

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
41 2,4-Dichlorophenol					CAS #: 120-83-2				
5.340	5.342	( 0.977)	162	50077	20.0000	18.9	80.00-	120.00	100.00
5.340	5.342	( 0.977)	164	31419			34.34-	94.34	62.74
5.339	5.342	( 0.977)	98	18974			8.30-	68.30	37.89
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42 1,2,4-Trichlorobenzene					CAS #: 120-82-1				
5.424	5.427	( 0.993)	180	57057	20.0000	19.5	80.00-	120.00	100.00
5.425	5.427	( 0.993)	182	54761			69.17-	129.17	95.98
5.424	5.427	( 0.993)	145	16487			0.41-	60.41	28.90
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* 43 Naphthalene-d8					CAS #: 1146-65-2				
5.464	5.463	( 1.000)	136	293034	40.0000		80.00-	120.00	100.00
5.464	5.463	( 1.000)	68	21238			0.00-	37.51	7.25
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44 Naphthalene					CAS #: 91-20-3				
5.484	5.486	( 1.004)	128	151799	20.0000	19.3	80.00-	120.00	100.00
5.484	5.485	( 1.004)	129	16509			0.00-	40.78	10.88
5.484	5.486	( 1.004)	127	20385			0.00-	42.17	13.43
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45 4-Chloroaniline					CAS #: 106-47-8				
5.550	5.552	( 1.016)	127	62413	20.0000	19.1	80.00-	120.00	100.00
5.550	5.552	( 1.016)	129	19916			2.29-	62.29	31.91
5.550	5.551	( 1.016)	65	24589			8.57-	68.57	39.40
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48 Hexachlorobutadiene					CAS #: 87-68-3				
5.653	5.654	( 1.035)	225	40926	20.0000	19.6	80.00-	120.00	100.00
5.653	5.654	( 1.035)	223	25224			31.81-	91.81	61.63
5.654	5.654	( 1.035)	227	25882			34.78-	94.78	63.24
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51 4-Chloro-3-methylphenol					CAS #: 59-50-7				
6.007	6.009	( 1.099)	107	52321	20.0000	18.5	80.00-	120.00	100.00
6.007	6.009	( 1.099)	144	12377			0.00-	53.54	23.66
6.007	6.009	( 1.099)	142	39156			43.91-	103.91	74.84
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53 2-Methylnaphthalene					CAS #: 91-57-6				
6.139	6.141	( 1.124)	142	103071	20.0000	19.2	80.00-	120.00	100.00
6.139	6.141	( 1.124)	141	87806			55.50-	115.50	85.19
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54 1-Methylnaphthalene					CAS #: 90-12-0				
6.244	6.247	( 1.143)	142	92246	20.0000	18.7	80.00-	120.00	100.00
6.245	6.247	( 1.143)	141	82401			58.78-	118.78	89.33
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55 Hexachlorocyclopentadiene					CAS #: 77-47-4				
6.360	6.360	( 0.887)	237	32144	20.0000	22.8	80.00-	120.00	100.00
6.360	6.360	( 0.887)	235	20075			33.42-	93.42	62.45
6.359	6.360	( 0.887)	272	4396			0.00-	41.88	13.68
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57 2,4,6-Trichlorophenol					CAS #: 88-06-2				
6.436	6.438	( 0.898)	196	38410	20.0000	19.6	80.00-	120.00	100.00
6.436	6.438	( 0.898)	198	36398			67.54-	127.54	94.76
6.436	6.438	( 0.898)	200	11627			1.18-	61.18	30.27
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58 2,4,5-Trichlorophenol					CAS #: 95-95-4				
6.471	6.472	( 0.903)	196	40244	20.0000	18.6	80.00-	120.00	100.00

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	=====	=====	=====	=====	=====	=====	=====
58 2,4,5-Trichlorophenol (continued)									
6.471	6.472	( 0.903)	198	38793			64.33-	124.33	96.39
6.471	6.472	( 0.903)	97	23183			27.55-	87.55	57.61
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\$ 59 2-Fluorobiphenyl (SURR) CAS #: 321-60-8									
6.512	6.514	( 0.908)	172	127425	20.0000	19.1	80.00-	120.00	100.00
6.512	6.514	( 0.908)	171	43347			4.90-	64.90	34.02
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62 2-Chloronaphthalene CAS #: 91-58-7									
6.607	6.610	( 0.922)	162	105961	20.0000	19.2	80.00-	120.00	100.00
6.607	6.610	( 0.922)	164	33893			1.75-	61.75	31.99
6.607	6.610	( 0.922)	127	41399			8.71-	68.71	39.07
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63 2-Nitroaniline CAS #: 88-74-4									
6.736	6.741	( 0.940)	65	37824	20.0000	19.3	80.00-	120.00	100.00
6.736	6.741	( 0.940)	92	23785			35.13-	95.13	62.88
6.737	6.741	( 0.940)	138	33120			59.53-	119.53	87.56
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65 Dimethylphthalate CAS #: 131-11-3									
6.945	6.950	( 0.969)	163	127679	20.0000	19.8	80.00-	120.00	100.00
6.945	6.950	( 0.969)	194	7363			0.00-	35.76	5.77
6.944	6.949	( 0.969)	164	11977			0.00-	39.66	9.38
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68 Acenaphthylene CAS #: 208-96-8									
7.018	7.020	( 0.979)	152	164440	20.0000	18.8	80.00-	120.00	100.00
7.018	7.020	( 0.979)	151	32798			0.00-	50.20	19.95
7.017	7.020	( 0.979)	153	21091			0.00-	43.02	12.83
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67 2,6-Dinitrotoluene CAS #: 606-20-2									
7.010	7.015	( 0.978)	165	28829	20.0000	18.6	80.00-	120.00	100.00
7.009	7.015	( 0.978)	89	19721			39.45-	99.45	68.41
7.012	7.016	( 0.978)	63	30956			74.66-	134.66	107.38
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69 3-Nitroaniline CAS #: 99-09-2									
7.140	7.146	( 0.996)	138	28043	20.0000	19.9	80.00-	120.00	100.00
7.141	7.146	( 0.996)	108	3710			0.00-	42.35	13.23
7.140	7.145	( 0.996)	92	39681			104.62-	164.62	141.50
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* 70 Acenaphthene-d10 CAS #: 15067-26-2									
7.168	7.167	( 1.000)	164	182641	40.0000		80.00-	120.00	100.00
7.168	7.168	( 1.000)	162	174460			66.12-	126.12	95.52
7.168	7.167	( 1.000)	160	77062			13.21-	73.21	42.19
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71 Acenaphthene CAS #: 83-32-9									
7.198	7.201	( 1.004)	154	95804	20.0000	19.2	80.00-	120.00	100.00
7.198	7.200	( 1.004)	153	102002			77.18-	137.18	106.47
7.198	7.200	( 1.004)	152	49204			21.21-	81.21	51.36
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72 2,4-Dinitrophenol CAS #: 51-28-5									
7.238	7.243	( 1.010)	184	12667	20.0000	23.4	80.00-	120.00	100.00
7.237	7.242	( 1.010)	63	9780			48.18-	108.18	77.21
7.239	7.242	( 1.010)	154	8602			33.05-	93.05	67.91
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AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
====	=====	=====	====	=====	=====	=====	=====	=====	
74 4-Nitrophenol						CAS #: 100-02-7			
7.298	7.303	( 1.018)	109	22765	20.0000	18.2	80.00- 120.00	100.00	
7.298	7.303	( 1.018)	139	20525			61.80- 121.80	90.16	
7.298	7.303	( 1.018)	65	26743			80.41- 140.41	117.47	
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75 Dibenzofuran						CAS #: 132-64-9			
7.351	7.355	( 1.026)	168	147492	20.0000	19.3	80.00- 120.00	100.00	
7.351	7.355	( 1.025)	139	60108			10.69- 70.69	40.75	
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76 2,4-Dinitrotoluene						CAS #: 121-14-2			
7.388	7.392	( 1.031)	165	38222	20.0000	20.3	80.00- 120.00	100.00	
7.387	7.392	( 1.031)	63	19553			23.55- 83.55	51.16	
7.388	7.392	( 1.031)	89	31193			51.82- 111.82	81.61	
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80 Diethylphthalate						CAS #: 84-66-2			
7.634	7.640	( 1.065)	149	124461	20.0000	19.6	80.00- 120.00	100.00	
7.634	7.640	( 1.065)	177	25842			0.00- 51.79	20.76	
7.634	7.640	( 1.065)	150	15776			0.00- 42.28	12.68	
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81 Fluorene						CAS #: 86-73-7			
7.688	7.690	( 1.073)	166	127014	20.0000	18.5	80.00- 120.00	100.00	
7.688	7.690	( 1.073)	165	119830			61.04- 121.04	94.34	
7.688	7.690	( 1.073)	167	16673			0.00- 43.06	13.13	
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82 4-Chlorophenyl-phenylether						CAS #: 7005-72-3			
7.689	7.690	( 1.073)	204	66377	20.0000	18.3	80.00- 120.00	100.00	
7.689	7.690	( 1.073)	206	22104			2.85- 62.85	33.30	
7.688	7.690	( 1.073)	141	41257			29.43- 89.43	62.16	
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84 4-Nitroaniline						CAS #: 100-01-6			
7.739	7.750	( 1.080)	138	23335	20.0000	18.1	80.00- 120.00	100.00	
7.738	7.749	( 1.080)	92	14296			30.30- 90.30	61.26	
7.739	7.749	( 1.080)	108	27467			85.44- 145.44	117.71	
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85 4,6-Dinitro-2-methylphenol						CAS #: 534-52-1			
7.782	7.790	( 0.905)	198	21342	20.0000	15.8	80.00- 120.00	100.00	
7.781	7.789	( 0.905)	51	10734			21.07- 81.07	50.30	
7.782	7.789	( 0.905)	105	9673			14.43- 74.43	45.32	
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86 N-Nitrosodiphenylamine						CAS #: 86-30-6			
7.810	7.814	( 0.908)	169	82845	20.0000	19.4	80.00- 120.00	100.00	
7.809	7.815	( 0.908)	168	53652			41.33- 101.33	64.76	
7.810	7.815	( 0.908)	167	29169			5.93- 65.93	35.21	
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87 1,2-Diphenylhydrazine						CAS #: 122-66-7			
7.841	7.845	( 1.094)	77	139992	20.0000	19.1	80.00- 120.00	100.00	
7.841	7.845	( 1.094)	105	20379			0.00- 44.08	14.56	
7.841	7.845	( 1.094)	182	32941			0.00- 53.69	23.53	
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\$ 88 2,4,6-Tribromophenol (SURR)						CAS #: 118-79-6			
7.943	7.946	( 1.108)	330	43066	40.0000	35.7	80.00- 120.00	100.00	
7.943	7.946	( 1.108)	332	41476			65.21- 125.21	96.31	
7.941	7.945	( 1.108)	141	18208			10.78- 70.78	42.28	
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AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
====	=====	=====	====	=====	=====	=====	=====	=====	
93 4-Bromophenylphenylether						CAS #: 101-55-3			
8.162	8.163	( 0.949)	248	39196	20.0000	18.6	80.00- 120.00	100.00	
8.162	8.163	( 0.949)	250	37387			66.63- 126.63	95.38	
8.161	8.162	( 0.949)	141	31187			49.24- 109.24	79.57	
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94 Hexachlorobenzene						CAS #: 118-74-1			
8.306	8.307	( 0.966)	284	43837	20.0000	18.4	80.00- 120.00	100.00	
8.305	8.307	( 0.965)	142	17561			10.52- 70.52	40.06	
8.306	8.307	( 0.966)	249	13993			1.60- 61.60	31.92	
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96 Pentachlorophenol						CAS #: 87-86-5			
8.478	8.480	( 0.986)	266	23300	20.0000	21.7	80.00- 120.00	100.00	
8.478	8.481	( 0.986)	264	13841			33.54- 93.54	59.40	
8.478	8.481	( 0.986)	268	13891			34.39- 94.39	59.62	
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* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.602	8.604	( 1.000)	188	325222	40.0000		80.00- 120.00	100.00	
8.601	8.604	( 1.000)	94	32598			0.00- 40.39	10.02	
8.601	8.603	( 1.000)	80	37349			0.00- 41.55	11.48	
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101 Phenanthrene						CAS #: 85-01-8			
8.623	8.626	( 1.002)	178	171220	20.0000	18.8	80.00- 120.00	100.00	
8.623	8.626	( 1.002)	179	25752			0.00- 45.20	15.04	
8.623	8.626	( 1.002)	176	32597			0.00- 48.69	19.04	
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103 Anthracene						CAS #: 120-12-7			
8.665	8.670	( 1.007)	178	152381	20.0000	18.7	80.00- 120.00	100.00	
8.666	8.670	( 1.007)	179	23015			0.00- 45.53	15.10	
8.666	8.670	( 1.007)	176	28106			0.00- 49.11	18.44	
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104 Carbazole						CAS #: 86-74-8			
8.826	8.830	( 1.026)	167	148575	20.0000	18.2	80.00- 120.00	100.00	
8.826	8.830	( 1.026)	139	19978			0.00- 43.72	13.45	
8.825	8.830	( 1.026)	83	13392			0.00- 39.70	9.01	
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105 Di-n-butylphthalate						CAS #: 84-74-2			
9.225	9.227	( 1.072)	149	205382	20.0000	18.2	80.00- 120.00	100.00	
9.225	9.227	( 1.072)	150	18483			0.00- 39.16	9.00	
9.224	9.227	( 1.072)	104	13878			0.00- 36.36	6.76	
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109 Fluoranthene						CAS #: 206-44-0			
9.793	9.797	( 1.139)	202	187794	20.0000	18.4	80.00- 120.00	100.00	
9.793	9.796	( 1.138)	101	21846			0.00- 41.60	11.63	
9.793	9.797	( 1.139)	203	31996			0.00- 47.37	17.04	
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111 Pyrene						CAS #: 129-00-0			
10.013	10.016	( 0.893)	202	191430	20.0000	19.5	80.00- 120.00	100.00	
10.014	10.016	( 0.893)	200	39254			0.00- 50.33	20.51	
10.013	10.016	( 0.893)	203	33520			0.00- 47.92	17.51	
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\$ 112 Terphenyl-d14 (SURR)						CAS #: 1718-51-0			
10.176	10.179	( 0.908)	244	145641	20.0000	18.8	80.00- 120.00	100.00	
10.175	10.178	( 0.908)	122	15499			0.00- 40.67	10.64	



AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 112 Terphenyl-d14 (SURR) (continued)									
10.176	10.179	( 0.908)	212	11211			0.00-	37.92	7.70
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118 Butylbenzylphthalate					CAS #: 85-68-7				
10.690	10.690	( 0.954)	149	89268	20.0000	18.0	80.00-	120.00	100.00
10.690	10.691	( 0.954)	91	69294			45.72-	105.72	77.62
10.690	10.692	( 0.954)	206	20818			0.00-	51.71	23.32
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120 Benzo[a]anthracene					CAS #: 56-55-3				
11.191	11.194	( 0.998)	228	184304	20.0000	18.6	80.00-	120.00	100.00
11.191	11.194	( 0.998)	229	35007			0.00-	49.13	18.99
11.191	11.194	( 0.998)	226	46955			0.00-	57.06	25.48
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* 121 Chrysene-d12					CAS #: 1719-03-5				
11.209	11.211	( 1.000)	240	363471	40.0000		80.00-	120.00	100.00
11.209	11.210	( 1.000)	120	36719			0.00-	40.02	10.10
11.210	11.210	( 1.000)	236	89712			0.00-	54.50	24.68
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123 Chrysene					CAS #: 218-01-9				
11.233	11.238	( 1.002)	228	183440	20.0000	19.0	80.00-	120.00	100.00
11.233	11.238	( 1.002)	226	51743			0.00-	59.08	28.21
11.233	11.238	( 1.002)	229	34716			0.00-	49.34	18.92
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124 Bis-2-Ethylhexylphthalate					CAS #: 117-81-7				
11.274	11.275	( 1.006)	149	122477	20.0000	17.9	80.00-	120.00	100.00
11.274	11.276	( 1.006)	167	35796			0.00-	59.84	29.23
11.275	11.276	( 1.006)	279	8749			0.00-	37.67	7.14
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125 Di-n-octylphthalate					CAS #: 117-84-0				
11.841	11.842	( 0.945)	149	209463	20.0000	24.6	80.00-	120.00	100.00
11.841	11.843	( 0.945)	167	3530			0.00-	31.49	1.69
11.840	11.842	( 0.945)	43	18414			0.00-	38.92	8.79
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127 Benzo[b]fluoranthene					CAS #: 205-99-2				
12.195	12.198	( 0.973)	252	174379	20.0000	18.3	80.00-	120.00	100.00
12.194	12.198	( 0.973)	253	41258			0.00-	52.25	23.66
12.193	12.219	( 0.973)	125	17432			0.00-	48.56	10.00
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128 Benzo[k]fluoranthene					CAS #: 207-08-9				
12.213	12.220	( 0.975)	252	179085	20.0000	17.0	80.00-	120.00	100.00
12.213	12.220	( 0.975)	253	38339			0.00-	52.11	21.41
12.213	12.219	( 0.975)	125	14030			0.00-	46.79	7.83
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129 Benzo[a]pyrene					CAS #: 50-32-8				
12.478	12.484	( 0.996)	252	164486	20.0000	17.9	80.00-	120.00	100.00
12.477	12.484	( 0.996)	253	42204			0.00-	51.58	25.66
12.477	12.484	( 0.996)	125	16558			0.00-	39.66	10.07
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* 130 Perylene-d12					CAS #: 1520-96-3				
12.530	12.532	( 1.000)	264	334329	40.0000		80.00-	120.00	100.00
12.531	12.533	( 1.000)	260	72995			0.00-	52.70	21.83
12.530	12.532	( 1.000)	265	70528			0.00-	52.11	21.10
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AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
133 Indeno[1,2,3-cd]pyrene						CAS #: 193-39-5			
13.561	13.569	( 1.082)	276	188964	20.0000	18.4	80.00-	120.00	100.00
13.563	13.570	( 1.082)	138	43098			0.00-	53.00	22.81
13.562	13.570	( 1.082)	277	47653			0.00-	55.19	25.22
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134 Dibenz[a,h]anthracene						CAS #: 53-70-3			
13.568	13.574	( 1.083)	278	158013	20.0000	18.1	80.00-	120.00	100.00
13.567	13.573	( 1.083)	139	21755			0.00-	45.33	13.77
13.568	13.574	( 1.083)	279	36009			0.00-	53.44	22.79
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135 Benzo[g,h,i]perylene						CAS #: 191-24-2			
13.844	13.852	( 1.105)	276	154794	20.0000	19.7	80.00-	120.00	100.00
13.843	13.852	( 1.105)	138	30412			0.00-	48.86	19.65
13.843	13.852	( 1.105)	277	37520			0.00-	53.33	24.24
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QC Flag Legend

a - Target compound detected but, quantitated amount  
 Below Limit Of Quantitation(BLOQ).

Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

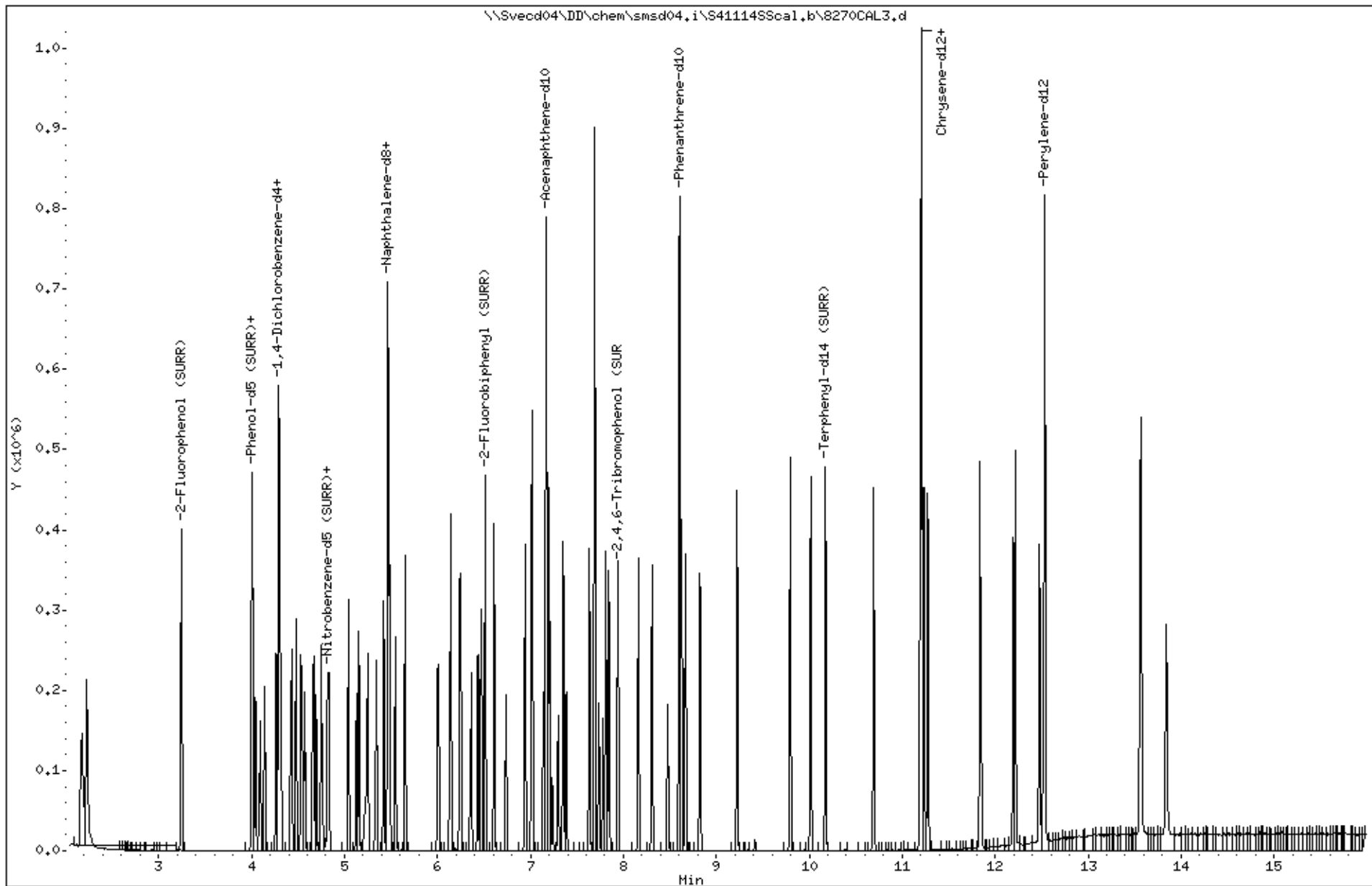
Sample Info: 47767

Instrument: smsd04.i

Operator: MJ

Column diameter: 0.25

Column phase: HPMS-5



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

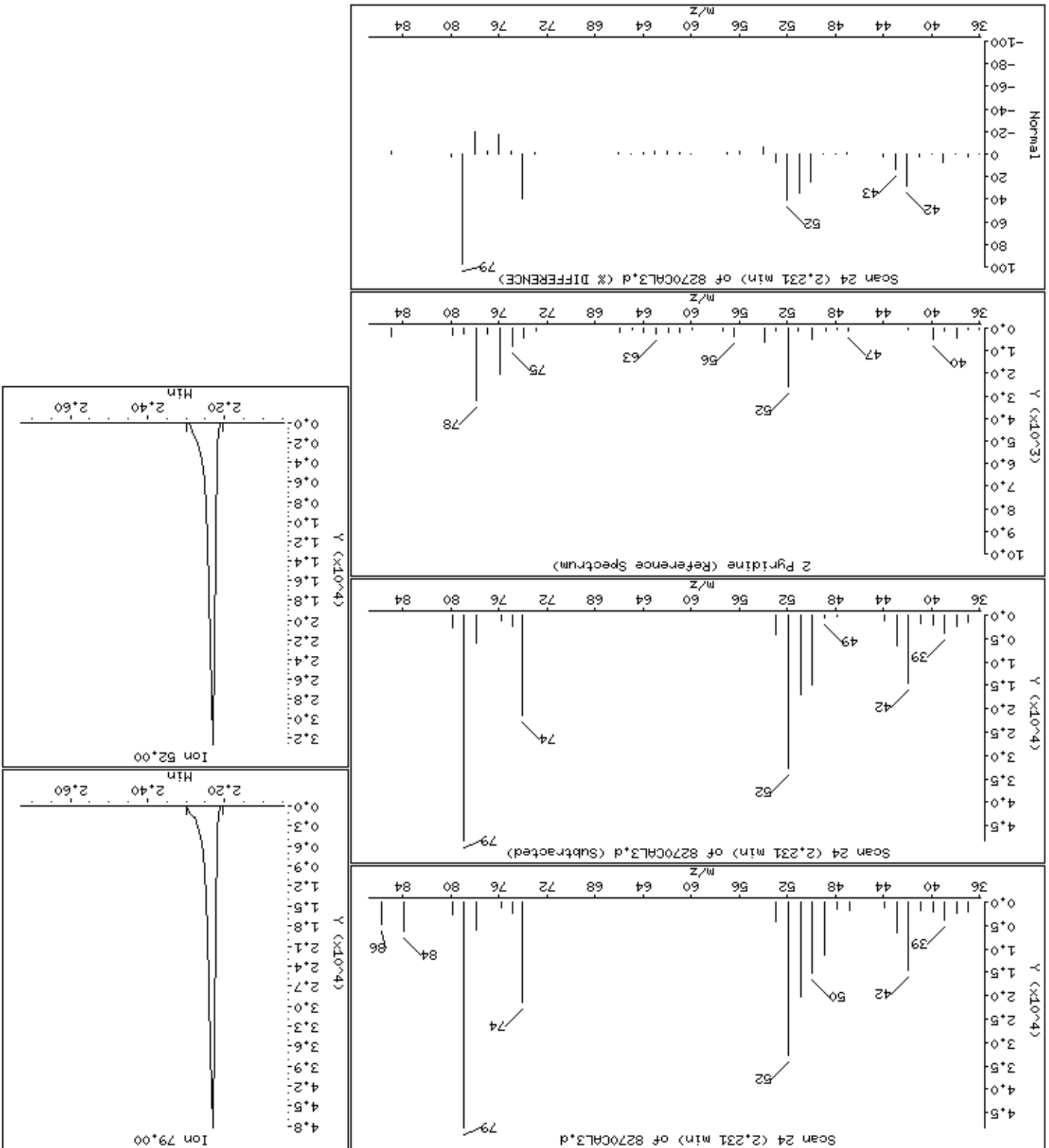
Column diameter: 0.25

Concentration: 18.9 ug/kg

Instrument: smsd04.i

Data File: \\Svevod04\DD\chem\smsd04\15411145cal1\8270CAL3.D

2 Pyridine



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

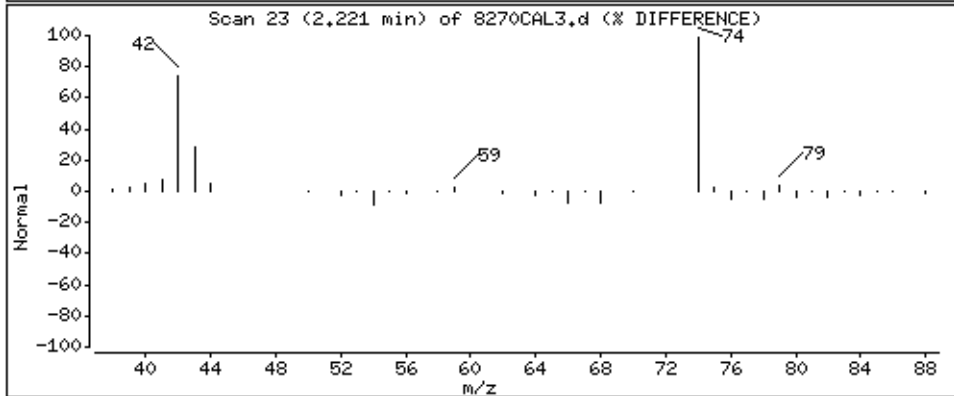
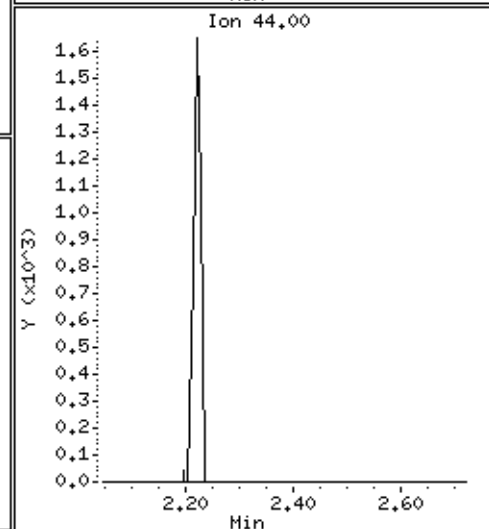
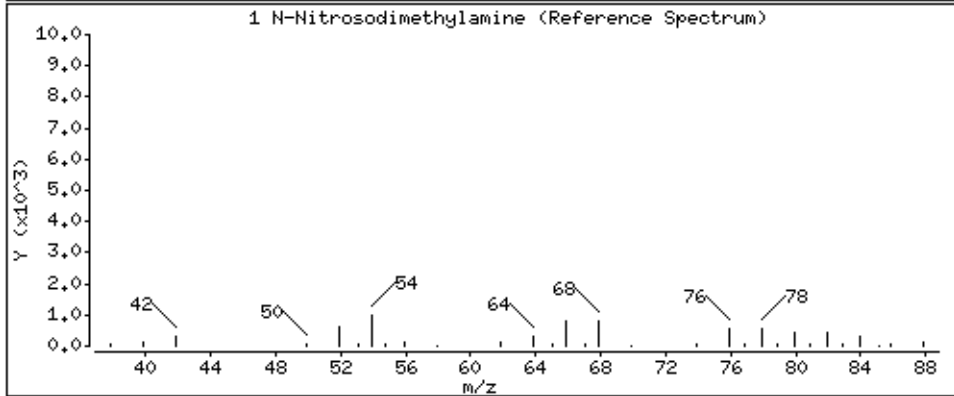
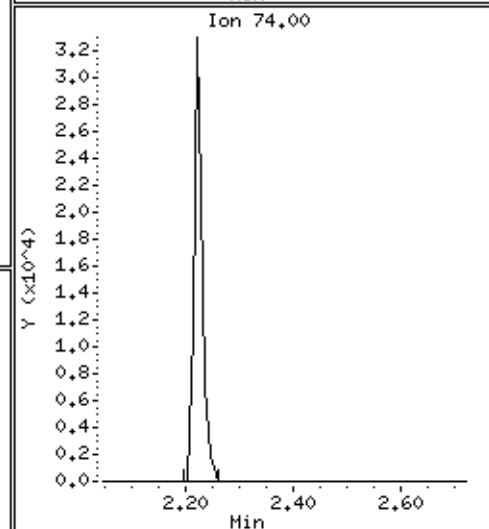
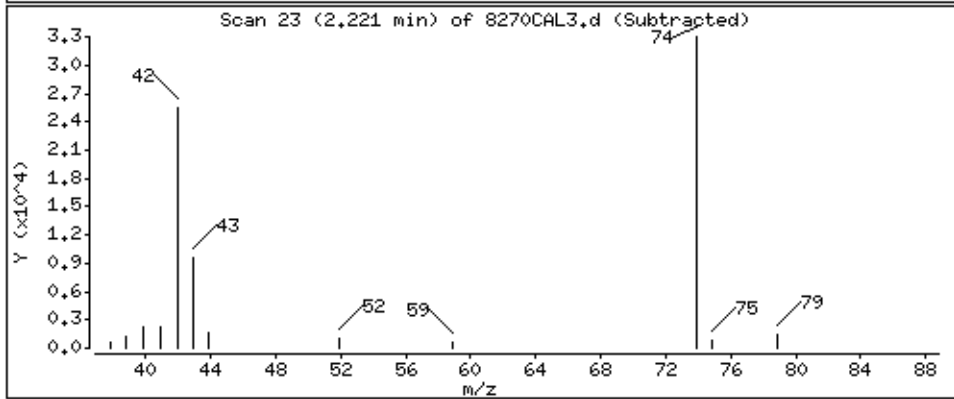
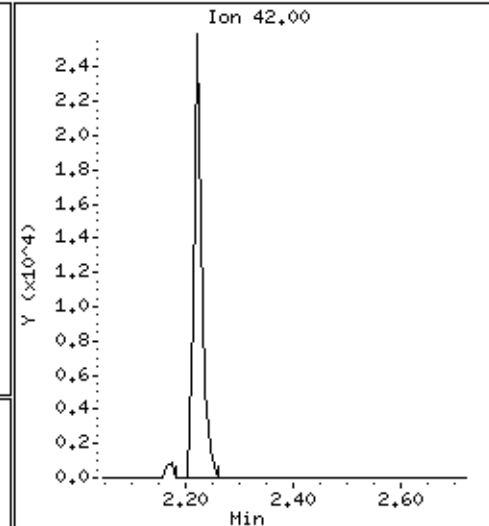
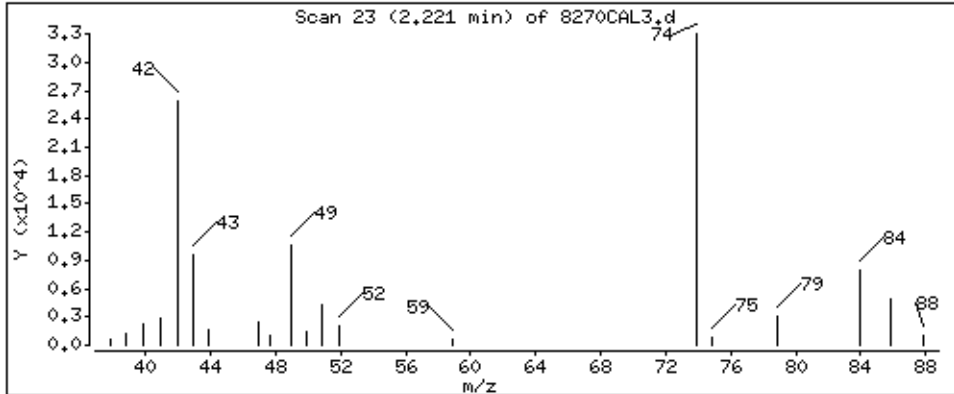
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

1 N-Nitrosodimethylamine

Concentration: 19,1 ug/kg



Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 4767

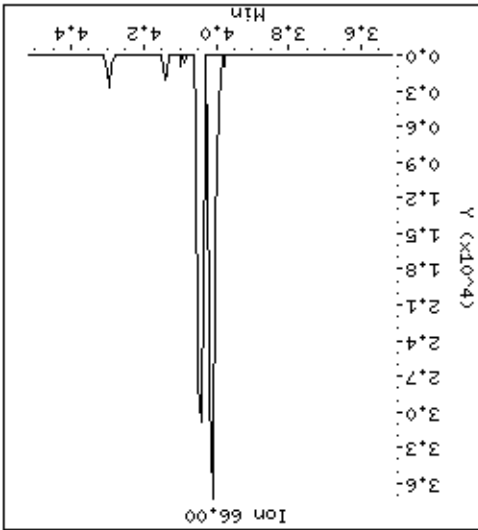
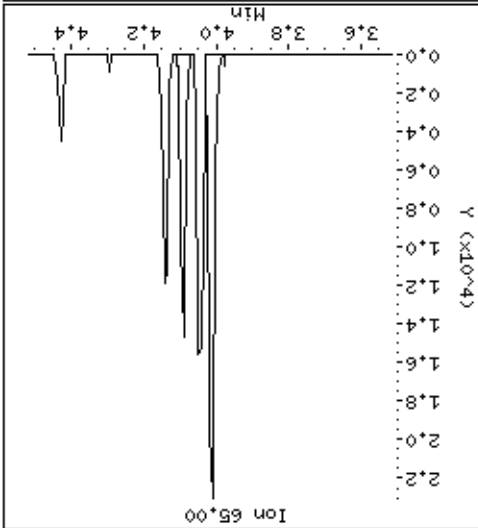
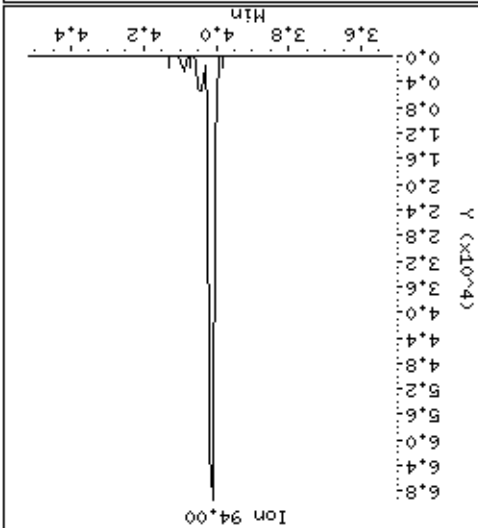
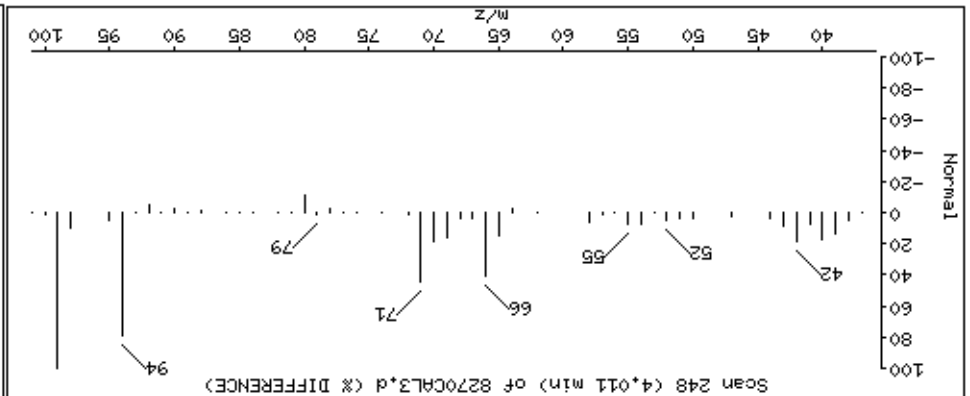
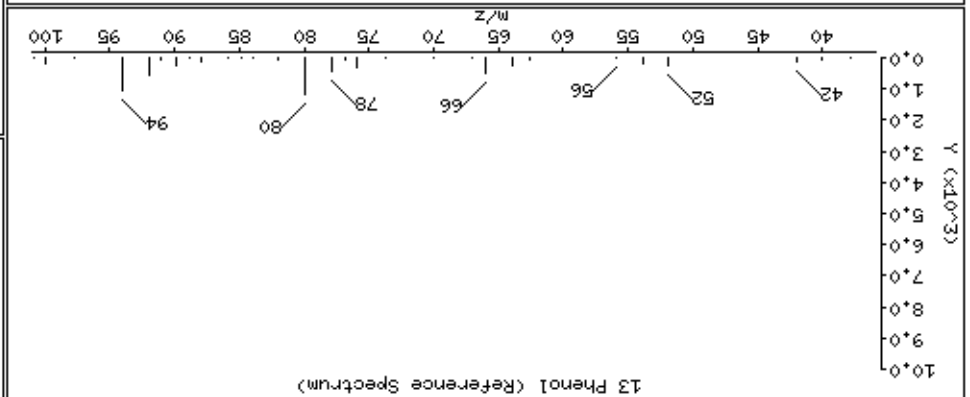
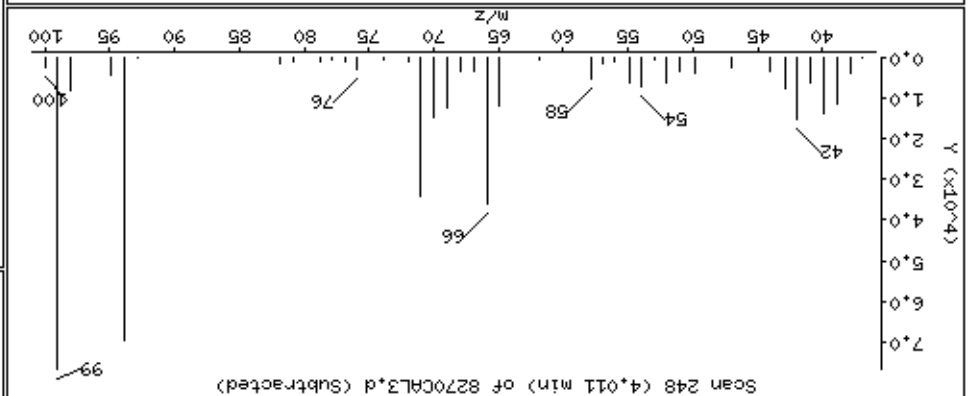
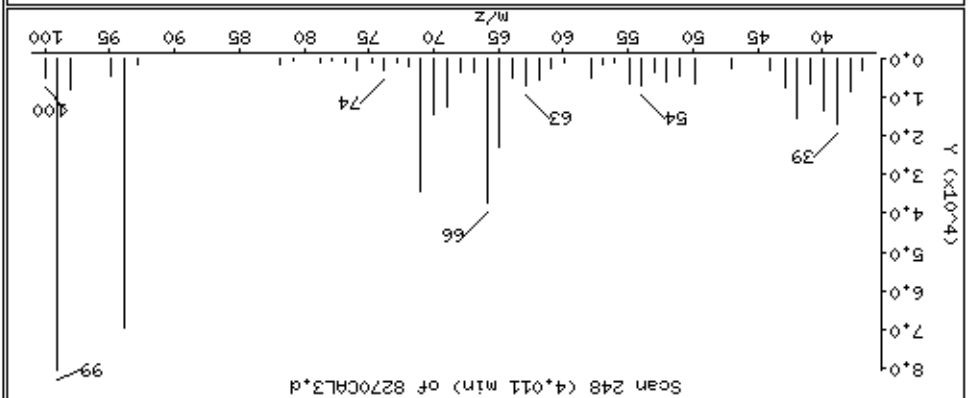
Operator: MJ

Column diameter: 0.25

Concentration: 18.8 ug/kg

Instrument: smsd04.1

13 Phenol



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

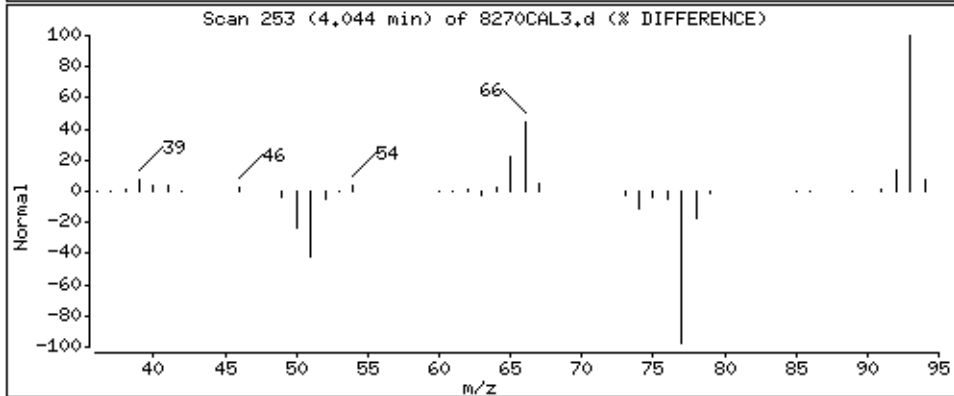
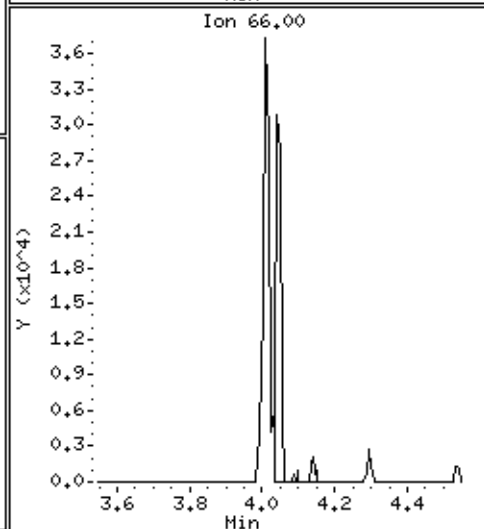
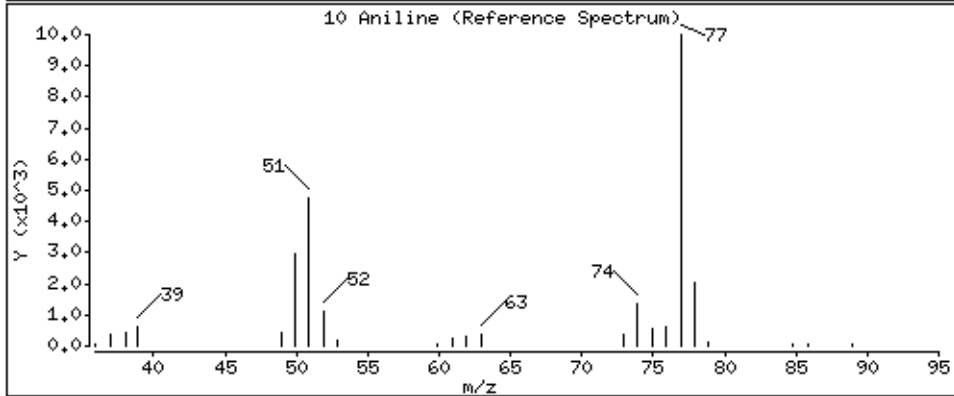
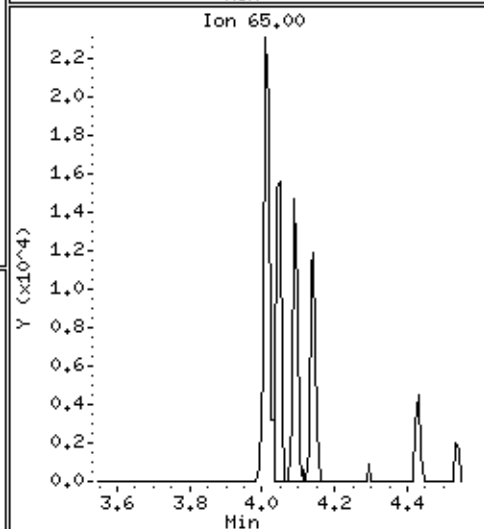
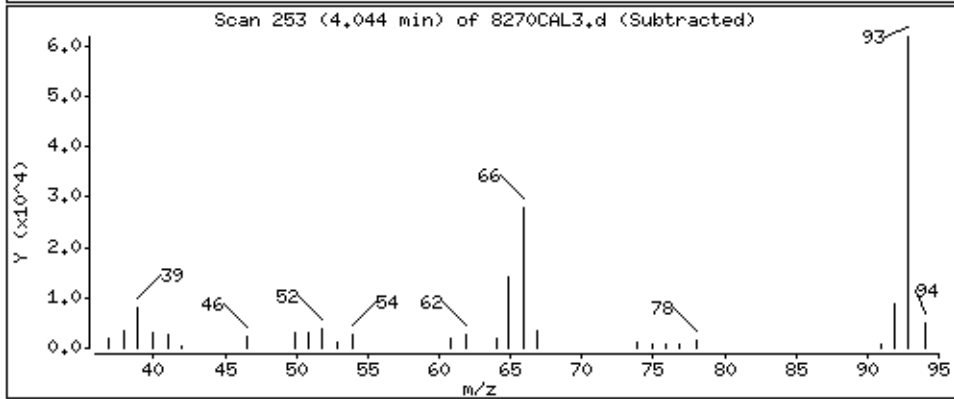
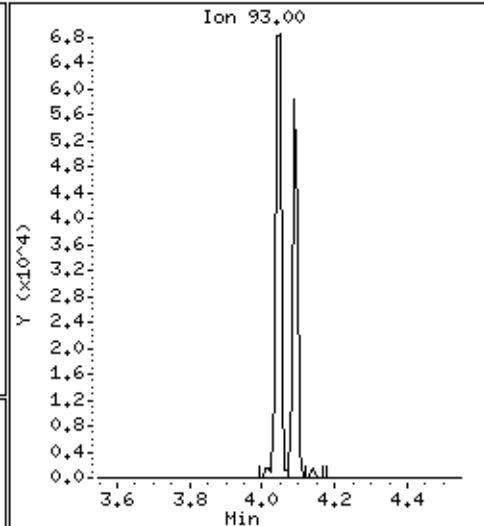
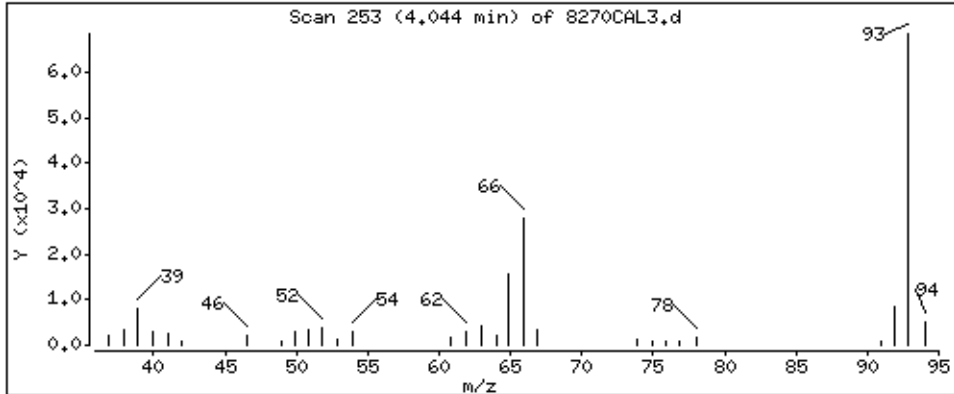
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

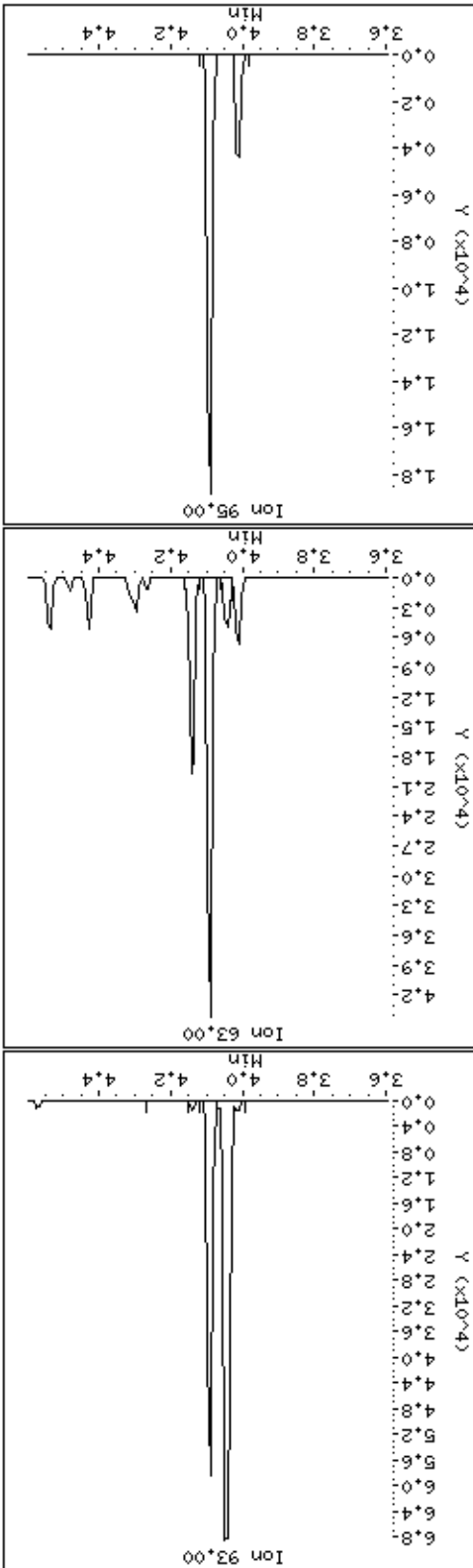
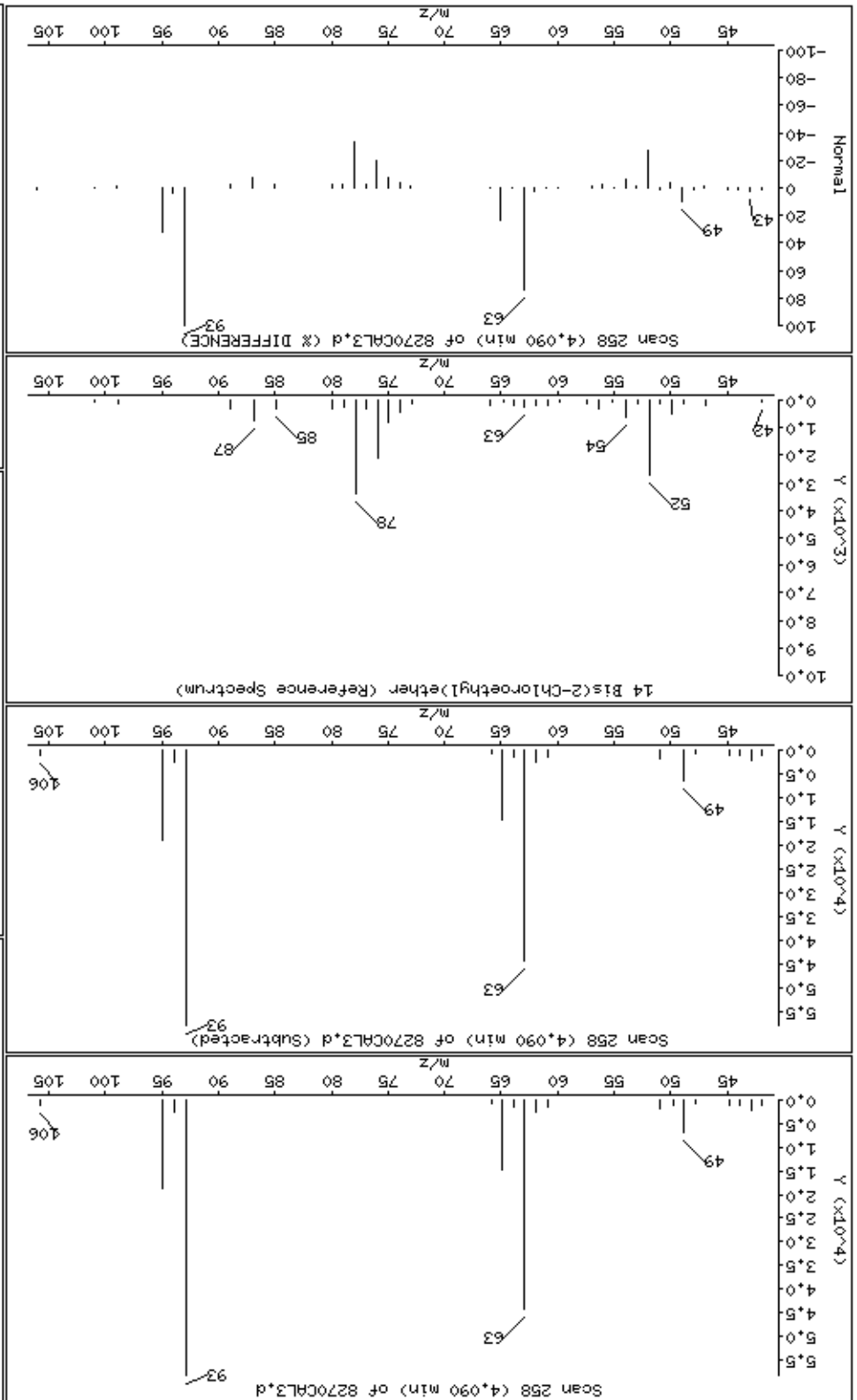
10 Aniline

Concentration: 20,0 ug/kg



Date : 15-NOV-2012 00:04  
Client ID: 8270CAL3  
Sample Info: 4767  
Operator: MJ  
Column phase: HPMS-5  
Concentration: 19.6 ug/kg

Instrument: smsd04.1  
Column diameter: 0.25





Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

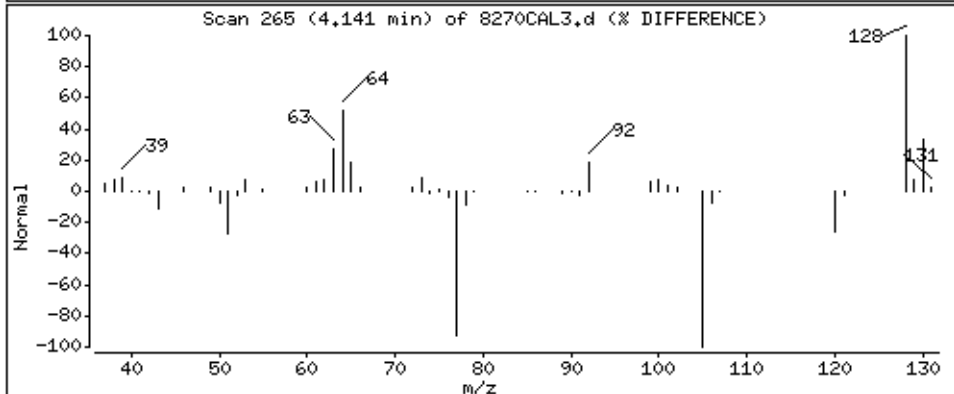
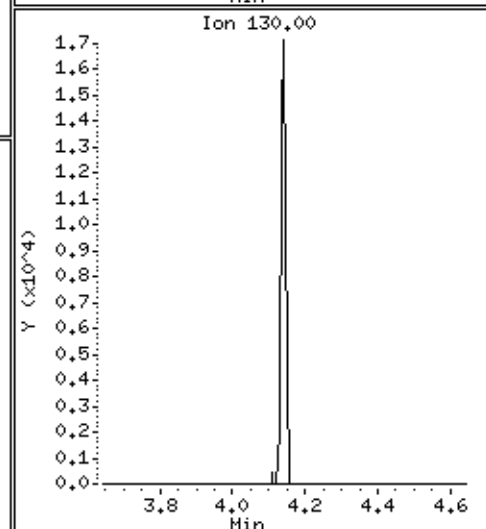
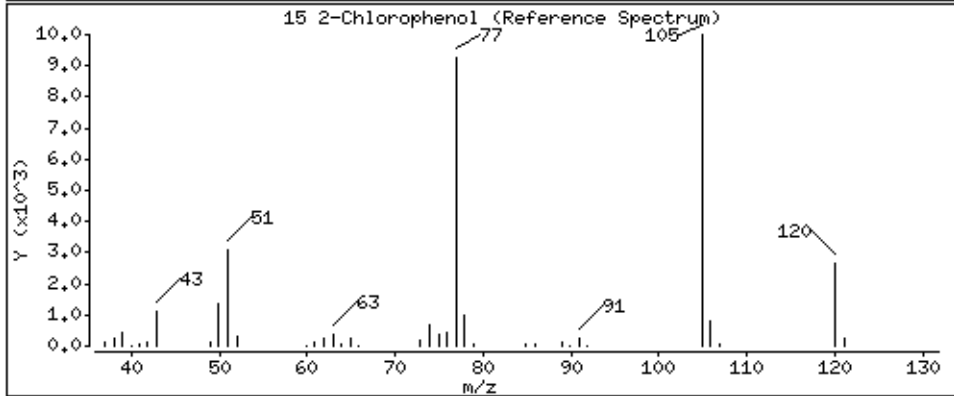
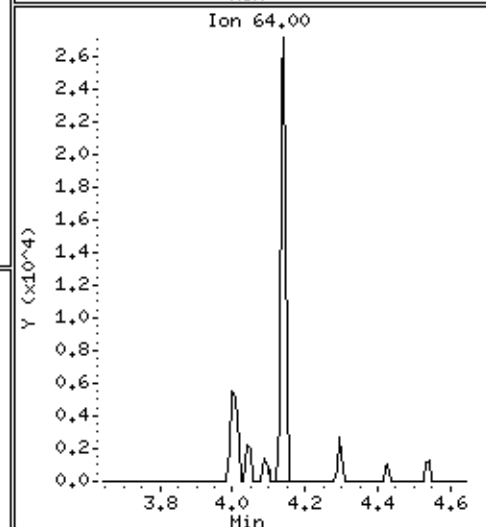
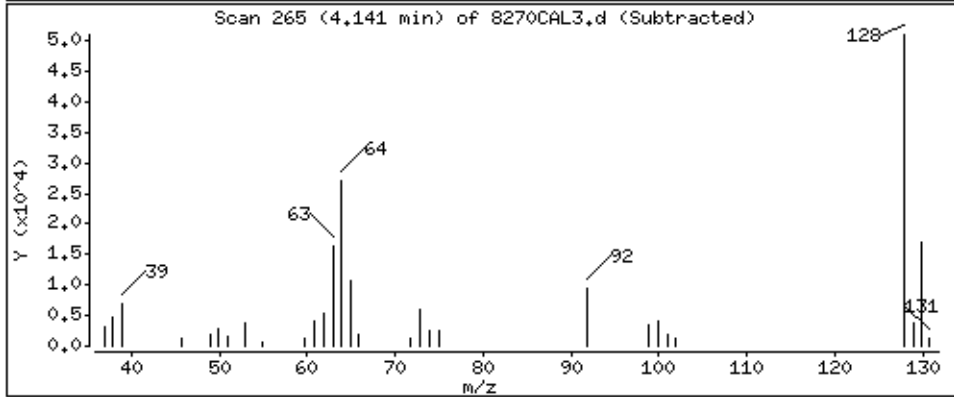
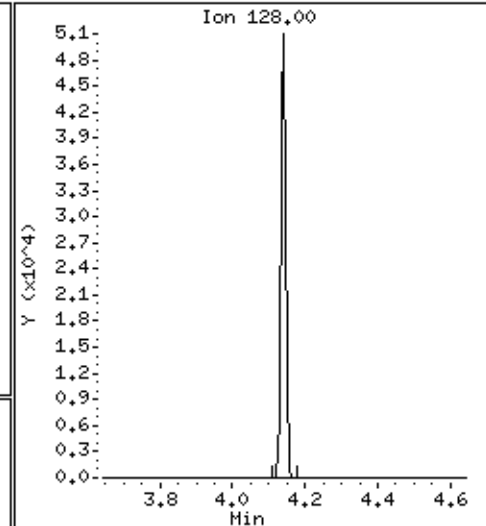
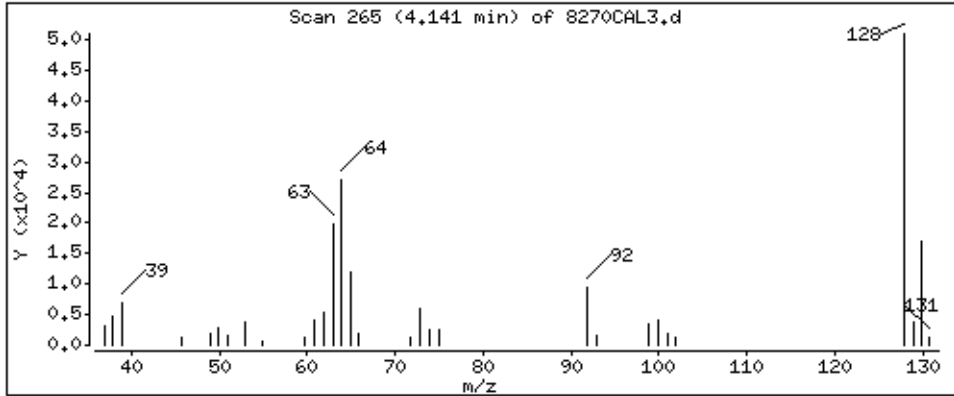
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

15 2-Chlorophenol

Concentration: 19,3 ug/kg



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 4767

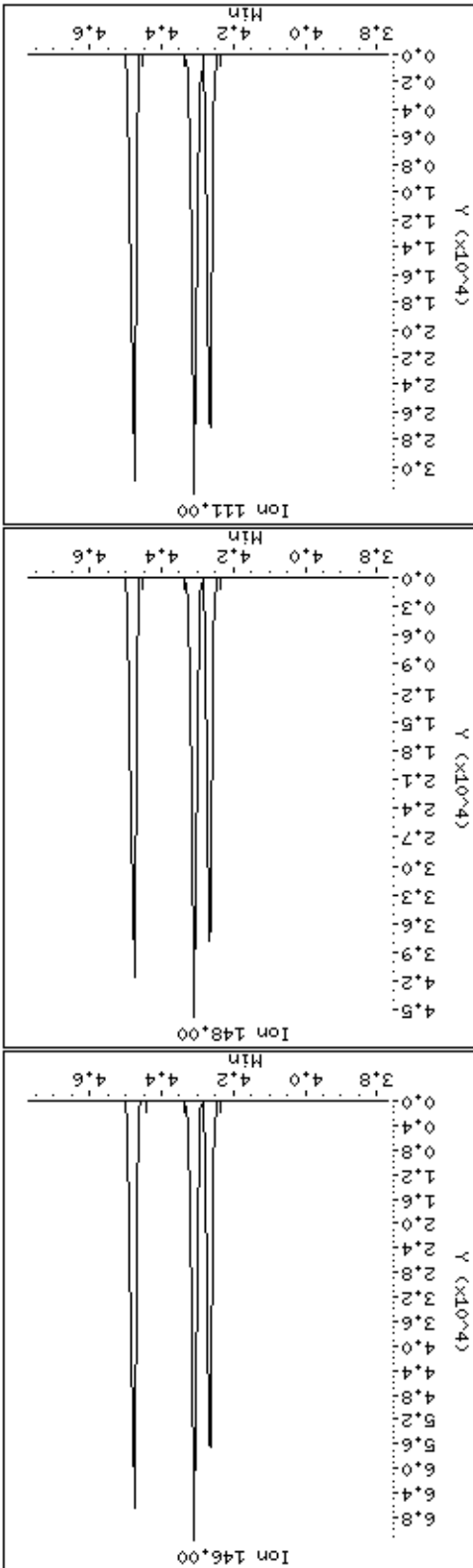
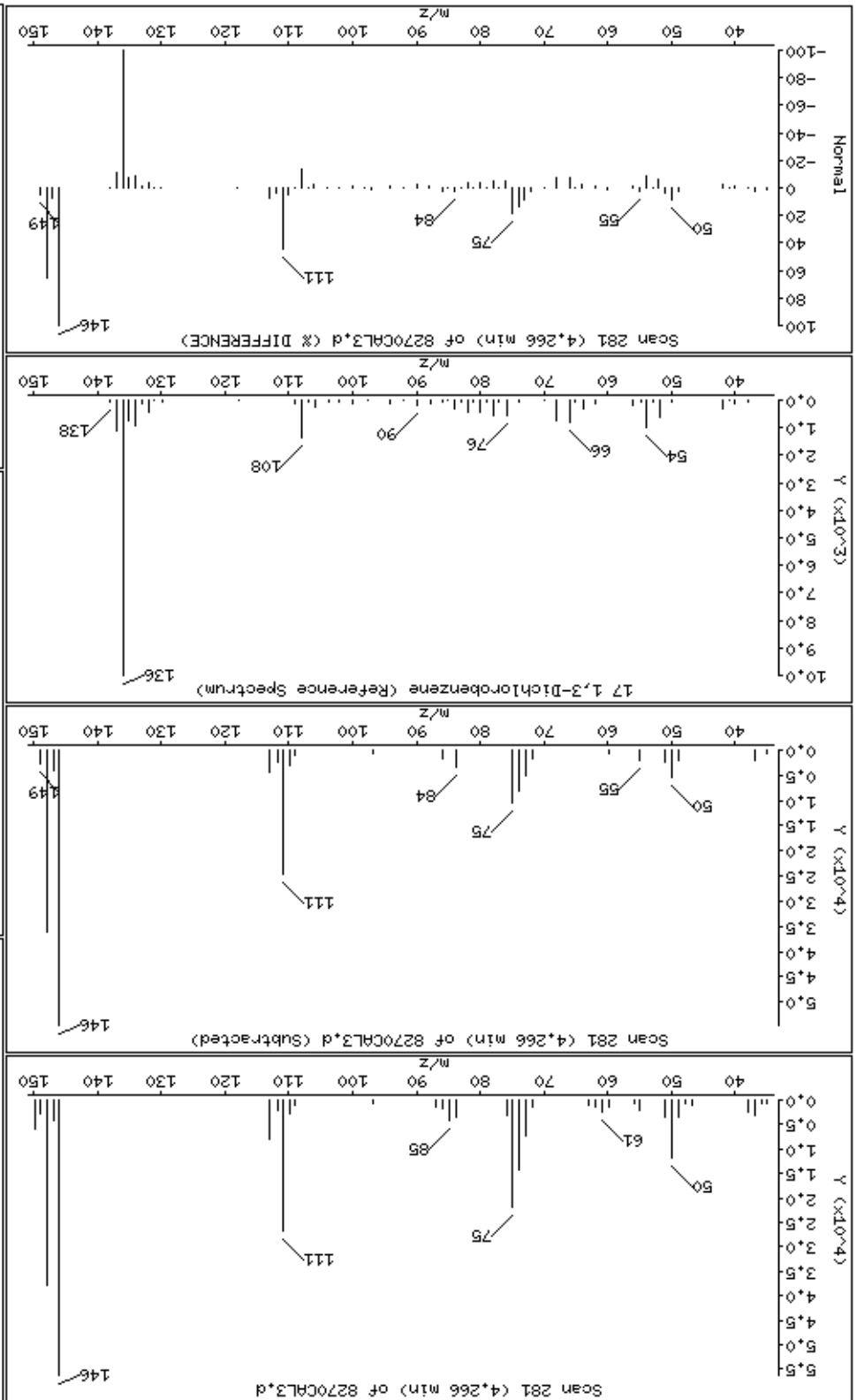
Operator: MJ

Column diameter: 0.25

Concentration: 19.1 ug/kg

Instrument: smsd04.1

Data File: \\Svevod04\DDV\chem\smsd04\15411145cal.1\8270CAL3.D



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

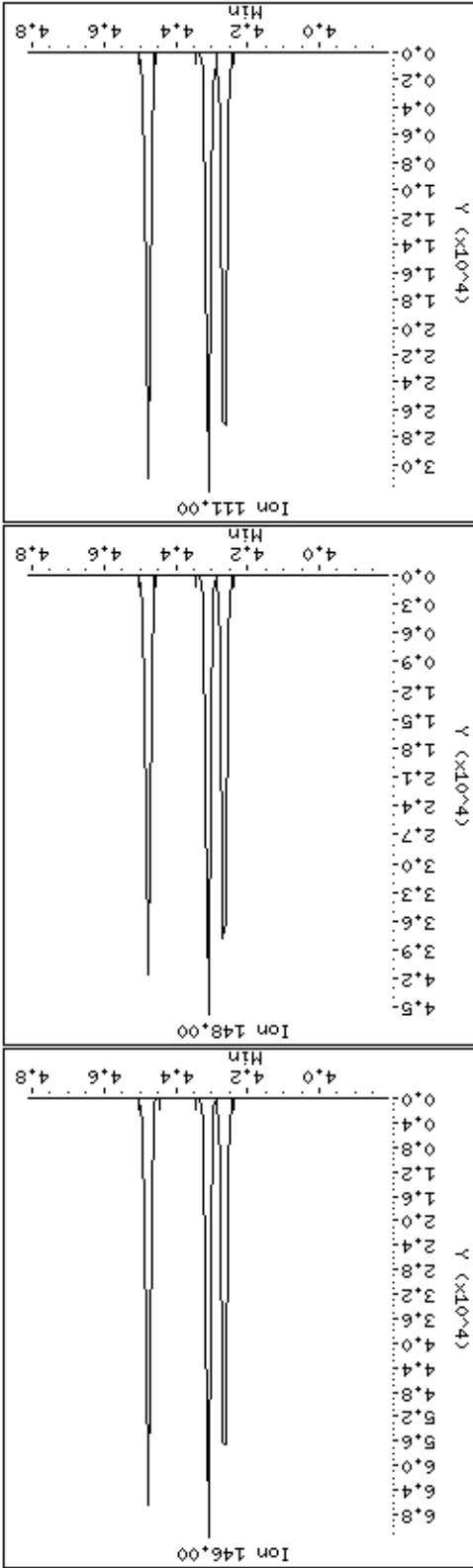
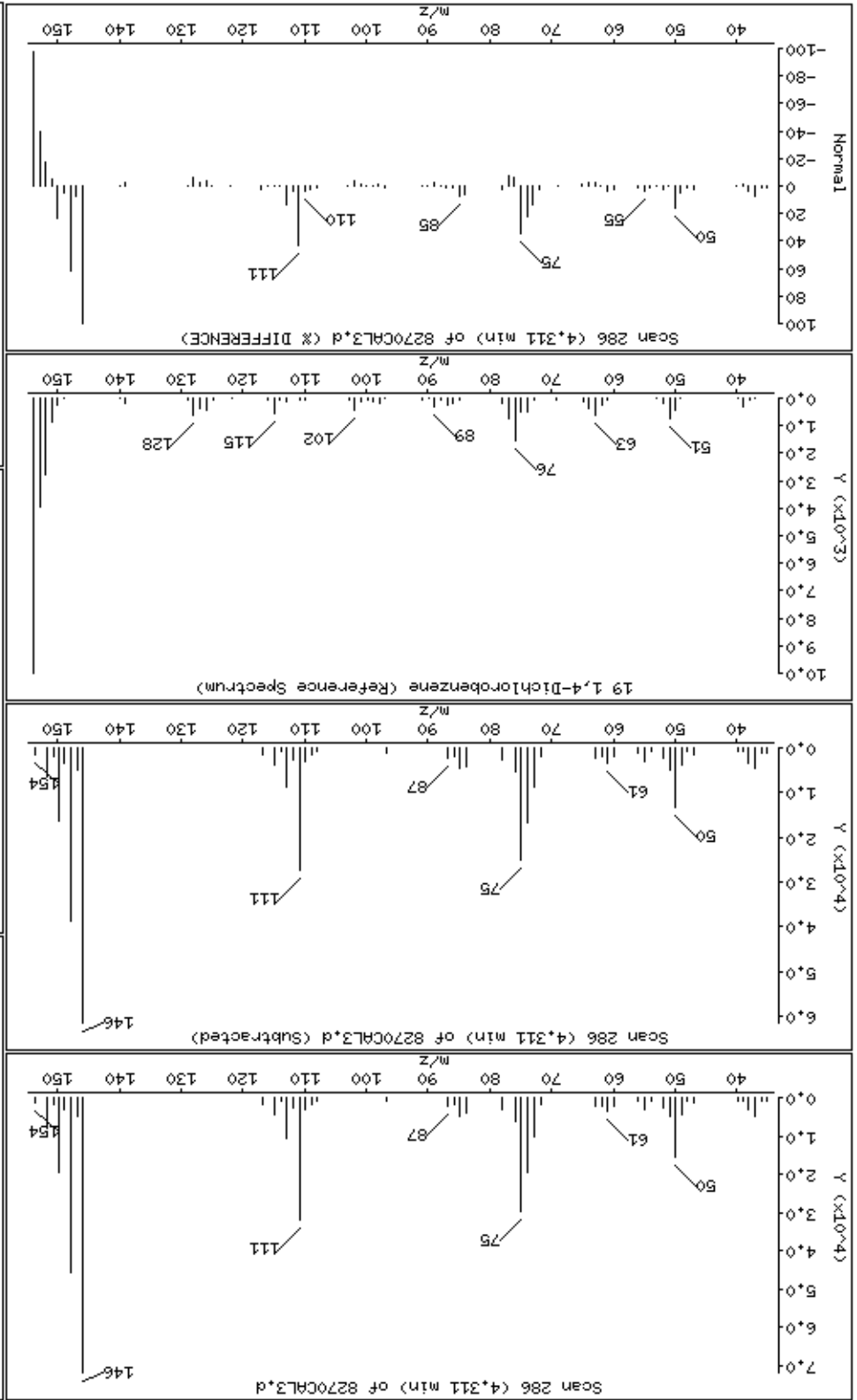
Sample Info: 47767

Operator: MJ

Column diameter: 0.25

Instrument: smsd04.1

Concentration: 19.1 ug/kg



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

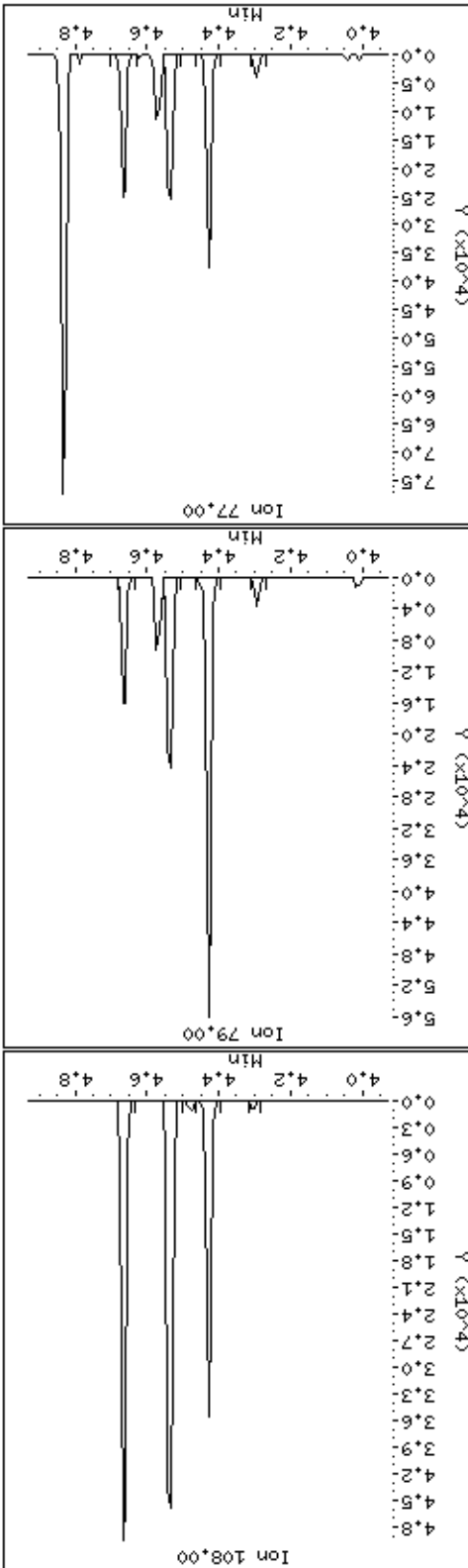
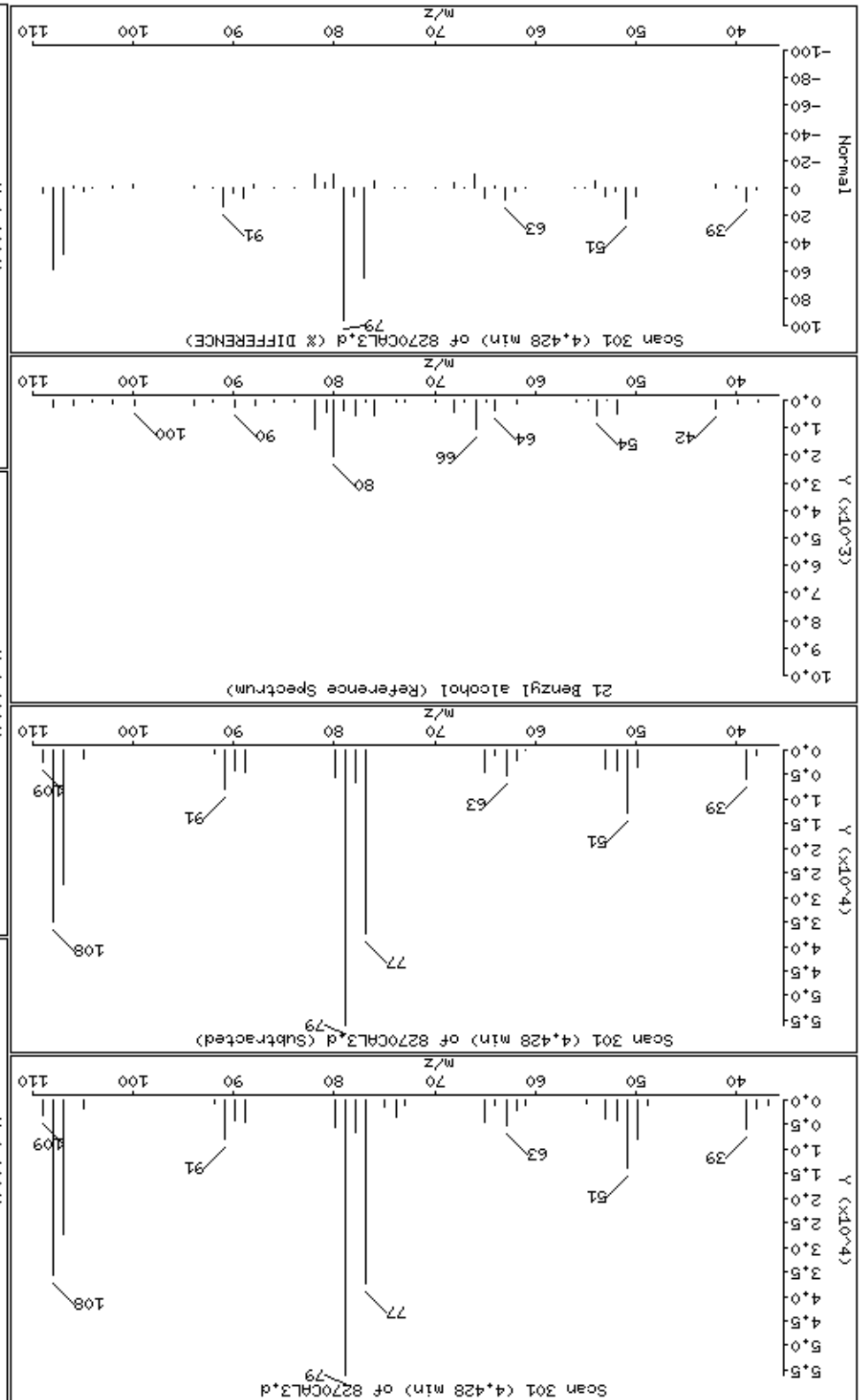
Column diameter: 0.25

Concentration: 18.6 ug/kg

Instrument: smsd04.1

Data File: \\Svevod04\DJV\chem\smsd04\15411145cal.1\8270CAL3.D

21 Benzyl alcohol



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

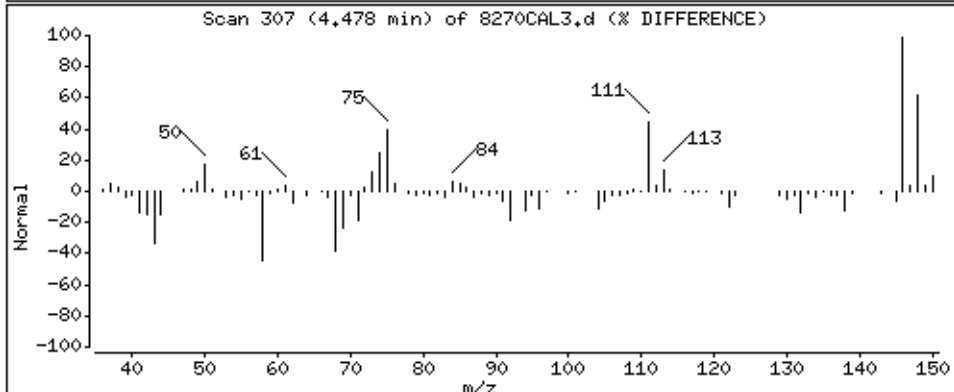
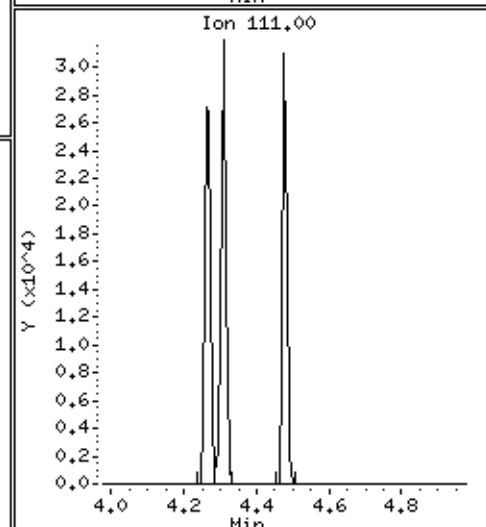
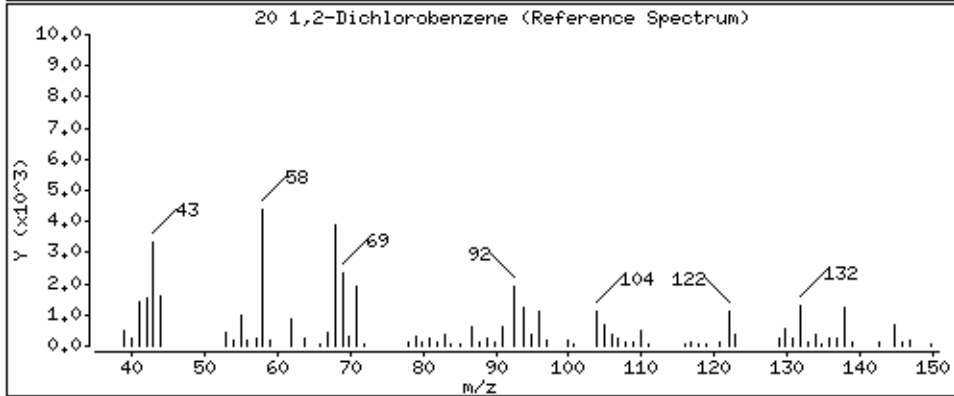
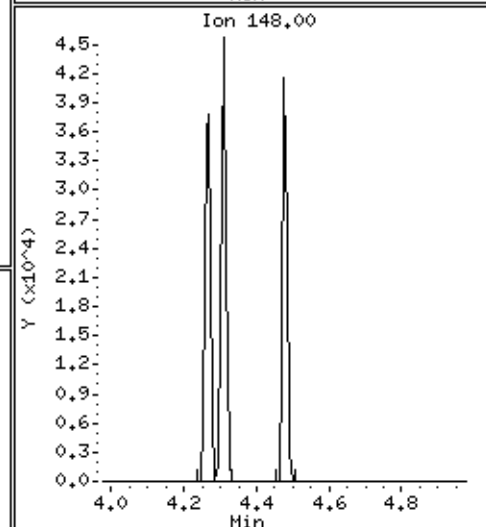
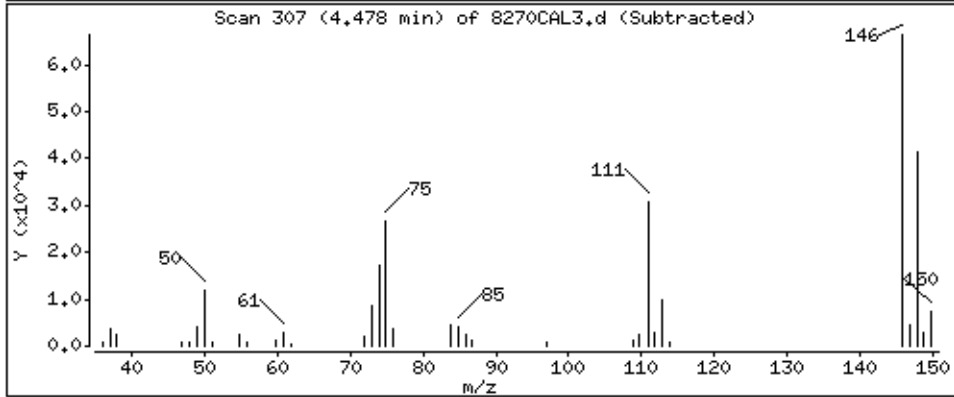
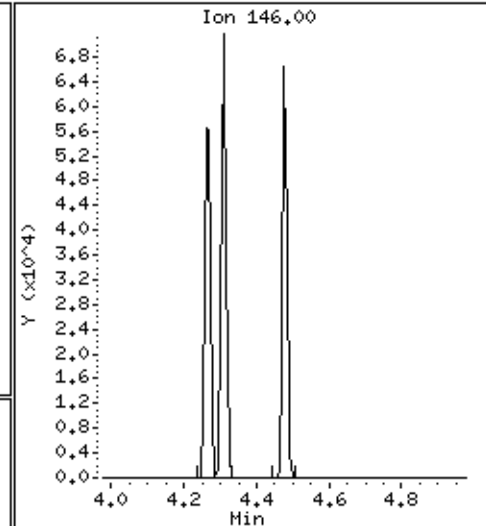
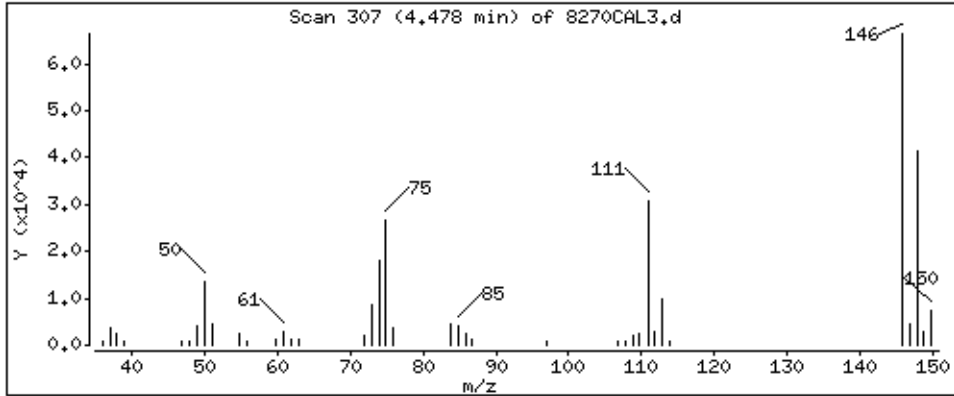
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

20 1,2-Dichlorobenzene

Concentration: 19,6 ug/kg



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

Column diameter: 0.25

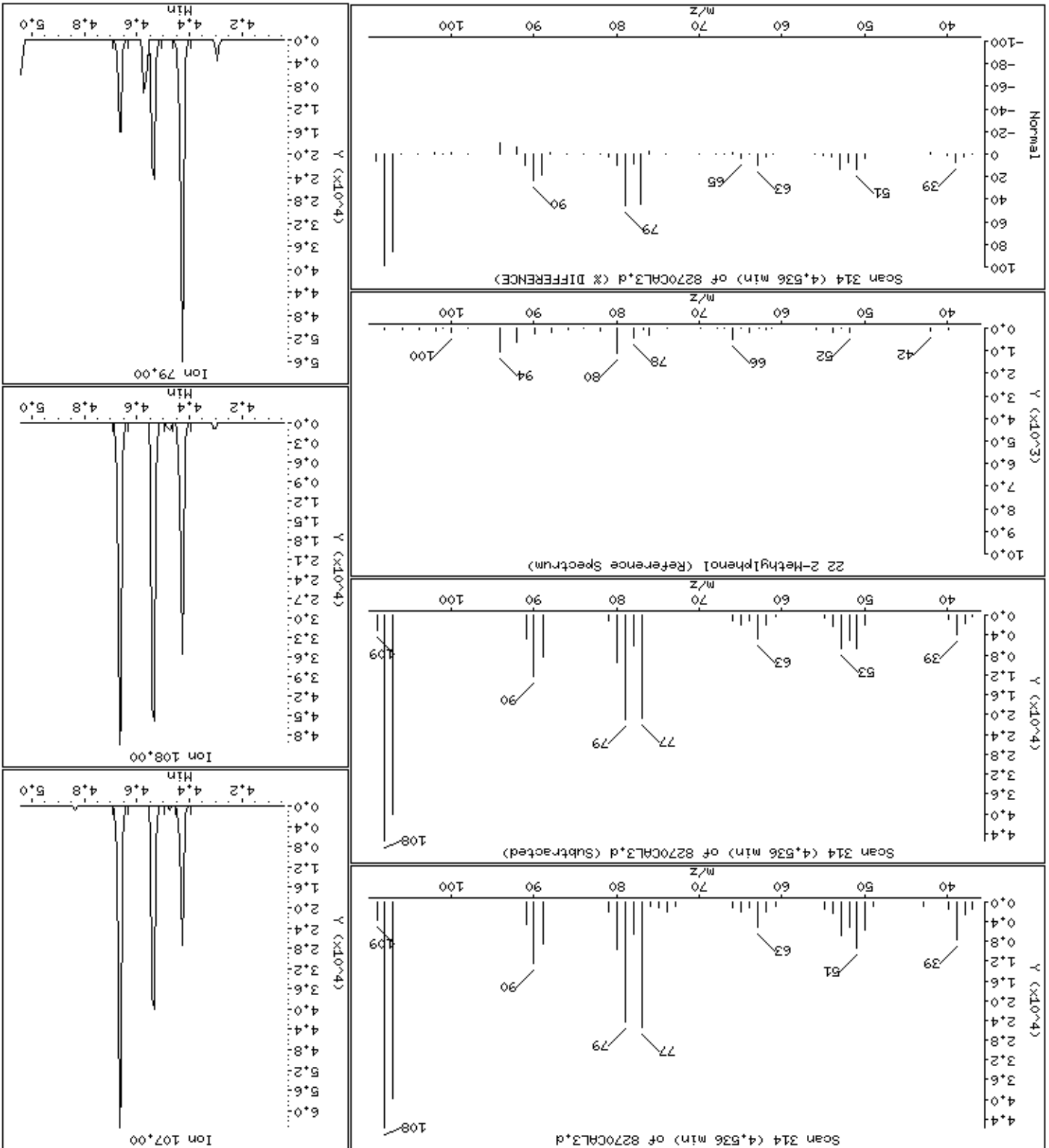
Concentration: 19.2 ug/kg

Instrument: smsd04.i

Data File: \\Svevod04\DJV\chem\smsd04\15411145cal1\8270CAL3.d

22-2-Methylphenol

Column phase: HPMS-5



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

Column diameter: 0.25

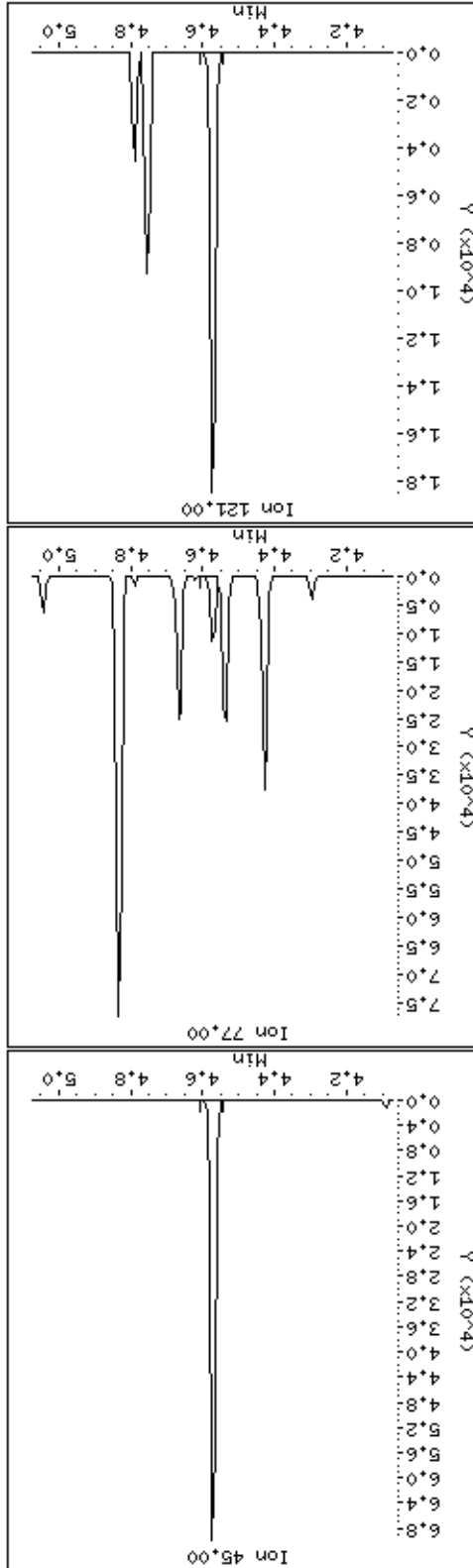
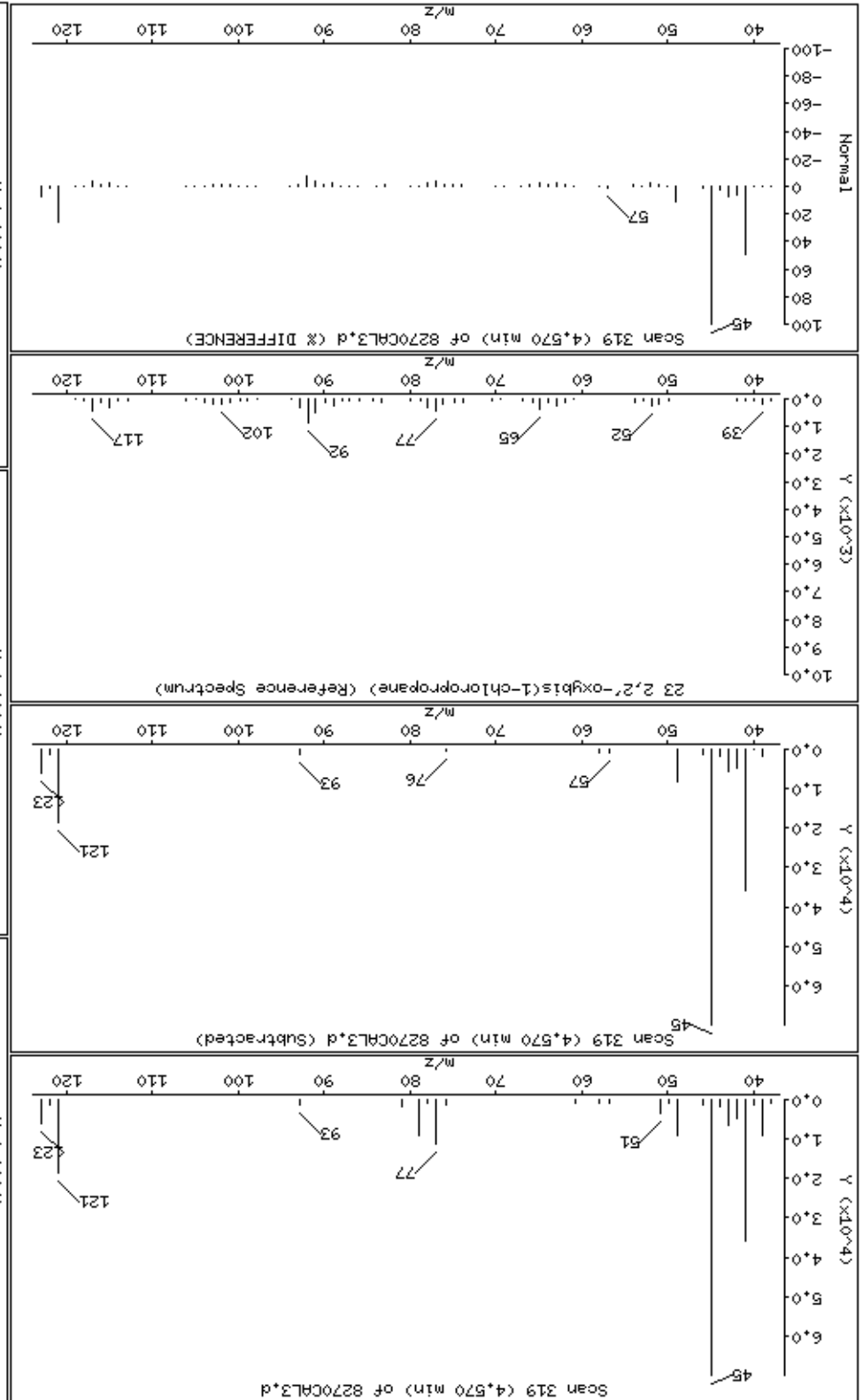
Concentration: 20.2 ug/kg

Instrument: smsd04.1

Data File: \\Svevod04\DD\chem\smsd04\15411145cal.1\8270CAL3.D

23,2,2'-oxybis(1-chloropropane)

Column phase: HPMS-5



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

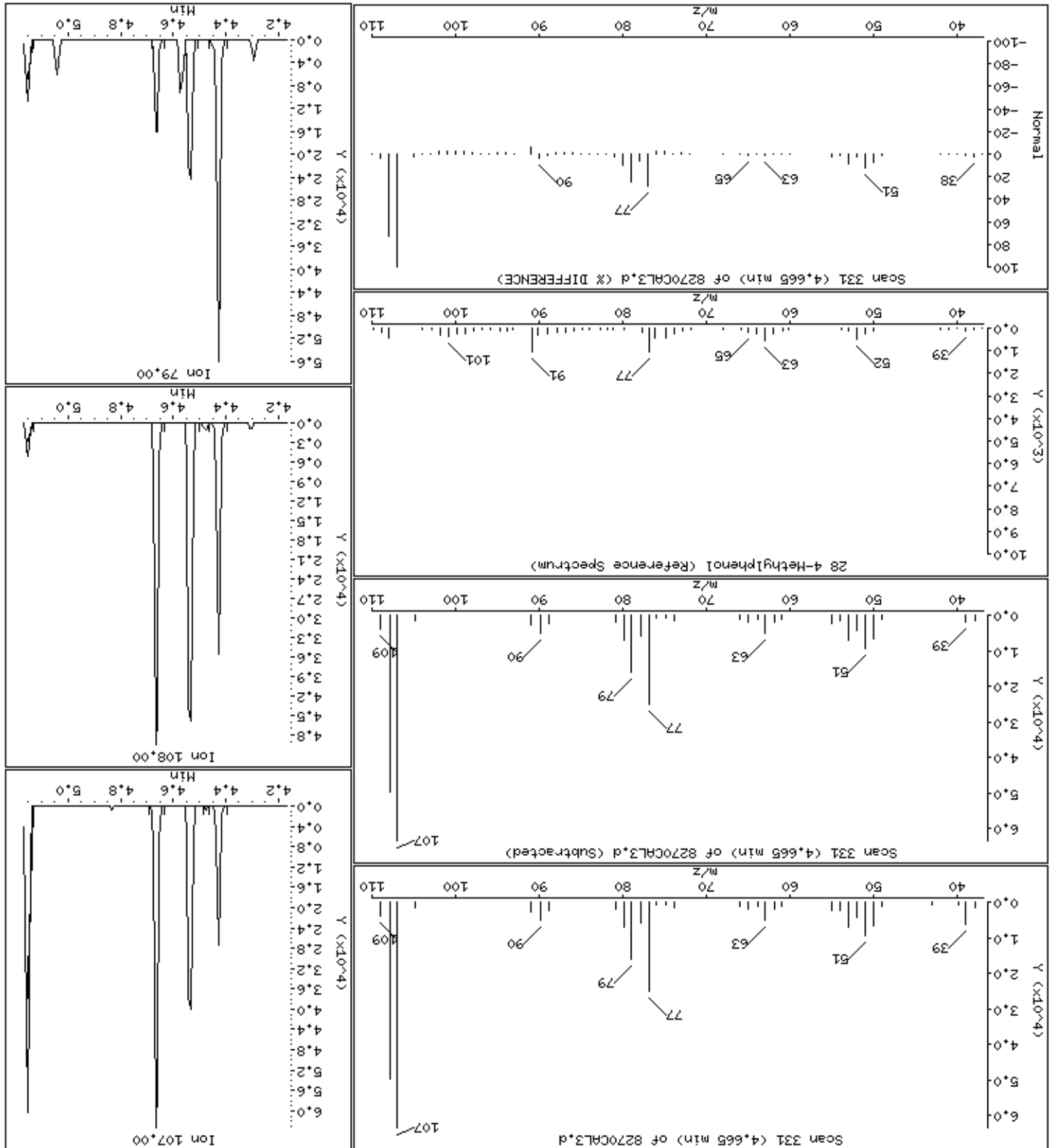
Operator: MJ

Column diameter: 0.25

Concentration: 18.8 ug/kg

Instrument: smsd04.i

Data File: \\Svevod04\DJV\chem\smsd04\15411145cal1\8270CAL3.d





Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

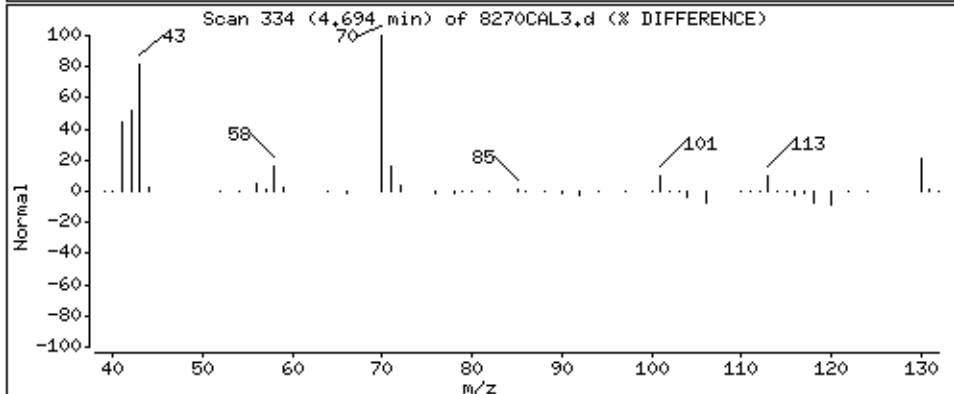
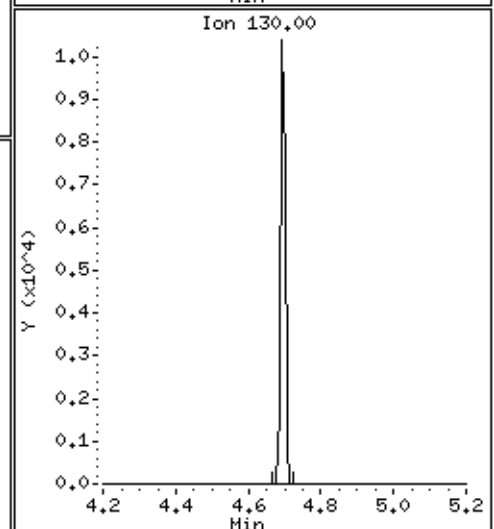
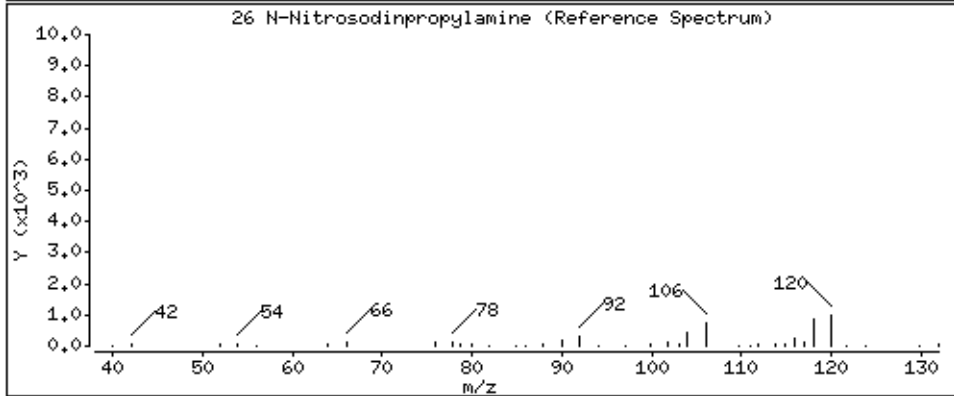
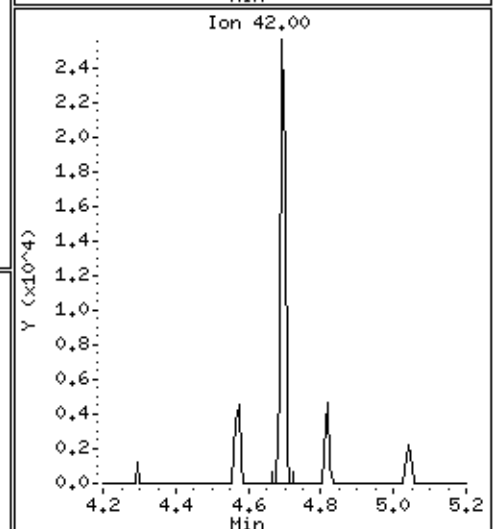
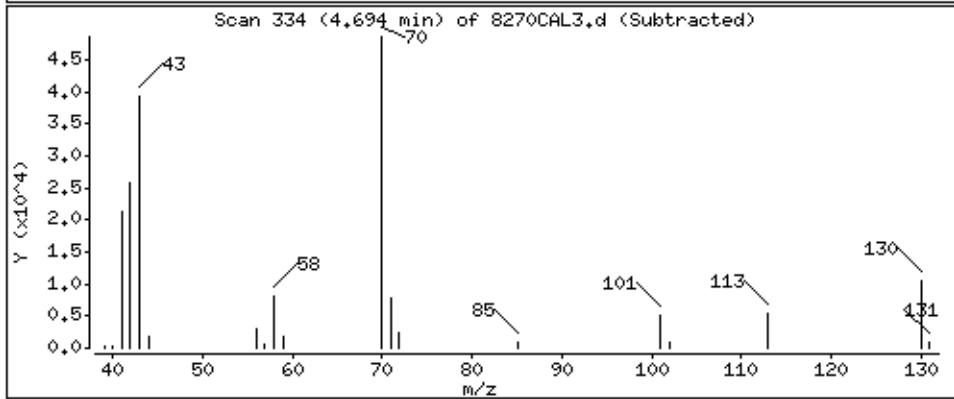
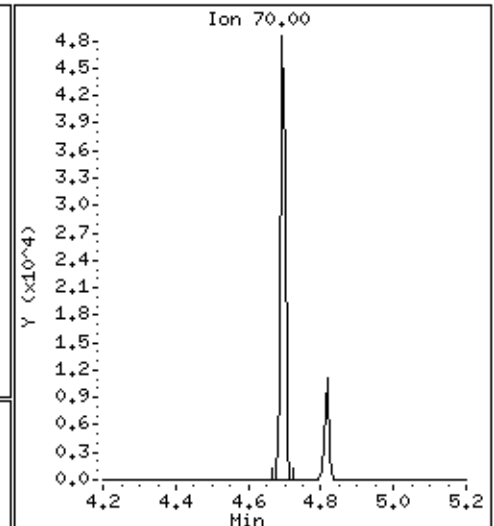
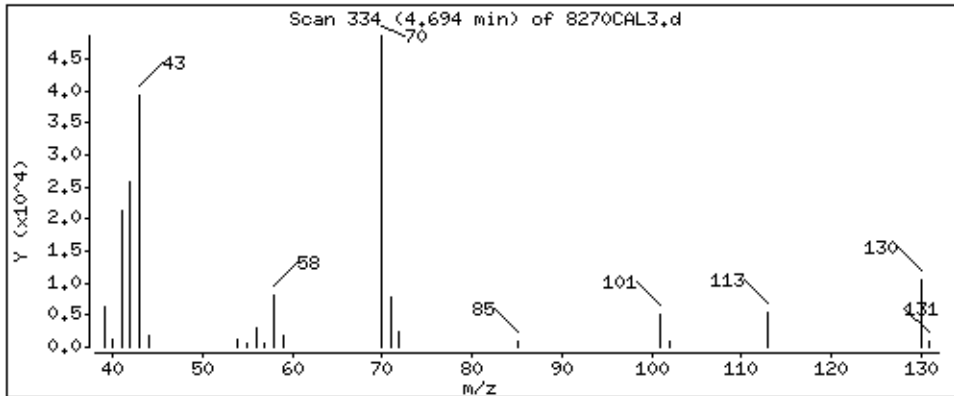
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

26 N-Nitrosodinpropylamine

Concentration: 19,0 ug/kg



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

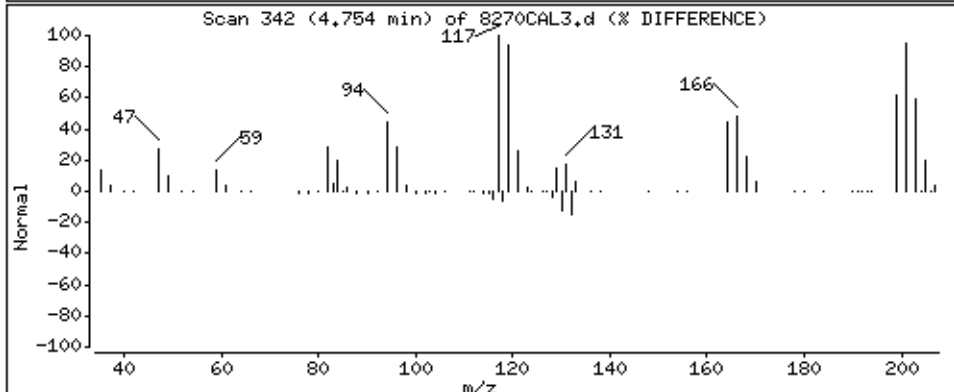
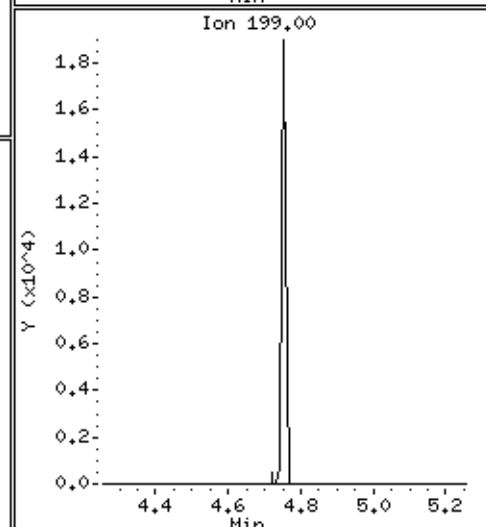
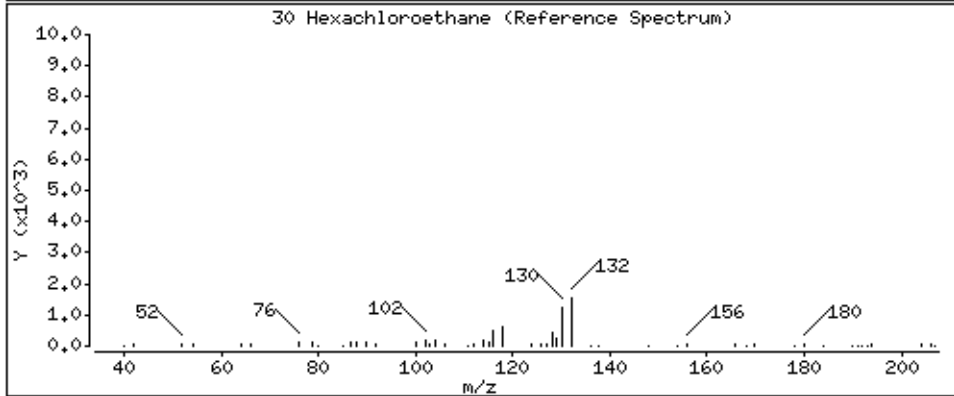
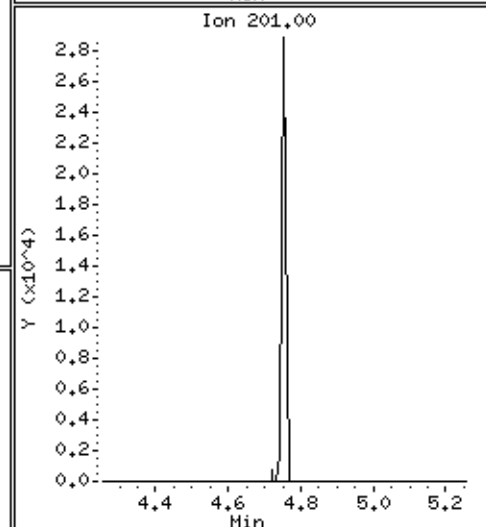
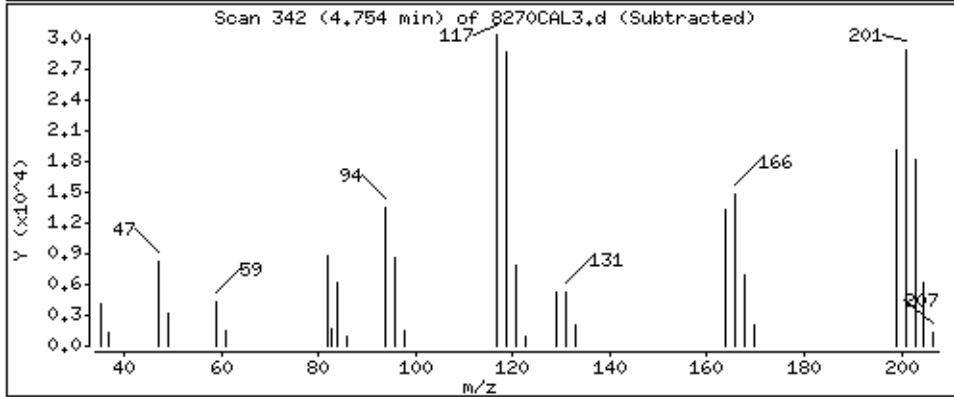
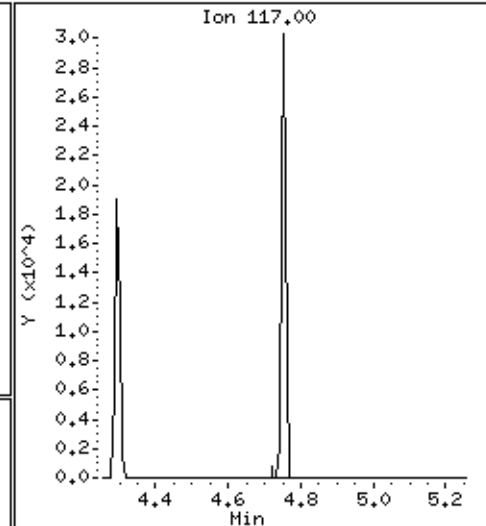
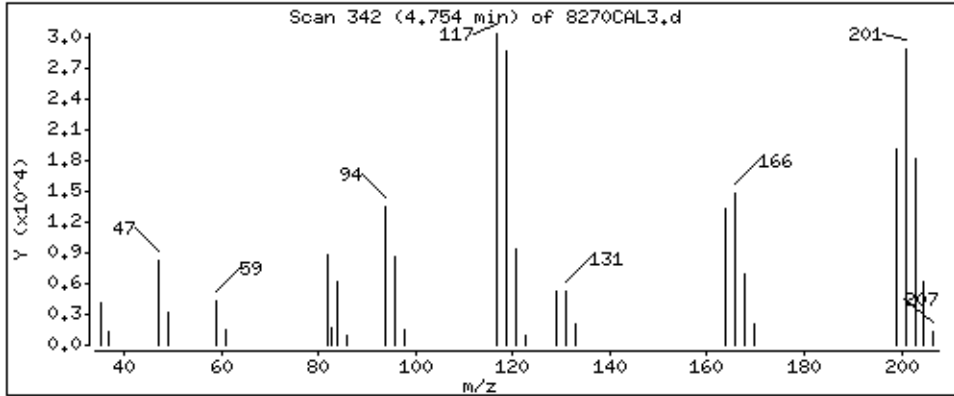
Operator: MJ

Column phase: HPMS-5

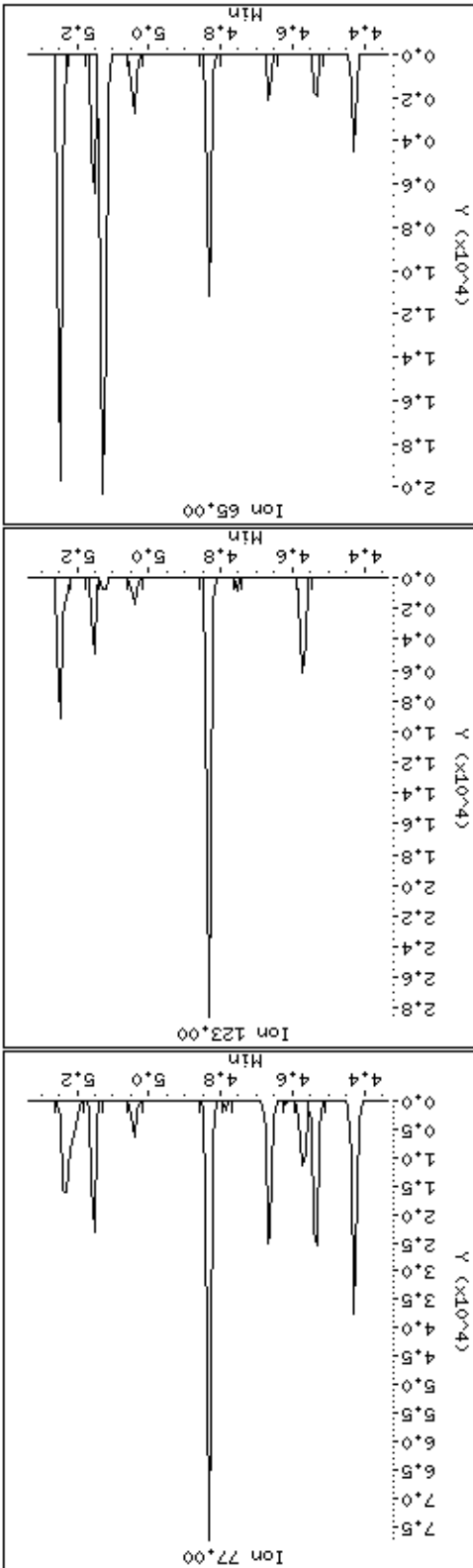
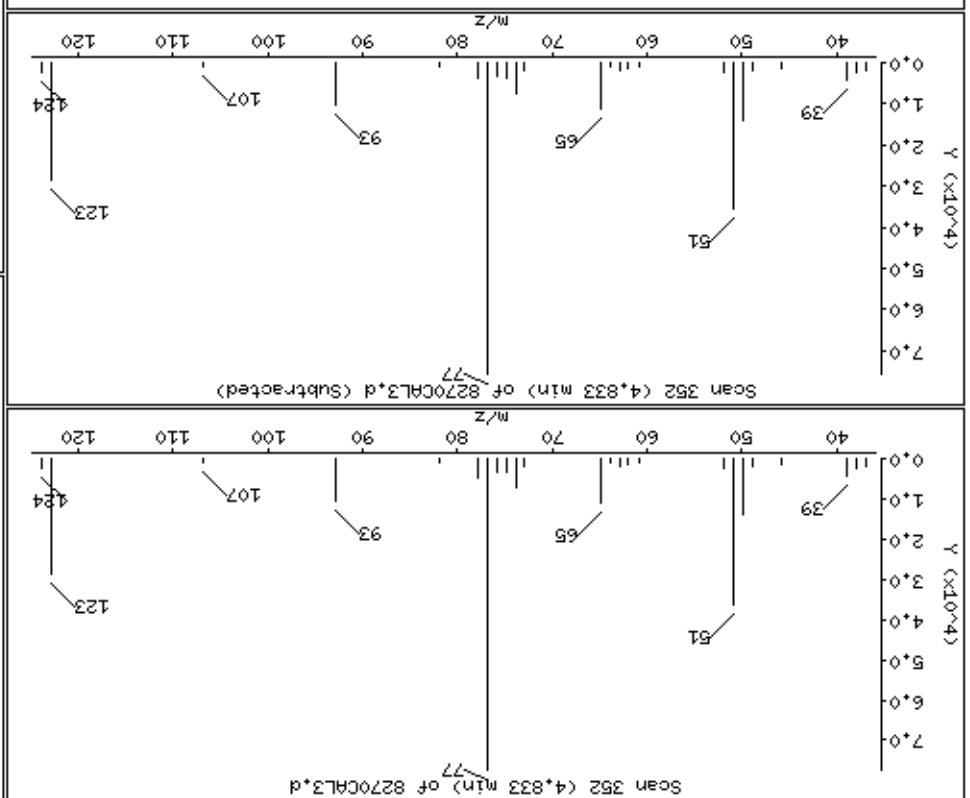
Column diameter: 0,25

30 Hexachloroethane

Concentration: 19,3 ug/kg



32 Nitrobenzene



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

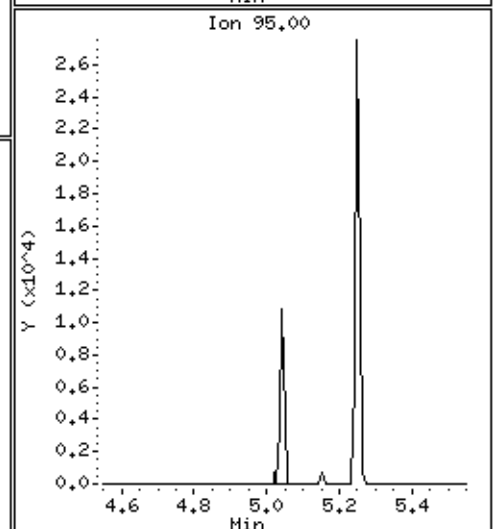
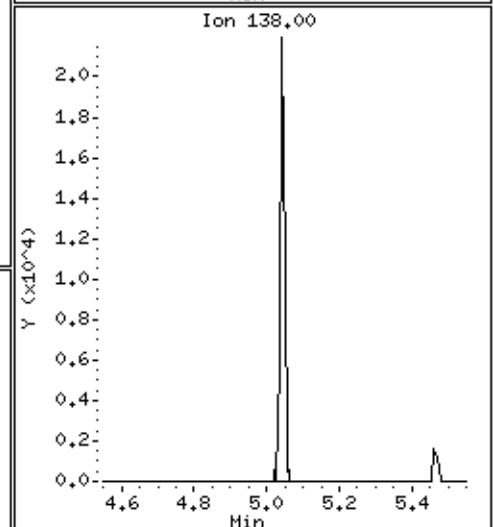
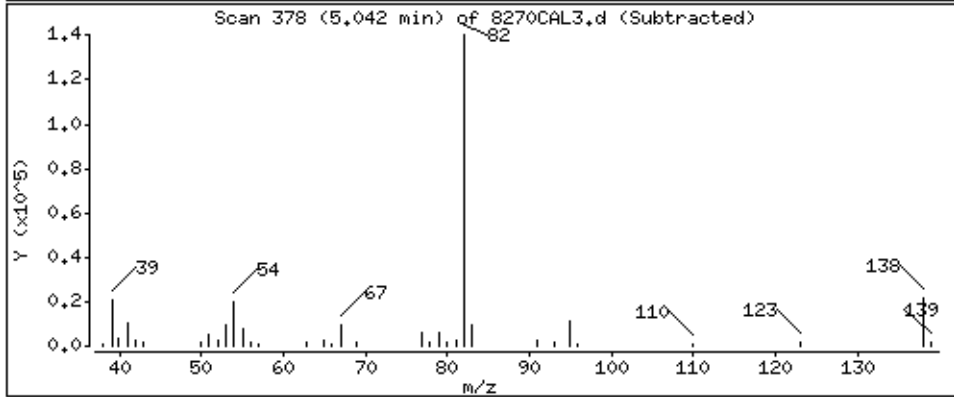
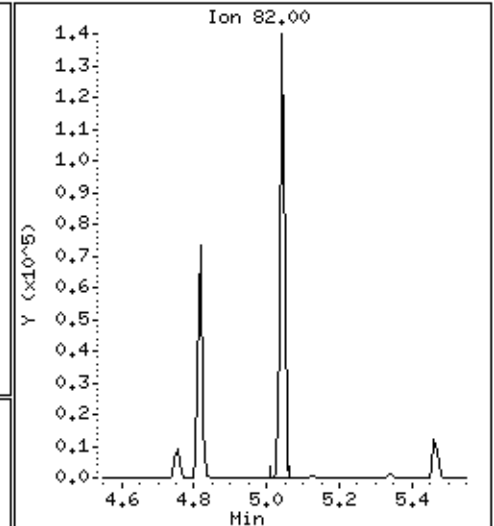
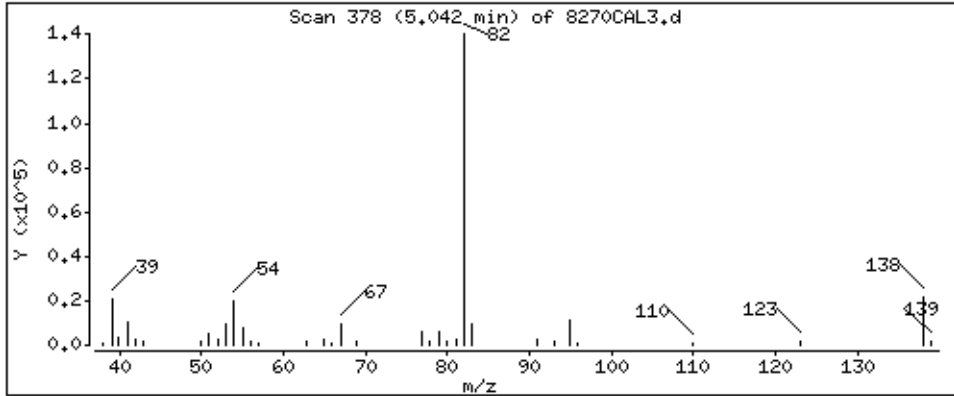
Operator: MJ

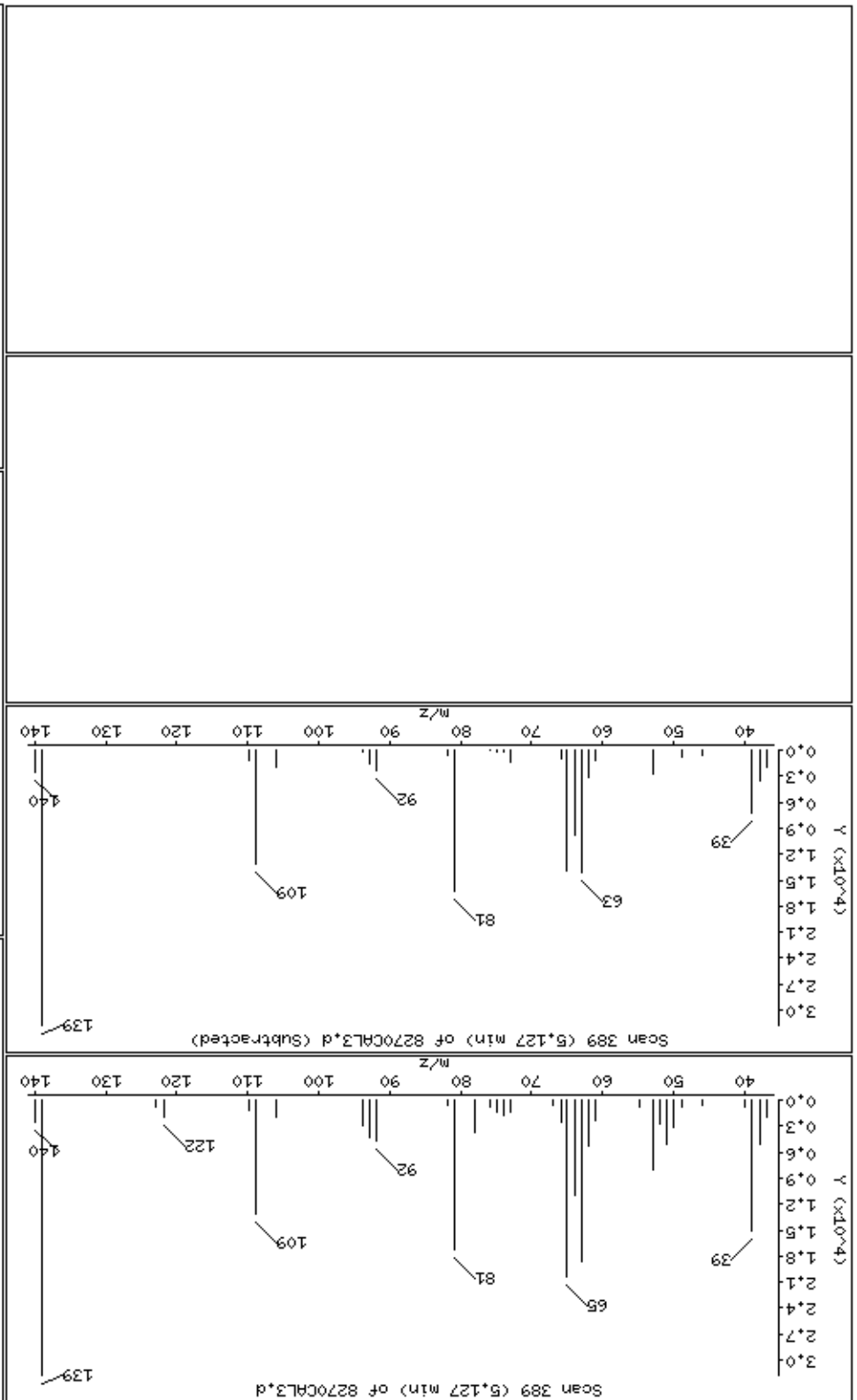
Column phase: HPMS-5

Column diameter: 0,25

34 Isophorone

Concentration: 19,1 ug/kg





Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

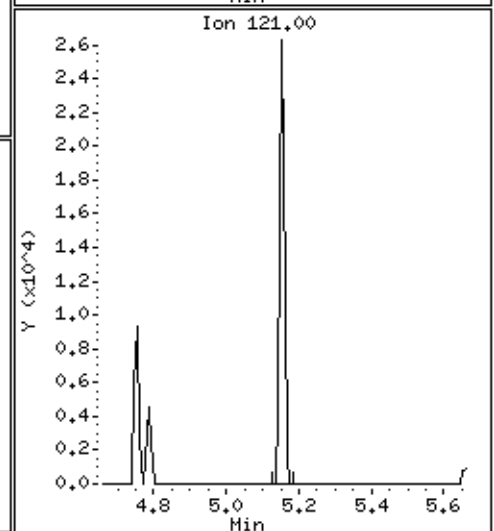
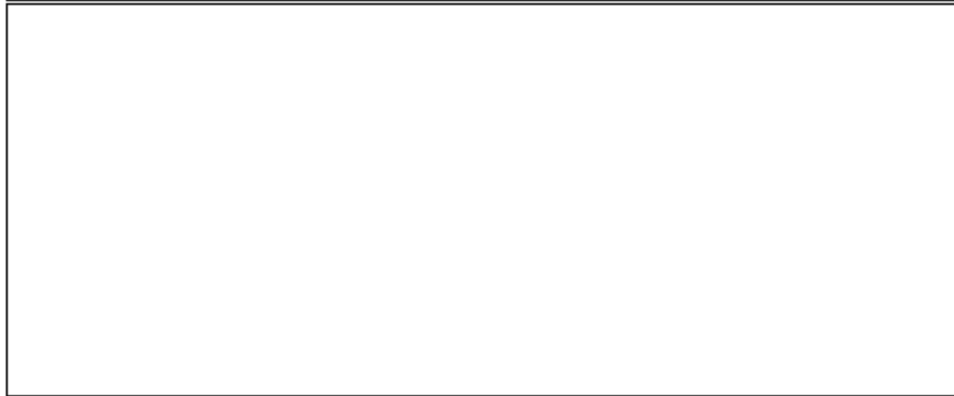
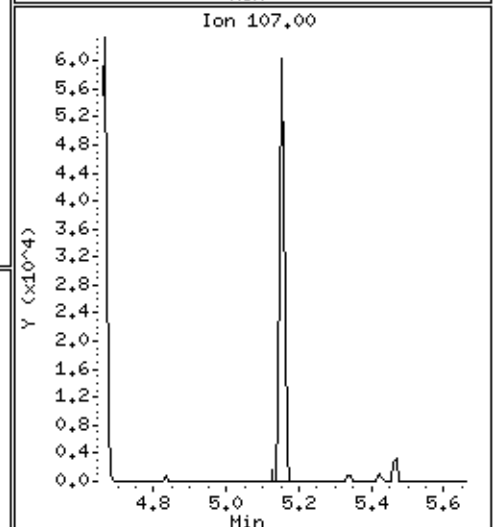
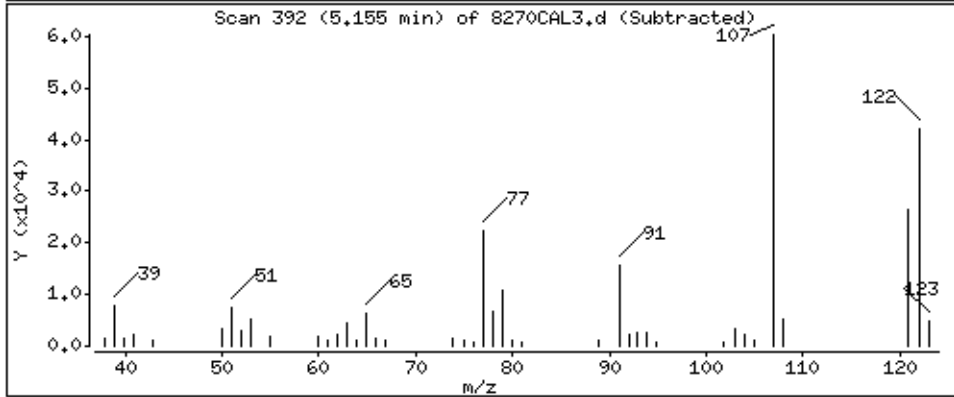
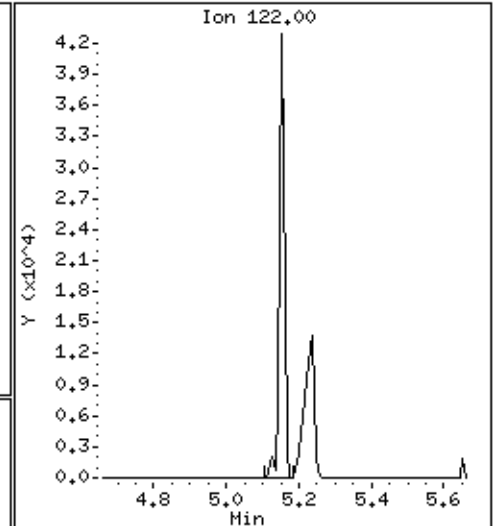
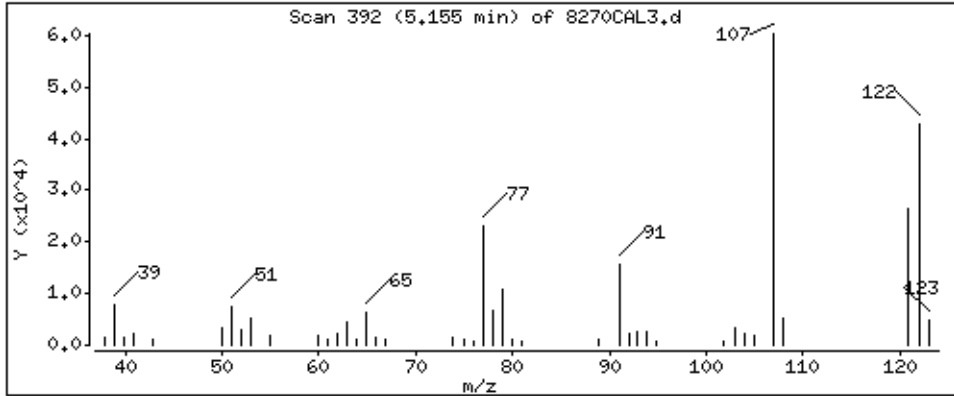
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

36 2,4-Dimethylphenol

Concentration: 18,2 ug/kg



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

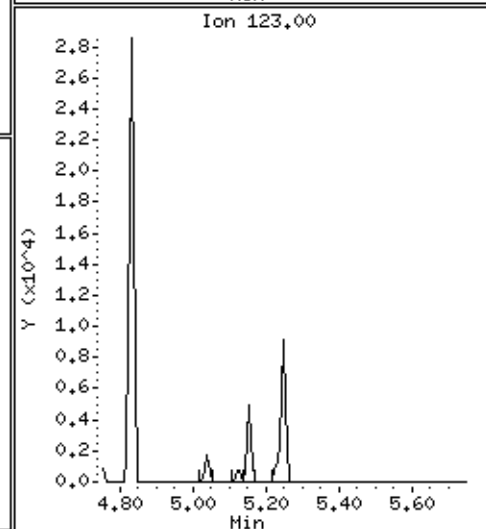
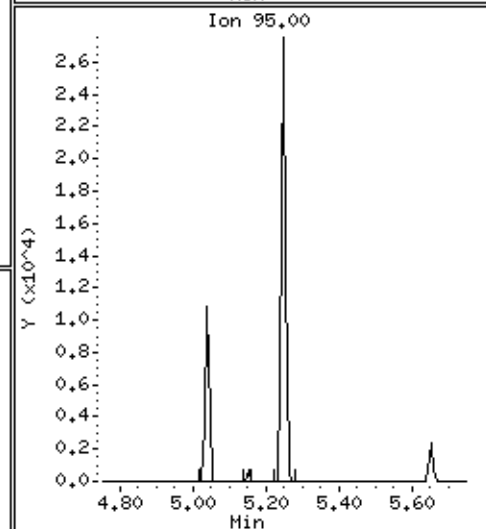
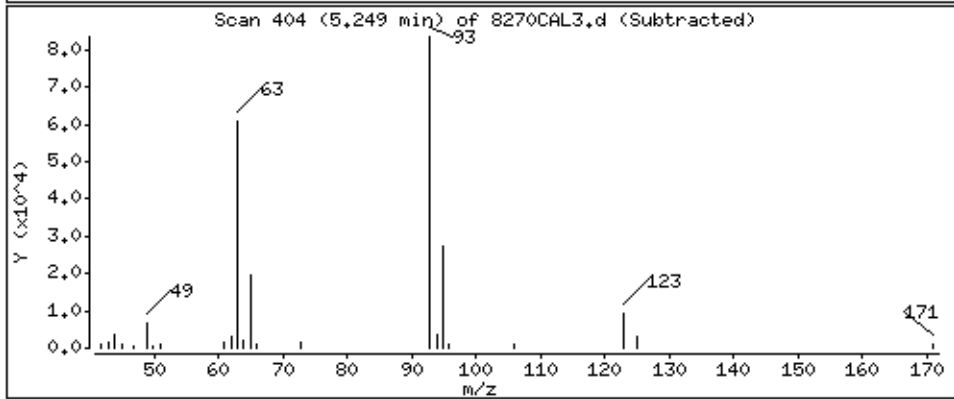
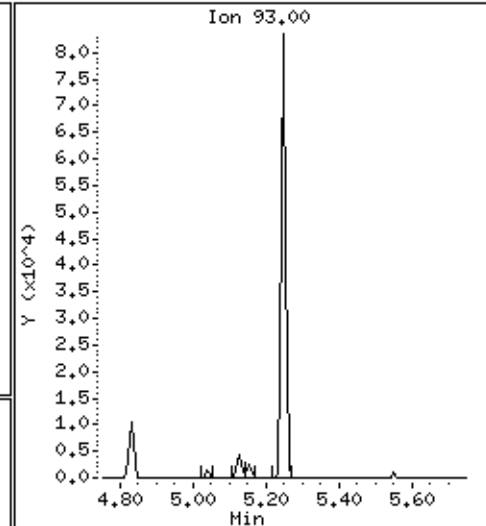
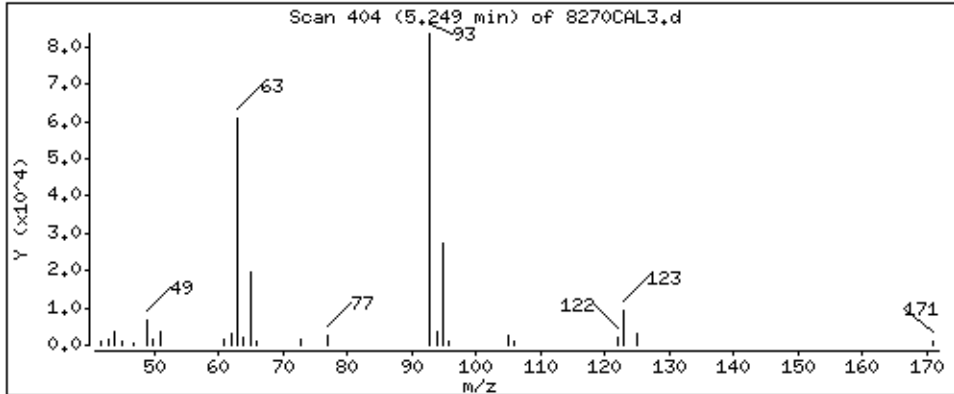
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

38 Bis(2-Chloroethoxy)methane

Concentration: 19,4 ug/kg



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

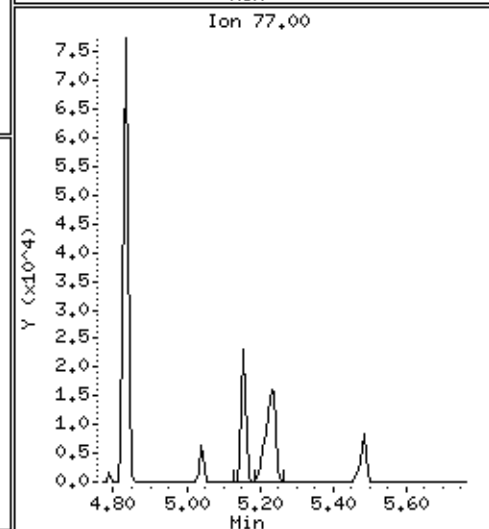
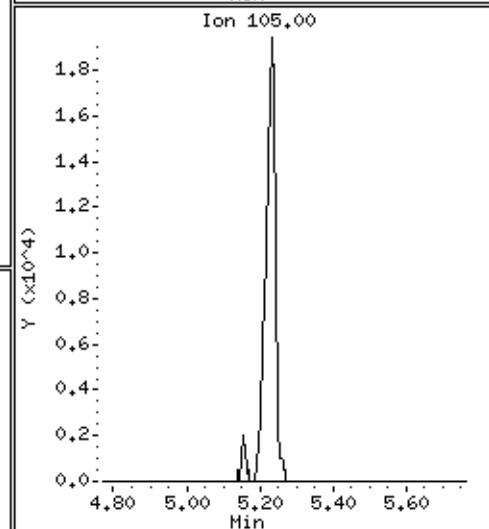
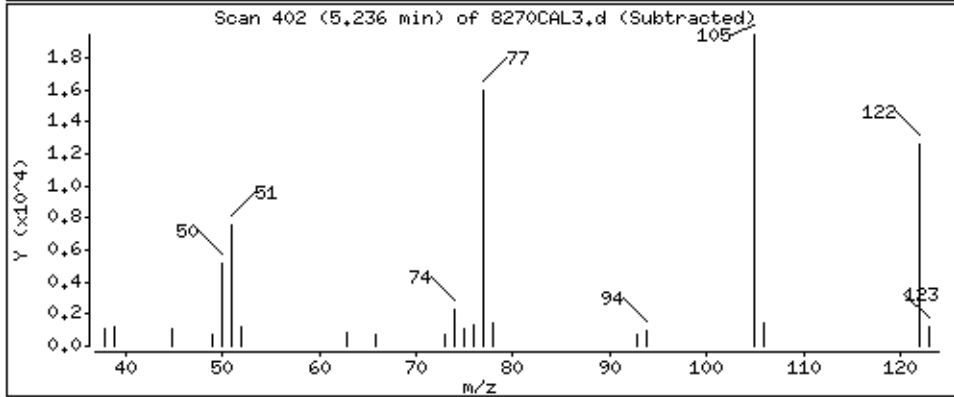
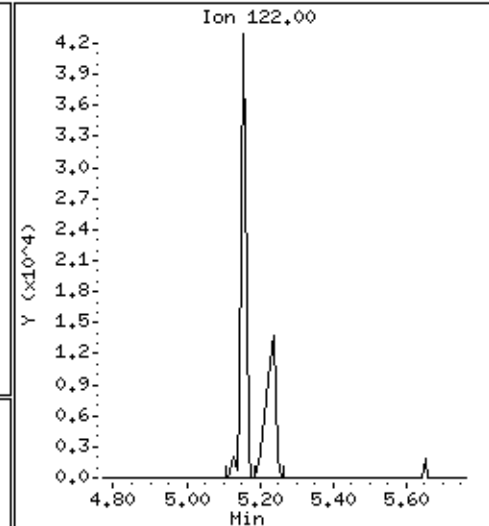
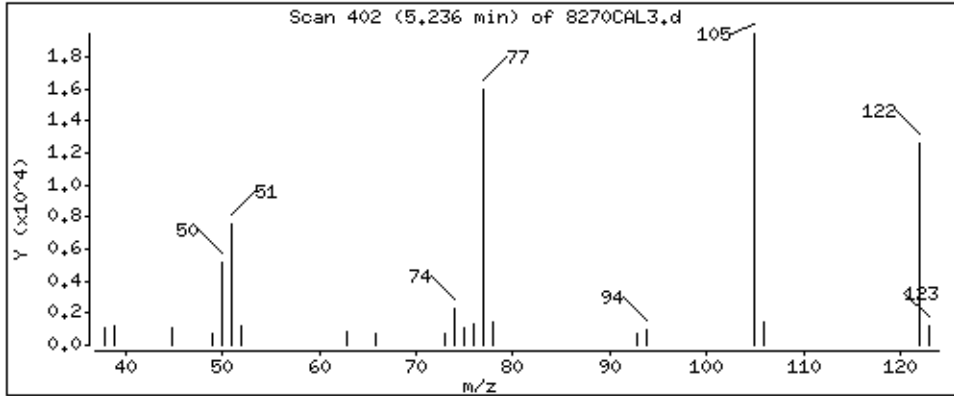
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

40 Benzoic Acid

Concentration: 21,7 ug/kg





Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

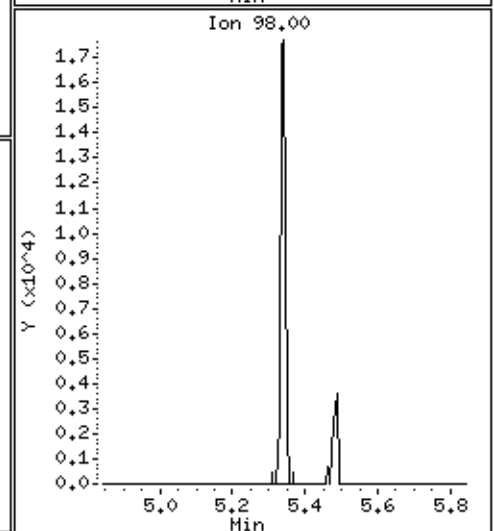
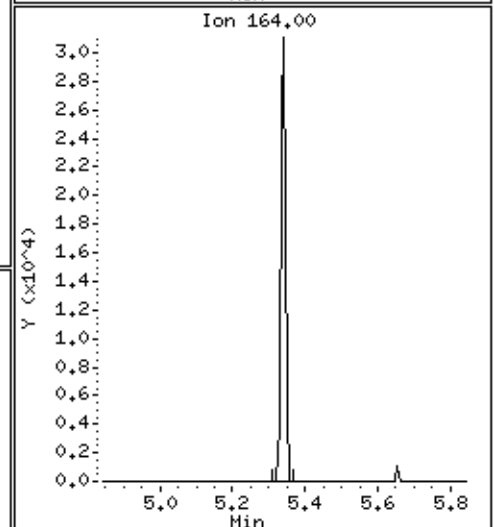
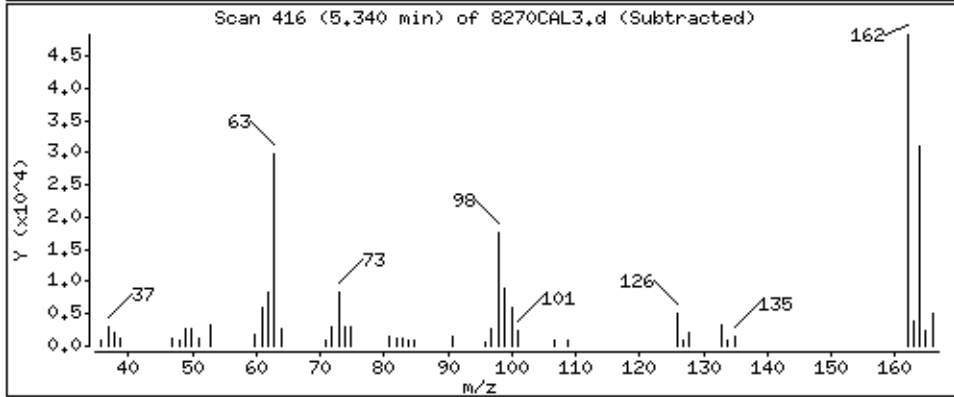
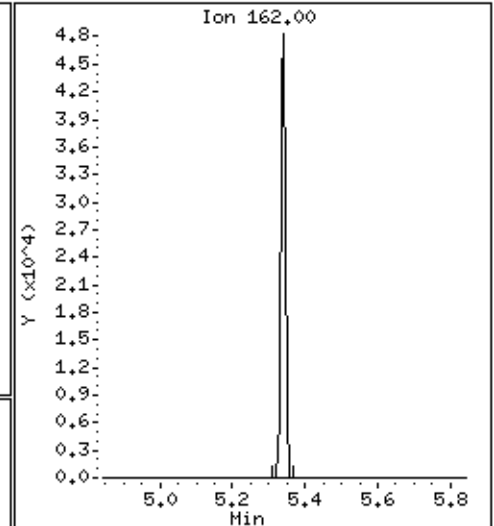
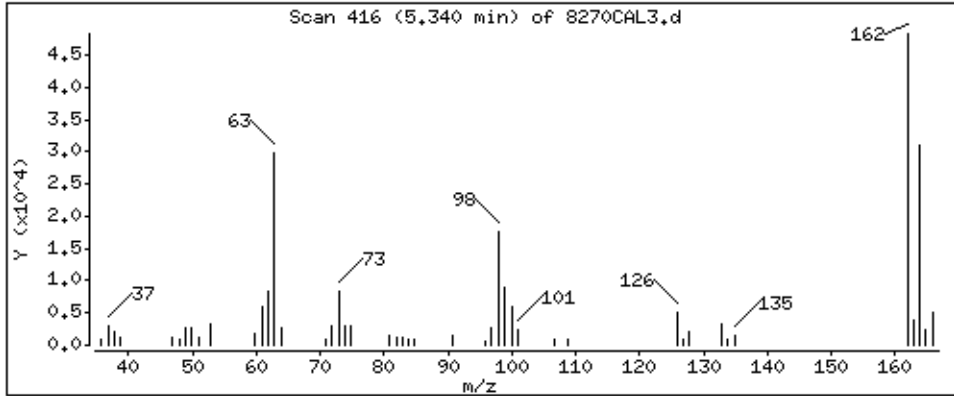
Operator: MJ

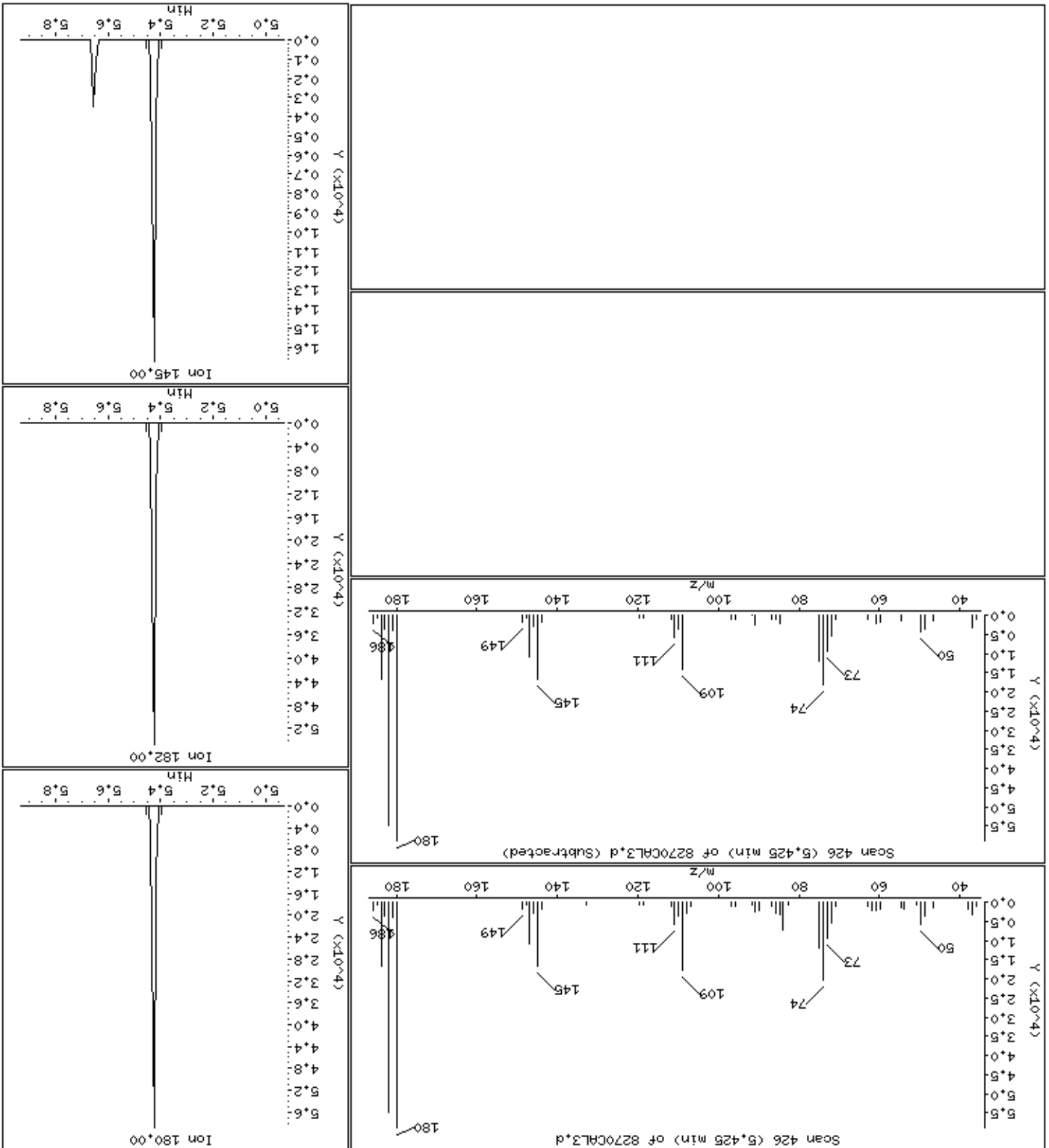
Column phase: HPMS-5

Column diameter: 0,25

41 2,4-Dichlorophenol

Concentration: 18,9 ug/kg





Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

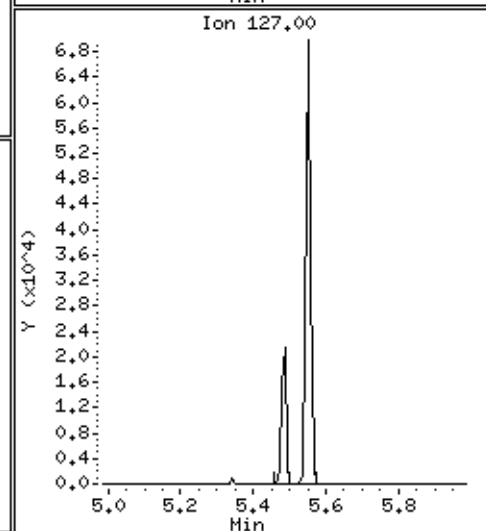
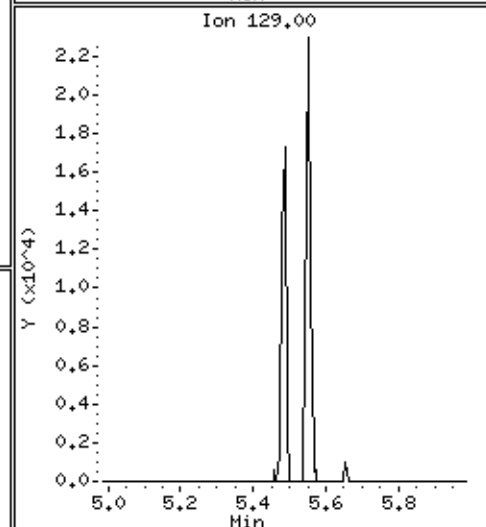
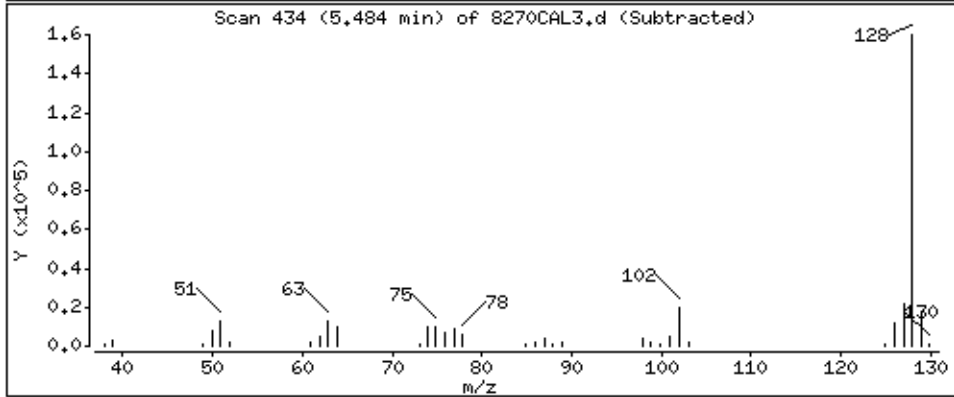
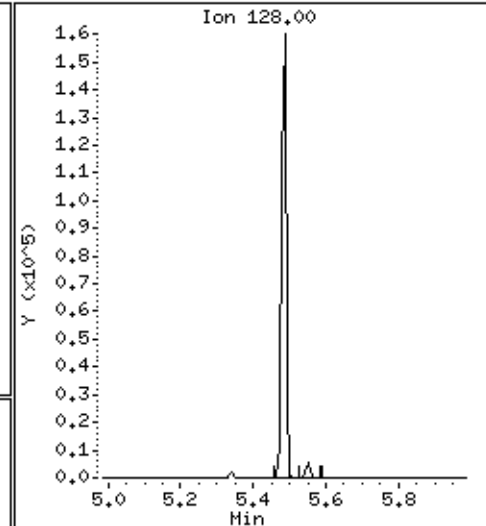
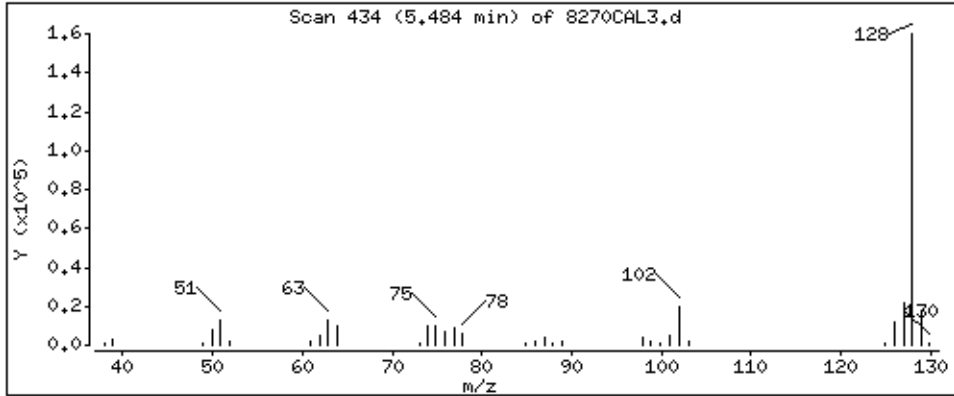
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

44 Naphthalene

Concentration: 19,3 ug/kg



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

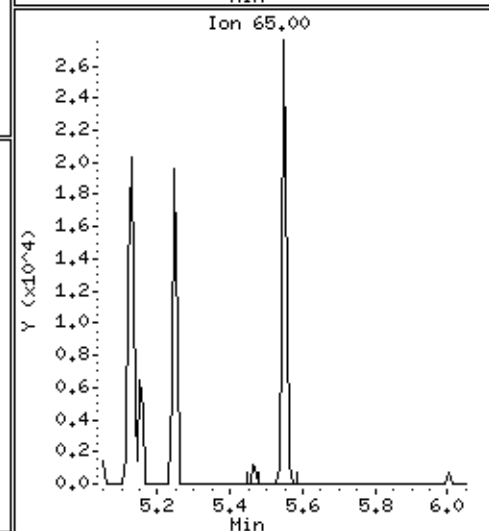
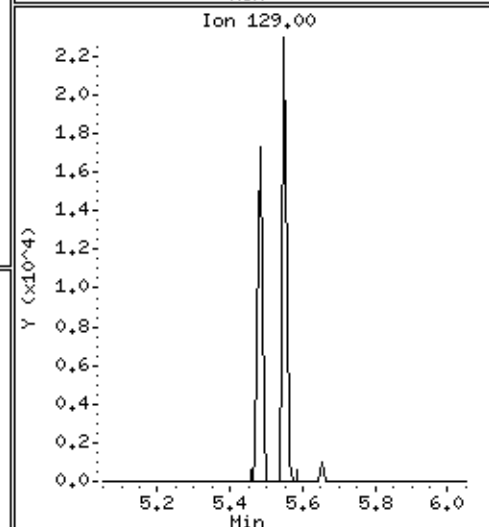
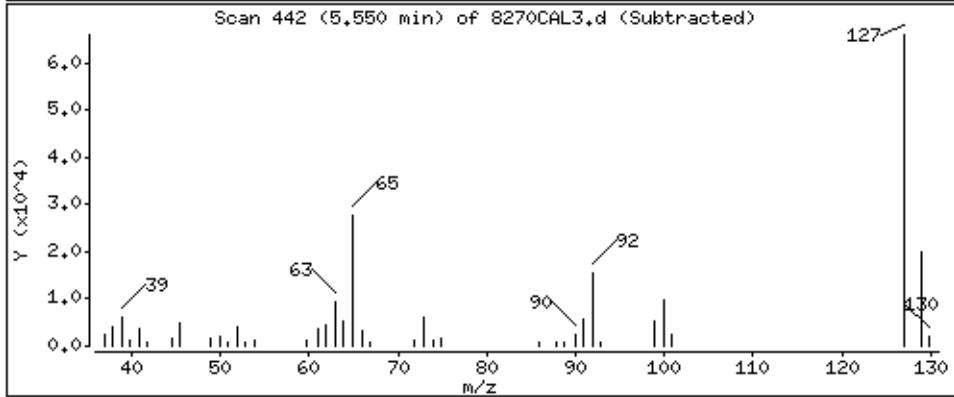
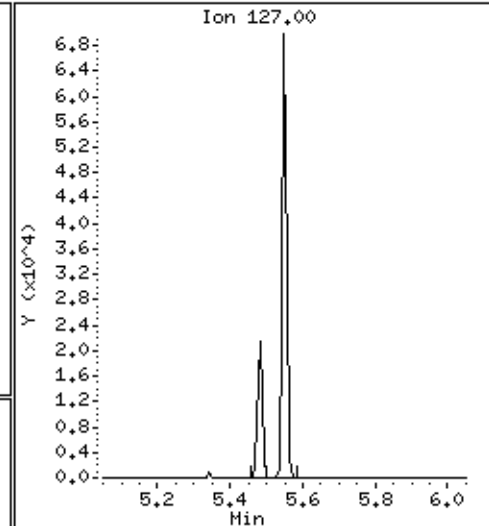
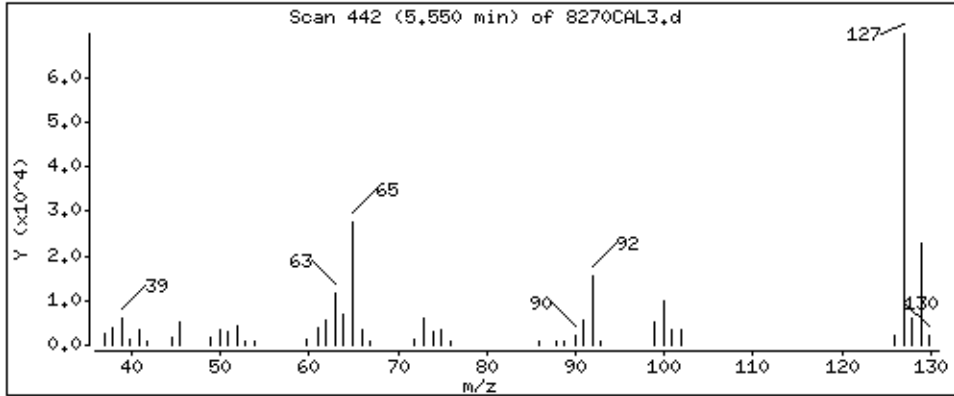
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

45 4-Chloroaniline

Concentration: 19,1 ug/kg



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

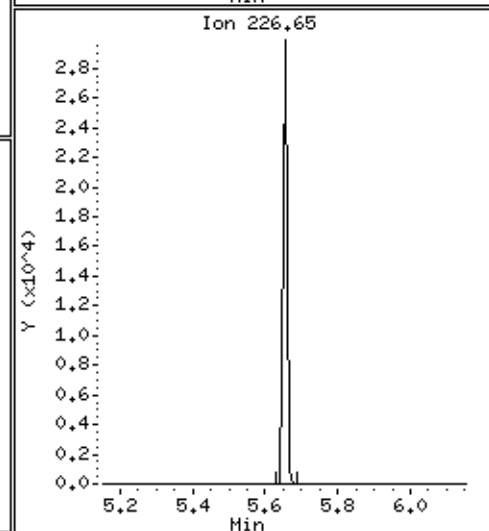
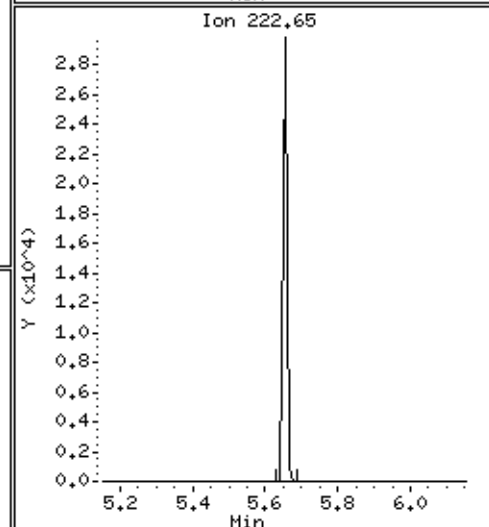
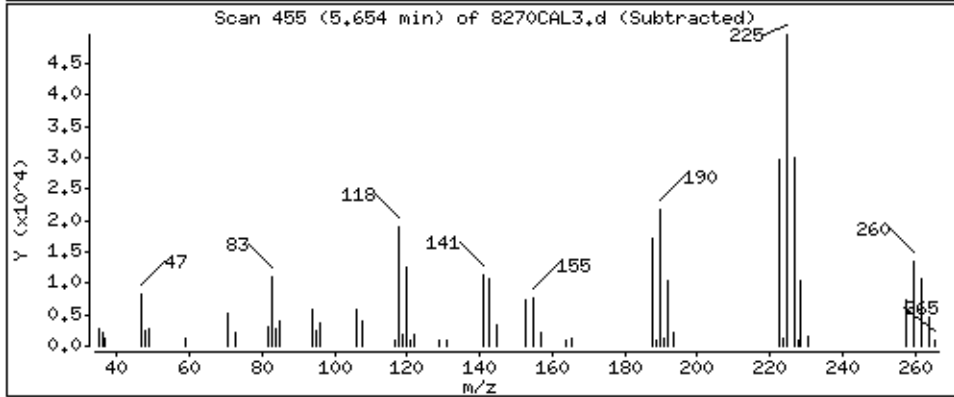
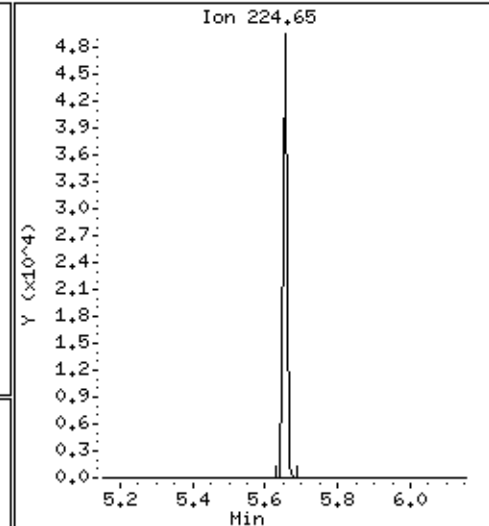
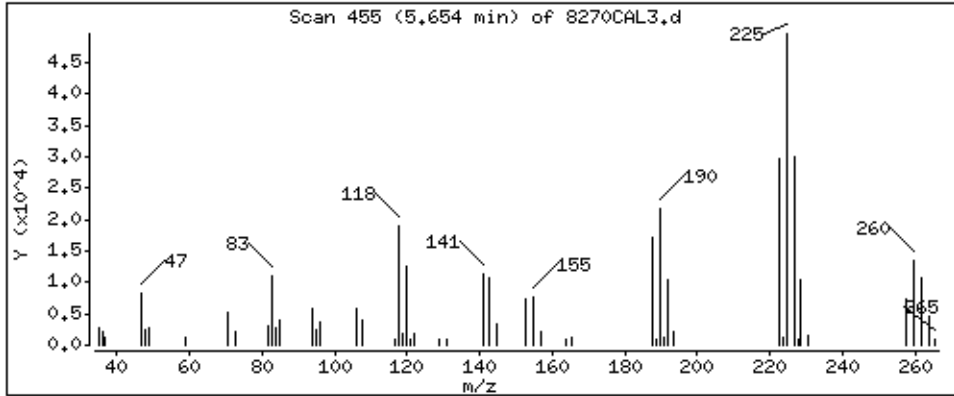
Operator: MJ

Column phase: HPMS-5

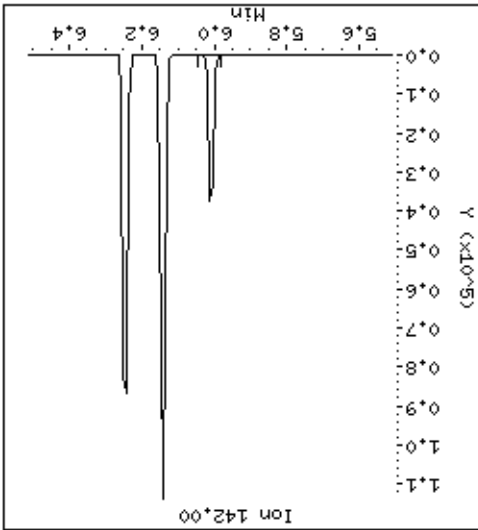
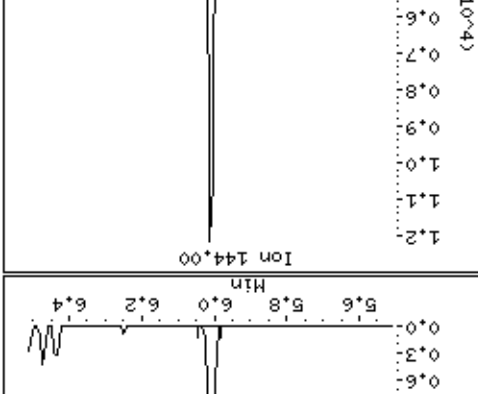
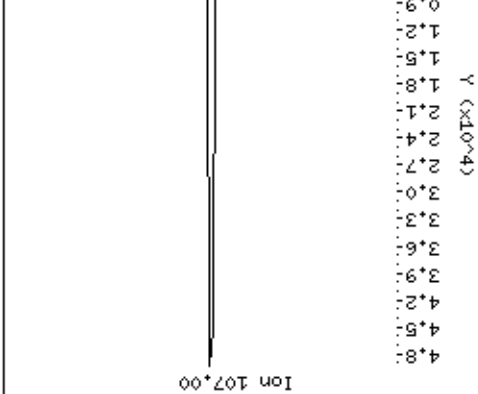
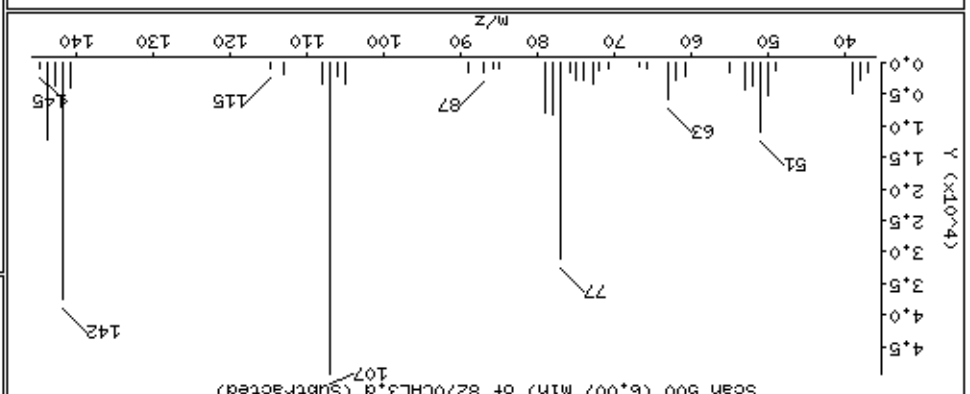
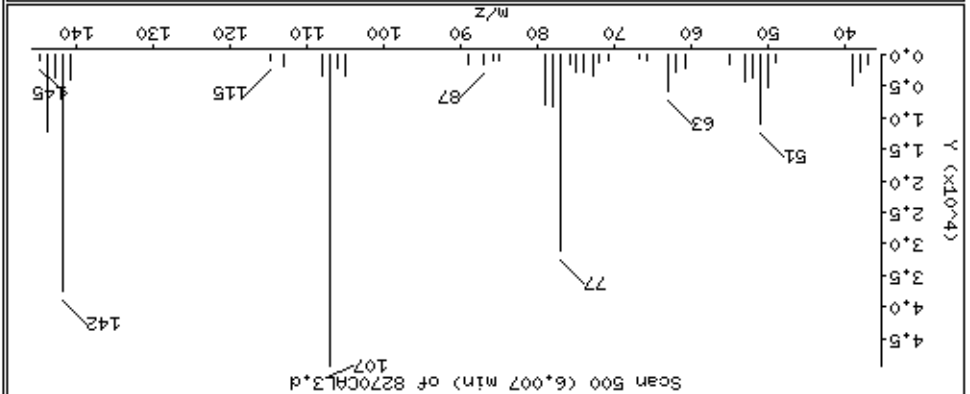
Column diameter: 0,25

48 Hexachlorobutadiene

Concentration: 19,6 ug/kg

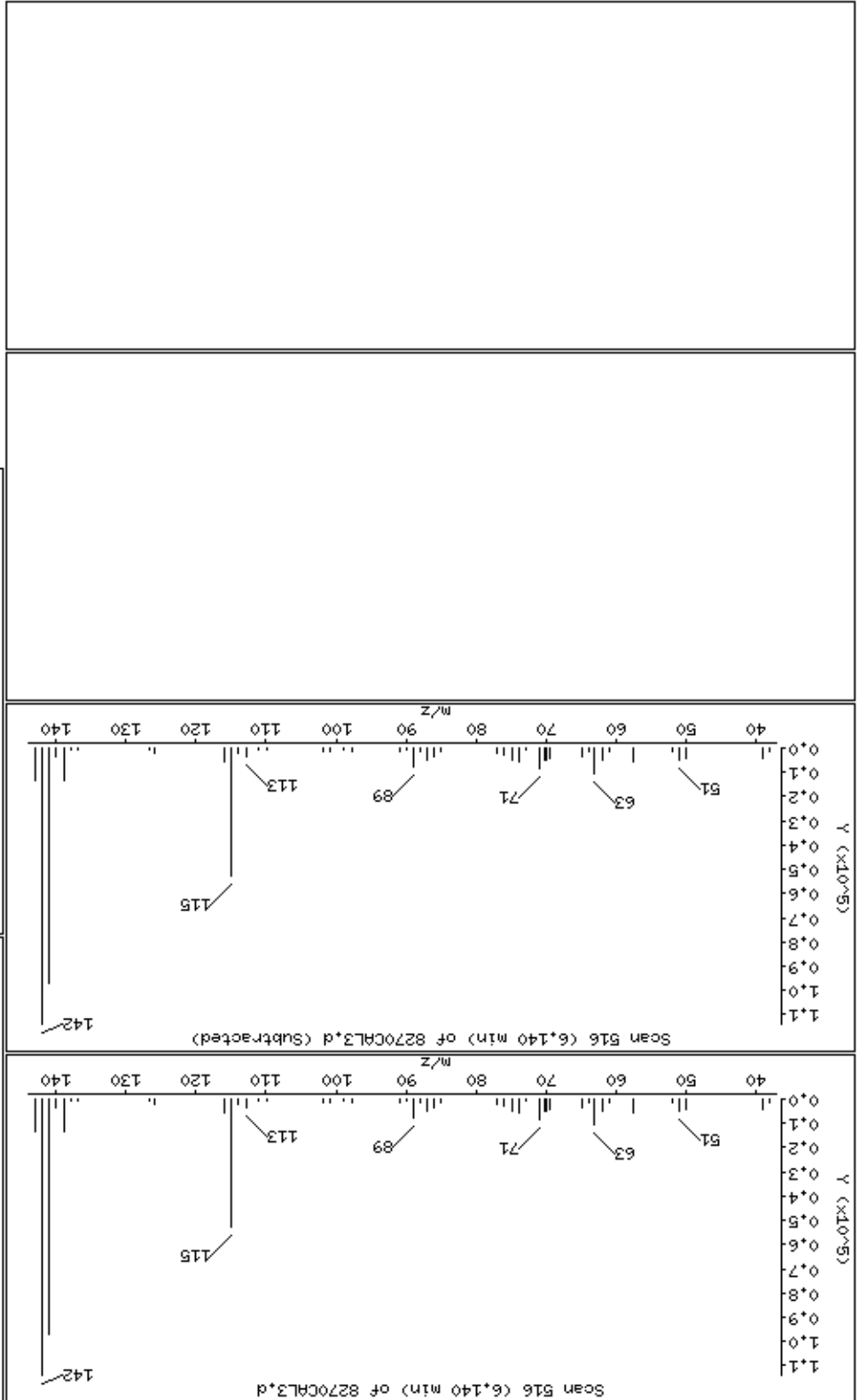


51-4-Chloro-3-methylphenol



53 2-methylnaphthalene

Column phase: HPMS-5



Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 4767

Operator: MJ

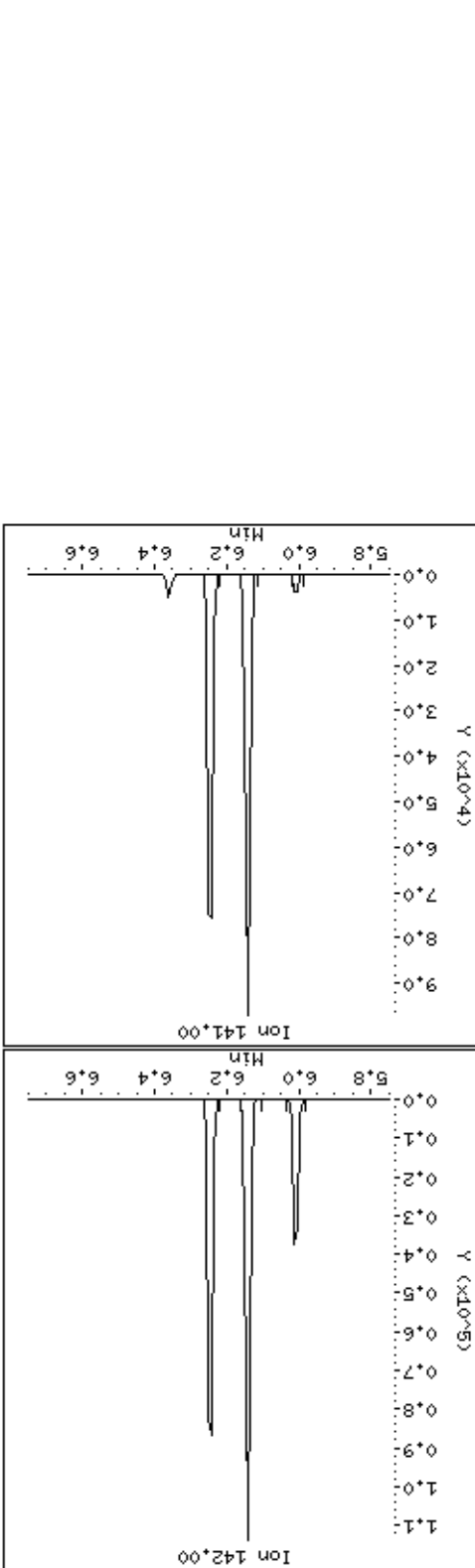
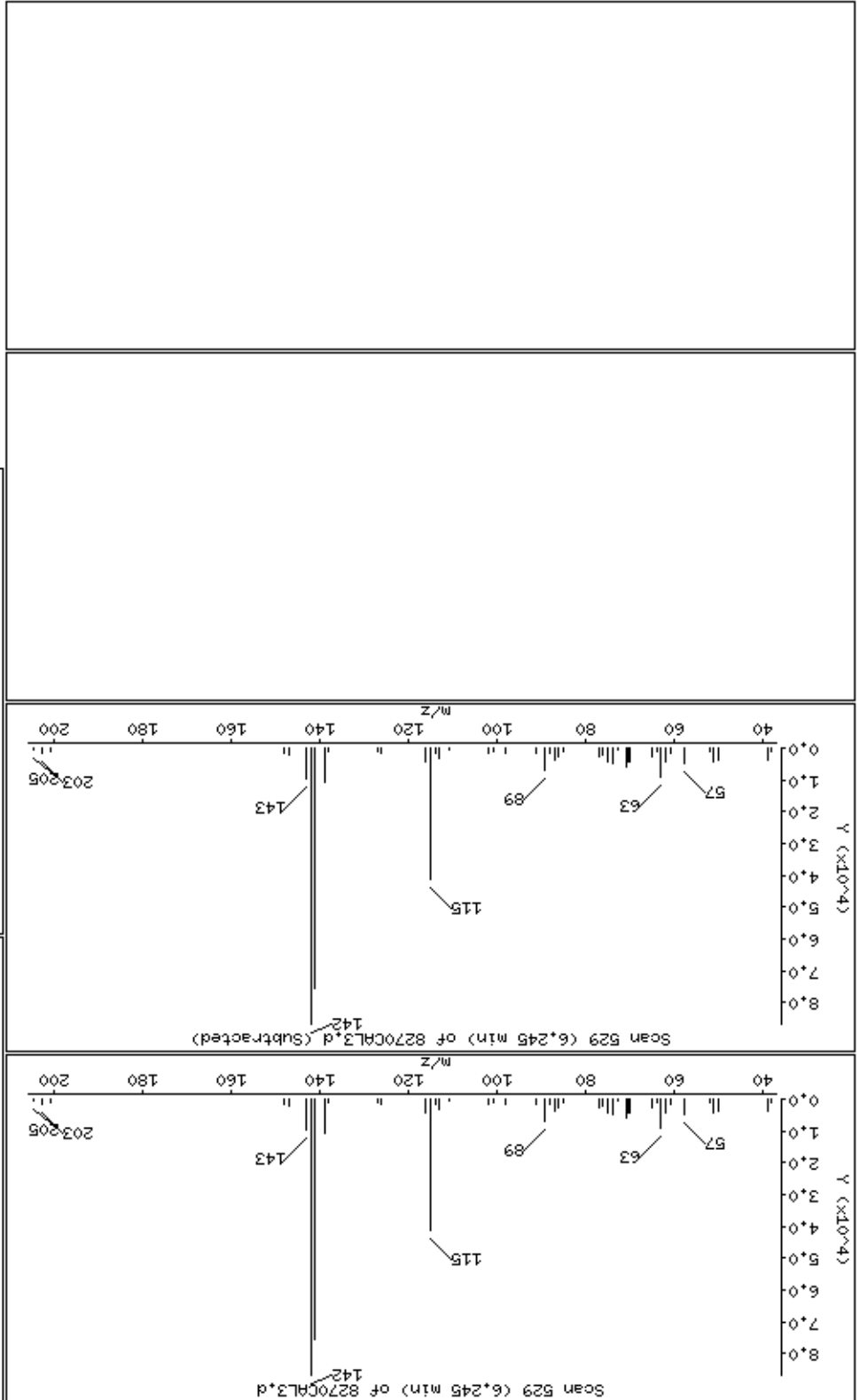
Column diameter: 0.25

Concentration: 18.7 ug/kg

54 1-methylnaphthalene

Column phase: HPMS-5

Instrument: smsd04.1





Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

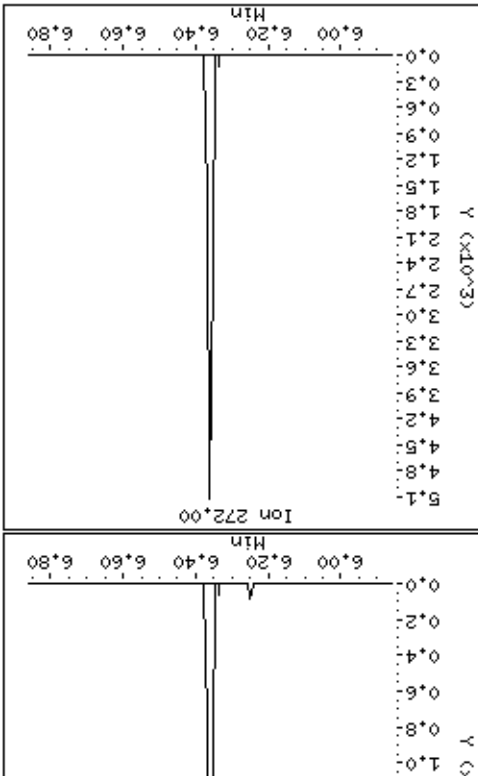
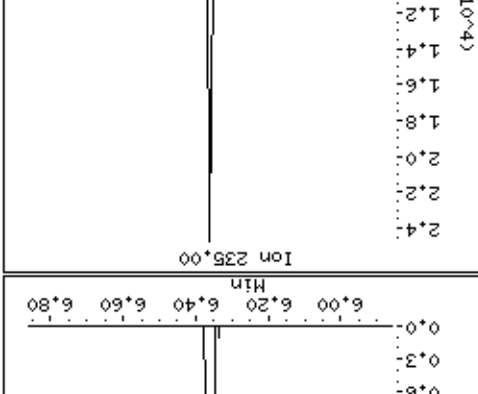
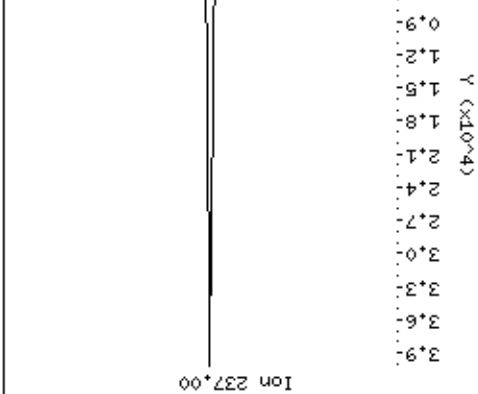
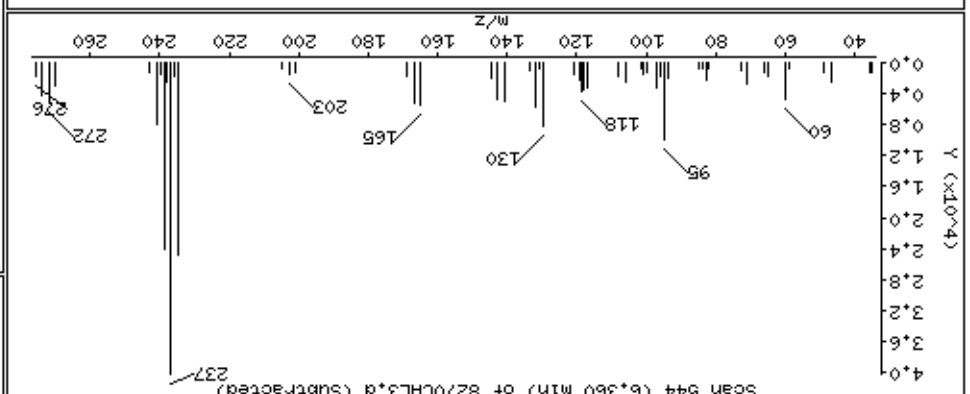
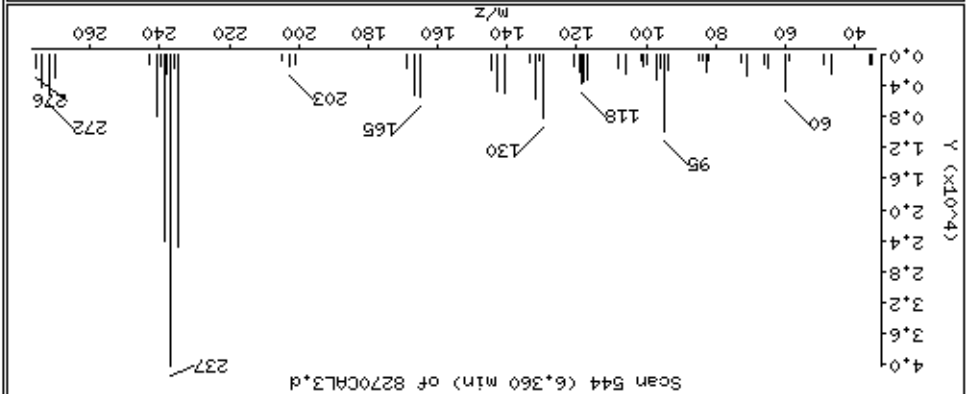
Operator: MJ

Column diameter: 0.25

Concentration: 22.8 ug/kg

Instrument: smsd04.1

55 Hexachlorocyclopentadiene



Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

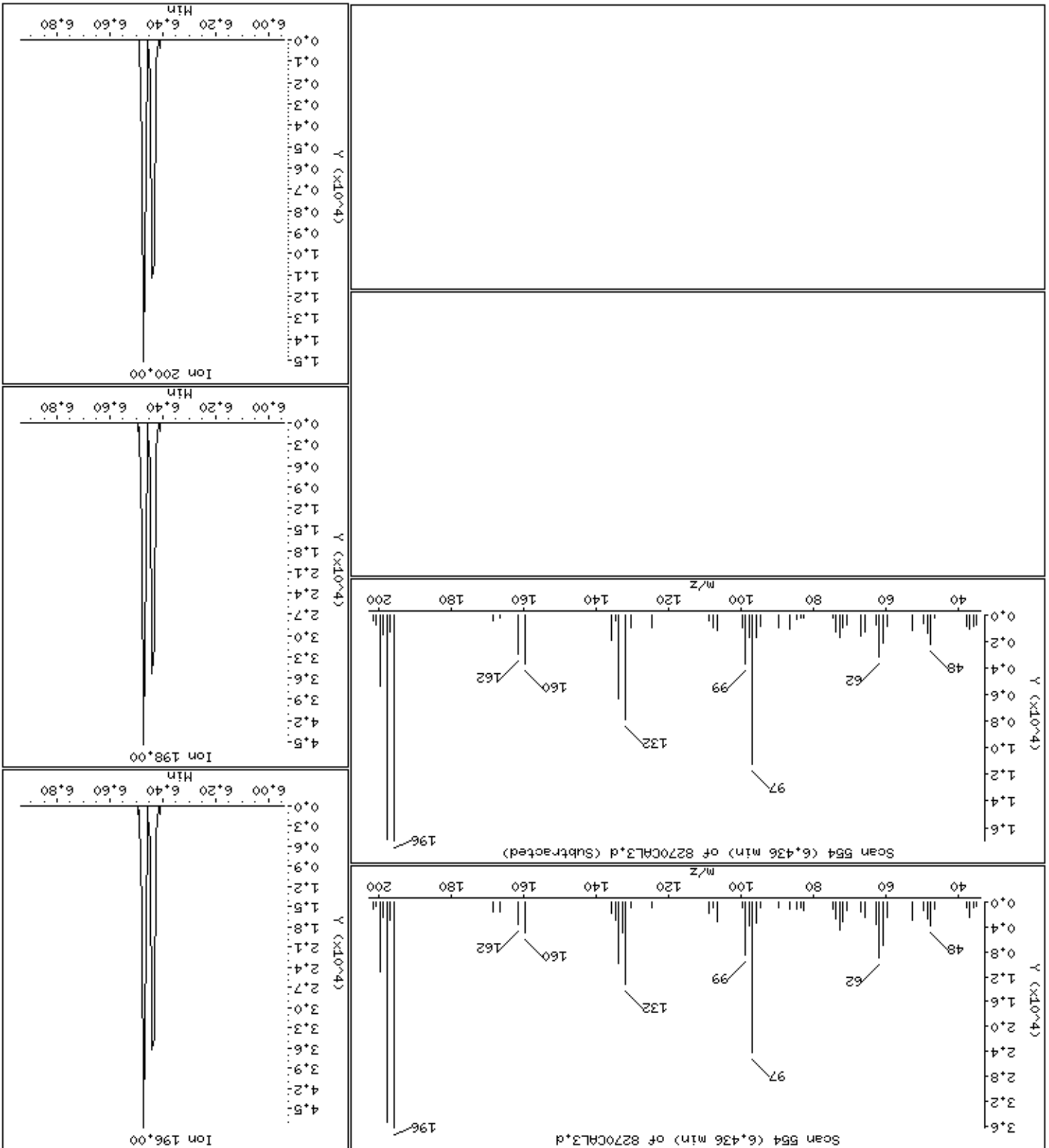
Column diameter: 0.25

Concentration: 19.6 ug/kg

Instrument: smsd04.1

57,2,4,6-Trichlorophenol

Column phase: HPMS-5



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

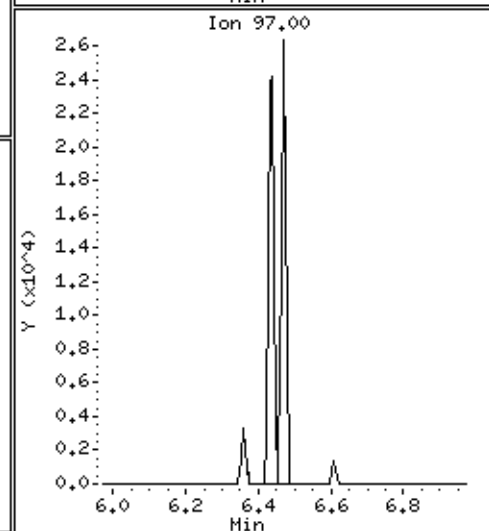
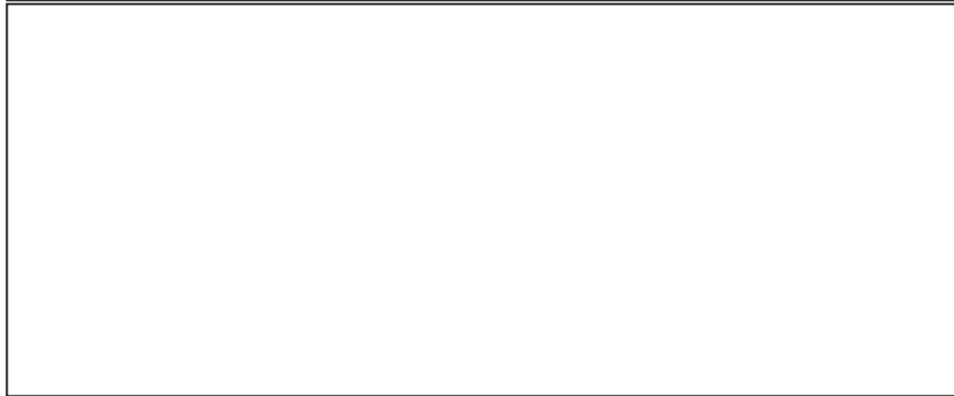
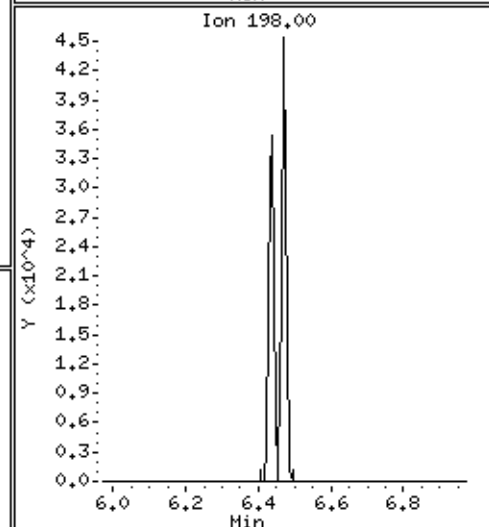
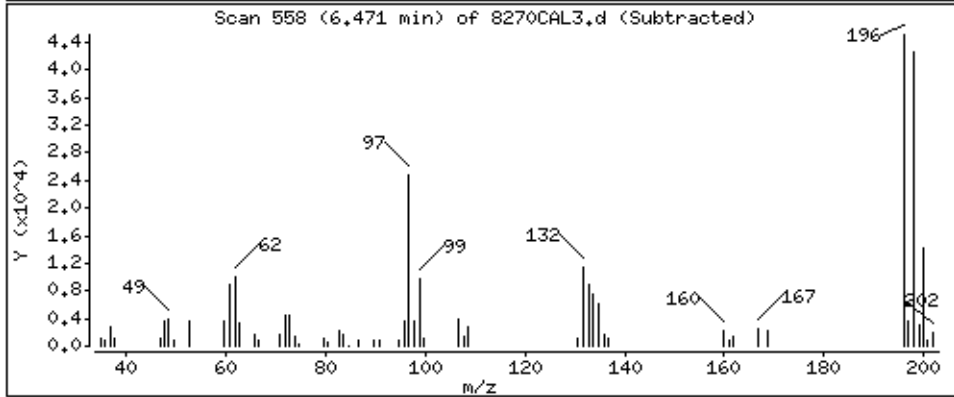
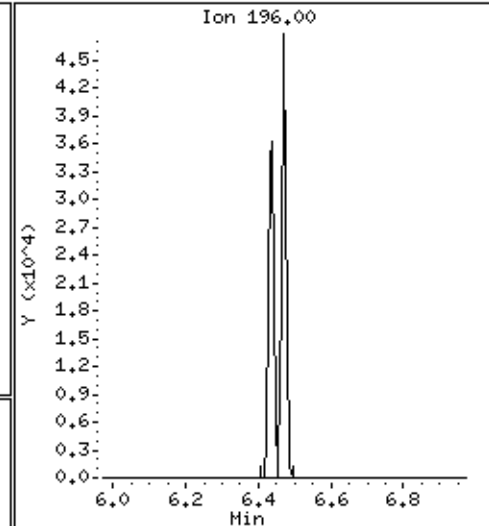
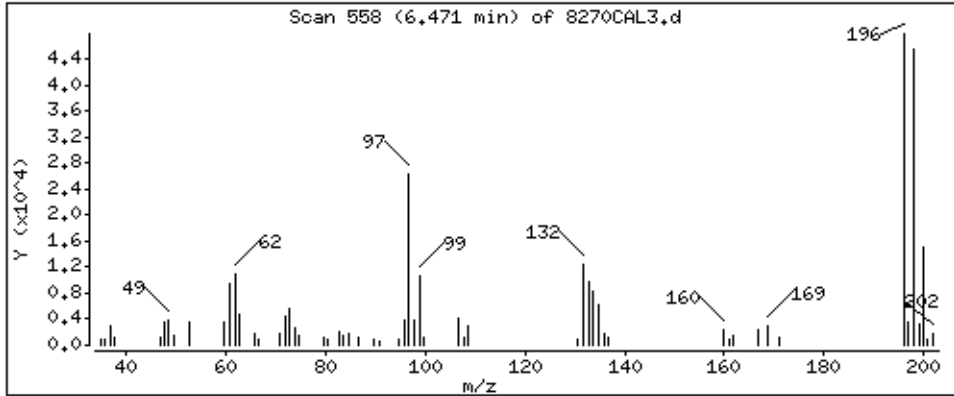
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

58 2,4,5-Trichlorophenol

Concentration: 18,6 ug/kg



Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

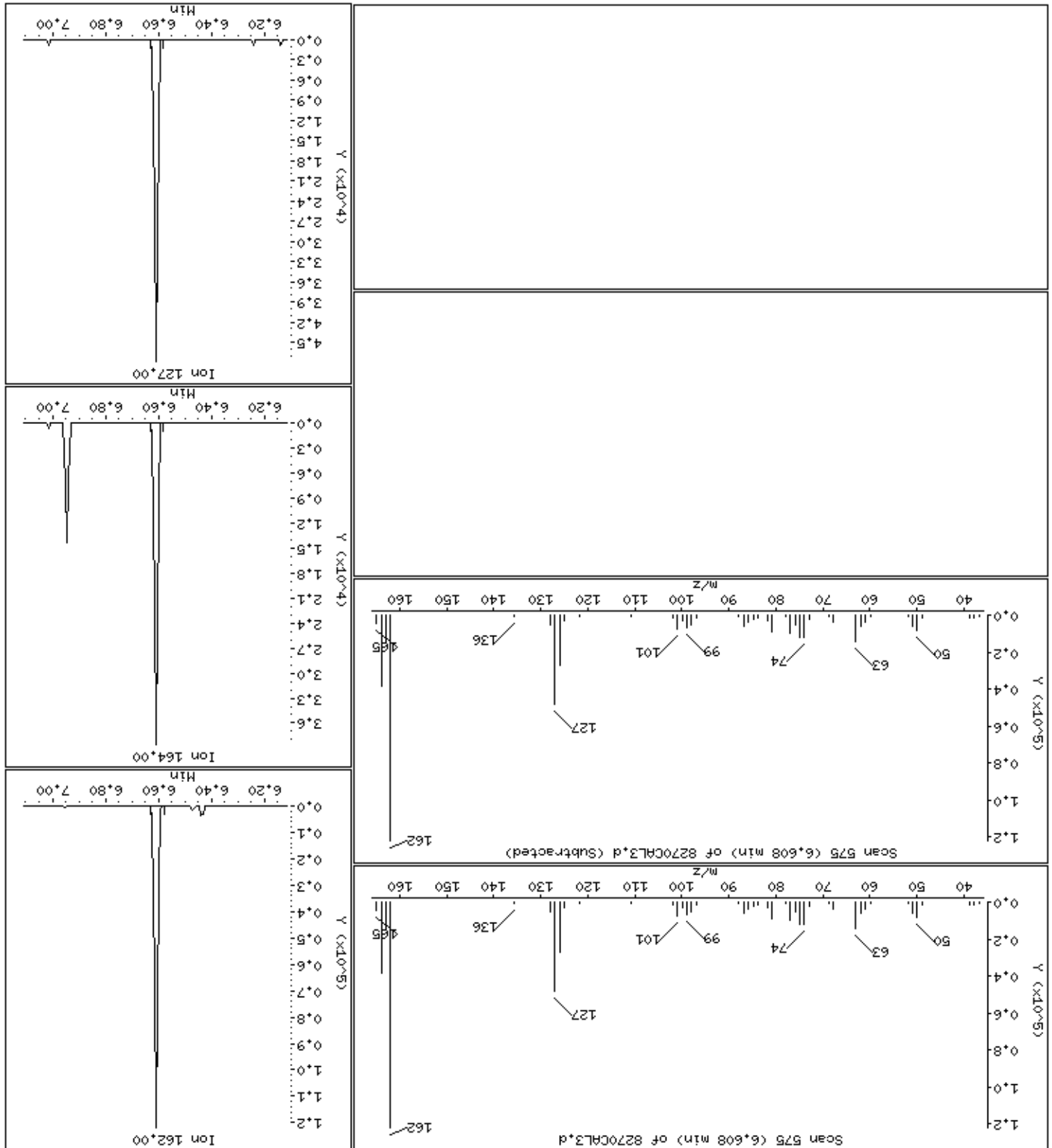
Column diameter: 0.25

Concentration: 19.2 ug/kg

Instrument: smsd04.1

62-2-Chloronaphthalene

Column phase: HPMS-5



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

Column diameter: 0.25

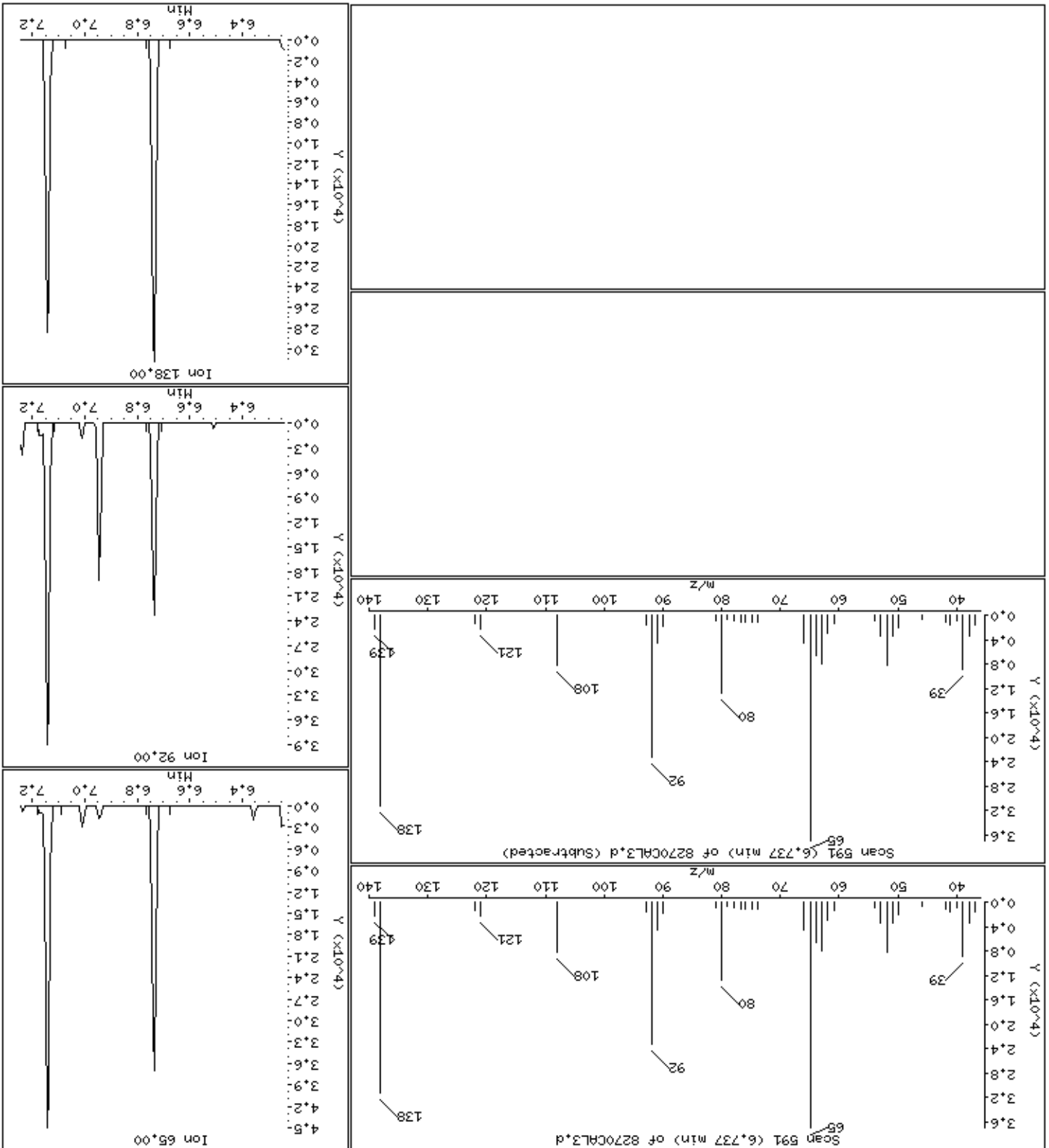
Concentration: 19.3 ug/kg

Instrument: smsd04.1

Data File: \\Svevod04\DDV\chem\smsd04\15411145sc01\8270CAL3.D

63 2-Nitroaniline

Column phase: HPMS-5



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

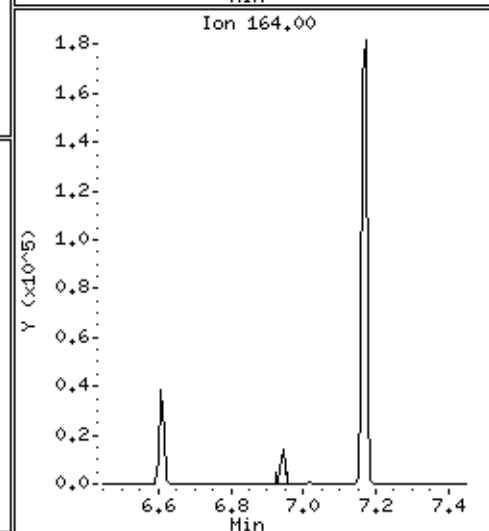
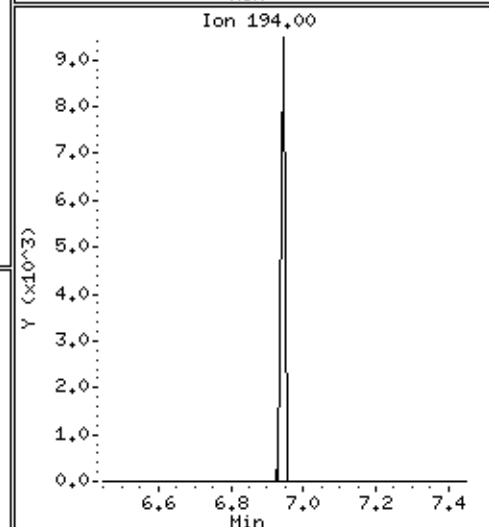
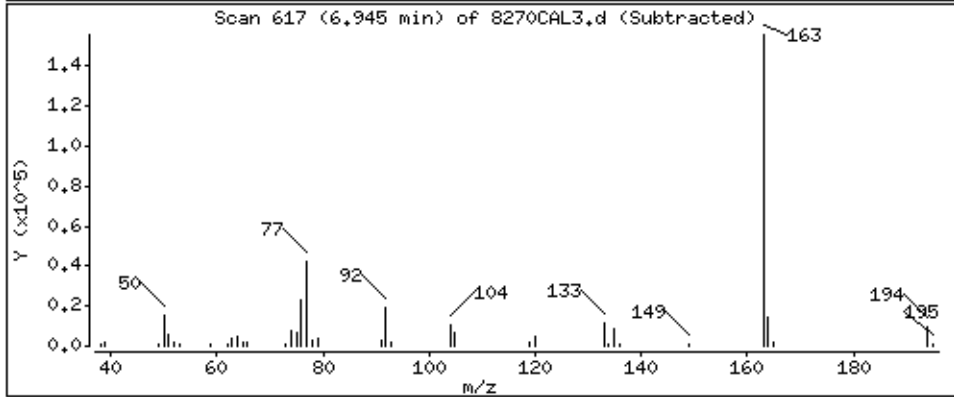
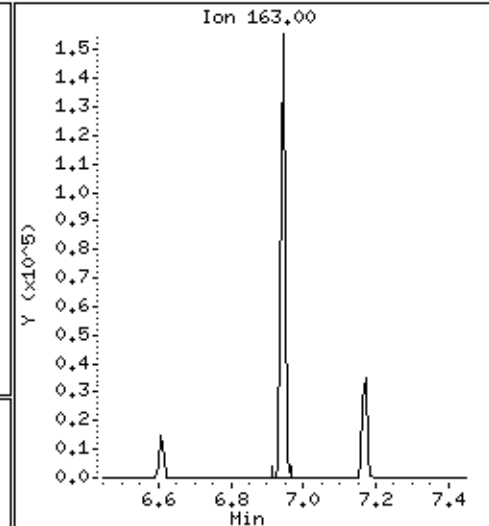
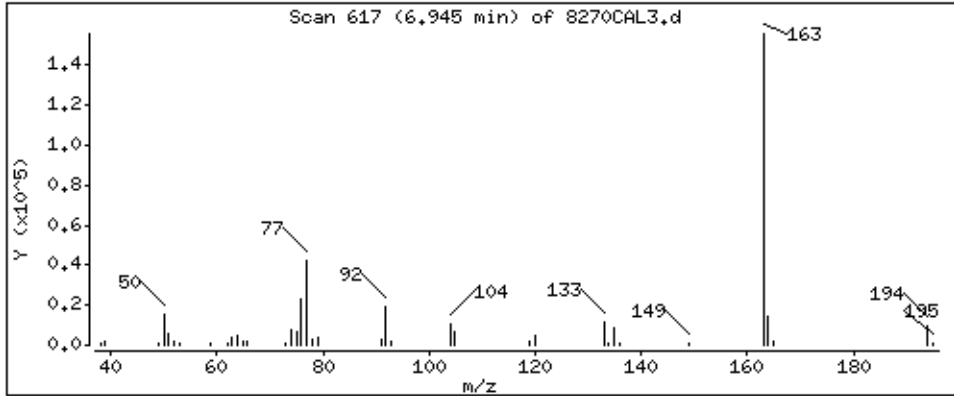
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

65 Dimethylphthalate

Concentration: 19,8 ug/kg



Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

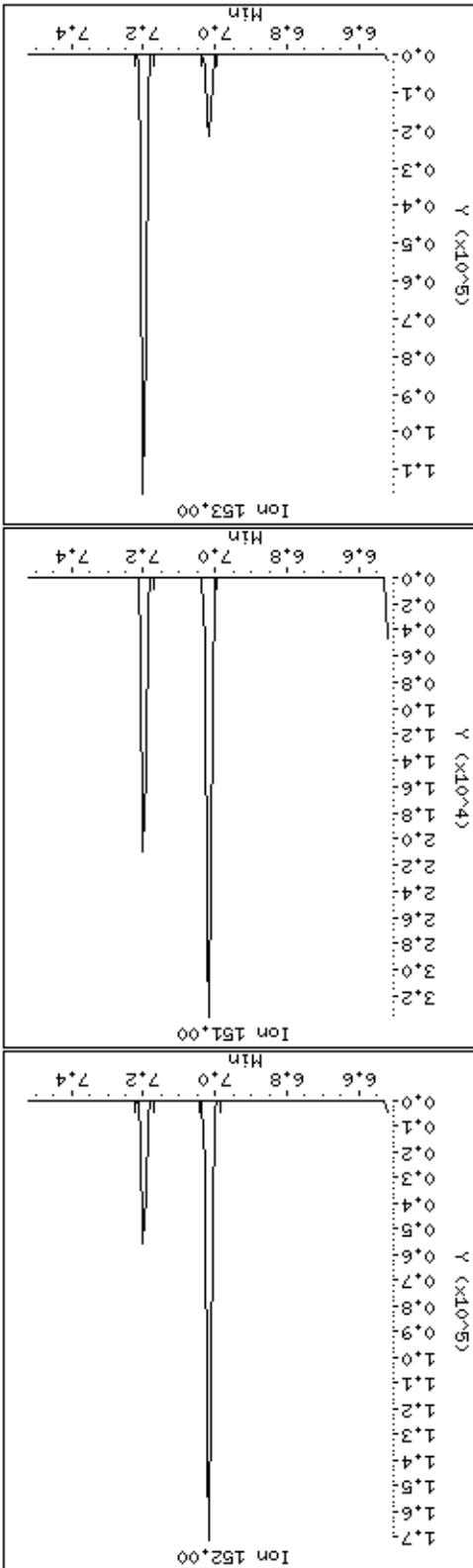
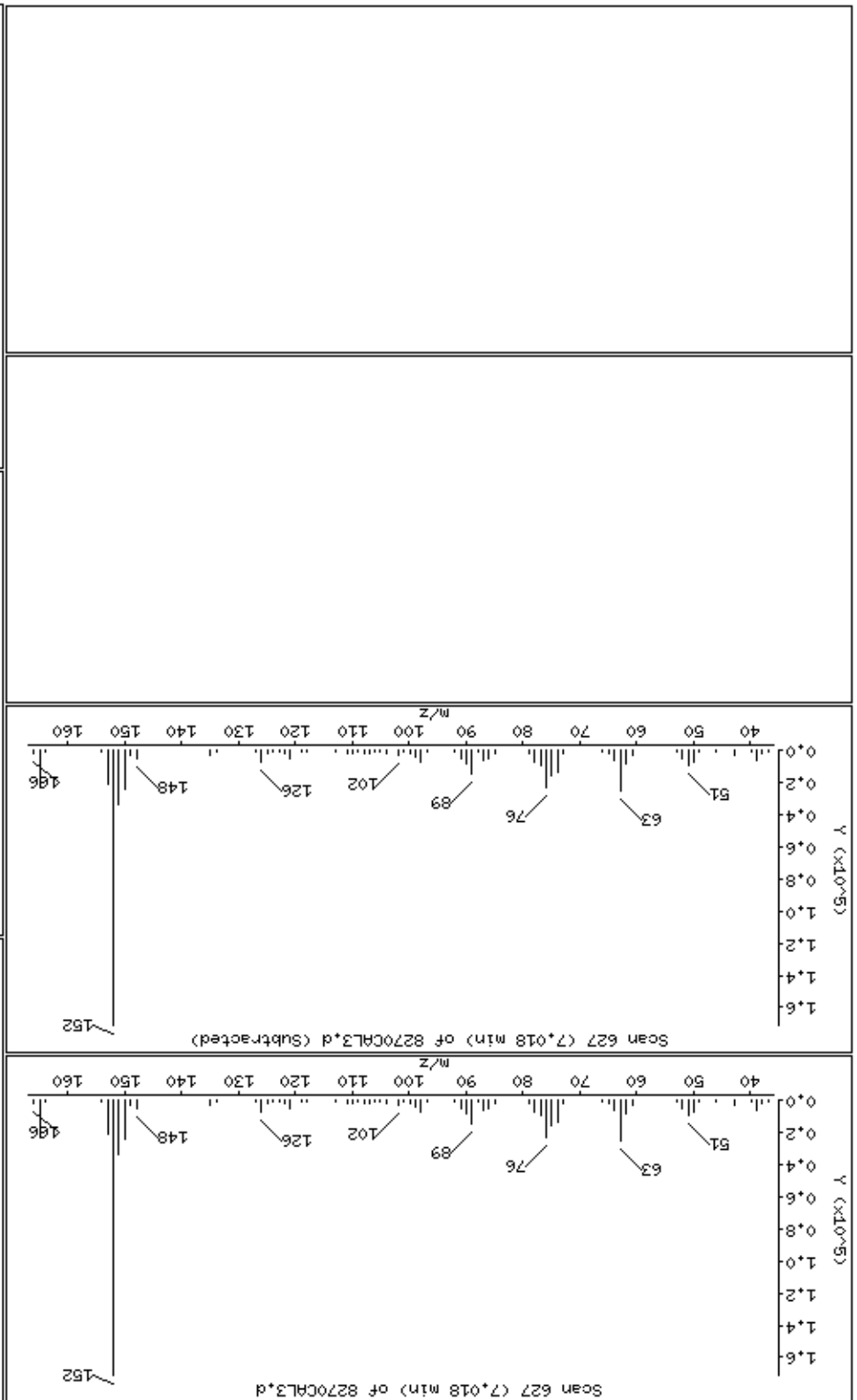
Sample Info: 47767

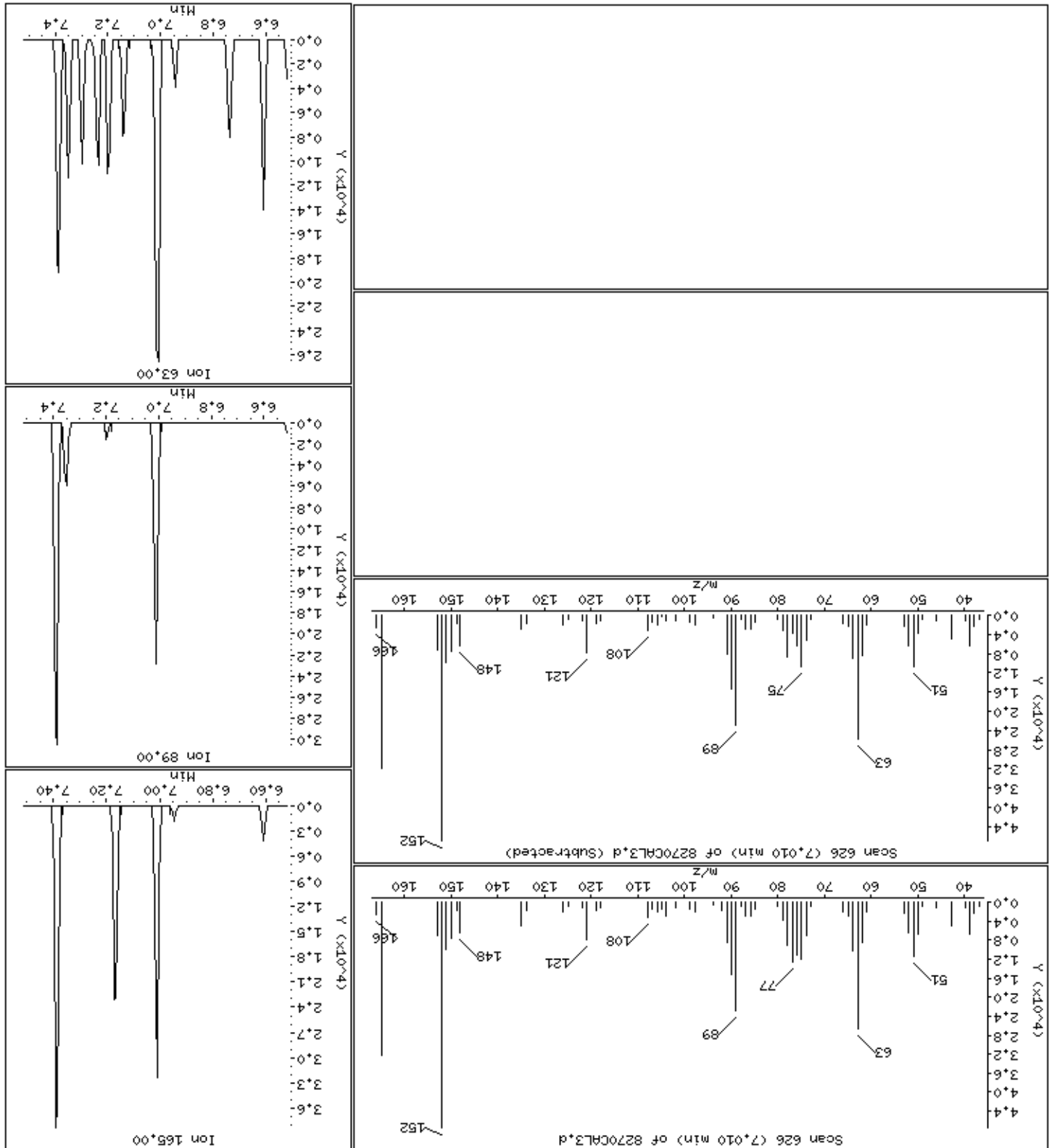
Operator: MJ

Column diameter: 0.25

Concentration: 18.8 ug/kg

68 Acenaphthylene







Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

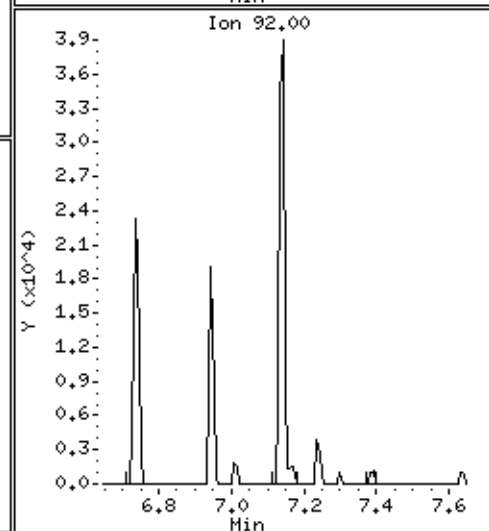
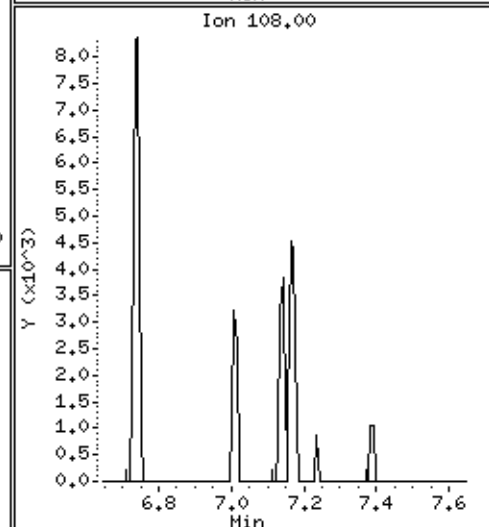
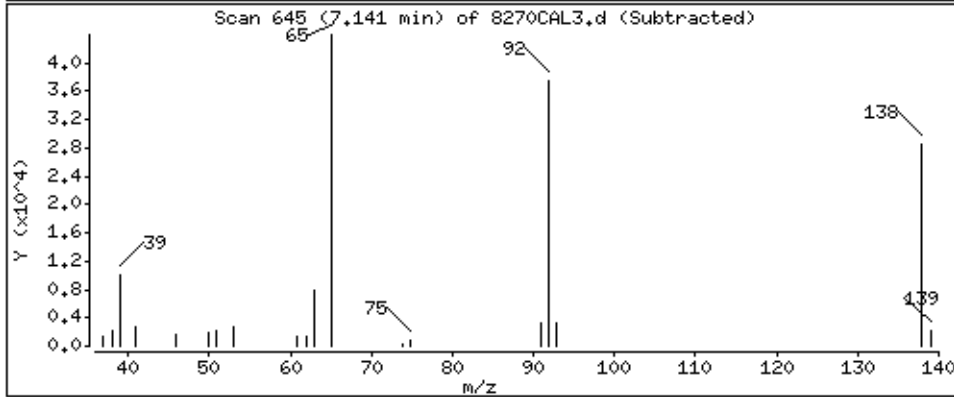
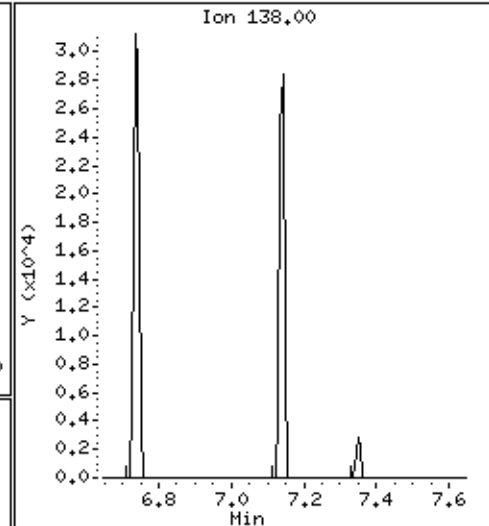
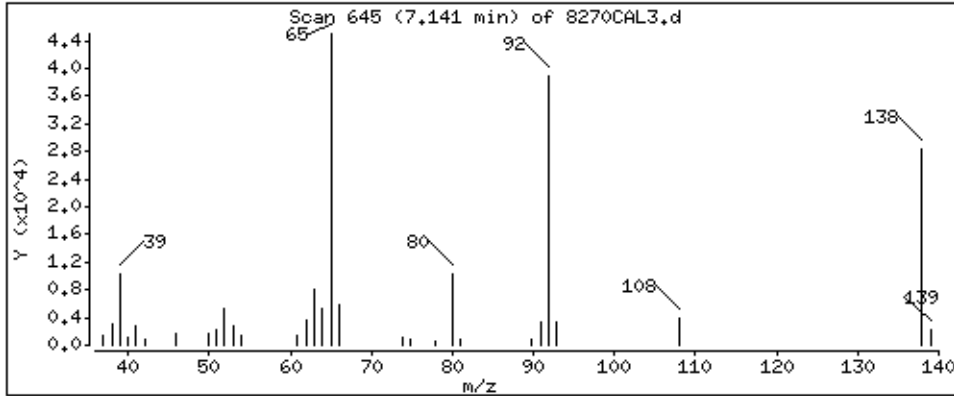
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

69 3-Nitroaniline

Concentration: 19,9 ug/kg



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

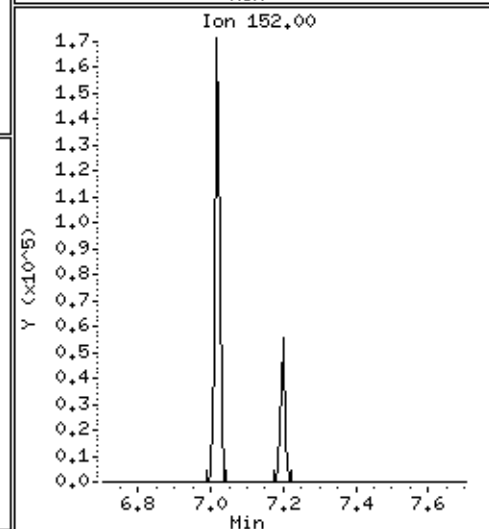
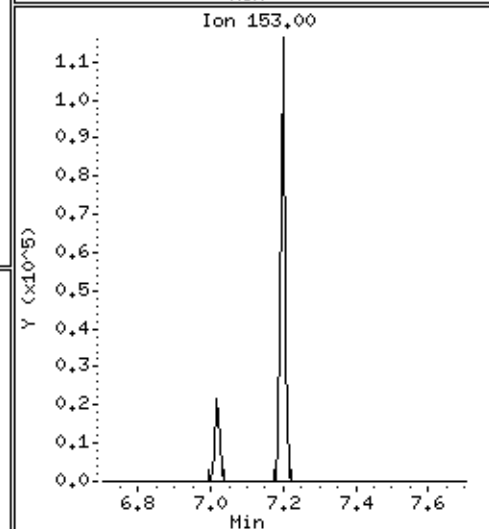
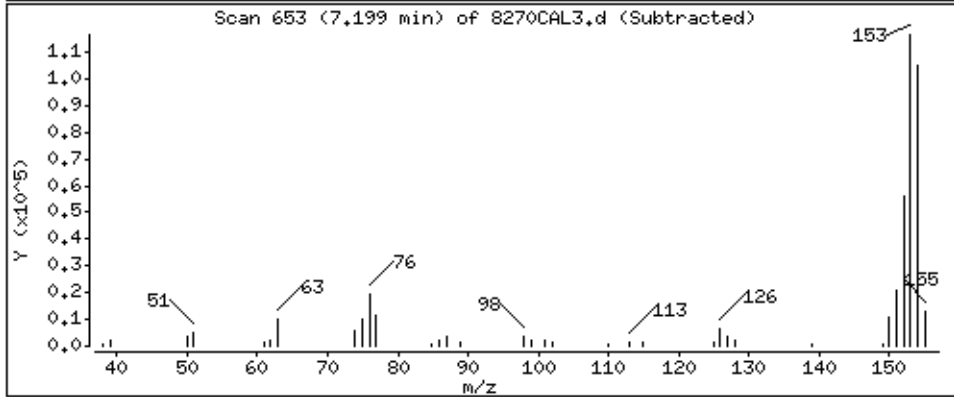
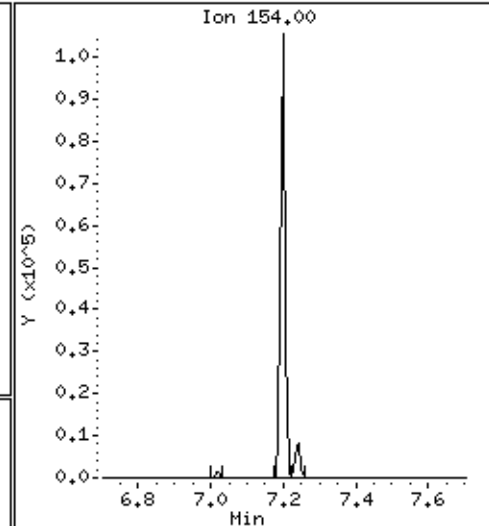
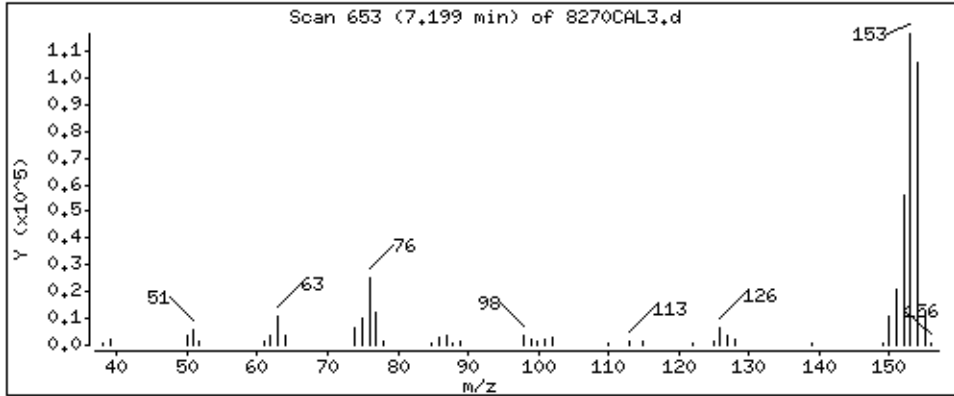
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

71 Acenaphthene

Concentration: 19,2 ug/kg



Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

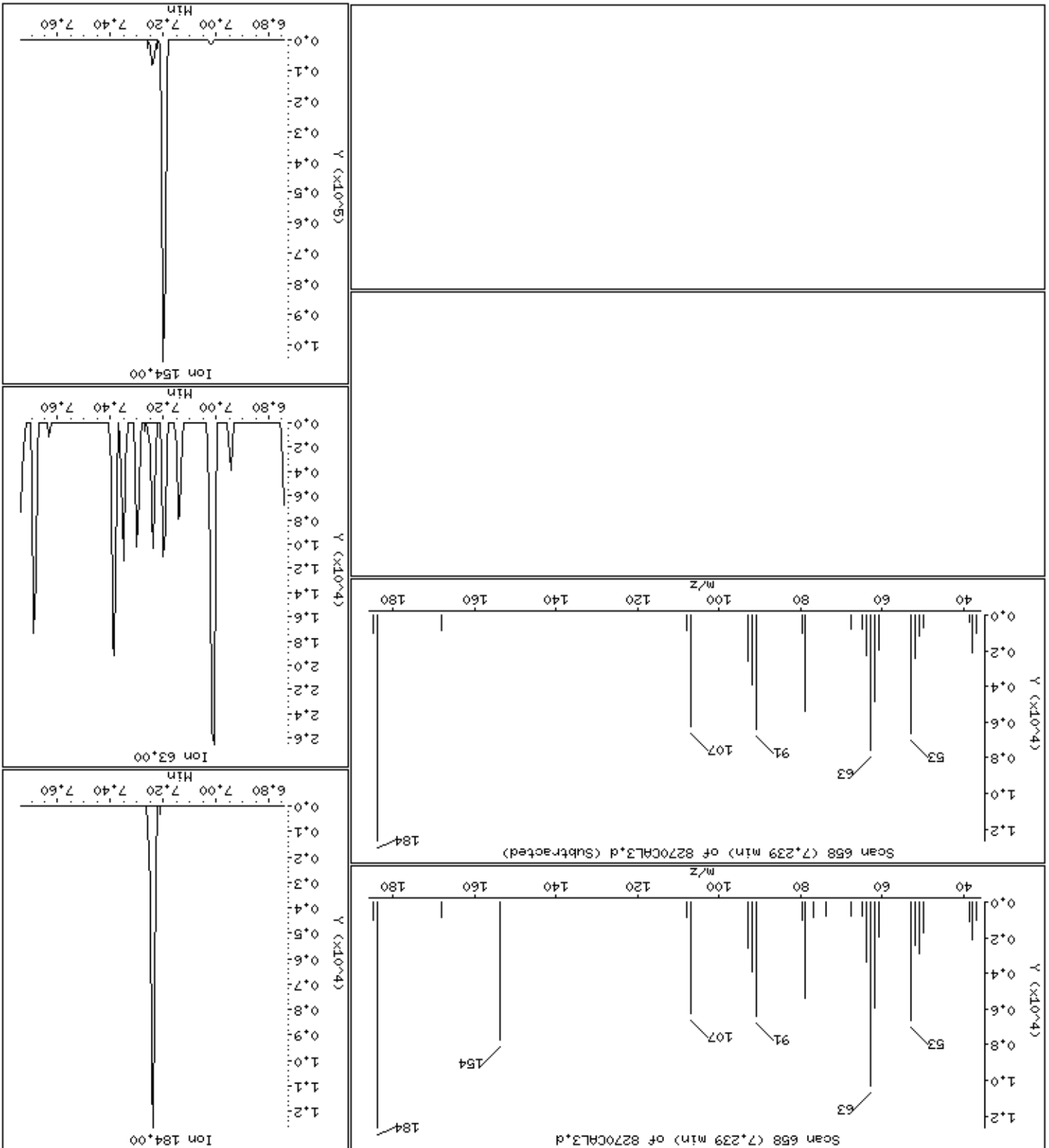
Column diameter: 0.25

Concentration: 23.4 ug/kg

Instrument: smsd04.1

7,2,4-Dinitrophenol

Column phase: HPMS-5



Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

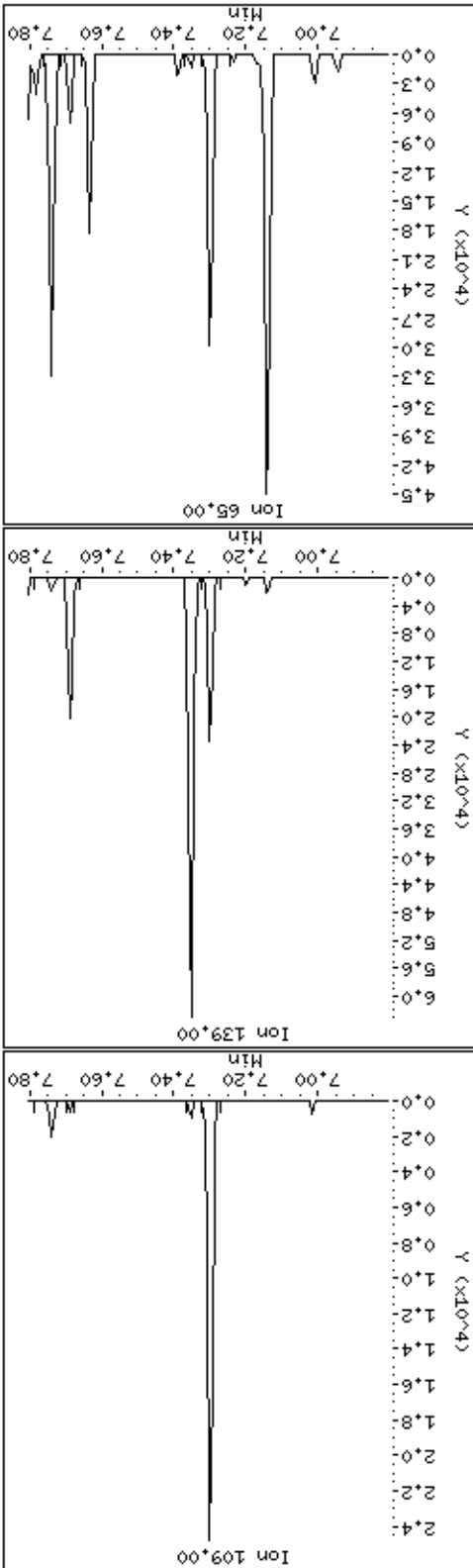
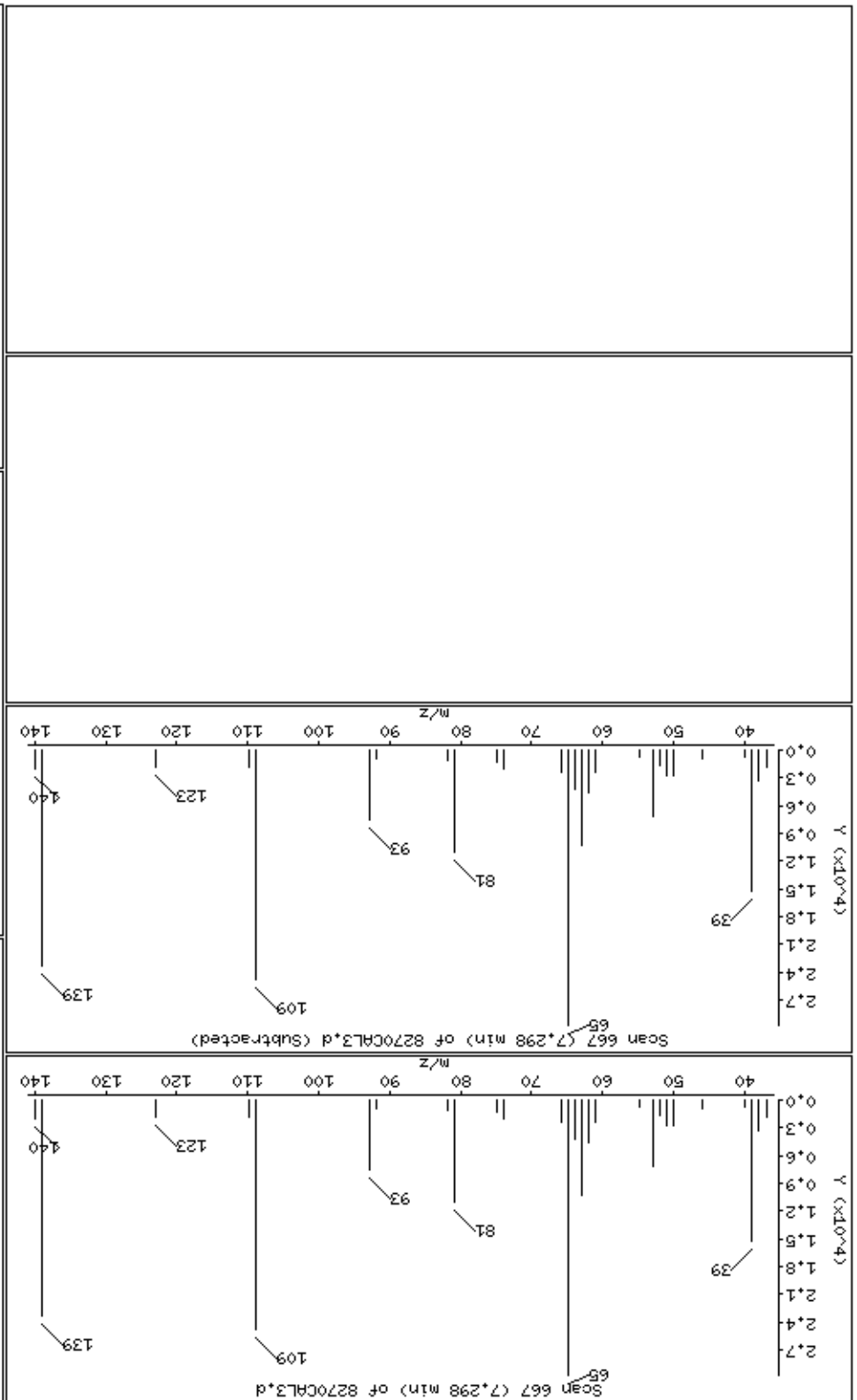
Sample Info: 47767

Operator: MJ

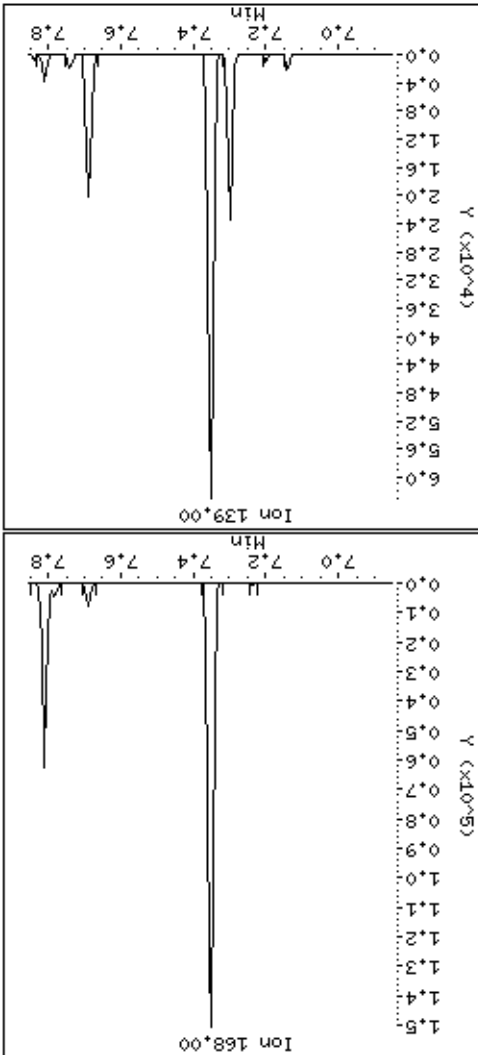
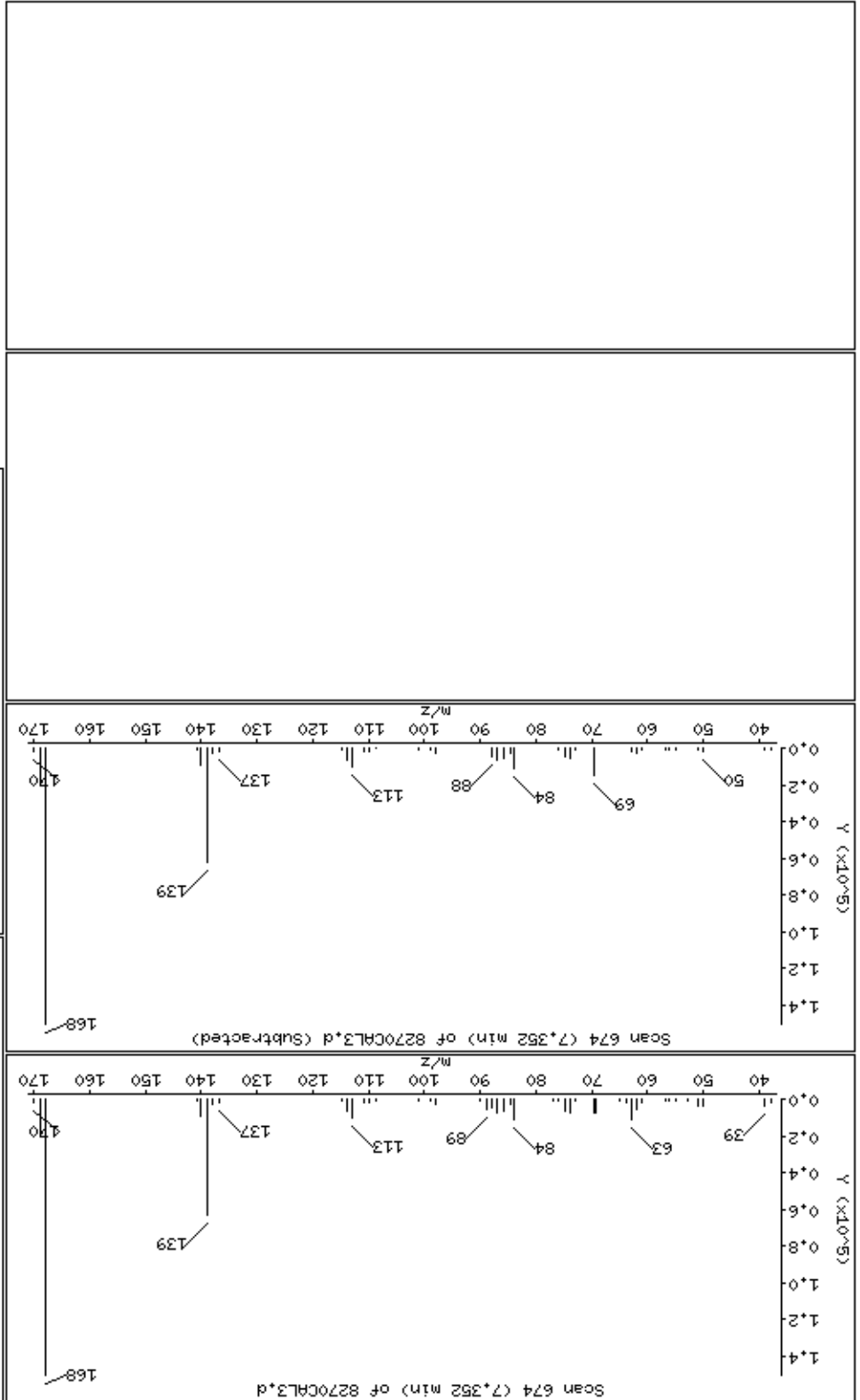
Column diameter: 0.25

Concentration: 18.2 ug/kg

74-4-Nitrophenol



75 Dibenzofuran



Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 4767

Operator: MJ

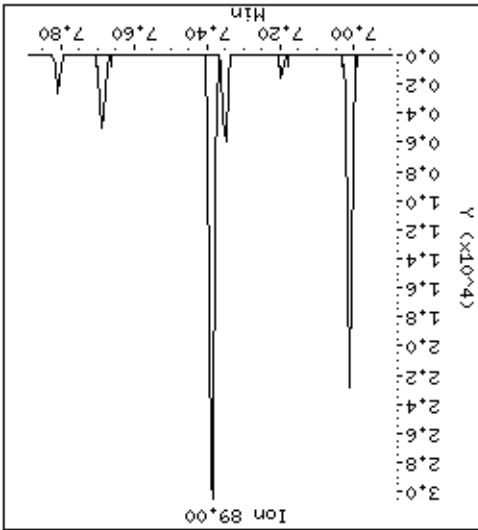
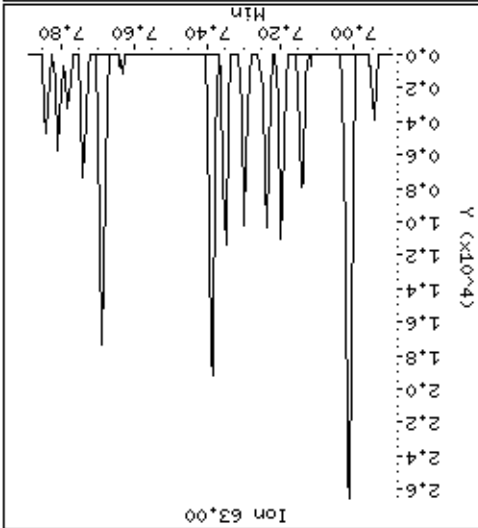
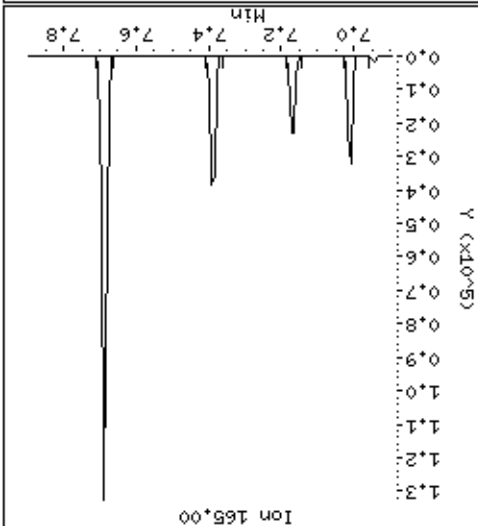
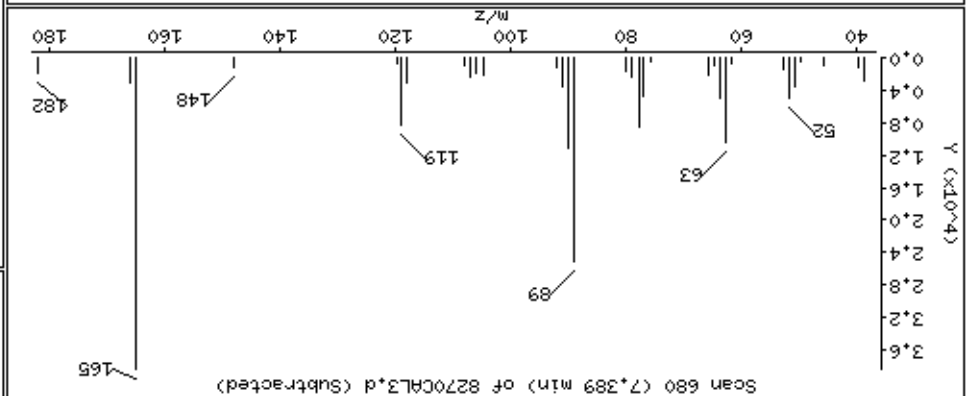
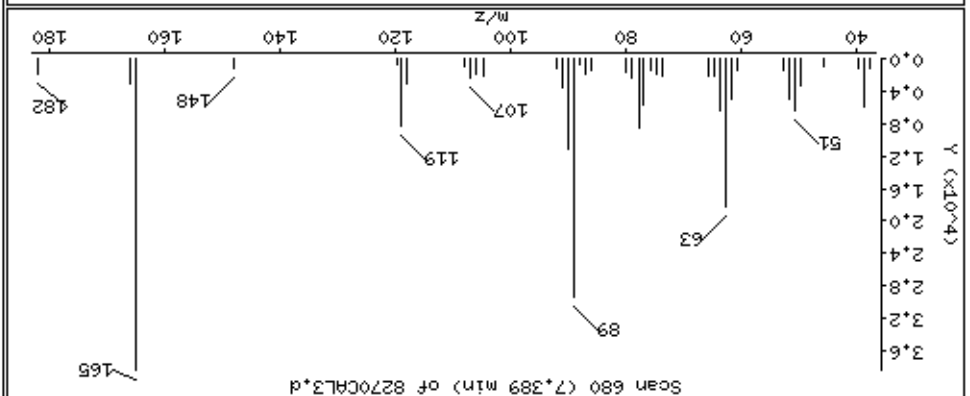
Column diameter: 0.25

Concentration: 20.3 ug/kg

76 2,4-Dinitrotoluene

Column phase: HPMS-5

Instrument: smsd04.1



Data File: \\Svevod04\DD\chem\smsd04\15411145scal1\8270CAL3.D  
Client ID: 8270CAL3  
Sample Info: 47767  
Operator: MJ  
Column phase: HPMS-5  
80 Diethylphthalate

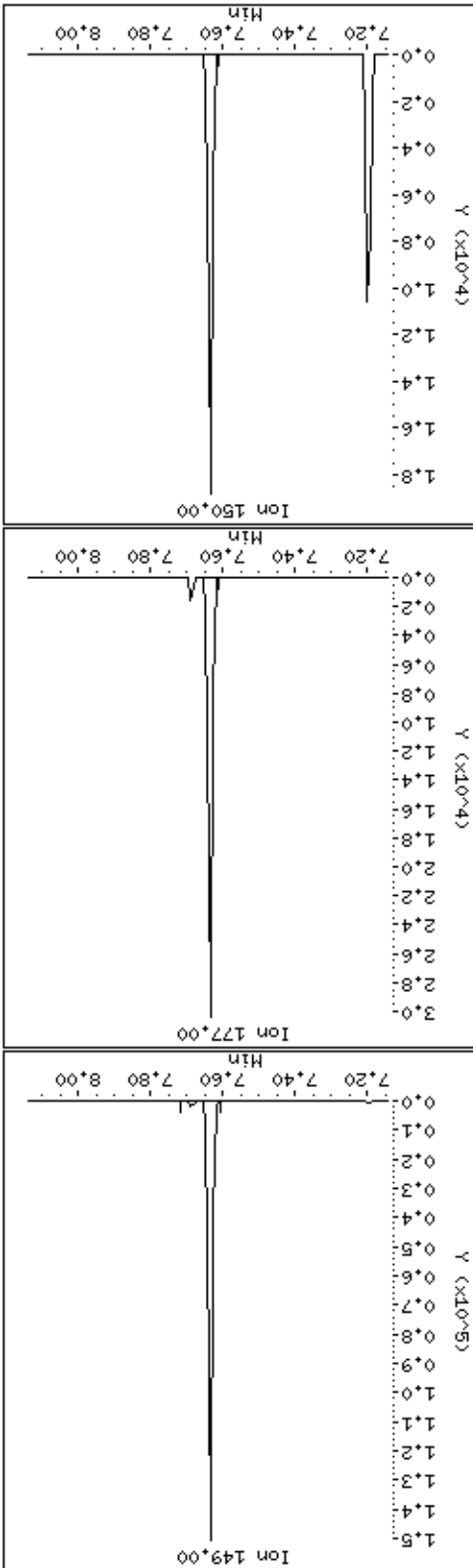
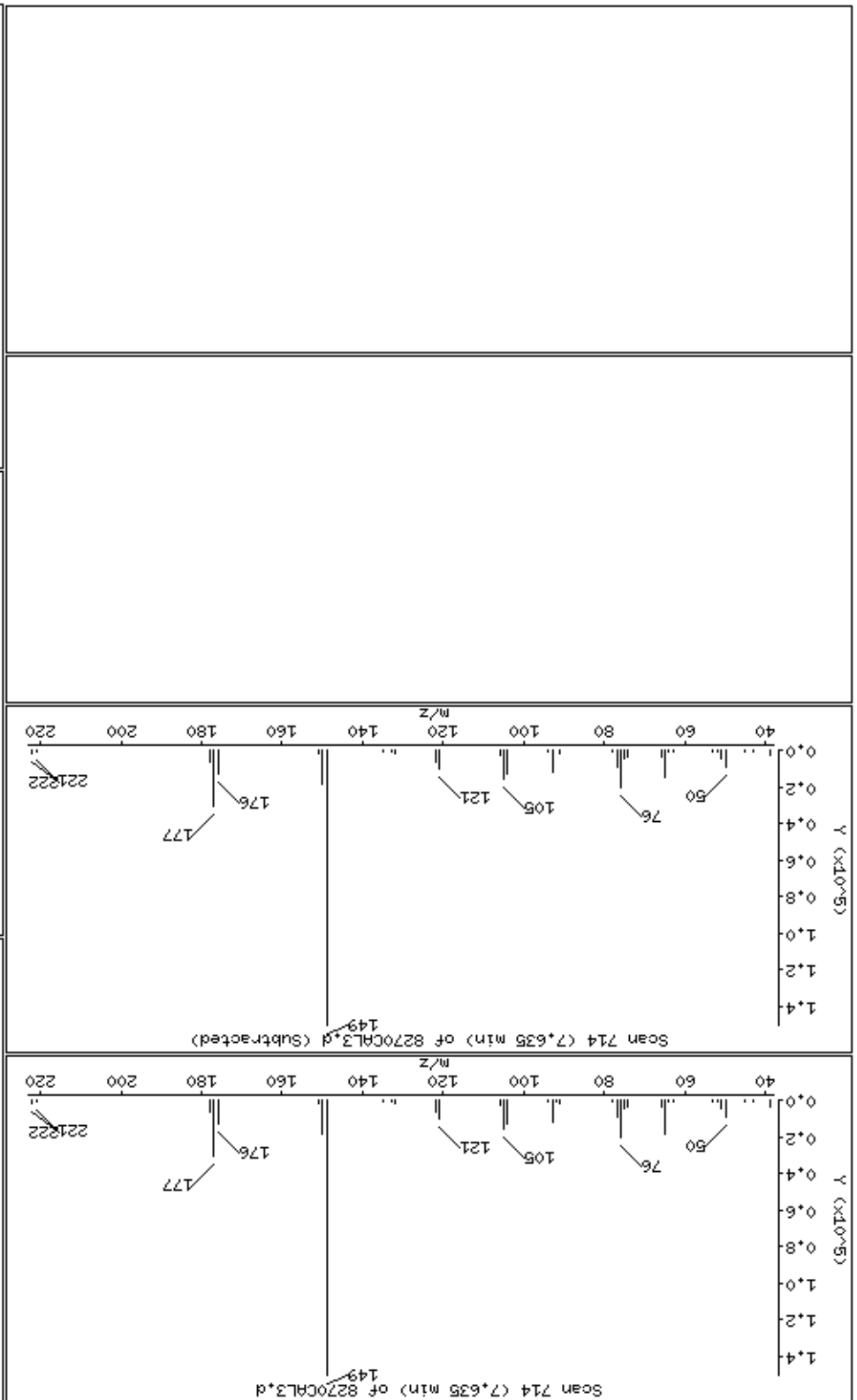
Concentration: 19.6 ug/kg

Column diameter: 0.25

Operator: MJ

Instrument: smsd04.1

Date: 15-NOV-2012 00:04



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

Column phase: HPMS-5

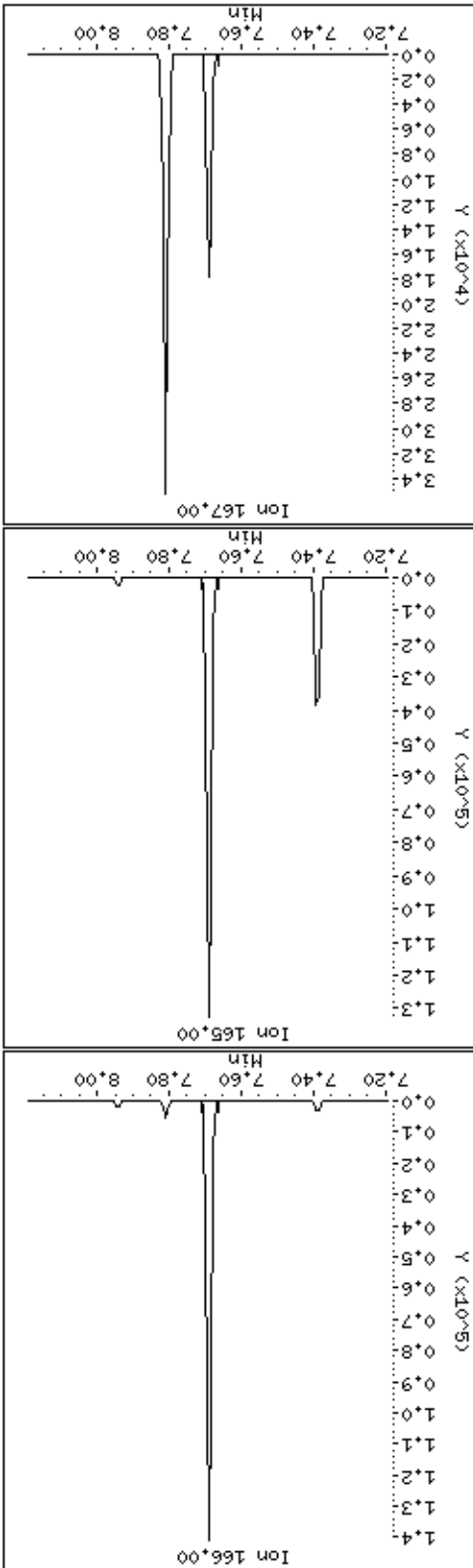
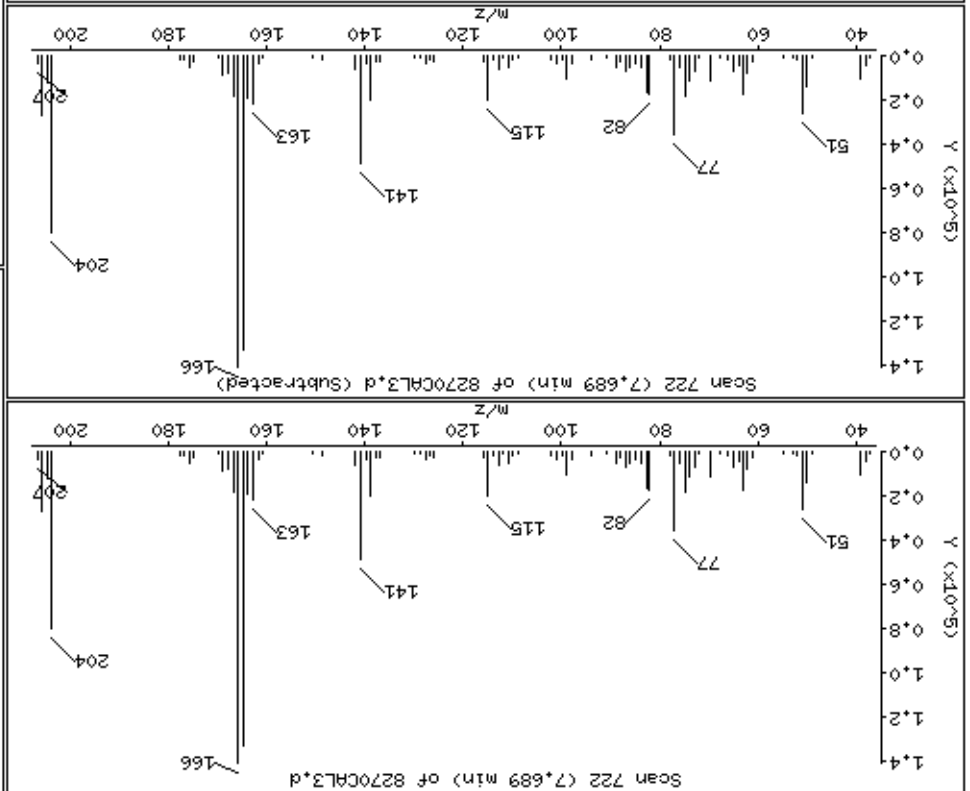
Column diameter: 0.25

Instrument: smsd04.1

Concentration: 18.5 ug/kg

Data File: \\Svevd04\DD\chen\smsd04\15411145cal\B\8270CAL3.d

81 Fluorene





Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.1

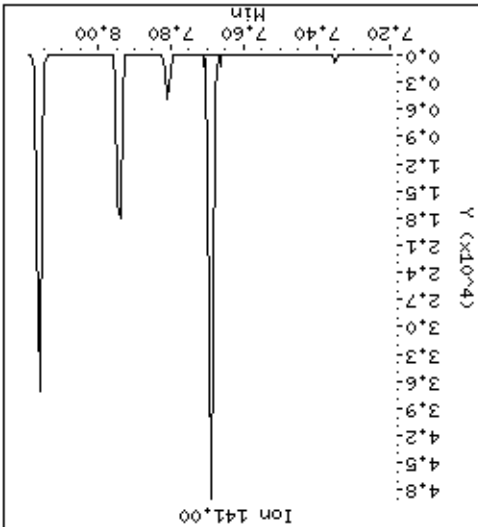
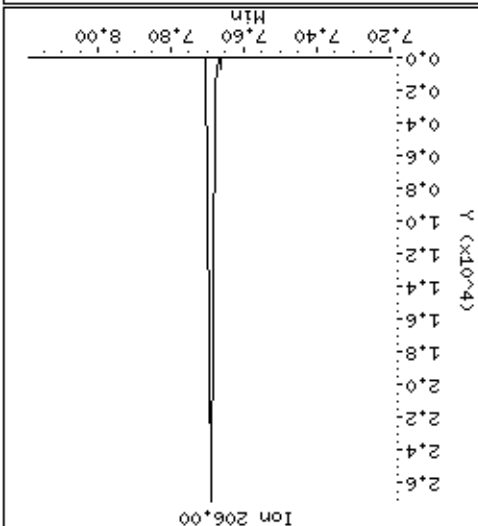
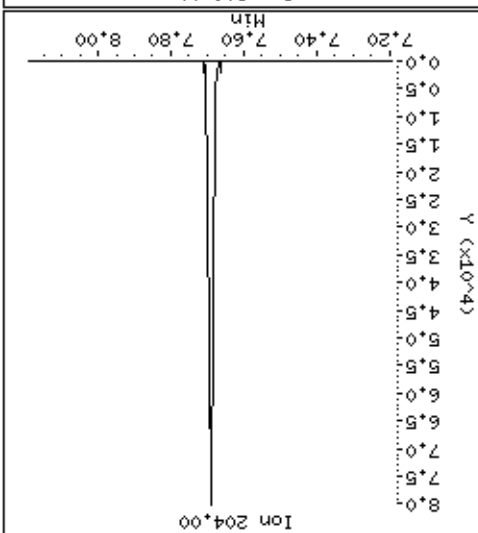
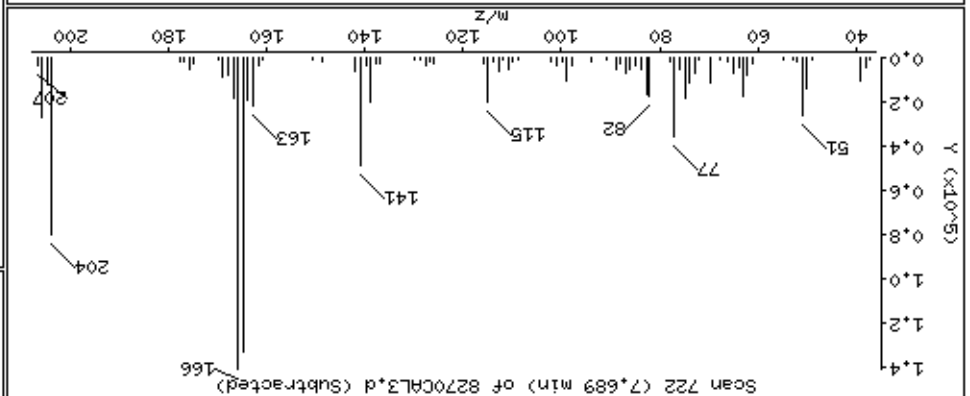
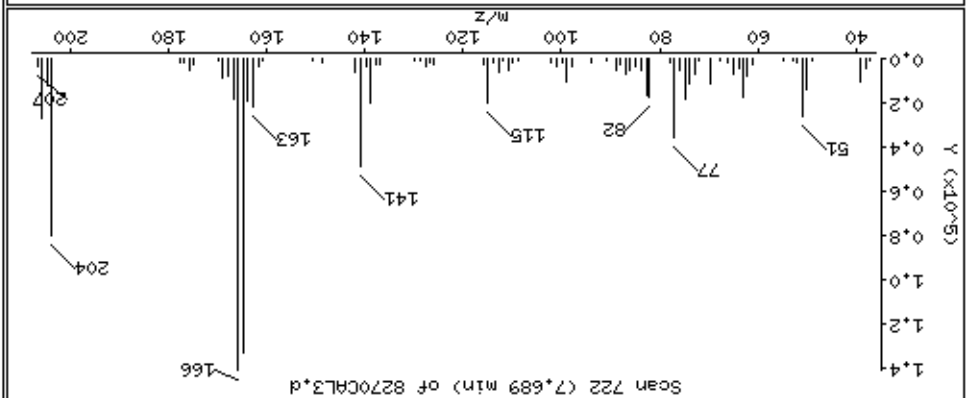
Sample Info: 4767

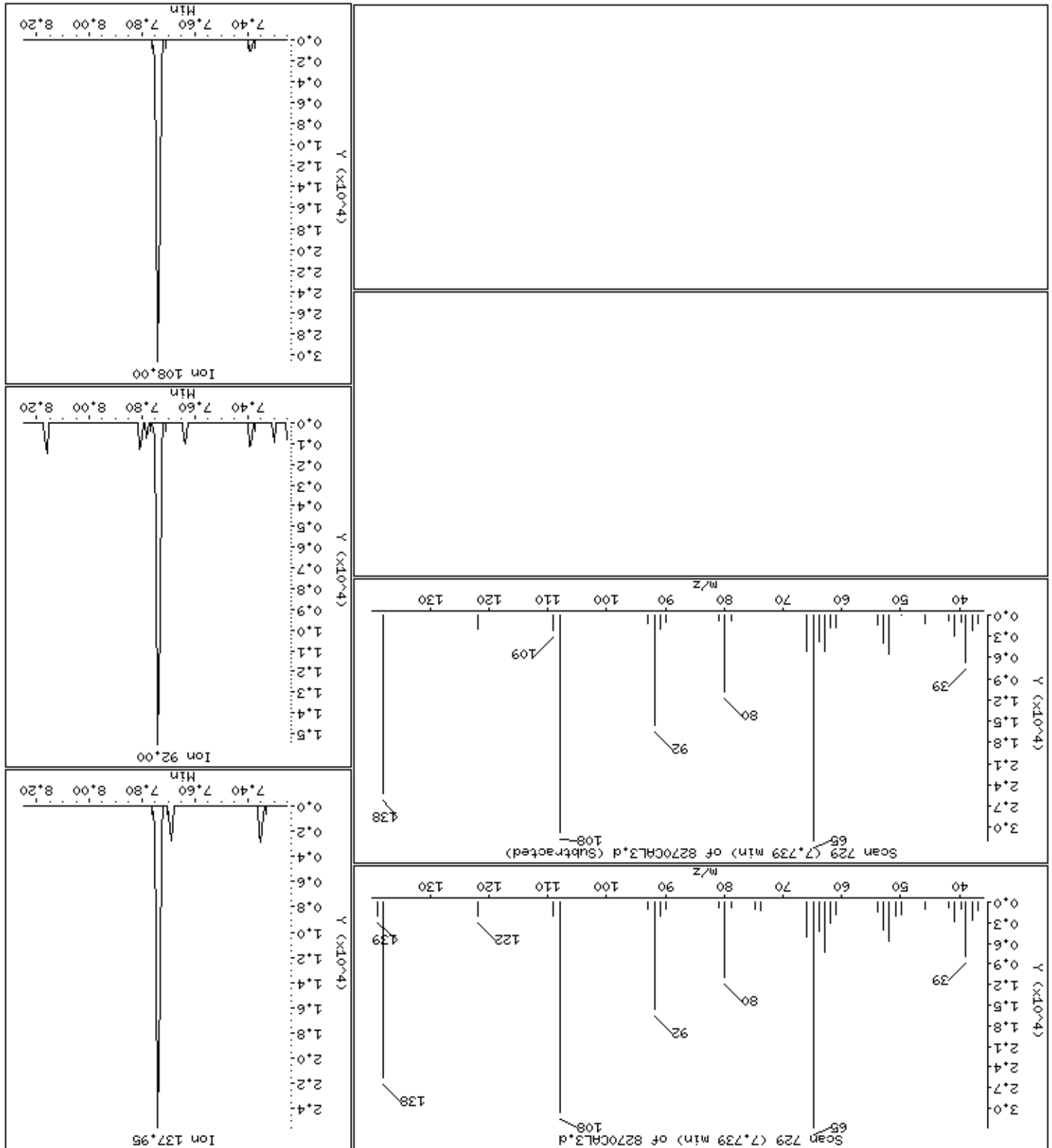
Operator: MJ

Column diameter: 0.25

82-4-Chlorophenyl-phenylether

Concentration: 18.3 ug/kg





Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

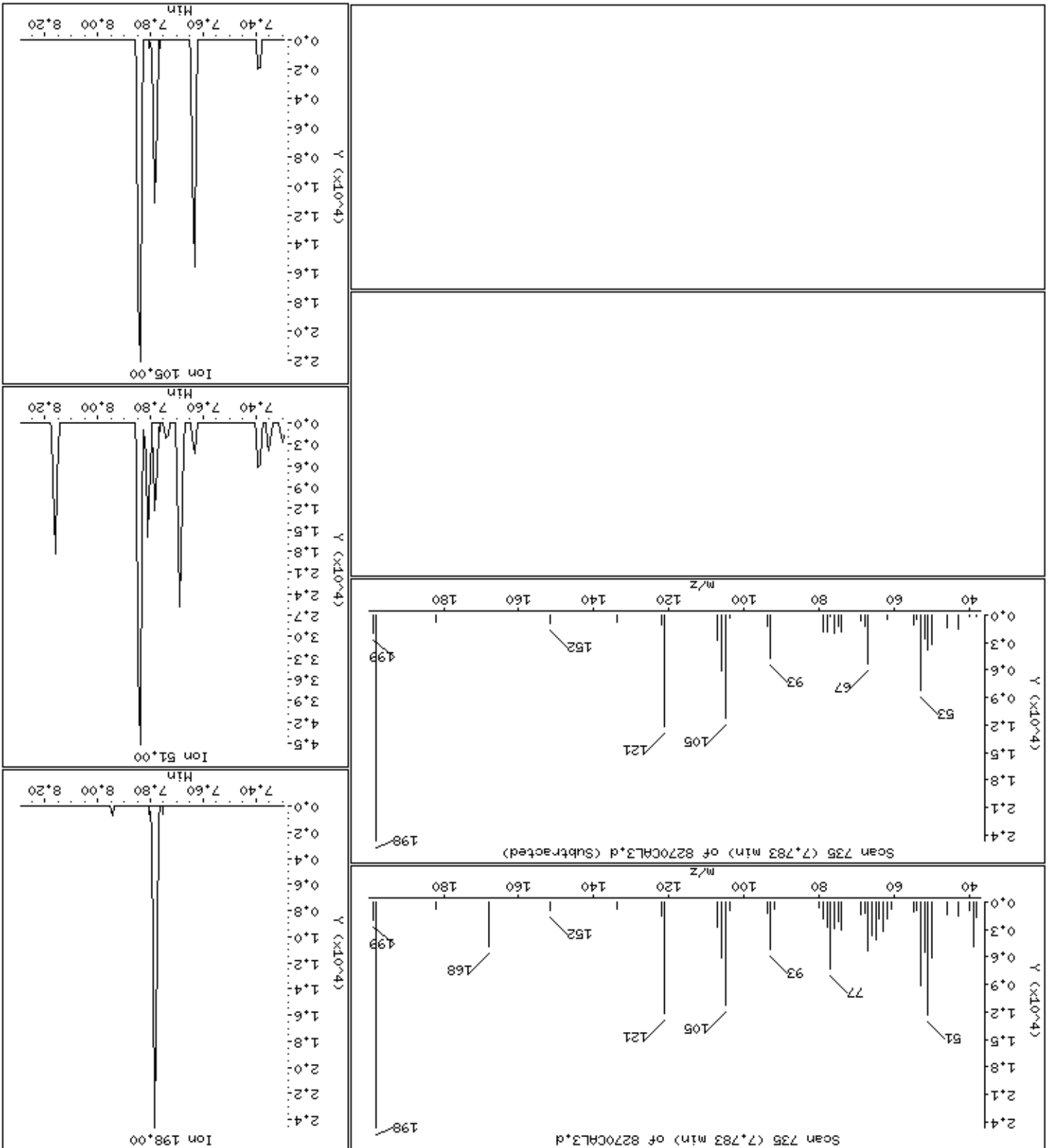
Column diameter: 0.25

Concentration: 15.8 ug/kg

Instrument: smsd04.1

85 4,6-Dinitro-2-methylphenol

Column phase: HPMS-5



Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

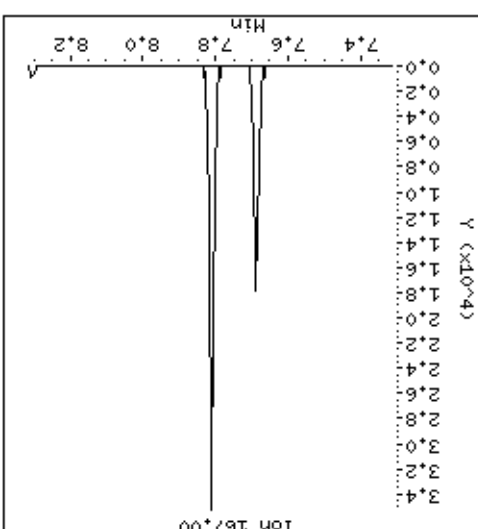
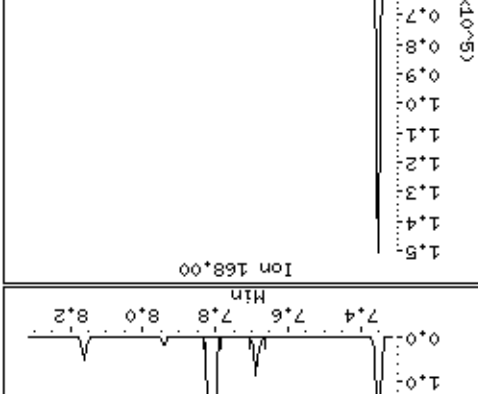
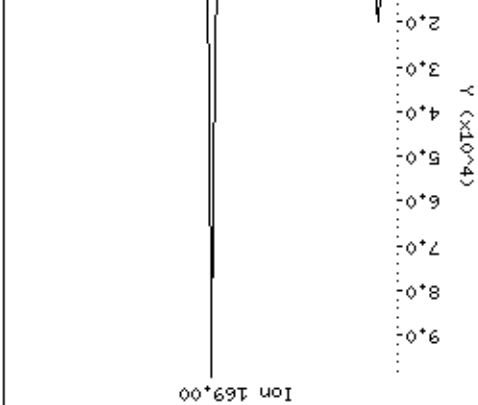
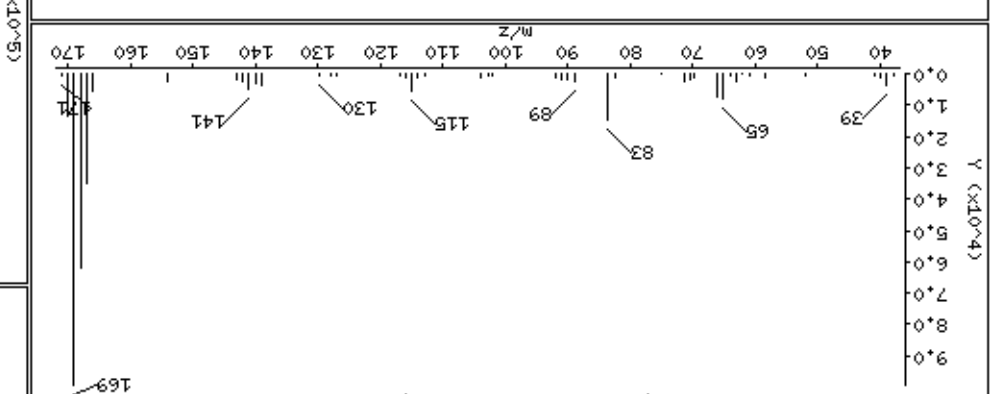
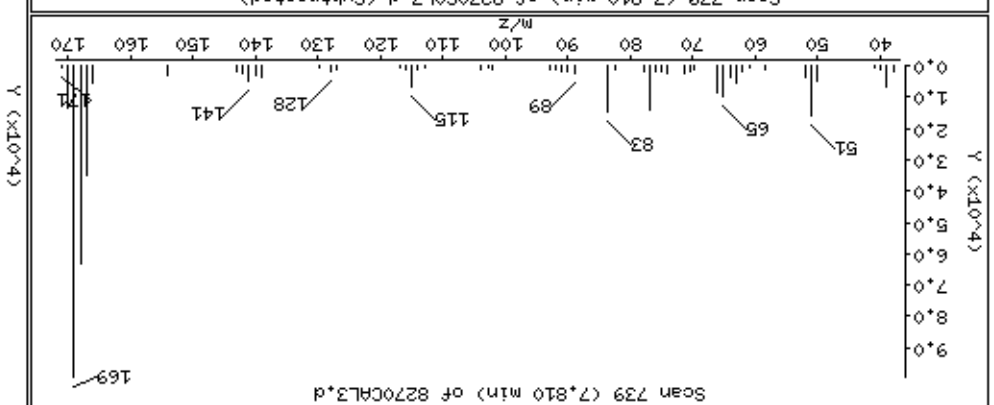
Sample Info: 4767

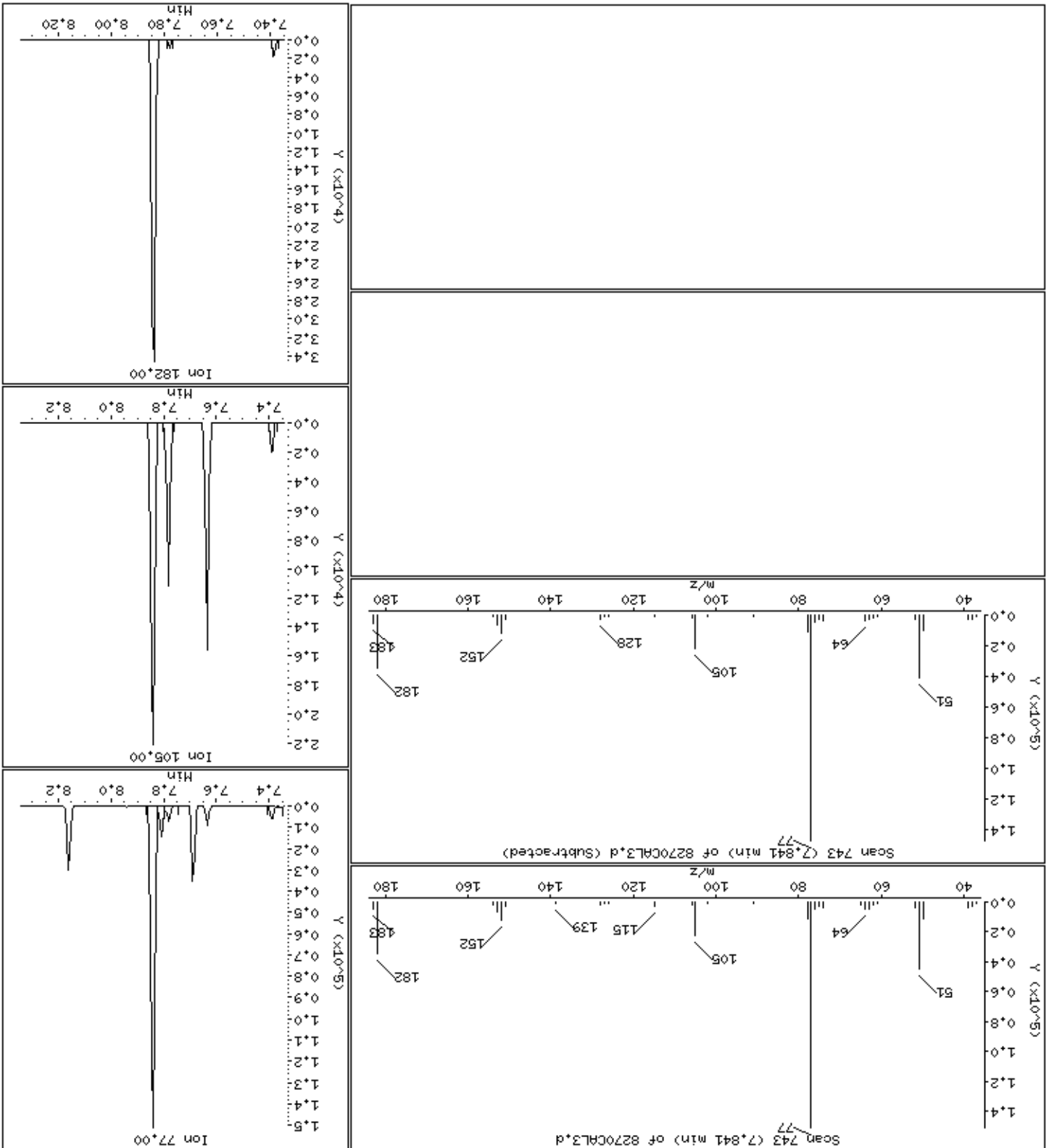
Operator: MJ

Column diameter: 0.25

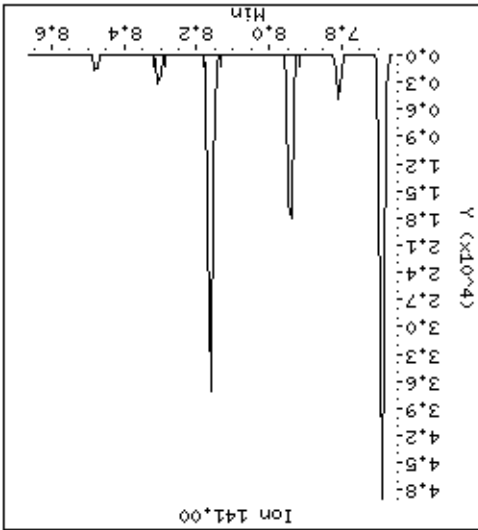
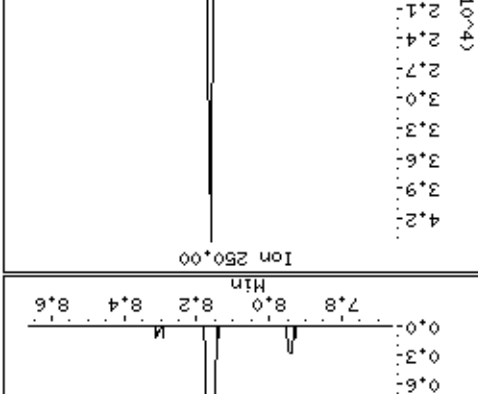
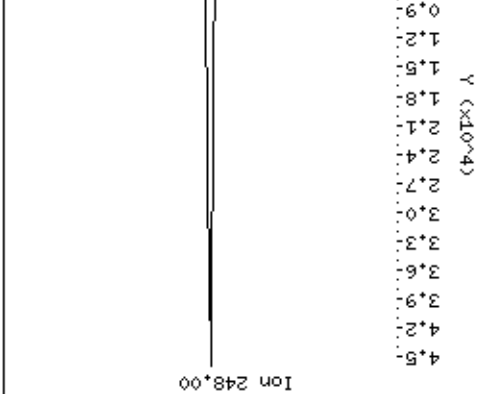
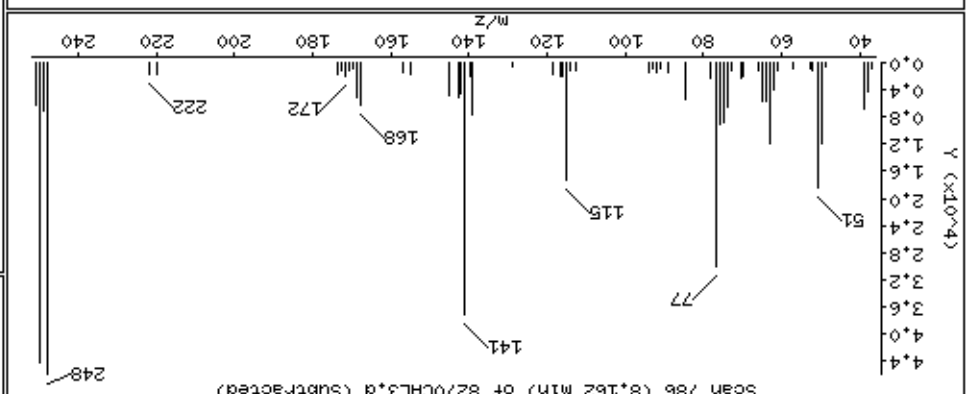
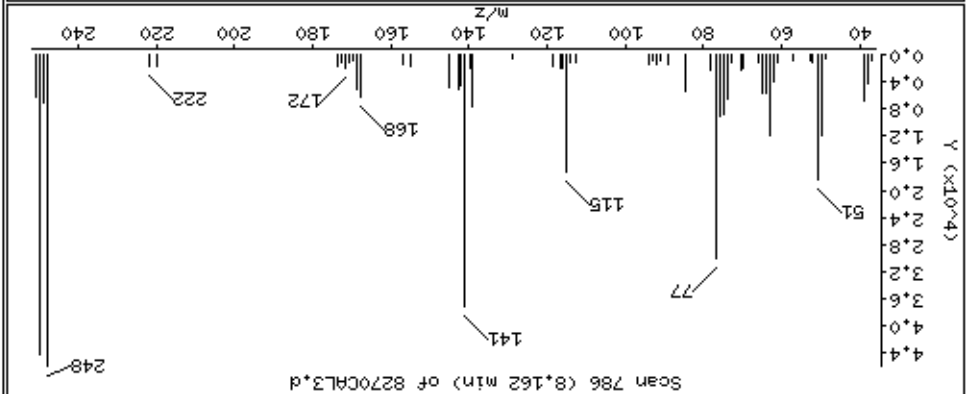
Concentration: 19.4 ug/kg

86-N-Nitrosodiphenylamine





93-4-Bromophenylphenylether



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

Column diameter: 0.25

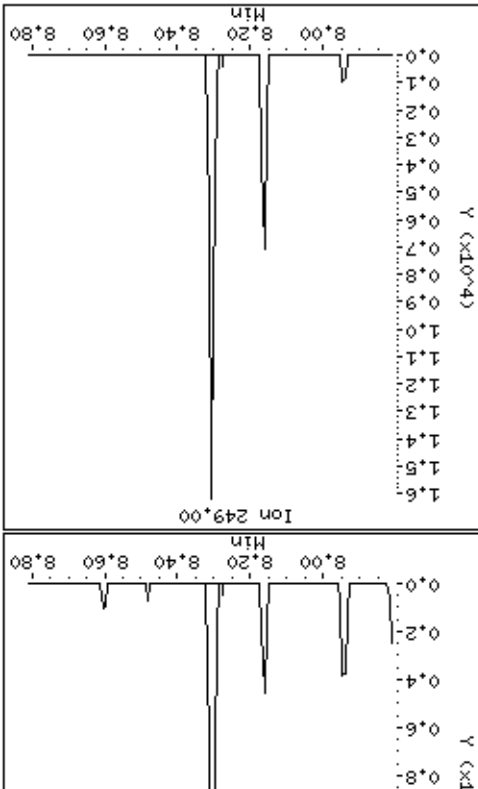
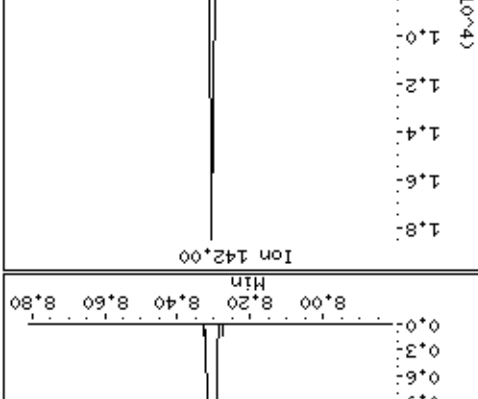
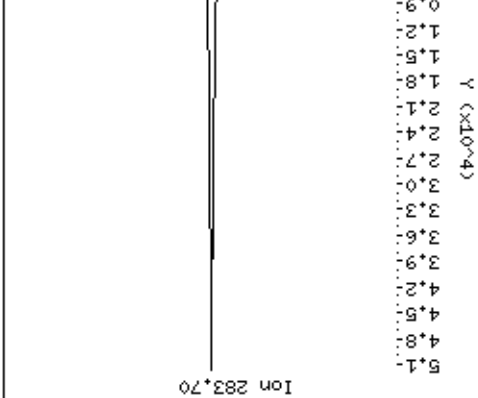
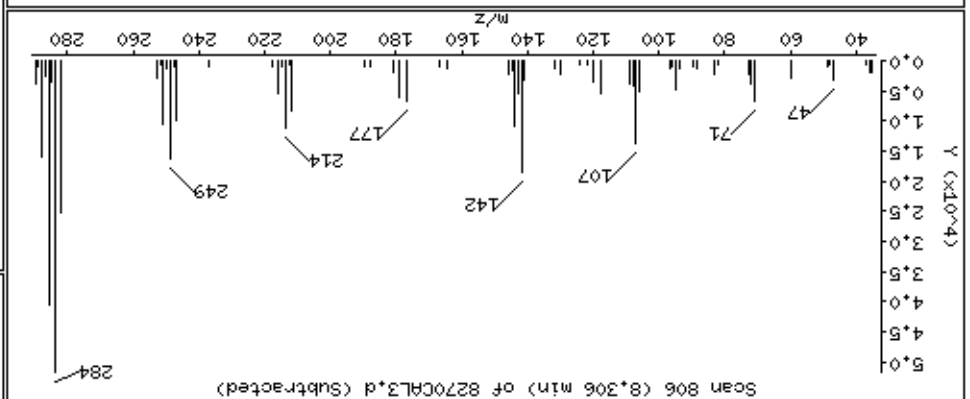
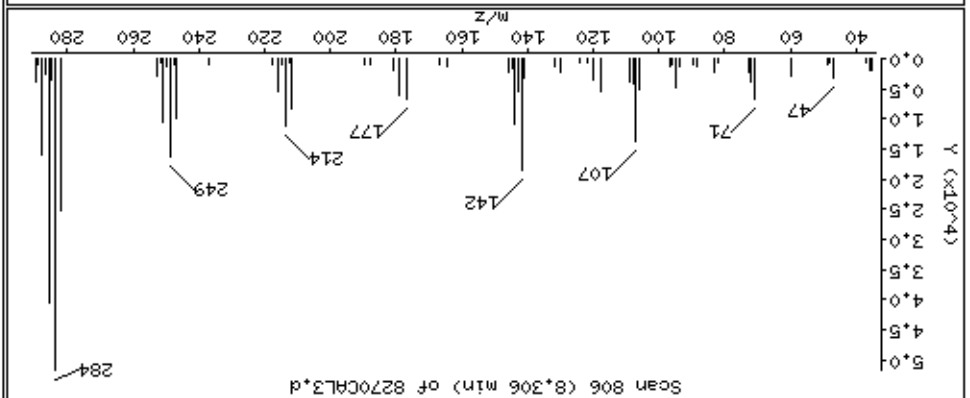
Concentration: 18.4 ug/Kg

Instrument: smsd04.1

Data File: \\Svevod04\DD\chem\smsd04\15411145sc01.B\8270CAL3.D

94 Hexachlorobenzene

Column phase: HPMS-5



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

Column diameter: 0.25

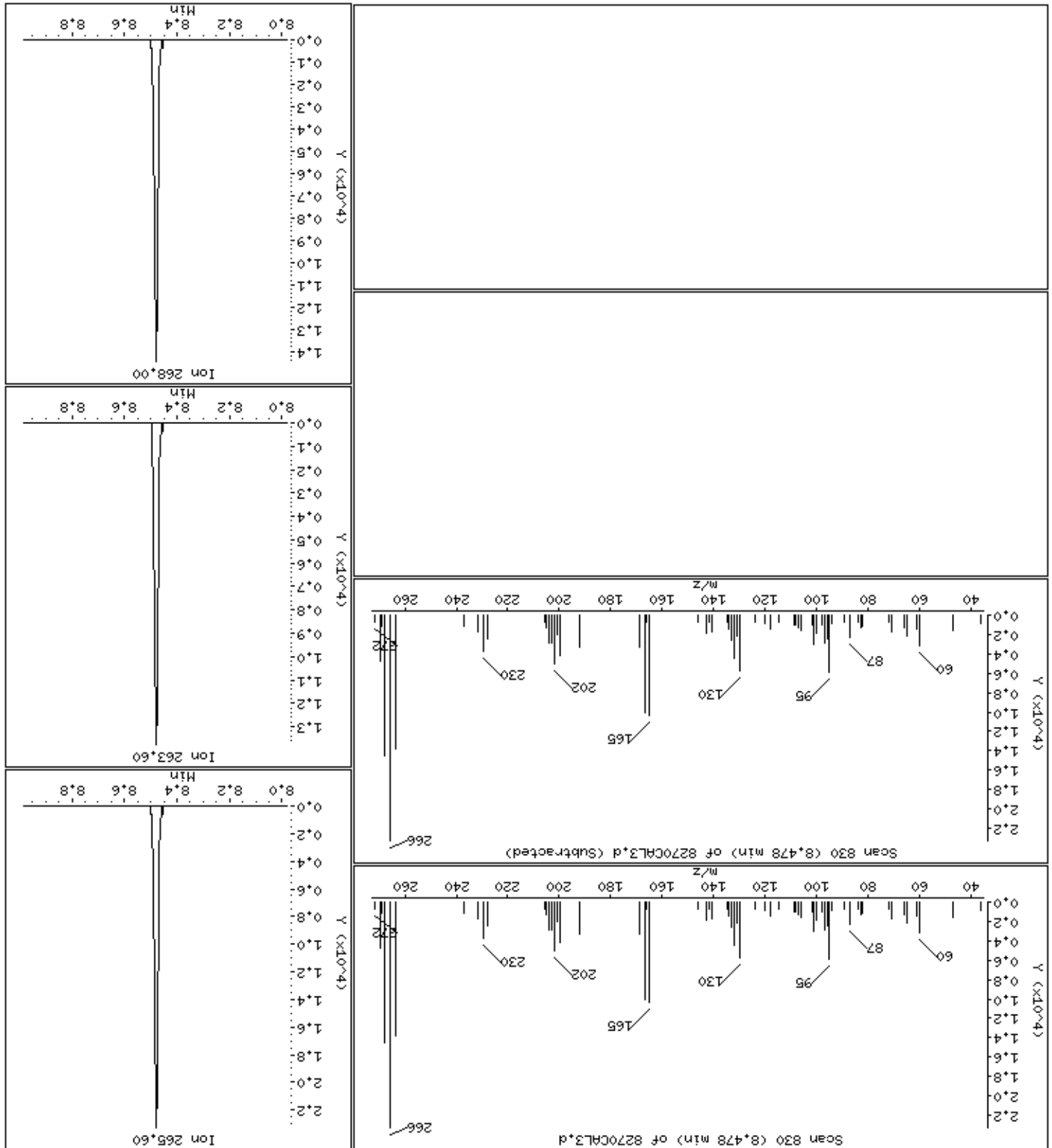
Concentration: 21.7 ug/kg

Instrument: smsd04.i

Data File: \\Svevd04\DD\chem\smsd04\54111455cal\8270CAL3.D

96 Pentachlorophenol

Column phase: HPMS-5





Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 4767

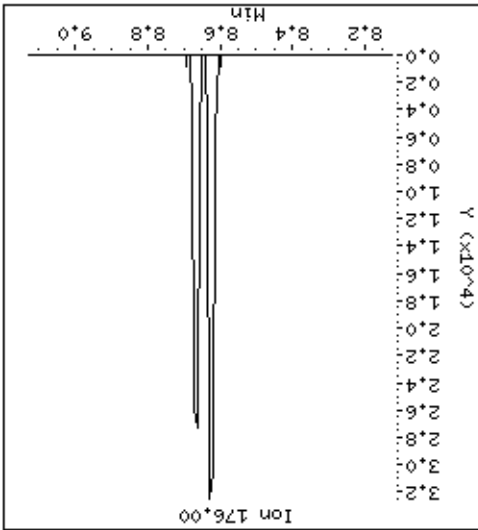
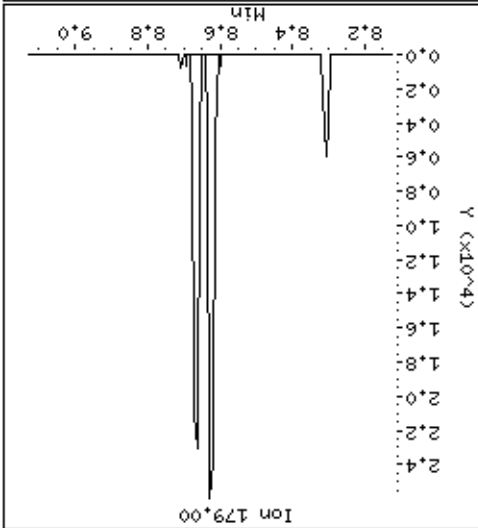
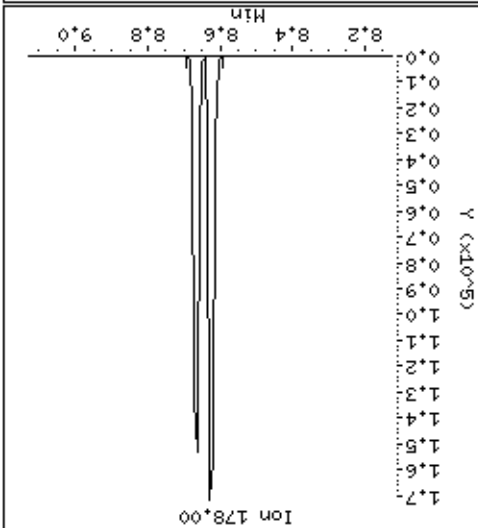
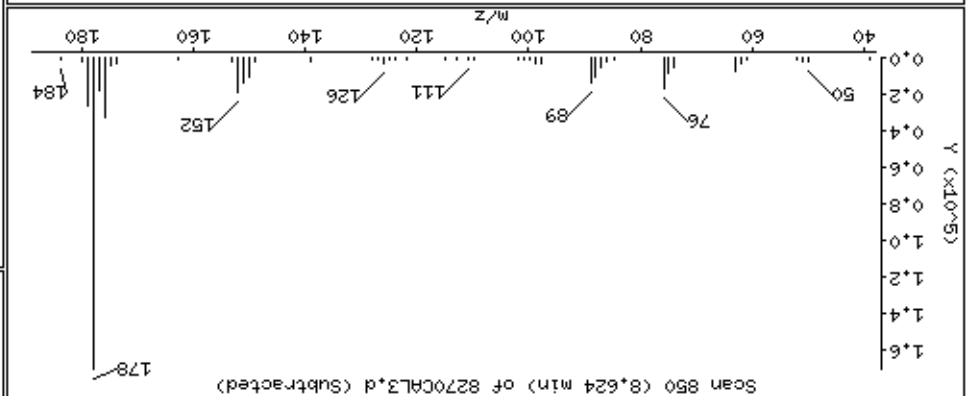
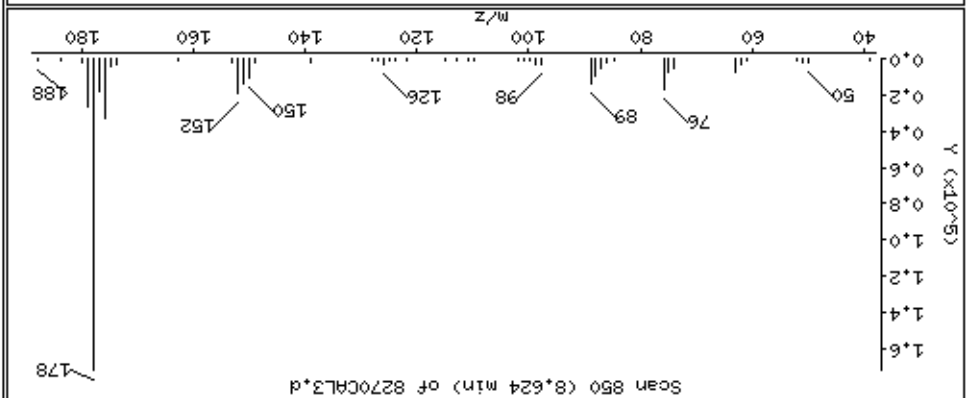
Operator: MJ

Column diameter: 0.25

Concentration: 18.8 ug/kg

101 Phenanthrene

Instrument: smsd04.1



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

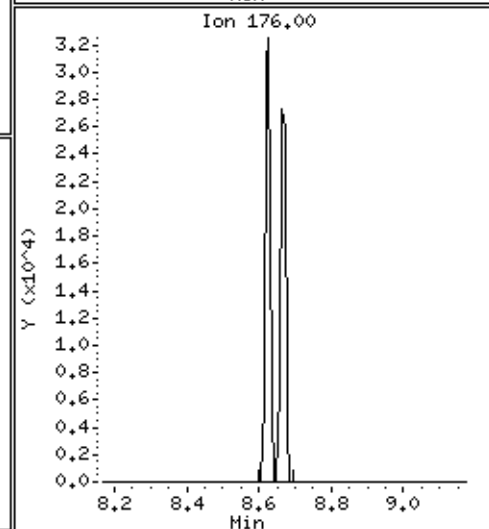
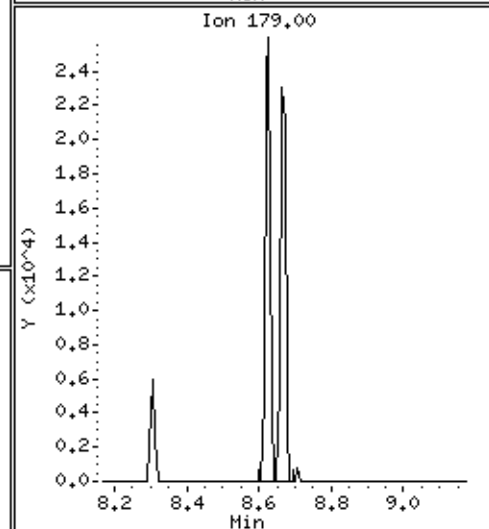
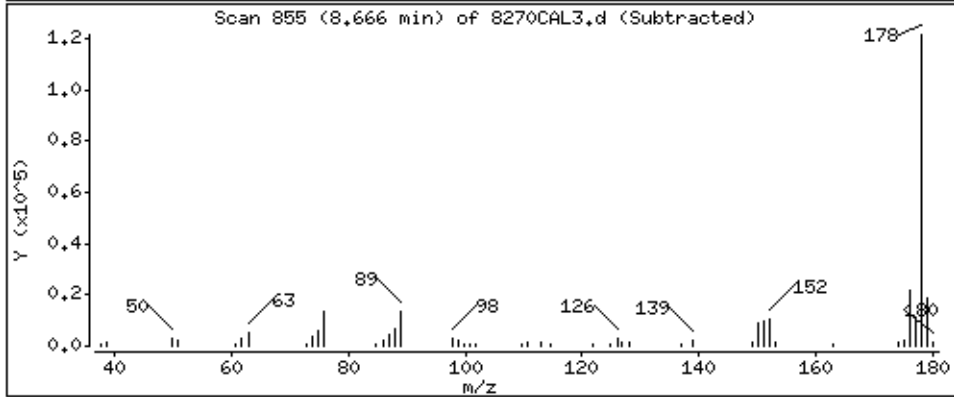
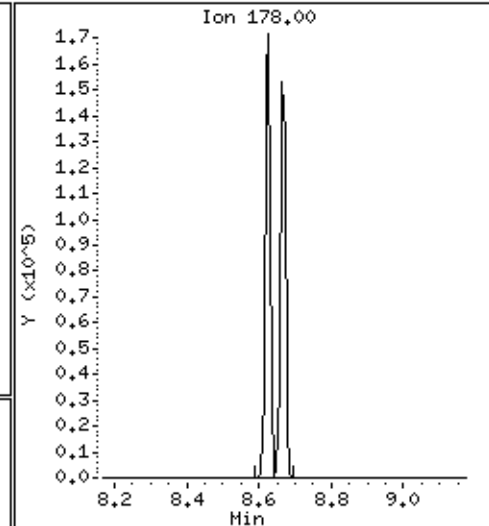
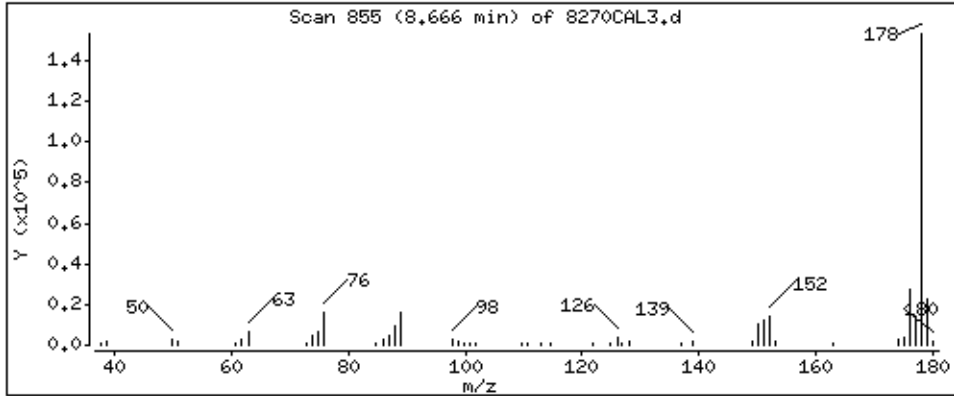
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

103 Anthracene

Concentration: 18,7 ug/kg



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

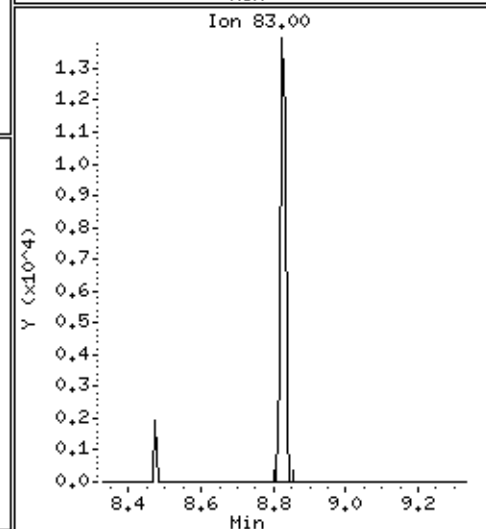
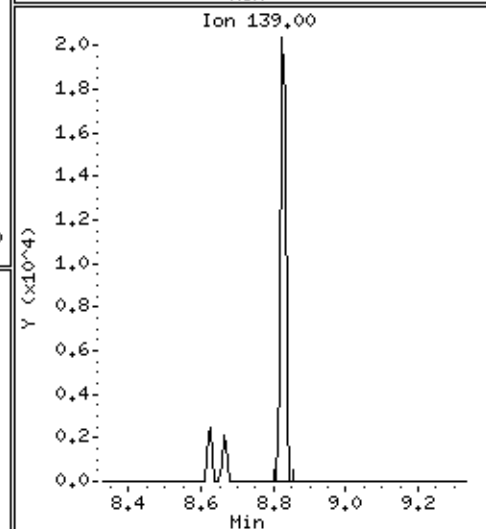
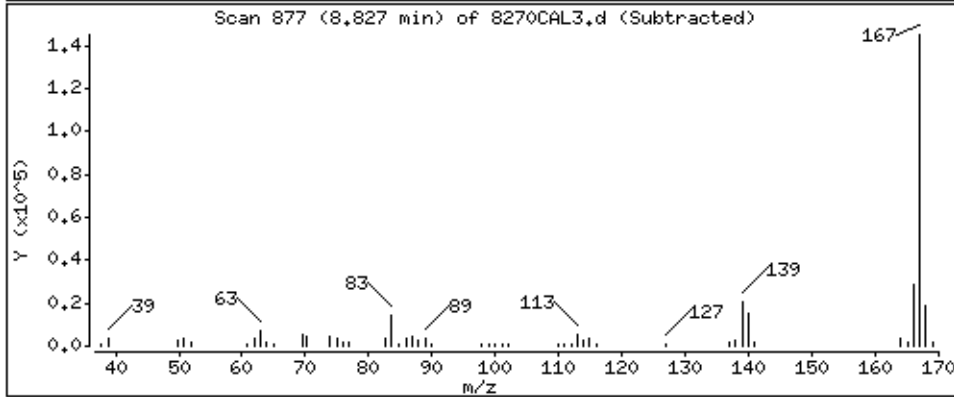
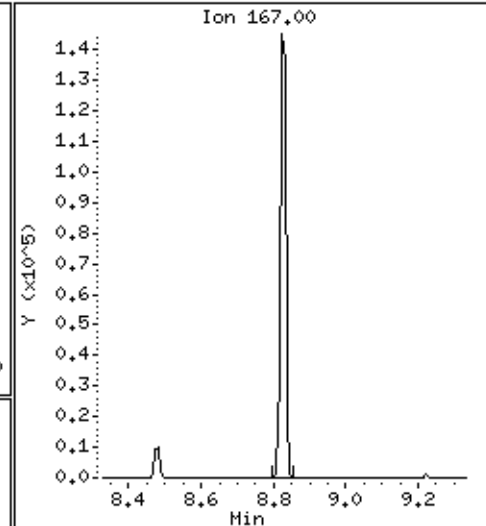
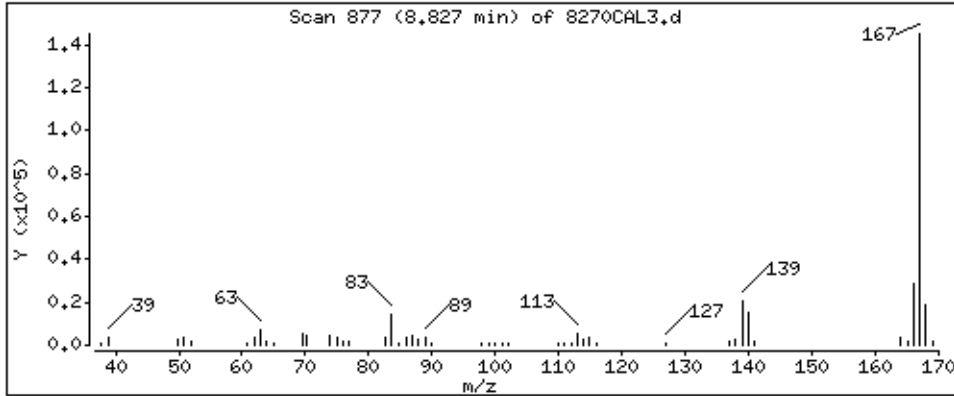
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

104 Carbazole

Concentration: 18,2 ug/kg



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

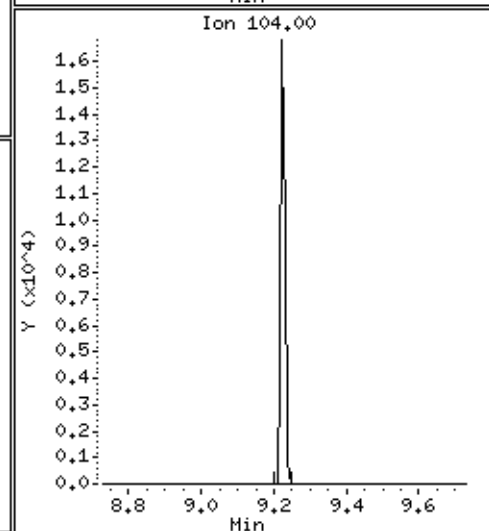
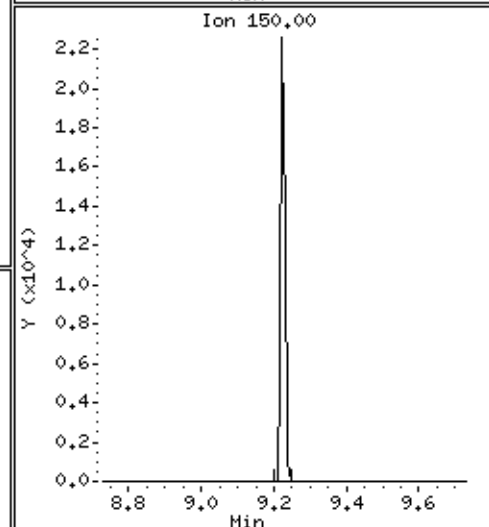
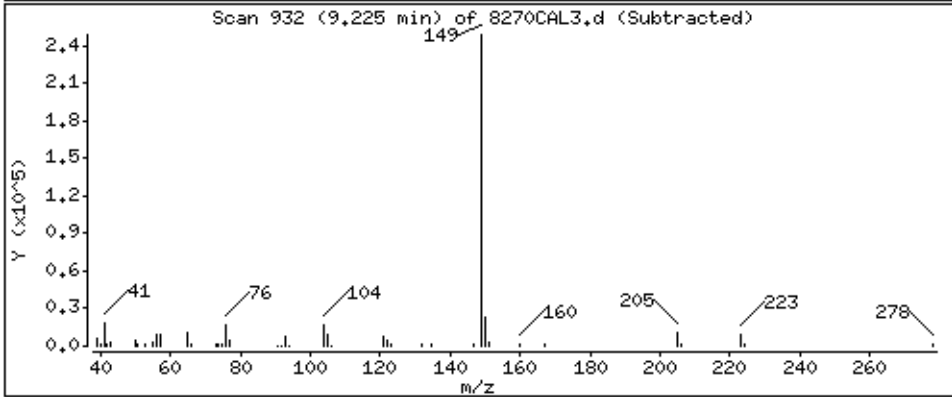
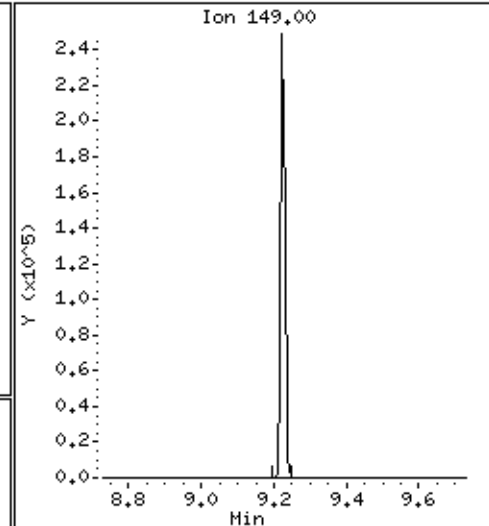
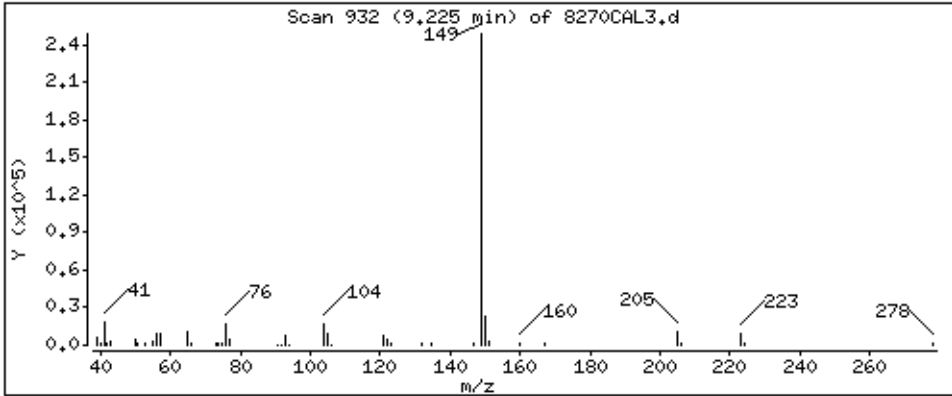
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

105 Di-n-butylphthalate

Concentration: 18,2 ug/kg



Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 4767

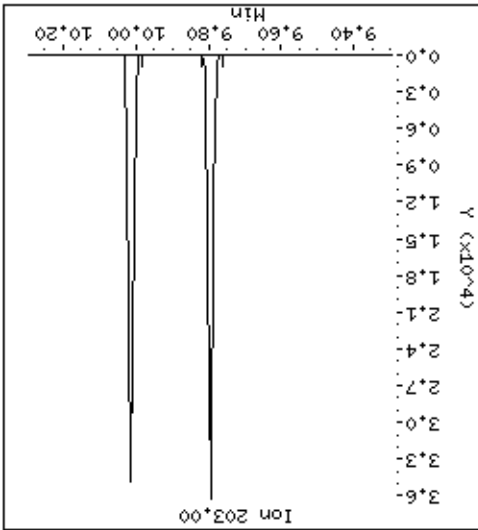
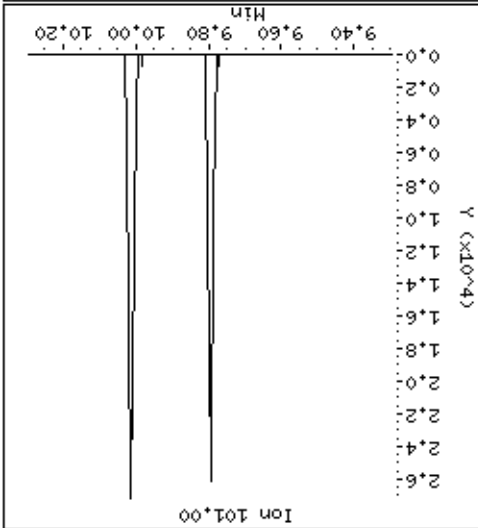
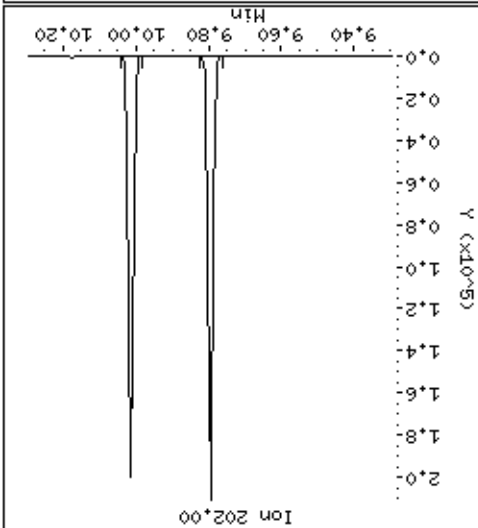
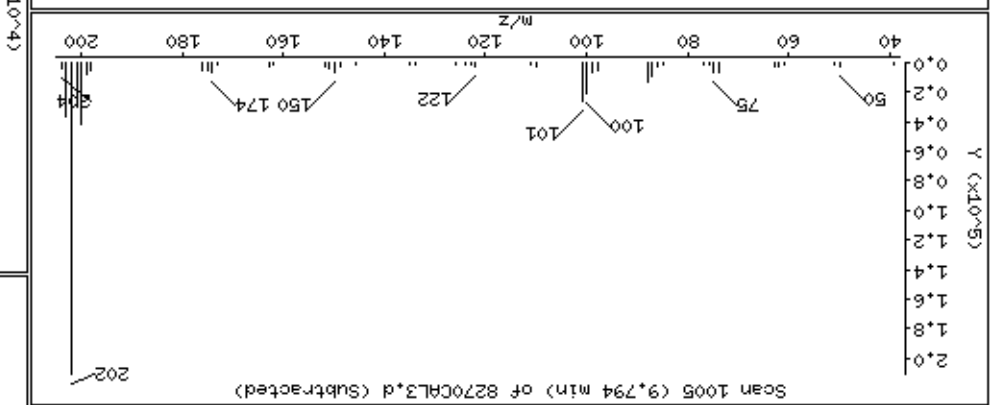
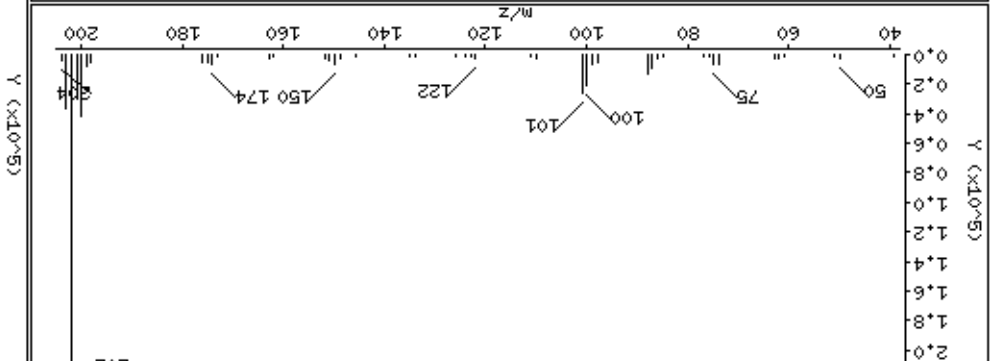
Operator: MJ

Column diameter: 0.25

Concentration: 18.4 ug/kg

109 Fluoranthene

Scan 1005 (9.794 min) of 8270CAL3.d



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

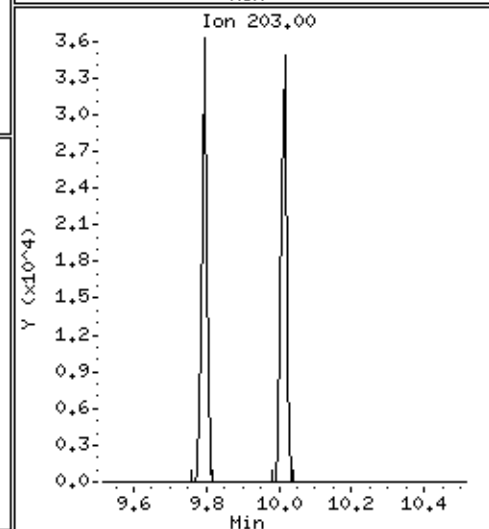
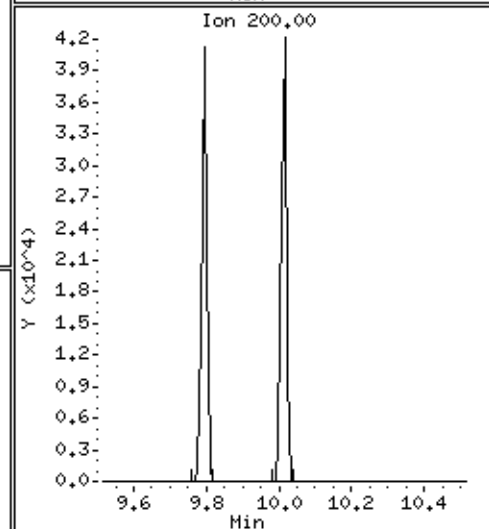
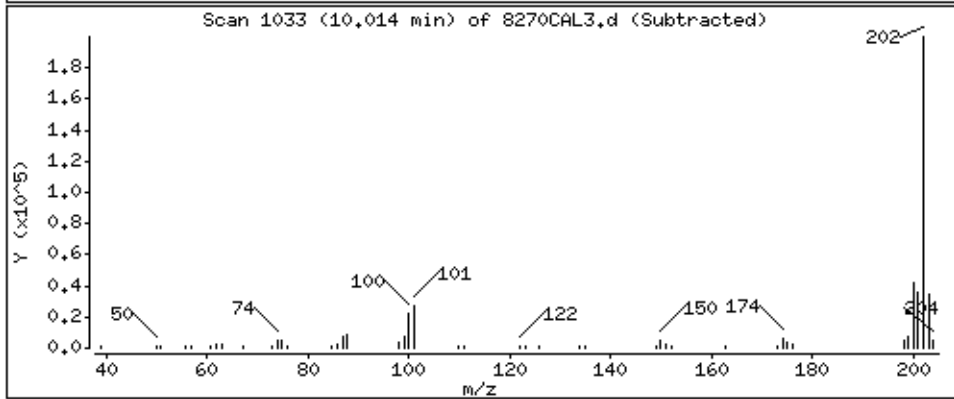
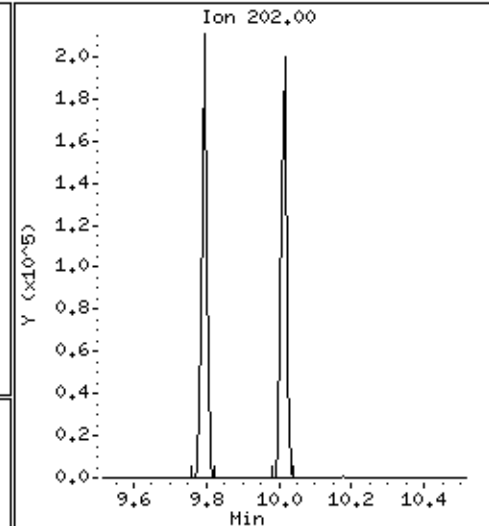
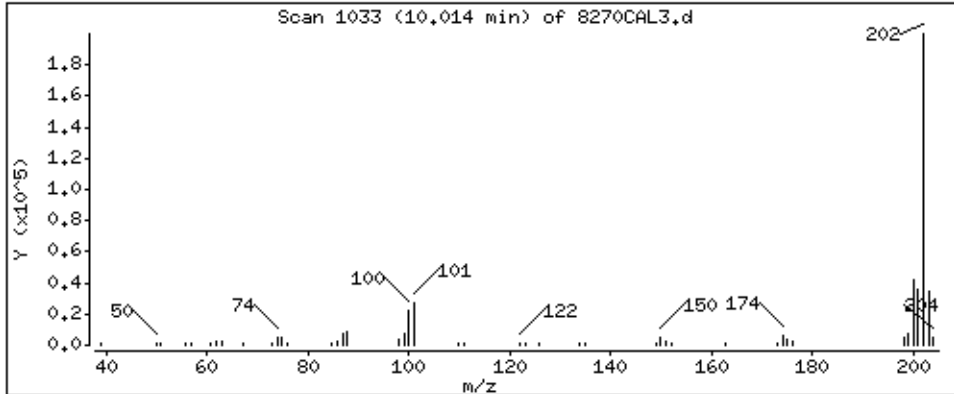
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

111 Pyrene

Concentration: 19,5 ug/kg



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

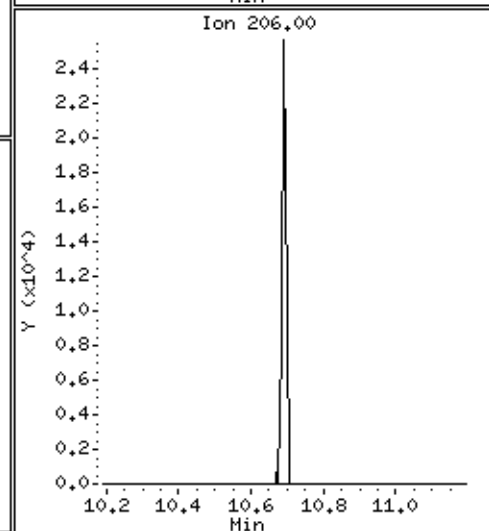
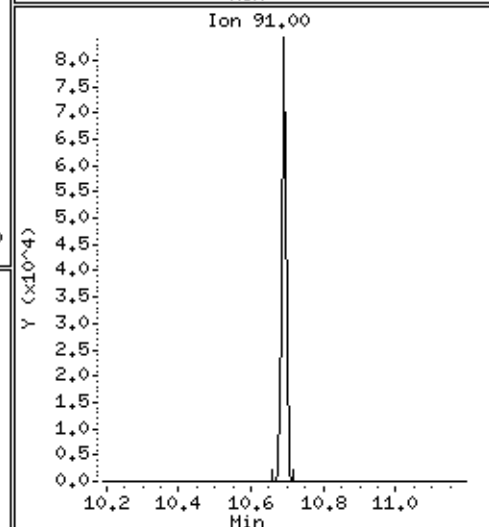
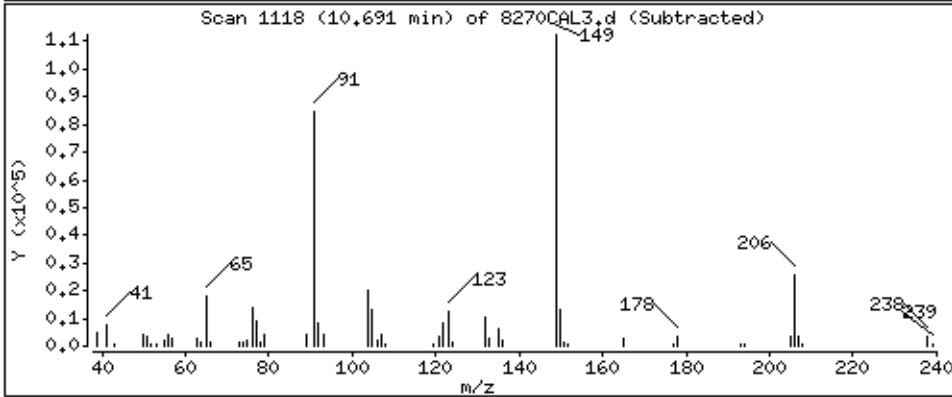
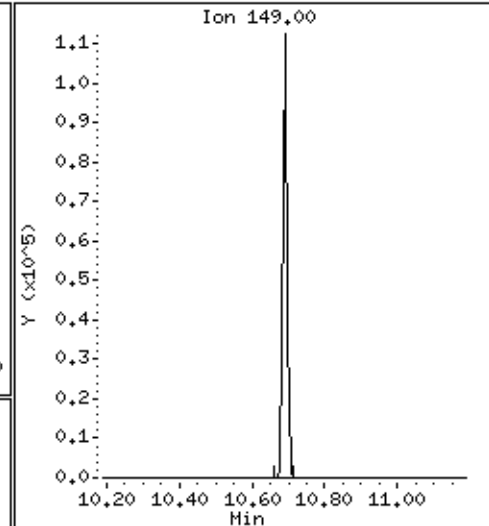
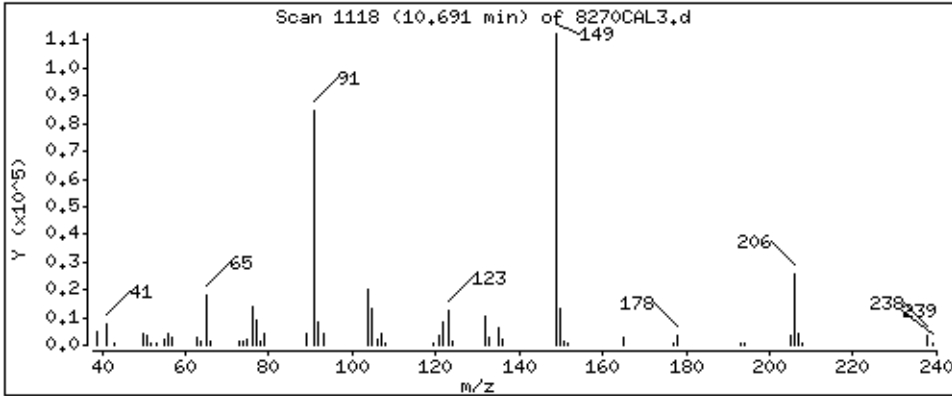
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

118 Butylbenzylphthalate

Concentration: 18,0 ug/kg



Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

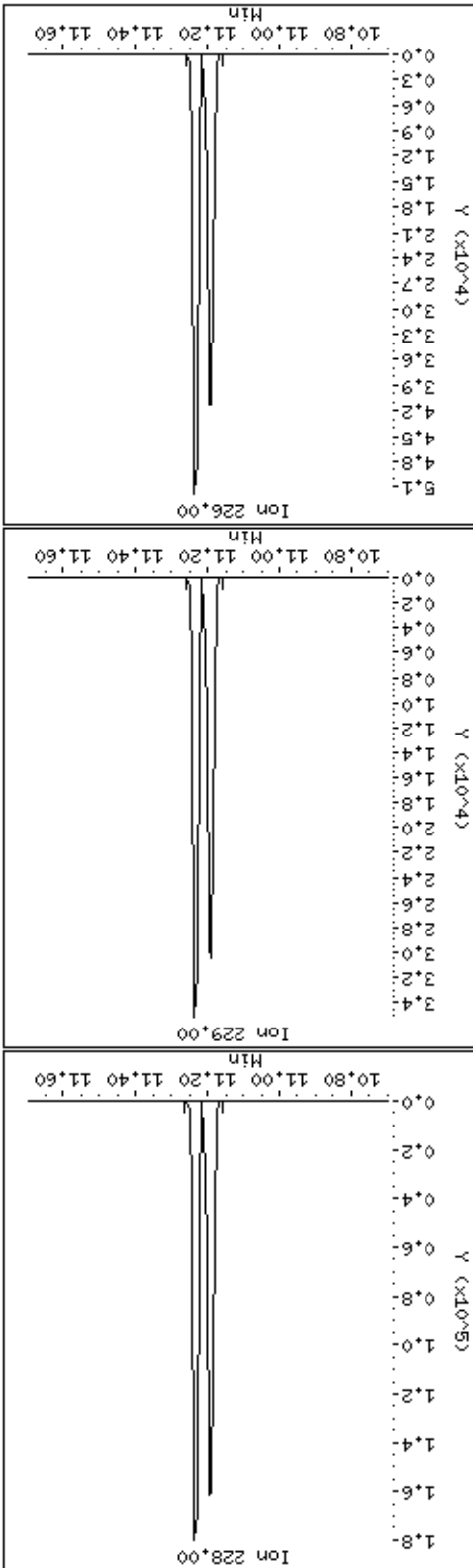
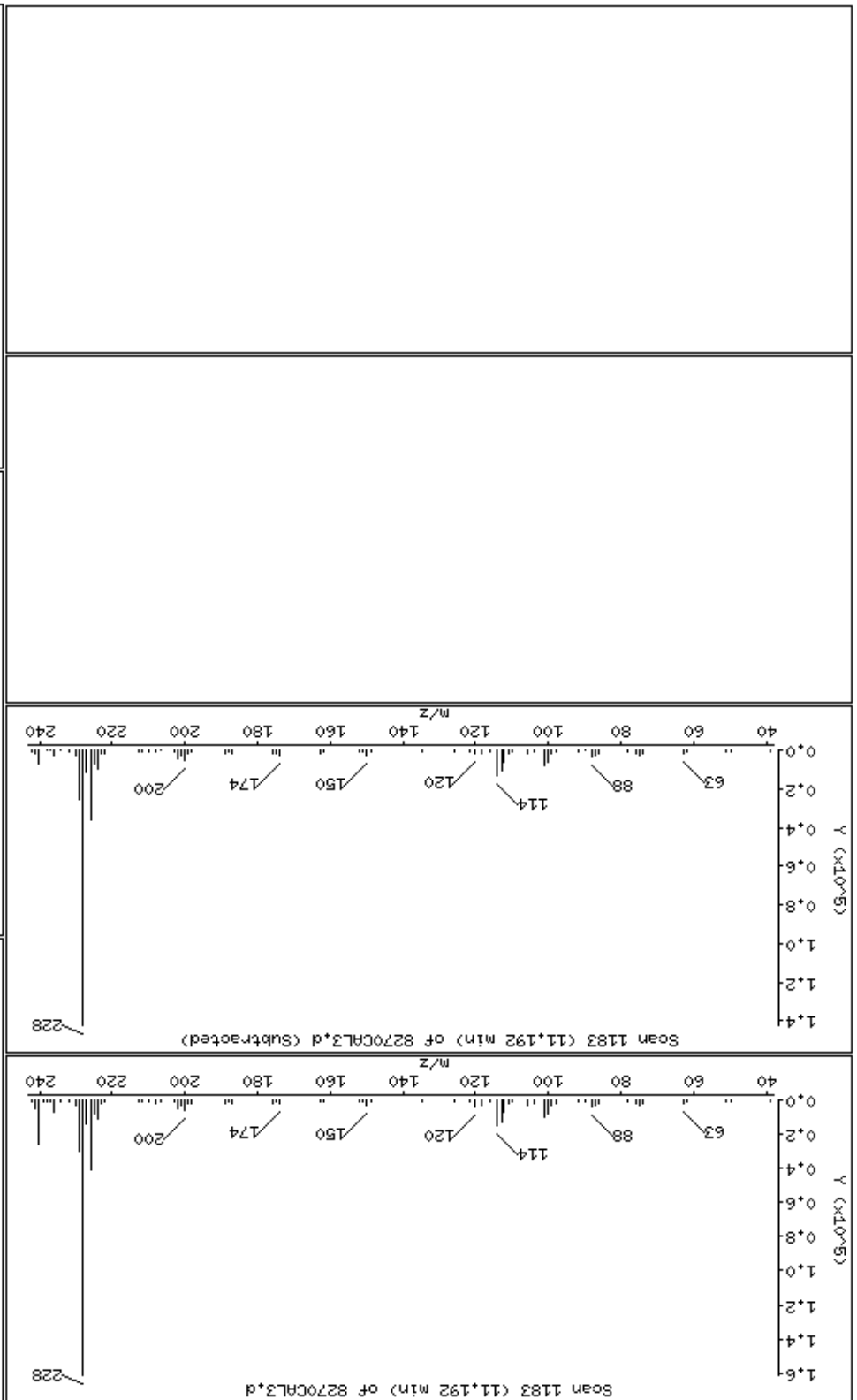
Sample Info: 4767

Operator: MJ

Column diameter: 0.25

Concentration: 18.6 ug/kg

120 Benzol[anthracene





Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 4767

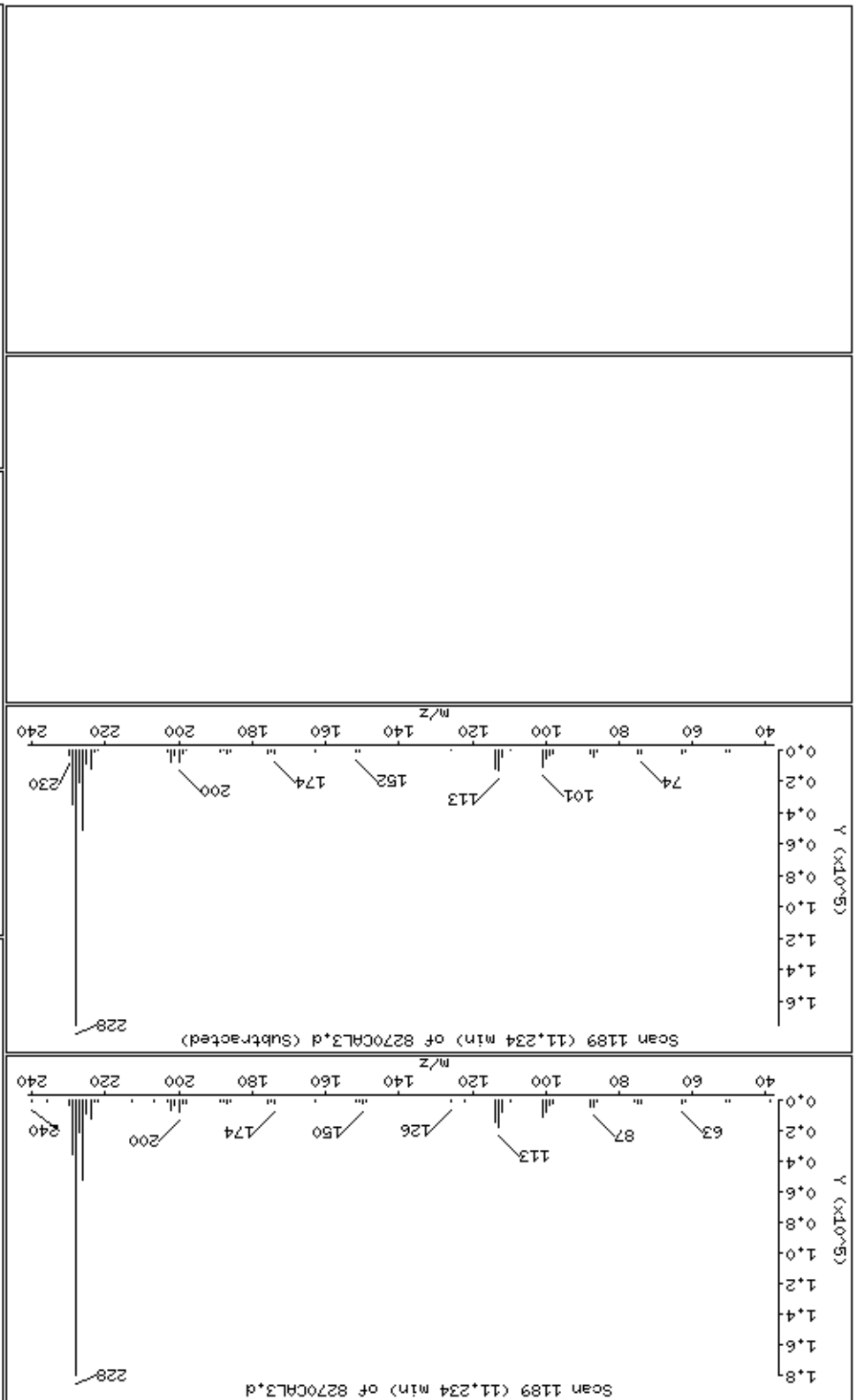
Operator: MJ

Column diameter: 0.25

Concentration: 19.0 ug/kg

Instrument: smsd04.1

123 Chrysene



Ion 228.00

Ion 228.00

Ion 226.00

Ion 229.00

Ion 229.00

Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

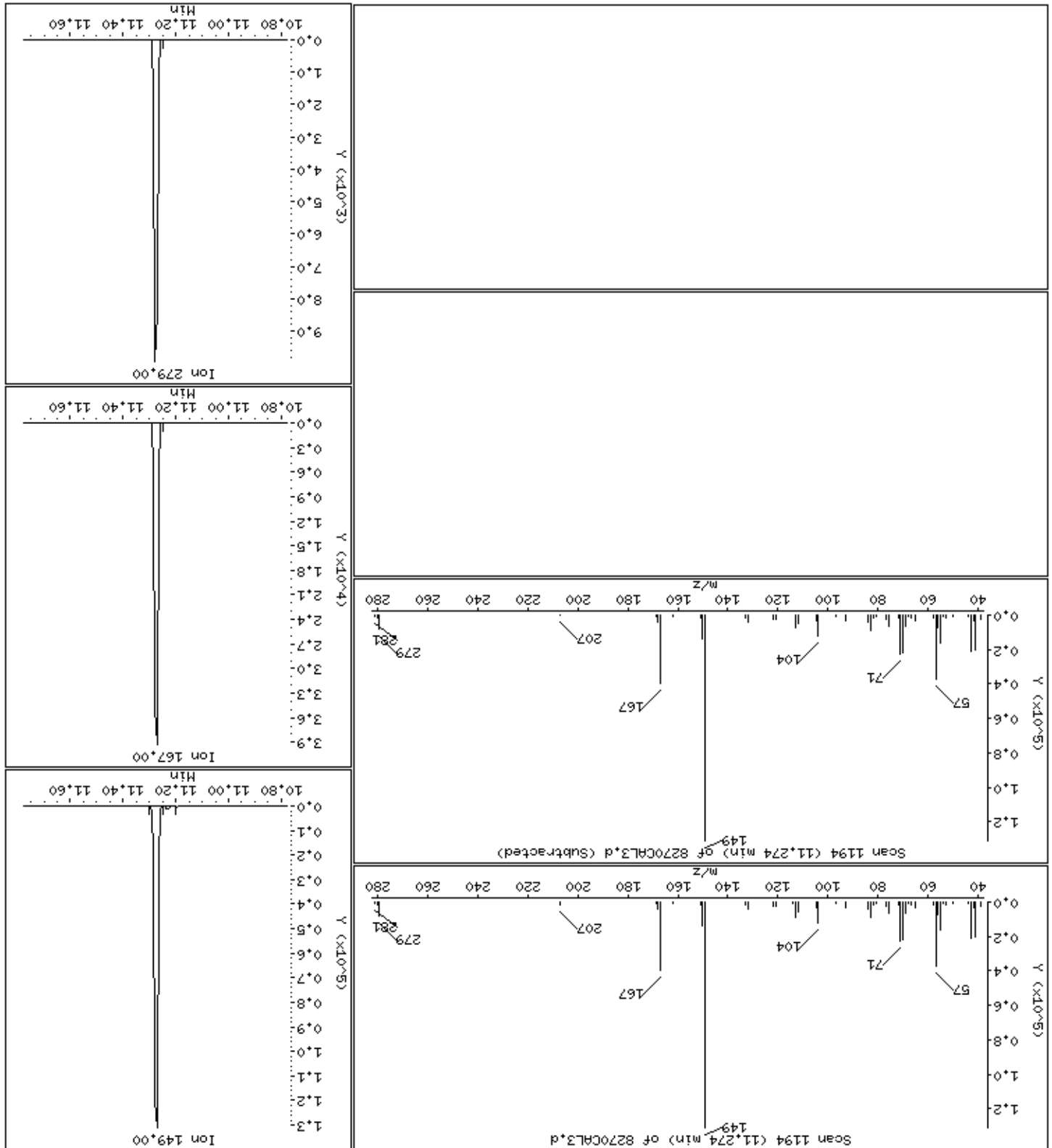
Column diameter: 0.25

Concentration: 17.9 ug/kg

Instrument: smsd04.1

124 Bis-2-Ethylhexylphthalate

Column phase: HPMS-5



Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 47767

Operator: MJ

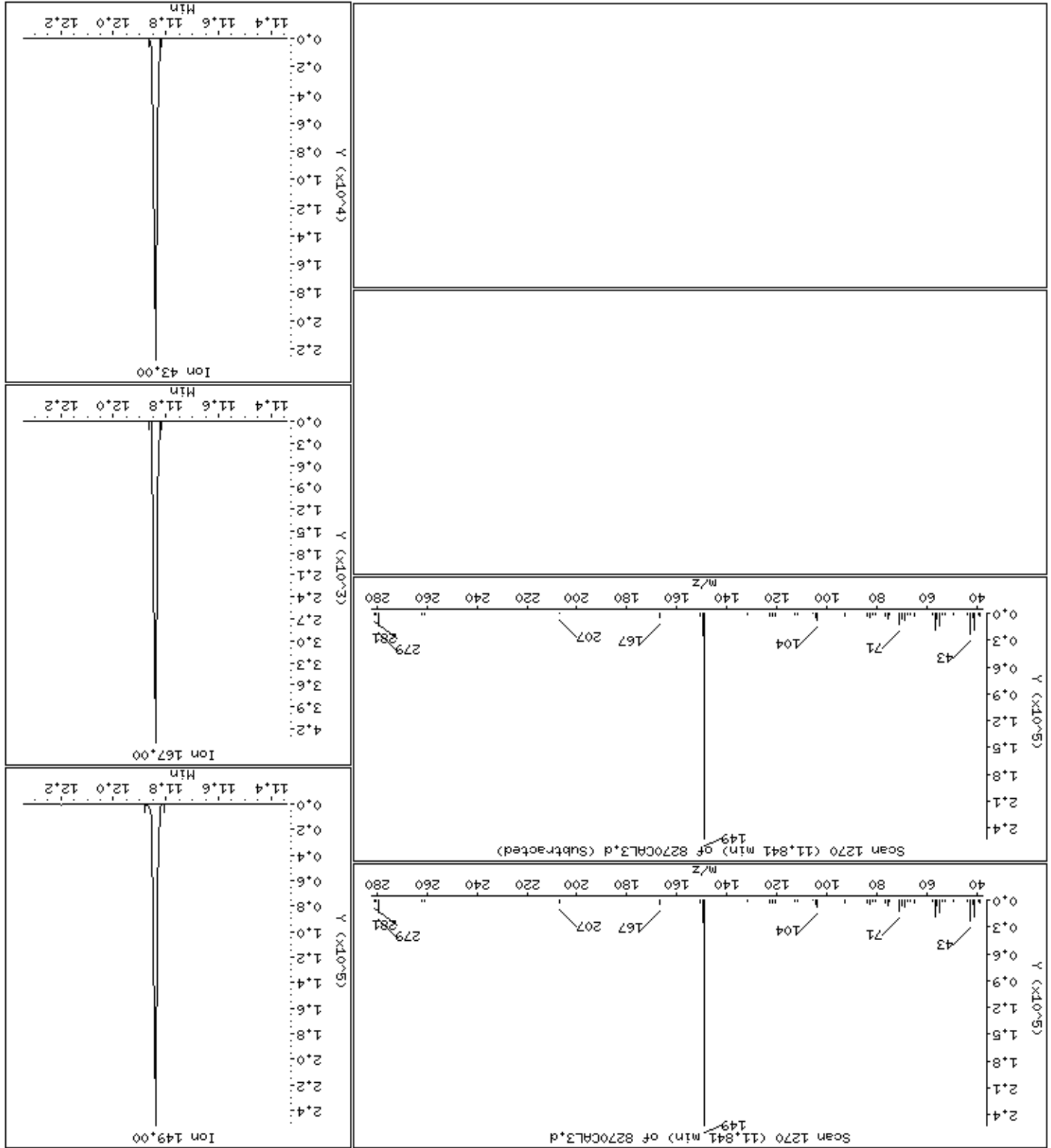
Column diameter: 0.25

Concentration: 24.6 ug/kg

Instrument: smsd04.1

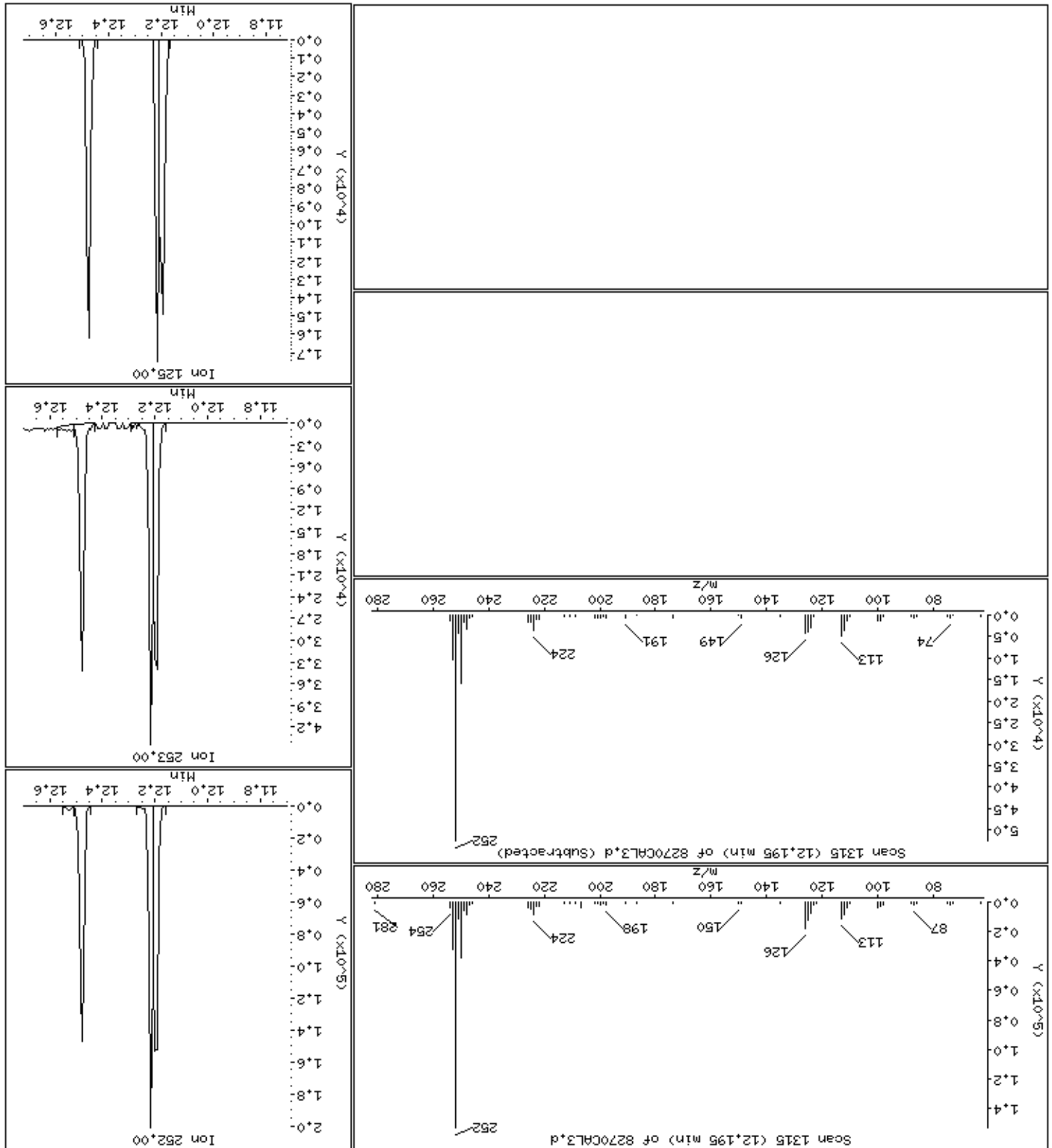
125 Di-n-octylphthalate

Column phase: HPMS-5



127 Benzol[b]fluoranthene

Column phase: HPMS-5



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

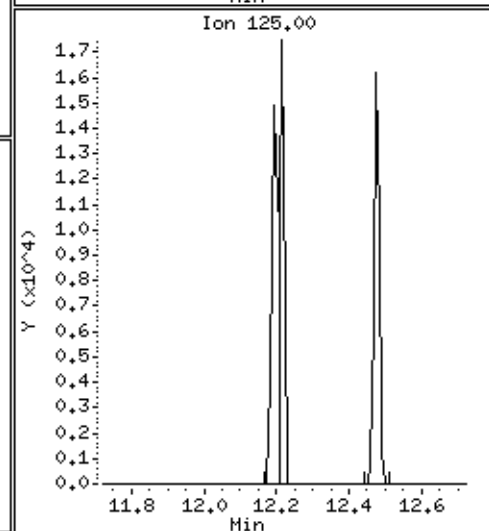
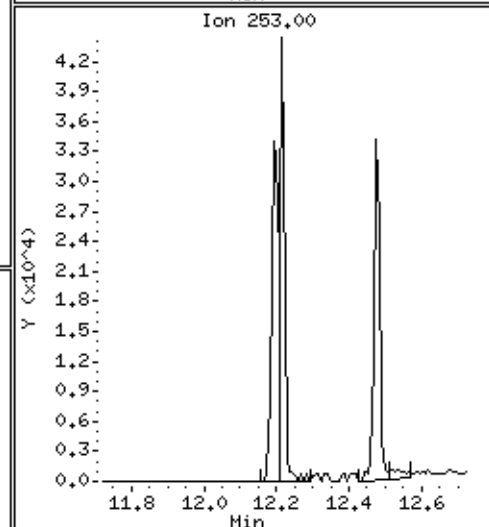
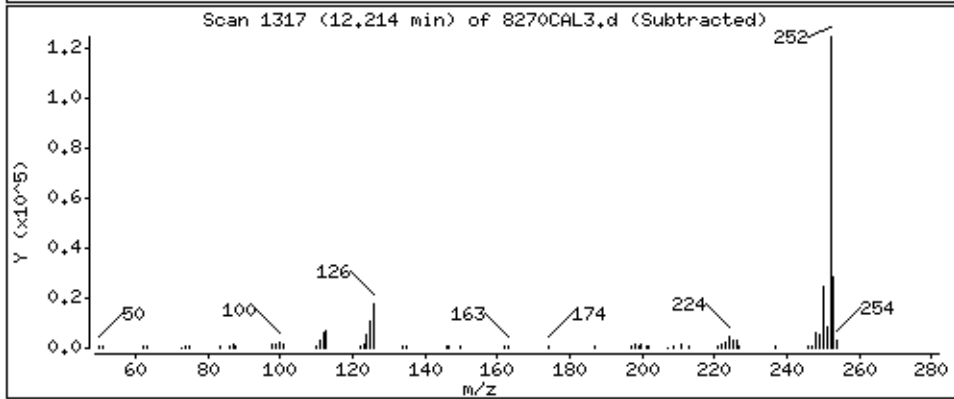
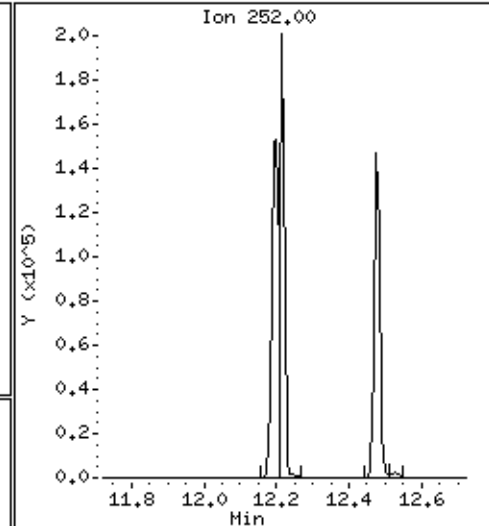
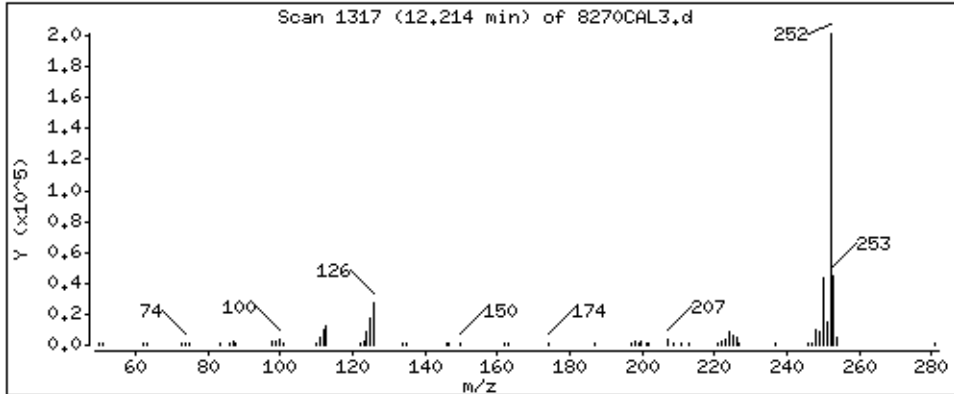
Operator: MJ

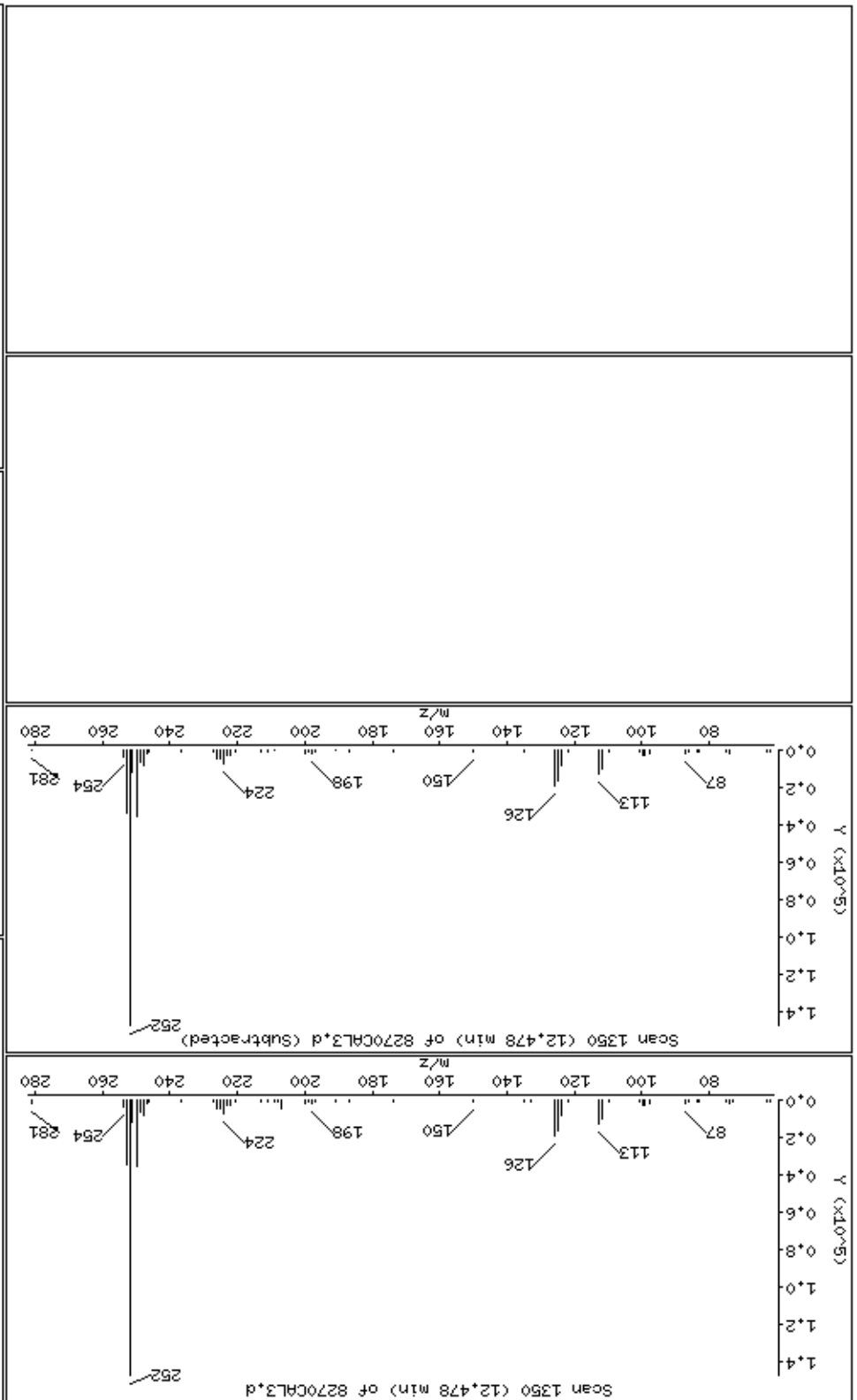
Column phase: HPMS-5

Column diameter: 0,25

128 Benzo[k]fluoranthene

Concentration: 17,0 ug/kg





Date: 15-NOV-2012 00:04

Client ID: 8270CAL3

Sample Info: 4767

Operator: MJ

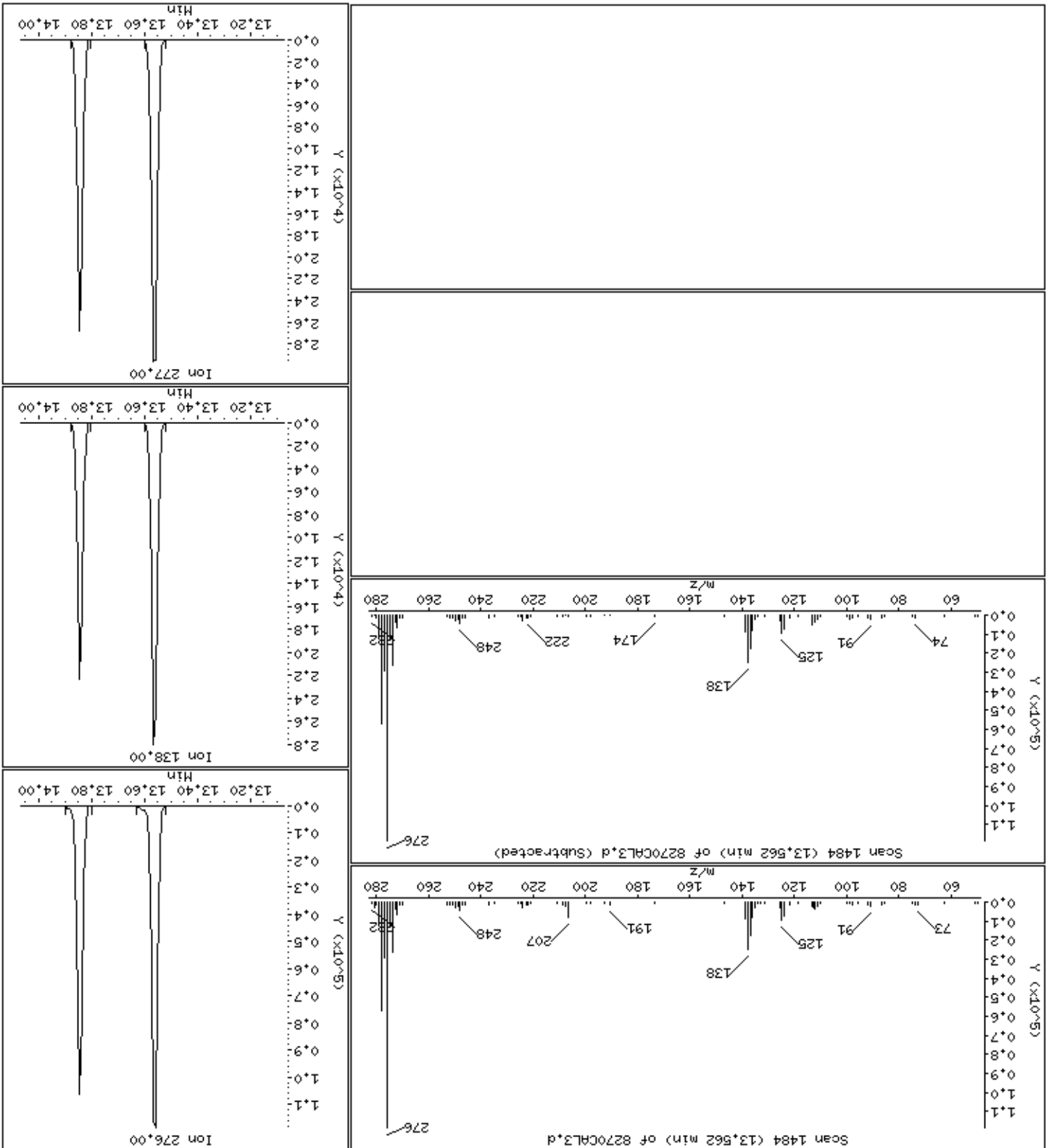
Column diameter: 0.25

Concentration: 18.4 ug/kg

Instrument: smsd04.1

133 Indeno[1,2,3-cd]pyrene

Column phase: HPMS-5



Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

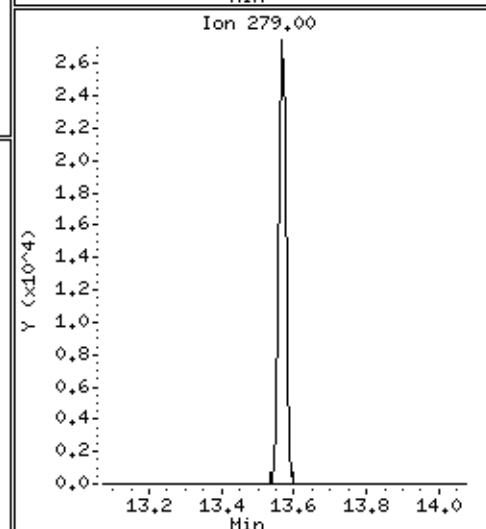
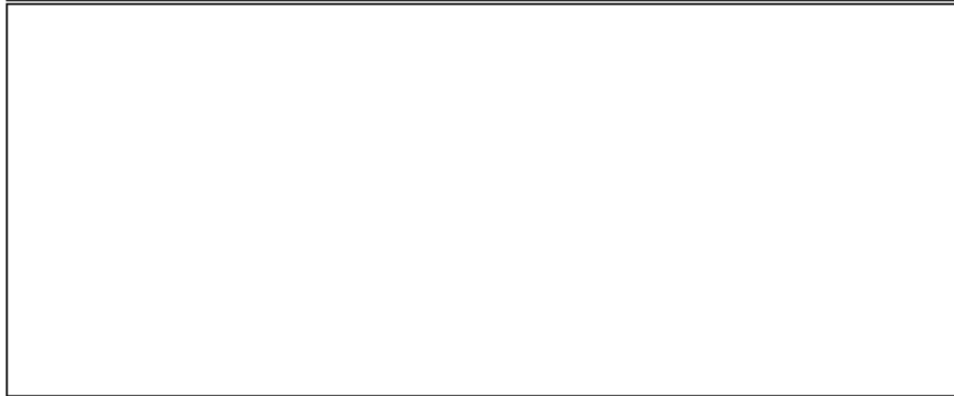
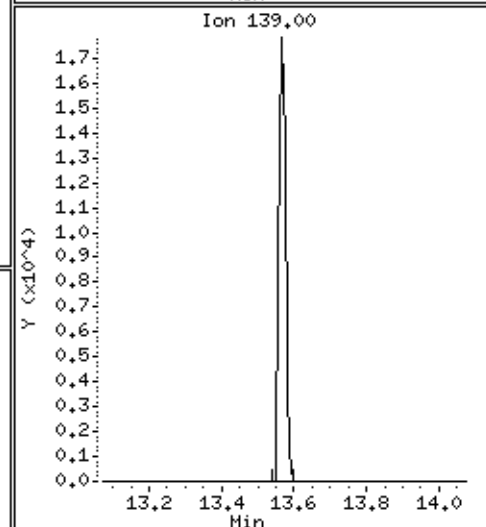
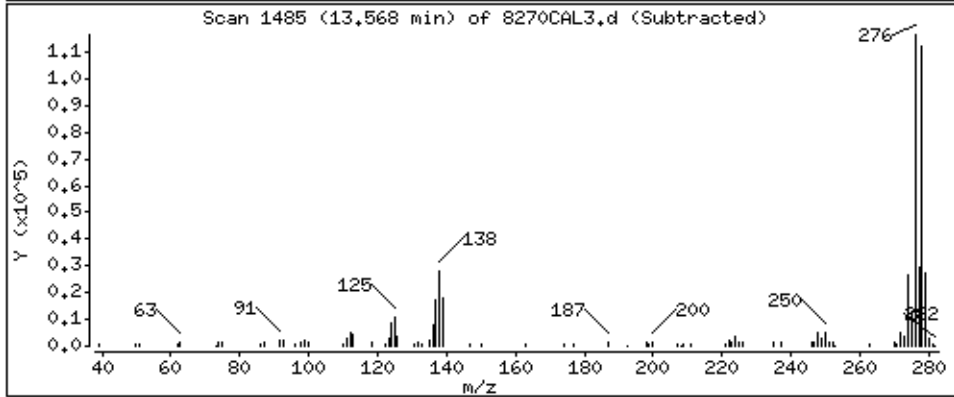
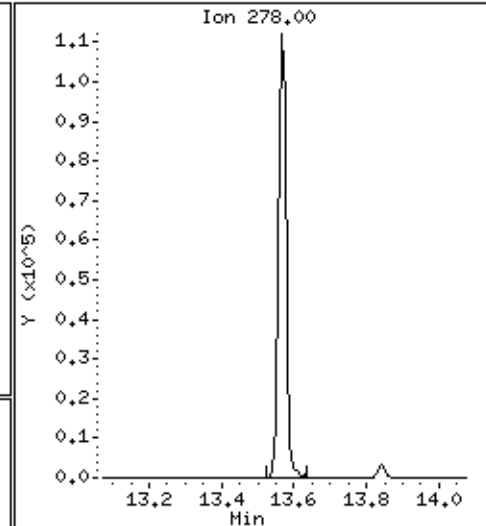
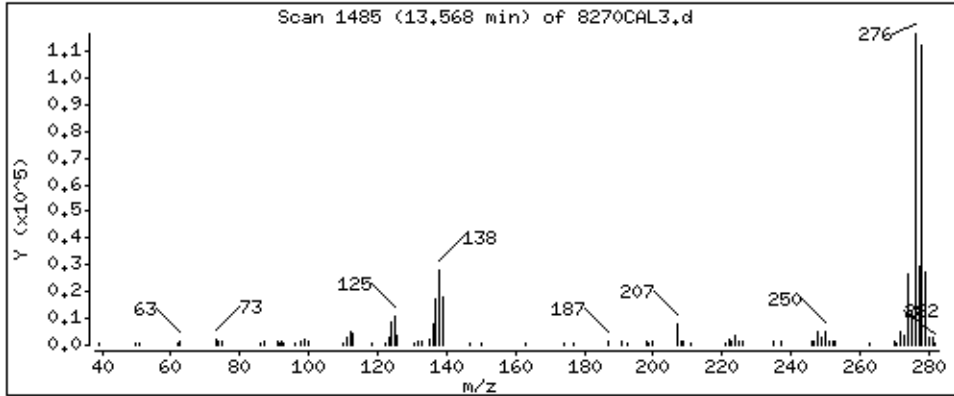
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

134 Dibenz[*a,h*]anthracene

Concentration: 18,1 ug/kg





Date : 15-NOV-2012 00:04

Client ID: 8270CAL3

Instrument: smsd04.i

Sample Info: 47767

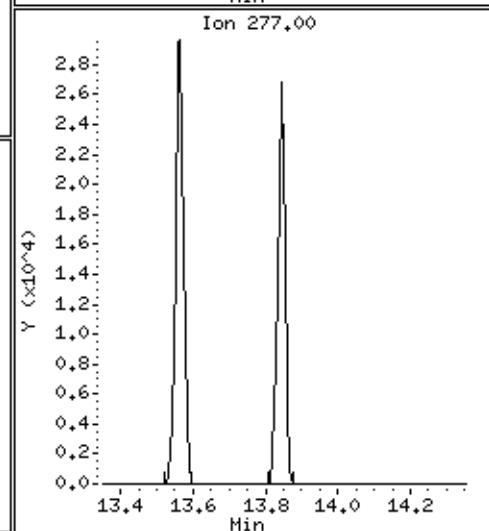
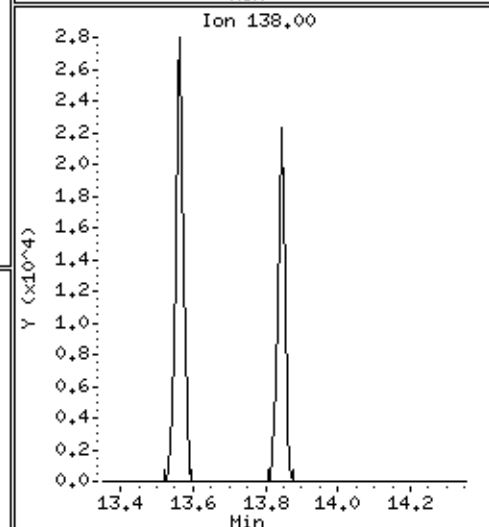
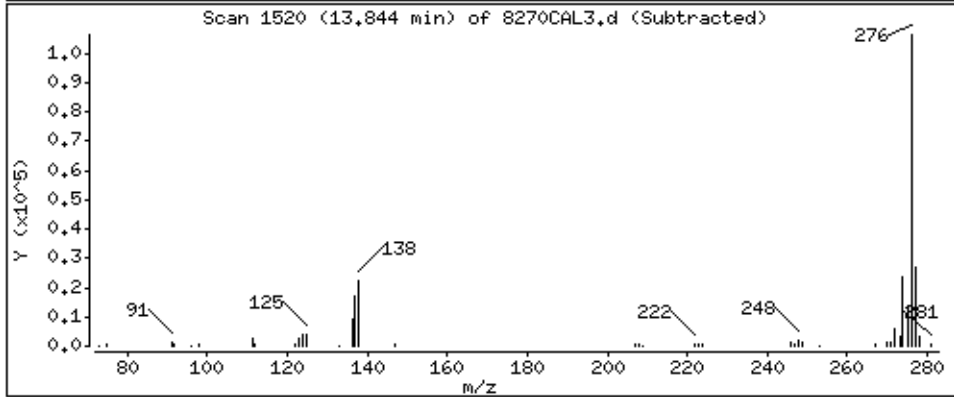
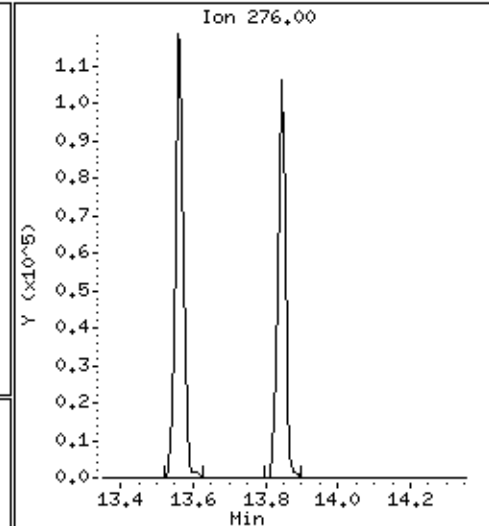
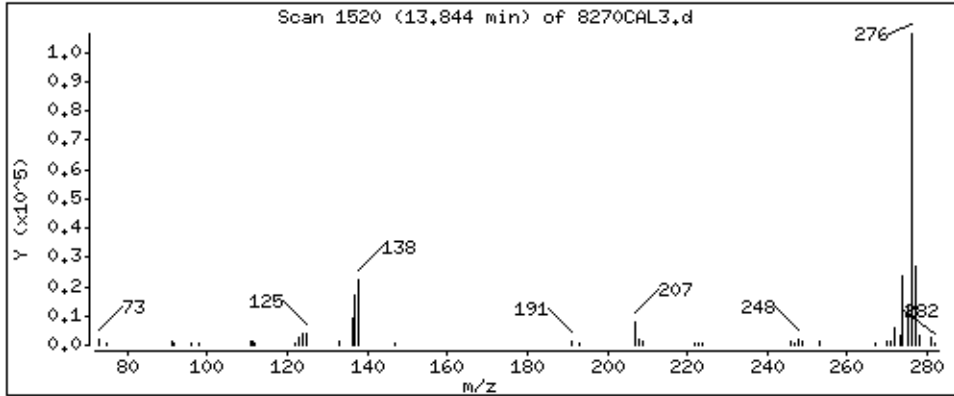
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

135 Benzo[g,h,i]perylene

Concentration: 19,7 ug/kg



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270CAL2.d  
 Lab Smp Id: 47768 Client Smp ID: 8270CAL2  
 Inj Date : 15-NOV-2012 00:25 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47768  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-OCT-2012 15:02 Cal File: AP9CAL2.d  
 Als bottle: 26 Calibration Sample, Level: 2  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: 8270caln.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
-----									
2 Pyridine						CAS #: 110-86-1			
2.231	2.228	( 0.519)	79	35593	10.0000	10.1	80.00- 120.00	100.00	
2.231	2.228	( 0.519)	52	22731			35.30- 95.30	63.86	
-----									
M 16 Cresols (Total)						CAS #: 1319-77-3			
				60697	20.0000	(a)			
-----									
1 N-Nitrosodimethylamine						CAS #: 62-75-9			
2.220	2.220	( 0.517)	42	15648	10.0000	10.0	80.00- 120.00	100.00	
2.221	2.220	( 0.517)	74	20079			97.07- 157.07	128.32	
2.217	2.221	( 0.516)	44	773			0.00- 34.98	4.94	
-----									
\$ 6 2-Fluorophenol (SURR)						CAS #: 367-12-4			
3.245	3.246	( 0.756)	112	60461	20.0000	19.4	80.00- 120.00	100.00	
3.245	3.246	( 0.756)	64	37738			32.62- 92.62	62.42	
-----									
\$ 11 Phenol-d5 (SURR)						CAS #: 4165-62-2			
3.999	4.006	( 0.931)	99	75475	20.0000	19.1	80.00- 120.00	100.00	
3.999	4.006	( 0.931)	42	15241			0.00- 49.74	20.19	
4.000	4.006	( 0.931)	71	32633			12.66- 72.66	43.24	
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
13 Phenol					CAS #: 108-95-2				
4.009	4.016	( 0.933)	94	41368	10.0000	9.0	80.00-	120.00	100.00
4.009	4.016	( 0.933)	65	13726			0.94-	60.94	33.18
4.008	4.015	( 0.933)	66	23215			21.40-	81.40	56.12
-----									
10 Aniline					CAS #: 62-53-3				
4.042	4.046	( 0.941)	93	44905	10.0000	10.2	80.00-	120.00	100.00
4.042	4.046	( 0.941)	65	9873			0.00-	50.97	21.99
4.042	4.046	( 0.941)	66	19340			12.95-	72.95	43.07
-----									
14 Bis(2-Chloroethyl)ether					CAS #: 111-44-4				
4.088	4.094	( 0.952)	93	30055	10.0000	9.7	80.00-	120.00	100.00
4.088	4.093	( 0.952)	63	23337			43.04-	103.04	77.65
4.088	4.094	( 0.952)	95	10232			1.90-	61.90	34.04
-----									
15 2-Chlorophenol					CAS #: 95-57-8				
4.139	4.142	( 0.964)	128	30252	10.0000	10.1	80.00-	120.00	100.00
4.138	4.142	( 0.963)	64	16118			24.14-	84.14	53.28
4.139	4.142	( 0.964)	130	9404			2.15-	62.15	31.09
-----									
17 1,3-Dichlorobenzene					CAS #: 541-73-1				
4.265	4.267	( 0.993)	146	36464	10.0000	10.2	80.00-	120.00	100.00
4.265	4.267	( 0.993)	148	22247			34.15-	94.15	61.01
4.265	4.267	( 0.993)	111	17247			14.34-	74.34	47.30
-----									
* 18 1,4-Dichlorobenzene-d4					CAS #: 3855-82-1				
4.295	4.294	( 1.000)	152	95892	40.0000		80.00-	120.00	100.00
4.295	4.294	( 1.000)	115	60613			34.81-	94.81	63.21
4.295	4.294	( 1.000)	150	157335			126.51-	186.51	164.08
-----									
19 1,4-Dichlorobenzene					CAS #: 106-46-7				
4.310	4.311	( 1.003)	146	37778	10.0000	10.1	80.00-	120.00	100.00
4.310	4.311	( 1.003)	148	24064			36.10-	96.10	63.70
4.309	4.311	( 1.003)	111	17176			14.95-	74.95	45.47
-----									
21 Benzyl alcohol					CAS #: 100-51-6				
4.427	4.429	( 1.031)	108	18539	10.0000	9.2	80.00-	120.00	100.00
4.426	4.429	( 1.030)	79	28420			126.03-	186.03	153.30
4.426	4.429	( 1.031)	77	19701			76.75-	136.75	106.27
-----									
20 1,2-Dichlorobenzene					CAS #: 95-50-1				
4.477	4.478	( 1.042)	146	34380	10.0000	9.9	80.00-	120.00	100.00
4.477	4.478	( 1.042)	148	21585			33.36-	93.36	62.78
4.477	4.478	( 1.042)	111	15997			18.07-	78.07	46.53
-----									
22 2-Methylphenol					CAS #: 95-48-7				
4.534	4.538	( 1.056)	107	24875	10.0000	10.2	80.00-	120.00	100.00
4.534	4.538	( 1.056)	108	26041			83.56-	143.56	104.69
4.534	4.538	( 1.056)	79	14307			27.79-	87.79	57.52
-----									
23 2,2'-oxybis(1-chloropropane)					CAS #: 108-60-1				
4.569	4.571	( 1.064)	45	40257	10.0000	10.3	80.00-	120.00	100.00
4.569	4.571	( 1.064)	77	6620			0.00-	47.34	16.44

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
23 2,2'-oxybis(1-chloropropane) (continued)									
4.569	4.571	( 1.064)	121	10916			0.00-	56.71	27.12
-----									
28 4-Methylphenol CAS #: 106-44-5									
4.662	4.668	( 1.085)	107	35822	10.0000	9.7	80.00-	120.00	100.00
4.662	4.668	( 1.085)	108	28435			51.88-	111.88	79.38
4.661	4.668	( 1.085)	79	10072			0.00-	57.76	28.12
-----									
26 N-Nitrosodinpropylamine CAS #: 621-64-7									
4.692	4.699	( 1.092)	70	25793	10.0000	9.8	80.00-	120.00	100.00
4.692	4.699	( 1.092)	42	12654			21.53-	81.53	49.06
4.692	4.699	( 1.092)	130	5350			0.00-	51.40	20.74
-----									
30 Hexachloroethane CAS #: 67-72-1									
4.753	4.753	( 1.107)	117	16115	10.0000	10.2	80.00-	120.00	100.00
4.753	4.754	( 1.107)	201	14338			63.39-	123.39	88.97
4.753	4.754	( 1.107)	199	8856			26.40-	86.40	54.96
-----									
\$ 31 Nitrobenzene-d5 (SURR) CAS #: 4165-60-0									
4.815	4.818	( 0.881)	82	40831	10.0000	10.0	80.00-	120.00	100.00
4.815	4.818	( 0.881)	128	14784			6.68-	66.68	36.21
4.814	4.818	( 0.881)	54	20048			19.12-	79.12	49.10
-----									
32 Nitrobenzene CAS #: 98-95-3									
4.831	4.834	( 0.884)	77	40555	10.0000	10.0	80.00-	120.00	100.00
4.831	4.835	( 0.884)	123	14731			6.73-	66.73	36.32
4.830	4.834	( 0.884)	65	5485			0.00-	43.84	13.52
-----									
34 Isophorone CAS #: 78-59-1									
5.041	5.046	( 0.923)	82	67210	10.0000	9.7	80.00-	120.00	100.00
5.041	5.047	( 0.923)	138	10037			0.00-	45.91	14.93
5.041	5.046	( 0.923)	95	5436			0.00-	37.77	8.09
-----									
35 2-Nitrophenol CAS #: 88-75-5									
5.126	5.128	( 0.938)	139	15927	10.0000	9.5	80.00-	120.00	100.00
5.126	5.127	( 0.938)	65	10252			33.65-	93.65	64.37
5.126	5.127	( 0.938)	109	6781			13.08-	73.08	42.58
-----									
36 2,4-Dimethylphenol CAS #: 105-67-9									
5.153	5.158	( 0.943)	122	21745	10.0000	8.7	80.00-	120.00	100.00
5.153	5.158	( 0.943)	107	30738			100.42-	160.42	141.36
5.153	5.158	( 0.943)	121	13033			27.73-	87.73	59.94
-----									
38 Bis(2-Chloroethoxy)methane CAS #: 111-91-1									
5.248	5.252	( 0.960)	93	38451	10.0000	9.6	80.00-	120.00	100.00
5.248	5.252	( 0.961)	95	12912			2.66-	62.66	33.58
5.247	5.252	( 0.960)	123	4562			0.00-	43.79	11.86
-----									
40 Benzoic Acid CAS #: 65-85-0									
5.220	5.267	( 0.955)	122	12215	10.0000	12.4	80.00-	120.00	100.00
5.220	5.267	( 0.955)	105	16134			114.27-	174.27	132.08
5.220	5.267	( 0.955)	77	14257			94.81-	154.81	116.72
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
41 2,4-Dichlorophenol					CAS #: 120-83-2				
5.338	5.342	( 0.977)	162	25733	10.0000	9.0	80.00-	120.00	100.00
5.338	5.342	( 0.977)	164	17393			34.34-	94.34	67.59
5.338	5.342	( 0.977)	98	10758			8.30-	68.30	41.81
-----									
42 1,2,4-Trichlorobenzene					CAS #: 120-82-1				
5.424	5.427	( 0.993)	180	31241	10.0000	9.8	80.00-	120.00	100.00
5.423	5.427	( 0.993)	182	30209			69.17-	129.17	96.70
5.423	5.427	( 0.993)	145	8752			0.41-	60.41	28.01
-----									
* 43 Naphthalene-d8					CAS #: 1146-65-2				
5.463	5.463	( 1.000)	136	320739	40.0000		80.00-	120.00	100.00
5.463	5.463	( 1.000)	68	24367			0.00-	37.51	7.60
-----									
44 Naphthalene					CAS #: 91-20-3				
5.486	5.486	( 1.004)	128	83474	10.0000	9.8	80.00-	120.00	100.00(M)
5.482	5.485	( 1.003)	129	8578			0.00-	40.78	10.28
5.482	5.486	( 1.003)	127	10629			0.00-	42.17	12.73
-----									
45 4-Chloroaniline					CAS #: 106-47-8				
5.549	5.552	( 1.016)	127	34114	10.0000	9.6	80.00-	120.00	100.00
5.549	5.552	( 1.016)	129	10666			2.29-	62.29	31.27
5.549	5.551	( 1.016)	65	13046			8.57-	68.57	38.24
-----									
48 Hexachlorobutadiene					CAS #: 87-68-3				
5.653	5.654	( 1.035)	225	22001	10.0000	9.7	80.00-	120.00	100.00
5.653	5.654	( 1.035)	223	13895			31.81-	91.81	63.16
5.653	5.654	( 1.035)	227	14446			34.78-	94.78	65.66
-----									
51 4-Chloro-3-methylphenol					CAS #: 59-50-7				
6.005	6.009	( 1.099)	107	28858	10.0000	9.5	80.00-	120.00	100.00
6.005	6.009	( 1.099)	144	6466			0.00-	53.54	22.41
6.005	6.009	( 1.099)	142	20253			43.91-	103.91	70.18
-----									
53 2-Methylnaphthalene					CAS #: 91-57-6				
6.138	6.141	( 1.124)	142	55893	10.0000	9.6	80.00-	120.00	100.00
6.138	6.141	( 1.124)	141	47826			55.50-	115.50	85.57
-----									
54 1-Methylnaphthalene					CAS #: 90-12-0				
6.244	6.247	( 1.143)	142	50959	10.0000	9.6	80.00-	120.00	100.00
6.244	6.247	( 1.143)	141	45664			58.78-	118.78	89.61
-----									
55 Hexachlorocyclopentadiene					CAS #: 77-47-4				
6.360	6.360	( 0.887)	237	14446	10.0000	12.7	80.00-	120.00	100.00
6.360	6.360	( 0.887)	235	8904			33.42-	93.42	61.64
6.359	6.360	( 0.887)	272	1569			0.00-	41.88	10.86
-----									
57 2,4,6-Trichlorophenol					CAS #: 88-06-2				
6.435	6.438	( 0.898)	196	21333	10.0000	9.9	80.00-	120.00	100.00
6.435	6.438	( 0.898)	198	19085			67.54-	127.54	89.46
6.435	6.438	( 0.898)	200	6387			1.18-	61.18	29.94
-----									
58 2,4,5-Trichlorophenol					CAS #: 95-95-4				
6.471	6.472	( 0.903)	196	22143	10.0000	9.4	80.00-	120.00	100.00

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
58 2,4,5-Trichlorophenol (continued)									
6.471	6.472	( 0.903)	198	20716			64.33-	124.33	93.56
6.470	6.472	( 0.903)	97	12918			27.55-	87.55	58.34
-----									
\$ 59 2-Fluorobiphenyl (SURR) CAS #: 321-60-8									
6.511	6.514	( 0.908)	172	70914	10.0000	9.7	80.00-	120.00	100.00
6.511	6.514	( 0.908)	171	23888			4.90-	64.90	33.69
-----									
62 2-Chloronaphthalene CAS #: 91-58-7									
6.607	6.610	( 0.922)	162	58143	10.0000	9.6	80.00-	120.00	100.00
6.607	6.610	( 0.922)	164	18356			1.75-	61.75	31.57
6.607	6.610	( 0.922)	127	22974			8.71-	68.71	39.51
-----									
63 2-Nitroaniline CAS #: 88-74-4									
6.735	6.741	( 0.940)	65	20059	10.0000	9.3	80.00-	120.00	100.00
6.735	6.741	( 0.940)	92	12341			35.13-	95.13	61.52
6.735	6.741	( 0.940)	138	17514			59.53-	119.53	87.31
-----									
65 Dimethylphthalate CAS #: 131-11-3									
6.944	6.950	( 0.969)	163	70532	10.0000	9.9	80.00-	120.00	100.00
6.944	6.950	( 0.969)	194	4421			0.00-	35.76	6.27
6.943	6.949	( 0.969)	164	6780			0.00-	39.66	9.61
-----									
68 Acenaphthylene CAS #: 208-96-8									
7.017	7.020	( 0.979)	152	88439	10.0000	9.3	80.00-	120.00	100.00
7.017	7.020	( 0.979)	151	17599			0.00-	50.20	19.90
7.017	7.020	( 0.979)	153	11766			0.00-	43.02	13.30
-----									
67 2,6-Dinitrotoluene CAS #: 606-20-2									
7.009	7.015	( 0.978)	165	15139	10.0000	9.0	80.00-	120.00	100.00
7.009	7.015	( 0.978)	89	10747			39.45-	99.45	70.99
7.011	7.016	( 0.978)	63	16834			74.66-	134.66	111.20
-----									
69 3-Nitroaniline CAS #: 99-09-2									
7.139	7.146	( 0.996)	138	15457	10.0000	10	80.00-	120.00	100.00
7.139	7.146	( 0.996)	108	1692			0.00-	42.35	10.95
7.139	7.145	( 0.996)	92	21392			104.62-	164.62	138.40
-----									
* 70 Acenaphthene-d10 CAS #: 15067-26-2									
7.168	7.167	( 1.000)	164	201356	40.0000		80.00-	120.00	100.00
7.168	7.168	( 1.000)	162	193676			66.12-	126.12	96.19
7.168	7.167	( 1.000)	160	87158			13.21-	73.21	43.29
-----									
71 Acenaphthene CAS #: 83-32-9									
7.197	7.201	( 1.004)	154	52508	10.0000	9.6	80.00-	120.00	100.00
7.197	7.200	( 1.004)	153	56724			77.18-	137.18	108.03
7.197	7.200	( 1.004)	152	26362			21.21-	81.21	50.21
-----									
72 2,4-Dinitrophenol CAS #: 51-28-5									
7.238	7.243	( 1.010)	184	5379	10.0000	14.0	80.00-	120.00	100.00
7.237	7.242	( 1.010)	63	3724			48.18-	108.18	69.23
7.237	7.242	( 1.010)	154	3376			33.05-	93.05	62.76
-----									

AMOUNTS								
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====
74 4-Nitrophenol						CAS #: 100-02-7		
7.297	7.303	( 1.018)	109	12145	10.0000	9.0	80.00- 120.00	100.00
7.297	7.303	( 1.018)	139	11795			61.80- 121.80	97.12
7.296	7.303	( 1.018)	65	13857			80.41- 140.41	114.10
-----								
75 Dibenzofuran						CAS #: 132-64-9		
7.350	7.355	( 1.025)	168	79481	10.0000	9.5	80.00- 120.00	100.00
7.350	7.355	( 1.025)	139	33317			10.69- 70.69	41.92
-----								
76 2,4-Dinitrotoluene						CAS #: 121-14-2		
7.387	7.392	( 1.031)	165	19910	10.0000	9.5	80.00- 120.00	100.00
7.386	7.392	( 1.030)	63	10503			23.55- 83.55	52.75
7.386	7.392	( 1.030)	89	16819			51.82- 111.82	84.48
-----								
80 Diethylphthalate						CAS #: 84-66-2		
7.633	7.640	( 1.065)	149	68141	10.0000	9.8	80.00- 120.00	100.00
7.633	7.640	( 1.065)	177	14042			0.00- 51.79	20.61
7.632	7.640	( 1.065)	150	8047			0.00- 42.28	11.81
-----								
81 Fluorene						CAS #: 86-73-7		
7.687	7.690	( 1.072)	166	68286	10.0000	9.2	80.00- 120.00	100.00
7.687	7.690	( 1.072)	165	63690			61.04- 121.04	93.27
7.687	7.690	( 1.072)	167	9389			0.00- 43.06	13.75
-----								
82 4-Chlorophenyl-phenylether						CAS #: 7005-72-3		
7.688	7.690	( 1.073)	204	35427	10.0000	9.0	80.00- 120.00	100.00
7.688	7.690	( 1.073)	206	12114			2.85- 62.85	34.19
7.688	7.690	( 1.073)	141	22186			29.43- 89.43	62.62
-----								
84 4-Nitroaniline						CAS #: 100-01-6		
7.736	7.750	( 1.079)	138	13128	10.0000	9.4	80.00- 120.00	100.00
7.736	7.749	( 1.079)	92	7820			30.30- 90.30	59.57
7.737	7.749	( 1.079)	108	15426			85.44- 145.44	117.50
-----								
85 4,6-Dinitro-2-methylphenol						CAS #: 534-52-1		
7.781	7.790	( 0.900)	198	10875	10.0000	7.7	80.00- 120.00	100.00
7.780	7.789	( 0.900)	51	4616			21.07- 81.07	42.45
7.780	7.789	( 0.900)	105	4497			14.43- 74.43	41.35
-----								
86 N-Nitrosodiphenylamine						CAS #: 86-30-6		
7.808	7.814	( 0.903)	169	44986	10.0000	9.7	80.00- 120.00	100.00
7.808	7.815	( 0.903)	168	30552			41.33- 101.33	67.91
7.808	7.815	( 0.903)	167	15872			5.93- 65.93	35.28
-----								
87 1,2-Diphenylhydrazine						CAS #: 122-66-7		
7.840	7.845	( 1.094)	77	78902	10.0000	9.8	80.00- 120.00	100.00
7.840	7.845	( 1.094)	105	10604			0.00- 44.08	13.44
7.840	7.845	( 1.094)	182	18297			0.00- 53.69	23.19
-----								
88 2,4,6-Tribromophenol (SURR)						CAS #: 118-79-6		
7.940	7.946	( 1.108)	330	22668	20.0000	17.4	80.00- 120.00	100.00
7.941	7.946	( 1.108)	332	22822			65.21- 125.21	100.68
7.940	7.945	( 1.108)	141	10224			10.78- 70.78	45.10
-----								

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
93 4-Bromophenylphenylether						CAS #: 101-55-3			
8.161	8.163	( 0.944)	248	20845	10.0000	9.2	80.00-	120.00	100.00
8.161	8.163	( 0.944)	250	21055			66.63-	126.63	101.01
8.161	8.162	( 0.944)	141	18271			49.24-	109.24	87.65
-----									
94 Hexachlorobenzene						CAS #: 118-74-1			
8.305	8.307	( 0.960)	284	22349	10.0000	8.7	80.00-	120.00	100.00
8.303	8.307	( 0.960)	142	9568			10.52-	70.52	42.81
8.305	8.307	( 0.961)	249	7773			1.60-	61.60	34.78
-----									
96 Pentachlorophenol						CAS #: 87-86-5			
8.477	8.480	( 0.980)	266	10771	10.0000	12.7	80.00-	120.00	100.00
8.477	8.481	( 0.980)	264	6976			33.54-	93.54	64.77
8.477	8.481	( 0.980)	268	6547			34.39-	94.39	60.78
-----									
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.601	8.604	( 1.000)	188	355200	40.0000		80.00-	120.00	100.00(H)
8.600	8.604	( 1.000)	94	37706			0.00-	40.39	10.62
8.600	8.603	( 1.000)	80	42238			0.00-	41.55	11.89
-----									
101 Phenanthrene						CAS #: 85-01-8			
8.621	8.626	( 0.997)	178	95841	10.0000	9.8	80.00-	120.00	100.00(H)
8.621	8.626	( 0.997)	179	14649			0.00-	45.20	15.28
8.621	8.626	( 0.997)	176	17073			0.00-	48.69	17.81
-----									
103 Anthracene						CAS #: 120-12-7			
8.664	8.670	( 1.002)	178	83676	10.0000	9.5	80.00-	120.00	100.00
8.664	8.670	( 1.002)	179	12387			0.00-	45.53	14.80
8.664	8.670	( 1.002)	176	15233			0.00-	49.11	18.20
-----									
104 Carbazole						CAS #: 86-74-8			
8.825	8.830	( 1.021)	167	84161	10.0000	9.6	80.00-	120.00	100.00
8.825	8.830	( 1.021)	139	11512			0.00-	43.72	13.68
8.824	8.830	( 1.021)	83	7944			0.00-	39.70	9.44
-----									
105 Di-n-butylphthalate						CAS #: 84-74-2			
9.224	9.227	( 1.067)	149	109769	10.0000	9.1	80.00-	120.00	100.00
9.224	9.227	( 1.067)	150	9915			0.00-	39.16	9.03
9.224	9.227	( 1.067)	104	7142			0.00-	36.36	6.51
-----									
109 Fluoranthene						CAS #: 206-44-0			
9.793	9.797	( 1.133)	202	101432	10.0000	9.2	80.00-	120.00	100.00
9.792	9.796	( 1.133)	101	11562			0.00-	41.60	11.40
9.793	9.797	( 1.133)	203	17957			0.00-	47.37	17.70
-----									
111 Pyrene						CAS #: 129-00-0			
10.012	10.016	( 0.893)	202	102322	10.0000	9.5	80.00-	120.00	100.00
10.013	10.016	( 0.893)	200	21569			0.00-	50.33	21.08
10.012	10.016	( 0.893)	203	17881			0.00-	47.92	17.48
-----									
\$ 112 Terphenyl-d14 (SURR)						CAS #: 1718-51-0			
10.175	10.179	( 0.908)	244	76829	10.0000	9.1	80.00-	120.00	100.00
10.175	10.178	( 0.908)	122	7999			0.00-	40.67	10.41



AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 112 Terphenyl-d14 (SURR) (continued)									
10.175	10.179	( 0.908)	212	6336			0.00-	37.92	8.25
-----									
118 Butylbenzylphthalate					CAS #: 85-68-7				
10.690	10.690	( 0.954)	149	46969	10.0000	8.8	80.00-	120.00	100.00
10.690	10.691	( 0.954)	91	35981			45.72-	105.72	76.61
10.690	10.692	( 0.954)	206	10008			0.00-	51.71	21.31
-----									
120 Benzo[a]anthracene					CAS #: 56-55-3				
11.190	11.194	( 0.998)	228	98869	10.0000	9.2	80.00-	120.00	100.00
11.191	11.194	( 0.998)	229	19360			0.00-	49.13	19.58
11.191	11.194	( 0.998)	226	26546			0.00-	57.06	26.85
-----									
* 121 Chrysene-d12					CAS #: 1719-03-5				
11.209	11.211	( 1.000)	240	401799	40.0000		80.00-	120.00	100.00
11.209	11.210	( 1.000)	120	40390			0.00-	40.02	10.05
11.209	11.210	( 1.000)	236	95850			0.00-	54.50	23.86
-----									
123 Chrysene					CAS #: 218-01-9				
11.233	11.238	( 1.002)	228	99569	10.0000	9.4	80.00-	120.00	100.00
11.232	11.238	( 1.002)	226	28020			0.00-	59.08	28.14
11.232	11.238	( 1.002)	229	19193			0.00-	49.34	19.28
-----									
124 Bis-2-Ethylhexylphthalate					CAS #: 117-81-7				
11.273	11.275	( 1.006)	149	64093	10.0000	8.7	80.00-	120.00	100.00
11.273	11.276	( 1.006)	167	17549			0.00-	59.84	27.38
11.274	11.276	( 1.006)	279	4549			0.00-	37.67	7.10
-----									
125 Di-n-octylphthalate					CAS #: 117-84-0				
11.840	11.842	( 0.945)	149	106849	10.0000	14.1	80.00-	120.00	100.00
11.840	11.843	( 0.945)	167	1080			0.00-	31.49	1.01
11.840	11.842	( 0.945)	43	9431			0.00-	38.92	8.83
-----									
127 Benzo[b]fluoranthene					CAS #: 205-99-2				
12.190	12.198	( 0.973)	252	128395	10.0000	12.6	80.00-	120.00	100.00(M)
12.190	12.198	( 0.973)	253	22140			0.00-	52.25	17.24
12.190	12.219	( 0.973)	125	8709			0.00-	48.56	6.78
-----									
128 Benzo[k]fluoranthene					CAS #: 207-08-9				
12.212	12.220	( 0.975)	252	133403	10.0000	12.0	80.00-	120.00	100.00(M)
12.214	12.220	( 0.975)	253	30152			0.00-	52.11	22.60
12.214	12.219	( 0.975)	125	11693			0.00-	46.79	8.77
-----									
129 Benzo[a]pyrene					CAS #: 50-32-8				
12.477	12.484	( 0.996)	252	90170	10.0000	9.2	80.00-	120.00	100.00(H)
12.476	12.484	( 0.996)	253	25244			0.00-	51.58	28.00
12.477	12.484	( 0.996)	125	8855			0.00-	39.66	9.82
-----									
* 130 Perylene-d12					CAS #: 1520-96-3				
12.530	12.532	( 1.000)	264	362977	40.0000		80.00-	120.00	100.00
12.531	12.533	( 1.000)	260	81985			0.00-	52.70	22.59
12.531	12.532	( 1.000)	265	77612			0.00-	52.11	21.38
-----									

AMOUNTS										
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO	
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
133 Indeno[1,2,3-cd]pyrene						CAS #: 193-39-5				
13.559	13.569	( 1.082)	276	101187	10.0000	9.2	80.00-	120.00	100.00	
13.559	13.570	( 1.082)	138	21862			0.00-	53.00	21.61	
13.559	13.570	( 1.082)	277	25685			0.00-	55.19	25.38	
-----										
134 Dibenz[a,h]anthracene						CAS #: 53-70-3				
13.566	13.574	( 1.083)	278	85878	10.0000	9.2	80.00-	120.00	100.00	
13.565	13.573	( 1.083)	139	12123			0.00-	45.33	14.12	
13.565	13.574	( 1.083)	279	19504			0.00-	53.44	22.71	
-----										
135 Benzo[g,h,i]perylene						CAS #: 191-24-2				
13.840	13.852	( 1.104)	276	84122	10.0000	9.9	80.00-	120.00	100.00	
13.840	13.852	( 1.105)	138	16155			0.00-	48.86	19.20	
13.839	13.852	( 1.104)	277	19006			0.00-	53.33	22.59	
-----										

QC Flag Legend

- a - Target compound detected but, quantitated amount  
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

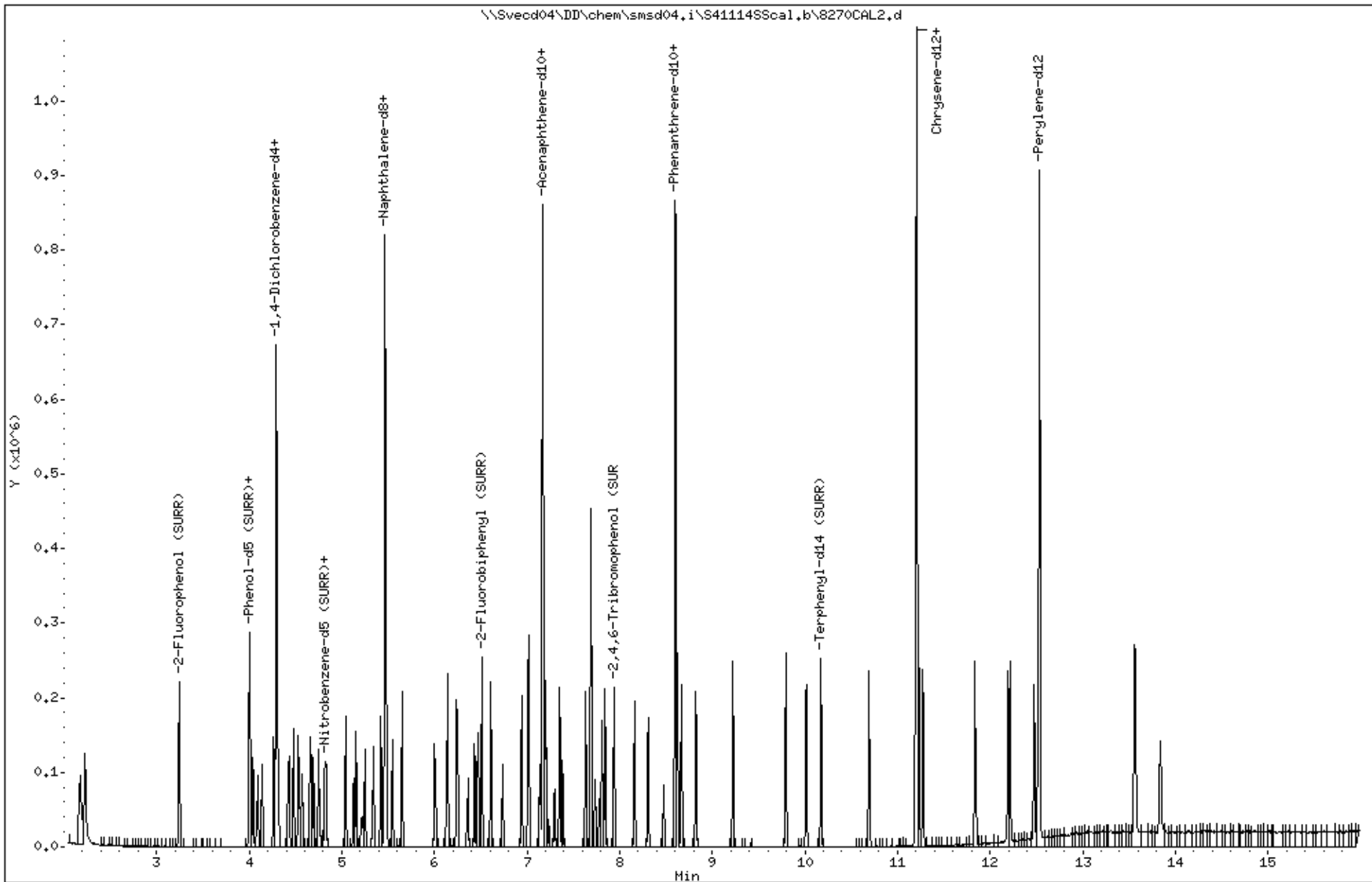
Sample Info: 47768

Instrument: smsd04.i

Operator: MJ

Column diameter: 0.25

Column phase: HPMS-5



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

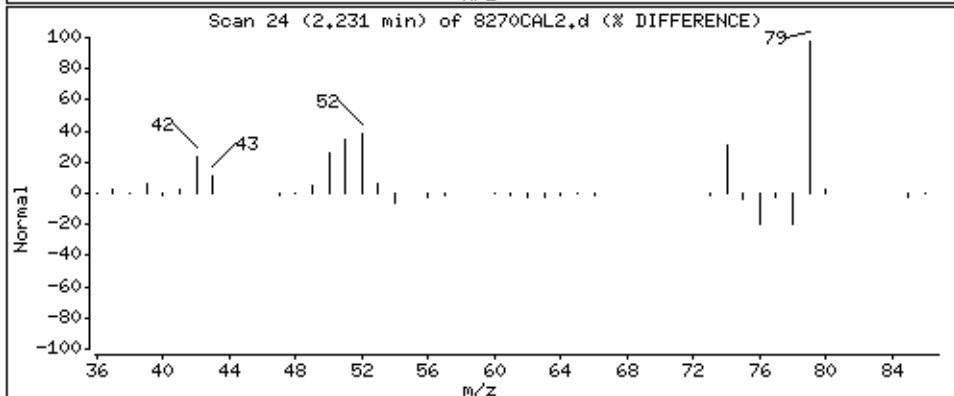
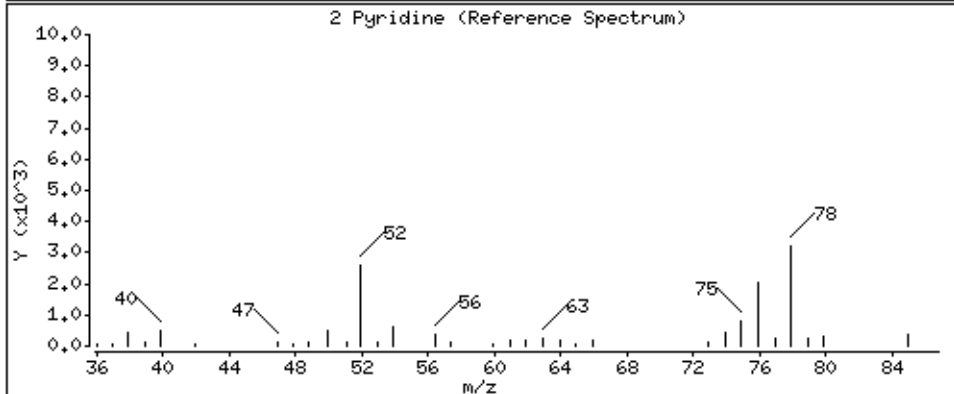
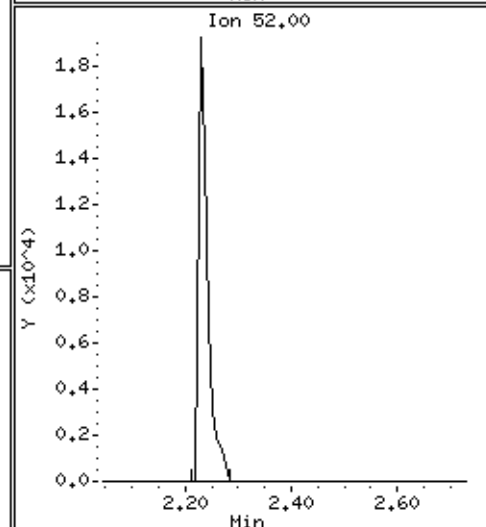
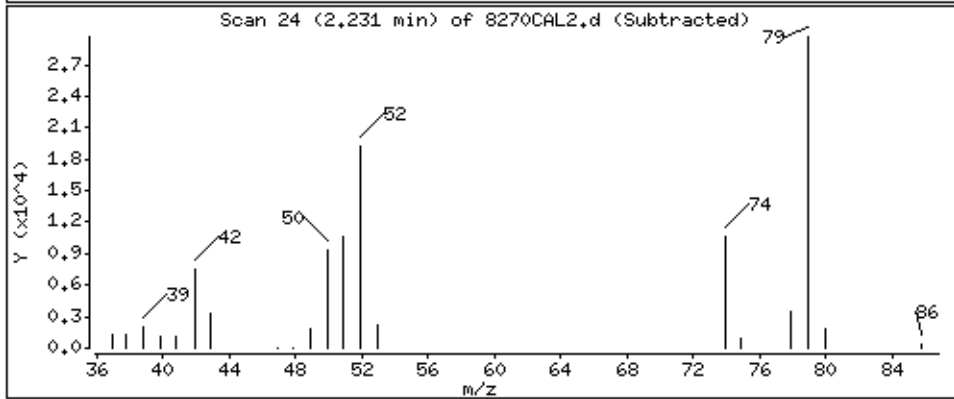
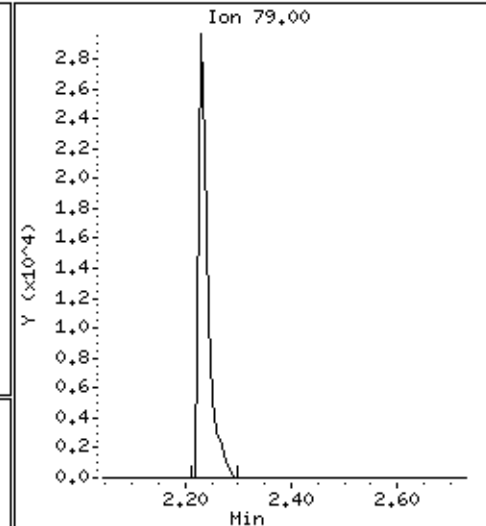
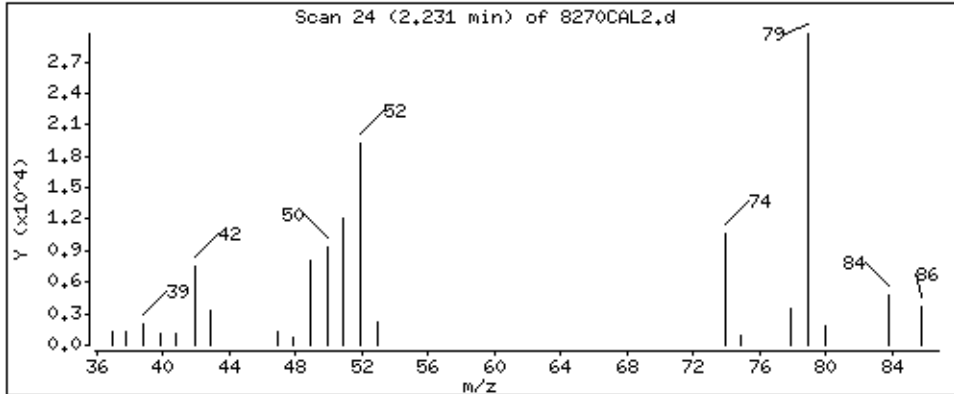
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

2 Pyridine

Concentration: 10,1 ug/kg



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 47768

Operator: MJ

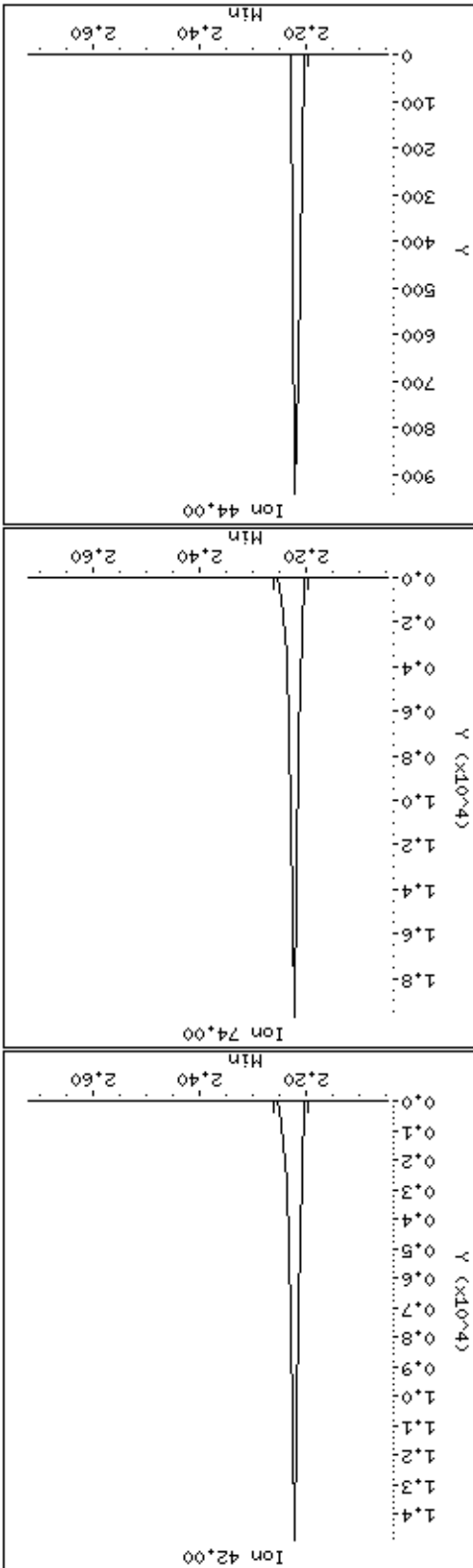
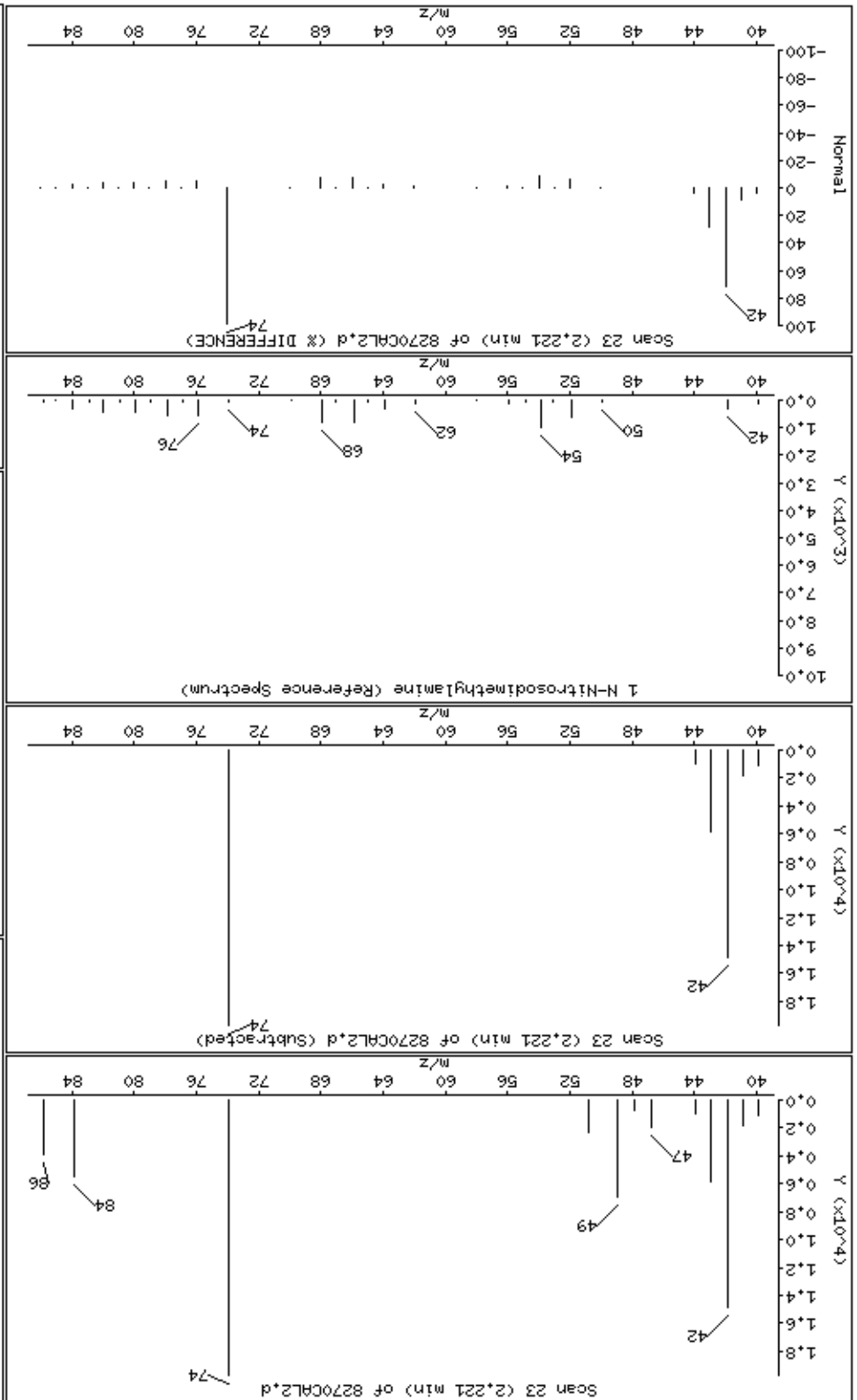
Column diameter: 0.25

Concentration: 10.0 ug/kg

Instrument: smsd04.1

1-N-Nitrosodimethylamine

Column phase: HPMS-5



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.1

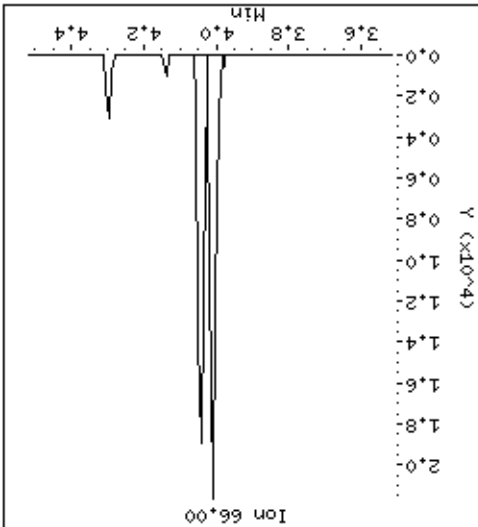
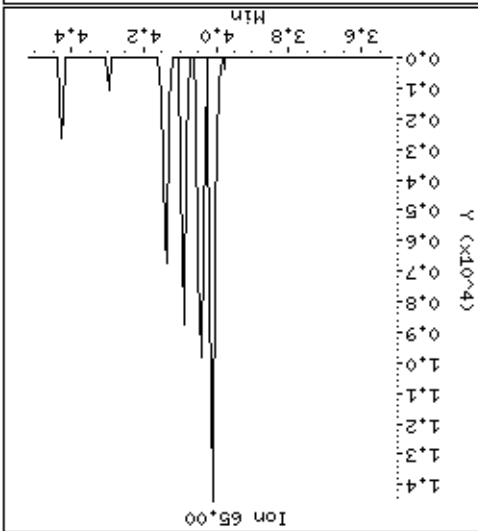
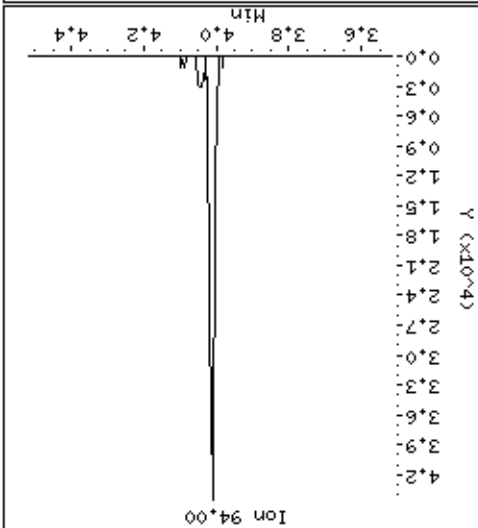
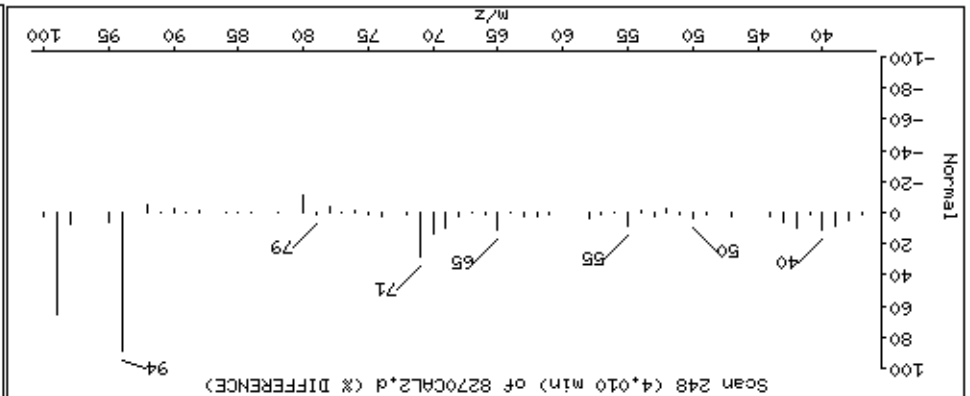
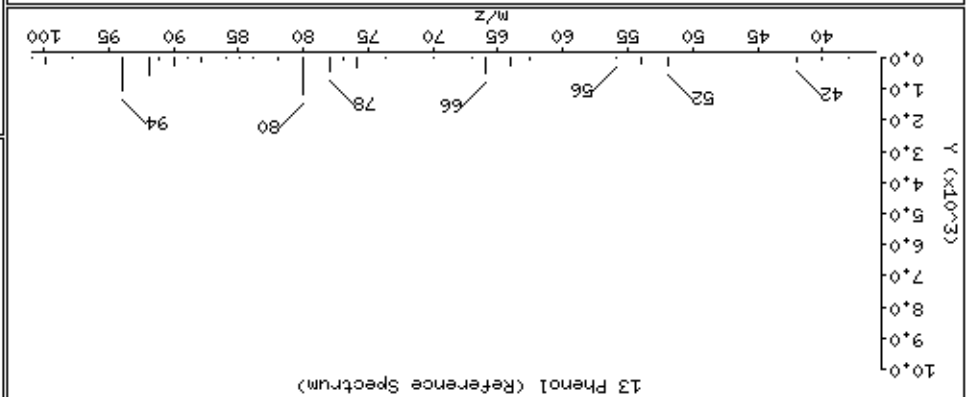
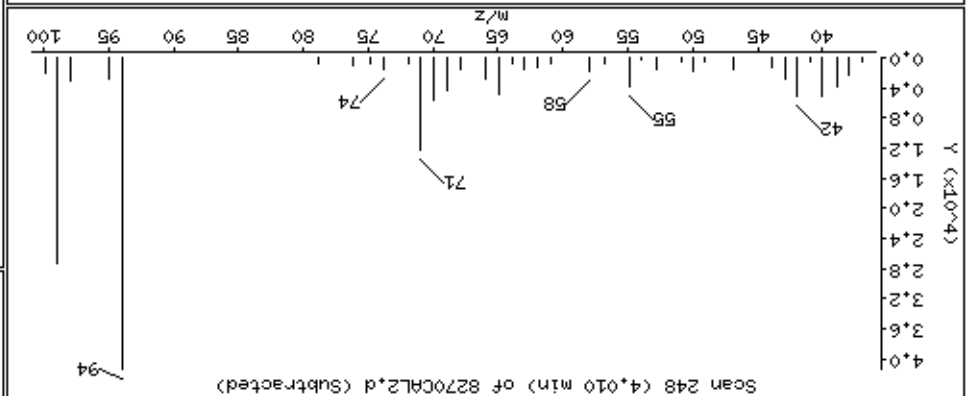
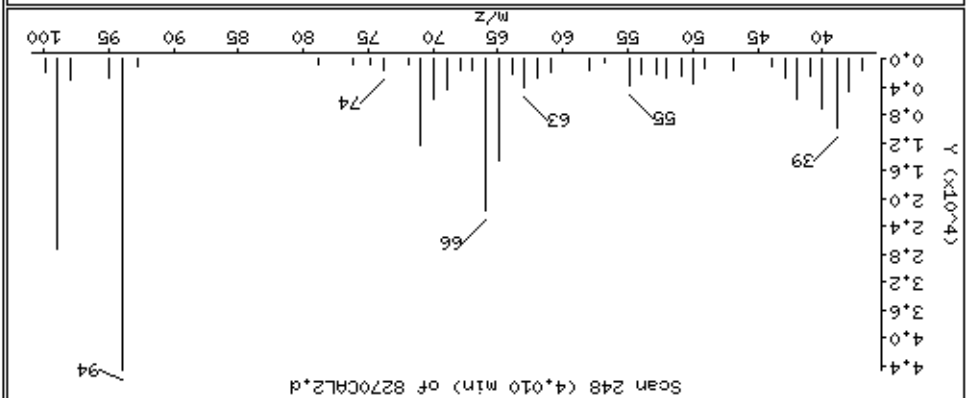
Sample Info: 4768

Operator: MJ

Column diameter: 0.25

13 Phenol

Concentration: 9.0 ug/kg



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

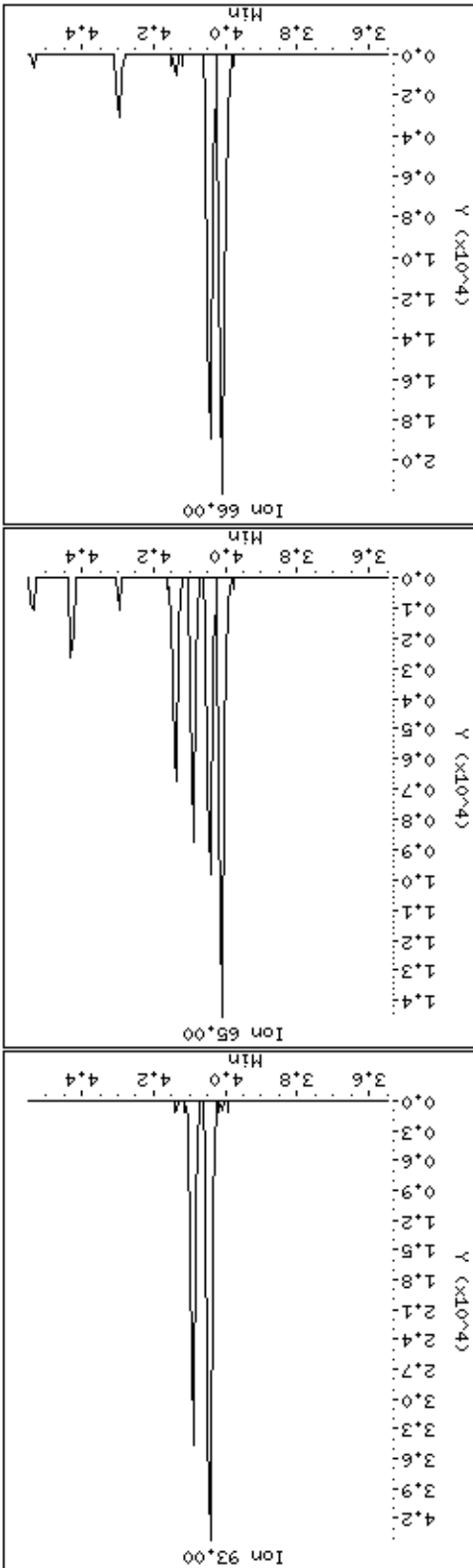
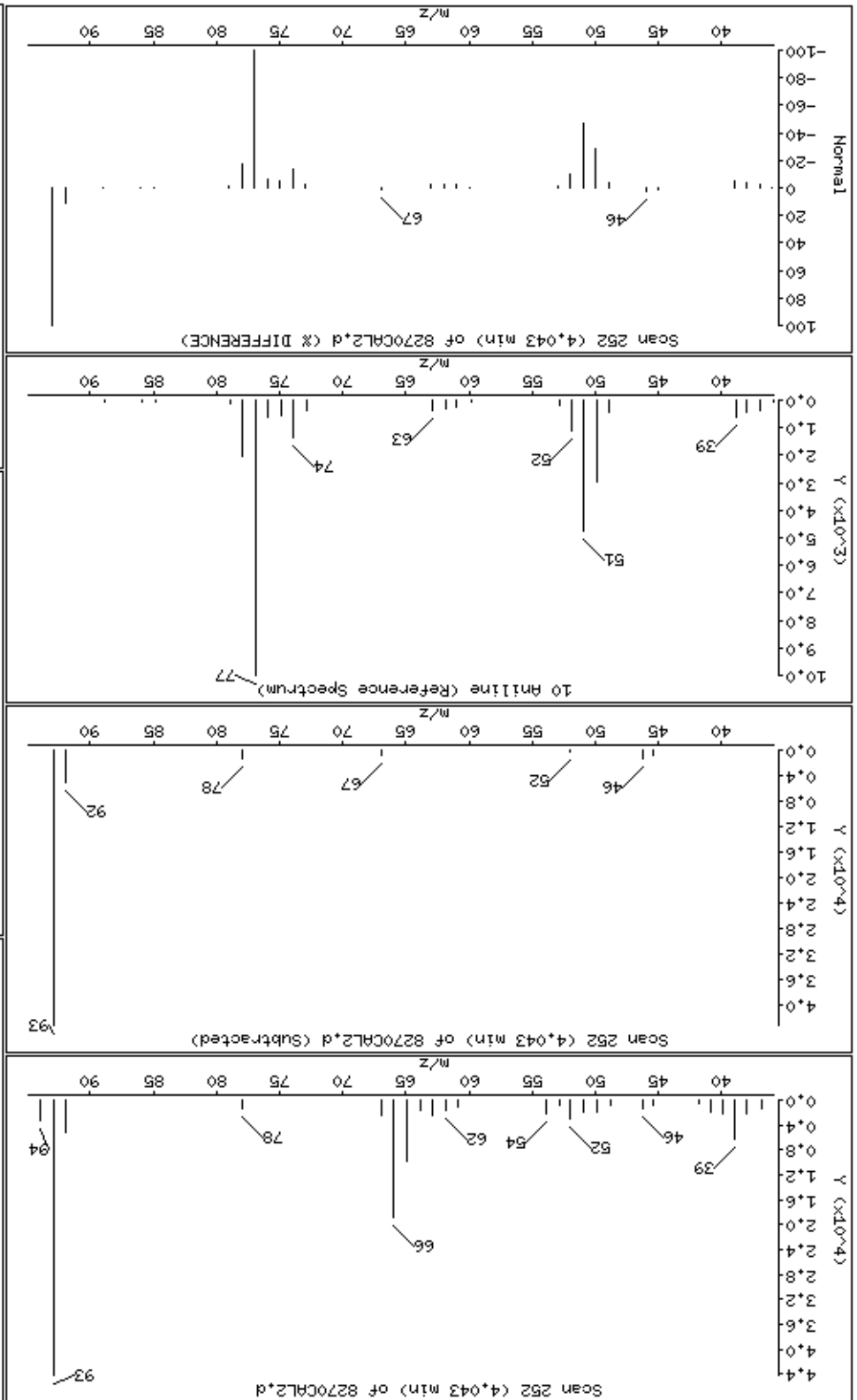
Operator: MJ

Column diameter: 0.25

Concentration: 10.2 ug/kg

Instrument: smsd04.1

10 Aniline



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

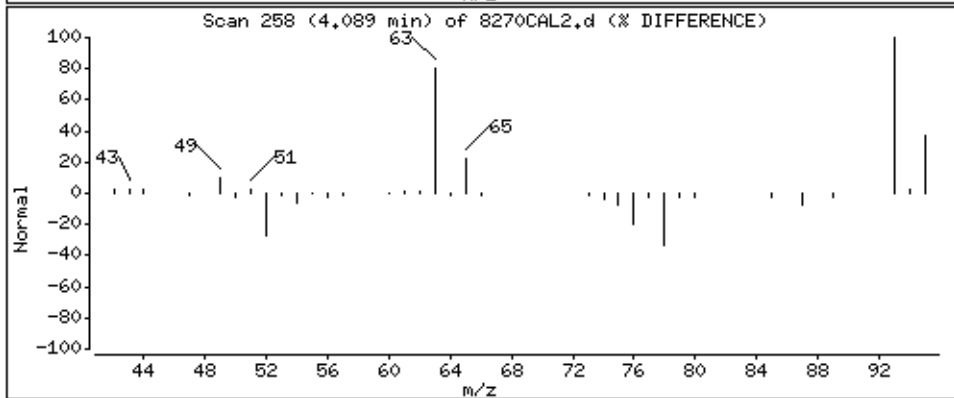
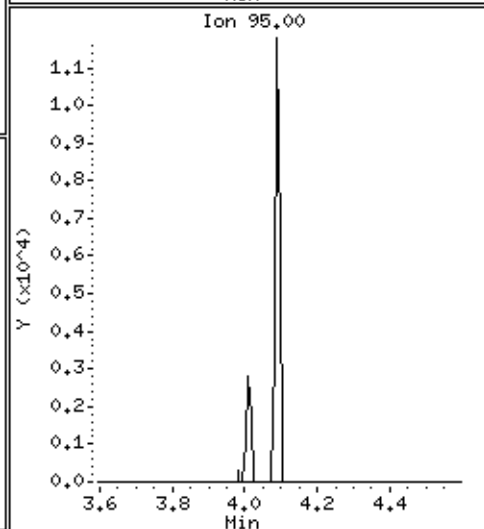
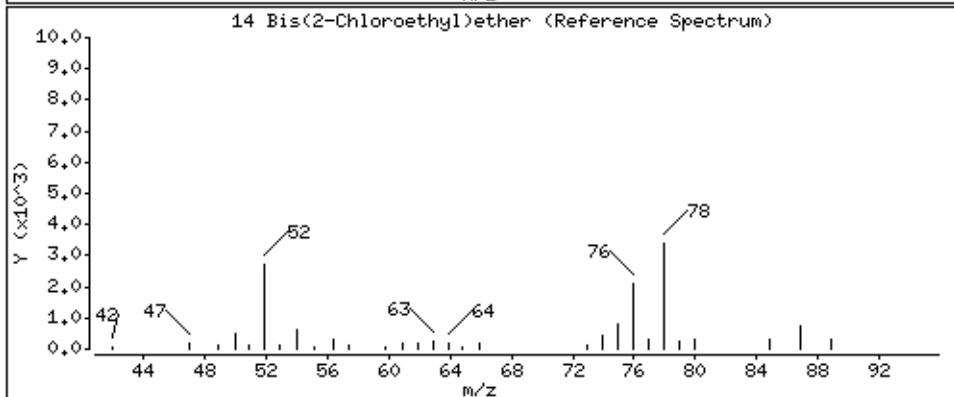
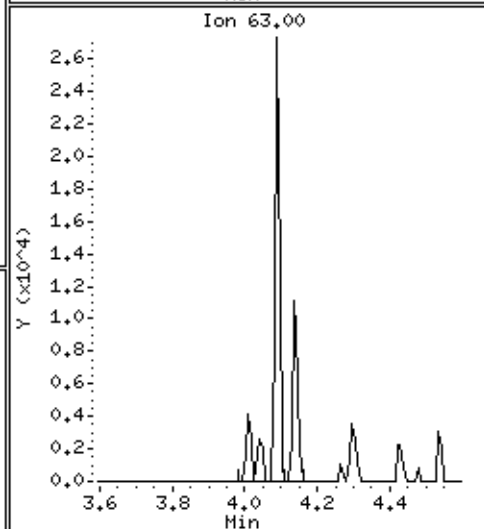
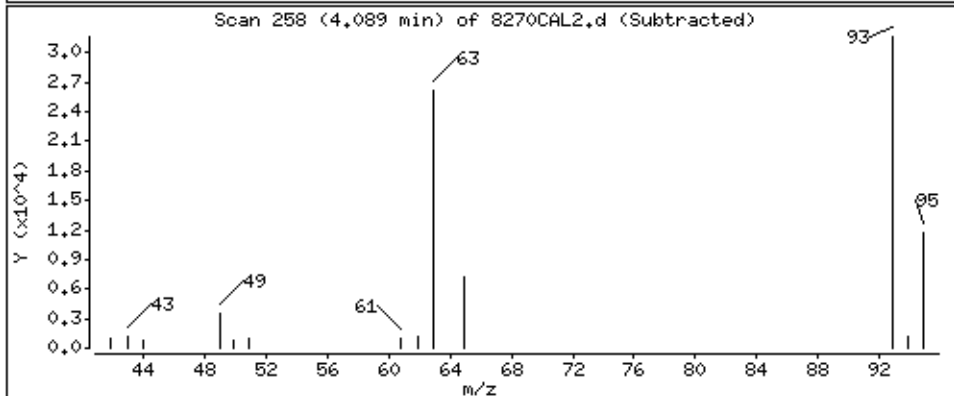
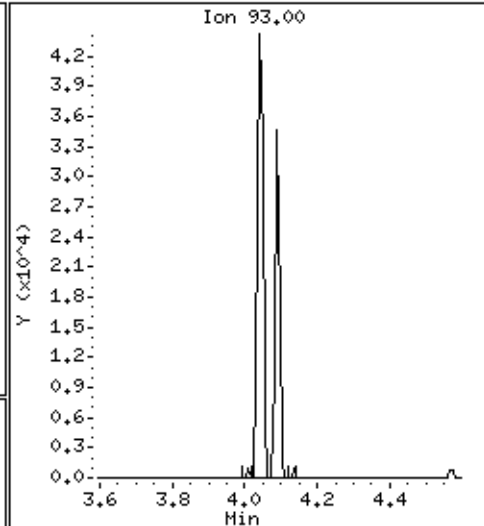
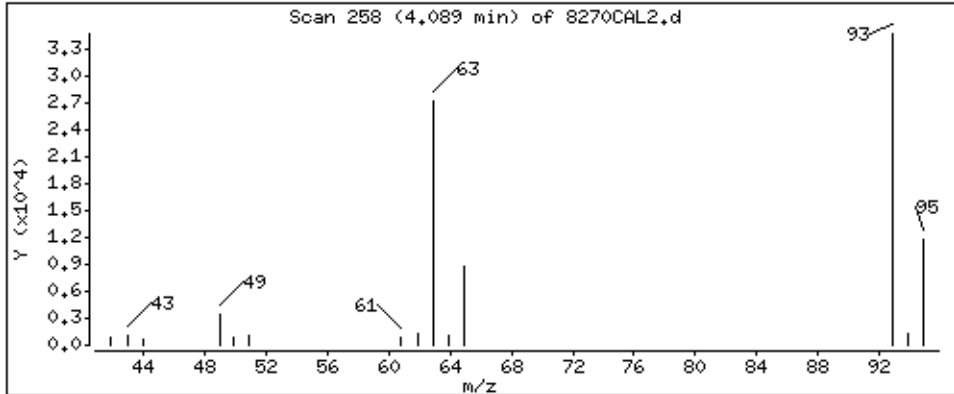
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

14 Bis(2-Chloroethyl)ether

Concentration: 9,7 ug/kg





Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

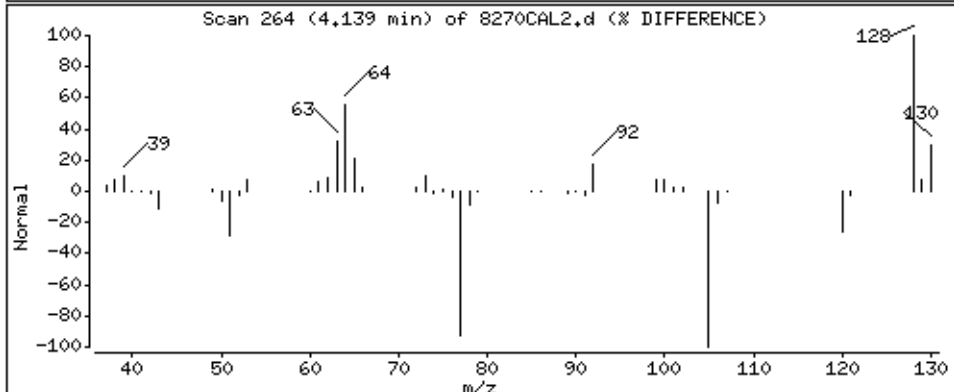
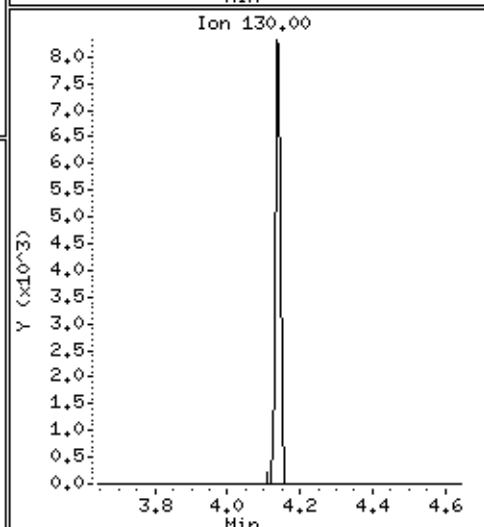
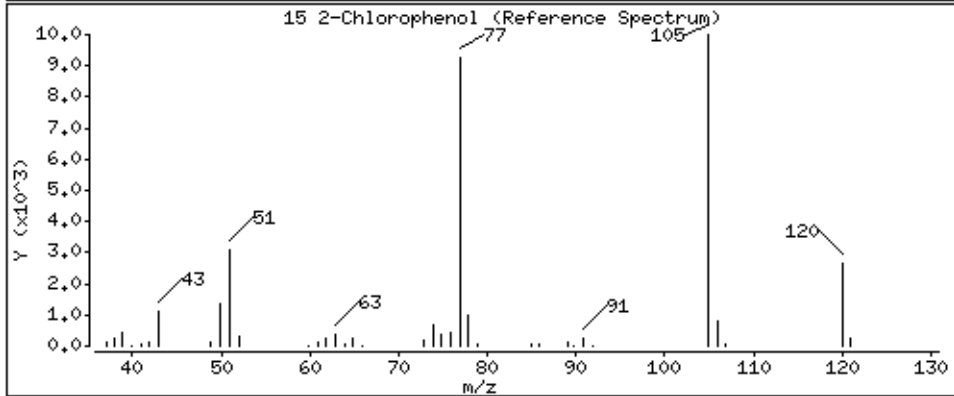
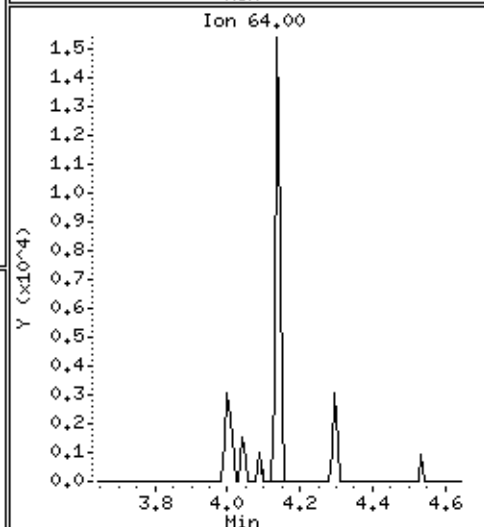
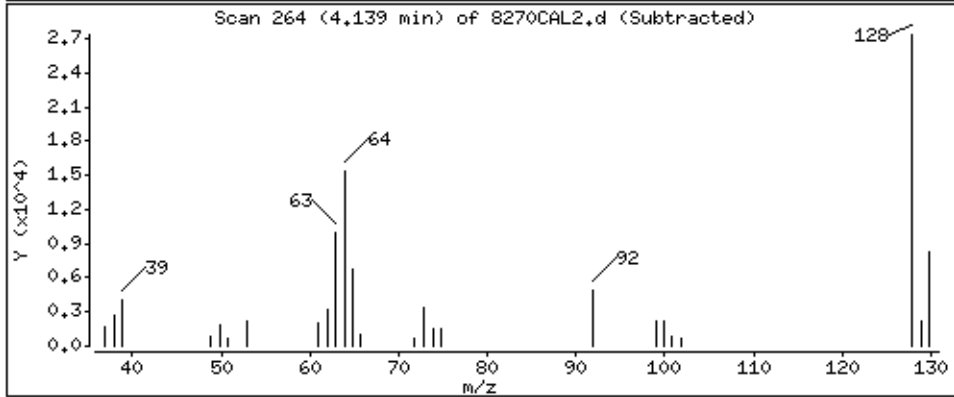
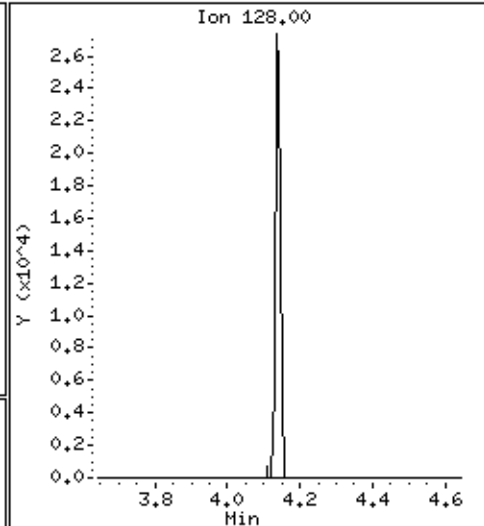
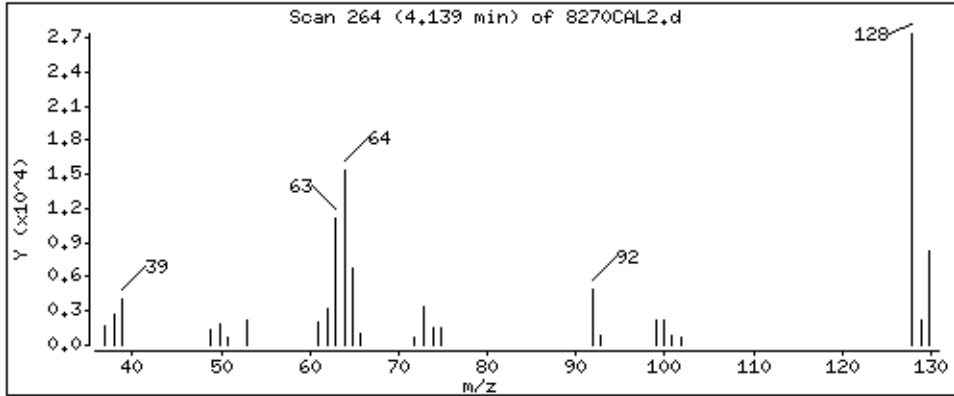
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

15 2-Chlorophenol

Concentration: 10,1 ug/kg



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

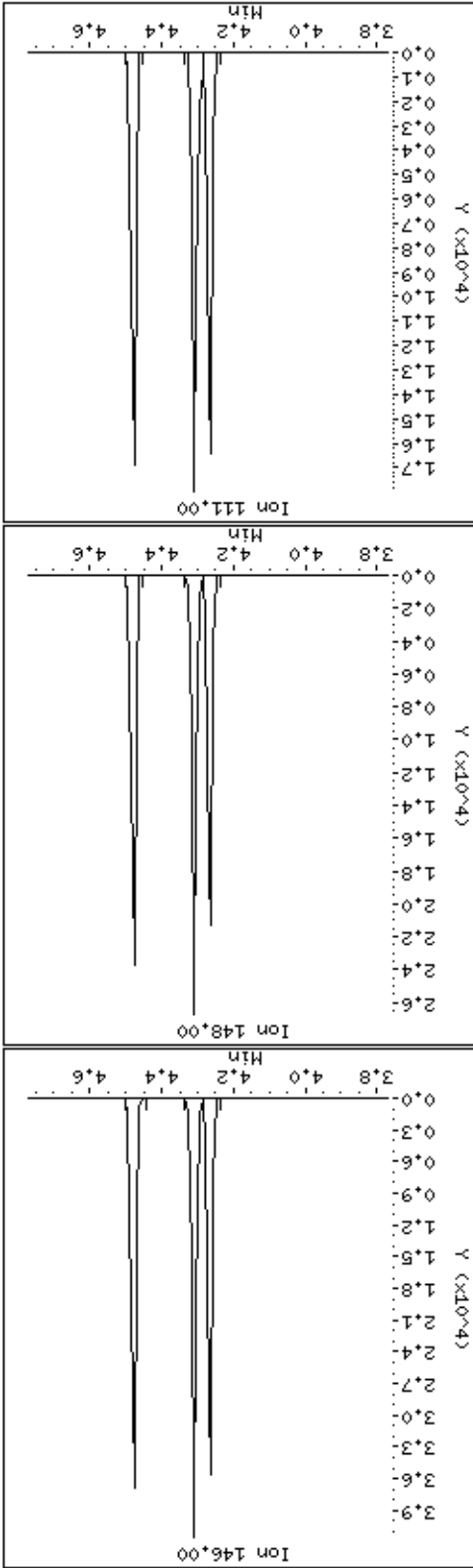
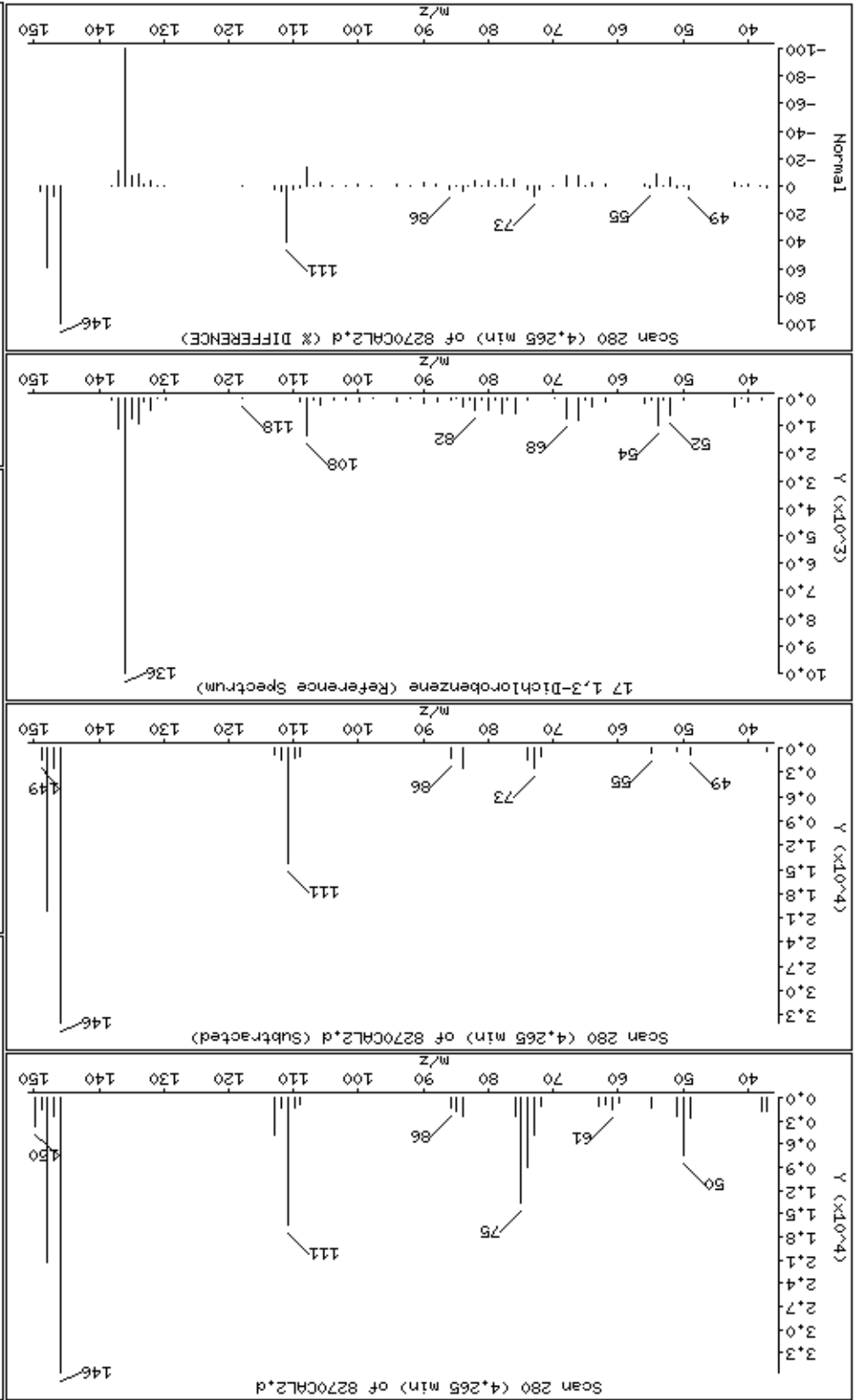
Sample Info: 4768

Operator: MJ

Column diameter: 0.25

Concentration: 10.2 ug/kg

Instrument: smsd04.1



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

Operator: MJ

Column diameter: 0.25

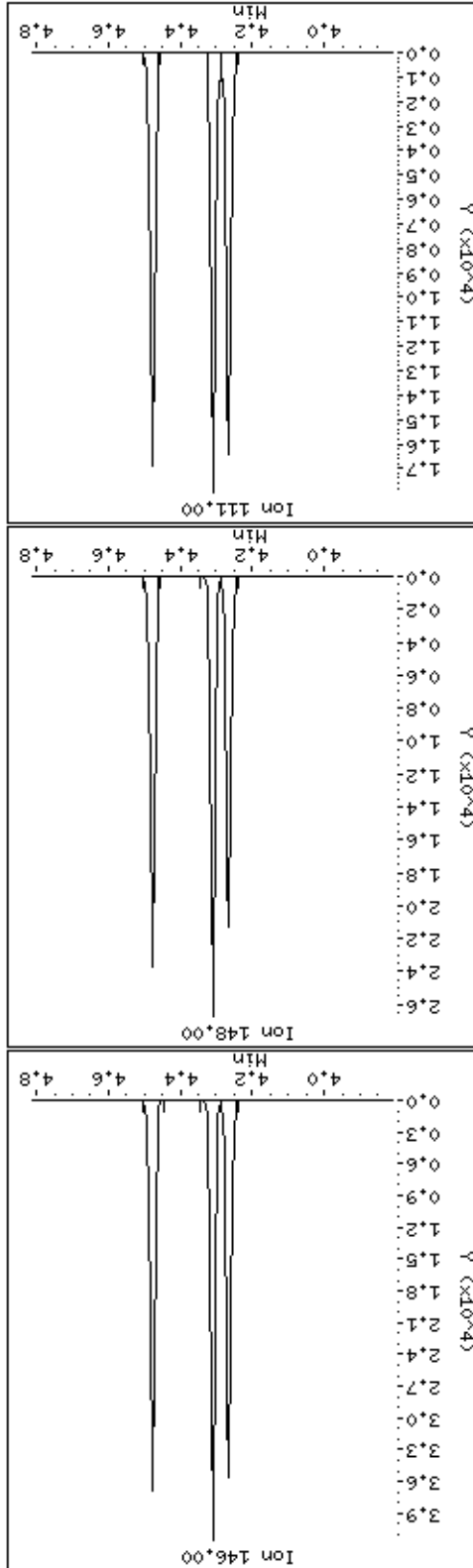
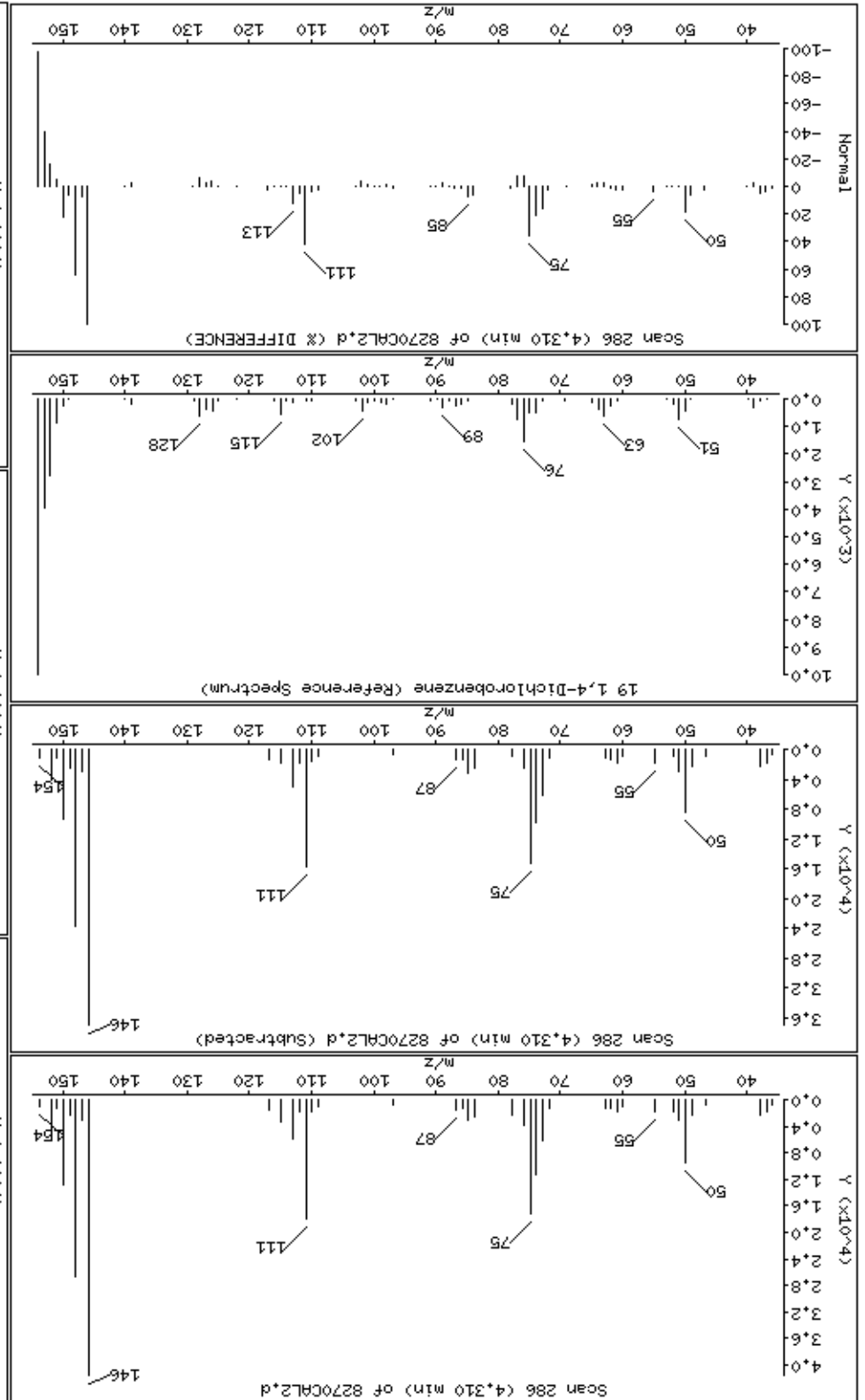
Concentration: 10.1 ug/kg

Instrument: smsd04.1

Data File: \\Svevod04\DD\chem\smsd04\15411145cal\B\8270CAL2.d

19 1,4-Dichlorobenzene

Column phase: HPMS-5



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

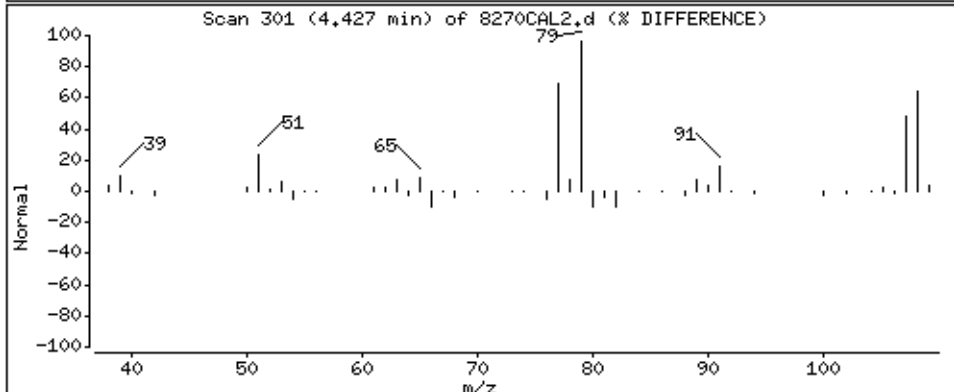
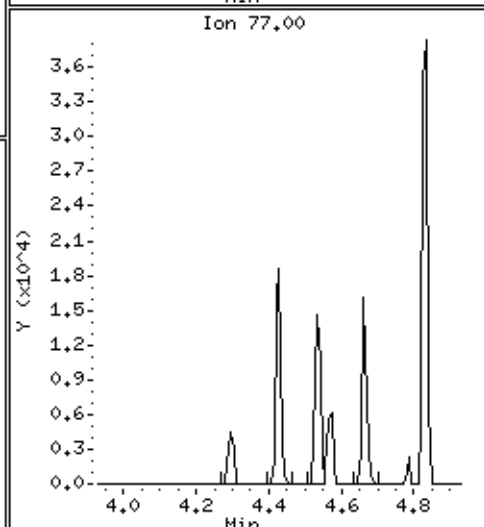
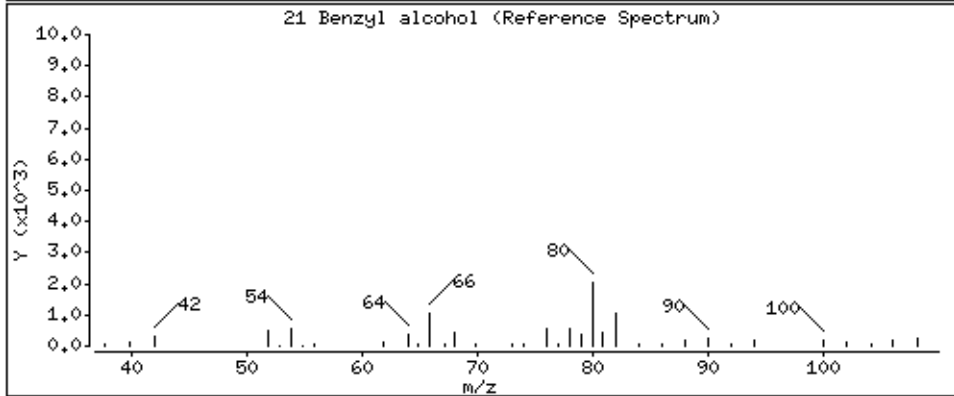
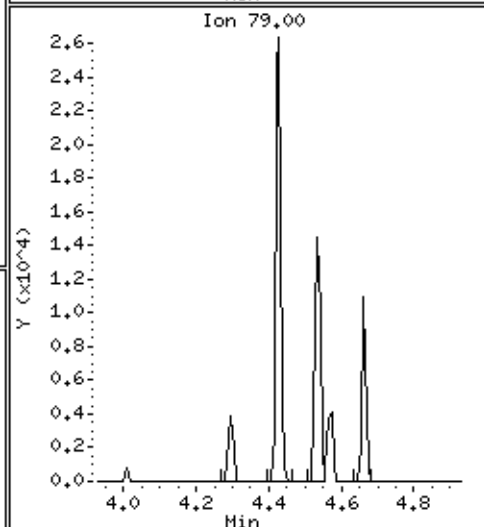
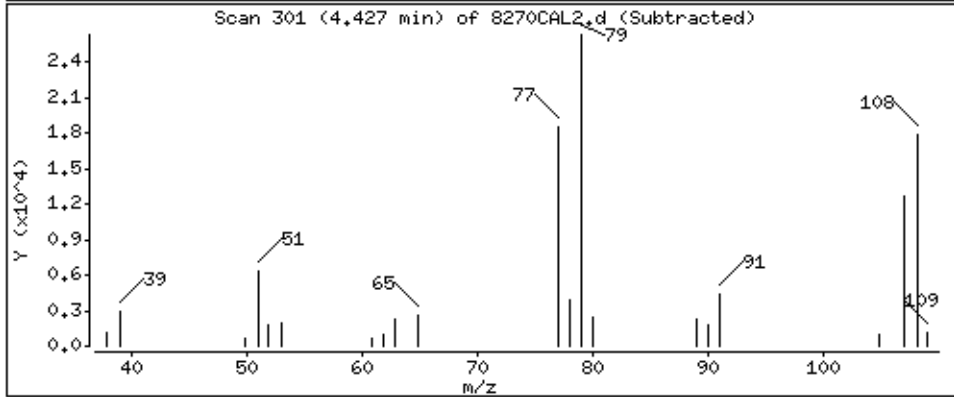
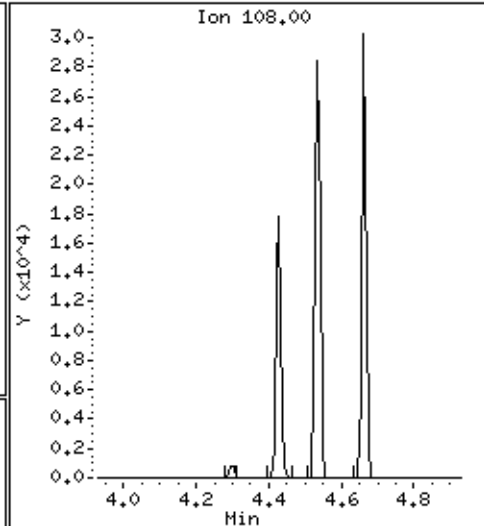
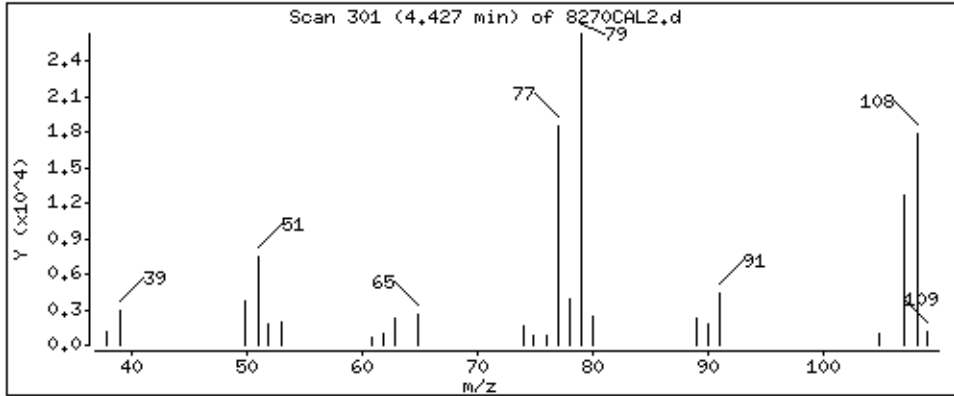
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

21 Benzyl alcohol

Concentration: 9,2 ug/kg



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

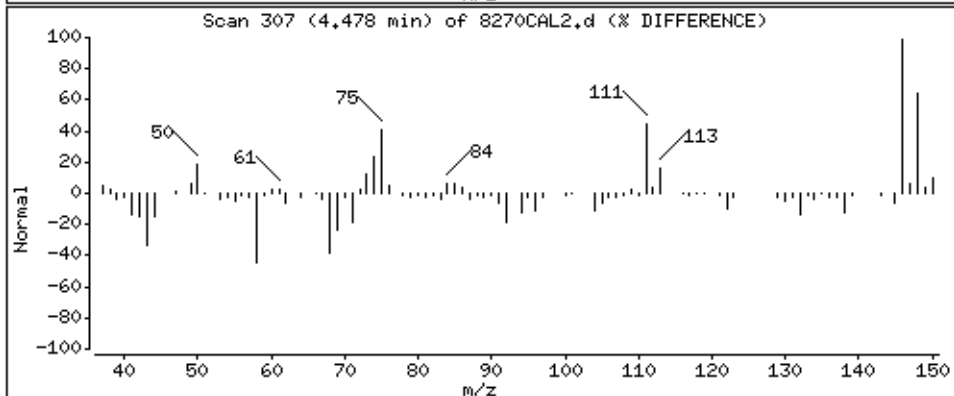
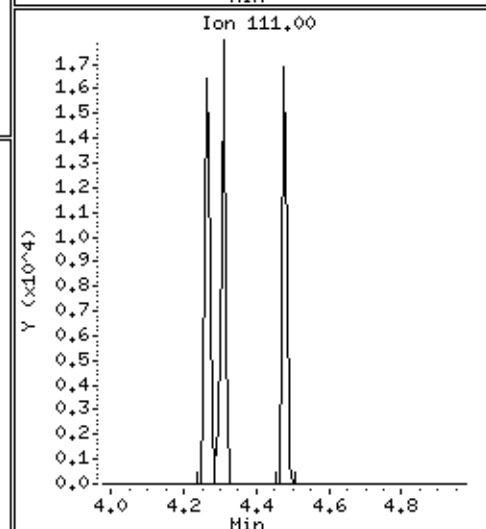
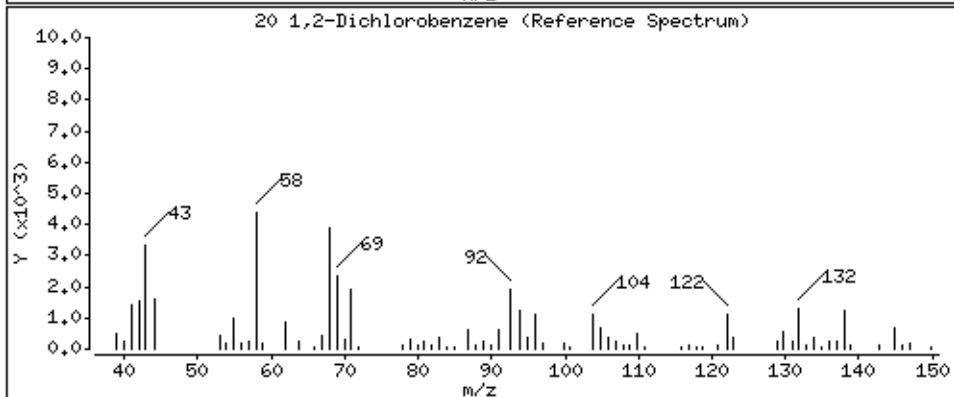
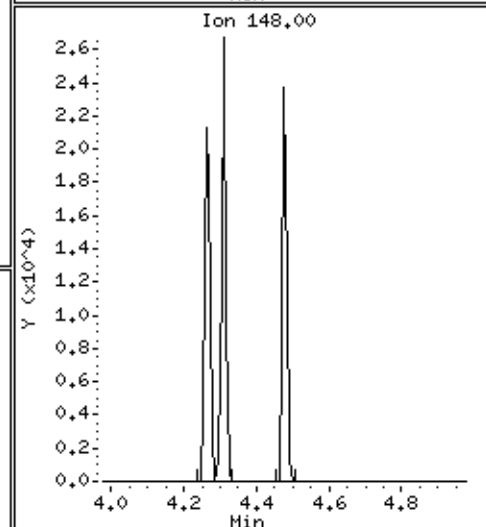
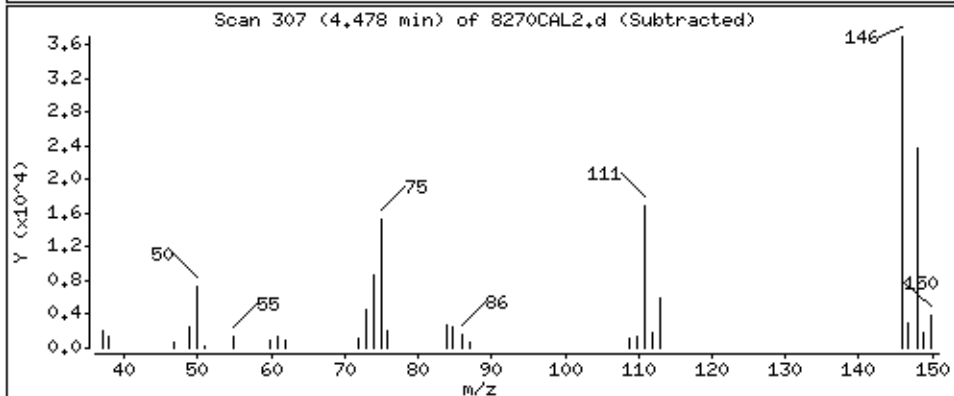
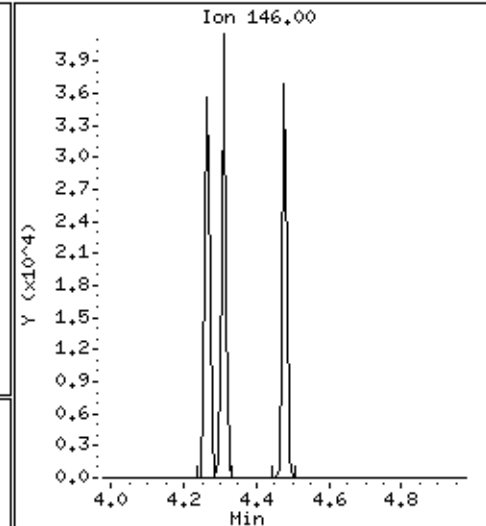
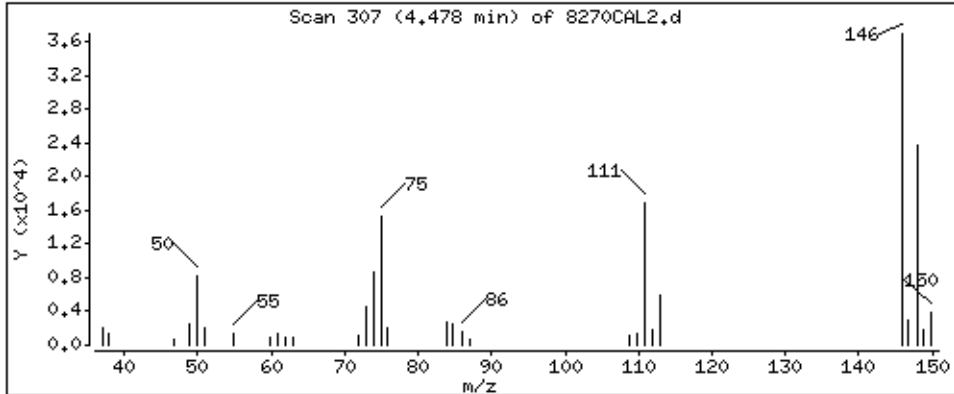
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

20 1,2-Dichlorobenzene

Concentration: 9,9 ug/kg



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

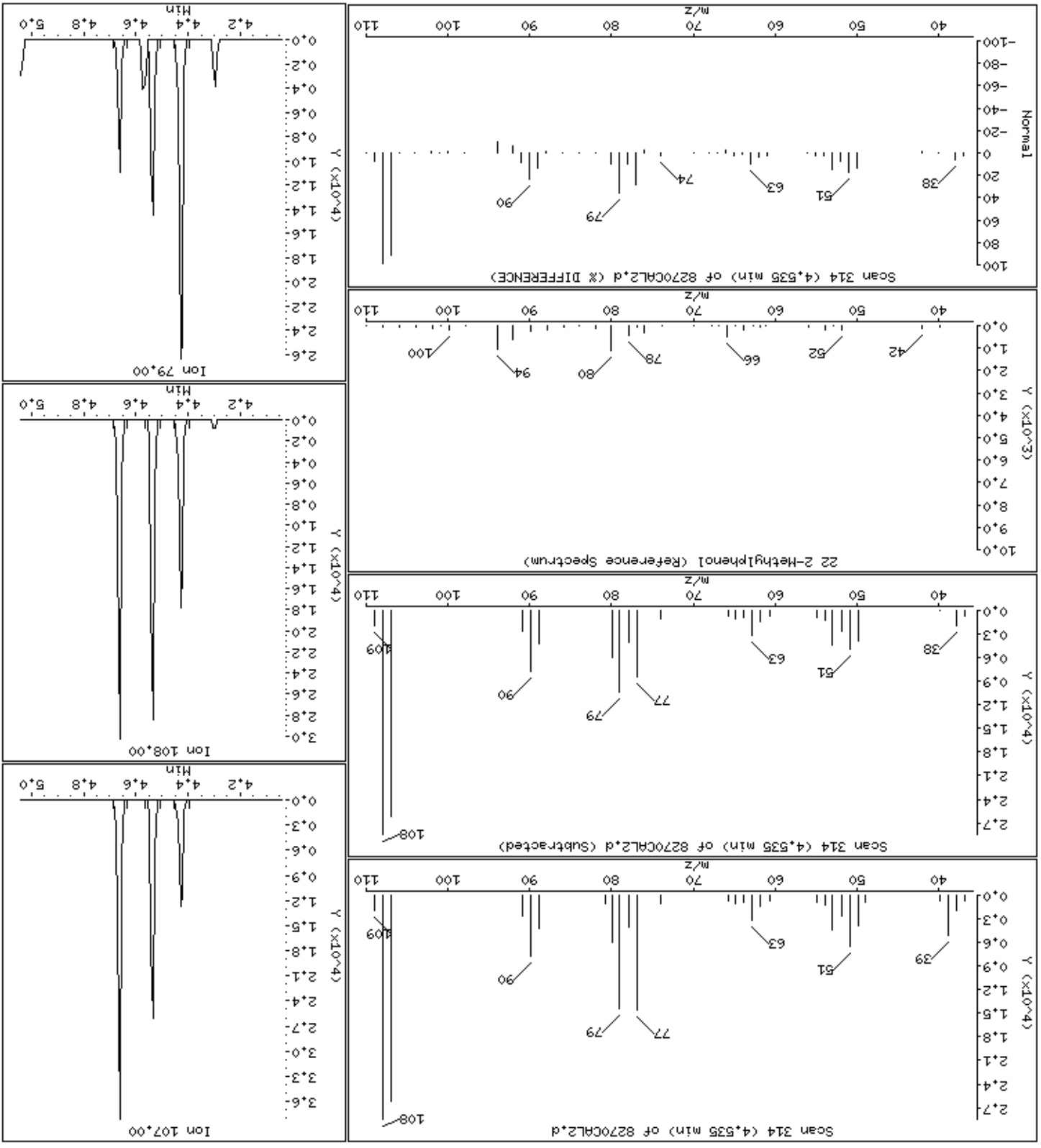
Sample Info: 4768

Operator: MJ

Column diameter: 0.25

Concentration: 10.2 ug/kg

Instrument: smsd04.1



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

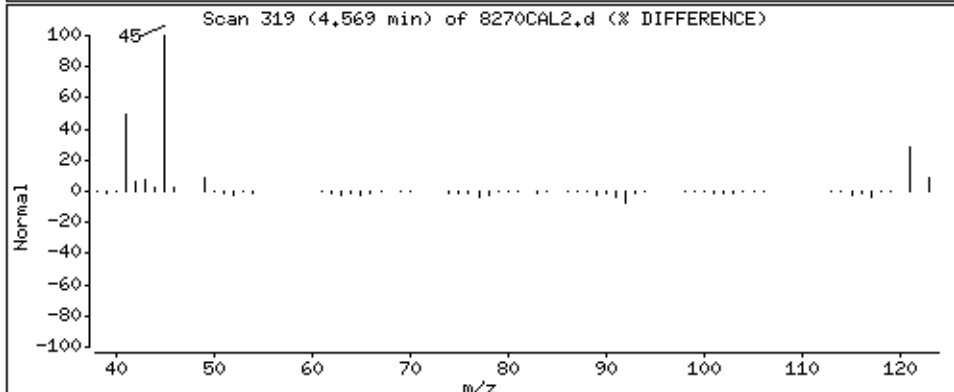
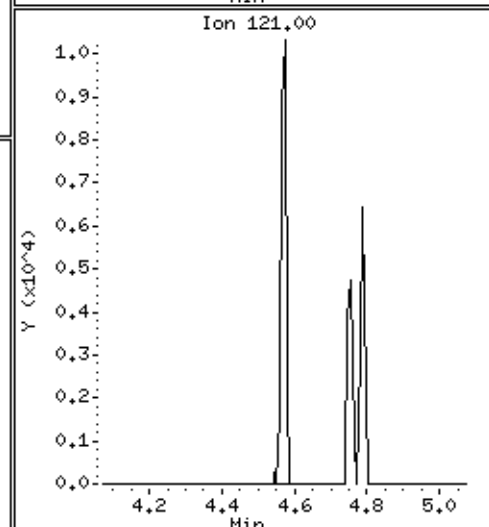
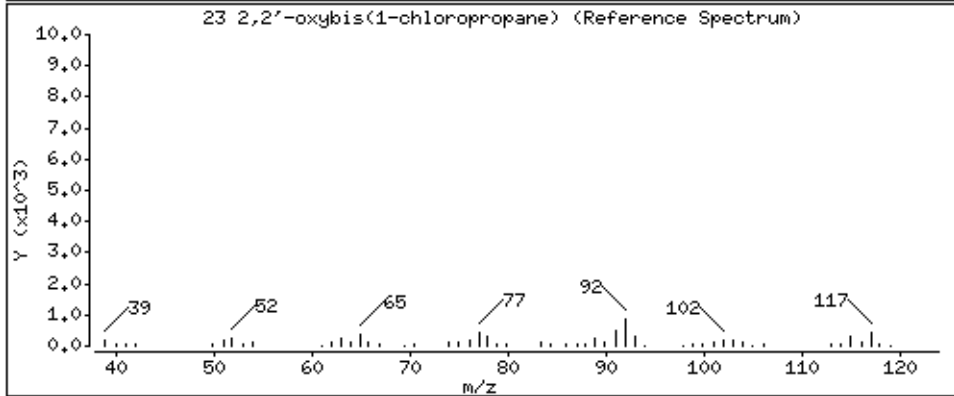
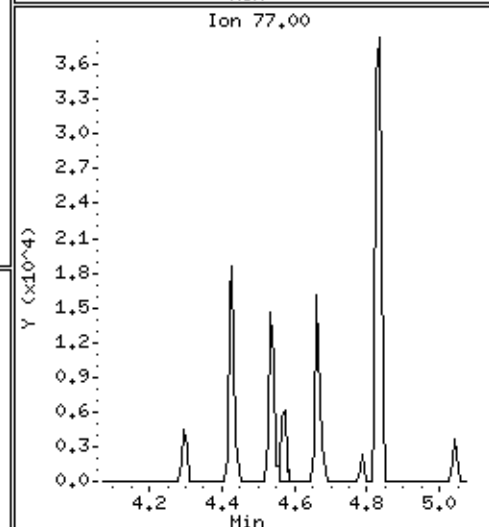
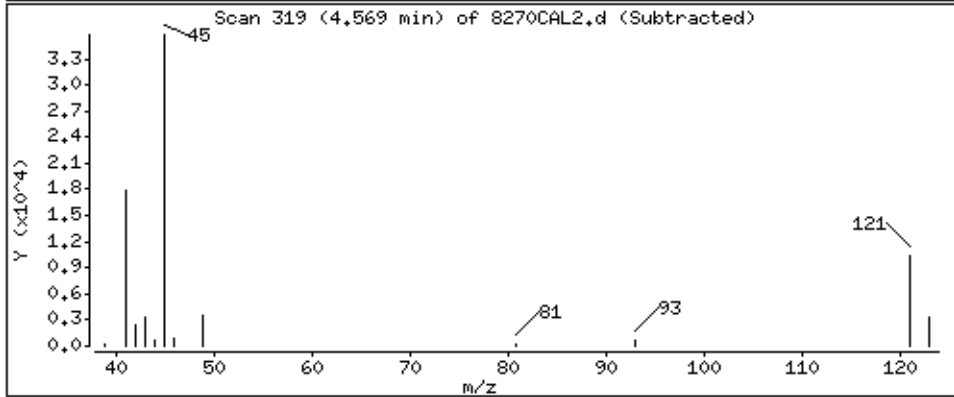
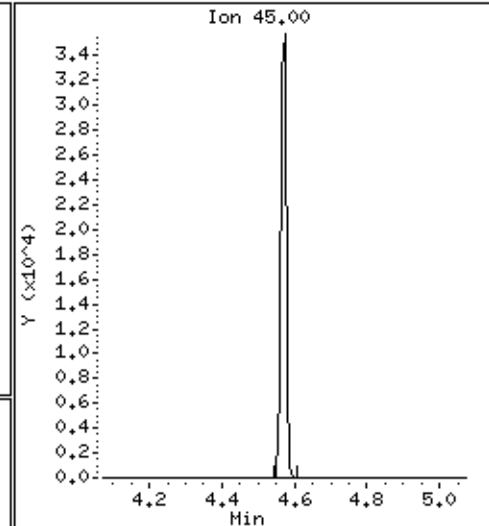
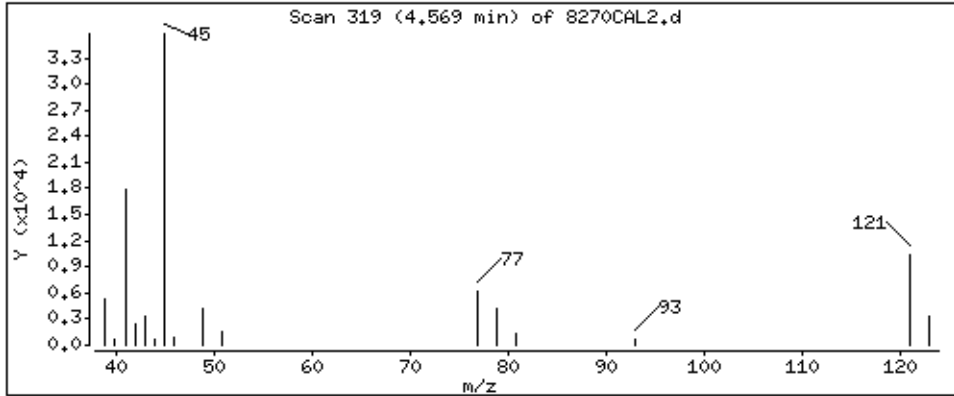
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

23 2,2'-oxybis(1-chloropropane)

Concentration: 10,3 ug/kg



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

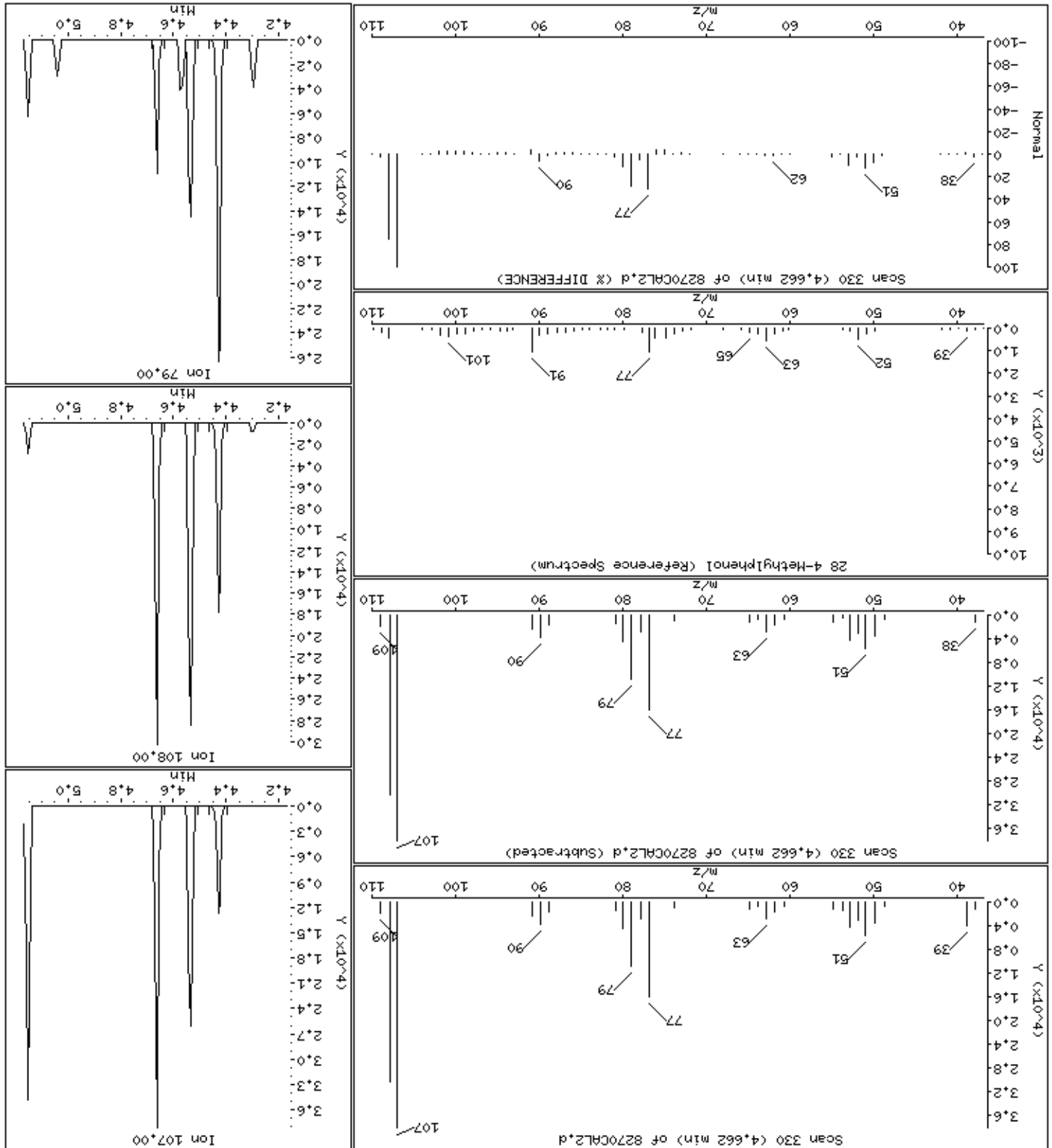
Operator: MJ

Column diameter: 0.25

Concentration: 9.7 ug/kg

Instrument: smsd04.1

28-4-Methylphenol





Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

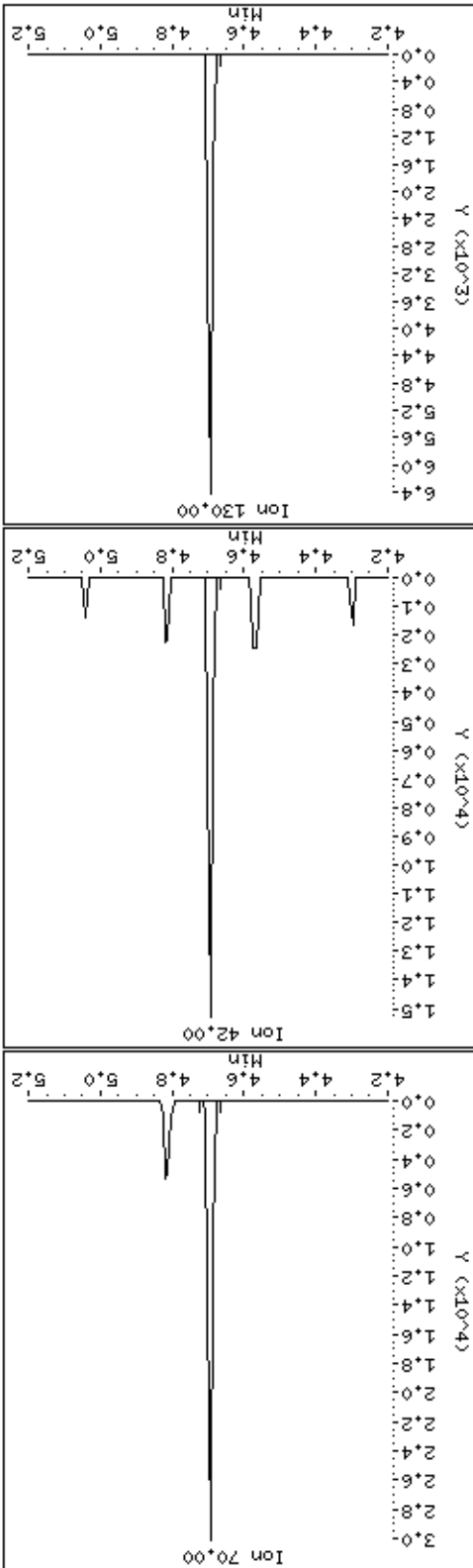
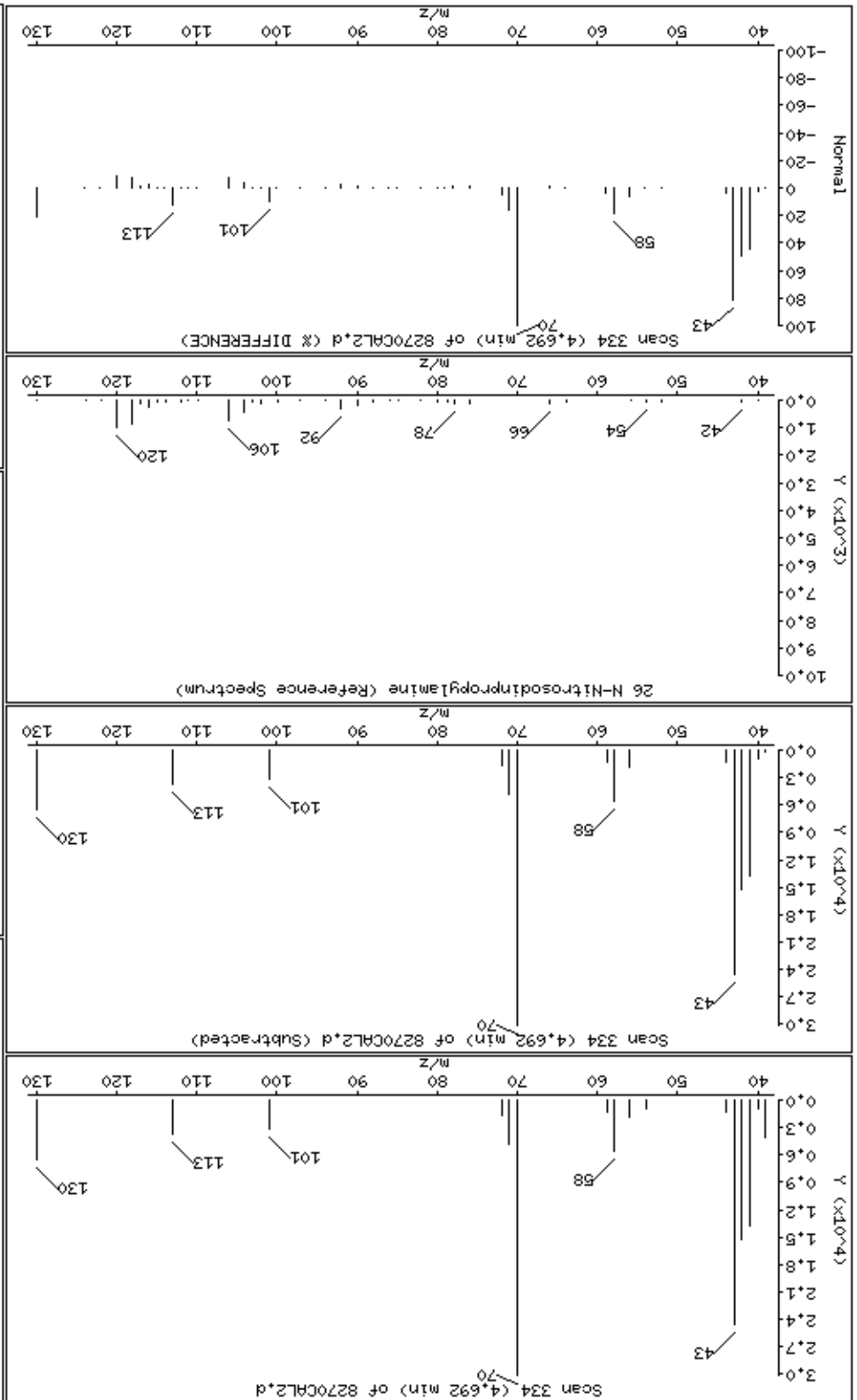
Operator: MJ

Column diameter: 0.25

Concentration: 9.8 ug/kg

Instrument: smsd04.1

26-Nitrosodipropylamine



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

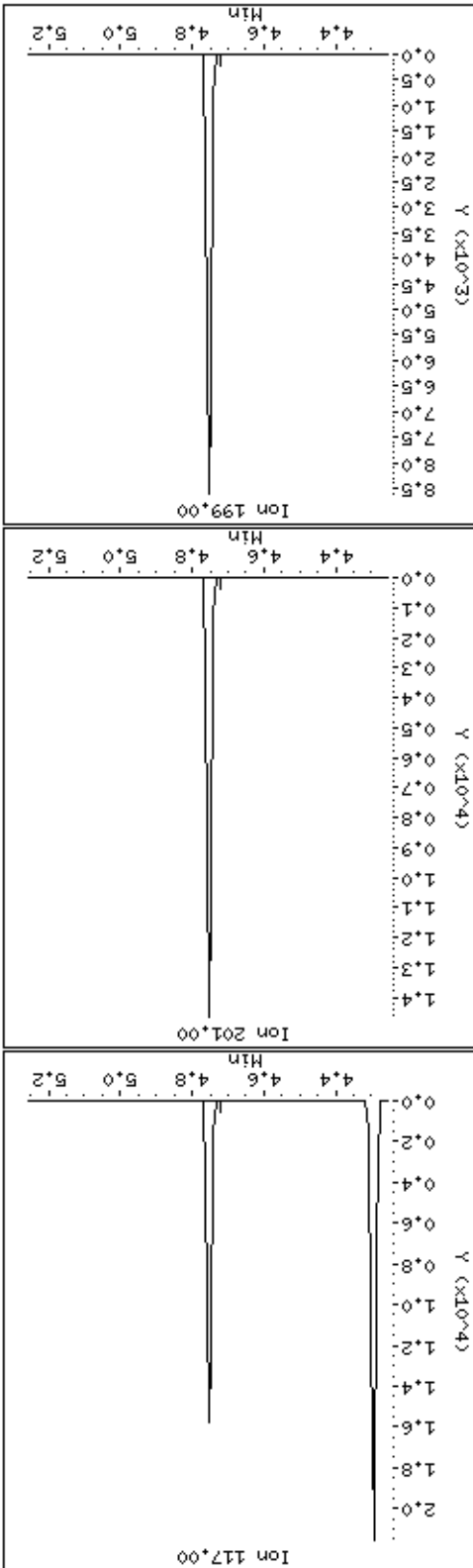
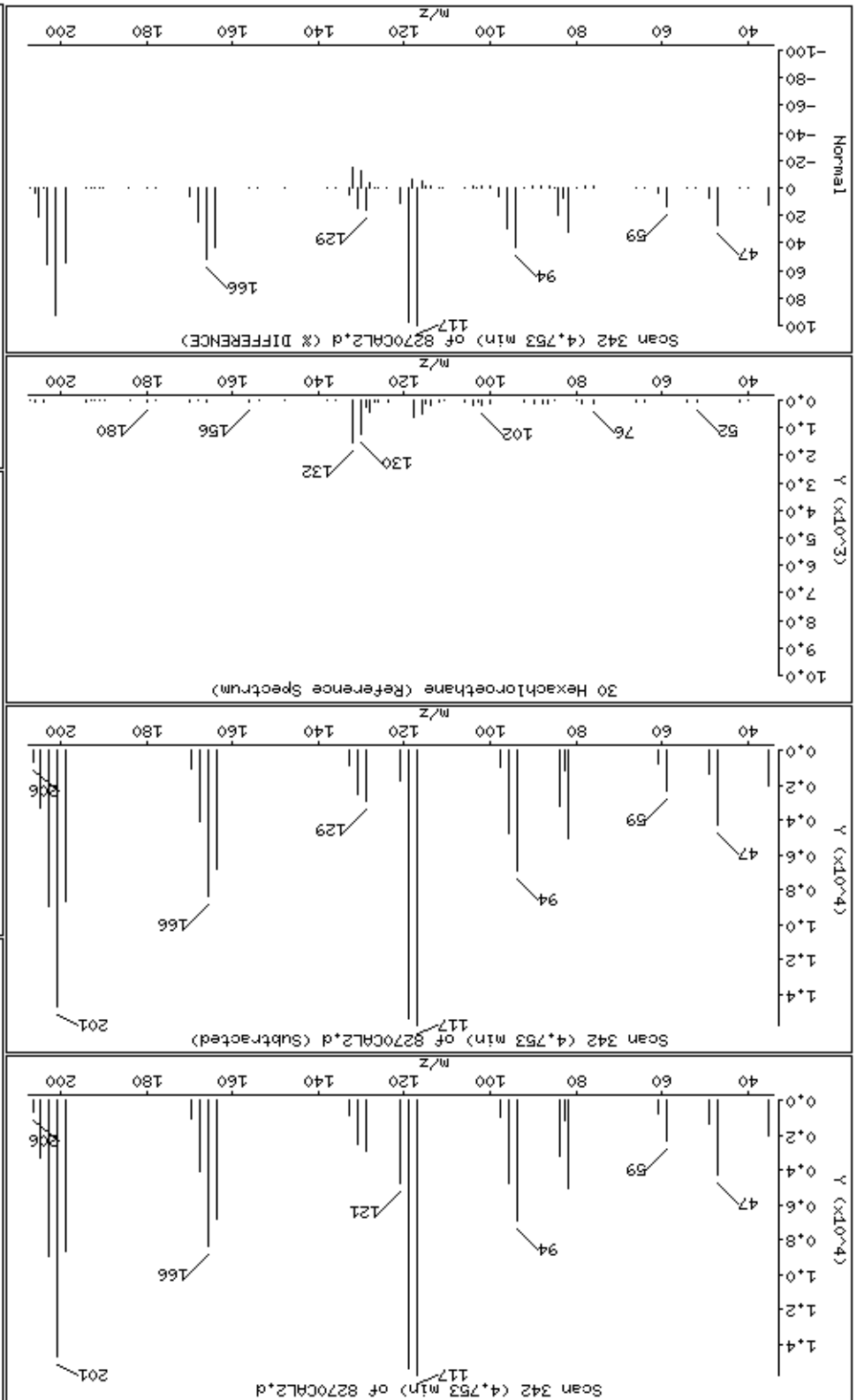
Operator: MJ

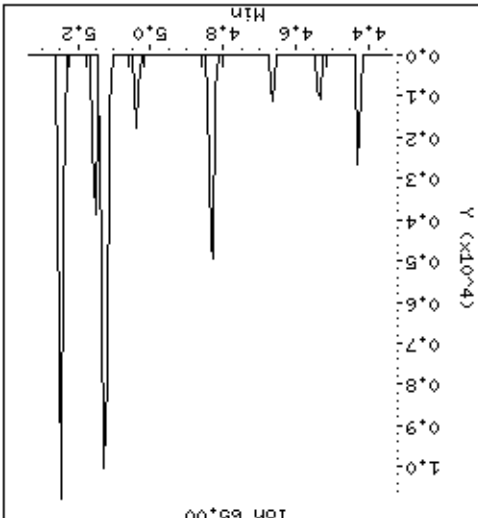
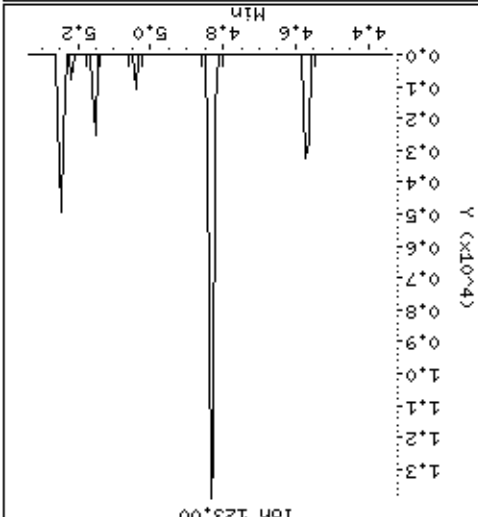
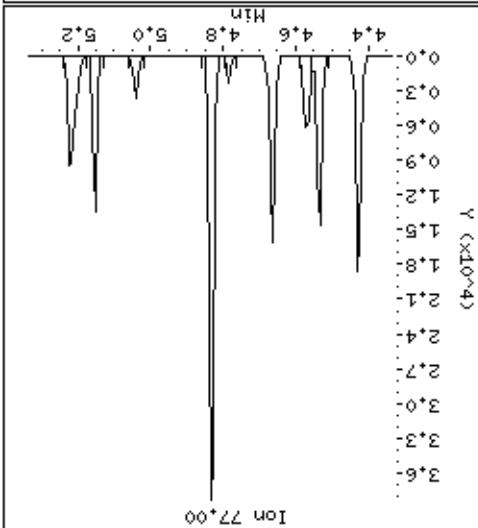
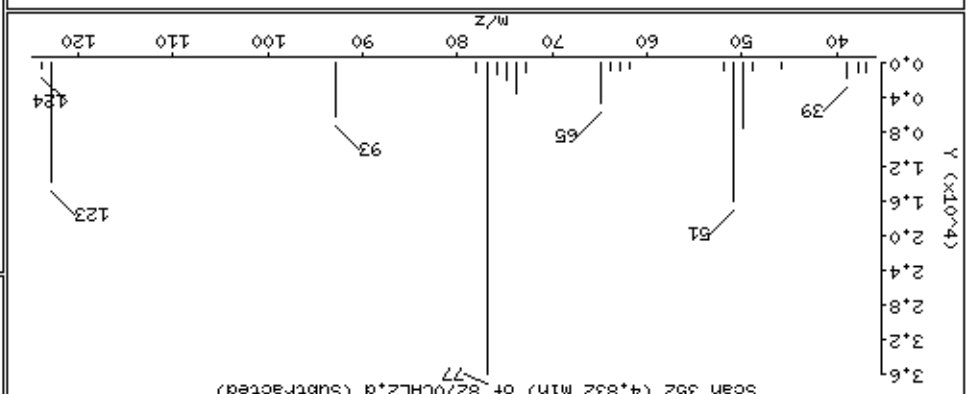
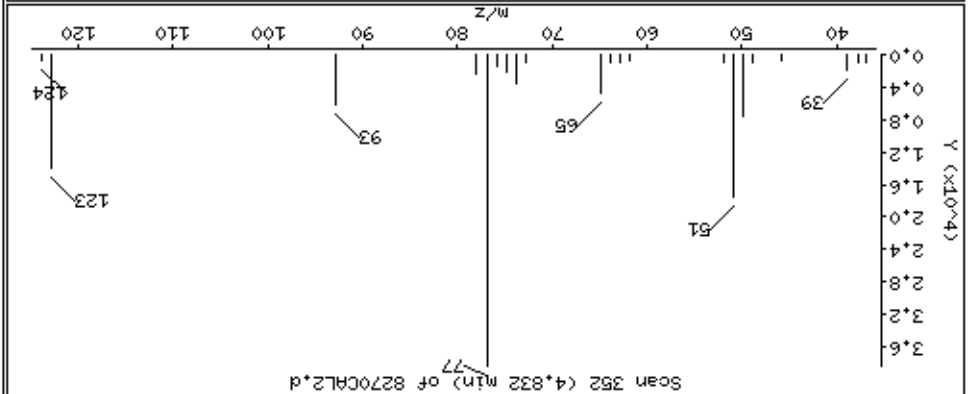
Column diameter: 0.25

Concentration: 10.2 ug/kg

Instrument: smsd04.1

30 Hexachloroethane





Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

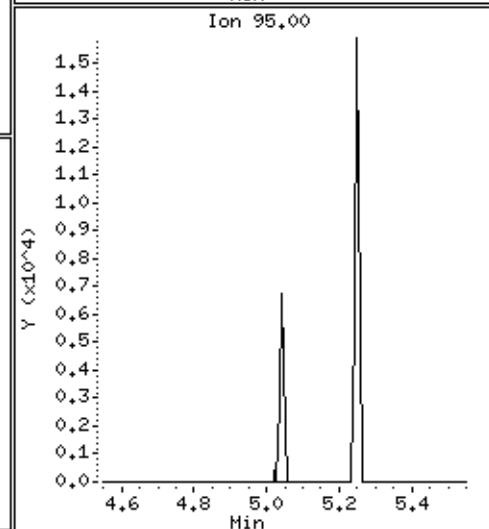
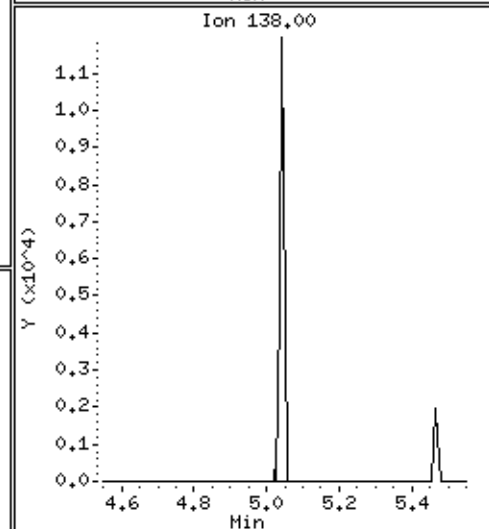
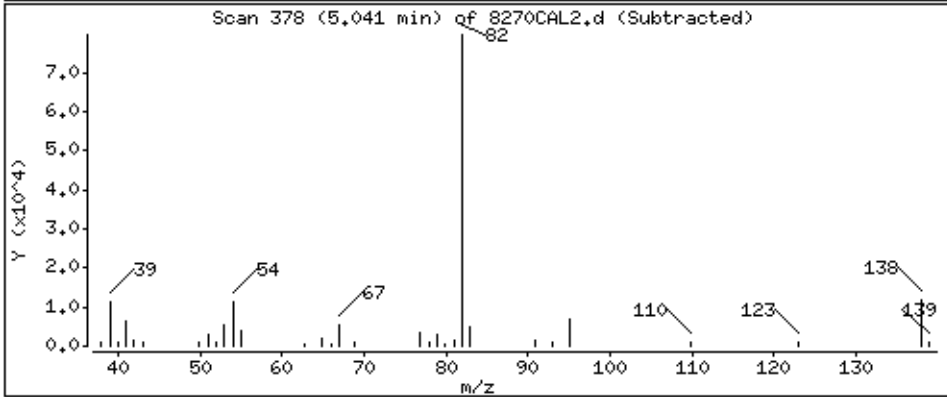
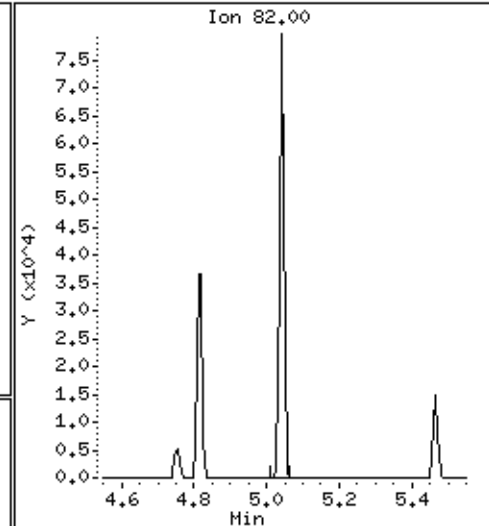
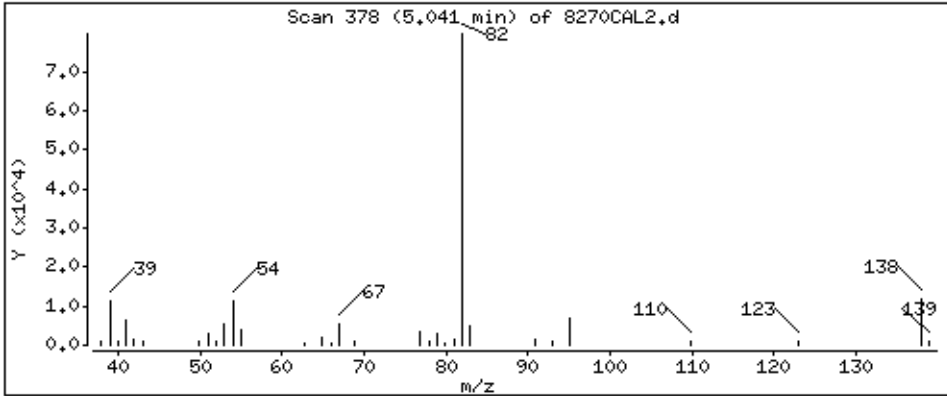
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

34 Isophorone

Concentration: 9,7 ug/kg



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

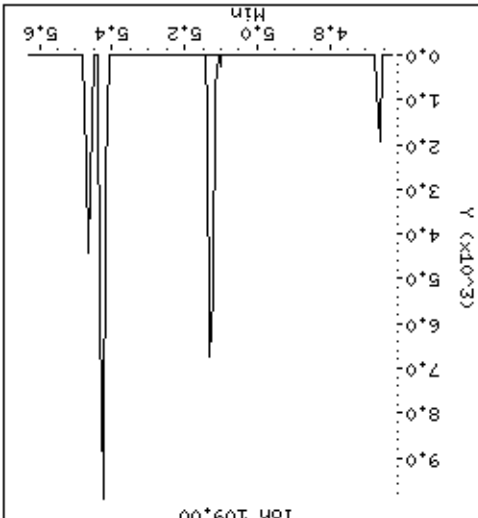
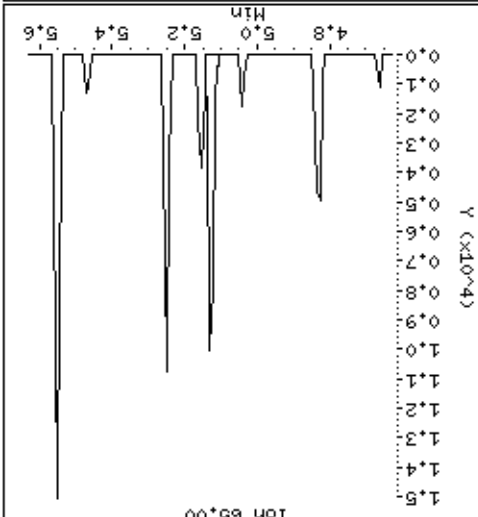
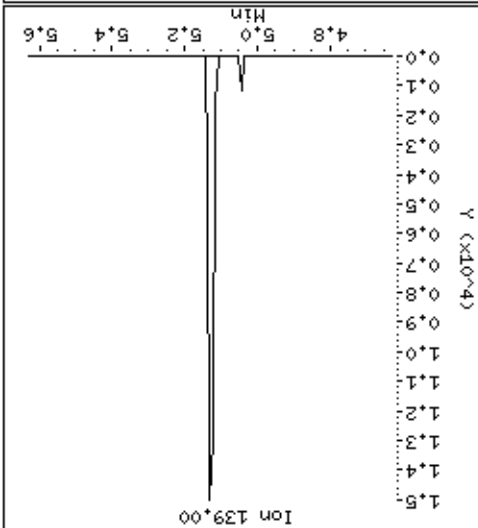
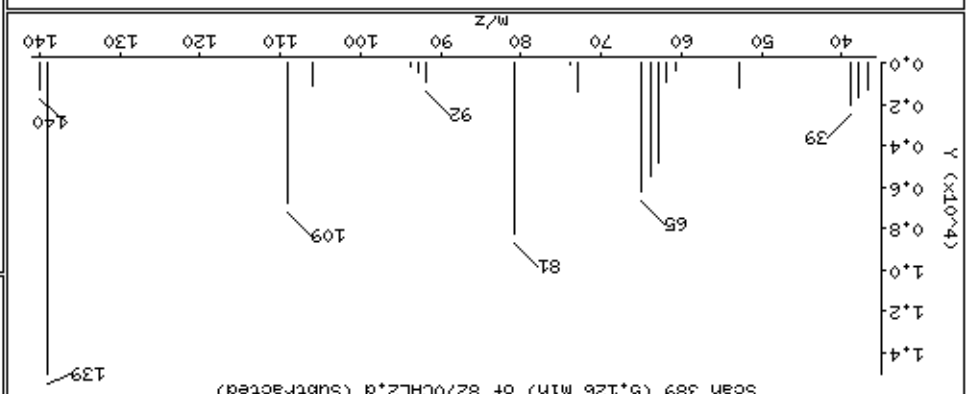
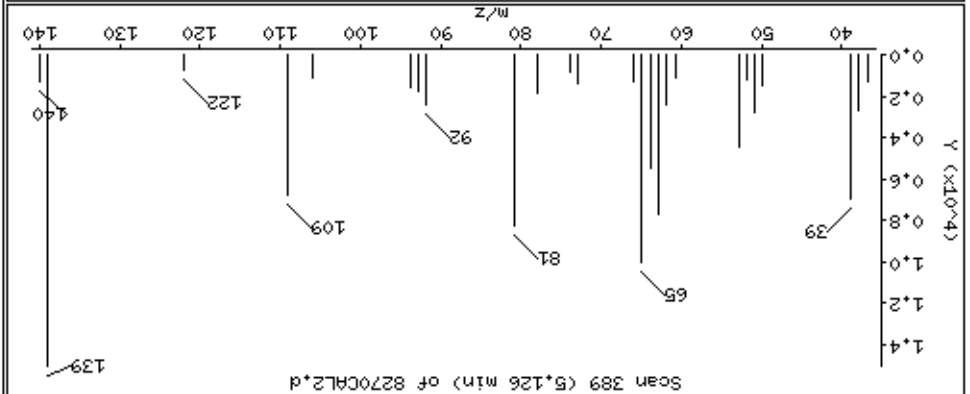
Sample Info: 4768

Operator: MJ

Column diameter: 0.25

Concentration: 9.5 ug/kg

35 2-Nitrophenol



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

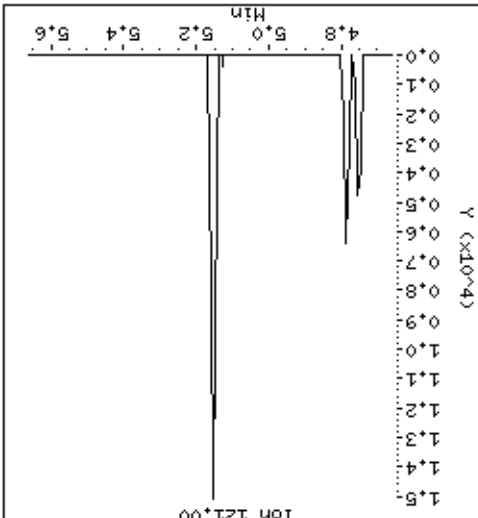
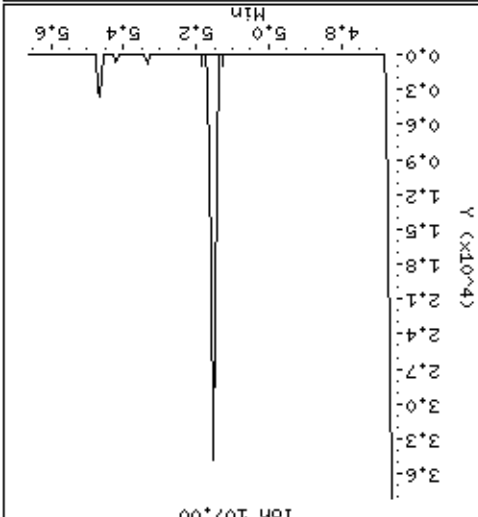
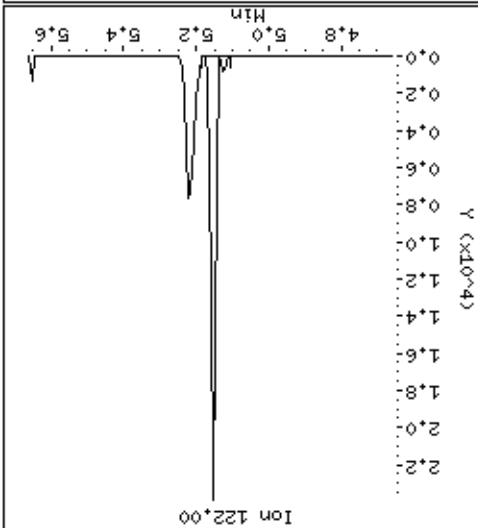
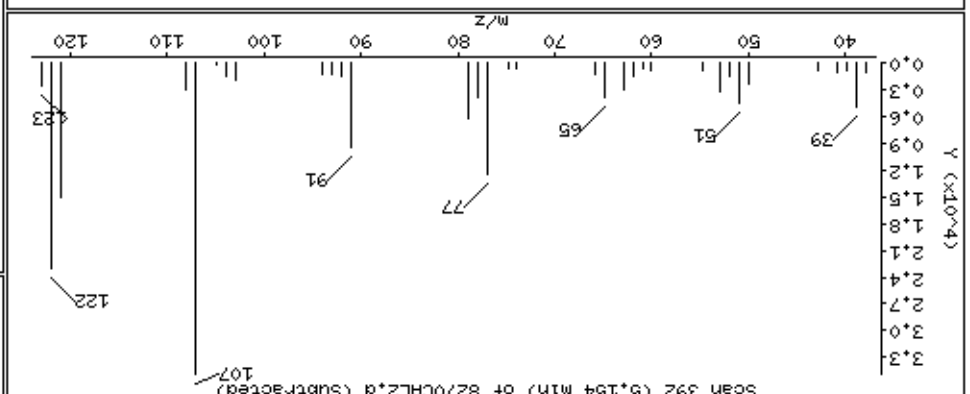
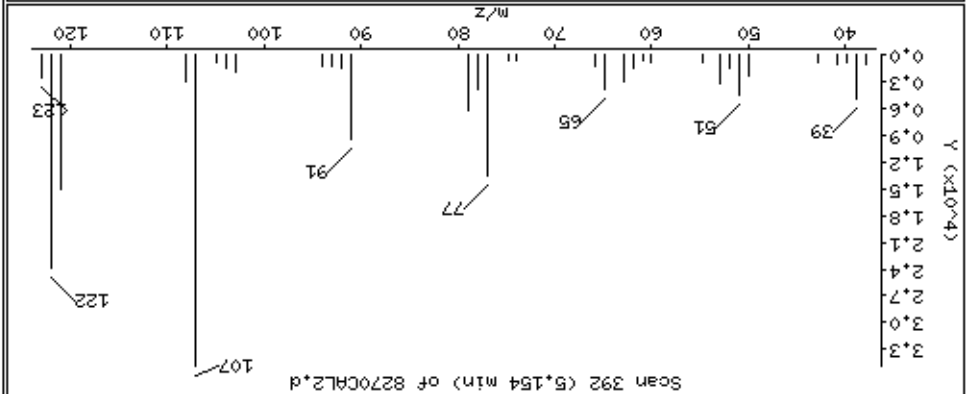
Sample Info: 4768

Operator: MJ

Column diameter: 0.25

36 2,4-Dimethylphenol

Concentration: 8.7 ug/kg



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

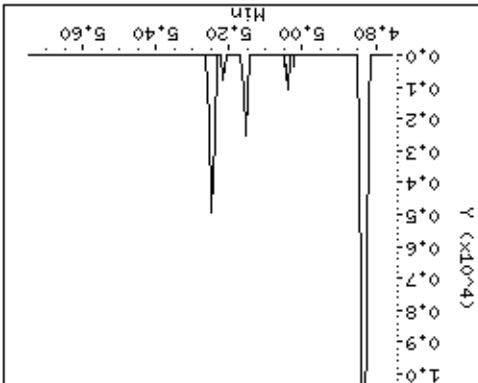
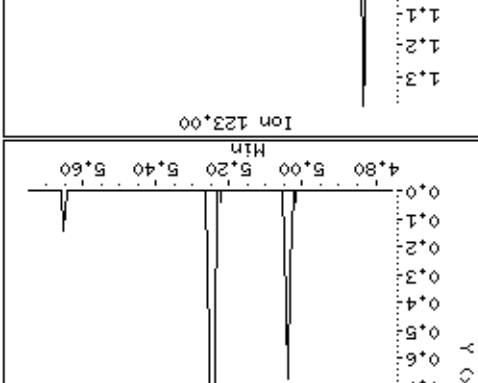
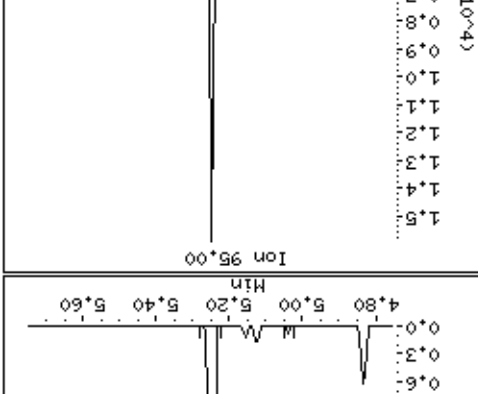
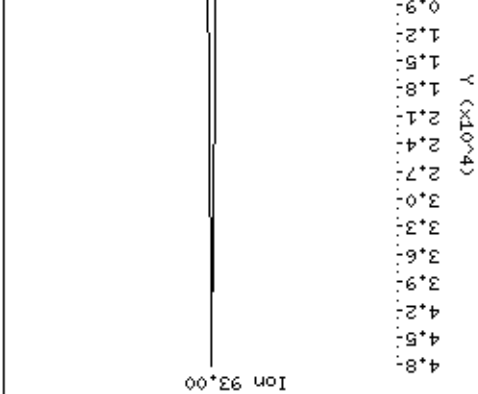
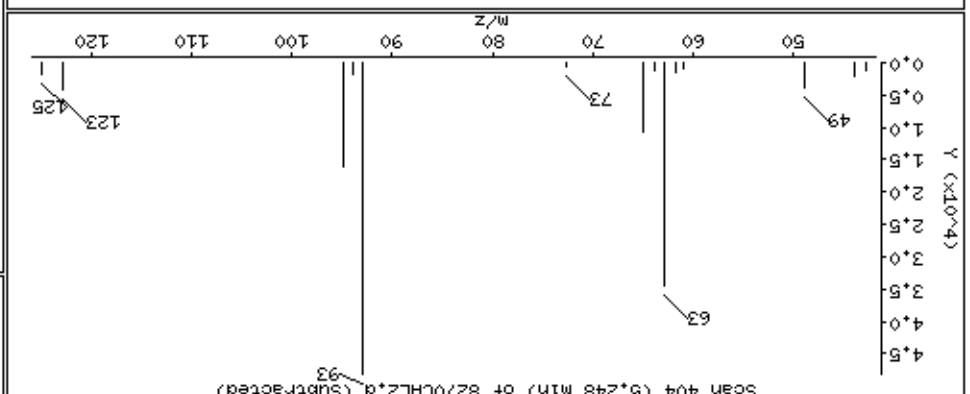
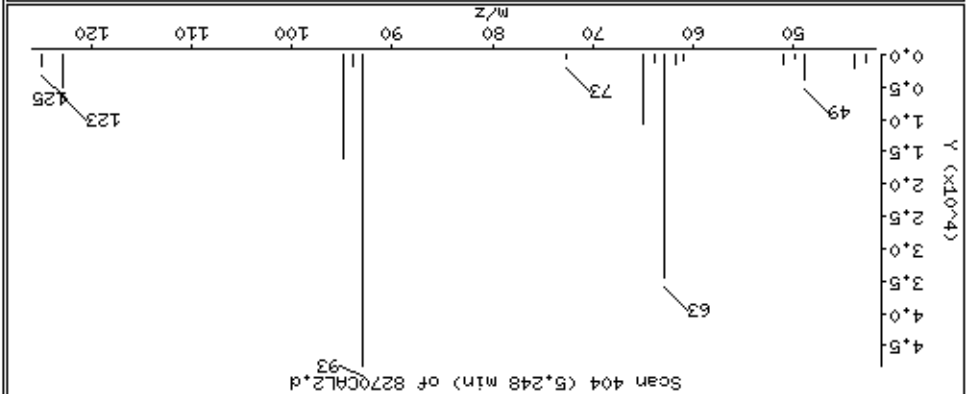
Operator: MJ

Column diameter: 0.25

Concentration: 9.6 ug/kg

Instrument: smsd04.1

38 Bis(2-Chloroethoxy)methane



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

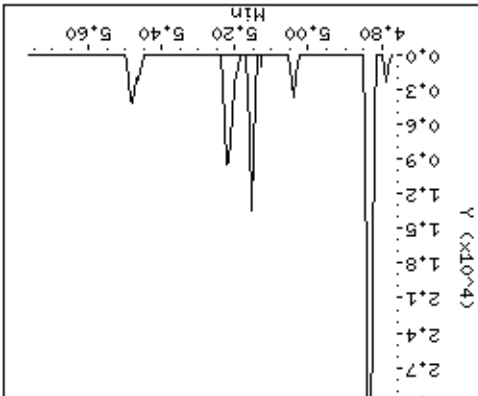
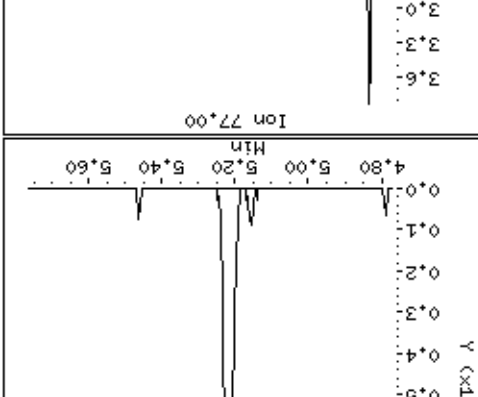
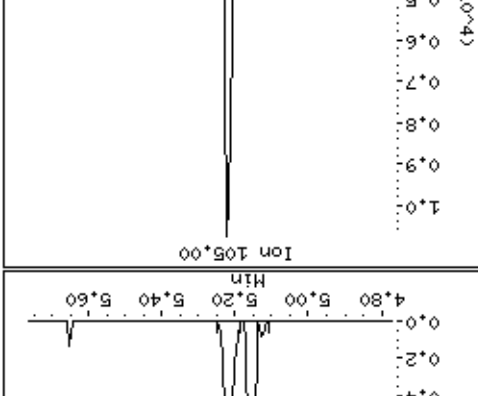
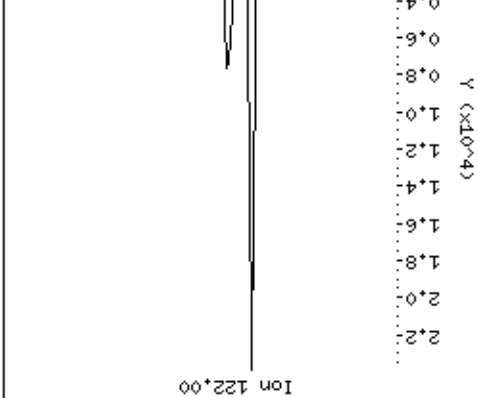
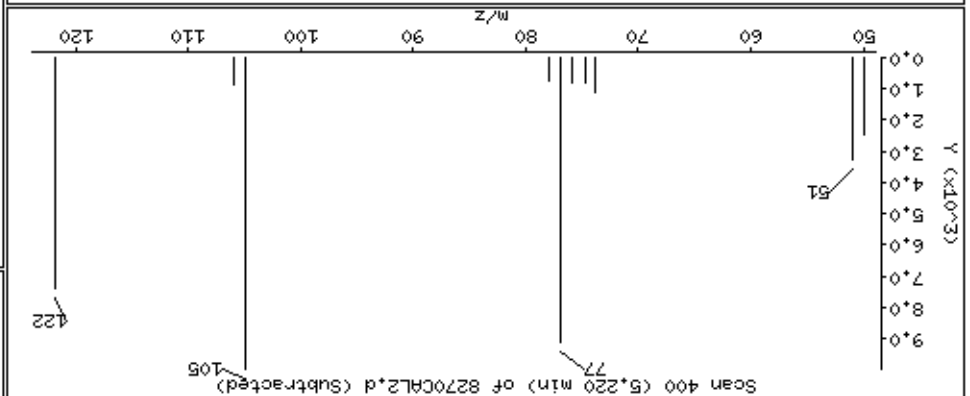
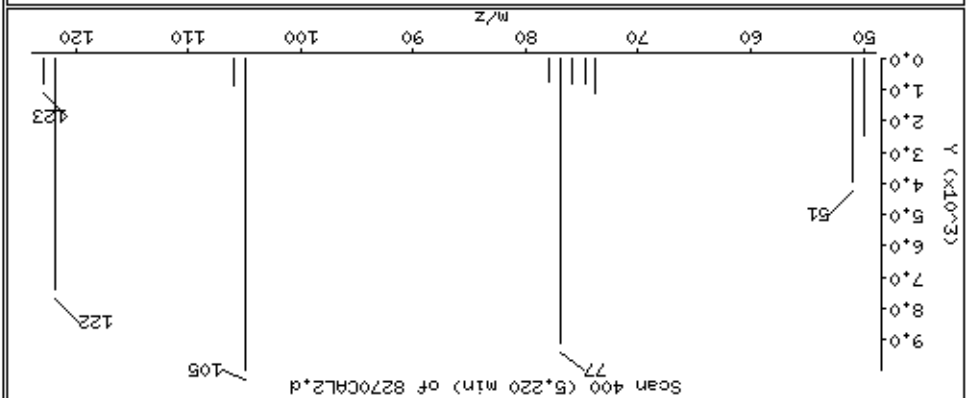
Sample Info: 4768

Operator: MJ

Column diameter: 0.25

40 Benzoic Acid

Concentration: 12.4 ug/kg





Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

Operator: MJ

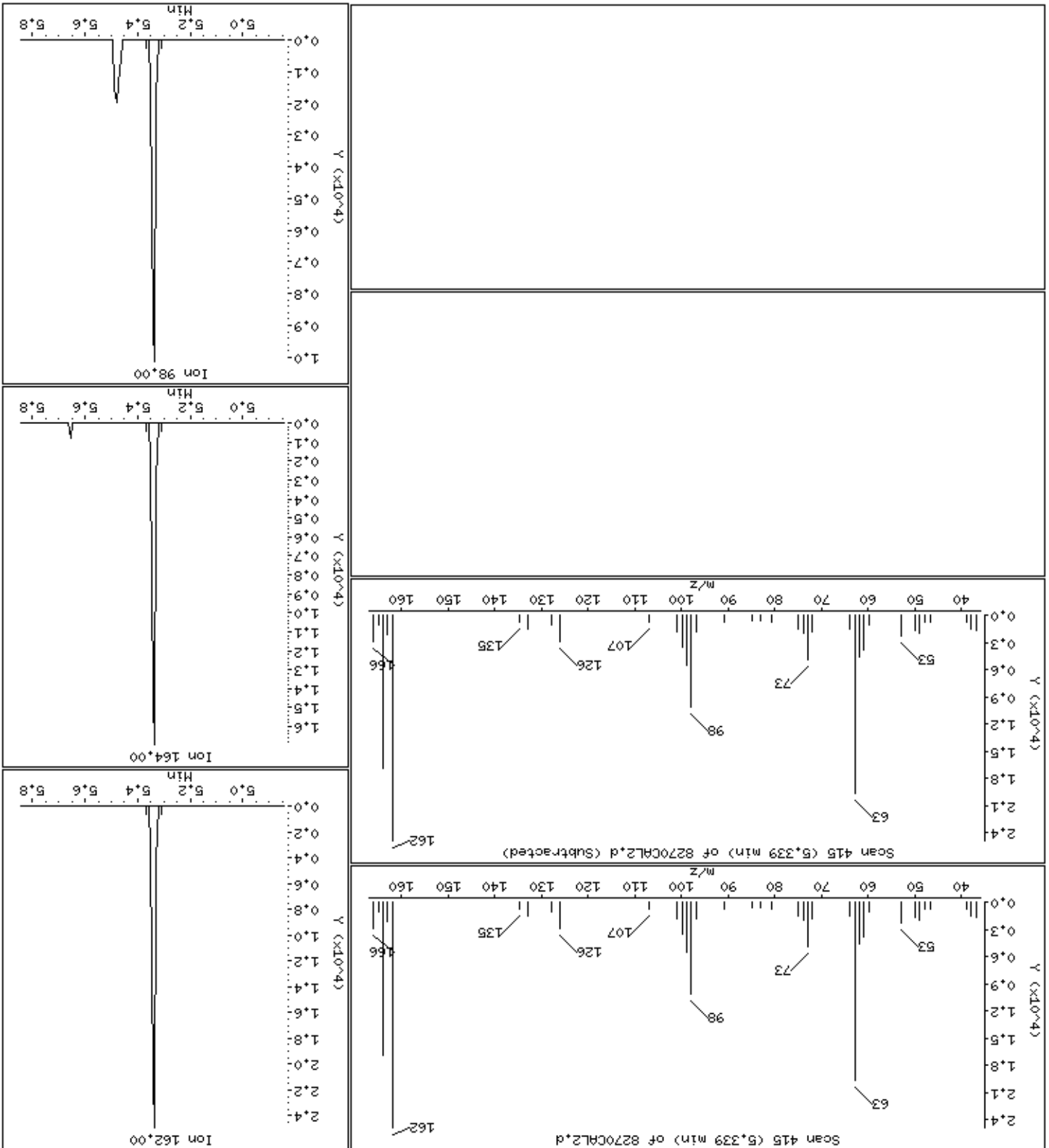
Column diameter: 0.25

Concentration: 9.0 ug/kg

Instrument: smsd04.1

41 2,4-Dichlorophenol

Column phase: HPMS-5



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

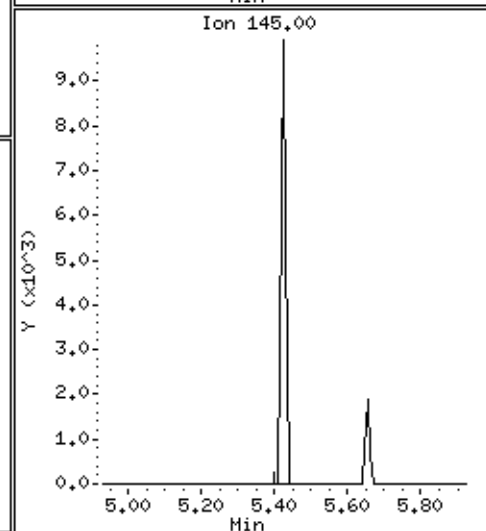
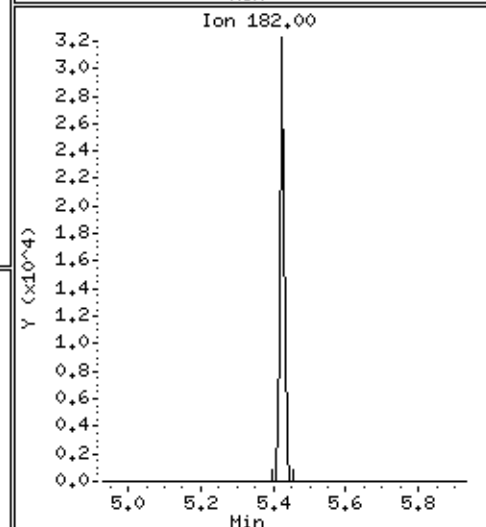
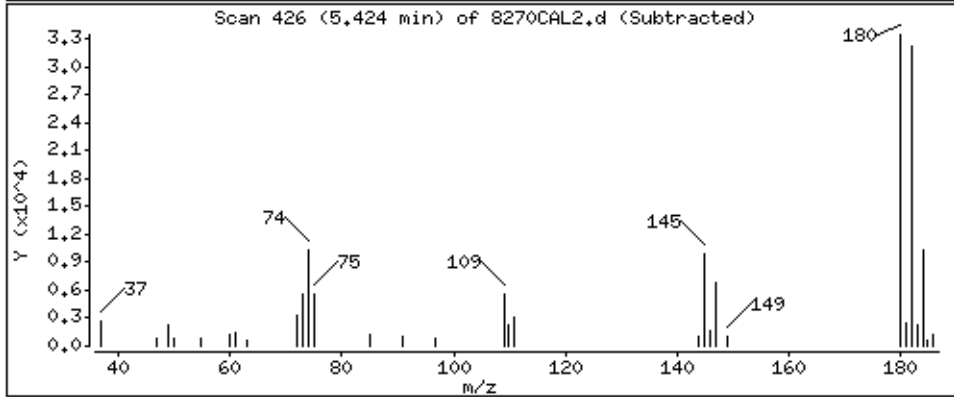
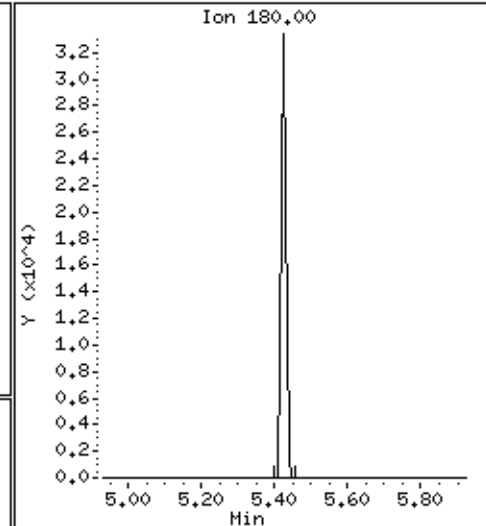
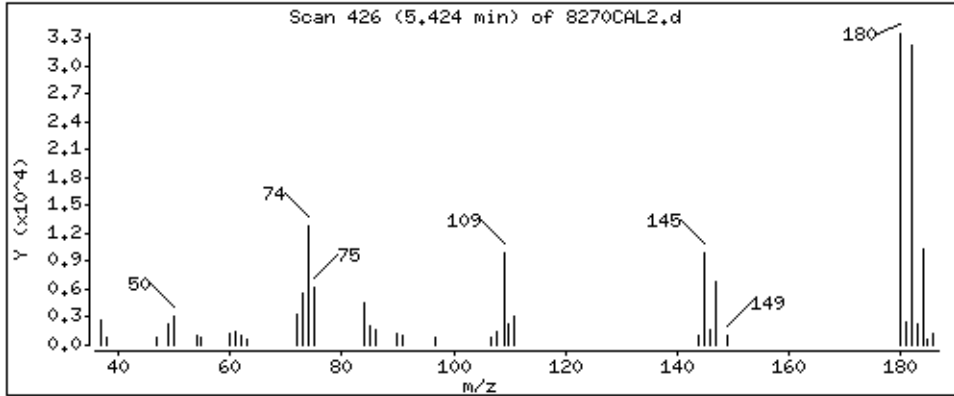
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

42 1,2,4-Trichlorobenzene

Concentration: 9,8 ug/kg



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

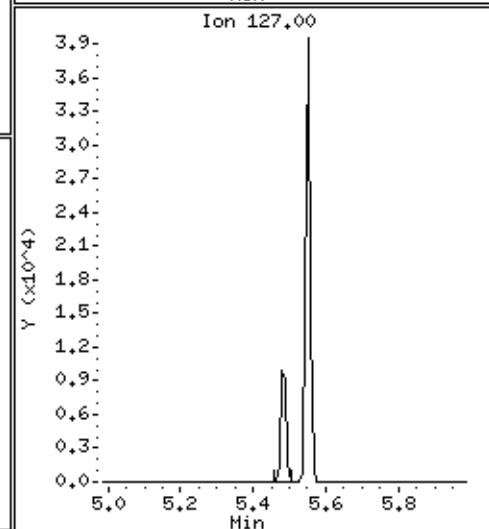
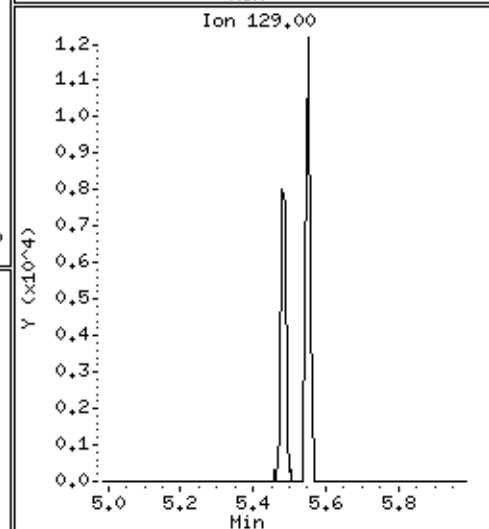
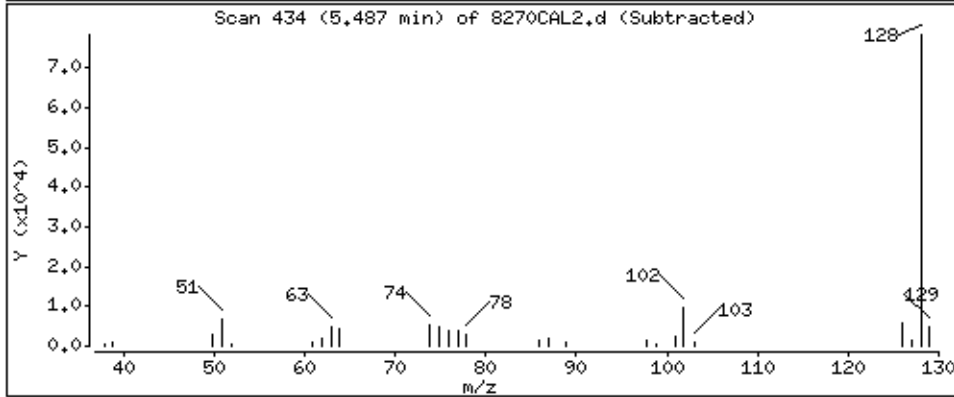
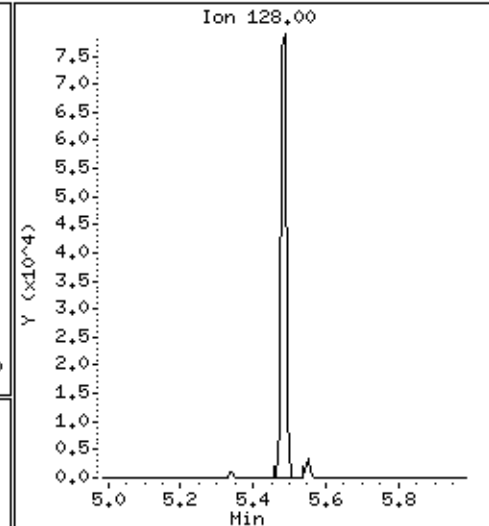
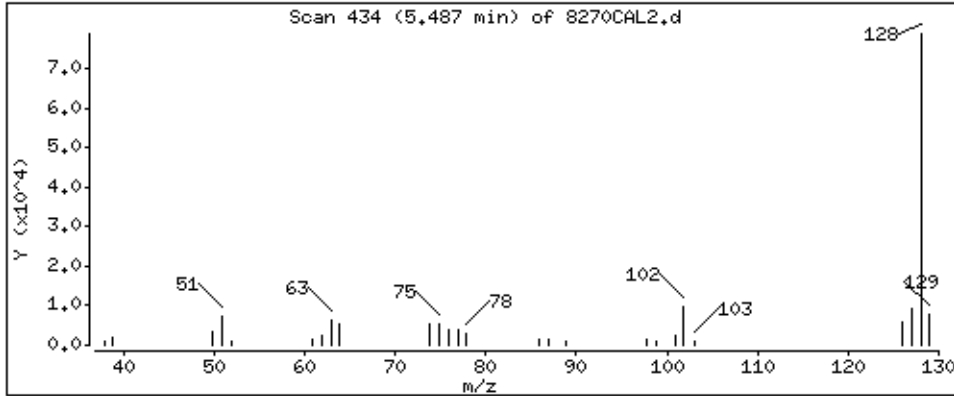
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

44 Naphthalene

Concentration: 9,8 ug/kg



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

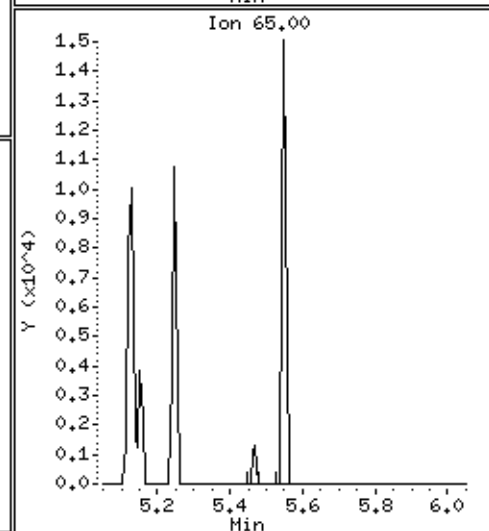
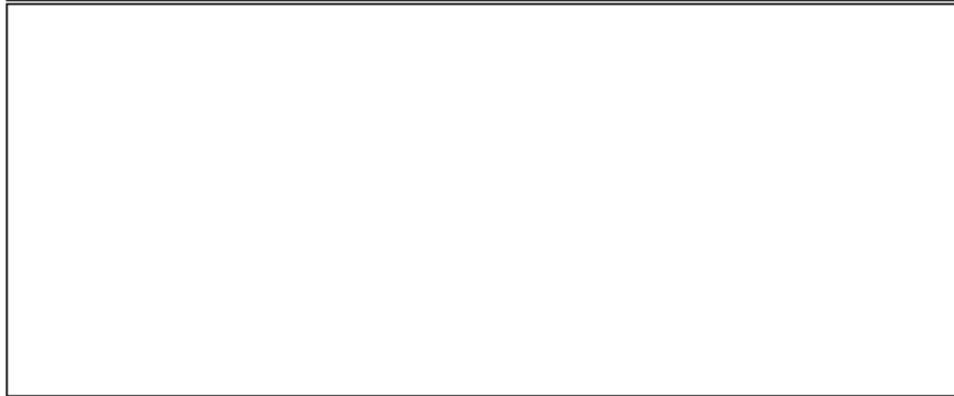
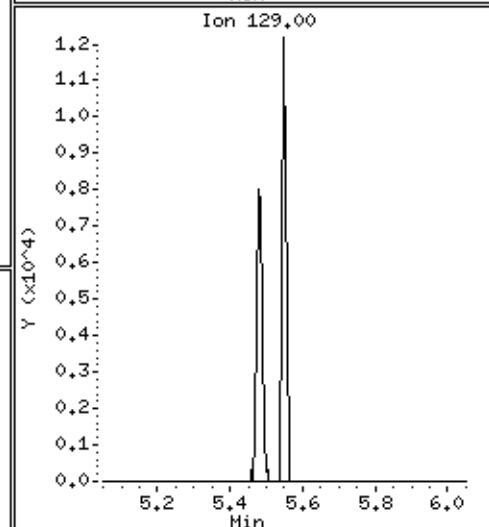
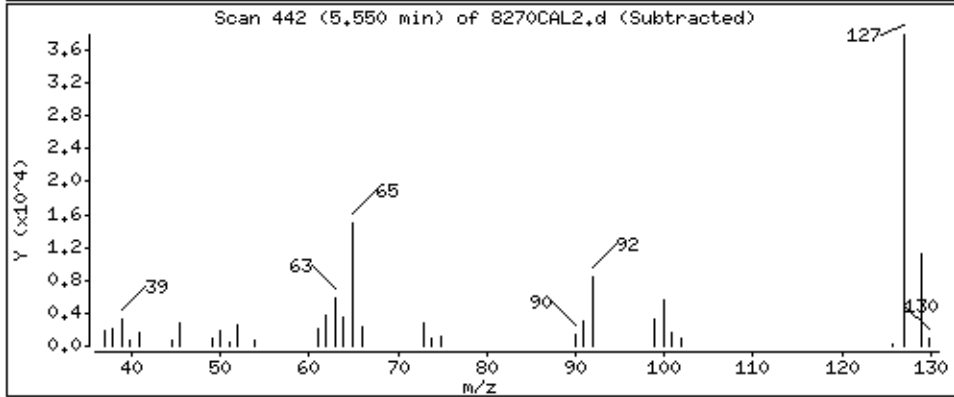
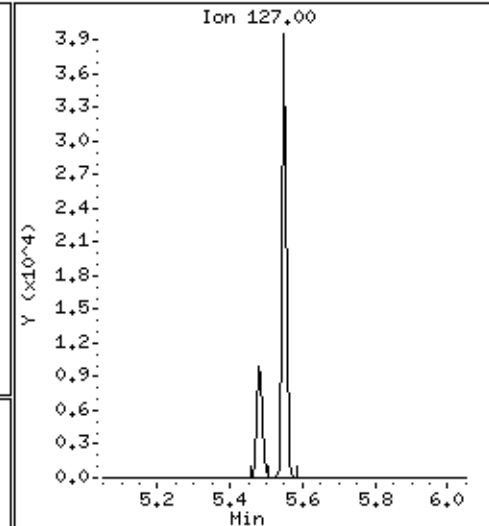
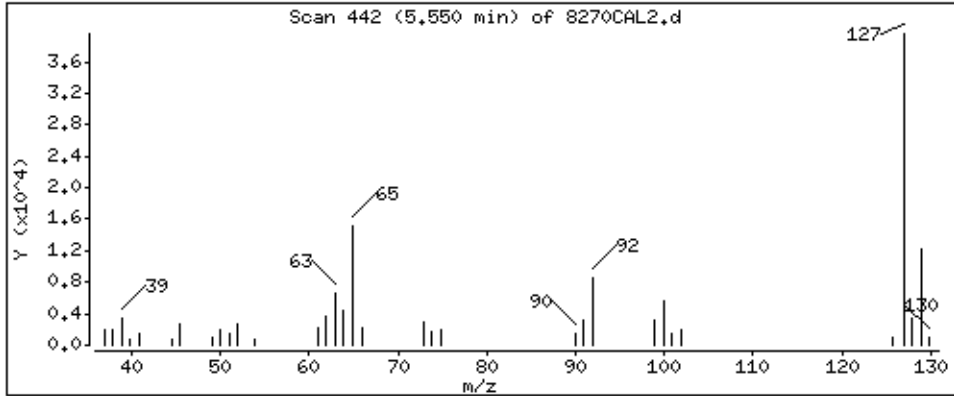
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

45 4-Chloroaniline

Concentration: 9,6 ug/kg



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

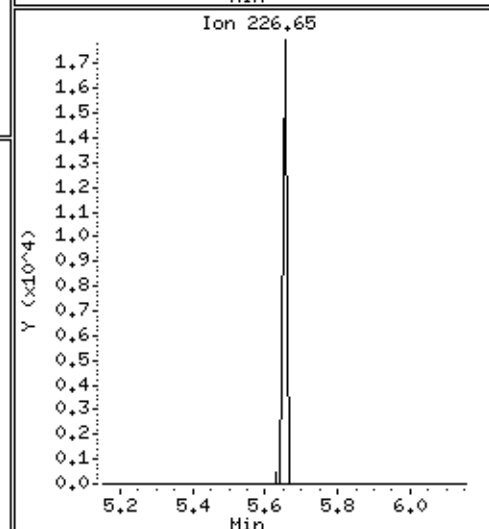
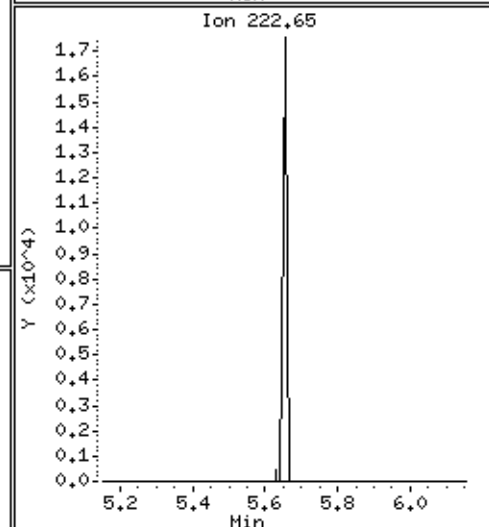
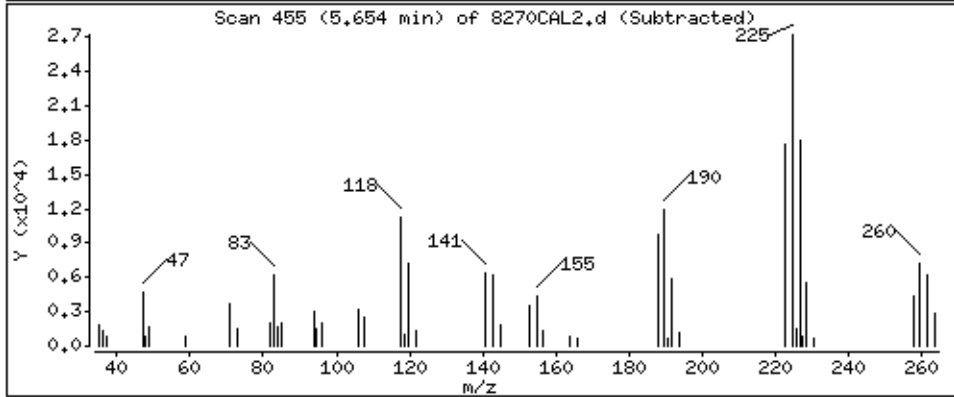
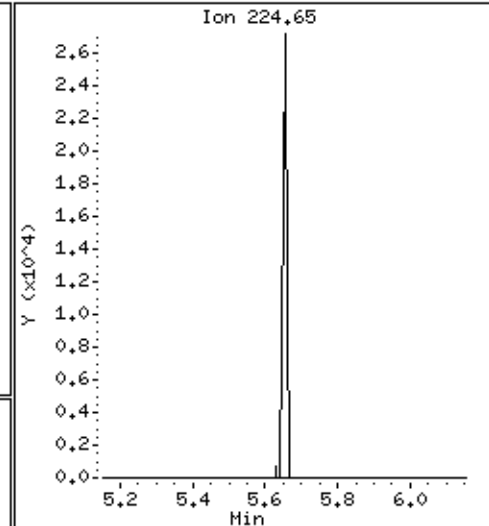
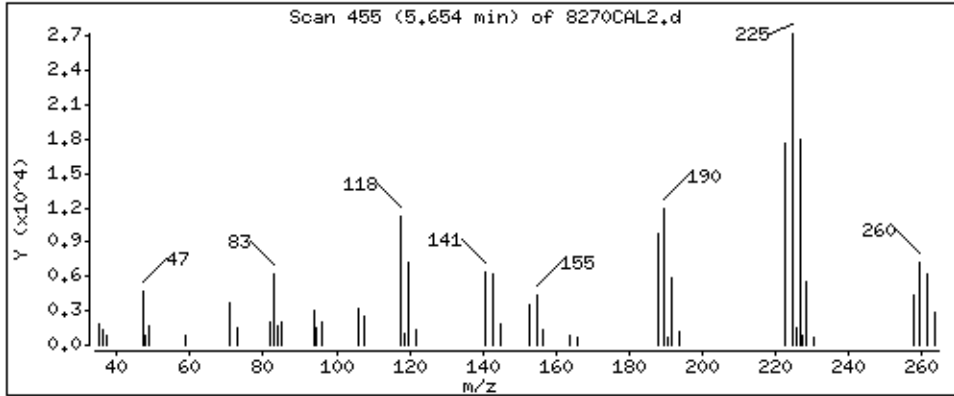
Operator: MJ

Column phase: HPMS-5

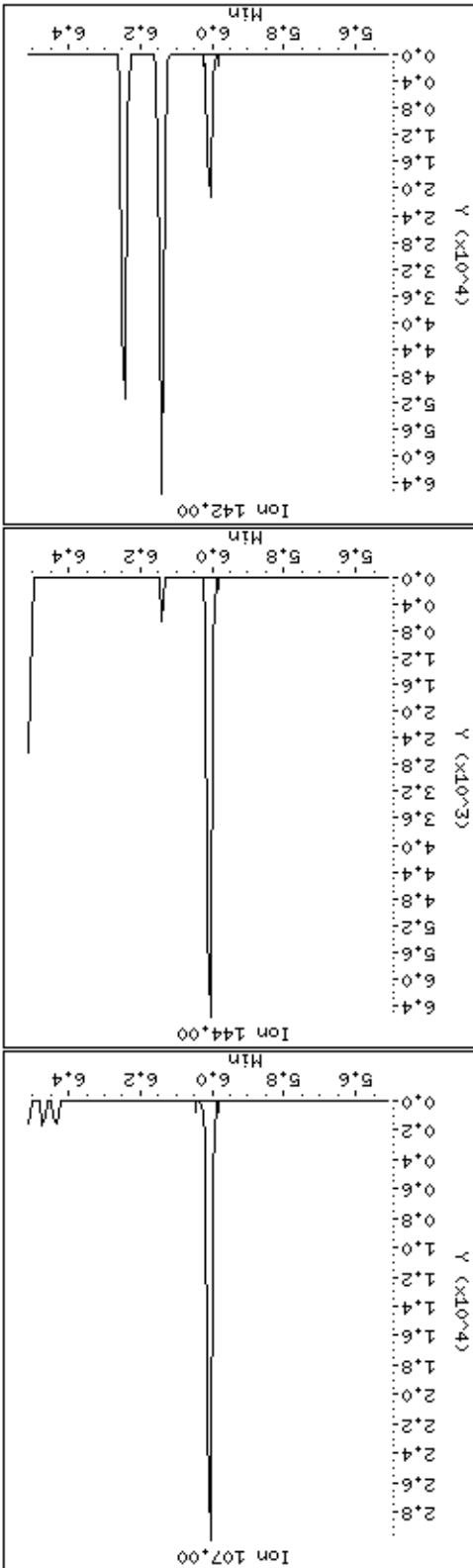
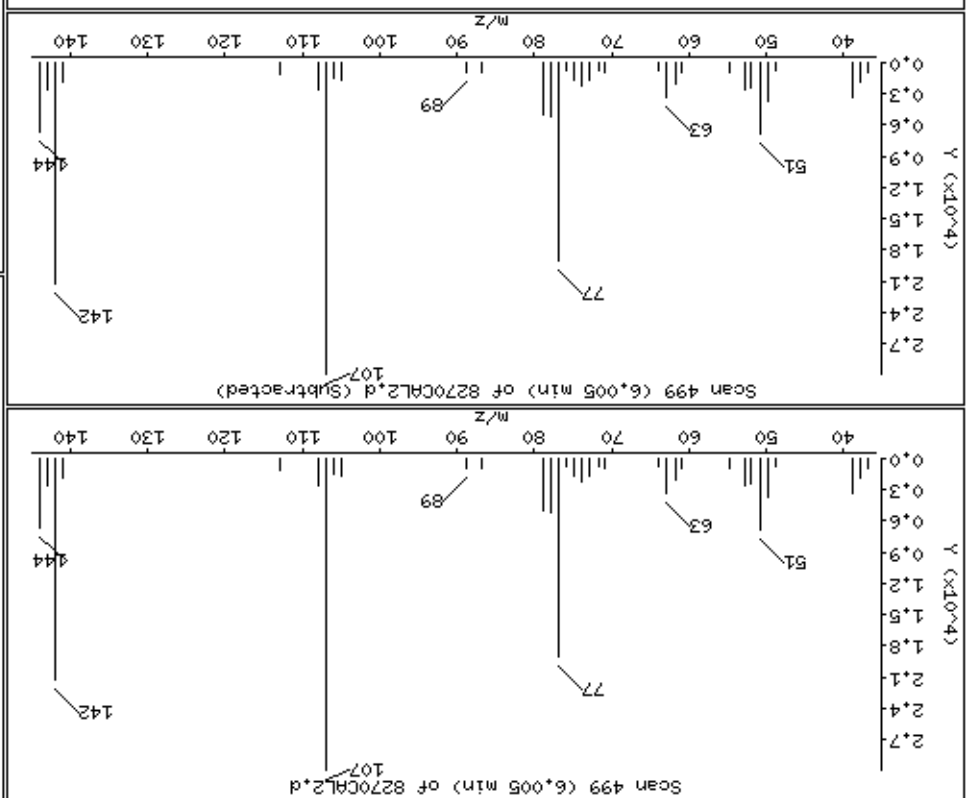
Column diameter: 0,25

48 Hexachlorobutadiene

Concentration: 9,7 ug/kg



51-4-Chloro-3-methylphenol



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

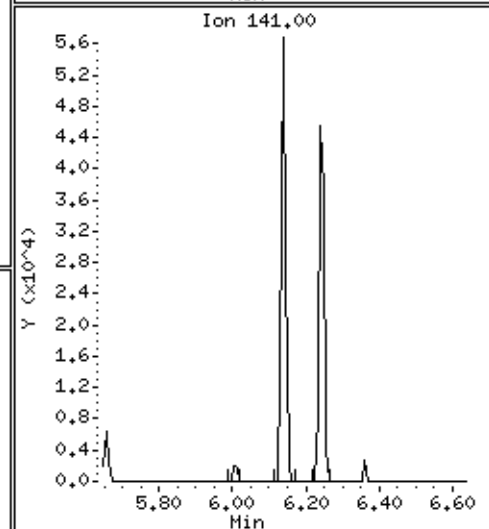
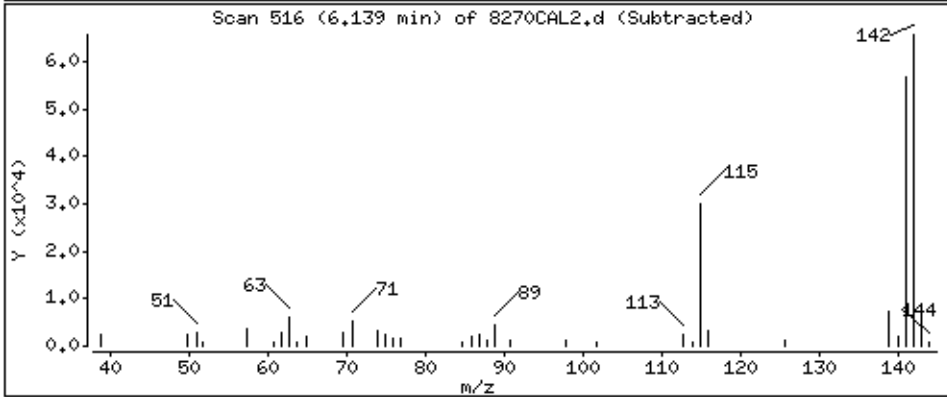
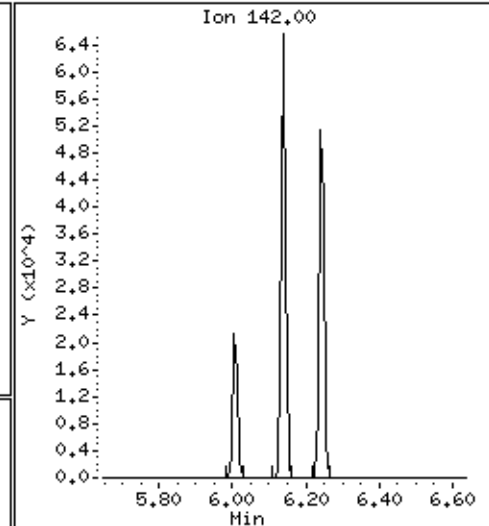
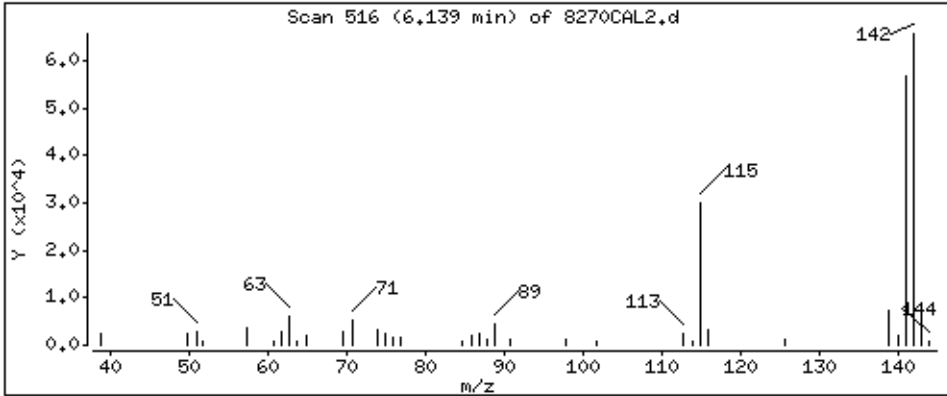
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

53 2-Methylnaphthalene

Concentration: 9,6 ug/kg



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

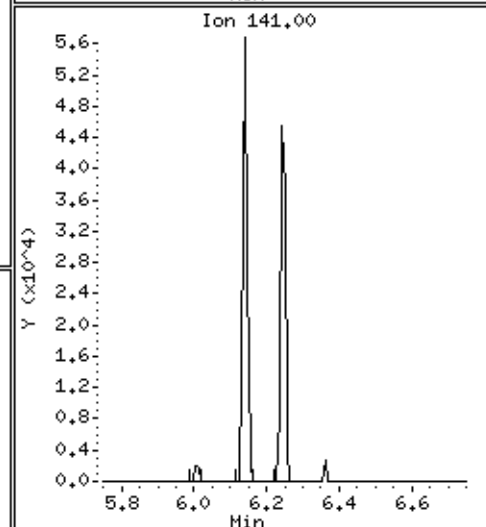
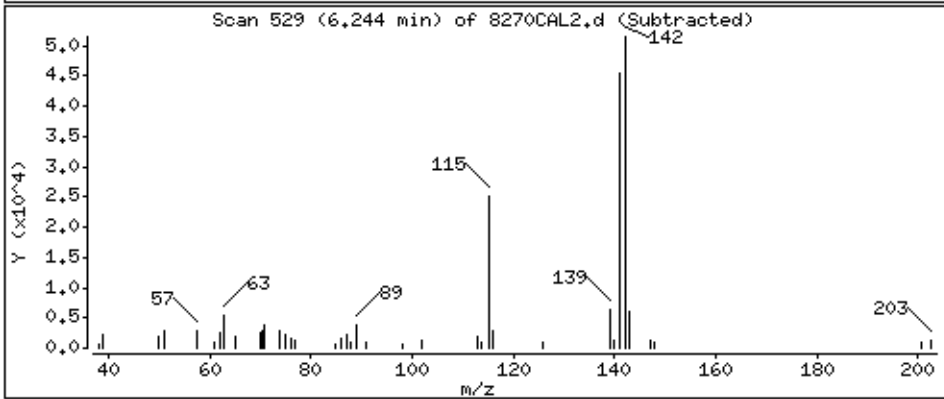
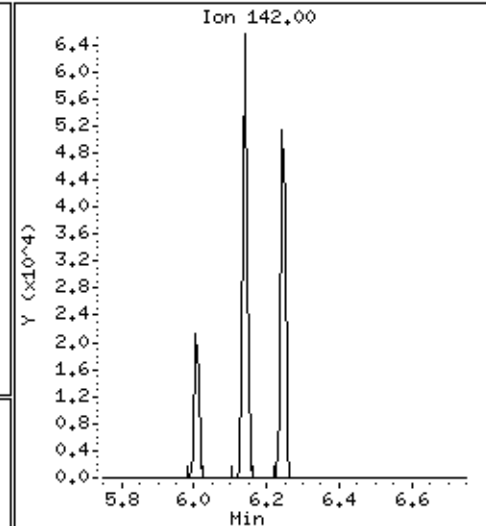
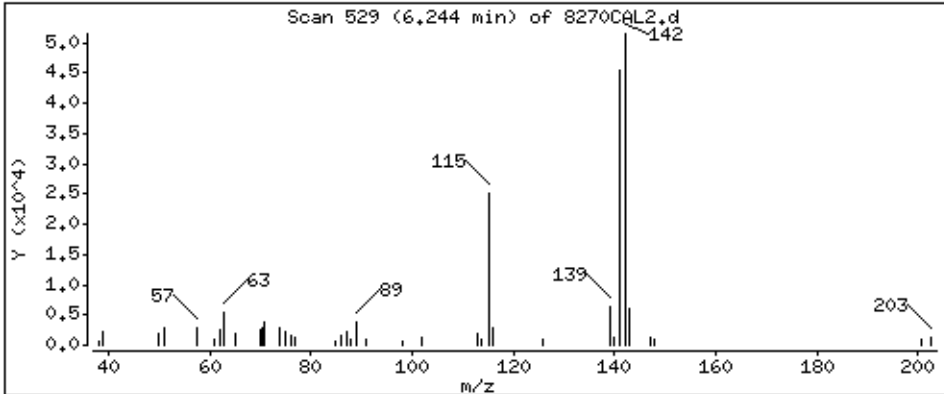
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

54 1-Methylnaphthalene

Concentration: 9,6 ug/kg





Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

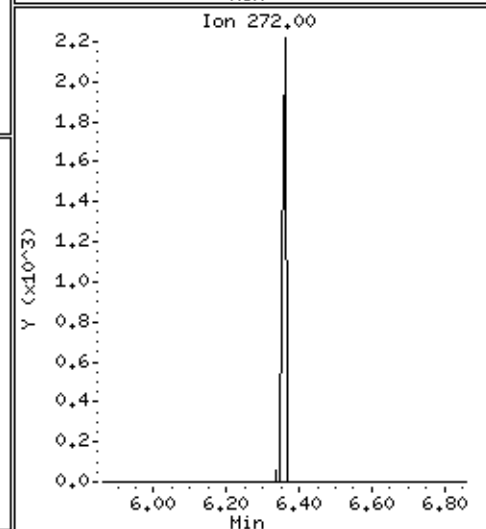
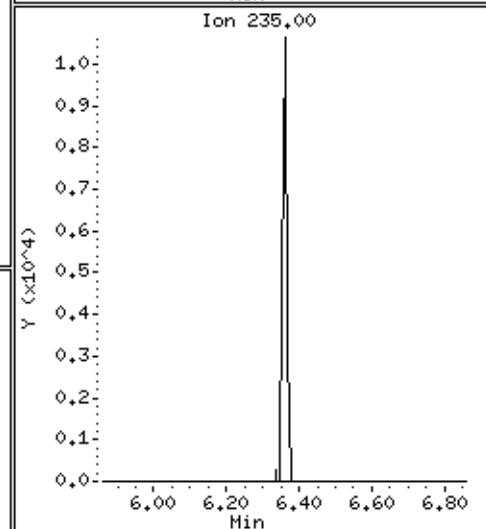
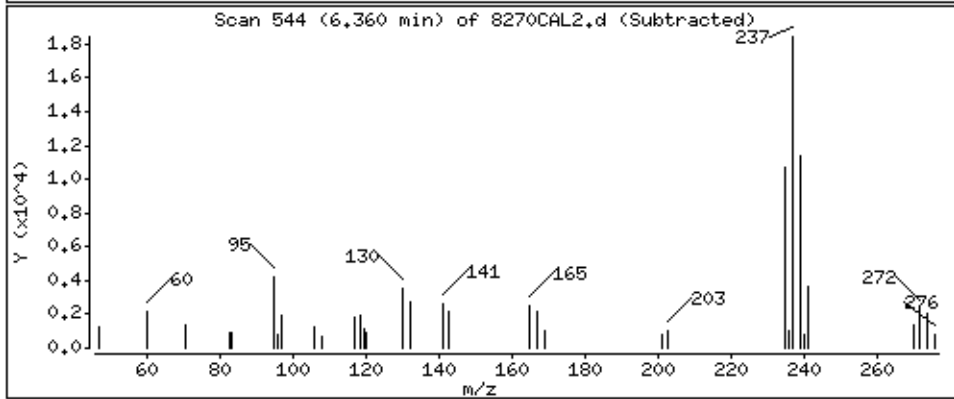
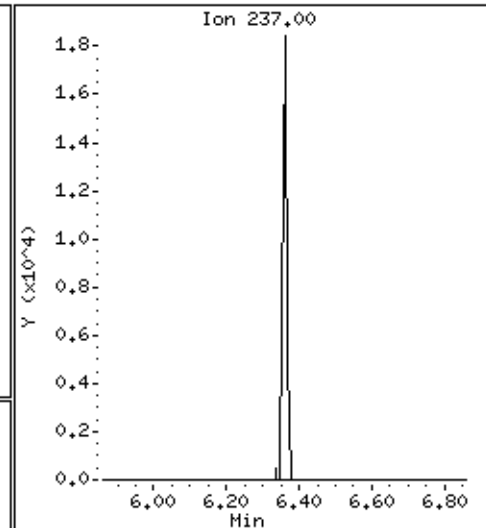
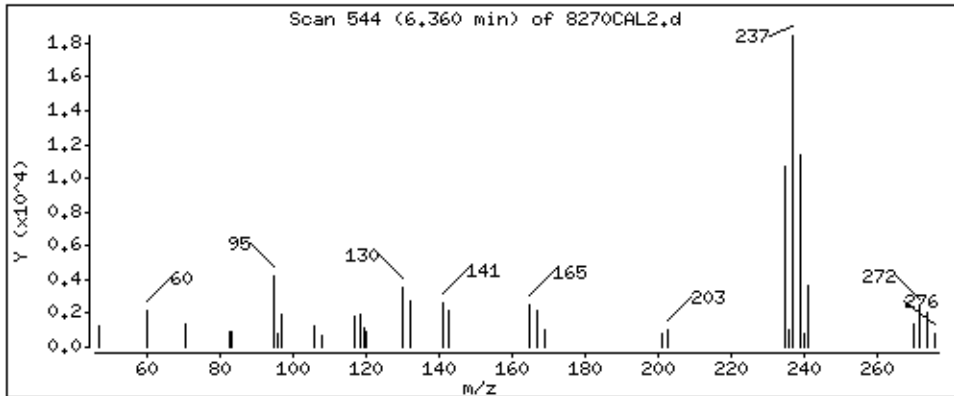
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

55 Hexachlorocyclopentadiene

Concentration: 12,7 ug/kg



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

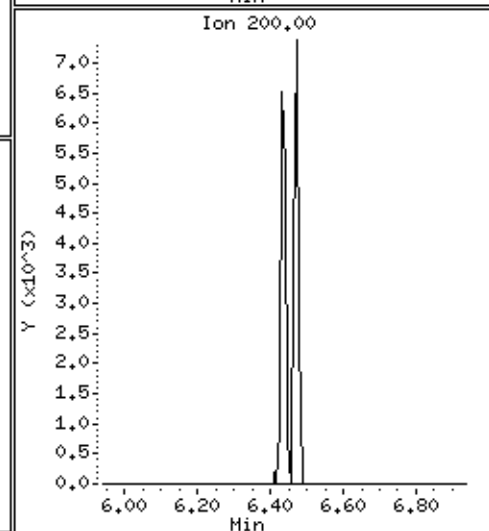
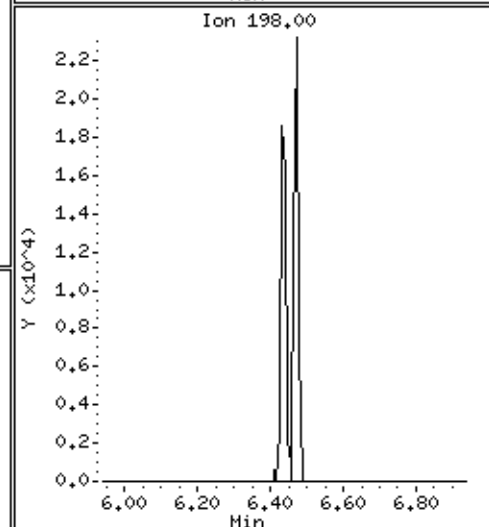
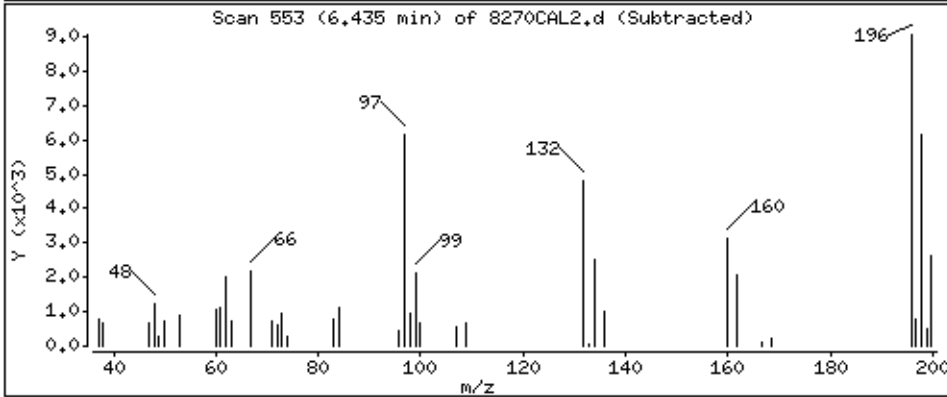
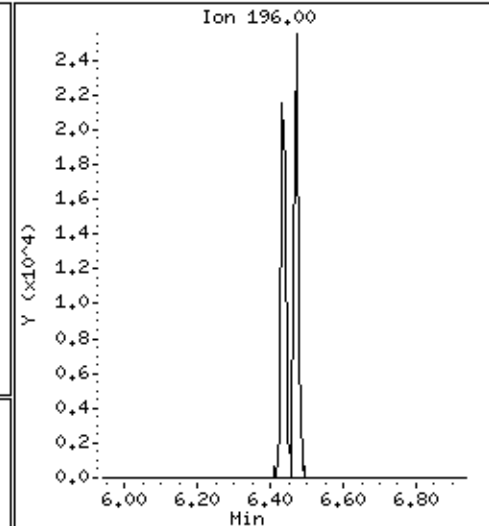
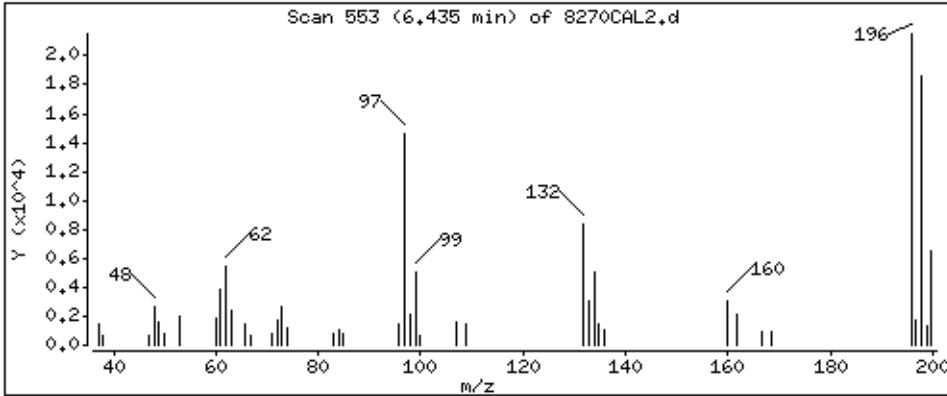
Operator: MJ

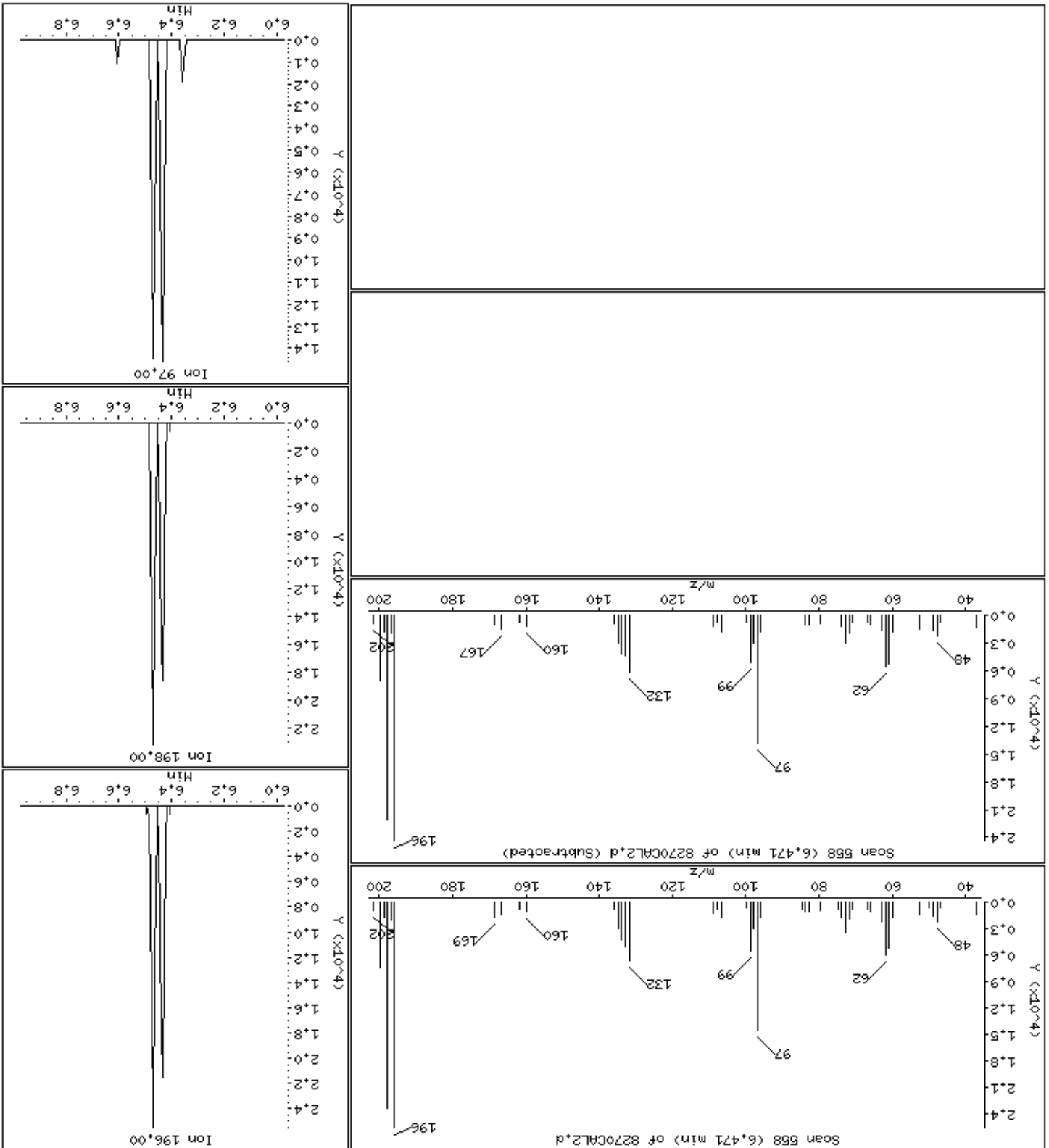
Column phase: HPMS-5

Column diameter: 0,25

57 2,4,6-Trichlorophenol

Concentration: 9,9 ug/kg





Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

Operator: MJ

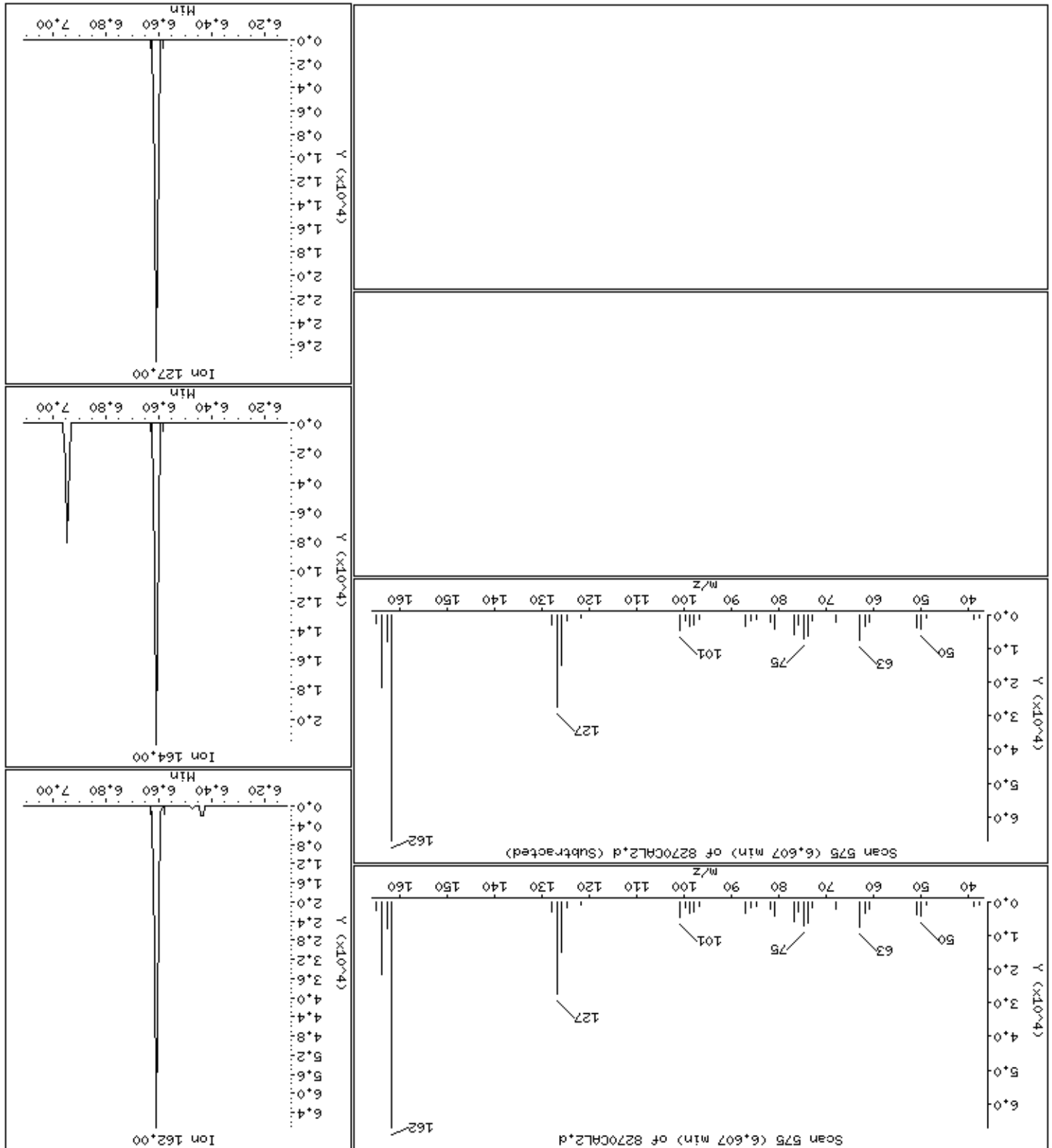
Column diameter: 0.25

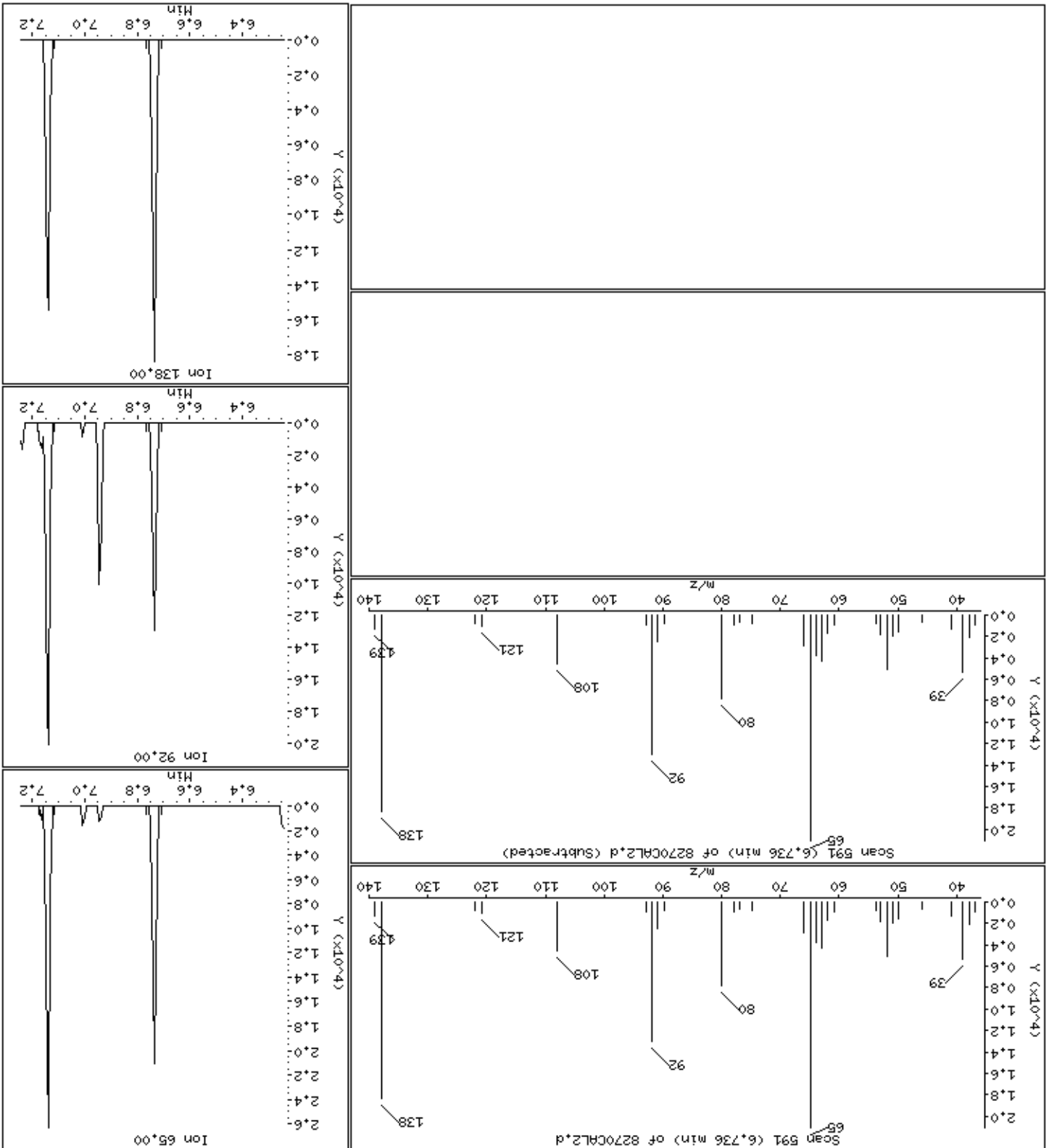
Concentration: 9.6 ug/kg

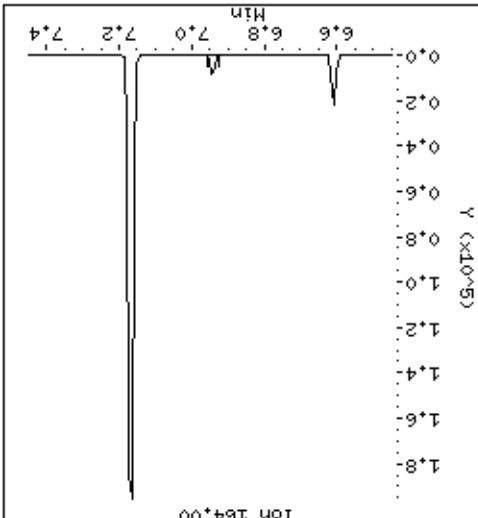
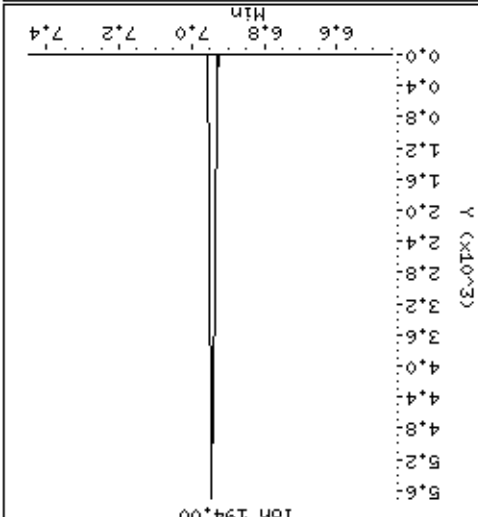
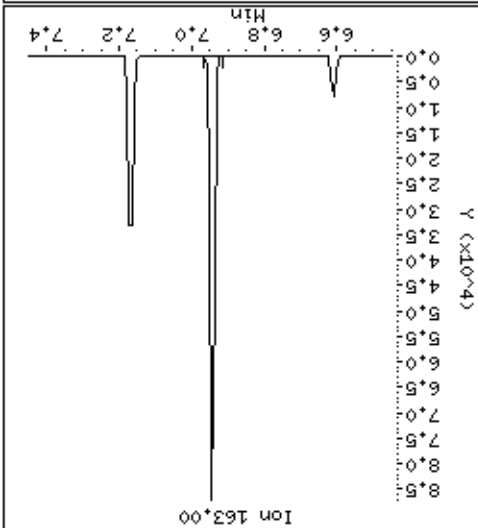
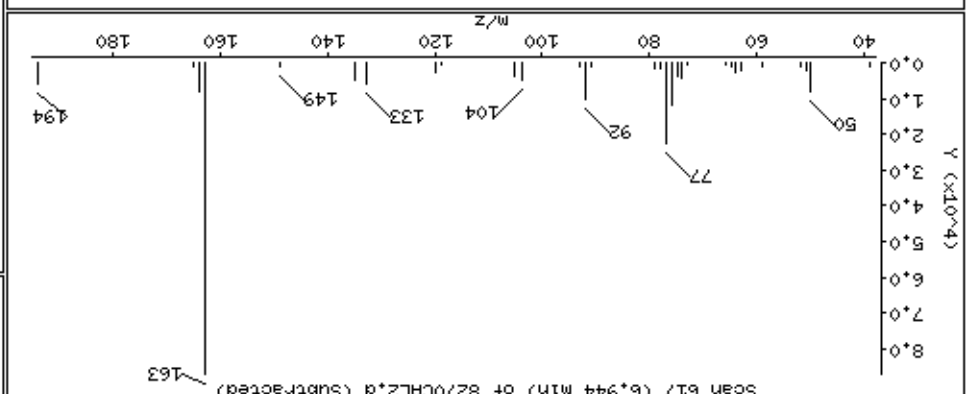
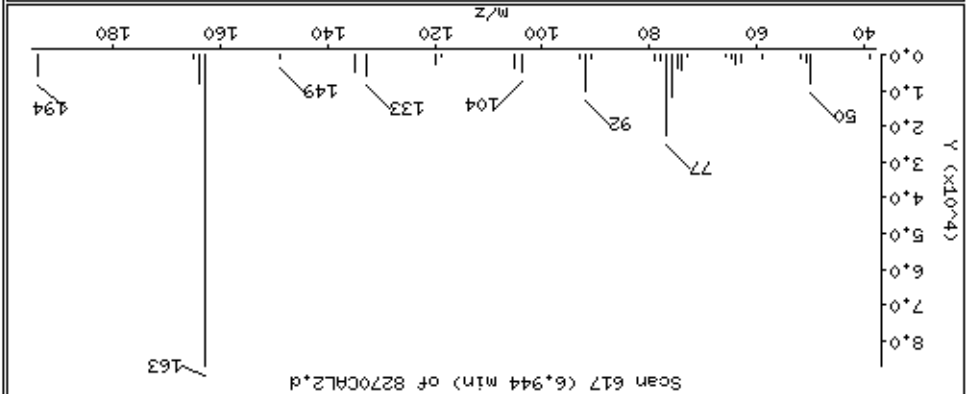
Instrument: smsd04.1

62-2-Chloronaphthalene

Column phase: HPMS-5







Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

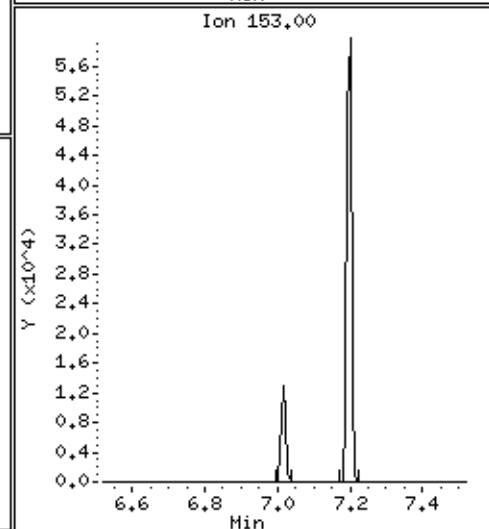
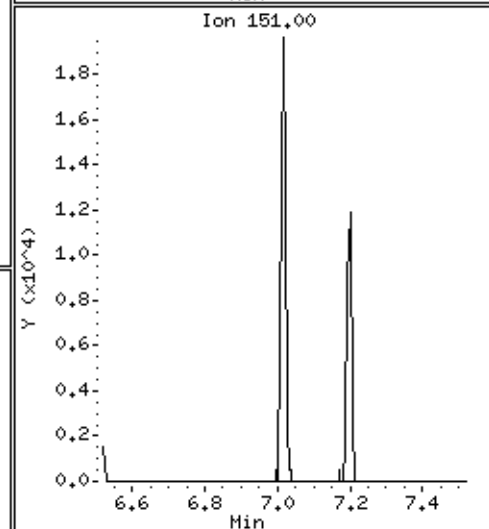
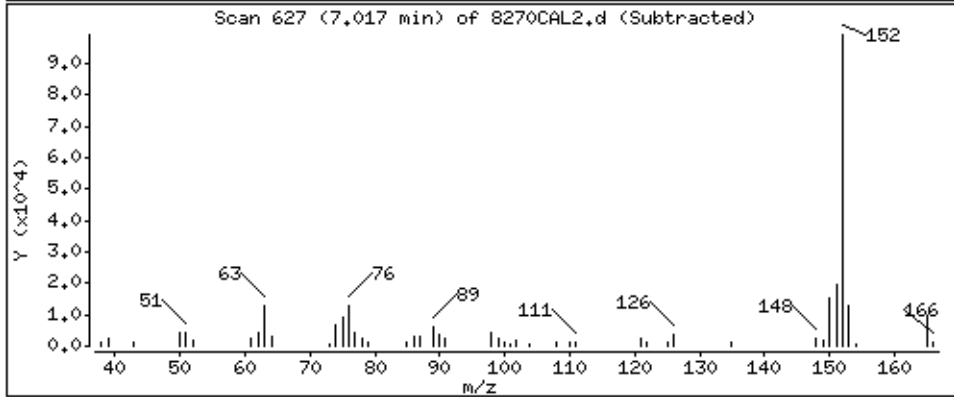
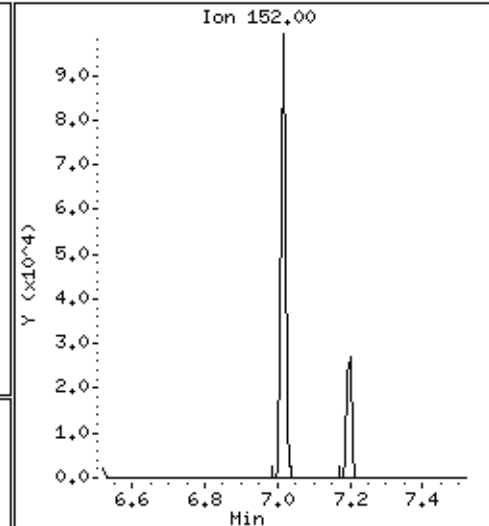
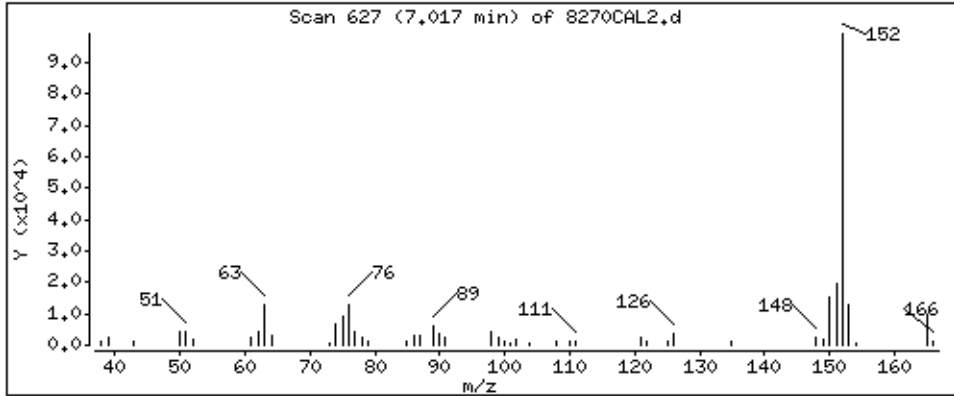
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

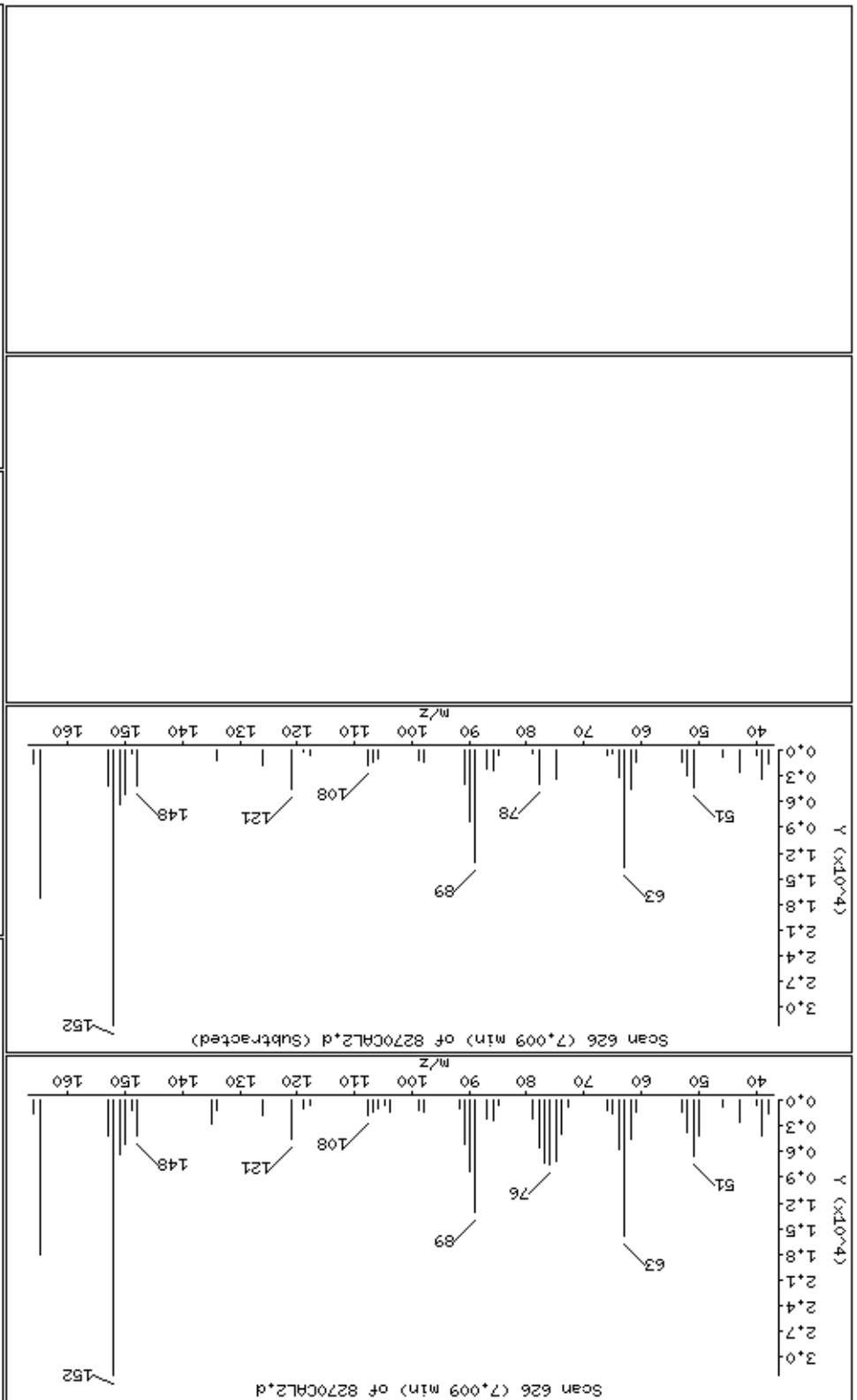
68 Acenaphthylene

Concentration: 9,3 ug/kg



67 2,6-Dinitrotoluene

Column phase: HPMS-5



Ion 63.00

Ion 89.00

Ion 165.00



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

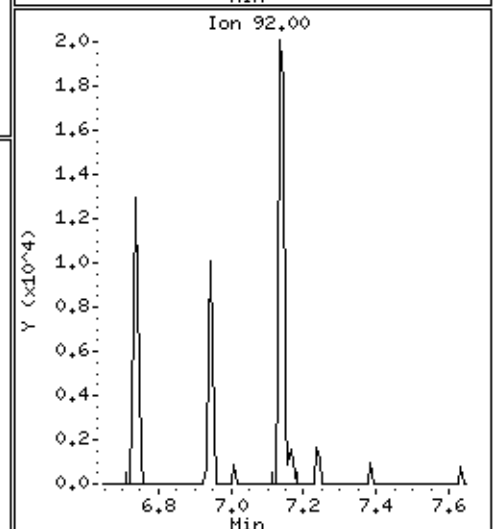
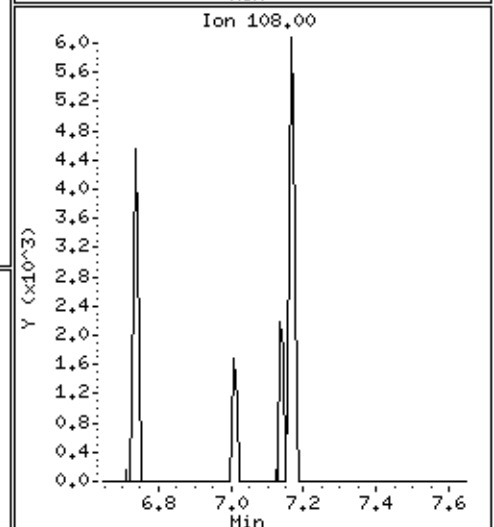
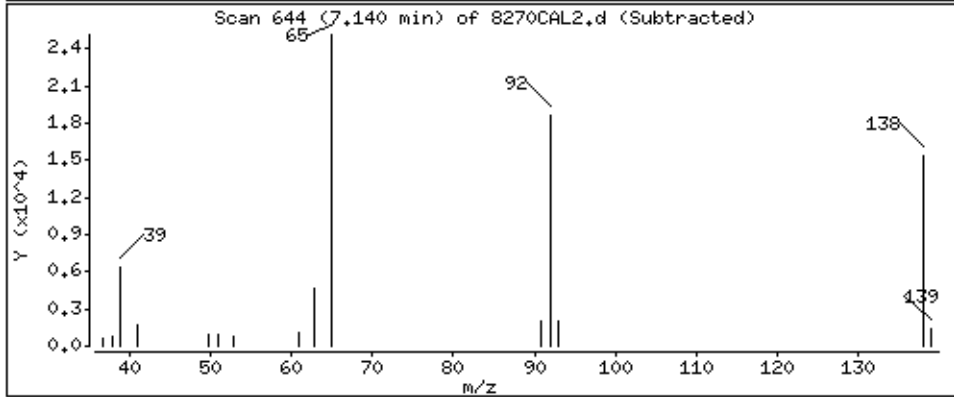
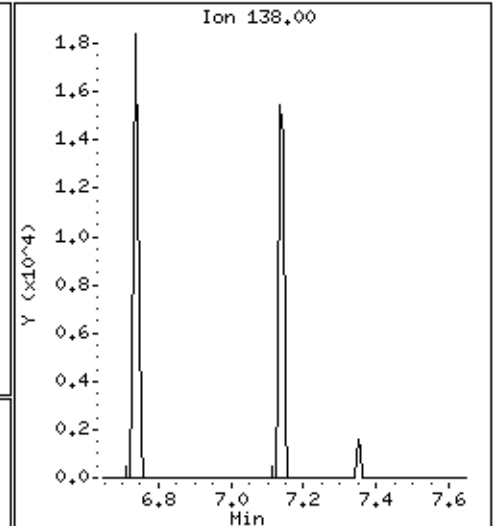
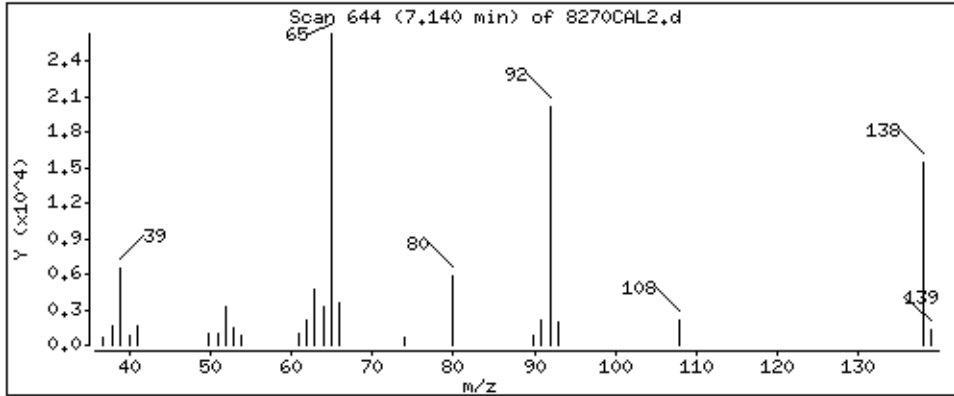
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

69 3-Nitroaniline

Concentration: 10 ug/kg



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

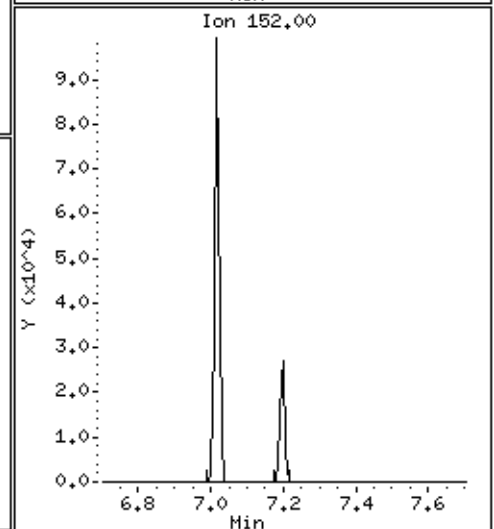
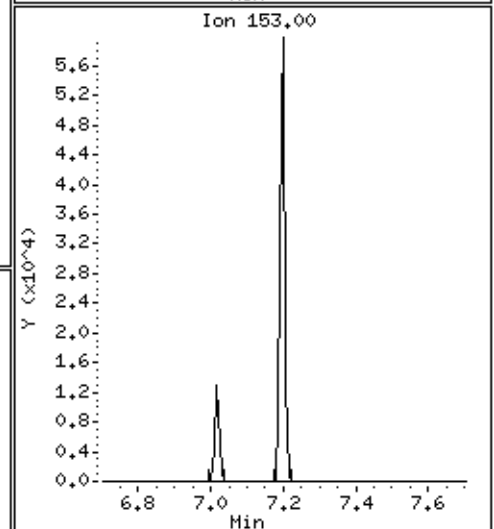
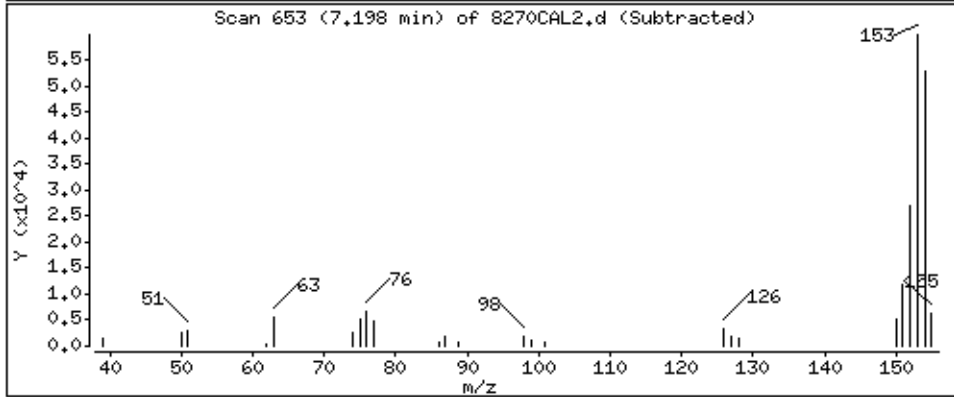
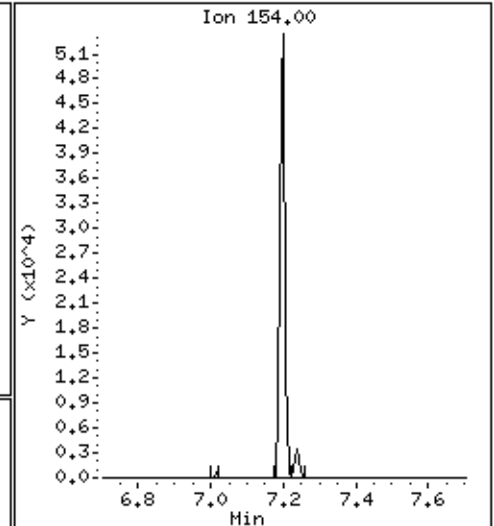
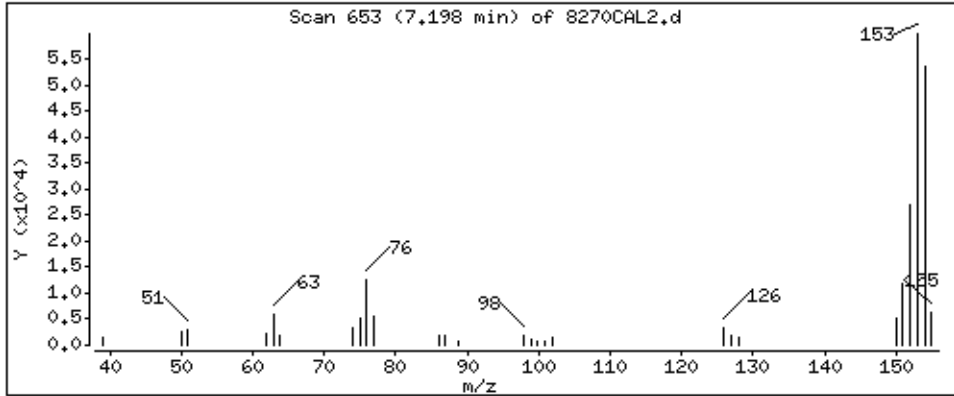
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

71 Acenaphthene

Concentration: 9,6 ug/kg



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

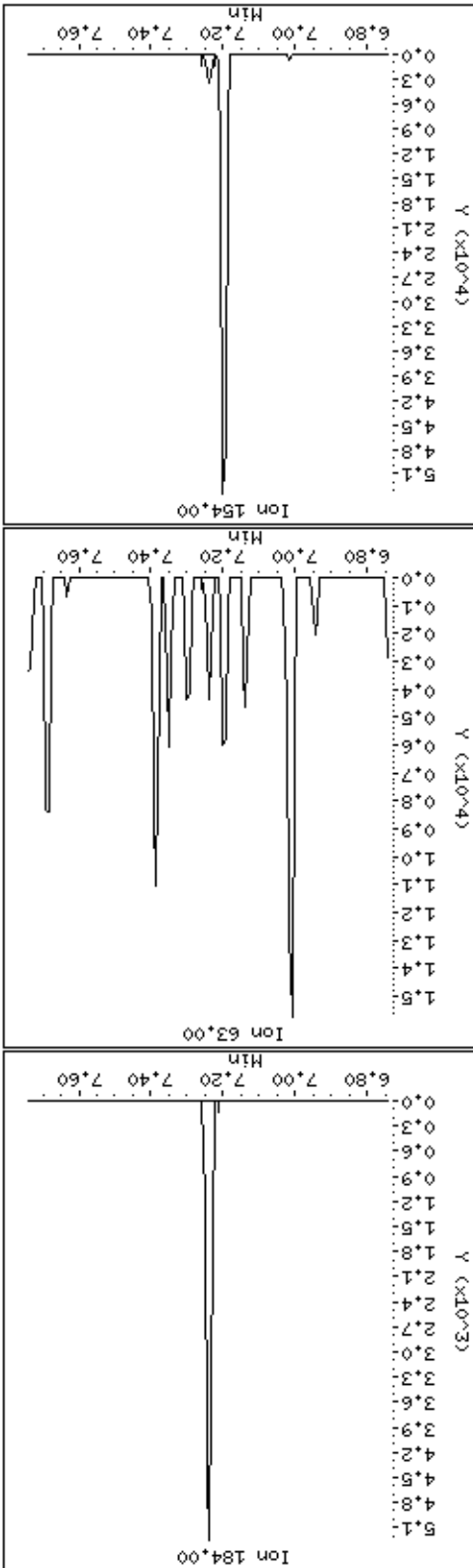
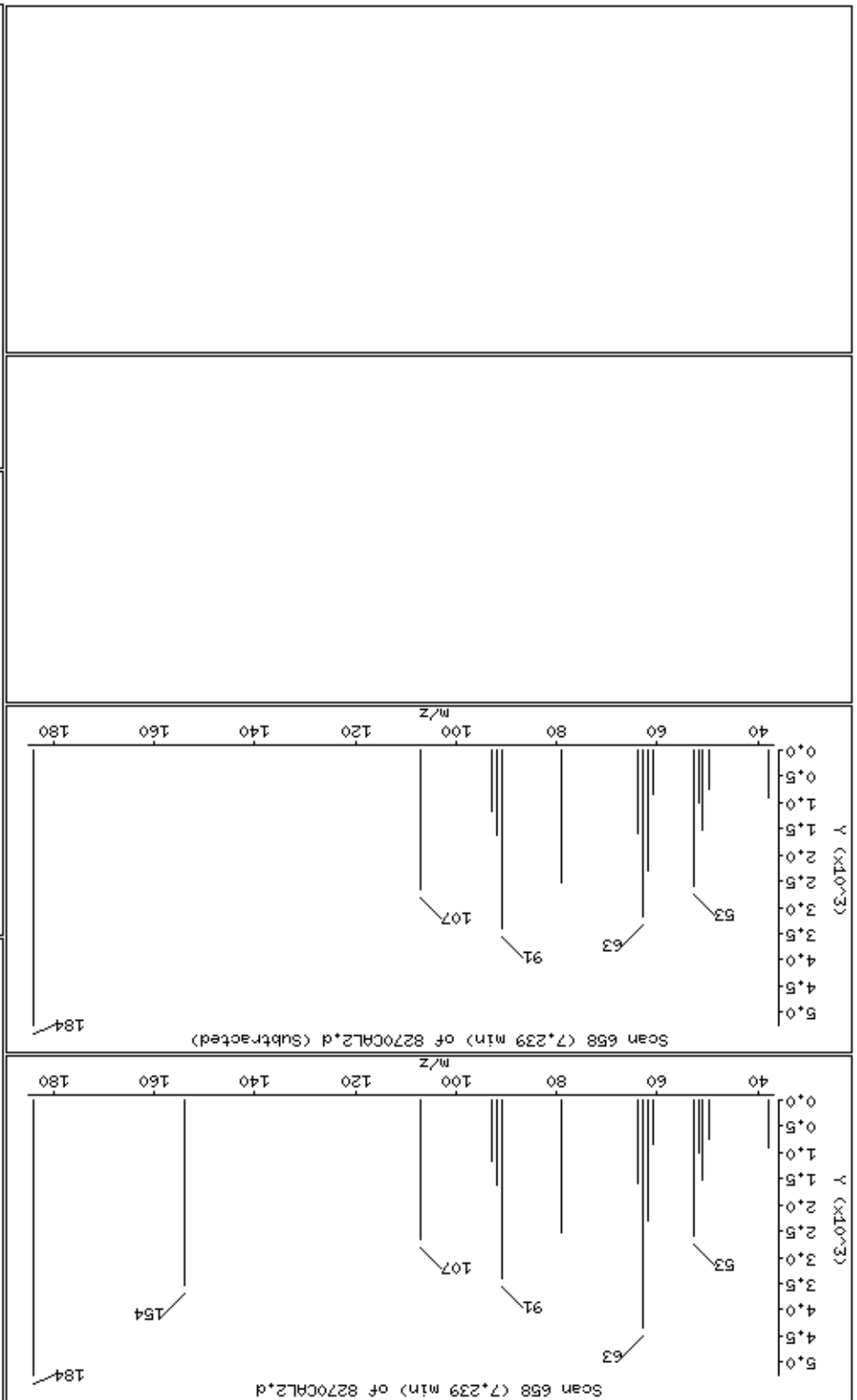
Operator: MJ

Column diameter: 0.25

Concentration: 14.0 ug/kg

72 2,4-Dinitrophenol

Instrument: smsd04.1



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

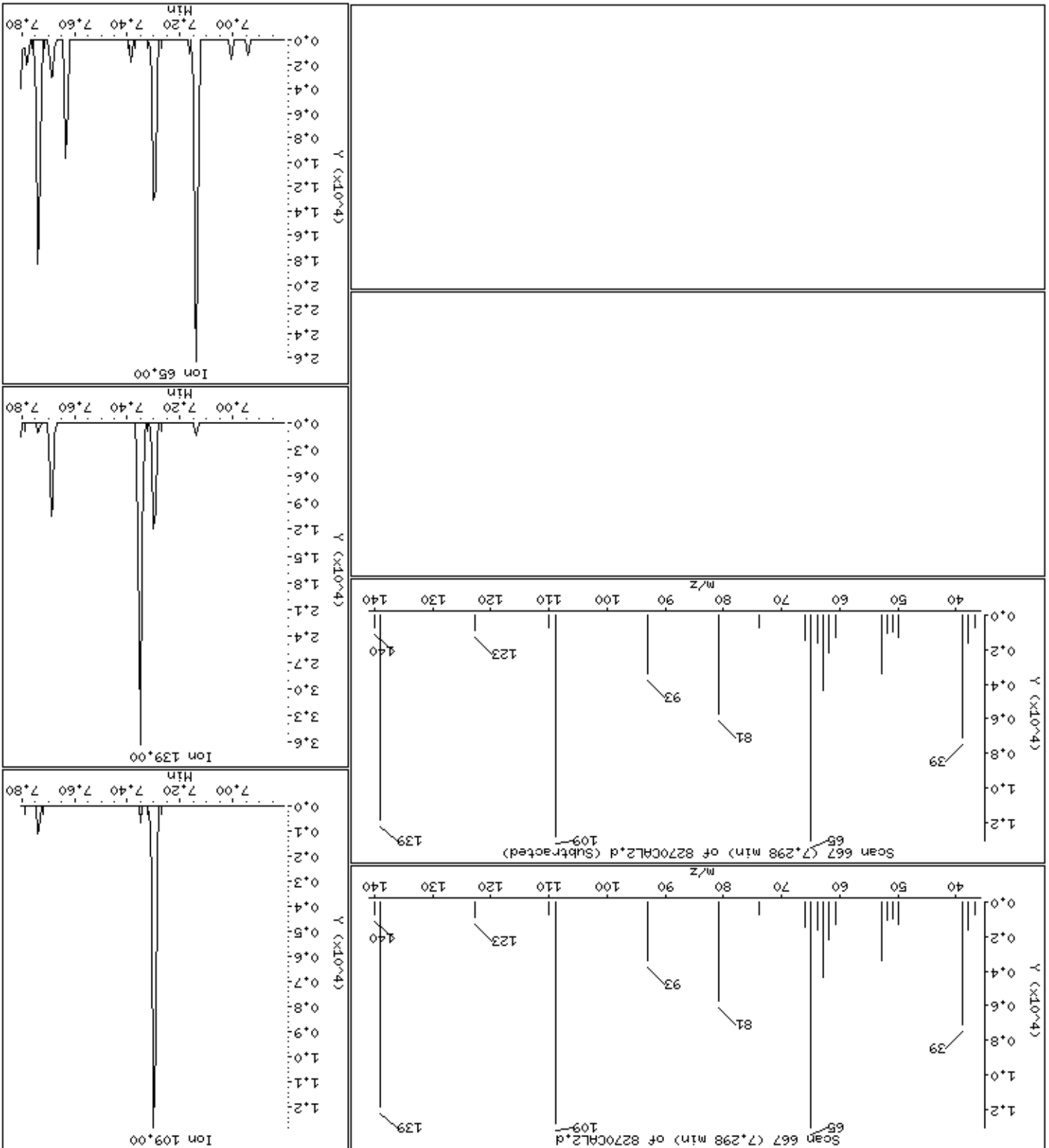
Sample Info: 47768

Operator: MJ

Column diameter: 0.25

Concentration: 9.0 ug/kg

74-4-Nitrophenol



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

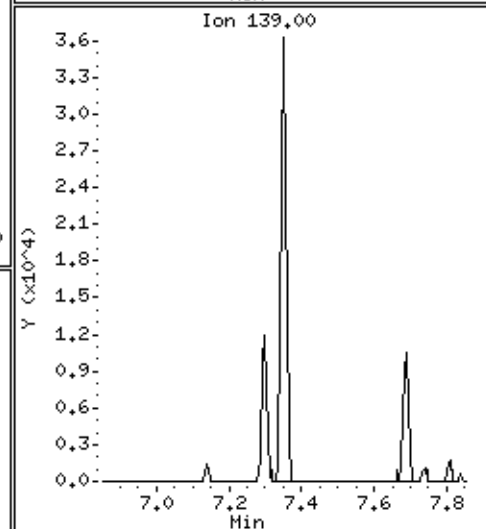
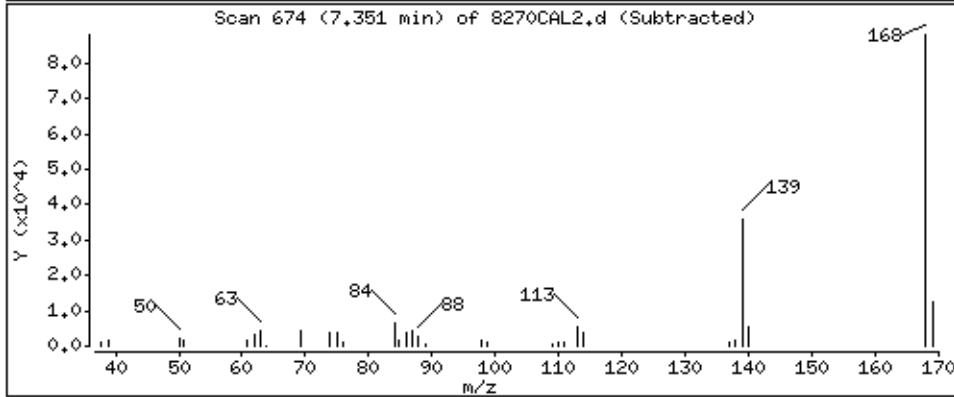
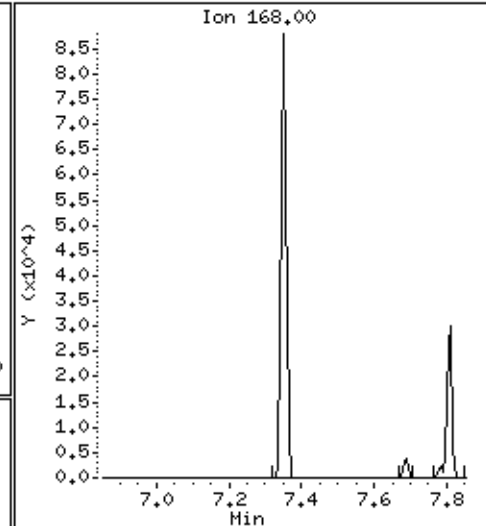
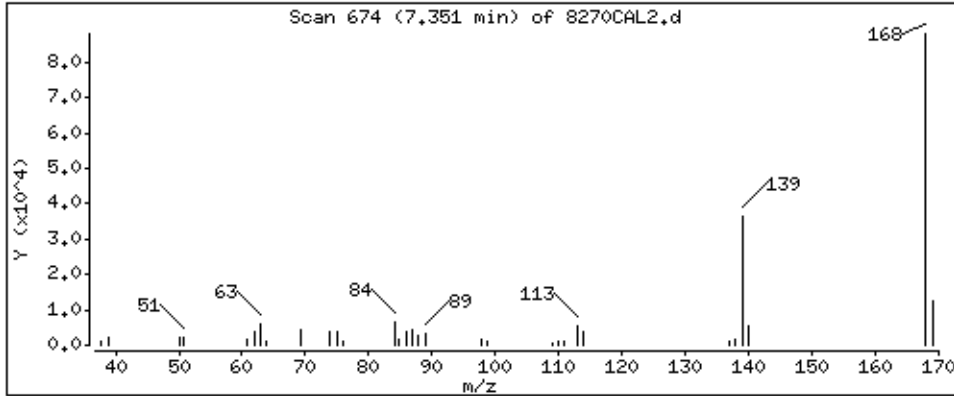
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

75 Dibenzofuran

Concentration: 9,5 ug/kg



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

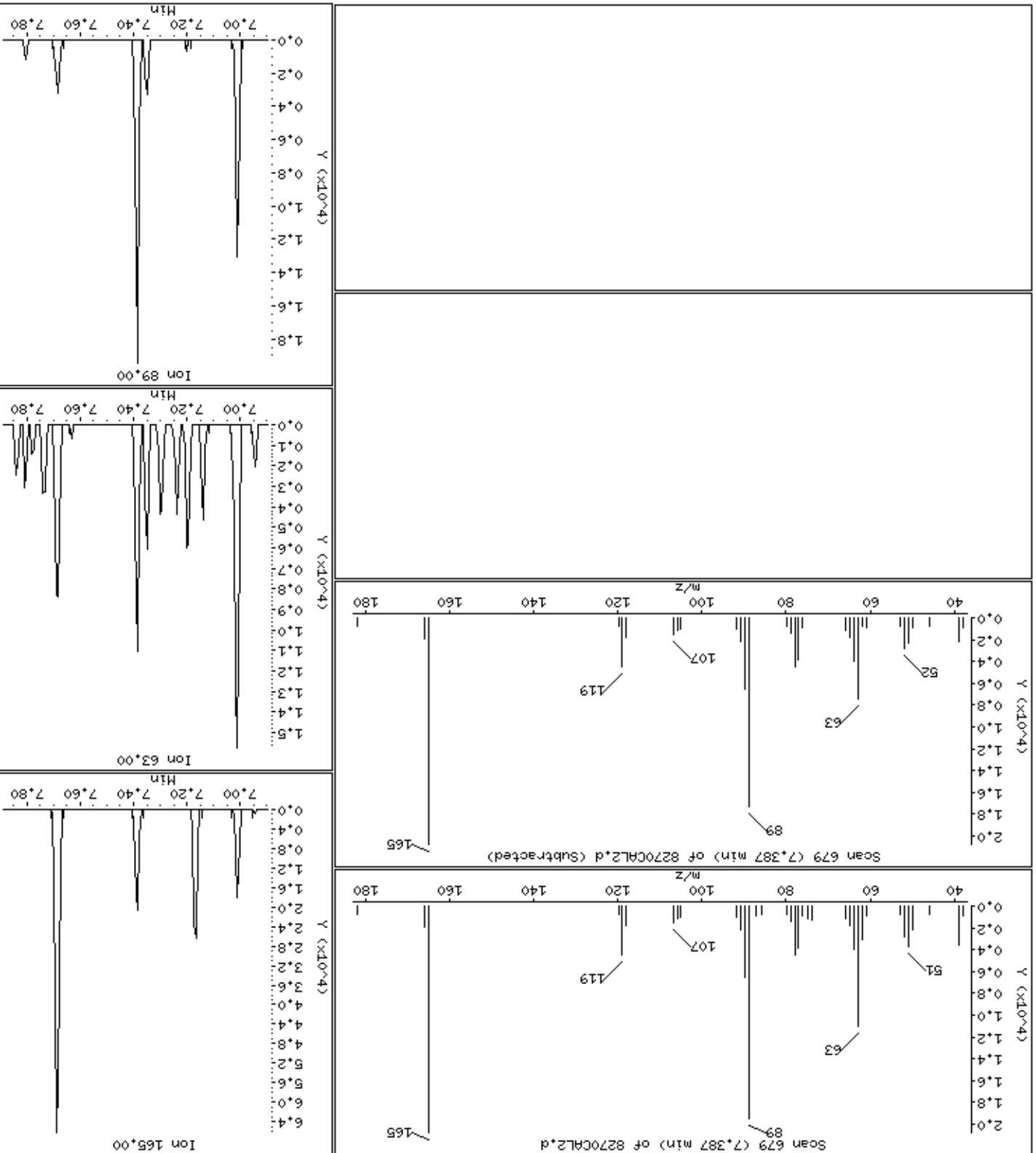
Operator: MJ

Column diameter: 0.25

Concentration: 9.5 ug/kg

76 2,4-Dinitrotoluene

Column phase: HPMS-5



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

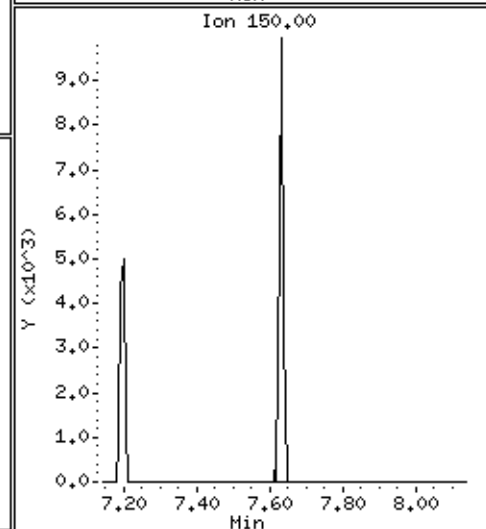
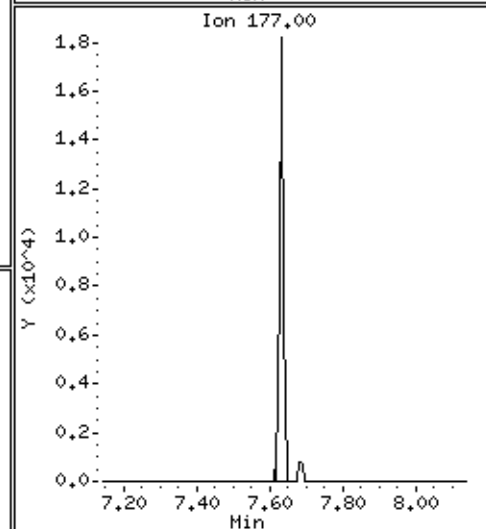
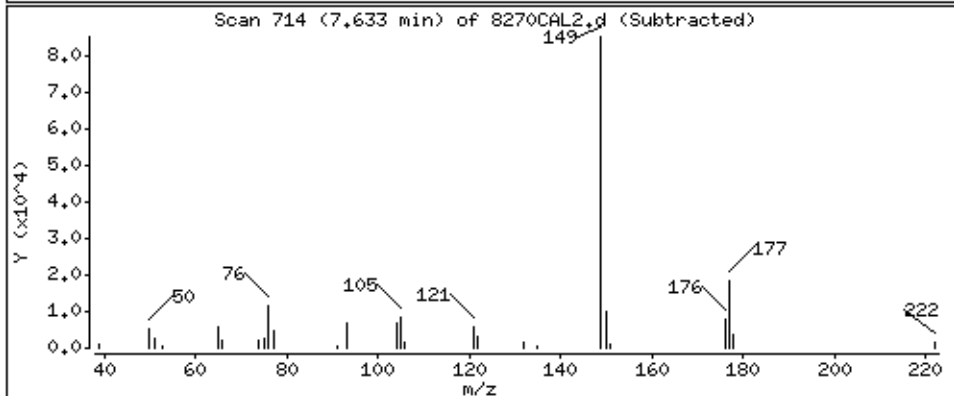
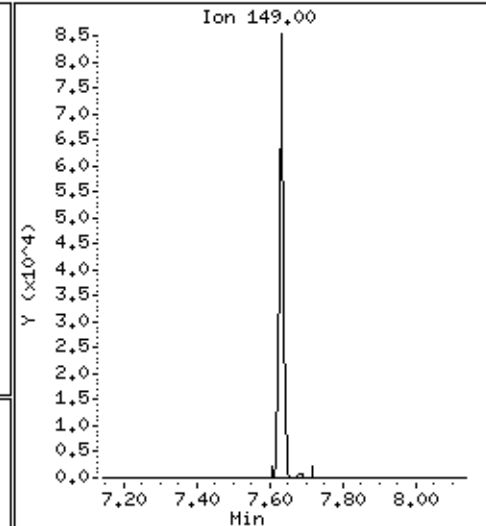
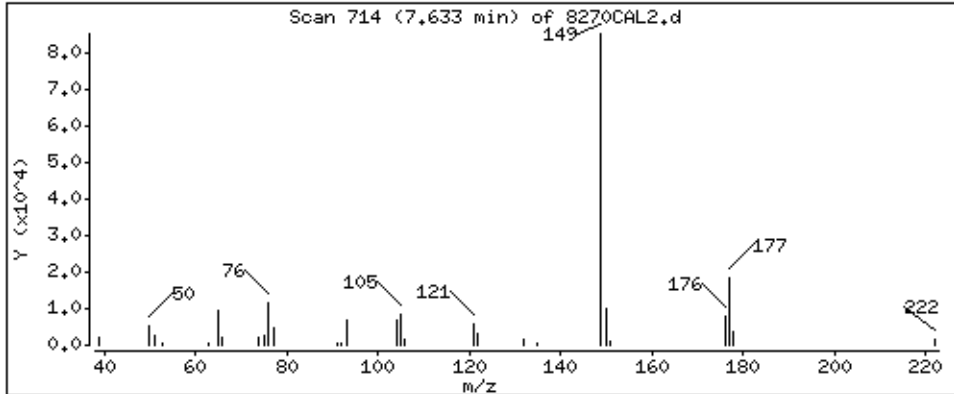
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

80 Diethylphthalate

Concentration: 9,8 ug/kg



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

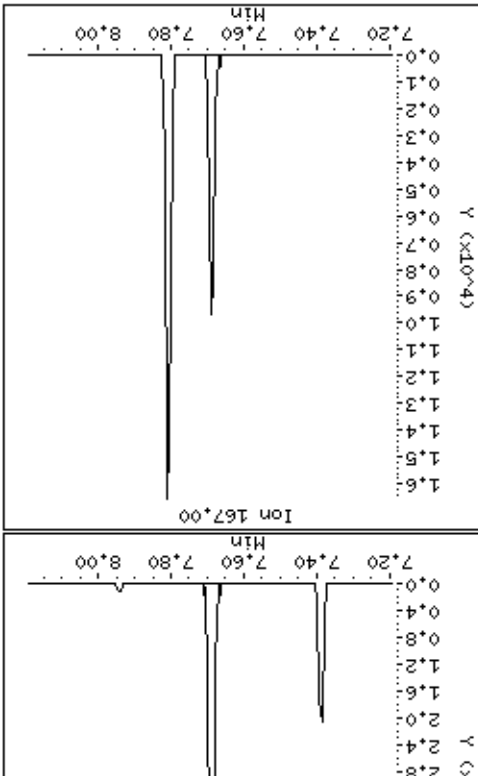
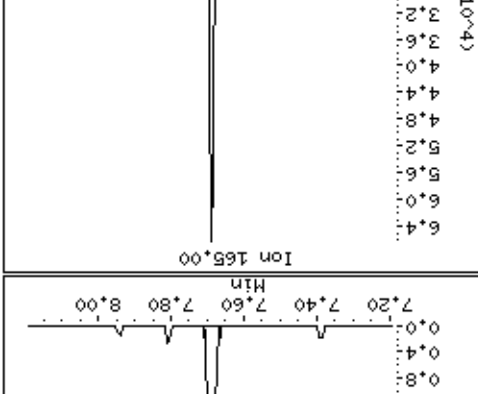
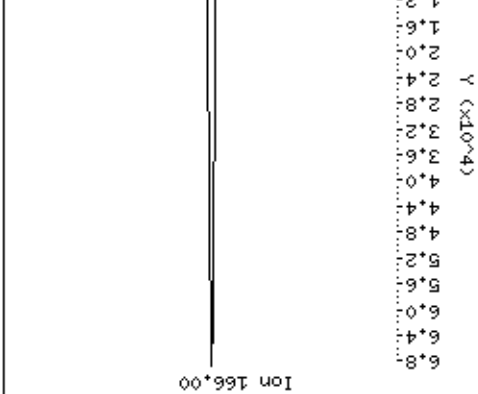
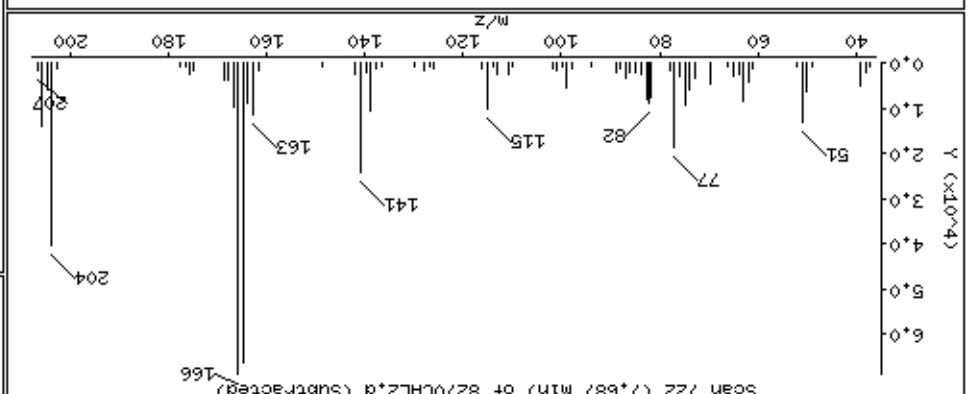
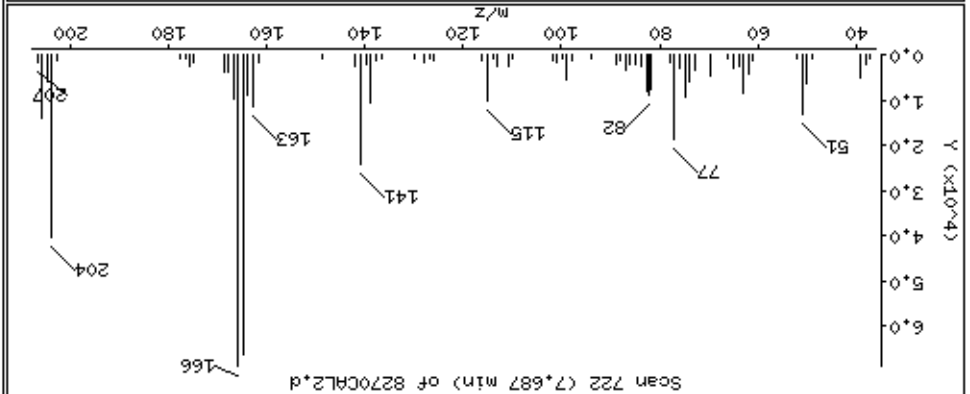
Sample Info: 4768

Operator: MJ

Column diameter: 0.25

Concentration: 9.2 ug/kg

81 Fluorene





Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

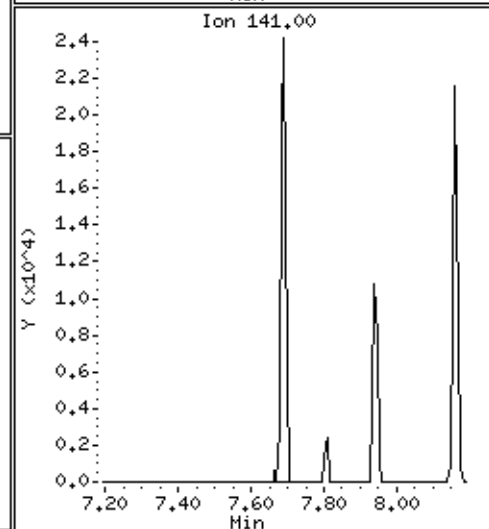
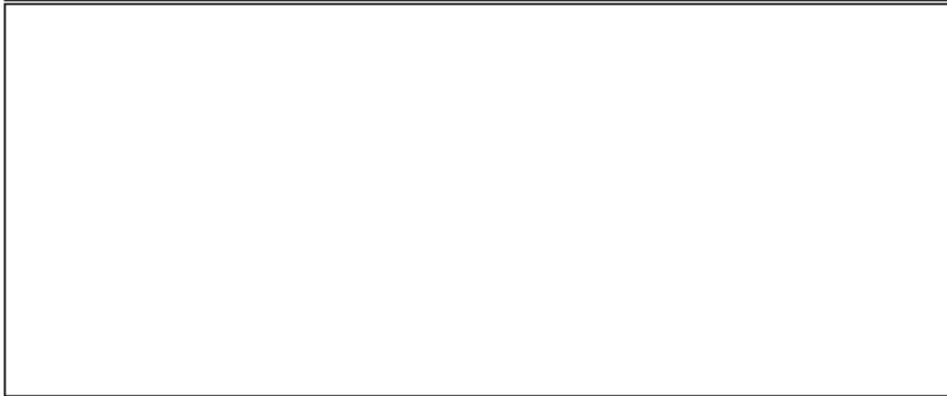
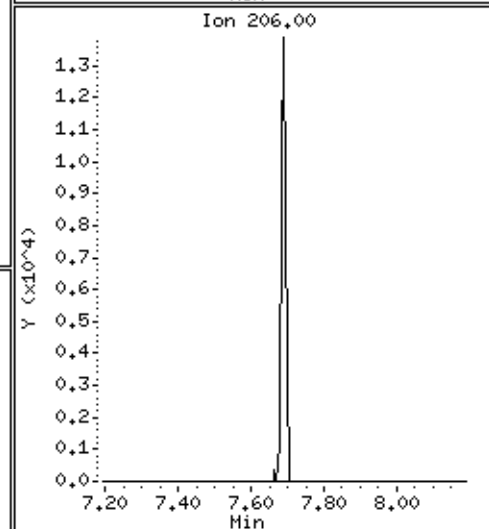
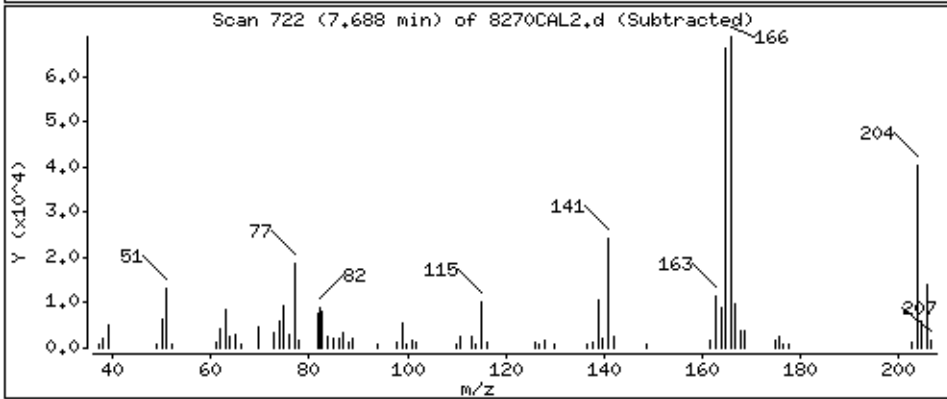
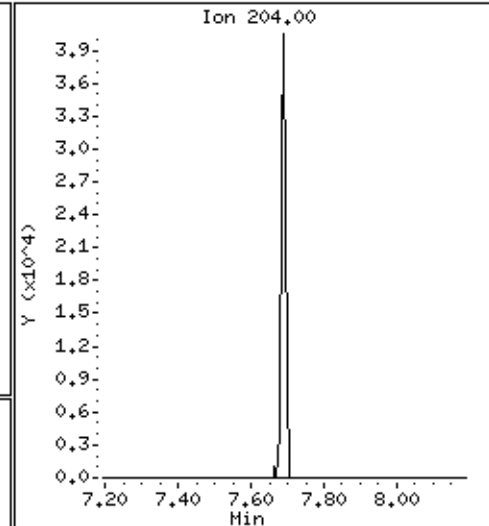
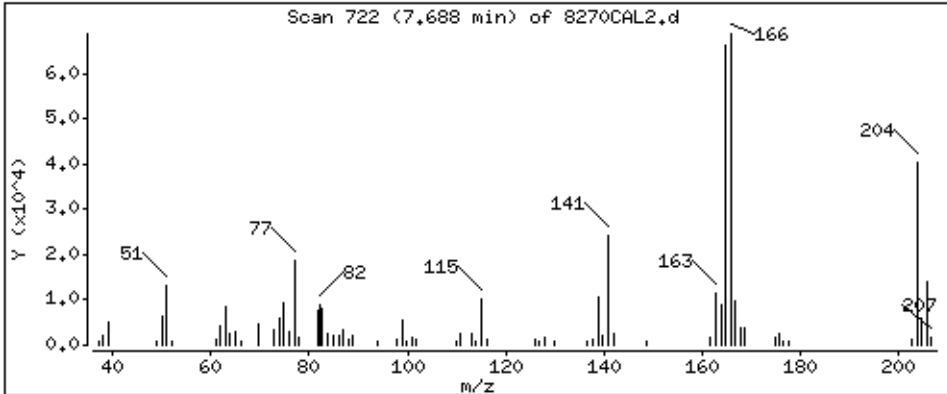
Operator: MJ

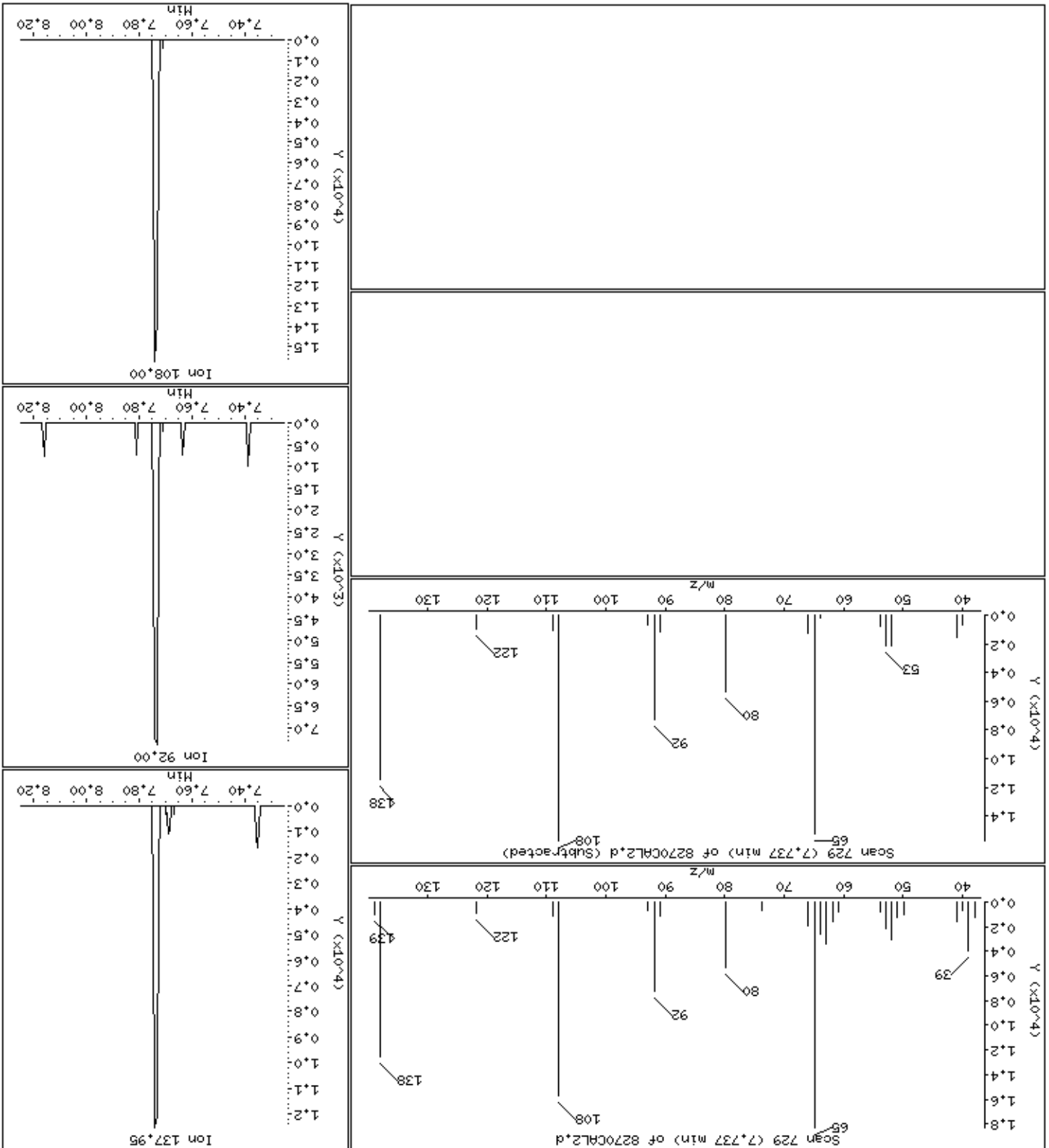
Column phase: HPMS-5

Column diameter: 0,25

82 4-Chlorophenyl-phenylether

Concentration: 9,0 ug/kg





Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

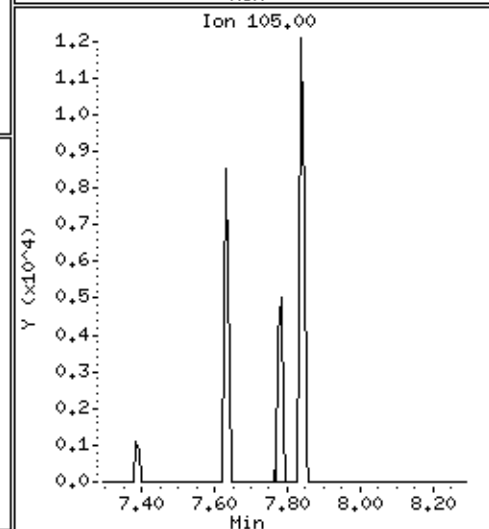
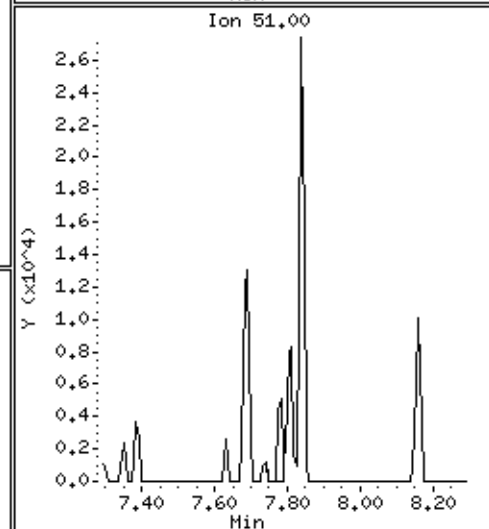
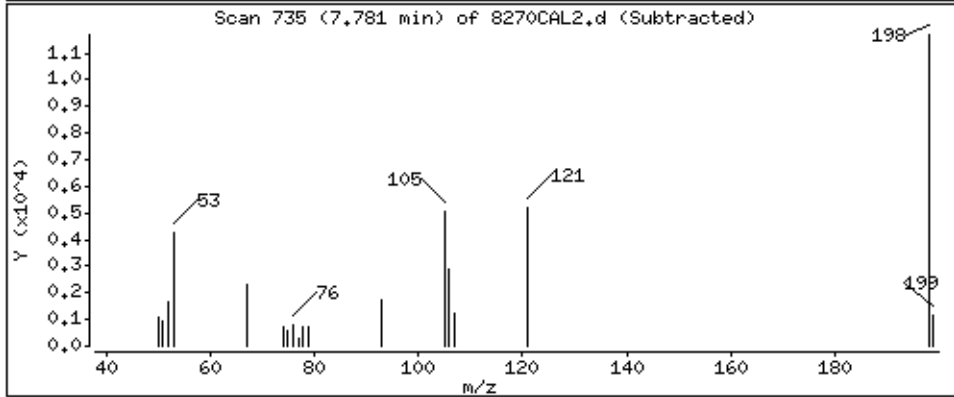
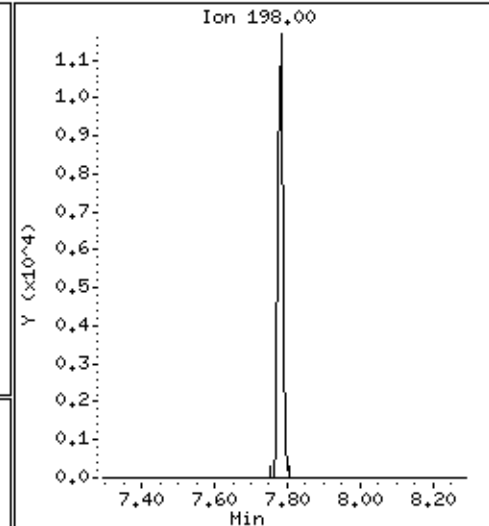
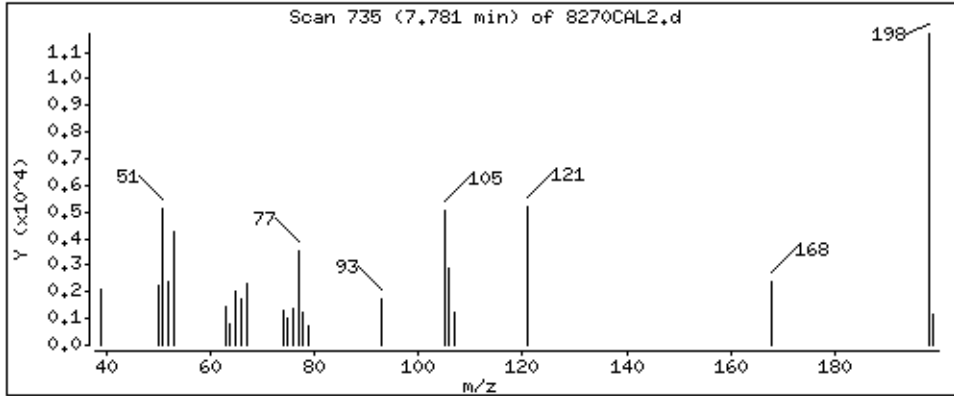
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

85 4,6-Dinitro-2-methylphenol

Concentration: 7.7 ug/kg



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

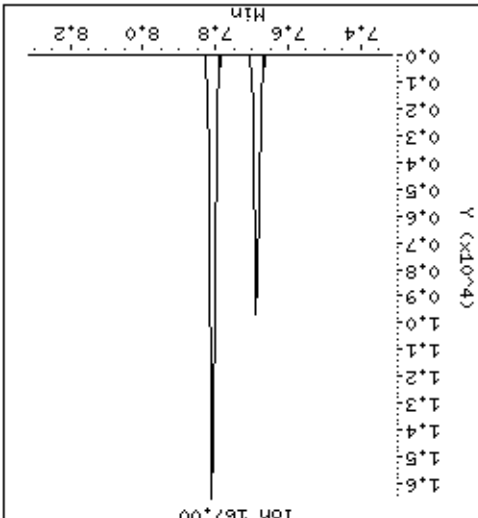
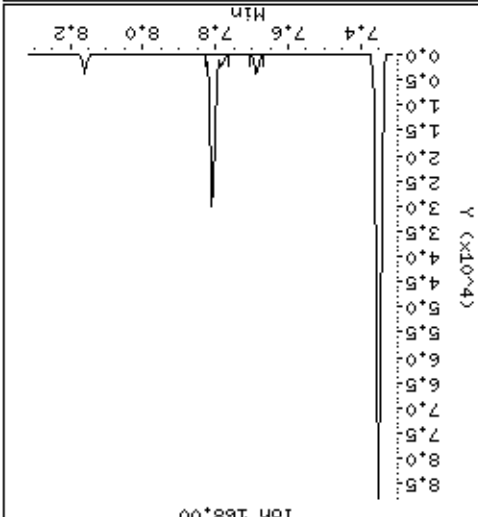
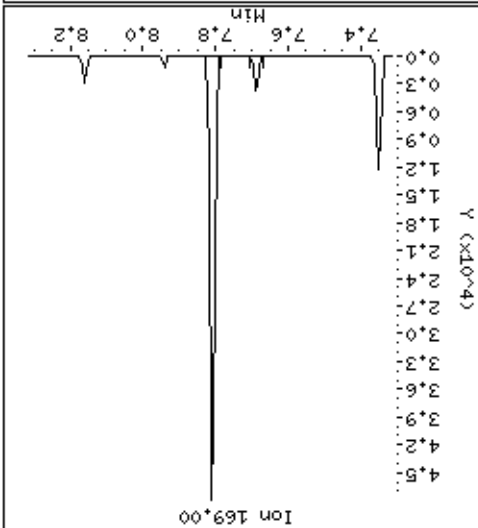
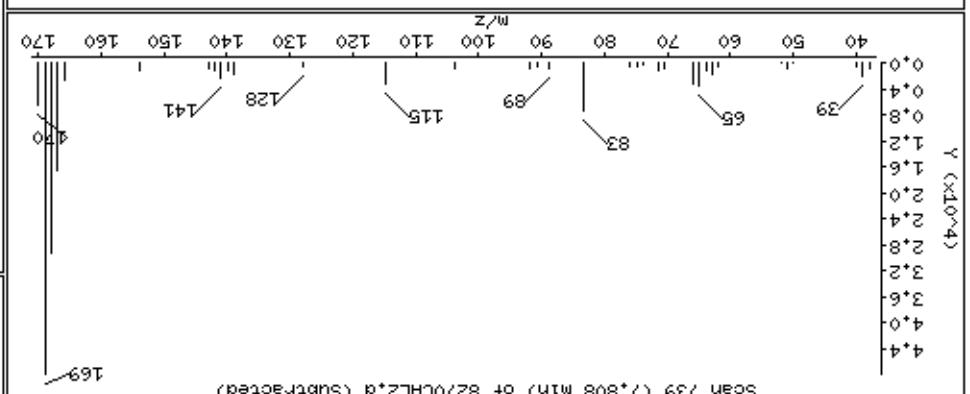
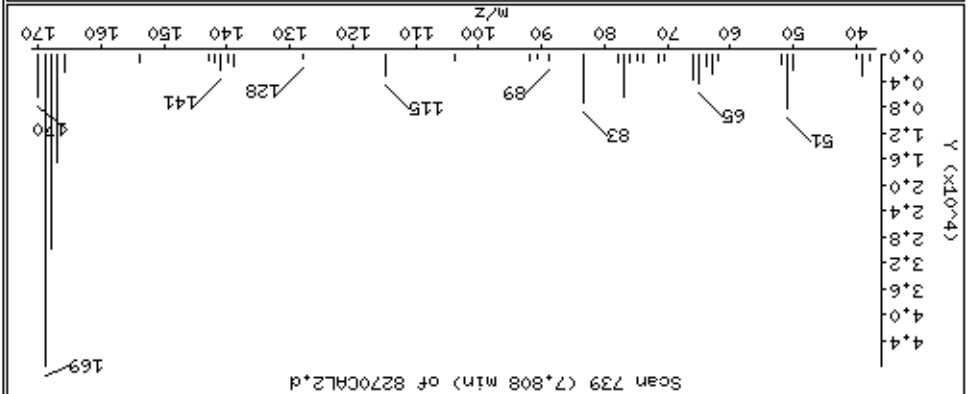
Operator: MJ

Column diameter: 0.25

Concentration: 9.7 ug/kg

86 N-Nitrosodiphenylamine

Instrument: smsd04.1



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

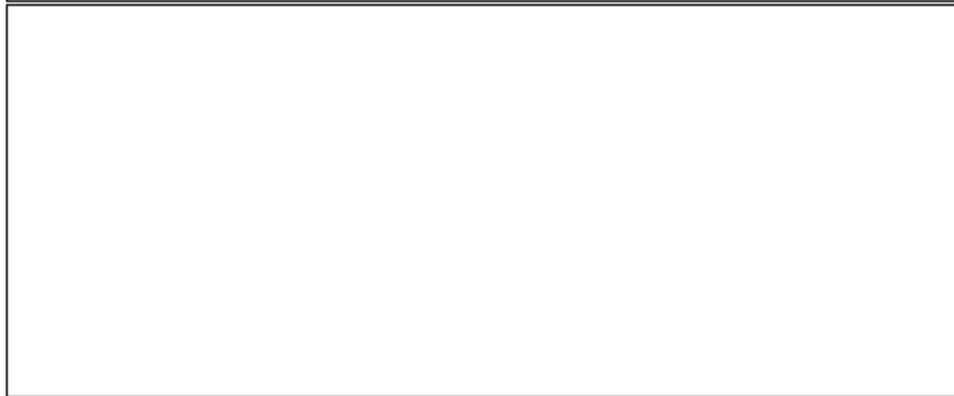
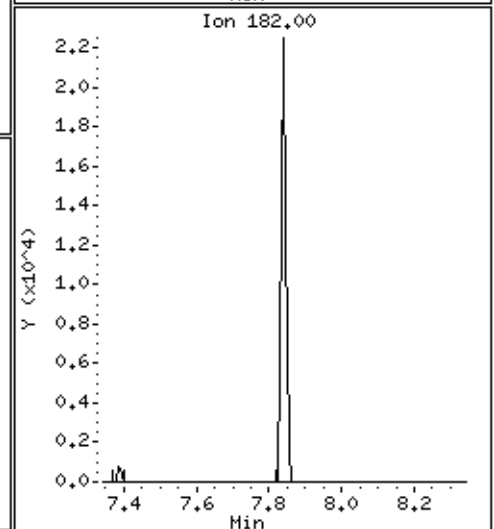
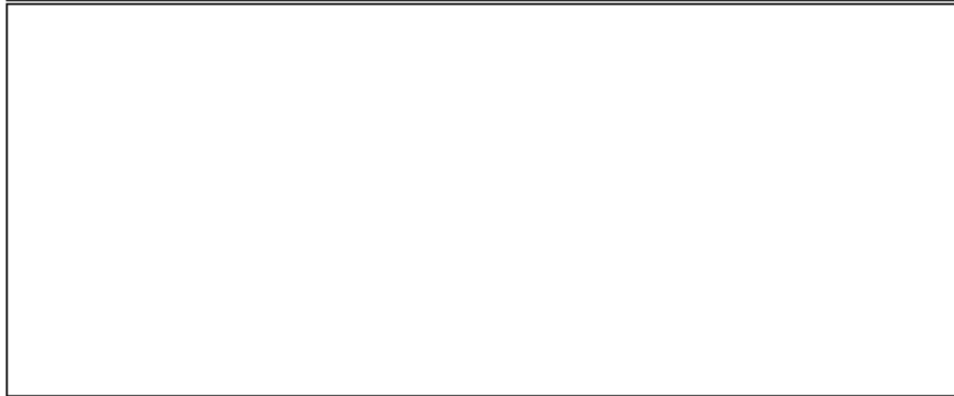
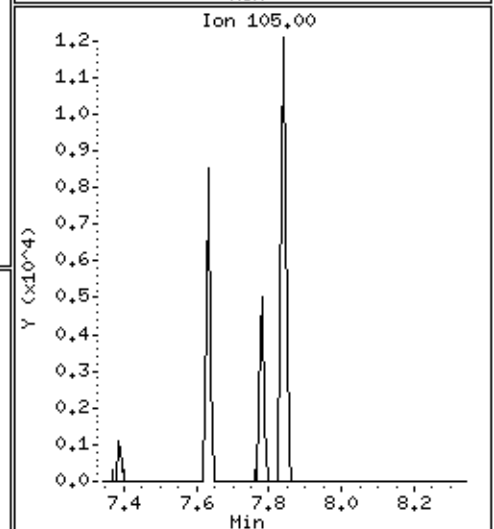
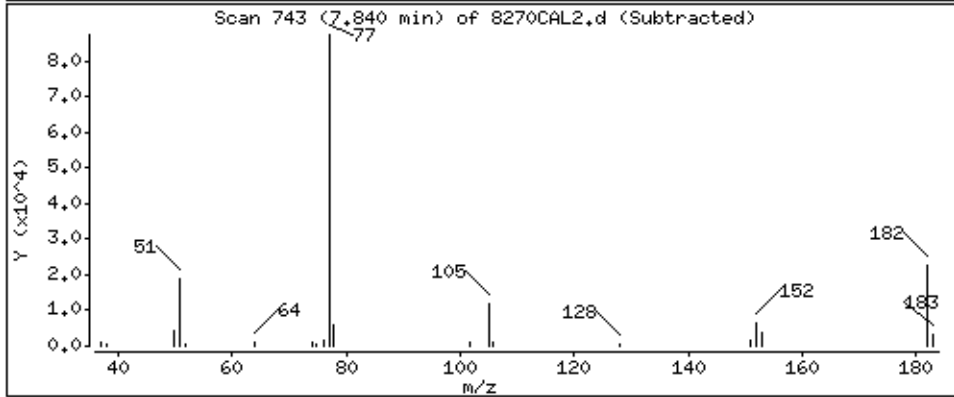
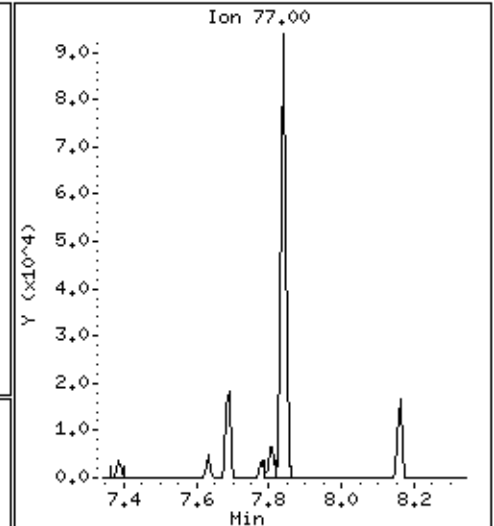
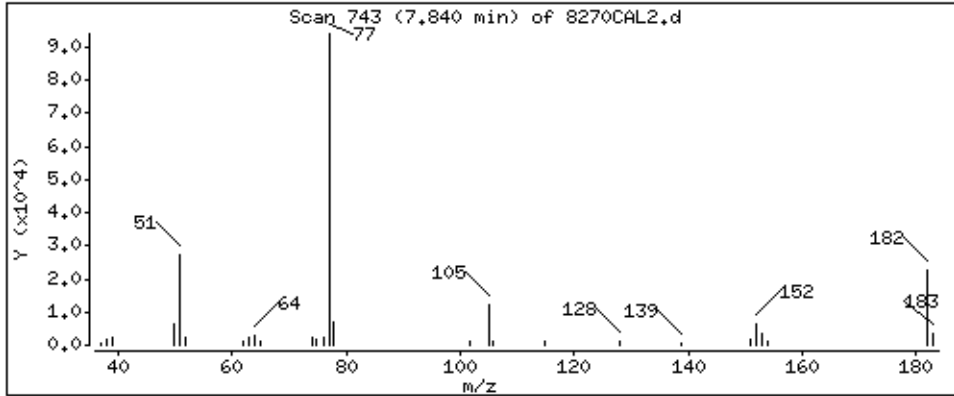
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

87 1,2-Diphenylhydrazine

Concentration: 9,8 ug/kg



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

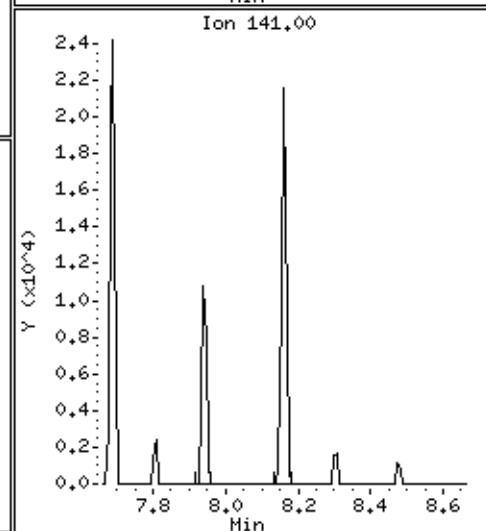
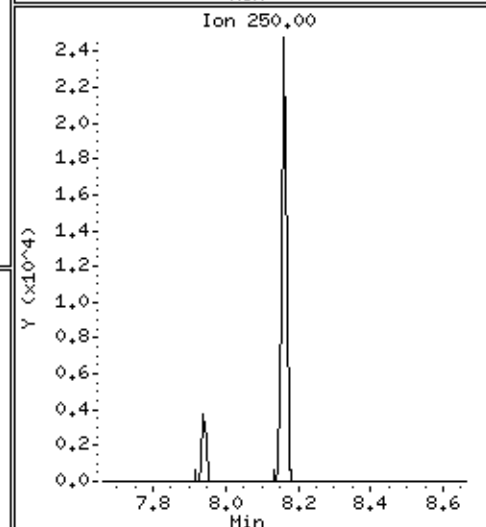
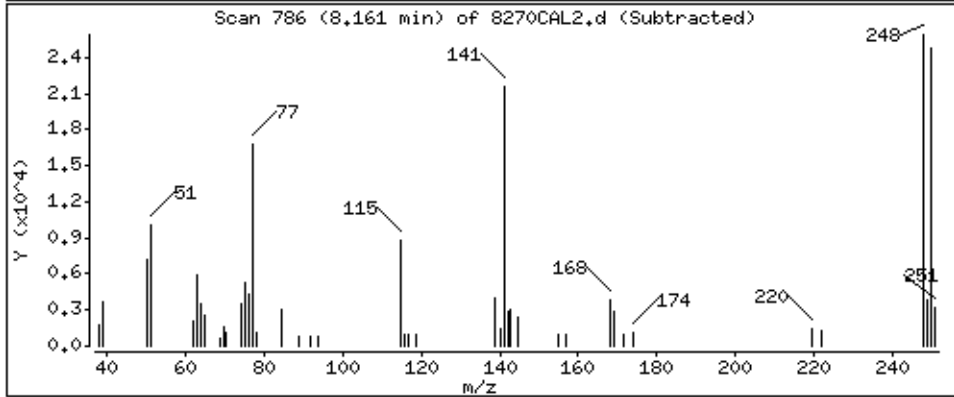
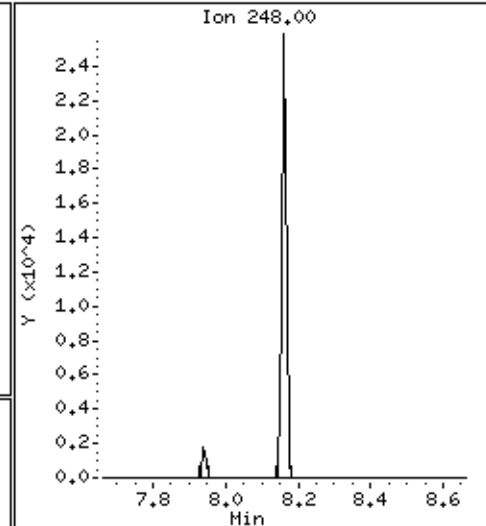
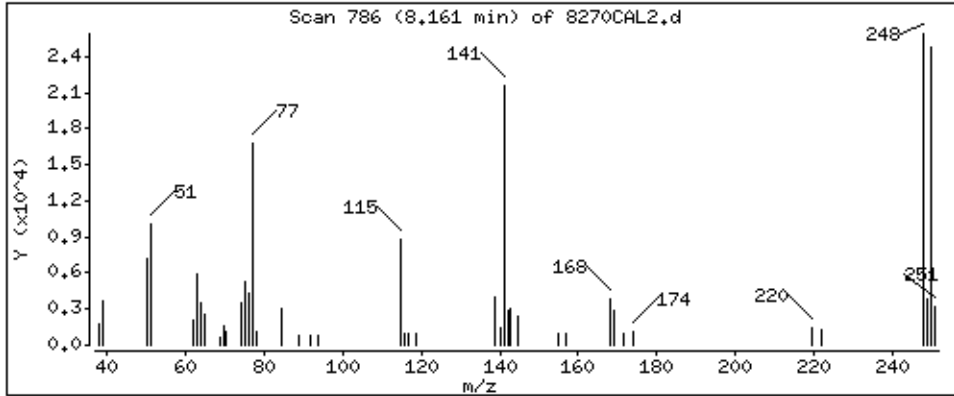
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

93 4-Bromophenylphenylether

Concentration: 9,2 ug/kg



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

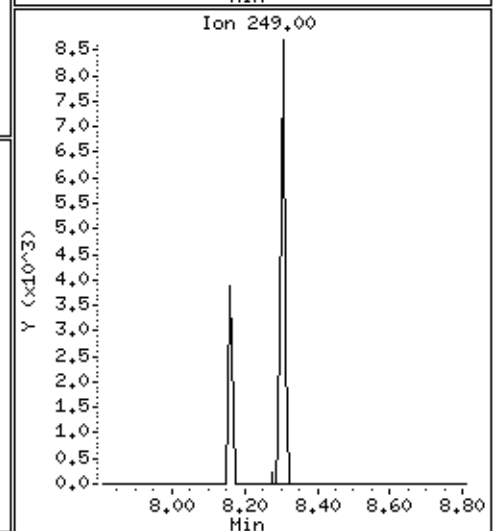
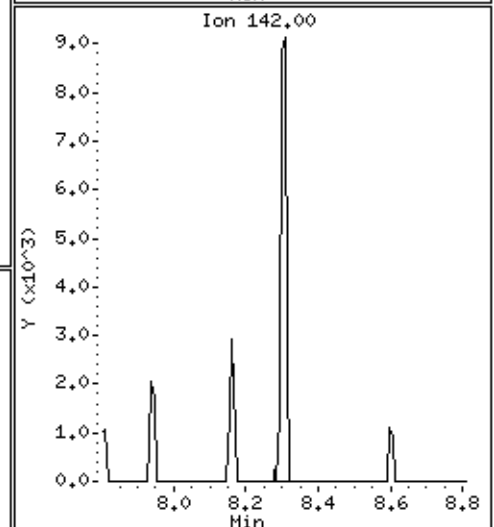
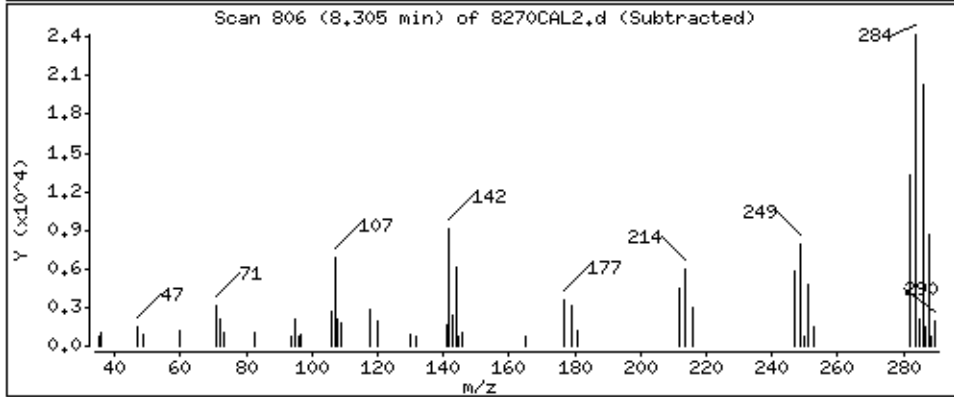
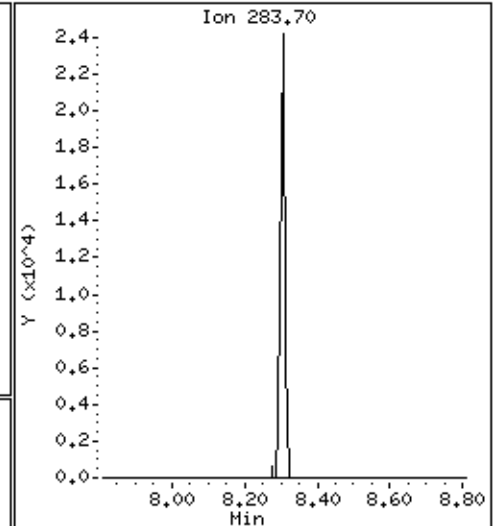
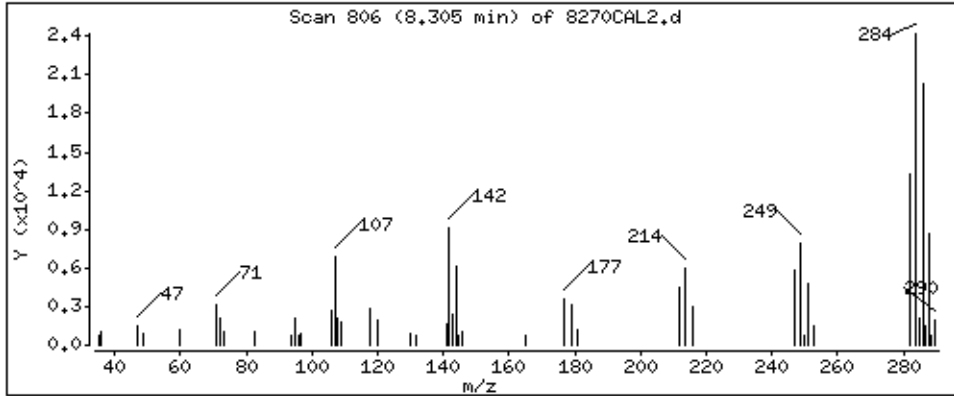
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

94 Hexachlorobenzene

Concentration: 8,7 ug/kg



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

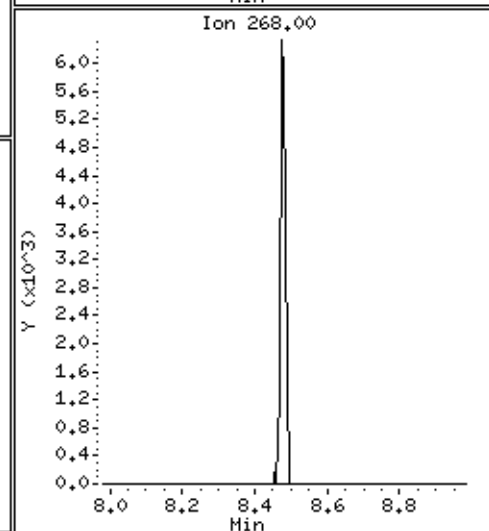
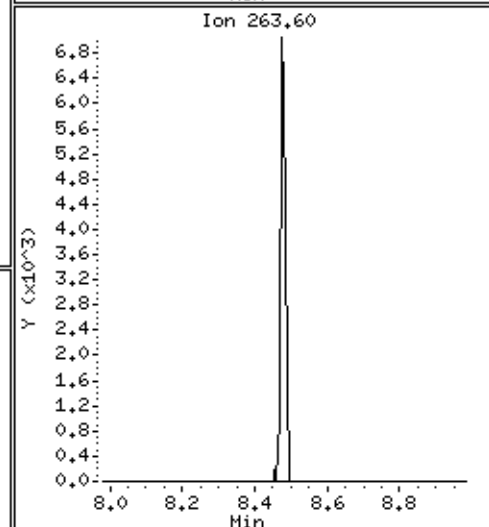
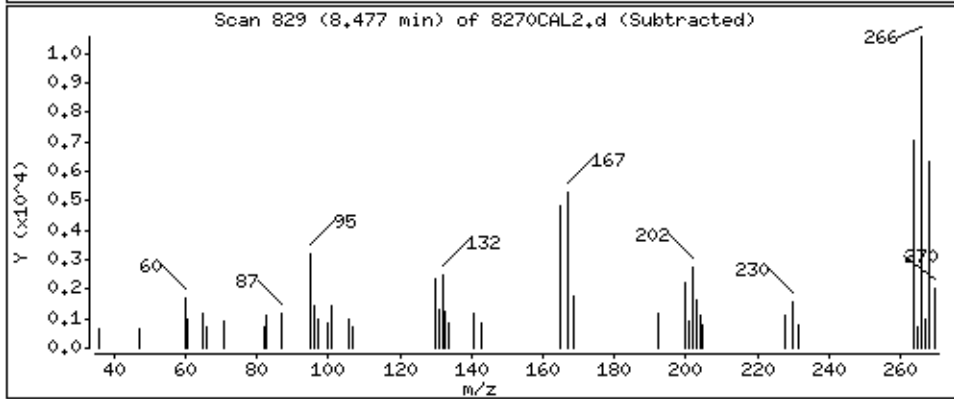
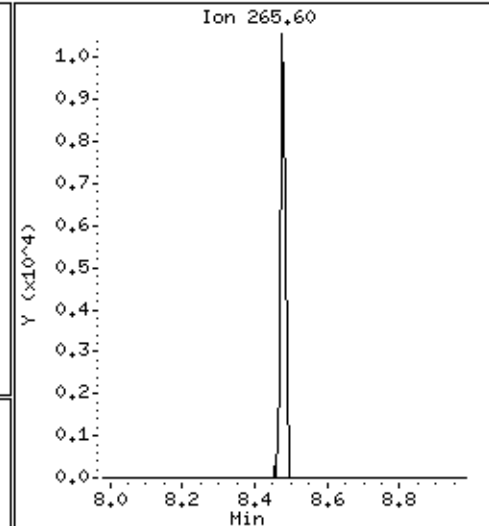
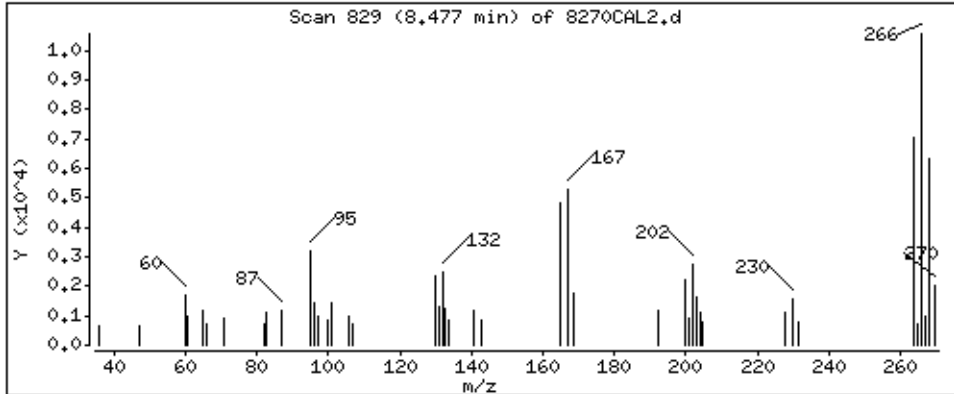
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

96 Pentachlorophenol

Concentration: 12,7 ug/kg





Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

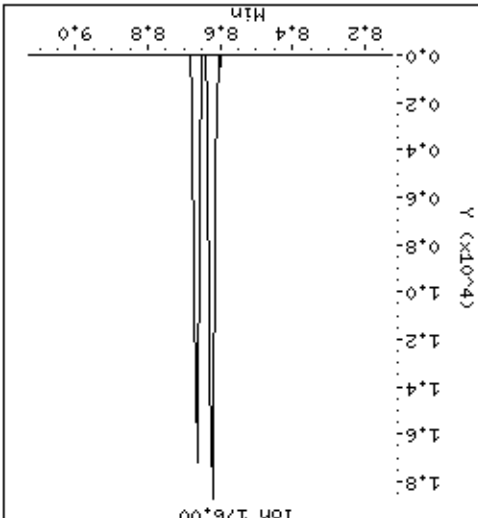
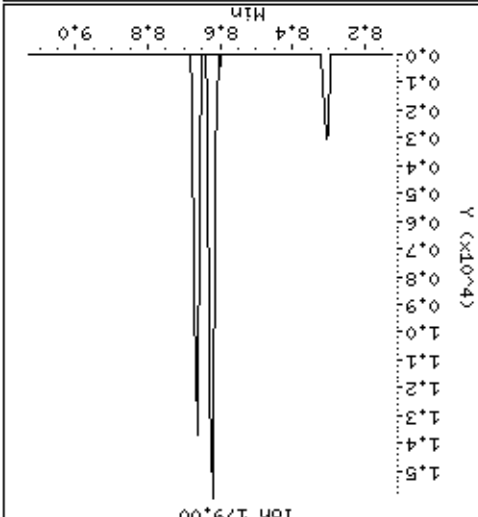
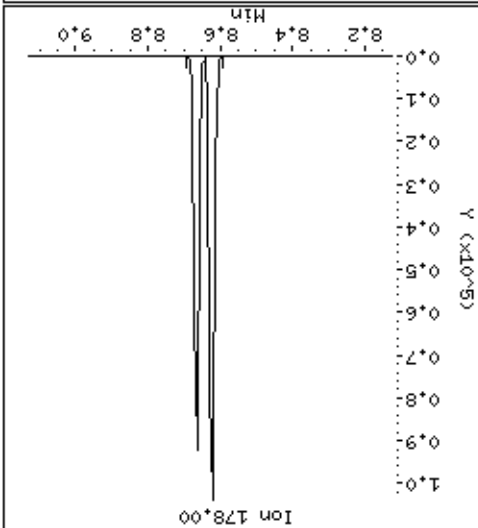
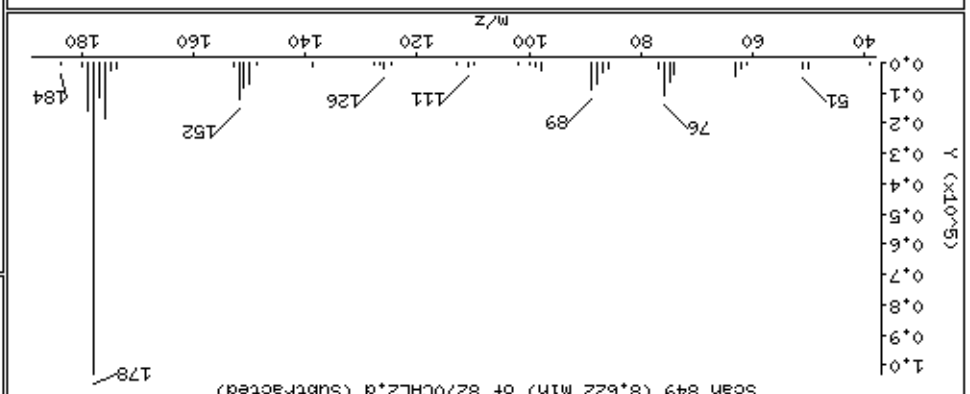
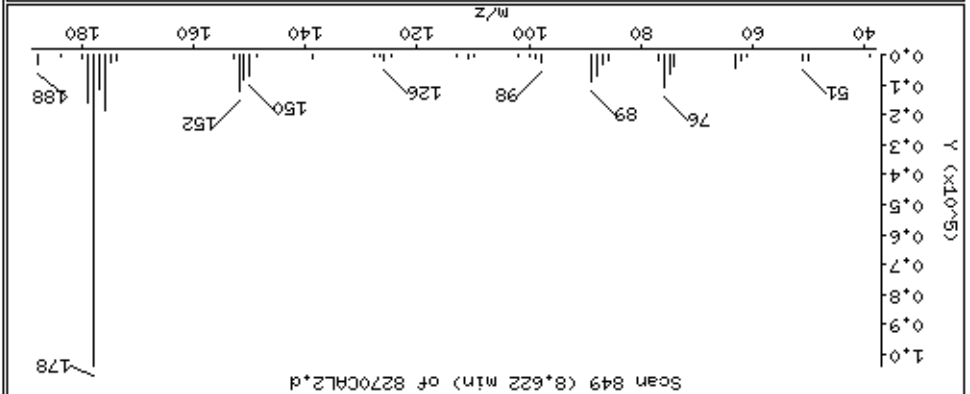
Operator: MJ

Column diameter: 0.25

101 Phenanthrene

Concentration: 9.8 ug/kg

Instrument: smsd04.1



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

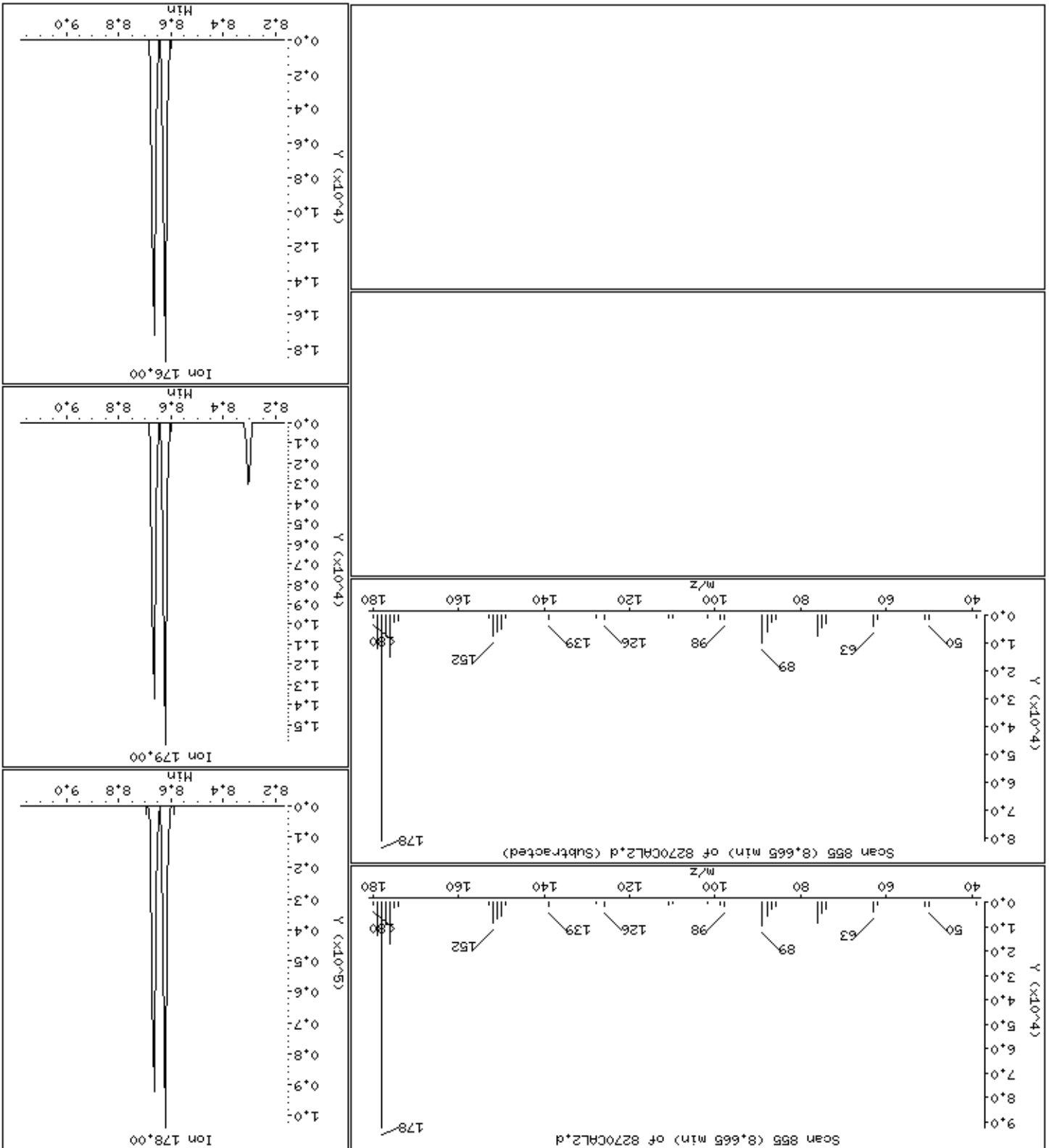
Sample Info: 4768

Operator: MJ

Column diameter: 0.25

Concentration: 9.5 ug/kg

103 Anthracene



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

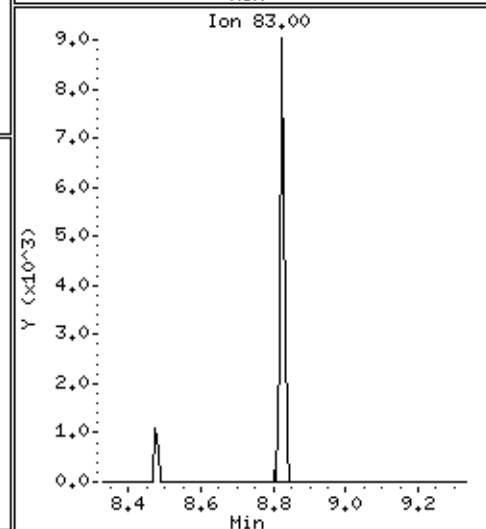
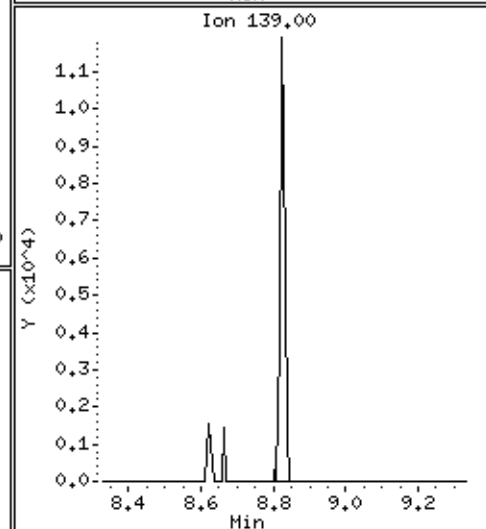
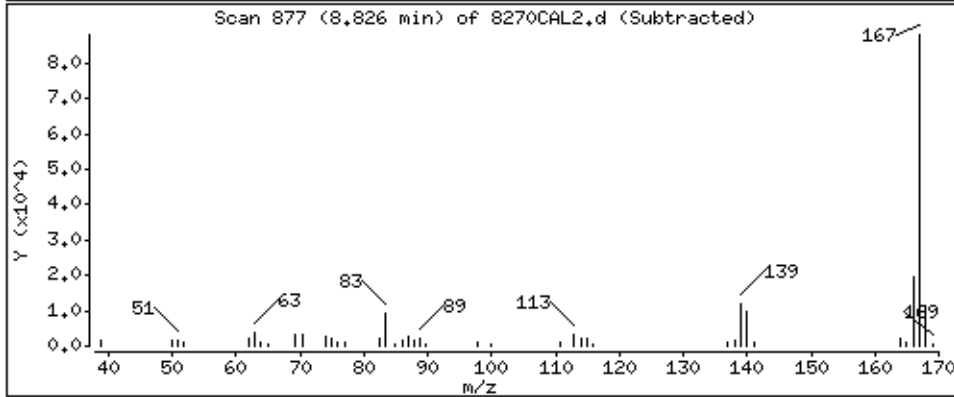
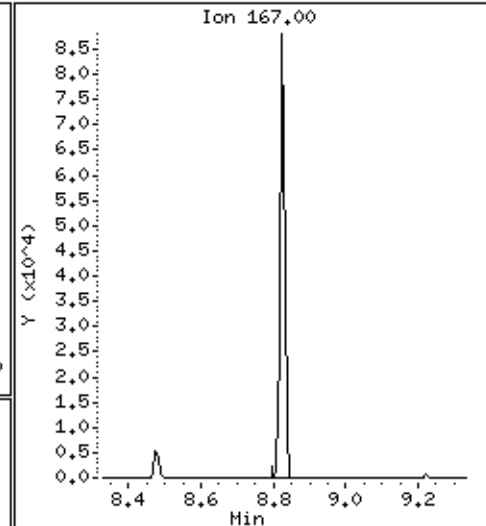
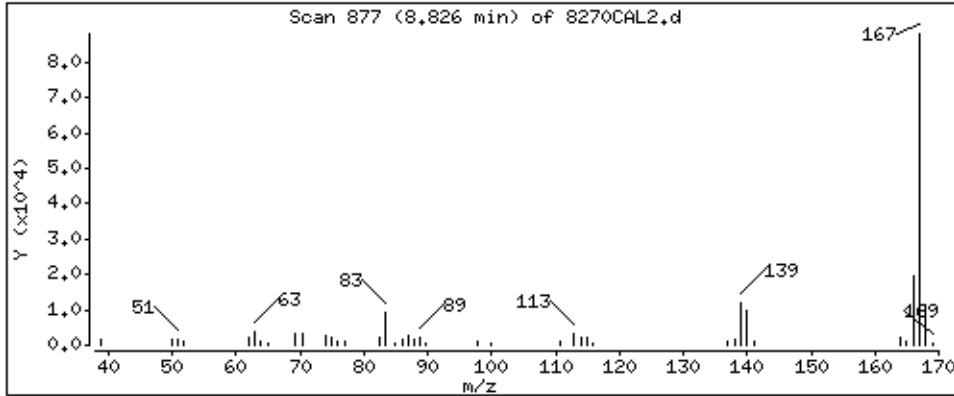
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

104 Carbazole

Concentration: 9,6 ug/kg



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

Operator: MJ

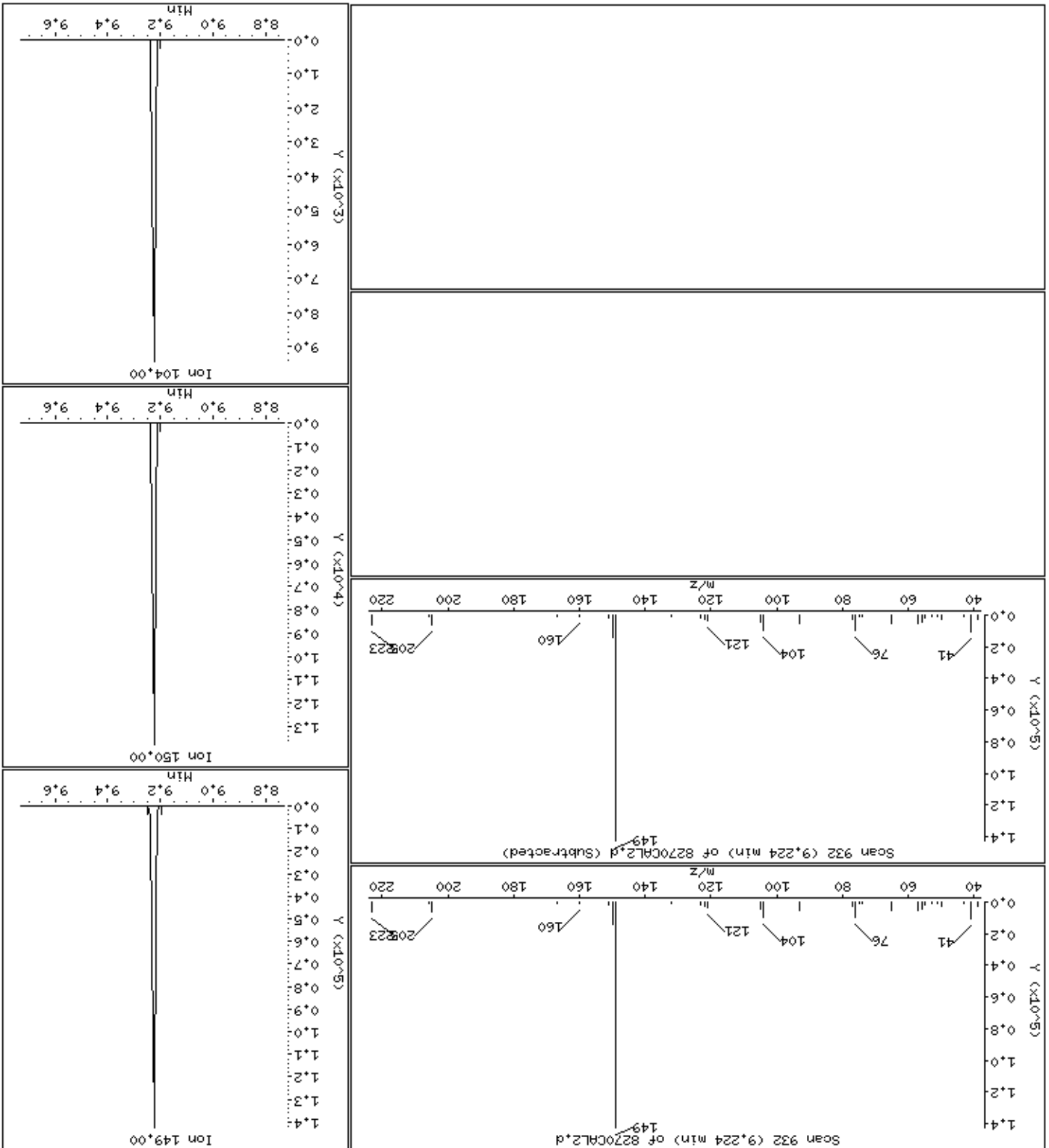
Column diameter: 0.25

Concentration: 9.1 ug/kg

Instrument: smsd04.1

105 Di-n-butylphthalate

Column phase: HPMS-5



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

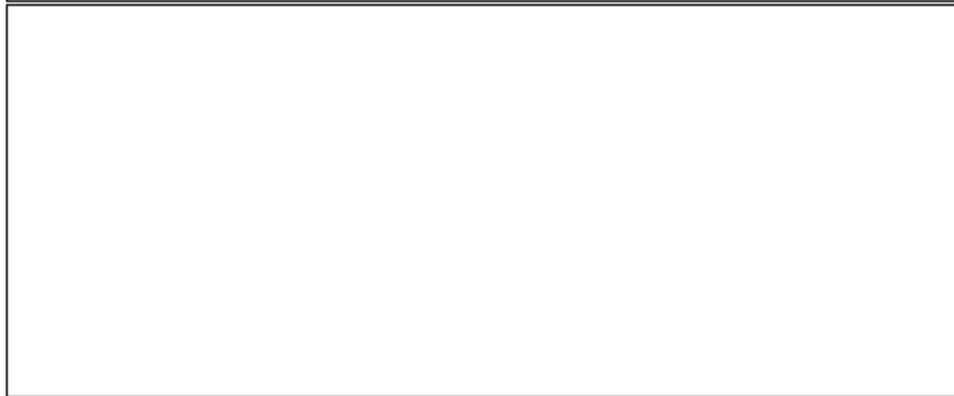
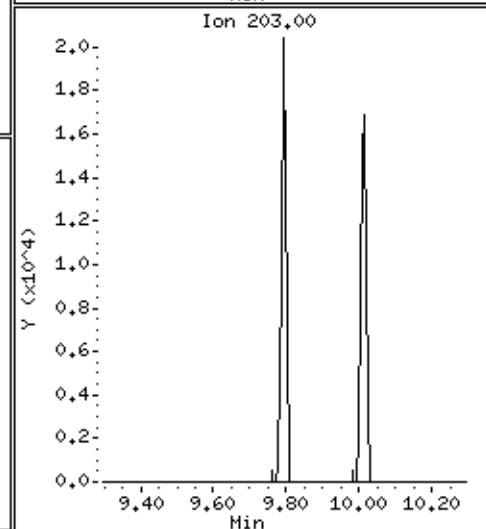
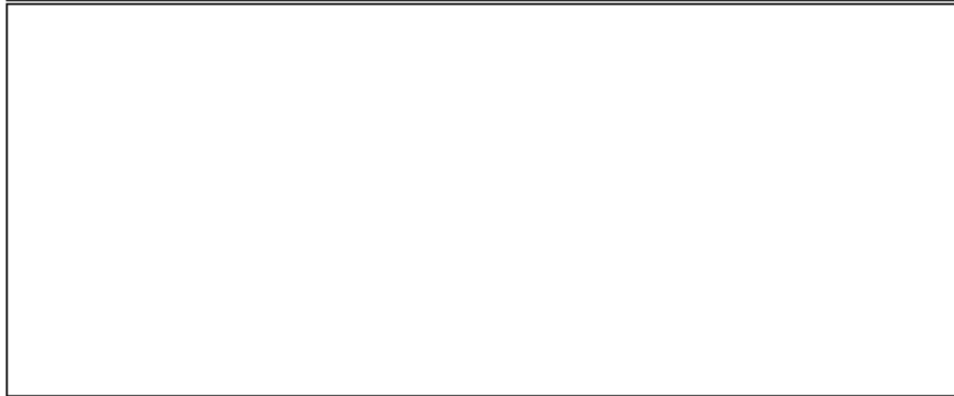
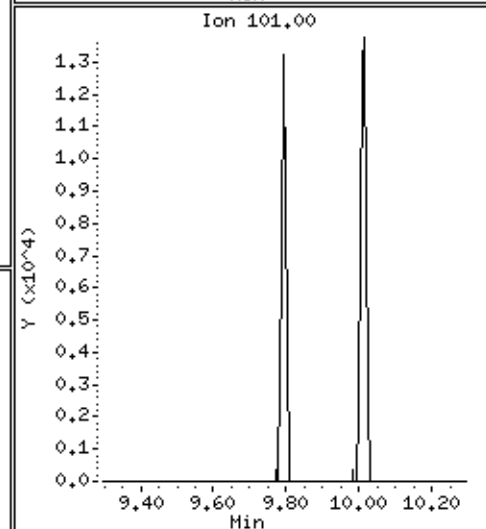
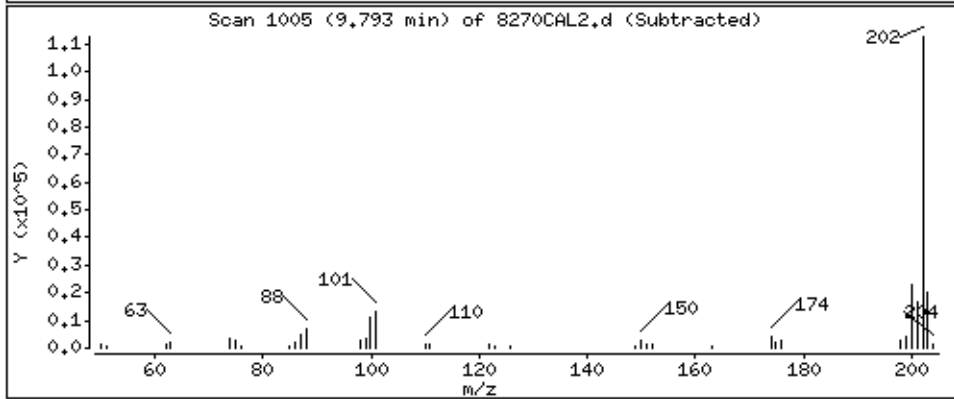
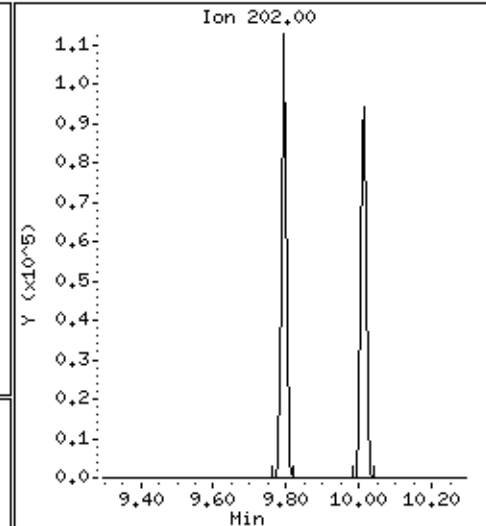
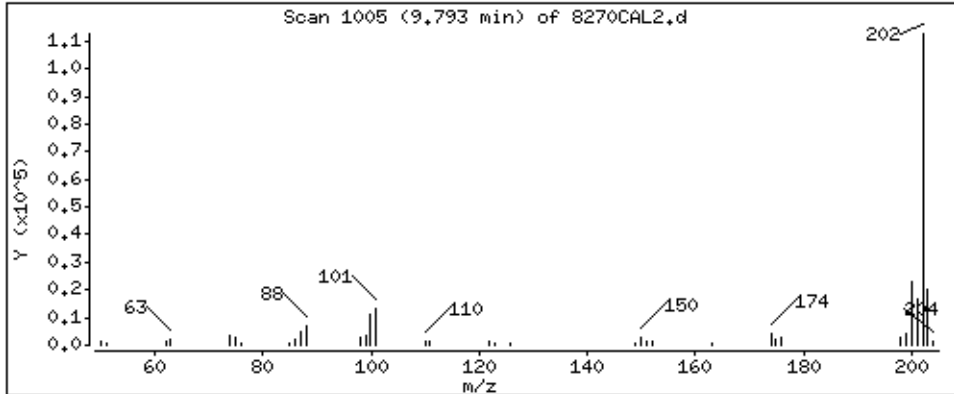
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

109 Fluoranthene

Concentration: 9,2 ug/kg



Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

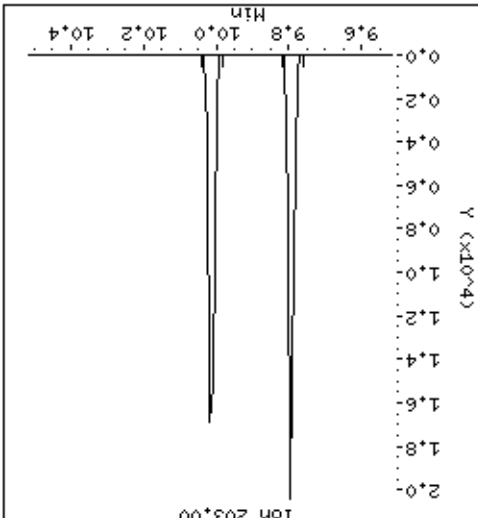
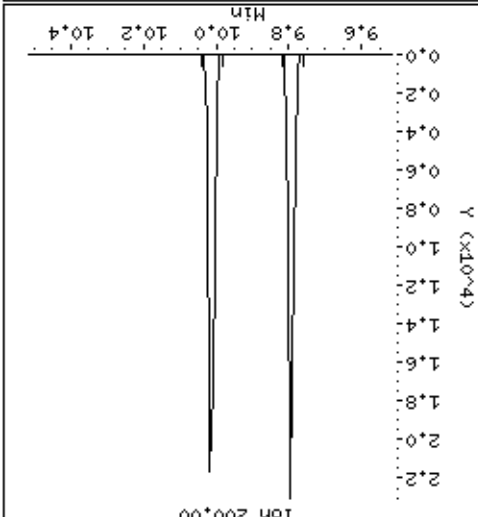
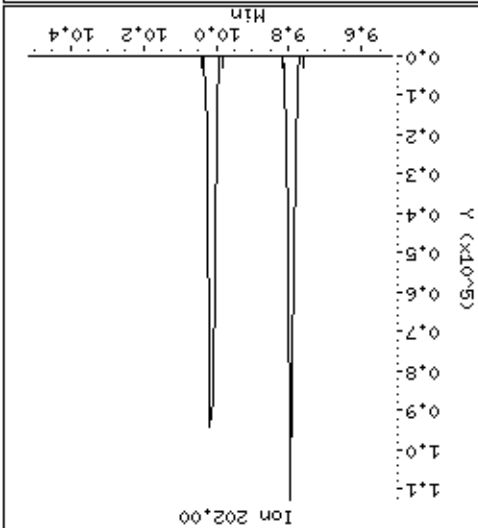
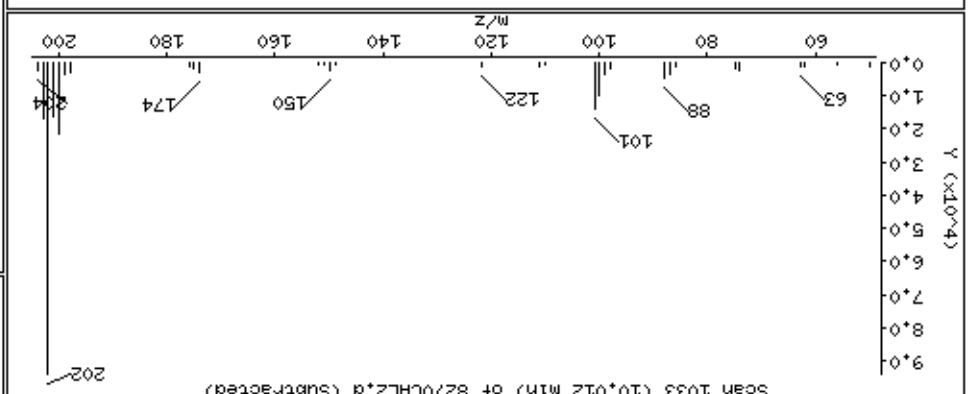
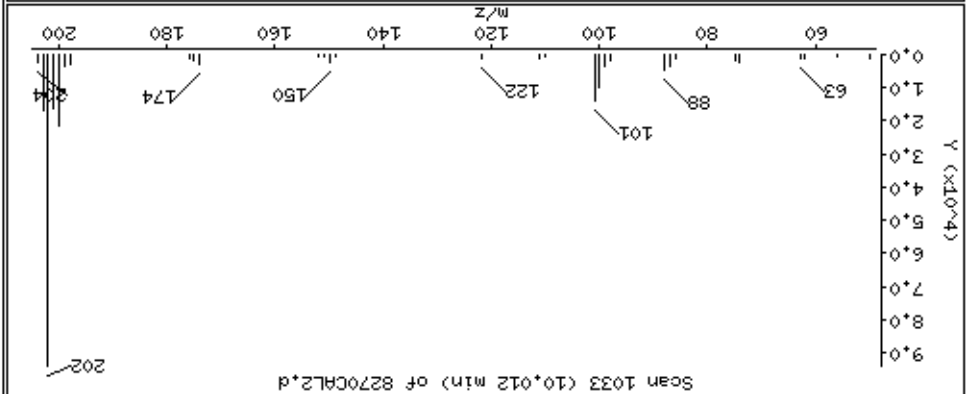
Operator: MJ

Column diameter: 0.25

Concentration: 9.5 ug/kg

Instrument: smsd04.1

111 Pyrene



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

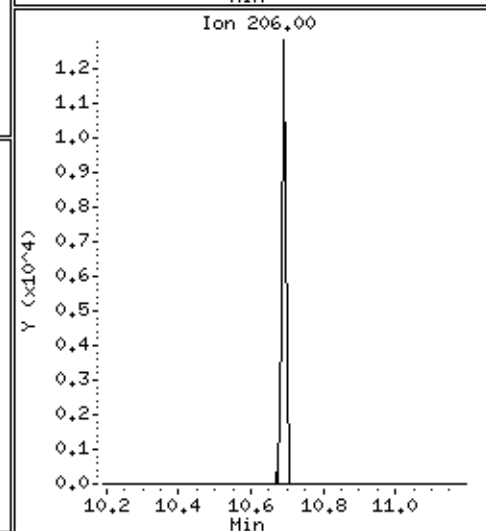
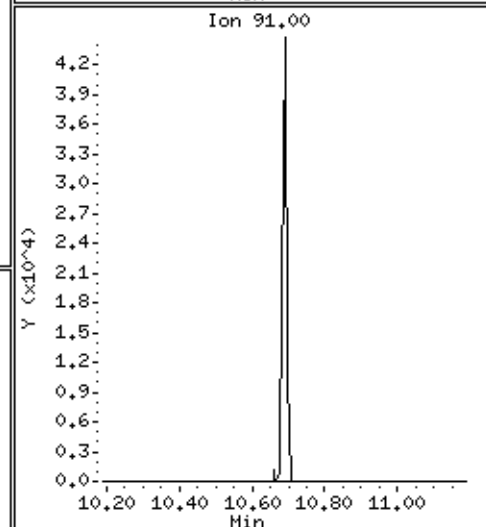
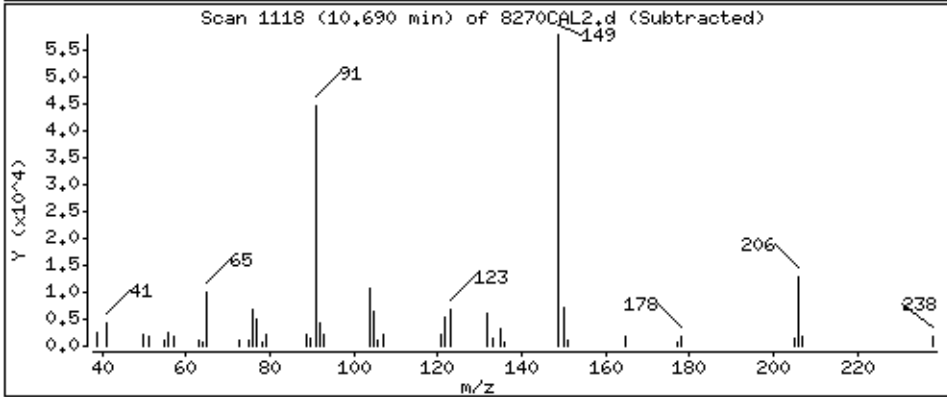
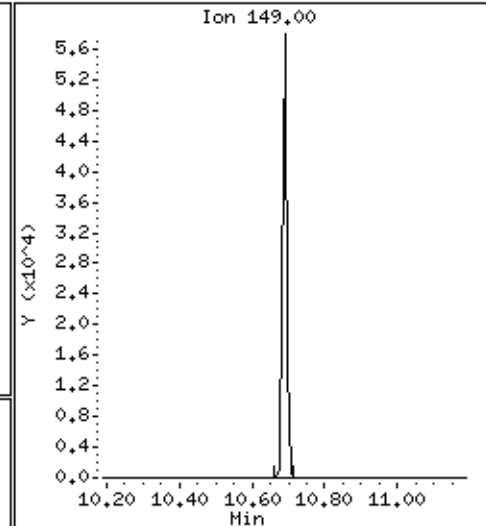
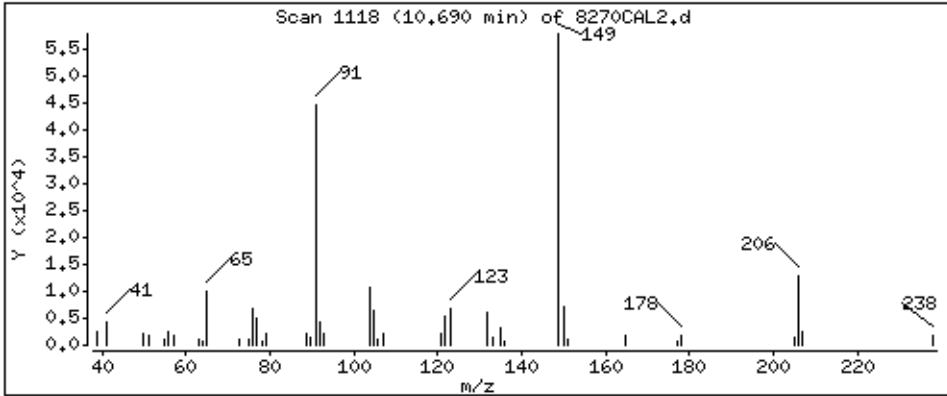
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

118 Butylbenzylphthalate

Concentration: 8,8 ug/kg



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

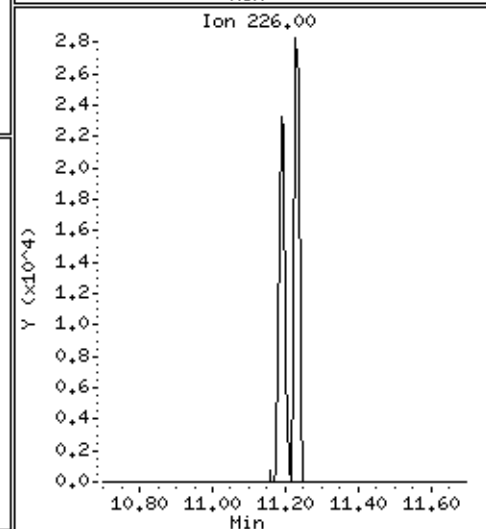
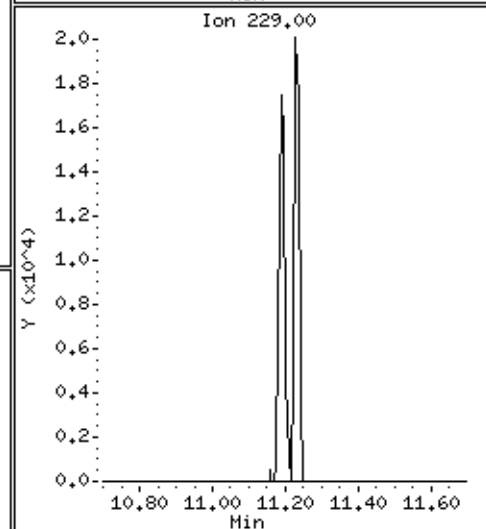
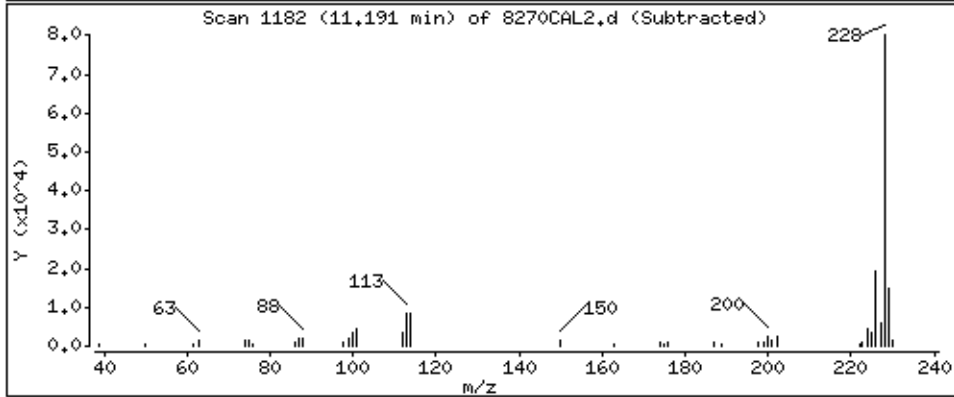
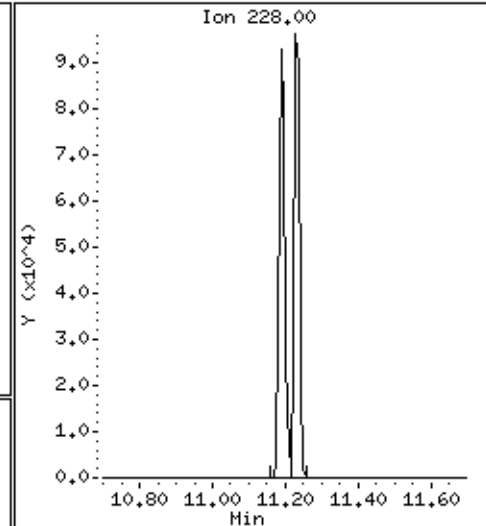
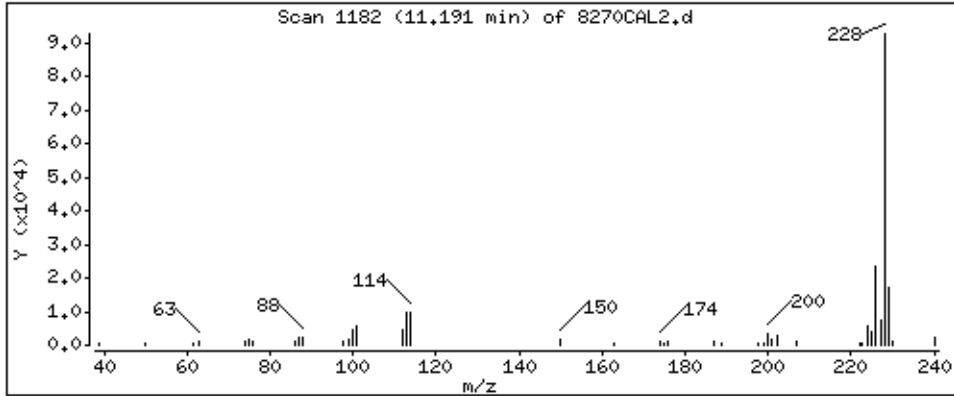
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

120 Benzo[*a*]anthracene

Concentration: 9,2 ug/kg





Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

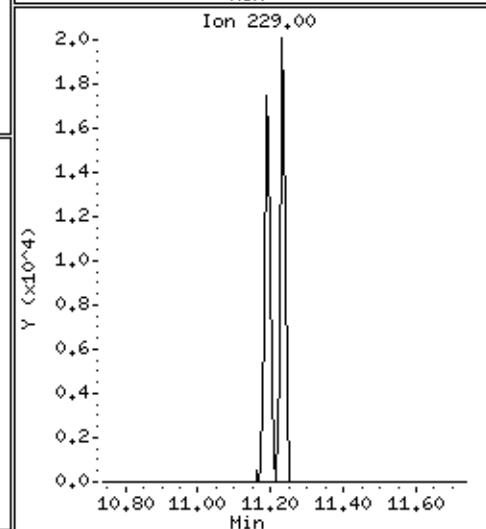
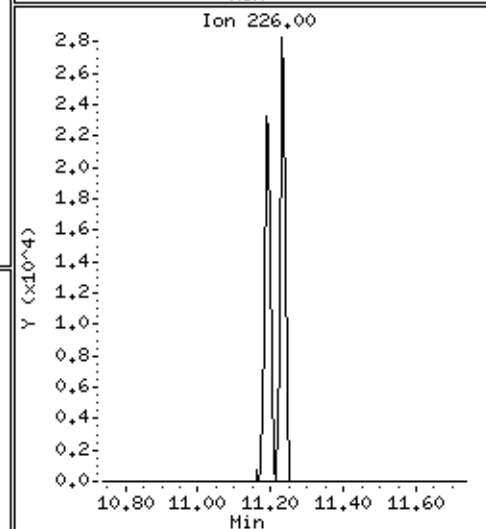
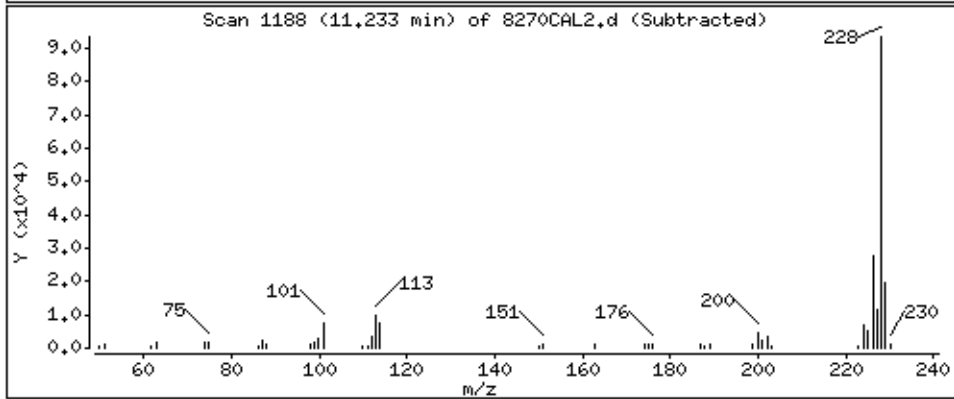
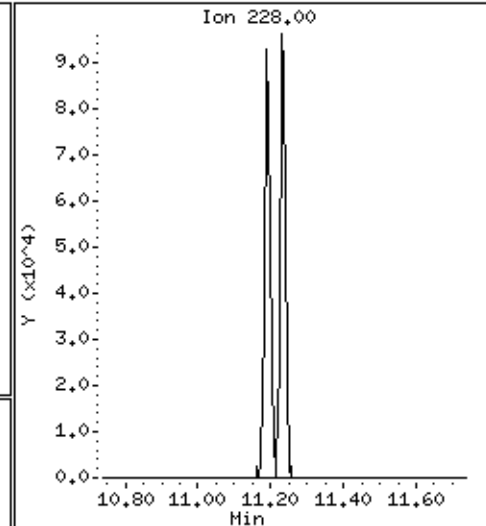
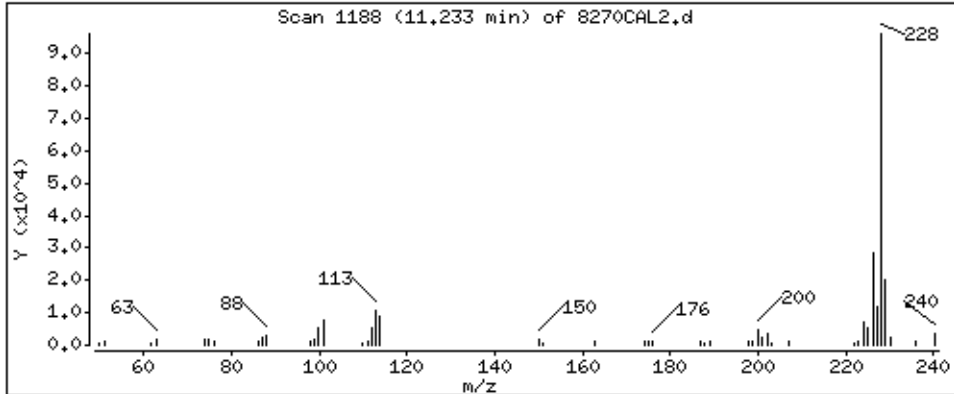
Operator: MJ

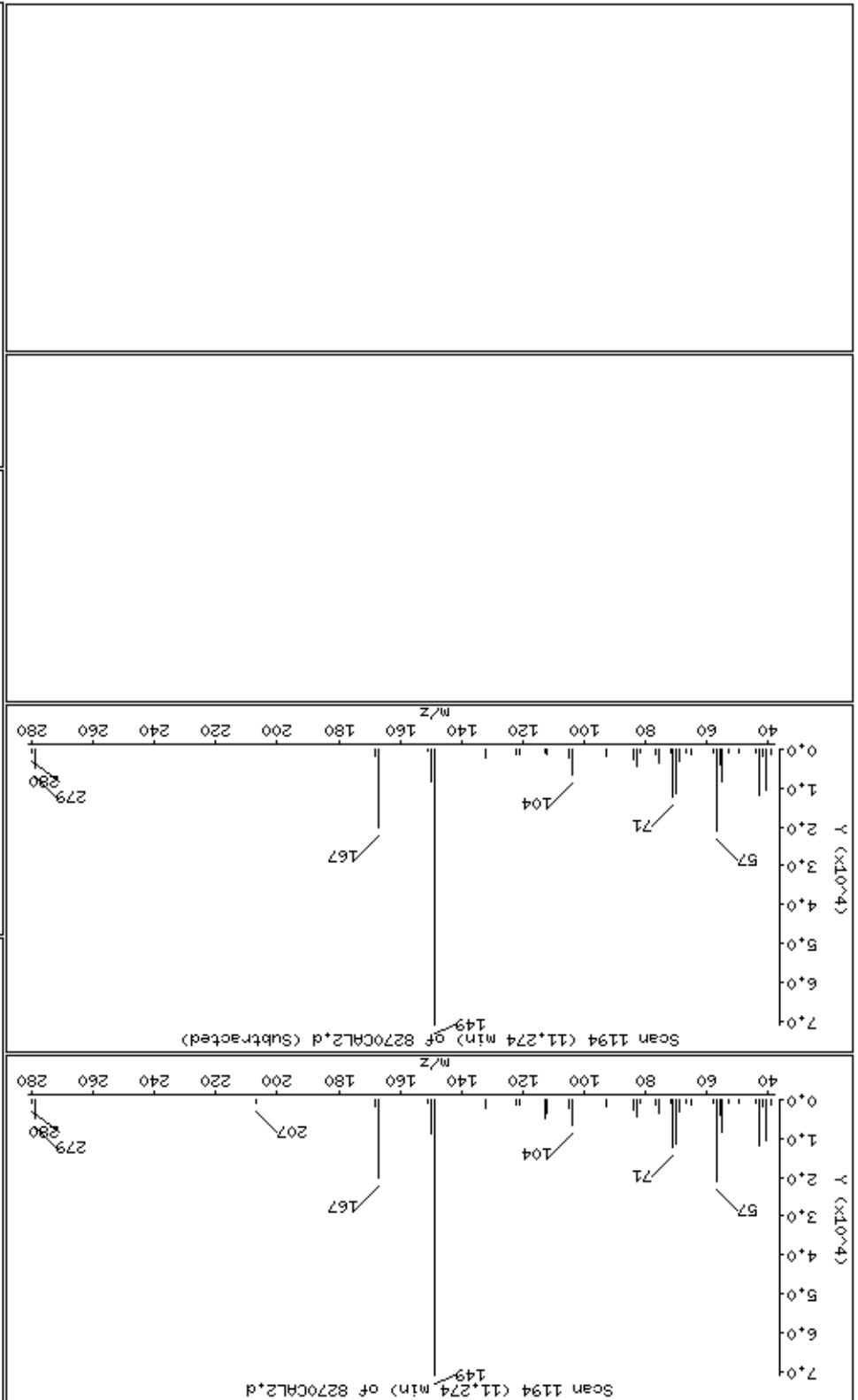
Column phase: HPMS-5

Column diameter: 0,25

123 Chrysene

Concentration: 9,4 ug/kg





Date: 15-NOV-2012 00:25

Client ID: 8270CAL2

Sample Info: 4768

Operator: MJ

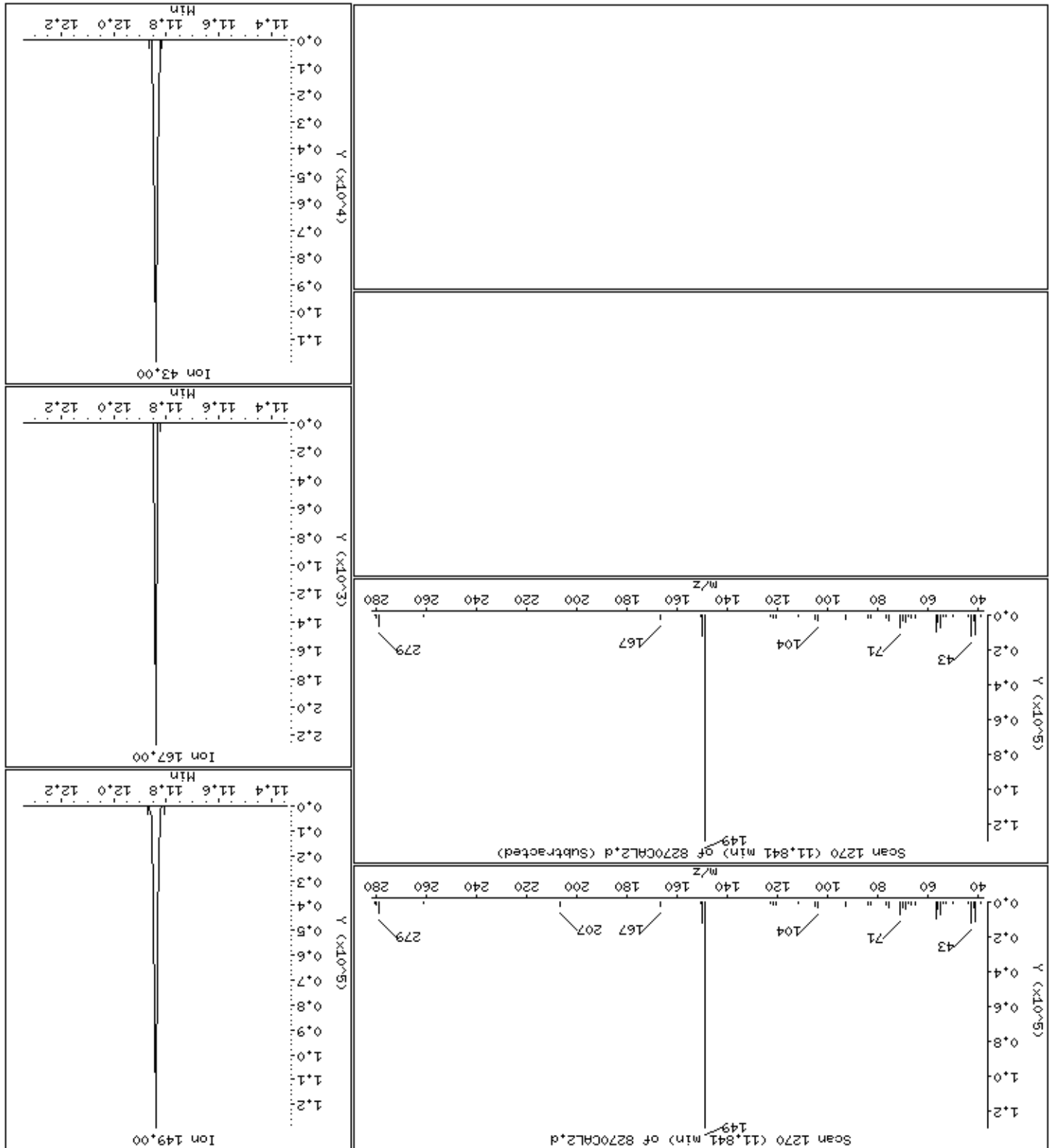
Column diameter: 0.25

Concentration: 14.1 ug/kg

Instrument: smsd04.1

125 Di-n-octylphthalate

Column phase: HPMS-5



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

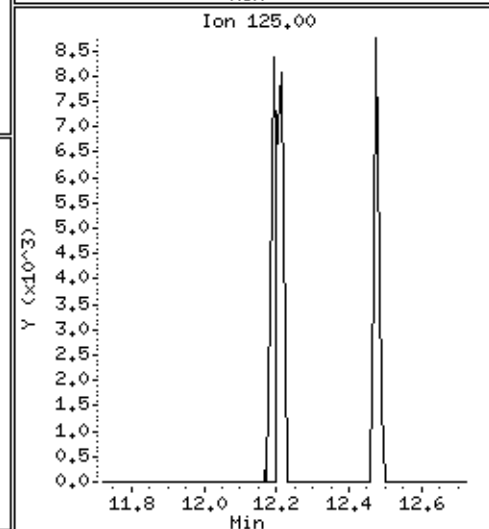
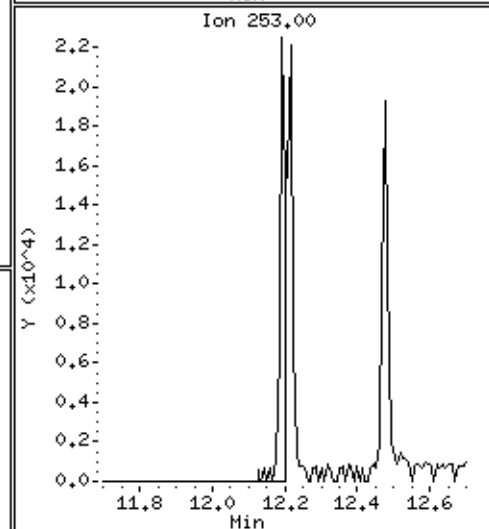
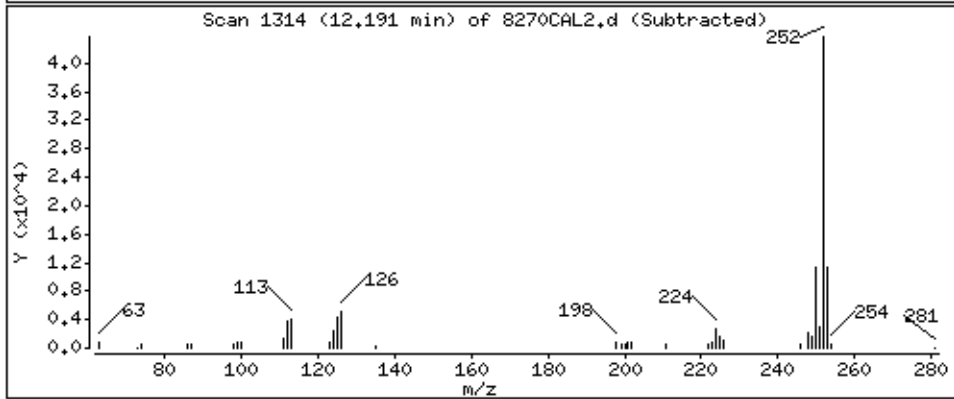
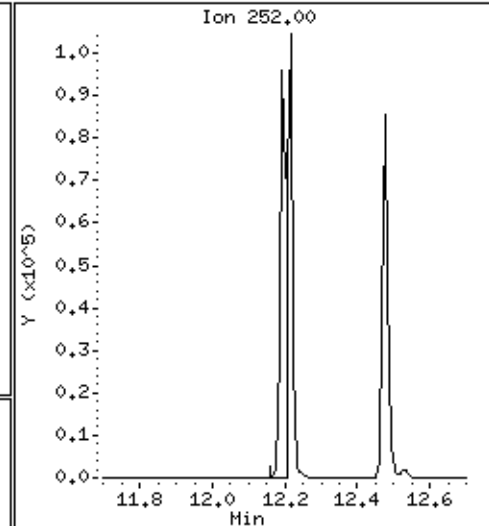
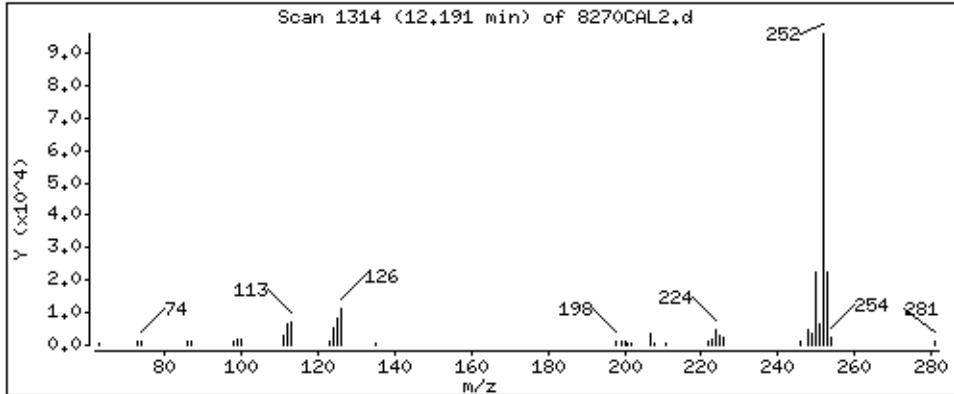
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

127 Benzo[b]fluoranthene

Concentration: 12,6 ug/kg



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

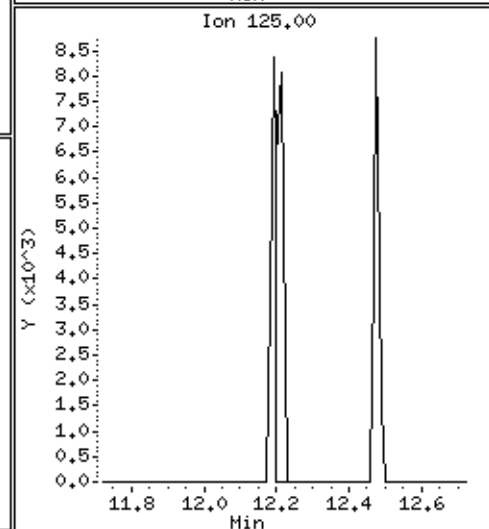
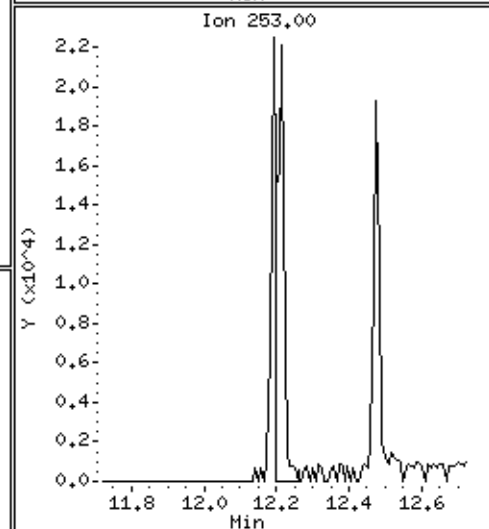
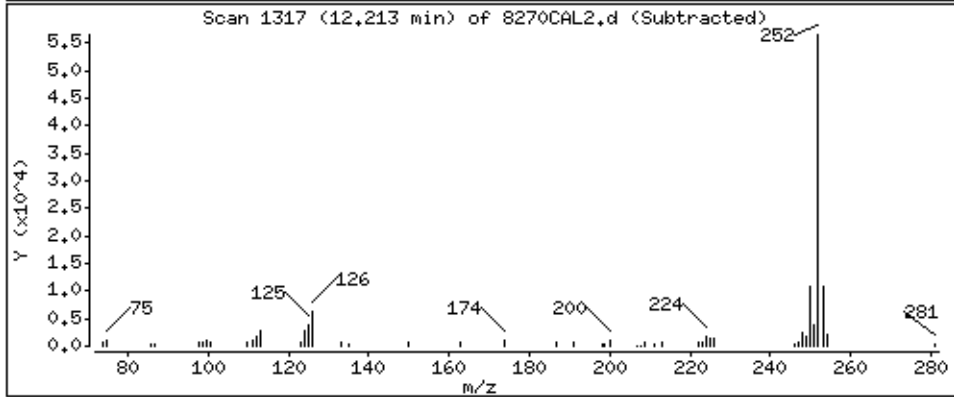
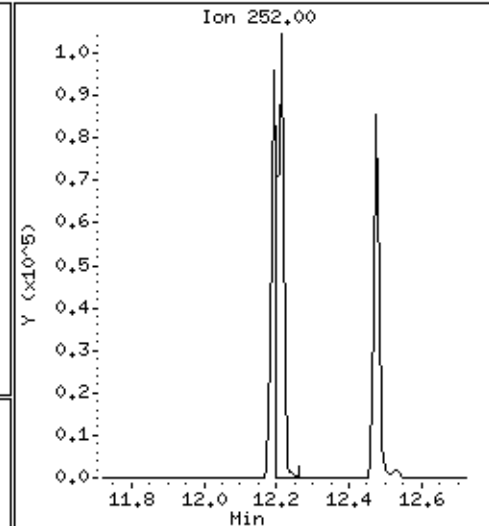
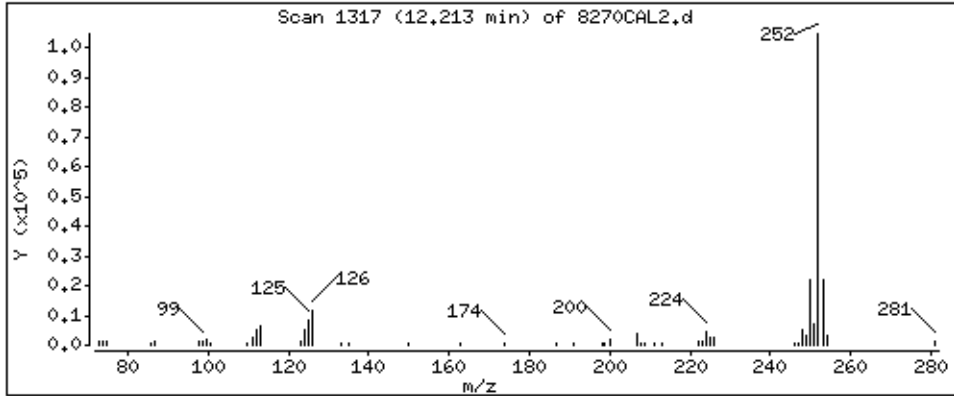
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

128 Benzo[k]fluoranthene

Concentration: 12,0 ug/kg



Date : 15-NOV-2012 00:25

Client ID: 8270CAL2

Instrument: smsd04.i

Sample Info: 47768

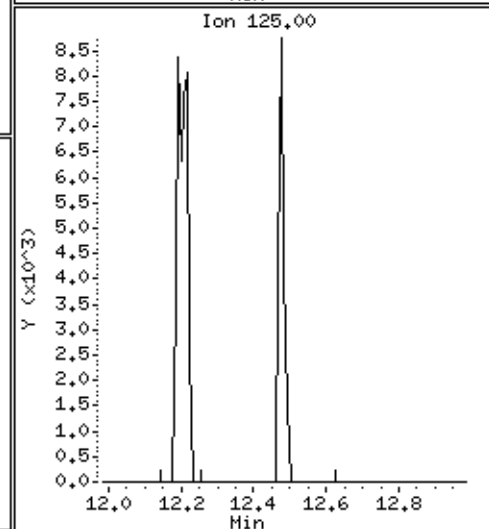
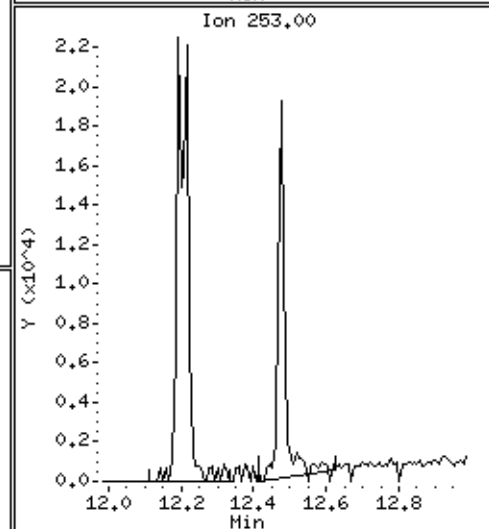
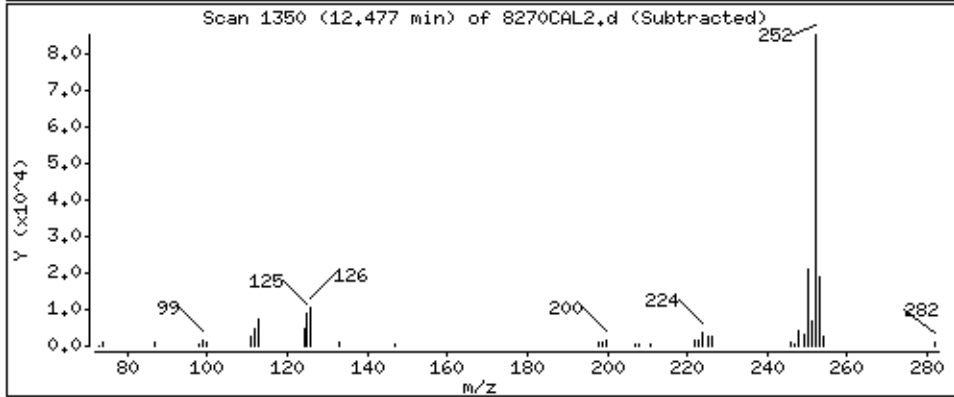
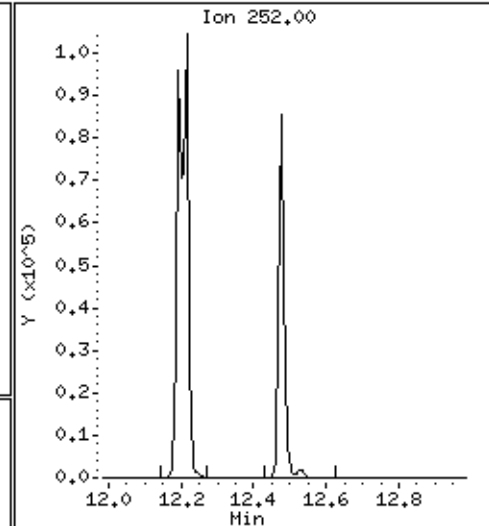
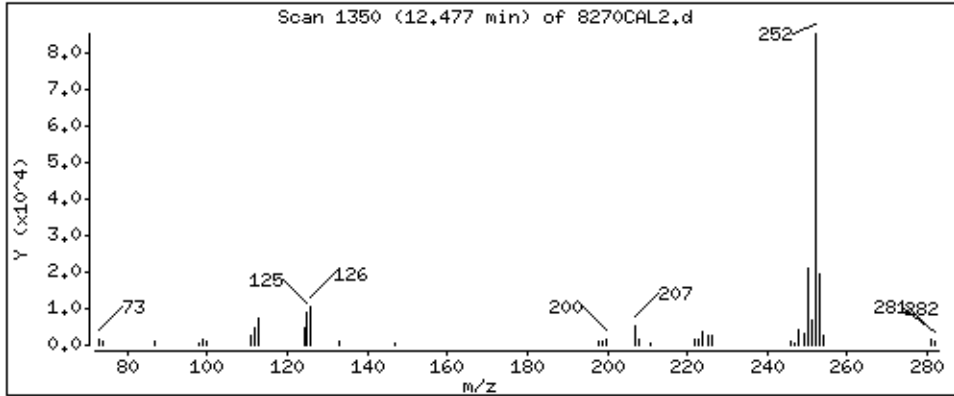
Operator: MJ

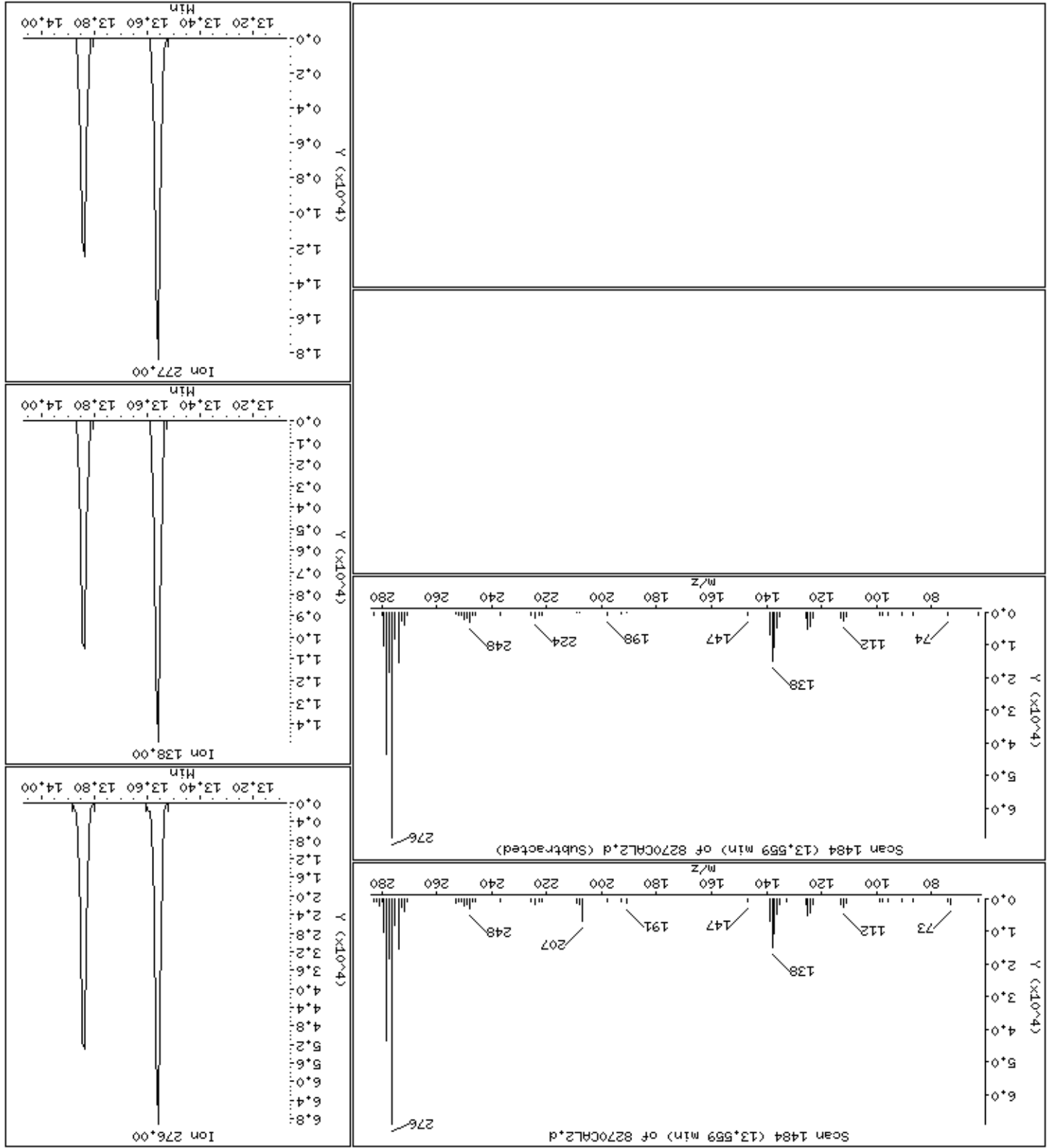
Column phase: HPMS-5

Column diameter: 0,25

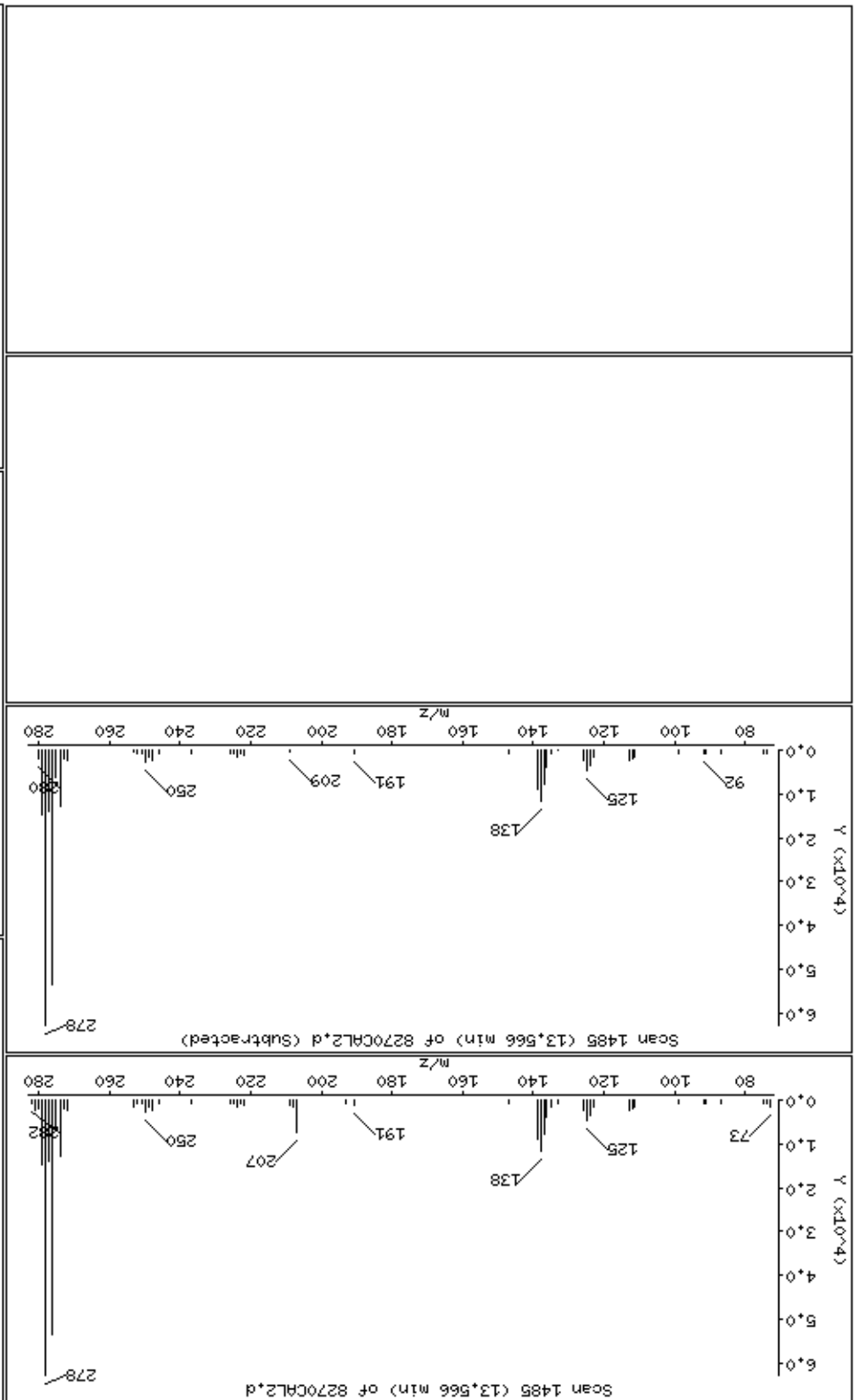
129 Benzo[a]pyrene

Concentration: 9,2 ug/kg





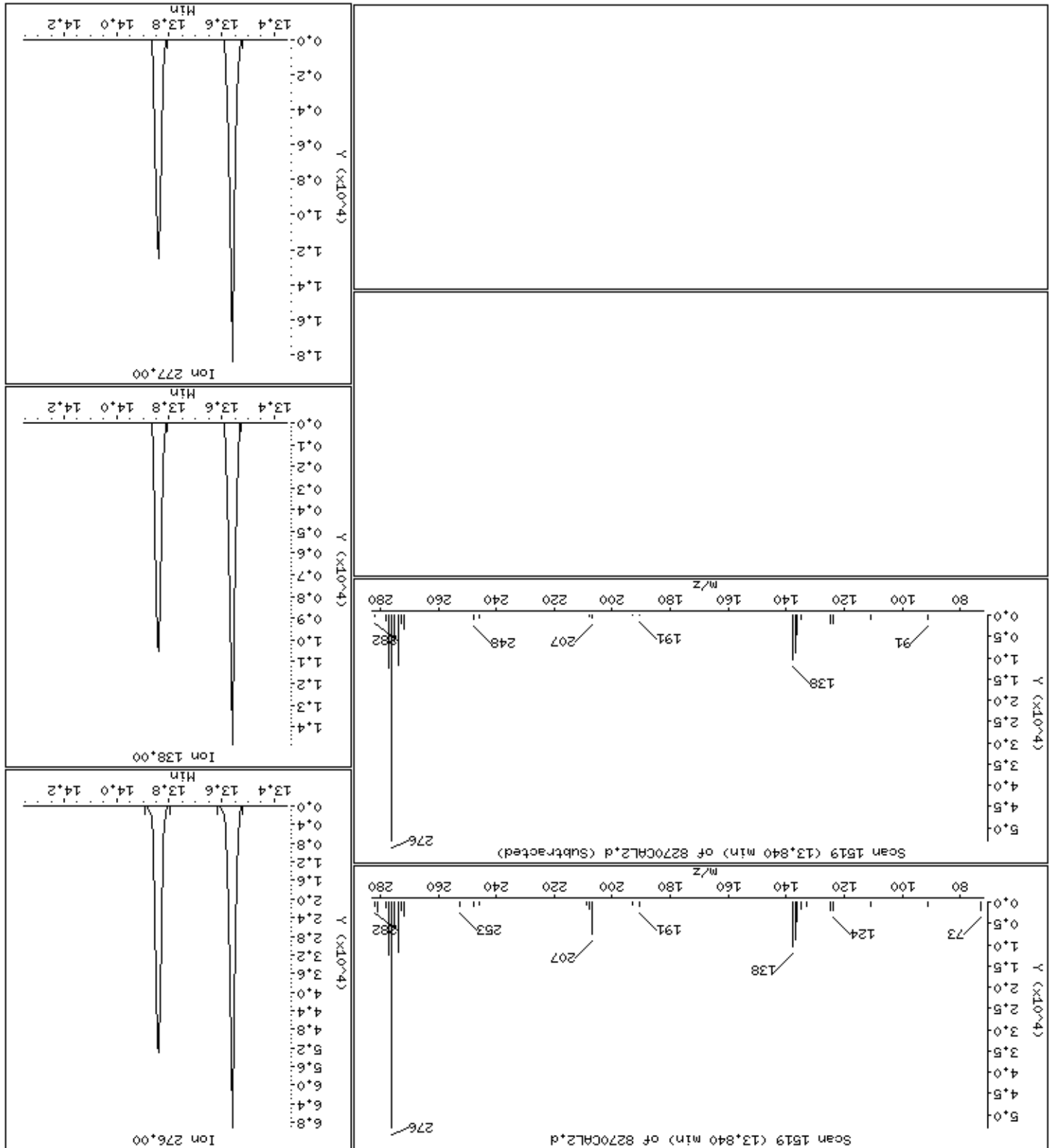
134 Dibenzo[a,h]anthracene





135 Benzole[gh,]perylene

Column phase: HPMS-5



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270CAL1.d  
 Lab Smp Id: 47769 Client Smp ID: 8270CAL1  
 Inj Date : 15-NOV-2012 00:46 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47769  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-OCT-2012 15:22 Cal File: AP9CAL1.d  
 Als bottle: 27 Calibration Sample, Level: 1  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: 8270caln.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
-----									
2 Pyridine					CAS #: 110-86-1				
2.237	2.228	( 0.521)	79	13680	4.00000	3.8	80.00- 120.00	100.00	
2.236	2.228	( 0.521)	52	8517			35.30- 95.30	62.26	
-----									
M 16 Cresols (Total)					CAS #: 1319-77-3				
				22932	8.00000			(a)	
-----									
1 N-Nitrosodimethylamine					CAS #: 62-75-9				
2.220	2.220	( 0.517)	42	6292	4.00000	3.9	80.00- 120.00	100.00(M)	
2.220	2.220	( 0.517)	74	7959			97.07- 157.07	126.49	
2.221	2.221	( 0.517)	44	0	0.00	0.00	0.00- 34.98	0.00	
-----									
\$ 6 2-Fluorophenol (SURR)					CAS #: 367-12-4				
3.245	3.246	( 0.756)	112	22602	8.00000	7.0	80.00- 120.00	100.00	
3.245	3.246	( 0.756)	64	13779			32.62- 92.62	60.96	
-----									
\$ 11 Phenol-d5 (SURR)					CAS #: 4165-62-2				
3.999	4.006	( 0.931)	99	29322	8.00000	7.2	80.00- 120.00	100.00	
3.999	4.006	( 0.931)	42	5822			0.00- 49.74	19.86	
3.999	4.006	( 0.931)	71	12181			12.66- 72.66	41.54	
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
13 Phenol					CAS #: 108-95-2				
4.009	4.016	( 0.933)	94	15316	4.00000	3.3	80.00-	120.00	100.00
4.009	4.016	( 0.933)	65	4980			0.94-	60.94	32.52
4.007	4.015	( 0.933)	66	8717			21.40-	81.40	56.91
-----									
10 Aniline					CAS #: 62-53-3				
4.042	4.046	( 0.941)	93	18019	4.00000	4.0	80.00-	120.00	100.00
4.042	4.046	( 0.941)	65	4058			0.00-	50.97	22.52
4.042	4.046	( 0.941)	66	7863			12.95-	72.95	43.64
-----									
14 Bis(2-Chloroethyl)ether					CAS #: 111-44-4				
4.088	4.094	( 0.952)	93	11315	4.00000	3.5	80.00-	120.00	100.00
4.088	4.093	( 0.952)	63	8651			43.04-	103.04	76.46
4.088	4.094	( 0.952)	95	3981			1.90-	61.90	35.18
-----									
15 2-Chlorophenol					CAS #: 95-57-8				
4.139	4.142	( 0.964)	128	11472	4.00000	3.7	80.00-	120.00	100.00
4.138	4.142	( 0.963)	64	5906			24.14-	84.14	51.48
4.139	4.142	( 0.964)	130	3224			2.15-	62.15	28.10
-----									
17 1,3-Dichlorobenzene					CAS #: 541-73-1				
4.265	4.267	( 0.993)	146	13829	4.00000	3.7	80.00-	120.00	100.00
4.265	4.267	( 0.993)	148	9063			34.15-	94.15	65.54
4.265	4.267	( 0.993)	111	6562			14.34-	74.34	47.45
-----									
* 18 1,4-Dichlorobenzene-d4					CAS #: 3855-82-1				
4.295	4.294	( 1.000)	152	99318	40.00000		80.00-	120.00	100.00
4.295	4.294	( 1.000)	115	62031			34.81-	94.81	62.46
4.295	4.294	( 1.000)	150	154767			126.51-	186.51	155.83
-----									
19 1,4-Dichlorobenzene					CAS #: 106-46-7				
4.310	4.311	( 1.003)	146	14030	4.00000	3.6	80.00-	120.00	100.00
4.310	4.311	( 1.003)	148	8615			36.10-	96.10	61.40
4.309	4.311	( 1.003)	111	7466			14.95-	74.95	53.21
-----									
21 Benzyl alcohol					CAS #: 100-51-6				
4.426	4.429	( 1.030)	108	6886	4.00000	3.3	80.00-	120.00	100.00
4.426	4.429	( 1.031)	79	10176			126.03-	186.03	147.78
4.426	4.429	( 1.031)	77	6974			76.75-	136.75	101.28
-----									
20 1,2-Dichlorobenzene					CAS #: 95-50-1				
4.478	4.478	( 1.043)	146	13487	4.00000	3.8	80.00-	120.00	100.00
4.478	4.478	( 1.043)	148	8471			33.36-	93.36	62.81
4.477	4.478	( 1.043)	111	6275			18.07-	78.07	46.53
-----									
22 2-Methylphenol					CAS #: 95-48-7				
4.534	4.538	( 1.056)	107	9357	4.00000	3.7	80.00-	120.00	100.00
4.535	4.538	( 1.056)	108	10131			83.56-	143.56	108.27
4.534	4.538	( 1.056)	79	4928			27.79-	87.79	52.67
-----									
23 2,2'-oxybis(1-chloropropane)					CAS #: 108-60-1				
4.569	4.571	( 1.064)	45	15458	4.00000	3.8	80.00-	120.00	100.00
4.569	4.571	( 1.064)	77	2245			0.00-	47.34	14.52

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
23 2,2'-oxybis(1-chloropropane) (continued)									
4.569	4.571	( 1.064)	121	3893			0.00-	56.71	25.18
-----									
28 4-Methylphenol CAS #: 106-44-5									
4.661	4.668	( 1.085)	107	13575	4.00000	3.6	80.00-	120.00	100.00
4.661	4.668	( 1.085)	108	10361			51.88-	111.88	76.32
4.661	4.668	( 1.085)	79	3650			0.00-	57.76	26.89
-----									
26 N-Nitrosodinpropylamine CAS #: 621-64-7									
4.692	4.699	( 1.092)	70	9382	4.00000	3.4	80.00-	120.00	100.00
4.691	4.699	( 1.092)	42	4747			21.53-	81.53	50.60
4.692	4.699	( 1.092)	130	1891			0.00-	51.40	20.16
-----									
30 Hexachloroethane CAS #: 67-72-1									
4.753	4.753	( 1.107)	117	5775	4.00000	3.5	80.00-	120.00	100.00
4.754	4.754	( 1.107)	201	4999			63.39-	123.39	86.56
4.754	4.754	( 1.107)	199	3538			26.40-	86.40	61.26
-----									
\$ 31 Nitrobenzene-d5 (SURR) CAS #: 4165-60-0									
4.814	4.818	( 0.881)	82	14885	4.00000	3.7	80.00-	120.00	100.00
4.815	4.818	( 0.881)	128	5454			6.68-	66.68	36.64
4.814	4.818	( 0.881)	54	7668			19.12-	79.12	51.51
-----									
32 Nitrobenzene CAS #: 98-95-3									
4.830	4.834	( 0.884)	77	15768	4.00000	3.9	80.00-	120.00	100.00
4.831	4.835	( 0.884)	123	5881			6.73-	66.73	37.30
4.831	4.834	( 0.884)	65	1674			0.00-	43.84	10.62
-----									
34 Isophorone CAS #: 78-59-1									
5.041	5.046	( 0.923)	82	23649	4.00000	3.4	80.00-	120.00	100.00
5.041	5.047	( 0.923)	138	3778			0.00-	45.91	15.98
5.042	5.046	( 0.923)	95	1352			0.00-	37.77	5.72
-----									
35 2-Nitrophenol CAS #: 88-75-5									
5.127	5.128	( 0.938)	139	5577	4.00000	3.4	80.00-	120.00	100.00
5.125	5.127	( 0.938)	65	3638			33.65-	93.65	65.23
5.125	5.127	( 0.938)	109	1927			13.08-	73.08	34.55
-----									
36 2,4-Dimethylphenol CAS #: 105-67-9									
5.153	5.158	( 0.943)	122	7976	4.00000	3.3	80.00-	120.00	100.00
5.153	5.158	( 0.943)	107	12211			100.42-	160.42	153.10
5.153	5.158	( 0.943)	121	4979			27.73-	87.73	62.42
-----									
38 Bis(2-Chloroethoxy)methane CAS #: 111-91-1									
5.248	5.252	( 0.961)	93	14922	4.00000	3.8	80.00-	120.00	100.00
5.248	5.252	( 0.961)	95	4733			2.66-	62.66	31.72
5.248	5.252	( 0.961)	123	1912			0.00-	43.79	12.81
-----									
40 Benzoic Acid CAS #: 65-85-0									
5.206	5.267	( 0.953)	122	3530	4.00000	6.8	80.00-	120.00	100.00
5.207	5.267	( 0.953)	105	4591			114.27-	174.27	130.06
5.207	5.267	( 0.953)	77	4084			94.81-	154.81	115.69
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
41 2,4-Dichlorophenol					CAS #: 120-83-2				
5.339	5.342	( 0.977)	162	10039	4.00000	3.6	80.00-	120.00	100.00
5.338	5.342	( 0.977)	164	6477			34.34-	94.34	64.52
5.338	5.342	( 0.977)	98	3536			8.30-	68.30	35.22
-----									
42 1,2,4-Trichlorobenzene					CAS #: 120-82-1				
5.424	5.427	( 0.993)	180	11344	4.00000	3.6	80.00-	120.00	100.00
5.424	5.427	( 0.993)	182	12280			69.17-	129.17	108.25
5.423	5.427	( 0.993)	145	3965			0.41-	60.41	34.95
-----									
* 43 Naphthalene-d8					CAS #: 1146-65-2				
5.463	5.463	( 1.000)	136	319508	40.0000		80.00-	120.00	100.00
5.463	5.463	( 1.000)	68	24212			0.00-	37.51	7.58
-----									
44 Naphthalene					CAS #: 91-20-3				
5.482	5.486	( 1.003)	128	32589	4.00000	3.8	80.00-	120.00	100.00
5.483	5.485	( 1.004)	129	3322			0.00-	40.78	10.19
5.483	5.486	( 1.004)	127	3966			0.00-	42.17	12.17
-----									
45 4-Chloroaniline					CAS #: 106-47-8				
5.550	5.552	( 1.016)	127	12663	4.00000	3.6	80.00-	120.00	100.00
5.550	5.552	( 1.016)	129	4307			2.29-	62.29	34.01
5.549	5.551	( 1.016)	65	4885			8.57-	68.57	38.58
-----									
48 Hexachlorobutadiene					CAS #: 87-68-3				
5.653	5.654	( 1.035)	225	8524	4.00000	3.8	80.00-	120.00	100.00
5.653	5.654	( 1.035)	223	5119			31.81-	91.81	60.05
5.653	5.654	( 1.035)	227	5356			34.78-	94.78	62.83
-----									
51 4-Chloro-3-methylphenol					CAS #: 59-50-7				
6.007	6.009	( 1.099)	107	10951	4.00000	3.6	80.00-	120.00	100.00
6.005	6.009	( 1.099)	144	2082			0.00-	53.54	19.01
6.006	6.009	( 1.099)	142	7829			43.91-	103.91	71.49
-----									
53 2-Methylnaphthalene					CAS #: 91-57-6				
6.138	6.141	( 1.124)	142	20859	4.00000	3.6	80.00-	120.00	100.00
6.138	6.141	( 1.124)	141	18197			55.50-	115.50	87.24
-----									
54 1-Methylnaphthalene					CAS #: 90-12-0				
6.243	6.247	( 1.143)	142	19949	4.00000	3.8	80.00-	120.00	100.00
6.244	6.247	( 1.143)	141	17675			58.78-	118.78	88.60
-----									
55 Hexachlorocyclopentadiene					CAS #: 77-47-4				
6.360	6.360	( 0.887)	237	4325	4.00000	7.4	80.00-	120.00	100.00(M)
6.360	6.360	( 0.887)	235	2657			33.42-	93.42	61.43
6.360	6.360	( 0.887)	272	0	0.00	0.00	0.00-	41.88	0.00
-----									
57 2,4,6-Trichlorophenol					CAS #: 88-06-2				
6.435	6.438	( 0.898)	196	7699	4.00000	3.6	80.00-	120.00	100.00
6.435	6.438	( 0.898)	198	7439			67.54-	127.54	96.62
6.435	6.438	( 0.898)	200	2020			1.18-	61.18	26.24
-----									
58 2,4,5-Trichlorophenol					CAS #: 95-95-4				
6.471	6.472	( 0.903)	196	8297	4.00000	3.6	80.00-	120.00	100.00

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
58 2,4,5-Trichlorophenol (continued)									
6.471	6.472	( 0.903)	198	7549			64.33-	124.33	90.98
6.470	6.472	( 0.903)	97	4542			27.55-	87.55	54.74
-----									
\$ 59 2-Fluorobiphenyl (SURR) CAS #: 321-60-8									
6.511	6.514	( 0.908)	172	27317	4.00000	3.8	80.00-	120.00	100.00
6.511	6.514	( 0.909)	171	8969			4.90-	64.90	32.83
-----									
62 2-Chloronaphthalene CAS #: 91-58-7									
6.607	6.610	( 0.922)	162	22542	4.00000	3.8	80.00-	120.00	100.00
6.607	6.610	( 0.922)	164	6848			1.75-	61.75	30.38
6.606	6.610	( 0.922)	127	8475			8.71-	68.71	37.60
-----									
63 2-Nitroaniline CAS #: 88-74-4									
6.735	6.741	( 0.940)	65	6946	4.00000	3.3	80.00-	120.00	100.00
6.736	6.741	( 0.940)	92	4806			35.13-	95.13	69.19
6.736	6.741	( 0.940)	138	6504			59.53-	119.53	93.64
-----									
65 Dimethylphthalate CAS #: 131-11-3									
6.943	6.950	( 0.969)	163	26507	4.00000	3.8	80.00-	120.00	100.00
6.943	6.950	( 0.969)	194	1297			0.00-	35.76	4.89
6.943	6.949	( 0.969)	164	2561			0.00-	39.66	9.66
-----									
68 Acenaphthylene CAS #: 208-96-8									
7.017	7.020	( 0.979)	152	34578	4.00000	3.7	80.00-	120.00	100.00
7.017	7.020	( 0.979)	151	6878			0.00-	50.20	19.89
7.017	7.020	( 0.979)	153	4237			0.00-	43.02	12.25
-----									
67 2,6-Dinitrotoluene CAS #: 606-20-2									
7.009	7.015	( 0.978)	165	4950	4.00000	3.0	80.00-	120.00	100.00
7.008	7.015	( 0.978)	89	3720			39.45-	99.45	75.15
7.011	7.016	( 0.978)	63	5908			74.66-	134.66	119.35
-----									
69 3-Nitroaniline CAS #: 99-09-2									
7.138	7.146	( 0.996)	138	5063	4.00000	3.3	80.00-	120.00	100.00
7.136	7.146	( 0.996)	108	340			0.00-	42.35	6.72
7.139	7.145	( 0.996)	92	7015			104.62-	164.62	138.55
-----									
* 70 Acenaphthene-d10 CAS #: 15067-26-2									
7.167	7.167	( 1.000)	164	200153	40.0000		80.00-	120.00	100.00
7.167	7.168	( 1.000)	162	190719			66.12-	126.12	95.29
7.167	7.167	( 1.000)	160	84590			13.21-	73.21	42.26
-----									
71 Acenaphthene CAS #: 83-32-9									
7.197	7.201	( 1.004)	154	20203	4.00000	3.8	80.00-	120.00	100.00
7.197	7.200	( 1.004)	153	22765			77.18-	137.18	112.68
7.197	7.200	( 1.004)	152	10059			21.21-	81.21	49.79
-----									
72 2,4-Dinitrophenol CAS #: 51-28-5									
7.240	7.243	( 1.010)	184	823	4.00000	8.2	80.00-	120.00	100.00
7.240	7.242	( 1.010)	63	658			48.18-	108.18	79.95
7.235	7.242	( 1.010)	154	354			33.05-	93.05	43.01
-----									

AMOUNTS								
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====
74 4-Nitrophenol			CAS #: 100-02-7					
7.298	7.303	( 1.018)	109	3502	4.00000	2.6	80.00- 120.00	100.00
7.298	7.303	( 1.018)	139	3866			61.80- 121.80	110.39
7.297	7.303	( 1.018)	65	4996			80.41- 140.41	142.66
75 Dibenzofuran			CAS #: 132-64-9					
7.350	7.355	( 1.025)	168	30876	4.00000	3.7	80.00- 120.00	100.00
7.350	7.355	( 1.025)	139	13374			10.69- 70.69	43.32
76 2,4-Dinitrotoluene			CAS #: 121-14-2					
7.386	7.392	( 1.031)	165	6882	4.00000	3.3	80.00- 120.00	100.00
7.386	7.392	( 1.030)	63	3901			23.55- 83.55	56.68
7.386	7.392	( 1.031)	89	5653			51.82- 111.82	82.14
80 Diethylphthalate			CAS #: 84-66-2					
7.631	7.640	( 1.065)	149	26285	4.00000	3.8	80.00- 120.00	100.00
7.631	7.640	( 1.065)	177	5440			0.00- 51.79	20.70
7.631	7.640	( 1.065)	150	3310			0.00- 42.28	12.59
81 Fluorene			CAS #: 86-73-7					
7.687	7.690	( 1.072)	166	26040	4.00000	3.6	80.00- 120.00	100.00
7.687	7.690	( 1.072)	165	24366			61.04- 121.04	93.57
7.687	7.690	( 1.072)	167	3659			0.00- 43.06	14.05
82 4-Chlorophenyl-phenylether			CAS #: 7005-72-3					
7.688	7.690	( 1.073)	204	13687	4.00000	3.6	80.00- 120.00	100.00
7.688	7.690	( 1.073)	206	4469			2.85- 62.85	32.65
7.688	7.690	( 1.073)	141	9258			29.43- 89.43	67.64
84 4-Nitroaniline			CAS #: 100-01-6					
7.735	7.750	( 1.079)	138	5170	4.00000	3.8	80.00- 120.00	100.00
7.735	7.749	( 1.079)	92	2626			30.30- 90.30	50.79
7.735	7.749	( 1.079)	108	6175			85.44- 145.44	119.44
85 4,6-Dinitro-2-methylphenol			CAS #: 534-52-1					
7.780	7.790	( 0.900)	198	2498	4.00000	1.8	80.00- 120.00	100.00
7.780	7.789	( 0.900)	51	1498			21.07- 81.07	59.97
7.779	7.789	( 0.900)	105	1056			14.43- 74.43	42.27
86 N-Nitrosodiphenylamine			CAS #: 86-30-6					
7.807	7.814	( 0.903)	169	17338	4.00000	3.8	80.00- 120.00	100.00
7.807	7.815	( 0.903)	168	11360			41.33- 101.33	65.52
7.807	7.815	( 0.903)	167	6118			5.93- 65.93	35.29
87 1,2-Diphenylhydrazine			CAS #: 122-66-7					
7.839	7.845	( 1.094)	77	29992	4.00000	3.8	80.00- 120.00	100.00
7.840	7.845	( 1.094)	105	4318			0.00- 44.08	14.40
7.840	7.845	( 1.094)	182	6708			0.00- 53.69	22.37
\$ 88 2,4,6-Tribromophenol (SURR)			CAS #: 118-79-6					
7.940	7.946	( 1.108)	330	8515	8.00000	6.7	80.00- 120.00	100.00
7.940	7.946	( 1.108)	332	8246			65.21- 125.21	96.84
7.939	7.945	( 1.108)	141	3181			10.78- 70.78	37.36

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
====	=====	=====	====	=====	=====	=====	=====	=====	=====
93 4-Bromophenylphenylether					CAS #: 101-55-3				
8.161	8.163	( 0.944)	248	7934	4.00000	3.6	80.00- 120.00	100.00	
8.161	8.163	( 0.944)	250	7732			66.63- 126.63	97.45	
8.161	8.162	( 0.944)	141	6724			49.24- 109.24	84.75	
-----									
94 Hexachlorobenzene					CAS #: 118-74-1				
8.304	8.307	( 0.960)	284	9342	4.00000	3.7	80.00- 120.00	100.00	
8.304	8.307	( 0.960)	142	3602			10.52- 70.52	38.56	
8.304	8.307	( 0.960)	249	2601			1.60- 61.60	27.84	
-----									
96 Pentachlorophenol					CAS #: 87-86-5				
8.477	8.480	( 0.980)	266	3603	4.00000	7.6	80.00- 120.00	100.00	
8.478	8.481	( 0.980)	264	1873			33.54- 93.54	51.98	
8.478	8.481	( 0.980)	268	1854			34.39- 94.39	51.46	
-----									
* 100 Phenanthrene-d10					CAS #: 1517-22-2				
8.601	8.604	( 1.000)	188	354374	40.00000		80.00- 120.00	100.00(H)	
8.600	8.604	( 1.000)	94	37575			0.00- 40.39	10.60	
8.600	8.603	( 1.000)	80	40467			0.00- 41.55	11.42	
-----									
101 Phenanthrene					CAS #: 85-01-8				
8.621	8.626	( 0.997)	178	37658	4.00000	3.8	80.00- 120.00	100.00(H)	
8.620	8.626	( 0.997)	179	5757			0.00- 45.20	15.29	
8.621	8.626	( 0.997)	176	7299			0.00- 48.69	19.38	
-----									
103 Anthracene					CAS #: 120-12-7				
8.664	8.670	( 1.002)	178	33531	4.00000	3.8	80.00- 120.00	100.00	
8.666	8.670	( 1.002)	179	4600			0.00- 45.53	13.72	
8.665	8.670	( 1.002)	176	5977			0.00- 49.11	17.83	
-----									
104 Carbazole					CAS #: 86-74-8				
8.825	8.830	( 1.021)	167	32000	4.00000	3.7	80.00- 120.00	100.00	
8.825	8.830	( 1.021)	139	4034			0.00- 43.72	12.61	
8.824	8.830	( 1.020)	83	2822			0.00- 39.70	8.82	
-----									
105 Di-n-butylphthalate					CAS #: 84-74-2				
9.224	9.227	( 1.067)	149	39275	4.00000	3.3	80.00- 120.00	100.00	
9.224	9.227	( 1.067)	150	3740			0.00- 39.16	9.52	
9.224	9.227	( 1.067)	104	2429			0.00- 36.36	6.18	
-----									
109 Fluoranthene					CAS #: 206-44-0				
9.793	9.797	( 1.132)	202	38728	4.00000	3.6	80.00- 120.00	100.00	
9.793	9.796	( 1.132)	101	4446			0.00- 41.60	11.48	
9.793	9.797	( 1.132)	203	6339			0.00- 47.37	16.37	
-----									
111 Pyrene					CAS #: 129-00-0				
10.013	10.016	( 0.893)	202	40317	4.00000	3.8	80.00- 120.00	100.00	
10.013	10.016	( 0.893)	200	8446			0.00- 50.33	20.95	
10.013	10.016	( 0.893)	203	7462			0.00- 47.92	18.51	
-----									
\$ 112 Terphenyl-d14 (SURR)					CAS #: 1718-51-0				
10.175	10.179	( 0.908)	244	30902	4.00000	3.7	80.00- 120.00	100.00	
10.175	10.178	( 0.908)	122	3255			0.00- 40.67	10.53	



AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
\$ 112 Terphenyl-d14 (SURR) (continued)									
10.175	10.179	( 0.908)	212	2581			0.00-	37.92	8.35
-----									
118 Butylbenzylphthalate						CAS #: 85-68-7			
10.690	10.690	( 0.954)	149	16540	4.00000	3.2	80.00-	120.00	100.00
10.690	10.691	( 0.954)	91	12764			45.72-	105.72	77.17
10.690	10.692	( 0.954)	206	3604			0.00-	51.71	21.79
-----									
120 Benzo[a]anthracene						CAS #: 56-55-3			
11.191	11.194	( 0.998)	228	38662	4.00000	3.7	80.00-	120.00	100.00
11.191	11.194	( 0.998)	229	7652			0.00-	49.13	19.79
11.191	11.194	( 0.998)	226	10150			0.00-	57.06	26.25
-----									
* 121 Chrysene-d12						CAS #: 1719-03-5			
11.209	11.211	( 1.000)	240	397270	40.00000		80.00-	120.00	100.00
11.208	11.210	( 1.000)	120	41334			0.00-	40.02	10.40
11.209	11.210	( 1.000)	236	96278			0.00-	54.50	24.23
-----									
123 Chrysene						CAS #: 218-01-9			
11.231	11.238	( 1.002)	228	39031	4.00000	3.8	80.00-	120.00	100.00
11.232	11.238	( 1.002)	226	11239			0.00-	59.08	28.80
11.231	11.238	( 1.002)	229	7473			0.00-	49.34	19.15
-----									
124 Bis-2-Ethylhexylphthalate						CAS #: 117-81-7			
11.274	11.275	( 1.006)	149	23301	4.00000	3.3	80.00-	120.00	100.00
11.275	11.276	( 1.006)	167	7055			0.00-	59.84	30.28
11.275	11.276	( 1.006)	279	1418			0.00-	37.67	6.09
-----									
125 Di-n-octylphthalate						CAS #: 117-84-0			
11.840	11.842	( 0.945)	149	36621	4.00000	7.6	80.00-	120.00	100.00
11.840	11.843	( 0.945)	167	325			0.00-	31.49	0.89
11.839	11.842	( 0.945)	43	3586			0.00-	38.92	9.79
-----									
127 Benzo[b]fluoranthene						CAS #: 205-99-2			
12.190	12.198	( 0.973)	252	36225	4.00000	3.3	80.00-	120.00	100.00(M)
12.190	12.198	( 0.973)	253	9020			0.00-	52.25	24.90
12.190	12.219	( 0.973)	125	2976			0.00-	48.56	8.22
-----									
128 Benzo[k]fluoranthene						CAS #: 207-08-9			
12.214	12.220	( 0.975)	252	50540	4.00000	4.2	80.00-	120.00	100.00(M)
12.214	12.220	( 0.975)	253	12907			0.00-	52.11	25.54
12.214	12.219	( 0.975)	125	4309			0.00-	46.79	8.53
-----									
129 Benzo[a]pyrene						CAS #: 50-32-8			
12.476	12.484	( 0.996)	252	35481	4.00000	3.6	80.00-	120.00	100.00(H)
12.476	12.484	( 0.996)	253	10030			0.00-	51.58	28.27
12.475	12.484	( 0.996)	125	3233			0.00-	39.66	9.11
-----									
* 130 Perylene-d12						CAS #: 1520-96-3			
12.531	12.532	( 1.000)	264	376782	40.00000		80.00-	120.00	100.00
12.531	12.533	( 1.000)	260	83297			0.00-	52.70	22.11
12.531	12.532	( 1.000)	265	80232			0.00-	52.11	21.29
-----									

AMOUNTS										
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO	
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	
133 Indeno[1,2,3-cd]pyrene						CAS #: 193-39-5				
13.557	13.569	( 1.082)	276	39521	4.00000	3.5	80.00-	120.00	100.00	
13.559	13.570	( 1.082)	138	8797			0.00-	53.00	22.26	
13.557	13.570	( 1.082)	277	10665			0.00-	55.19	26.99	
-----										
134 Dibenz[a,h]anthracene						CAS #: 53-70-3				
13.565	13.574	( 1.083)	278	31654	4.00000	3.3	80.00-	120.00	100.00	
13.564	13.573	( 1.082)	139	5673			0.00-	45.33	17.92	
13.564	13.574	( 1.082)	279	7652			0.00-	53.44	24.17	
-----										
135 Benzo[g,h,i]perylene						CAS #: 191-24-2				
13.838	13.852	( 1.104)	276	34446	4.00000	3.9	80.00-	120.00	100.00	
13.837	13.852	( 1.104)	138	6190			0.00-	48.86	17.97	
13.838	13.852	( 1.104)	277	7854			0.00-	53.33	22.80	
-----										

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

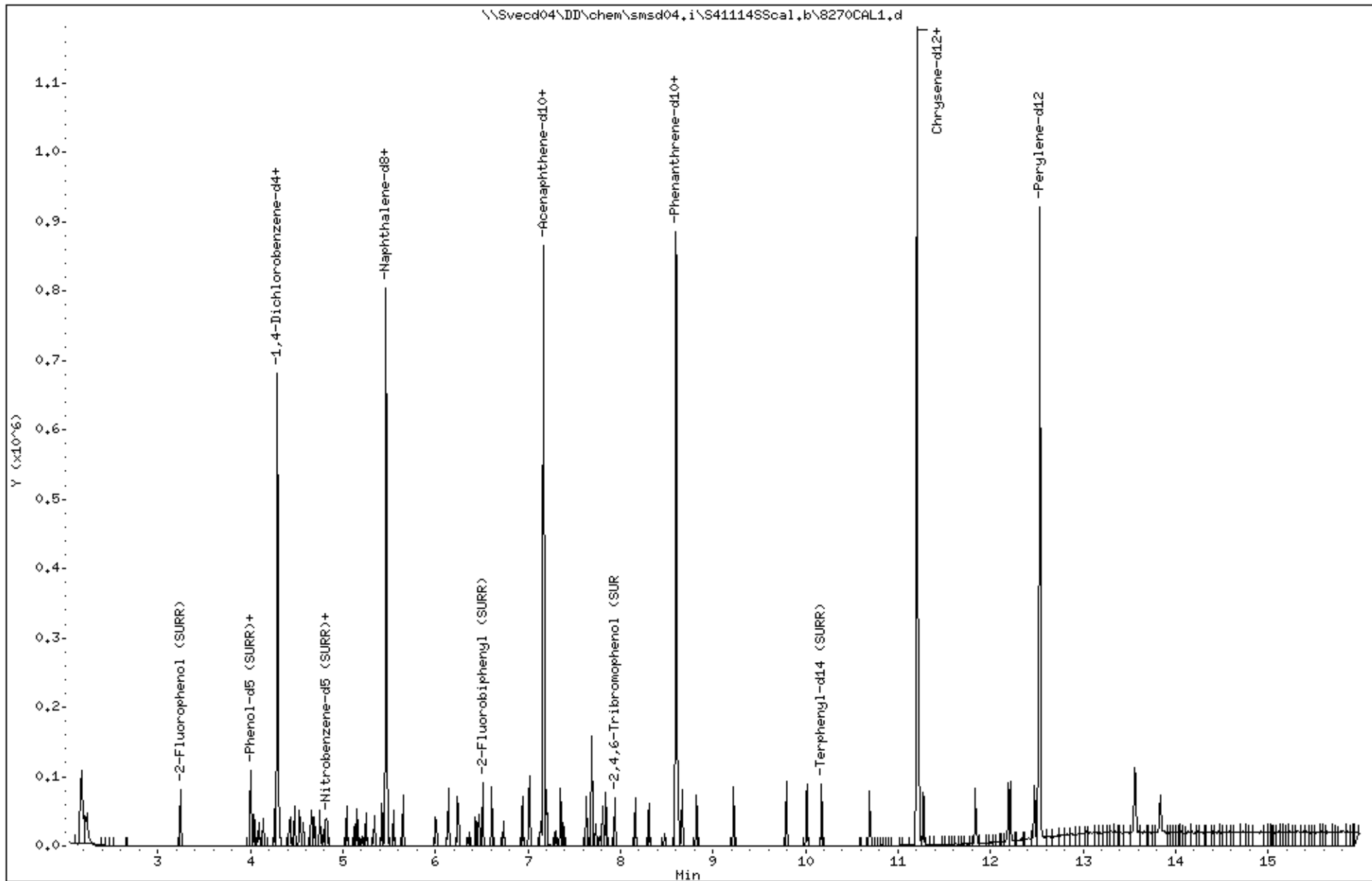
Sample Info: 47769

Instrument: smsd04.i

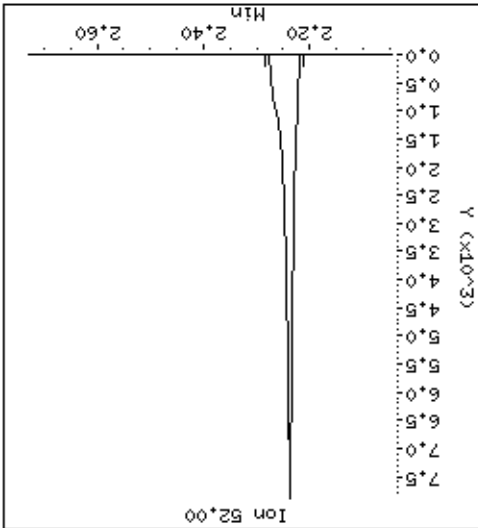
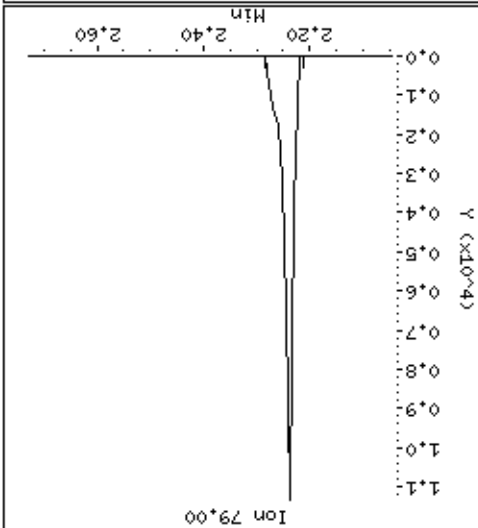
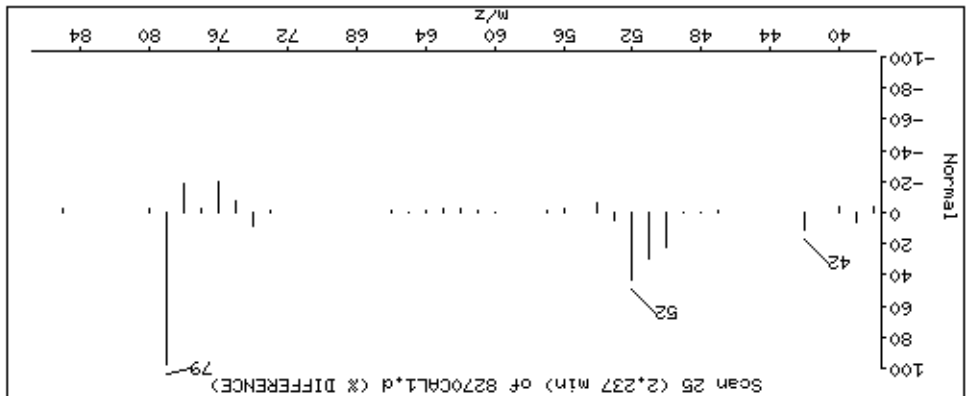
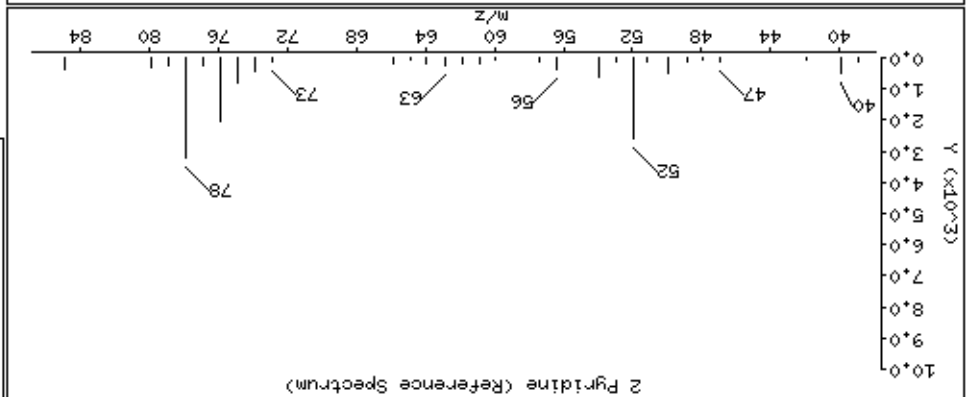
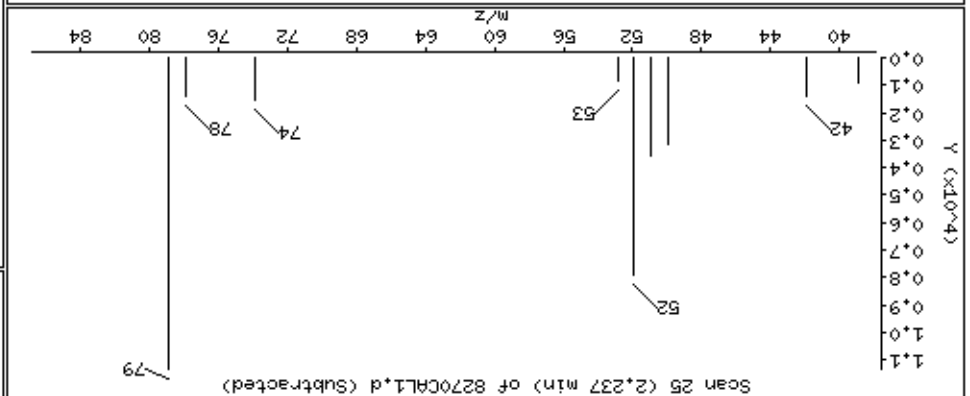
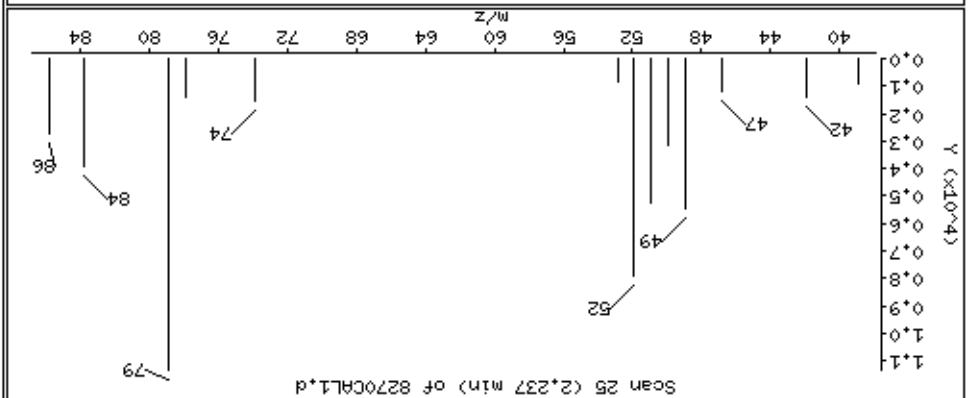
Operator: MJ

Column diameter: 0.25

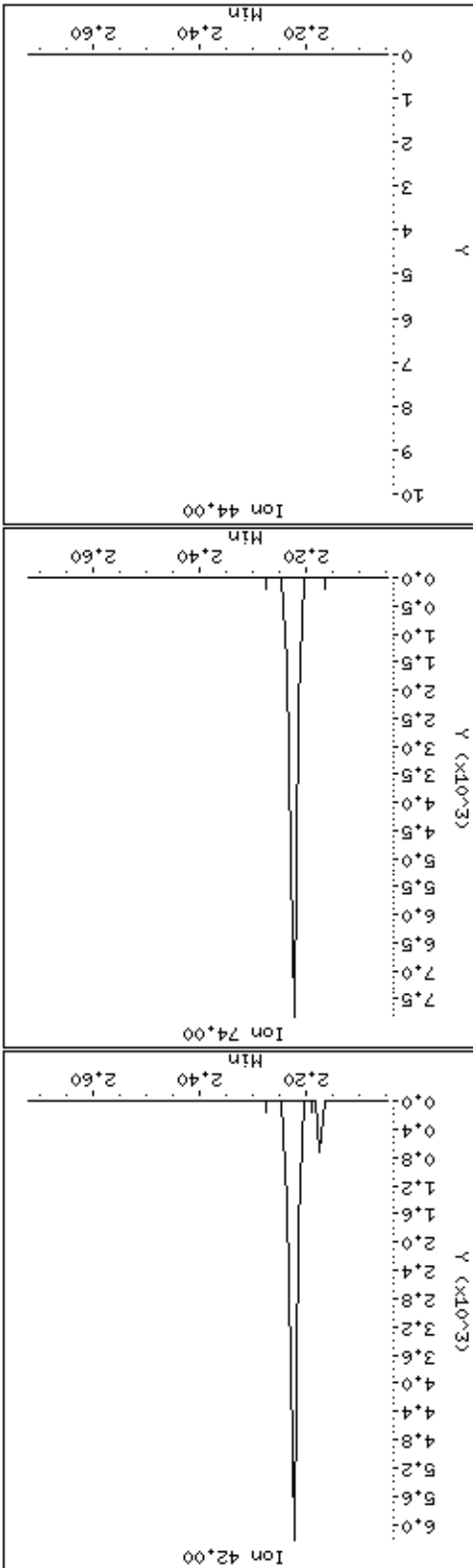
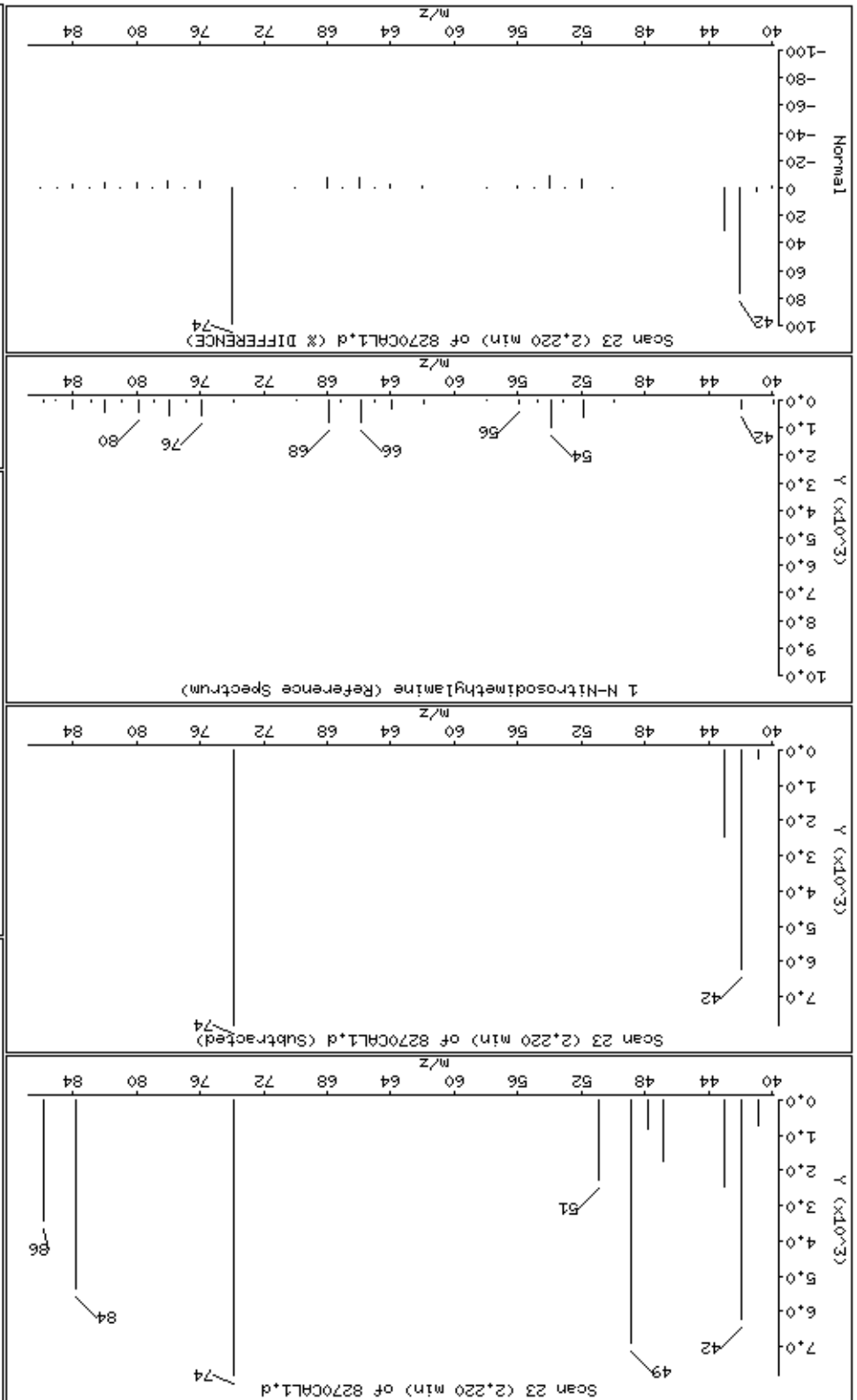
Column phase: HPMS-5



2 Pyridine



1-N-Nitrosodimethylamine



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

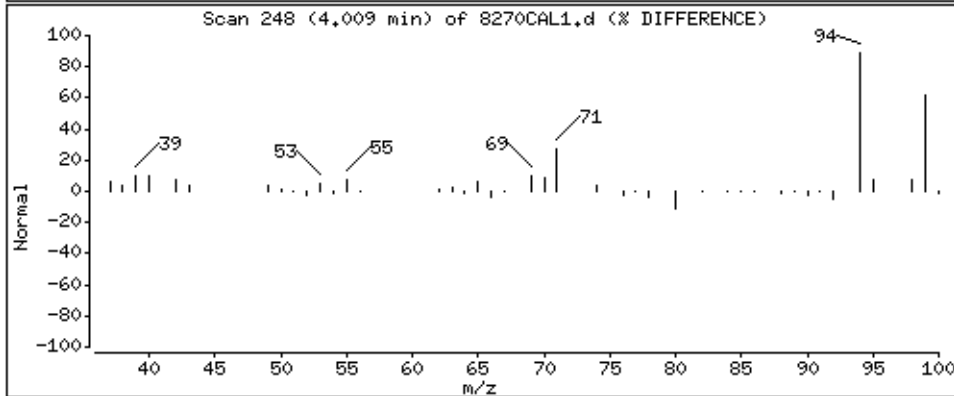
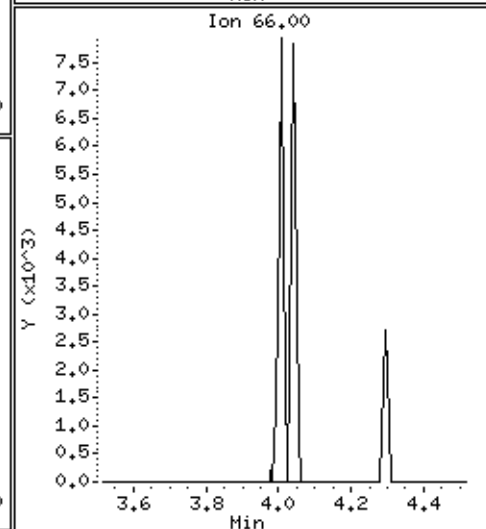
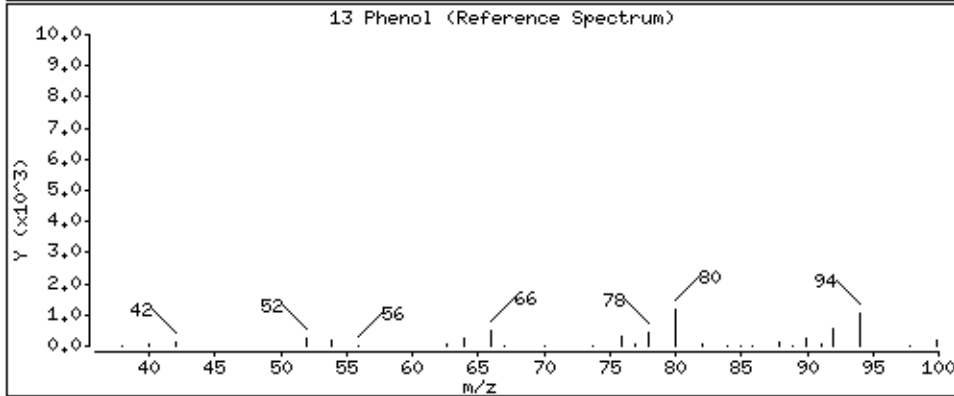
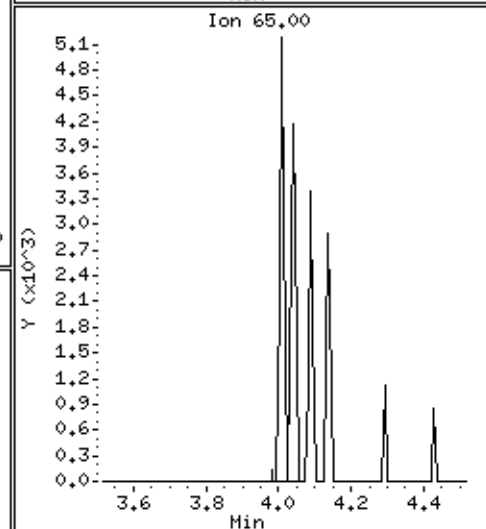
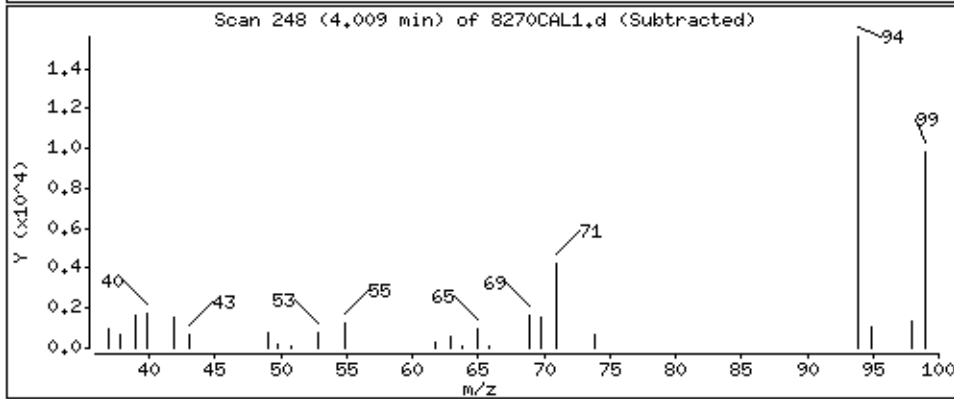
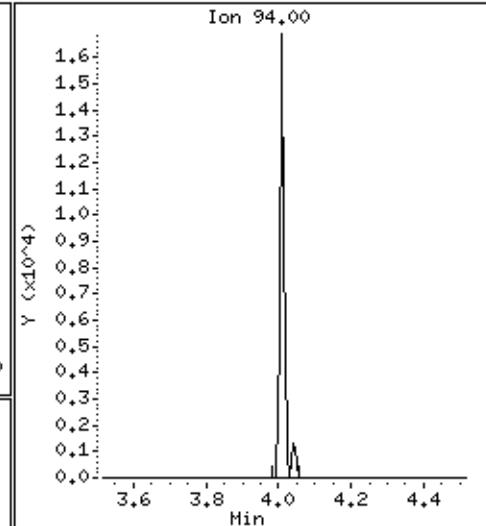
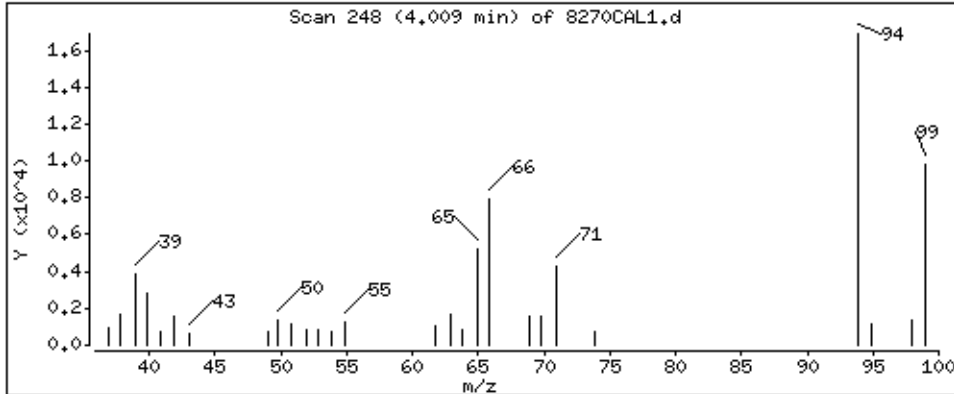
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

13 Phenol

Concentration: 3,3 ug/kg



Date: 15-NOV-2012 00:46

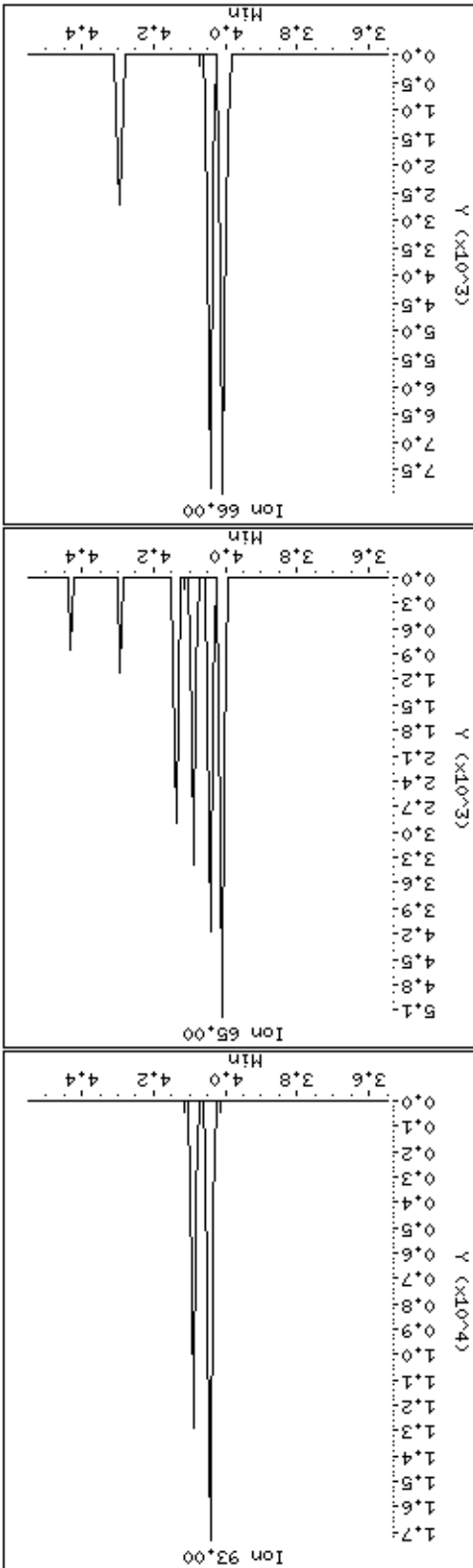
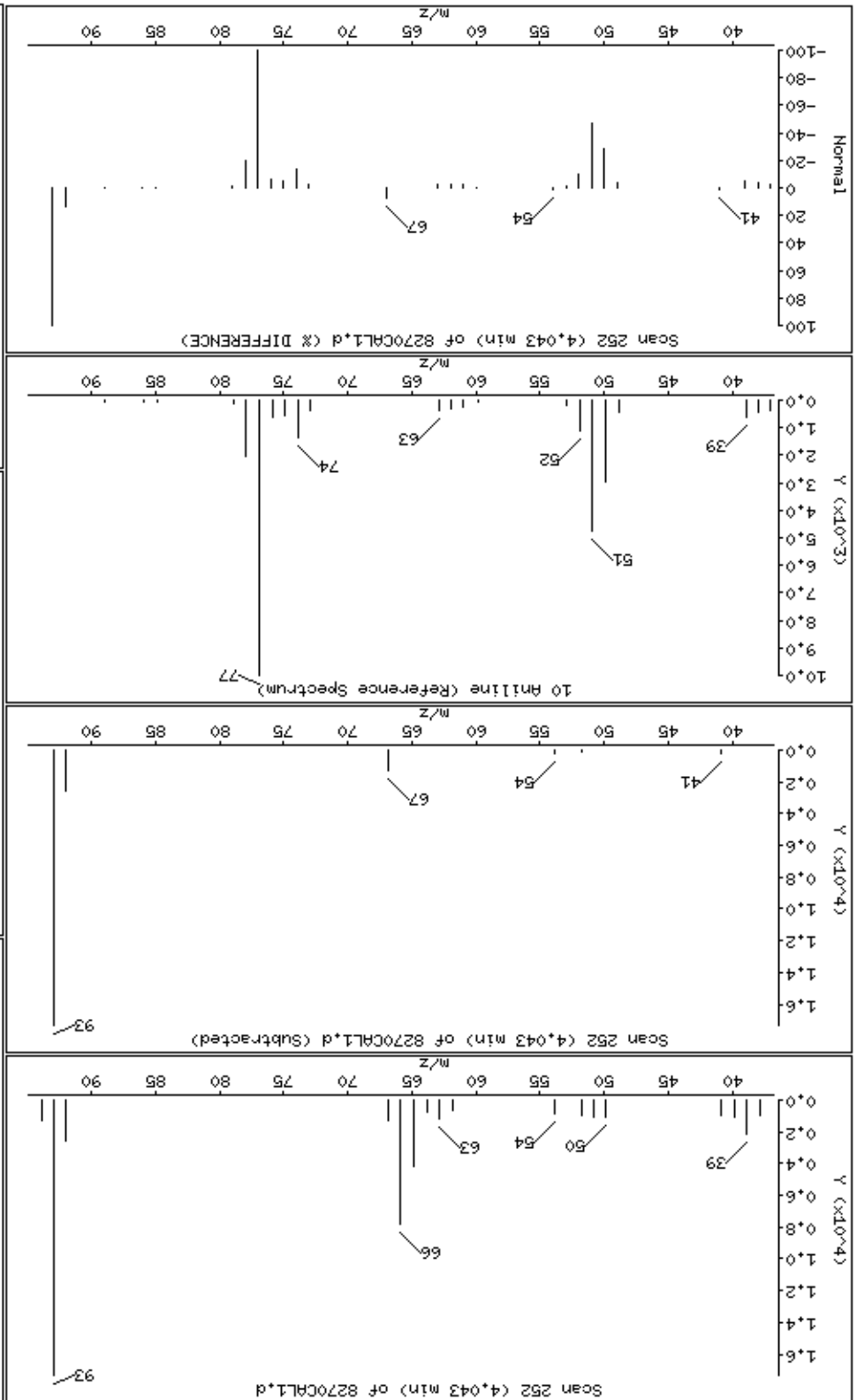
Client ID: 8270CALL1

Sample Info: 47769

Operator: MJ

Column diameter: 0.25

Concentration: 4.0 ug/kg



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

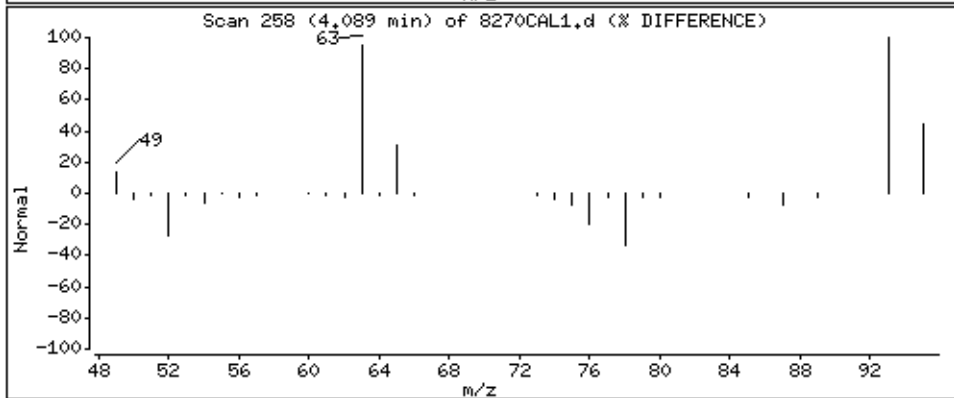
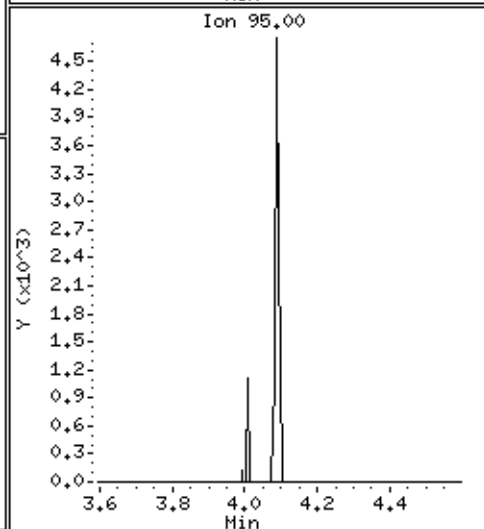
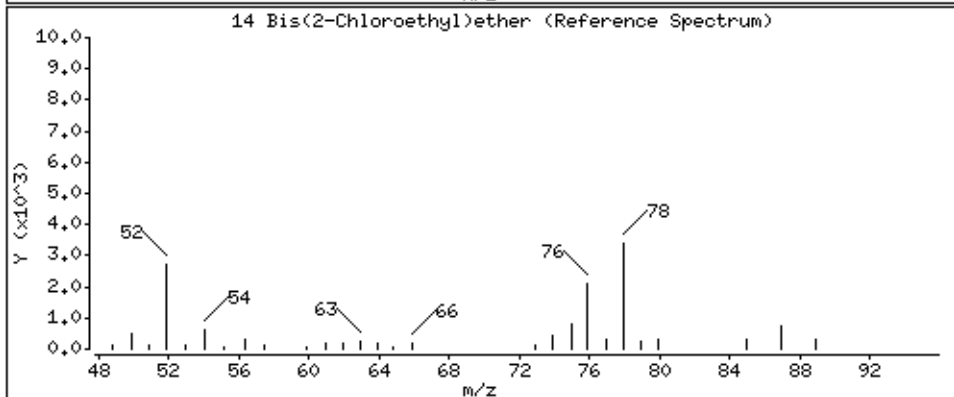
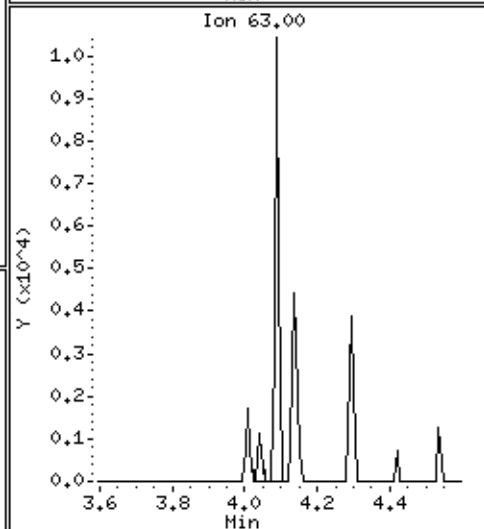
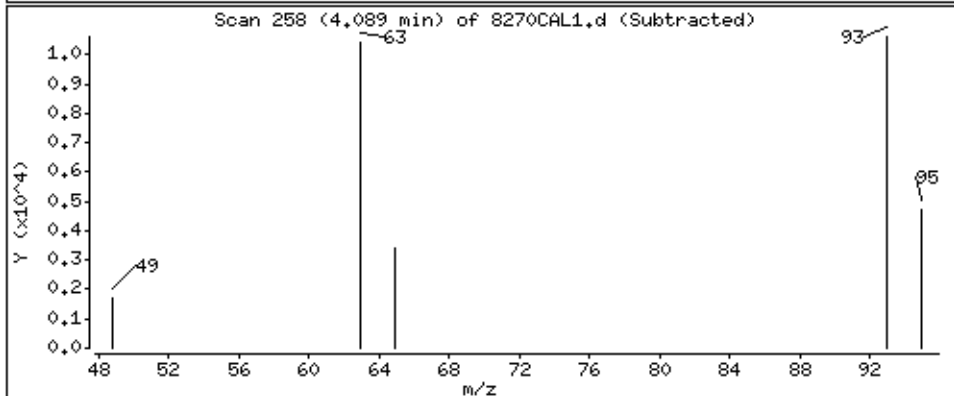
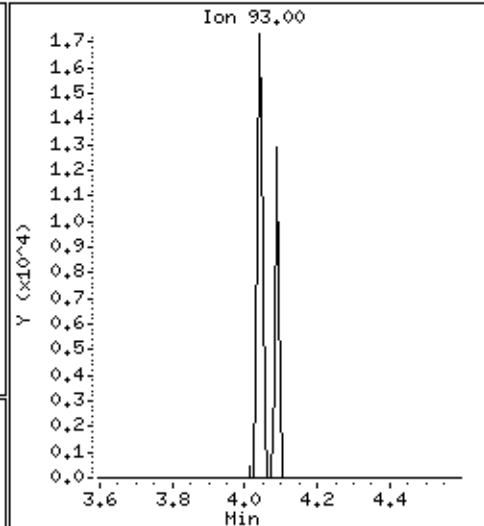
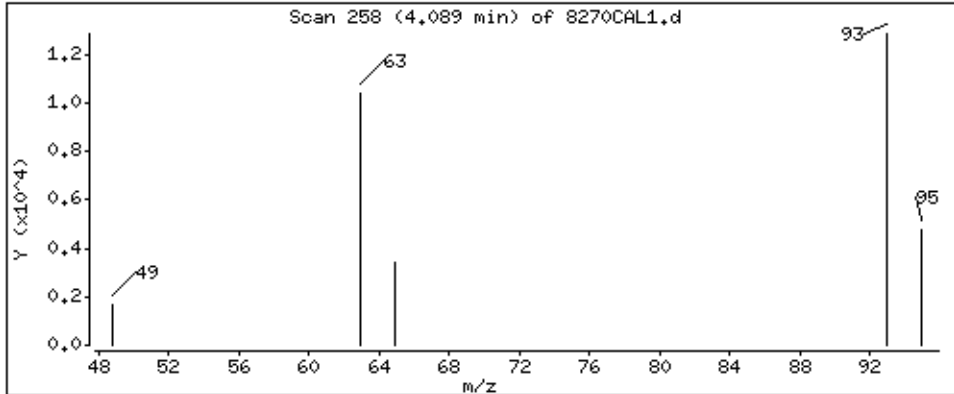
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

14 Bis(2-Chloroethyl)ether

Concentration: 3,5 ug/kg





Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

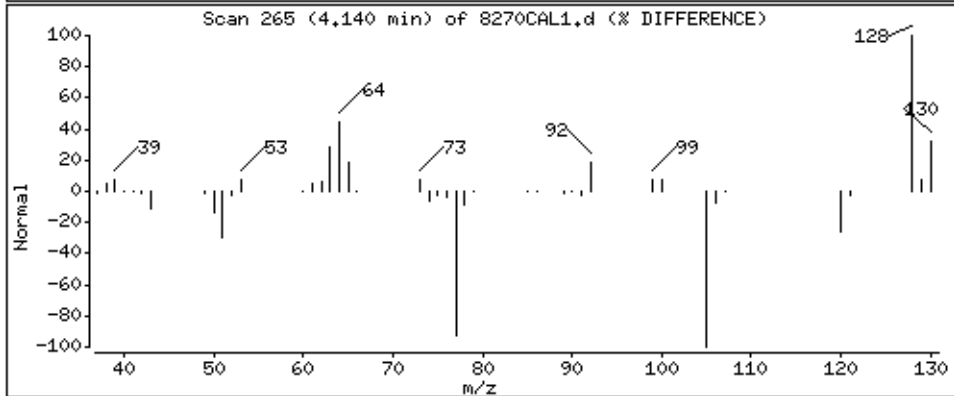
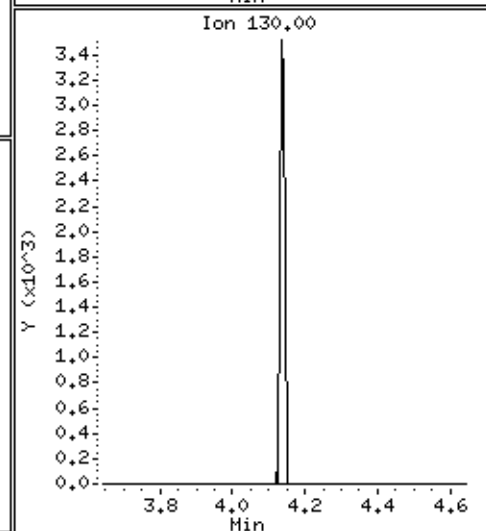
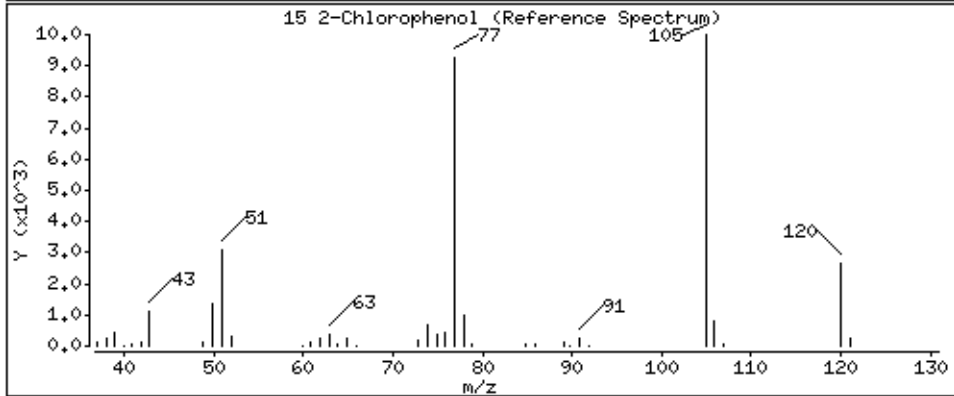
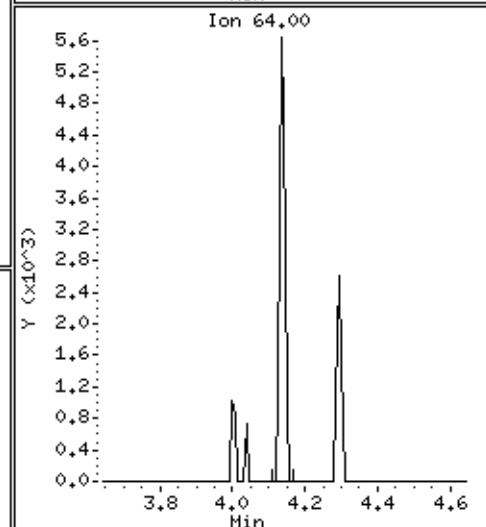
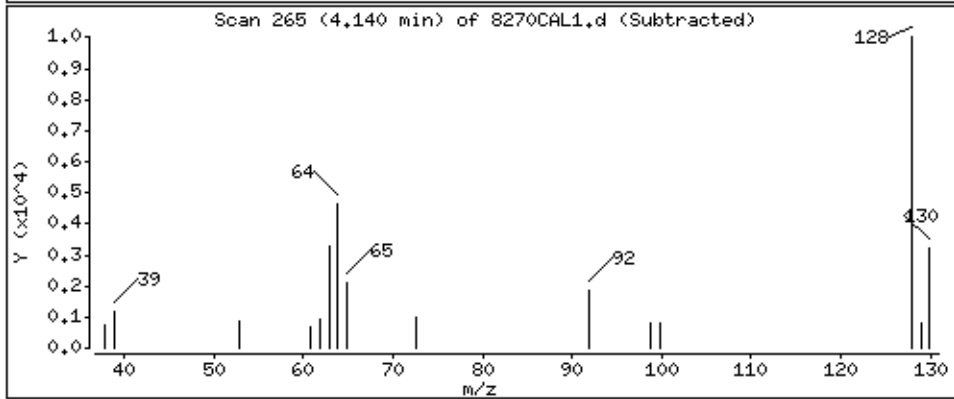
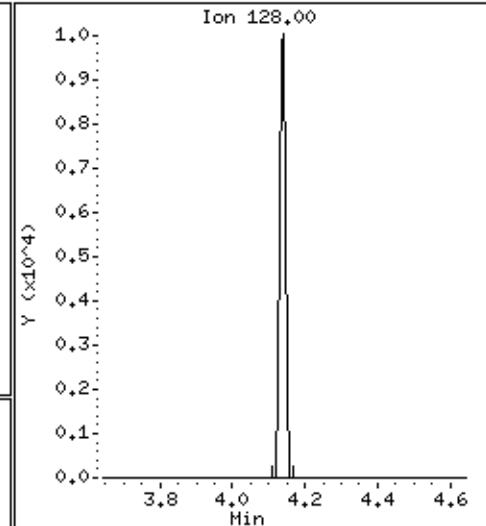
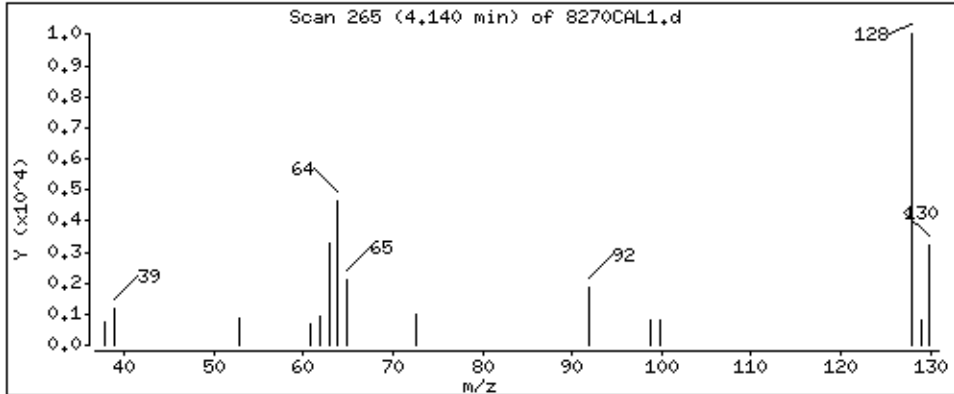
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

15 2-Chlorophenol

Concentration: 3,7 ug/kg



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

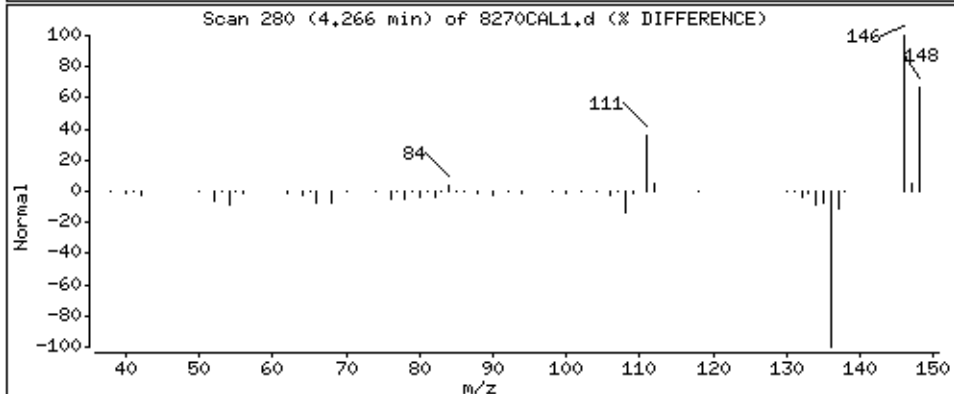
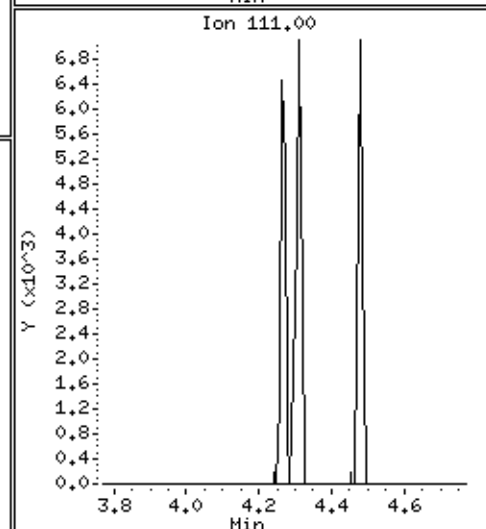
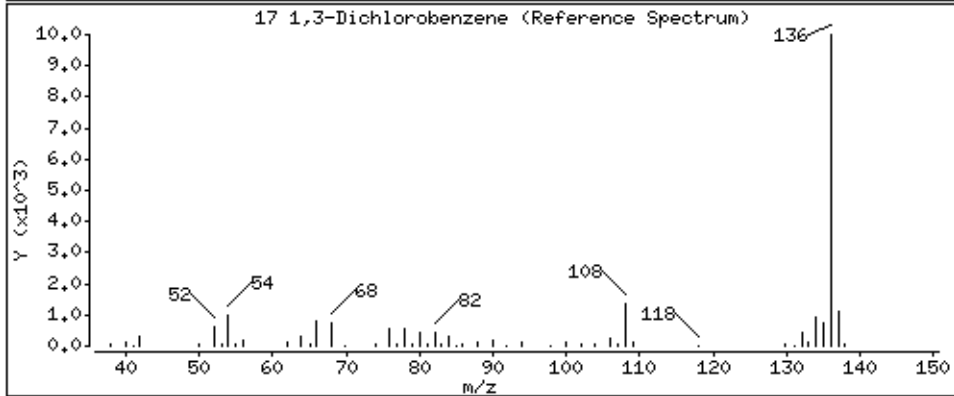
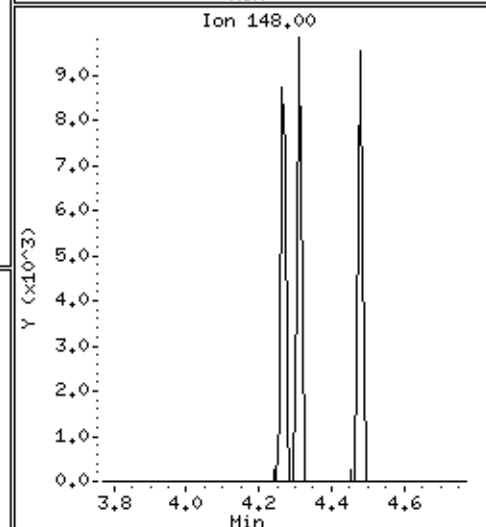
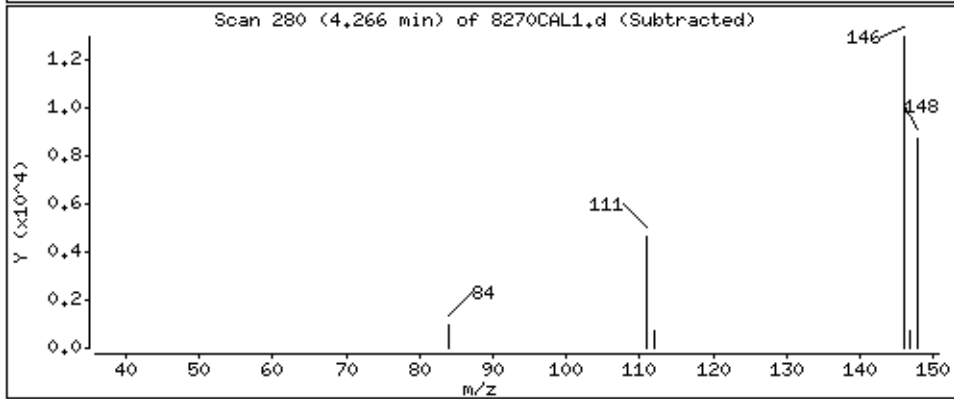
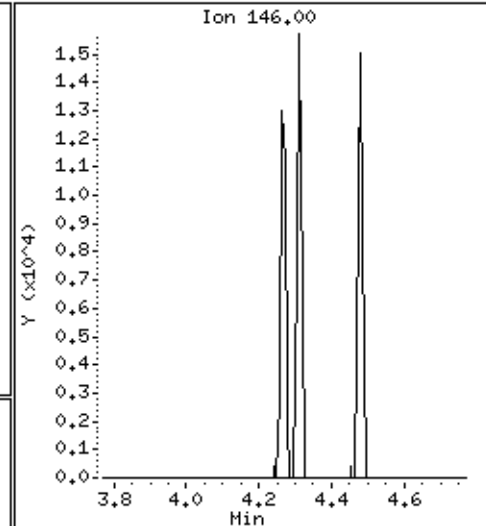
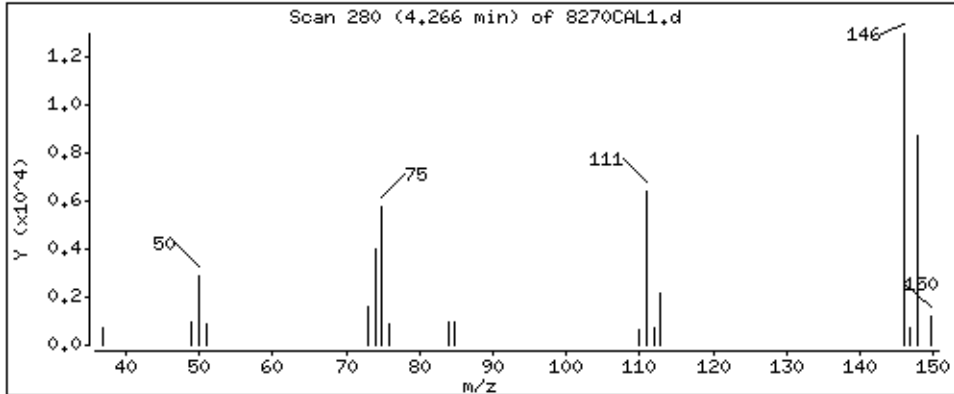
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

17 1,3-Dichlorobenzene

Concentration: 3,7 ug/kg



Date: 15-NOV-2012 00:46

Client ID: 8270CAL1

Sample Info: 47769

Operator: MJ

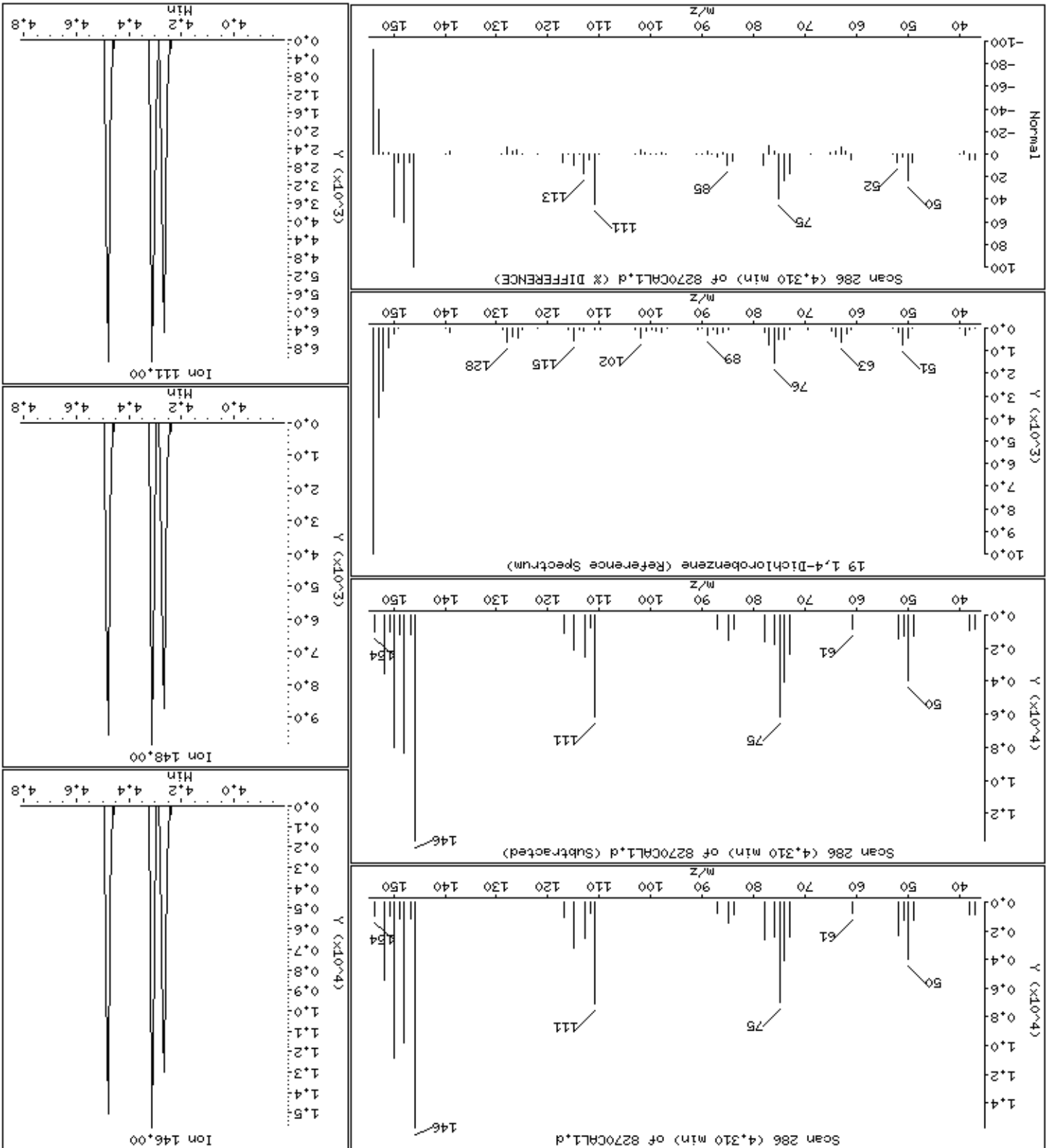
Column diameter: 0.25

Concentration: 3.6 ug/kg

Instrument: smsd04.1

19 1,4-Dichlorobenzene

Column phase: HPMS-5



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

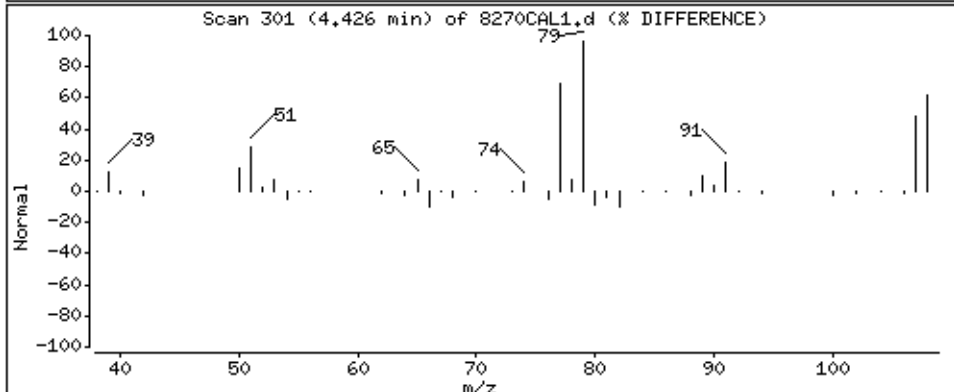
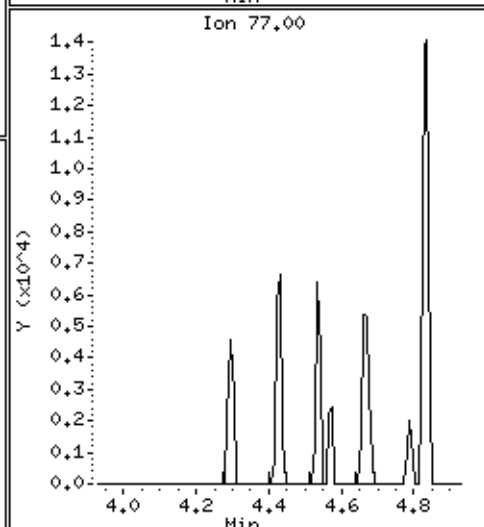
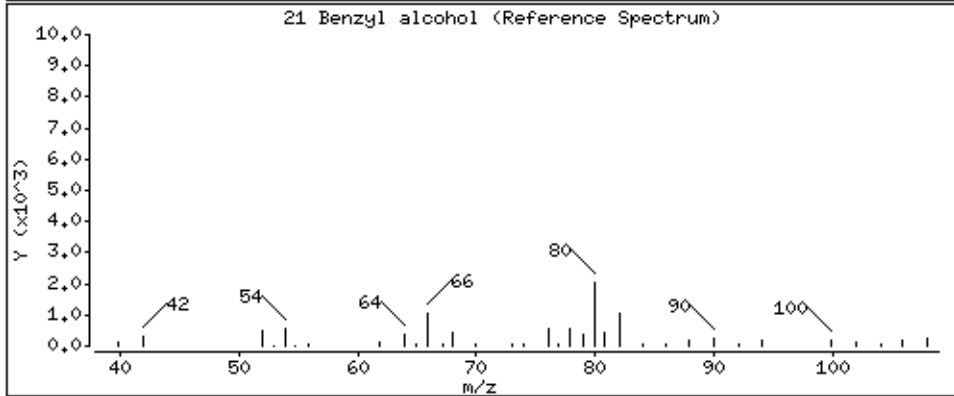
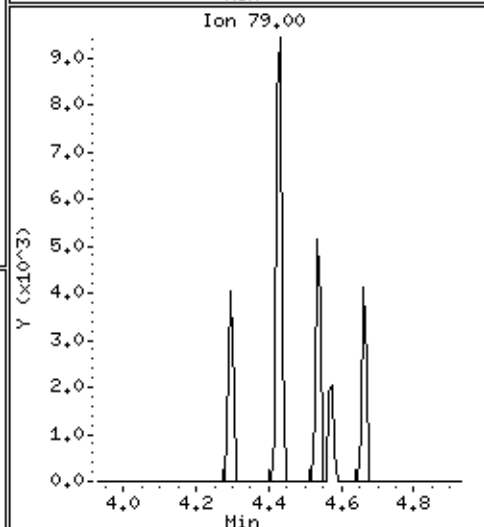
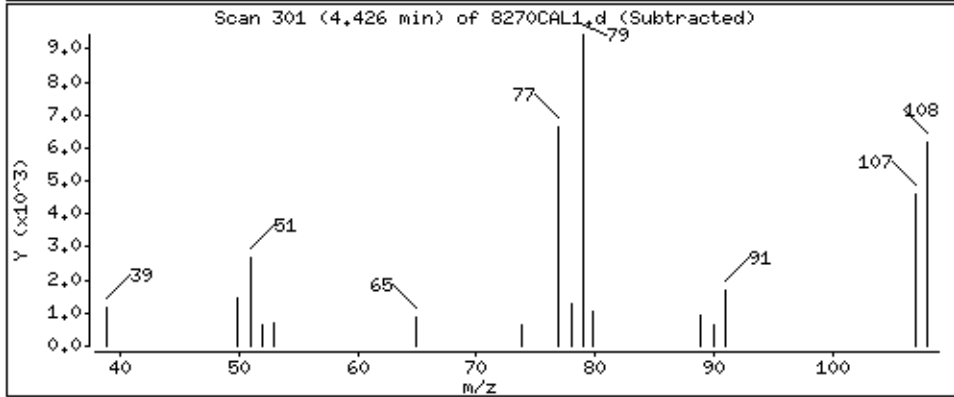
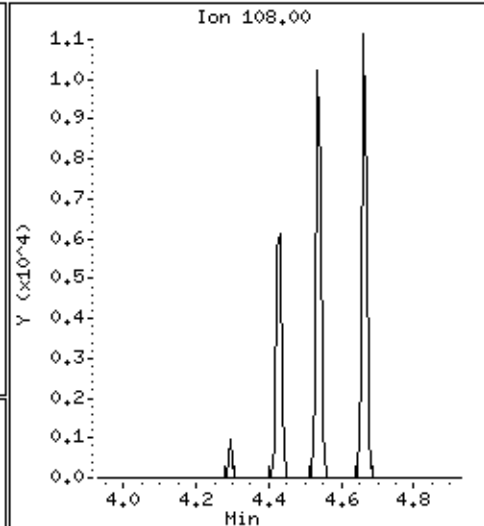
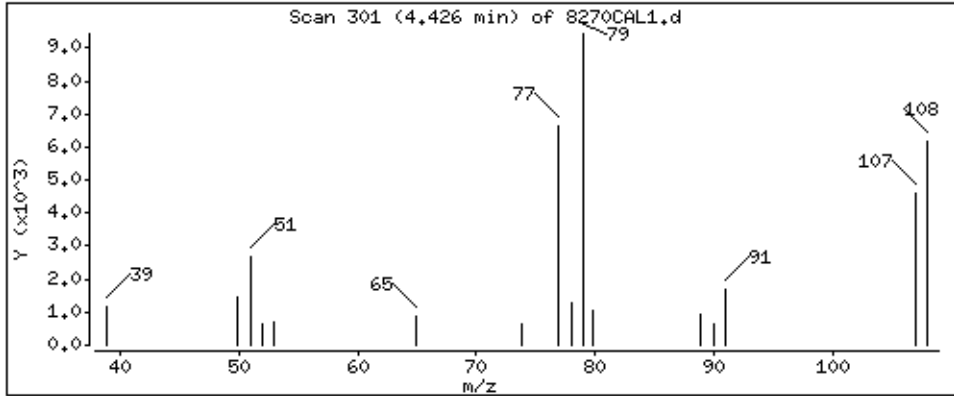
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

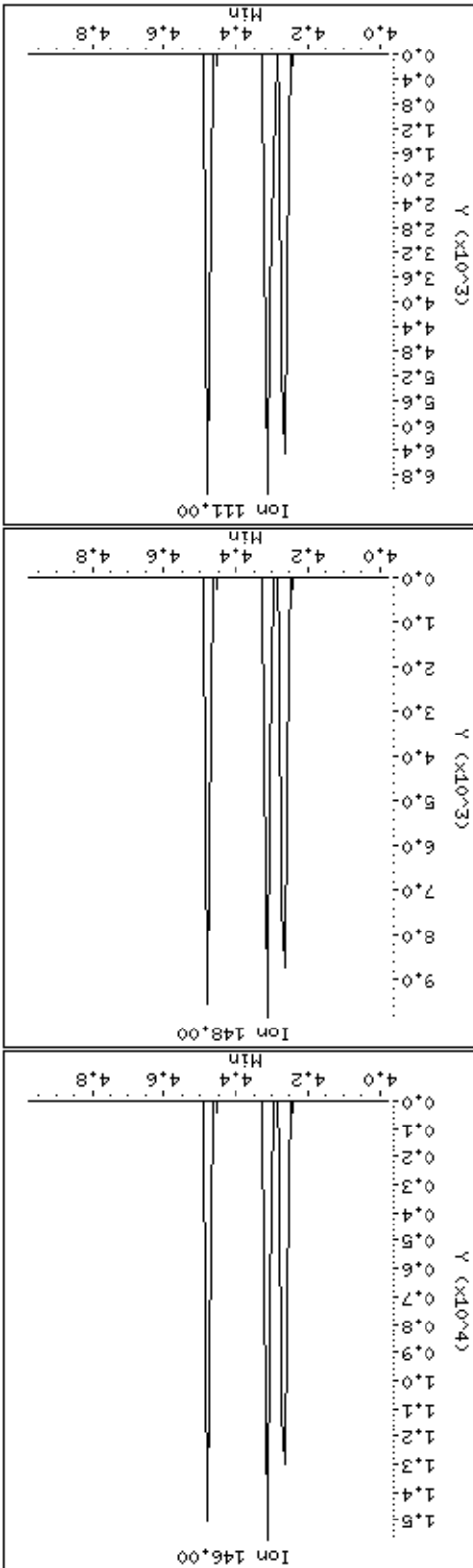
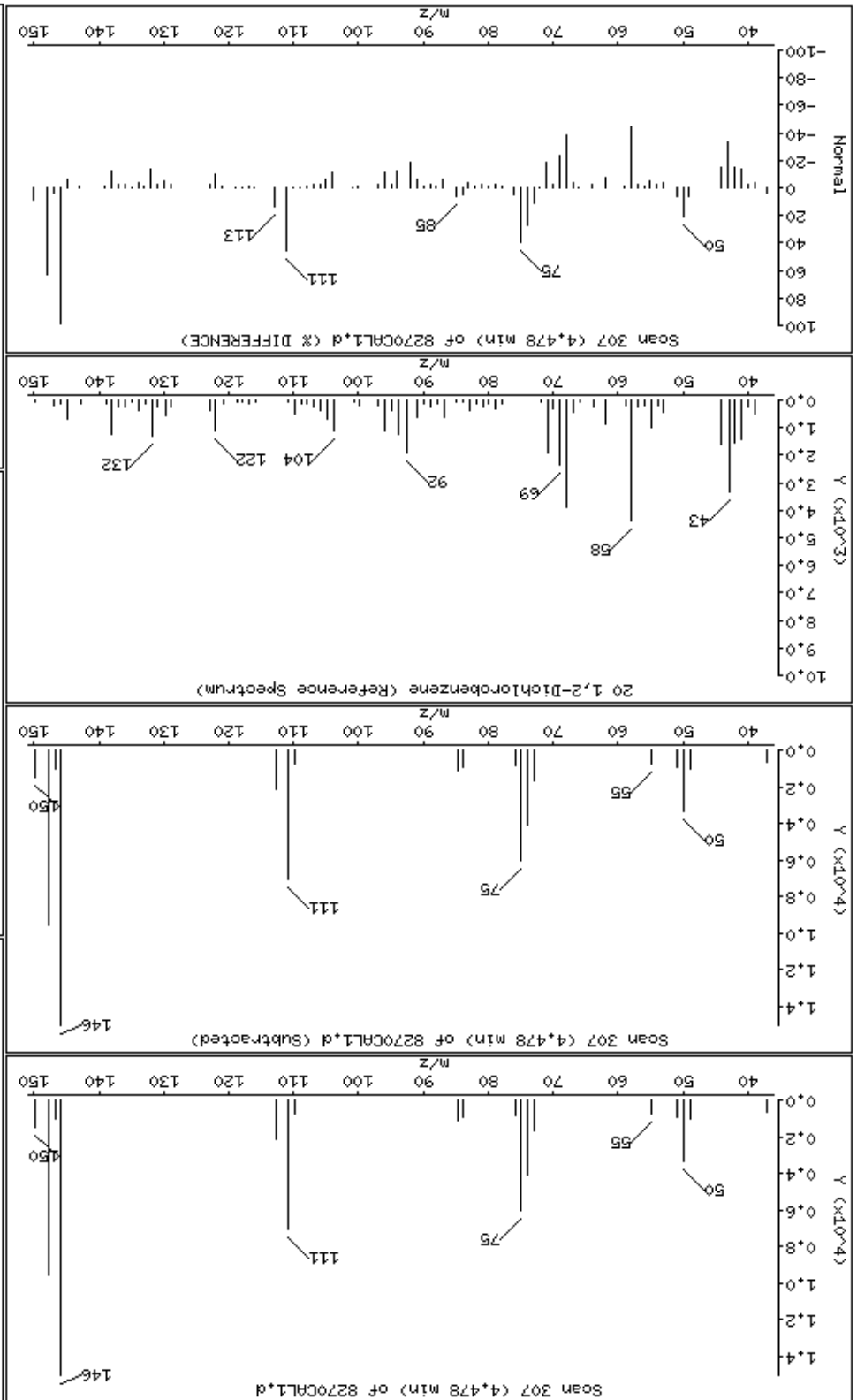
21 Benzyl alcohol

Concentration: 3,3 ug/kg



20 1,2-Dichlorobenzene

Column phase: HPMS-5



Normal

Y (x10<sup>3</sup>)

Y (x10<sup>4</sup>)

Y (x10<sup>4</sup>)

Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

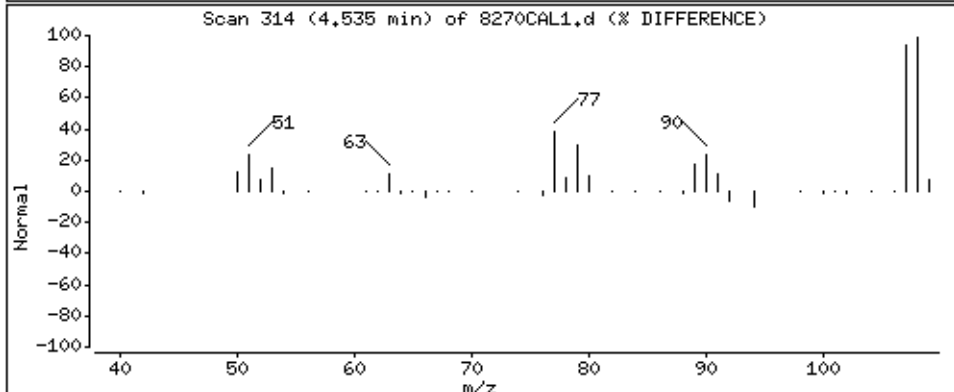
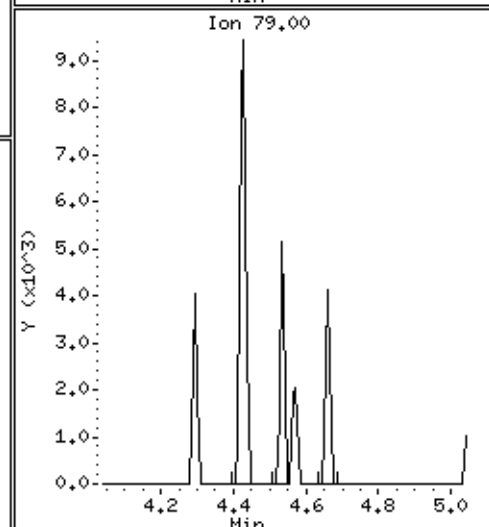
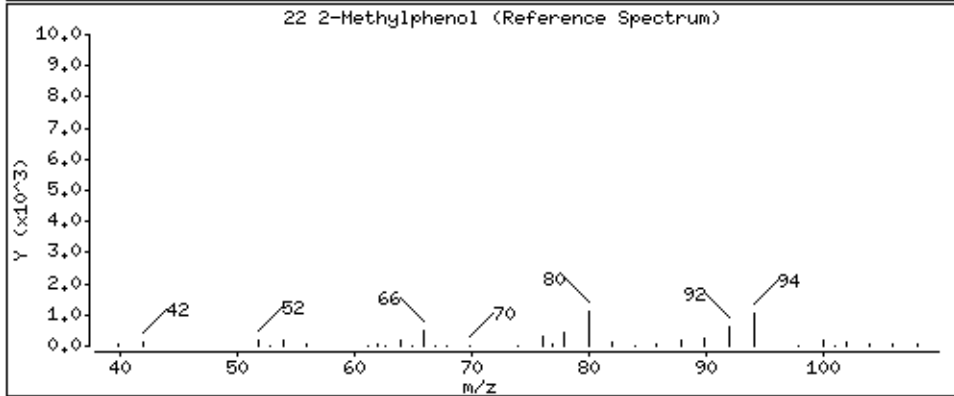
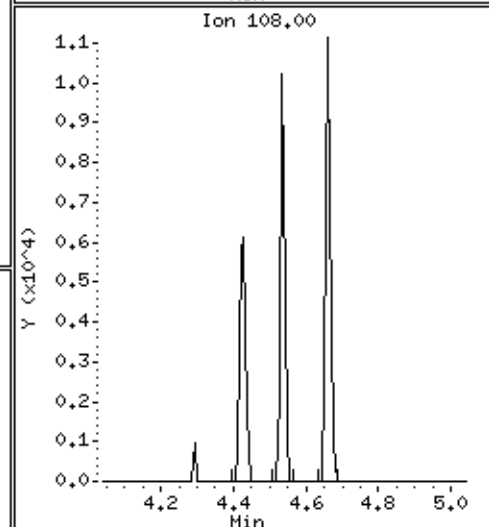
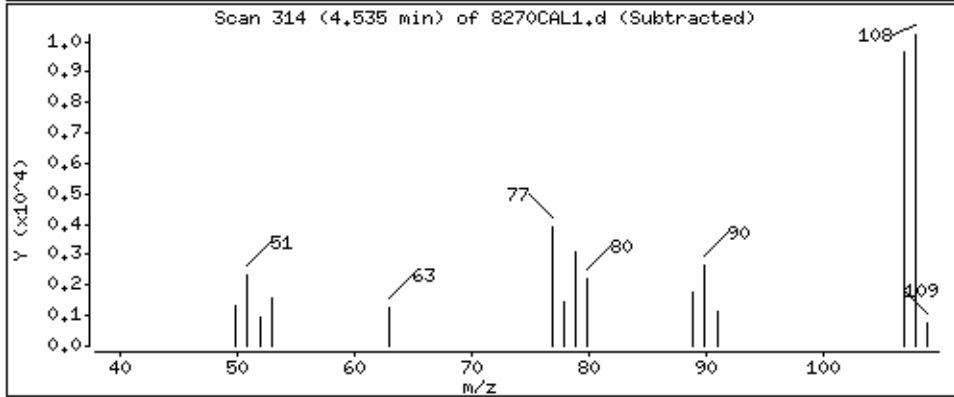
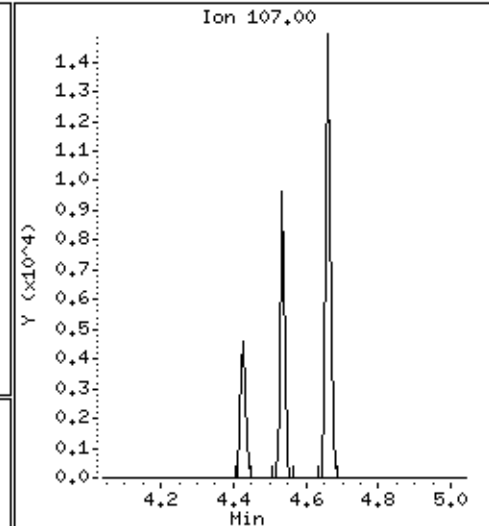
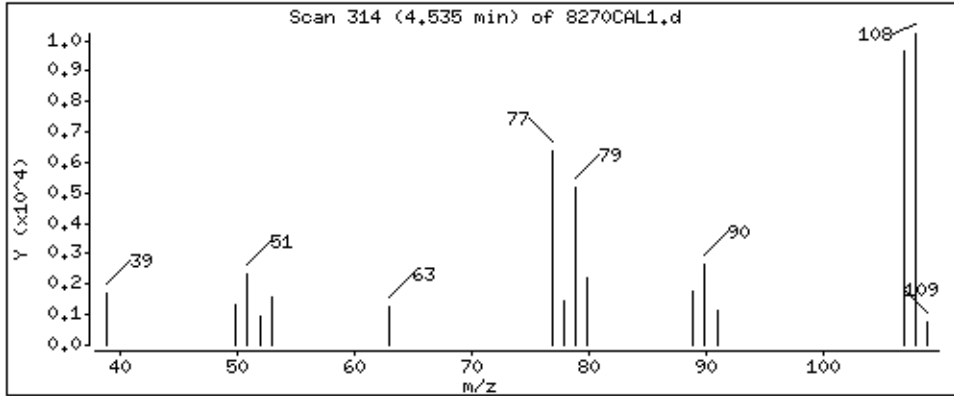
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

22 2-Methylphenol

Concentration: 3,7 ug/kg



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

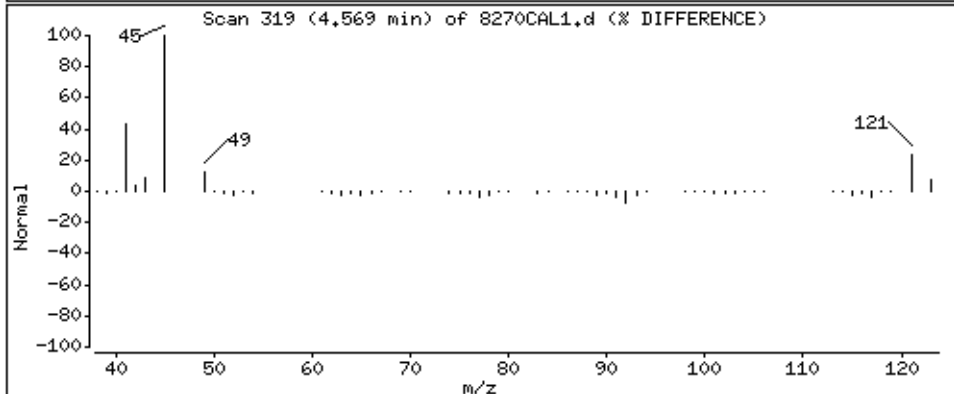
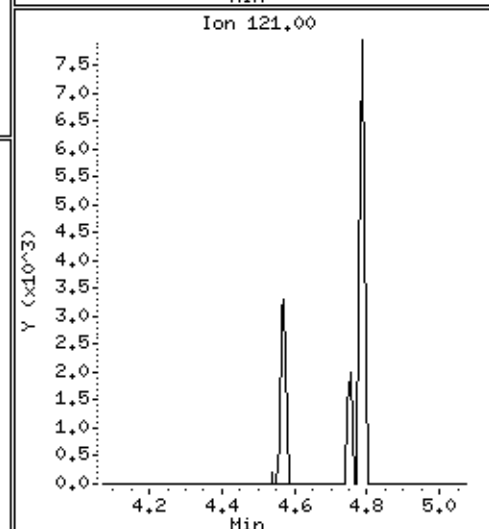
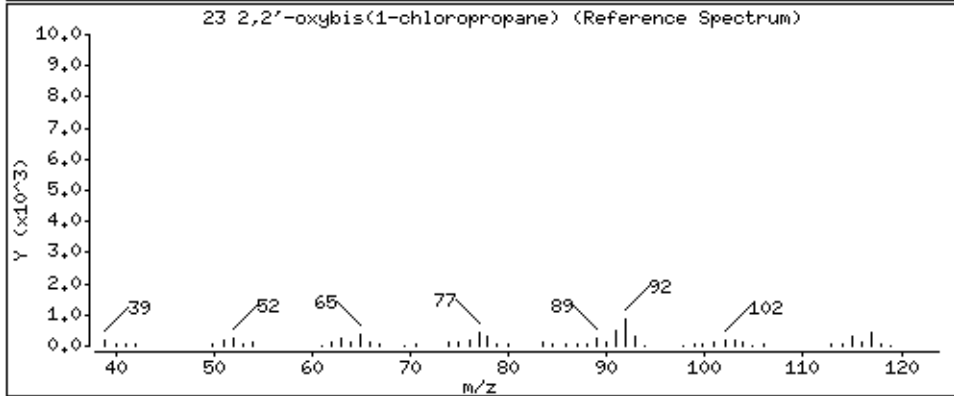
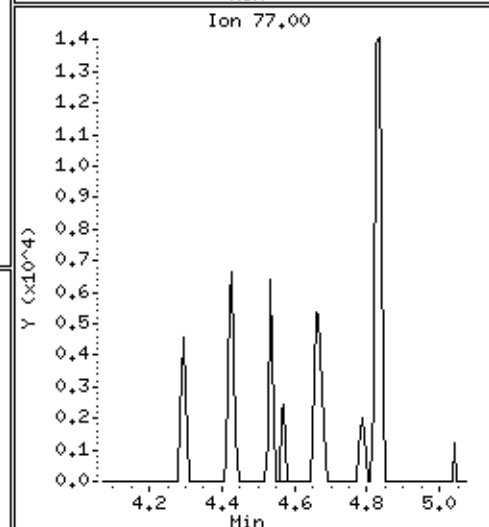
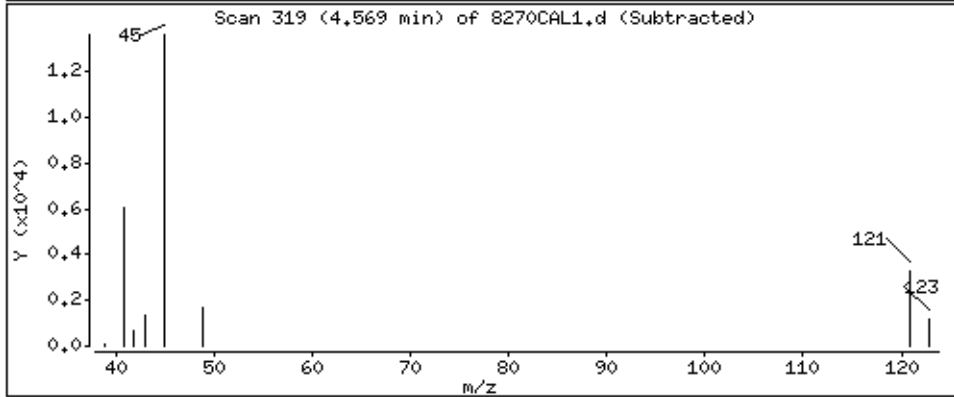
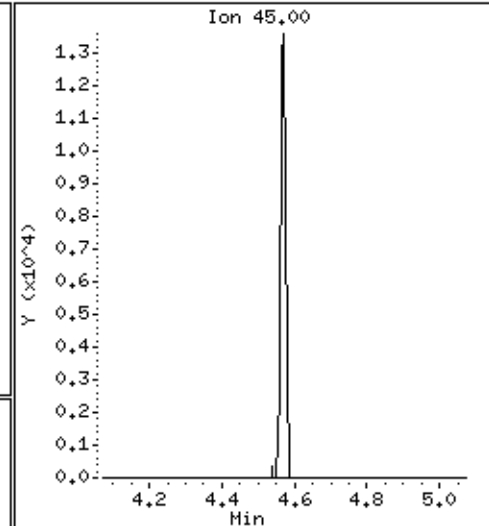
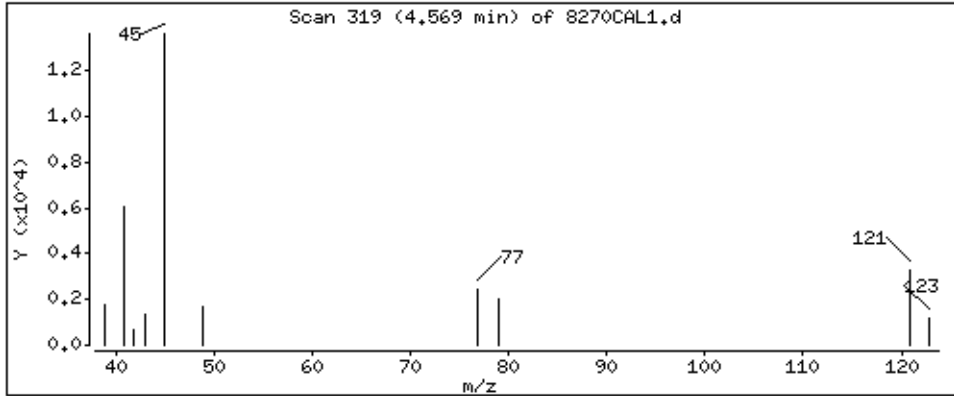
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

23 2,2'-oxybis(1-chloropropane)

Concentration: 3,8 ug/kg



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

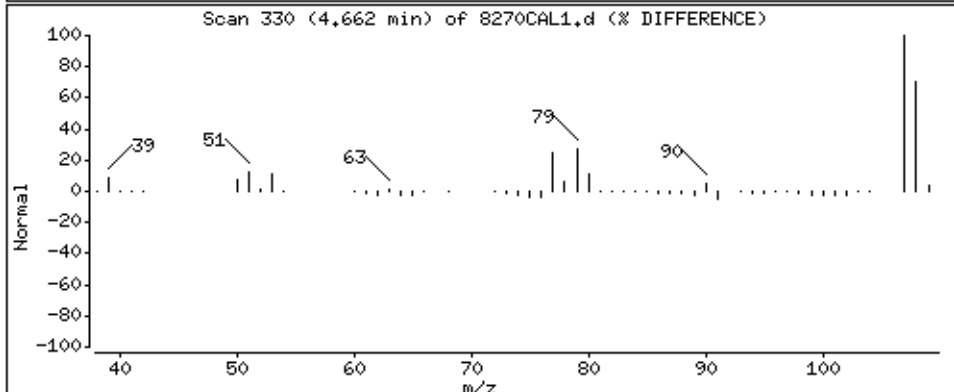
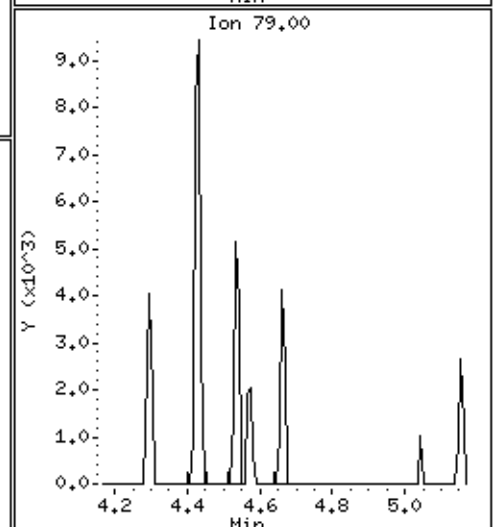
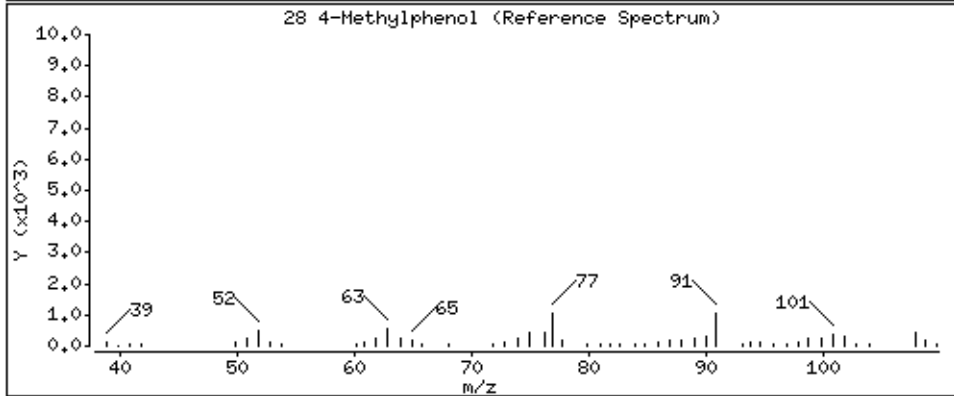
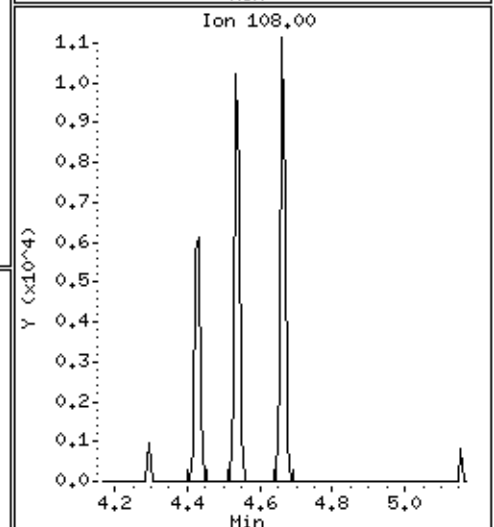
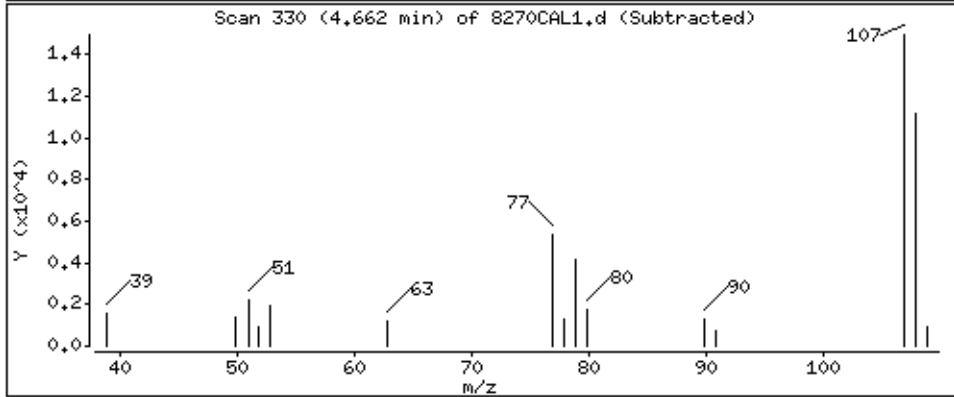
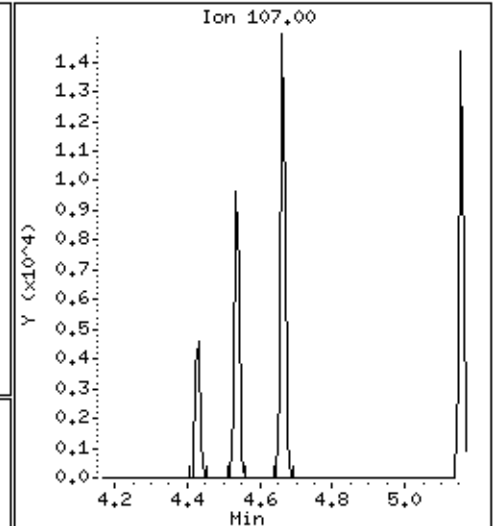
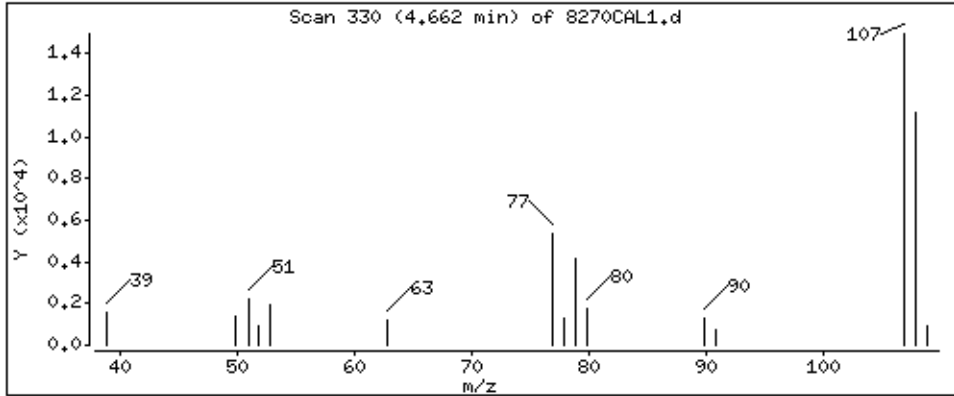
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

28 4-Methylphenol

Concentration: 3,6 ug/kg





Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

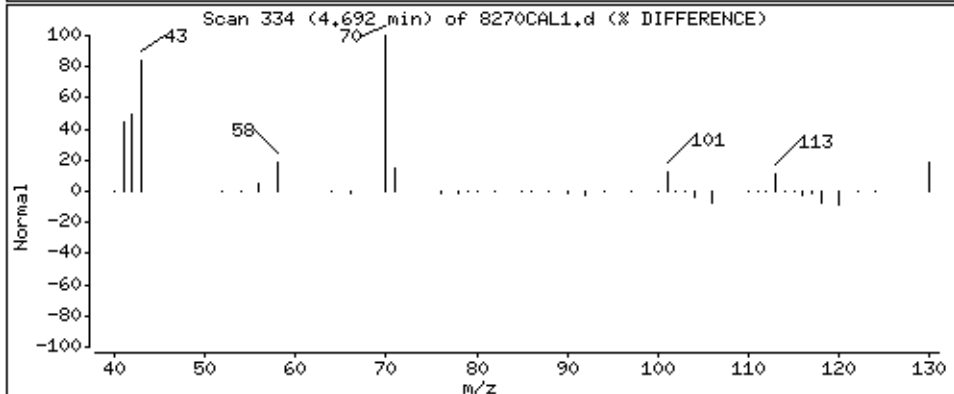
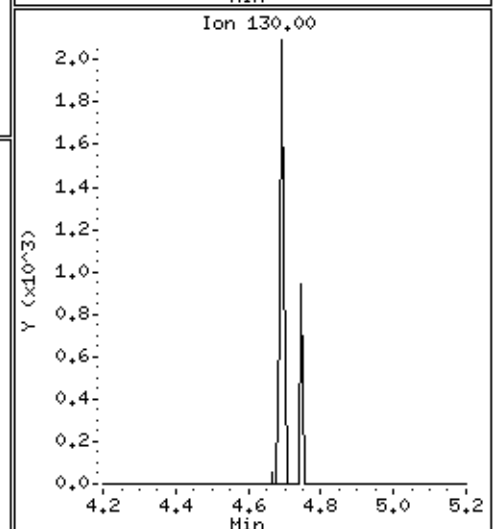
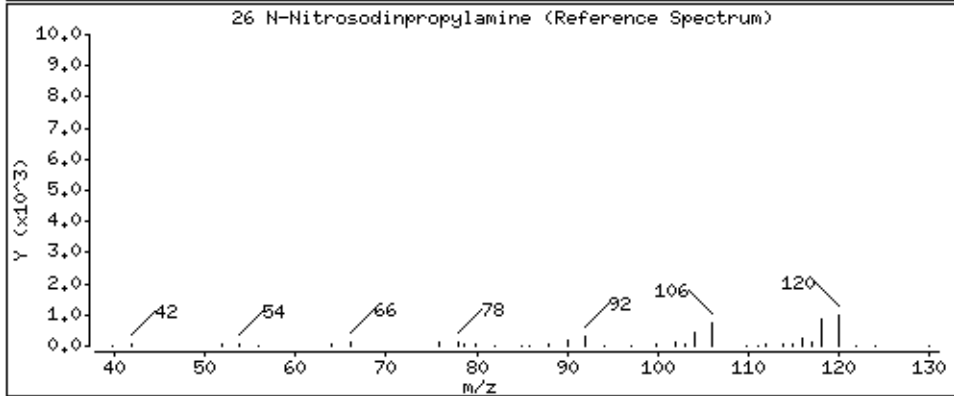
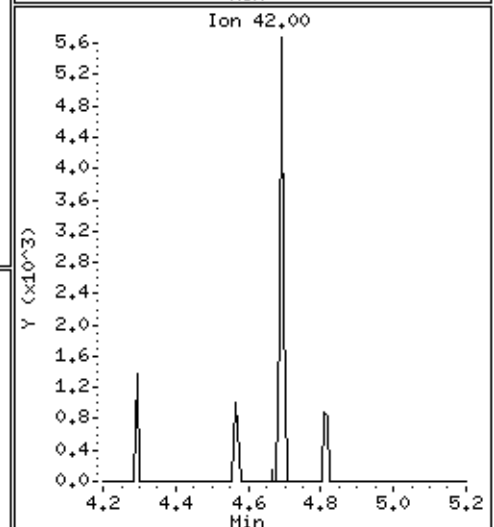
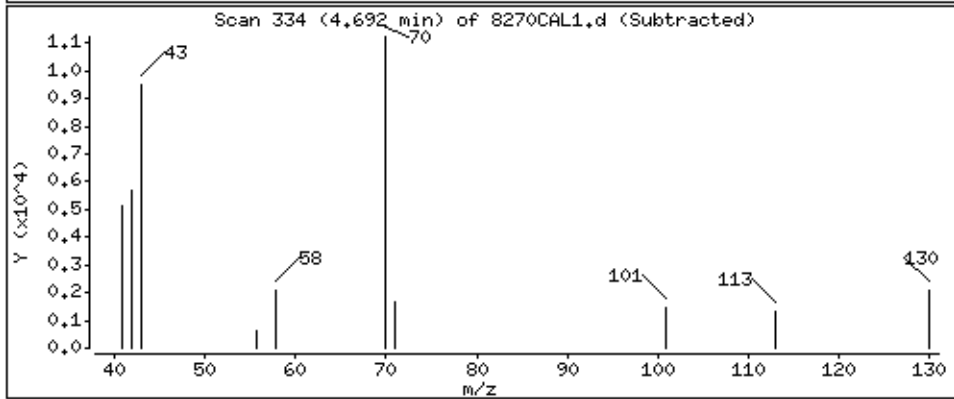
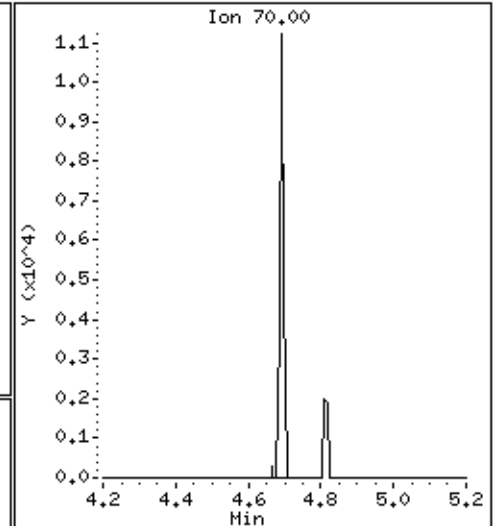
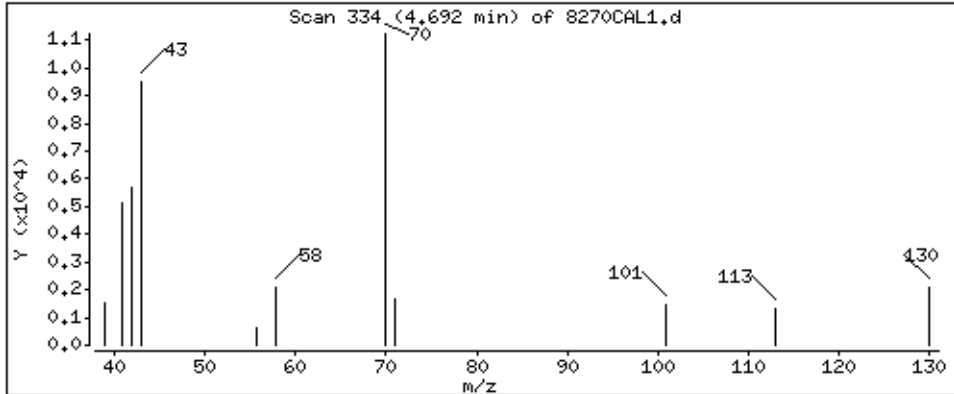
Operator: MJ

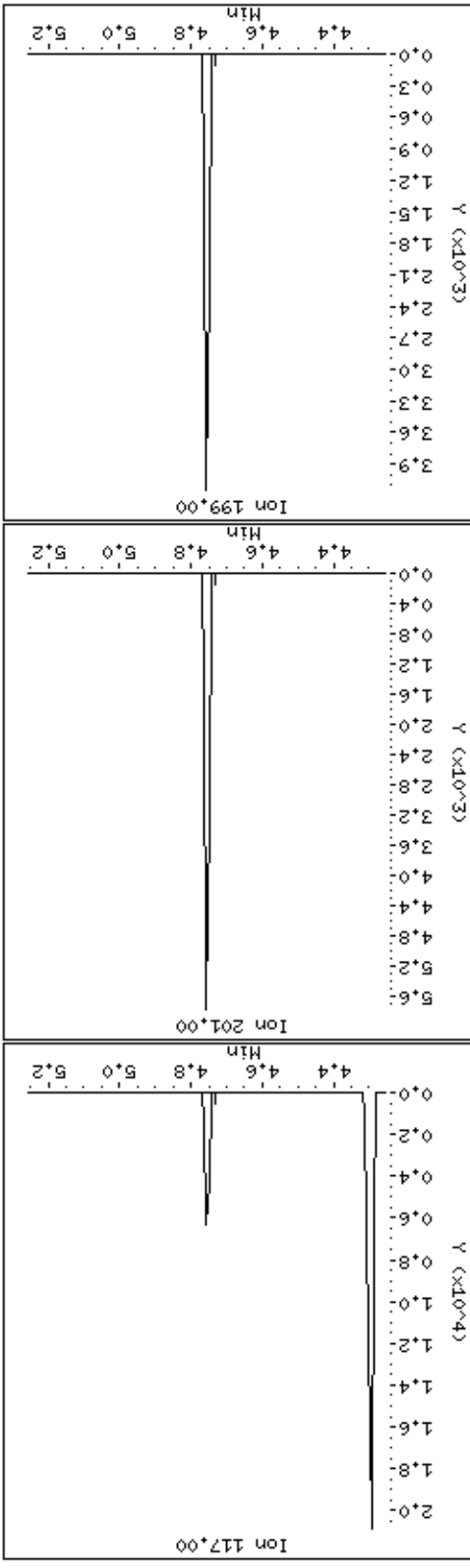
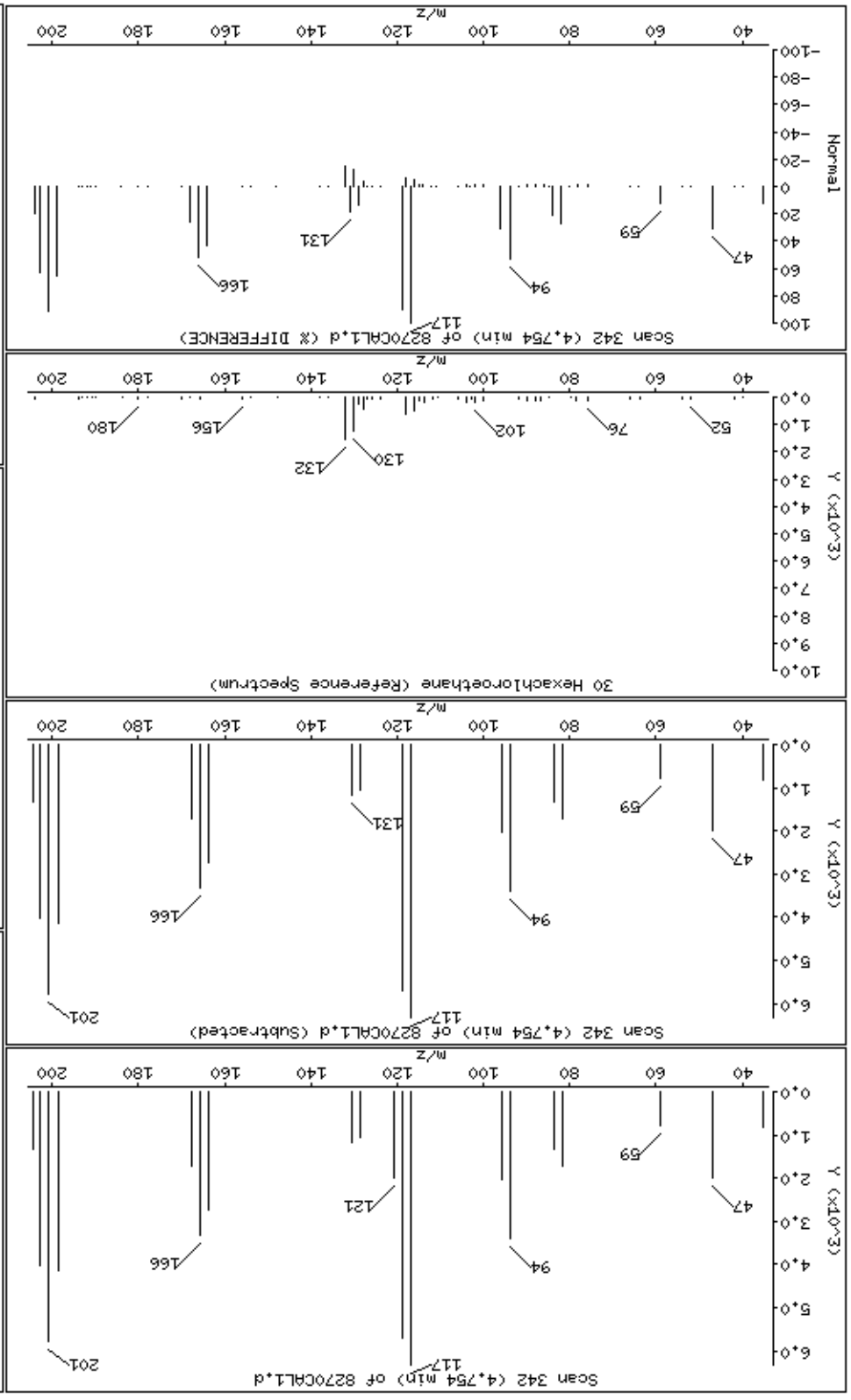
Column phase: HPMS-5

Column diameter: 0,25

26 N-Nitrosodinpropylamine

Concentration: 3,4 ug/kg





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Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

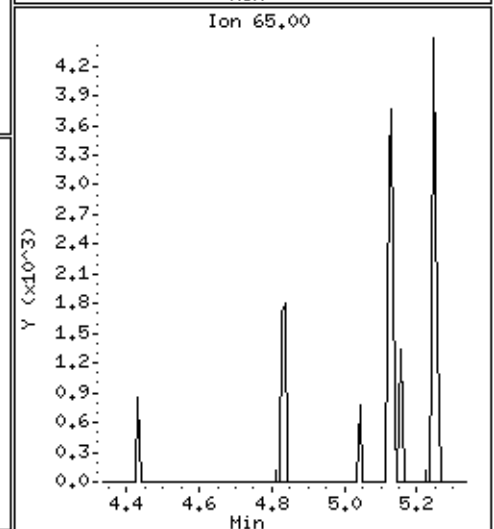
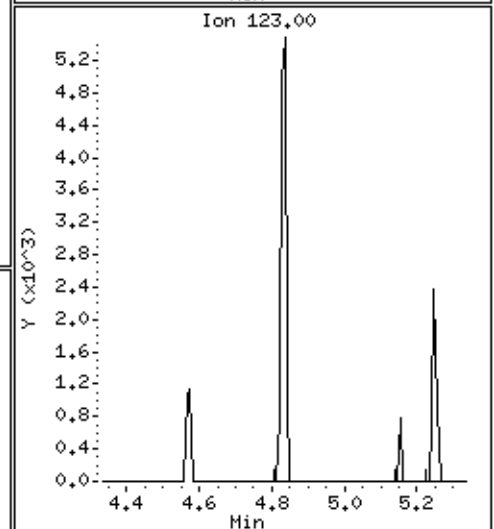
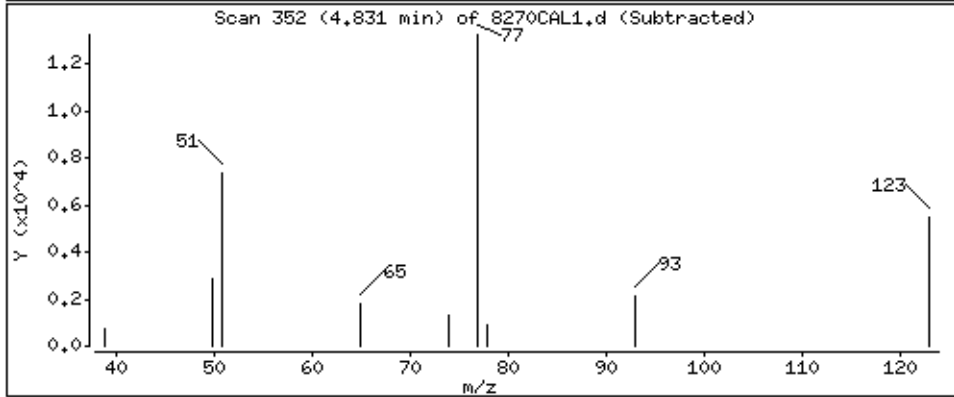
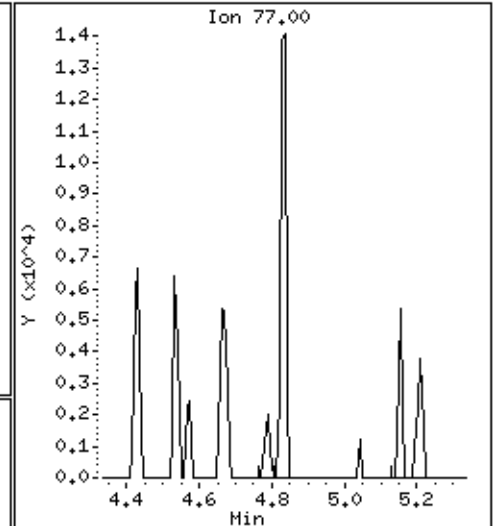
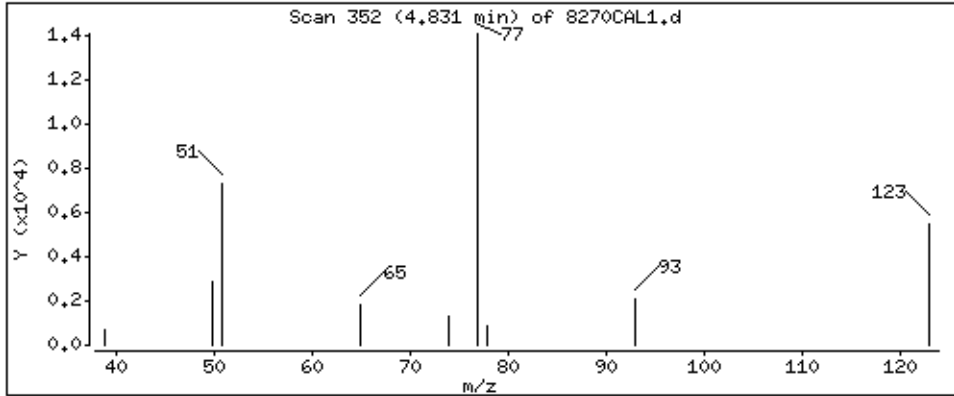
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

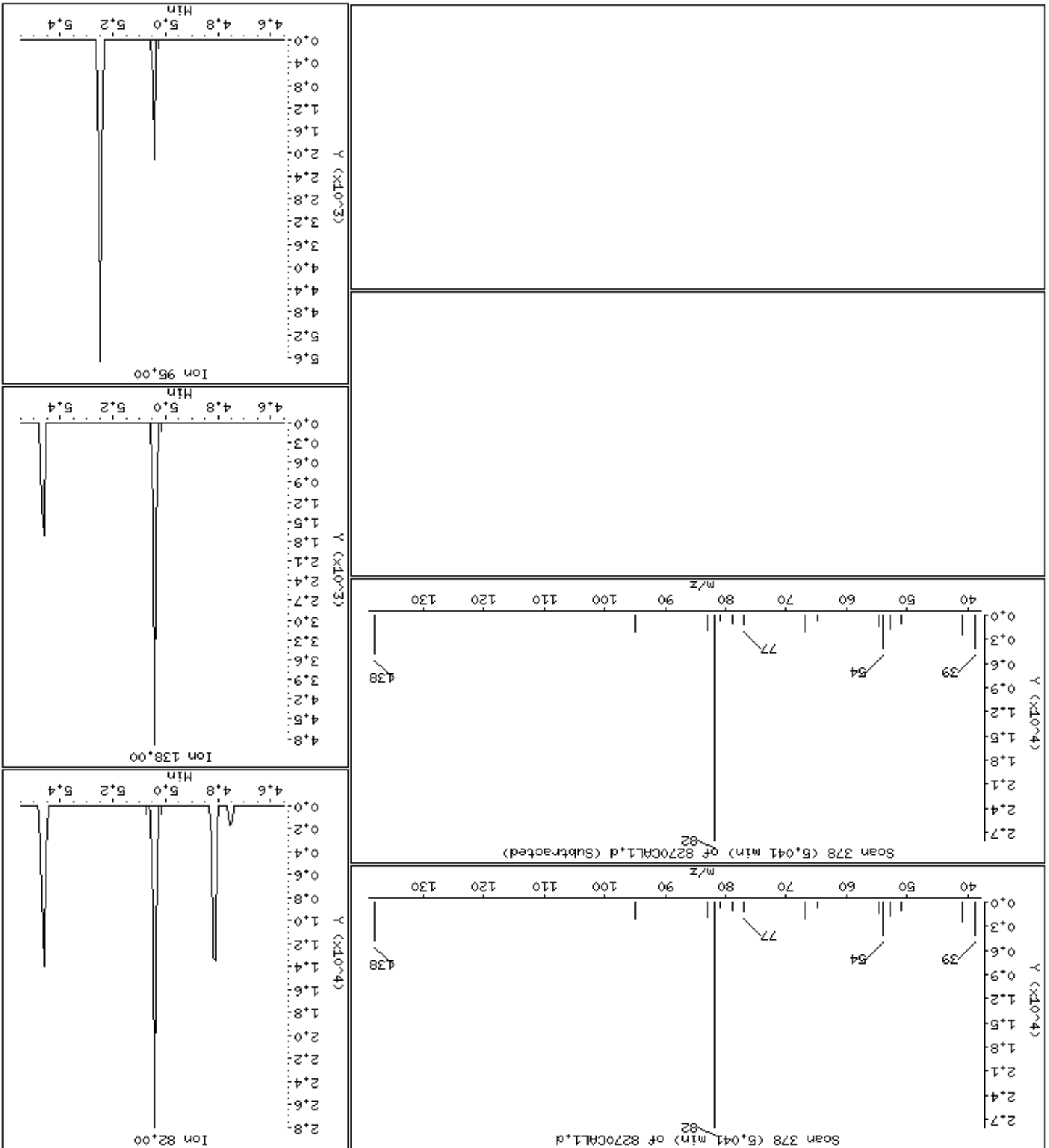
32 Nitrobenzene

Concentration: 3.9 ug/kg



34 Isophorone

Column phase: HPMS-5



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

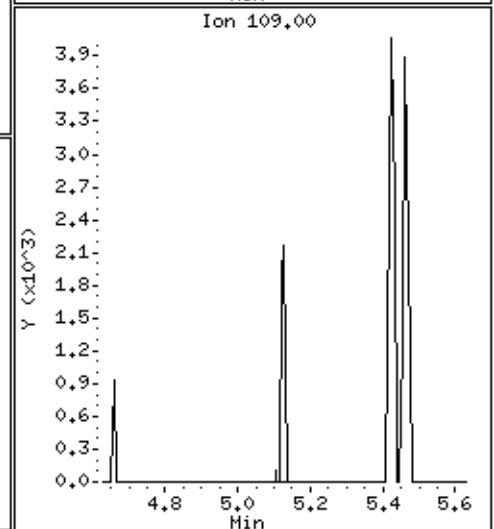
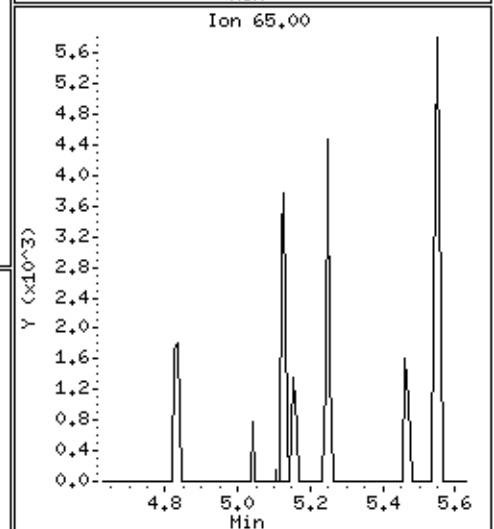
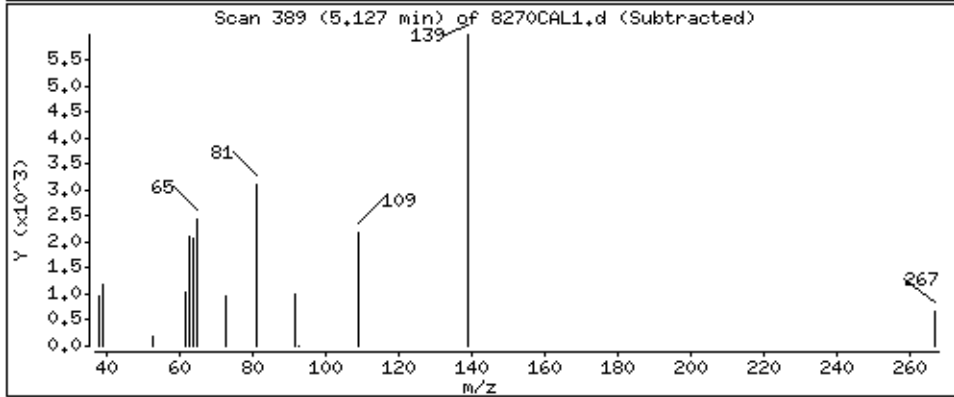
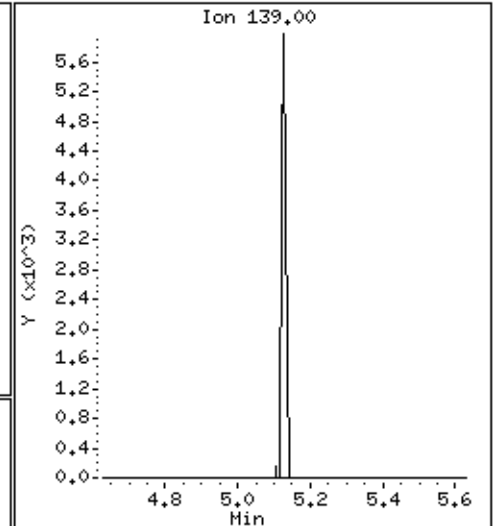
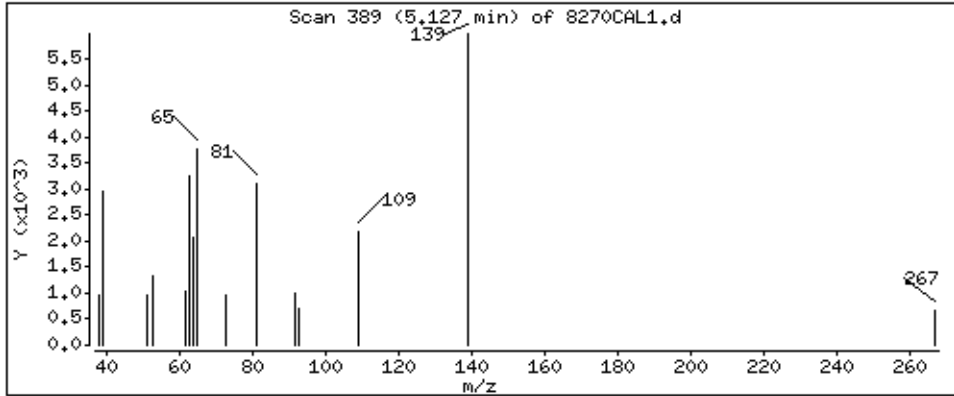
Operator: MJ

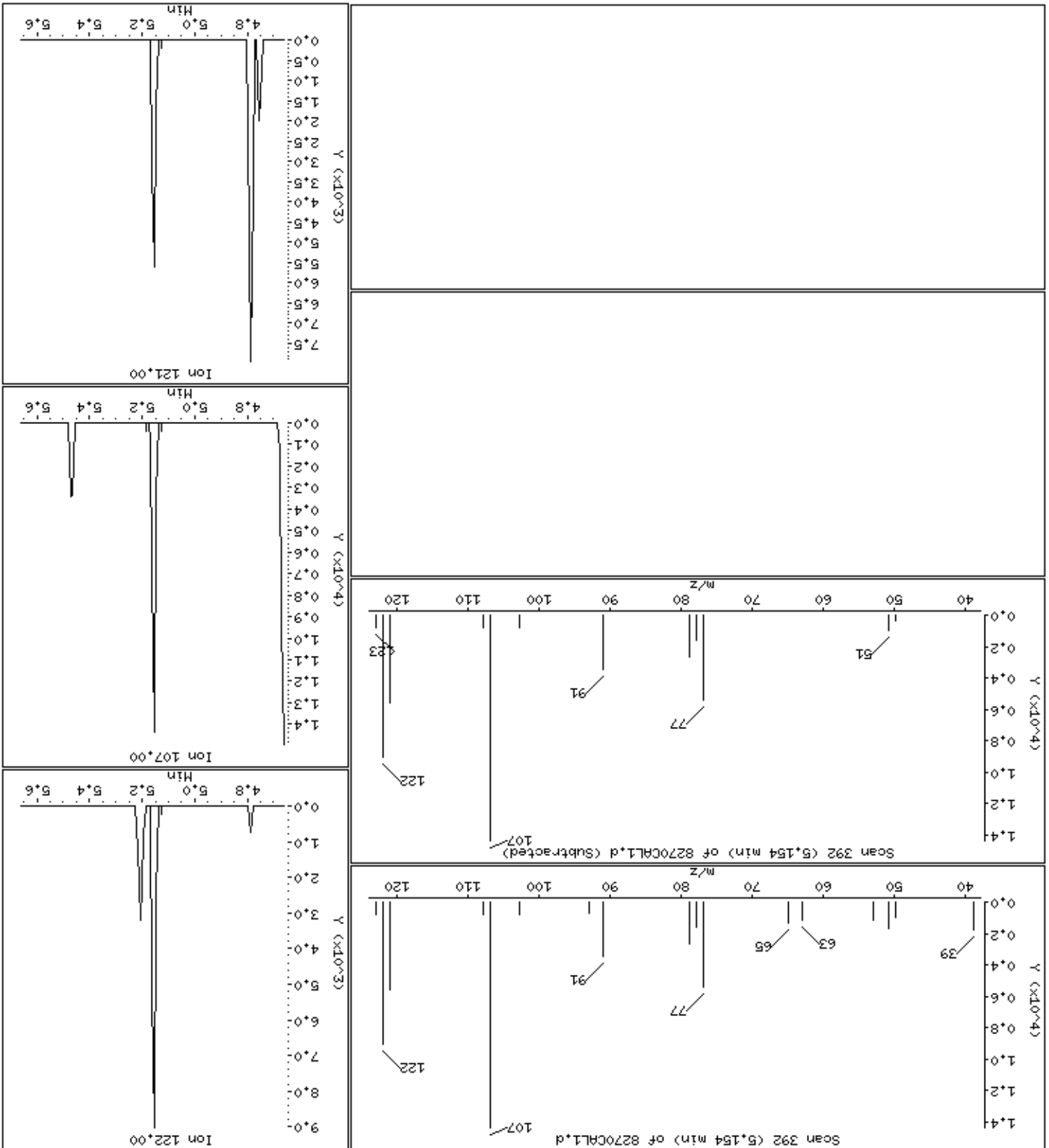
Column phase: HPMS-5

Column diameter: 0,25

35 2-Nitrophenol

Concentration: 3,4 ug/kg





Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

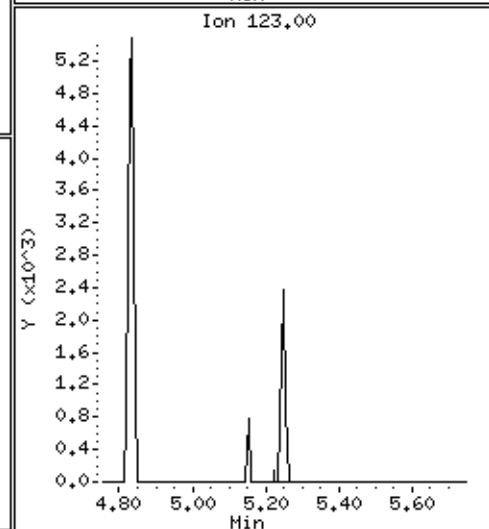
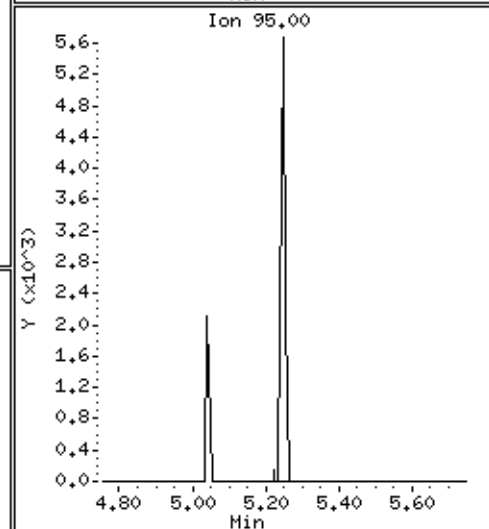
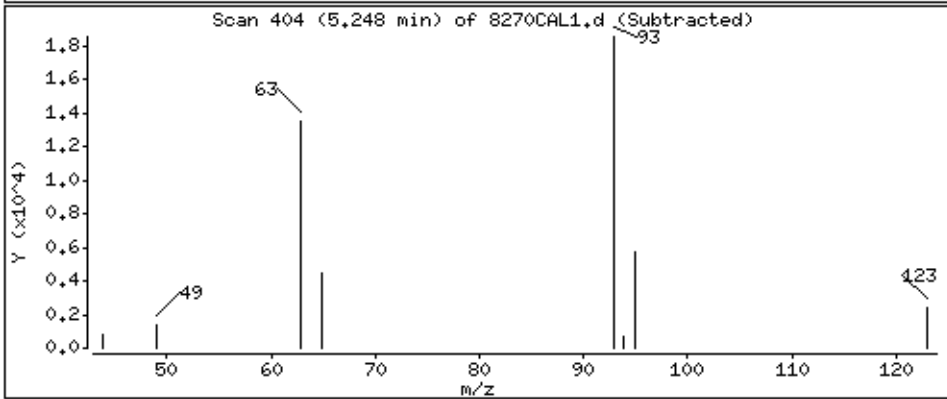
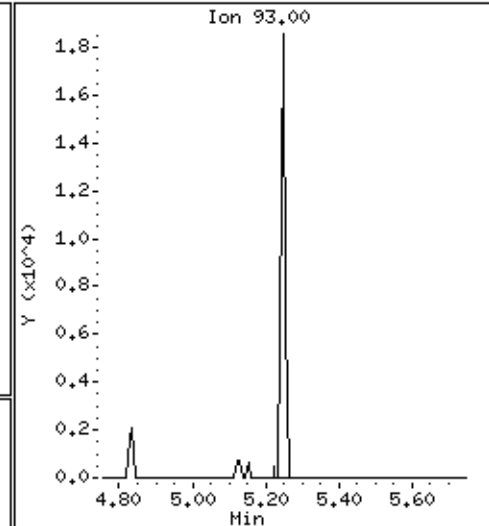
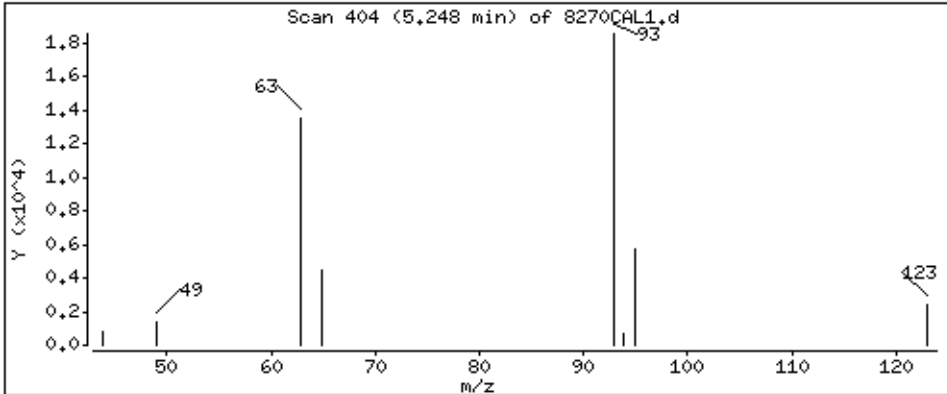
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

38 Bis(2-Chloroethoxy)methane

Concentration: 3,8 ug/kg



Date: 15-NOV-2012 00:46

Client ID: 8270CALL

Instrument: smsd04.i

Sample Info: 47769

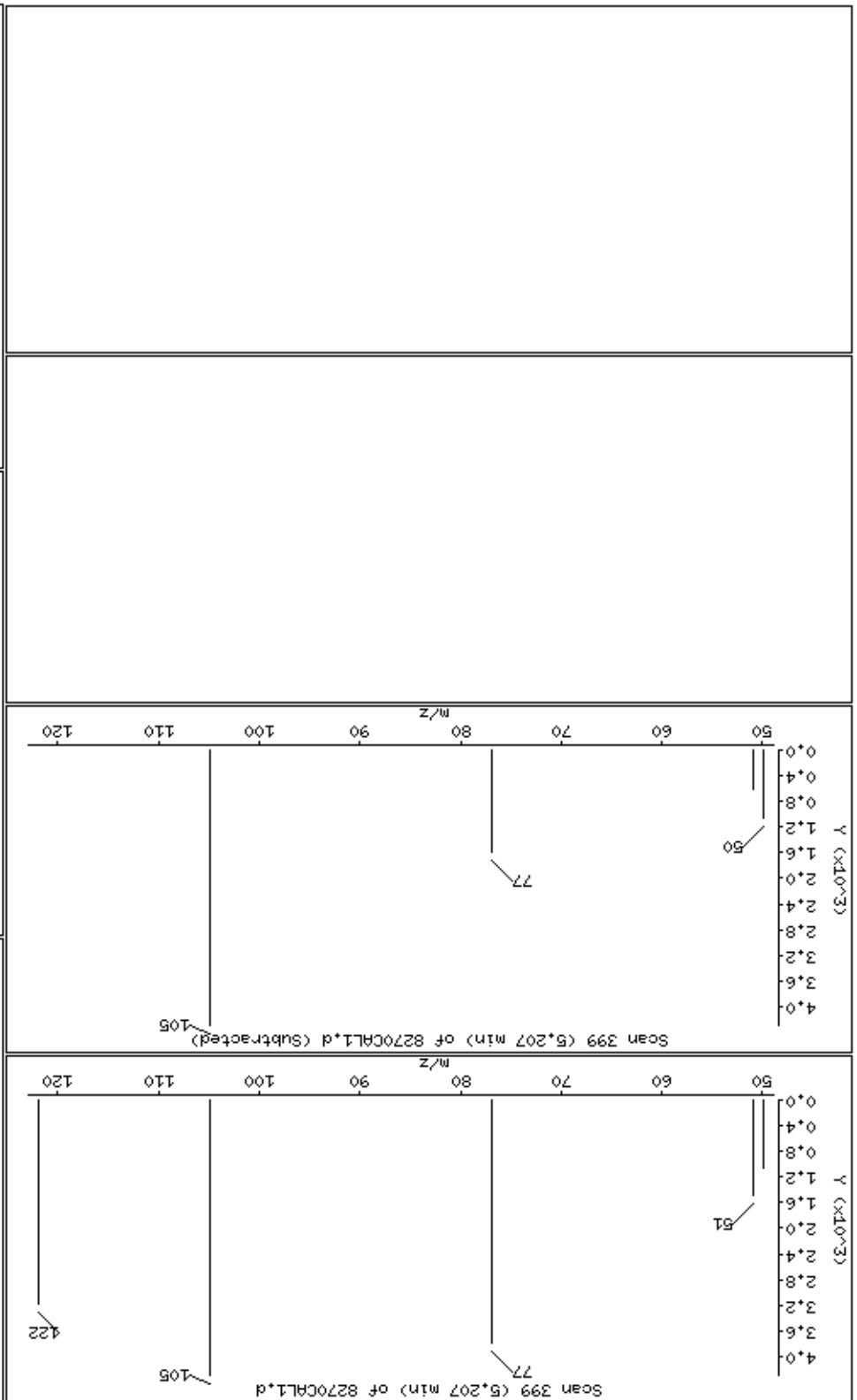
Operator: MJ

Column diameter: 0.25

40 Benzoic Acid

Concentration: 6.8 ug/kg

Column phase: HPMS-5





Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

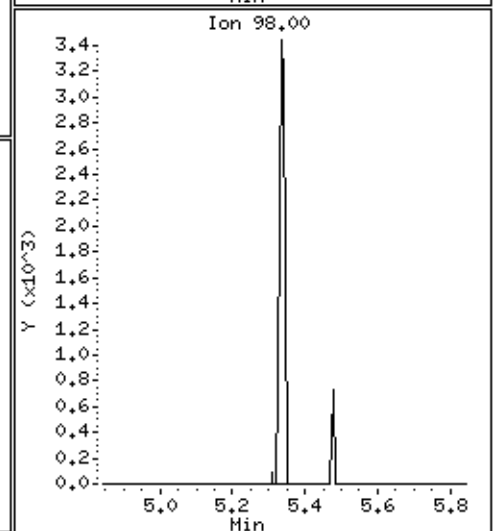
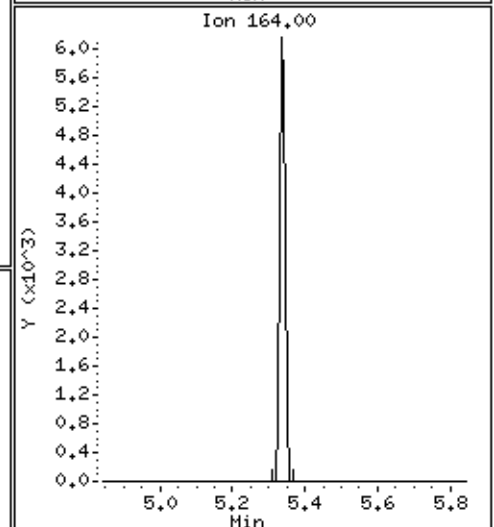
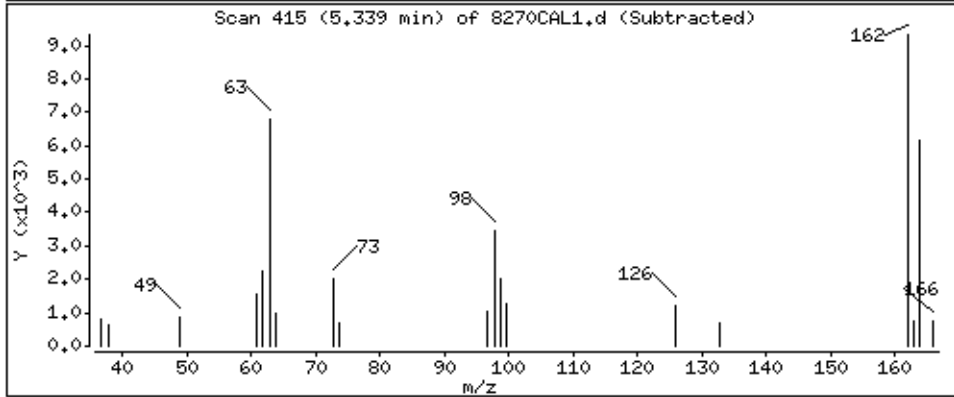
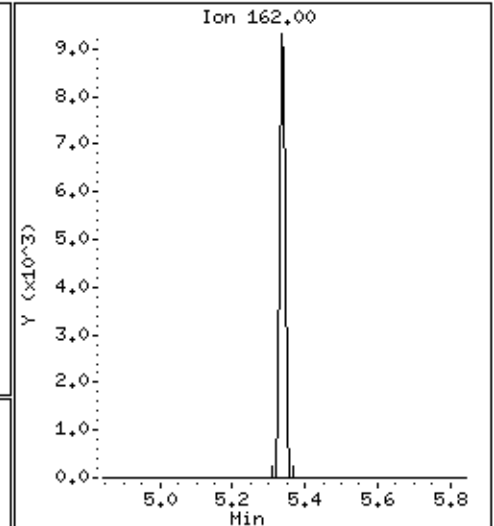
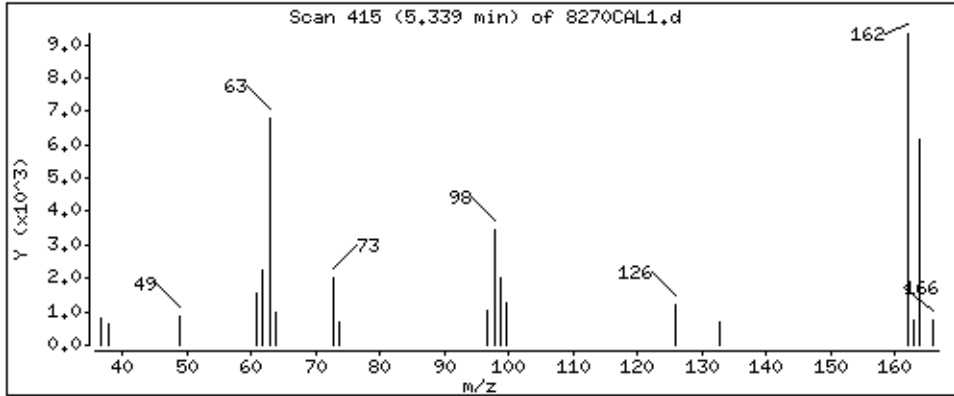
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

41 2,4-Dichlorophenol

Concentration: 3,6 ug/kg



Date: 15-NOV-2012 00:46

Client ID: 8270CALL1

Sample Info: 47769

Operator: MJ

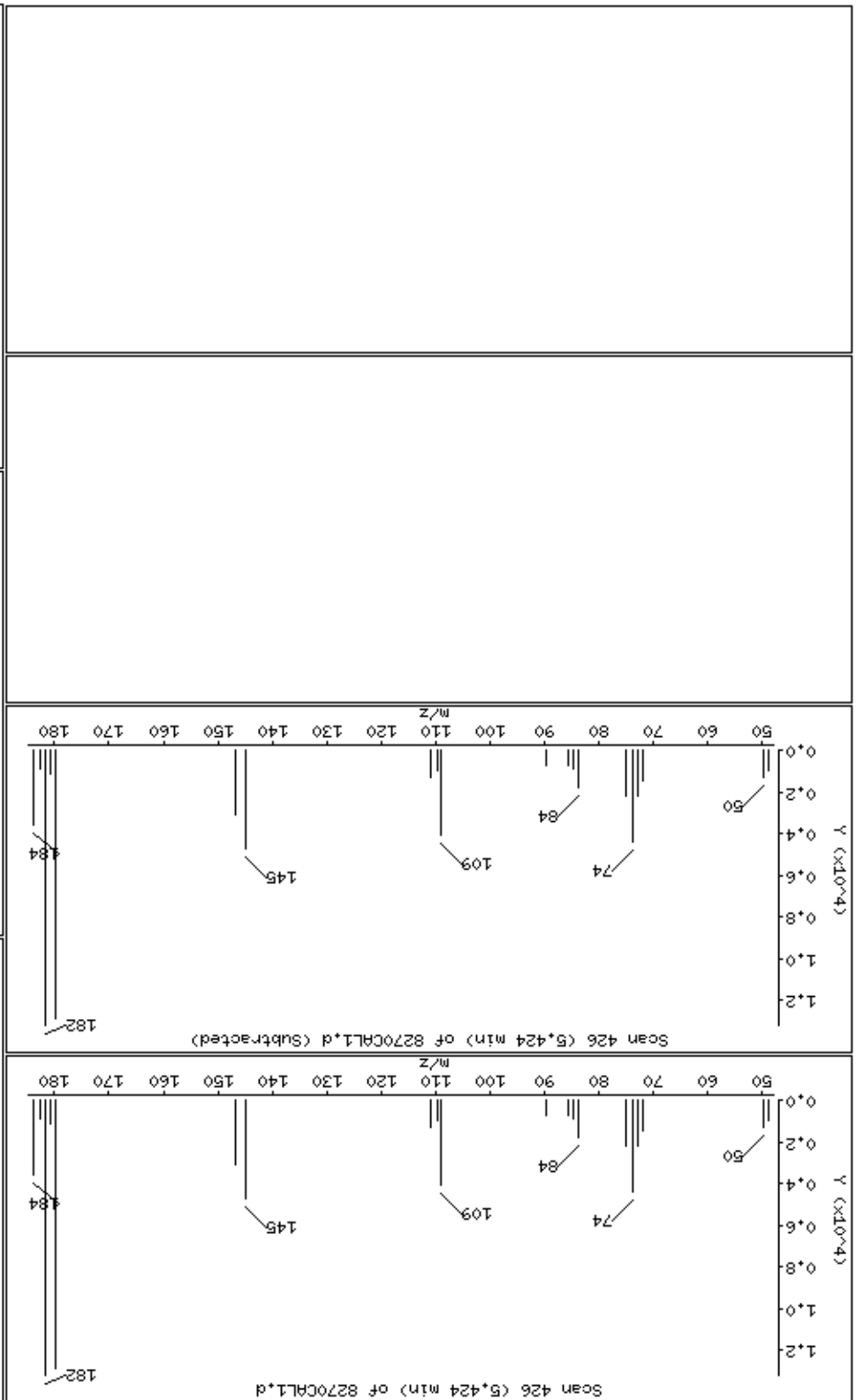
Column diameter: 0.25

Concentration: 3.6 ug/kg

Instrument: smsd04.1

42 1,2,4-Trichlorobenzene

Column phase: HPMS-5



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

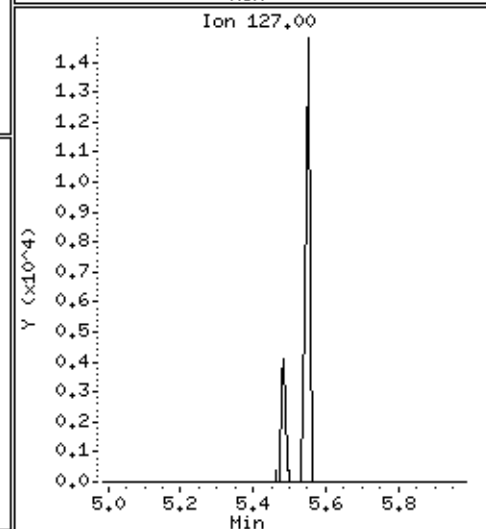
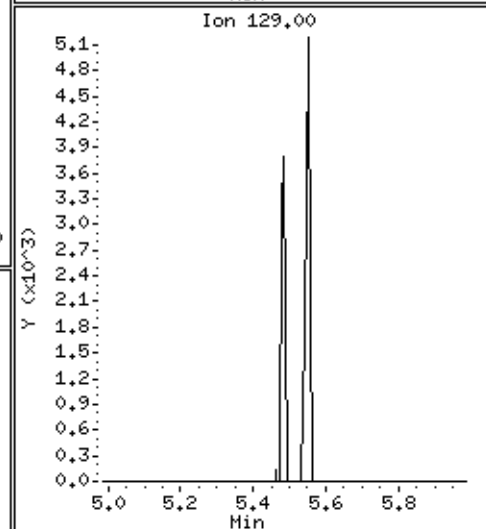
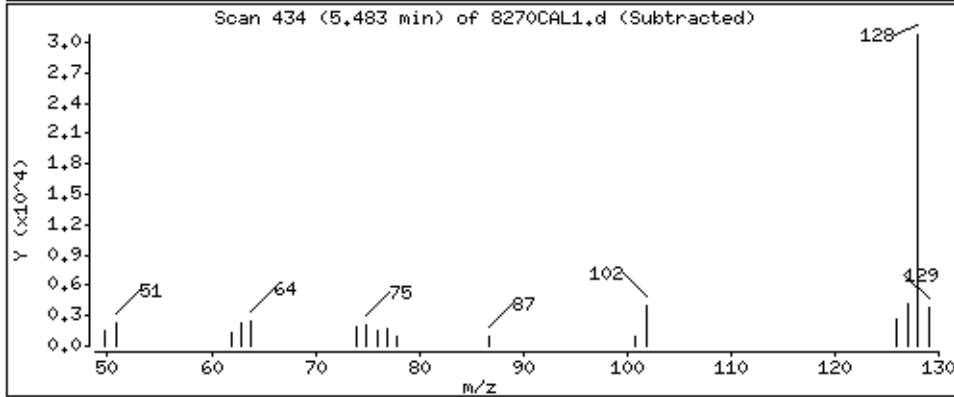
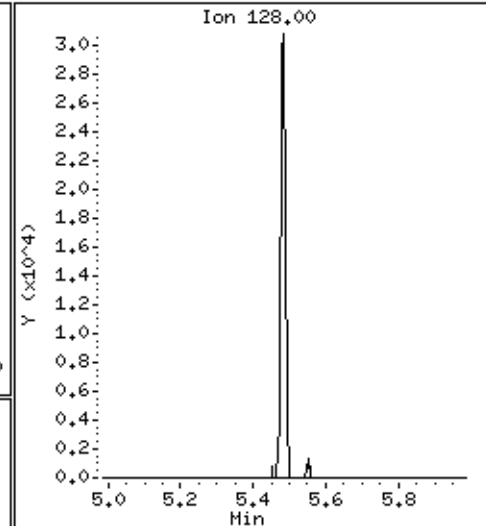
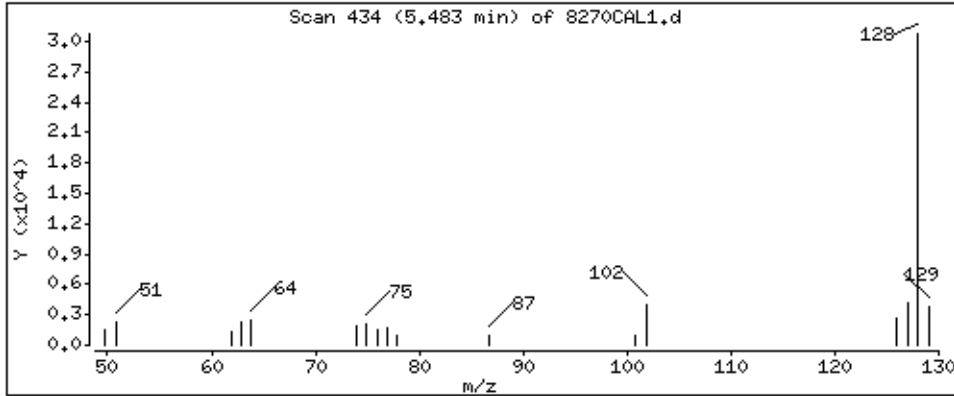
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

44 Naphthalene

Concentration: 3,8 ug/kg



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

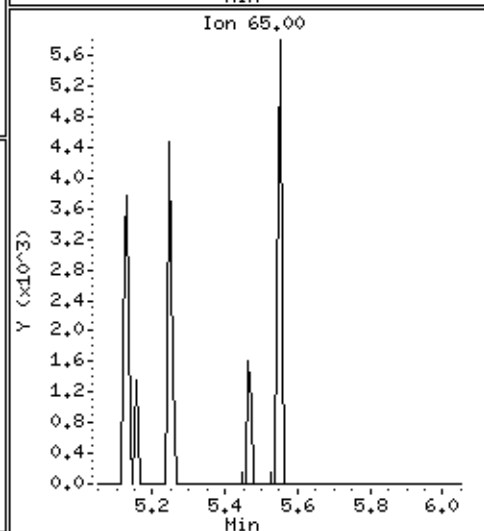
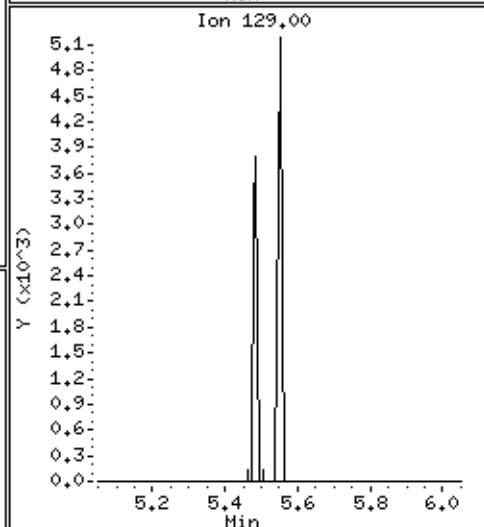
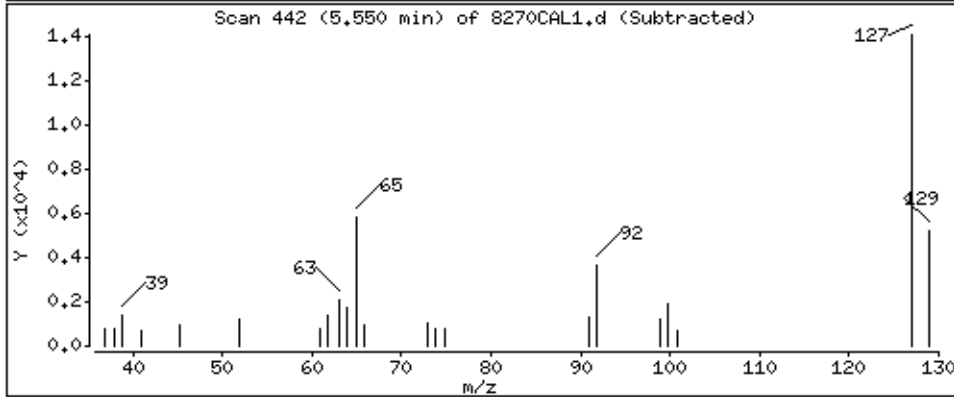
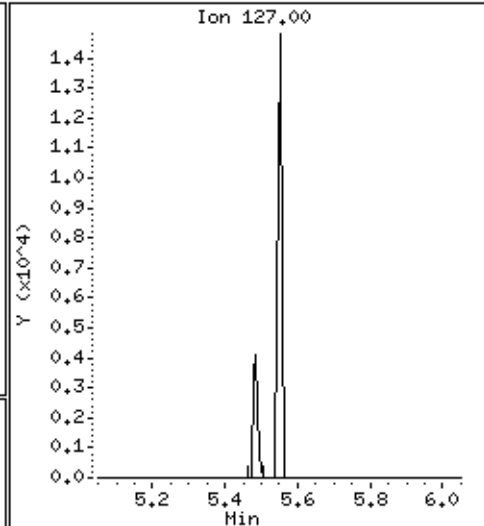
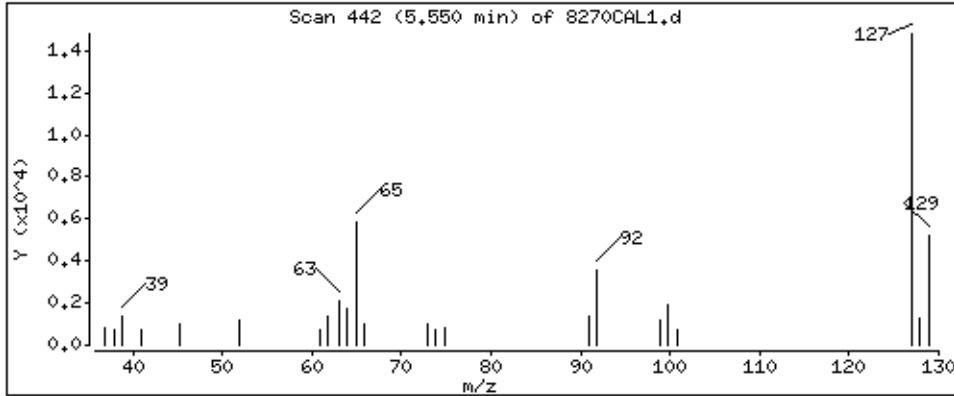
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

45 4-Chloroaniline

Concentration: 3,6 ug/kg



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

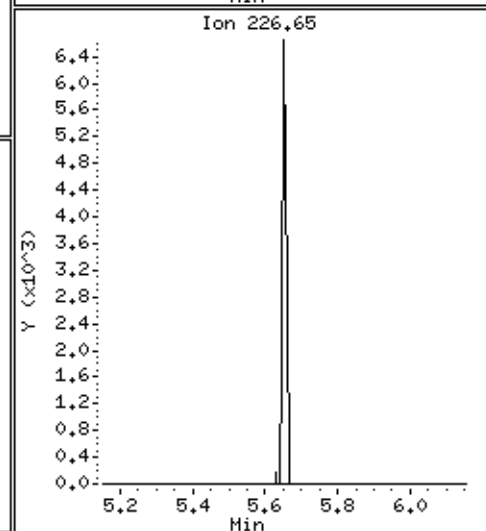
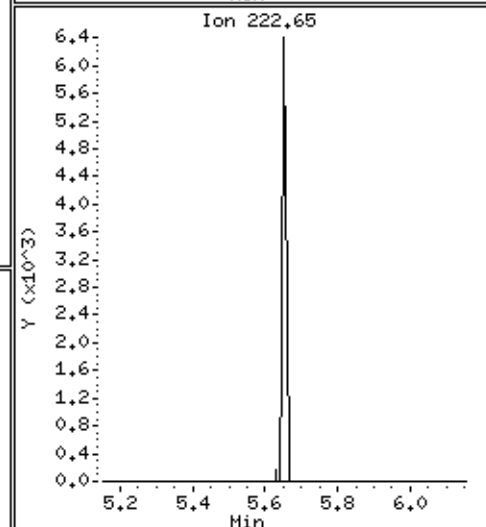
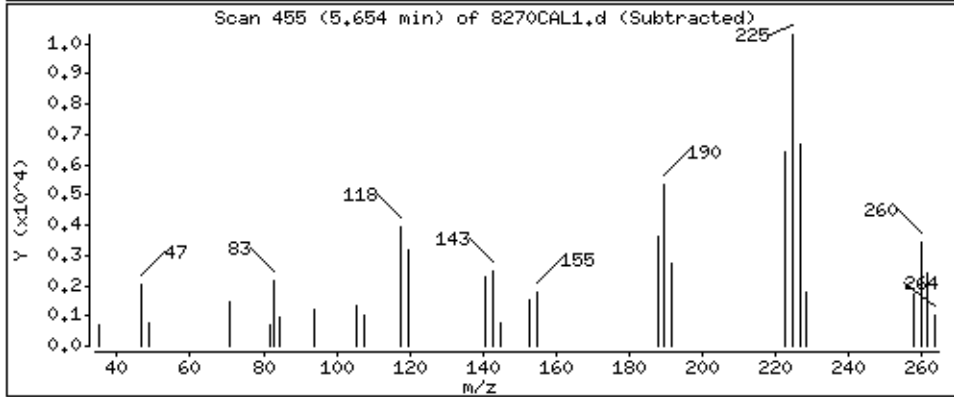
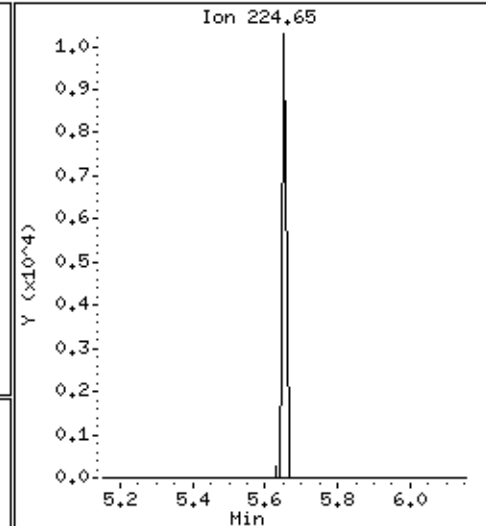
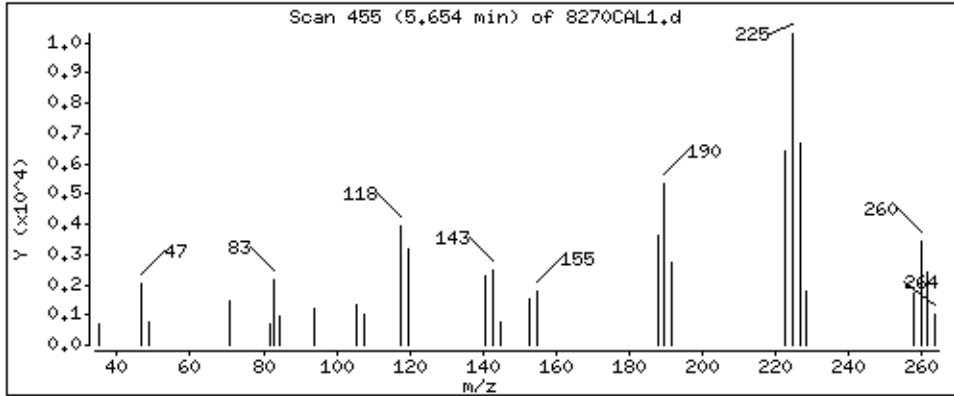
Operator: MJ

Column phase: HPMS-5

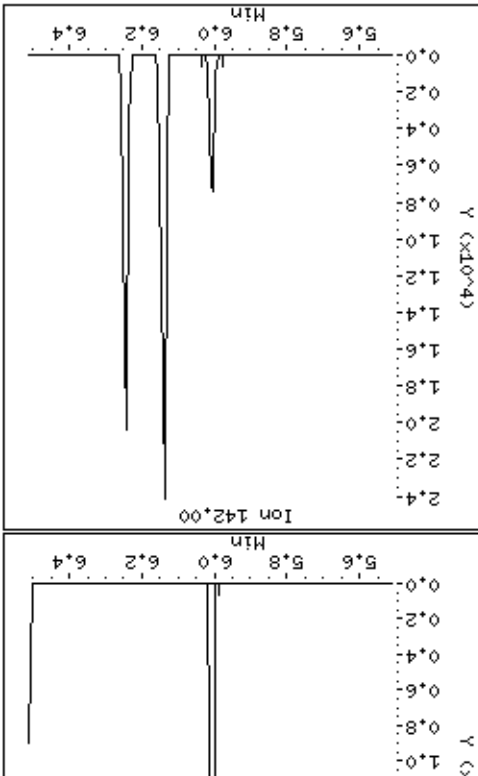
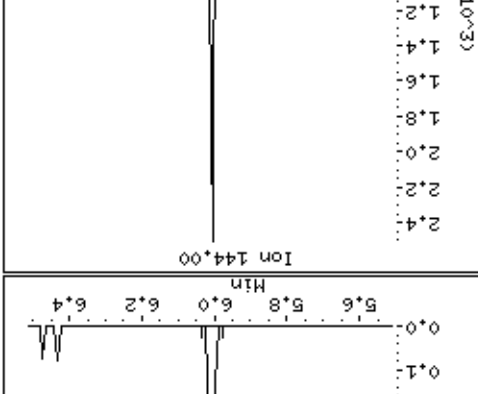
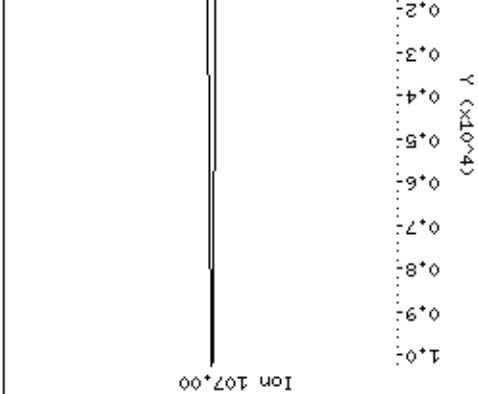
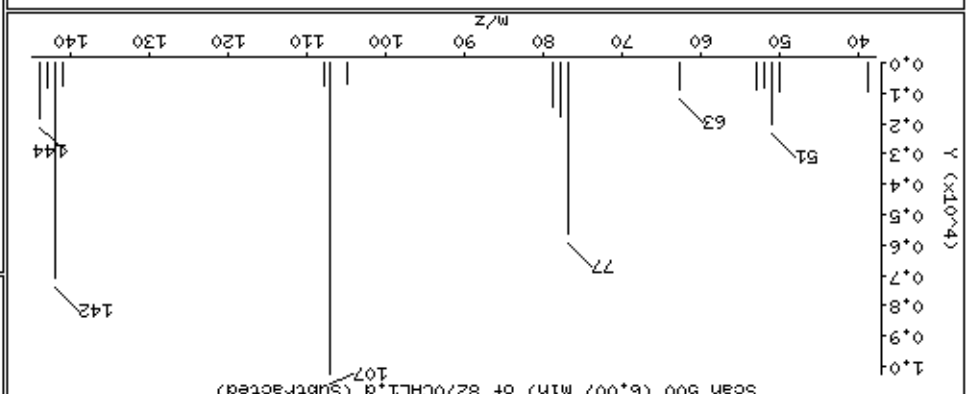
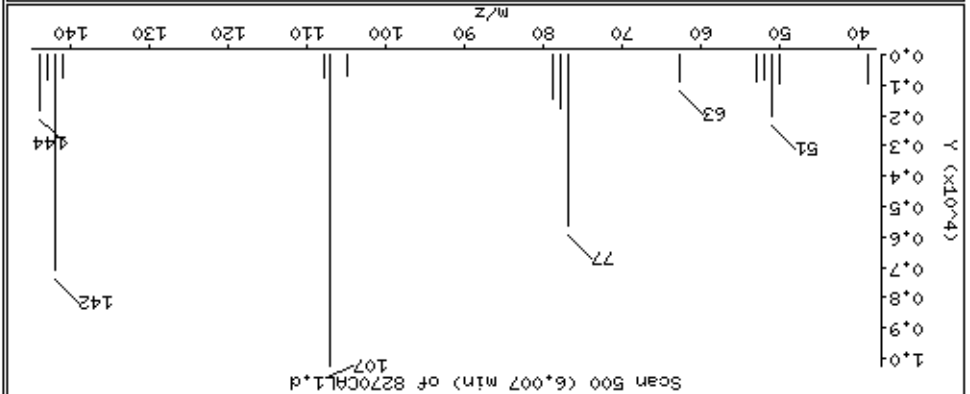
Column diameter: 0,25

48 Hexachlorobutadiene

Concentration: 3,8 ug/kg



51-4-Chloro-3-methylphenol



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

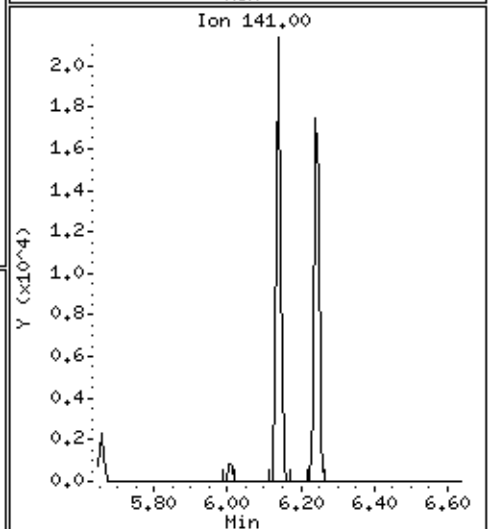
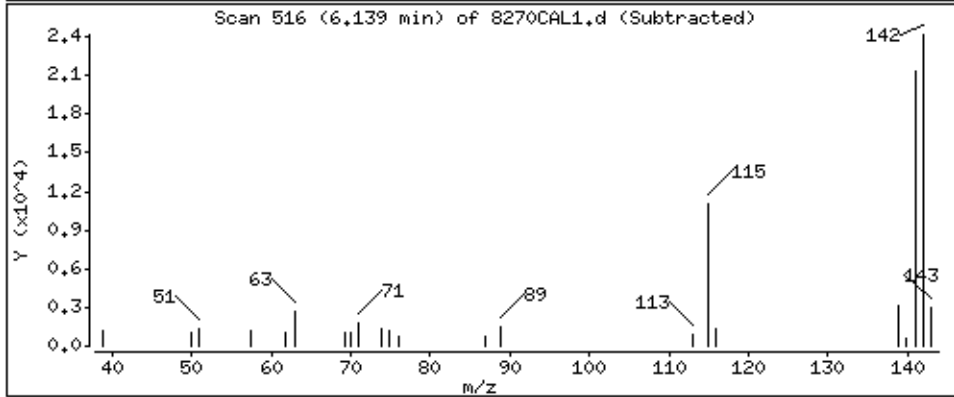
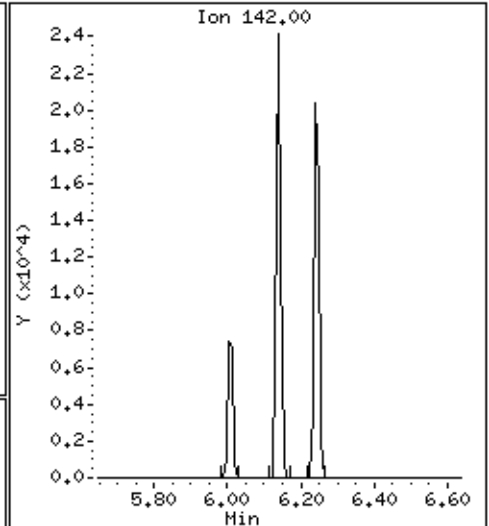
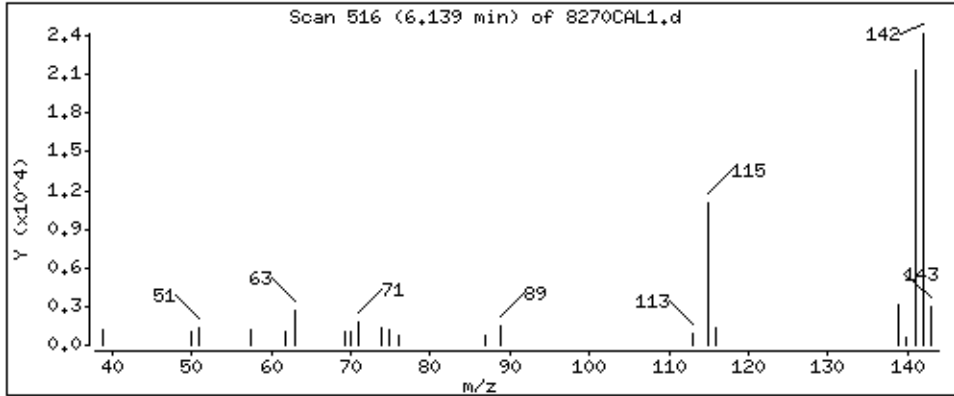
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

53 2-Methylnaphthalene

Concentration: 3,6 ug/kg



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

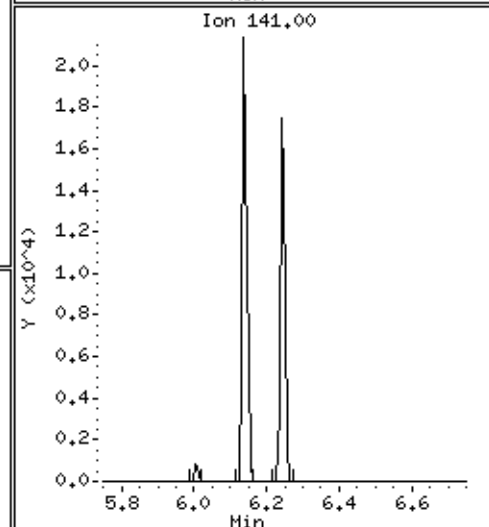
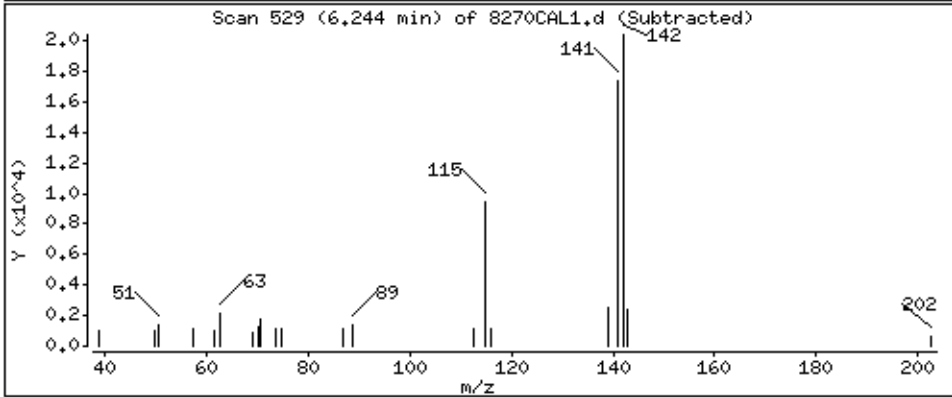
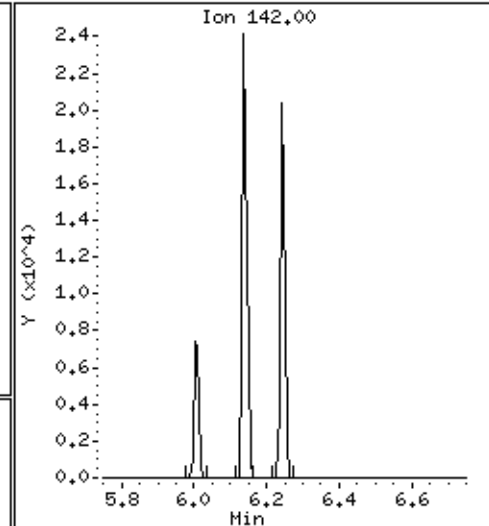
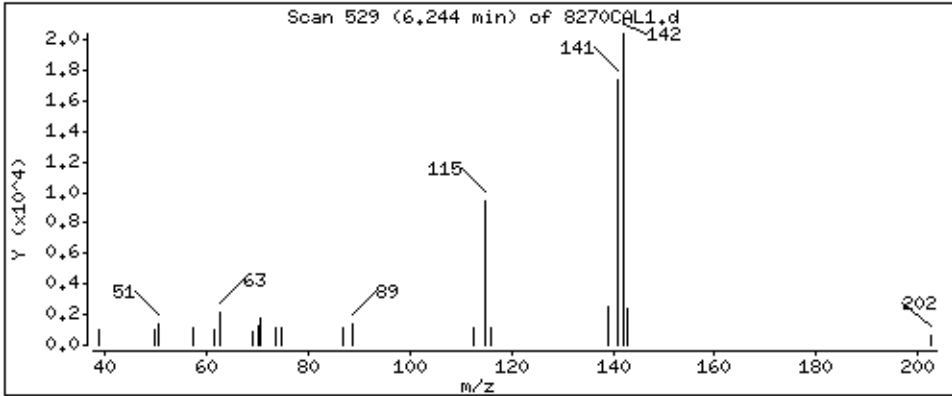
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

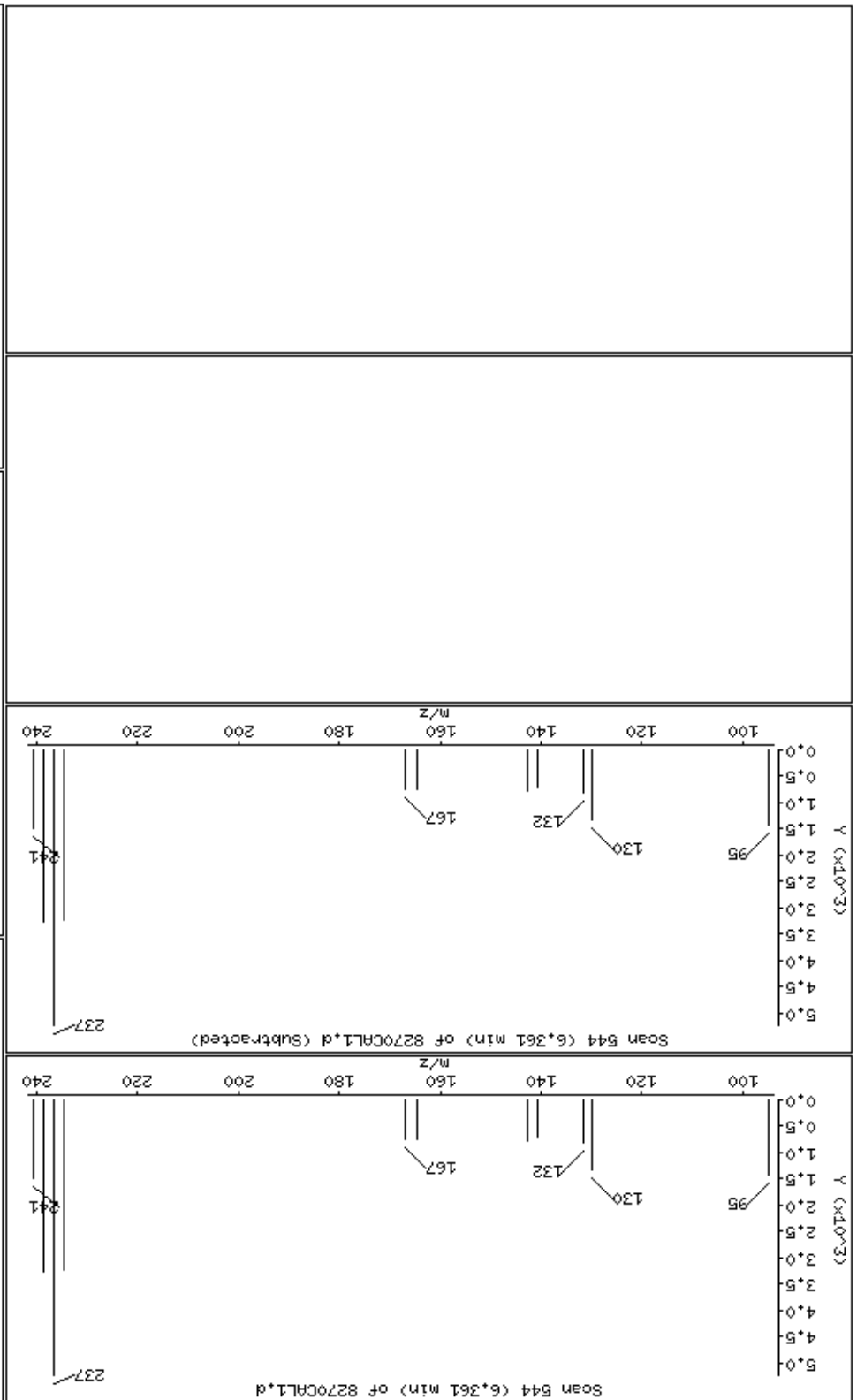
54 1-Methylnaphthalene

Concentration: 3,8 ug/kg





55 Hexachlorocyclopentadiene



Date: 15-NOV-2012 00:46

Client ID: 8270CALL1

Sample Info: 47769

Operator: MJ

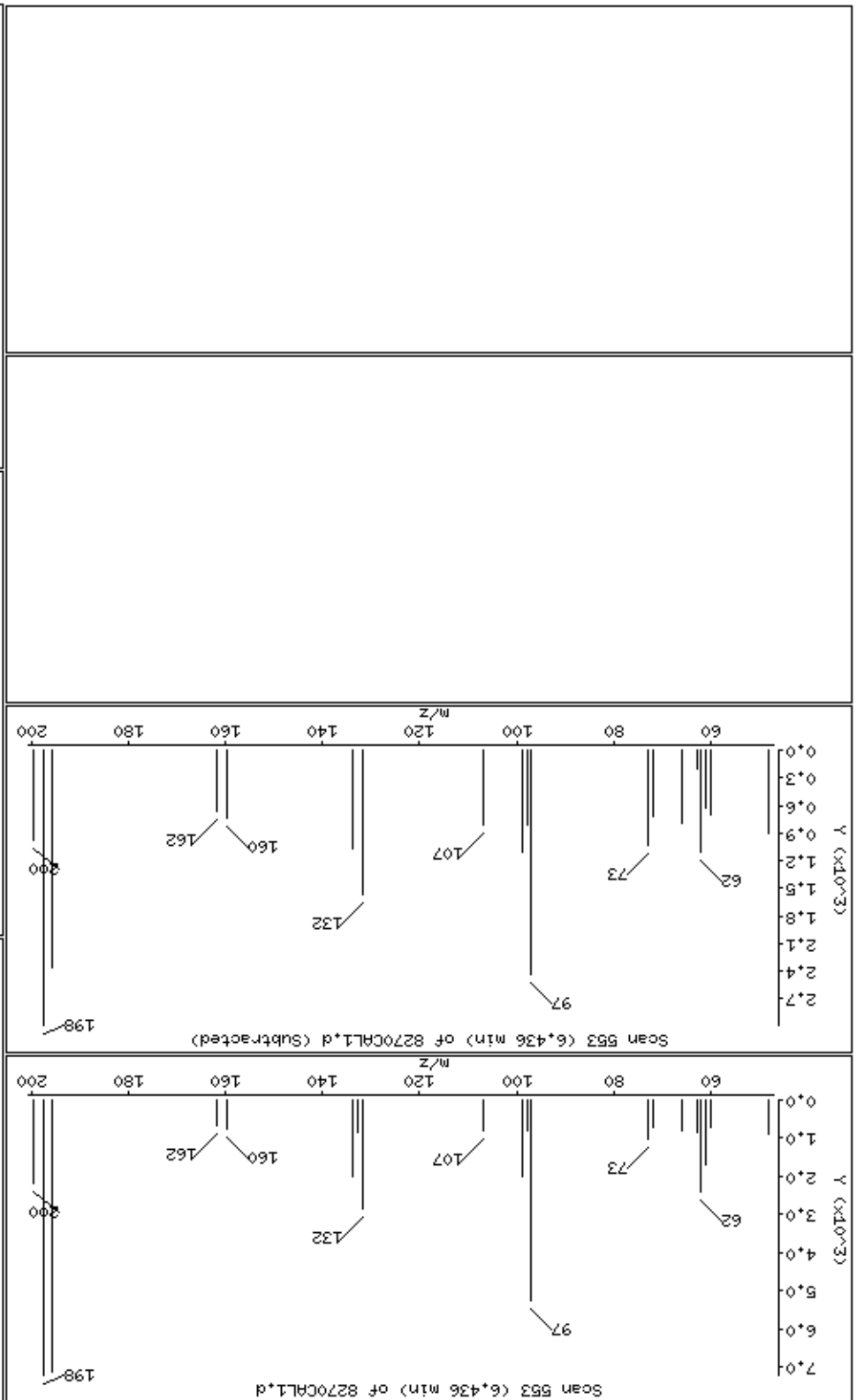
Column diameter: 0.25

Concentration: 3.6 ug/kg

Instrument: smsd04.1

57 2,4,6-Trichlorophenol

Column phase: HPMS-5



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

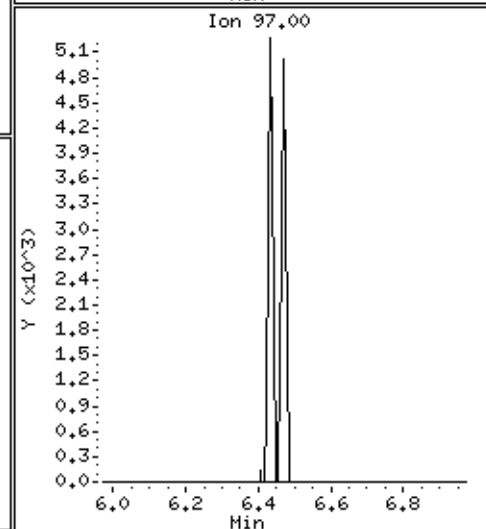
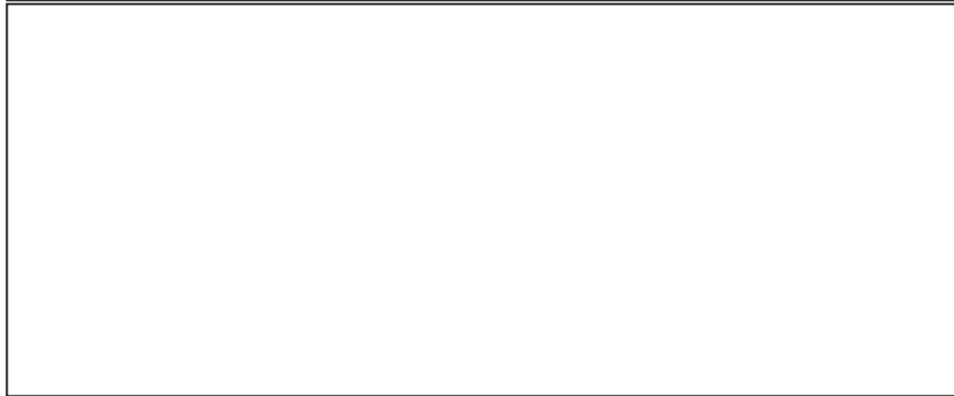
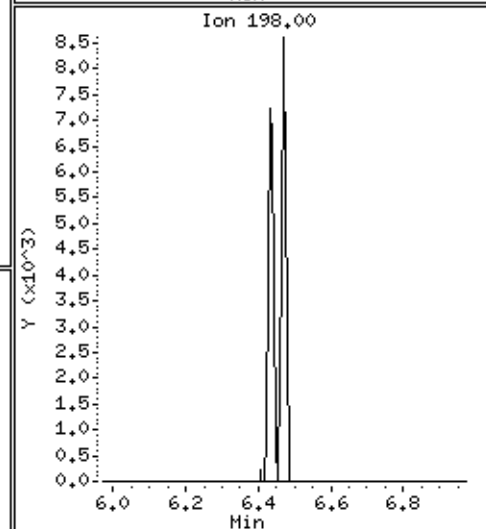
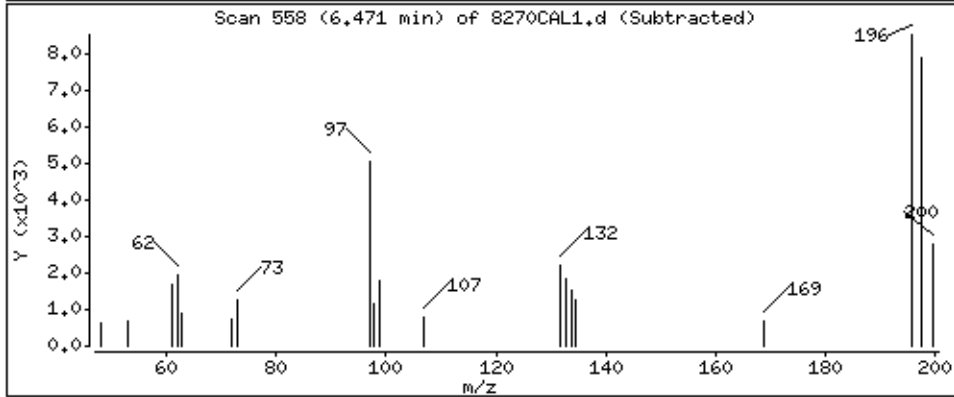
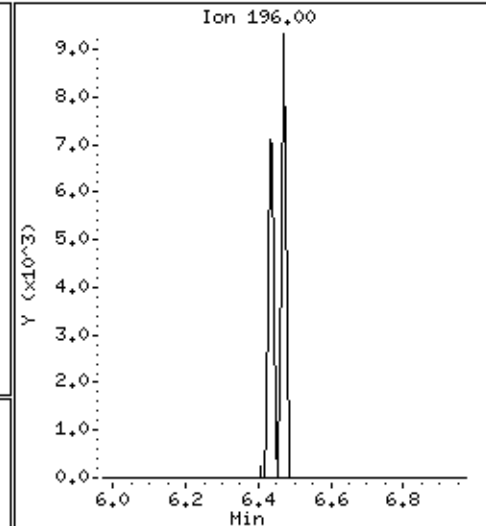
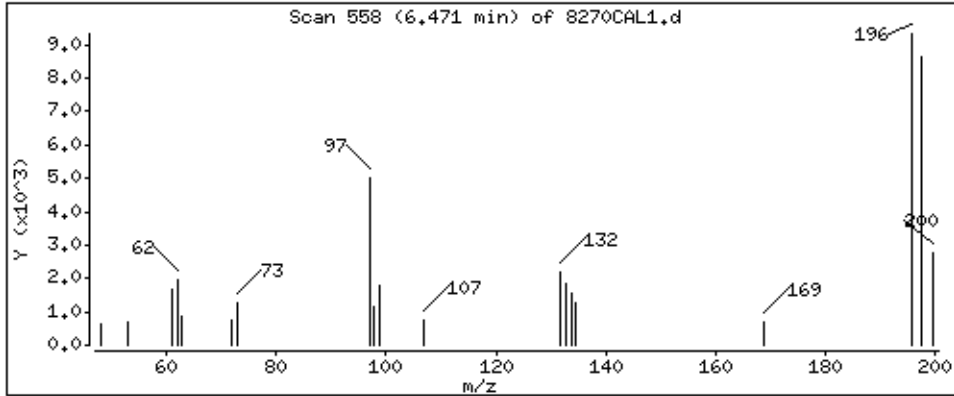
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

58 2,4,5-Trichlorophenol

Concentration: 3,6 ug/kg



Date: 15-NOV-2012 00:46

Client ID: 8270CALL1

Sample Info: 47769

Operator: MJ

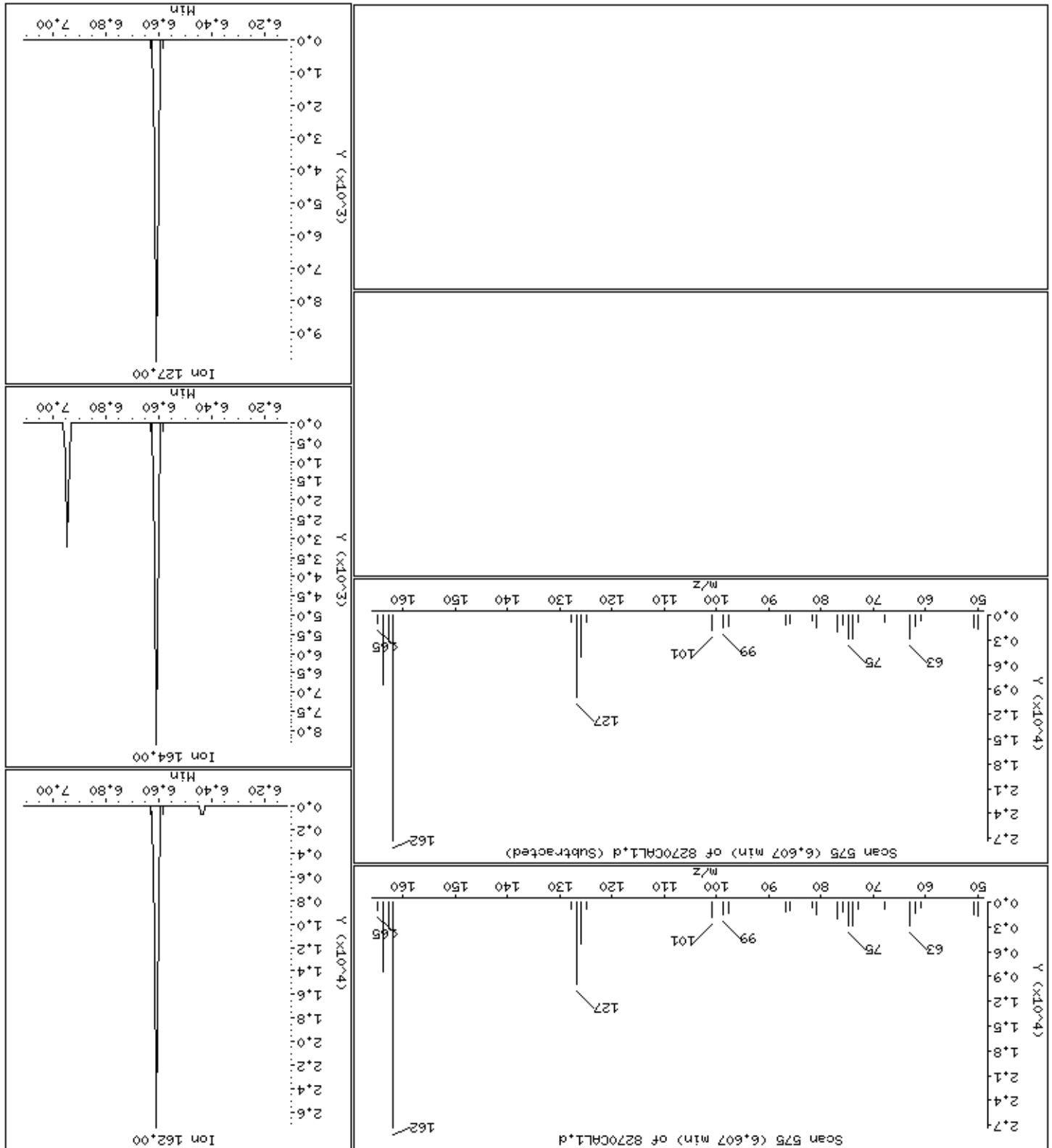
Column diameter: 0.25

Concentration: 3.8 ug/kg

62-2-Chloronaphthalene

Column phase: HPMS-5

Instrument: smsd04.1



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

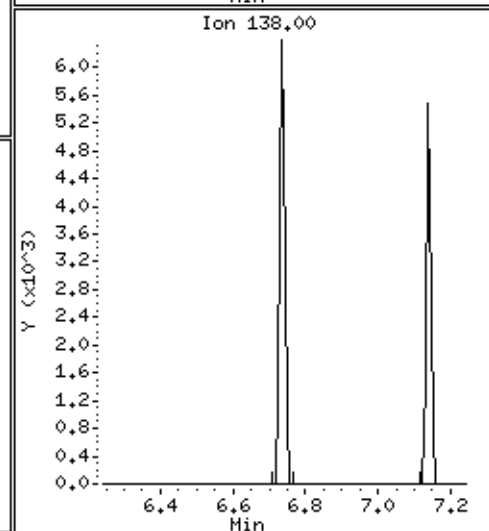
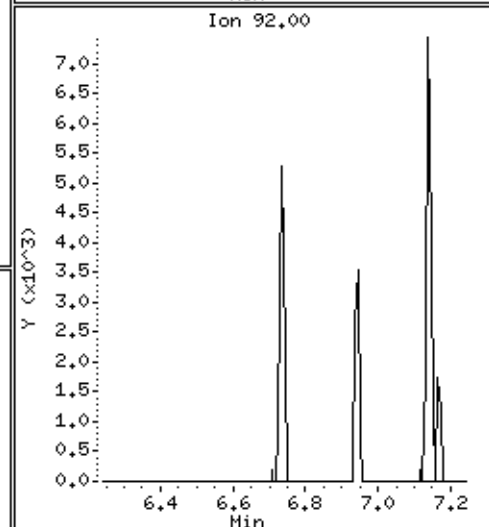
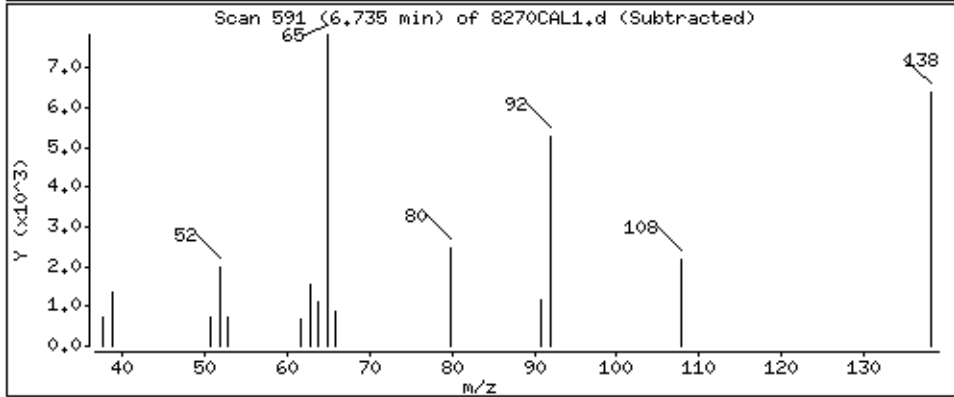
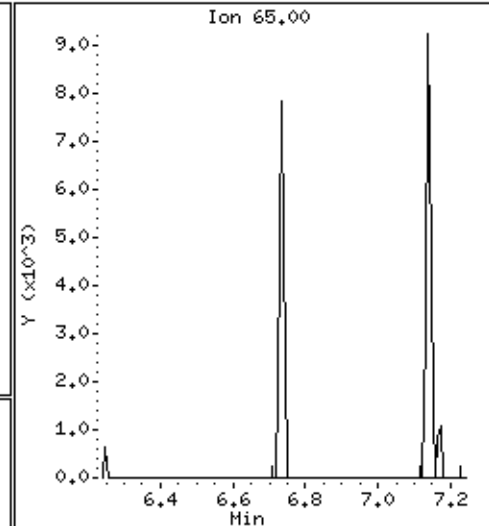
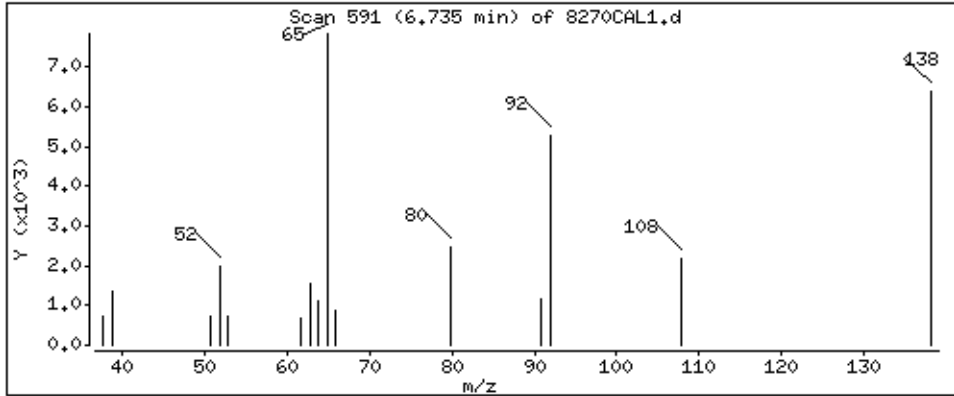
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

63 2-Nitroaniline

Concentration: 3,3 ug/kg



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

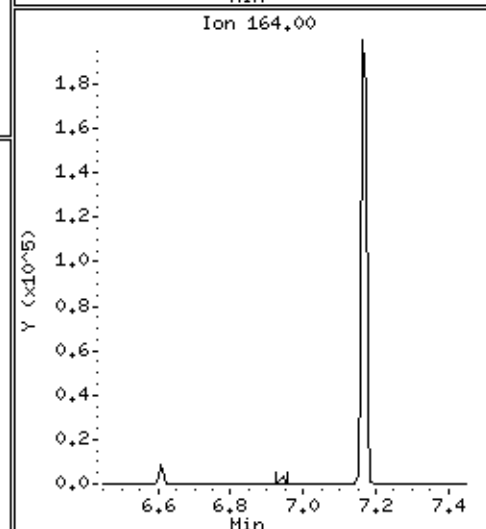
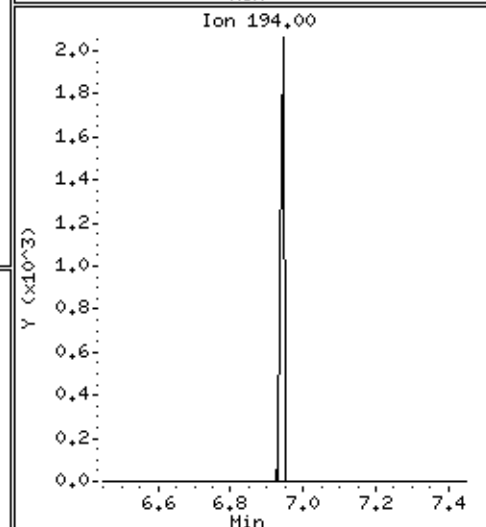
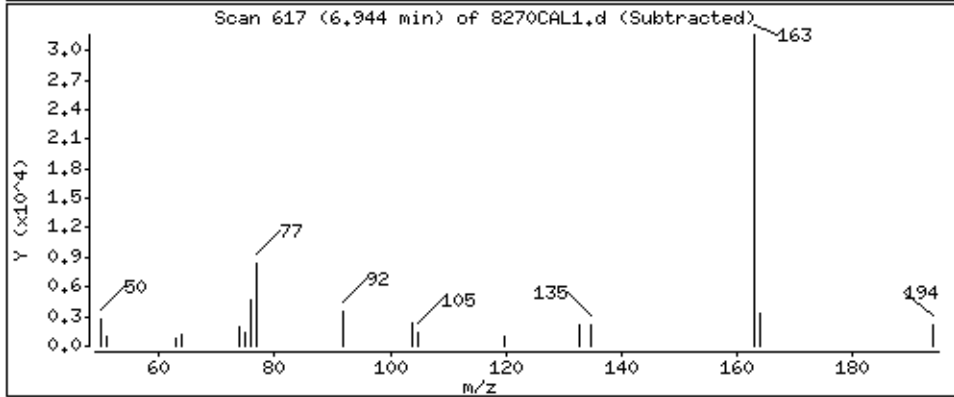
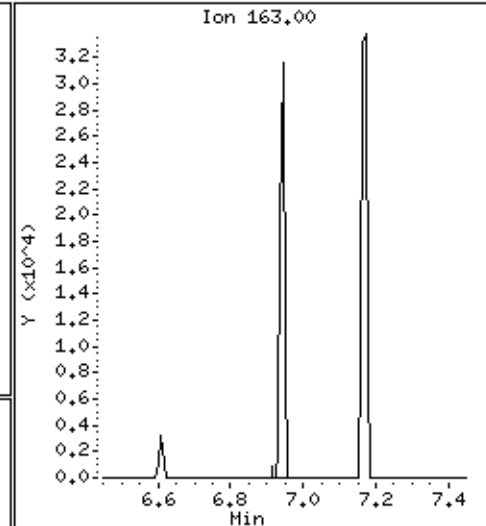
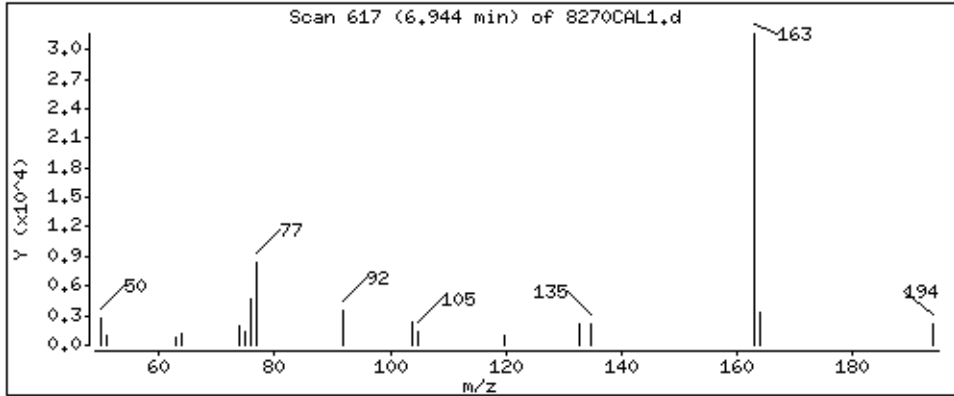
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

65 Dimethylphthalate

Concentration: 3,8 ug/kg



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

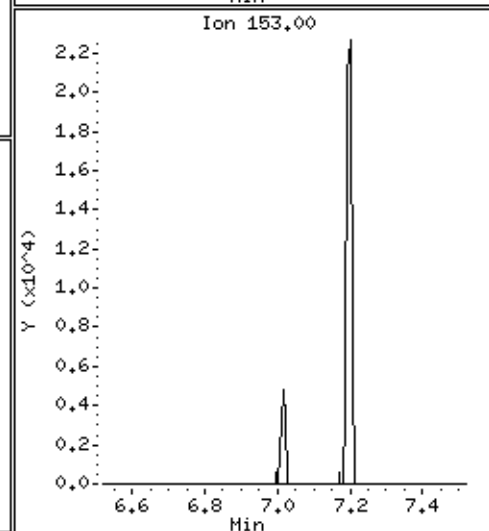
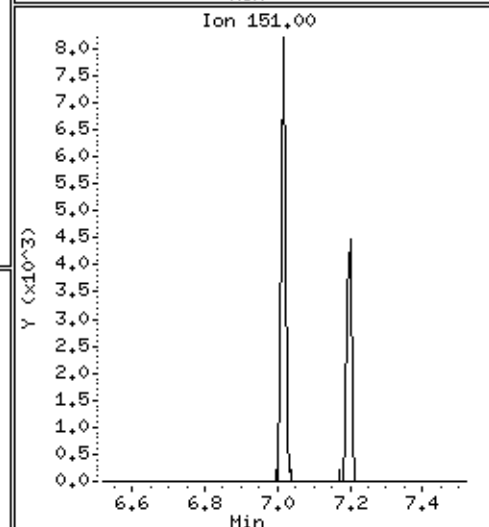
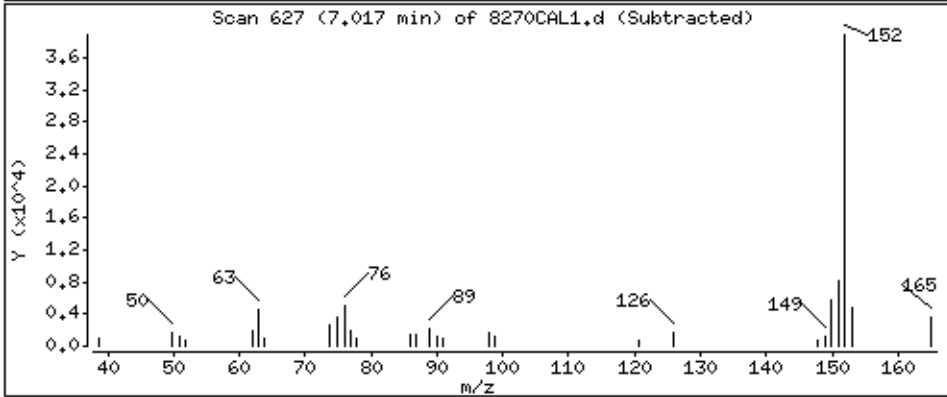
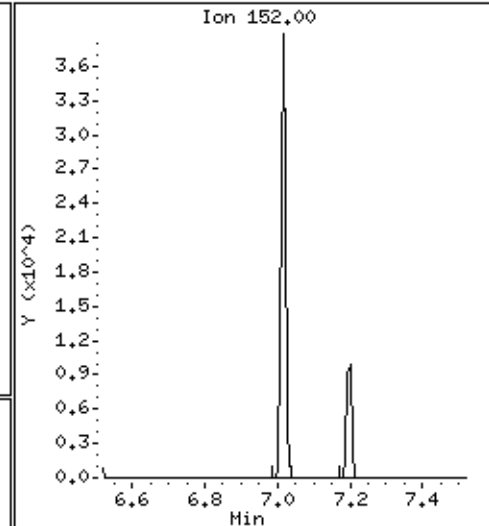
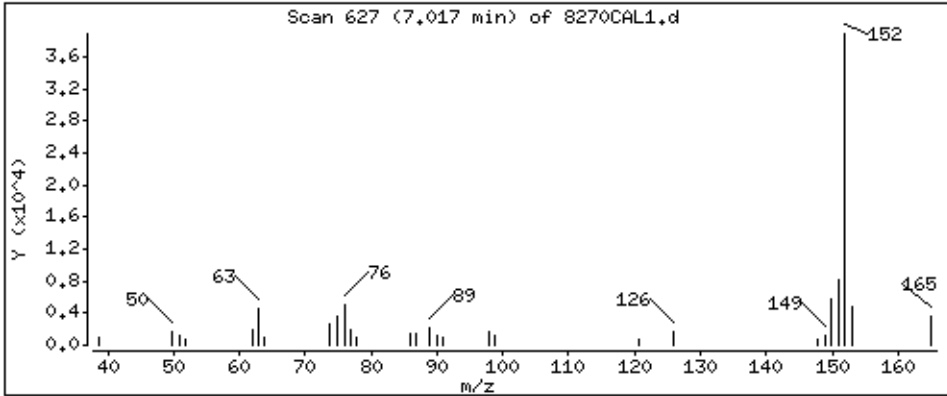
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

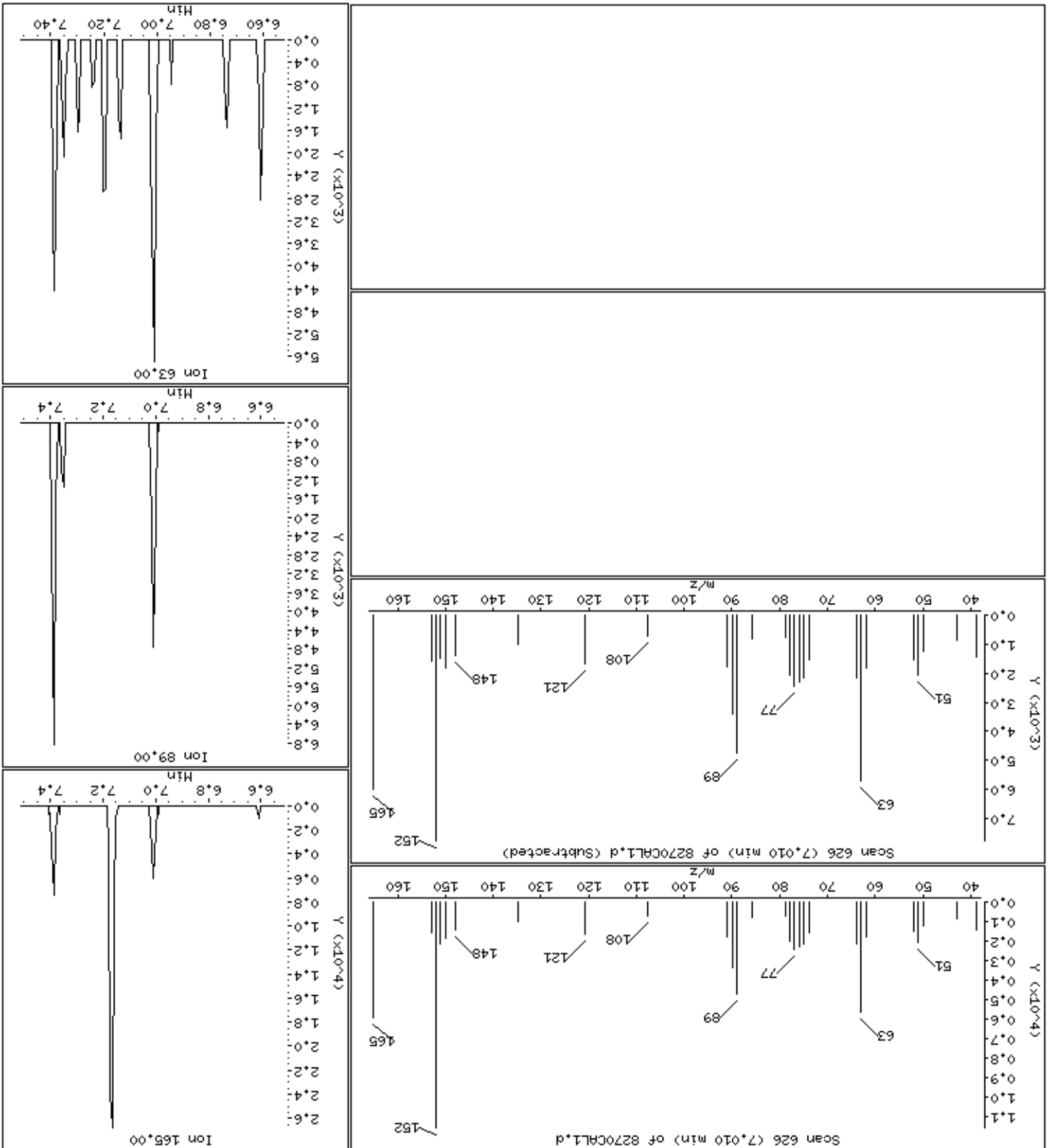
68 Acenaphthylene

Concentration: 3,7 ug/kg

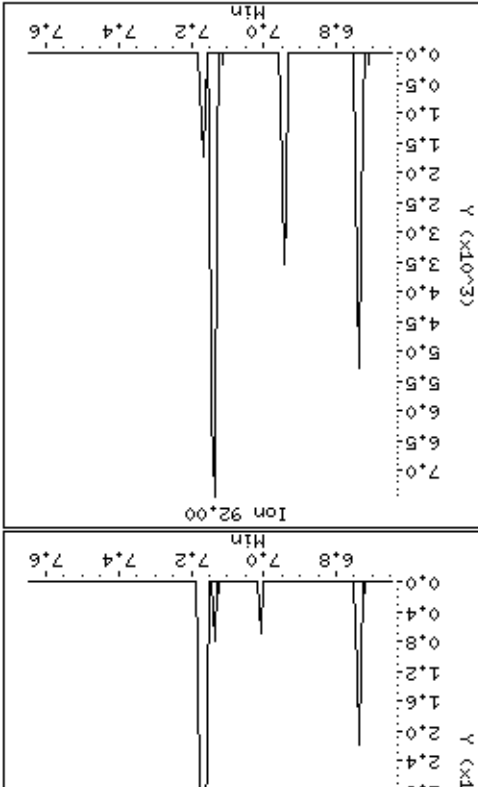
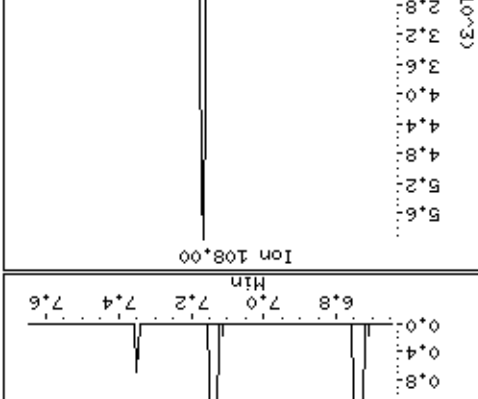
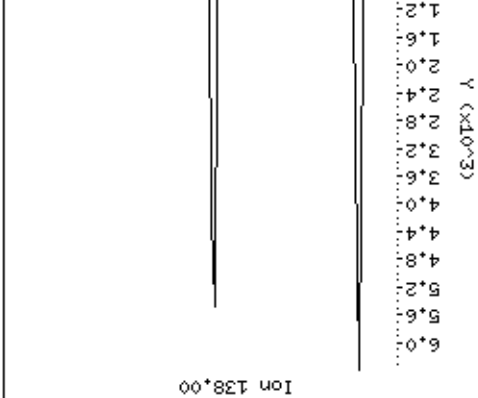
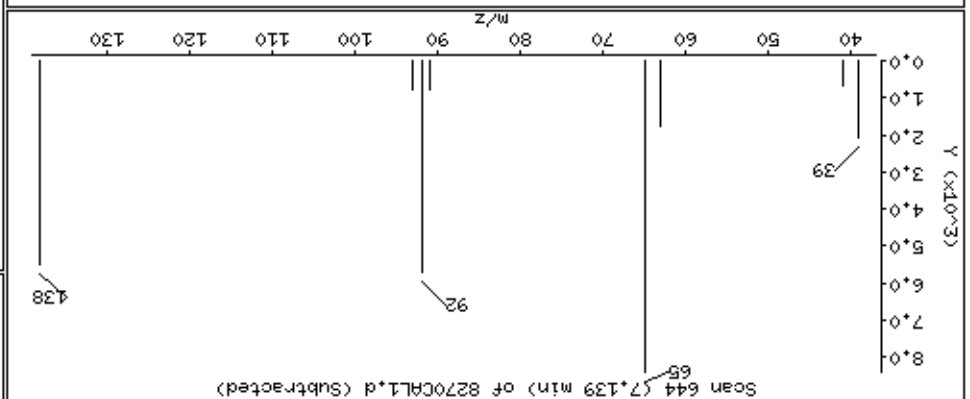
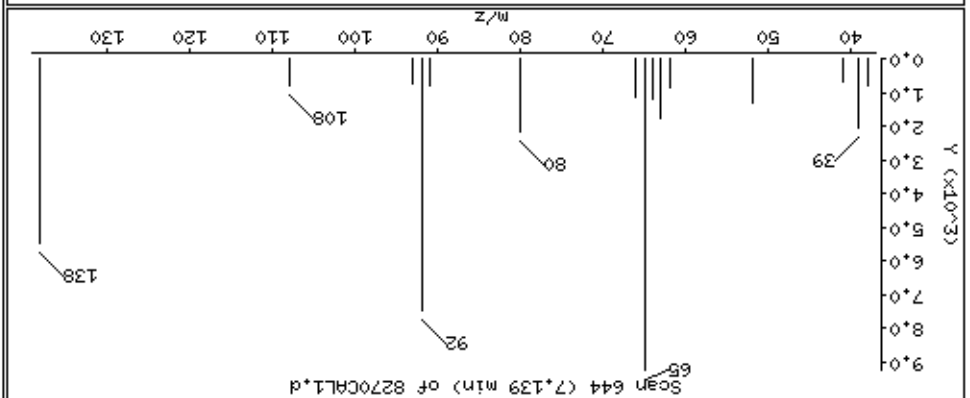


67 2,6-Dinitrotoluene

Column phase: HPMS-5







Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

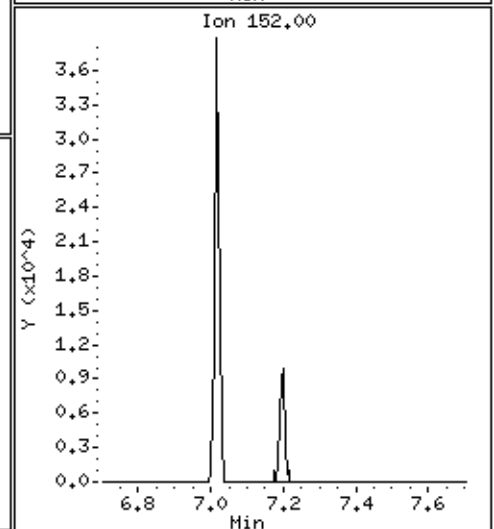
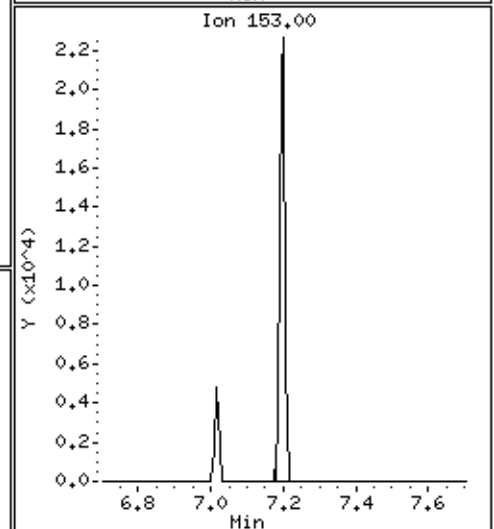
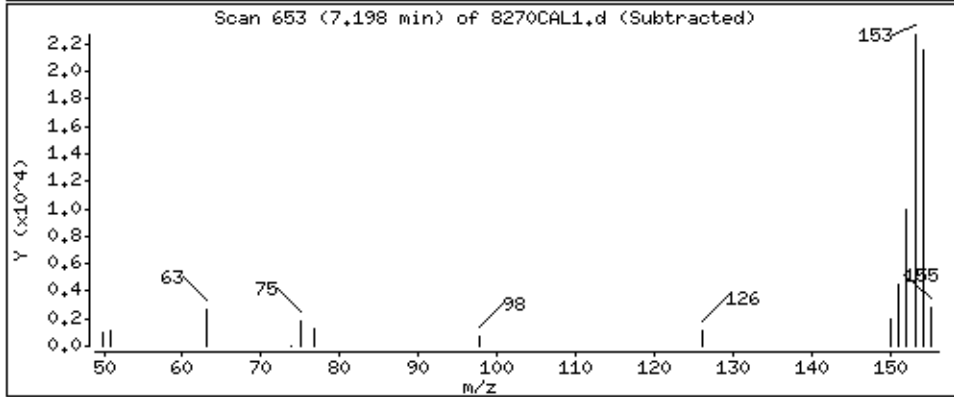
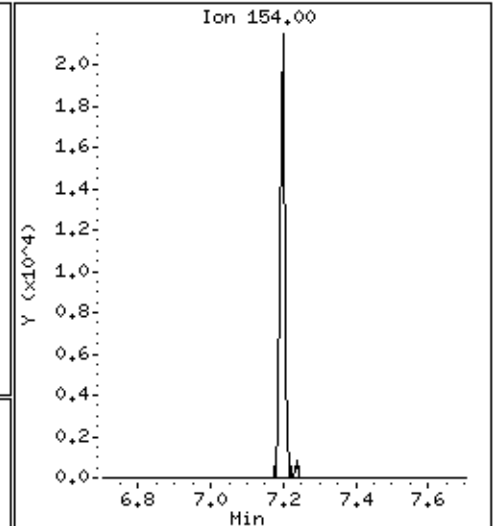
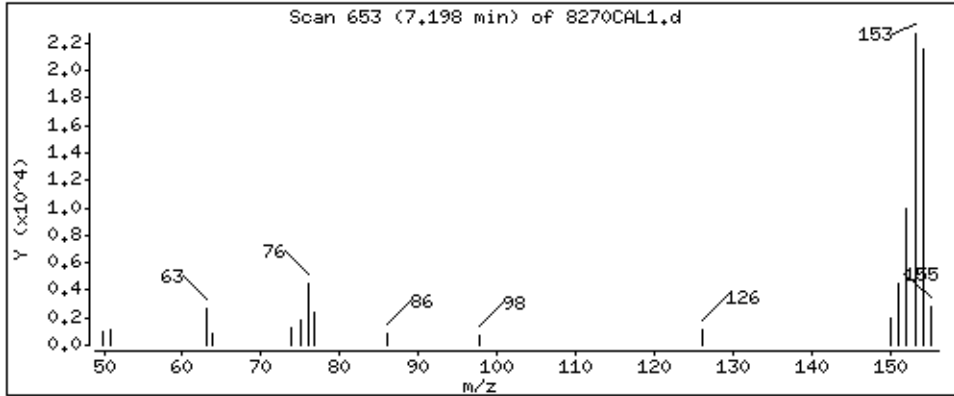
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

71 Acenaphthene

Concentration: 3,8 ug/kg



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

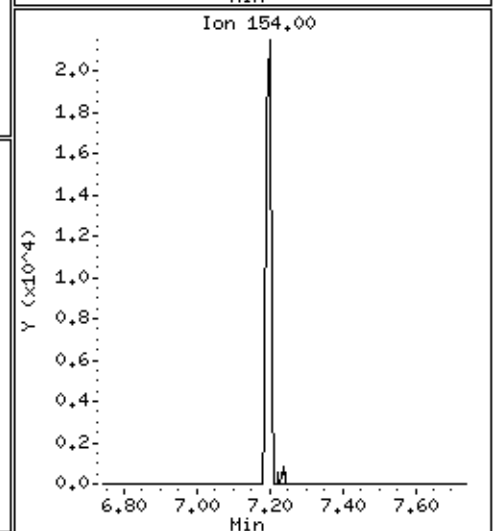
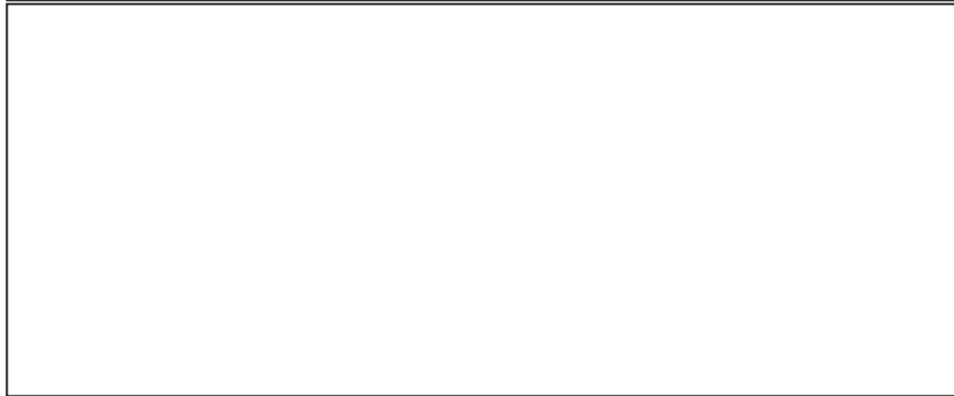
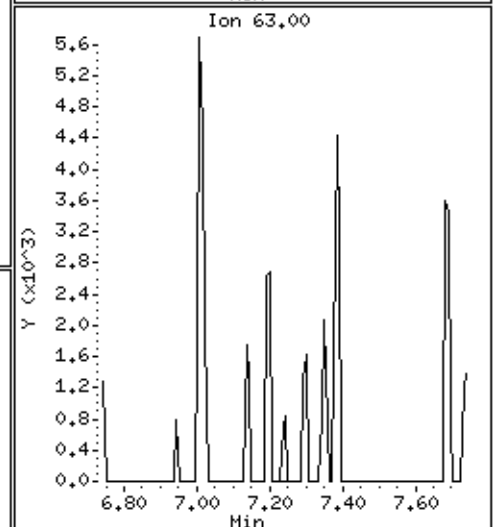
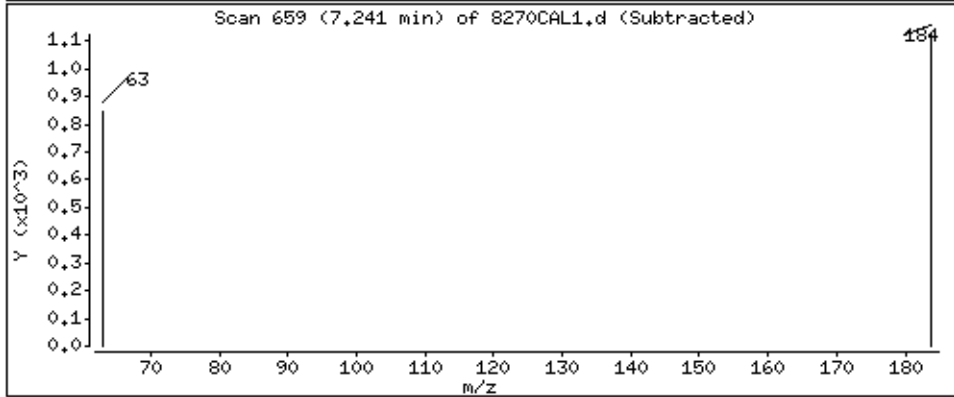
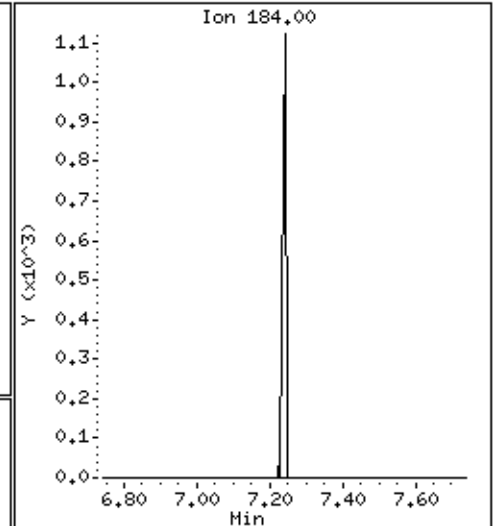
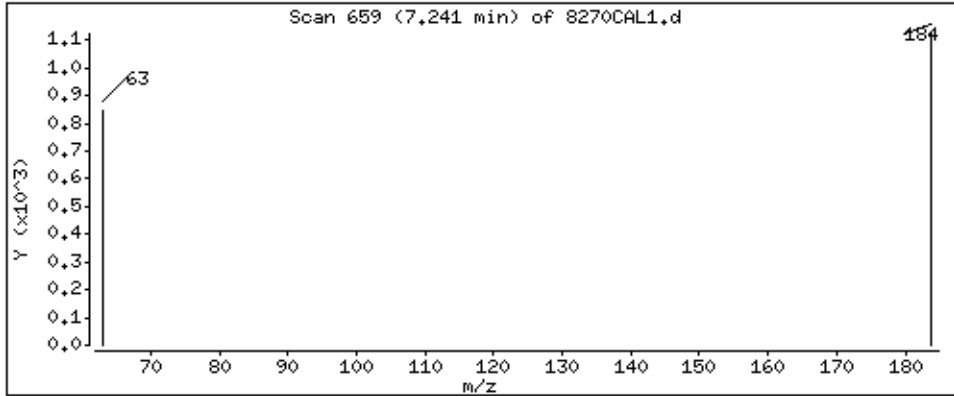
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

72 2,4-Dinitrophenol

Concentration: 8,2 ug/kg



Date: 15-NOV-2012 00:46

Client ID: 8270CALL

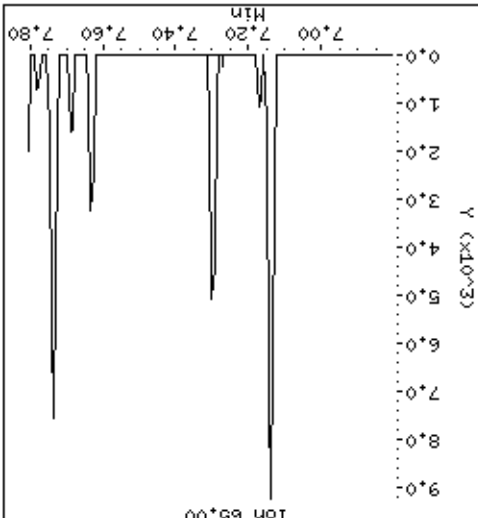
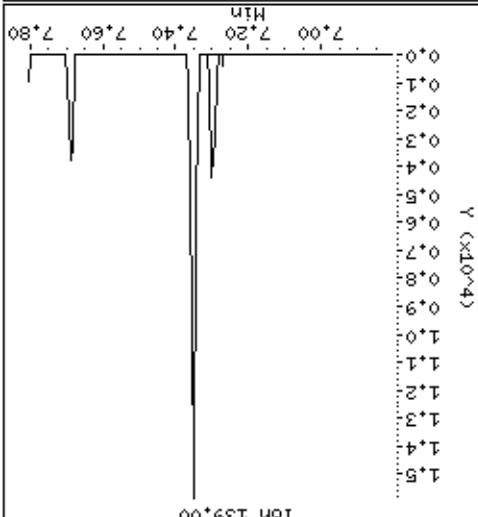
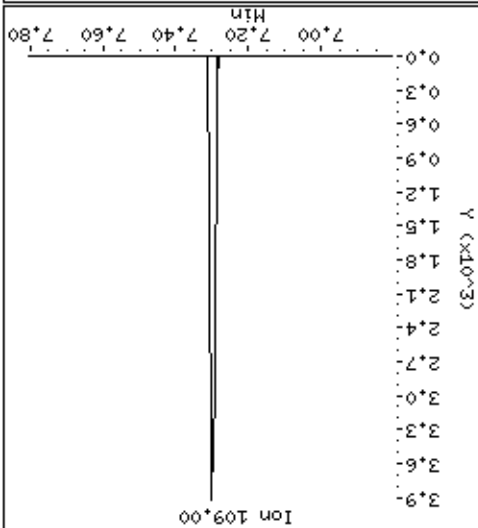
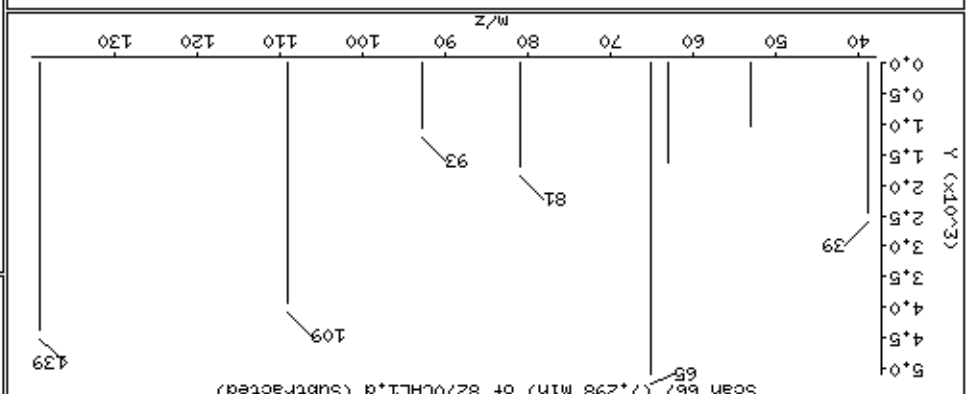
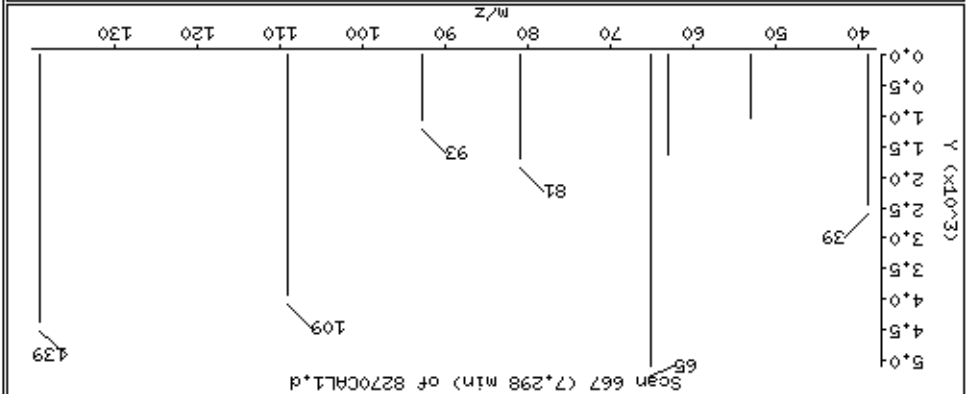
Sample Info: 4769

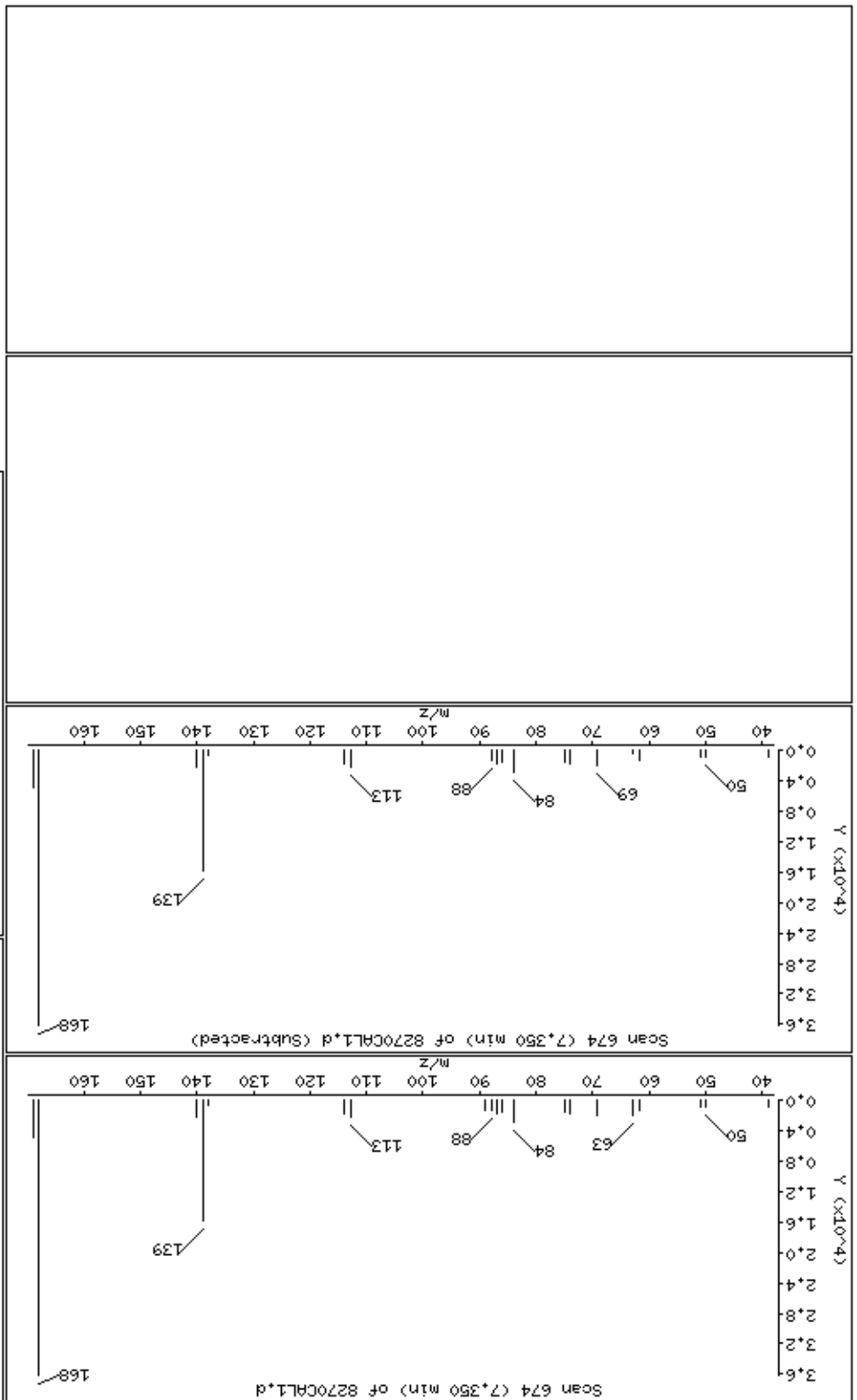
Operator: MJ

Column diameter: 0.25

74-4-Nitrophenol

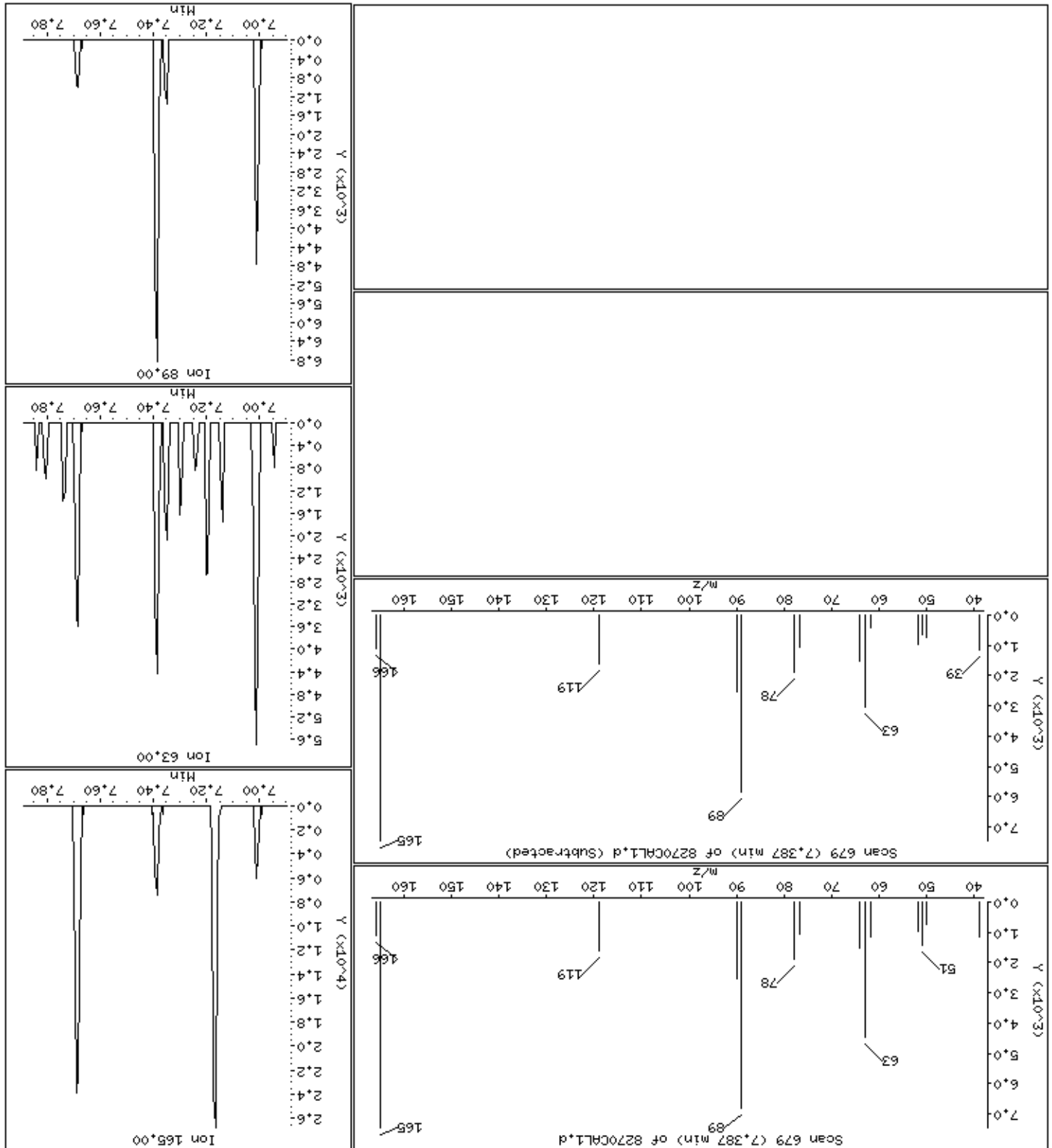
Concentration: 2.6 ug/kg





76 2,4-Dinitrotoluene

Column phase: HPMS-5



Date: 15-NOV-2012 00:46

Client ID: 8270CALL1

Sample Info: 47769

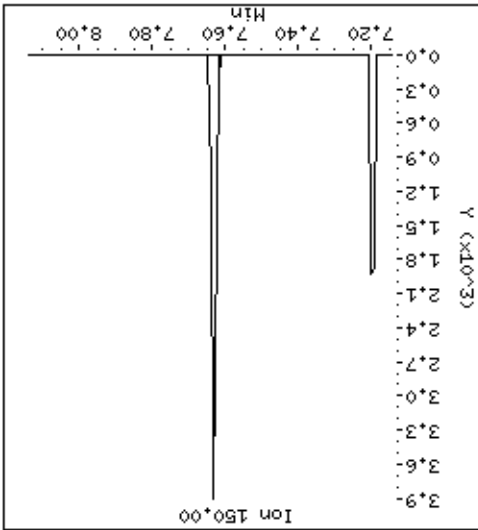
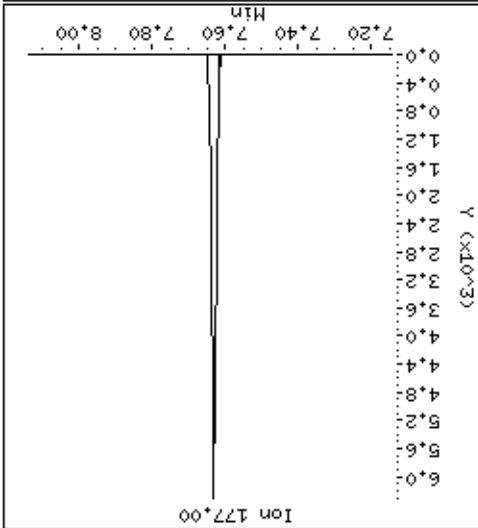
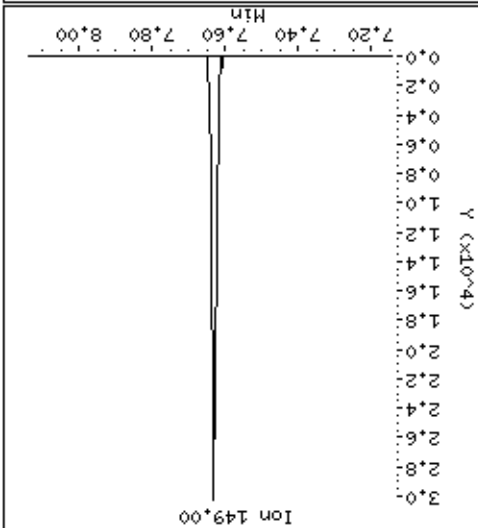
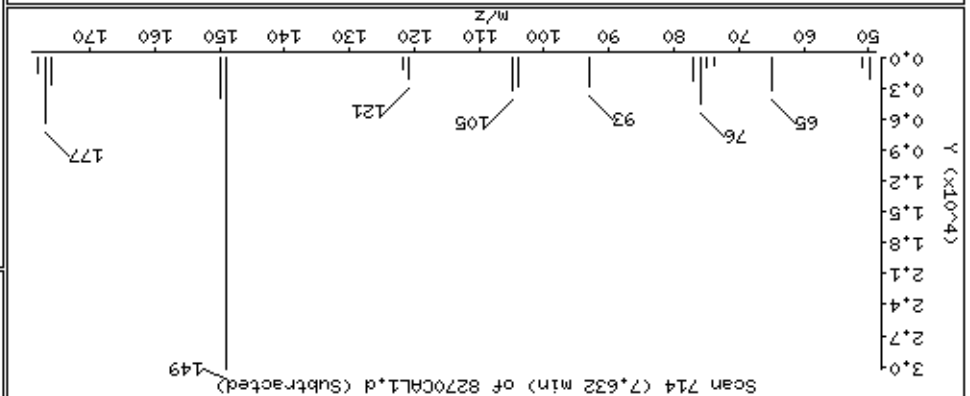
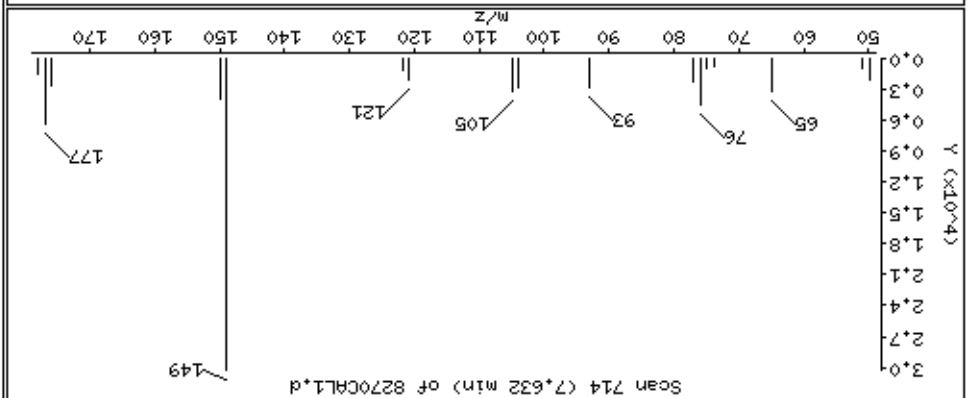
Operator: MJ

Column diameter: 0.25

Concentration: 3.8 ug/kg

Instrument: smsd04.1

80 Diethylphthalate



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

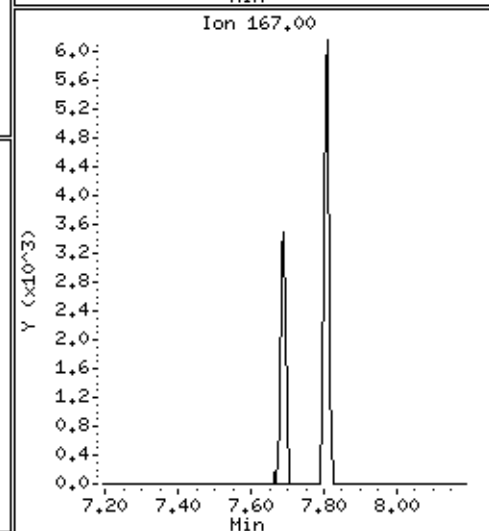
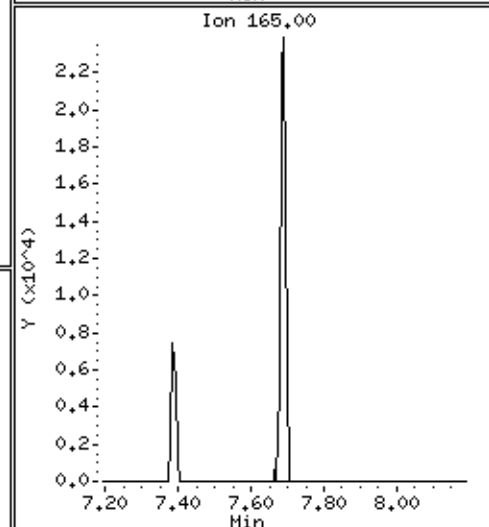
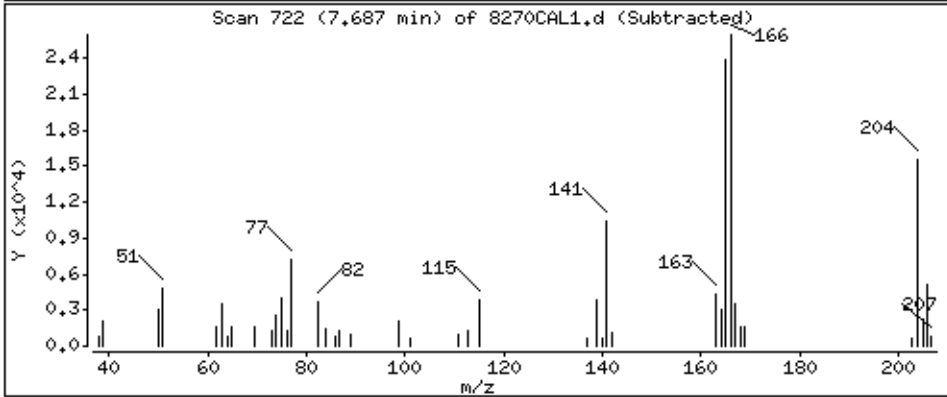
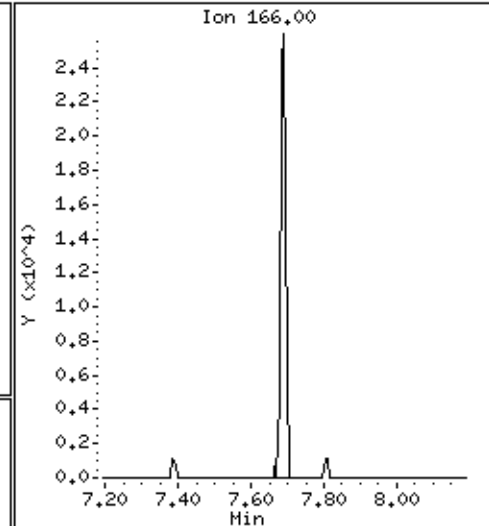
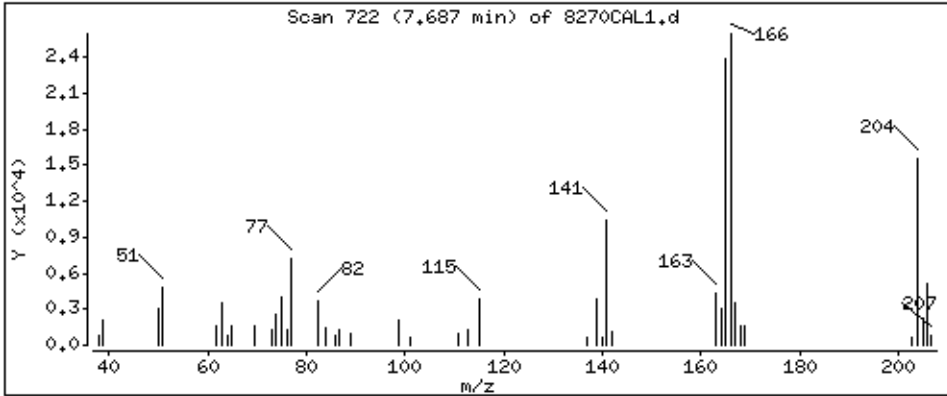
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

81 Fluorene

Concentration: 3,6 ug/kg





Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

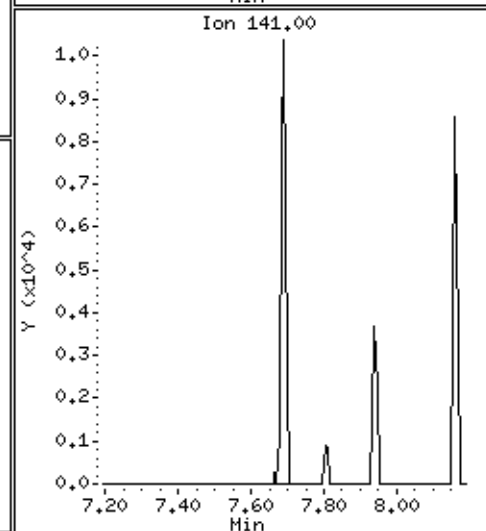
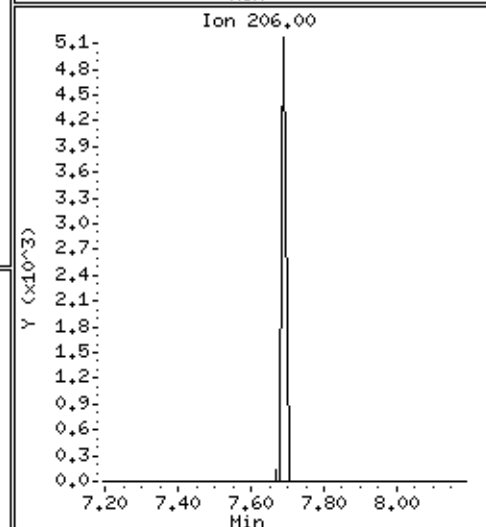
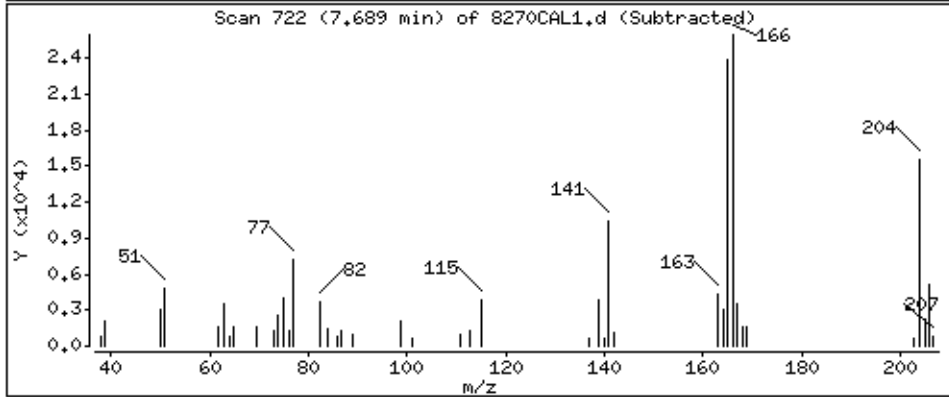
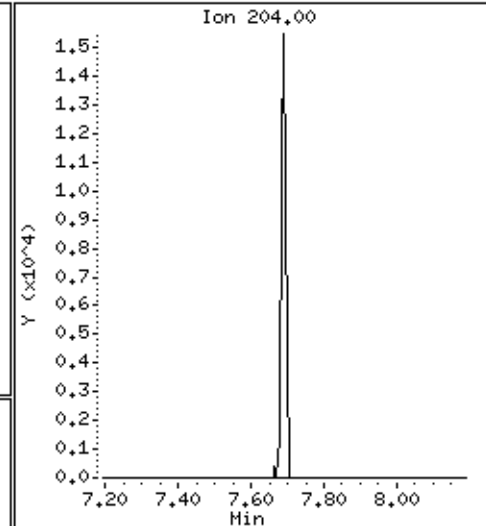
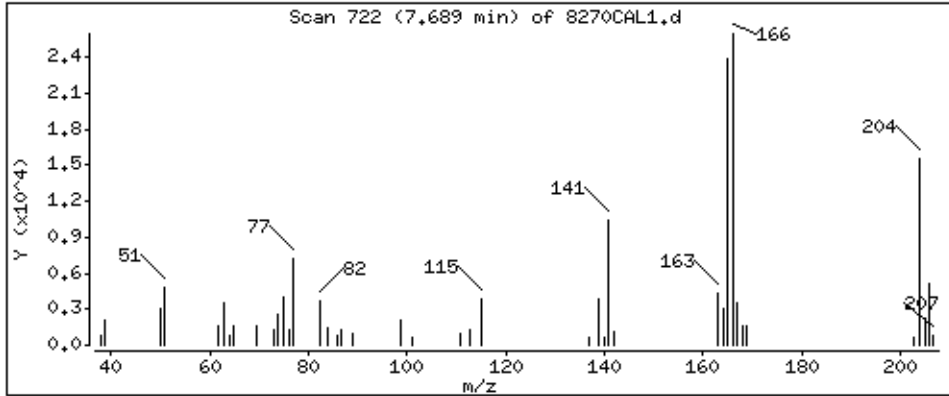
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

82 4-Chlorophenyl-phenylether

Concentration: 3,6 ug/kg



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

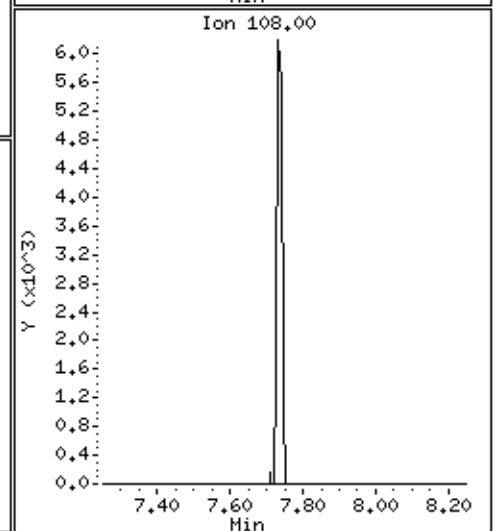
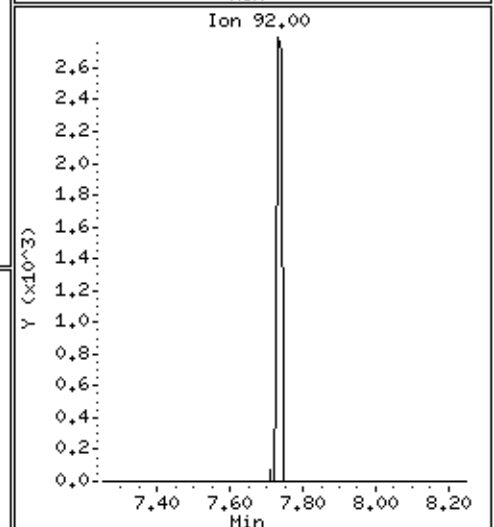
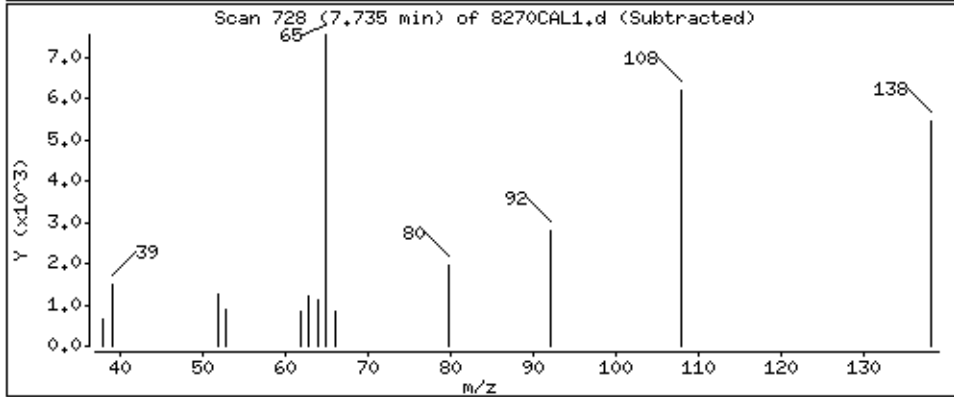
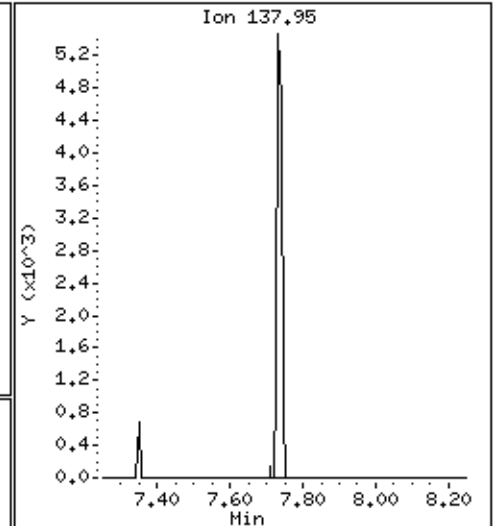
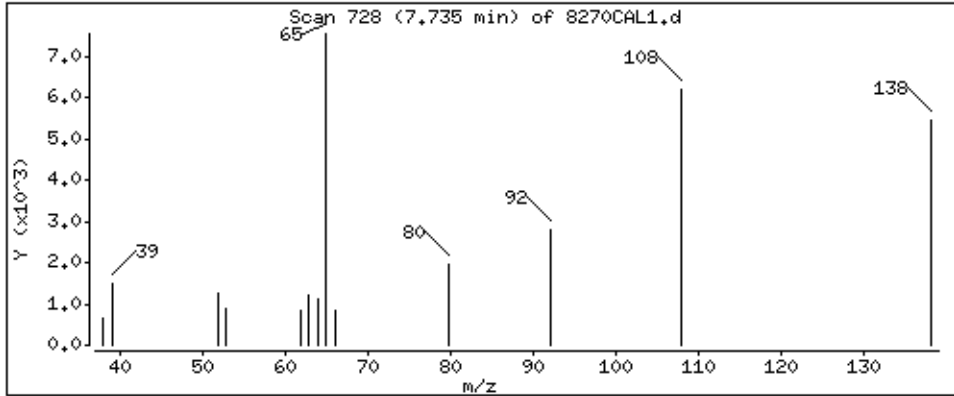
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

84 4-Nitroaniline

Concentration: 3,8 ug/kg



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

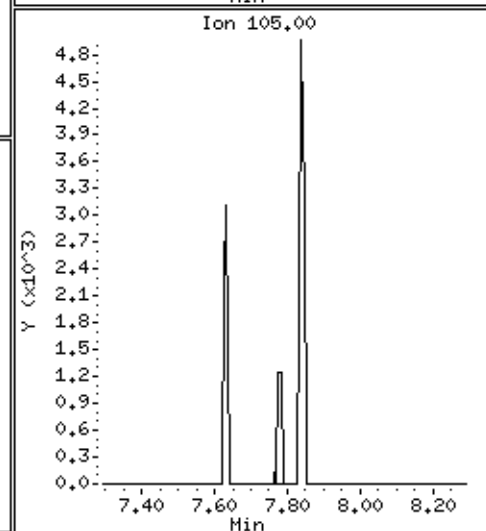
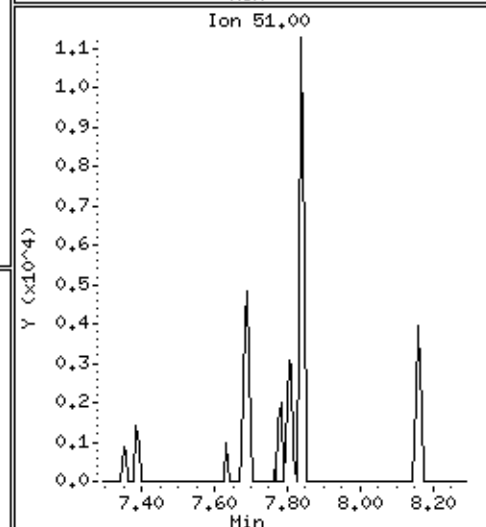
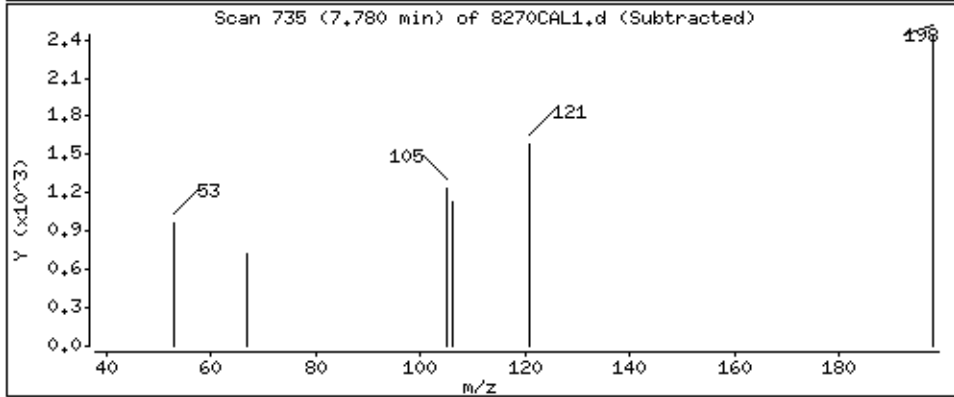
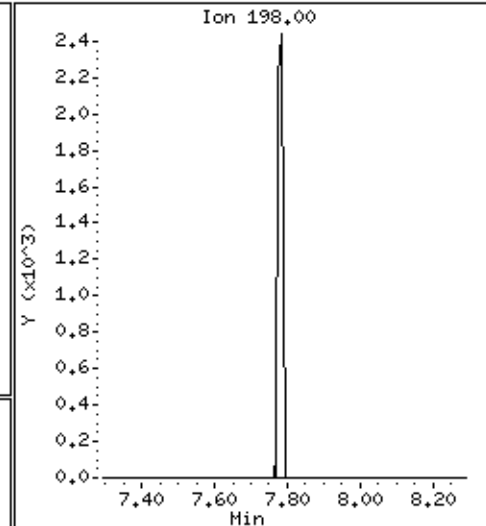
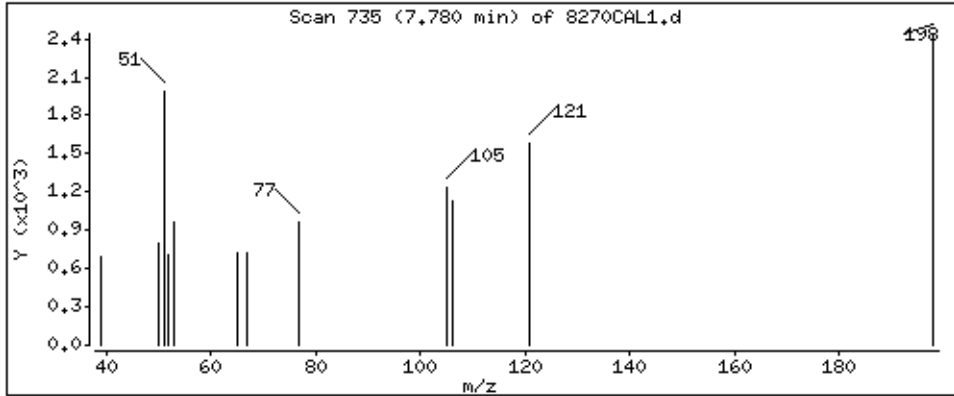
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

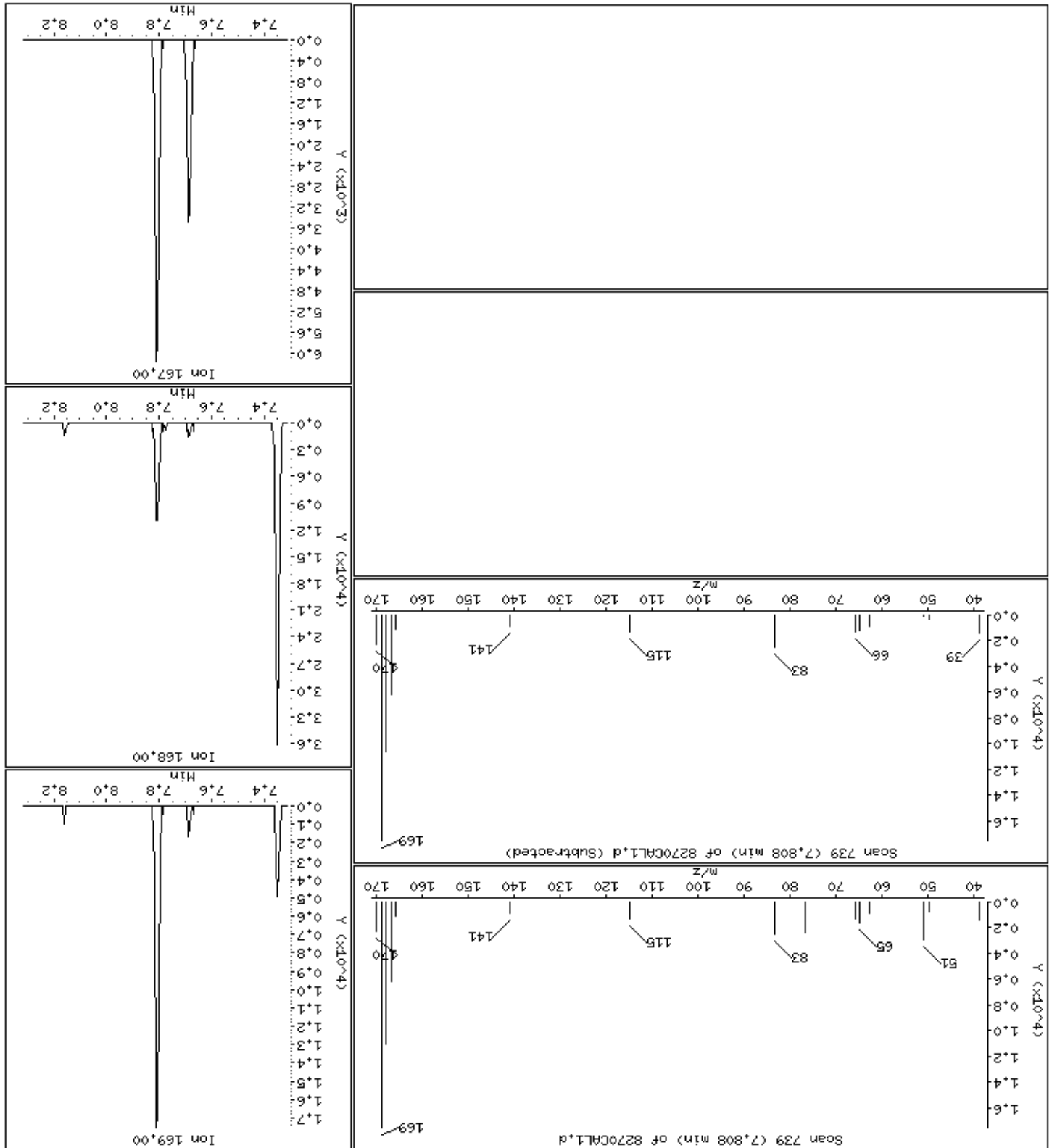
85 4,6-Dinitro-2-methylphenol

Concentration: 1,8 ug/kg

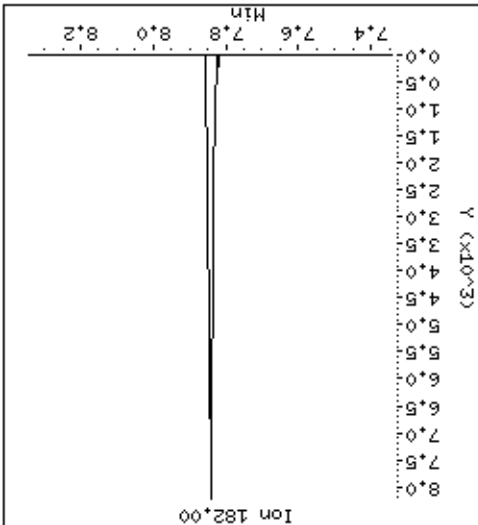
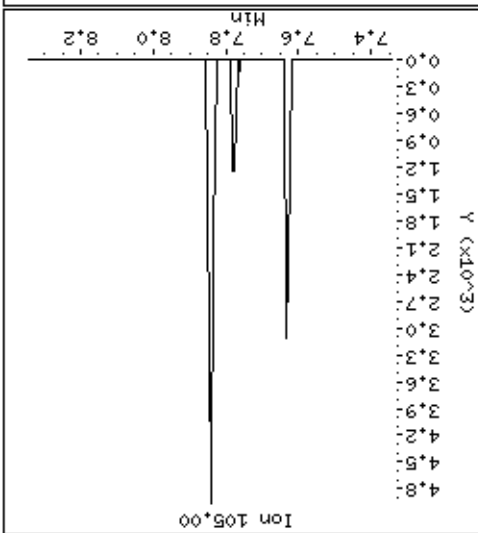
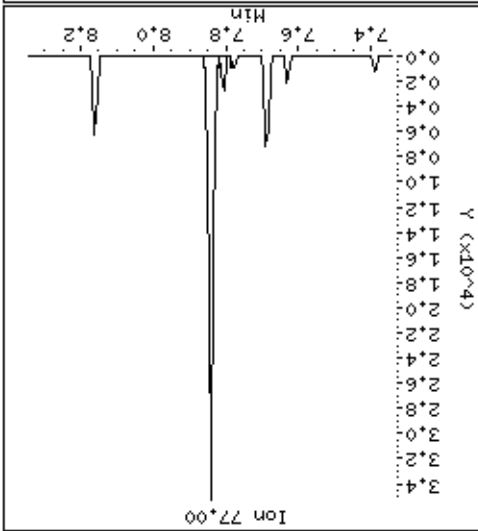
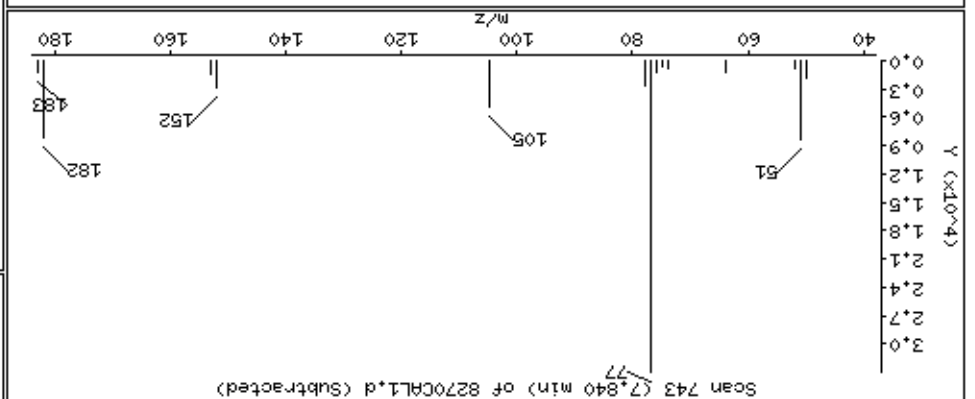
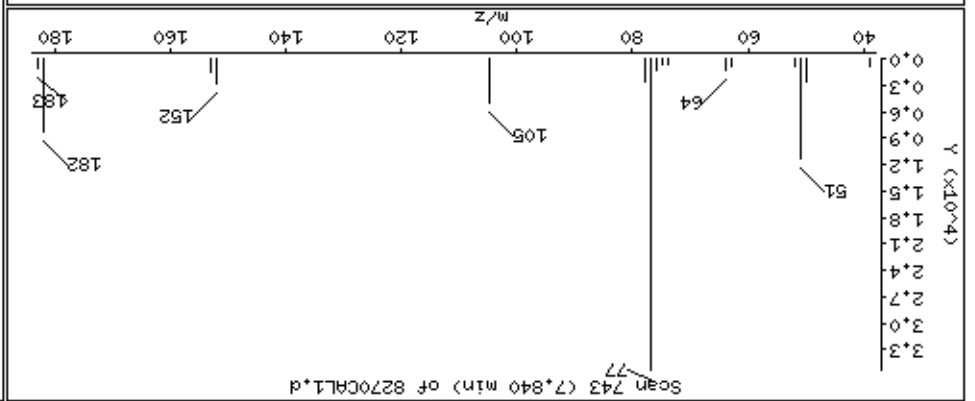


86 N-Nitrosodiphenylamine

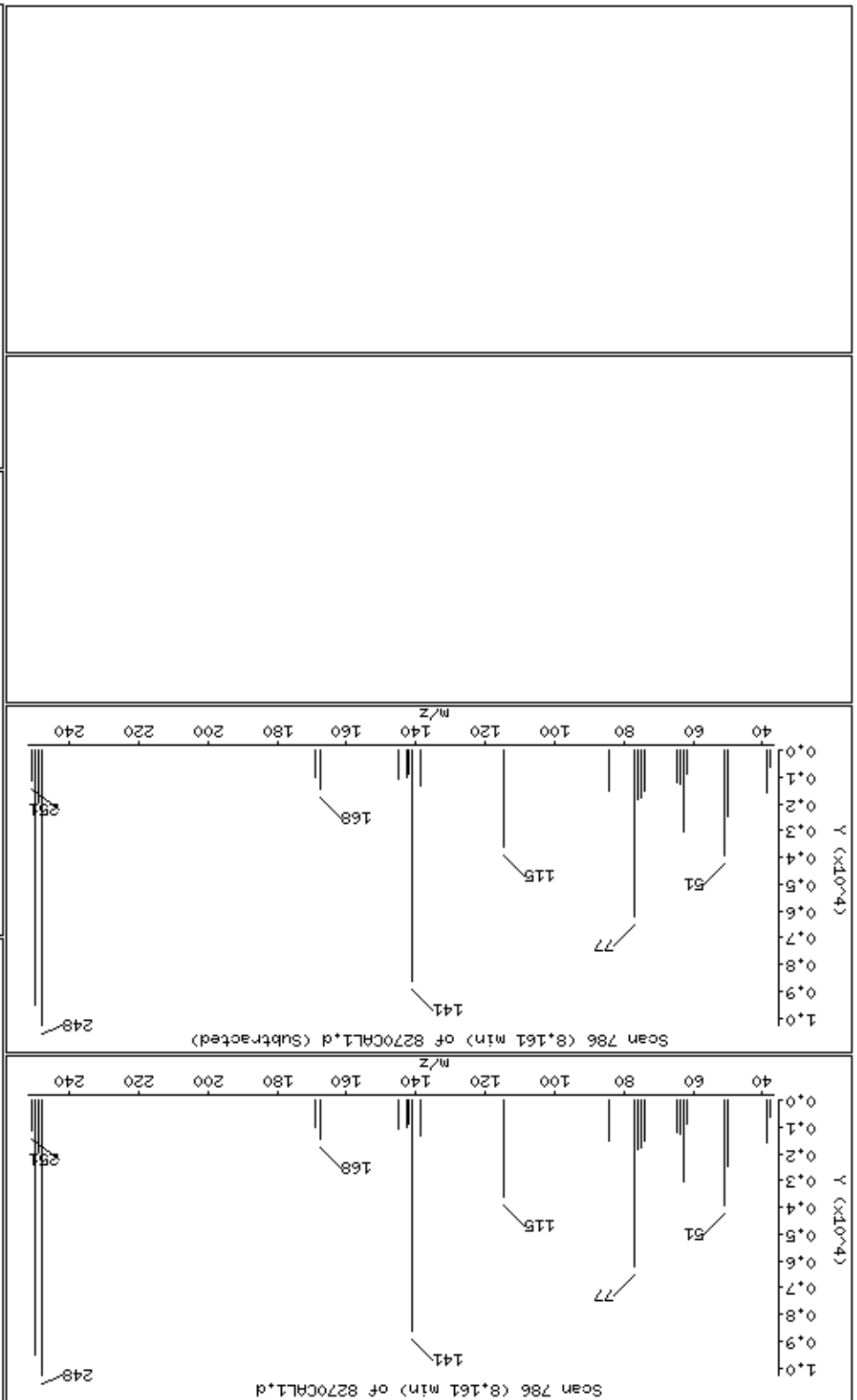
Column phase: HPMS-5



87 1,2-Diphenylhydrazine



93-4-Bromophenylphenylether



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

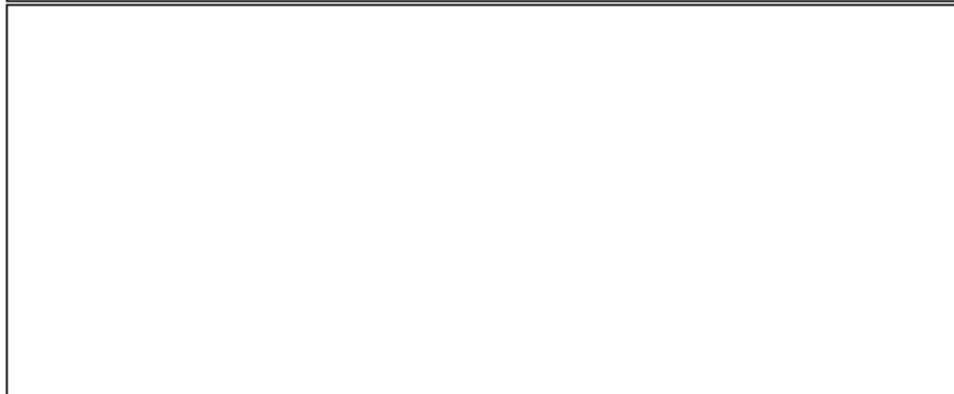
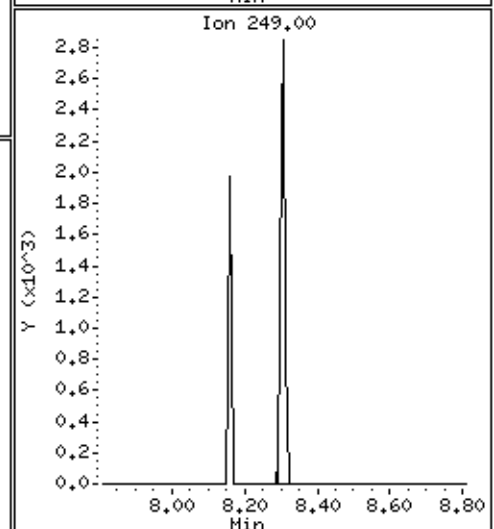
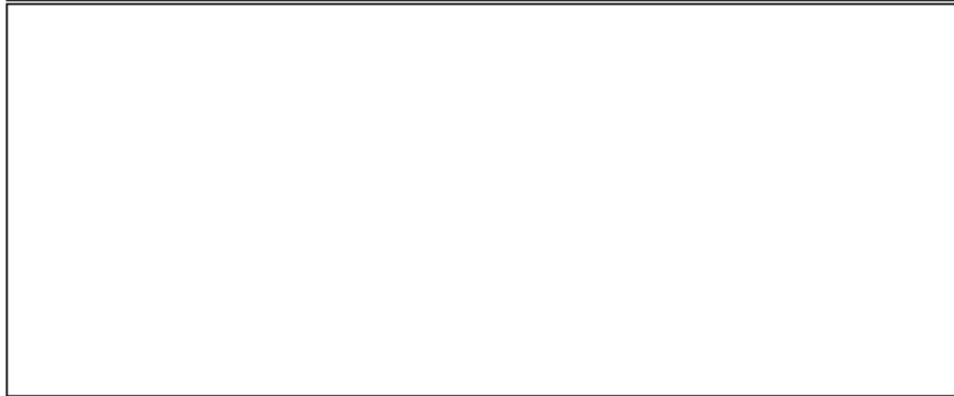
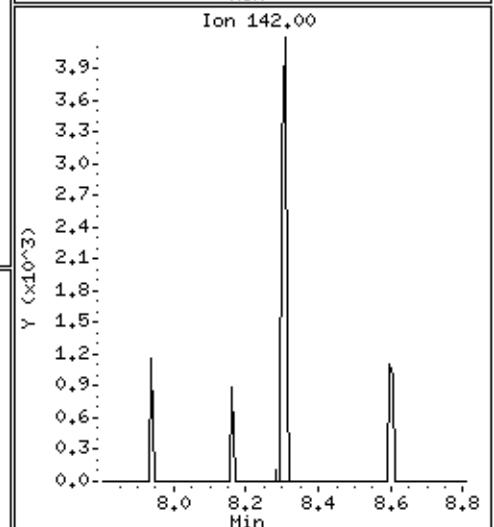
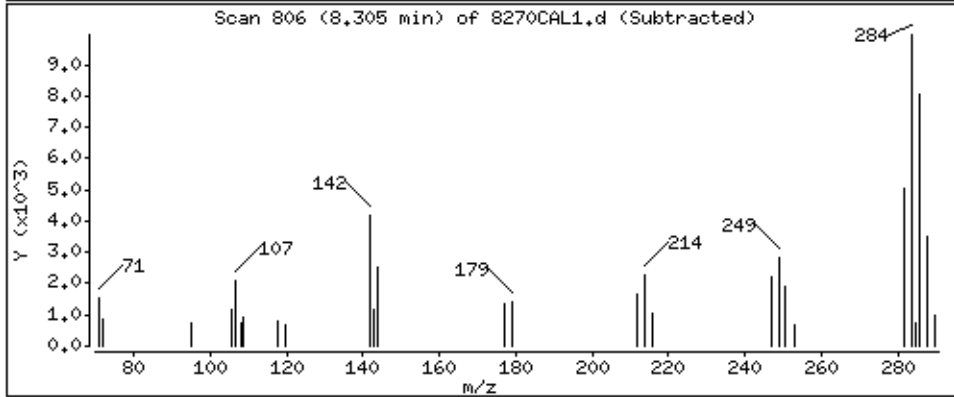
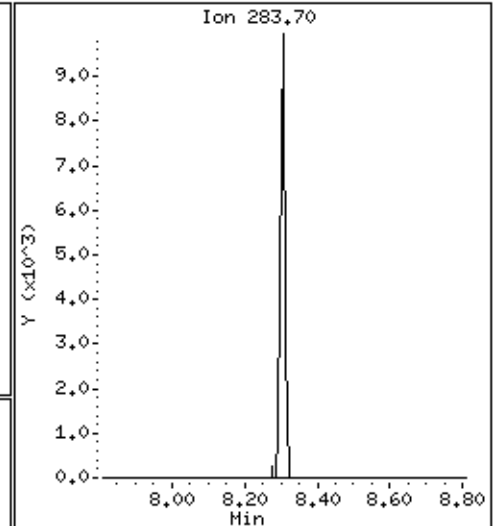
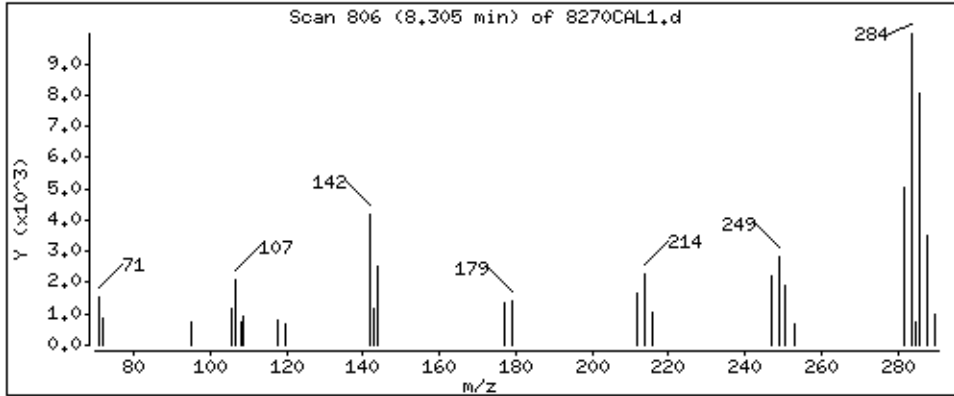
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

94 Hexachlorobenzene

Concentration: 3,7 ug/kg



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

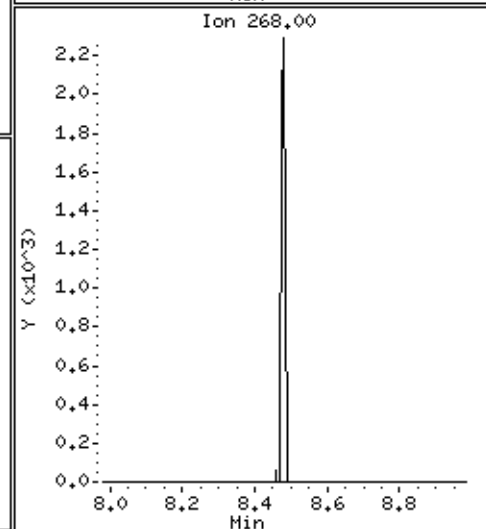
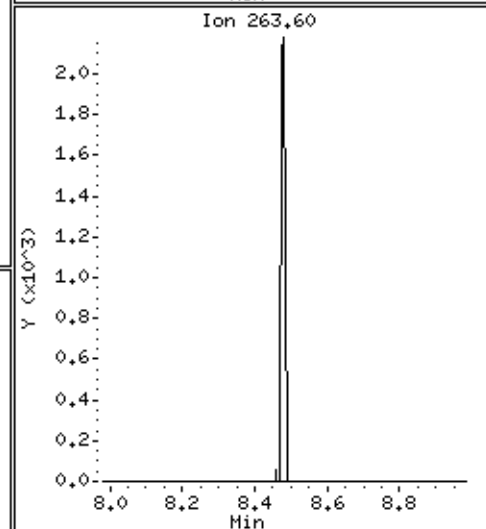
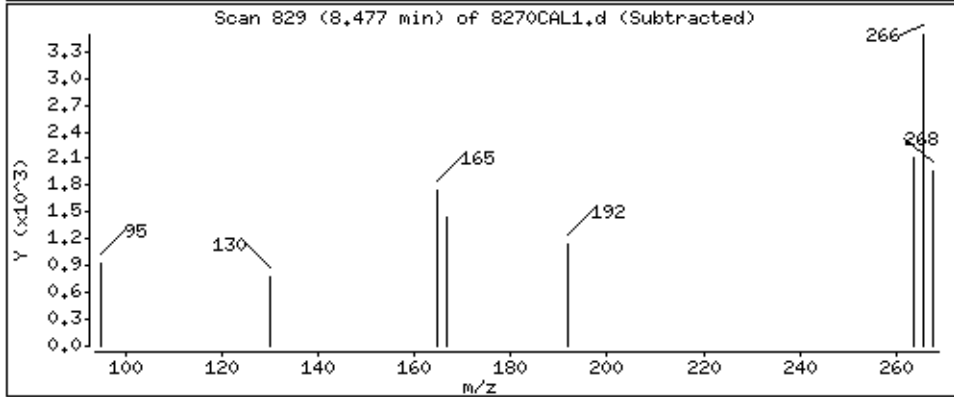
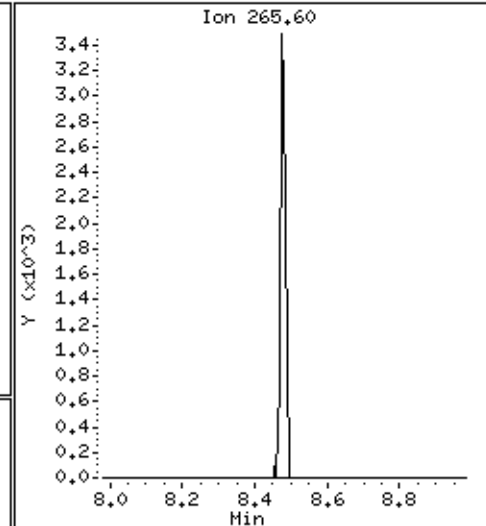
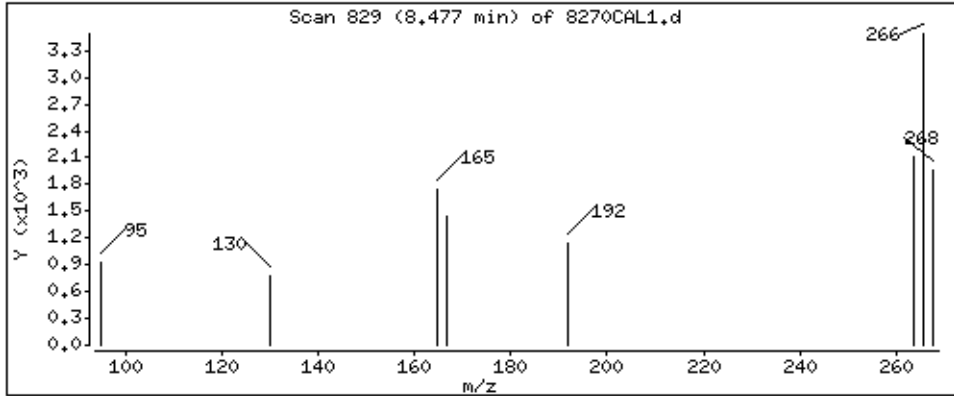
Operator: MJ

Column phase: HPMS-5

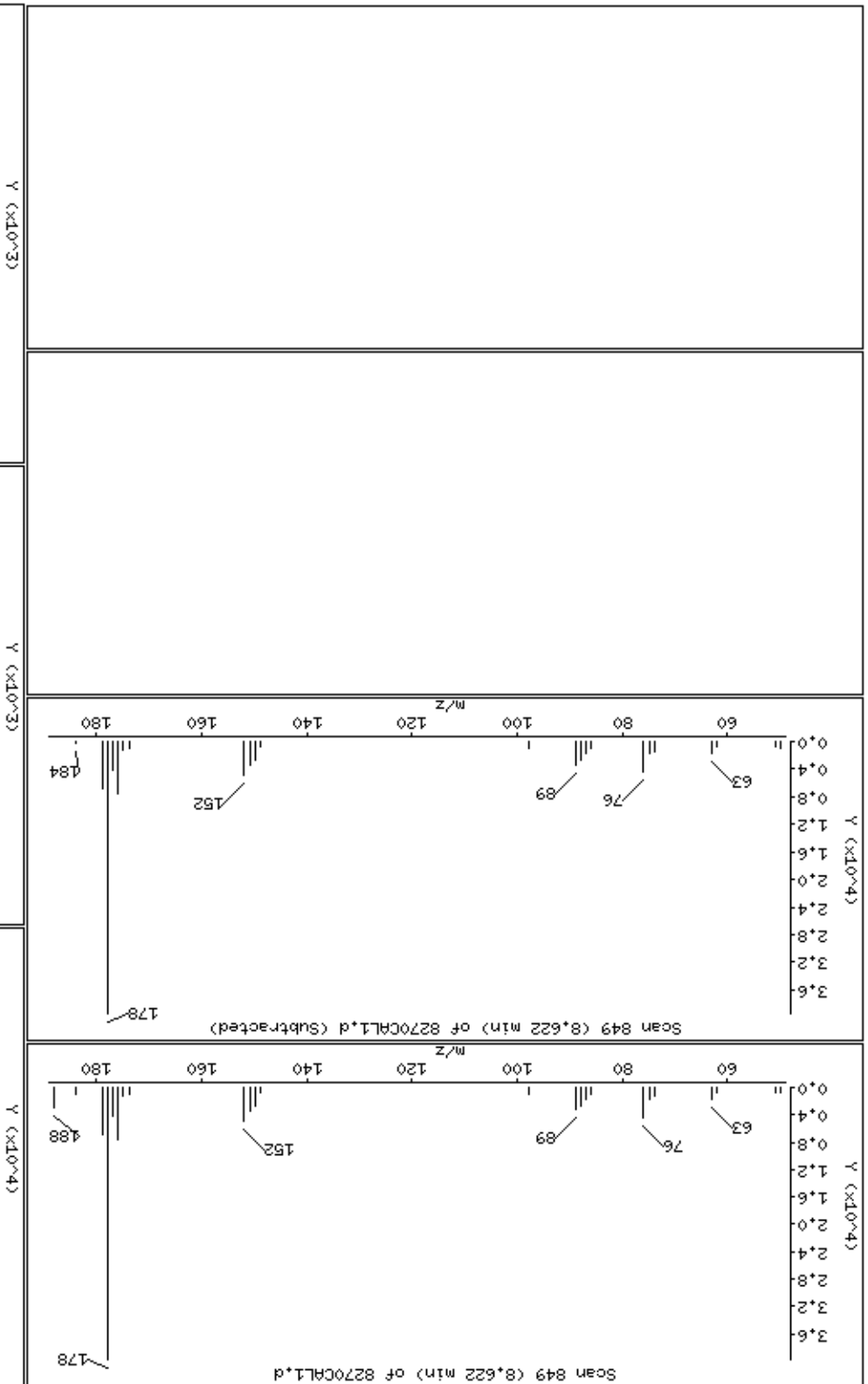
Column diameter: 0,25

96 Pentachlorophenol

Concentration: 7,6 ug/kg



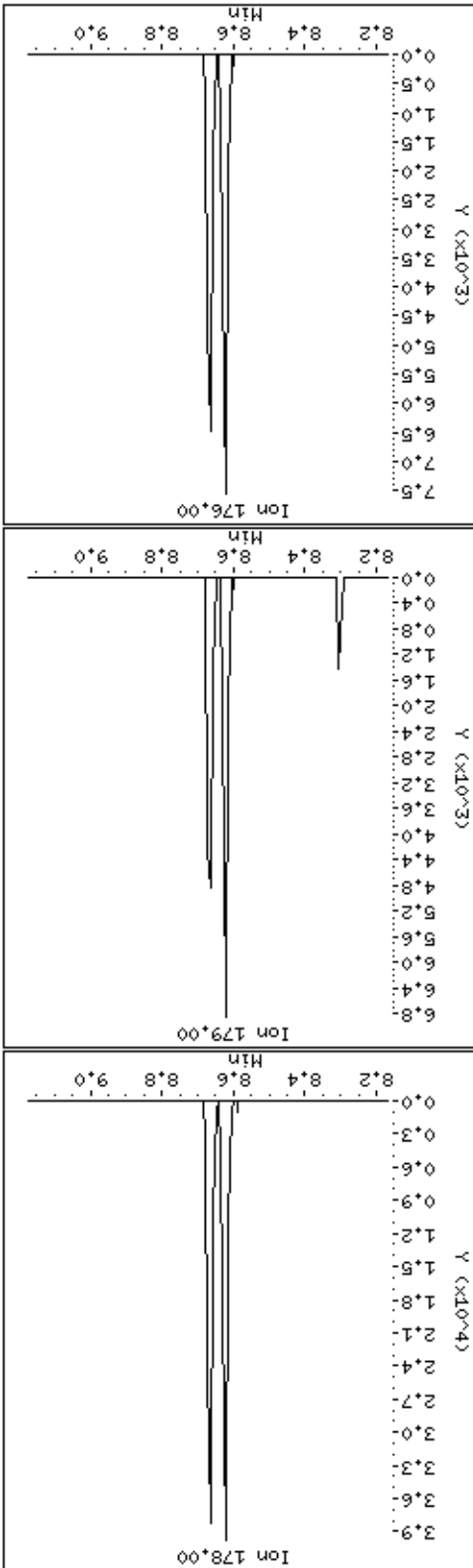
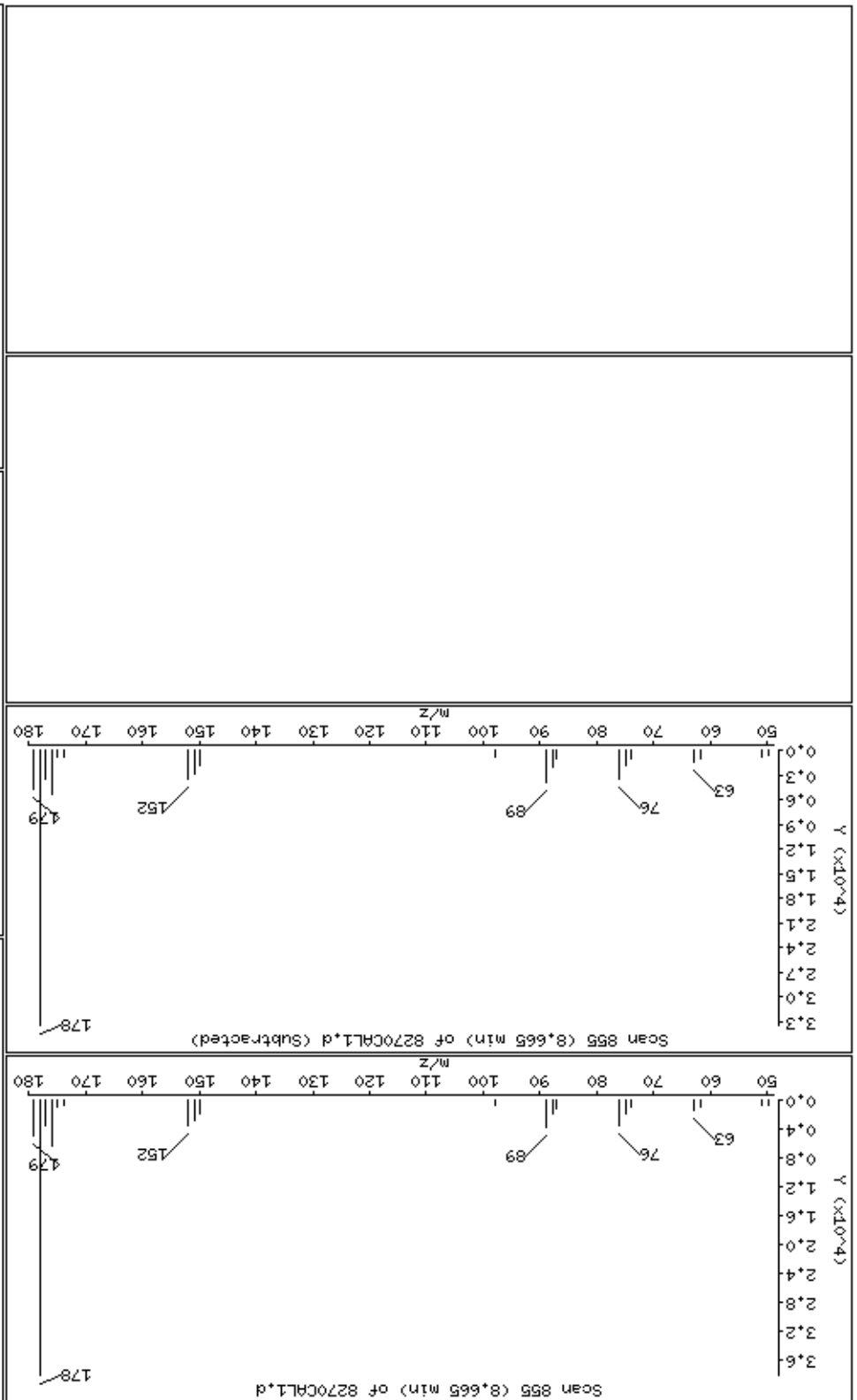




Data File: \\Svevod04\DD\chem\smsd04\54111455cal1.b\8270CALL1.d  
Client ID: 8270CALL1  
Sample Info: 47769  
Operator: MJ  
Column phase: HPMS-5  
Column diameter: 0.25  
Concentration: 3.8 ug/kg

103 Anthracene

Instrument: smsd04.1  
Date: 15-NOV-2012 00:46



Date: 15-NOV-2012 00:46

Client ID: 8270CALL1

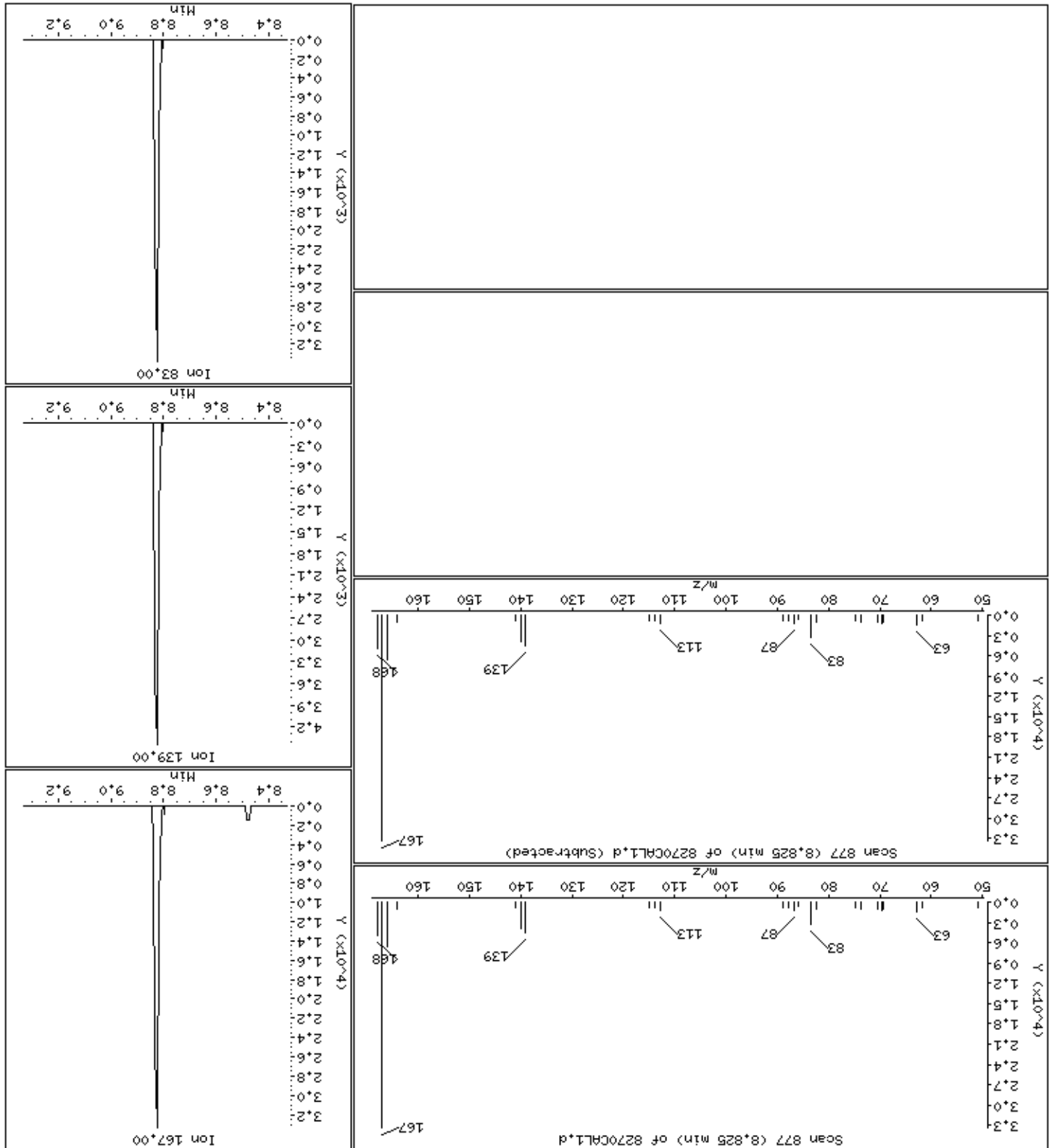
Sample Info: 47769

Operator: MJ

Column diameter: 0.25

Concentration: 3.7 ug/kg

104 Carbazole



Date: 15-NOV-2012 00:46

Client ID: 8270CALL

Sample Info: 47769

Operator: MJ

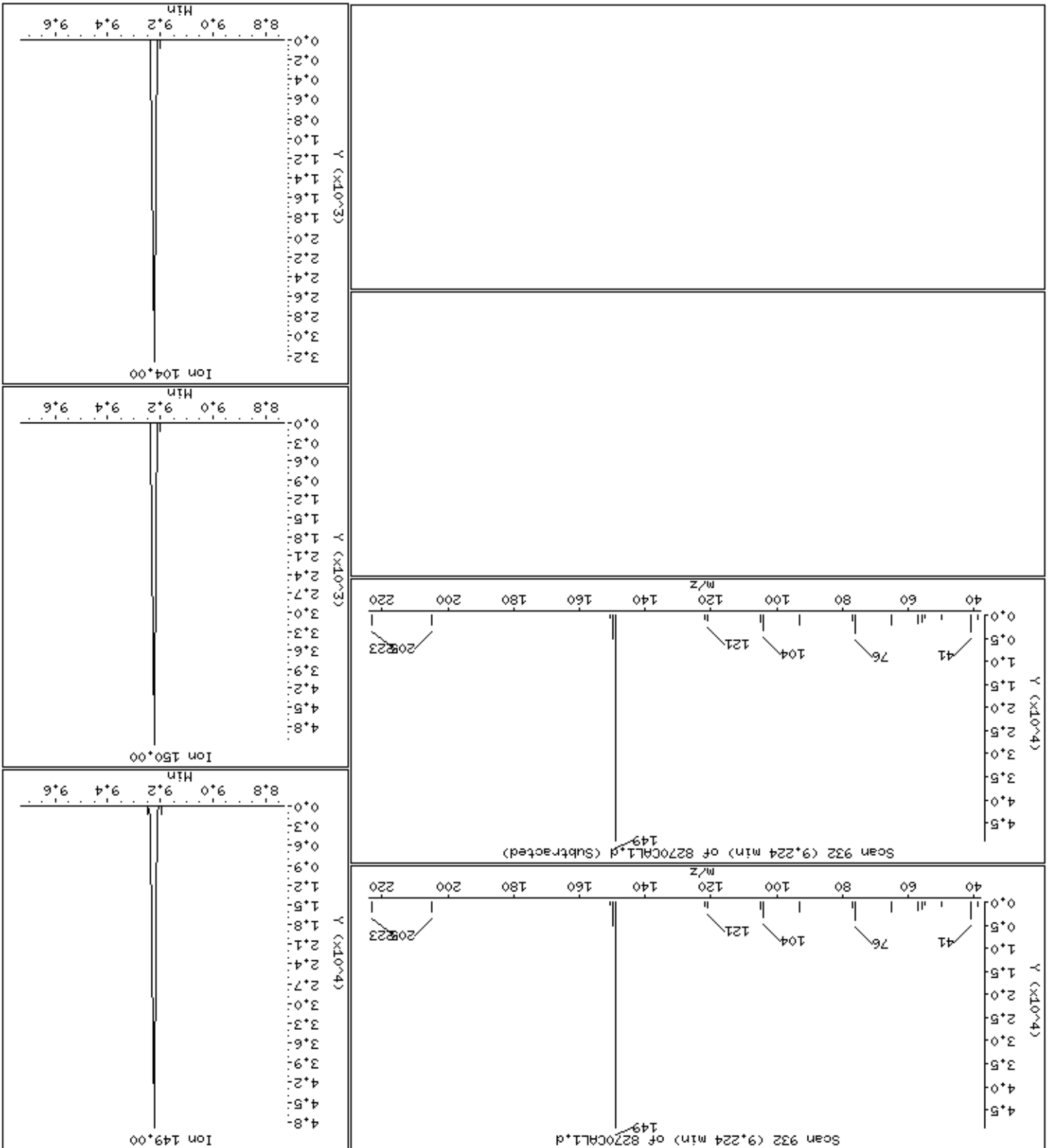
Column diameter: 0.25

Concentration: 3.3 ug/kg

Instrument: smsd04.1

105 Di-n-butylphthalate

Column phase: HPMS-5



Date: 15-NOV-2012 00:46

Client ID: 8270CALL

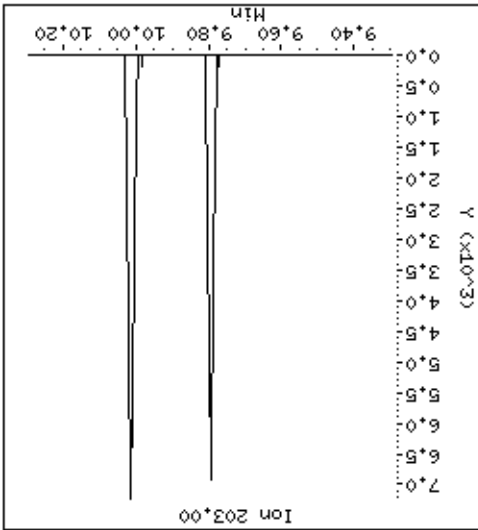
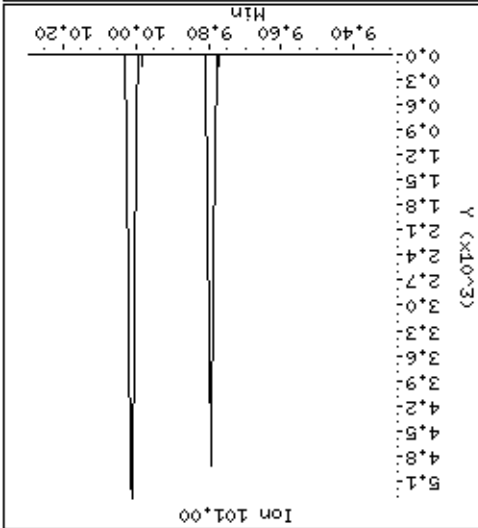
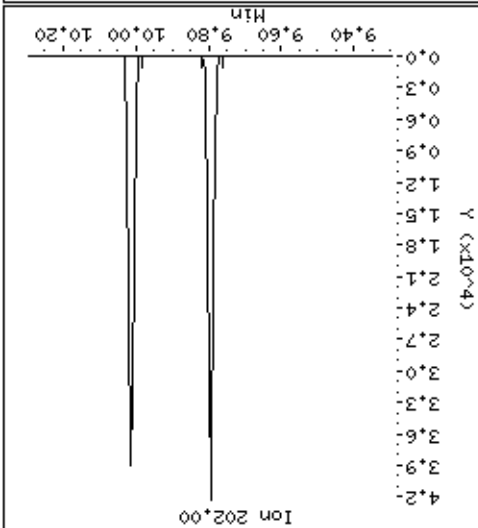
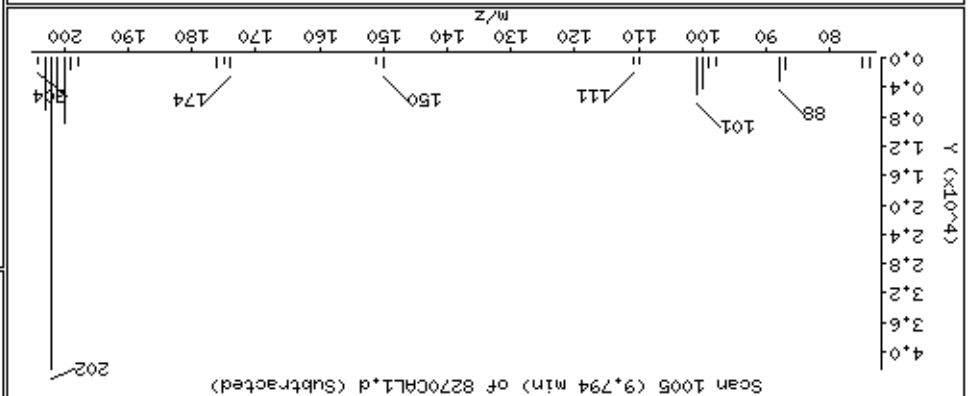
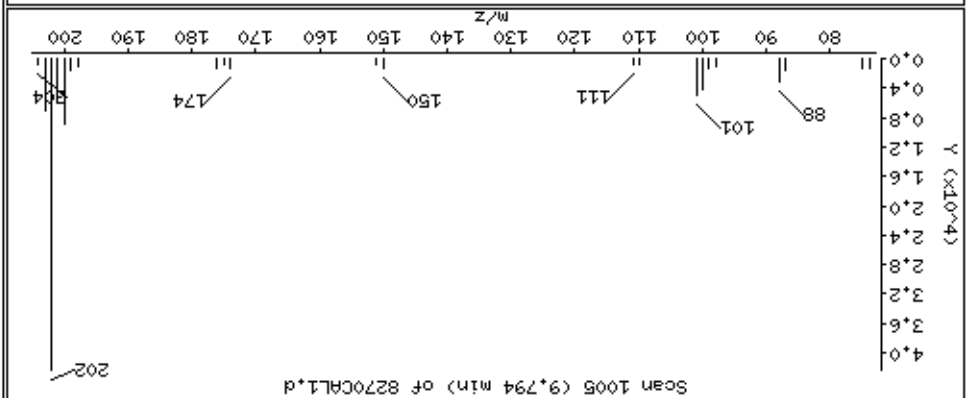
Sample Info: 47769

Operator: MJ

Column diameter: 0.25

Concentration: 3.6 ug/kg

109 Fluoranthene



Date: 15-NOV-2012 00:46

Client ID: 8270CALL1

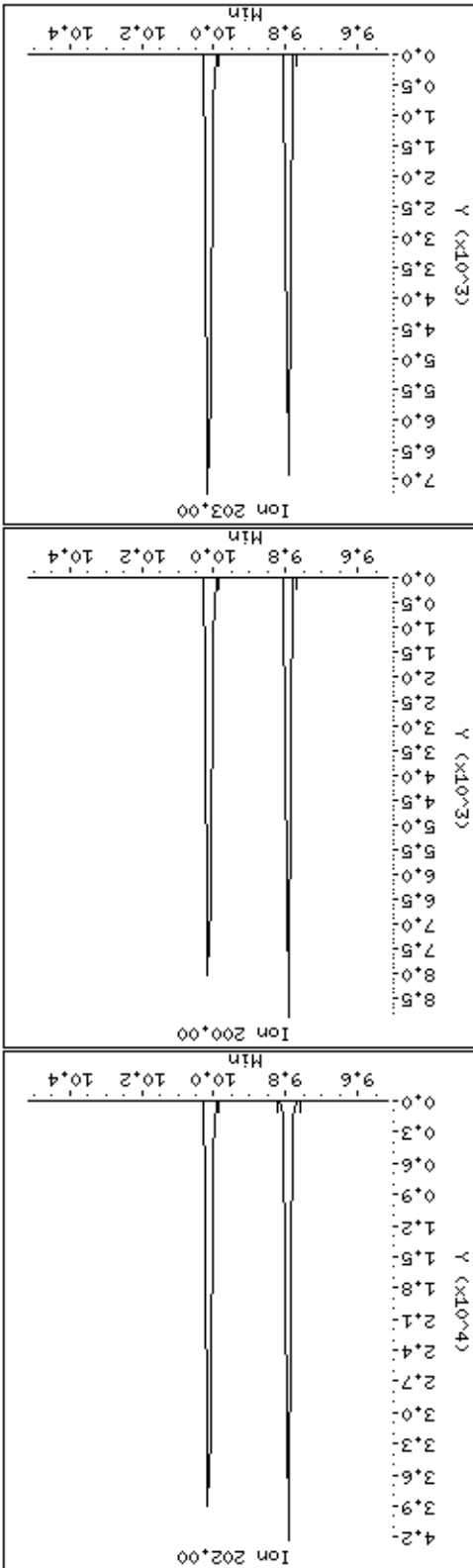
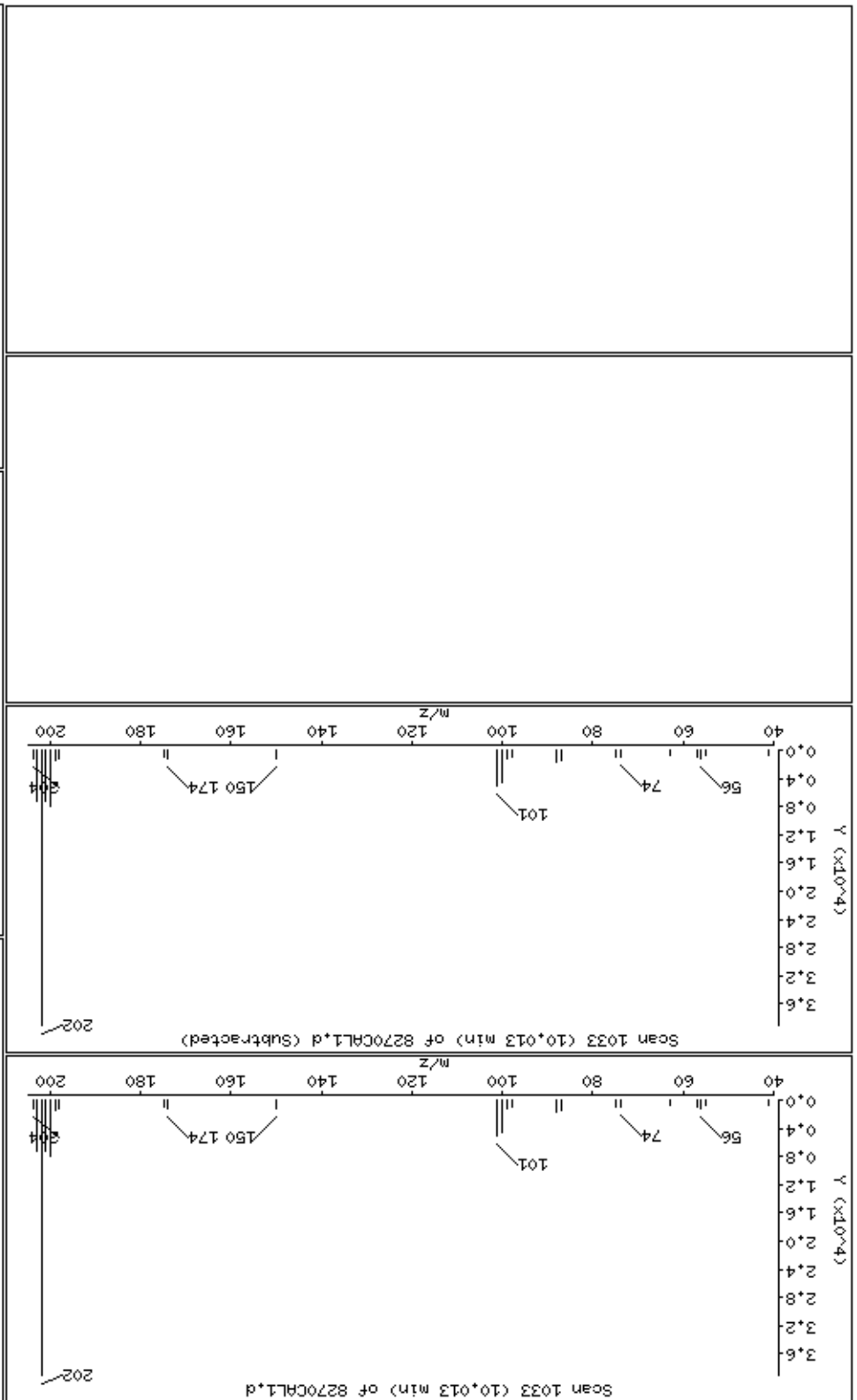
Sample Info: 47769

Operator: MJ

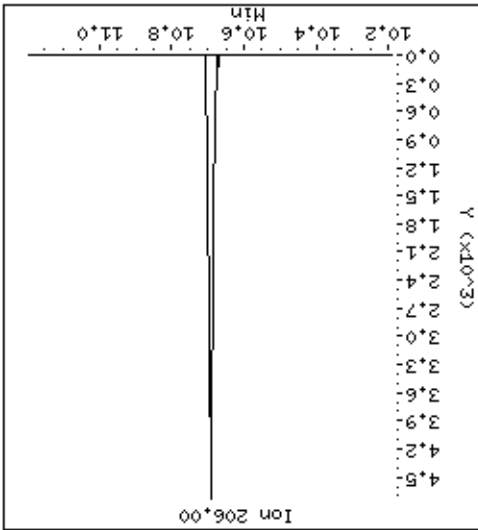
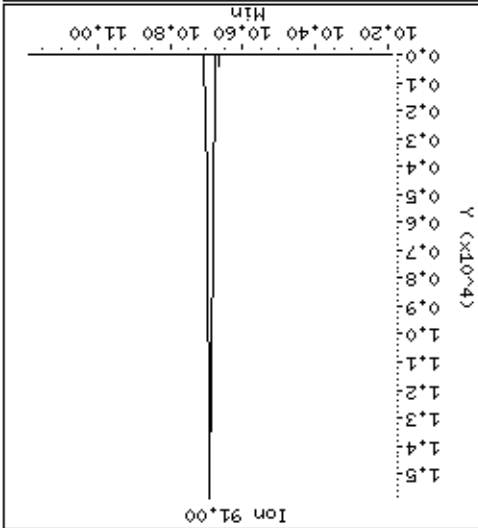
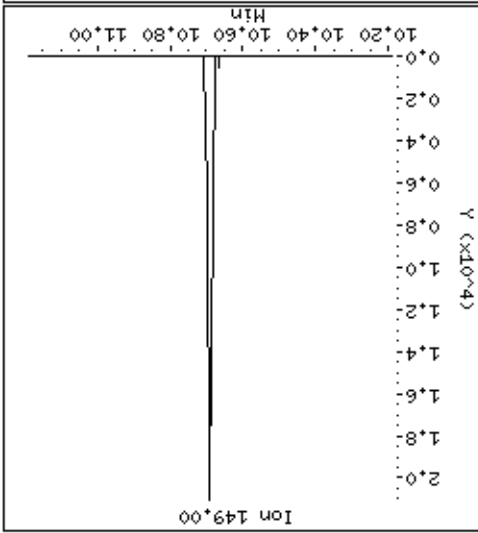
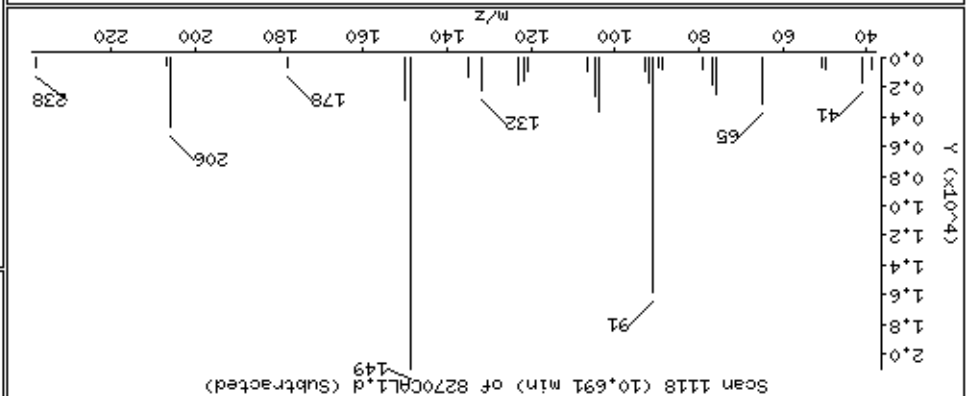
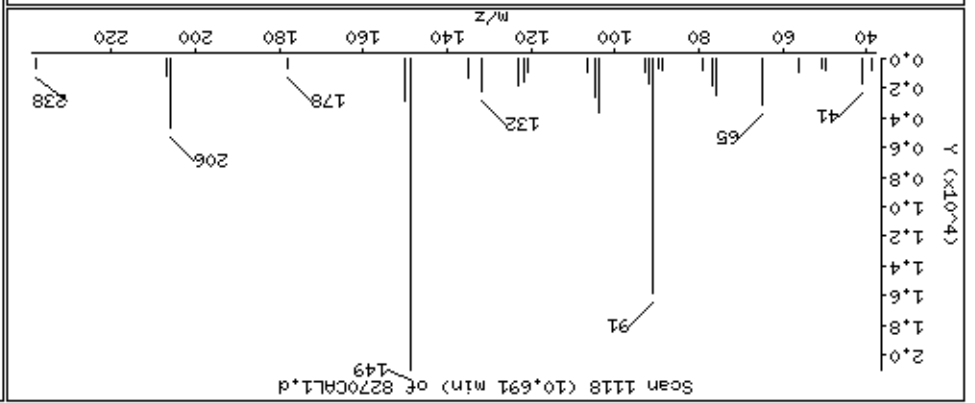
Column diameter: 0.25

Concentration: 3.8 ug/kg

111 Pyrene



118 Butylbenzylphthalate



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

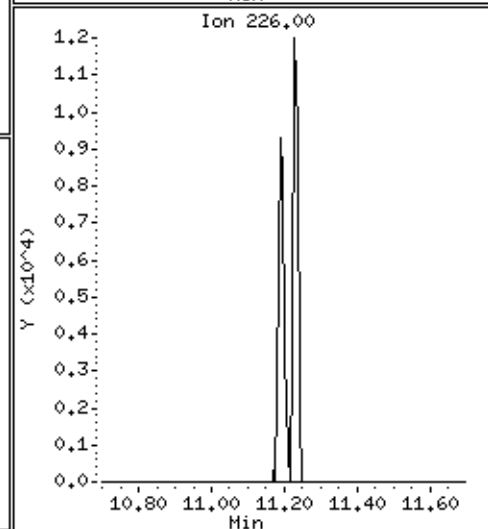
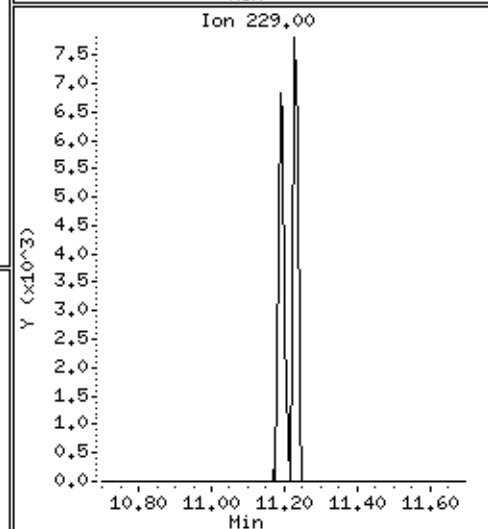
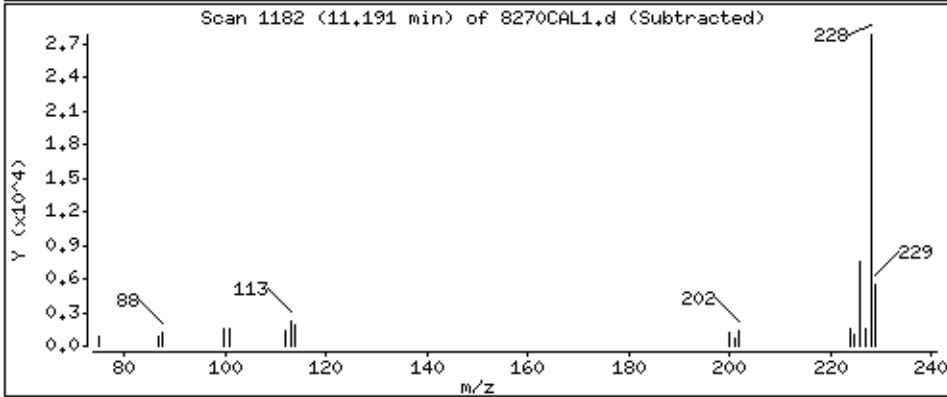
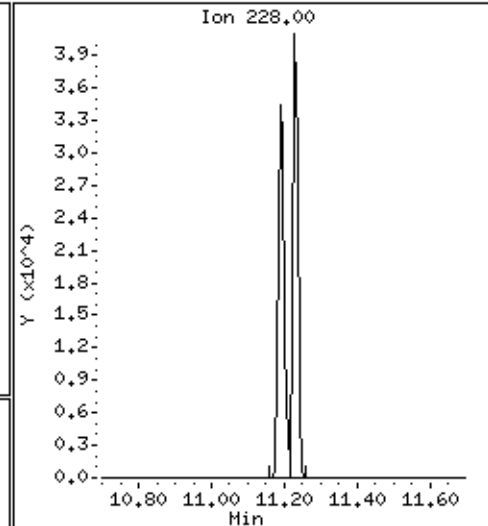
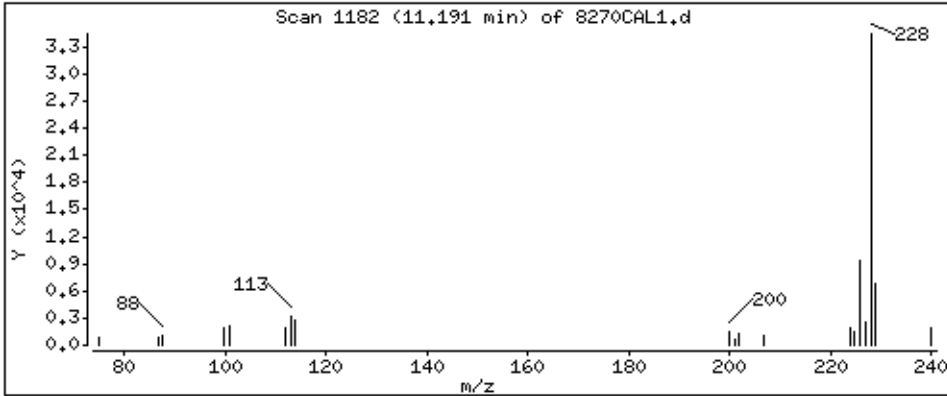
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

120 Benzo[*a*]anthracene

Concentration: 3,7 ug/kg





Date: 15-NOV-2012 00:46

Client ID: 8270CRL1

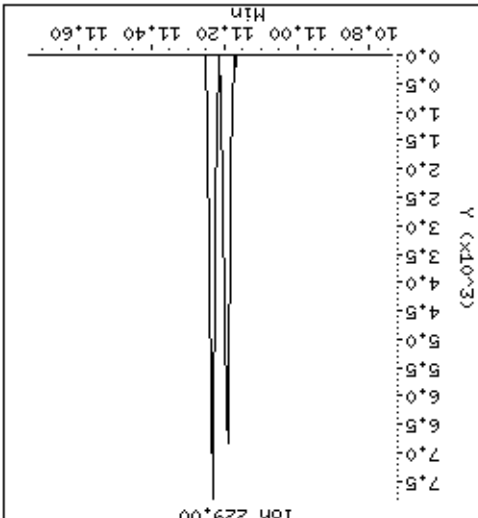
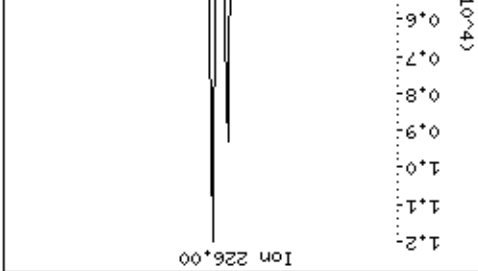
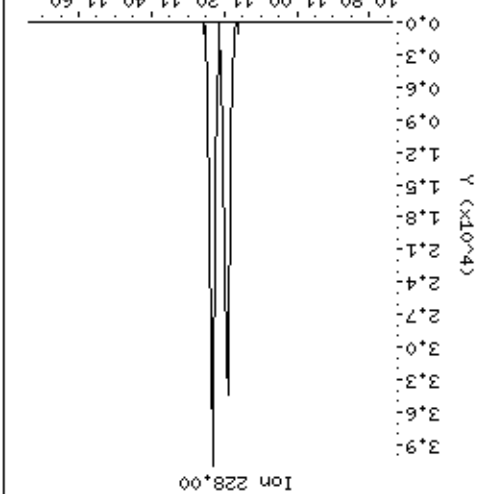
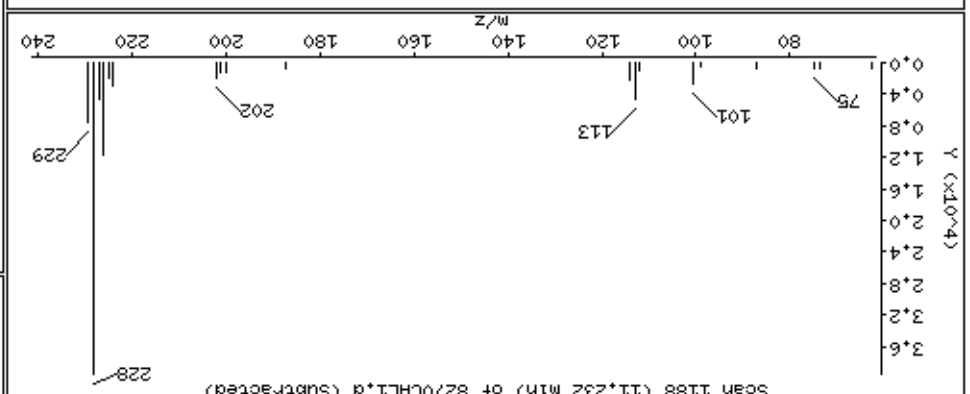
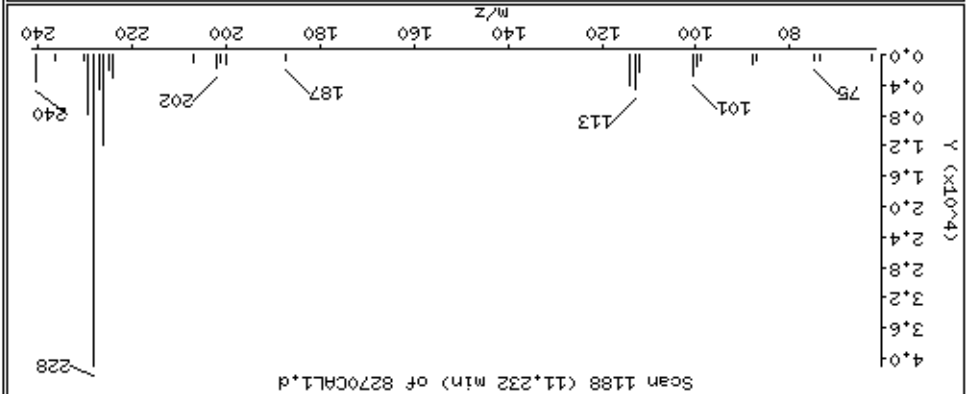
Sample Info: 47769

Operator: MJ

Column diameter: 0.25

Concentration: 3.8 ug/kg

123 Chrysene



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

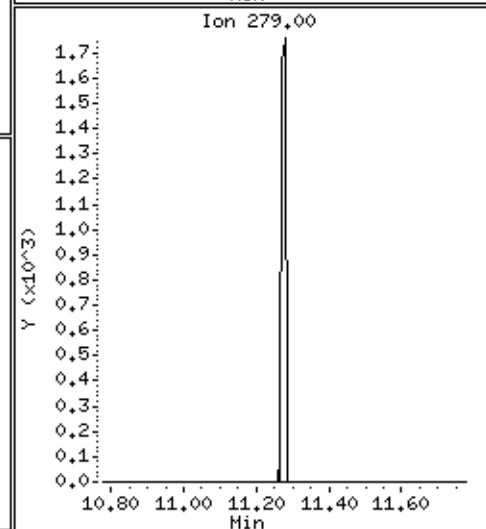
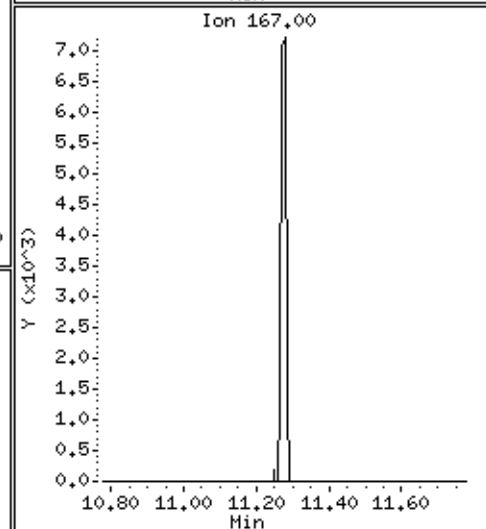
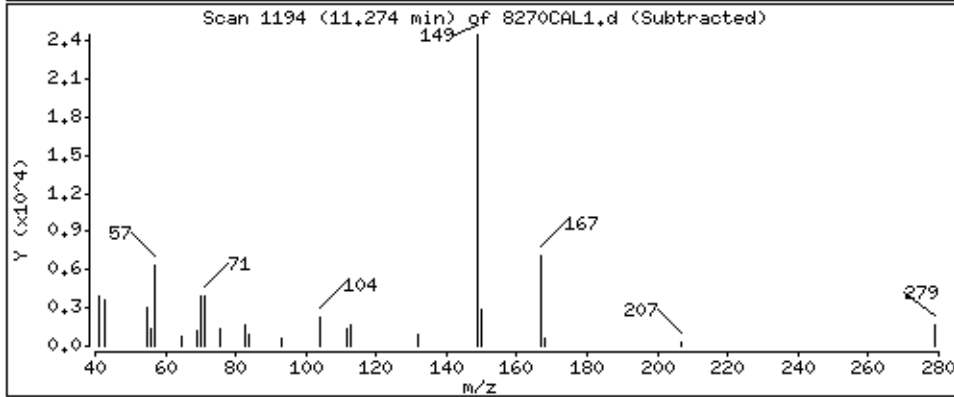
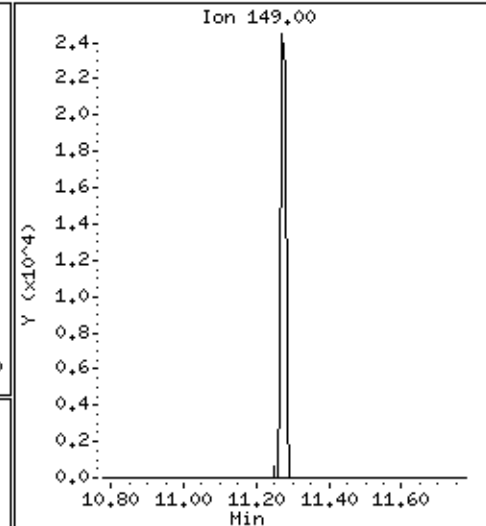
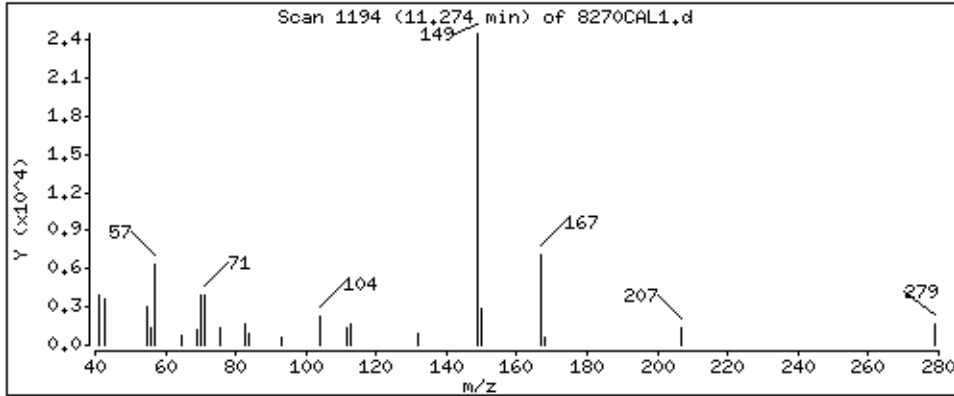
Operator: MJ

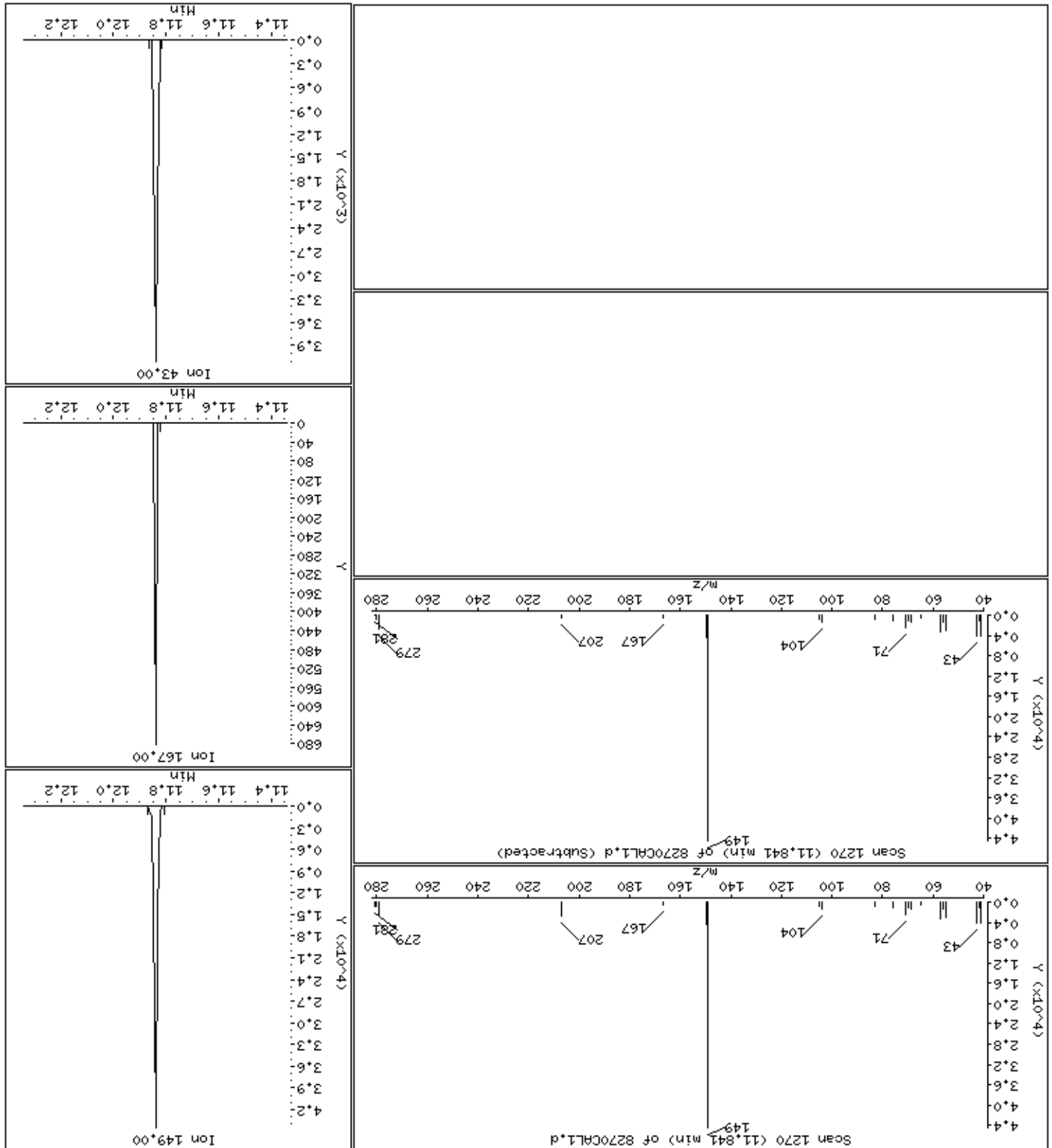
Column phase: HPMS-5

Column diameter: 0,25

124 Bis-2-Ethylhexylphthalate

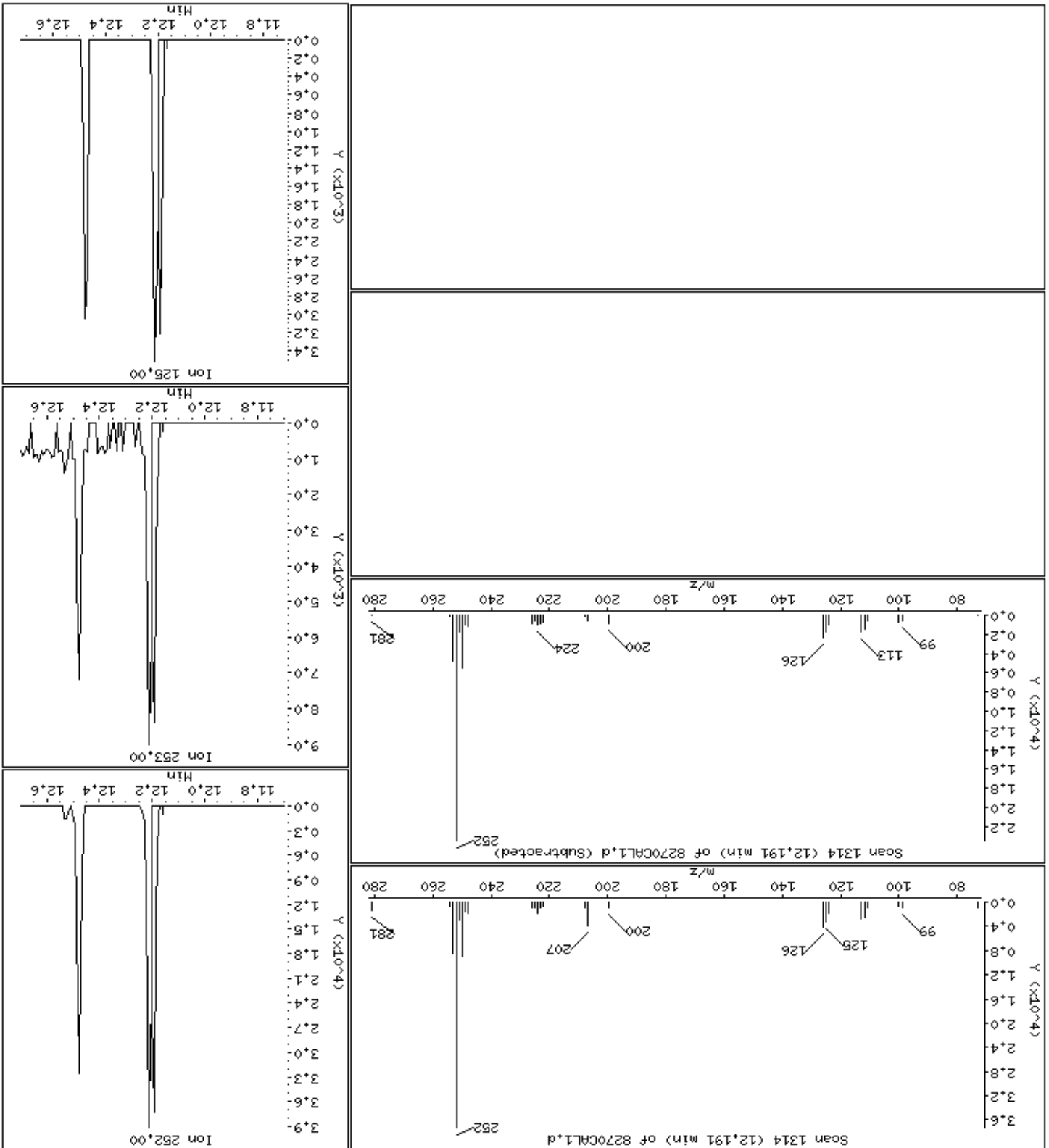
Concentration: 3,3 ug/kg





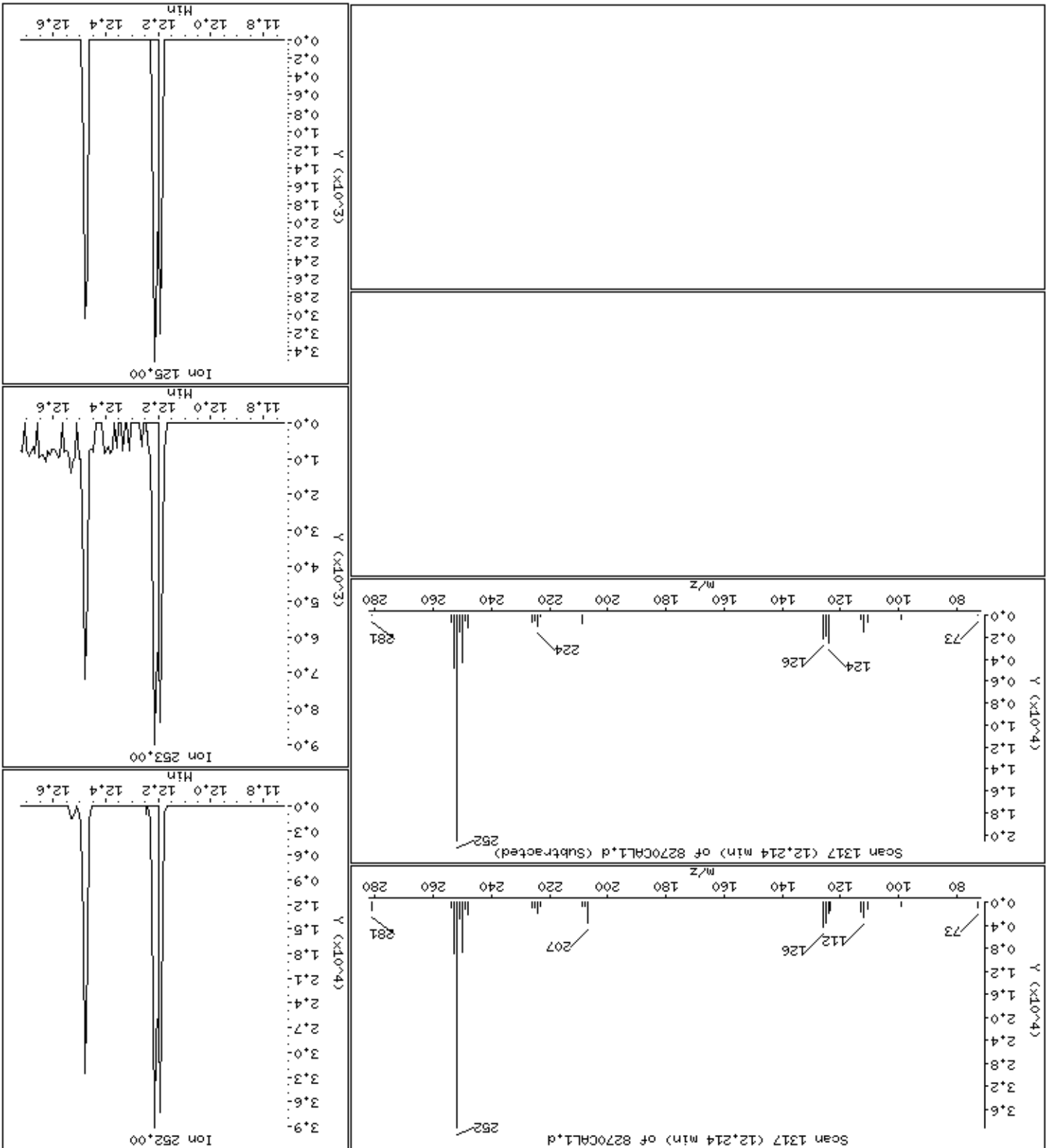
127 Benzol[b]fluoranthene

Column phase: HPMS-5



128 Benzol[k]fluoranthene

Column phase: HPMS-5



Date : 15-NOV-2012 00:46

Client ID: 8270CAL1

Instrument: smsd04.i

Sample Info: 47769

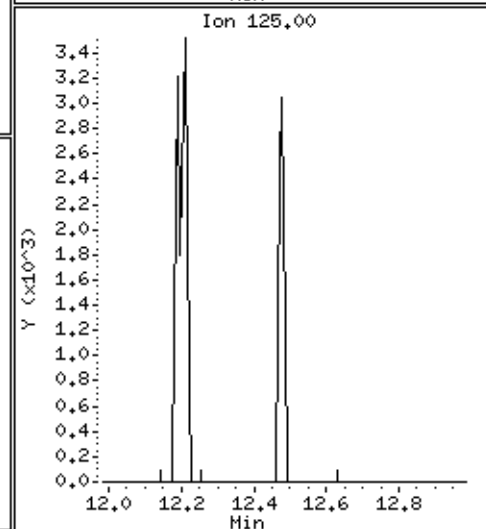
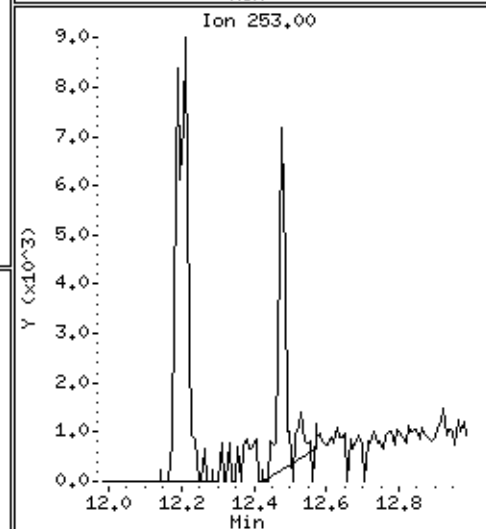
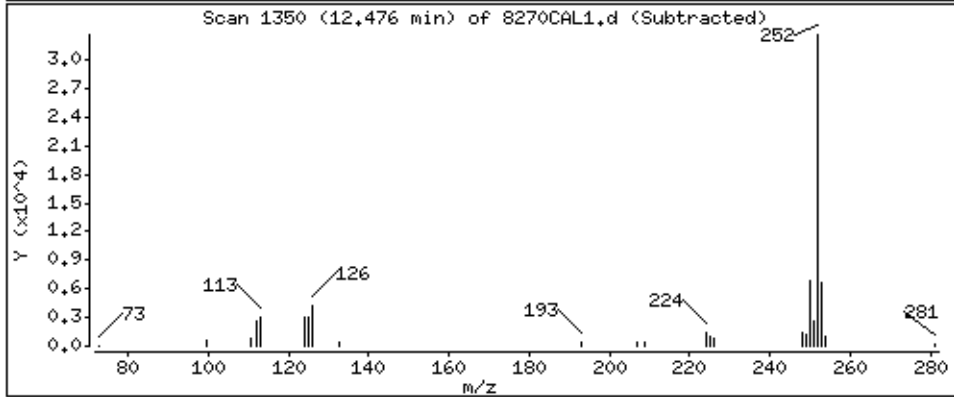
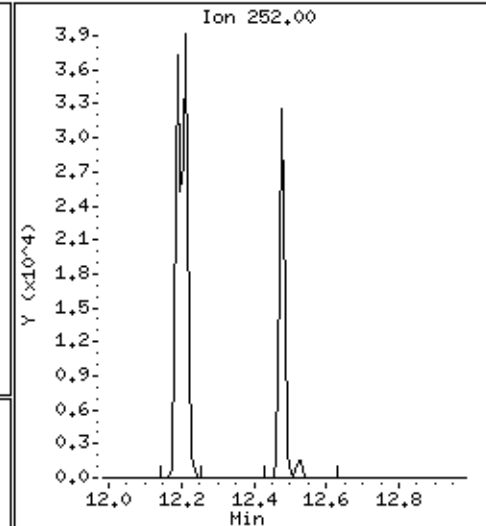
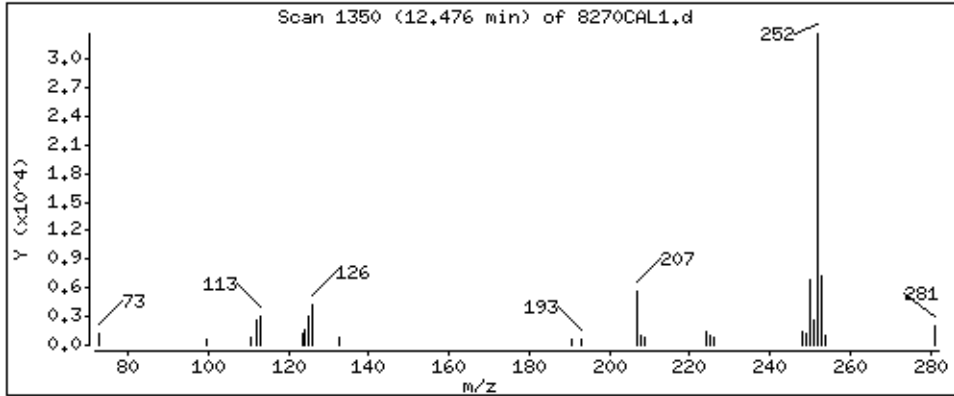
Operator: MJ

Column phase: HPMS-5

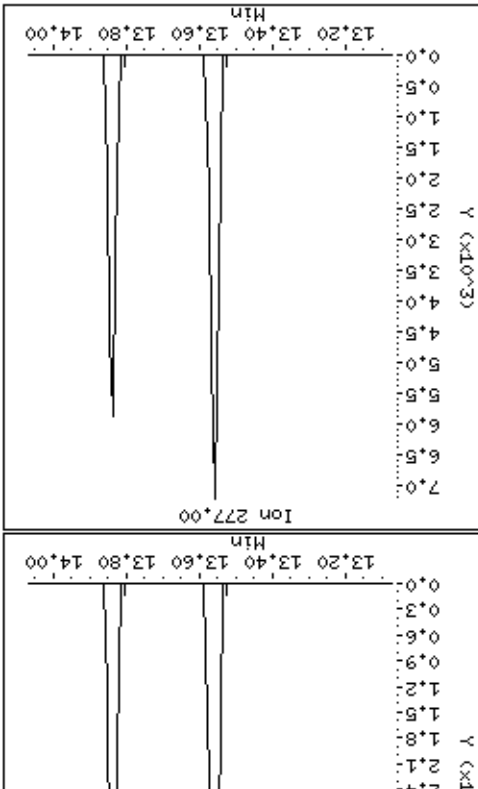
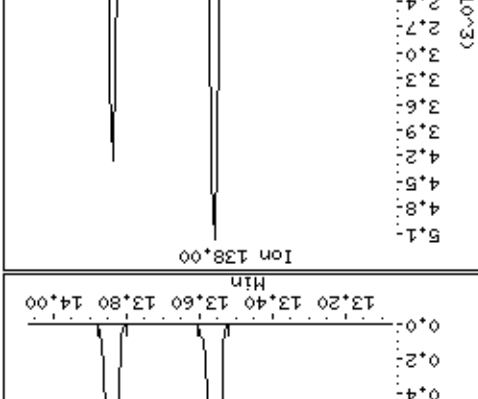
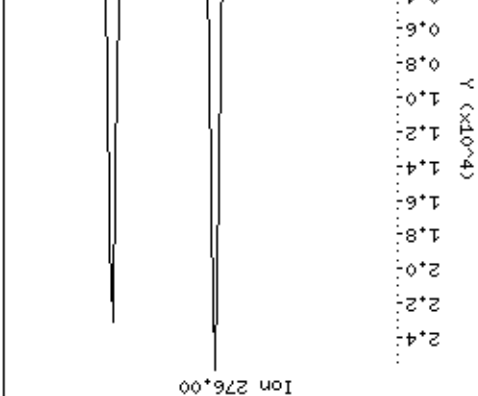
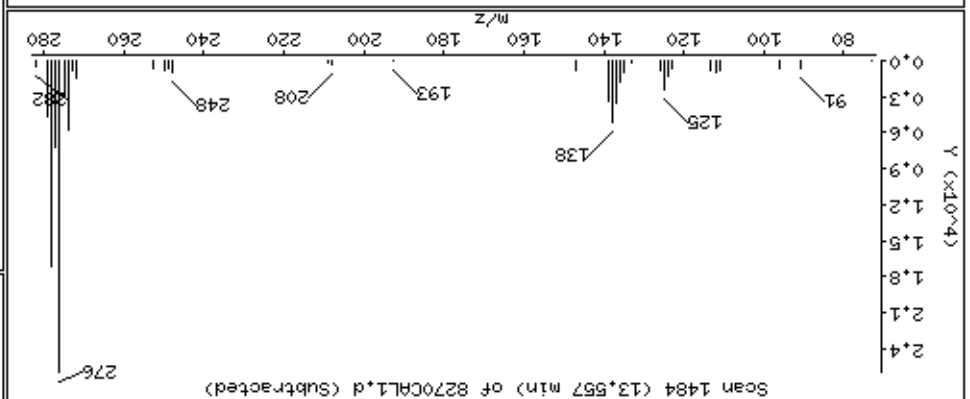
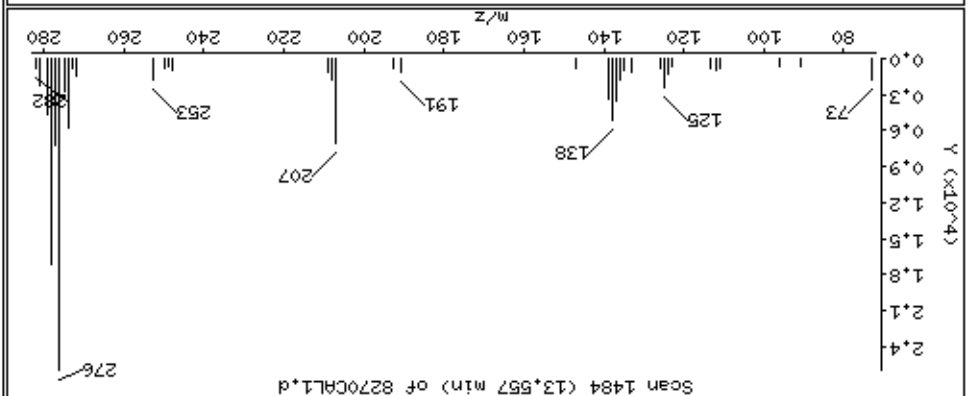
Column diameter: 0,25

129 Benzo[*a*]pyrene

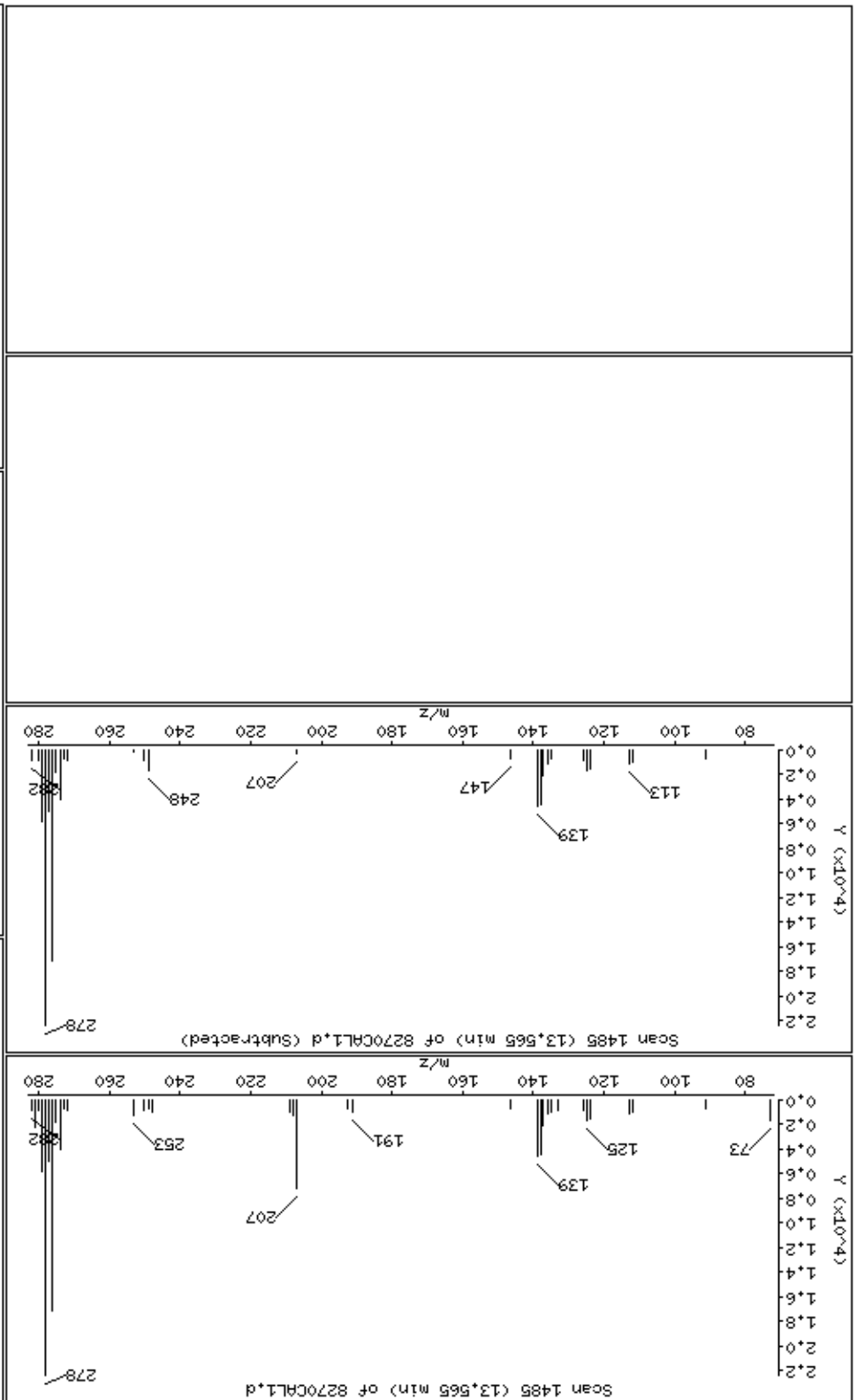
Concentration: 3,6 ug/kg



133 Indeno[1,2,3-cd]pyrene



1,3,4-Dibenz[a,h]anthracene



Ion 278.00

Scan 1485 (13.565 min) of 8270CALL.D

Y (x10^4)

m/z

Scan 1485 (13.565 min) of 8270CALL.D (Subtracted)

Y (x10^4)

m/z

Ion 139.00

Scan 1485 (13.565 min) of 8270CALL.D (Subtracted)

Y (x10^3)

m/z

Ion 279.00

Scan 1485 (13.565 min) of 8270CALL.D (Subtracted)

Y (x10^3)

m/z

Min

13.2 13.4 13.6 13.8 14.0

0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0 2.2

278

253

207

191

139

125

73

278

253

207

147

139

113

278

253

207

147

139

113

278

253

207

147

139

113

278

253

207

147

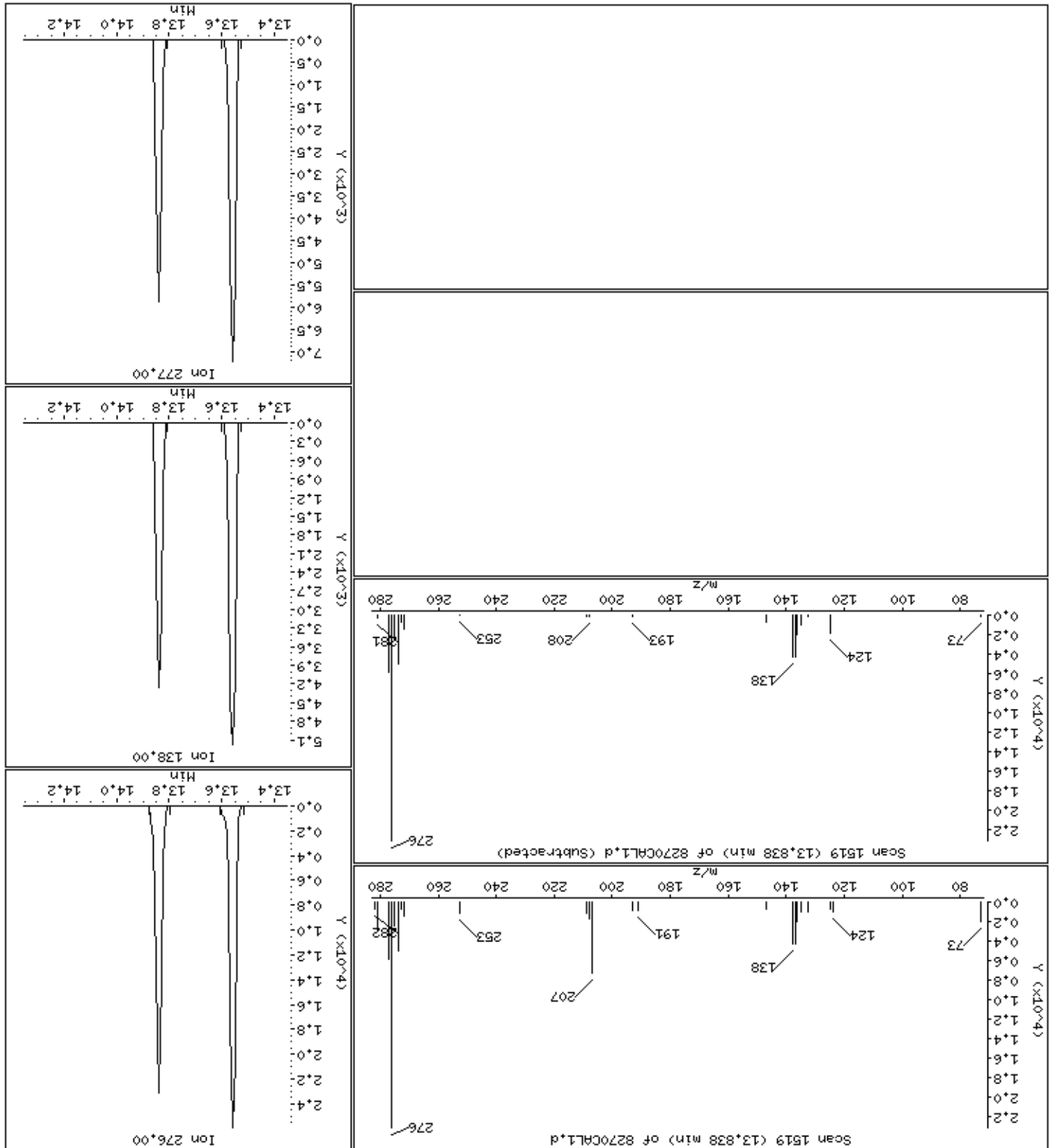
139

113



135 Benzole[h,]perylene

Column phase: HPMS-5



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270SEC.d  
 Lab Smp Id: 47770 Client Smp ID: 8270SEC  
 Inj Date : 15-NOV-2012 01:07 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47770  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-OCT-2012 13:17 Cal File: AP9CAL7.d  
 Als bottle: 28 Continuing Calibration Sample  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: 8270caln.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
-----									
2 Pyridine						CAS #: 110-86-1			
2.228	2.228	( 0.519)	79	161534	45.0000	45.0	80.00- 120.00	100.00	
2.228	2.228	( 0.519)	52	105484			35.30- 95.30	65.30	
-----									
M 16 Cresols (Total)						CAS #: 1319-77-3			
				299393	90.0000	(a)			
-----									
1 N-Nitrosodimethylamine						CAS #: 62-75-9			
2.220	2.220	( 0.517)	42	78790	45.0000	49.2	80.00- 120.00	100.00	
2.220	2.220	( 0.517)	74	100117			97.07- 157.07	127.07	
2.221	2.221	( 0.517)	44	3923			0.00- 34.98	4.98	
-----									
\$ 6 2-Fluorophenol (SURR)						CAS #: 367-12-4			
3.246	3.246	( 0.755)	112	309587	90.0000	98.4	80.00- 120.00	100.00	
3.246	3.246	( 0.755)	64	193858			32.62- 92.62	62.62	
-----									
\$ 11 Phenol-d5 (SURR)						CAS #: 4165-62-2			
4.006	4.006	( 0.932)	99	370158	90.0000	93.0	80.00- 120.00	100.00	
4.006	4.006	( 0.932)	42	73051			0.00- 49.74	19.74	
4.006	4.006	( 0.932)	71	157906			12.66- 72.66	42.66	
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
13 Phenol						CAS #: 108-95-2			
4.016	4.016	( 0.935)	94	224749	45.0000	49.7	80.00-	120.00	100.00
4.016	4.016	( 0.935)	65	69548			0.94-	60.94	30.94
4.015	4.015	( 0.935)	66	115525			21.40-	81.40	51.40
-----									
10 Aniline						CAS #: 62-53-3			
4.046	4.046	( 0.942)	93	179213	45.0000	39.6	80.00-	120.00	100.00
4.046	4.046	( 0.942)	65	37574			0.00-	50.97	20.97
4.046	4.046	( 0.942)	66	76977			12.95-	72.95	42.95
-----									
14 Bis(2-Chloroethyl)ether						CAS #: 111-44-4			
4.094	4.094	( 0.953)	93	166234	45.0000	53.2	80.00-	120.00	100.00
4.093	4.093	( 0.953)	63	121414			43.04-	103.04	73.04
4.094	4.094	( 0.953)	95	53025			1.90-	61.90	31.90
-----									
15 2-Chlorophenol						CAS #: 95-57-8			
4.142	4.142	( 0.964)	128	146342	45.0000	47.7	80.00-	120.00	100.00
4.142	4.142	( 0.964)	64	79235			24.14-	84.14	54.14
4.142	4.142	( 0.964)	130	47053			2.15-	62.15	32.15
-----									
17 1,3-Dichlorobenzene						CAS #: 541-73-1			
4.267	4.267	( 0.993)	146	176759	45.0000	48.2	80.00-	120.00	100.00
4.267	4.267	( 0.993)	148	113399			34.15-	94.15	64.15
4.267	4.267	( 0.993)	111	78378			14.34-	74.34	44.34
-----									
* 18 1,4-Dichlorobenzene-d4						CAS #: 3855-82-1			
4.297	4.294	( 1.000)	152	98786	40.0000		80.00-	120.00	100.00(Q)
4.296	4.294	( 1.000)	115	62940			34.81-	94.81	63.71
4.297	4.294	( 1.000)	150	190623			126.51-	186.51	192.97
-----									
19 1,4-Dichlorobenzene						CAS #: 106-46-7			
4.311	4.311	( 1.003)	146	177174	45.0000	46.7	80.00-	120.00	100.00
4.311	4.311	( 1.003)	148	117114			36.10-	96.10	66.10
4.311	4.311	( 1.003)	111	79647			14.95-	74.95	44.95
-----									
21 Benzyl alcohol						CAS #: 100-51-6			
4.429	4.429	( 1.031)	108	97193	45.0000	48.6	80.00-	120.00	100.00(M)
4.429	4.429	( 1.031)	79	151646			126.03-	186.03	156.03
4.429	4.429	( 1.031)	77	103758			76.75-	136.75	106.75
-----									
20 1,2-Dichlorobenzene						CAS #: 95-50-1			
4.478	4.478	( 1.042)	146	167181	45.0000	47.4	80.00-	120.00	100.00
4.478	4.478	( 1.042)	148	105931			33.36-	93.36	63.36
4.478	4.478	( 1.042)	111	80363			18.07-	78.07	48.07
-----									
22 2-Methylphenol						CAS #: 95-48-7			
4.538	4.538	( 1.056)	107	119573	45.0000	47.8	80.00-	120.00	100.00
4.538	4.538	( 1.056)	108	135784			83.56-	143.56	113.56
4.538	4.538	( 1.056)	79	69100			27.79-	87.79	57.79
-----									
23 2,2'-oxybis(1-chloropropane)						CAS #: 108-60-1			
4.571	4.571	( 1.064)	45	198065	45.0000	49.2	80.00-	120.00	100.00
4.571	4.571	( 1.064)	77	34338			0.00-	47.34	17.34

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
23 2,2'-oxybis(1-chloropropane) (continued)									
4.571	4.571	( 1.064)	121	52906			0.00-	56.71	26.71
-----									
28 4-Methylphenol CAS #: 106-44-5									
4.668	4.668	( 1.086)	107	179820	45.0000	48.3	80.00-	120.00	100.00
4.668	4.668	( 1.086)	108	147229			51.88-	111.88	81.88
4.668	4.668	( 1.086)	79	49917			0.00-	57.76	27.76
-----									
26 N-Nitrosodinpropylamine CAS #: 621-64-7									
4.699	4.699	( 1.094)	70	132843	45.0000	50.2	80.00-	120.00	100.00(M)
4.699	4.699	( 1.094)	42	68456			21.53-	81.53	51.53
4.699	4.699	( 1.094)	130	28434			0.00-	51.40	21.40
-----									
30 Hexachloroethane CAS #: 67-72-1									
4.753	4.753	( 1.106)	117	76970	45.0000	48.0	80.00-	120.00	100.00
4.754	4.754	( 1.106)	201	71881			63.39-	123.39	93.39
4.754	4.754	( 1.106)	199	43413			26.40-	86.40	56.40
-----									
\$ 31 Nitrobenzene-d5 (SURR) CAS #: 4165-60-0									
4.818	4.818	( 0.881)	82	187861	45.0000	45.0	80.00-	120.00	100.00
4.818	4.818	( 0.881)	128	68914			6.68-	66.68	36.68
4.818	4.818	( 0.881)	54	92283			19.12-	79.12	49.12
-----									
32 Nitrobenzene CAS #: 98-95-3									
4.834	4.834	( 0.884)	77	195744	45.0000	46.8	80.00-	120.00	100.00
4.835	4.835	( 0.884)	123	71893			6.73-	66.73	36.73
4.834	4.834	( 0.884)	65	27084			0.00-	43.84	13.84
-----									
34 Isophorone CAS #: 78-59-1									
5.046	5.046	( 0.923)	82	315757	45.0000	45.1	80.00-	120.00	100.00
5.047	5.047	( 0.923)	138	50244			0.00-	45.91	15.91
5.046	5.046	( 0.923)	95	24550			0.00-	37.77	7.77
-----									
35 2-Nitrophenol CAS #: 88-75-5									
5.128	5.128	( 0.938)	139	81454	45.0000	48.3	80.00-	120.00	100.00
5.127	5.127	( 0.938)	65	51846			33.65-	93.65	63.65
5.127	5.127	( 0.938)	109	35088			13.08-	73.08	43.08
-----									
36 2,4-Dimethylphenol CAS #: 105-67-9									
5.158	5.158	( 0.944)	122	132129	45.0000	53.6	80.00-	120.00	100.00
5.158	5.158	( 0.944)	107	172327			100.42-	160.42	130.42
5.158	5.158	( 0.944)	121	76273			27.73-	87.73	57.73
-----									
38 Bis(2-Chloroethoxy)methane CAS #: 111-91-1									
5.252	5.252	( 0.961)	93	206129	45.0000	50.4	80.00-	120.00	100.00
5.252	5.252	( 0.961)	95	67332			2.66-	62.66	32.66
5.252	5.252	( 0.961)	123	28417			0.00-	43.79	13.79
-----									
40 Benzoic Acid CAS #: 65-85-0									
5.267	5.267	( 0.963)	122	77702	45.0000	43.9	80.00-	120.00	100.00
5.267	5.267	( 0.963)	105	112099			114.27-	174.27	144.27
5.267	5.267	( 0.963)	77	96979			94.81-	154.81	124.81
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
41 2,4-Dichlorophenol					CAS #: 120-83-2				
5.342	5.342	( 0.977)	162	134895	45.0000	46.8	80.00-	120.00	100.00
5.342	5.342	( 0.977)	164	86794			34.34-	94.34	64.34
5.342	5.342	( 0.977)	98	51669			8.30-	68.30	38.30
-----									
42 1,2,4-Trichlorobenzene					CAS #: 120-82-1				
5.427	5.427	( 0.993)	180	150577	45.0000	46.4	80.00-	120.00	100.00
5.427	5.427	( 0.993)	182	149329			69.17-	129.17	99.17
5.427	5.427	( 0.993)	145	45787			0.41-	60.41	30.41
-----									
* 43 Naphthalene-d8					CAS #: 1146-65-2				
5.467	5.463	( 1.000)	136	332784	40.0000		80.00-	120.00	100.00
5.466	5.463	( 1.000)	68	24578			0.00-	37.51	7.39
-----									
44 Naphthalene					CAS #: 91-20-3				
5.486	5.486	( 1.003)	128	430267	45.0000	48.9	80.00-	120.00	100.00
5.485	5.485	( 1.003)	129	46374			0.00-	40.78	10.78
5.486	5.486	( 1.003)	127	57195			0.00-	42.17	13.29
-----									
45 4-Chloroaniline					CAS #: 106-47-8				
5.552	5.552	( 1.016)	127	170342	45.0000	47.3	80.00-	120.00	100.00
5.552	5.552	( 1.016)	129	55009			2.29-	62.29	32.29
5.551	5.551	( 1.015)	65	65699			8.57-	68.57	38.57
-----									
48 Hexachlorobutadiene					CAS #: 87-68-3				
5.654	5.654	( 1.034)	225	117064	45.0000	50.3	80.00-	120.00	100.00
5.654	5.654	( 1.034)	223	72357			31.81-	91.81	61.81
5.654	5.654	( 1.034)	227	75834			34.78-	94.78	64.78
-----									
51 4-Chloro-3-methylphenol					CAS #: 59-50-7				
6.009	6.009	( 1.099)	107	145525	45.0000	47.0	80.00-	120.00	100.00
6.009	6.009	( 1.099)	144	34253			0.00-	53.54	23.54
6.009	6.009	( 1.099)	142	107558			43.91-	103.91	73.91
-----									
53 2-Methylnaphthalene					CAS #: 91-57-6				
6.141	6.141	( 1.123)	142	287598	45.0000	48.6	80.00-	120.00	100.00
6.141	6.141	( 1.123)	141	245900			55.50-	115.50	85.50
-----									
54 1-Methylnaphthalene					CAS #: 90-12-0				
6.247	6.247	( 1.143)	142	245631	45.0000	45.1	80.00-	120.00	100.00
6.247	6.247	( 1.143)	141	218075			58.78-	118.78	88.78
-----									
55 Hexachlorocyclopentadiene					CAS #: 77-47-4				
6.360	6.360	( 0.887)	237	103028	45.0000	45.4	80.00-	120.00	100.00
6.360	6.360	( 0.887)	235	65340			33.42-	93.42	63.42
6.360	6.360	( 0.887)	272	12236			0.00-	41.88	11.88
-----									
57 2,4,6-Trichlorophenol					CAS #: 88-06-2				
6.438	6.438	( 0.898)	196	105045	45.0000	47.6	80.00-	120.00	100.00
6.438	6.438	( 0.898)	198	102465			67.54-	127.54	97.54
6.438	6.438	( 0.898)	200	32753			1.18-	61.18	31.18
-----									
58 2,4,5-Trichlorophenol					CAS #: 95-95-4				
6.472	6.472	( 0.903)	196	116522	45.0000	48.8	80.00-	120.00	100.00

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
58 2,4,5-Trichlorophenol (continued)									
6.472	6.472	( 0.903)	198	109915			64.33-	124.33	94.33
6.472	6.472	( 0.903)	97	67061			27.55-	87.55	57.55
-----									
\$ 59 2-Fluorobiphenyl (SURR) CAS #: 321-60-8									
6.514	6.514	( 0.909)	172	343320	45.0000	45.8	80.00-	120.00	100.00
6.514	6.514	( 0.909)	171	119807			4.90-	64.90	34.90
-----									
62 2-Chloronaphthalene CAS #: 91-58-7									
6.610	6.610	( 0.922)	162	299135	45.0000	48.3	80.00-	120.00	100.00
6.610	6.610	( 0.922)	164	94983			1.75-	61.75	31.75
6.610	6.610	( 0.922)	127	115785			8.71-	68.71	38.71
-----									
63 2-Nitroaniline CAS #: 88-74-4									
6.741	6.741	( 0.940)	65	114853	45.0000	53.3	80.00-	120.00	100.00
6.741	6.741	( 0.940)	92	74807			35.13-	95.13	65.13
6.741	6.741	( 0.940)	138	102824			59.53-	119.53	89.53
-----									
65 Dimethylphthalate CAS #: 131-11-3									
6.950	6.950	( 0.969)	163	360319	45.0000	49.2	80.00-	120.00	100.00
6.950	6.950	( 0.969)	194	20772			0.00-	35.76	5.76
6.949	6.949	( 0.969)	164	36996			0.00-	39.66	10.27
-----									
68 Acenaphthylene CAS #: 208-96-8									
7.020	7.020	( 0.979)	152	475315	45.0000	49.0	80.00-	120.00	100.00
7.020	7.020	( 0.979)	151	96002			0.00-	50.20	20.20
7.020	7.020	( 0.979)	153	61889			0.00-	43.02	13.02
-----									
67 2,6-Dinitrotoluene CAS #: 606-20-2									
7.015	7.015	( 0.978)	165	83168	45.0000	50.1	80.00-	120.00	100.00
7.015	7.015	( 0.978)	89	57761			39.45-	99.45	69.45
7.016	7.016	( 0.978)	63	87040			74.66-	134.66	104.66
-----									
69 3-Nitroaniline CAS #: 99-09-2									
7.146	7.146	( 0.997)	138	82826	45.0000	52.7	80.00-	120.00	100.00
7.146	7.146	( 0.997)	108	10228			0.00-	42.35	12.35
7.145	7.145	( 0.997)	92	111497			104.62-	164.62	134.62
-----									
* 70 Acenaphthene-d10 CAS #: 15067-26-2									
7.170	7.167	( 1.000)	164	209703	40.0000		80.00-	120.00	100.00
7.170	7.168	( 1.000)	162	200154			66.12-	126.12	95.45
7.170	7.167	( 1.000)	160	89872			13.21-	73.21	42.86
-----									
71 Acenaphthene CAS #: 83-32-9									
7.201	7.201	( 1.004)	154	266223	45.0000	47.6	80.00-	120.00	100.00
7.200	7.200	( 1.004)	153	285332			77.18-	137.18	107.18
7.200	7.200	( 1.004)	152	136333			21.21-	81.21	51.21
-----									
72 2,4-Dinitrophenol CAS #: 51-28-5									
7.243	7.243	( 1.010)	184	53176	45.0000	52.3	80.00-	120.00	100.00
7.242	7.242	( 1.010)	63	41573			48.18-	108.18	78.18
7.242	7.242	( 1.010)	154	33525			33.05-	93.05	63.05
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
====	=====	=====	====	=====	=====	=====	=====	=====	
74 4-Nitrophenol					CAS #: 100-02-7				
7.303	7.303	( 1.019)	109	67195	45.0000	50.9	80.00- 120.00	100.00	
7.303	7.303	( 1.019)	139	61686			61.80- 121.80	91.80	
7.303	7.303	( 1.019)	65	74191			80.41- 140.41	110.41	
-----									
75 Dibenzofuran					CAS #: 132-64-9				
7.355	7.355	( 1.026)	168	425939	45.0000	49.7	80.00- 120.00	100.00	
7.355	7.355	( 1.026)	139	173304			10.69- 70.69	40.69	
-----									
76 2,4-Dinitrotoluene					CAS #: 121-14-2				
7.392	7.392	( 1.031)	165	104842	45.0000	49.8	80.00- 120.00	100.00	
7.392	7.392	( 1.031)	63	56146			23.55- 83.55	53.55	
7.392	7.392	( 1.031)	89	85784			51.82- 111.82	81.82	
-----									
80 Diethylphthalate					CAS #: 84-66-2				
7.640	7.640	( 1.066)	149	345498	45.0000	48.1	80.00- 120.00	100.00	
7.640	7.640	( 1.066)	177	75296			0.00- 51.79	21.79	
7.640	7.640	( 1.066)	150	42429			0.00- 42.28	12.28	
-----									
81 Fluorene					CAS #: 86-73-7				
7.690	7.690	( 1.073)	166	370634	45.0000	49.2	80.00- 120.00	100.00	
7.690	7.690	( 1.073)	165	337416			61.04- 121.04	91.04	
7.690	7.690	( 1.073)	167	48422			0.00- 43.06	13.06	
-----									
82 4-Chlorophenyl-phenylether					CAS #: 7005-72-3				
7.690	7.690	( 1.073)	204	188520	45.0000	47.6	80.00- 120.00	100.00	
7.690	7.690	( 1.073)	206	61936			2.85- 62.85	32.85	
7.690	7.690	( 1.072)	141	112042			29.43- 89.43	59.43	
-----									
84 4-Nitroaniline					CAS #: 100-01-6				
7.750	7.750	( 1.081)	138	77949	45.0000	54.6	80.00- 120.00	100.00	
7.749	7.749	( 1.081)	92	47003			30.30- 90.30	60.30	
7.749	7.749	( 1.081)	108	89981			85.44- 145.44	115.44	
-----									
85 4,6-Dinitro-2-methylphenol					CAS #: 534-52-1				
7.790	7.790	( 0.905)	198	67784	45.0000	48.4	80.00- 120.00	100.00	
7.789	7.789	( 0.905)	51	34618			21.07- 81.07	51.07	
7.789	7.789	( 0.905)	105	30119			14.43- 74.43	44.43	
-----									
86 N-Nitrosodiphenylamine					CAS #: 86-30-6				
7.814	7.814	( 0.908)	169	238918	45.0000	50.7	80.00- 120.00	100.00	
7.815	7.815	( 0.908)	168	170416			41.33- 101.33	71.33	
7.815	7.815	( 0.908)	167	85841			5.93- 65.93	35.93	
-----									
87 1,2-Diphenylhydrazine					CAS #: 122-66-7				
7.845	7.845	( 1.094)	77	439752	45.0000	53.3	80.00- 120.00	100.00	
7.845	7.845	( 1.094)	105	61937			0.00- 44.08	14.08	
7.845	7.845	( 1.094)	182	104187			0.00- 53.69	23.69	
-----									
\$ 88 2,4,6-Tribromophenol (SURR)					CAS #: 118-79-6				
7.946	7.946	( 1.108)	330	122751	90.0000	94.7	80.00- 120.00	100.00	
7.946	7.946	( 1.108)	332	116870			65.21- 125.21	95.21	
7.945	7.945	( 1.108)	141	50059			10.78- 70.78	40.78	
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
93 4-Bromophenylphenylether						CAS #: 101-55-3			
8.163	8.163	( 0.949)	248	112444	45.0000	49.5	80.00-	120.00	100.00
8.163	8.163	( 0.949)	250	108659			66.63-	126.63	96.63
8.162	8.162	( 0.949)	141	89097			49.24-	109.24	79.24
-----									
94 Hexachlorobenzene						CAS #: 118-74-1			
8.307	8.307	( 0.966)	284	124278	45.0000	48.6	80.00-	120.00	100.00
8.307	8.307	( 0.965)	142	50355			10.52-	70.52	40.52
8.307	8.307	( 0.966)	249	39272			1.60-	61.60	31.60
-----									
96 Pentachlorophenol						CAS #: 87-86-5			
8.480	8.480	( 0.986)	266	77033	45.0000	46.3	80.00-	120.00	100.00
8.481	8.481	( 0.986)	264	48950			33.54-	93.54	63.54
8.481	8.481	( 0.986)	268	49605			34.39-	94.39	64.39
-----									
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.604	8.604	( 1.000)	188	365805	40.0000		80.00-	120.00	100.00
8.603	8.604	( 1.000)	94	38352			0.00-	40.39	10.48
8.603	8.603	( 1.000)	80	42148			0.00-	41.55	11.52
-----									
101 Phenanthrene						CAS #: 85-01-8			
8.626	8.626	( 1.003)	178	487692	45.0000	48.6	80.00-	120.00	100.00
8.626	8.626	( 1.003)	179	74122			0.00-	45.20	15.20
8.626	8.626	( 1.003)	176	91139			0.00-	48.69	18.69
-----									
103 Anthracene						CAS #: 120-12-7			
8.670	8.670	( 1.008)	178	475180	45.0000	53.2	80.00-	120.00	100.00(M)
8.670	8.670	( 1.008)	179	73800			0.00-	45.53	15.53
8.670	8.670	( 1.008)	176	90816			0.00-	49.11	19.11
-----									
104 Carbazole						CAS #: 86-74-8			
8.830	8.830	( 1.026)	167	478871	45.0000	54.1	80.00-	120.00	100.00(M)
8.830	8.830	( 1.026)	139	65716			0.00-	43.72	13.72
8.830	8.830	( 1.026)	83	46444			0.00-	39.70	9.70
-----									
105 Di-n-butylphthalate						CAS #: 84-74-2			
9.227	9.227	( 1.072)	149	600597	45.0000	50.2	80.00-	120.00	100.00
9.227	9.227	( 1.072)	150	55025			0.00-	39.16	9.16
9.227	9.227	( 1.072)	104	38226			0.00-	36.36	6.36
-----									
109 Fluoranthene						CAS #: 206-44-0			
9.797	9.797	( 1.139)	202	553038	45.0000	50.3	80.00-	120.00	100.00
9.796	9.796	( 1.139)	101	64153			0.00-	41.60	11.60
9.797	9.797	( 1.139)	203	96085			0.00-	47.37	17.37
-----									
111 Pyrene						CAS #: 129-00-0			
10.016	10.016	( 0.893)	202	571162	45.0000	50.3	80.00-	120.00	100.00
10.016	10.016	( 0.893)	200	116112			0.00-	50.33	20.33
10.016	10.016	( 0.893)	203	102342			0.00-	47.92	17.92
-----									
\$ 112 Terphenyl-d14 (SURR)						CAS #: 1718-51-0			
10.179	10.179	( 0.908)	244	398572	45.0000	45.1	80.00-	120.00	100.00
10.178	10.178	( 0.908)	122	42536			0.00-	40.67	10.67

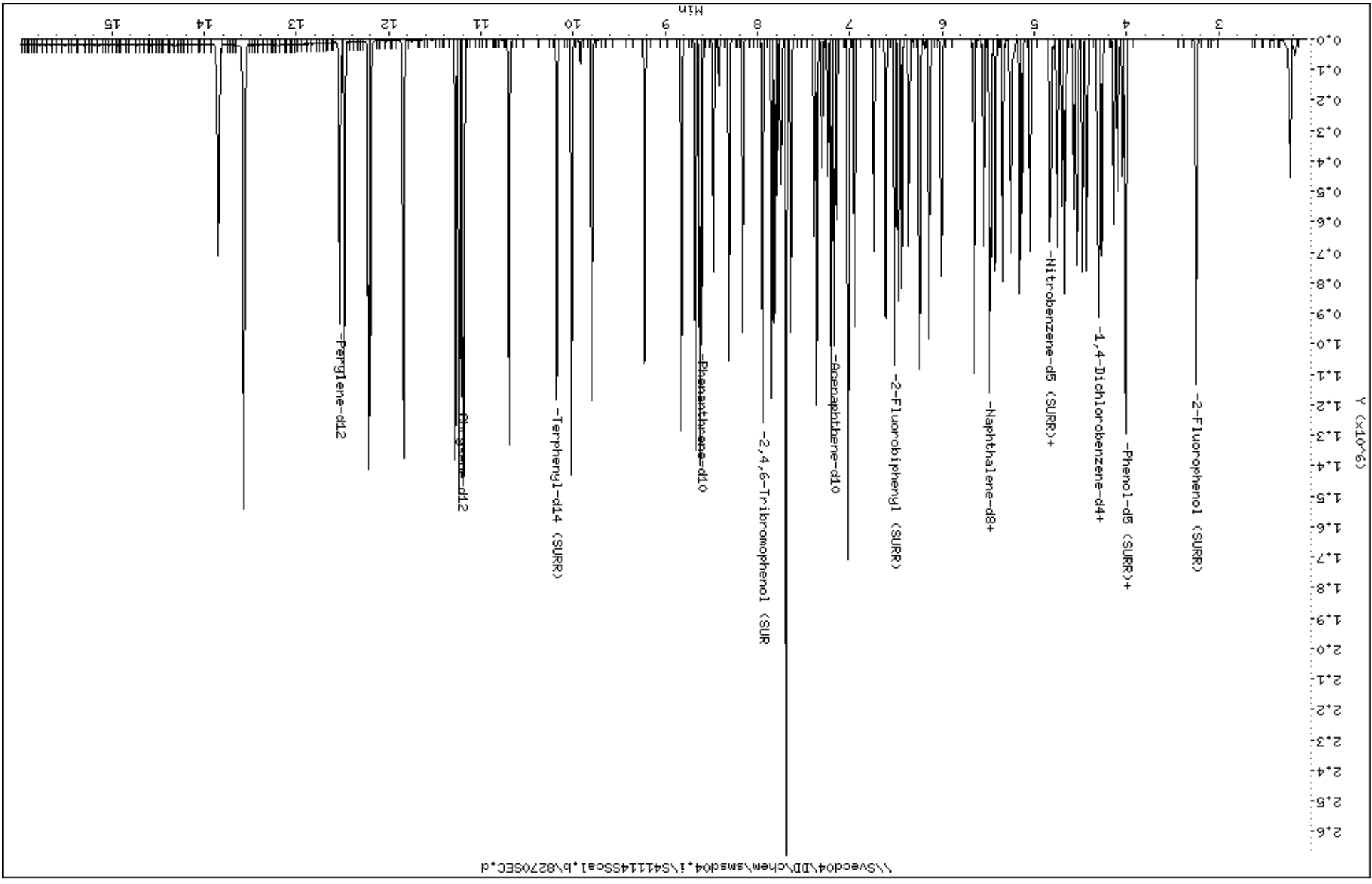


AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 112 Terphenyl-d14 (SURR) (continued)									
10.179	10.179	( 0.908)	212	31560			0.00-	37.92	7.92
-----									
118 Butylbenzylphthalate						CAS #: 85-68-7			
10.690	10.690	( 0.953)	149	294482	45.0000	54.0	80.00-	120.00	100.00(M)
10.691	10.691	( 0.953)	91	222995			45.72-	105.72	75.72
10.692	10.692	( 0.953)	206	63930			0.00-	51.71	21.71
-----									
120 Benzo[a]anthracene						CAS #: 56-55-3			
11.194	11.194	( 0.998)	228	571163	45.0000	50.8	80.00-	120.00	100.00
11.194	11.194	( 0.998)	229	109242			0.00-	49.13	19.13
11.194	11.194	( 0.998)	226	154531			0.00-	57.06	27.06
-----									
* 121 Chrysene-d12						CAS #: 1719-03-5			
11.215	11.211	( 1.000)	240	429336	40.0000		80.00-	120.00	100.00(M)
11.213	11.210	( 1.000)	120	44620			0.00-	40.02	10.39
11.214	11.210	( 1.000)	236	104747			0.00-	54.50	24.40
-----									
123 Chrysene						CAS #: 218-01-9			
11.238	11.238	( 1.002)	228	541548	45.0000	48.9	80.00-	120.00	100.00
11.238	11.238	( 1.002)	226	157469			0.00-	59.08	29.08
11.238	11.238	( 1.002)	229	104722			0.00-	49.34	19.34
-----									
124 Bis-2-Ethylhexylphthalate						CAS #: 117-81-7			
11.275	11.275	( 1.005)	149	381276	45.0000	50.7	80.00-	120.00	100.00
11.276	11.276	( 1.005)	167	113766			0.00-	59.84	29.84
11.276	11.276	( 1.006)	279	29225			0.00-	37.67	7.67
-----									
125 Di-n-octylphthalate						CAS #: 117-84-0			
11.842	11.842	( 0.945)	149	676793	45.0000	49.5	80.00-	120.00	100.00
11.843	11.843	( 0.945)	167	10105			0.00-	31.49	1.49
11.842	11.842	( 0.945)	43	60362			0.00-	38.92	8.92
-----									
127 Benzo[b]fluoranthene						CAS #: 205-99-2			
12.198	12.198	( 0.973)	252	495832	45.0000	48.2	80.00-	120.00	100.00
12.198	12.198	( 0.973)	253	110310			0.00-	52.25	22.25
12.219	12.219	( 0.975)	125	92034			0.00-	48.56	18.56
-----									
128 Benzo[k]fluoranthene						CAS #: 207-08-9			
12.220	12.220	( 0.975)	252	548187	45.0000	47.7	80.00-	120.00	100.00
12.220	12.220	( 0.975)	253	121217			0.00-	52.11	22.11
12.219	12.219	( 0.975)	125	92034			0.00-	46.79	16.79
-----									
129 Benzo[a]pyrene						CAS #: 50-32-8			
12.484	12.484	( 0.996)	252	469117	45.0000	49.8	80.00-	120.00	100.00(M)
12.484	12.484	( 0.996)	253	101238			0.00-	51.58	21.58
12.484	12.484	( 0.996)	125	45326			0.00-	39.66	9.66
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* 130 Perylene-d12						CAS #: 1520-96-3			
12.532	12.532	( 1.000)	264	360650	40.0000		80.00-	120.00	100.00
12.532	12.533	( 1.000)	260	82188			0.00-	52.70	22.79
12.532	12.532	( 1.000)	265	80367			0.00-	52.11	22.28
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
133 Indeno[1,2,3-cd]pyrene					CAS #: 193-39-5				
13.569	13.569	( 1.083)	276	537363	45.0000	50.9	80.00-	120.00	100.00
13.570	13.570	( 1.083)	138	123605			0.00-	53.00	23.00
13.570	13.570	( 1.083)	277	135384			0.00-	55.19	25.19
-----									
134 Dibenz[a,h]anthracene					CAS #: 53-70-3				
13.574	13.574	( 1.083)	278	449968	45.0000	50.5	80.00-	120.00	100.00
13.573	13.573	( 1.083)	139	68989			0.00-	45.33	15.33
13.574	13.574	( 1.083)	279	105482			0.00-	53.44	23.44
-----									
135 Benzo[g,h,i]perylene					CAS #: 191-24-2				
13.852	13.852	( 1.105)	276	422560	45.0000	50.2	80.00-	120.00	100.00
13.852	13.852	( 1.105)	138	79701			0.00-	48.86	18.86
13.852	13.852	( 1.105)	277	98575			0.00-	53.33	23.33
-----									

QC Flag Legend

- a - Target compound detected but, quantitated amount  
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.



Data File: \\Sveco04\DD\chem\smsd04\1541114SSo1.B\8270SEC.d

Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Sample Info: 47770

Column phase: HPMS-5

Instrument: smsd04.i

Operator: MJ

Column diameter: 0.25

Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

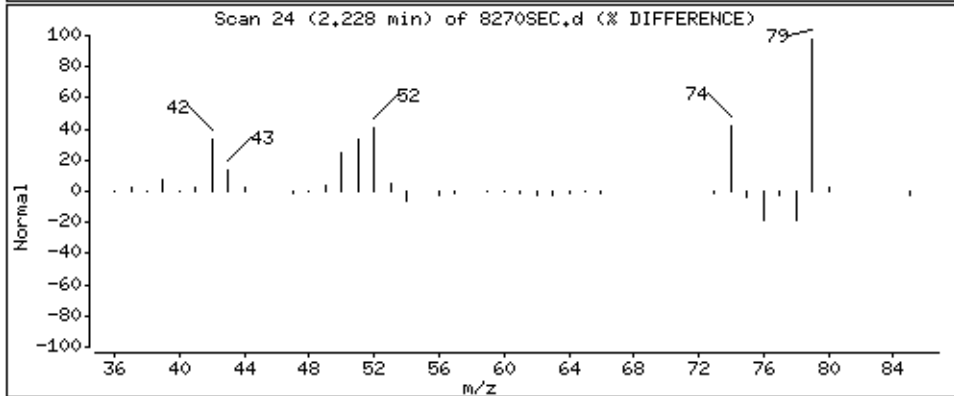
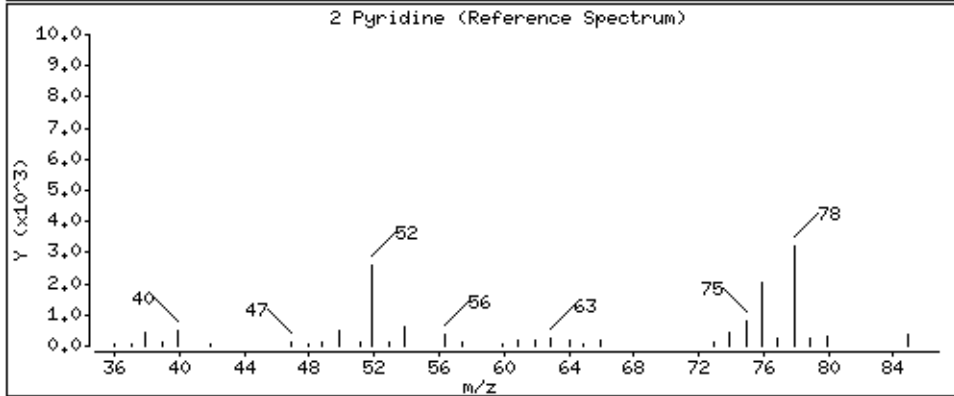
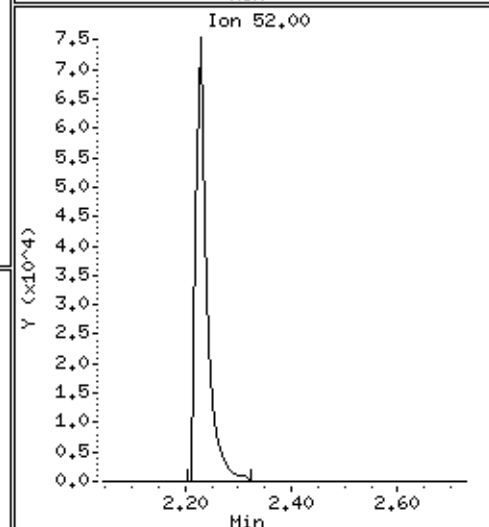
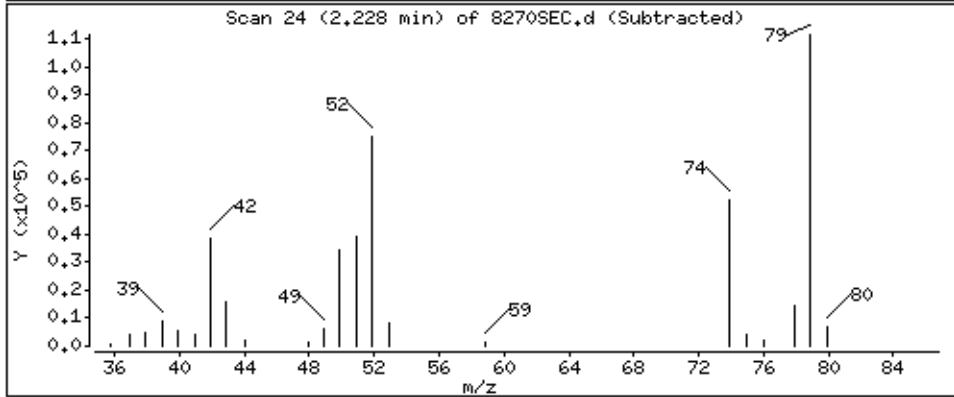
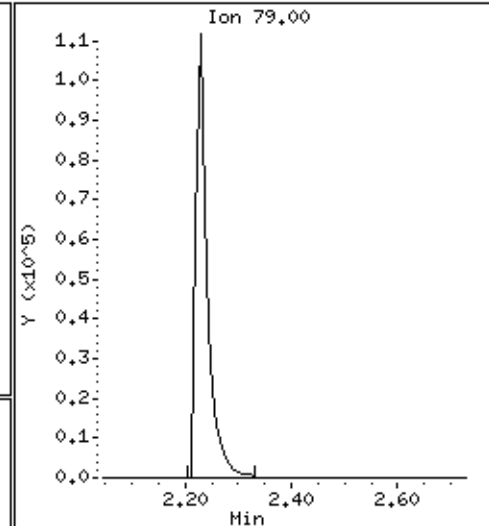
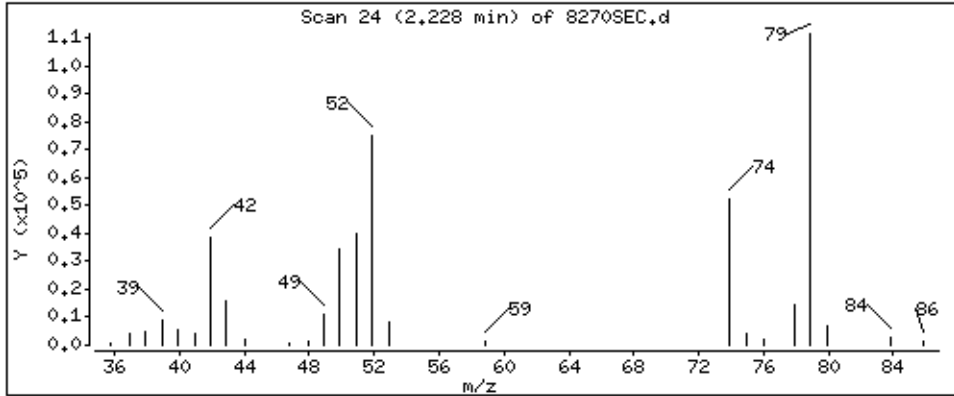
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

2 Pyridine

Concentration: 45,0 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

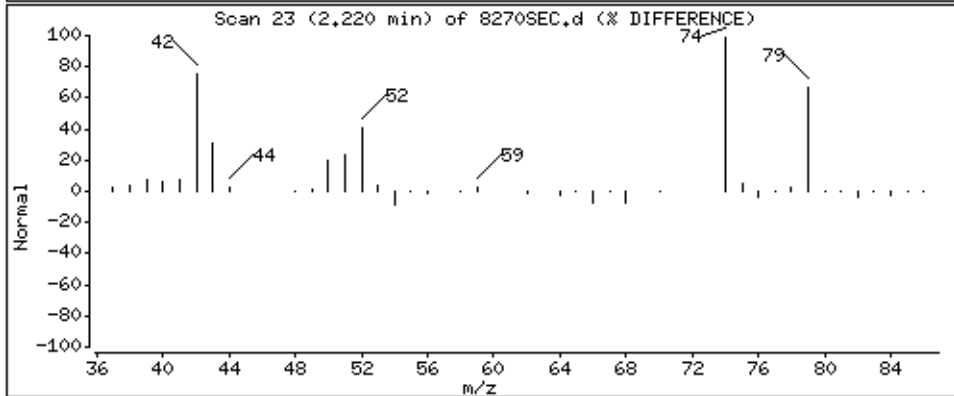
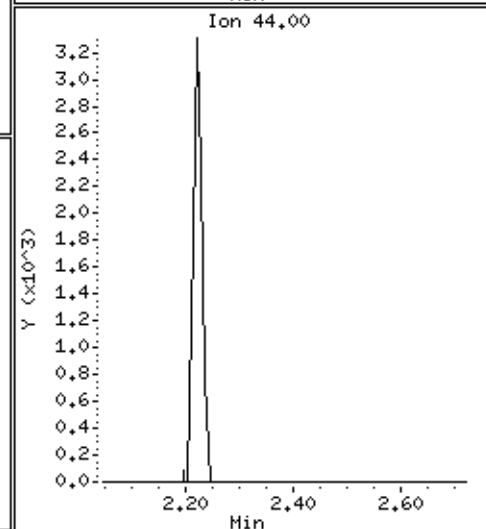
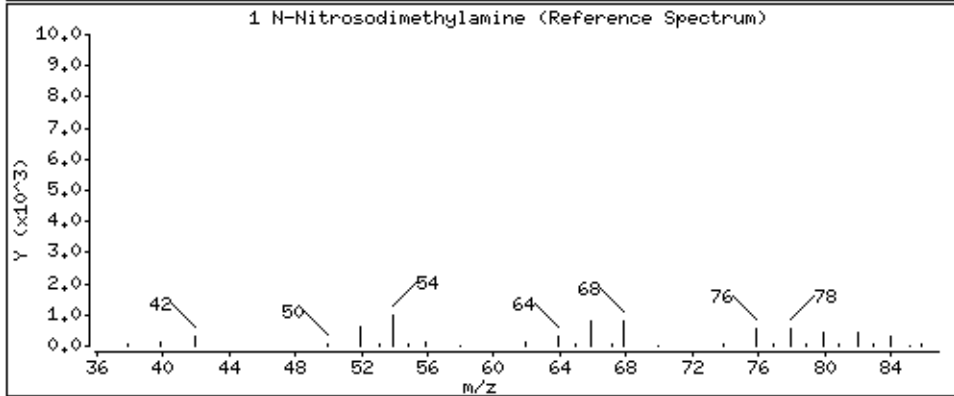
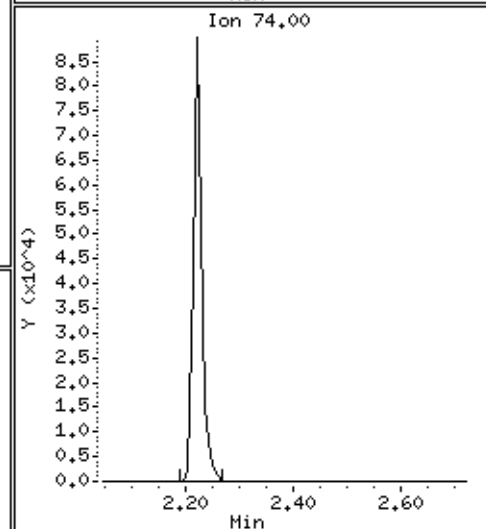
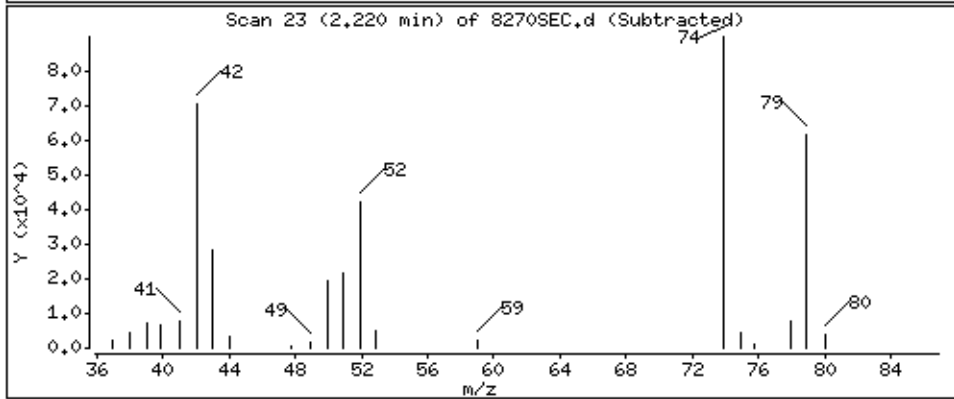
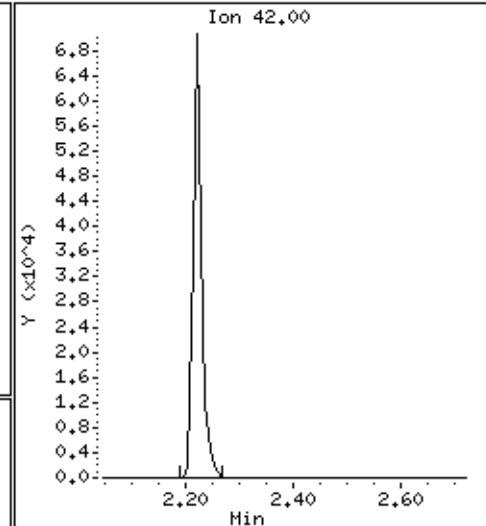
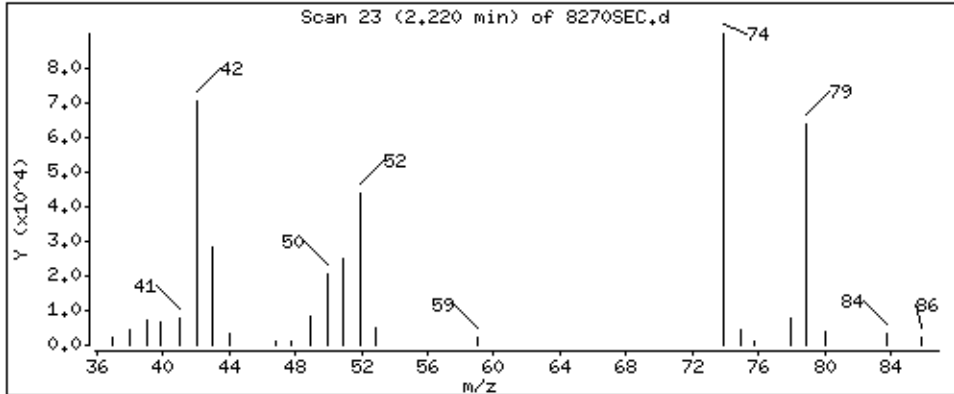
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

1 N-Nitrosodimethylamine

Concentration: 49,2 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

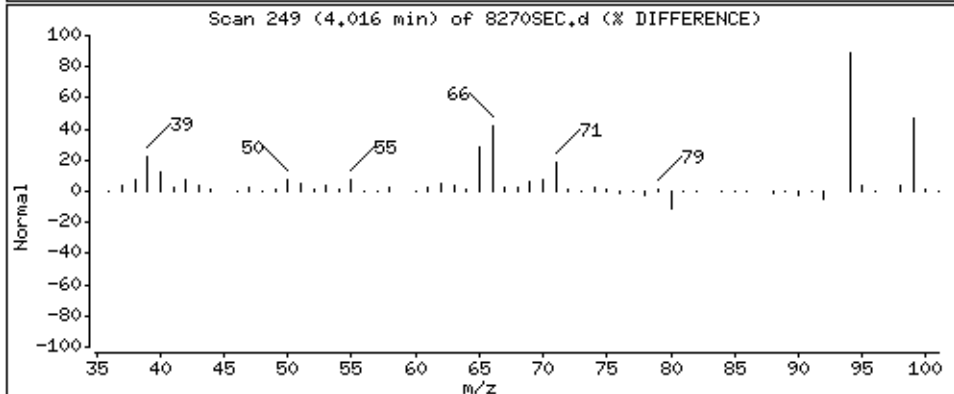
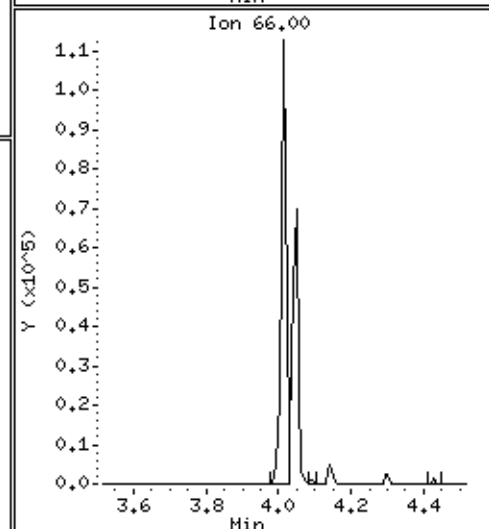
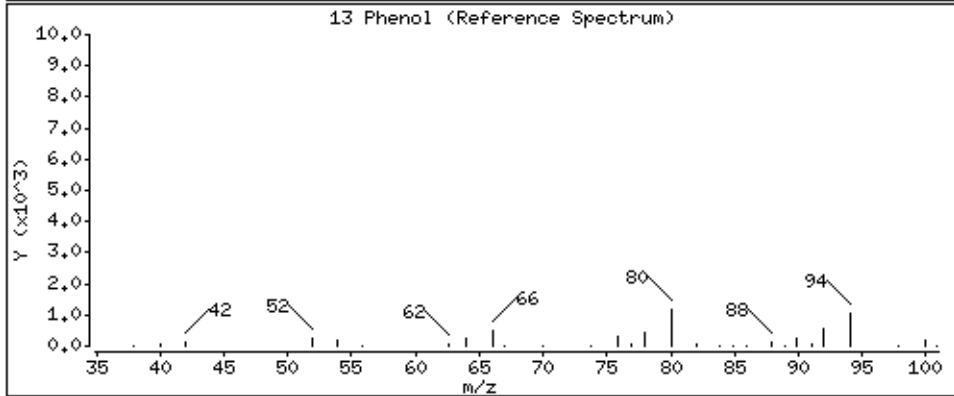
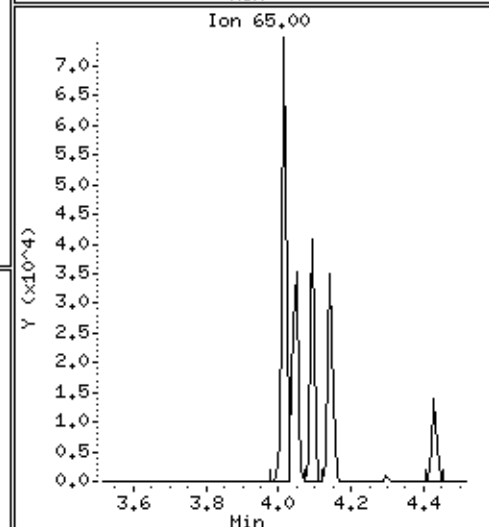
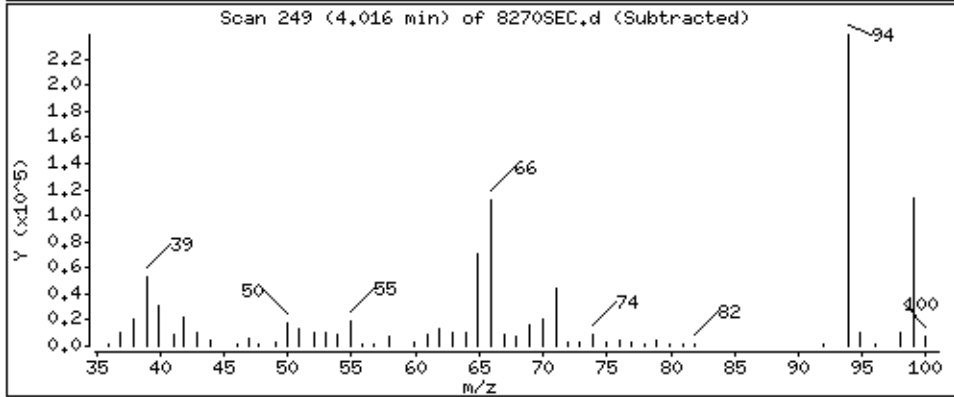
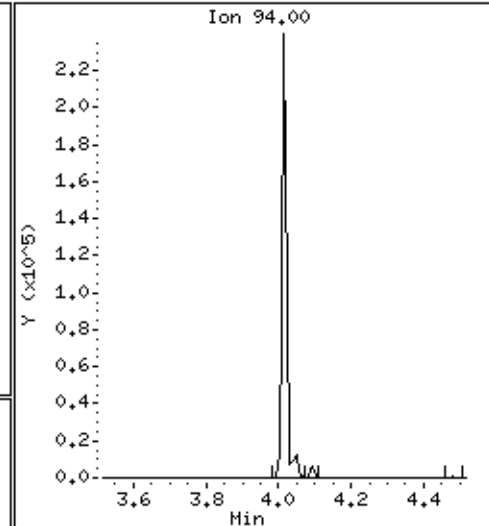
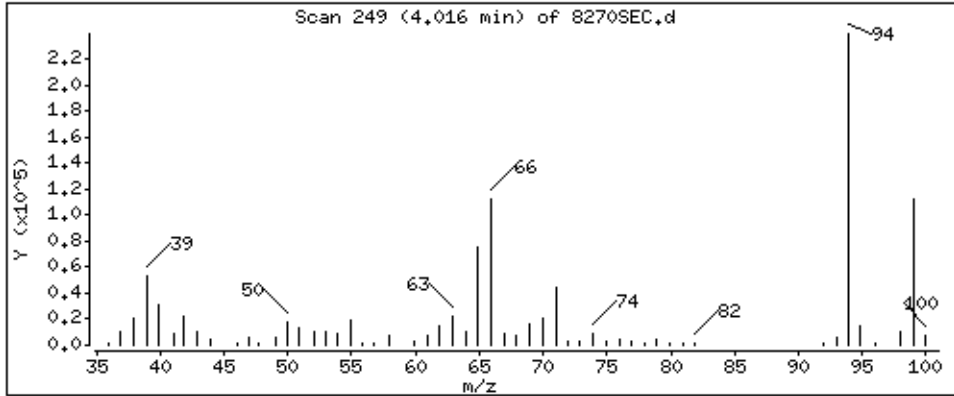
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

13 Phenol

Concentration: 49,7 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

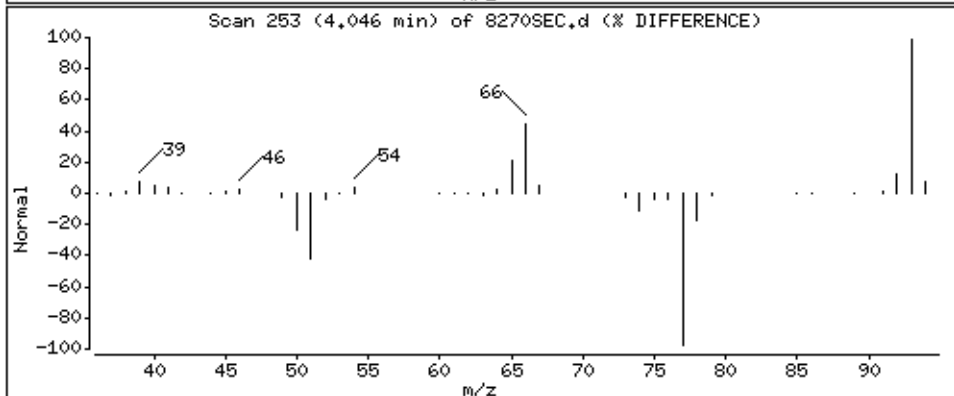
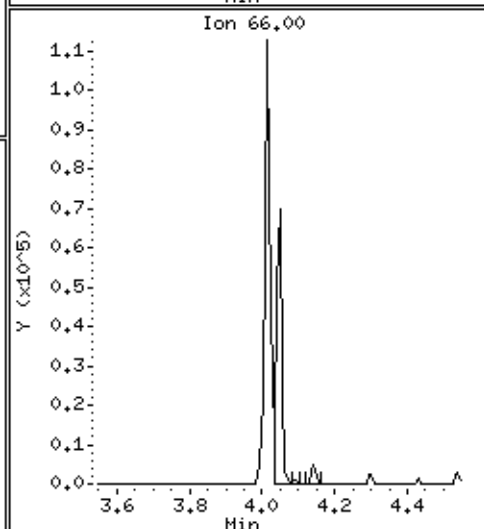
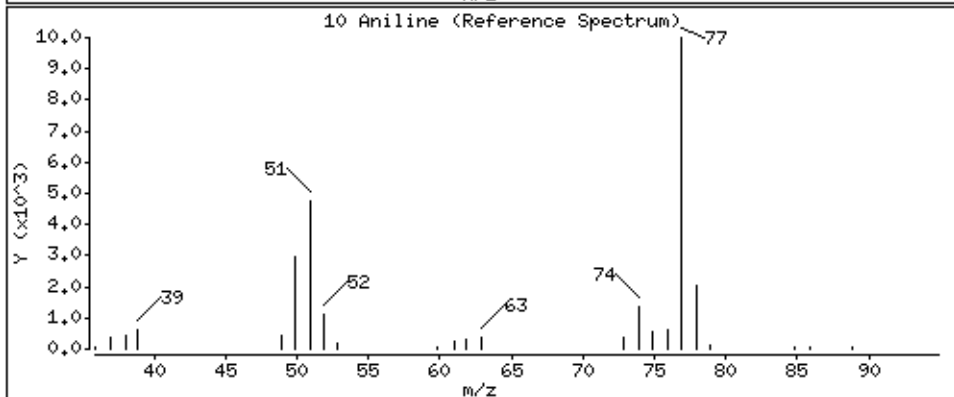
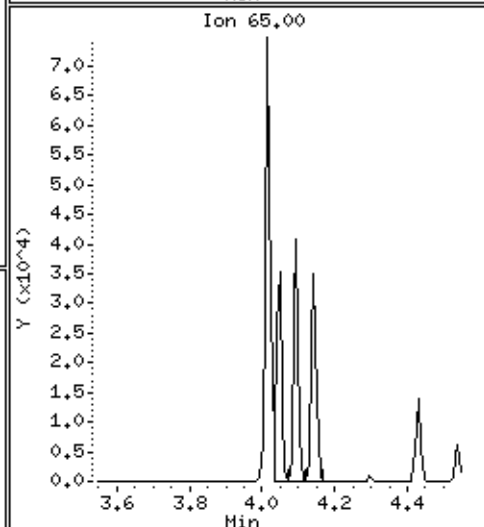
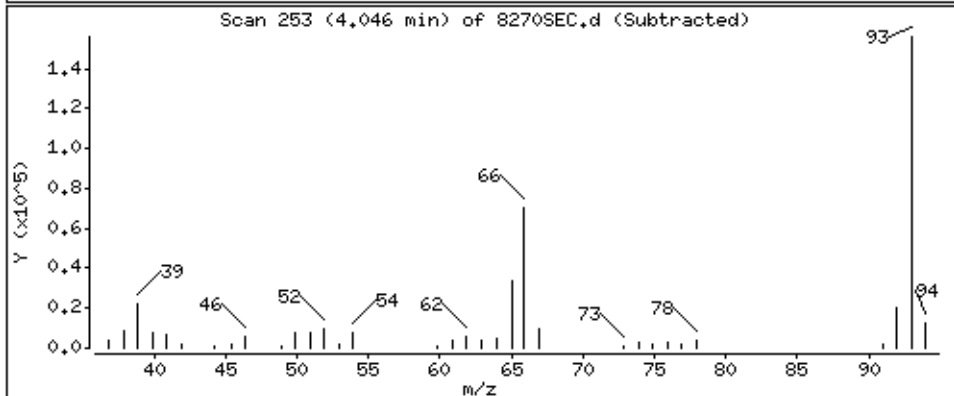
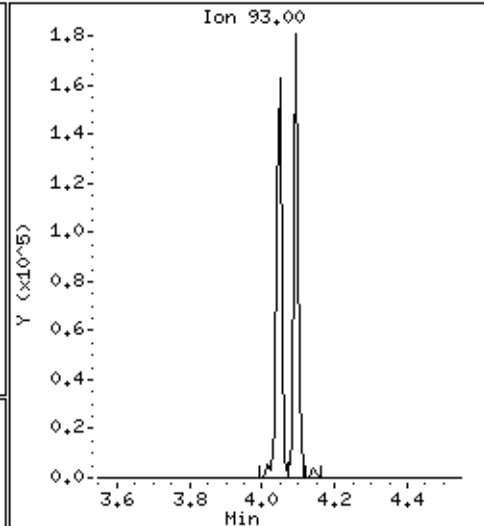
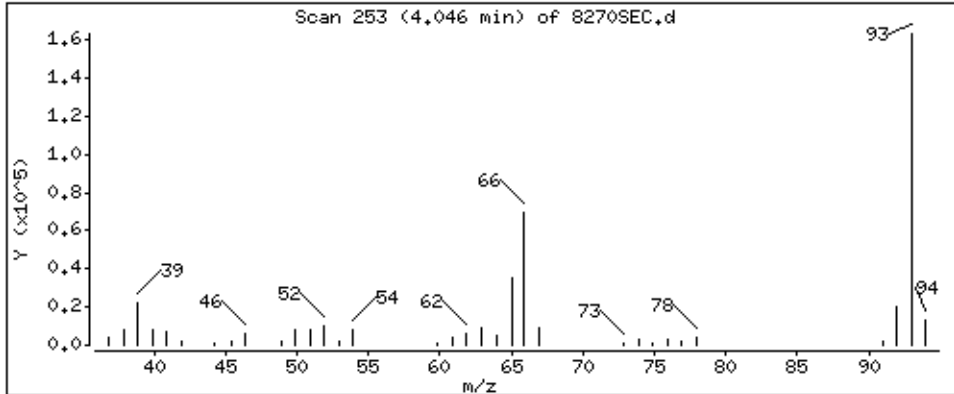
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

10 Aniline

Concentration: 39,6 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

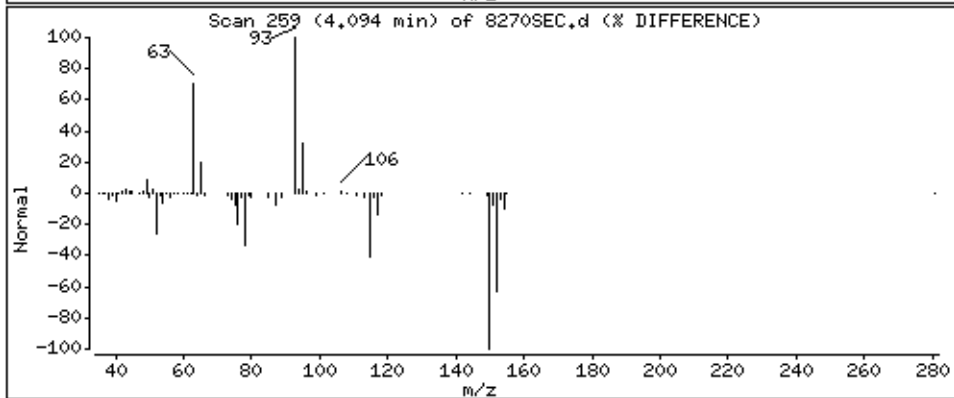
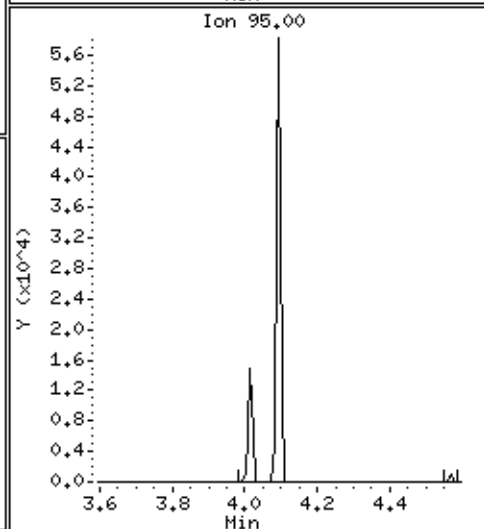
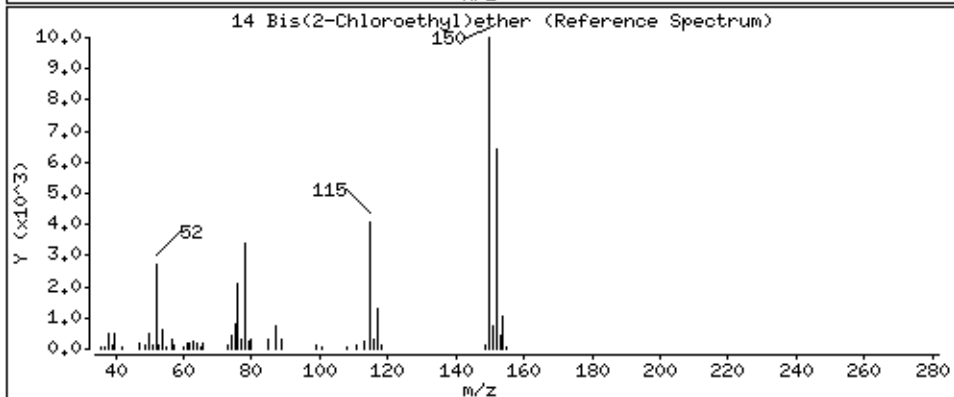
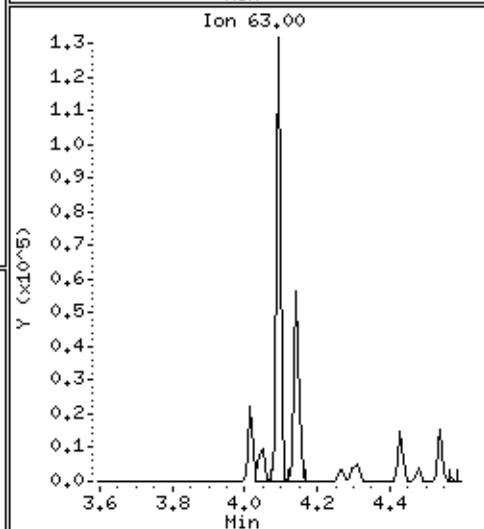
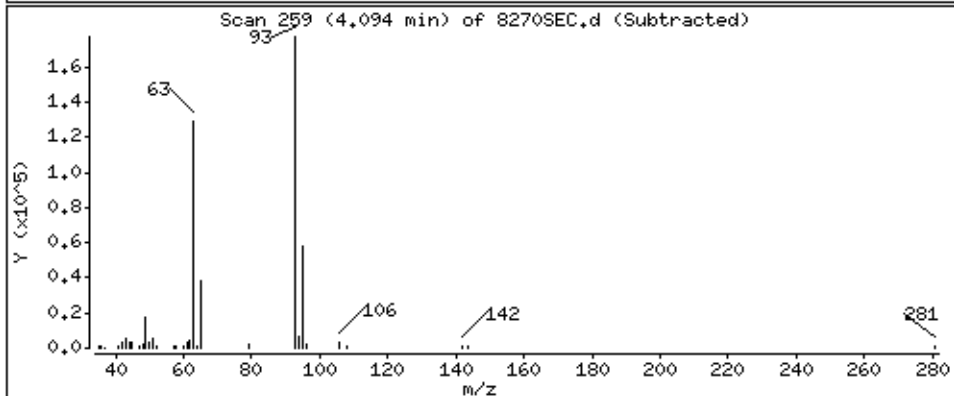
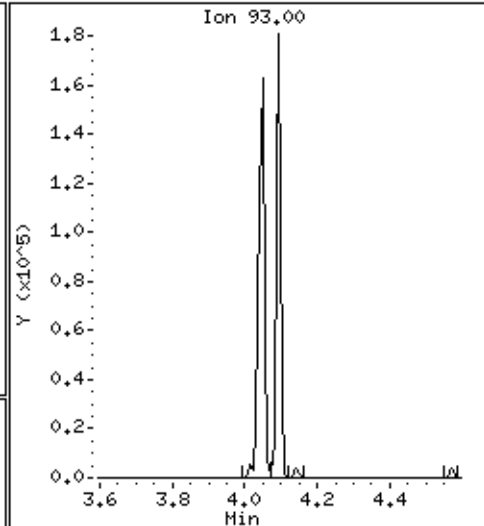
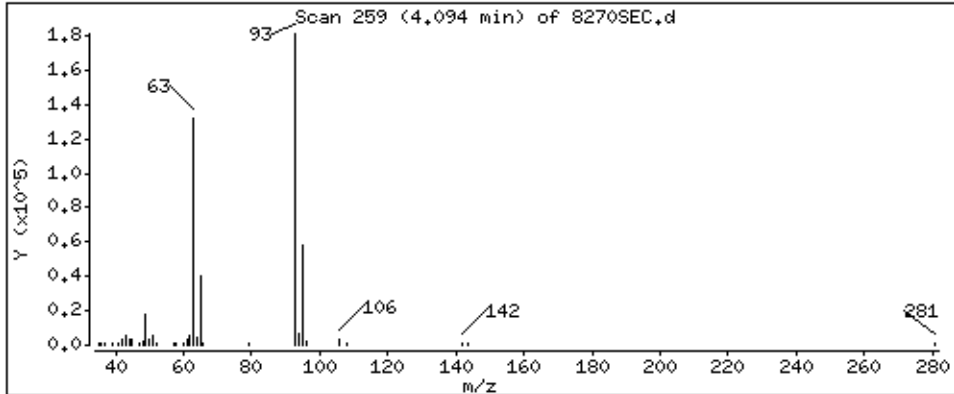
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

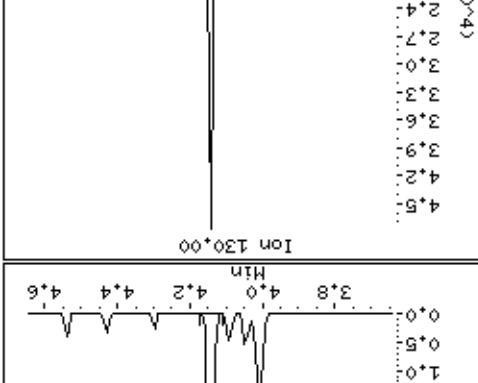
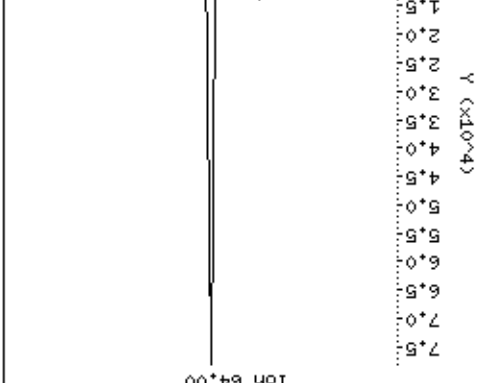
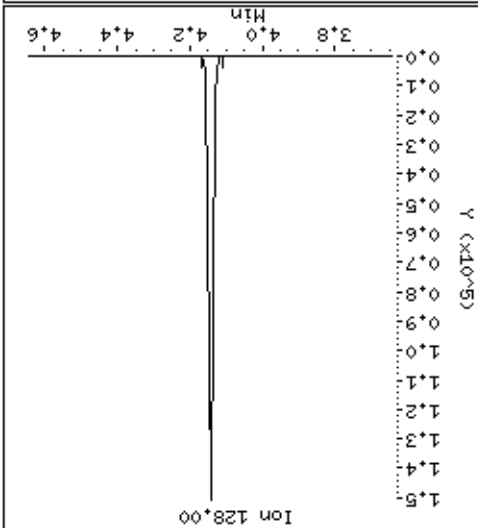
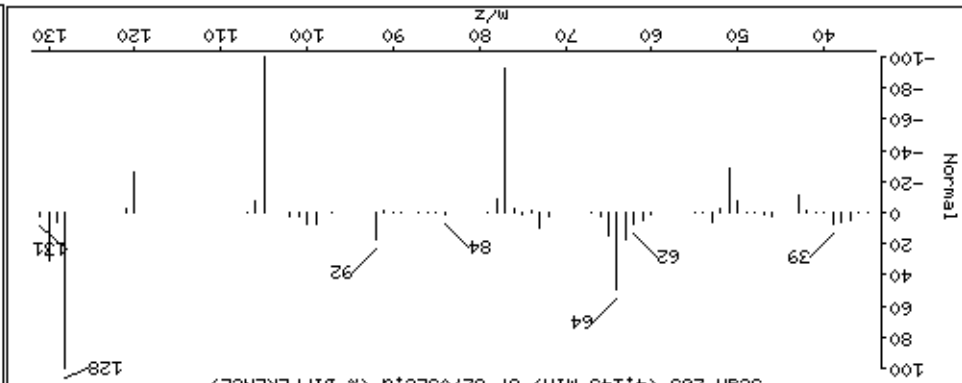
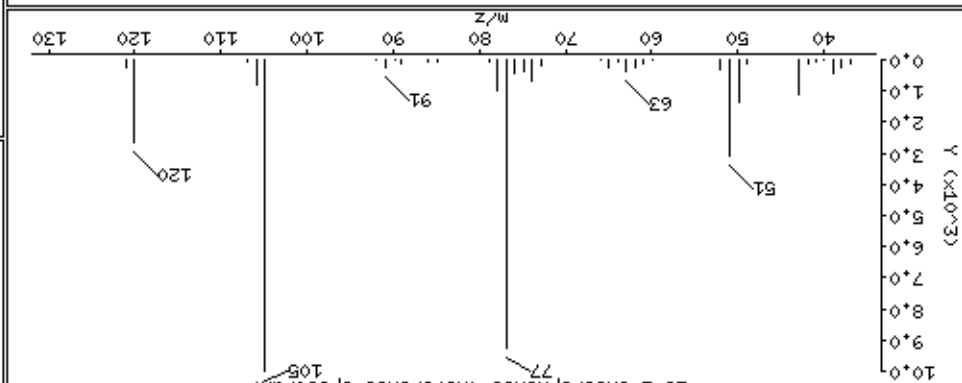
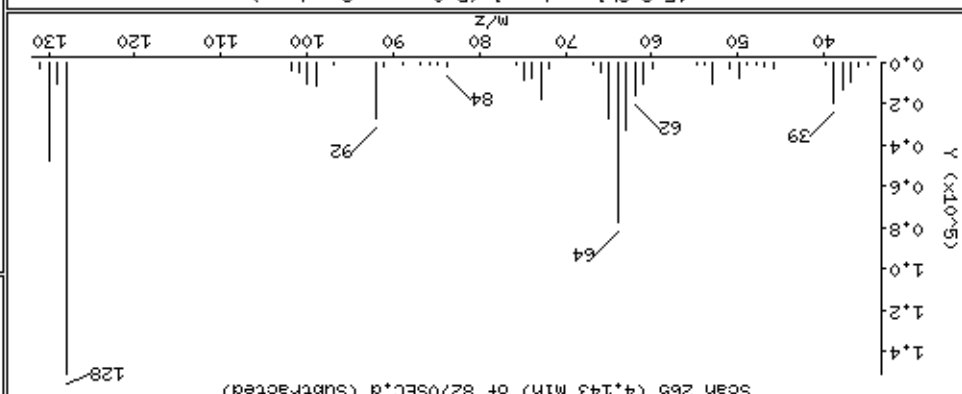
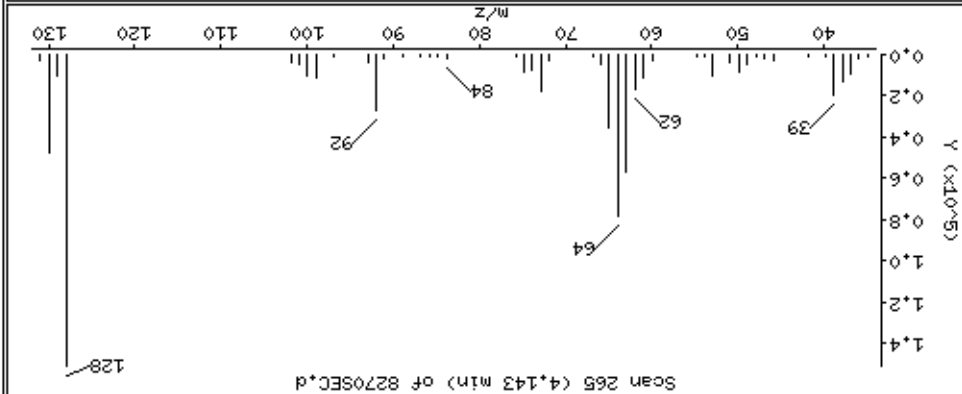
14 Bis(2-Chloroethyl)ether

Concentration: 53,2 ug/kg





15 2-Chlorophenol



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

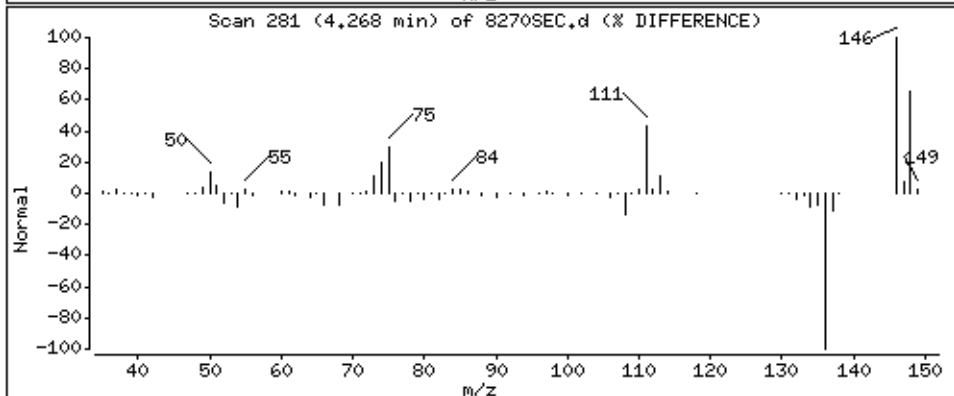
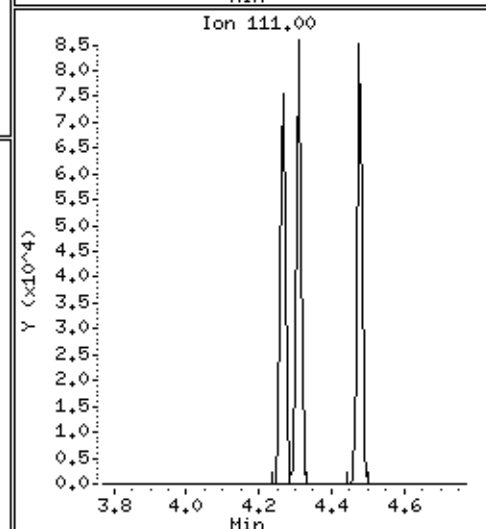
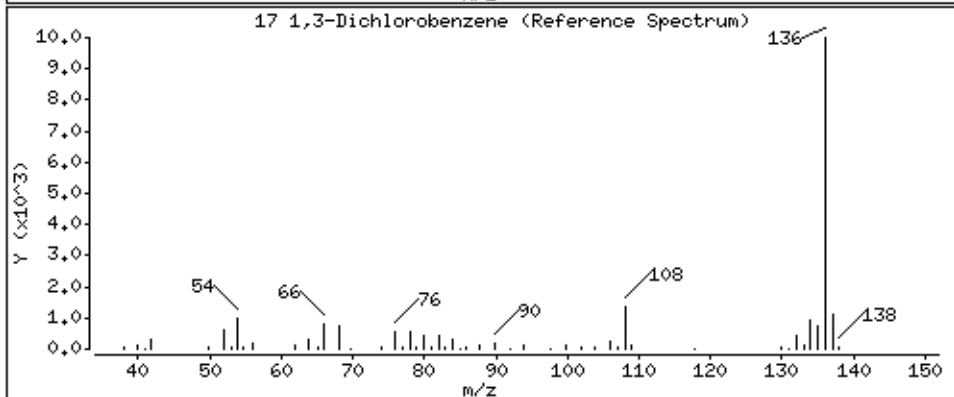
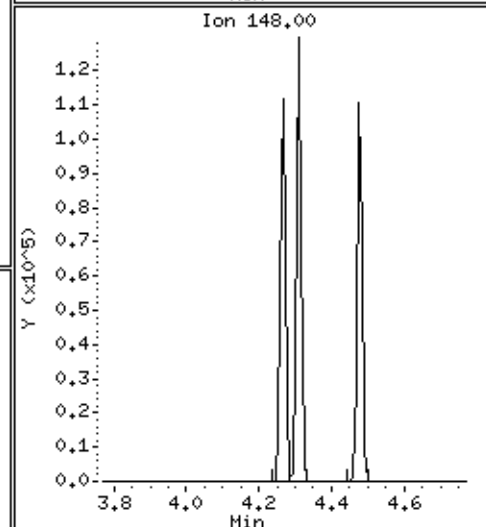
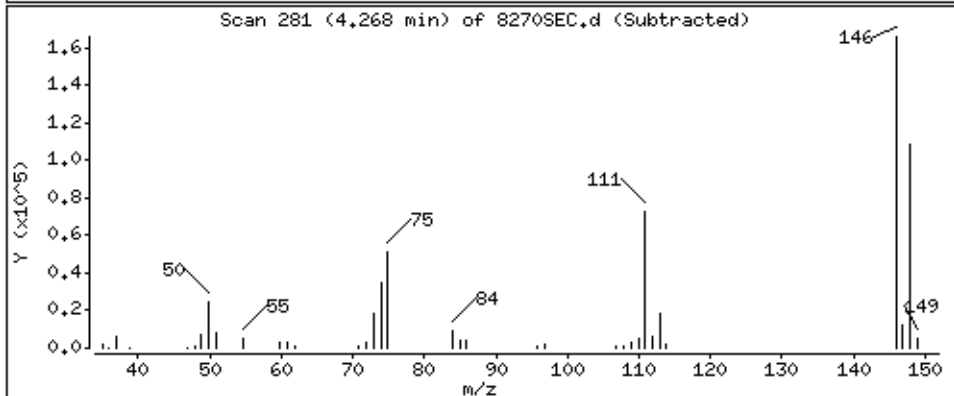
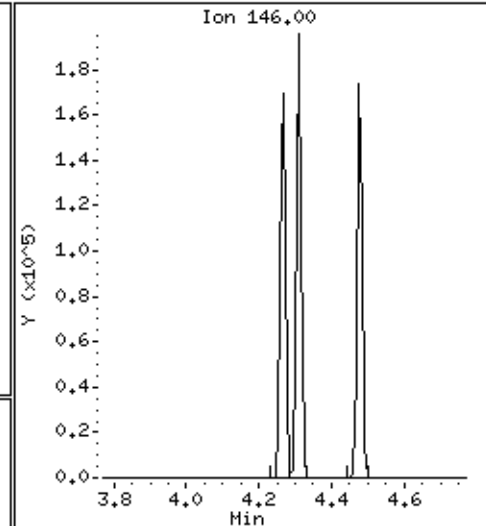
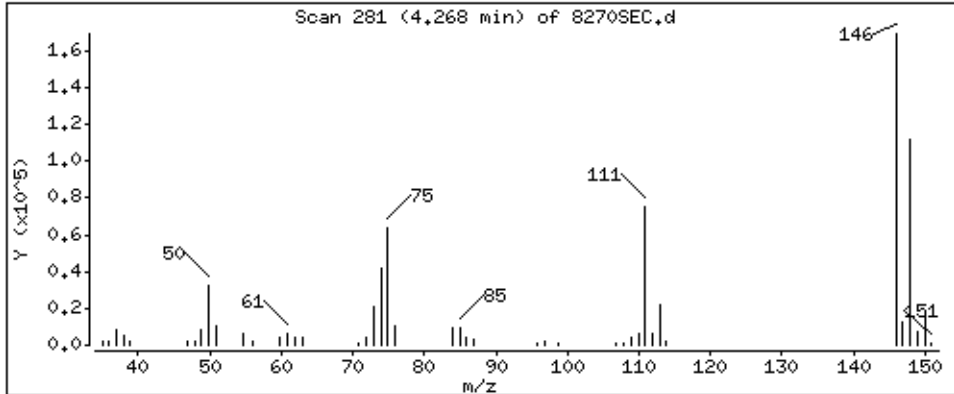
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

17 1,3-Dichlorobenzene

Concentration: 48,2 ug/kg



Date: 15-NOV-2012 01:07

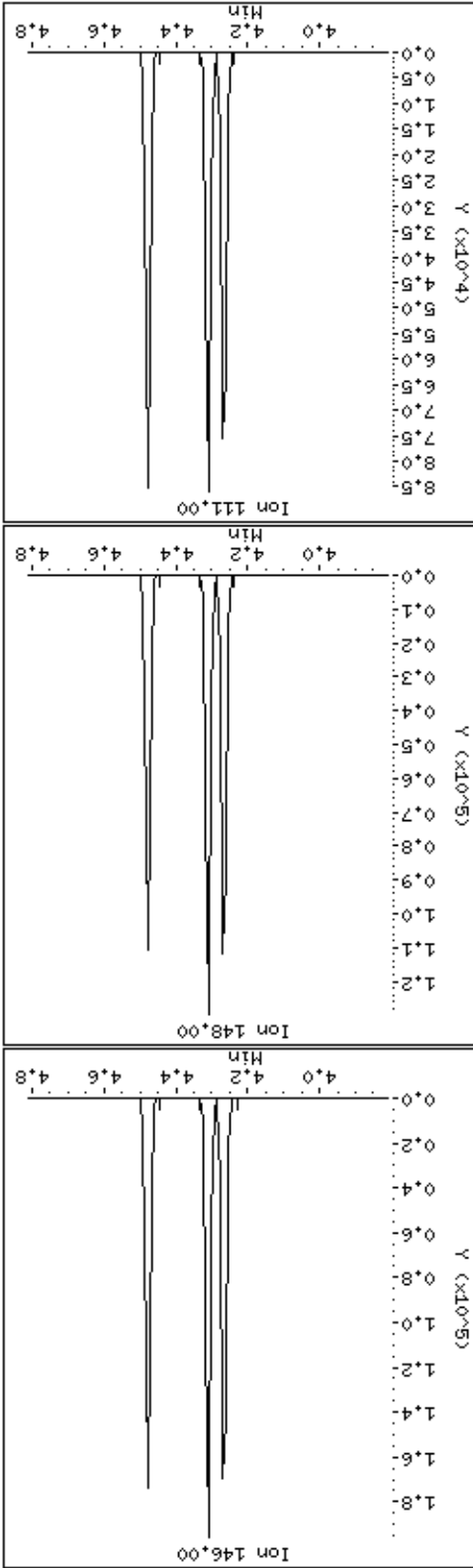
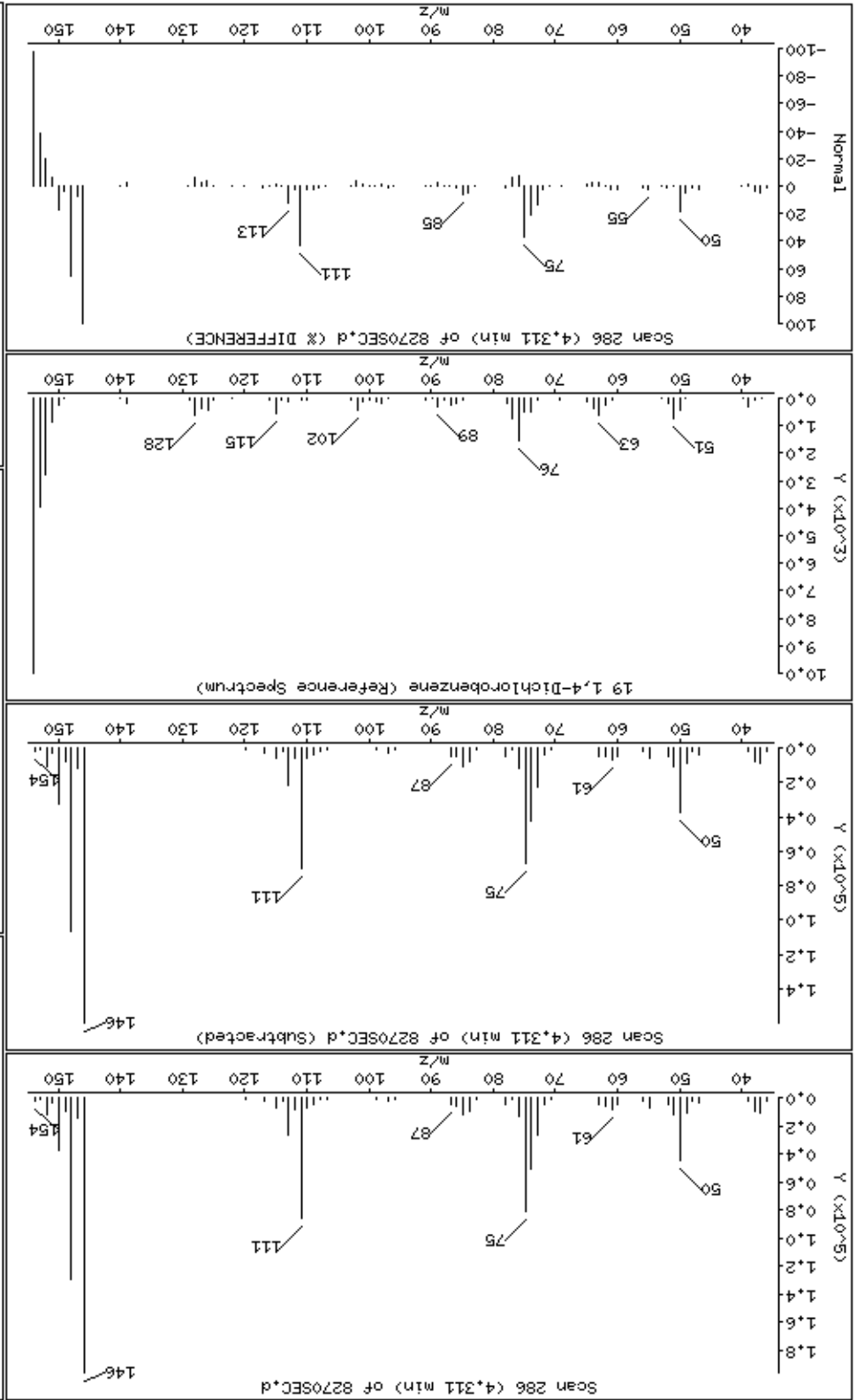
Client ID: 8270SEC

Sample Info: 47770

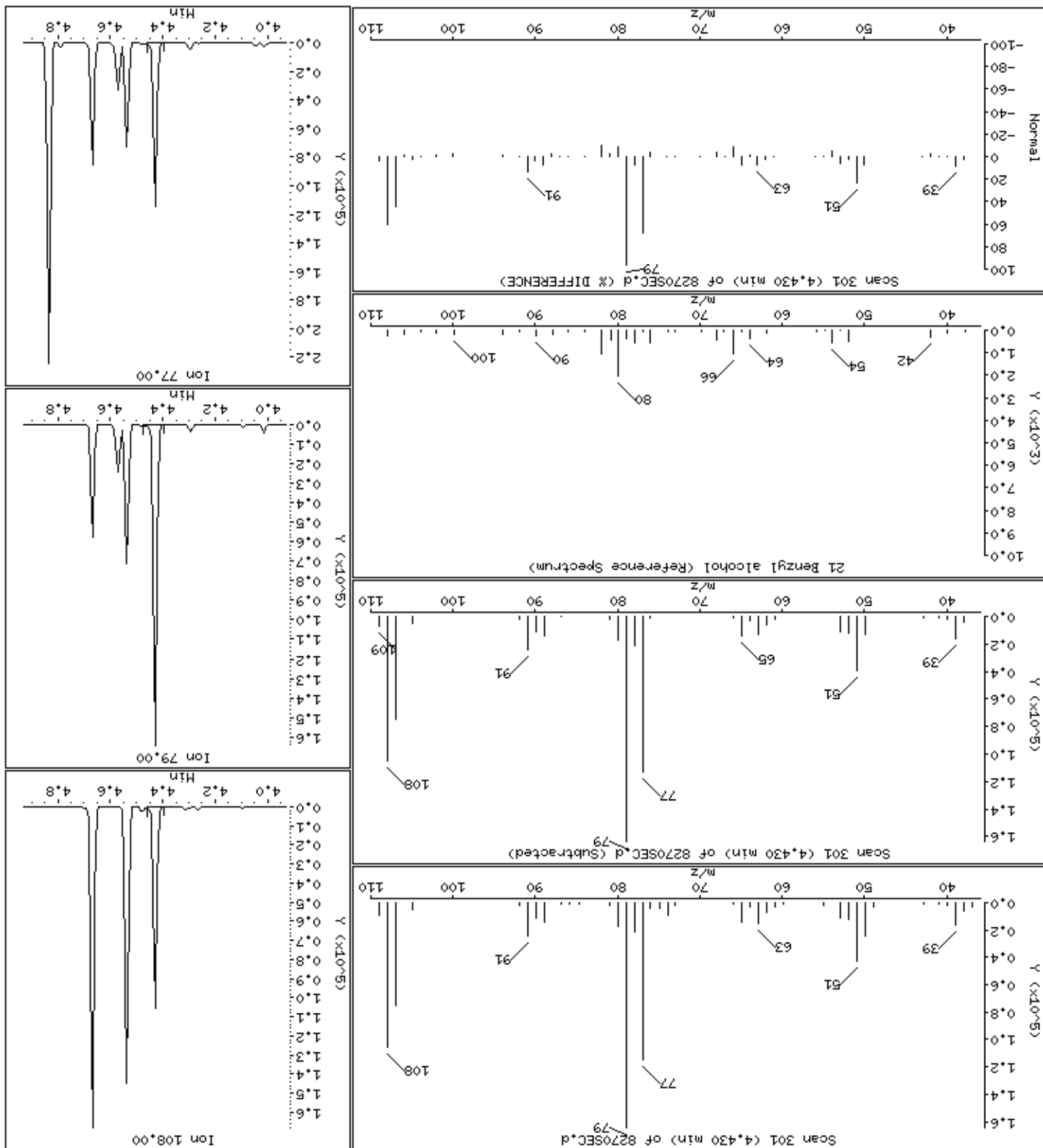
Operator: MJ

Column diameter: 0.25

Concentration: 46.7 ug/kg



21 Benzyl alcohol



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

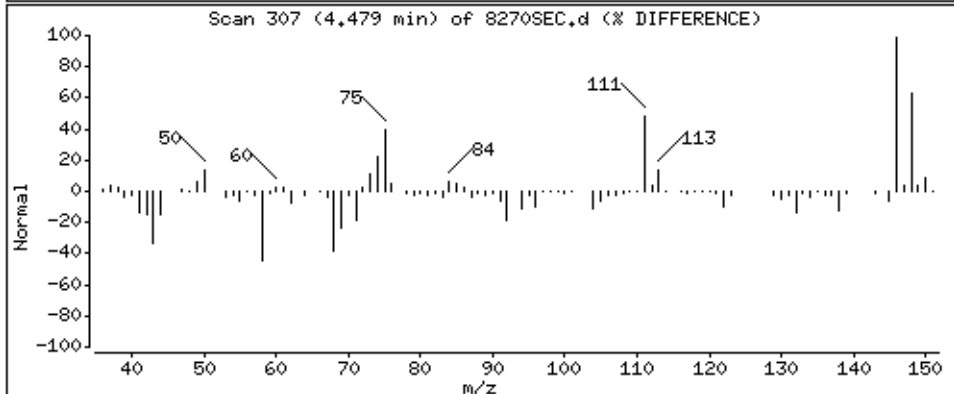
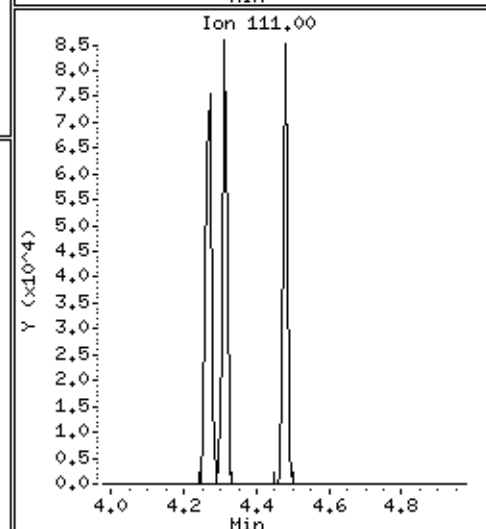
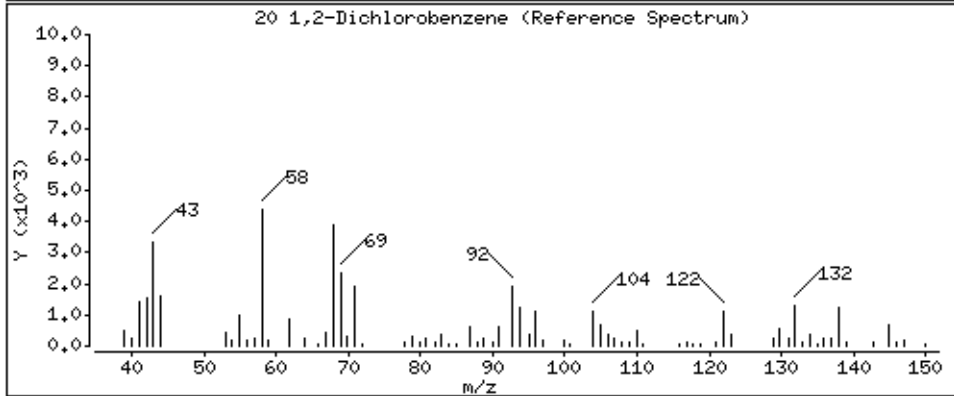
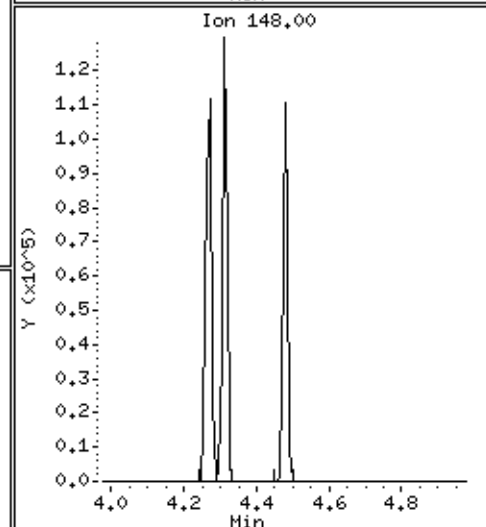
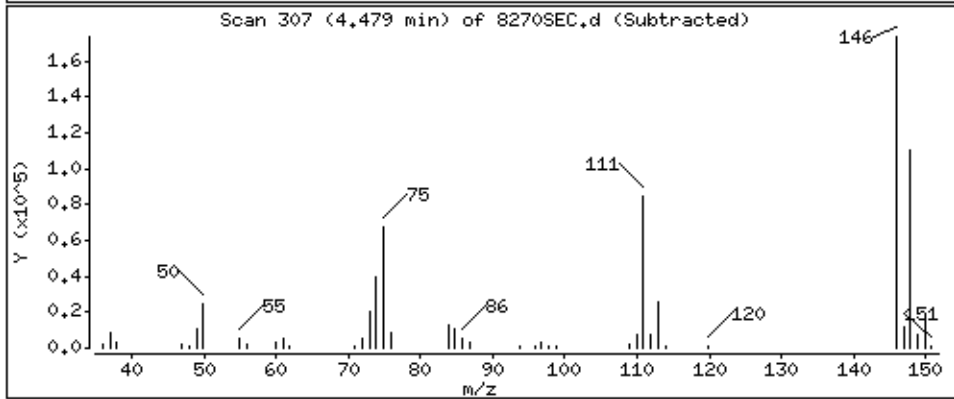
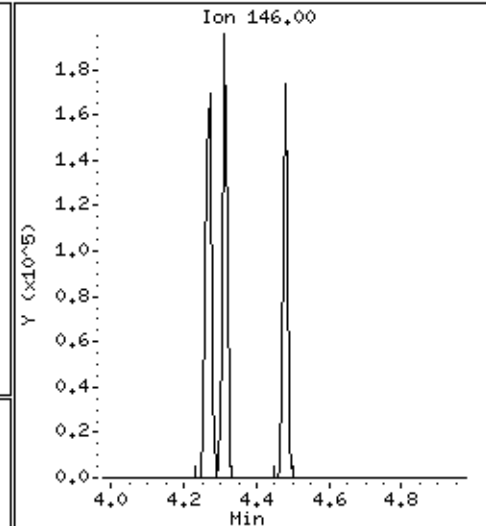
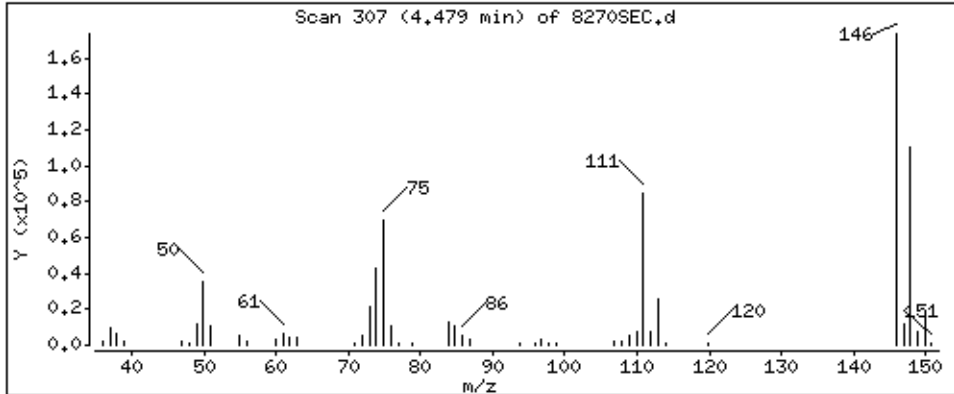
Operator: MJ

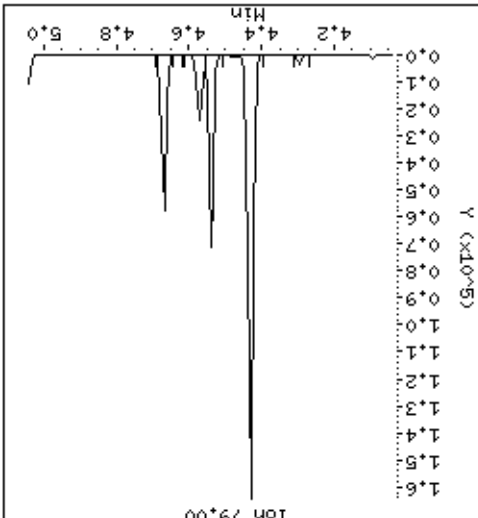
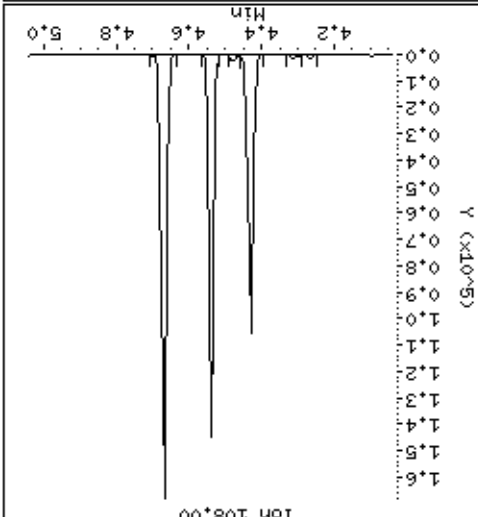
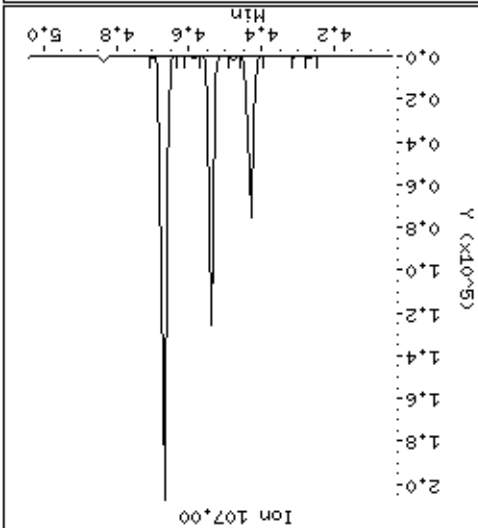
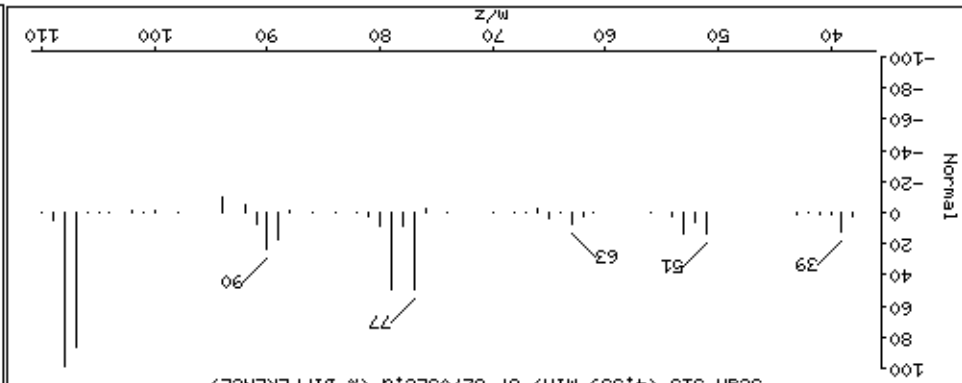
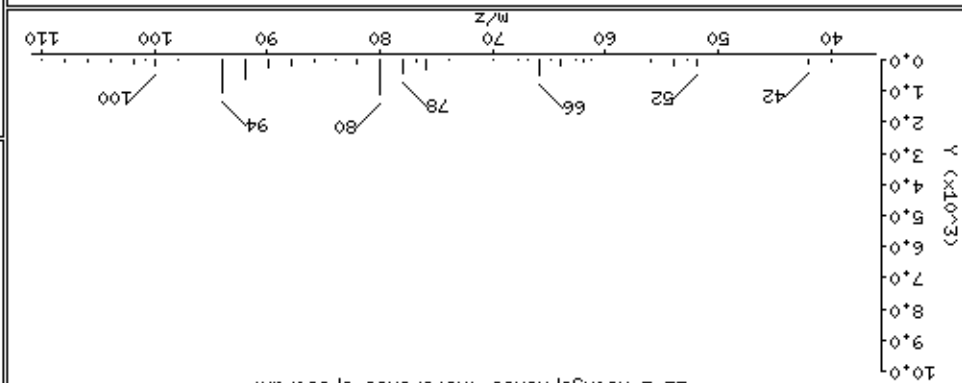
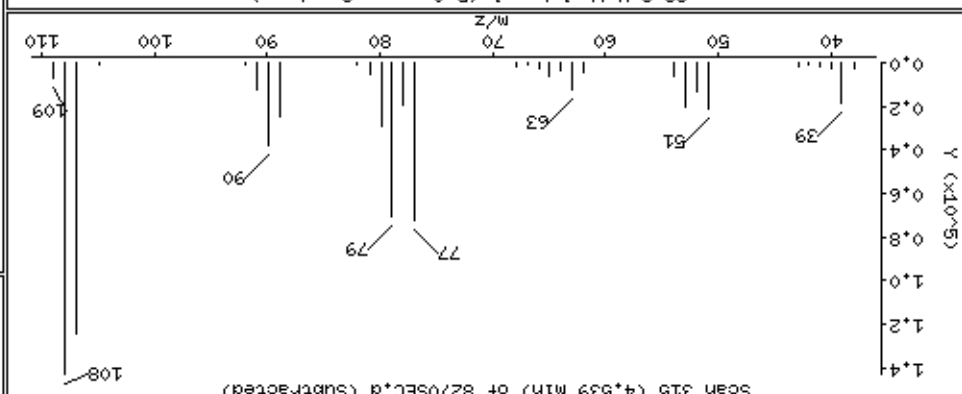
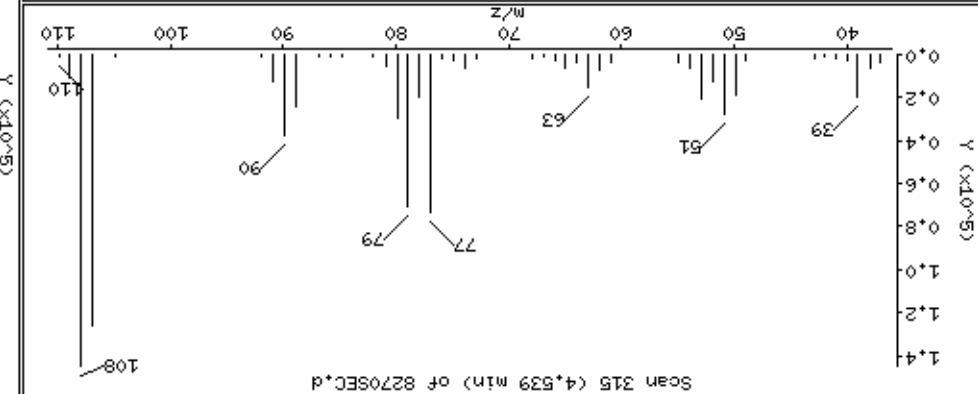
Column phase: HPMS-5

Column diameter: 0.25

20 1,2-Dichlorobenzene

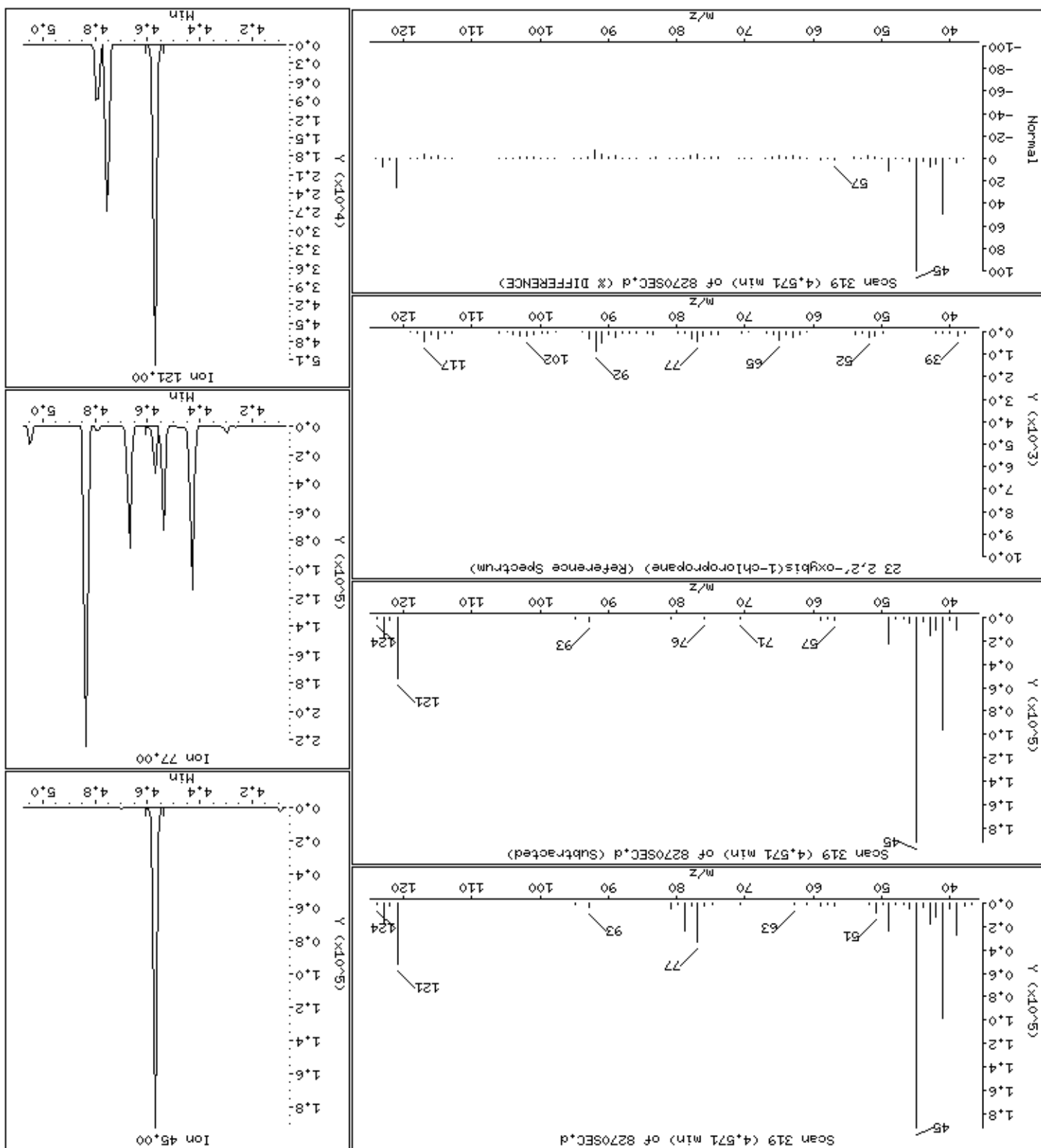
Concentration: 47.4 ug/kg

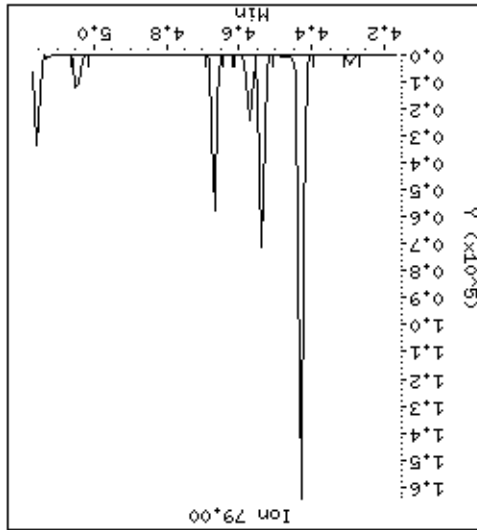
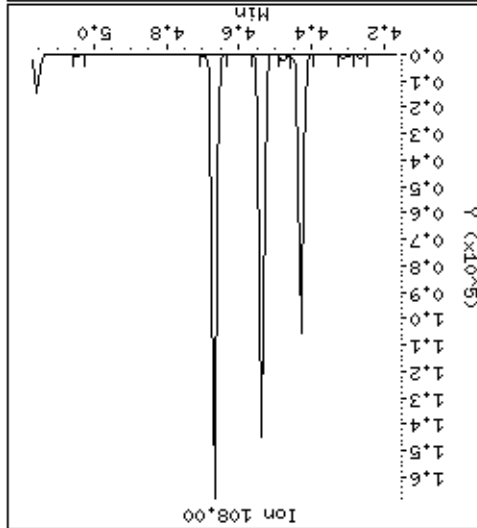
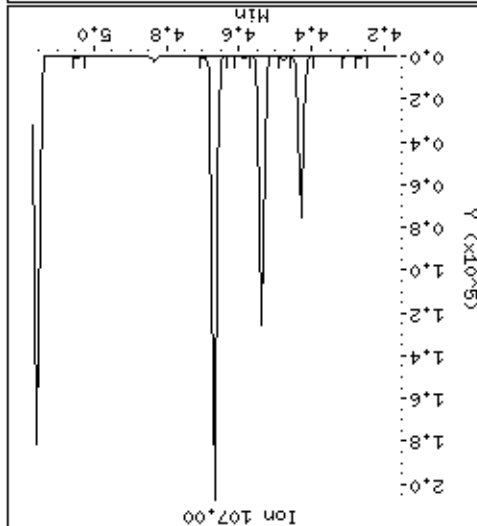
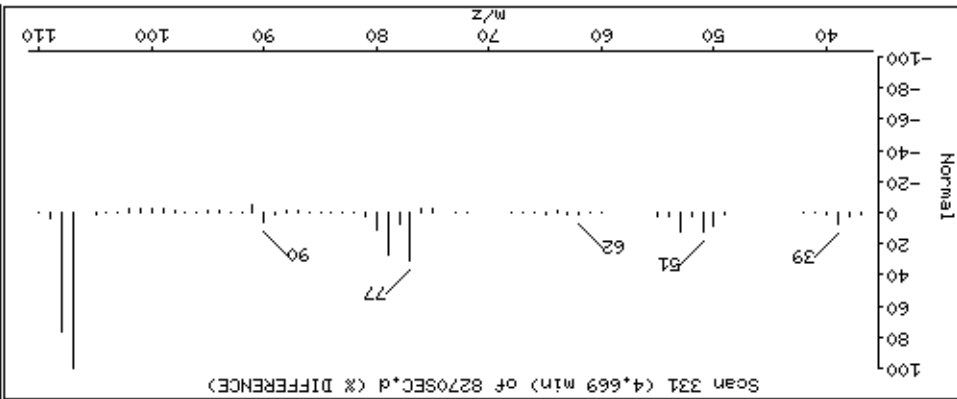
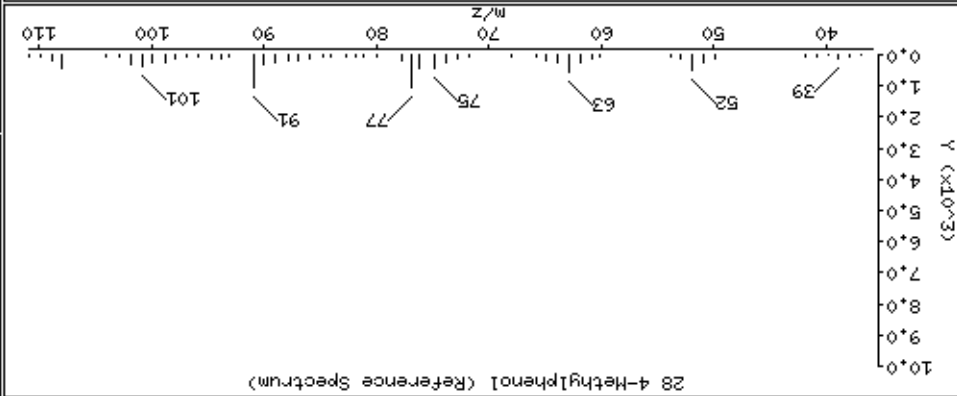
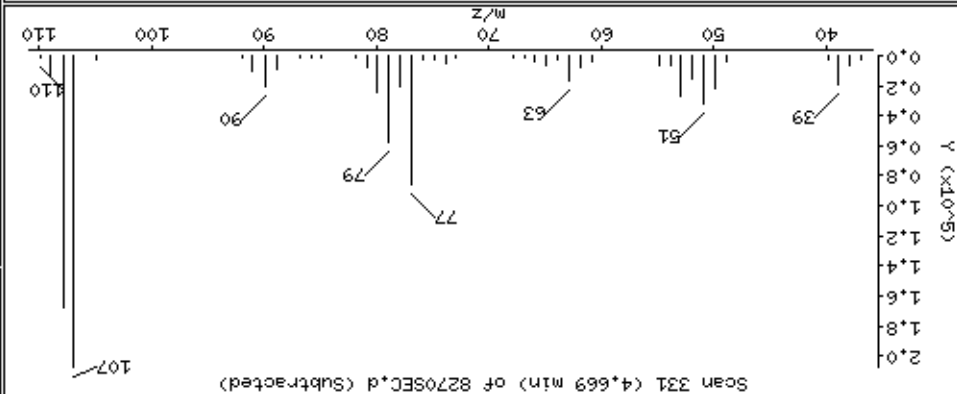
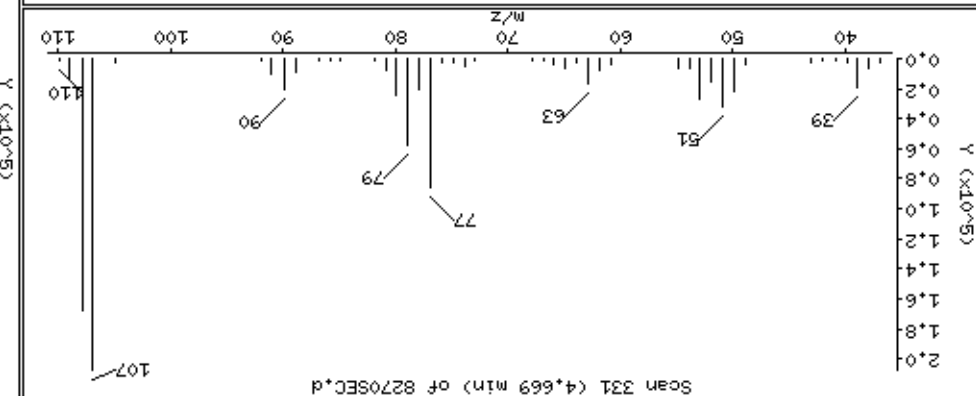




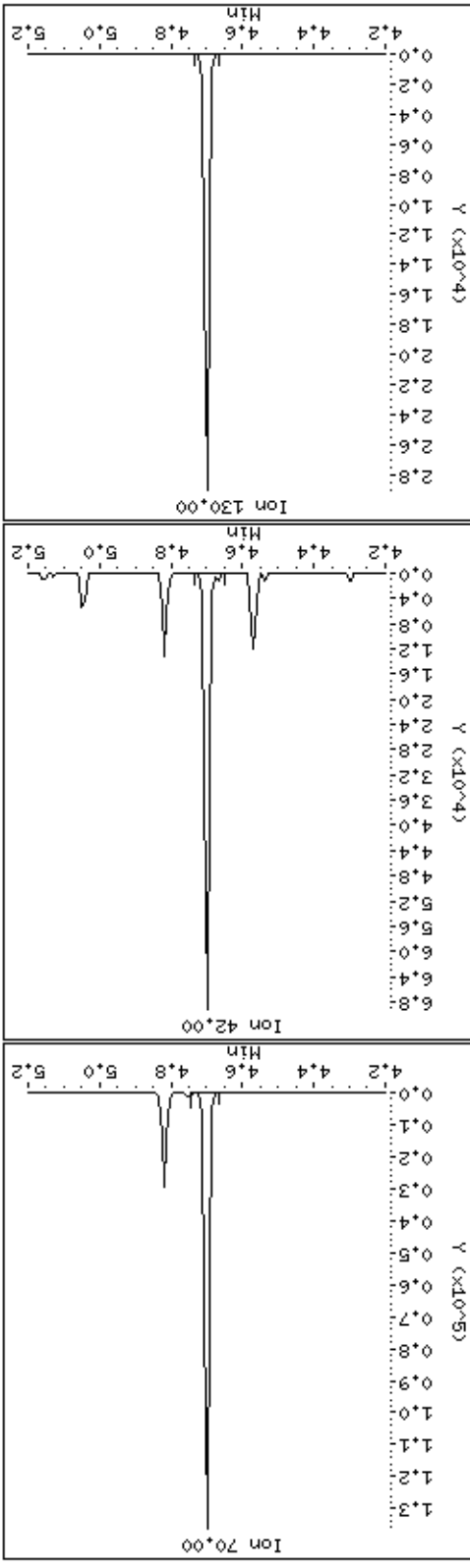
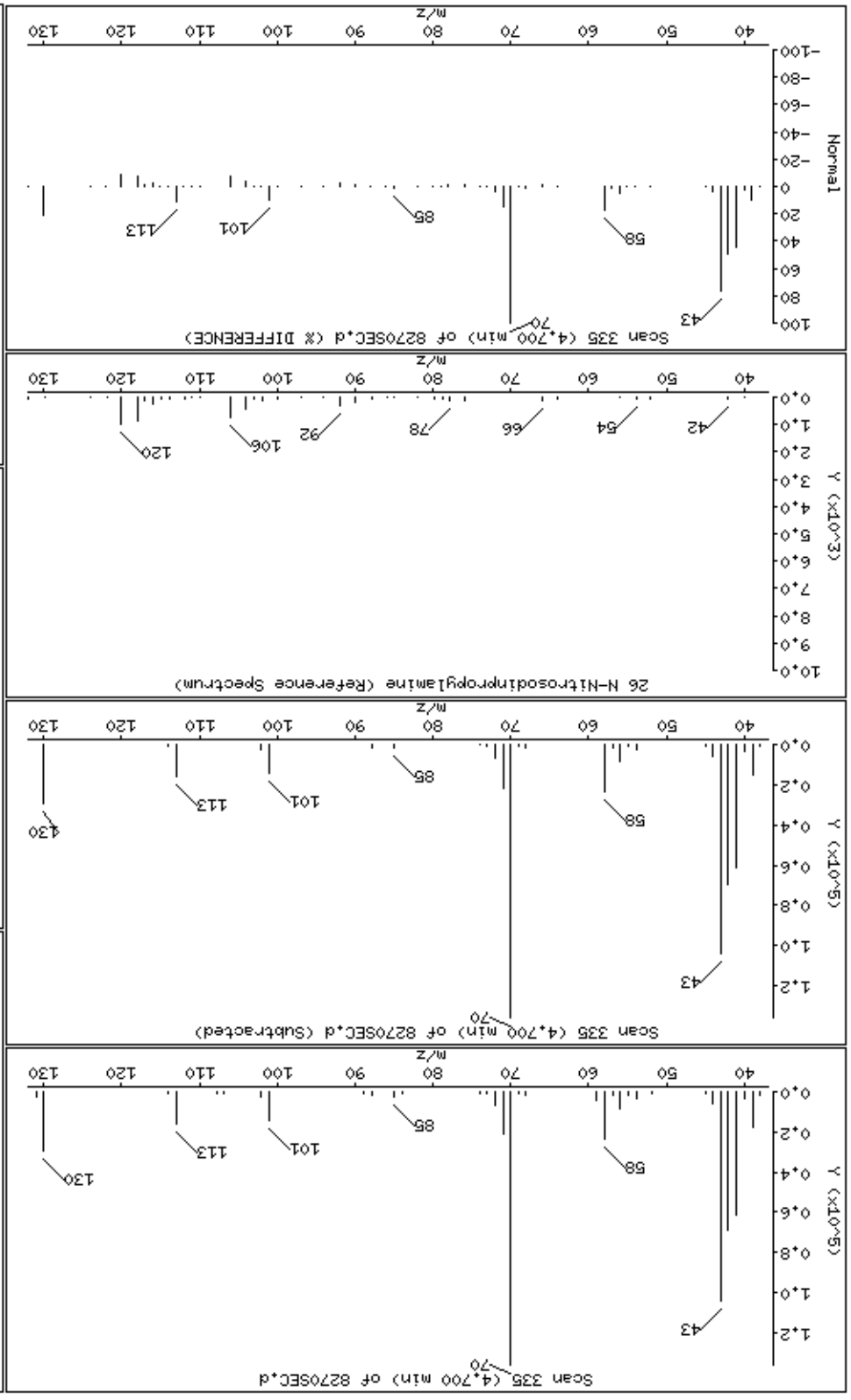
23,2,2'-oxybis(1-chloropropane)

Column phase: HPMS-5









Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

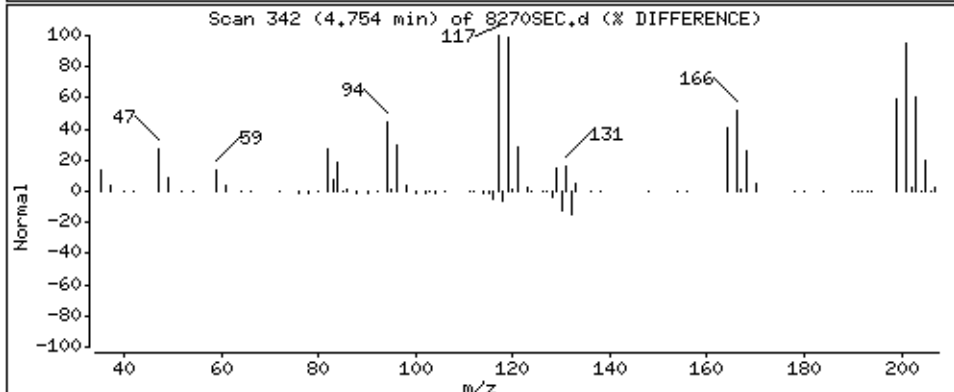
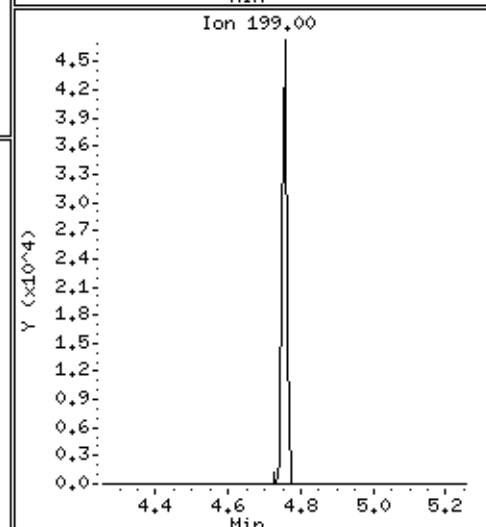
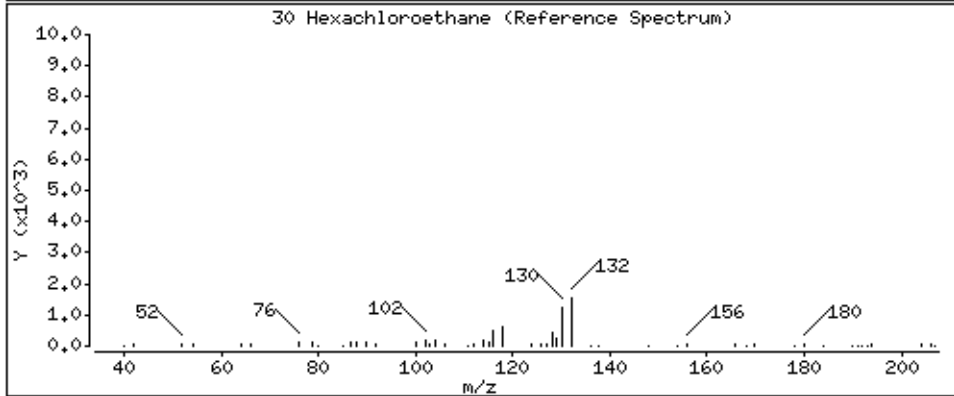
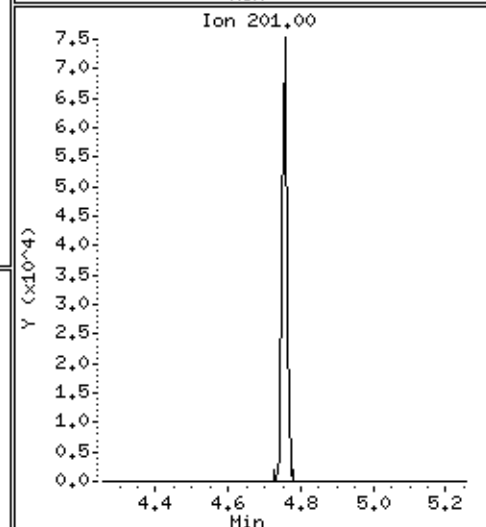
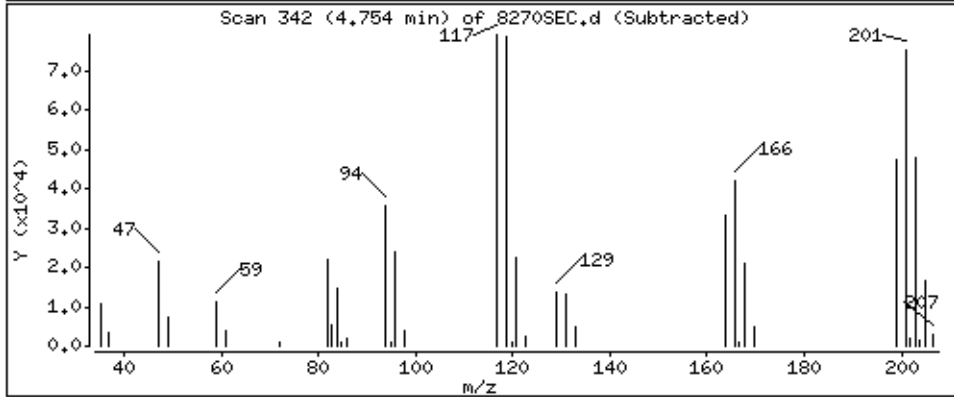
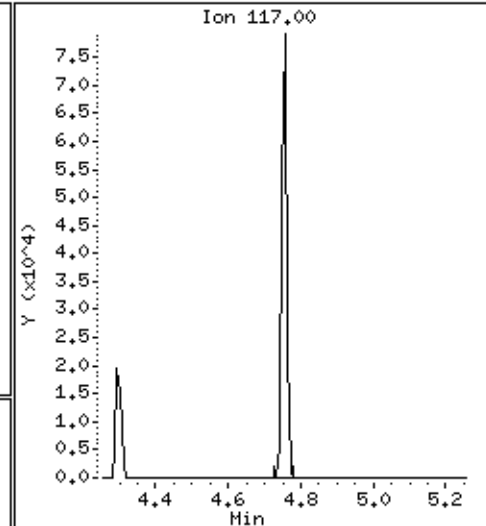
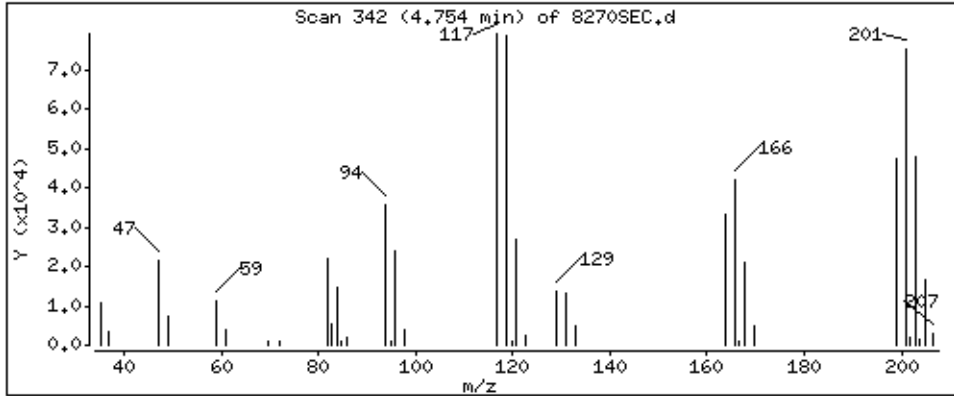
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

30 Hexachloroethane

Concentration: 48.0 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

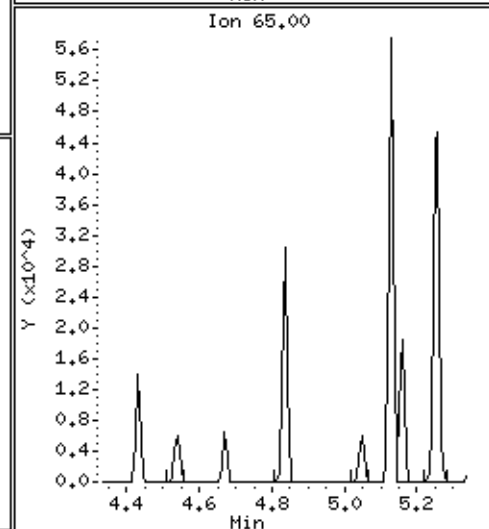
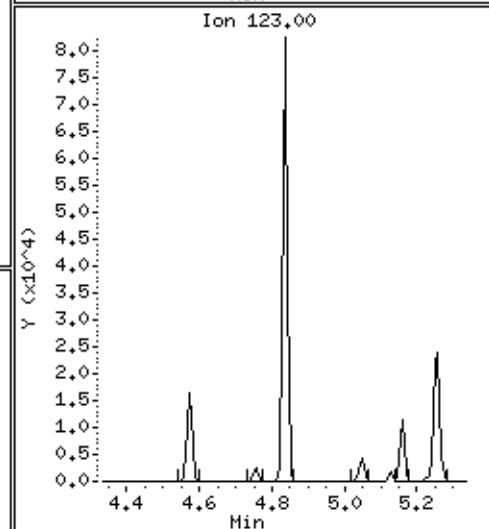
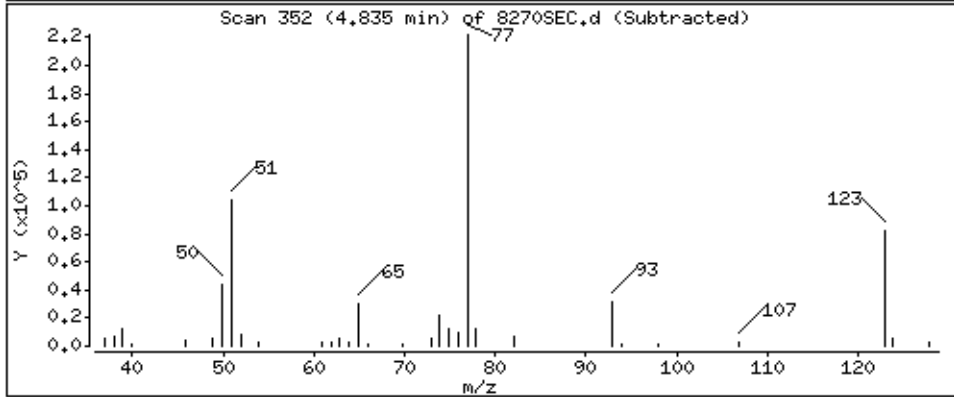
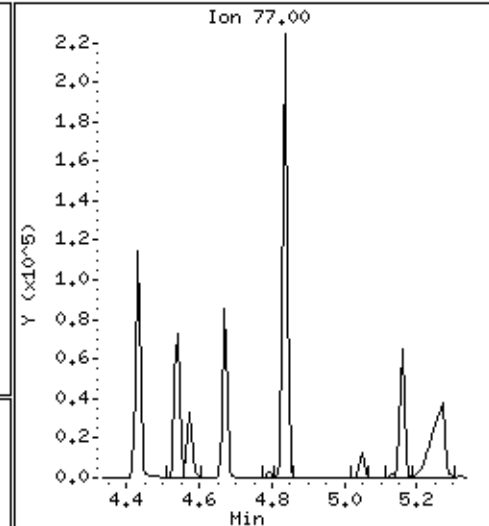
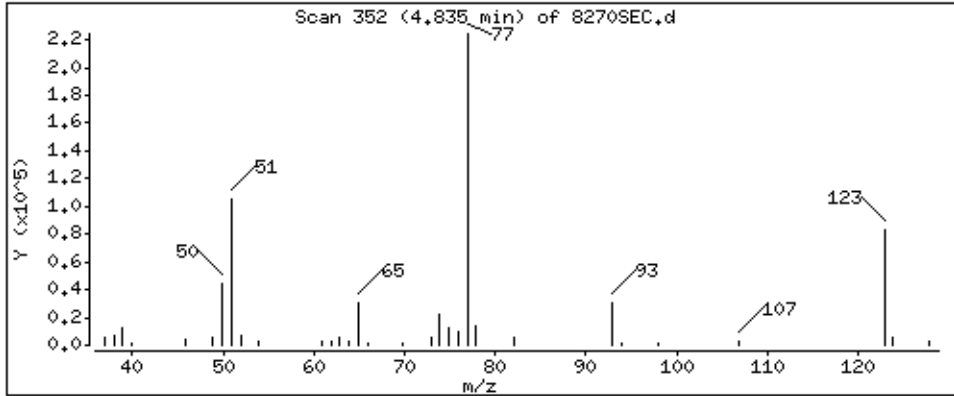
Operator: MJ

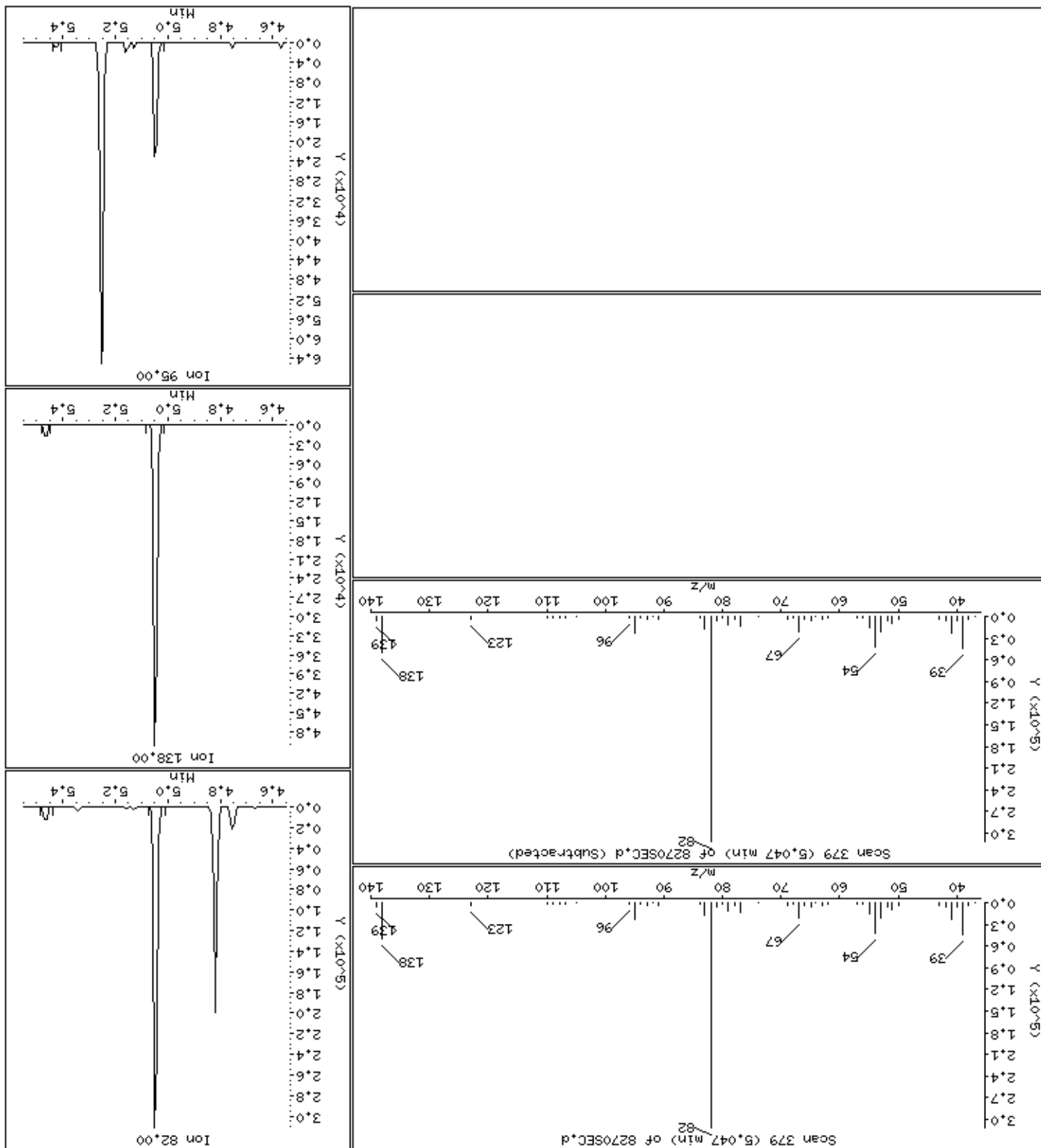
Column phase: HPMS-5

Column diameter: 0.25

32 Nitrobenzene

Concentration: 46.8 ug/kg





Date: 15-NOV-2012 01:07

Client ID: 8270SEC

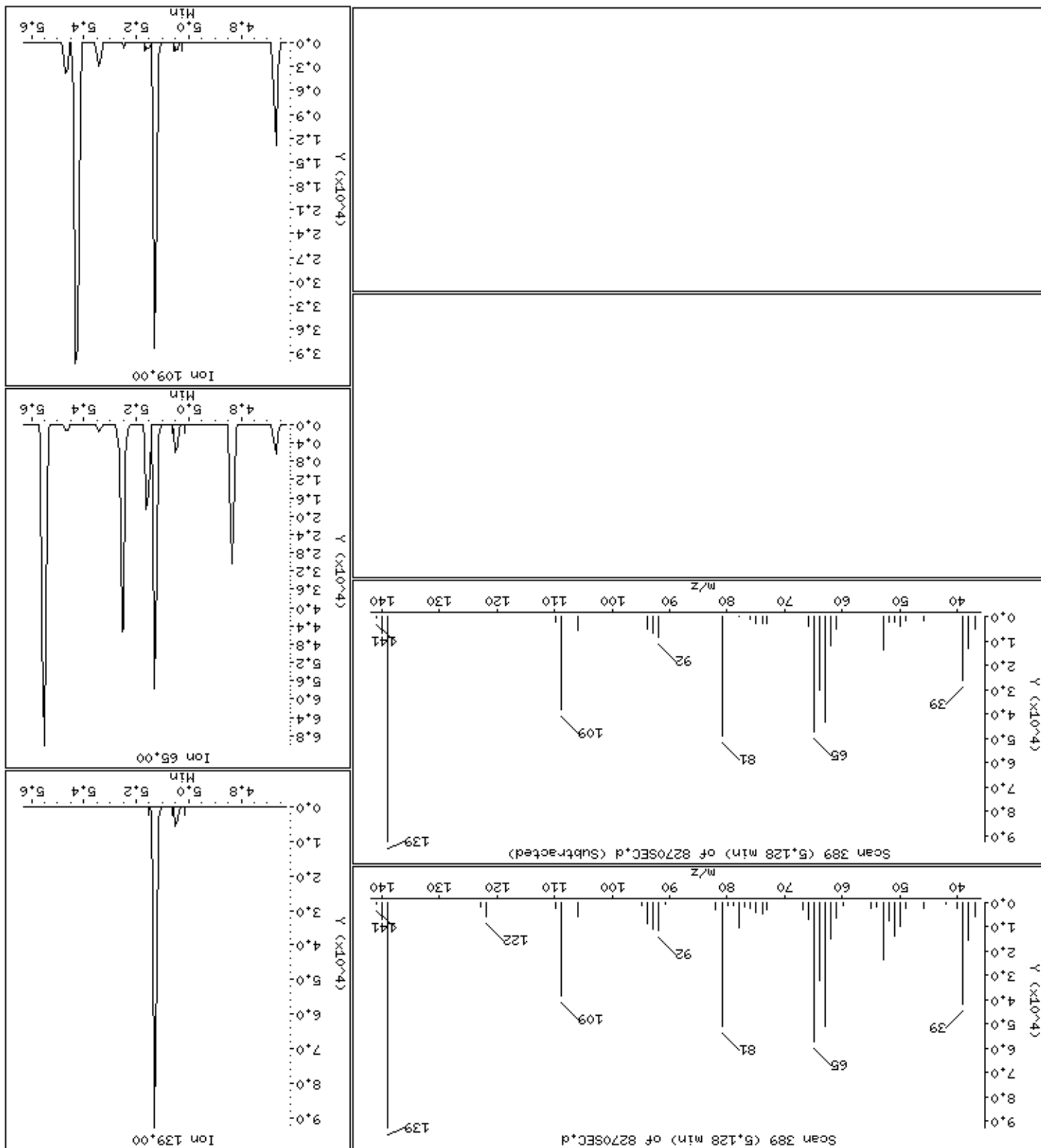
Sample Info: 47770

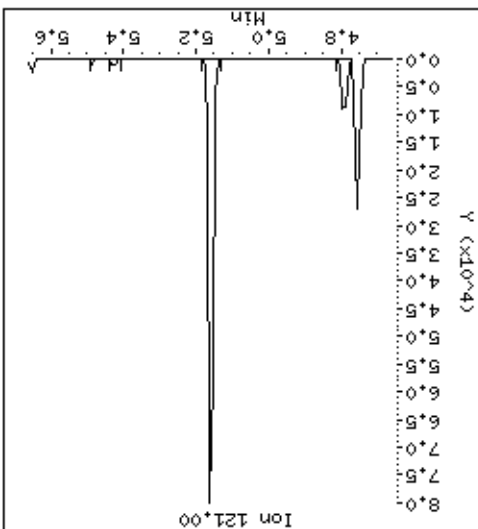
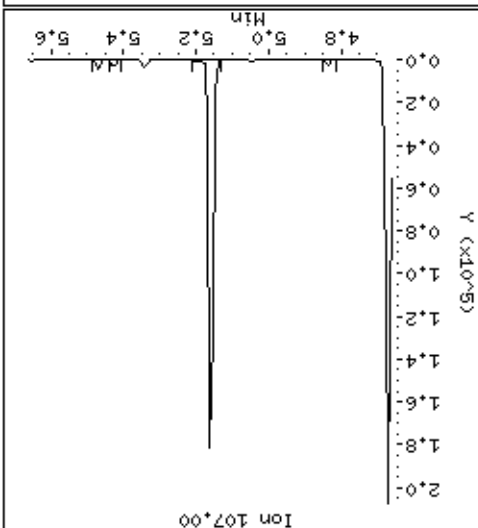
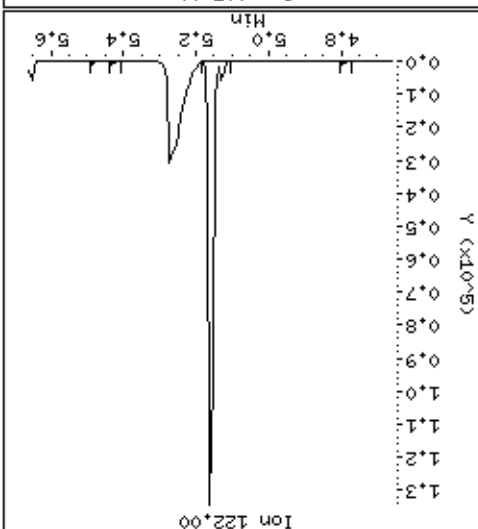
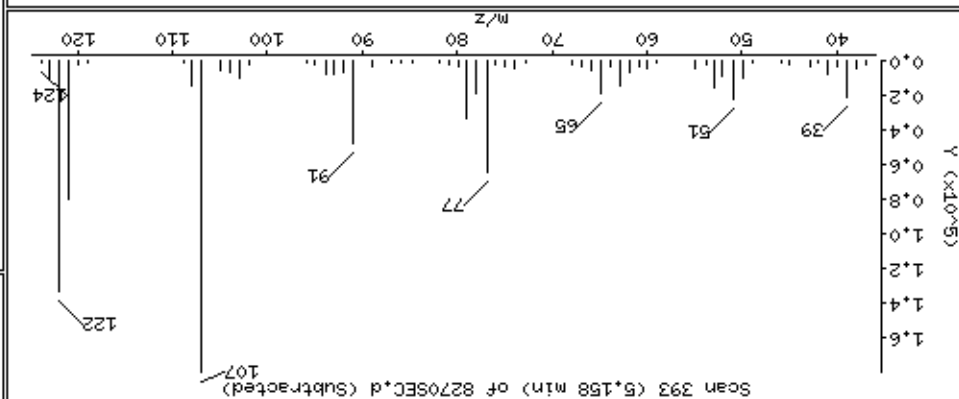
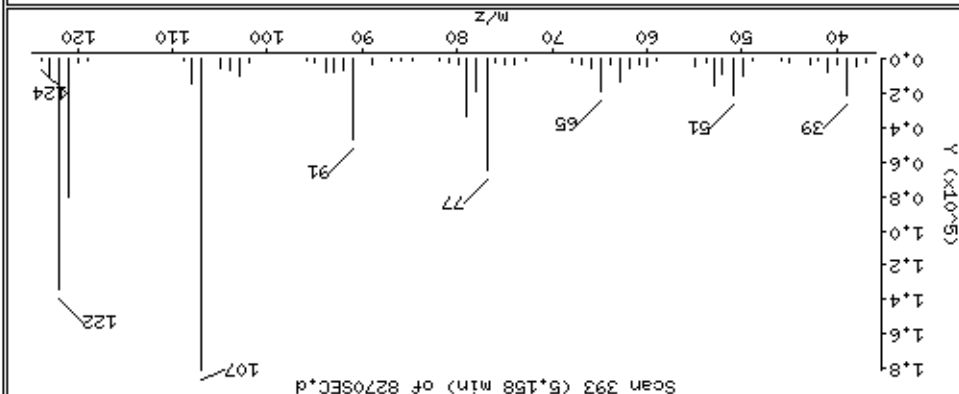
Operator: MJ

Column diameter: 0.25

Concentration: 48.3 ug/kg

35 2-Nitrophenol





Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

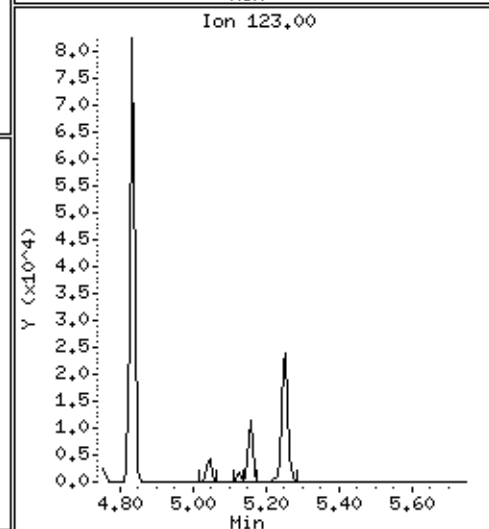
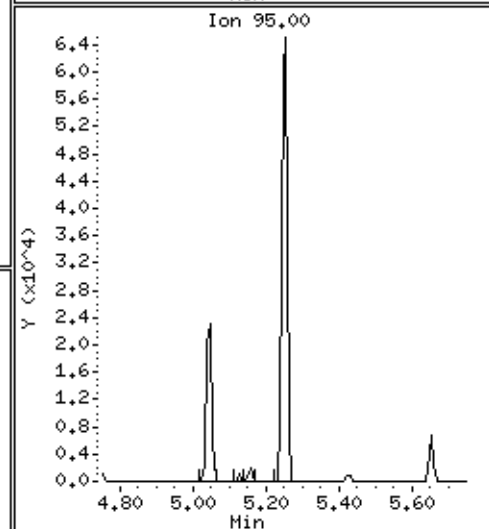
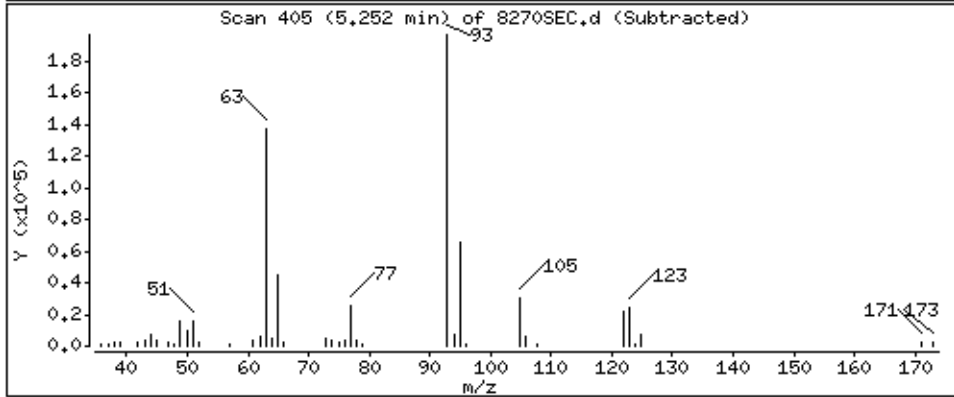
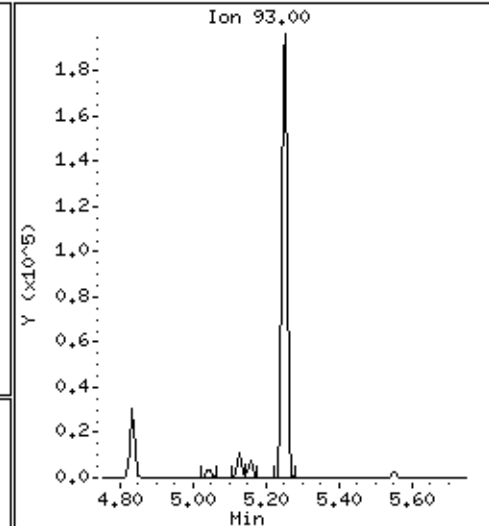
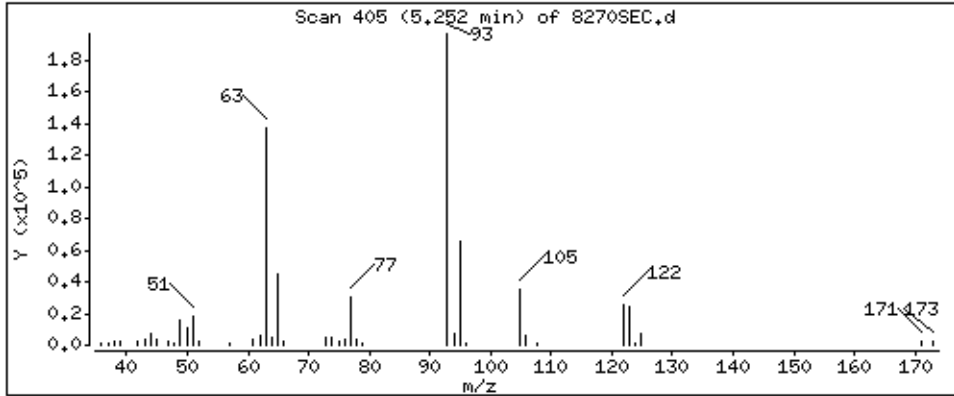
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

38 Bis(2-Chloroethoxy)methane

Concentration: 50.4 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

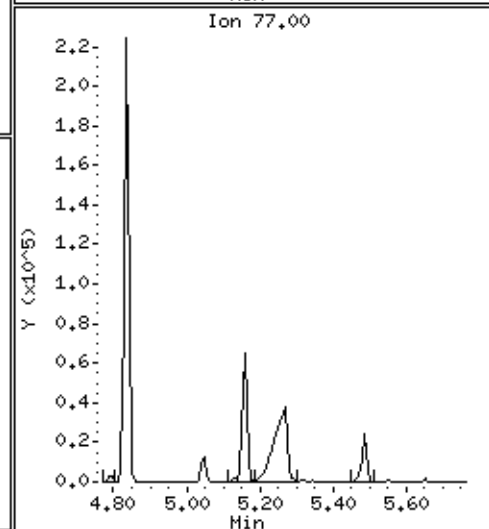
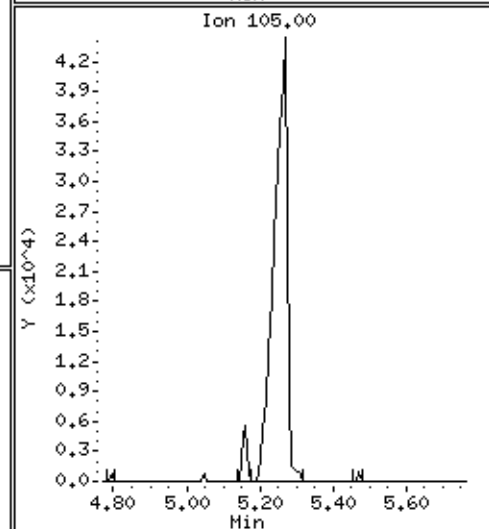
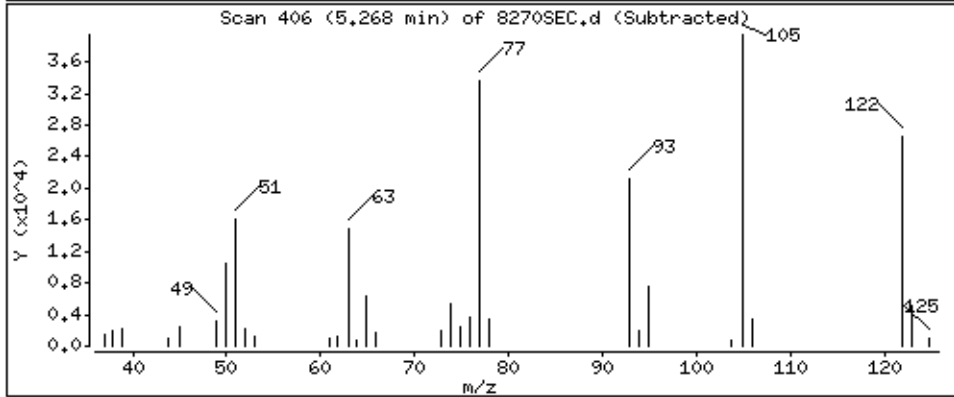
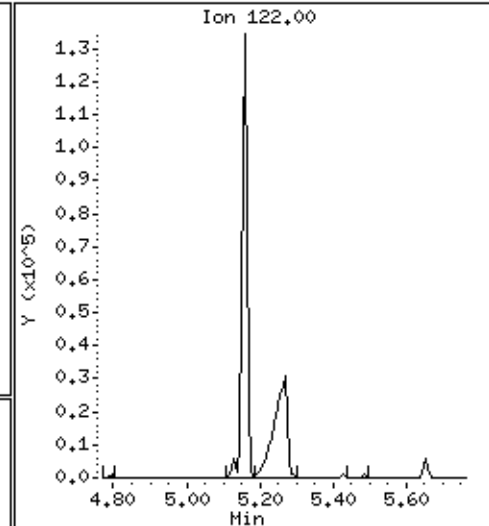
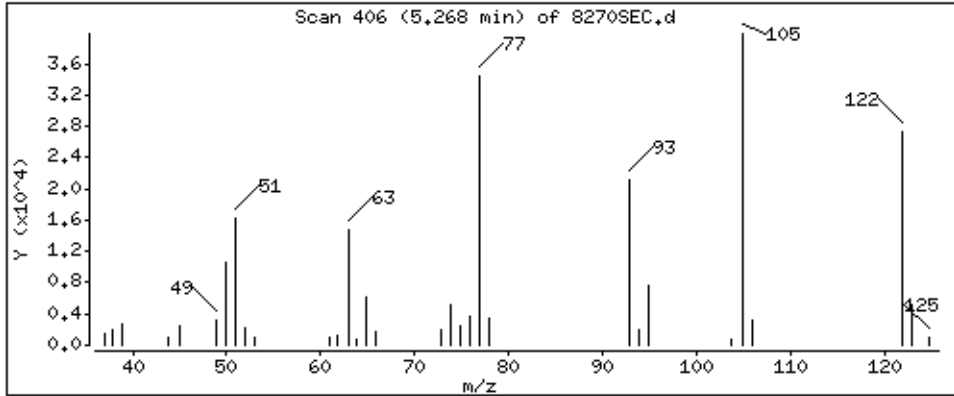
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

40 Benzoic Acid

Concentration: 43,9 ug/kg





Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

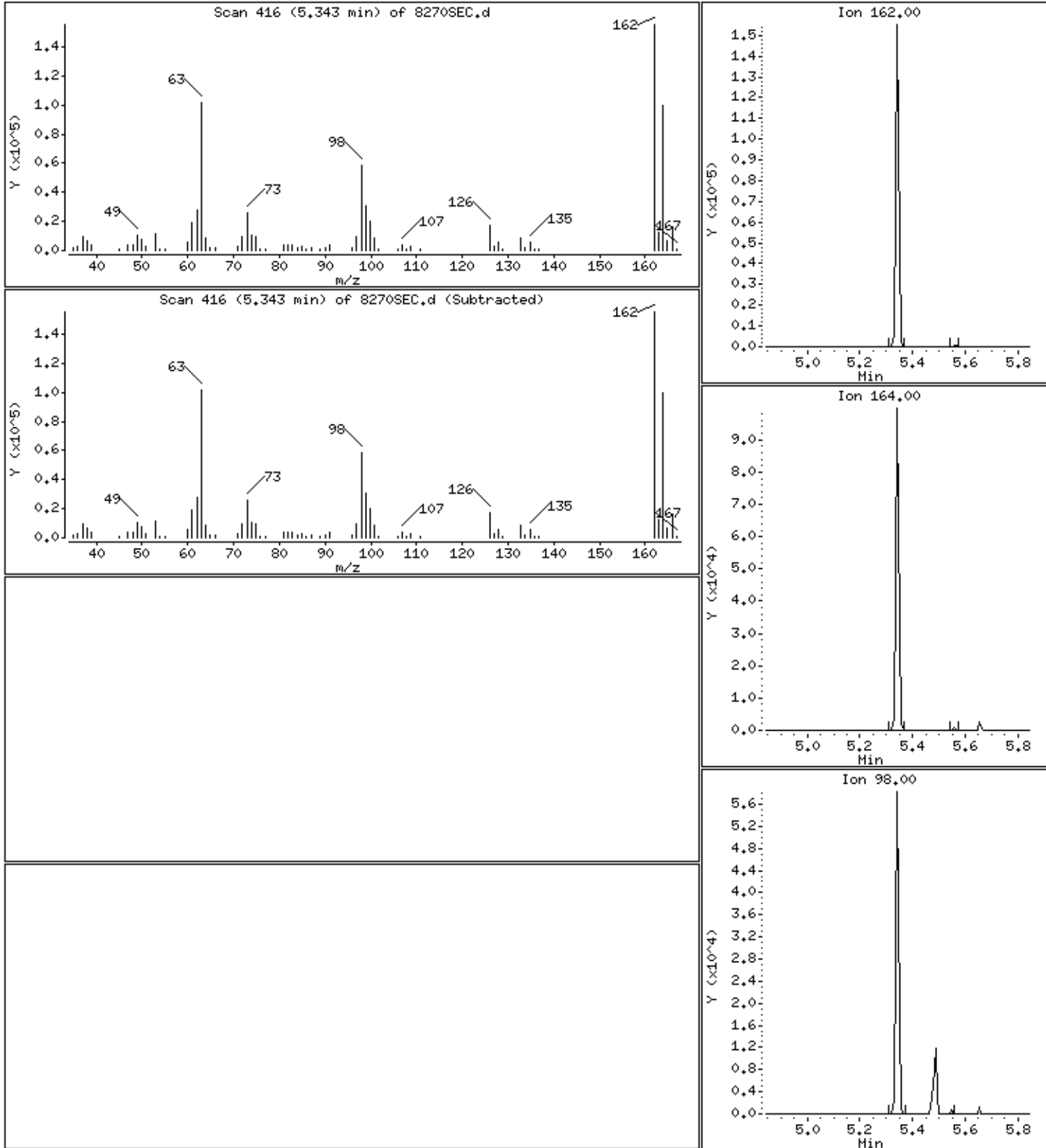
Operator: MJ

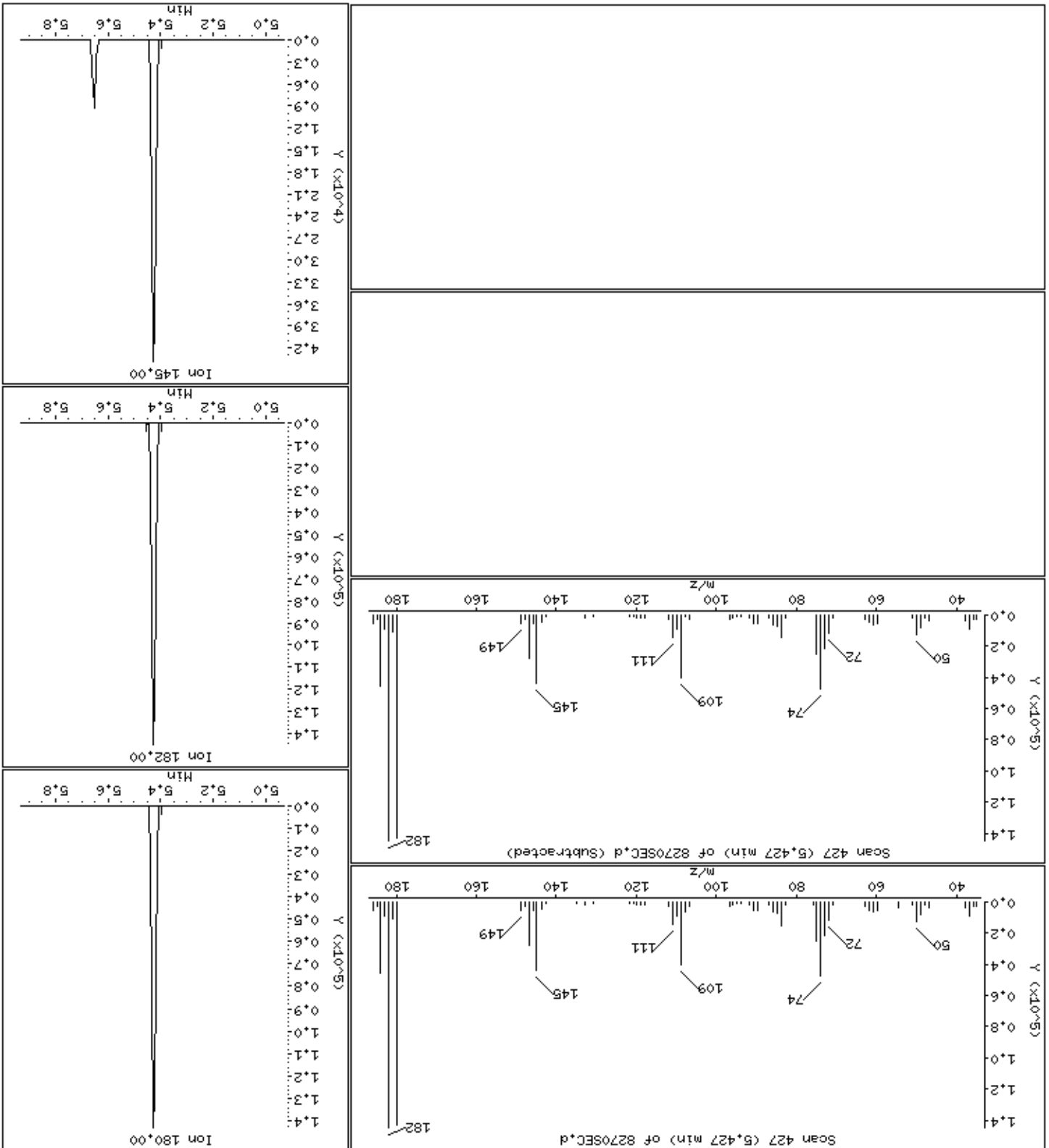
Column phase: HPMS-5

Column diameter: 0,25

41 2,4-Dichlorophenol

Concentration: 46,8 ug/kg





Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

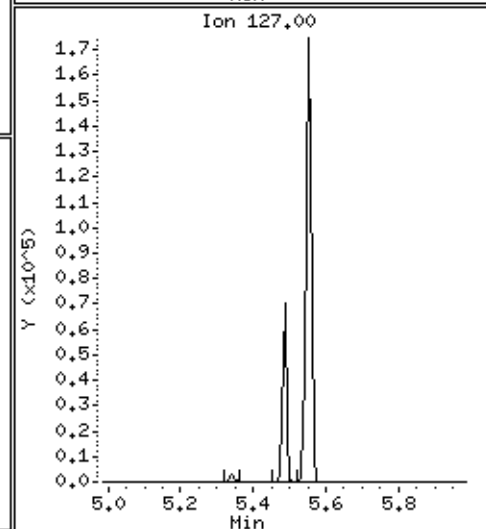
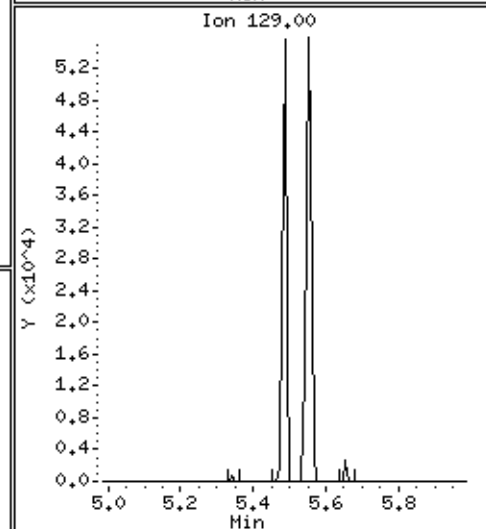
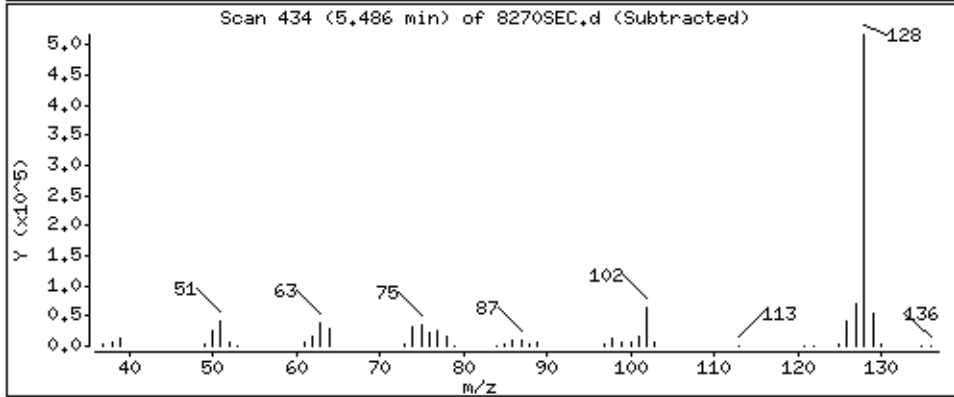
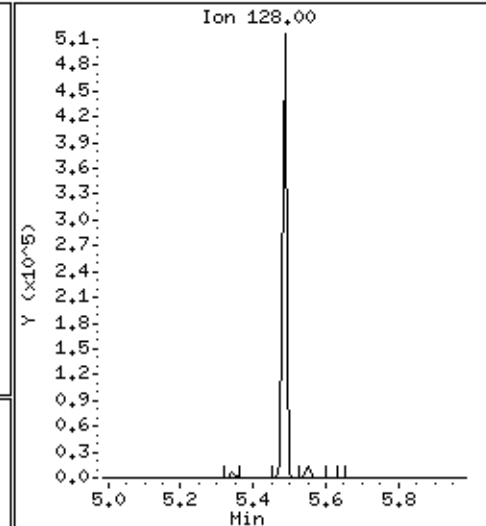
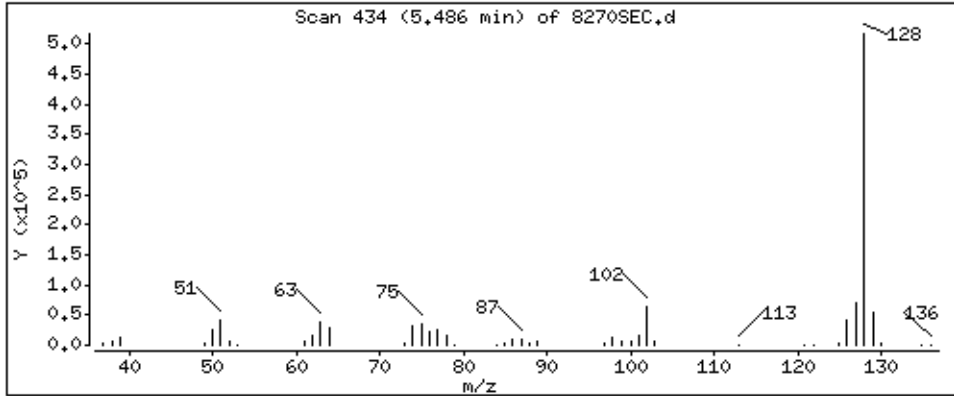
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

44 Naphthalene

Concentration: 48,9 ug/kg



Date: 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.1

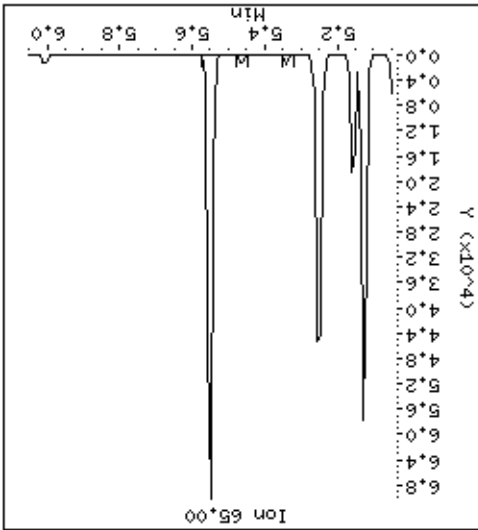
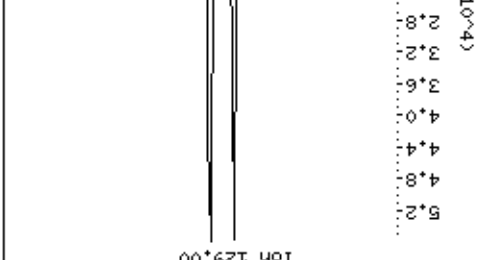
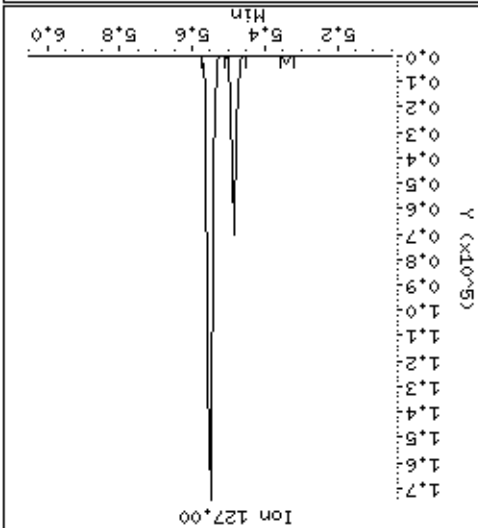
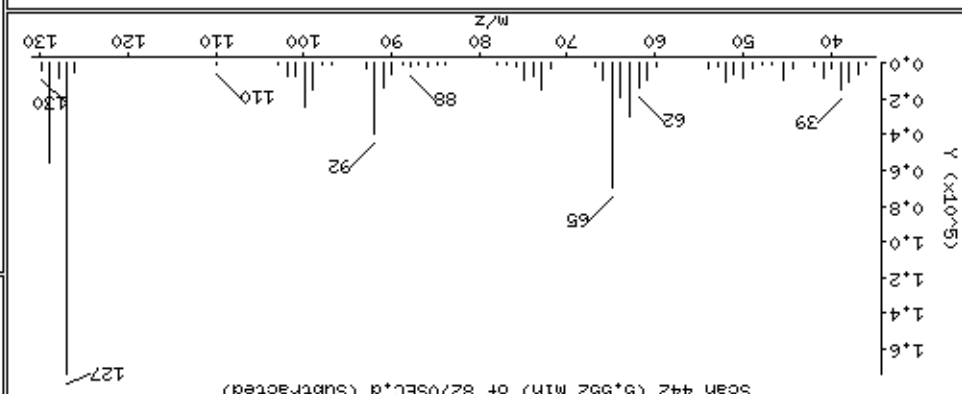
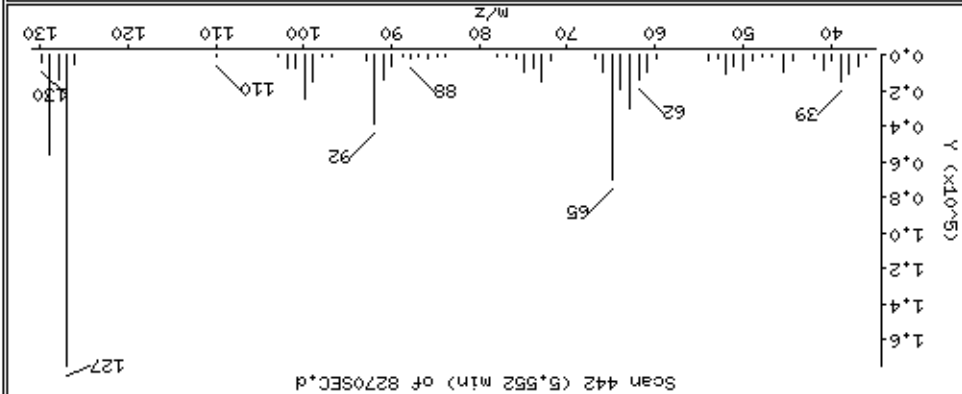
Sample Info: 47770

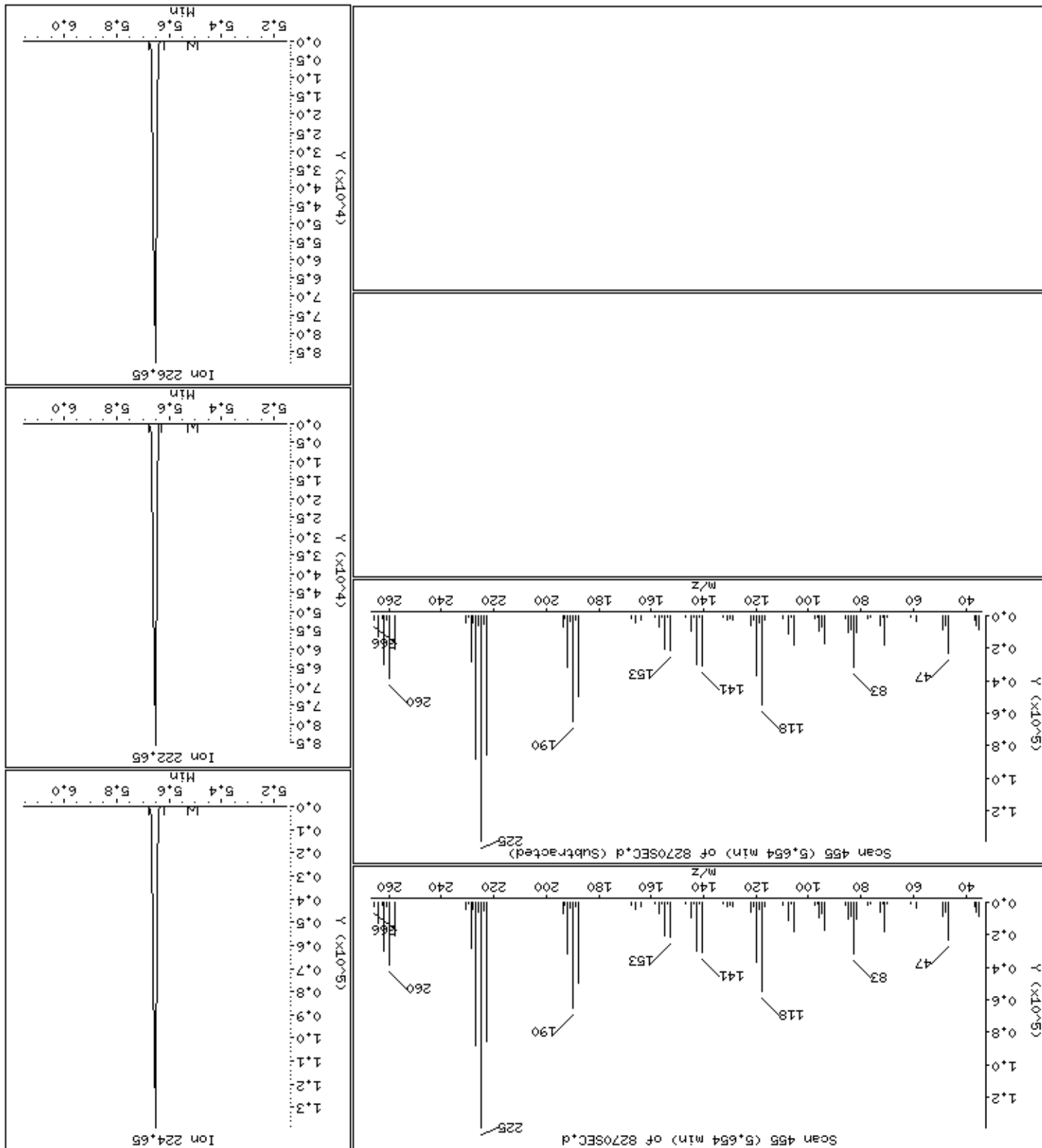
Operator: MJ

Column diameter: 0.25

45-4-Chloroaniline

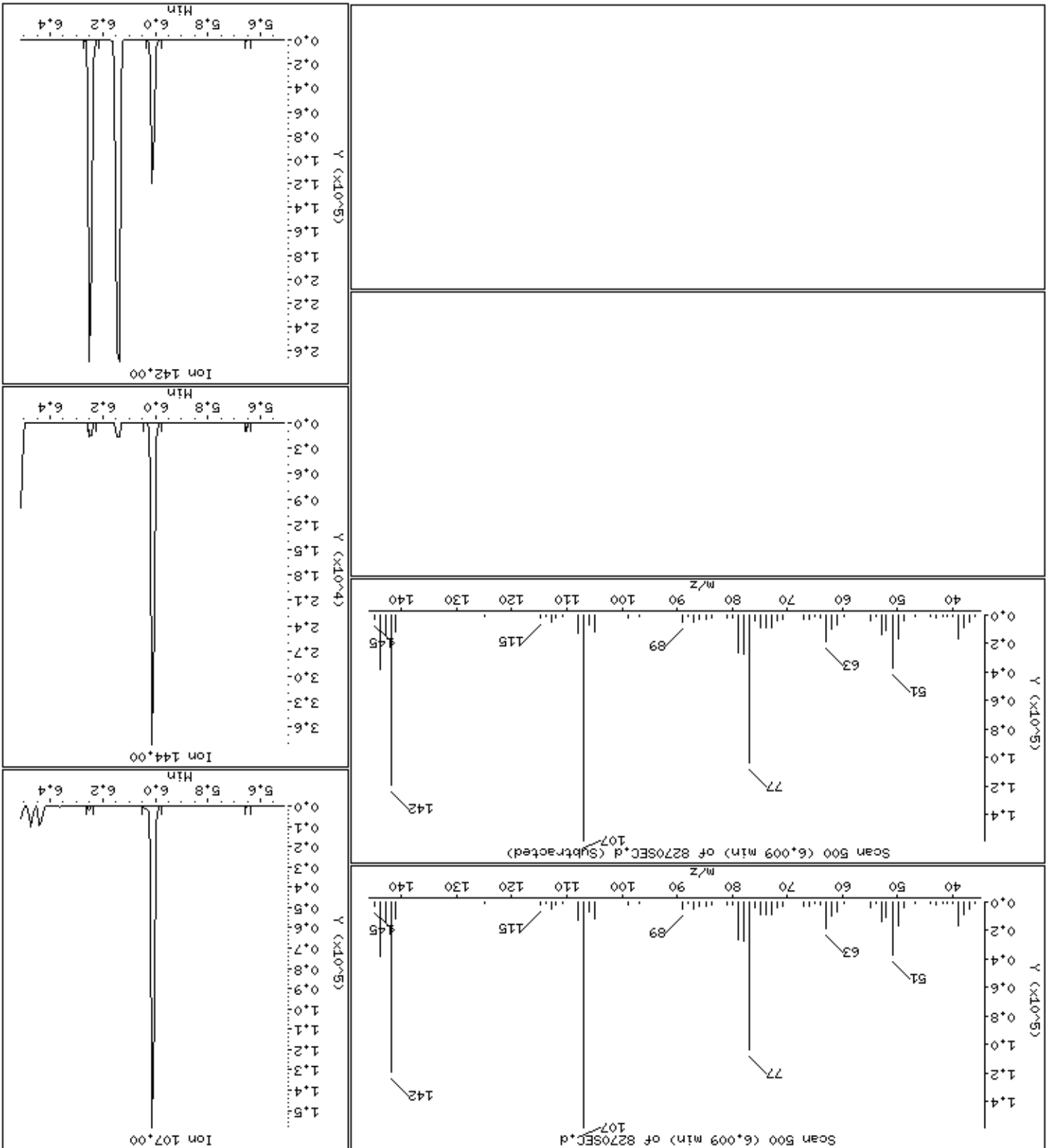
Concentration: 47.3 ug/kg





51-4-Chloro-3-methylphenol

Column phase: HPMS-5



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

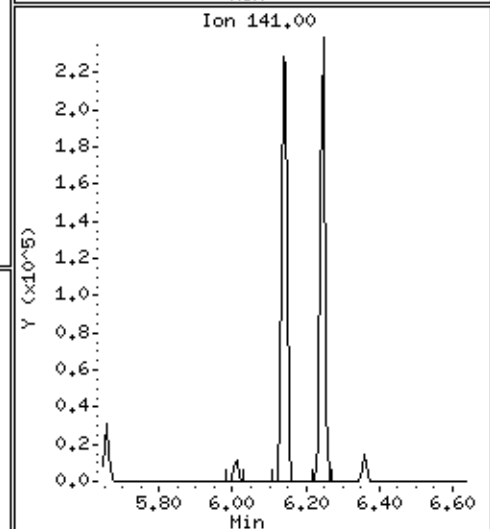
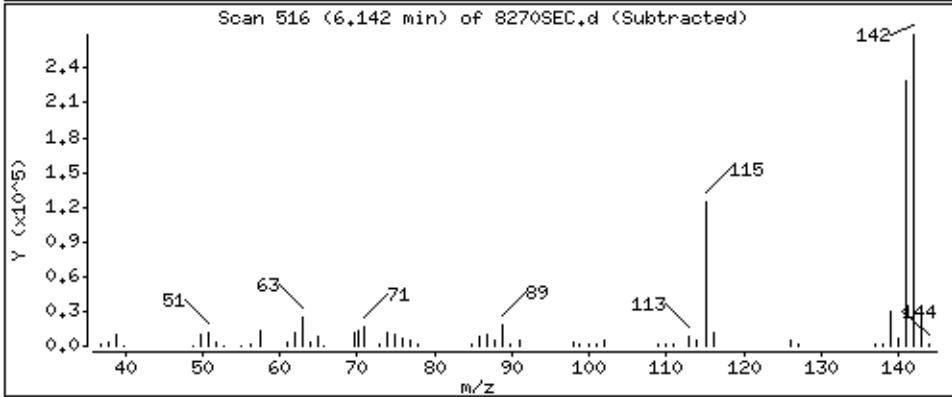
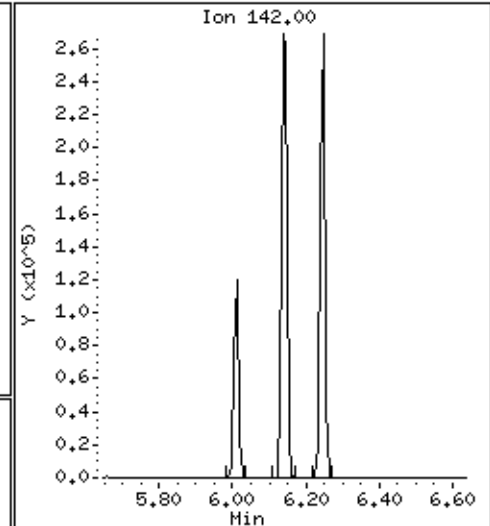
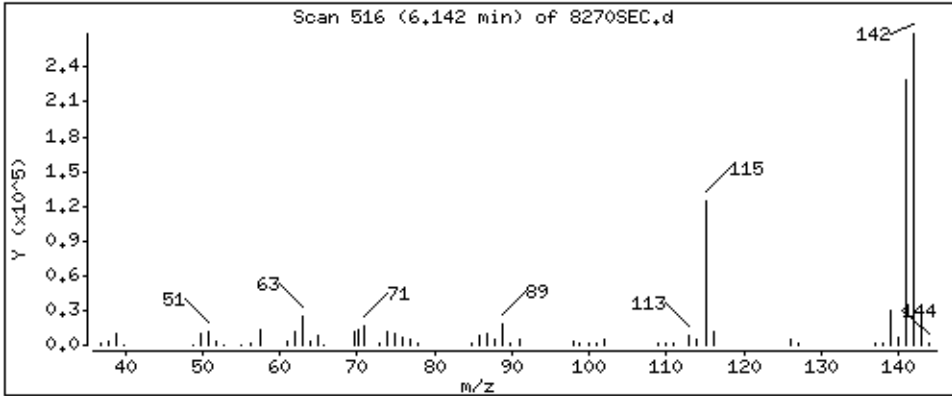
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

53 2-Methylnaphthalene

Concentration: 48,6 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

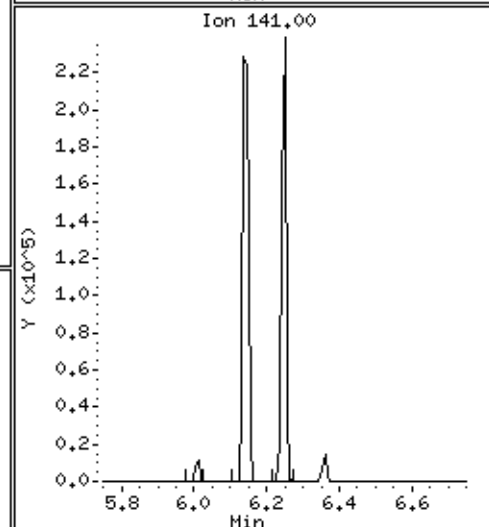
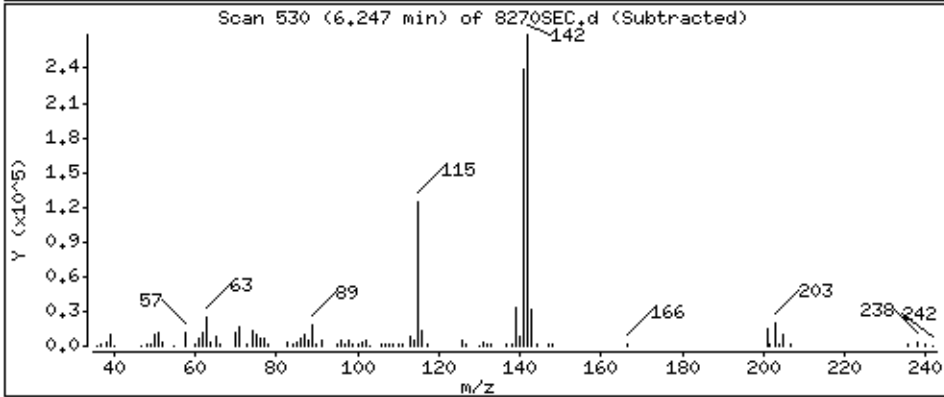
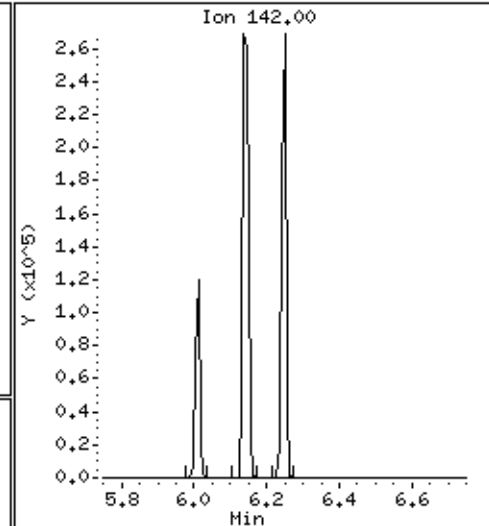
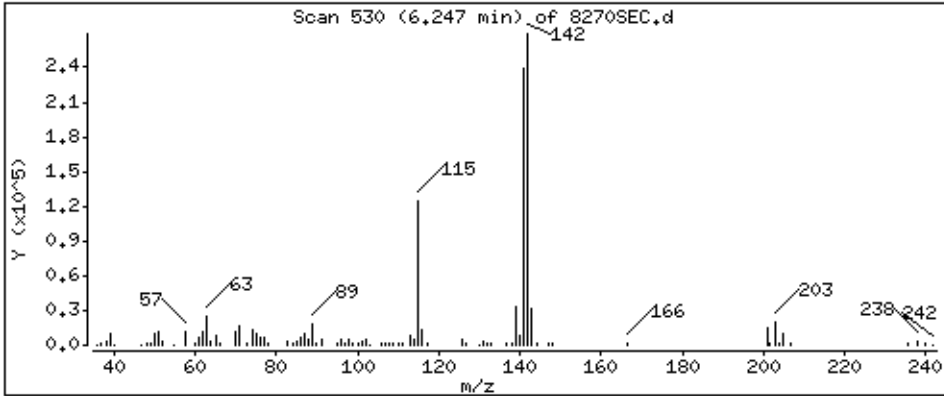
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

54 1-Methylnaphthalene

Concentration: 45,1 ug/kg





Date: 15-NOV-2012 01:07

Client ID: 8270SEC

Sample Info: 47770

Operator: MJ

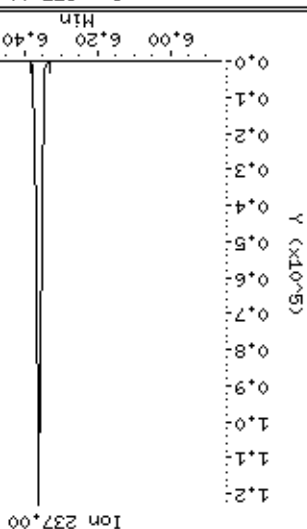
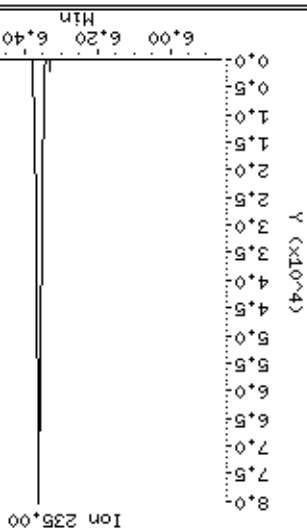
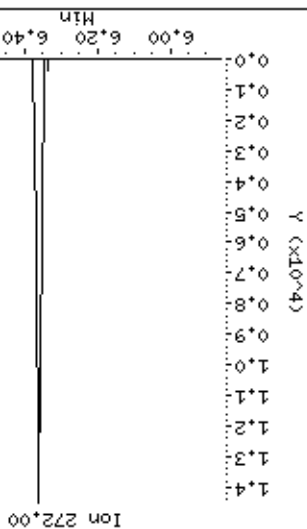
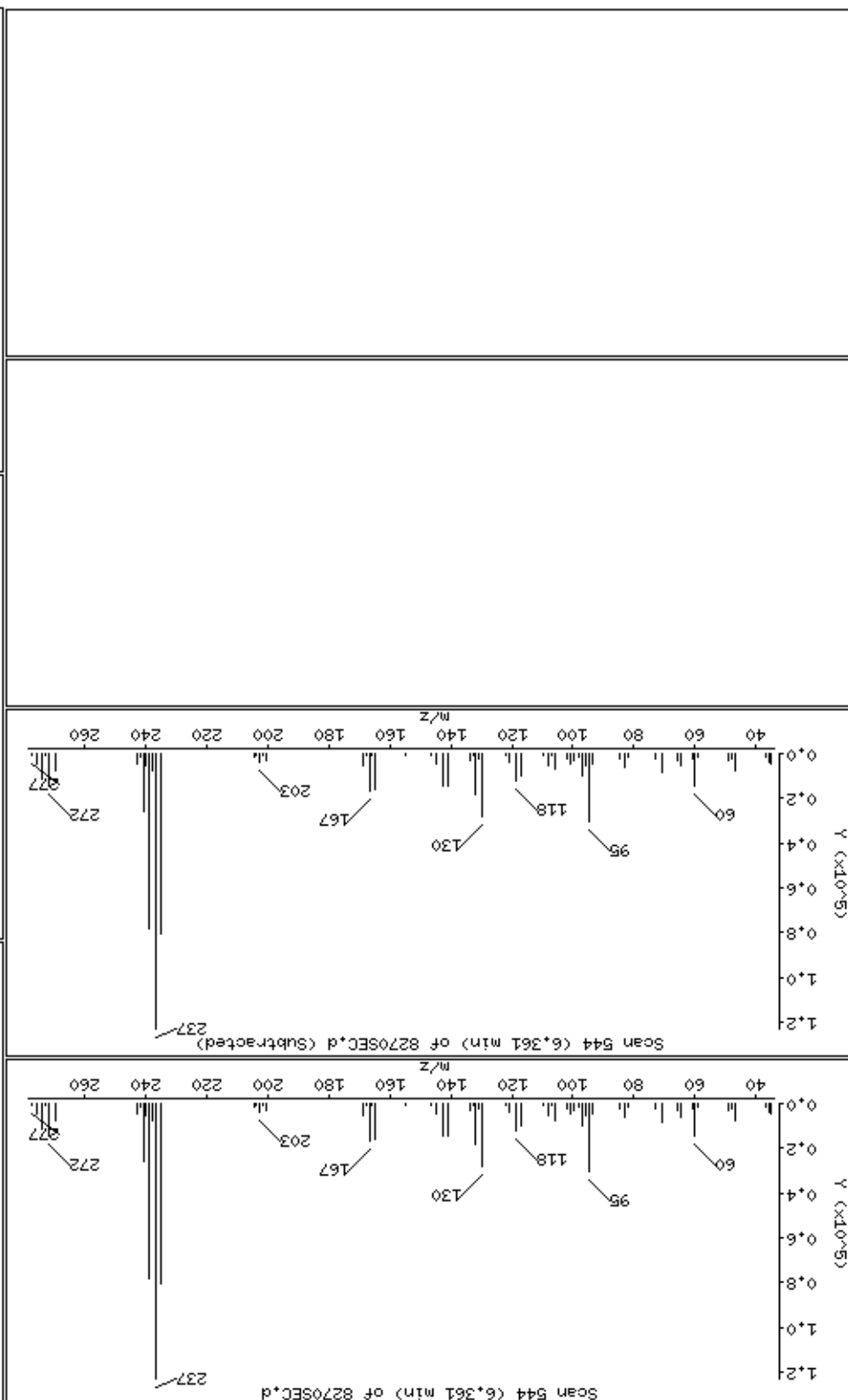
Column diameter: 0.25

Concentration: 45.4 ug/kg

Instrument: smsd04.1

55 Hexachlorocyclopentadiene

Column phase: HPMS-5



Date: 15-NOV-2012 01:07

Client ID: 8270SEC

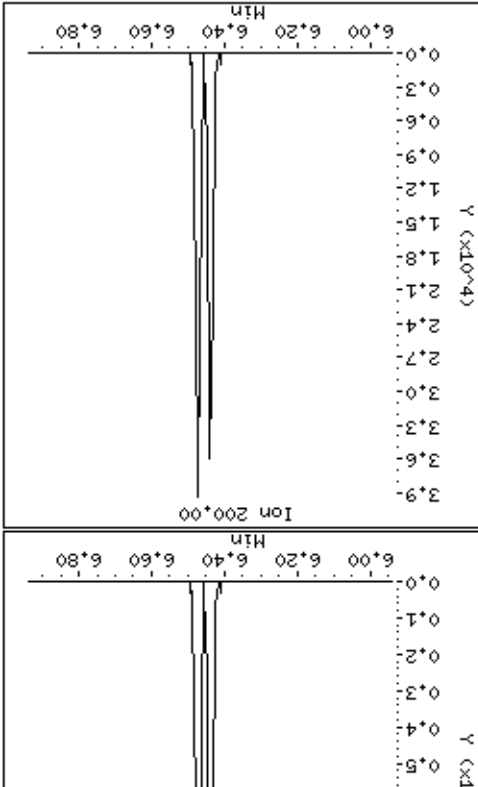
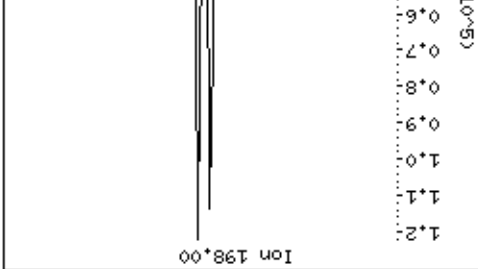
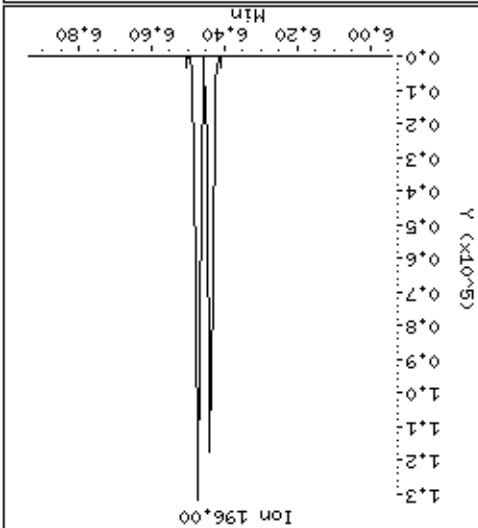
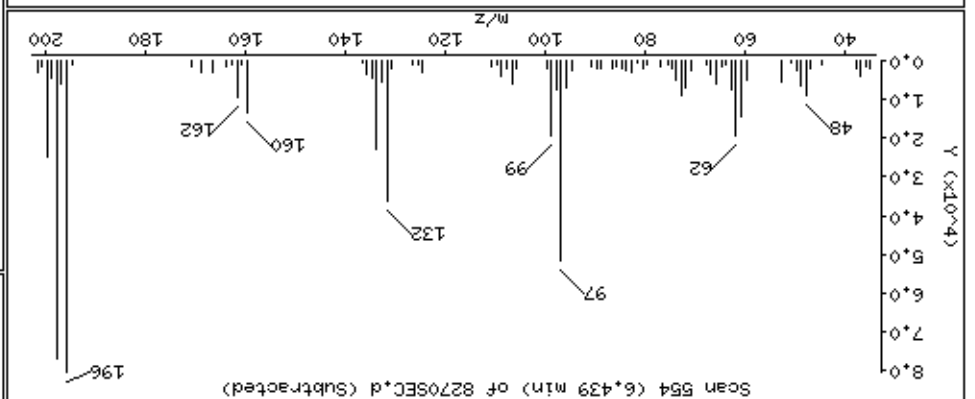
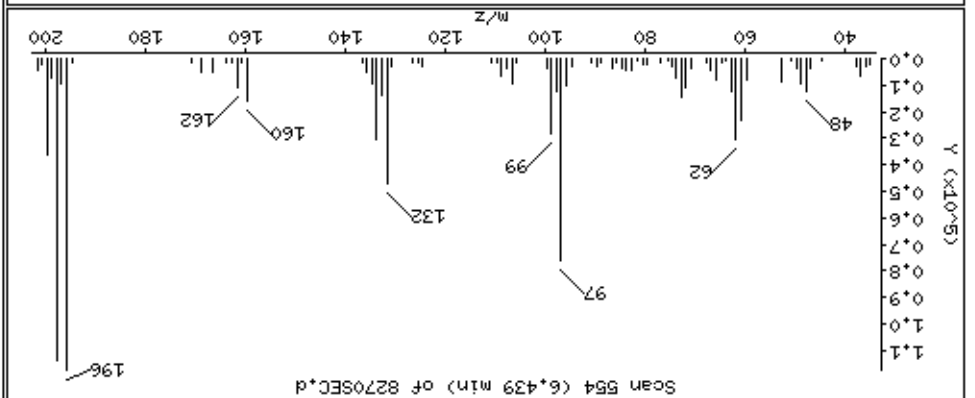
Sample Info: 47770

Operator: MJ

Column diameter: 0.25

Concentration: 47.6 ug/kg

57 2,4,6-Trichlorophenol



Date: 15-NOV-2012 01:07

Client ID: 8270SEC

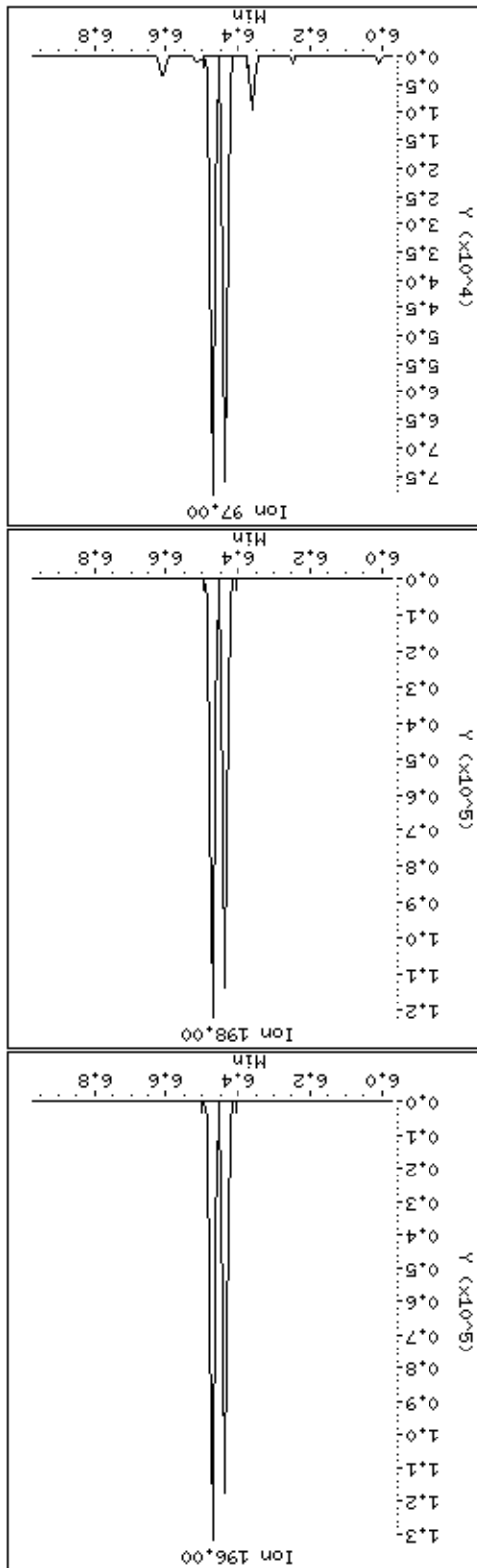
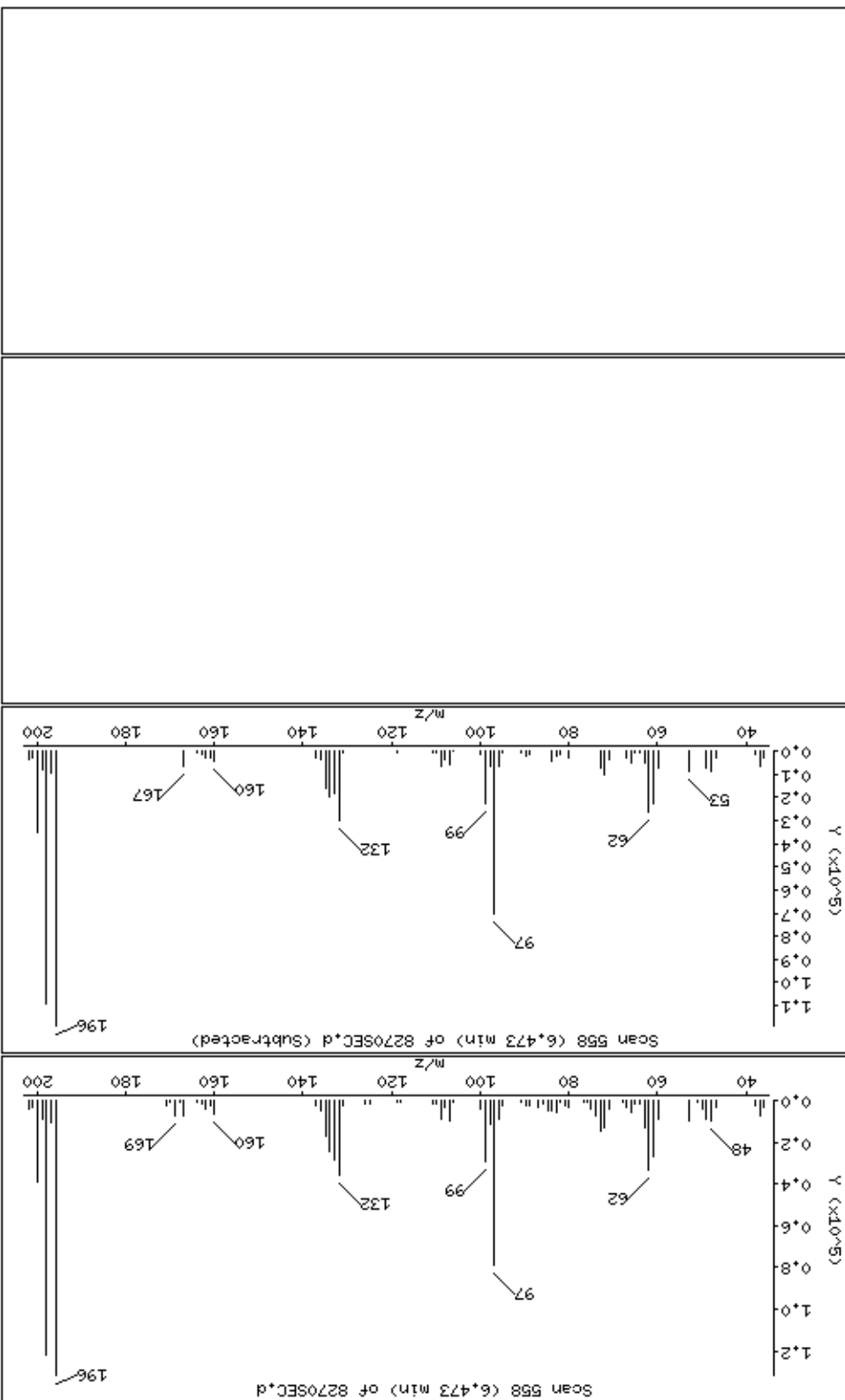
Sample Info: 47770

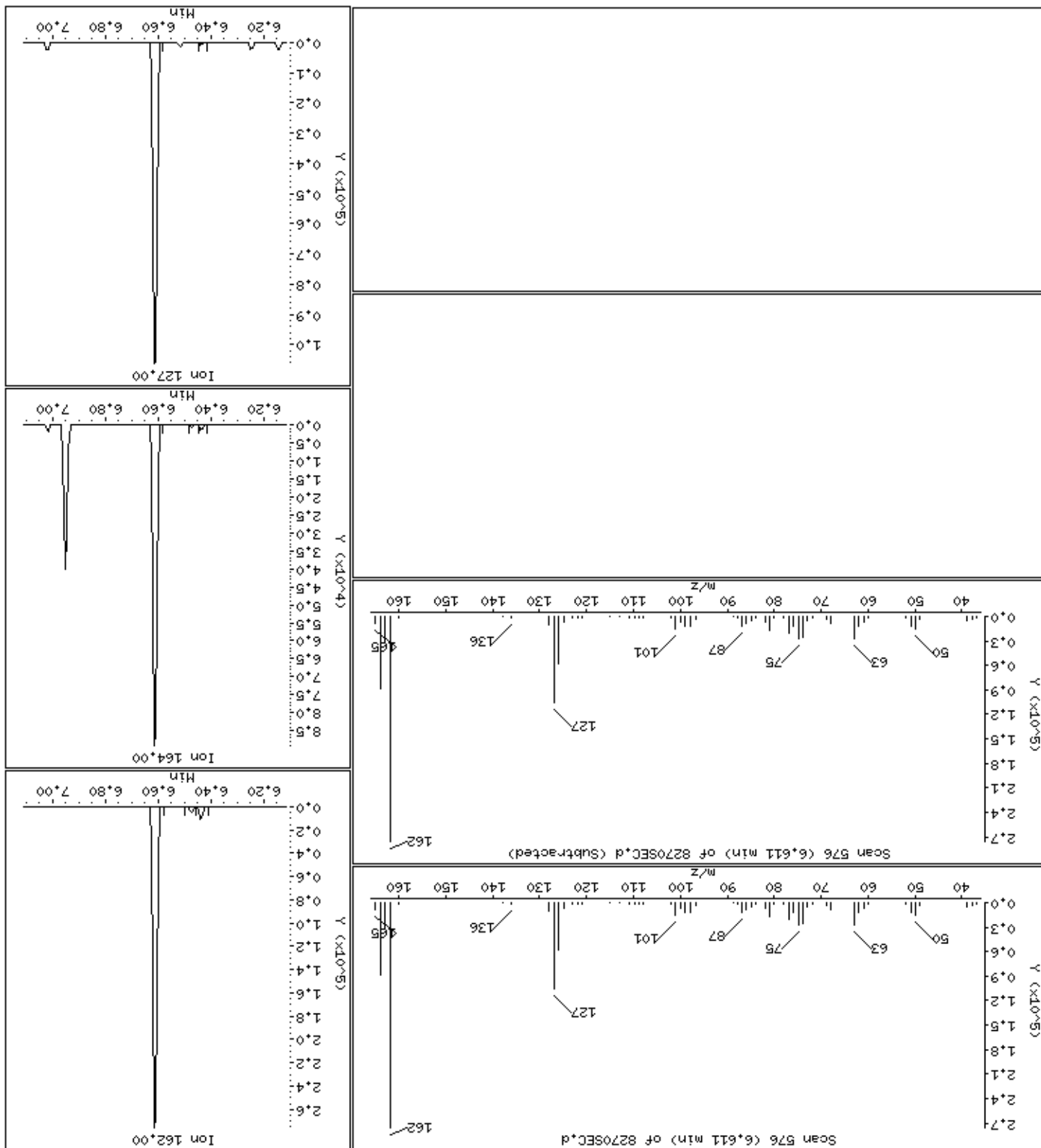
Operator: MJ

Column diameter: 0.25

Concentration: 48.8 ug/kg

58 2,4,5-Trichlorophenol





Date: 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.1

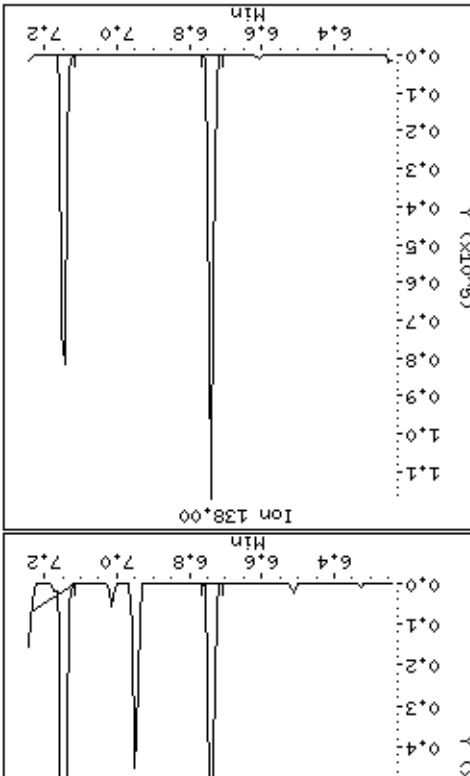
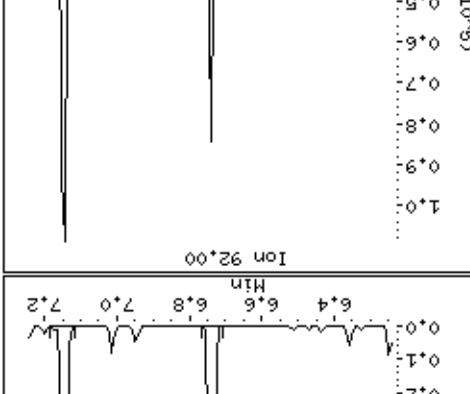
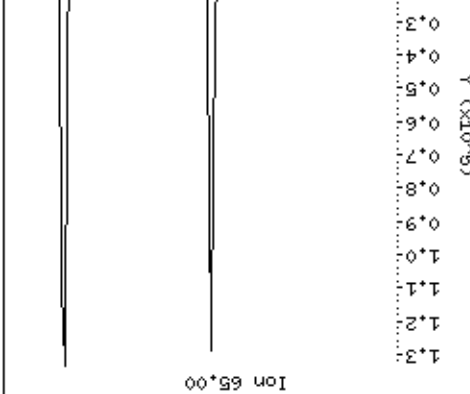
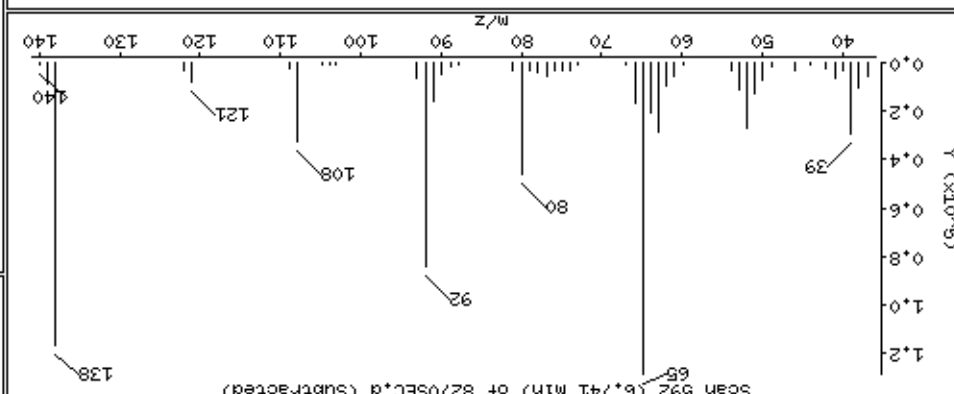
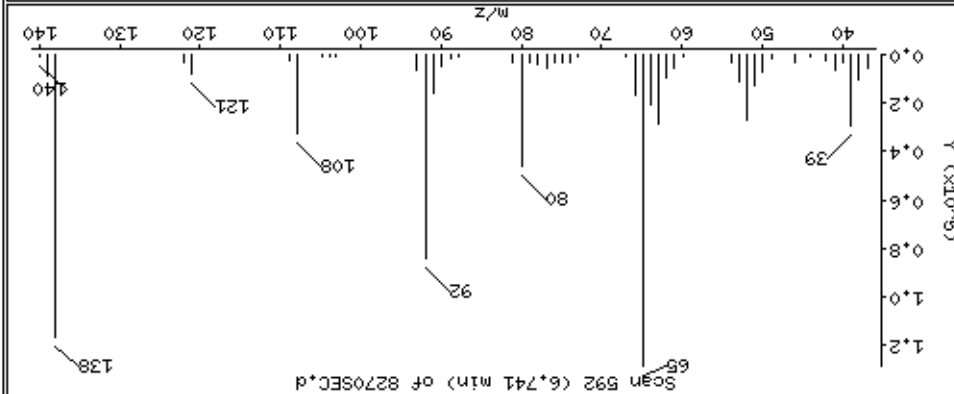
Sample Info: 47770

Operator: MJ

Column diameter: 0.25

63 2-Nitroaniline

Concentration: 53.3 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

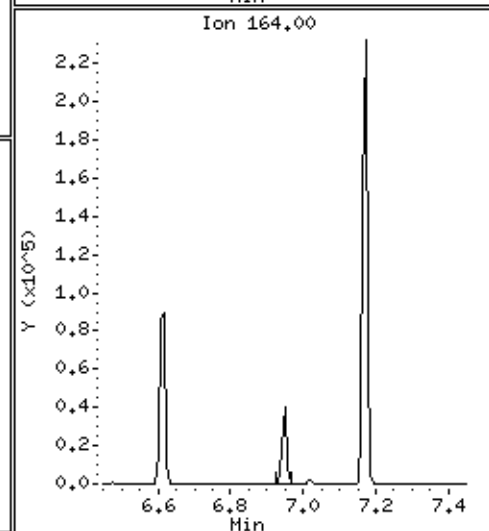
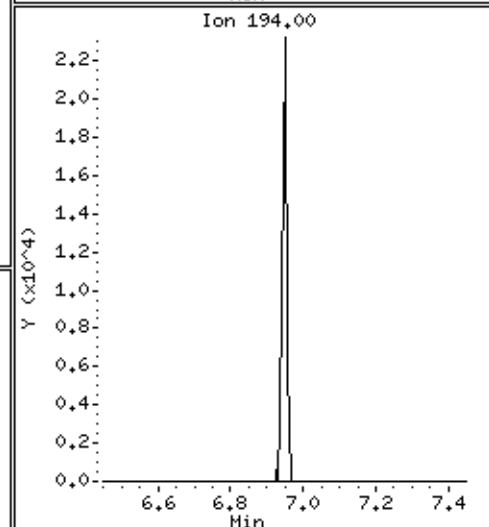
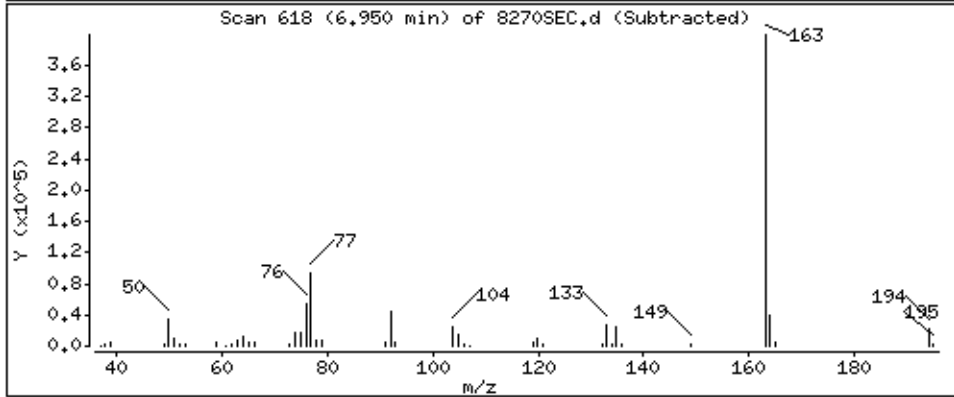
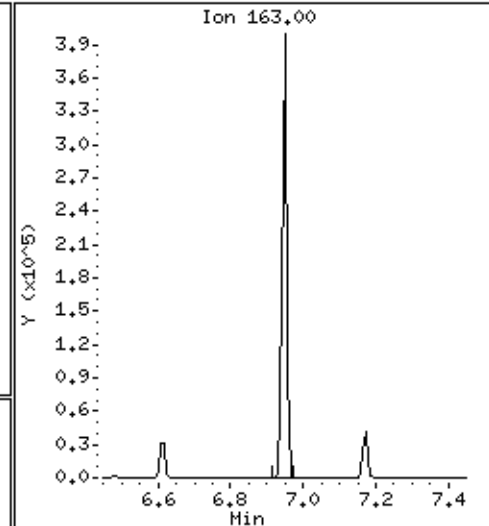
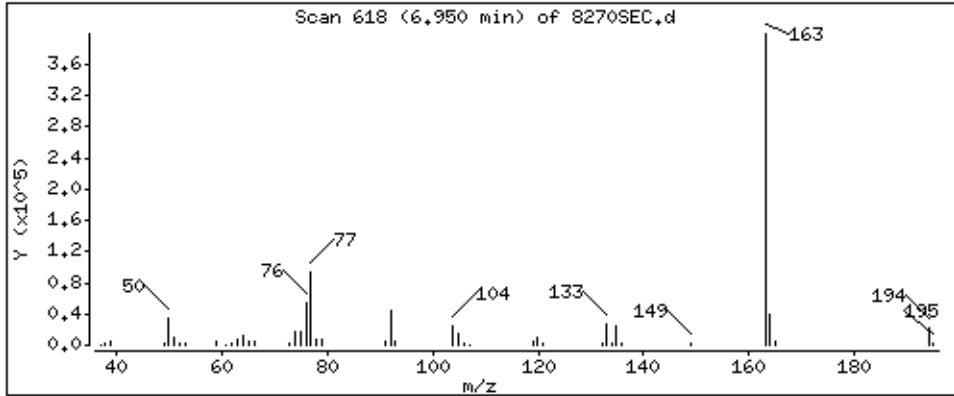
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

65 Dimethylphthalate

Concentration: 49,2 ug/kg



Date: 15-NOV-2012 01:07

Client ID: 8270SEC

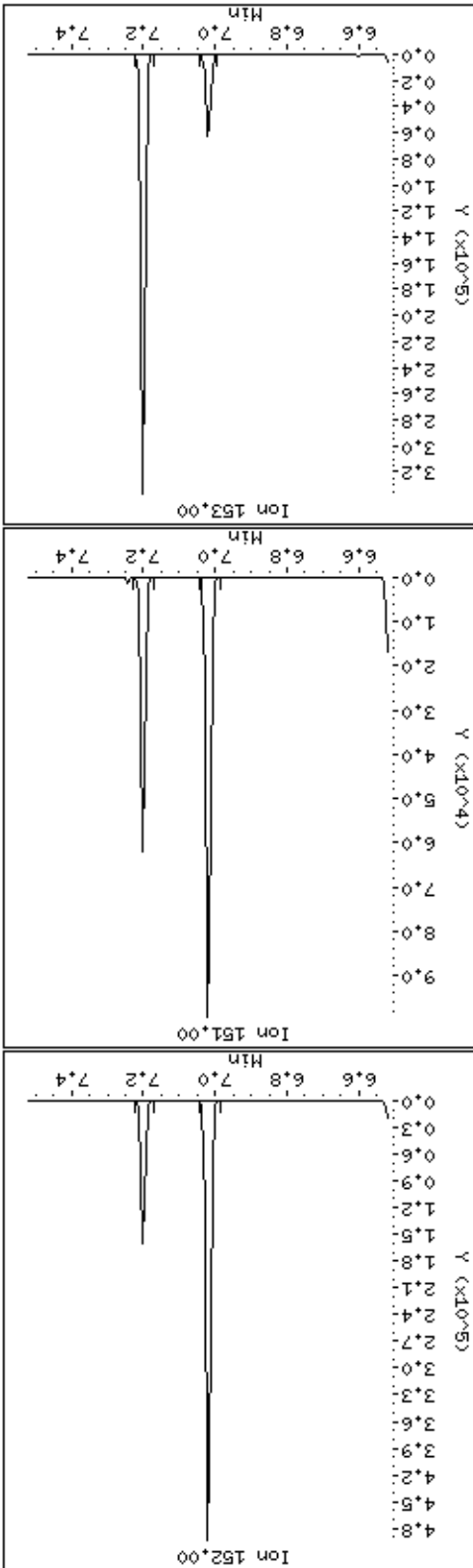
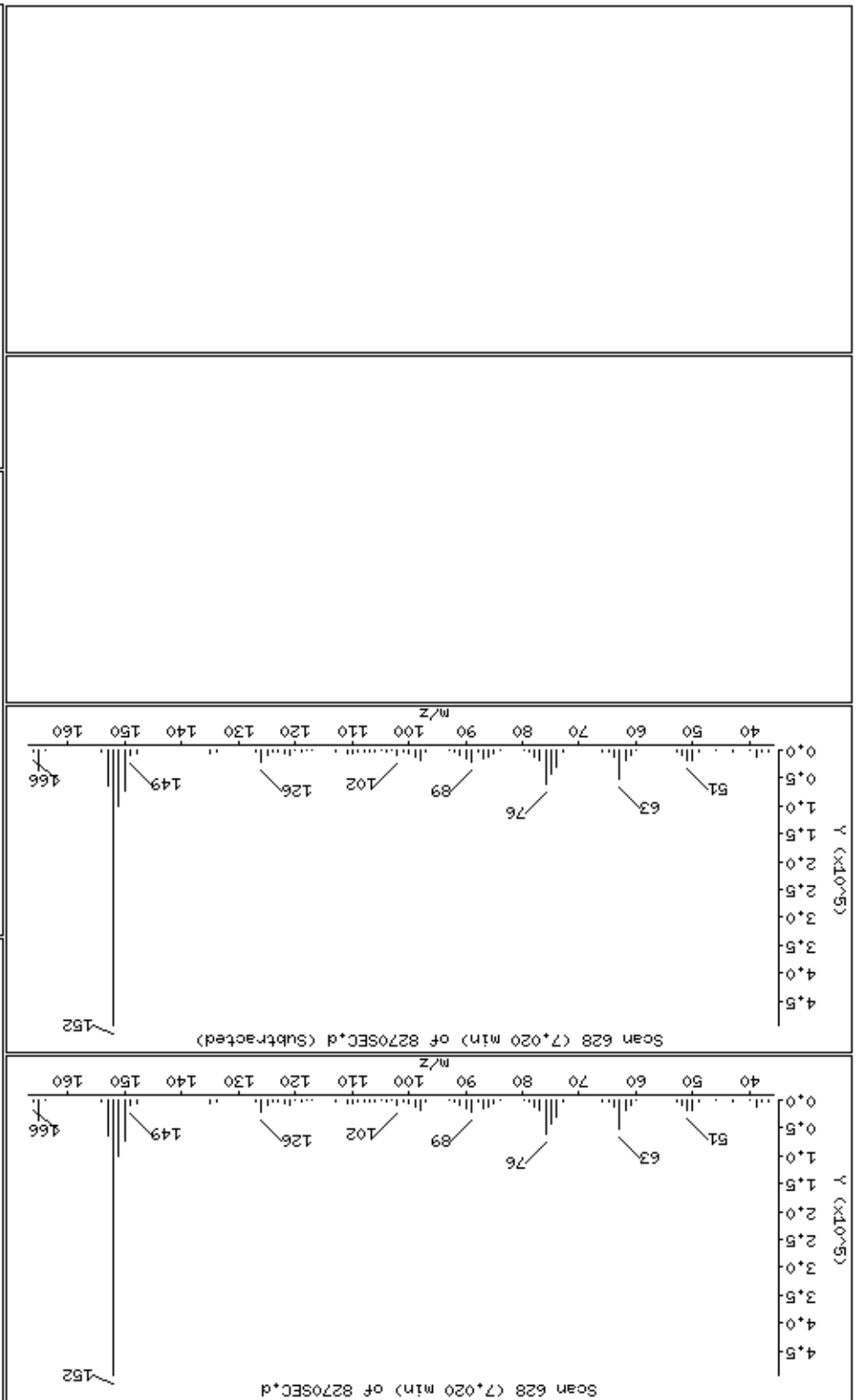
Sample Info: 47770

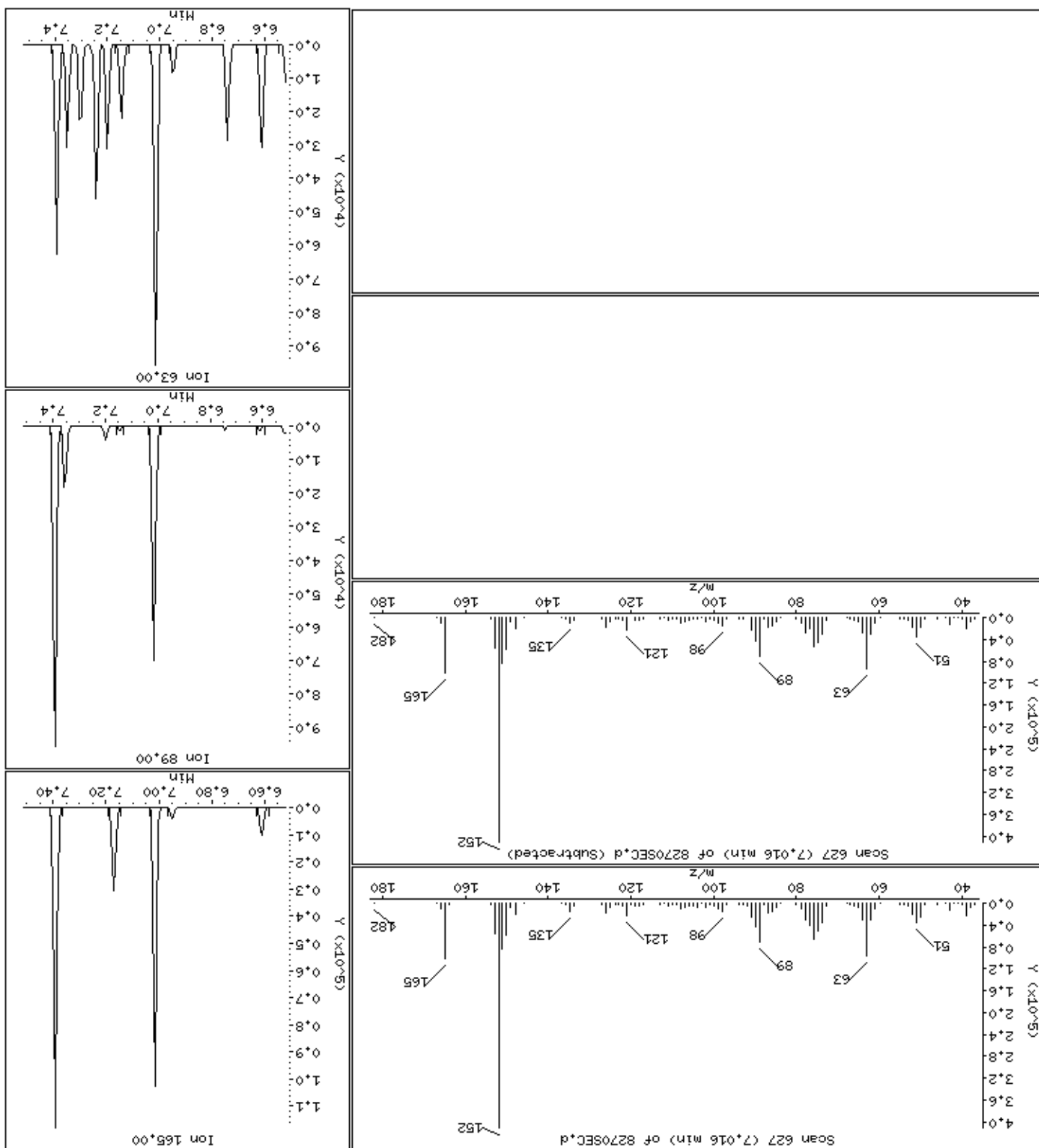
Operator: MJ

Column diameter: 0.25

Concentration: 49.0 ug/kg

68 Acenaphthylene







Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

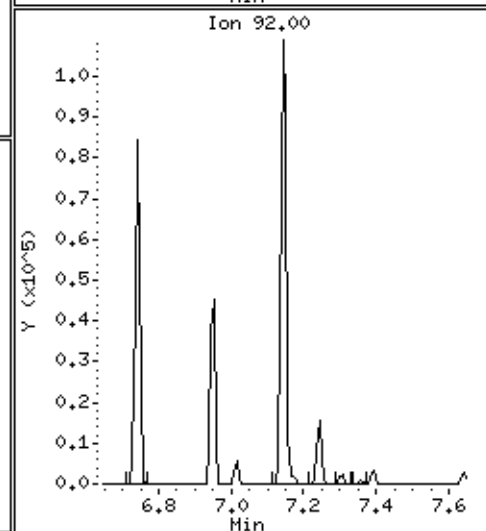
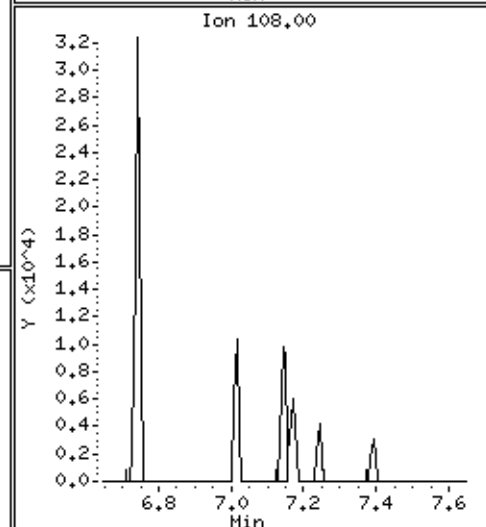
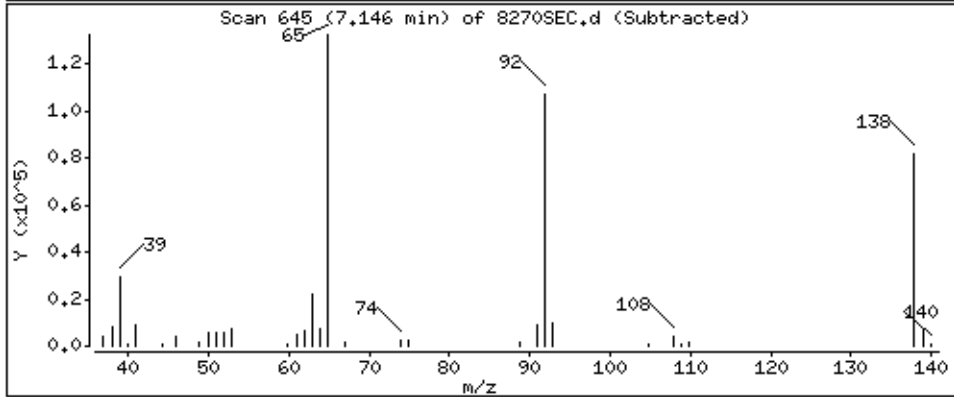
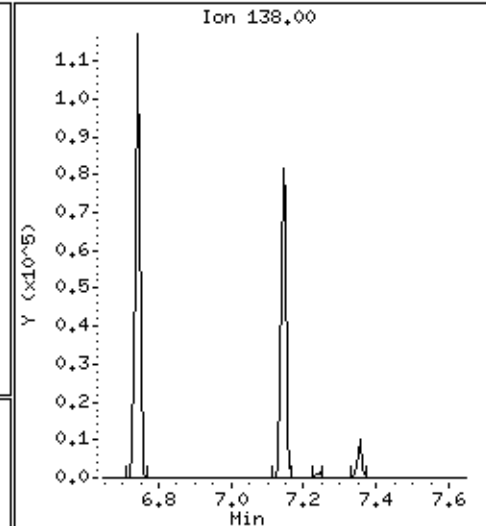
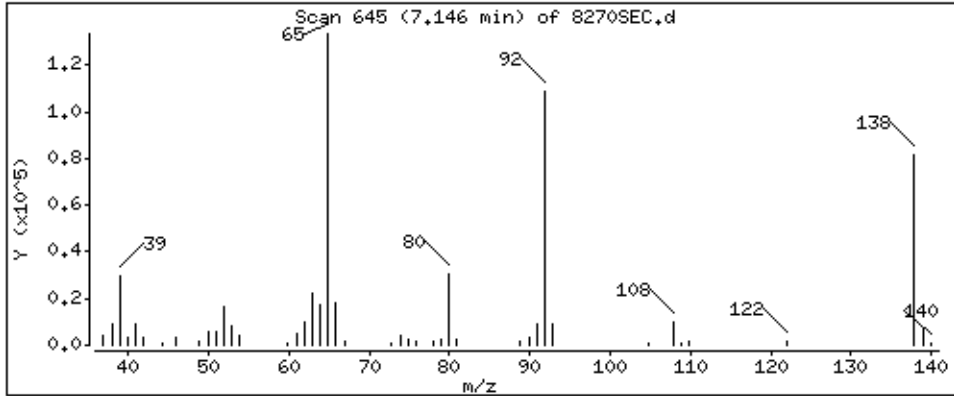
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

69 3-Nitroaniline

Concentration: 52,7 ug/kg



Date: 15-NOV-2012 01:07

Client ID: 8270SEC

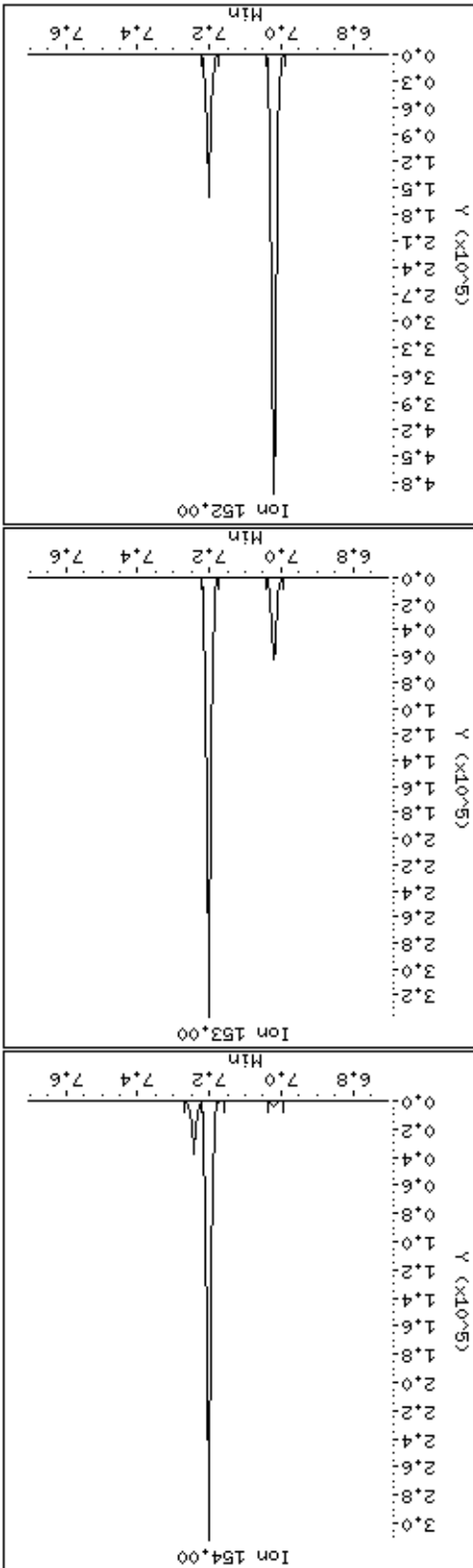
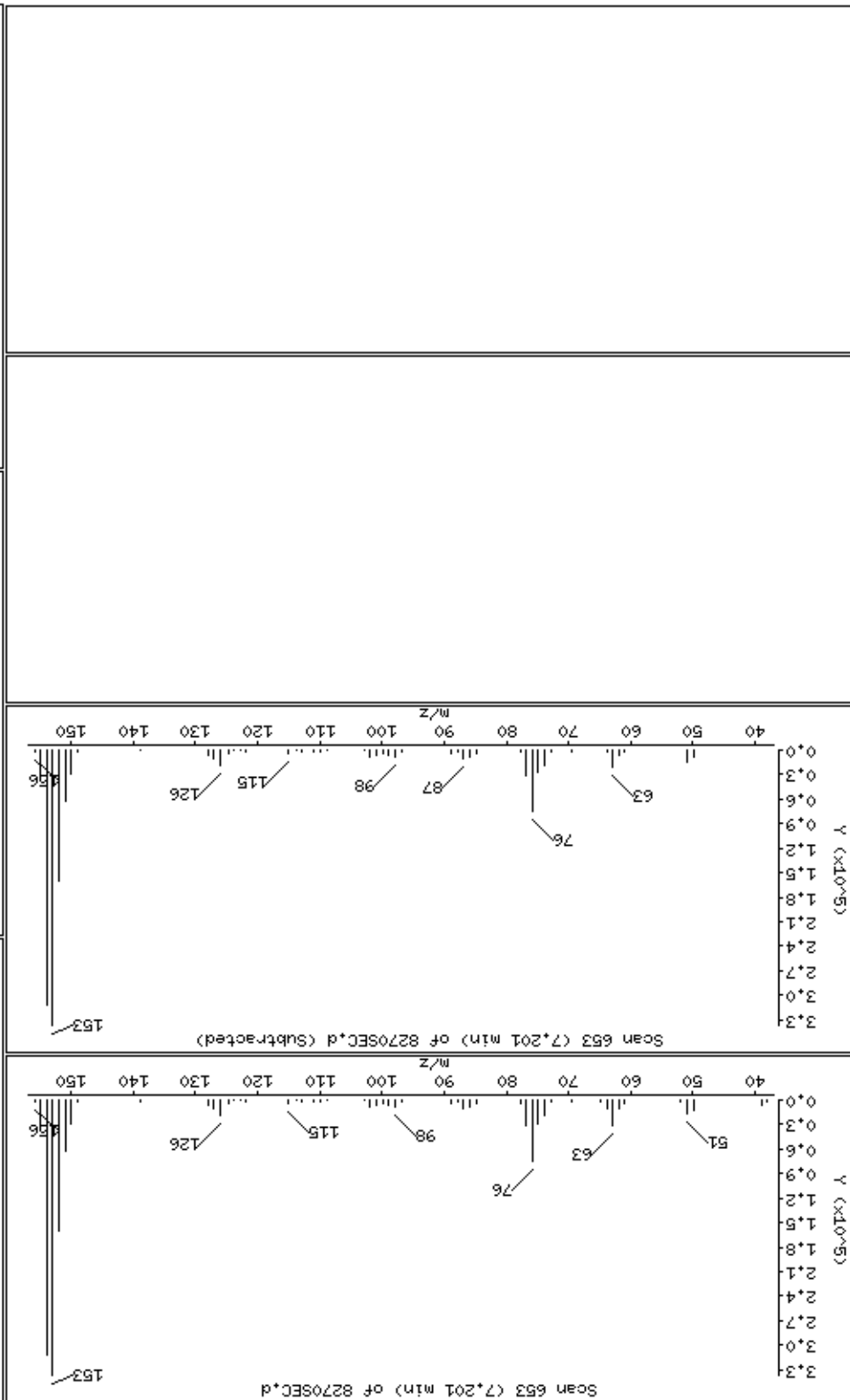
Sample Info: 47770

Operator: MJ

Column diameter: 0.25

Concentration: 47.6 ug/kg

71 Acenaphthene



Date: 15-NOV-2012 01:07

Client ID: 8270SEC

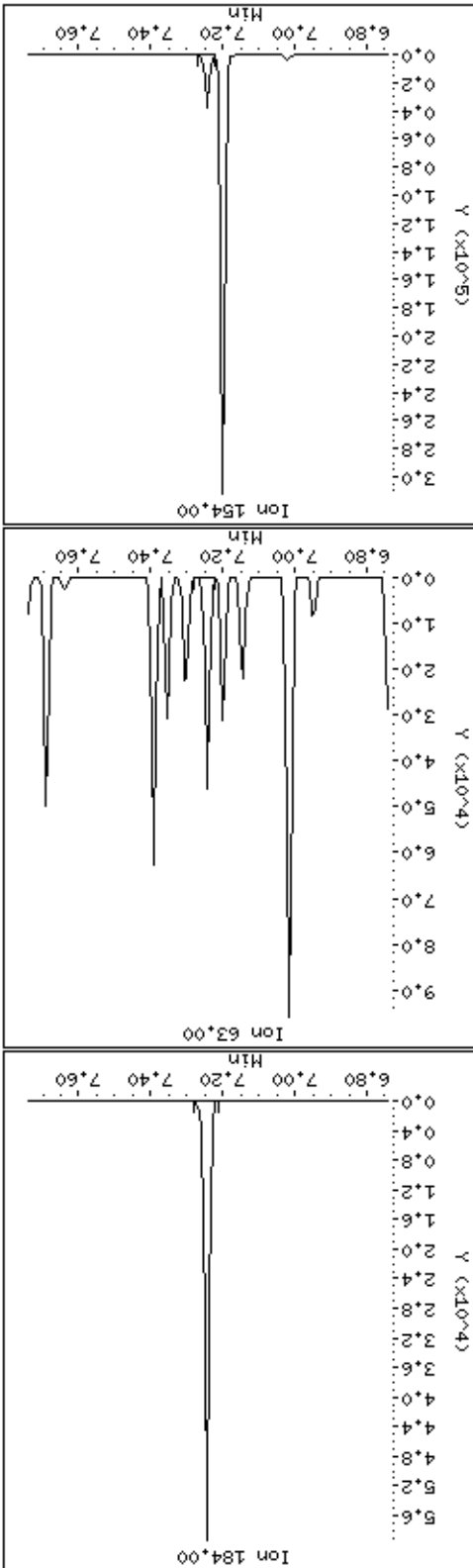
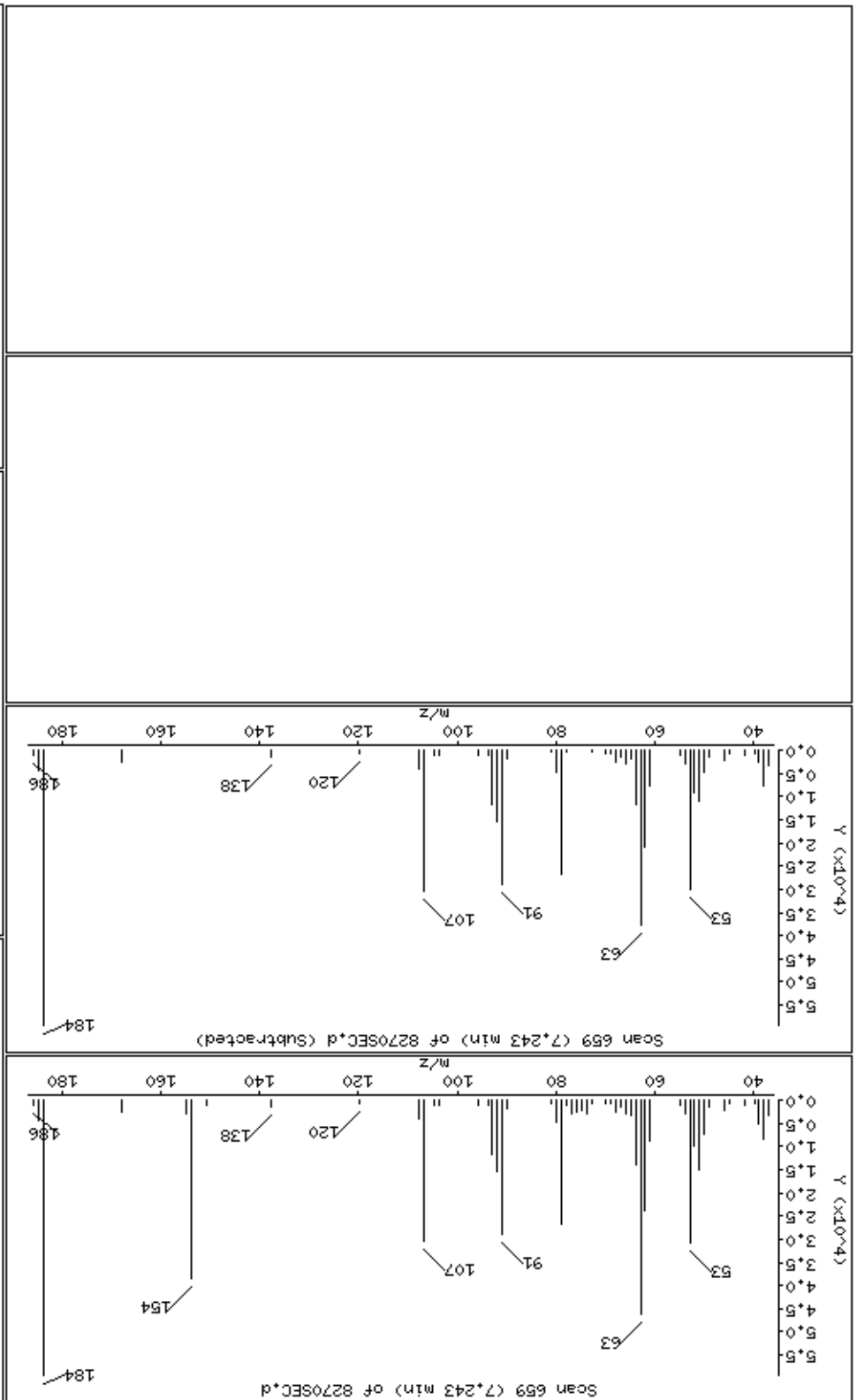
Sample Info: 47770

Operator: MJ

Column diameter: 0.25

Concentration: 52.3 ug/kg

72 2,4-Dinitrophenol



Date: 15-NOV-2012 01:07

Client ID: 8270SEC

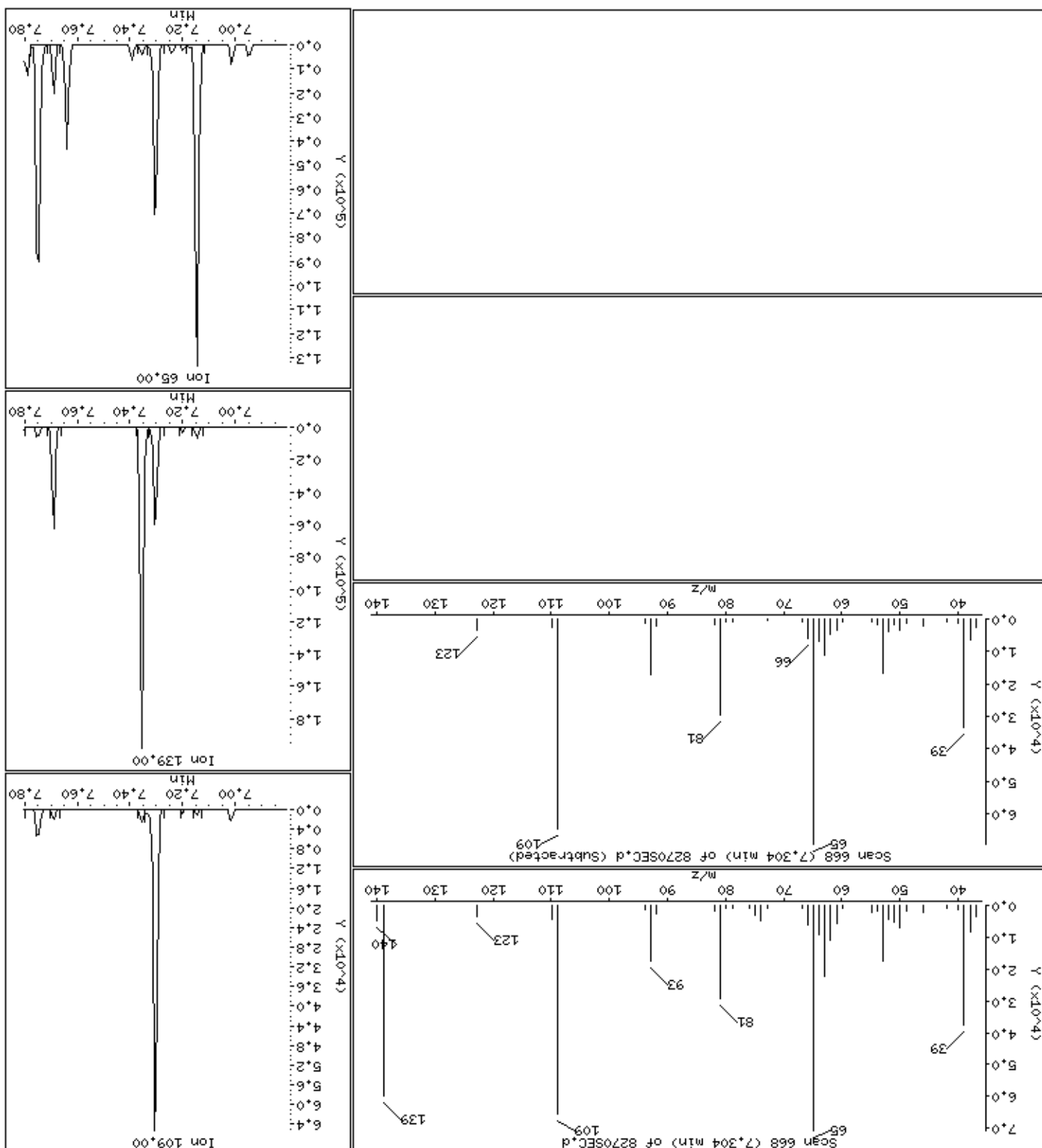
Sample Info: 47770

Operator: MJ

Column diameter: 0.25

Concentration: 50.9 ug/kg

74-4-Nitrophenol



Date: 15-NOV-2012 01:07

Client ID: 8270SEC

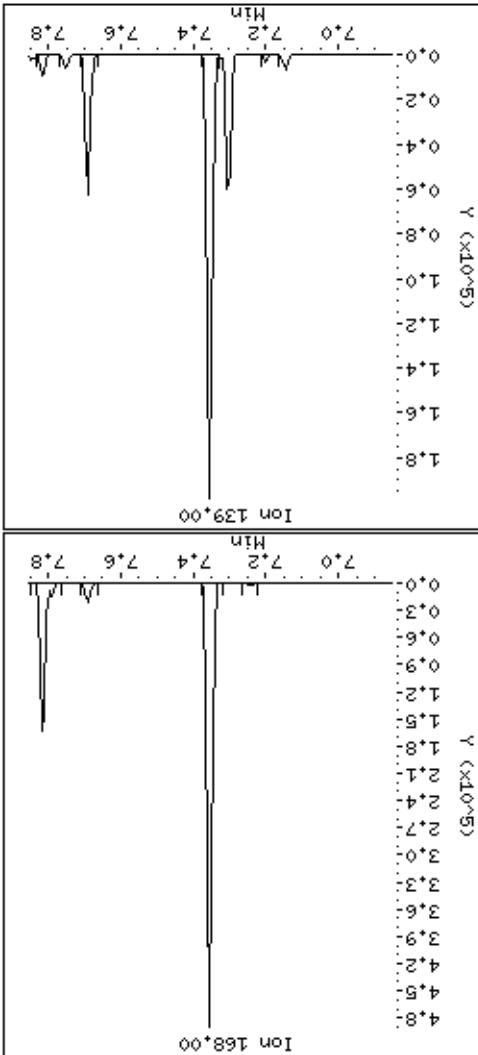
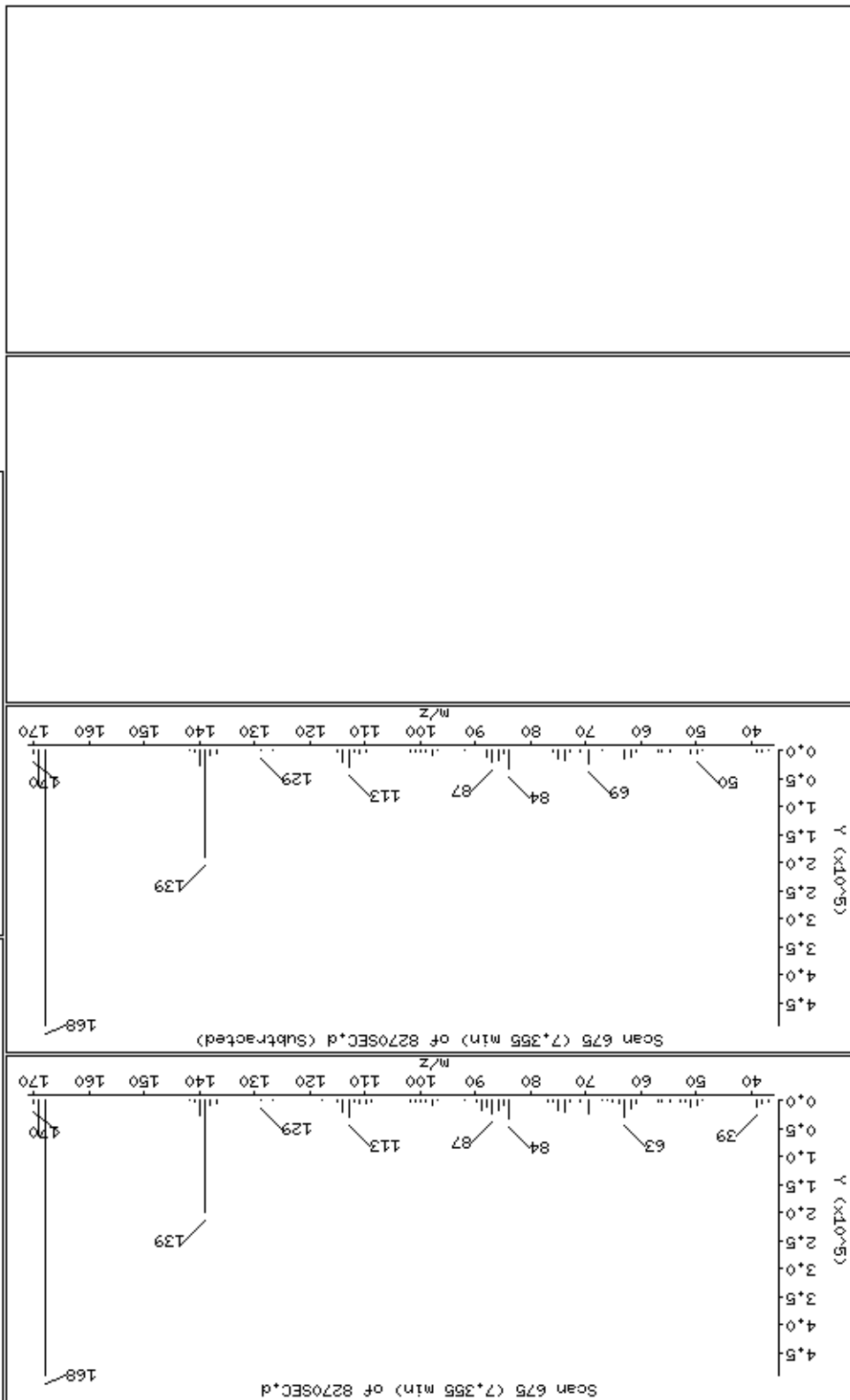
Sample Info: 47770

Operator: MJ

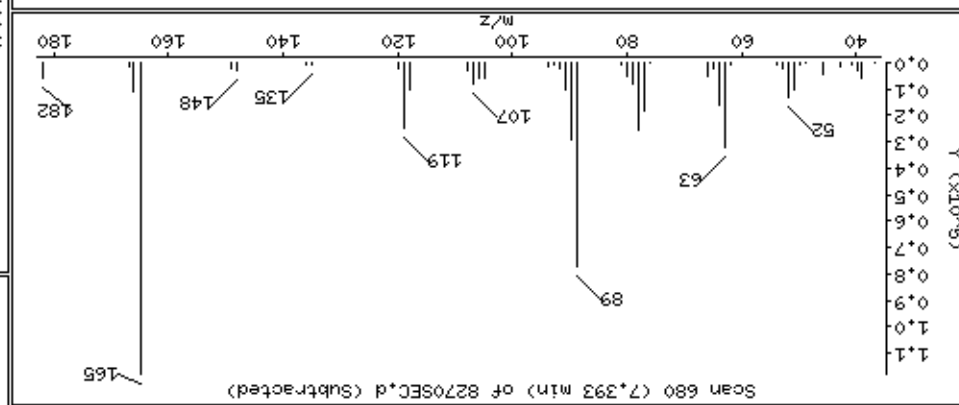
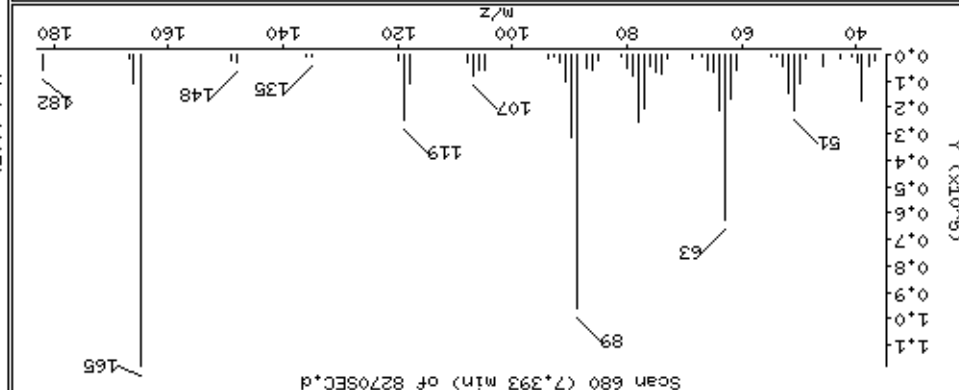
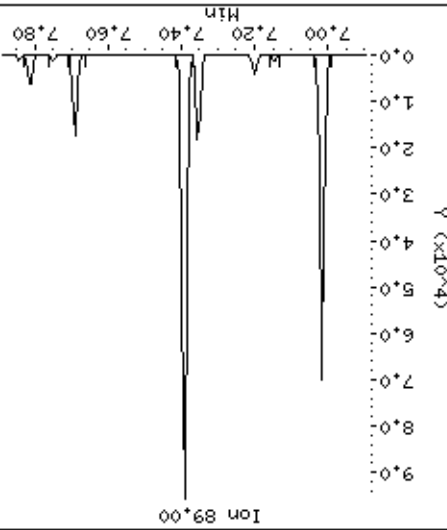
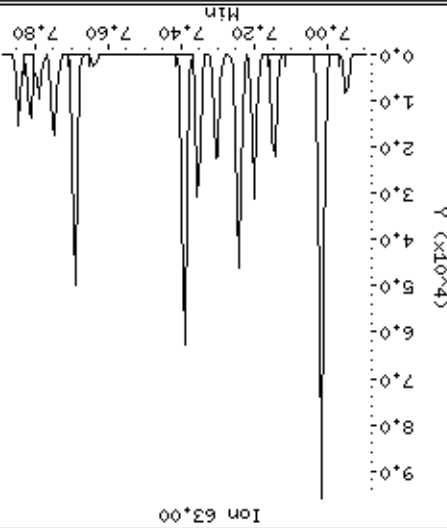
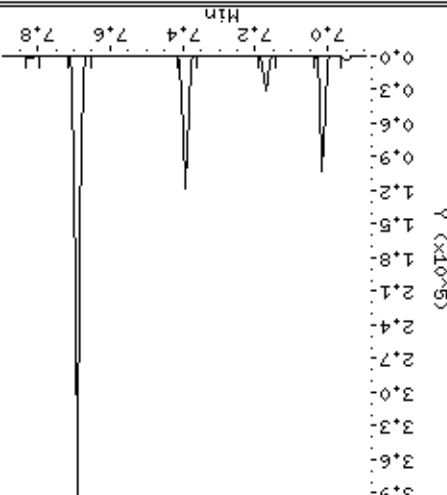
Column diameter: 0.25

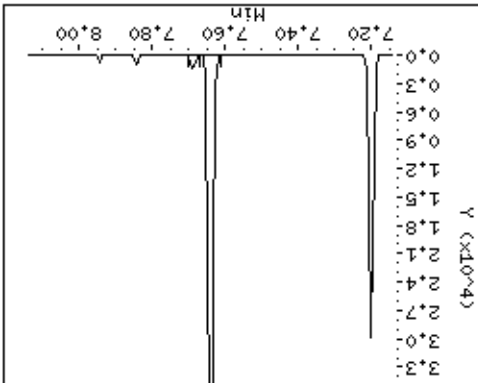
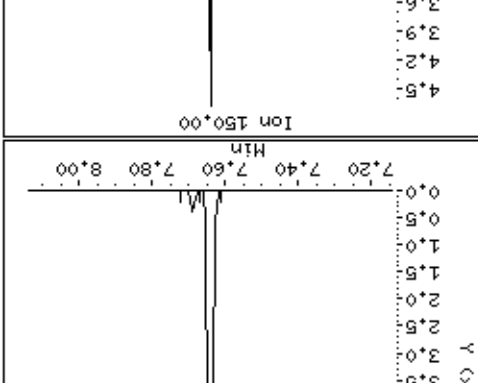
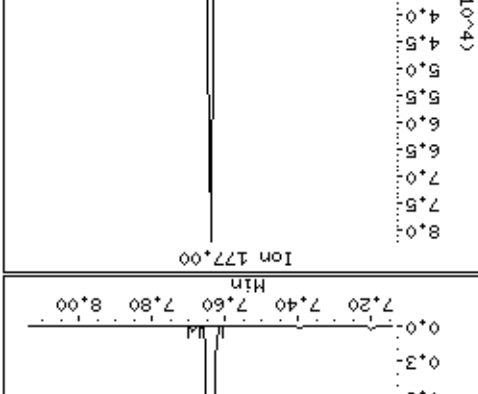
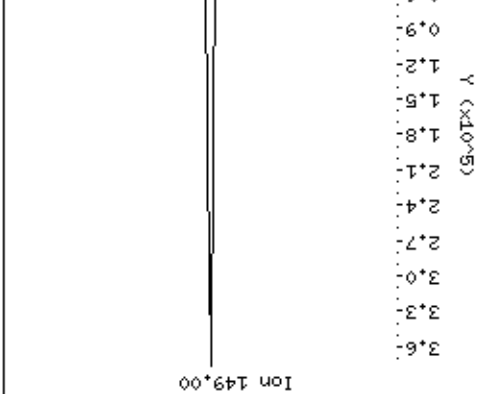
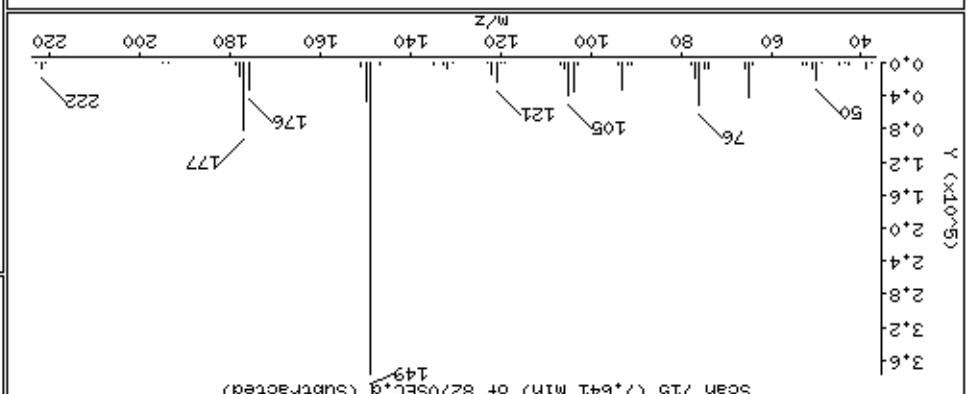
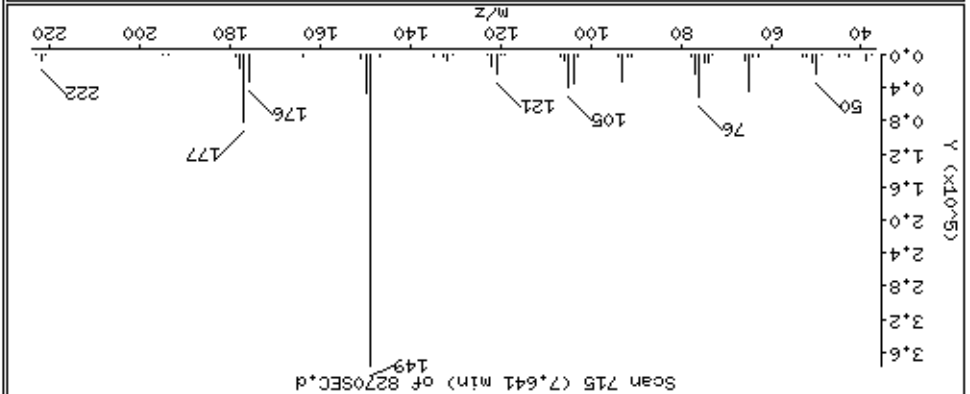
Concentration: 49.7 ug/kg

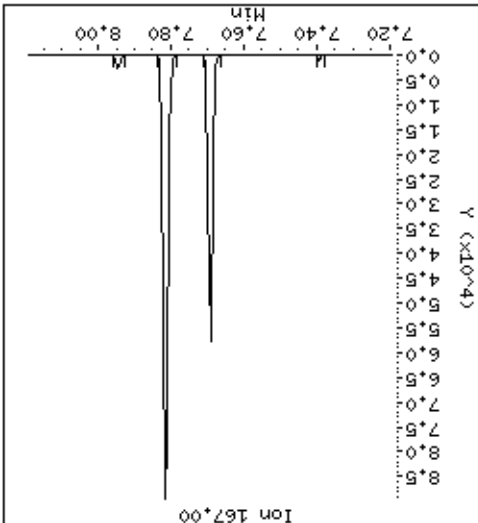
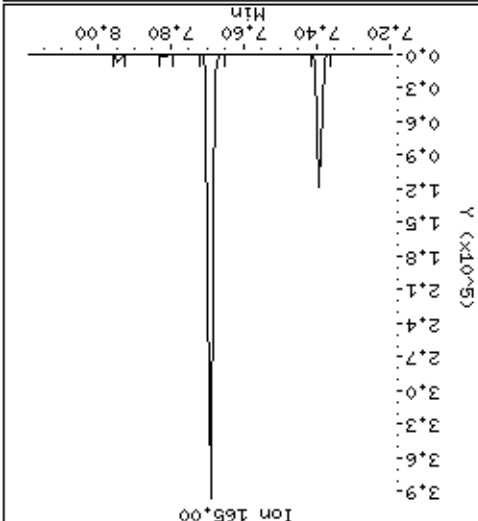
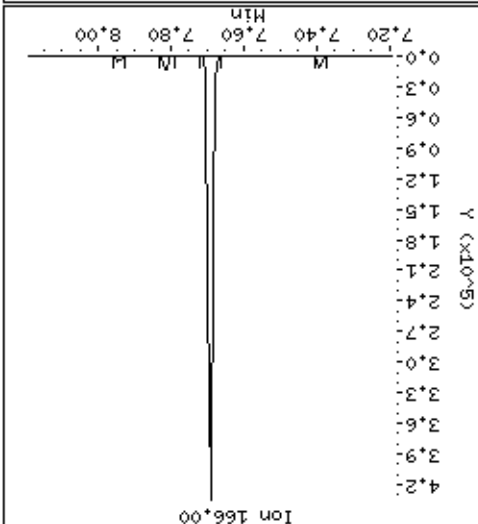
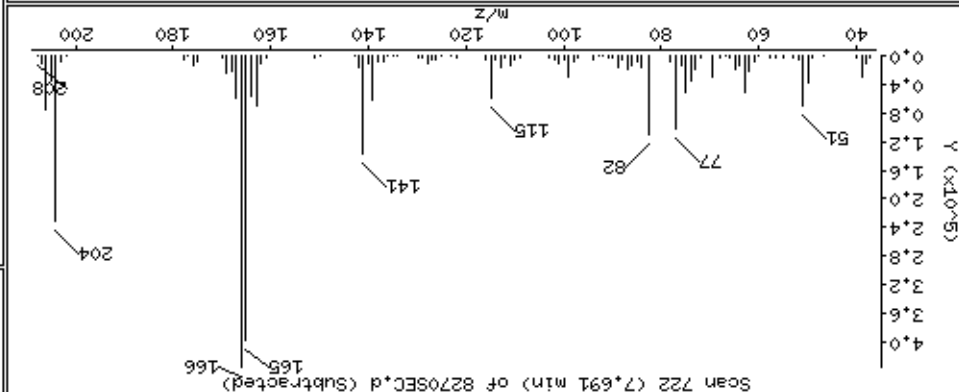
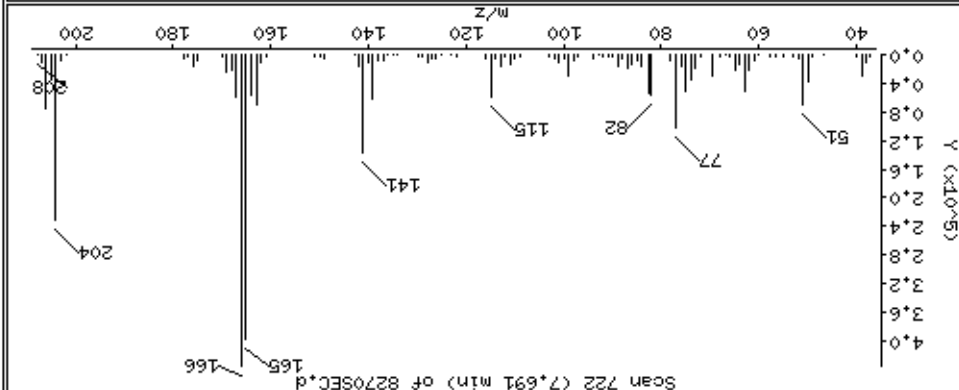
75 Dibenzoofuran



Ion 165.00









Date: 15-NOV-2012 01:07

Client ID: 8270SEC

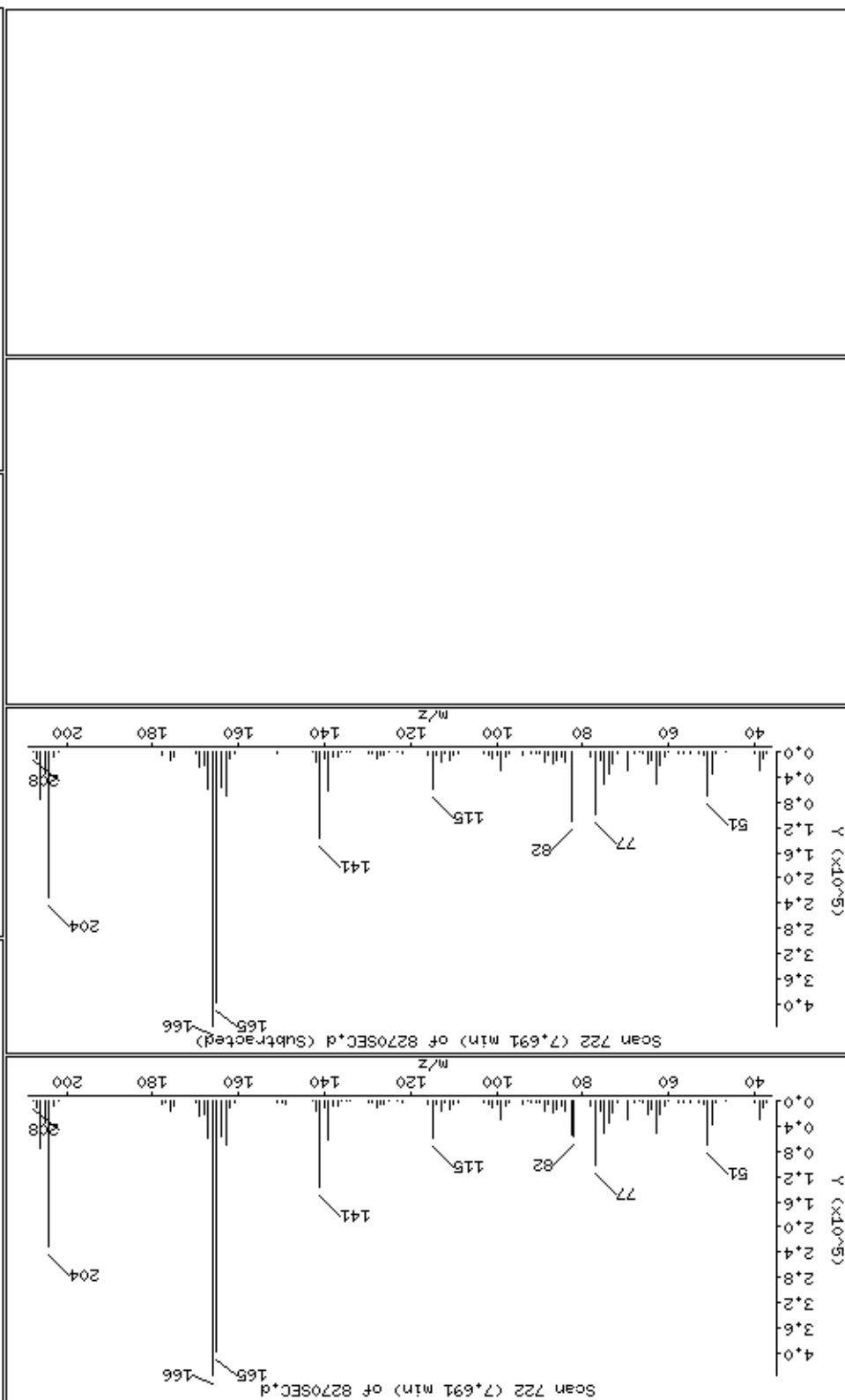
Sample Info: 47770

Operator: MJ

Column diameter: 0.25

Concentration: 47.6 ug/kg

82-4-Chlorophenyl-phenylether



Date: 15-NOV-2012 01:07

Client ID: 8270SEC

Sample Info: 47770

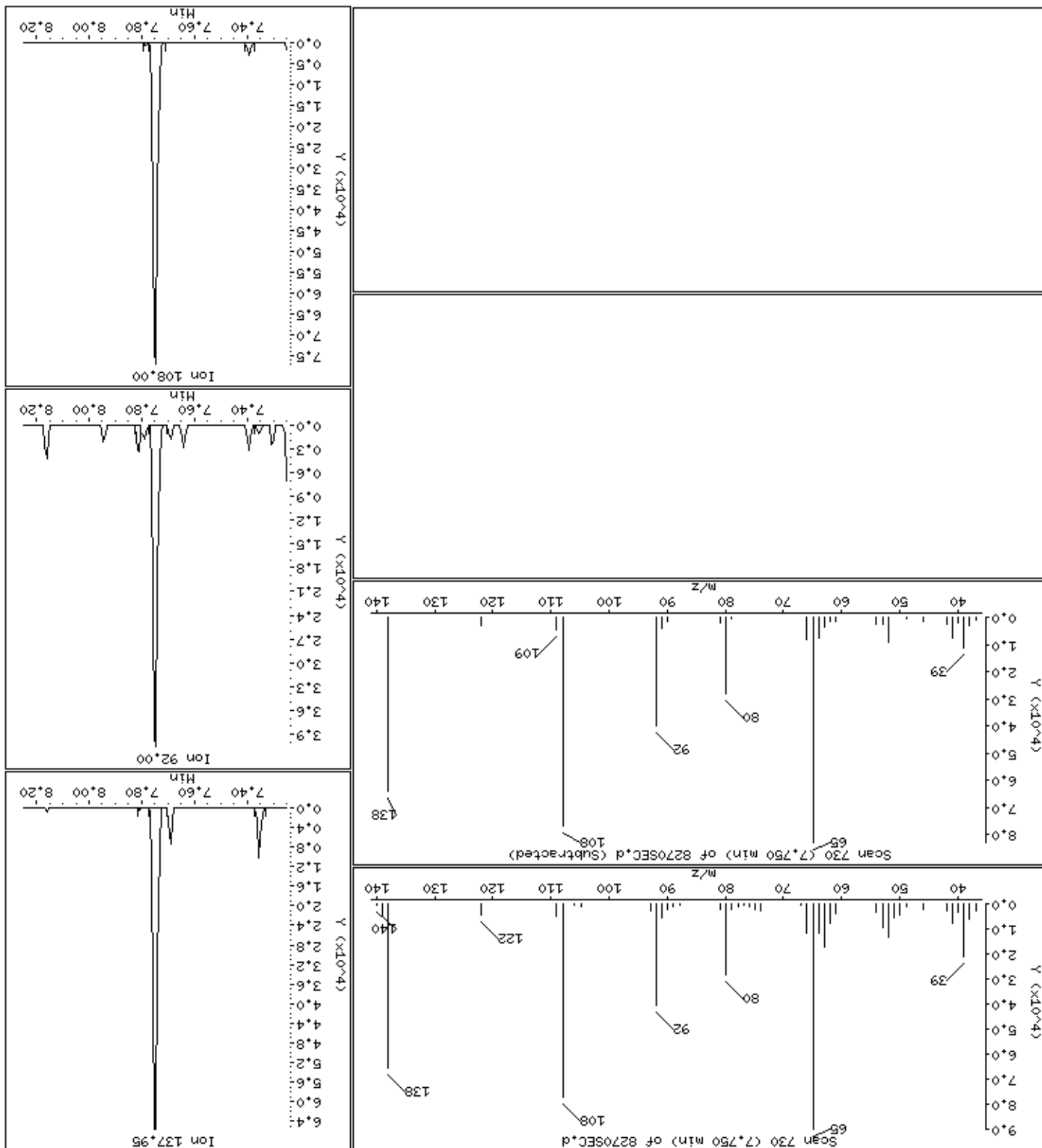
Operator: MJ

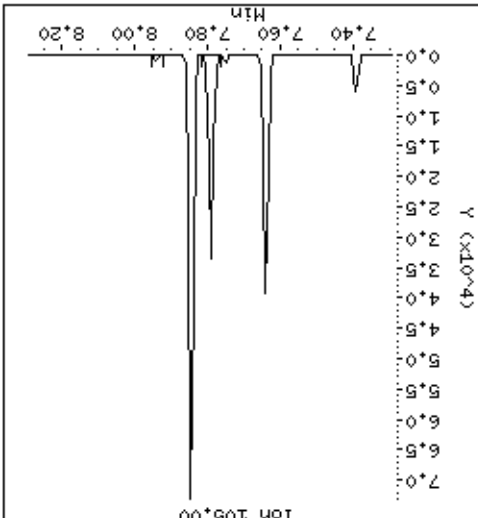
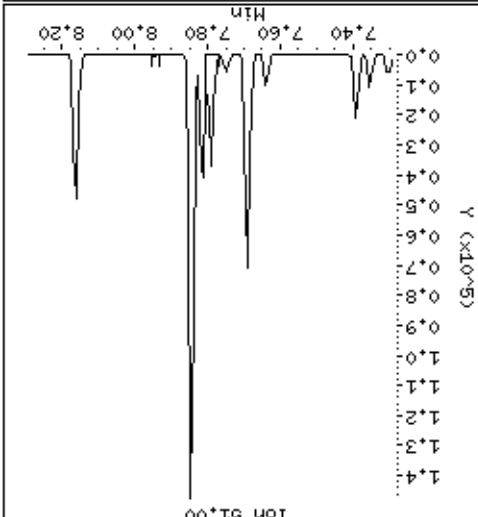
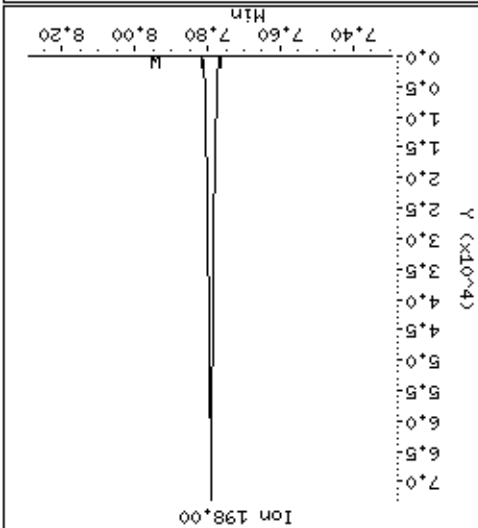
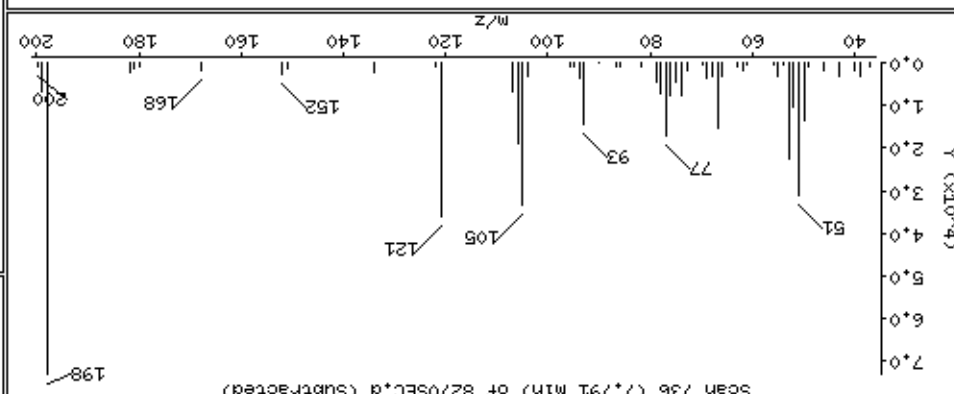
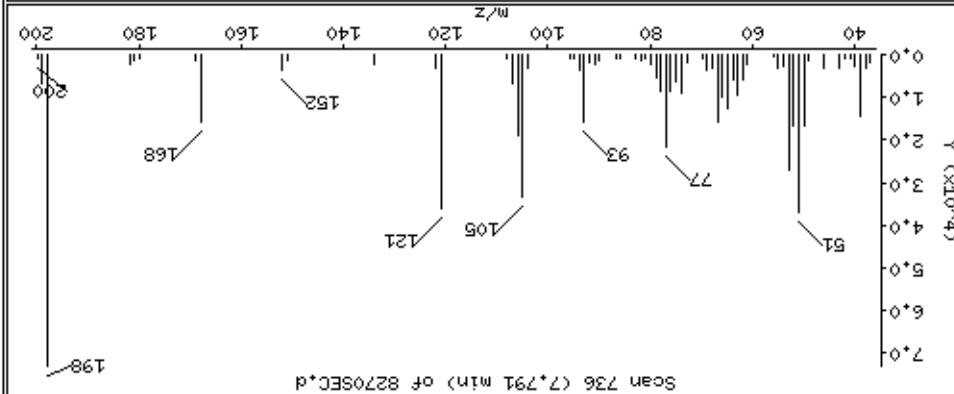
Column diameter: 0.25

Concentration: 54.6 ug/kg

84 4-Nitroaniline

Column phase: HPMS-5





Date: 15-NOV-2012 01:07

Client ID: 8270SEC

Sample Info: 47770

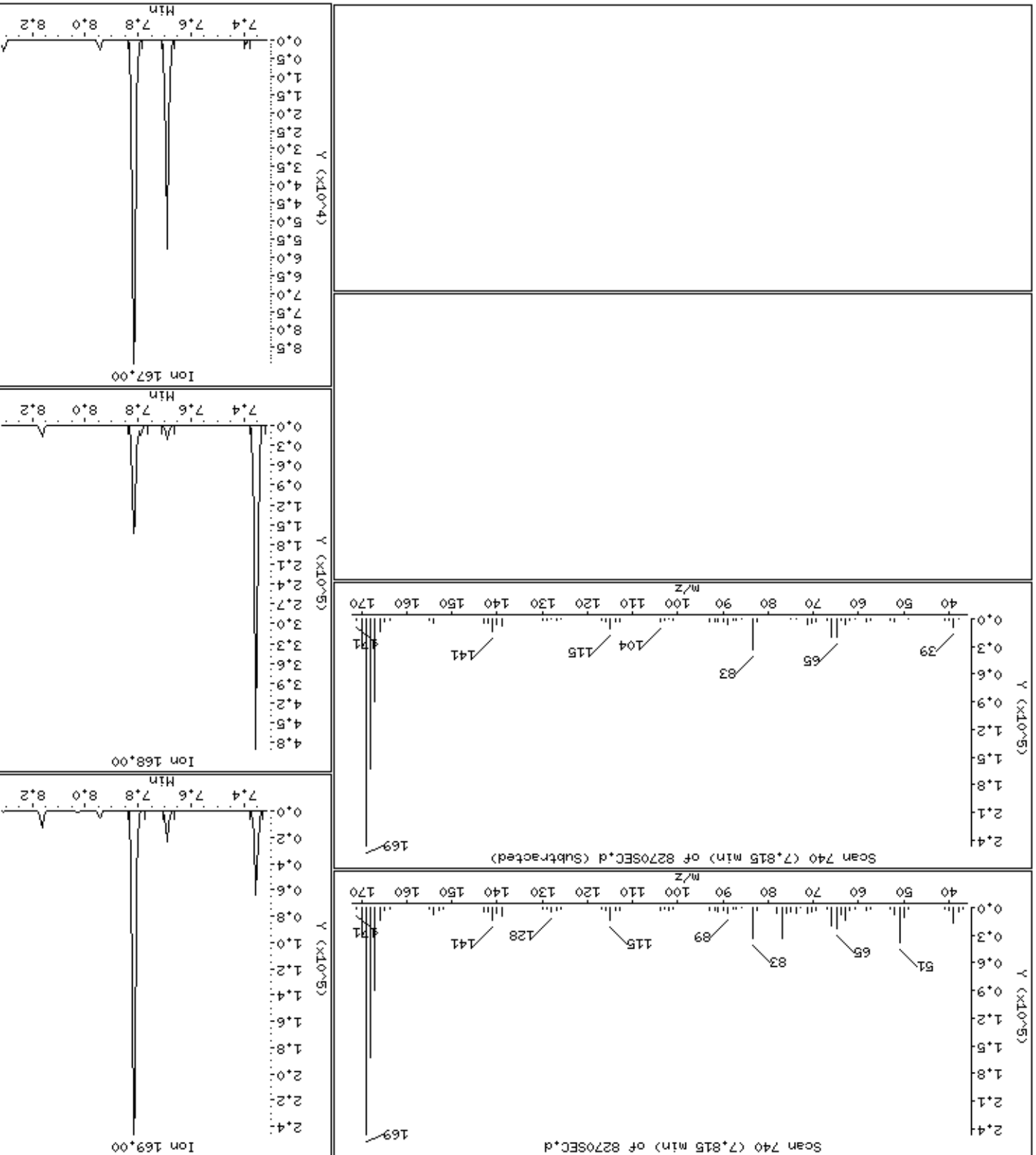
Operator: MJ

Column diameter: 0.25

Concentration: 50.7 ug/kg

86 N-Nitrosodiphenylamine

Column phase: HPMS-5



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

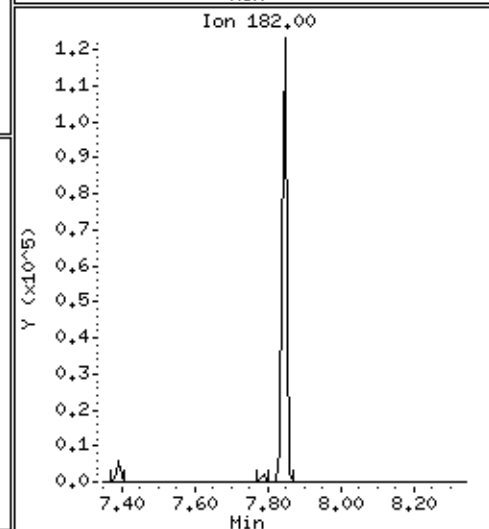
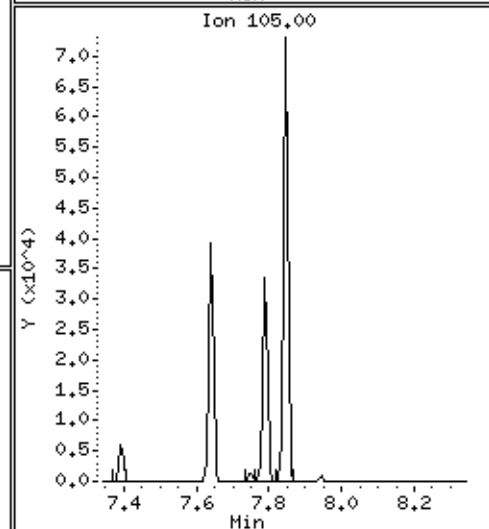
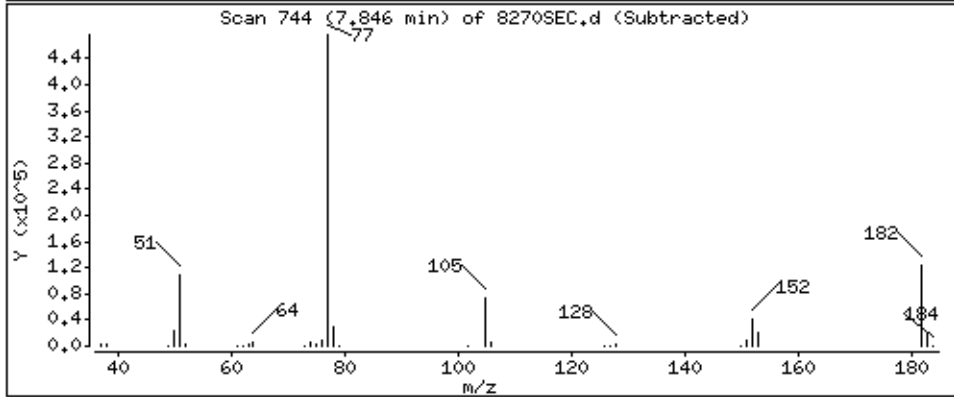
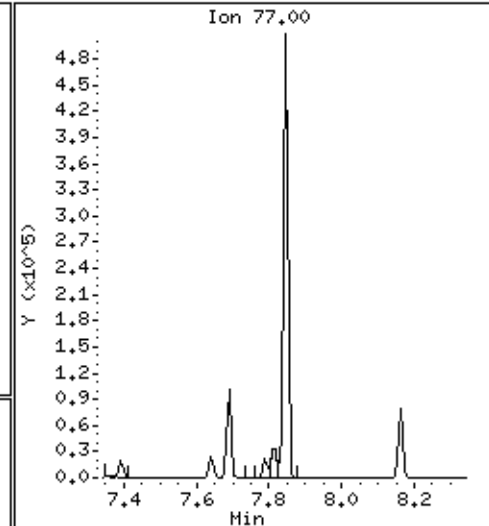
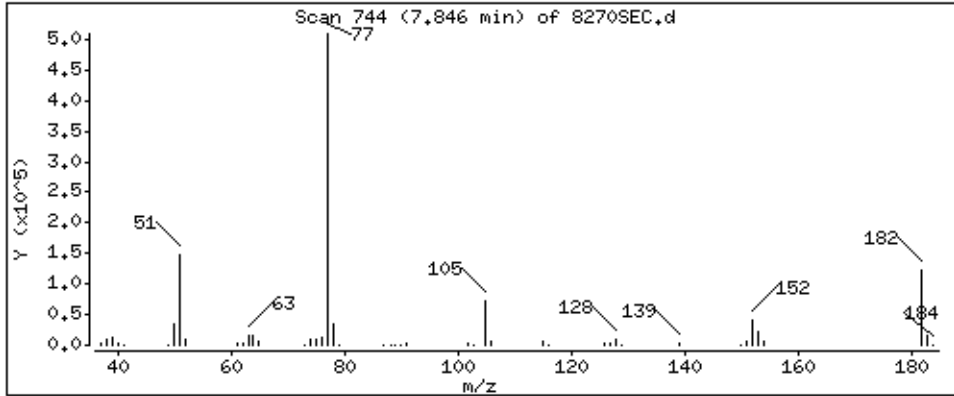
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

87 1,2-Diphenylhydrazine

Concentration: 53,3 ug/kg



Date: 15-NOV-2012 01:07

Client ID: 8270SEC

Sample Info: 47770

Operator: MJ

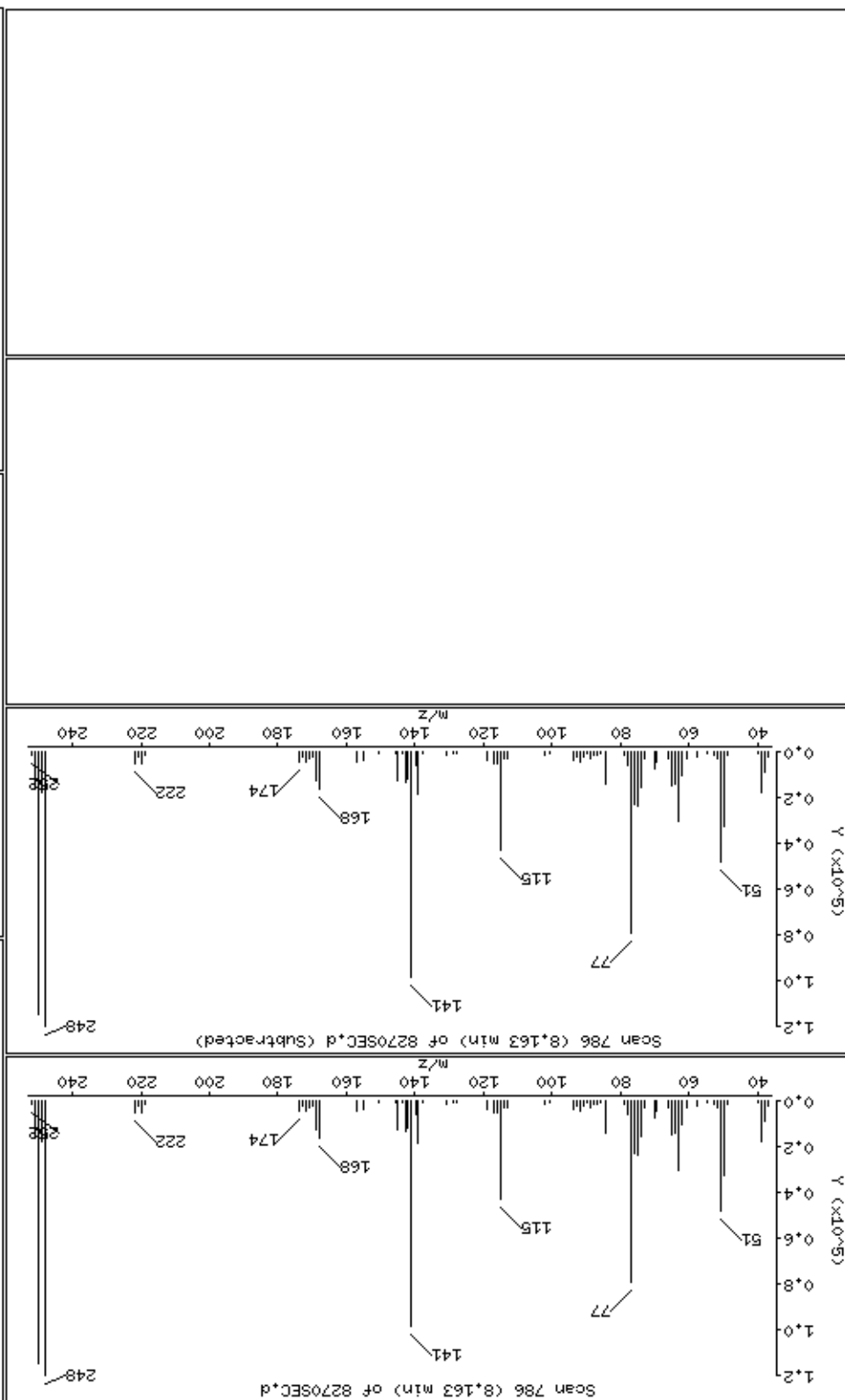
Column diameter: 0.25

Concentration: 49.5 ug/kg

Instrument: smsd04.1

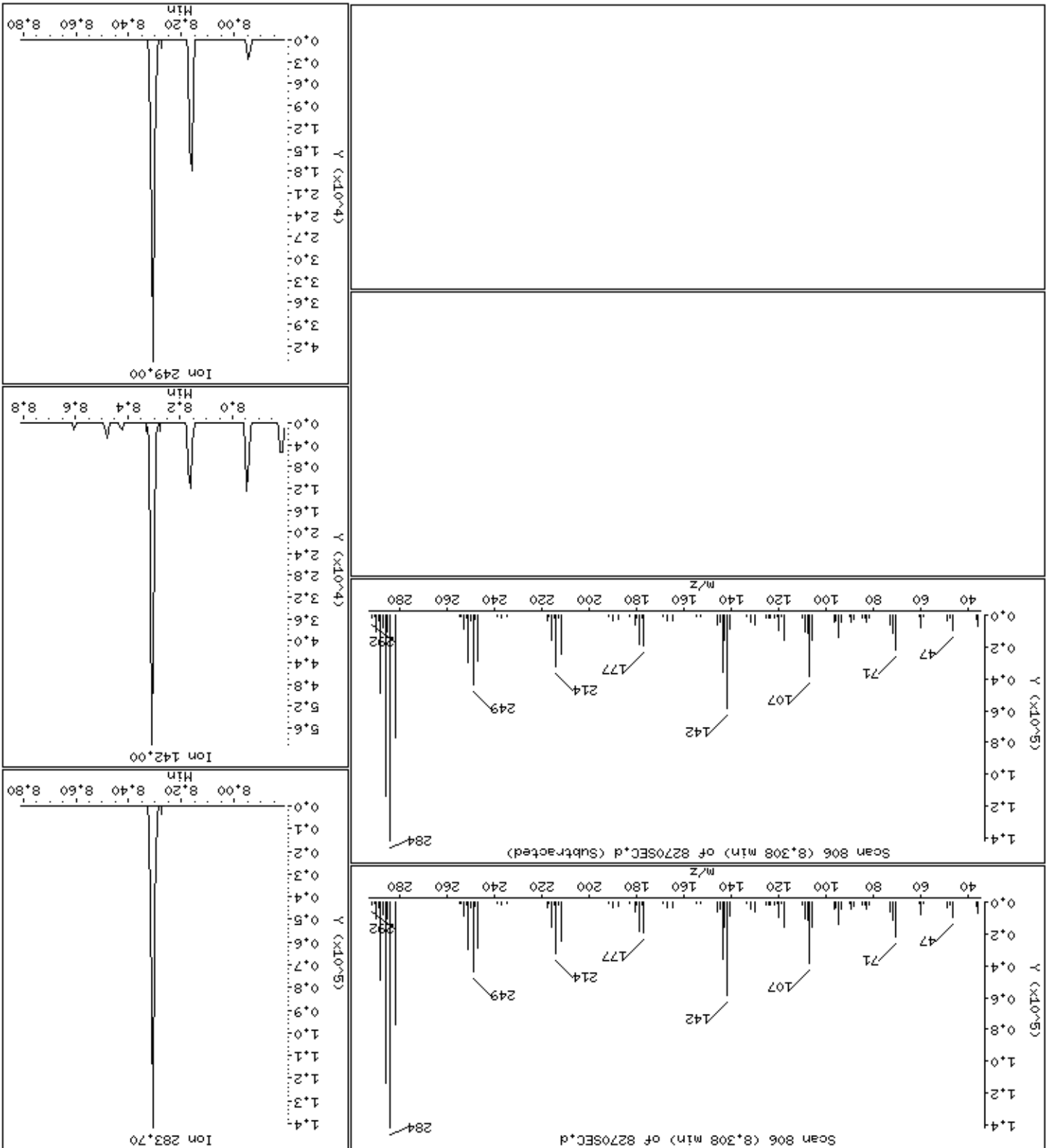
93-4-Bromophenylphenylether

Column phase: HPMS-5



94 Hexachlorobenzene

Column phase: HPMS-5



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

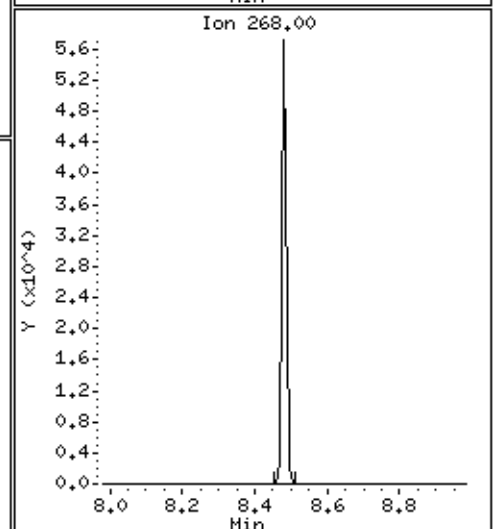
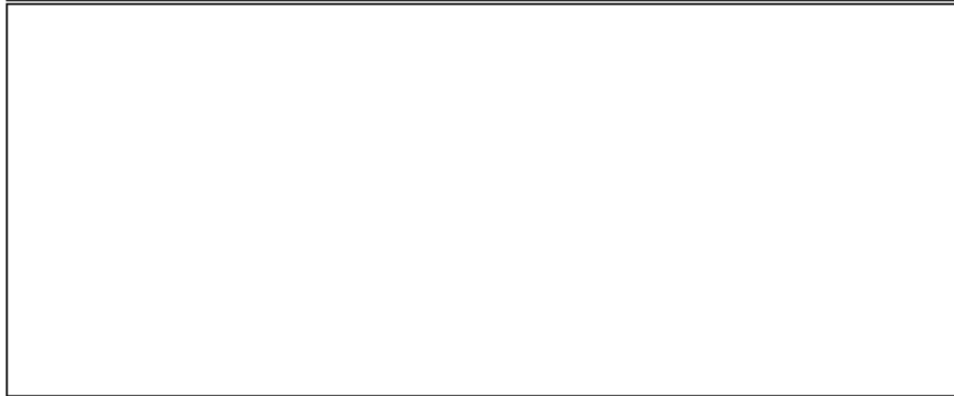
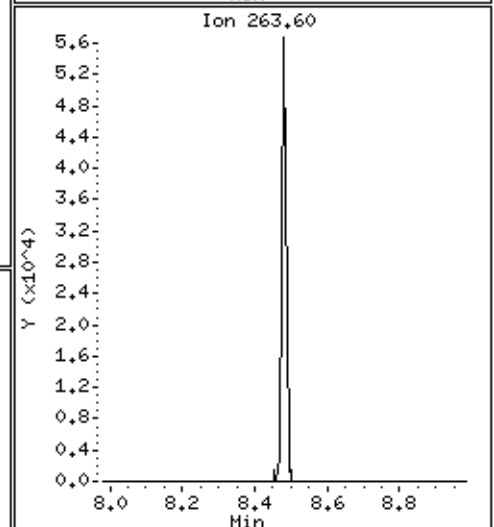
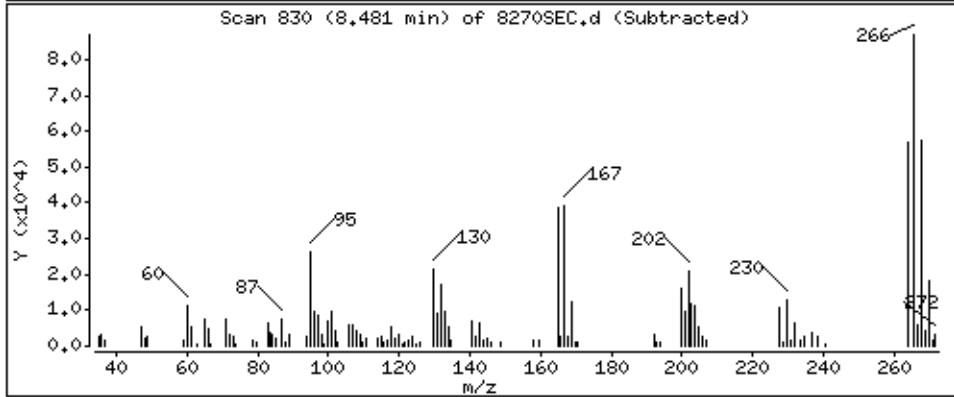
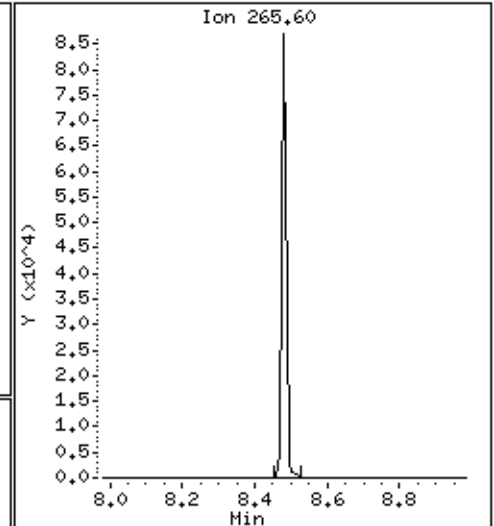
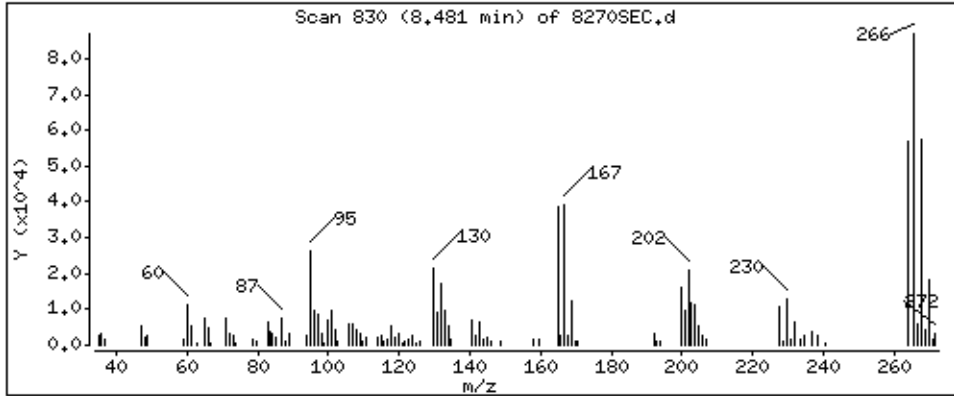
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

96 Pentachlorophenol

Concentration: 46,3 ug/kg





Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

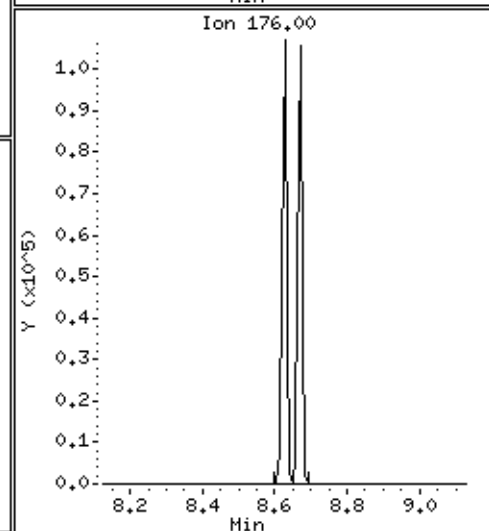
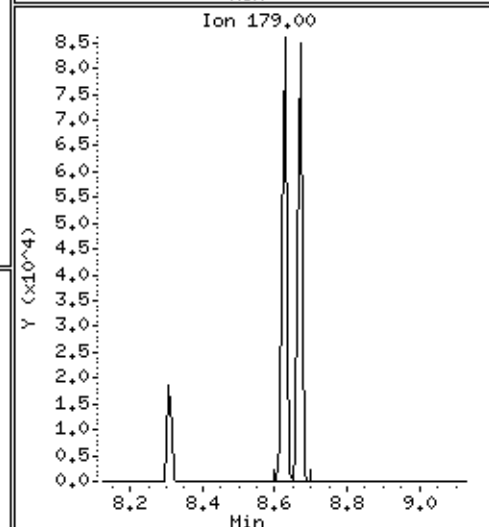
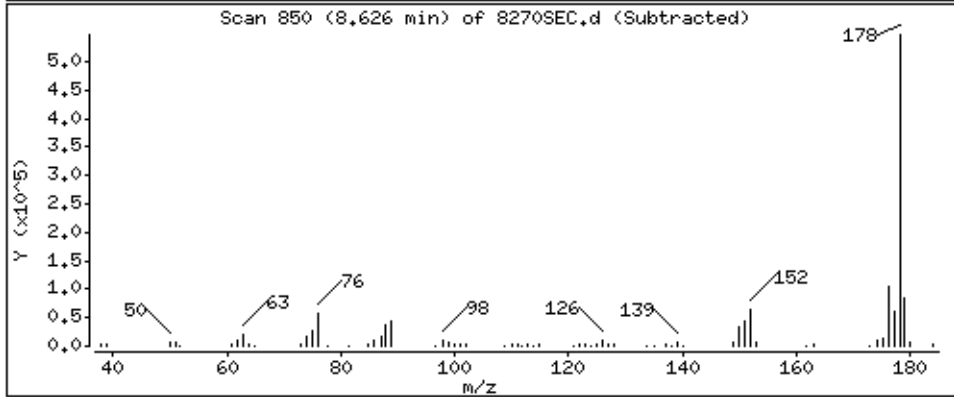
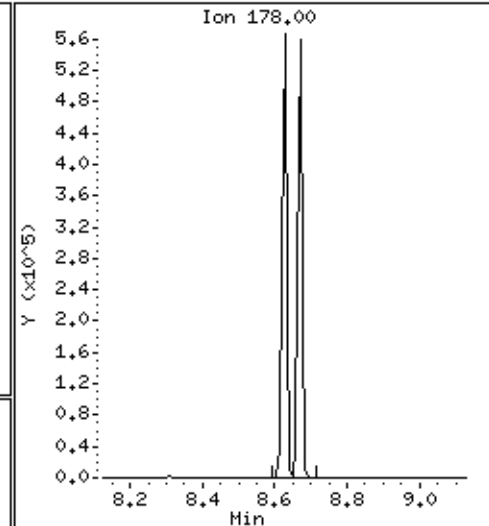
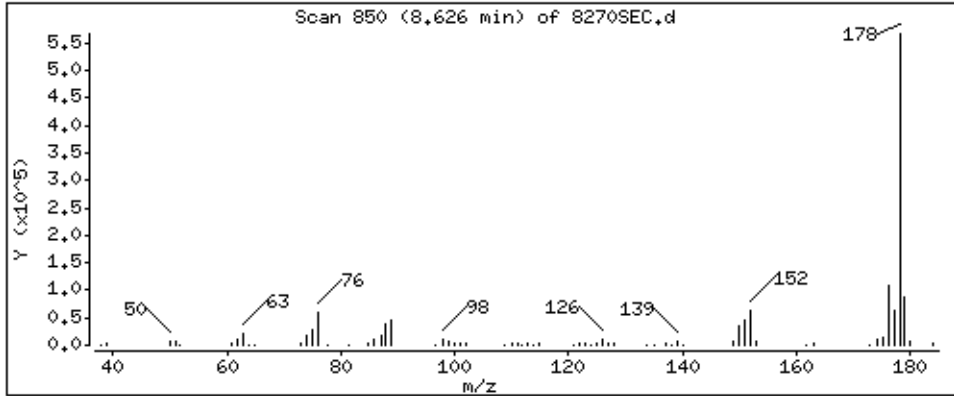
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

101 Phenanthrene

Concentration: 48,6 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

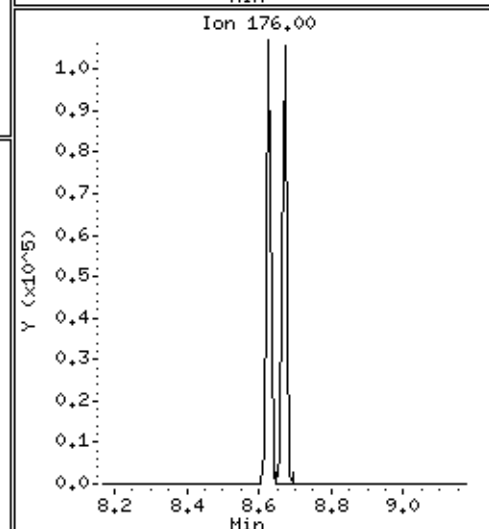
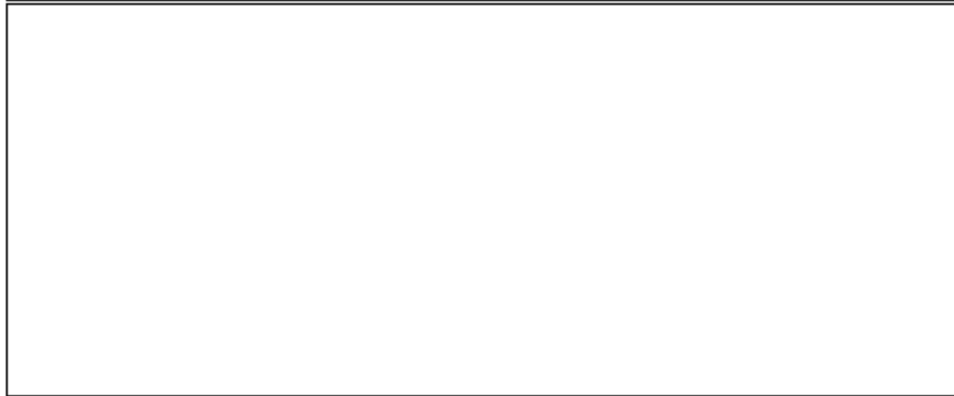
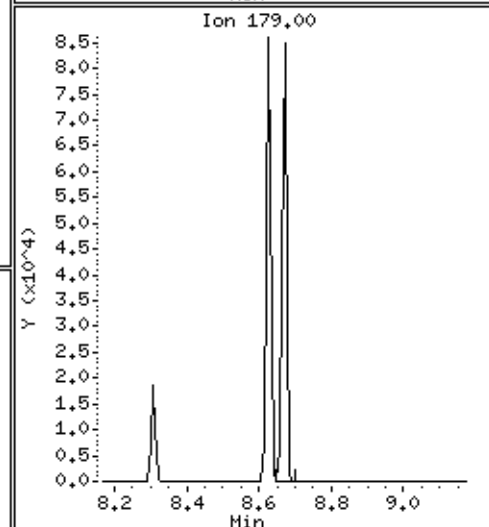
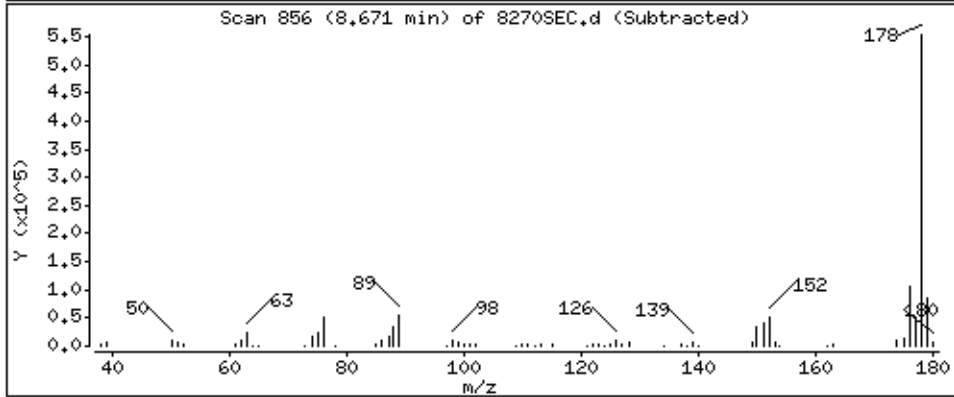
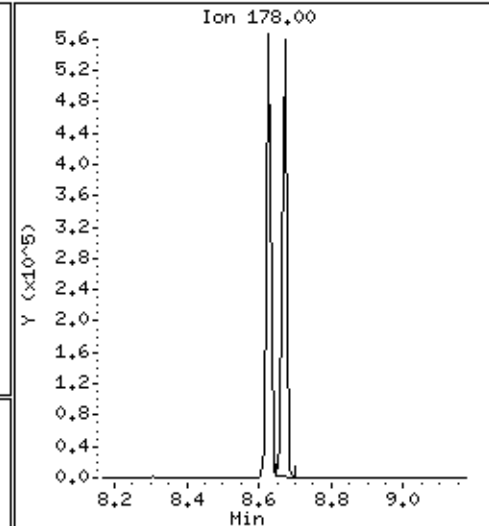
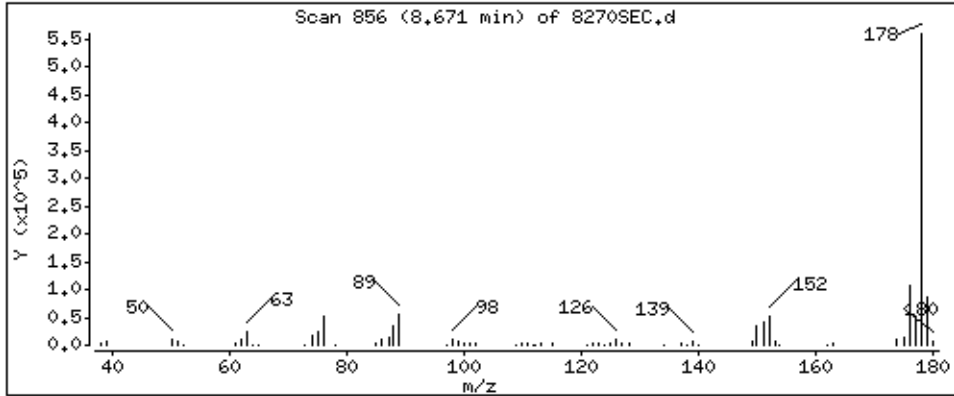
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

103 Anthracene

Concentration: 53,2 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

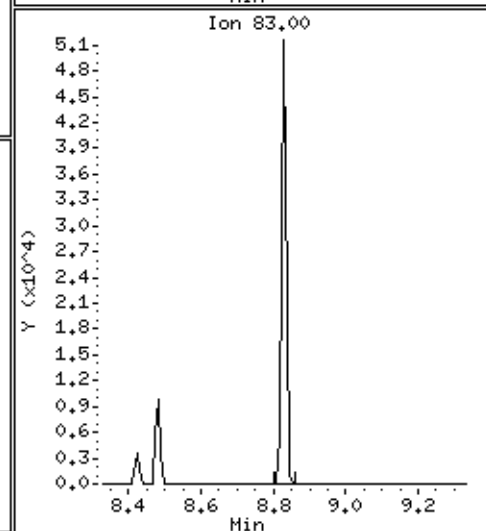
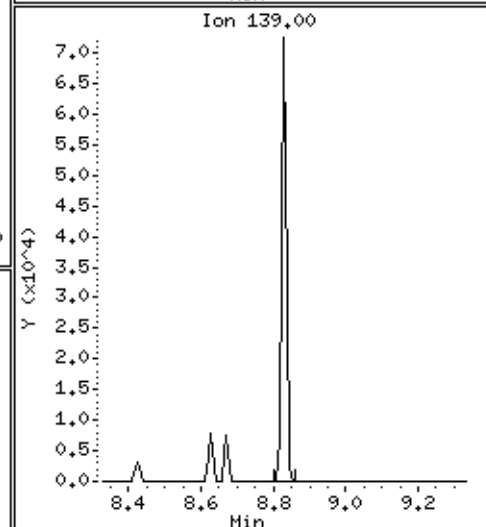
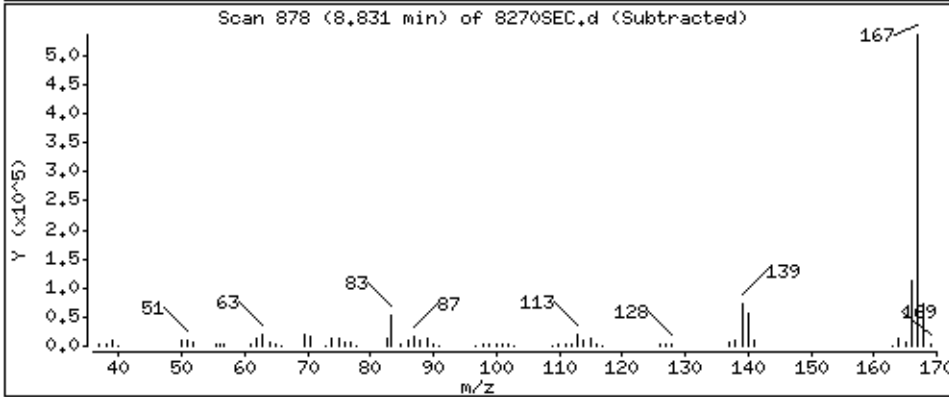
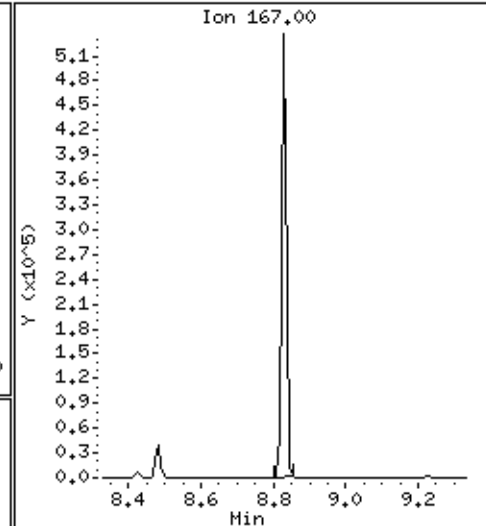
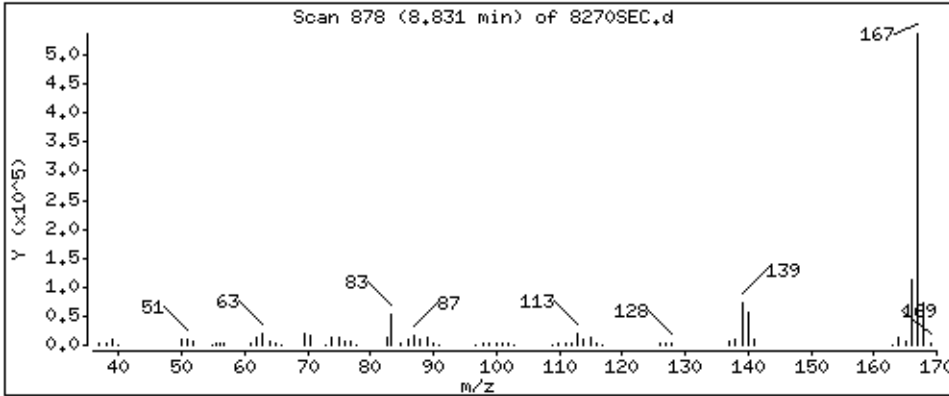
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

104 Carbazole

Concentration: 54,1 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

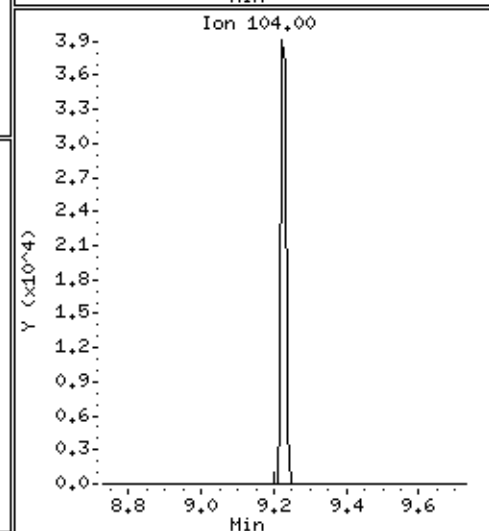
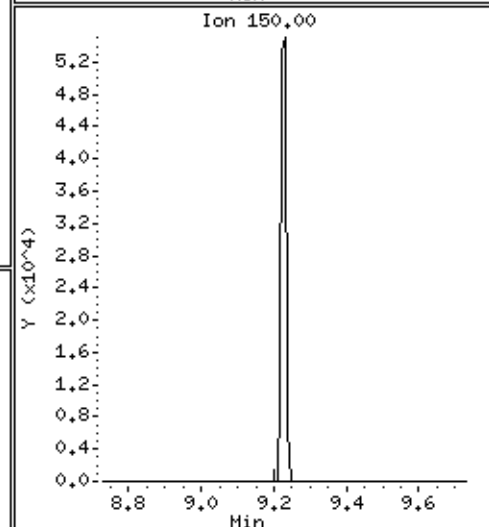
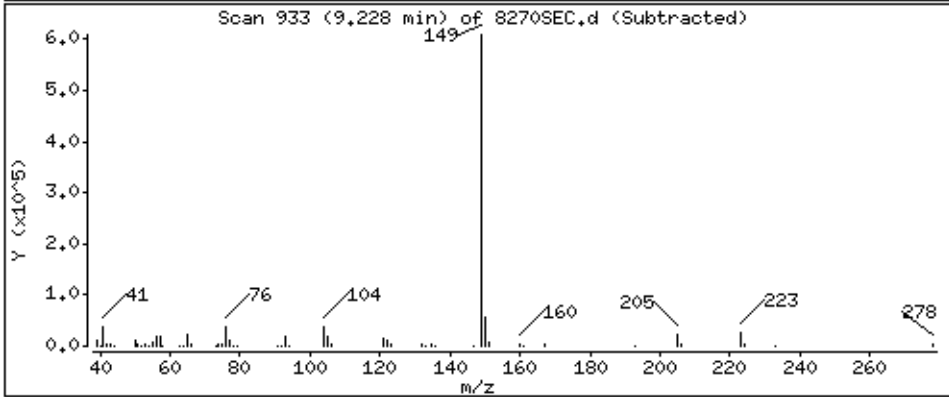
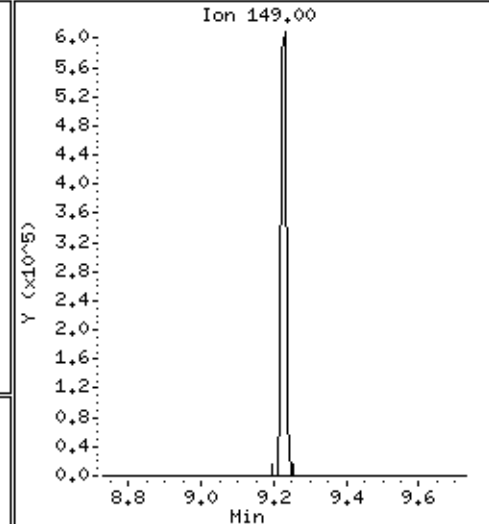
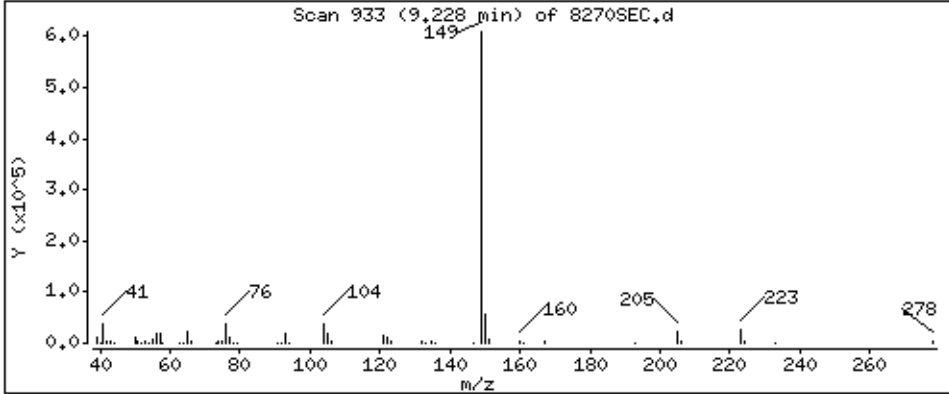
Operator: MJ

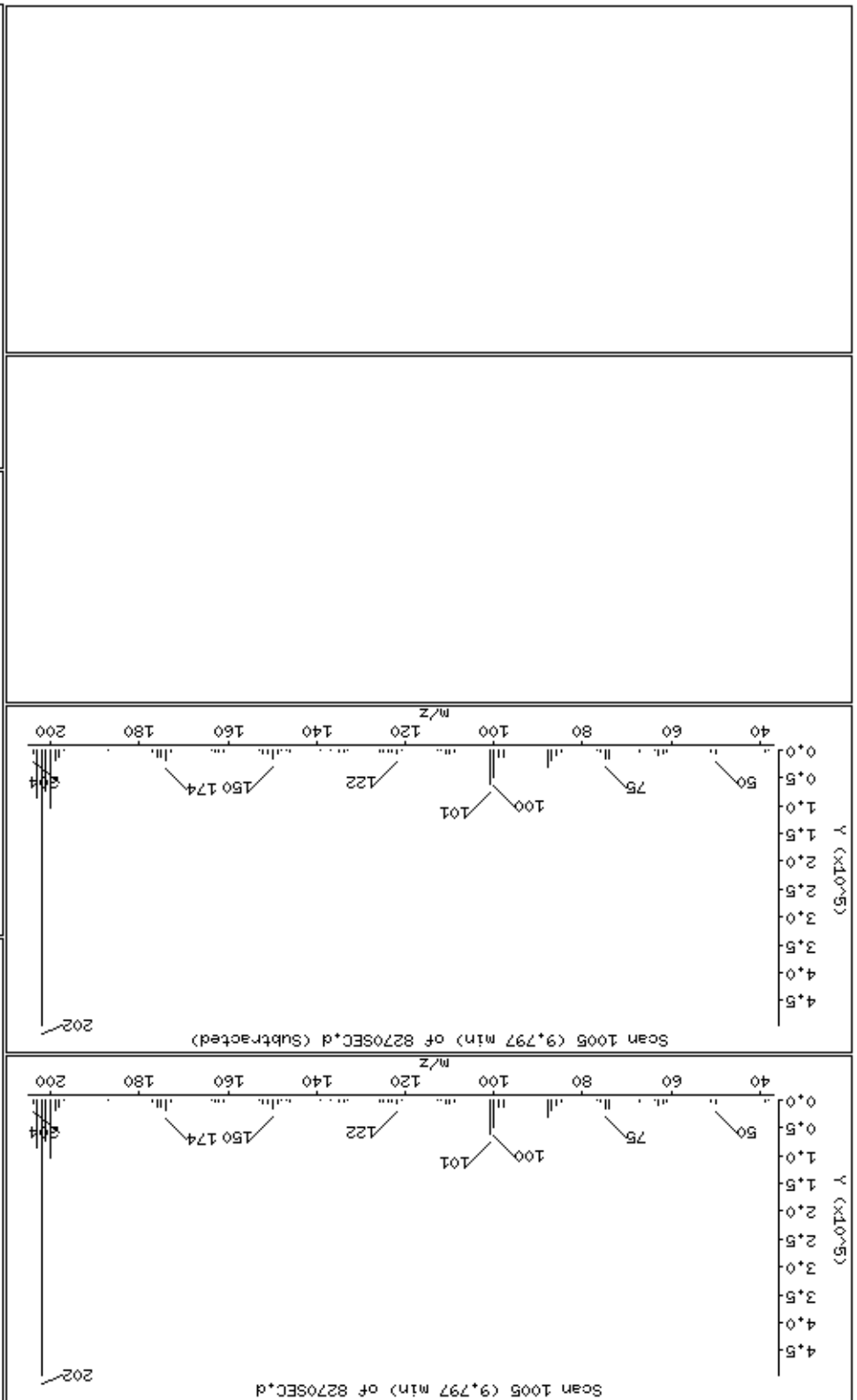
Column phase: HPMS-5

Column diameter: 0,25

105 Di-n-butylphthalate

Concentration: 50,2 ug/kg





Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

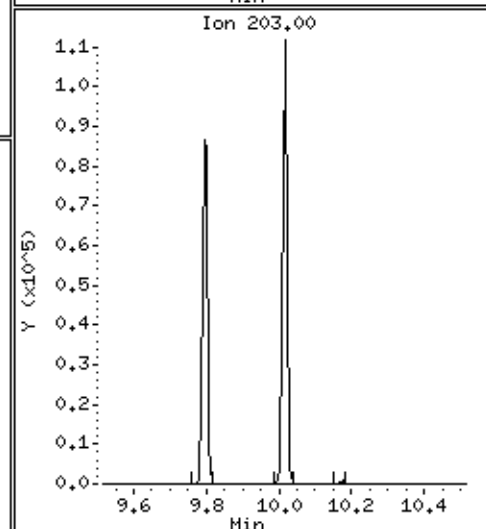
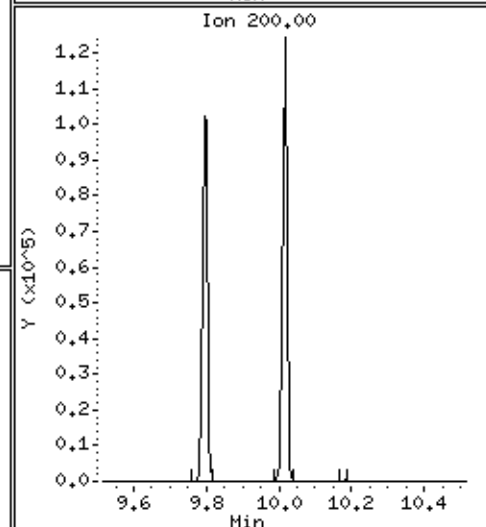
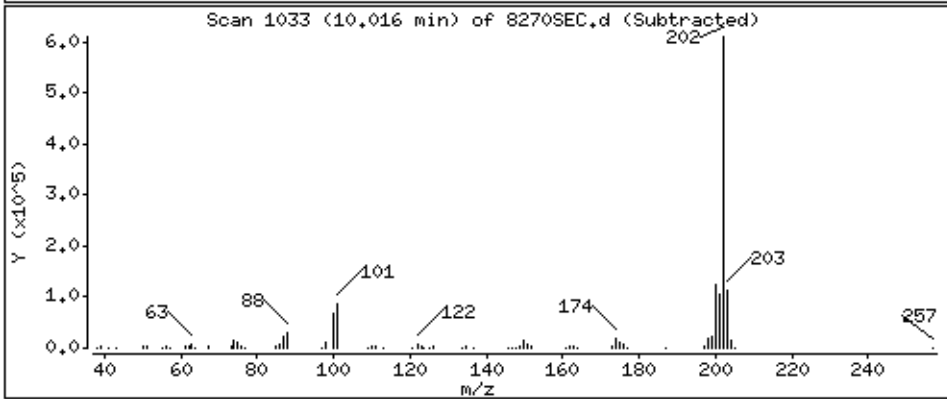
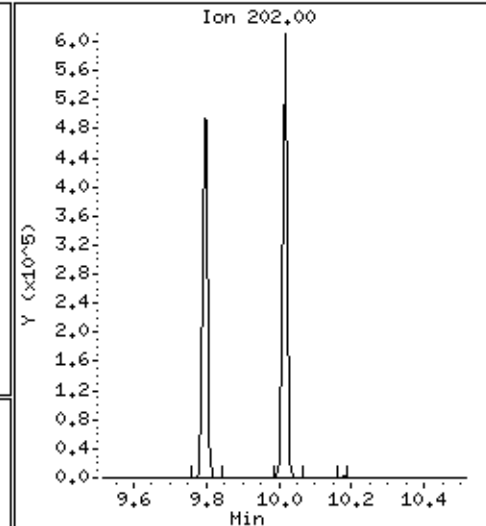
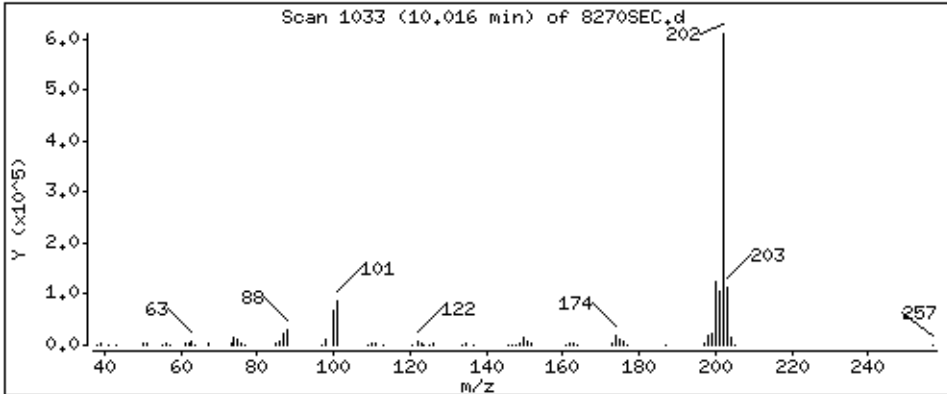
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

111 Pyrene

Concentration: 50,3 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

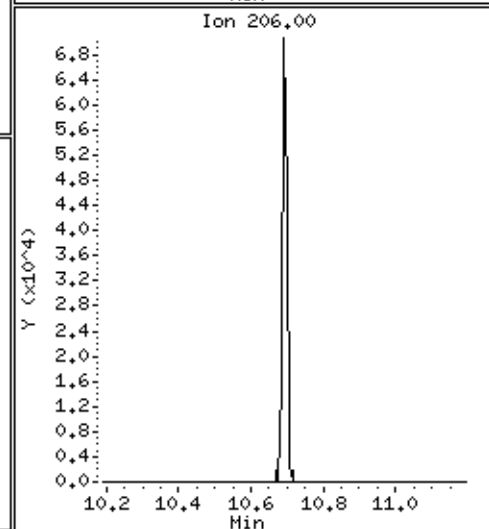
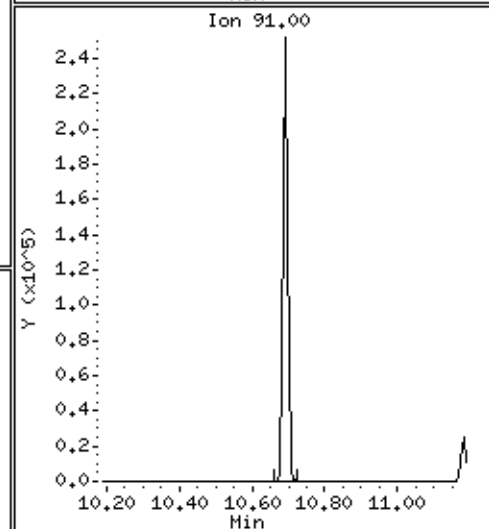
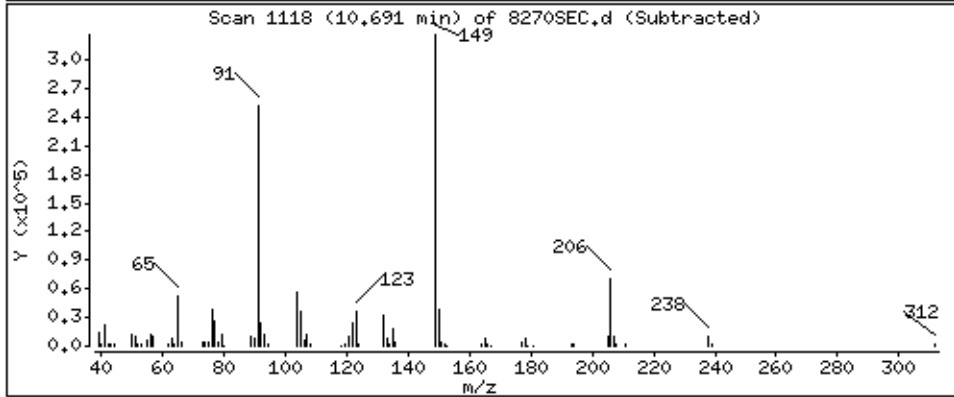
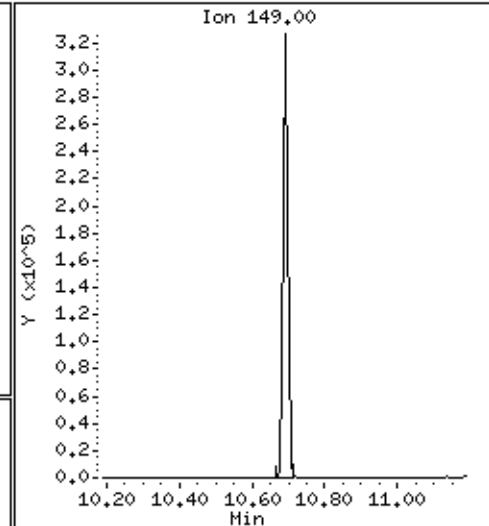
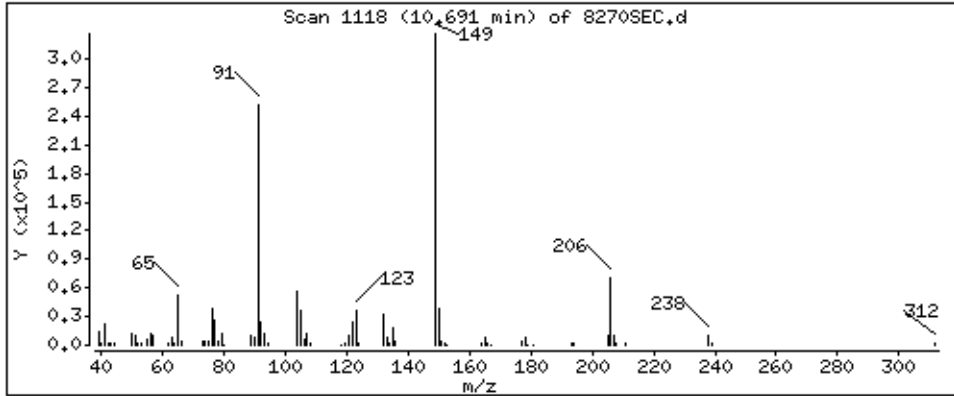
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

118 Butylbenzylphthalate

Concentration: 54,0 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

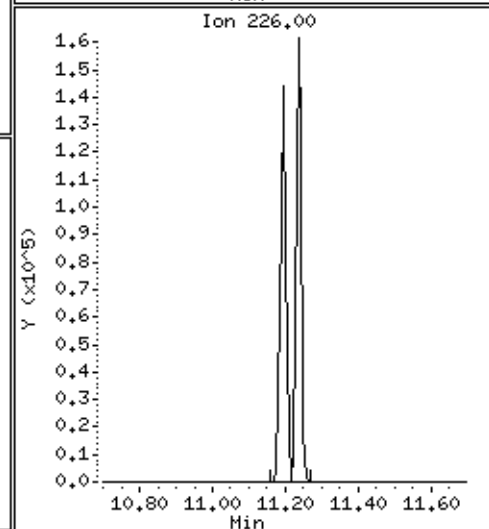
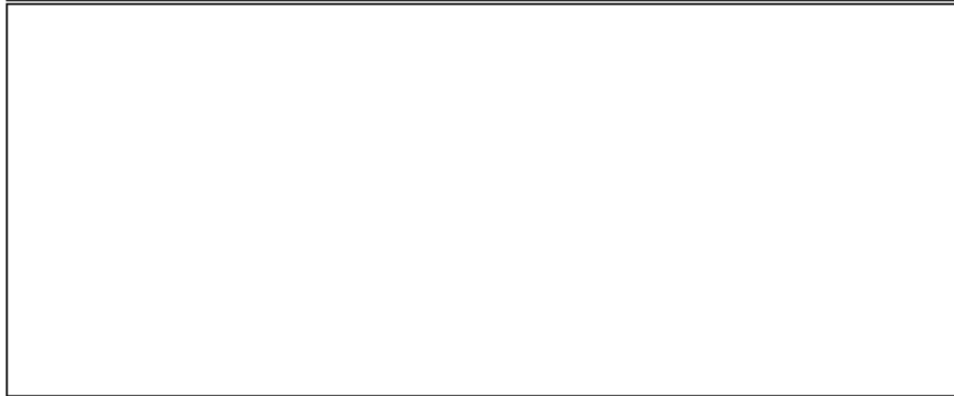
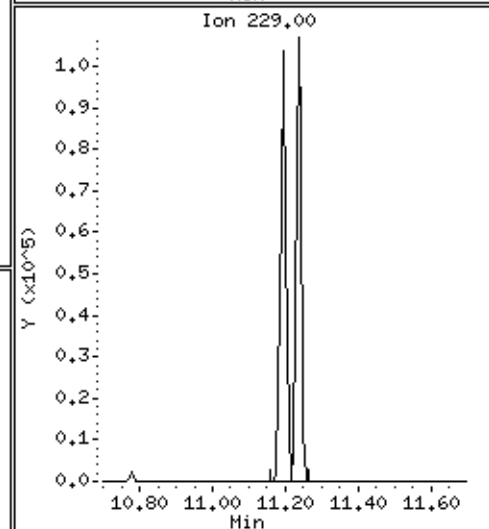
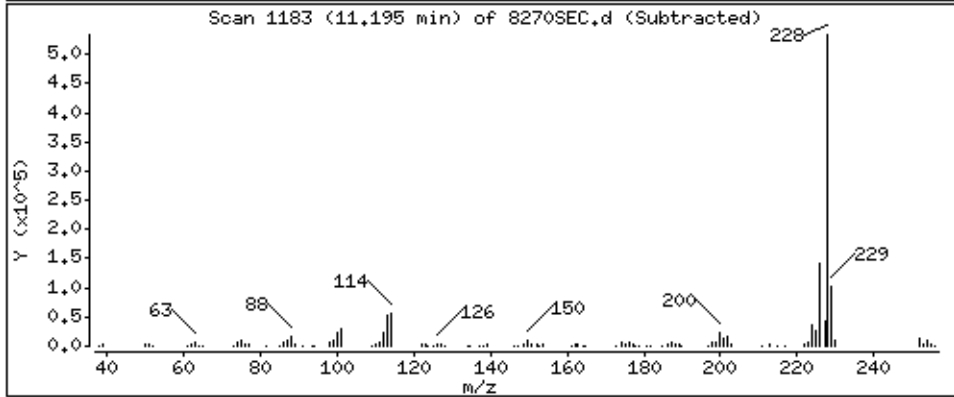
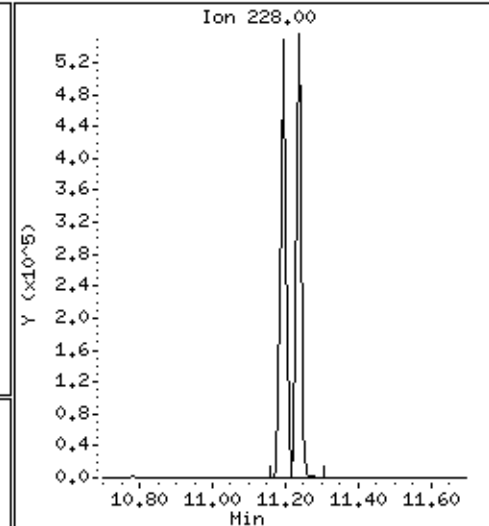
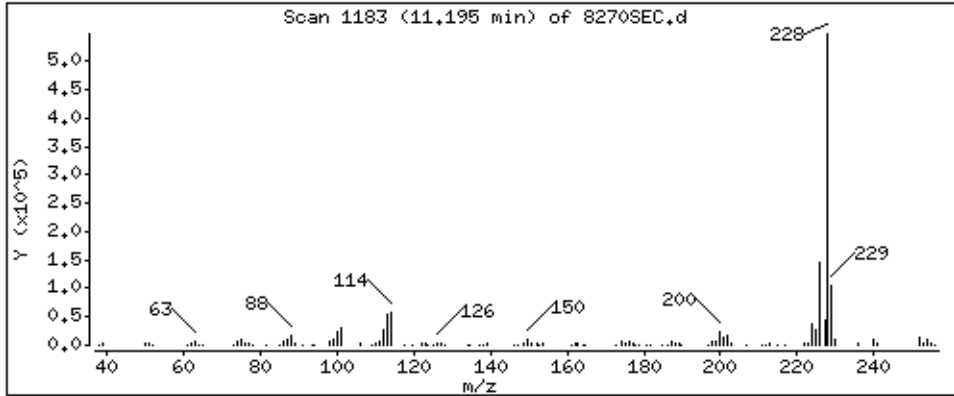
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

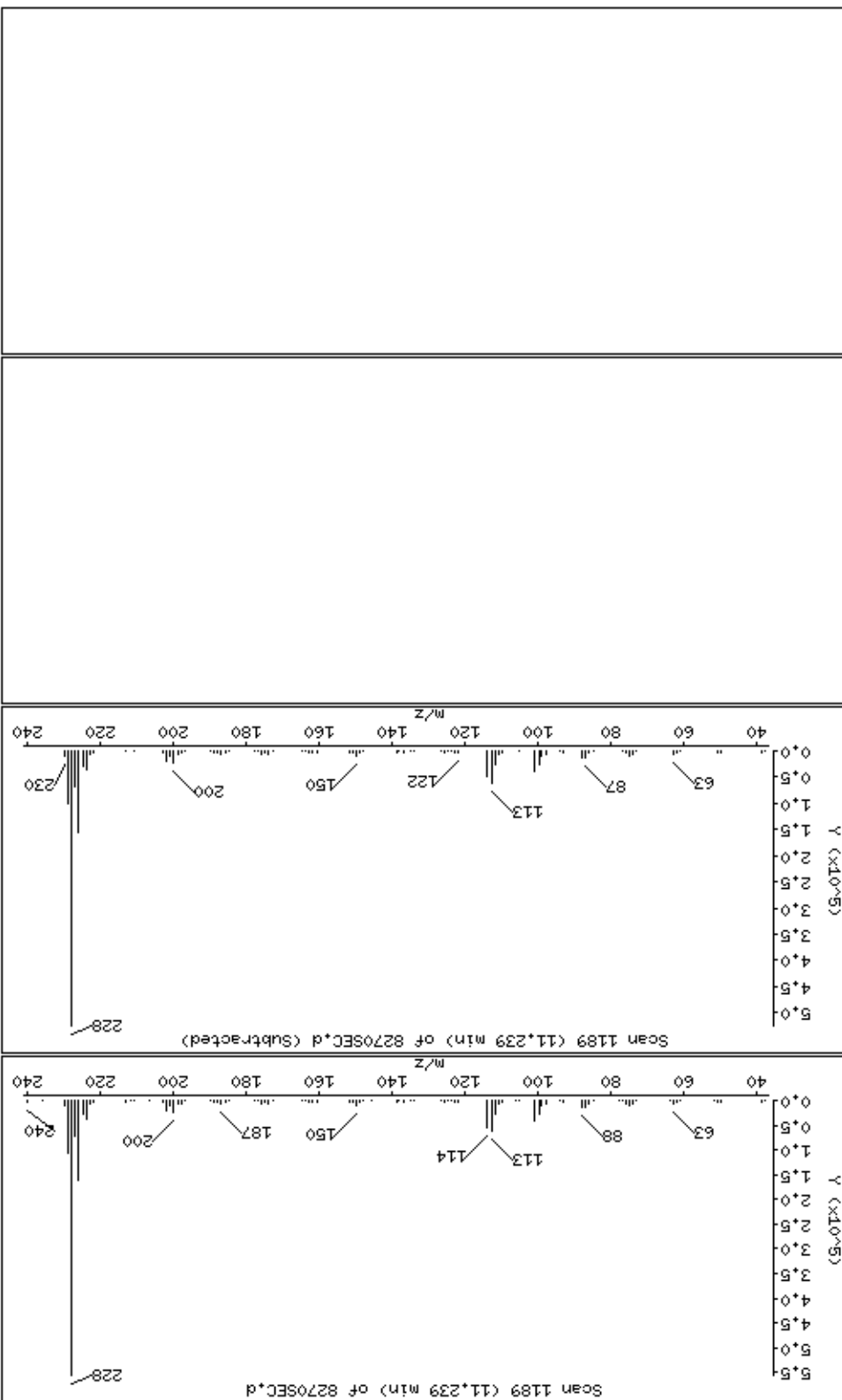
120 Benzo[*a*]anthracene

Concentration: 50,8 ug/kg



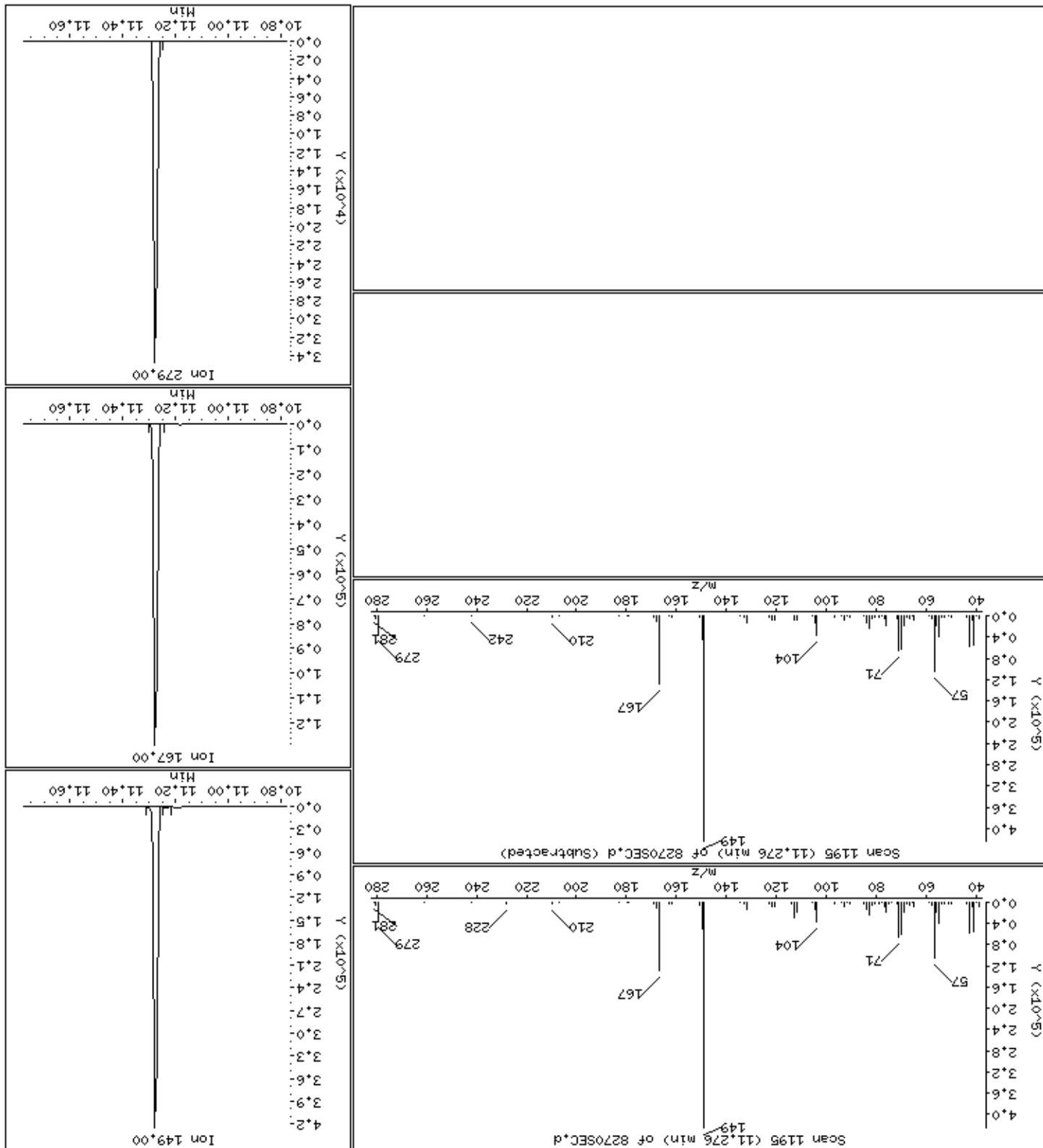


123 Chrysene



124 Bis-2-Ethylhexylphthalate

Column phase: HPMS-5



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

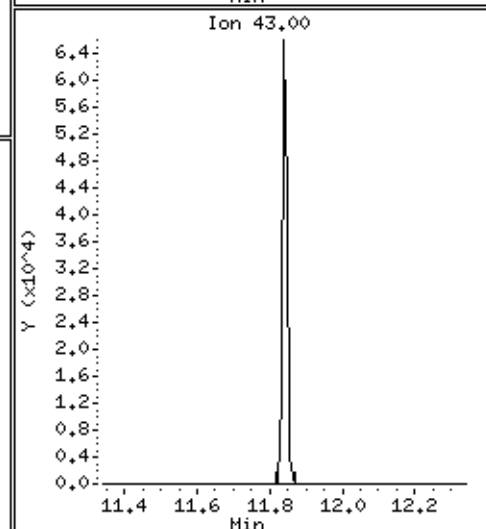
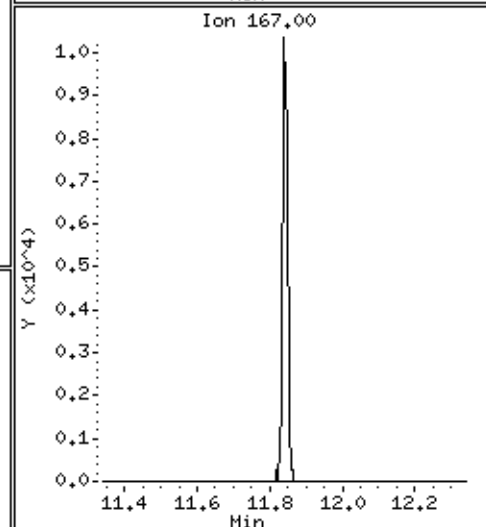
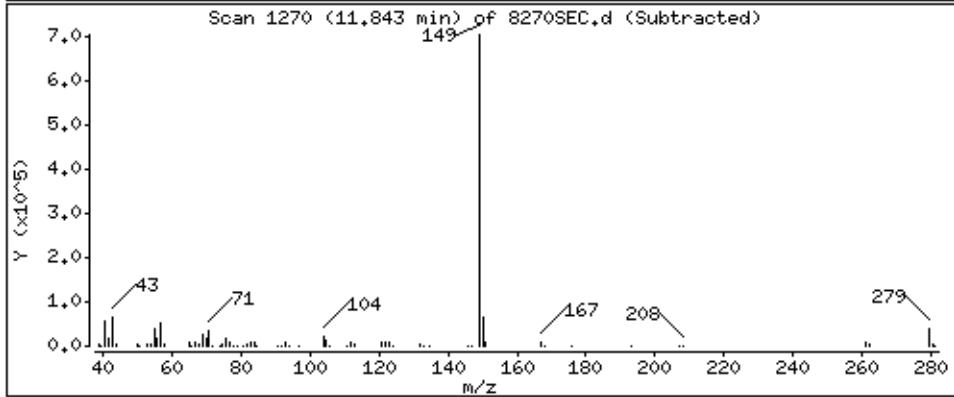
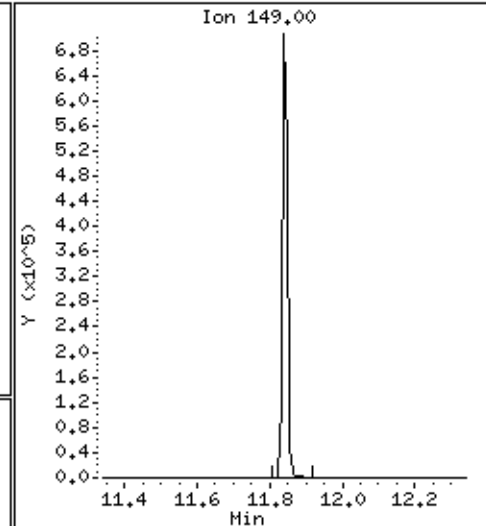
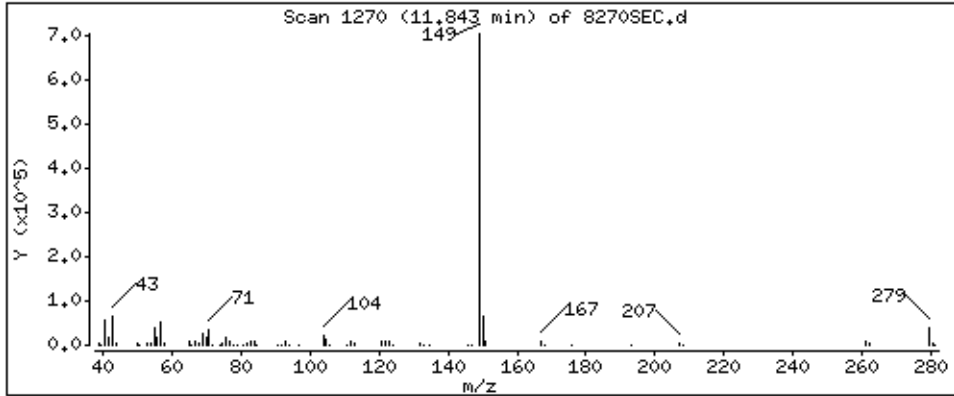
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

125 Di-n-octylphthalate

Concentration: 49,5 ug/kg



Date: 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.1

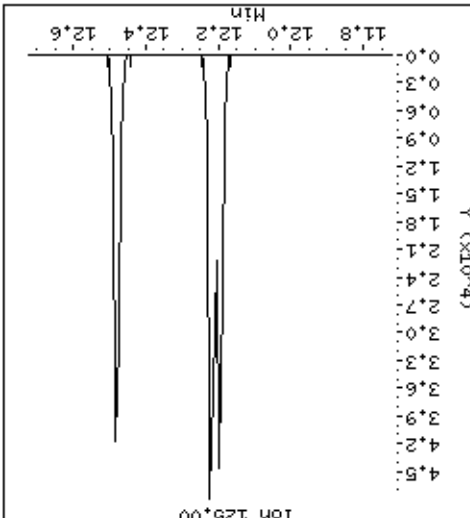
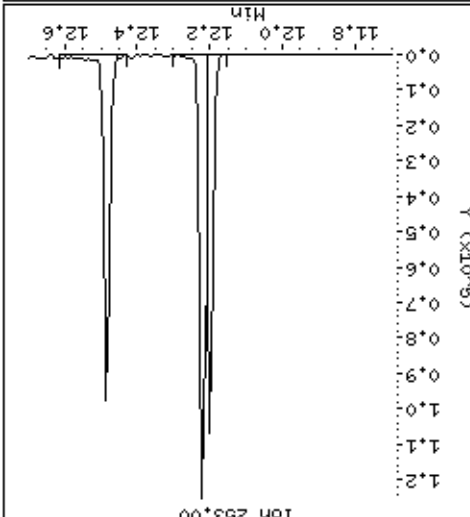
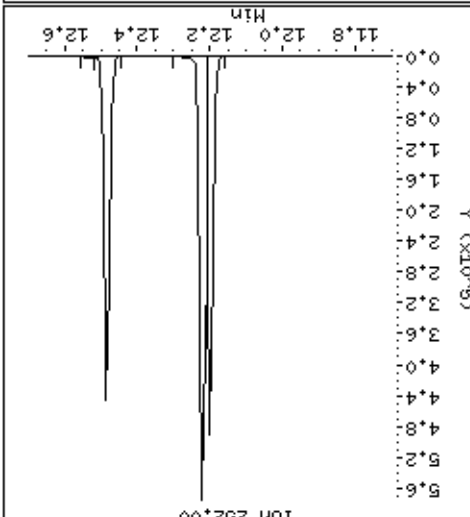
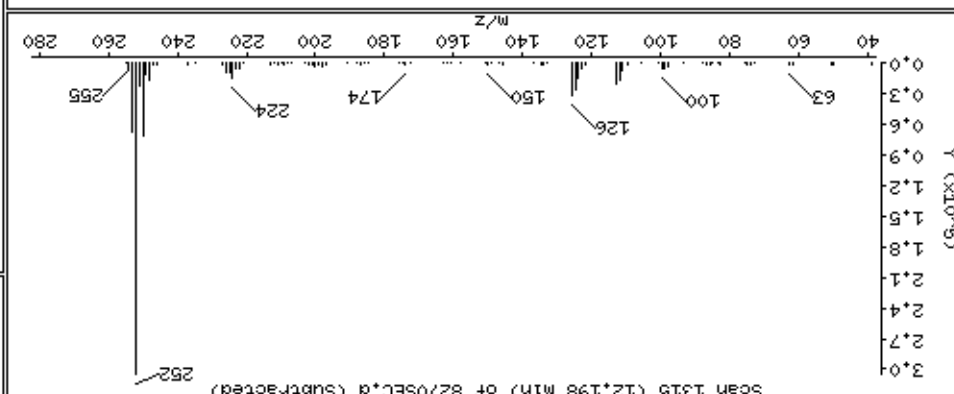
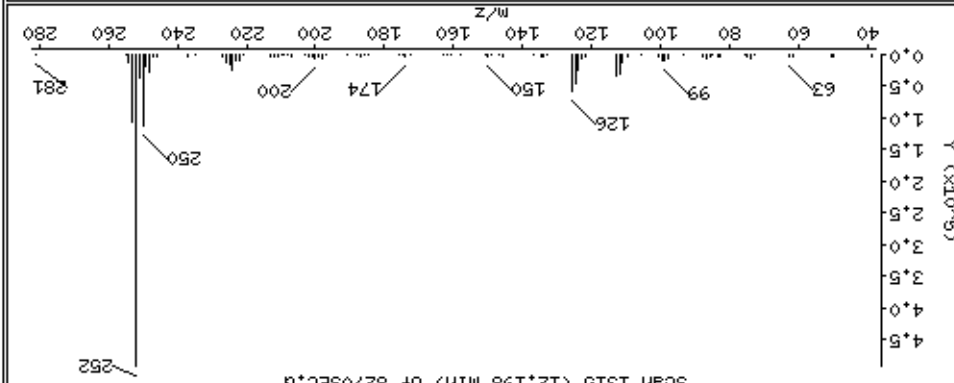
Sample Info: 47770

Operator: MJ

Column diameter: 0.25

127 Benzol[b]fluoranthene

Concentration: 48.2 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

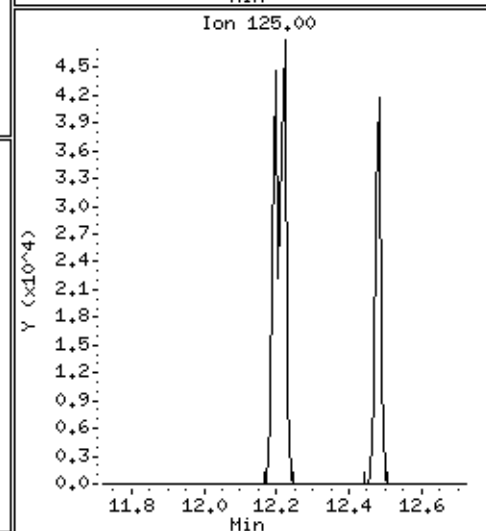
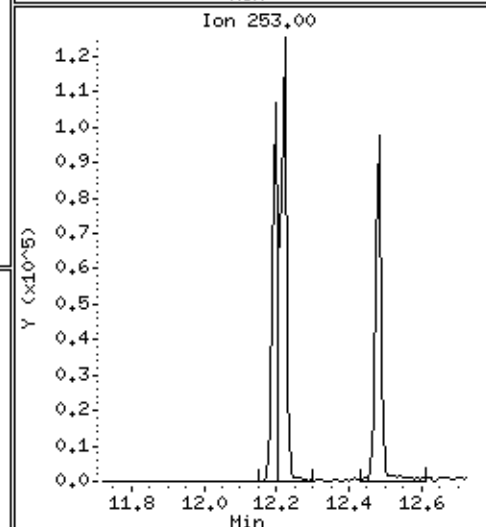
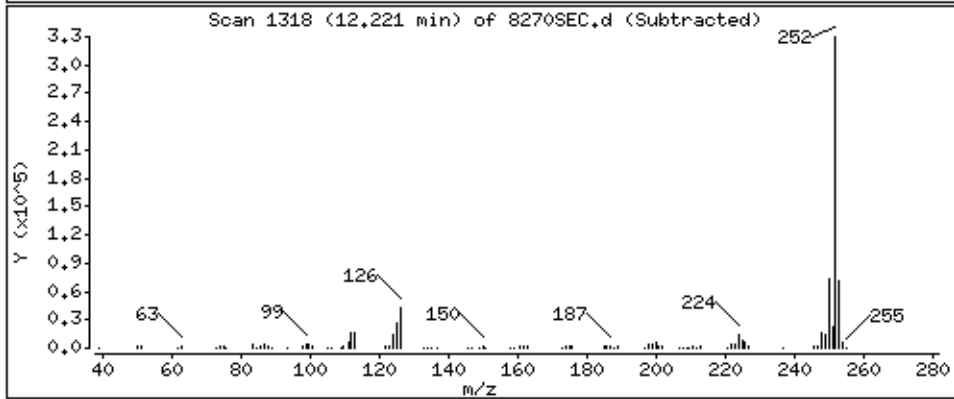
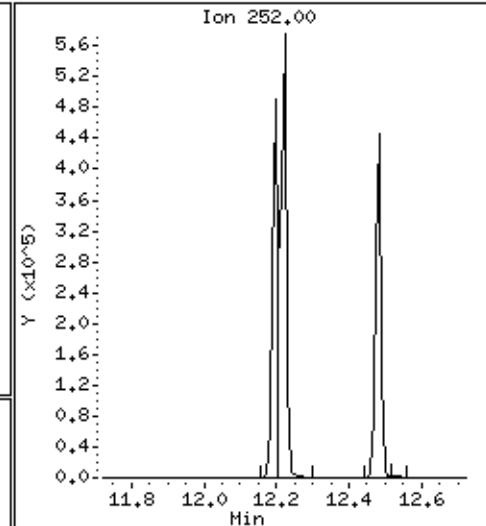
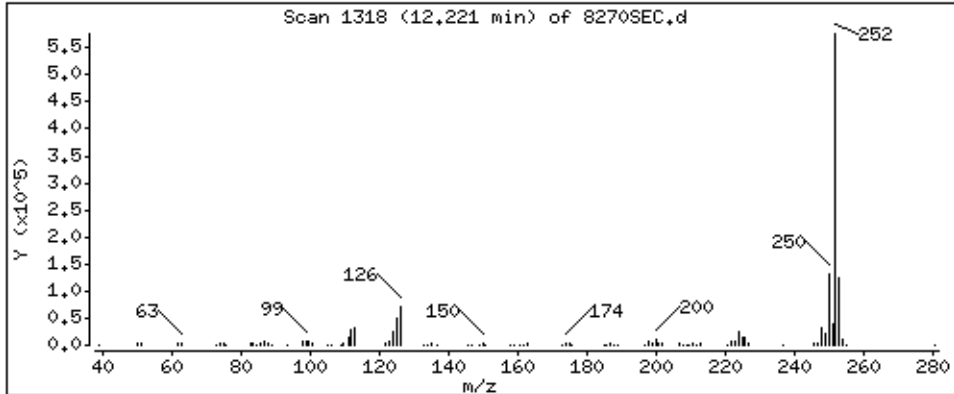
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

128 Benzo[k]fluoranthene

Concentration: 47,7 ug/kg



Date : 15-NOV-2012 01:07

Client ID: 8270SEC

Instrument: smsd04.i

Sample Info: 47770

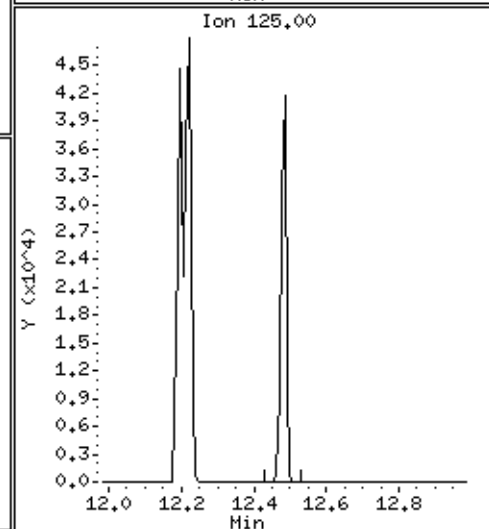
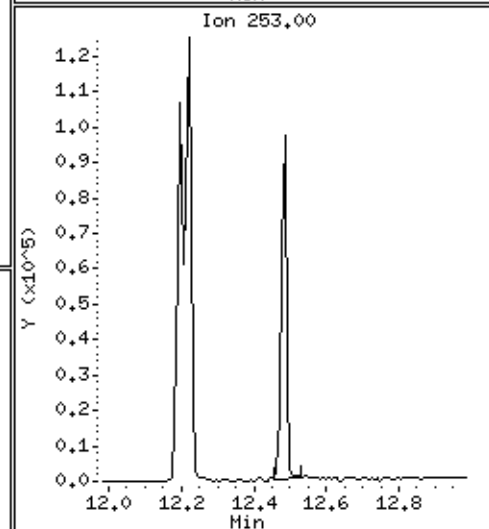
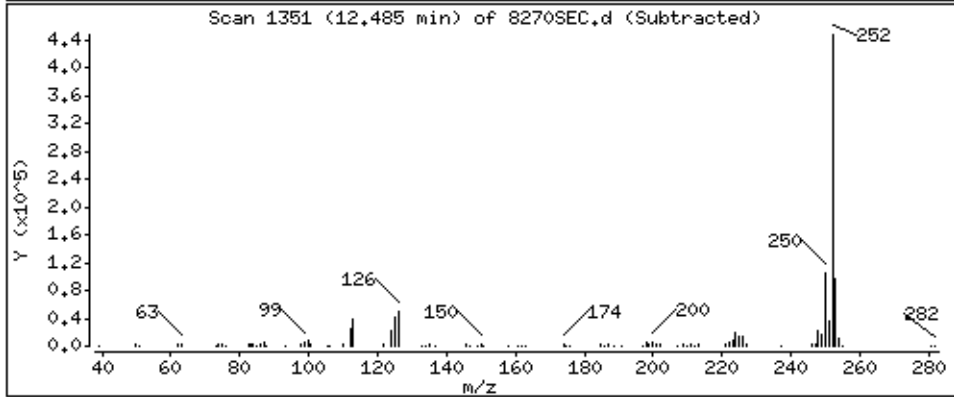
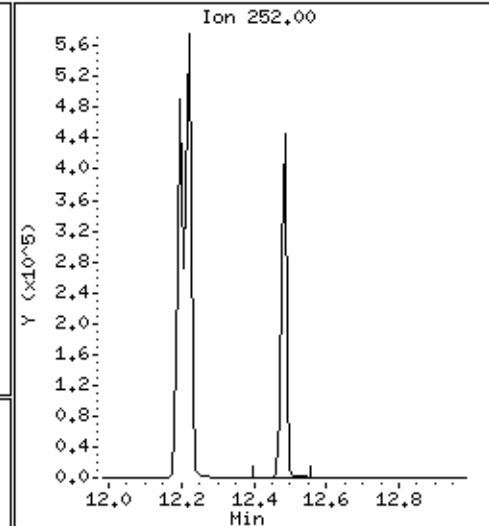
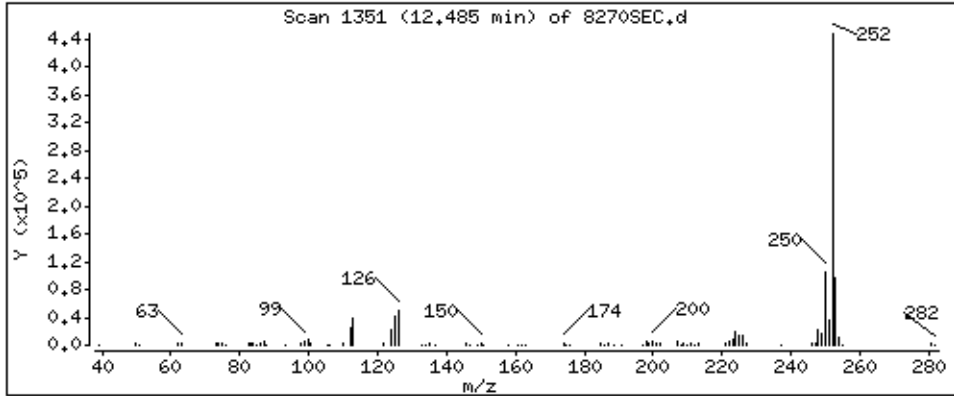
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

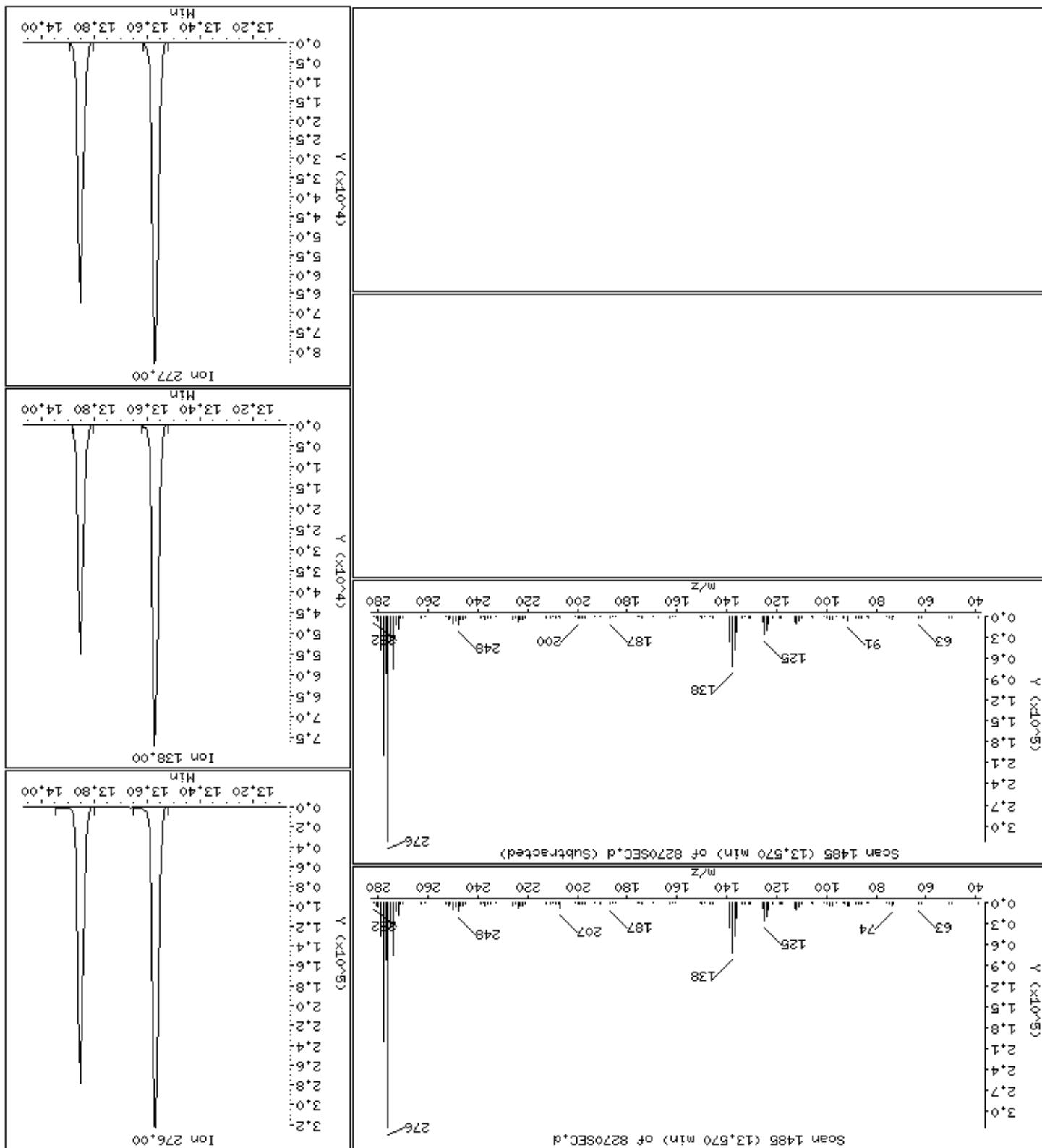
129 Benzo[a]pyrene

Concentration: 49,8 ug/kg



133 Indeno[1,2,3-cd]pyrene

Column phase: HPMS-5



Date: 15-NOV-2012 01:07

Client ID: 8270SEC

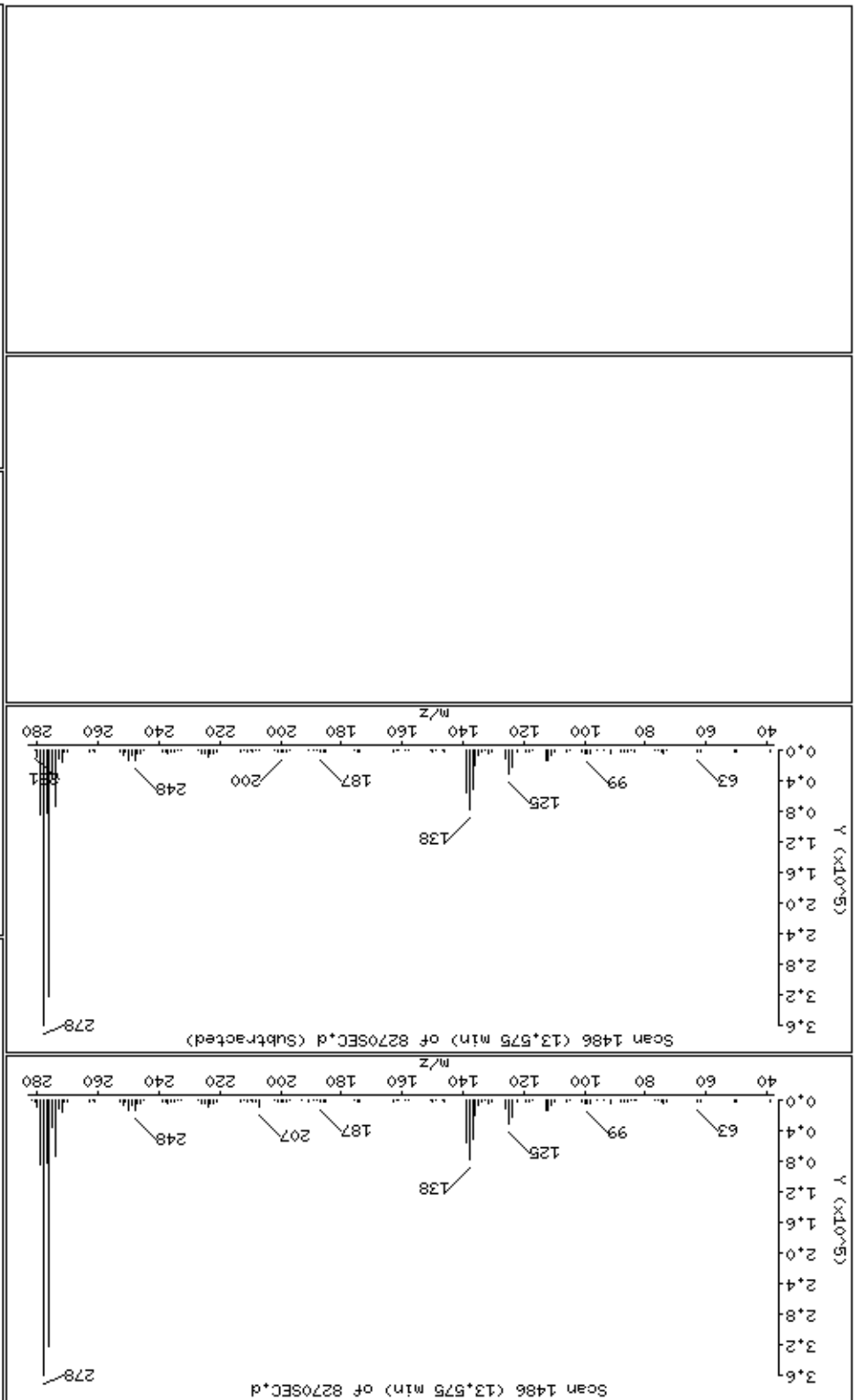
Sample Info: 47770

Operator: MJ

Column diameter: 0.25

Concentration: 50.5 ug/kg

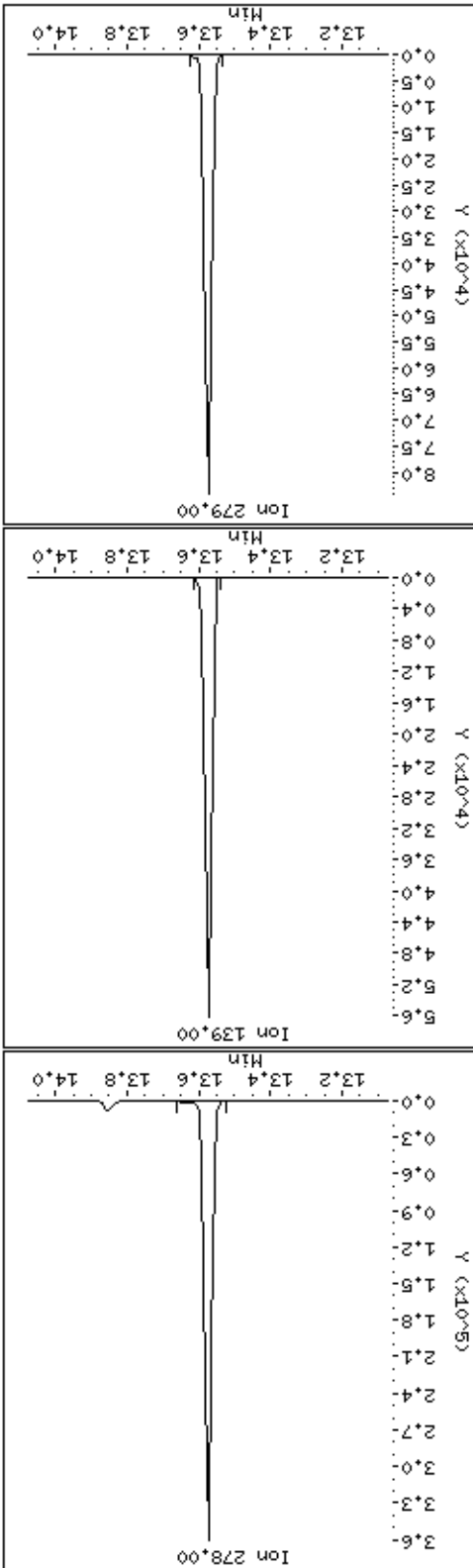
134 Dibenzo[a,h]anthracene



Ion 278.00

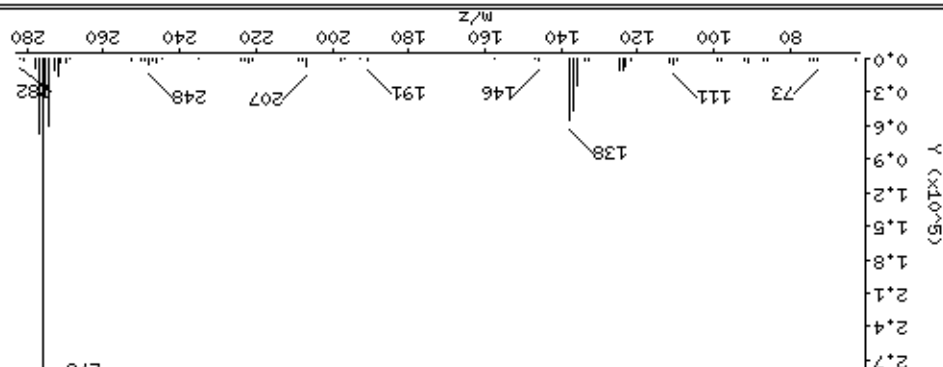
Ion 139.00

Ion 279.00

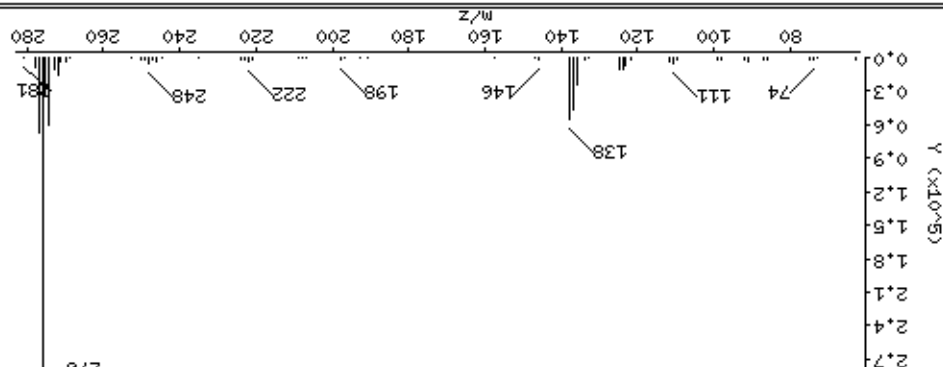




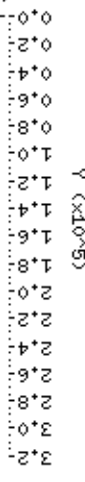
Scan 1521 (13.853 min) of 8270SEC.d



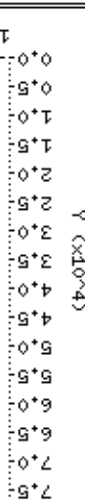
Scan 1521 (13.853 min) of 8270SEC.d (Subtracted)



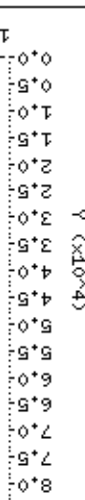
Ion 276+.00



Ion 138+.00



Ion 277+.00



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\DFTPP4.d  
 Lab Smp Id: 47137 Client Smp ID: DFTPP4  
 Inj Date : 15-NOV-2012 01:43 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47137  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\DoDTUN.m  
 Meth Date : 06-Aug-2012 11:47 Quant Type: ISTD  
 Cal Date : 23-MAR-2009 02:58 Cal File: AP9CAL1.D  
 Als bottle: 1 QC Sample: DFTPP  
 Dil Factor: 1.00000  
 Integrator: HP RTE Compound Sublist: all.sub  
 Target Version: 4.14 Sample Matrix: WATER  
 Processing Host: WETCHEMDX500

Concentration Formula: Amt \* DF \* Uf \* Vf \* Vi \* CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	1.000	Injection Volume
Cpnd Variable		Local Compound Variable

CONCENTRATIONS									
ON-COL FINAL									
RT	EXP RT	REL RT	MASS	RESPONSE	( ug/L)	( ug/L)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
1 dftpp					CAS #: 5074-71-5				
7.469	7.410	( 0.000)	198	153984			0.00-	100.00	100.00
7.469	7.410	( 0.000)	51	66496			10.00-	80.00	43.18
7.469	7.410	( 0.000)	68	0	0.0	0.0	0.00-	2.00	0.00
7.469	7.410	( 0.000)	69	84864			0.00-	0.00	55.11
7.469	7.410	( 0.000)	70	0	0.0	0.0	0.00-	2.00	0.00
7.469	7.410	( 0.000)	127	76168			10.00-	80.00	49.46
7.469	7.410	( 0.000)	197	0	0.0	0.0	0.00-	2.00	0.00
7.469	7.410	( 0.000)	199	10698			5.00-	9.00	6.95
7.469	7.410	( 0.000)	275	38400			10.00-	60.00	24.94
7.469	7.410	( 0.000)	365	4584			1.00-	0.00	2.98
7.469	7.410	( 0.000)	441	19176			0.01-	24.00	17.08
7.469	7.410	( 0.000)	442	112304			50.00-	0.00	72.93
7.469	7.410	( 0.000)	443	22312			15.00-	24.00	19.87

Data File: \\sveco04\DD\chem\smsd04\541114SScal\*B\DFTPP4.d

Date : 15-NOV-2012 01:43

Client ID: DFTPP4

Sample Info: 47137

Volume Injected (uL): 1.0

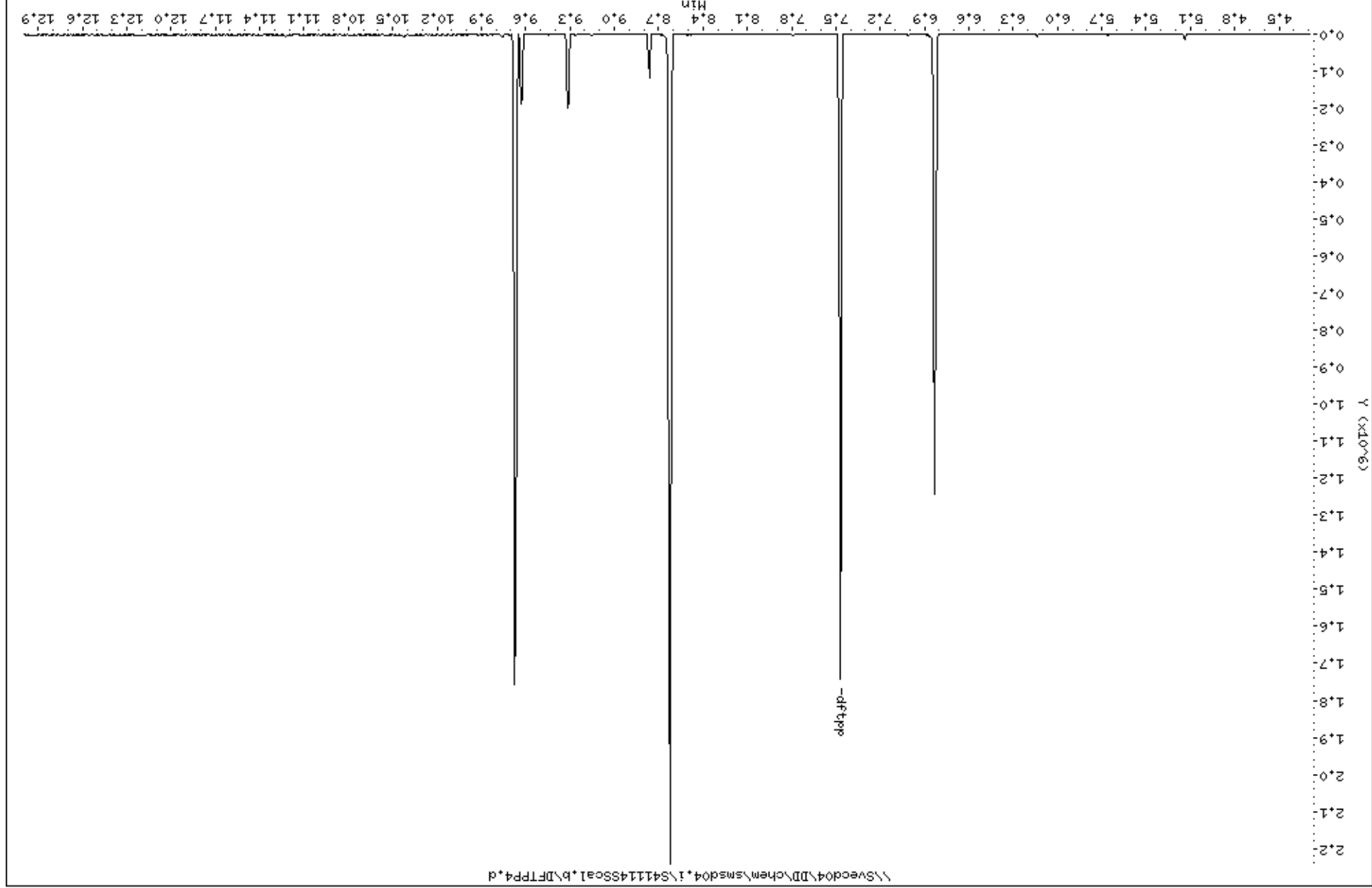
Column phase:

\\sveco04\DD\chem\smsd04\541114SScal\*B\DFTPP4.d

Column diameter: 2.00

Operator: MJ

Instrument: smsd04.i



Date : 15-NOV-2012 01:43

Client ID: DFTPP4

Instrument: smsd04.i

Sample Info: 47137

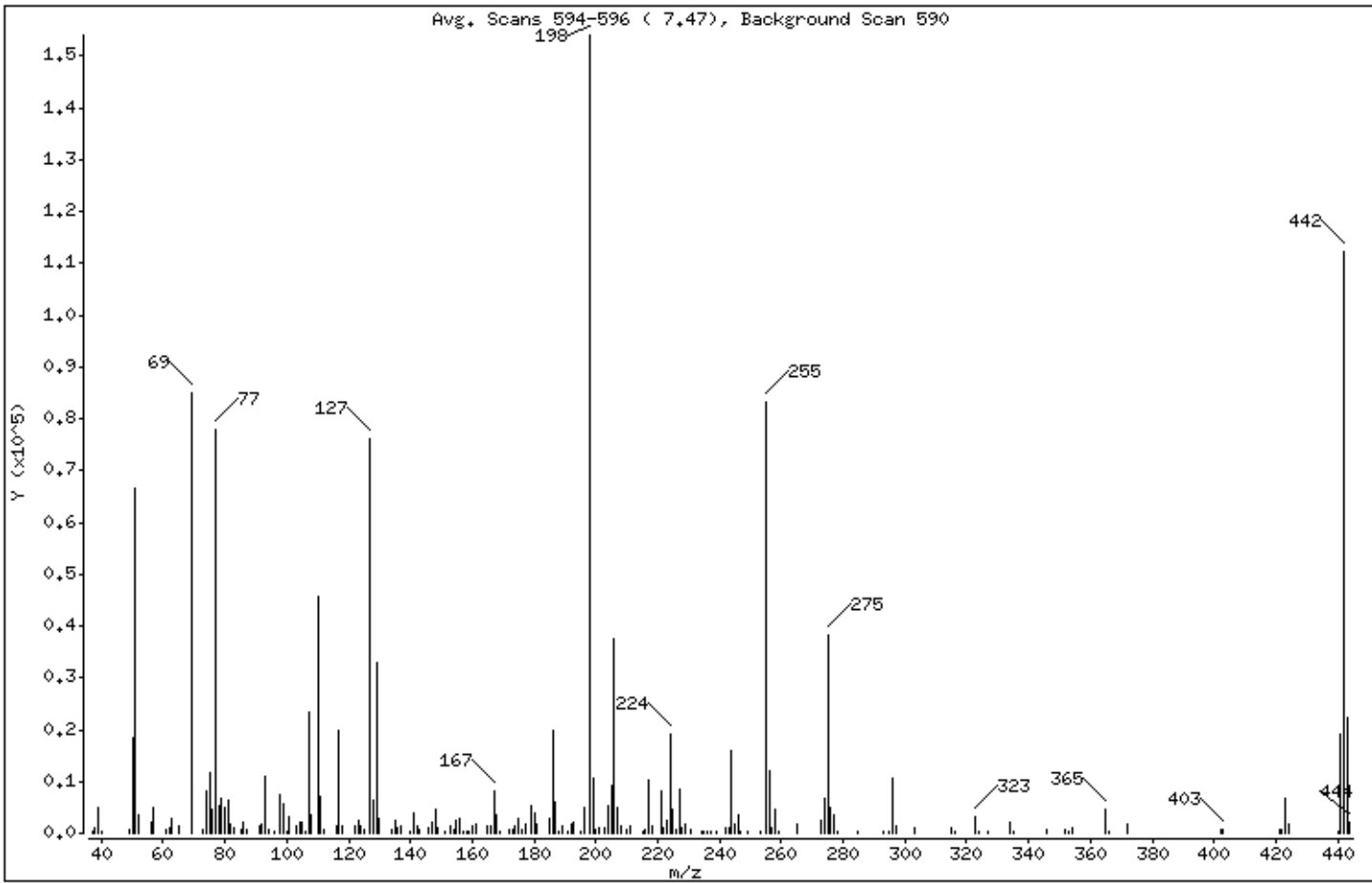
Volume Injected (uL): 1.0

Operator: MJ

Column phase:

Column diameter: 2.00

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	10.00 - 80.00% of mass 198	43.18
68	Less than 2.00% of mass 69	0.00 ( 0.00)
69	Mass 69 relative abundance	55.11
70	Less than 2.00% of mass 69	0.00 ( 0.00)
127	10.00 - 80.00% of mass 198	49.46
197	Less than 2.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.95
275	10.00 - 60.00% of mass 198	24.94
365	Greater than 1.00% of mass 198	2.98
441	0.01 - 24.00% of mass 442	12.45 ( 17.08)
442	Greater than 50.00% of mass 198	72.93
443	15.00 - 24.00% of mass 442	14.49 ( 19.87)

Data File: DFTPP4.d  
Spectrum: Avg. Scans 594-596 ( 7.47), Background Scan 590  
Location of Maximum: 198.00  
Number of points: 186

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	228	116.00	1276	185.00	2999	249.00	294
38.00	931	117.00	19776	186.00	19888	253.00	263
39.00	5003	118.00	1418	187.00	5905	255.00	83200
40.00	229	122.00	1562	188.00	255	256.00	11904
49.00	782	123.00	2550	189.00	1389	257.00	979
50.00	18376	124.00	1256	191.00	506	258.00	4495
51.00	66496	125.00	698	192.00	1829	259.00	507
52.00	3389	127.00	76168	193.00	2044	265.00	1794
56.00	2279	128.00	6314	195.00	328	273.00	2537
57.00	4783	129.00	32968	196.00	5095	274.00	6850
61.00	670	130.00	2692	198.00	153984	275.00	38400
62.00	1238	134.00	800	199.00	10698	276.00	5072
63.00	2917	135.00	2652	200.00	549	277.00	3422
65.00	1252	136.00	1034	201.00	913	278.00	337
69.00	84864	137.00	1463	203.00	1130	285.00	308
73.00	601	140.00	242	204.00	5246	293.00	476
74.00	8254	141.00	3898	205.00	9096	295.00	317
75.00	11712	142.00	1527	206.00	37384	296.00	10646
76.00	4548	143.00	717	207.00	5081	297.00	1592
77.00	78048	146.00	1074	208.00	1306	303.00	1183
78.00	5344	147.00	2042	210.00	603	315.00	1109
79.00	6885	148.00	4582	211.00	1525	316.00	344
80.00	4925	149.00	1060	215.00	248	323.00	3223
81.00	6471	151.00	230	216.00	736	324.00	296
82.00	1694	153.00	1504	217.00	10244	327.00	518
83.00	1231	154.00	729	218.00	1415	334.00	2262
85.00	706	155.00	2373	221.00	7982	335.00	333
86.00	2180	156.00	2870	222.00	896	346.00	580
87.00	785	157.00	454	223.00	2575	352.00	838
91.00	1530	158.00	267	224.00	19184	353.00	283
92.00	1606	159.00	231	225.00	4666	354.00	1097
93.00	10812	160.00	1346	226.00	855	365.00	4584
94.00	575	161.00	1733	227.00	8664	366.00	263
96.00	227	165.00	1389	228.00	1223	372.00	1938
98.00	7526	166.00	1254	229.00	1699	402.00	534

Data File: \\Svevod04\DD\chen\smsd04\1541114SScal1.B\DFTPP4.d

Date: 15-NOV-2012 01:43

Client ID: DFTPP4

Instrument: smsd04.1

Sample Info: 47137

Operator: MJ

Volume Injected (uL): 1.0

Column diameter: 2.00

Column phase:

Data File: DFTPP4.d  
Spectrum: Avg. Scans 594-596 ( 7.47), Background Scan 590  
Location of Maximum: 198.00  
Number of points: 186

m/z	Y	m/z	Y	m/z	Y	m/z	Y
99.00	5701	167.00	7967	231.00	729	403.00	805
100.00	483	168.00	3593	234.00	221	421.00	717
101.00	3085	169.00	309	235.00	224	422.00	665
103.00	1409	172.00	637	236.00	262	423.00	6593
104.00	2143	173.00	865	237.00	272	424.00	1788
105.00	1974	174.00	1434	239.00	261	440.00	298
106.00	366	175.00	2886	242.00	1172	441.00	19176
107.00	23496	176.00	836	243.00	991	442.00	112304
108.00	3661	177.00	1616	244.00	15985	443.00	22312
110.00	45784	179.00	5317	245.00	1869	444.00	2006
111.00	7086	180.00	3933	246.00	3407		
112.00	646	181.00	1885	247.00	228		

DFTPP TUNE/TAILING FACTOR/DEGRADATION SAMPLE AND GRAPHIC REPORT

Report Date: 11/15/2012 18:38

Datafile Analyzed: //Svecd04/DD/chem/smsd04.i/S41114SS.b/DFTPP4.d  
DFTPP TUNE/TAILING FACTOR/DEGRADATION SAMPLE AND GRAPHIC REPORT

Report Date: 11/26/2012 18:05

Datafile Analyzed: //Svecd04/DD/chem/smsd04.i/S41114SScal.b/DFTPP4.d

PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\BSCAL7.d  
 Lab Smp Id: 47885 Client Smp ID: BSCAL7  
 Inj Date : 15-NOV-2012 02:01 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47885  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 09:25 Cal File: AP9CAL7.d  
 Als bottle: 31 Calibration Sample, Level: 7  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: BZSOWcal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
9 Benzaldehyde CAS #: 100-52-7									
3.929	3.929	( 0.915)	77	253063	100.000		80.00- 120.00	100.00(aQ)	
3.929	3.929	( 0.915)	106	208913			52.13- 112.13	82.55	
3.929	3.929	( 0.915)	51	116873			17.54- 77.54	46.18	
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.294	4.294	( 1.000)	152	79592	40.0000		80.00- 120.00	100.00	
4.294	4.294	( 1.000)	115	50430			34.81- 94.81	63.36	
4.294	4.294	( 1.000)	150	124078			126.51- 186.51	155.89	
25 Acetophenone CAS #: 98-86-2									
4.674	4.675	( 0.856)	105	402593	100.000		80.00- 120.00	100.00(Q)	
4.674	4.675	( 0.856)	77	372084			60.51- 120.51	92.42	
4.673	4.674	( 0.856)	51	120804			1.60- 61.60	30.01	
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.462	5.463	( 1.000)	136	273494	40.0000		80.00- 120.00	100.00	
5.462	5.463	( 1.000)	68	21085			0.00- 37.51	7.71	
50 Caprolactam CAS #: 105-60-2									
5.849	5.836	( 1.071)	55	125995	100.000		80.00- 120.00	100.00(aQ)	



AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
50 Caprolactam (continued)									
5.849	5.836	( 1.071)	113	88809			40.21-	100.21	70.49
5.850	5.836	( 1.071)	85	65737			19.92-	79.92	52.17
-----									
61 1,1-Biphenyl						CAS #: 92-52-4			
6.598	6.598	( 0.921)	154	713405	100.000		80.00-	120.00	100.00(aQ)
6.598	6.597	( 0.921)	76	106042			0.00-	46.03	14.86
6.598	6.597	( 0.921)	51	51207			0.00-	37.80	7.18
-----									
* 70 Acenaphthene-d10						CAS #: 15067-26-2			
7.166	7.167	( 1.000)	164	181519	40.0000		80.00-	120.00	100.00
7.166	7.168	( 1.000)	162	172860			66.12-	126.12	95.23
7.166	7.167	( 1.000)	160	74384			13.21-	73.21	40.98
-----									
95 Atrazine						CAS #: 1912-24-9			
8.370	8.364	( 0.973)	200	204925	100.000		80.00-	120.00	100.00(aQ)
8.369	8.363	( 0.973)	58	88762			14.20-	74.20	43.31
8.370	8.364	( 0.973)	215	105733			20.34-	80.34	51.60
-----									
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.600	8.604	( 1.000)	188	340006	40.0000		80.00-	120.00	100.00
8.599	8.604	( 1.000)	94	35929			0.00-	40.39	10.57
8.599	8.603	( 1.000)	80	40182			0.00-	41.55	11.82
-----									
110 Benzidine						CAS #: 92-87-5			
9.930	9.927	( 0.886)	184	766075	100.000		80.00-	120.00	100.00(aQ)
9.930	9.927	( 0.886)	92	66794			0.00-	38.66	8.72
9.930	9.927	( 0.886)	185	105476			0.00-	43.92	13.77
-----									
122 3,3'-Dichlorobenzidine						CAS #: 91-94-1			
11.185	11.181	( 0.998)	252	454278	100.000		80.00-	120.00	100.00(aQ)
11.185	11.181	( 0.998)	254	291904			34.93-	94.93	64.26
11.184	11.180	( 0.998)	126	51587			0.00-	41.83	11.36
-----									
* 121 Chrysene-d12						CAS #: 1719-03-5			
11.209	11.211	( 1.000)	240	388495	40.0000		80.00-	120.00	100.00
11.208	11.210	( 1.000)	120	39311			0.00-	40.02	10.12
11.209	11.210	( 1.000)	236	95025			0.00-	54.50	24.46
-----									
* 130 Perylene-d12						CAS #: 1520-96-3			
12.532	12.532	( 1.000)	264	339878	40.0000		80.00-	120.00	100.00
12.532	12.533	( 1.000)	260	75191			0.00-	52.70	22.12
12.532	12.532	( 1.000)	265	74084			0.00-	52.11	21.80
-----									

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Date : 15-NOV-2012 02:01

Client ID: BSCAL7

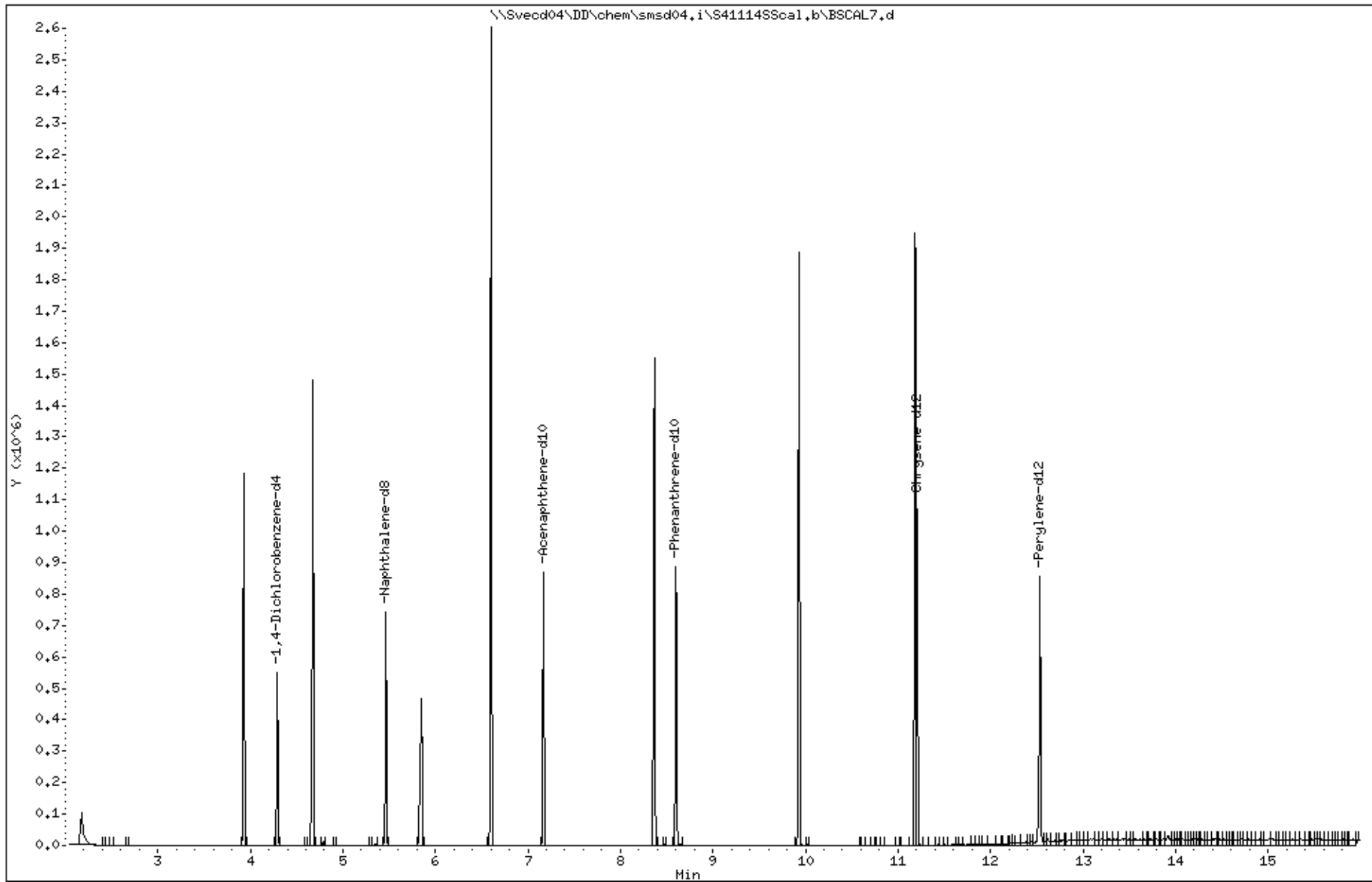
Sample Info: 47885

Instrument: smsd04.i

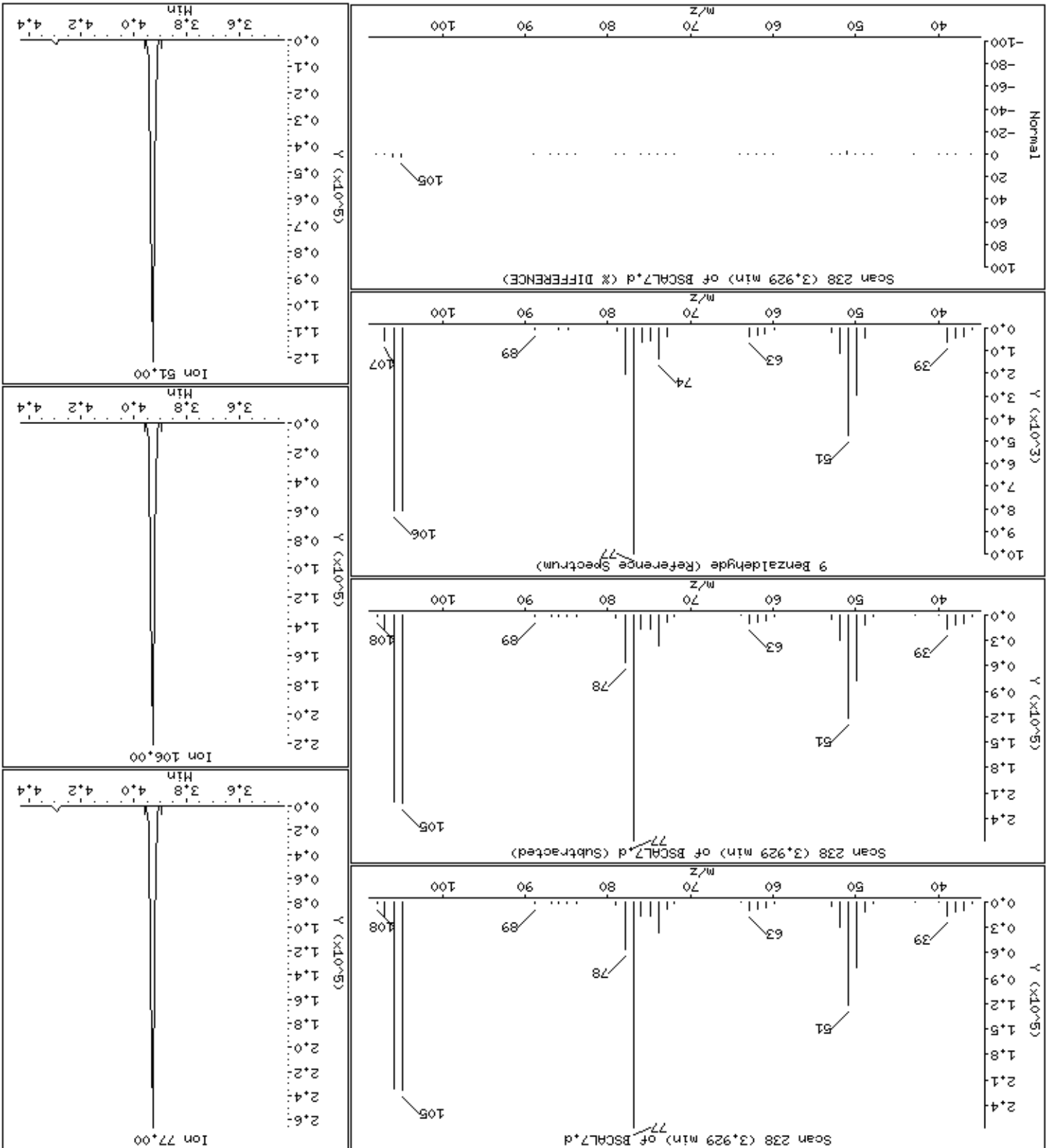
Operator: MJ

Column diameter: 0.25

Column phase: HPMS-5



9 Benzaldehyde



Date : 15-NOV-2012 02:01

Client ID: BSCAL7

Instrument: smsd04.i

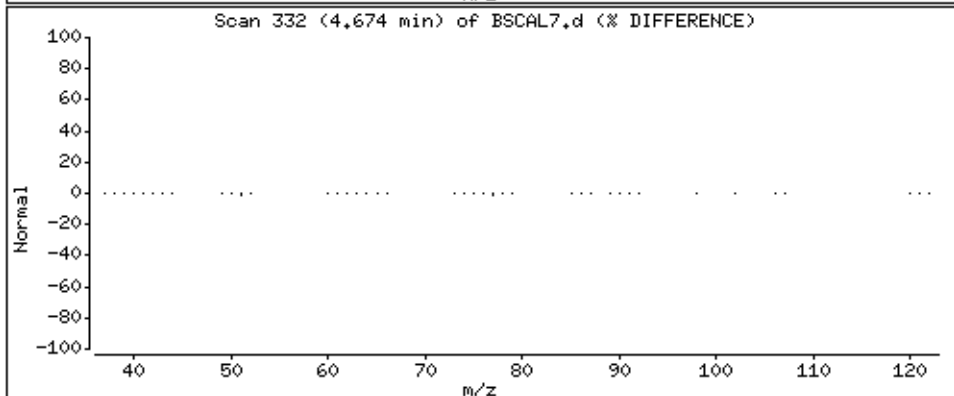
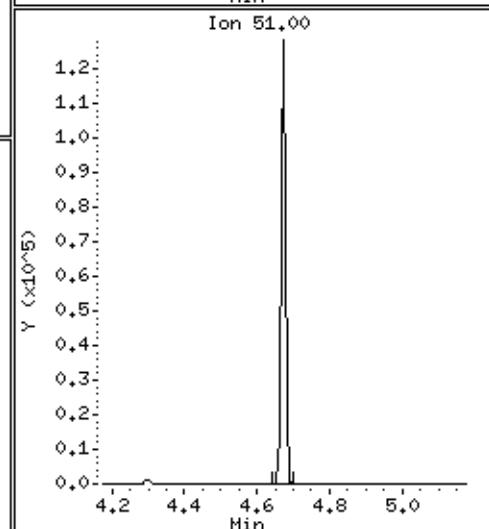
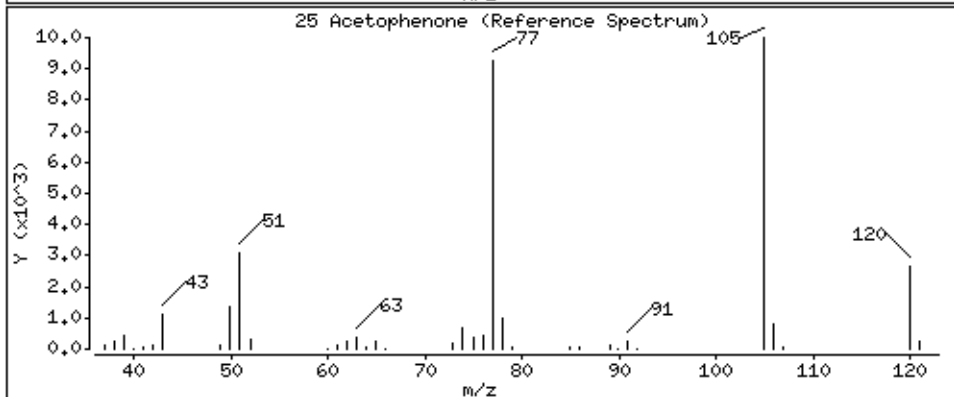
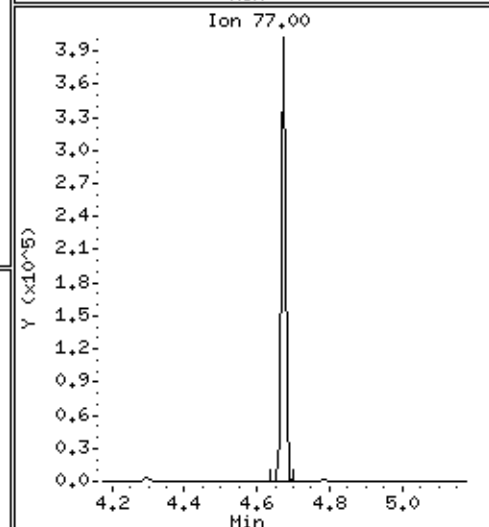
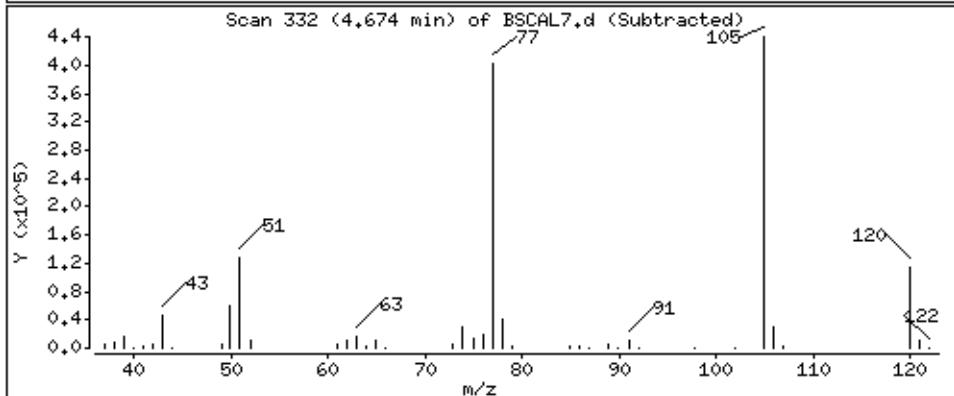
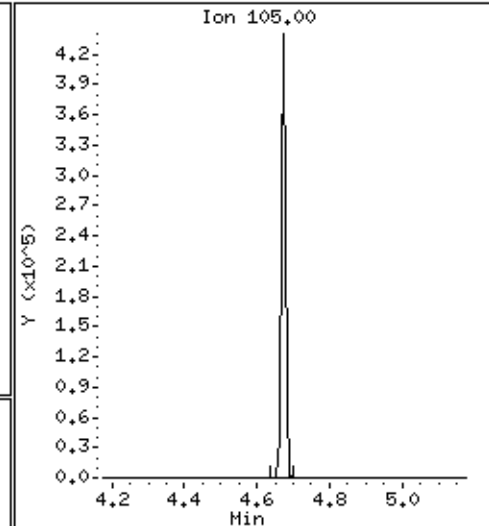
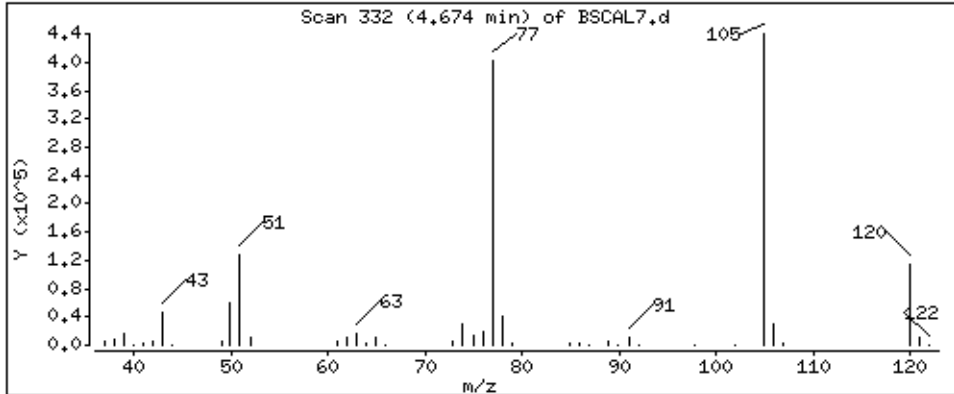
Sample Info: 47885

Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

25 Acetophenone



Date: 15-NOV-2012 02:01

Client ID: BSCAL7

Sample Info: 47885

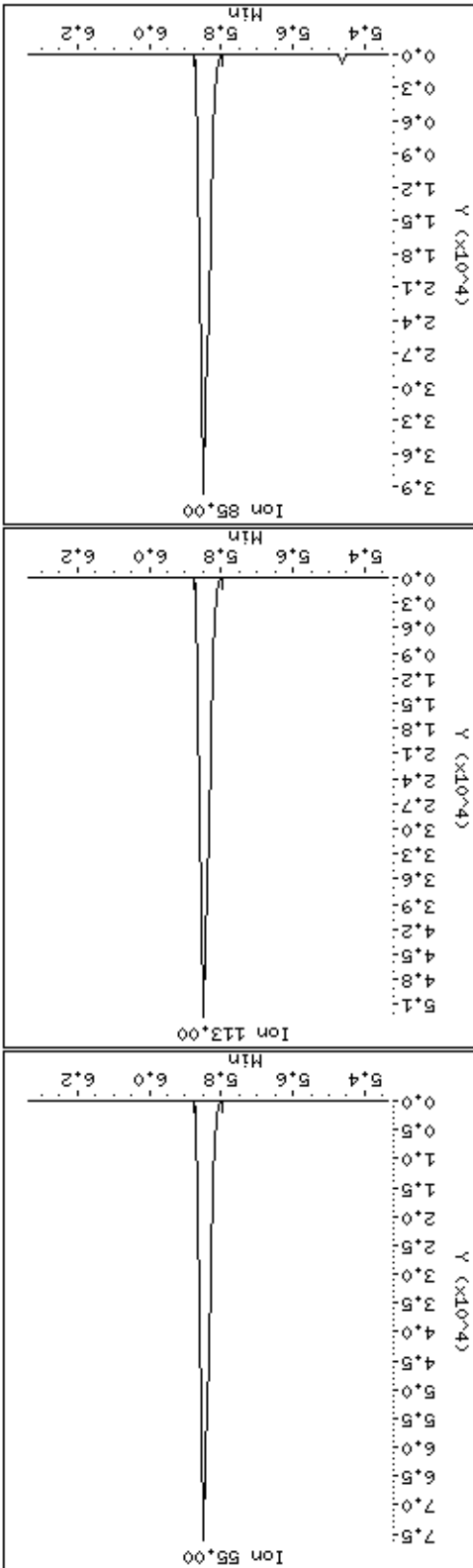
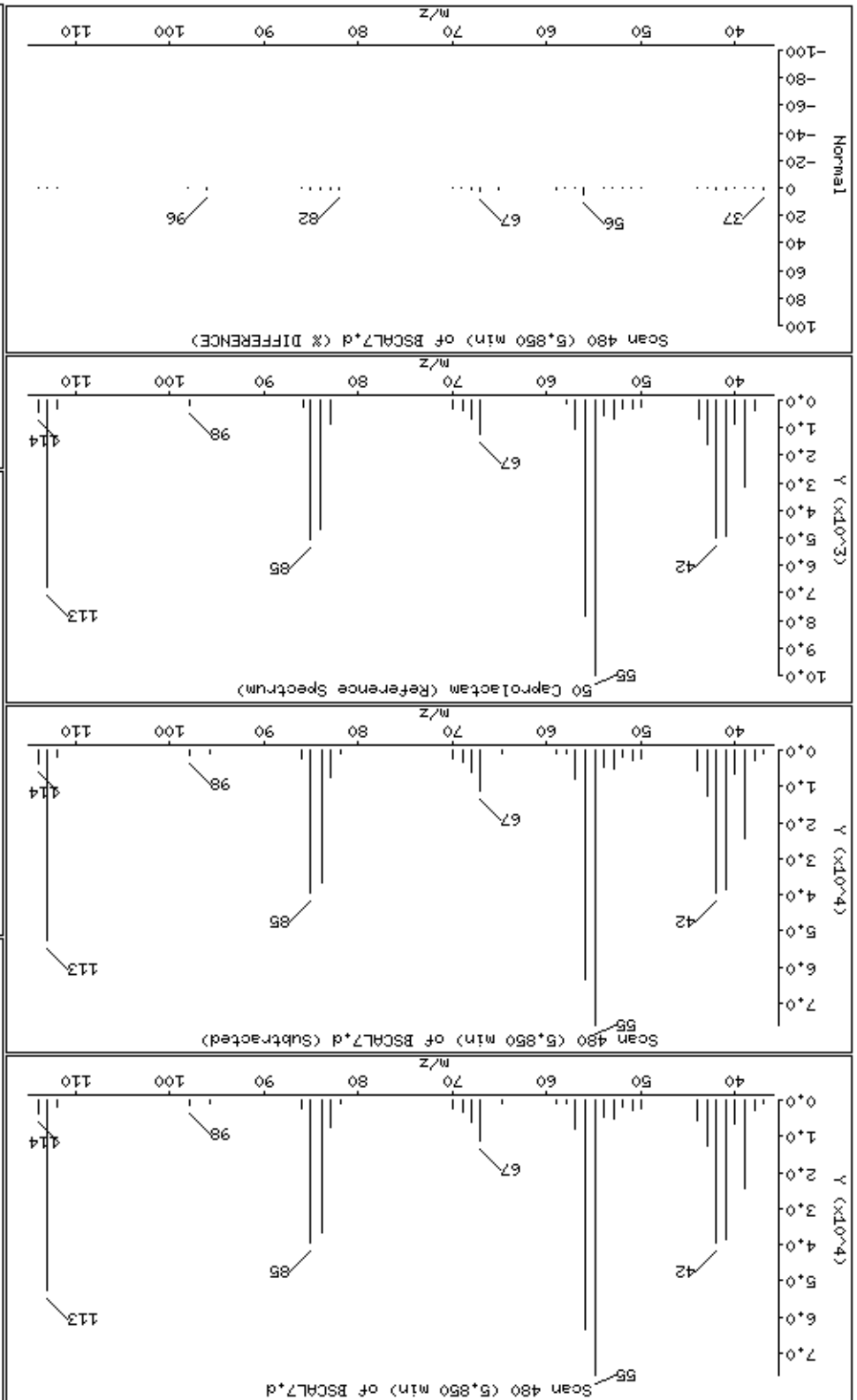
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

Instrument: smsd04.1

50 Caprolactam



Date : 15-NOV-2012 02:01

Client ID: BSCAL7

Instrument: smsd04.i

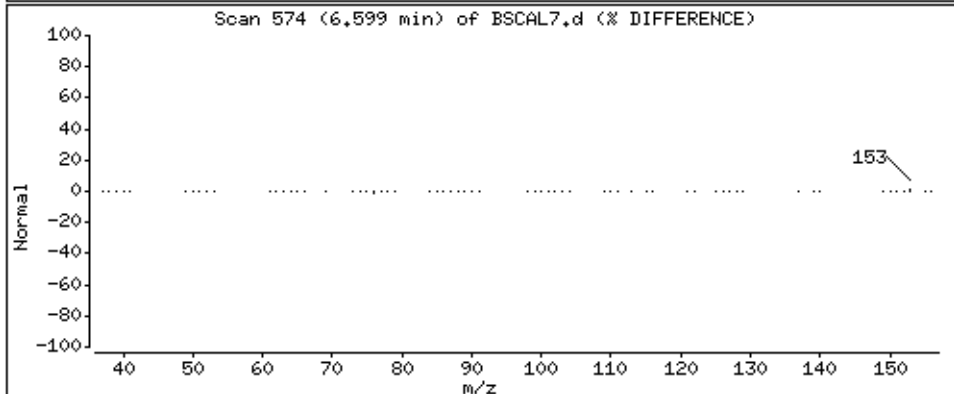
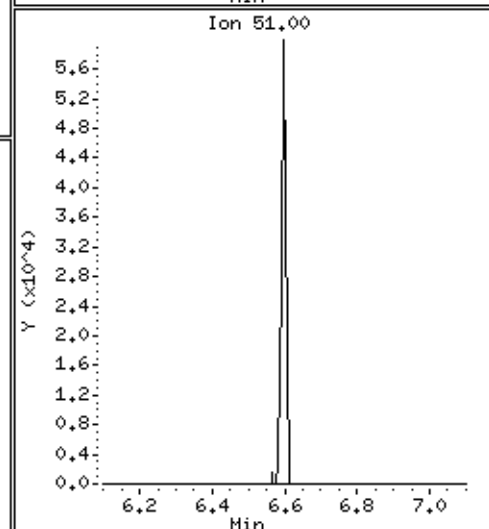
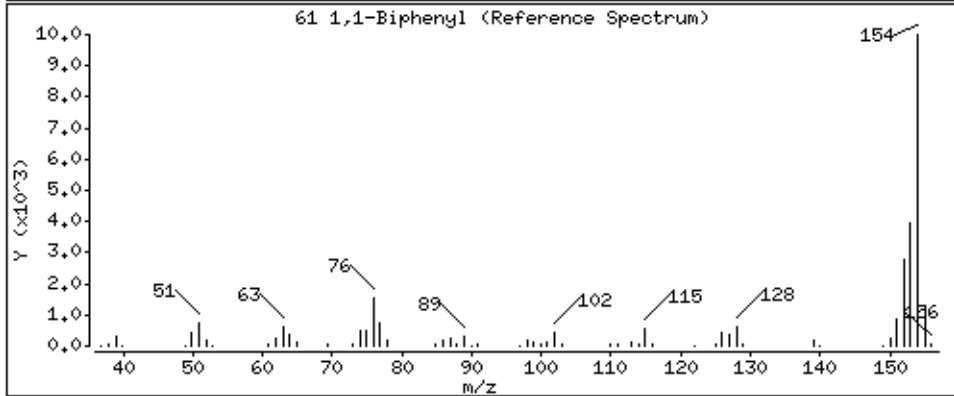
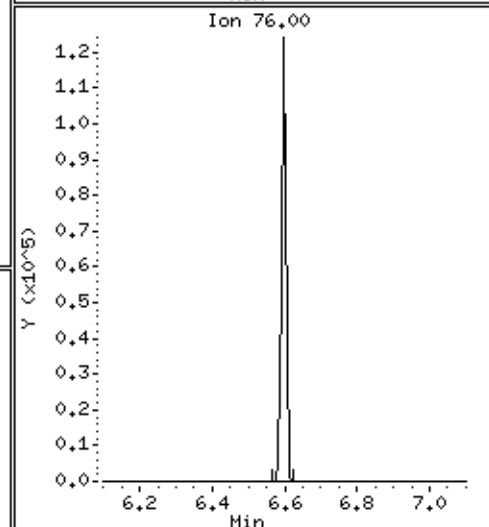
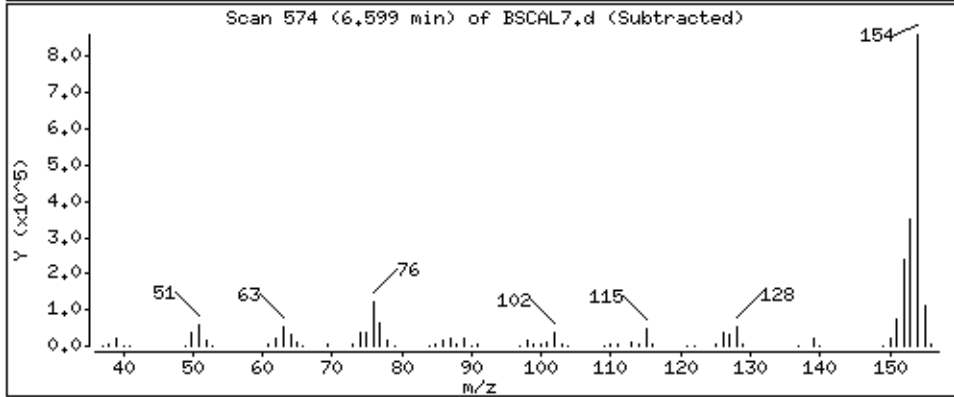
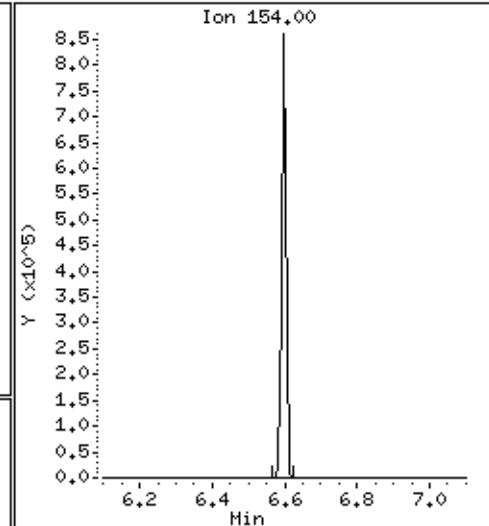
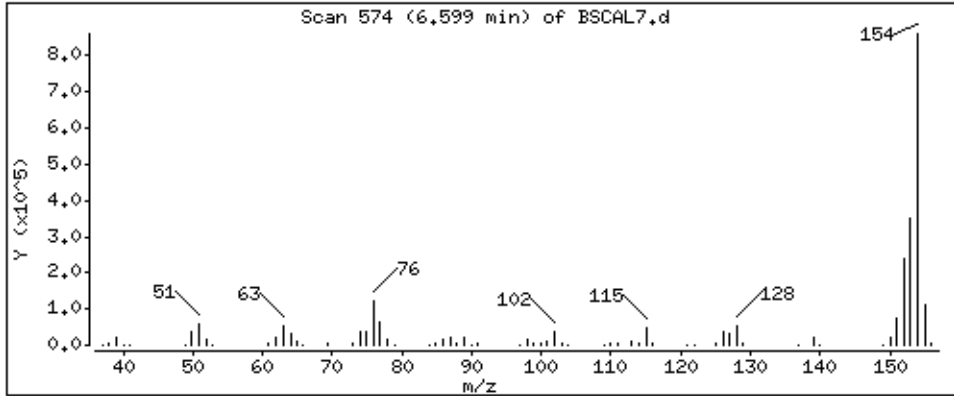
Sample Info: 47885

Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

61 1,1-Biphenyl



Date : 15-NOV-2012 02:01

Client ID: BSCAL7

Instrument: smsd04.i

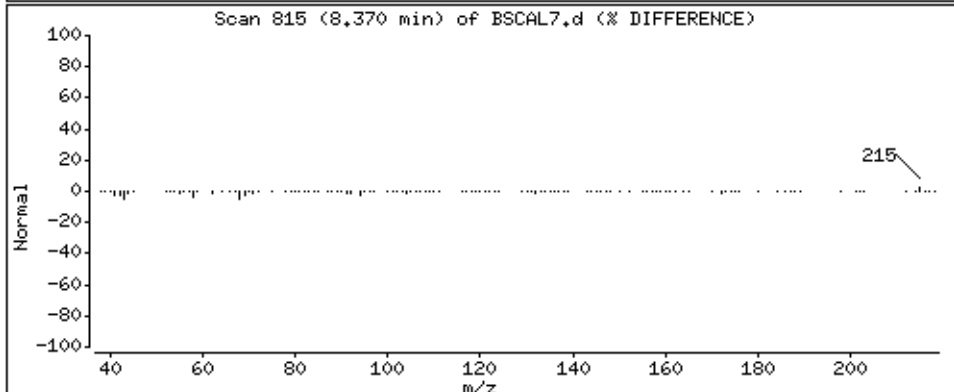
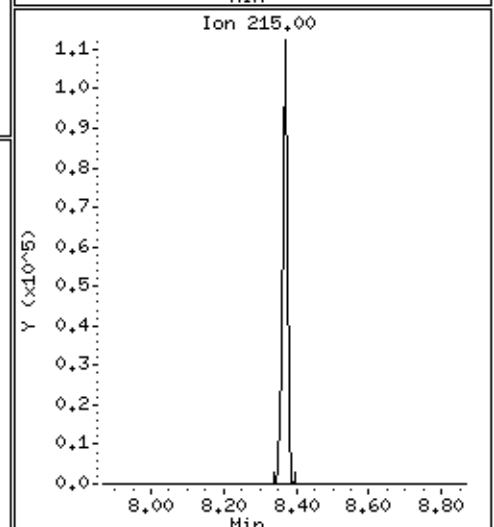
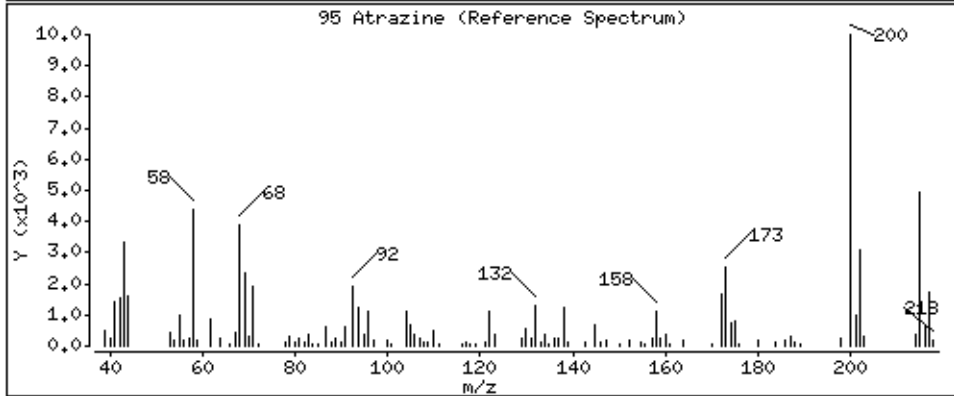
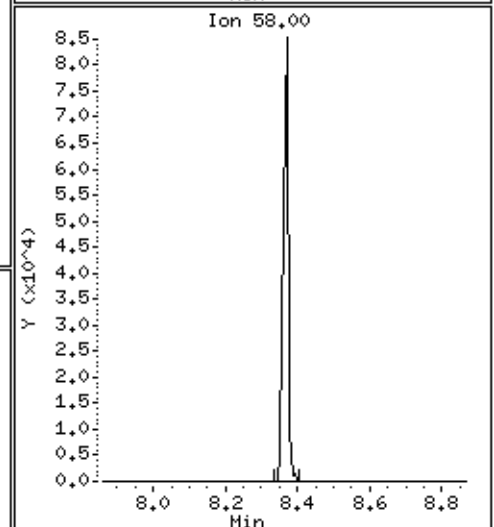
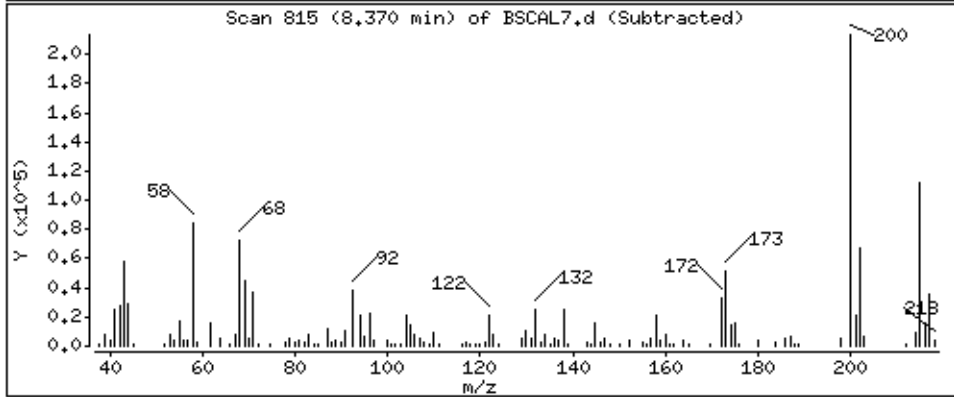
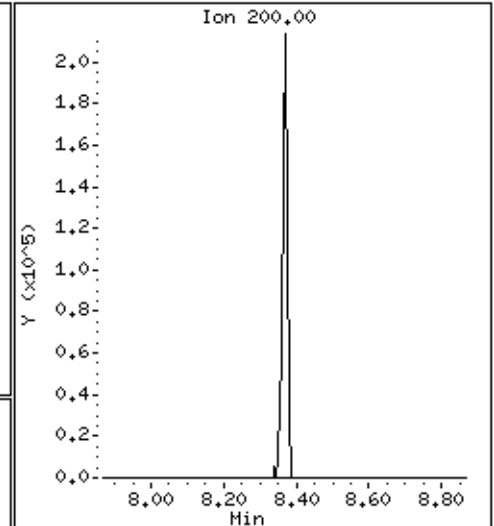
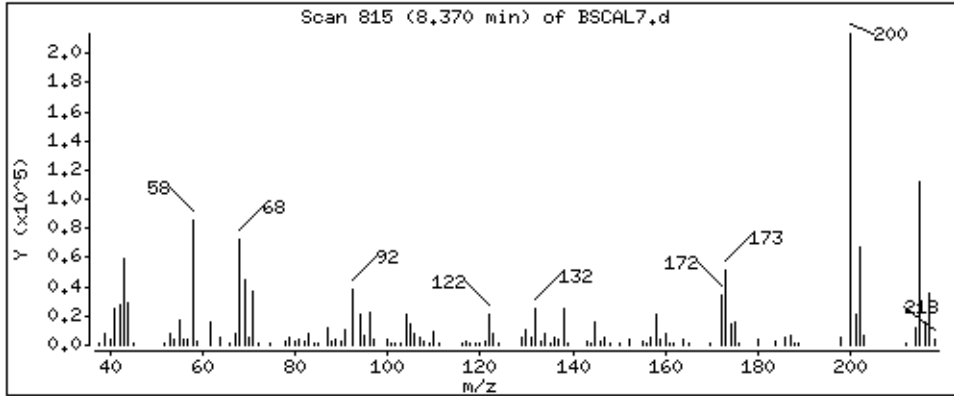
Sample Info: 47885

Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

95 Atrazine



Date : 15-NOV-2012 02:01

Client ID: BSCAL7

Instrument: smsd04.i

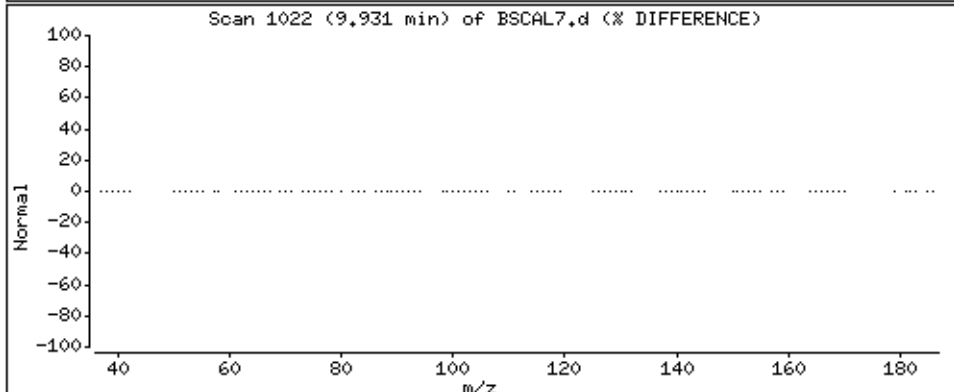
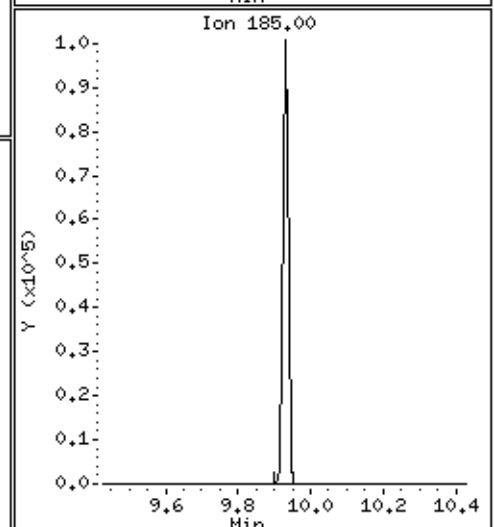
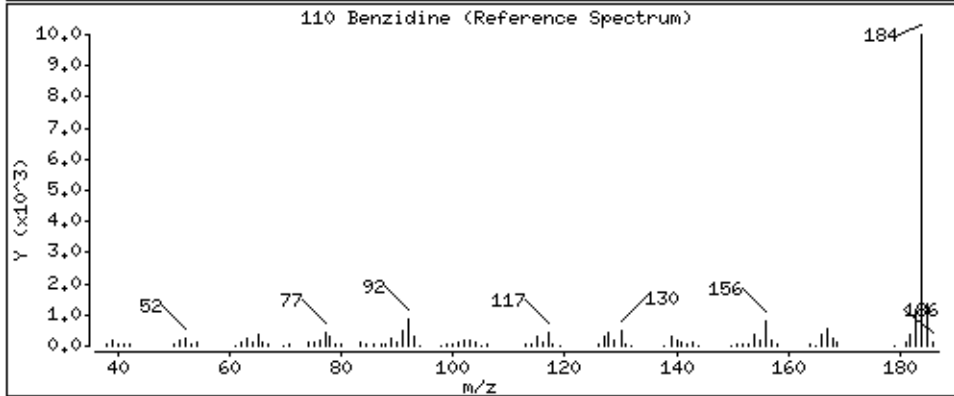
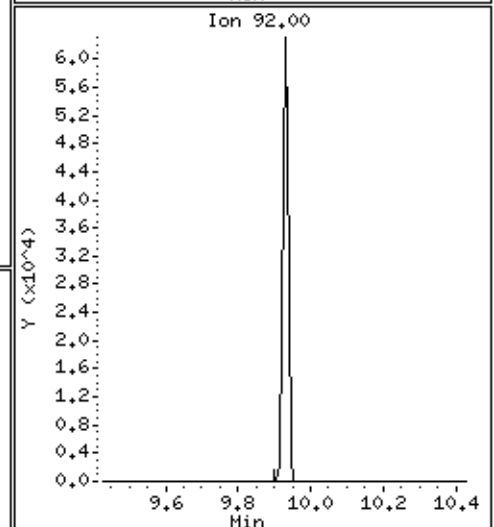
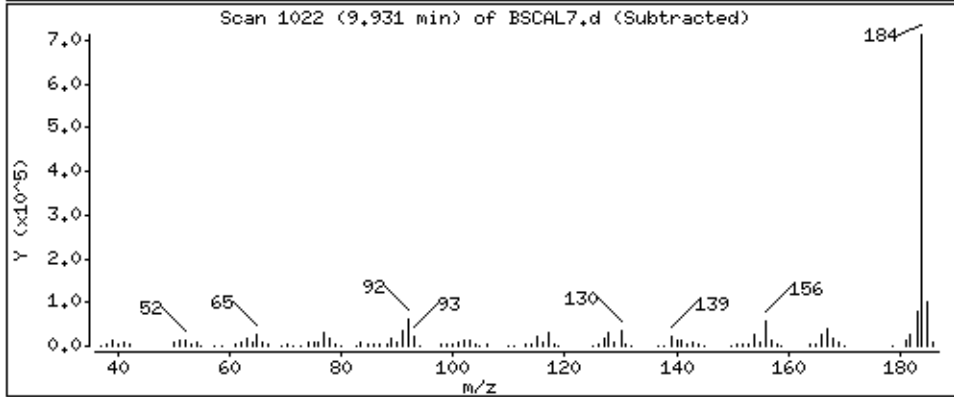
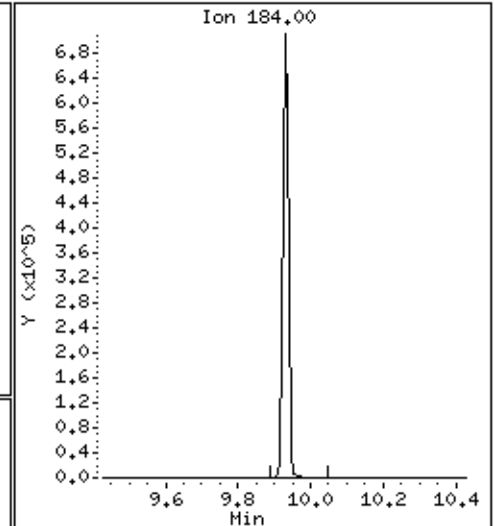
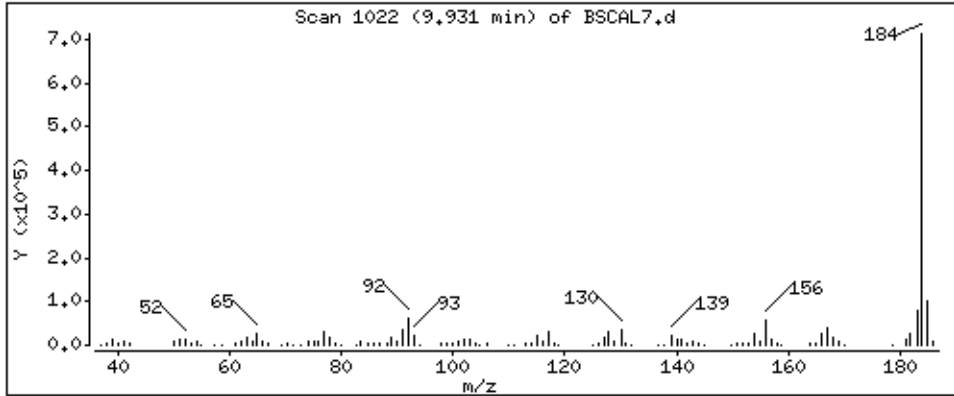
Sample Info: 47885

Operator: MJ

Column phase: HPHS-5

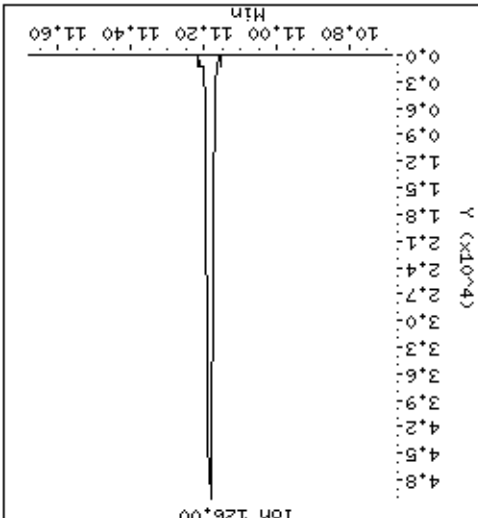
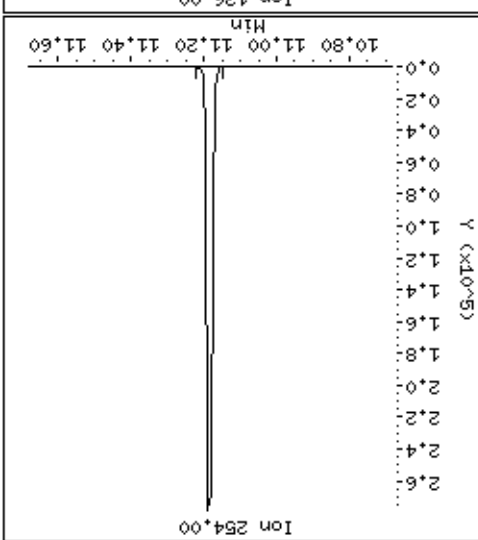
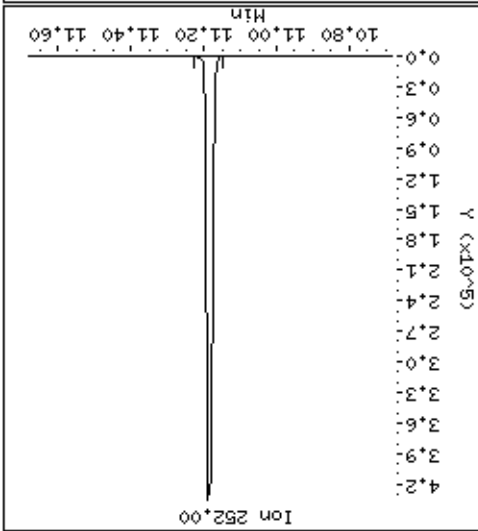
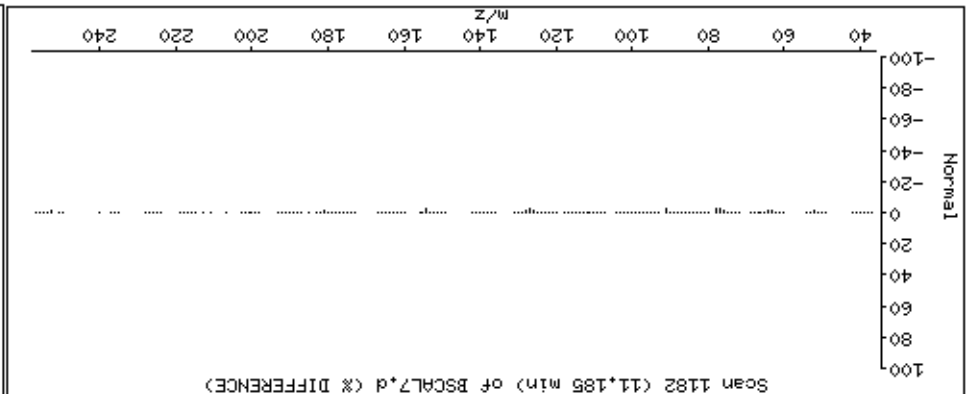
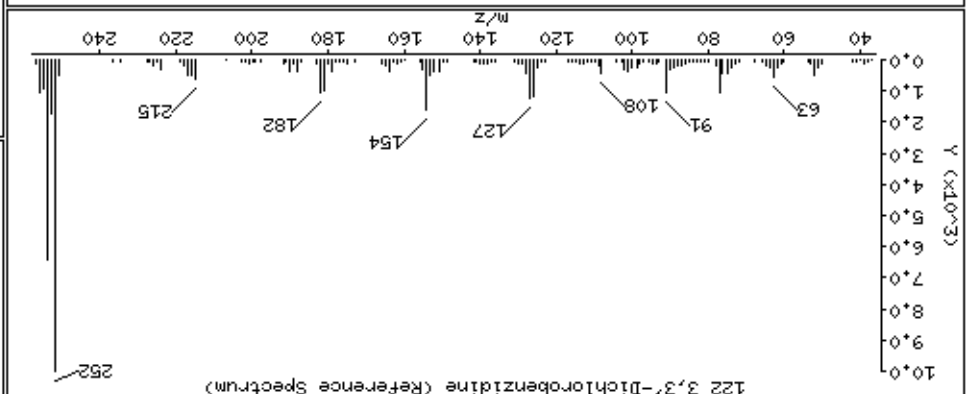
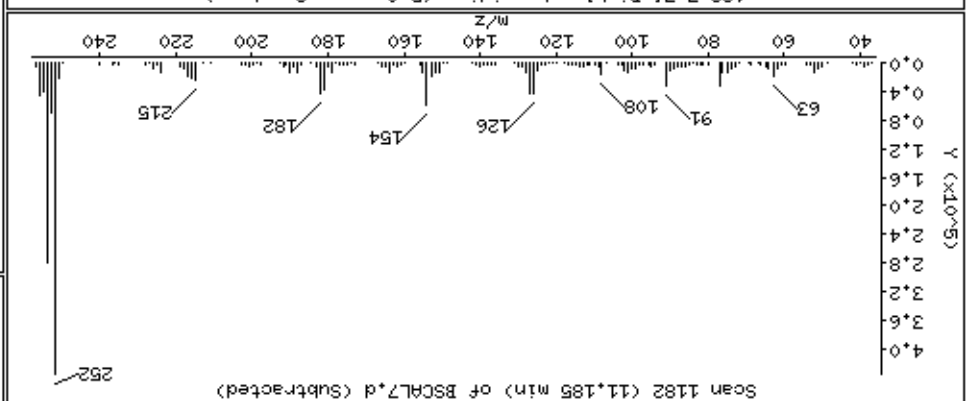
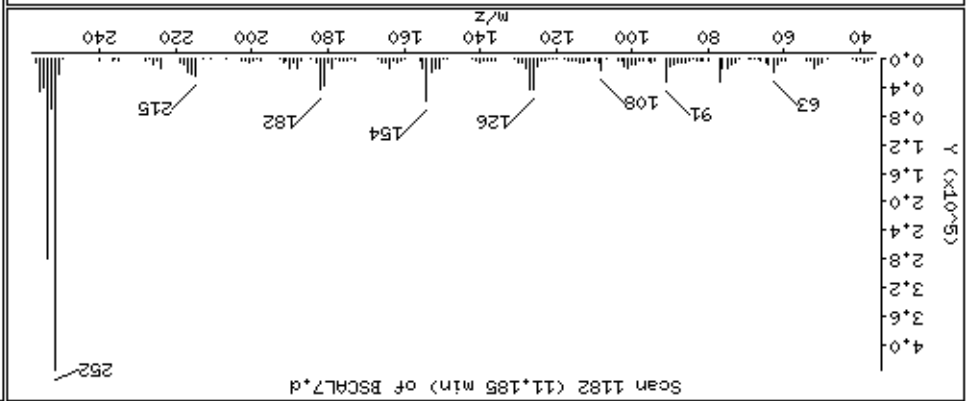
Column diameter: 0,25

110 Benzidine





122 3,3'-Dichlorobenzidine



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\BSCAL6.d  
 Lab Smp Id: 47962 Client Smp ID: BSCAL6  
 Inj Date : 15-NOV-2012 02:22 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47962  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 09:46 Cal File: AP9CAL6.d  
 Als bottle: 32 Calibration Sample, Level: 6  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: BZSOWcal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
9 Benzaldehyde CAS #: 100-52-7									
3.929	3.929	( 0.915)	77	211075	75.0000	75.7	80.00- 120.00	100.00(a)	
3.929	3.929	( 0.915)	106	169721			52.13- 112.13	80.41	
3.929	3.929	( 0.915)	51	97774			17.54- 77.54	46.32	
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.295	4.294	( 1.000)	152	87729	40.0000		80.00- 120.00	100.00	
4.295	4.294	( 1.000)	115	56482			34.81- 94.81	64.38	
4.295	4.294	( 1.000)	150	137588			126.51- 186.51	156.83	
25 Acetophenone CAS #: 98-86-2									
4.674	4.675	( 0.856)	105	319904	75.0000	74.0	80.00- 120.00	100.00	
4.674	4.675	( 0.856)	77	292999			60.51- 120.51	91.59	
4.673	4.674	( 0.856)	51	99086			1.60- 61.60	30.97	
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.463	5.463	( 1.000)	136	293859	40.0000		80.00- 120.00	100.00	
5.462	5.463	( 1.000)	68	21898			0.00- 37.51	7.45	
50 Caprolactam CAS #: 105-60-2									
5.845	5.836	( 1.070)	55	96152	75.0000	71.0	80.00- 120.00	100.00(a)	

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
50 Caprolactam (continued)									
5.846	5.836	( 1.070)	113	65688			40.21-	100.21	68.32
5.846	5.836	( 1.070)	85	50050			19.92-	79.92	52.05
-----									
61 1,1-Biphenyl						CAS #: 92-52-4			
6.598	6.598	( 0.921)	154	547983	75.0000	75.2	80.00-	120.00	100.00(a)
6.598	6.597	( 0.921)	76	82802			0.00-	46.03	15.11
6.598	6.597	( 0.921)	51	39965			0.00-	37.80	7.29
-----									
* 70 Acenaphthene-d10						CAS #: 15067-26-2			
7.167	7.167	( 1.000)	164	185332	40.0000		80.00-	120.00	100.00
7.167	7.168	( 1.000)	162	177374			66.12-	126.12	95.71
7.167	7.167	( 1.000)	160	81072			13.21-	73.21	43.74
-----									
95 Atrazine						CAS #: 1912-24-9			
8.366	8.364	( 0.973)	200	149900	75.0000	73.1	80.00-	120.00	100.00(a)
8.366	8.363	( 0.973)	58	67762			14.20-	74.20	45.20
8.367	8.364	( 0.973)	215	77823			20.34-	80.34	51.92
-----									
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.600	8.604	( 1.000)	188	340117	40.0000		80.00-	120.00	100.00
8.599	8.604	( 1.000)	94	35741			0.00-	40.39	10.51
8.599	8.603	( 1.000)	80	40118			0.00-	41.55	11.80
-----									
110 Benzidine						CAS #: 92-87-5			
9.928	9.927	( 0.886)	184	540401	75.0000	73.5	80.00-	120.00	100.00(a)
9.928	9.927	( 0.886)	92	46749			0.00-	38.66	8.65
9.928	9.927	( 0.886)	185	76772			0.00-	43.92	14.21
-----									
122 3,3'-Dichlorobenzidine						CAS #: 91-94-1			
11.182	11.181	( 0.998)	252	318278	75.0000	73.0	80.00-	120.00	100.00(a)
11.182	11.181	( 0.998)	254	199675			34.93-	94.93	62.74
11.181	11.180	( 0.998)	126	36643			0.00-	41.83	11.51
-----									
* 121 Chrysene-d12						CAS #: 1719-03-5			
11.209	11.211	( 1.000)	240	372733	40.0000		80.00-	120.00	100.00
11.208	11.210	( 1.000)	120	37338			0.00-	40.02	10.02
11.209	11.210	( 1.000)	236	90628			0.00-	54.50	24.31
-----									
* 130 Perylene-d12						CAS #: 1520-96-3			
12.531	12.532	( 1.000)	264	333566	40.0000		80.00-	120.00	100.00
12.531	12.533	( 1.000)	260	75053			0.00-	52.70	22.50
12.531	12.532	( 1.000)	265	70171			0.00-	52.11	21.04
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QC Flag Legend

a - Target compound detected but, quantitated amount  
 Below Limit Of Quantitation(BLOQ).

Date : 15-NOV-2012 02:22

Client ID: BSCAL6

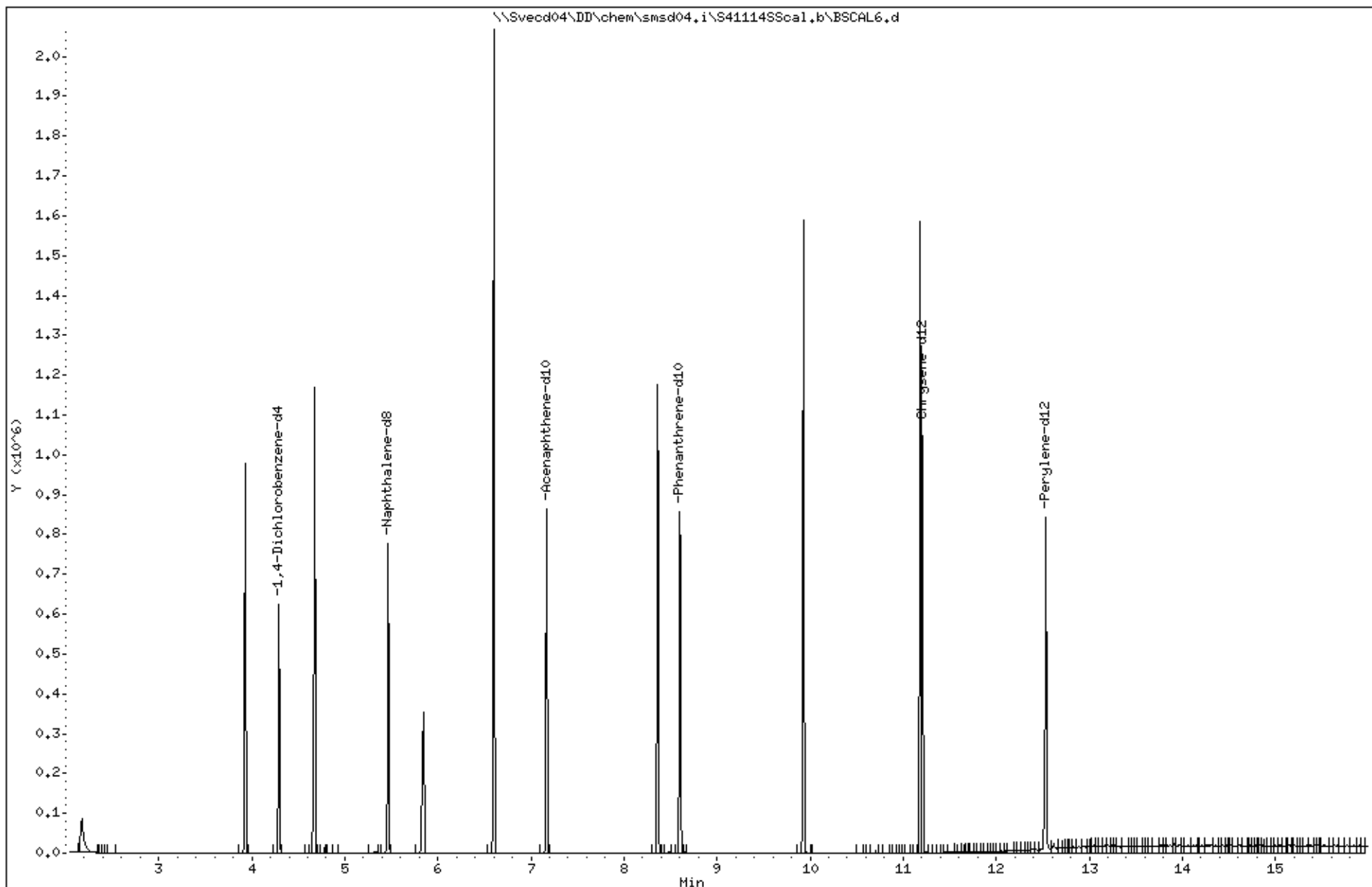
Sample Info: 47962

Instrument: smsd04.i

Operator: MJ

Column diameter: 0.25

Column phase: HPMS-5



Date : 15-NOV-2012 02:22

Client ID: BSCAL6

Instrument: smsd04.i

Sample Info: 47962

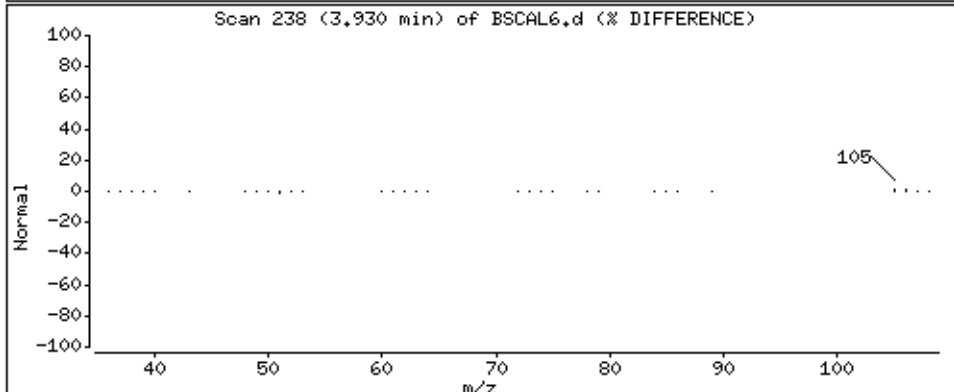
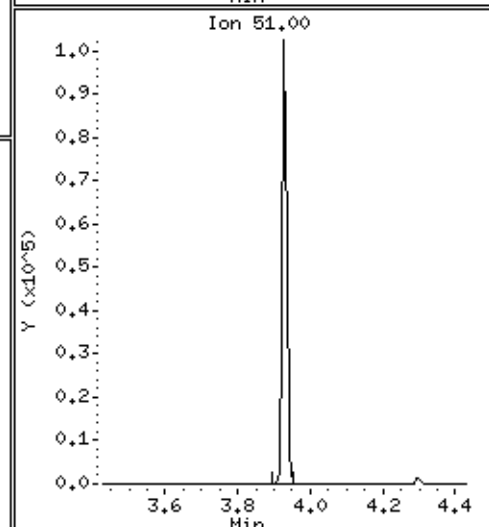
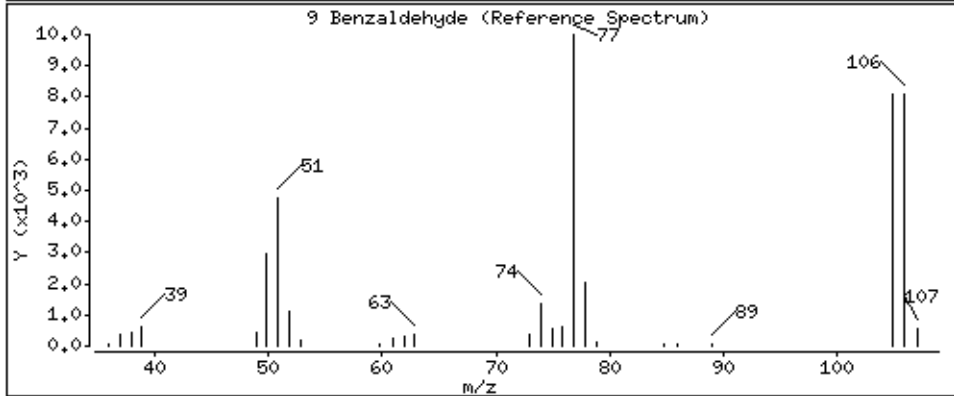
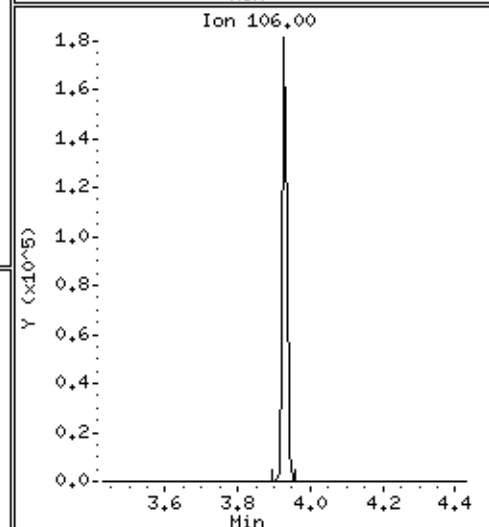
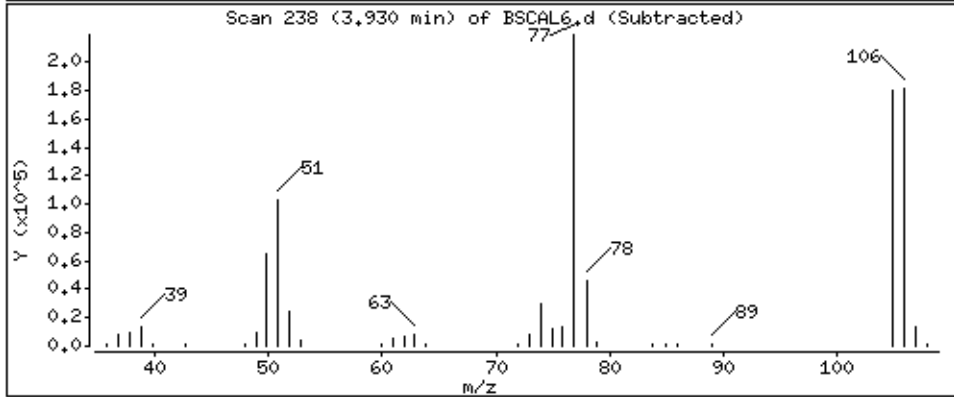
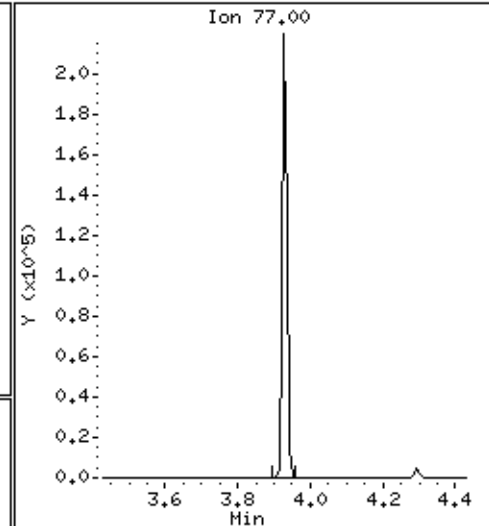
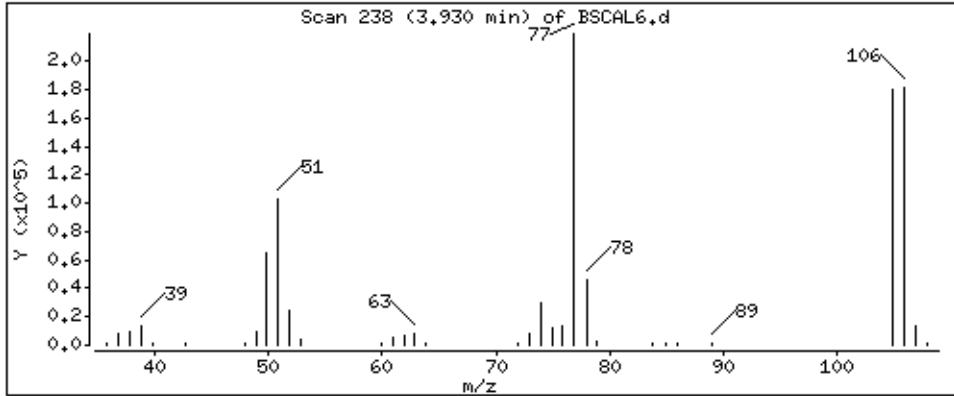
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

9 Benzaldehyde

Concentration: 75,7 ug/kg



Date : 15-NOV-2012 02:22

Client ID: BSCAL6

Instrument: smsd04.i

Sample Info: 47962

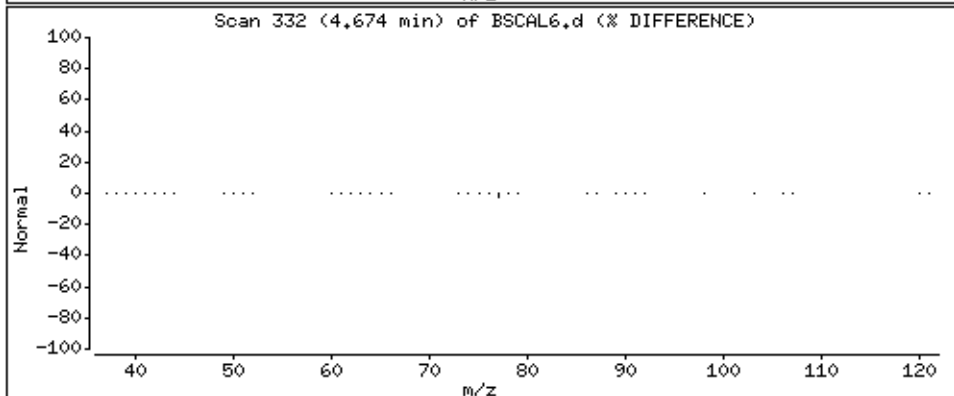
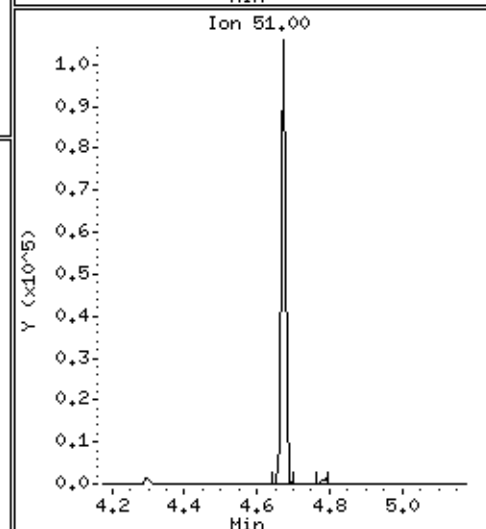
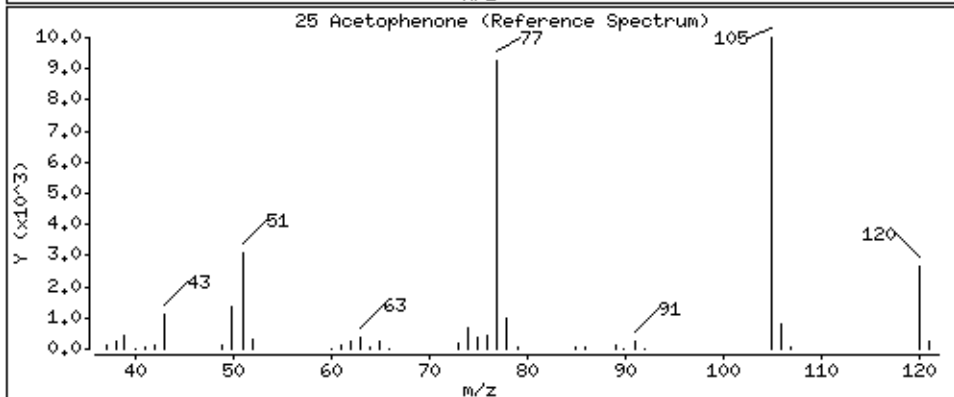
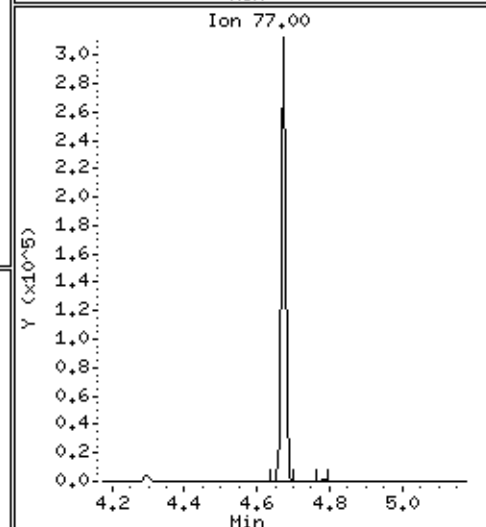
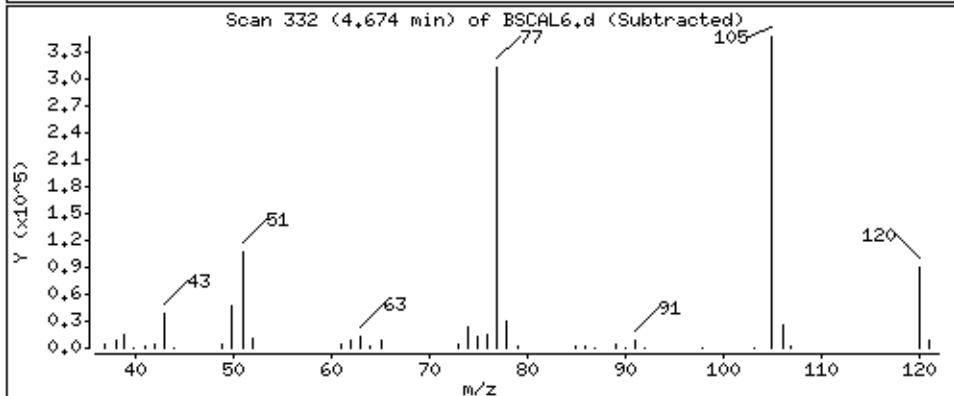
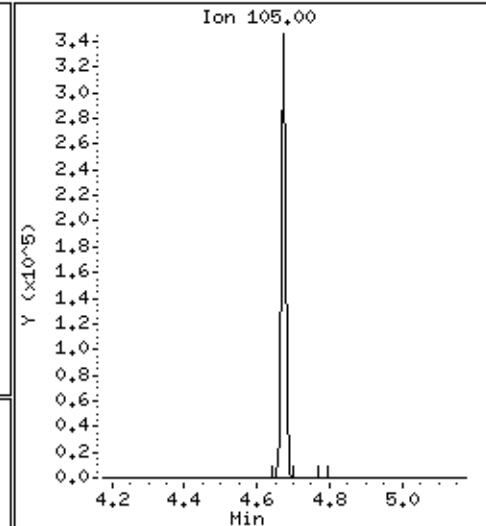
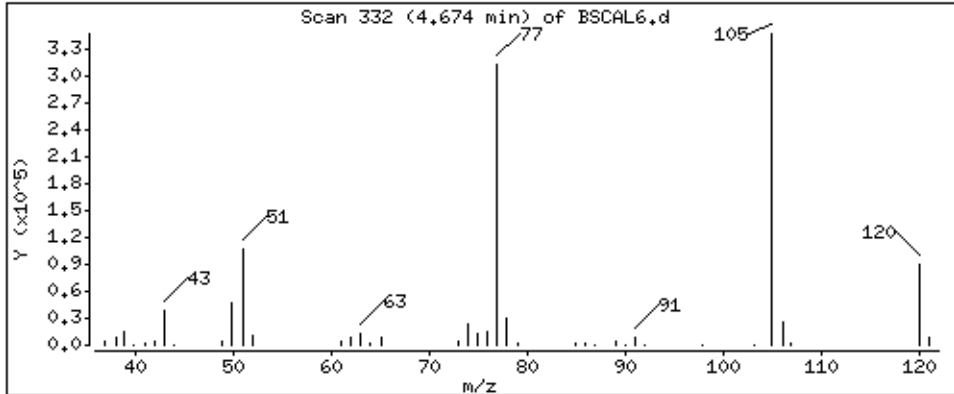
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

25 Acetophenone

Concentration: 74.0 ug/kg





Date : 15-NOV-2012 02:22

Client ID: BSCAL6

Instrument: smsd04.i

Sample Info: 47962

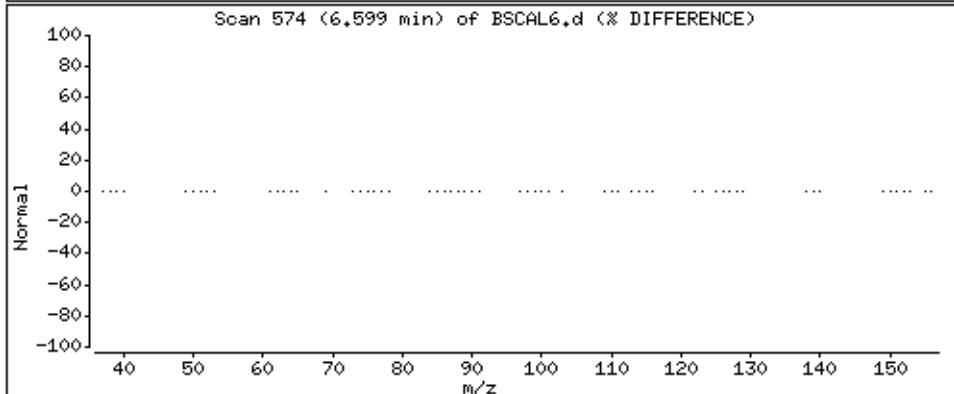
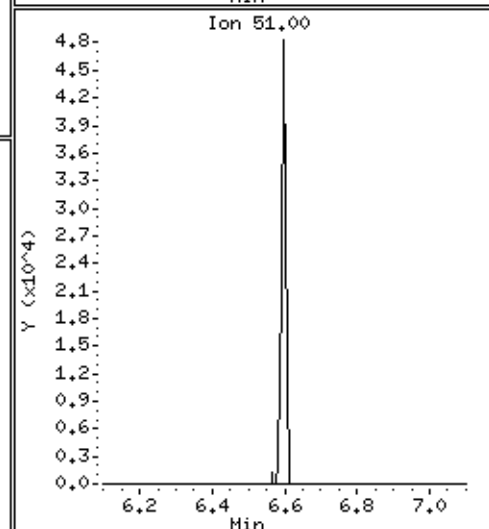
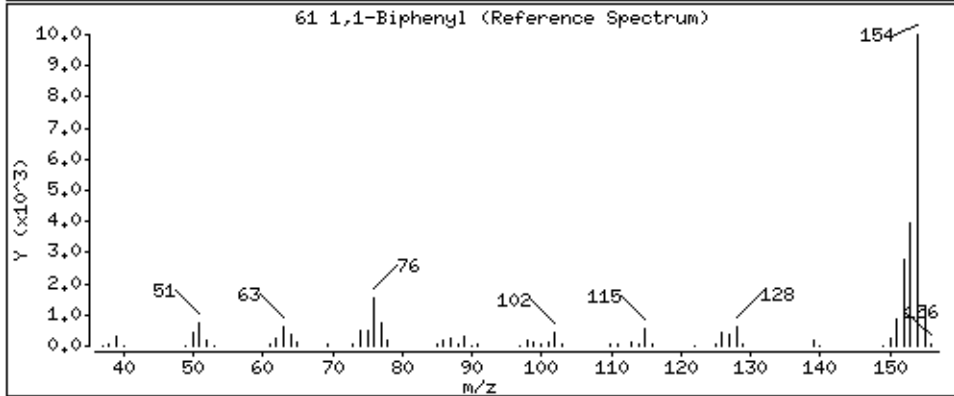
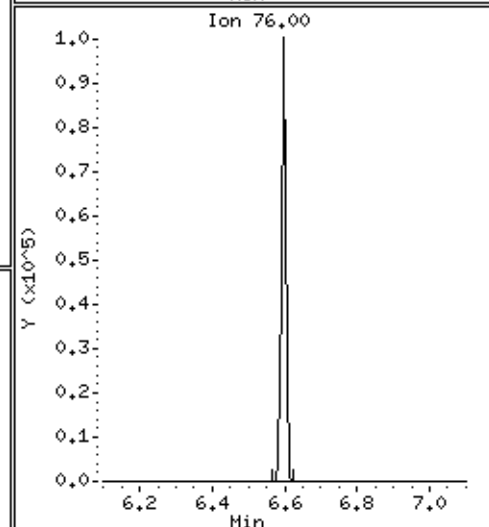
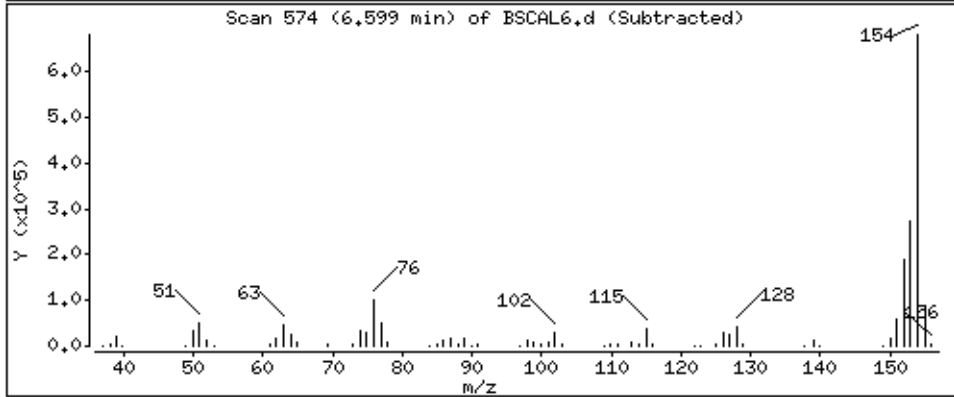
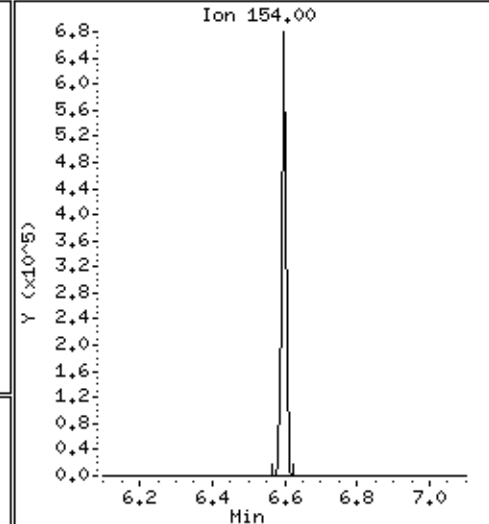
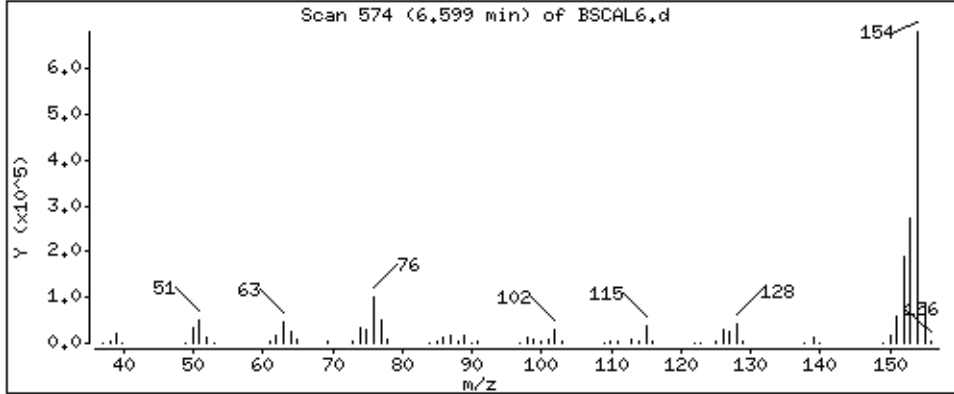
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

61 1,1-Biphenyl

Concentration: 75,2 ug/kg





Date : 15-NOV-2012 02:22

Client ID: BSCAL6

Instrument: smsd04.i

Sample Info: 47962

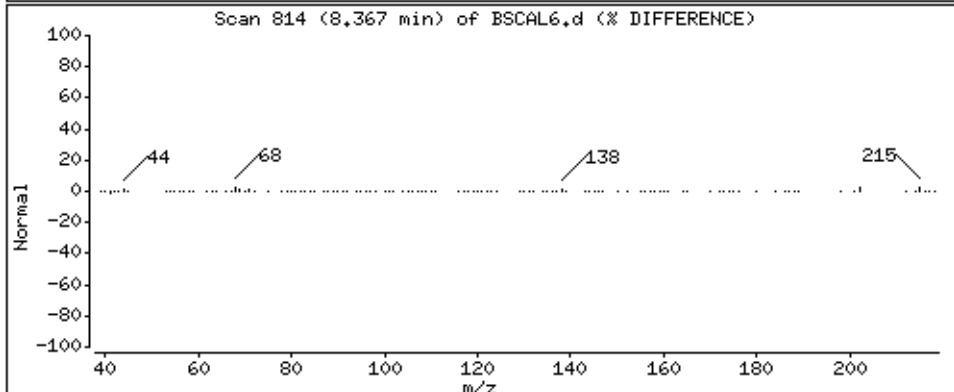
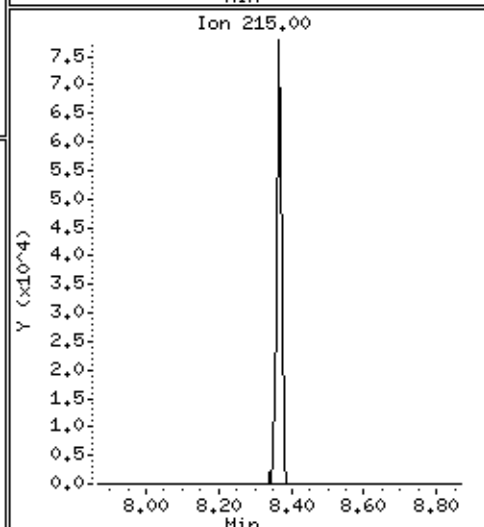
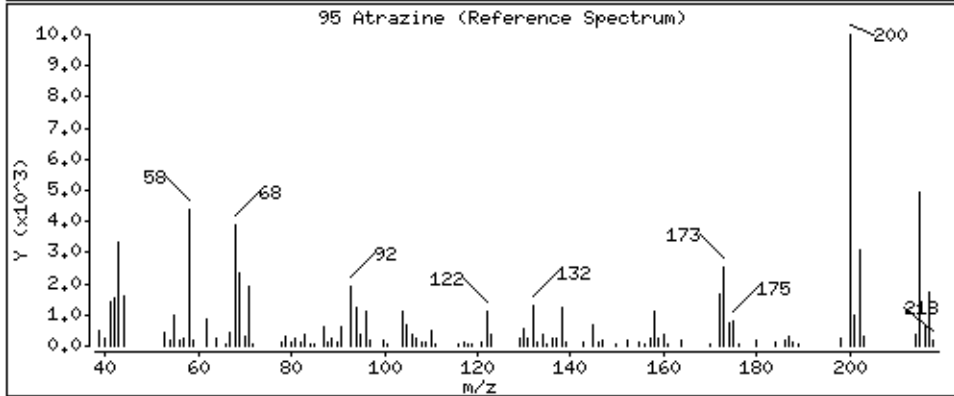
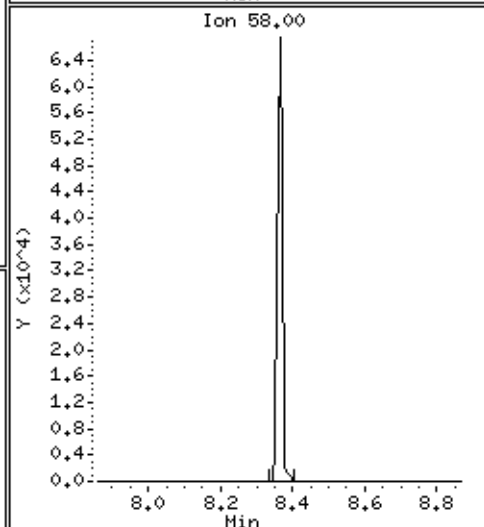
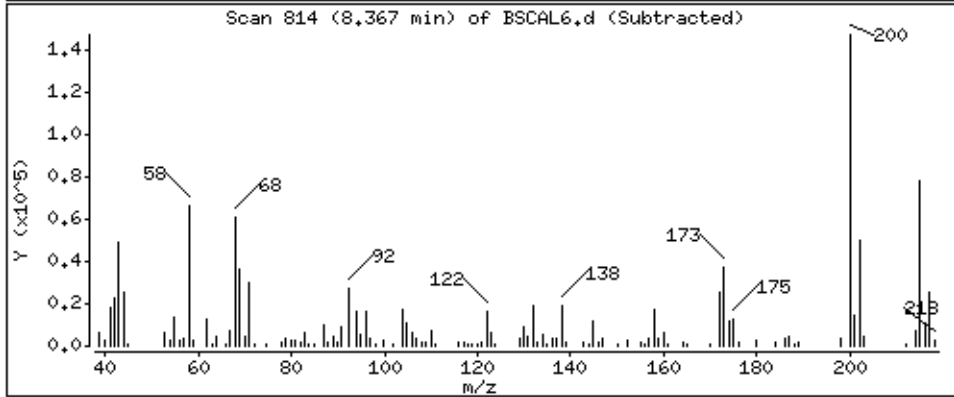
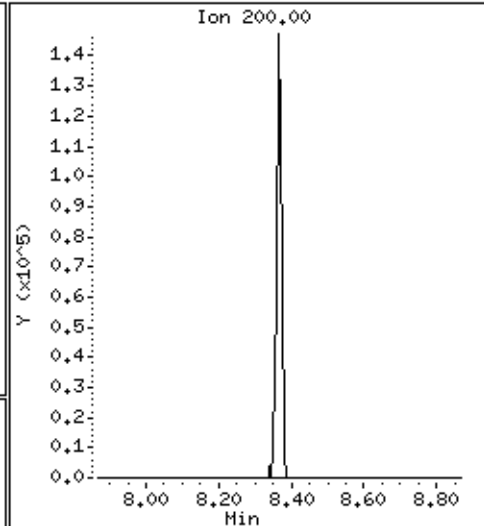
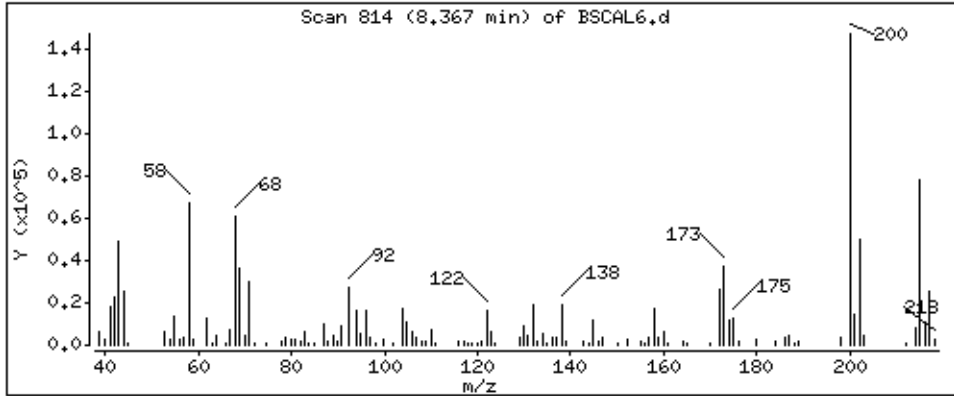
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

95 Atrazine

Concentration: 73,1 ug/kg



Date : 15-NOV-2012 02:22

Client ID: BSCAL6

Instrument: smsd04.i

Sample Info: 47962

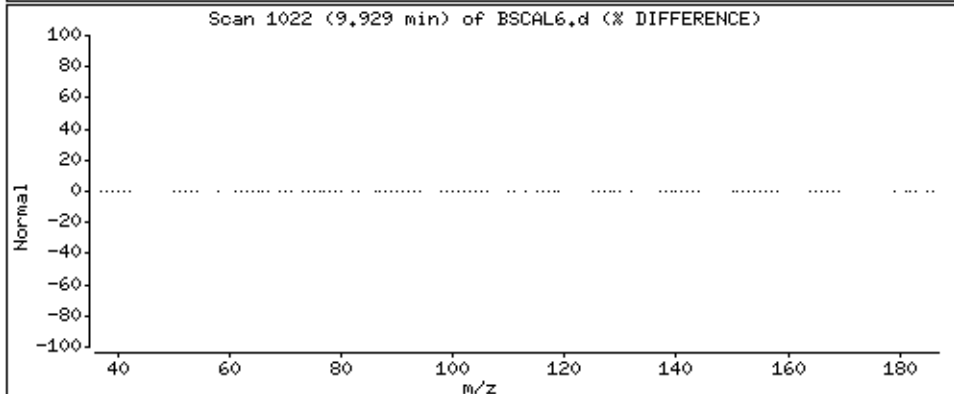
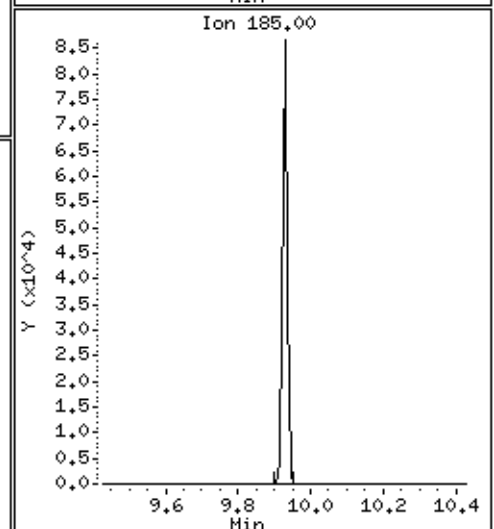
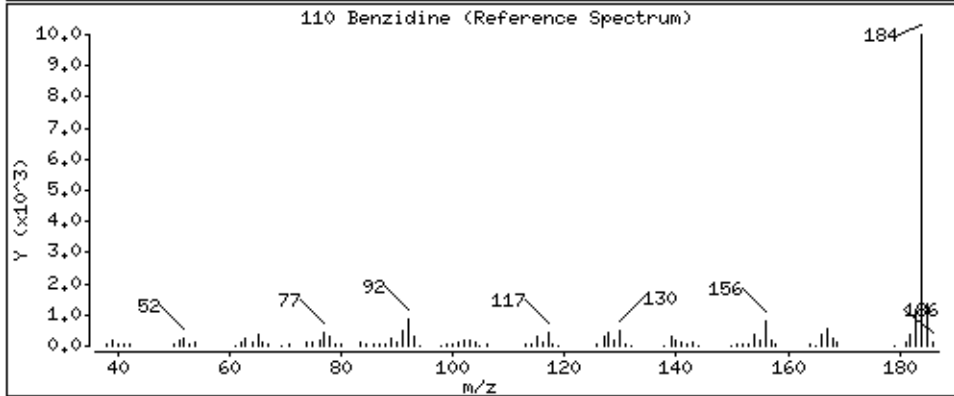
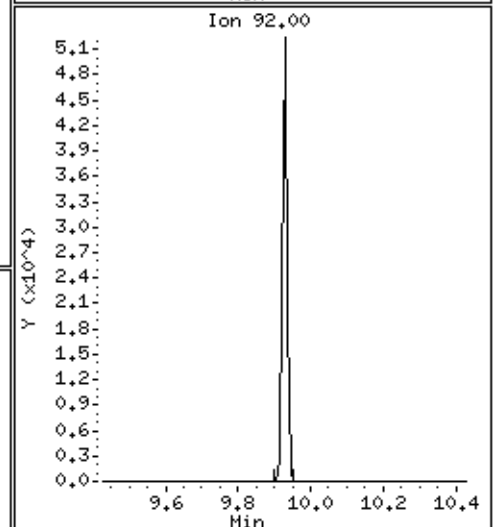
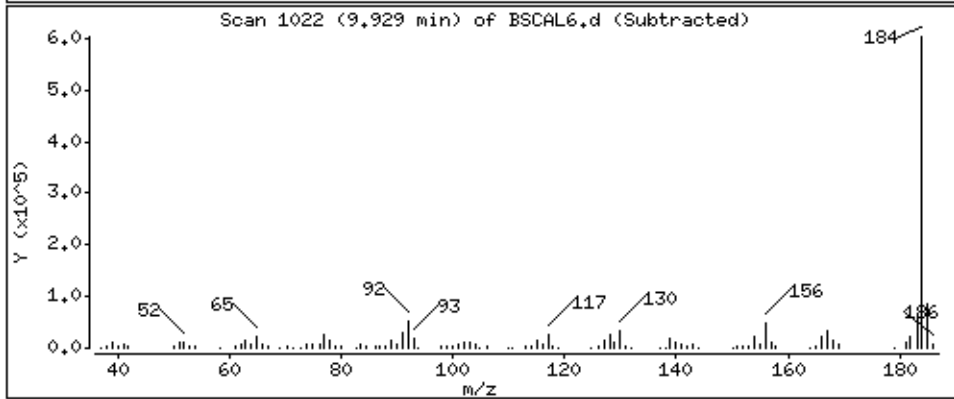
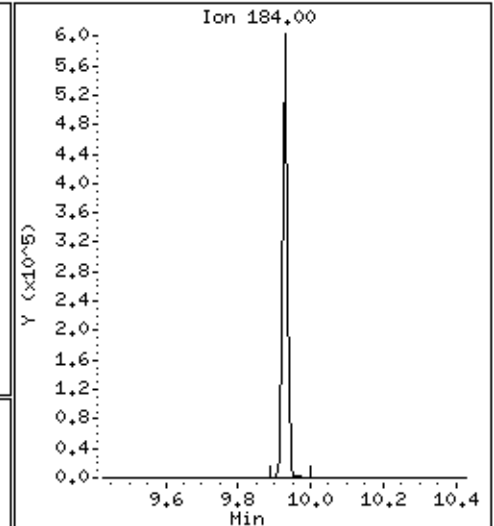
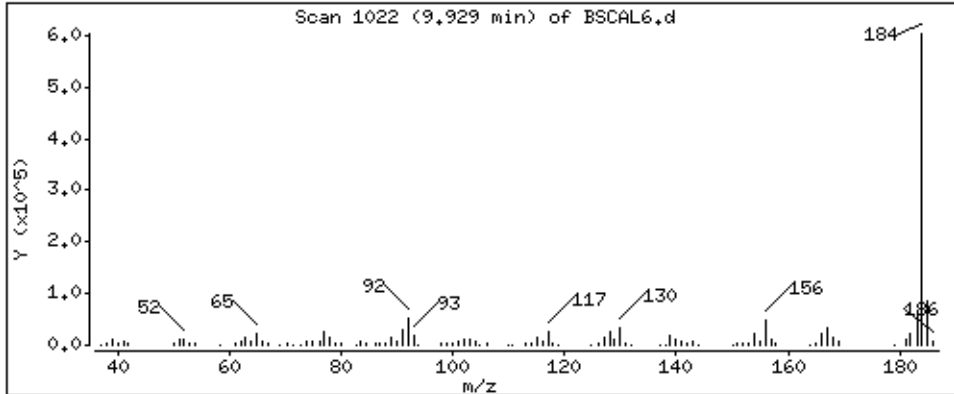
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

110 Benzidine

Concentration: 73,5 ug/kg



Date : 15-NOV-2012 02:22

Client ID: BSCAL6

Instrument: smsd04.i

Sample Info: 47962

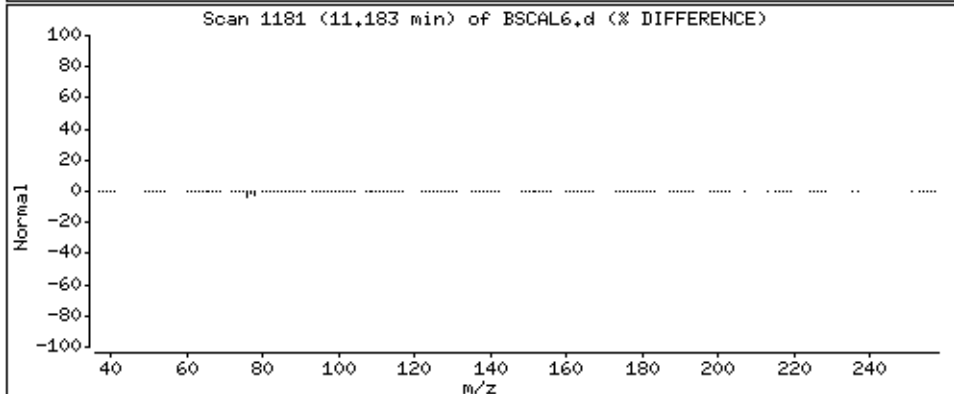
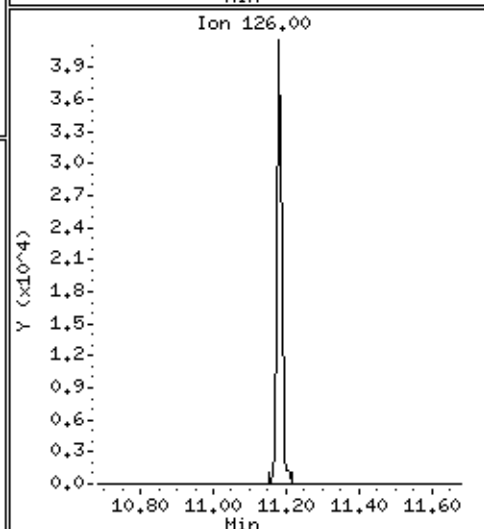
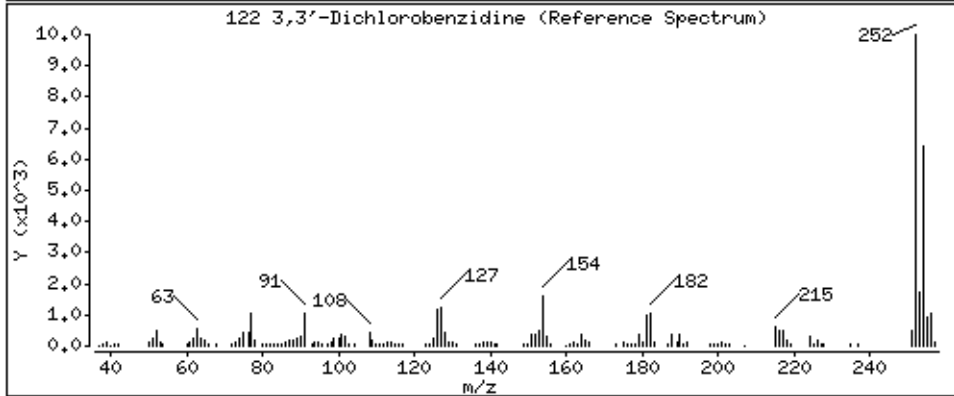
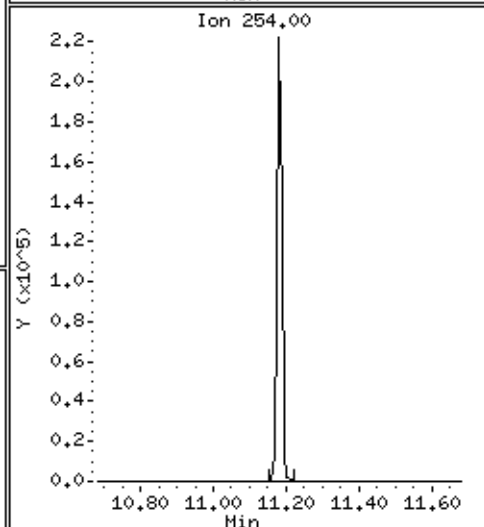
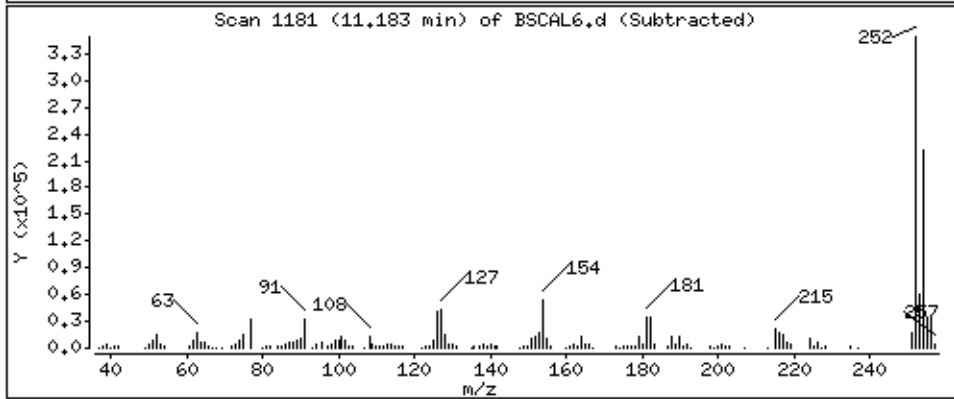
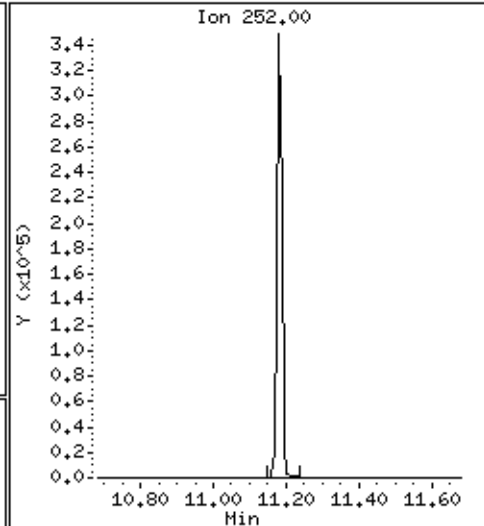
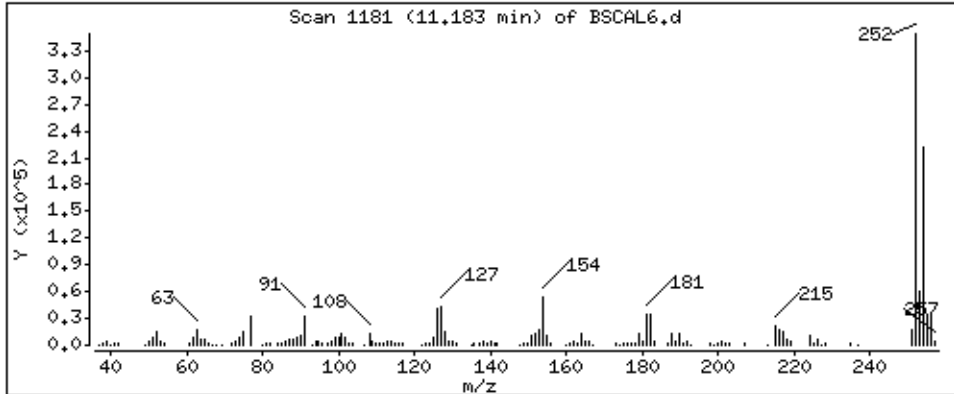
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

122 3,3'-Dichlorobenzidine

Concentration: 73,0 ug/kg



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\BSCAL5.d  
 Lab Smp Id: 47964 Client Smp ID: BSCAL5  
 Inj Date : 15-NOV-2012 02:43 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47964  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 10:07 Cal File: AP9CAL5.d  
 Als bottle: 33 Calibration Sample, Level: 5  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: BZSOWcal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
9 Benzaldehyde CAS #: 100-52-7									
3.929	3.929	( 0.915)	77	170764	60.0000	60.2	80.00- 120.00	100.00(a)	
3.929	3.929	( 0.915)	106	136459			52.13- 112.13	79.91	
3.929	3.929	( 0.915)	51	79383			17.54- 77.54	46.49	
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.295	4.294	( 1.000)	152	88815	40.0000		80.00- 120.00	100.00	
4.295	4.294	( 1.000)	115	57423			34.81- 94.81	64.65	
4.295	4.294	( 1.000)	150	139534			126.51- 186.51	157.11	
25 Acetophenone CAS #: 98-86-2									
4.673	4.675	( 0.856)	105	261069	60.0000	59.1	80.00- 120.00	100.00	
4.673	4.675	( 0.855)	77	240117			60.51- 120.51	91.97	
4.673	4.674	( 0.855)	51	80186			1.60- 61.60	30.71	
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.463	5.463	( 1.000)	136	302180	40.0000		80.00- 120.00	100.00	
5.462	5.463	( 1.000)	68	21195			0.00- 37.51	7.01	
50 Caprolactam CAS #: 105-60-2									
5.841	5.836	( 1.069)	55	76834	60.0000	56.7	80.00- 120.00	100.00(a)	

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	=====	=====	=====	=====	=====	=====	=====
50 Caprolactam (continued)									
5.841	5.836	( 1.069)	113	53167			40.21-	100.21	69.20
5.841	5.836	( 1.069)	85	40457			19.92-	79.92	52.66
-----									
61 1,1-Biphenyl									
						CAS #: 92-52-4			
6.598	6.598	( 0.921)	154	436503	60.0000	57.5	80.00-	120.00	100.00(a)
6.598	6.597	( 0.921)	76	69585			0.00-	46.03	15.94
6.597	6.597	( 0.921)	51	34485			0.00-	37.80	7.90
-----									
* 70 Acenaphthene-d10									
						CAS #: 15067-26-2			
7.167	7.167	( 1.000)	164	192809	40.0000		80.00-	120.00	100.00
7.167	7.168	( 1.000)	162	179886			66.12-	126.12	93.30
7.167	7.167	( 1.000)	160	82576			13.21-	73.21	42.83
-----									
95 Atrazine									
						CAS #: 1912-24-9			
8.365	8.364	( 0.973)	200	119876	60.0000	58.7	80.00-	120.00	100.00(a)
8.364	8.363	( 0.973)	58	55054			14.20-	74.20	45.93
8.365	8.364	( 0.973)	215	62810			20.34-	80.34	52.40
-----									
* 100 Phenanthrene-d10									
						CAS #: 1517-22-2			
8.600	8.604	( 1.000)	188	342944	40.0000		80.00-	120.00	100.00
8.599	8.604	( 1.000)	94	36036			0.00-	40.39	10.51
8.599	8.603	( 1.000)	80	39677			0.00-	41.55	11.57
-----									
110 Benzidine									
						CAS #: 92-87-5			
9.927	9.927	( 0.886)	184	414329	60.0000	57.4	80.00-	120.00	100.00(a)
9.927	9.927	( 0.886)	92	34276			0.00-	38.66	8.27
9.927	9.927	( 0.886)	185	58375			0.00-	43.92	14.09
-----									
122 3,3'-Dichlorobenzidine									
						CAS #: 91-94-1			
11.181	11.181	( 0.998)	252	245982	60.0000	57.6	80.00-	120.00	100.00(a)
11.181	11.181	( 0.998)	254	154935			34.93-	94.93	62.99
11.180	11.180	( 0.997)	126	27860			0.00-	41.83	11.33
-----									
* 121 Chrysene-d12									
						CAS #: 1719-03-5			
11.209	11.211	( 1.000)	240	369734	40.0000		80.00-	120.00	100.00
11.208	11.210	( 1.000)	120	37937			0.00-	40.02	10.26
11.209	11.210	( 1.000)	236	91346			0.00-	54.50	24.71
-----									
* 130 Perylene-d12									
						CAS #: 1520-96-3			
12.531	12.532	( 1.000)	264	330267	40.0000		80.00-	120.00	100.00
12.531	12.533	( 1.000)	260	72671			0.00-	52.70	22.00
12.531	12.532	( 1.000)	265	71454			0.00-	52.11	21.64
-----									

QC Flag Legend

a - Target compound detected but, quantitated amount  
 Below Limit Of Quantitation(BLOQ).

Date : 15-NOV-2012 02:43

Client ID: BSCAL5

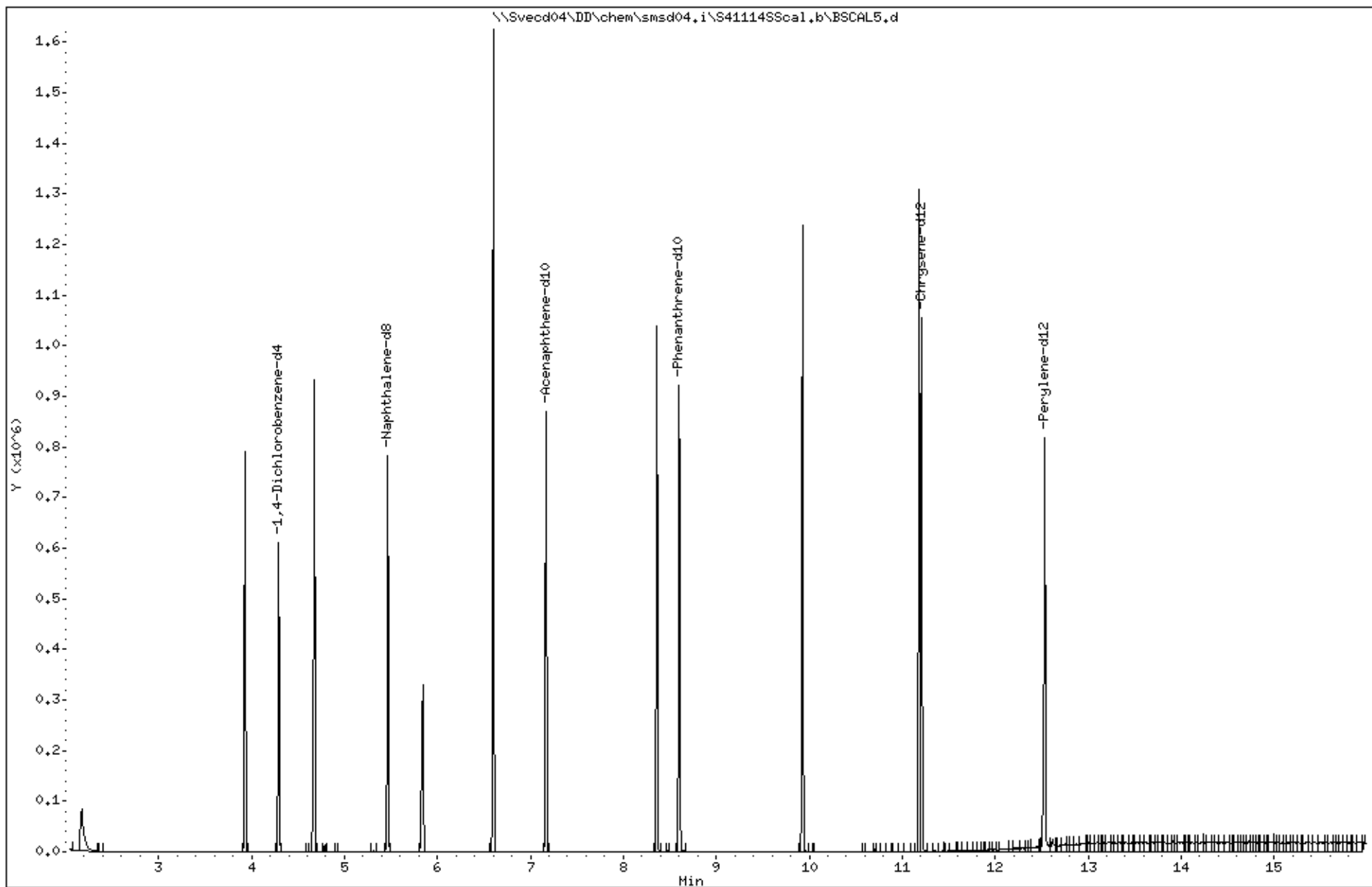
Sample Info: 47964

Instrument: smsd04.i

Operator: MJ

Column diameter: 0.25

Column phase: HPMS-5



Date : 15-NOV-2012 02:43

Client ID: BSCAL5

Instrument: smsd04.i

Sample Info: 47964

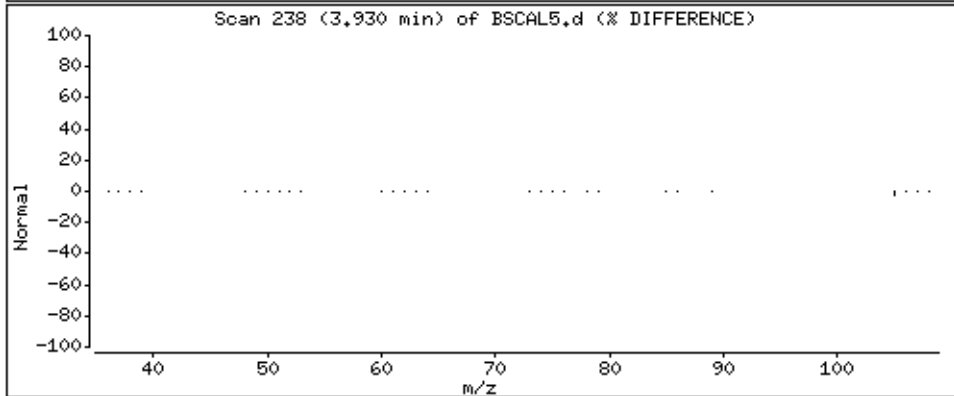
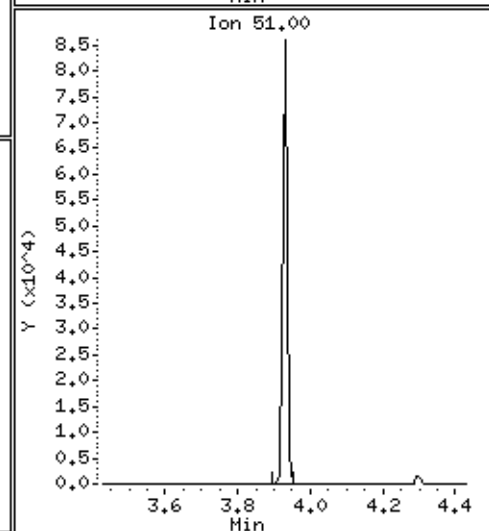
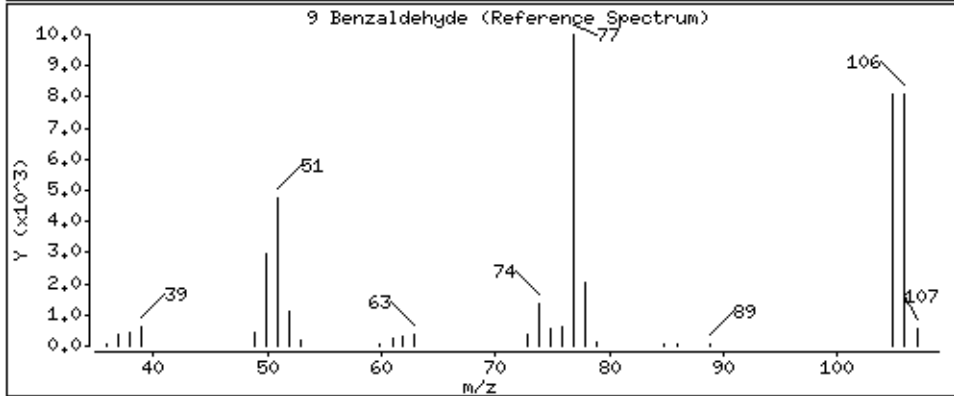
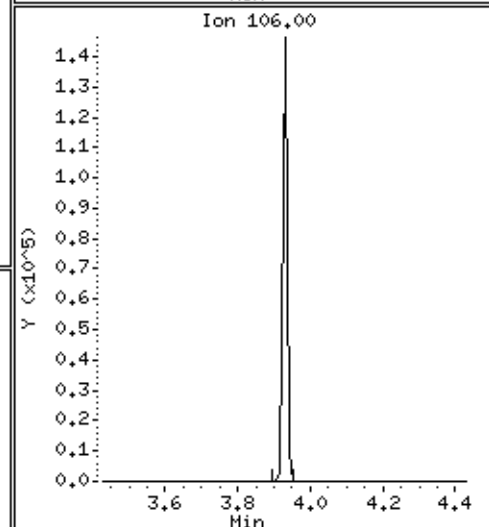
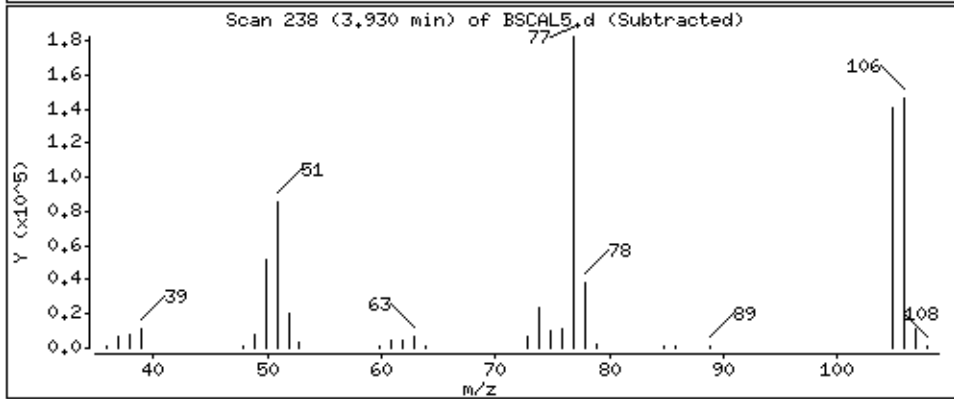
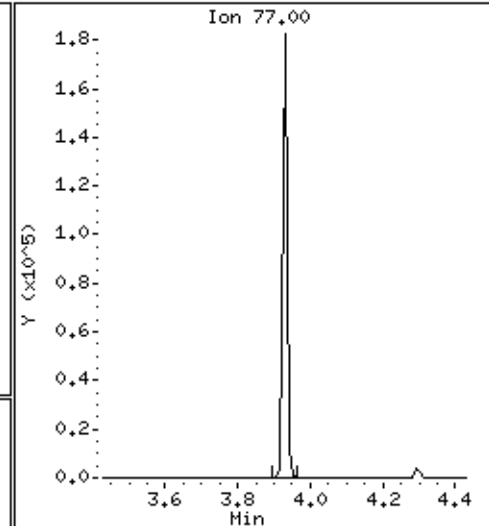
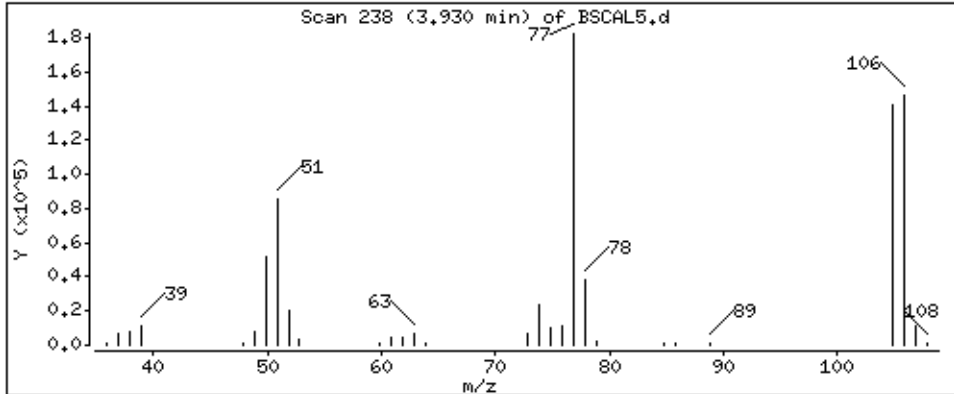
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

9 Benzaldehyde

Concentration: 60,2 ug/kg



Date : 15-NOV-2012 02:43

Client ID: BSCAL5

Instrument: smsd04.i

Sample Info: 47964

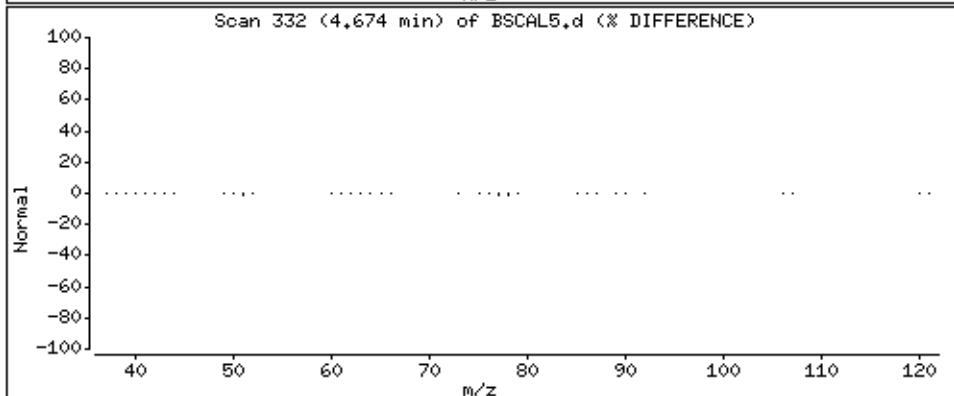
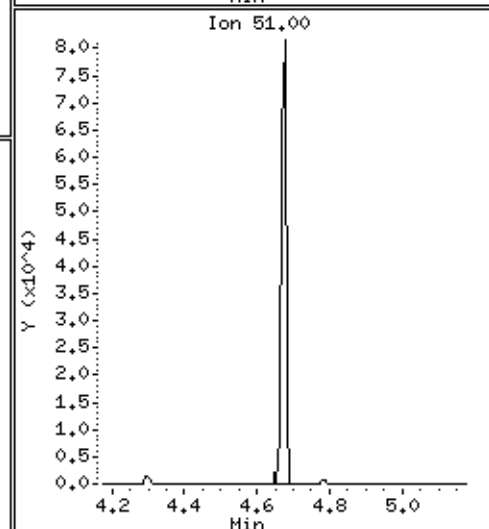
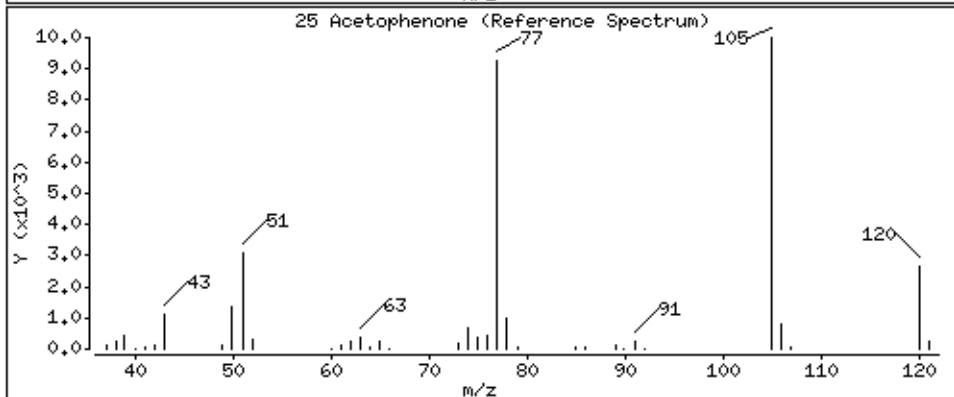
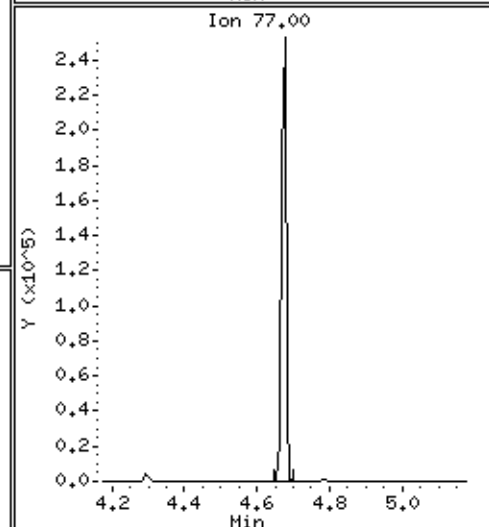
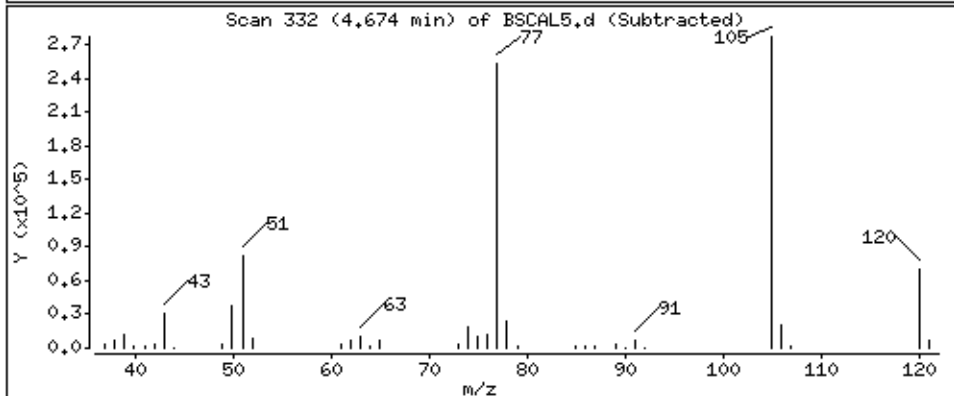
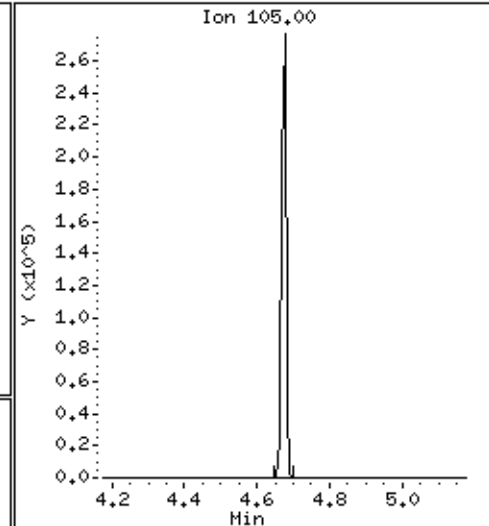
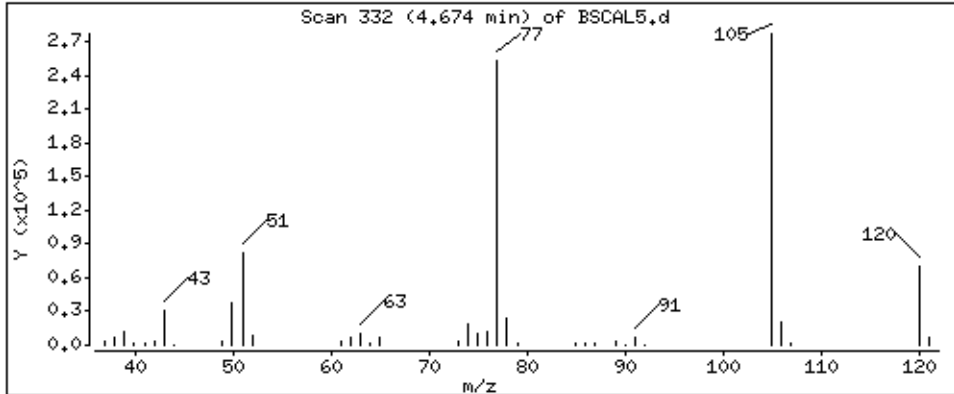
Operator: MJ

Column phase: HPMS-5

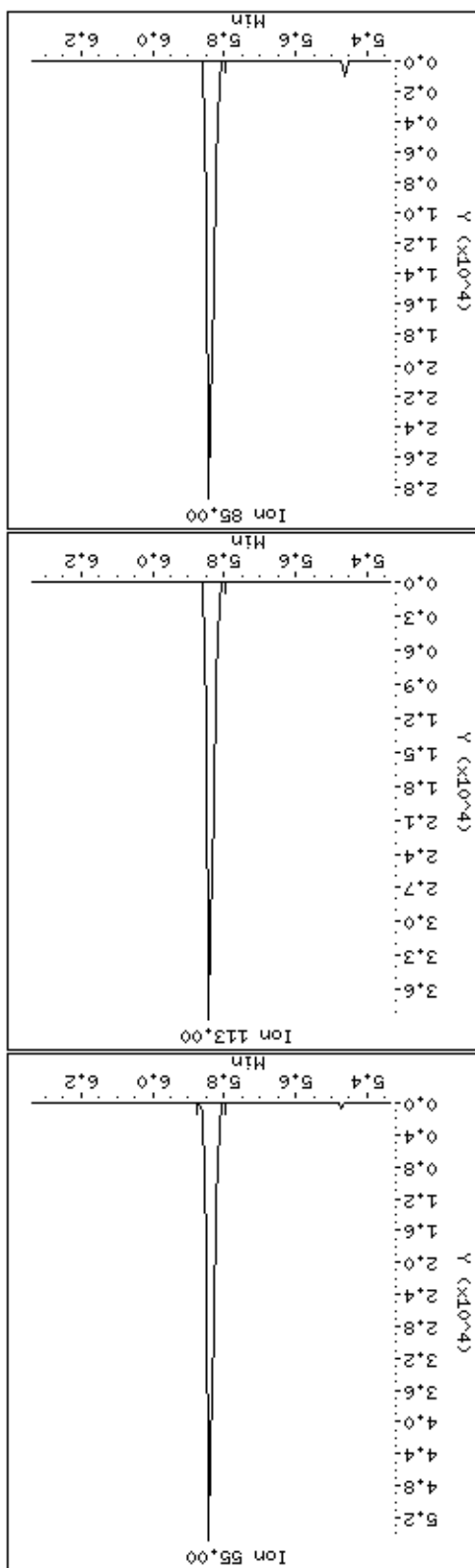
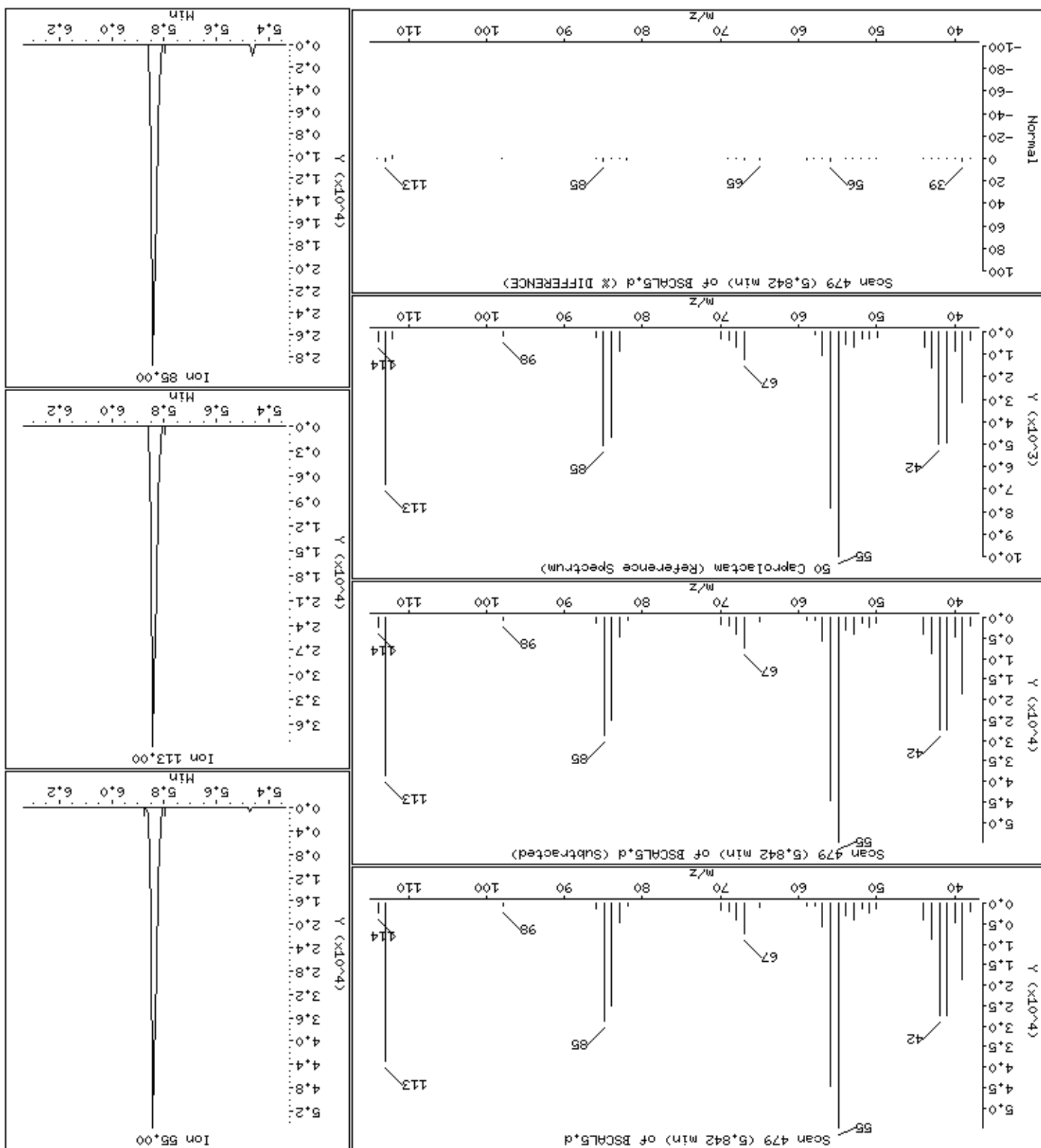
Column diameter: 0,25

25 Acetophenone

Concentration: 59,1 ug/kg







Date : 15-NOV-2012 02:43

Client ID: BSCAL5

Instrument: smsd04.i

Sample Info: 47964

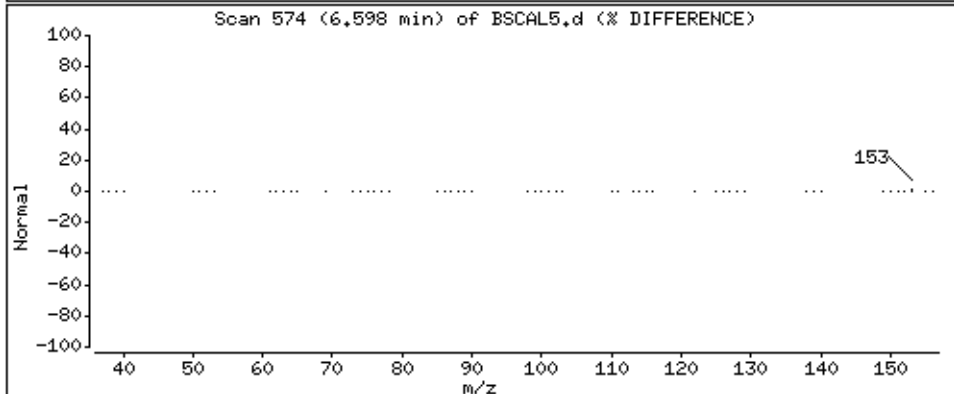
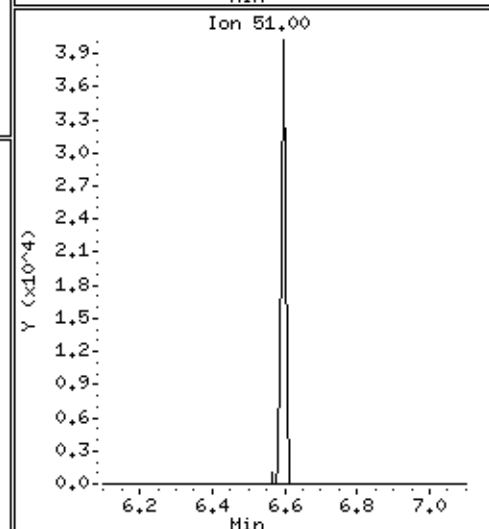
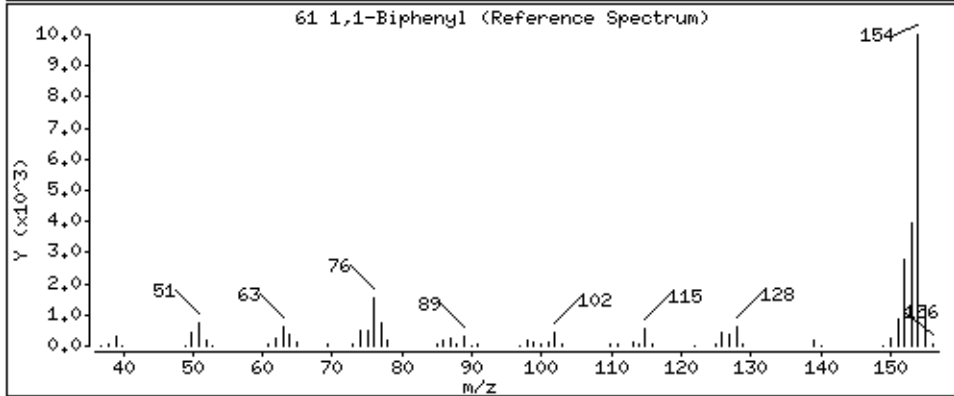
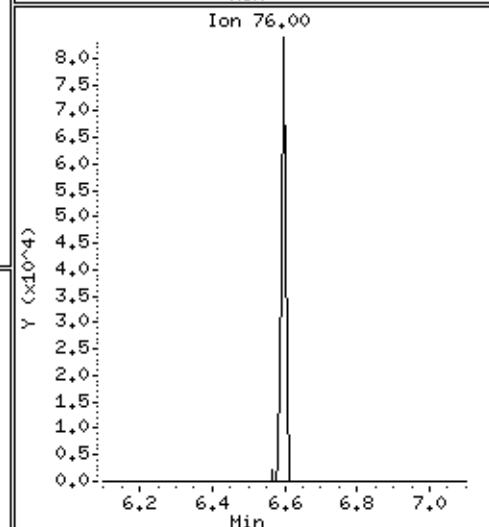
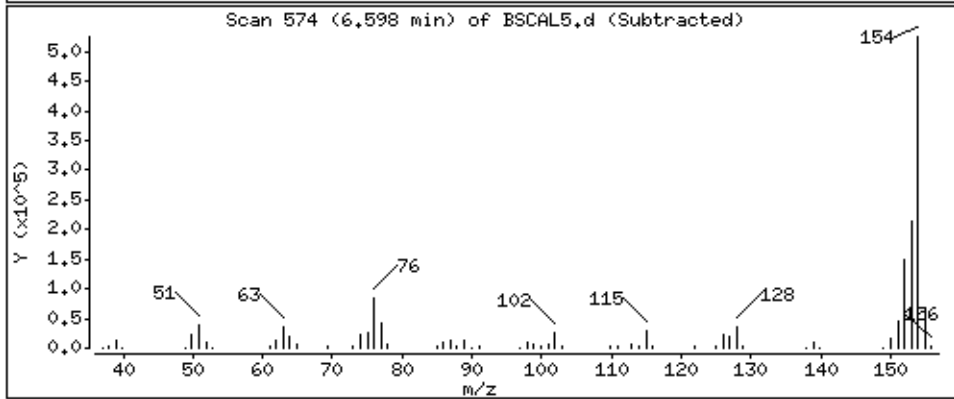
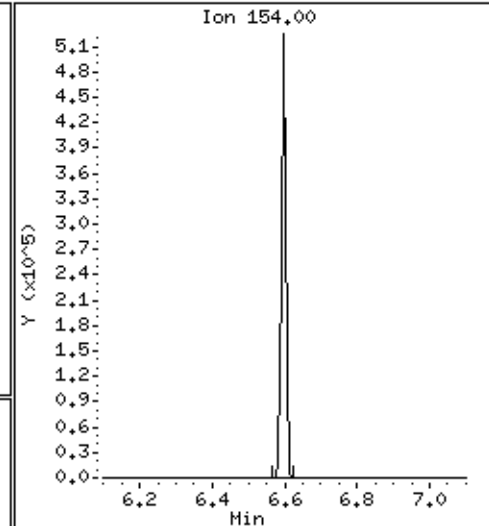
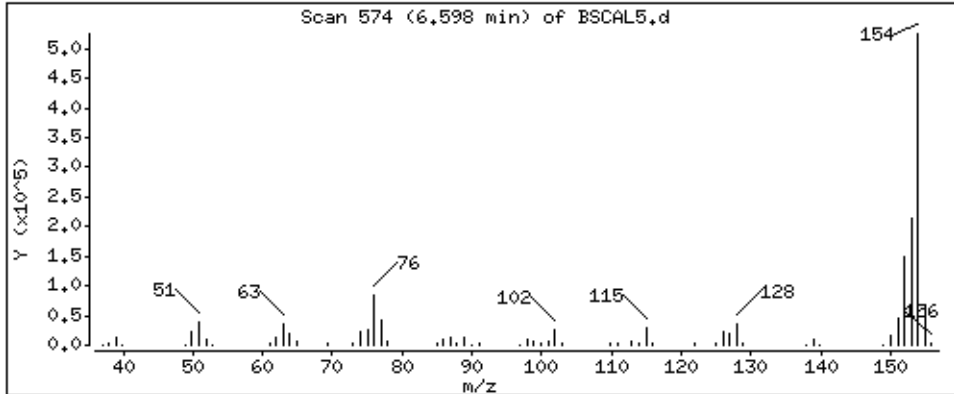
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

61 1,1-Biphenyl

Concentration: 57,5 ug/kg



Date : 15-NOV-2012 02:43

Client ID: BSCAL5

Instrument: smsd04.i

Sample Info: 47964

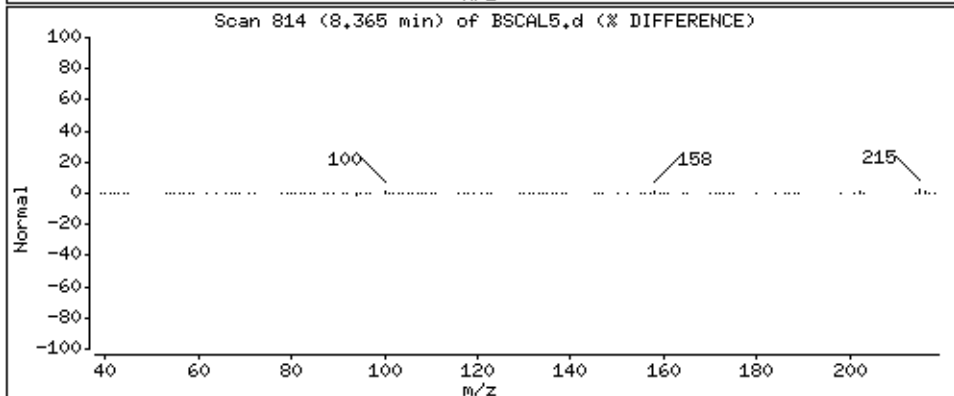
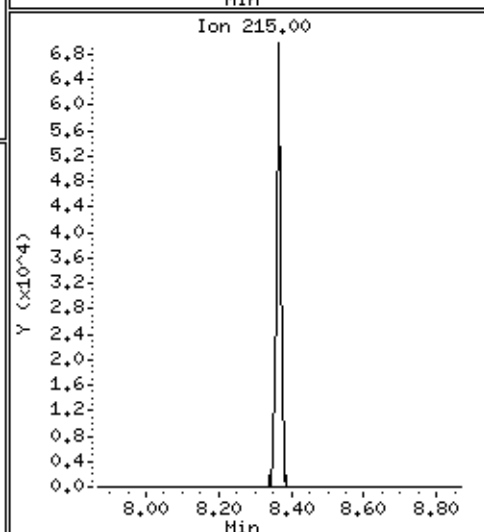
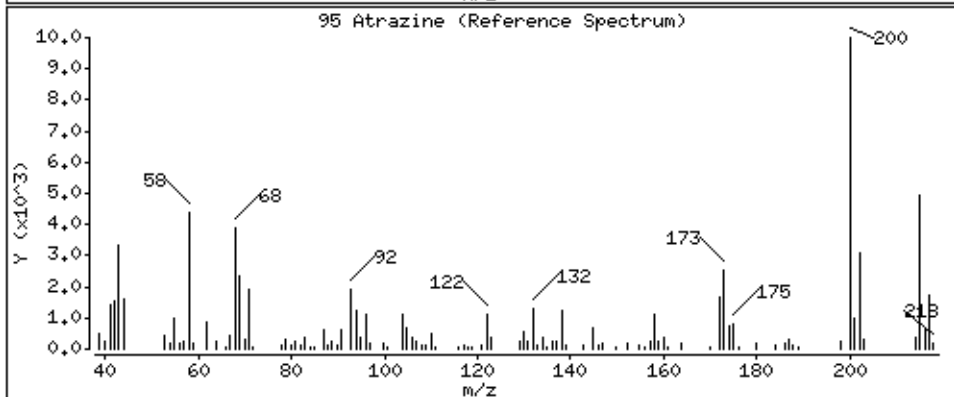
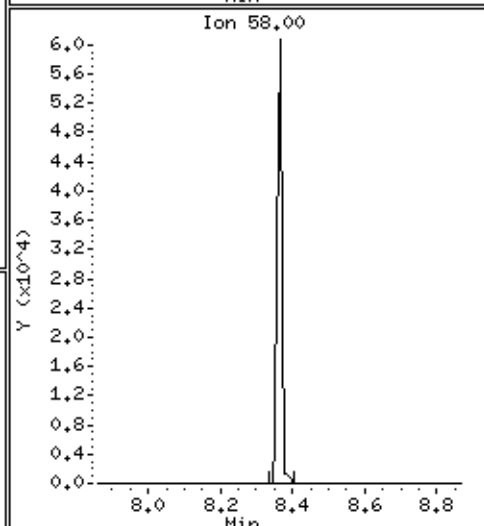
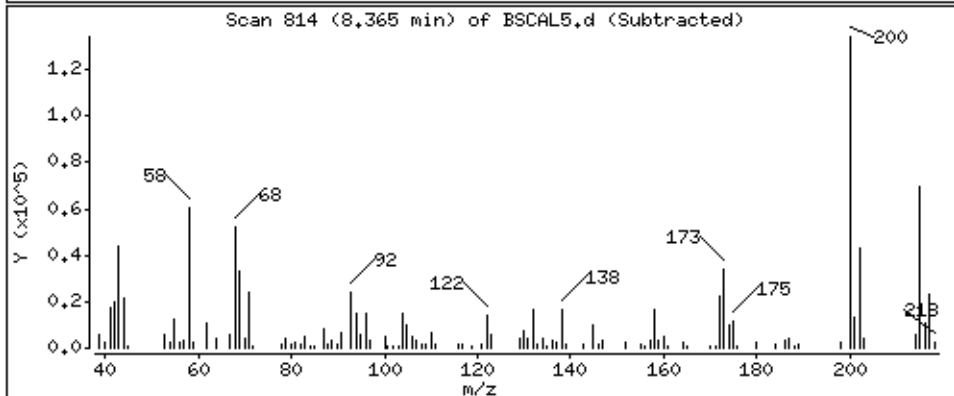
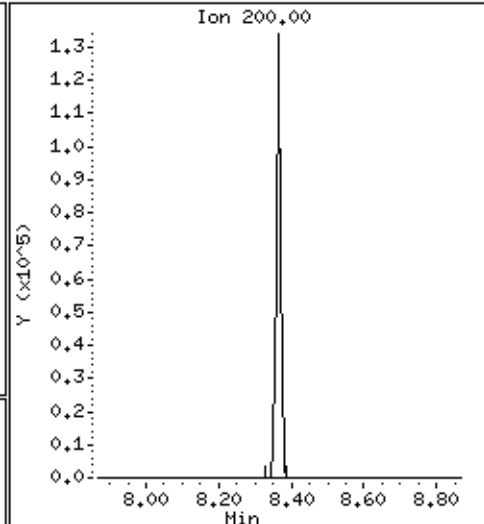
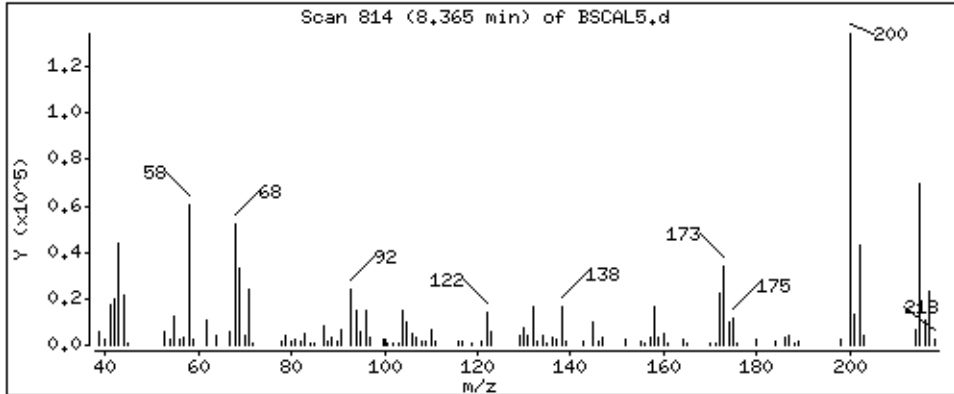
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

95 Atrazine

Concentration: 58,7 ug/kg



Date : 15-NOV-2012 02:43

Client ID: BSCAL5

Instrument: smsd04.i

Sample Info: 47964

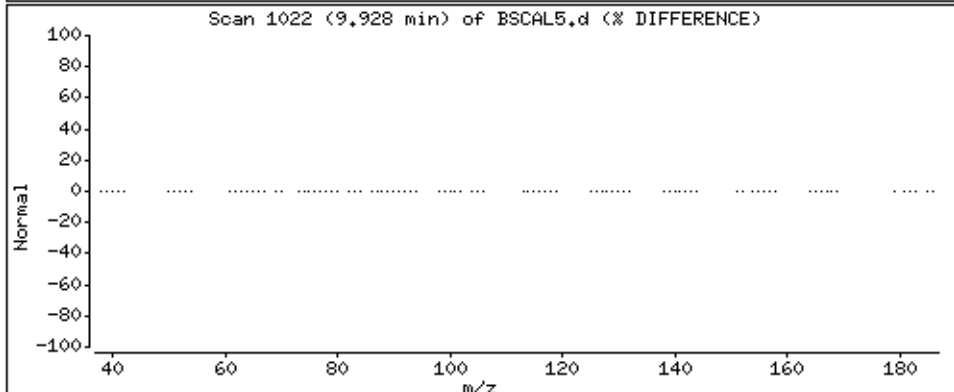
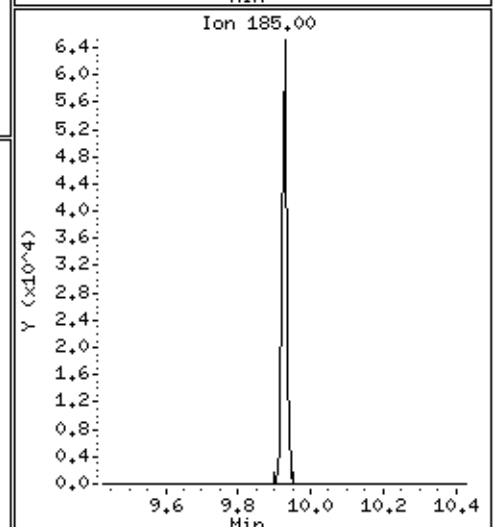
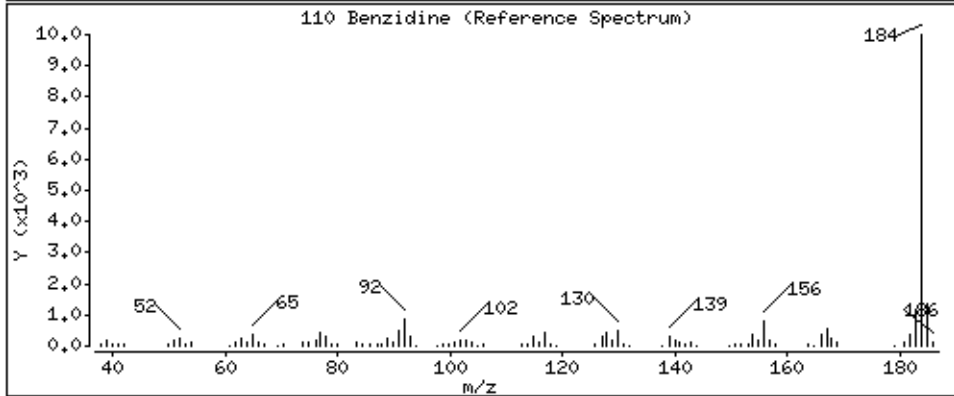
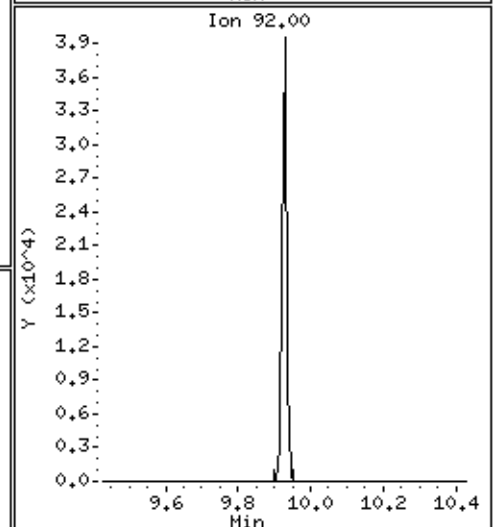
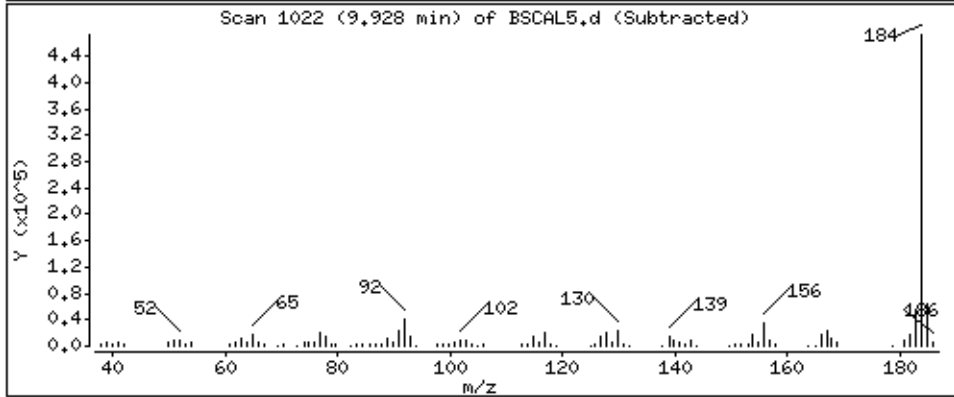
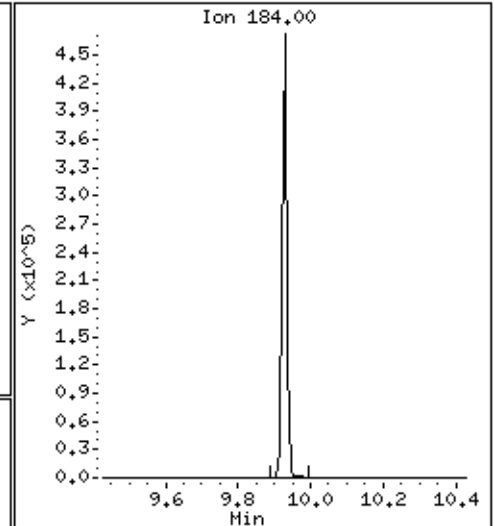
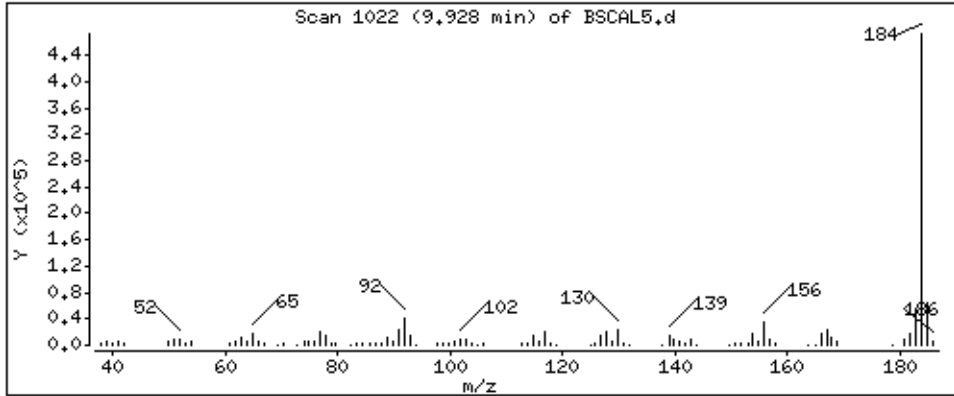
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

110 Benzidine

Concentration: 57,4 ug/kg



Date : 15-NOV-2012 02:43

Client ID: BSCAL5

Instrument: smsd04.i

Sample Info: 47964

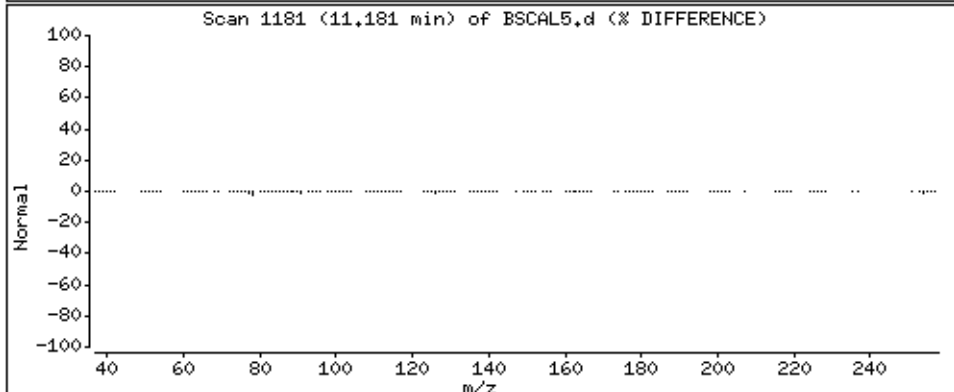
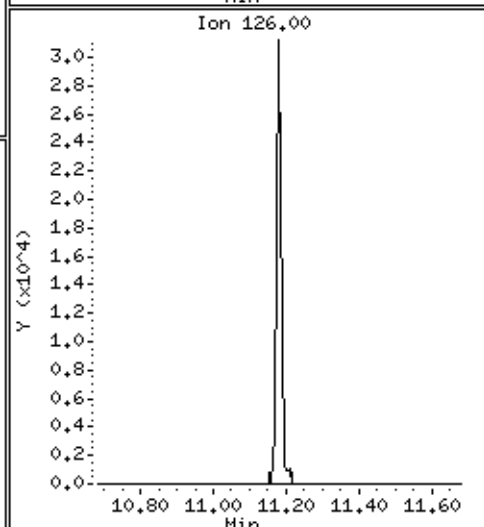
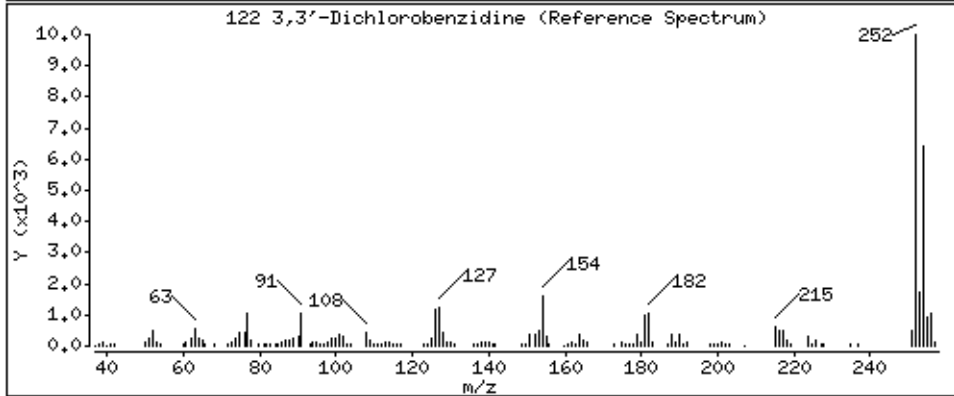
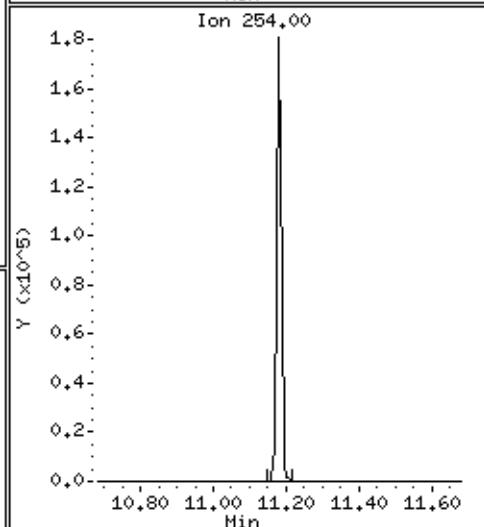
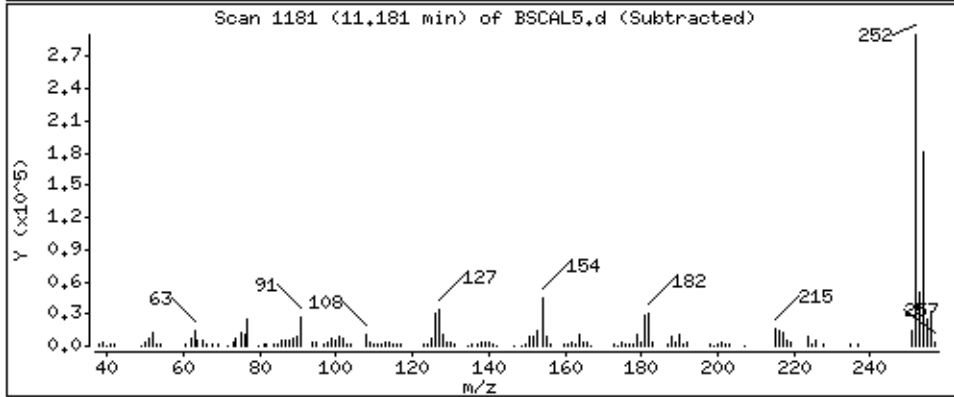
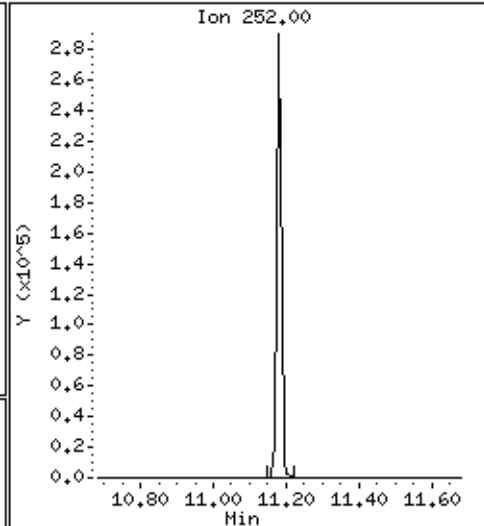
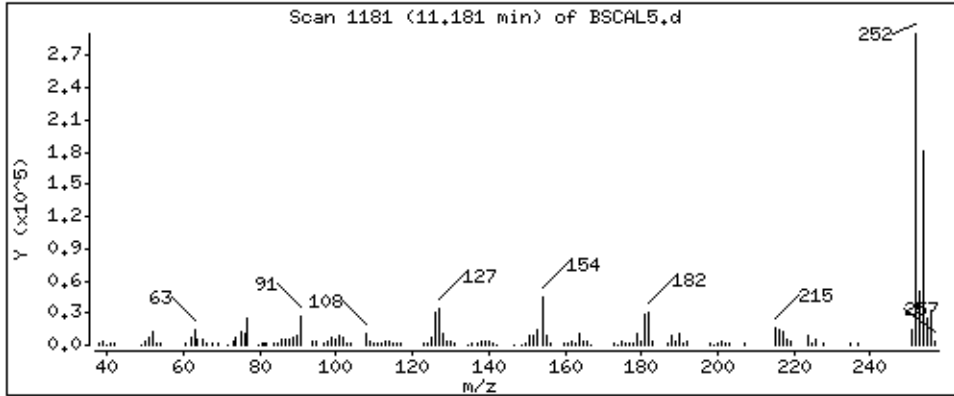
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

122 3,3'-Dichlorobenzidine

Concentration: 57,6 ug/kg



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\DFTPP6.d  
 Lab Smp Id: 47137 Client Smp ID: DFTPP6  
 Inj Date : 15-NOV-2012 07:22 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47137  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\DODTUN.m  
 Meth Date : 06-Aug-2012 11:47 Quant Type: ISTD  
 Cal Date : 23-MAR-2009 02:58 Cal File: AP9CAL1.D  
 Als bottle: 1 QC Sample: DFTPP  
 Dil Factor: 1.00000  
 Integrator: HP RTE Compound Sublist: all.sub  
 Target Version: 4.14 Sample Matrix: WATER  
 Processing Host: SVECD04

Concentration Formula: Amt \* DF \* Uf \* Vf \* Vi \* CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	1.000	Injection Volume
Cpnd Variable		Local Compound Variable

CONCENTRATIONS									
ON-COL FINAL									
RT	EXP RT	REL RT	MASS	RESPONSE	( ug/L)	( ug/L)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
1 dftpp					CAS #: 5074-71-5				
7.469	7.410	( 0.000)	198	195072			0.00-	100.00	100.00
7.469	7.410	( 0.000)	51	86136			10.00-	80.00	44.16
7.469	7.410	( 0.000)	68	0	0.0	0.0	0.00-	2.00	0.00
7.469	7.410	( 0.000)	69	107912			0.00-	0.00	55.32
7.469	7.410	( 0.000)	70	223			0.00-	2.00	0.21
7.469	7.410	( 0.000)	127	96128			10.00-	80.00	49.28
7.469	7.410	( 0.000)	197	0	0.0	0.0	0.00-	2.00	0.00
7.469	7.410	( 0.000)	199	12907			5.00-	9.00	6.62
7.469	7.410	( 0.000)	275	45632			10.00-	60.00	23.39
7.469	7.410	( 0.000)	365	5941			1.00-	0.00	3.05
7.469	7.410	( 0.000)	441	21944			0.01-	24.00	17.16
7.469	7.410	( 0.000)	442	127864			50.00-	0.00	65.55
7.469	7.410	( 0.000)	443	25088			15.00-	24.00	19.62

Data File: \\sved04\DD\chem\smsd04\541114SScal\*B\DFTPP6.d

Date : 15-NOV-2012 07:22

Client ID: DFTPP6

Sample Info: 47137

Volume Injected (uL): 1.0

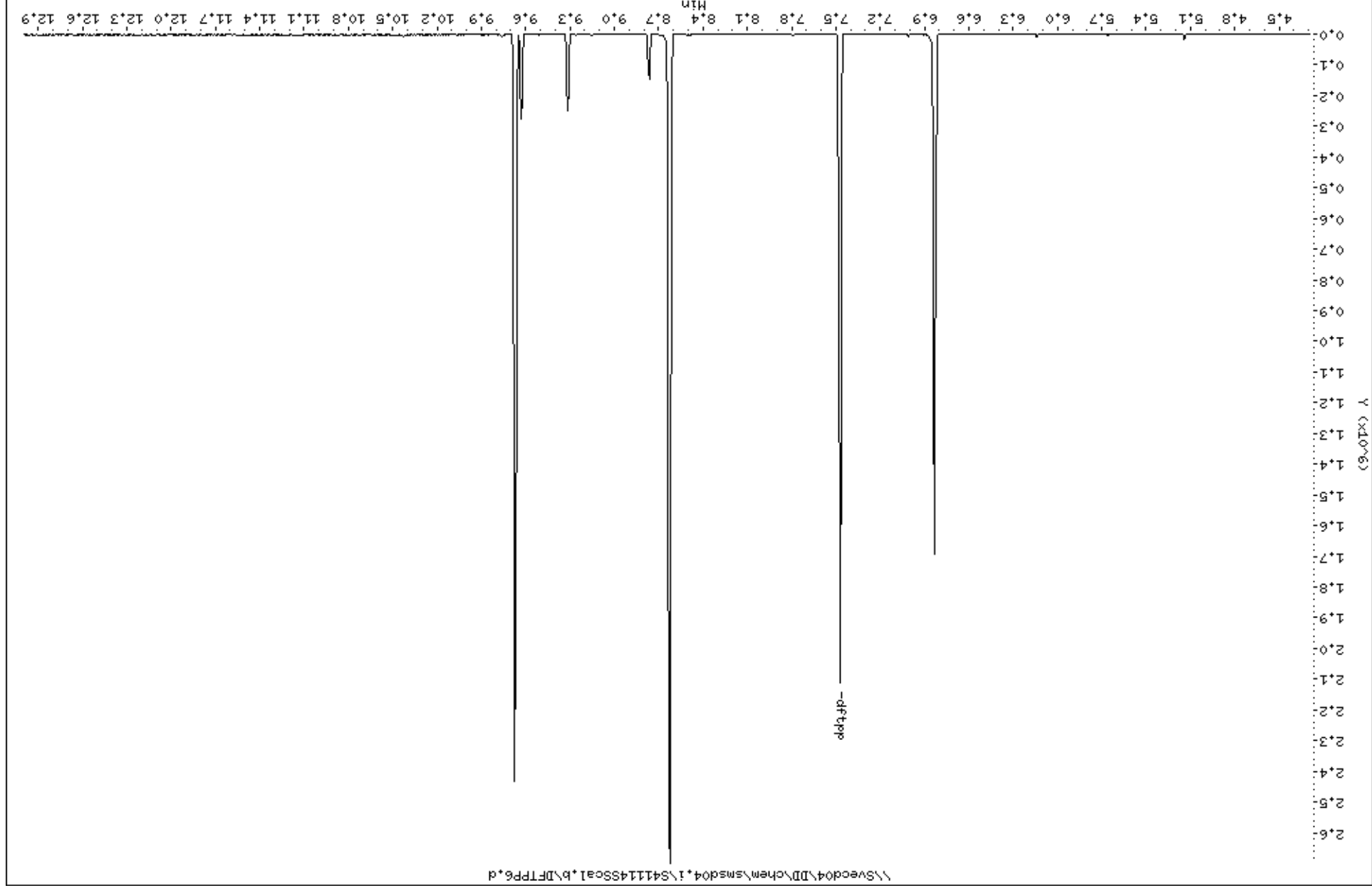
Column phase:

\\sved04\DD\chem\smsd04\541114SScal\*B\DFTPP6.d

Column diameter: 2.00

Operator: MJ

Instrument: smsd04.i



Date : 15-NOV-2012 07:22

Client ID: DFTPP6

Instrument: smsd04.i

Sample Info: 47137

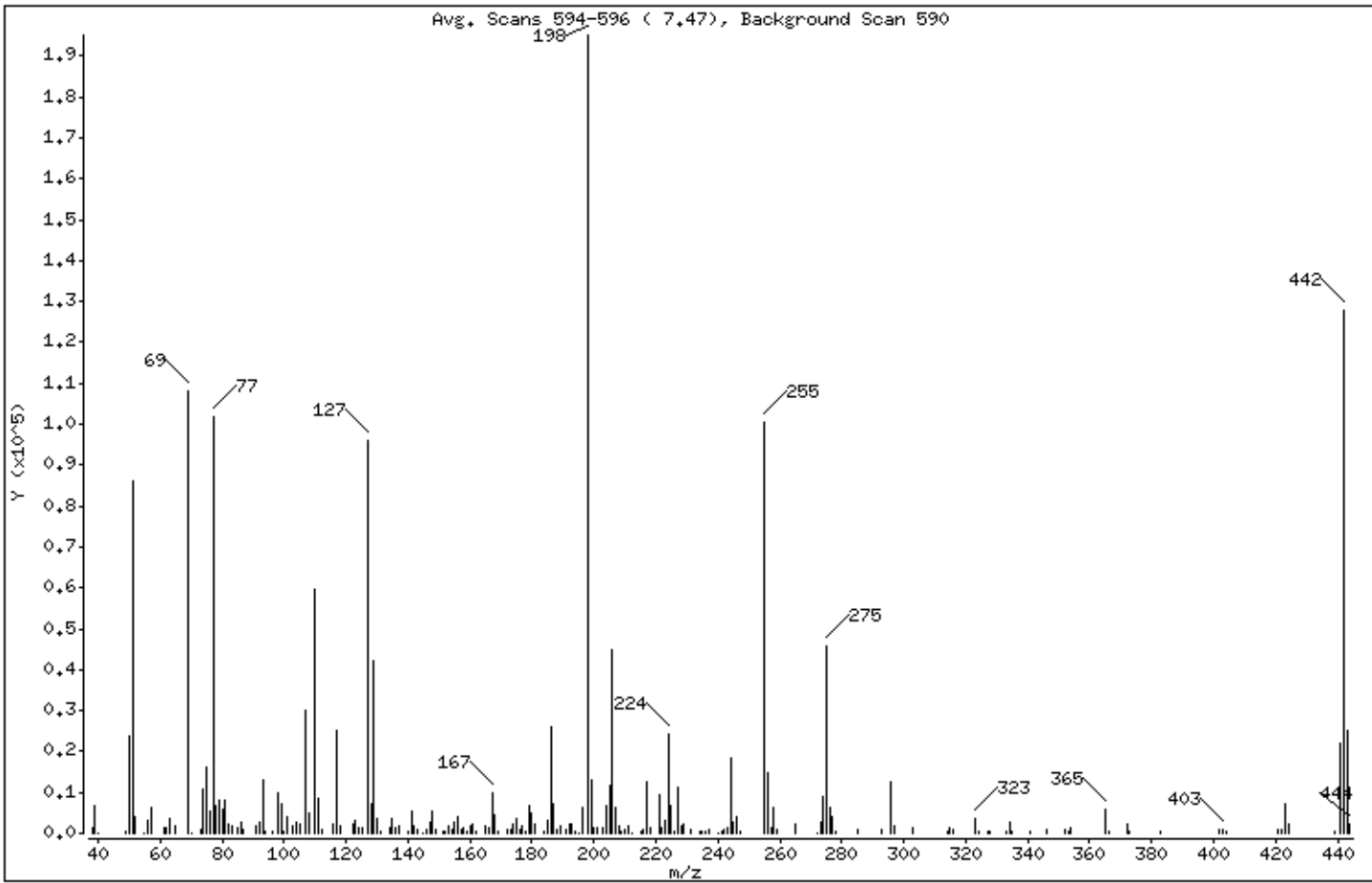
Volume Injected (uL): 1.0

Operator: MJ

Column phase:

Column diameter: 2.00

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	10.00 - 80.00% of mass 198	44.16
68	Less than 2.00% of mass 69	0.00 ( 0.00)
69	Mass 69 relative abundance	55.32
70	Less than 2.00% of mass 69	0.11 ( 0.21)
127	10.00 - 80.00% of mass 198	49.28
197	Less than 2.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.62
275	10.00 - 60.00% of mass 198	23.39
365	Greater than 1.00% of mass 198	3.05
441	0.01 - 24.00% of mass 442	11.25 ( 17.16)
442	Greater than 50.00% of mass 198	65.55
443	15.00 - 24.00% of mass 442	12.86 ( 19.62)



Data File: DFTPP6.d  
 Spectrum: Avg. Scans 594-596 ( 7.47), Background Scan 590  
 Location of Maximum: 198.00  
 Number of points: 201

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	1329	123.00	3289	187.00	7328	257.00	1377
39.00	6510	124.00	1246	188.00	748	258.00	6087
40.00	217	125.00	1124	189.00	1778	259.00	776
49.00	267	127.00	96128	191.00	705	265.00	2180
50.00	23880	128.00	7331	192.00	2324	272.00	221
51.00	86136	129.00	41936	193.00	2177	273.00	2725
52.00	4085	130.00	3590	194.00	247	274.00	9069
55.00	217	131.00	498	195.00	219	275.00	45632
56.00	3028	134.00	1312	196.00	6201	276.00	6093
57.00	6254	135.00	3366	198.00	195072	277.00	4080
61.00	1217	136.00	1389	199.00	12907	278.00	558
62.00	1250	137.00	1772	200.00	1157	285.00	861
63.00	3805	140.00	234	201.00	1131	293.00	777
65.00	1848	141.00	5488	203.00	1423	296.00	12563
69.00	107912	142.00	1694	204.00	6812	297.00	1609
70.00	223	143.00	906	205.00	11615	303.00	1350
73.00	978	145.00	218	206.00	44888	314.00	515
74.00	10631	146.00	936	207.00	6064	315.00	1440
75.00	15996	147.00	2622	208.00	1703	316.00	726
76.00	5533	148.00	5604	209.00	273	323.00	3796
77.00	101624	149.00	1058	210.00	698	324.00	616
78.00	6921	151.00	274	211.00	1970	327.00	537
79.00	8251	152.00	280	212.00	220	328.00	229
80.00	5941	153.00	1756	215.00	509	333.00	248
81.00	7970	154.00	1020	216.00	784	334.00	2561
82.00	2168	155.00	2747	217.00	12453	335.00	609
83.00	1667	156.00	4215	218.00	1467	341.00	270
85.00	1517	157.00	959	221.00	9497	346.00	780
86.00	2611	158.00	1164	222.00	1155	352.00	944
87.00	1049	159.00	541	223.00	2974	353.00	486
91.00	1896	160.00	1724	224.00	24400	354.00	1301
92.00	2542	161.00	2172	225.00	6721	365.00	5941
93.00	12903	162.00	265	226.00	476	366.00	628
94.00	554	165.00	1976	227.00	11016	372.00	2069
96.00	242	166.00	1326	228.00	1574	373.00	562

Data File: \\Svevod04\DD\chen\smsd04\15411145Scal1.B\DFTPP6.d

Date: 15-NOV-2012 07:22

Client ID: DFTPP6

Instrument: smsd04.1

Sample Info: 47137

Operator: MJ

Volume Injected (uL): 1.0

Column diameter: 2.00

Column phase:

Data File: DFTPP6.d  
Spectrum: Avg. Scans 594-596 ( 7.47), Background Scan 590  
Location of Maximum: 198.00  
Number of points: 201

m/z	Y	m/z	Y	m/z	Y	m/z	Y
98.00	9971	167.00	10002	229.00	2155	383.00	529
99.00	7377	168.00	4554	231.00	968	402.00	722
100.00	488	169.00	609	234.00	542	403.00	814
101.00	4240	172.00	771	235.00	500	404.00	227
103.00	1713	173.00	1040	236.00	240	421.00	876
104.00	2642	174.00	2043	237.00	1103	422.00	976
105.00	2175	175.00	3658	240.00	220	423.00	7019
107.00	30040	176.00	959	241.00	588	424.00	2051
108.00	4721	177.00	1993	242.00	1095	429.00	576
110.00	59848	178.00	625	243.00	1548	441.00	21944
111.00	8493	179.00	6893	244.00	18336	442.00	127864
112.00	1087	180.00	5088	245.00	2572	443.00	25088
116.00	2031	181.00	2158	246.00	3970	444.00	2172
117.00	25224	184.00	339	247.00	646		
118.00	1887	185.00	3302	255.00	100264		
122.00	2088	186.00	25896	256.00	14669		

DFTPP TUNE/TAILING FACTOR/DEGRADATION SAMPLE AND GRAPHIC REPORT

Report Date: 11/15/2012 07:38

Datafile Analyzed: //Svecd04/DD/chem/smsd04.i/S41114SS.b/DFTPP6.d  
DFTPP TUNE/TAILING FACTOR/DEGRADATION SAMPLE AND GRAPHIC REPORT

Report Date: 11/26/2012 18:06

Datafile Analyzed: //Svecd04/DD/chem/smsd04.i/S41114SScal.b/DFTPP6.d

PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\BSCAL4.d  
 Lab Smp Id: 47965 Client Smp ID: BSCAL4  
 Inj Date : 15-NOV-2012 07:40 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47965  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 10:28 Cal File: AP9CAL4.d  
 Als bottle: 34 Calibration Sample, Level: 4  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: BZSOWcal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

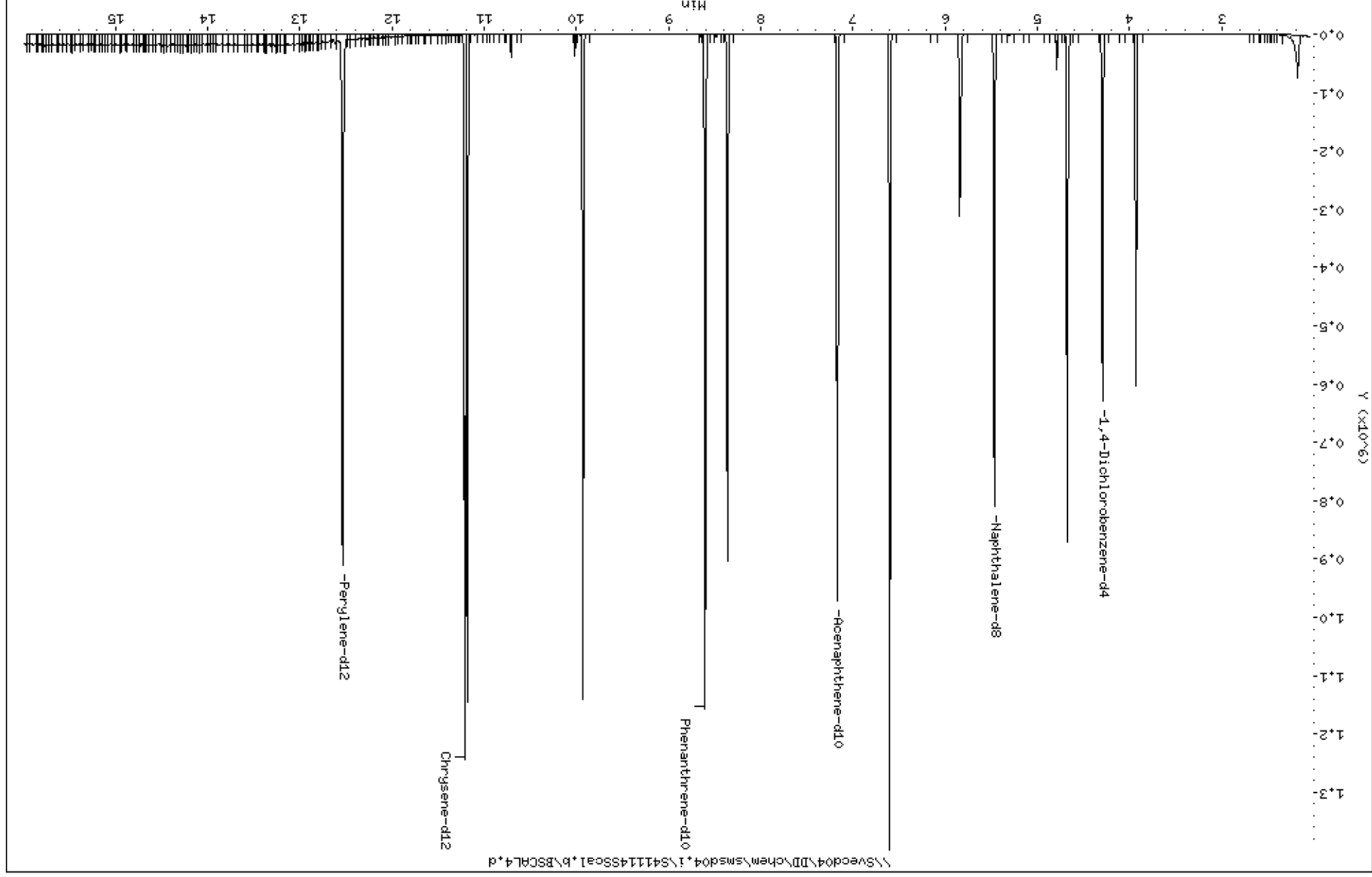
Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
-----									
9 Benzaldehyde						CAS #: 100-52-7			
3.931	3.929	( 0.915)	77	144451	45.0000	44.6	80.00- 120.00	100.00(a)	
3.931	3.929	( 0.915)	106	116466			52.13- 112.13	80.63	
3.931	3.929	( 0.915)	51	66564			17.54- 77.54	46.08	
-----									
* 18 1,4-Dichlorobenzene-d4						CAS #: 3855-82-1			
4.297	4.294	( 1.000)	152	101386	40.0000		80.00- 120.00	100.00	
4.296	4.294	( 1.000)	115	64446			34.81- 94.81	63.56	
4.296	4.294	( 1.000)	150	157234			126.51- 186.51	155.08	
-----									
25 Acetophenone						CAS #: 98-86-2			
4.675	4.675	( 0.855)	105	222727	45.0000	44.5	80.00- 120.00	100.00	
4.674	4.675	( 0.855)	77	207835			60.51- 120.51	93.31	
4.674	4.674	( 0.855)	51	69575			1.60- 61.60	31.24	
-----									
* 43 Naphthalene-d8						CAS #: 1146-65-2			
5.465	5.463	( 1.000)	136	343987	40.0000		80.00- 120.00	100.00	
5.464	5.463	( 1.000)	68	25729			0.00- 37.51	7.48	
-----									
50 Caprolactam						CAS #: 105-60-2			
5.841	5.836	( 1.069)	55	70369	45.0000	46.5	80.00- 120.00	100.00(a)	

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
50 Caprolactam (continued)									
5.841	5.836	( 1.069)	113	47133			40.21-	100.21	66.98
5.841	5.836	( 1.069)	85	35176			19.92-	79.92	49.99
-----									
61 1,1-Biphenyl						CAS #: 92-52-4			
6.598	6.598	( 0.920)	154	375067	45.0000	43.1	80.00-	120.00	100.00(a)
6.598	6.597	( 0.920)	76	58794			0.00-	46.03	15.68
6.598	6.597	( 0.920)	51	28123			0.00-	37.80	7.50
-----									
* 70 Acenaphthene-d10						CAS #: 15067-26-2			
7.169	7.167	( 1.000)	164	223992	40.0000		80.00-	120.00	100.00
7.169	7.168	( 1.000)	162	211252			66.12-	126.12	94.31
7.169	7.167	( 1.000)	160	94919			13.21-	73.21	42.38
-----									
95 Atrazine						CAS #: 1912-24-9			
8.366	8.364	( 0.972)	200	109896	45.0000	44.7	80.00-	120.00	100.00(a)
8.365	8.363	( 0.972)	58	48324			14.20-	74.20	43.97
8.366	8.364	( 0.972)	215	54792			20.34-	80.34	49.86
-----									
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.603	8.604	( 1.000)	188	416316	40.0000		80.00-	120.00	100.00
8.603	8.604	( 1.000)	94	42847			0.00-	40.39	10.29
8.602	8.603	( 1.000)	80	48034			0.00-	41.55	11.54
-----									
110 Benzidine						CAS #: 92-87-5			
9.929	9.927	( 0.885)	184	394967	45.0000	42.6	80.00-	120.00	100.00(a)
9.928	9.927	( 0.885)	92	33478			0.00-	38.66	8.48
9.929	9.927	( 0.885)	185	54916			0.00-	43.92	13.90
-----									
122 3,3'-Dichlorobenzidine						CAS #: 91-94-1			
11.183	11.181	( 0.997)	252	234593	45.0000	42.8	80.00-	120.00	100.00(a)
11.183	11.181	( 0.997)	254	149087			34.93-	94.93	63.55
11.182	11.180	( 0.997)	126	27215			0.00-	41.83	11.60
-----									
* 121 Chrysene-d12						CAS #: 1719-03-5			
11.213	11.211	( 1.000)	240	481557	40.0000		80.00-	120.00	100.00
11.213	11.210	( 1.000)	120	48926			0.00-	40.02	10.16
11.213	11.210	( 1.000)	236	119169			0.00-	54.50	24.75
-----									
* 130 Perylene-d12						CAS #: 1520-96-3			
12.535	12.532	( 1.000)	264	420263	40.0000		80.00-	120.00	100.00
12.535	12.533	( 1.000)	260	93311			0.00-	52.70	22.20
12.535	12.532	( 1.000)	265	91392			0.00-	52.11	21.75
-----									

QC Flag Legend

a - Target compound detected but, quantitated amount  
 Below Limit Of Quantitation(BLOQ).



Date: 15-NOV-2012 07:40

Client ID: BSCAL4

Sample Info: 47965

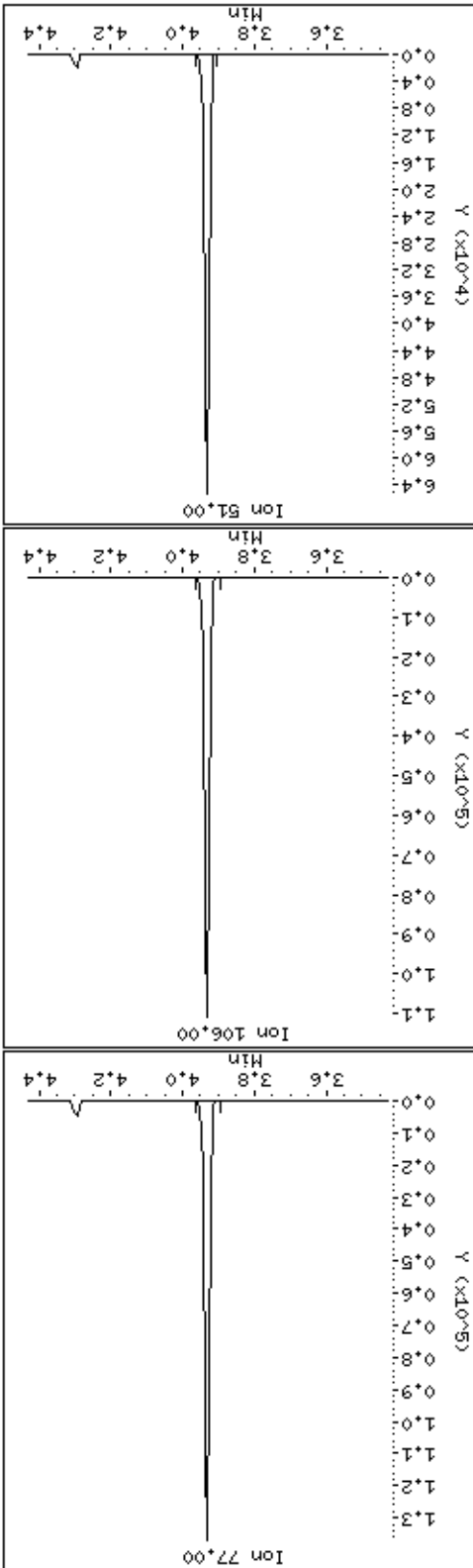
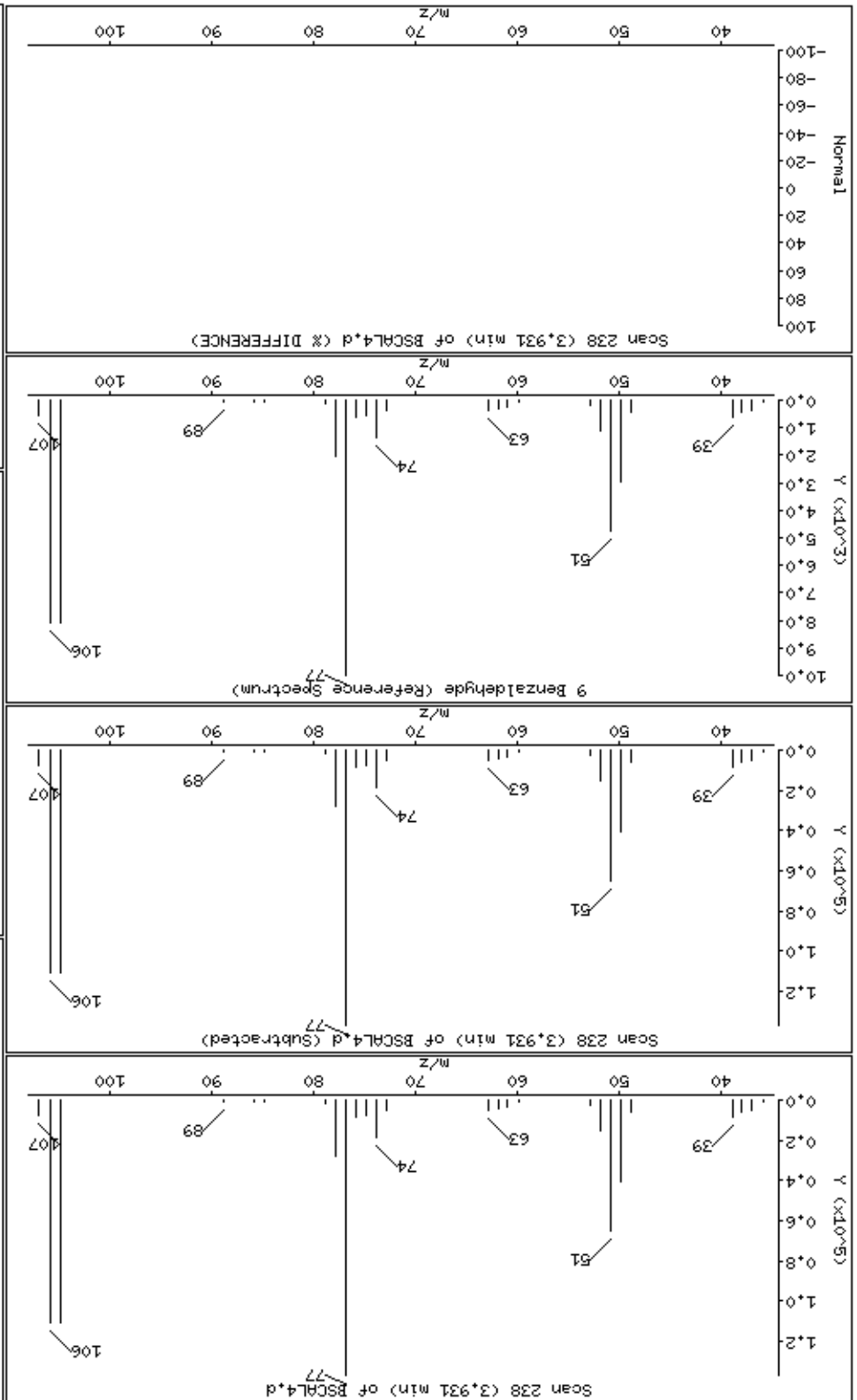
Operator: MJ

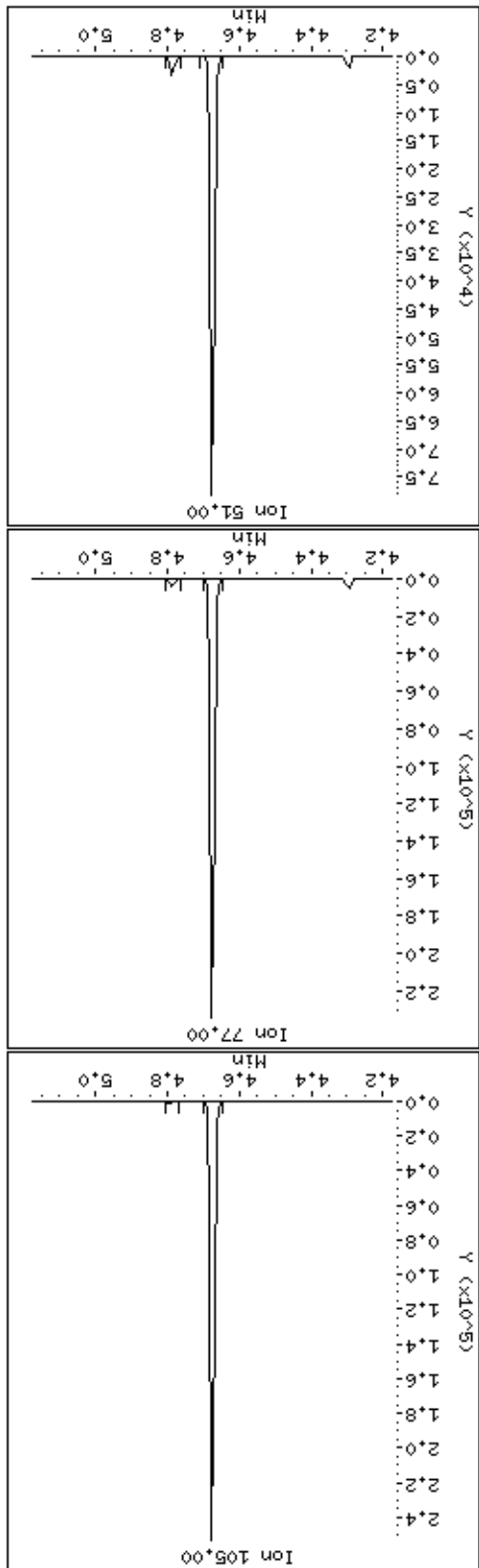
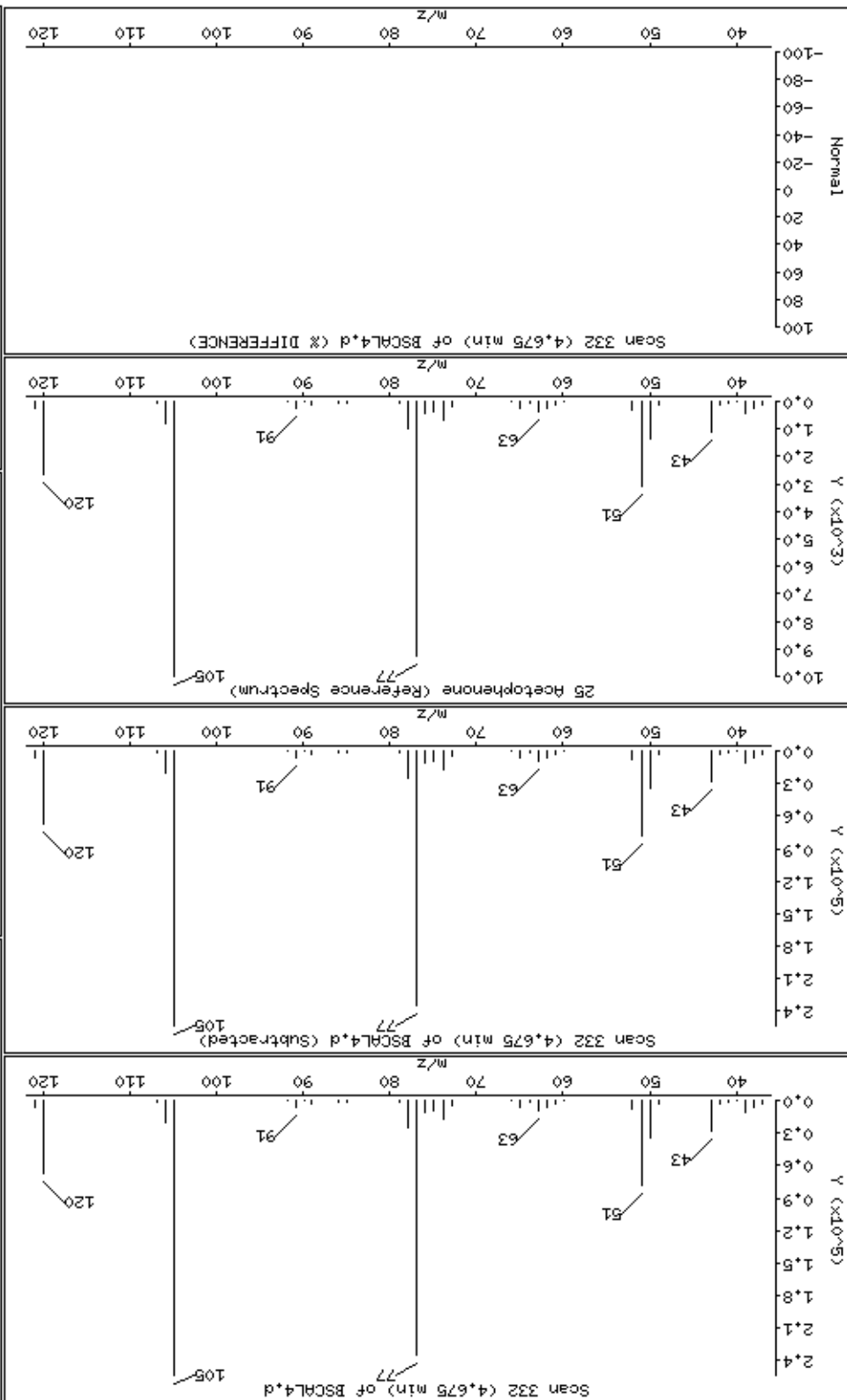
Column diameter: 0.25

Concentration: 44.6 ug/kg

Instrument: smsd04.1

9 Benzaldehyde







Date : 15-NOV-2012 07:40

Client ID: BSCAL4

Instrument: smsd04.i

Sample Info: 47965

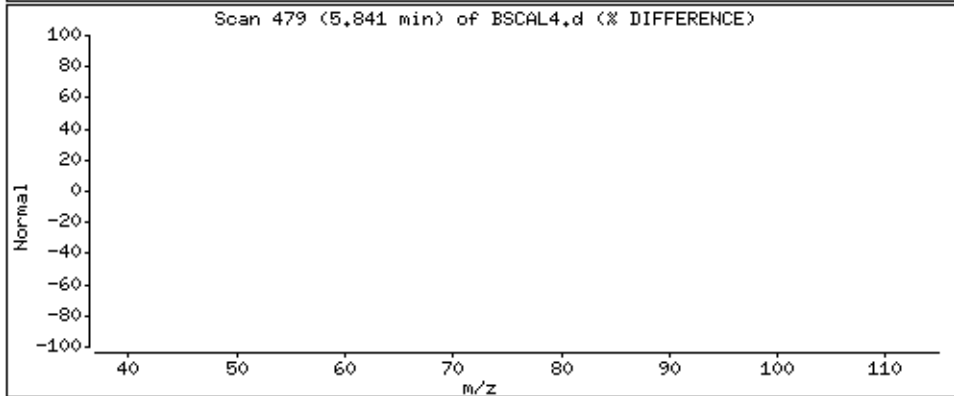
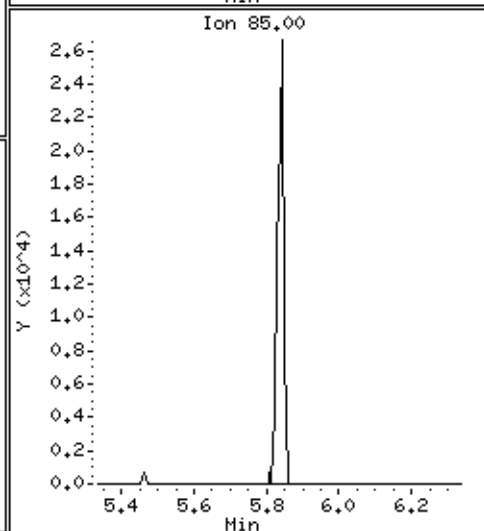
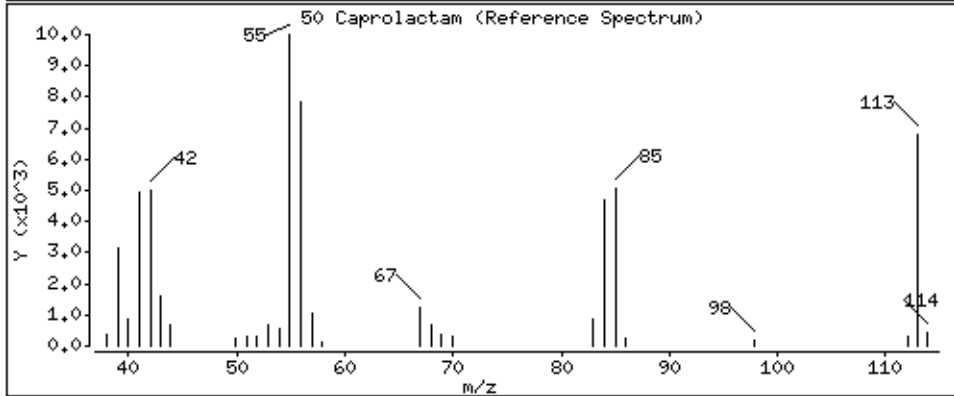
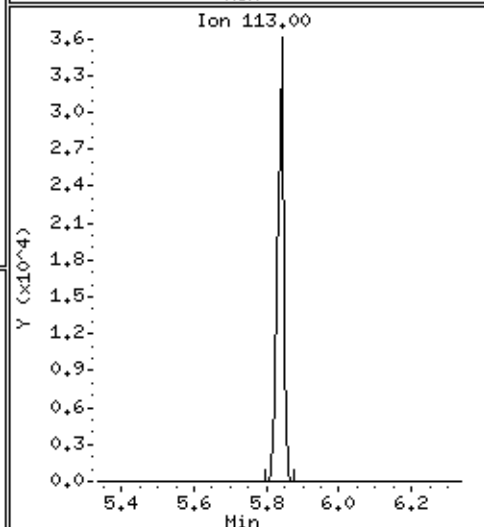
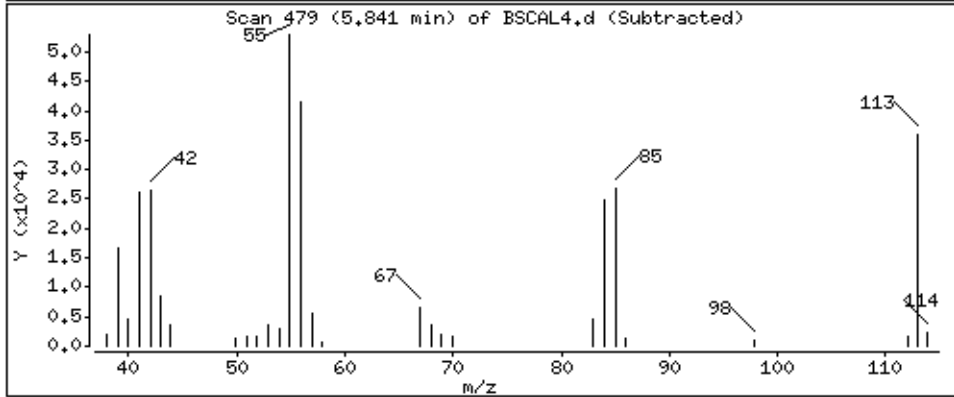
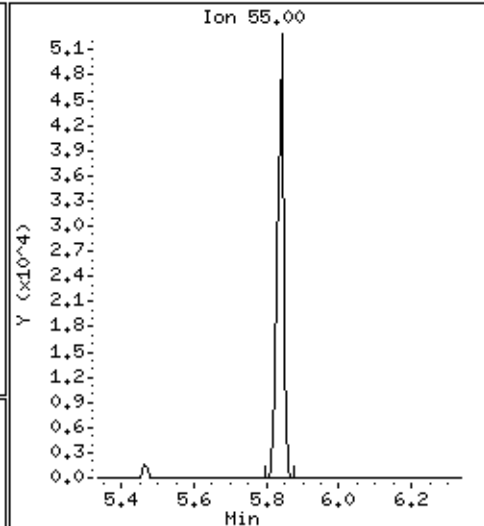
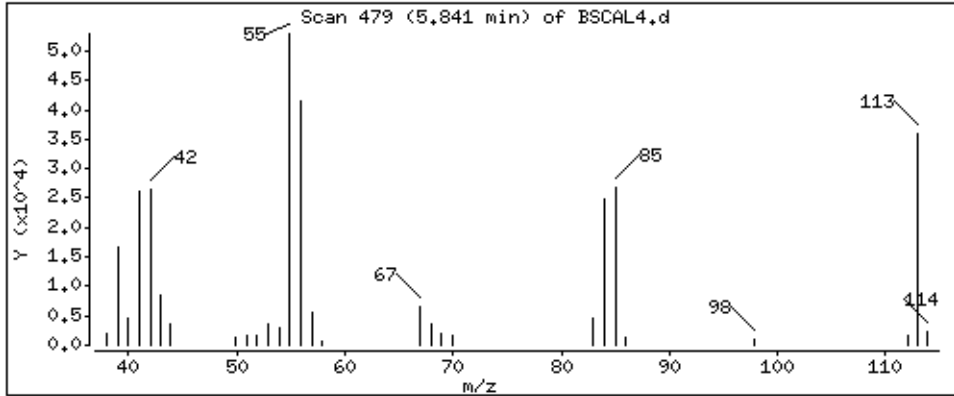
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

50 Caprolactam

Concentration: 46,5 ug/kg



Date : 15-NOV-2012 07:40

Client ID: BSCAL4

Instrument: smsd04.i

Sample Info: 47965

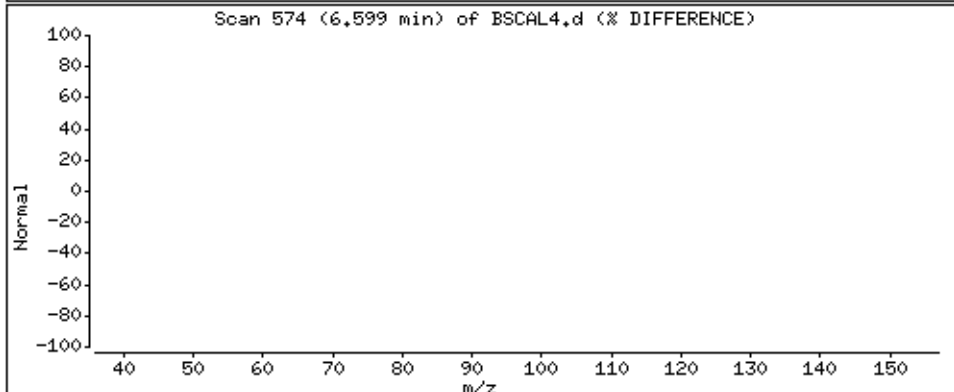
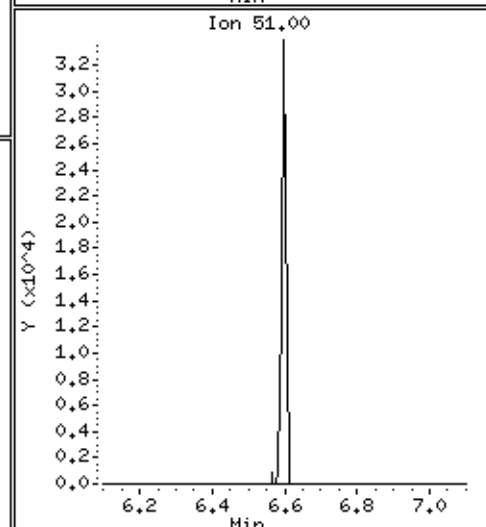
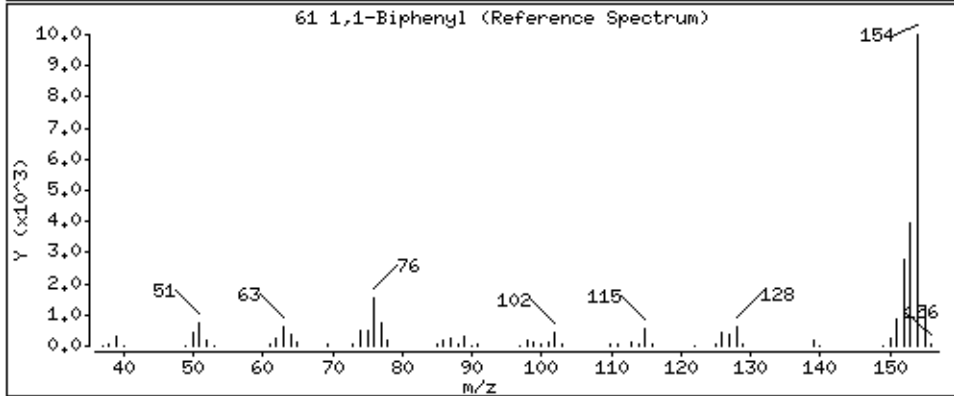
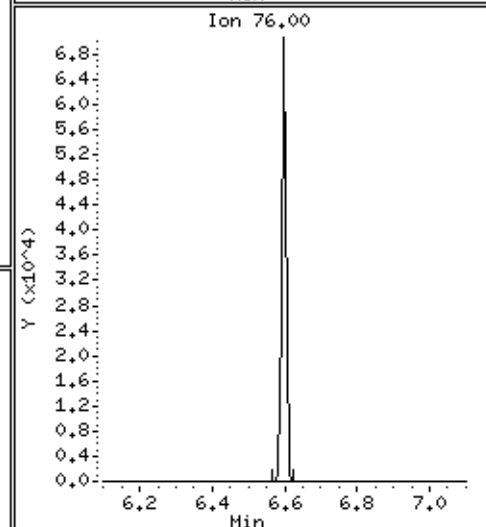
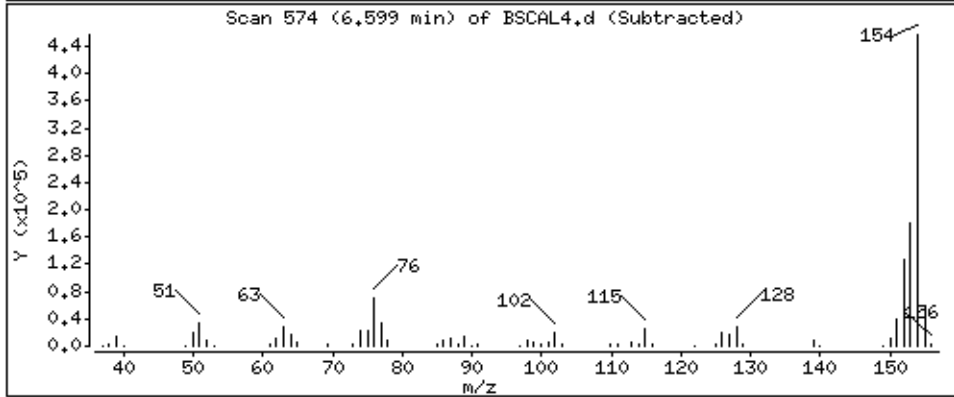
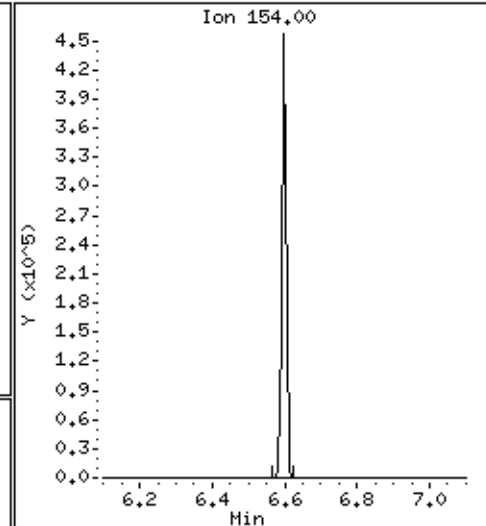
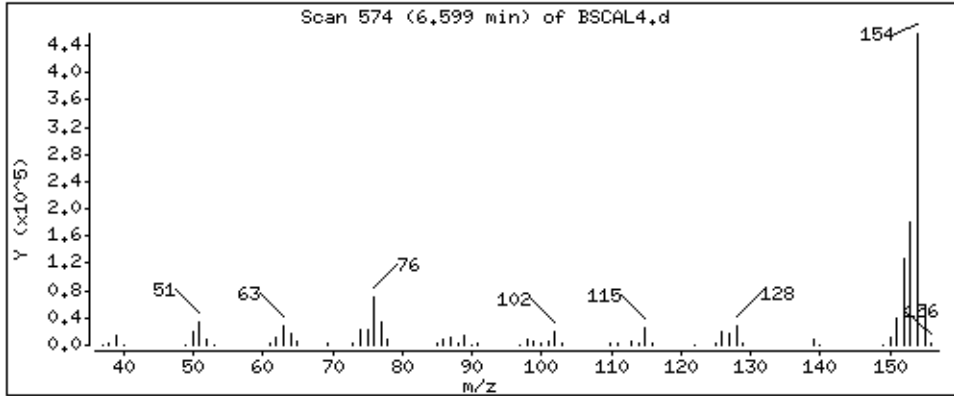
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

61 1,1-Biphenyl

Concentration: 43,1 ug/kg



Date : 15-NOV-2012 07:40

Client ID: BSCAL4

Instrument: smsd04.i

Sample Info: 47965

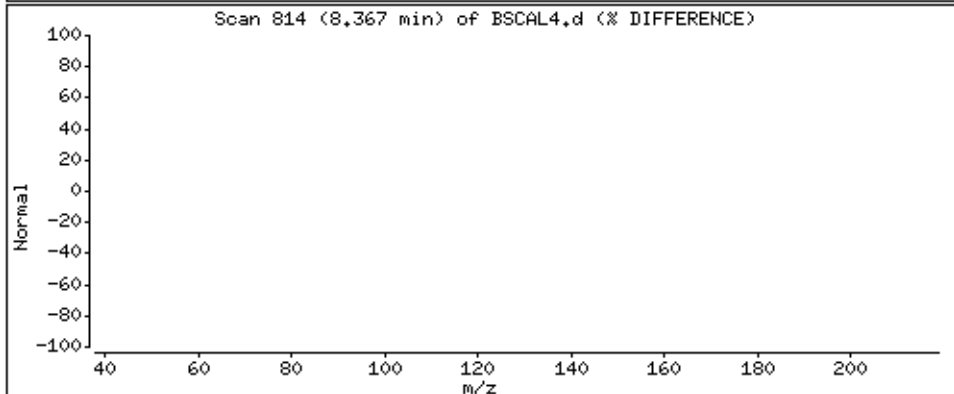
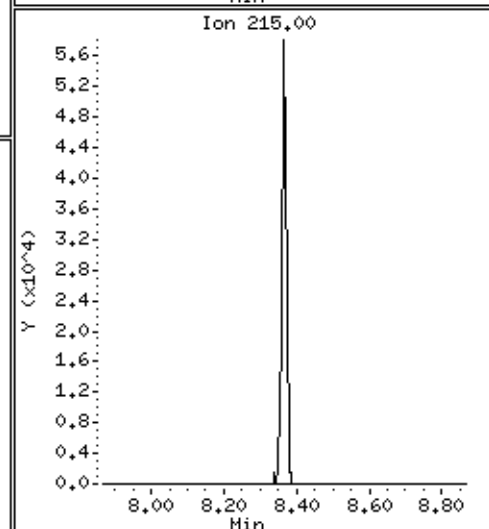
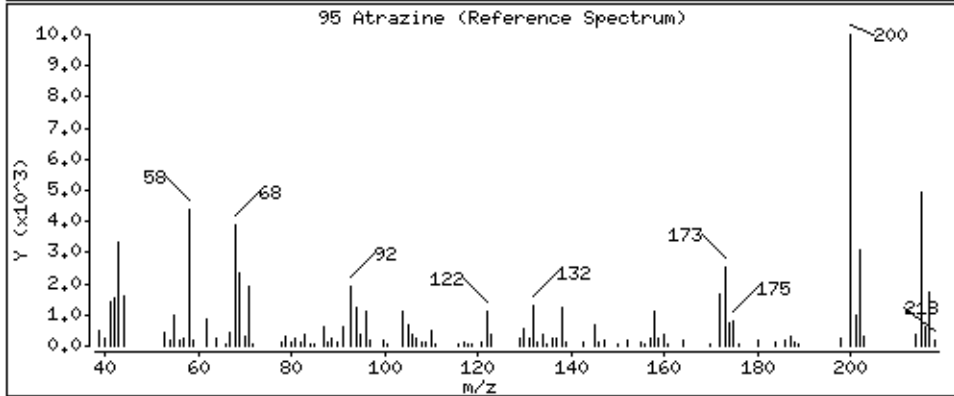
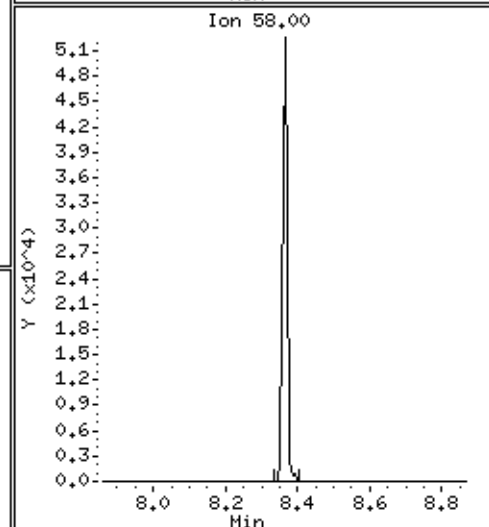
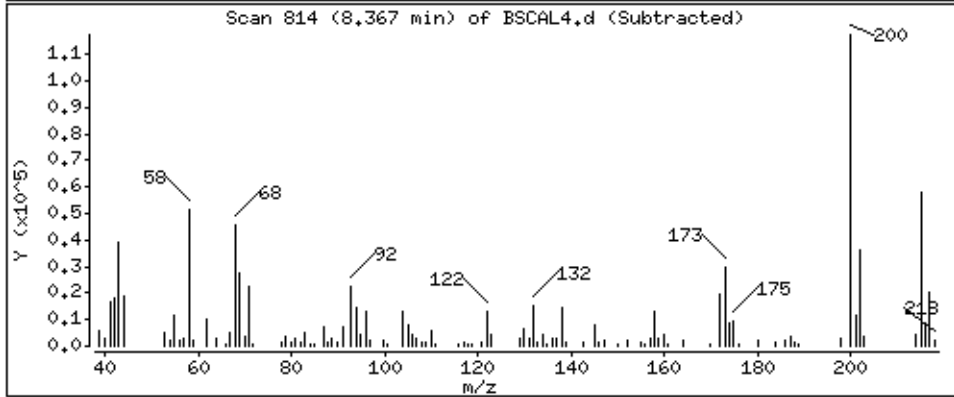
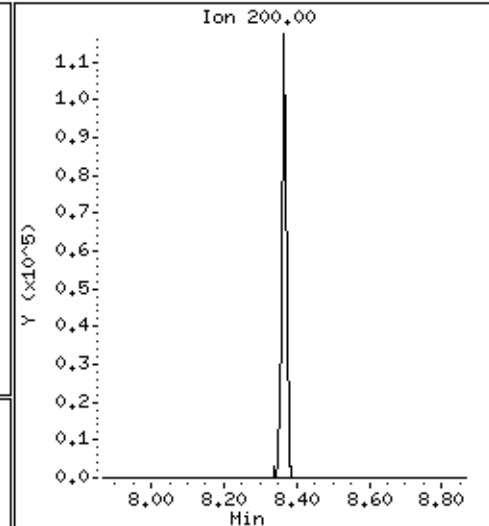
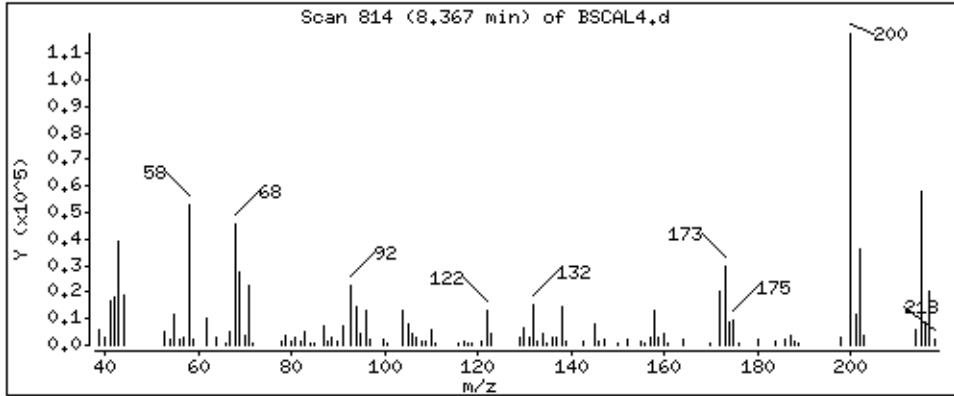
Operator: MJ

Column phase: HPMS-5

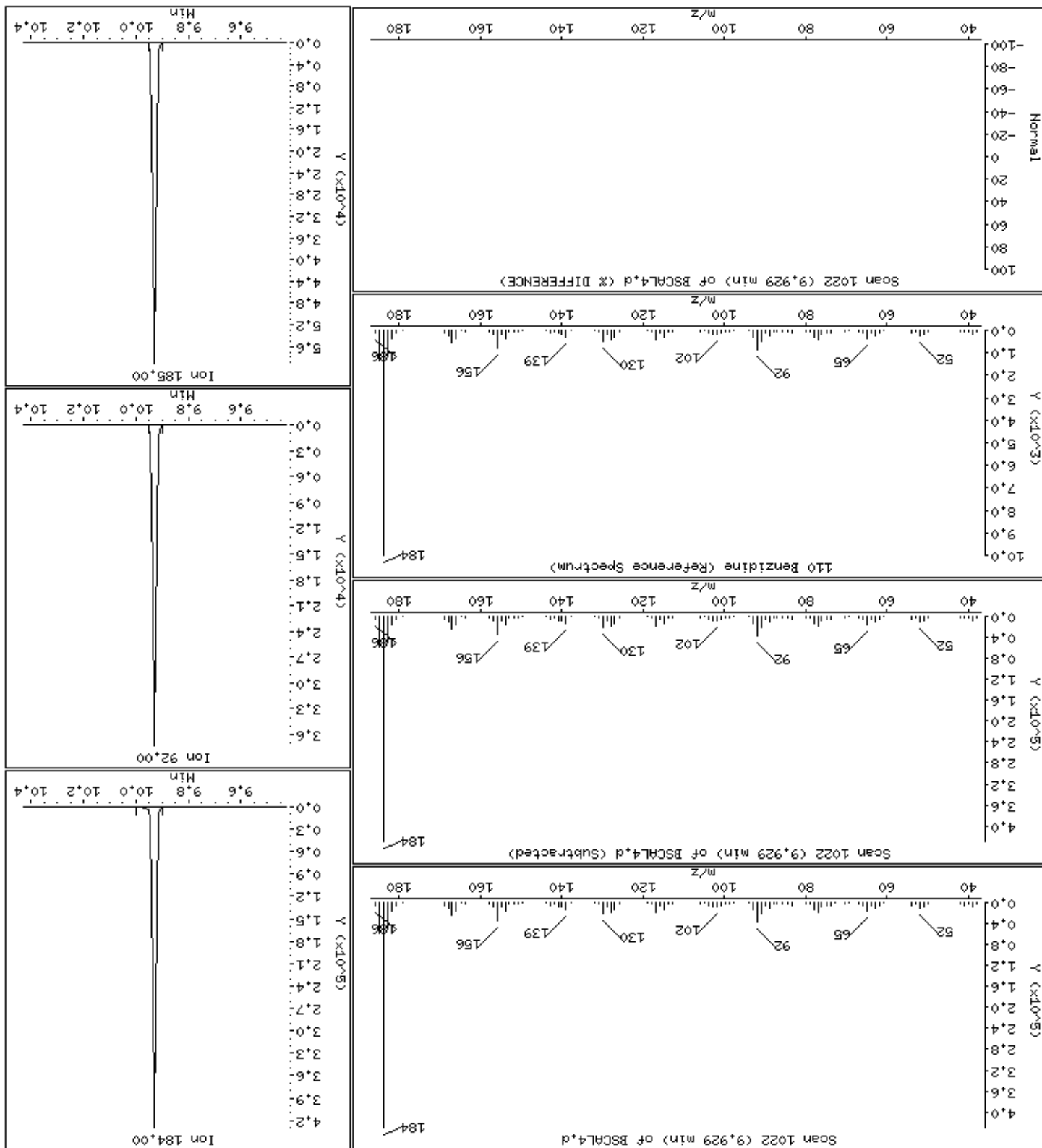
Column diameter: 0,25

95 Atrazine

Concentration: 44,7 ug/kg



110 Benzidine



Date : 15-NOV-2012 07:40

Client ID: BSCAL4

Instrument: smsd04.i

Sample Info: 47965

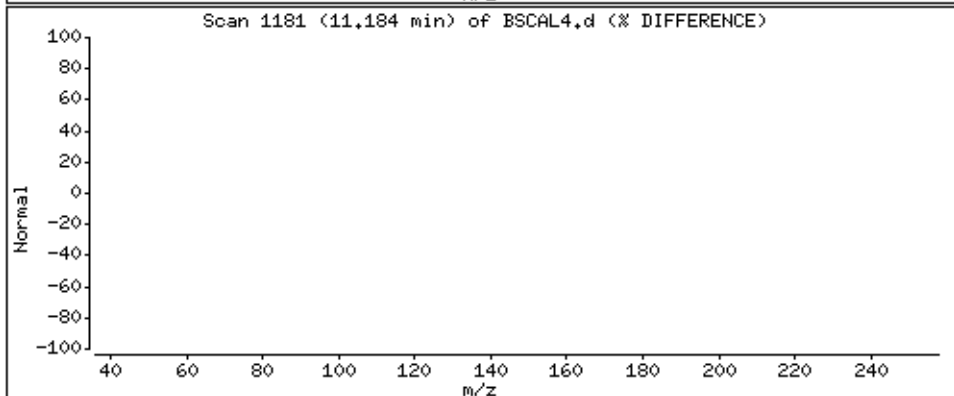
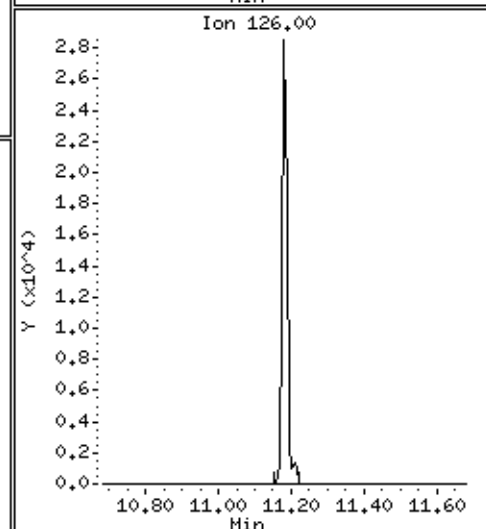
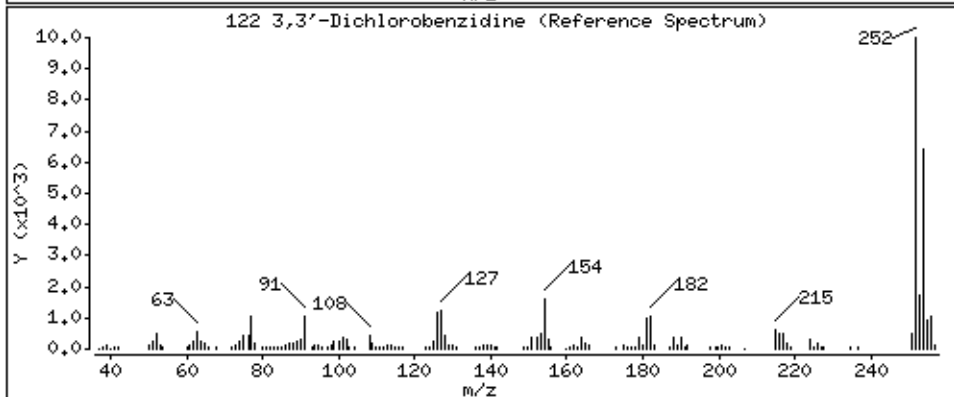
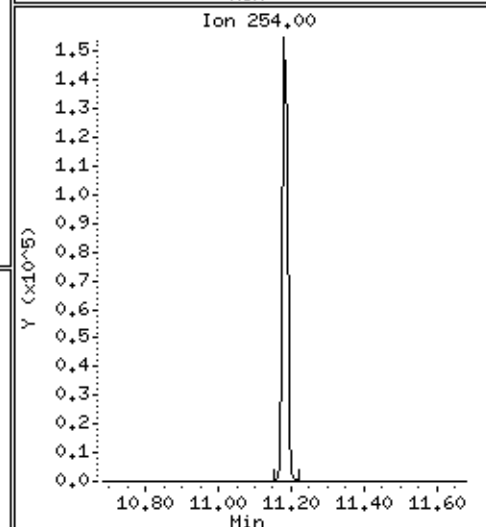
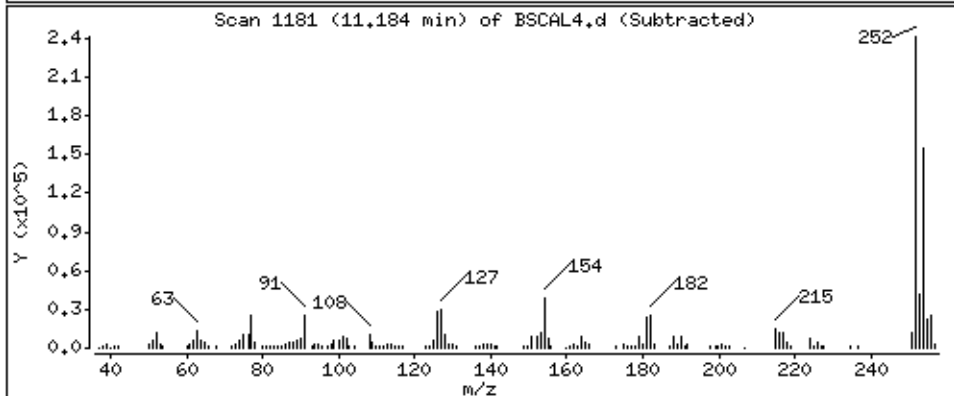
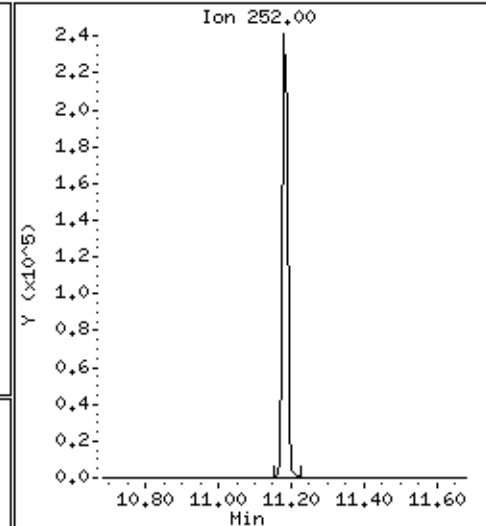
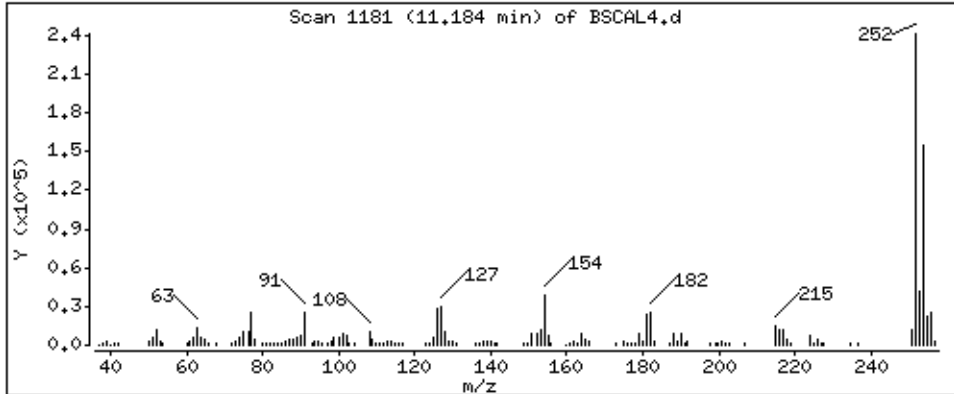
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

122 3,3'-Dichlorobenzidine

Concentration: 42,8 ug/kg



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\BSCAL3.d  
 Lab Smp Id: 47966 Client Smp ID: BSCAL3  
 Inj Date : 15-NOV-2012 08:01 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47966  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 10:49 Cal File: AP9CAL3.d  
 Als bottle: 35 Calibration Sample, Level: 3  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: BZSOWcal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

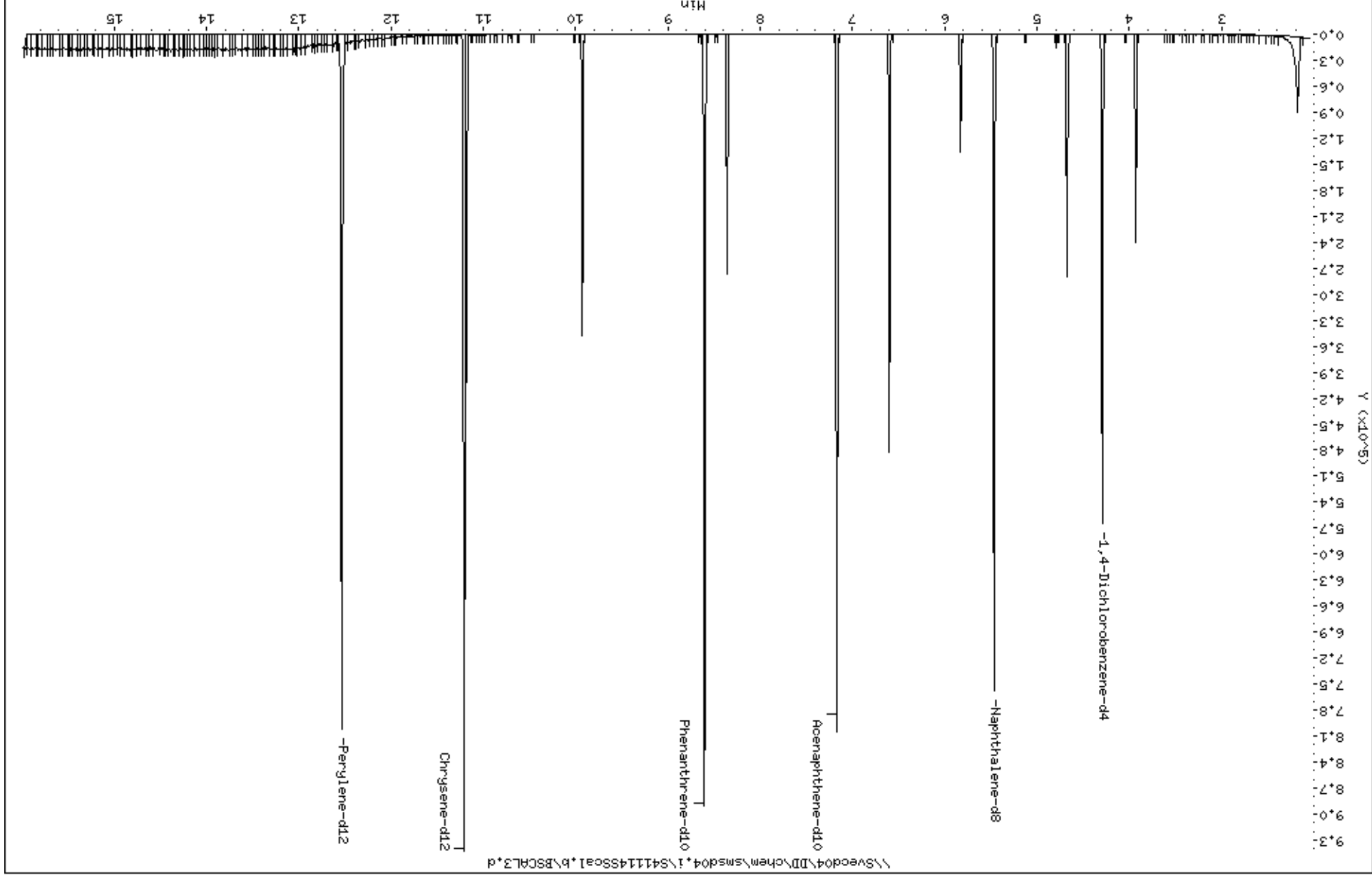
Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
9 Benzaldehyde CAS #: 100-52-7									
3.930	3.929 ( 0.915)	77	52610	20.0000	19.4	80.00- 120.00	100.00(a)		
3.930	3.929 ( 0.915)	106	43144			52.13- 112.13	82.01		
3.930	3.929 ( 0.915)	51	25147			17.54- 77.54	47.80		
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.295	4.294 ( 1.000)	152	85241	40.0000		80.00- 120.00	100.00		
4.295	4.294 ( 1.000)	115	55761			34.81- 94.81	65.42		
4.295	4.294 ( 1.000)	150	131373			126.51- 186.51	154.12		
25 Acetophenone CAS #: 98-86-2									
4.673	4.675 ( 0.855)	105	79534	20.0000	18.6	80.00- 120.00	100.00		
4.673	4.675 ( 0.855)	77	75722			60.51- 120.51	95.21		
4.673	4.674 ( 0.855)	51	24666			1.60- 61.60	31.01		
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.463	5.463 ( 1.000)	136	293880	40.0000		80.00- 120.00	100.00		
5.463	5.463 ( 1.000)	68	22596			0.00- 37.51	7.69		
50 Caprolactam CAS #: 105-60-2									
5.828	5.836 ( 1.067)	55	23796	20.0000	18.2	80.00- 120.00	100.00(a)		

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
50 Caprolactam (continued)									
5.828	5.836	( 1.067)	113	15447			40.21-	100.21	64.91
5.828	5.836	( 1.067)	85	12378			19.92-	79.92	52.02
-----									
61 1,1-Biphenyl						CAS #: 92-52-4			
6.597	6.598	( 0.920)	154	135762	20.0000	18.8	80.00-	120.00	100.00(a)
6.597	6.597	( 0.920)	76	21991			0.00-	46.03	16.20
6.596	6.597	( 0.920)	51	10509			0.00-	37.80	7.74
-----									
* 70 Acenaphthene-d10						CAS #: 15067-26-2			
7.168	7.167	( 1.000)	164	187863	40.0000		80.00-	120.00	100.00
7.168	7.168	( 1.000)	162	176894			66.12-	126.12	94.16
7.168	7.167	( 1.000)	160	81010			13.21-	73.21	43.12
-----									
95 Atrazine						CAS #: 1912-24-9			
8.362	8.364	( 0.972)	200	36427	20.0000	17.9	80.00-	120.00	100.00(a)
8.361	8.363	( 0.972)	58	17005			14.20-	74.20	46.68
8.362	8.364	( 0.972)	215	18857			20.34-	80.34	51.77
-----									
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.602	8.604	( 1.000)	188	345683	40.0000		80.00-	120.00	100.00
8.601	8.604	( 1.000)	94	34059			0.00-	40.39	9.85
8.601	8.603	( 1.000)	80	40510			0.00-	41.55	11.72
-----									
110 Benzidine						CAS #: 92-87-5			
9.926	9.927	( 0.885)	184	124958	20.0000	17.5	80.00-	120.00	100.00(a)
9.926	9.927	( 0.885)	92	11064			0.00-	38.66	8.85
9.926	9.927	( 0.885)	185	17426			0.00-	43.92	13.95
-----									
122 3,3'-Dichlorobenzidine						CAS #: 91-94-1			
11.181	11.181	( 0.997)	252	75783	20.0000	17.9	80.00-	120.00	100.00(a)
11.181	11.181	( 0.997)	254	49848			34.93-	94.93	65.78
11.180	11.180	( 0.997)	126	8909			0.00-	41.83	11.76
-----									
* 121 Chrysene-d12						CAS #: 1719-03-5			
11.211	11.211	( 1.000)	240	376563	40.0000		80.00-	120.00	100.00
11.211	11.210	( 1.000)	120	36946			0.00-	40.02	9.81
11.211	11.210	( 1.000)	236	93034			0.00-	54.50	24.71
-----									
* 130 Perylene-d12						CAS #: 1520-96-3			
12.533	12.532	( 1.000)	264	332416	40.0000		80.00-	120.00	100.00
12.533	12.533	( 1.000)	260	73752			0.00-	52.70	22.19
12.532	12.532	( 1.000)	265	70471			0.00-	52.11	21.20
-----									

QC Flag Legend

a - Target compound detected but, quantitated amount  
 Below Limit Of Quantitation(BLOQ).





Date : 15-NOV-2012 08:01

Client ID: BSCAL3

Instrument: smsd04.i

Sample Info: 47966

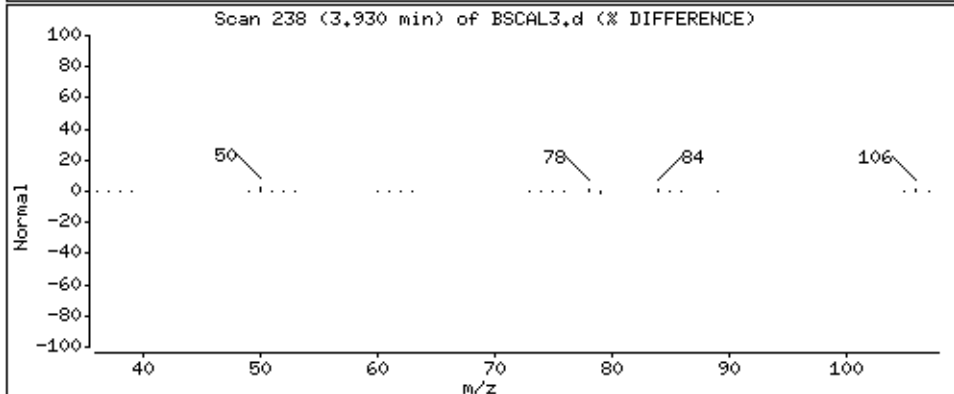
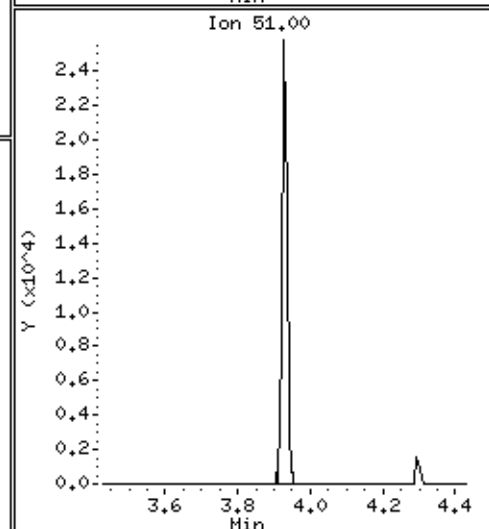
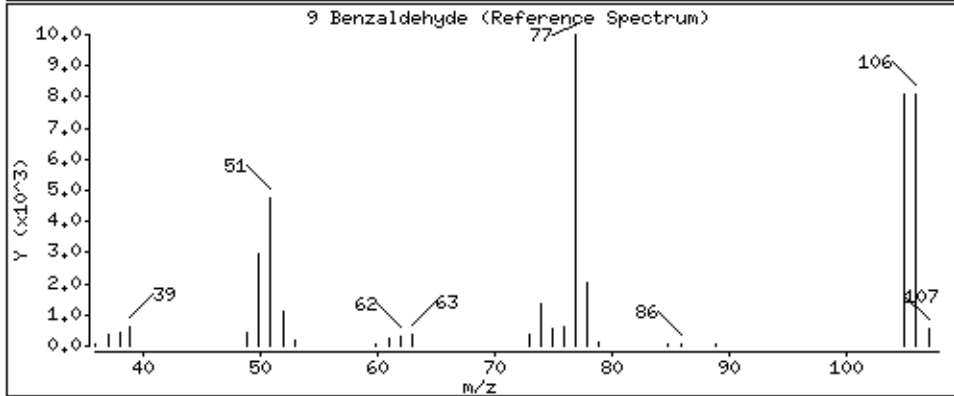
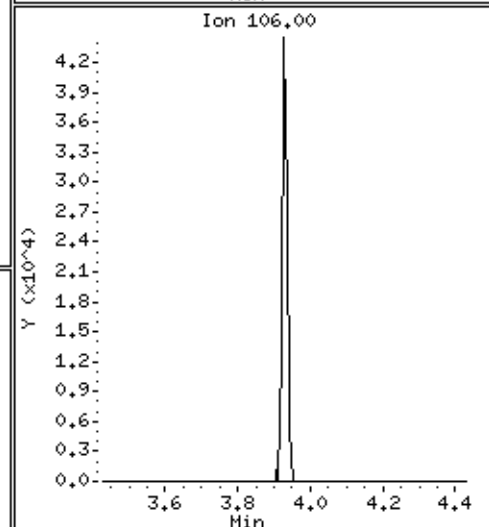
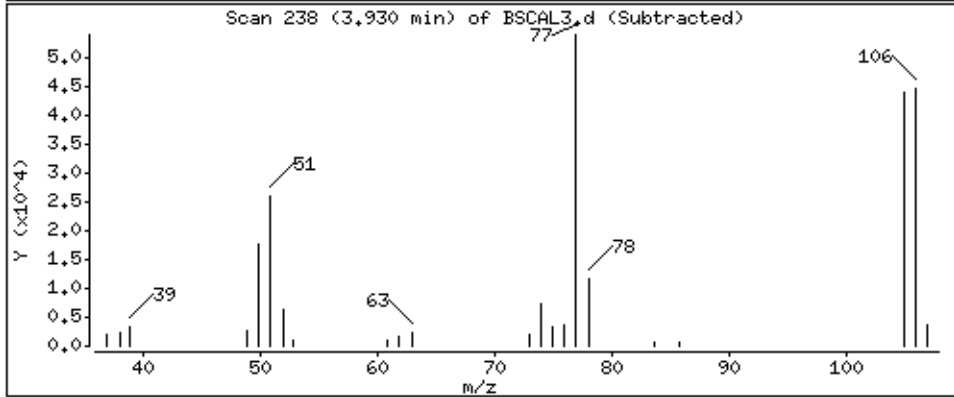
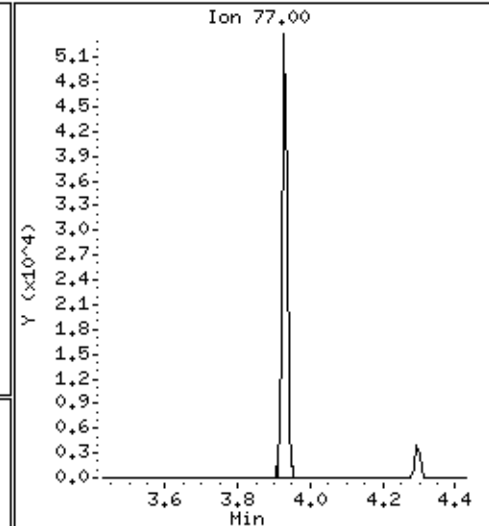
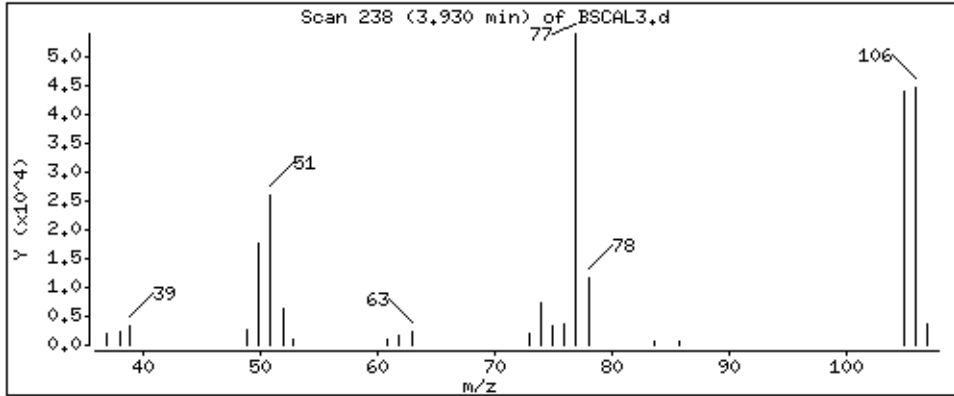
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

9 Benzaldehyde

Concentration: 19.4 ug/kg



Date : 15-NOV-2012 08:01

Client ID: BSCAL3

Instrument: smsd04.i

Sample Info: 47966

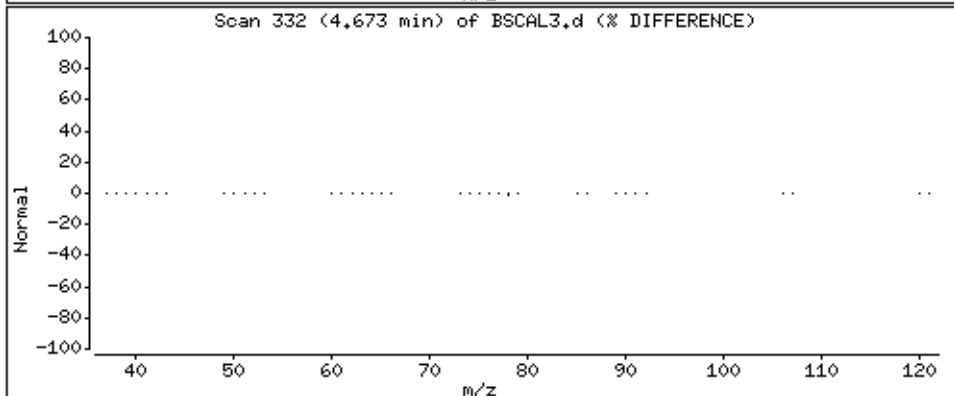
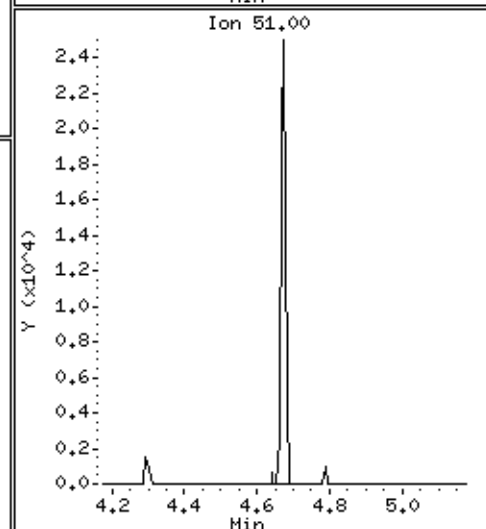
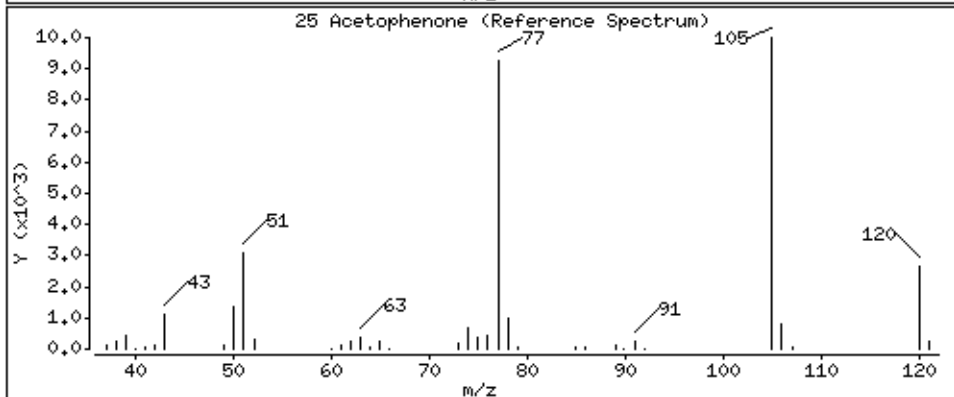
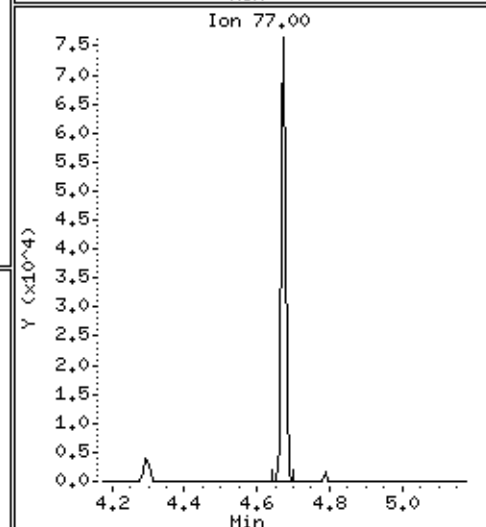
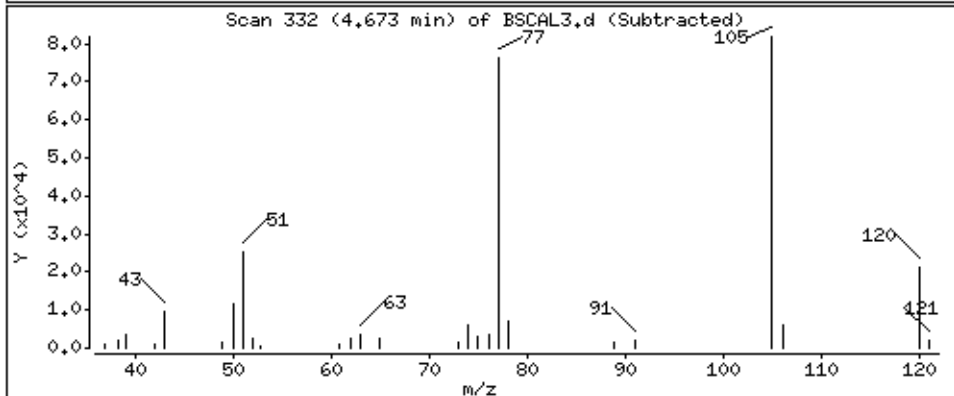
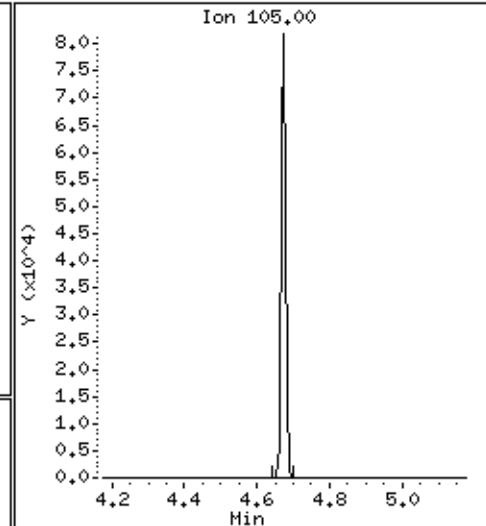
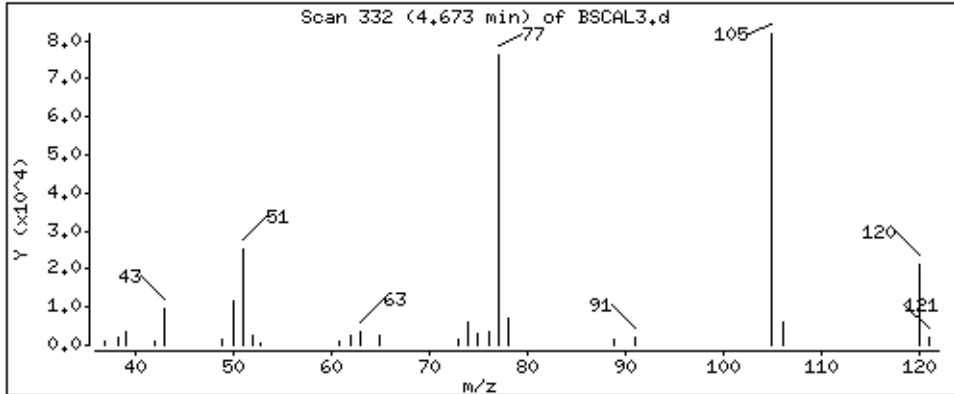
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

25 Acetophenone

Concentration: 18,6 ug/kg



Date : 15-NOV-2012 08:01

Client ID: BSCAL3

Instrument: smsd04.i

Sample Info: 47966

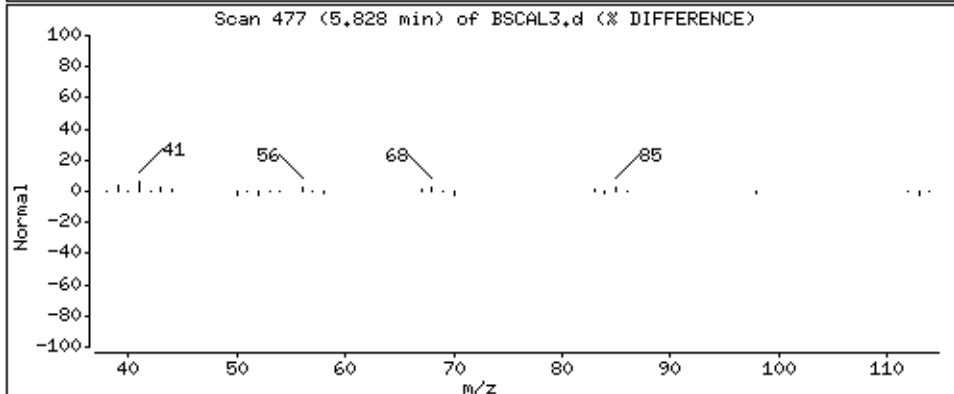
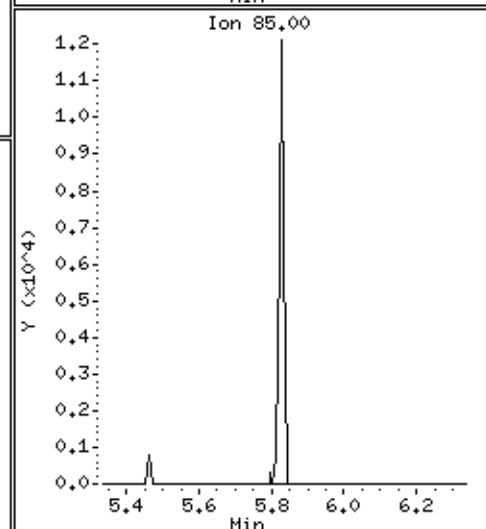
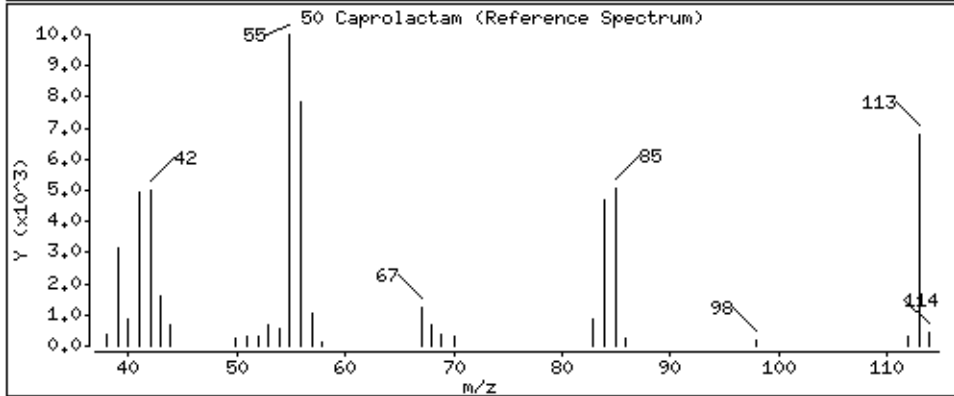
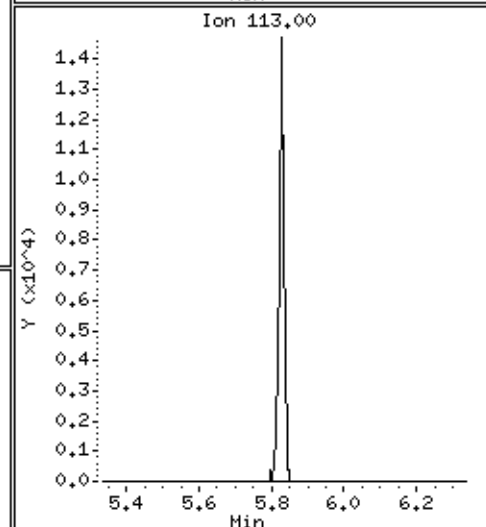
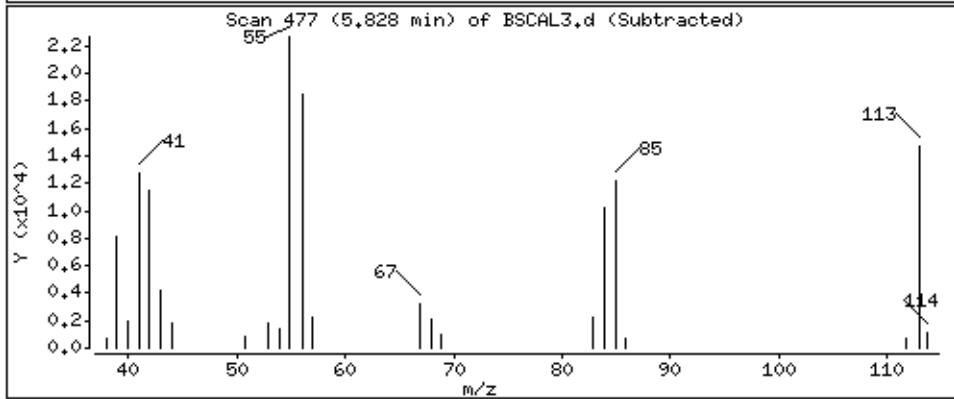
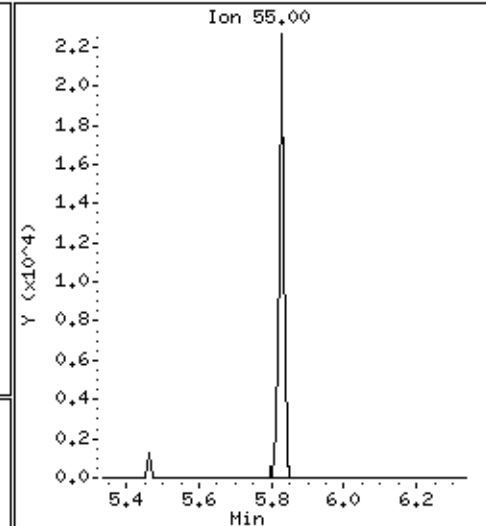
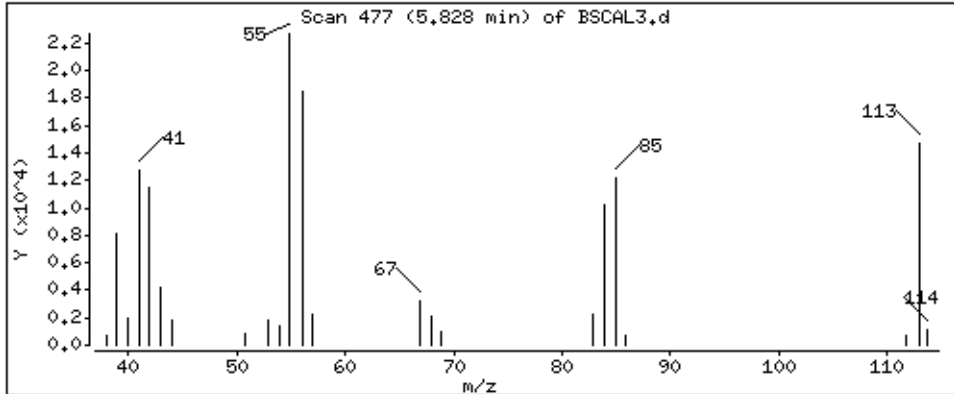
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

50 Caprolactam

Concentration: 18,2 ug/kg



Date : 15-NOV-2012 08:01

Client ID: BSCAL3

Instrument: smsd04.i

Sample Info: 47966

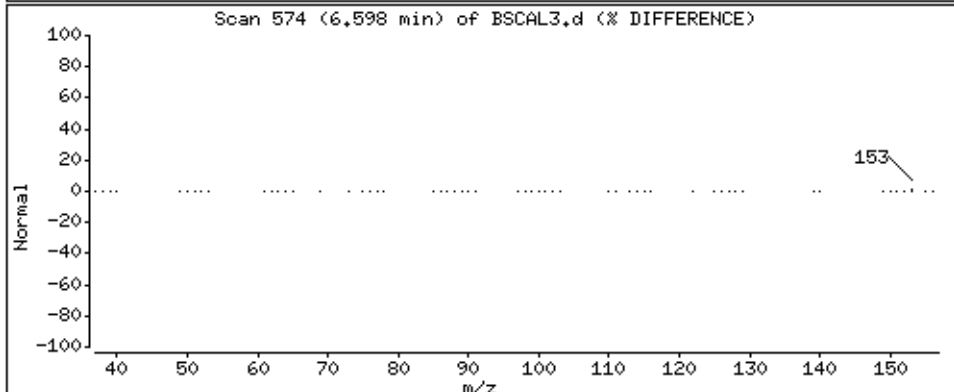
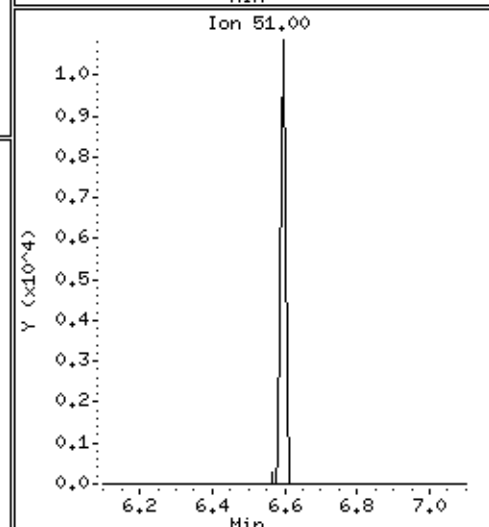
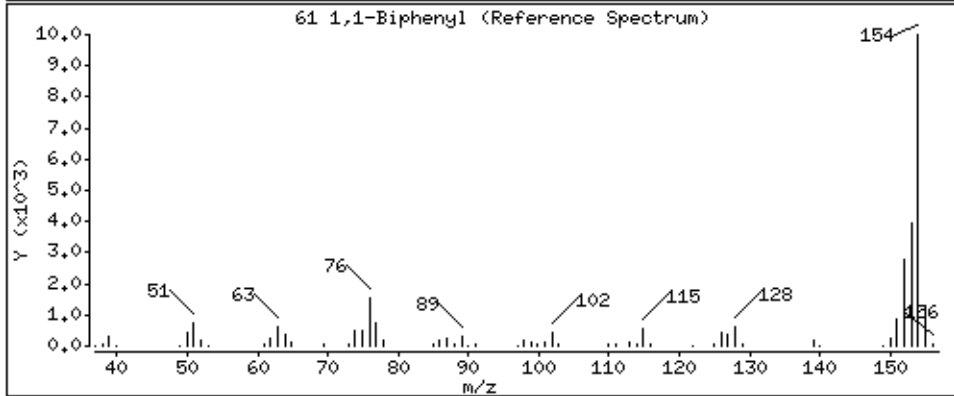
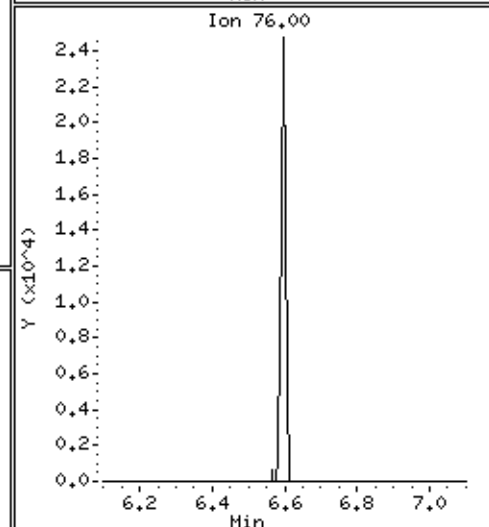
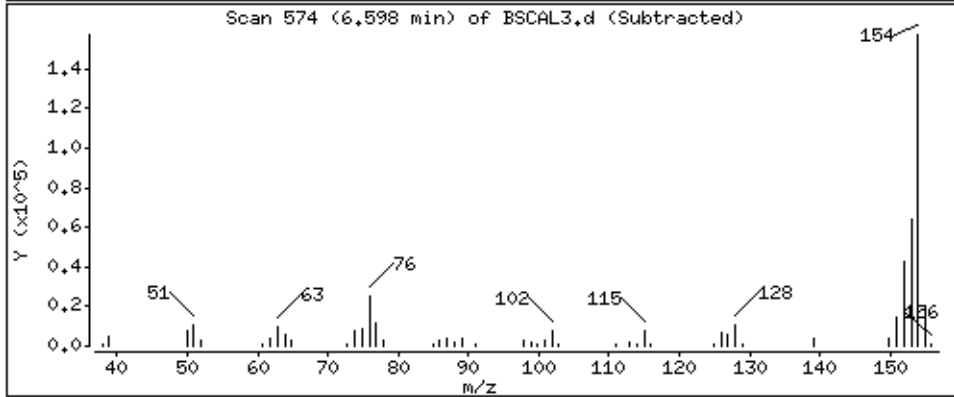
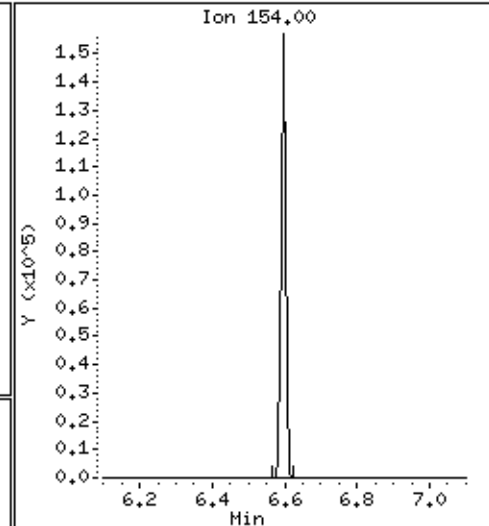
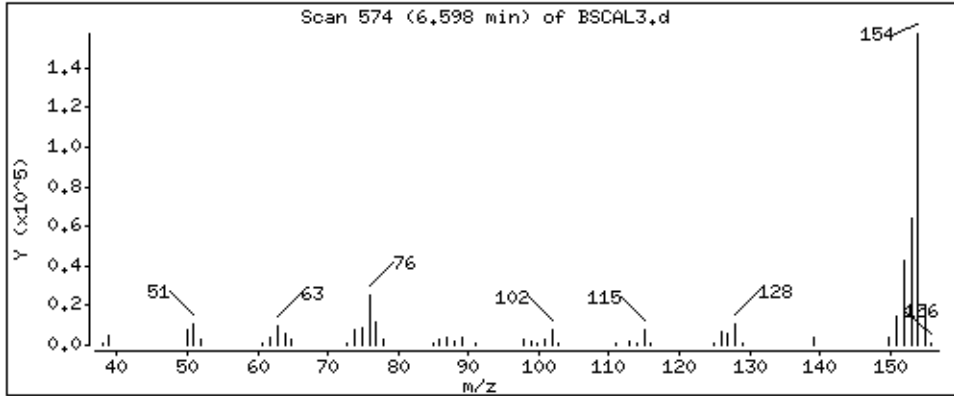
Operator: MJ

Column phase: HPMS-5

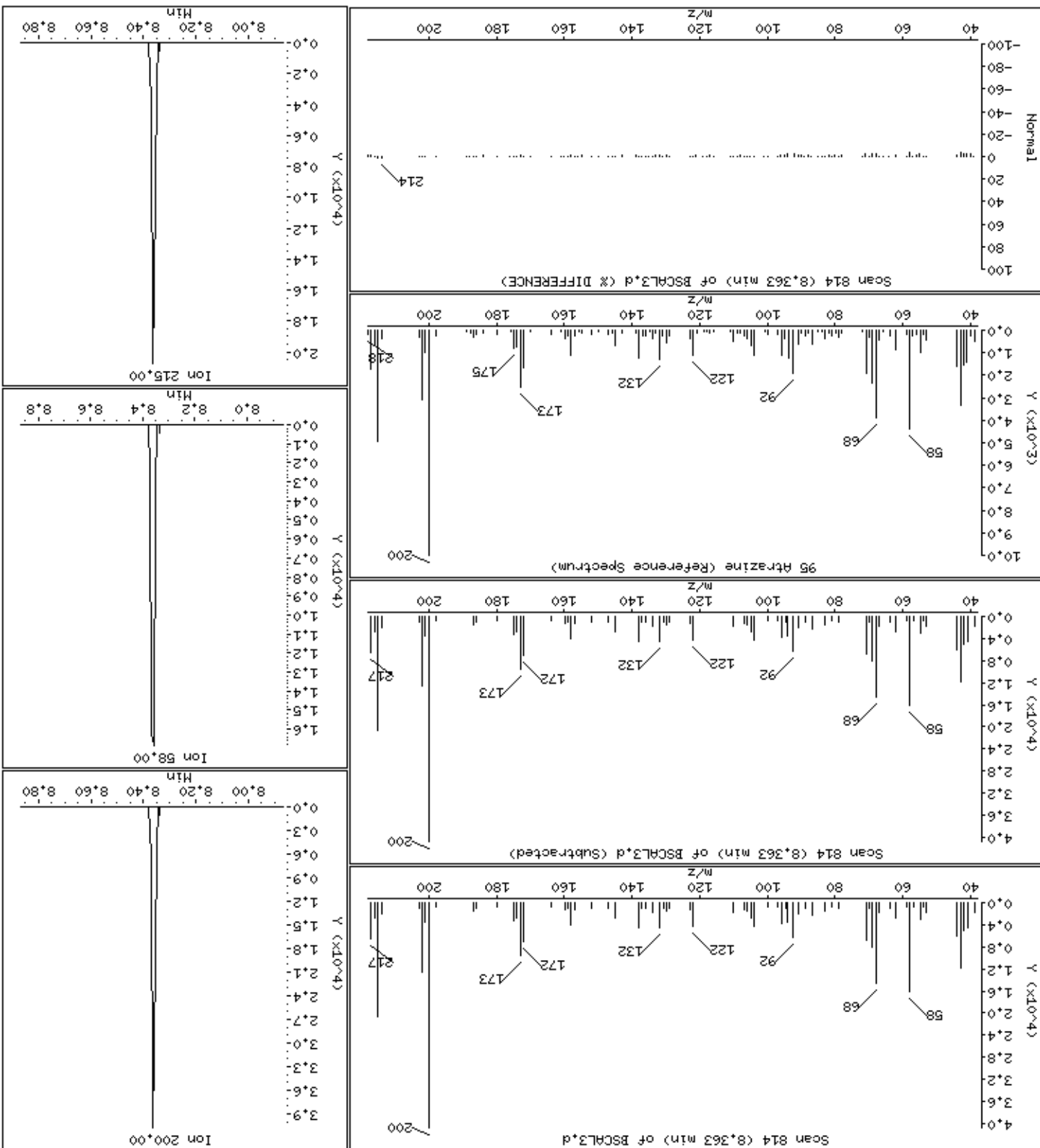
Column diameter: 0,25

61 1,1-Biphenyl

Concentration: 18,8 ug/kg



95 Atrazine



Date : 15-NOV-2012 08:01

Client ID: BSCAL3

Instrument: smsd04.i

Sample Info: 47966

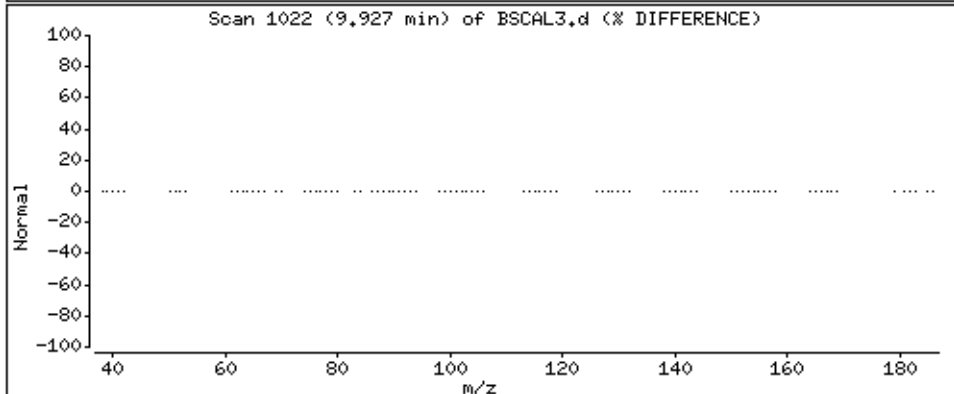
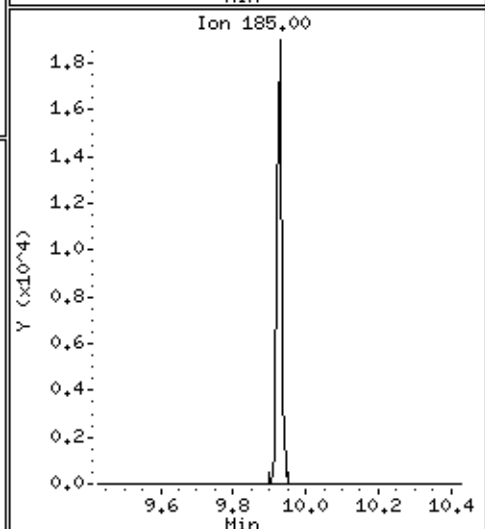
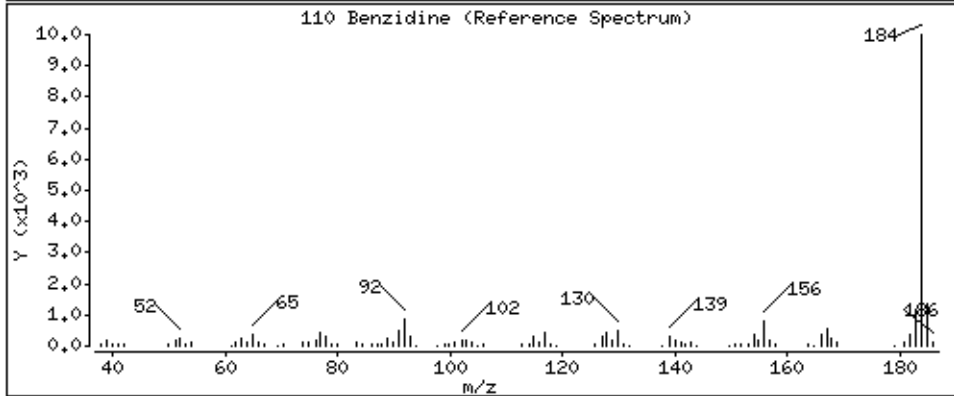
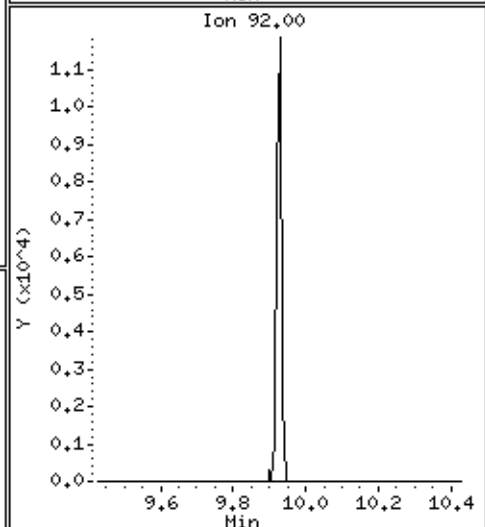
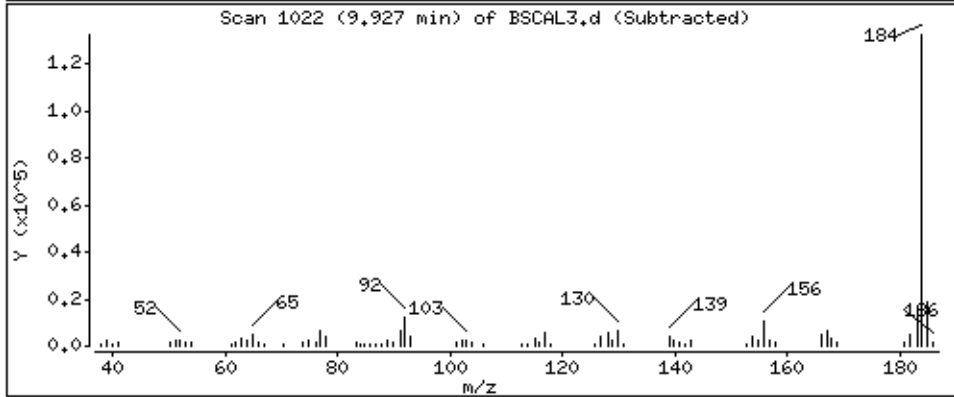
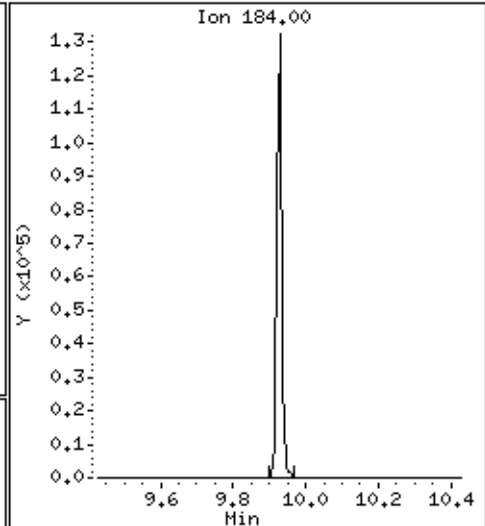
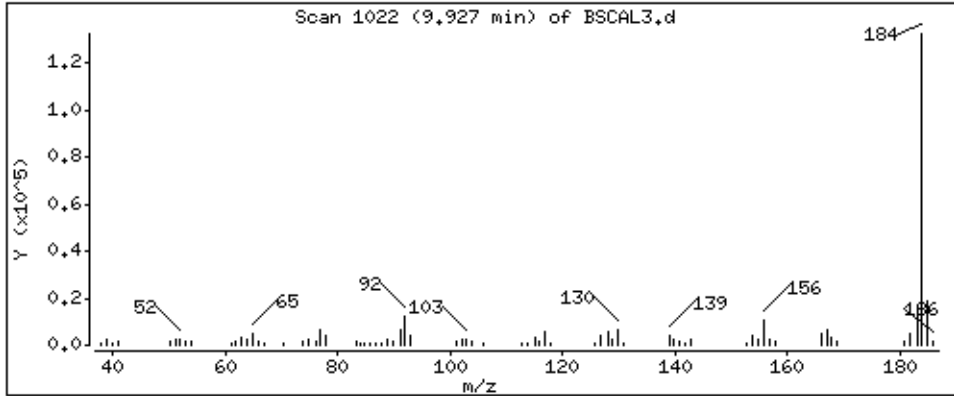
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

110 Benzidine

Concentration: 17,5 ug/kg



Date : 15-NOV-2012 08:01

Client ID: BSCAL3

Instrument: smsd04.i

Sample Info: 47966

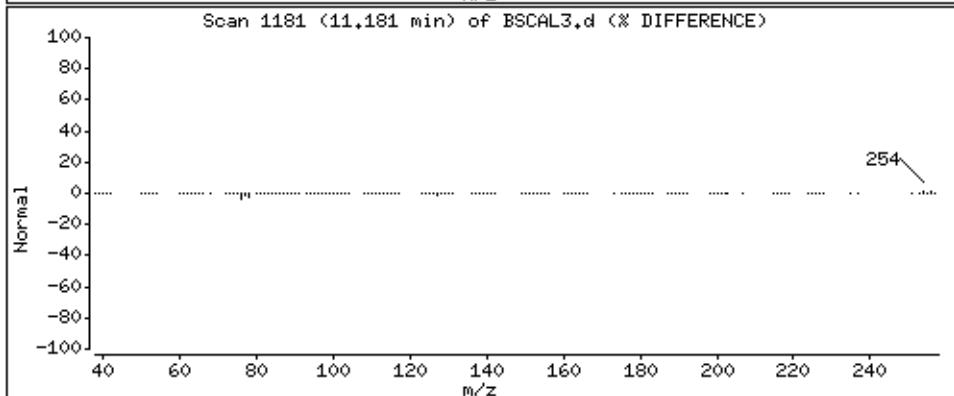
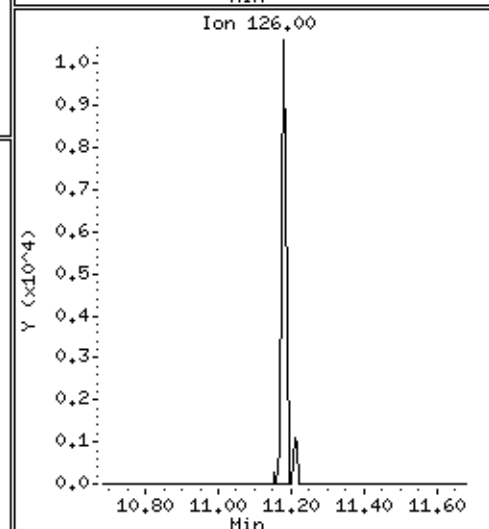
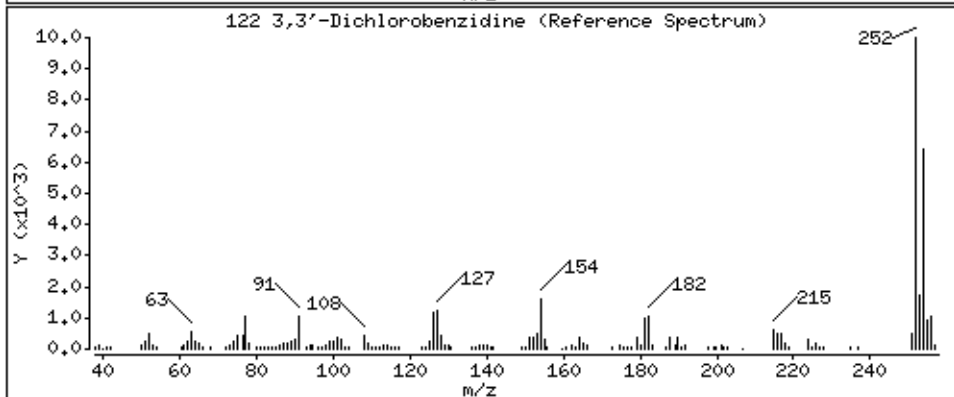
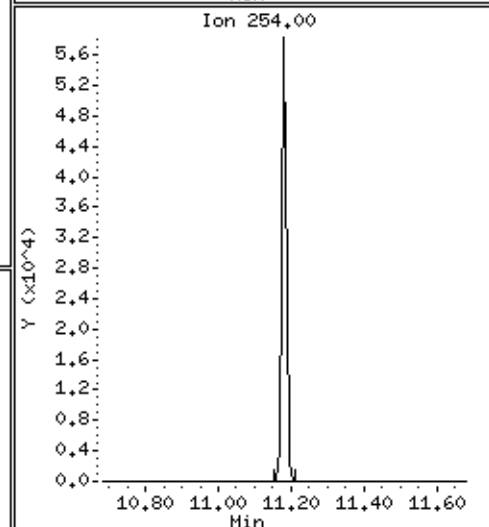
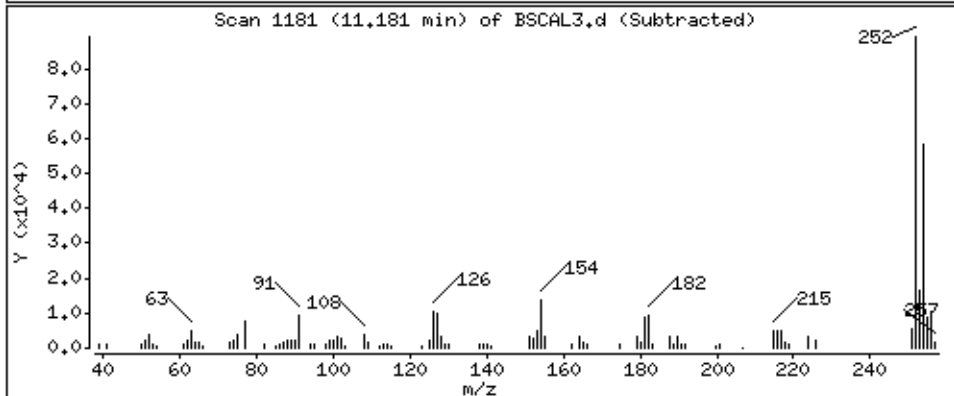
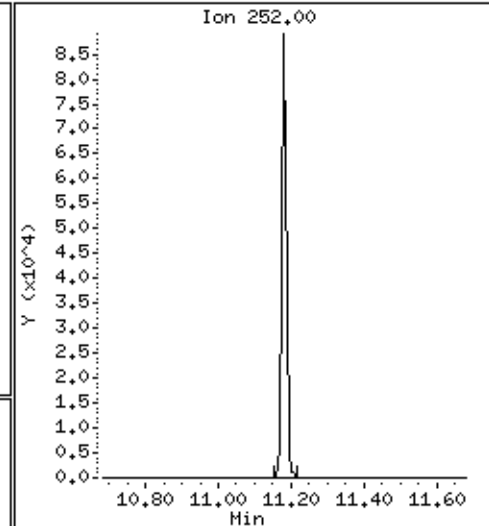
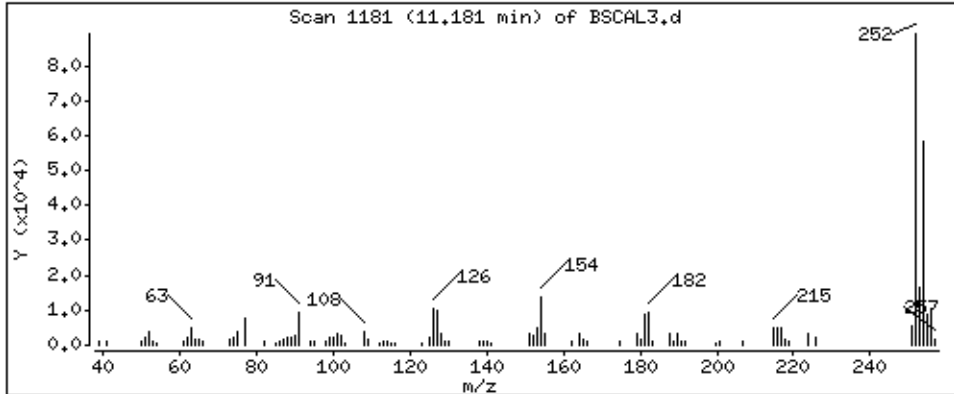
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

122 3,3'-Dichlorobenzidine

Concentration: 17,9 ug/kg



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\BSCAL2.d  
 Lab Smp Id: 47967 Client Smp ID: BSCAL2  
 Inj Date : 15-NOV-2012 08:22 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47967  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 11:09 Cal File: AP9CAL2.d  
 Als bottle: 36 Calibration Sample, Level: 2  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: BZSOWcal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
9 Benzaldehyde CAS #: 100-52-7									
3.929	3.929	( 0.915)	77	27936	10.0000	9.9	80.00- 120.00	100.00(a)	
3.930	3.929	( 0.915)	106	21582			52.13- 112.13	77.26	
3.929	3.929	( 0.915)	51	13074			17.54- 77.54	46.80	
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.295	4.294	( 1.000)	152	88985	40.0000		80.00- 120.00	100.00	
4.295	4.294	( 1.000)	115	56149			34.81- 94.81	63.10	
4.295	4.294	( 1.000)	150	137798			126.51- 186.51	154.86	
25 Acetophenone CAS #: 98-86-2									
4.671	4.675	( 0.855)	105	40402	10.0000	9.6	80.00- 120.00	100.00	
4.672	4.675	( 0.855)	77	38136			60.51- 120.51	94.39	
4.672	4.674	( 0.855)	51	12879			1.60- 61.60	31.88	
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.463	5.463	( 1.000)	136	294024	40.0000		80.00- 120.00	100.00	
5.462	5.463	( 1.000)	68	22304			0.00- 37.51	7.59	
50 Caprolactam CAS #: 105-60-2									
5.822	5.836	( 1.066)	55	10352	10.0000	8.1	80.00- 120.00	100.00(a)	



AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
50 Caprolactam (continued)									
5.822	5.836	( 1.066)	113	6990			40.21-	100.21	67.52
5.822	5.836	( 1.066)	85	5713			19.92-	79.92	55.19
-----									
61 1,1-Biphenyl									
						CAS #:	92-52-4		
6.595	6.598	( 0.920)	154	67602	10.0000	9.6	80.00-	120.00	100.00(a)
6.595	6.597	( 0.920)	76	10468			0.00-	46.03	15.48
6.595	6.597	( 0.920)	51	5252			0.00-	37.80	7.77
-----									
* 70 Acenaphthene-d10									
						CAS #:	15067-26-2		
7.166	7.167	( 1.000)	164	185364	40.0000		80.00-	120.00	100.00
7.166	7.168	( 1.000)	162	173202			66.12-	126.12	93.44
7.166	7.167	( 1.000)	160	77447			13.21-	73.21	41.78
-----									
95 Atrazine									
						CAS #:	1912-24-9		
8.358	8.364	( 0.972)	200	16722	10.0000	8.6	80.00-	120.00	100.00(a)
8.357	8.363	( 0.972)	58	7221			14.20-	74.20	43.18
8.358	8.364	( 0.972)	215	8784			20.34-	80.34	52.53
-----									
* 100 Phenanthrene-d10									
						CAS #:	1517-22-2		
8.599	8.604	( 1.000)	188	338493	40.0000		80.00-	120.00	100.00
8.599	8.604	( 1.000)	94	33750			0.00-	40.39	9.97
8.598	8.603	( 1.000)	80	39682			0.00-	41.55	11.72
-----									
110 Benzidine									
						CAS #:	92-87-5		
9.922	9.927	( 0.885)	184	58529	10.0000	8.4	80.00-	120.00	100.00(a)
9.922	9.927	( 0.885)	92	4890			0.00-	38.66	8.35
9.922	9.927	( 0.885)	185	8613			0.00-	43.92	14.72
-----									
122 3,3'-Dichlorobenzidine									
						CAS #:	91-94-1		
11.178	11.181	( 0.997)	252	37082	10.0000	9.0	80.00-	120.00	100.00(a)
11.178	11.181	( 0.997)	254	24155			34.93-	94.93	65.14
11.177	11.180	( 0.997)	126	4012			0.00-	41.83	10.82
-----									
* 121 Chrysene-d12									
						CAS #:	1719-03-5		
11.209	11.211	( 1.000)	240	374802	40.0000		80.00-	120.00	100.00
11.209	11.210	( 1.000)	120	38120			0.00-	40.02	10.17
11.209	11.210	( 1.000)	236	91770			0.00-	54.50	24.48
-----									
* 130 Perylene-d12									
						CAS #:	1520-96-3		
12.531	12.532	( 1.000)	264	343892	40.0000		80.00-	120.00	100.00
12.531	12.533	( 1.000)	260	75901			0.00-	52.70	22.07
12.531	12.532	( 1.000)	265	74228			0.00-	52.11	21.58
-----									

QC Flag Legend

a - Target compound detected but, quantitated amount  
 Below Limit Of Quantitation(BLOQ).

Date : 15-NOV-2012 08:22

Client ID: BSCAL2

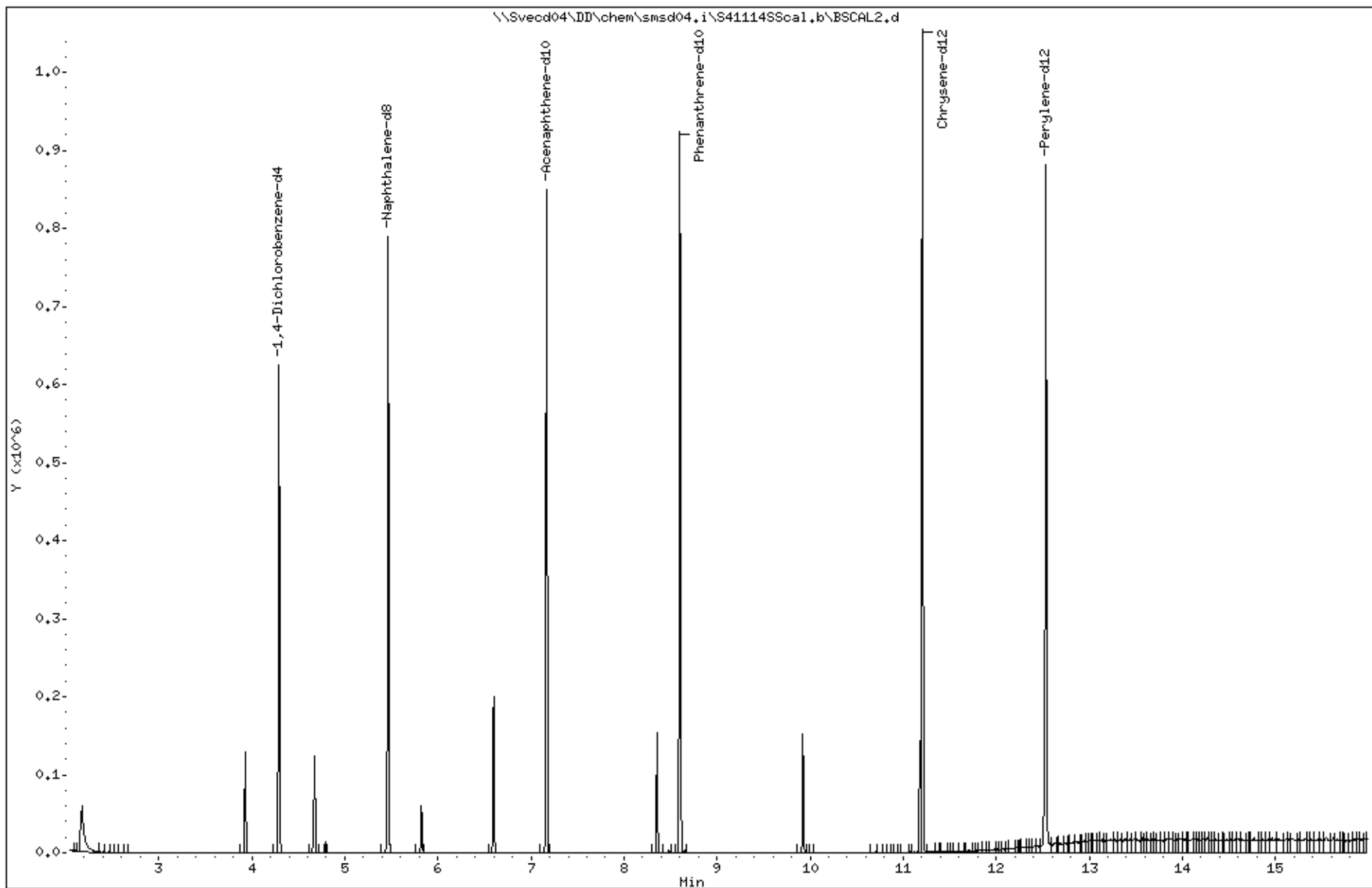
Sample Info: 47967

Instrument: smsd04.i

Operator: MJ

Column diameter: 0.25

Column phase: HPMS-5



Date : 15-NOV-2012 08:22

Client ID: BSCAL2

Instrument: smsd04.i

Sample Info: 47967

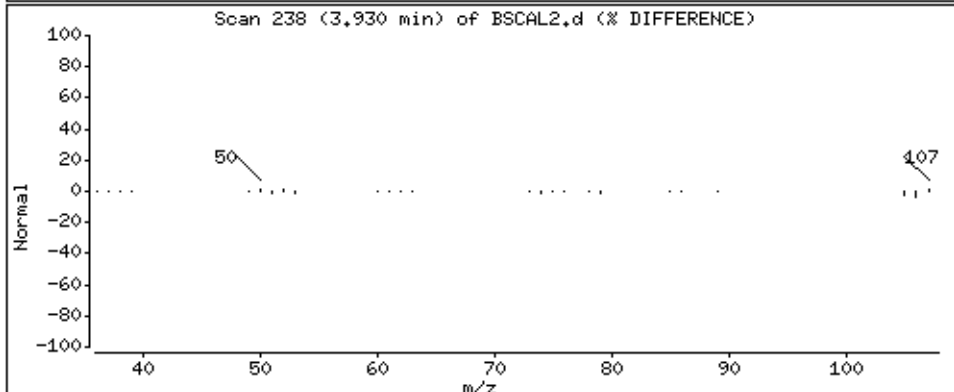
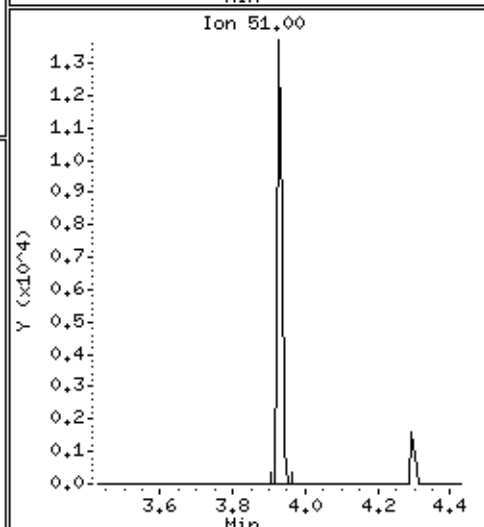
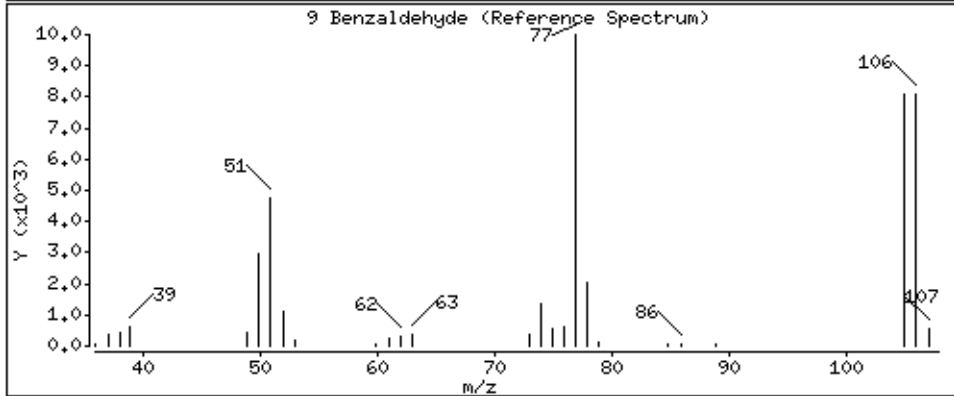
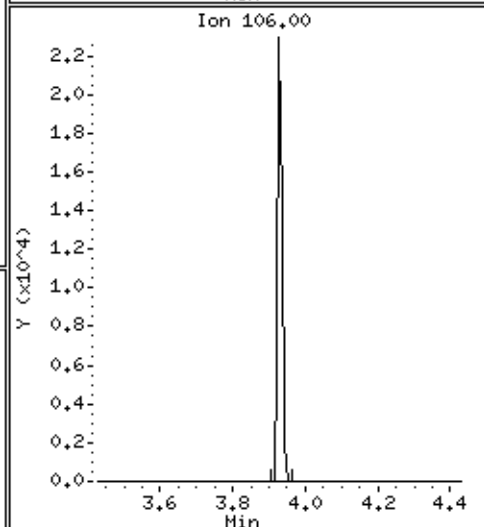
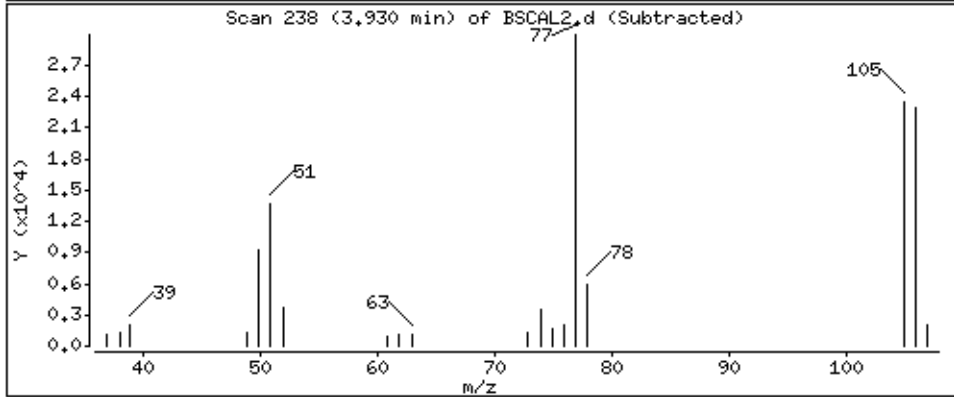
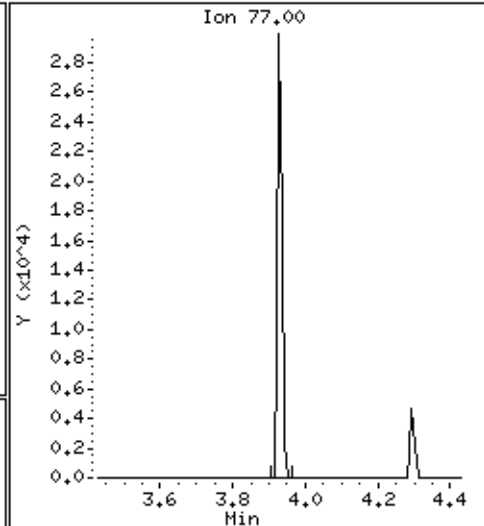
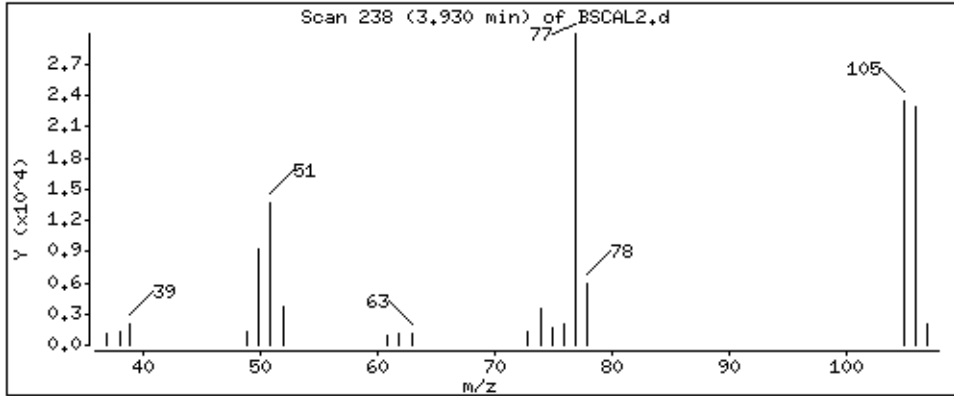
Operator: MJ

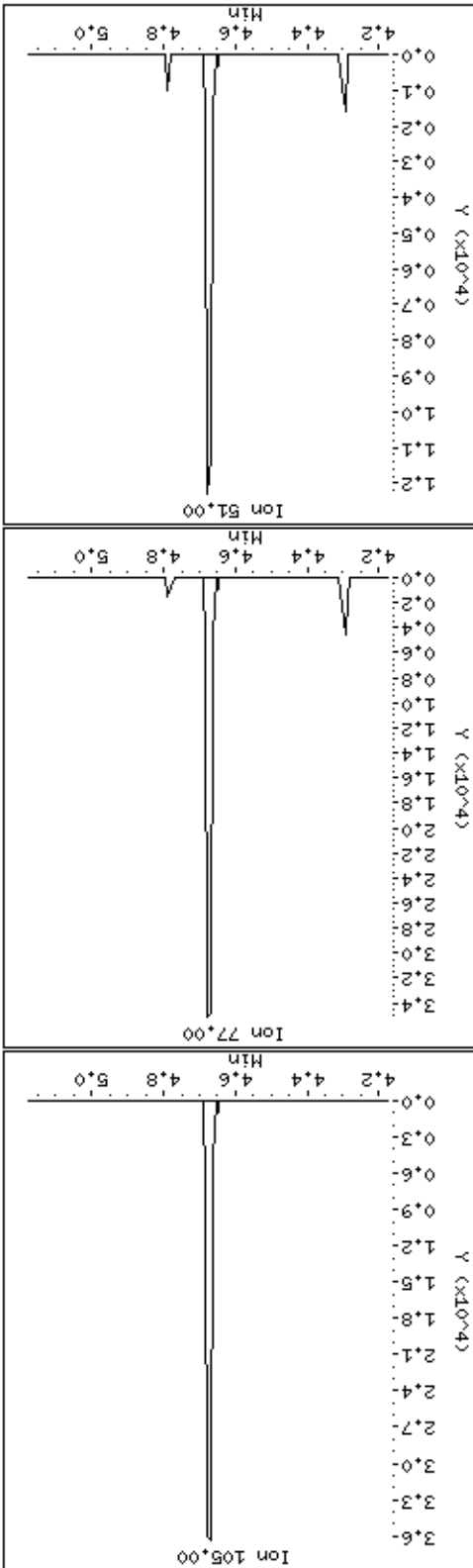
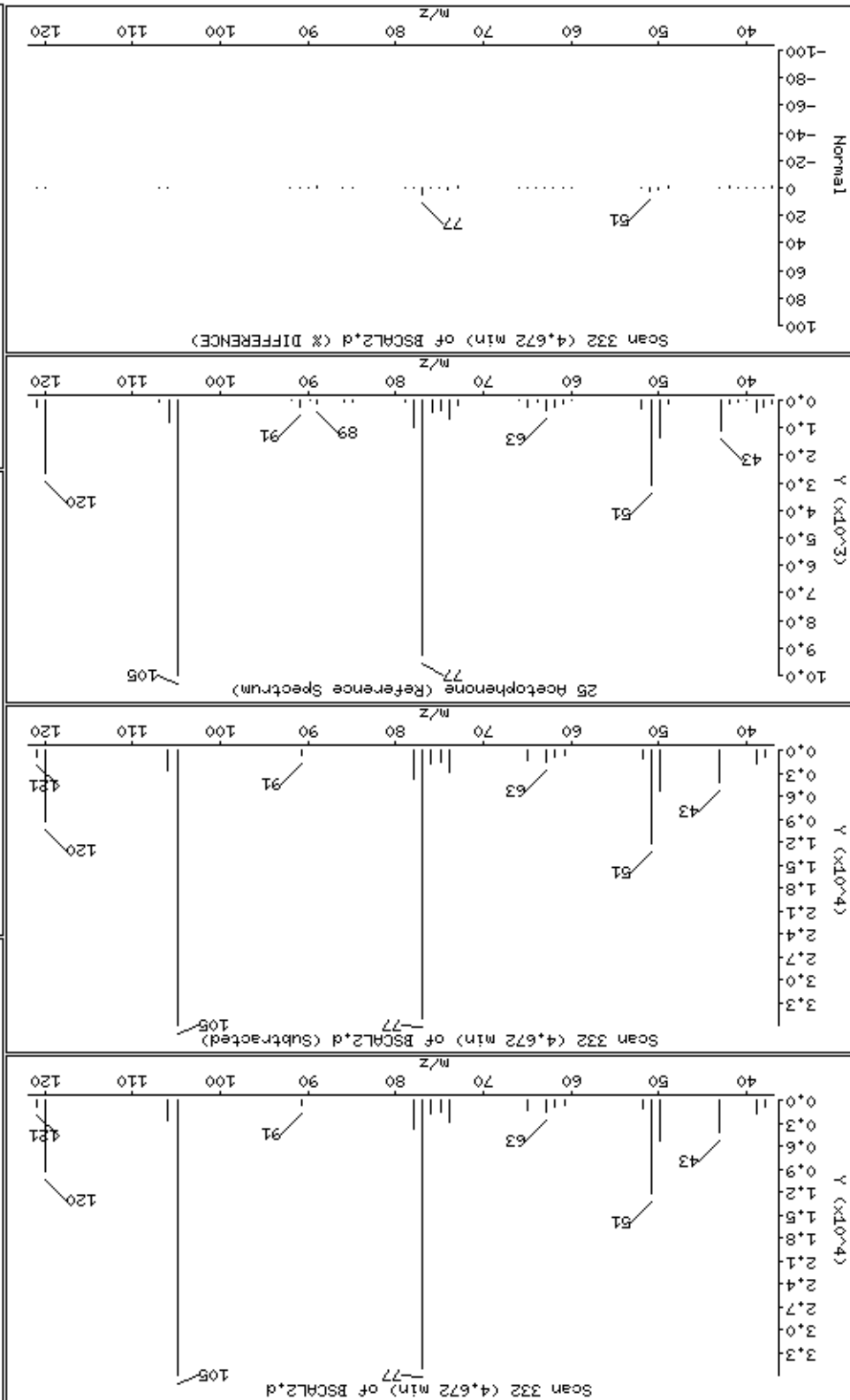
Column phase: HPMS-5

Column diameter: 0,25

9 Benzaldehyde

Concentration: 9,9 ug/kg





Date: 15-NOV-2012 08:22

Client ID: BSCAL2

Sample Info: 47967

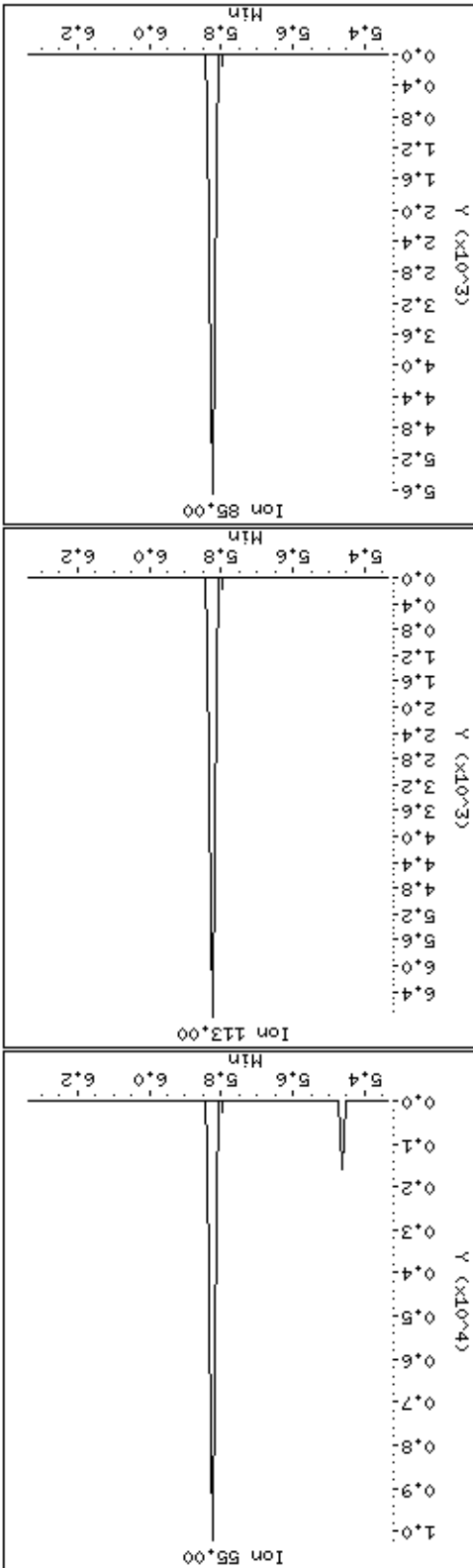
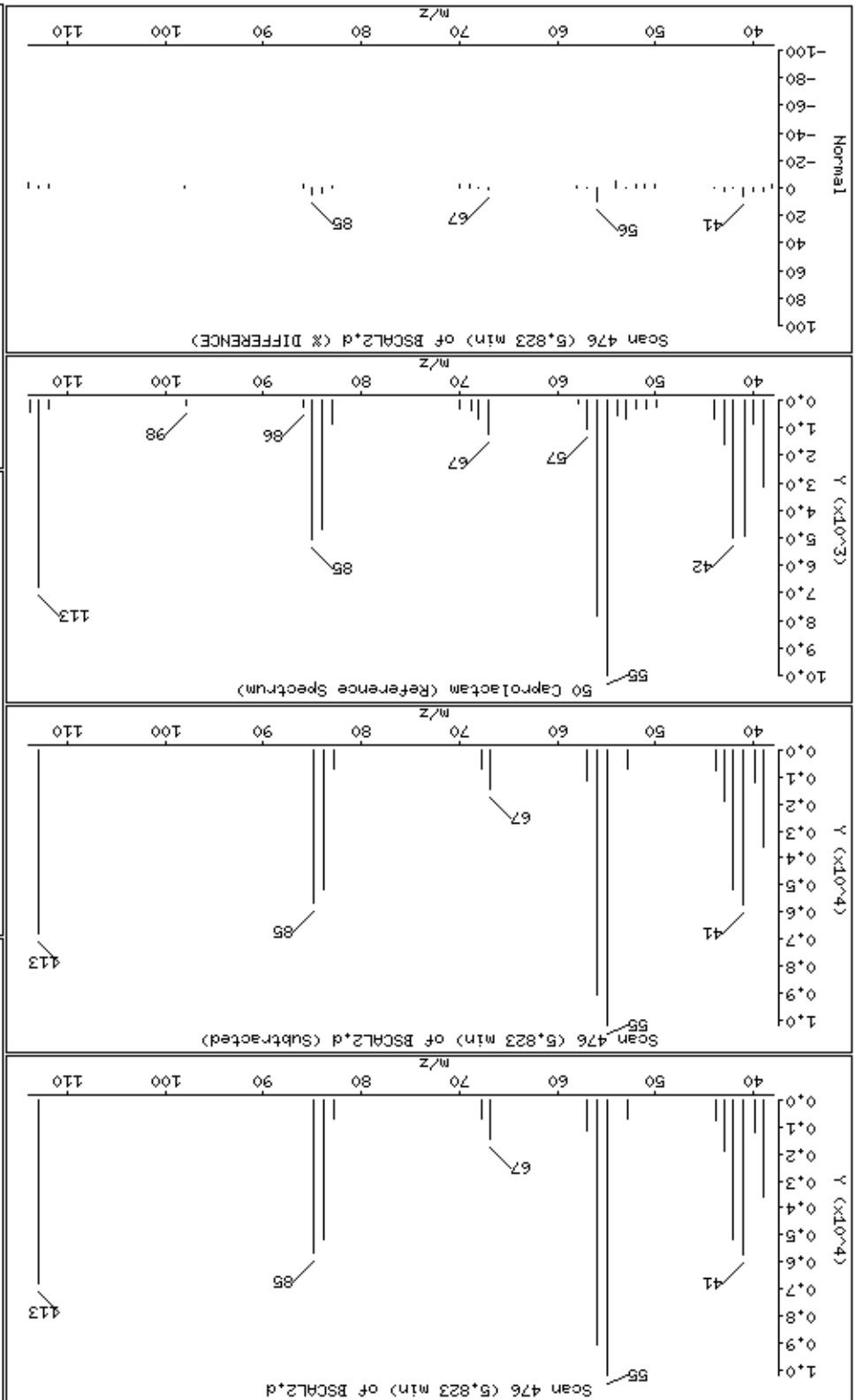
Operator: MJ

Column diameter: 0.25

Concentration: 8.1 ug/kg

Instrument: smsd04.1

50 Caprolactam



Date : 15-NOV-2012 08:22

Client ID: BSCAL2

Instrument: smsd04.i

Sample Info: 47967

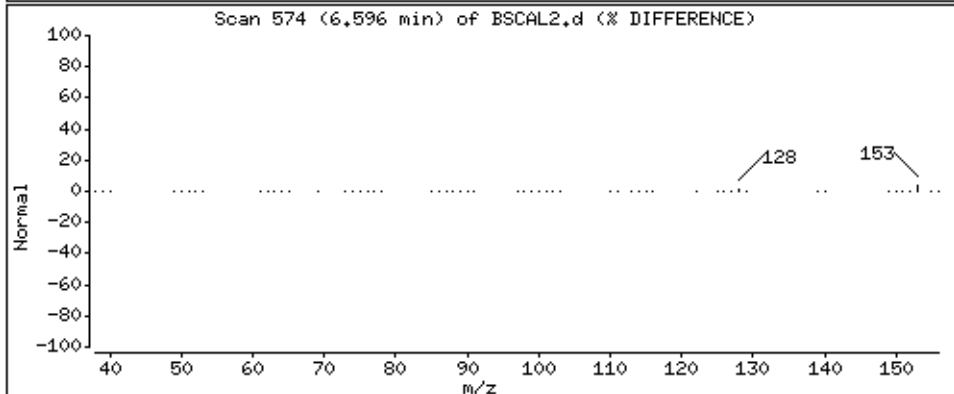
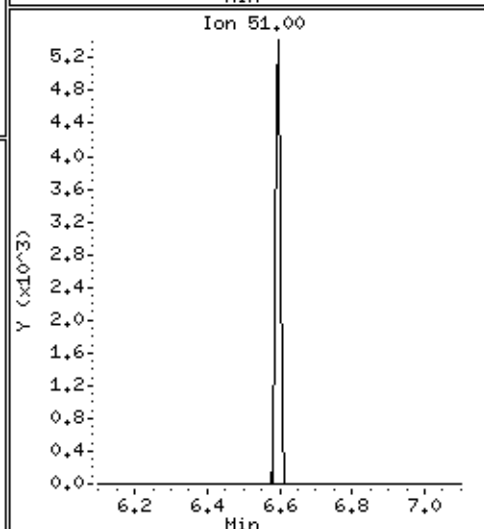
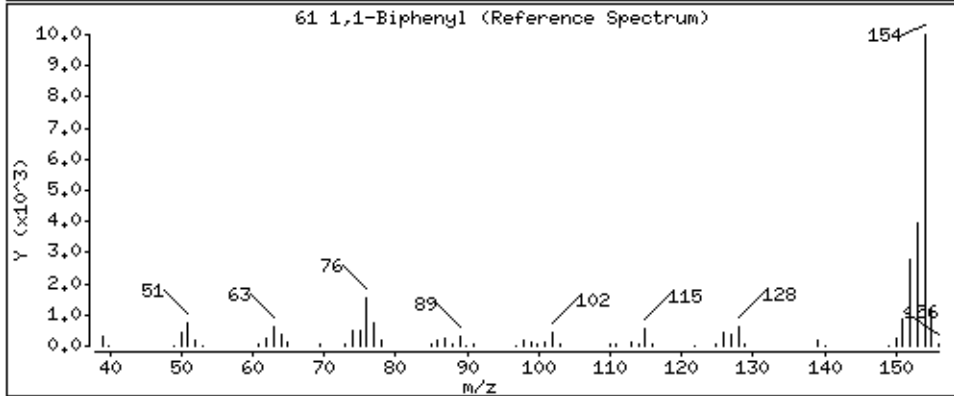
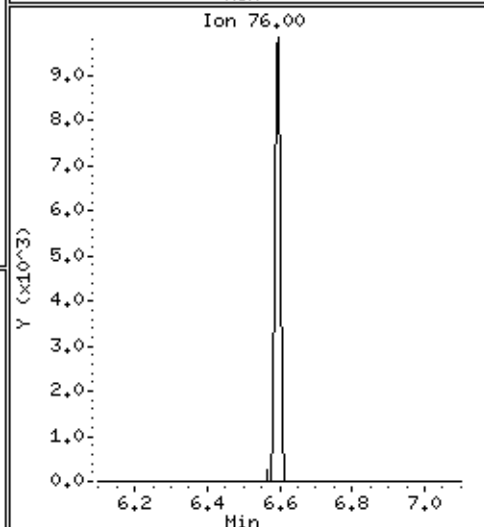
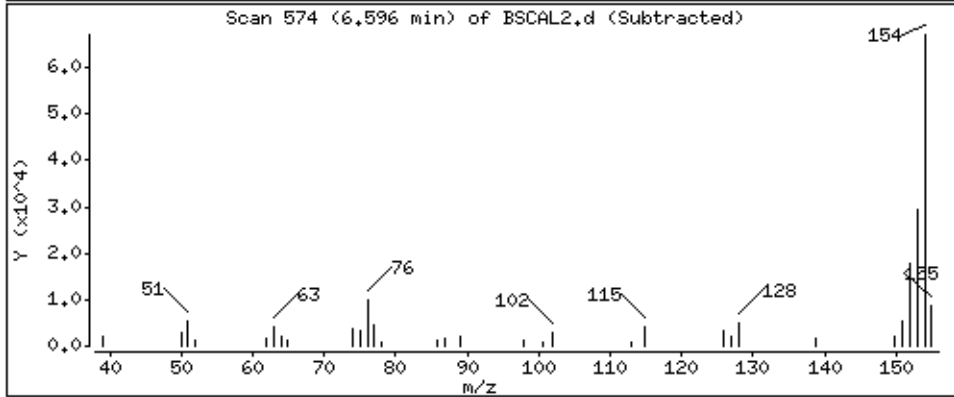
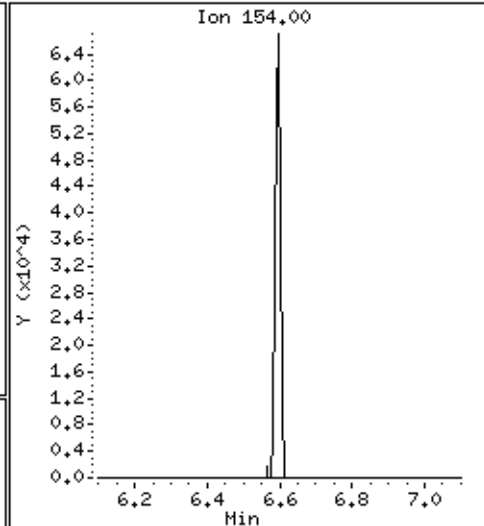
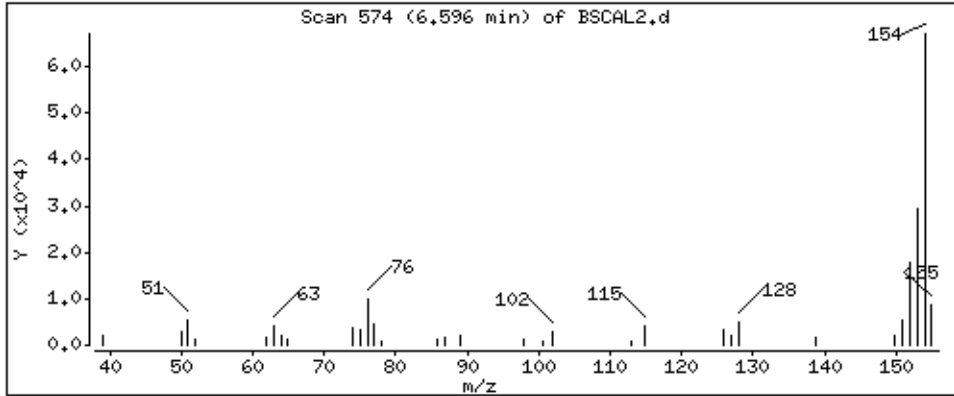
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

61 1,1-Biphenyl

Concentration: 9,6 ug/kg



Date : 15-NOV-2012 08:22

Client ID: BSCAL2

Instrument: smsd04.i

Sample Info: 47967

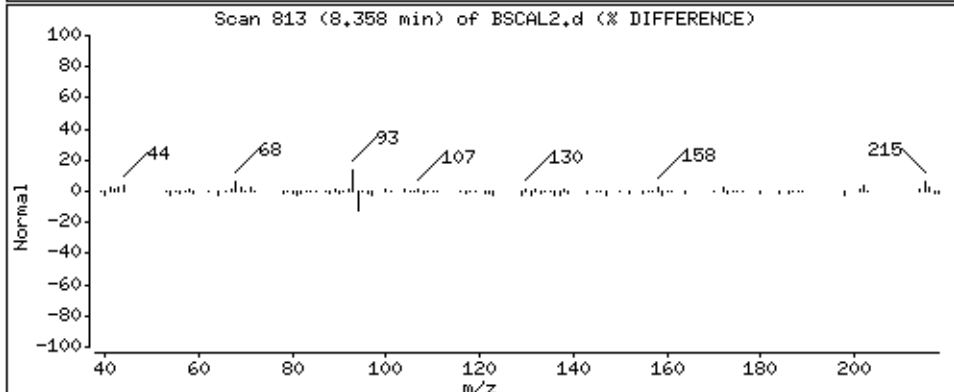
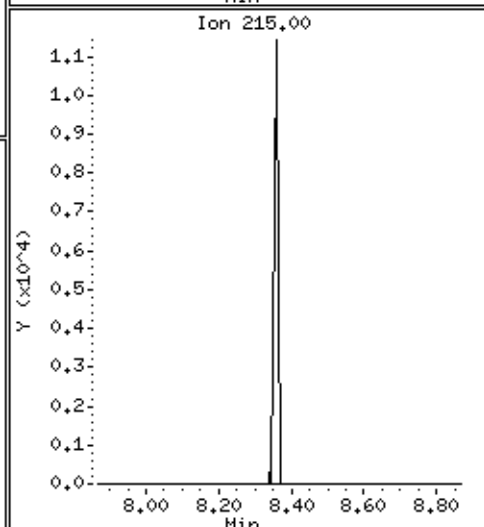
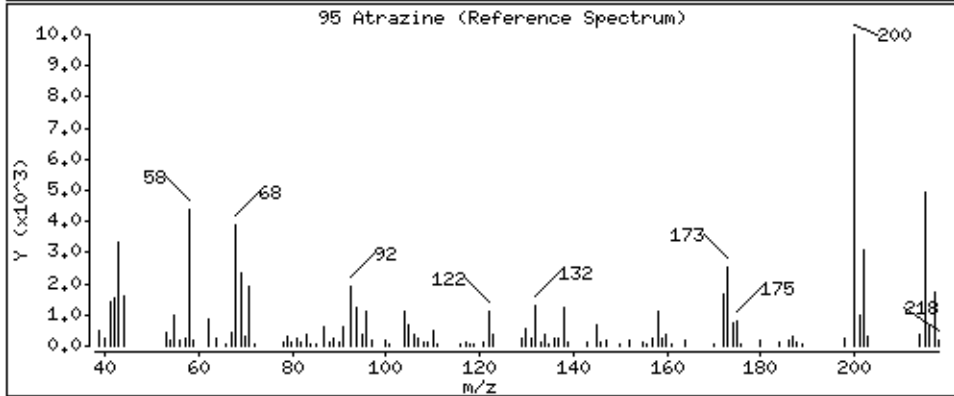
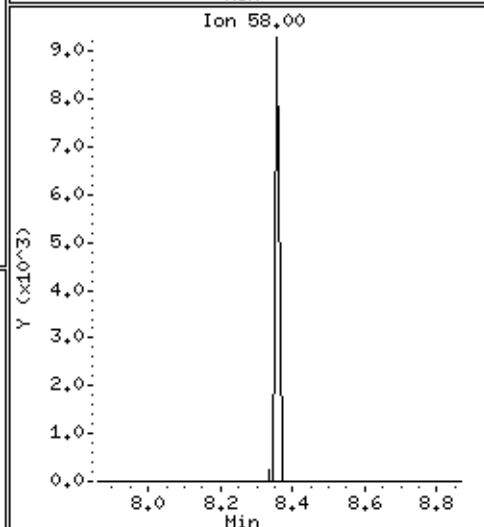
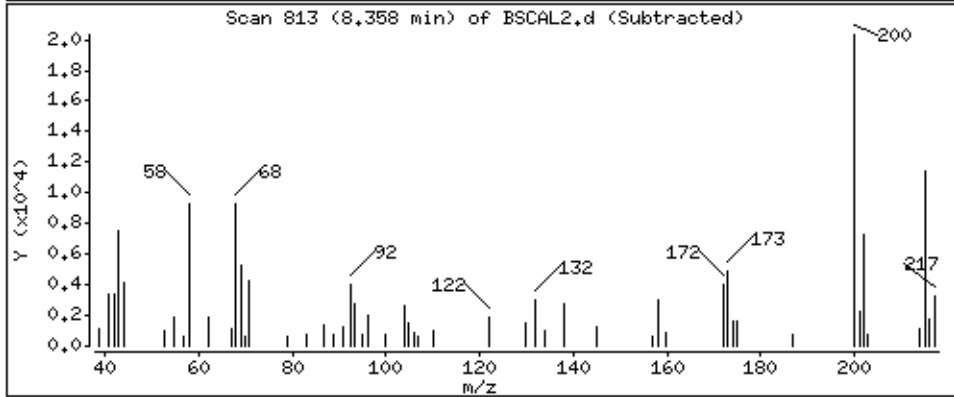
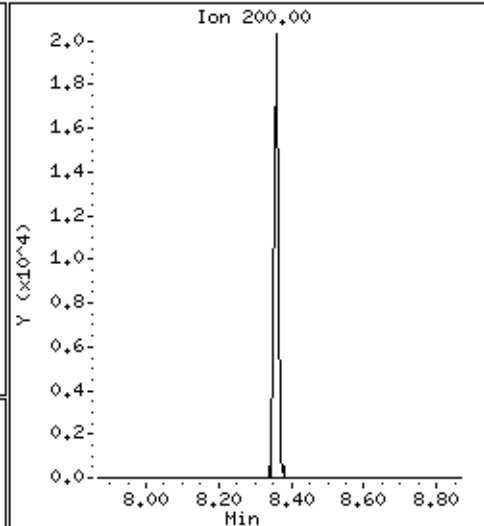
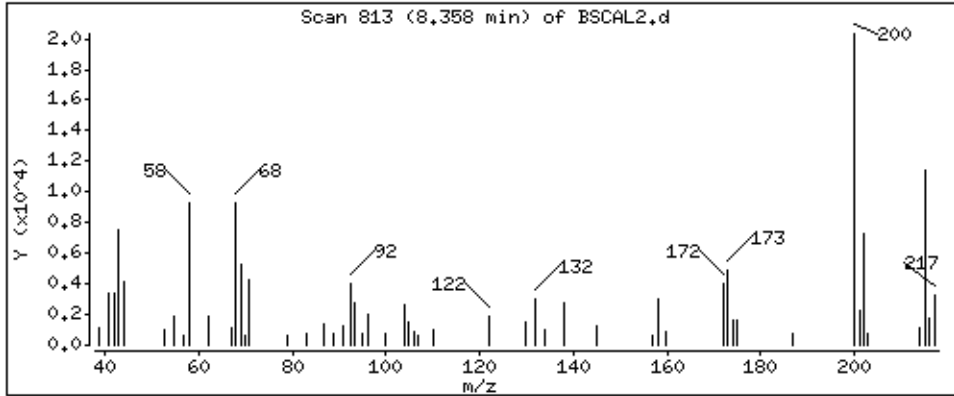
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

95 Atrazine

Concentration: 8,6 ug/kg



Date : 15-NOV-2012 08:22

Client ID: BSCAL2

Instrument: smsd04.i

Sample Info: 47967

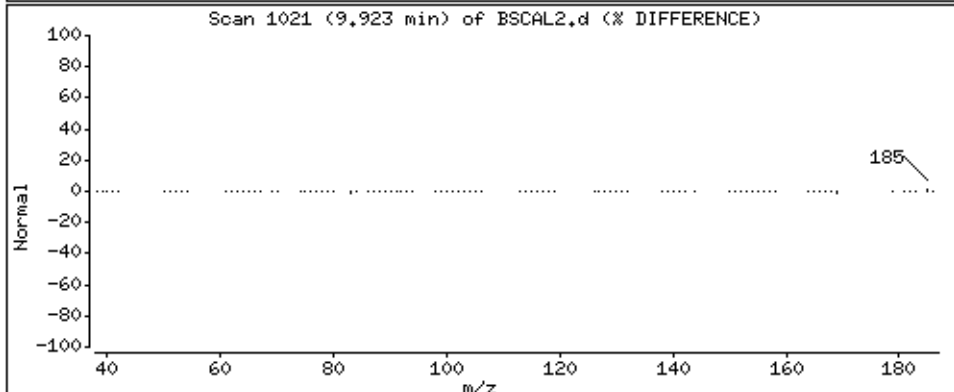
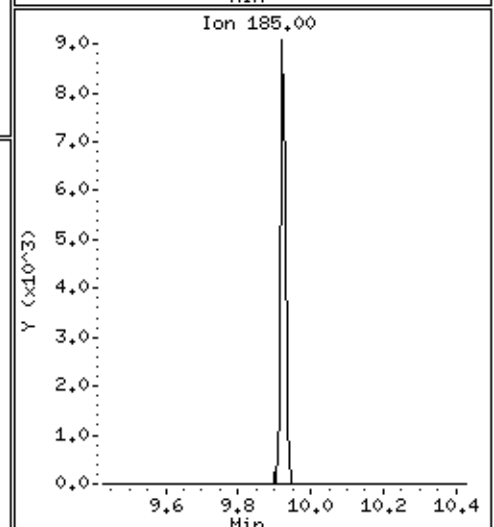
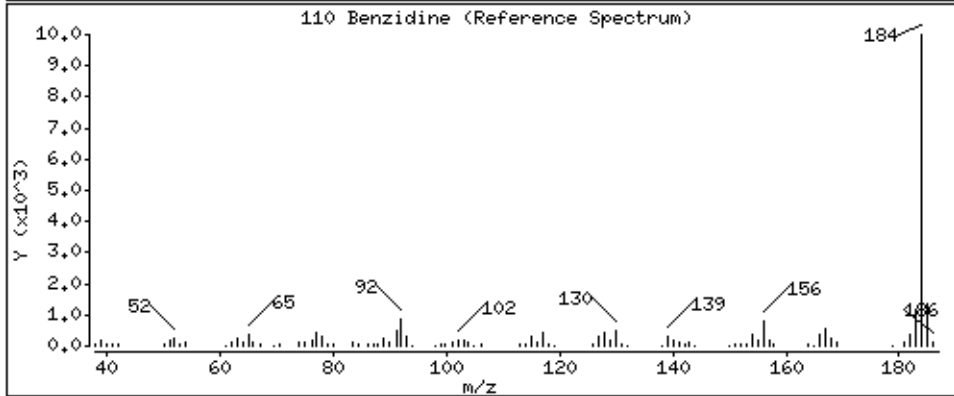
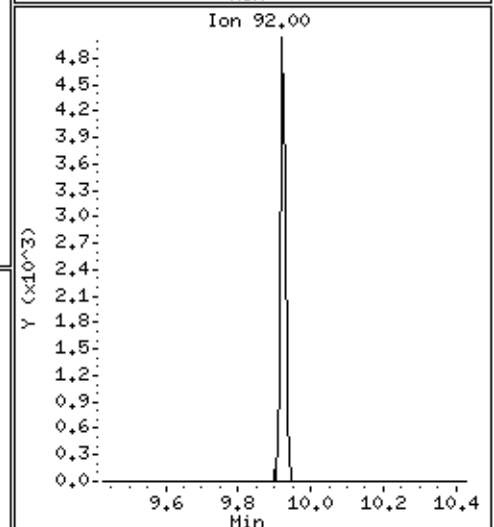
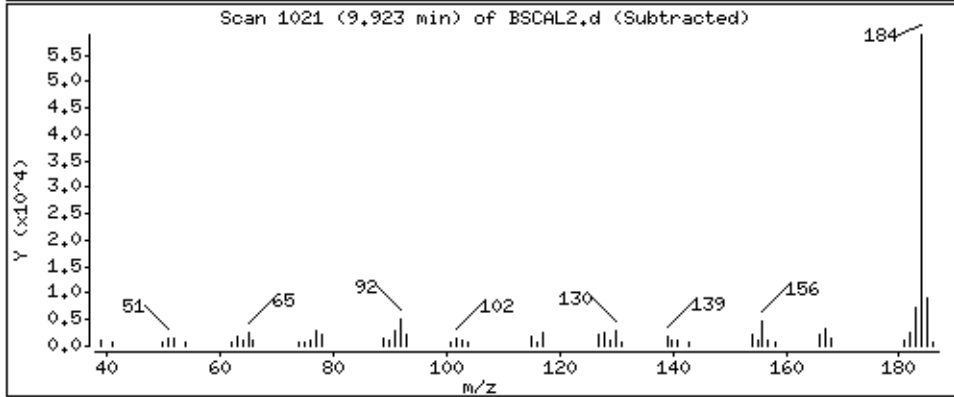
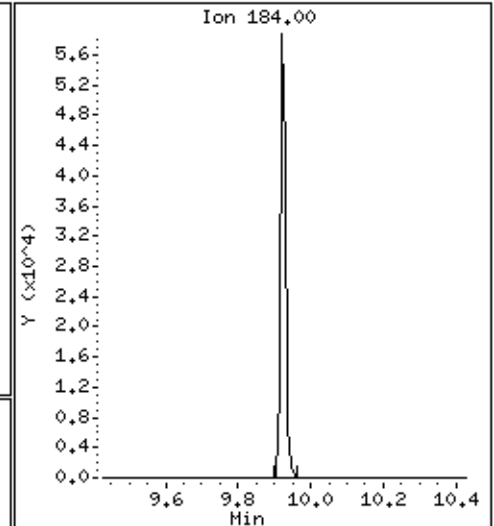
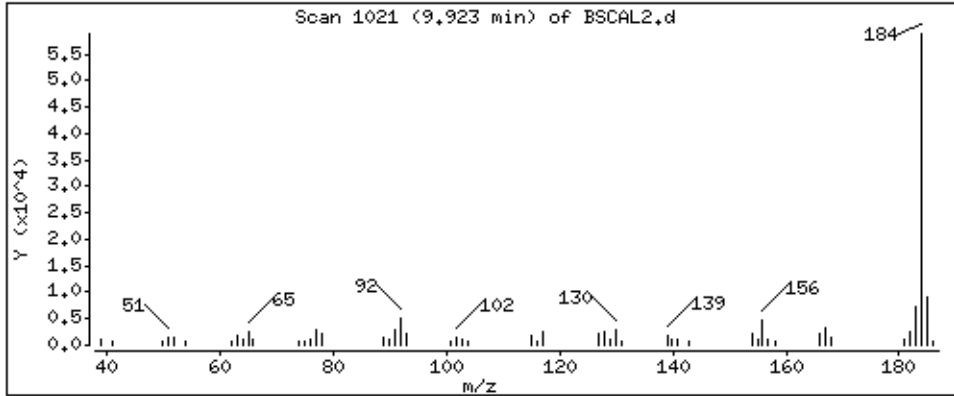
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

110 Benzidine

Concentration: 8,4 ug/kg





Date : 15-NOV-2012 08:22

Client ID: BSCAL2

Instrument: smsd04.i

Sample Info: 47967

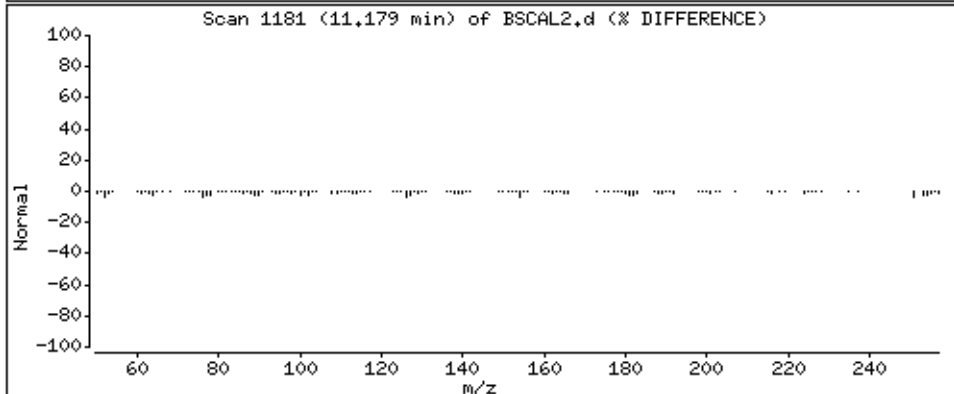
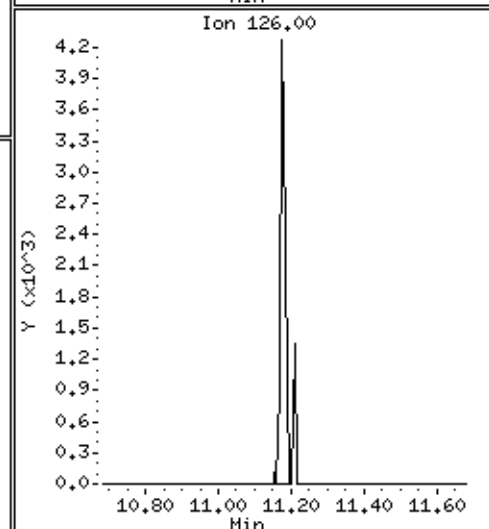
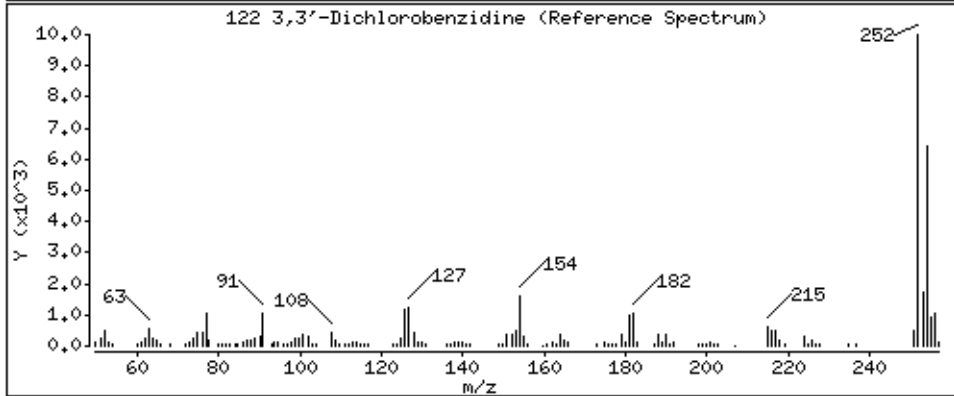
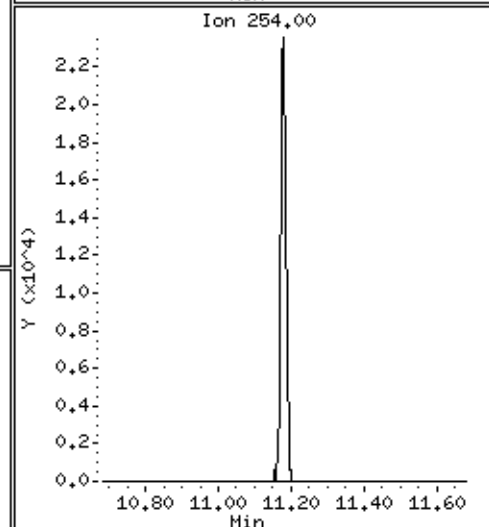
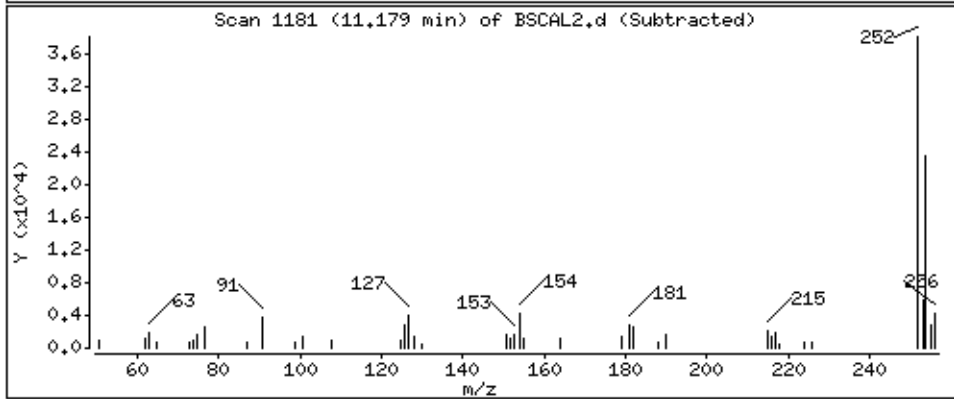
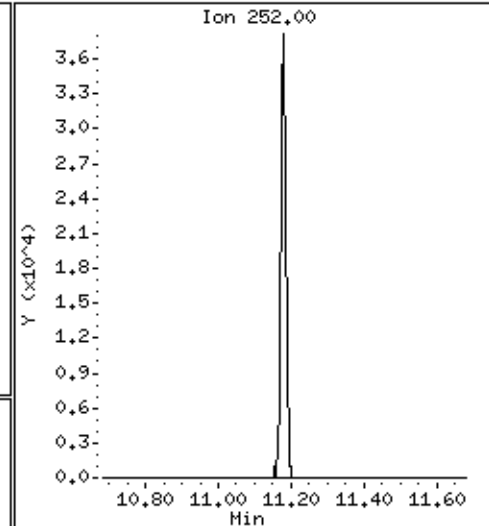
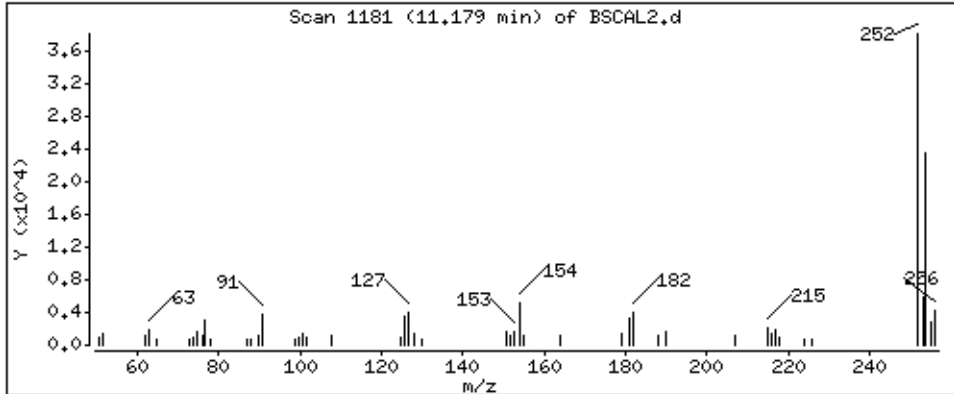
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

122 3,3'-Dichlorobenzidine

Concentration: 9,0 ug/kg



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\BSCAL1.d  
 Lab Smp Id: 47968 Client Smp ID: BSCAL1  
 Inj Date : 15-NOV-2012 08:43 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47968  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 11:30 Cal File: AP9CAL1.d  
 Als bottle: 37 Calibration Sample, Level: 1  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: BZSOWcal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
9 Benzaldehyde CAS #: 100-52-7									
3.930	3.929 ( 0.915)		77	10177	4.00000	3.6	80.00- 120.00	100.00(a)	
3.930	3.929 ( 0.915)		106	8627			52.13- 112.13	84.77	
3.930	3.929 ( 0.915)		51	5271			17.54- 77.54	51.79	
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.295	4.294 ( 1.000)		152	88406	40.0000		80.00- 120.00	100.00	
4.294	4.294 ( 1.000)		115	57050			34.81- 94.81	64.53	
4.295	4.294 ( 1.000)		150	140091			126.51- 186.51	158.46	
25 Acetophenone CAS #: 98-86-2									
4.673	4.675 ( 0.855)		105	16149	4.00000	3.8	80.00- 120.00	100.00	
4.672	4.675 ( 0.855)		77	15657			60.51- 120.51	96.95	
4.672	4.674 ( 0.855)		51	5079			1.60- 61.60	31.45	
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.463	5.463 ( 1.000)		136	295748	40.0000		80.00- 120.00	100.00	
5.463	5.463 ( 1.000)		68	22171			0.00- 37.51	7.50	
50 Caprolactam CAS #: 105-60-2									
5.820	5.836 ( 1.065)		55	3890	4.00000	3.1	80.00- 120.00	100.00(a)	

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
50 Caprolactam (continued)									
5.820	5.836	( 1.065)	113	2528			40.21-	100.21	64.99
5.820	5.836	( 1.065)	85	2134			19.92-	79.92	54.86
-----									
61 1,1-Biphenyl					CAS #: 92-52-4				
6.596	6.598	( 0.920)	154	26518	4.00000	3.6	80.00-	120.00	100.00(a)
6.595	6.597	( 0.920)	76	4100			0.00-	46.03	15.46
6.594	6.597	( 0.920)	51	1967			0.00-	37.80	7.42
-----									
* 70 Acenaphthene-d10					CAS #: 15067-26-2				
7.167	7.167	( 1.000)	164	194521	40.0000		80.00-	120.00	100.00
7.167	7.168	( 1.000)	162	182761			66.12-	126.12	93.95
7.167	7.167	( 1.000)	160	83347			13.21-	73.21	42.85
-----									
95 Atrazine					CAS #: 1912-24-9				
8.357	8.364	( 0.972)	200	6777	4.00000	3.4	80.00-	120.00	100.00(a)
8.357	8.363	( 0.972)	58	3047			14.20-	74.20	44.96
8.357	8.364	( 0.972)	215	3395			20.34-	80.34	50.10
-----									
* 100 Phenanthrene-d10					CAS #: 1517-22-2				
8.600	8.604	( 1.000)	188	356708	40.0000		80.00-	120.00	100.00
8.599	8.604	( 1.000)	94	37530			0.00-	40.39	10.52
8.599	8.603	( 1.000)	80	42120			0.00-	41.55	11.81
-----									
110 Benzidine					CAS #: 92-87-5				
9.922	9.927	( 0.885)	184	20639	4.00000	2.9	80.00-	120.00	100.00(a)
9.921	9.927	( 0.885)	92	1614			0.00-	38.66	7.82
9.923	9.927	( 0.885)	185	2440			0.00-	43.92	11.82
-----									
122 3,3'-Dichlorobenzidine					CAS #: 91-94-1				
11.178	11.181	( 0.997)	252	13492	4.00000	3.2	80.00-	120.00	100.00(a)
11.177	11.181	( 0.997)	254	8805			34.93-	94.93	65.26
11.176	11.180	( 0.997)	126	1253			0.00-	41.83	9.29
-----									
* 121 Chrysene-d12					CAS #: 1719-03-5				
11.209	11.211	( 1.000)	240	388398	40.0000		80.00-	120.00	100.00
11.208	11.210	( 1.000)	120	39979			0.00-	40.02	10.29
11.209	11.210	( 1.000)	236	94901			0.00-	54.50	24.43
-----									
* 130 Perylene-d12					CAS #: 1520-96-3				
12.532	12.532	( 1.000)	264	355068	40.0000		80.00-	120.00	100.00
12.532	12.533	( 1.000)	260	78292			0.00-	52.70	22.05
12.532	12.532	( 1.000)	265	74657			0.00-	52.11	21.03
-----									

QC Flag Legend

a - Target compound detected but, quantitated amount  
 Below Limit Of Quantitation(BLOQ).

Date : 15-NOV-2012 08:43

Client ID: BSCAL1

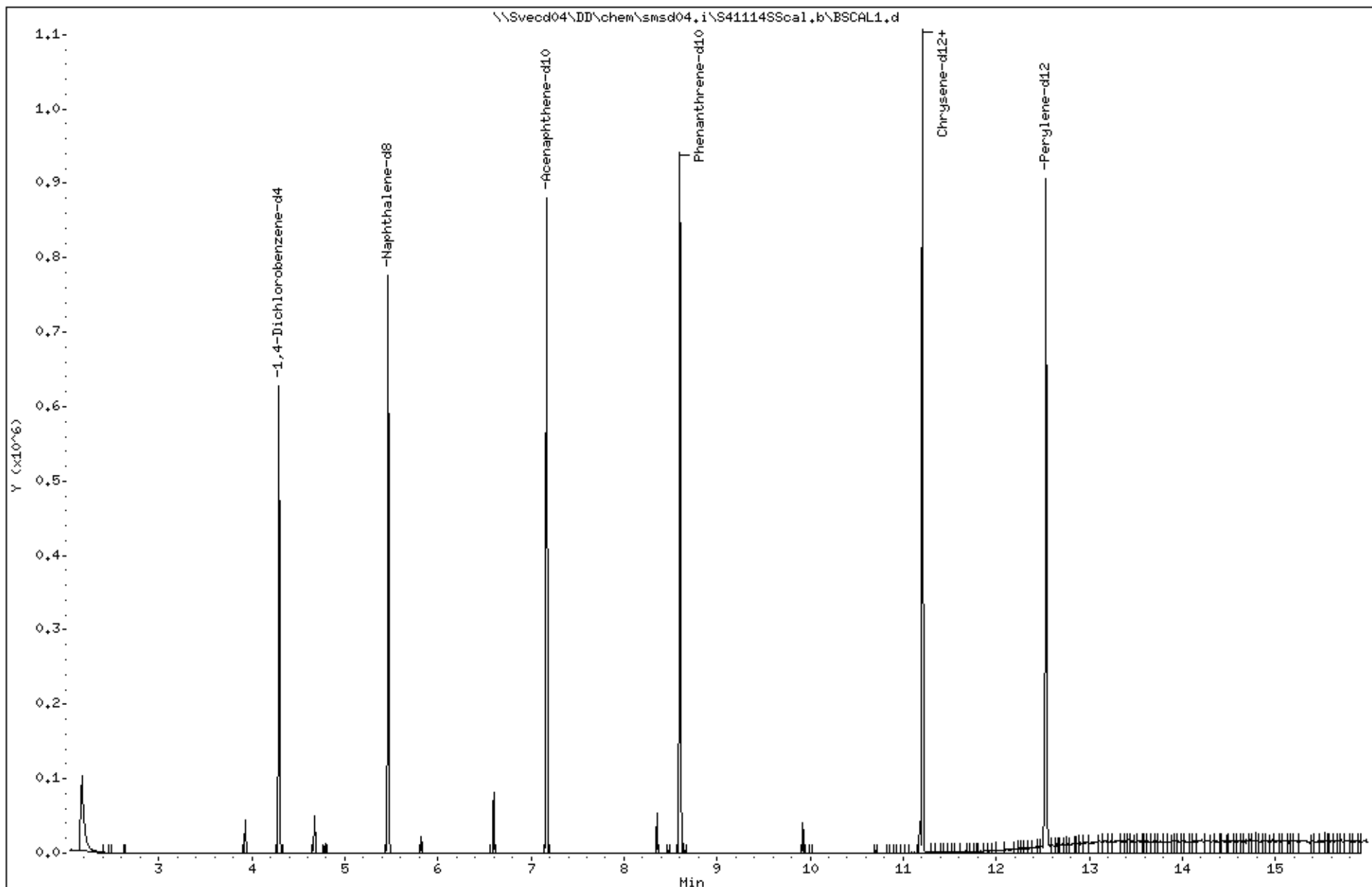
Sample Info: 47968

Instrument: smsd04.i

Operator: MJ

Column diameter: 0.25

Column phase: HPMS-5





Date : 15-NOV-2012 08:43

Client ID: BSCAL1

Instrument: smsd04.i

Sample Info: 47968

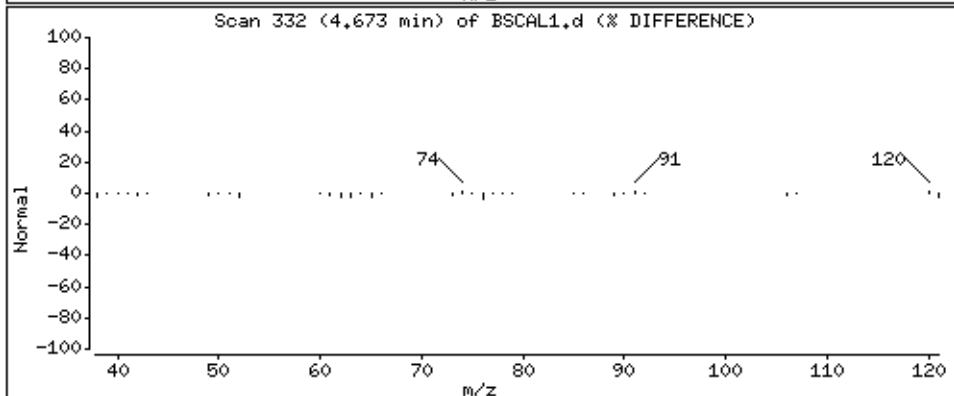
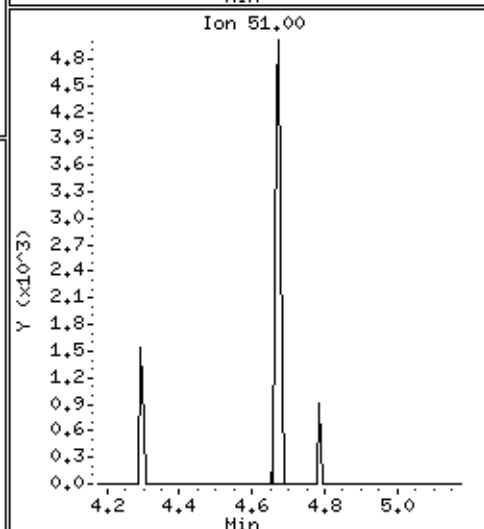
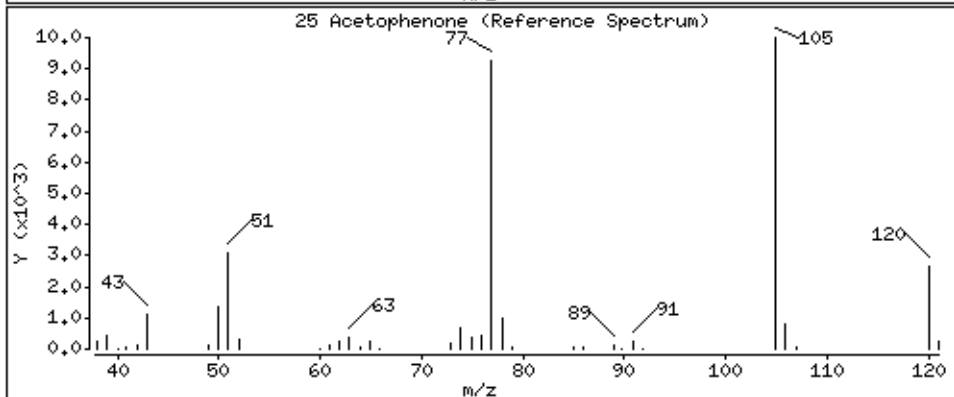
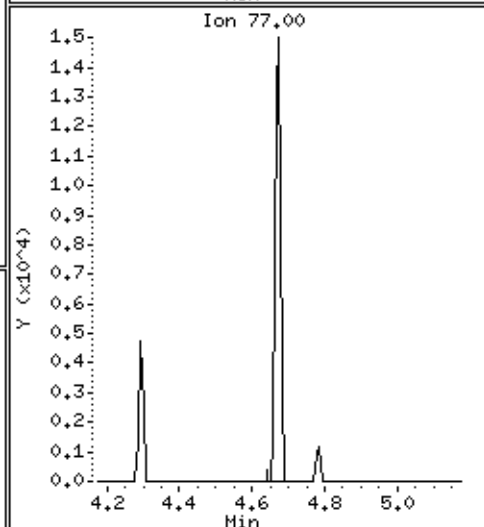
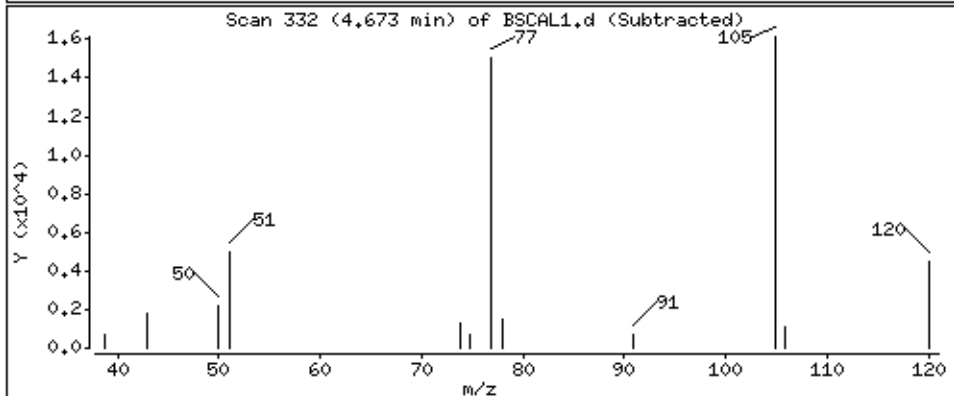
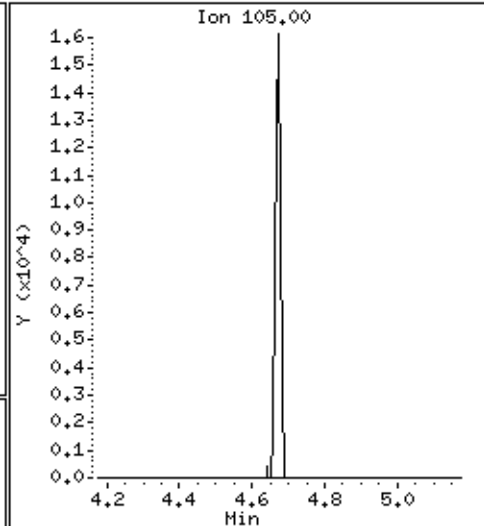
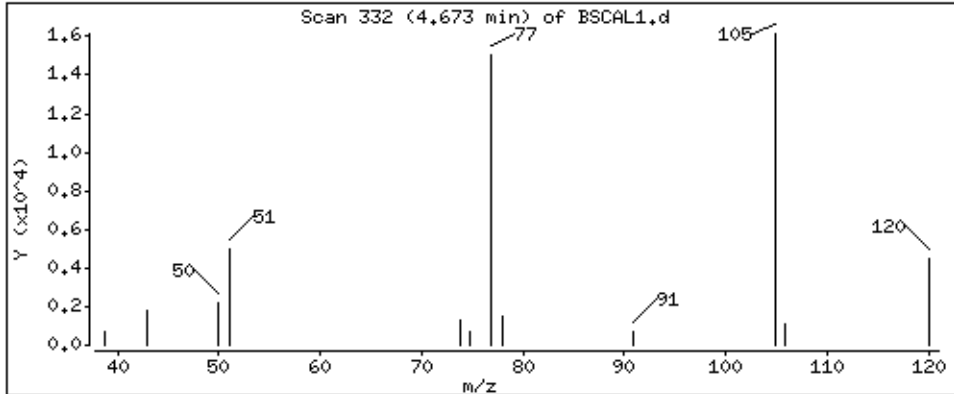
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

25 Acetophenone

Concentration: 3,8 ug/kg



Date : 15-NOV-2012 08:43

Client ID: BSCAL1

Instrument: smsd04.i

Sample Info: 47968

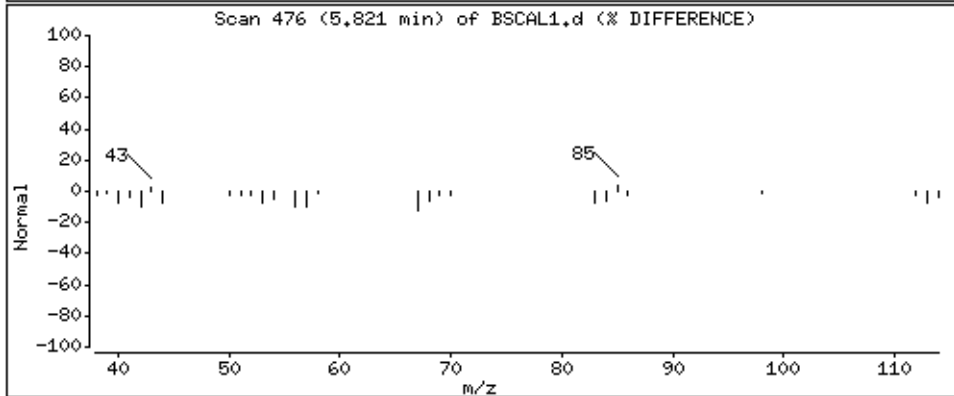
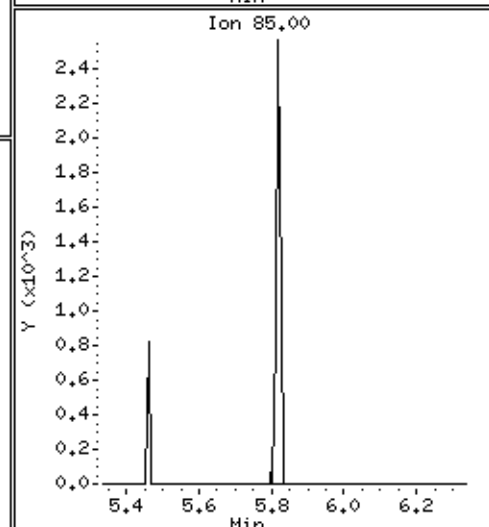
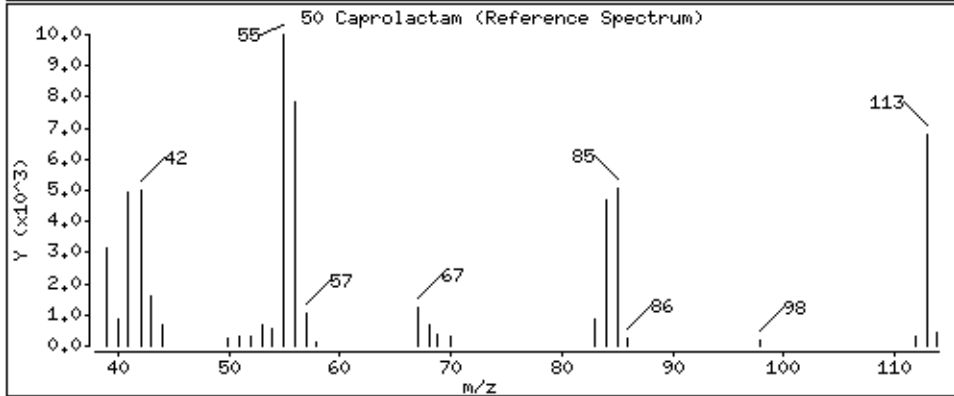
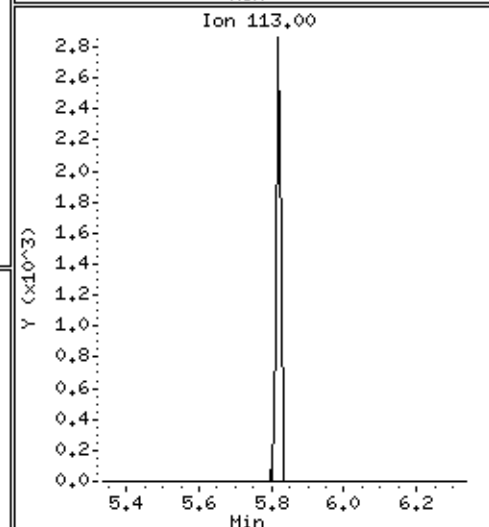
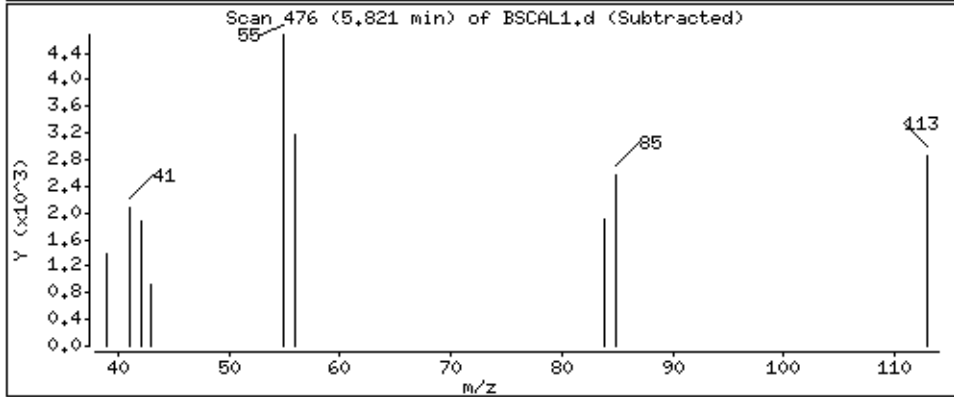
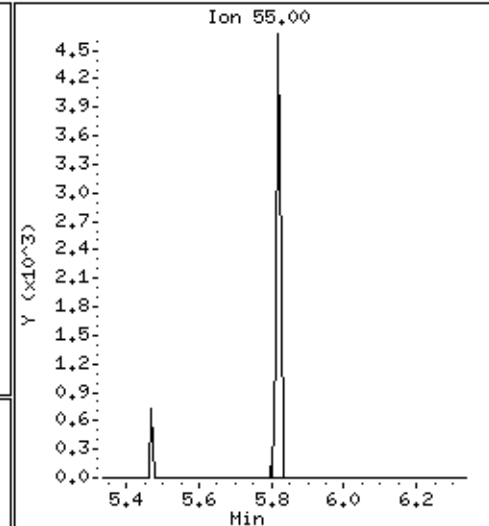
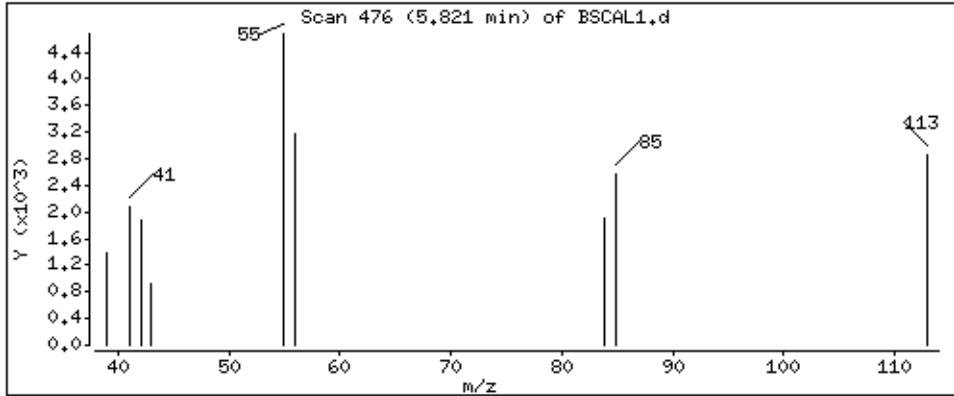
Operator: MJ

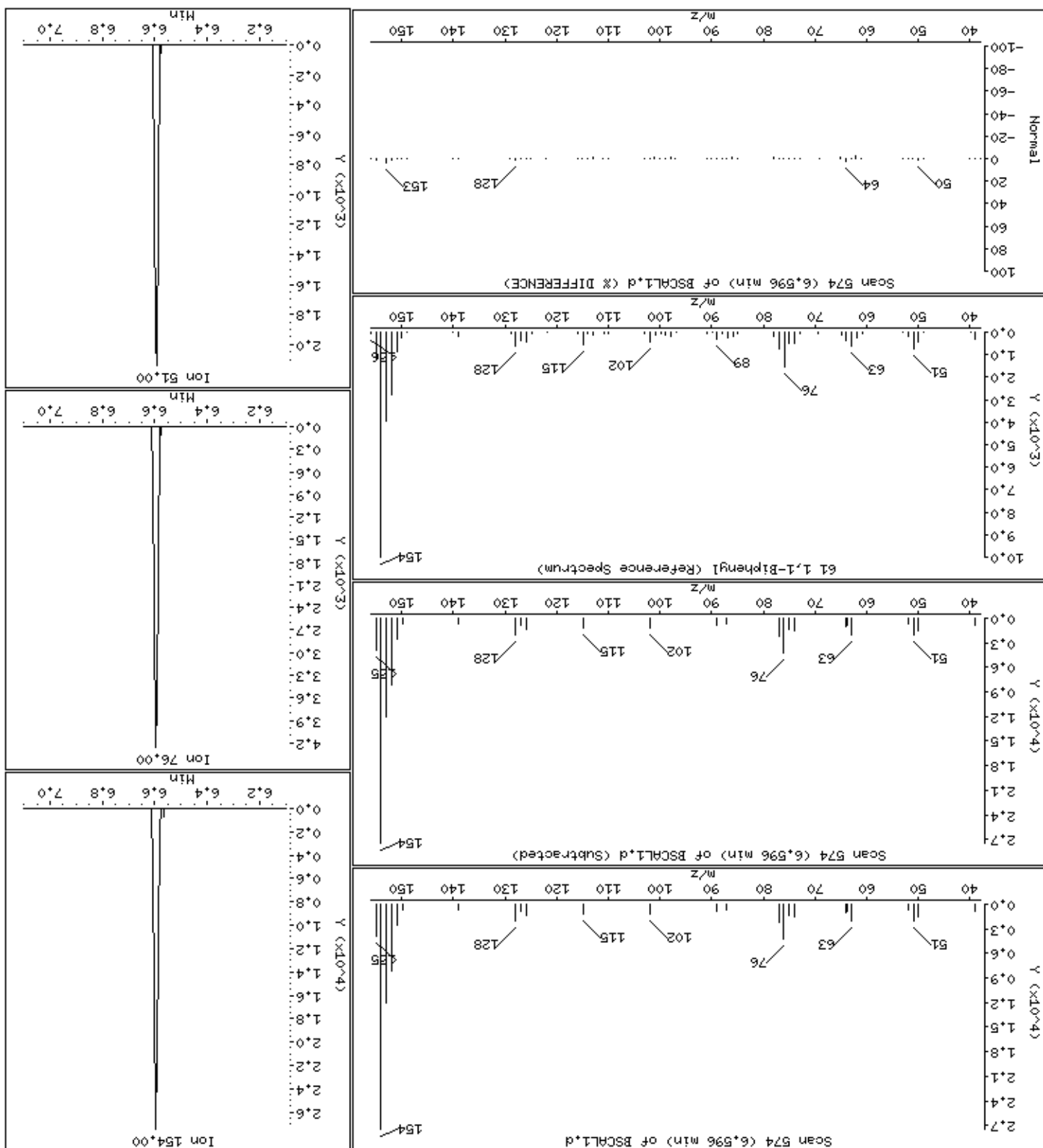
Column phase: HPMS-5

Column diameter: 0,25

50 Caprolactam

Concentration: 3,1 ug/kg







Date : 15-NOV-2012 08:43

Client ID: BSCAL1

Instrument: smsd04.i

Sample Info: 47968

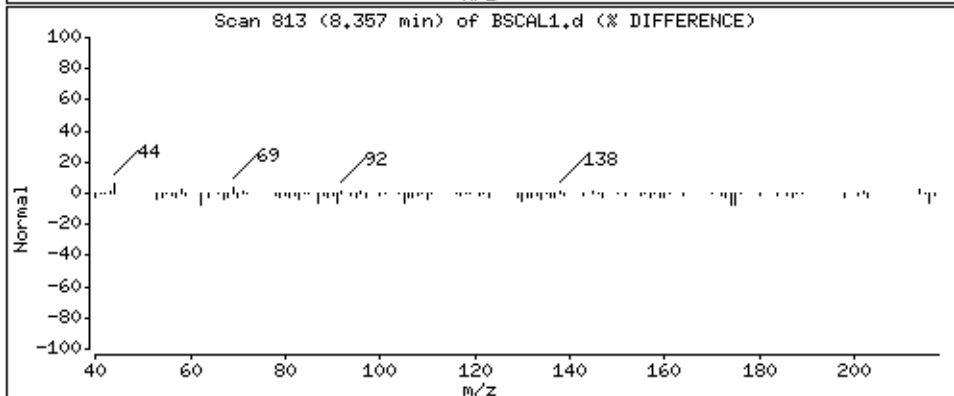
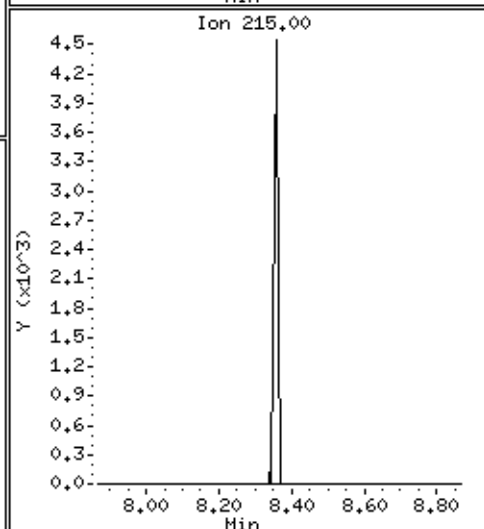
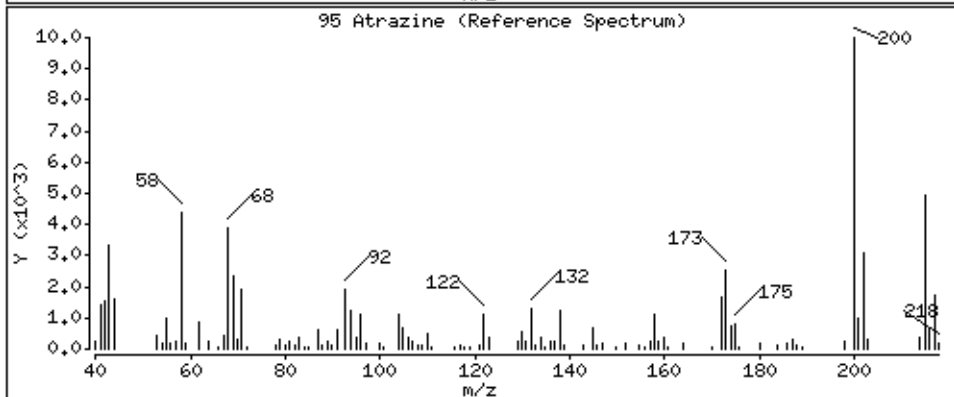
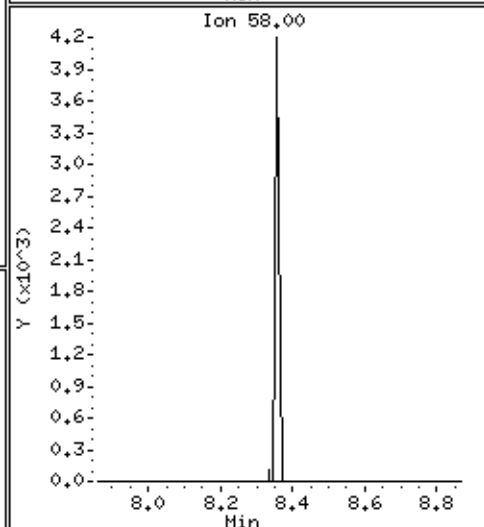
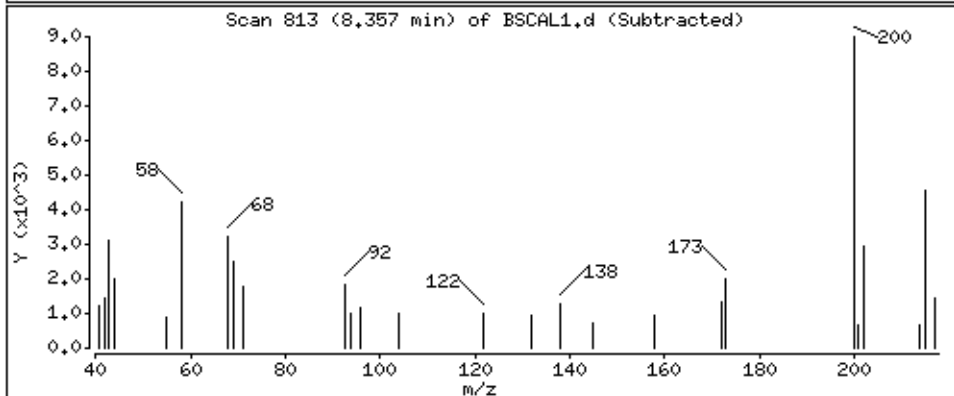
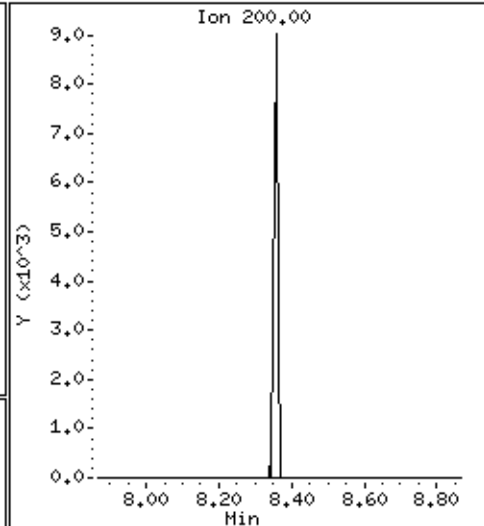
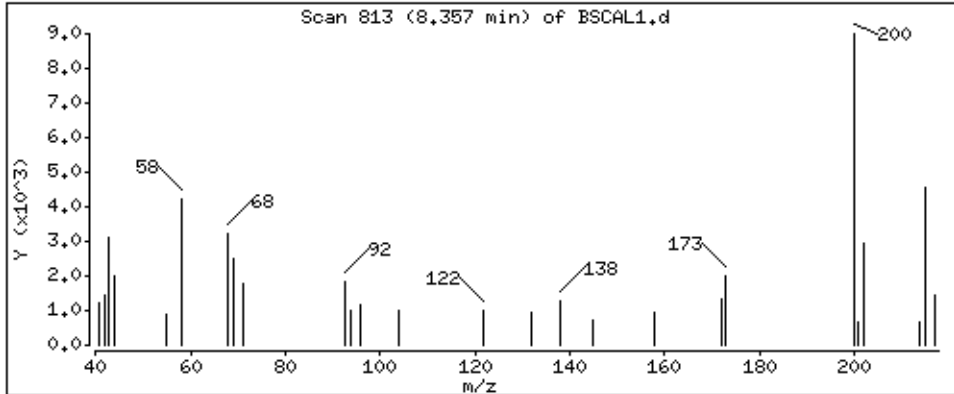
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

95 Atrazine

Concentration: 3,4 ug/kg



Date : 15-NOV-2012 08:43

Client ID: BSCAL1

Instrument: smsd04.i

Sample Info: 47968

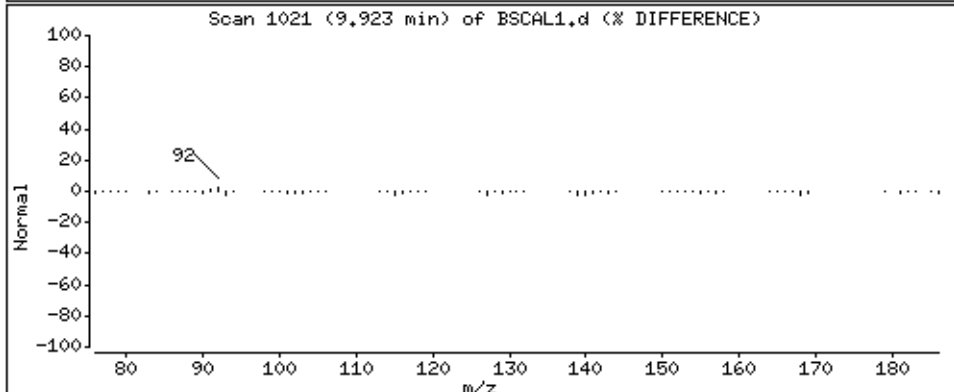
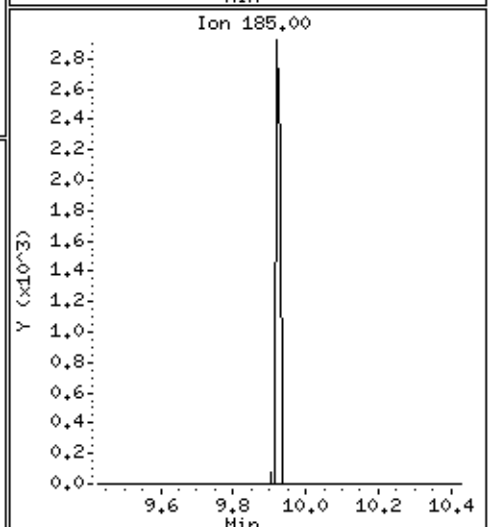
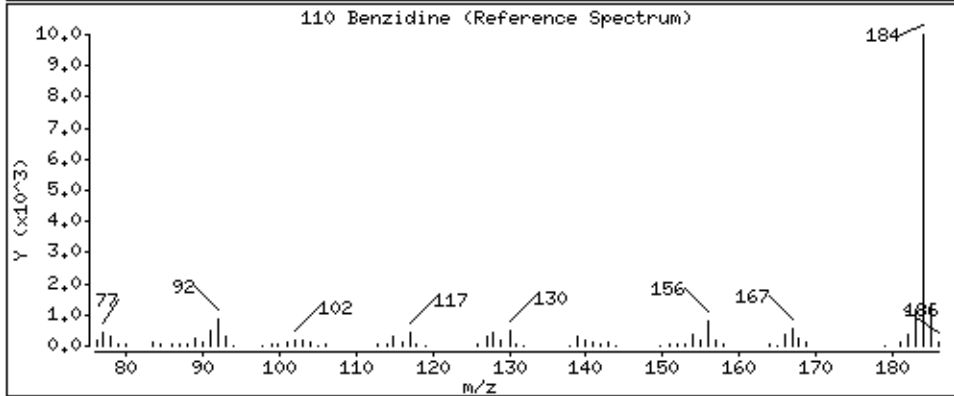
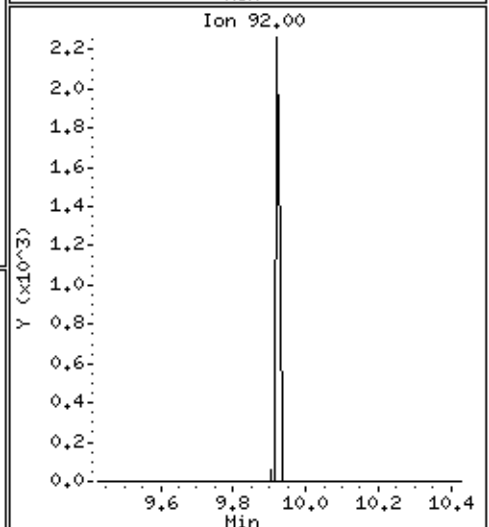
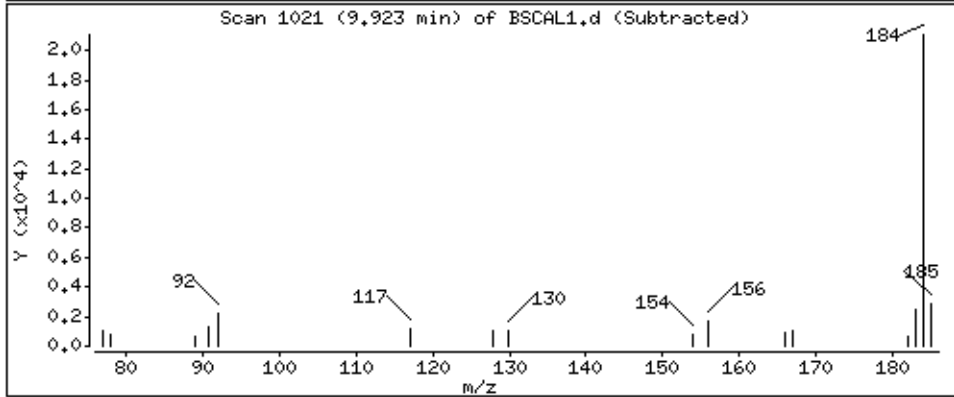
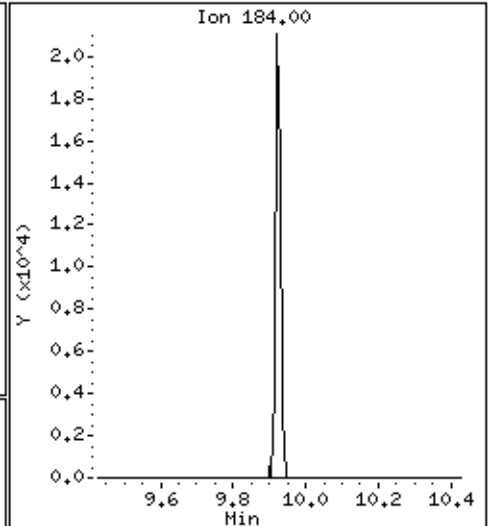
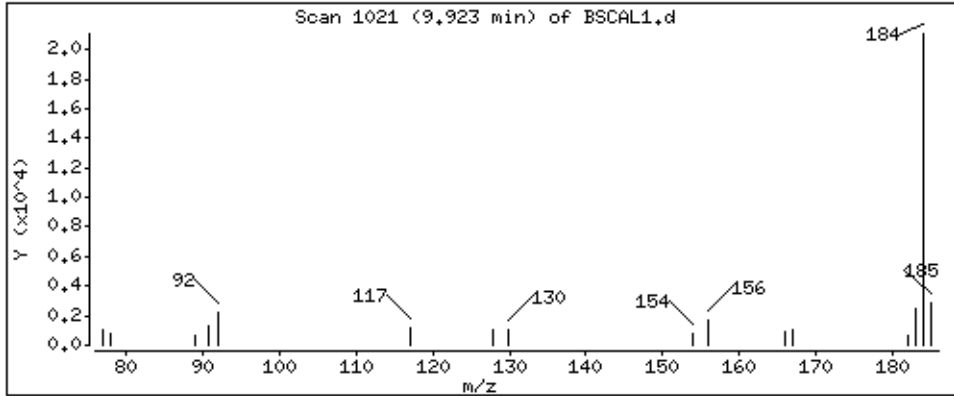
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

110 Benzidine

Concentration: 2,9 ug/kg



Date: 15-NOV-2012 08:43

Client ID: BSCAL1

Sample Info: 47968

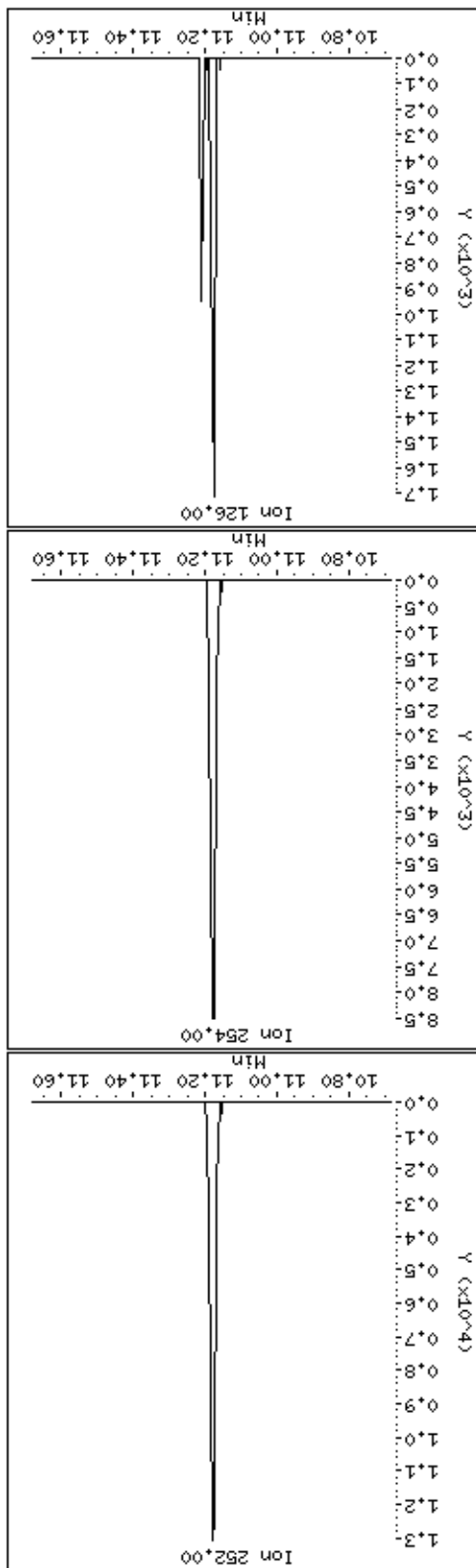
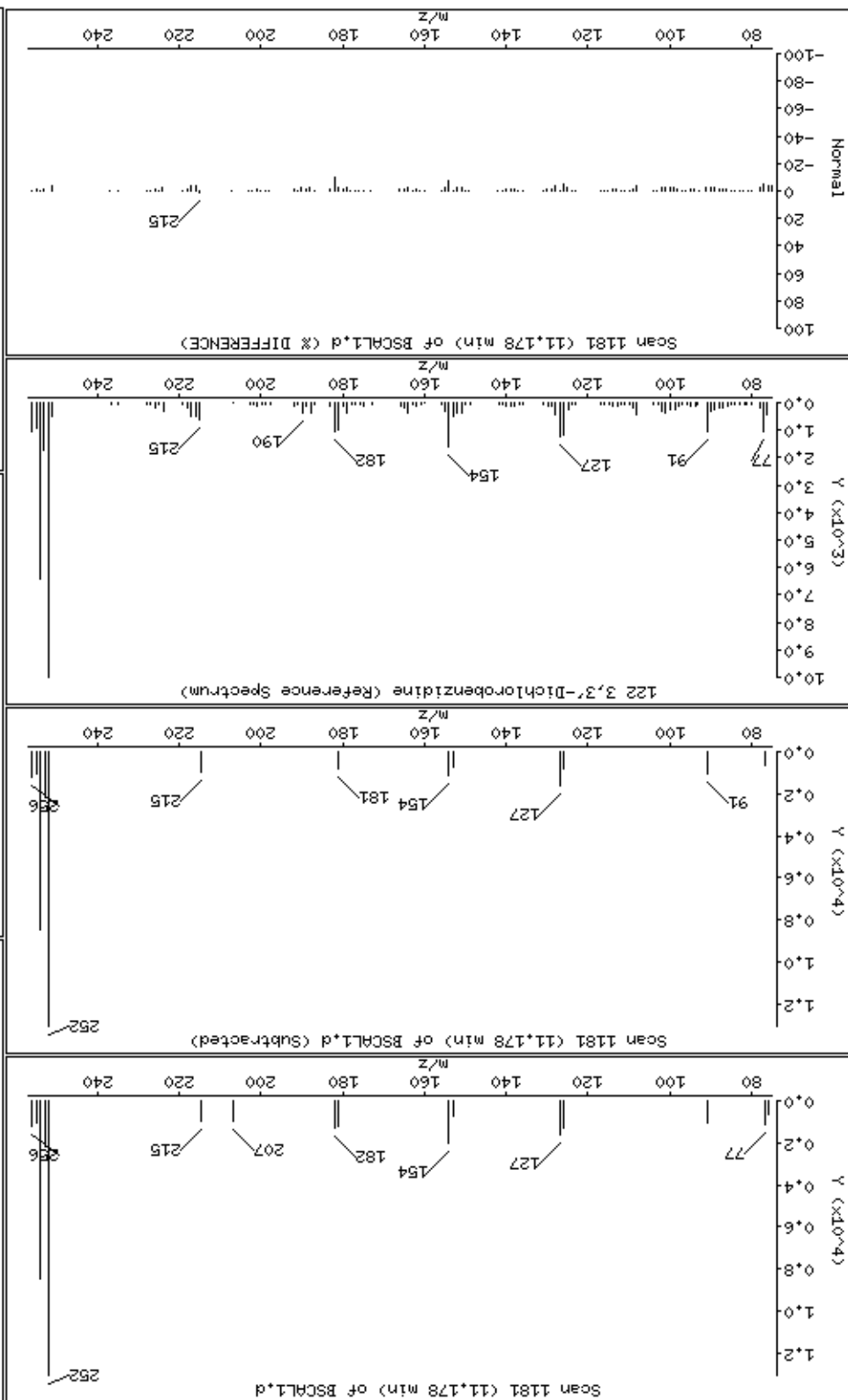
Operator: MJ

Column diameter: 0.25

Concentration: 3.2 ug/kg

Instrument: smsd04.1

122 3,3'-Dichlorobenzidine



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\BSSEC.d  
 Lab Smp Id: 47969 Client Smp ID: BSSEC  
 Inj Date : 15-NOV-2012 09:04 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47969  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 11:30 Cal File: AP9CAL1.d  
 Als bottle: 38 Continuing Calibration Sample  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: BZSOWcal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

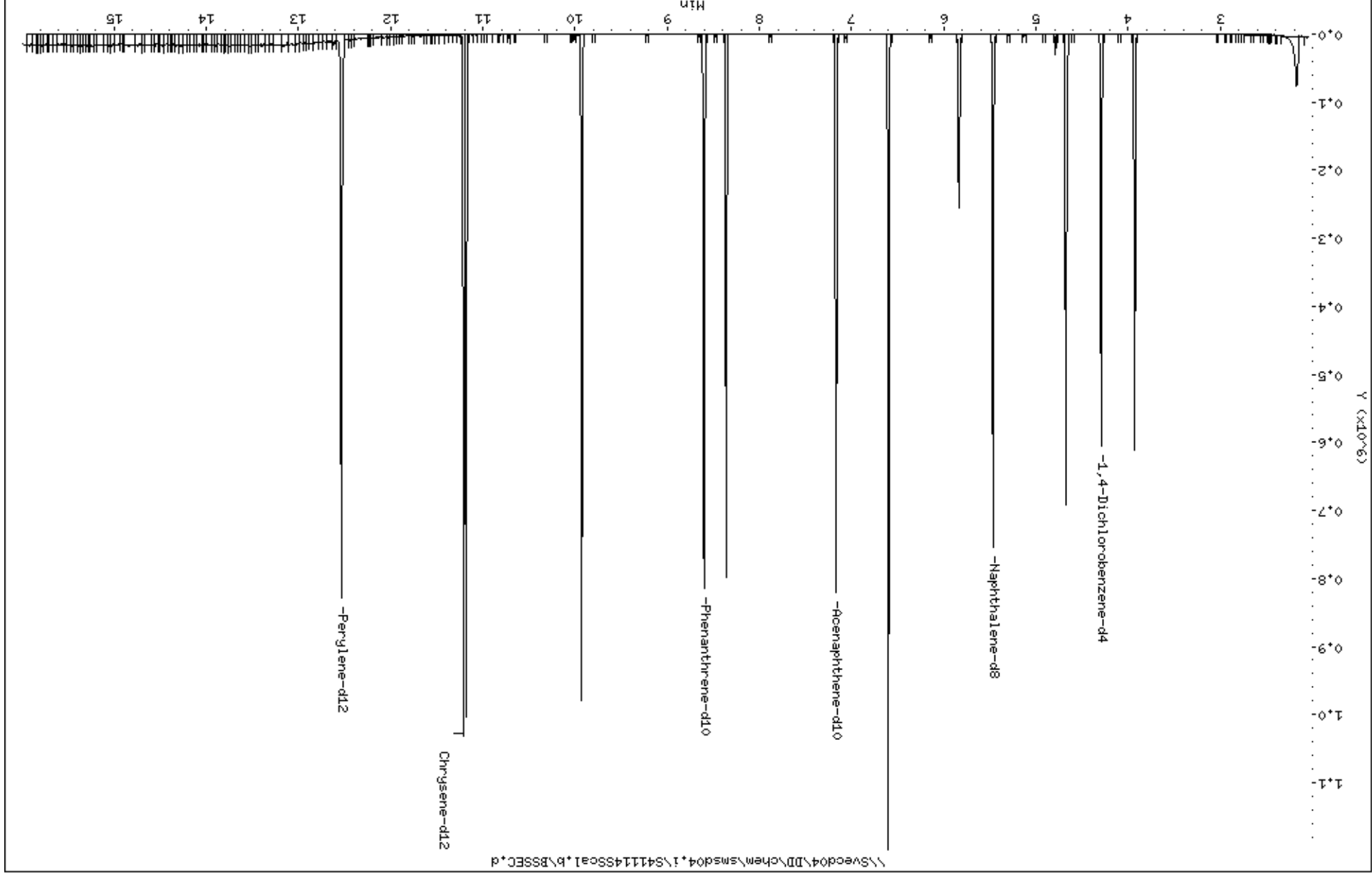
Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
9 Benzaldehyde CAS #: 100-52-7									
3.929	3.929	( 0.915)	77	129054	45.0000	48.2	80.00- 120.00	100.00(a)	
3.929	3.929	( 0.915)	106	105986			52.13- 112.13	82.13	
3.929	3.929	( 0.915)	51	61350			17.54- 77.54	47.54	
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.295	4.294	( 1.000)	152	85769	40.0000		80.00- 120.00	100.00(Q)	
4.295	4.294	( 1.000)	115	54730			34.81- 94.81	63.81	
4.295	4.294	( 1.000)	150	133731			126.51- 186.51	155.92	
25 Acetophenone CAS #: 98-86-2									
4.673	4.675	( 0.855)	105	192992	45.0000	45.2	80.00- 120.00	100.00	
4.673	4.675	( 0.855)	77	183129			60.51- 120.51	94.89	
4.673	4.674	( 0.855)	51	61170			1.60- 61.60	31.70	
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.463	5.463	( 1.000)	136	284293	40.0000		80.00- 120.00	100.00	
5.463	5.463	( 1.000)	68	21747			0.00- 37.51	7.65	
50 Caprolactam CAS #: 105-60-2									
5.836	5.836	( 1.068)	55	56545	45.0000	48.7	80.00- 120.00	100.00(a)	

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
50 Caprolactam (continued)									
5.836	5.836	( 1.068)	113	39702			40.21-	100.21	70.21
5.836	5.836	( 1.068)	85	28229			19.92-	79.92	49.92
-----									
61 1,1-Biphenyl						CAS #: 92-52-4			
6.598	6.598	( 0.921)	154	321774	45.0000	48.4	80.00-	120.00	100.00(a)
6.597	6.597	( 0.921)	76	51580			0.00-	46.03	16.03
6.597	6.597	( 0.920)	51	25097			0.00-	37.80	7.80
-----									
* 70 Acenaphthene-d10						CAS #: 15067-26-2			
7.167	7.167	( 1.000)	164	178737	40.0000		80.00-	120.00	100.00
7.167	7.168	( 1.000)	162	172317			66.12-	126.12	96.41
7.167	7.167	( 1.000)	160	76882			13.21-	73.21	43.01
-----									
95 Atrazine						CAS #: 1912-24-9			
8.364	8.364	( 0.973)	200	88293	45.0000	49.4	80.00-	120.00	100.00(a)
8.363	8.363	( 0.972)	58	39024			14.20-	74.20	44.20
8.364	8.364	( 0.973)	215	44445			20.34-	80.34	50.34
-----									
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.600	8.604	( 1.000)	188	324702	40.0000		80.00-	120.00	100.00
8.600	8.604	( 1.000)	94	33521			0.00-	40.39	10.32
8.600	8.603	( 1.000)	80	37915			0.00-	41.55	11.68
-----									
110 Benzidine						CAS #: 92-87-5			
9.927	9.927	( 0.886)	184	324423	45.0000	51.3	80.00-	120.00	100.00(a)
9.927	9.927	( 0.886)	92	28095			0.00-	38.66	8.66
9.927	9.927	( 0.886)	185	45162			0.00-	43.92	13.92
-----									
122 3,3'-Dichlorobenzidine						CAS #: 91-94-1			
11.181	11.181	( 0.997)	252	192908	45.0000	50.3	80.00-	120.00	100.00(a)
11.181	11.181	( 0.997)	254	125248			34.93-	94.93	64.93
11.180	11.180	( 0.997)	126	22812			0.00-	41.83	11.83
-----									
* 121 Chrysene-d12						CAS #: 1719-03-5			
11.210	11.211	( 1.000)	240	364354	40.0000		80.00-	120.00	100.00
11.209	11.210	( 1.000)	120	37197			0.00-	40.02	10.21
11.210	11.210	( 1.000)	236	91937			0.00-	54.50	25.23
-----									
* 130 Perylene-d12						CAS #: 1520-96-3			
12.532	12.532	( 1.000)	264	335400	40.0000		80.00-	120.00	100.00
12.532	12.533	( 1.000)	260	75719			0.00-	52.70	22.58
12.532	12.532	( 1.000)	265	73148			0.00-	52.11	21.81
-----									

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.



Date : 15-NOV-2012 09:04

Client ID: BSSEC

Instrument: smsd04.i

Sample Info: 47969

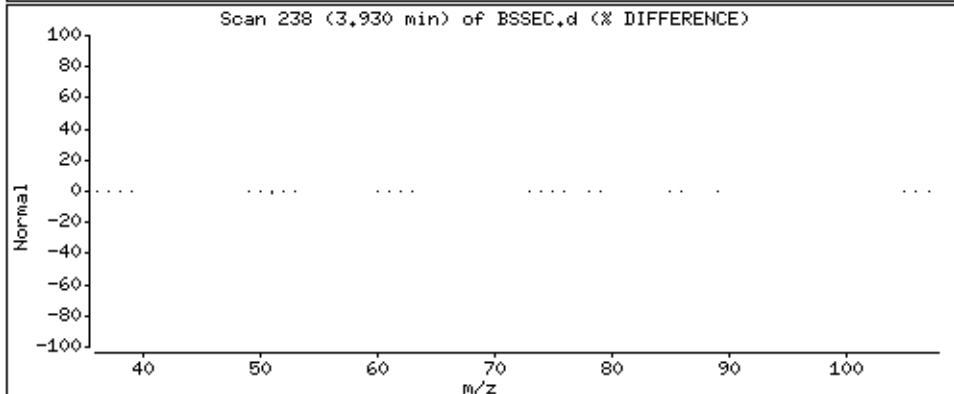
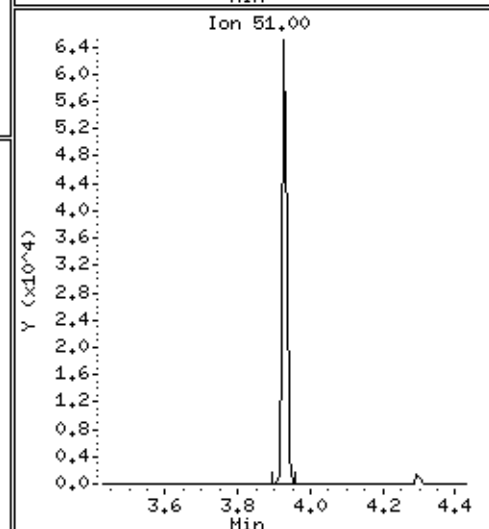
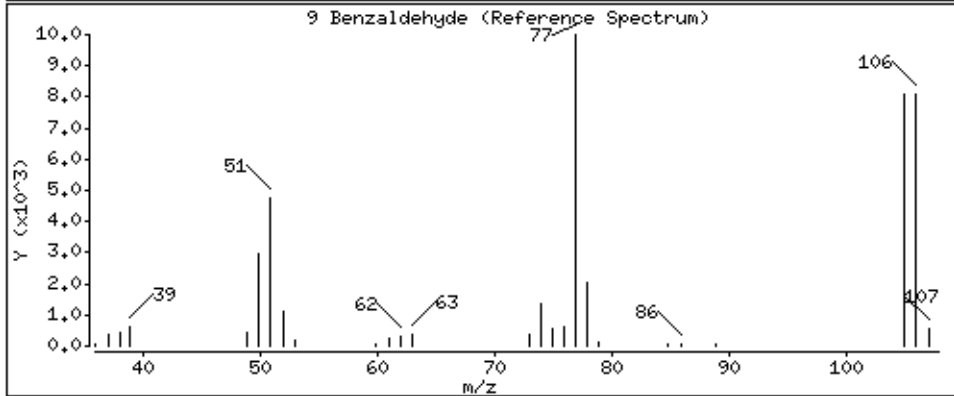
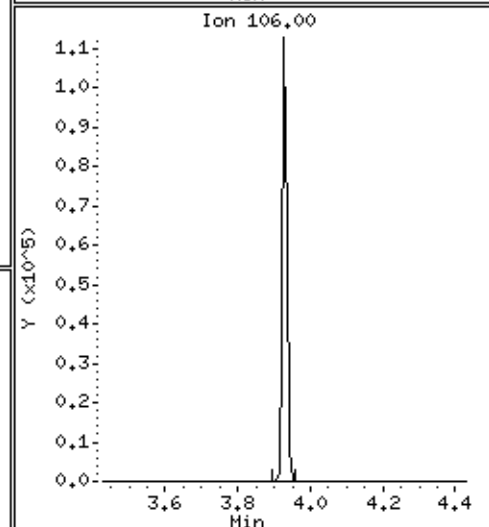
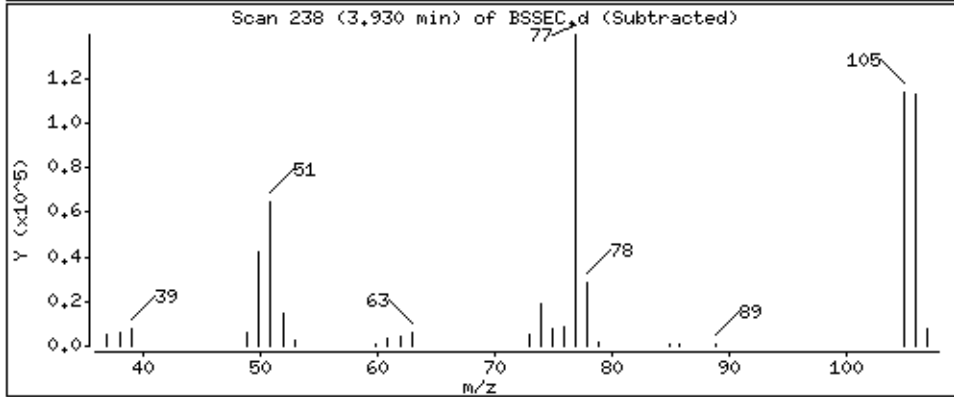
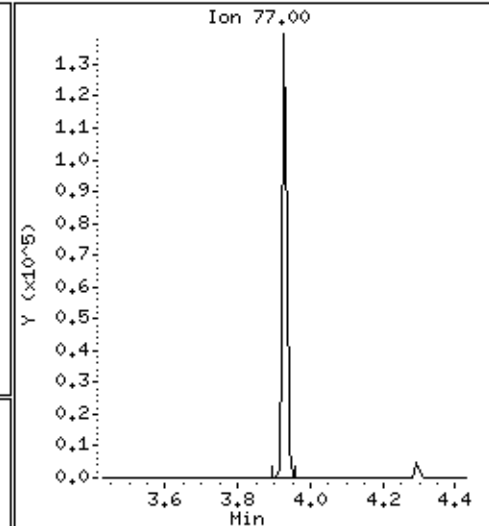
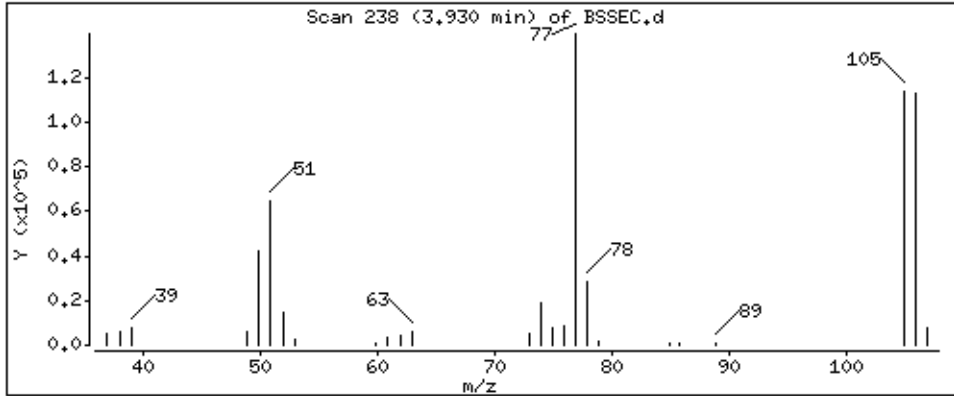
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

9 Benzaldehyde

Concentration: 48,2 ug/kg



Date : 15-NOV-2012 09:04

Client ID: BSSEC

Instrument: smsd04.i

Sample Info: 47969

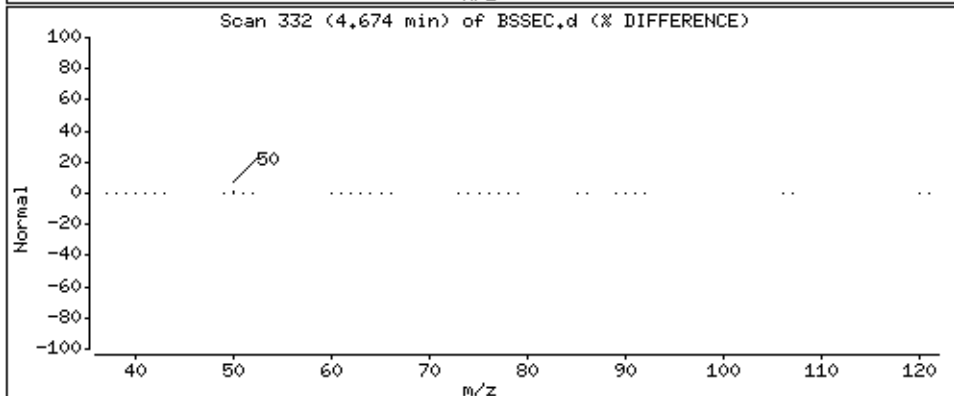
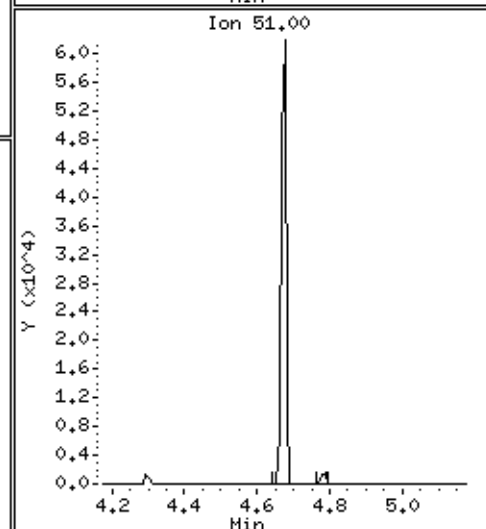
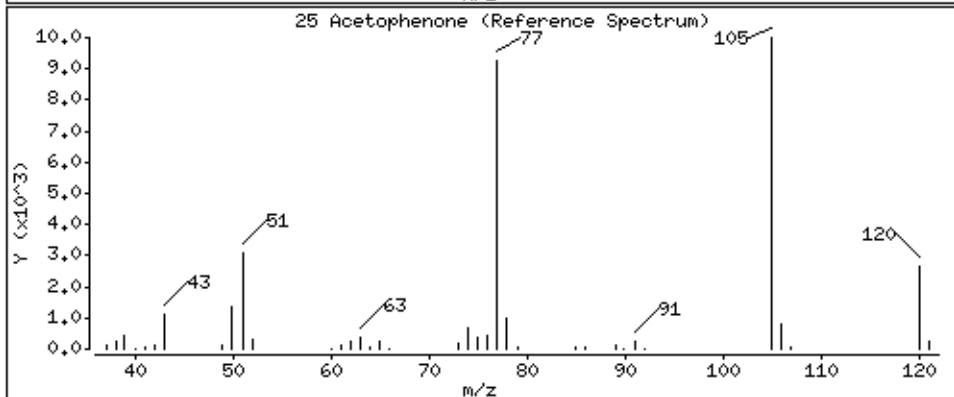
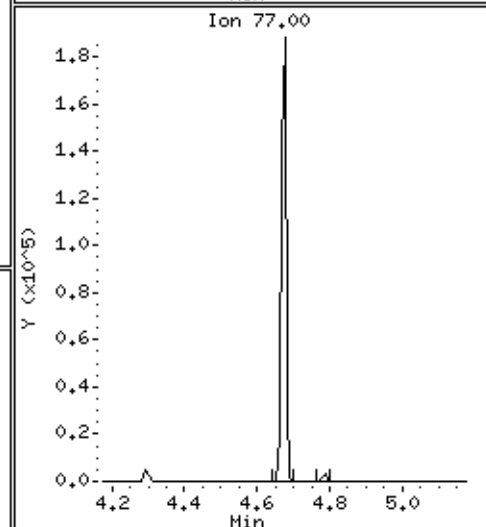
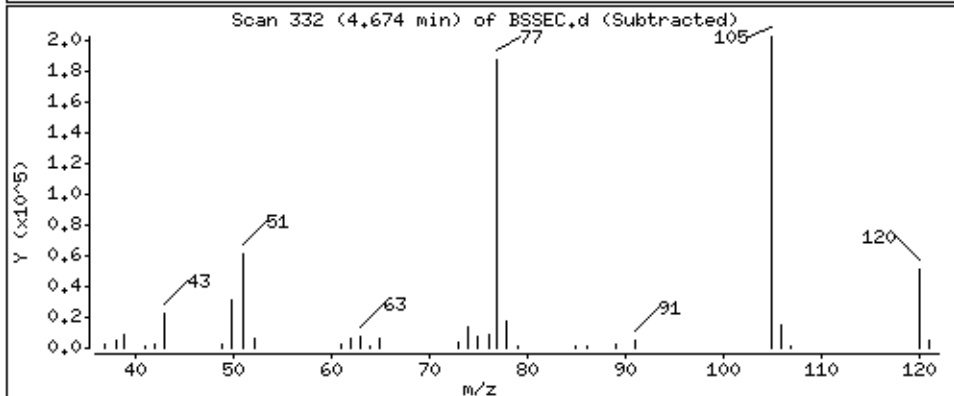
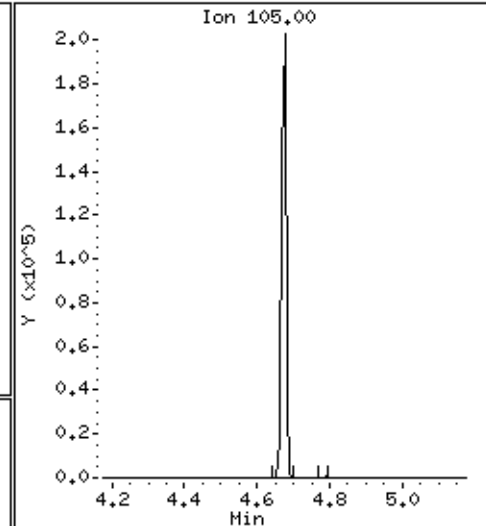
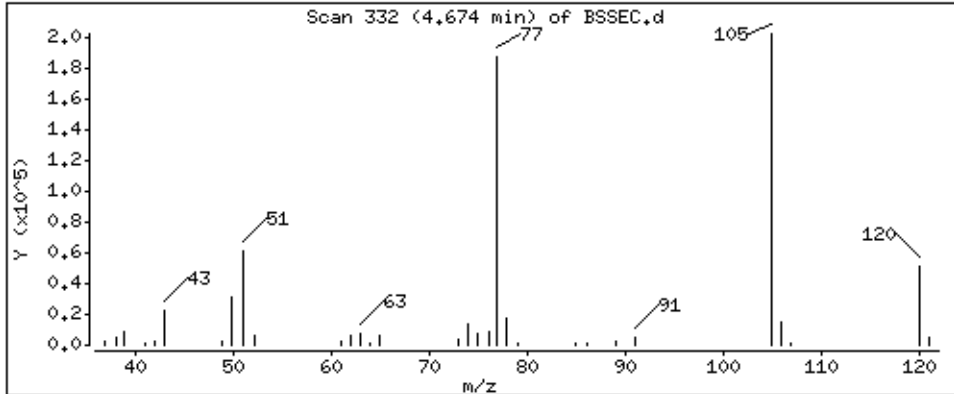
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

25 Acetophenone

Concentration: 45,2 ug/kg





Date : 15-NOV-2012 09:04

Client ID: BSSEC

Instrument: smsd04.i

Sample Info: 47969

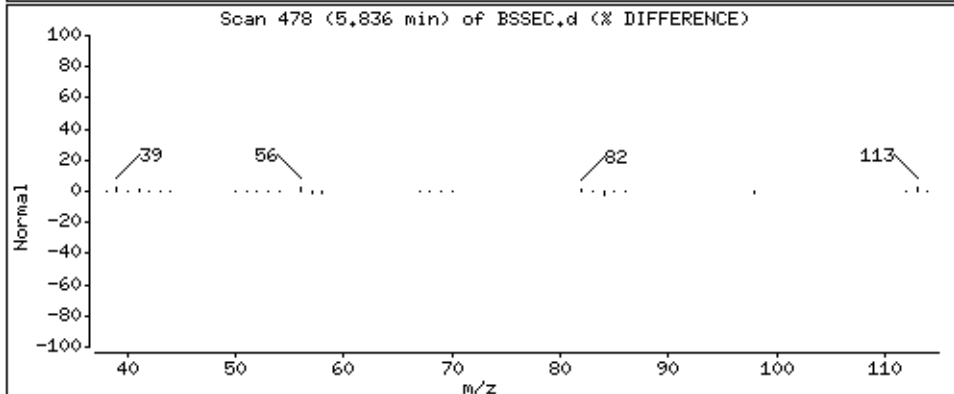
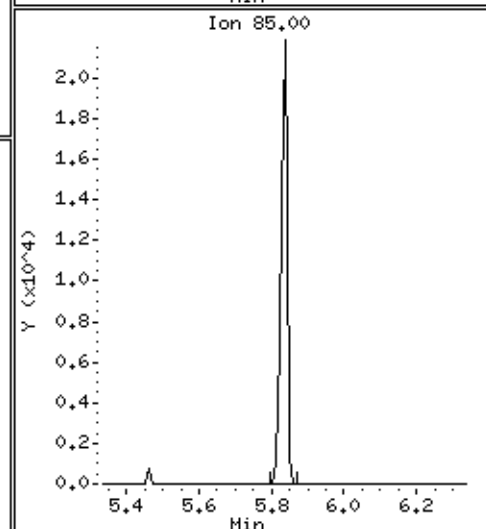
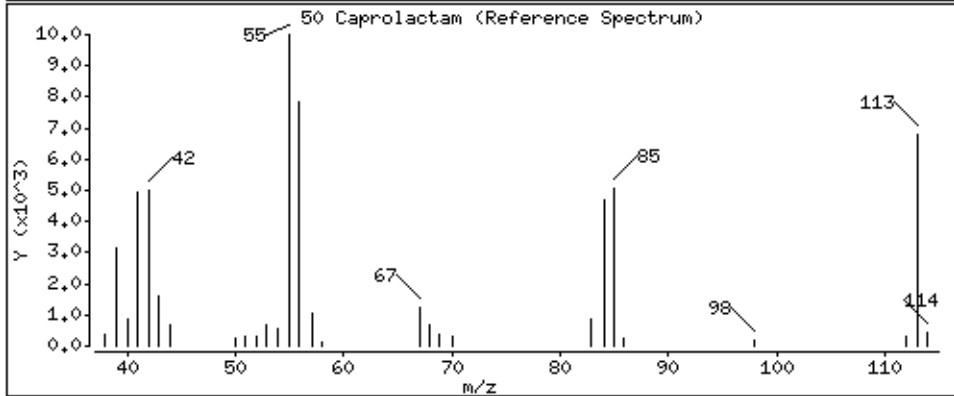
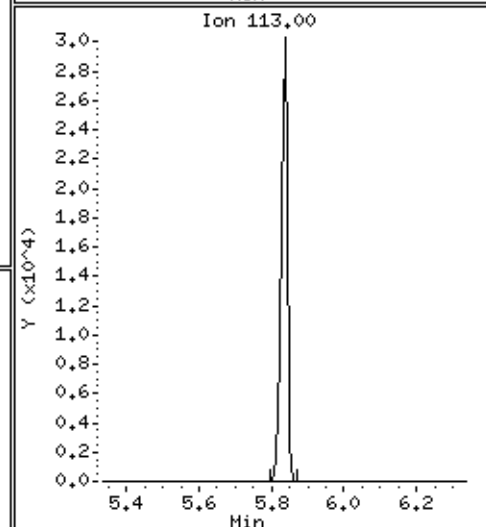
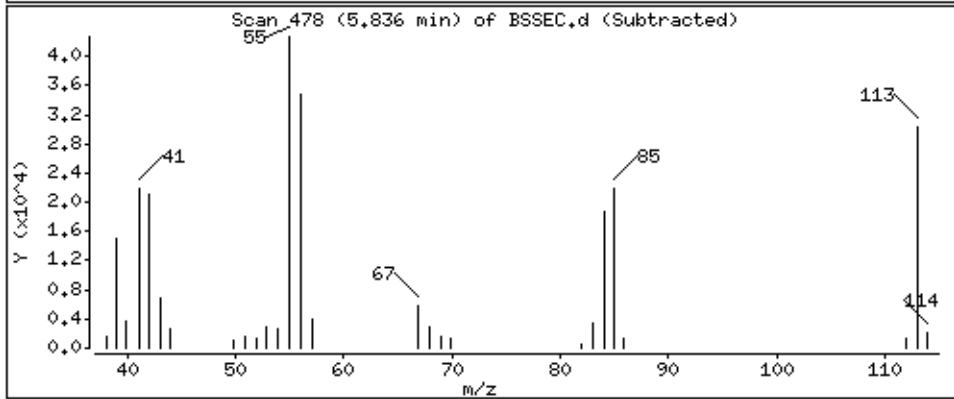
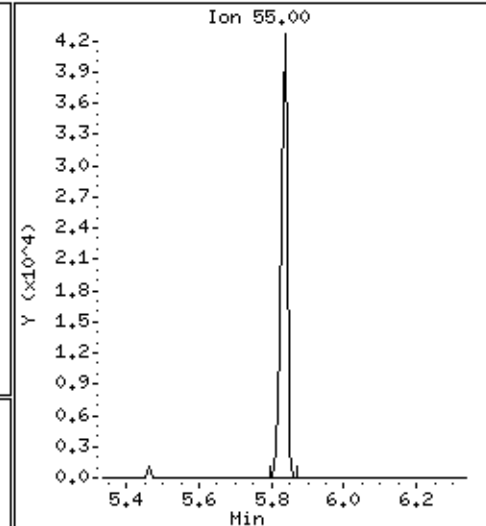
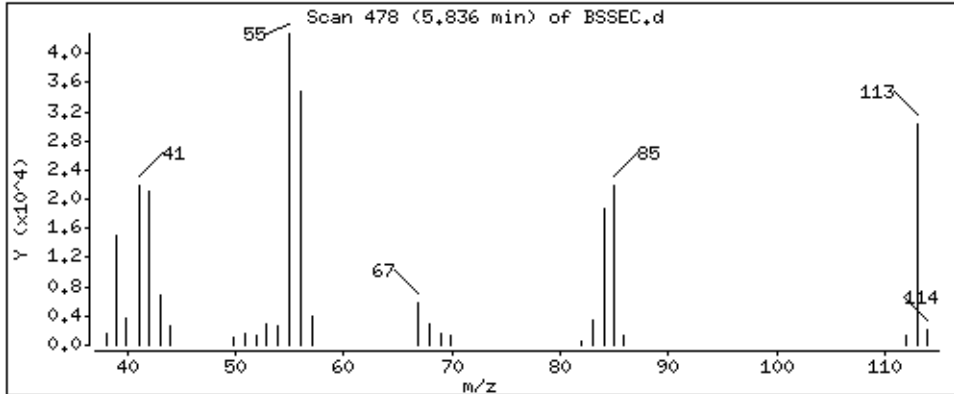
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

50 Caprolactam

Concentration: 48,7 ug/kg



Date : 15-NOV-2012 09:04

Client ID: BSSEC

Instrument: smsd04.i

Sample Info: 47969

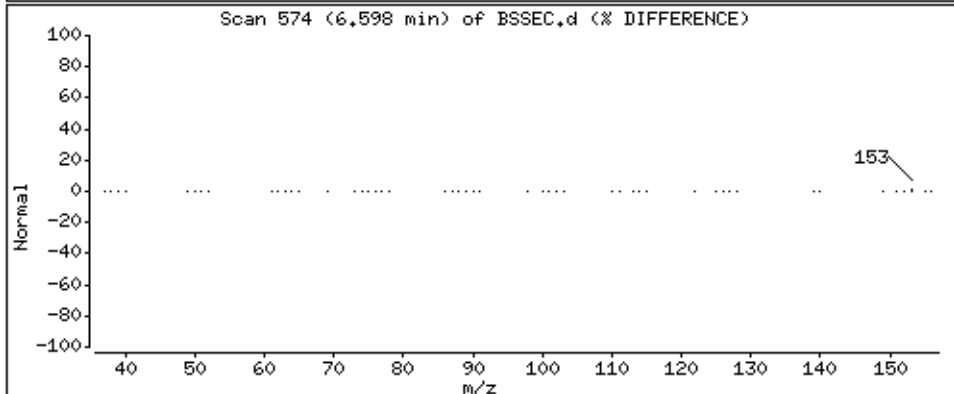
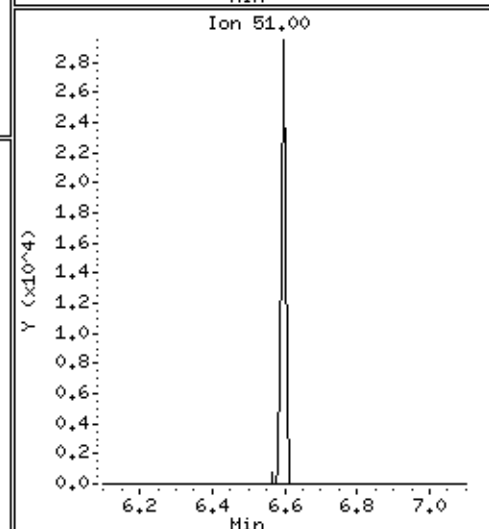
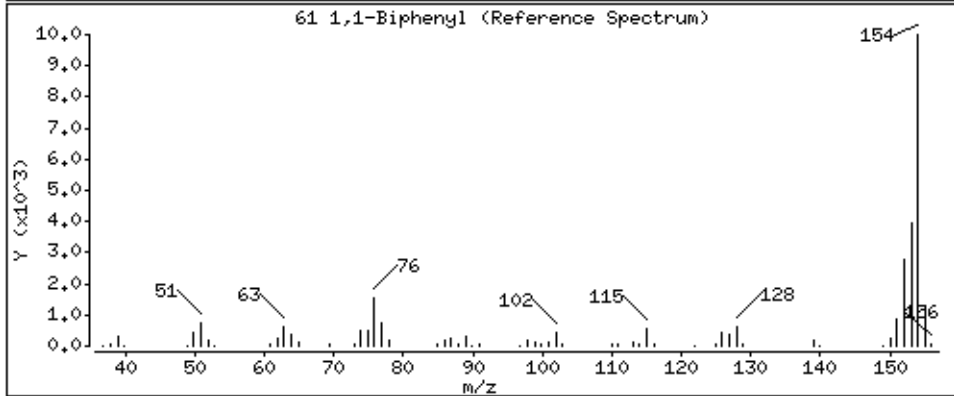
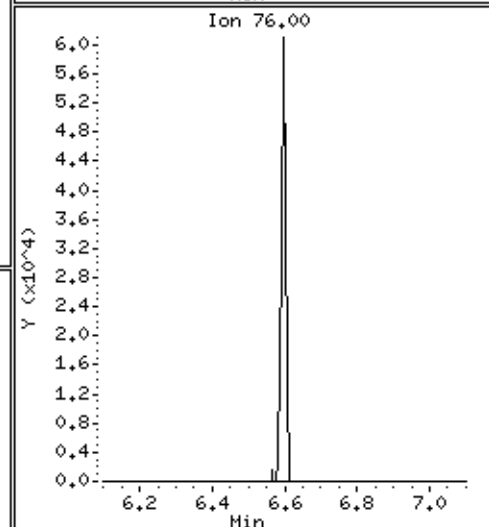
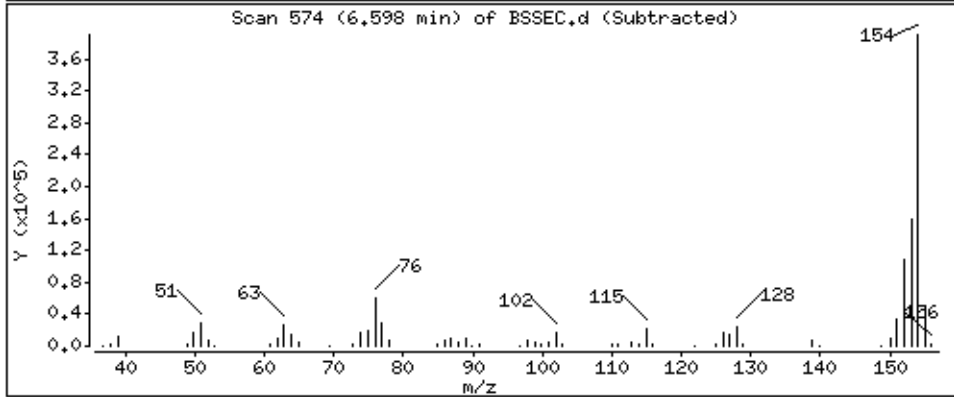
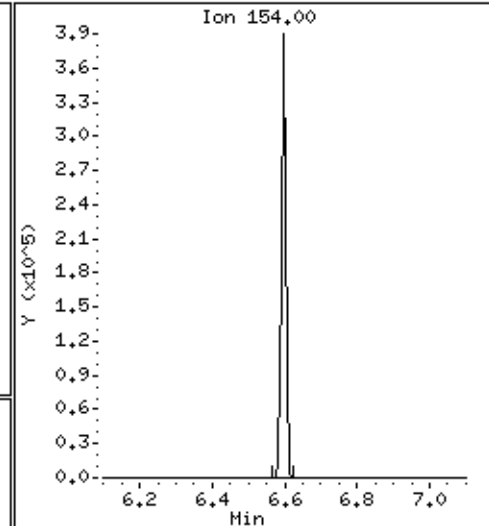
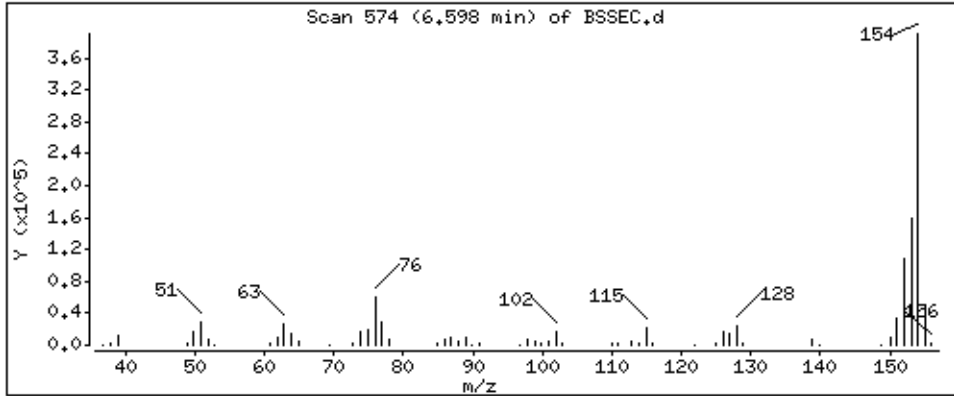
Operator: MJ

Column phase: HPHS-5

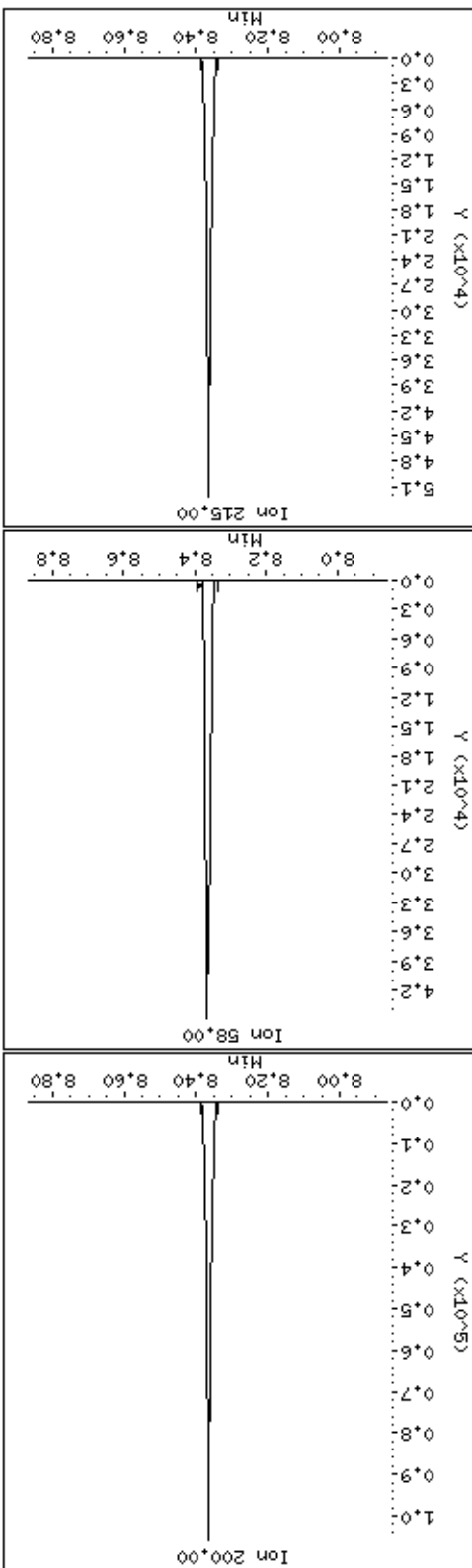
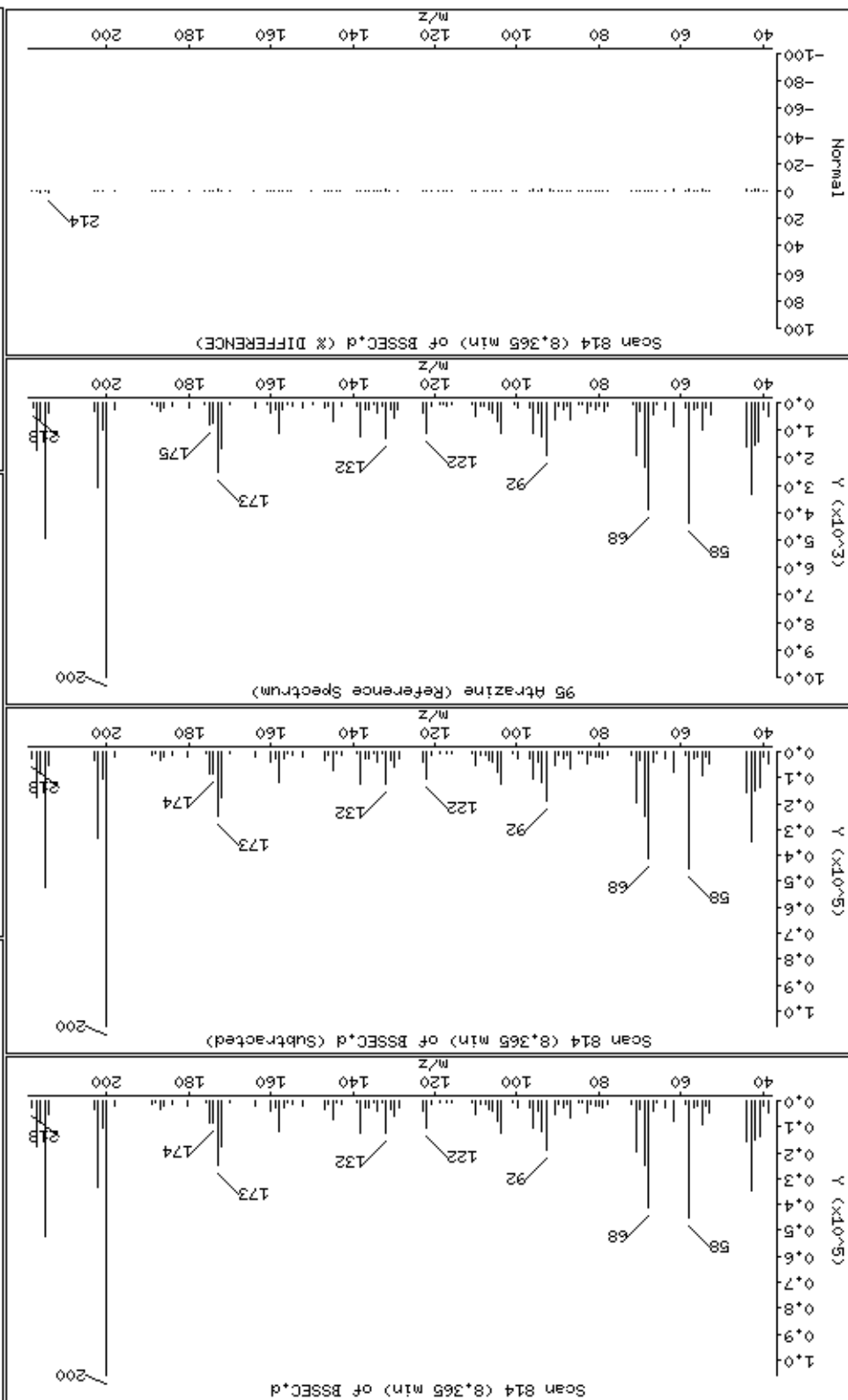
Column diameter: 0,25

61 1,1-Biphenyl

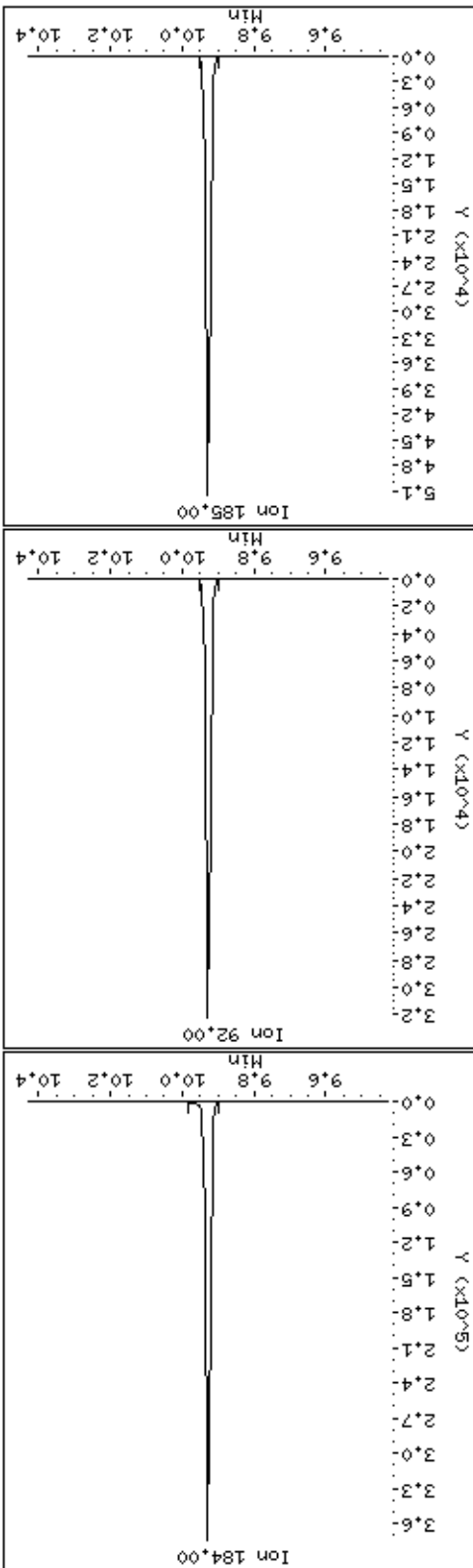
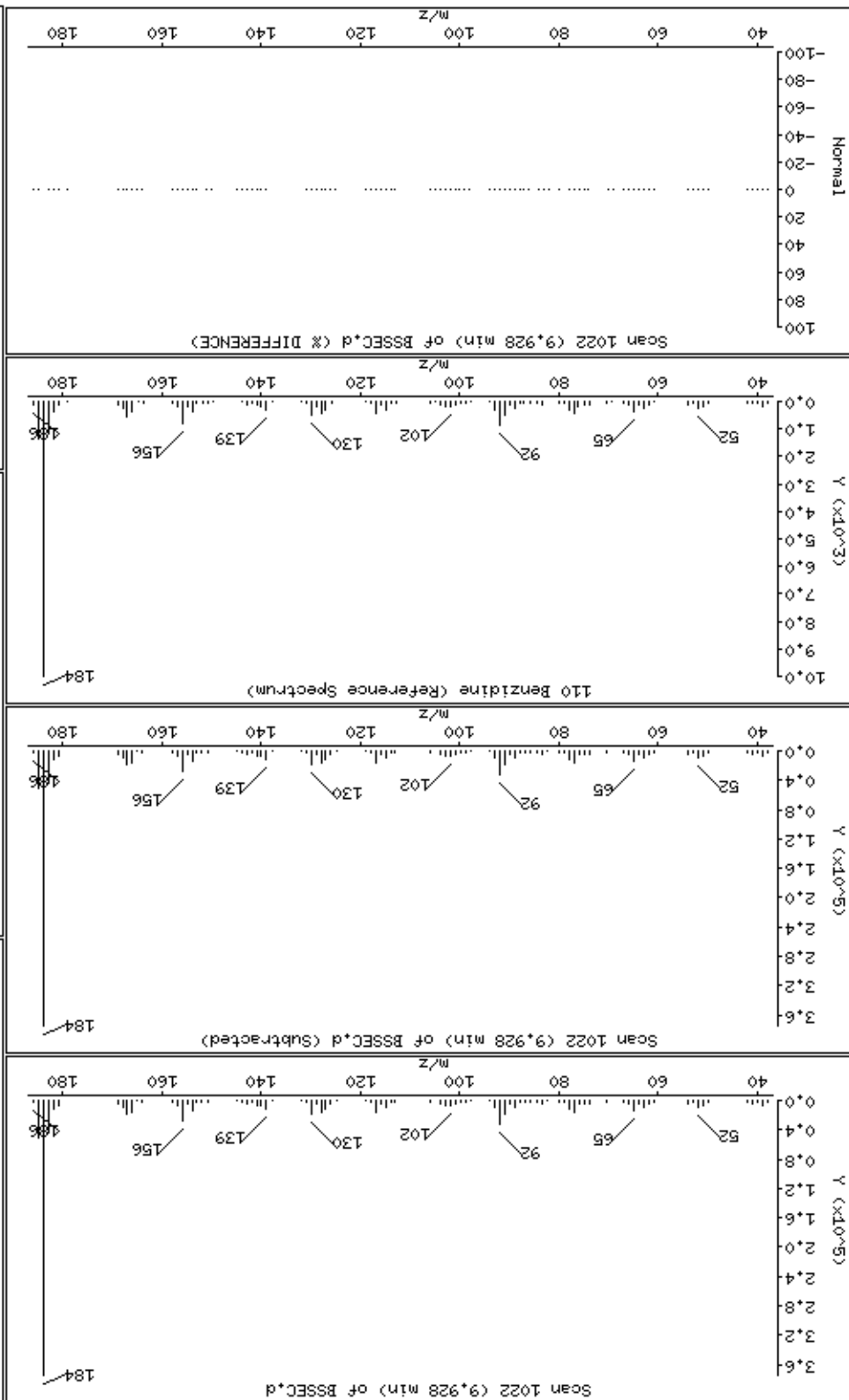
Concentration: 48,4 ug/kg



95 Atrazine



110 Benzidine



Date : 15-NOV-2012 09:04

Client ID: BSSEC

Instrument: smsd04.i

Sample Info: 47969

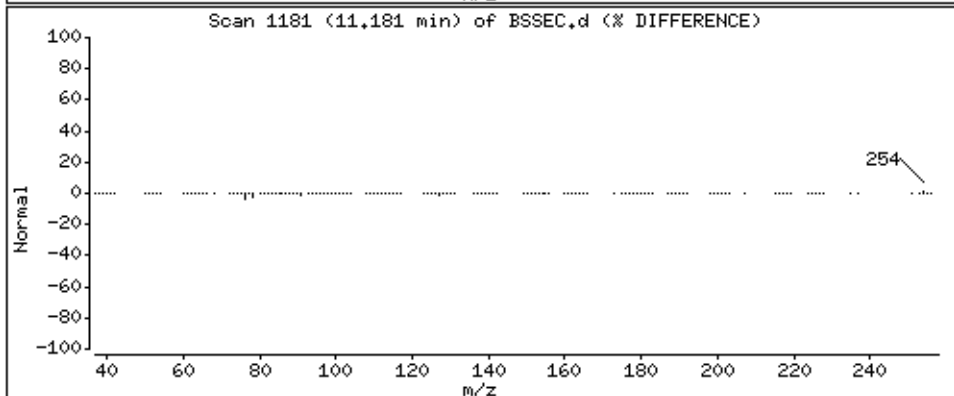
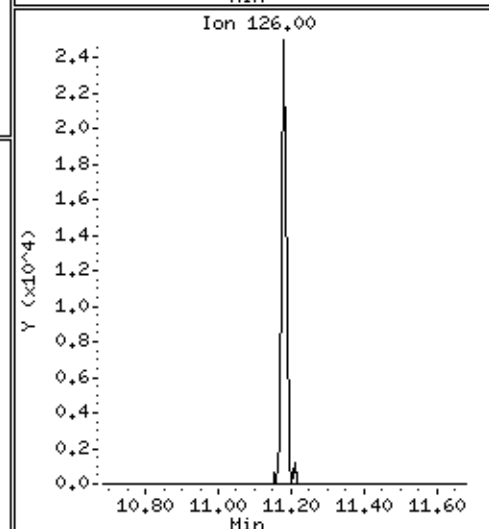
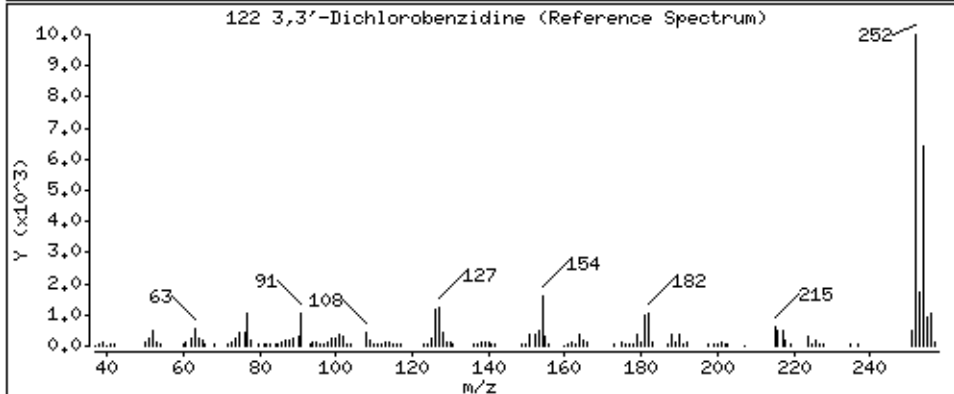
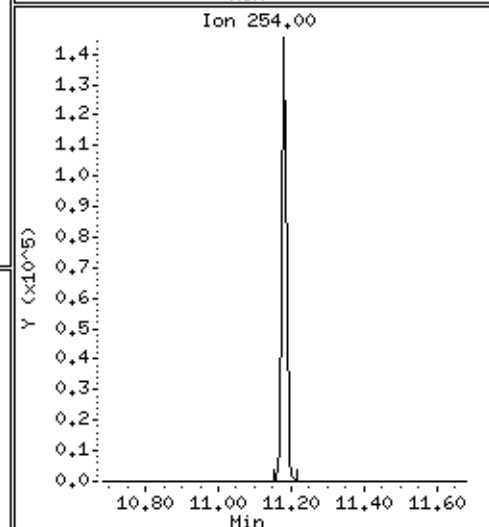
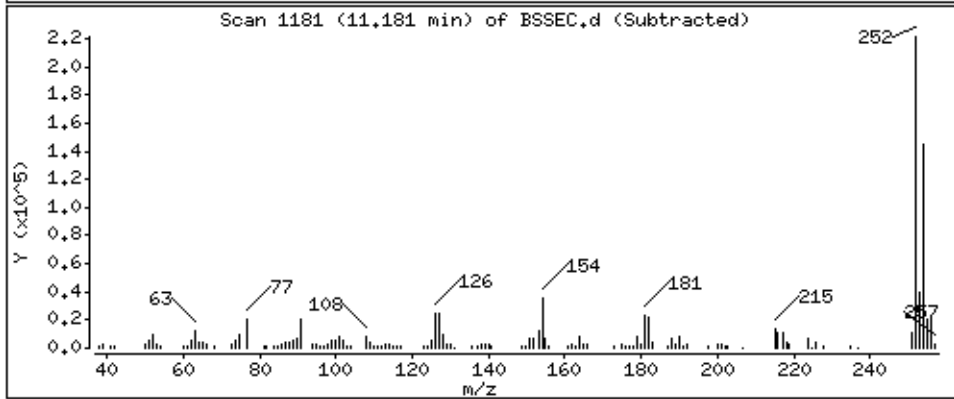
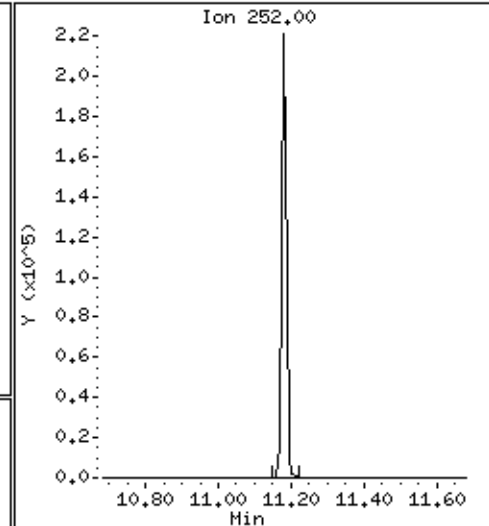
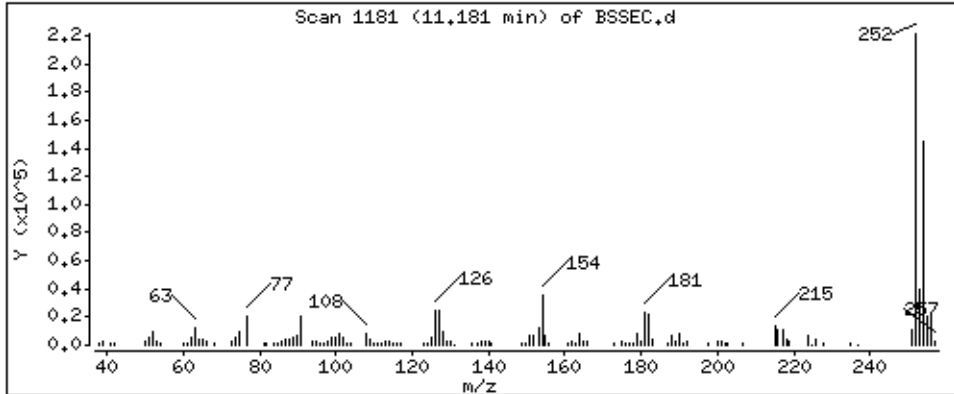
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

122 3,3'-Dichlorobenzidine

Concentration: 50,3 ug/kg



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\AP9CAL7.d  
 Lab Smp Id: 47933 Client Smp ID: AP9CAL7  
 Inj Date : 15-NOV-2012 09:25 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47933  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 09:25 Cal File: AP9CAL7.d  
 Als bottle: 41 Calibration Sample, Level: 7  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: ap9cal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
3 2- Picoline CAS #: 109-06-8									
2.786	2.786 ( 0.649)		93	362473	100.000	100	80.00- 120.00	100.00(A)	
2.786	2.785 ( 0.649)		66	177464			18.85- 78.85	48.96	
2.787	2.786 ( 0.649)		92	92577			0.00- 55.79	25.54	
4 N-Nitrosomethylethylamine CAS #: 10595-95-6									
2.895	2.892 ( 0.674)		88	157154	100.000	101	80.00- 120.00	100.00(A)	
2.894	2.893 ( 0.674)		43	109245			40.05- 100.05	69.51	
2.895	2.892 ( 0.674)		42	176667			84.22- 144.22	112.42	
5 Methyl Methanesulfonate CAS #: 66-27-3									
3.144	3.139 ( 0.732)		80	205212	100.000	96.7	80.00- 120.00	100.00	
3.144	3.139 ( 0.732)		79	132947			37.37- 97.37	64.79	
3.144	3.139 ( 0.732)		65	55932			0.00- 58.04	27.26	
7 N-Nitrosodiethylamine CAS #: 55-18-5									
3.450	3.445 ( 0.803)		102	159931	100.000	103	80.00- 120.00	100.00(A)	
3.450	3.444 ( 0.803)		42	138048			59.82- 119.82	86.32	
3.450	3.444 ( 0.803)		57	81749			22.61- 82.61	51.12	
8 Ethyl Methanesulfonate CAS #: 62-50-0									
3.697	3.691 ( 0.861)		79	265529	100.000	102	80.00- 120.00	100.00(A)	

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
8 Ethyl Methanesulfonate (continued)									
3.697	3.691	( 0.861)	109	149109			26.91-	86.91	56.16
3.697	3.691	( 0.861)	97	53408			0.00-	49.95	20.11
-----									
12 Pentachloroethane CAS #: 76-01-7									
4.048	4.048	( 0.942)	167	146756	100.000	103	80.00-	120.00	100.00(A)
4.048	4.048	( 0.942)	117	123365			54.61-	114.61	84.06
4.048	4.048	( 0.942)	130	56561			8.16-	68.16	38.54
-----									
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.295	4.294	( 1.000)	152	93164	40.0000		80.00-	120.00	100.00
4.295	4.294	( 1.000)	115	60221			34.81-	94.81	64.64
4.295	4.294	( 1.000)	150	146944			126.51-	186.51	157.73
-----									
24 N-Nitrosopyrrolidine CAS #: 930-55-2									
4.681	4.671	( 1.090)	100	179383	100.000	108	80.00-	120.00	100.00(A)
4.681	4.670	( 1.090)	41	162394			67.29-	127.29	90.53
4.682	4.671	( 1.090)	42	150005			56.85-	116.85	83.62
-----									
25 Acetophenone CAS #: 98-86-2									
4.678	4.675	( 0.856)	105	475563	100.000	101	80.00-	120.00	100.00(A)
4.678	4.675	( 0.856)	77	432528			60.51-	120.51	90.95
4.678	4.674	( 0.856)	51	142780			1.60-	61.60	30.02
-----									
27 N-Nitrosomorpholine CAS #: 59-89-2									
4.696	4.684	( 1.093)	56	216478	100.000	102	80.00-	120.00	100.00(A)
4.696	4.685	( 1.093)	116	70417			2.11-	62.11	32.53
4.696	4.684	( 1.093)	86	110512			18.75-	78.75	51.05
-----									
29 o-Toluidine CAS #: 95-53-4									
4.722	4.715	( 1.100)	106	499353	100.000	102	80.00-	120.00	100.00(AH)
4.722	4.715	( 1.100)	77	108487			0.00-	51.90	21.73
4.722	4.715	( 1.100)	107	372040			44.38-	104.38	74.50
-----									
33 N-Nitrosopiperidine CAS #: 100-75-4									
4.973	4.967	( 0.910)	114	152918	100.000	105	80.00-	120.00	100.00(A)
4.972	4.967	( 0.910)	42	222992			123.47-	183.47	145.82
4.972	4.967	( 0.910)	55	117807			53.49-	113.49	77.04
-----									
37 o,o,o-Triethylphosphorothioate CAS #: 126-68-1									
5.265	5.263	( 1.226)	198	194493	100.000	109	80.00-	120.00	100.00(A)
5.265	5.262	( 1.226)	97	157847			54.13-	114.13	81.16
5.264	5.262	( 1.226)	65	129470			38.00-	98.00	66.57
-----									
39 a,a-Dimethylphenethylamine CAS #: 122-09-8									
5.312	5.375	( 0.972)	58	761833	100.000	99.8	80.00-	120.00	100.00
5.312	5.375	( 0.972)	91	144057			0.00-	50.20	18.91
5.312	5.376	( 0.972)	65	75028			0.00-	36.52	9.85
-----									
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.465	5.463	( 1.000)	136	313743	40.0000		80.00-	120.00	100.00
5.464	5.463	( 1.000)	68	23293			0.00-	37.51	7.42
-----									

AMOUNTS								
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====
46 2,6-Dichlorophenol					CAS #: 87-65-0			
5.565	5.559	( 1.018)	162	278516	100.000	108	80.00- 120.00	100.00(A)
5.565	5.558	( 1.018)	63	193446			41.54- 101.54	69.46
5.565	5.559	( 1.018)	98	75902			0.00- 57.68	27.25
-----								
47 Hexachloropropene					CAS #: 1888-71-7			
5.598	5.597	( 1.024)	213	272272	100.000	110	80.00- 120.00	100.00(A)
5.599	5.597	( 1.024)	215	175203			34.38- 94.38	64.35
5.598	5.597	( 1.024)	117	70659			0.00- 55.68	25.95
-----								
49 N-Nitrosodi-n-butylamine					CAS #: 924-16-3			
5.894	5.890	( 1.078)	84	266101	100.000	105	80.00- 120.00	100.00(A)
5.894	5.890	( 1.078)	57	190650			42.68- 102.68	71.65
5.893	5.889	( 1.078)	41	157758			32.37- 92.37	59.29
-----								
52 Isosafrole					CAS #: 120-58-1			
6.066	6.066	( 1.110)	162	248685	100.000	106	80.00- 120.00	100.00(AM)
6.066	6.066	( 1.110)	104	177364			42.25- 102.25	71.32
6.066	6.066	( 1.110)	131	125669			19.87- 79.87	50.53
-----								
56 1,2,4,5-Tetrachlorobenzene					CAS #: 95-94-3			
6.343	6.340	( 0.885)	216	355838	100.000	105	80.00- 120.00	100.00(A)
6.343	6.340	( 0.885)	214	281423			49.18- 109.18	79.09
6.343	6.339	( 0.885)	108	71595			0.00- 50.98	20.12
-----								
60 Safrole					CAS #: 94-59-7			
6.559	6.558	( 1.200)	162	220280	100.000	107	80.00- 120.00	100.00(A)
6.559	6.558	( 1.200)	104	135216			32.30- 92.30	61.38
6.559	6.557	( 1.200)	77	78798			6.02- 66.02	35.77
-----								
64 1,4-Naphthoquinone					CAS #: 130-15-4			
6.786	6.782	( 0.947)	158	221883	100.000	104	80.00- 120.00	100.00(A)
6.786	6.782	( 0.947)	102	195005			56.55- 116.55	87.89
6.786	6.782	( 0.947)	130	105480			19.11- 79.11	47.54
-----								
66 1,3-Dinitrobenzene					CAS #: 99-65-0			
6.964	6.959	( 0.971)	168	112629	100.000	105	80.00- 120.00	100.00(A)
6.963	6.958	( 0.971)	75	139620			91.84- 151.84	123.96
6.963	6.958	( 0.971)	50	108065			68.52- 128.52	95.95
-----								
* 70 Acenaphthene-d10					CAS #: 15067-26-2			
7.169	7.167	( 1.000)	164	204112	40.0000		80.00- 120.00	100.00
7.169	7.168	( 1.000)	162	195513			66.12- 126.12	95.79
7.169	7.167	( 1.000)	160	88670			13.21- 73.21	43.44
-----								
73 Pentachlorobenzene					CAS #: 608-93-5			
7.378	7.376	( 1.029)	250	333527	100.000	107	80.00- 120.00	100.00(A)
7.379	7.376	( 1.029)	252	212726			34.86- 94.86	63.78
7.378	7.375	( 1.029)	108	96369			0.00- 59.93	28.89
-----								
77 1-Naphthylamine					CAS #: 134-32-7			
7.439	7.433	( 1.038)	143	576963	100.000	103	80.00- 120.00	100.00(A)
7.439	7.433	( 1.038)	115	302926			24.25- 84.25	52.50



AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
77 1-Naphthylamine (continued)									
7.438	7.434	( 1.038)	89	59657			0.00-	40.79	10.34
-----									
78 2,3,4,6-Tetrachlorophenol CAS #: 58-90-2									
7.519	7.514	( 1.049)	232	200596	100.000	115	80.00-	120.00	100.00(A)
7.519	7.514	( 1.049)	168	58507			0.00-	58.61	29.17
7.519	7.513	( 1.049)	131	94220			18.06-	78.06	46.97
-----									
79 2-Naphthylamine CAS #: 91-59-8									
7.510	7.505	( 1.048)	143	631453	100.000	100	80.00-	120.00	100.00(A)
7.510	7.504	( 1.048)	115	336965			24.63-	84.63	53.36
7.510	7.505	( 1.048)	116	143450			0.00-	52.80	22.72
-----									
83 5-Nitro-ortho-toluidine CAS #: 99-55-8									
7.738	7.731	( 1.079)	152	193932	100.000	103	80.00-	120.00	100.00(A)
7.738	7.731	( 1.079)	106	152689			49.62-	109.62	78.73
7.737	7.731	( 1.079)	77	230885			86.78-	146.78	119.05
-----									
90 1,3,5-Trinitrobenzene CAS #: 99-35-4									
8.121	8.109	( 1.133)	75	451960	100.000	98.9	80.00-	120.00	100.00
8.121	8.109	( 1.133)	74	270421			29.31-	89.31	59.83
8.121	8.110	( 1.133)	213	172778			6.52-	66.52	38.23
-----									
89 Diallate CAS #: 2303-16-4									
8.139	8.132	( 1.135)	86	349581	100.000	104	80.00-	120.00	100.00(AM)
8.132	8.132	( 1.134)	43	415495			64.61-	124.61	118.86
8.139	8.132	( 1.135)	234	161808			1.00-	61.00	46.29
-----									
92 Phenacetin CAS #: 62-44-2									
8.165	8.150	( 0.948)	109	427005	100.000	109	80.00-	120.00	100.00(A)
8.165	8.150	( 0.948)	108	409759			70.78-	130.78	95.96
8.165	8.150	( 0.948)	179	217254			22.17-	82.17	50.88
-----									
91 p-Phenylenediamine CAS #: 106-50-3									
8.165	8.150	( 0.948)	108	412540	100.000	108	80.00-	120.00	100.00(A)
8.165	8.150	( 0.948)	80	89313			0.00-	51.04	21.65
8.164	8.149	( 0.948)	53	57190			0.00-	43.69	13.86
-----									
97 Pentachloronitrobenzene CAS #: 82-68-8									
8.562	8.560	( 0.994)	237	126873	100.000	109	80.00-	120.00	100.00(A)
8.562	8.560	( 0.995)	295	45360			6.13-	66.13	35.75
8.562	8.559	( 0.994)	142	83582			37.48-	97.48	65.88
-----									
98 4-Aminobiphenyl CAS #: 92-67-1									
8.432	8.425	( 0.979)	169	755700	100.000	104	80.00-	120.00	100.00(A)
8.432	8.425	( 0.979)	168	163121			0.00-	51.69	21.59
8.431	8.424	( 0.979)	115	88210			0.00-	41.29	11.67
-----									
99 Pronamide CAS #: 23950-58-5									
8.529	8.523	( 0.991)	173	383749	100.000	111	80.00-	120.00	100.00(A)
8.529	8.523	( 0.991)	175	253873			37.21-	97.21	66.16
8.529	8.523	( 0.991)	145	138447			6.07-	66.07	36.08
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.609	8.604	( 1.000)	188	363903	40.0000		80.00-	120.00	100.00
8.609	8.604	( 1.000)	94	38879			0.00-	40.39	10.68
8.609	8.603	( 1.000)	80	40620			0.00-	41.55	11.16
-----									
102 Dinoseb						CAS #: 88-85-7			
8.670	8.663	( 1.007)	211	210610	100.000	101	80.00-	120.00	100.00(AM)
8.670	8.663	( 1.007)	163	95176			16.26-	76.26	45.19
8.670	8.663	( 1.007)	117	59074			0.00-	57.53	28.05
-----									
106 4-Nitroquinoline-1-oxide						CAS #: 56-57-5			
8.529	8.525	( 0.991)	174	37099	100.000	110	80.00-	120.00	100.00(A)
8.532	8.517	( 0.991)	128	346			0.00-	30.00	0.93
8.529	8.517	( 0.991)	101	1738			0.00-	30.00	4.68
-----									
107 Methapyrilene						CAS #: 91-80-5			
9.511	9.510	( 1.105)	97	635923	100.000	97.6	80.00-	120.00	100.00
9.511	9.510	( 1.105)	58	799187			97.04-	157.04	125.67
9.511	9.510	( 1.105)	191	87249			0.00-	44.49	13.72
-----									
108 Isodrin						CAS #: 465-73-6			
9.671	9.669	( 1.123)	193	141763	100.000	109	80.00-	120.00	100.00(A)
9.671	9.668	( 1.123)	66	113468			53.06-	113.06	80.04
9.672	9.669	( 1.123)	195	123348			59.05-	119.05	87.01
-----									
113 Aramite						CAS #: 140-57-8			
10.261	10.261	( 0.915)	185	172016	100.000	111	80.00-	120.00	100.00(AM)
10.261	10.182	( 0.915)	191	84281			18.05-	78.05	49.00
10.190	10.182	( 0.909)	319	44493			0.00-	55.81	25.87
-----									
114 p-Dimethylamino azobenzene						CAS #: 60-11-7			
10.339	10.334	( 0.922)	225	279708	100.000	110	80.00-	120.00	100.00(A)
10.339	10.334	( 0.922)	120	376461			107.72-	167.72	134.59
10.339	10.334	( 0.922)	77	259619			69.64-	129.64	92.82
-----									
115 Chlorobenzilate						CAS #: 510-15-6			
10.391	10.388	( 0.927)	251	390951	100.000	110	80.00-	120.00	100.00(A)
10.391	10.388	( 0.927)	253	249089			35.05-	95.05	63.71
10.390	10.388	( 0.927)	139	445148			88.99-	148.99	113.86
-----									
116 Kepone						CAS #: 143-50-0			
10.722	10.690	( 0.956)	272	91015	100.000	90.4	80.00-	120.00	100.00(M)
10.722	10.690	( 0.956)	274	73359			51.38-	111.38	80.60
10.944	10.690	( 0.976)	237	96973			13.59-	73.59	106.55
-----									
117 3,3-Dimethylbenzidine						CAS #: 119-93-7			
10.658	10.657	( 0.951)	212	569199	100.000	90.6	80.00-	120.00	100.00
10.658	10.656	( 0.951)	106	54801			0.00-	39.77	9.63
10.658	10.657	( 0.951)	180	44352			0.00-	38.39	7.79
-----									
119 2-Acetylaminofluorene						CAS #: 53-96-3			
10.927	10.920	( 0.975)	181	525671	100.000	98.2	80.00-	120.00	100.00
10.927	10.920	( 0.975)	223	293411			22.99-	82.99	55.82

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
119 2-Acetylaminofluorene (continued)									
10.927	10.920	( 0.975)	180	429836			47.24-	107.24	81.77
-----									
* 121 Chrysene-d12					CAS #: 1719-03-5				
11.210	11.211	( 1.000)	240	392839	40.0000		80.00-	120.00	100.00
11.209	11.210	( 1.000)	120	40581			0.00-	40.02	10.33
11.210	11.210	( 1.000)	236	95833			0.00-	54.50	24.39
-----									
126 7,12-Dimethylbenz(a)anthracen					CAS #: 57-97-6				
12.213	12.210	( 0.975)	256	532185	100.000	113	80.00-	120.00	100.00(A)
12.213	12.210	( 0.975)	241	293358			24.64-	84.64	55.12
12.213	12.210	( 0.975)	239	247870			16.31-	76.31	46.58
-----									
* 130 Perylene-d12					CAS #: 1520-96-3				
12.531	12.532	( 1.000)	264	356515	40.0000		80.00-	120.00	100.00
12.531	12.533	( 1.000)	260	78547			0.00-	52.70	22.03
12.532	12.532	( 1.000)	265	77474			0.00-	52.11	21.73
-----									
131 3-Methylcholanthrene					CAS #: 56-49-5				
12.826	12.822	( 1.023)	268	372828	100.000	109	80.00-	120.00	100.00(A)
12.826	12.821	( 1.023)	252	159198			13.86-	73.86	42.70
12.826	12.822	( 1.023)	253	142652			11.25-	71.25	38.26
-----									
132 Dibenz(a,j)acridine					CAS #: 224-42-0				
13.376	13.369	( 1.067)	279	781076	100.000	105	80.00-	120.00	100.00(A)
13.376	13.369	( 1.067)	280	179357			0.00-	52.83	22.96
13.376	13.369	( 1.067)	277	115459			0.00-	44.54	14.78
-----									

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

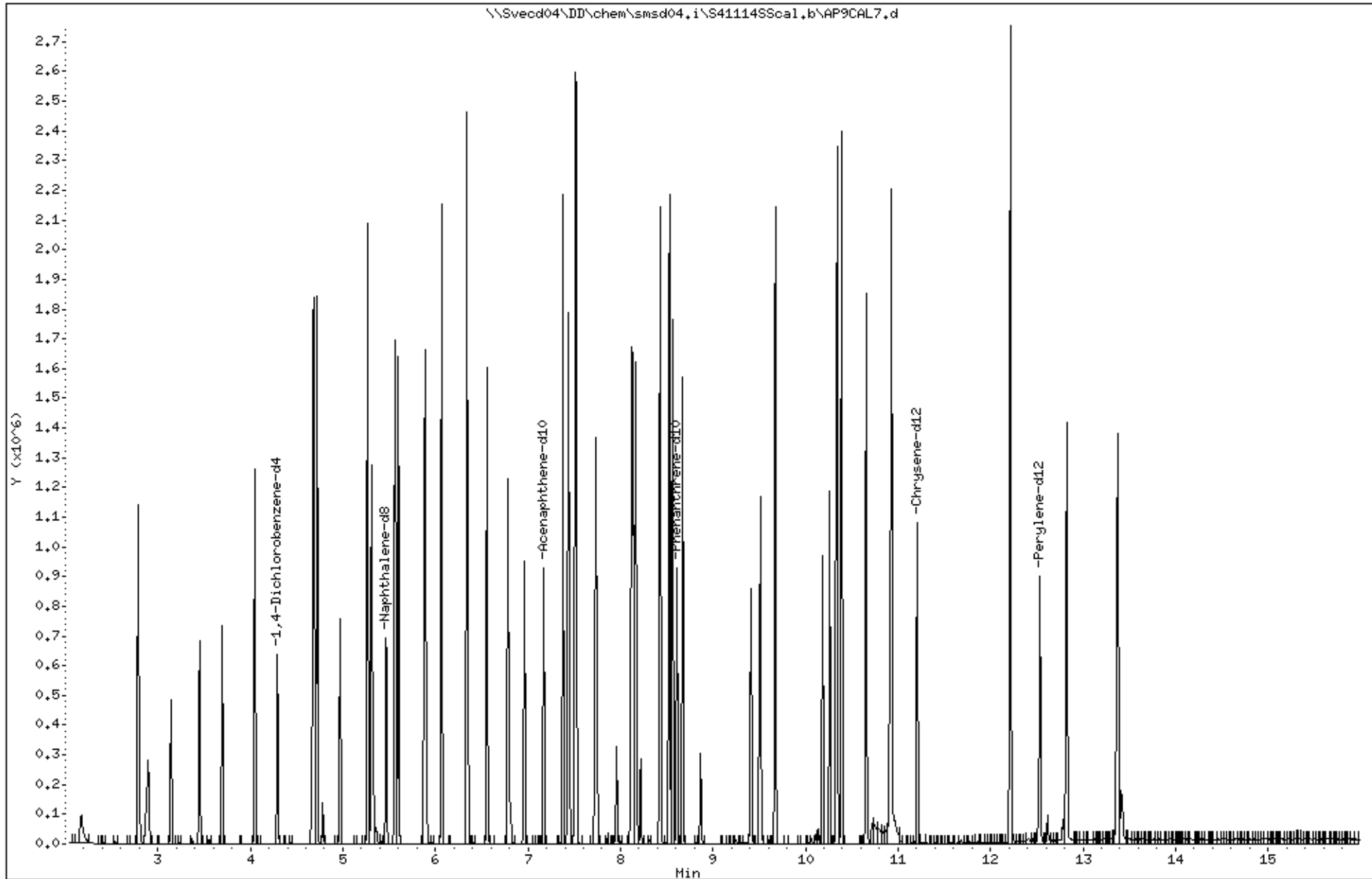
Sample Info: 47933

Instrument: smsd04.i

Operator: MJ

Column diameter: 0.25

Column phase: HPMS-5



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

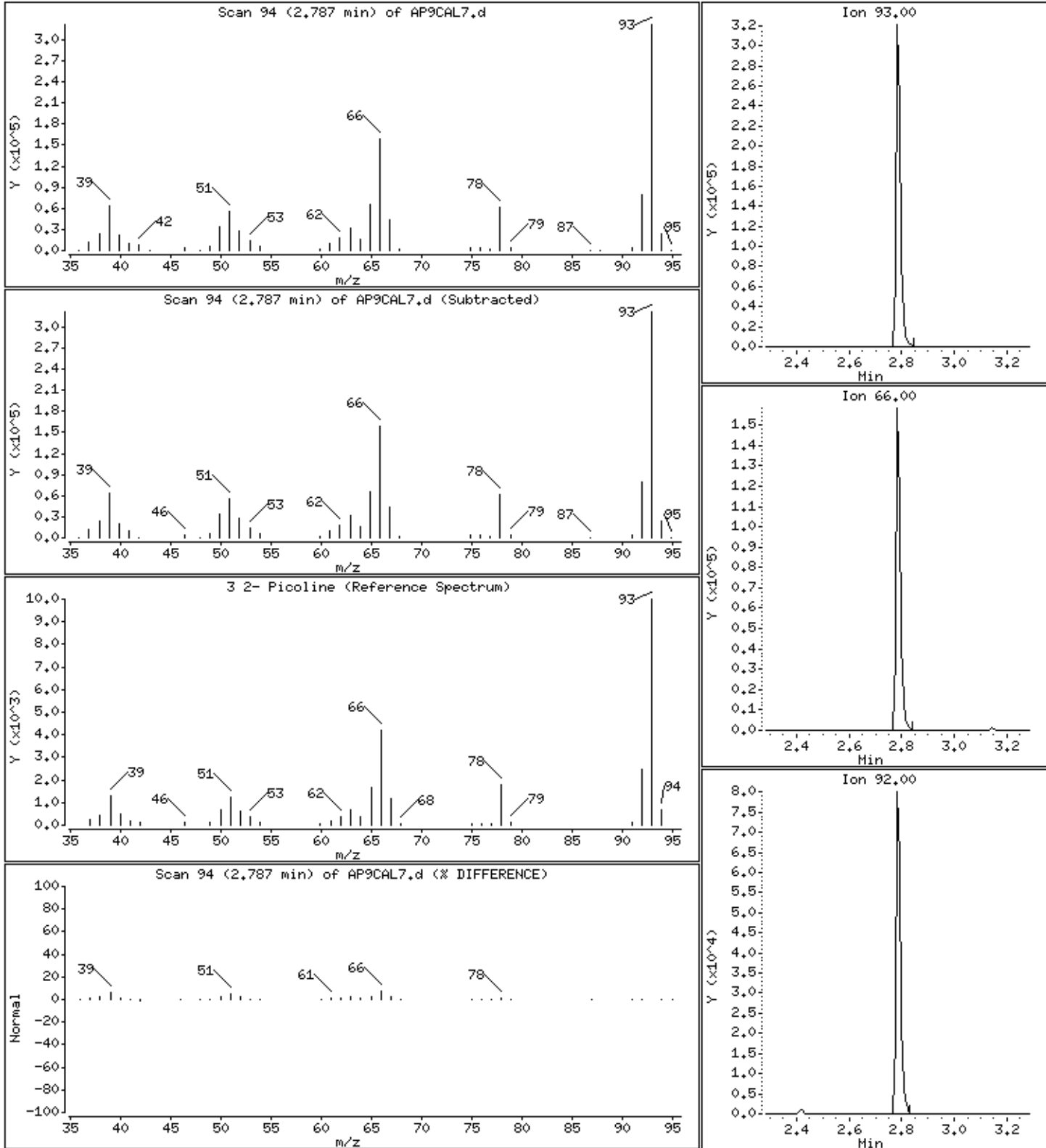
Operator: MJ

Column phase: HPMS-5

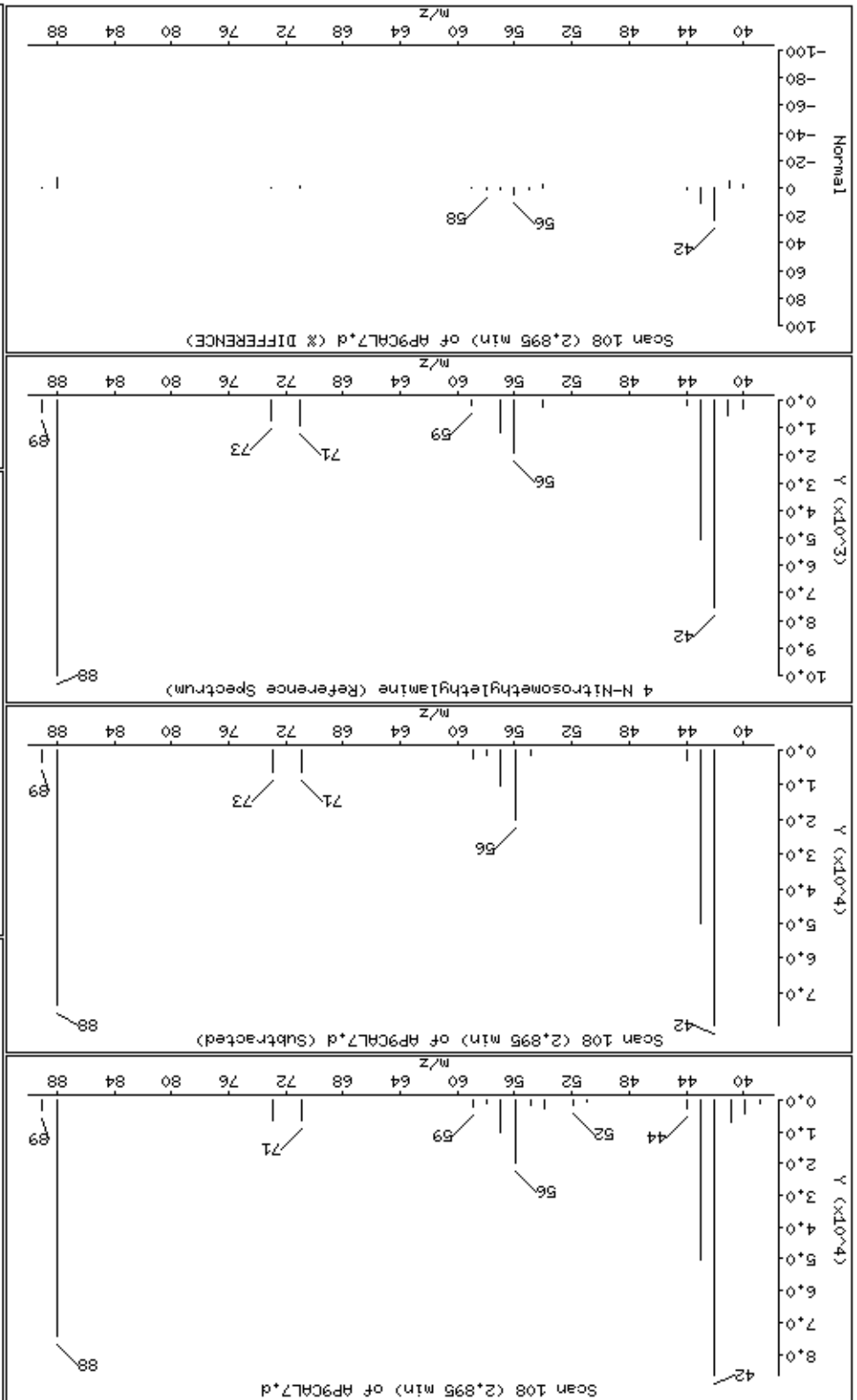
Column diameter: 0,25

3 2- Picoline

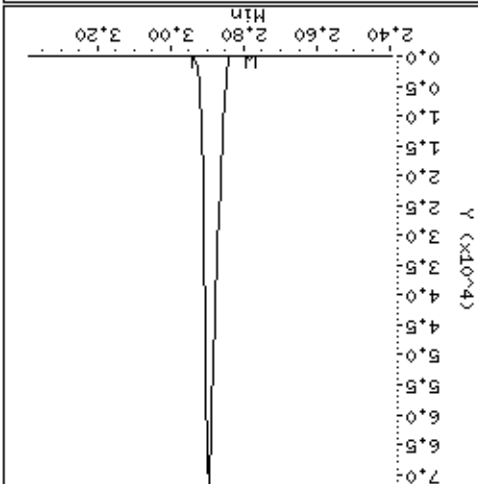
Concentration: 100 ug/kg



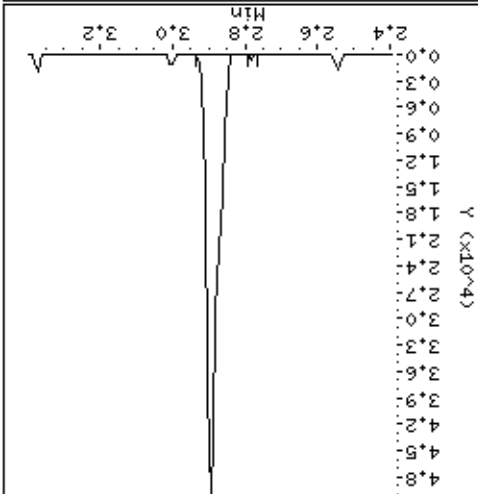
4-N-Nitrosomethylethylamine



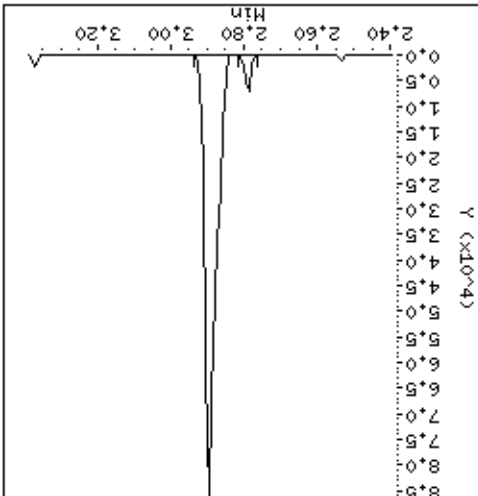
Ion 88.00



Ion 43.00



Ion 42.00



Date: 15-NOV-2012 09:25

Client ID: AP9CAL7

Sample Info: 47933

Operator: MJ

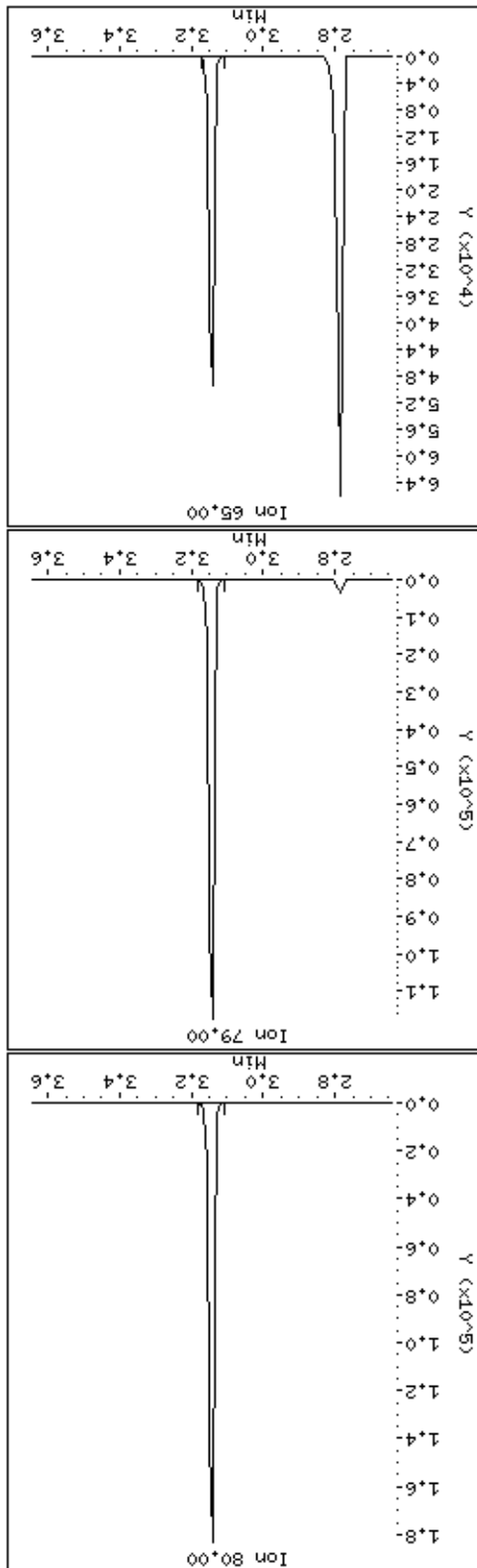
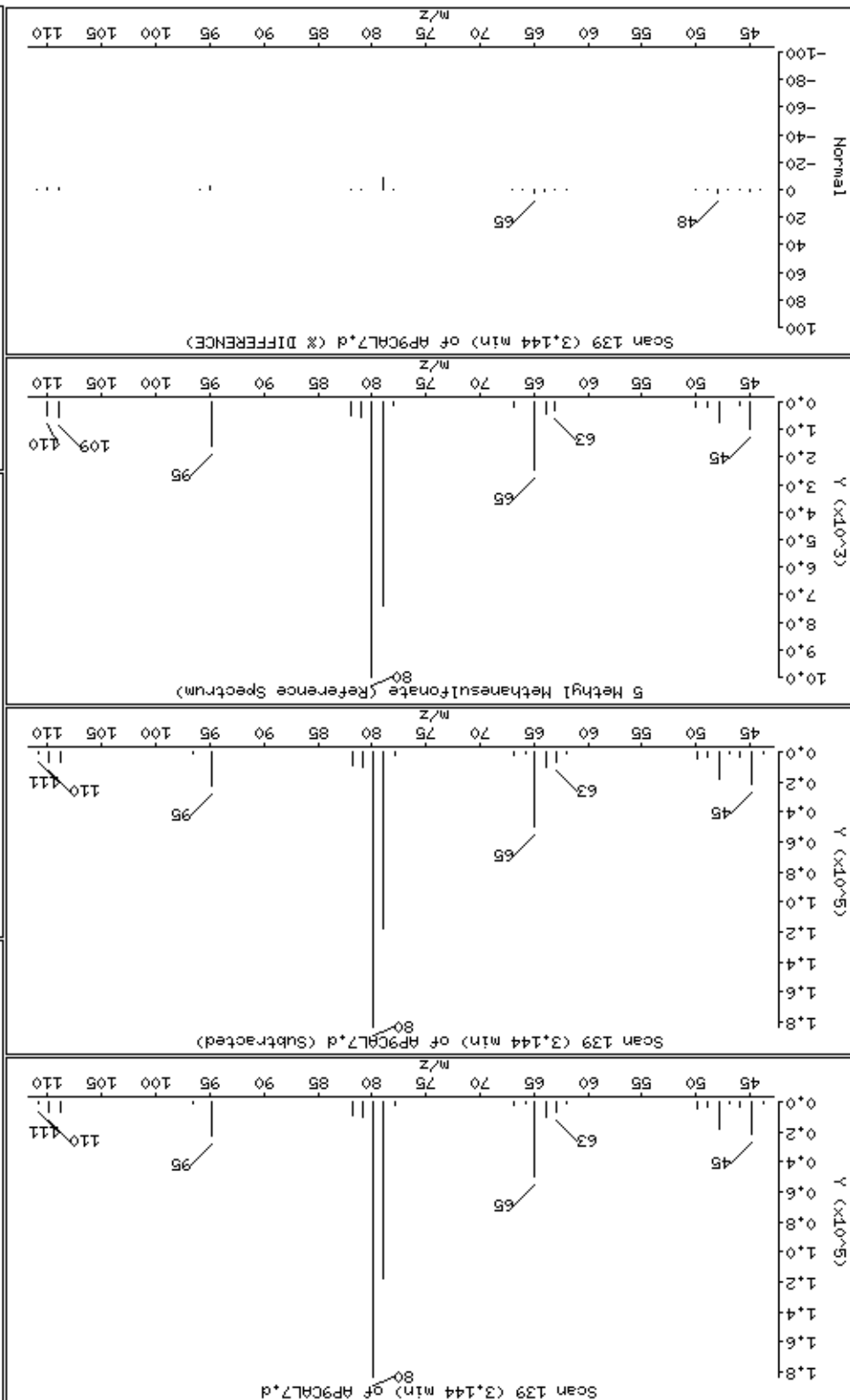
Column diameter: 0.25

Concentration: 96.7 ug/kg

Instrument: smsd04.1

5 Methyl Methanesulfonate

Column phase: HPMS-5



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

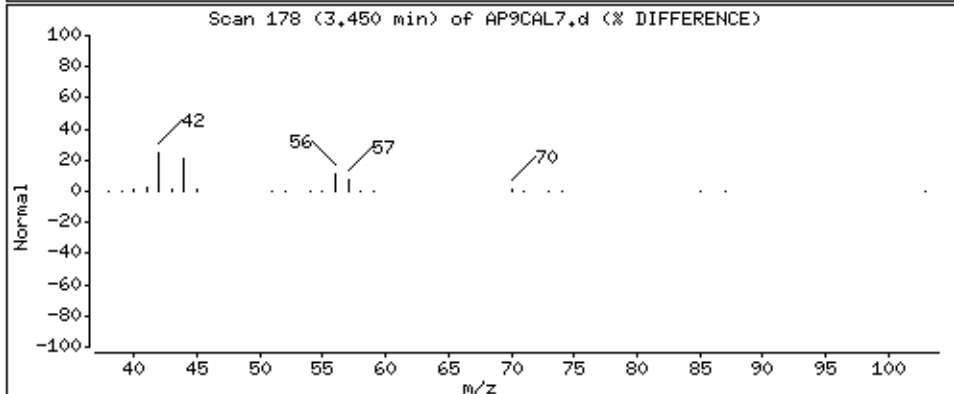
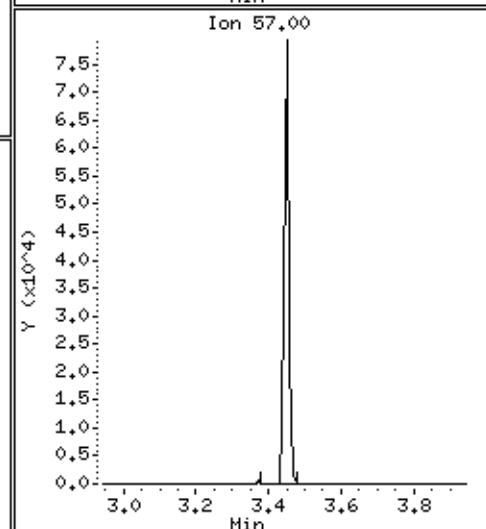
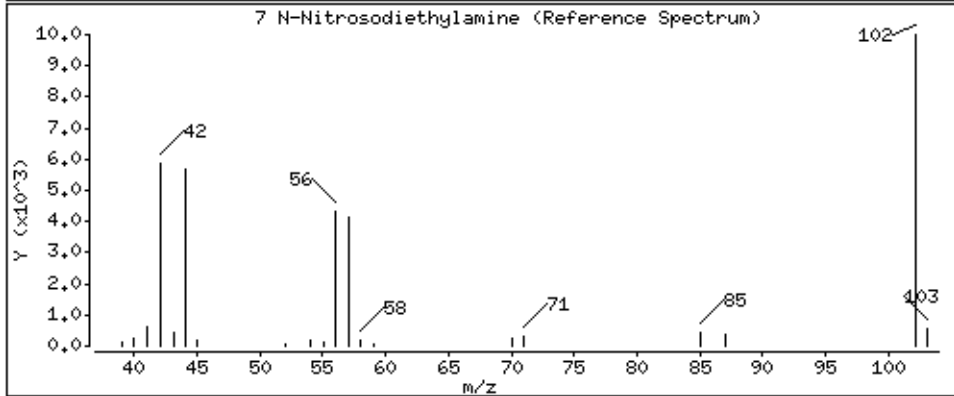
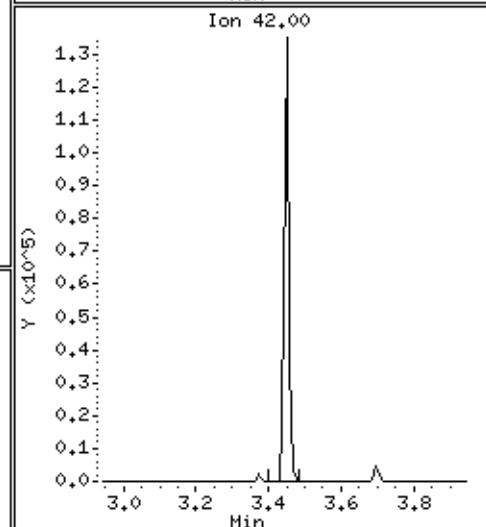
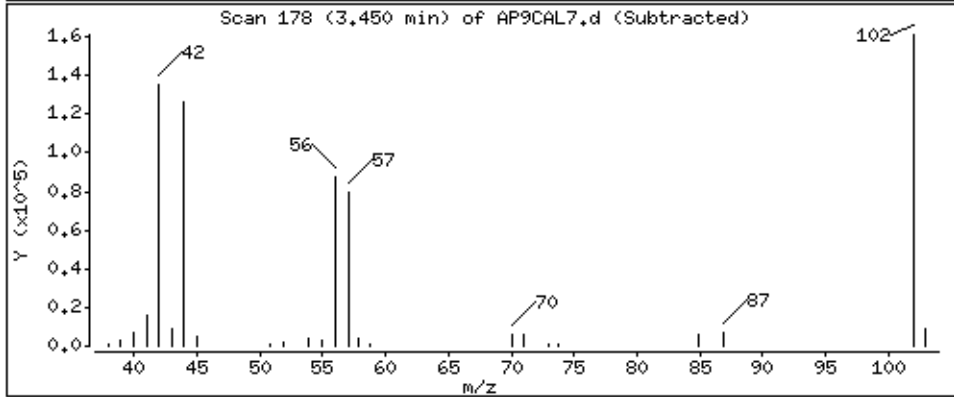
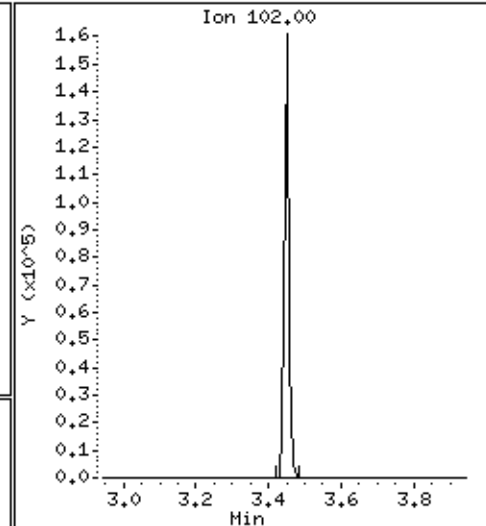
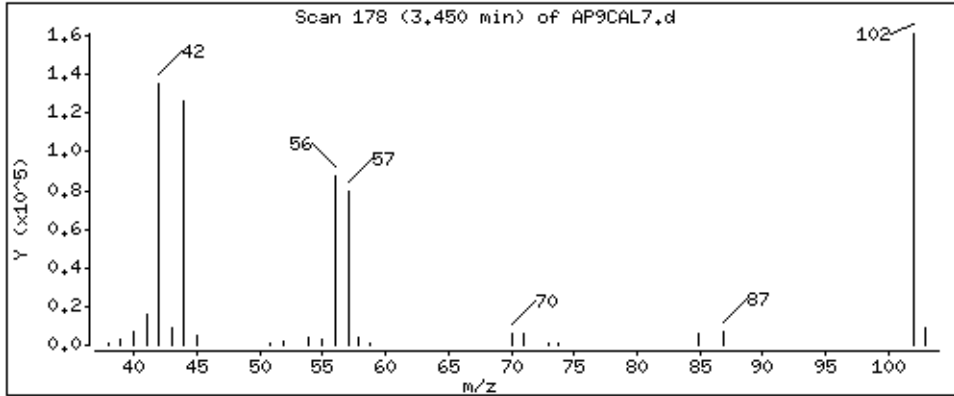
Operator: MJ

Column phase: HPHS-5

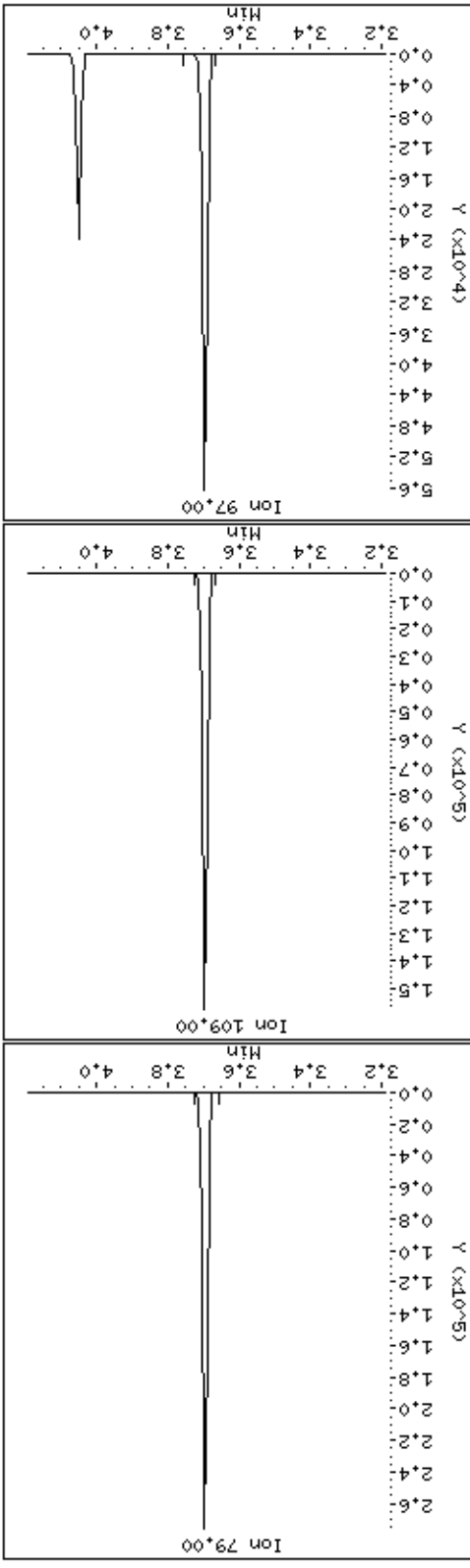
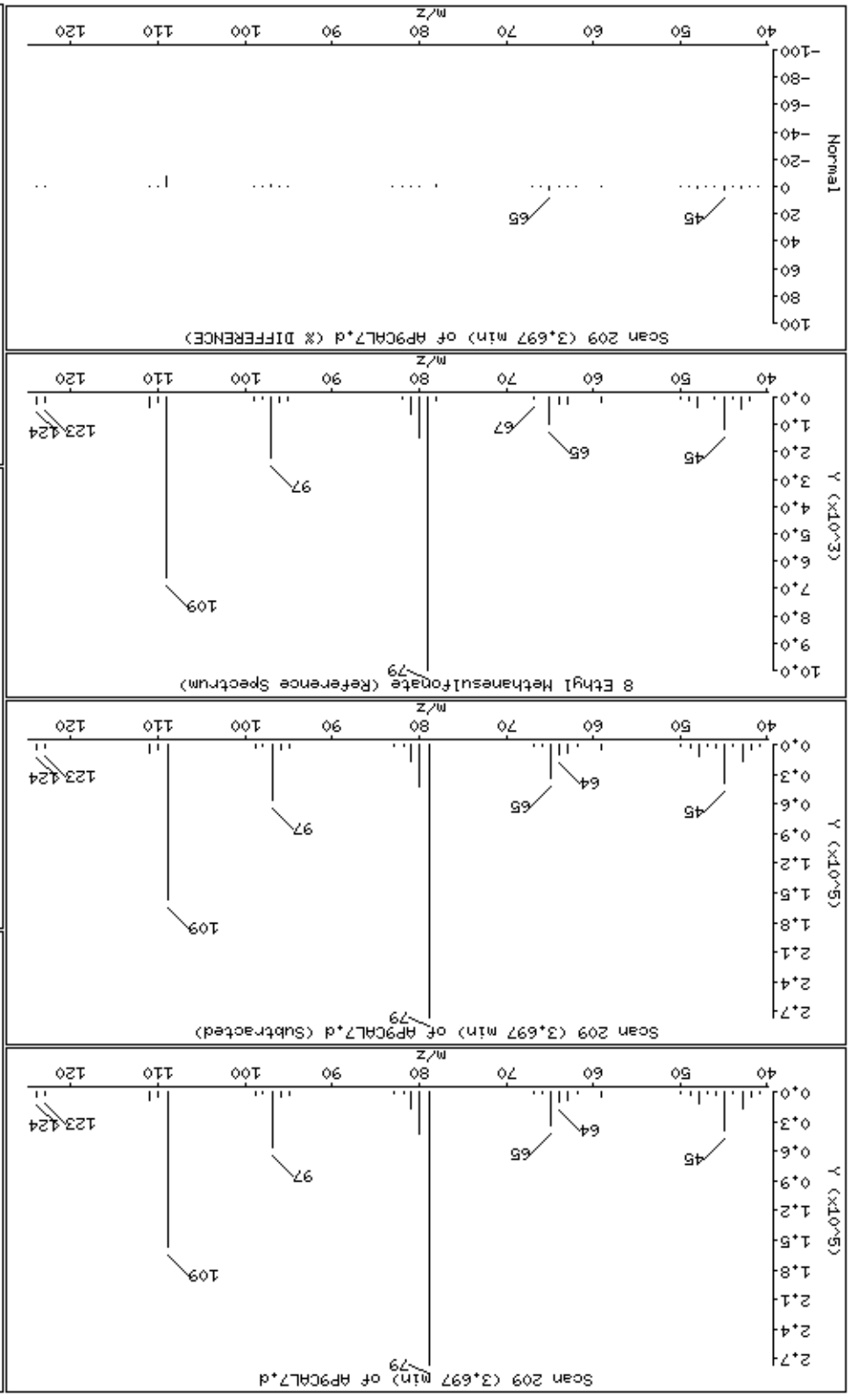
Column diameter: 0,25

7 N-Nitrosodiethylamine

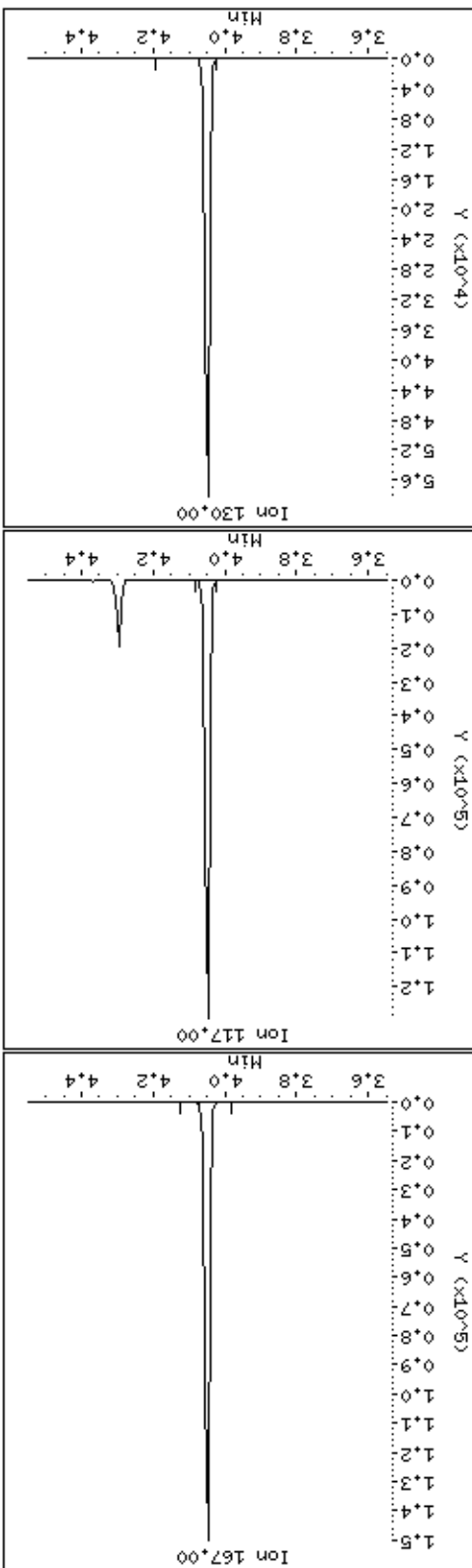
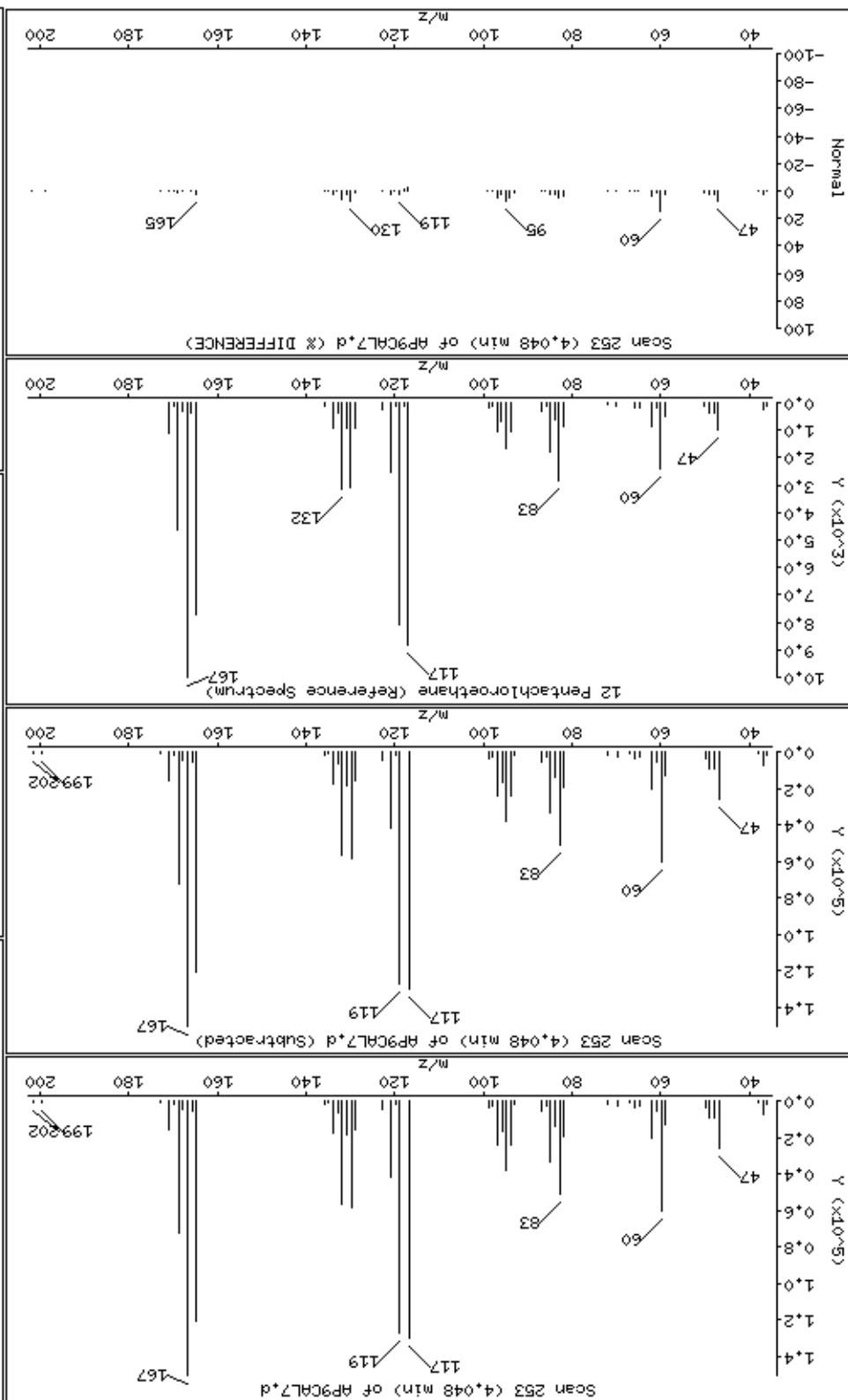
Concentration: 103 ug/kg







12 Pentachloroethane



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

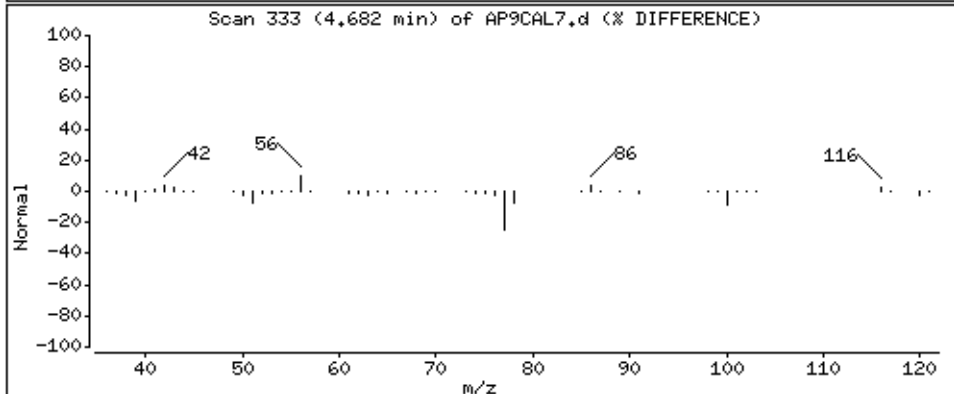
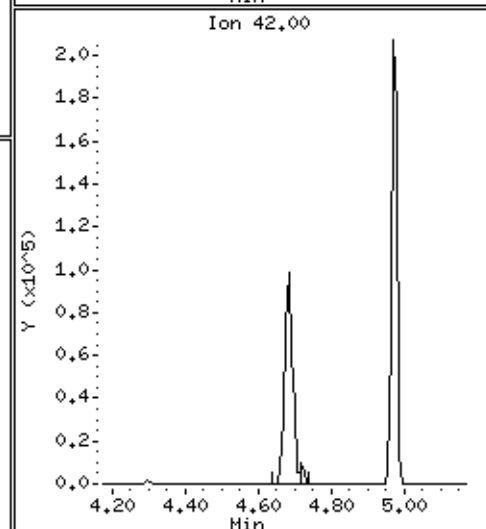
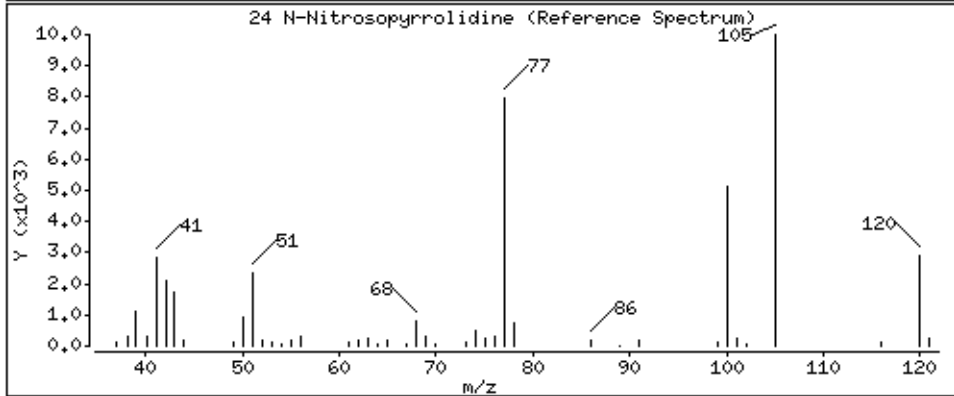
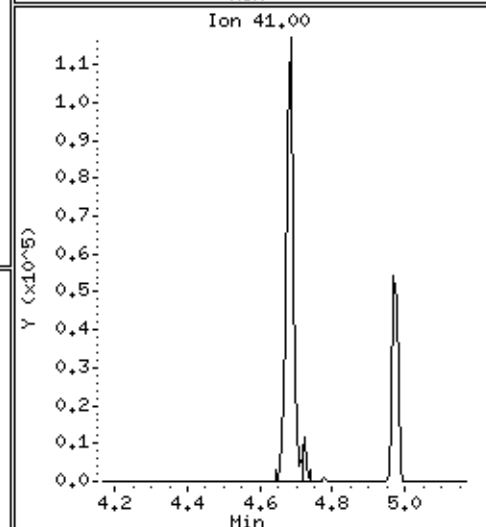
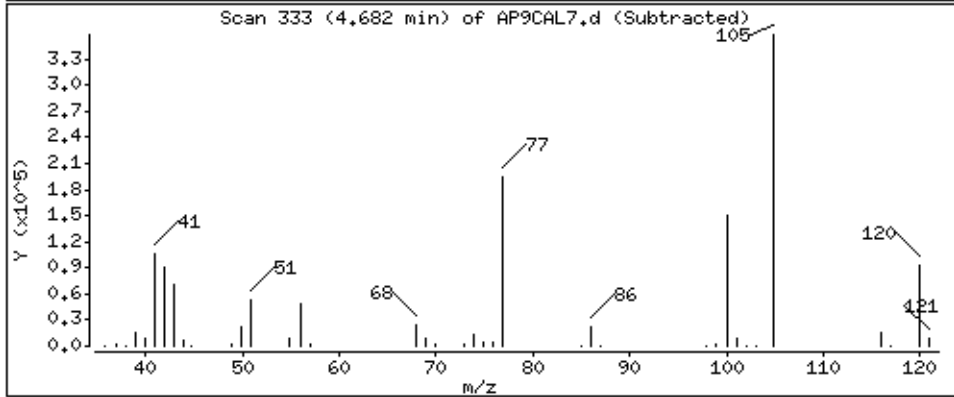
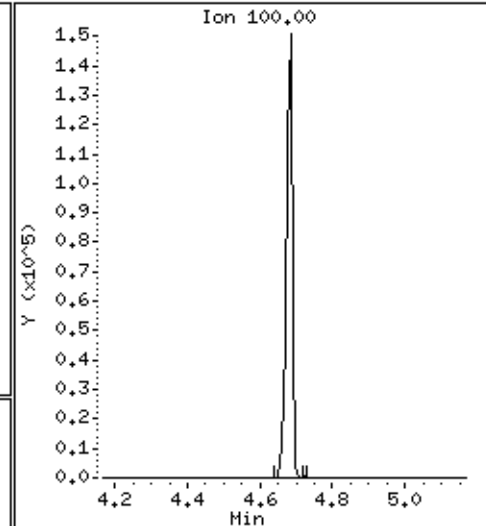
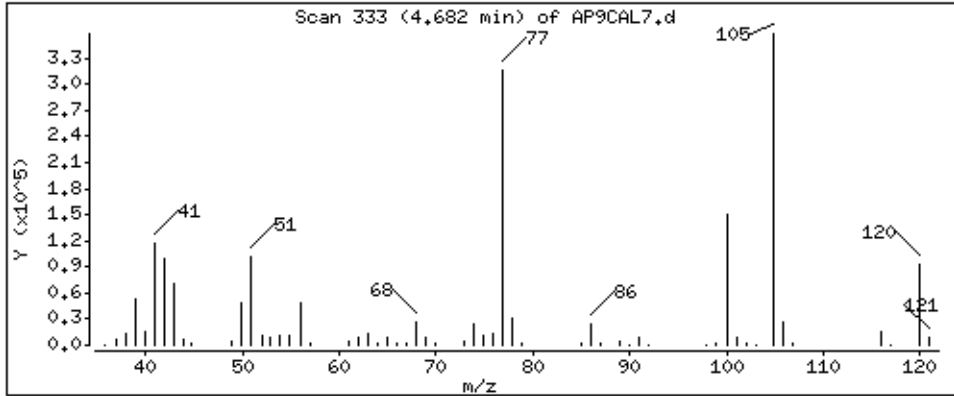
Operator: MJ

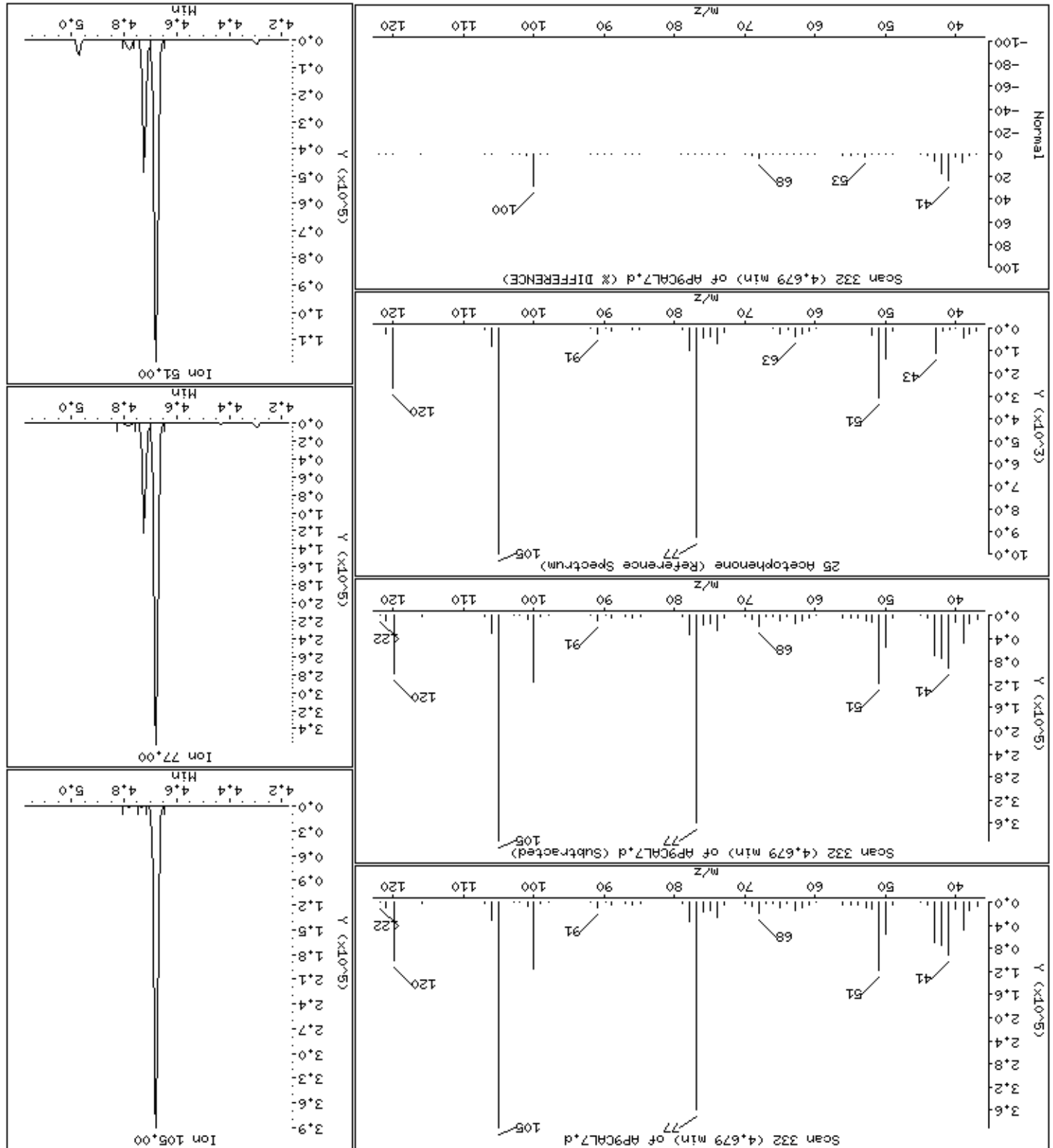
Column phase: HPMS-5

Column diameter: 0.25

24 N-Nitrosopyrrolidine

Concentration: 108 ug/kg





Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

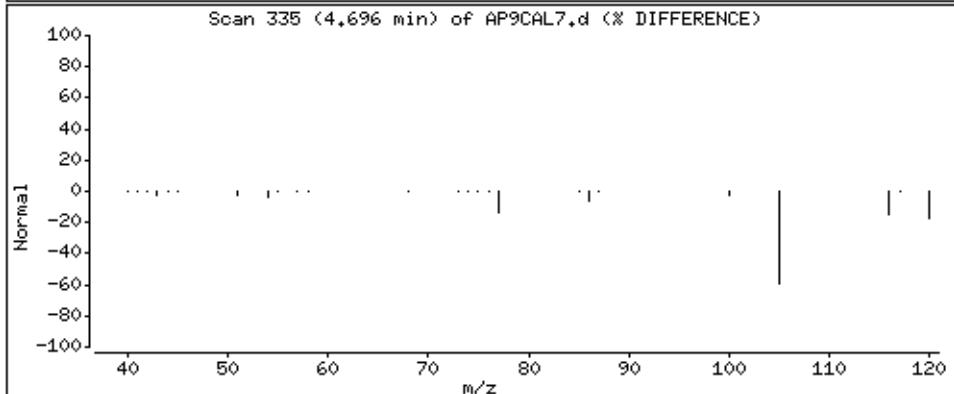
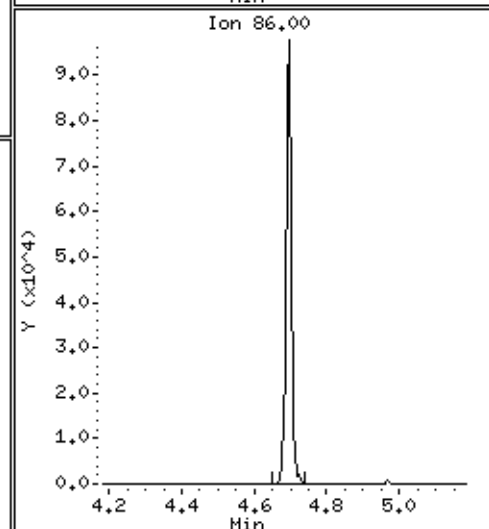
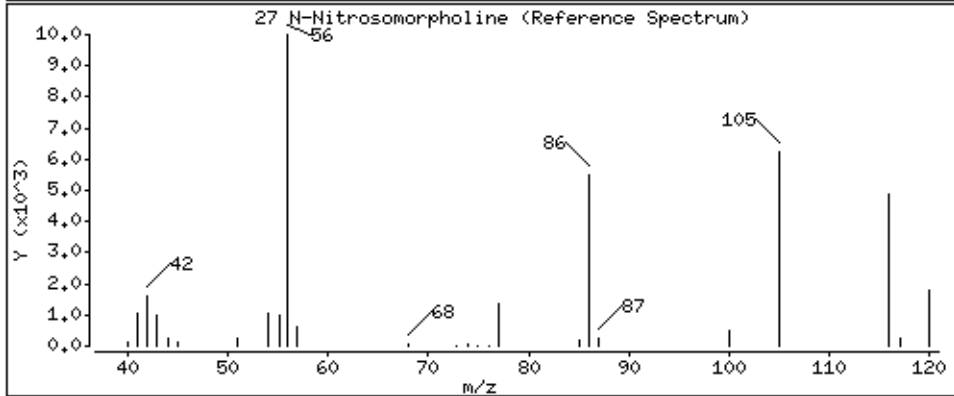
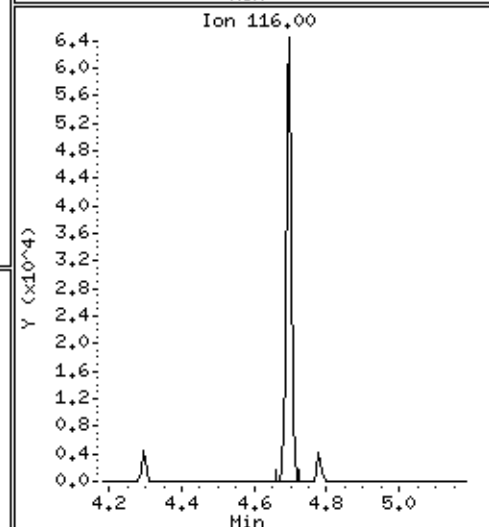
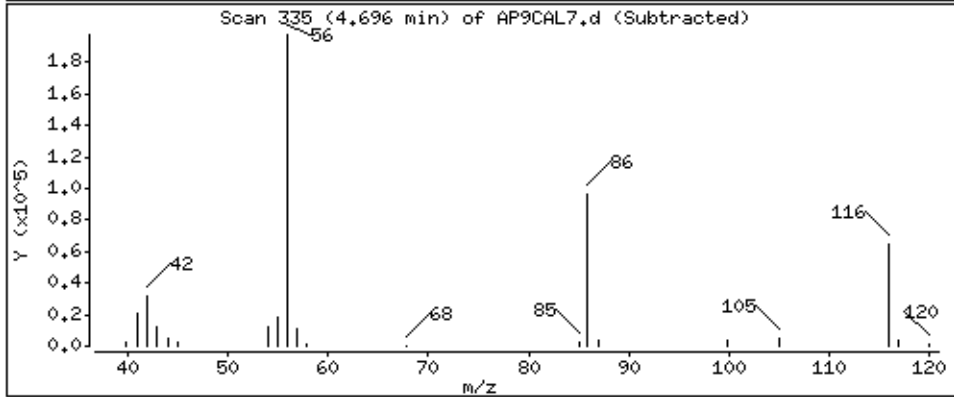
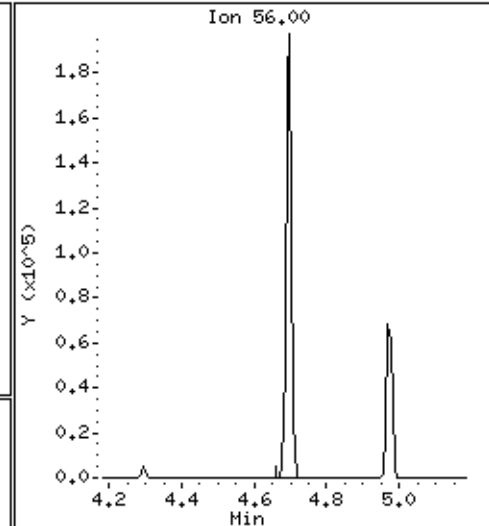
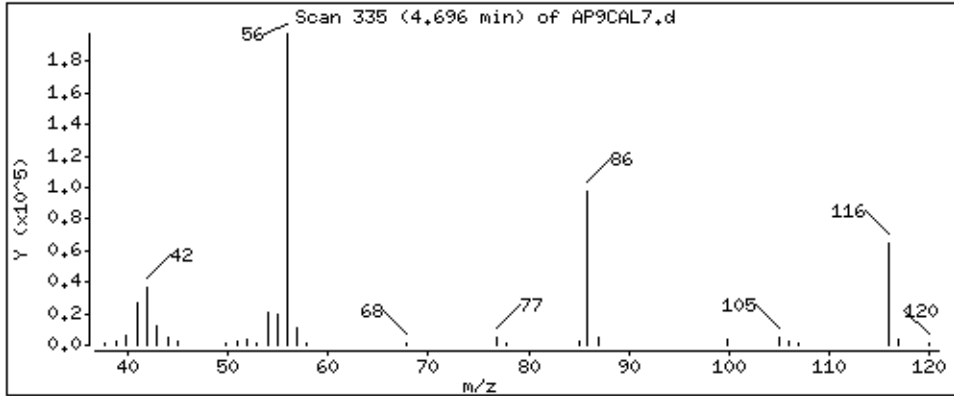
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

27 N-Nitrosomorpholine

Concentration: 102 ug/kg



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

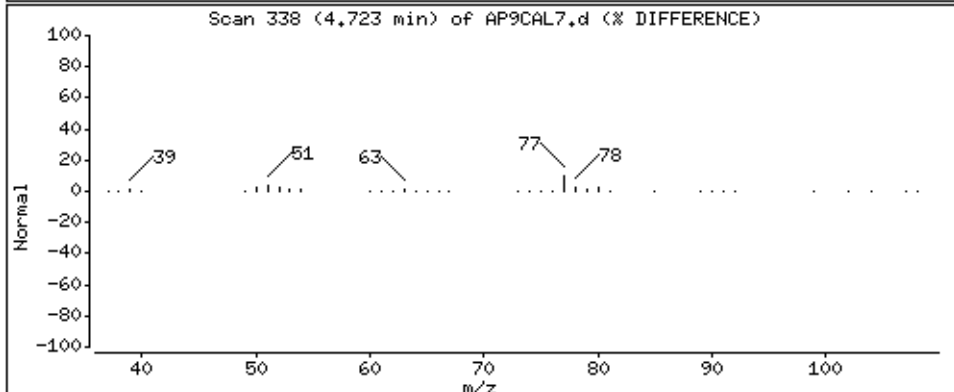
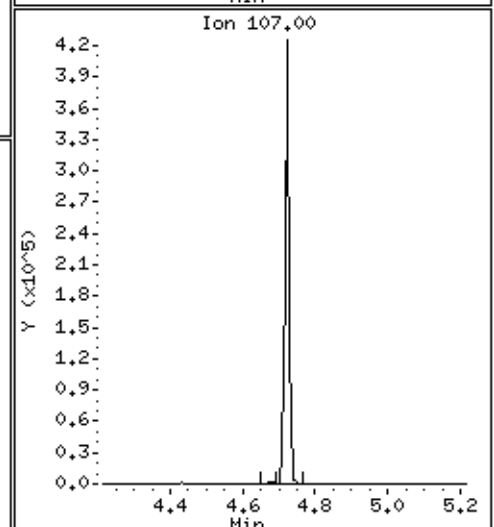
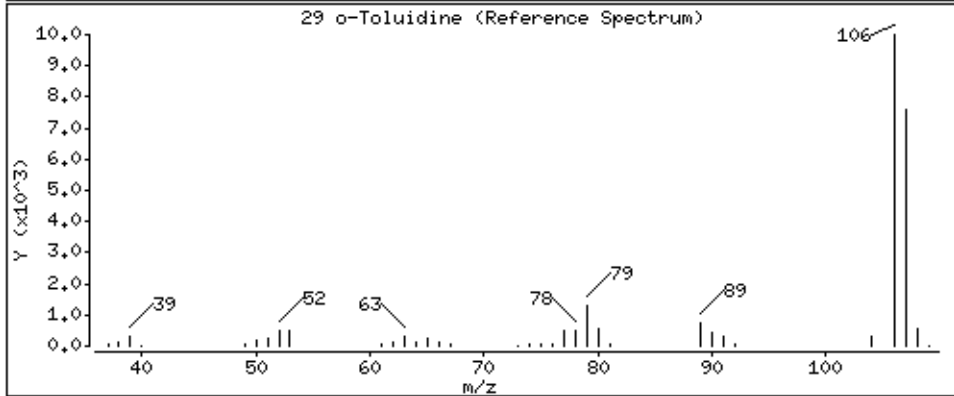
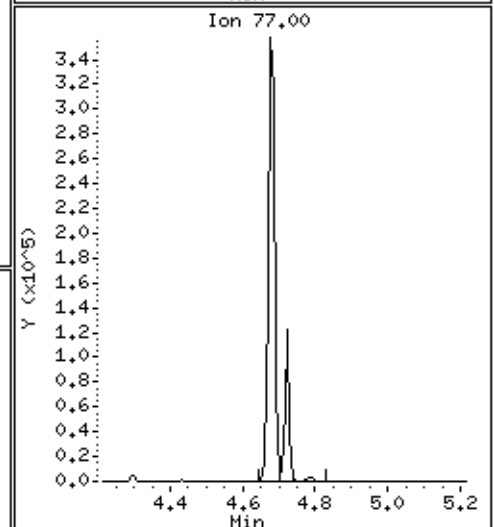
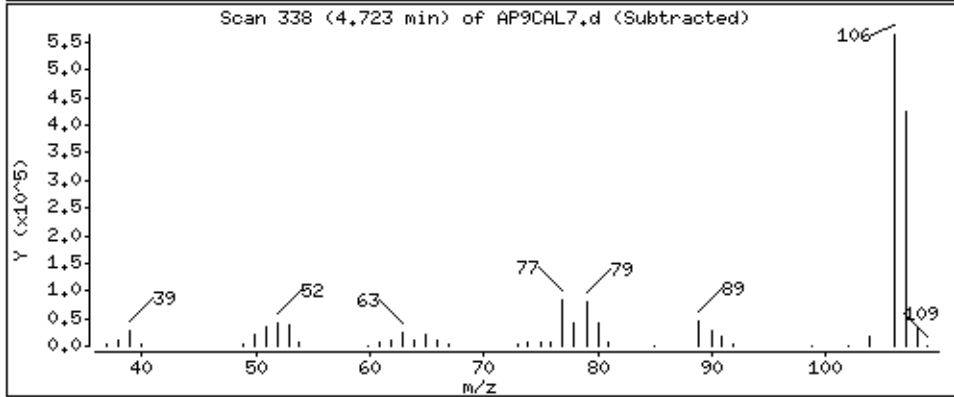
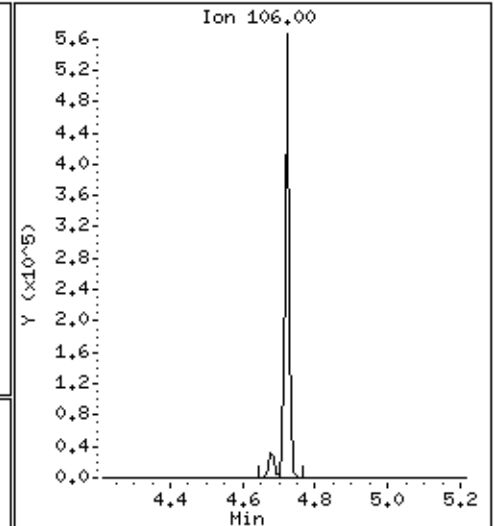
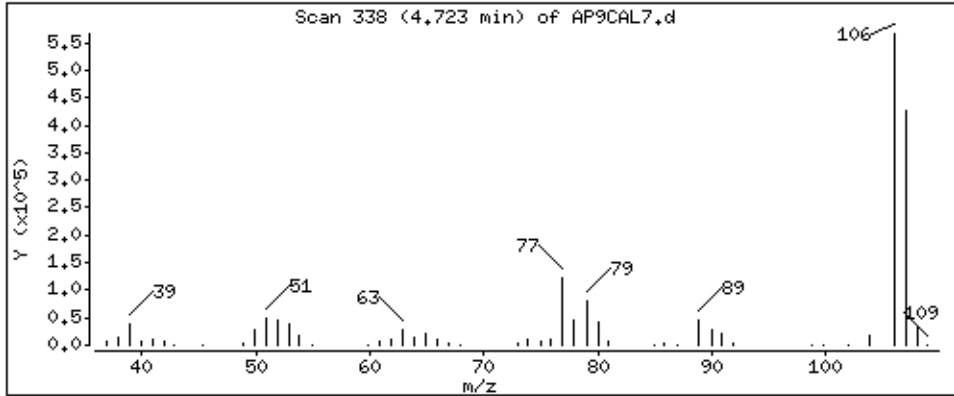
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

29 o-Toluidine

Concentration: 102 ug/kg



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

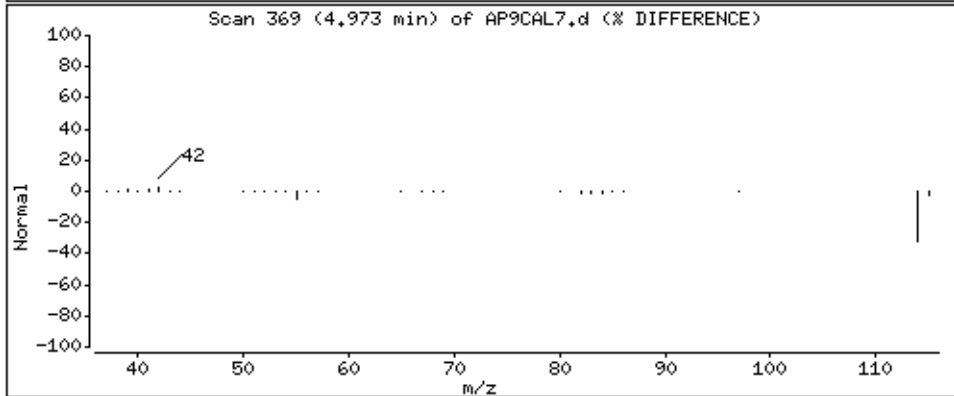
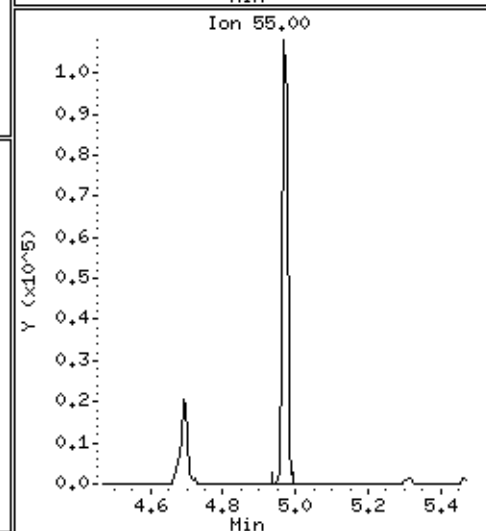
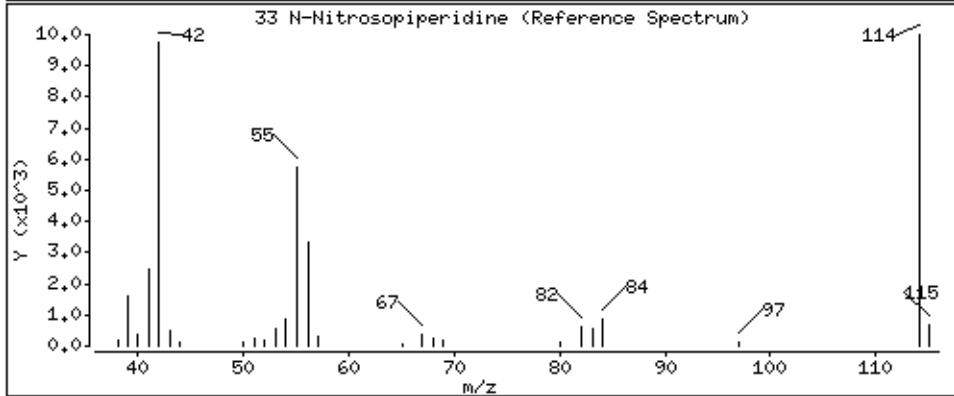
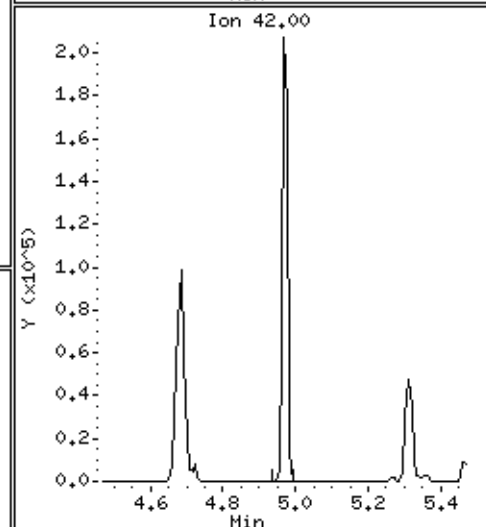
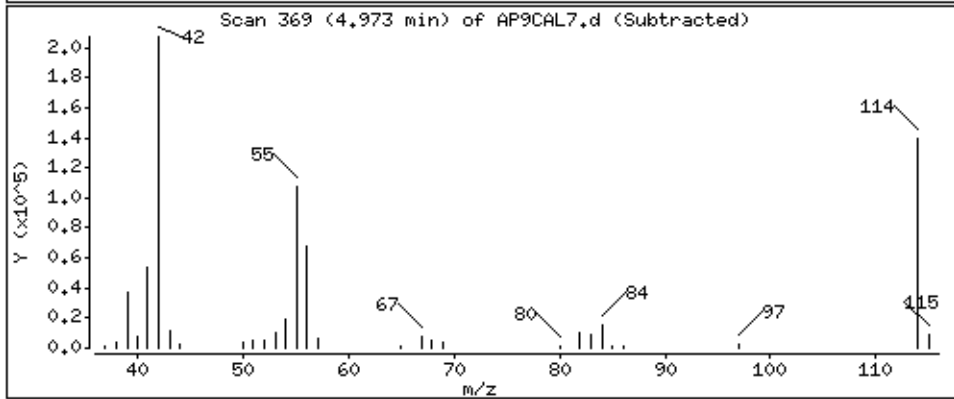
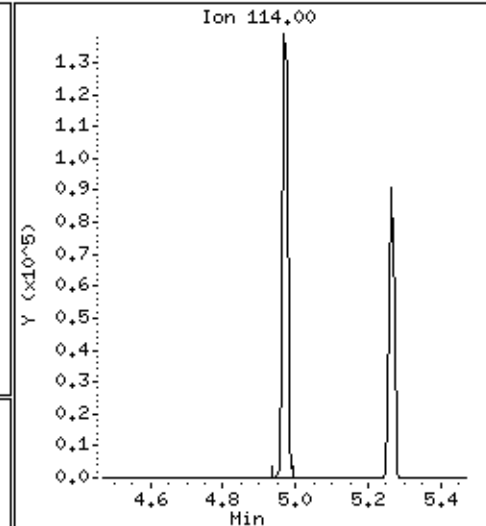
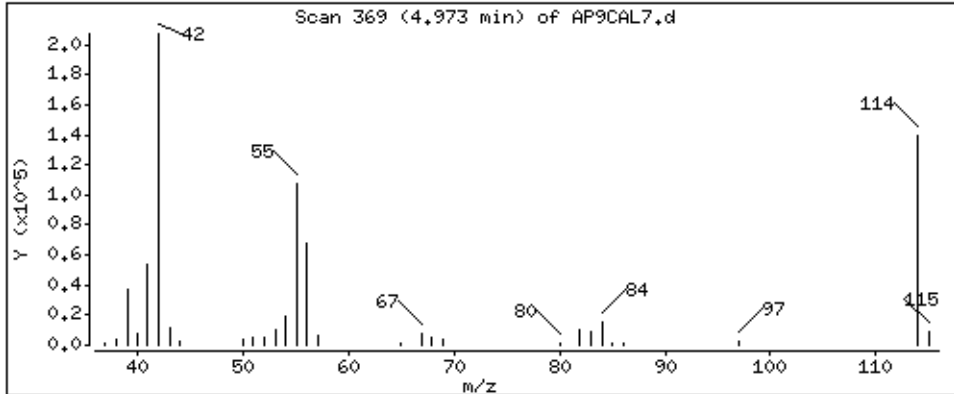
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

33 N-Nitrosopiperidine

Concentration: 105 ug/kg



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

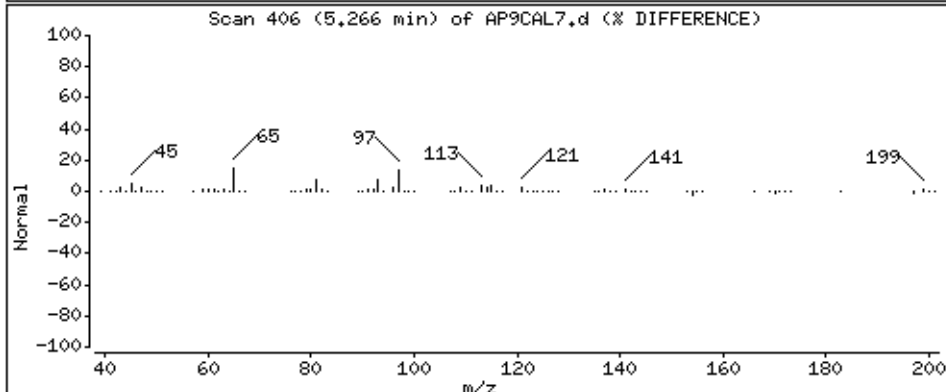
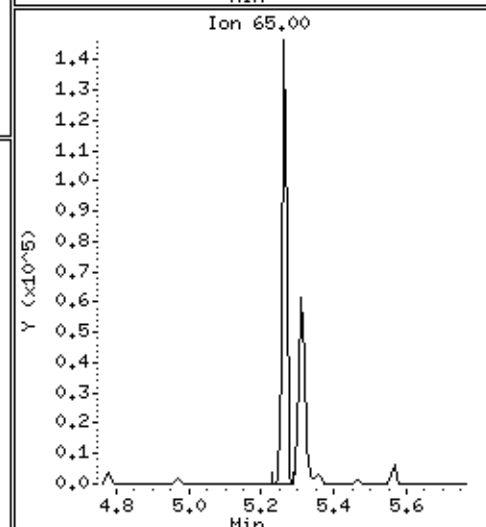
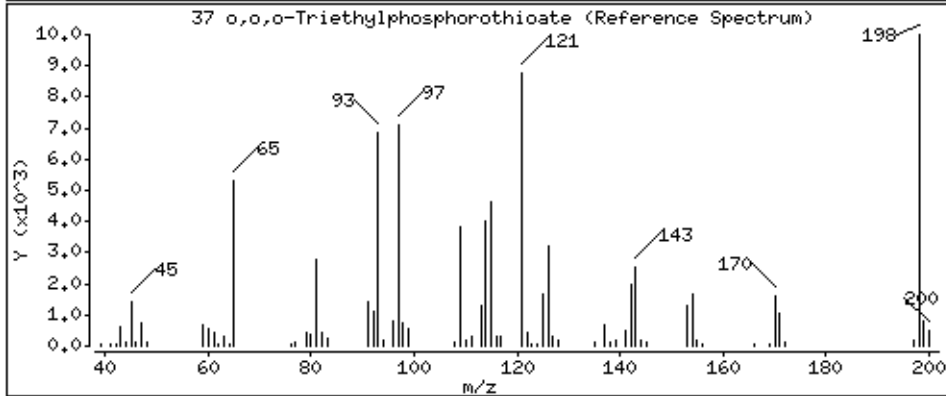
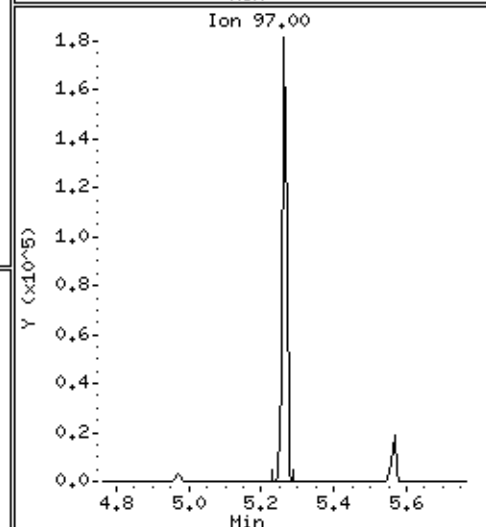
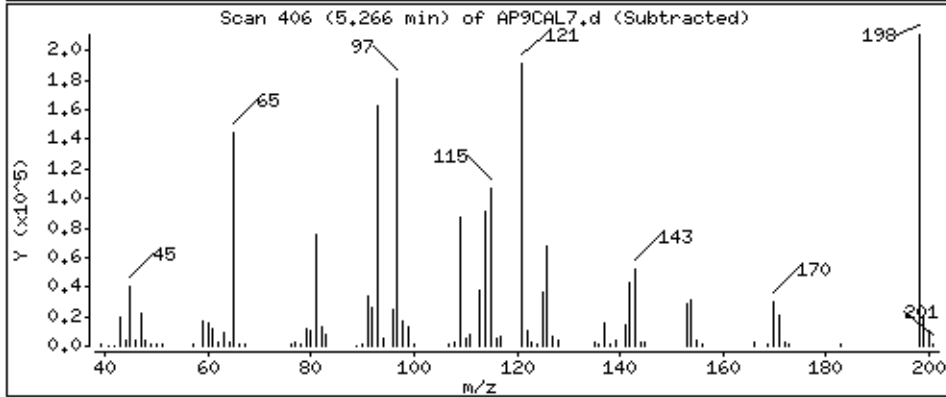
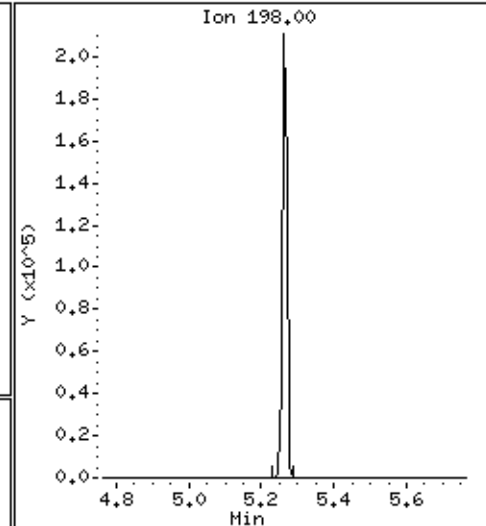
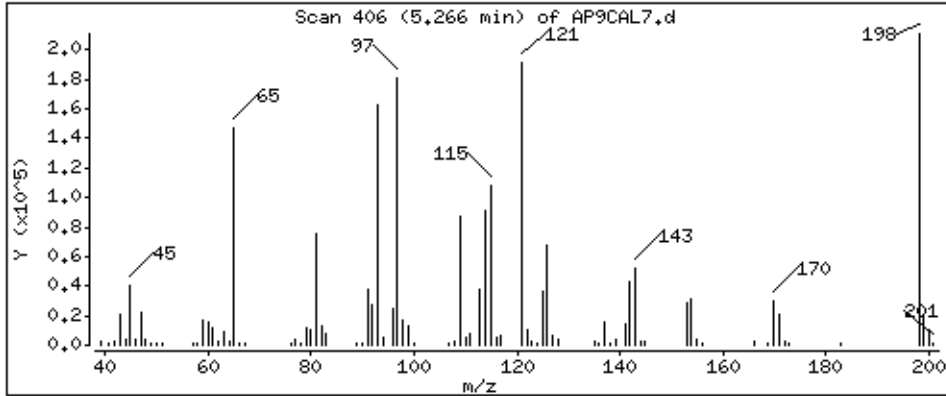
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

37 o,o,o-Triethylphosphorothioate

Concentration: 109 ug/kg





Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

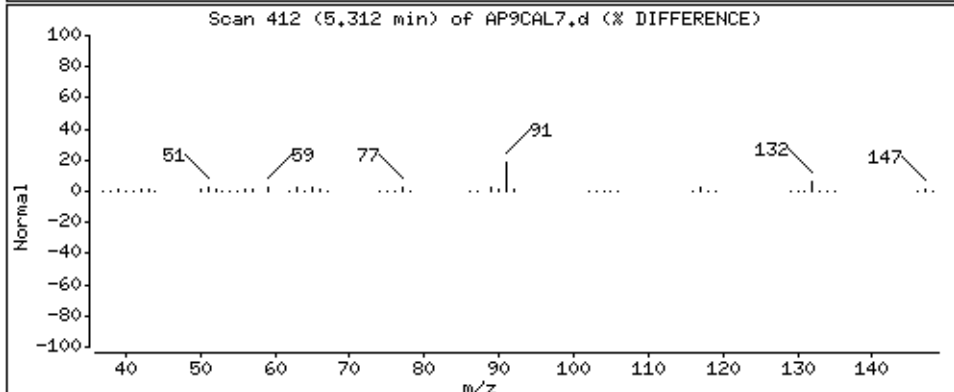
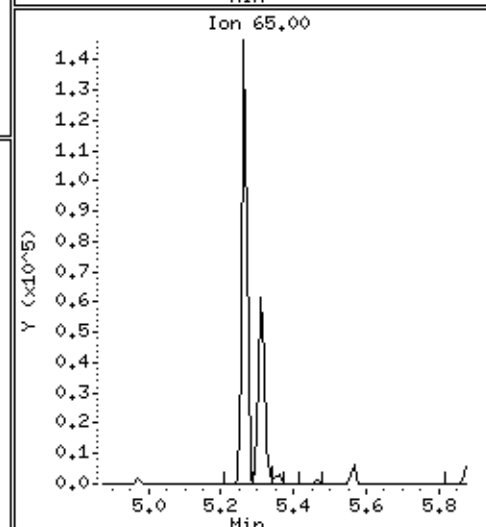
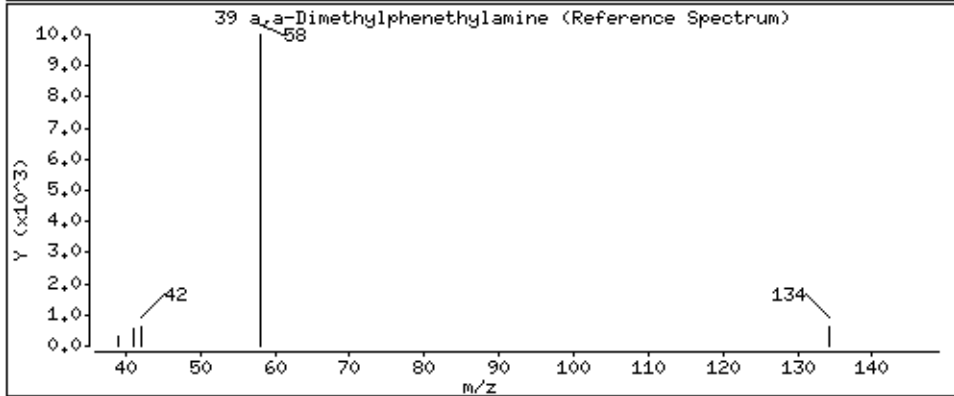
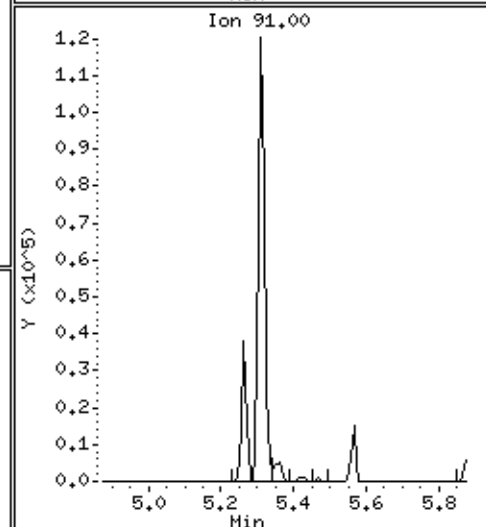
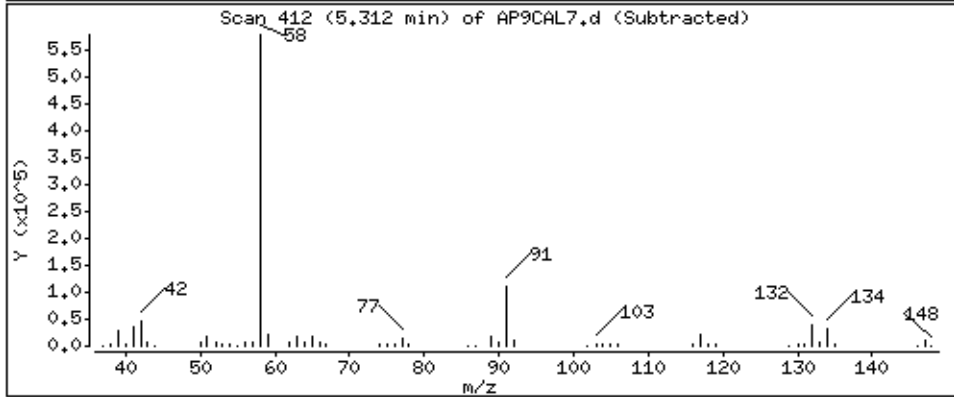
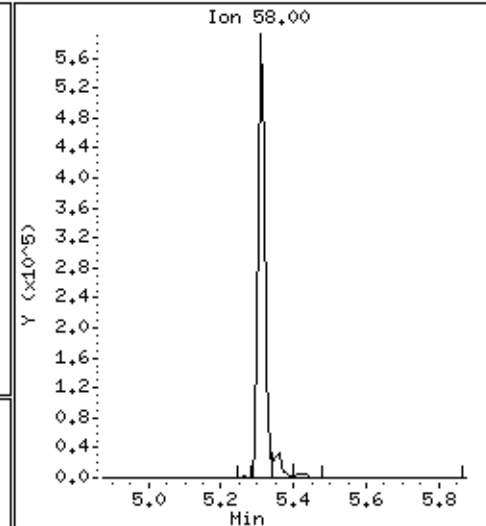
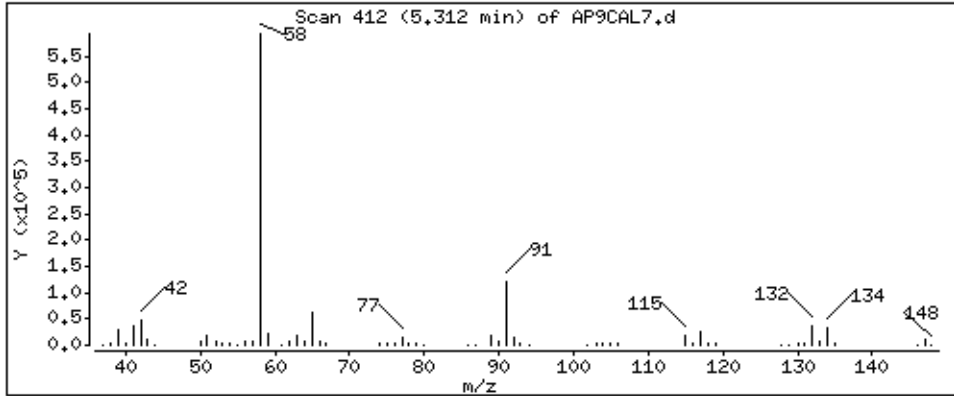
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

39 a,a-Dimethylphenethylamine

Concentration: 99.8 ug/kg



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

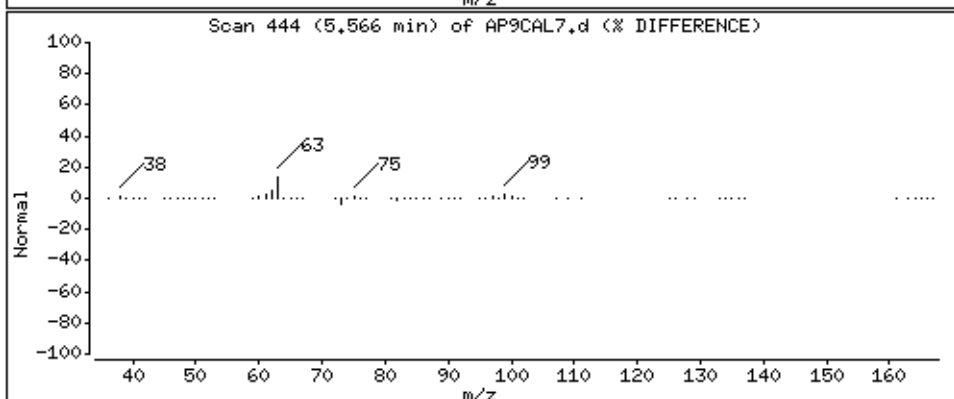
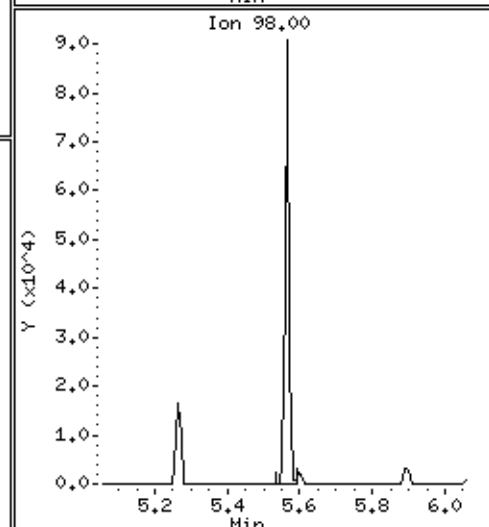
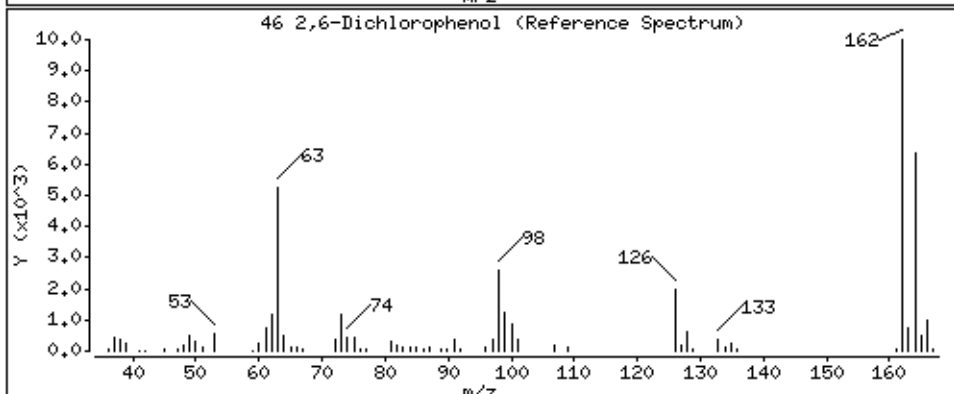
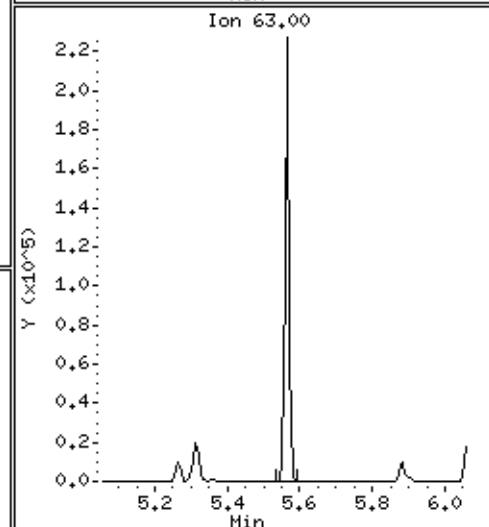
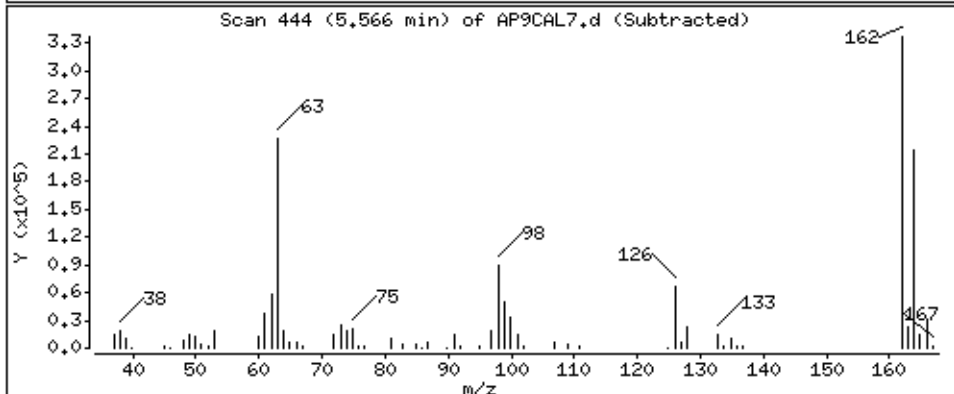
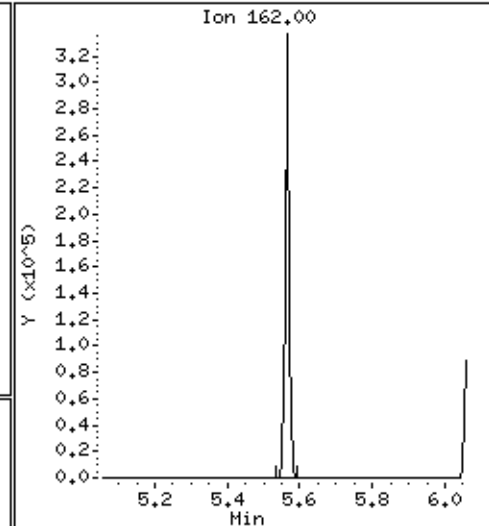
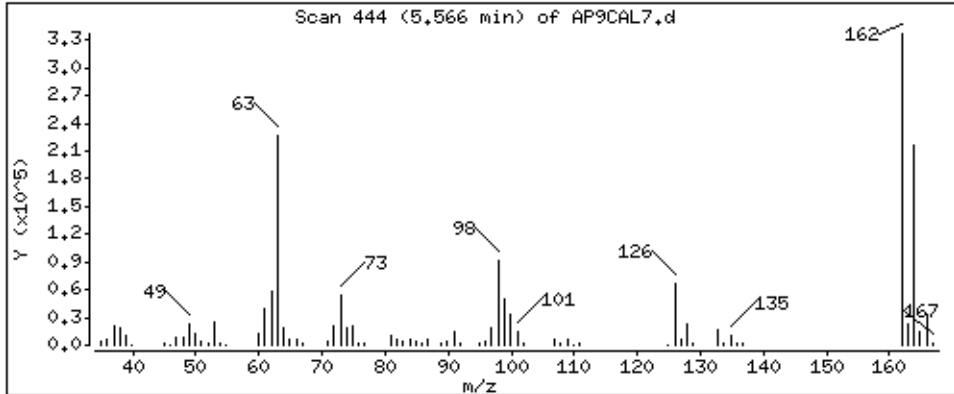
Operator: MJ

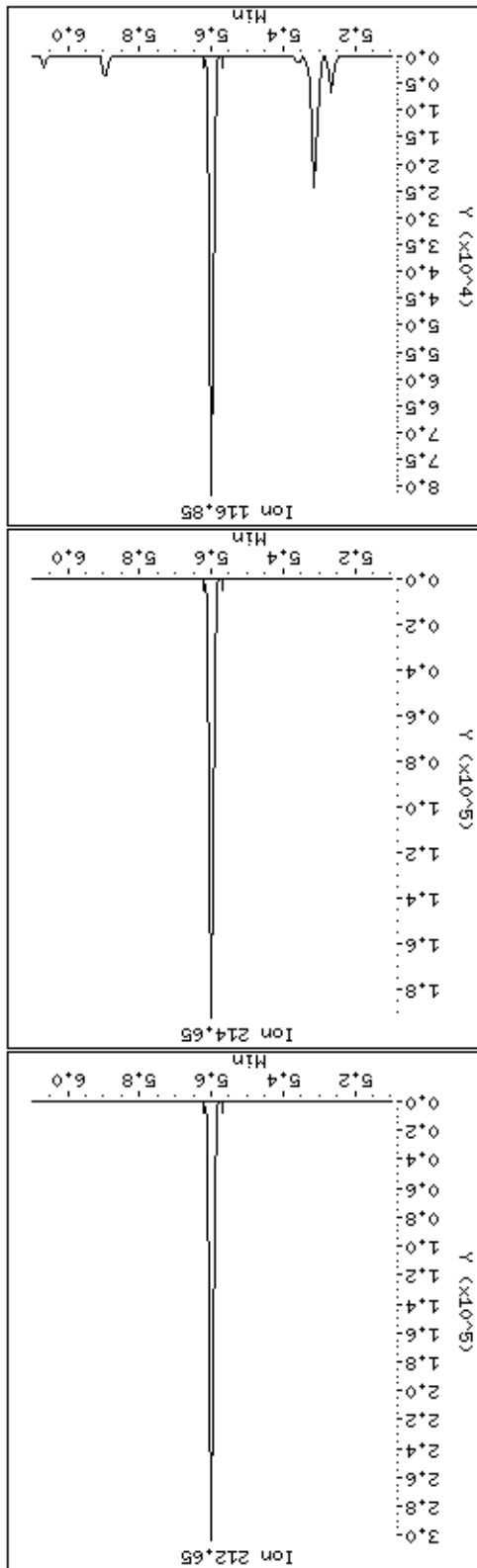
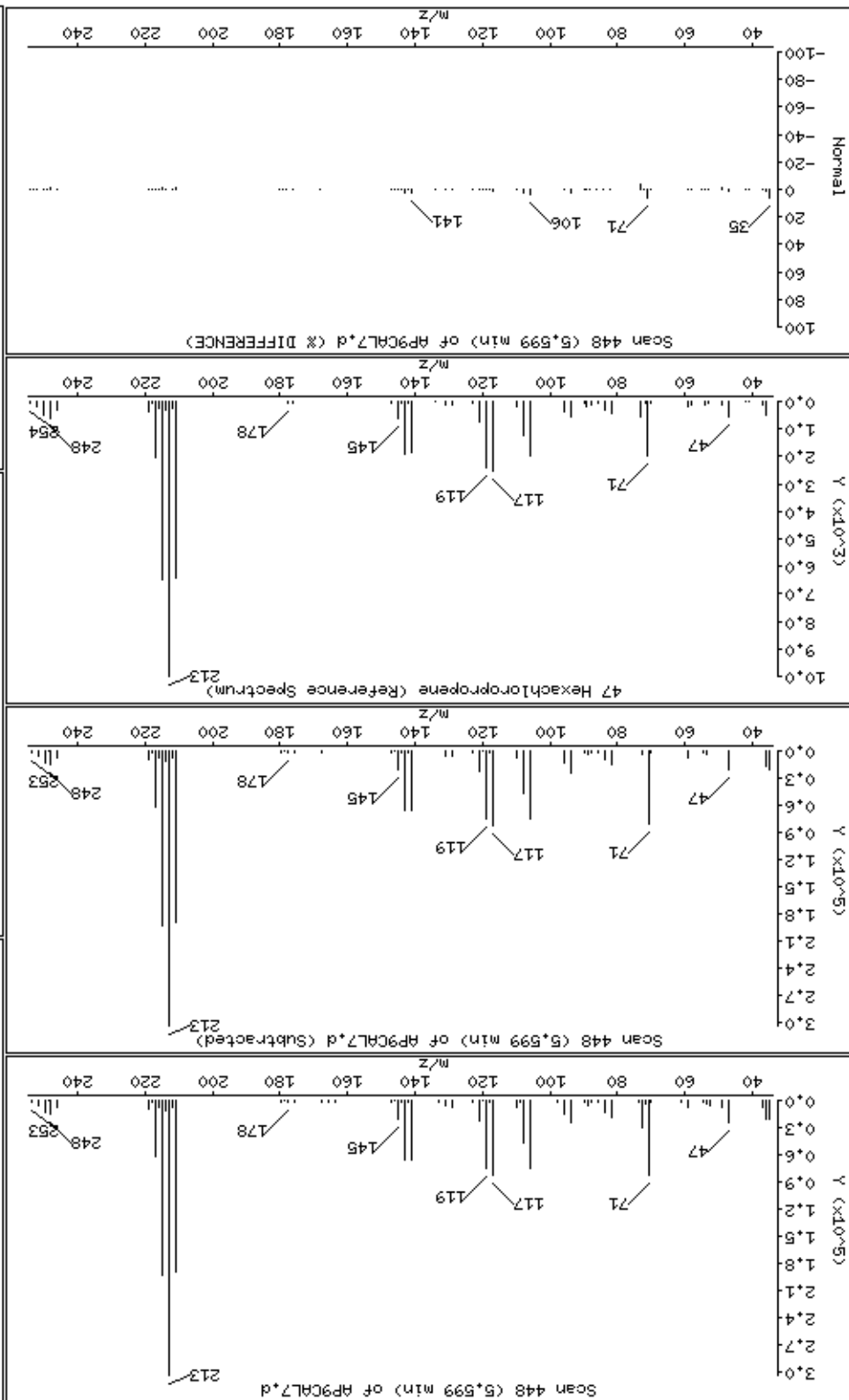
Column phase: HPHS-5

Column diameter: 0,25

46 2,6-Dichlorophenol

Concentration: 108 ug/kg





Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

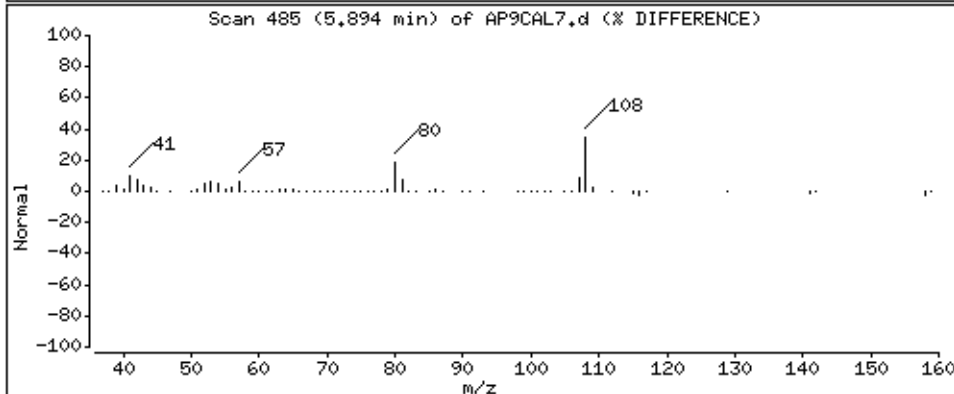
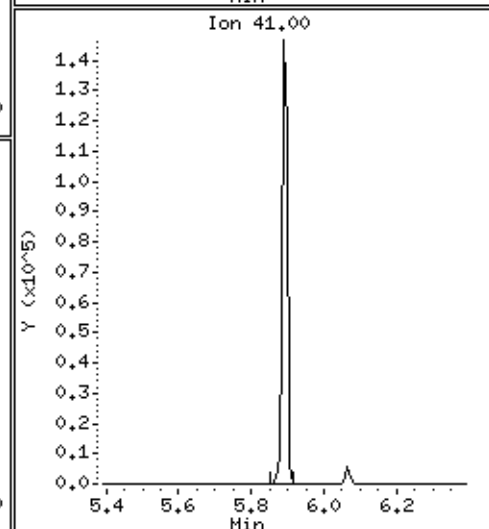
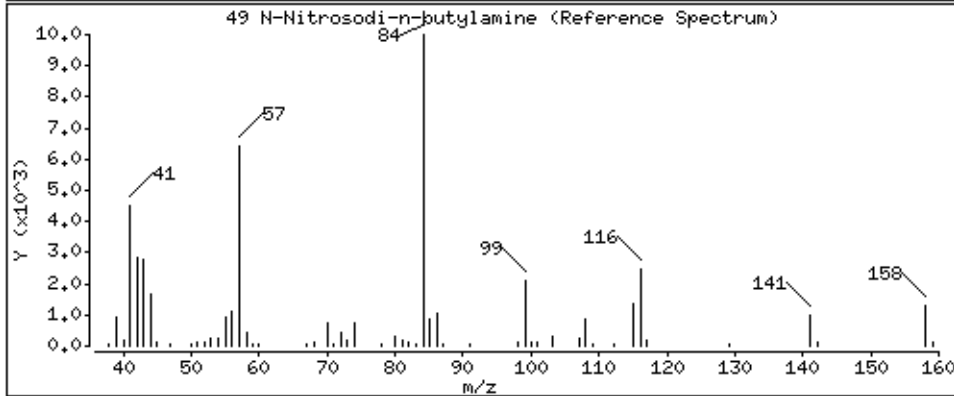
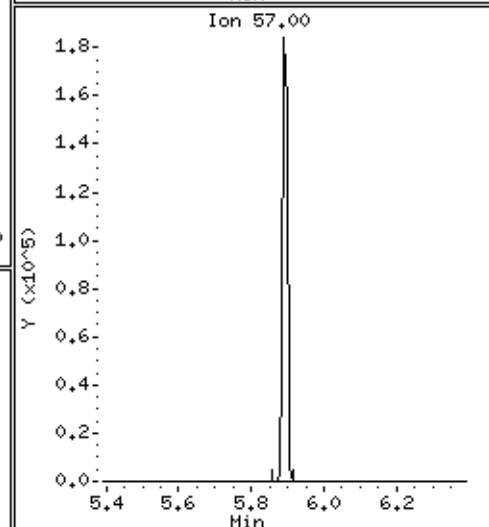
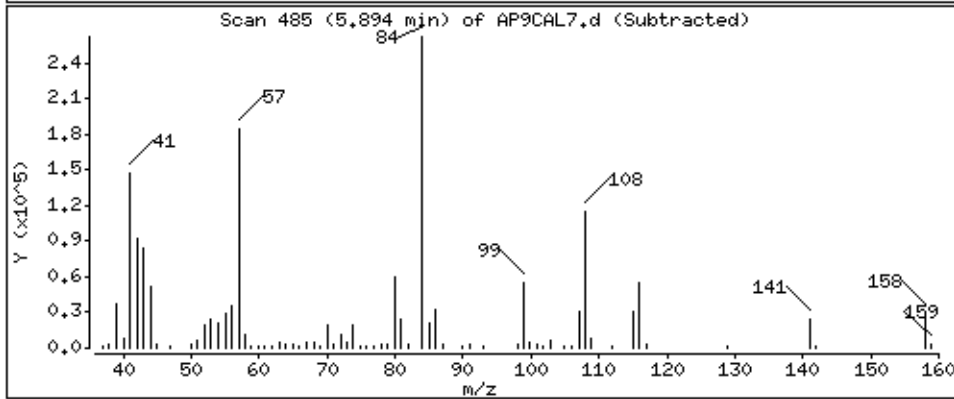
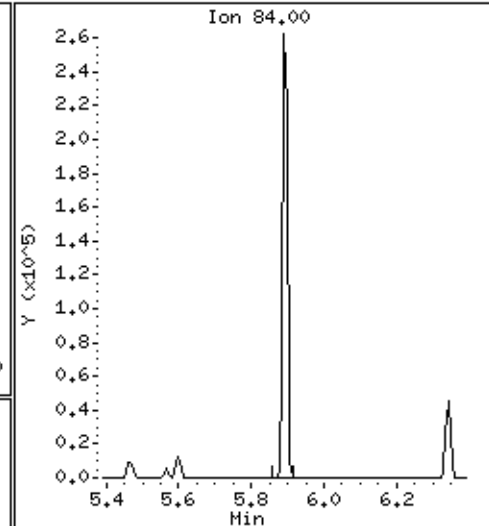
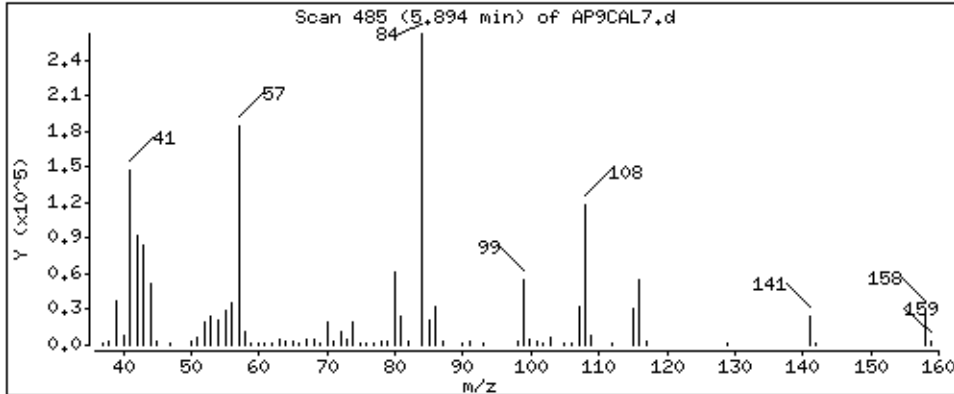
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

49 N-Nitrosodi-n-butylamine

Concentration: 105 ug/kg



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

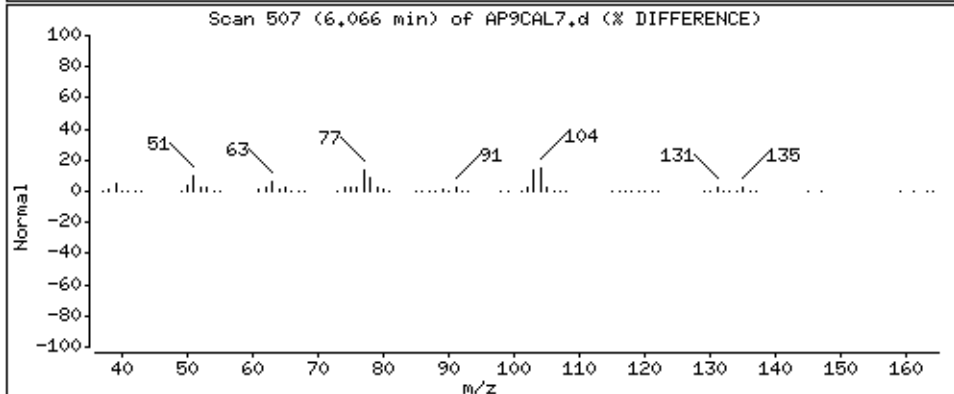
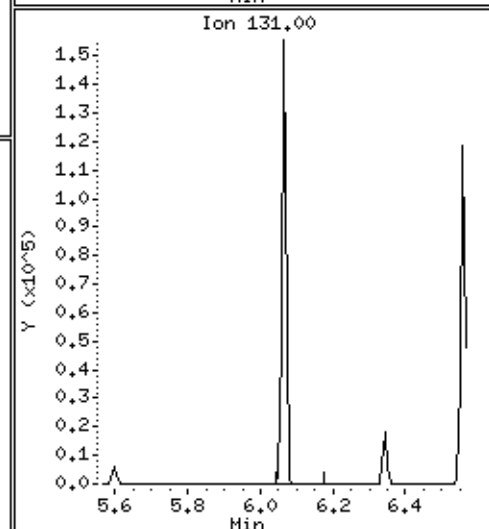
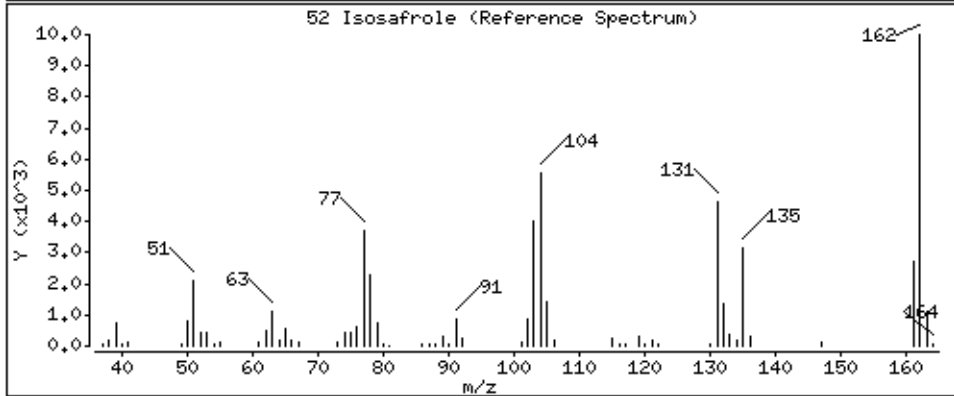
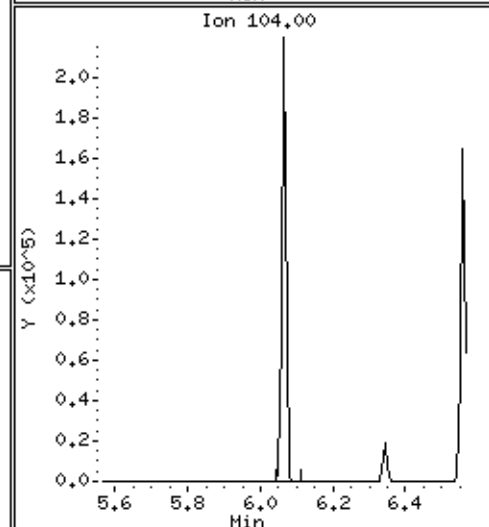
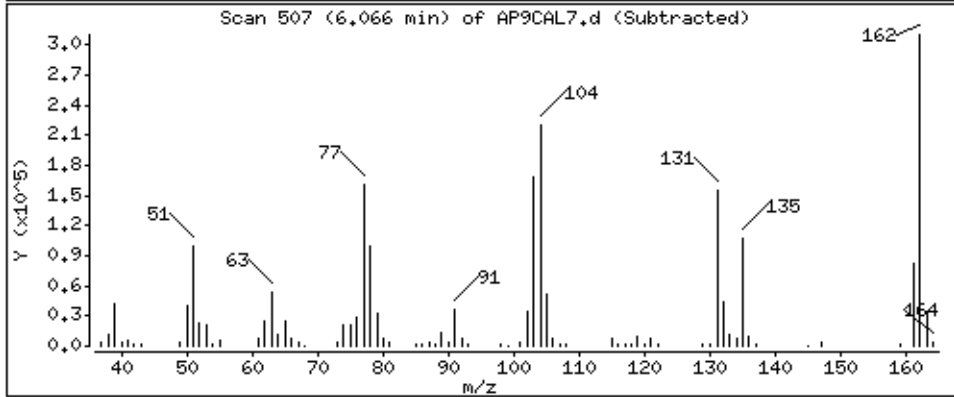
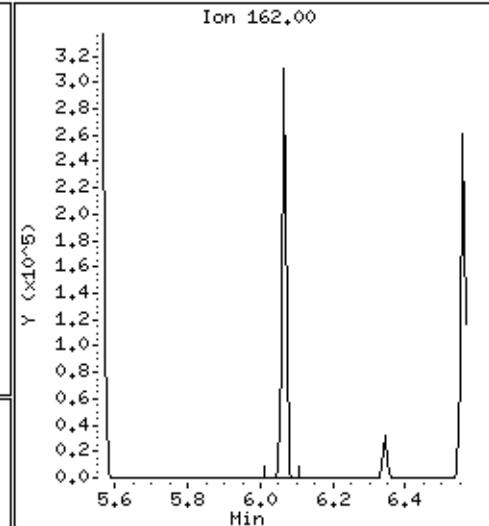
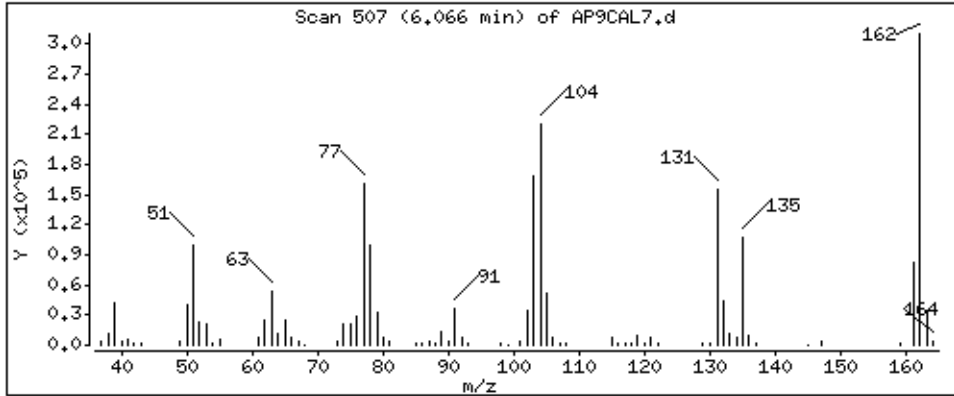
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

52 Isosafrole

Concentration: 106 ug/kg



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

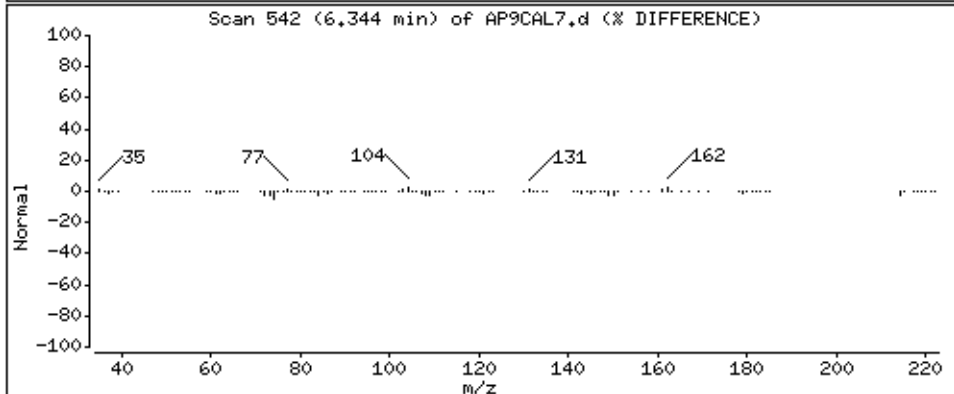
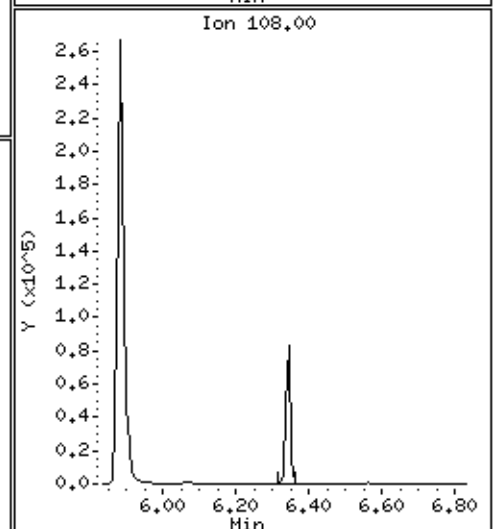
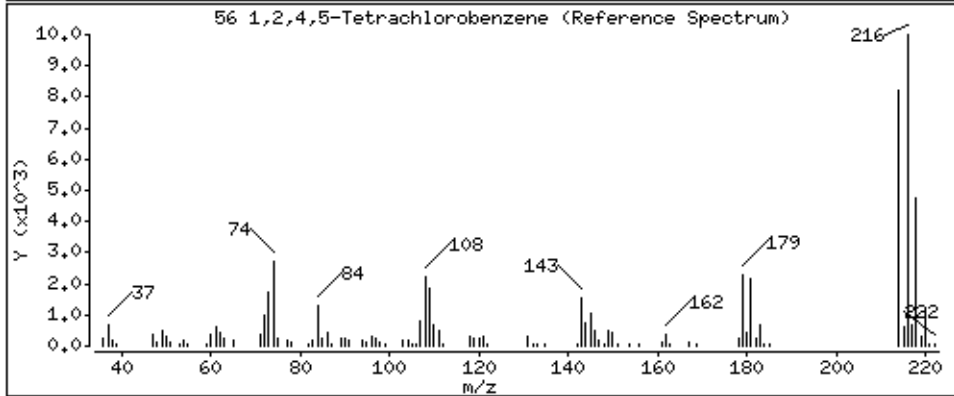
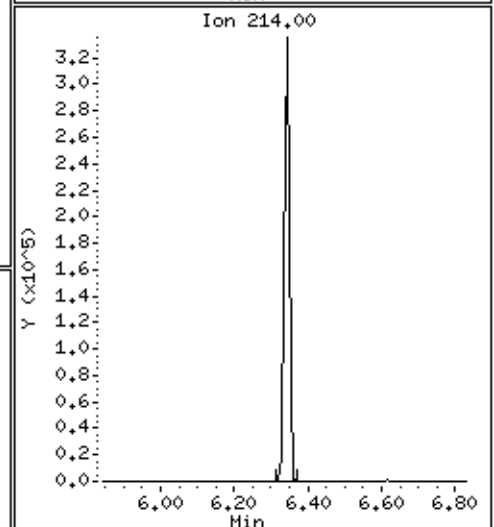
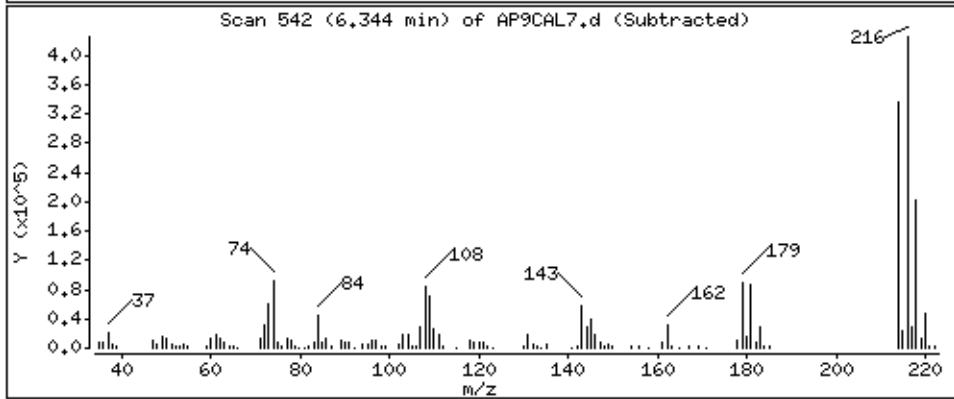
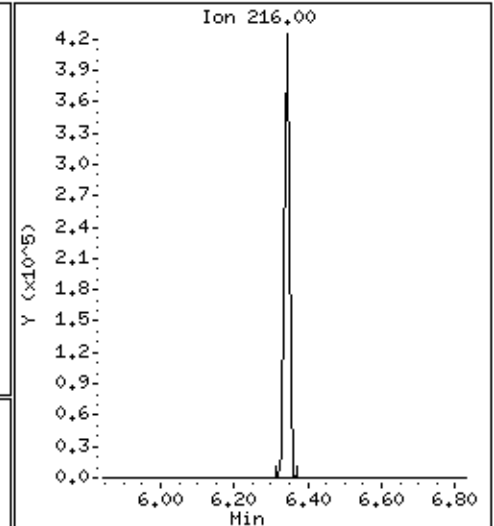
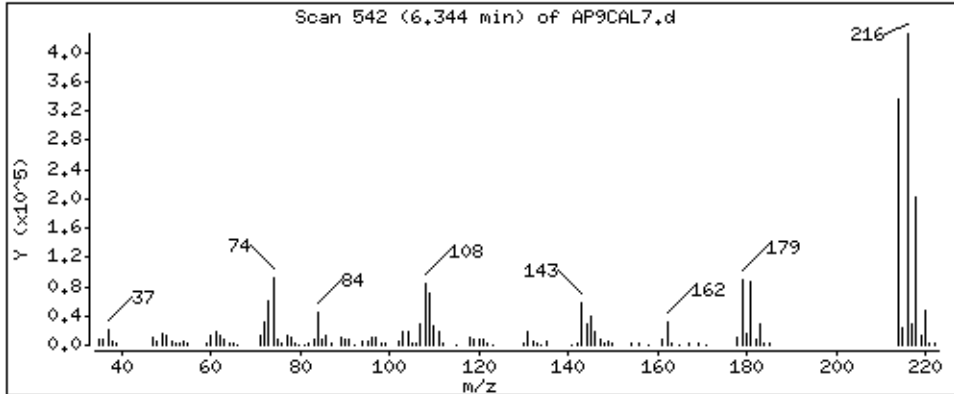
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

56 1,2,4,5-Tetrachlorobenzene

Concentration: 105 ug/kg



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

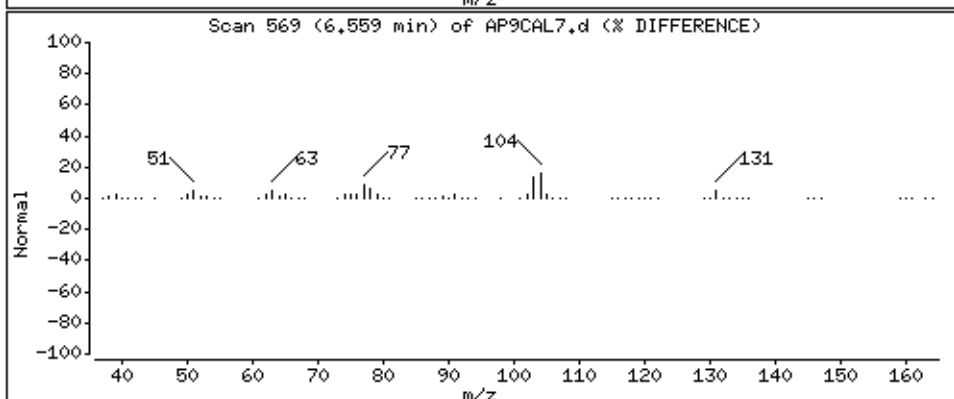
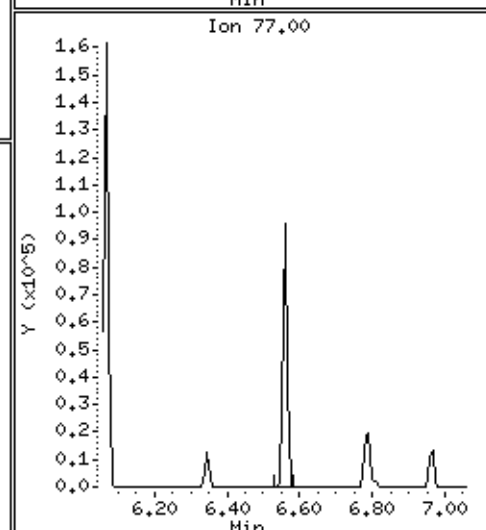
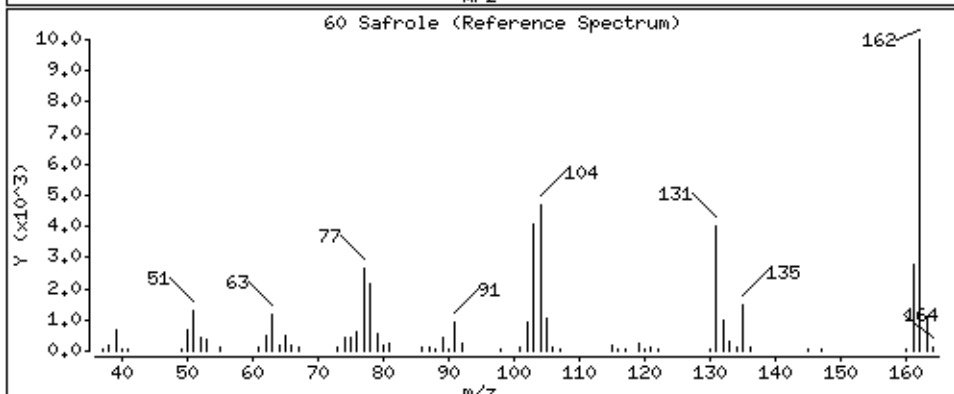
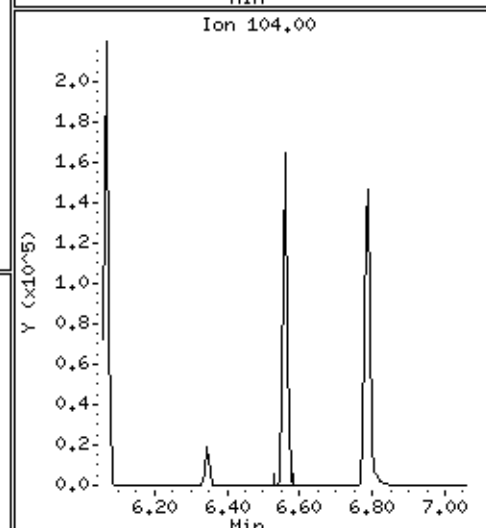
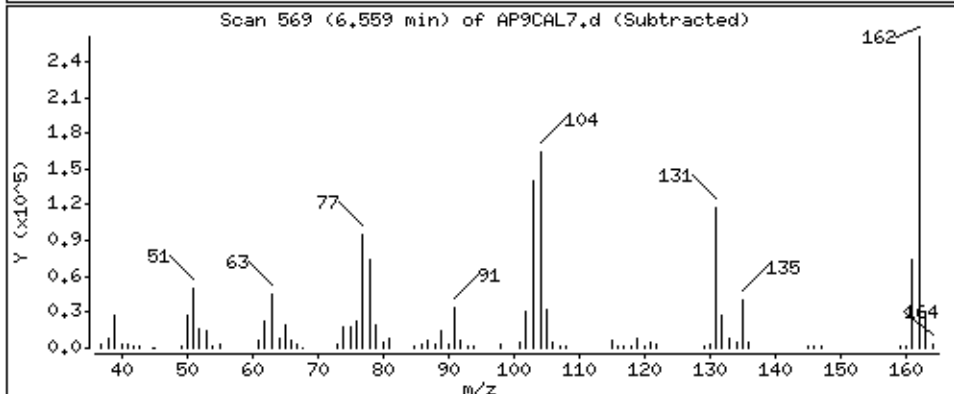
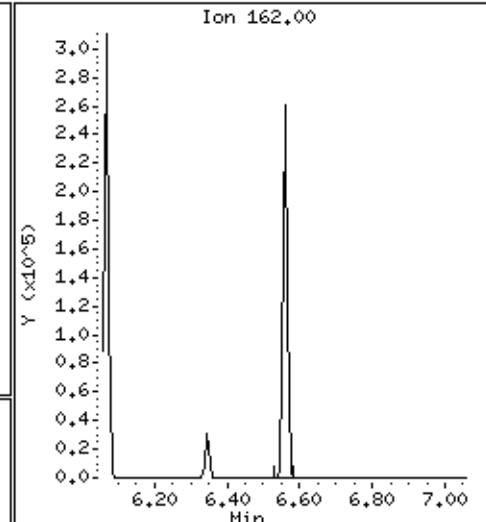
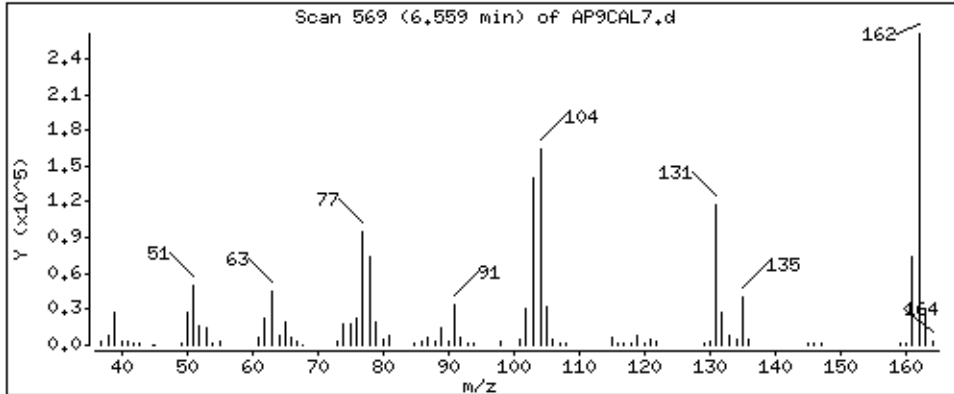
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

60 Safrole

Concentration: 107 ug/kg



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

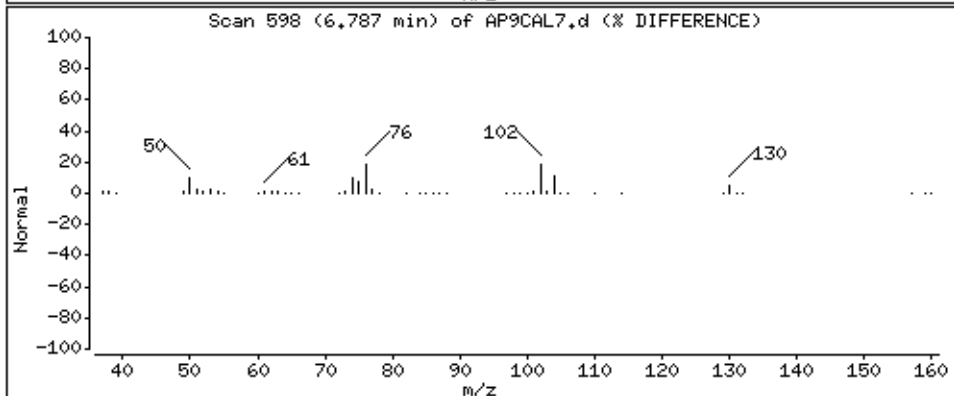
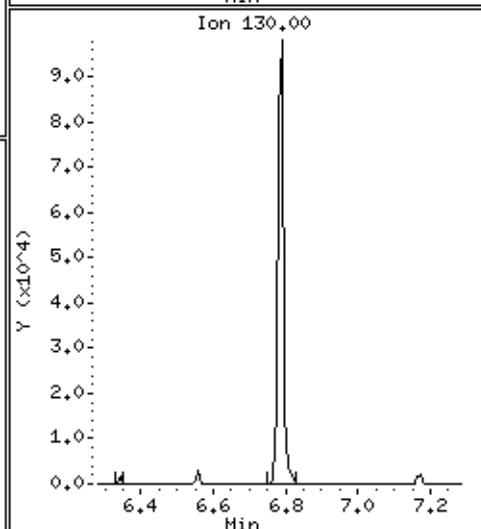
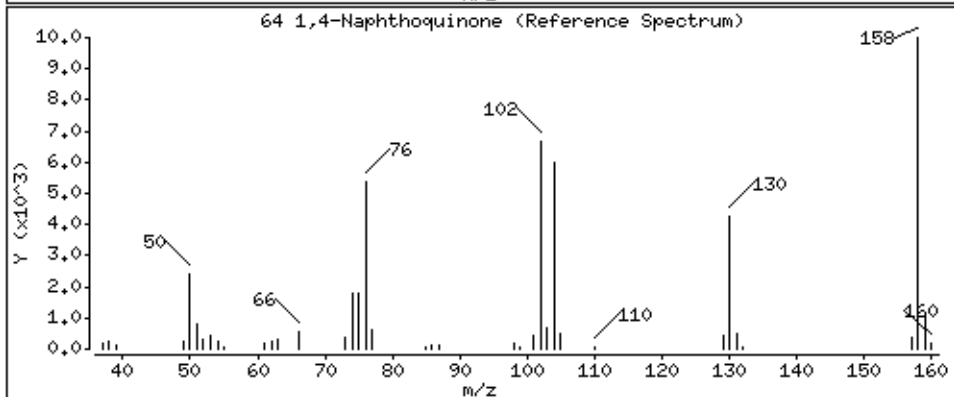
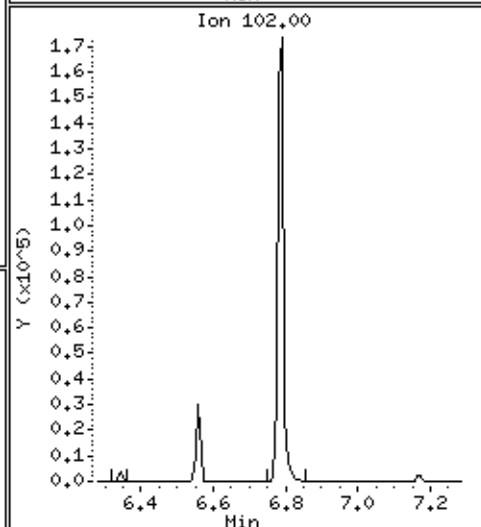
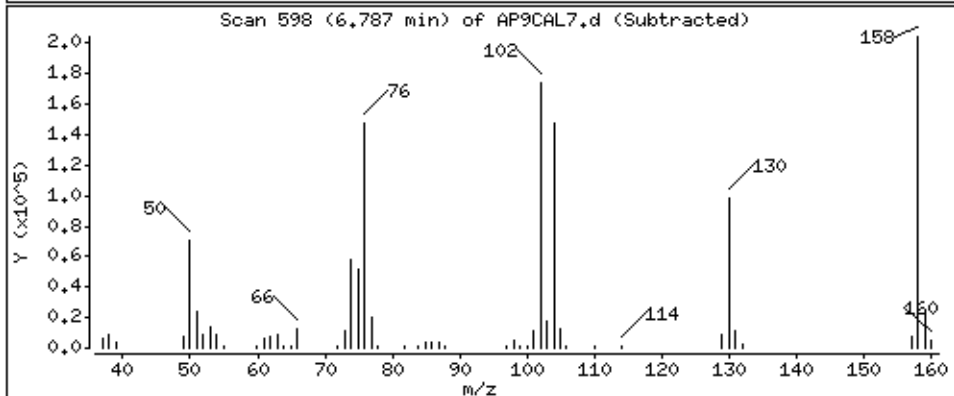
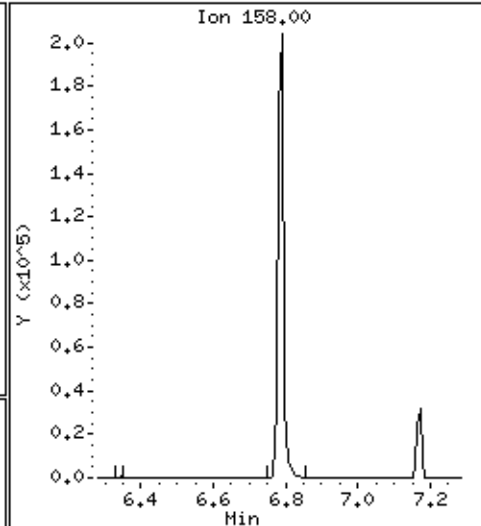
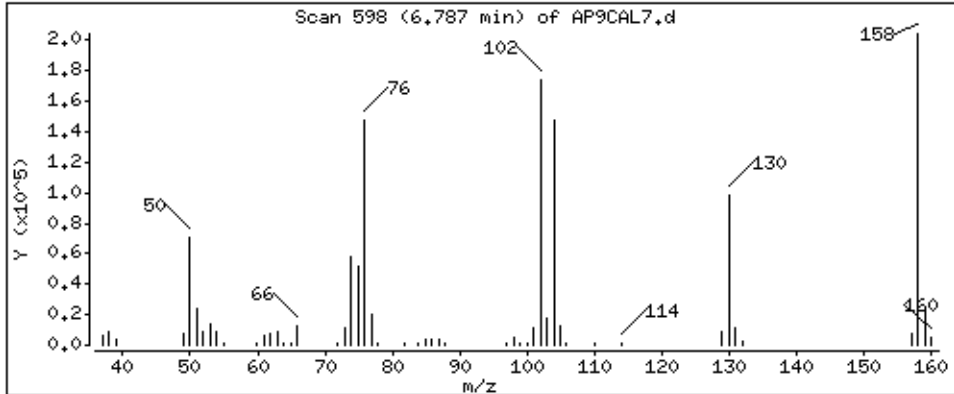
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

64 1,4-Naphthoquinone

Concentration: 104 ug/kg





Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

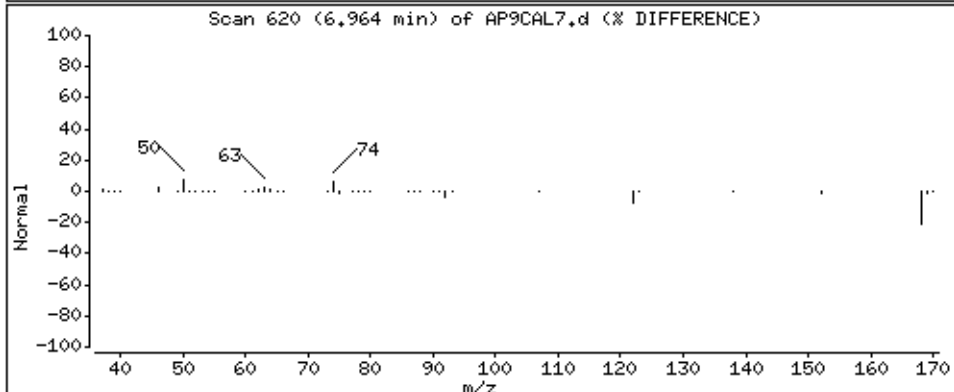
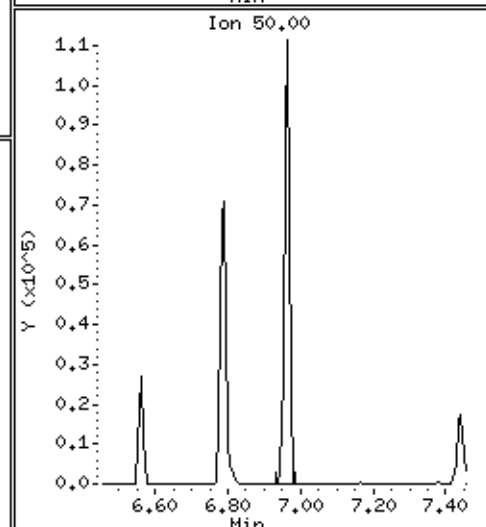
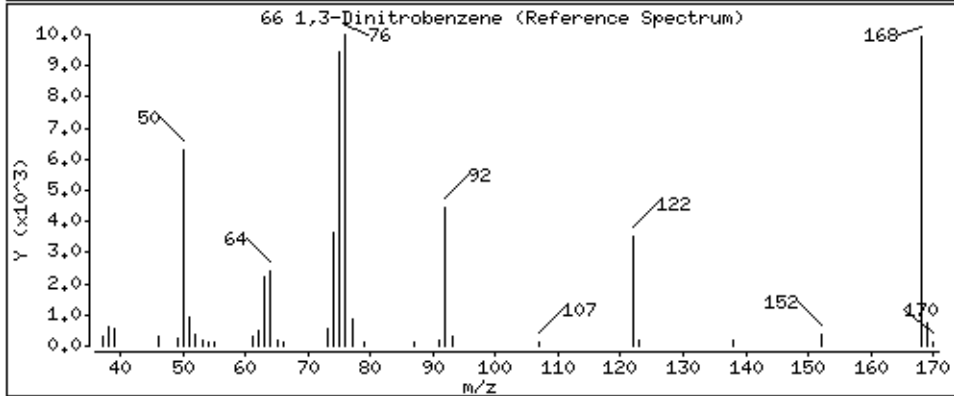
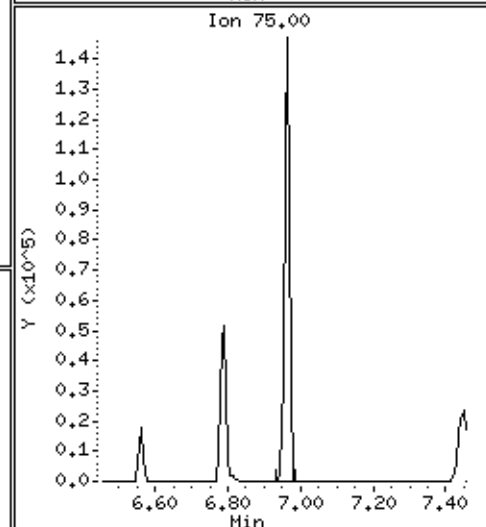
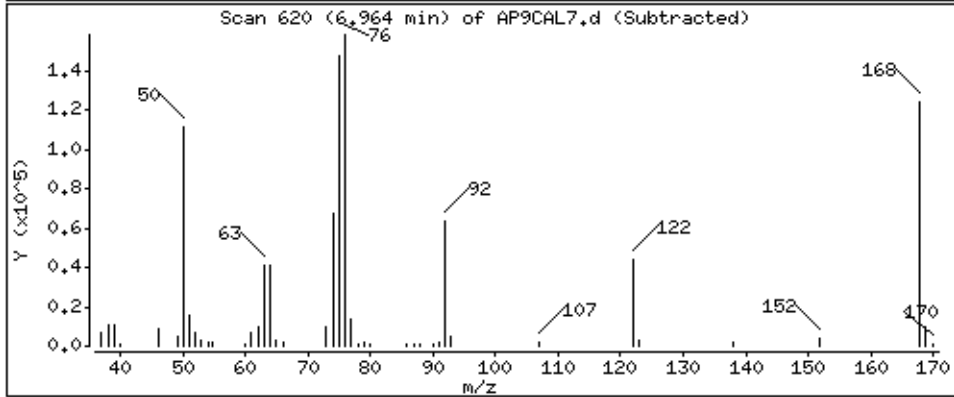
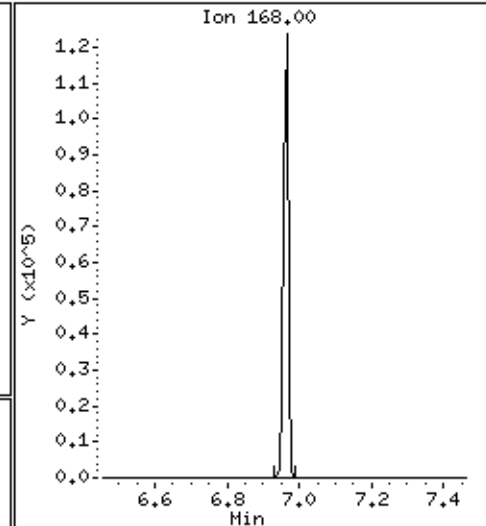
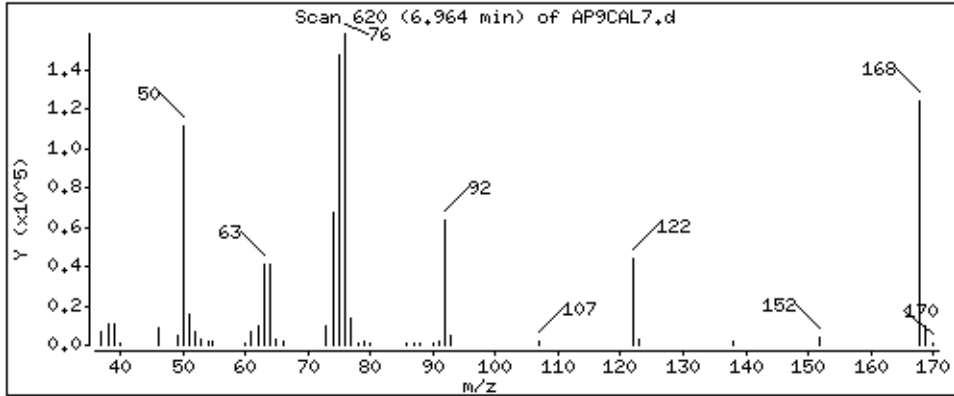
Operator: MJ

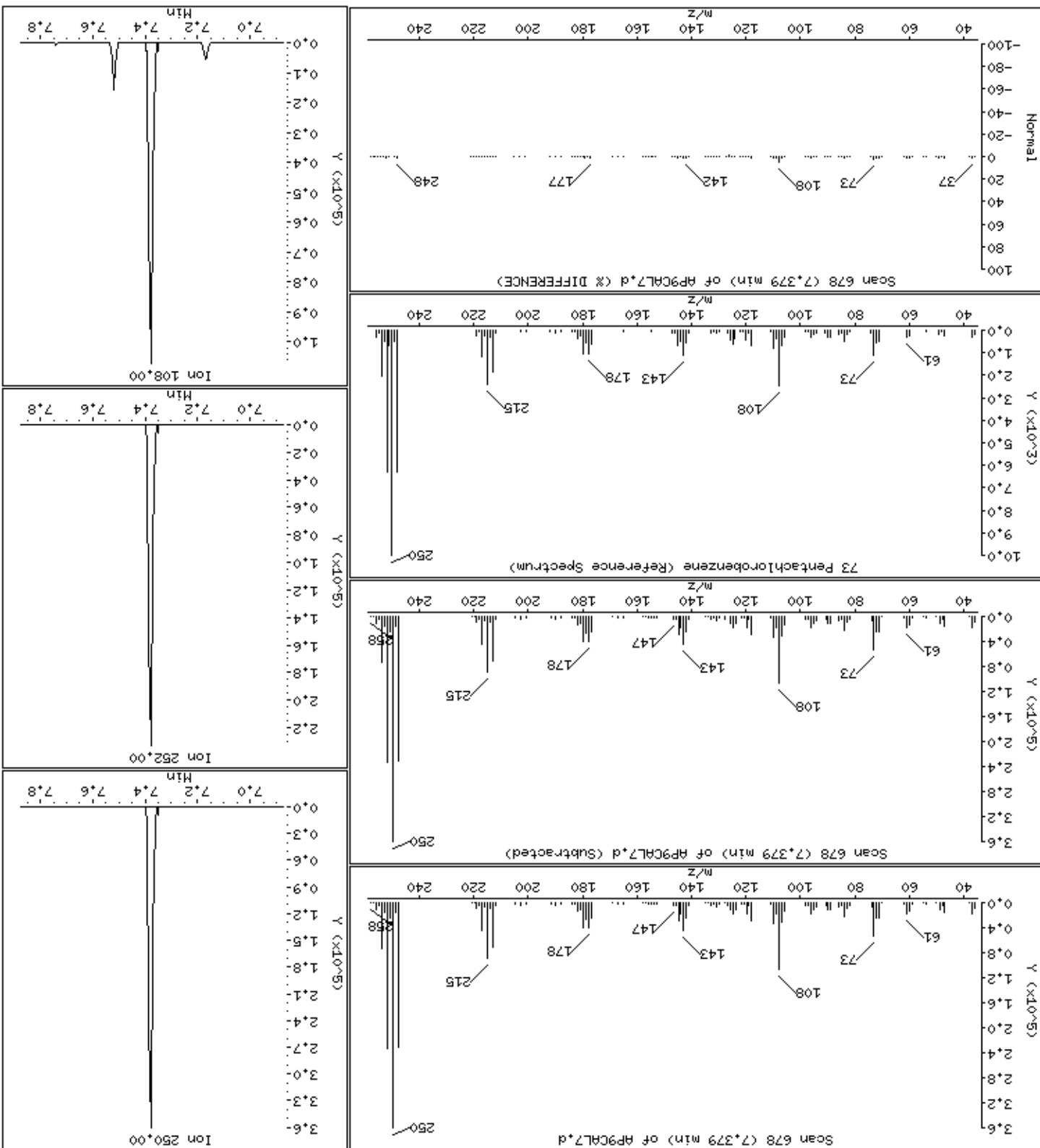
Column phase: HPMS-5

Column diameter: 0,25

66 1,3-Dinitrobenzene

Concentration: 105 ug/kg





Date: 15-NOV-2012 09:25

Client ID: AP9CAL7

Sample Info: 47933

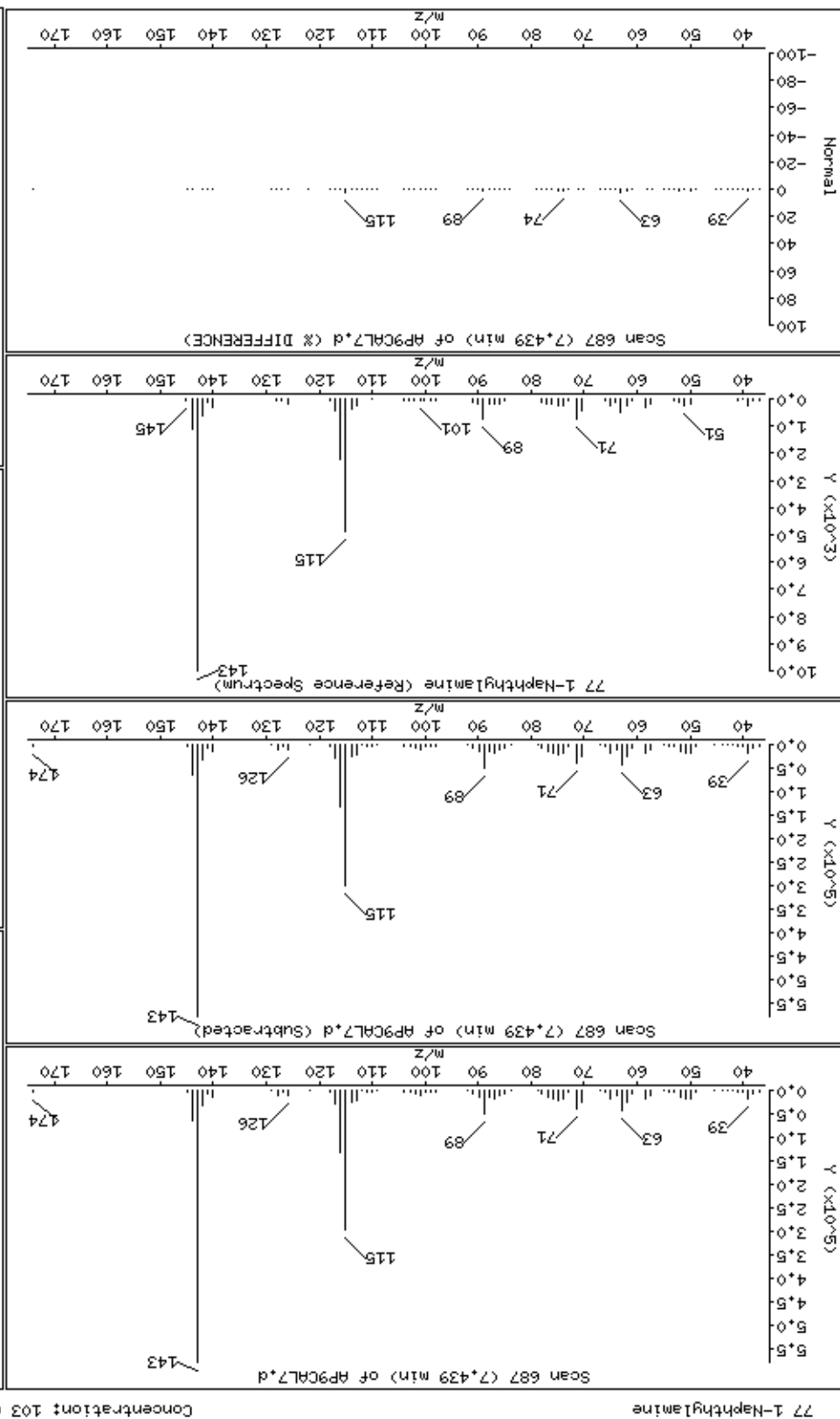
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

Concentration: 103 ug/kg

Instrument: smsd04.1



Date: 15-NOV-2012 09:25

Client ID: AP9CAL7

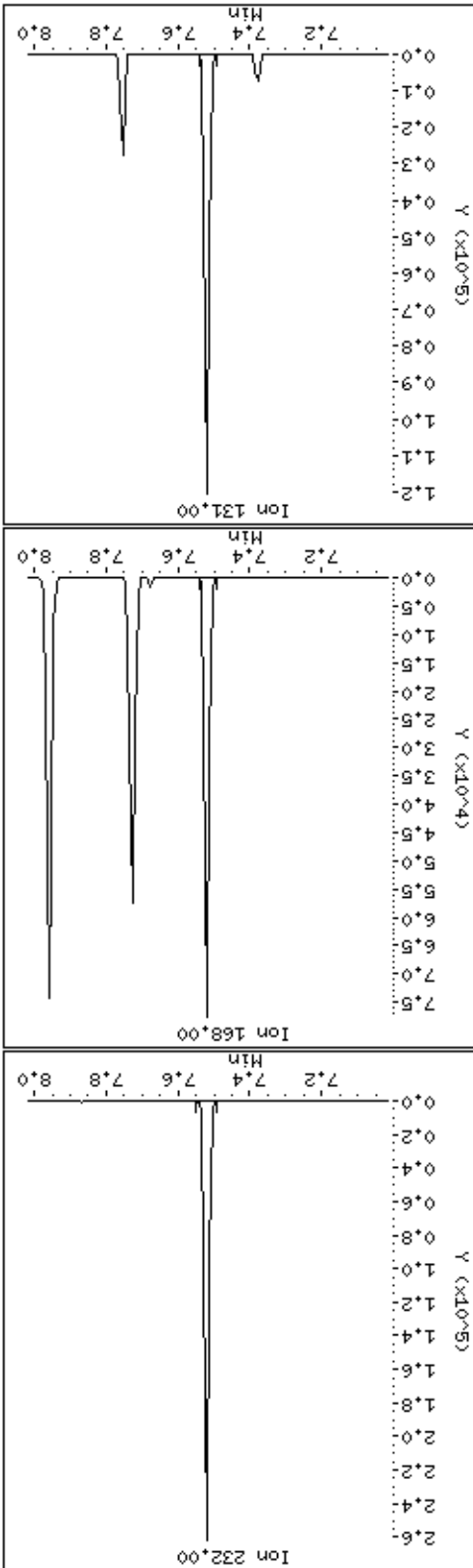
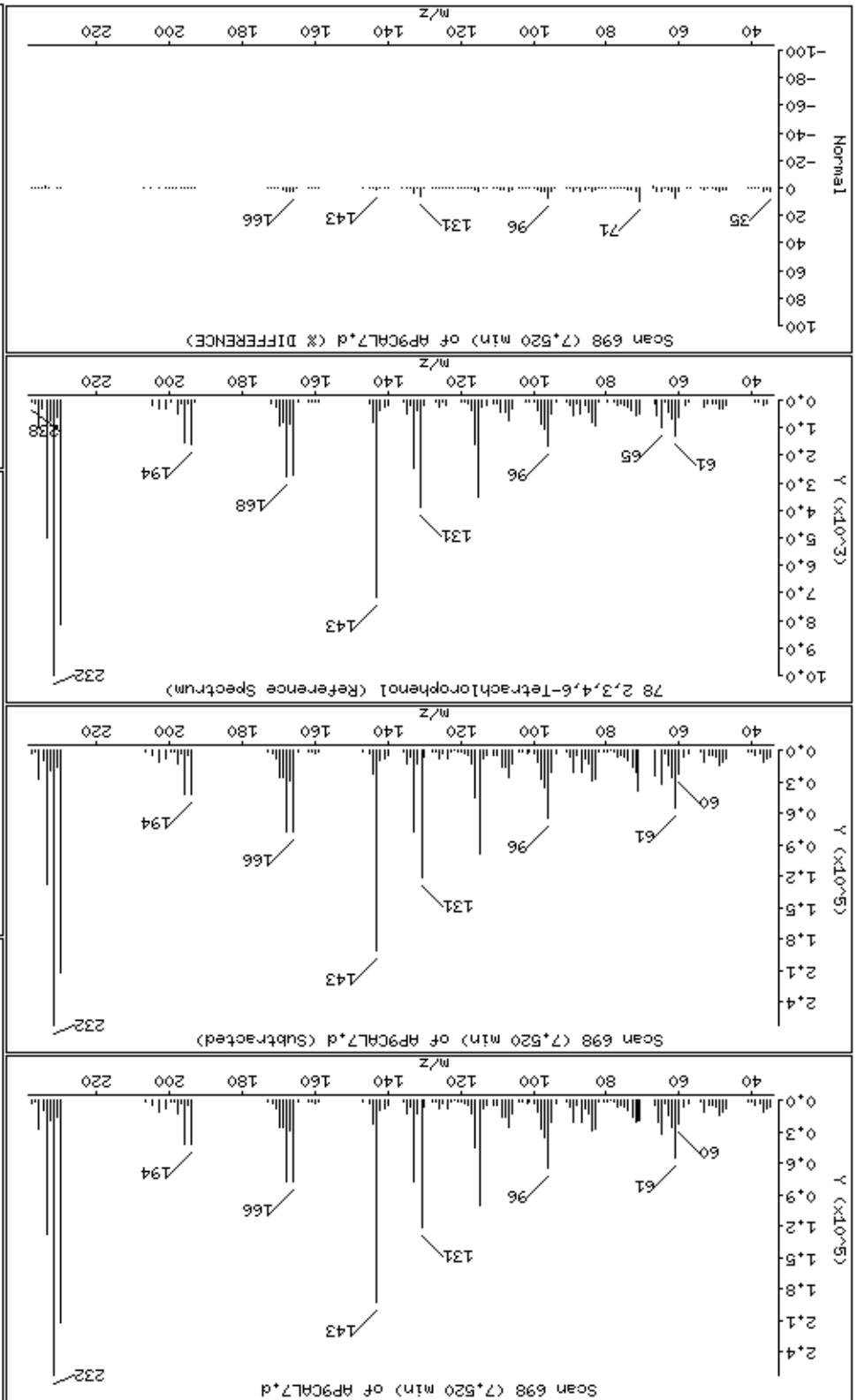
Sample Info: 47933

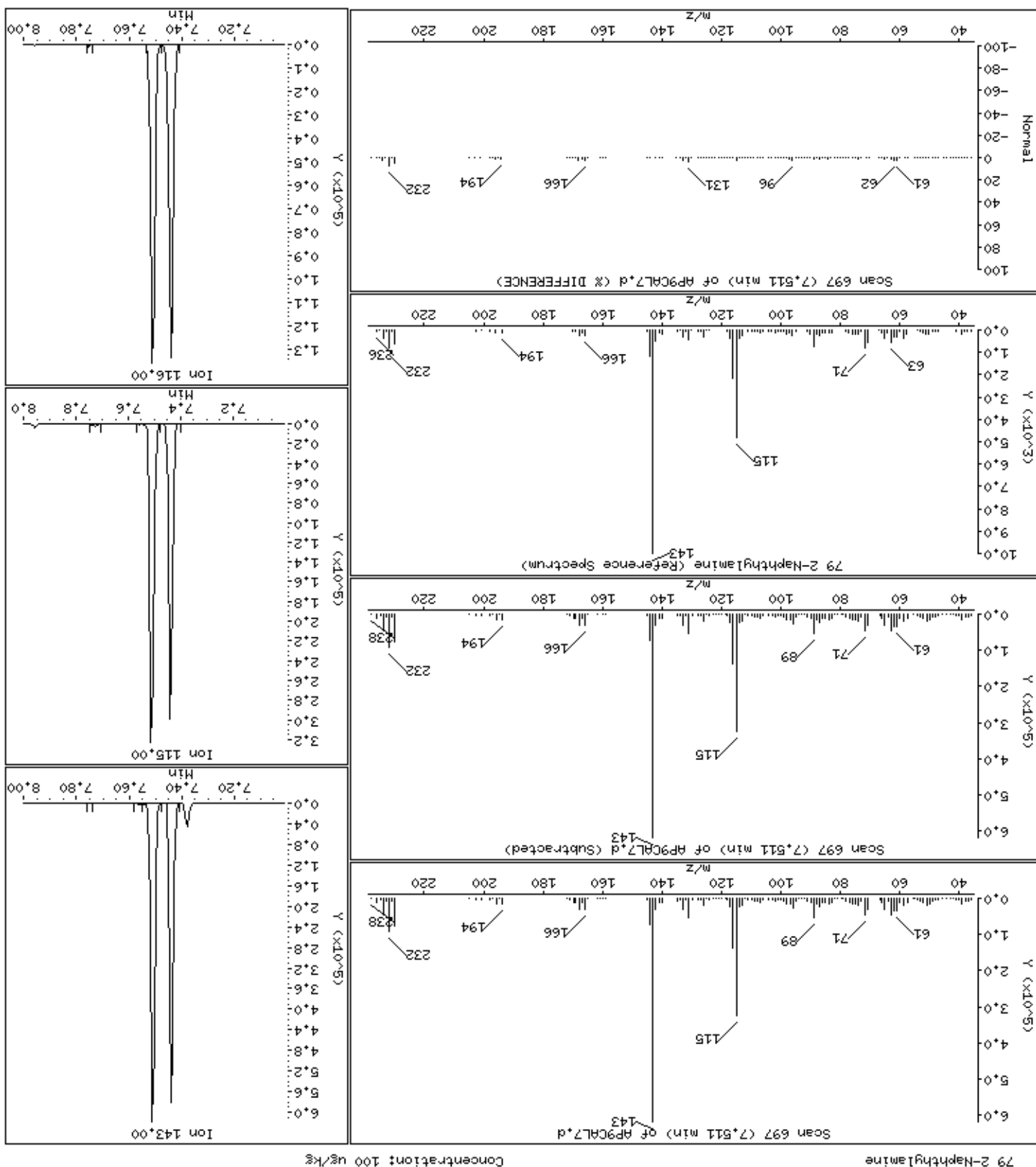
Operator: MJ

Column diameter: 0.25

Concentration: 115 ug/kg

78-2,3,4,6-Tetrachlorophenol





Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

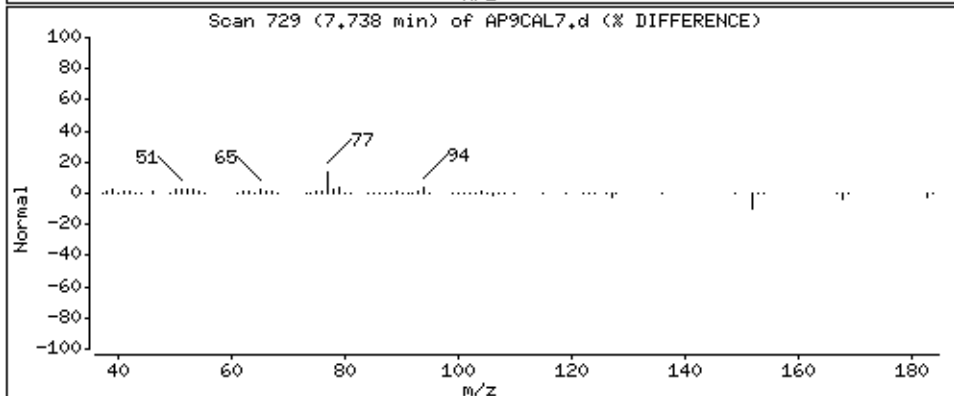
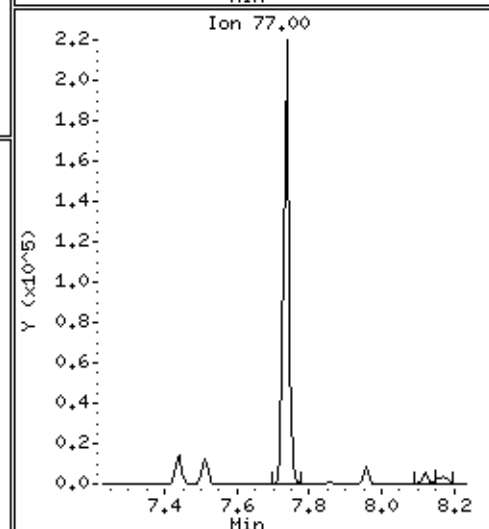
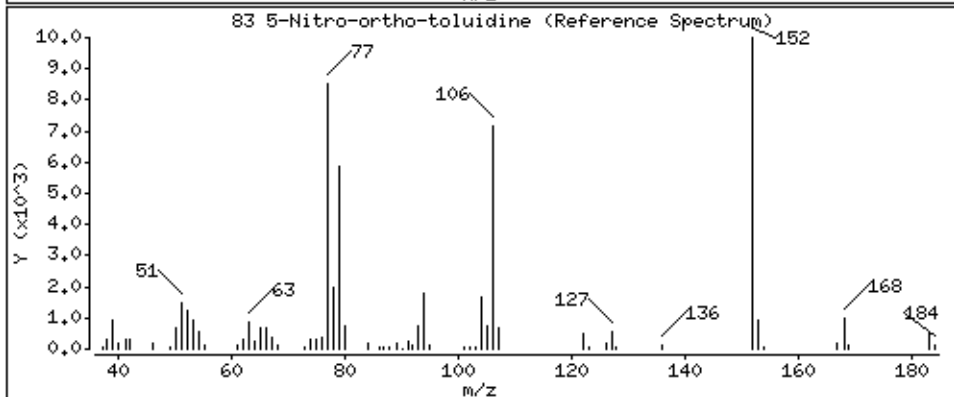
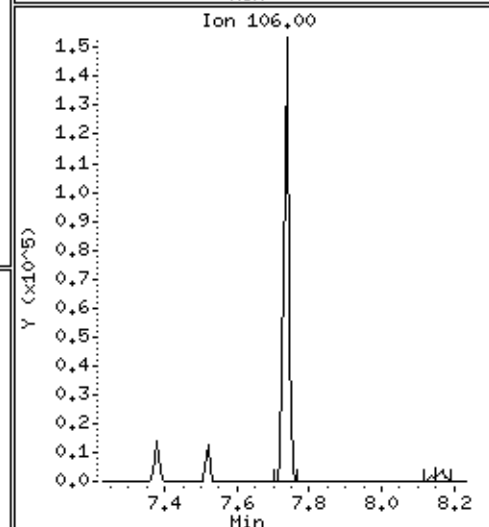
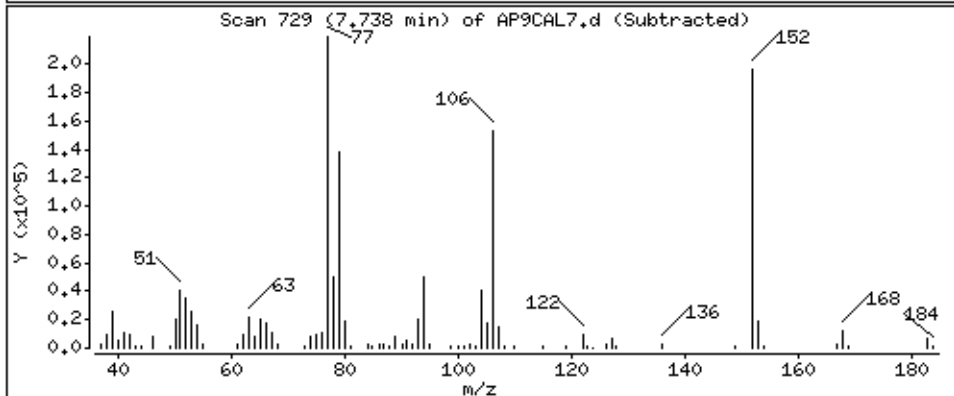
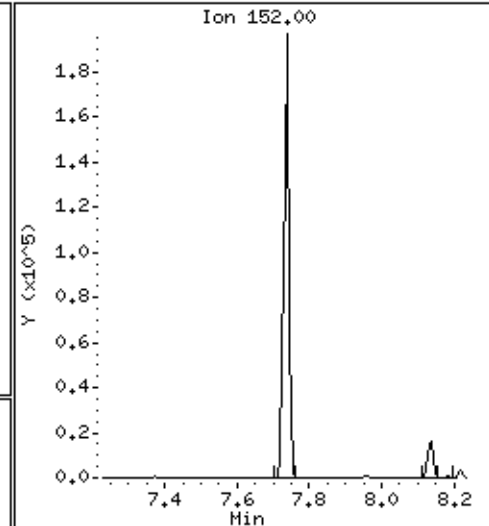
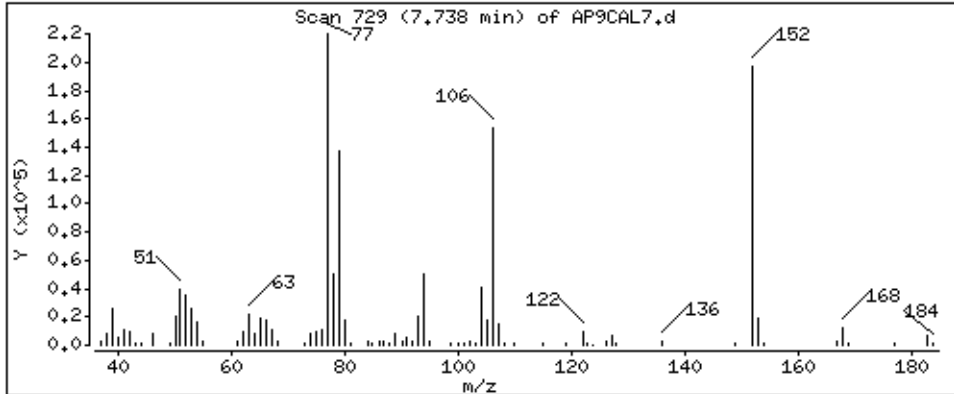
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

83 5-Nitro-ortho-toluidine

Concentration: 103 ug/kg



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

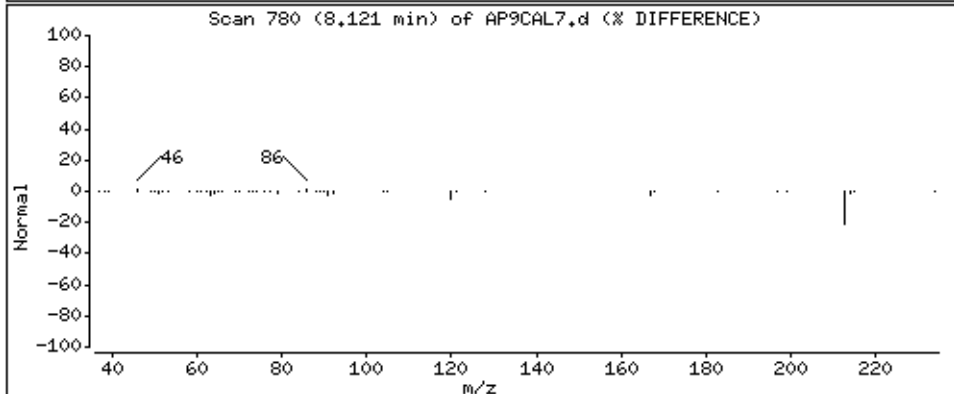
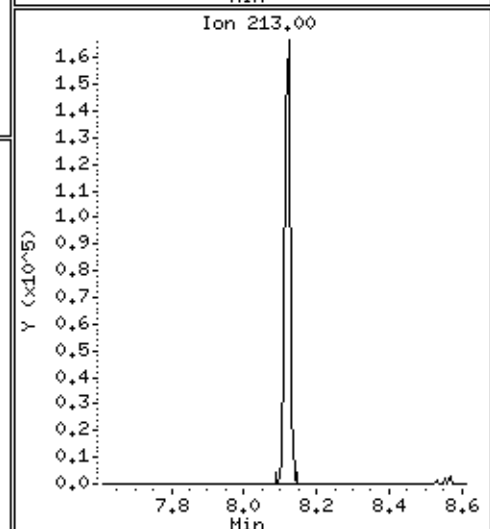
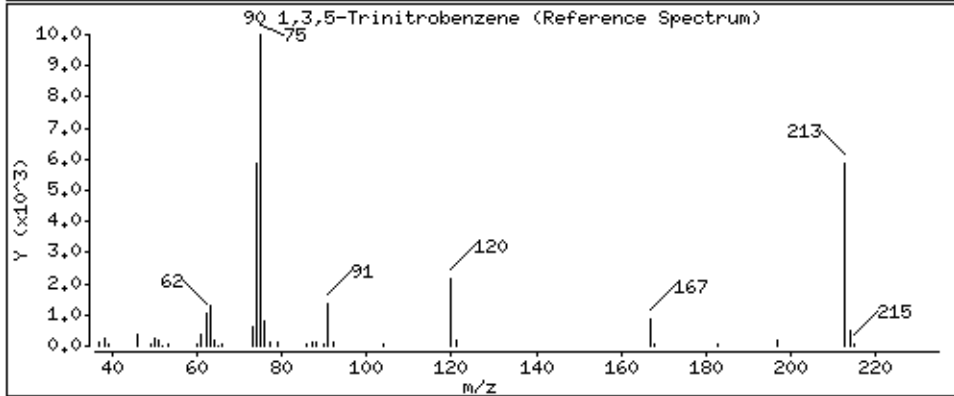
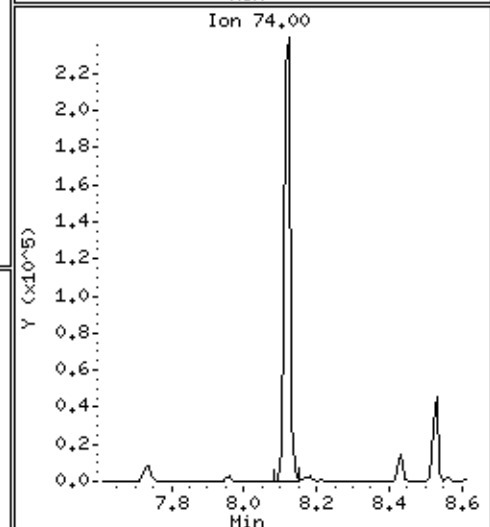
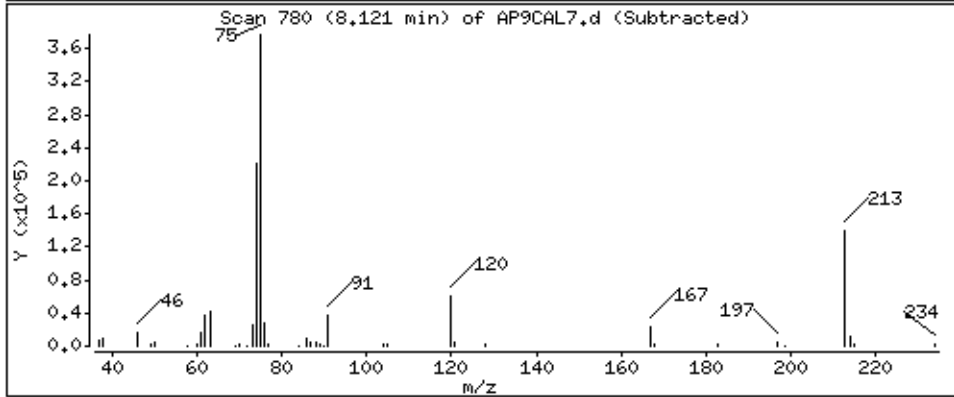
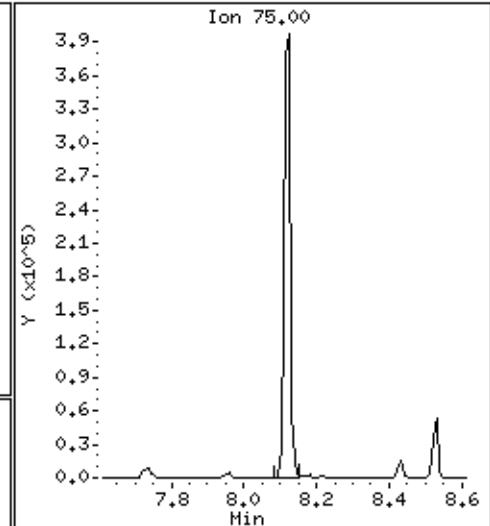
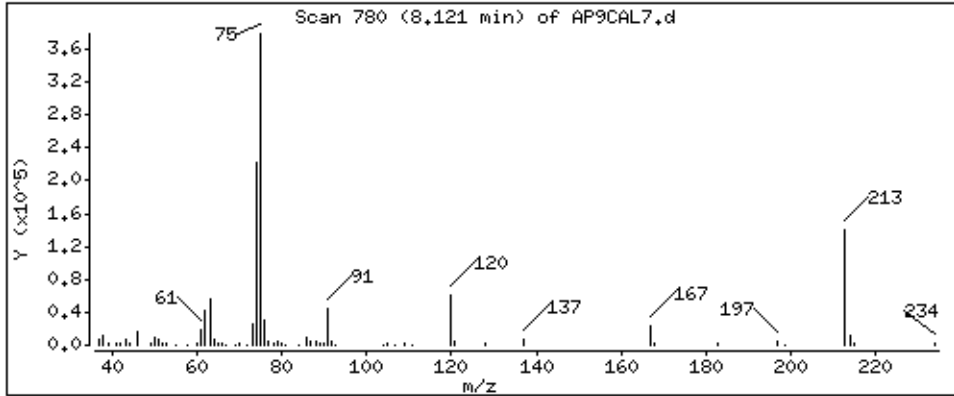
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

90 1,3,5-Trinitrobenzene

Concentration: 98,9 ug/kg



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

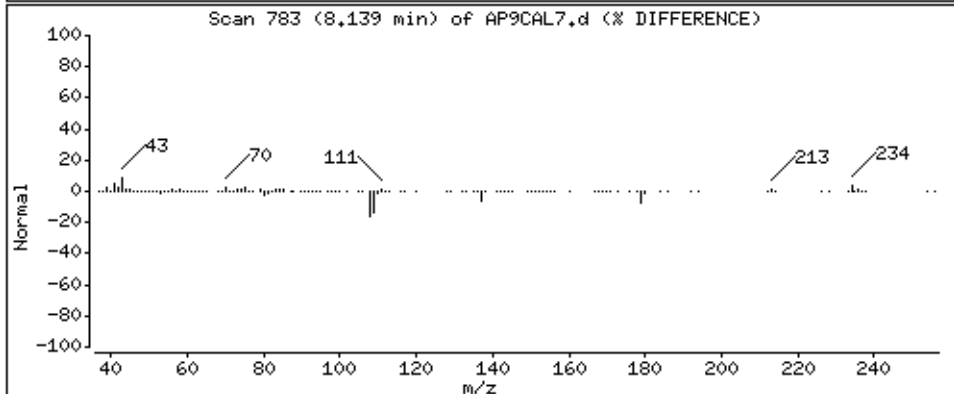
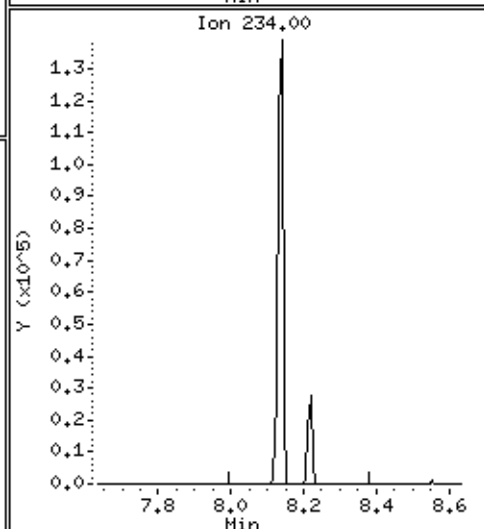
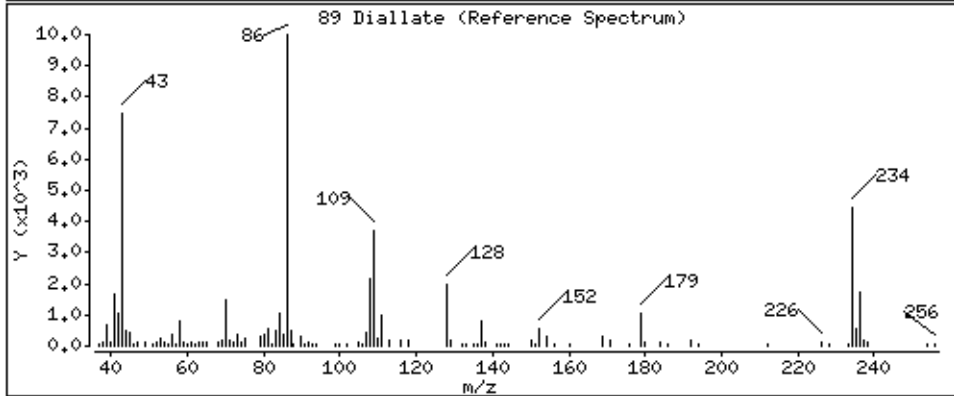
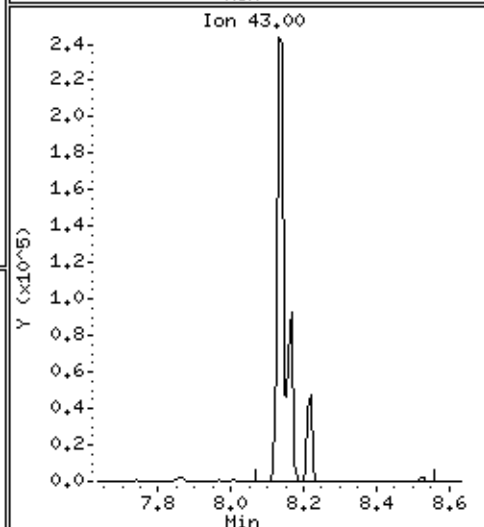
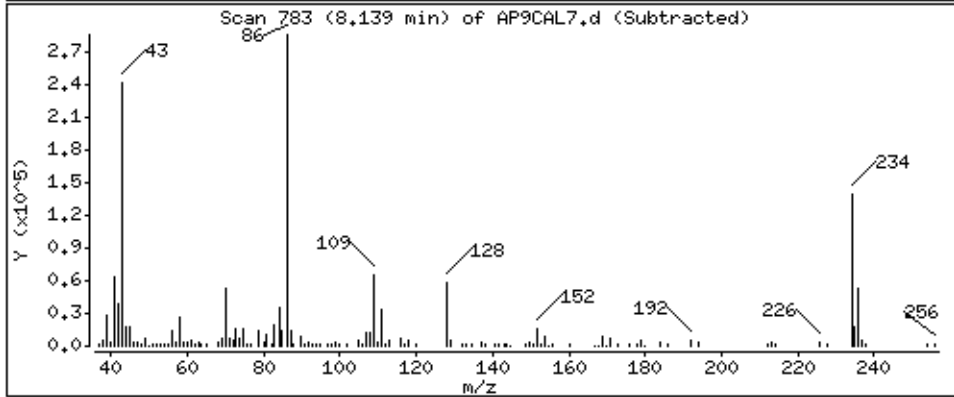
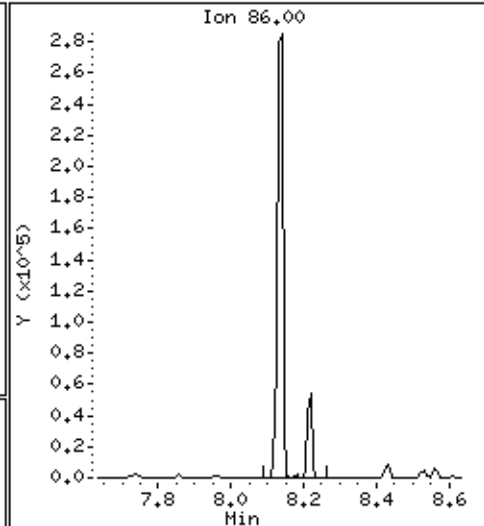
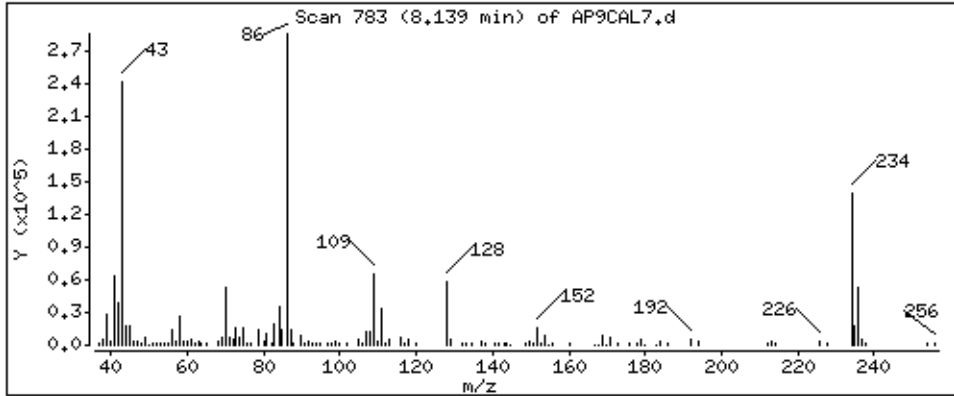
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

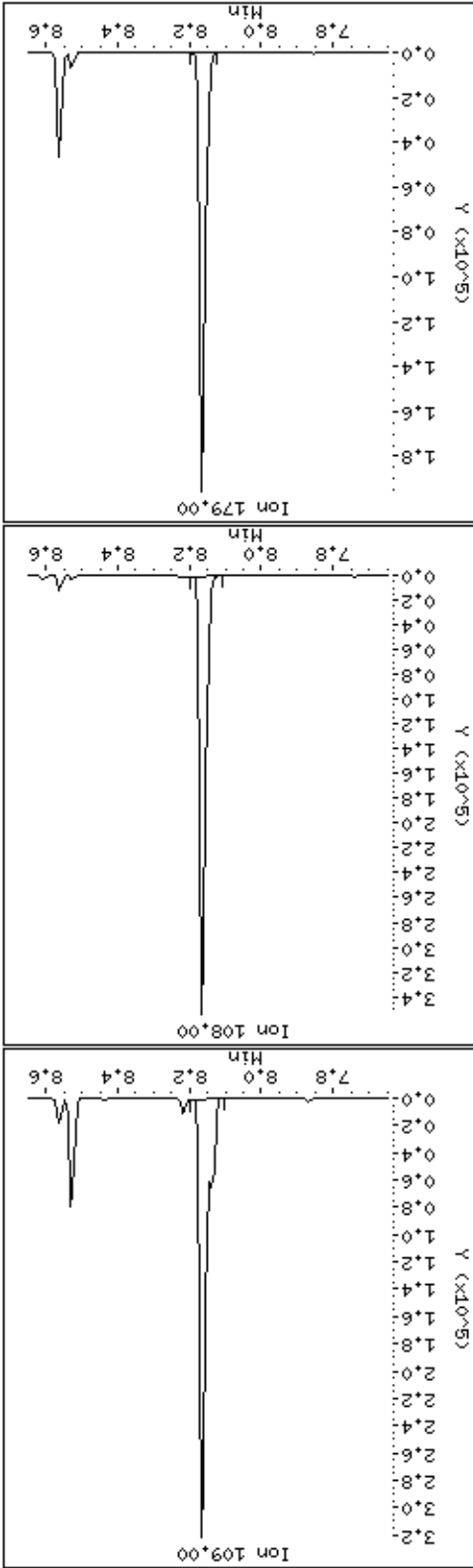
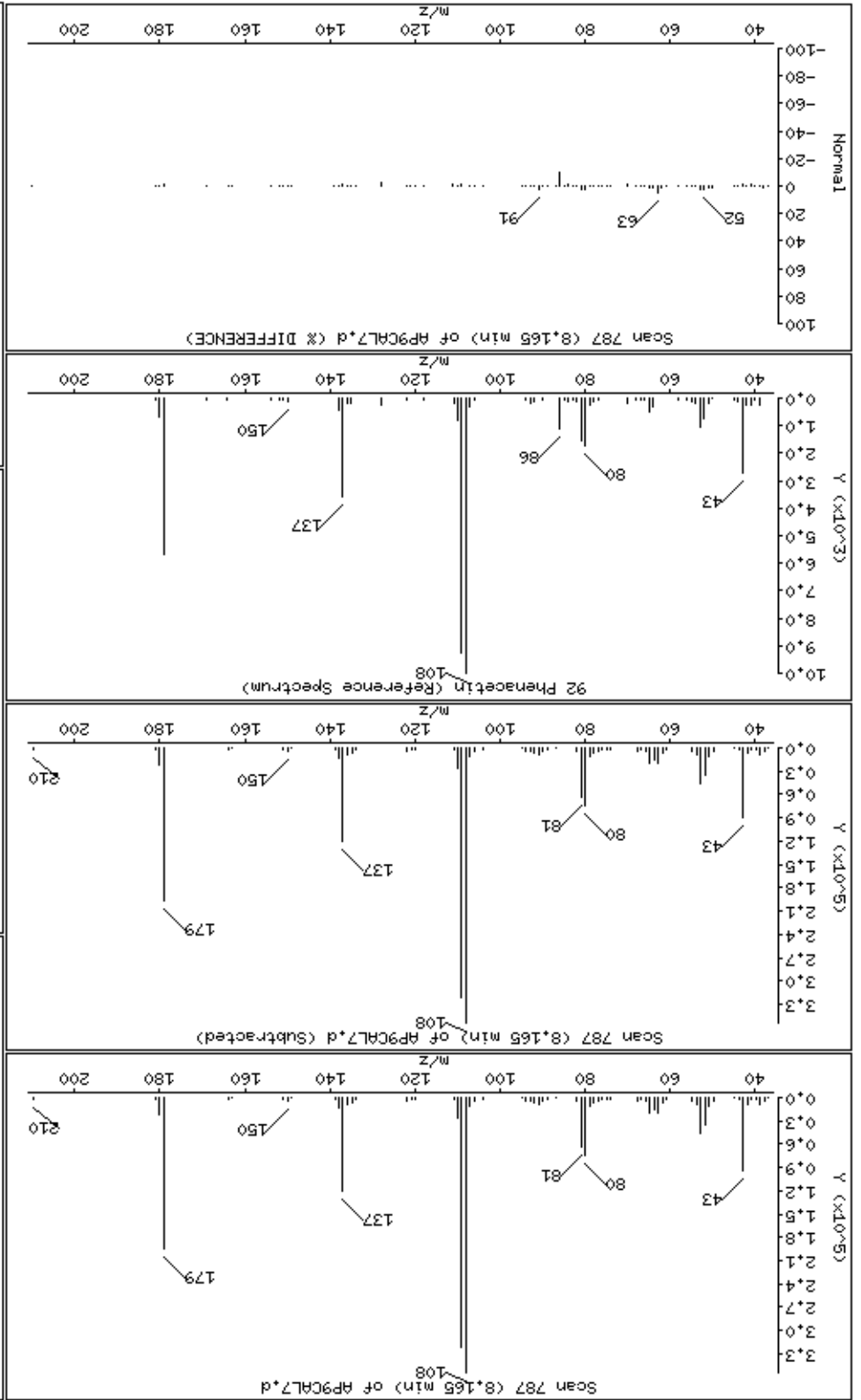
89 Diallate

Concentration: 104 ug/kg



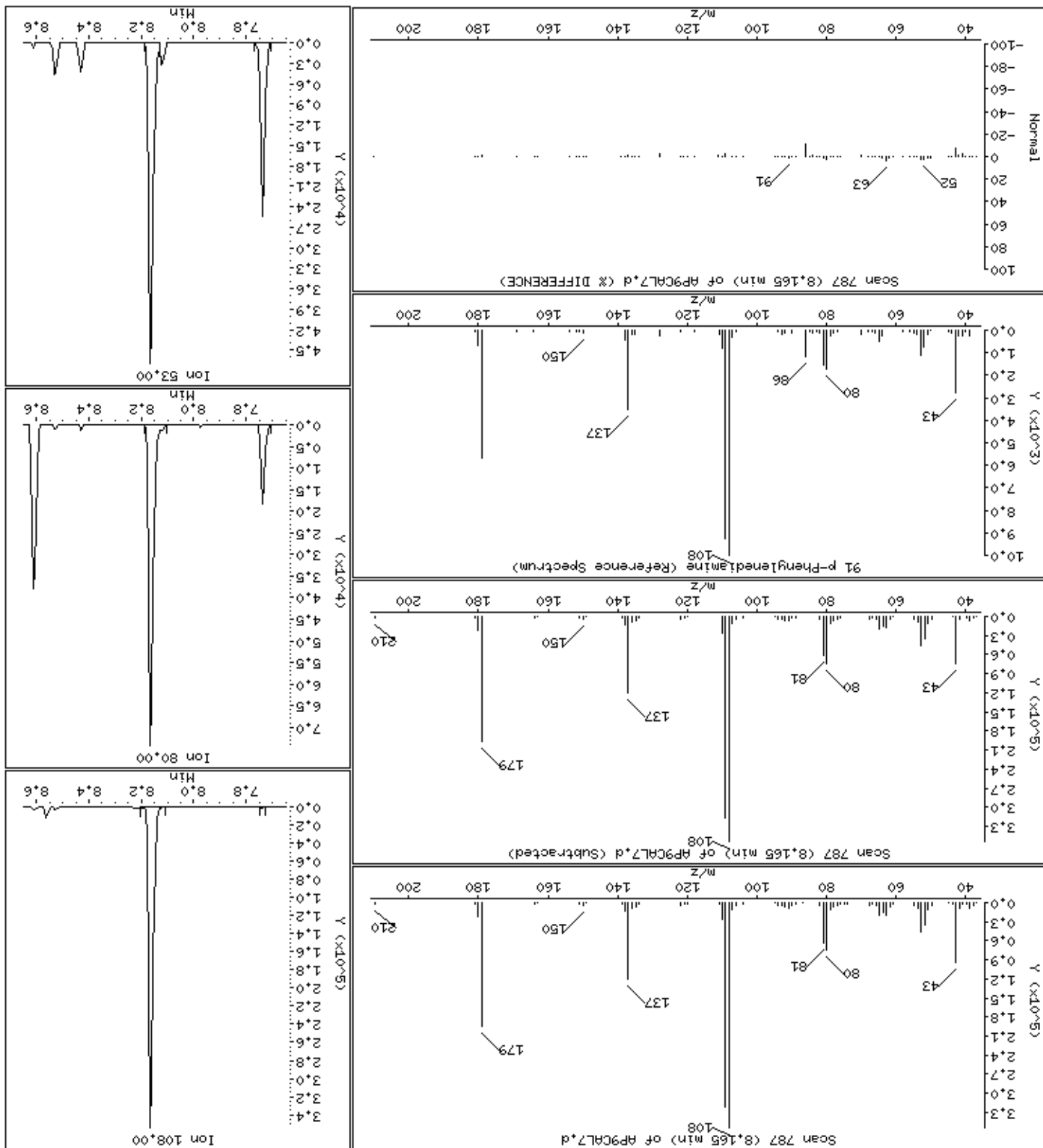


92 Phenacetin

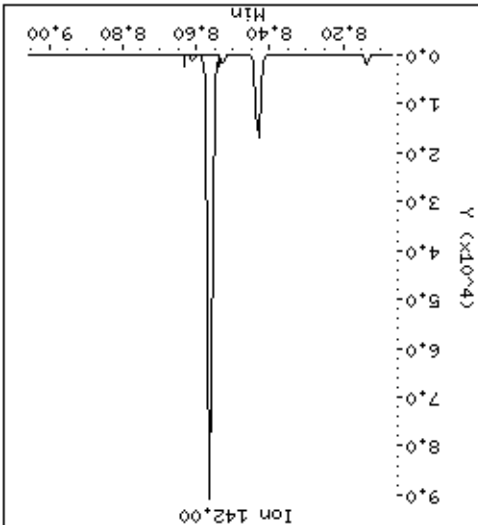
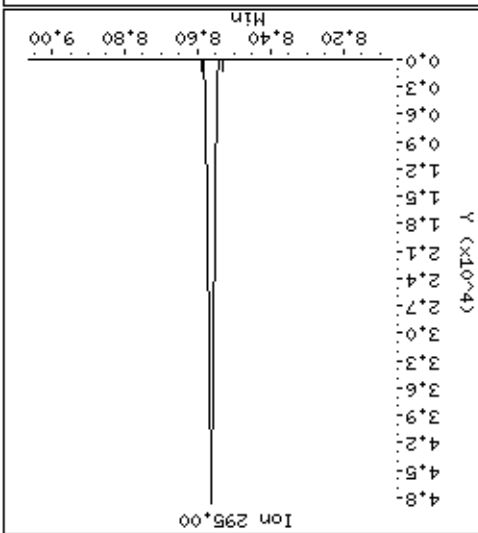
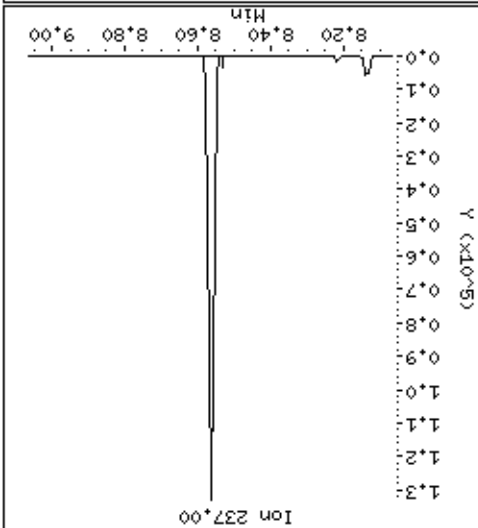
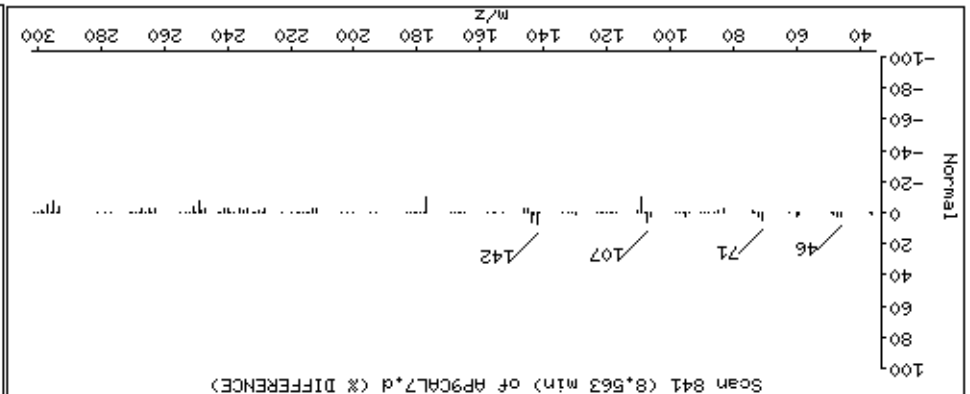
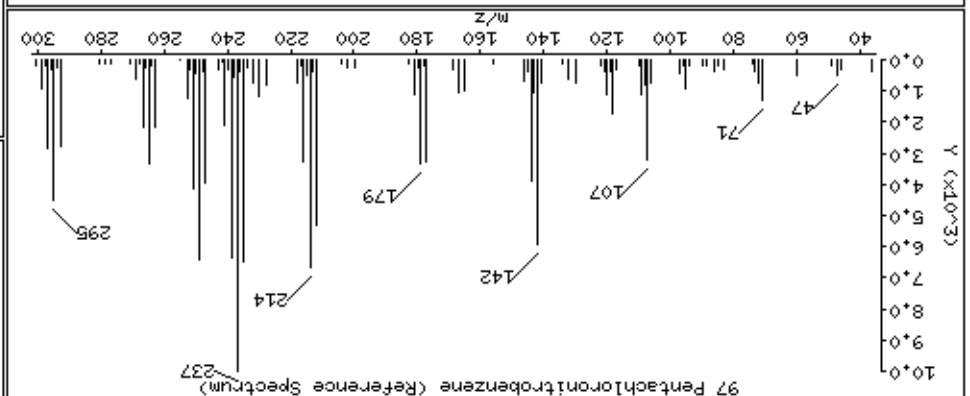
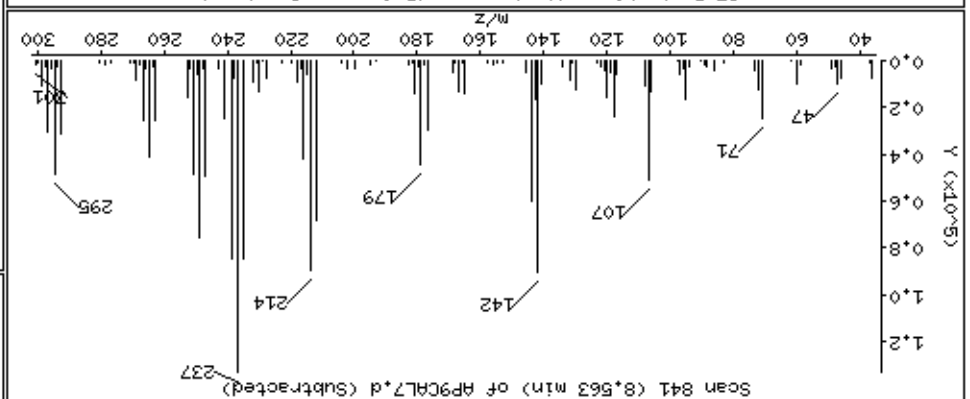
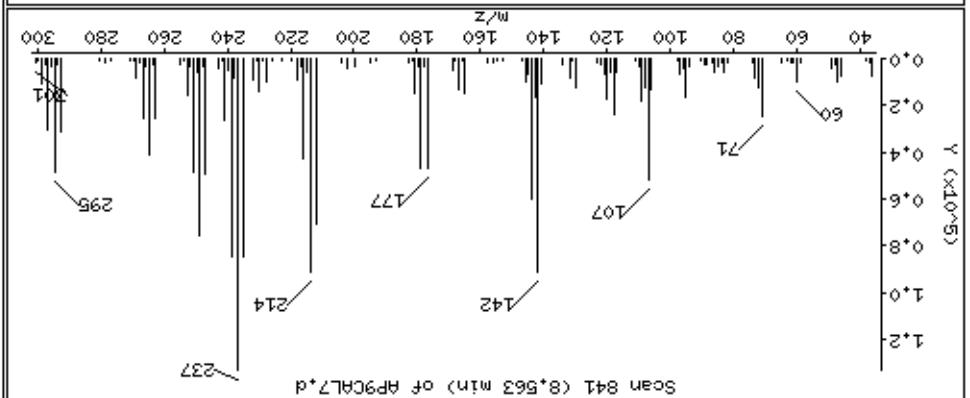


91-p-Phenylenediamine

Column phase: HPMS-5



97 Pentachloronitrobenzene



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

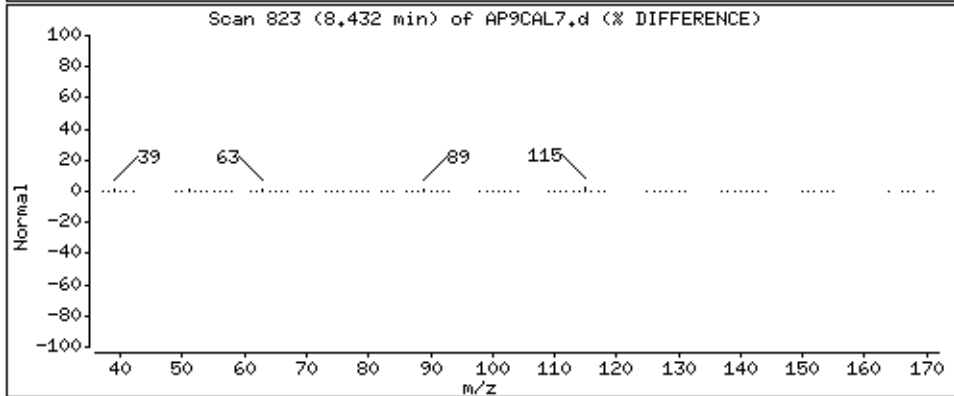
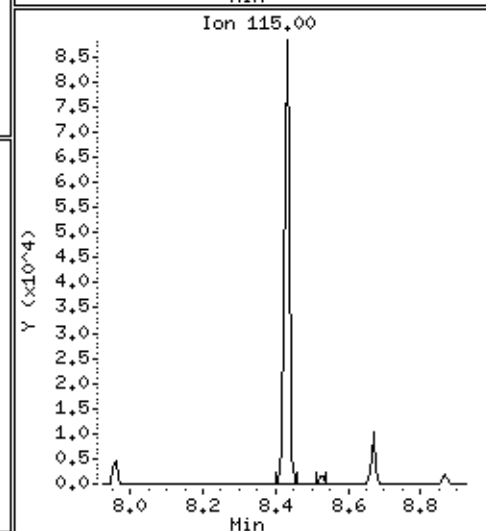
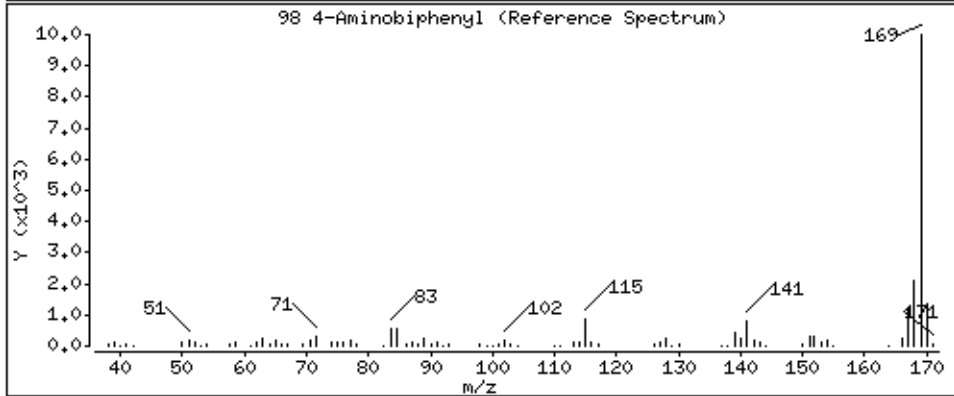
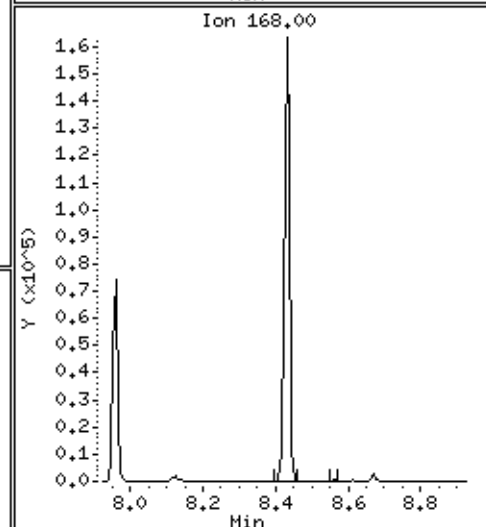
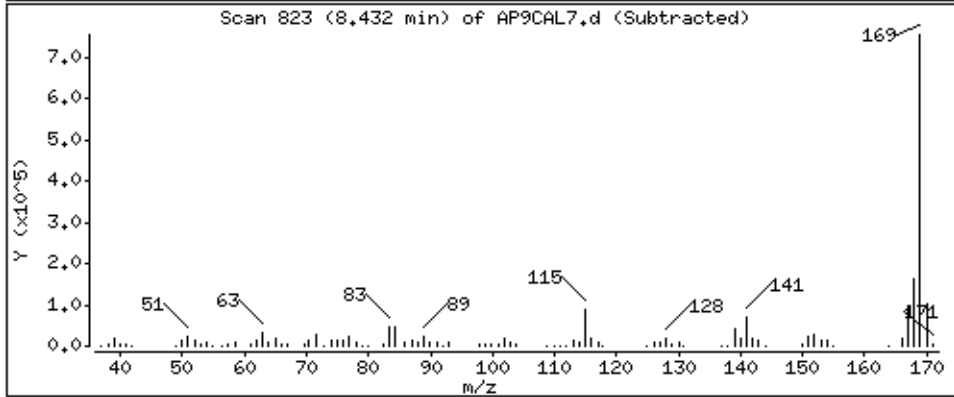
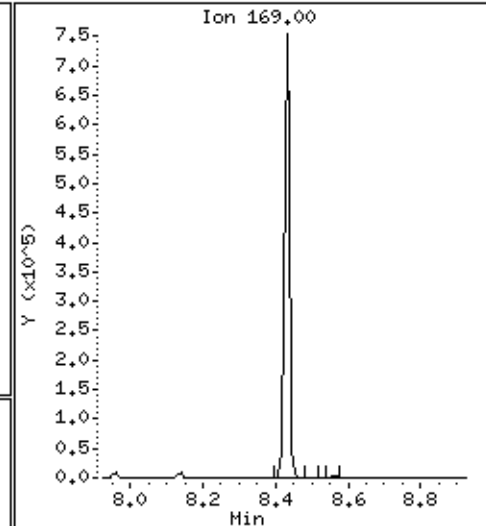
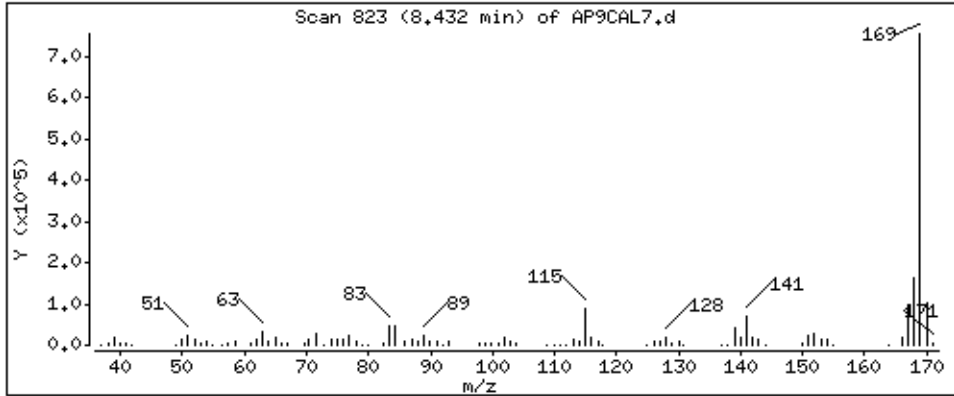
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

98 4-Aminobiphenyl

Concentration: 104 ug/kg



Date: 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.1

Sample Info: 47933

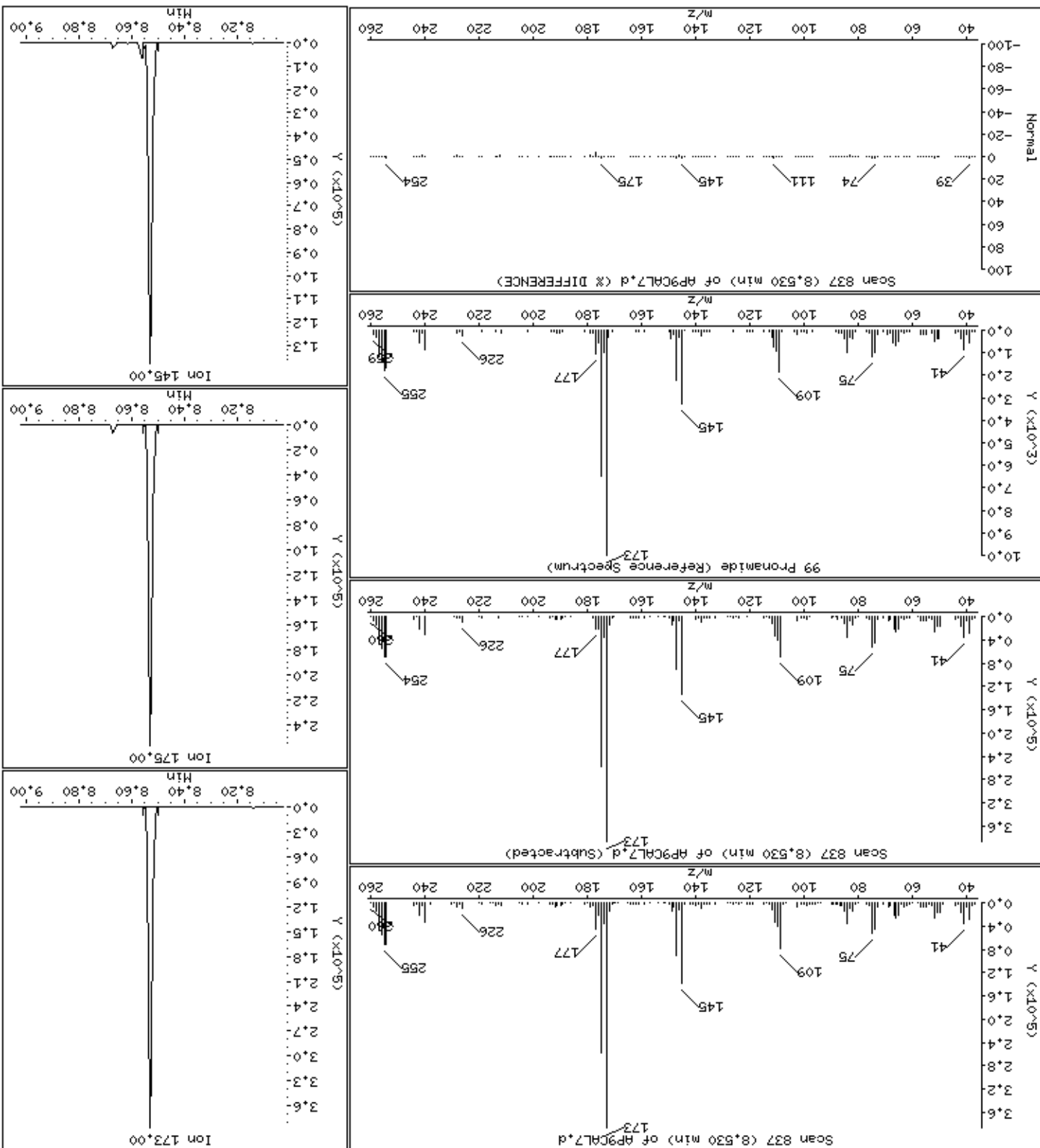
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

Concentration: 111 ug/kg

99 Promamide



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

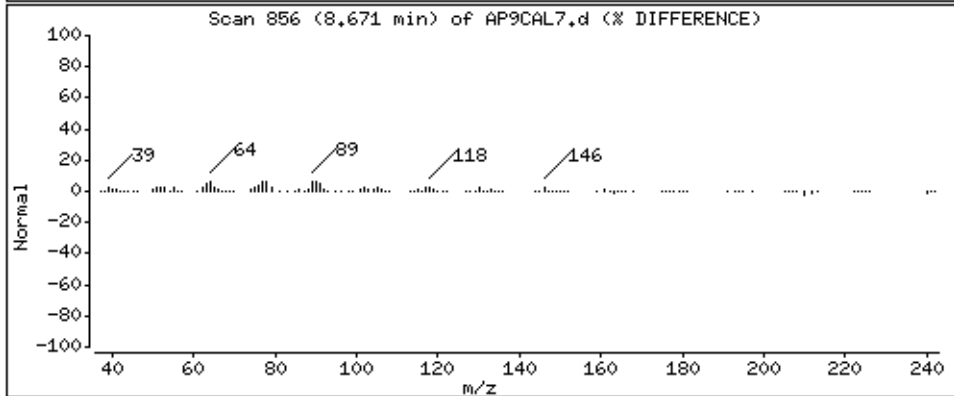
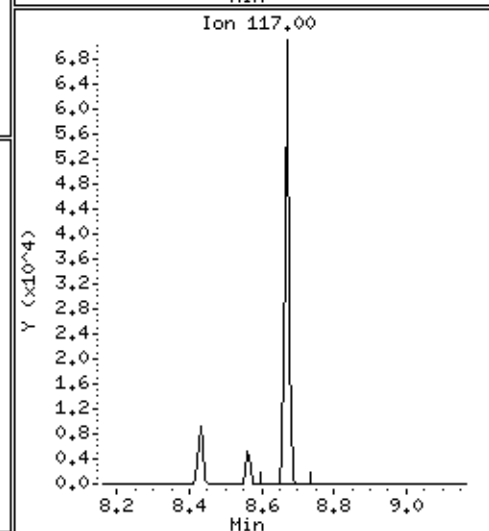
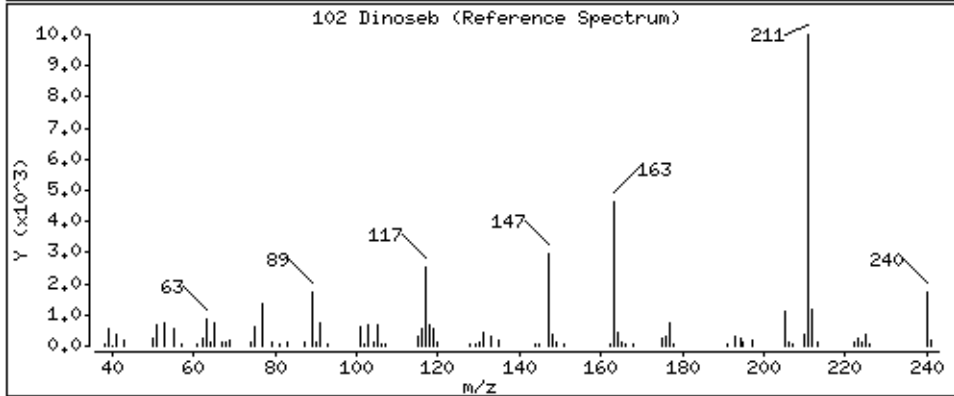
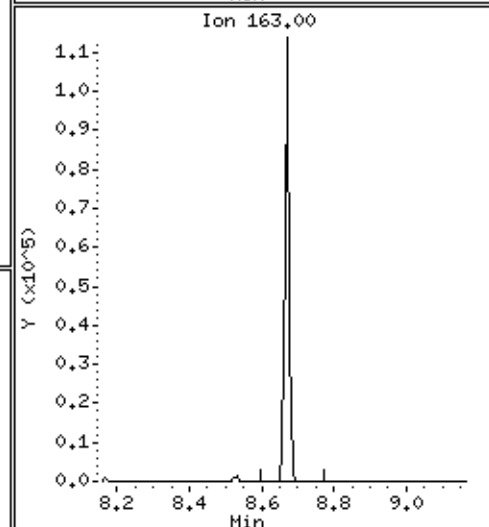
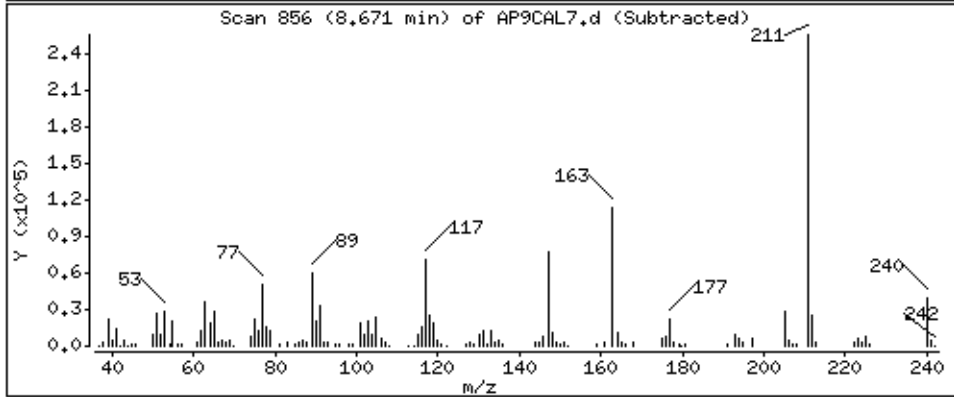
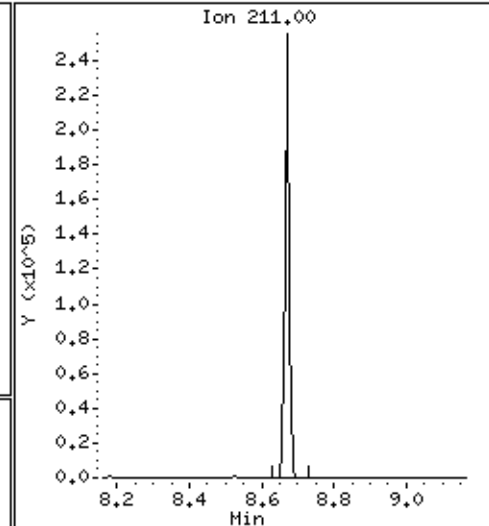
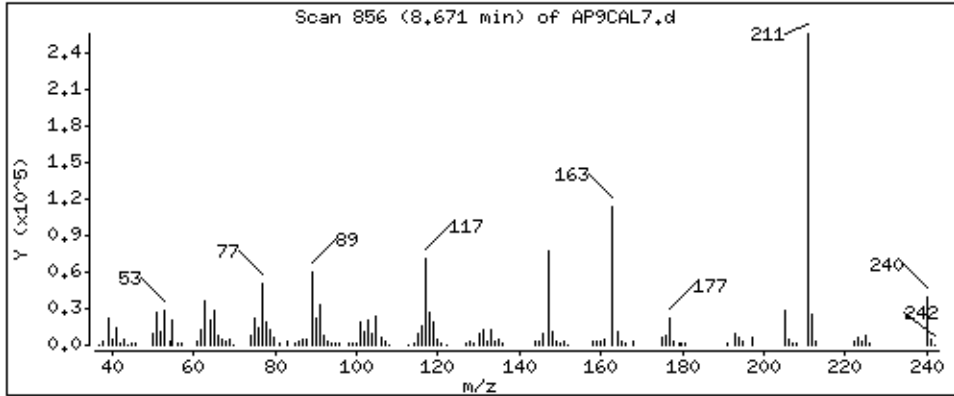
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

102 Dinoseb

Concentration: 101 ug/kg



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

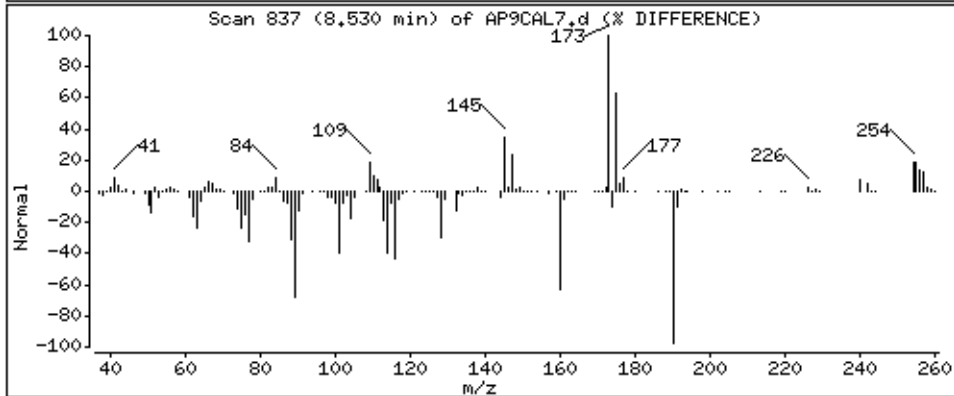
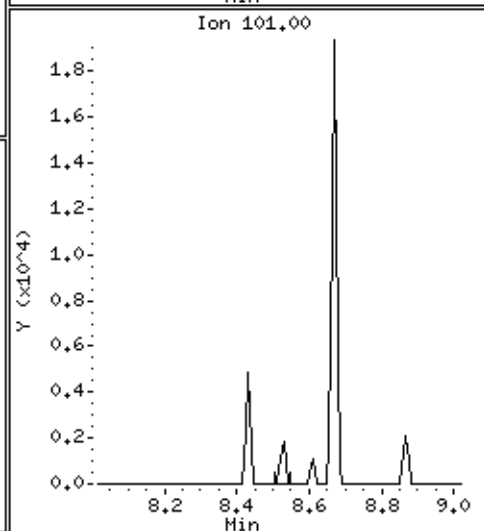
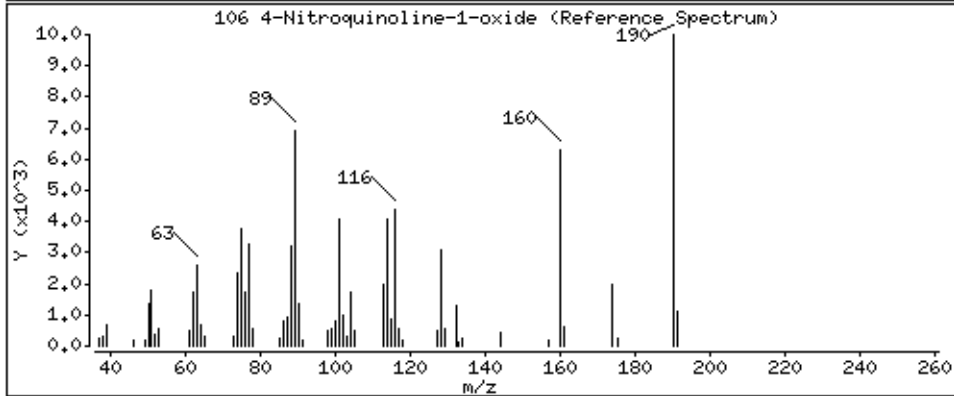
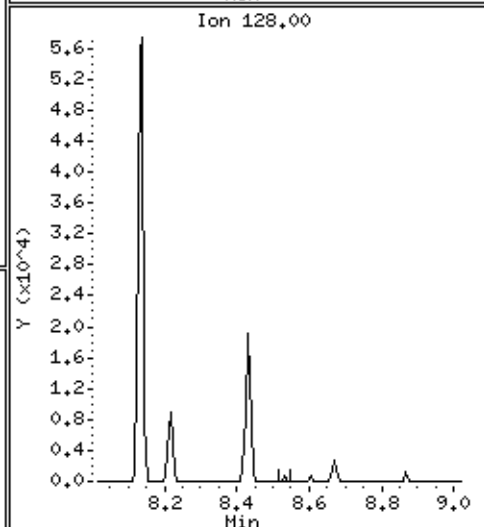
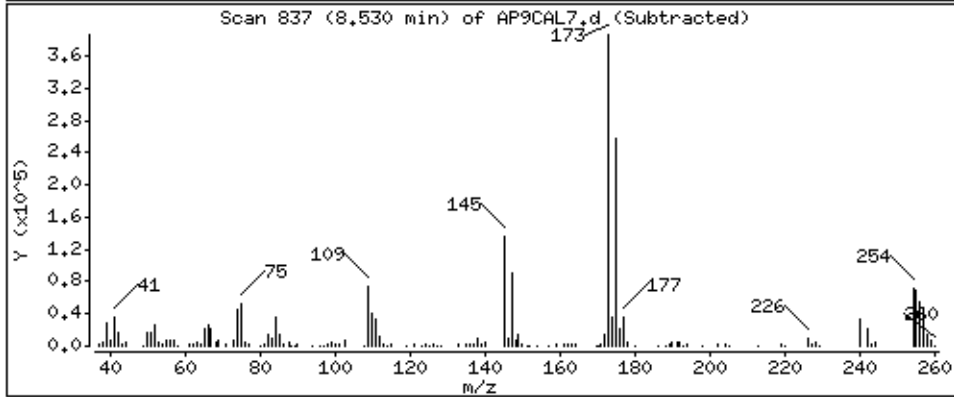
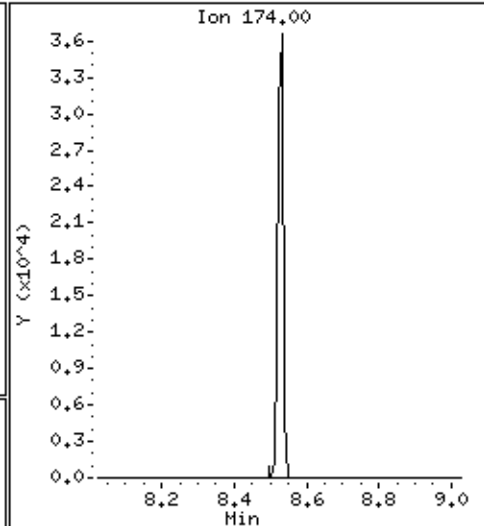
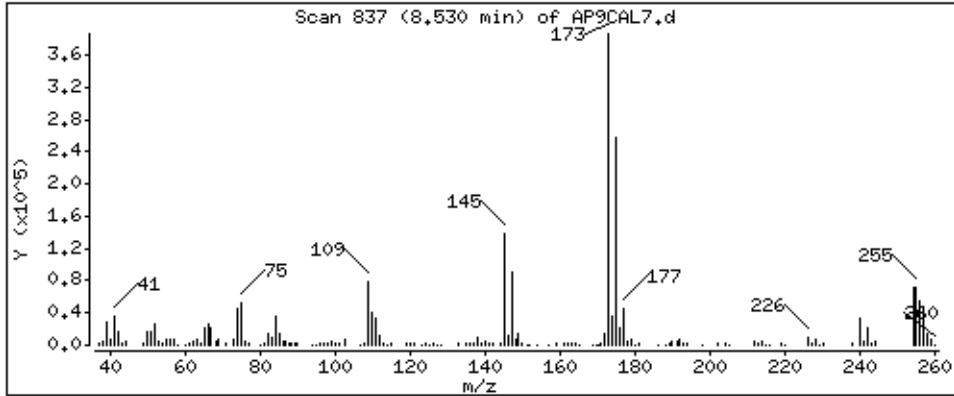
Operator: MJ

Column phase: HPMS-5

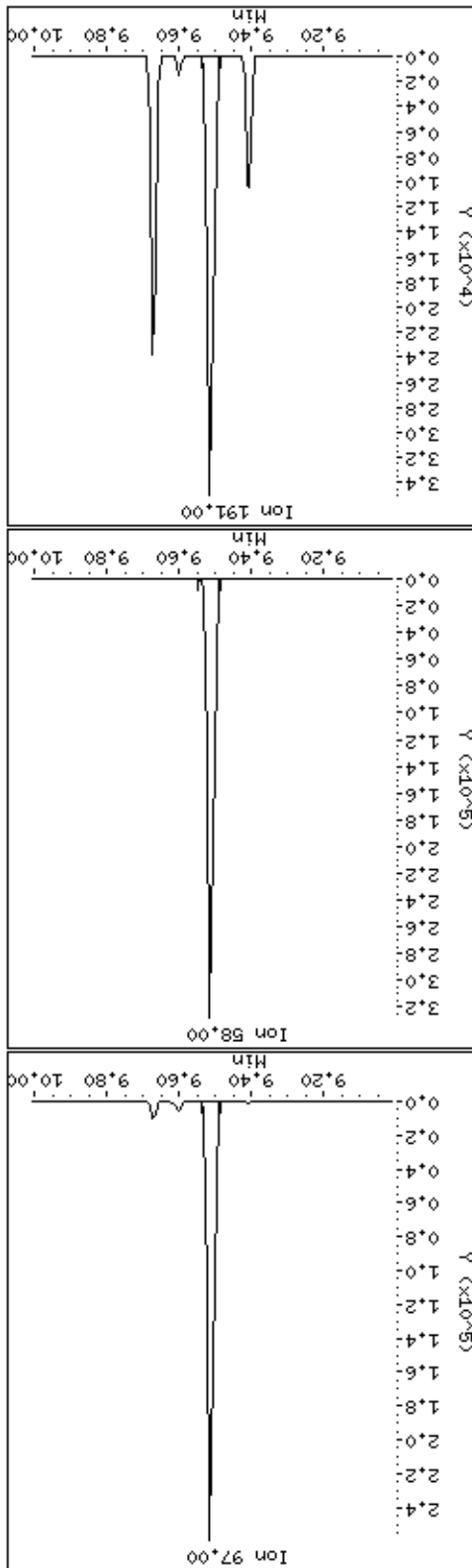
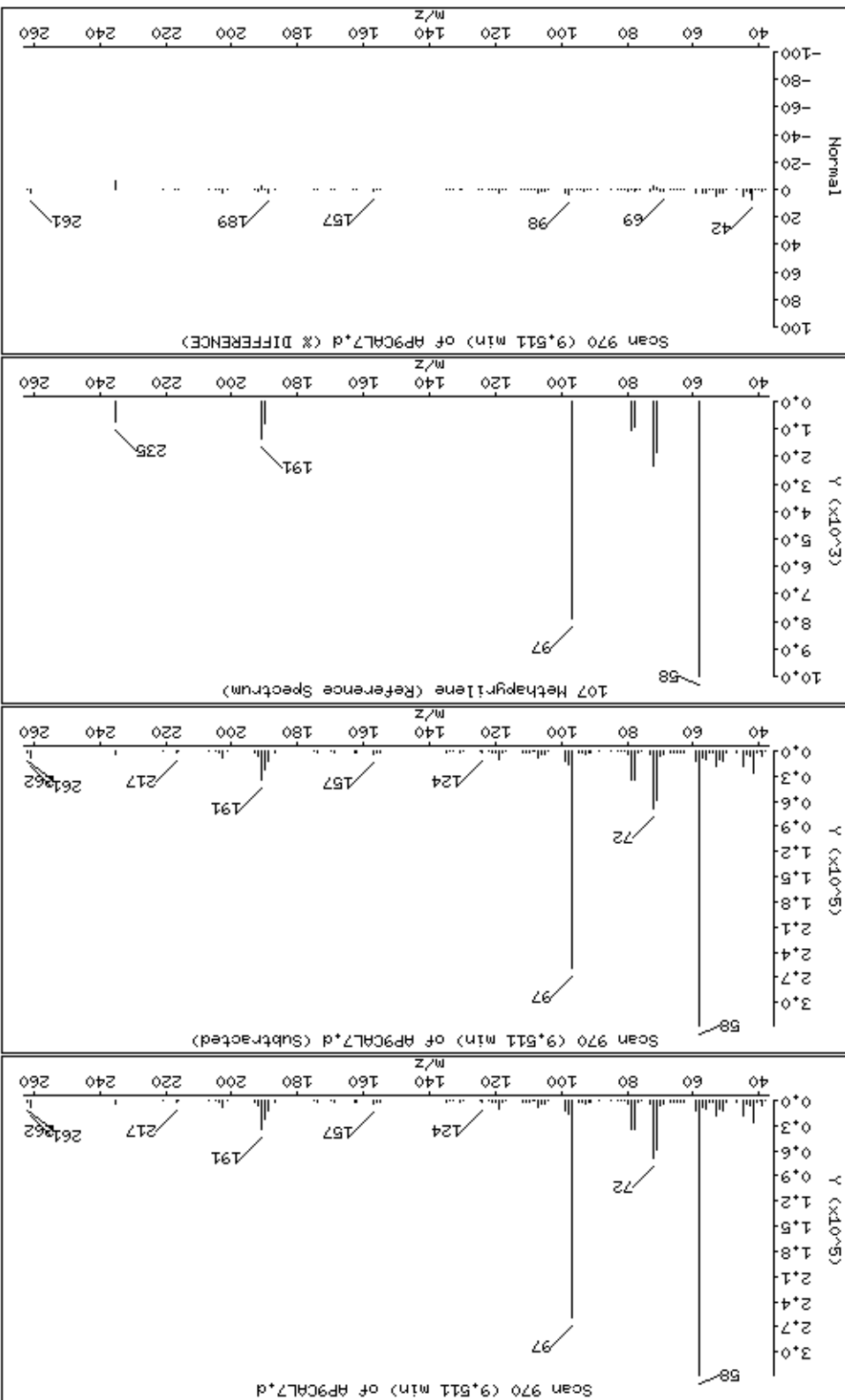
Column diameter: 0,25

106 4-Nitroquinoline-1-oxide

Concentration: 110 ug/kg



107 Methapyriene





Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

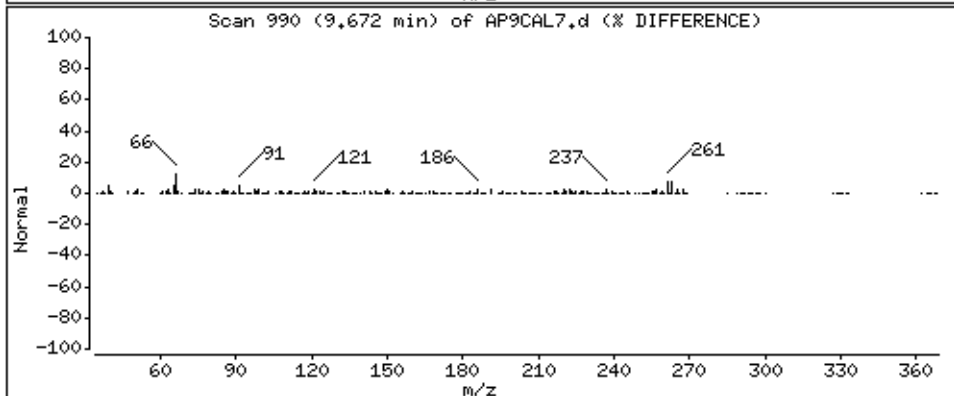
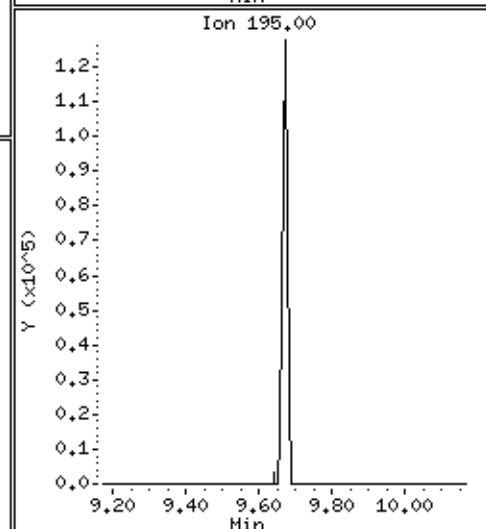
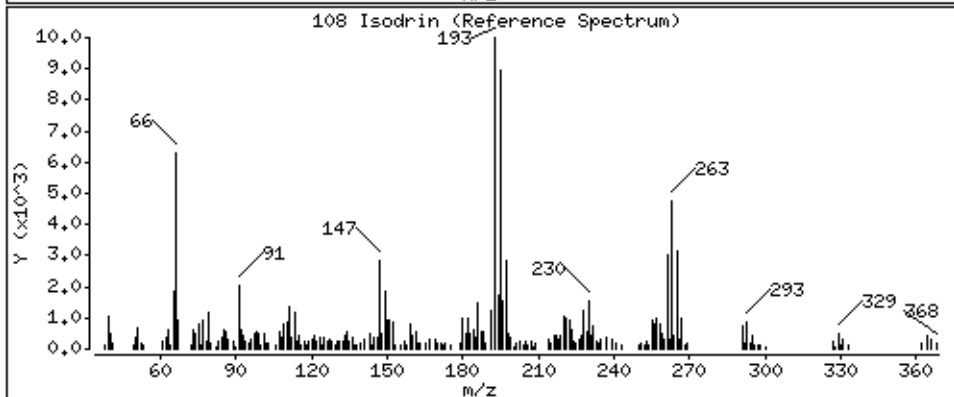
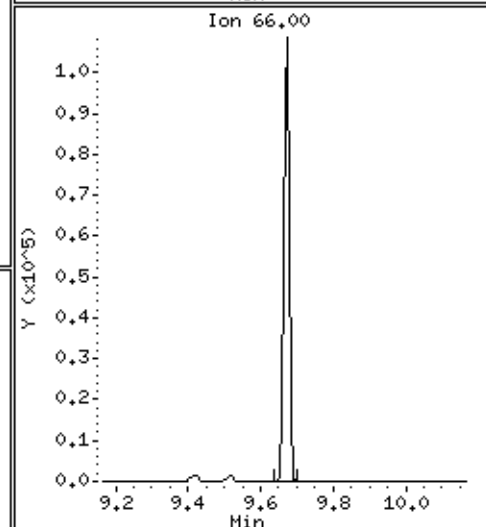
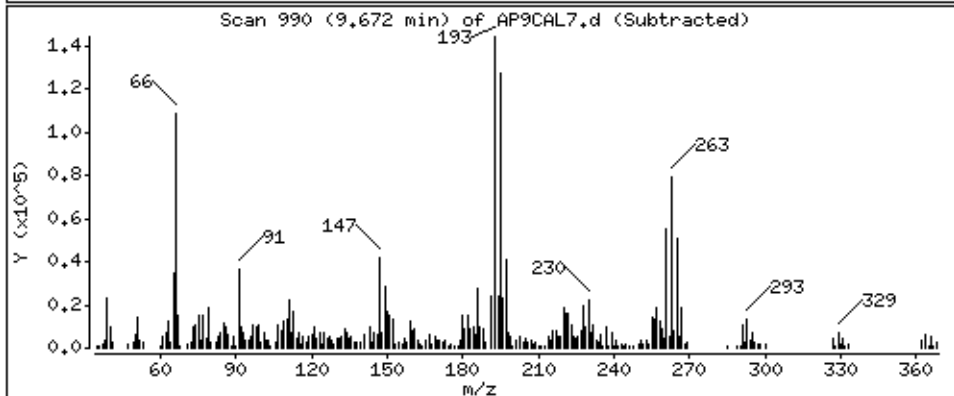
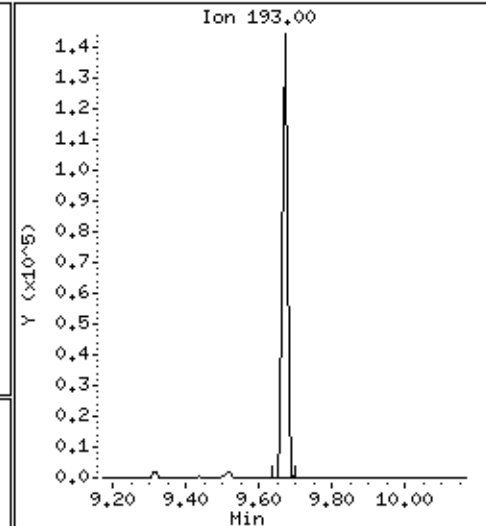
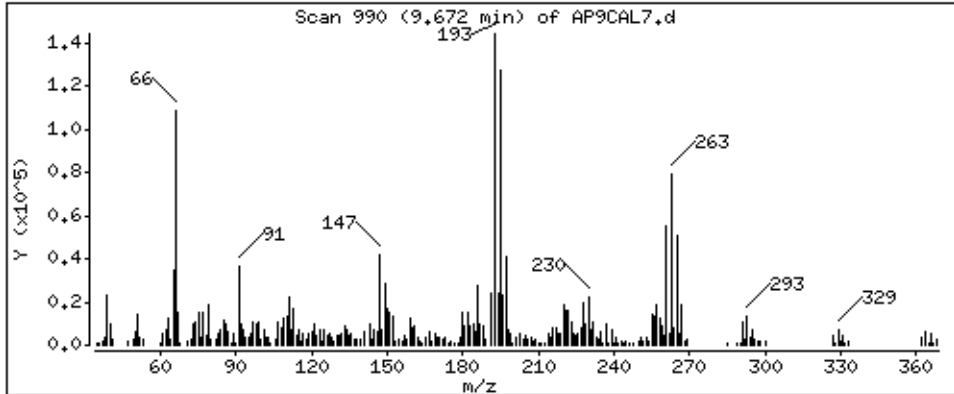
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

108 Isodrin

Concentration: 109 ug/kg



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

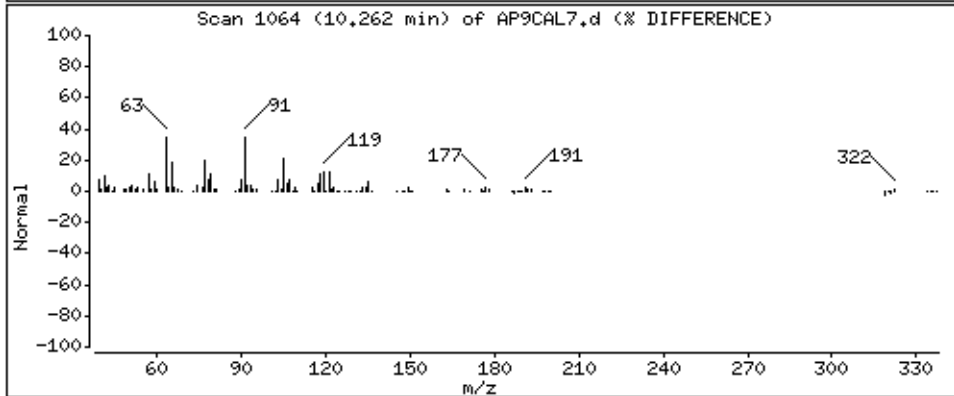
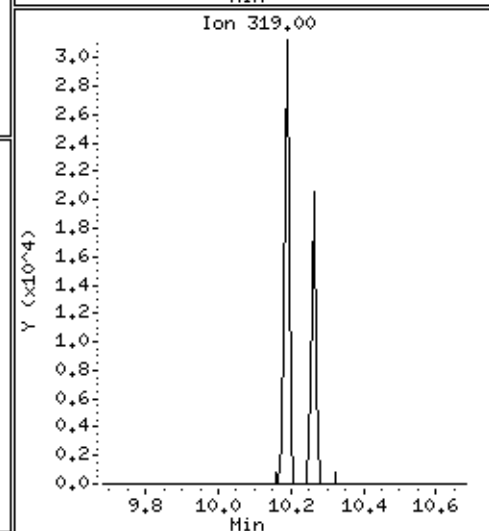
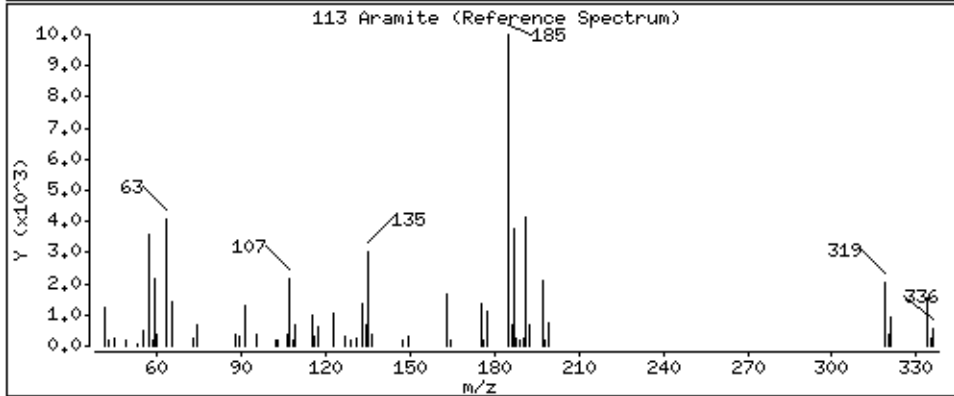
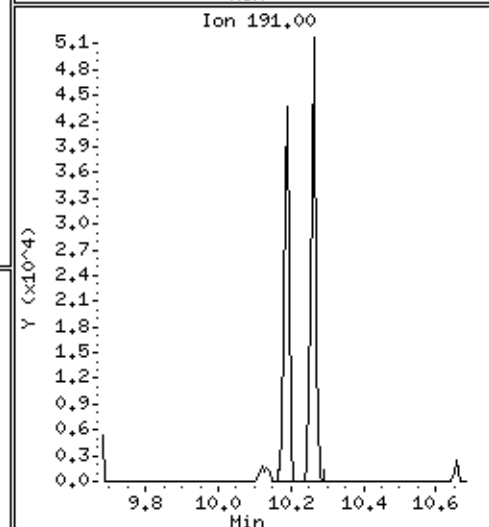
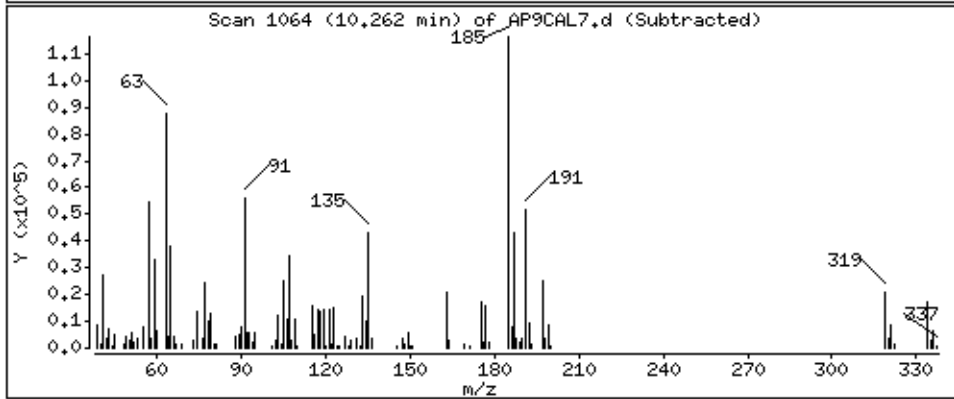
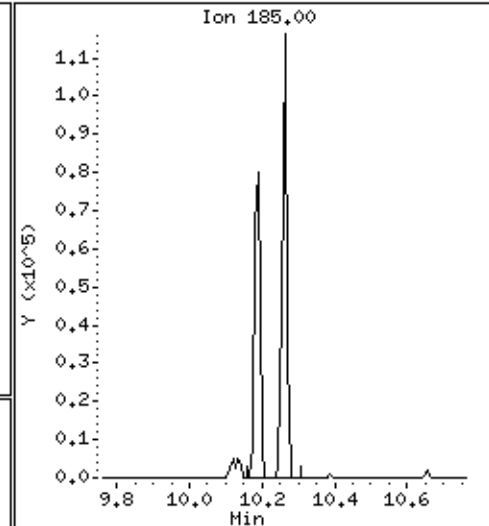
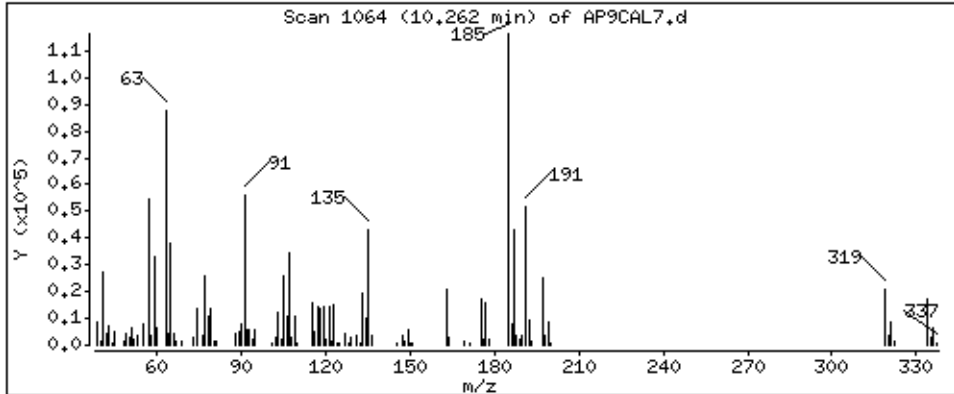
Operator: MJ

Column phase: HPMS-5

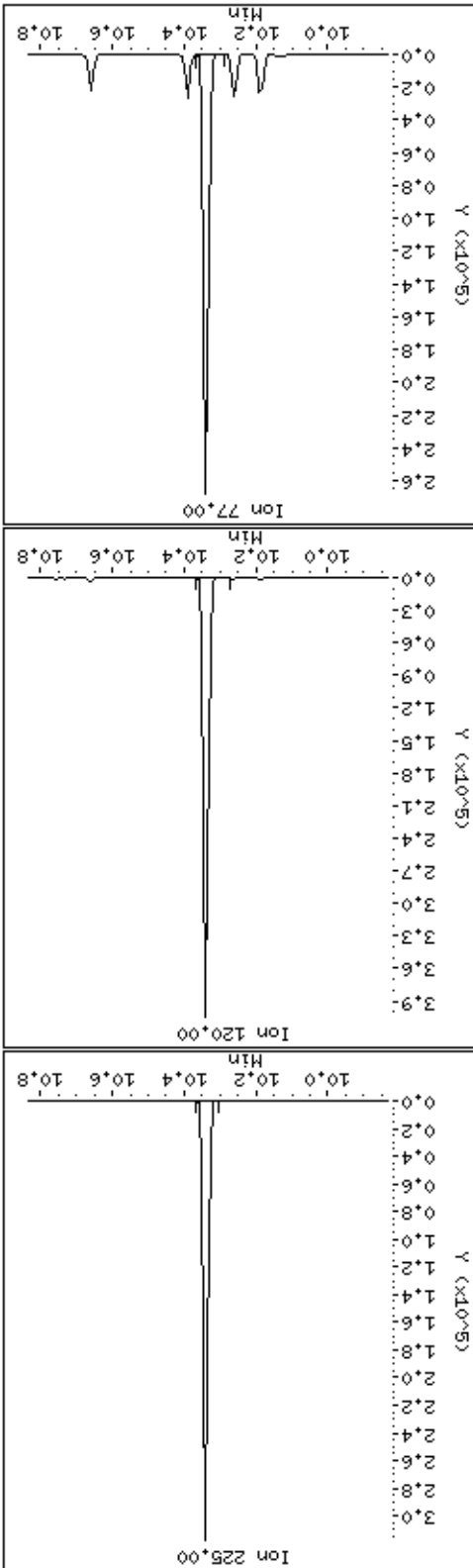
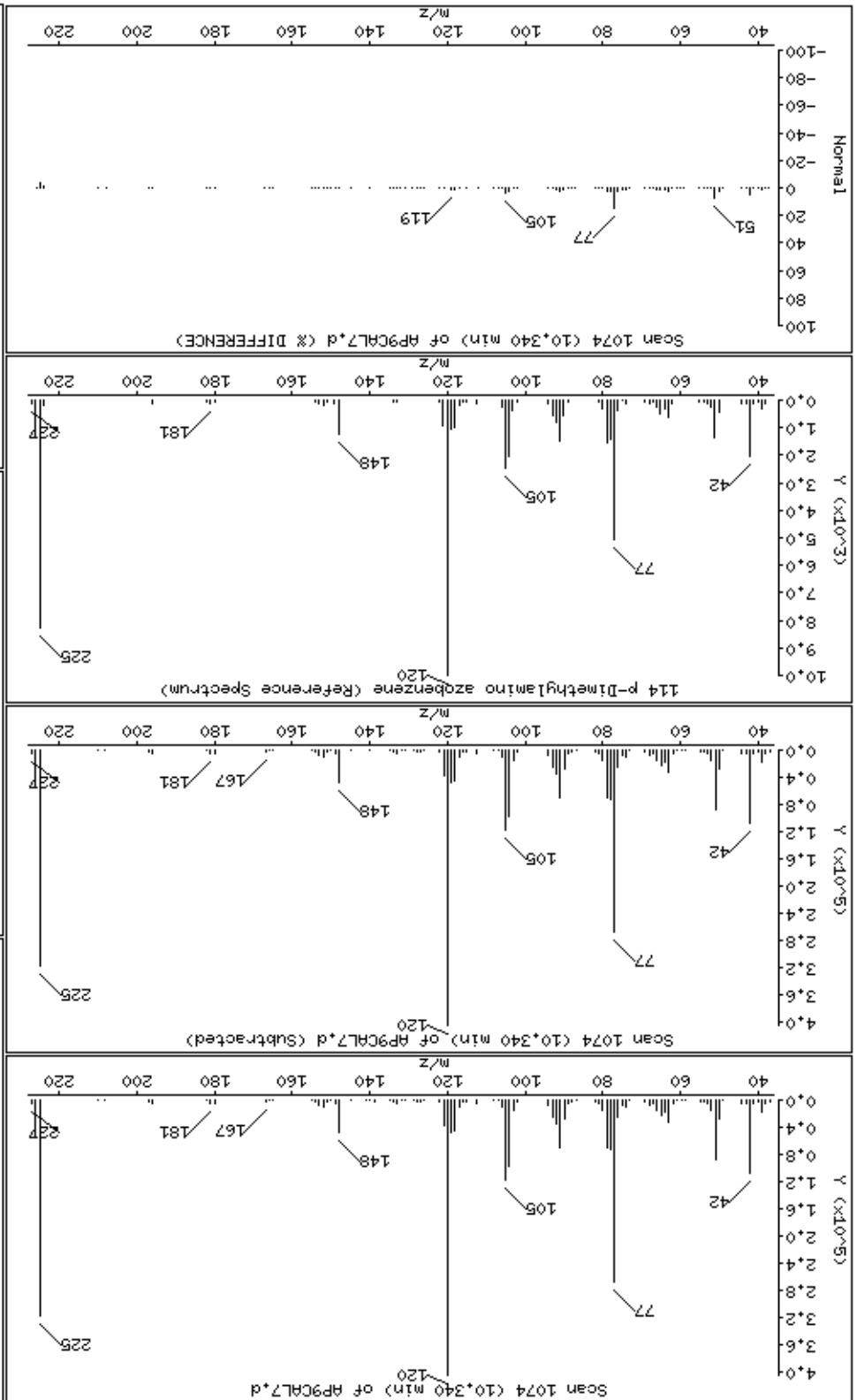
Column diameter: 0,25

113 Aramite

Concentration: 111 ug/kg



114-p-Dimethylamino azobenzene



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

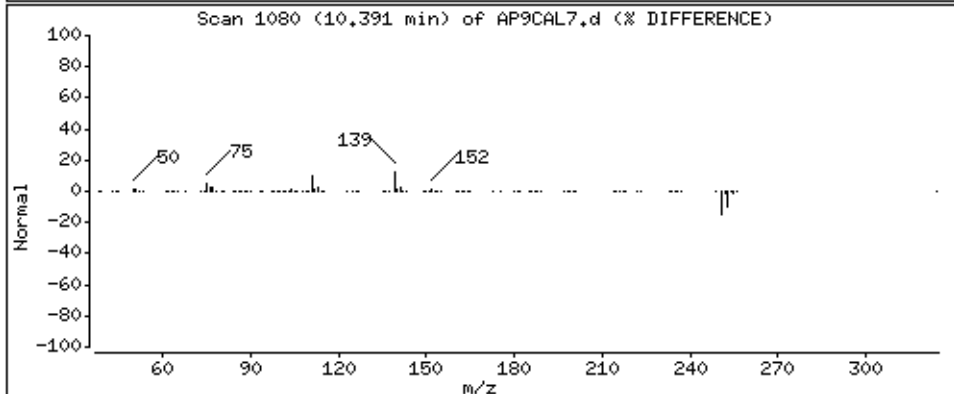
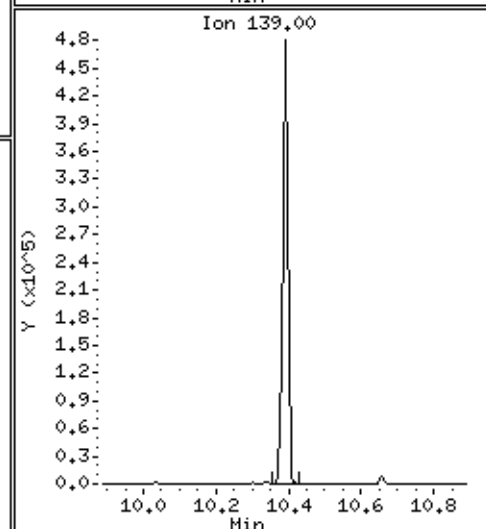
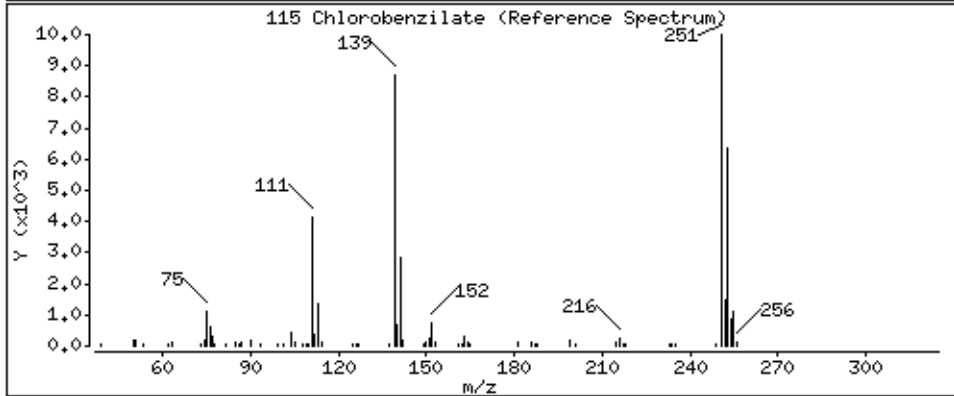
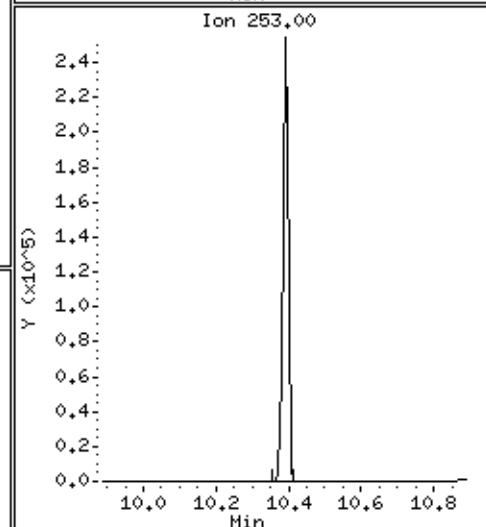
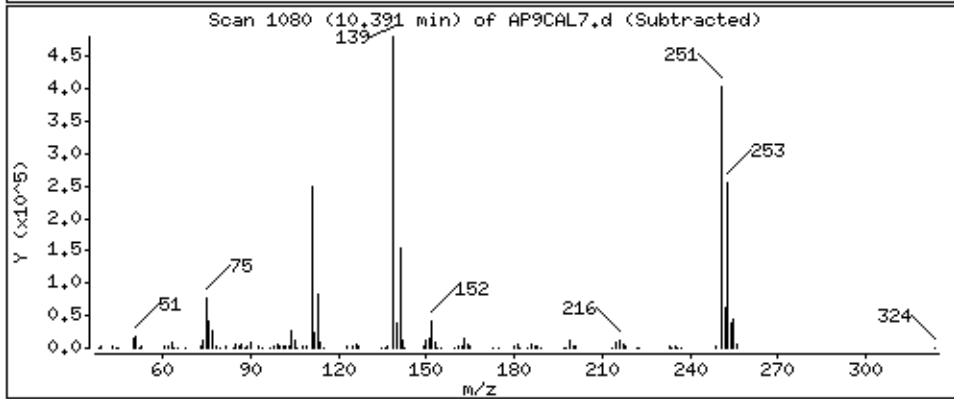
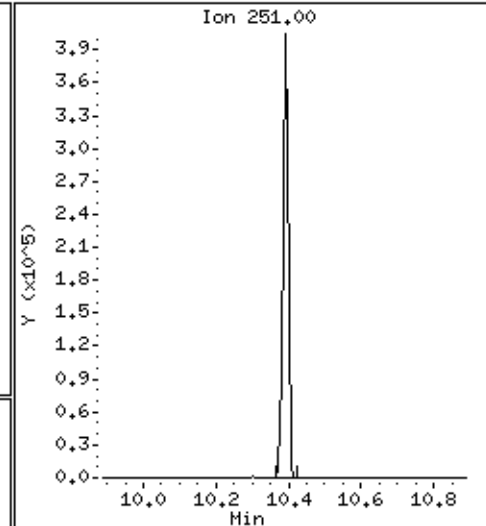
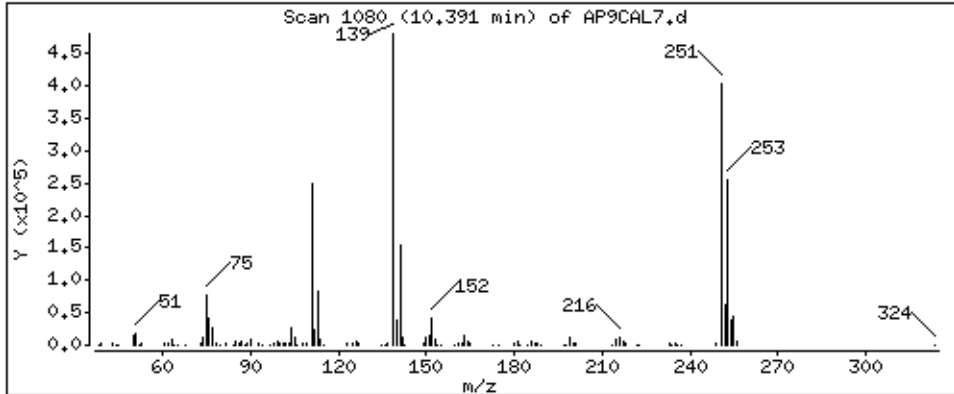
Operator: MJ

Column phase: HPMS-5

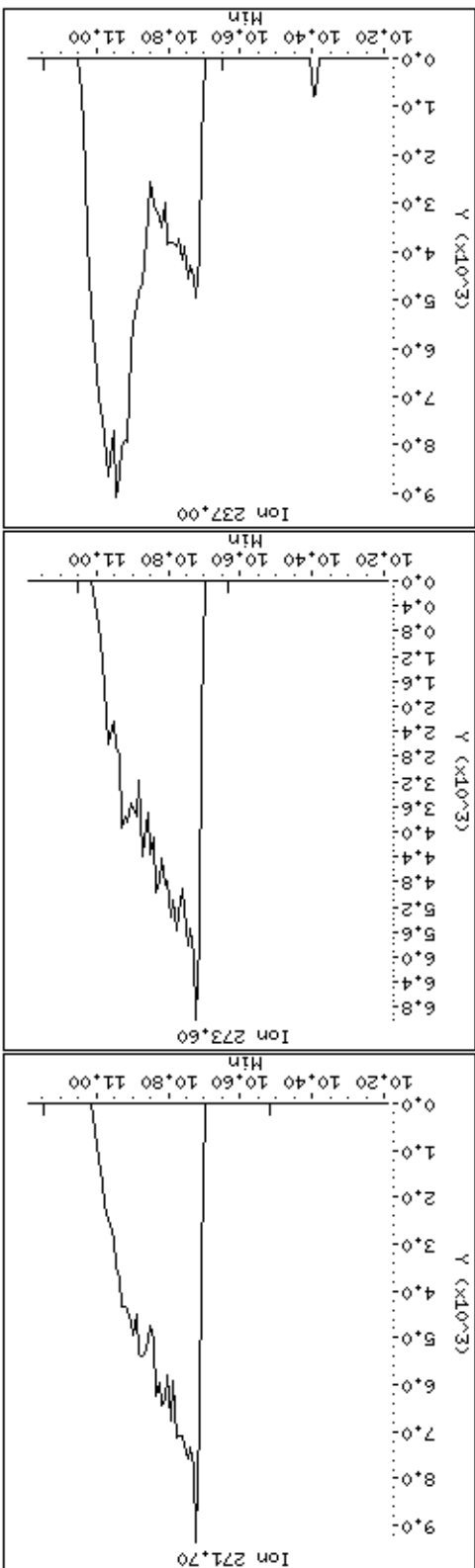
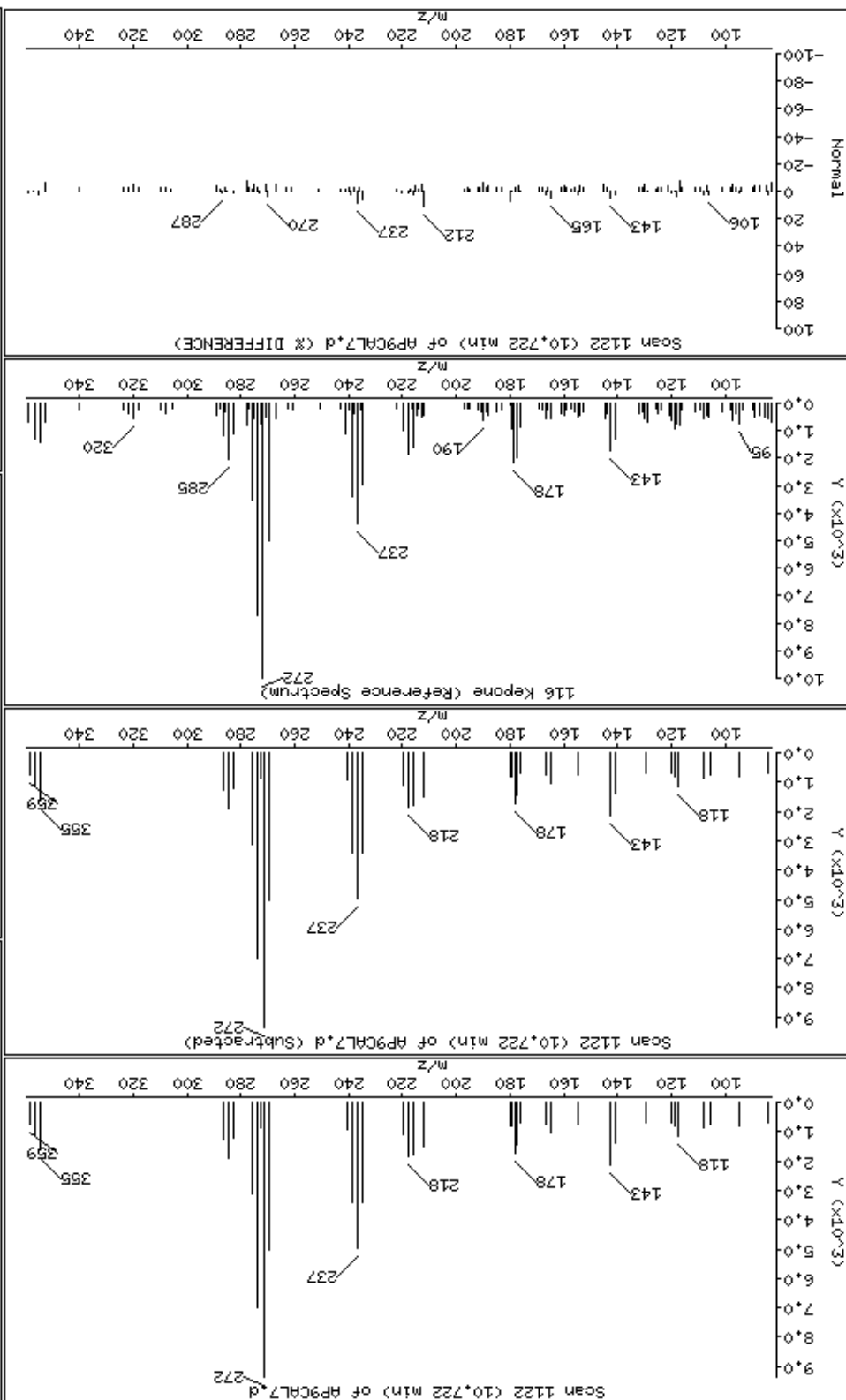
Column diameter: 0,25

115 Chlorobenzilate

Concentration: 110 ug/kg



116 Kepone



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

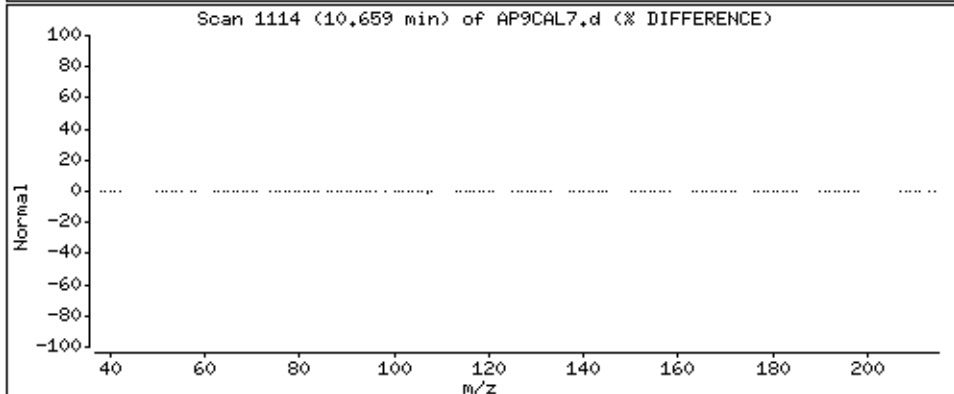
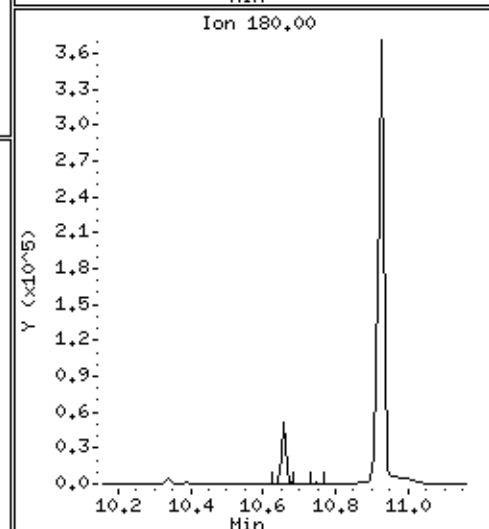
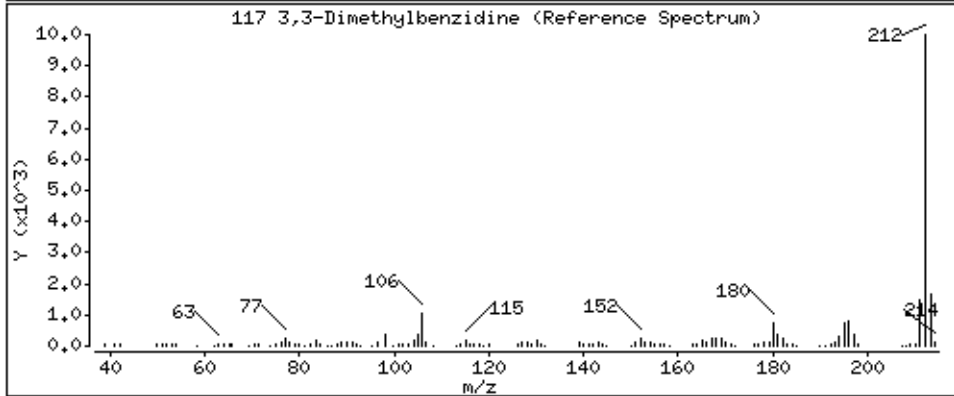
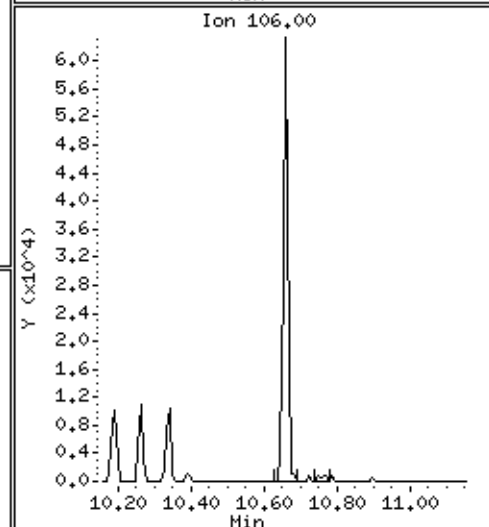
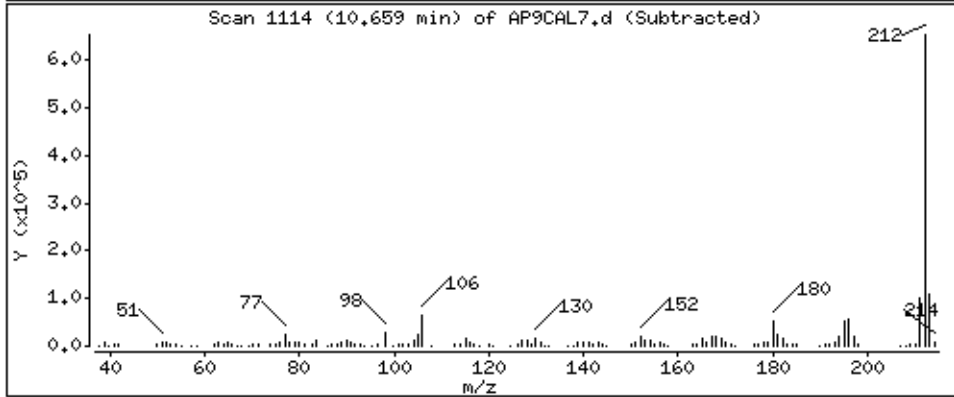
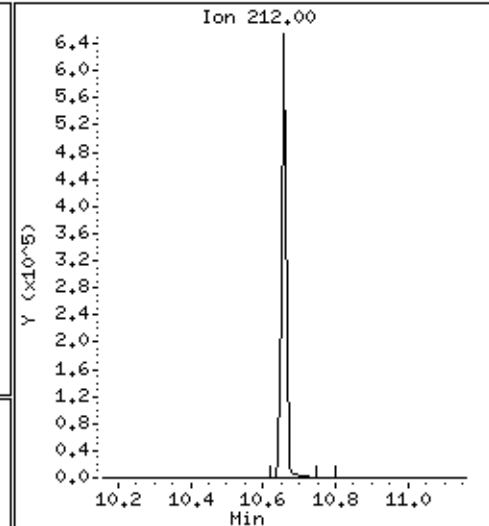
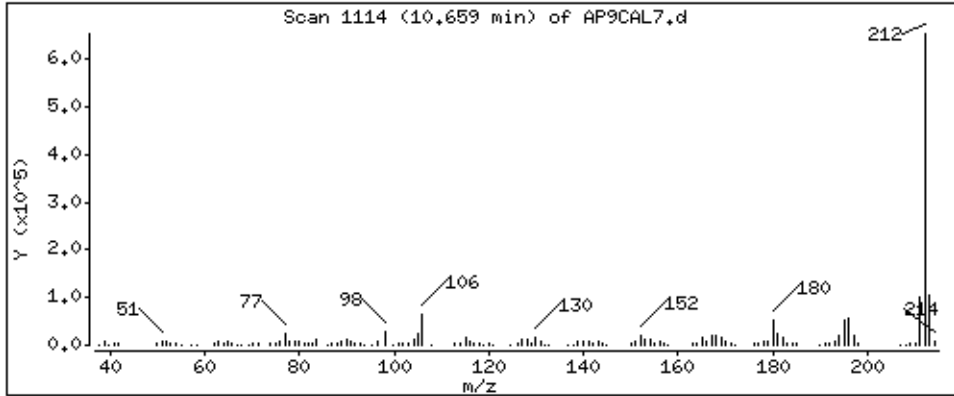
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

117 3,3-Dimethylbenzidine

Concentration: 90,6 ug/kg



Date: 15-NOV-2012 09:25

Client ID: AP9CAL7

Sample Info: 47933

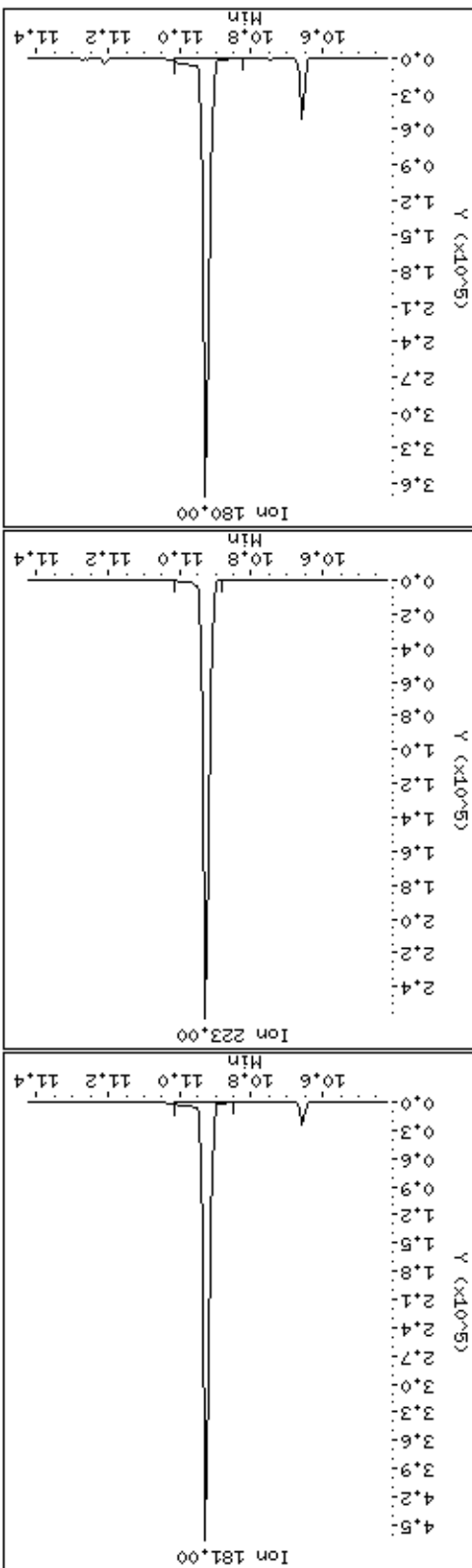
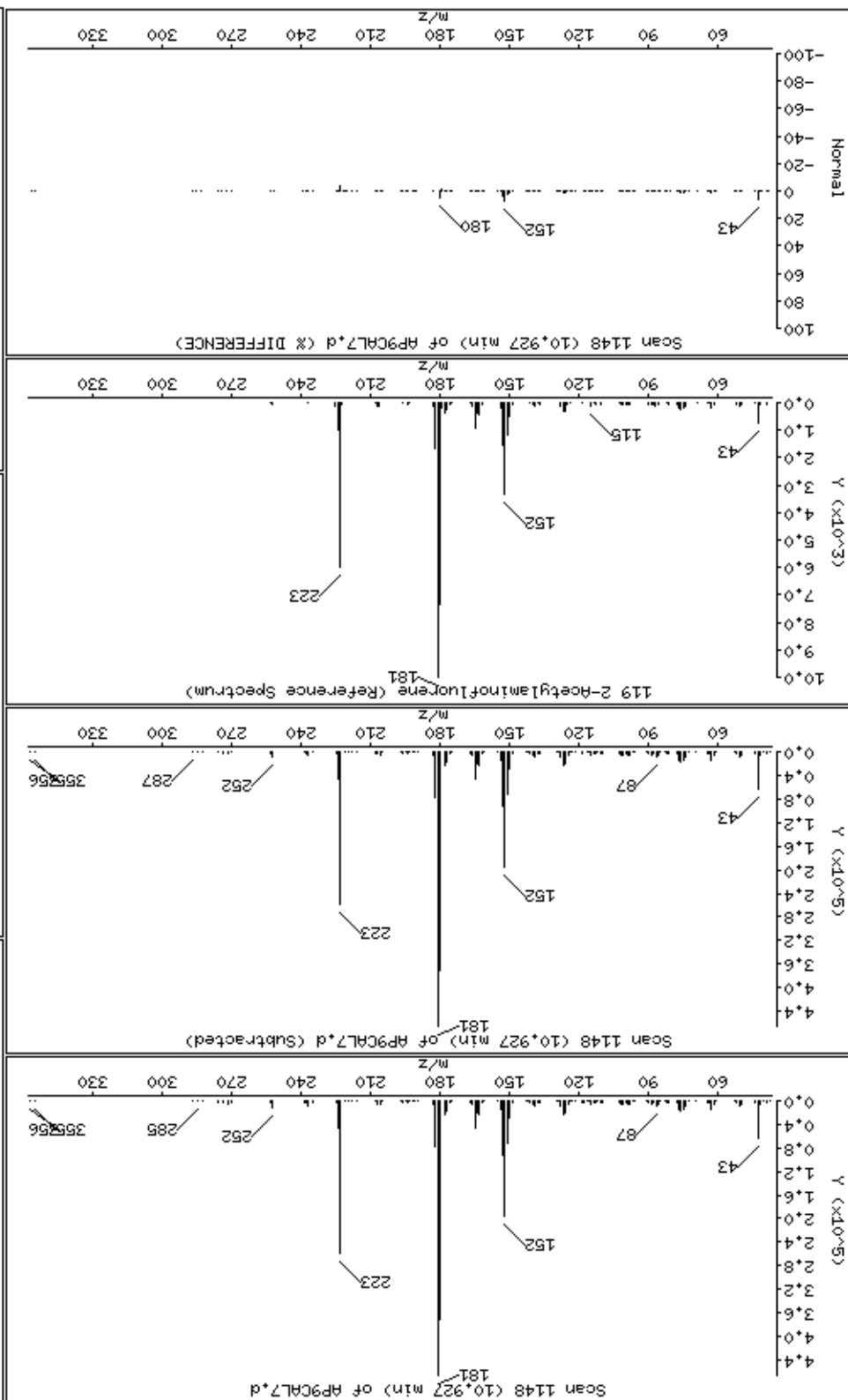
Operator: MJ

Column diameter: 0.25

Concentration: 98.2 ug/kg

Instrument: smsd04.1

119-2-Acetylamino]fluorene



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

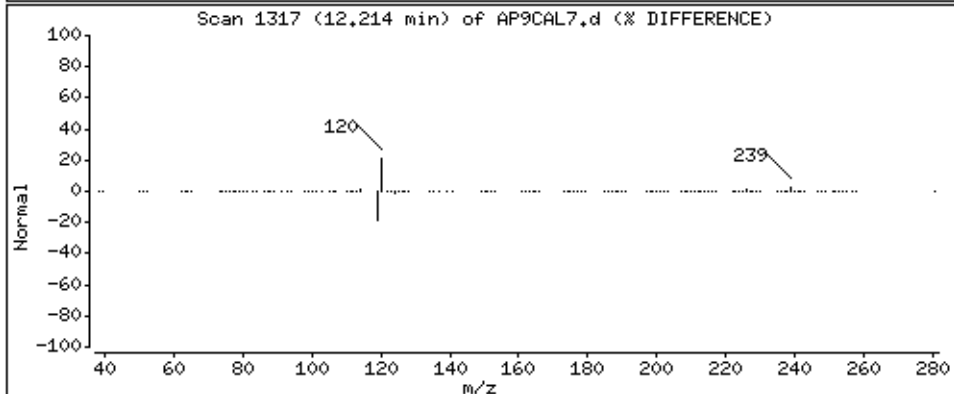
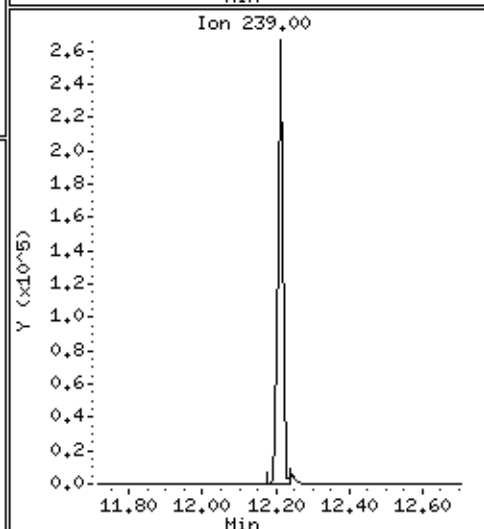
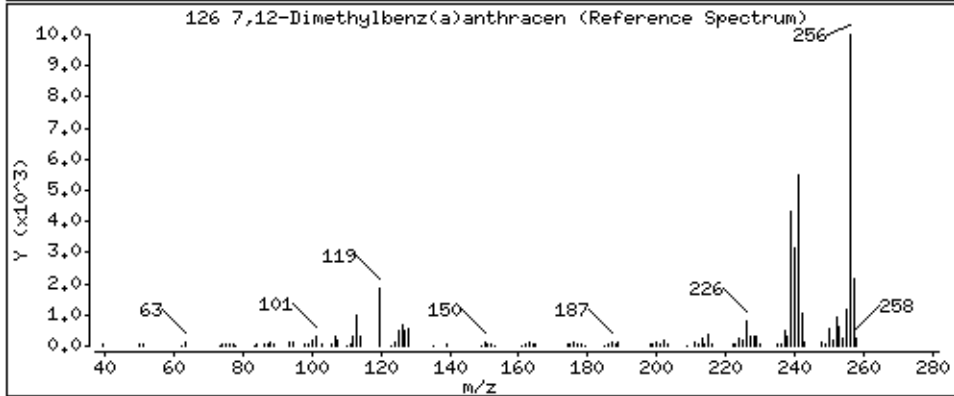
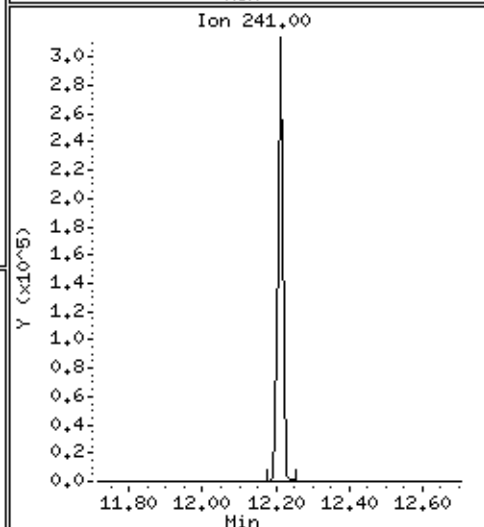
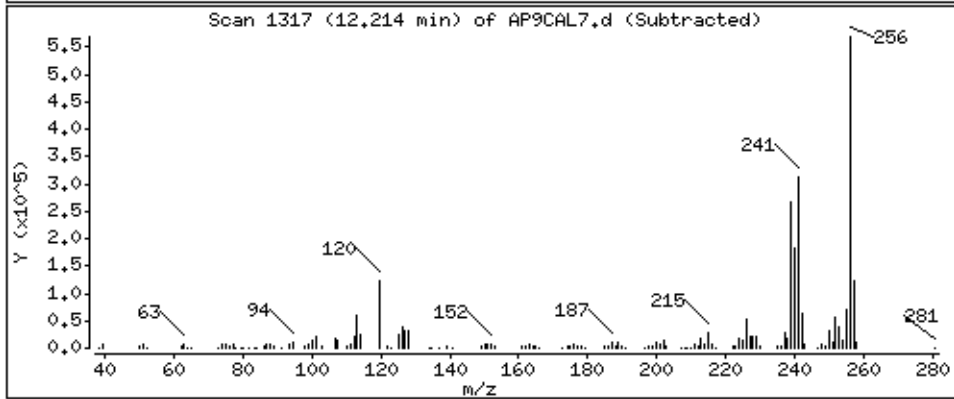
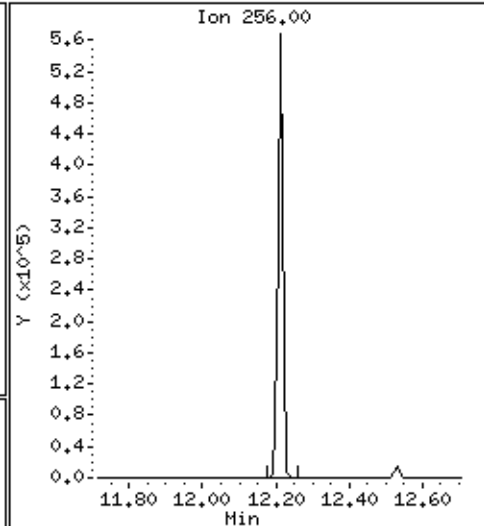
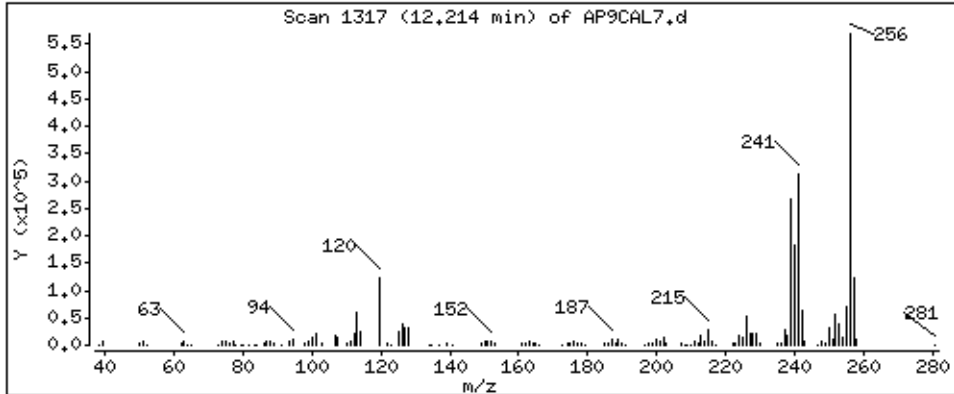
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

126 7,12-Dimethylbenz(a)anthracen

Concentration: 113 ug/kg





Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

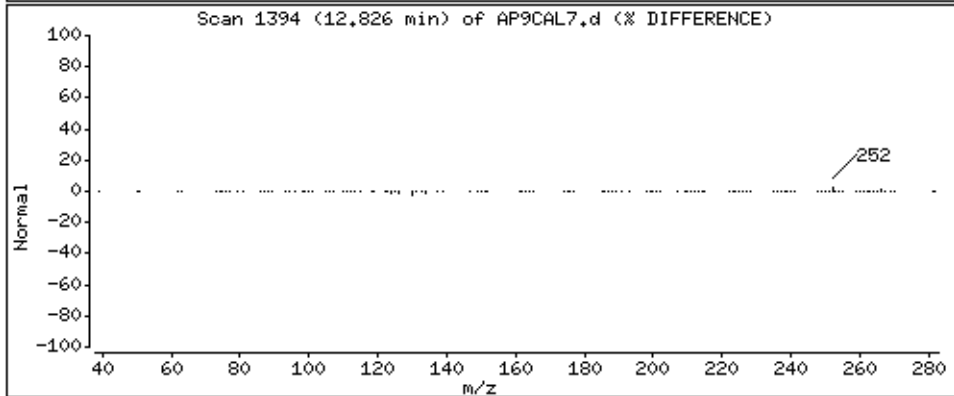
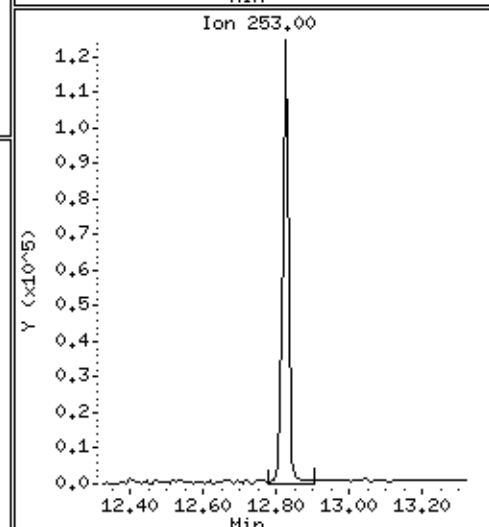
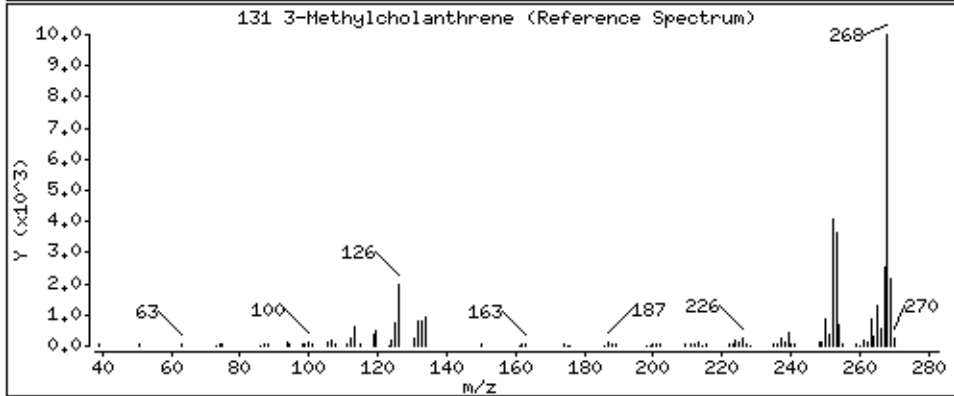
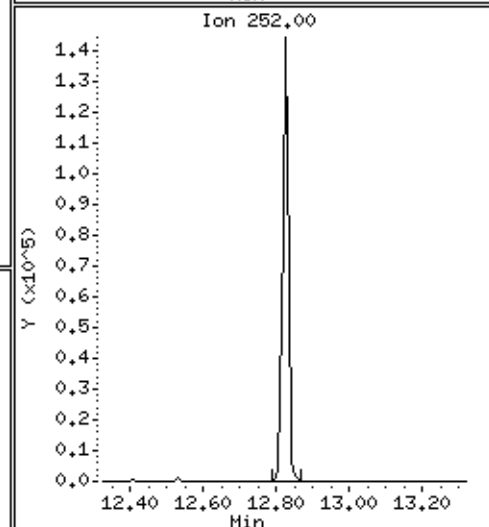
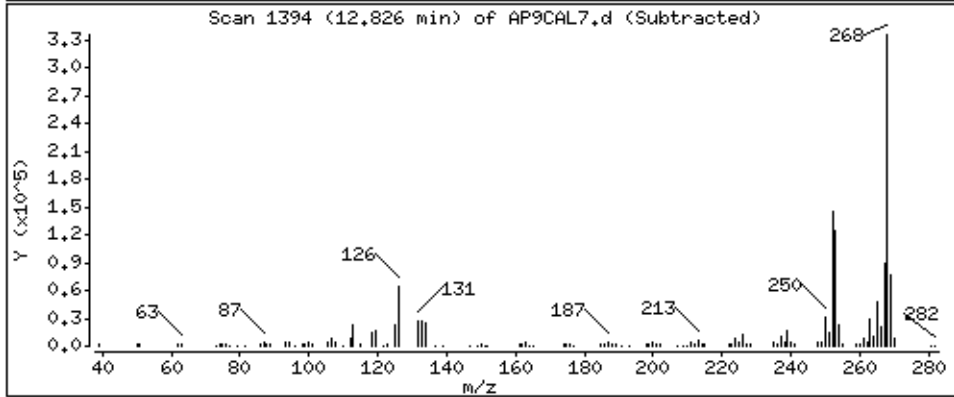
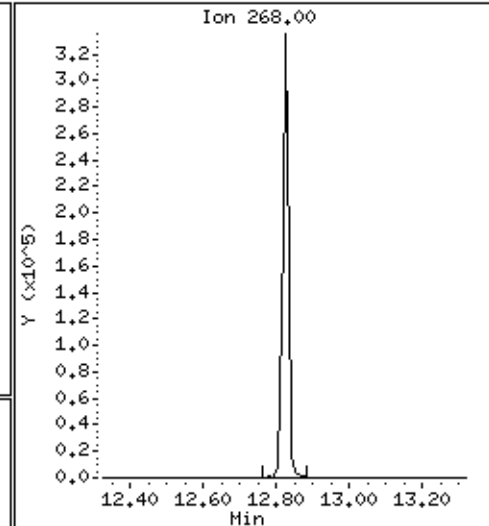
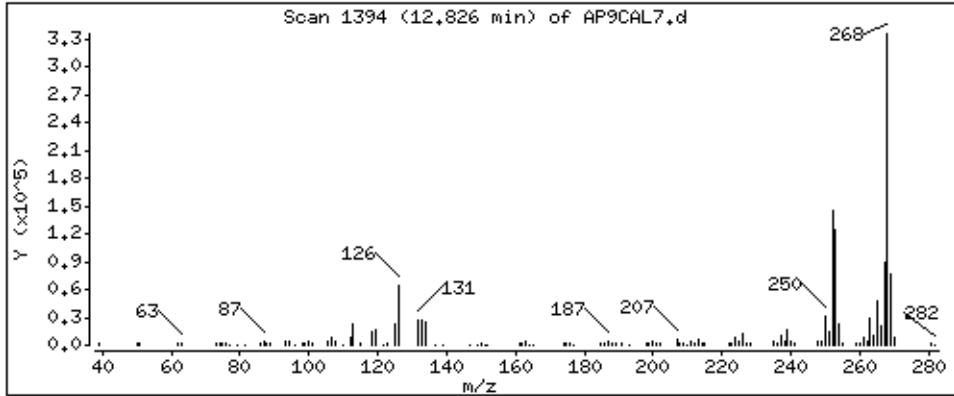
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

131 3-Methylcholanthrene

Concentration: 109 ug/kg



Date : 15-NOV-2012 09:25

Client ID: AP9CAL7

Instrument: smsd04.i

Sample Info: 47933

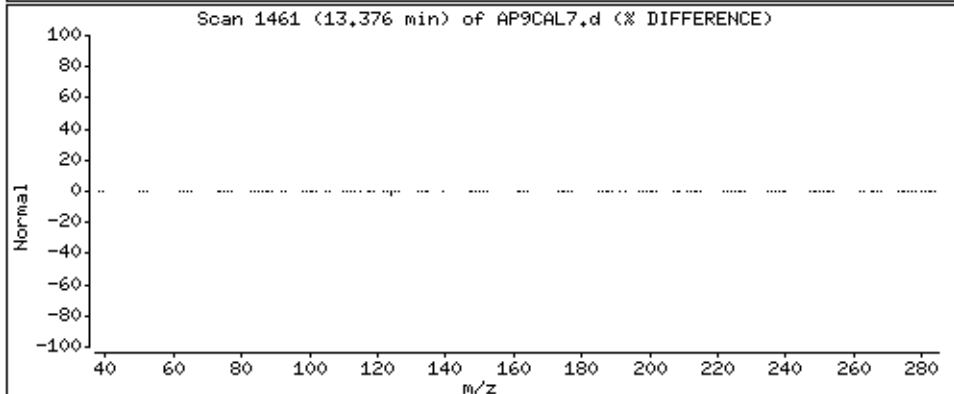
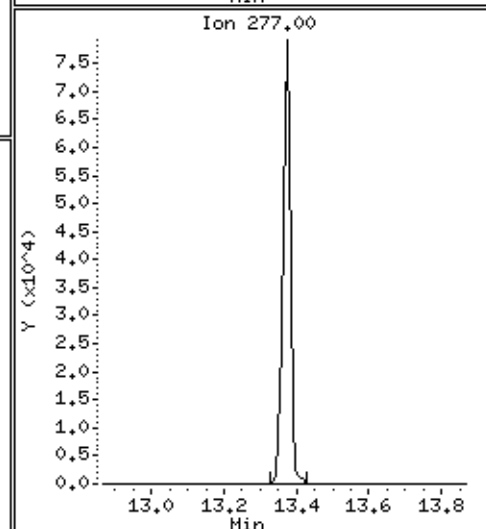
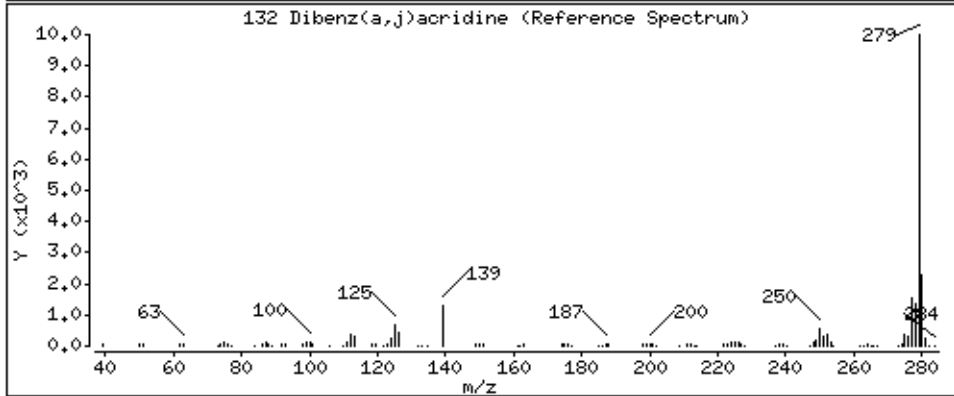
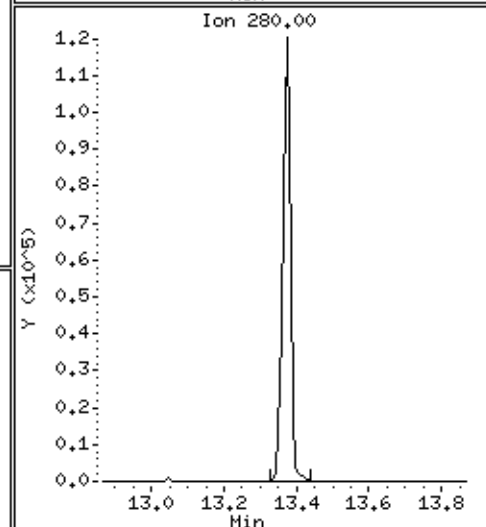
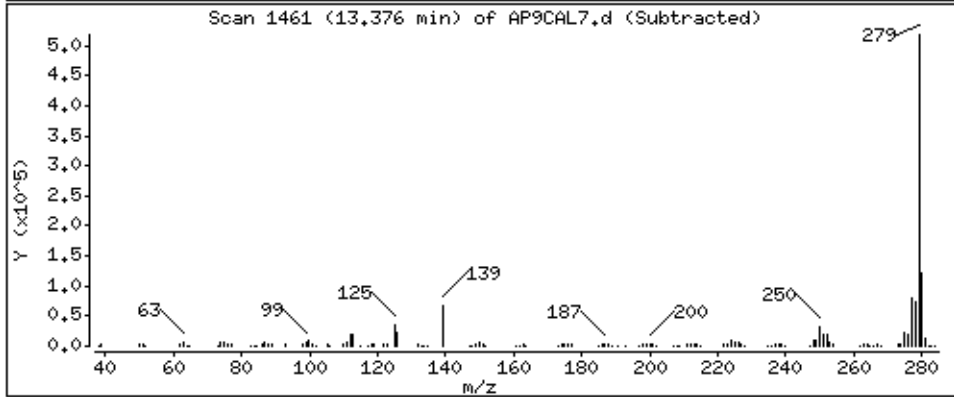
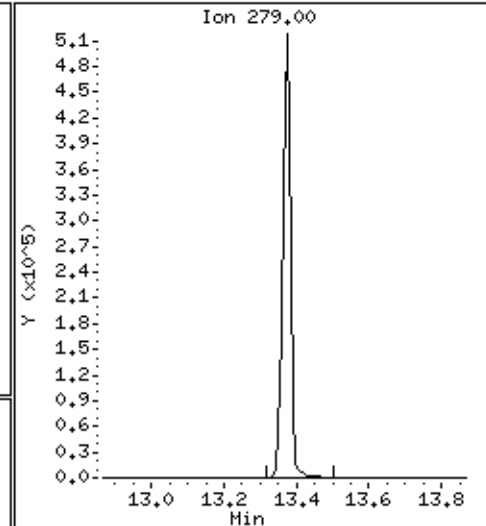
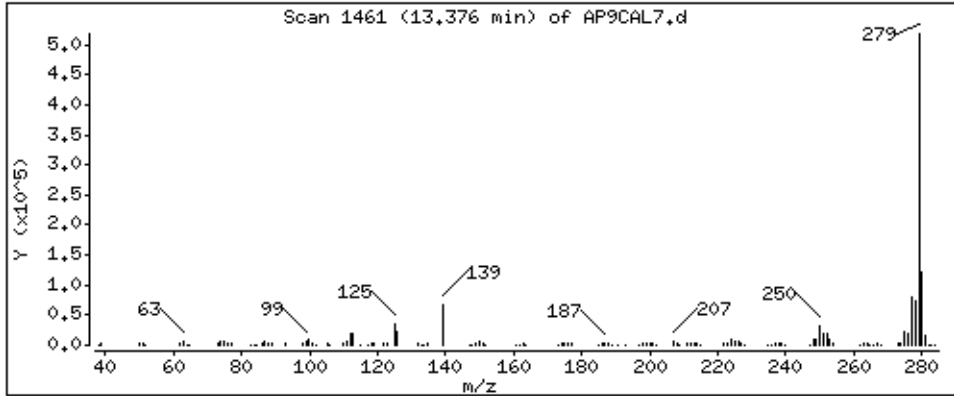
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

132 Dibenz(a,j)acridine

Concentration: 105 ug/kg



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\AP9CAL6.d  
 Lab Smp Id: 47934 Client Smp ID: AP9CAL6  
 Inj Date : 15-NOV-2012 09:46 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47934  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 09:46 Cal File: AP9CAL6.d  
 Als bottle: 42 Calibration Sample, Level: 6  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: ap9cal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
3 2- Picoline CAS #: 109-06-8									
2.786	2.786 ( 0.649)		93	244630	75.0000	74.3	80.00- 120.00	100.00	
2.786	2.785 ( 0.649)		66	122124			18.85- 78.85	49.92	
2.786	2.786 ( 0.649)		92	61347			0.00- 55.79	25.08	
4 N-Nitrosomethylethylamine CAS #: 10595-95-6									
2.894	2.892 ( 0.674)		88	107136	75.0000	75.8	80.00- 120.00	100.00	
2.894	2.893 ( 0.674)		43	75216			40.05- 100.05	70.21	
2.894	2.892 ( 0.674)		42	117814			84.22- 144.22	109.97	
5 Methyl Methanesulfonate CAS #: 66-27-3									
3.141	3.139 ( 0.731)		80	142783	75.0000	73.9	80.00- 120.00	100.00	
3.141	3.139 ( 0.731)		79	93156			37.37- 97.37	65.24	
3.141	3.139 ( 0.731)		65	38316			0.00- 58.04	26.84	
7 N-Nitrosodiethylamine CAS #: 55-18-5									
3.447	3.445 ( 0.803)		102	107414	75.0000	76.3	80.00- 120.00	100.00	
3.447	3.444 ( 0.802)		42	92534			59.82- 119.82	86.15	
3.446	3.444 ( 0.802)		57	55353			22.61- 82.61	51.53	
8 Ethyl Methanesulfonate CAS #: 62-50-0									
3.693	3.691 ( 0.860)		79	180011	75.0000	76.1	80.00- 120.00	100.00	

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
8 Ethyl Methanesulfonate (continued)									
3.694	3.691	( 0.860)	109	105251			26.91-	86.91	58.47
3.693	3.691	( 0.860)	97	37304			0.00-	49.95	20.72
-----									
12 Pentachloroethane CAS #: 76-01-7									
4.048	4.048	( 0.942)	167	98077	75.0000	75.9	80.00-	120.00	100.00(M)
4.048	4.048	( 0.942)	117	84000			54.61-	114.61	85.65
4.048	4.048	( 0.942)	130	36129			8.16-	68.16	36.84
-----									
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.295	4.294	( 1.000)	152	84800	40.0000		80.00-	120.00	100.00
4.295	4.294	( 1.000)	115	53307			34.81-	94.81	62.86
4.295	4.294	( 1.000)	150	132490			126.51-	186.51	156.24
-----									
24 N-Nitrosopyrrolidine CAS #: 930-55-2									
4.675	4.671	( 1.089)	100	119833	75.0000	79.1	80.00-	120.00	100.00
4.675	4.670	( 1.089)	41	112834			67.29-	127.29	94.16
4.676	4.671	( 1.089)	42	100994			56.85-	116.85	84.28
-----									
25 Acetophenone CAS #: 98-86-2									
4.676	4.675	( 0.856)	105	320408	75.0000	73.7	80.00-	120.00	100.00
4.676	4.675	( 0.856)	77	294764			60.51-	120.51	92.00
4.676	4.674	( 0.856)	51	97276			1.60-	61.60	30.36
-----									
27 N-Nitrosomorpholine CAS #: 59-89-2									
4.690	4.684	( 1.092)	56	144648	75.0000	75.2	80.00-	120.00	100.00
4.690	4.685	( 1.092)	116	48246			2.11-	62.11	33.35
4.690	4.684	( 1.092)	86	74124			18.75-	78.75	51.24
-----									
29 o-Toluidine CAS #: 95-53-4									
4.719	4.715	( 1.099)	106	341423	75.0000	88.9	80.00-	120.00	100.00(H)
4.719	4.715	( 1.099)	77	74768			0.00-	51.90	21.90
4.719	4.715	( 1.099)	107	253929			44.38-	104.38	74.37
-----									
33 N-Nitrosopiperidine CAS #: 100-75-4									
4.969	4.967	( 0.909)	114	102166	75.0000	76.2	80.00-	120.00	100.00
4.969	4.967	( 0.909)	42	153405			123.47-	183.47	150.15
4.969	4.967	( 0.909)	55	80067			53.49-	113.49	78.37
-----									
37 o,o,o-Triethylphosphorothioate CAS #: 126-68-1									
5.264	5.263	( 1.226)	198	126620	75.0000	77.8	80.00-	120.00	100.00
5.263	5.262	( 1.225)	97	105840			54.13-	114.13	83.59
5.263	5.262	( 1.225)	65	87000			38.00-	98.00	68.71
-----									
39 a,a-Dimethylphenethylamine CAS #: 122-09-8									
5.321	5.375	( 0.974)	58	565671	75.0000	80.3	80.00-	120.00	100.00
5.311	5.375	( 0.972)	91	99863			0.00-	50.20	17.65
5.312	5.376	( 0.972)	65	52144			0.00-	36.52	9.22
-----									
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.464	5.463	( 1.000)	136	289297	40.0000		80.00-	120.00	100.00
5.464	5.463	( 1.000)	68	21108			0.00-	37.51	7.30
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
46 2,6-Dichlorophenol CAS #: 87-65-0									
5.562	5.559	( 1.018)	162	187921	75.0000	79.4	80.00-	120.00	100.00
5.561	5.558	( 1.018)	63	130668			41.54-	101.54	69.53
5.561	5.559	( 1.018)	98	51337			0.00-	57.68	27.32
-----									
47 Hexachloropropene CAS #: 1888-71-7									
5.598	5.597	( 1.024)	213	176558	75.0000	77.8	80.00-	120.00	100.00
5.598	5.597	( 1.024)	215	110840			34.38-	94.38	62.78
5.597	5.597	( 1.024)	117	45302			0.00-	55.68	25.66
-----									
49 N-Nitrosodi-n-butylamine CAS #: 924-16-3									
5.891	5.890	( 1.078)	84	181565	75.0000	77.9	80.00-	120.00	100.00
5.891	5.890	( 1.078)	57	130676			42.68-	102.68	71.97
5.891	5.889	( 1.078)	41	112649			32.37-	92.37	62.04
-----									
52 Isosafrole CAS #: 120-58-1									
6.066	6.066	( 1.110)	162	170679	75.0000	79.1	80.00-	120.00	100.00(M)
6.066	6.066	( 1.110)	104	120270			42.25-	102.25	70.47
6.066	6.066	( 1.110)	131	84462			19.87-	79.87	49.49
-----									
56 1,2,4,5-Tetrachlorobenzene CAS #: 95-94-3									
6.342	6.340	( 0.885)	216	243033	75.0000	76.5	80.00-	120.00	100.00
6.342	6.340	( 0.885)	214	187400			49.18-	109.18	77.11
6.341	6.339	( 0.885)	108	49241			0.00-	50.98	20.26
-----									
60 Safrole CAS #: 94-59-7									
6.559	6.558	( 1.200)	162	150694	75.0000	79.7	80.00-	120.00	100.00
6.558	6.558	( 1.200)	104	91732			32.30-	92.30	60.87
6.558	6.557	( 1.200)	77	53521			6.02-	66.02	35.52
-----									
64 1,4-Naphthoquinone CAS #: 130-15-4									
6.783	6.782	( 0.946)	158	162200	75.0000	81.2	80.00-	120.00	100.00
6.783	6.782	( 0.946)	102	141167			56.55-	116.55	87.03
6.783	6.782	( 0.946)	130	78973			19.11-	79.11	48.69
-----									
66 1,3-Dinitrobenzene CAS #: 99-65-0									
6.961	6.959	( 0.971)	168	80902	75.0000	80.6	80.00-	120.00	100.00
6.960	6.958	( 0.971)	75	100719			91.84-	151.84	124.50
6.960	6.958	( 0.971)	50	77036			68.52-	128.52	95.22
-----									
* 70 Acenaphthene-d10 CAS #: 15067-26-2									
7.168	7.167	( 1.000)	164	191902	40.0000		80.00-	120.00	100.00
7.168	7.168	( 1.000)	162	182773			66.12-	126.12	95.24
7.168	7.167	( 1.000)	160	80697			13.21-	73.21	42.05
-----									
73 Pentachlorobenzene CAS #: 608-93-5									
7.377	7.376	( 1.029)	250	226554	75.0000	77.4	80.00-	120.00	100.00
7.377	7.376	( 1.029)	252	142174			34.86-	94.86	62.76
7.377	7.375	( 1.029)	108	66252			0.00-	59.93	29.24
-----									
77 1-Naphthylamine CAS #: 134-32-7									
7.435	7.433	( 1.037)	143	398824	75.0000	75.8	80.00-	120.00	100.00
7.435	7.433	( 1.037)	115	212812			24.25-	84.25	53.36

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
77 1-Naphthylamine (continued)									
7.435	7.434	( 1.037)	89	41200			0.00-	40.79	10.33
-----									
78 2,3,4,6-Tetrachlorophenol CAS #: 58-90-2									
7.517	7.514	( 1.049)	232	137759	75.0000	83.8	80.00-	120.00	100.00
7.517	7.514	( 1.049)	168	41132			0.00-	58.61	29.86
7.516	7.513	( 1.049)	131	64622			18.06-	78.06	46.91
-----									
79 2-Naphthylamine CAS #: 91-59-8									
7.507	7.505	( 1.047)	143	457962	75.0000	77.3	80.00-	120.00	100.00
7.507	7.504	( 1.047)	115	244360			24.63-	84.63	53.36
7.507	7.505	( 1.047)	116	102721			0.00-	52.80	22.43
-----									
83 5-Nitro-ortho-toluidine CAS #: 99-55-8									
7.734	7.731	( 1.079)	152	140767	75.0000	79.8	80.00-	120.00	100.00
7.734	7.731	( 1.079)	106	109538			49.62-	109.62	77.82
7.734	7.731	( 1.079)	77	161582			86.78-	146.78	114.79
-----									
90 1,3,5-Trinitrobenzene CAS #: 99-35-4									
8.116	8.109	( 1.132)	75	327828	75.0000	76.8	80.00-	120.00	100.00
8.116	8.109	( 1.132)	74	198187			29.31-	89.31	60.45
8.116	8.110	( 1.132)	213	126882			6.52-	66.52	38.70
-----									
89 Diallate CAS #: 2303-16-4									
8.132	8.132	( 1.134)	86	245536	75.0000	77.7	80.00-	120.00	100.00(M)
8.133	8.132	( 1.135)	43	265811			64.61-	124.61	108.26
8.132	8.132	( 1.134)	234	106603			1.00-	61.00	43.42
-----									
92 Phenacetin CAS #: 62-44-2									
8.158	8.150	( 0.948)	109	305423	75.0000	81.3	80.00-	120.00	100.00
8.158	8.150	( 0.948)	108	297267			70.78-	130.78	97.33
8.158	8.150	( 0.948)	179	154468			22.17-	82.17	50.58
-----									
91 p-Phenylenediamine CAS #: 106-50-3									
8.158	8.150	( 0.948)	108	297267	75.0000	81.0	80.00-	120.00	100.00
8.158	8.150	( 0.948)	80	62690			0.00-	51.04	21.09
8.158	8.149	( 0.948)	53	40878			0.00-	43.69	13.75
-----									
97 Pentachloronitrobenzene CAS #: 82-68-8									
8.561	8.560	( 0.995)	237	87198	75.0000	78.0	80.00-	120.00	100.00
8.561	8.560	( 0.995)	295	32418			6.13-	66.13	37.18
8.561	8.559	( 0.995)	142	59015			37.48-	97.48	67.68
-----									
98 4-Aminobiphenyl CAS #: 92-67-1									
8.429	8.425	( 0.979)	169	538294	75.0000	77.4	80.00-	120.00	100.00
8.429	8.425	( 0.979)	168	114726			0.00-	51.69	21.31
8.429	8.424	( 0.979)	115	60712			0.00-	41.29	11.28
-----									
99 Pronamide CAS #: 23950-58-5									
8.525	8.523	( 0.991)	173	268697	75.0000	80.8	80.00-	120.00	100.00
8.525	8.523	( 0.991)	175	177648			37.21-	97.21	66.11
8.525	8.523	( 0.991)	145	94004			6.07-	66.07	34.99
-----									

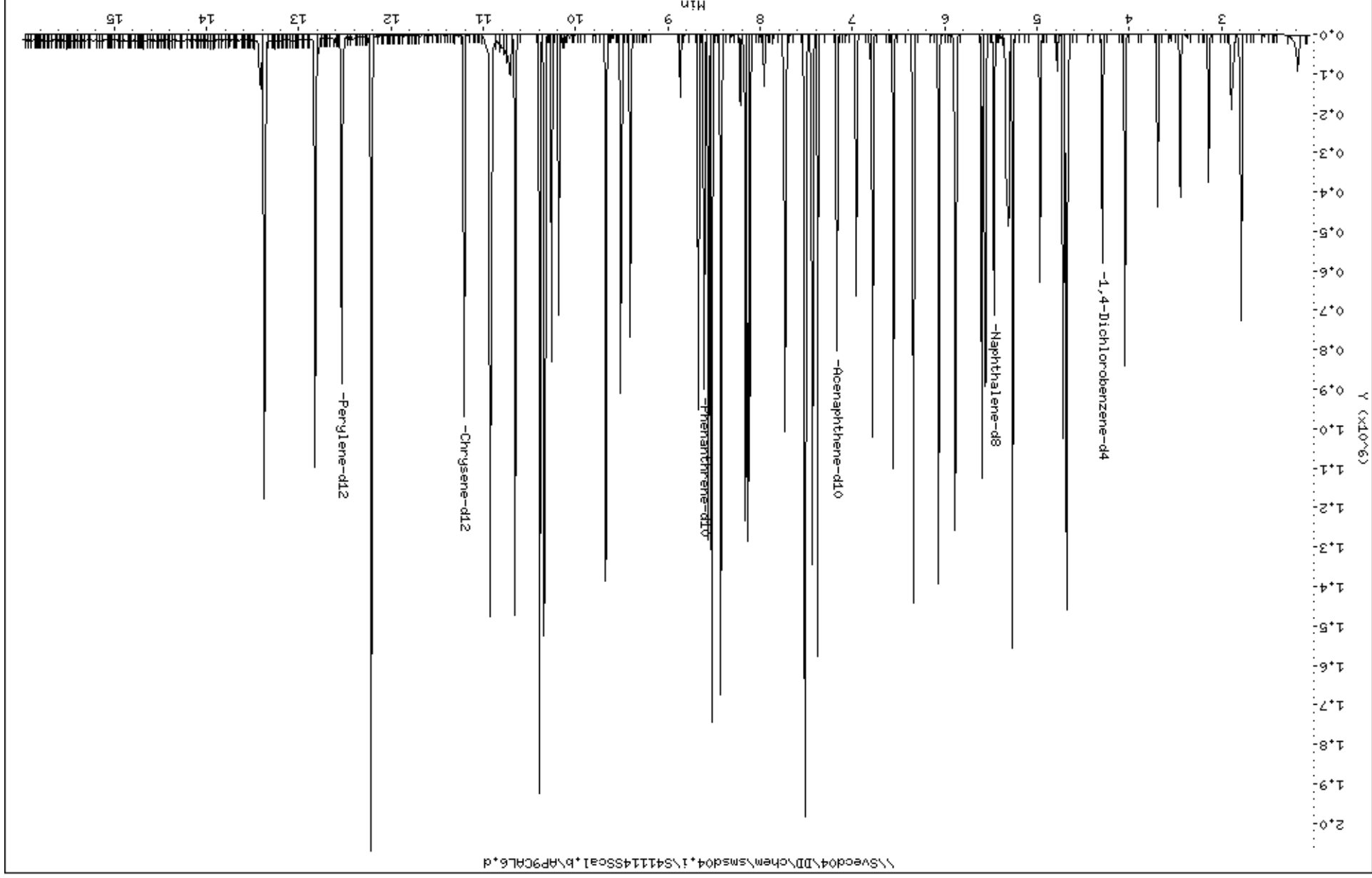
AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.607	8.604	( 1.000)	188	348797	40.0000		80.00-	120.00	100.00
8.606	8.604	( 1.000)	94	36852			0.00-	40.39	10.57
8.606	8.603	( 1.000)	80	40823			0.00-	41.55	11.70
-----									
102 Dinoseb						CAS #: 88-85-7			
8.670	8.663	( 1.007)	211	149427	75.0000	75.7	80.00-	120.00	100.00(M)
8.670	8.663	( 1.007)	163	68184			16.26-	76.26	45.63
8.670	8.663	( 1.007)	117	42439			0.00-	57.53	28.40
-----									
106 4-Nitroquinoline-1-oxide						CAS #: 56-57-5			
8.525	8.525	( 0.991)	174	26865	75.0000	83.4	80.00-	120.00	100.00
8.525	8.517	( 0.990)	128	298			0.00-	30.00	1.11
8.525	8.517	( 0.990)	101	1376			0.00-	30.00	5.12
-----									
107 Methapyrilene						CAS #: 91-80-5			
9.511	9.510	( 1.105)	97	474027	75.0000	78.6	80.00-	120.00	100.00
9.511	9.510	( 1.105)	58	588429			97.04-	157.04	124.13
9.511	9.510	( 1.105)	191	66624			0.00-	44.49	14.05
-----									
108 Isodrin						CAS #: 465-73-6			
9.671	9.669	( 1.124)	193	97668	75.0000	78.4	80.00-	120.00	100.00
9.670	9.668	( 1.123)	66	78457			53.06-	113.06	80.33
9.671	9.669	( 1.124)	195	84893			59.05-	119.05	86.92
-----									
113 Aramite						CAS #: 140-57-8			
10.262	10.261	( 0.915)	185	126224	75.0000	81.8	80.00-	120.00	100.00(M)
10.262	10.182	( 0.915)	191	58482			18.05-	78.05	46.33
10.190	10.182	( 0.909)	319	33782			0.00-	55.81	26.76
-----									
114 p-Dimethylamino azobenzene						CAS #: 60-11-7			
10.338	10.334	( 0.922)	225	203654	75.0000	80.9	80.00-	120.00	100.00
10.337	10.334	( 0.922)	120	266132			107.72-	167.72	130.68
10.337	10.334	( 0.922)	77	190543			69.64-	129.64	93.56
-----									
115 Chlorobenzilate						CAS #: 510-15-6			
10.389	10.388	( 0.927)	251	278130	75.0000	79.2	80.00-	120.00	100.00
10.389	10.388	( 0.927)	253	177419			35.05-	95.05	63.79
10.389	10.388	( 0.927)	139	321975			88.99-	148.99	115.76
-----									
116 Kepone						CAS #: 143-50-0			
10.722	10.690	( 0.956)	272	75348	75.0000	75.4	80.00-	120.00	100.00(M)
10.706	10.690	( 0.955)	274	61305			51.38-	111.38	81.36
10.921	10.690	( 0.974)	237	71804			13.59-	73.59	95.30
-----									
117 3,3-Dimethylbenzidine						CAS #: 119-93-7			
10.658	10.657	( 0.951)	212	455544	75.0000	73.0	80.00-	120.00	100.00
10.657	10.656	( 0.951)	106	46529			0.00-	39.77	10.21
10.658	10.657	( 0.951)	180	33817			0.00-	38.39	7.42
-----									
119 2-Acetylaminofluorene						CAS #: 53-96-3			
10.924	10.920	( 0.974)	181	411408	75.0000	78.0	80.00-	120.00	100.00
10.925	10.920	( 0.974)	223	214349			22.99-	82.99	52.10

AMOUNTS										
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO	
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	
119 2-Acetylaminofluorene (continued)										
10.924	10.920	( 0.974)	180	313360			47.24-	107.24	76.17	
-----										
* 121 Chrysene-d12						CAS #: 1719-03-5				
11.212	11.211	( 1.000)	240	390183	40.0000		80.00-	120.00	100.00	
11.211	11.210	( 1.000)	120	40016			0.00-	40.02	10.26	
11.212	11.210	( 1.000)	236	95179			0.00-	54.50	24.39	
-----										
126 7,12-Dimethylbenz(a)anthracen						CAS #: 57-97-6				
12.213	12.210	( 0.975)	256	393157	75.0000	82.6	80.00-	120.00	100.00	
12.213	12.210	( 0.975)	241	216683			24.64-	84.64	55.11	
12.213	12.210	( 0.975)	239	181826			16.31-	76.31	46.25	
-----										
* 130 Perylene-d12						CAS #: 1520-96-3				
12.533	12.532	( 1.000)	264	359973	40.0000		80.00-	120.00	100.00	
12.533	12.533	( 1.000)	260	79925			0.00-	52.70	22.20	
12.533	12.532	( 1.000)	265	77631			0.00-	52.11	21.57	
-----										
131 3-Methylcholanthrene						CAS #: 56-49-5				
12.826	12.822	( 1.023)	268	280430	75.0000	81.2	80.00-	120.00	100.00	
12.826	12.821	( 1.023)	252	120938			13.86-	73.86	43.13	
12.826	12.822	( 1.023)	253	108231			11.25-	71.25	38.59	
-----										
132 Dibenz(a,j)acridine						CAS #: 224-42-0				
13.375	13.369	( 1.067)	279	594208	75.0000	78.8	80.00-	120.00	100.00	
13.375	13.369	( 1.067)	280	138586			0.00-	52.83	23.32	
13.375	13.369	( 1.067)	277	87522			0.00-	44.54	14.73	
-----										

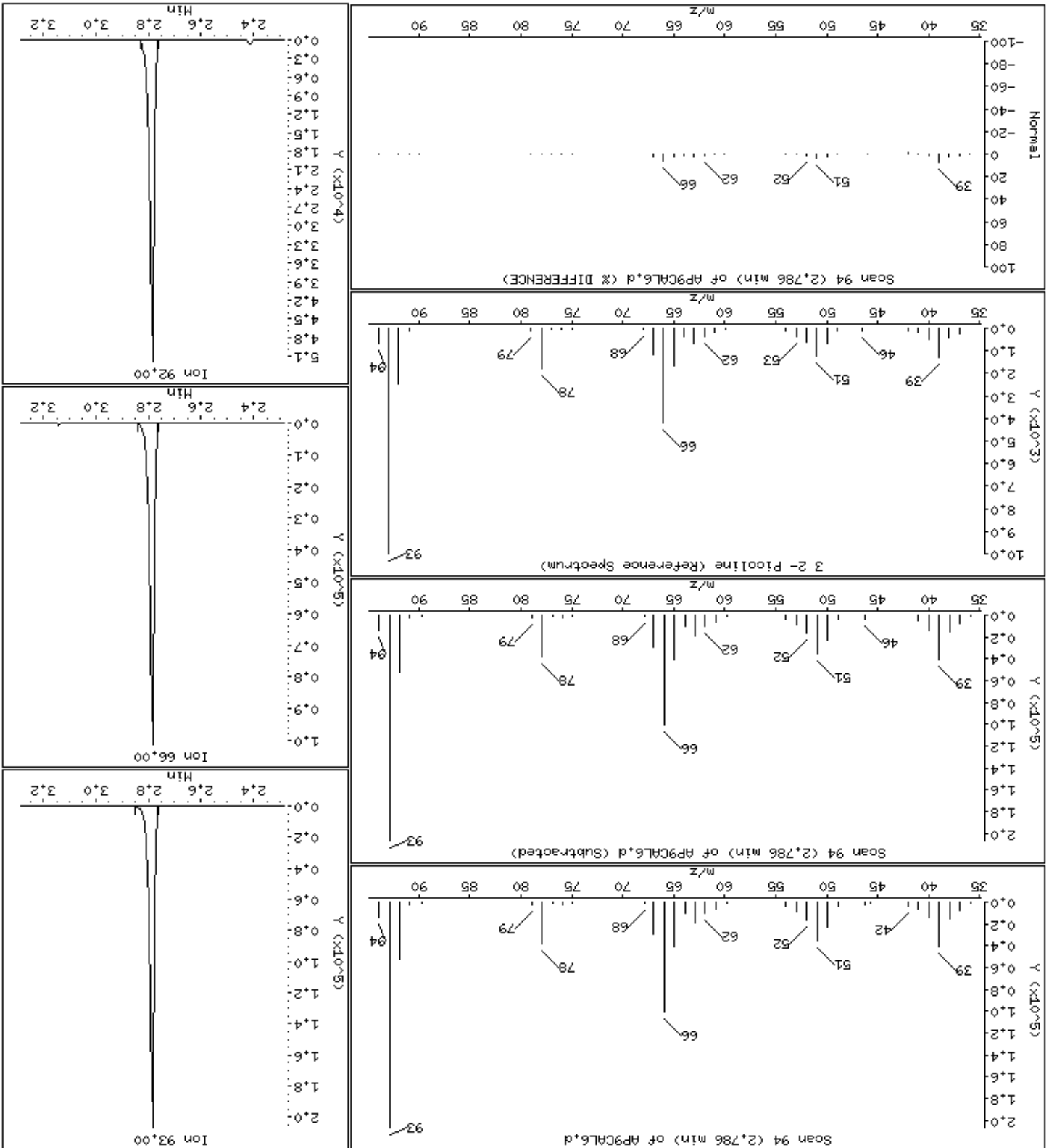
QC Flag Legend

- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.





3-2-Picoline



Date : 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

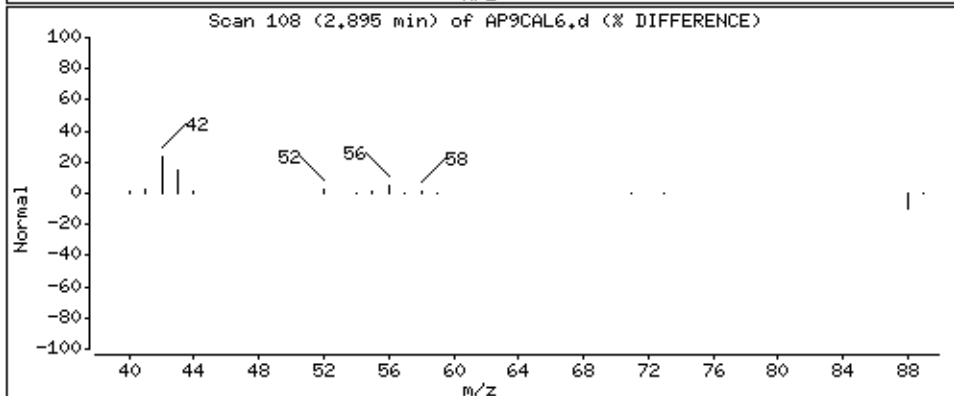
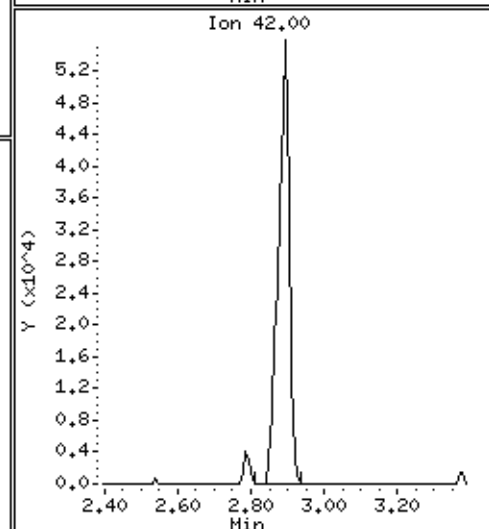
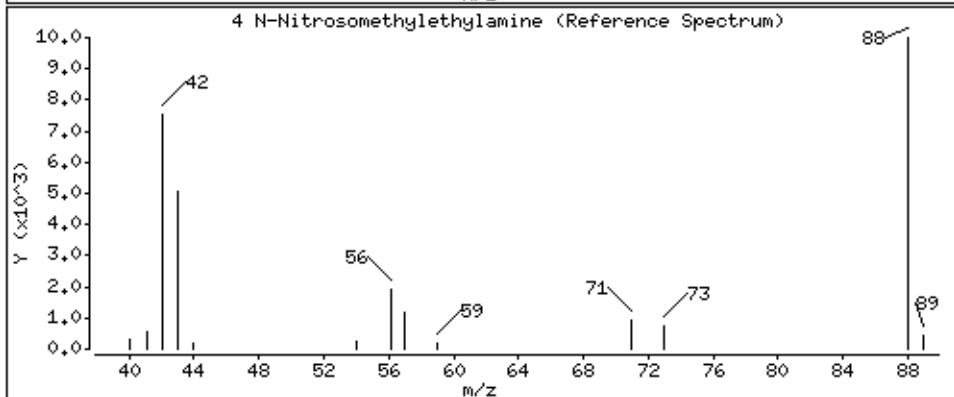
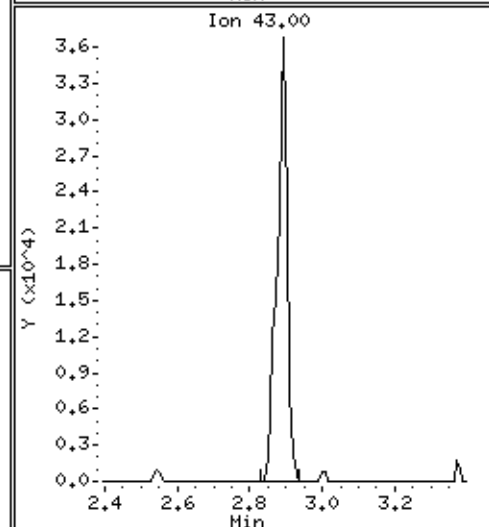
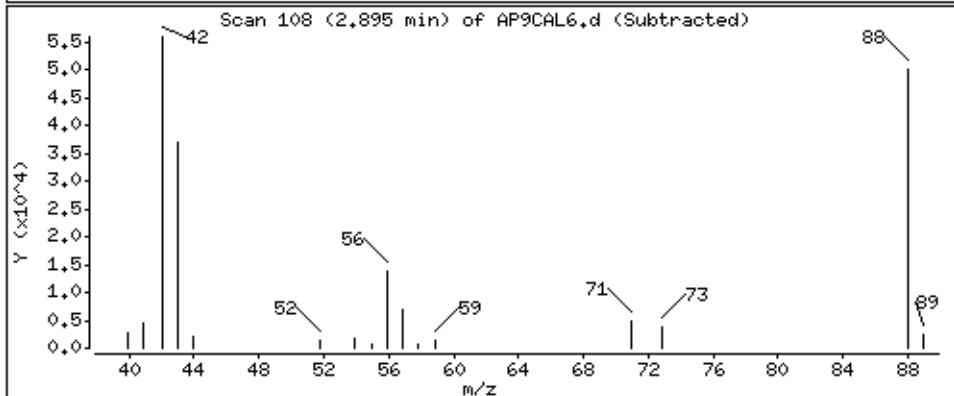
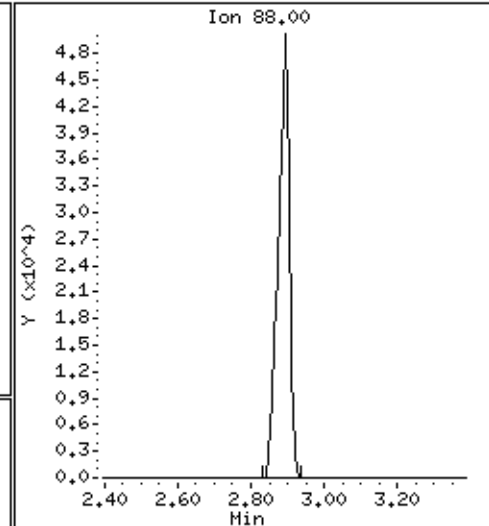
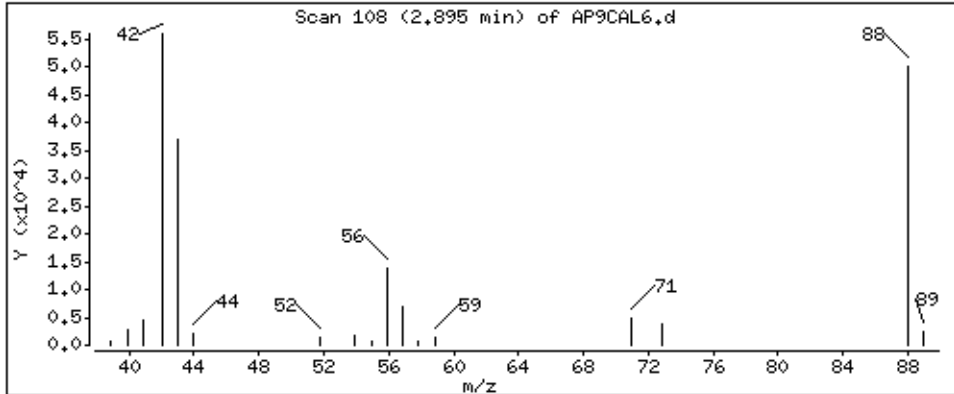
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

4 N-Nitrosomethylethylamine

Concentration: 75,8 ug/kg



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Instrument: smsd04.i

Sample Info: 47934

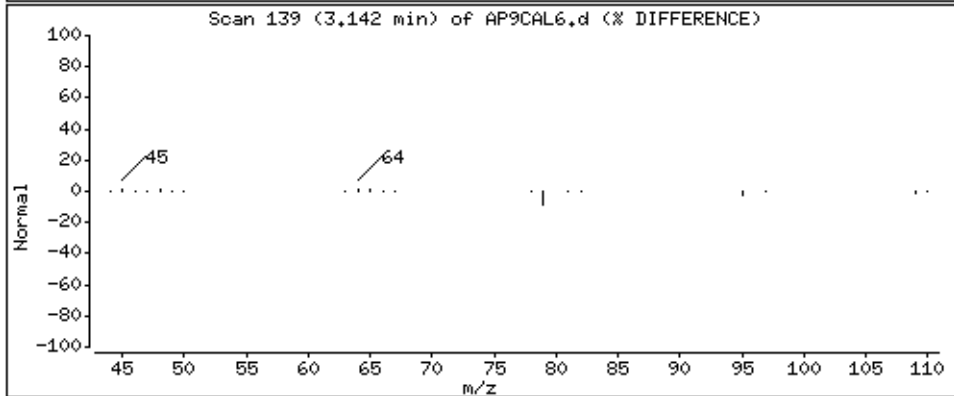
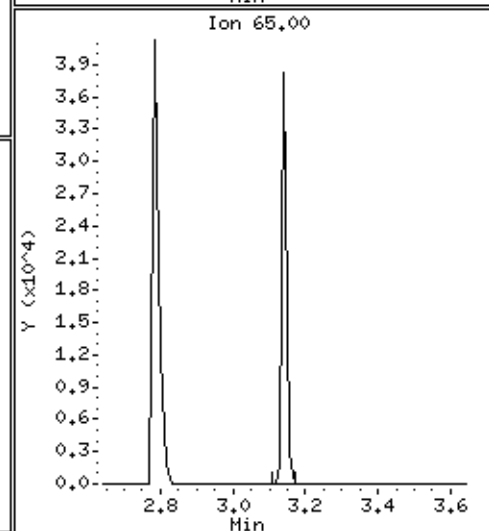
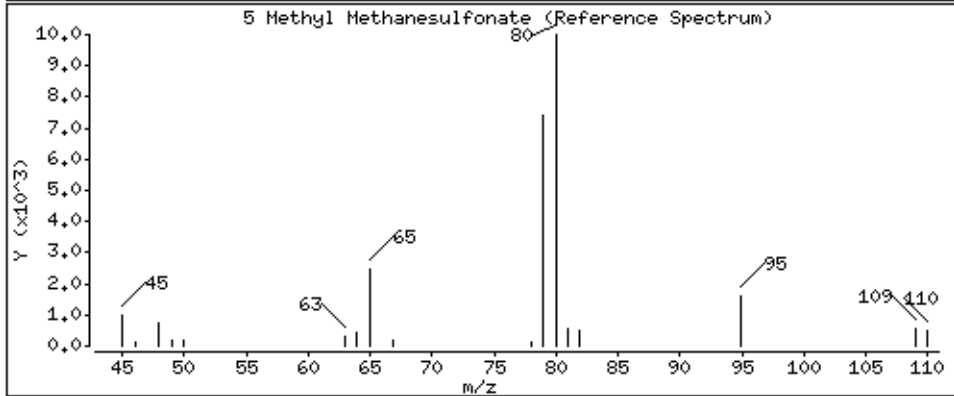
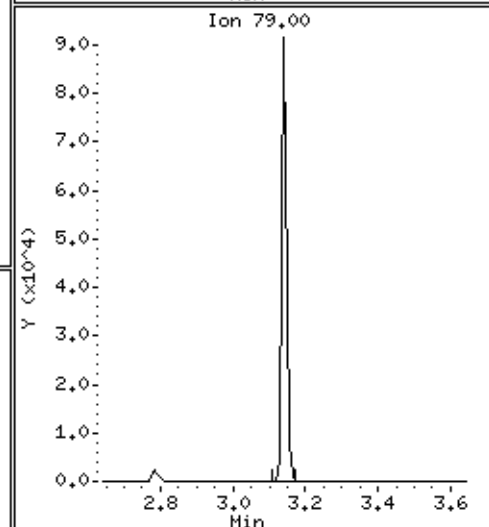
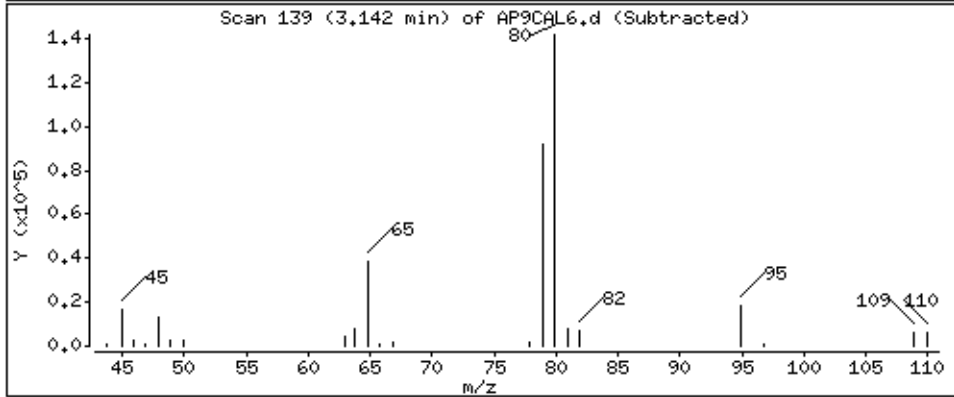
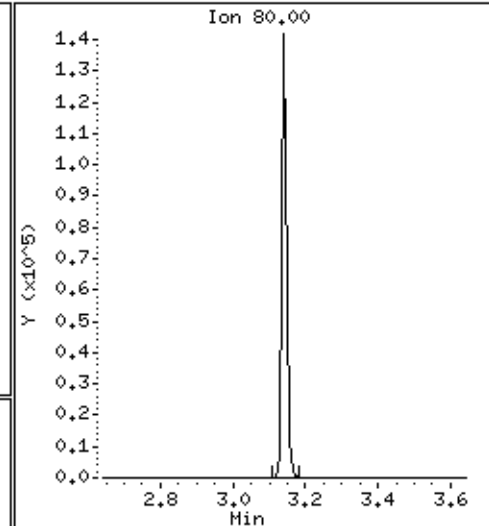
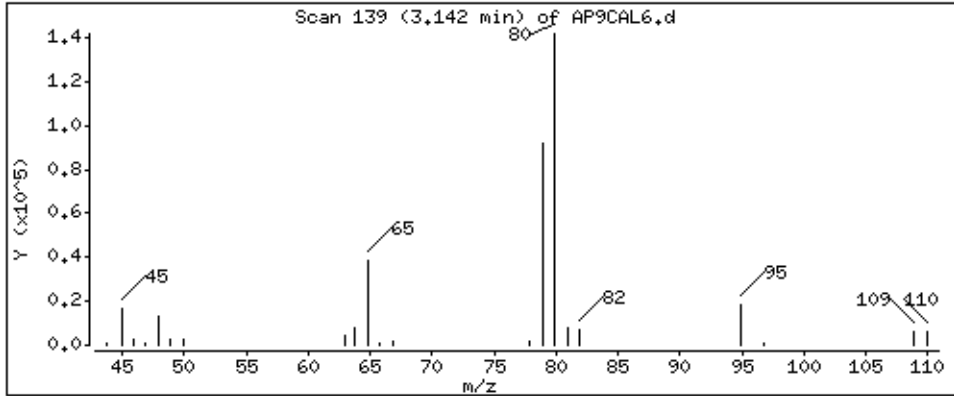
Operator: MJ

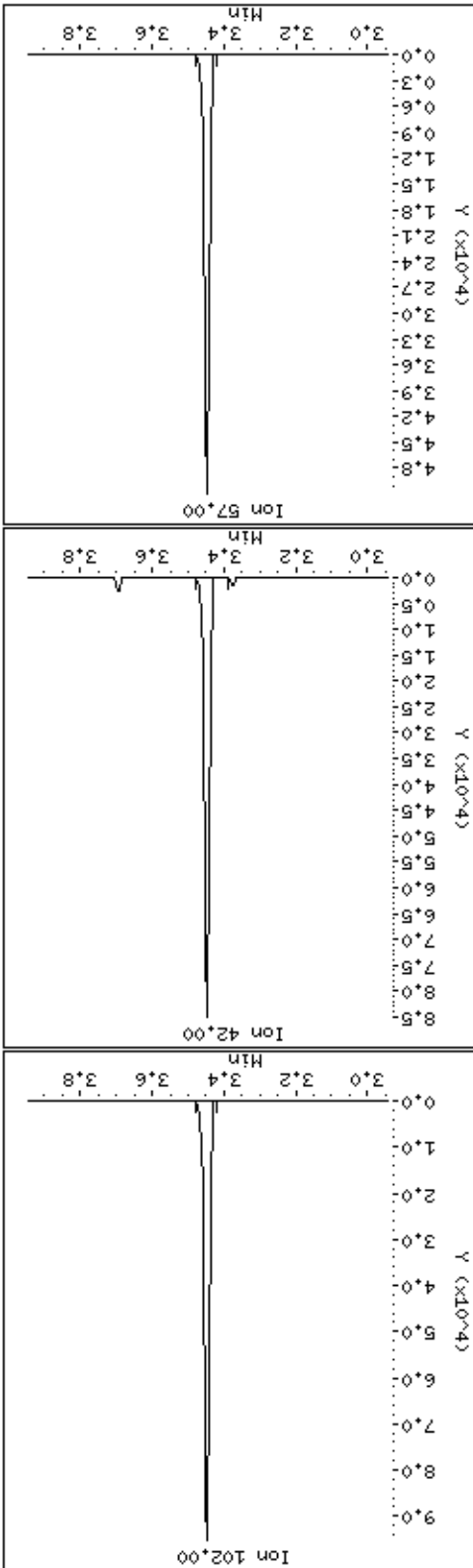
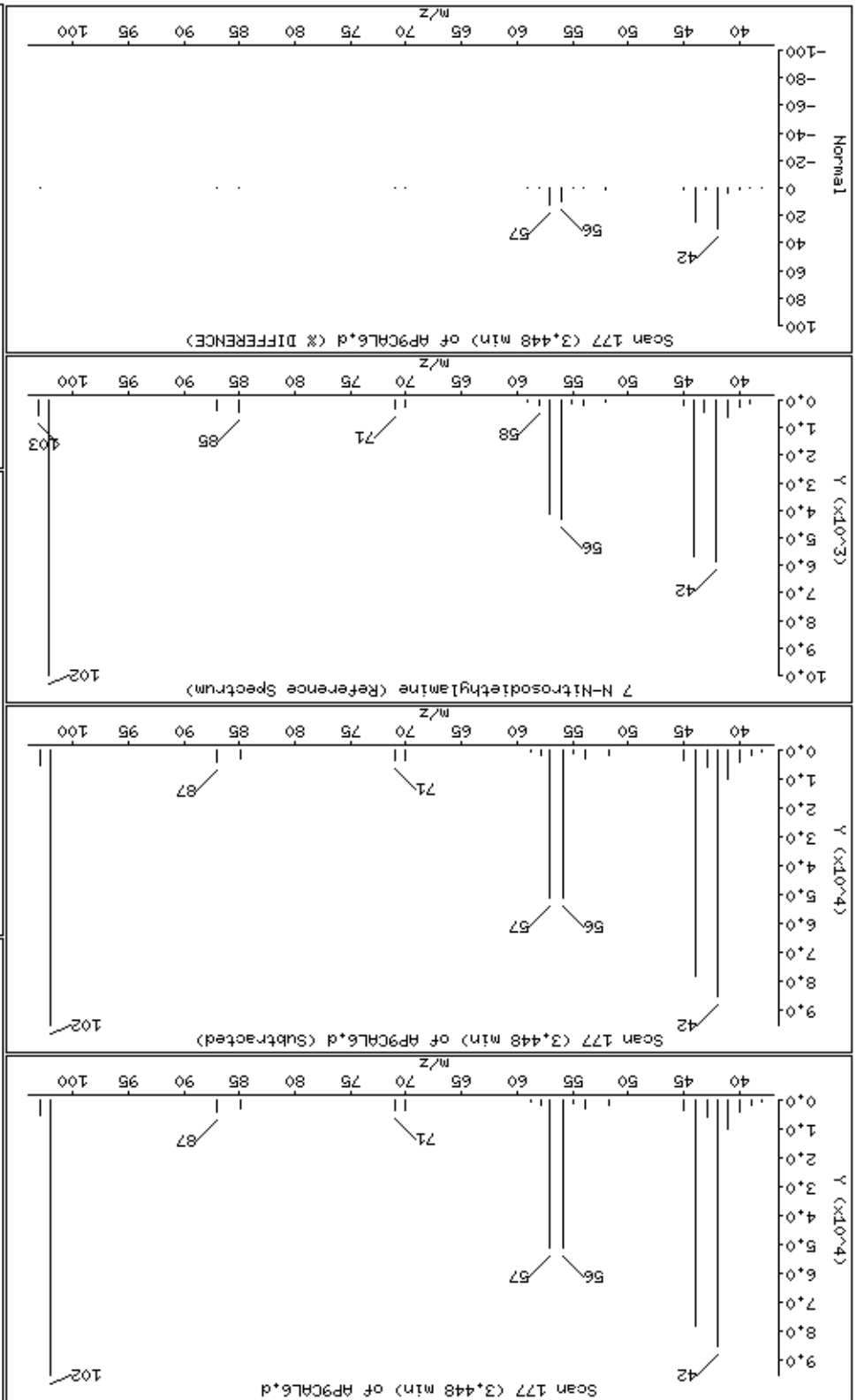
Column phase: HPHS-5

Column diameter: 0,25

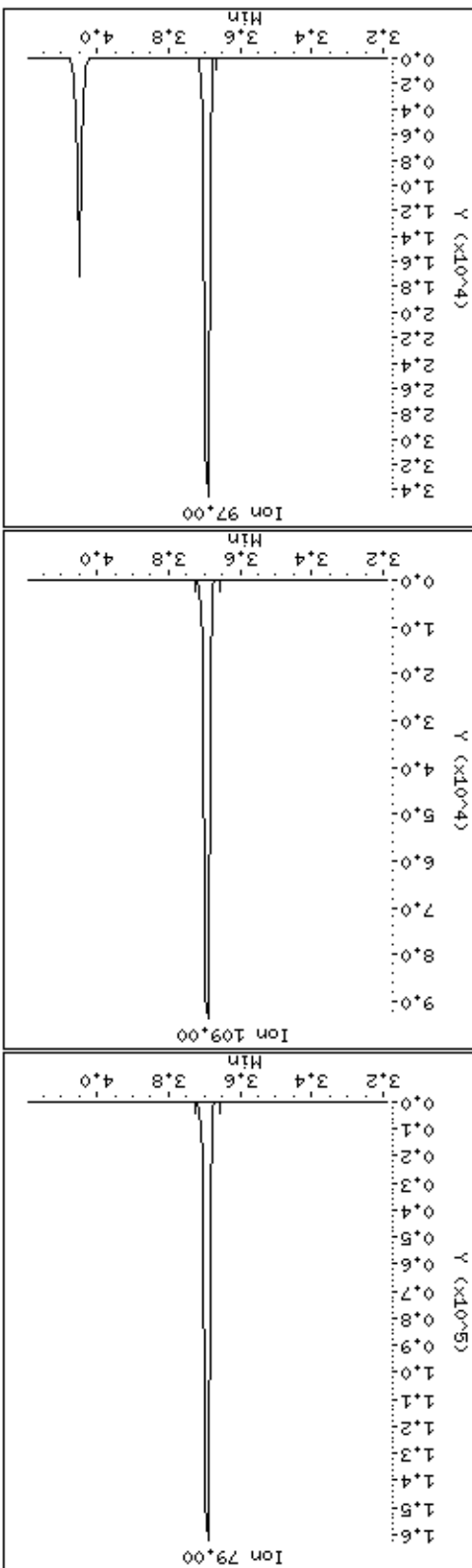
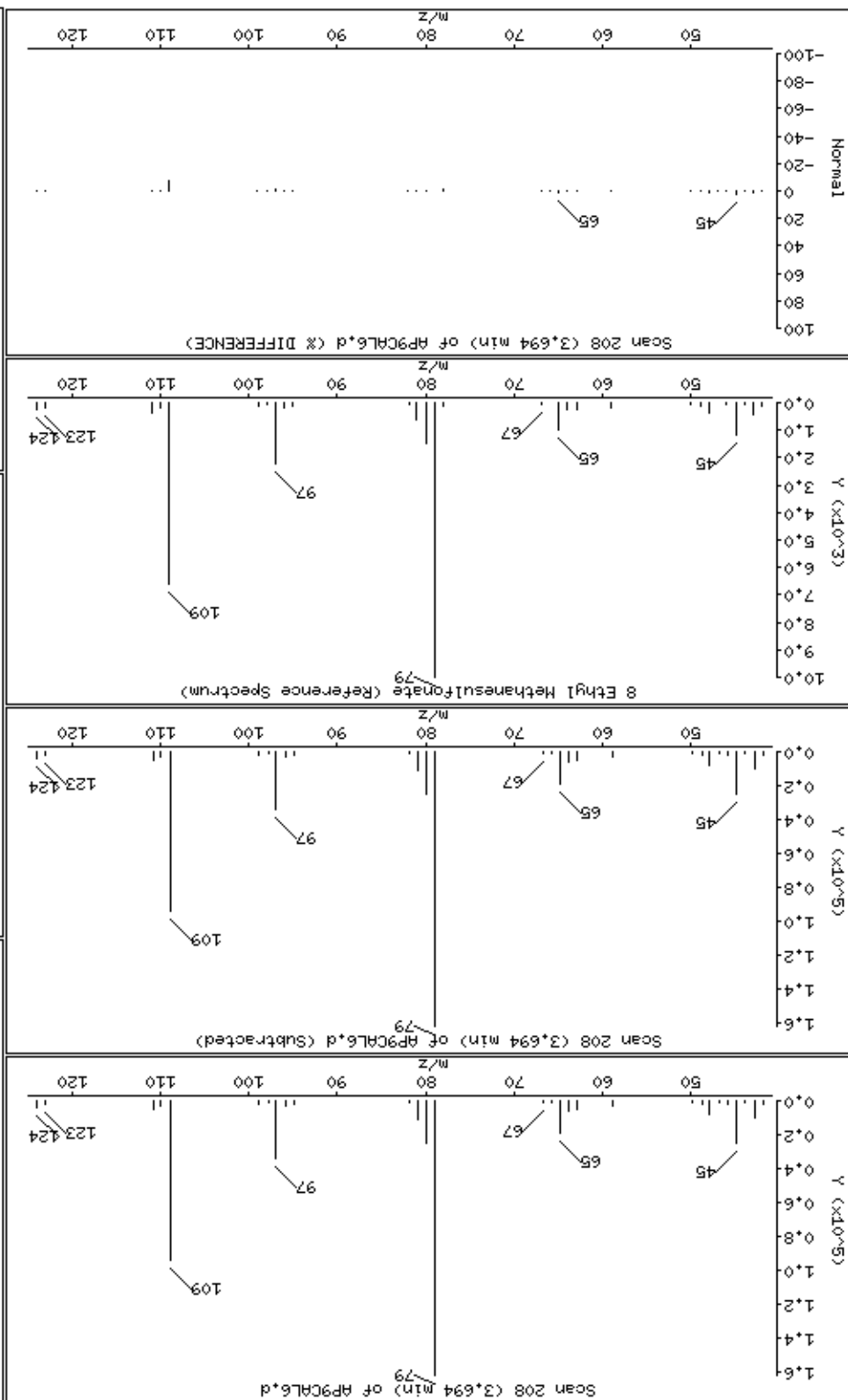
5 Methyl Methanesulfonate

Concentration: 73,9 ug/kg

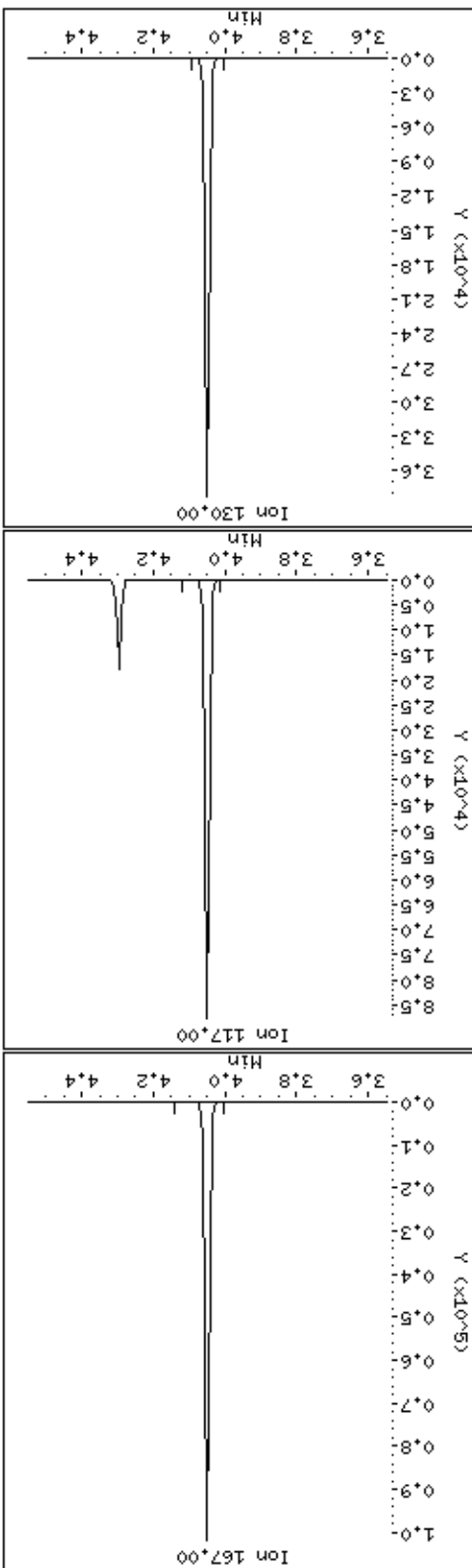
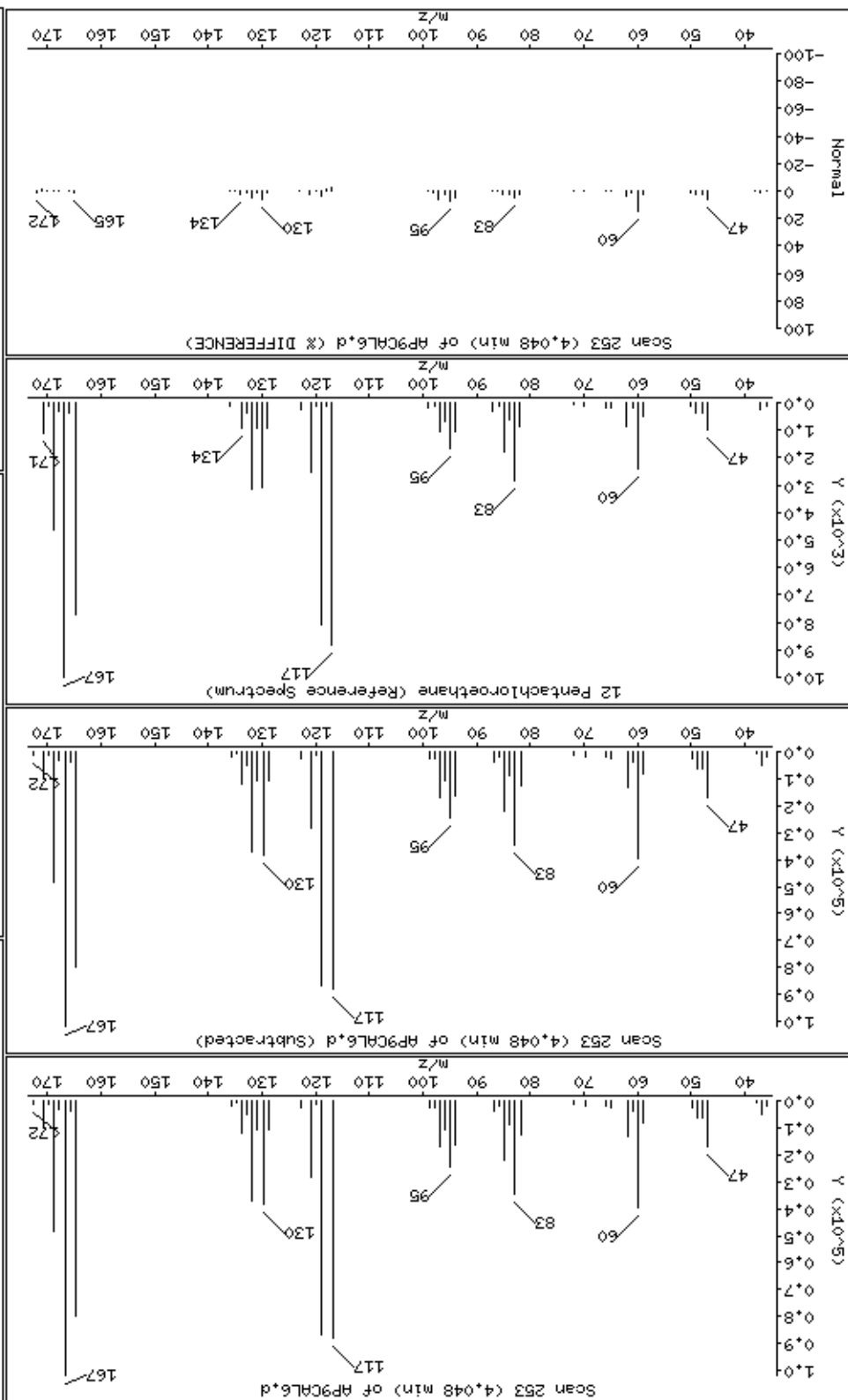


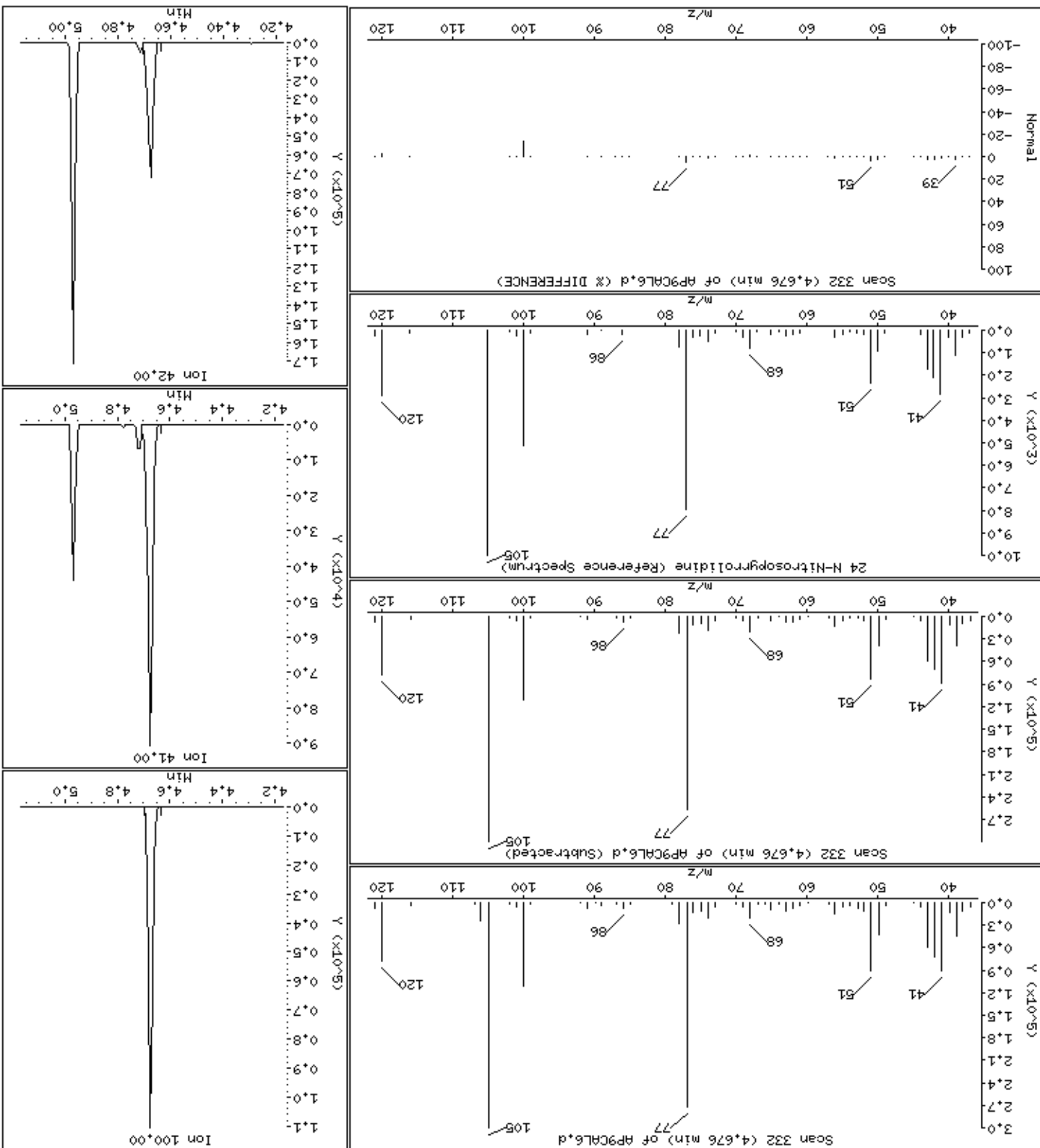


8 Ethyl Methanesulfonate



12 Pentachloroethane







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Instrument: smsd04.i

Sample Info: 47934

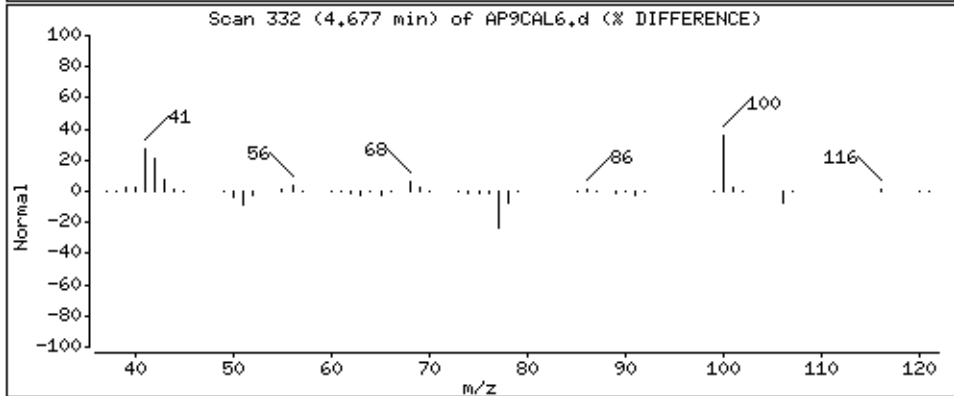
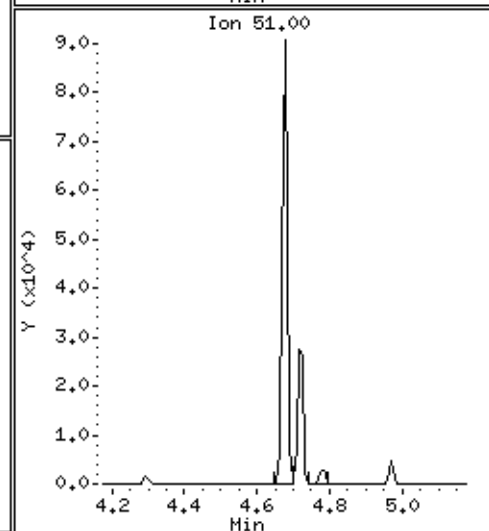
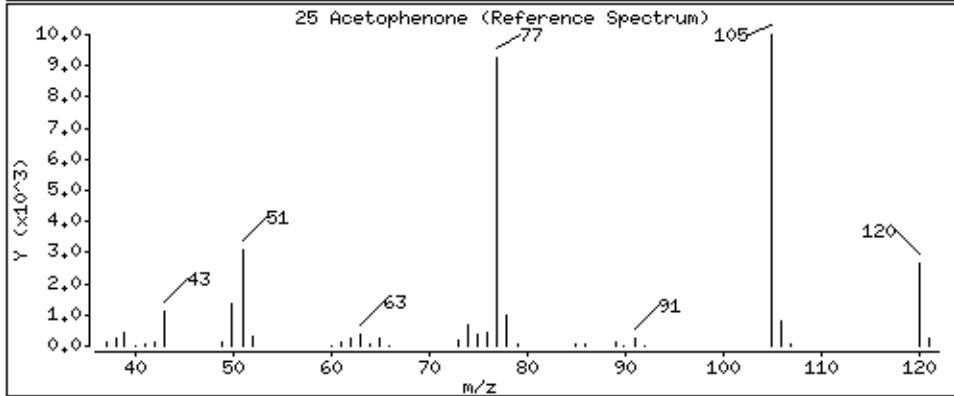
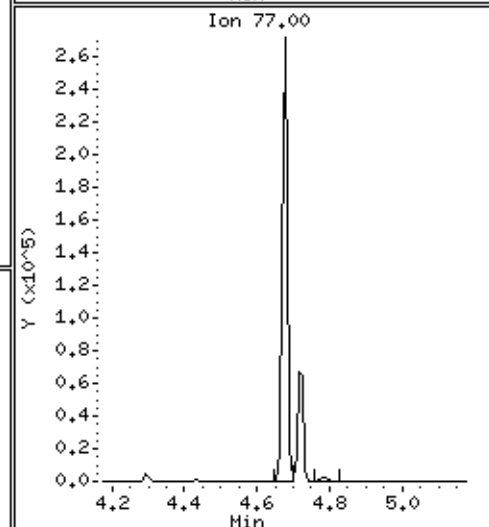
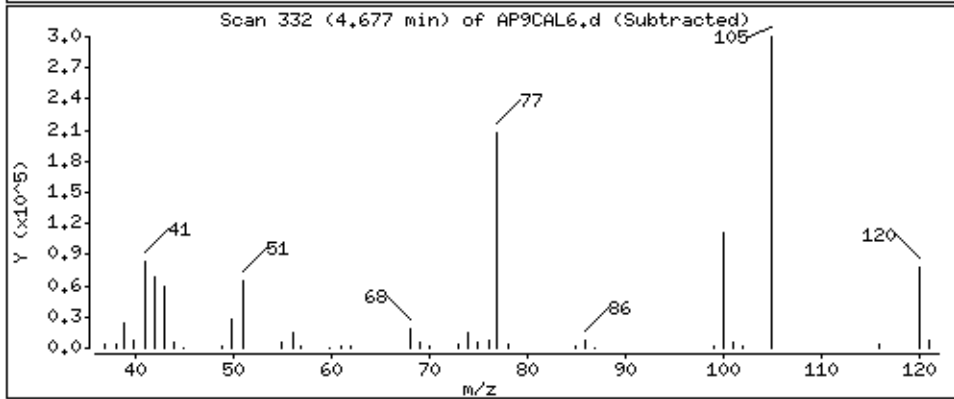
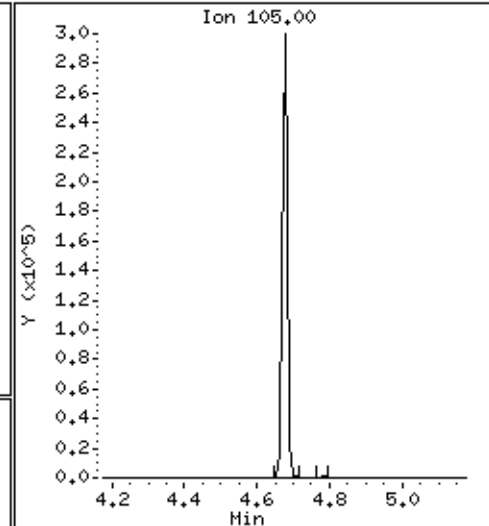
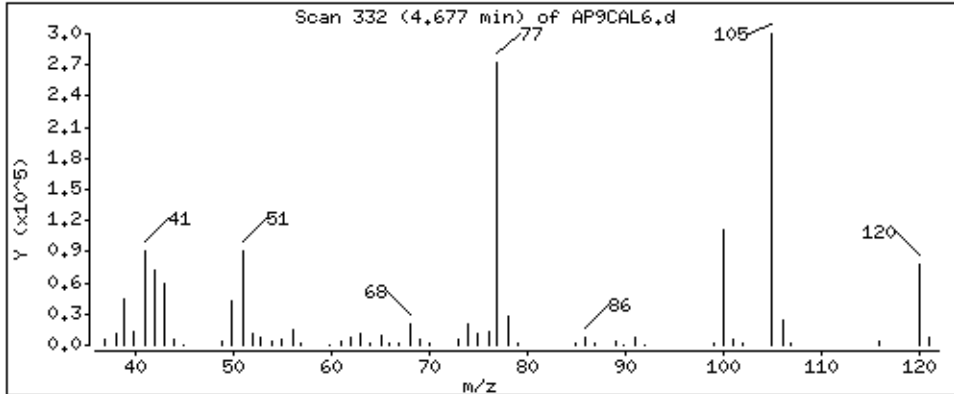
Operator: MJ

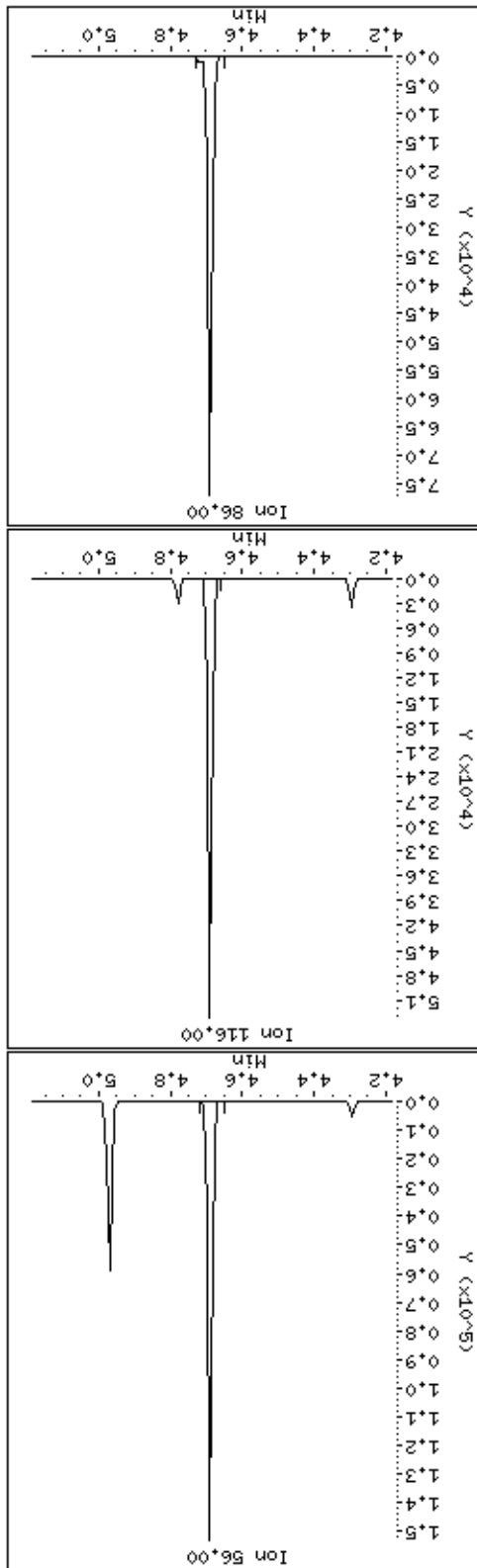
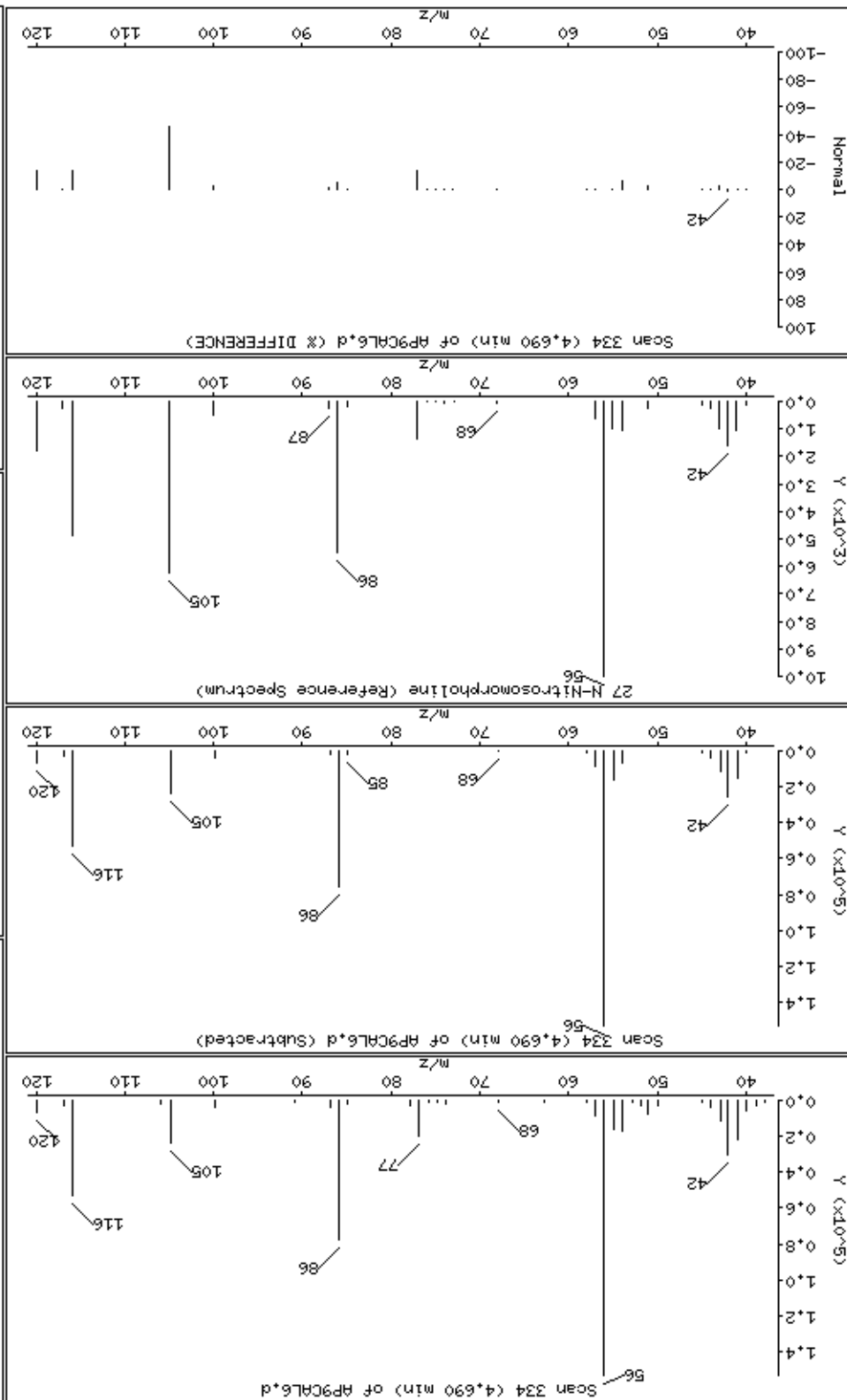
Column phase: HPMS-5

Column diameter: 0,25

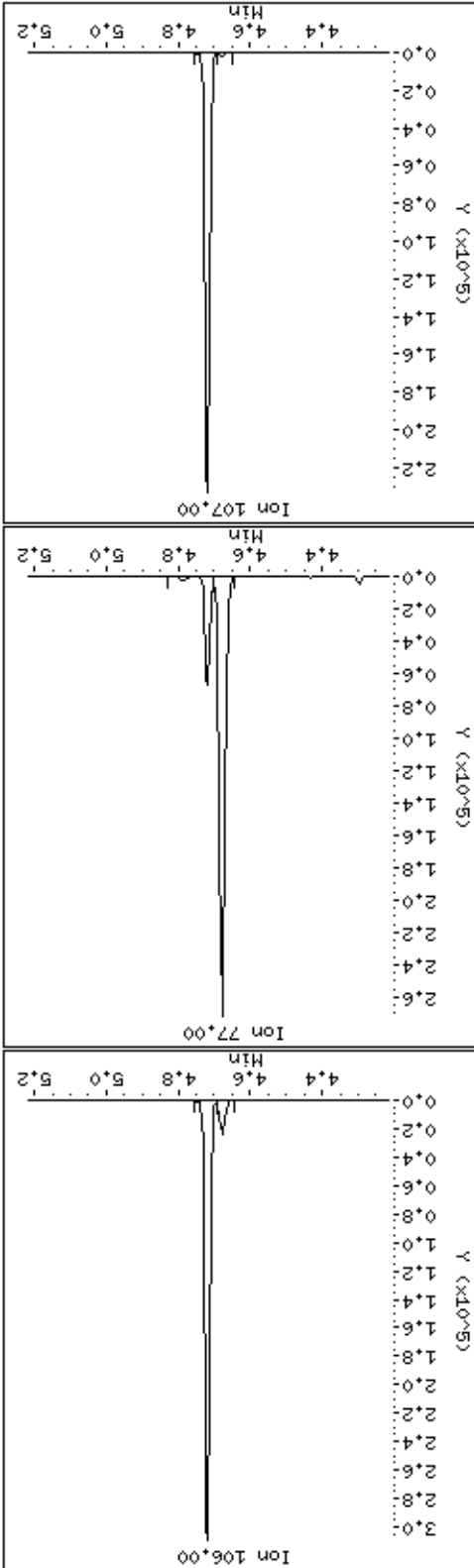
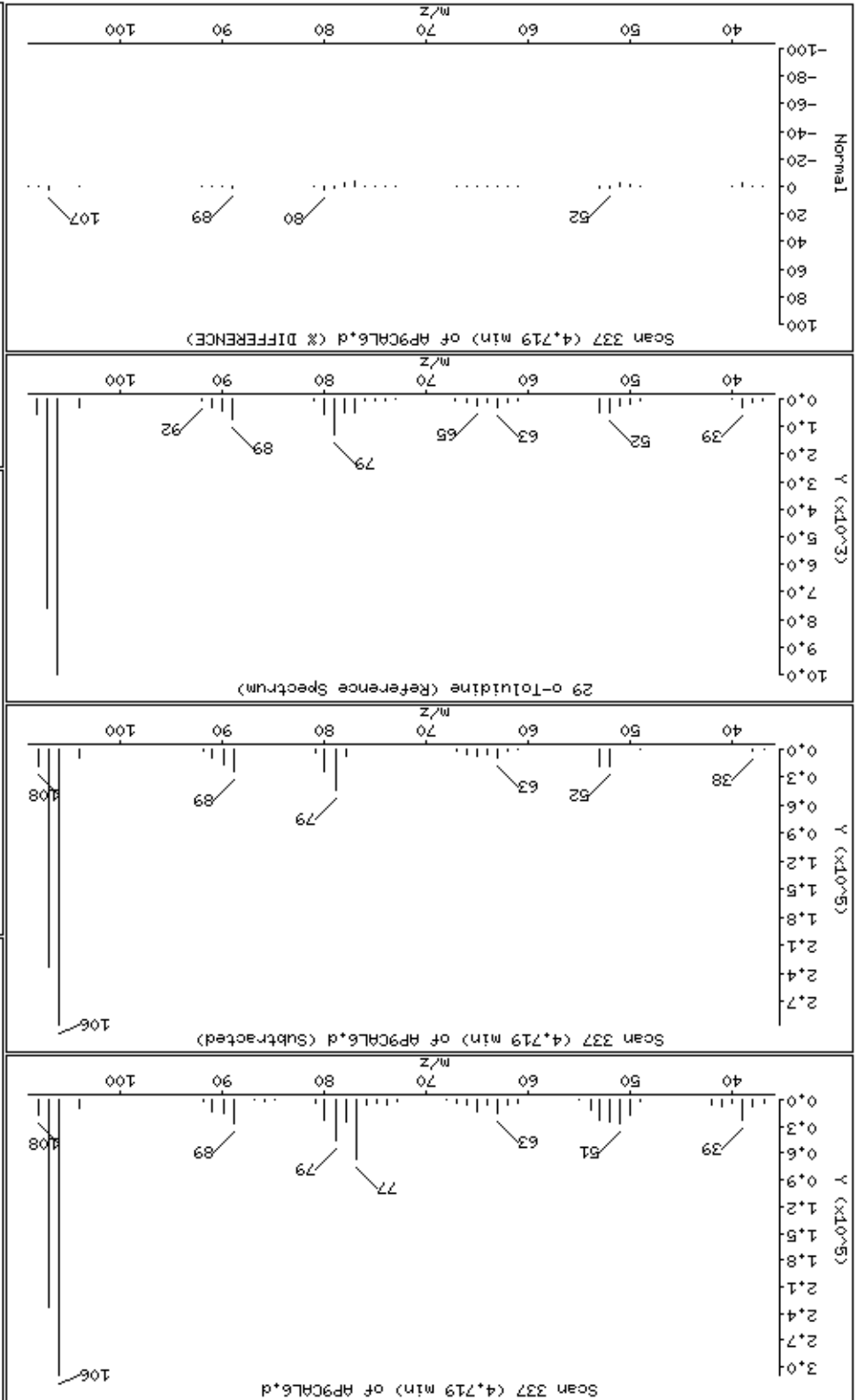
25 Acetophenone

Concentration: 73,7 ug/kg



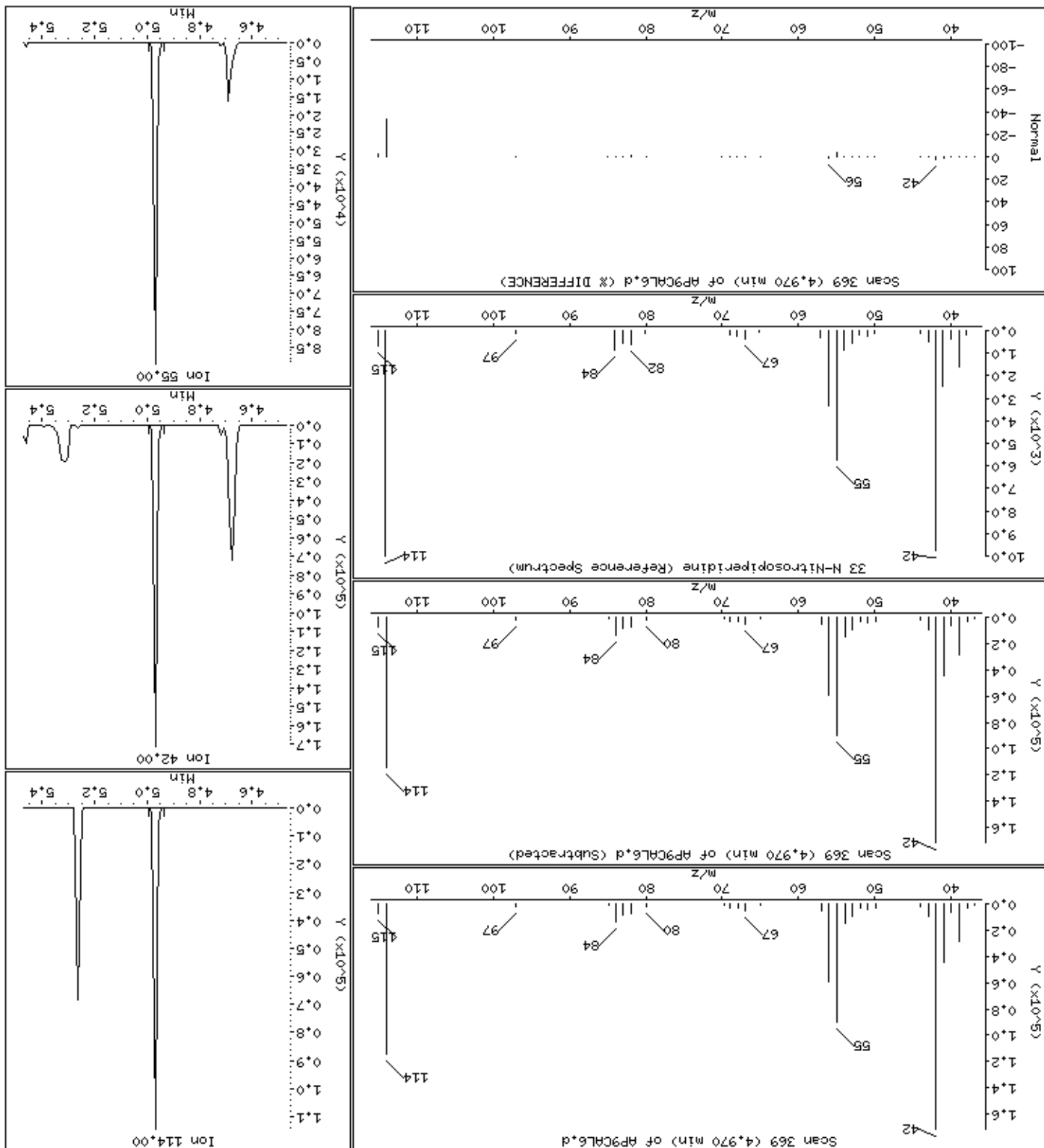


29-o-Toluidine



33 N-Nitrosopiperidine

Column phase: HPMS-5



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Sample Info: 47934

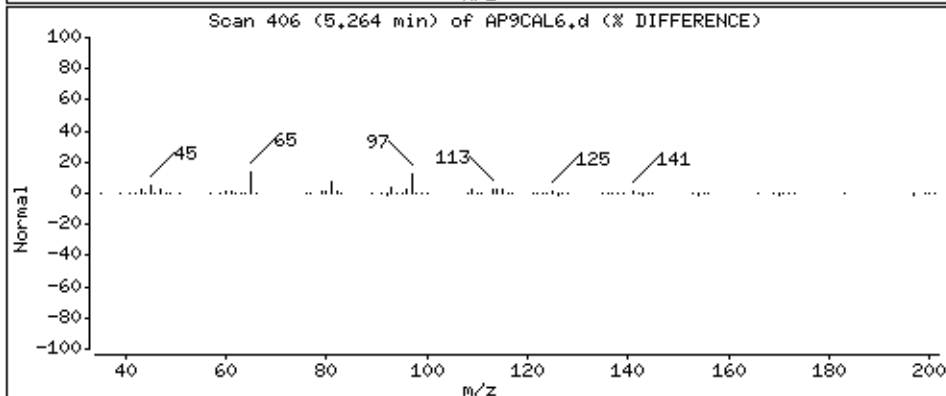
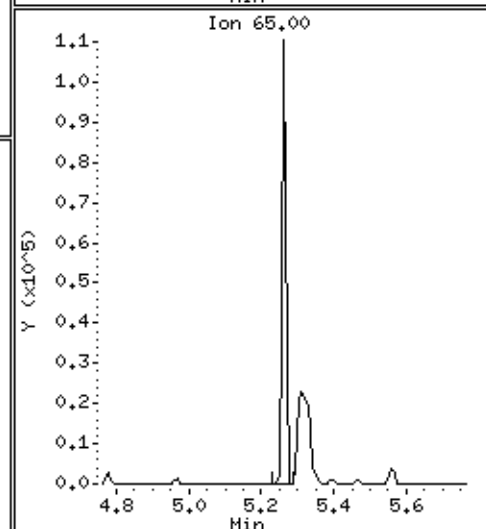
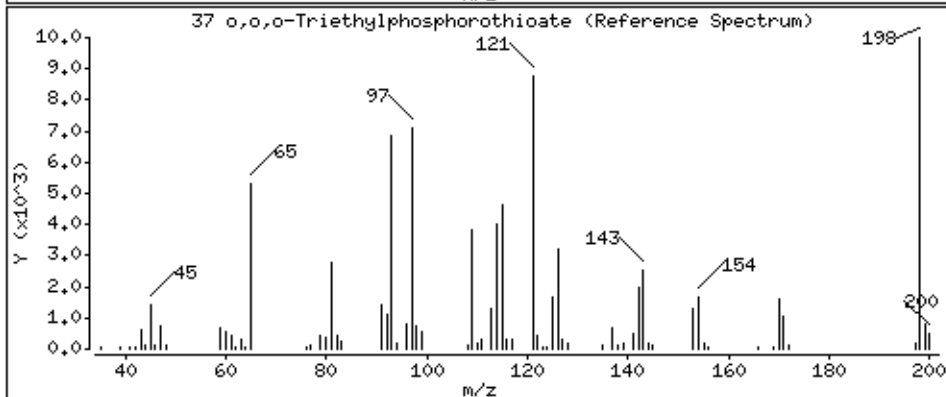
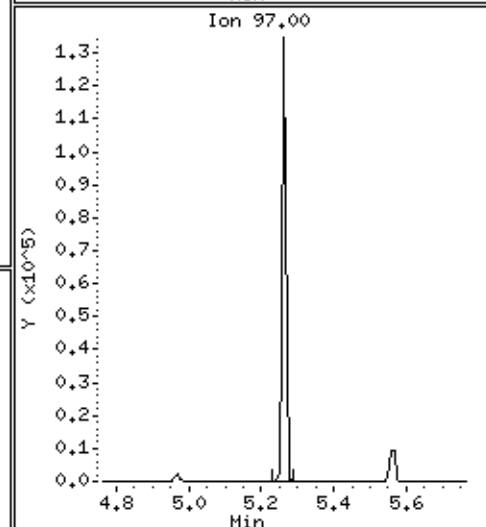
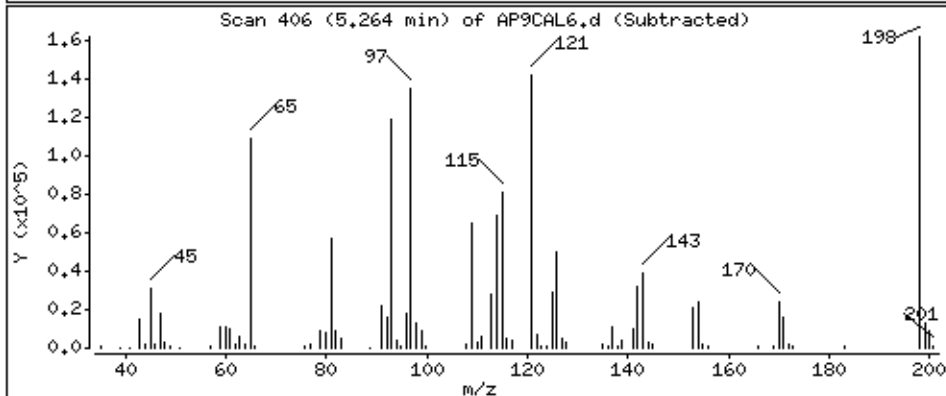
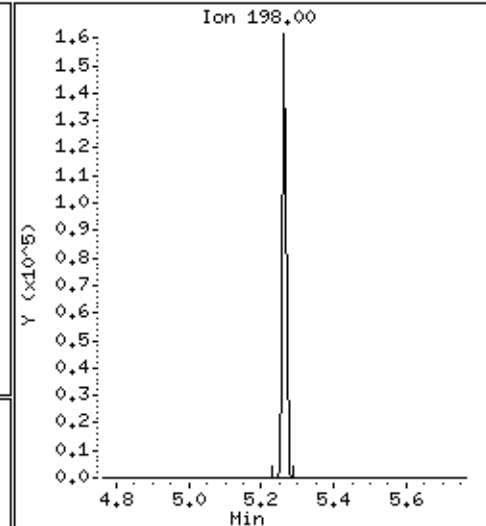
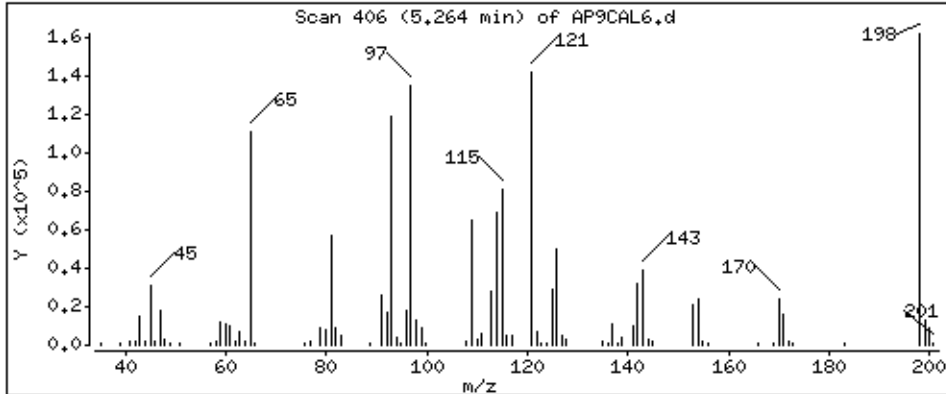
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

37 o,o,o-Triethylphosphorothioate

Concentration: 77,8 ug/kg



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Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

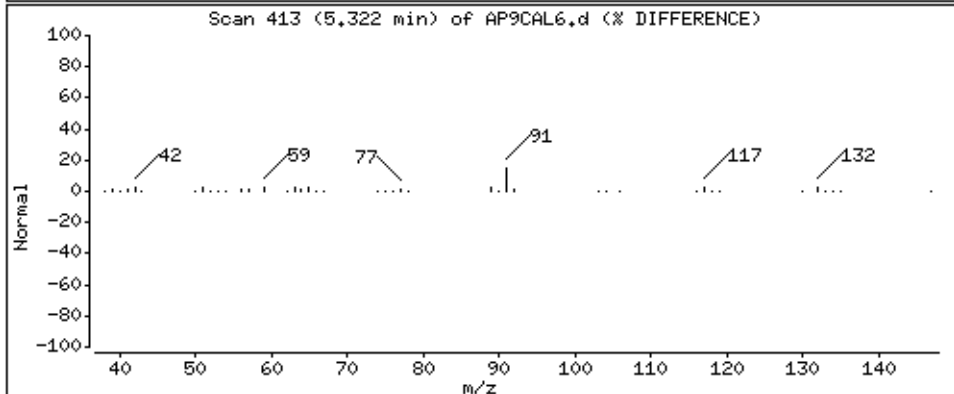
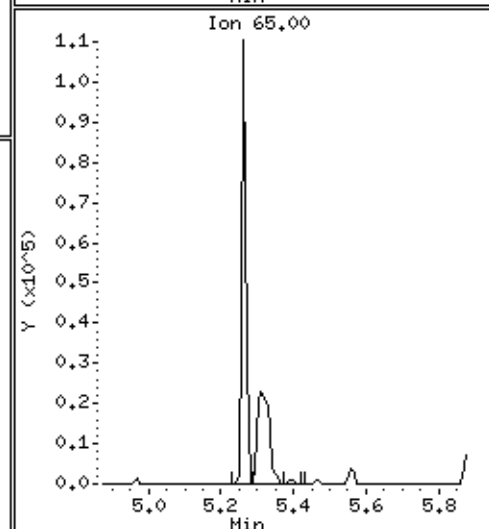
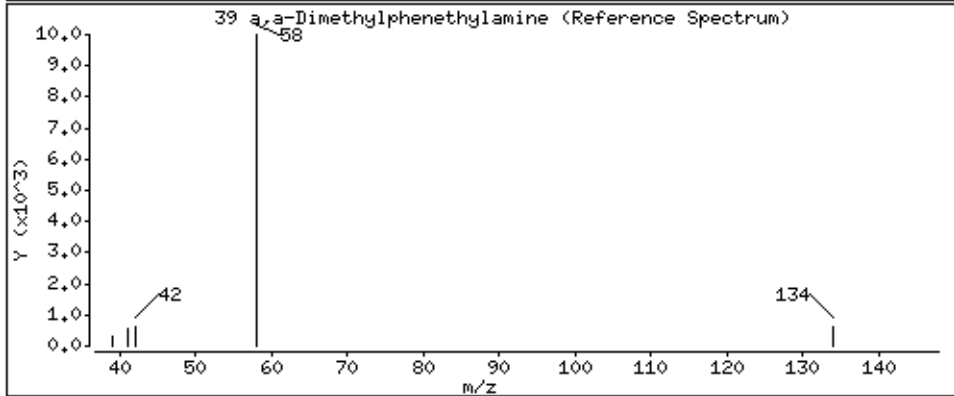
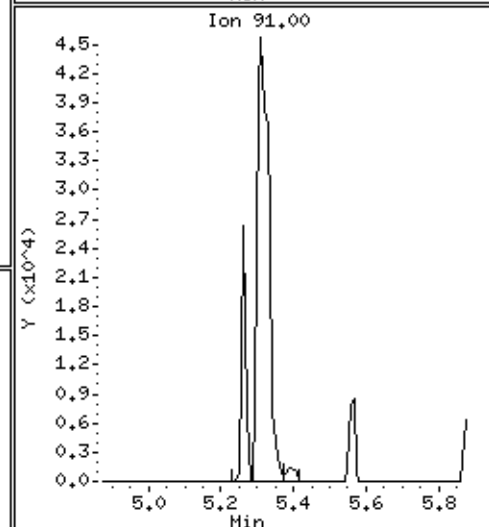
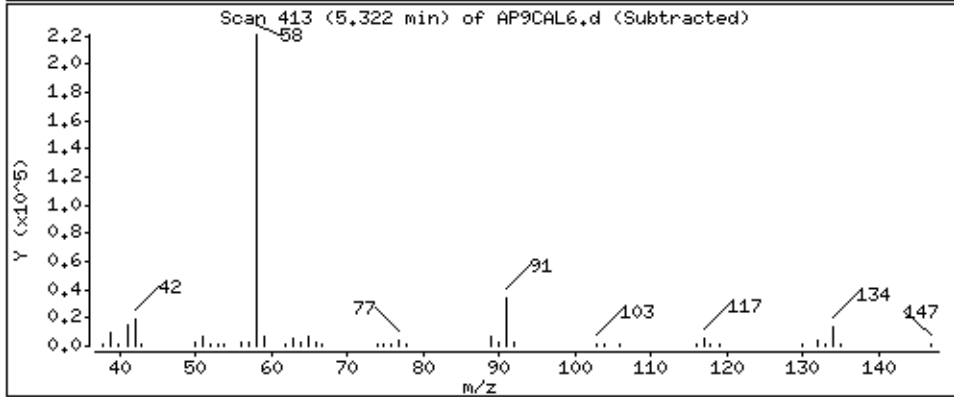
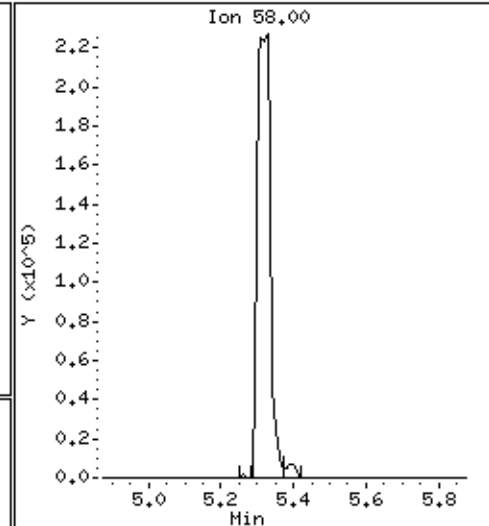
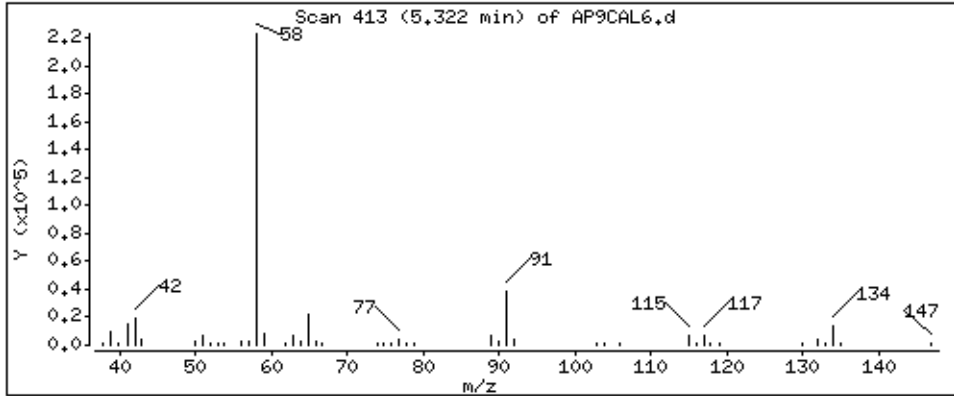
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

39 a,a-Dimethylphenethylamine

Concentration: 80,3 ug/kg



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Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

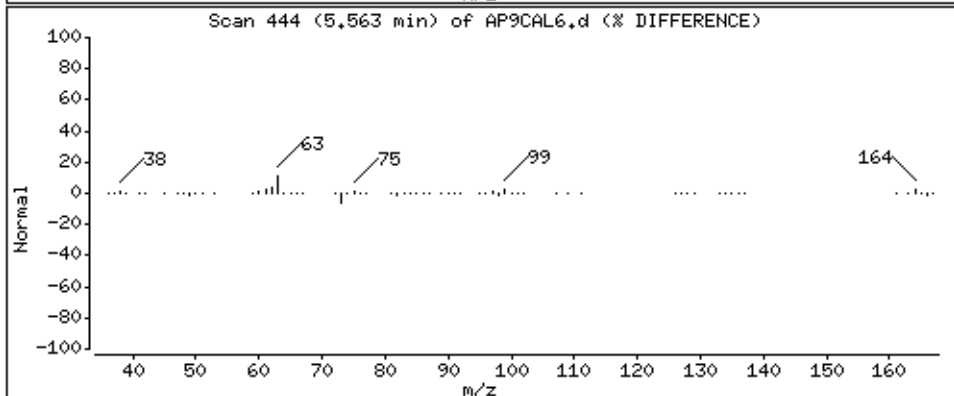
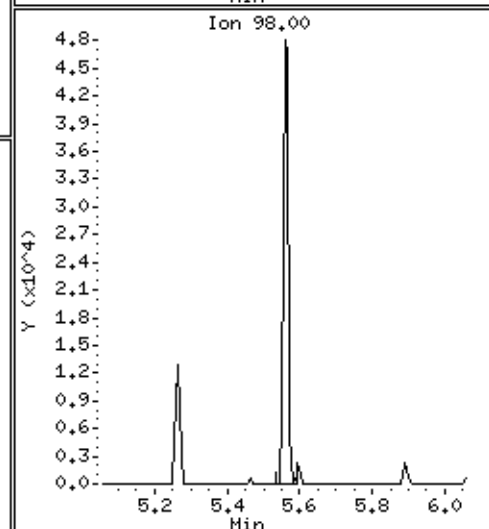
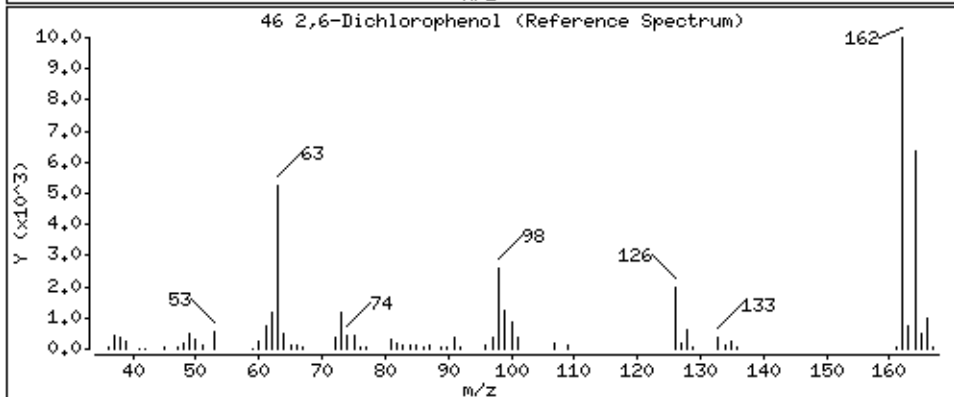
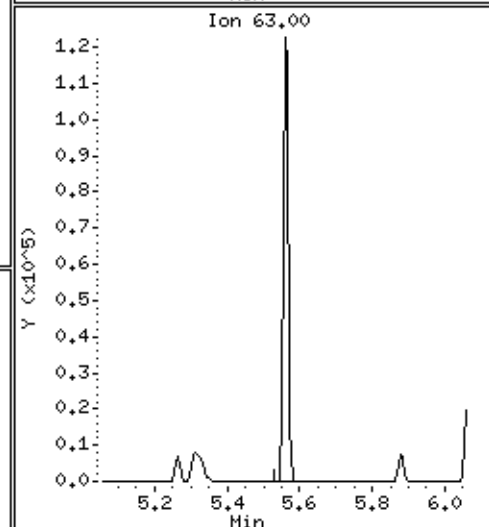
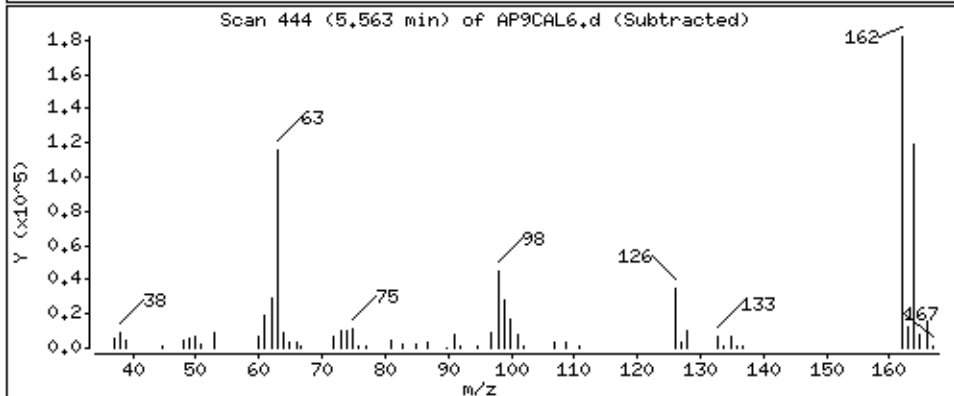
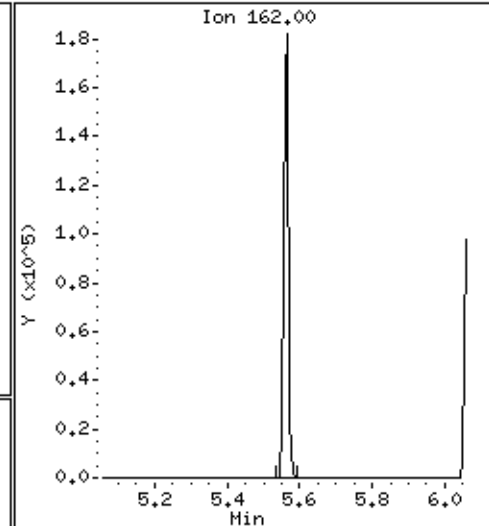
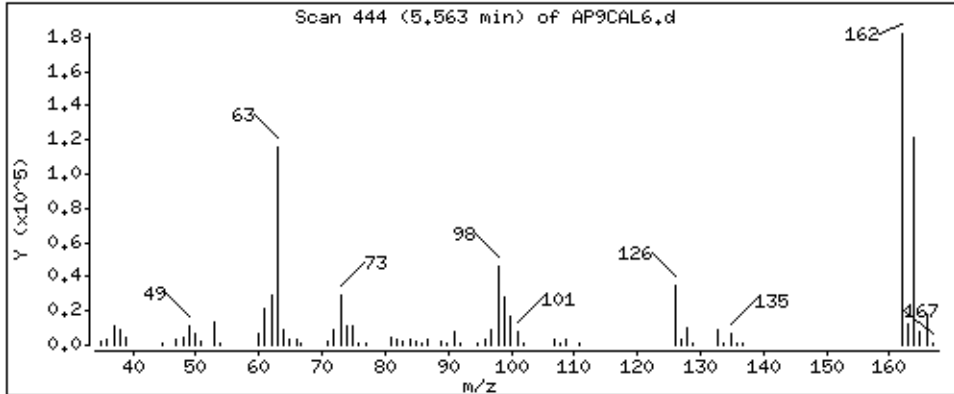
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

46 2,6-Dichlorophenol

Concentration: 79.4 ug/kg



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Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

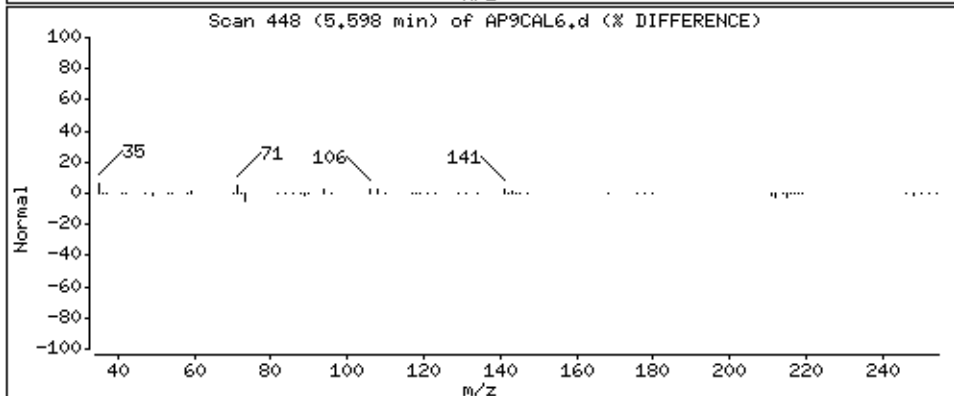
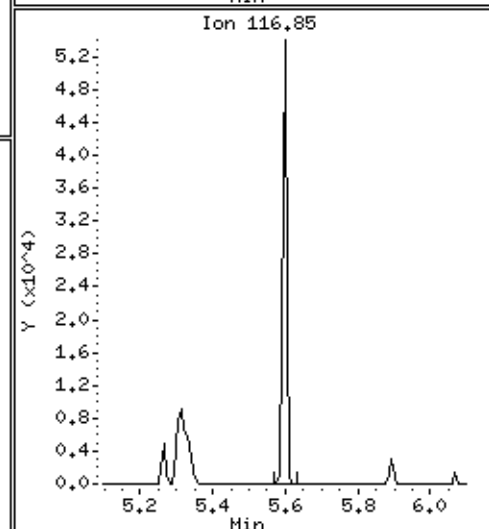
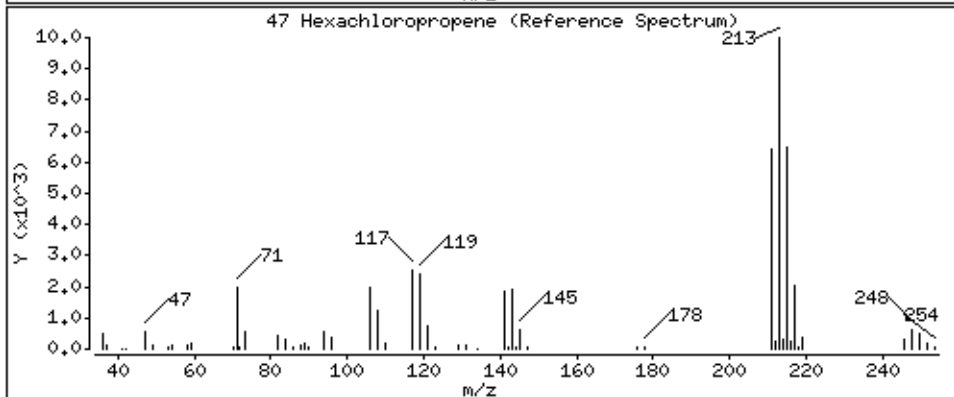
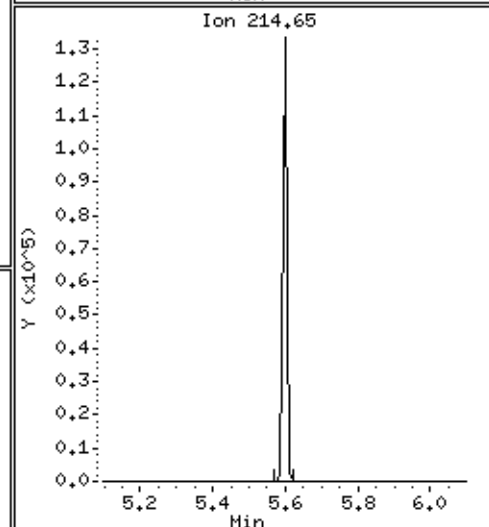
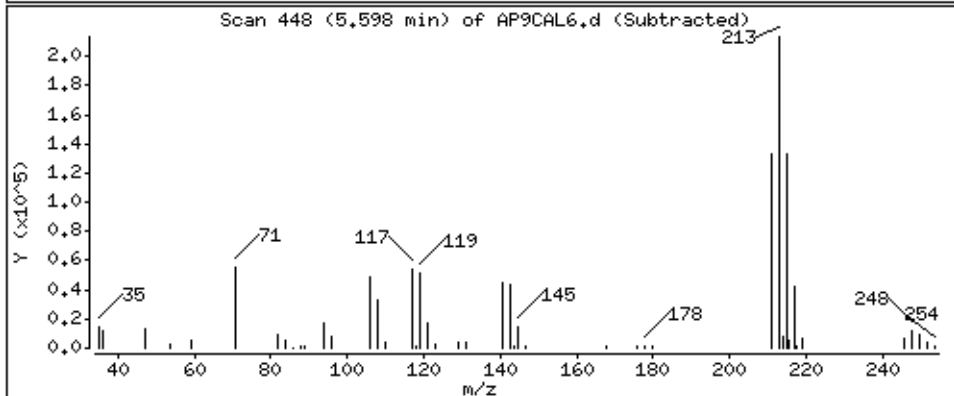
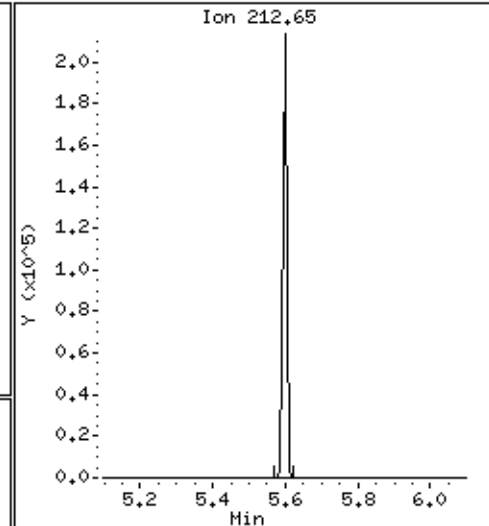
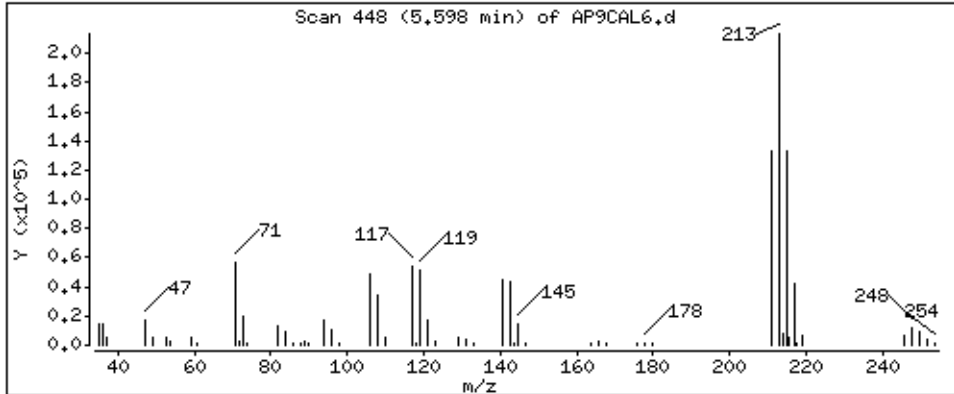
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

47 Hexachloropropene

Concentration: 77,8 ug/kg





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Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

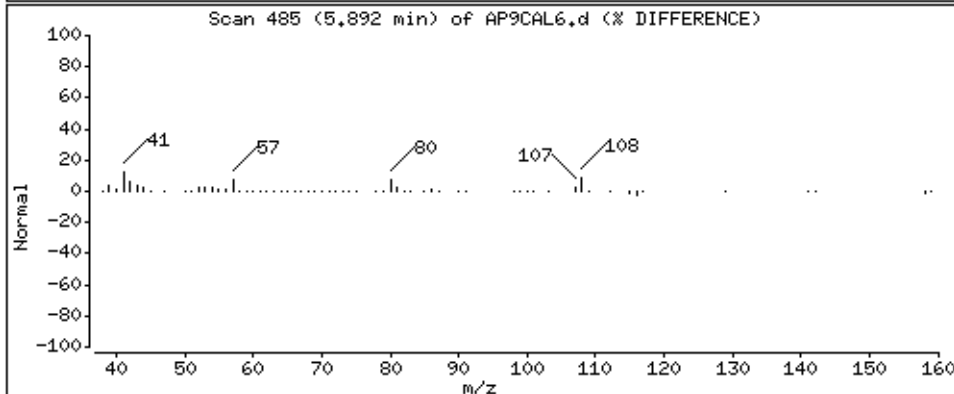
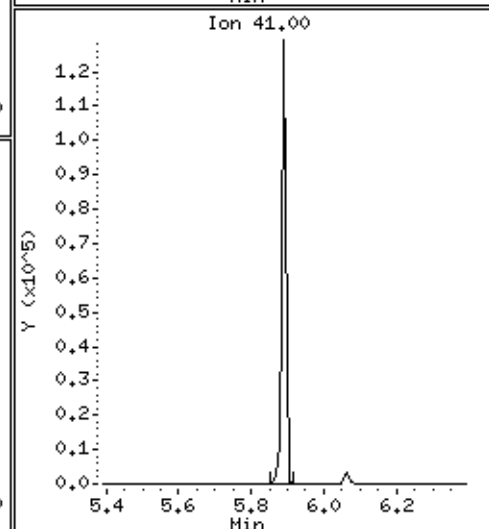
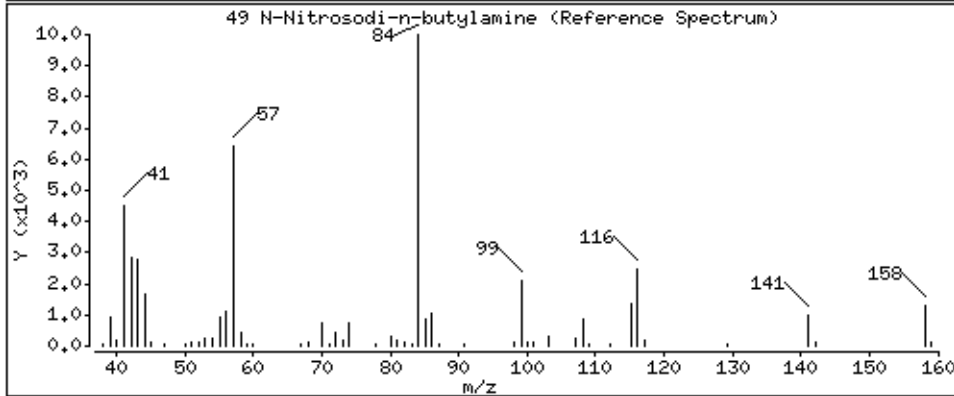
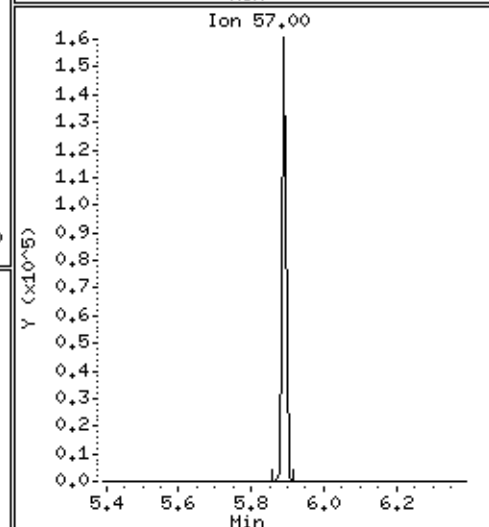
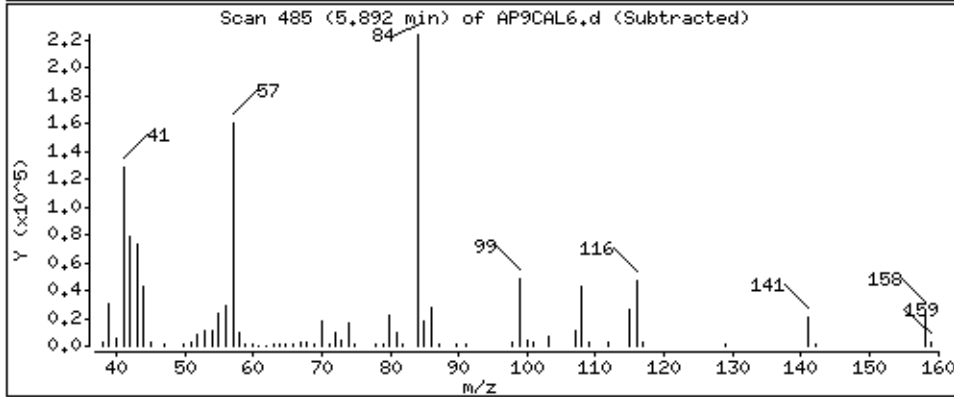
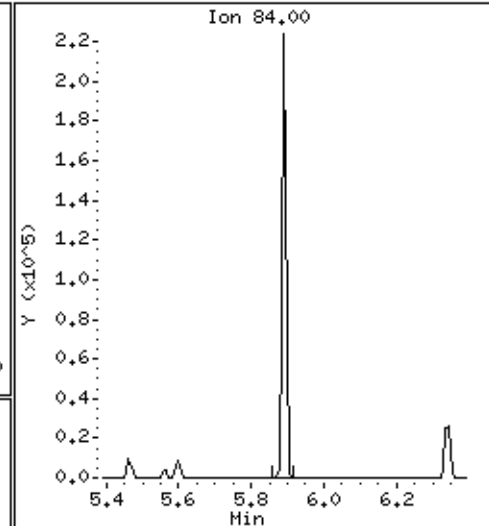
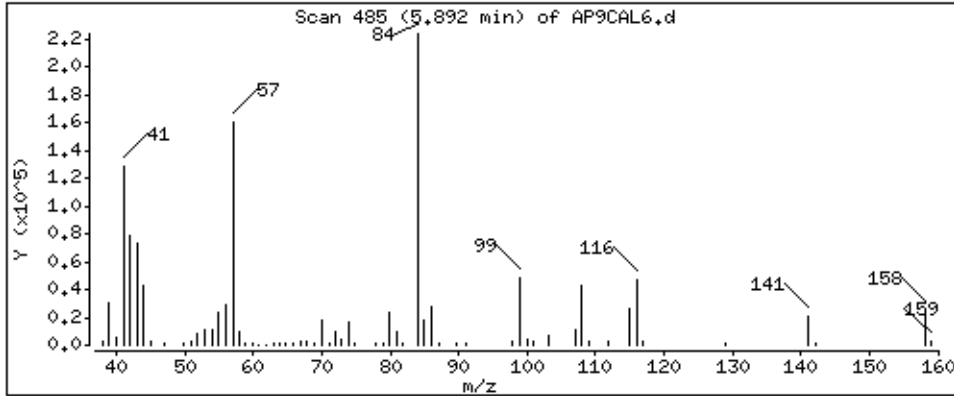
Operator: MJ

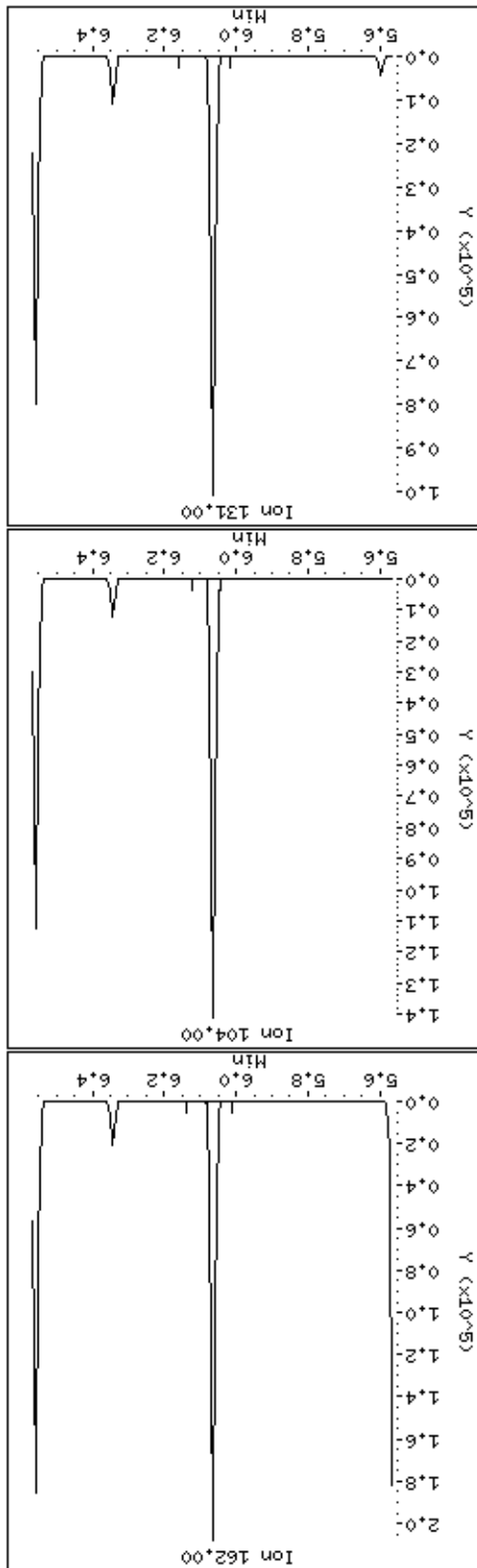
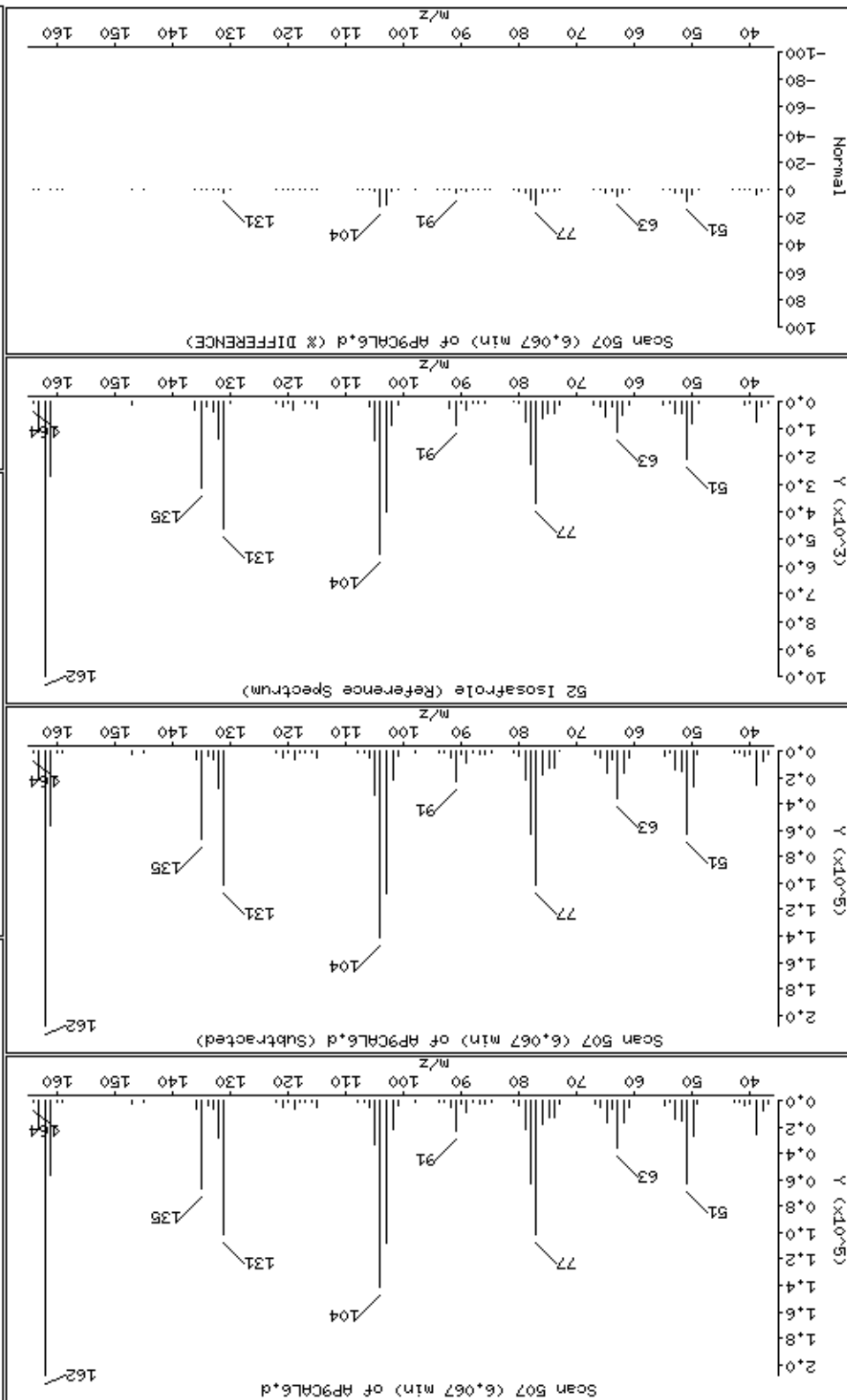
Column phase: HPMS-5

Column diameter: 0.25

49 N-Nitrosodi-n-butylamine

Concentration: 77.9 ug/kg





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Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

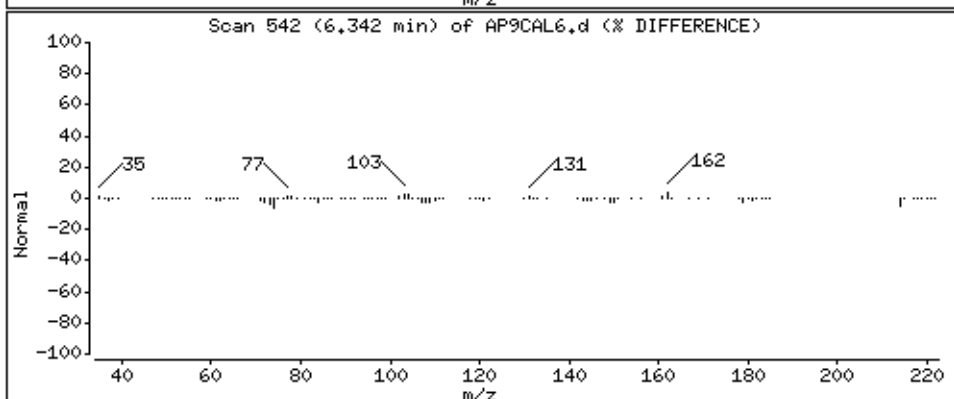
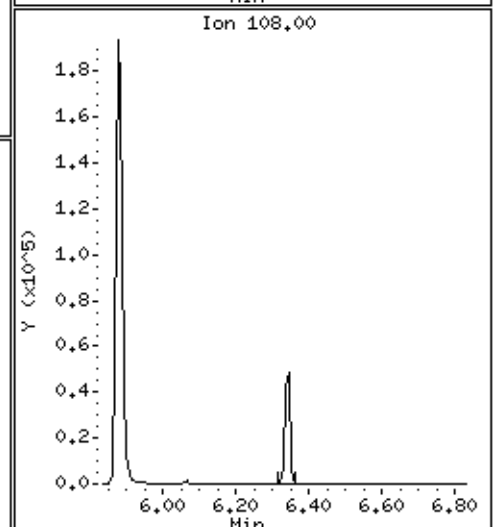
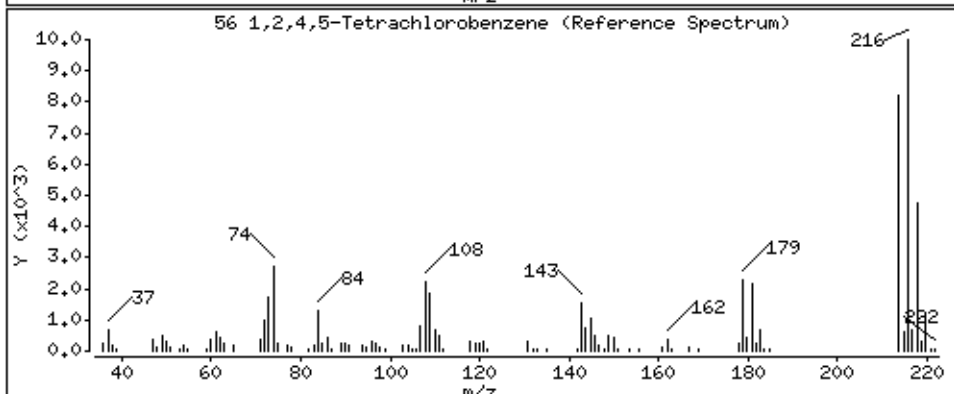
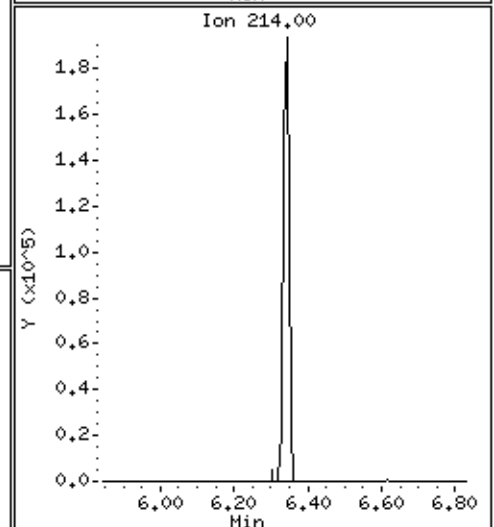
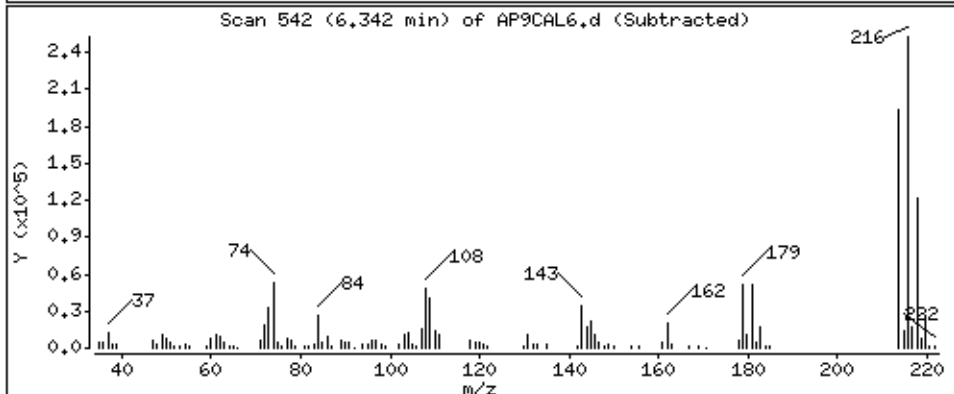
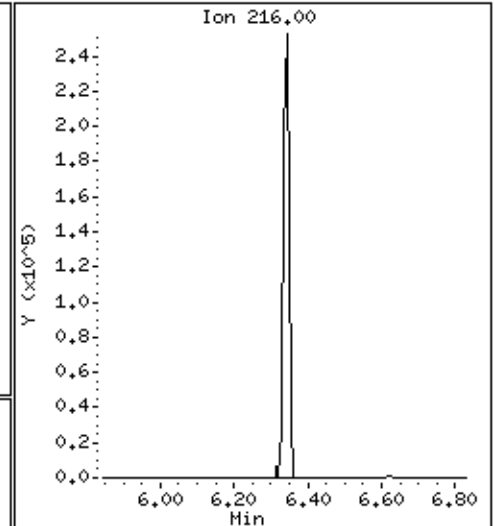
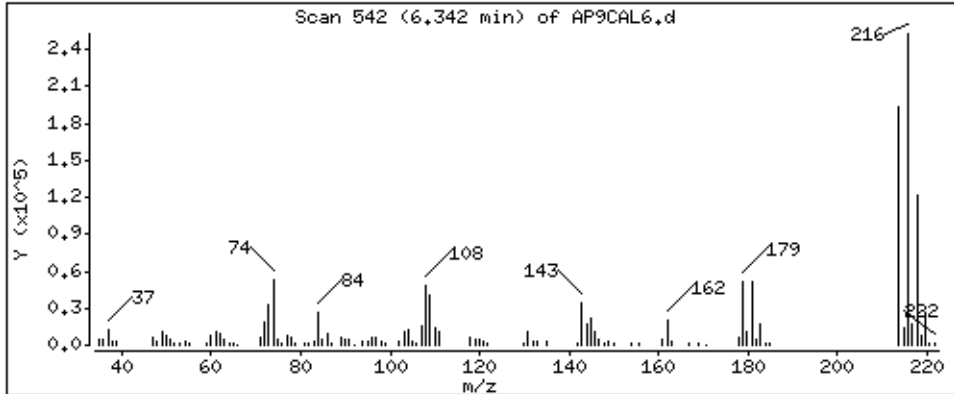
Operator: MJ

Column phase: HPMS-5

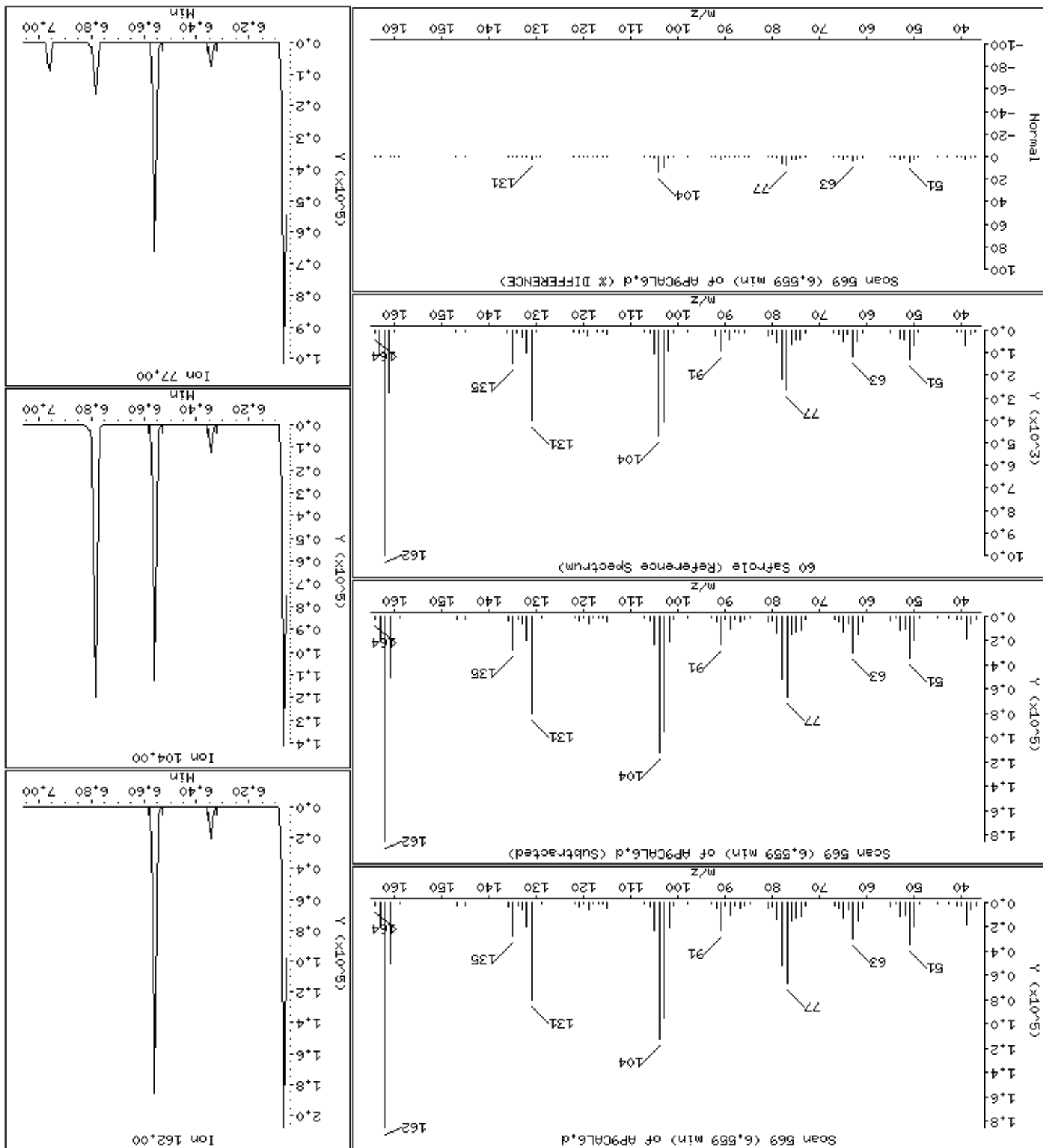
Column diameter: 0,25

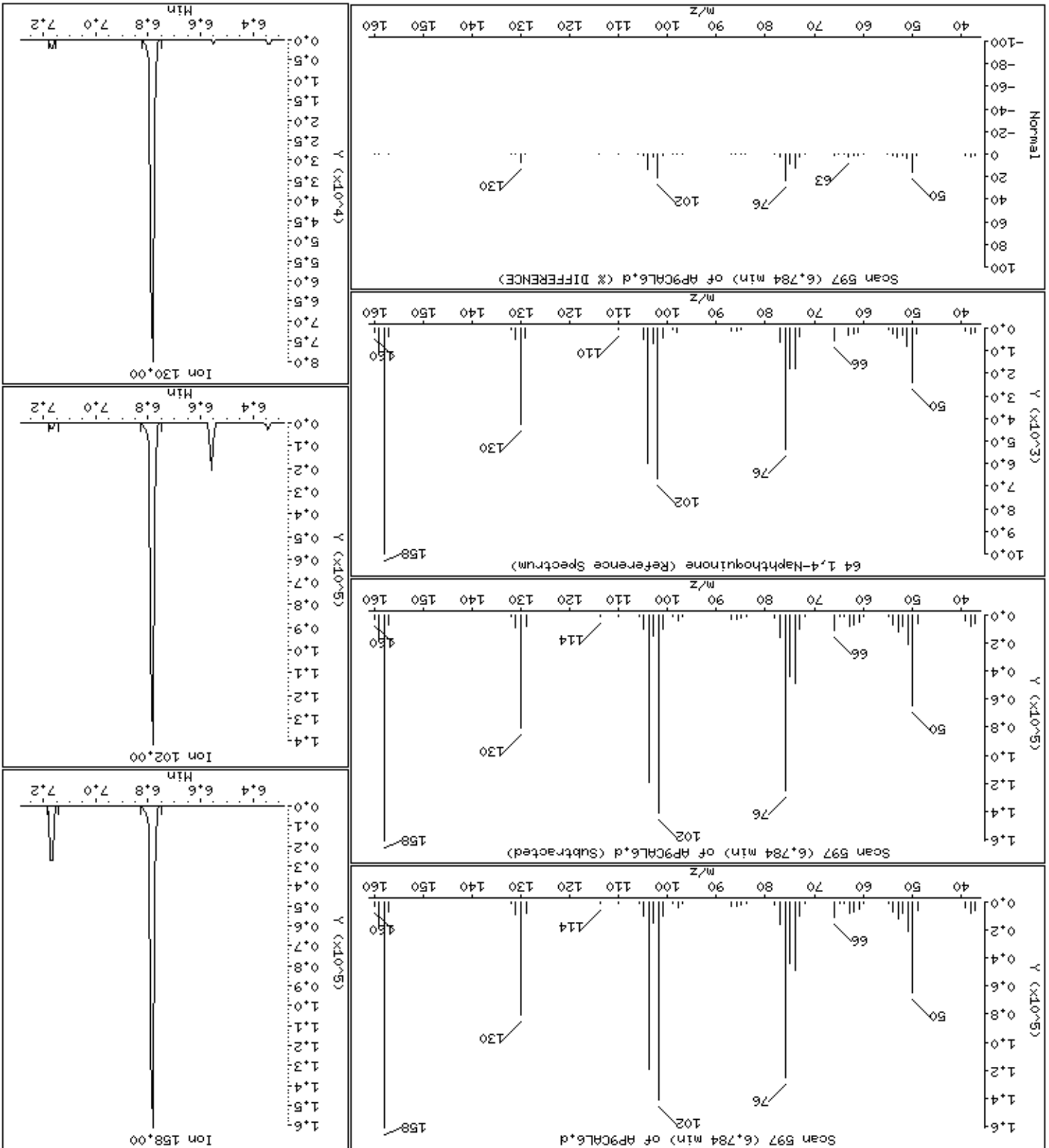
56 1,2,4,5-Tetrachlorobenzene

Concentration: 76,5 ug/kg



60 Safrole





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Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

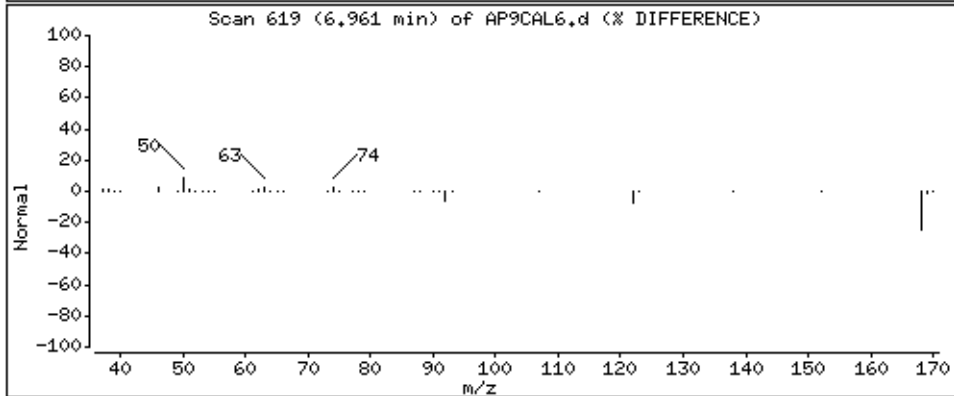
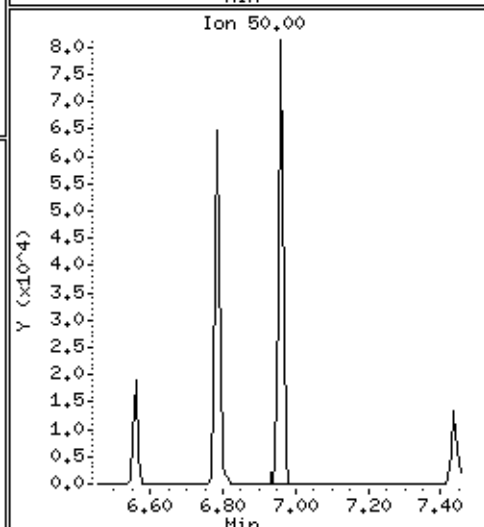
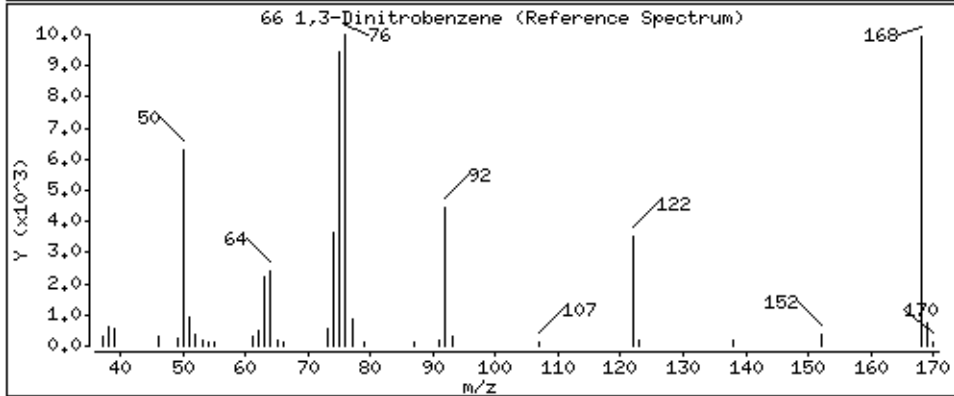
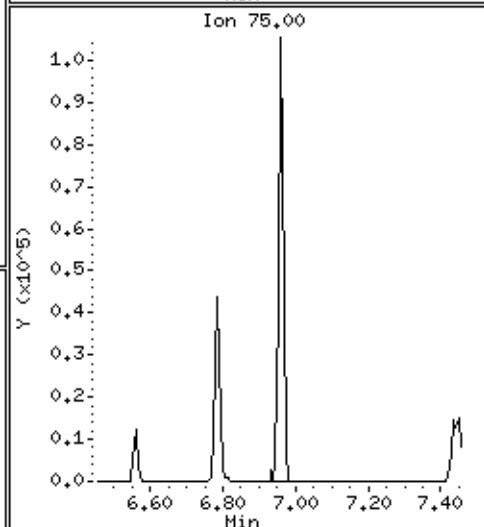
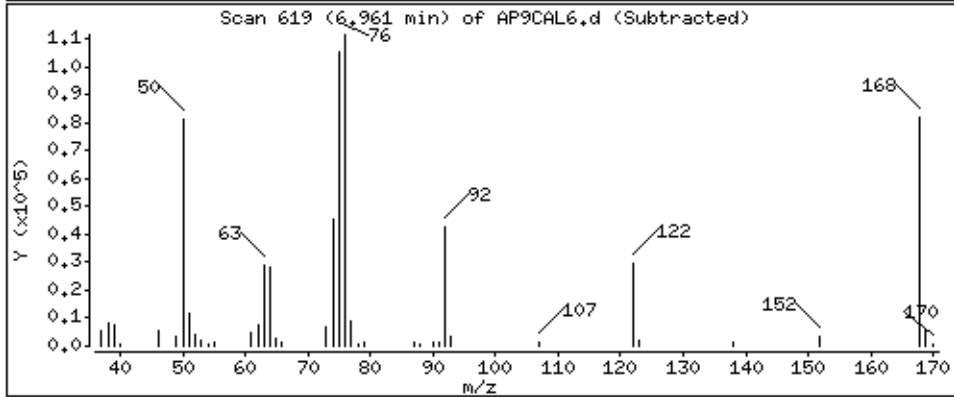
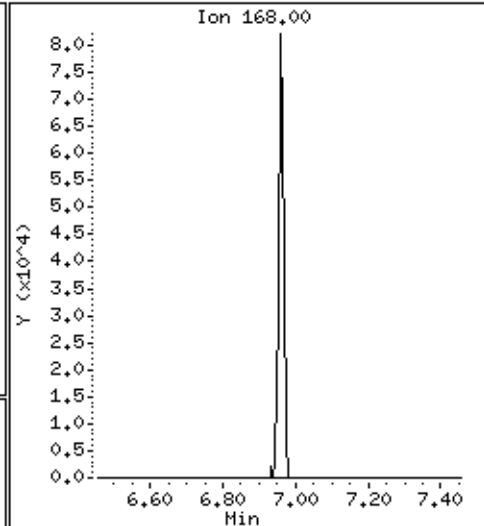
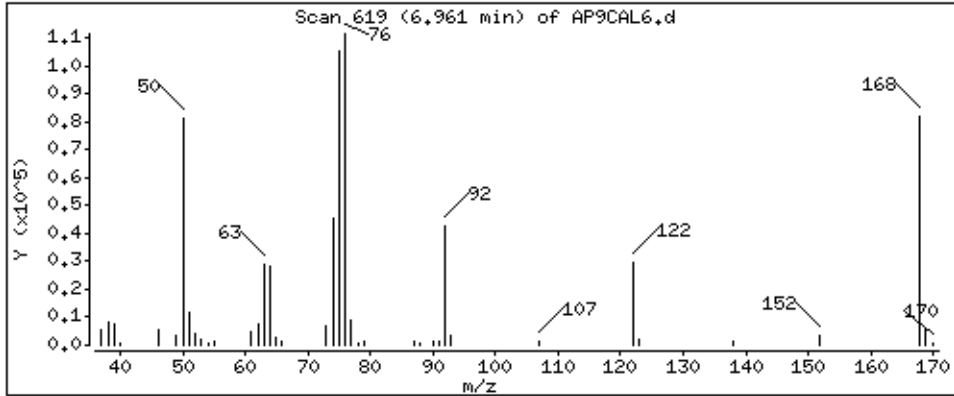
Operator: MJ

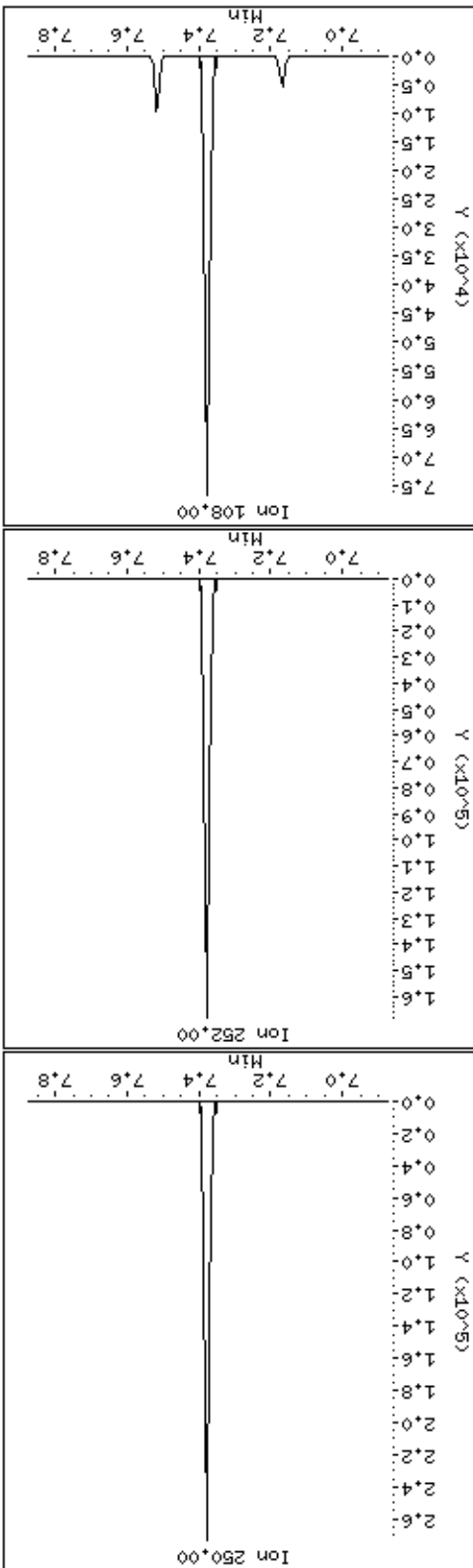
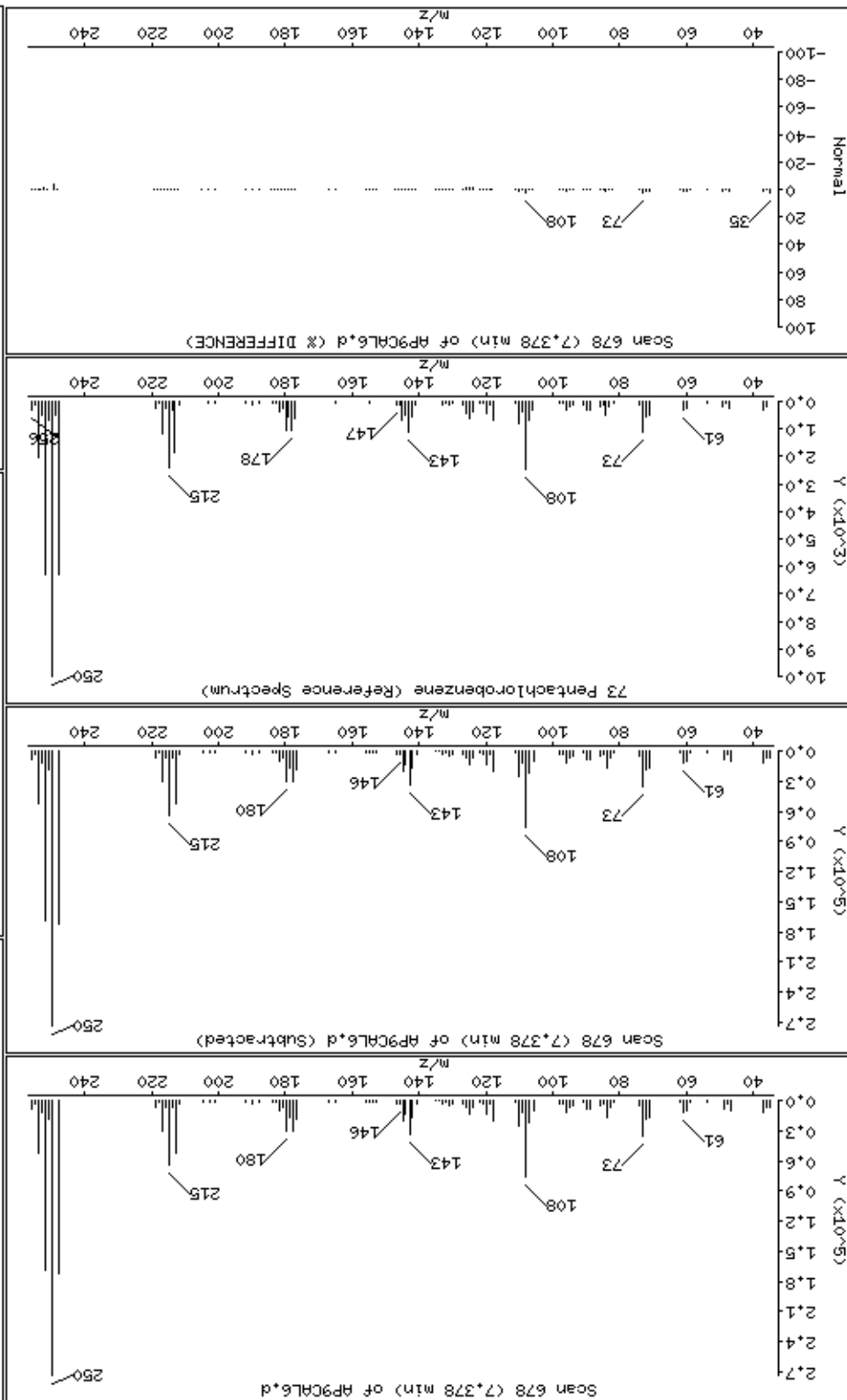
Column phase: HPHS-5

Column diameter: 0,25

66 1,3-Dinitrobenzene

Concentration: 80,6 ug/kg





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Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

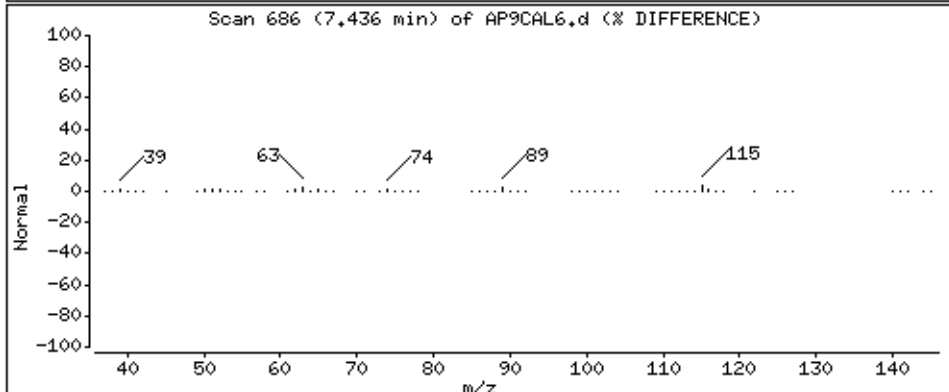
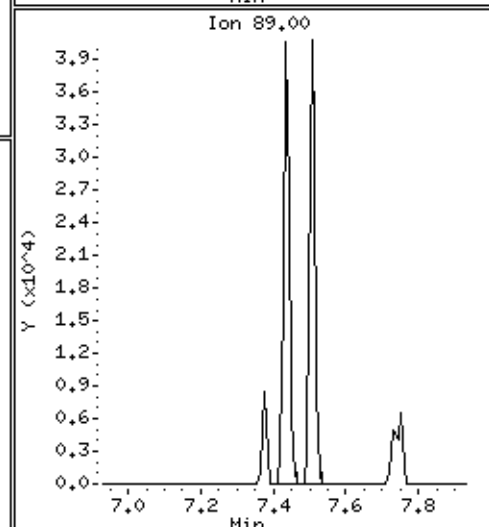
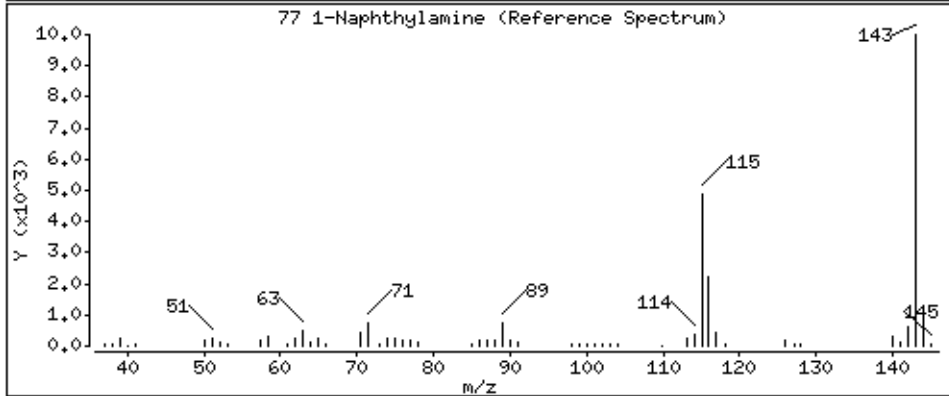
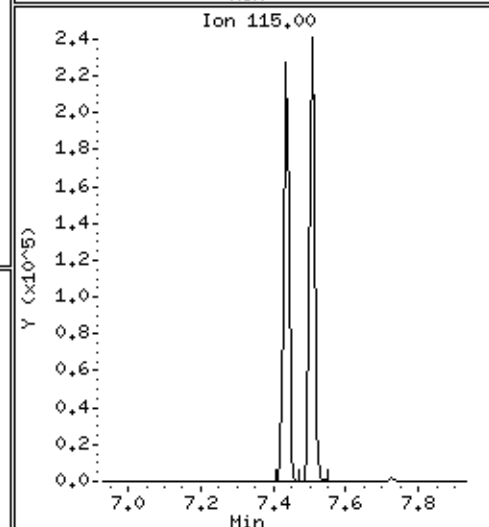
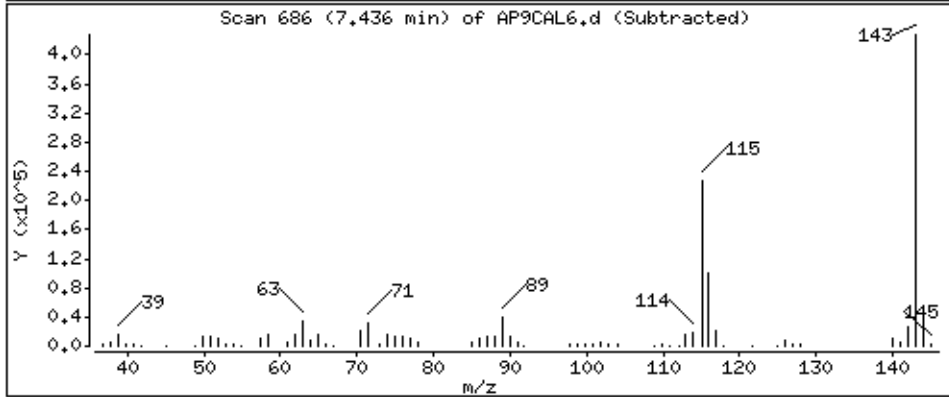
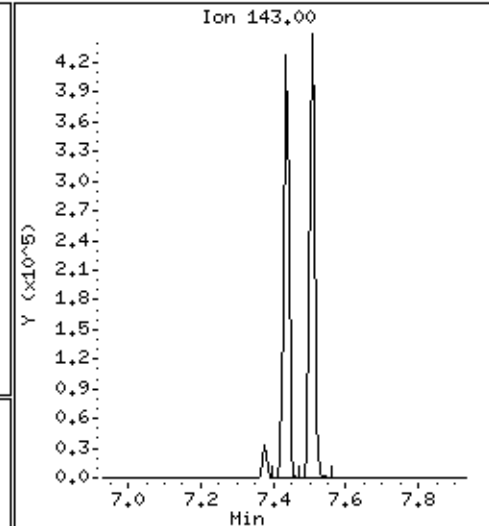
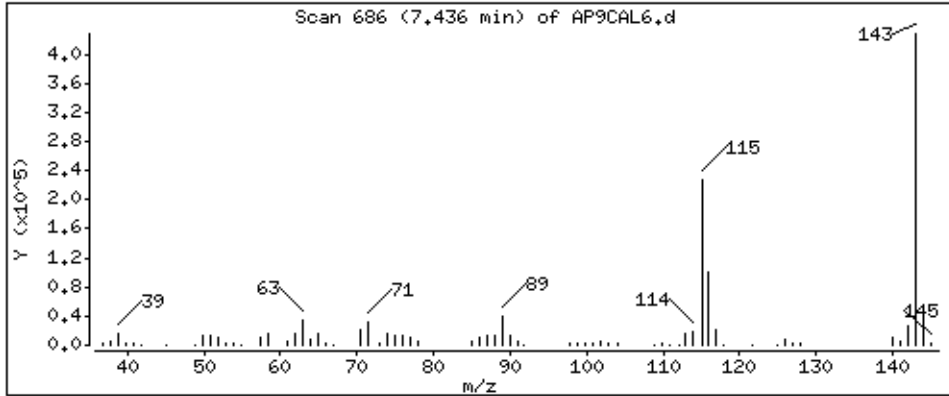
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

77 1-Naphthylamine

Concentration: 75,8 ug/kg





Date: 15-NOV-2012 09:46

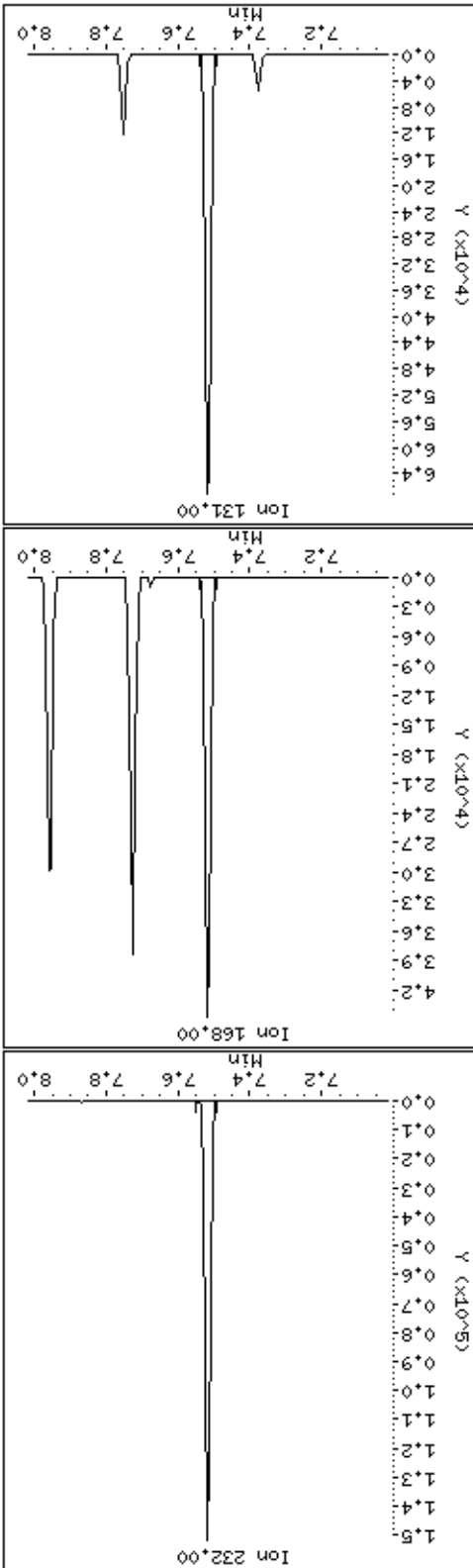
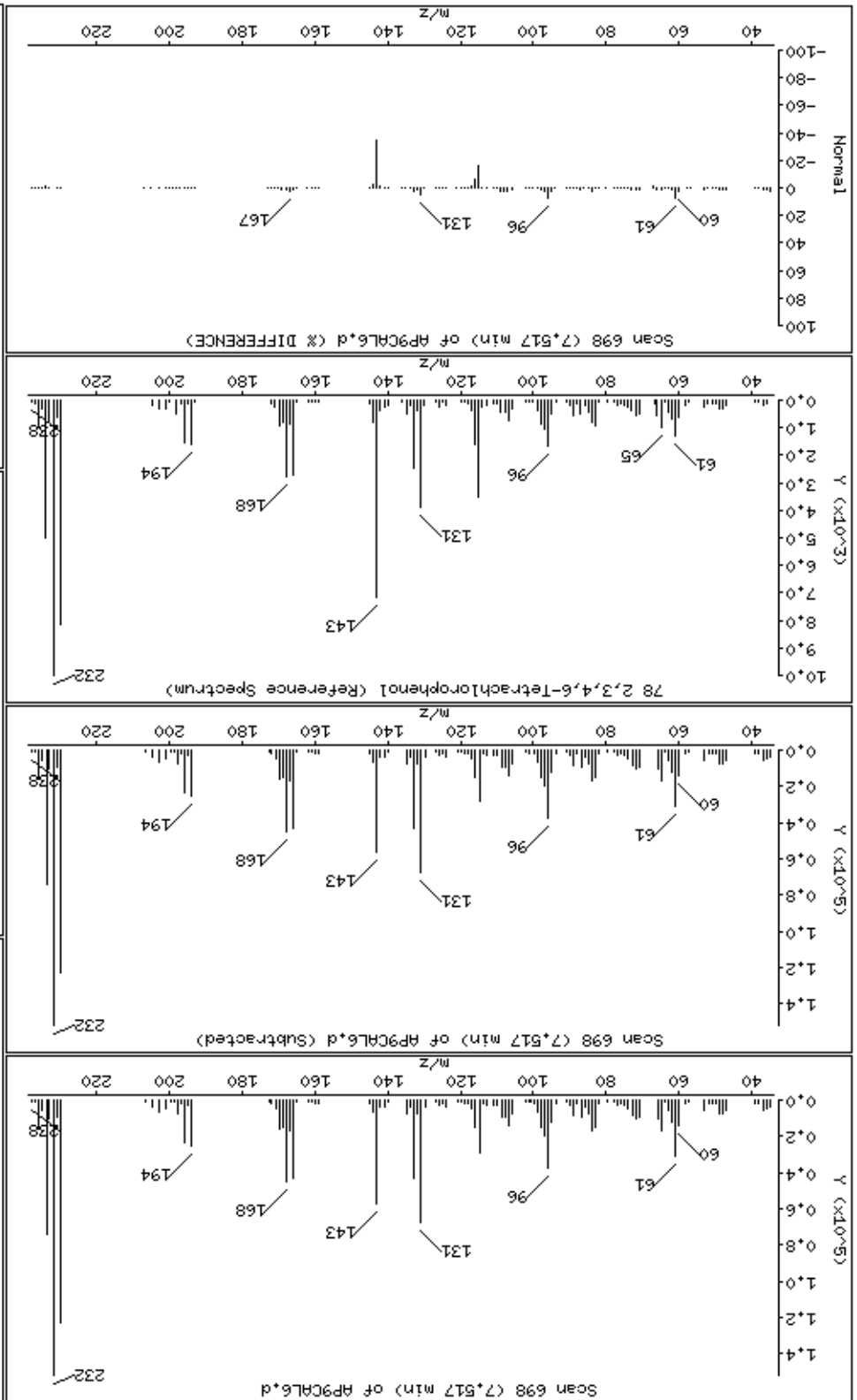
Client ID: AP9CAL6

Sample Info: 47934

Operator: MJ

Column diameter: 0.25

Concentration: 83.8 ug/kg



Date : 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

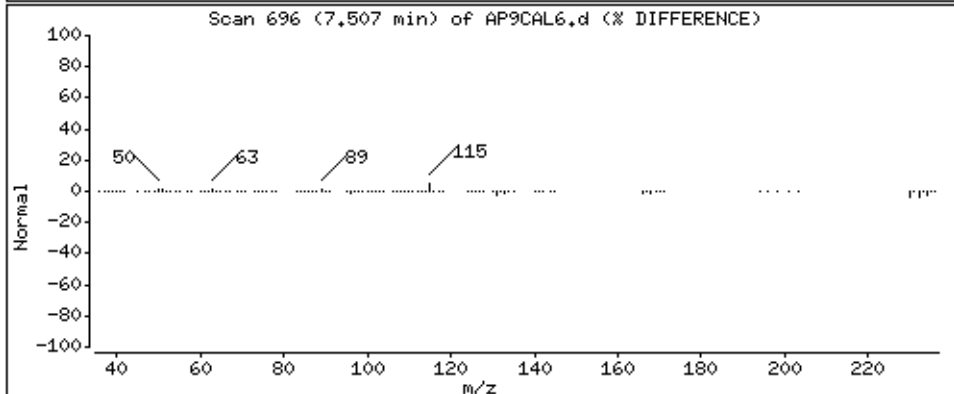
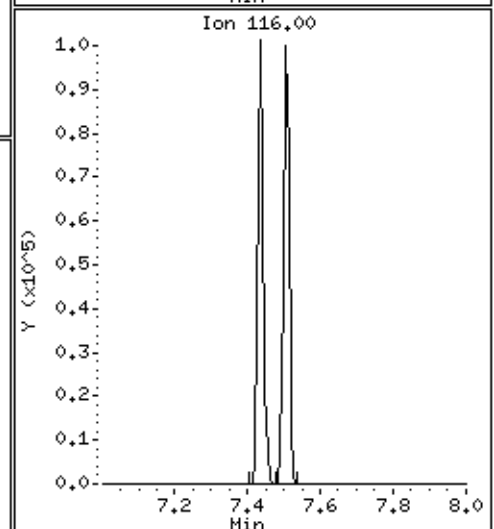
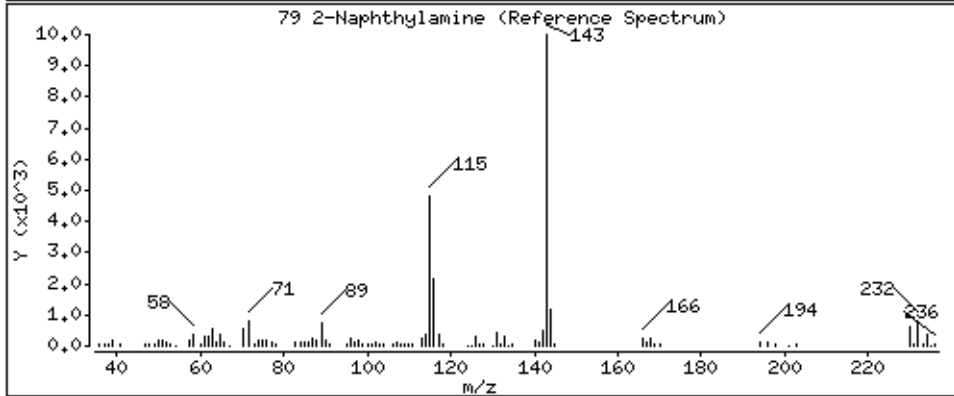
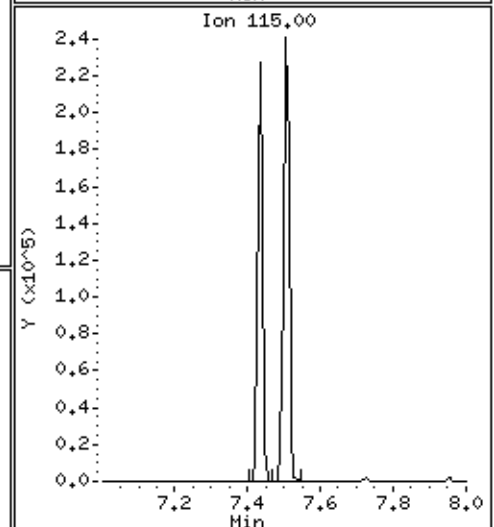
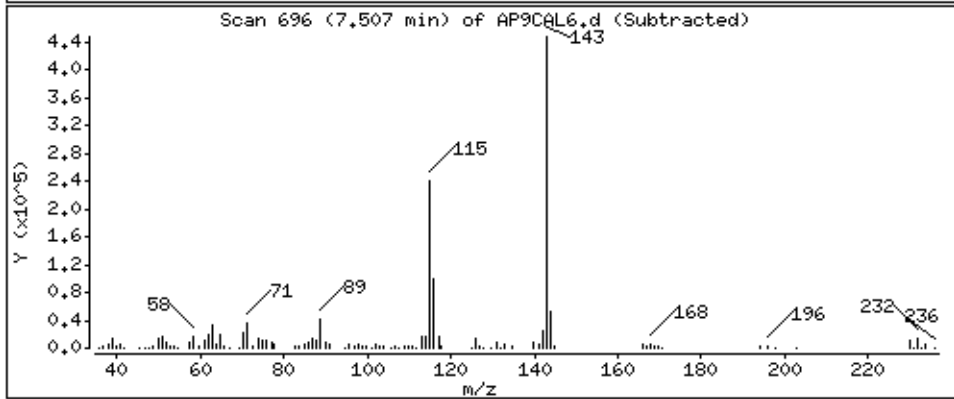
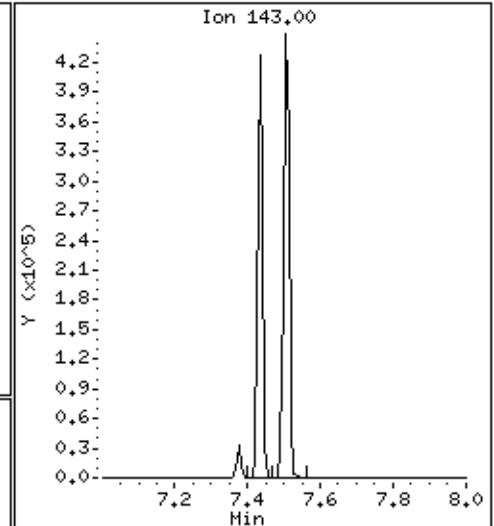
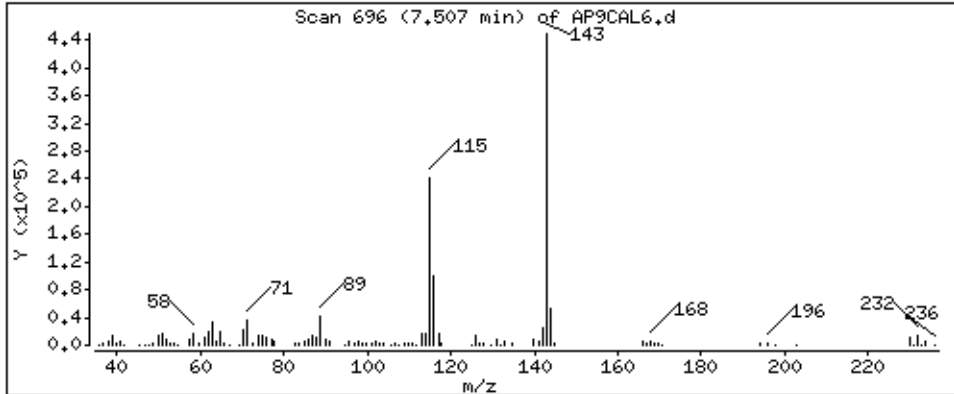
Operator: MJ

Column phase: HPMS-5

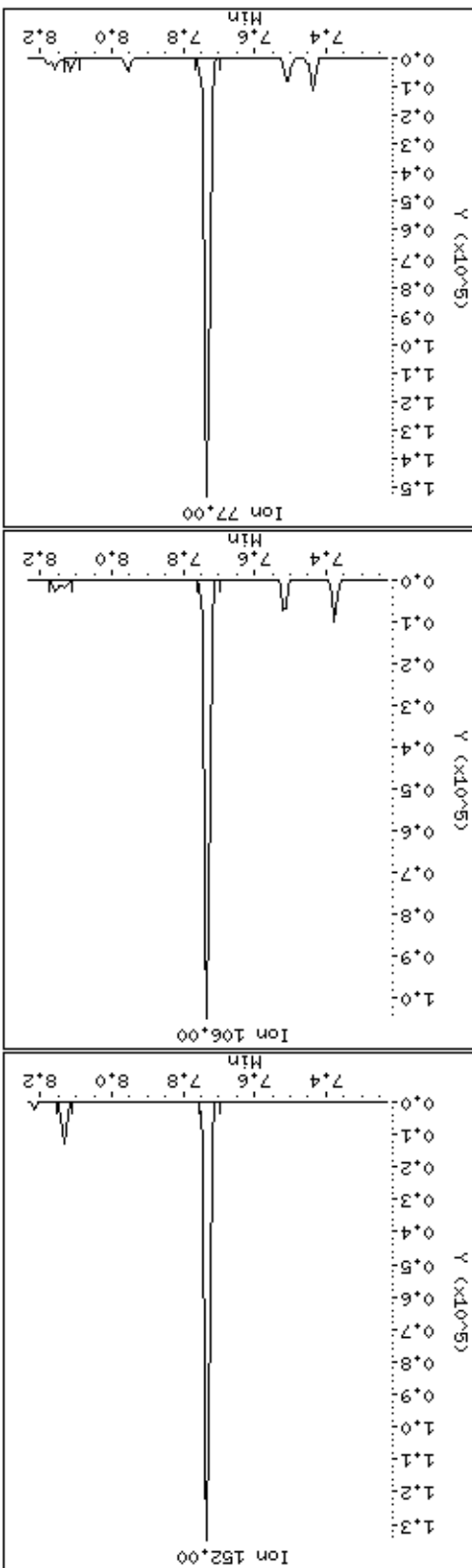
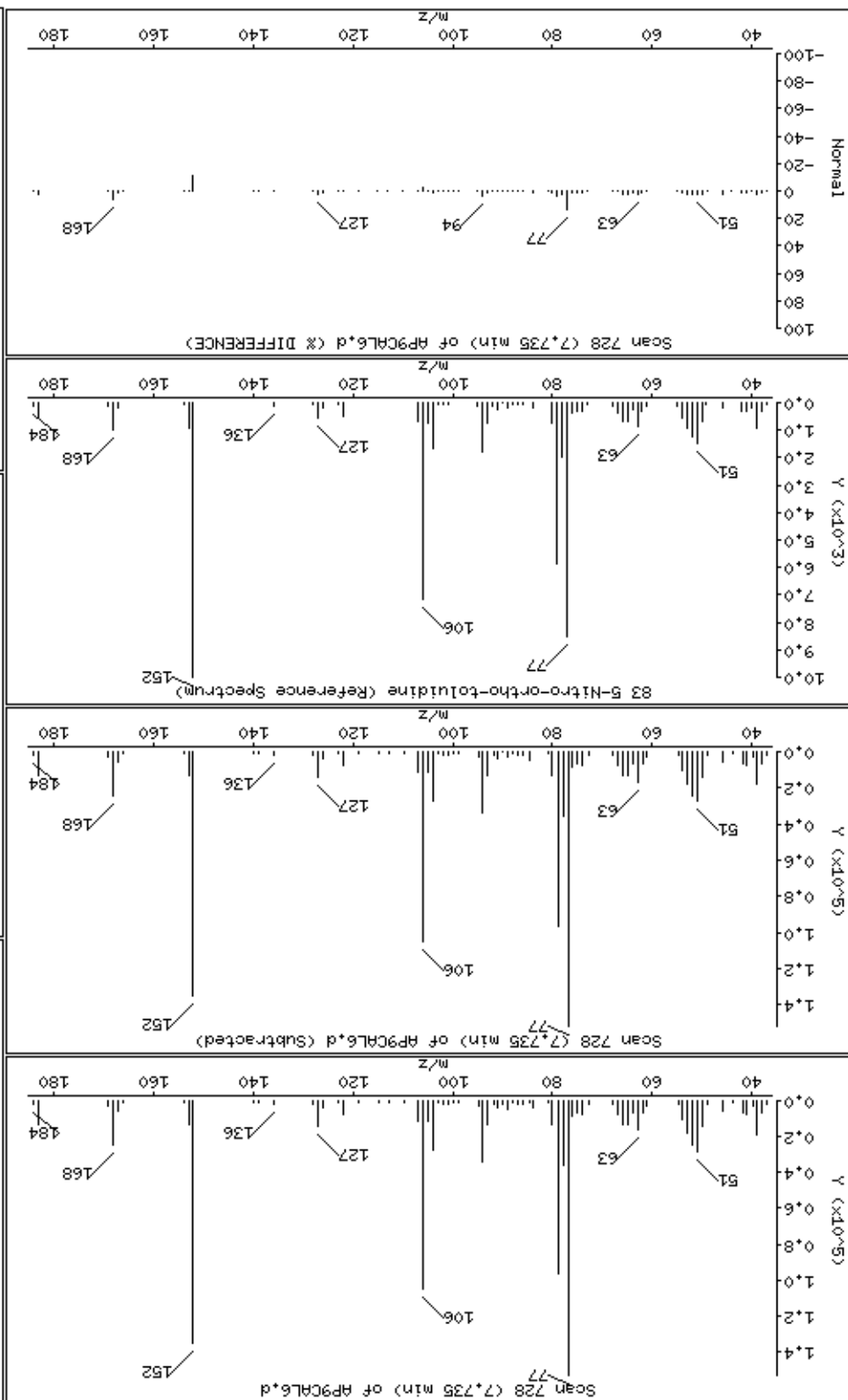
Column diameter: 0,25

79 2-Naphthylamine

Concentration: 77,3 ug/kg



83 5-Nitro-ortho-toluidine



Date : 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

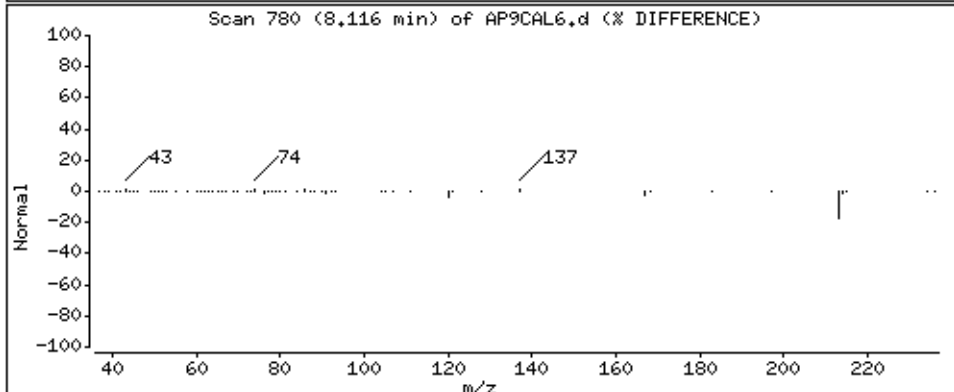
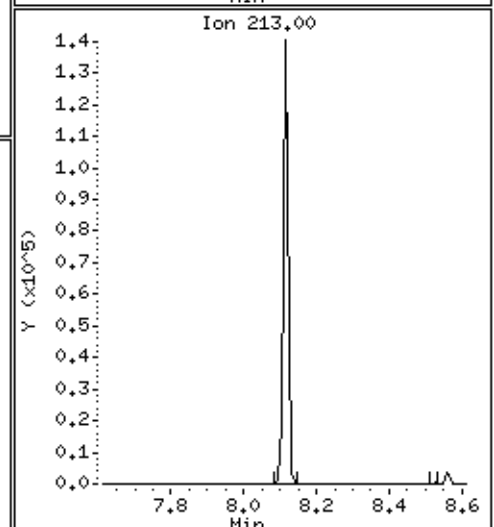
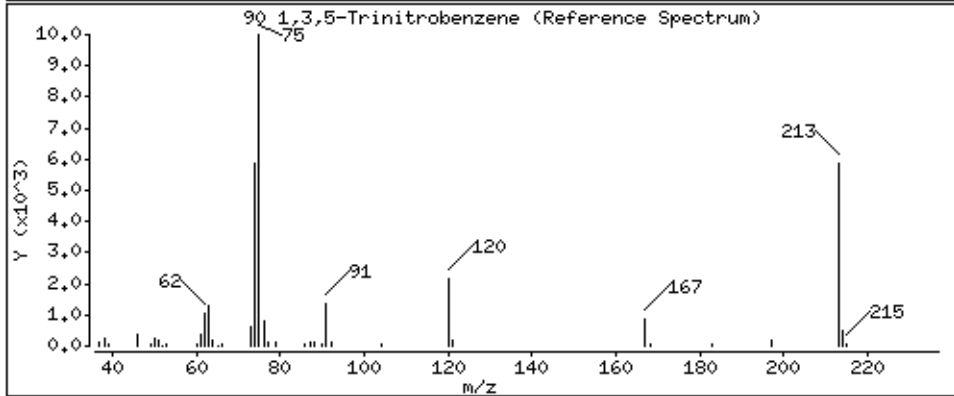
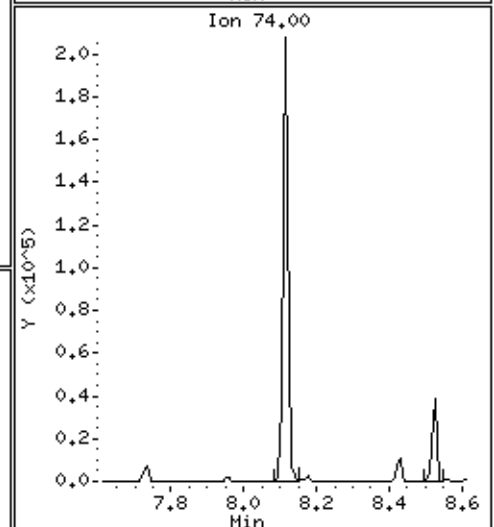
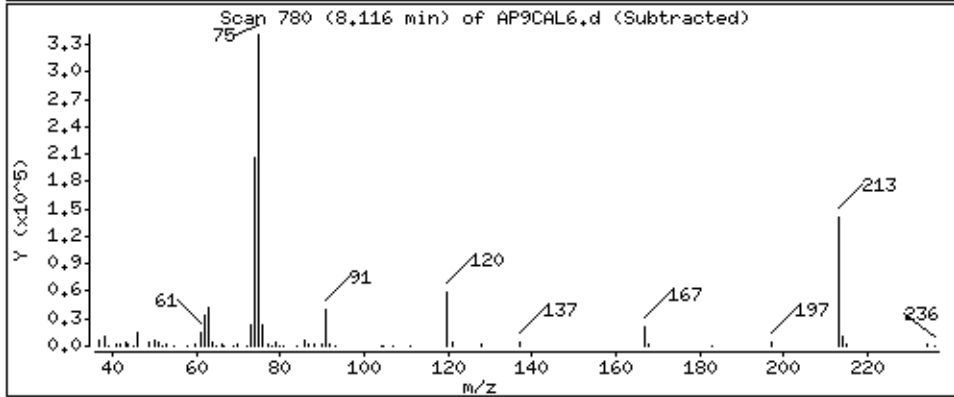
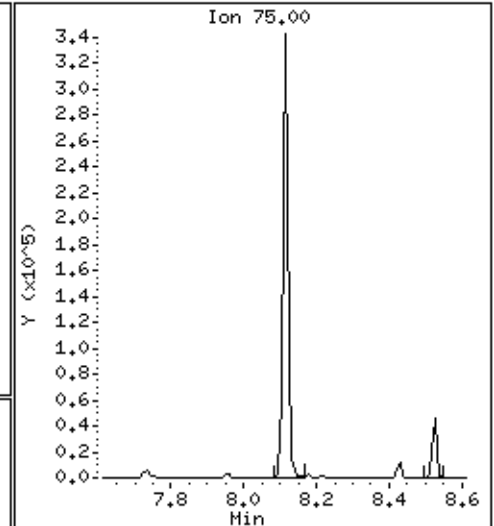
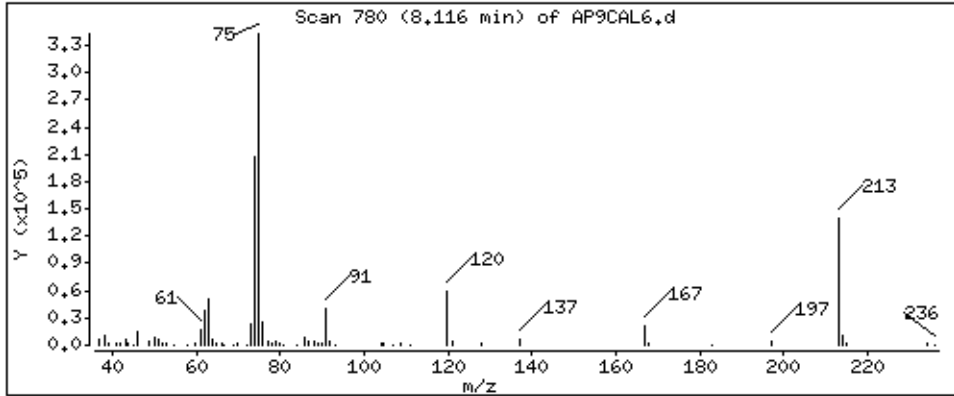
Operator: MJ

Column phase: HPMS-5

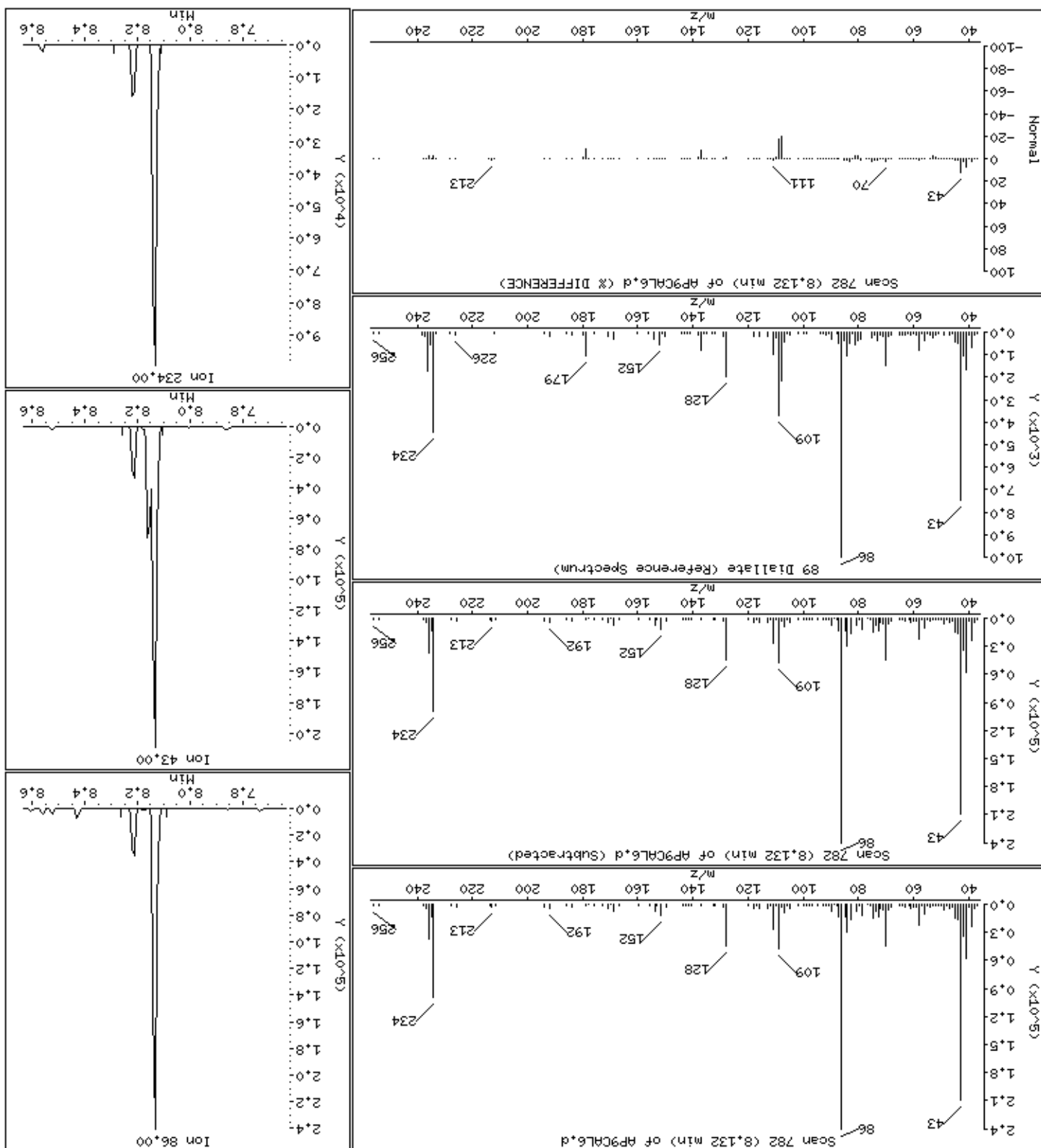
Column diameter: 0,25

90 1,3,5-Trinitrobenzene

Concentration: 76,8 ug/kg



89 Diallate



Date: 15-NOV-2012 09:46

Client ID: AP9CAL6

Sample Info: 47934

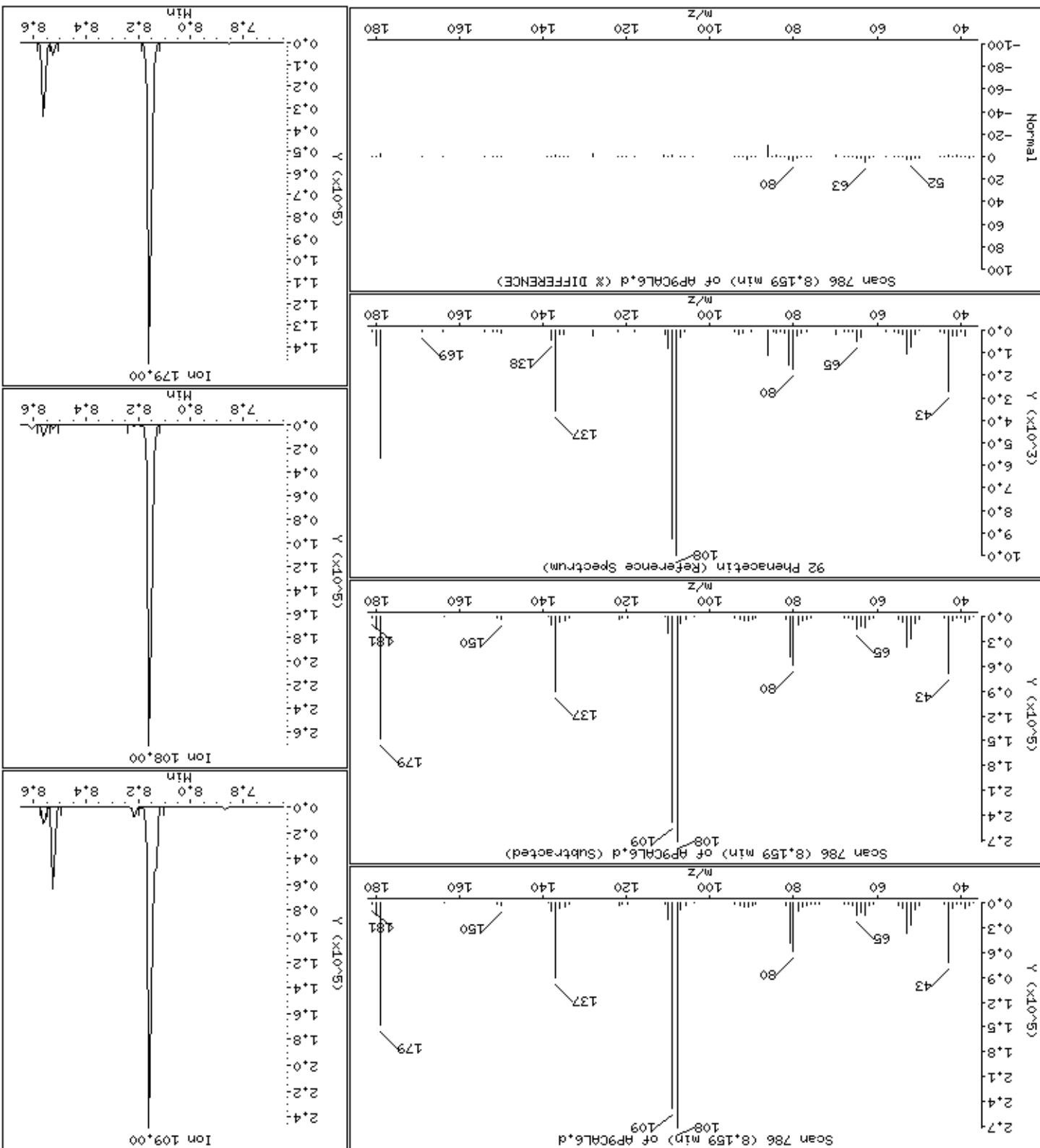
Operator: MJ

Column diameter: 0.25

Concentration: 81.3 ug/kg

Instrument: smsd04.1

92 Phenacetin



Date: 15-NOV-2012 09:46

Client ID: AP9CAL6

Sample Info: 47934

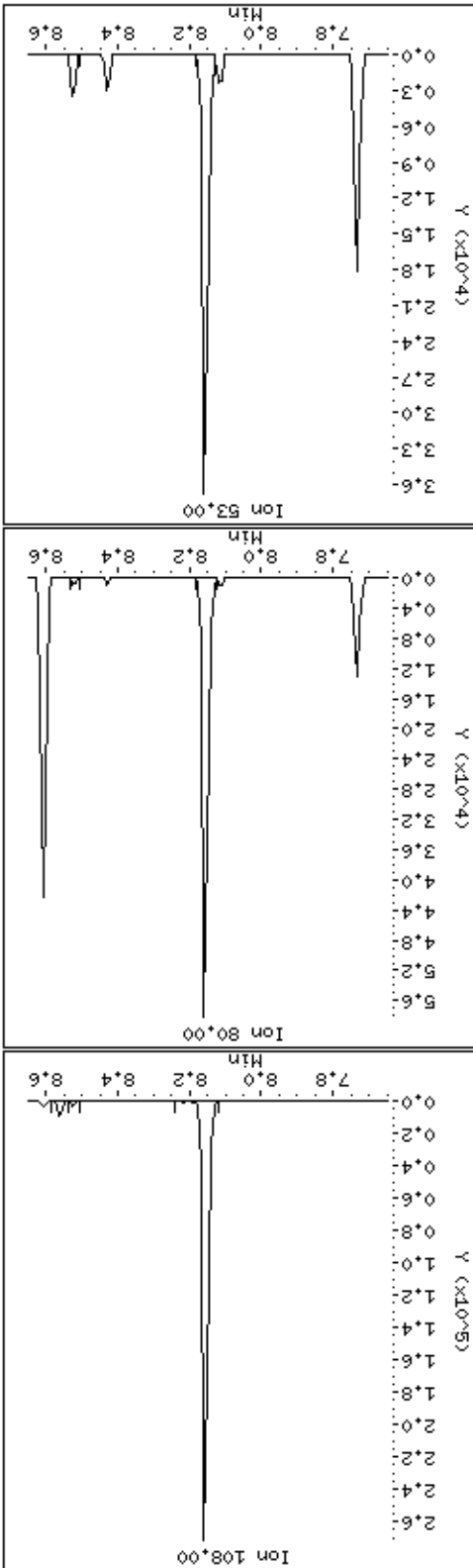
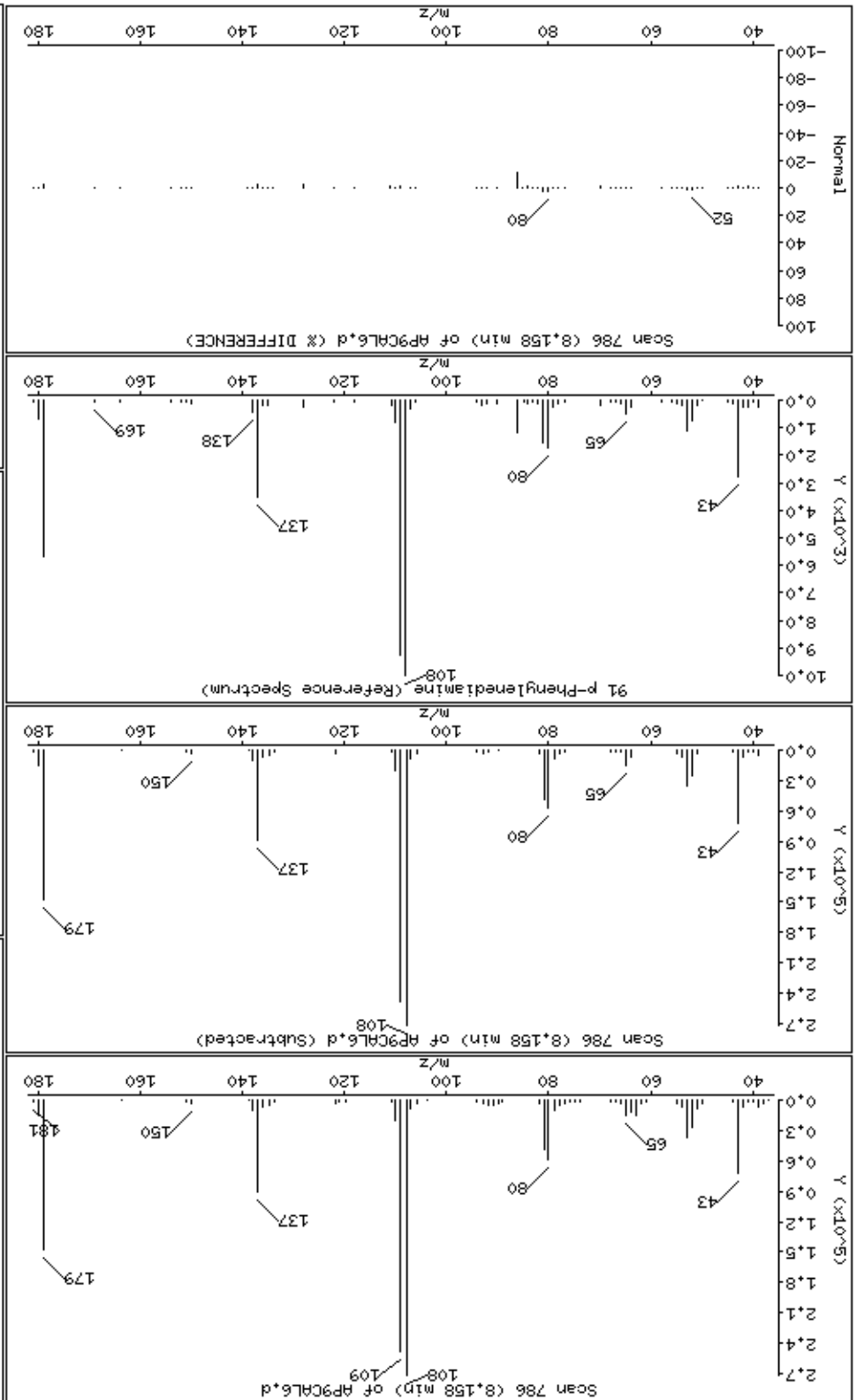
Operator: MJ

Column diameter: 0.25

Concentration: 81.0 ug/kg

Instrument: smsd04.1

91-p-Phenylenediamine



Date: 15-NOV-2012 09:46

Client ID: AP9CAL6

Sample Info: 47934

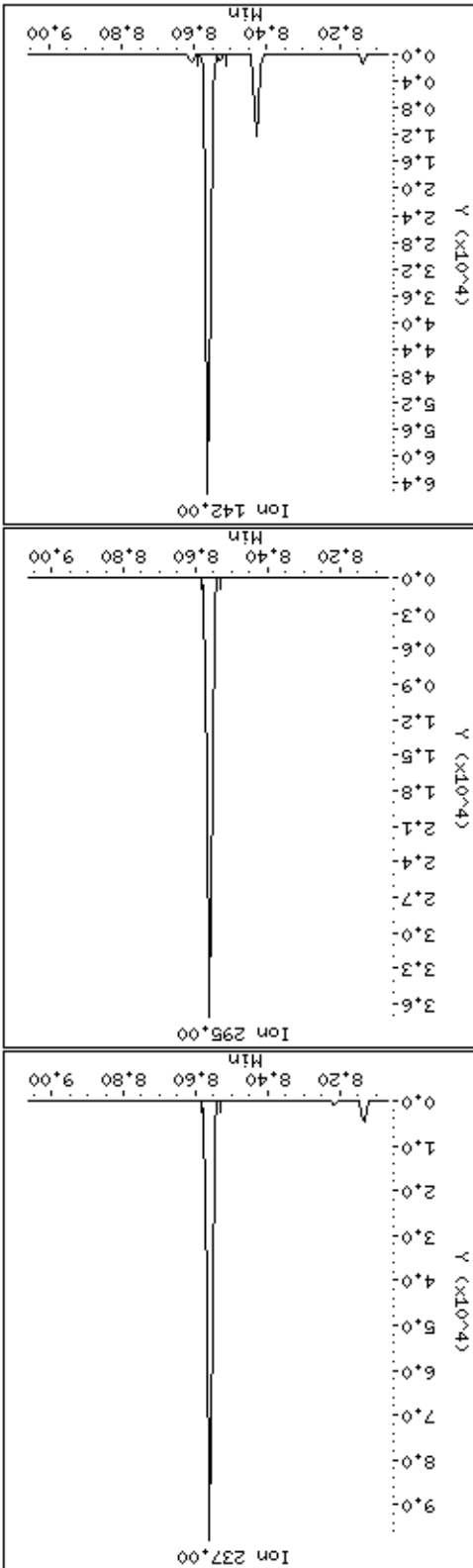
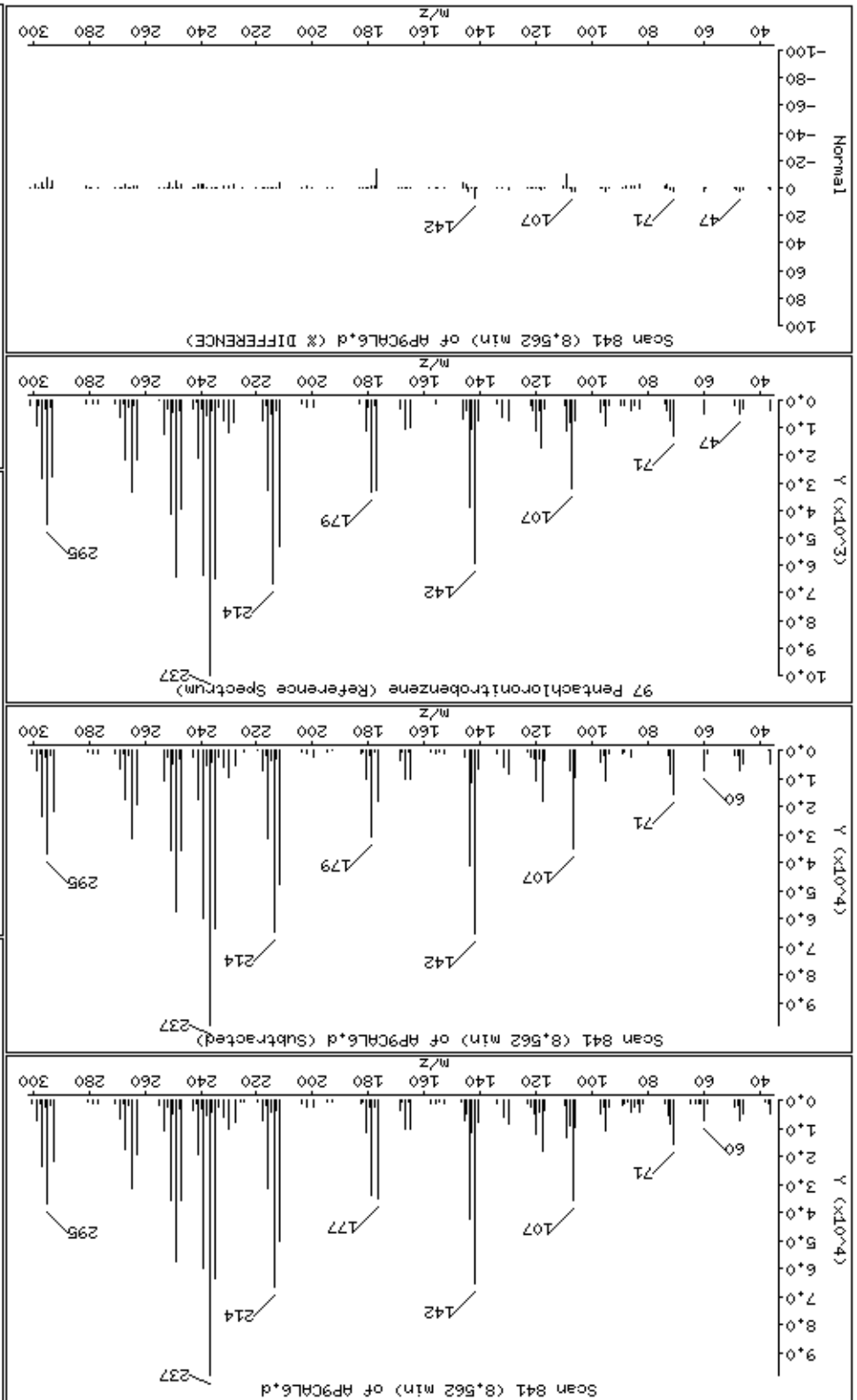
Operator: MJ

Column diameter: 0.25

Concentration: 78.0 ug/kg

Instrument: smsd04.1

97 Pentachloronitrobenzene





Date : 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

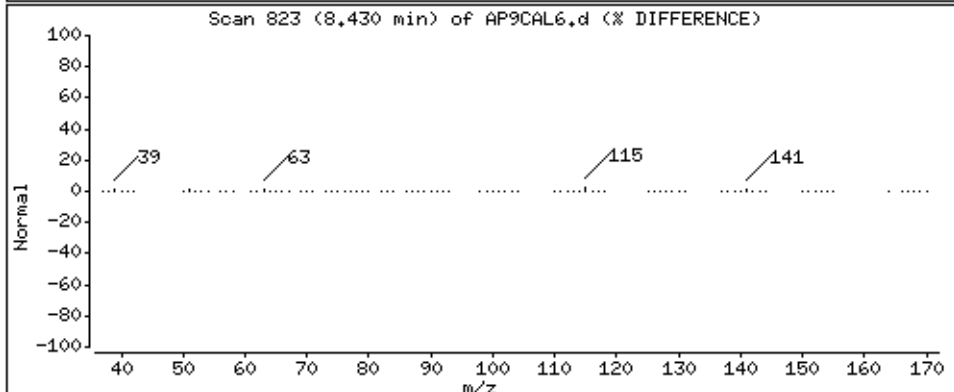
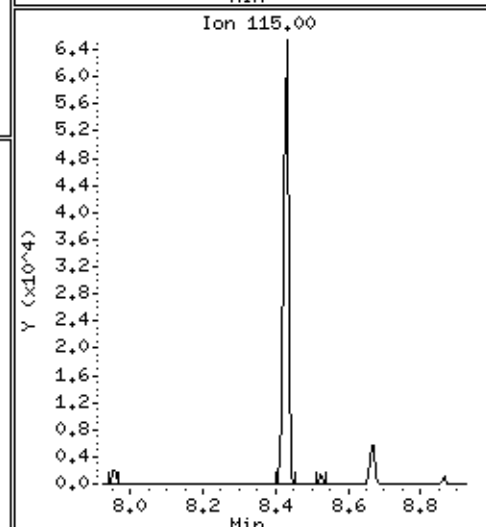
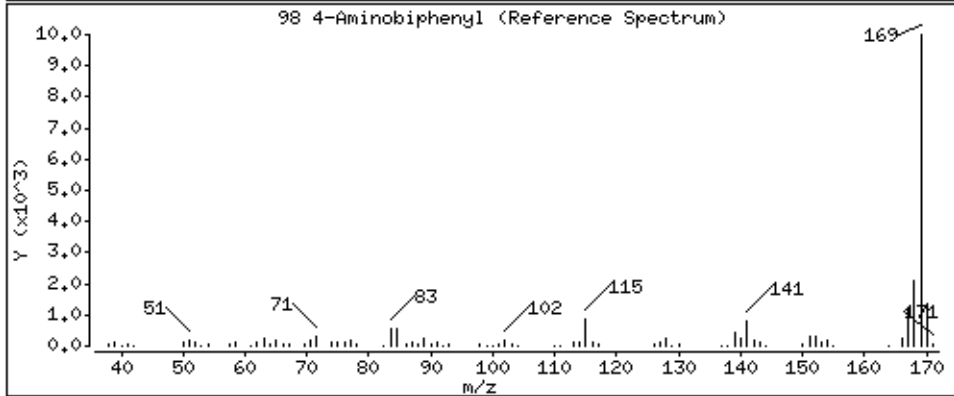
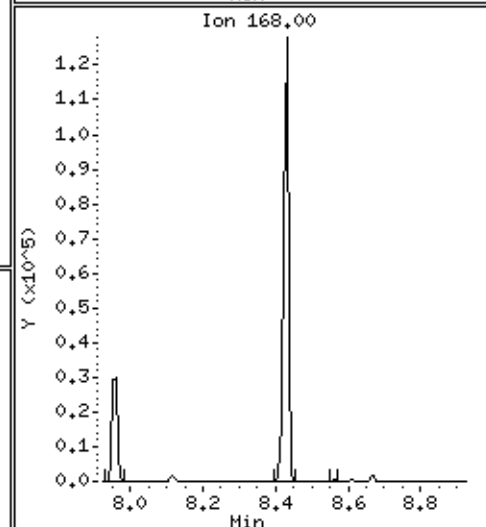
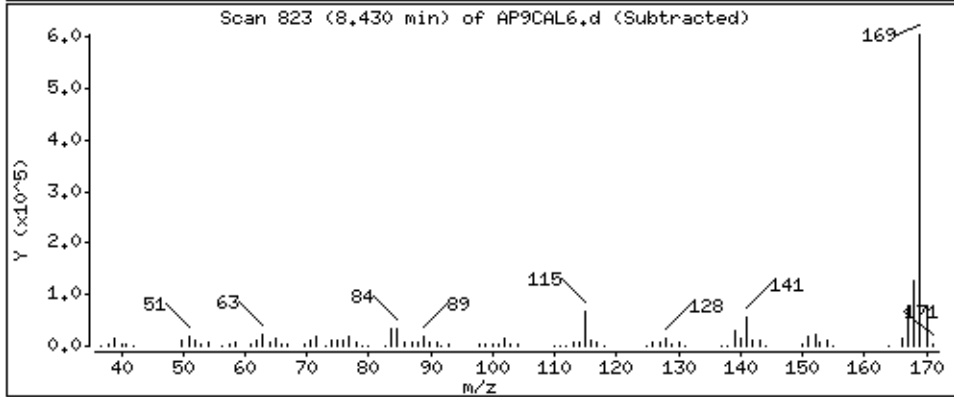
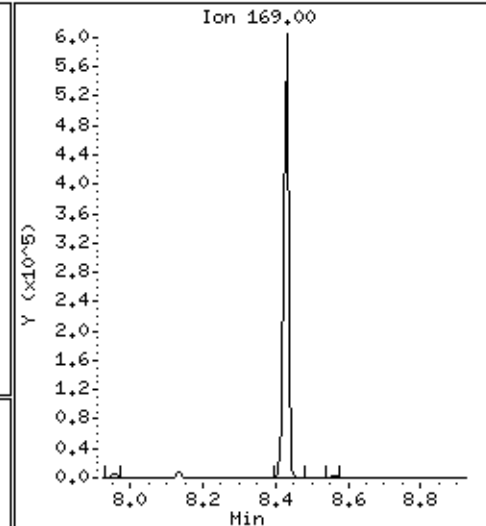
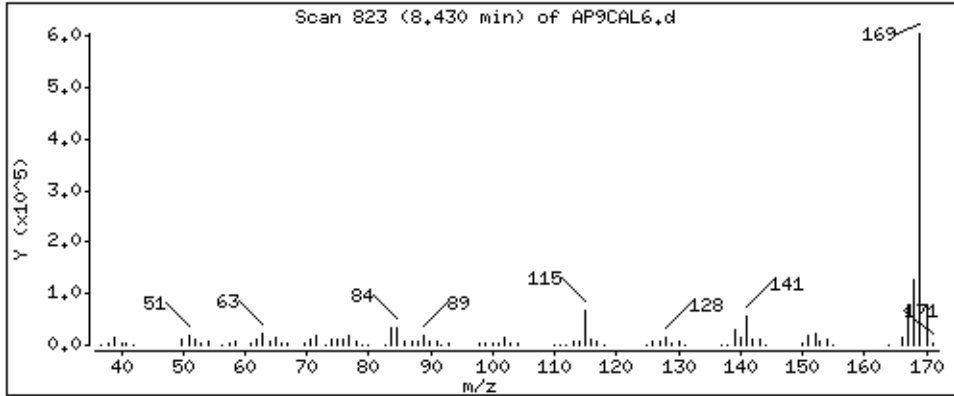
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

98 4-Aminobiphenyl

Concentration: 77.4 ug/kg



Date : 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

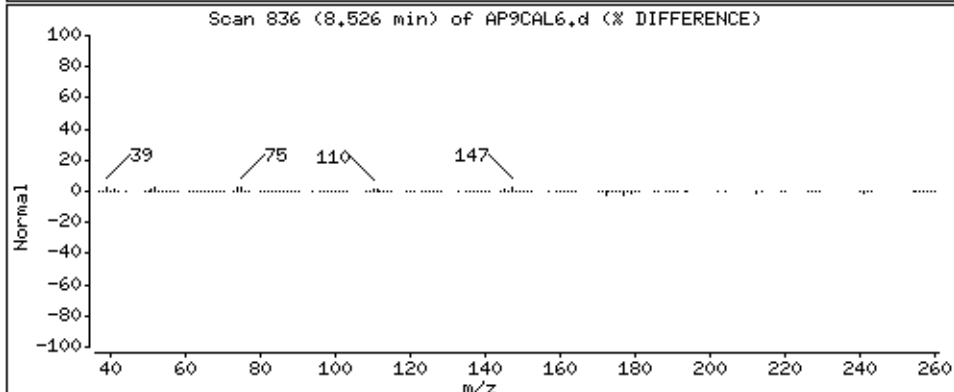
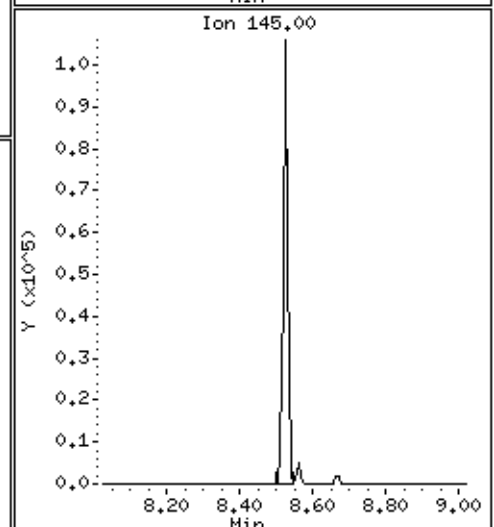
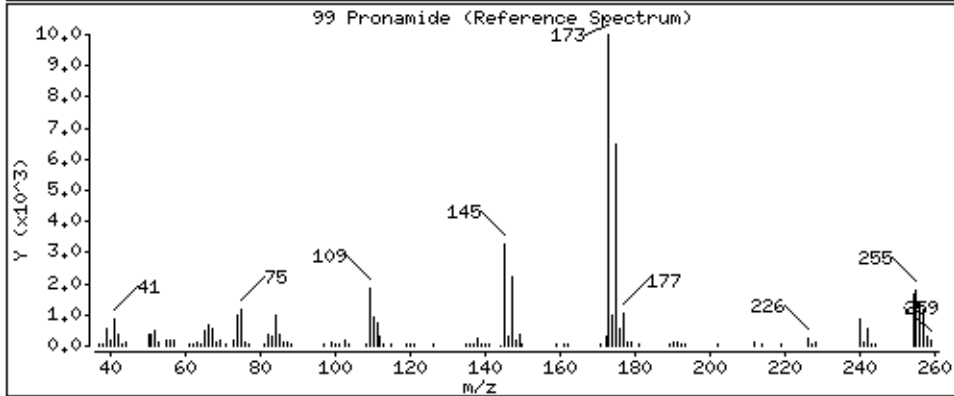
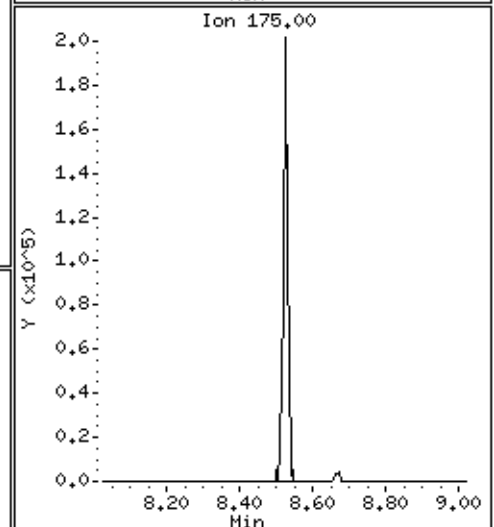
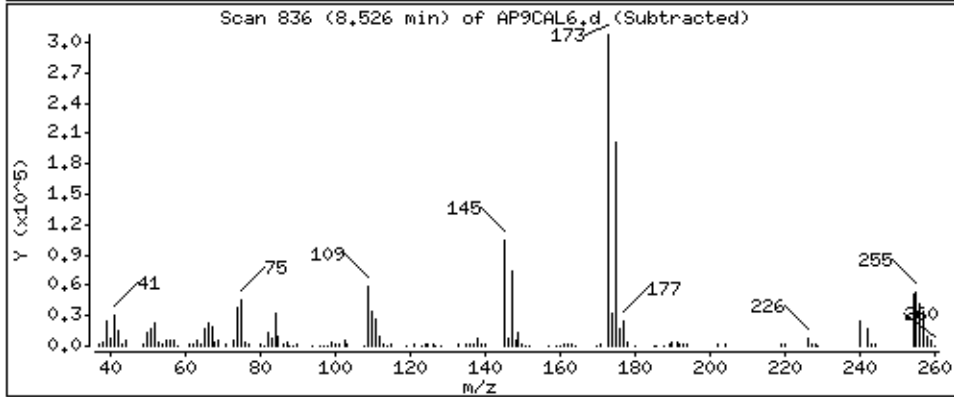
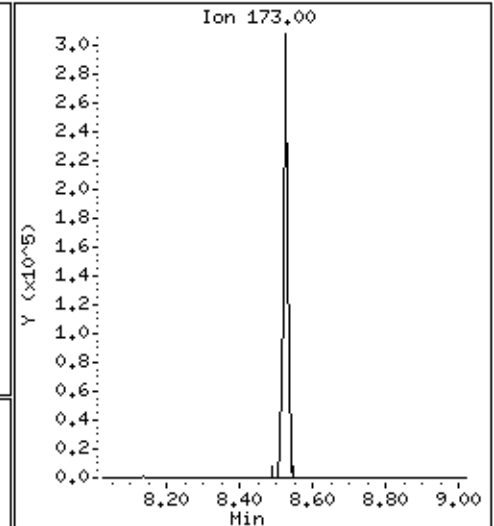
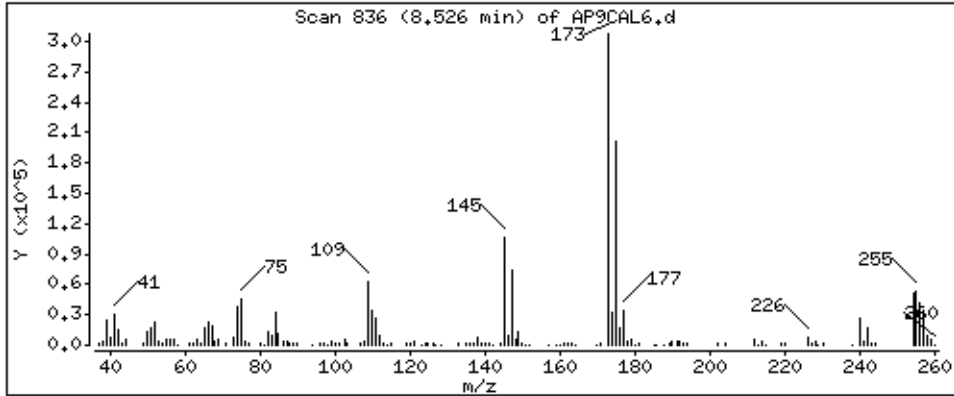
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

99 Pronamide

Concentration: 80,8 ug/kg



Date: 15-NOV-2012 09:46

Client ID: AP9CAL6

Sample Info: 47934

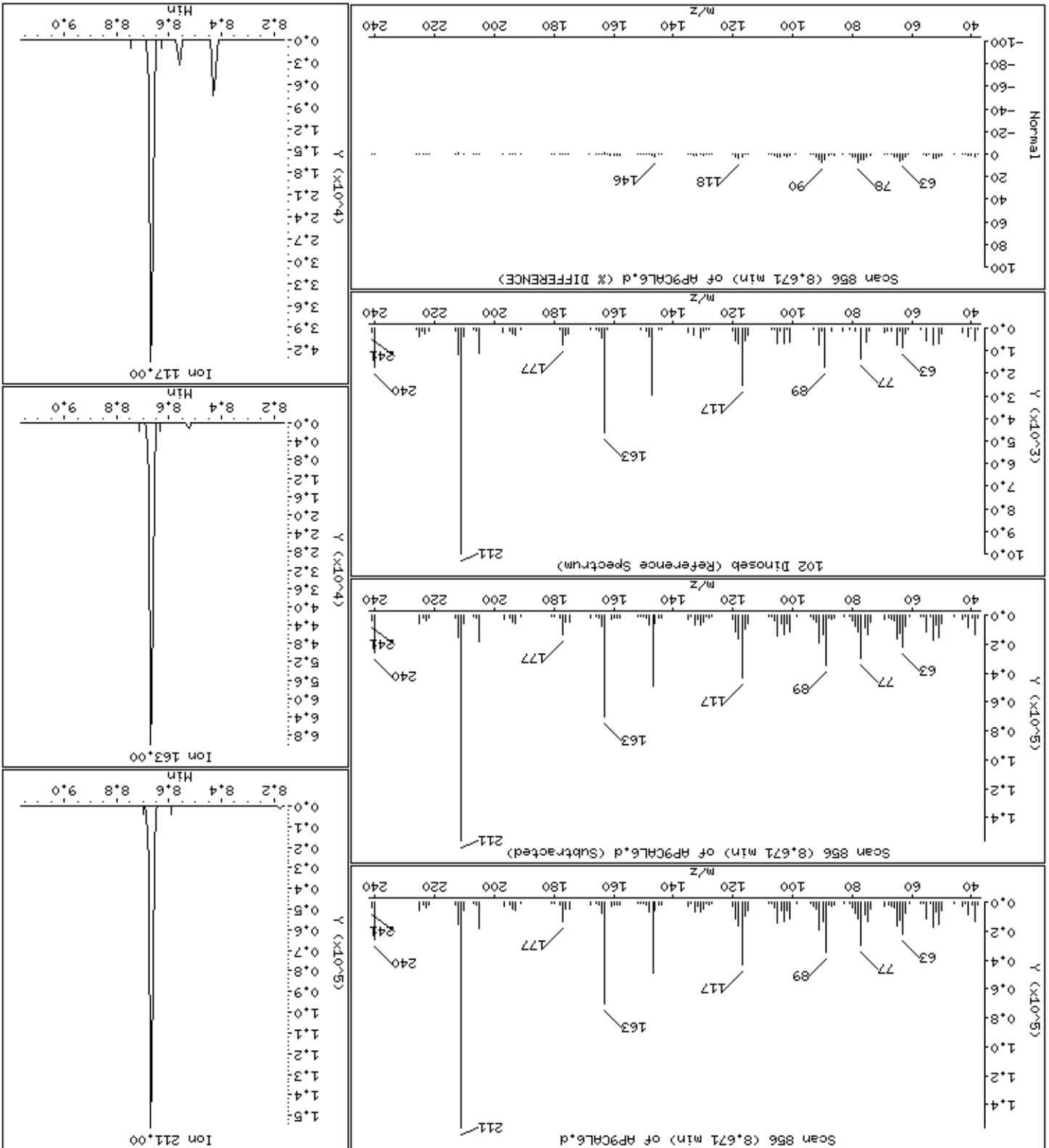
Operator: MJ

Column diameter: 0.25

Concentration: 75.7 ug/kg

Instrument: smsd04.1

102 Dinoseb



Date : 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

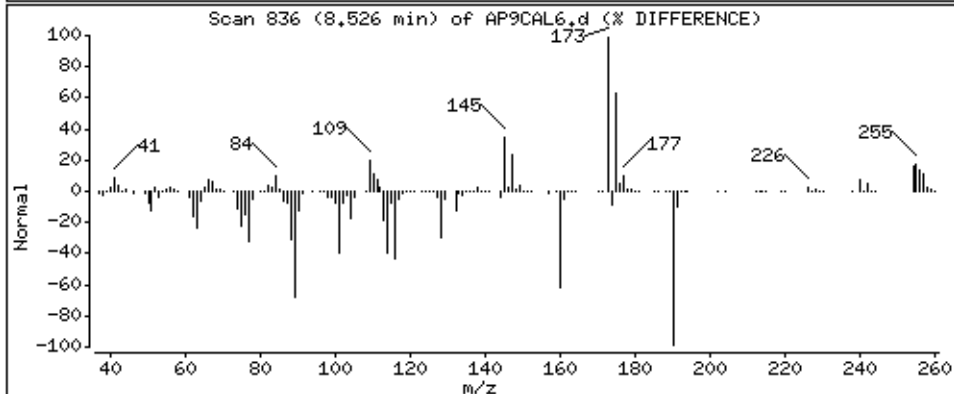
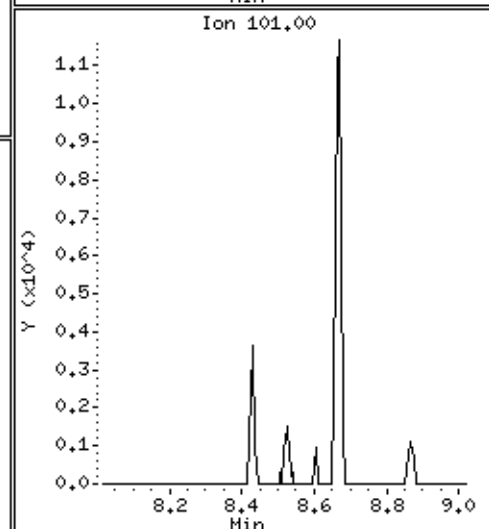
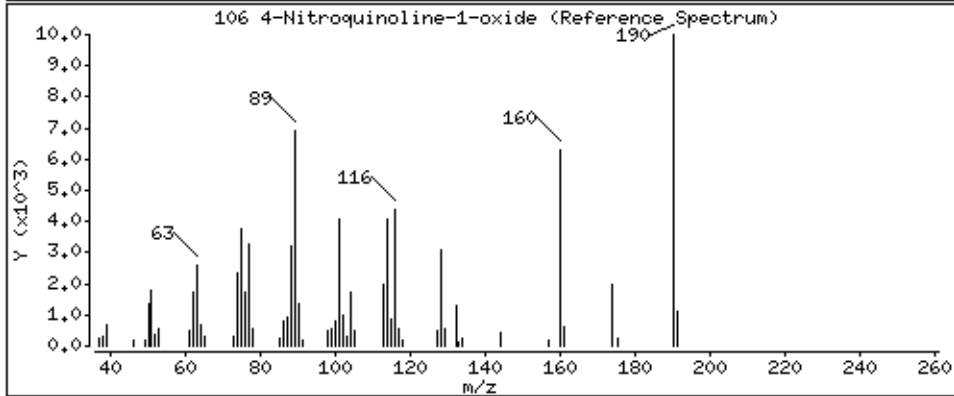
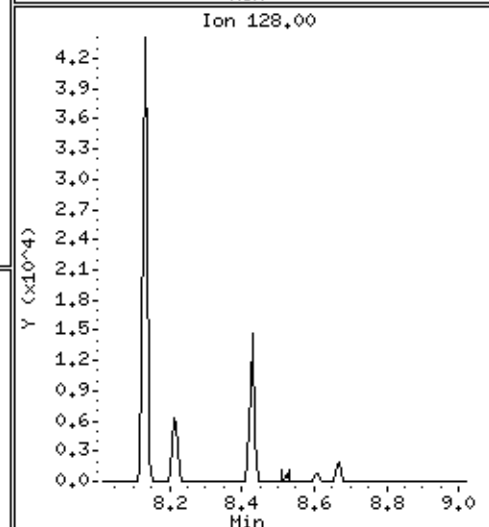
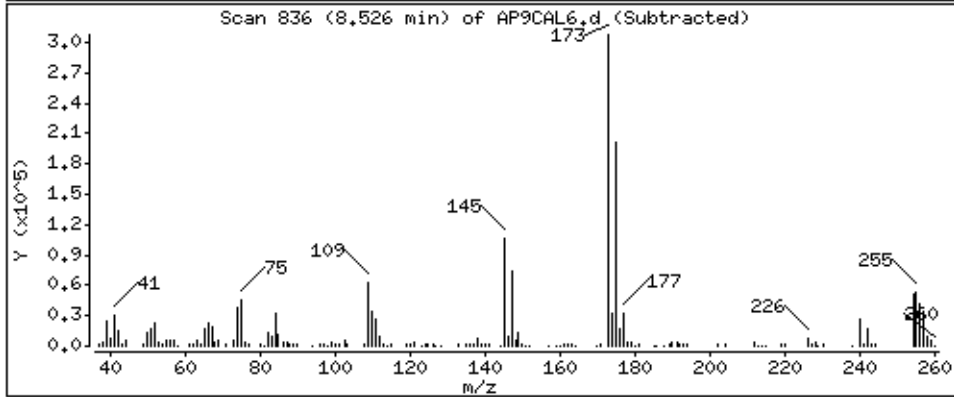
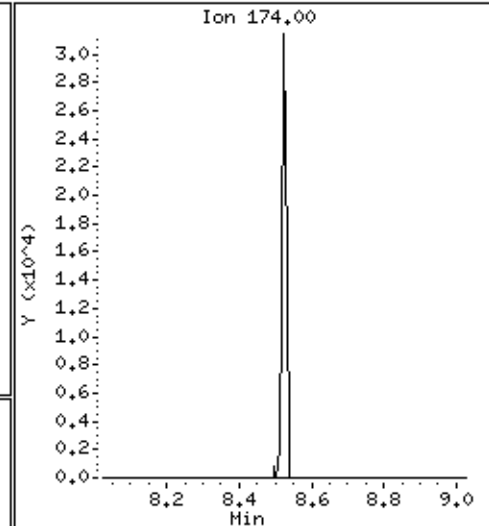
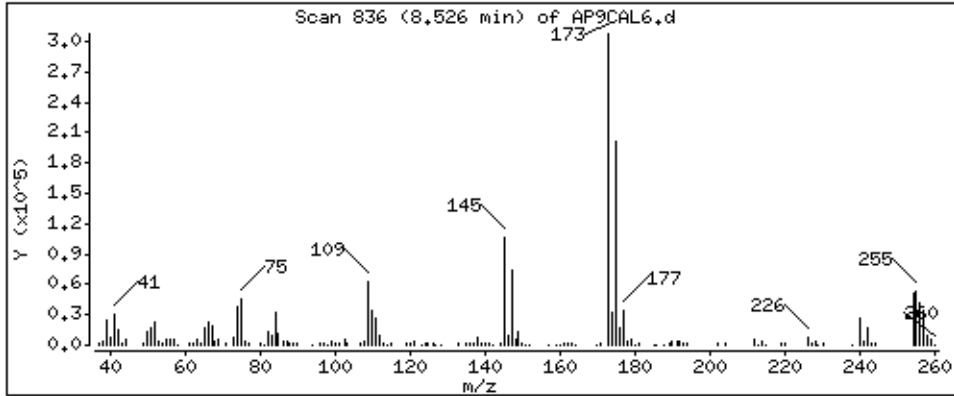
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

106 4-Nitroquinoline-1-oxide

Concentration: 83.4 ug/kg



Date : 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

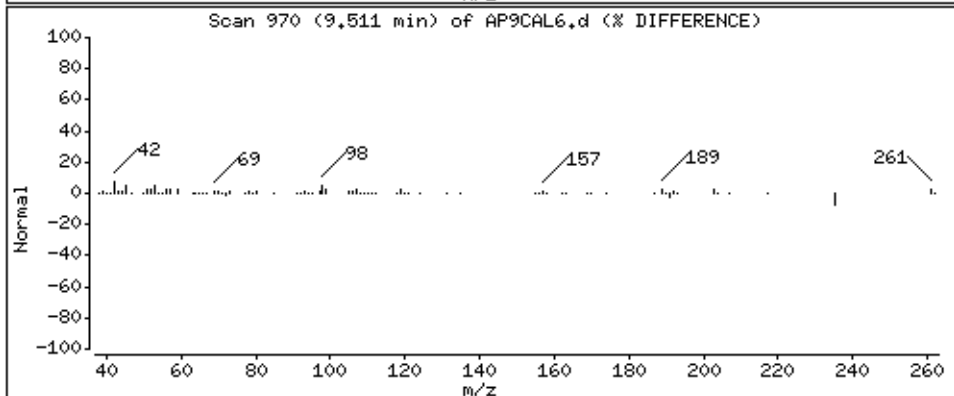
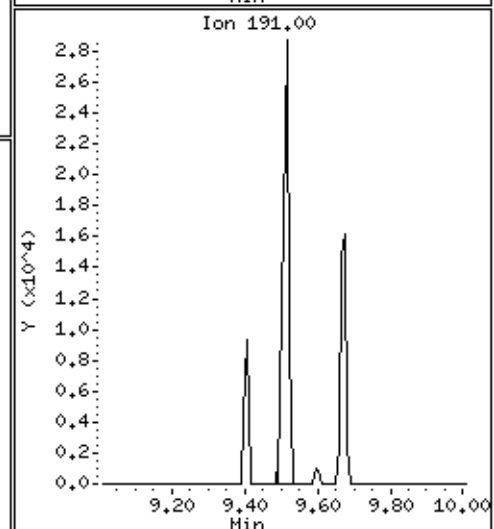
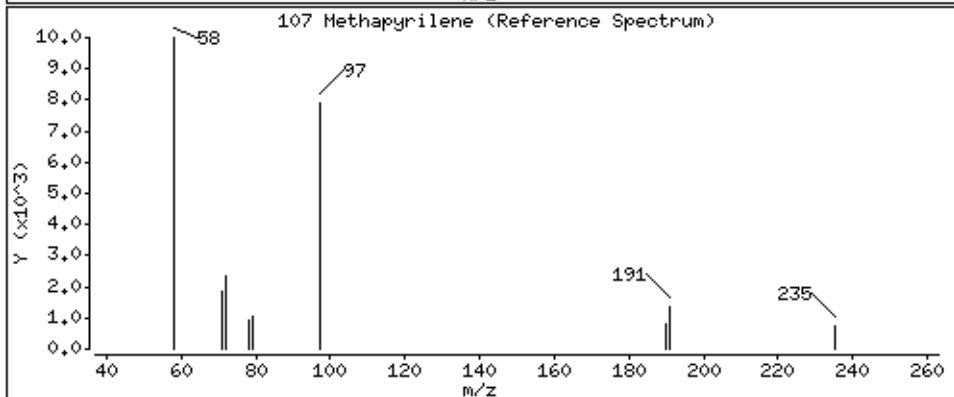
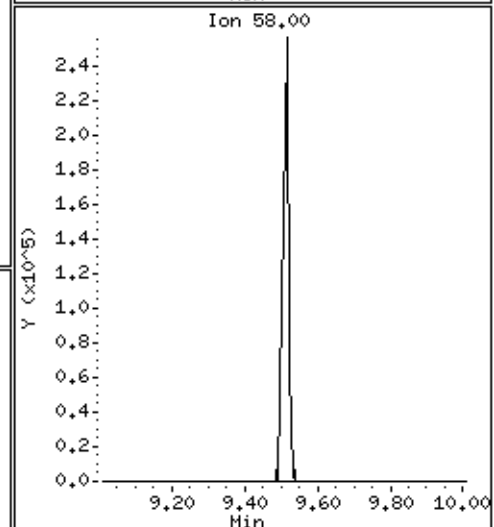
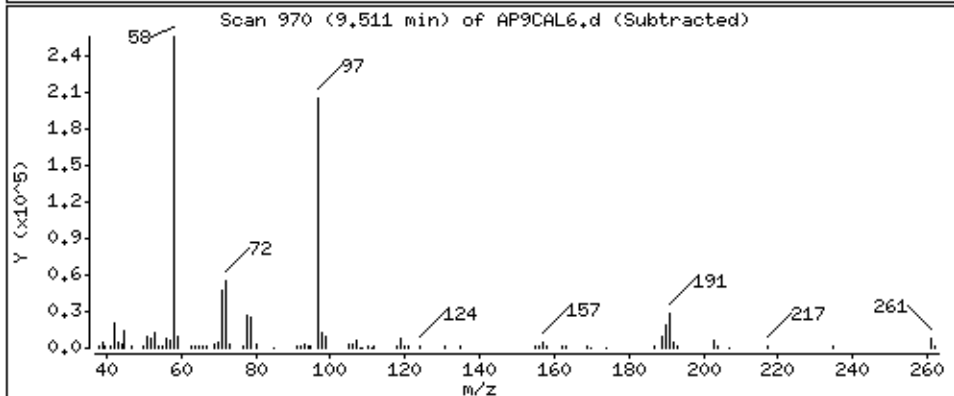
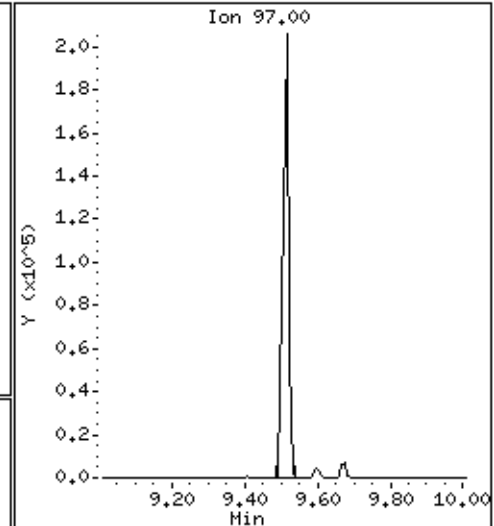
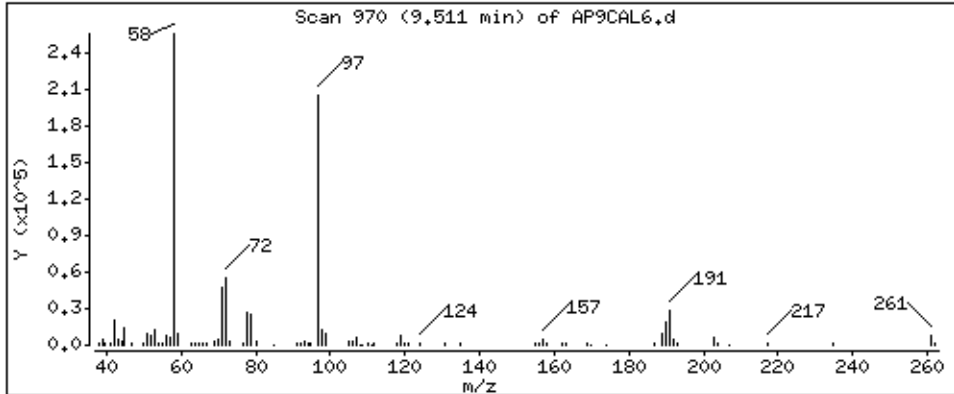
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

107 Methapyrilene

Concentration: 78,6 ug/kg



Date: 15-NOV-2012 09:46

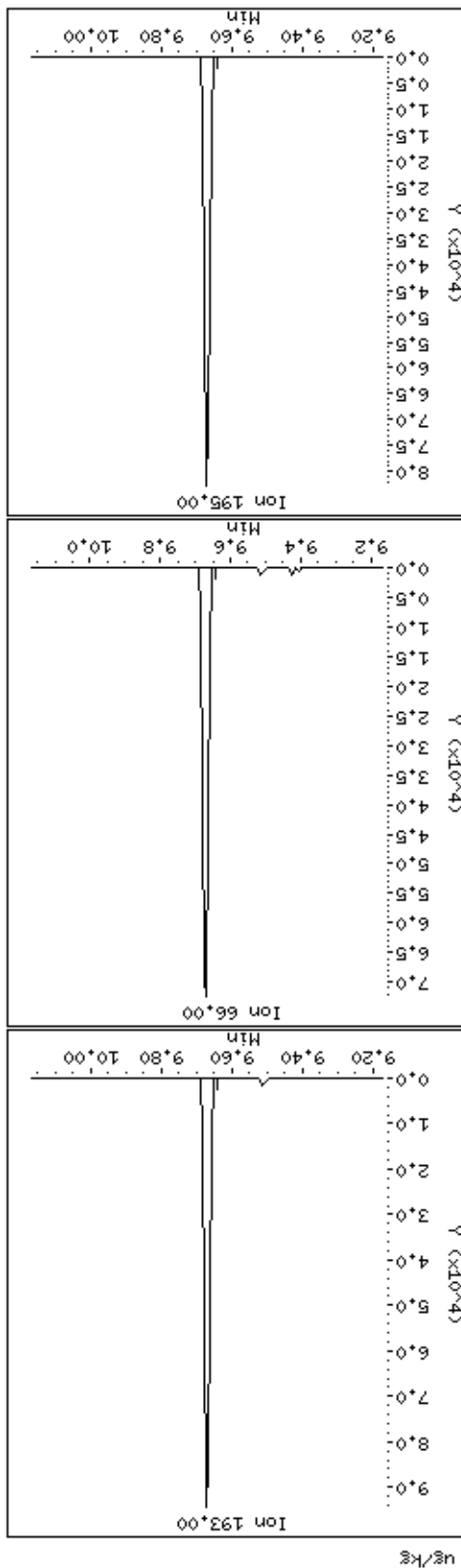
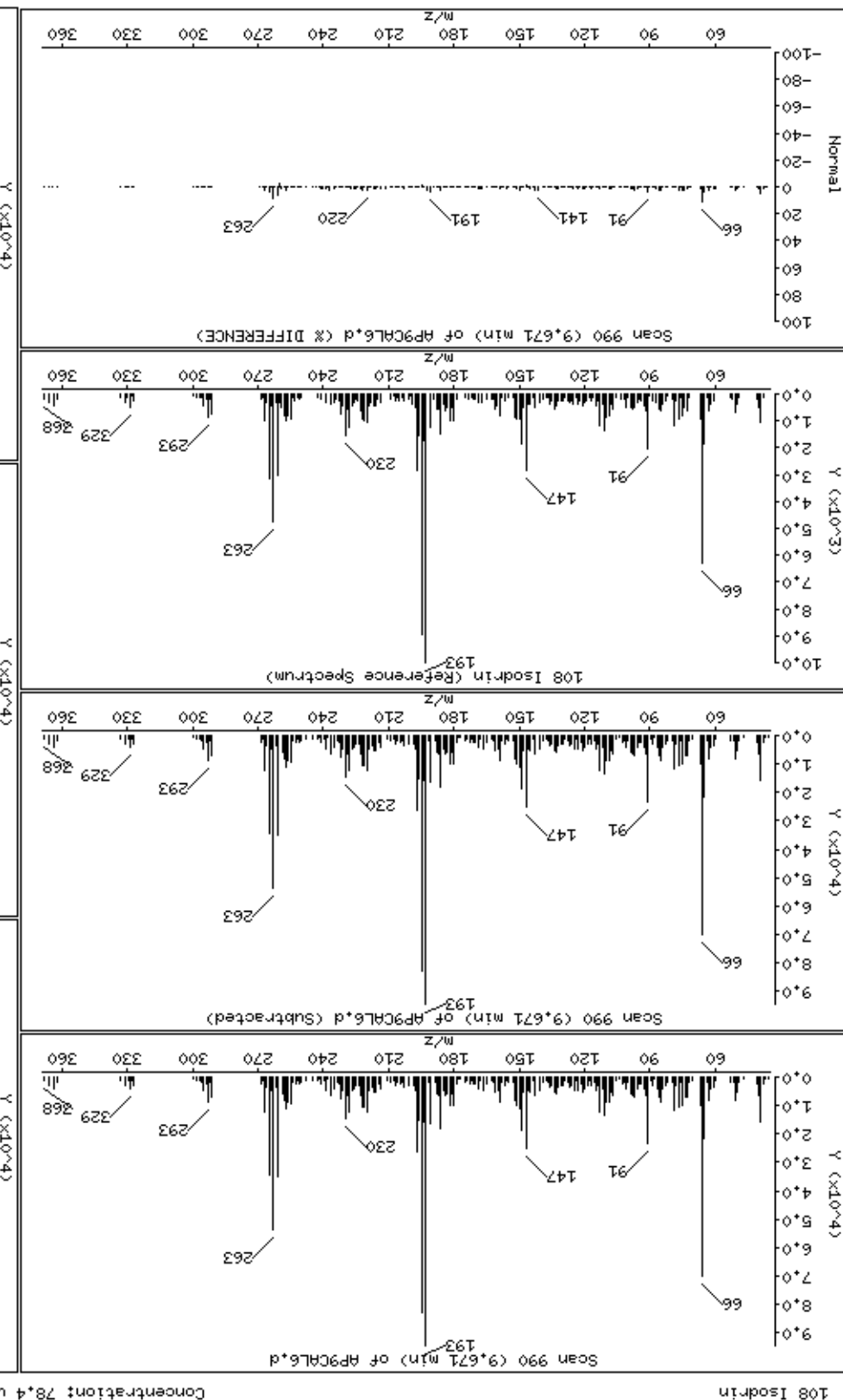
Client ID: AP9CAL6

Sample Info: 47934

Operator: MJ

Column diameter: 0.25

Concentration: 78.4 ug/kg



Date : 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

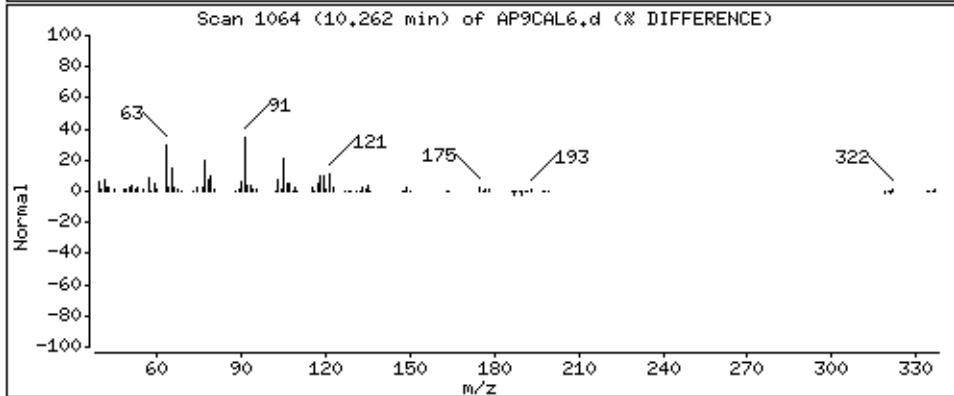
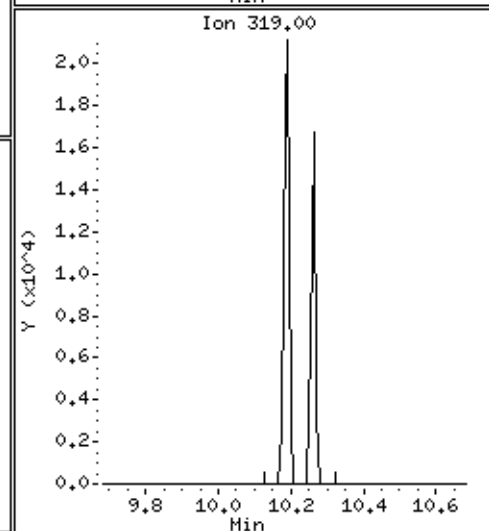
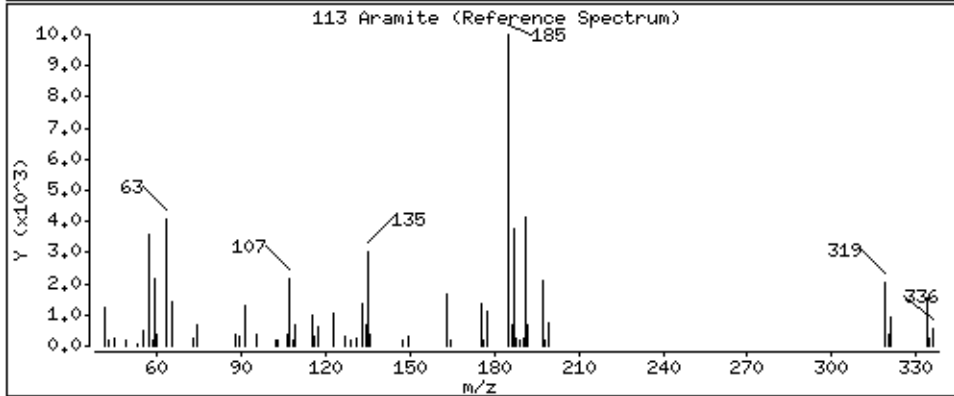
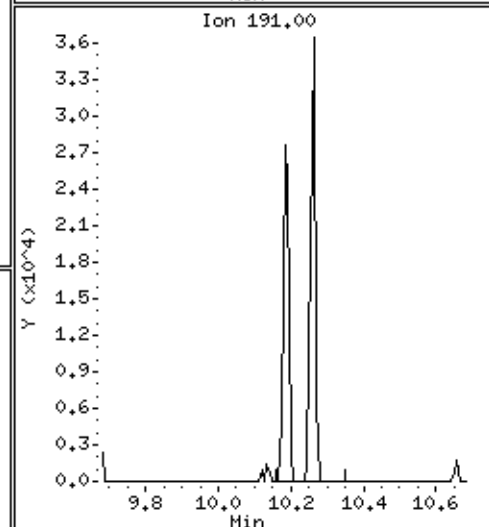
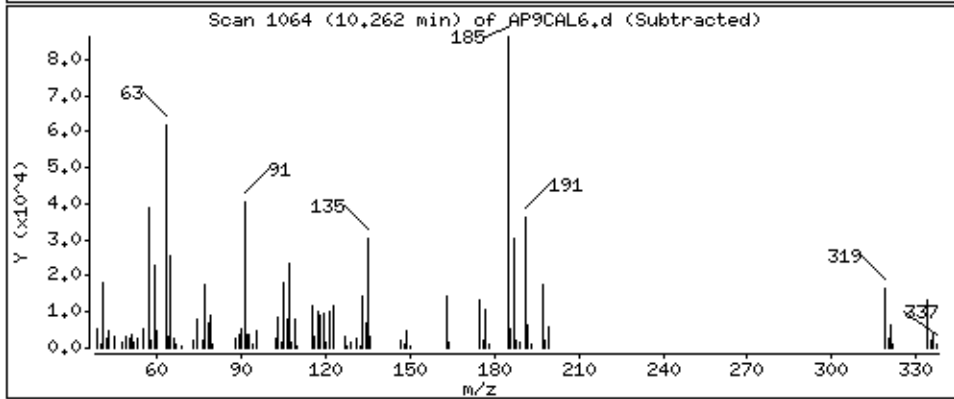
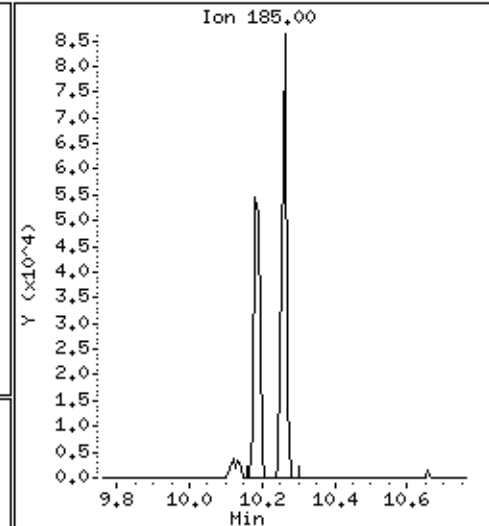
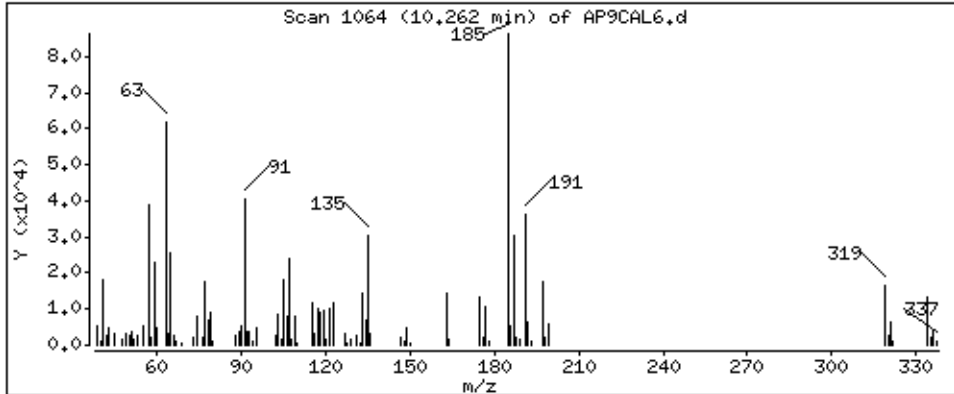
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

113 Aramite

Concentration: 81,8 ug/kg



Date : 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

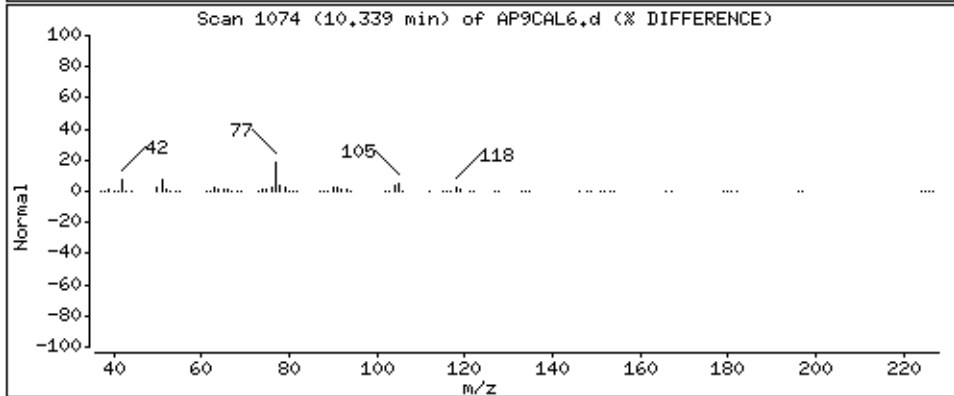
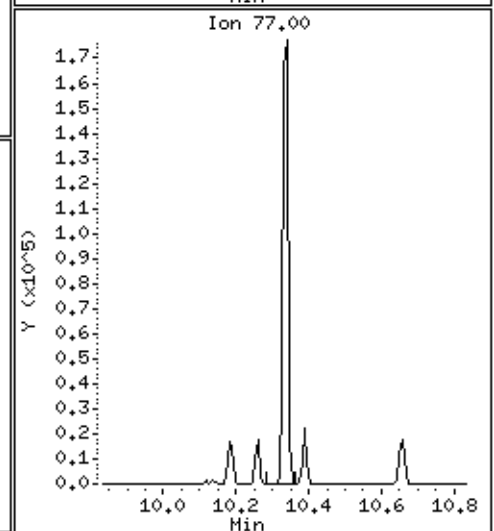
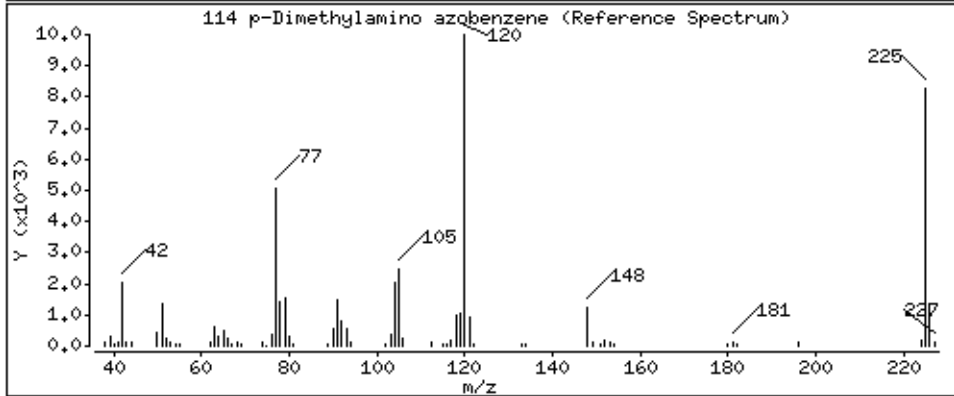
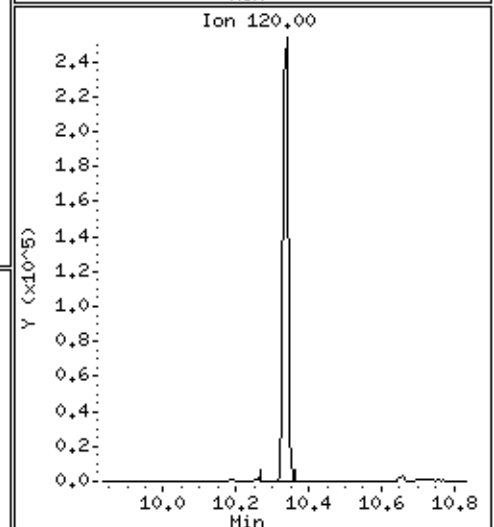
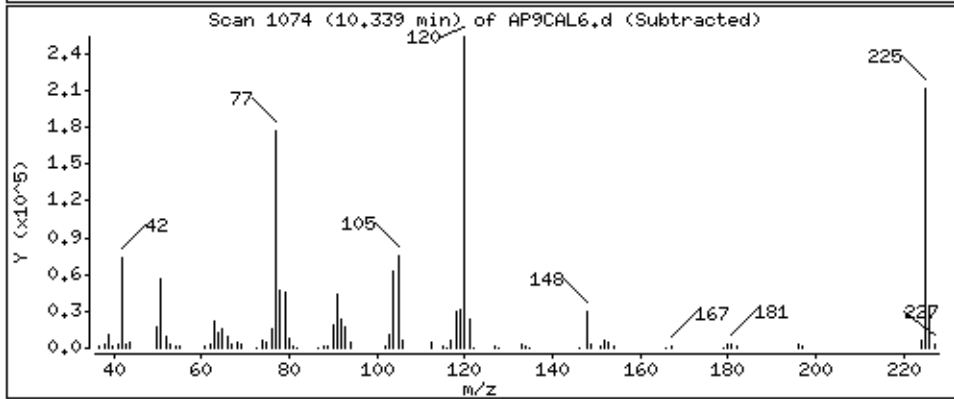
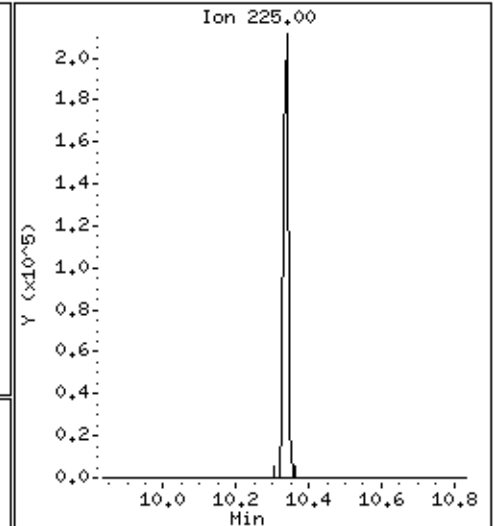
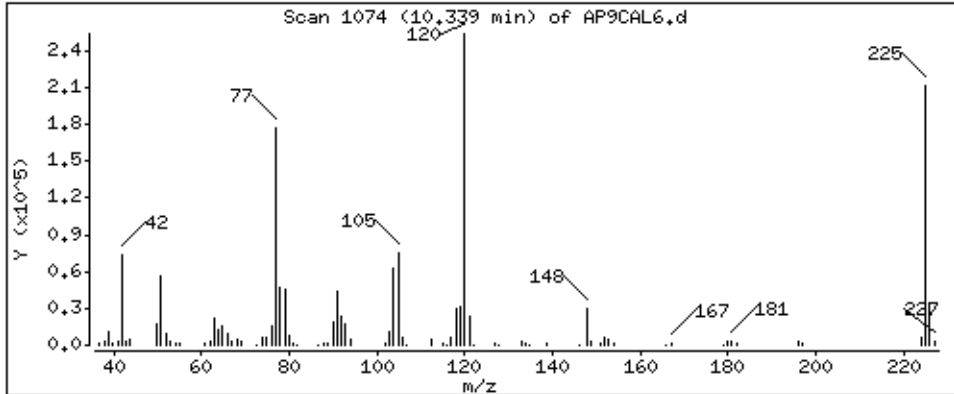
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

114 p-Dimethylamino azobenzene

Concentration: 80,9 ug/kg





Date : 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

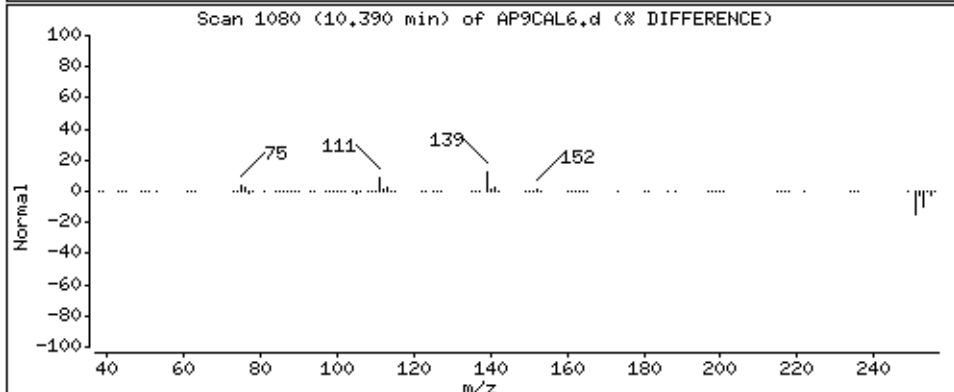
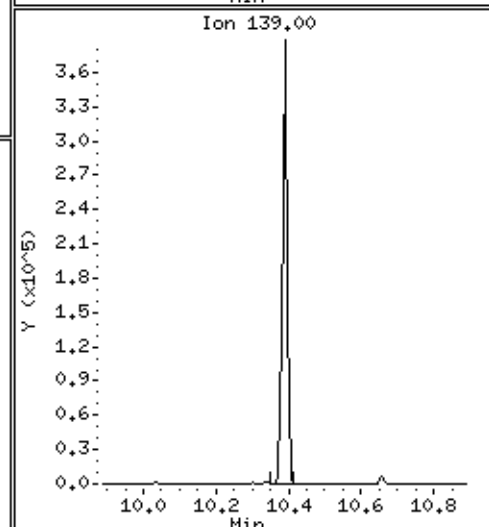
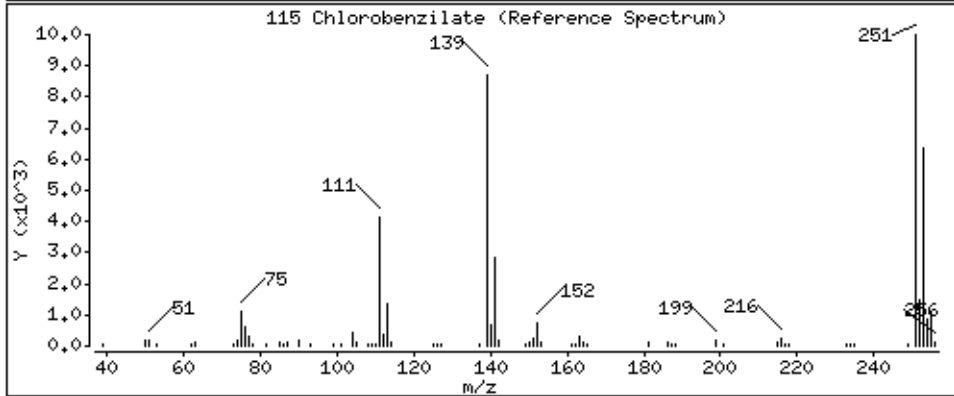
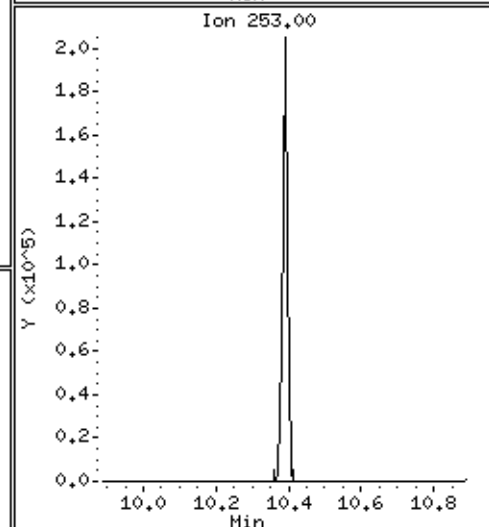
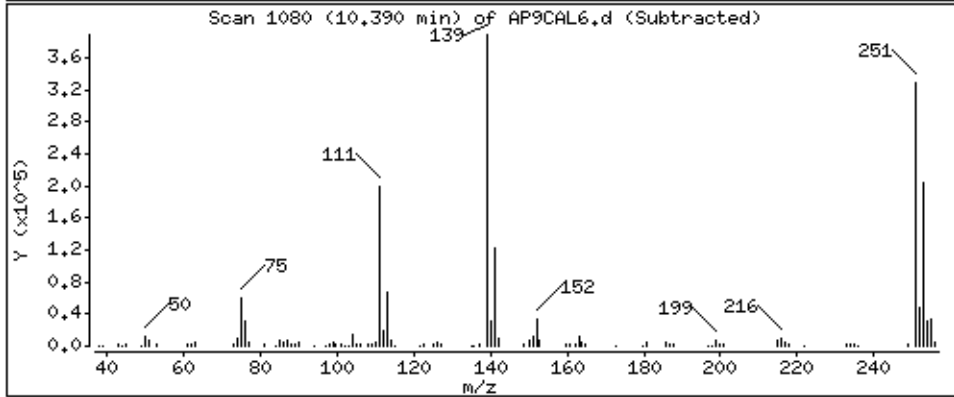
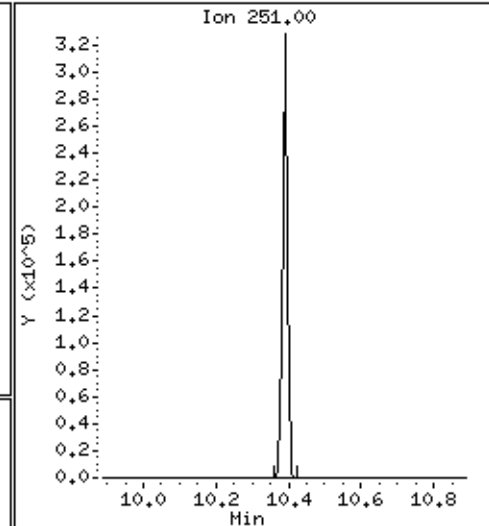
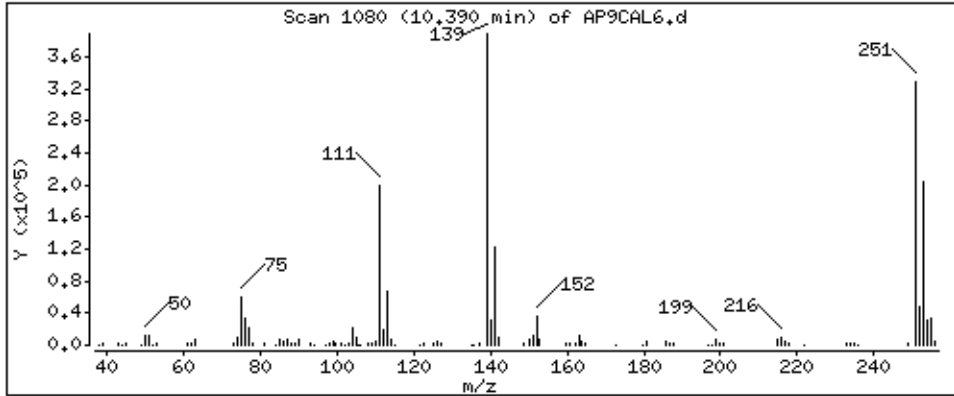
Operator: MJ

Column phase: HPMS-5

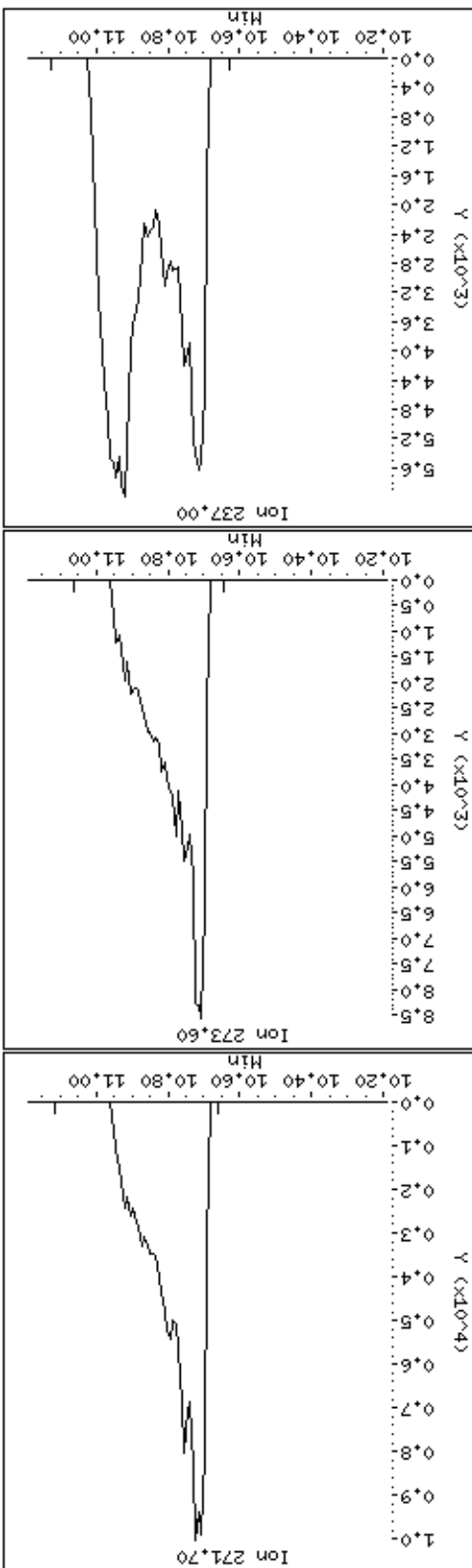
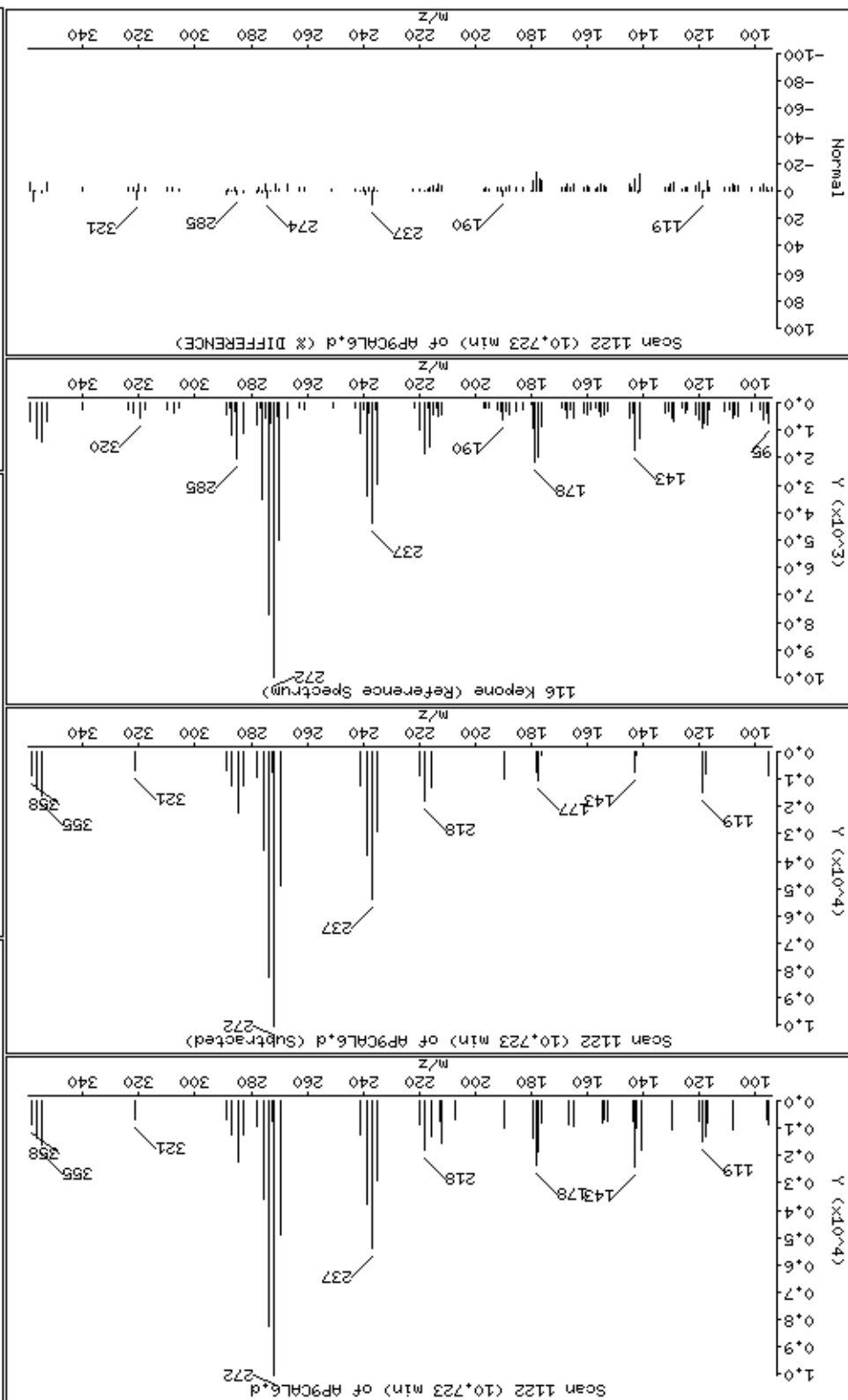
Column diameter: 0,25

115 Chlorobenzilate

Concentration: 79,2 ug/kg



116 Kepone



Date : 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

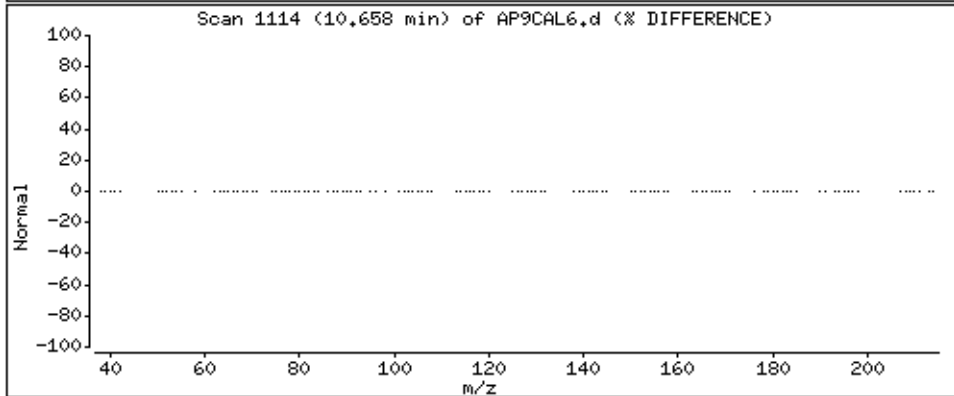
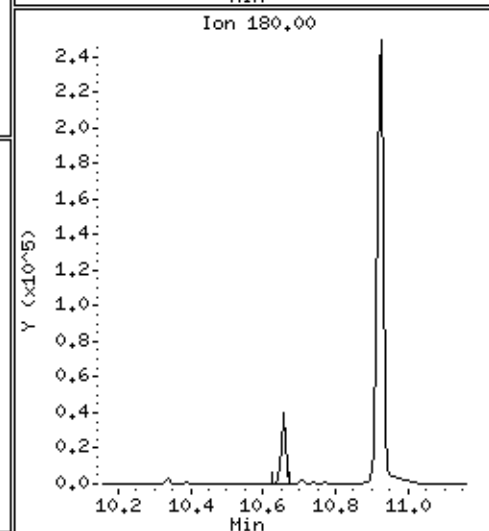
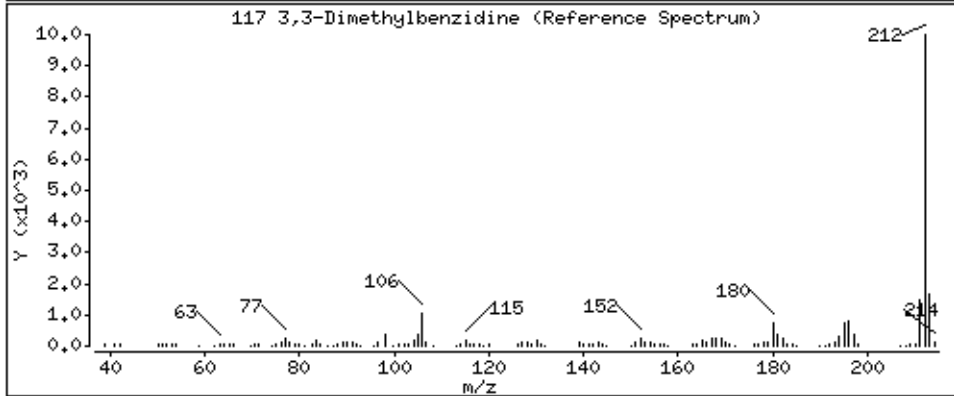
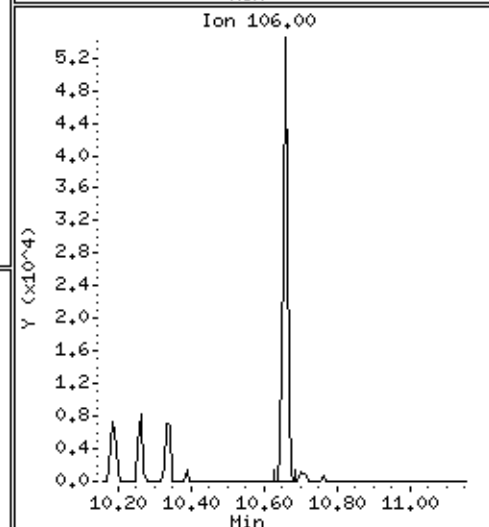
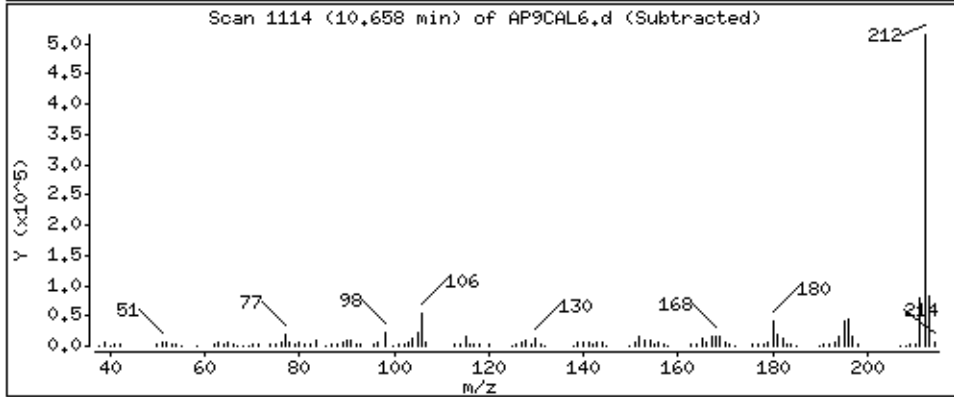
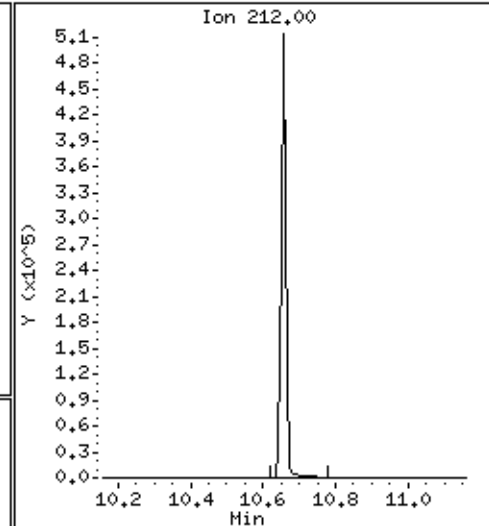
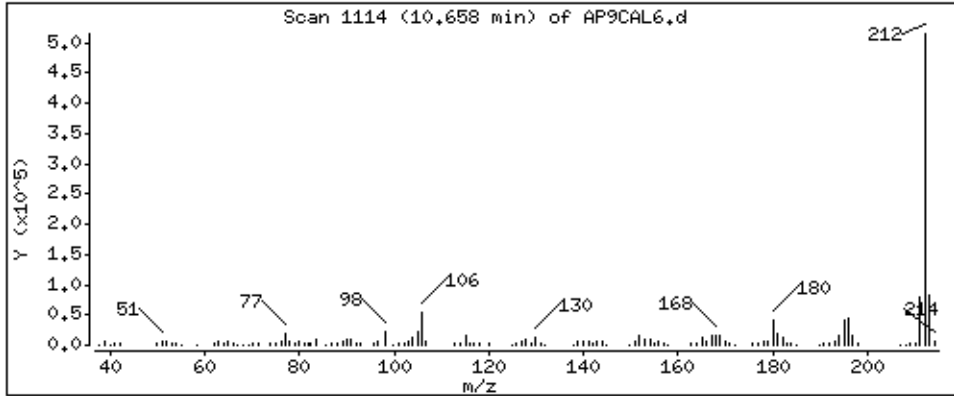
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

117 3,3-Dimethylbenzidine

Concentration: 73,0 ug/kg



Date : 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

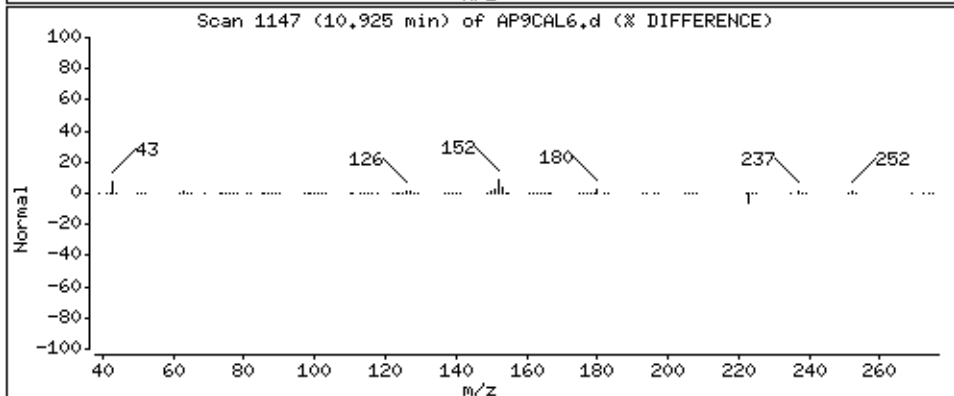
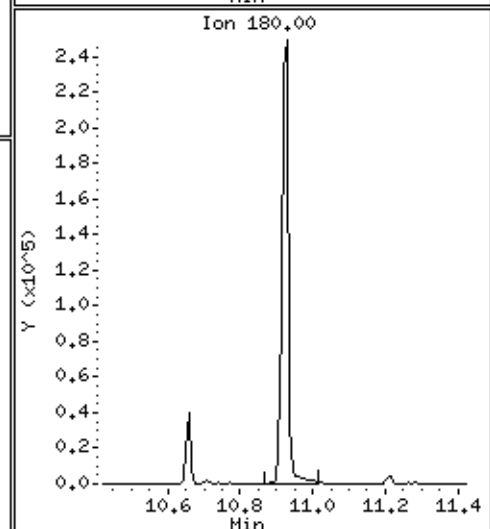
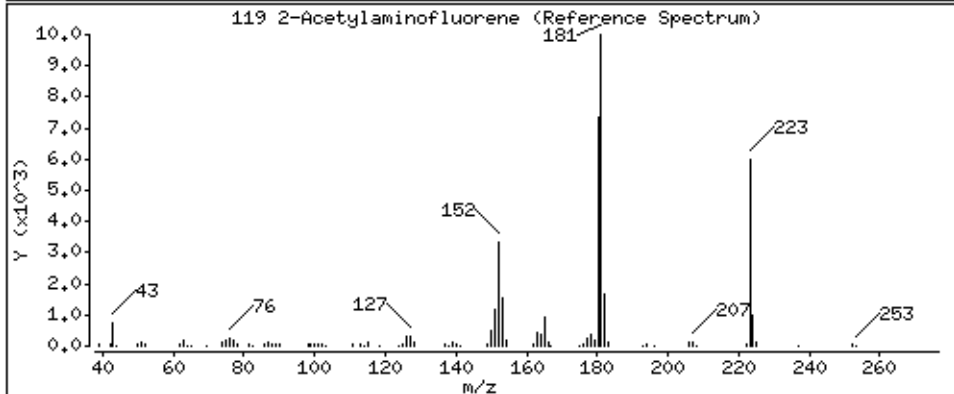
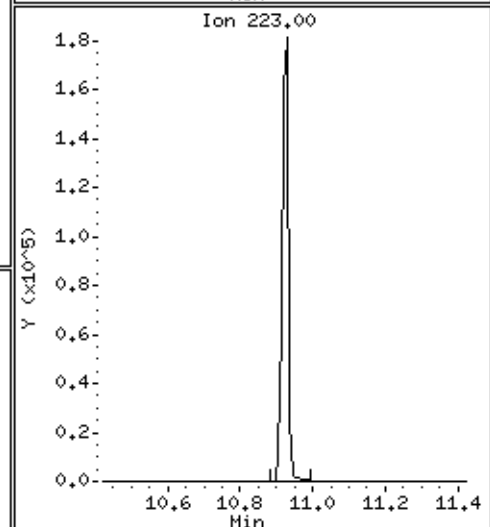
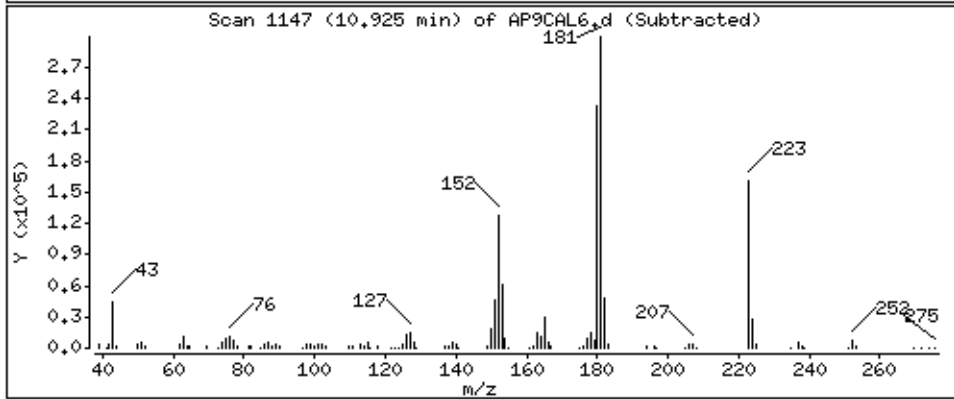
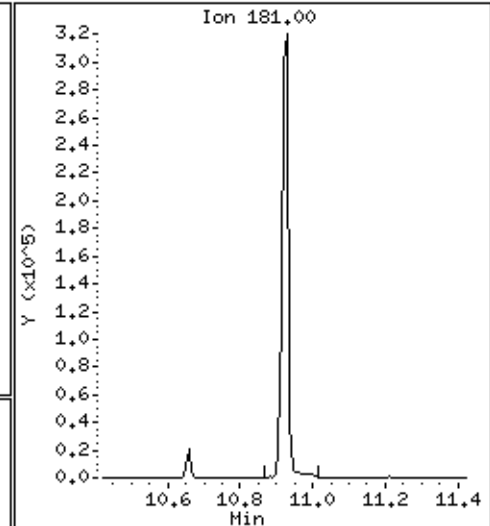
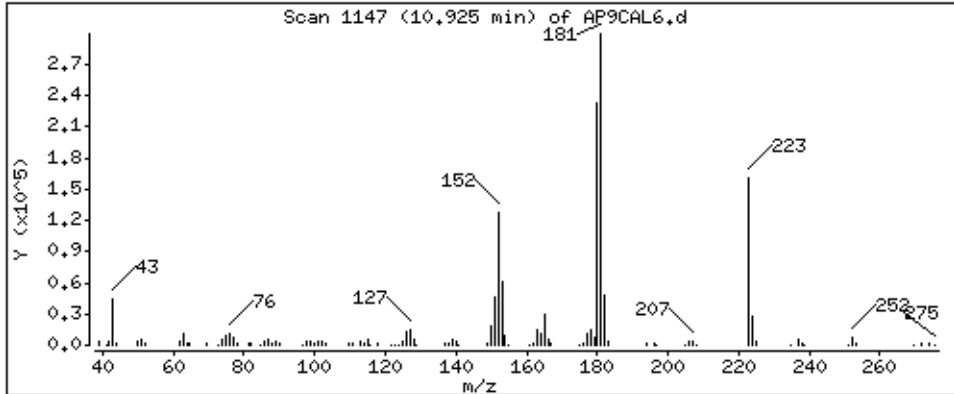
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

119 2-Acetylaminofluorene

Concentration: 78,0 ug/kg



Date: 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.1

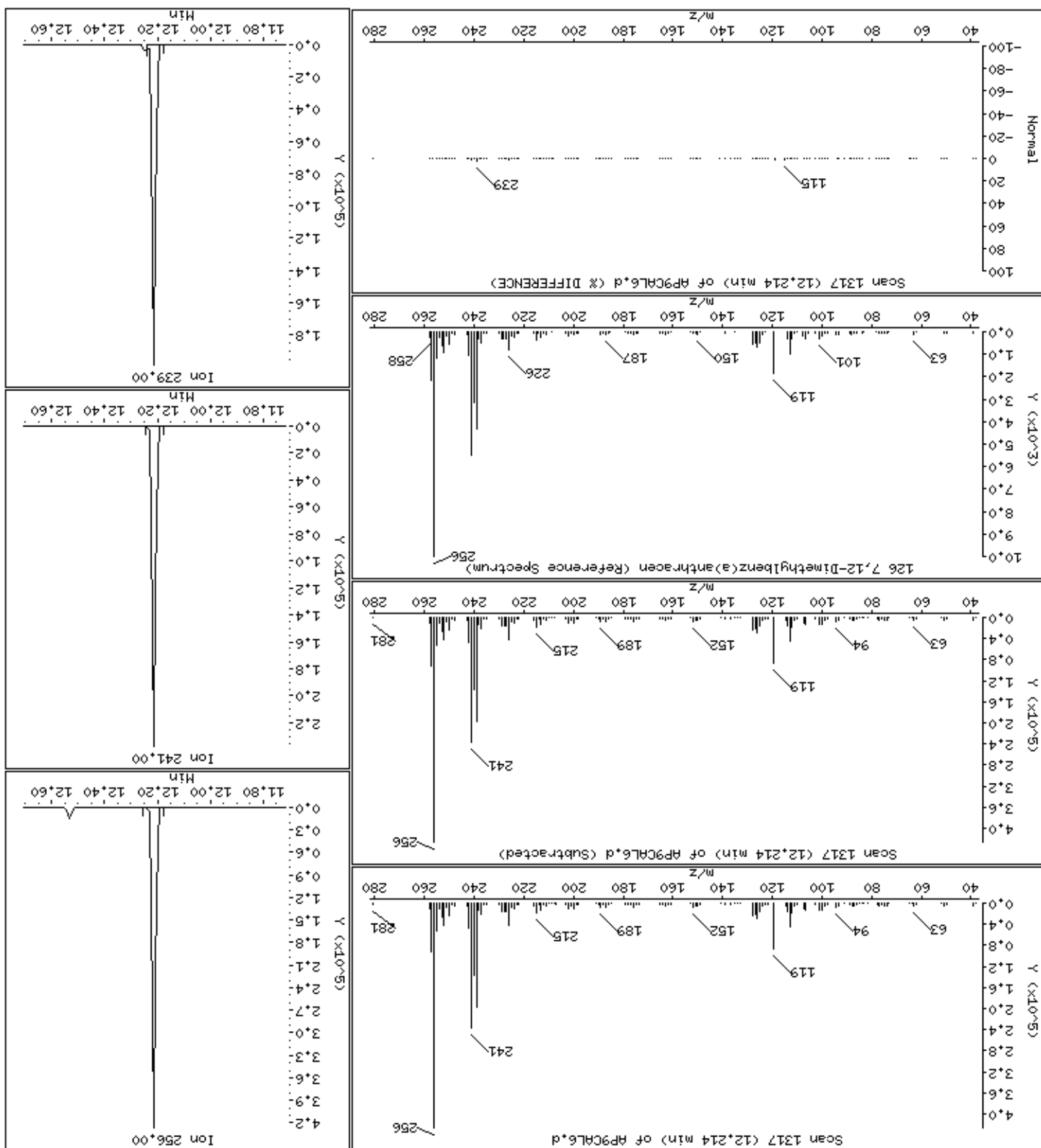
Sample Info: 47934

Operator: MJ

Column diameter: 0.25

Column phase: HPMS-5

Concentration: 82.6 ug/kg



Date : 15-NOV-2012 09:46

Client ID: AP9CAL6

Instrument: smsd04.i

Sample Info: 47934

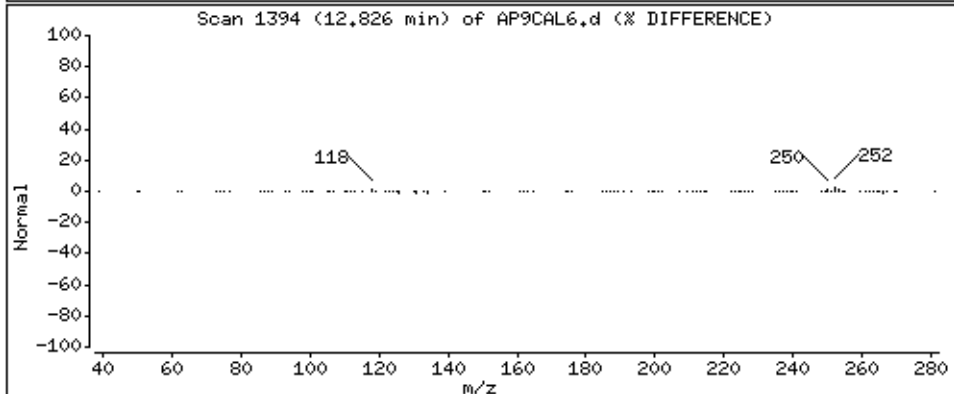
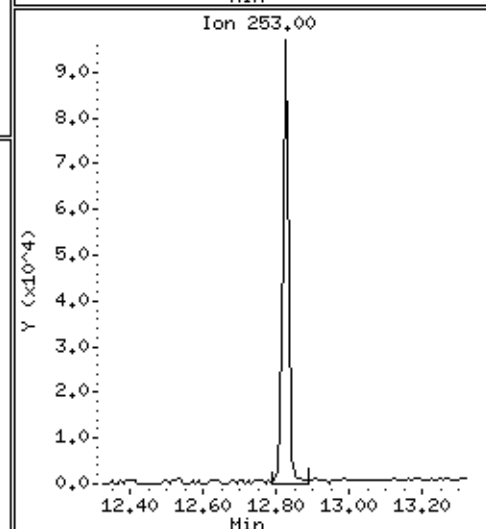
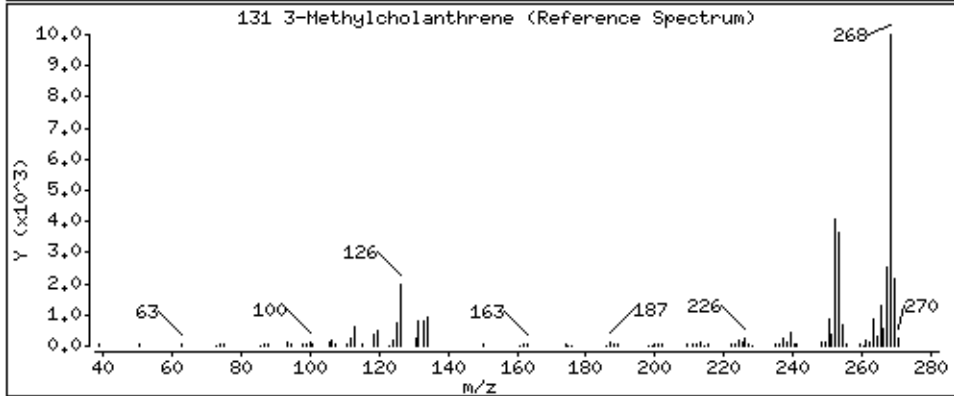
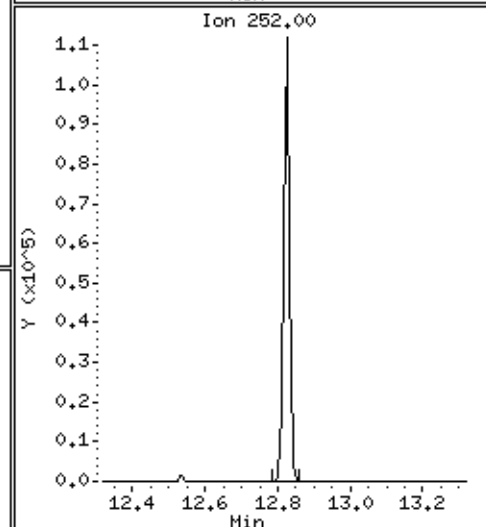
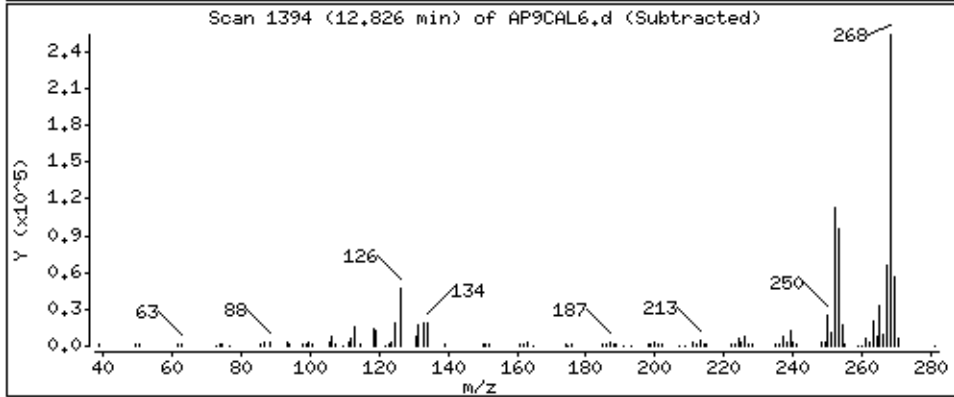
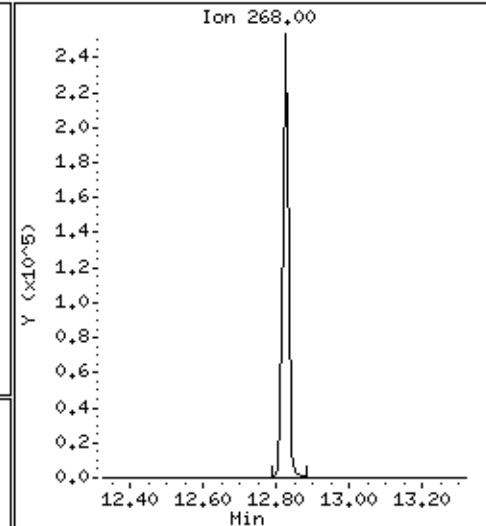
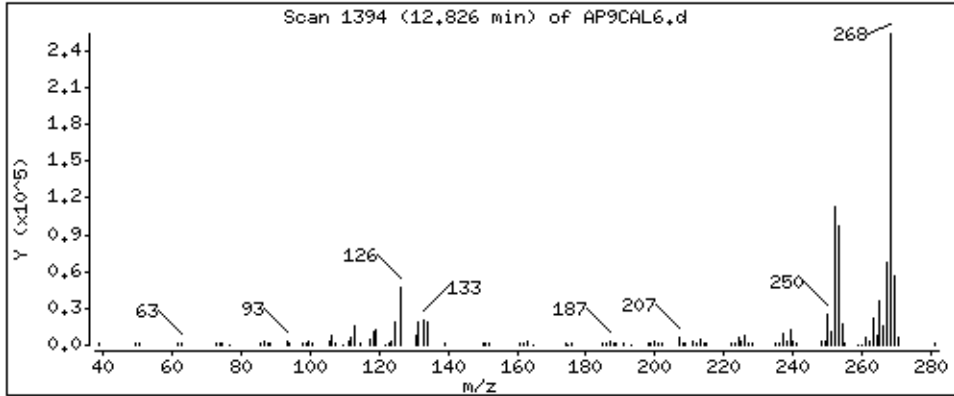
Operator: MJ

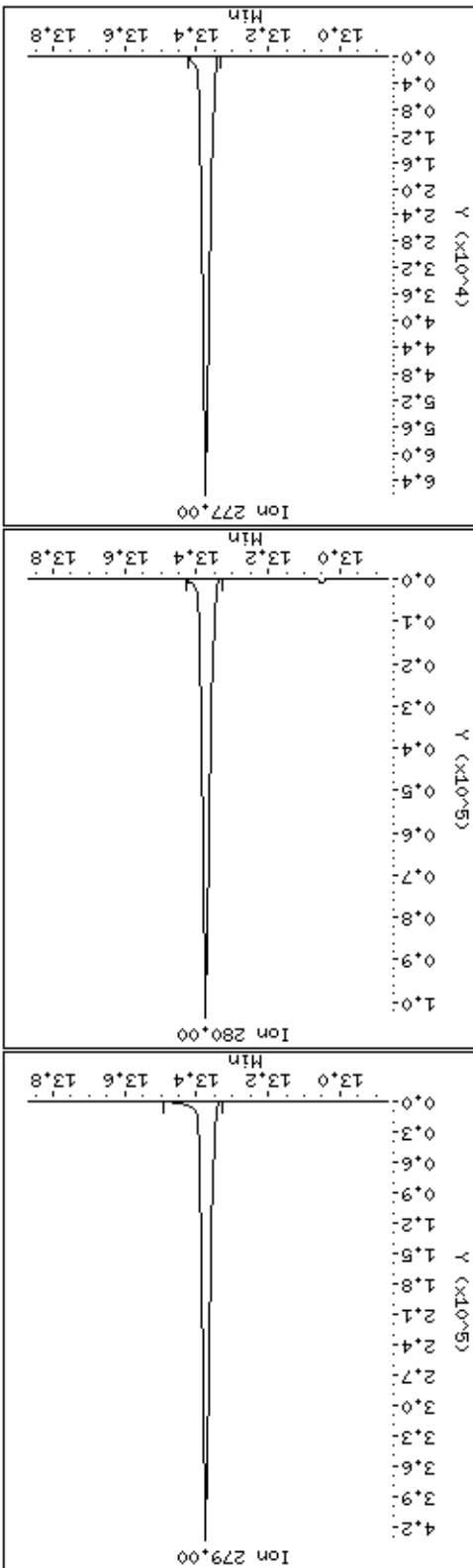
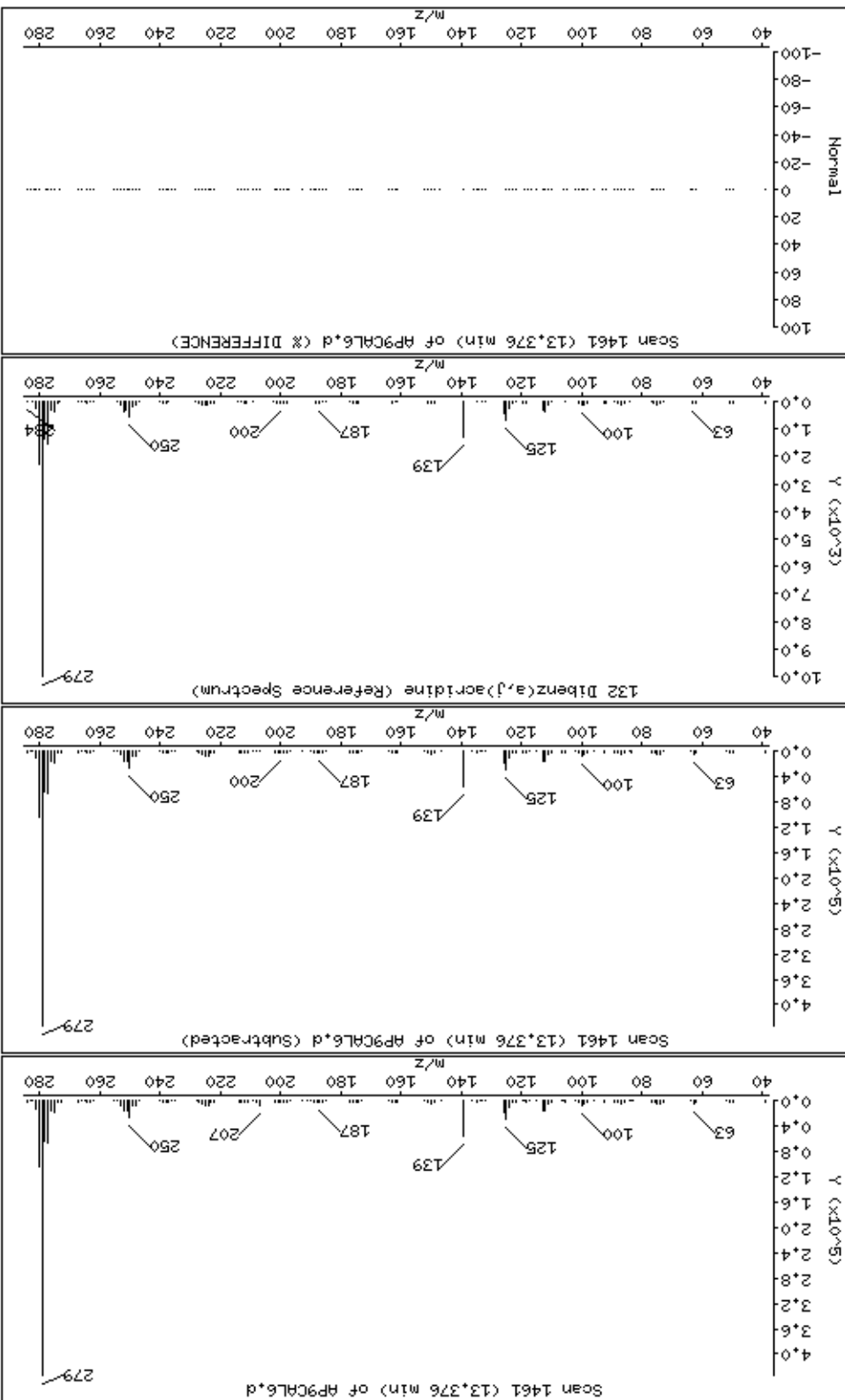
Column phase: HPMS-5

Column diameter: 0,25

131 3-Methylcholanthrene

Concentration: 81,2 ug/kg





PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\AP9CAL5.d  
 Lab Smp Id: 47935 Client Smp ID: AP9CAL5  
 Inj Date : 15-NOV-2012 10:07 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47935  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 10:07 Cal File: AP9CAL5.d  
 Als bottle: 43 Calibration Sample, Level: 5  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: ap9cal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
3 2- Picoline CAS #: 109-06-8									
2.786	2.786 ( 0.649)		93	224297	60.0000	59.4	80.00- 120.00	100.00	
2.786	2.785 ( 0.649)		66	110264			18.85- 78.85	49.16	
2.786	2.786 ( 0.649)		92	58719			0.00- 55.79	26.18	
4 N-Nitrosomethylethylamine CAS #: 10595-95-6									
2.894	2.892 ( 0.674)		88	95941	60.0000	59.2	80.00- 120.00	100.00	
2.893	2.893 ( 0.674)		43	67971			40.05- 100.05	70.85	
2.893	2.892 ( 0.674)		42	106842			84.22- 144.22	111.36	
5 Methyl Methanesulfonate CAS #: 66-27-3									
3.141	3.139 ( 0.731)		80	128771	60.0000	58.1	80.00- 120.00	100.00	
3.141	3.139 ( 0.731)		79	86050			37.37- 97.37	66.82	
3.141	3.139 ( 0.731)		65	34116			0.00- 58.04	26.49	
7 N-Nitrosodiethylamine CAS #: 55-18-5									
3.446	3.445 ( 0.802)		102	95483	60.0000	59.1	80.00- 120.00	100.00	
3.446	3.444 ( 0.802)		42	82747			59.82- 119.82	86.66	
3.446	3.444 ( 0.802)		57	48962			22.61- 82.61	51.28	
8 Ethyl Methanesulfonate CAS #: 62-50-0									
3.692	3.691 ( 0.860)		79	158512	60.0000	58.4	80.00- 120.00	100.00	



AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
8 Ethyl Methanesulfonate (continued)									
3.692	3.691	( 0.860)	109	91711			26.91-	86.91	57.86
3.692	3.691	( 0.860)	97	32490			0.00-	49.95	20.50
-----									
12 Pentachloroethane CAS #: 76-01-7									
4.047	4.048	( 0.942)	167	89362	60.0000	60.3	80.00-	120.00	100.00(M)
4.047	4.048	( 0.942)	117	77924			54.61-	114.61	87.20
4.047	4.048	( 0.942)	130	33825			8.16-	68.16	37.85
-----									
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.295	4.294	( 1.000)	152	97268	40.0000		80.00-	120.00	100.00
4.295	4.294	( 1.000)	115	60488			34.81-	94.81	62.19
4.295	4.294	( 1.000)	150	147977			126.51-	186.51	152.13
-----									
24 N-Nitrosopyrrolidine CAS #: 930-55-2									
4.674	4.671	( 1.088)	100	104661	60.0000	60.2	80.00-	120.00	100.00
4.674	4.670	( 1.088)	41	98746			67.29-	127.29	94.35
4.675	4.671	( 1.088)	42	90092			56.85-	116.85	86.08
-----									
25 Acetophenone CAS #: 98-86-2									
4.675	4.675	( 0.856)	105	278864	60.0000	58.8	80.00-	120.00	100.00
4.675	4.675	( 0.856)	77	256311			60.51-	120.51	91.91
4.675	4.674	( 0.856)	51	88345			1.60-	61.60	31.68
-----									
27 N-Nitrosomorpholine CAS #: 59-89-2									
4.688	4.684	( 1.092)	56	129420	60.0000	58.6	80.00-	120.00	100.00
4.689	4.685	( 1.092)	116	42605			2.11-	62.11	32.92
4.688	4.684	( 1.092)	86	64079			18.75-	78.75	49.51
-----									
29 o-Toluidine CAS #: 95-53-4									
4.717	4.715	( 1.098)	106	299352	60.0000	80.6	80.00-	120.00	100.00(H)
4.717	4.715	( 1.098)	77	65819			0.00-	51.90	21.99
4.717	4.715	( 1.098)	107	222762			44.38-	104.38	74.41
-----									
33 N-Nitrosopiperidine CAS #: 100-75-4									
4.969	4.967	( 0.909)	114	89219	60.0000	61.0	80.00-	120.00	100.00
4.968	4.967	( 0.909)	42	134703			123.47-	183.47	150.98
4.968	4.967	( 0.909)	55	70533			53.49-	113.49	79.06
-----									
37 o,o,o-Triethylphosphorothioate CAS #: 126-68-1									
5.263	5.263	( 1.225)	198	111119	60.0000	59.5	80.00-	120.00	100.00
5.263	5.262	( 1.225)	97	92329			54.13-	114.13	83.09
5.263	5.262	( 1.225)	65	75970			38.00-	98.00	68.37
-----									
39 a,a-Dimethylphenethylamine CAS #: 122-09-8									
5.322	5.375	( 0.974)	58	478177	60.0000	62.3	80.00-	120.00	100.00
5.309	5.375	( 0.972)	91	83287			0.00-	50.20	17.42
5.310	5.376	( 0.972)	65	43693			0.00-	36.52	9.14
-----									
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.464	5.463	( 1.000)	136	315555	40.0000		80.00-	120.00	100.00
5.463	5.463	( 1.000)	68	23329			0.00-	37.51	7.39
-----									

AMOUNTS								
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====
46 2,6-Dichlorophenol						CAS #:	87-65-0	
5.561	5.559	( 1.018)	162	159780	60.0000	61.9	80.00- 120.00	100.00
5.560	5.558	( 1.018)	63	111421			41.54- 101.54	69.73
5.561	5.559	( 1.018)	98	44242			0.00- 57.68	27.69
-----								
47 Hexachloropropene						CAS #:	1888-71-7	
5.597	5.597	( 1.024)	213	160478	60.0000	64.8	80.00- 120.00	100.00
5.597	5.597	( 1.024)	215	103507			34.38- 94.38	64.50
5.597	5.597	( 1.024)	117	41889			0.00- 55.68	26.10
-----								
49 N-Nitrosodi-n-butylamine						CAS #:	924-16-3	
5.890	5.890	( 1.078)	84	153058	60.0000	60.2	80.00- 120.00	100.00
5.890	5.890	( 1.078)	57	111073			42.68- 102.68	72.57
5.890	5.889	( 1.078)	41	94628			32.37- 92.37	61.82
-----								
52 Isosafrole						CAS #:	120-58-1	
6.066	6.066	( 1.110)	162	144827	60.0000	61.5	80.00- 120.00	100.00(M)
6.066	6.066	( 1.110)	104	102190			42.25- 102.25	70.56
6.066	6.066	( 1.110)	131	70952			19.87- 79.87	48.99
-----								
56 1,2,4,5-Tetrachlorobenzene						CAS #:	95-94-3	
6.341	6.340	( 0.885)	216	204262	60.0000	61.8	80.00- 120.00	100.00
6.341	6.340	( 0.885)	214	159158			49.18- 109.18	77.92
6.341	6.339	( 0.885)	108	41423			0.00- 50.98	20.28
-----								
60 Safrole						CAS #:	94-59-7	
6.558	6.558	( 1.200)	162	128678	60.0000	62.4	80.00- 120.00	100.00
6.558	6.558	( 1.200)	104	76820			32.30- 92.30	59.70
6.558	6.557	( 1.200)	77	46720			6.02- 66.02	36.31
-----								
64 1,4-Naphthoquinone						CAS #:	130-15-4	
6.782	6.782	( 0.946)	158	132624	60.0000	63.8	80.00- 120.00	100.00
6.782	6.782	( 0.946)	102	116918			56.55- 116.55	88.16
6.782	6.782	( 0.946)	130	65484			19.11- 79.11	49.38
-----								
66 1,3-Dinitrobenzene						CAS #:	99-65-0	
6.960	6.959	( 0.971)	168	64932	60.0000	62.1	80.00- 120.00	100.00
6.959	6.958	( 0.971)	75	81683			91.84- 151.84	125.80
6.959	6.958	( 0.971)	50	63235			68.52- 128.52	97.39
-----								
* 70 Acenaphthene-d10						CAS #:	15067-26-2	
7.168	7.167	( 1.000)	164	199747	40.0000		80.00- 120.00	100.00
7.168	7.168	( 1.000)	162	190960			66.12- 126.12	95.60
7.169	7.167	( 1.000)	160	84754			13.21- 73.21	42.43
-----								
73 Pentachlorobenzene						CAS #:	608-93-5	
7.377	7.376	( 1.029)	250	187929	60.0000	61.7	80.00- 120.00	100.00
7.377	7.376	( 1.029)	252	119886			34.86- 94.86	63.79
7.376	7.375	( 1.029)	108	55317			0.00- 59.93	29.44
-----								
77 1-Naphthylamine						CAS #:	134-32-7	
7.435	7.433	( 1.037)	143	334661	60.0000	61.1	80.00- 120.00	100.00
7.435	7.433	( 1.037)	115	177909			24.25- 84.25	53.16

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
77 1-Naphthylamine (continued)									
7.435	7.434	( 1.037)	89	33500			0.00-	40.79	10.01
-----									
78 2,3,4,6-Tetrachlorophenol CAS #: 58-90-2									
7.516	7.514	( 1.049)	232	112946	60.0000	66.0	80.00-	120.00	100.00
7.516	7.514	( 1.048)	168	32946			0.00-	58.61	29.17
7.516	7.513	( 1.048)	131	53493			18.06-	78.06	47.36
-----									
79 2-Naphthylamine CAS #: 91-59-8									
7.506	7.505	( 1.047)	143	376720	60.0000	61.1	80.00-	120.00	100.00
7.506	7.504	( 1.047)	115	204717			24.63-	84.63	54.34
7.506	7.505	( 1.047)	116	86754			0.00-	52.80	23.03
-----									
83 5-Nitro-ortho-toluidine CAS #: 99-55-8									
7.733	7.731	( 1.079)	152	115394	60.0000	62.9	80.00-	120.00	100.00
7.732	7.731	( 1.079)	106	91648			49.62-	109.62	79.42
7.732	7.731	( 1.079)	77	132364			86.78-	146.78	114.71
-----									
90 1,3,5-Trinitrobenzene CAS #: 99-35-4									
8.114	8.109	( 1.132)	75	265178	60.0000	60.2	80.00-	120.00	100.00
8.114	8.109	( 1.132)	74	160738			29.31-	89.31	60.62
8.115	8.110	( 1.132)	213	98474			6.52-	66.52	37.14
-----									
89 Diallate CAS #: 2303-16-4									
8.131	8.132	( 1.134)	86	200943	60.0000	61.1	80.00-	120.00	100.00(M)
8.131	8.132	( 1.134)	43	253678			64.61-	124.61	126.24
8.131	8.132	( 1.134)	234	90099			1.00-	61.00	44.84
-----									
92 Phenacetin CAS #: 62-44-2									
8.154	8.150	( 0.948)	109	243010	60.0000	63.2	80.00-	120.00	100.00
8.154	8.150	( 0.948)	108	233709			70.78-	130.78	96.17
8.154	8.150	( 0.948)	179	121600			22.17-	82.17	50.04
-----									
91 p-Phenylenediamine CAS #: 106-50-3									
8.154	8.150	( 0.948)	108	233709	60.0000	62.3	80.00-	120.00	100.00
8.154	8.150	( 0.947)	80	52787			0.00-	51.04	22.59
8.154	8.149	( 0.948)	53	32323			0.00-	43.69	13.83
-----									
97 Pentachloronitrobenzene CAS #: 82-68-8									
8.560	8.560	( 0.995)	237	70810	60.0000	61.9	80.00-	120.00	100.00
8.560	8.560	( 0.995)	295	25173			6.13-	66.13	35.55
8.560	8.559	( 0.995)	142	48207			37.48-	97.48	68.08
-----									
98 4-Aminobiphenyl CAS #: 92-67-1									
8.428	8.425	( 0.979)	169	434995	60.0000	61.1	80.00-	120.00	100.00
8.428	8.425	( 0.979)	168	93538			0.00-	51.69	21.50
8.428	8.424	( 0.979)	115	49618			0.00-	41.29	11.41
-----									
99 Pronamide CAS #: 23950-58-5									
8.524	8.523	( 0.991)	173	214255	60.0000	63.0	80.00-	120.00	100.00
8.524	8.523	( 0.991)	175	142964			37.21-	97.21	66.73
8.524	8.523	( 0.991)	145	76383			6.07-	66.07	35.65
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
* 100 Phenanthrene-d10					CAS #: 1517-22-2				
8.605	8.604	( 1.000)	188	356908	40.0000		80.00-	120.00	100.00
8.605	8.604	( 1.000)	94	37137			0.00-	40.39	10.41
8.605	8.603	( 1.000)	80	40128			0.00-	41.55	11.24
-----									
102 Dinoseb					CAS #: 88-85-7				
8.670	8.663	( 1.008)	211	117577	60.0000	59.2	80.00-	120.00	100.00(M)
8.663	8.663	( 1.007)	163	54101			16.26-	76.26	46.01
8.663	8.663	( 1.007)	117	33673			0.00-	57.53	28.64
-----									
106 4-Nitroquinoline-1-oxide					CAS #: 56-57-5				
8.524	8.525	( 0.991)	174	20729	60.0000	62.9	80.00-	120.00	100.00(M)
8.525	8.517	( 0.991)	128	0	0.00	0.00	0.00-	30.00	0.00
8.525	8.517	( 0.991)	101	0	0.00	0.00	0.00-	30.00	0.00
-----									
107 Methapyrilene					CAS #: 91-80-5				
9.510	9.510	( 1.105)	97	370290	60.0000	62.2	80.00-	120.00	100.00
9.510	9.510	( 1.105)	58	466378			97.04-	157.04	125.95
9.510	9.510	( 1.105)	191	52127			0.00-	44.49	14.08
-----									
108 Isodrin					CAS #: 465-73-6				
9.670	9.669	( 1.124)	193	79026	60.0000	62.0	80.00-	120.00	100.00
9.669	9.668	( 1.124)	66	64830			53.06-	113.06	82.04
9.670	9.669	( 1.124)	195	68102			59.05-	119.05	86.18
-----									
113 Aramite					CAS #: 140-57-8				
10.261	10.261	( 0.915)	185	96554	60.0000	63.4	80.00-	120.00	100.00(M)
10.261	10.182	( 0.915)	191	45817			18.05-	78.05	47.45
10.182	10.182	( 0.908)	319	25996			0.00-	55.81	26.92
-----									
114 p-Dimethylamino azobenzene					CAS #: 60-11-7				
10.336	10.334	( 0.922)	225	157974	60.0000	63.7	80.00-	120.00	100.00
10.336	10.334	( 0.922)	120	210214			107.72-	167.72	133.07
10.335	10.334	( 0.922)	77	149355			69.64-	129.64	94.54
-----									
115 Chlorobenzilate					CAS #: 510-15-6				
10.388	10.388	( 0.927)	251	211525	60.0000	61.1	80.00-	120.00	100.00
10.388	10.388	( 0.927)	253	135439			35.05-	95.05	64.03
10.388	10.388	( 0.927)	139	247154			88.99-	148.99	116.84
-----									
116 Kepone					CAS #: 143-50-0				
10.698	10.690	( 0.954)	272	59509	60.0000	60.4	80.00-	120.00	100.00(M)
10.698	10.690	( 0.954)	274	48975			51.38-	111.38	82.30
10.698	10.690	( 0.954)	237	53609			13.59-	73.59	90.09
-----									
117 3,3-Dimethylbenzidine					CAS #: 119-93-7				
10.657	10.657	( 0.951)	212	367254	60.0000	59.7	80.00-	120.00	100.00
10.657	10.656	( 0.951)	106	37006			0.00-	39.77	10.08
10.657	10.657	( 0.951)	180	28958			0.00-	38.39	7.89
-----									
119 2-Acetylaminofluorene					CAS #: 53-96-3				
10.922	10.920	( 0.974)	181	313397	60.0000	60.9	80.00-	120.00	100.00
10.922	10.920	( 0.974)	223	166350			22.99-	82.99	53.08

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
119 2-Acetylaminofluorene (continued)									
10.922	10.920	( 0.974)	180	250408			47.24-	107.24	79.90
-----									
* 121 Chrysene-d12					CAS #: 1719-03-5				
11.211	11.211	( 1.000)	240	384745	40.0000		80.00-	120.00	100.00
11.210	11.210	( 1.000)	120	39534			0.00-	40.02	10.28
11.211	11.210	( 1.000)	236	94542			0.00-	54.50	24.57
-----									
126 7,12-Dimethylbenz(a)anthracen					CAS #: 57-97-6				
12.213	12.210	( 0.974)	256	299178	60.0000	62.3	80.00-	120.00	100.00
12.213	12.210	( 0.974)	241	168824			24.64-	84.64	56.43
12.213	12.210	( 0.974)	239	139789			16.31-	76.31	46.72
-----									
* 130 Perylene-d12					CAS #: 1520-96-3				
12.534	12.532	( 1.000)	264	363466	40.0000		80.00-	120.00	100.00
12.534	12.533	( 1.000)	260	82552			0.00-	52.70	22.71
12.534	12.532	( 1.000)	265	77915			0.00-	52.11	21.44
-----									
131 3-Methylcholanthrene					CAS #: 56-49-5				
12.825	12.822	( 1.023)	268	220758	60.0000	63.3	80.00-	120.00	100.00
12.825	12.821	( 1.023)	252	96866			13.86-	73.86	43.88
12.825	12.822	( 1.023)	253	87231			11.25-	71.25	39.51
-----									
132 Dibenz(a,j)acridine					CAS #: 224-42-0				
13.374	13.369	( 1.067)	279	490412	60.0000	64.4	80.00-	120.00	100.00
13.374	13.369	( 1.067)	280	112913			0.00-	52.83	23.02
13.374	13.369	( 1.067)	277	71153			0.00-	44.54	14.51
-----									

QC Flag Legend

- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

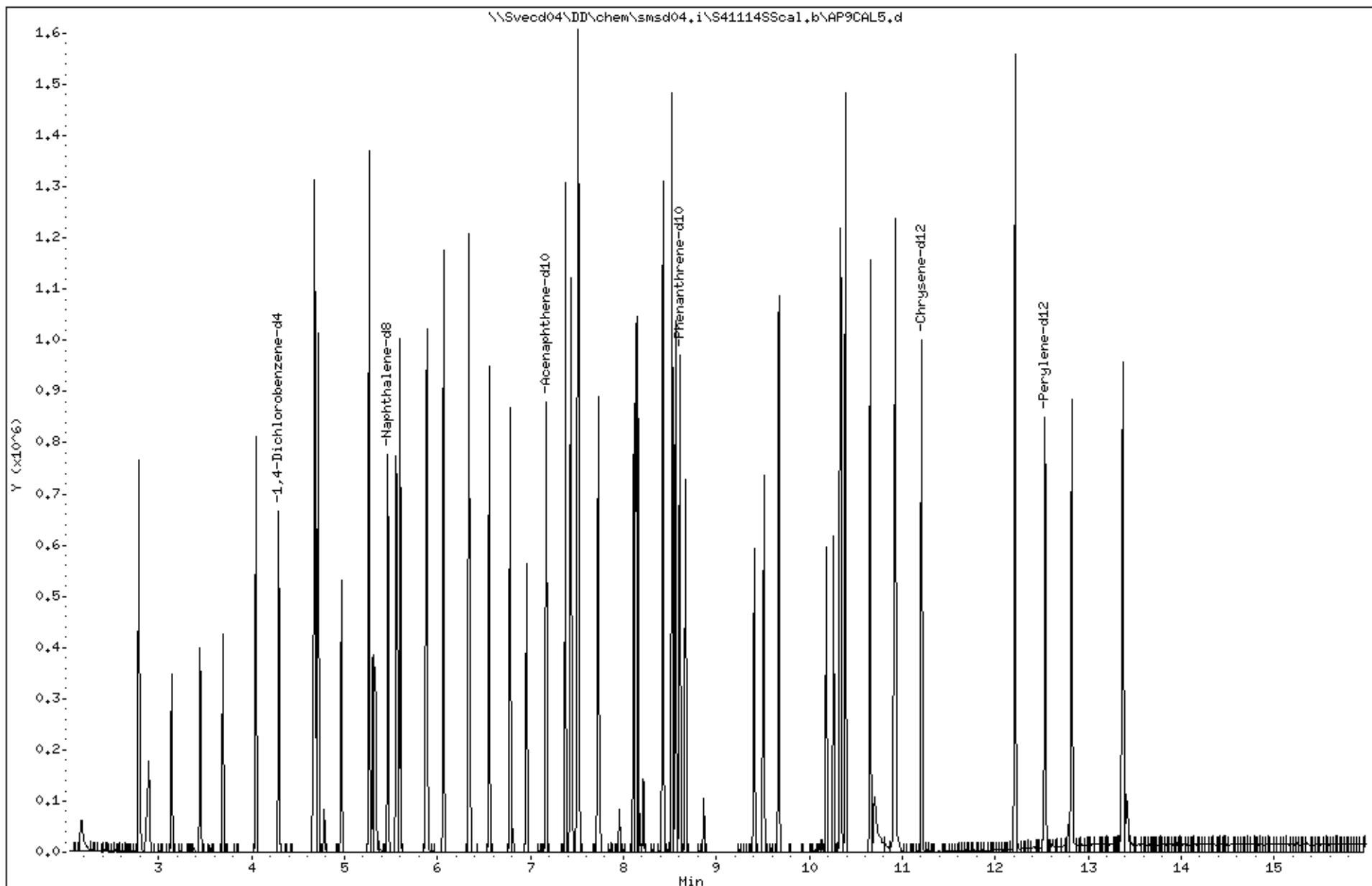
Sample Info: 47935

Instrument: smsd04.i

Operator: MJ

Column diameter: 0.25

Column phase: HPMS-5



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

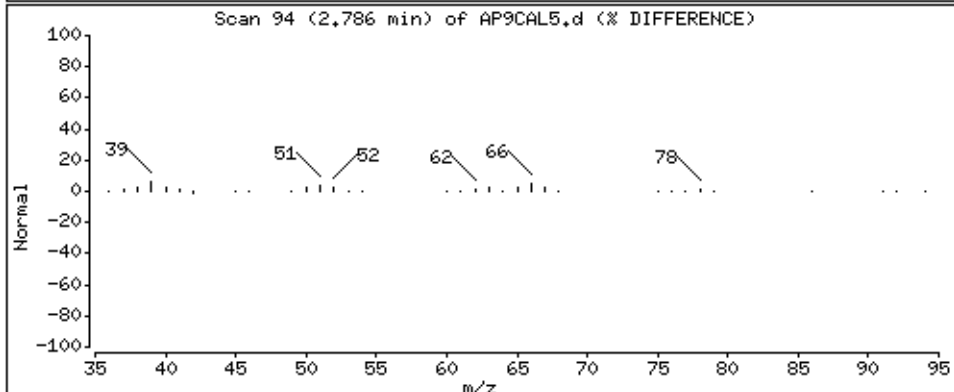
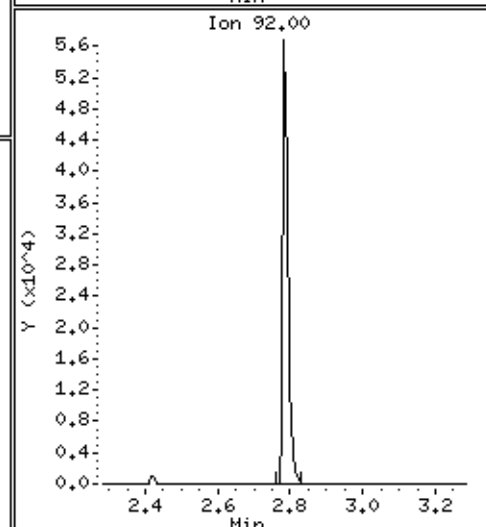
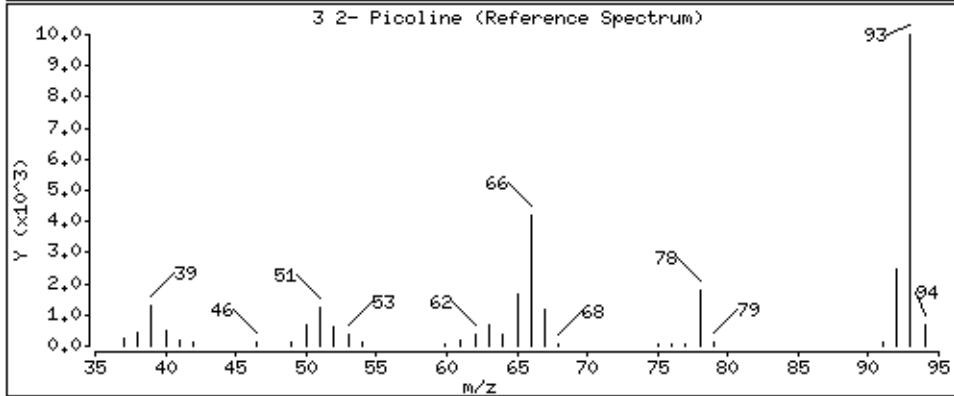
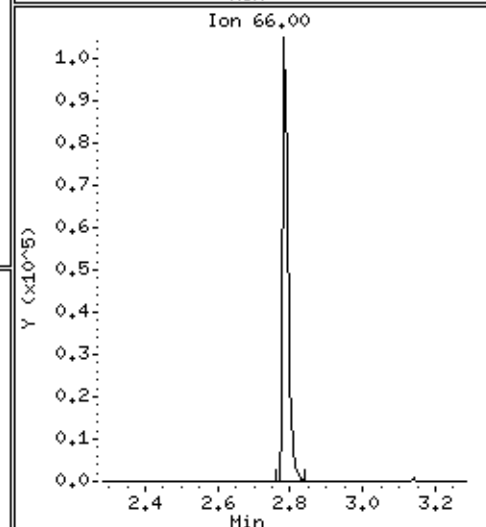
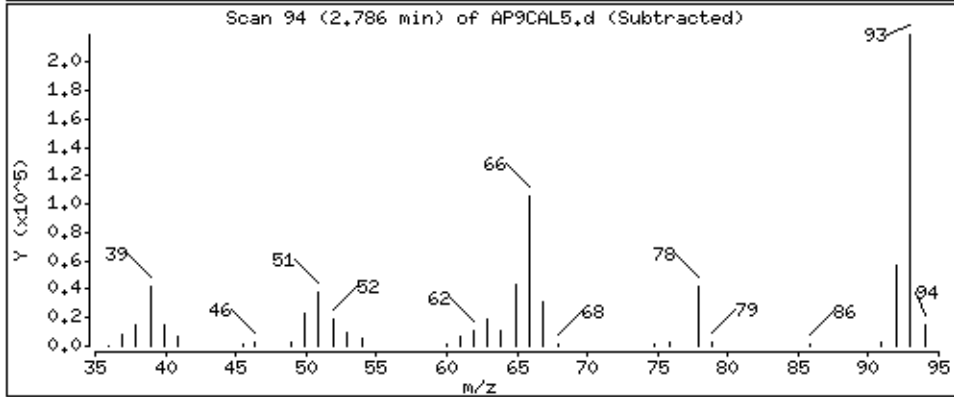
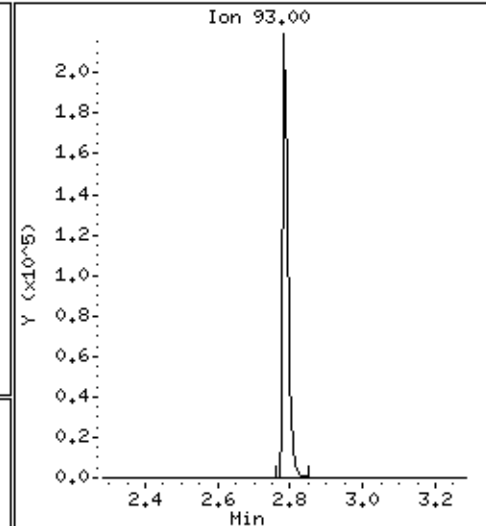
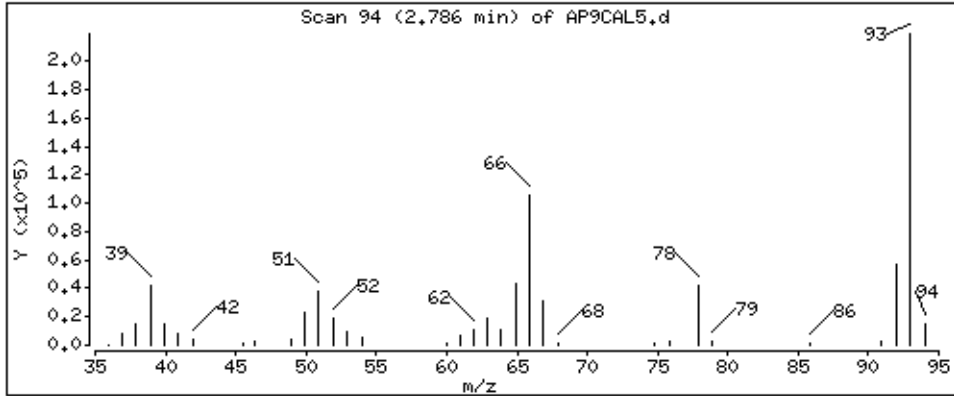
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

3 2- Picoline

Concentration: 59,4 ug/kg



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

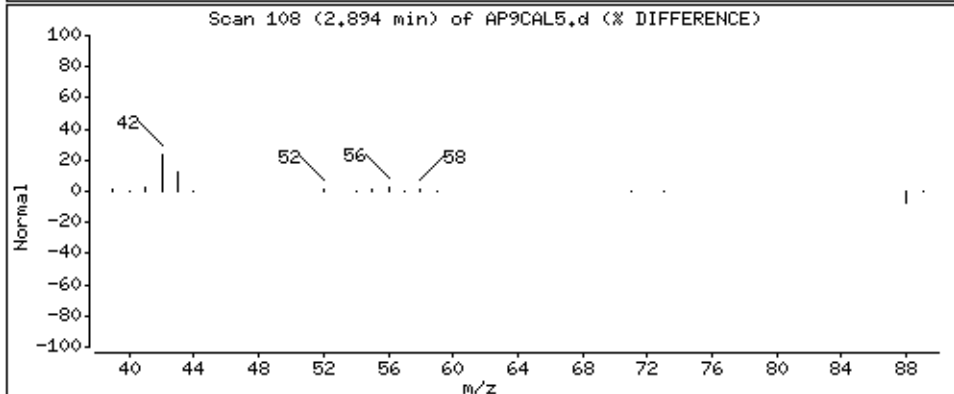
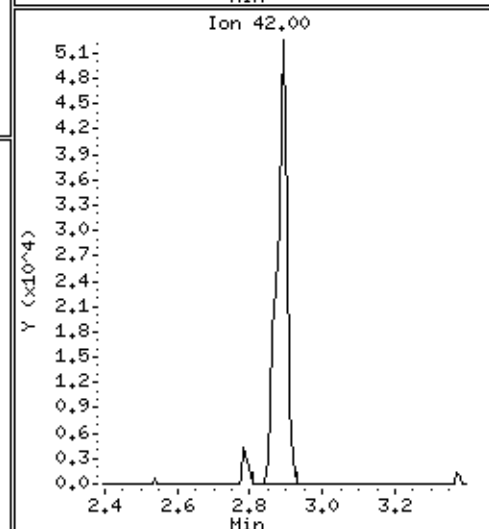
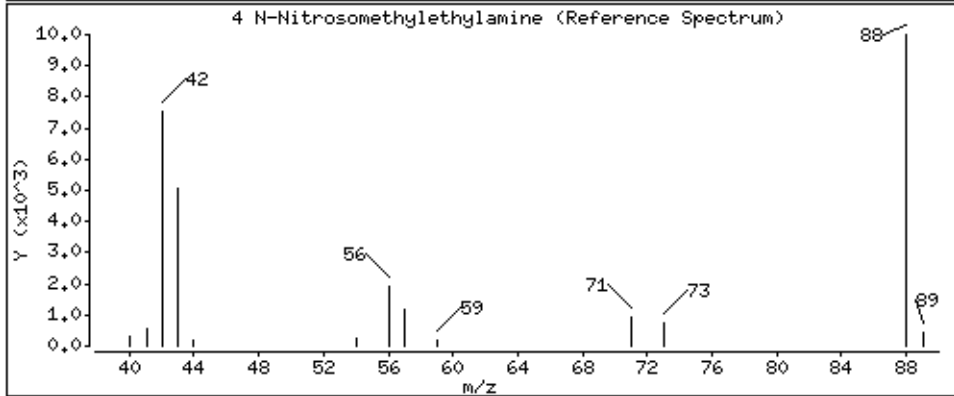
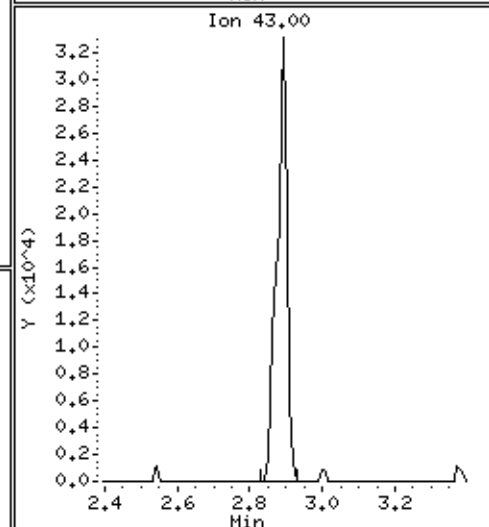
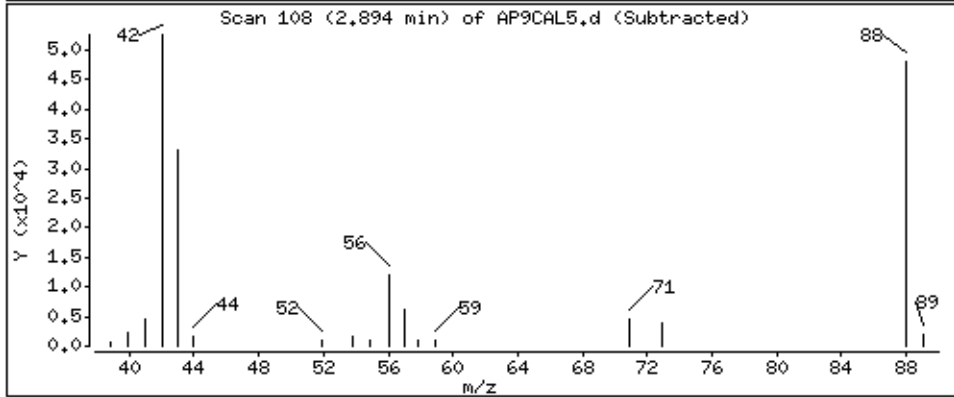
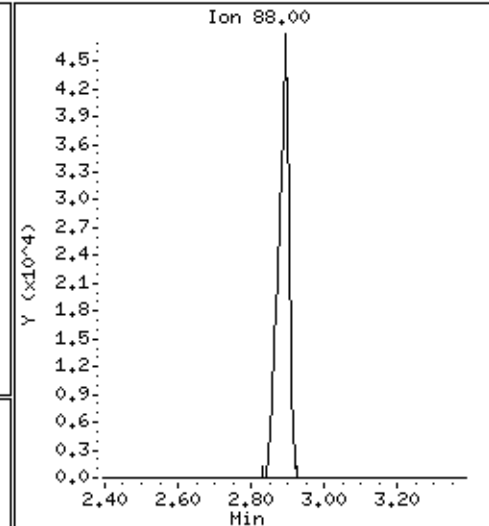
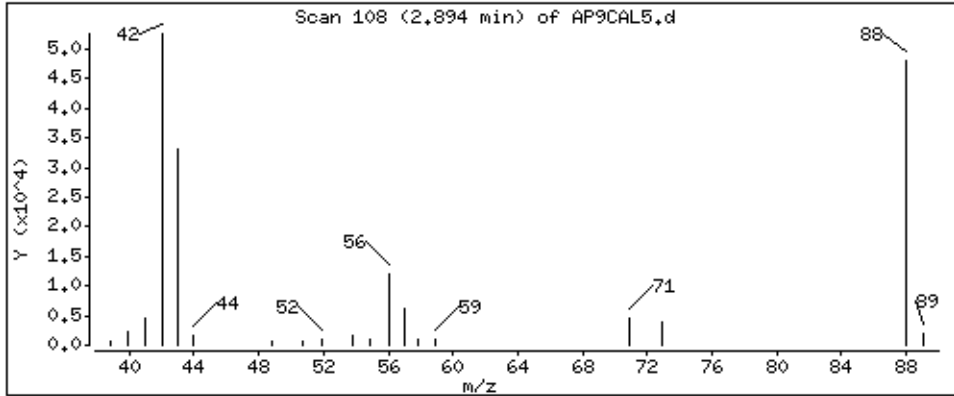
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

4 N-Nitrosomethylethylamine

Concentration: 59,2 ug/kg





Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

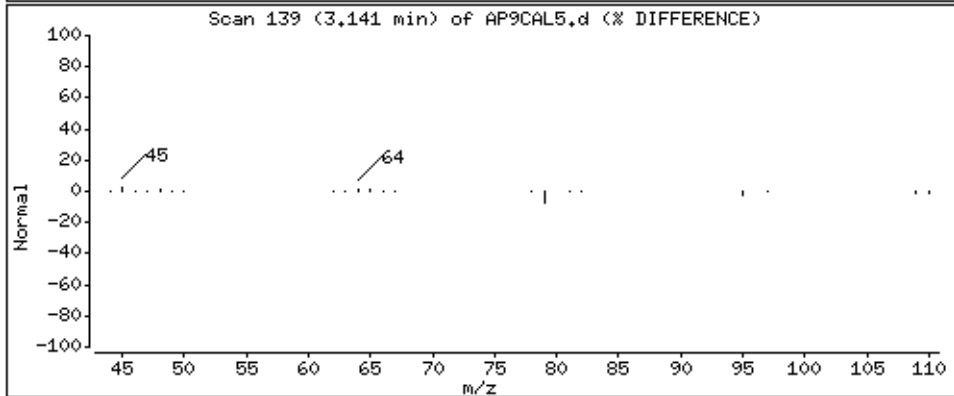
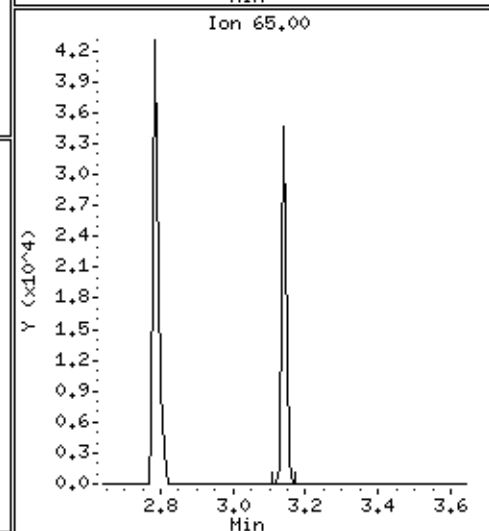
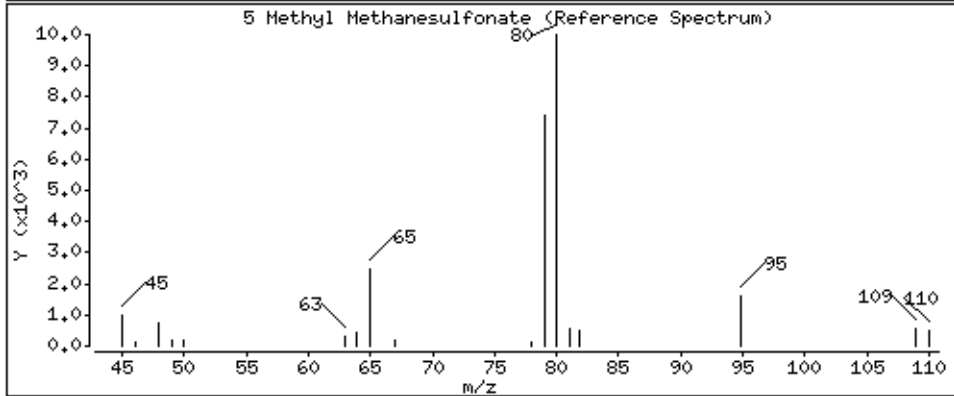
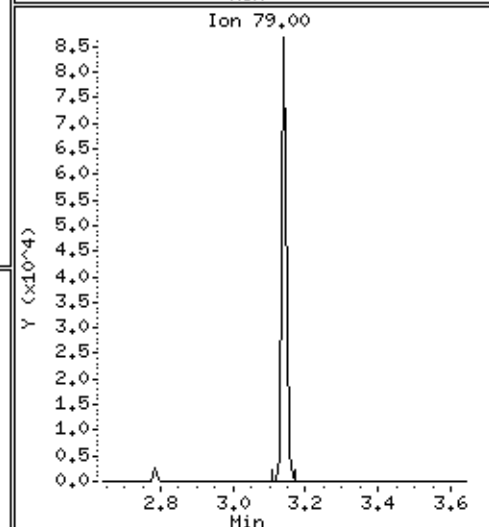
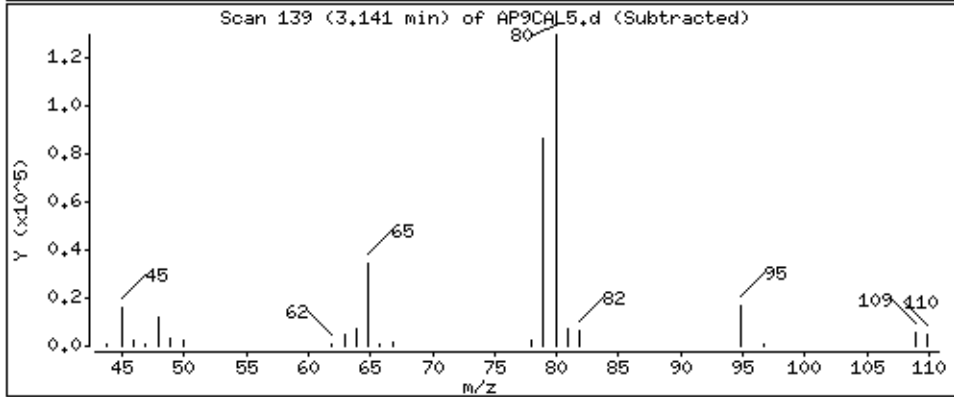
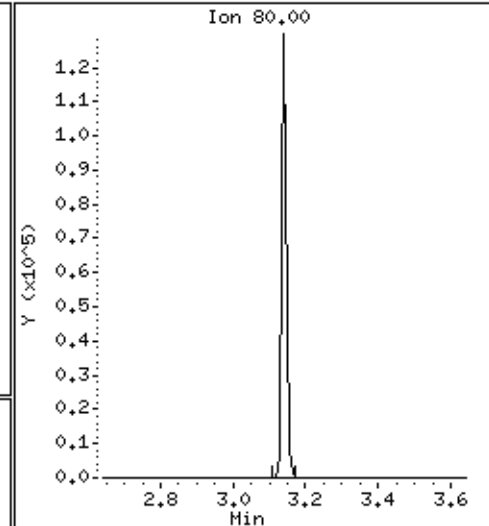
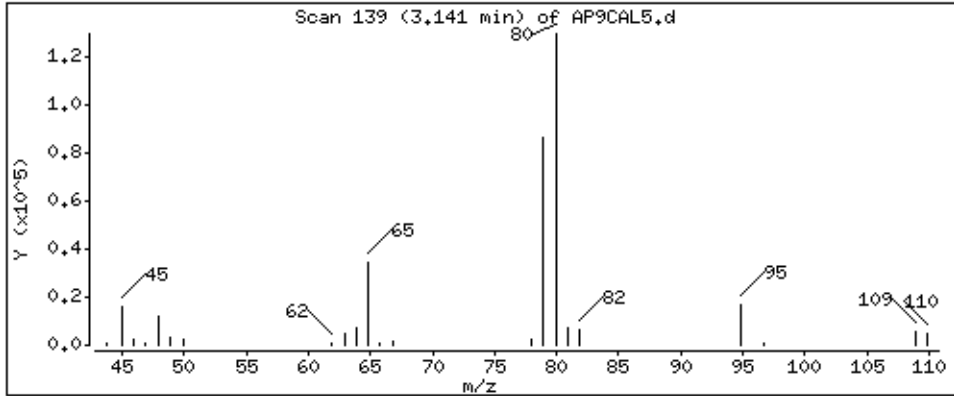
Operator: MJ

Column phase: HPMS-5

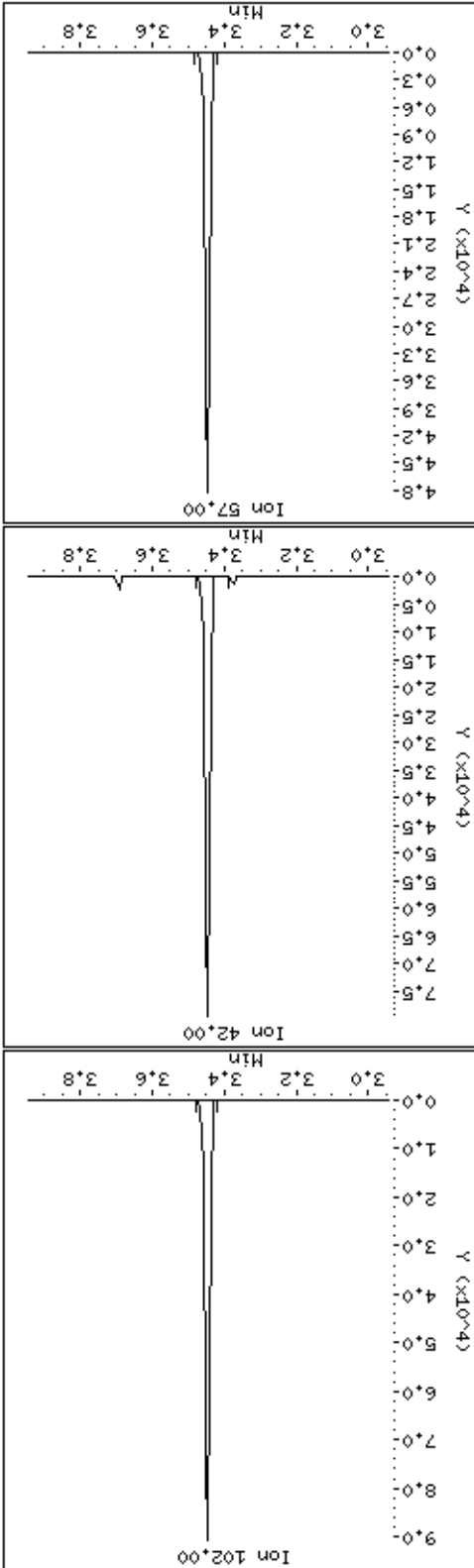
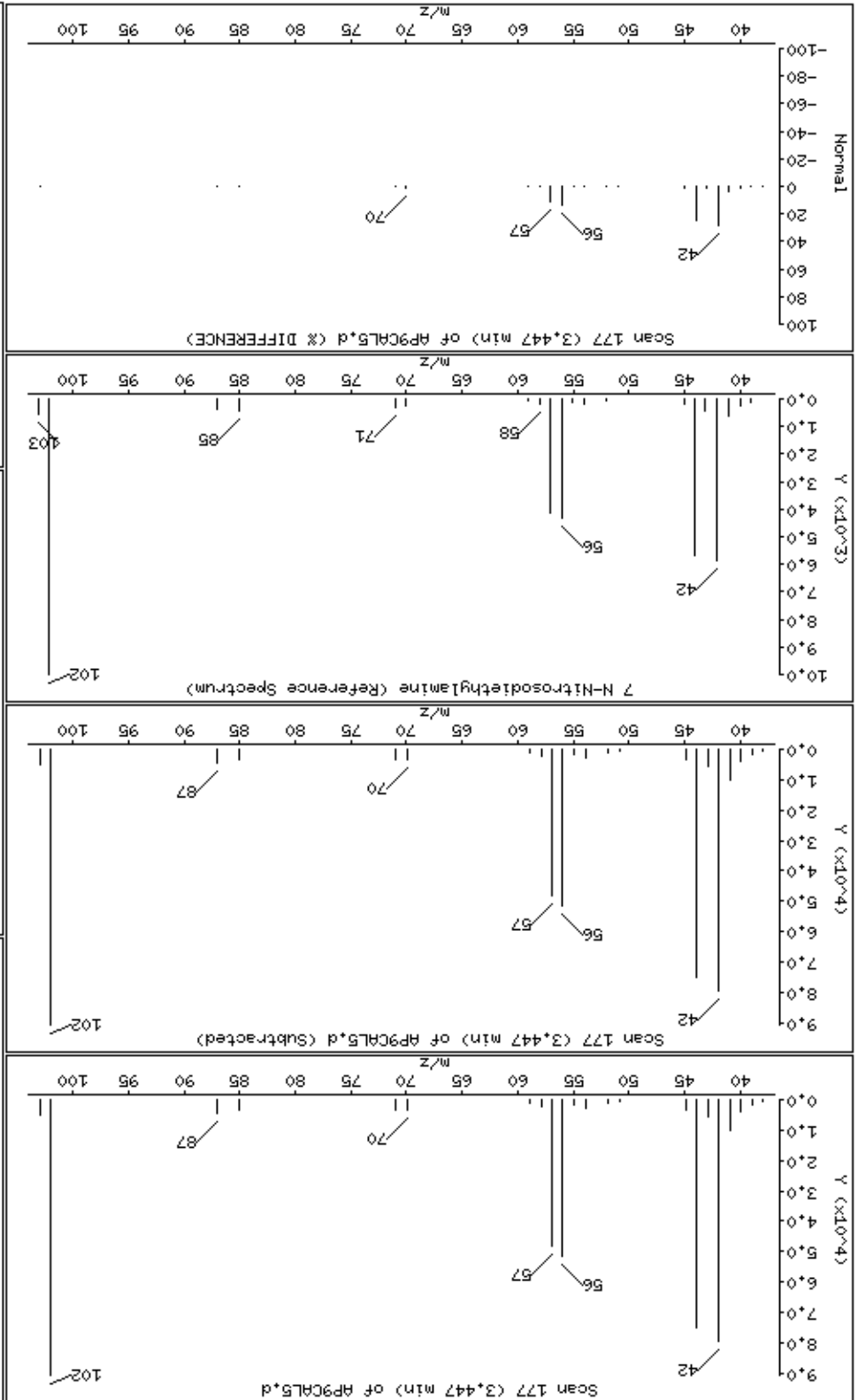
Column diameter: 0,25

5 Methyl Methanesulfonate

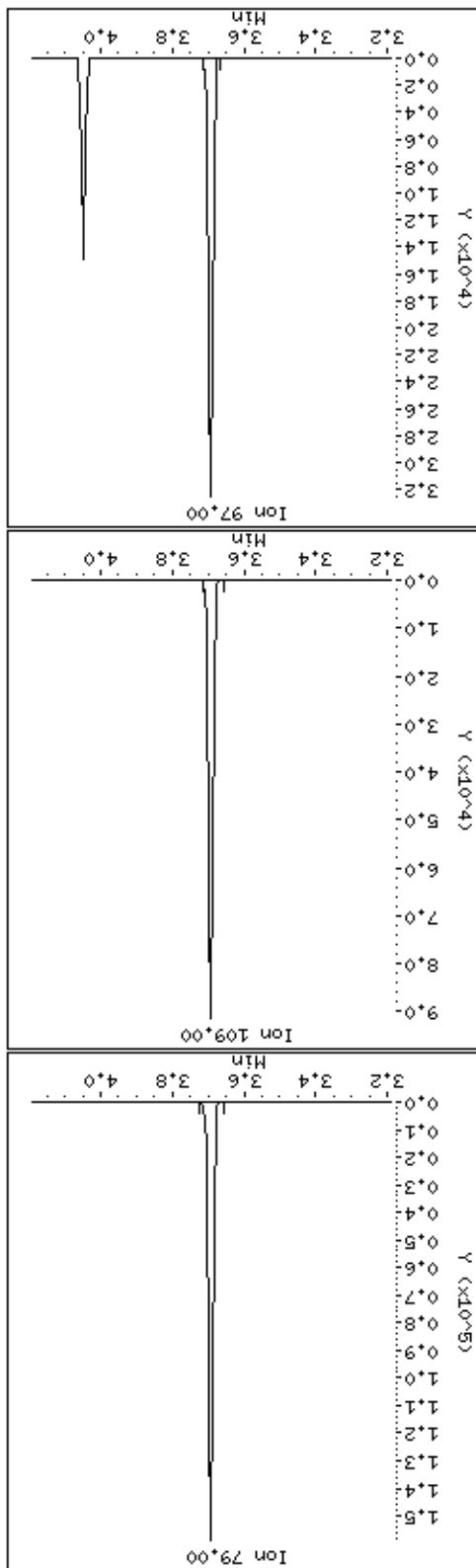
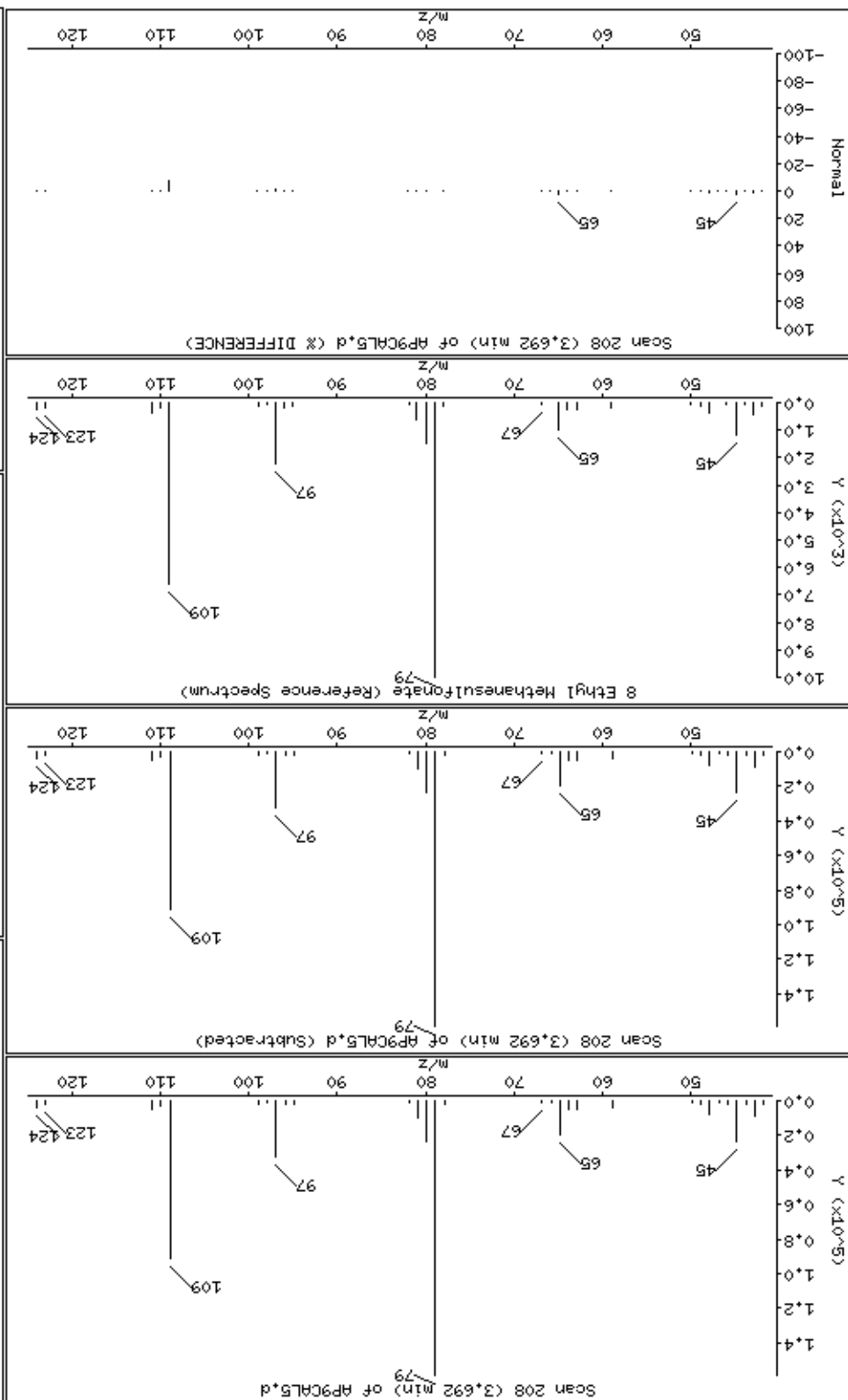
Concentration: 58,1 ug/kg



7-N-Nitrosodietylethylamine



8 Ethyl Methanesulfonate



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Sample Info: 47935

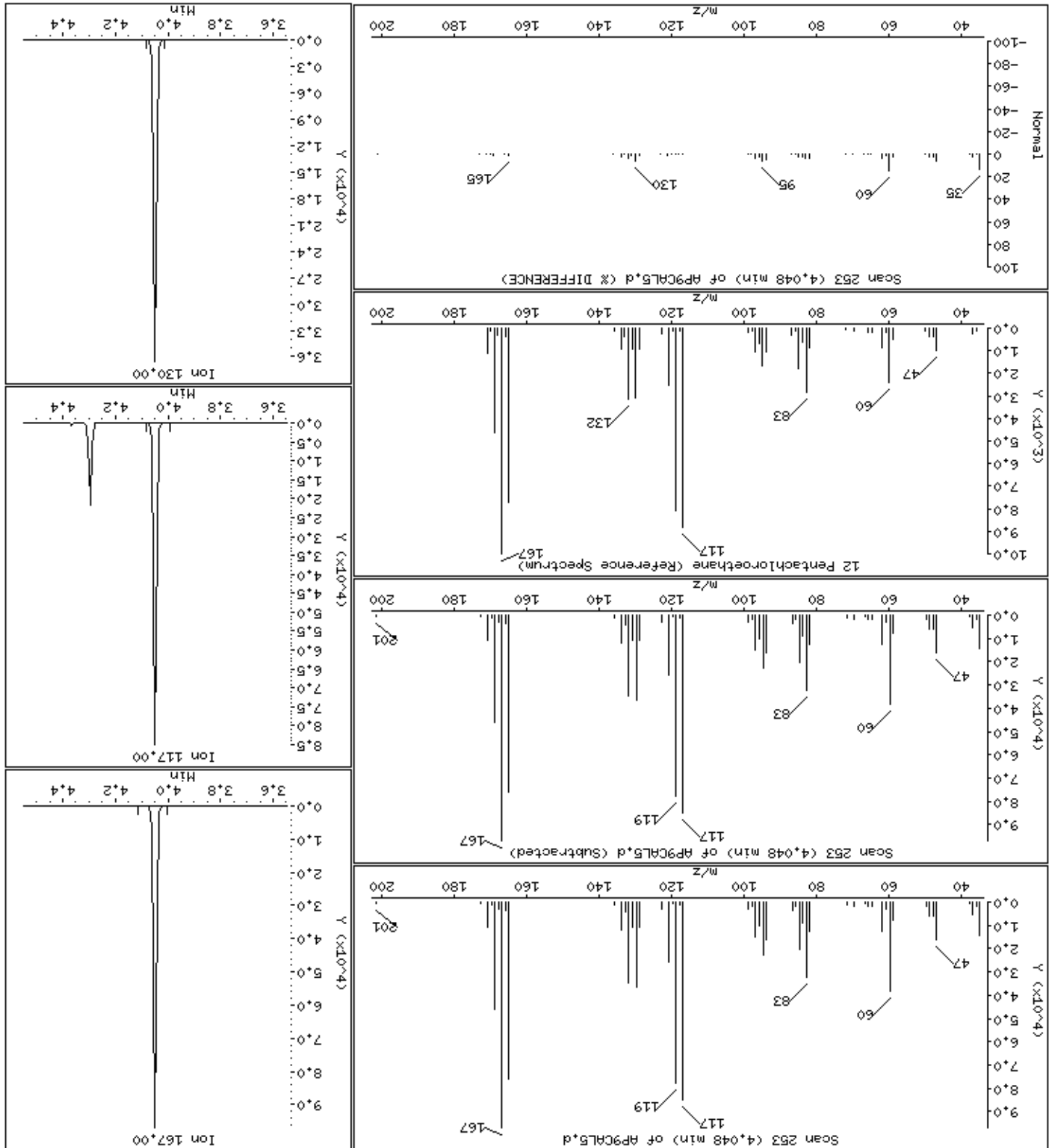
Operator: MJ

Column diameter: 0.25

Concentration: 60.3 ug/kg

Instrument: smsd04.i

Data File: \\Svevod04\DD\chem\smsd04\15411145cal1b\AP9CAL5.d



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Sample Info: 47935

Operator: MJ

Column diameter: 0.25

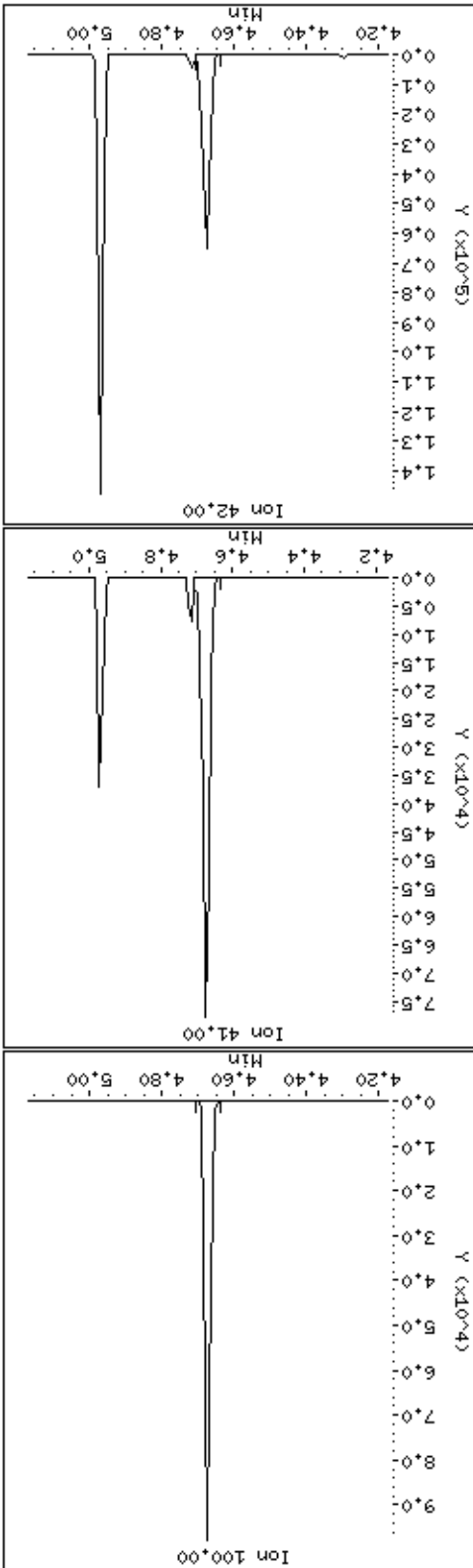
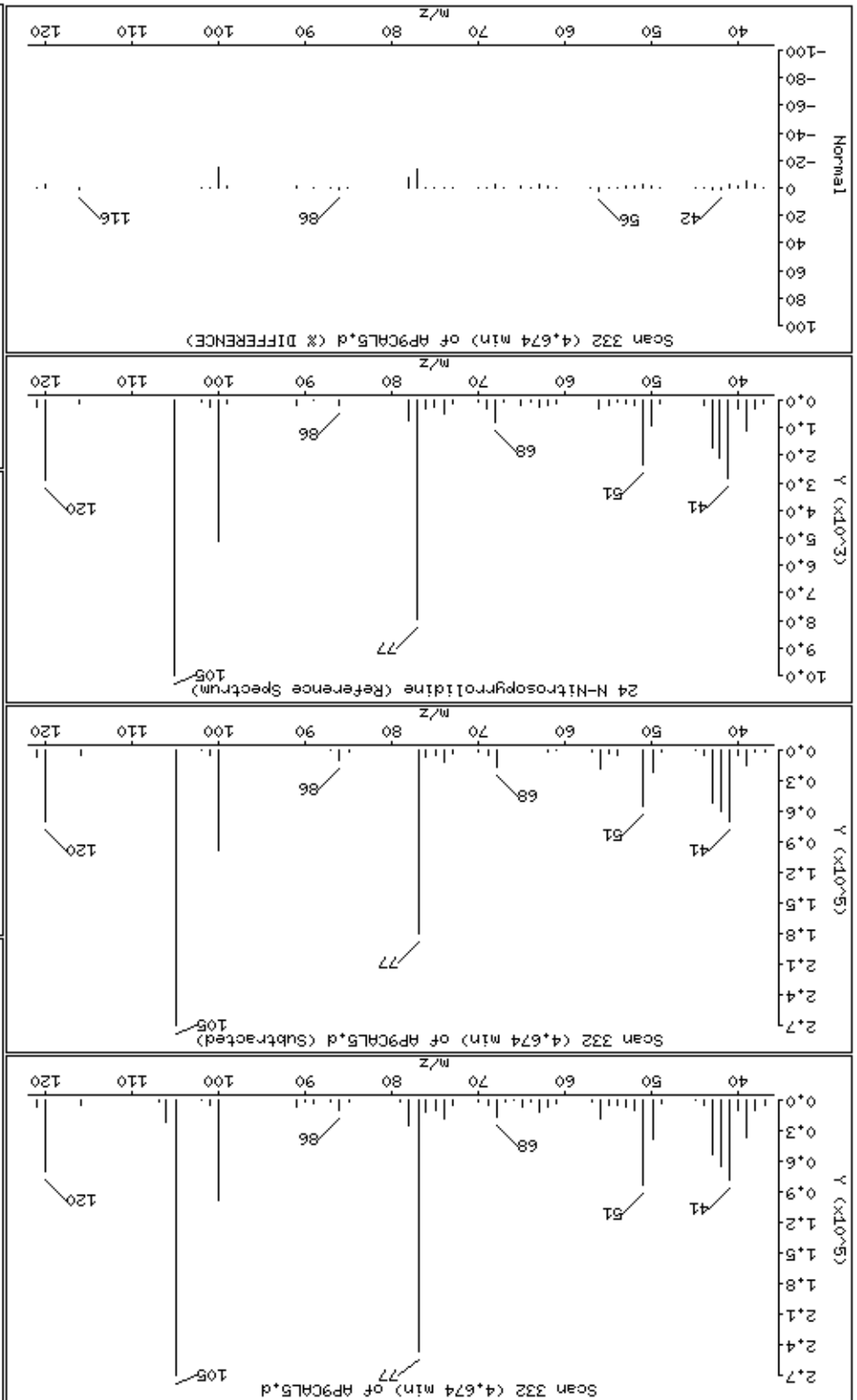
Concentration: 60.2 ug/kg

Instrument: smsd04.i

Data File: \\Svevod04\DD\chem\smsd04\15411145sc01.B\AP9CAL5.d

24-Nitrosopyrrolidine

Column phase: HPMS-5



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

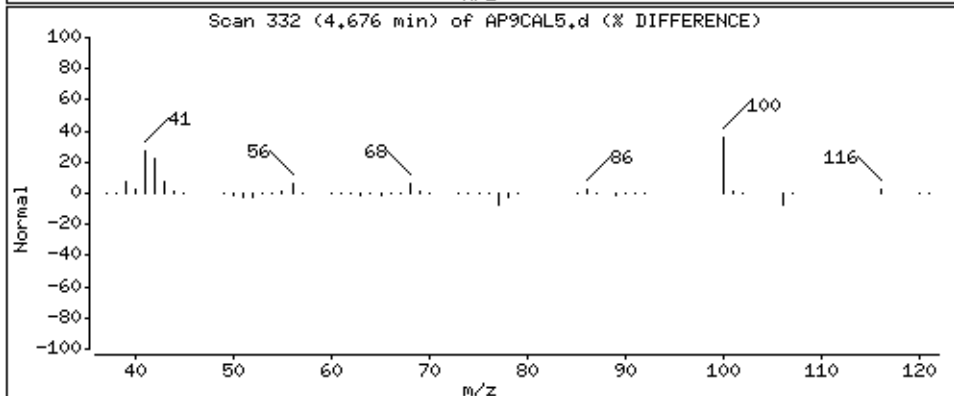
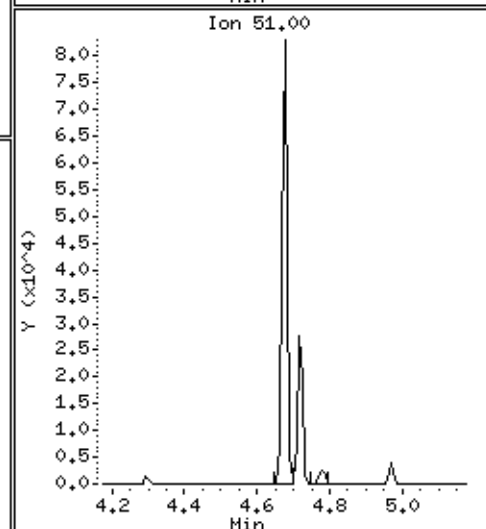
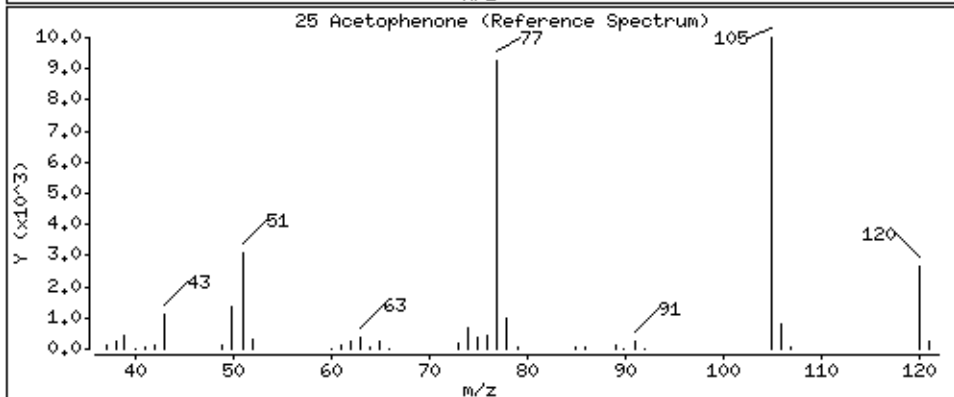
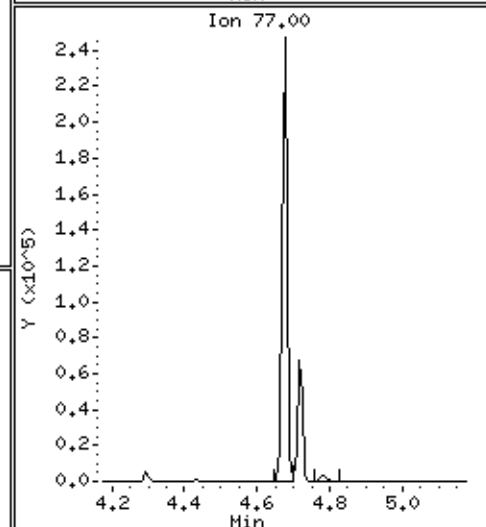
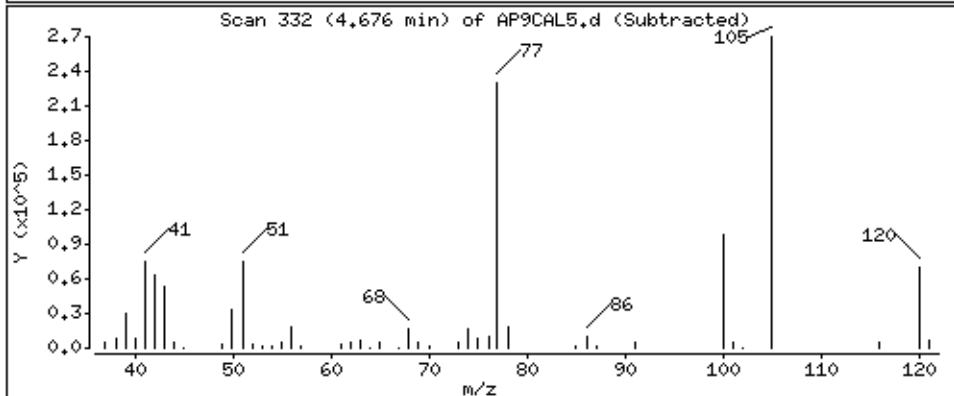
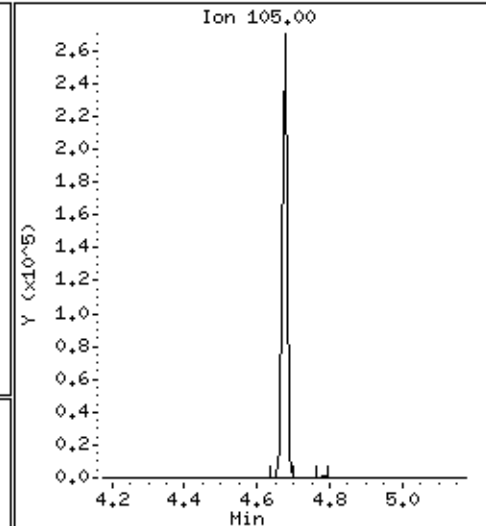
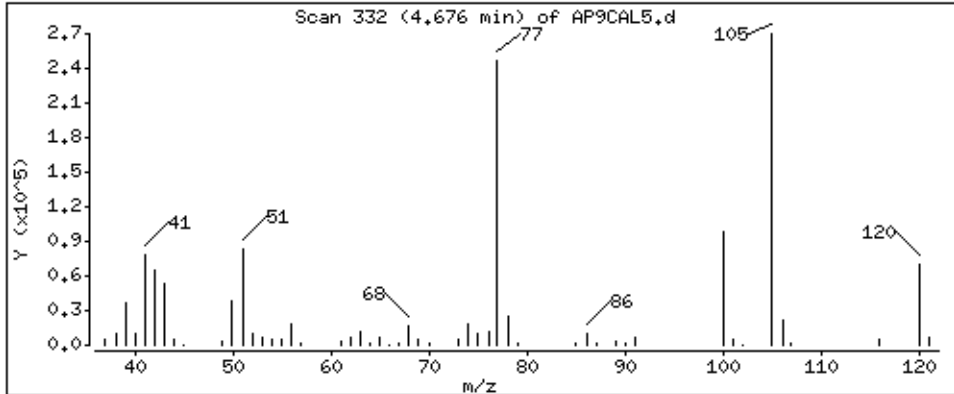
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

25 Acetophenone

Concentration: 58,8 ug/kg



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

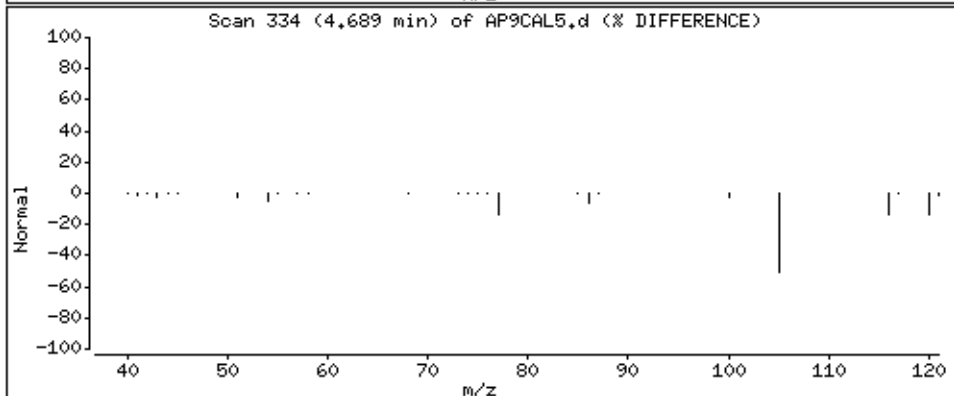
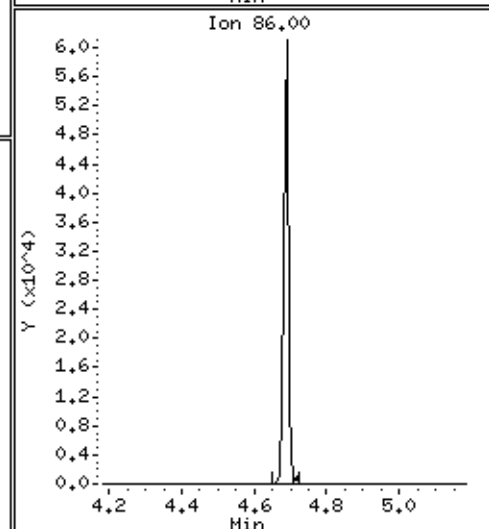
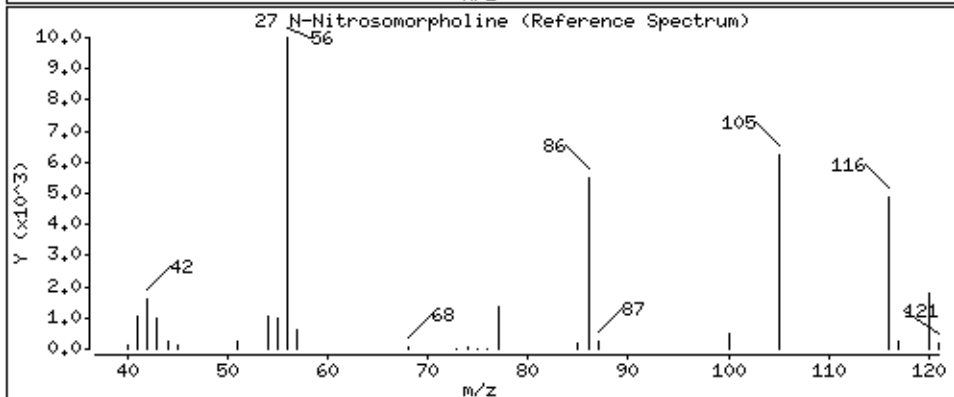
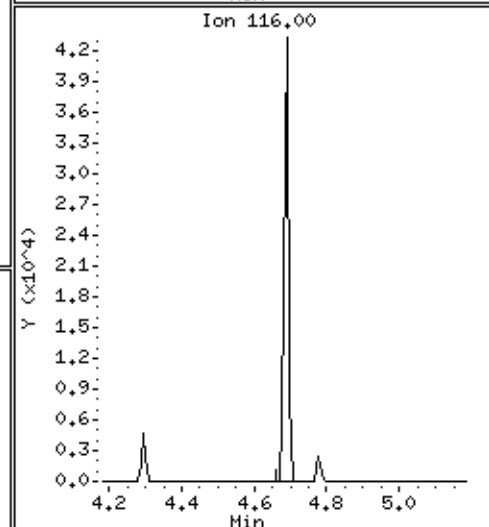
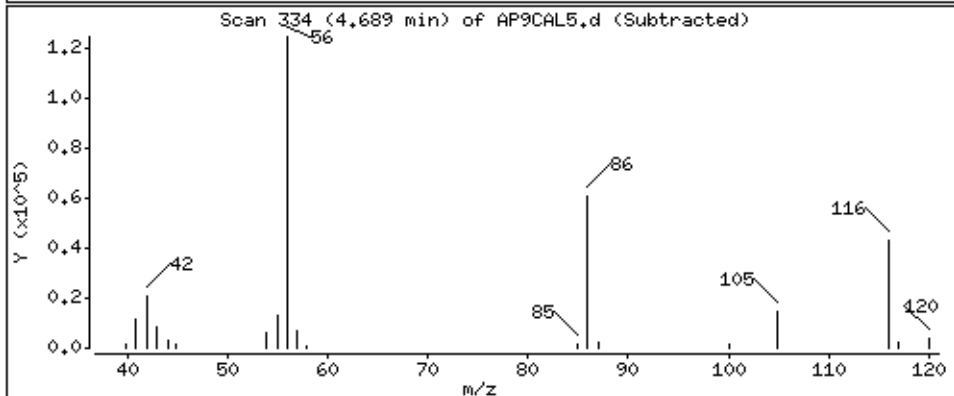
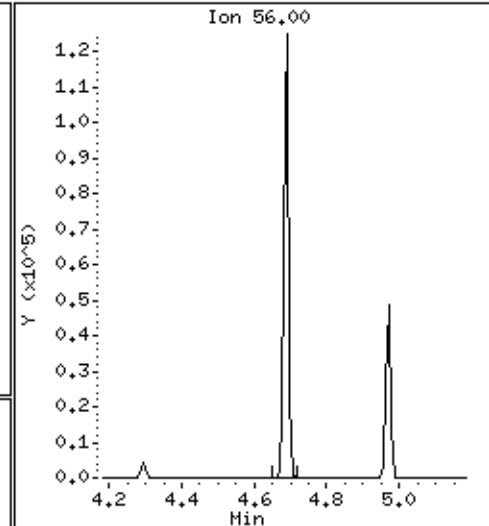
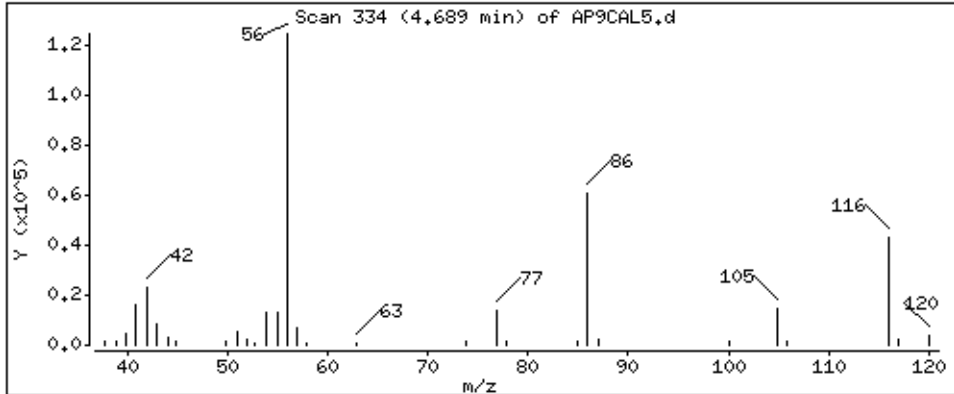
Operator: MJ

Column phase: HPMS-5

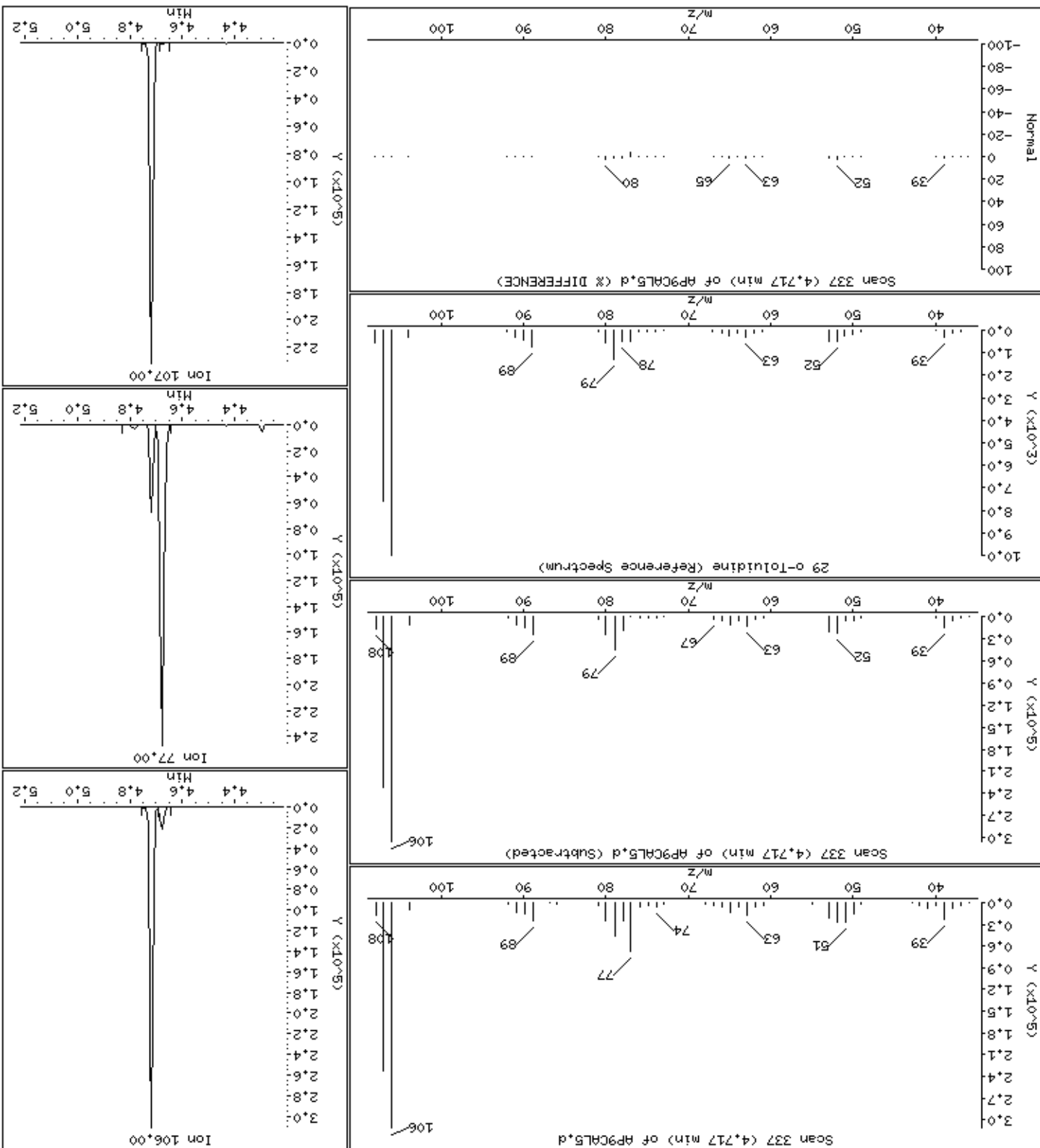
Column diameter: 0,25

27 N-Nitrosomorpholine

Concentration: 58,6 ug/kg



29-o-Toluidine





Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

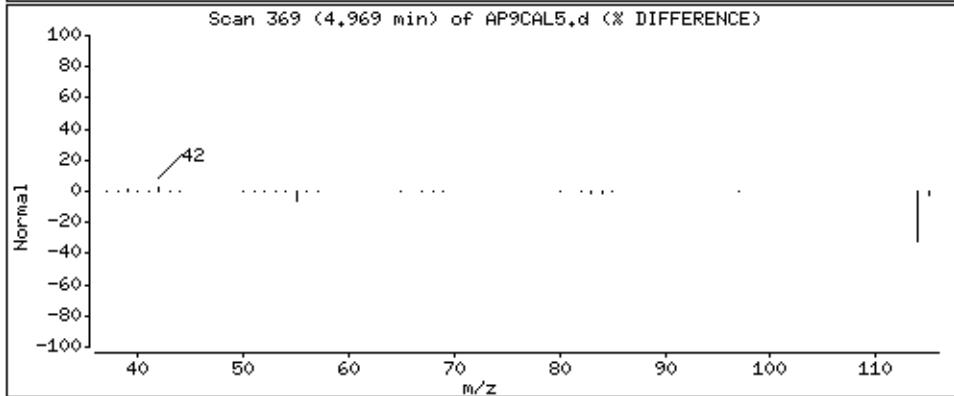
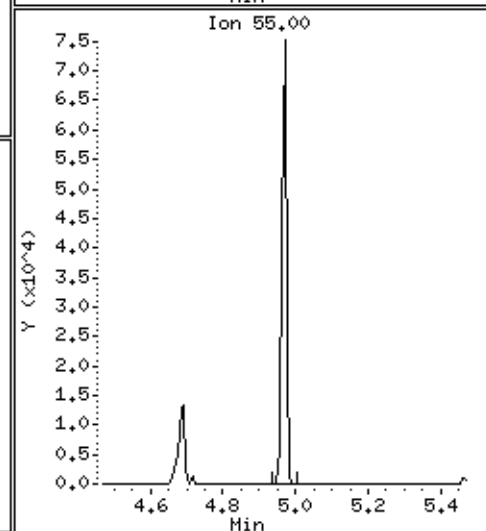
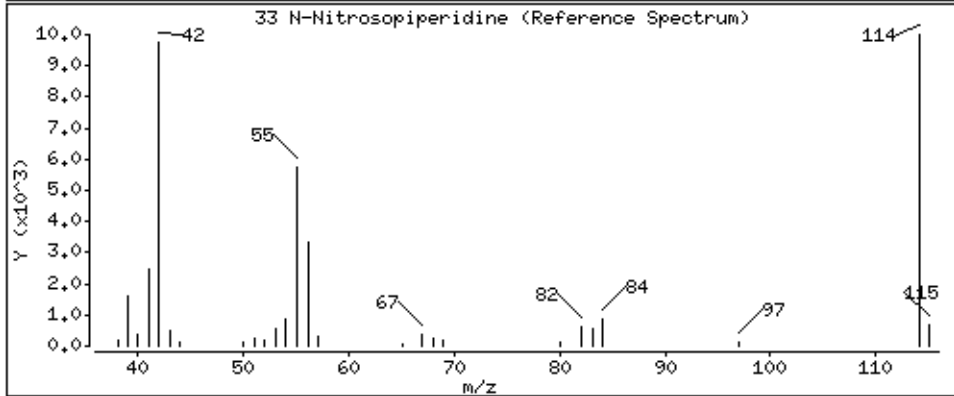
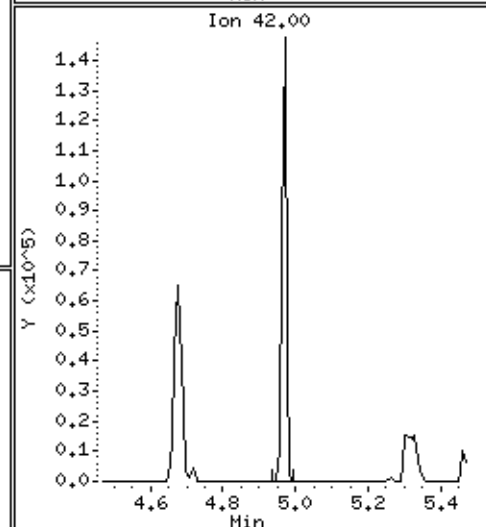
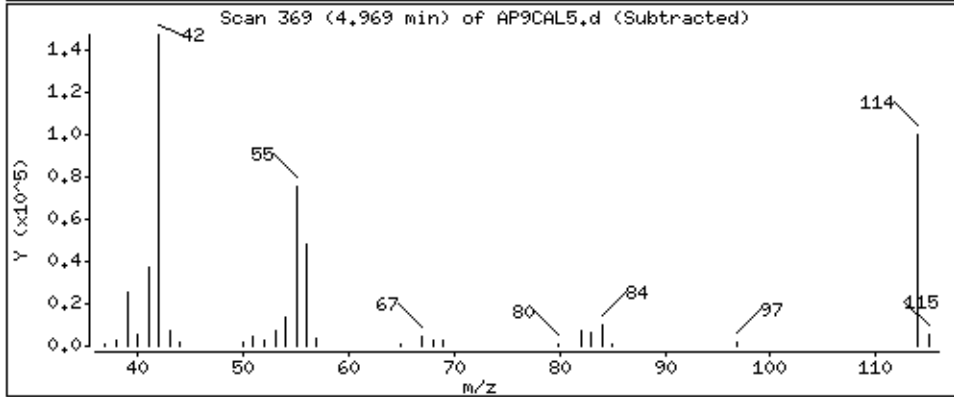
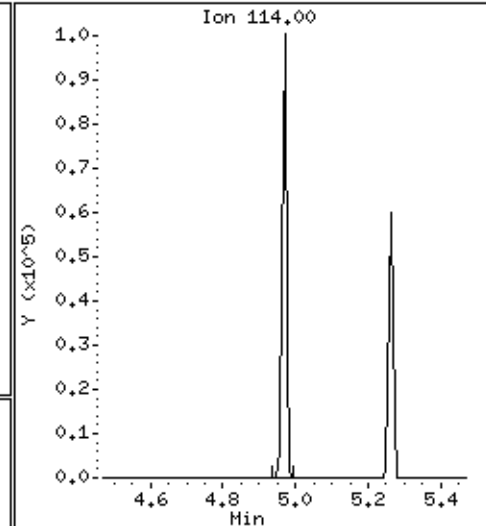
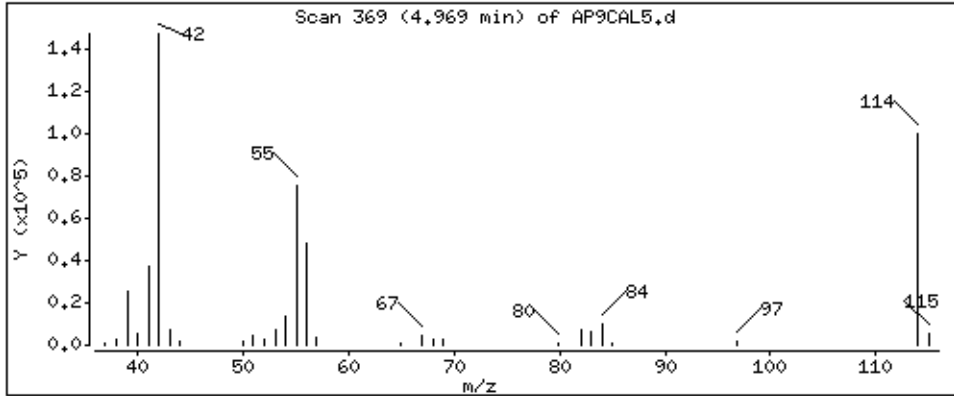
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

33 N-Nitrosopiperidine

Concentration: 61,0 ug/kg



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

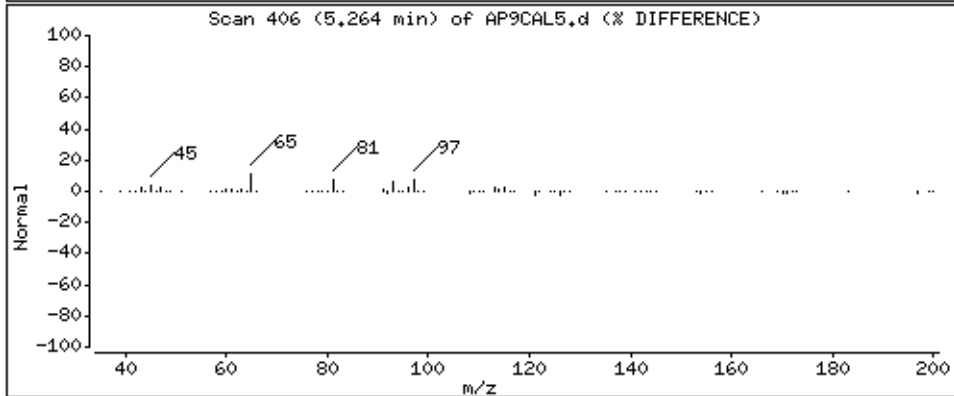
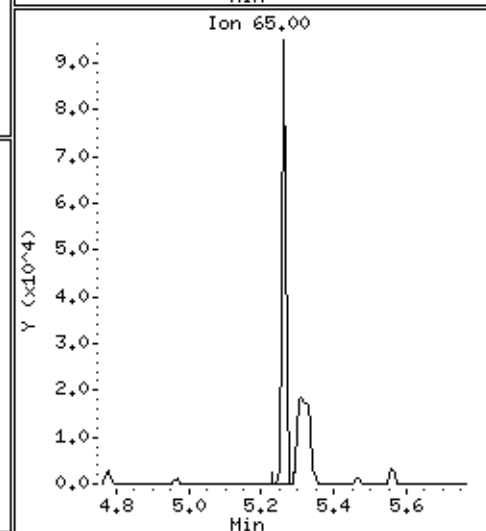
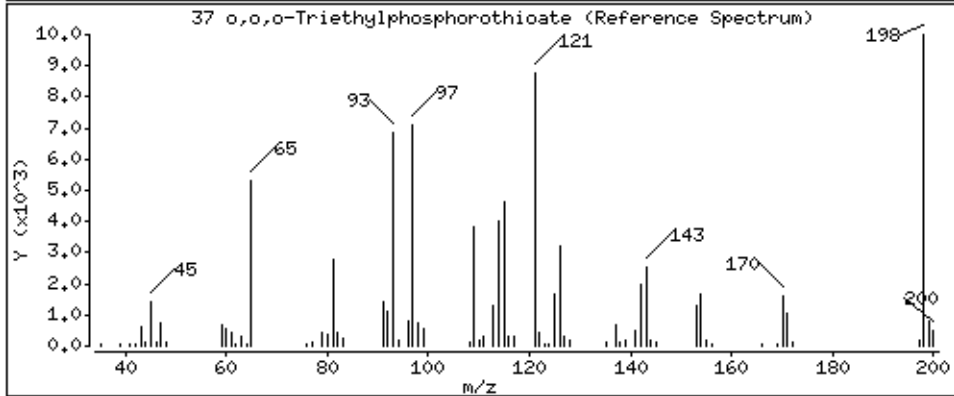
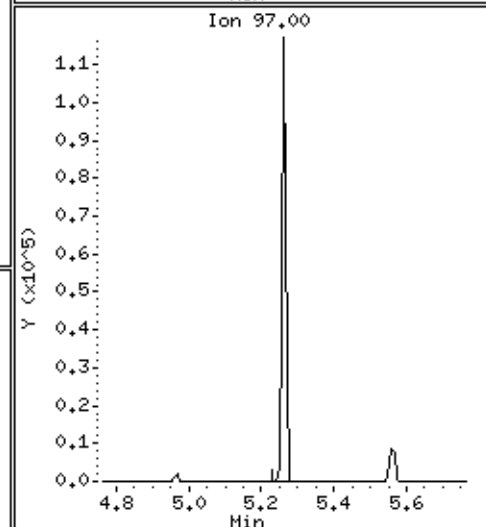
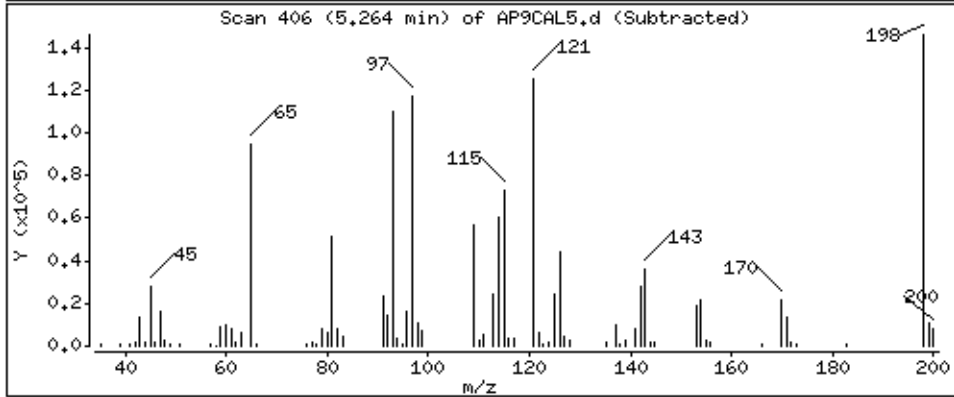
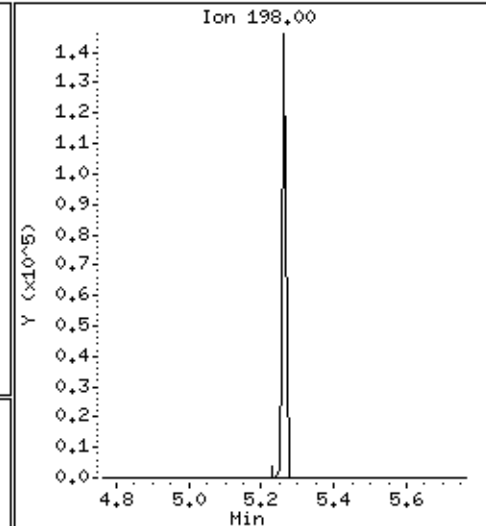
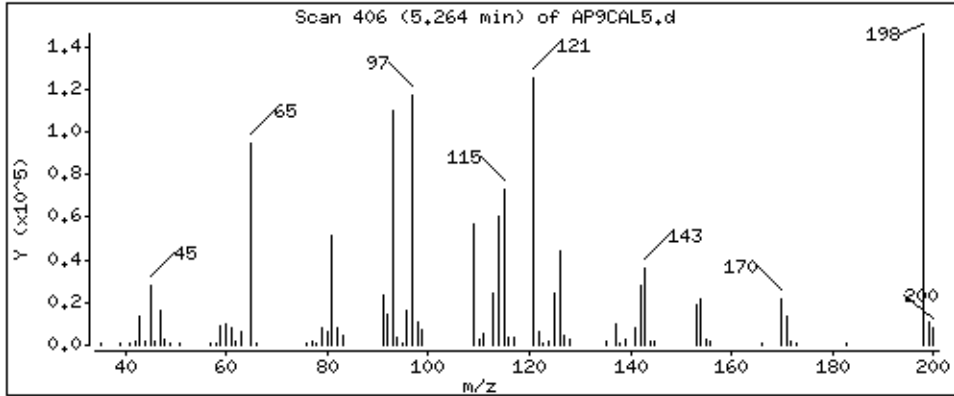
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

37 o,o,o-Triethylphosphorothioate

Concentration: 59,5 ug/kg



Date: 15-NOV-2012 10:07

Client ID: AP9CAL5

Sample Info: 47935

Operator: MJ

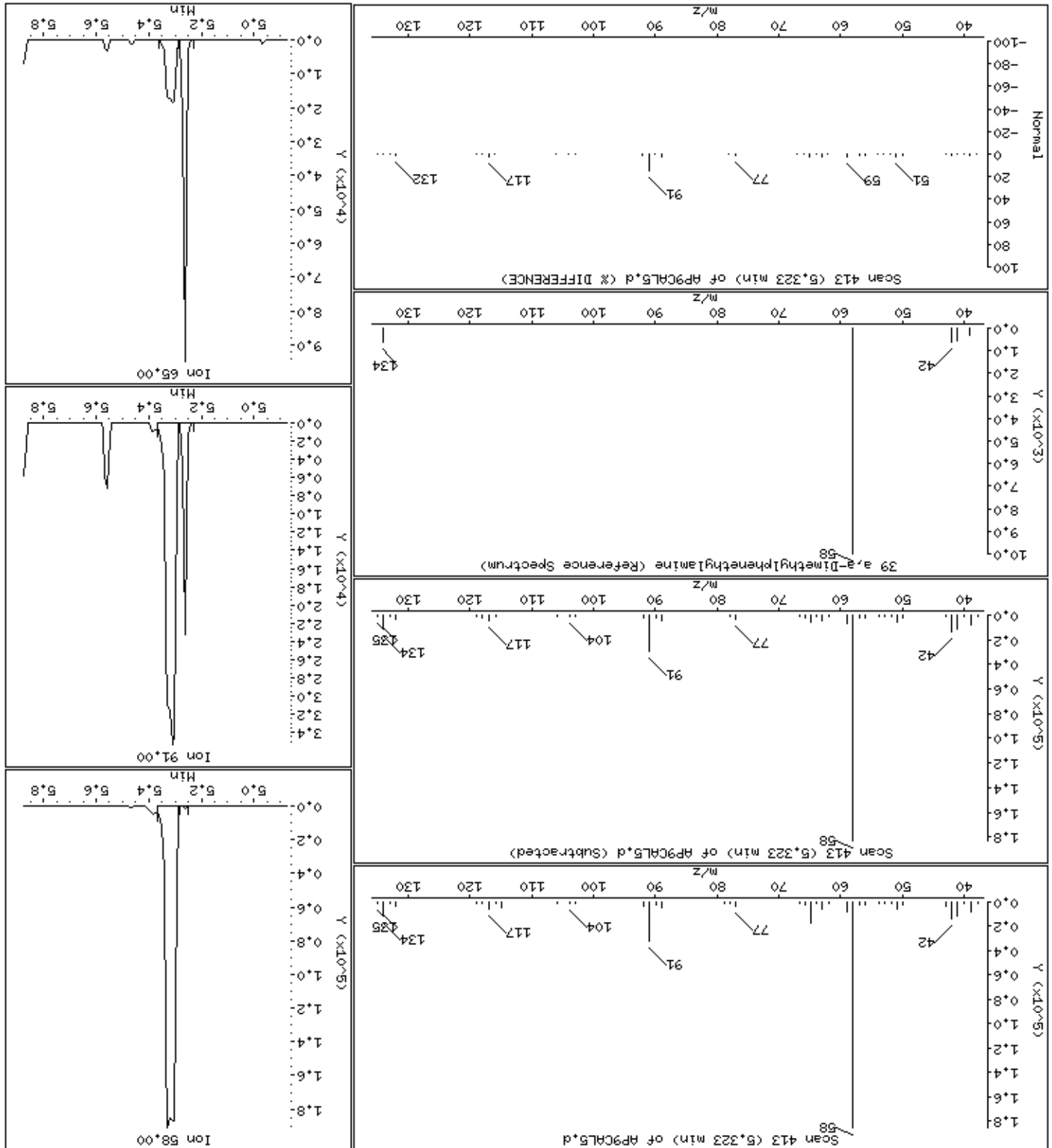
Column diameter: 0.25

Concentration: 62.3 ug/kg

Instrument: smsd04.1

39 a,a-Dimethylphenethylamine

Column phase: HPMS-5



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

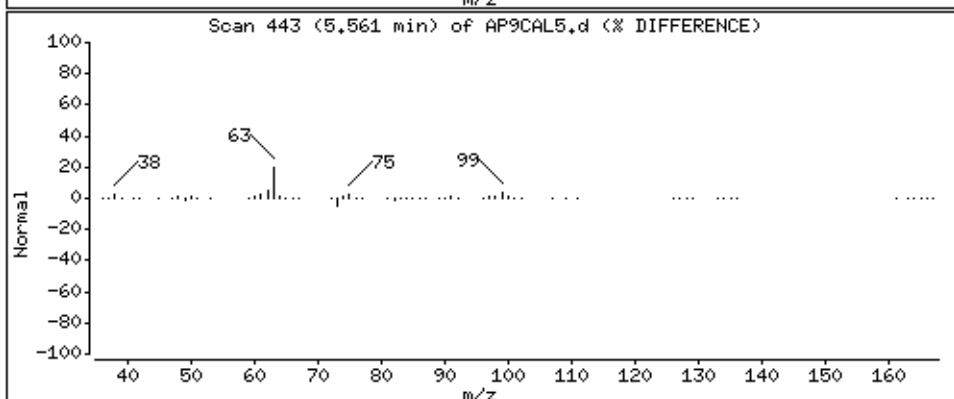
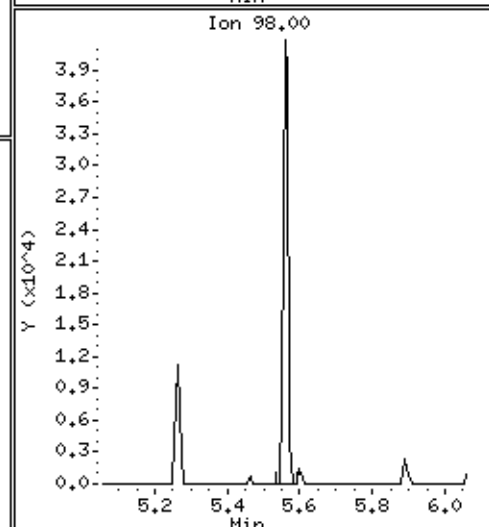
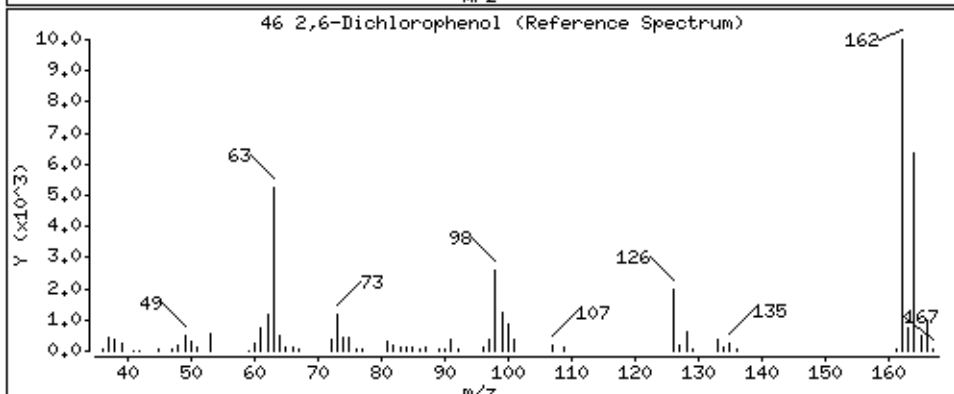
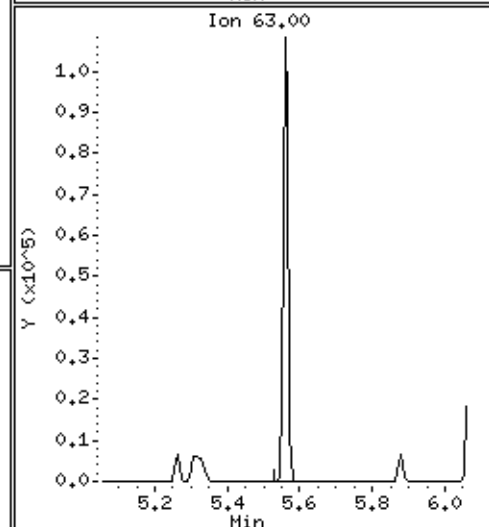
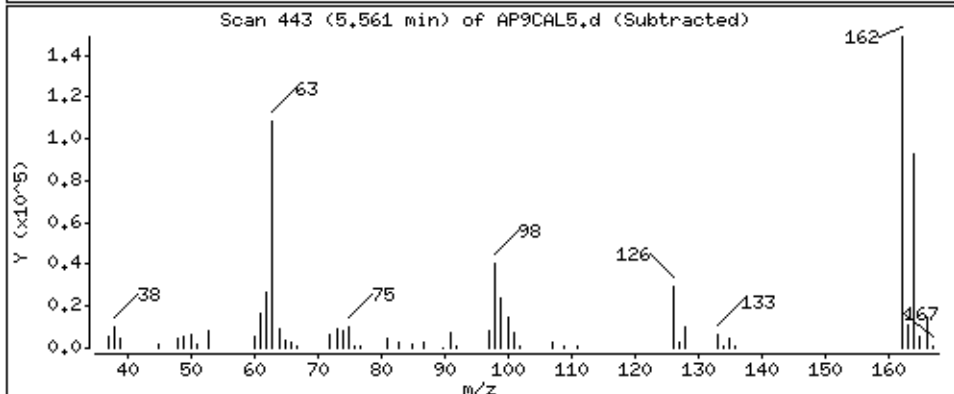
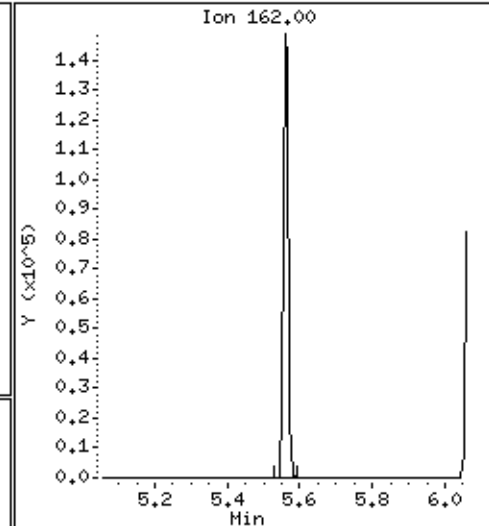
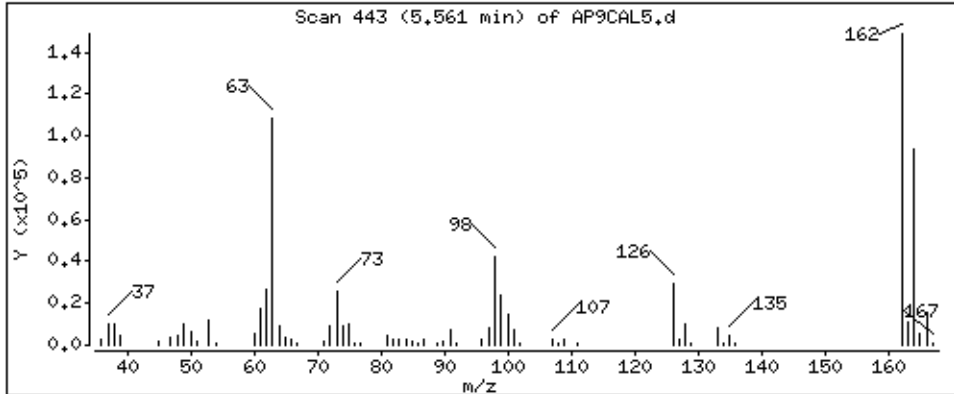
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

46 2,6-Dichlorophenol

Concentration: 61,9 ug/kg



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

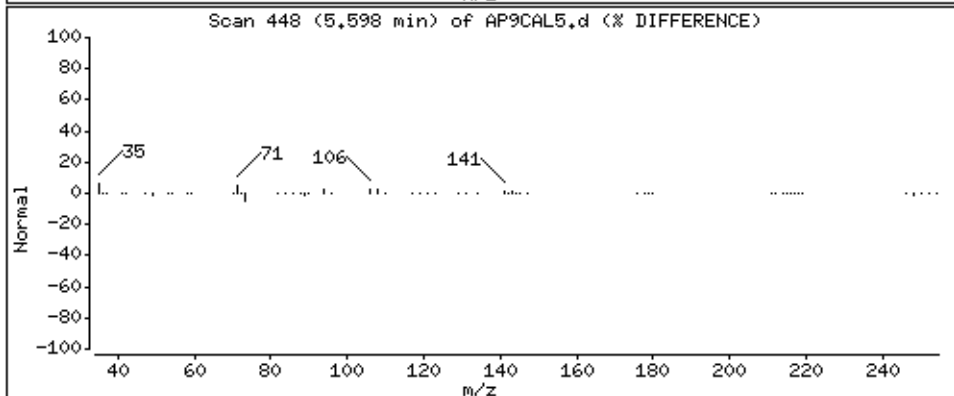
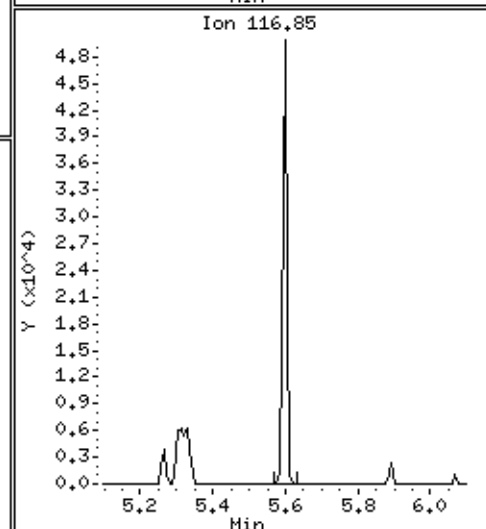
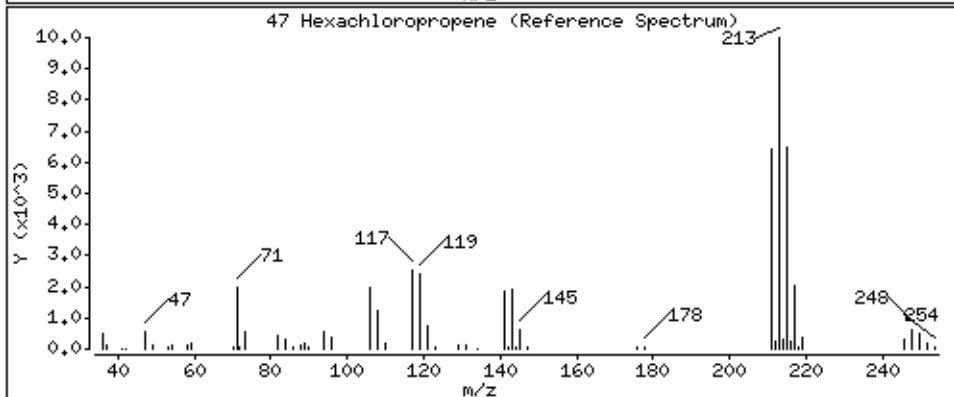
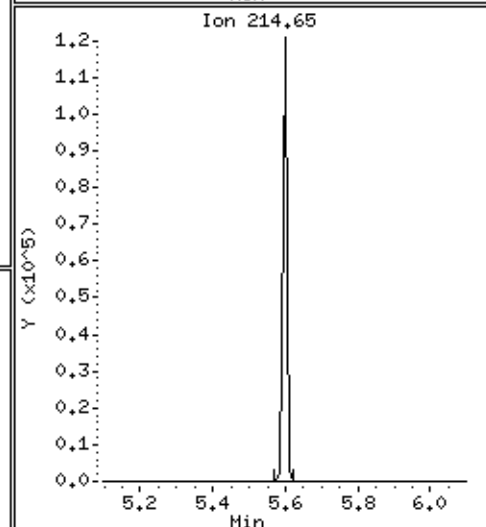
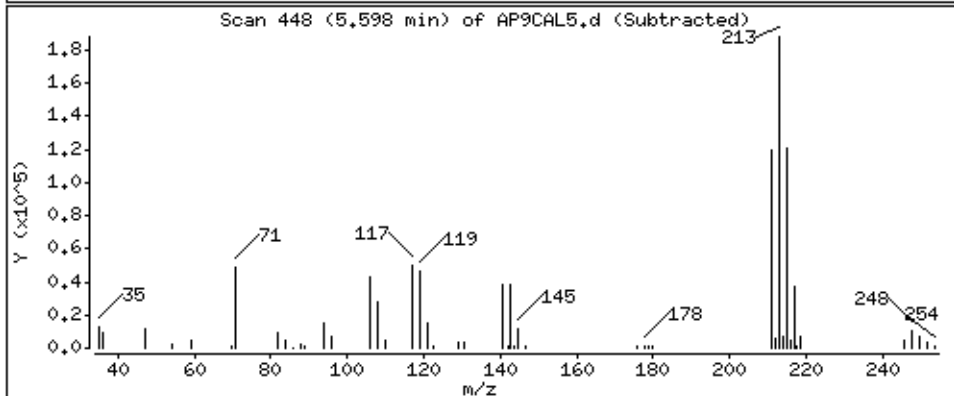
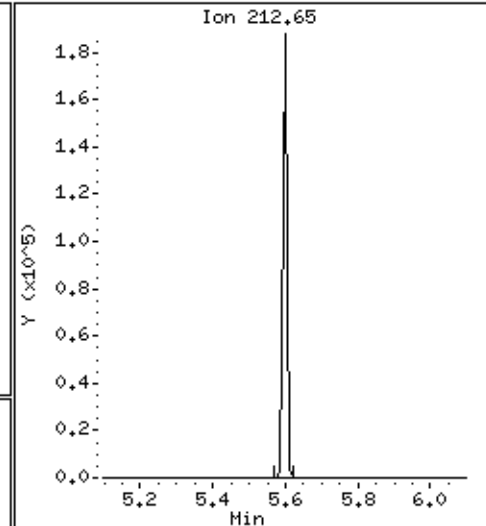
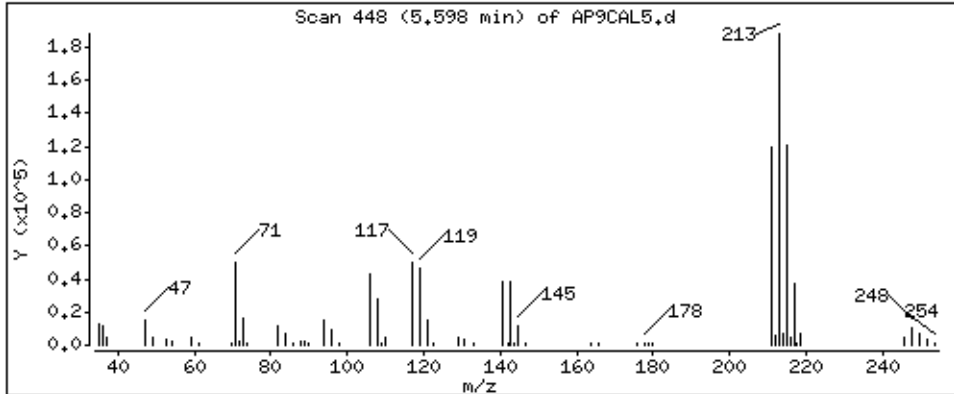
Operator: MJ

Column phase: HPMS-5

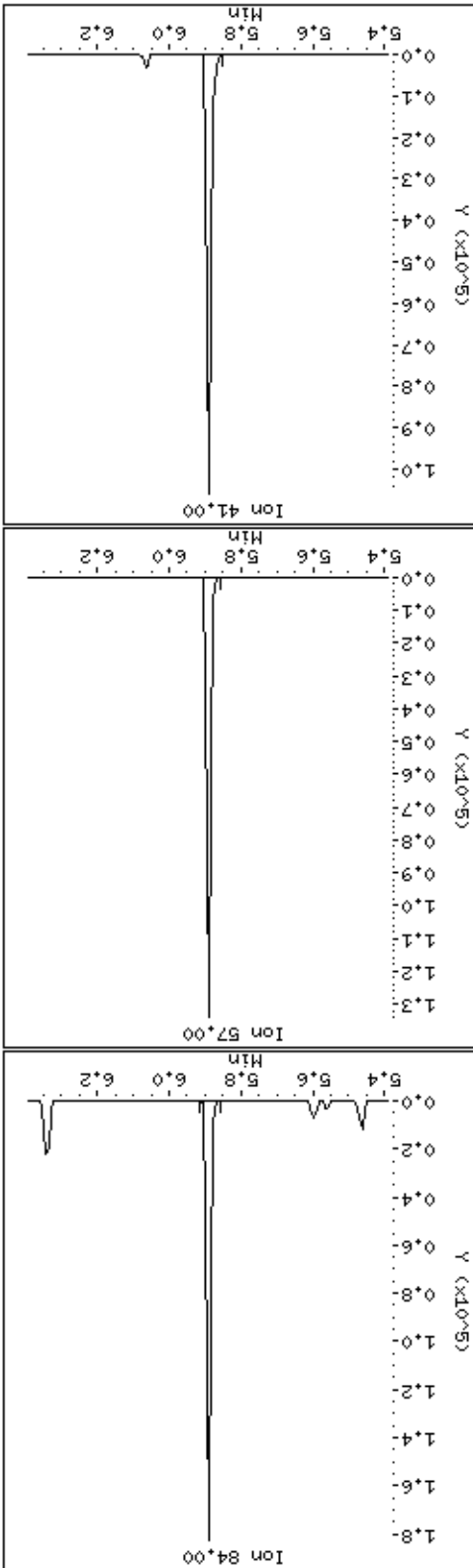
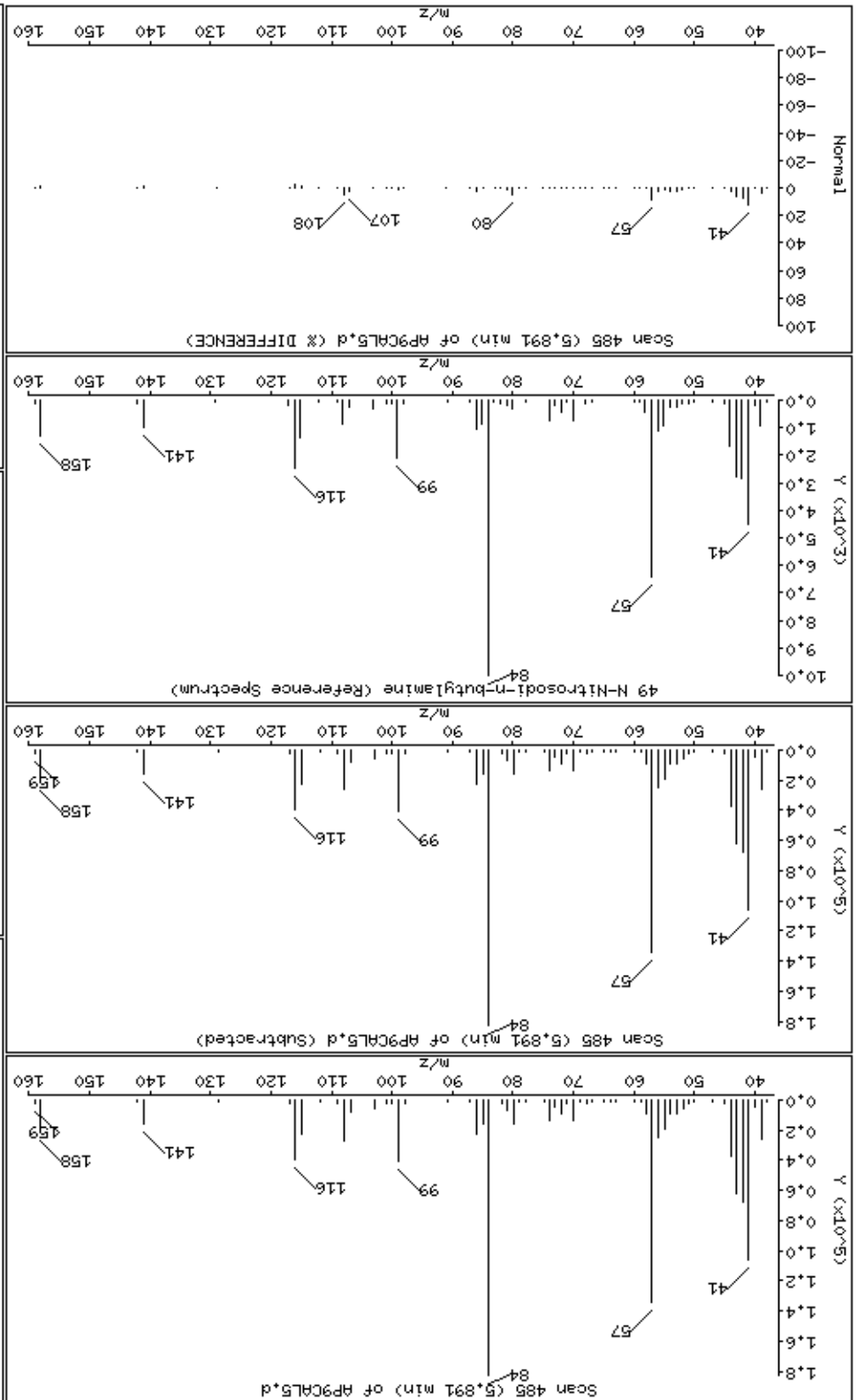
Column diameter: 0,25

47 Hexachloropropene

Concentration: 64,8 ug/kg



49 N-Nitrosodi-n-butylamine



Date: 15-NOV-2012 10:07

Client ID: AP9CAL5

Sample Info: 47935

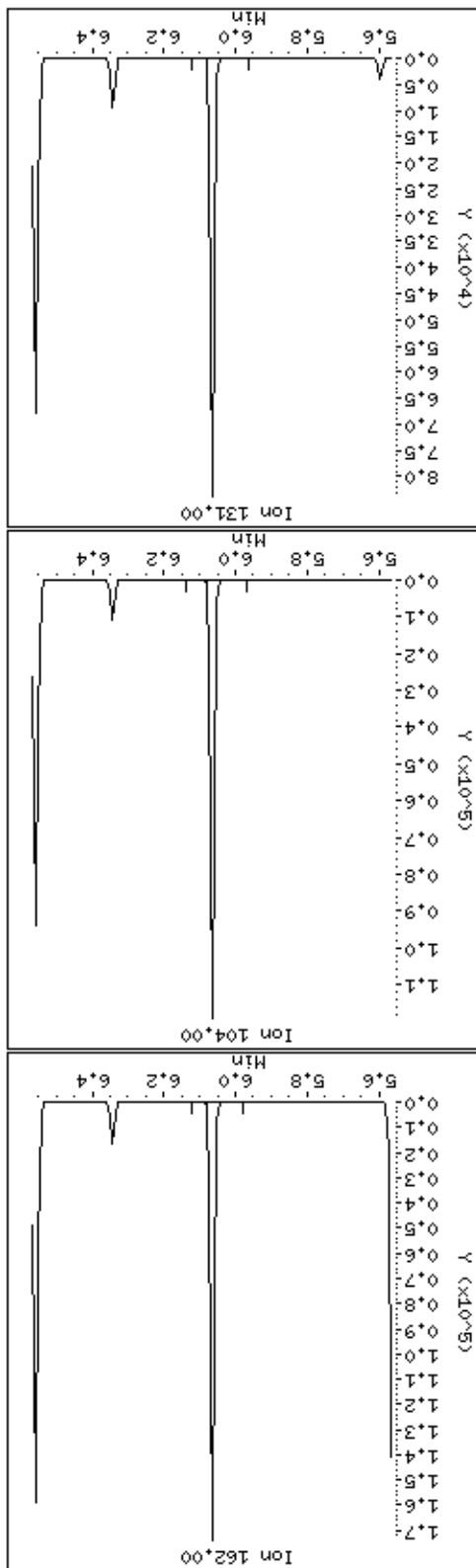
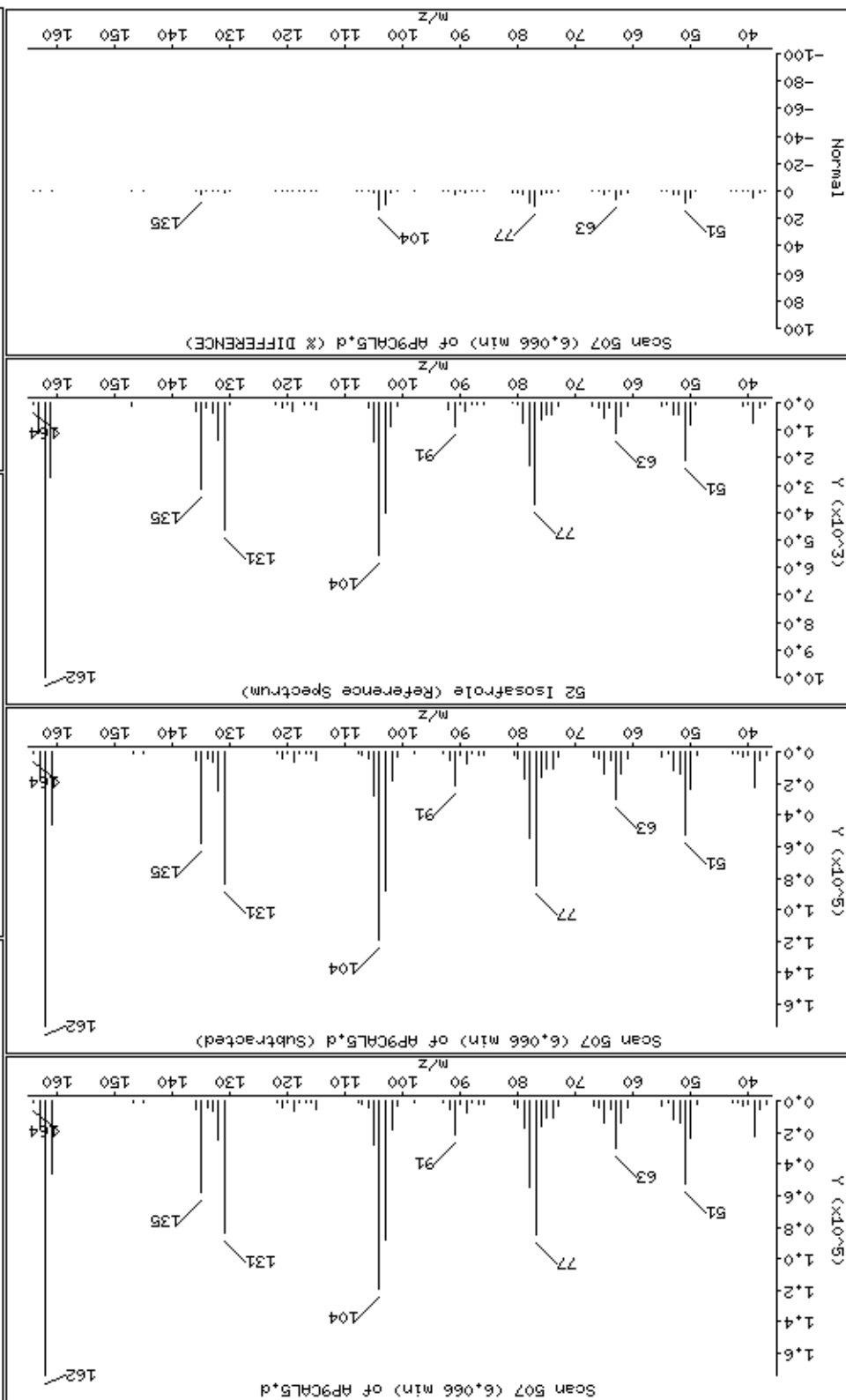
Operator: MJ

Column diameter: 0.25

Concentration: 61.5 ug/kg

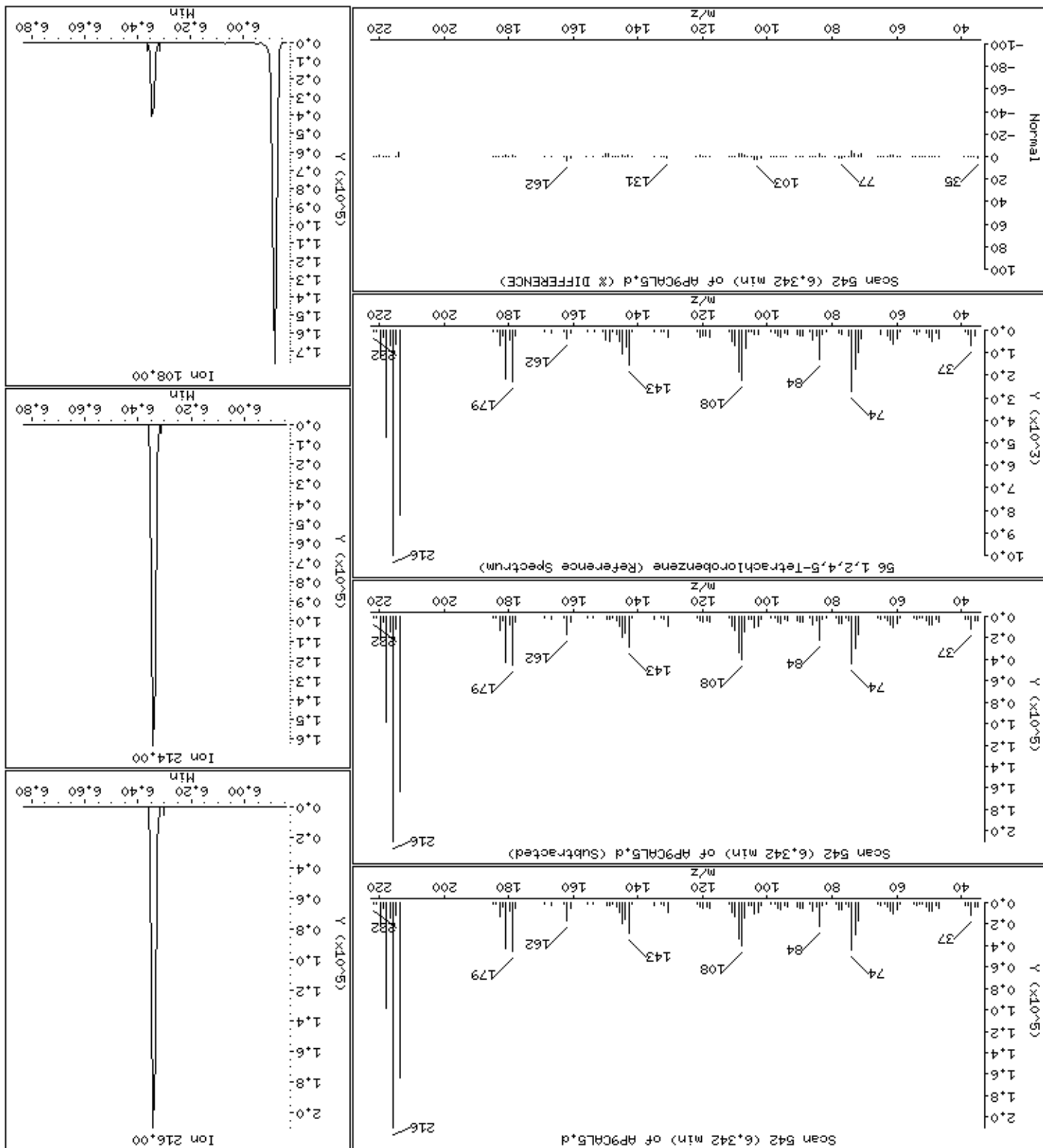
Instrument: smsd04.1

52 Isosafrole



56 1,2,4,5-Tetrachlorobenzene

Column phase: HPMS-5





Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

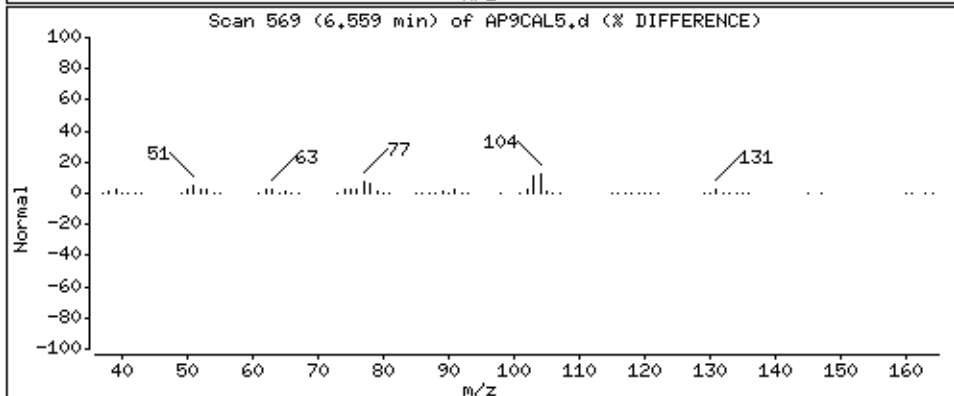
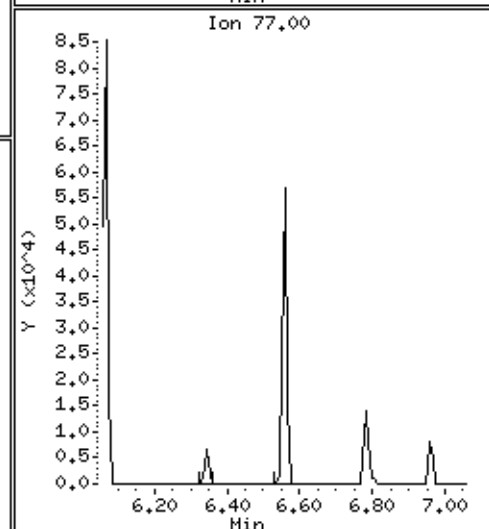
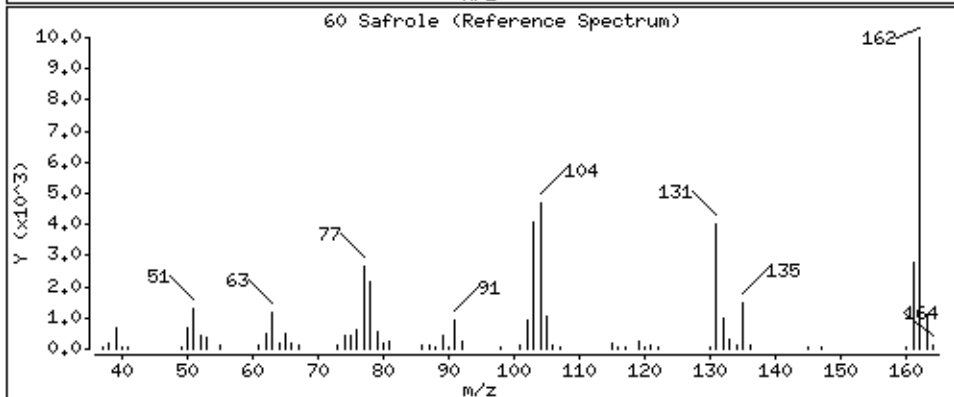
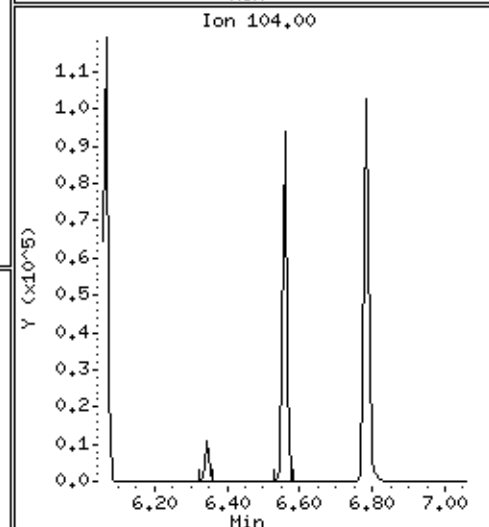
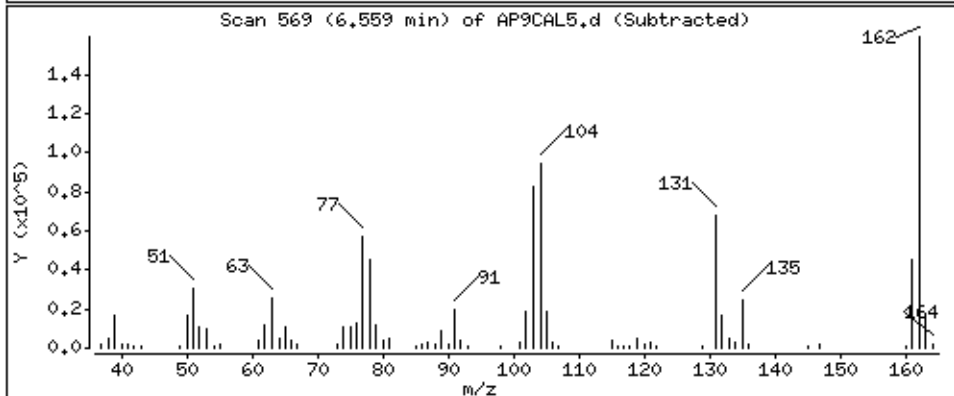
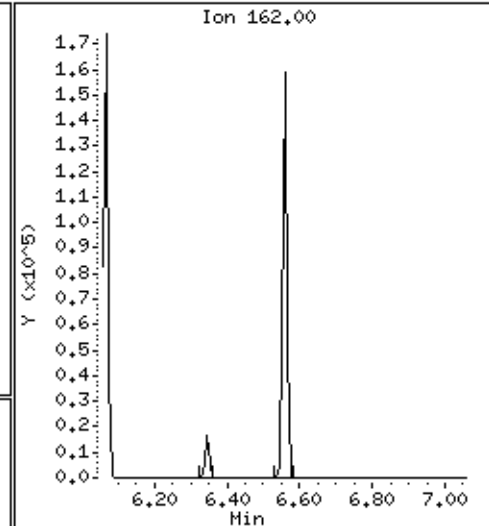
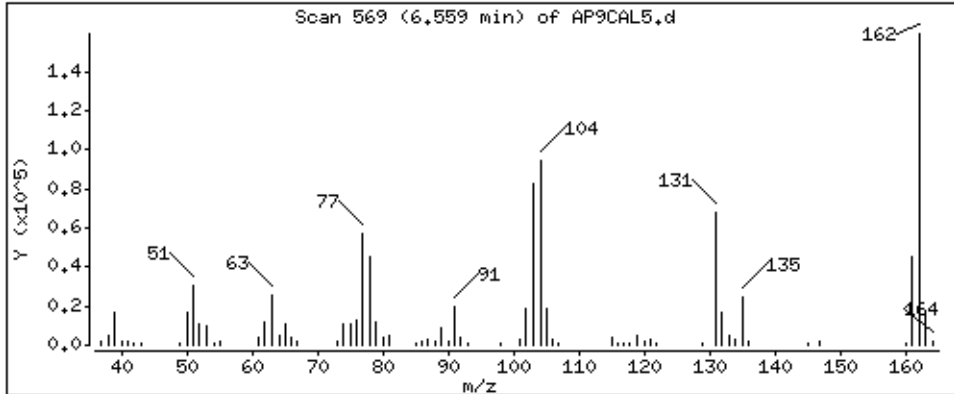
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

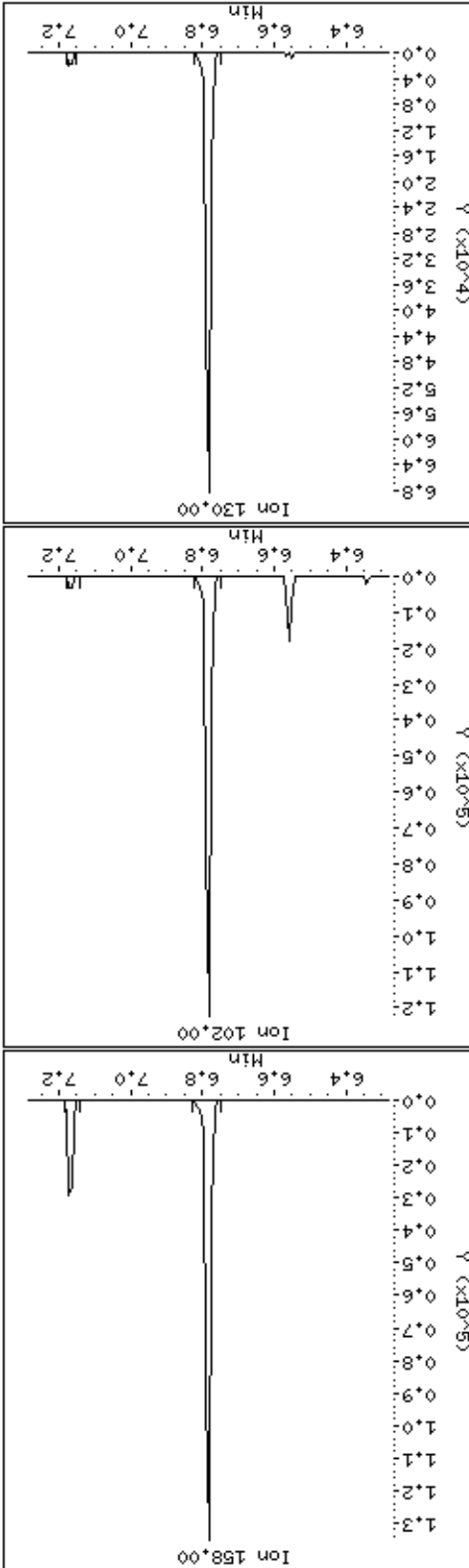
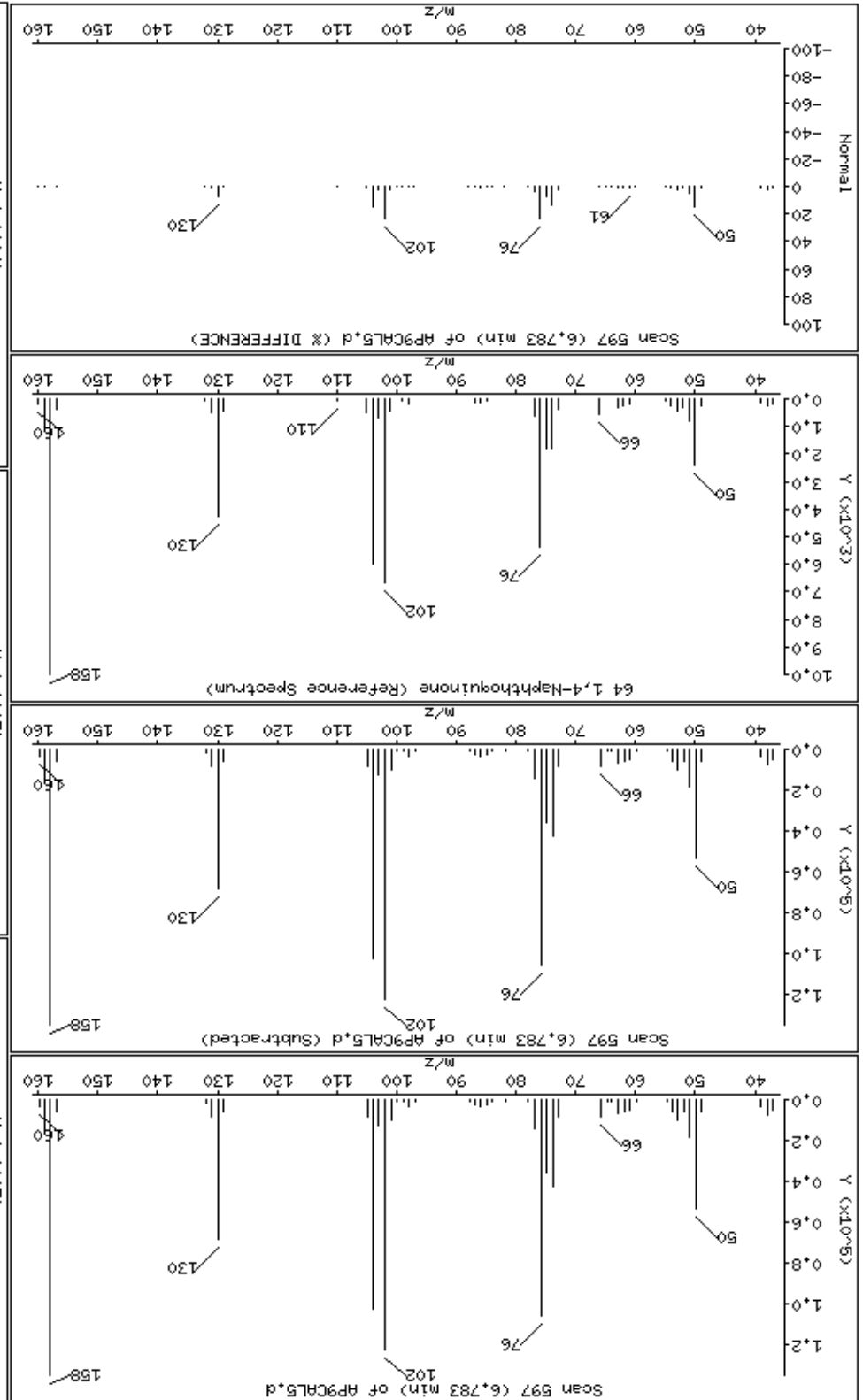
60 Safrole

Concentration: 62.4 ug/kg



64 1,4-Naphthoquinone

Column phase: HPMS-5



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

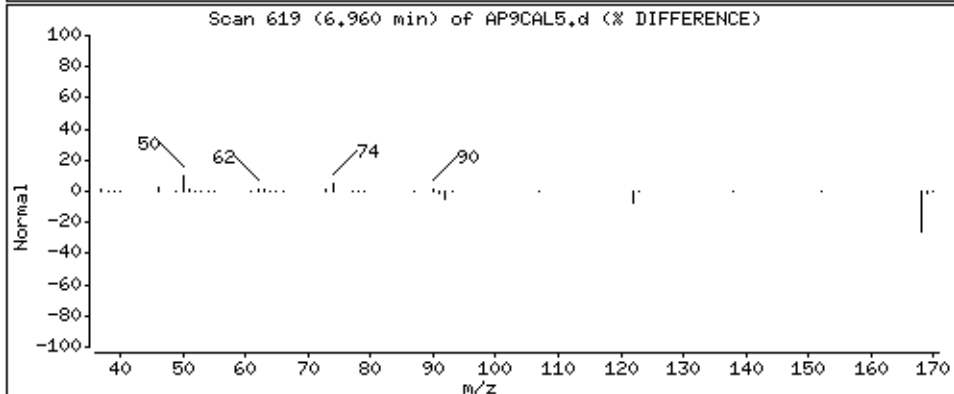
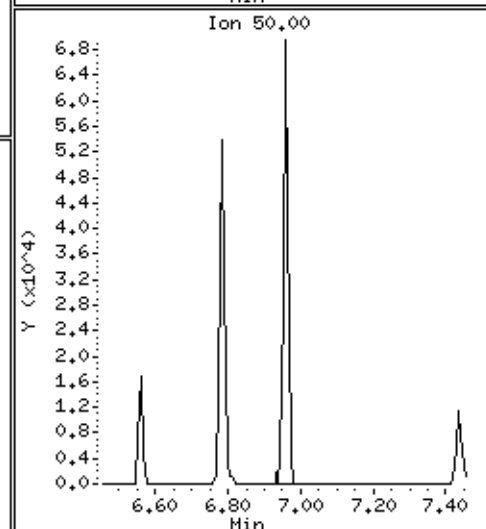
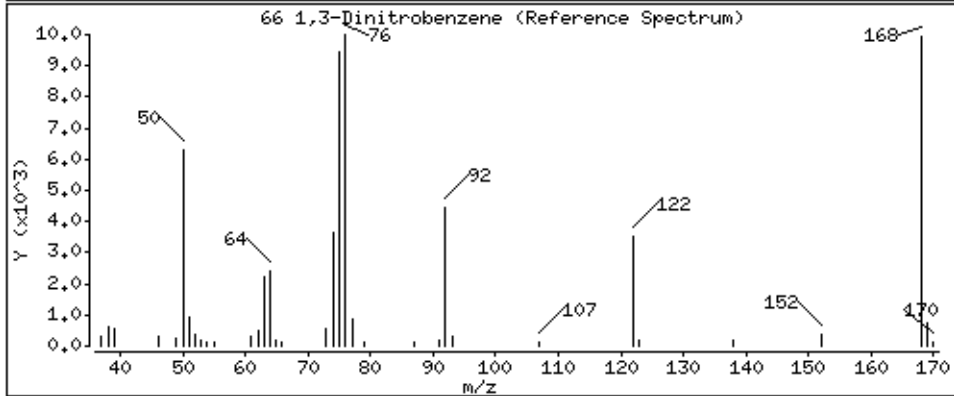
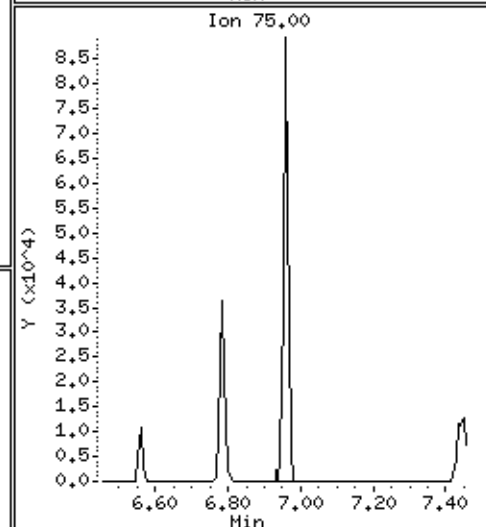
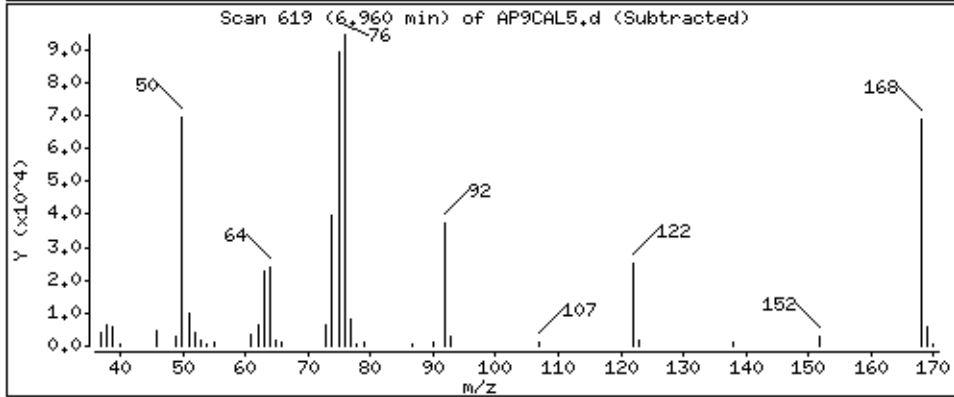
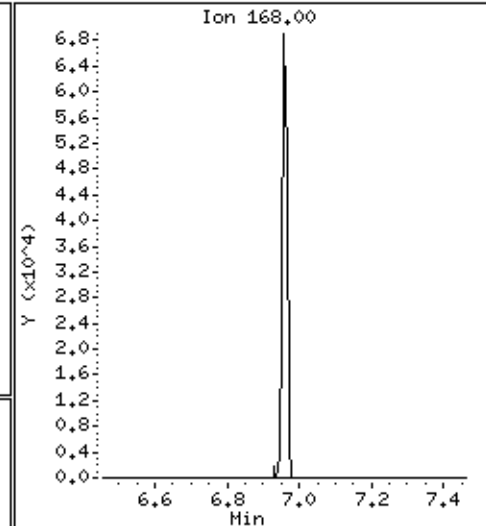
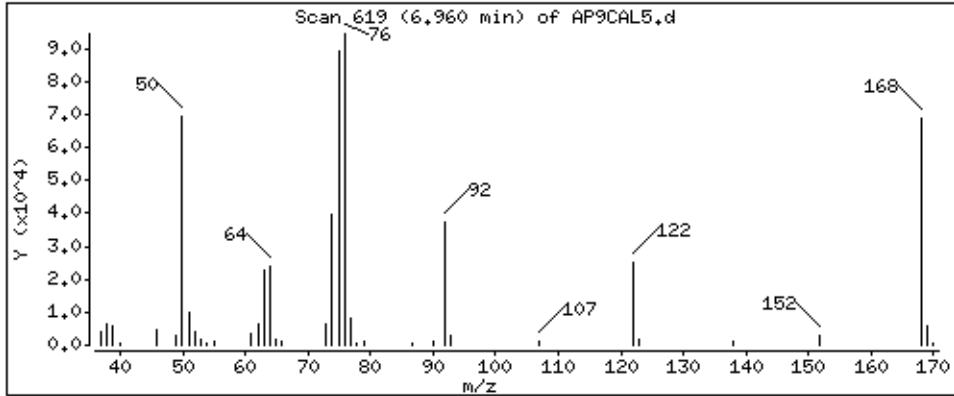
Operator: MJ

Column phase: HPMS-5

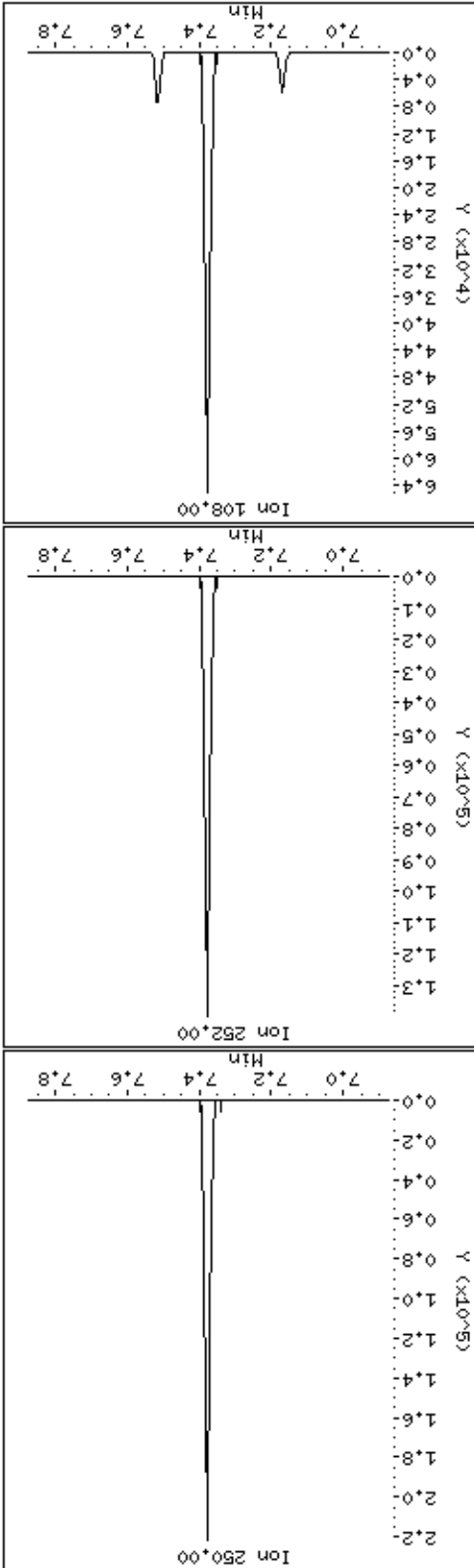
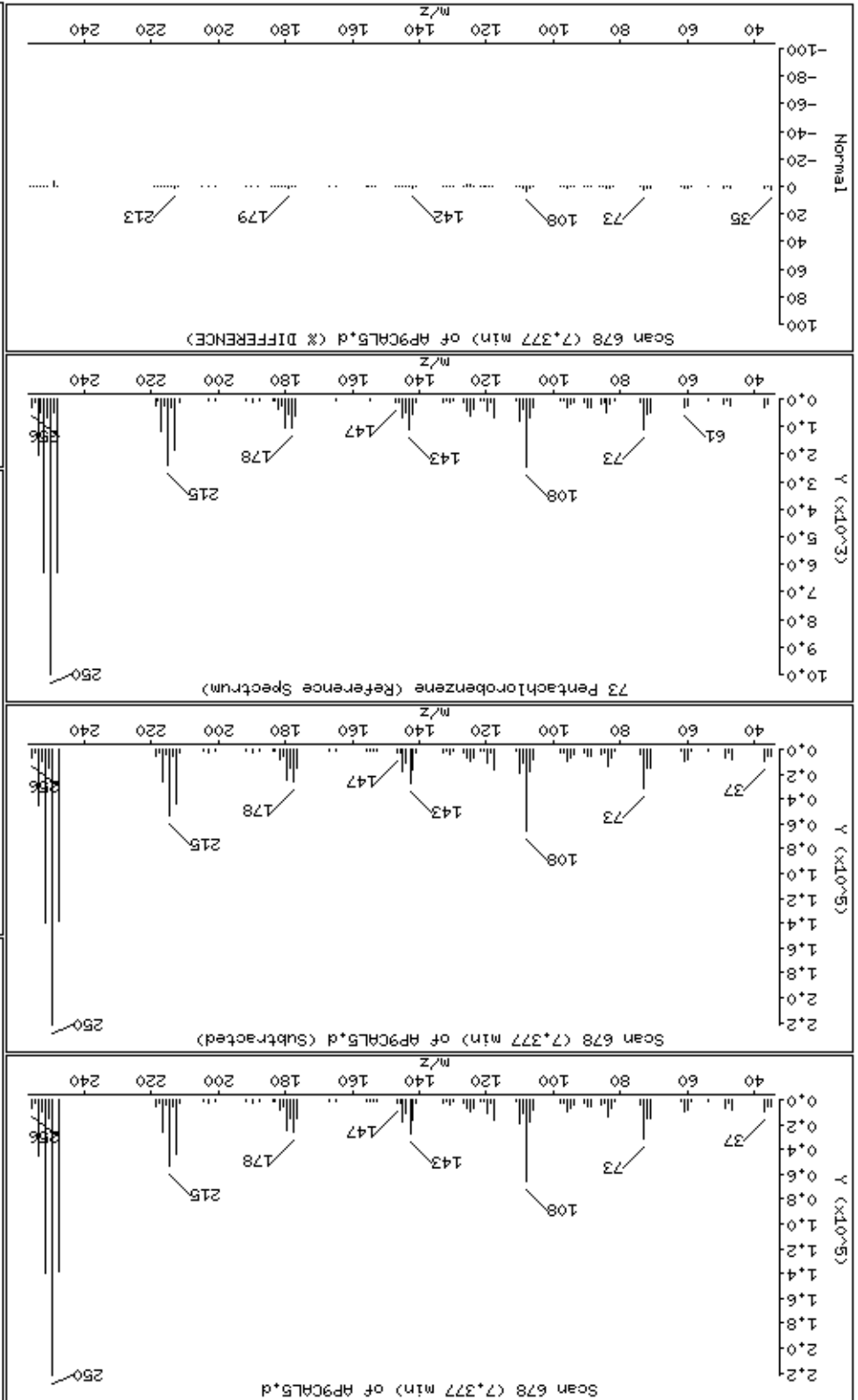
Column diameter: 0,25

66 1,3-Dinitrobenzene

Concentration: 62,1 ug/kg



73 Pentachlorobenzene



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

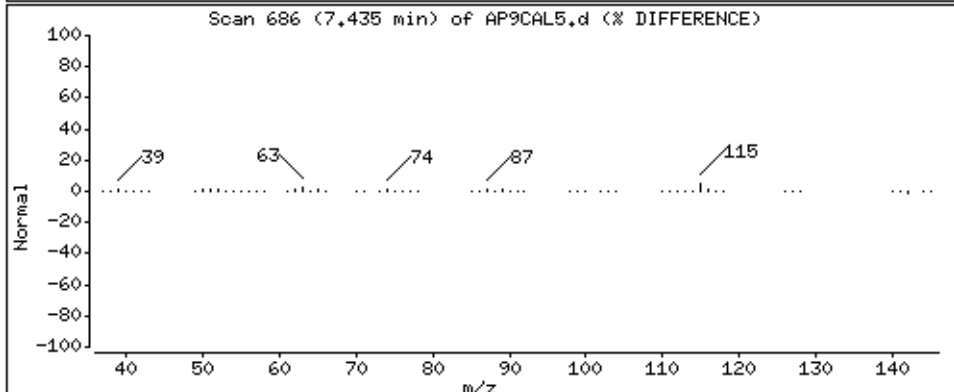
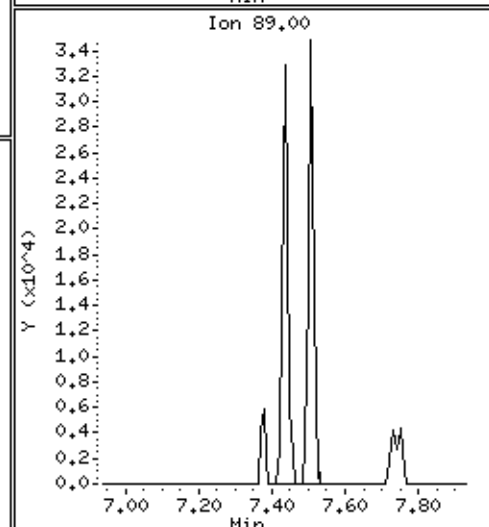
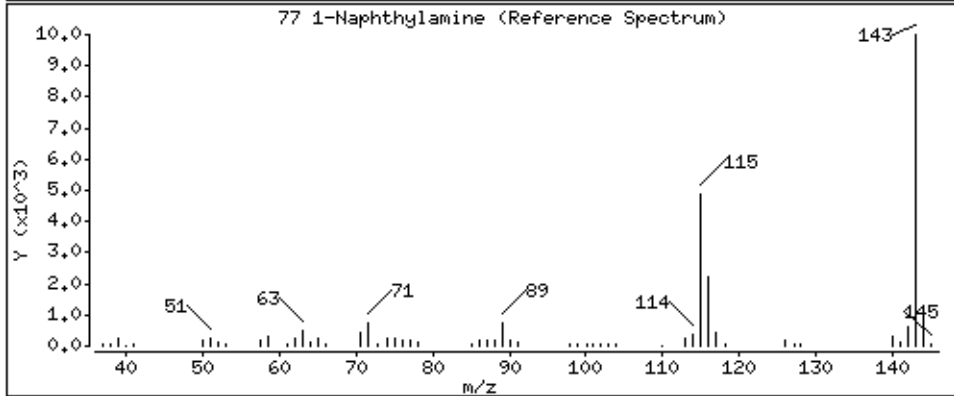
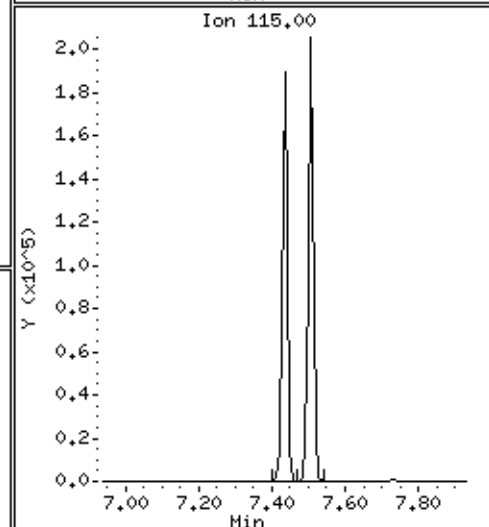
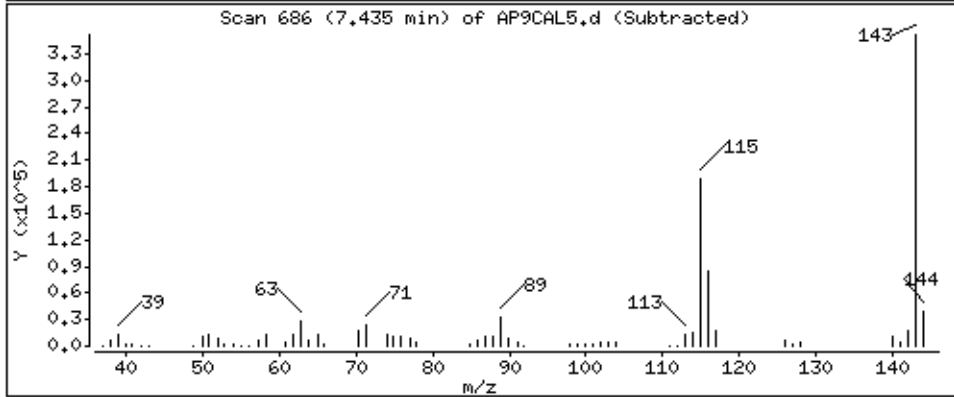
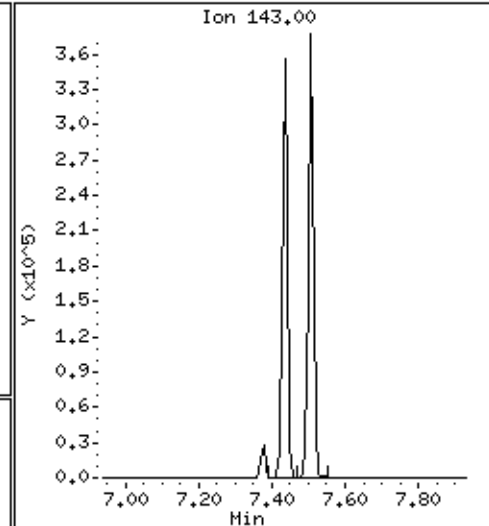
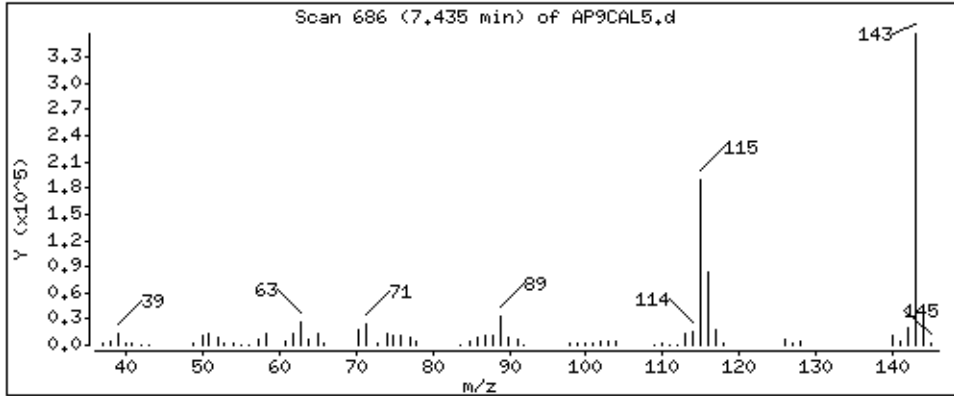
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

77 1-Naphthylamine

Concentration: 61,1 ug/kg



Date: 15-NOV-2012 10:07

Client ID: AP9CAL5

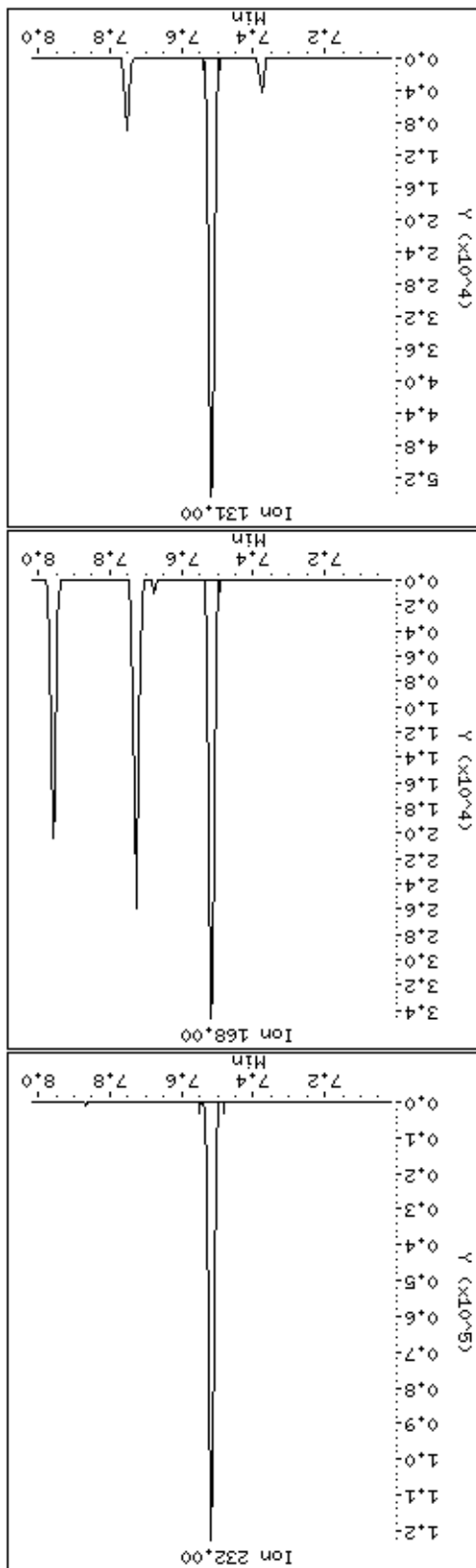
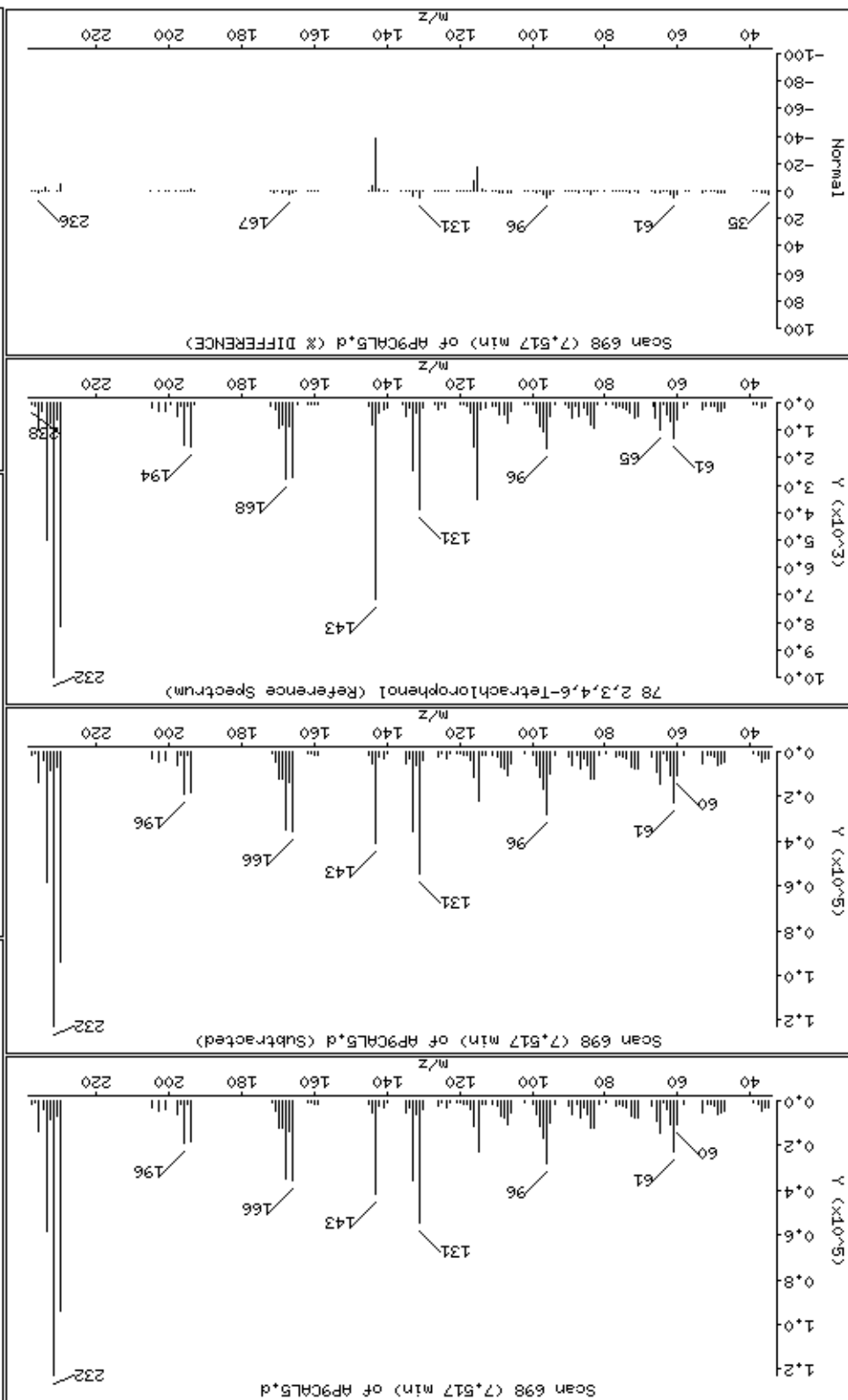
Sample Info: 47935

Operator: MJ

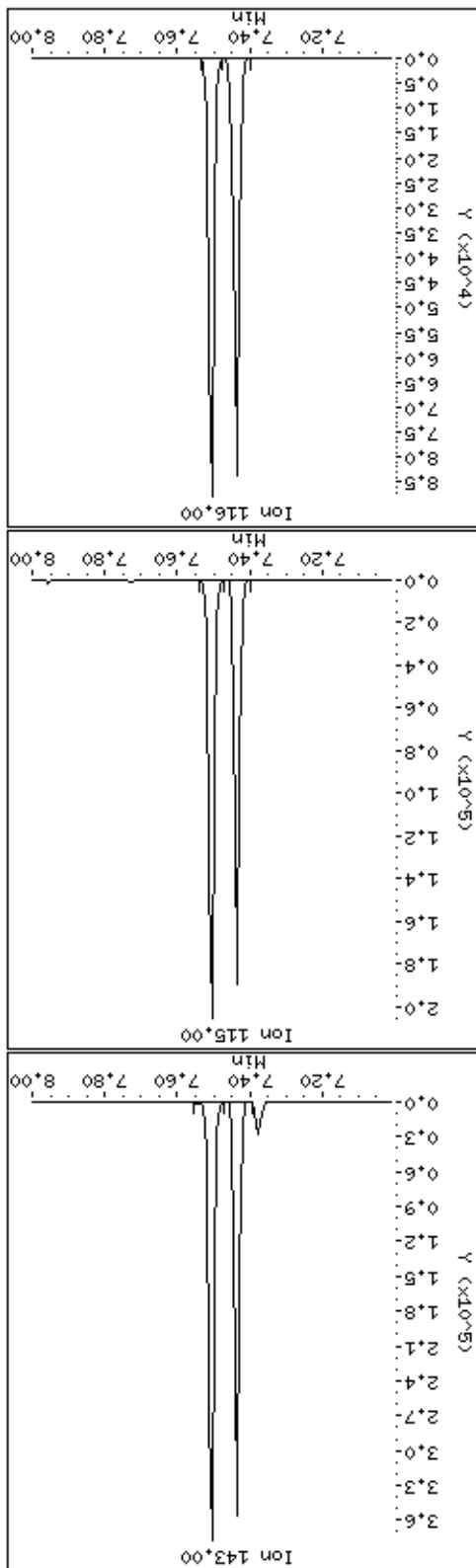
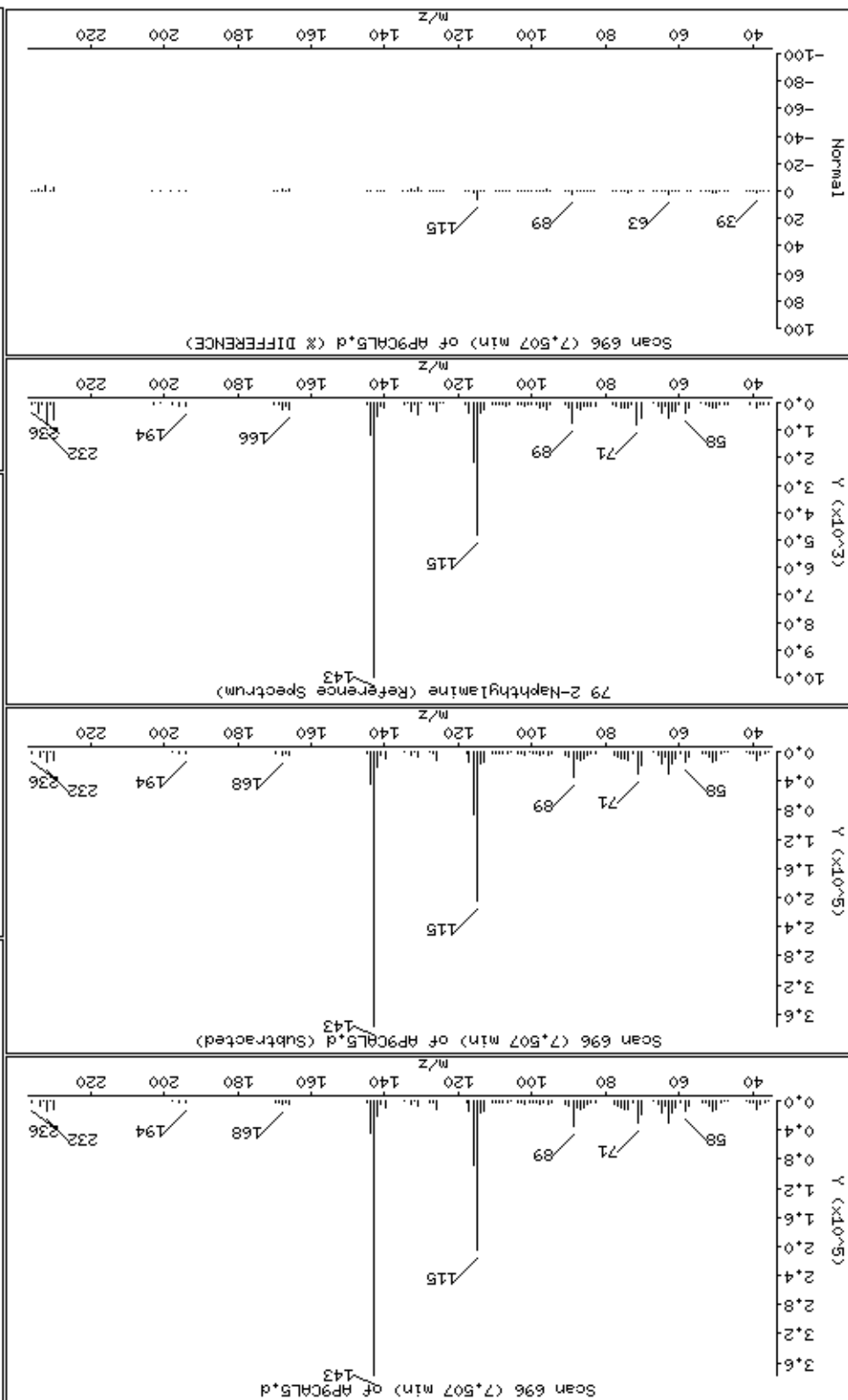
Column diameter: 0.25

Concentration: 66.0 ug/kg

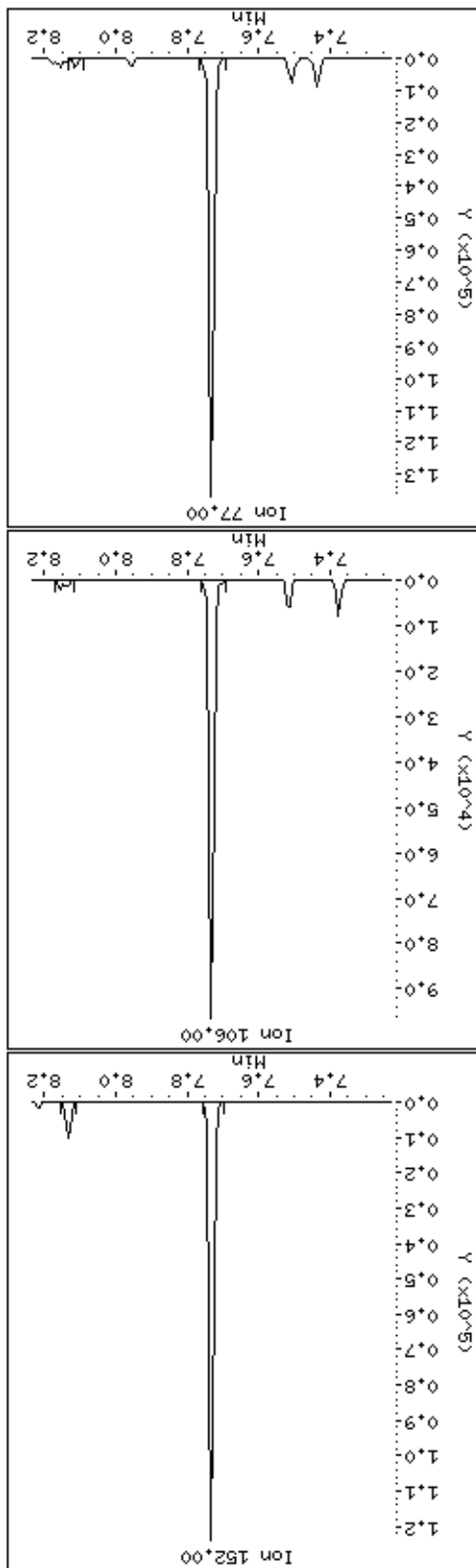
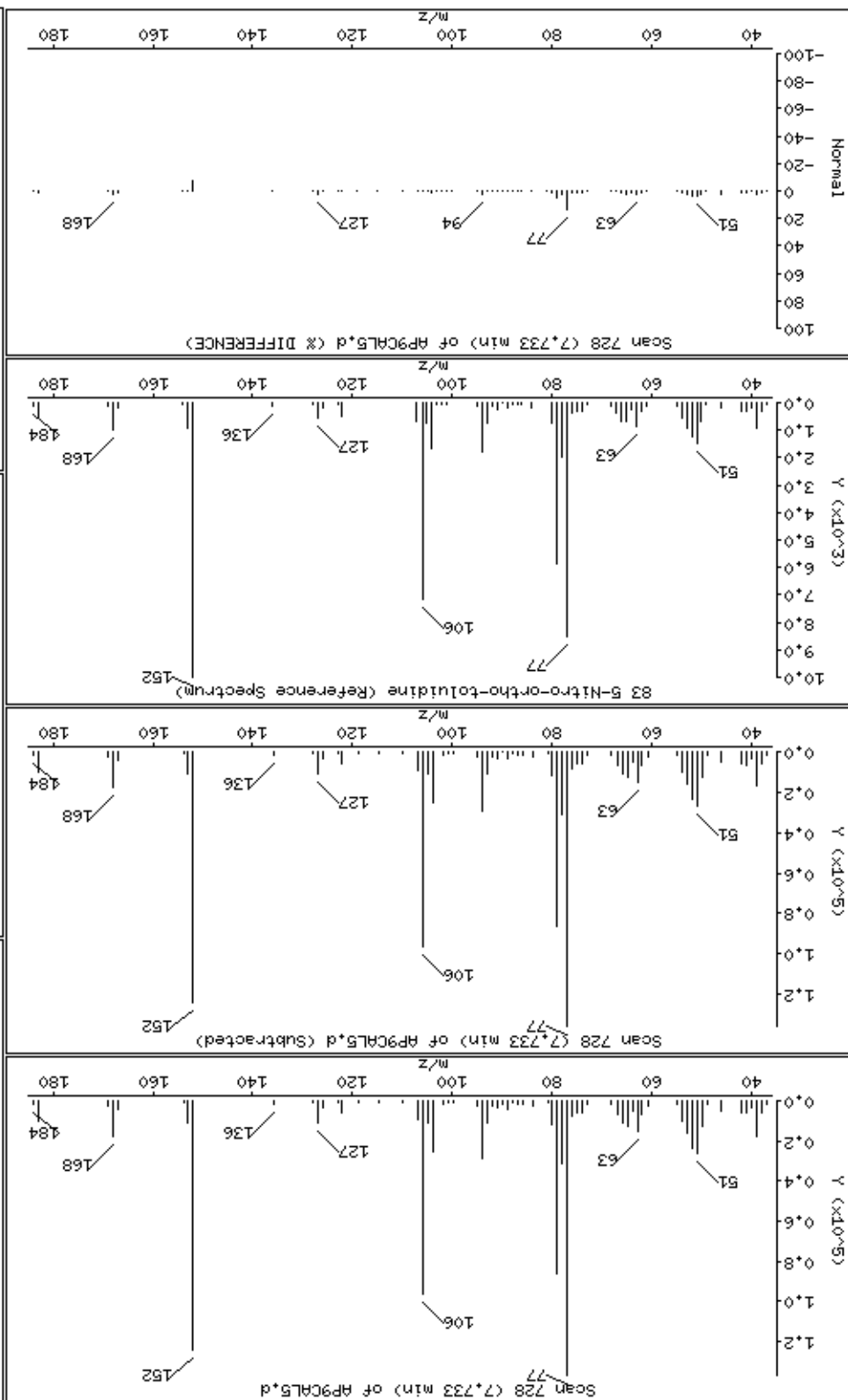
78 2,3,4,6-Tetrachlorophenol



79-2-Naphthylamine



83 5-Nitro-ortho-toluidine





Date: 15-NOV-2012 10:07

Client ID: AP9CAL5

Sample Info: 47935

Operator: MJ

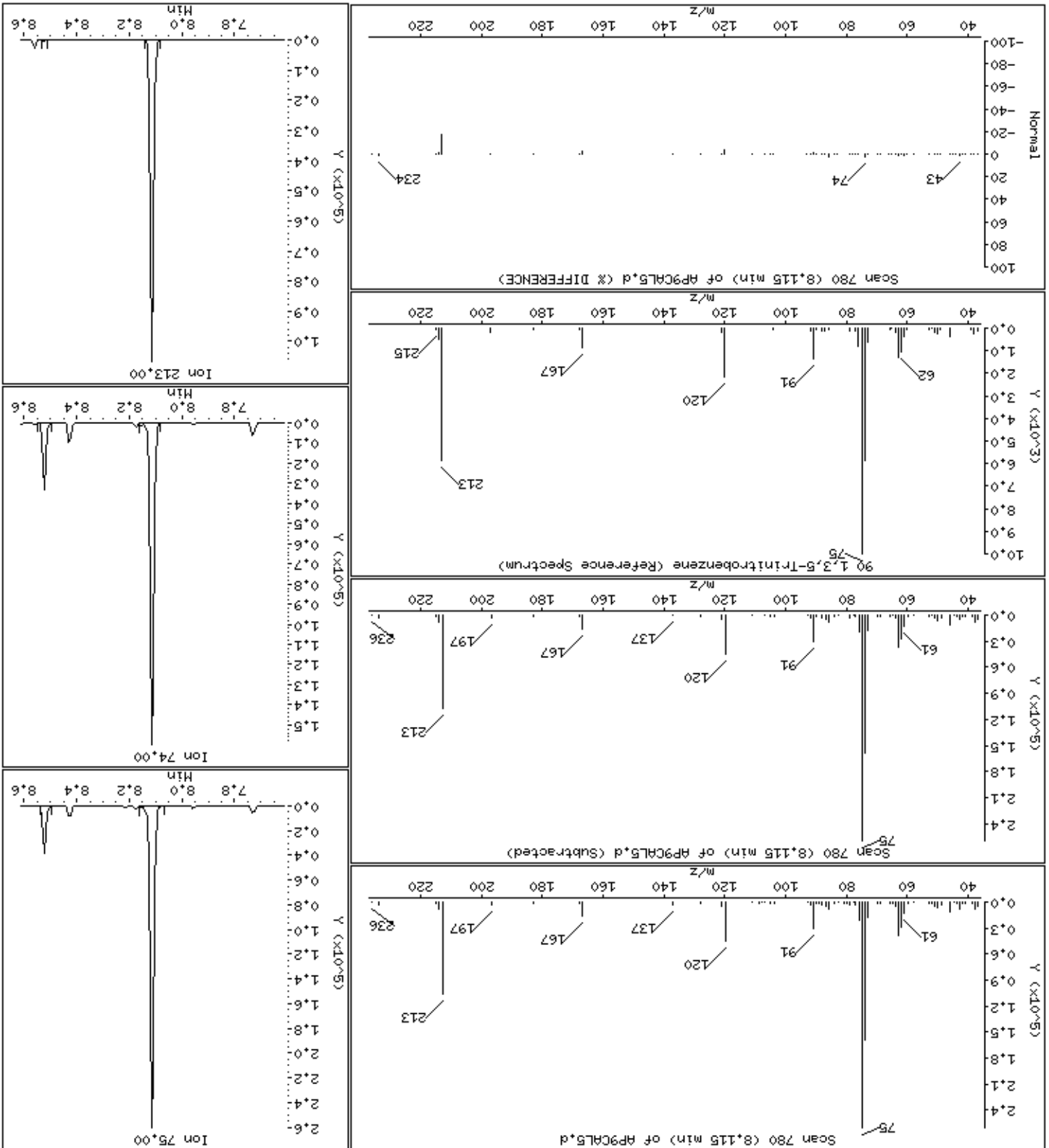
Column diameter: 0.25

Concentration: 60.2 ug/kg

Instrument: smsd04.1

90 1,3,5-Trinitrobenzene

Column phase: HPMS-5



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

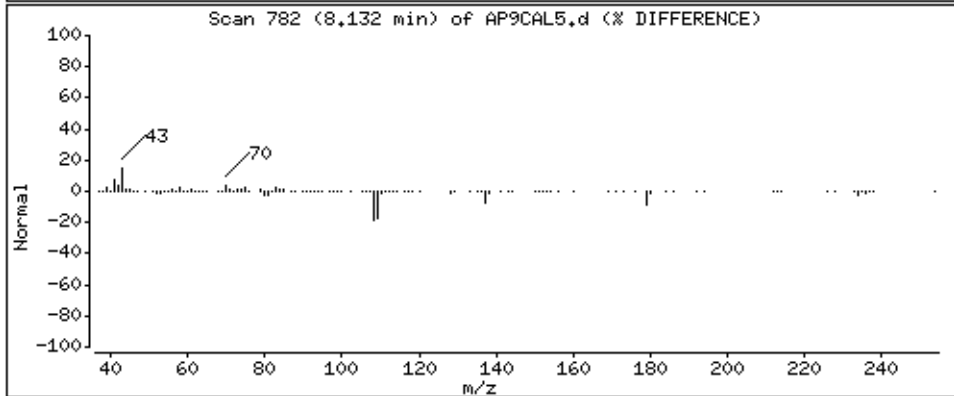
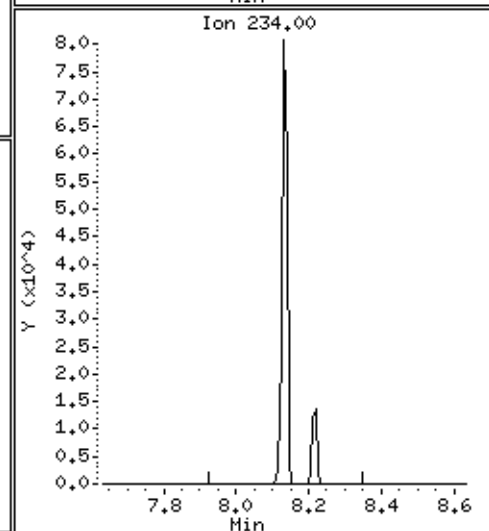
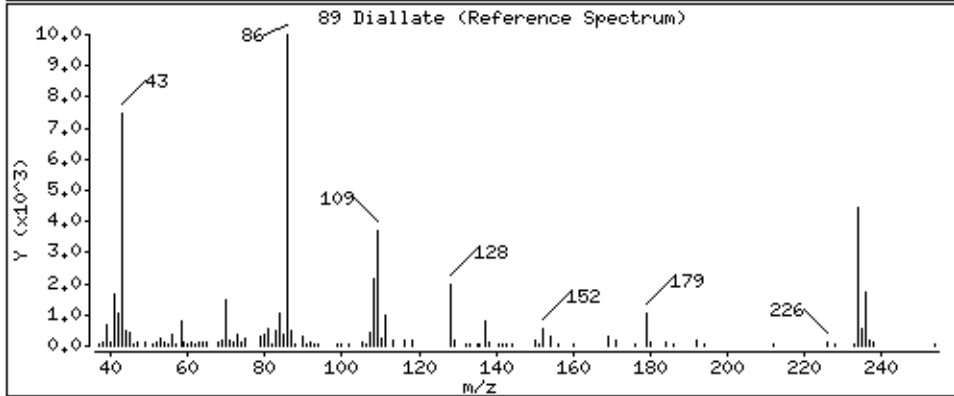
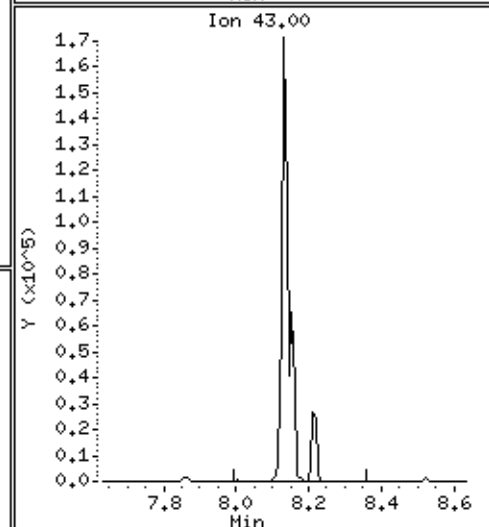
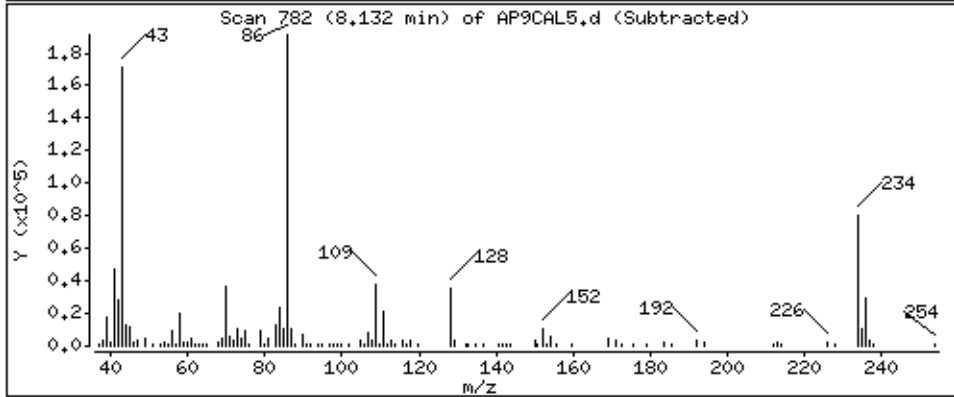
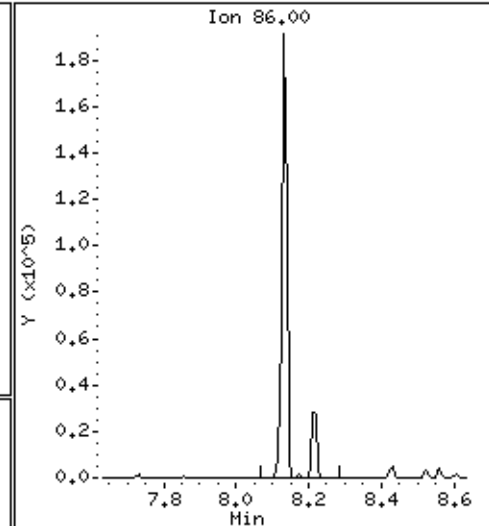
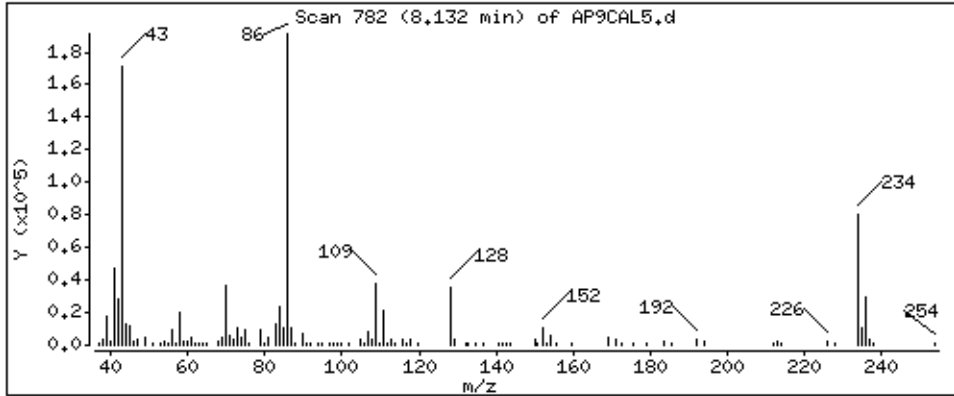
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

89 Diallate

Concentration: 61,1 ug/kg



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

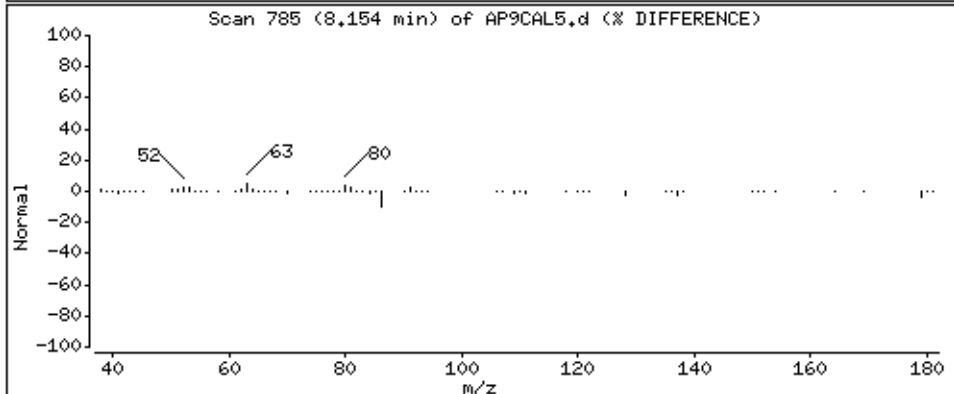
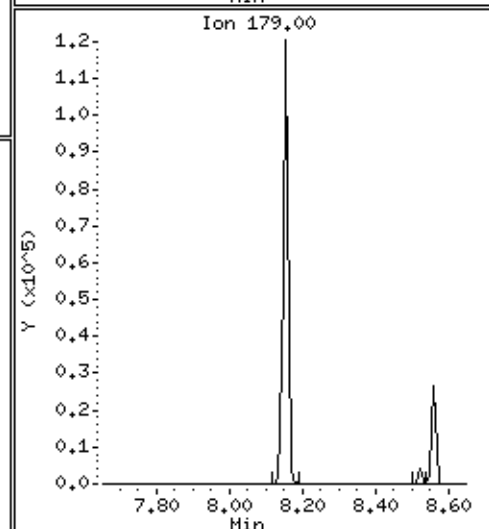
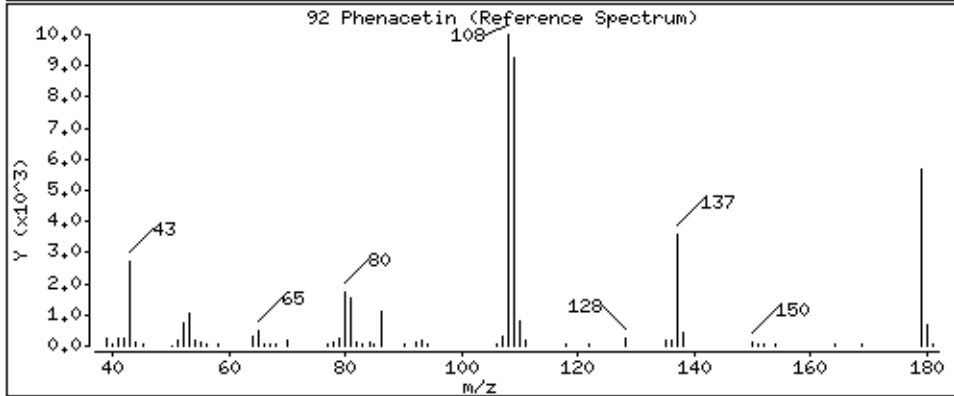
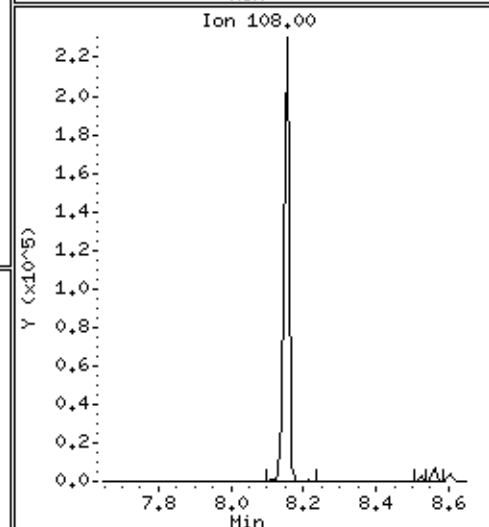
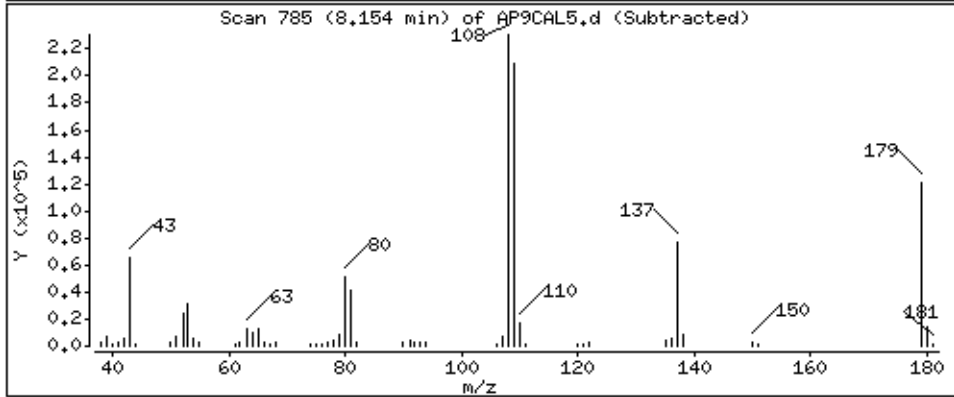
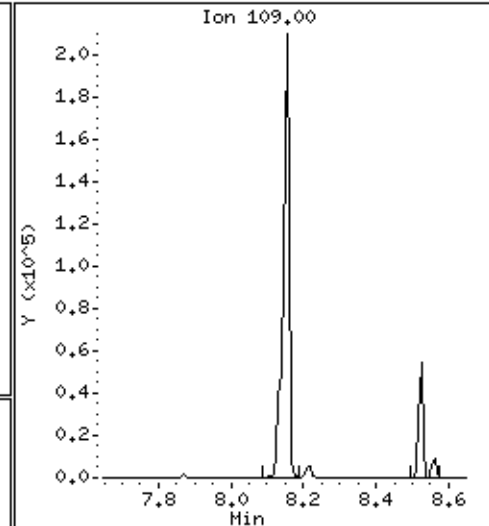
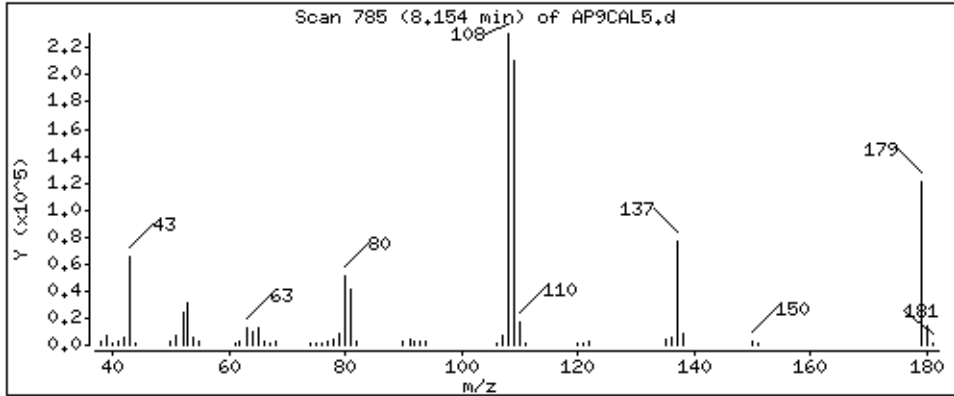
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

92 Phenacetin

Concentration: 63,2 ug/kg



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

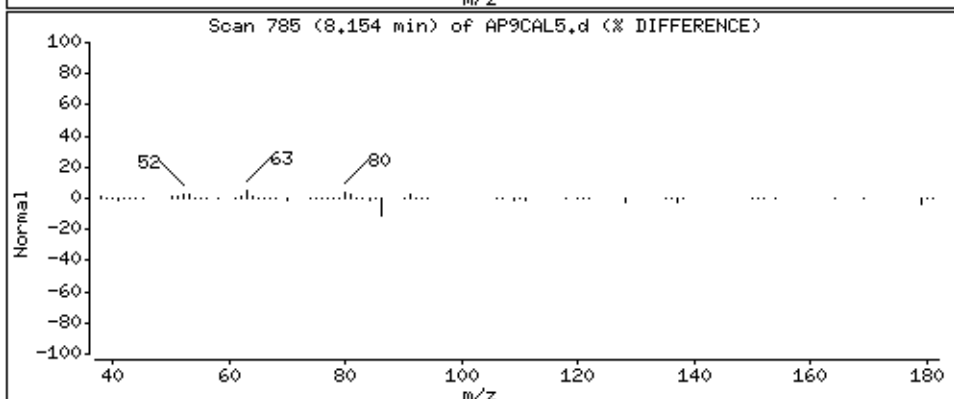
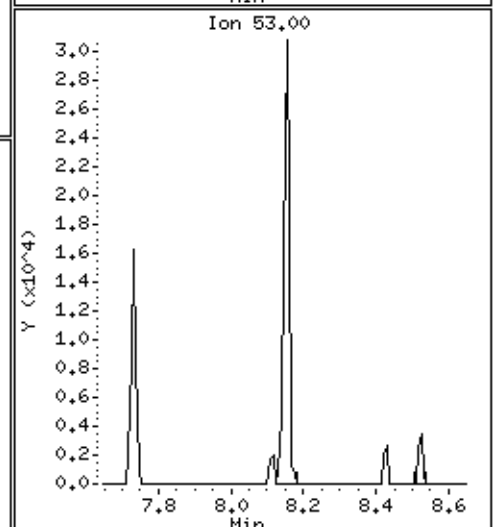
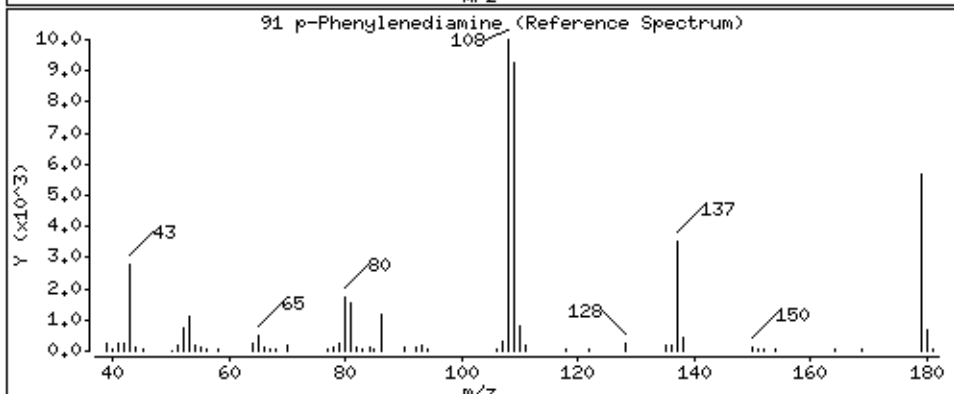
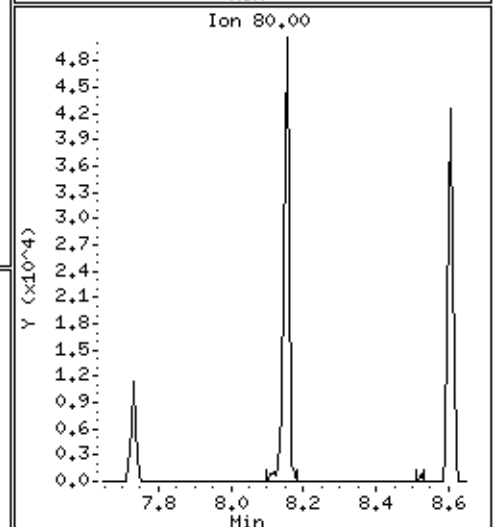
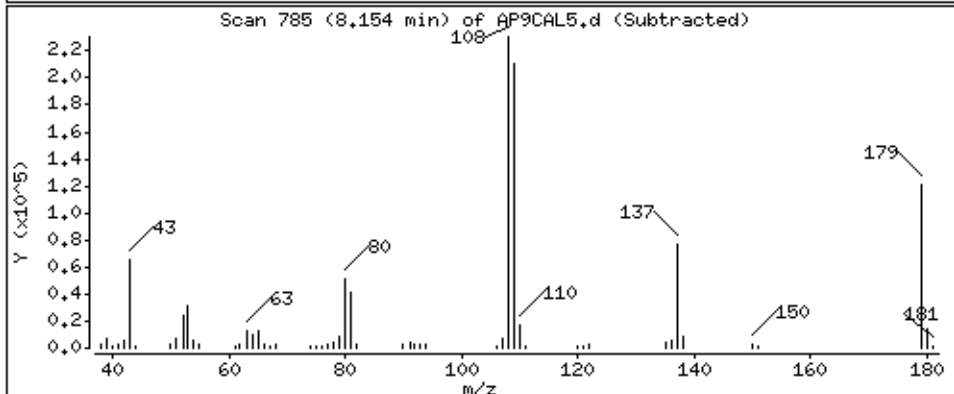
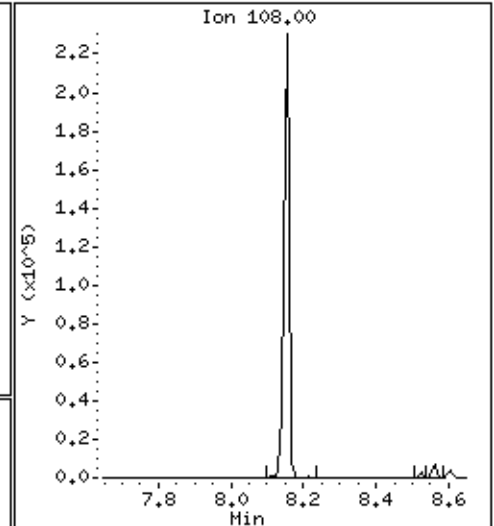
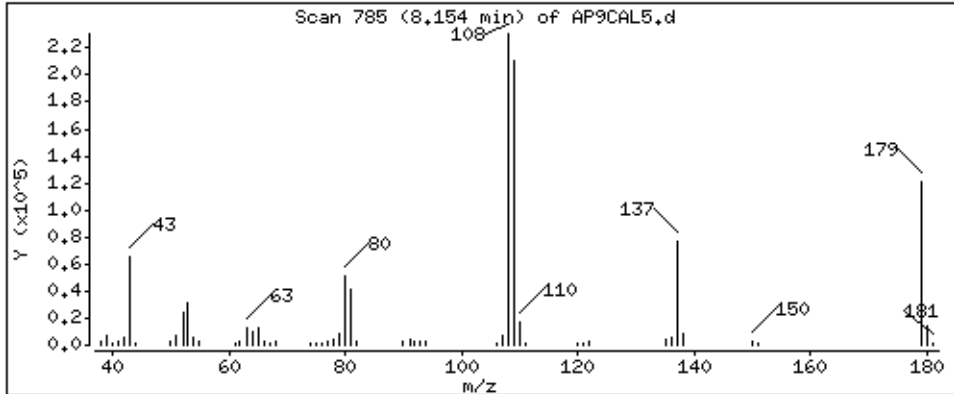
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

91 p-Phenylenediamine

Concentration: 62,3 ug/kg



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

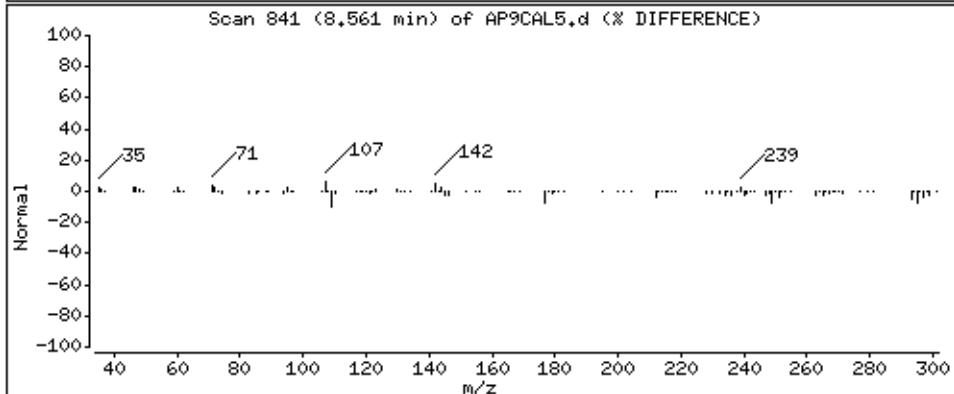
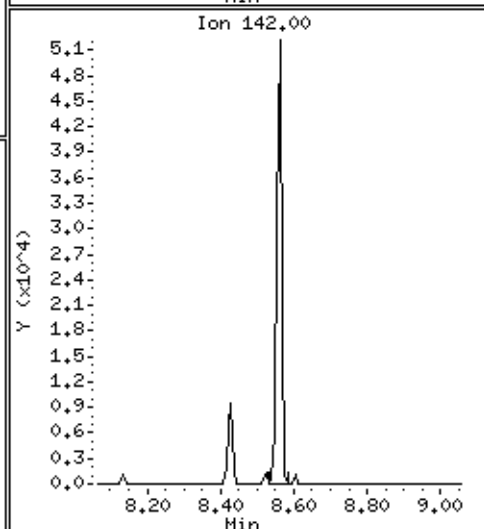
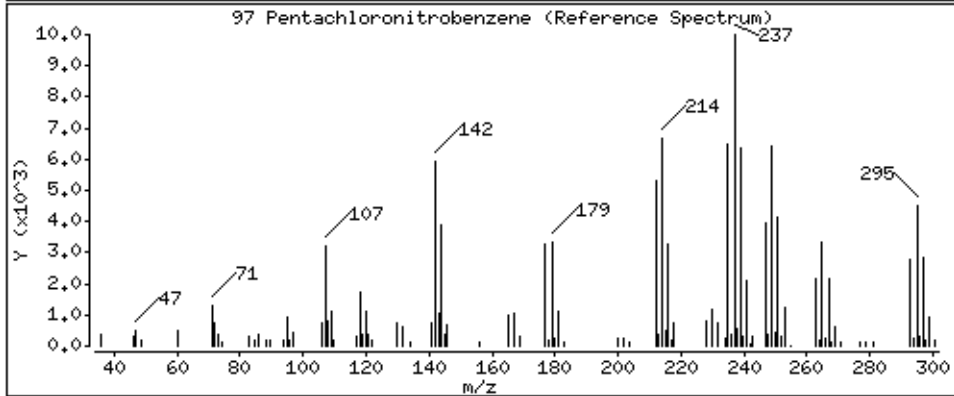
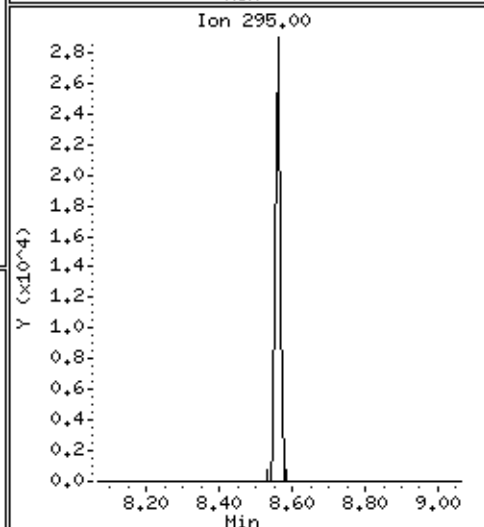
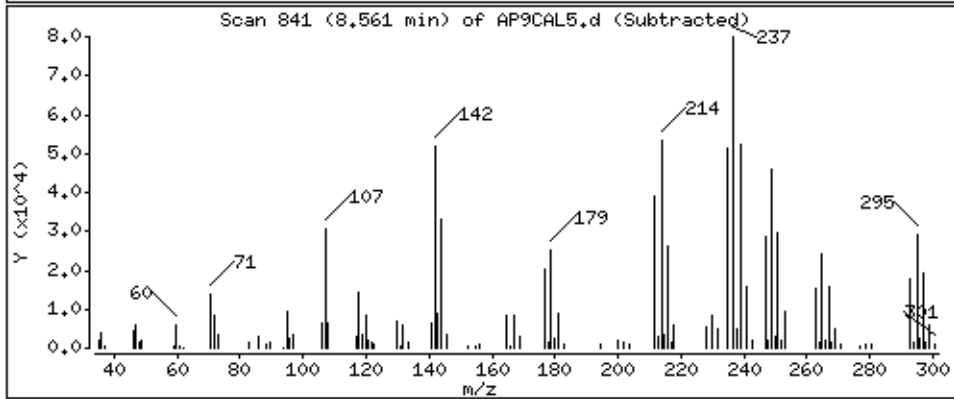
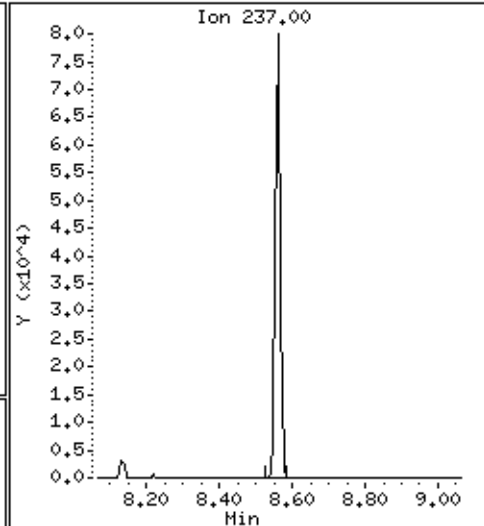
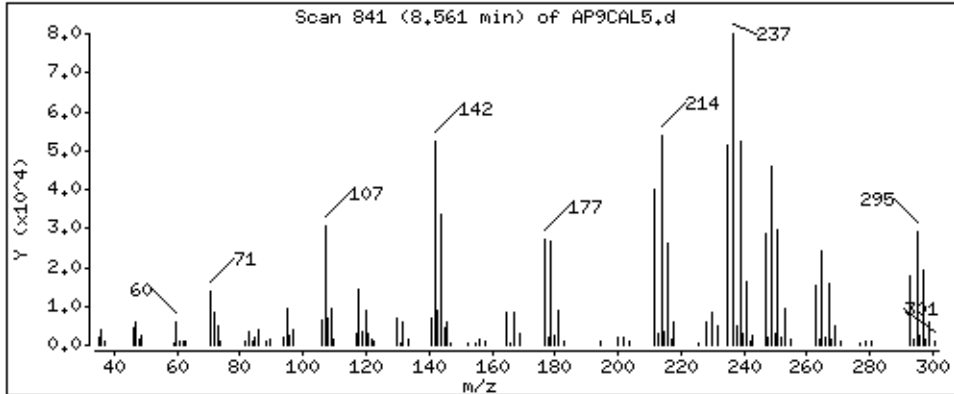
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

97 Pentachloronitrobenzene

Concentration: 61,9 ug/kg



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

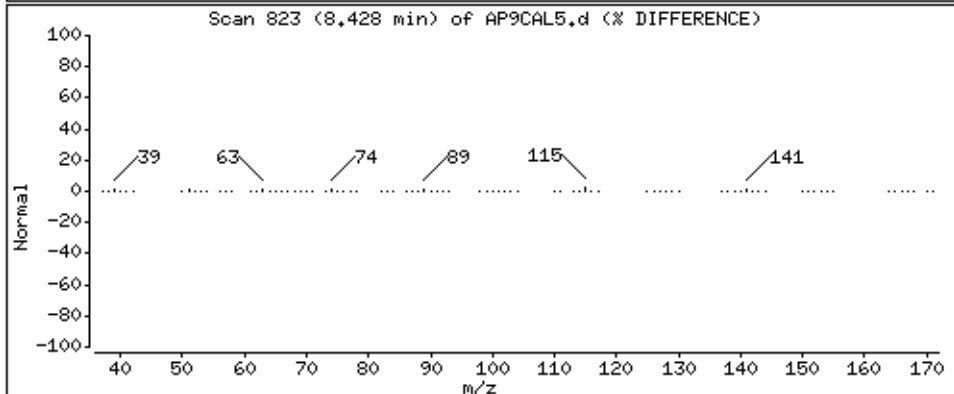
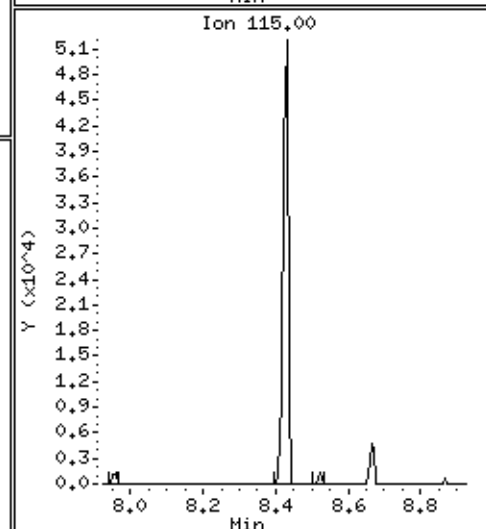
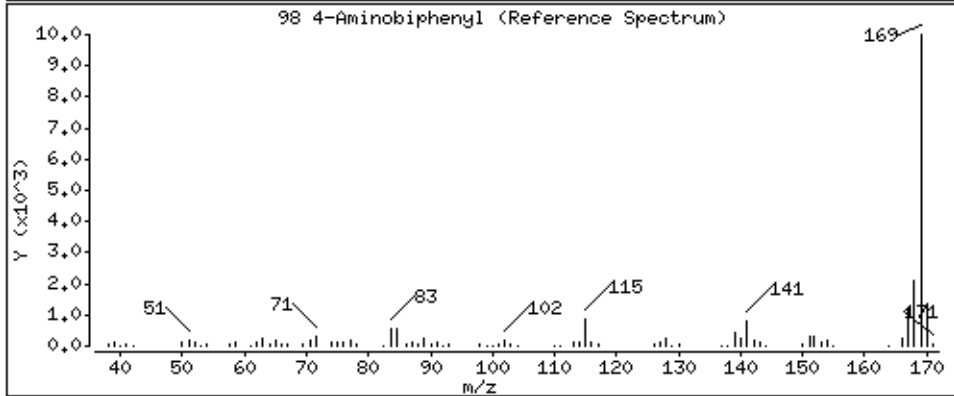
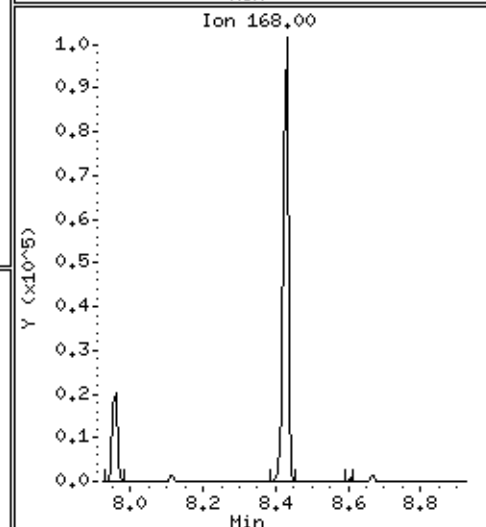
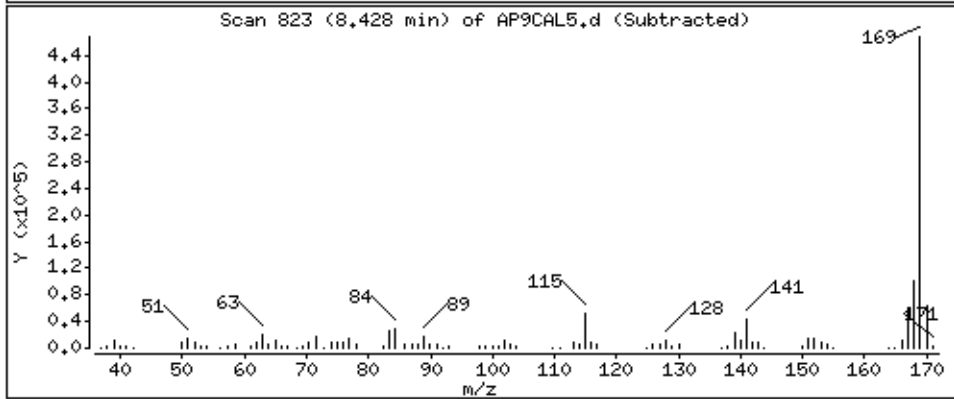
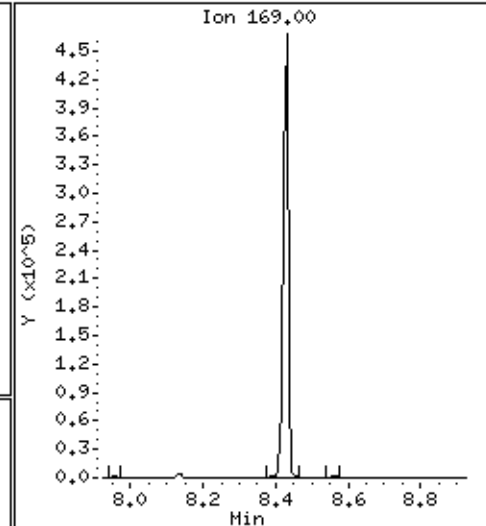
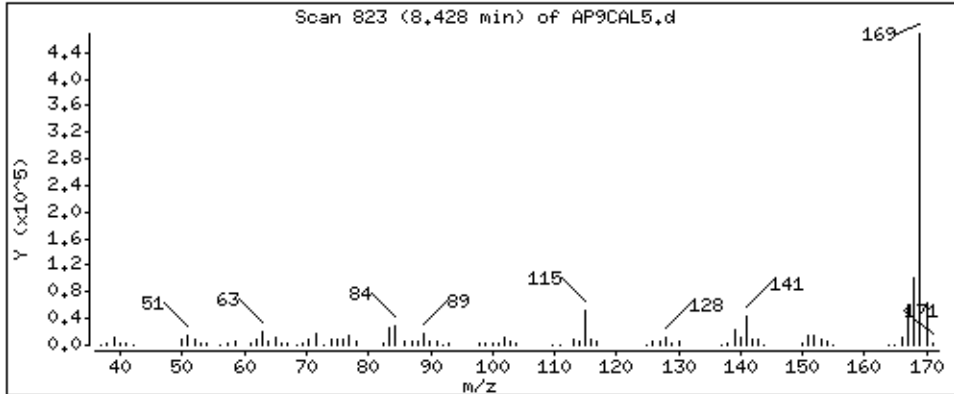
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

98 4-Aminobiphenyl

Concentration: 61.1 ug/kg



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

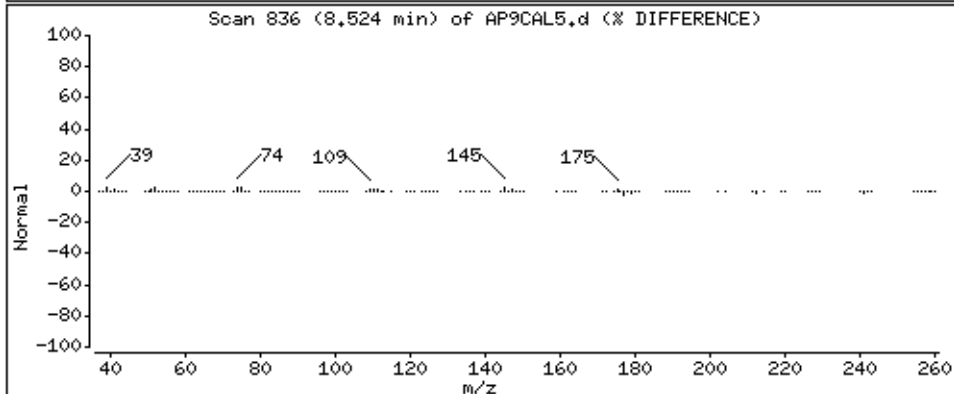
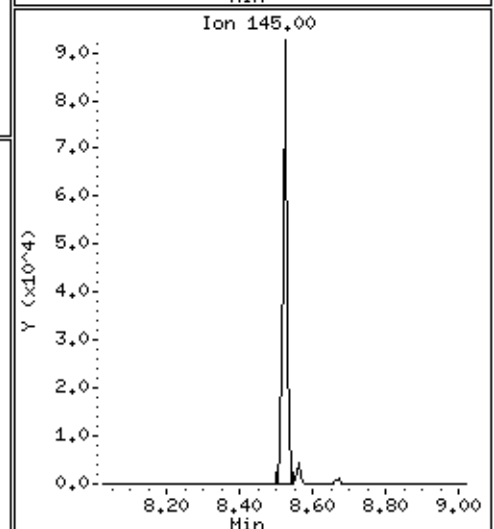
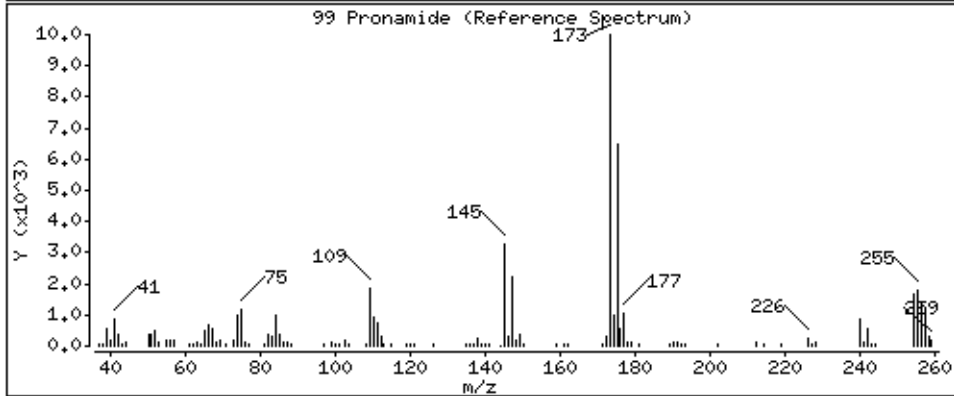
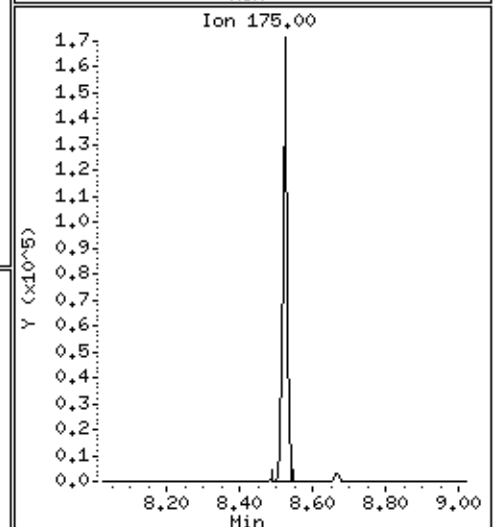
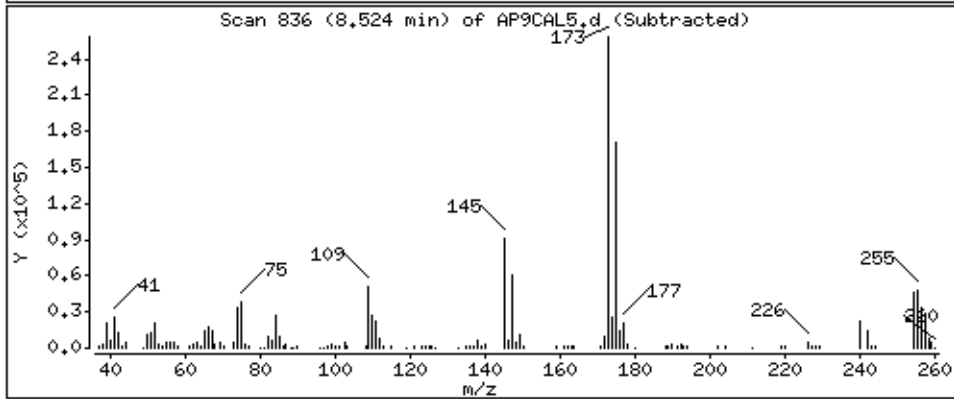
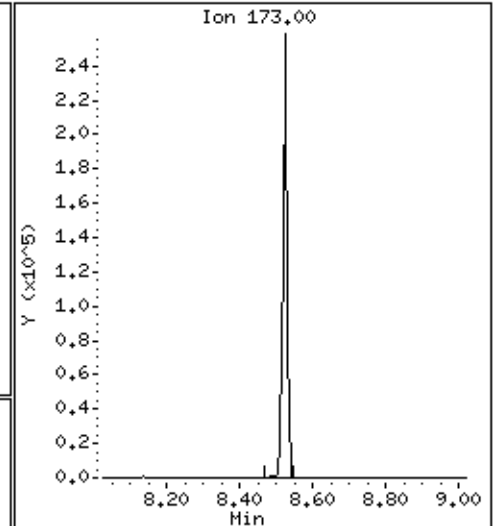
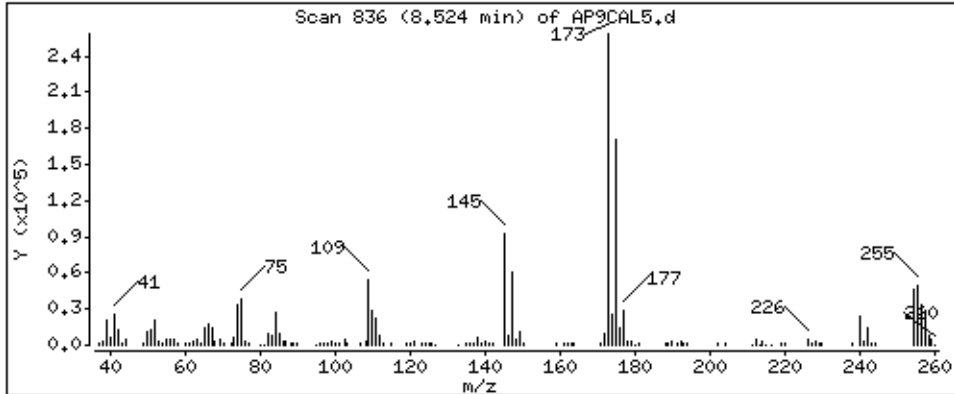
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

99 Pronamide

Concentration: 63,0 ug/kg



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

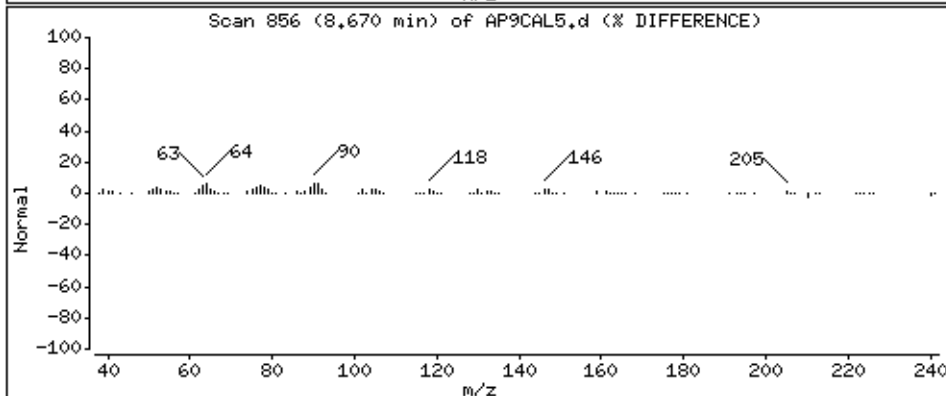
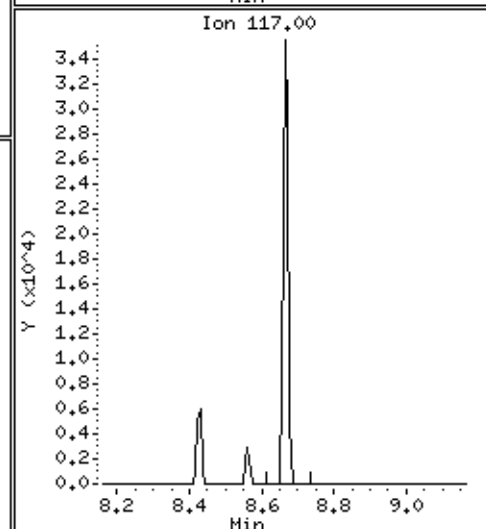
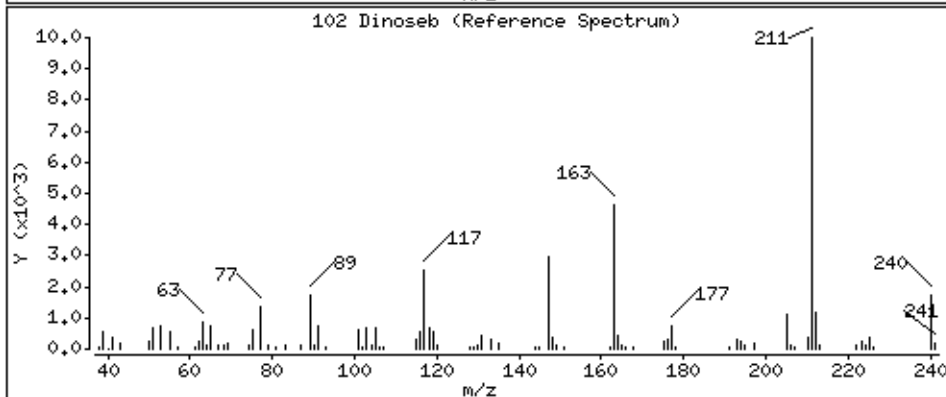
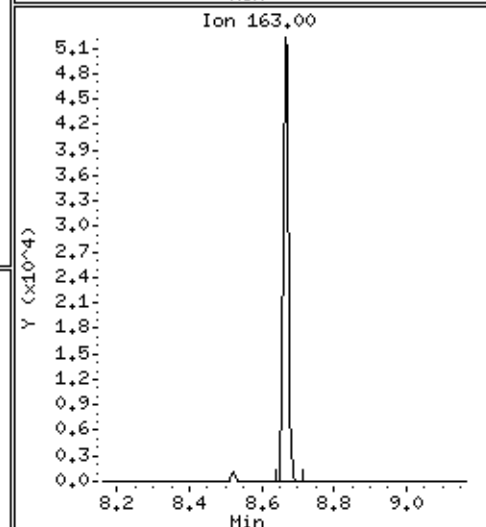
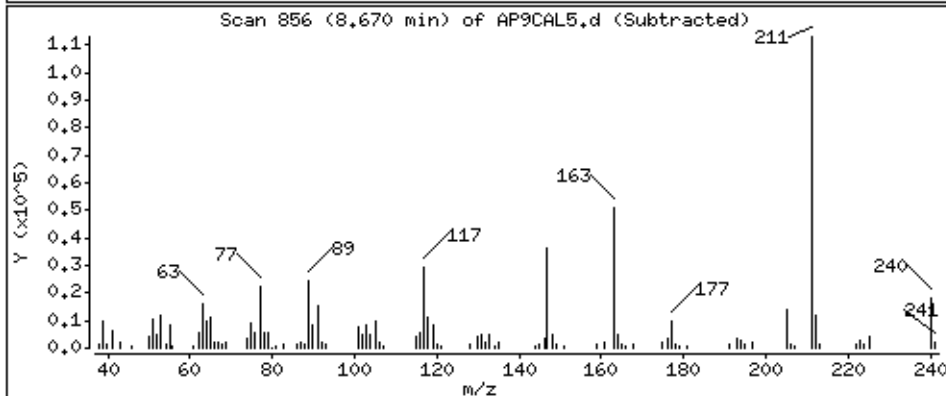
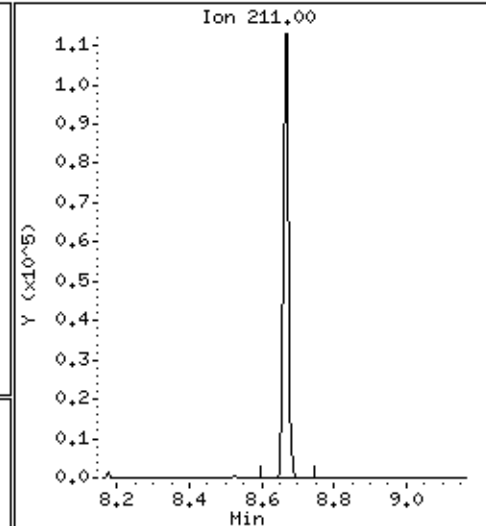
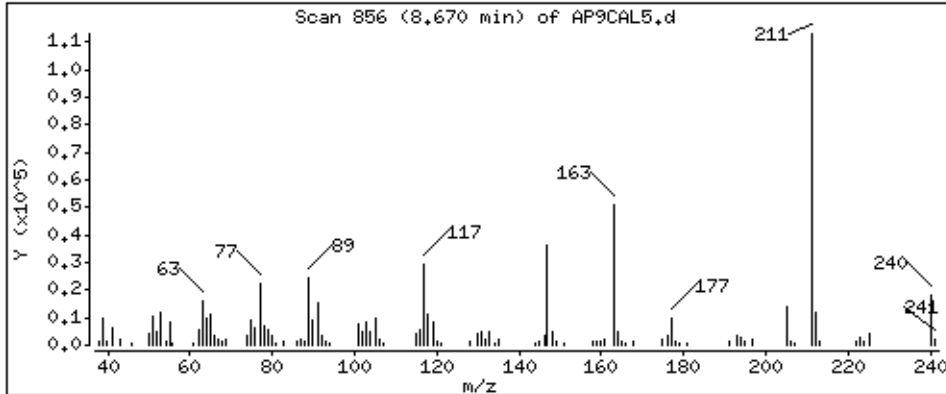
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

102 Dinoseb

Concentration: 59,2 ug/kg





Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

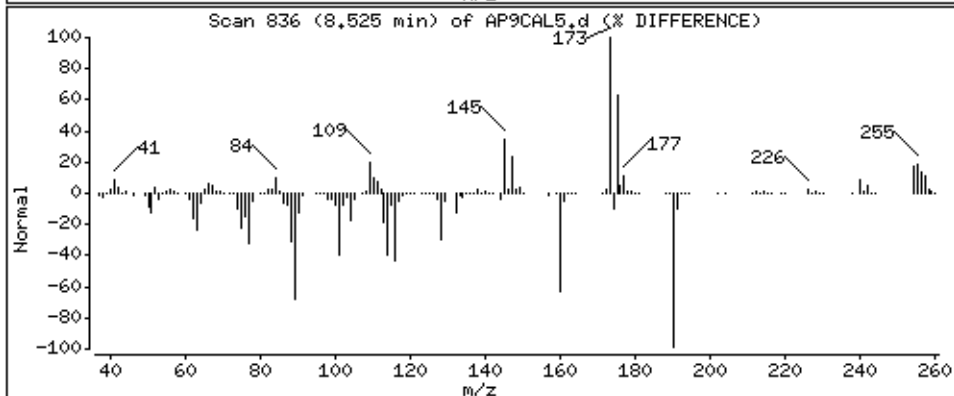
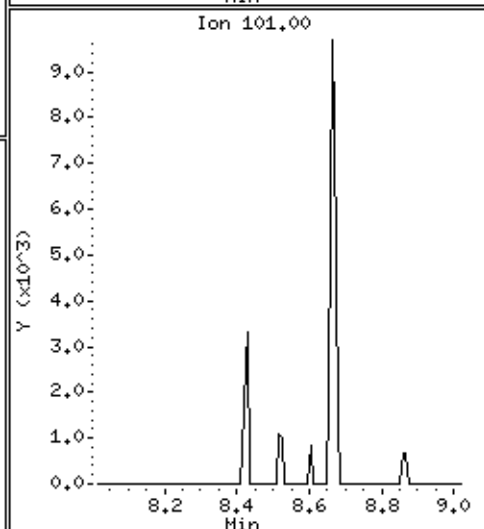
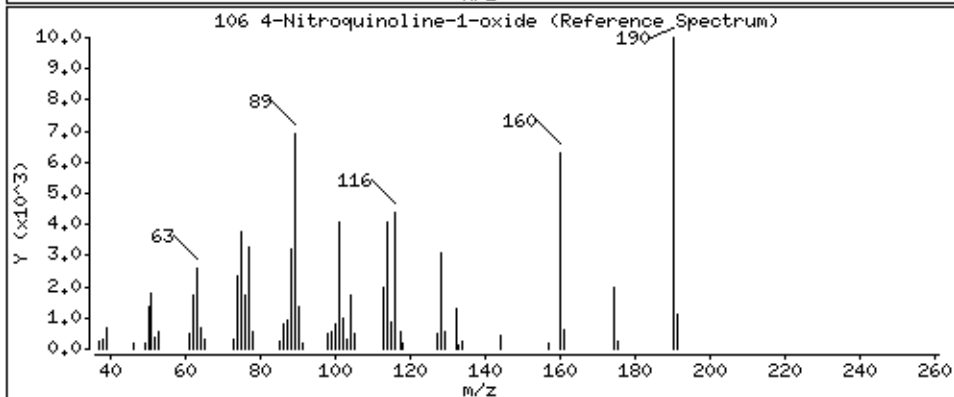
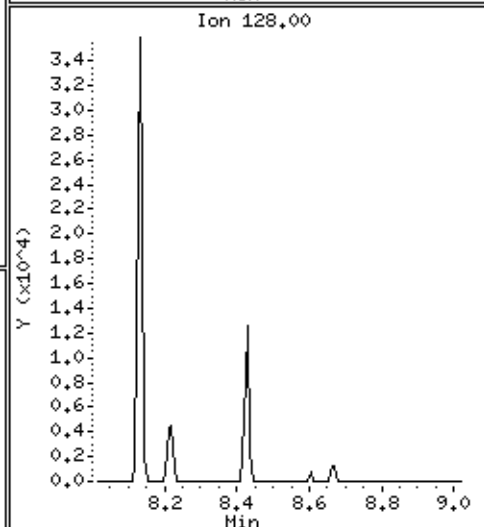
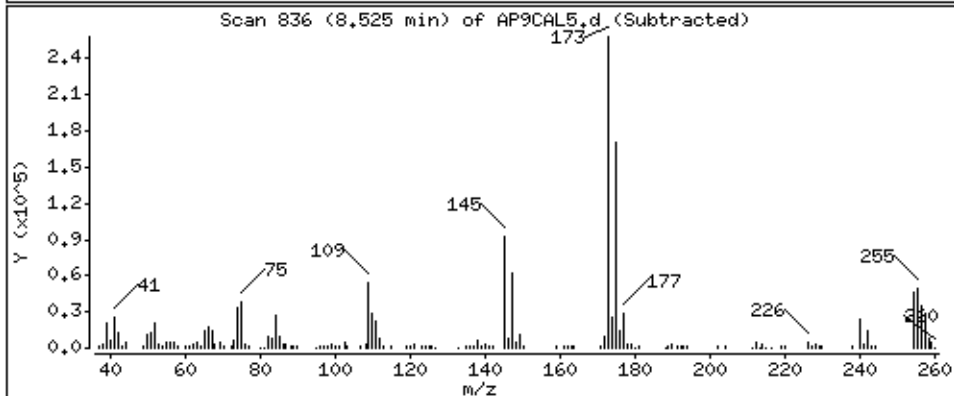
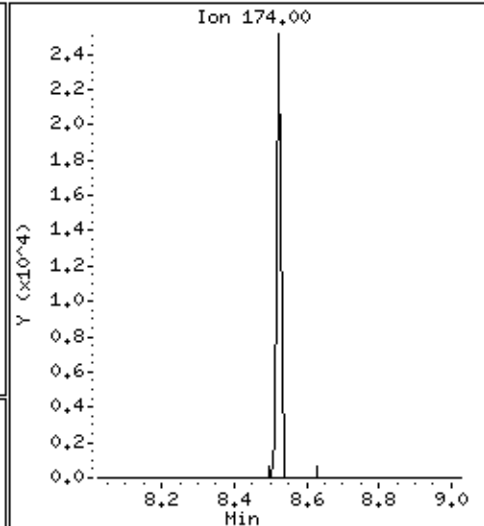
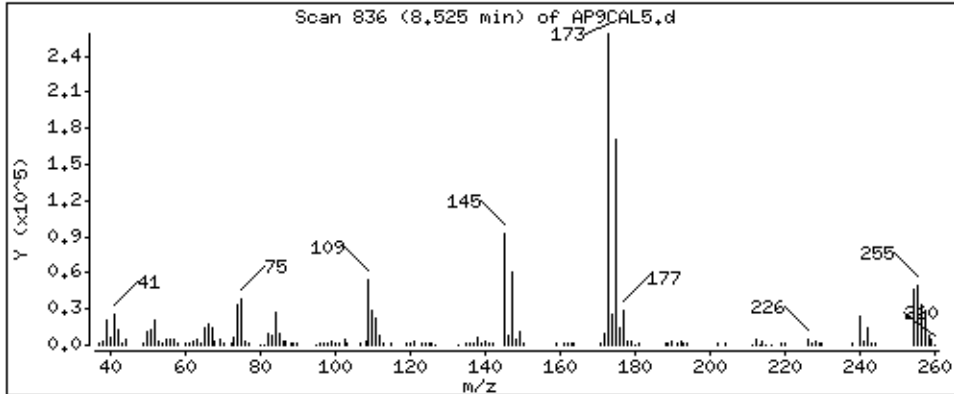
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

106 4-Nitroquinoline-1-oxide

Concentration: 62,9 ug/kg



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

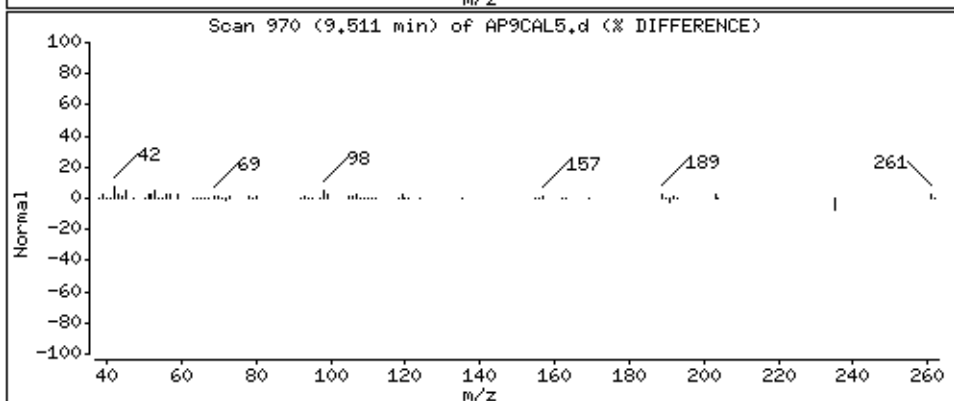
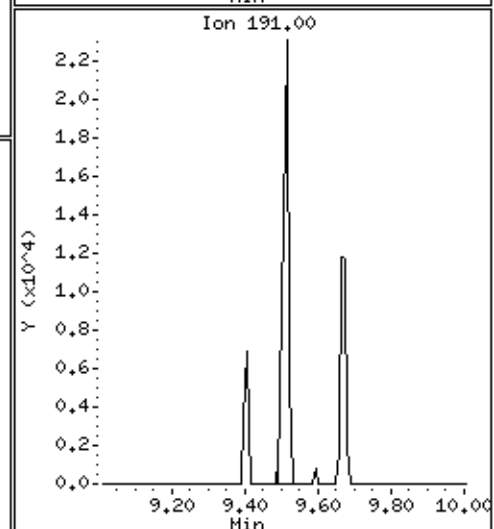
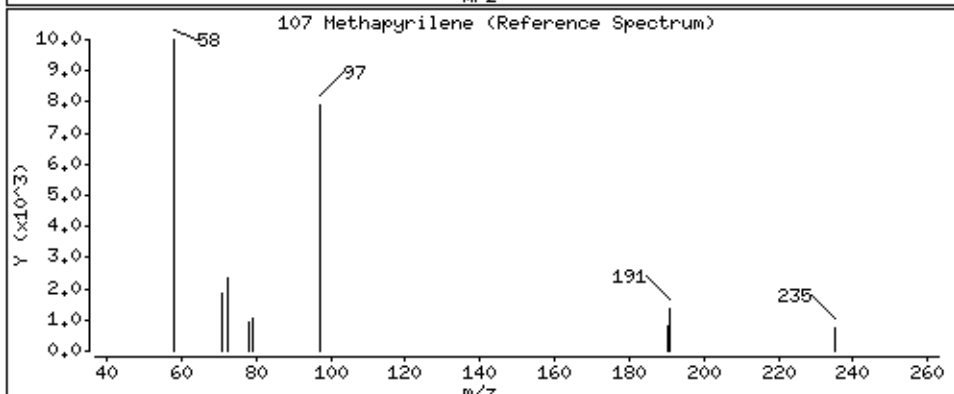
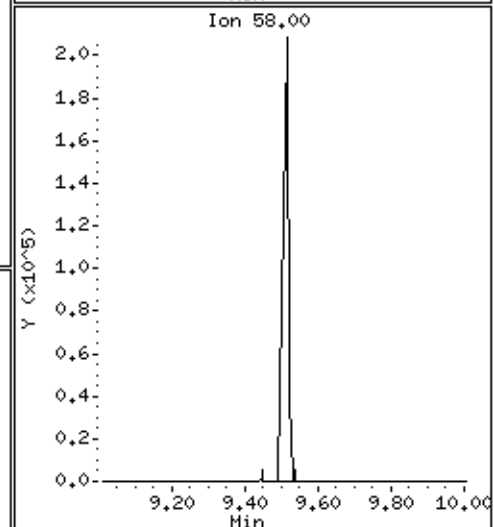
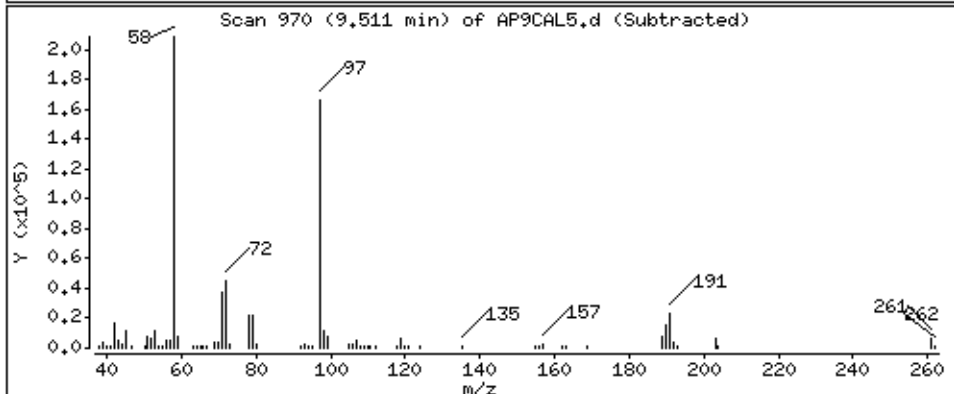
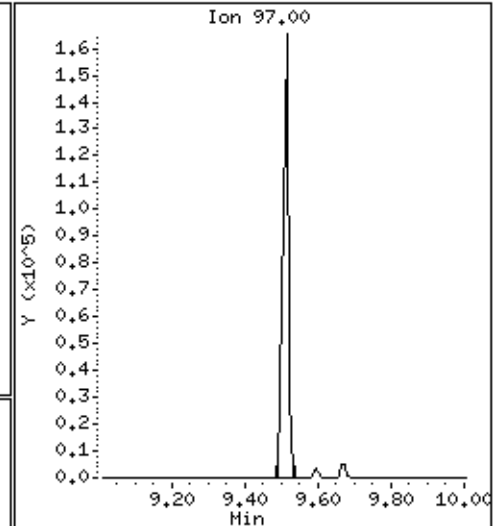
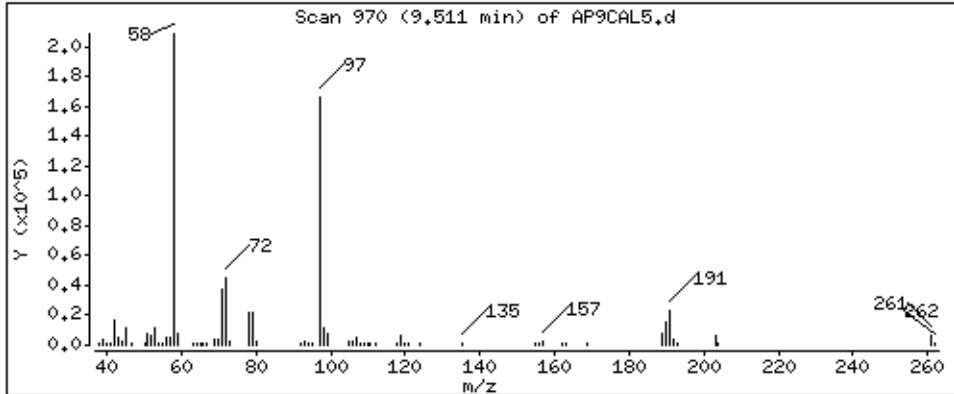
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

107 Methapyrilene

Concentration: 62,2 ug/kg



Date: 15-NOV-2012 10:07

Client ID: AP9CAL5

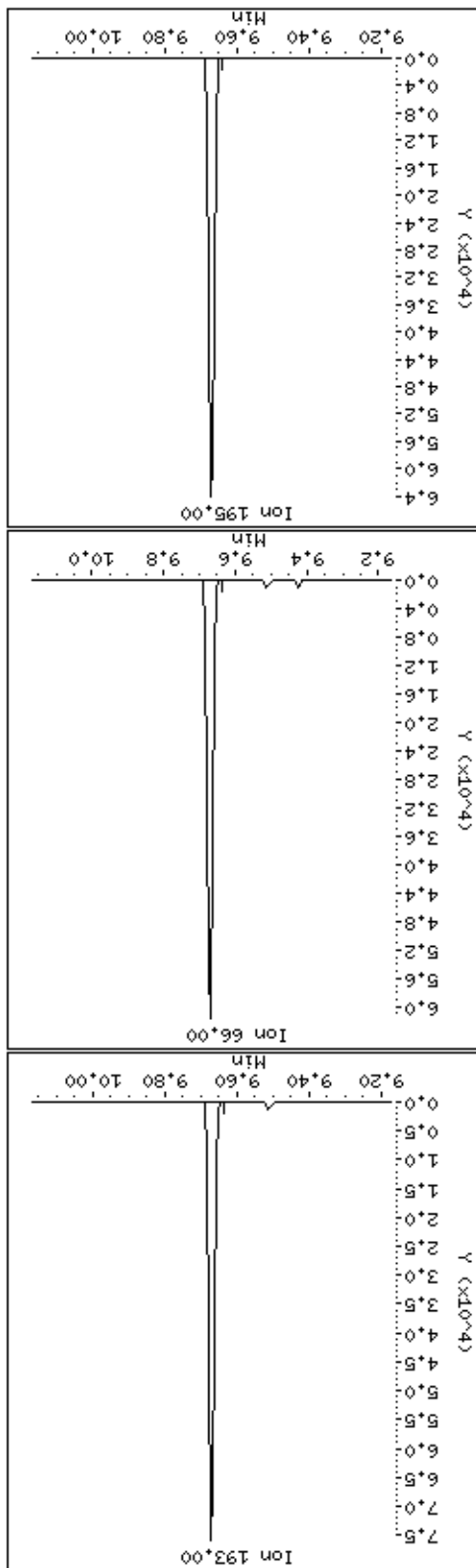
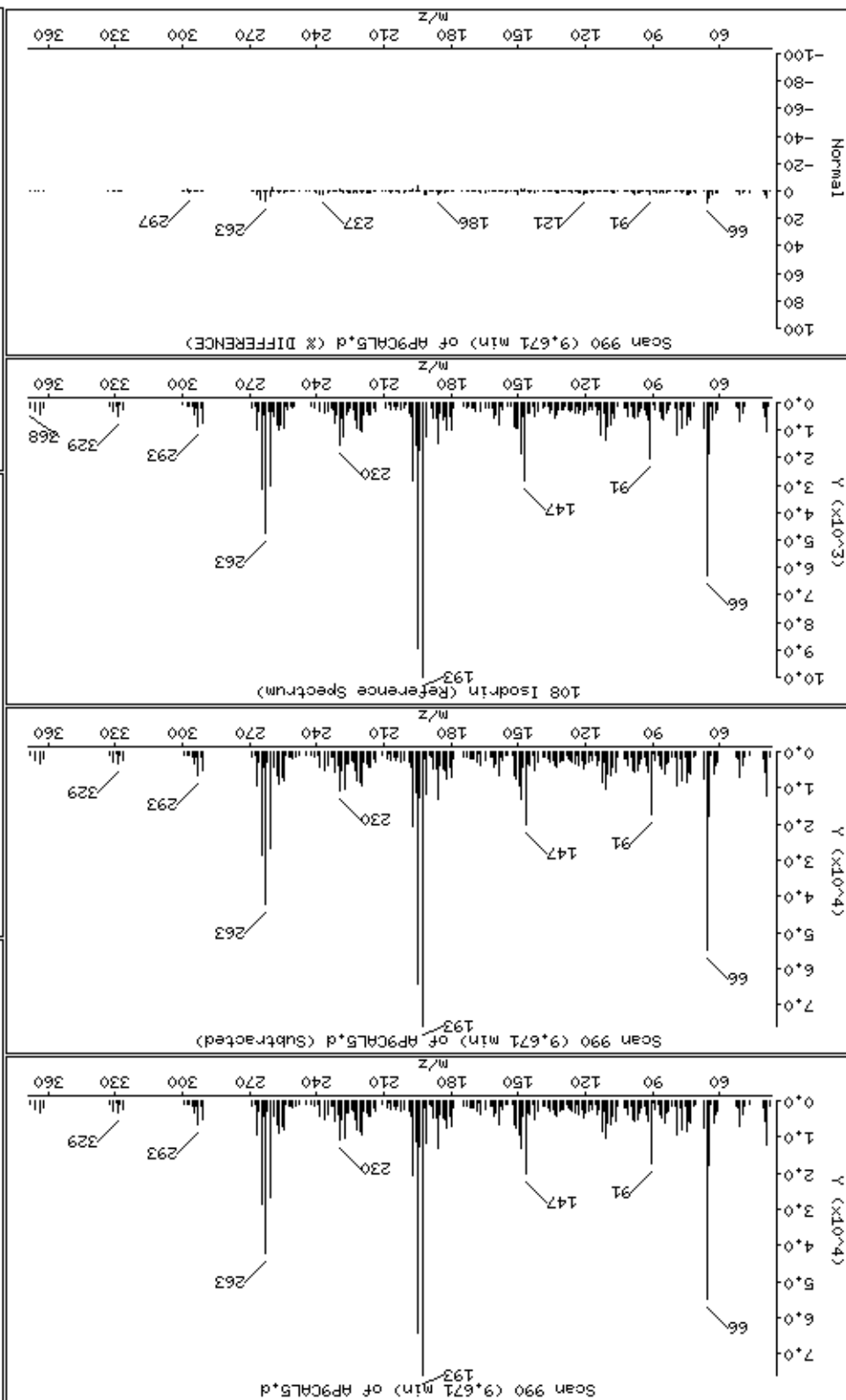
Sample Info: 47935

Operator: MJ

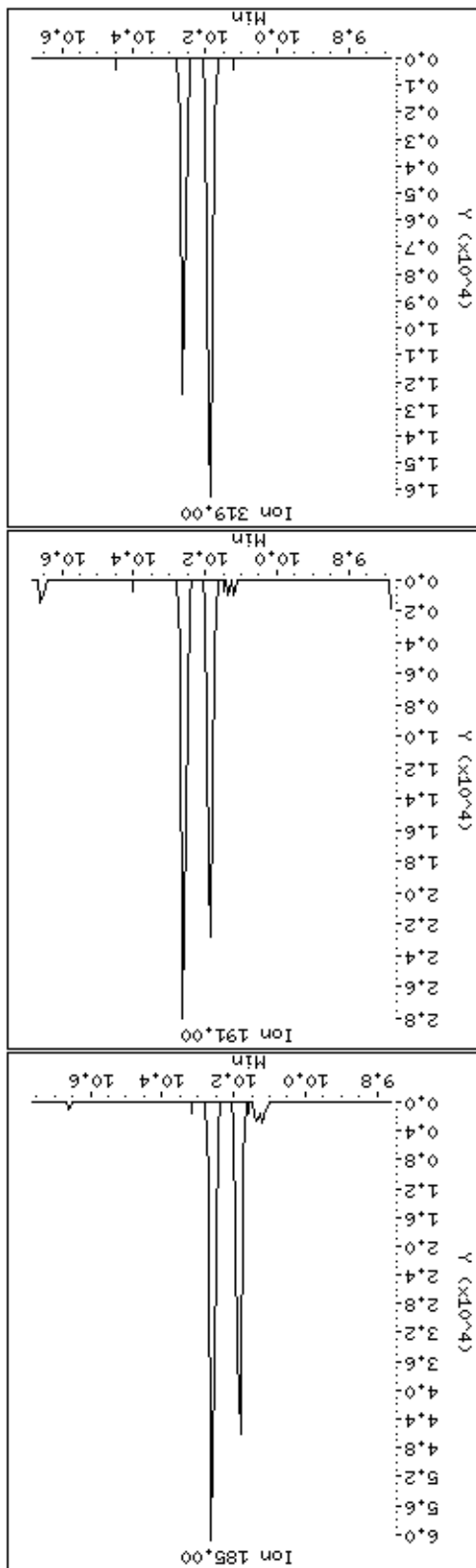
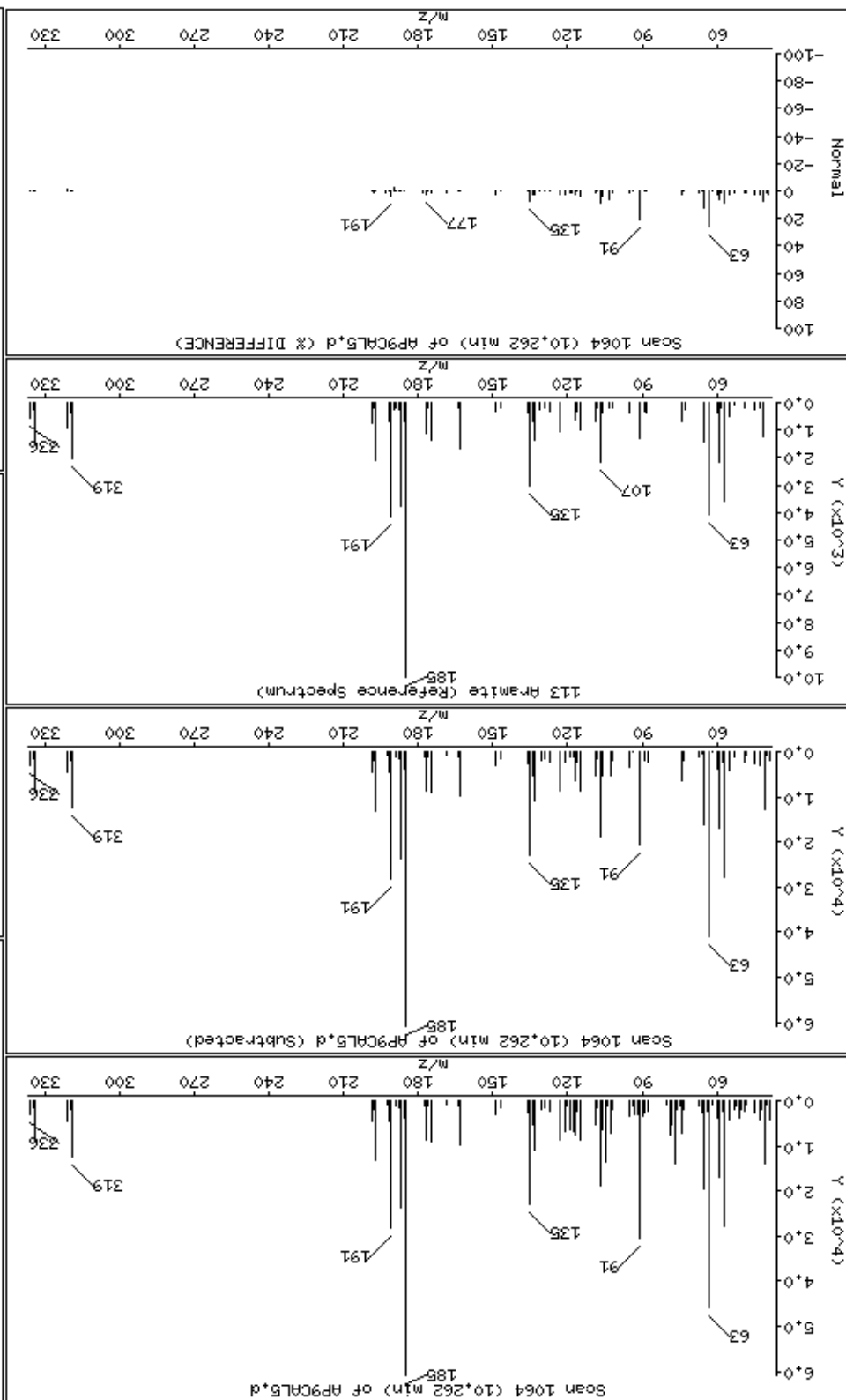
Column diameter: 0.25

Concentration: 62.0 ug/kg

108 Isodrin



113 Aramite



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

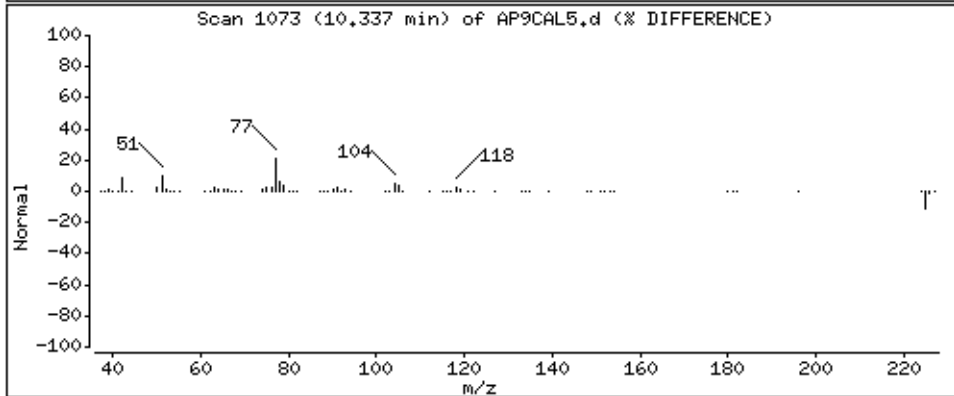
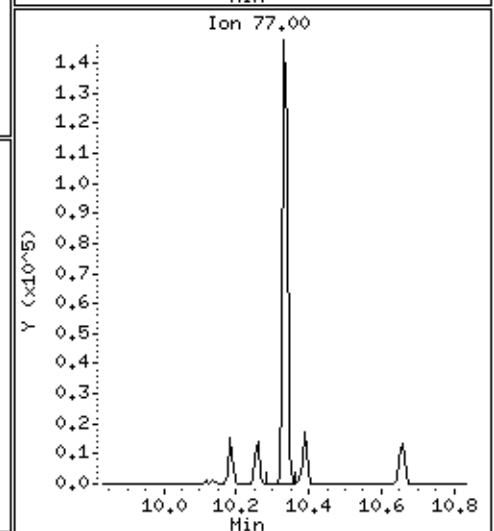
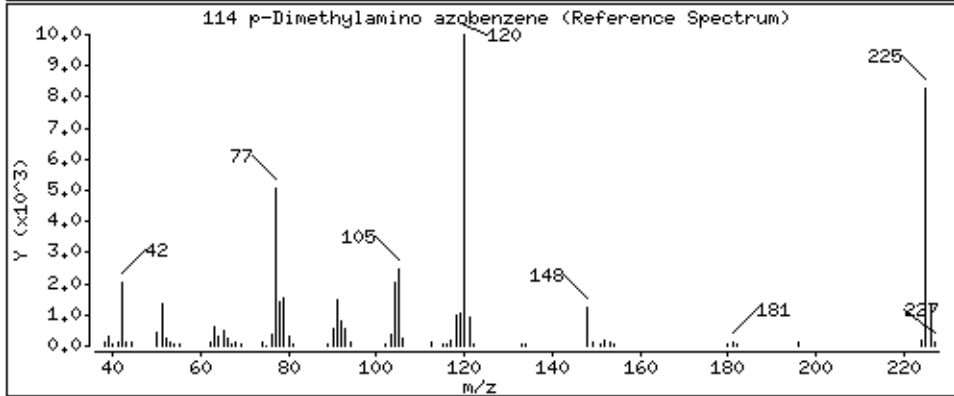
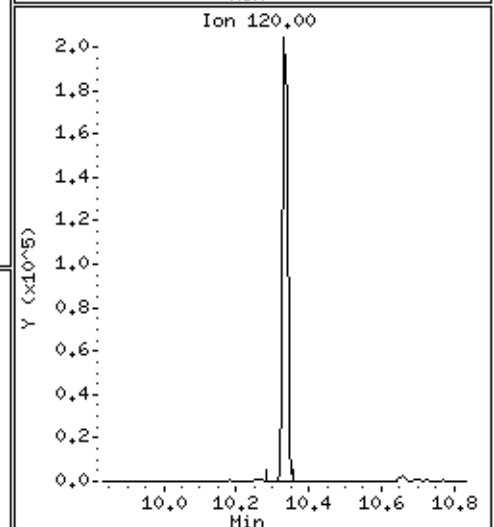
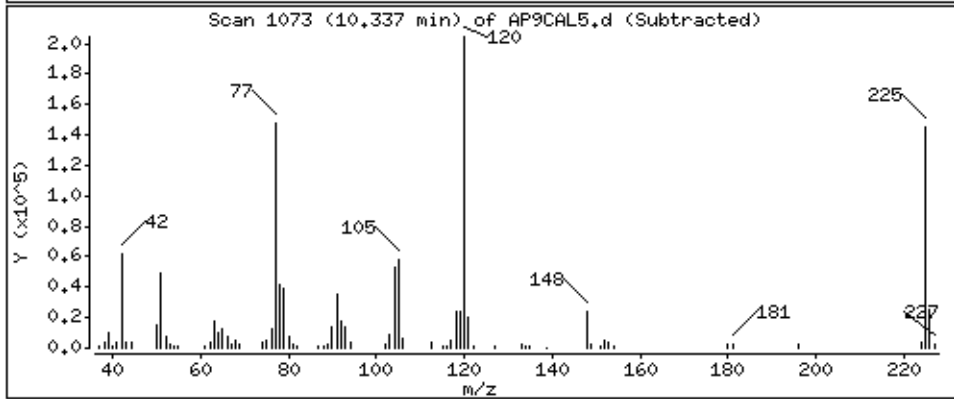
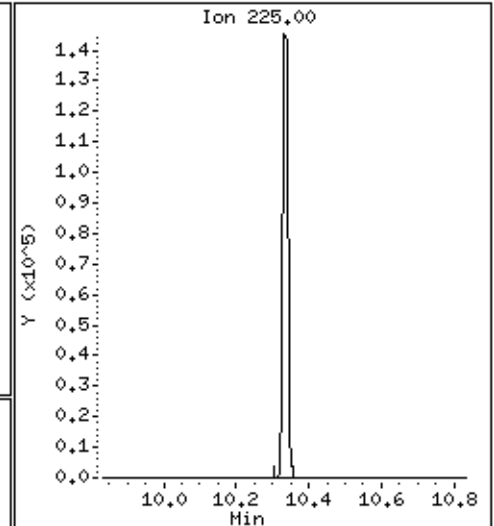
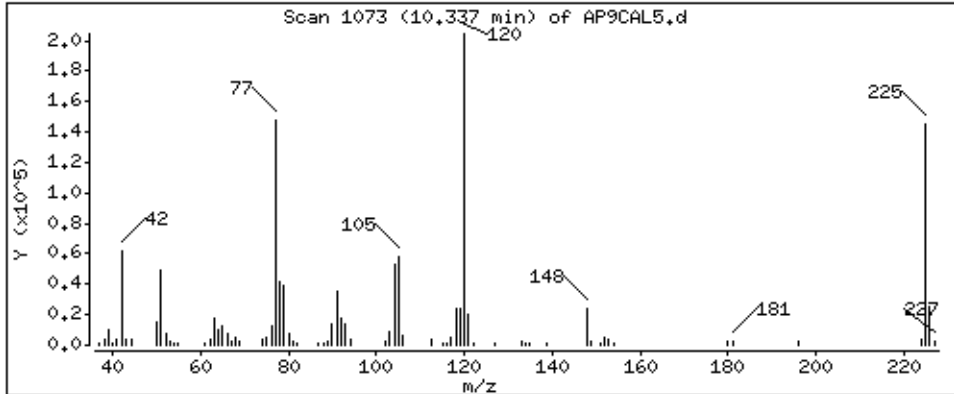
Operator: MJ

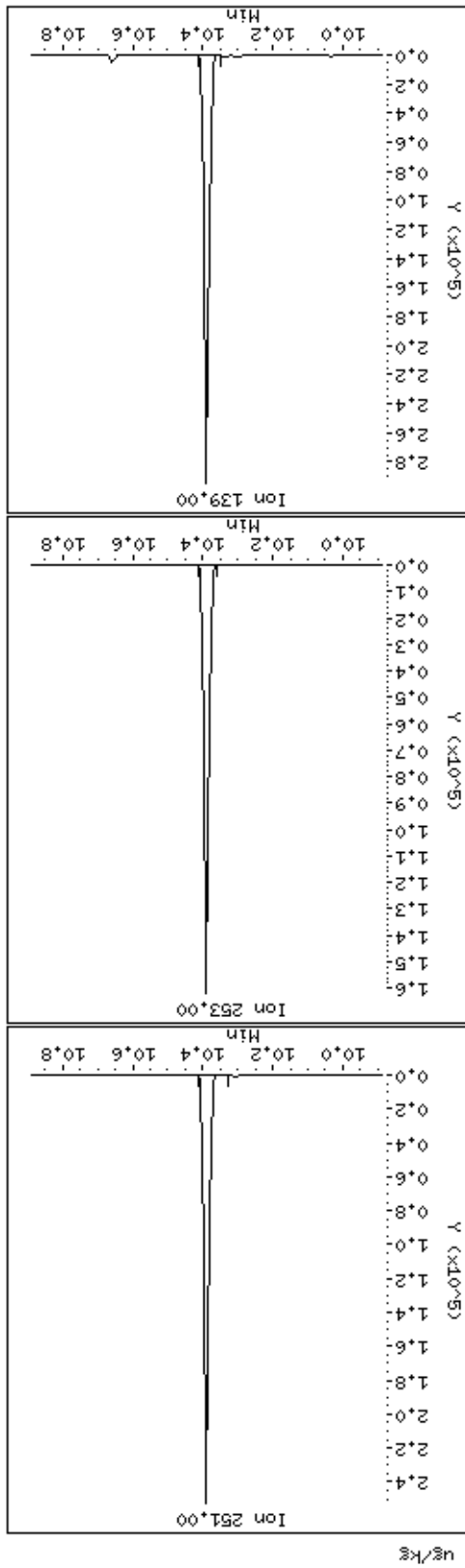
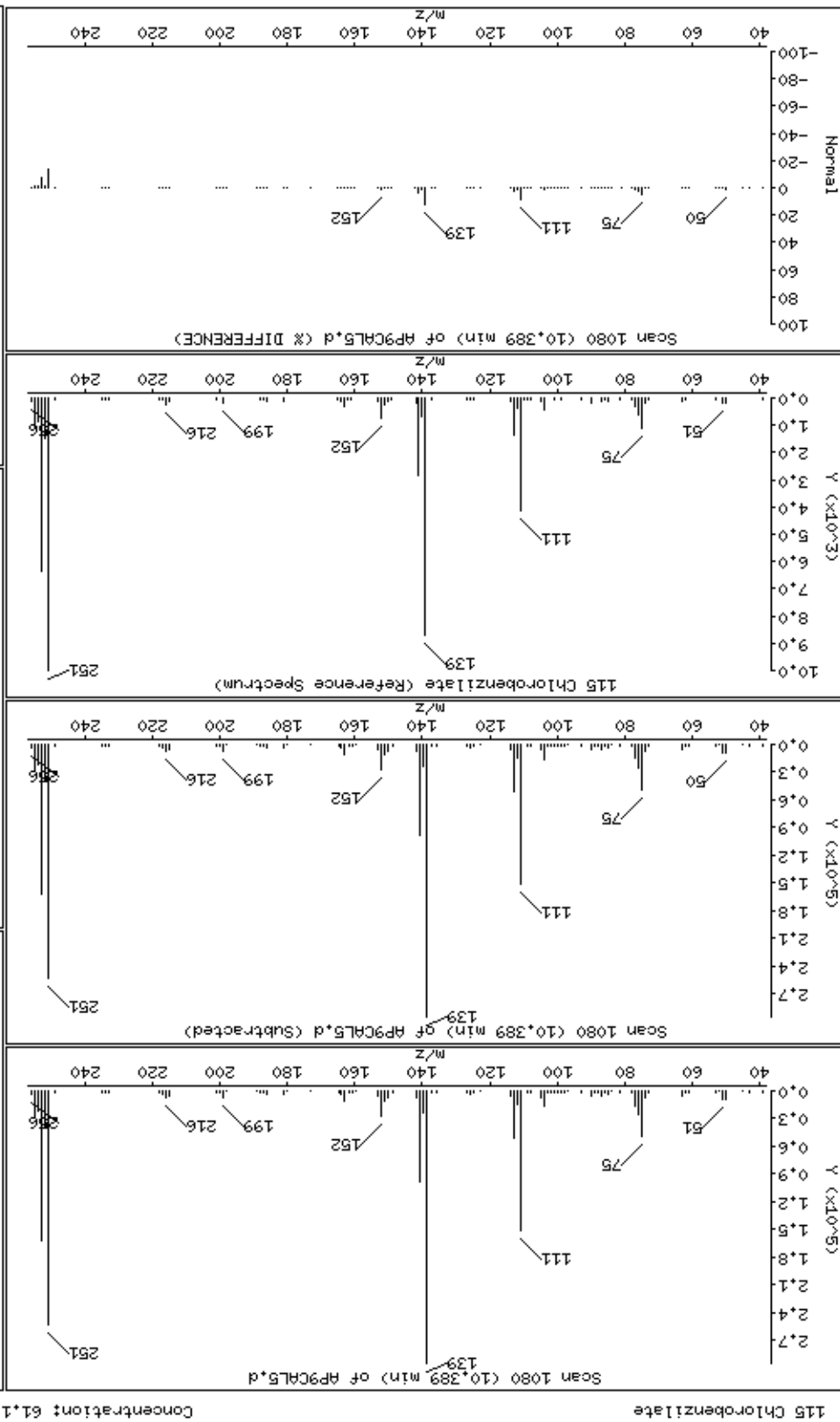
Column phase: HPMS-5

Column diameter: 0,25

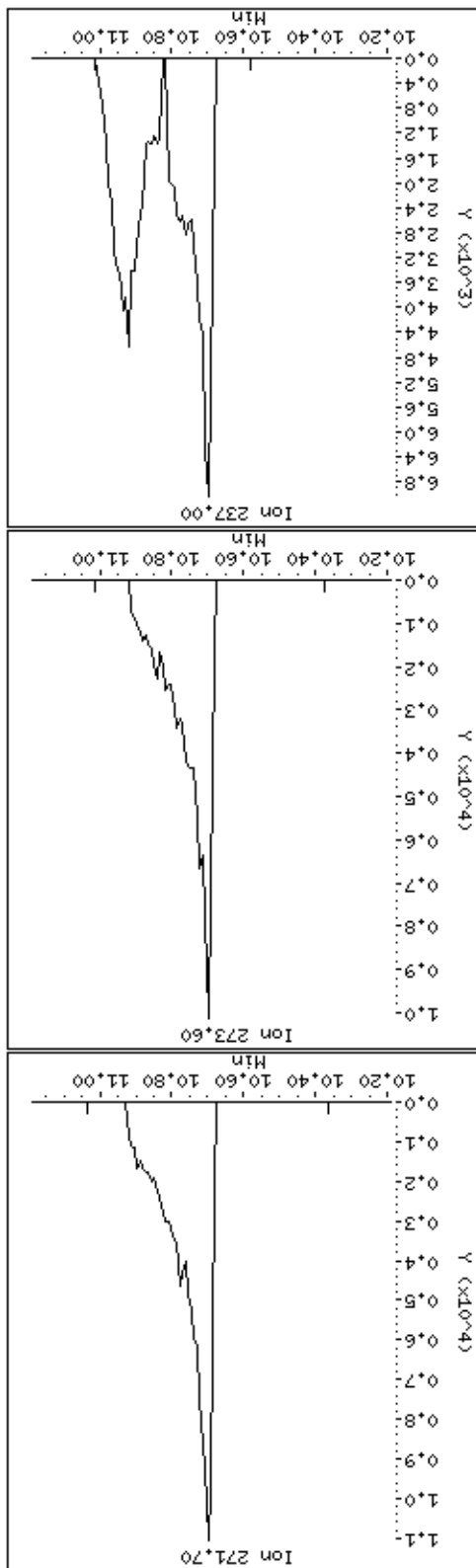
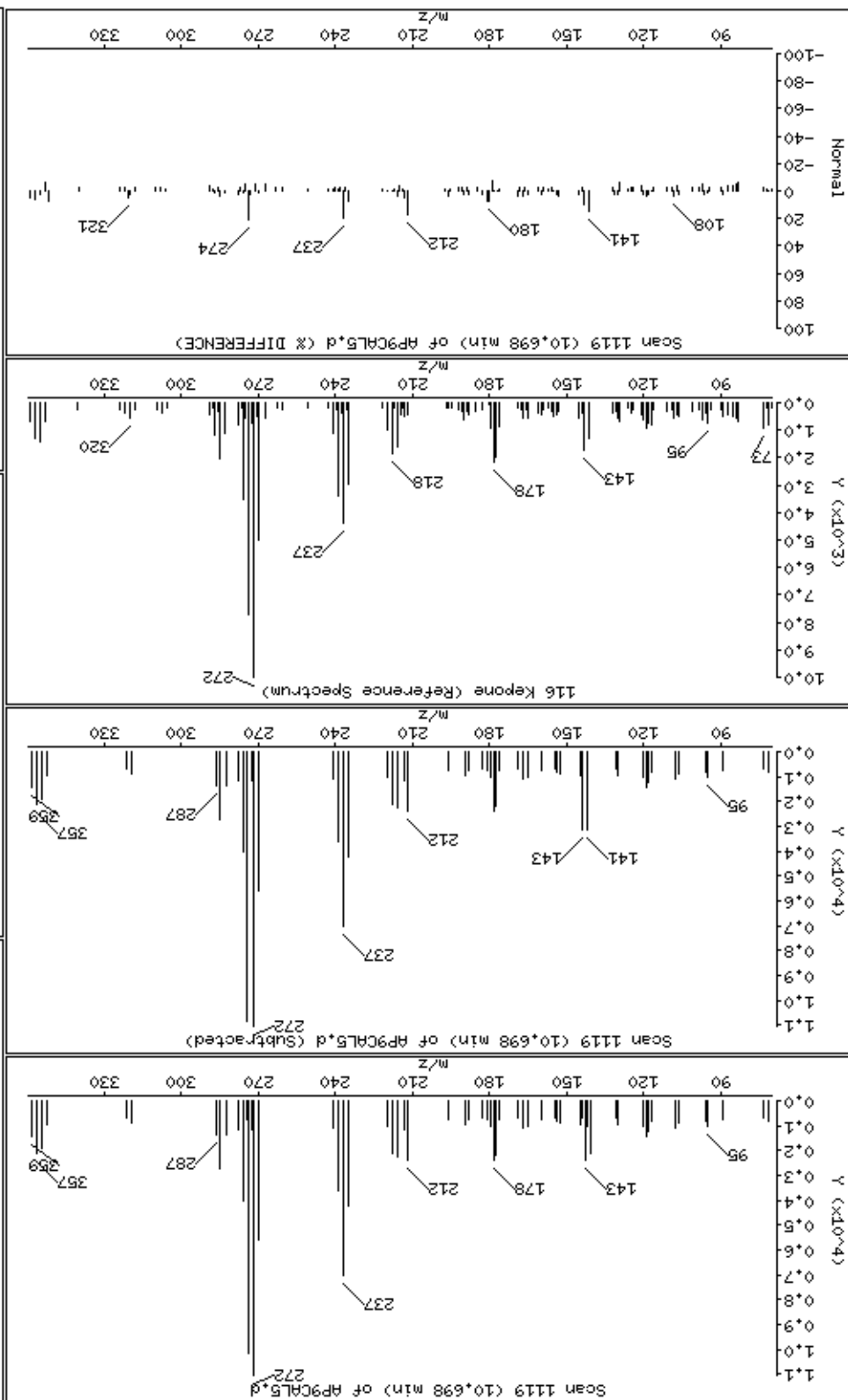
114 p-Dimethylamino azobenzene

Concentration: 63,7 ug/kg





116 Kepone



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

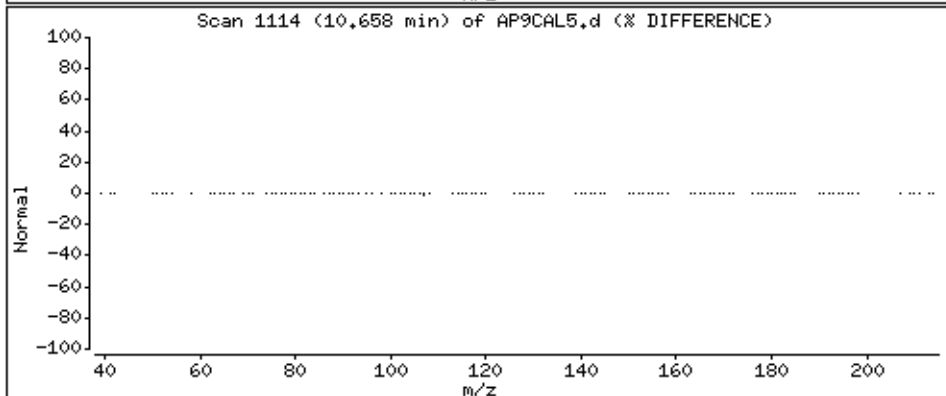
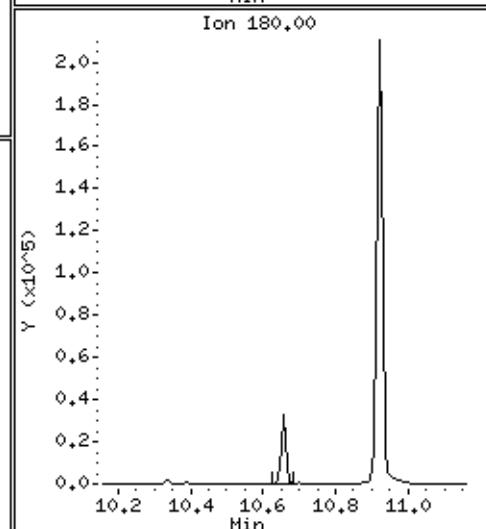
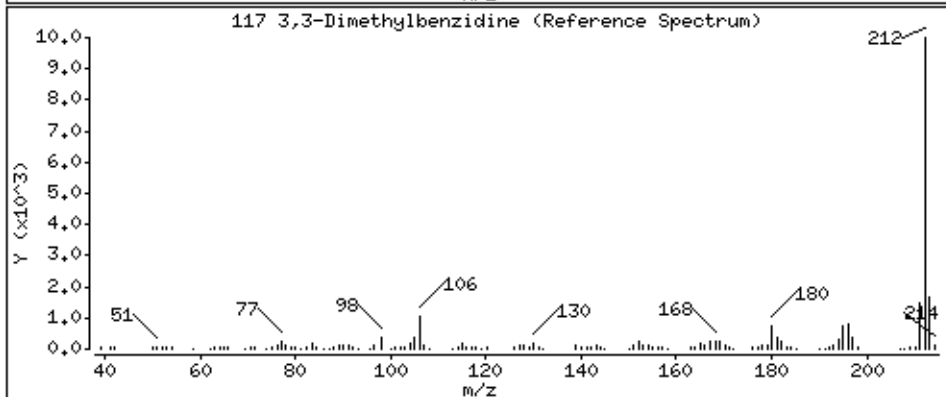
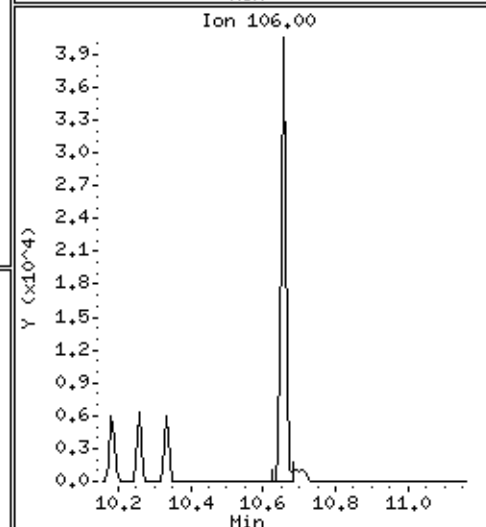
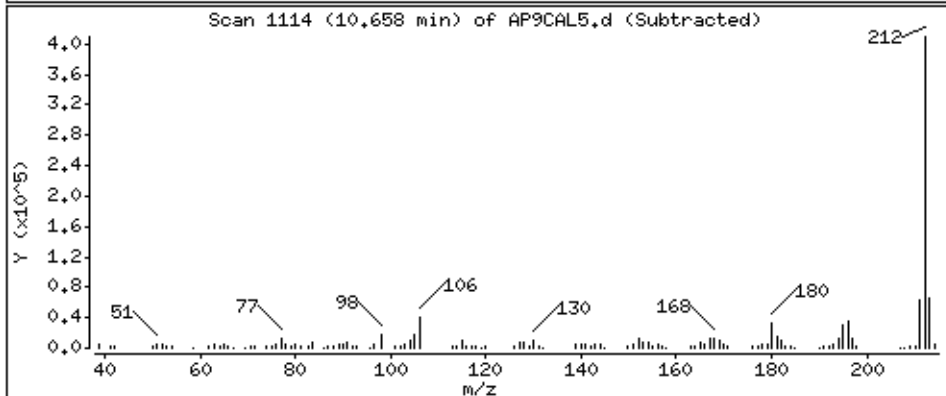
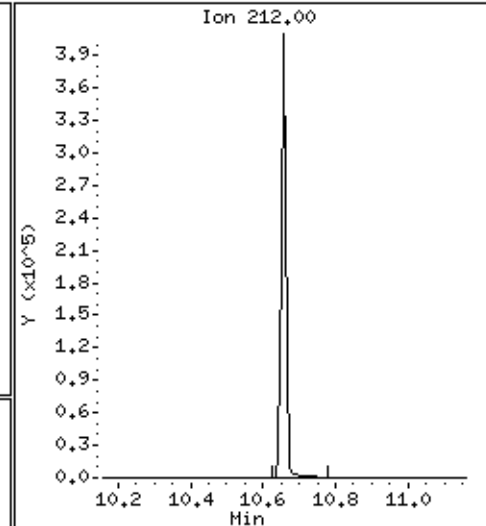
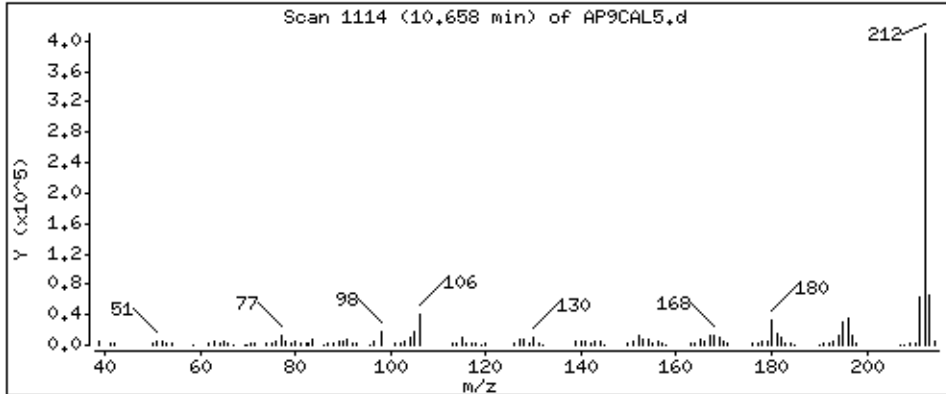
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

117 3,3-Dimethylbenzidine

Concentration: 59,7 ug/kg





Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

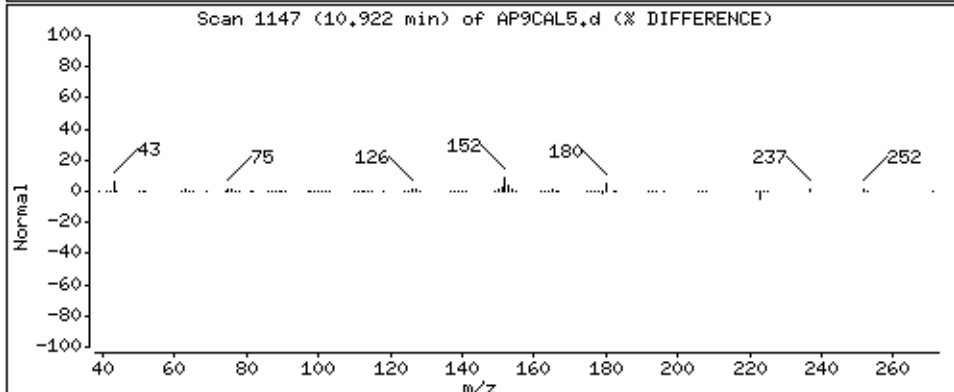
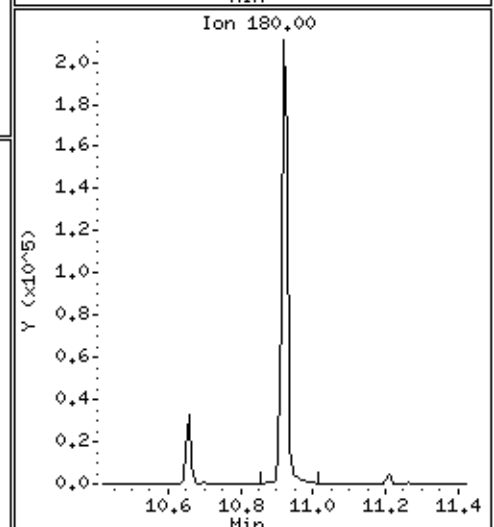
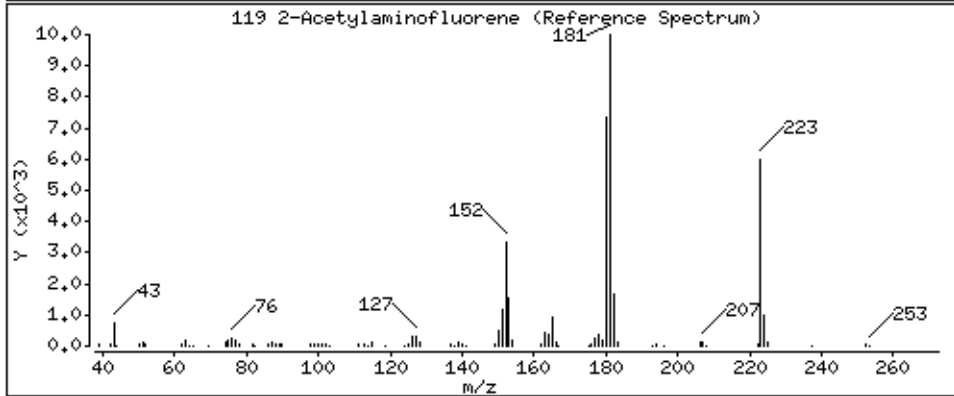
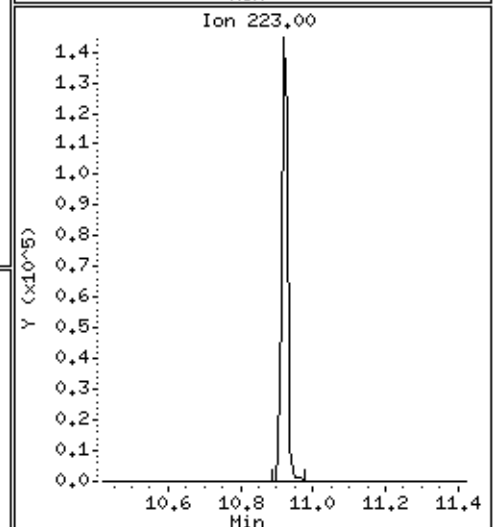
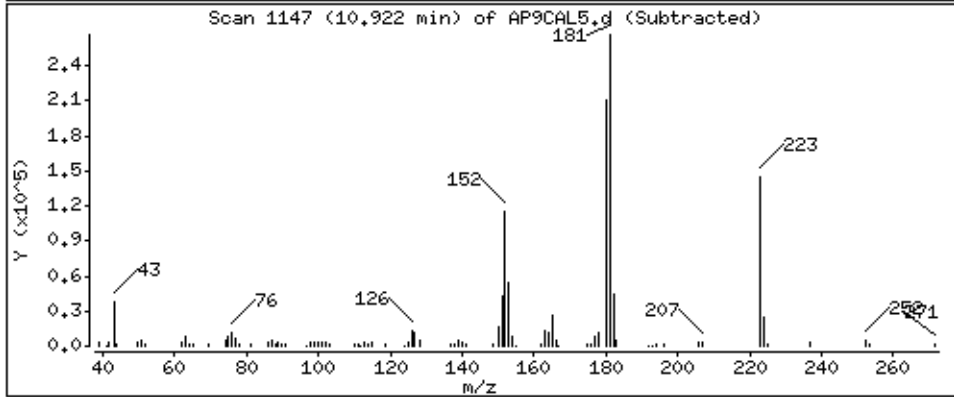
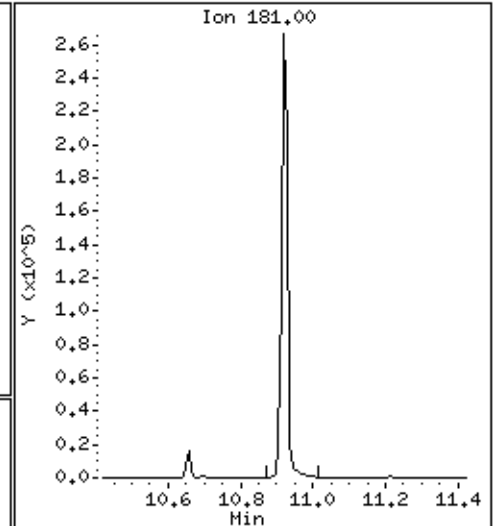
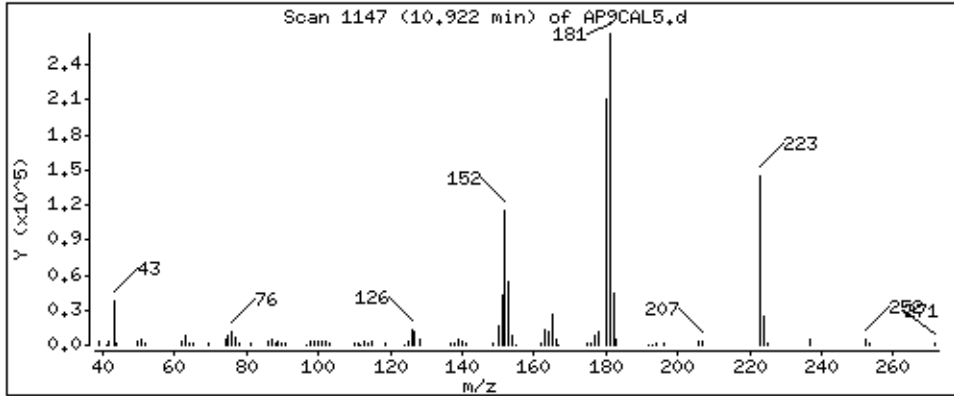
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

119 2-Acetylaminofluorene

Concentration: 60,9 ug/kg



Date: 15-NOV-2012 10:07

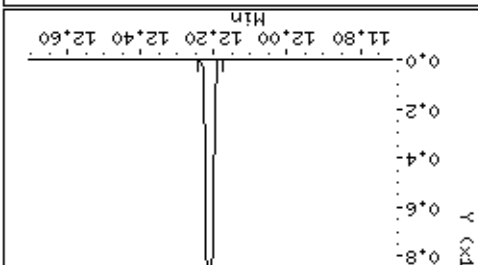
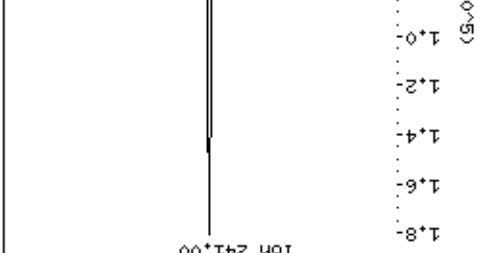
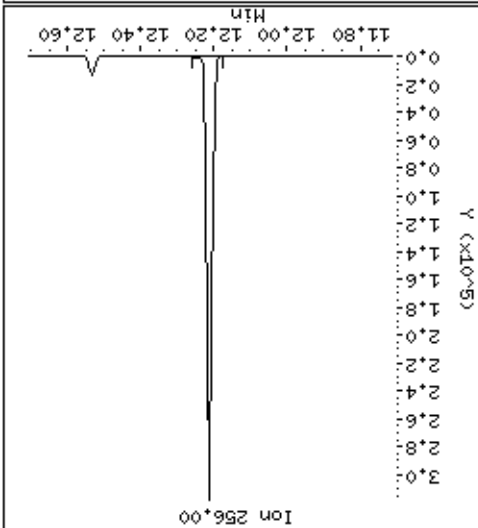
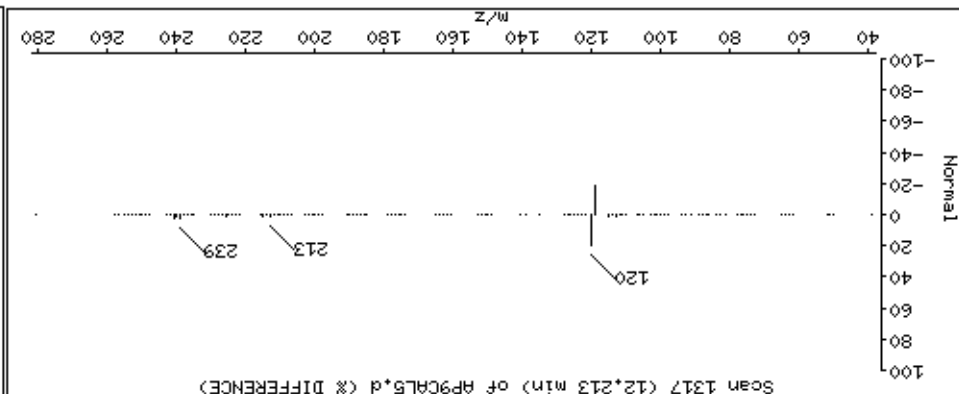
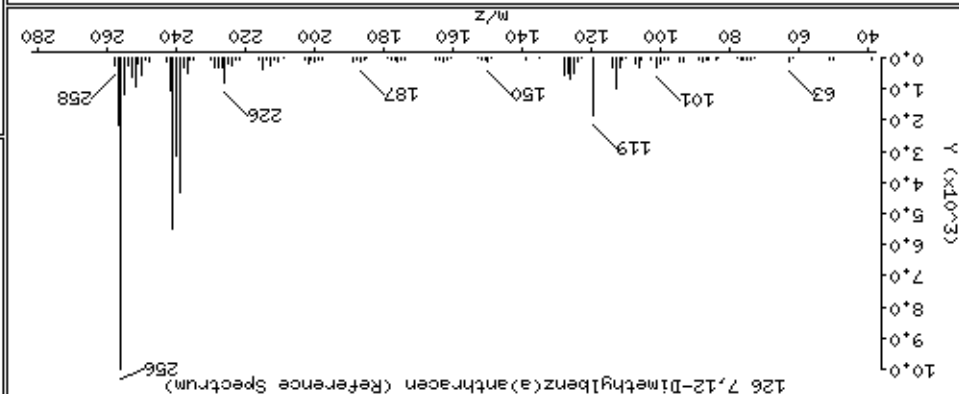
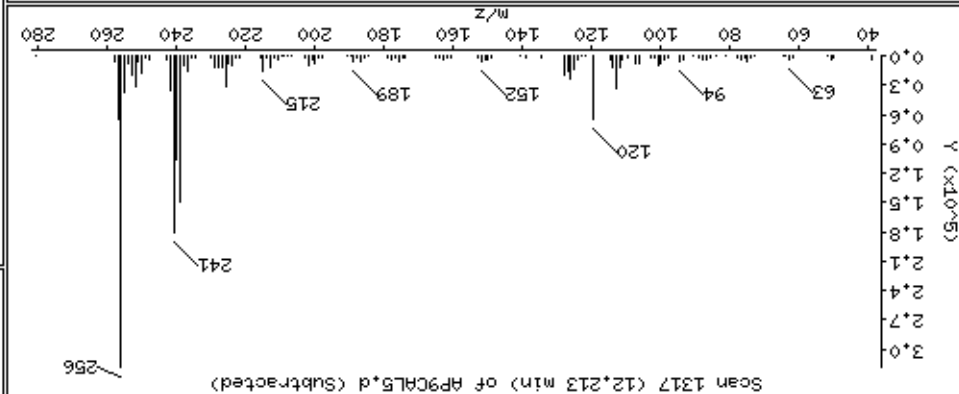
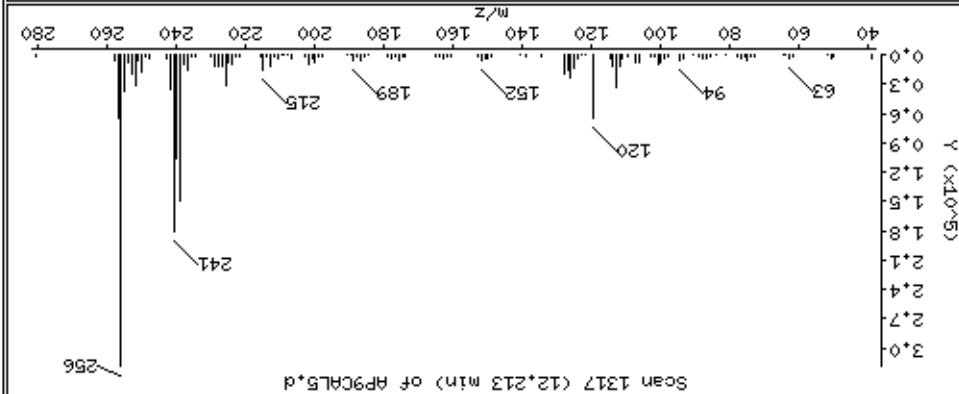
Client ID: AP9CAL5

Sample Info: 47935

Operator: MJ

Column diameter: 0.25

Concentration: 62.3 ug/kg



Date : 15-NOV-2012 10:07

Client ID: AP9CAL5

Instrument: smsd04.i

Sample Info: 47935

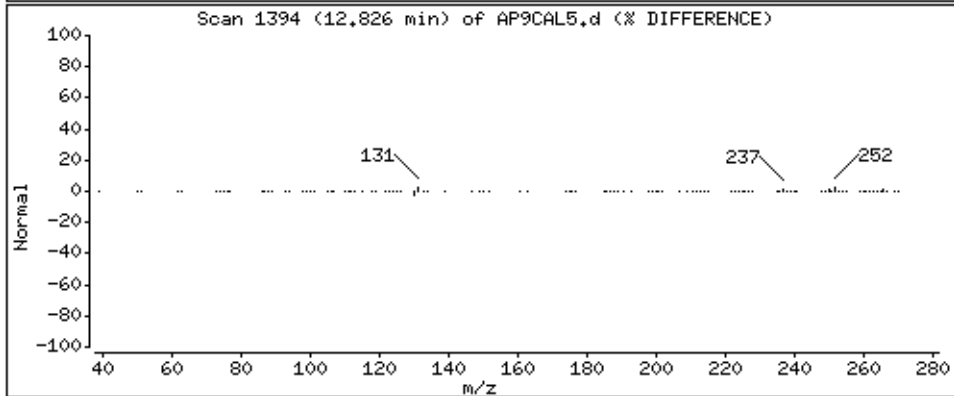
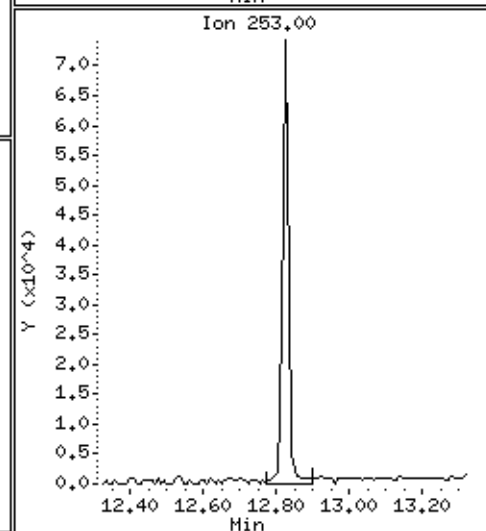
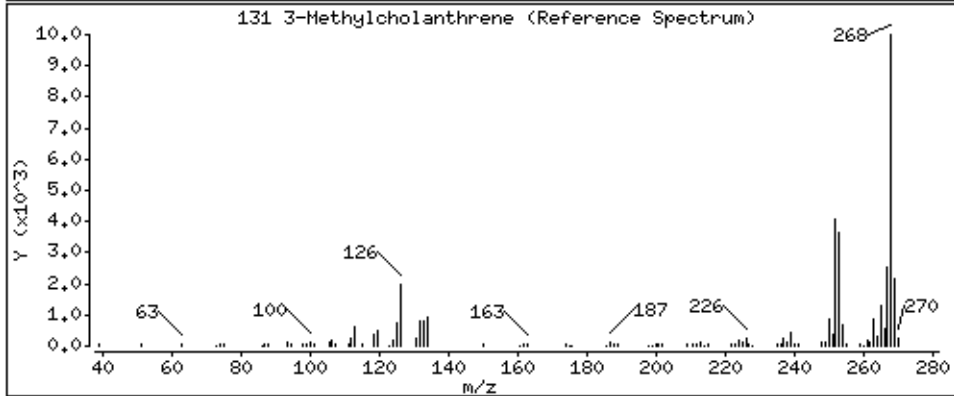
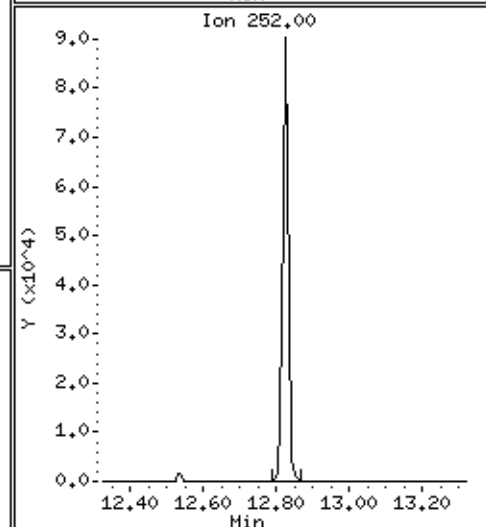
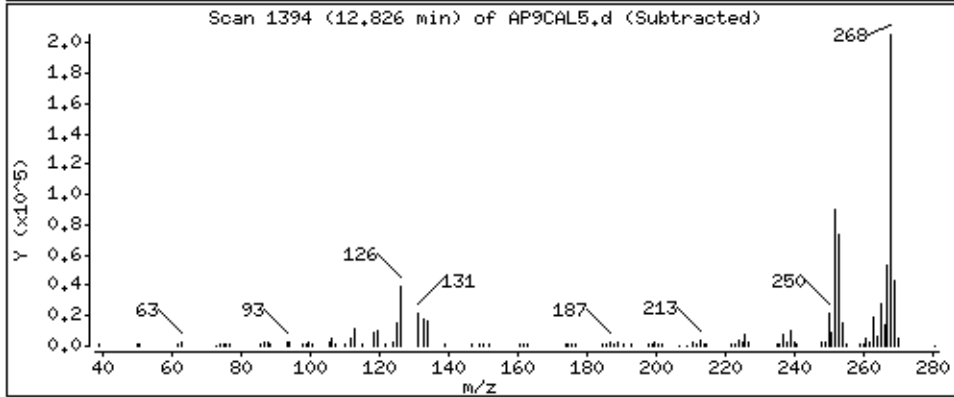
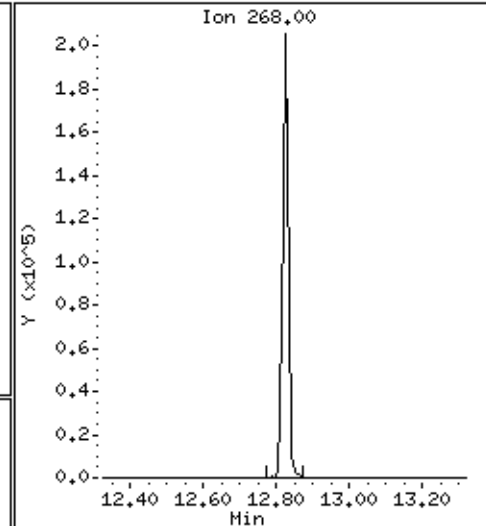
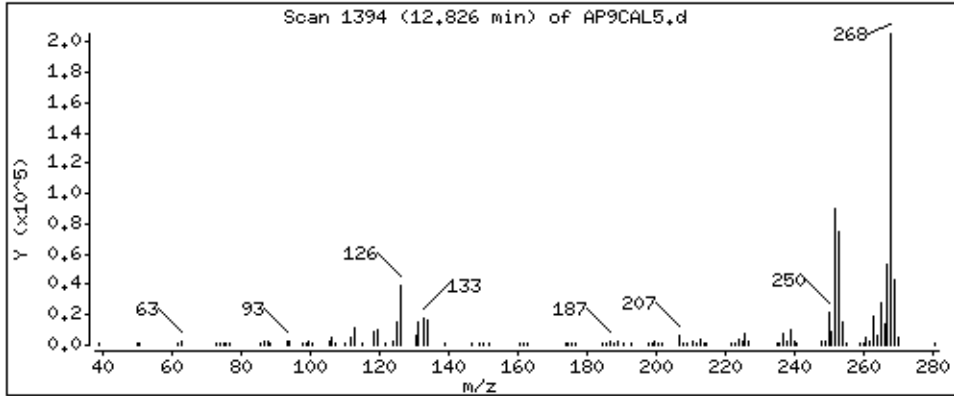
Operator: MJ

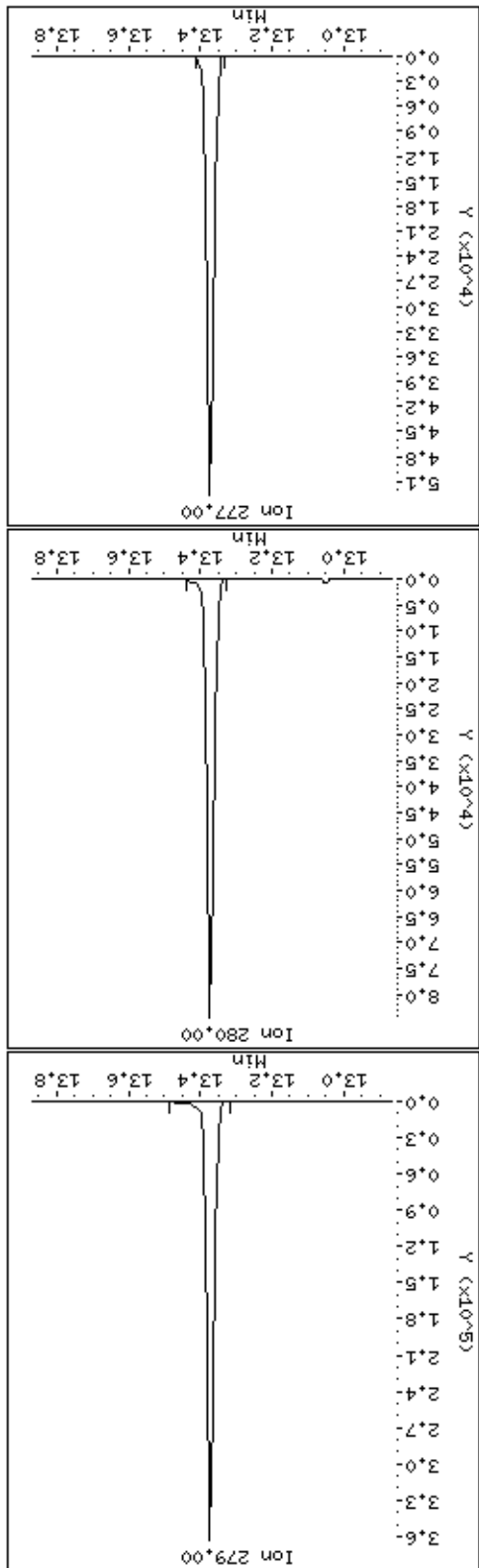
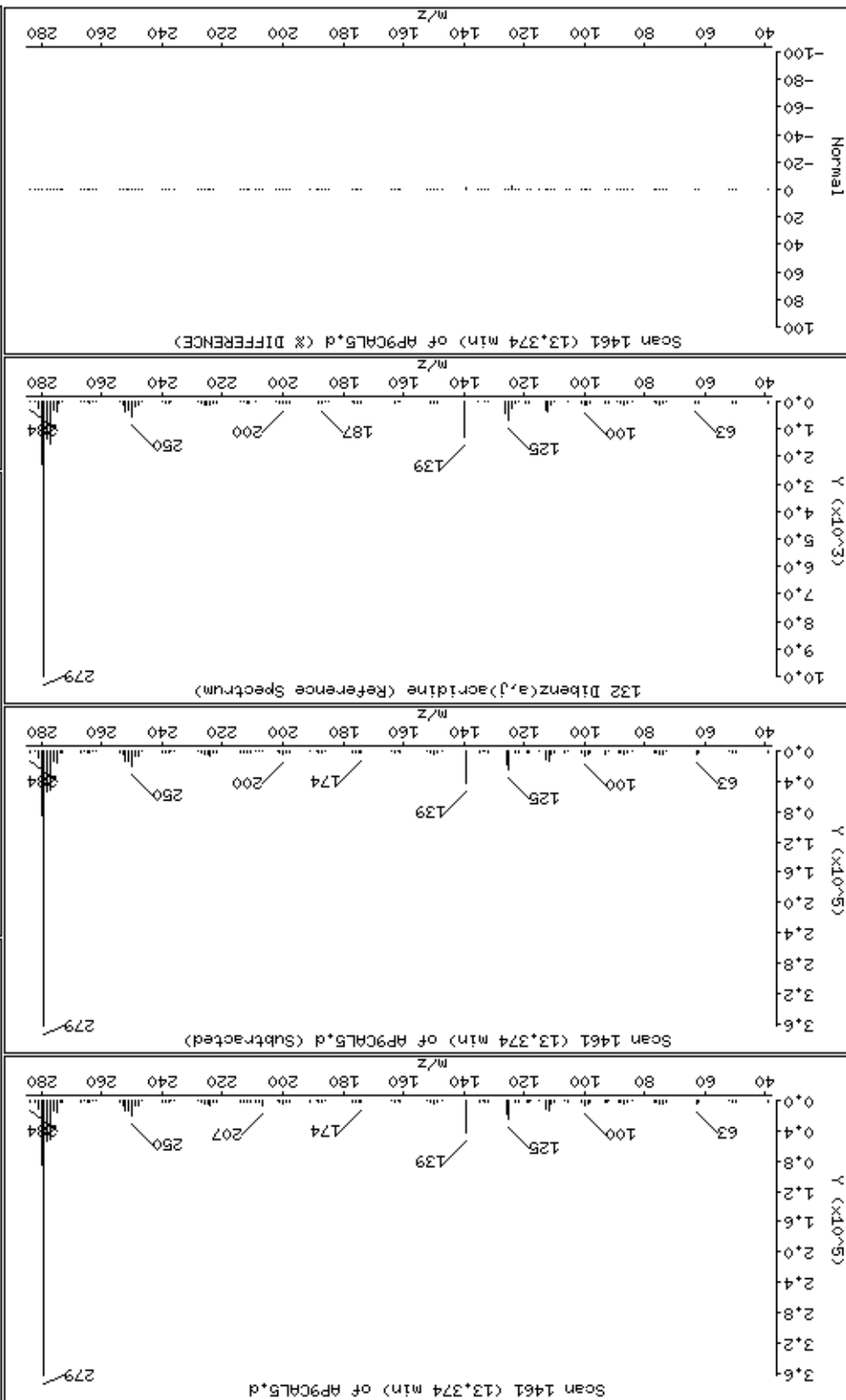
Column phase: HPMS-5

Column diameter: 0,25

131 3-Methylcholanthrene

Concentration: 63,3 ug/kg





PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\AP9CAL4.d  
 Lab Smp Id: 47936 Client Smp ID: AP9CAL4  
 Inj Date : 15-NOV-2012 10:28 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47936  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 10:28 Cal File: AP9CAL4.d  
 Als bottle: 44 Calibration Sample, Level: 4  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: ap9cal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
3 2- Picoline CAS #: 109-06-8									
2.787	2.786 ( 0.649)		93	184294	45.0000	45.2	80.00- 120.00	100.00	
2.787	2.785 ( 0.649)		66	90963			18.85- 78.85	49.36	
2.787	2.786 ( 0.649)		92	47187			0.00- 55.79	25.60	
4 N-Nitrosomethylethylamine CAS #: 10595-95-6									
2.894	2.892 ( 0.674)		88	82524	45.0000	47.2	80.00- 120.00	100.00	
2.893	2.893 ( 0.674)		43	56452			40.05- 100.05	68.41	
2.893	2.892 ( 0.674)		42	89404			84.22- 144.22	108.34	
5 Methyl Methanesulfonate CAS #: 66-27-3									
3.141	3.139 ( 0.731)		80	106831	45.0000	44.6	80.00- 120.00	100.00	
3.140	3.139 ( 0.731)		79	72125			37.37- 97.37	67.51	
3.141	3.139 ( 0.731)		65	30143			0.00- 58.04	28.22	
7 N-Nitrosodiethylamine CAS #: 55-18-5									
3.446	3.445 ( 0.802)		102	80849	45.0000	46.3	80.00- 120.00	100.00	
3.445	3.444 ( 0.802)		42	70390			59.82- 119.82	87.06	
3.445	3.444 ( 0.802)		57	41930			22.61- 82.61	51.86	
8 Ethyl Methanesulfonate CAS #: 62-50-0									
3.691	3.691 ( 0.860)		79	133277	45.0000	45.5	80.00- 120.00	100.00	

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
8 Ethyl Methanesulfonate (continued)									
3.692	3.691	( 0.860)	109	75607			26.91-	86.91	56.73
3.691	3.691	( 0.860)	97	27168			0.00-	49.95	20.38
-----									
12 Pentachloroethane CAS #: 76-01-7									
4.048	4.048	( 0.942)	167	73161	45.0000	45.7	80.00-	120.00	100.00(M)
4.048	4.048	( 0.942)	117	62960			54.61-	114.61	86.06
4.048	4.048	( 0.942)	130	27248			8.16-	68.16	37.24
-----									
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.295	4.294	( 1.000)	152	105055	40.0000		80.00-	120.00	100.00
4.295	4.294	( 1.000)	115	68272			34.81-	94.81	64.99
4.295	4.294	( 1.000)	150	163336			126.51-	186.51	155.48
-----									
24 N-Nitrosopyrrolidine CAS #: 930-55-2									
4.673	4.671	( 1.088)	100	87555	45.0000	46.6	80.00-	120.00	100.00
4.673	4.670	( 1.088)	41	84970			67.29-	127.29	97.05
4.673	4.671	( 1.088)	42	76102			56.85-	116.85	86.92
-----									
25 Acetophenone CAS #: 98-86-2									
4.675	4.675	( 0.856)	105	245736	45.0000	46.0	80.00-	120.00	100.00
4.675	4.675	( 0.856)	77	224990			60.51-	120.51	91.56
4.675	4.674	( 0.856)	51	76973			1.60-	61.60	31.32
-----									
27 N-Nitrosomorpholine CAS #: 59-89-2									
4.686	4.684	( 1.091)	56	109252	45.0000	45.8	80.00-	120.00	100.00
4.686	4.685	( 1.091)	116	35439			2.11-	62.11	32.44
4.686	4.684	( 1.091)	86	54108			18.75-	78.75	49.53
-----									
29 o-Toluidine CAS #: 95-53-4									
4.716	4.715	( 1.098)	106	252423	45.0000	76.4	80.00-	120.00	100.00(H)
4.716	4.715	( 1.098)	77	56317			0.00-	51.90	22.31
4.716	4.715	( 1.098)	107	187916			44.38-	104.38	74.44
-----									
33 N-Nitrosopiperidine CAS #: 100-75-4									
4.968	4.967	( 0.909)	114	75275	45.0000	45.7	80.00-	120.00	100.00
4.968	4.967	( 0.909)	42	113698			123.47-	183.47	151.04
4.968	4.967	( 0.909)	55	60114			53.49-	113.49	79.86
-----									
37 o,o,o-Triethylphosphorothioate CAS #: 126-68-1									
5.263	5.263	( 1.225)	198	91494	45.0000	45.3	80.00-	120.00	100.00
5.263	5.262	( 1.225)	97	76725			54.13-	114.13	83.86
5.263	5.262	( 1.225)	65	64213			38.00-	98.00	70.18
-----									
39 a,a-Dimethylphenethylamine CAS #: 122-09-8									
5.329	5.375	( 0.975)	58	402589	45.0000	46.5	80.00-	120.00	100.00
5.312	5.375	( 0.972)	91	66617			0.00-	50.20	16.55
5.330	5.376	( 0.976)	65	36713			0.00-	36.52	9.12
-----									
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.463	5.463	( 1.000)	136	355446	40.0000		80.00-	120.00	100.00
5.463	5.463	( 1.000)	68	26597			0.00-	37.51	7.48
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
46 2,6-Dichlorophenol					CAS #: 87-65-0				
5.559	5.559	( 1.018)	162	132675	45.0000	45.6	80.00-	120.00	100.00
5.559	5.558	( 1.017)	63	96443			41.54-	101.54	72.69
5.559	5.559	( 1.018)	98	38040			0.00-	57.68	28.67
-----					-----				
47 Hexachloropropene					CAS #: 1888-71-7				
5.597	5.597	( 1.025)	213	131067	45.0000	47.0	80.00-	120.00	100.00
5.597	5.597	( 1.025)	215	82938			34.38-	94.38	63.28
5.597	5.597	( 1.024)	117	32954			0.00-	55.68	25.14
-----					-----				
49 N-Nitrosodi-n-butylamine					CAS #: 924-16-3				
5.890	5.890	( 1.078)	84	131133	45.0000	45.8	80.00-	120.00	100.00
5.890	5.890	( 1.078)	57	95768			42.68-	102.68	73.03
5.890	5.889	( 1.078)	41	80728			32.37-	92.37	61.56
-----					-----				
52 Isosafrole					CAS #: 120-58-1				
6.066	6.066	( 1.110)	162	120315	45.0000	45.4	80.00-	120.00	100.00(M)
6.066	6.066	( 1.110)	104	87008			42.25-	102.25	72.32
6.066	6.066	( 1.110)	131	60416			19.87-	79.87	50.21
-----					-----				
56 1,2,4,5-Tetrachlorobenzene					CAS #: 95-94-3				
6.340	6.340	( 0.885)	216	170481	45.0000	45.1	80.00-	120.00	100.00
6.340	6.340	( 0.885)	214	136100			49.18-	109.18	79.83
6.339	6.339	( 0.884)	108	34166			0.00-	50.98	20.04
-----					-----				
60 Safrole					CAS #: 94-59-7				
6.558	6.558	( 1.200)	162	105355	45.0000	45.4	80.00-	120.00	100.00
6.558	6.558	( 1.200)	104	65399			32.30-	92.30	62.07
6.558	6.557	( 1.200)	77	38228			6.02-	66.02	36.28
-----					-----				
64 1,4-Naphthoquinone					CAS #: 130-15-4				
6.782	6.782	( 0.946)	158	114439	45.0000	48.2	80.00-	120.00	100.00
6.782	6.782	( 0.946)	102	99786			56.55-	116.55	87.20
6.782	6.782	( 0.946)	130	55499			19.11-	79.11	48.50
-----					-----				
66 1,3-Dinitrobenzene					CAS #: 99-65-0				
6.959	6.959	( 0.971)	168	56636	45.0000	47.4	80.00-	120.00	100.00
6.959	6.958	( 0.971)	75	69723			91.84-	151.84	123.11
6.959	6.958	( 0.971)	50	53270			68.52-	128.52	94.06
-----					-----				
* 70 Acenaphthene-d10					CAS #: 15067-26-2				
7.168	7.167	( 1.000)	164	228132	40.0000		80.00-	120.00	100.00
7.168	7.168	( 1.000)	162	218797			66.12-	126.12	95.91
7.168	7.167	( 1.000)	160	96463			13.21-	73.21	42.28
-----					-----				
73 Pentachlorobenzene					CAS #: 608-93-5				
7.376	7.376	( 1.029)	250	155535	45.0000	44.7	80.00-	120.00	100.00
7.376	7.376	( 1.029)	252	97661			34.86-	94.86	62.79
7.376	7.375	( 1.029)	108	46097			0.00-	59.93	29.64
-----					-----				
77 1-Naphthylamine					CAS #: 134-32-7				
7.434	7.433	( 1.037)	143	285327	45.0000	45.6	80.00-	120.00	100.00
7.434	7.433	( 1.037)	115	152305			24.25-	84.25	53.38

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
77 1-Naphthylamine (continued)									
7.434	7.434	( 1.037)	89	29366			0.00-	40.79	10.29
-----									
78 2,3,4,6-Tetrachlorophenol CAS #: 58-90-2									
7.515	7.514	( 1.048)	232	93348	45.0000	47.8	80.00-	120.00	100.00
7.514	7.514	( 1.048)	168	26925			0.00-	58.61	28.84
7.514	7.513	( 1.048)	131	44314			18.06-	78.06	47.47
-----									
79 2-Naphthylamine CAS #: 91-59-8									
7.505	7.505	( 1.047)	143	325926	45.0000	46.3	80.00-	120.00	100.00
7.505	7.504	( 1.047)	115	173389			24.63-	84.63	53.20
7.505	7.505	( 1.047)	116	72169			0.00-	52.80	22.14
-----									
83 5-Nitro-ortho-toluidine CAS #: 99-55-8									
7.731	7.731	( 1.079)	152	99210	45.0000	47.3	80.00-	120.00	100.00
7.731	7.731	( 1.079)	106	78202			49.62-	109.62	78.82
7.731	7.731	( 1.079)	77	113693			86.78-	146.78	114.60
-----									
90 1,3,5-Trinitrobenzene CAS #: 99-35-4									
8.112	8.109	( 1.132)	75	220979	45.0000	44.5	80.00-	120.00	100.00
8.112	8.109	( 1.132)	74	133298			29.31-	89.31	60.32
8.113	8.110	( 1.132)	213	82237			6.52-	66.52	37.21
-----									
89 Diallate CAS #: 2303-16-4									
8.132	8.132	( 1.134)	86	144151	45.0000	38.4	80.00-	120.00	100.00
8.132	8.132	( 1.135)	43	182051			64.61-	124.61	126.29
8.132	8.132	( 1.135)	234	62478			1.00-	61.00	43.34
-----									
92 Phenacetin CAS #: 62-44-2									
8.152	8.150	( 0.947)	109	207158	45.0000	47.7	80.00-	120.00	100.00
8.152	8.150	( 0.947)	108	200374			70.78-	130.78	96.73
8.152	8.150	( 0.947)	179	103860			22.17-	82.17	50.14
-----									
91 p-Phenylenediamine CAS #: 106-50-3									
8.152	8.150	( 0.947)	108	200374	45.0000	47.3	80.00-	120.00	100.00
8.152	8.150	( 0.947)	80	43370			0.00-	51.04	21.64
8.152	8.149	( 0.947)	53	26949			0.00-	43.69	13.45
-----									
97 Pentachloronitrobenzene CAS #: 82-68-8									
8.560	8.560	( 0.995)	237	59601	45.0000	46.2	80.00-	120.00	100.00
8.560	8.560	( 0.995)	295	21596			6.13-	66.13	36.23
8.560	8.559	( 0.995)	142	40115			37.48-	97.48	67.31
-----									
98 4-Aminobiphenyl CAS #: 92-67-1									
8.426	8.425	( 0.979)	169	367709	45.0000	45.8	80.00-	120.00	100.00
8.426	8.425	( 0.979)	168	80026			0.00-	51.69	21.76
8.426	8.424	( 0.979)	115	42286			0.00-	41.29	11.50
-----									
99 Pronamide CAS #: 23950-58-5									
8.523	8.523	( 0.990)	173	178400	45.0000	46.5	80.00-	120.00	100.00
8.523	8.523	( 0.990)	175	118539			37.21-	97.21	66.45
8.523	8.523	( 0.990)	145	64790			6.07-	66.07	36.32
-----									

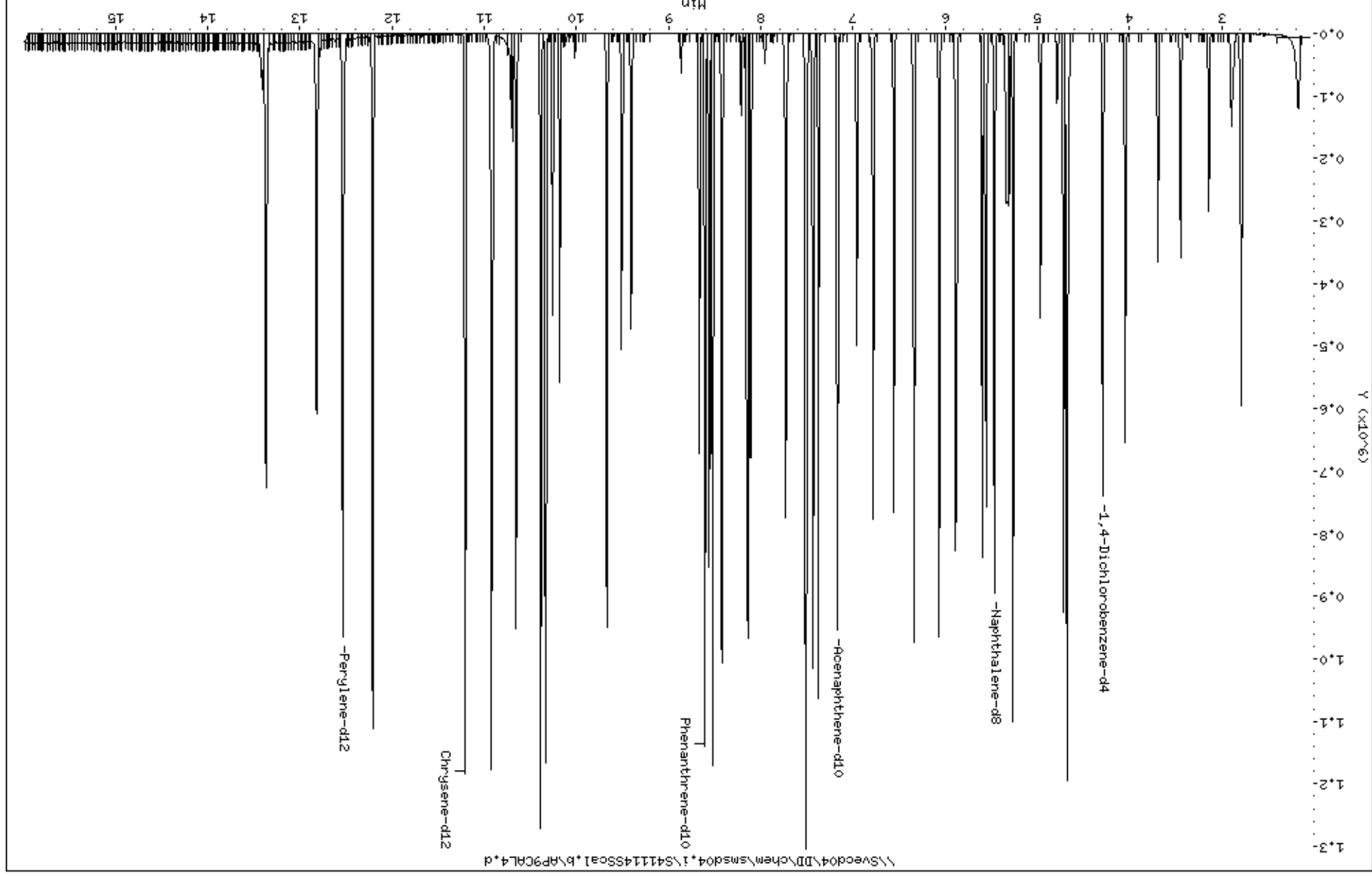


AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.605	8.604	( 1.000)	188	402700	40.0000		80.00-	120.00	100.00
8.604	8.604	( 1.000)	94	44109			0.00-	40.39	10.95
8.605	8.603	( 1.000)	80	47615			0.00-	41.55	11.82
-----									
102 Dinoseb						CAS #: 88-85-7			
8.665	8.663	( 1.007)	211	94091	45.0000	43.3	80.00-	120.00	100.00
8.665	8.663	( 1.007)	163	44098			16.26-	76.26	46.87
8.664	8.663	( 1.007)	117	25797			0.00-	57.53	27.42
-----									
106 4-Nitroquinoline-1-oxide						CAS #: 56-57-5			
8.525	8.525	( 0.991)	174	17625	45.0000	47.4	80.00-	120.00	100.00(M)
8.525	8.517	( 0.991)	128	0	0.00	0.00	0.00-	30.00	0.00
8.525	8.517	( 0.991)	101	0	0.00	0.00	0.00-	30.00	0.00
-----									
107 Methapyrilene						CAS #: 91-80-5			
9.510	9.510	( 1.105)	97	256398	45.0000	40.7	80.00-	120.00	100.00
9.510	9.510	( 1.105)	58	325027			97.04-	157.04	126.77
9.510	9.510	( 1.105)	191	37321			0.00-	44.49	14.56
-----									
108 Isodrin						CAS #: 465-73-6			
9.669	9.669	( 1.124)	193	65165	45.0000	45.3	80.00-	120.00	100.00
9.668	9.668	( 1.124)	66	54720			53.06-	113.06	83.97
9.669	9.669	( 1.124)	195	57423			59.05-	119.05	88.12
-----									
113 Aramite						CAS #: 140-57-8			
10.261	10.261	( 0.915)	185	81897	45.0000	47.2	80.00-	120.00	100.00(M)
10.261	10.182	( 0.915)	191	39618			18.05-	78.05	48.38
10.182	10.182	( 0.908)	319	21597			0.00-	55.81	26.37
-----									
114 p-Dimethylamino azobenzene						CAS #: 60-11-7			
10.334	10.334	( 0.922)	225	132345	45.0000	46.8	80.00-	120.00	100.00
10.334	10.334	( 0.922)	120	176874			107.72-	167.72	133.65
10.334	10.334	( 0.922)	77	125283			69.64-	129.64	94.66
-----									
115 Chlorobenzilate						CAS #: 510-15-6			
10.388	10.388	( 0.927)	251	180662	45.0000	45.8	80.00-	120.00	100.00
10.388	10.388	( 0.927)	253	116554			35.05-	95.05	64.51
10.388	10.388	( 0.927)	139	211326			88.99-	148.99	116.97
-----									
116 Kepone						CAS #: 143-50-0			
10.690	10.690	( 0.954)	272	49354	45.0000	43.9	80.00-	120.00	100.00(M)
10.692	10.690	( 0.954)	274	40246			51.38-	111.38	81.55
10.692	10.690	( 0.954)	237	25199			13.59-	73.59	51.06
-----									
117 3,3-Dimethylbenzidine						CAS #: 119-93-7			
10.657	10.657	( 0.951)	212	324783	45.0000	46.4	80.00-	120.00	100.00
10.656	10.656	( 0.951)	106	31539			0.00-	39.77	9.71
10.656	10.657	( 0.951)	180	23431			0.00-	38.39	7.21
-----									
119 2-Acetylaminofluorene						CAS #: 53-96-3			
10.920	10.920	( 0.974)	181	245442	45.0000	42.8	80.00-	120.00	100.00
10.920	10.920	( 0.974)	223	134221			22.99-	82.99	54.69

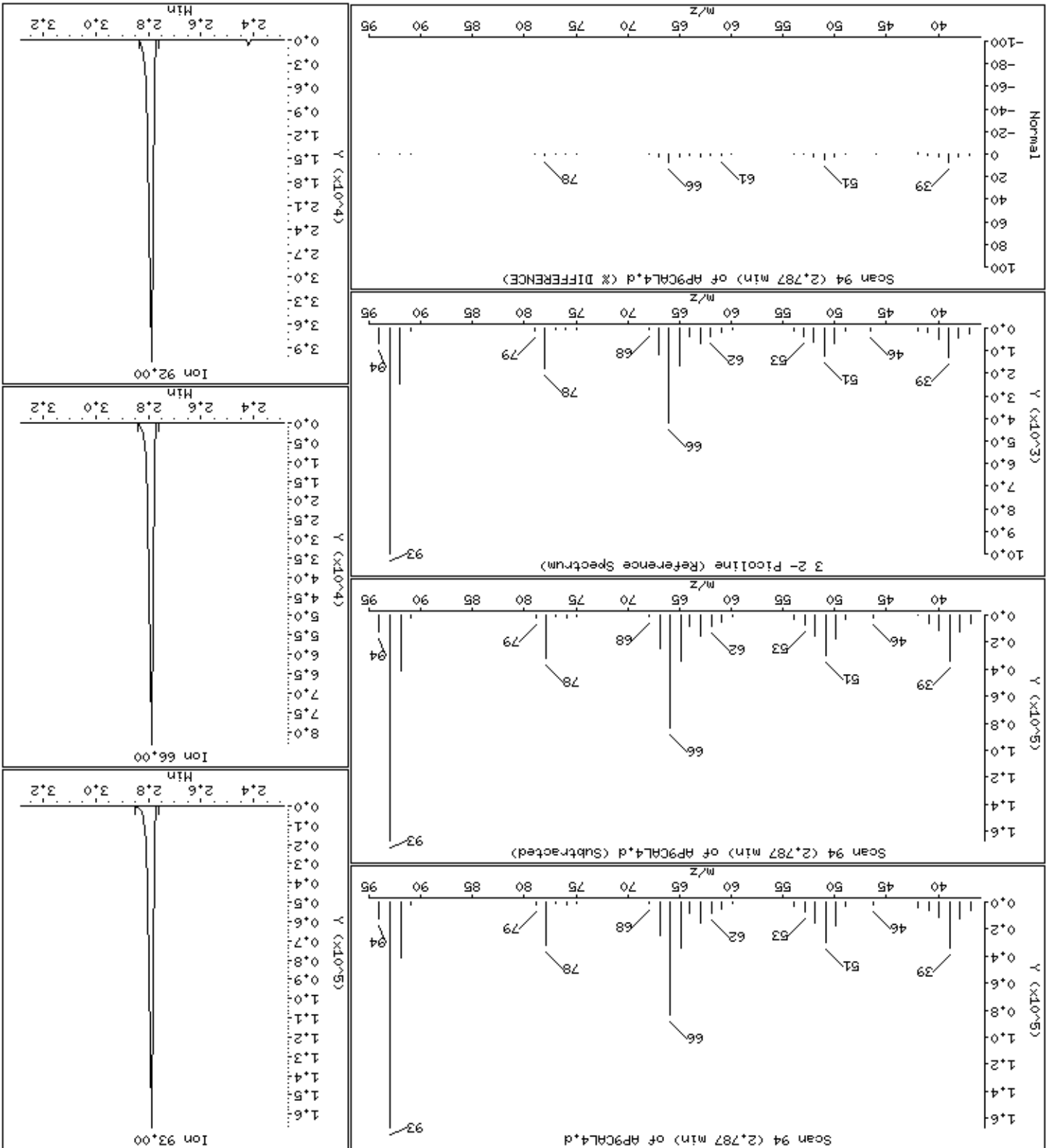
AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
119 2-Acetylaminofluorene (continued)									
10.920	10.920	( 0.974)	180	198588			47.24-	107.24	80.91
-----									
* 121 Chrysene-d12					CAS #: 1719-03-5				
11.211	11.211	( 1.000)	240	438260	40.0000		80.00-	120.00	100.00
11.210	11.210	( 1.000)	120	44772			0.00-	40.02	10.22
11.210	11.210	( 1.000)	236	106525			0.00-	54.50	24.31
-----									
126 7,12-Dimethylbenz(a)anthracen					CAS #: 57-97-6				
12.209	12.210	( 0.974)	256	241020	45.0000	45.4	80.00-	120.00	100.00
12.209	12.210	( 0.974)	241	135627			24.64-	84.64	56.27
12.209	12.210	( 0.974)	239	116068			16.31-	76.31	48.16
-----									
* 130 Perylene-d12					CAS #: 1520-96-3				
12.533	12.532	( 1.000)	264	401130	40.0000		80.00-	120.00	100.00
12.533	12.533	( 1.000)	260	90053			0.00-	52.70	22.45
12.533	12.532	( 1.000)	265	86498			0.00-	52.11	21.56
-----									
131 3-Methylcholanthrene					CAS #: 56-49-5				
12.822	12.822	( 1.023)	268	178665	45.0000	46.4	80.00-	120.00	100.00
12.822	12.821	( 1.023)	252	77386			13.86-	73.86	43.31
12.822	12.822	( 1.023)	253	69670			11.25-	71.25	38.99
-----									
132 Dibenz(a,j)acridine					CAS #: 224-42-0				
13.370	13.369	( 1.067)	279	390113	45.0000	46.4	80.00-	120.00	100.00
13.369	13.369	( 1.067)	280	90060			0.00-	52.83	23.09
13.370	13.369	( 1.067)	277	56116			0.00-	44.54	14.38
-----									

QC Flag Legend

- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.



3-2-Picoline



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

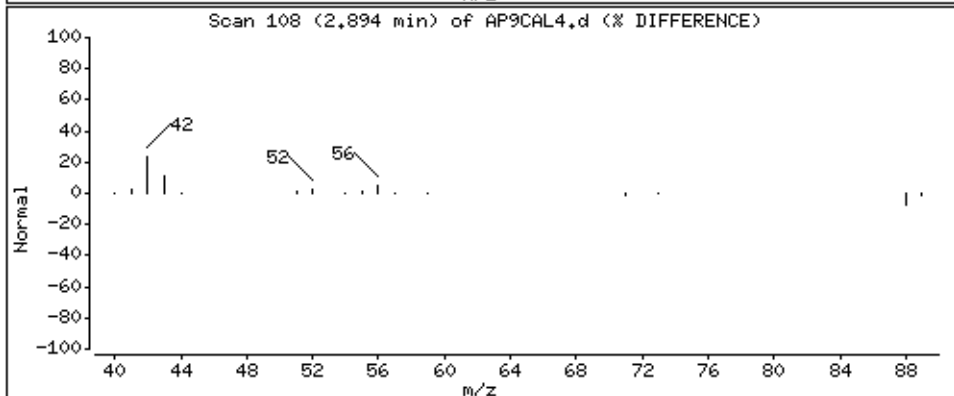
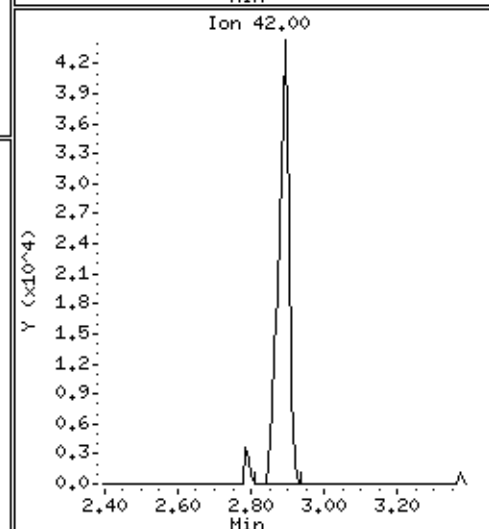
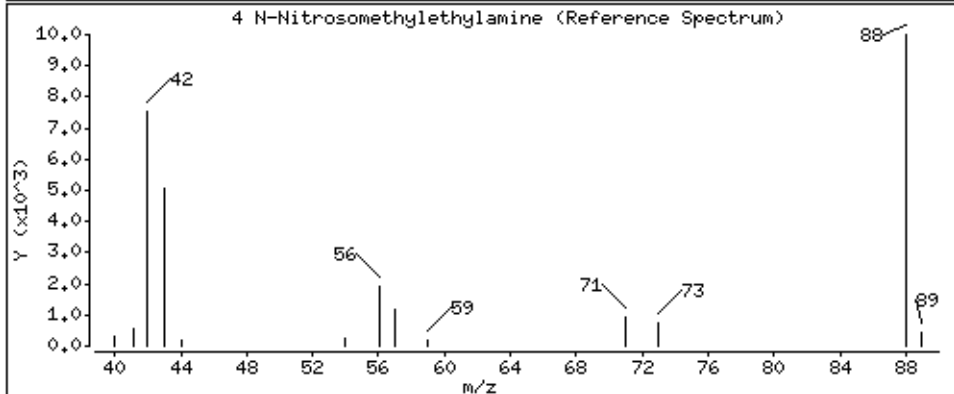
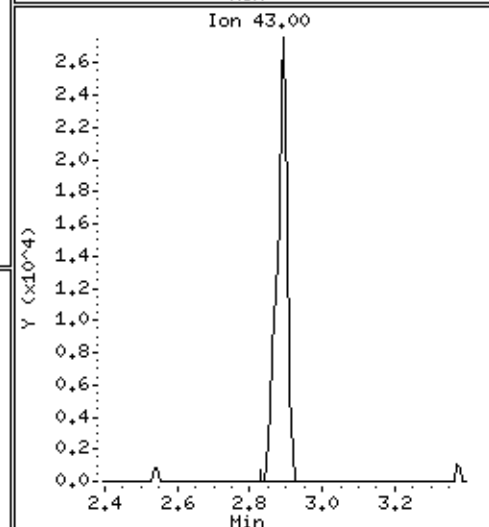
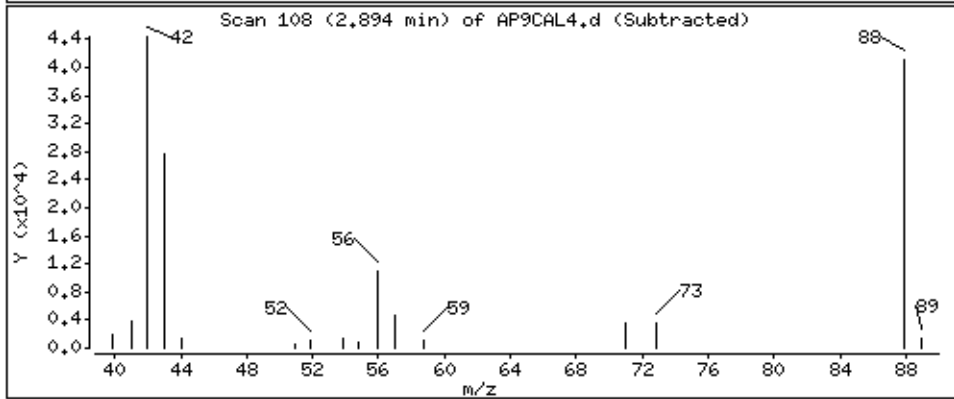
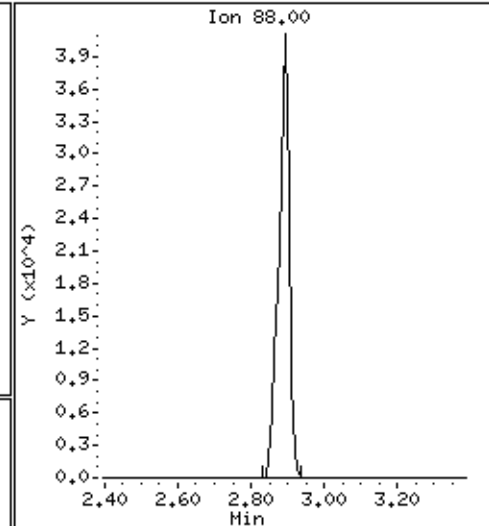
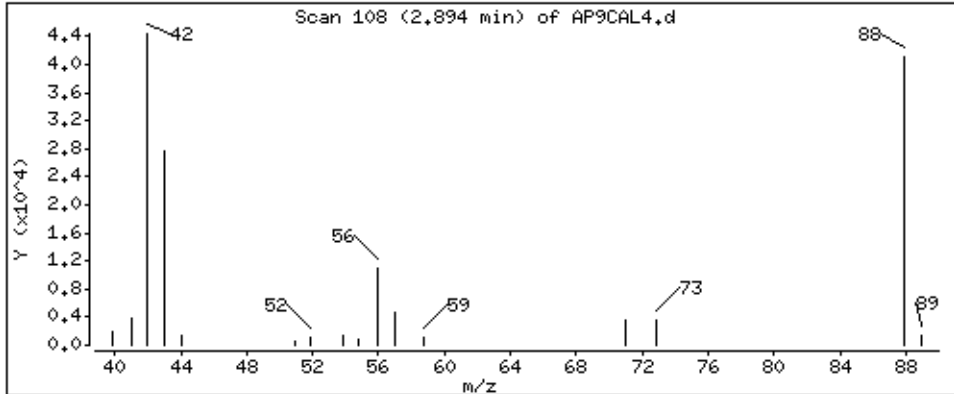
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

4 N-Nitrosomethylethylamine

Concentration: 47,2 ug/kg



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

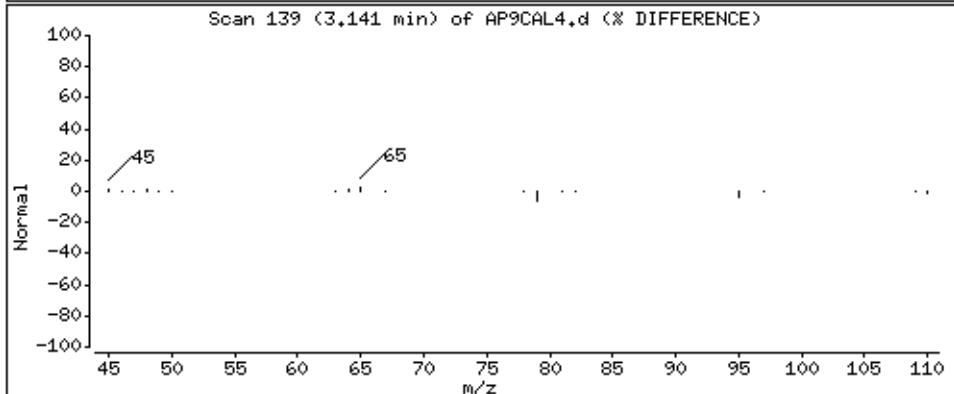
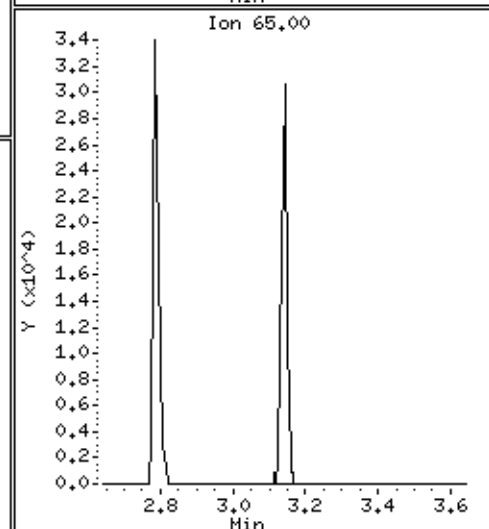
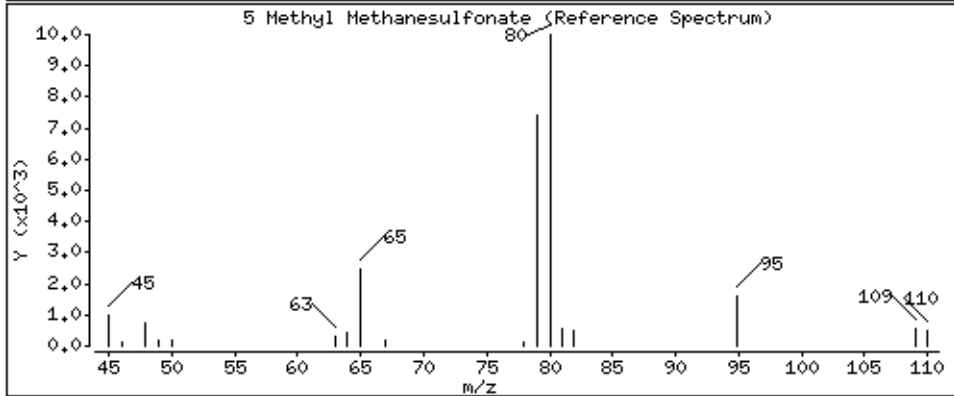
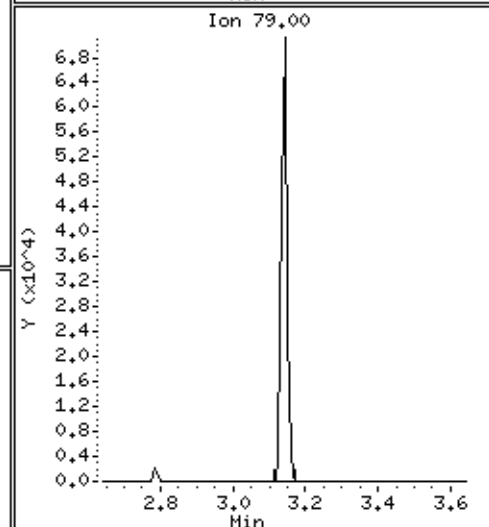
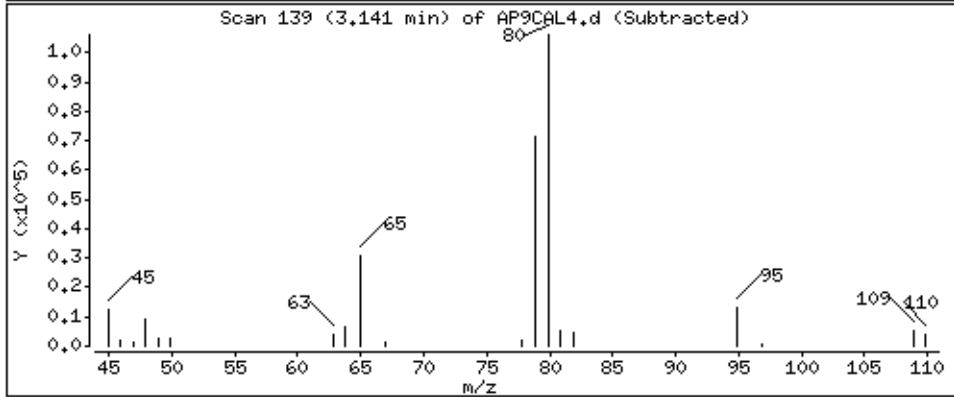
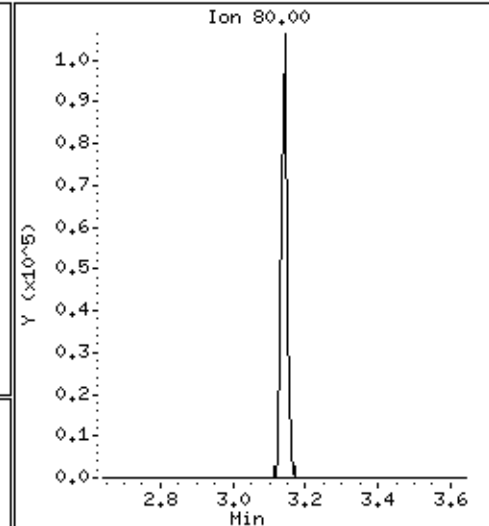
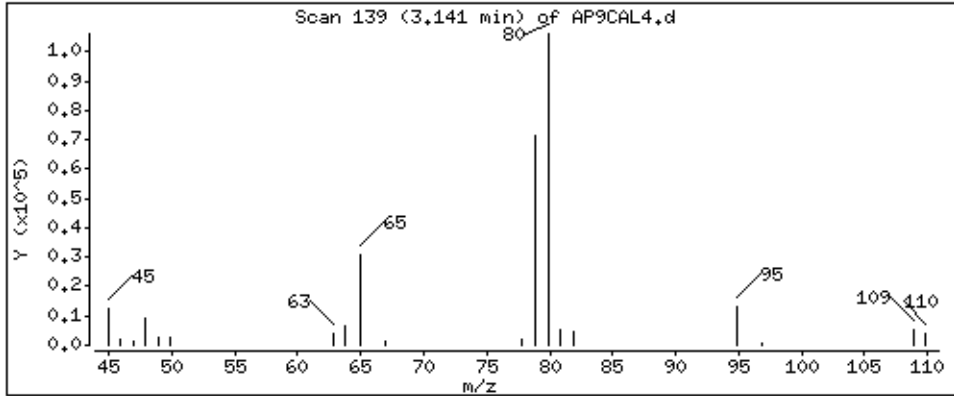
Operator: MJ

Column phase: HPHS-5

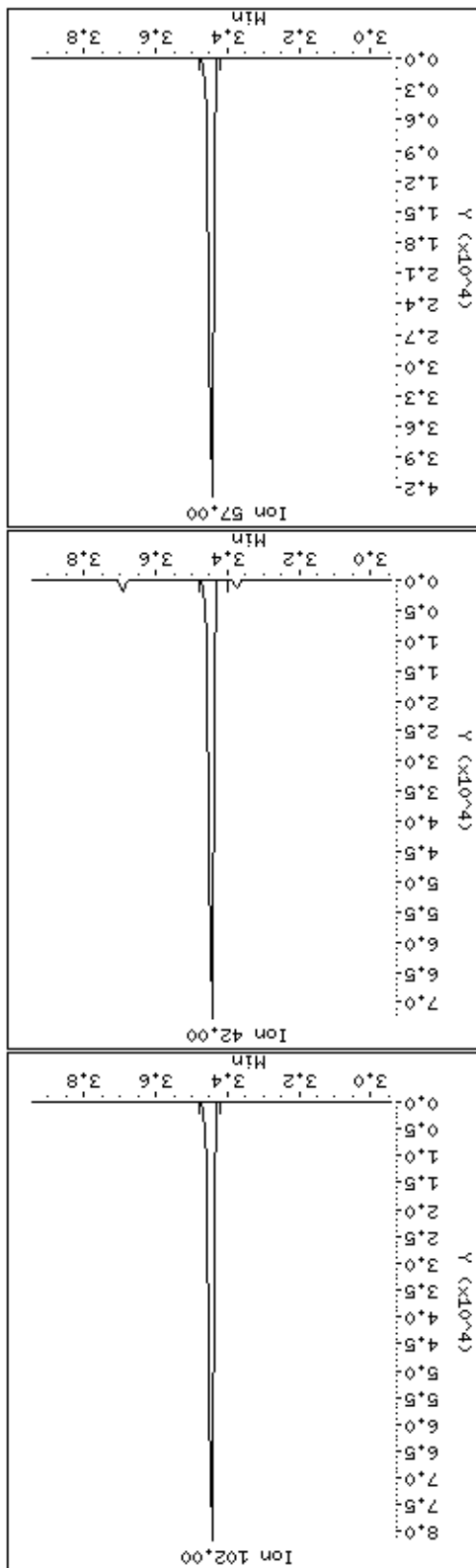
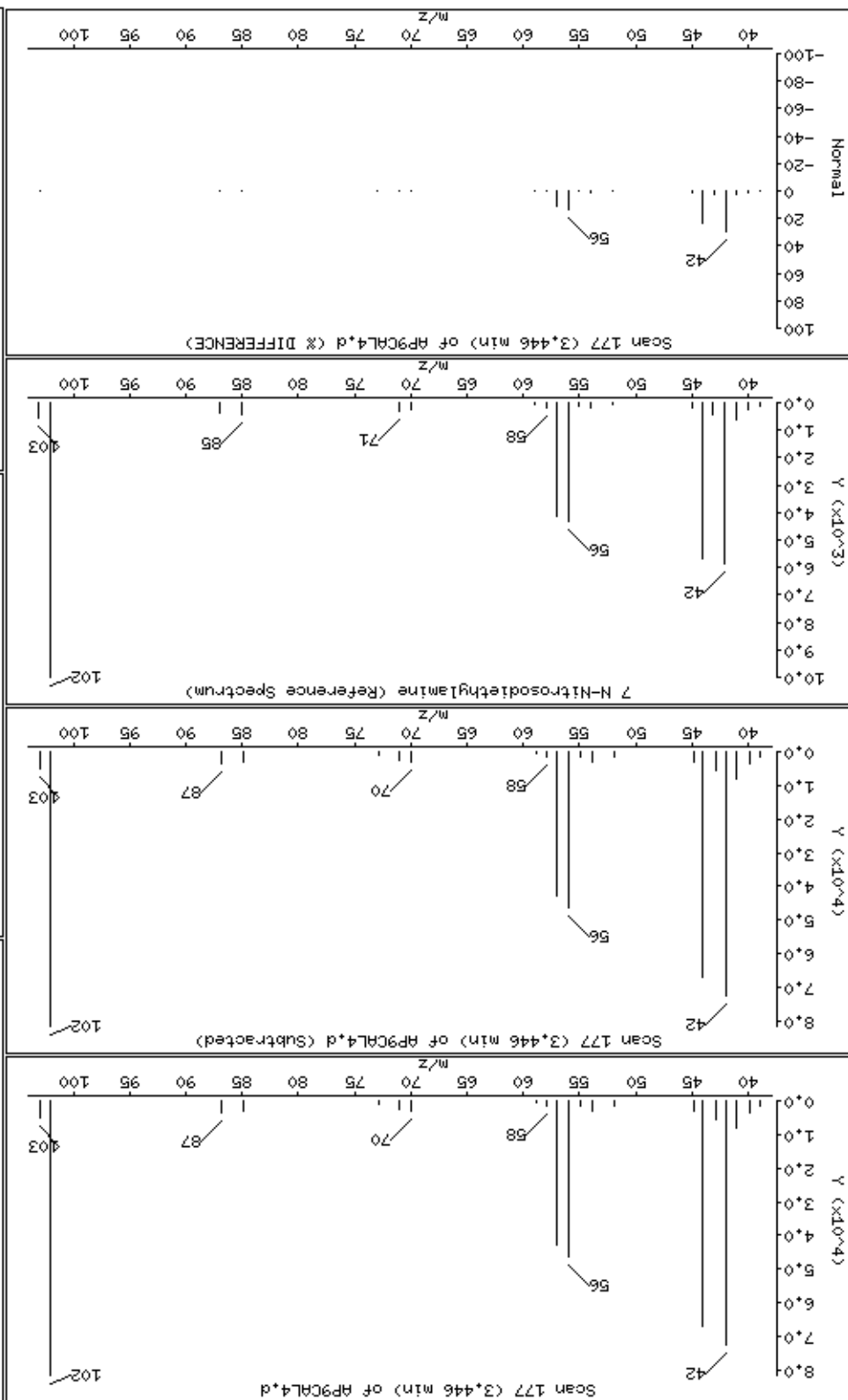
Column diameter: 0,25

5 Methyl Methanesulfonate

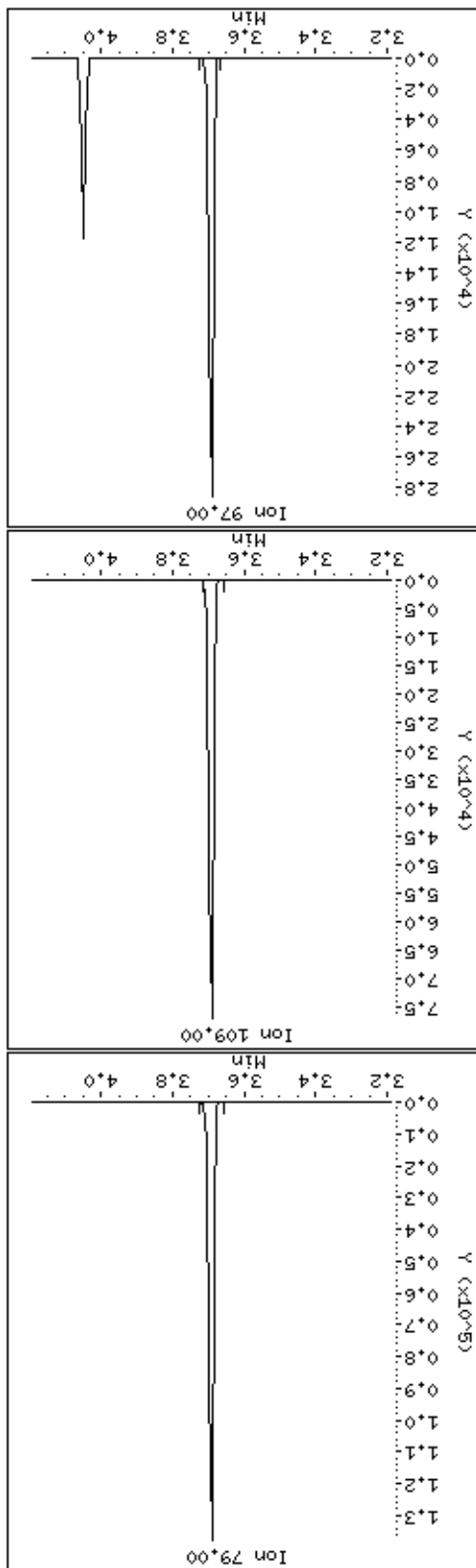
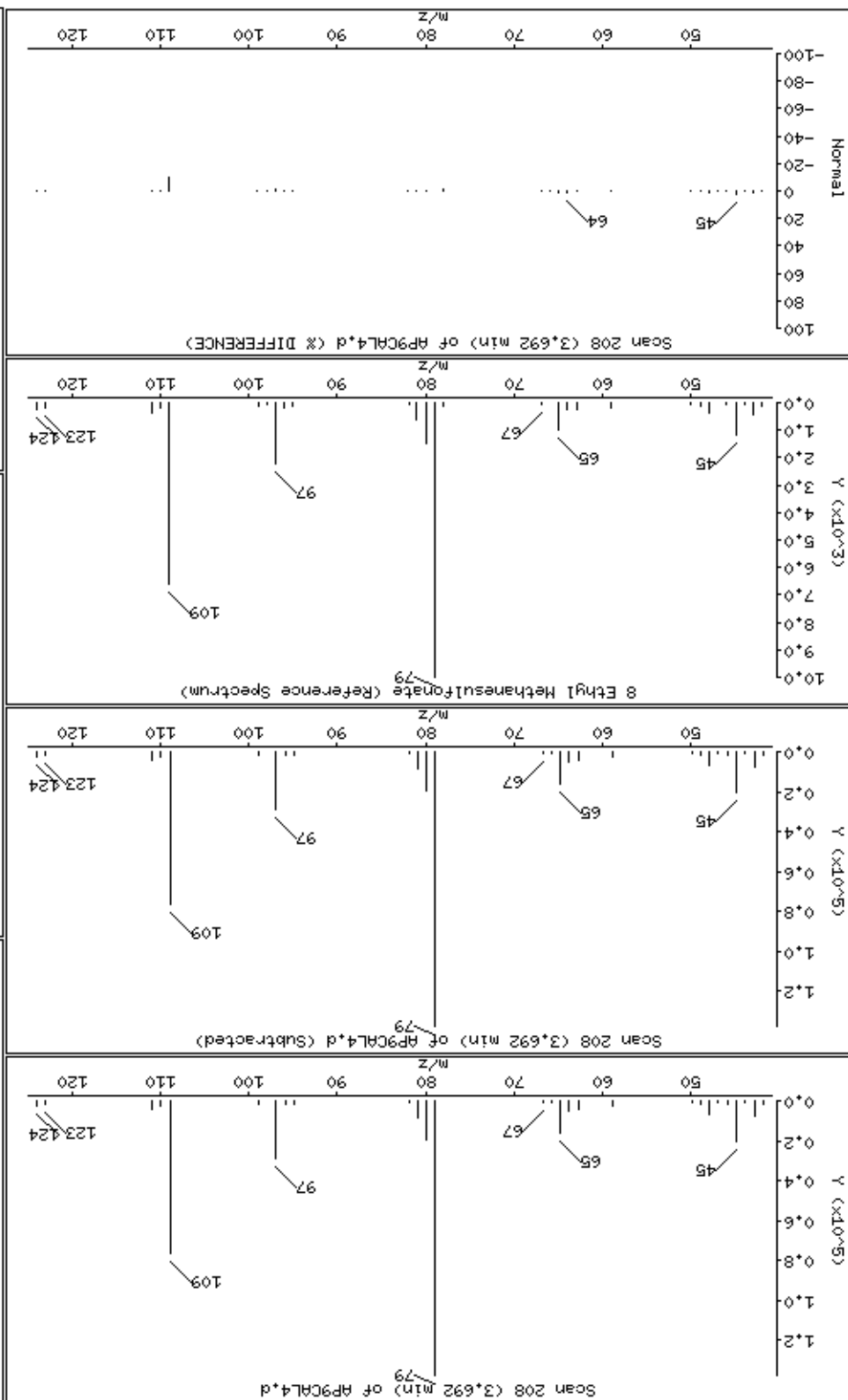
Concentration: 44,6 ug/kg



7-N-Nitrosodietilamine



8 Ethyl Methanesulfonate





Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

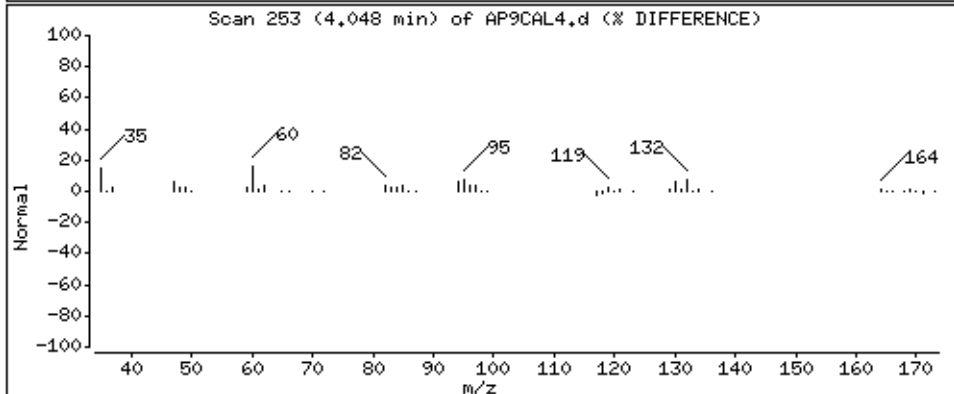
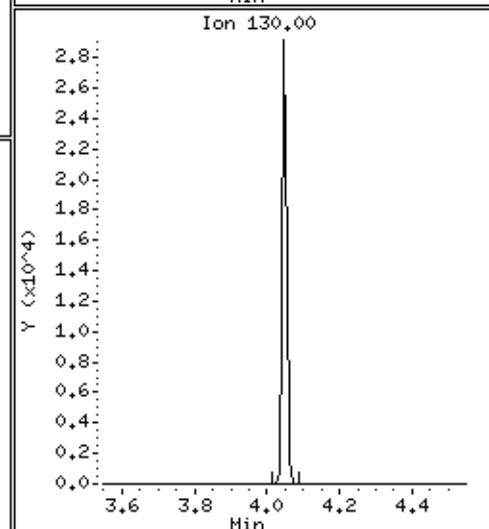
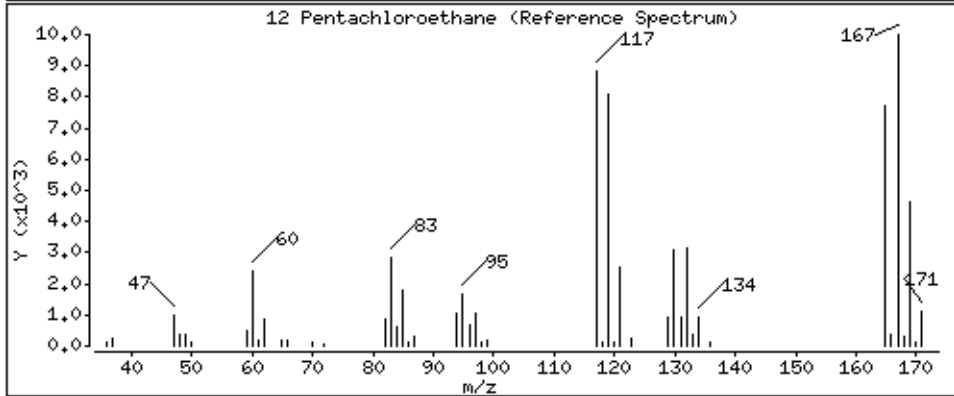
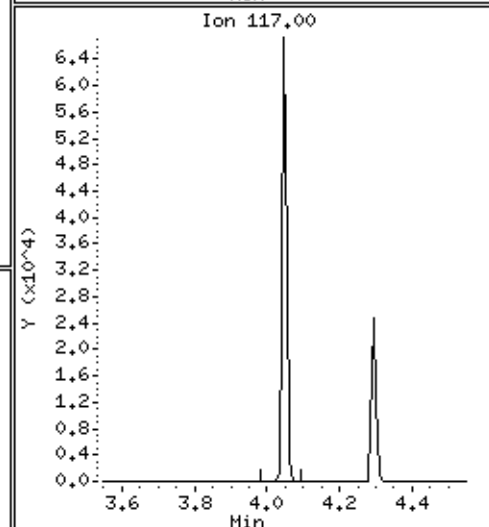
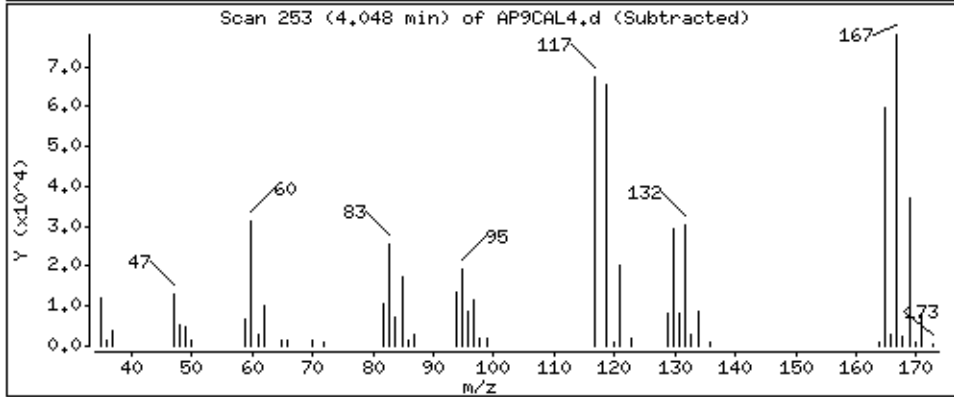
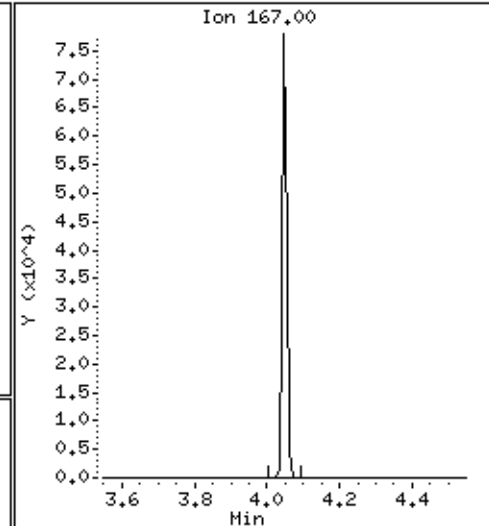
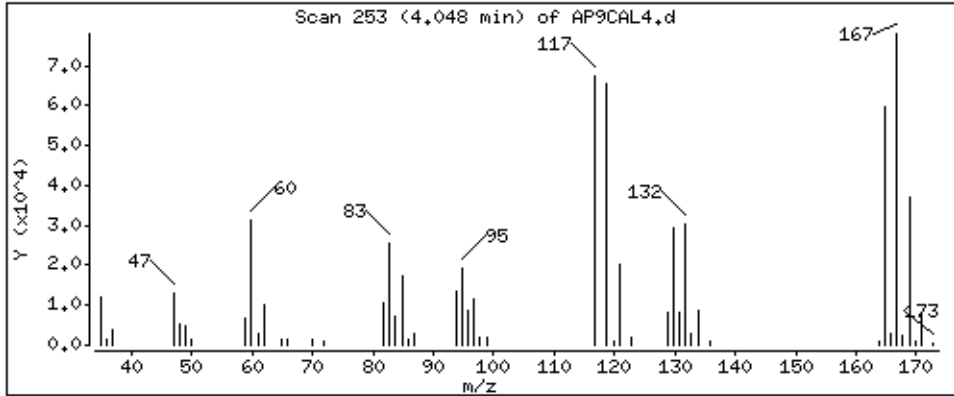
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

12 Pentachloroethane

Concentration: 45,7 ug/kg



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

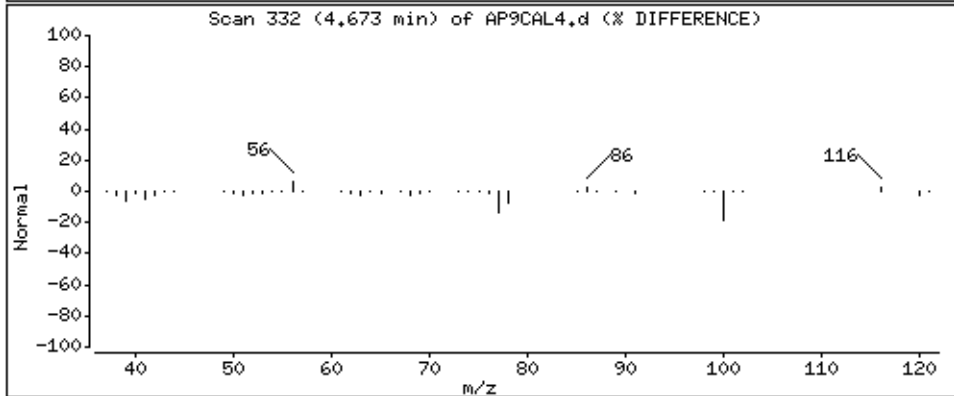
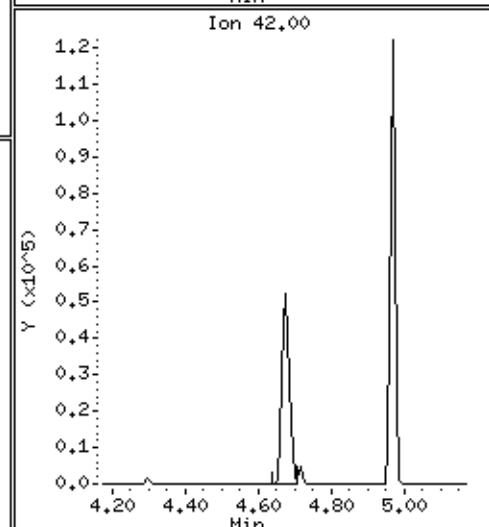
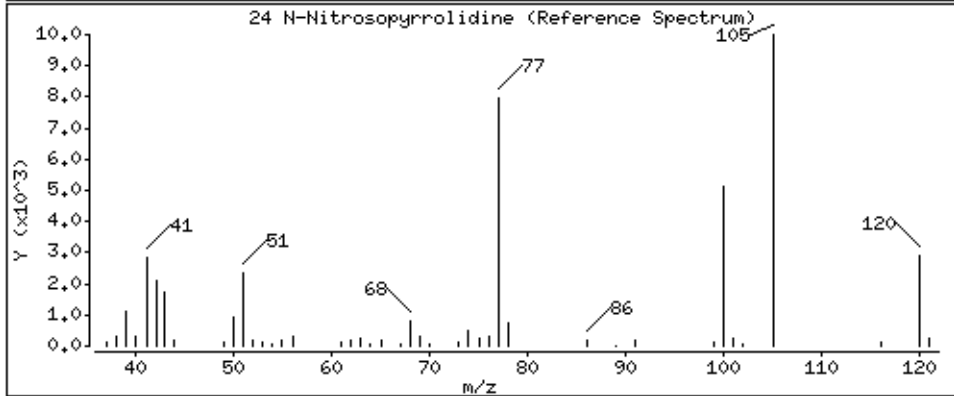
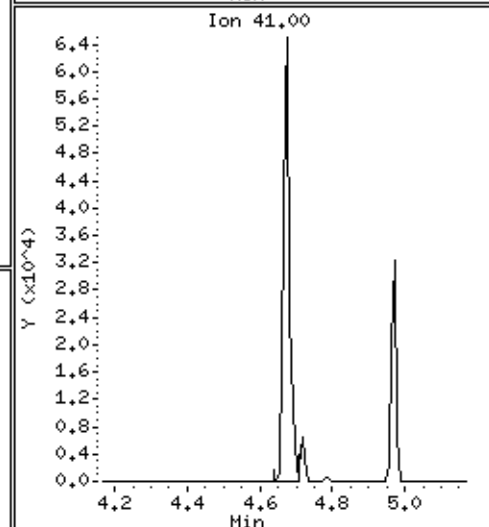
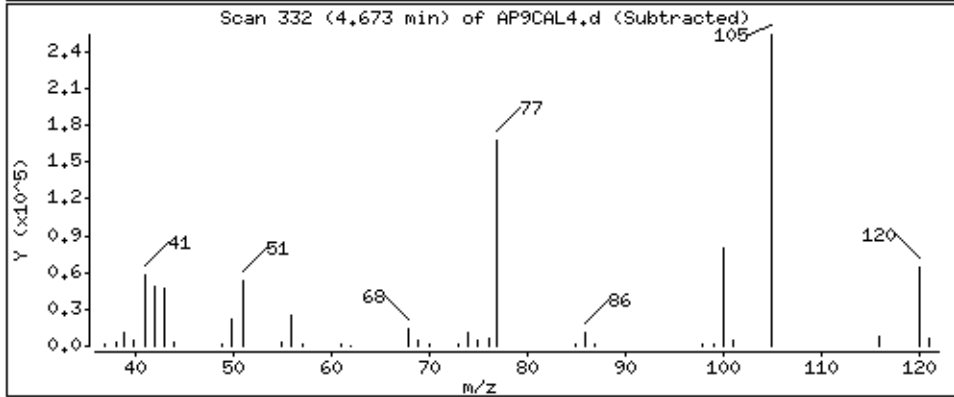
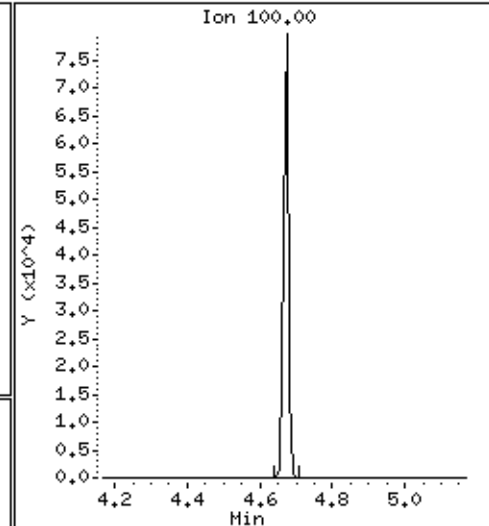
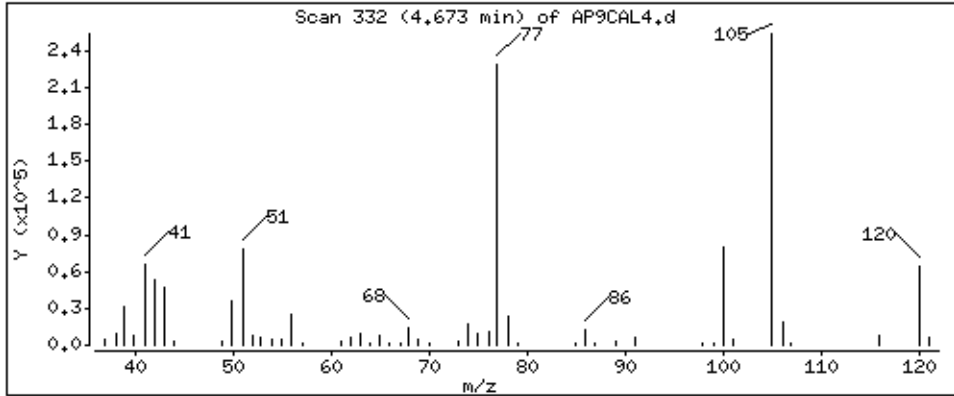
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

24 N-Nitrosopyrrolidine

Concentration: 46,6 ug/kg



Date: 15-NOV-2012 10:28

Client ID: AP9CAL4

Sample Info: 47936

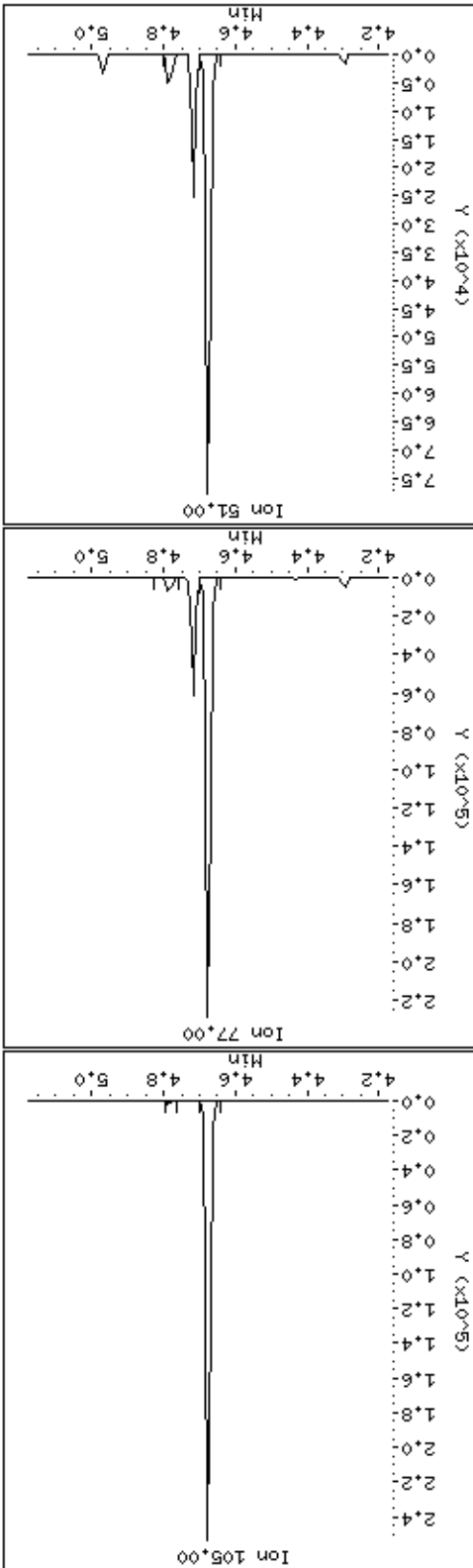
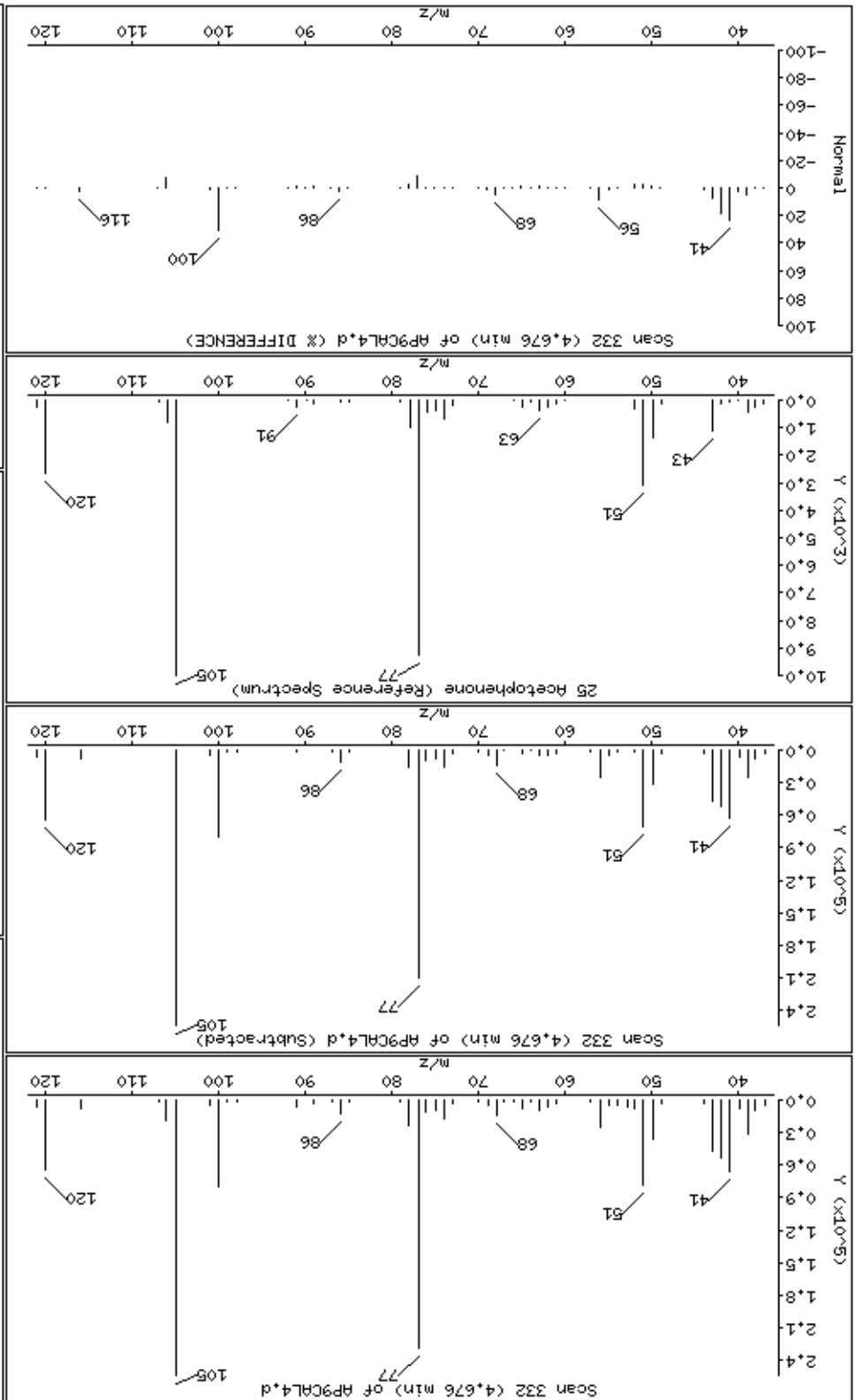
Operator: MJ

Column diameter: 0.25

Concentration: 46.0 ug/kg

Instrument: smsd04.1

25 Acetophenone



Date: 15-NOV-2012 10:28

Client ID: AP9CAL4

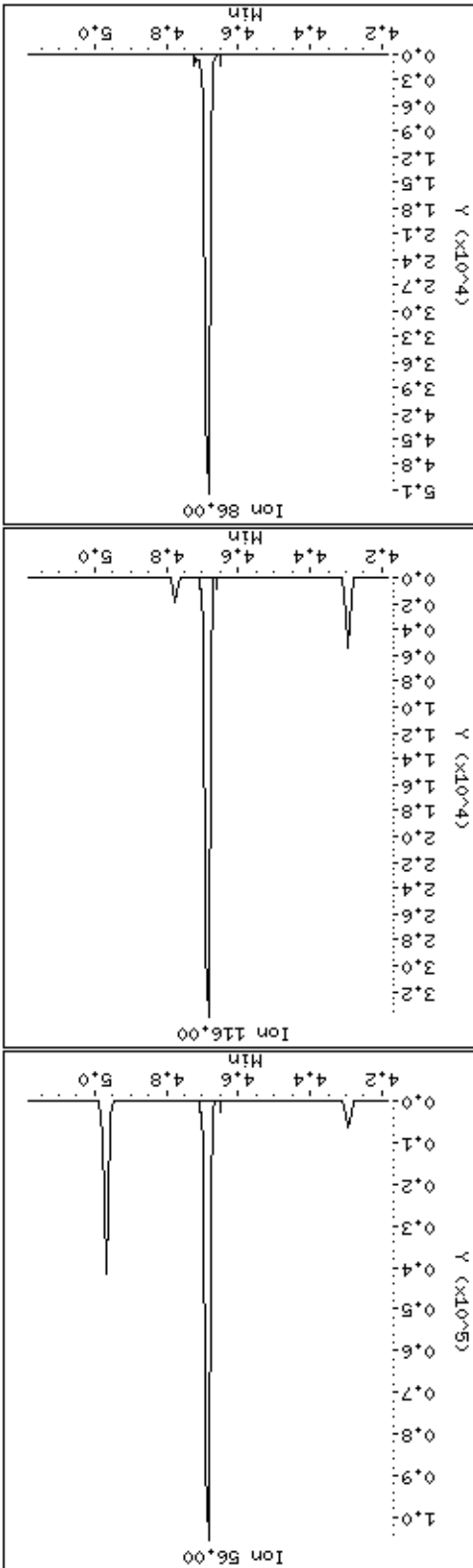
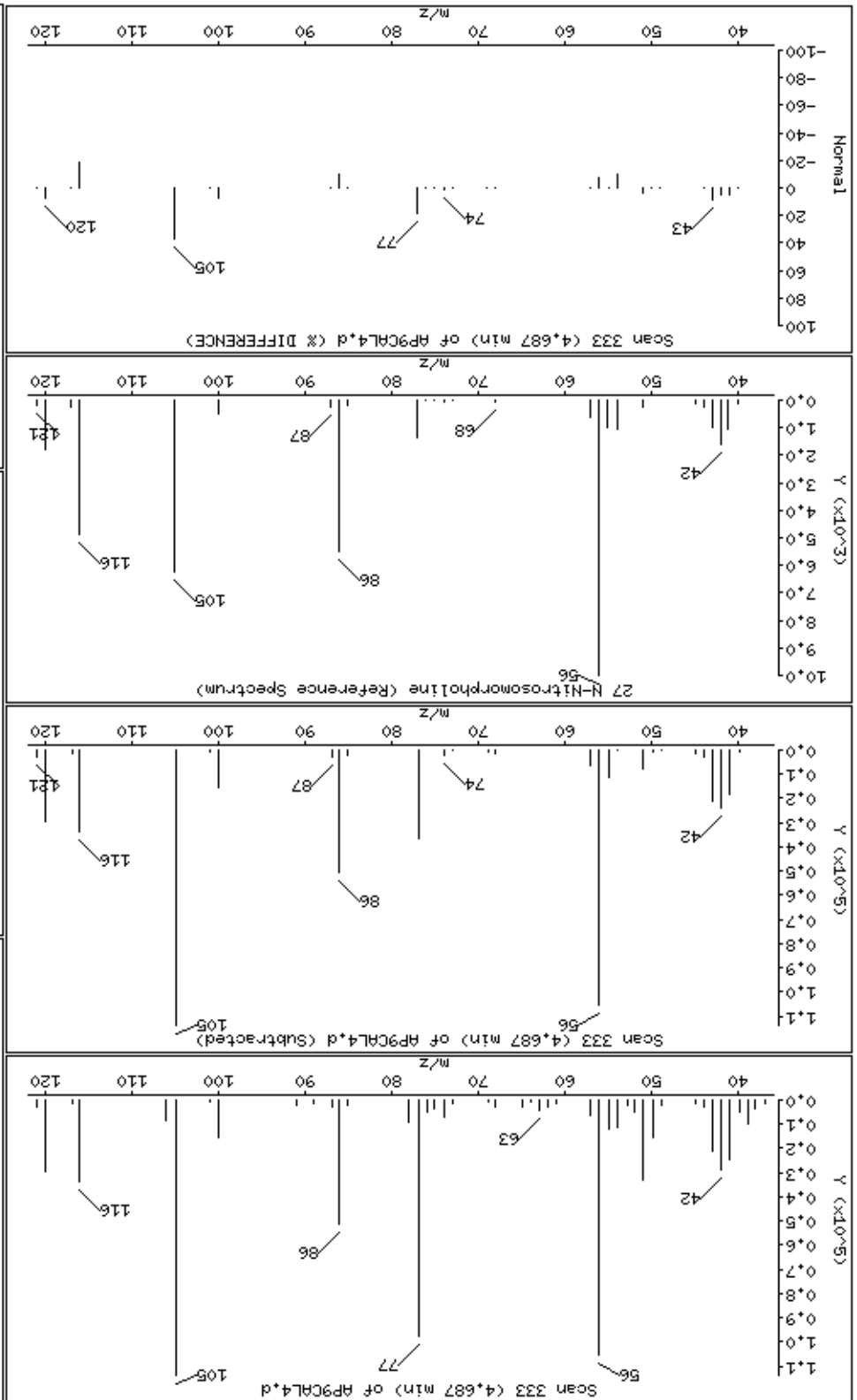
Sample Info: 47936

Operator: MJ

Column diameter: 0.25

Concentration: 45.8 ug/kg

Instrument: smsd04.1



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

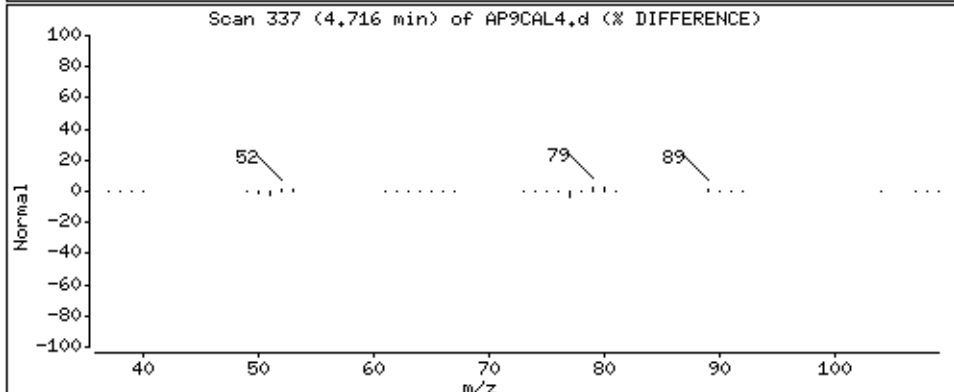
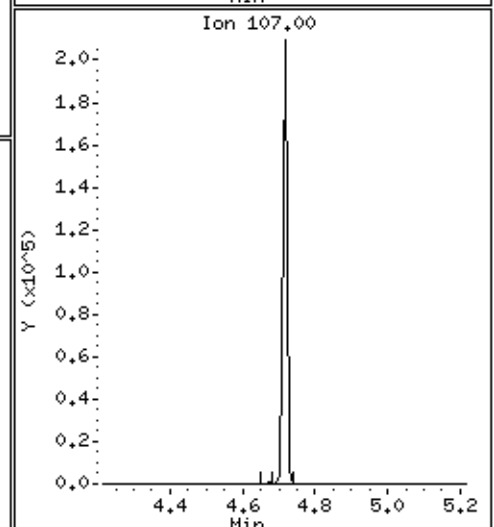
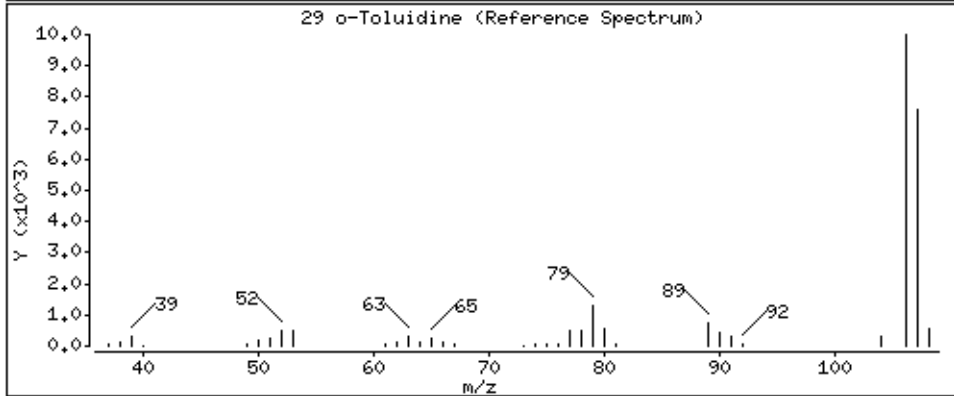
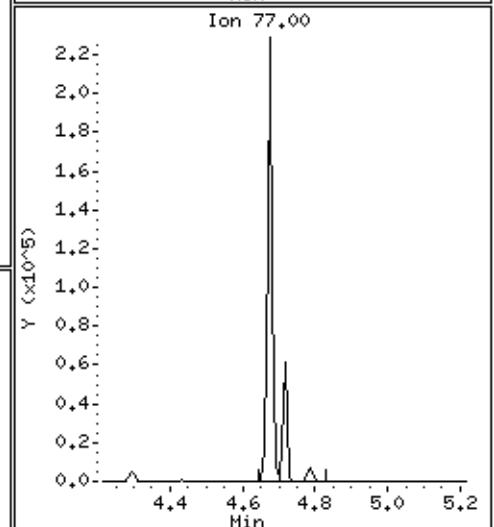
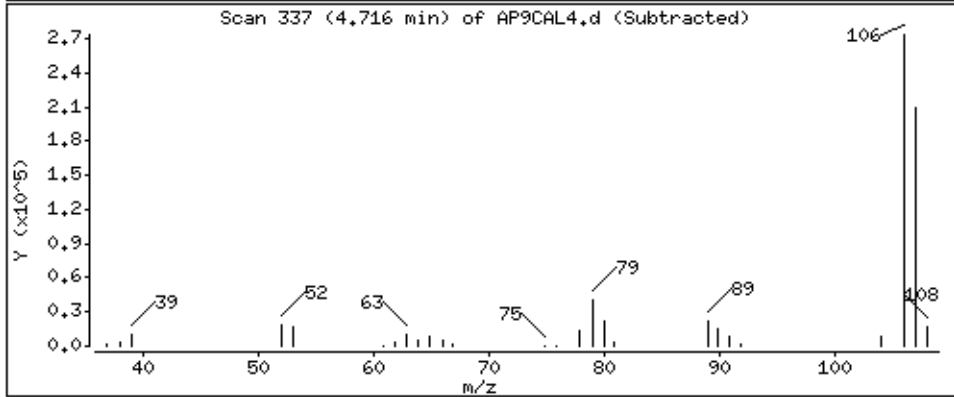
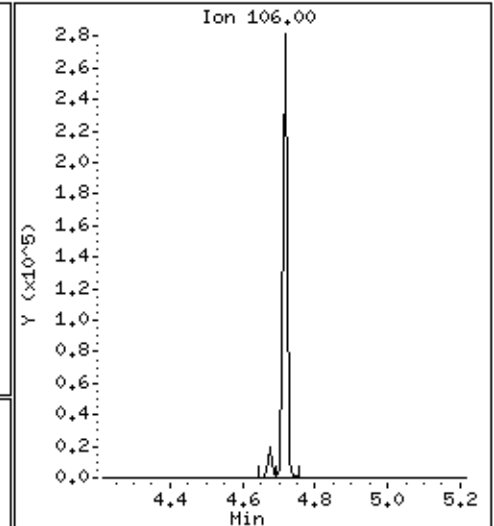
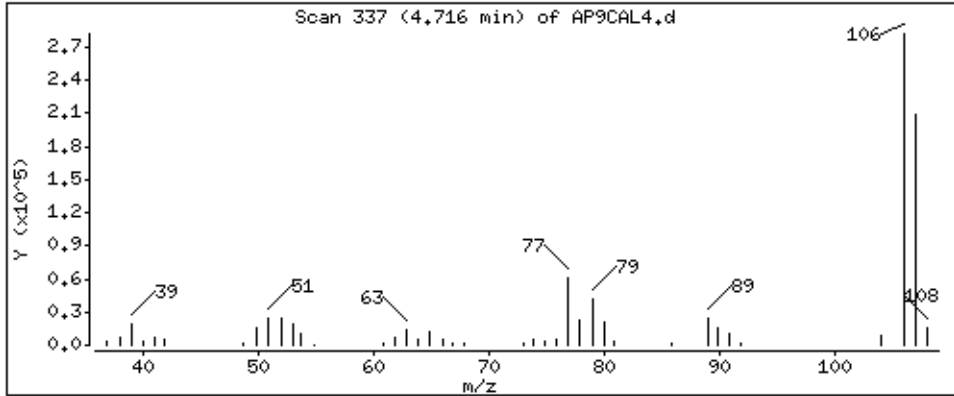
Operator: MJ

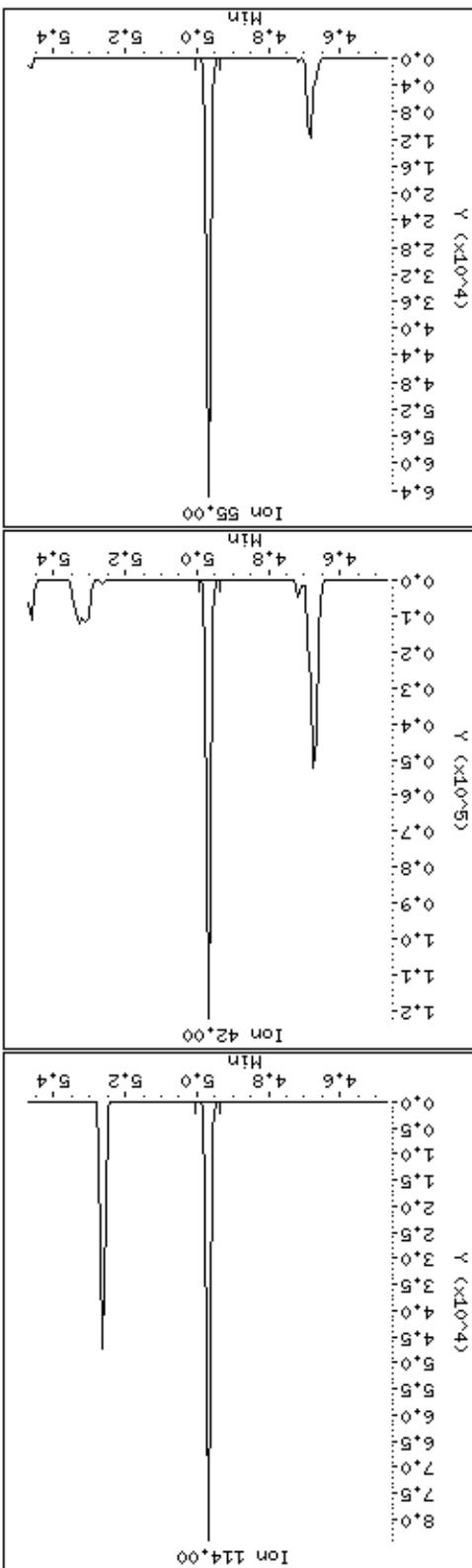
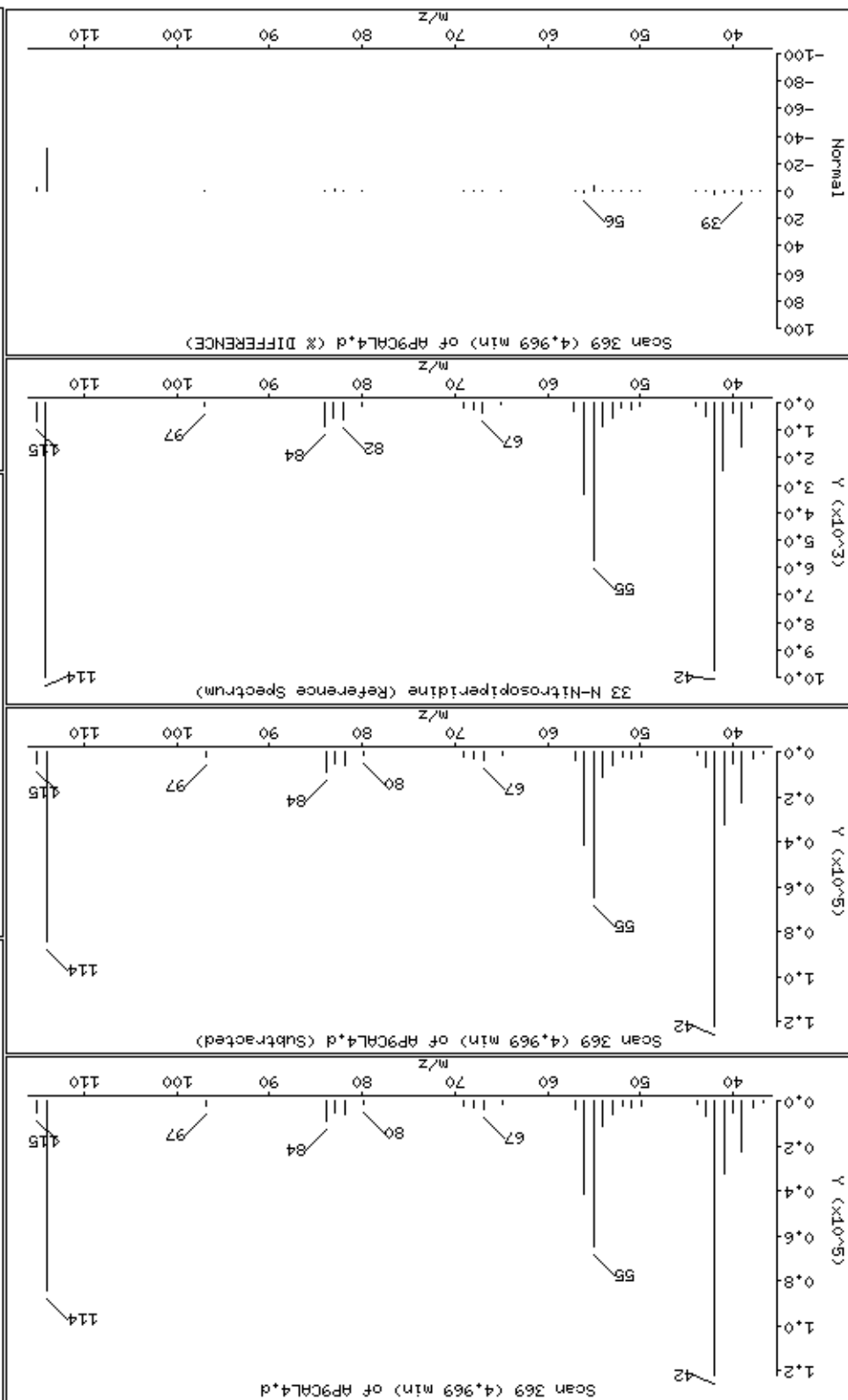
Column phase: HPMS-5

Column diameter: 0.25

29 o-Toluidine

Concentration: 76.4 ug/kg





Date: 15-NOV-2012 10:28

Client ID: AP9CAL4

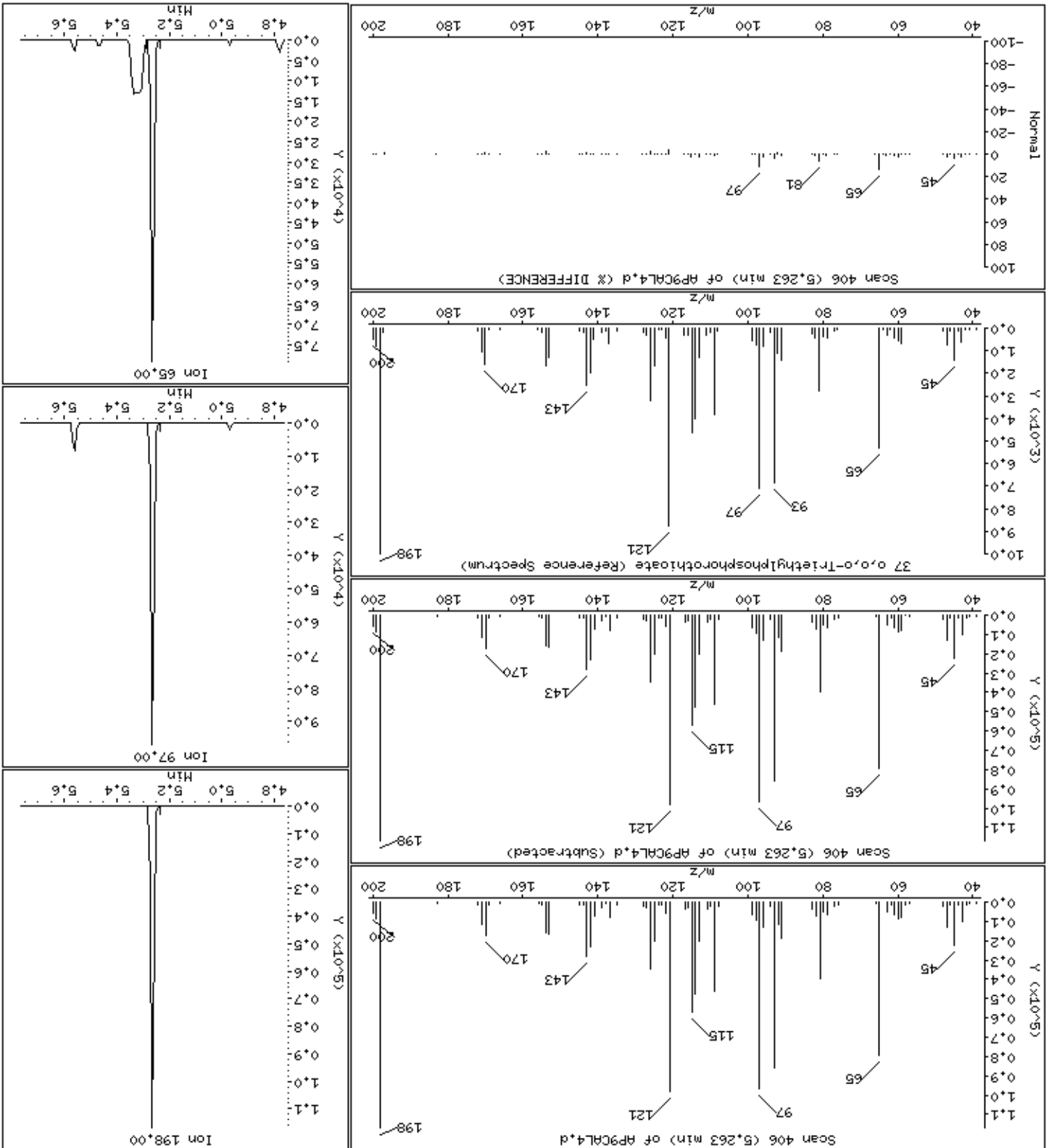
Sample Info: 47936

Operator: MJ

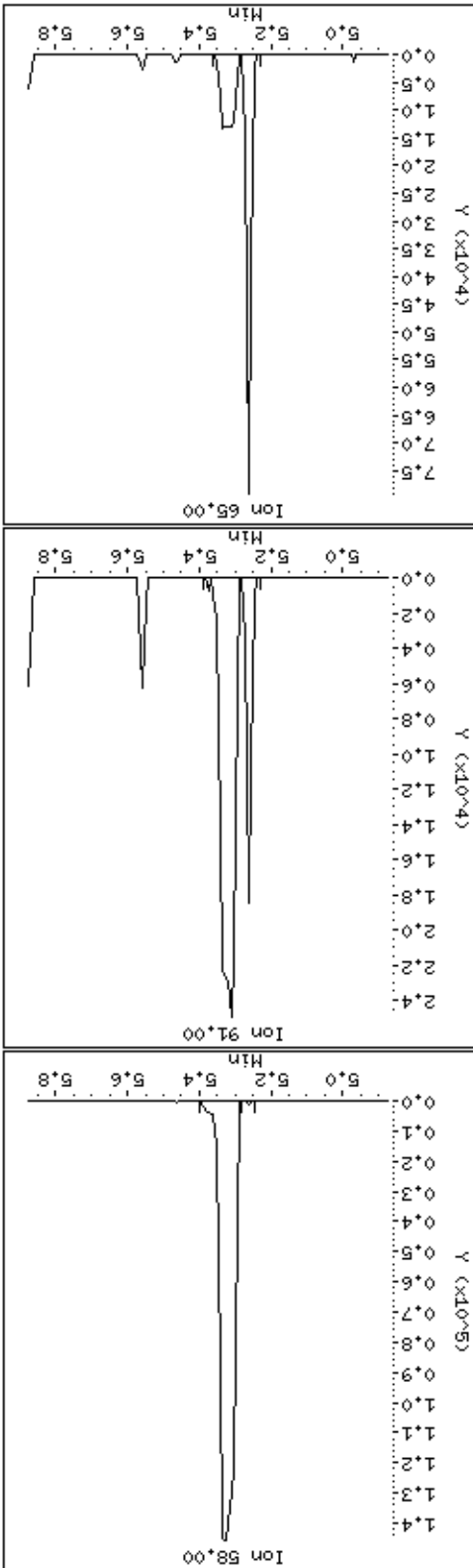
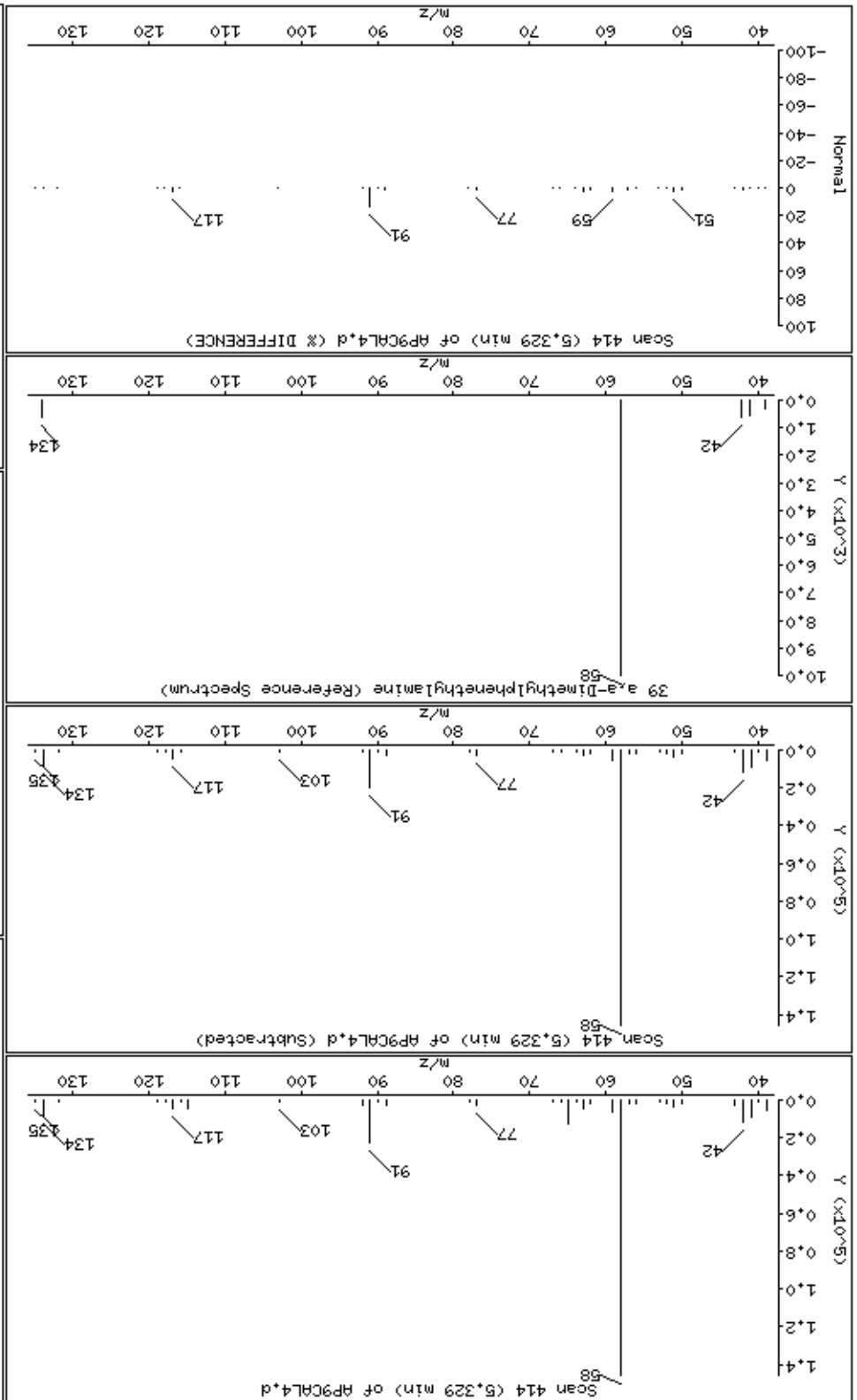
Column diameter: 0.25

Concentration: 45.3 ug/kg

Instrument: smsd04.i



39 a,a-Dimethylphenethylamine





Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

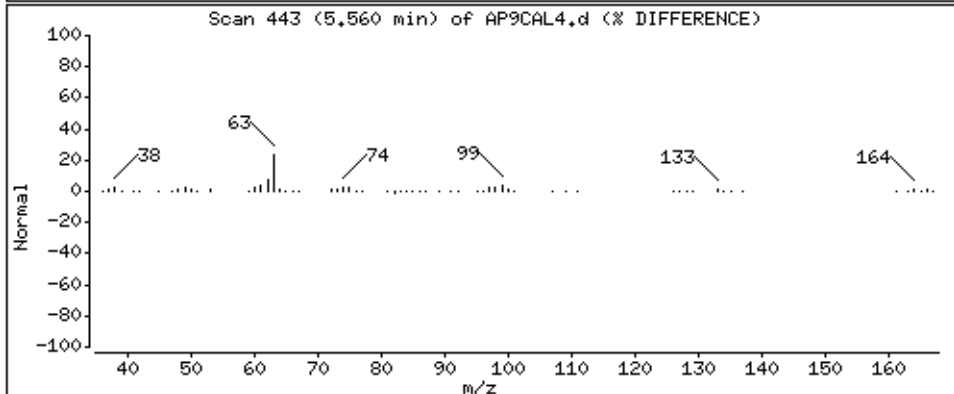
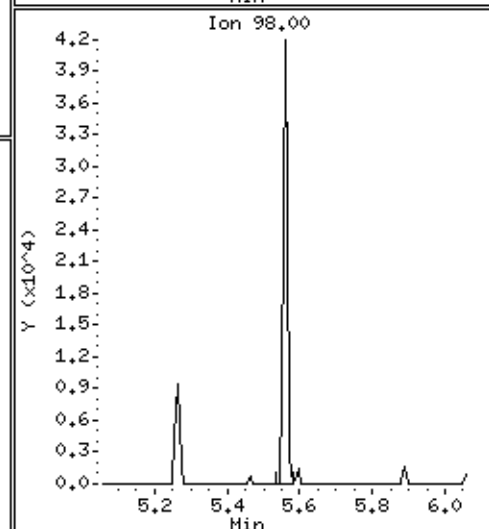
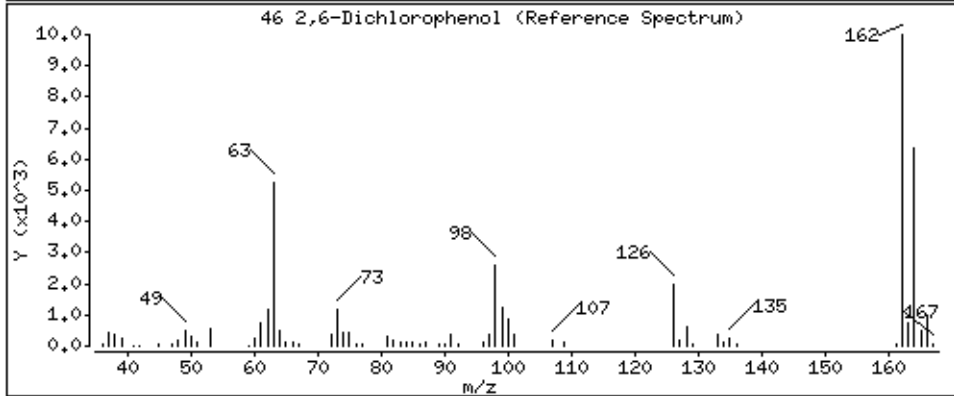
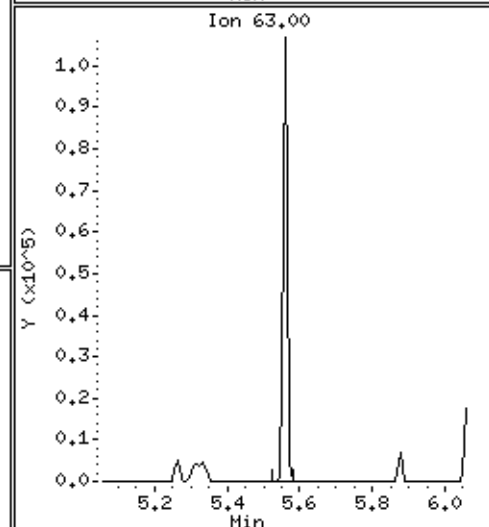
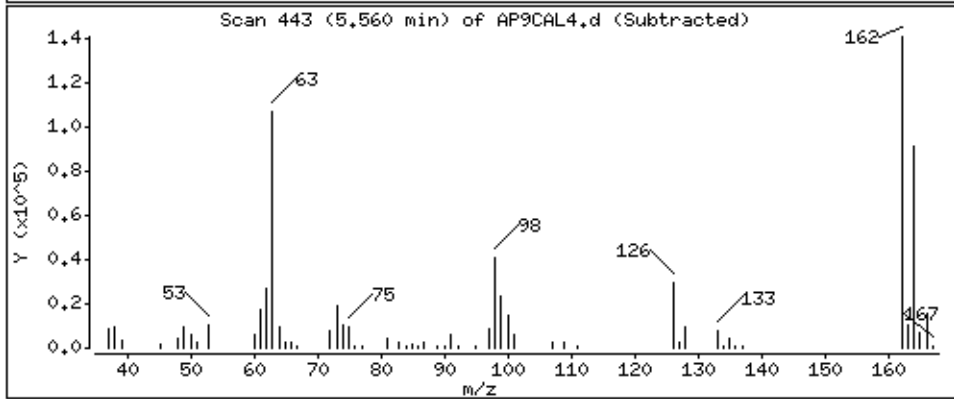
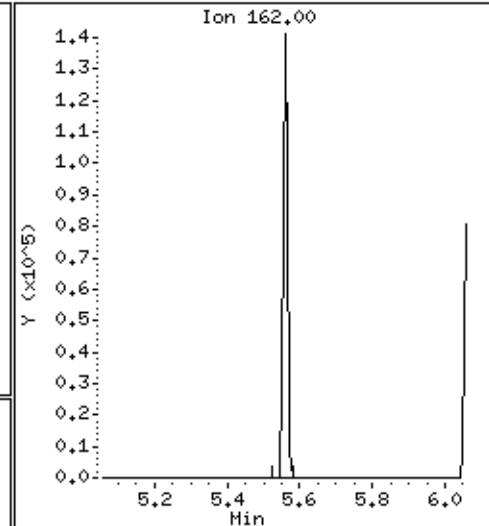
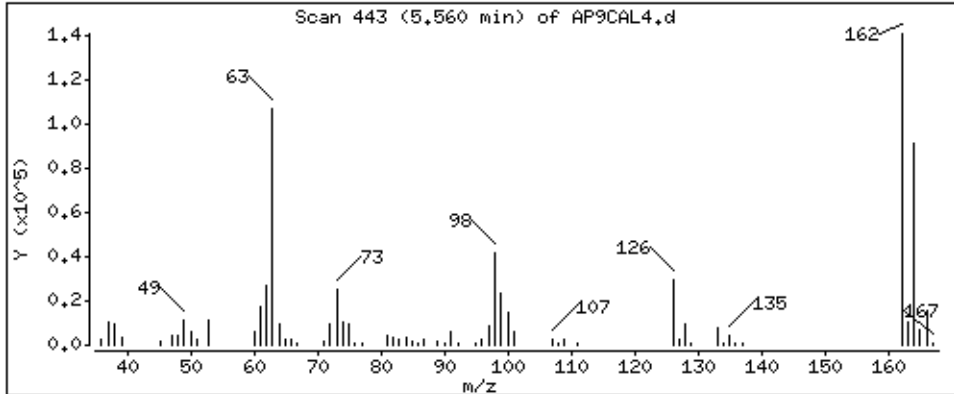
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

46 2,6-Dichlorophenol

Concentration: 45,6 ug/kg



Date: 15-NOV-2012 10:28

Client ID: AP9CAL4

Sample Info: 47936

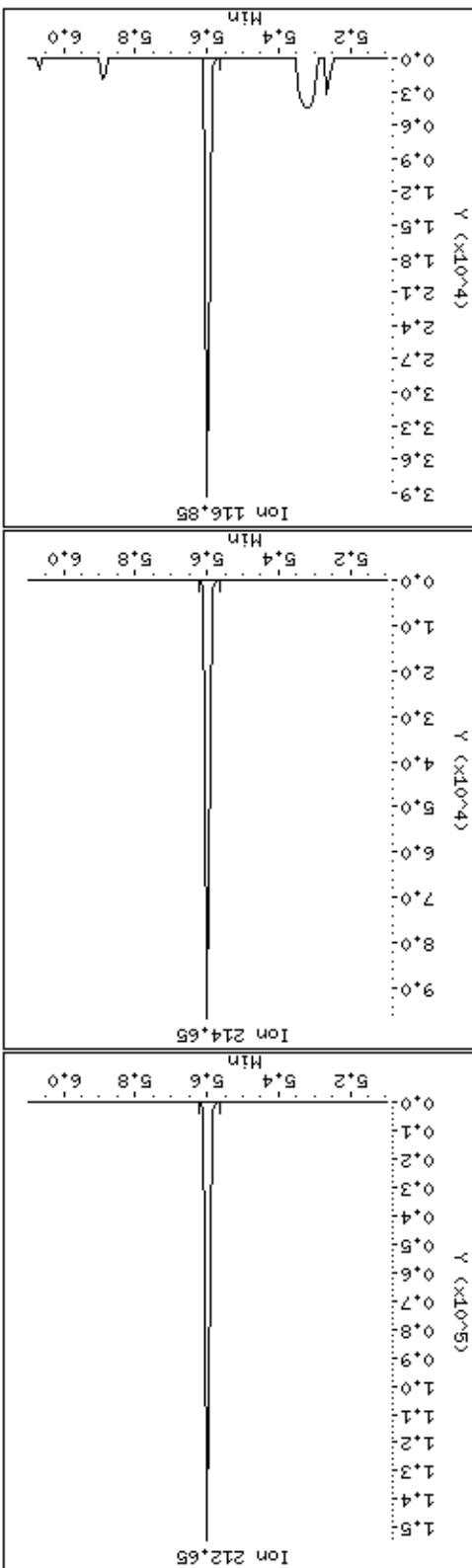
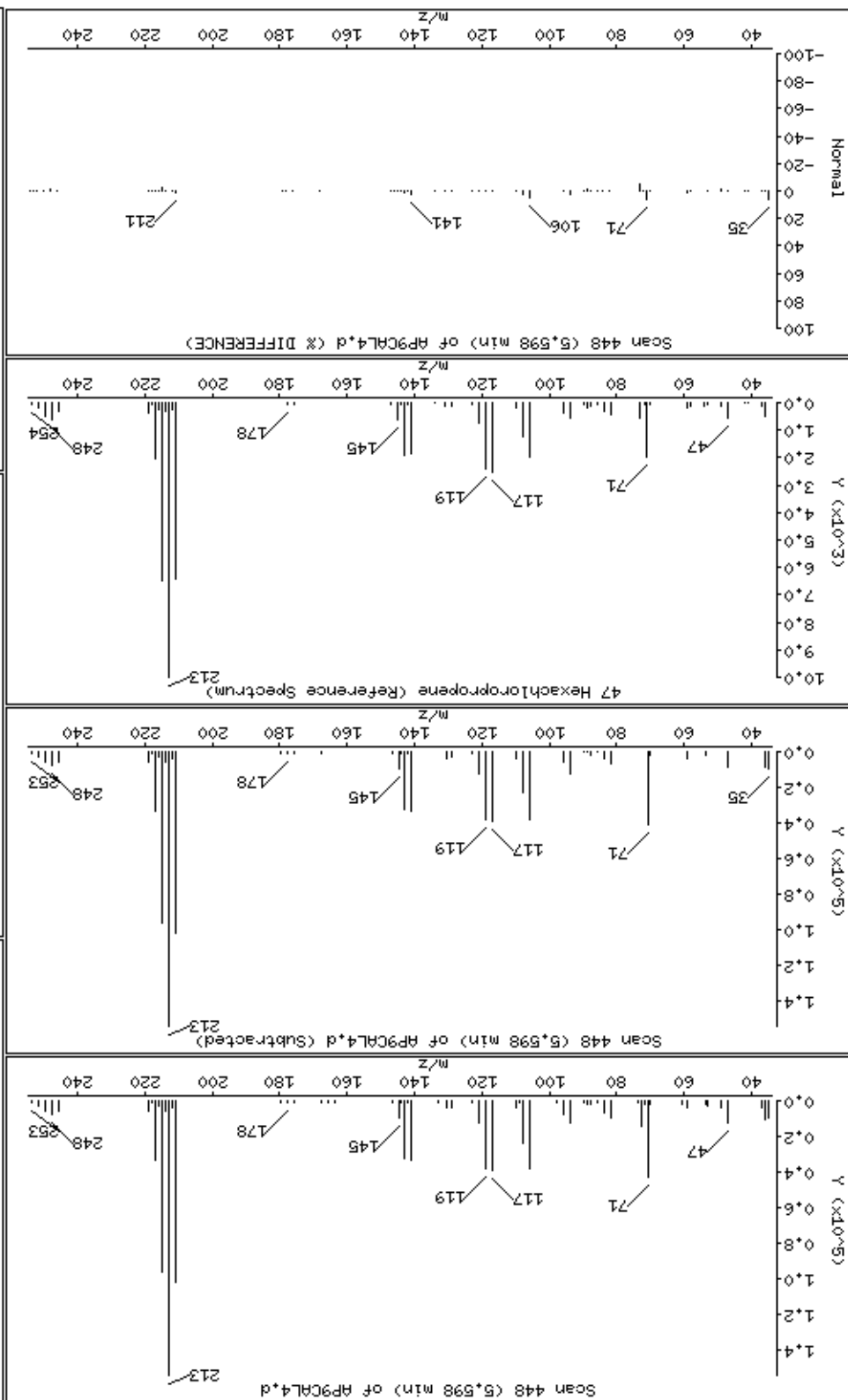
Operator: MJ

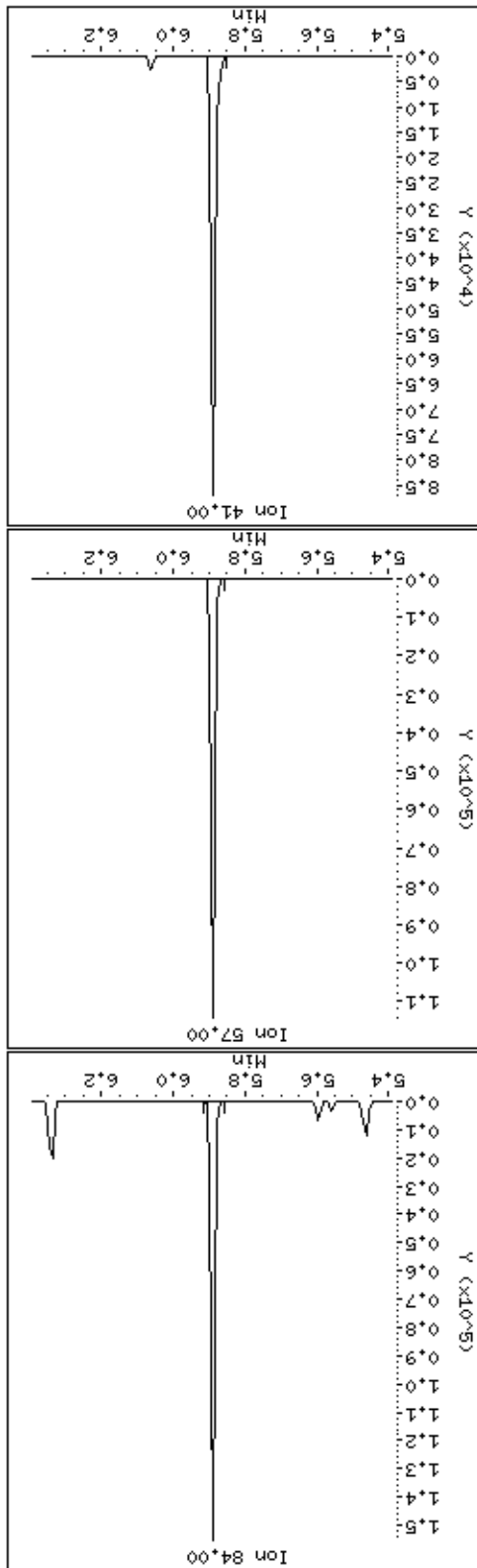
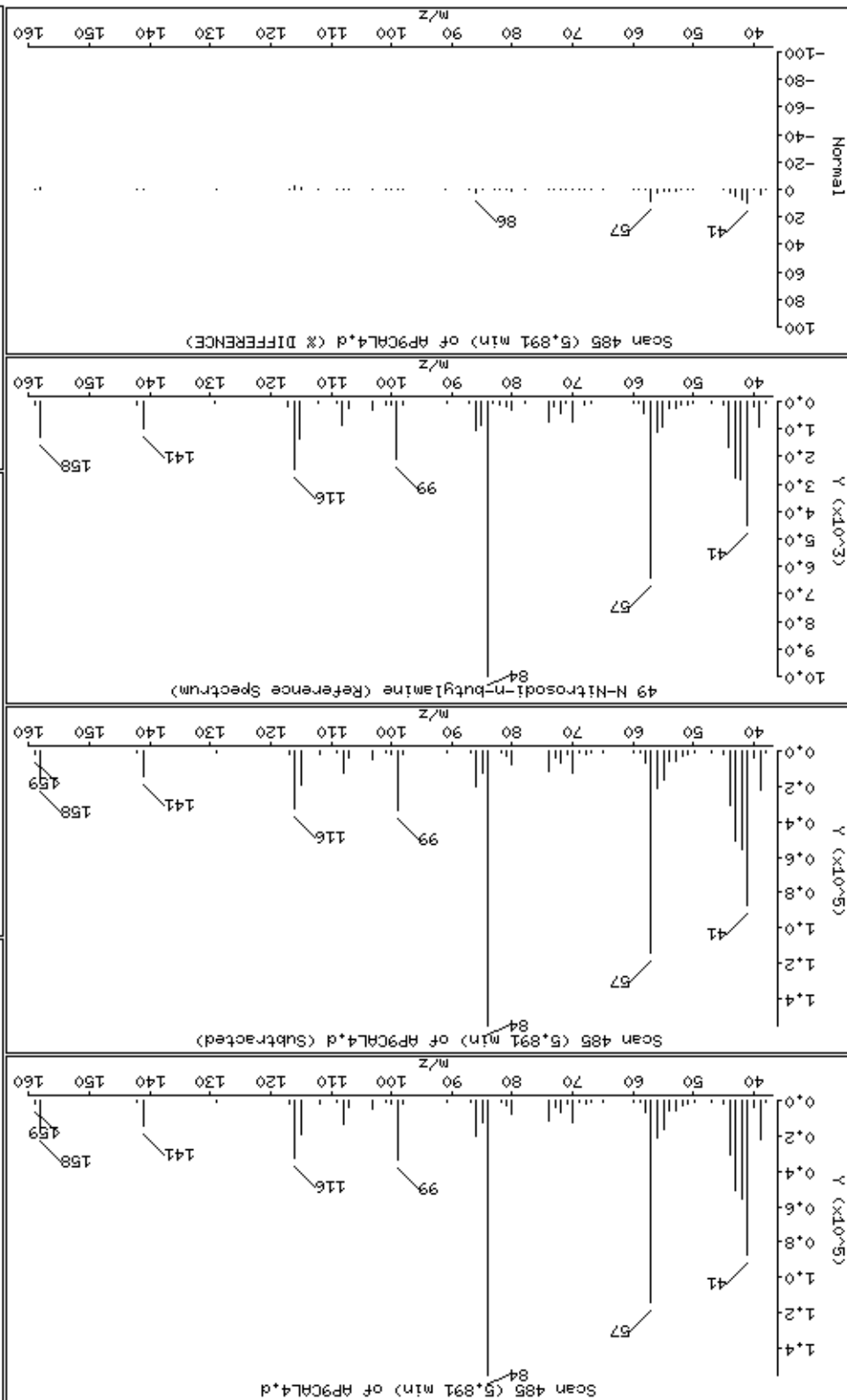
Column diameter: 0.25

Concentration: 47.0 ug/kg

Instrument: smsd04.1

47 Hexachloropropene





Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

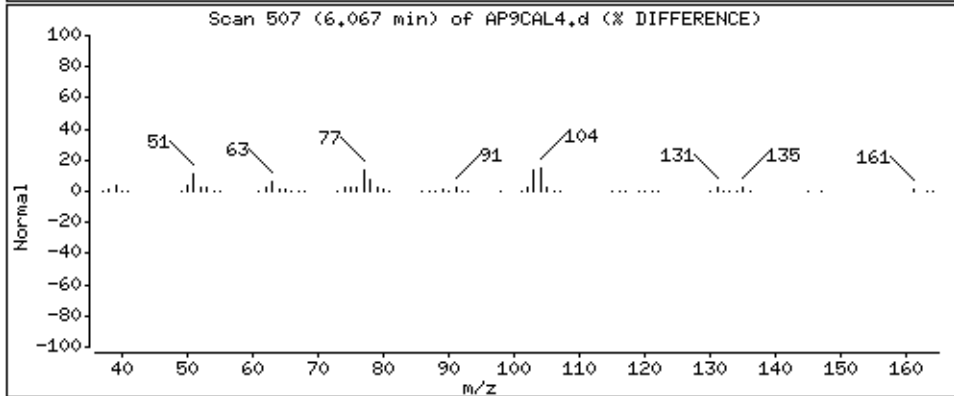
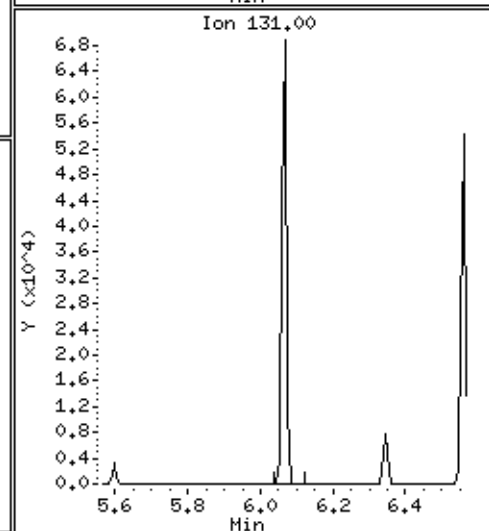
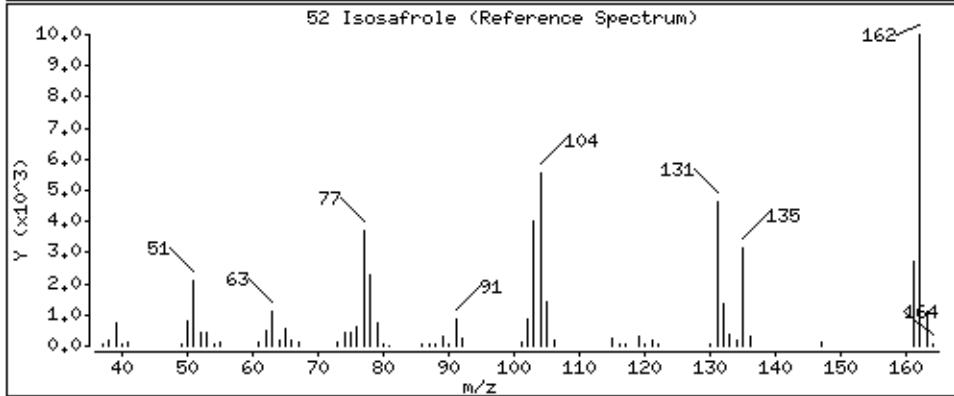
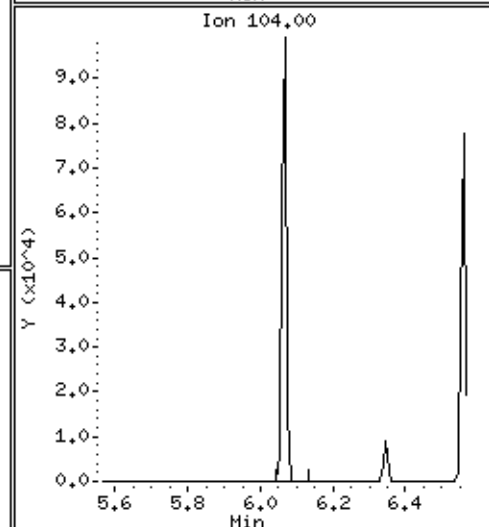
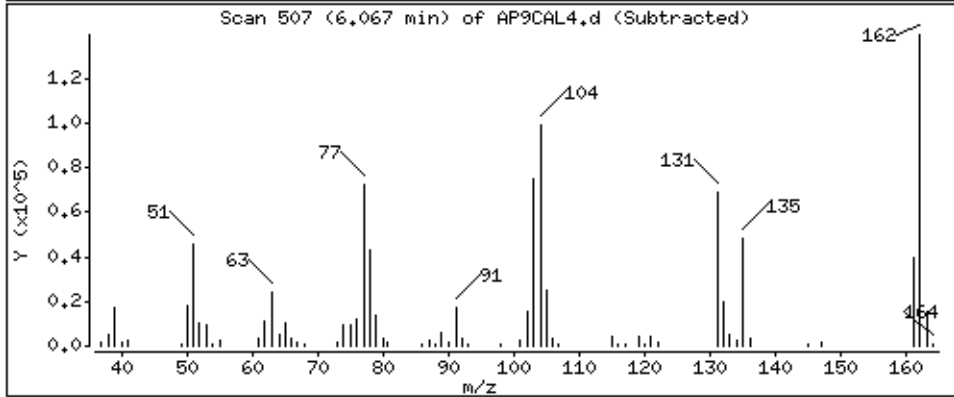
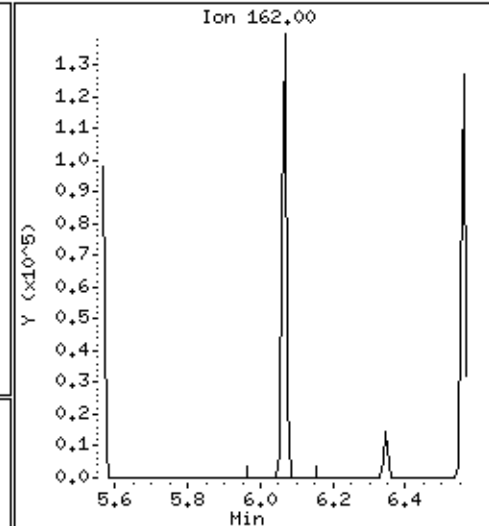
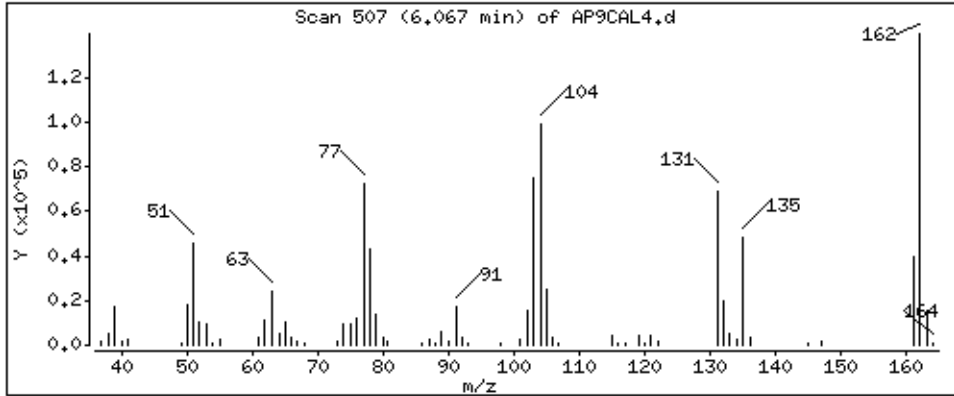
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

52 Isosafrole

Concentration: 45.4 ug/kg



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

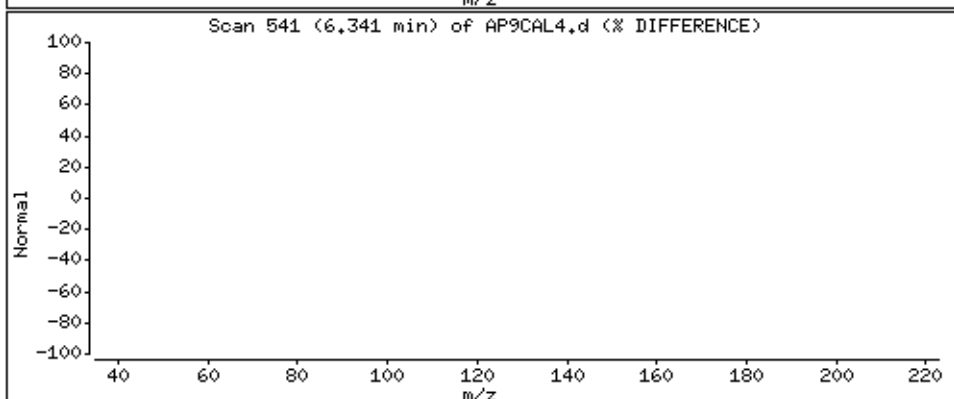
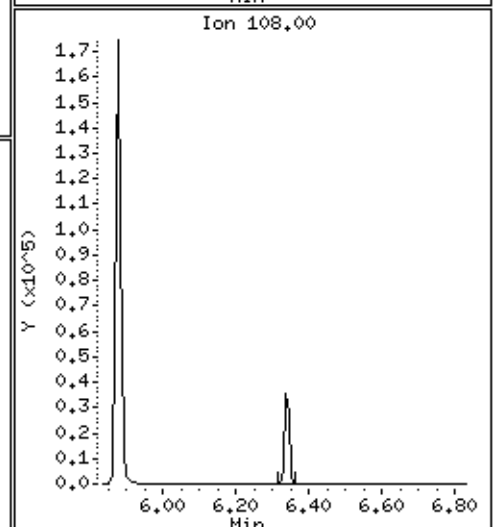
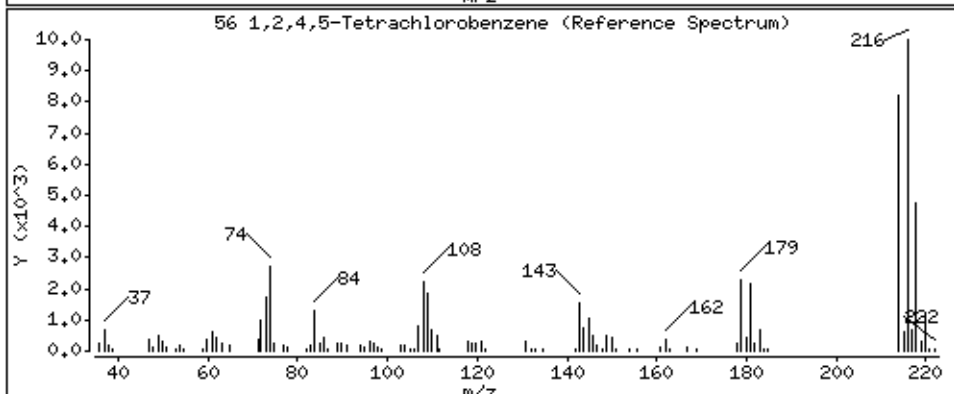
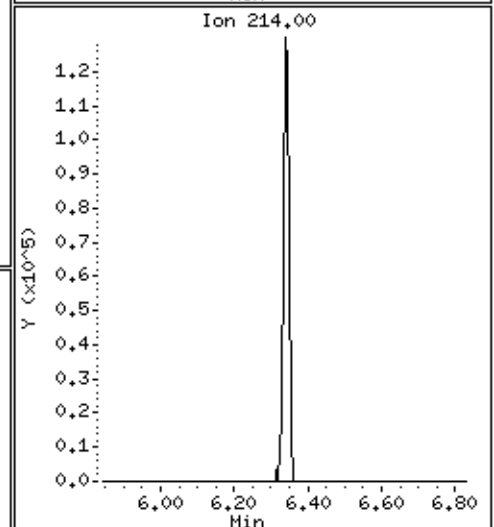
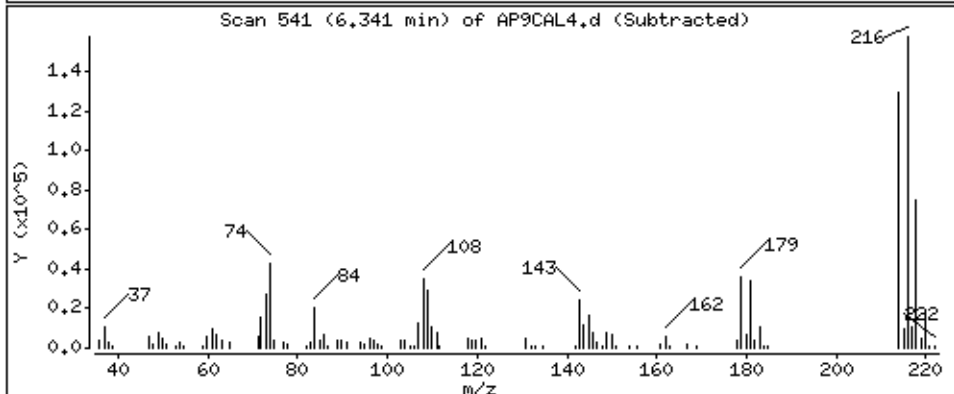
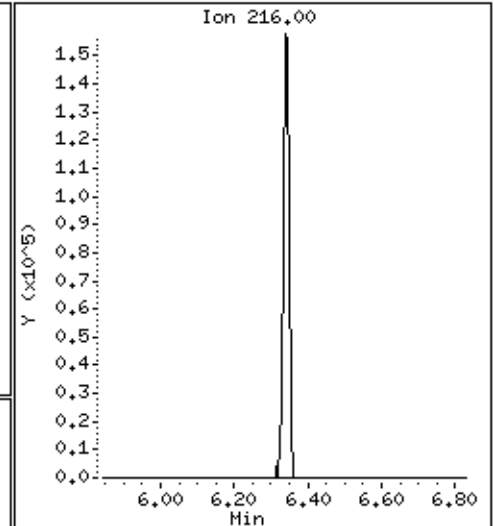
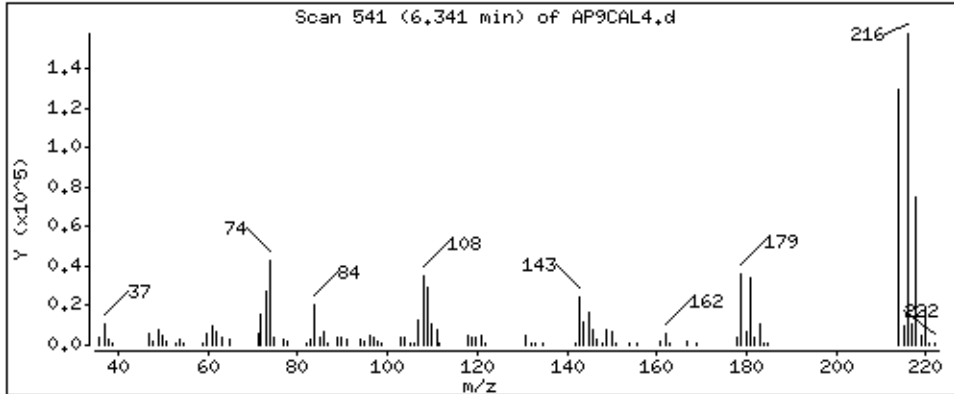
Operator: MJ

Column phase: HPMS-5

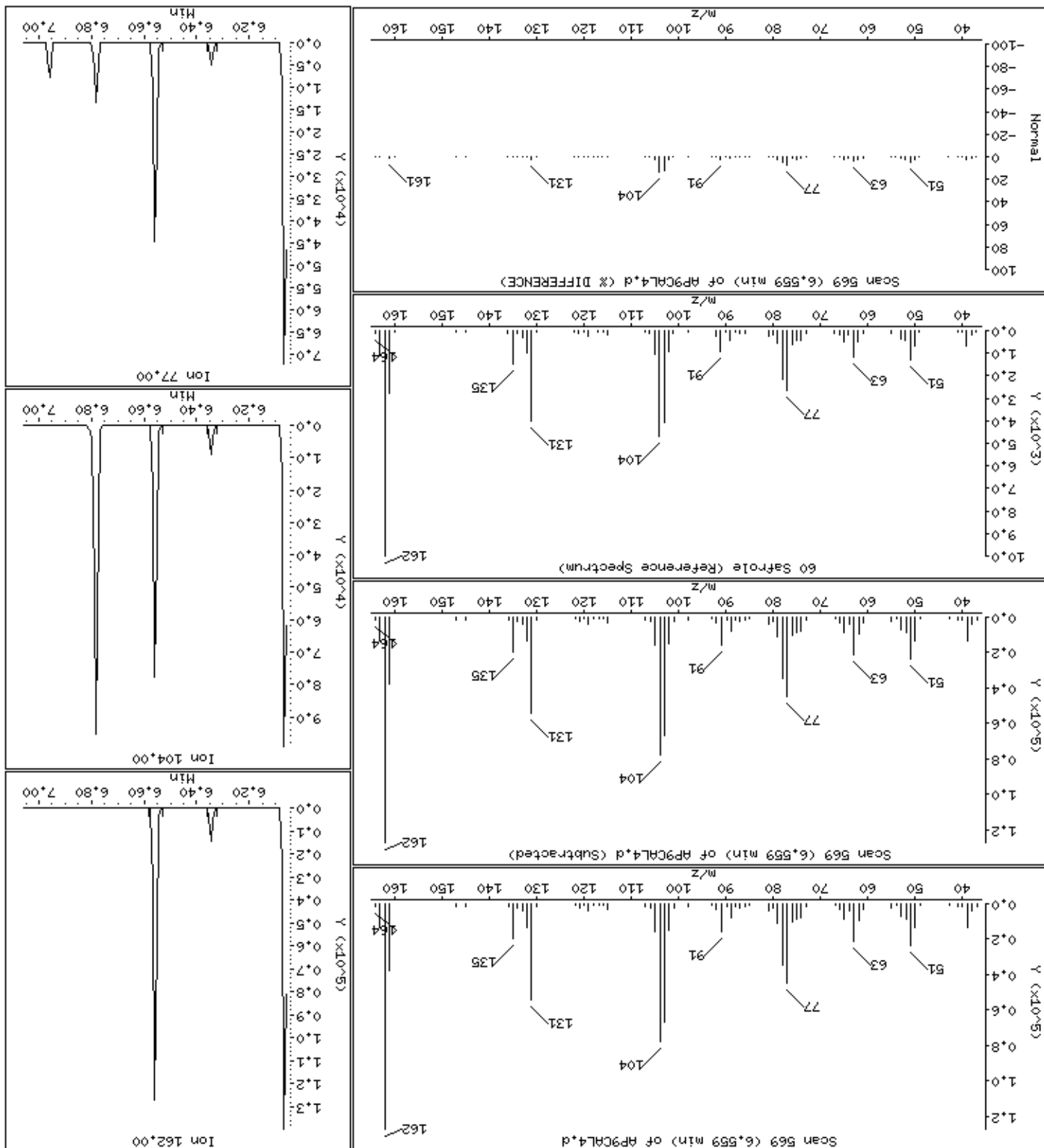
Column diameter: 0,25

56 1,2,4,5-Tetrachlorobenzene

Concentration: 45,1 ug/kg



60 Safrole



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

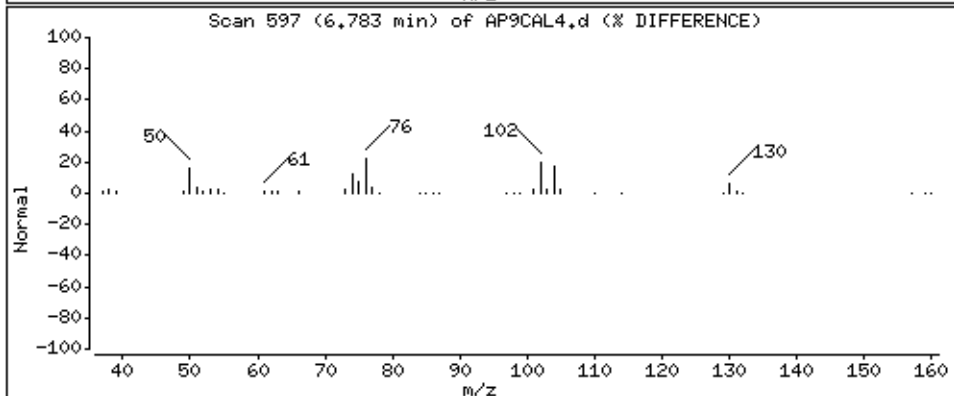
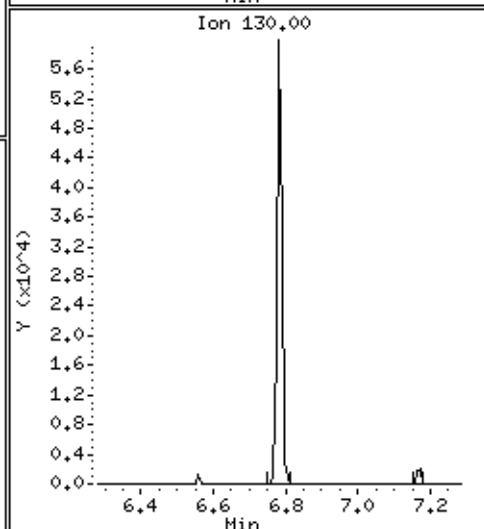
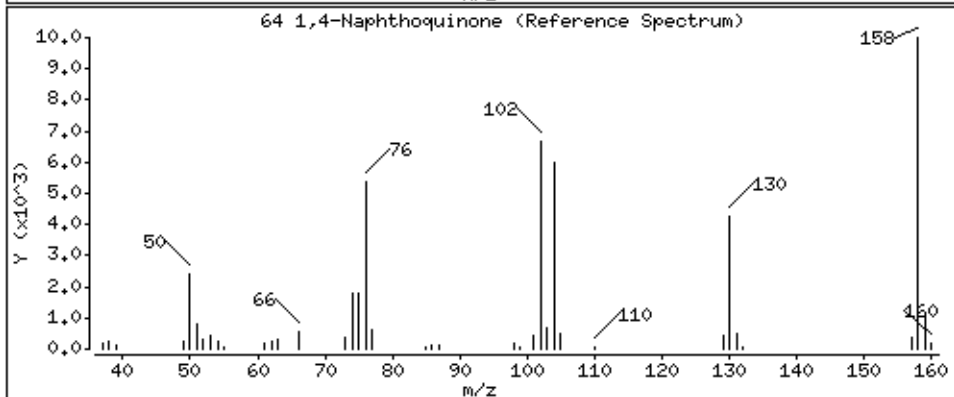
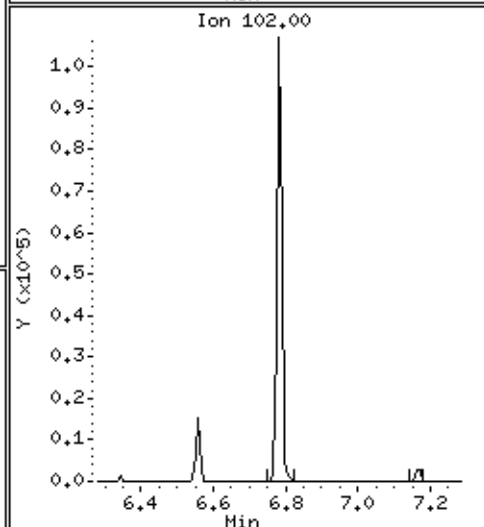
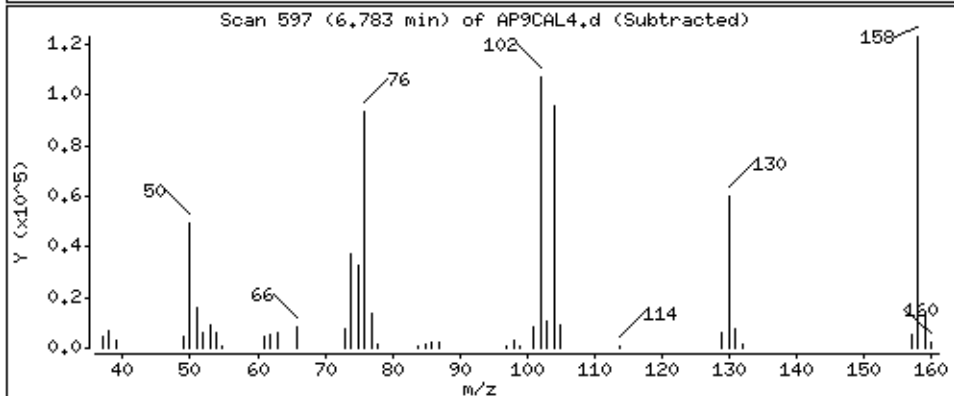
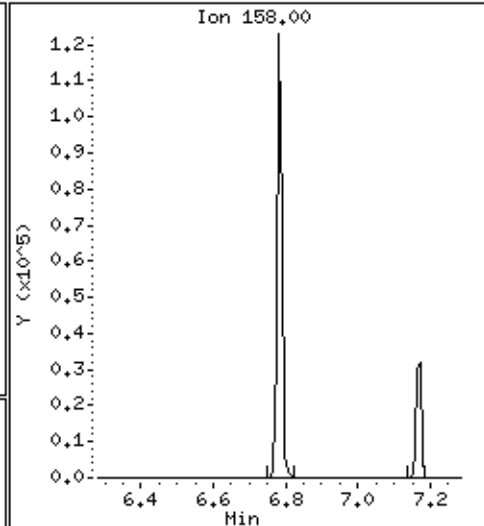
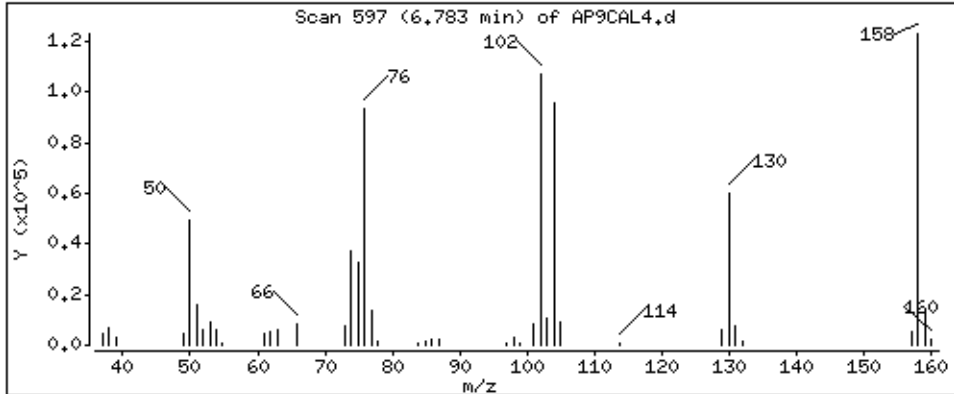
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

64 1,4-Naphthoquinone

Concentration: 48,2 ug/kg



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

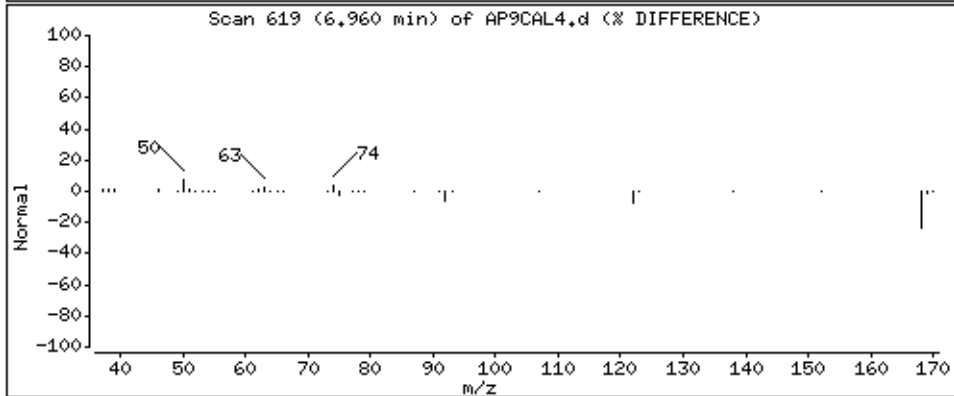
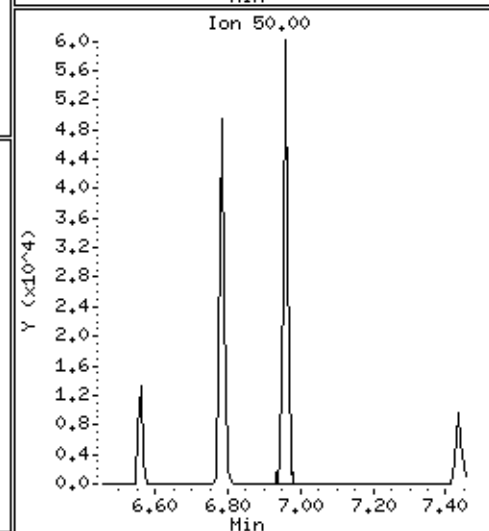
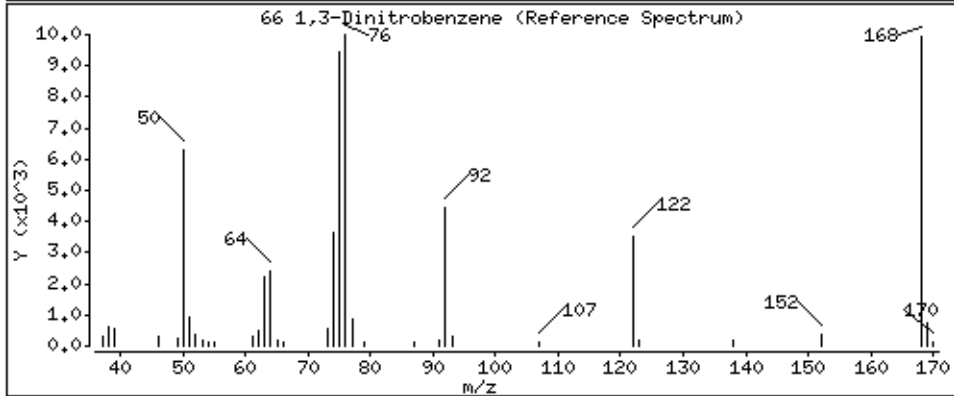
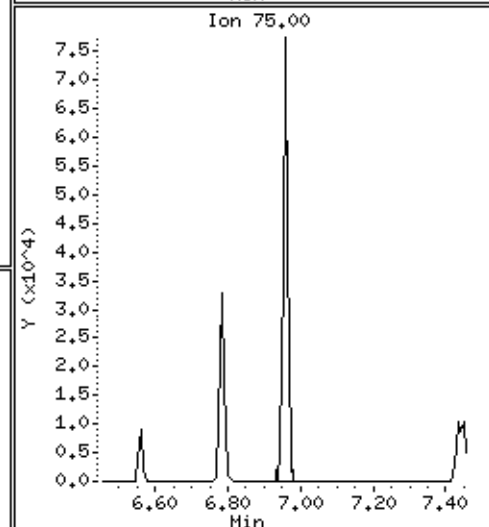
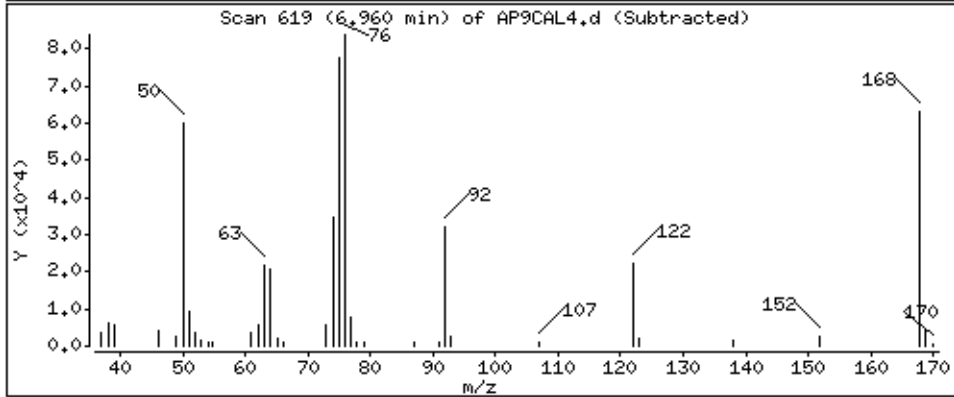
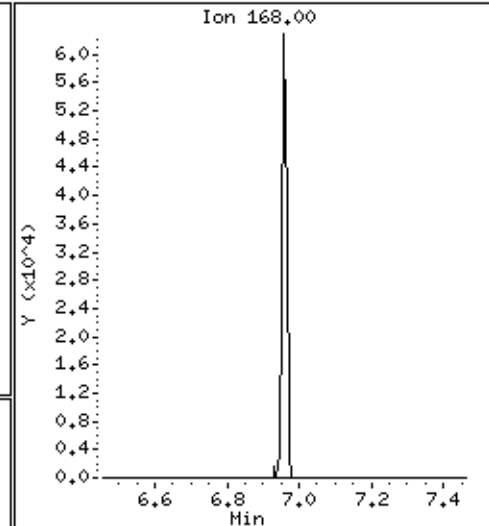
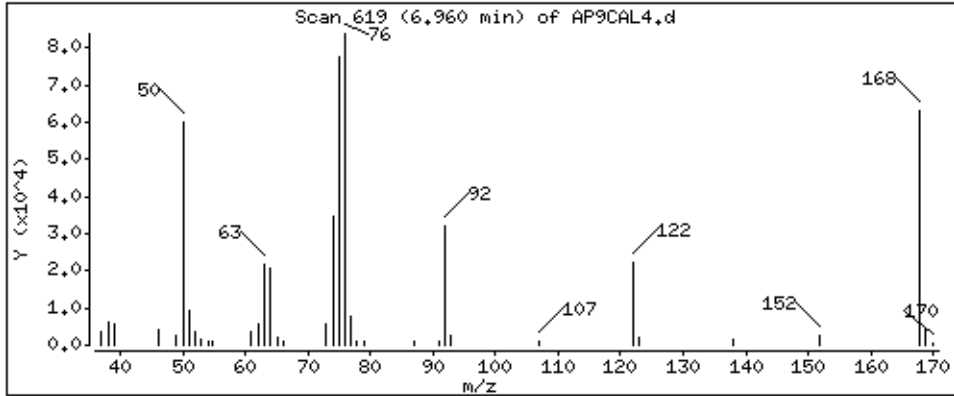
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

66 1,3-Dinitrobenzene

Concentration: 47.4 ug/kg





Date: 15-NOV-2012 10:28

Client ID: AP9CAL4

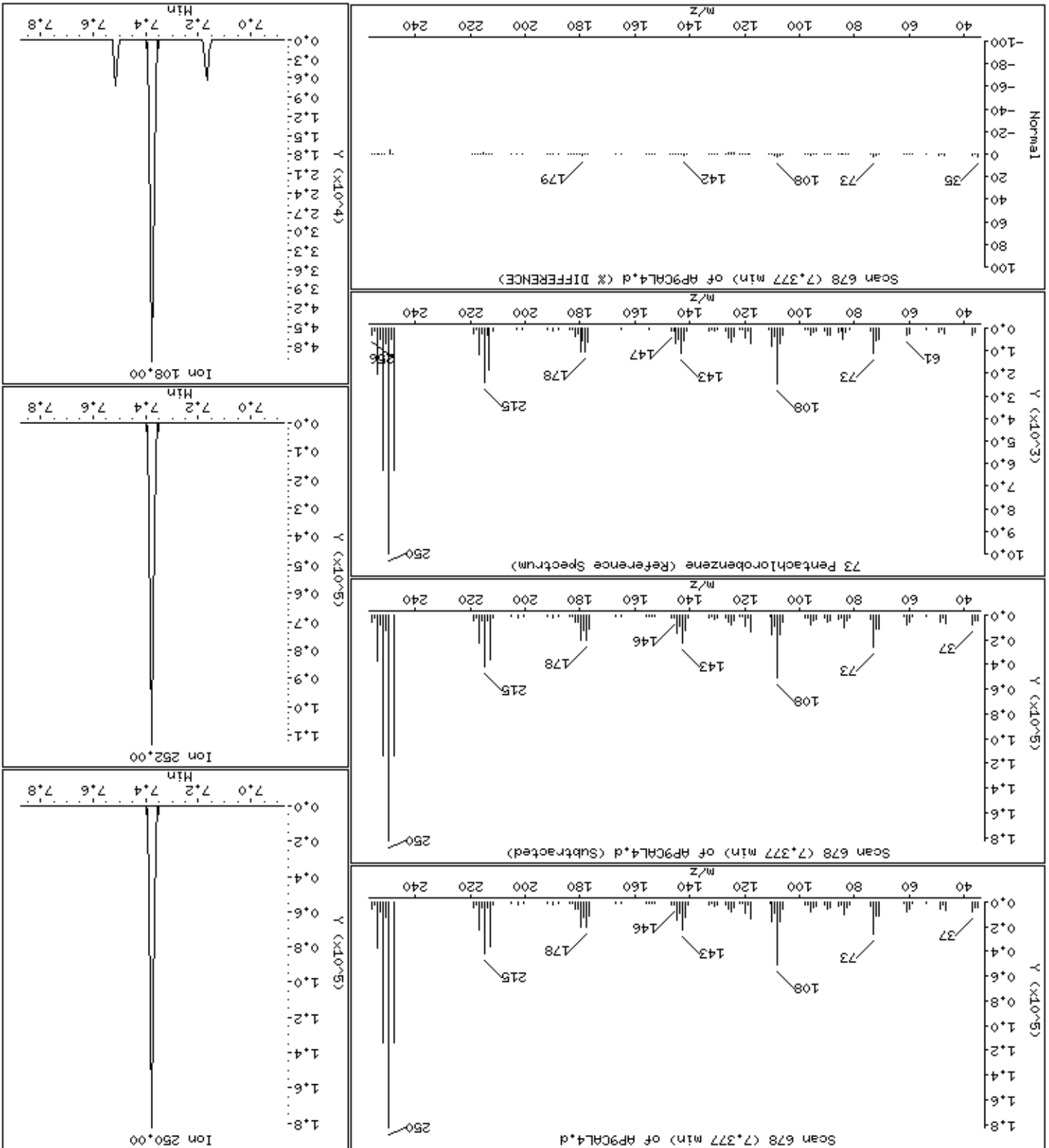
Sample Info: 47936

Operator: MJ

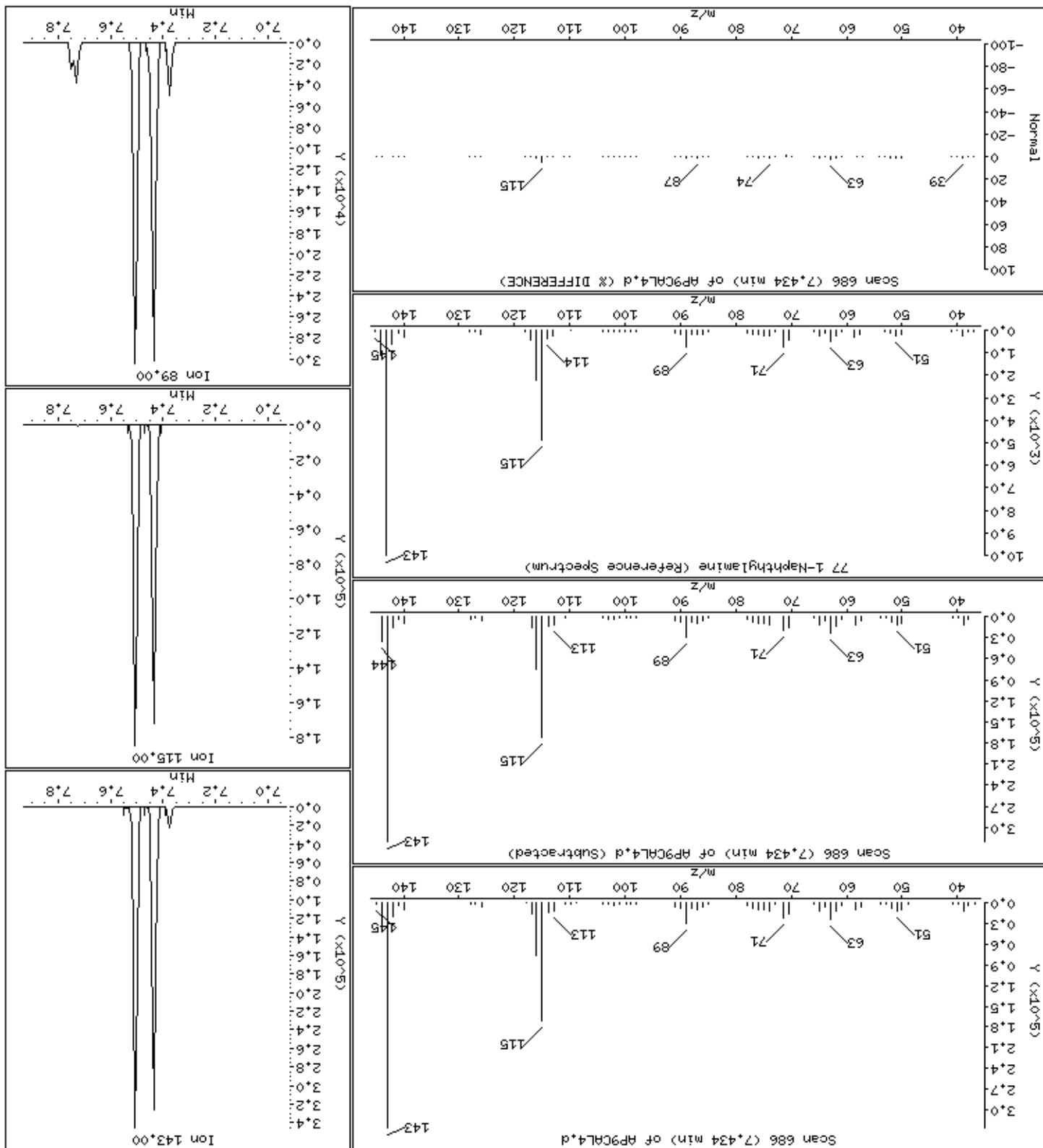
Column diameter: 0.25

Concentration: 44.7 ug/kg

73 Pentachlorobenzene



77-1-Naphthylamine



Date: 15-NOV-2012 10:28

Client ID: AP9CAL4

Sample Info: 47936

Operator: MJ

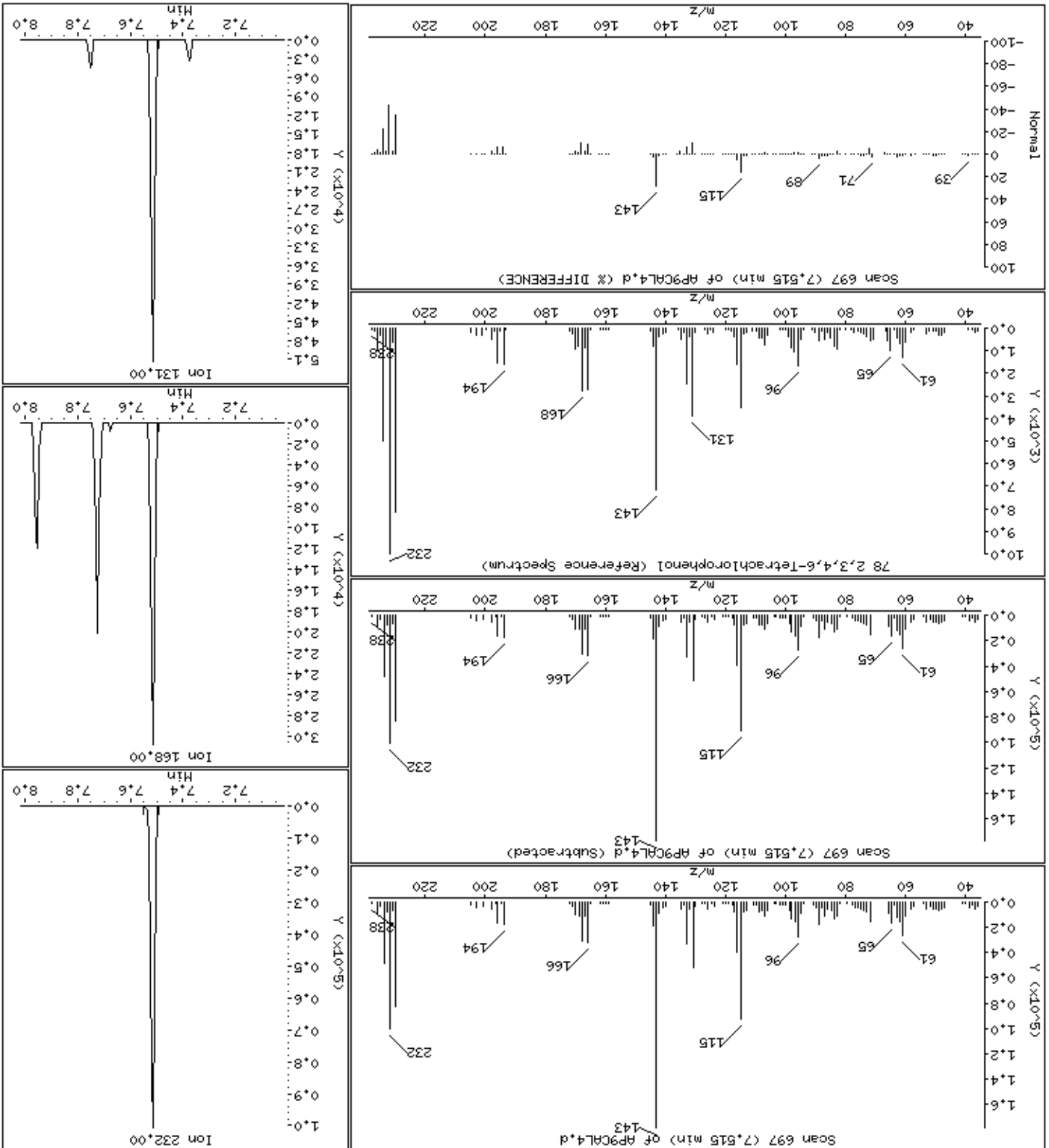
Column diameter: 0.25

Concentration: 47.8 ug/kg

Instrument: smsd04.1

78 2,3,4,6-Tetrachlorophenol

Column phase: HPMS-5



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

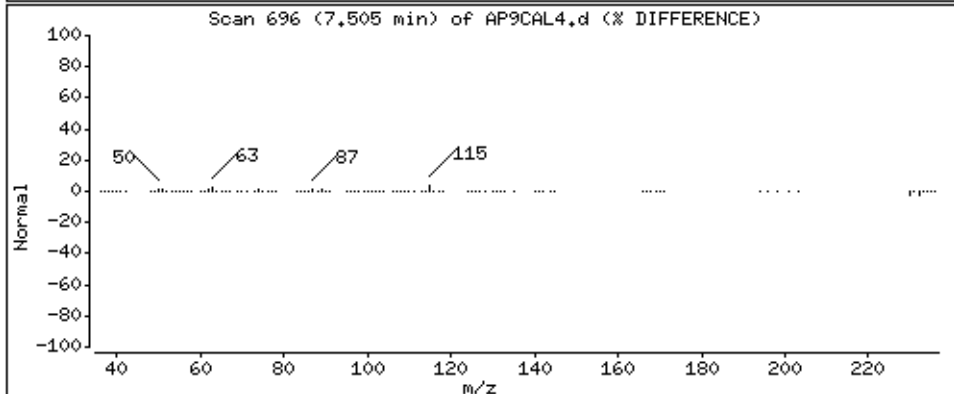
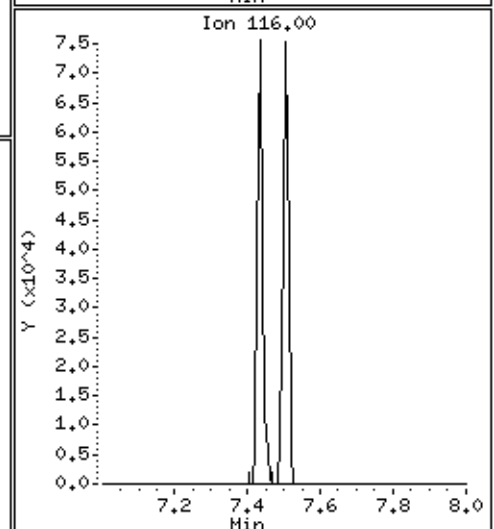
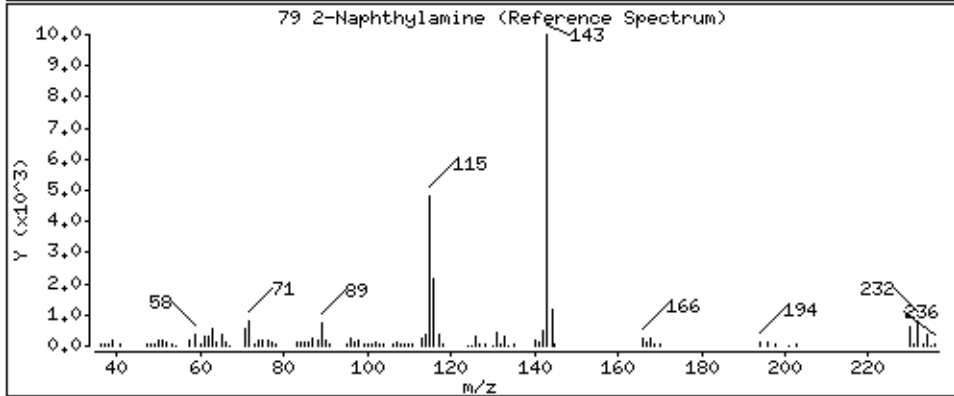
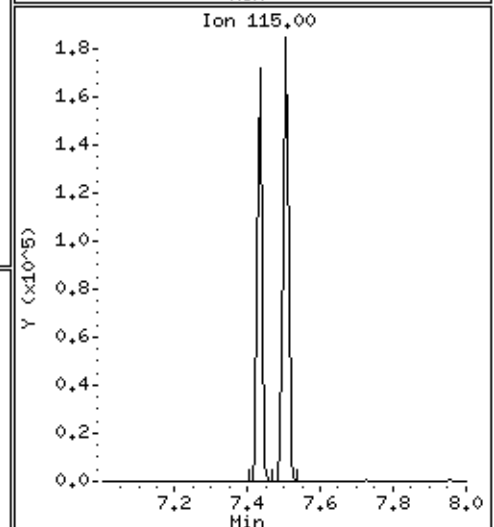
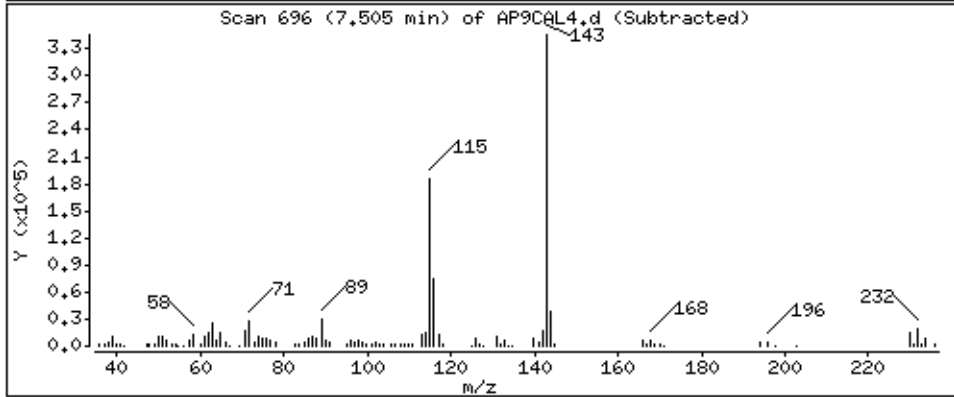
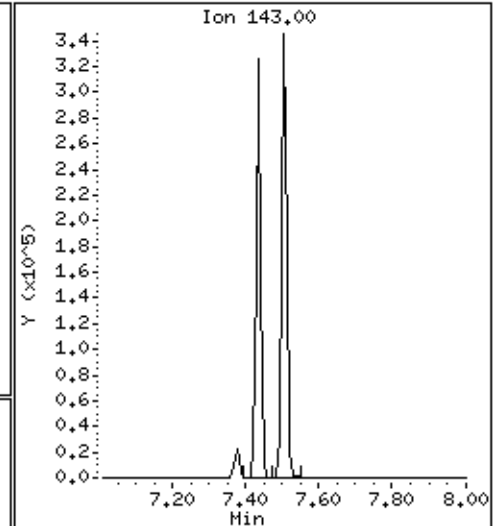
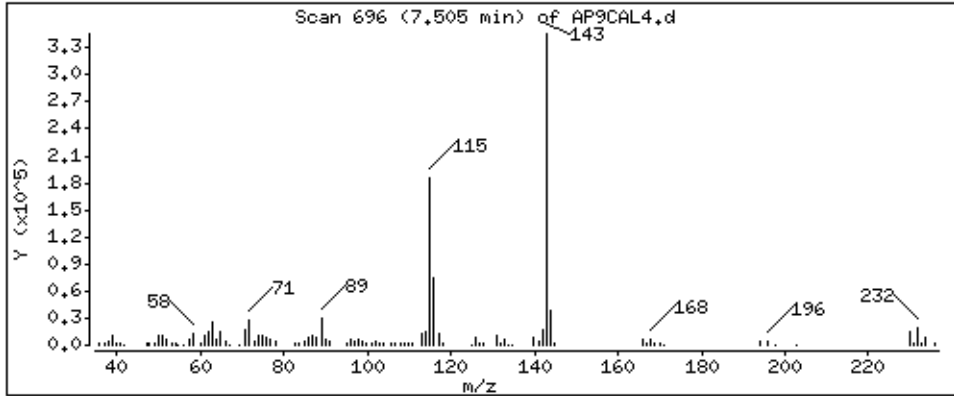
Operator: MJ

Column phase: HPMS-5

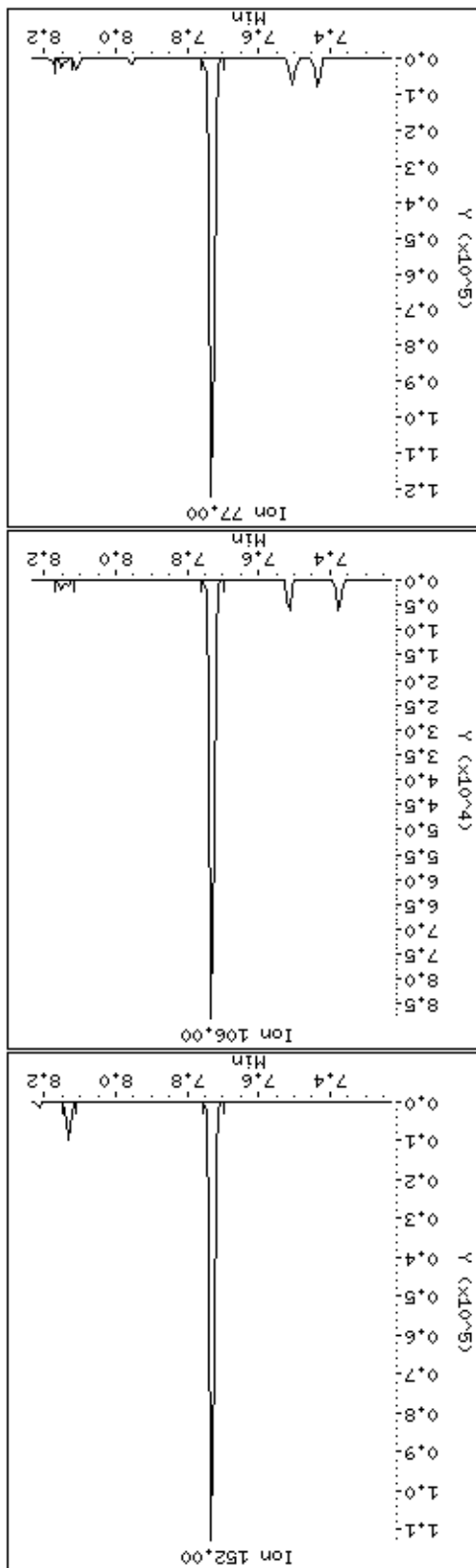
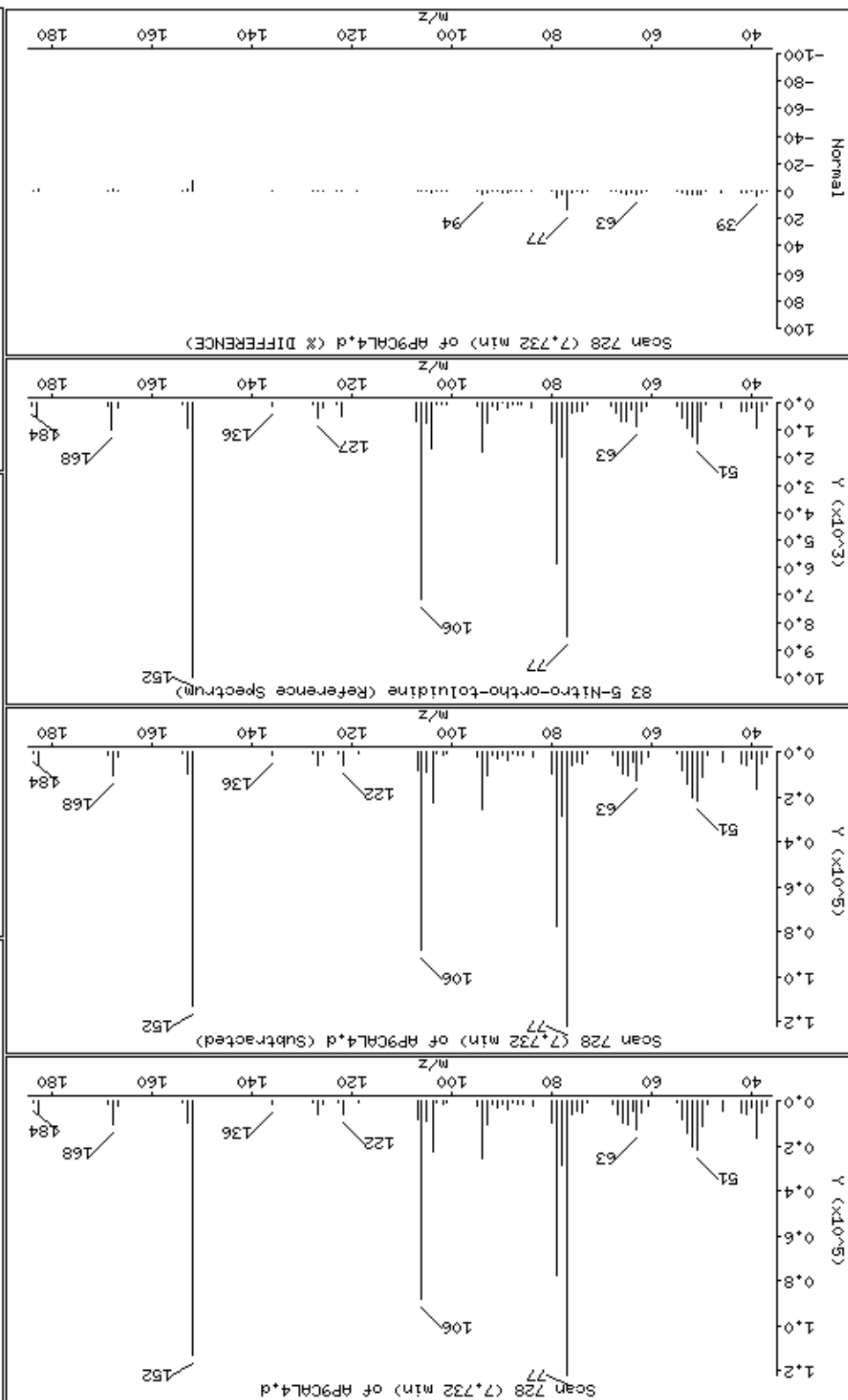
Column diameter: 0,25

79 2-Naphthylamine

Concentration: 46,3 ug/kg



83 5-Nitro-ortho-toluidine



Date: 15-NOV-2012 10:28

Client ID: AP9CAL4

Sample Info: 47936

Operator: MJ

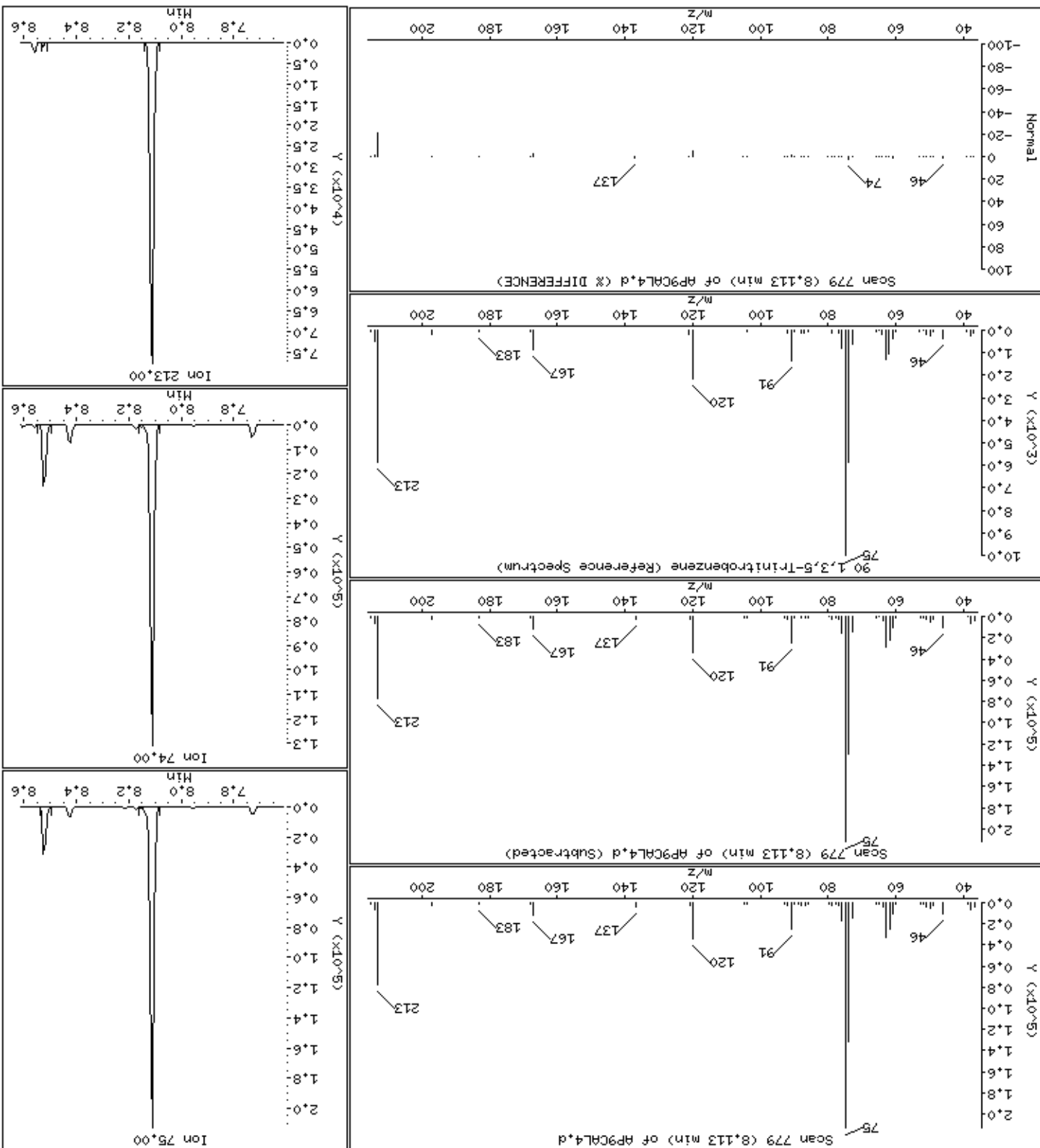
Column diameter: 0.25

Concentration: 44.5 ug/kg

Instrument: smsd04.1

90 1,3,5-Trinitrobenzene

Column phase: HPMS-5



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

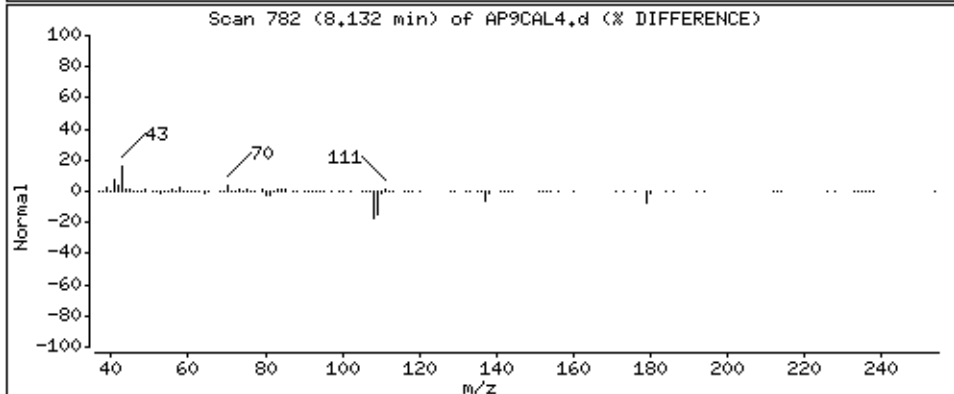
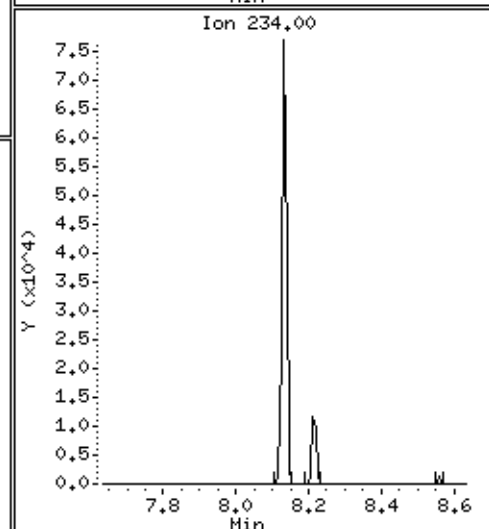
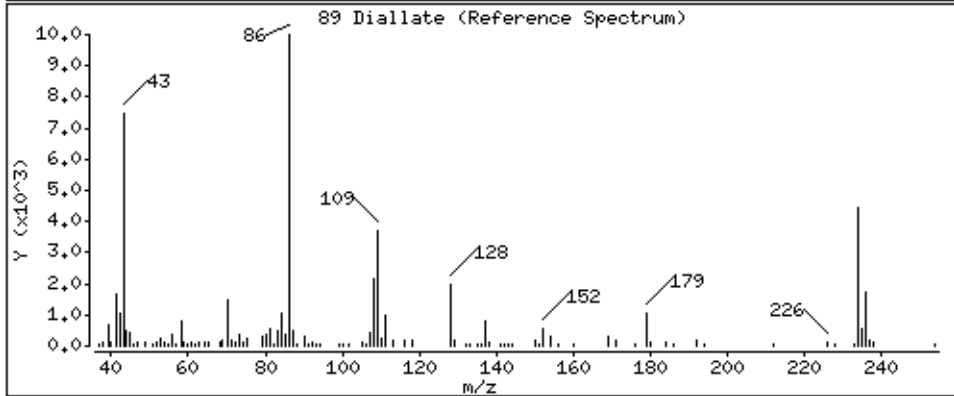
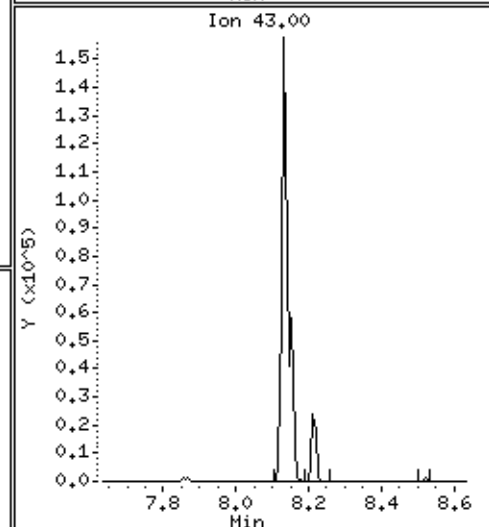
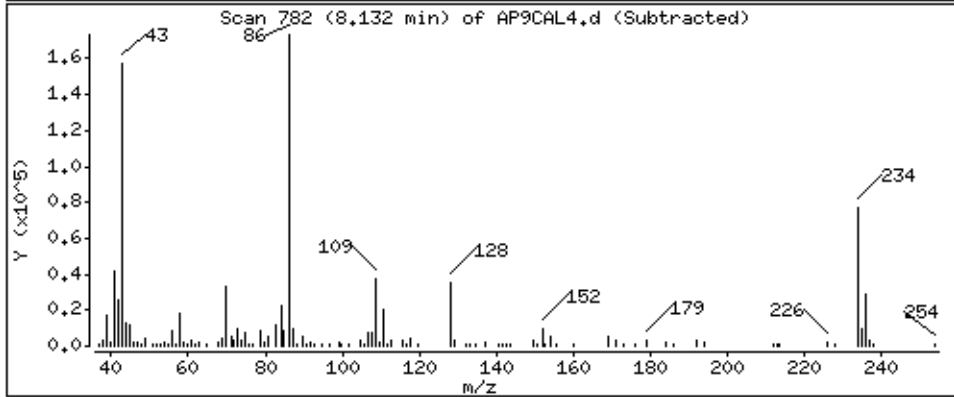
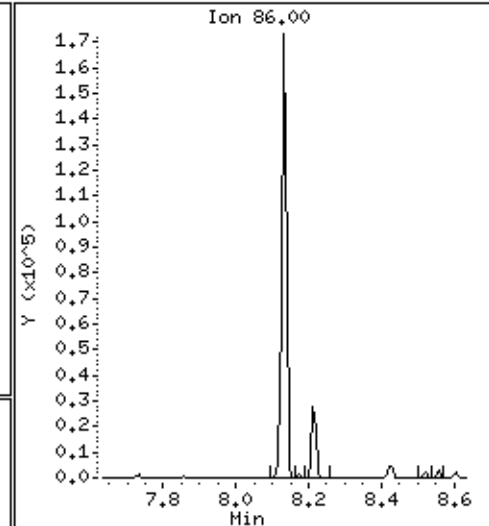
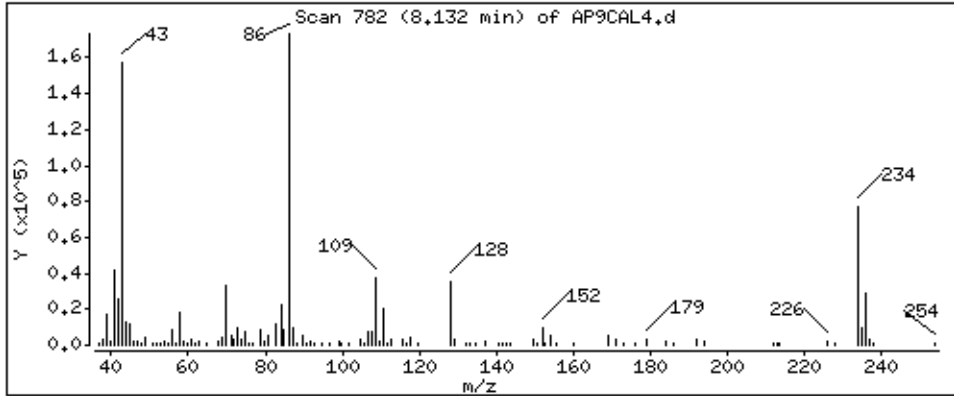
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

89 Diallate

Concentration: 38,4 ug/kg



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

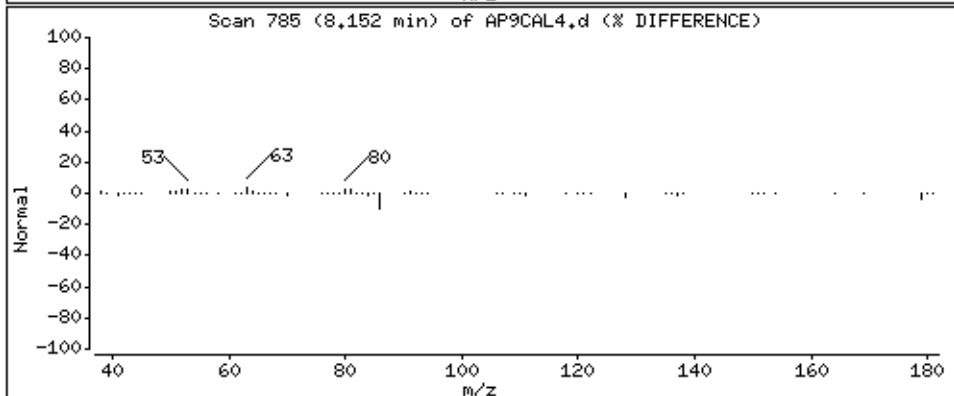
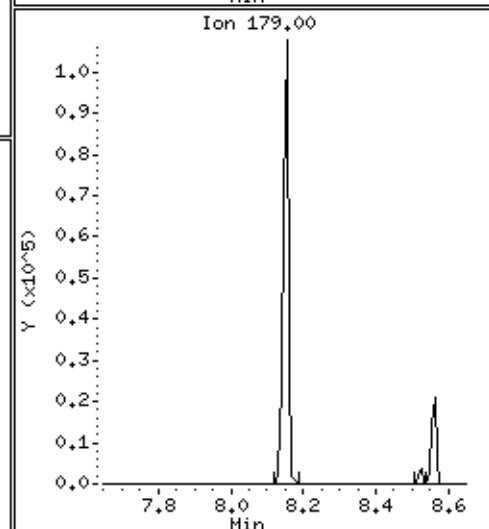
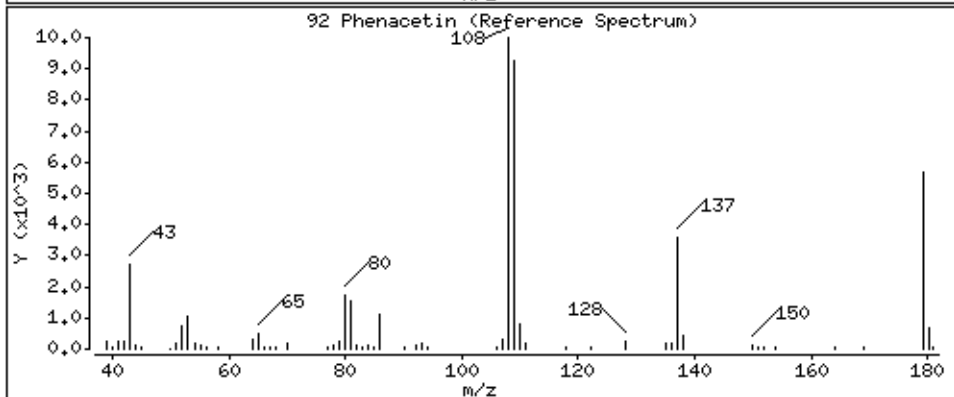
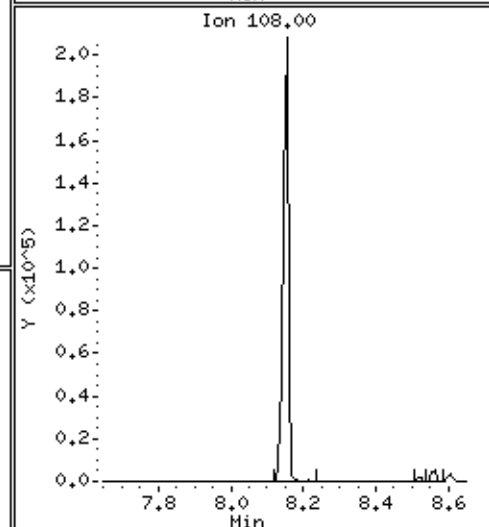
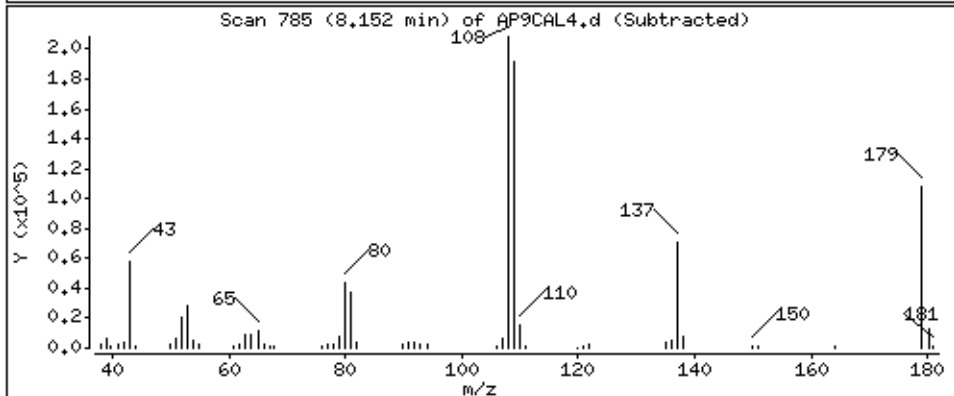
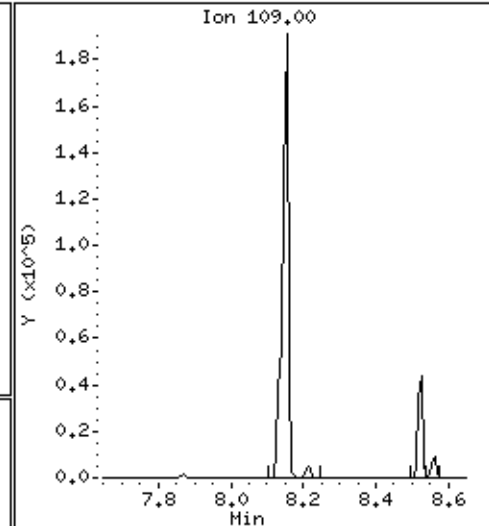
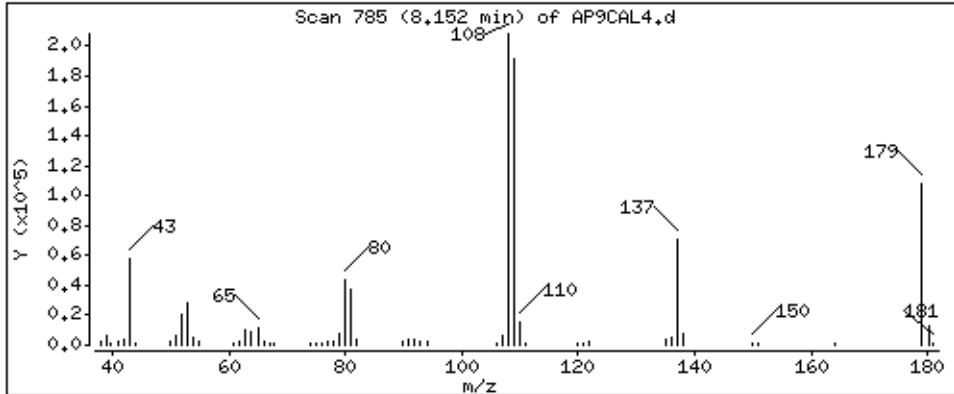
Operator: MJ

Column phase: HPHS-5

Column diameter: 0.25

92 Phenacetin

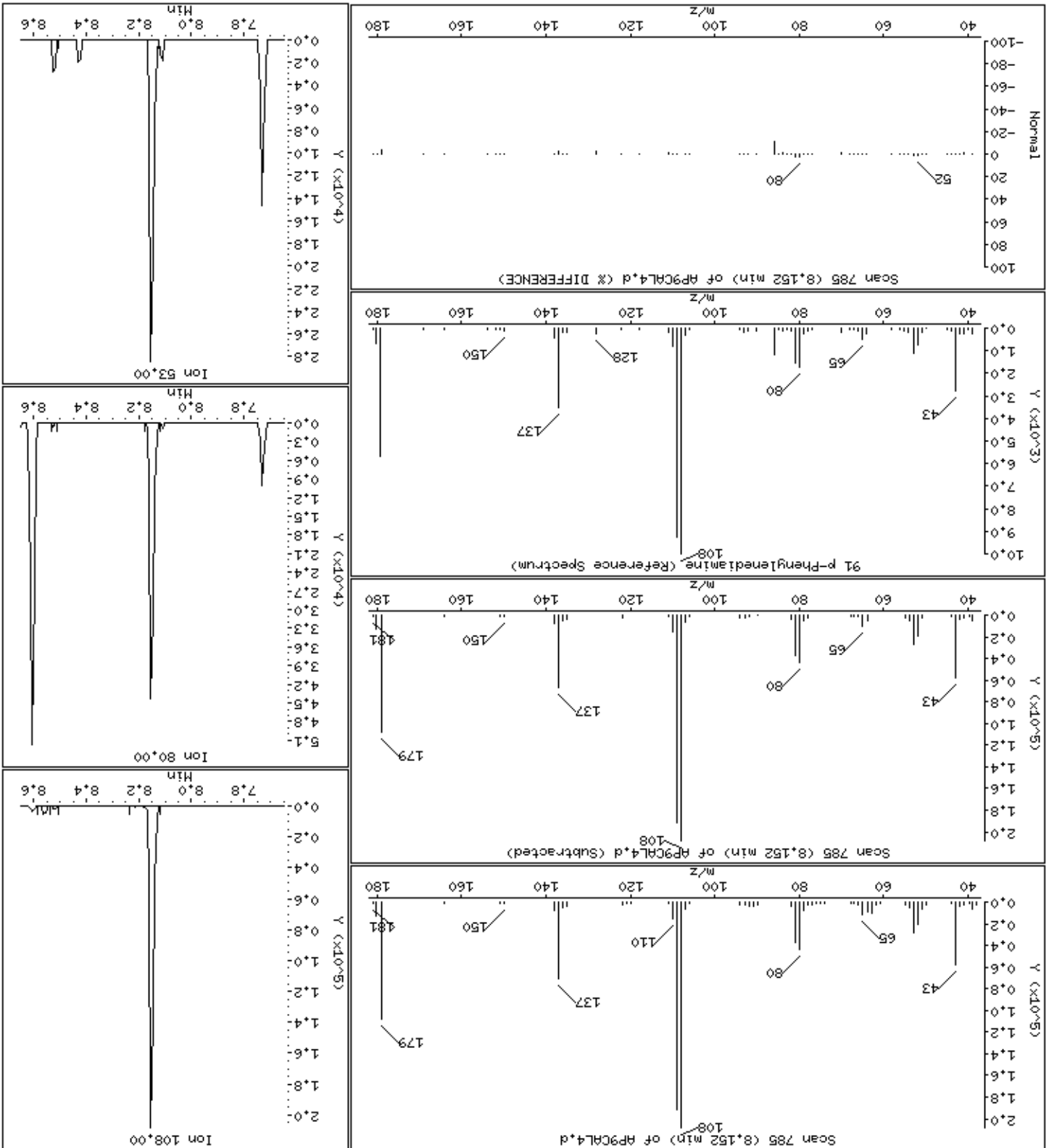
Concentration: 47.7 ug/kg





91-p-Phenylenediamine

Column phase: HPMS-5



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

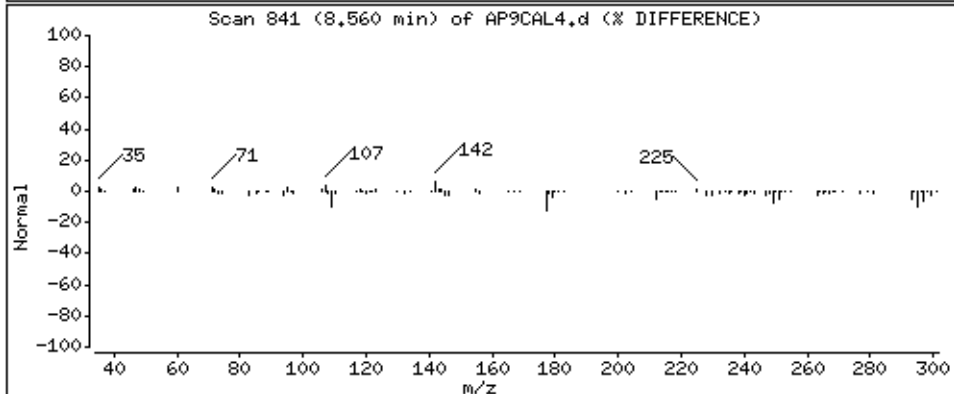
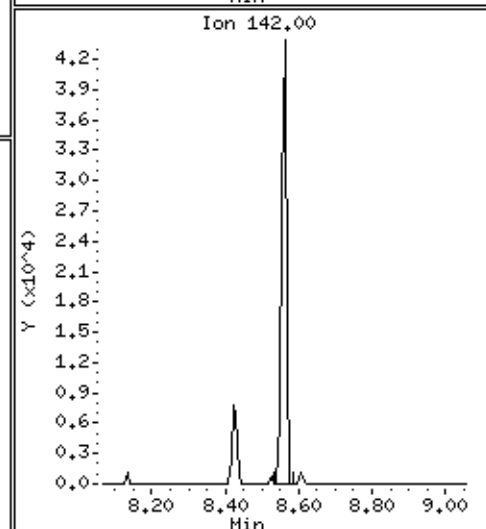
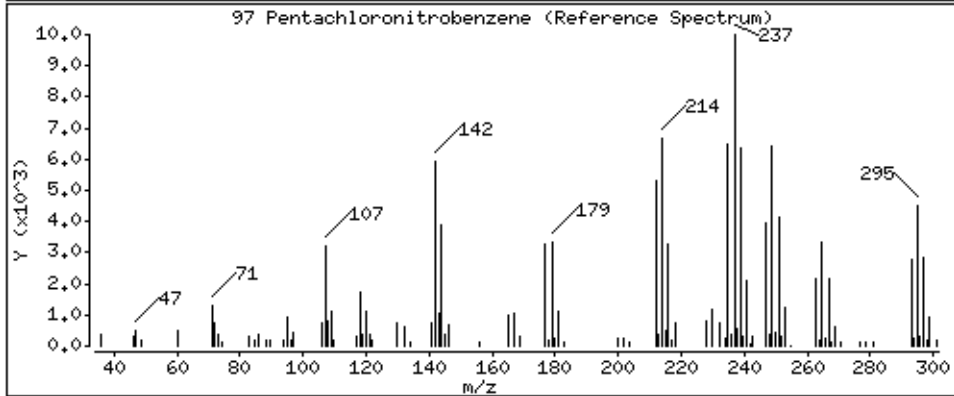
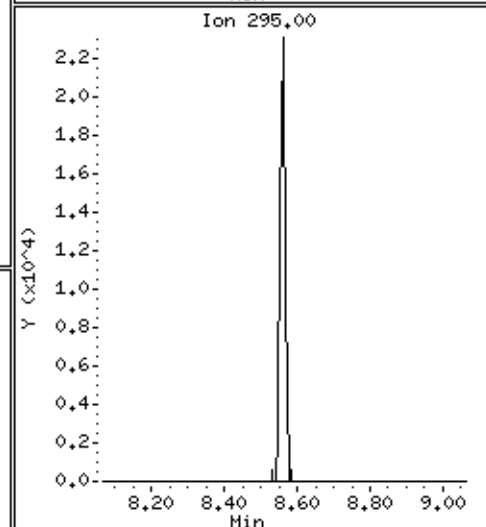
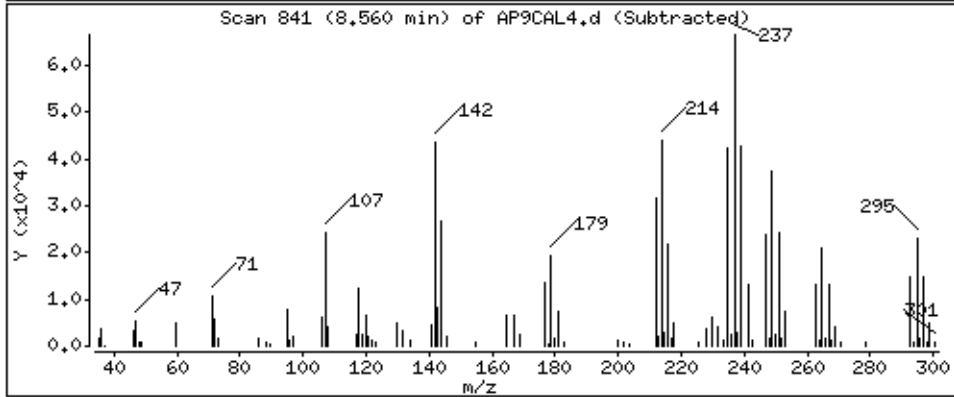
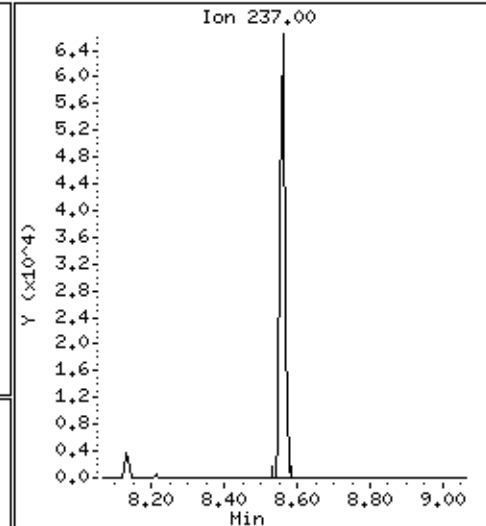
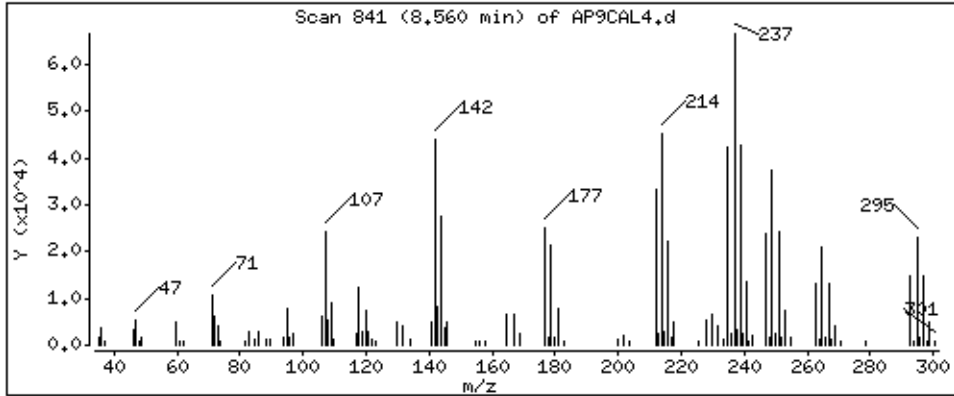
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

97 Pentachloronitrobenzene

Concentration: 46,2 ug/kg



Date: 15-NOV-2012 10:28

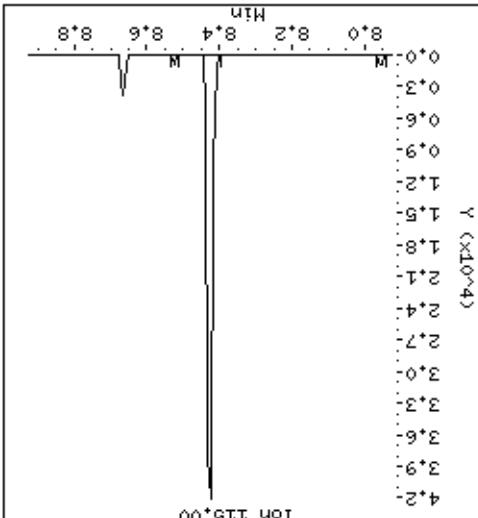
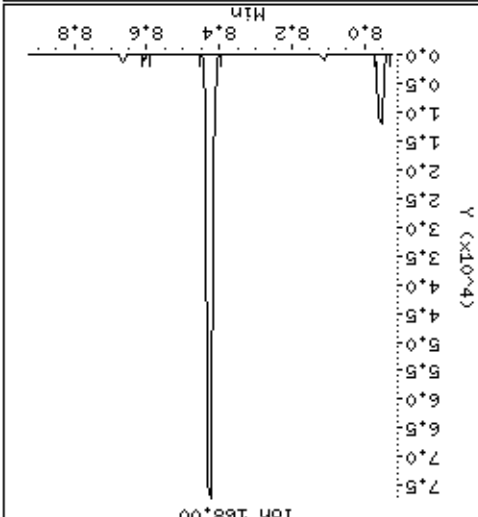
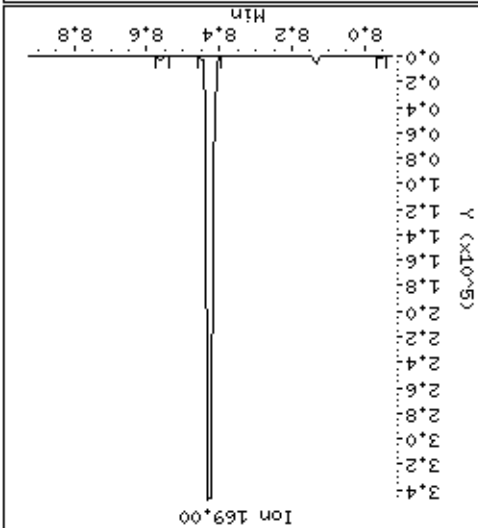
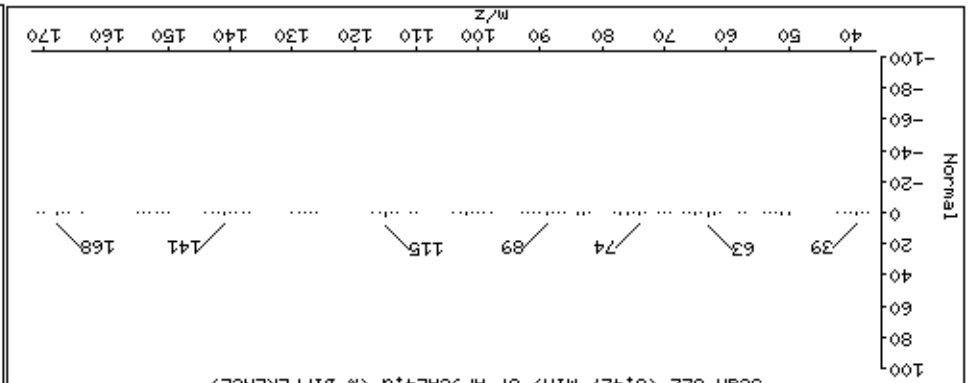
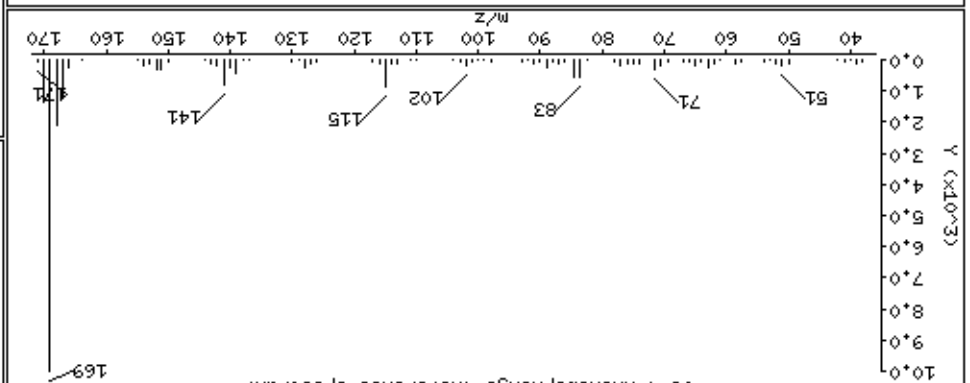
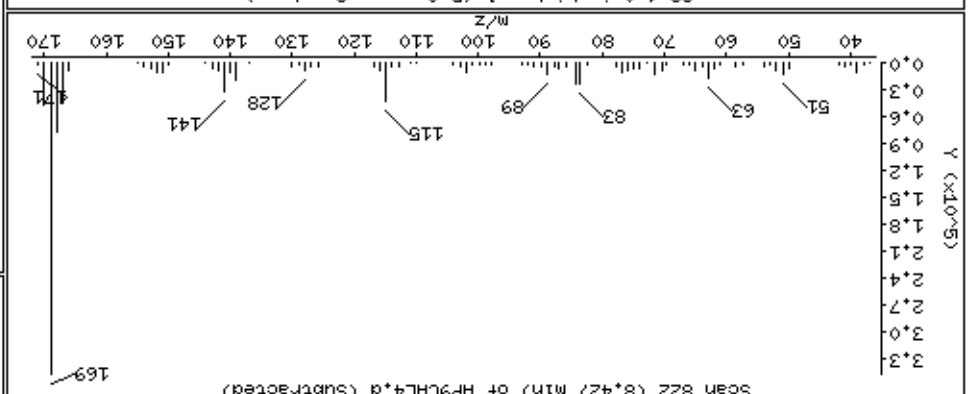
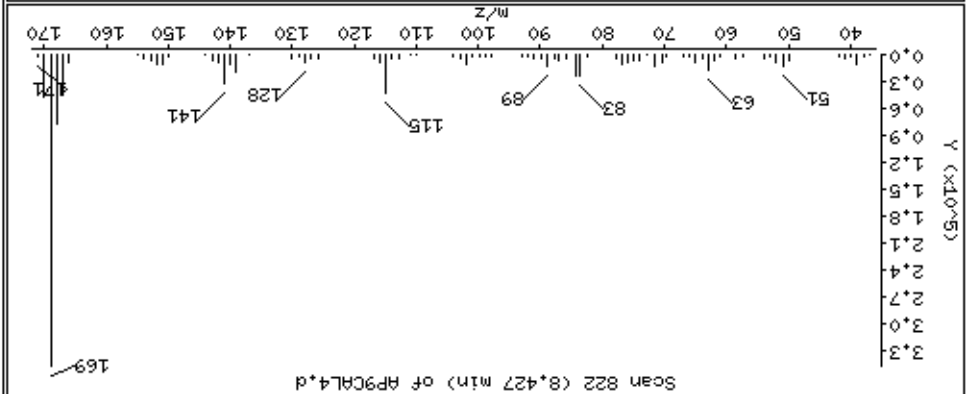
Client ID: AP9CAL4

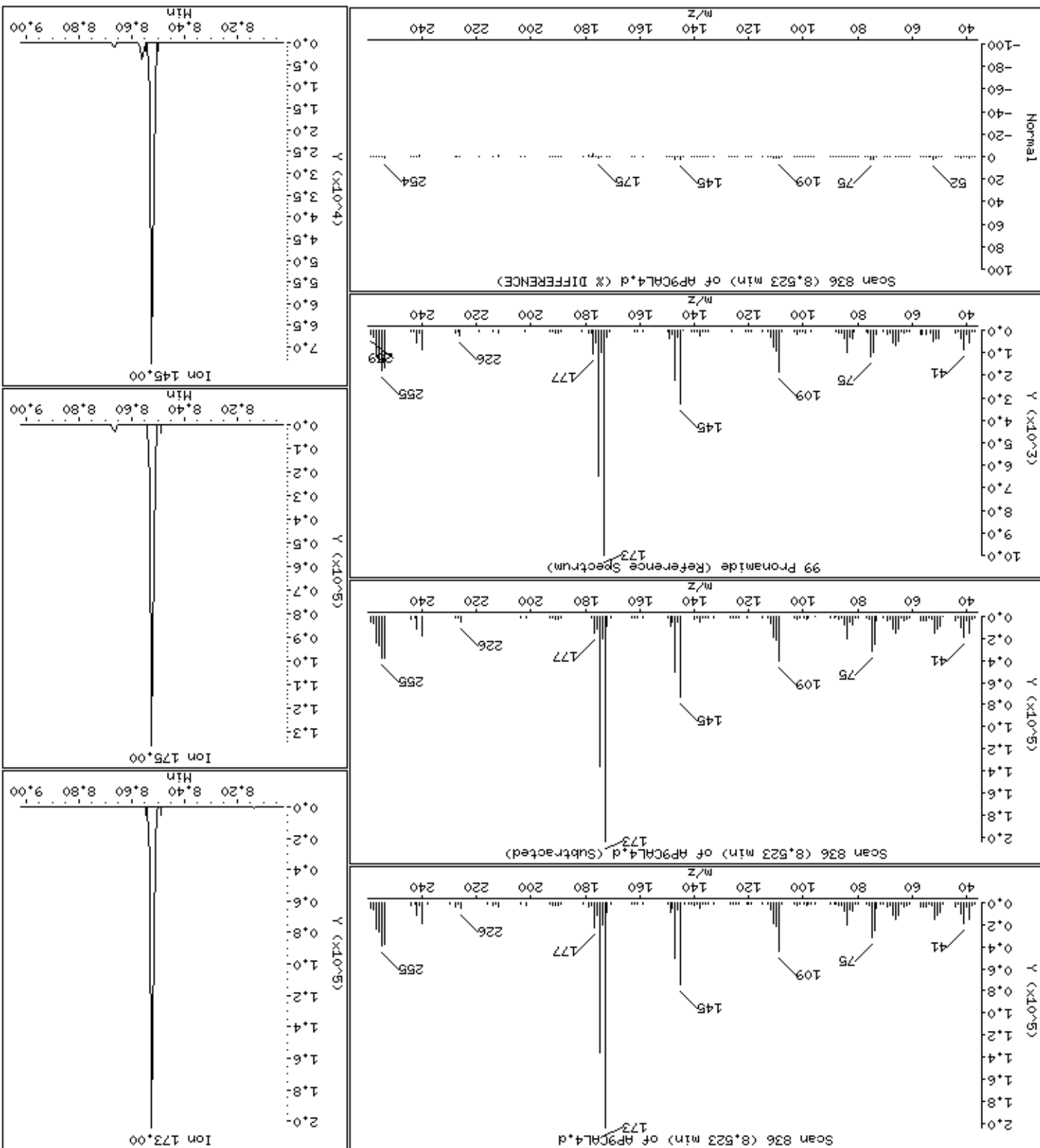
Sample Info: 47936

Operator: MJ

Column diameter: 0.25

Concentration: 45.8 ug/kg





Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

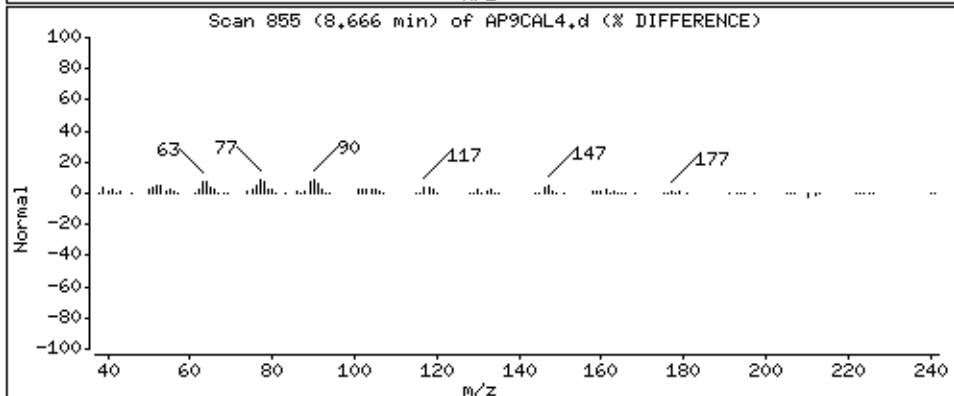
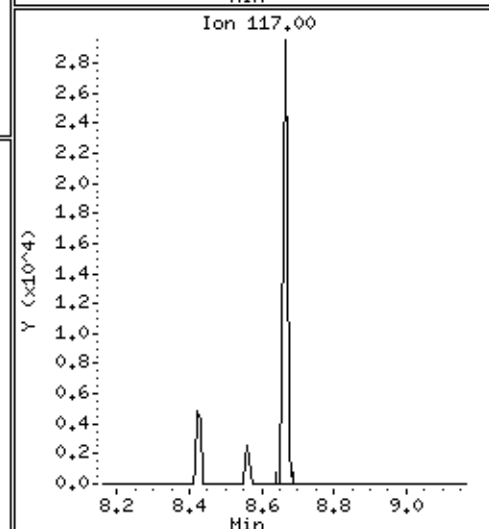
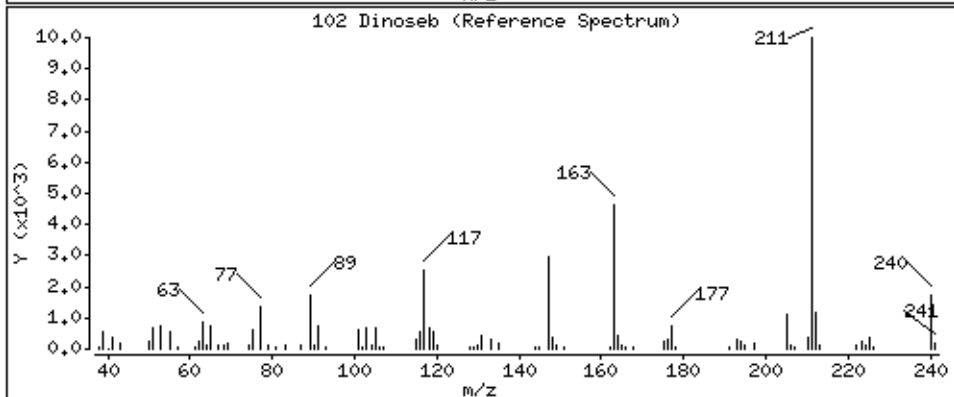
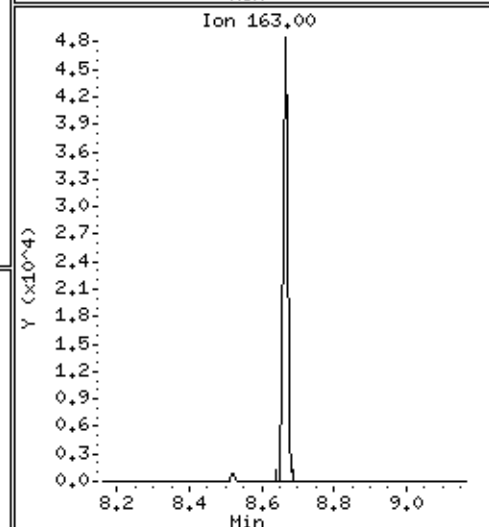
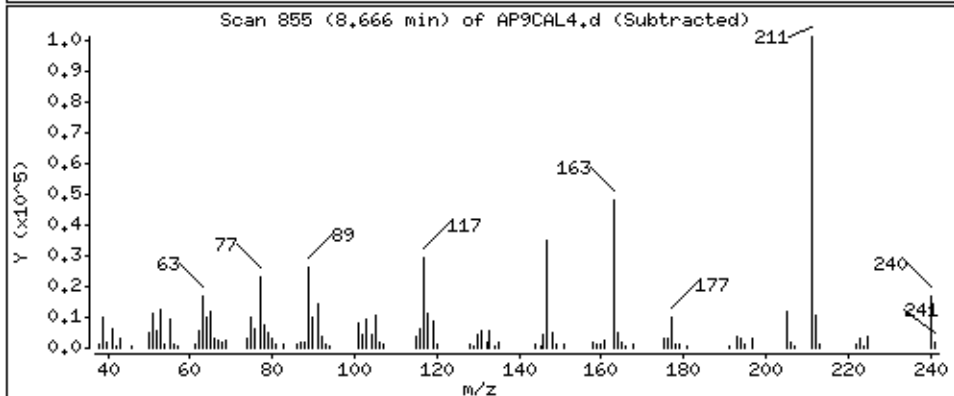
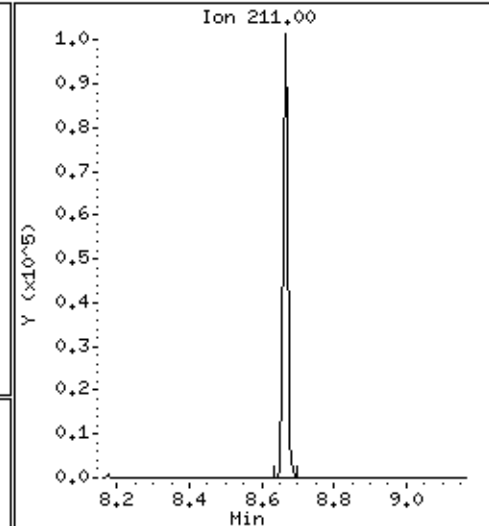
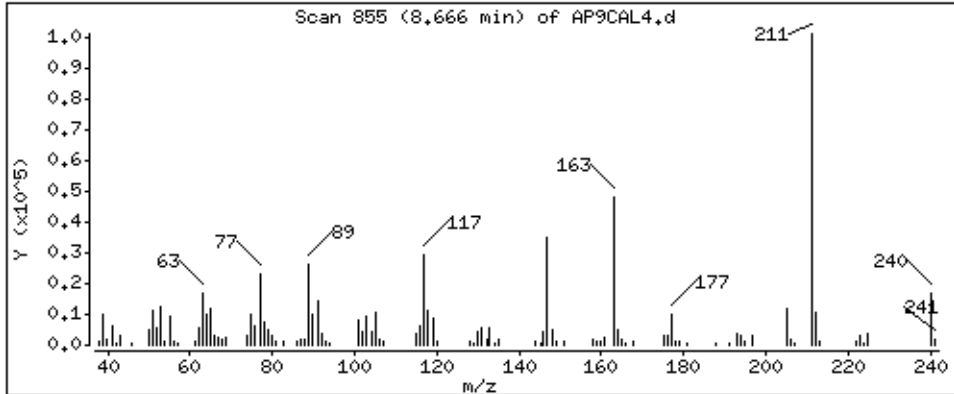
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

102 Dinoseb

Concentration: 43,3 ug/kg



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

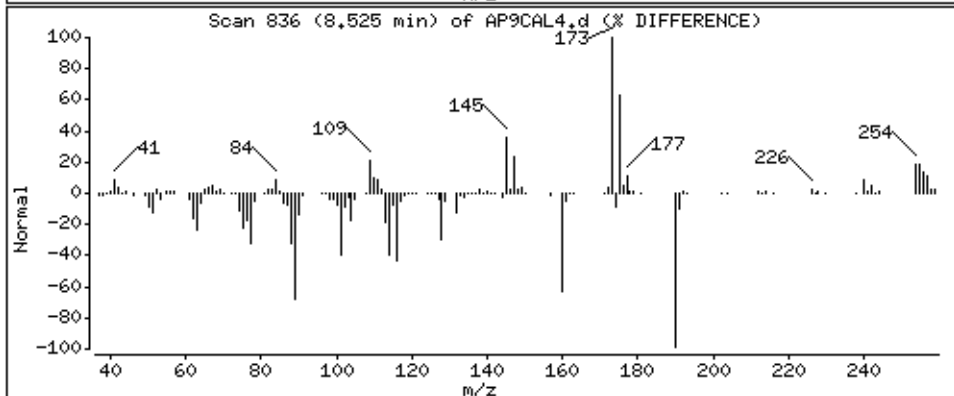
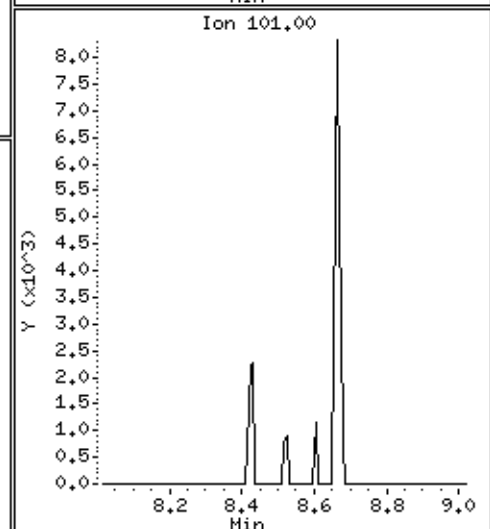
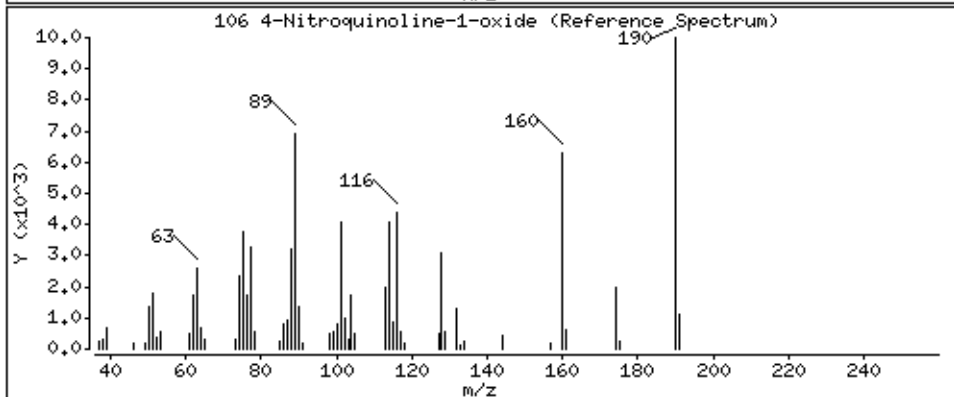
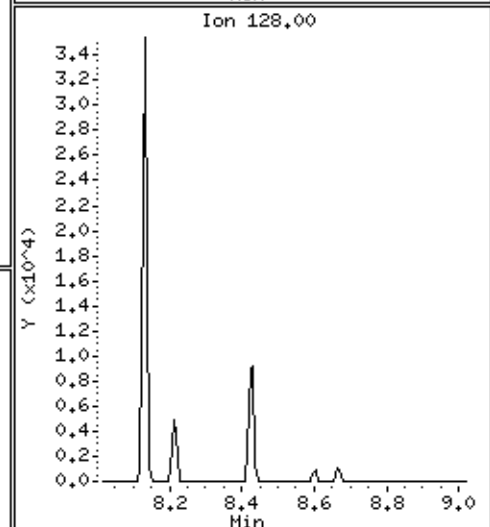
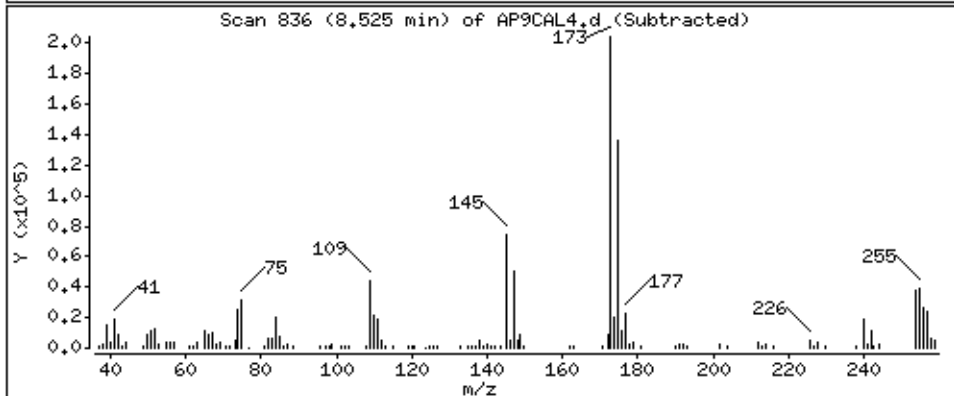
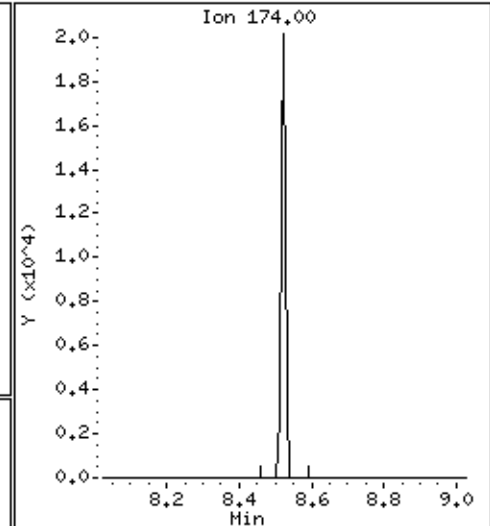
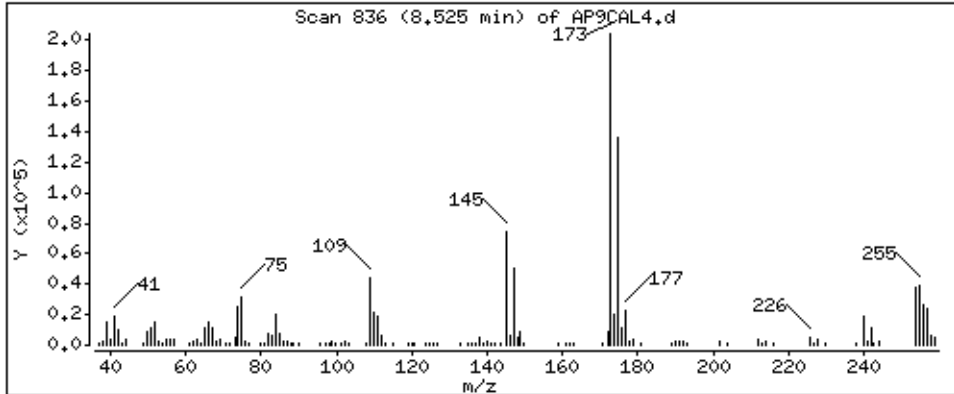
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

106 4-Nitroquinoline-1-oxide

Concentration: 47.4 ug/kg



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

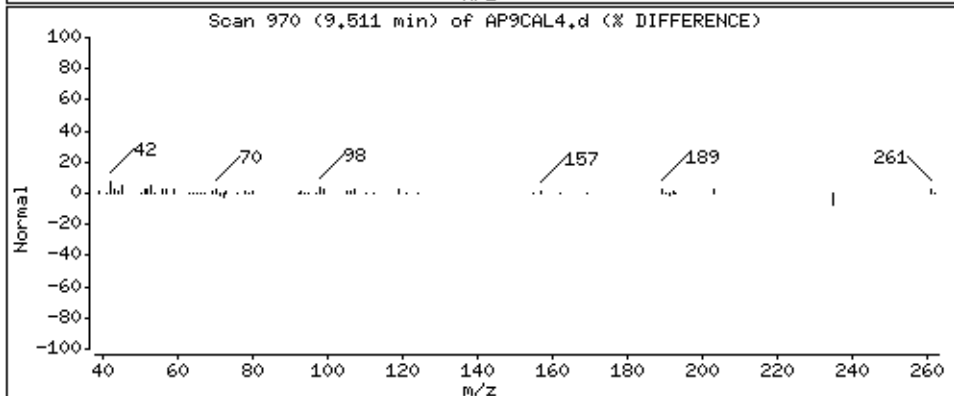
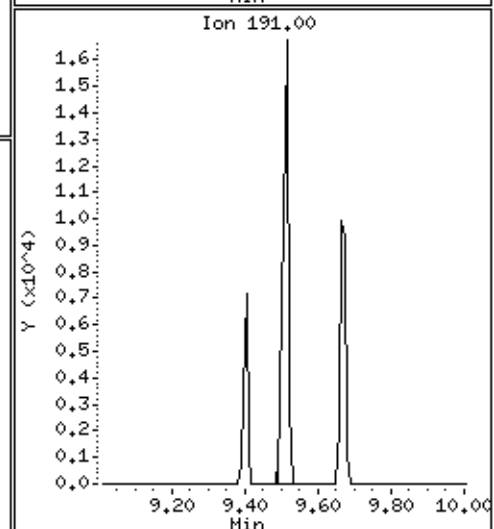
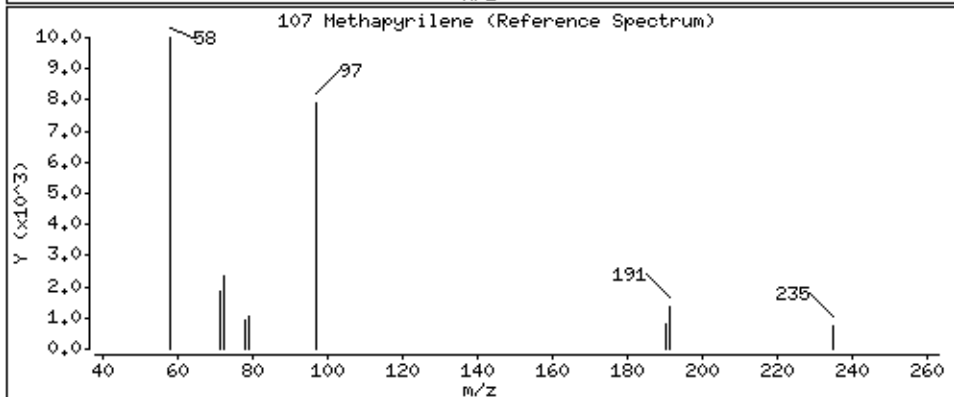
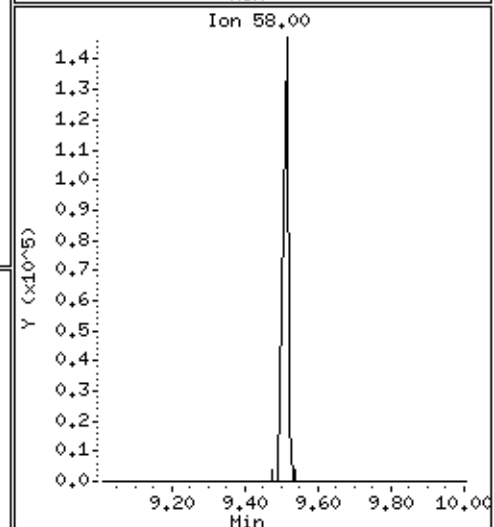
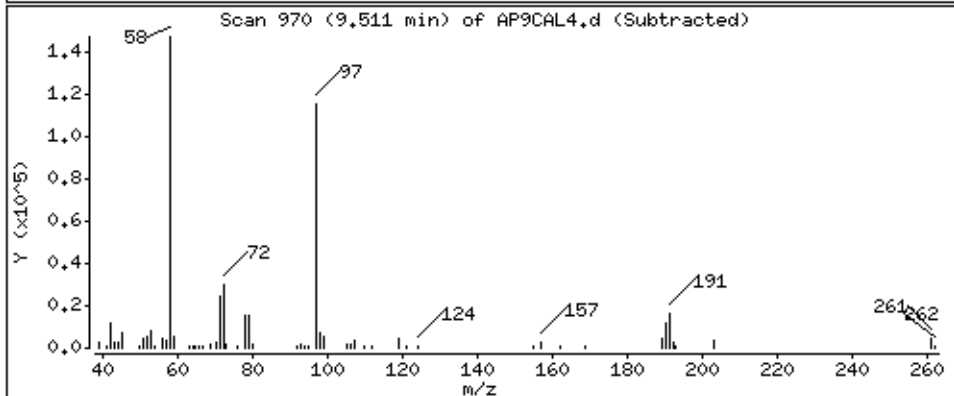
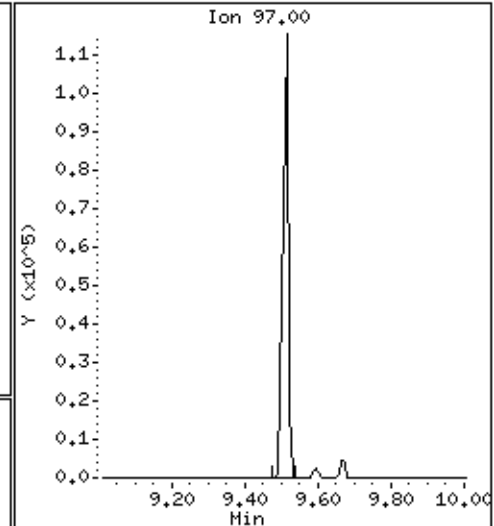
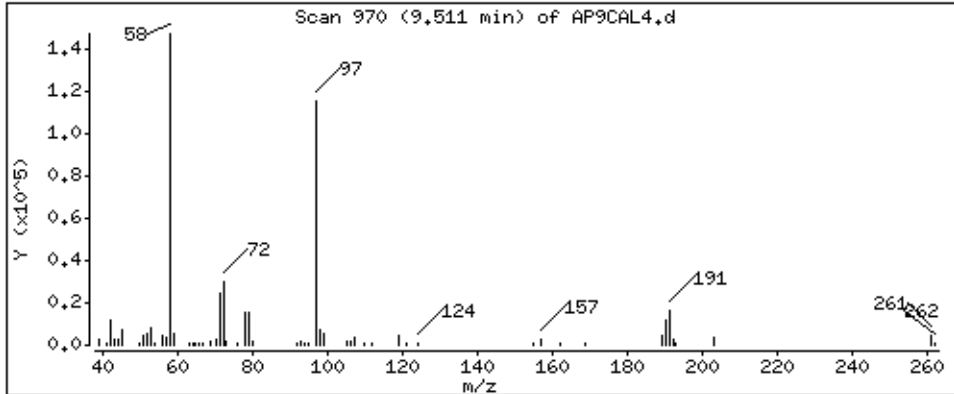
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

107 Methapyrilene

Concentration: 40,7 ug/kg



Date: 15-NOV-2012 10:28

Client ID: AP9CAL4

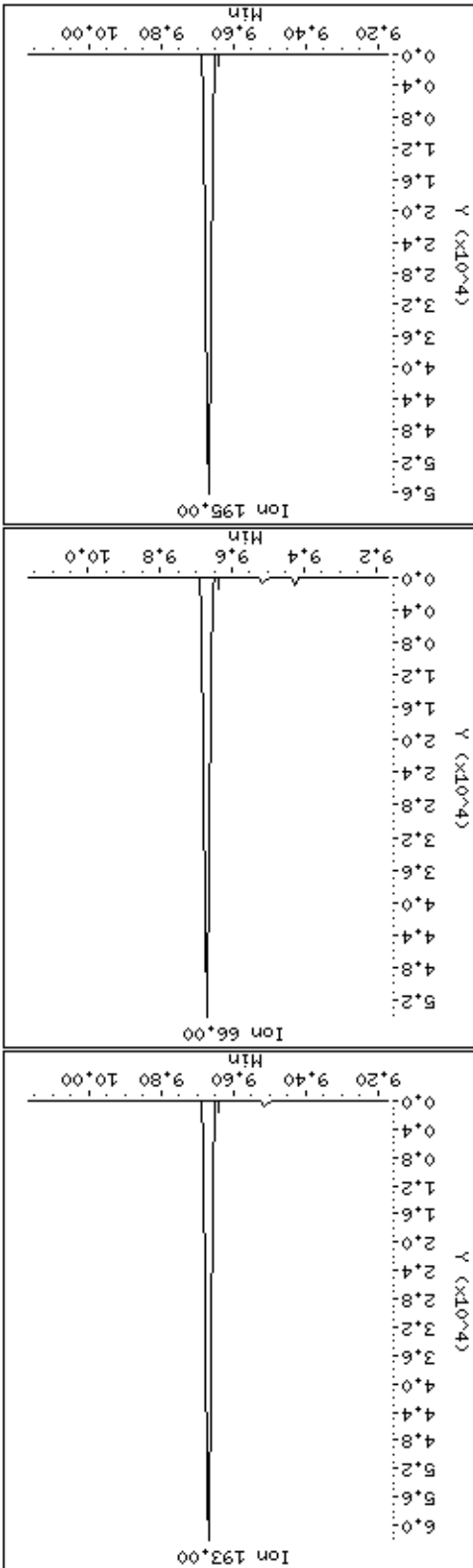
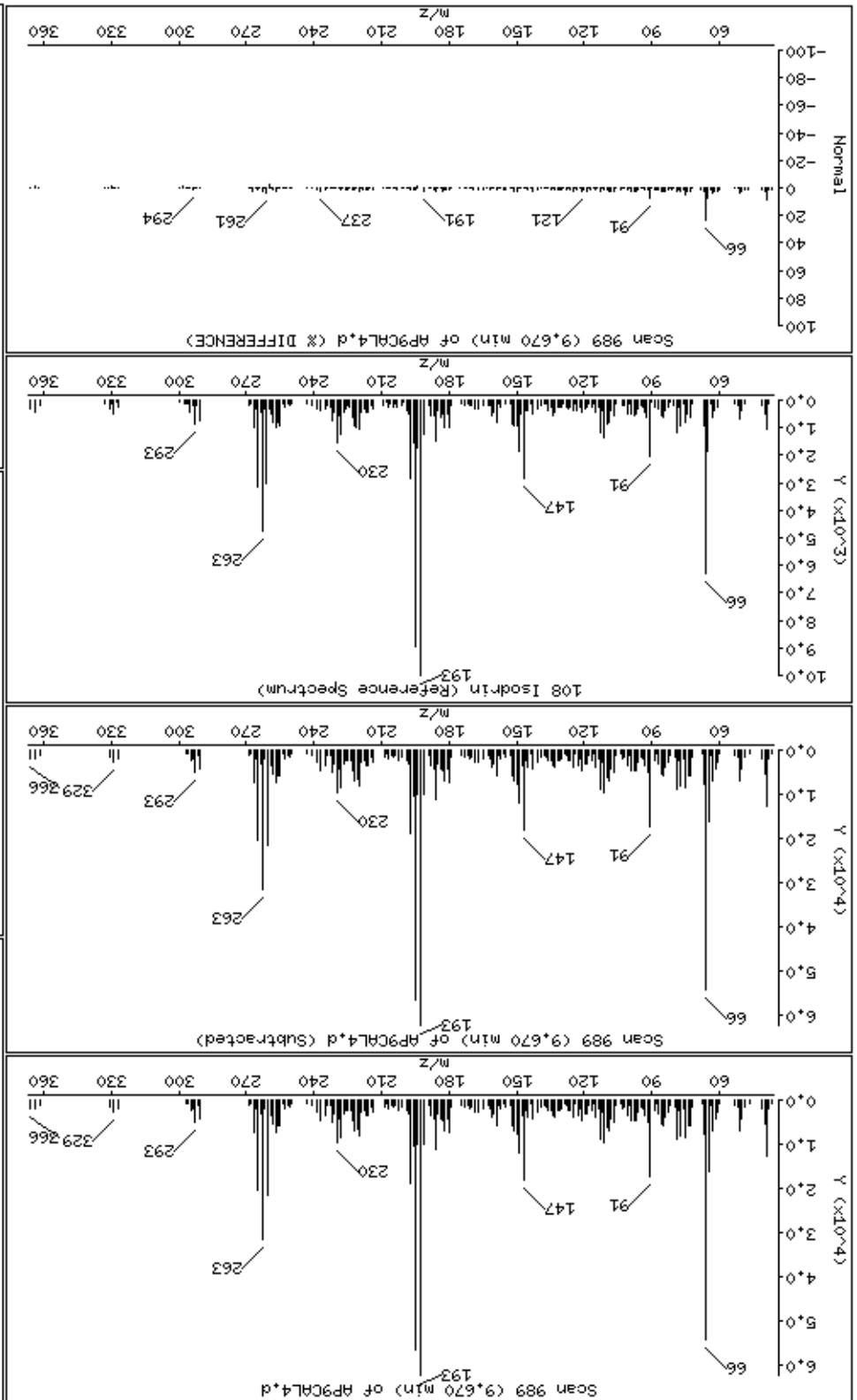
Sample Info: 47936

Operator: MJ

Column diameter: 0.25

Concentration: 45.3 ug/kg

108 Isodrin





Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

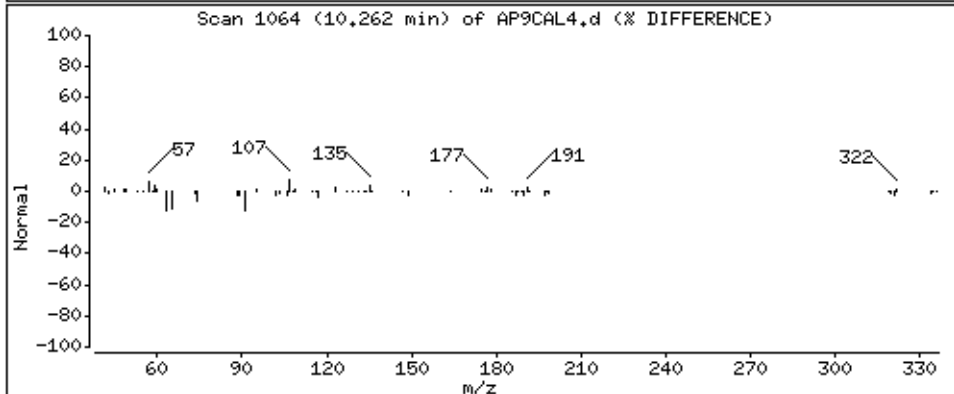
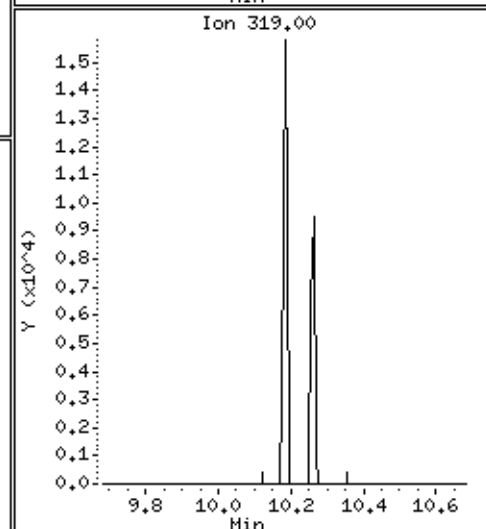
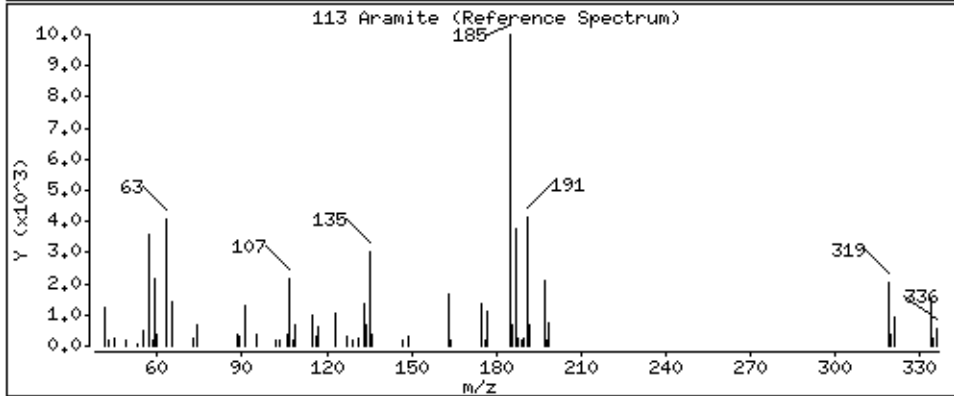
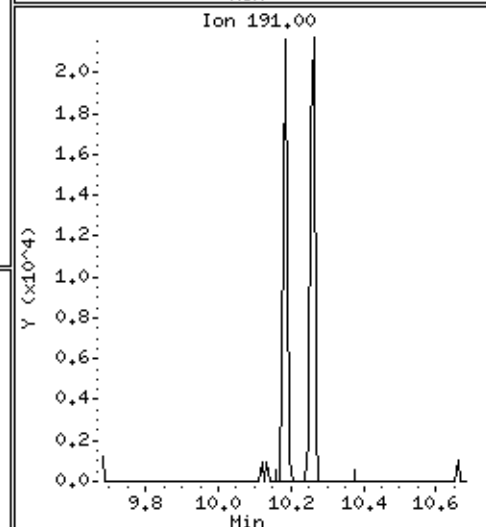
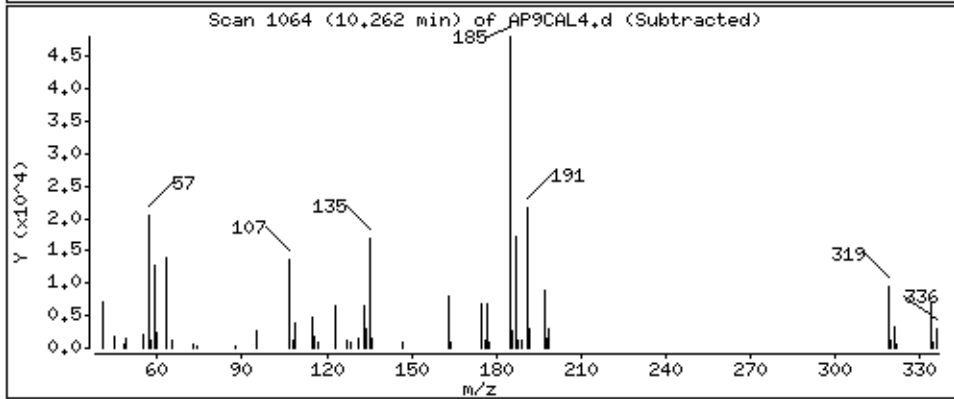
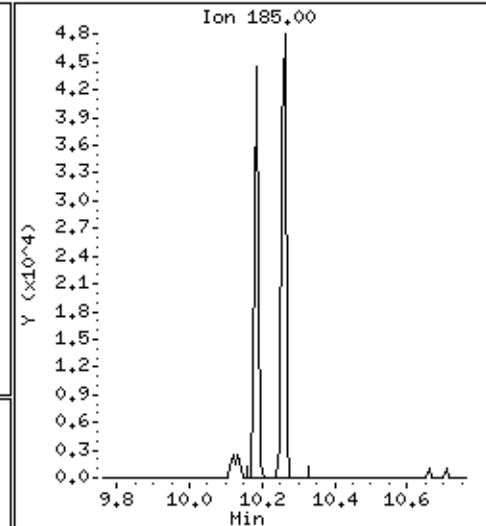
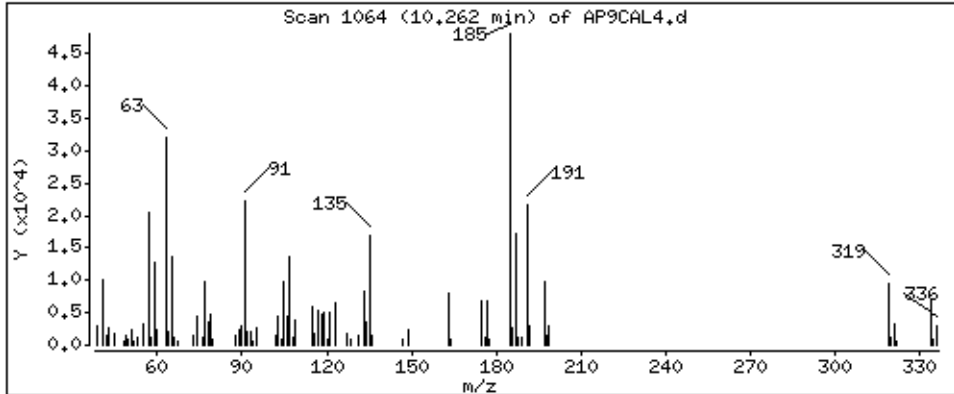
Operator: MJ

Column phase: HPMS-5

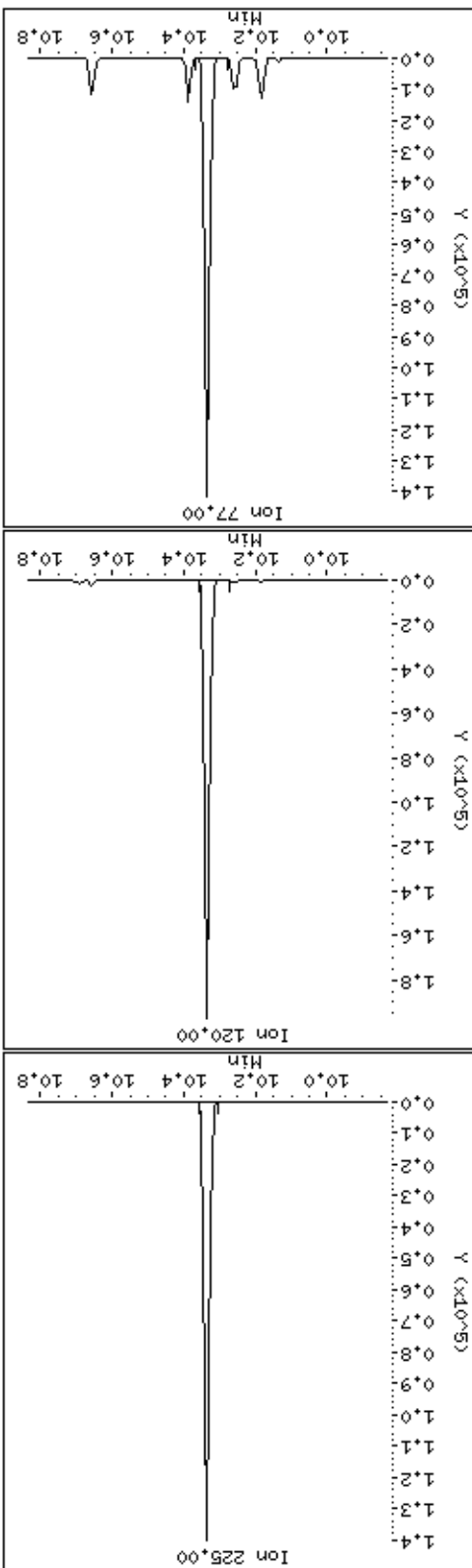
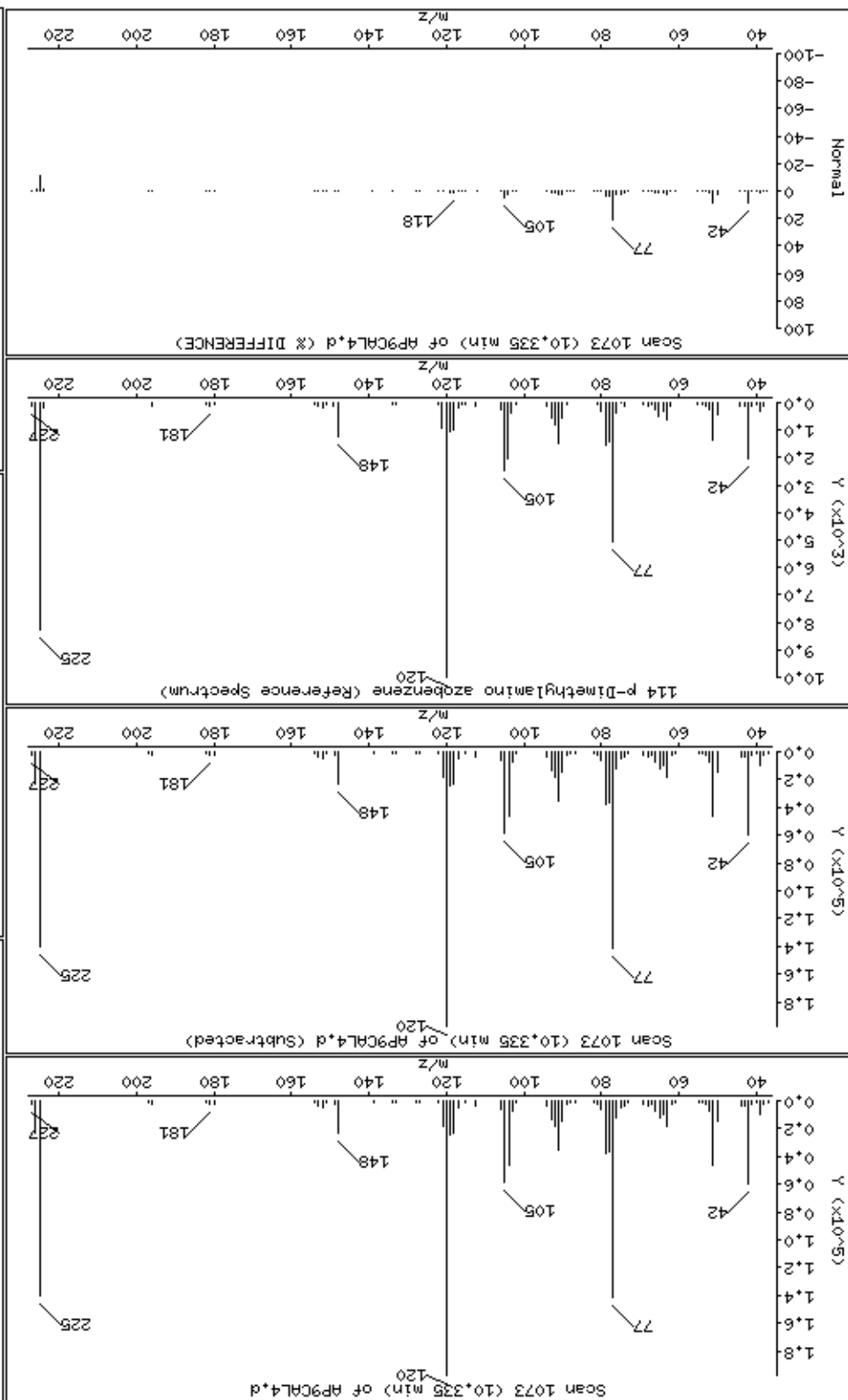
Column diameter: 0,25

113 Aramite

Concentration: 47,2 ug/kg



114-p-Dimethylamino azobenzene



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

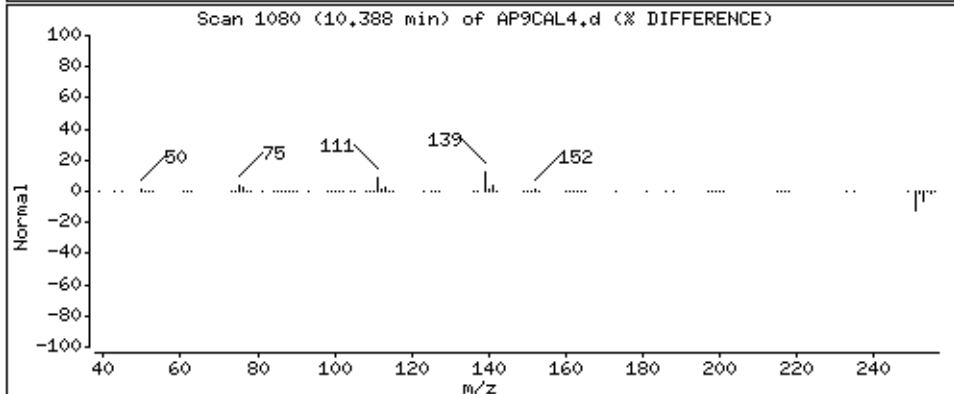
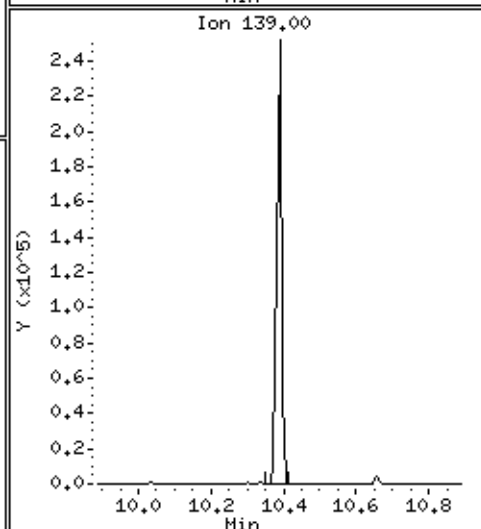
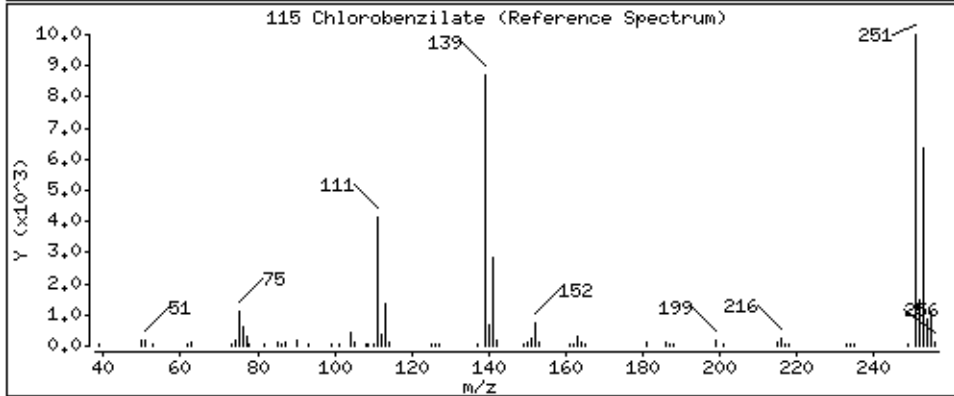
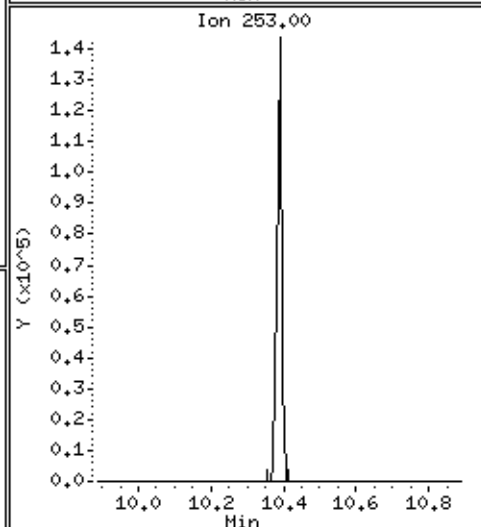
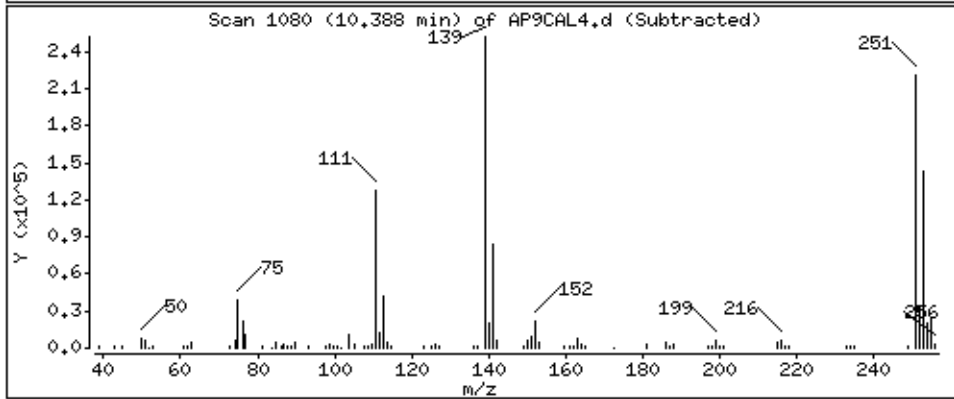
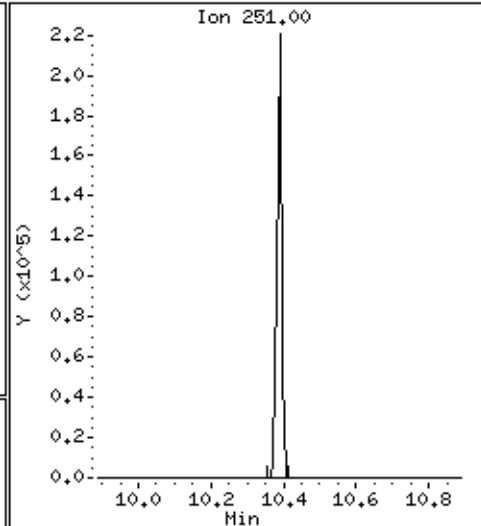
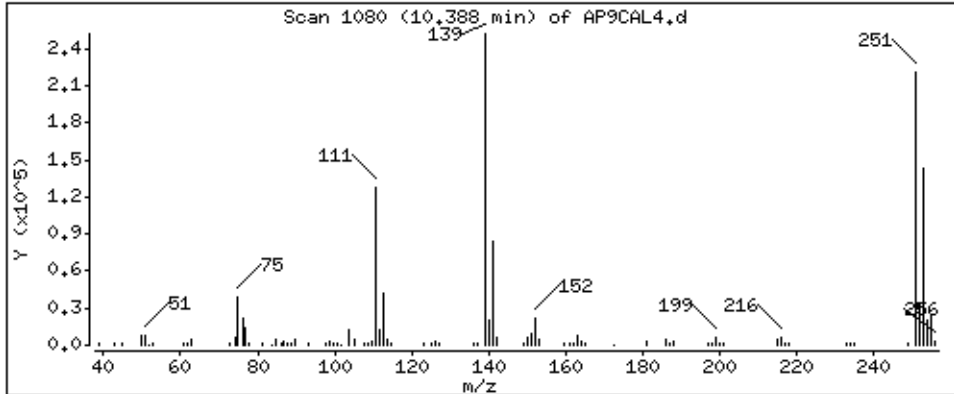
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

115 Chlorobenzilate

Concentration: 45,8 ug/kg



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

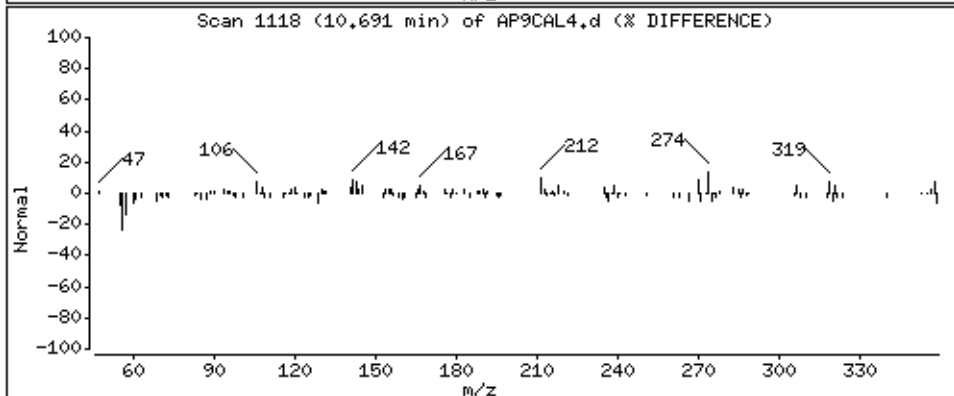
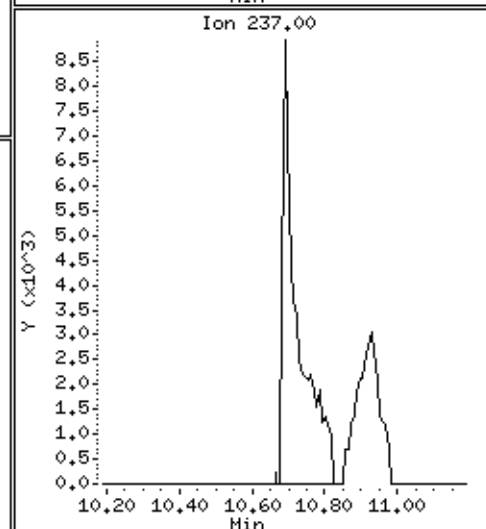
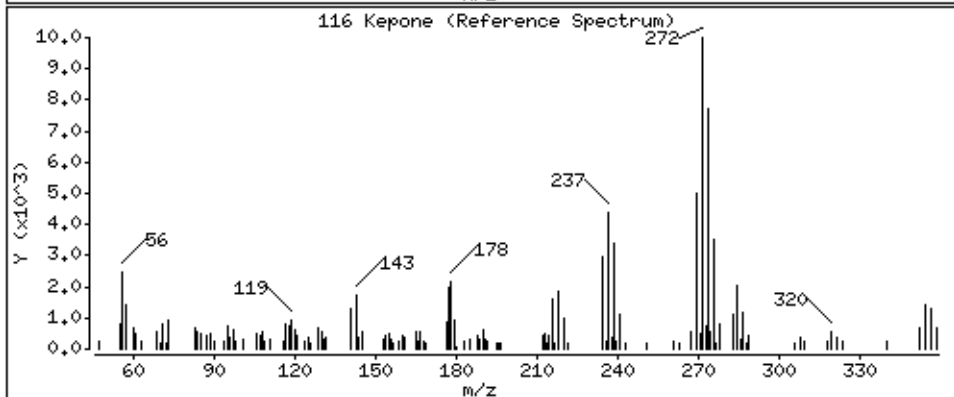
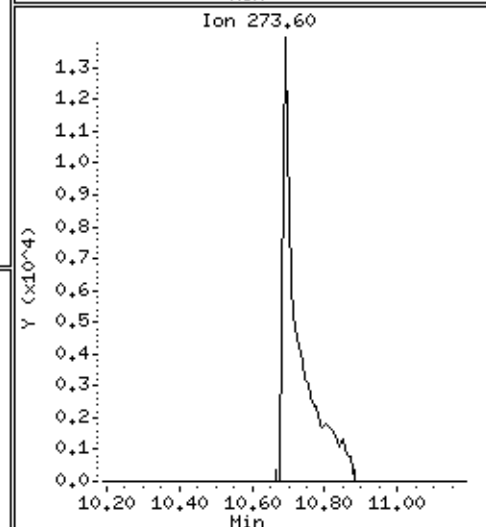
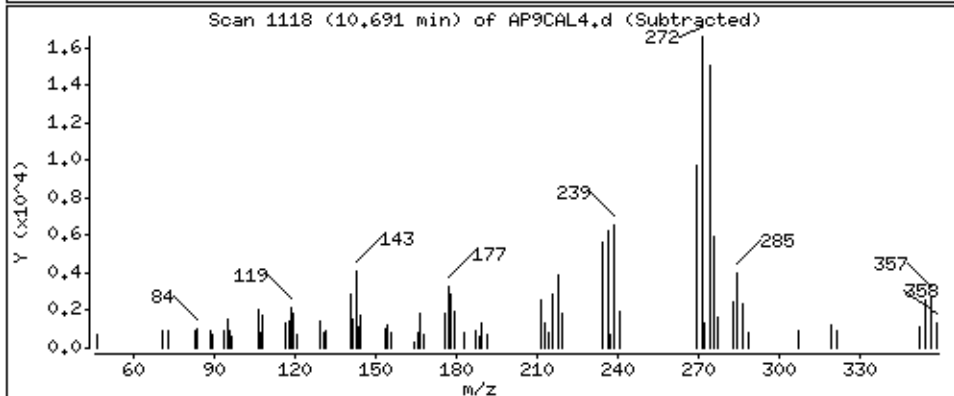
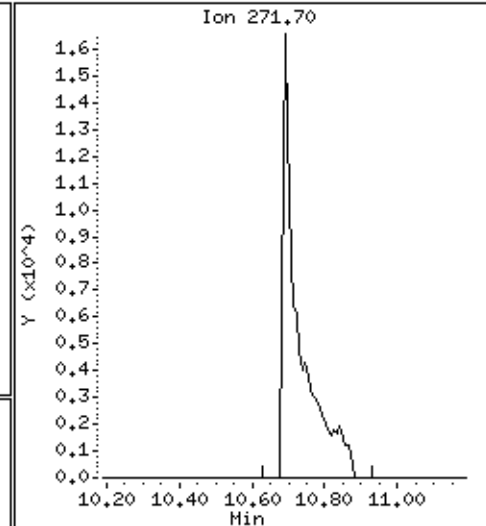
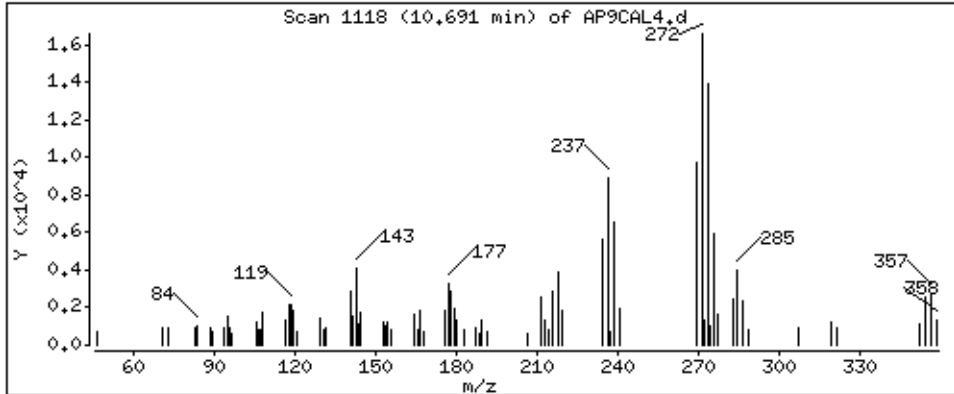
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

116 Kepone

Concentration: 43,9 ug/kg



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

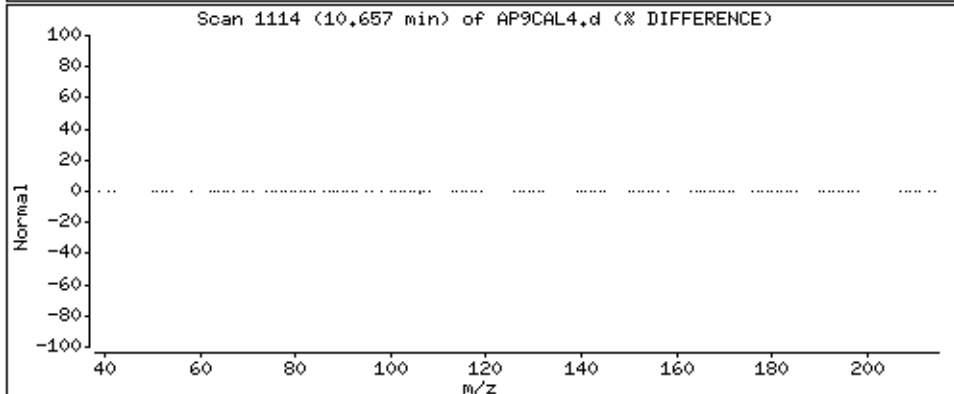
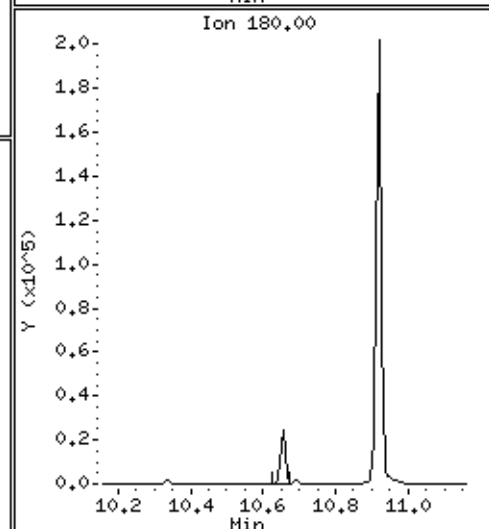
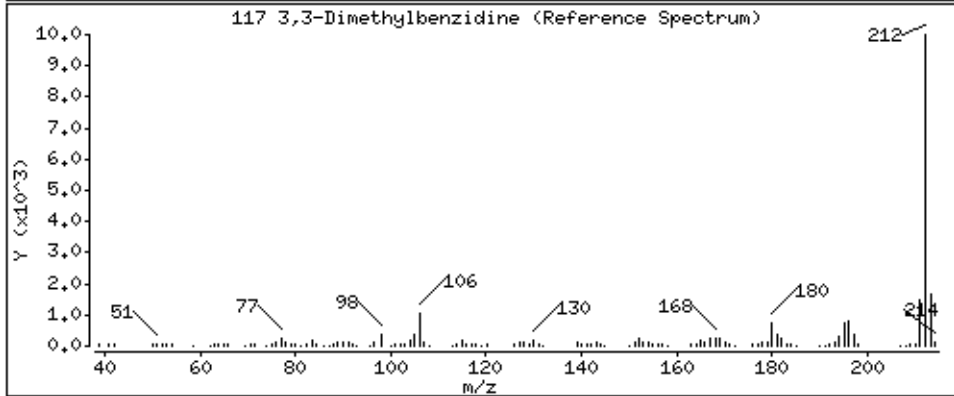
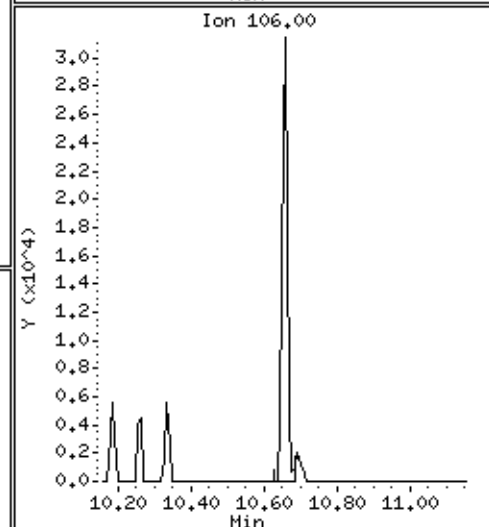
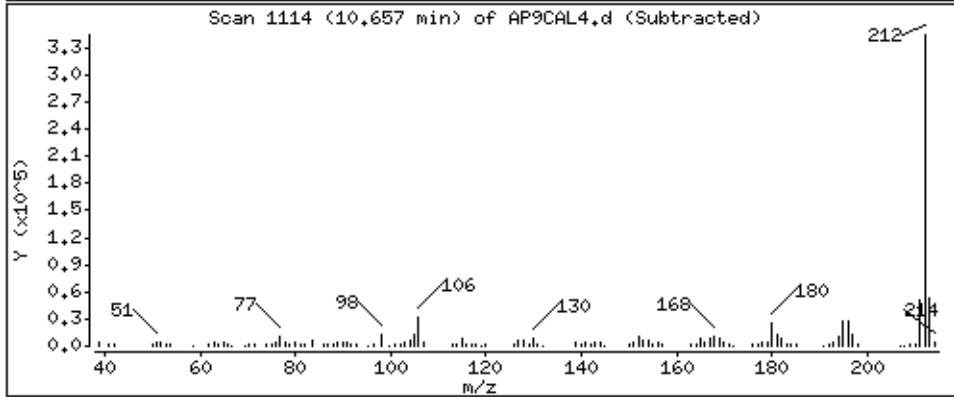
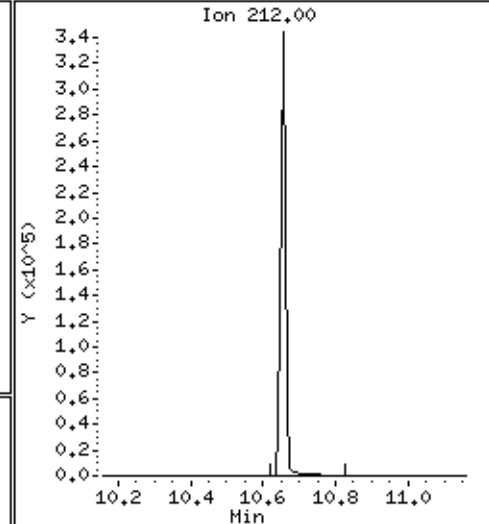
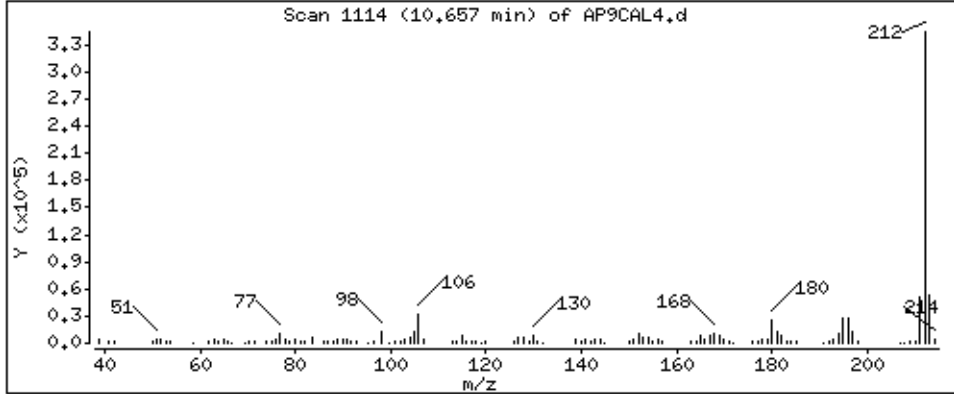
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

117 3,3-Dimethylbenzidine

Concentration: 46.4 ug/kg



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

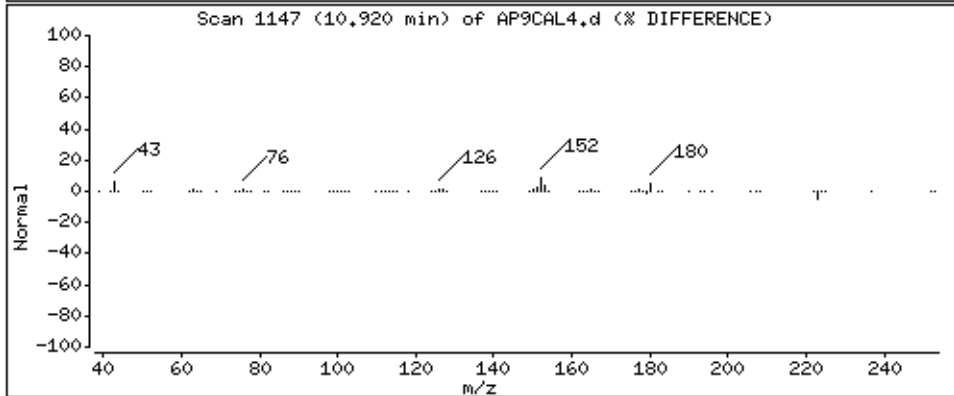
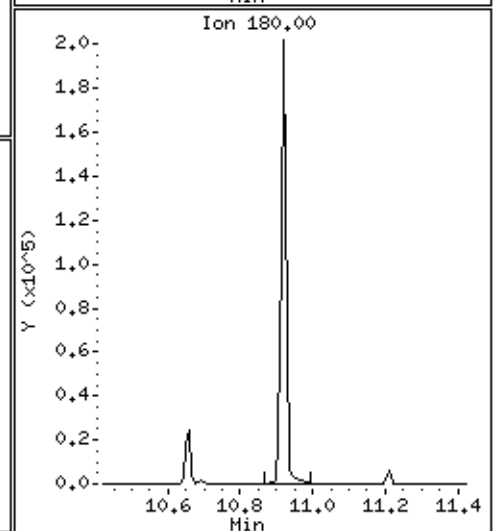
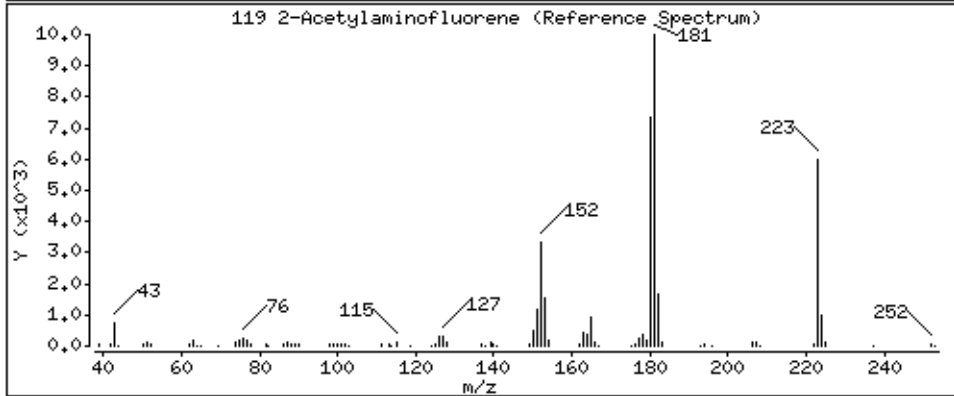
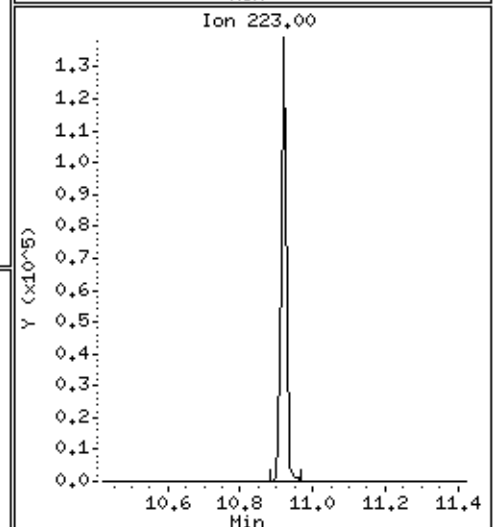
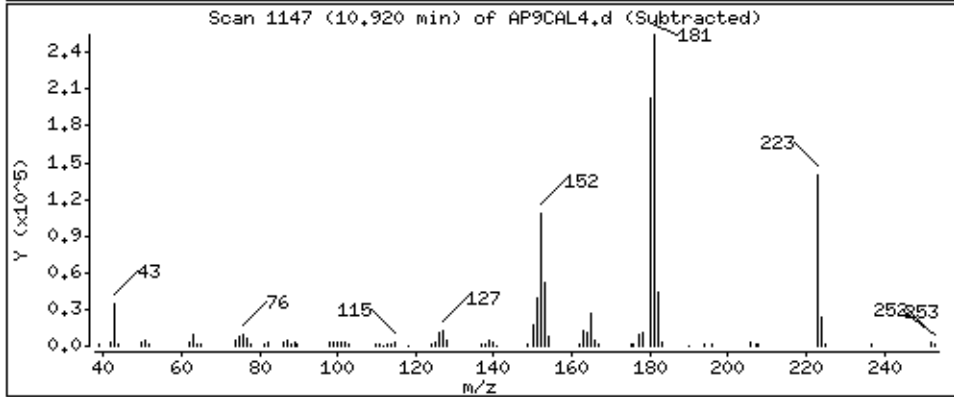
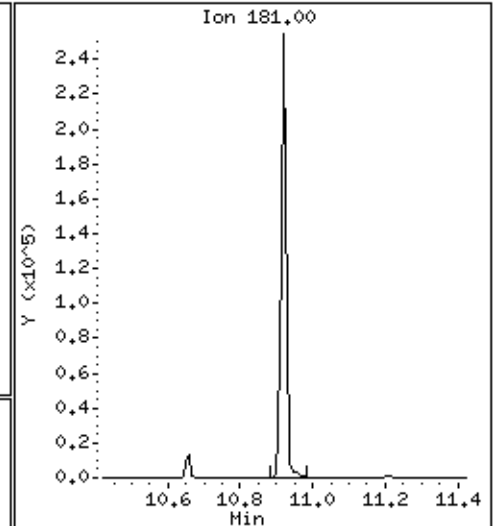
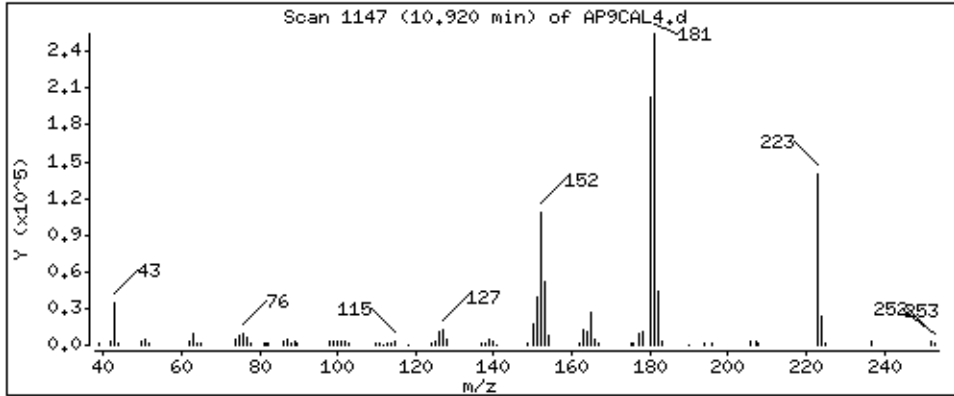
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

119 2-Acetylaminofluorene

Concentration: 42,8 ug/kg



Date : 15-NOV-2012 10:28

Client ID: AP9CAL4

Instrument: smsd04.i

Sample Info: 47936

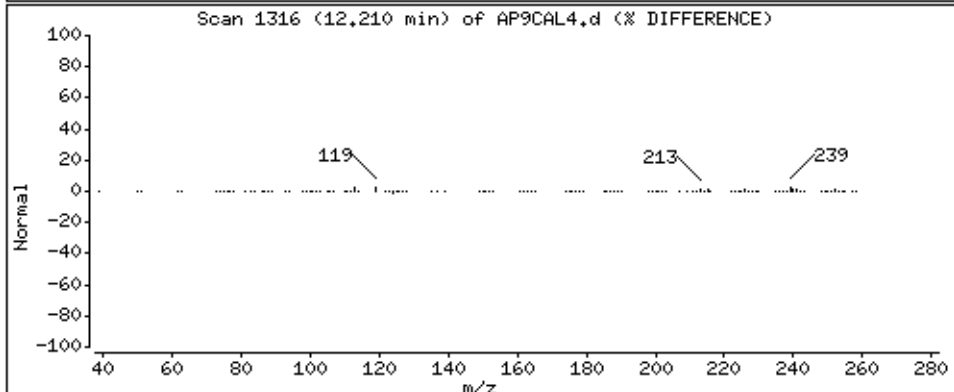
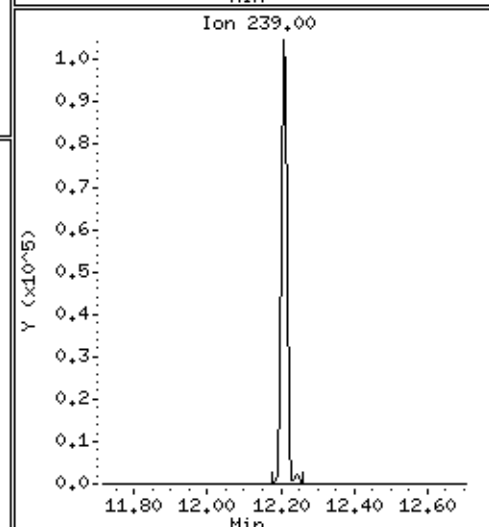
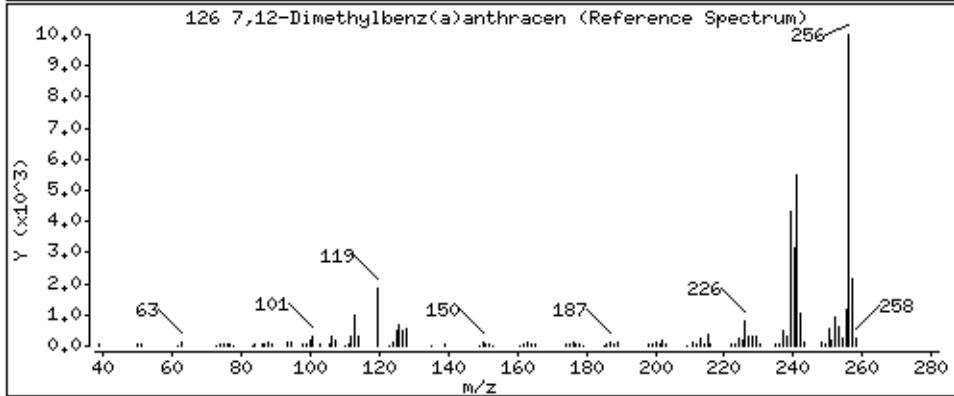
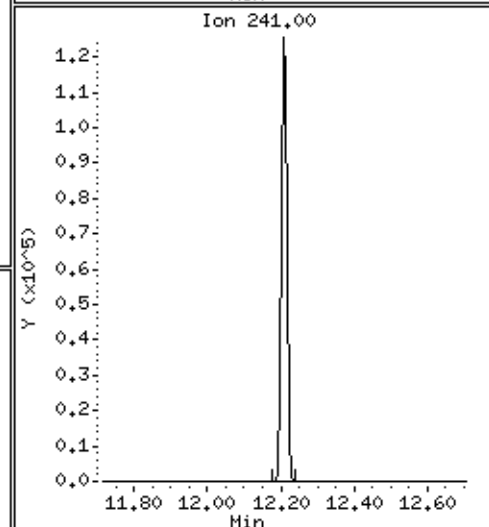
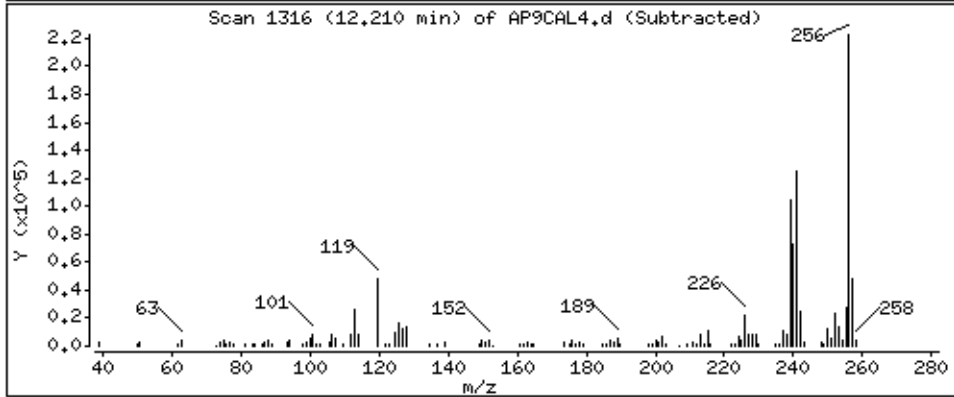
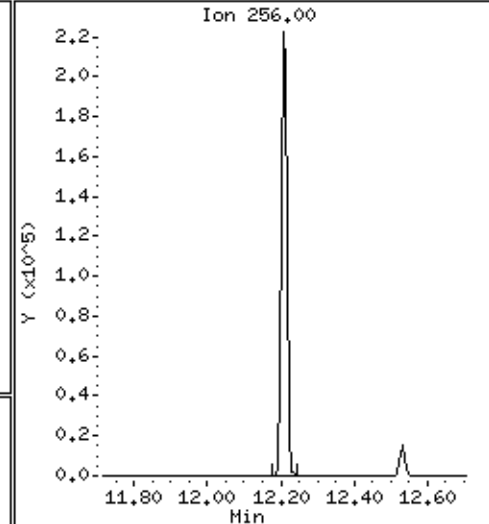
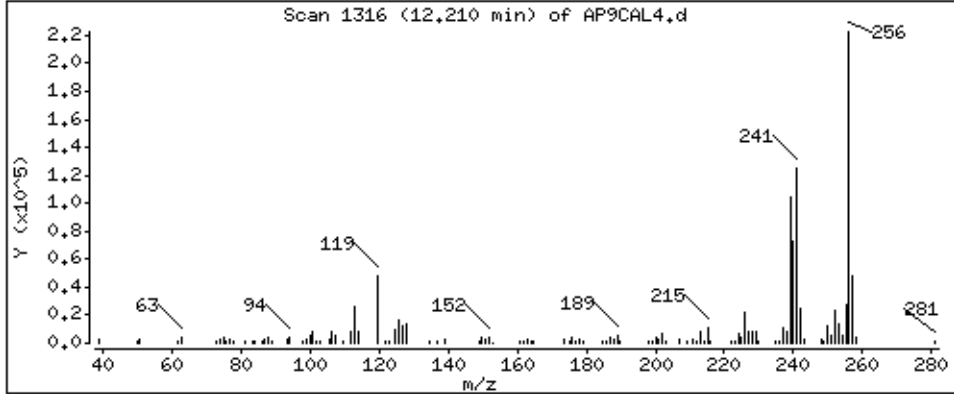
Operator: MJ

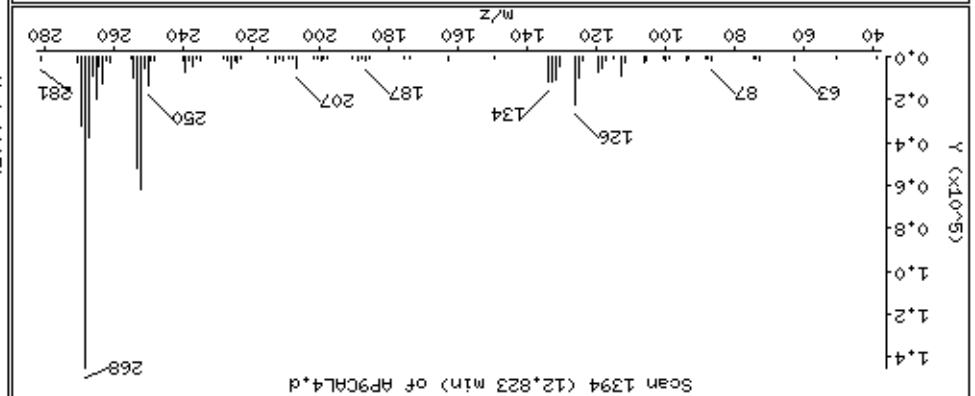
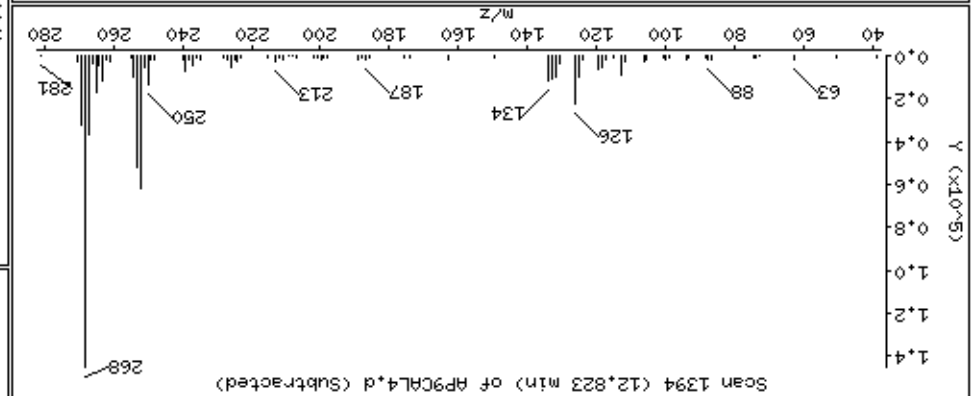
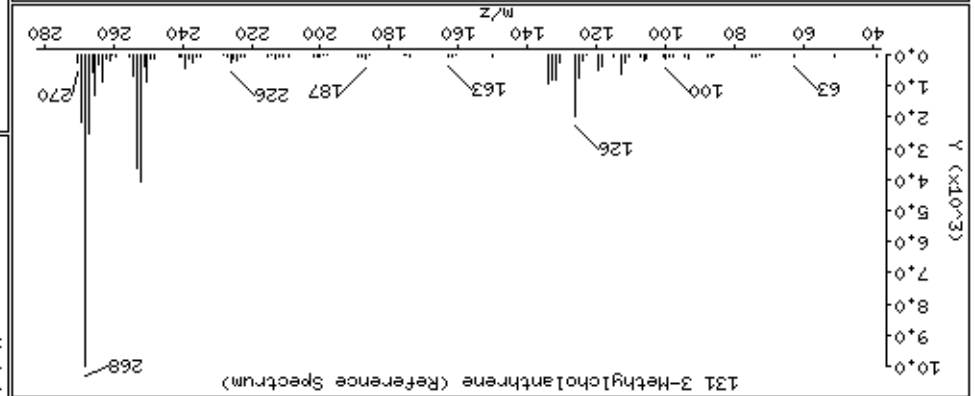
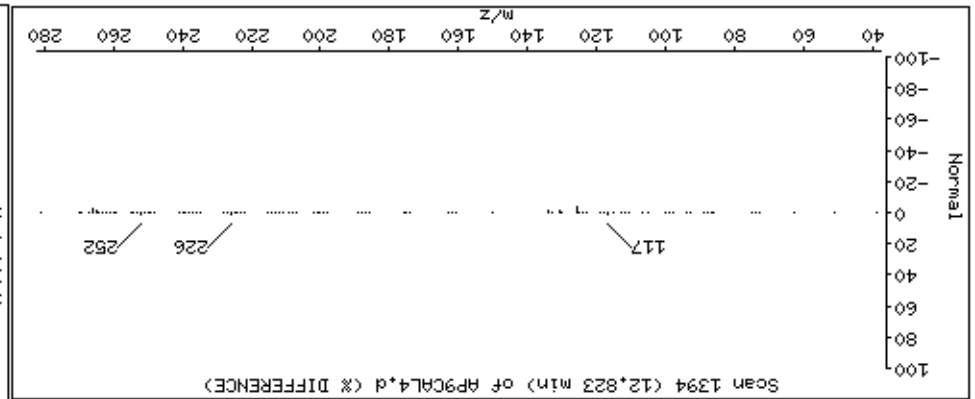
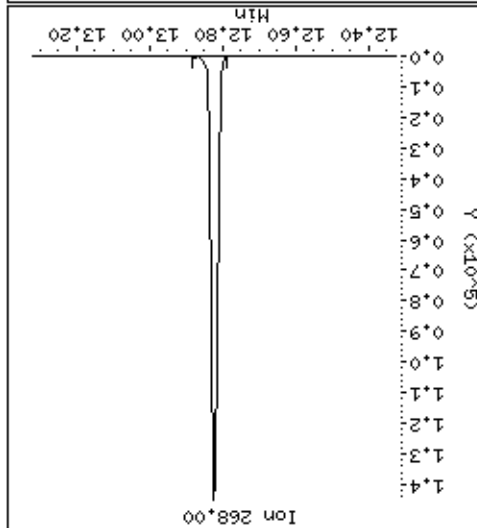
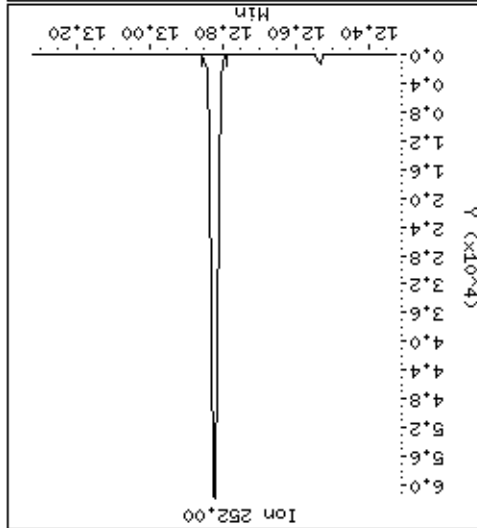
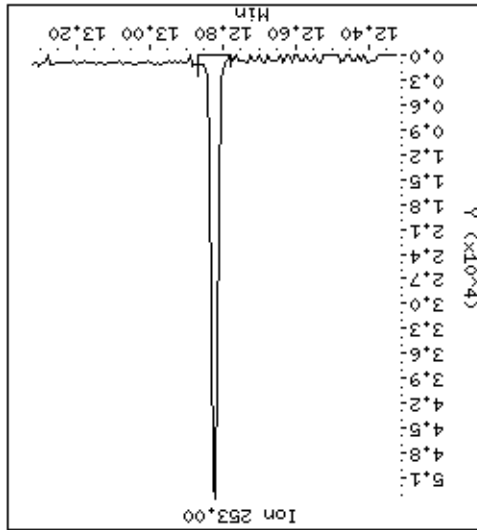
Column phase: HPMS-5

Column diameter: 0,25

126 7,12-Dimethylbenz(a)anthracen

Concentration: 45,4 ug/kg





Concentration: 46.4 ug/kg

Column diameter: 0.25

Operator: MJ

Instrument: smsd04.i

131 3-Methylcholanthrene

Column phase: HPMS-5

Sample Info: 47936

Client ID: AP9CAL4

Date: 15-NOV-2012 10:28

Data File: \\Svevod04\DD\chem\smsd04\15411145cal1b\AP9CAL4.d



Date: 15-NOV-2012 10:28

Client ID: AP9CAL4

Sample Info: 47936

Operator: MJ

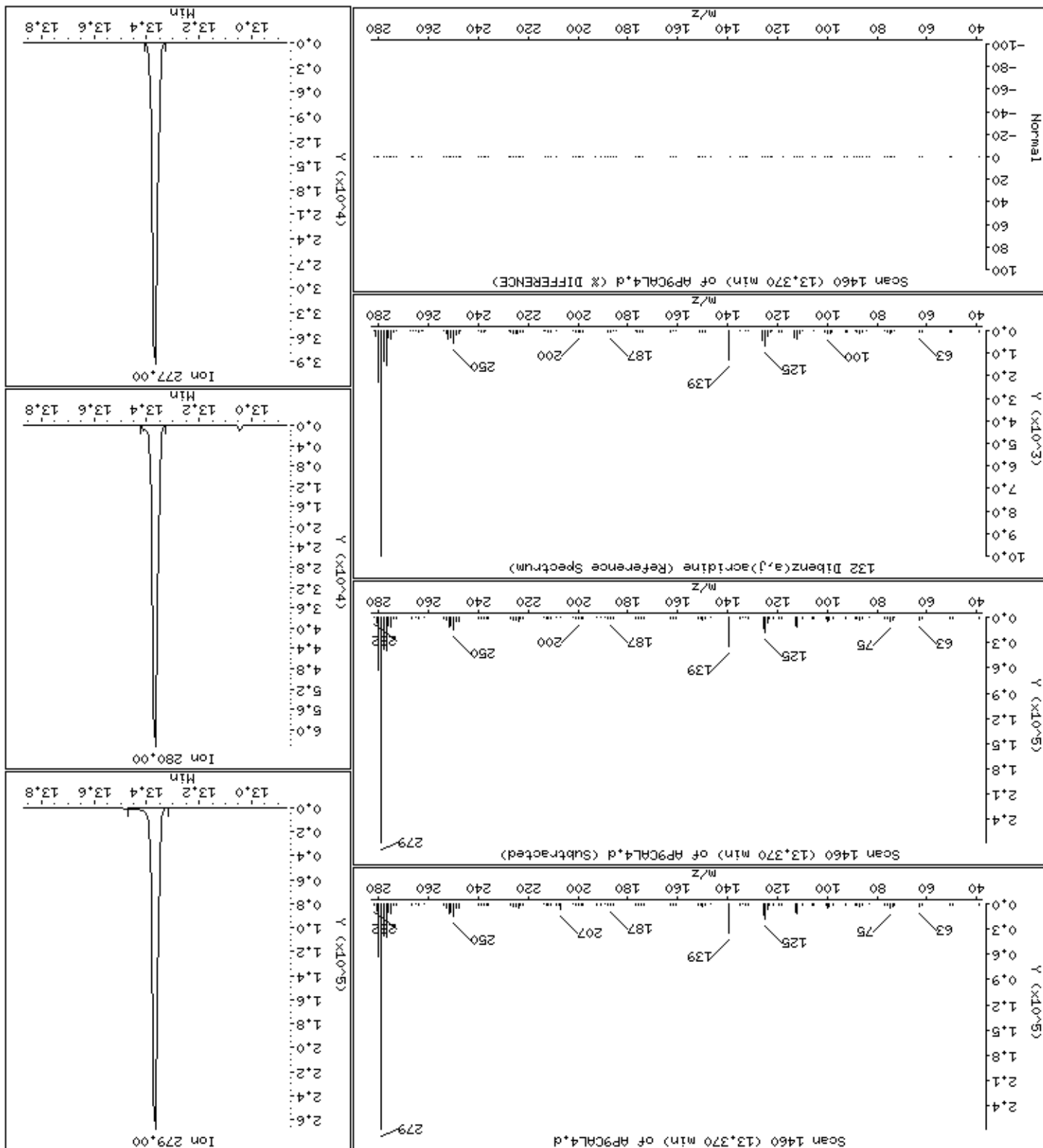
Column diameter: 0.25

Concentration: 46.4 ug/kg

Instrument: smsd04.1

132 Dibenzo(a,j)acridine

Column phase: HPMS-5



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\AP9CAL3.d  
 Lab Smp Id: 47937 Client Smp ID: AP9CAL3  
 Inj Date : 15-NOV-2012 10:49 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47937  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 10:49 Cal File: AP9CAL3.d  
 Als bottle: 45 Calibration Sample, Level: 3  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: ap9cal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
3 2- Picoline CAS #: 109-06-8									
2.789	2.786 ( 0.649)	93	77712	20.0000	20.1	80.00- 120.00	100.00		
2.789	2.785 ( 0.649)	66	38668			18.85- 78.85	49.76		
2.789	2.786 ( 0.649)	92	18754			0.00- 55.79	24.13		
4 N-Nitrosomethylethylamine CAS #: 10595-95-6									
2.894	2.892 ( 0.674)	88	33194	20.0000	20.0	80.00- 120.00	100.00		
2.892	2.893 ( 0.673)	43	23119			40.05- 100.05	69.65		
2.892	2.892 ( 0.673)	42	37859			84.22- 144.22	114.05		
5 Methyl Methanesulfonate CAS #: 66-27-3									
3.139	3.139 ( 0.731)	80	45988	20.0000	20.3	80.00- 120.00	100.00		
3.138	3.139 ( 0.731)	79	29738			37.37- 97.37	64.66		
3.138	3.139 ( 0.731)	65	12520			0.00- 58.04	27.22		
7 N-Nitrosodiethylamine CAS #: 55-18-5									
3.445	3.445 ( 0.802)	102	31588	20.0000	19.1	80.00- 120.00	100.00		
3.445	3.444 ( 0.802)	42	28553			59.82- 119.82	90.39		
3.445	3.444 ( 0.802)	57	16597			22.61- 82.61	52.54		
8 Ethyl Methanesulfonate CAS #: 62-50-0									
3.690	3.691 ( 0.859)	79	54393	20.0000	19.6	80.00- 120.00	100.00		

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
8 Ethyl Methanesulfonate (continued)									
3.690	3.691	( 0.859)	109	29486			26.91-	86.91	54.21
3.690	3.691	( 0.859)	97	10166			0.00-	49.95	18.69
-----									
12 Pentachloroethane CAS #: 76-01-7									
4.048	4.048	( 0.942)	167	29203	20.0000	19.3	80.00-	120.00	100.00(M)
4.048	4.048	( 0.942)	117	26207			54.61-	114.61	89.74
4.048	4.048	( 0.942)	130	11731			8.16-	68.16	40.17
-----									
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.295	4.294	( 1.000)	152	99422	40.0000		80.00-	120.00	100.00
4.295	4.294	( 1.000)	115	63617			34.81-	94.81	63.99
4.295	4.294	( 1.000)	150	157969			126.51-	186.51	158.89
-----									
24 N-Nitrosopyrrolidine CAS #: 930-55-2									
4.667	4.671	( 1.087)	100	33791	20.0000	19.0	80.00-	120.00	100.00
4.667	4.670	( 1.087)	41	33384			67.29-	127.29	98.80
4.668	4.671	( 1.087)	42	29834			56.85-	116.85	88.29
-----									
25 Acetophenone CAS #: 98-86-2									
4.673	4.675	( 0.855)	105	95146	20.0000	19.3	80.00-	120.00	100.00
4.673	4.675	( 0.855)	77	88104			60.51-	120.51	92.60
4.673	4.674	( 0.855)	51	30123			1.60-	61.60	31.66
-----									
27 N-Nitrosomorpholine CAS #: 59-89-2									
4.681	4.684	( 1.090)	56	43127	20.0000	19.1	80.00-	120.00	100.00
4.681	4.685	( 1.090)	116	13258			2.11-	62.11	30.74
4.681	4.684	( 1.090)	86	21111			18.75-	78.75	48.95
-----									
29 o-Toluidine CAS #: 95-53-4									
4.713	4.715	( 1.097)	106	101637	20.0000	42.0	80.00-	120.00	100.00(H)
4.713	4.715	( 1.097)	77	22875			0.00-	51.90	22.51
4.713	4.715	( 1.097)	107	77171			44.38-	104.38	75.93
-----									
33 N-Nitrosopiperidine CAS #: 100-75-4									
4.965	4.967	( 0.909)	114	28974	20.0000	19.1	80.00-	120.00	100.00
4.965	4.967	( 0.909)	42	44615			123.47-	183.47	153.98
4.965	4.967	( 0.909)	55	23344			53.49-	113.49	80.57
-----									
37 o,o,o-Triethylphosphorothioate CAS #: 126-68-1									
5.262	5.263	( 1.225)	198	35444	20.0000	18.6	80.00-	120.00	100.00
5.261	5.262	( 1.225)	97	30929			54.13-	114.13	87.26
5.261	5.262	( 1.225)	65	25974			38.00-	98.00	73.28
-----									
39 a,a-Dimethylphenethylamine CAS #: 122-09-8									
5.330	5.375	( 0.976)	58	159588	20.0000	20.0	80.00-	120.00	100.00
5.331	5.375	( 0.976)	91	25905			0.00-	50.20	16.23
5.329	5.376	( 0.976)	65	13096			0.00-	36.52	8.21
-----									
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.463	5.463	( 1.000)	136	327993	40.0000		80.00-	120.00	100.00
5.463	5.463	( 1.000)	68	24968			0.00-	37.51	7.61
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
====	=====	=====	====	=====	=====	=====	=====	=====	
46 2,6-Dichlorophenol					CAS #: 87-65-0				
5.558	5.559	( 1.017)	162	51689	20.0000	19.3	80.00- 120.00	100.00	
5.557	5.558	( 1.017)	63	37211			41.54- 101.54	71.99	
5.557	5.559	( 1.017)	98	14706			0.00- 57.68	28.45	
-----									
47 Hexachloropropene					CAS #: 1888-71-7				
5.597	5.597	( 1.025)	213	51393	20.0000	20.0	80.00- 120.00	100.00	
5.597	5.597	( 1.025)	215	32460			34.38- 94.38	63.16	
5.597	5.597	( 1.025)	117	13015			0.00- 55.68	25.32	
-----									
49 N-Nitrosodi-n-butylamine					CAS #: 924-16-3				
5.887	5.890	( 1.078)	84	51299	20.0000	19.4	80.00- 120.00	100.00	
5.887	5.890	( 1.078)	57	38095			42.68- 102.68	74.26	
5.887	5.889	( 1.078)	41	32317			32.37- 92.37	63.00	
-----									
52 Isosafrole					CAS #: 120-58-1				
6.066	6.066	( 1.110)	162	46967	20.0000	19.2	80.00- 120.00	100.00(M)	
6.066	6.066	( 1.110)	104	34222			42.25- 102.25	72.86	
6.066	6.066	( 1.110)	131	23265			19.87- 79.87	49.53	
-----									
56 1,2,4,5-Tetrachlorobenzene					CAS #: 95-94-3				
6.339	6.340	( 0.884)	216	66545	20.0000	19.5	80.00- 120.00	100.00	
6.339	6.340	( 0.884)	214	53726			49.18- 109.18	80.74	
6.338	6.339	( 0.884)	108	13342			0.00- 50.98	20.05	
-----									
60 Safrole					CAS #: 94-59-7				
6.557	6.558	( 1.200)	162	40883	20.0000	19.1	80.00- 120.00	100.00	
6.557	6.558	( 1.200)	104	25425			32.30- 92.30	62.19	
6.557	6.557	( 1.200)	77	15213			6.02- 66.02	37.21	
-----									
64 1,4-Naphthoquinone					CAS #: 130-15-4				
6.781	6.782	( 0.946)	158	43787	20.0000	20.4	80.00- 120.00	100.00	
6.781	6.782	( 0.946)	102	37940			56.55- 116.55	86.65	
6.781	6.782	( 0.946)	130	21248			19.11- 79.11	48.53	
-----									
66 1,3-Dinitrobenzene					CAS #: 99-65-0				
6.957	6.959	( 0.971)	168	21075	20.0000	19.5	80.00- 120.00	100.00	
6.957	6.958	( 0.971)	75	26574			91.84- 151.84	126.09	
6.957	6.958	( 0.971)	50	20379			68.52- 128.52	96.70	
-----									
* 70 Acenaphthene-d10					CAS #: 15067-26-2				
7.167	7.167	( 1.000)	164	206247	40.0000		80.00- 120.00	100.00	
7.167	7.168	( 1.000)	162	196330			66.12- 126.12	95.19	
7.167	7.167	( 1.000)	160	86203			13.21- 73.21	41.80	
-----									
73 Pentachlorobenzene					CAS #: 608-93-5				
7.375	7.376	( 1.029)	250	61022	20.0000	19.4	80.00- 120.00	100.00	
7.375	7.376	( 1.029)	252	38485			34.86- 94.86	63.07	
7.374	7.375	( 1.029)	108	17679			0.00- 59.93	28.97	
-----									
77 1-Naphthylamine					CAS #: 134-32-7				
7.432	7.433	( 1.037)	143	111146	20.0000	19.6	80.00- 120.00	100.00	
7.432	7.433	( 1.037)	115	60758			24.25- 84.25	54.67	

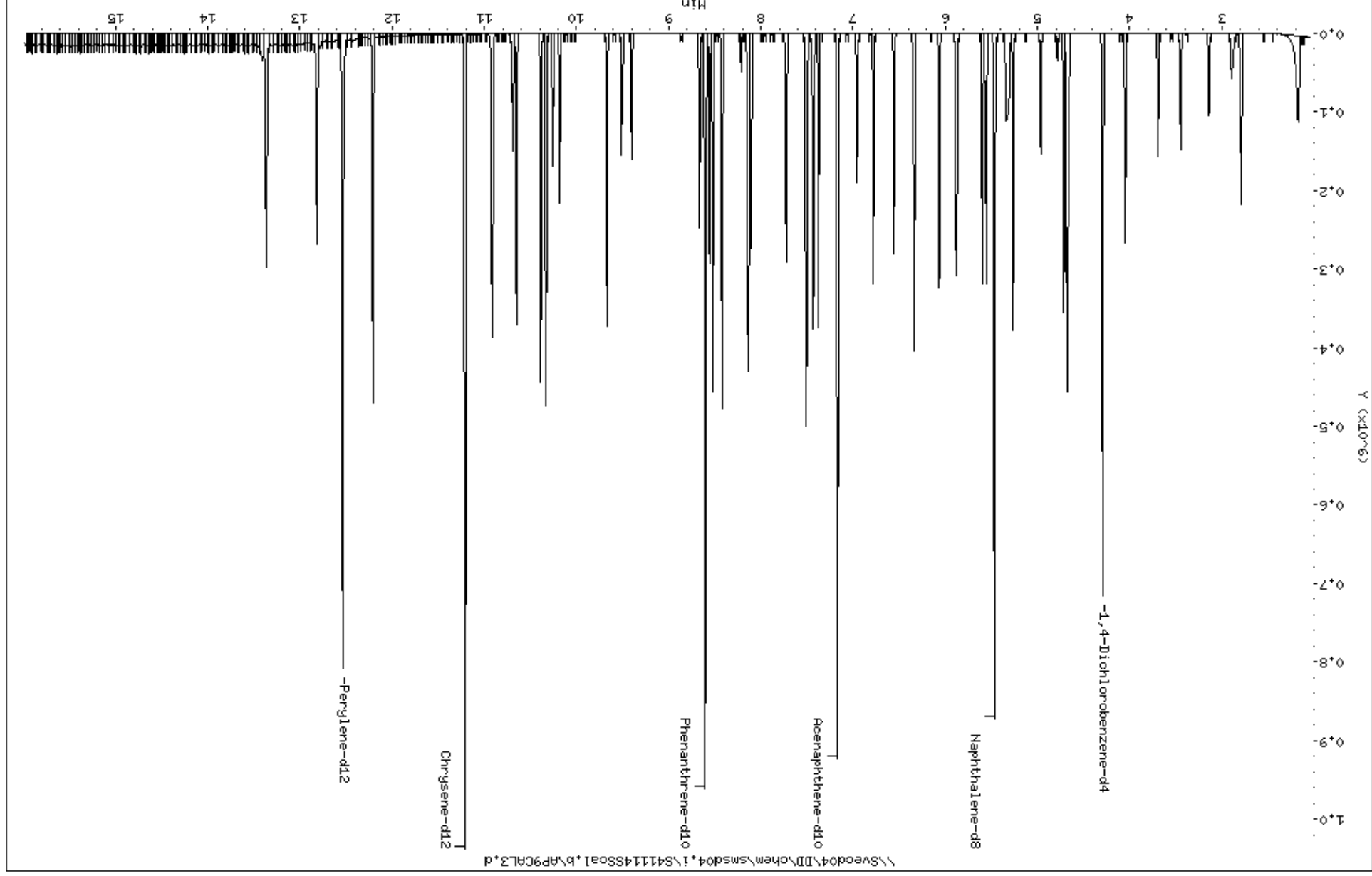
AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
77 1-Naphthylamine (continued)									
7.432	7.434	( 1.037)	89	11496			0.00-	40.79	10.34
-----									
78 2,3,4,6-Tetrachlorophenol CAS #: 58-90-2									
7.513	7.514	( 1.048)	232	34119	20.0000	19.3	80.00-	120.00	100.00
7.512	7.514	( 1.048)	168	9836			0.00-	58.61	28.83
7.512	7.513	( 1.048)	131	16536			18.06-	78.06	48.47
-----									
79 2-Naphthylamine CAS #: 91-59-8									
7.502	7.505	( 1.047)	143	129025	20.0000	20.3	80.00-	120.00	100.00
7.502	7.504	( 1.047)	115	69565			24.63-	84.63	53.92
7.502	7.505	( 1.047)	116	28458			0.00-	52.80	22.06
-----									
83 5-Nitro-ortho-toluidine CAS #: 99-55-8									
7.727	7.731	( 1.078)	152	37814	20.0000	20.0	80.00-	120.00	100.00
7.727	7.731	( 1.078)	106	30381			49.62-	109.62	80.34
7.727	7.731	( 1.078)	77	44765			86.78-	146.78	118.38
-----									
90 1,3,5-Trinitrobenzene CAS #: 99-35-4									
8.108	8.109	( 1.131)	75	80071	20.0000	19.1	80.00-	120.00	100.00
8.108	8.109	( 1.131)	74	48441			29.31-	89.31	60.50
8.109	8.110	( 1.131)	213	29522			6.52-	66.52	36.87
-----									
89 Diallate CAS #: 2303-16-4									
8.132	8.132	( 1.135)	86	67144	20.0000	19.8	80.00-	120.00	100.00(M)
8.132	8.132	( 1.135)	43	85293			64.61-	124.61	127.03
8.132	8.132	( 1.135)	234	29758			1.00-	61.00	44.32
-----									
92 Phenacetin CAS #: 62-44-2									
8.142	8.150	( 0.946)	109	75876	20.0000	19.5	80.00-	120.00	100.00
8.143	8.150	( 0.947)	108	75760			70.78-	130.78	99.85
8.143	8.150	( 0.947)	179	38257			22.17-	82.17	50.42
-----									
91 p-Phenylenediamine CAS #: 106-50-3									
8.143	8.150	( 0.947)	108	75760	20.0000	19.9	80.00-	120.00	100.00
8.143	8.150	( 0.947)	80	16164			0.00-	51.04	21.34
8.142	8.149	( 0.947)	53	10664			0.00-	43.69	14.08
-----									
97 Pentachloronitrobenzene CAS #: 82-68-8									
8.557	8.560	( 0.995)	237	23496	20.0000	20.3	80.00-	120.00	100.00
8.557	8.560	( 0.995)	295	8505			6.13-	66.13	36.20
8.556	8.559	( 0.995)	142	15715			37.48-	97.48	66.88
-----									
98 4-Aminobiphenyl CAS #: 92-67-1									
8.423	8.425	( 0.979)	169	142078	20.0000	19.7	80.00-	120.00	100.00
8.423	8.425	( 0.979)	168	29851			0.00-	51.69	21.01
8.423	8.424	( 0.979)	115	17665			0.00-	41.29	12.43
-----									
99 Pronamide CAS #: 23950-58-5									
8.518	8.523	( 0.990)	173	67501	20.0000	19.6	80.00-	120.00	100.00
8.518	8.523	( 0.990)	175	44719			37.21-	97.21	66.25
8.518	8.523	( 0.990)	145	24716			6.07-	66.07	36.62
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.603	8.604	( 1.000)	188	361572	40.0000		80.00-	120.00	100.00
8.602	8.604	( 1.000)	94	39010			0.00-	40.39	10.79
8.602	8.603	( 1.000)	80	43326			0.00-	41.55	11.98
-----									
102 Dinoseb						CAS #: 88-85-7			
8.663	8.663	( 1.007)	211	32153	20.0000	19.2	80.00-	120.00	100.00
8.663	8.663	( 1.007)	163	14351			16.26-	76.26	44.63
8.663	8.663	( 1.007)	117	8528			0.00-	57.53	26.52
-----									
106 4-Nitroquinoline-1-oxide						CAS #: 56-57-5			
8.517	8.525	( 0.990)	174	6407	20.0000	19.2	80.00-	120.00	100.00(M)
8.525	8.517	( 0.991)	128	0	0.00	0.00	0.00-	30.00	0.00
8.525	8.517	( 0.991)	101	0	0.00	0.00	0.00-	30.00	0.00
-----									
107 Methapyrilene						CAS #: 91-80-5			
9.511	9.510	( 1.106)	97	83760	20.0000	17.9	80.00-	120.00	100.00
9.511	9.510	( 1.106)	58	100883			97.04-	157.04	120.44
9.510	9.510	( 1.106)	191	12377			0.00-	44.49	14.78
-----									
108 Isodrin						CAS #: 465-73-6			
9.668	9.669	( 1.124)	193	24649	20.0000	19.1	80.00-	120.00	100.00
9.667	9.668	( 1.124)	66	20941			53.06-	113.06	84.96
9.668	9.669	( 1.124)	195	22639			59.05-	119.05	91.85
-----									
113 Aramite						CAS #: 140-57-8			
10.182	10.261	( 0.908)	185	30322	20.0000	19.8	80.00-	120.00	100.00(M)
10.182	10.182	( 0.908)	191	15201			18.05-	78.05	50.13
10.182	10.182	( 0.908)	319	7800			0.00-	55.81	25.72
-----									
114 p-Dimethylamino azobenzene						CAS #: 60-11-7			
10.333	10.334	( 0.922)	225	47785	20.0000	19.1	80.00-	120.00	100.00
10.333	10.334	( 0.922)	120	65805			107.72-	167.72	137.71
10.333	10.334	( 0.922)	77	48241			69.64-	129.64	100.95
-----									
115 Chlorobenzilate						CAS #: 510-15-6			
10.387	10.388	( 0.927)	251	67742	20.0000	19.4	80.00-	120.00	100.00
10.387	10.388	( 0.927)	253	42881			35.05-	95.05	63.30
10.386	10.388	( 0.926)	139	79656			88.99-	148.99	117.59
-----									
116 Kepone						CAS #: 143-50-0			
10.688	10.690	( 0.953)	272	19287	20.0000	19.4	80.00-	120.00	100.00
10.688	10.690	( 0.953)	274	13698			51.38-	111.38	71.02
10.688	10.690	( 0.953)	237	9767			13.59-	73.59	50.64
-----									
117 3,3-Dimethylbenzidine						CAS #: 119-93-7			
10.654	10.657	( 0.950)	212	132322	20.0000	21.3	80.00-	120.00	100.00
10.653	10.656	( 0.950)	106	13308			0.00-	39.77	10.06
10.654	10.657	( 0.950)	180	10160			0.00-	38.39	7.68
-----									
119 2-Acetylaminofluorene						CAS #: 53-96-3			
10.914	10.920	( 0.974)	181	85886	20.0000	18.7	80.00-	120.00	100.00
10.914	10.920	( 0.974)	223	47926			22.99-	82.99	55.80

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
119 2-Acetylaminofluorene (continued)									
10.914	10.920	( 0.974)	180	68410			47.24-	107.24	79.65
-----									
* 121 Chrysene-d12					CAS #: 1719-03-5				
11.210	11.211	( 1.000)	240	387741	40.0000		80.00-	120.00	100.00
11.210	11.210	( 1.000)	120	38848			0.00-	40.02	10.02
11.210	11.210	( 1.000)	236	95367			0.00-	54.50	24.60
-----									
126 7,12-Dimethylbenz(a)anthracen					CAS #: 57-97-6				
12.207	12.210	( 0.974)	256	91015	20.0000	19.4	80.00-	120.00	100.00
12.207	12.210	( 0.974)	241	51727			24.64-	84.64	56.83
12.207	12.210	( 0.974)	239	41593			16.31-	76.31	45.70
-----									
* 130 Perylene-d12					CAS #: 1520-96-3				
12.534	12.532	( 1.000)	264	355728	40.0000		80.00-	120.00	100.00
12.534	12.533	( 1.000)	260	80687			0.00-	52.70	22.68
12.534	12.532	( 1.000)	265	76488			0.00-	52.11	21.50
-----									
131 3-Methylcholanthrene					CAS #: 56-49-5				
12.820	12.822	( 1.023)	268	66227	20.0000	19.4	80.00-	120.00	100.00
12.819	12.821	( 1.023)	252	29115			13.86-	73.86	43.96
12.819	12.822	( 1.023)	253	30441			11.25-	71.25	45.96
-----									
132 Dibenz(a,j)acridine					CAS #: 224-42-0				
13.366	13.369	( 1.066)	279	150283	20.0000	20.2	80.00-	120.00	100.00
13.365	13.369	( 1.066)	280	33146			0.00-	52.83	22.06
13.365	13.369	( 1.066)	277	21709			0.00-	44.54	14.45
-----									

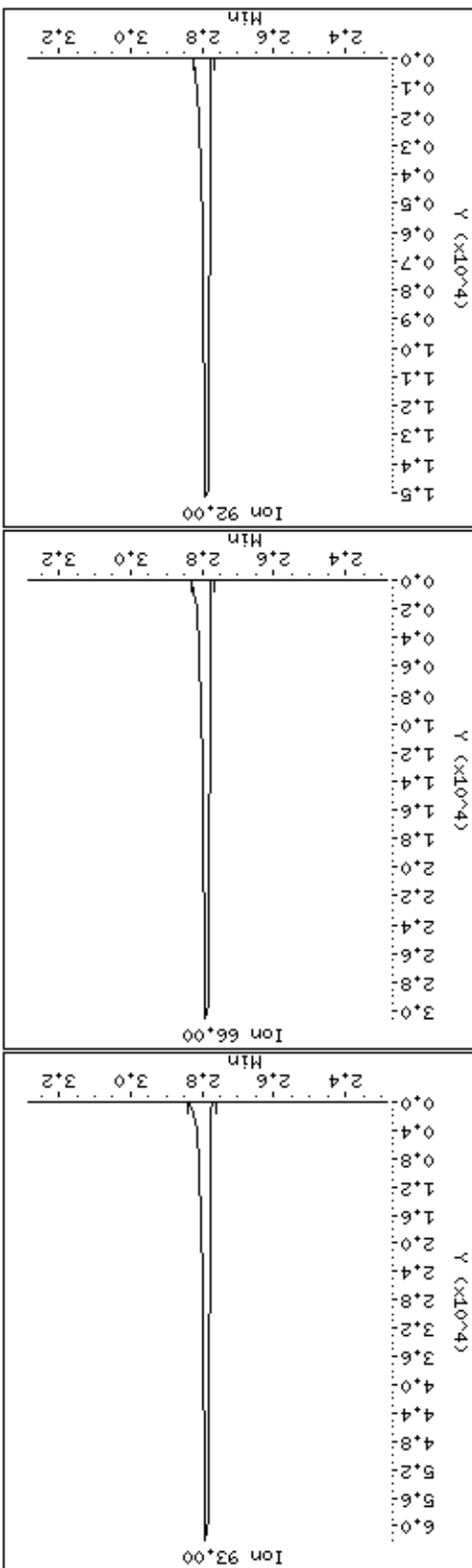
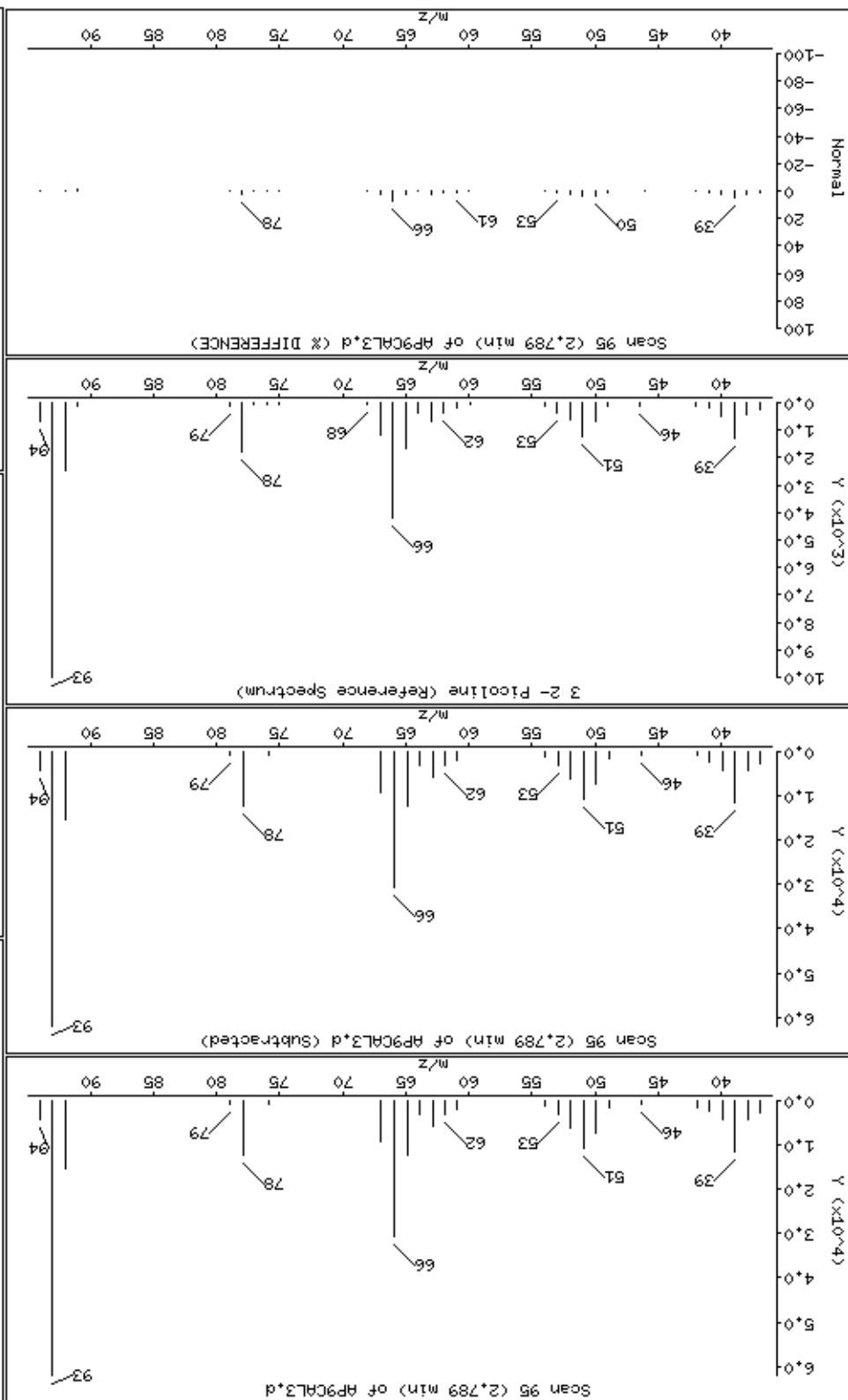
QC Flag Legend

- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.





3-2-Picoline



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

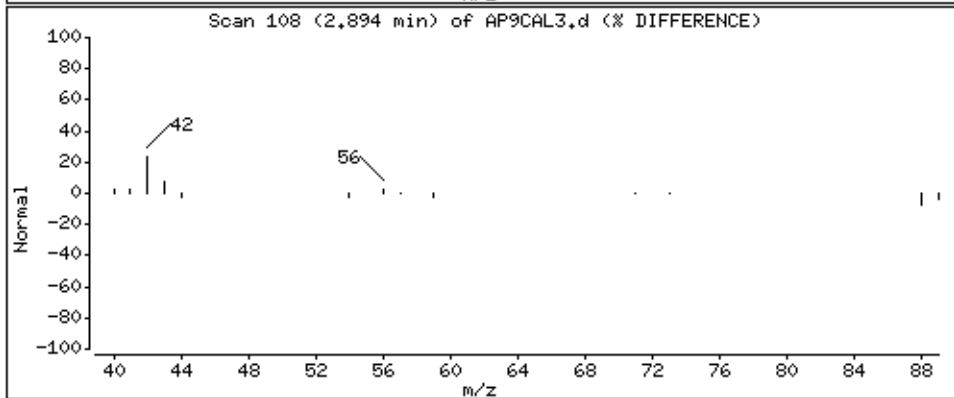
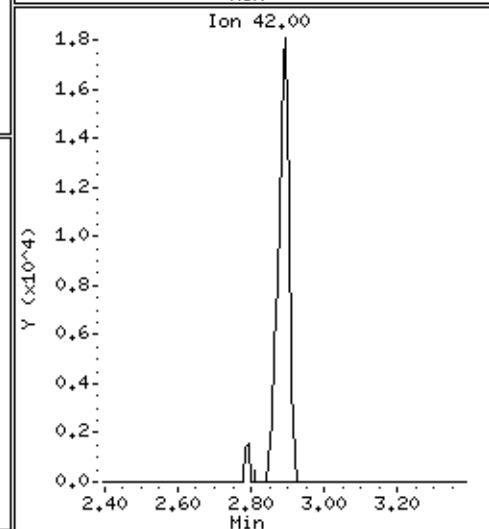
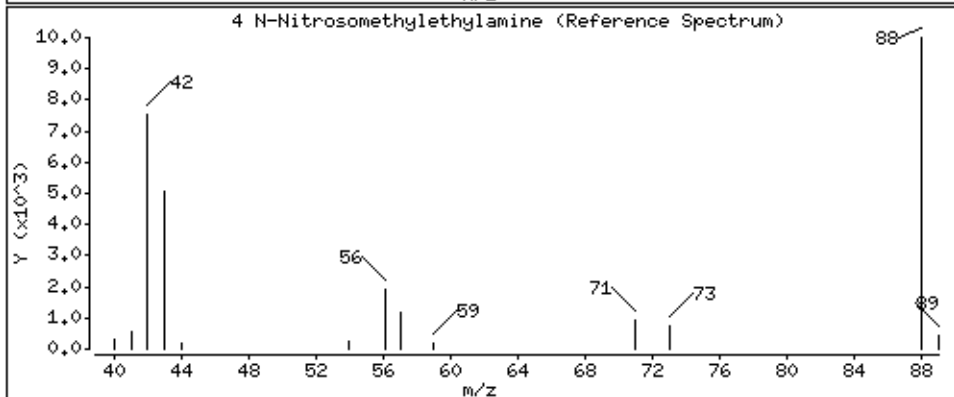
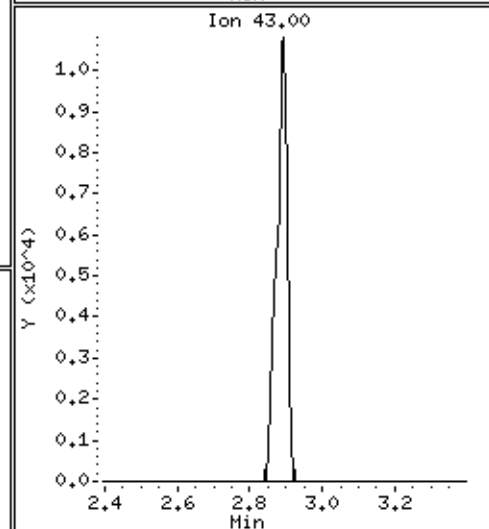
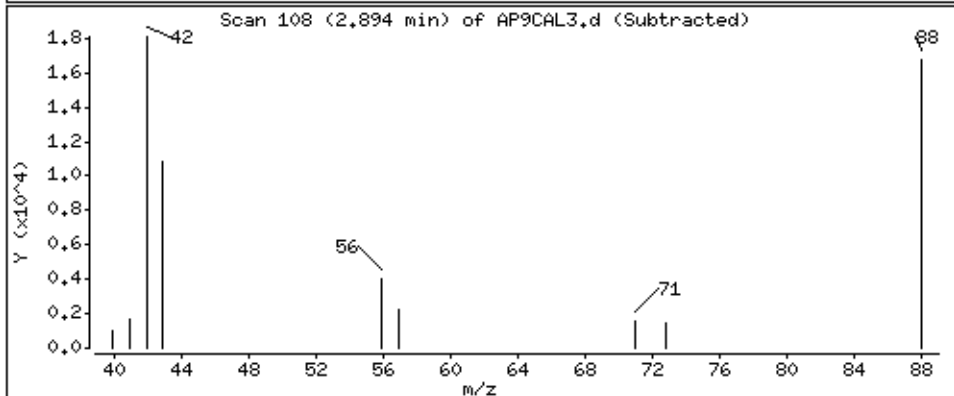
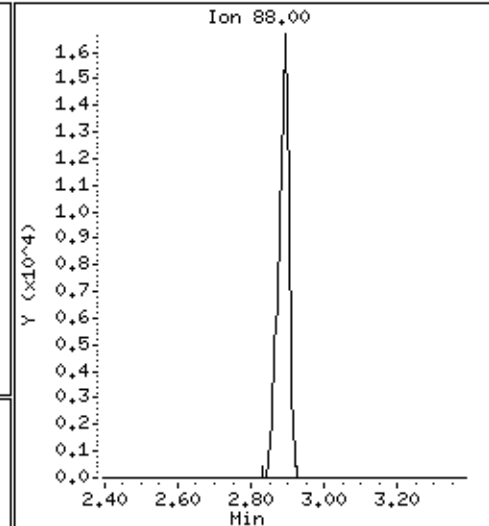
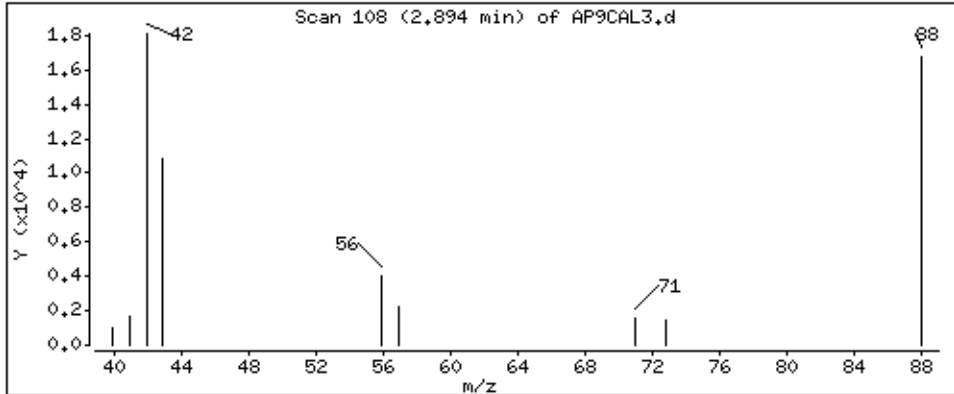
Operator: MJ

Column phase: HPMS-5

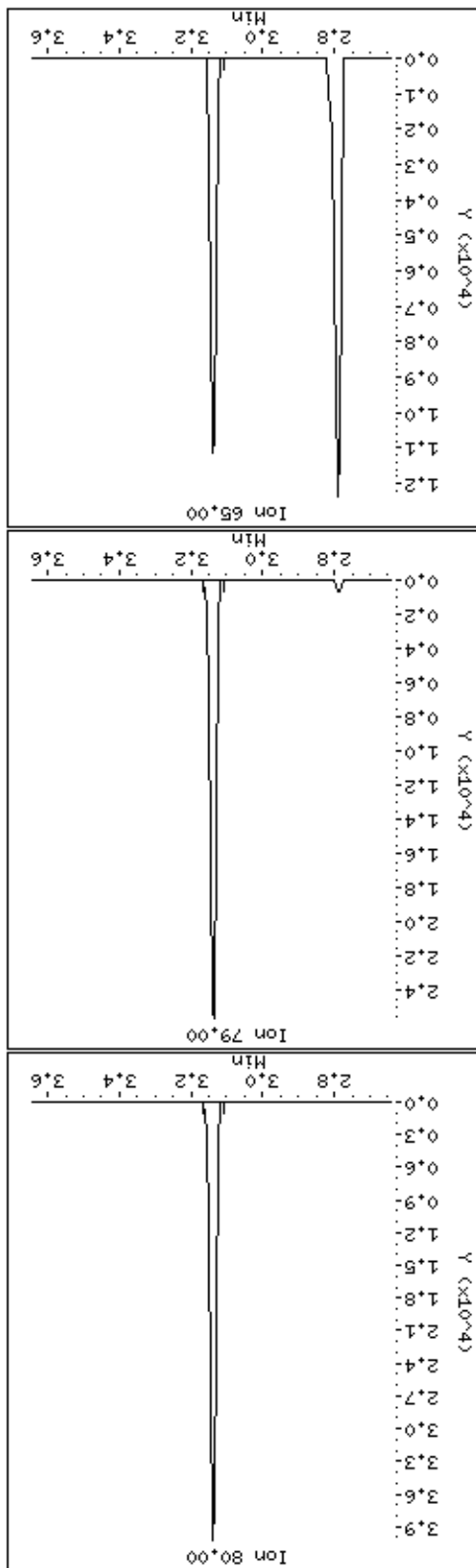
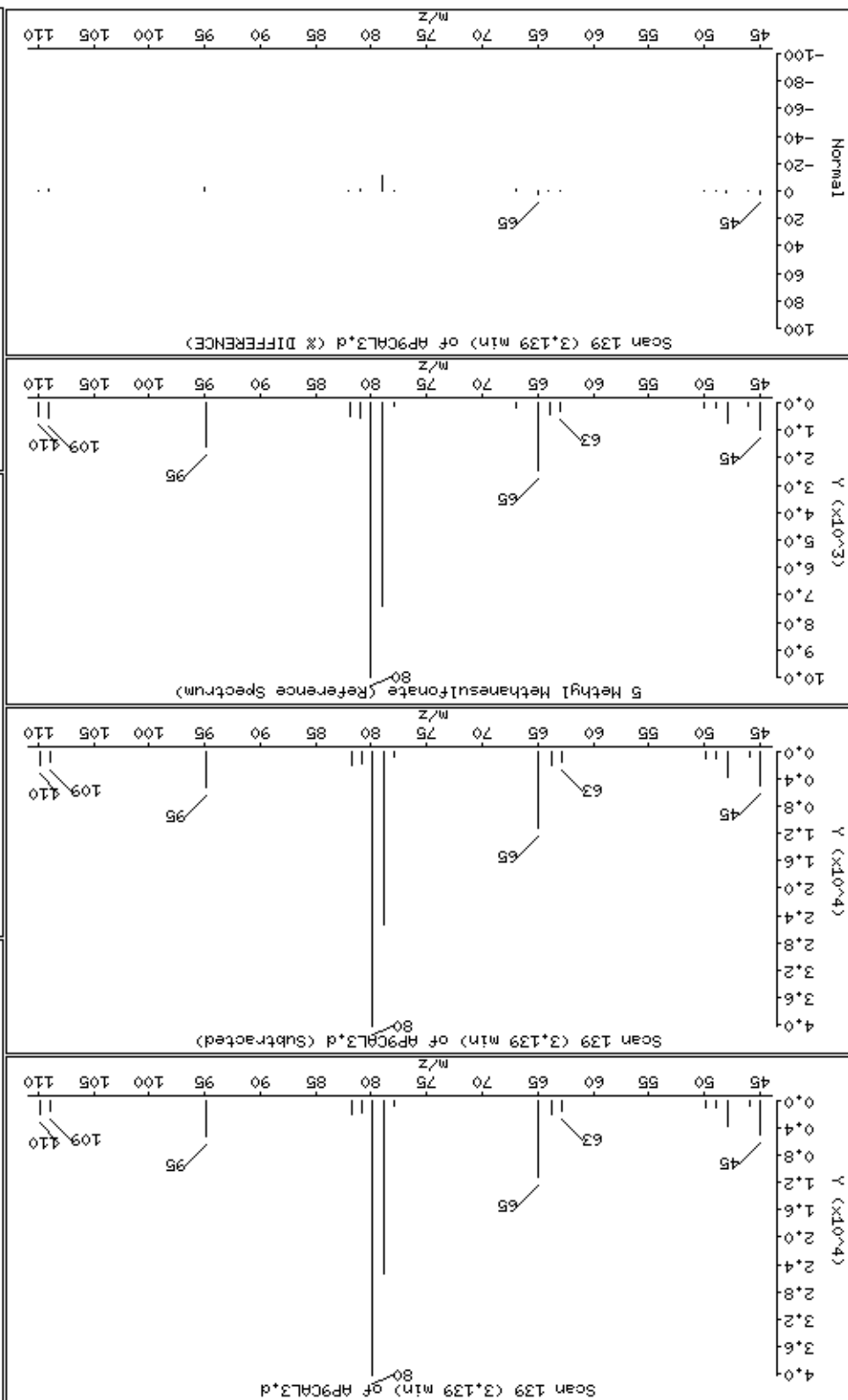
Column diameter: 0,25

4 N-Nitrosomethylethylamine

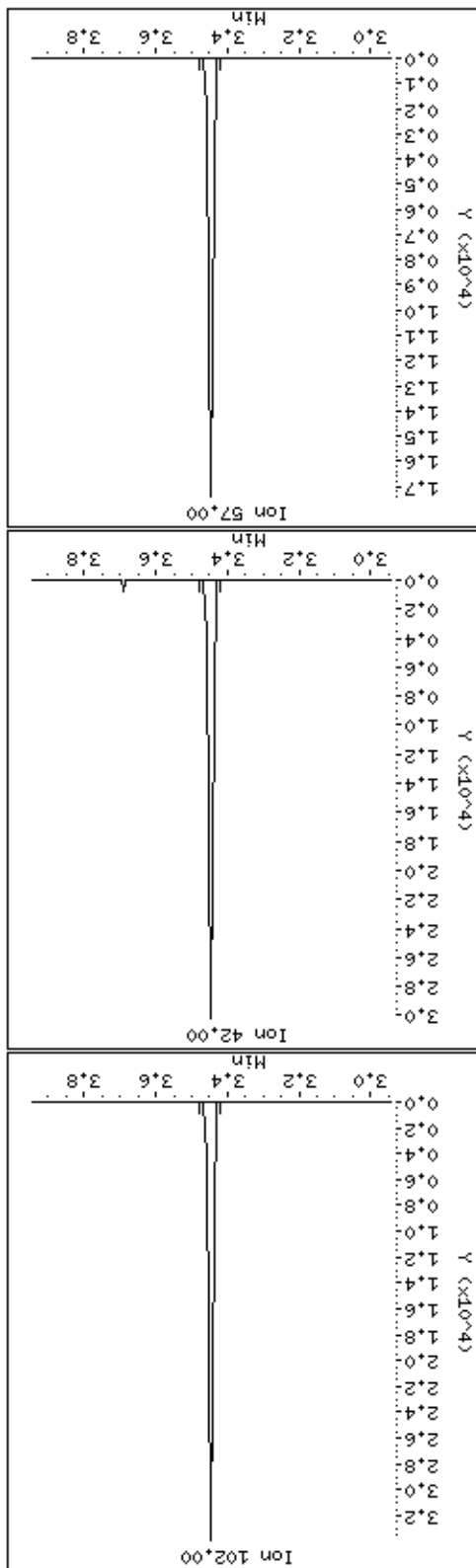
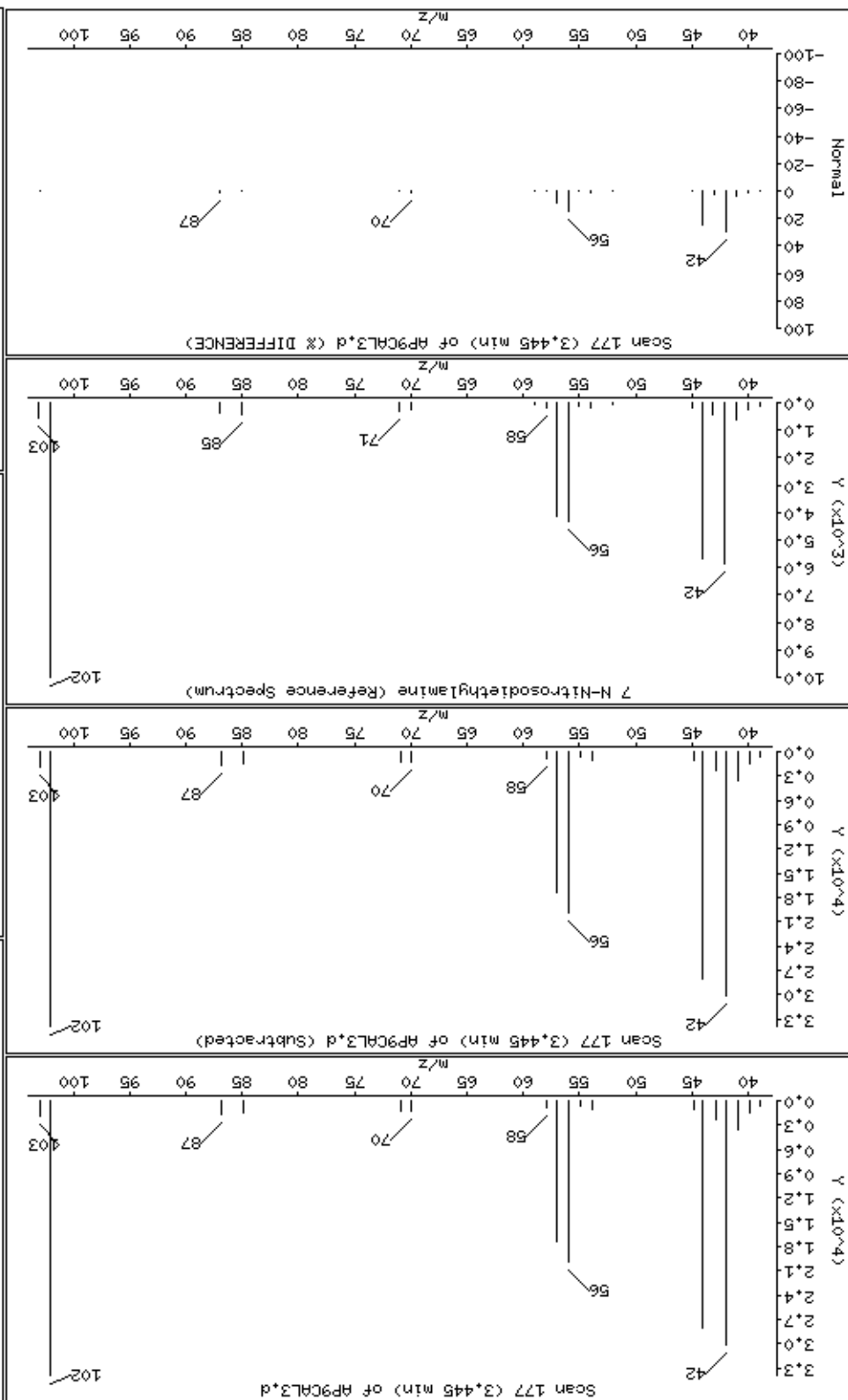
Concentration: 20,0 ug/kg



5 Methyl Methanesulfonate



7-N-Nitrosodietilamine



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

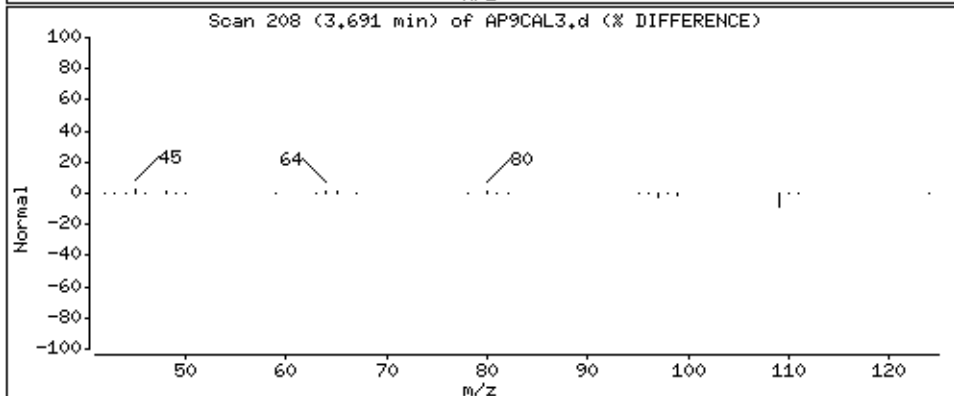
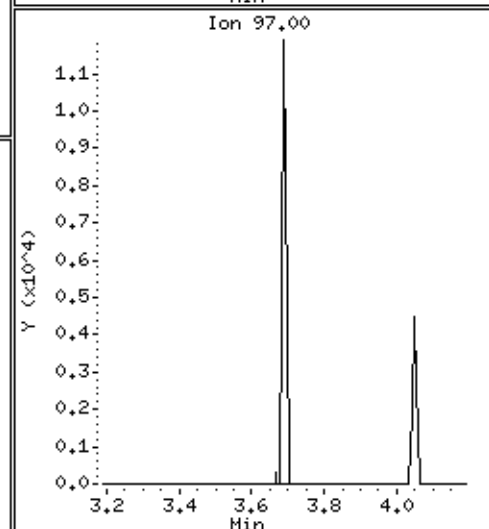
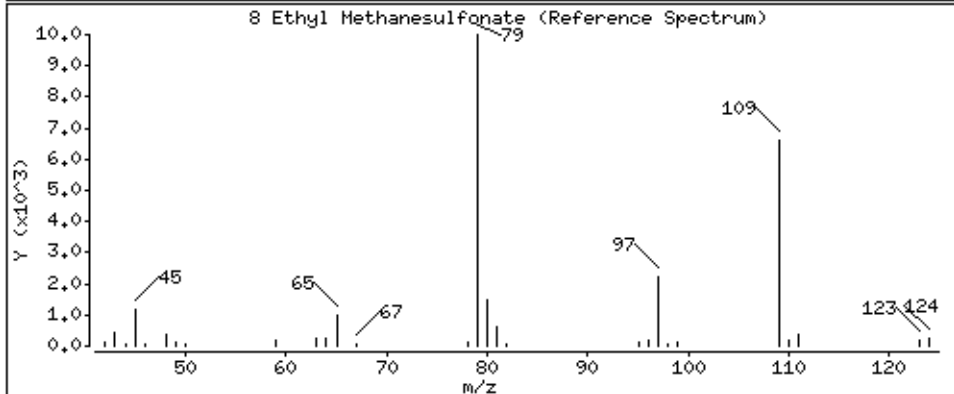
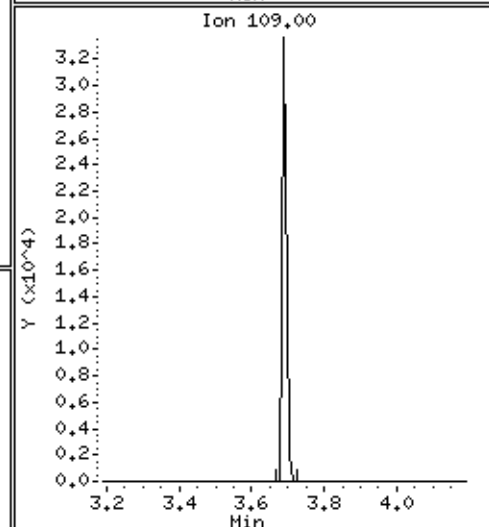
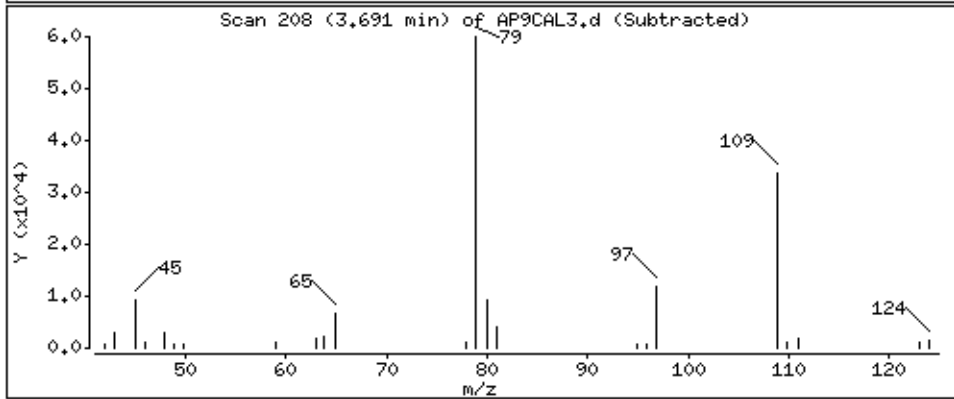
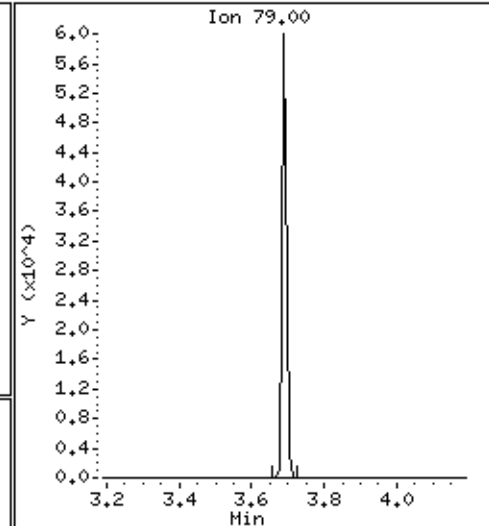
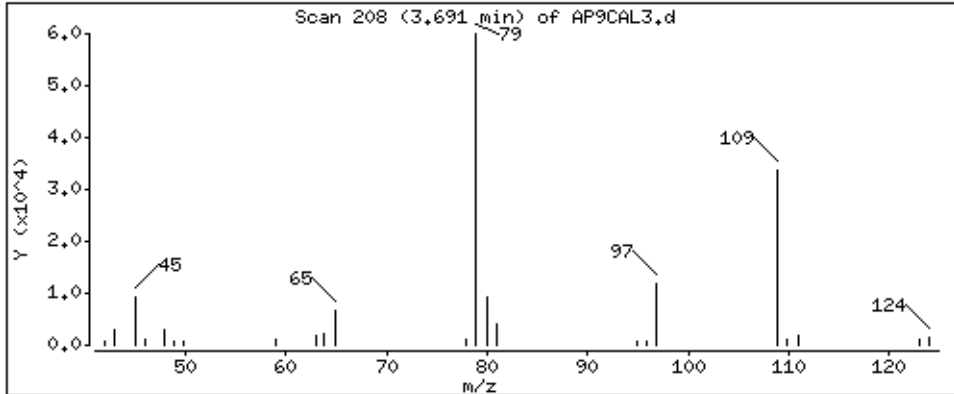
Operator: MJ

Column phase: HPMS-5

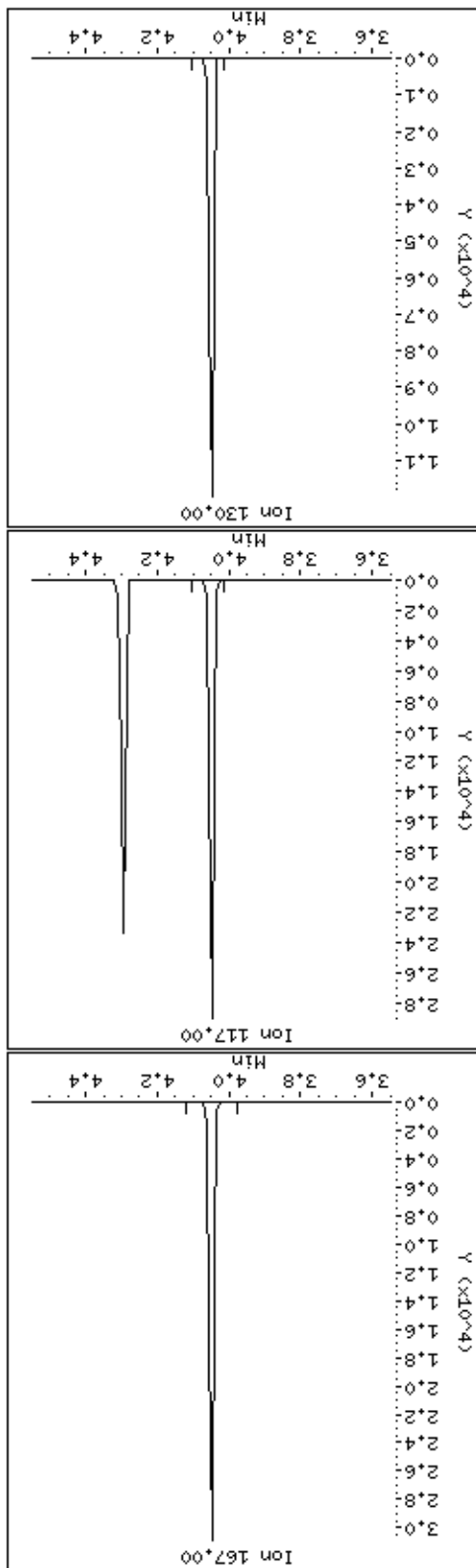
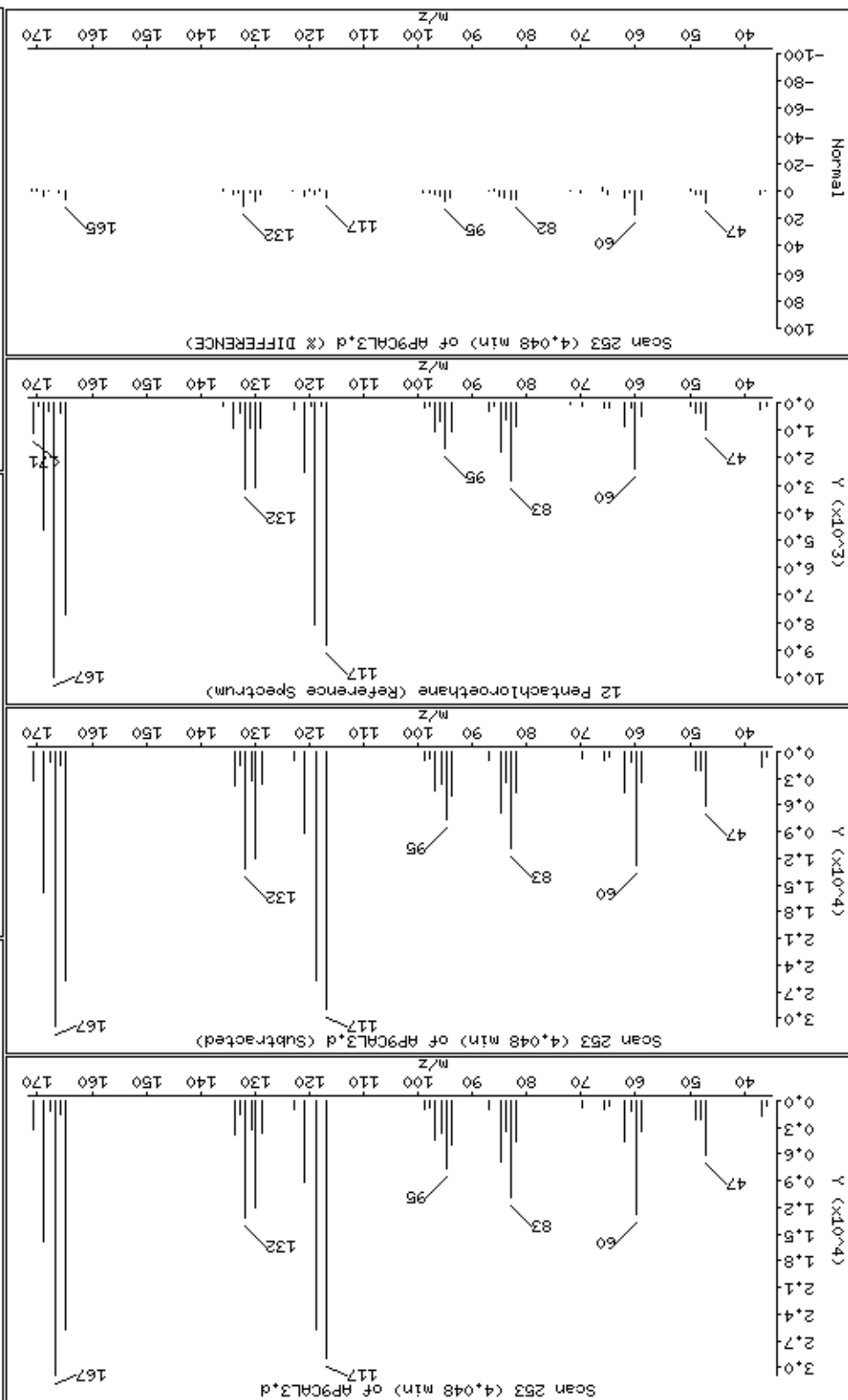
Column diameter: 0,25

8 Ethyl Methanesulfonate

Concentration: 19,6 ug/kg



12 Pentachloroethane



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

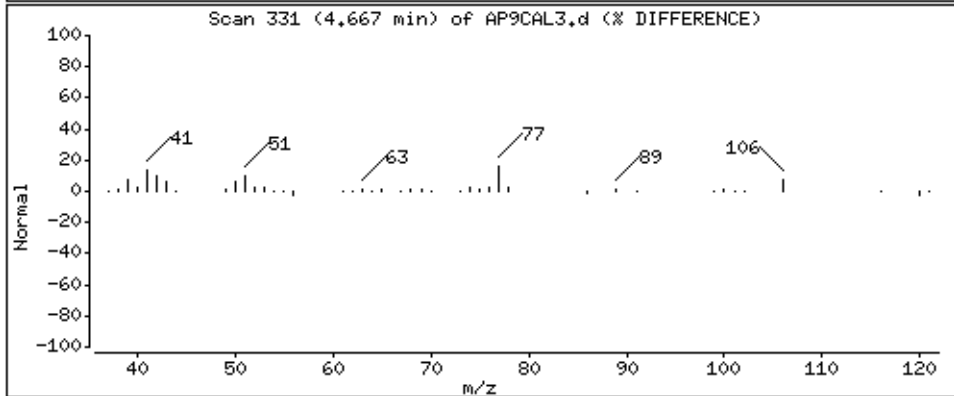
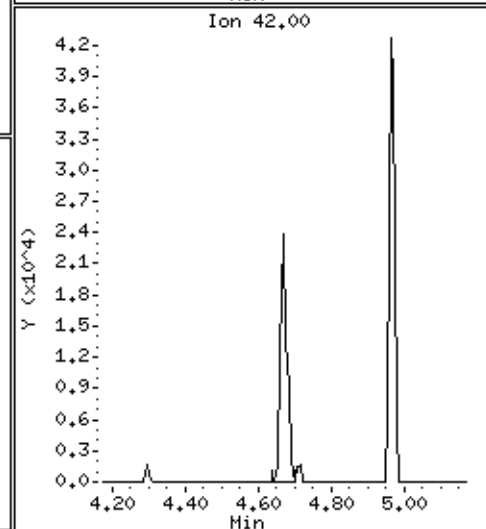
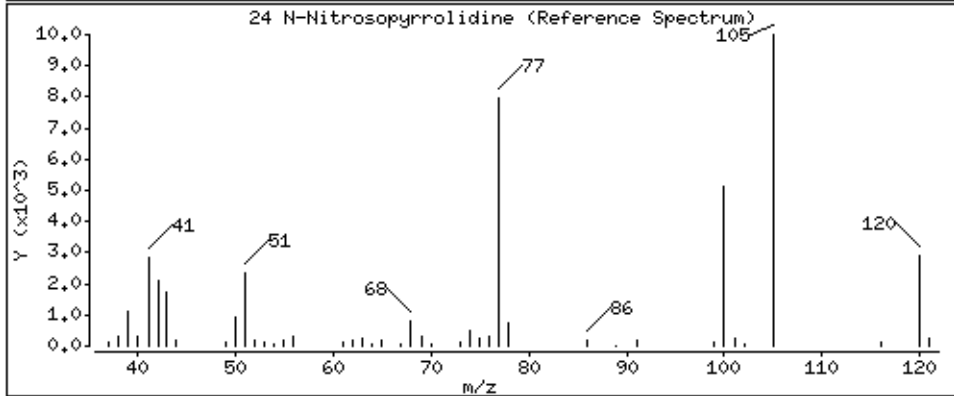
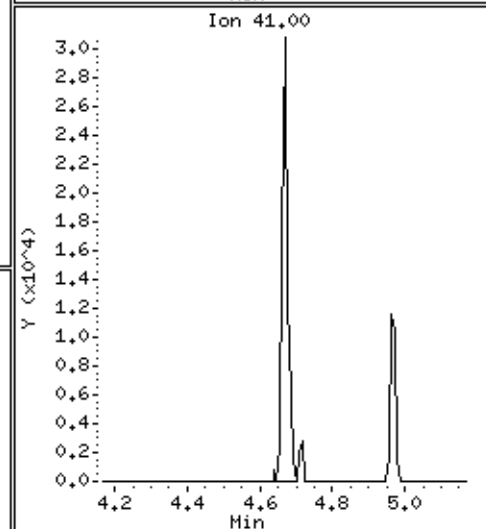
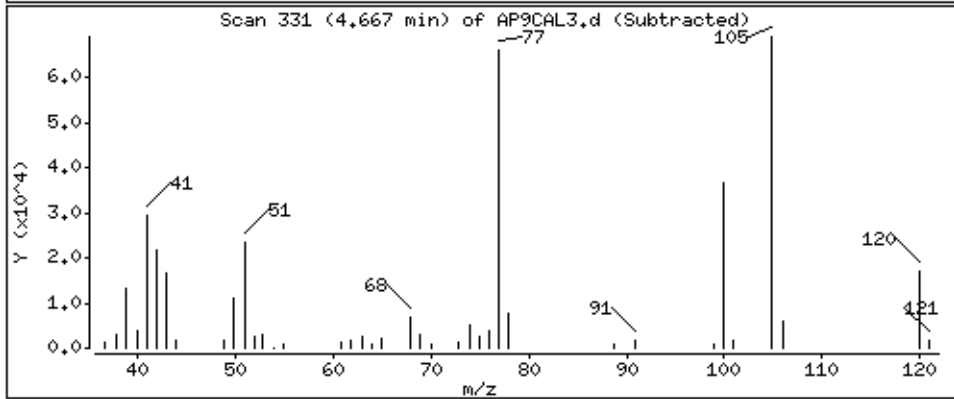
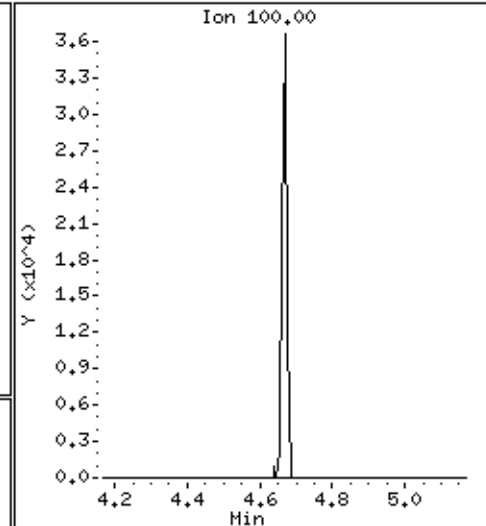
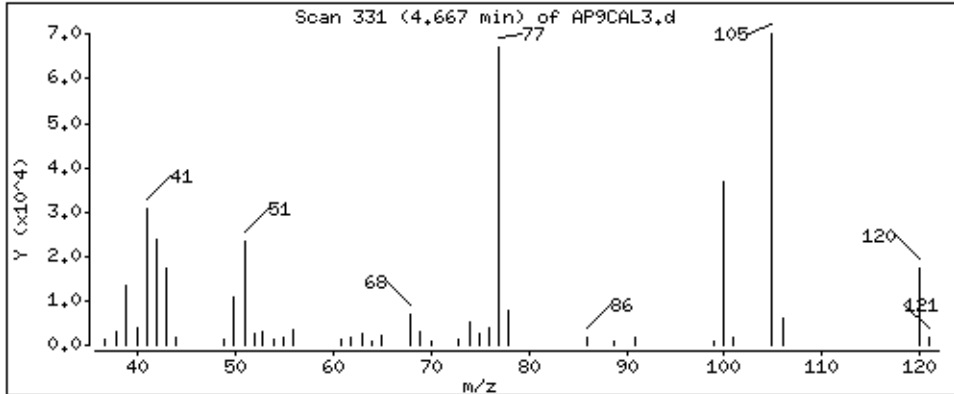
Operator: MJ

Column phase: HPMS-5

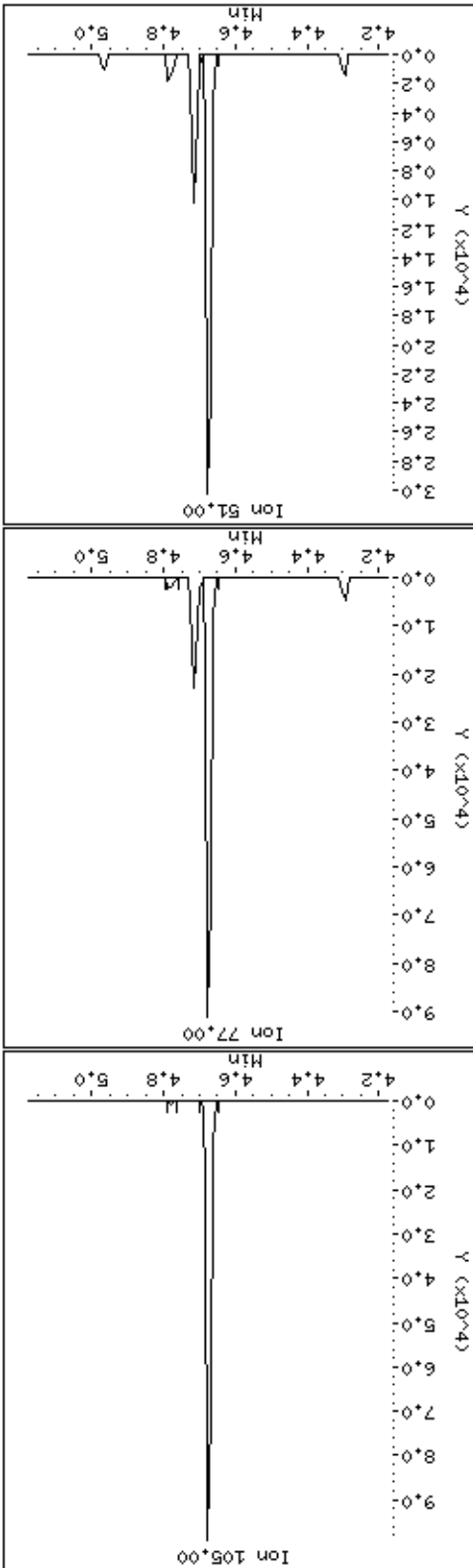
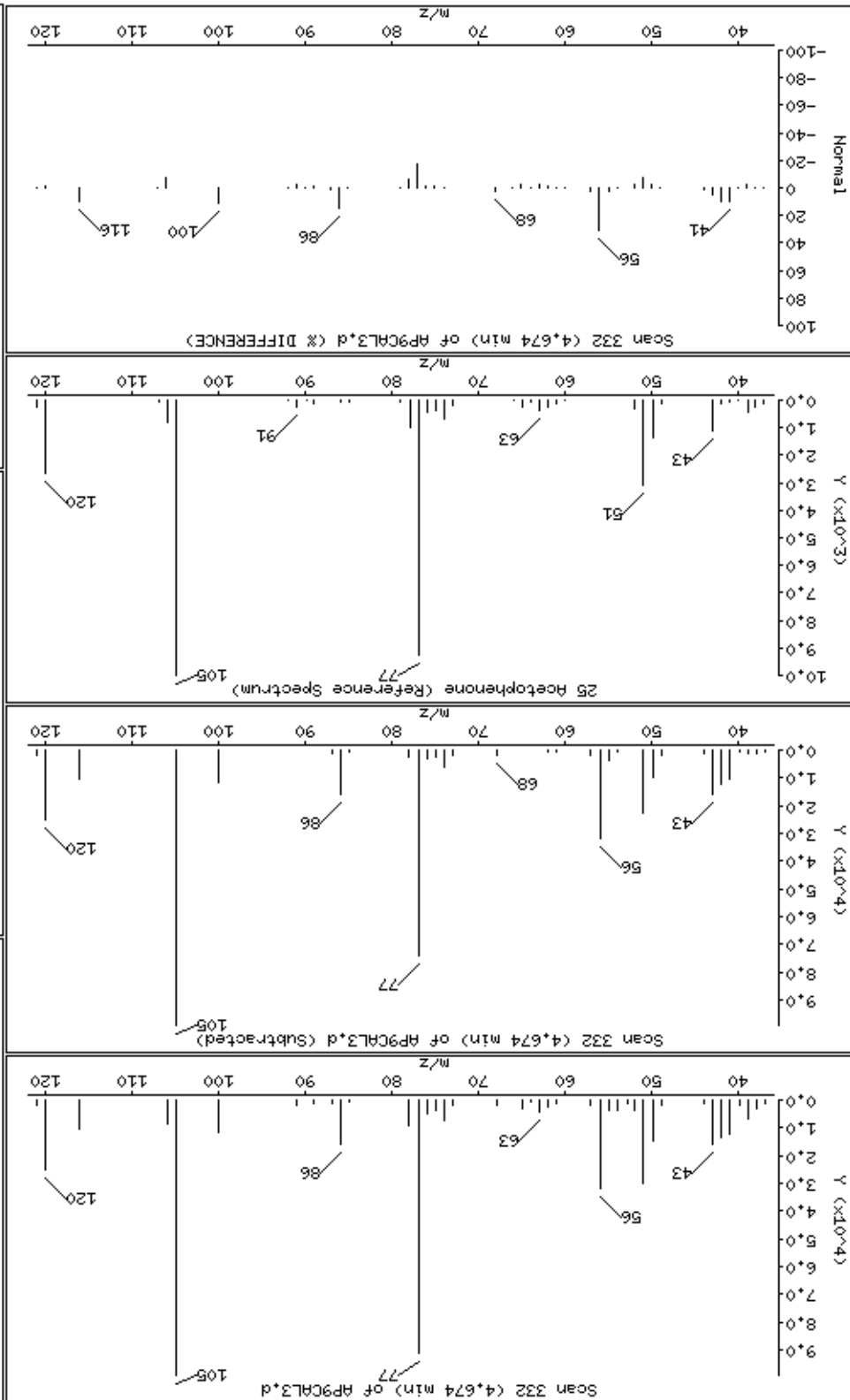
Column diameter: 0.25

24 N-Nitrosopyrrolidine

Concentration: 19.0 ug/kg



25 Acetophenone





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Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

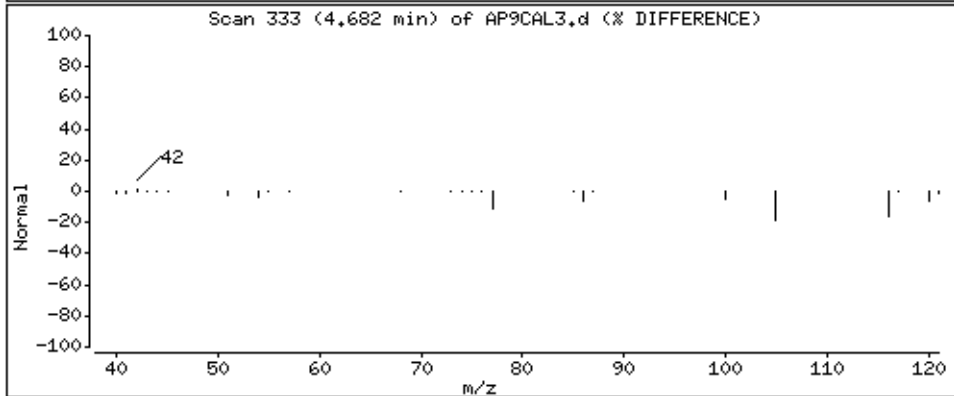
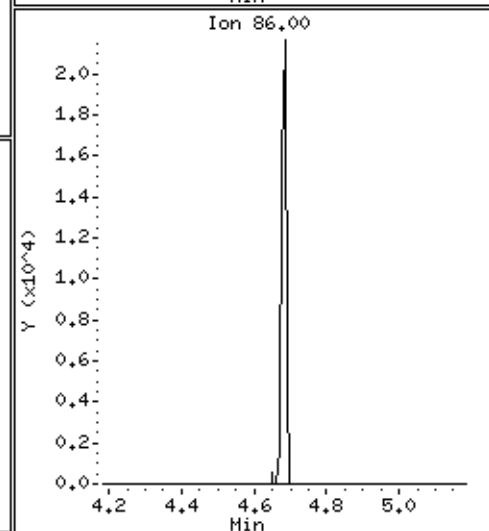
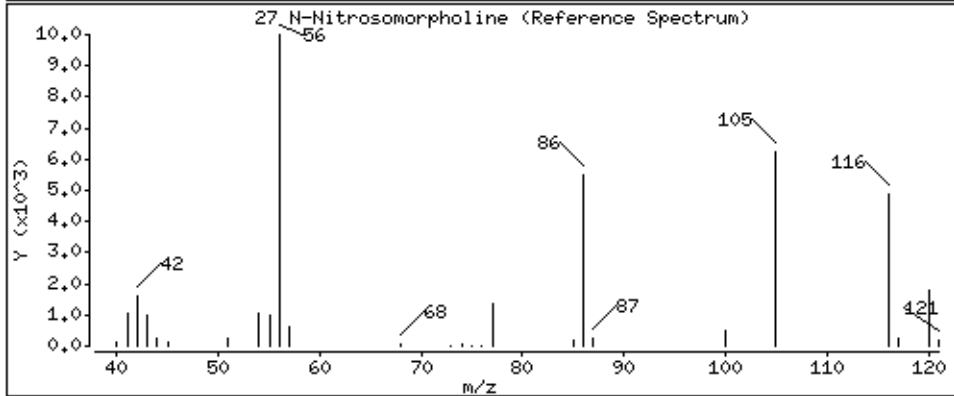
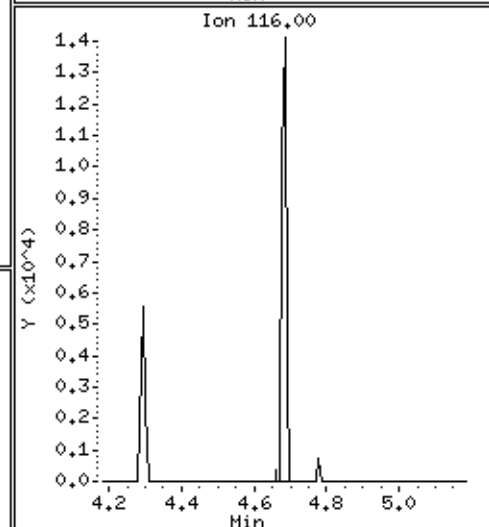
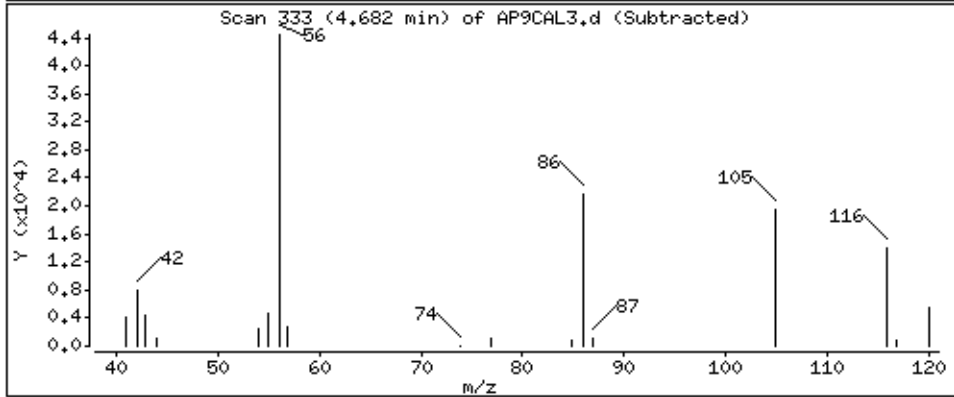
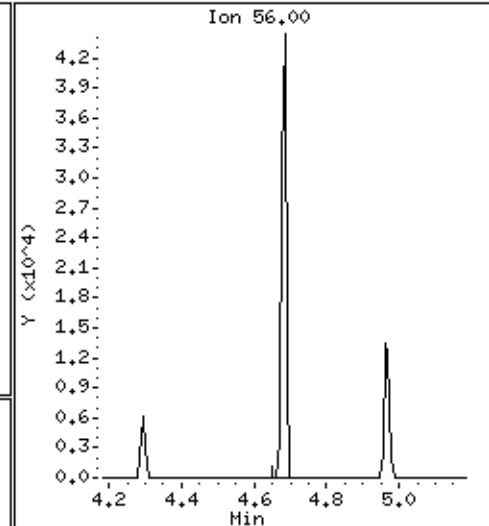
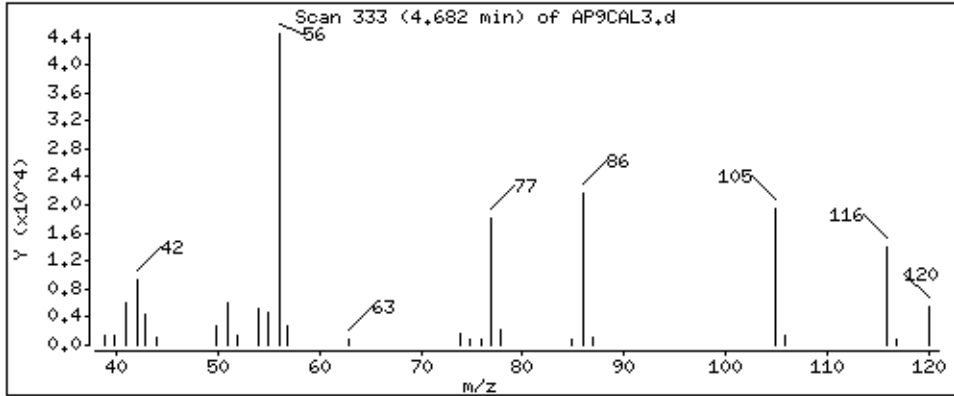
Operator: MJ

Column phase: HPMS-5

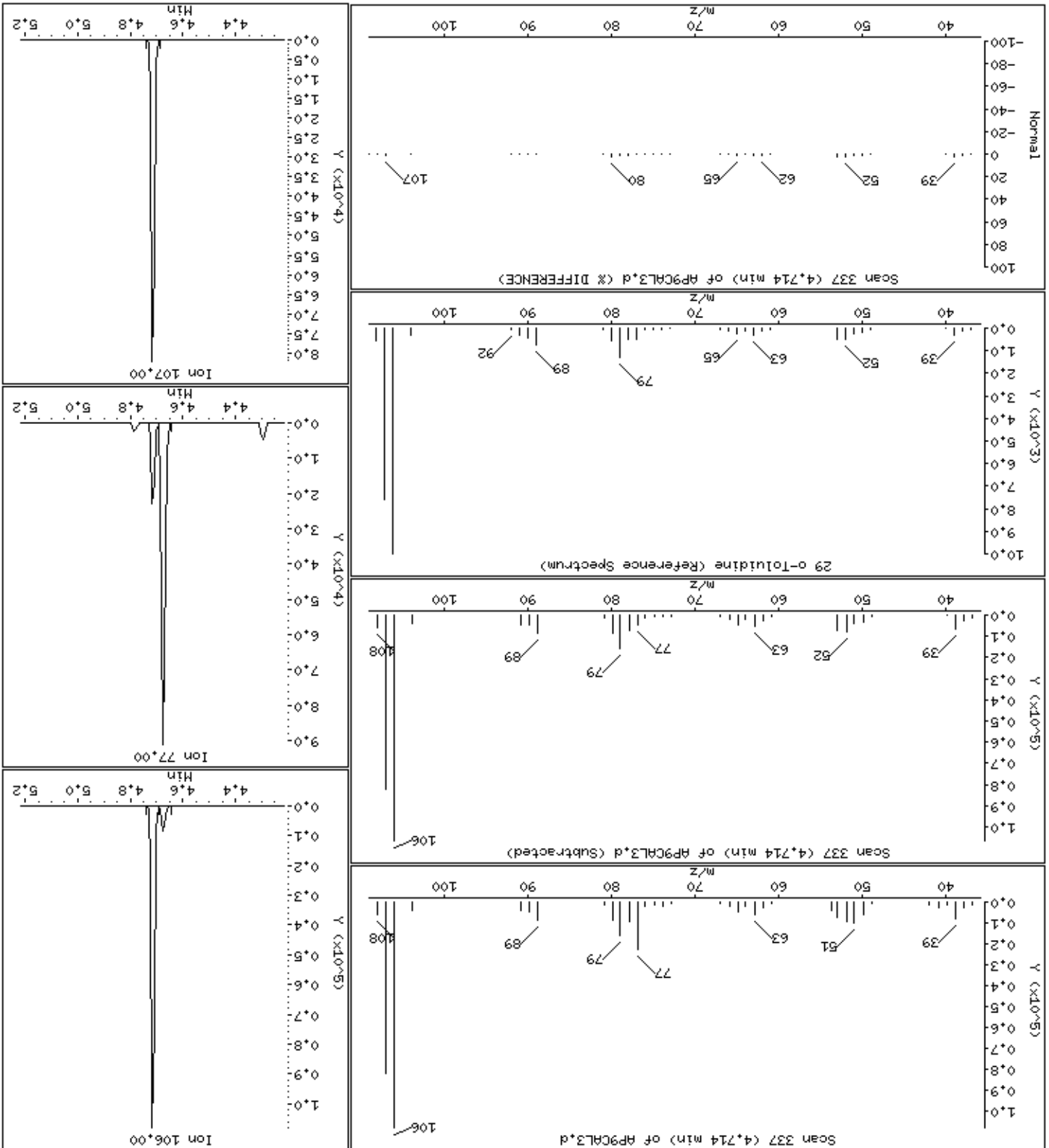
Column diameter: 0,25

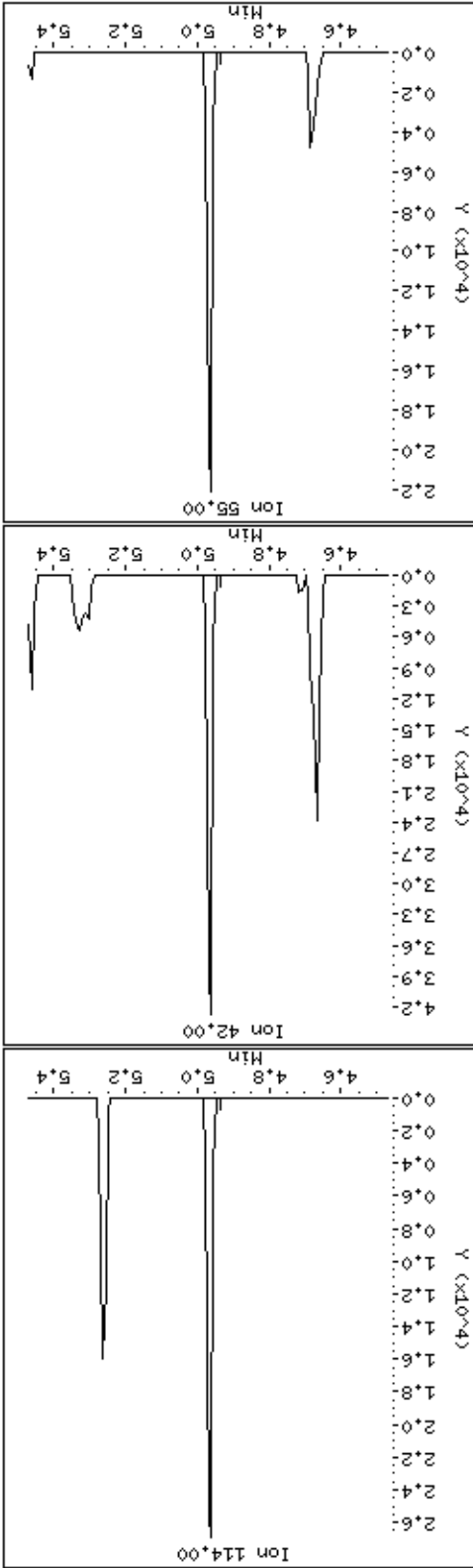
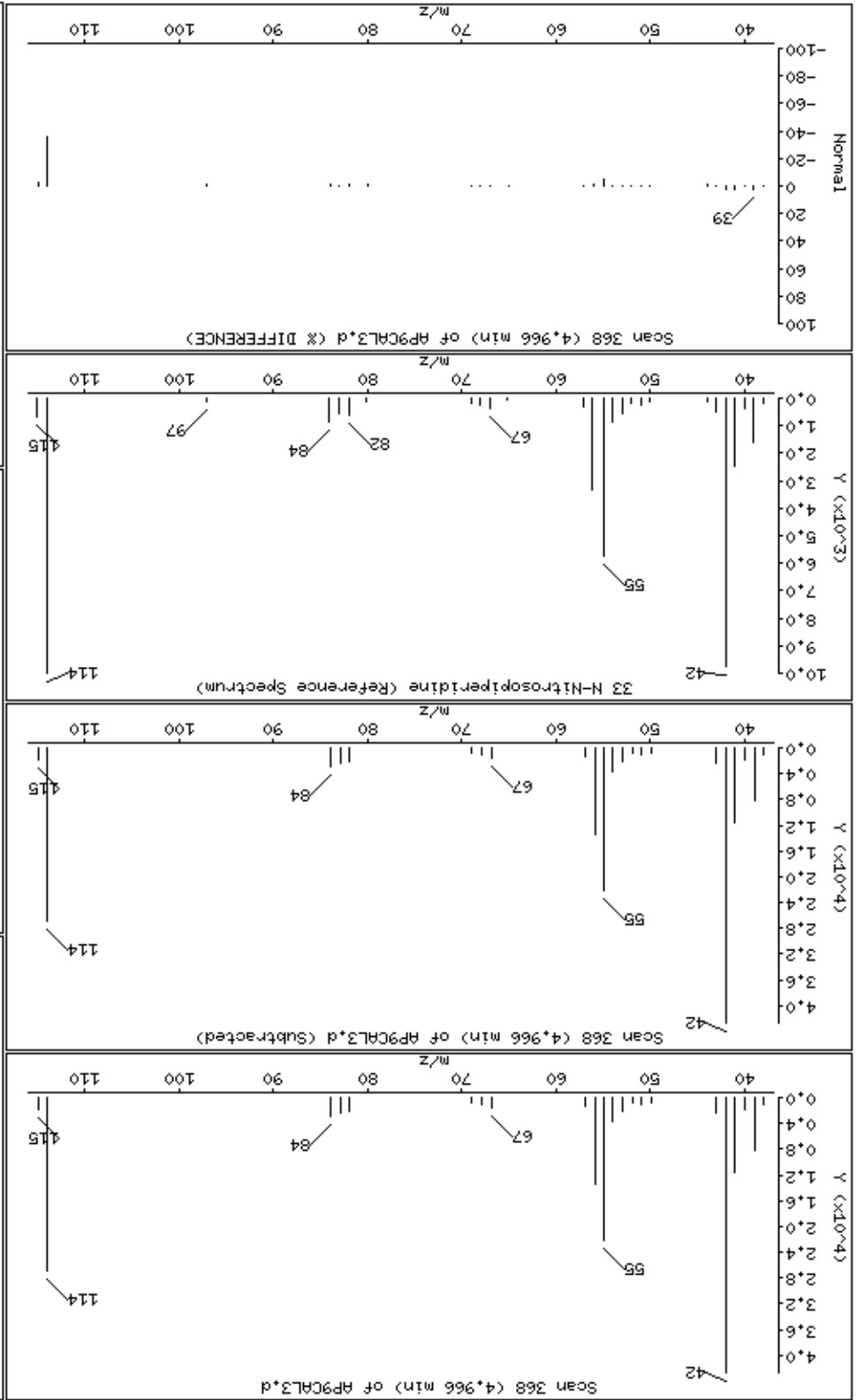
27 N-Nitrosomorpholine

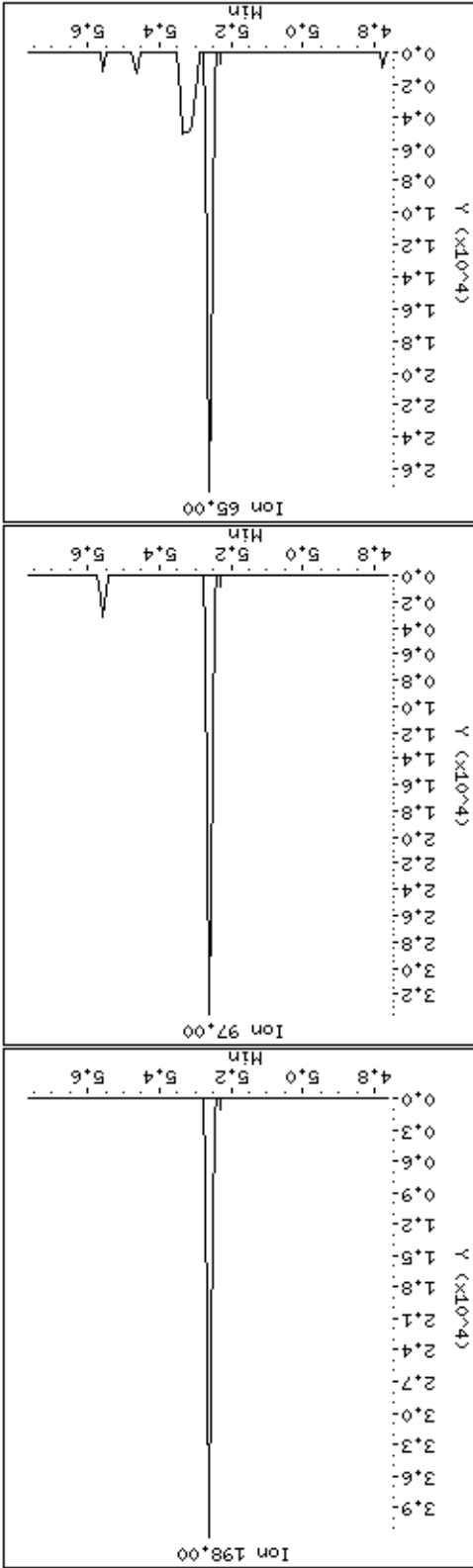
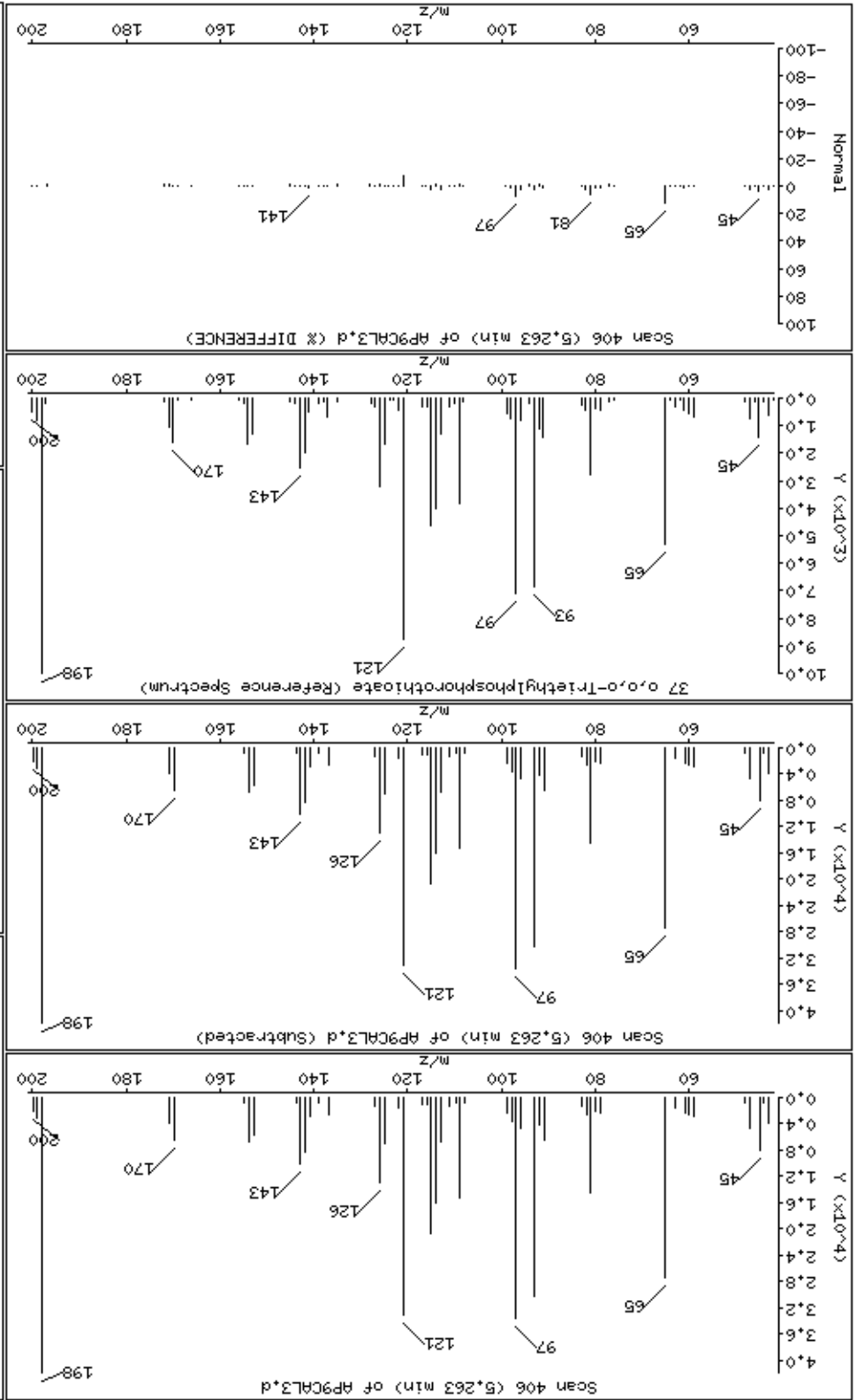
Concentration: 19,1 ug/kg



29-o-Toluidine







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Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

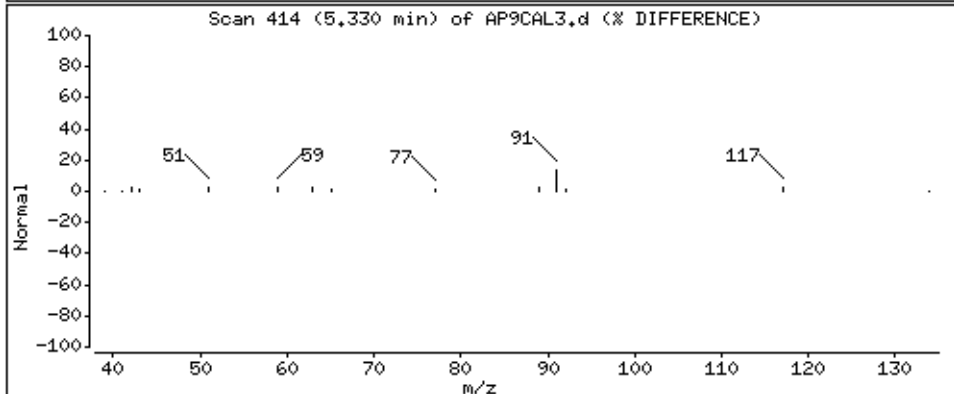
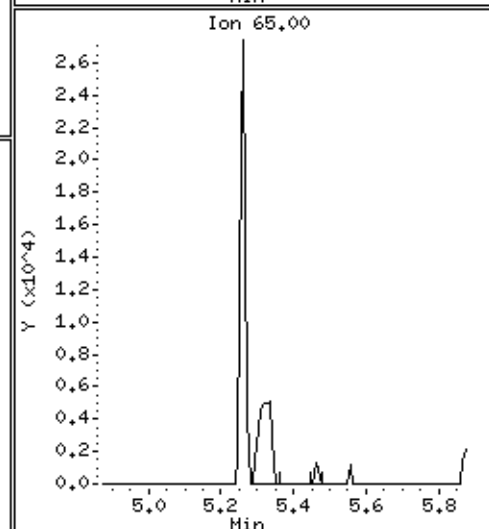
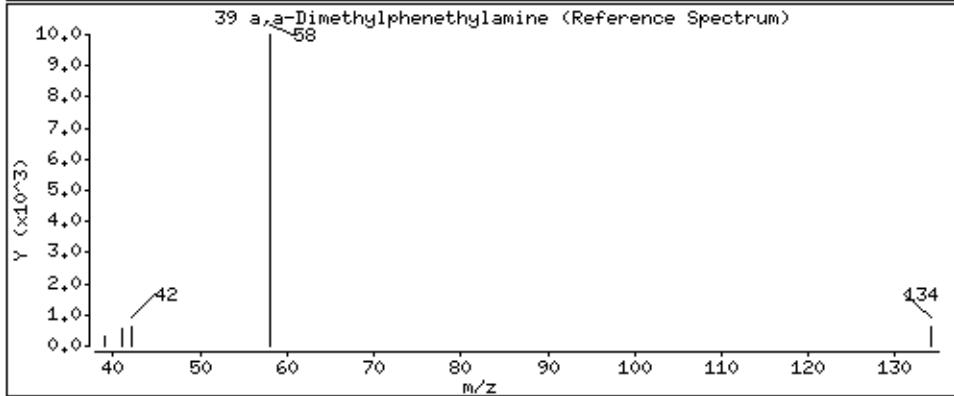
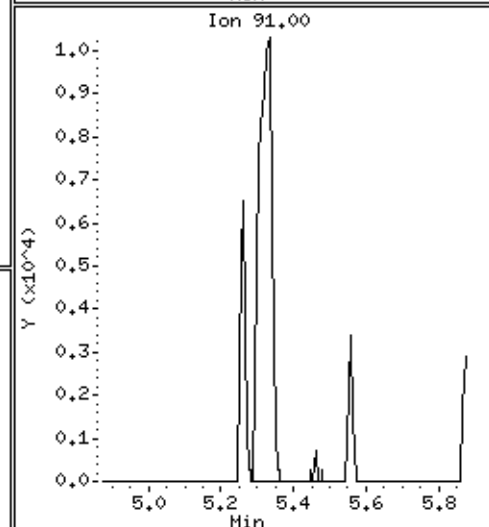
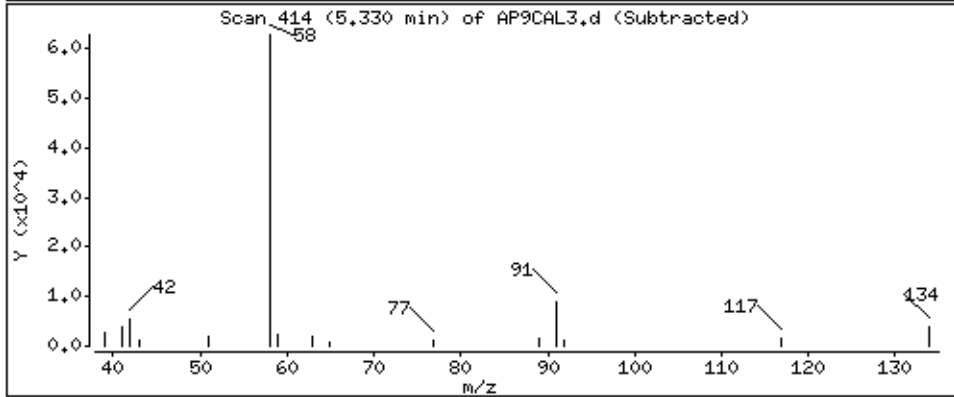
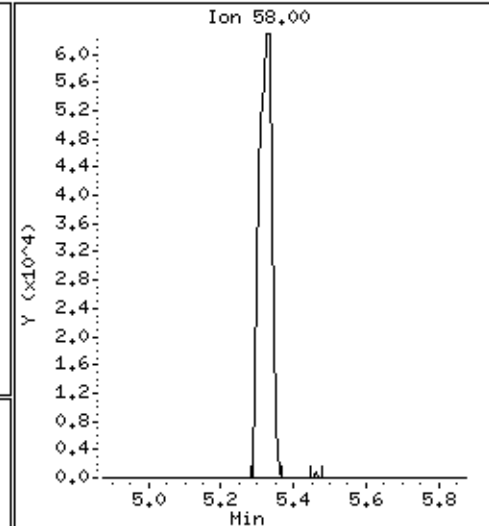
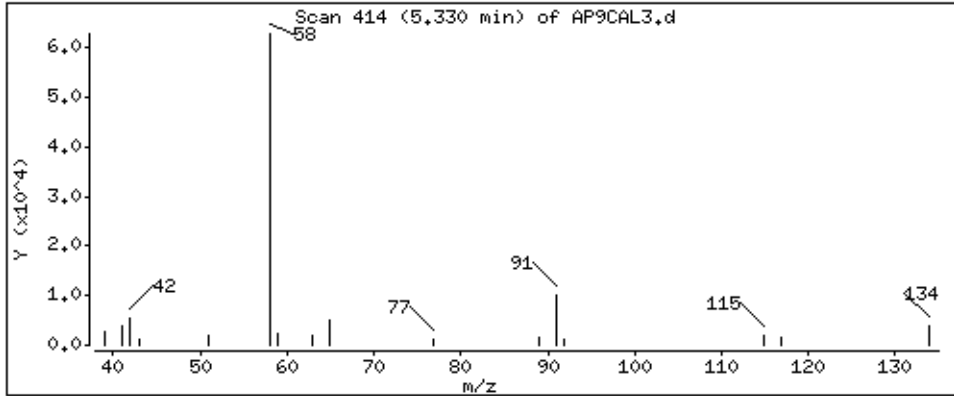
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

39 a,a-Dimethylphenethylamine

Concentration: 20,0 ug/kg



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

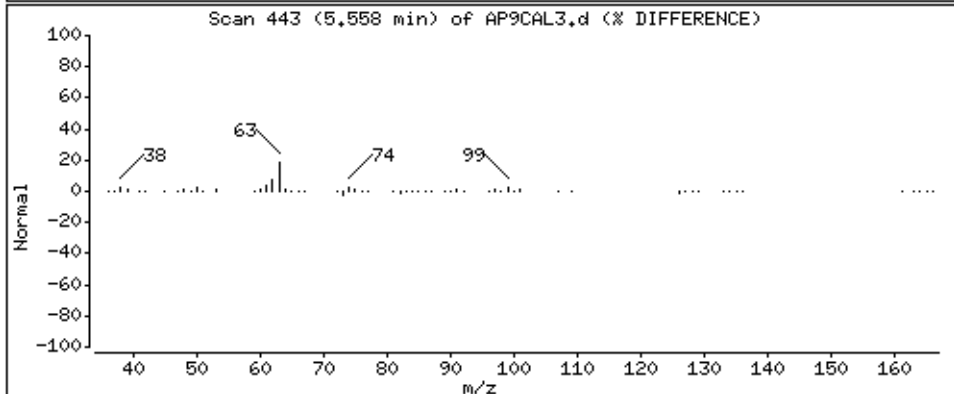
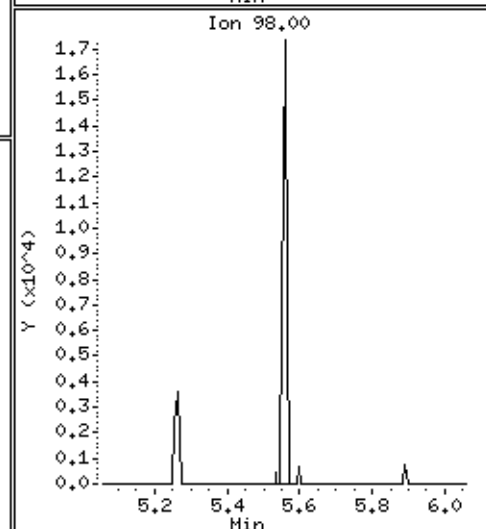
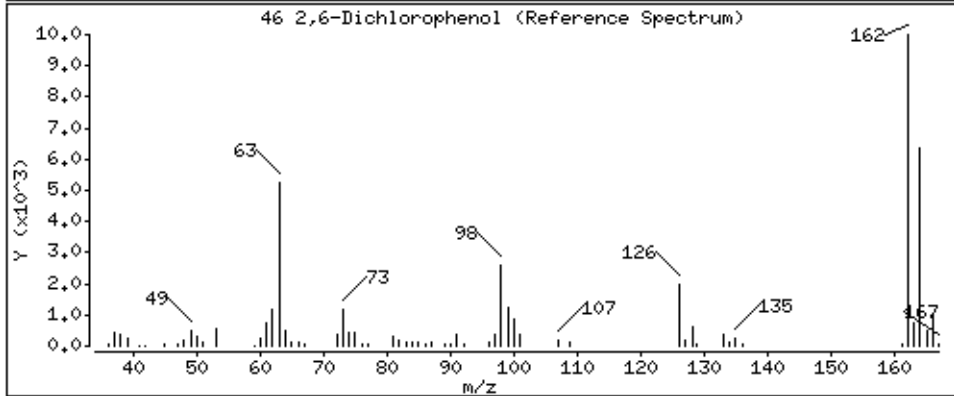
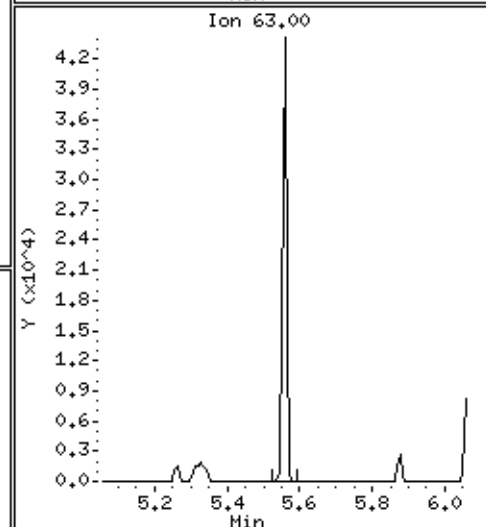
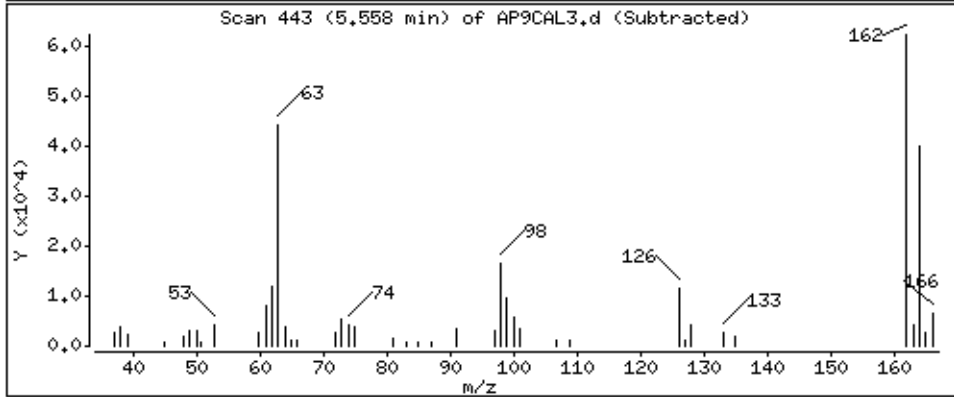
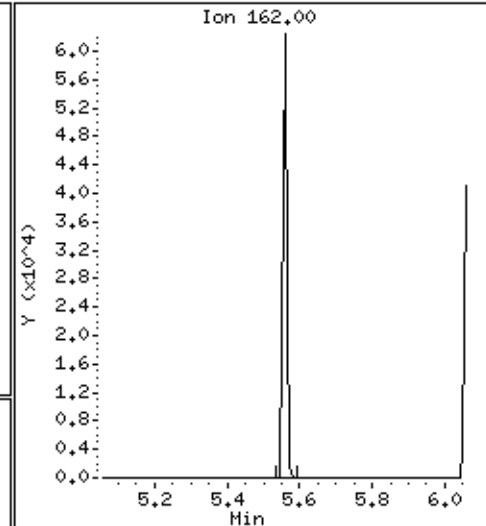
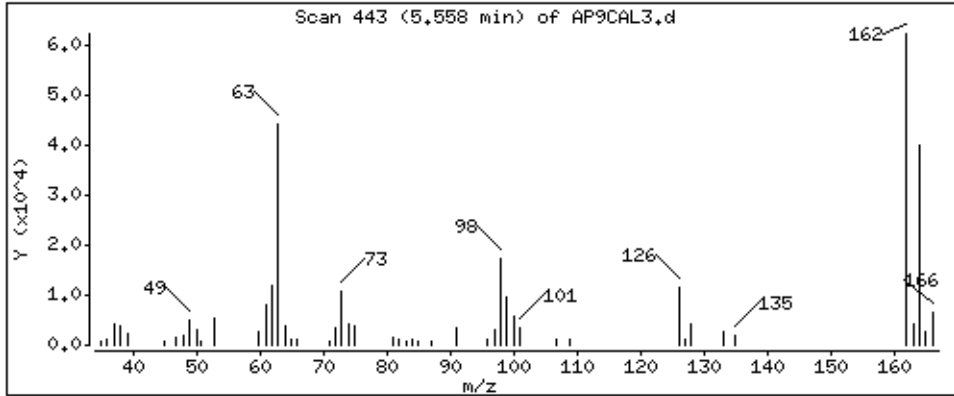
Operator: MJ

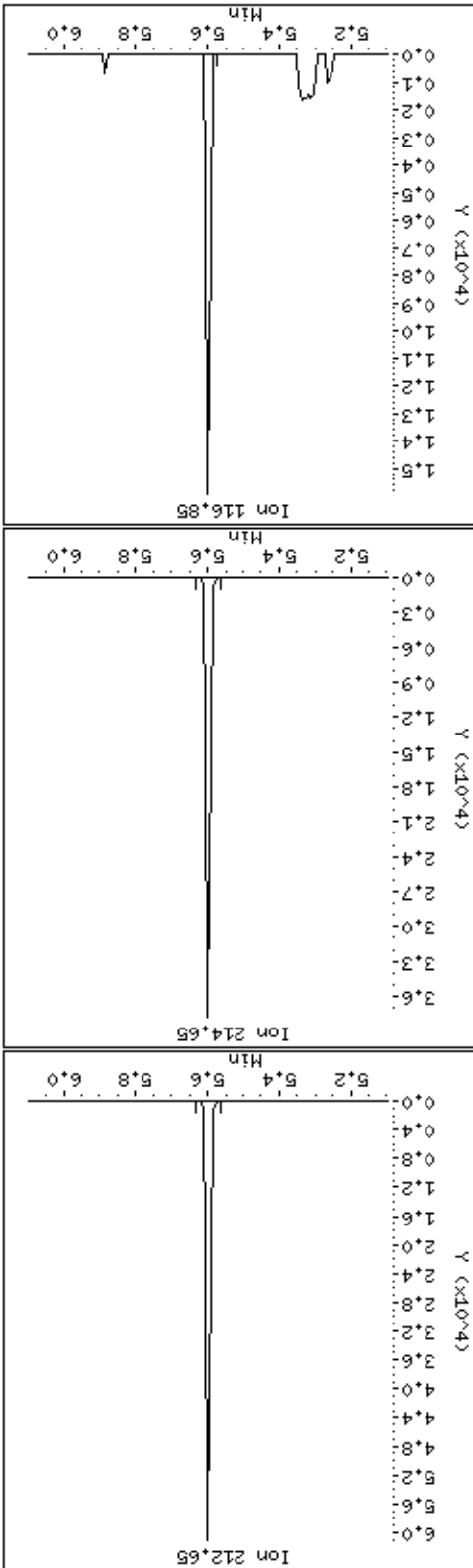
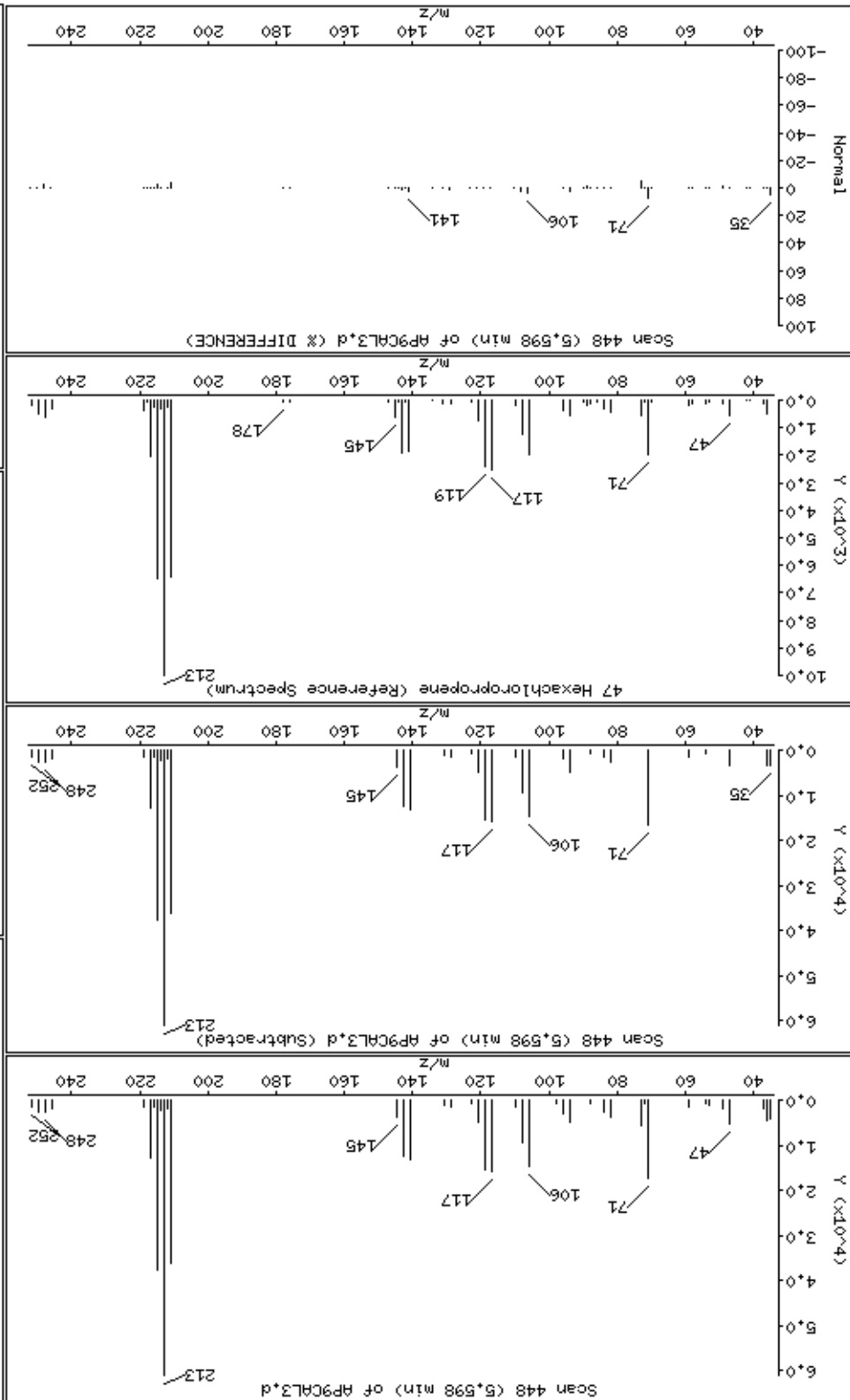
Column phase: HPMS-5

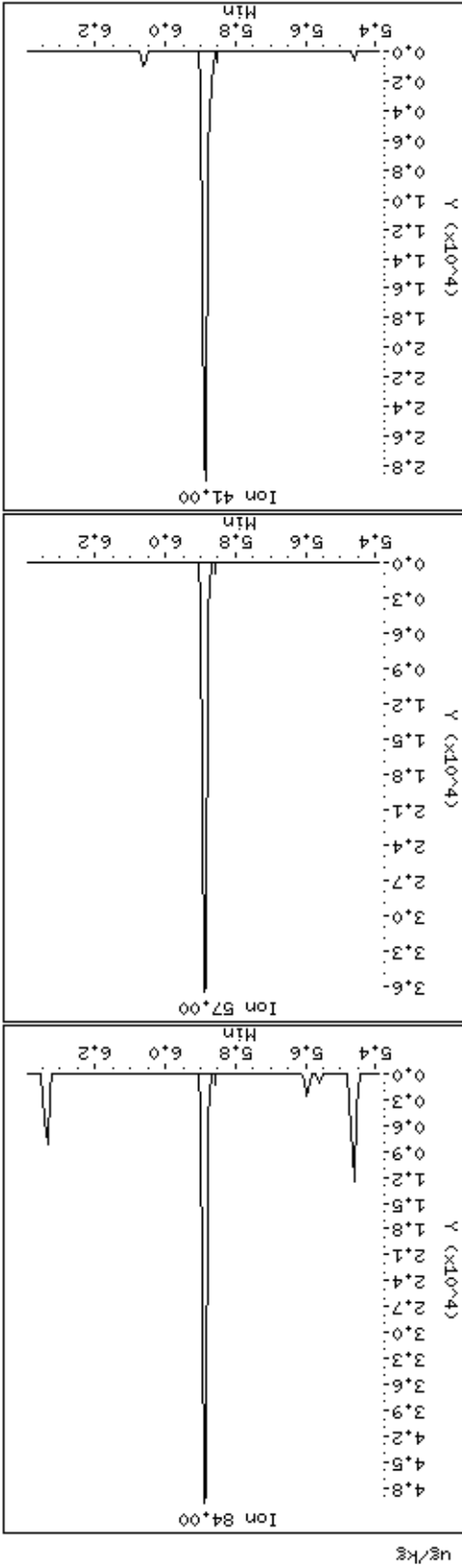
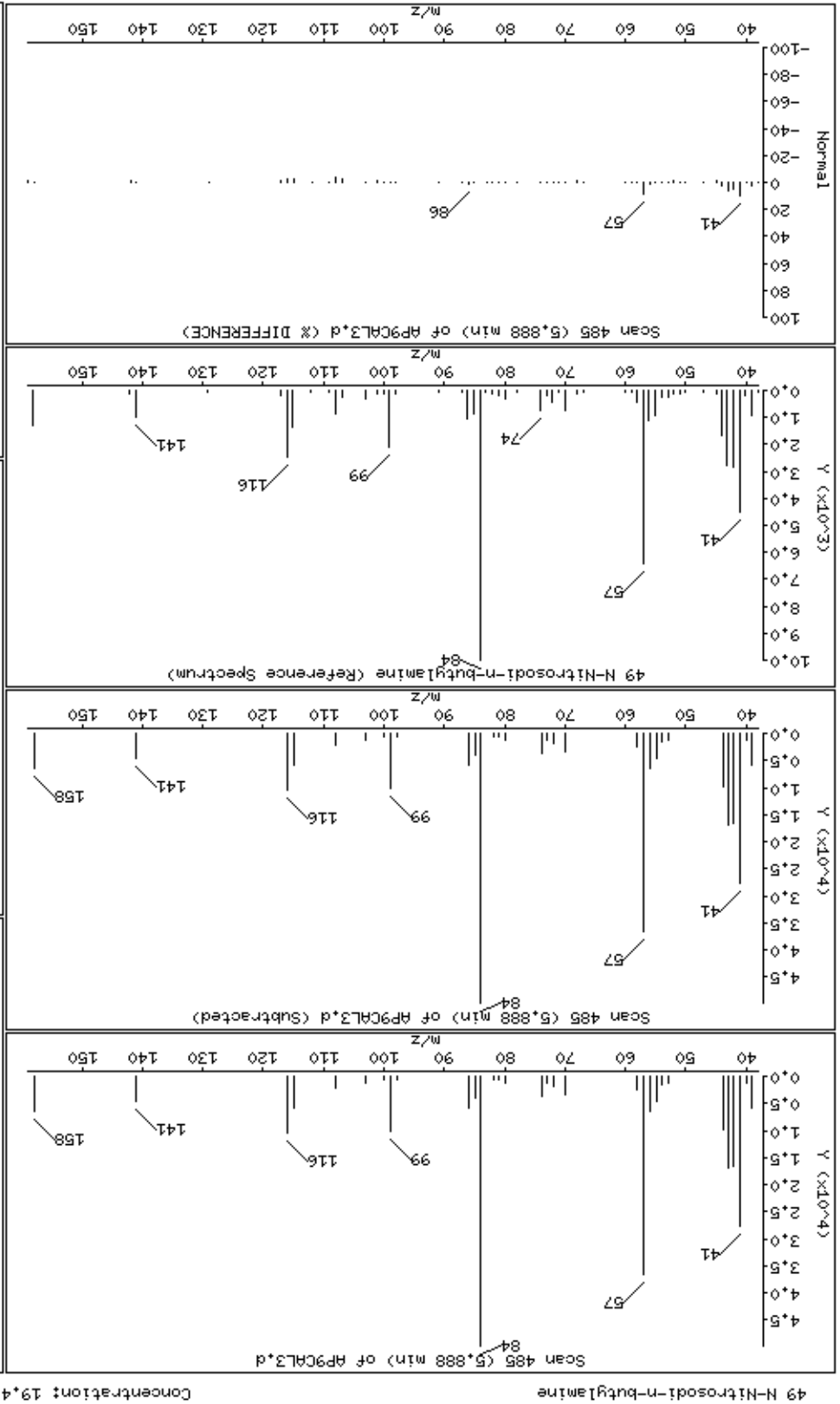
Column diameter: 0,25

46 2,6-Dichlorophenol

Concentration: 19,3 ug/kg









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Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

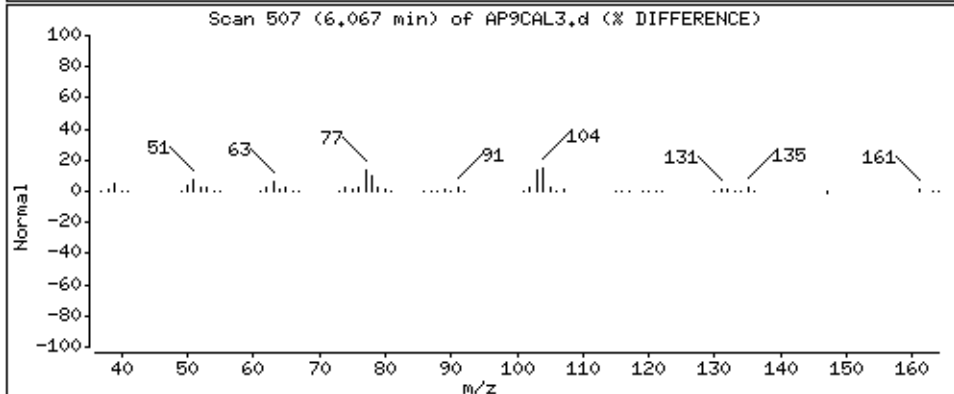
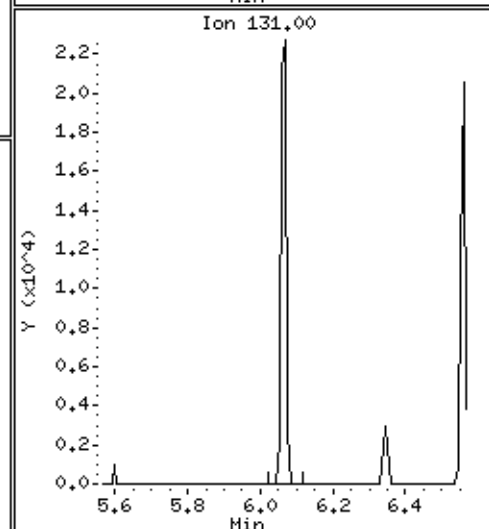
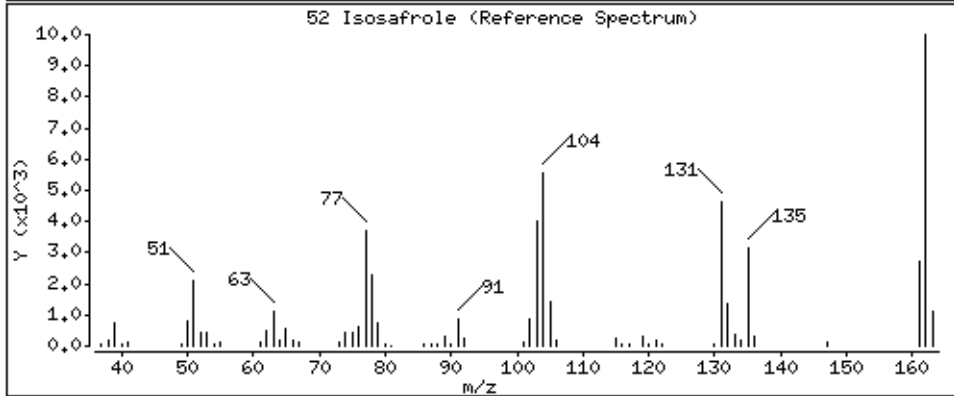
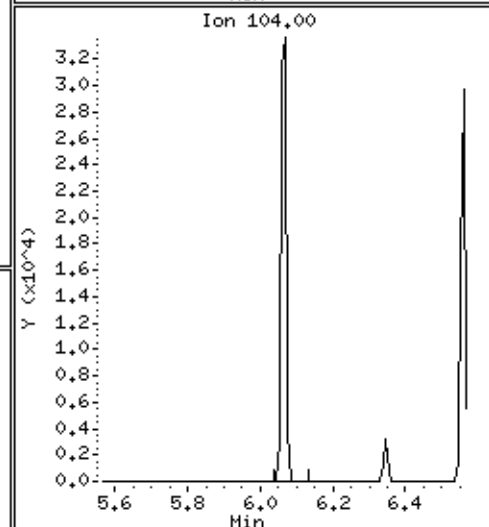
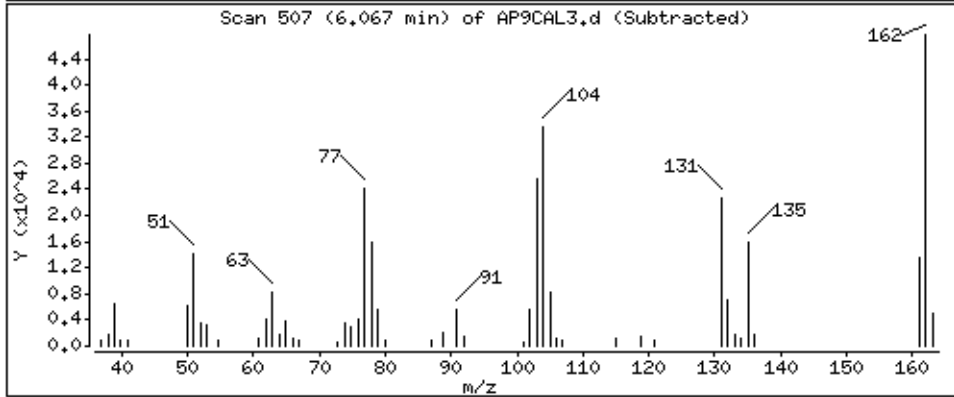
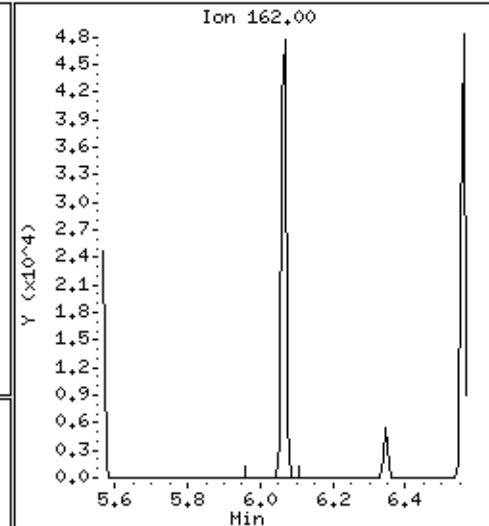
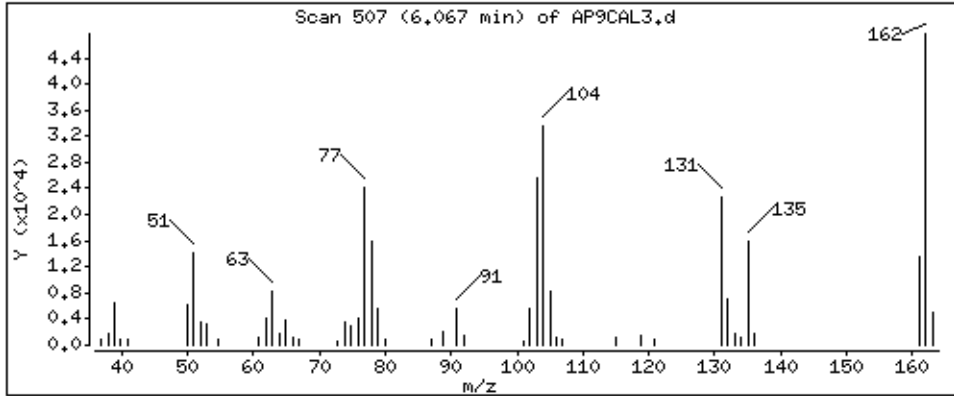
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

52 Isosafrole

Concentration: 19,2 ug/kg



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

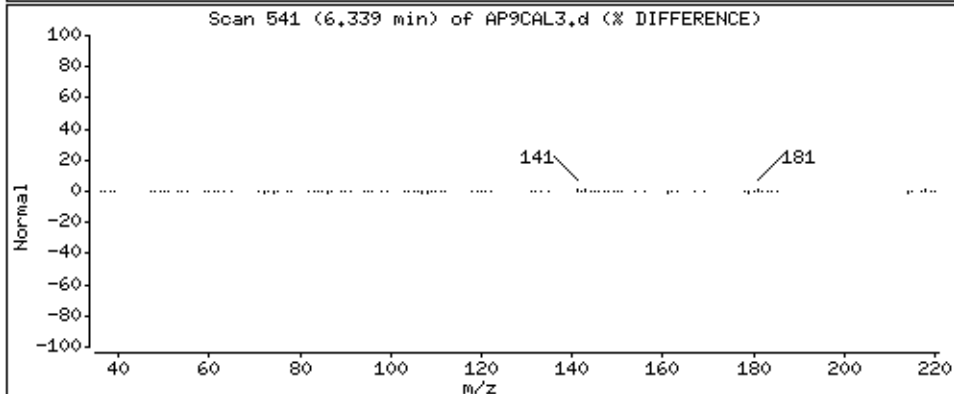
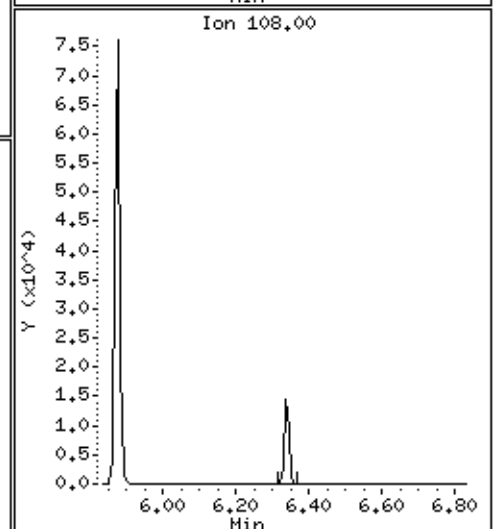
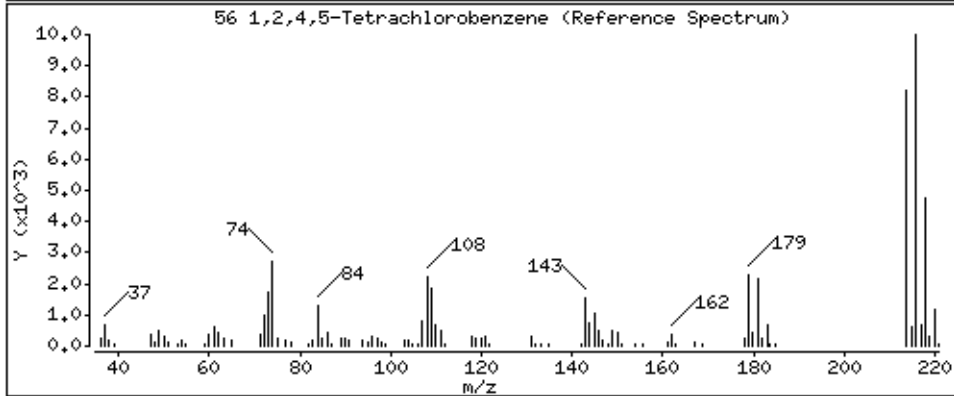
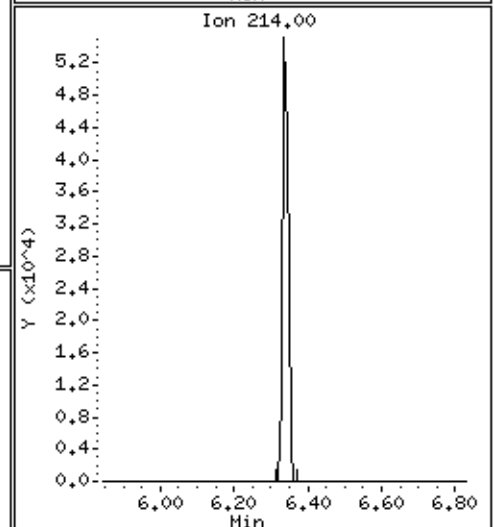
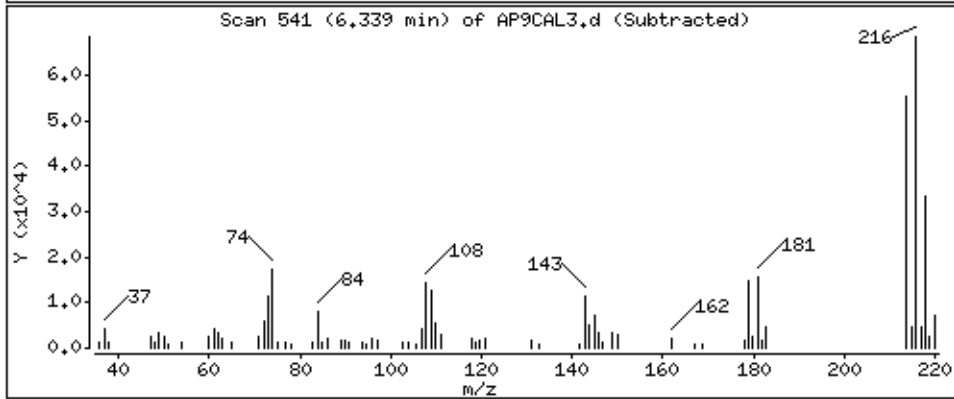
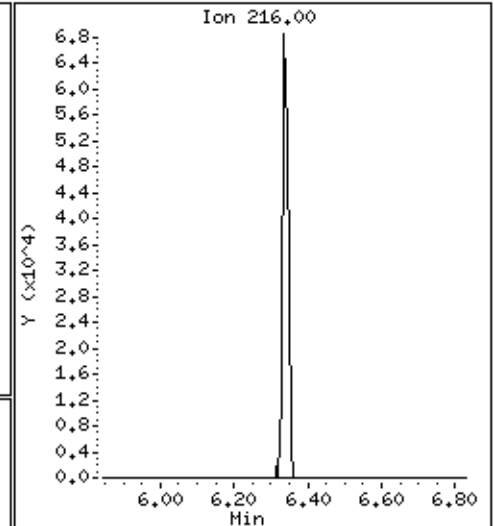
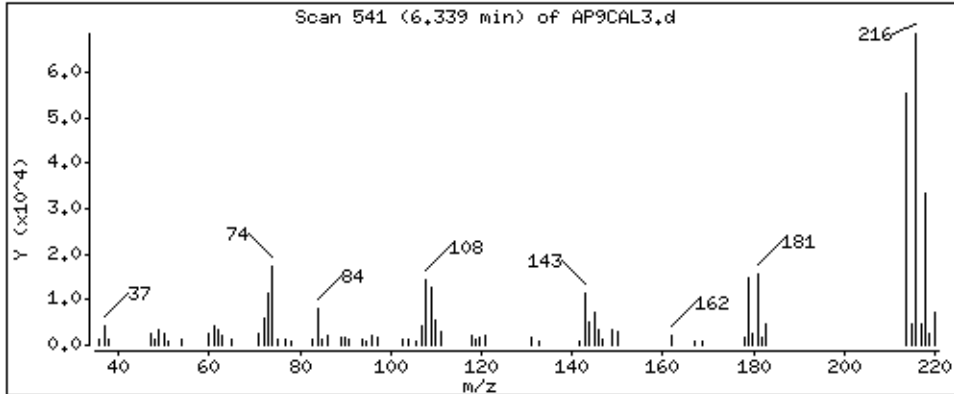
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

56 1,2,4,5-Tetrachlorobenzene

Concentration: 19,5 ug/kg



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

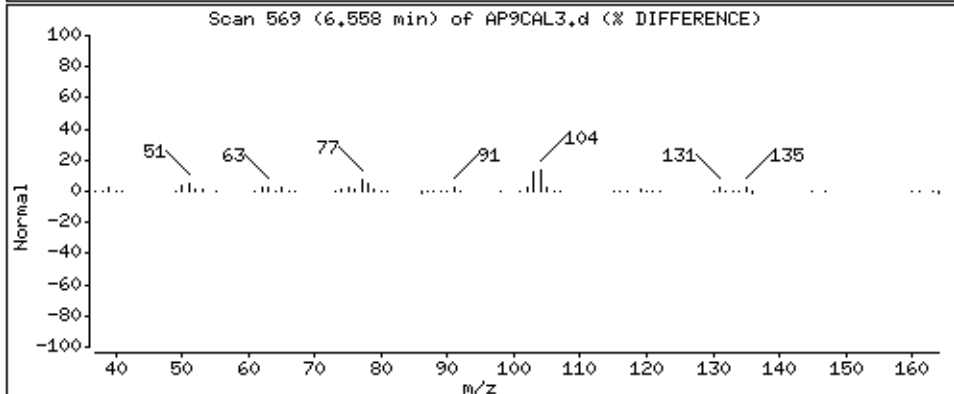
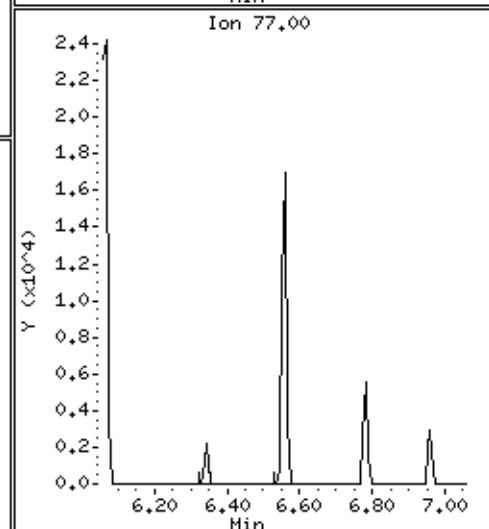
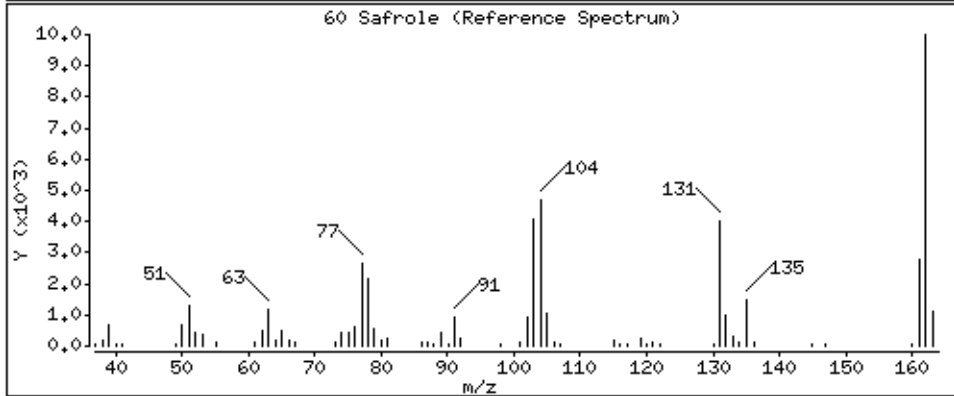
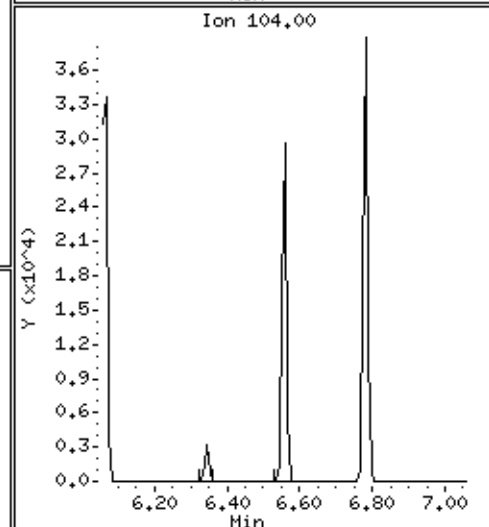
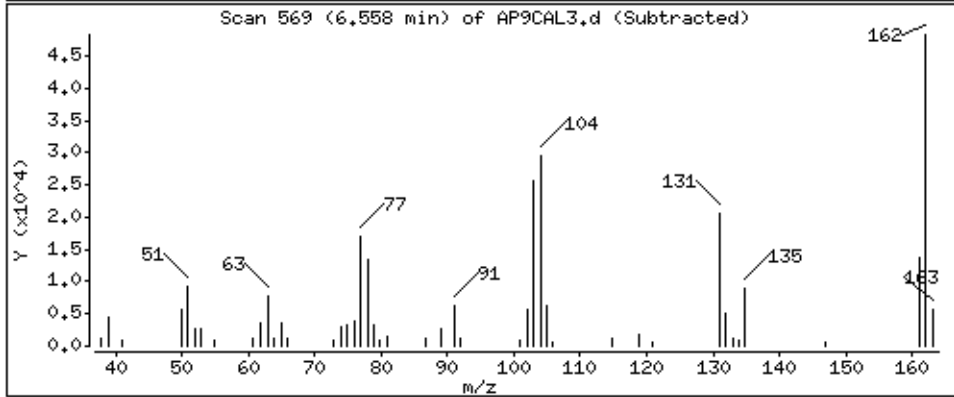
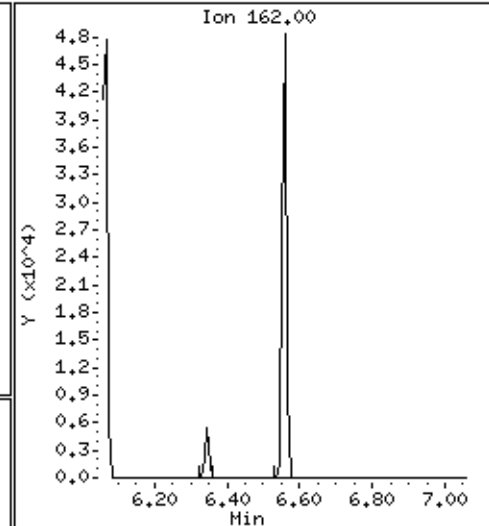
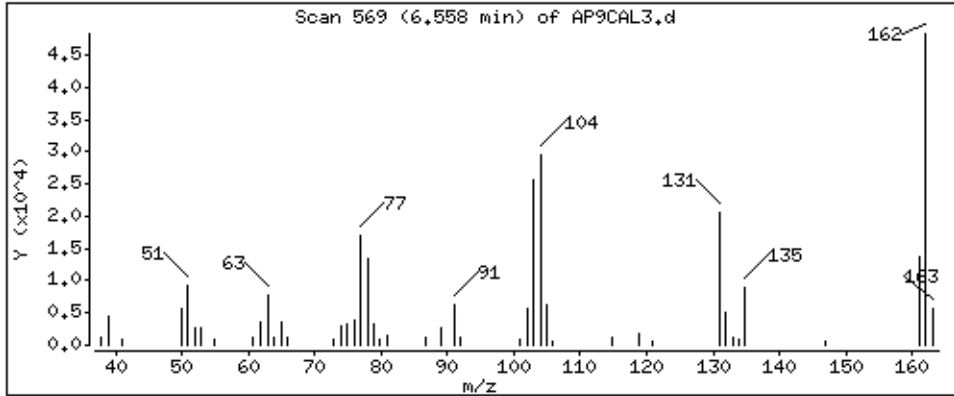
Operator: MJ

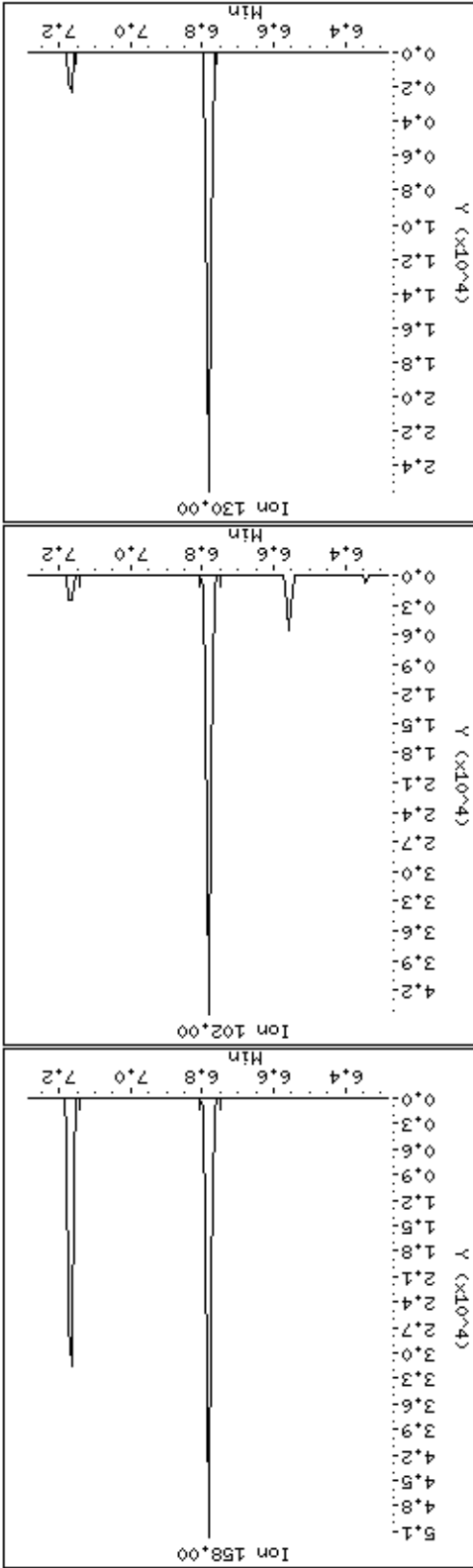
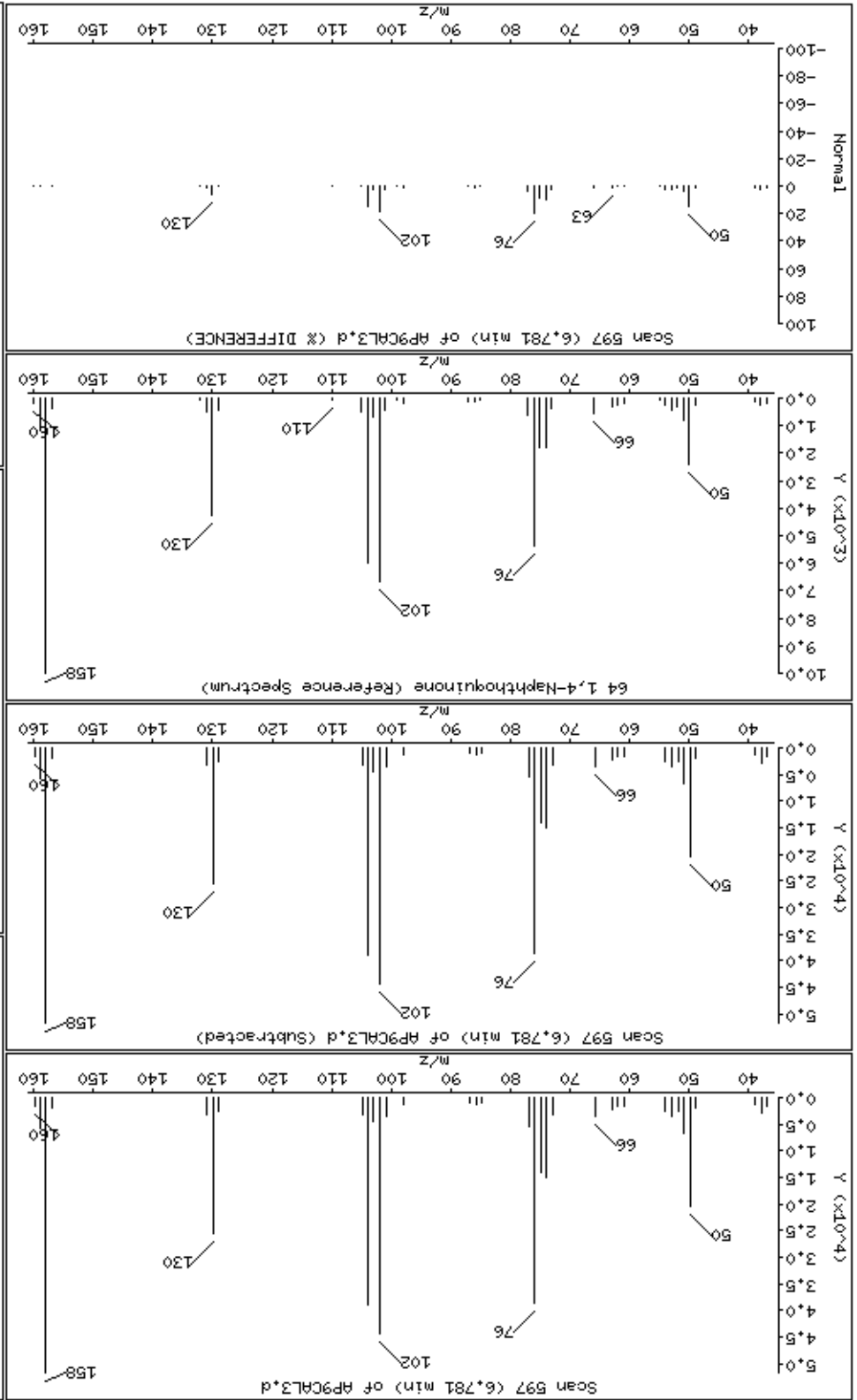
Column phase: HPMS-5

Column diameter: 0,25

60 Safrole

Concentration: 19,1 ug/kg





Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

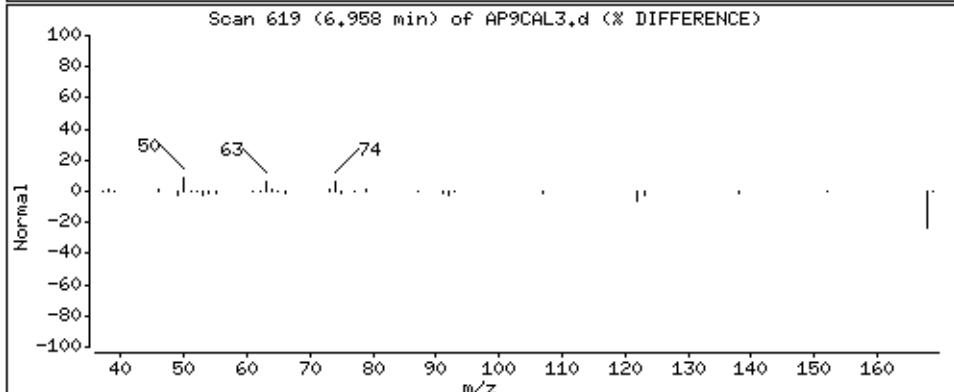
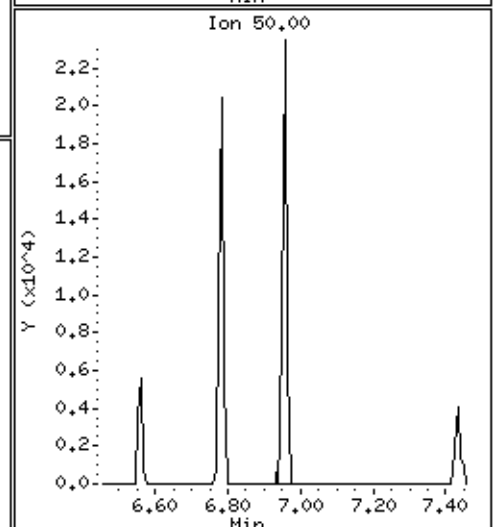
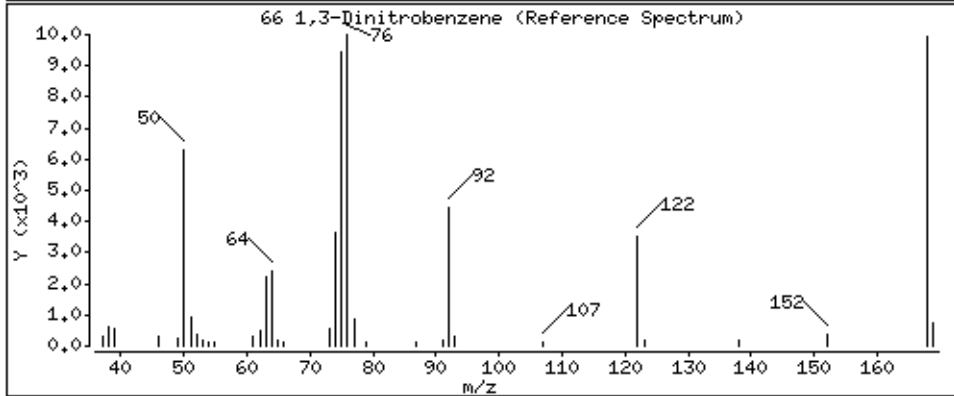
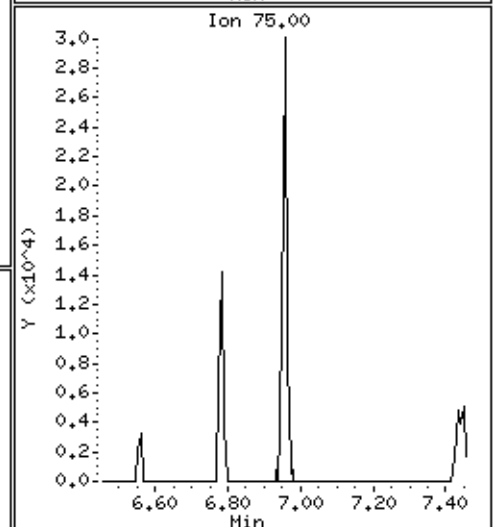
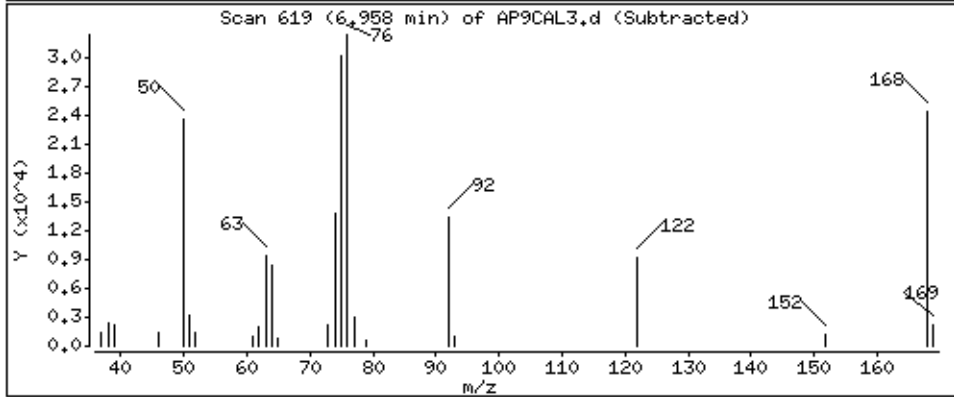
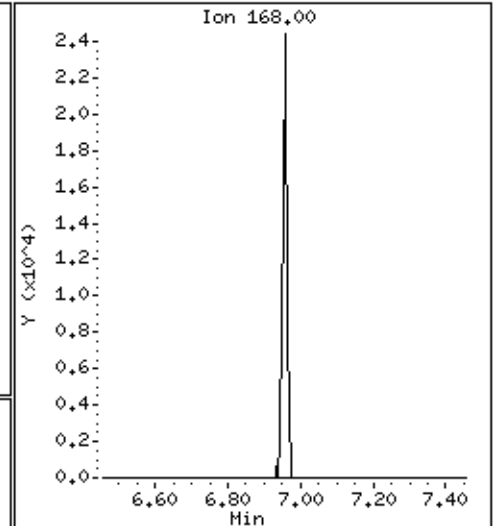
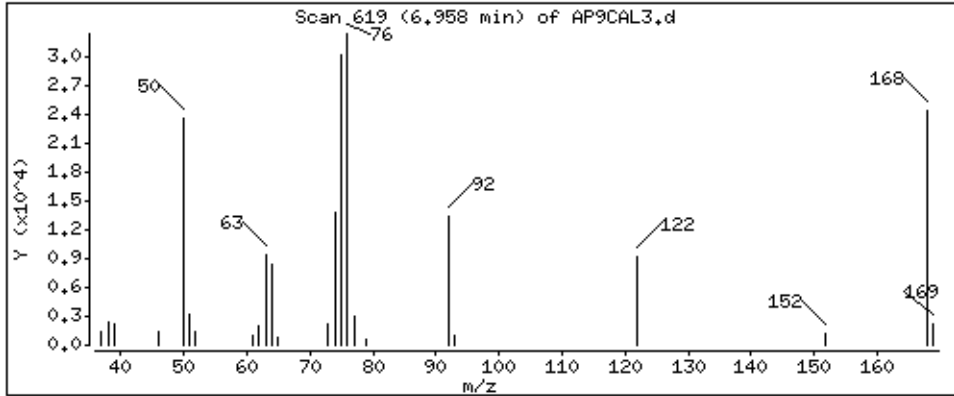
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

66 1,3-Dinitrobenzene

Concentration: 19,5 ug/kg



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

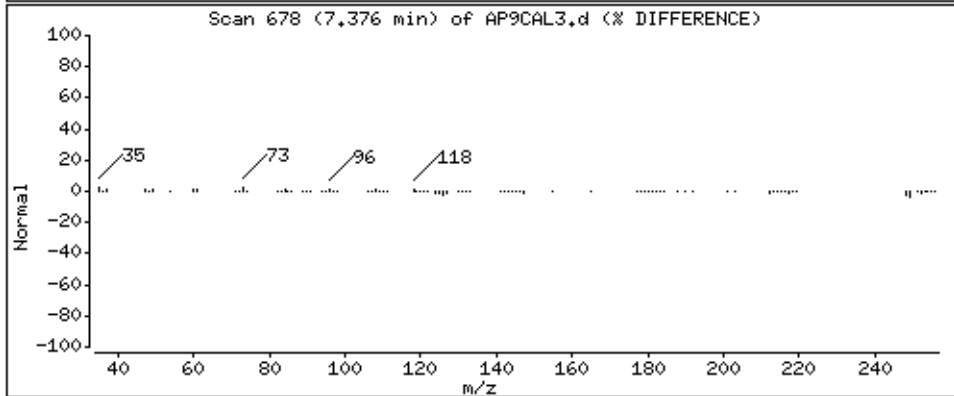
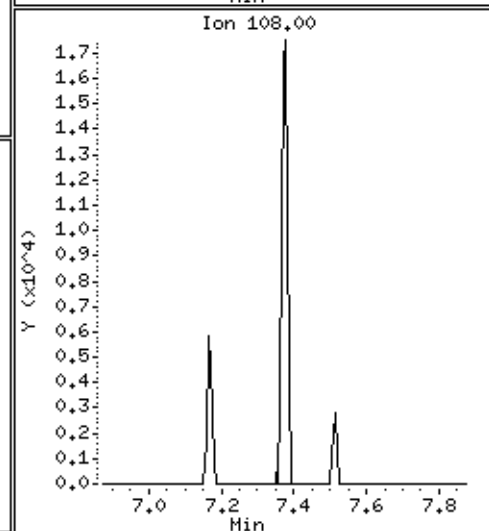
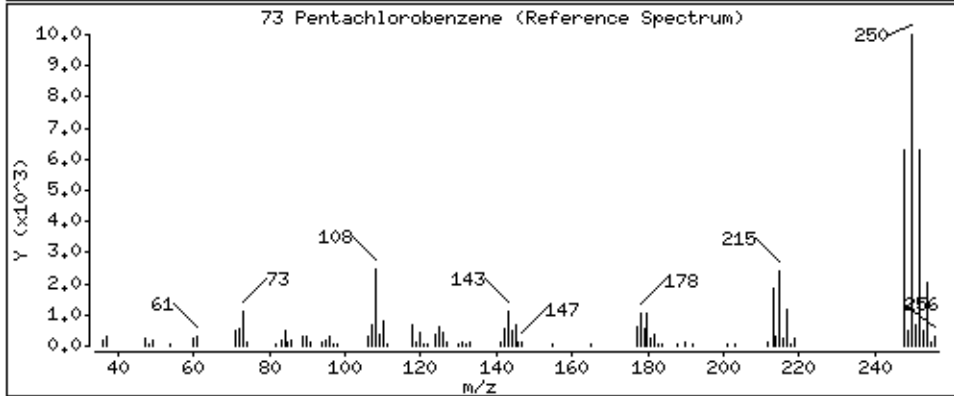
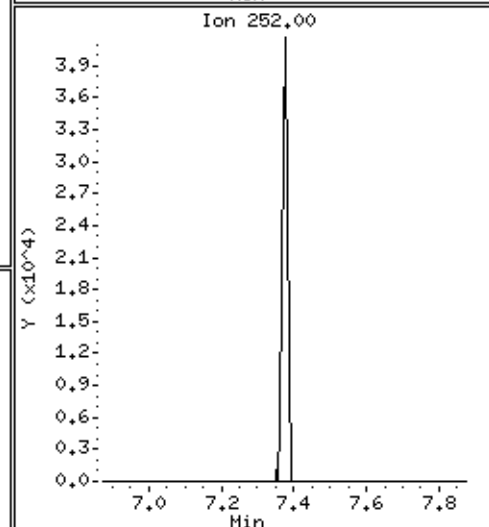
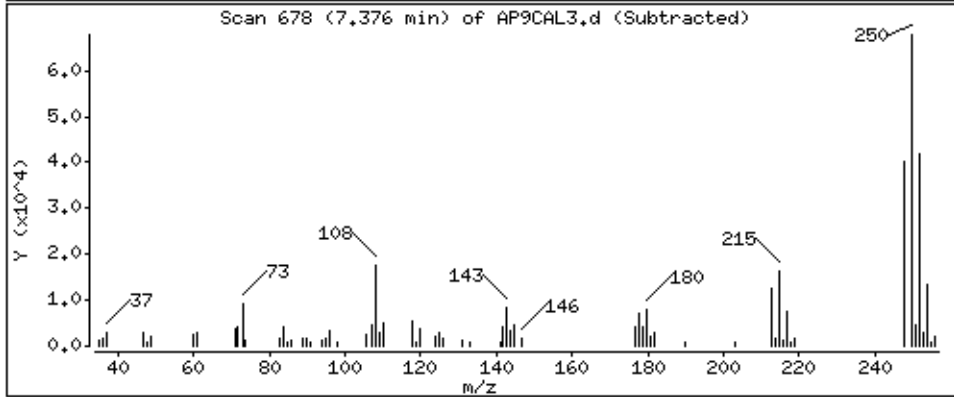
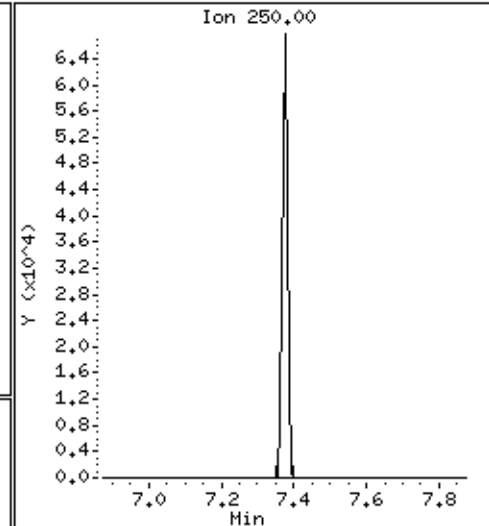
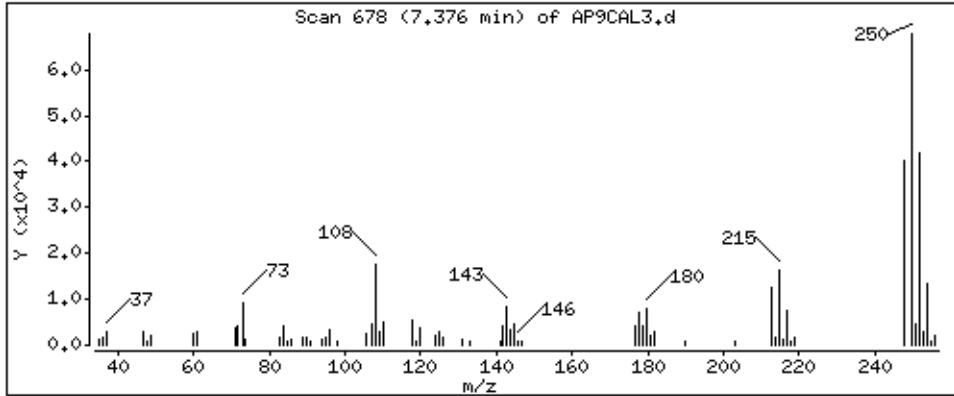
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

73 Pentachlorobenzene

Concentration: 19.4 ug/kg



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

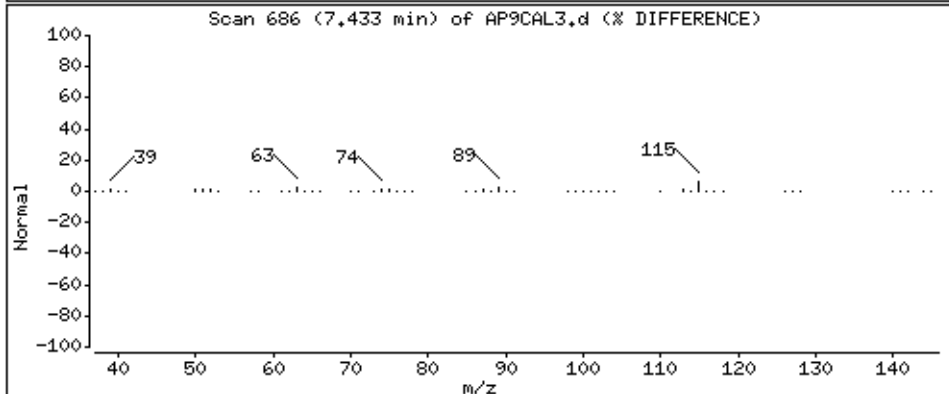
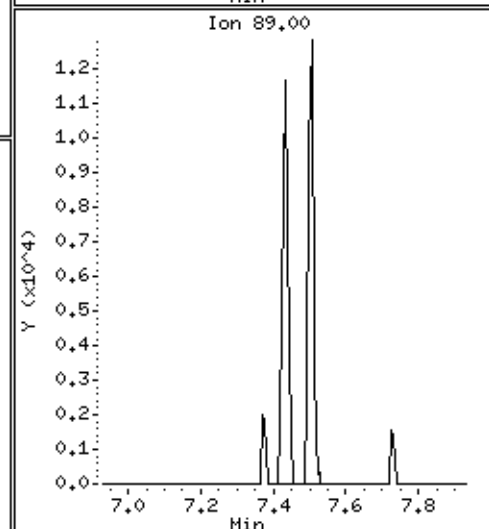
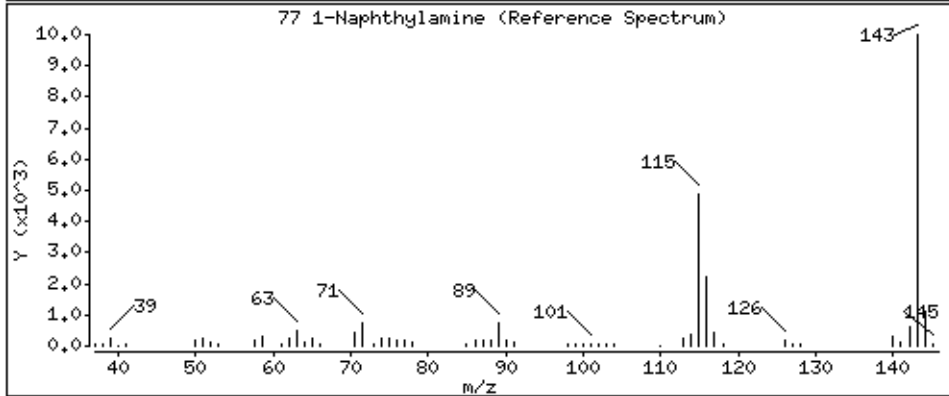
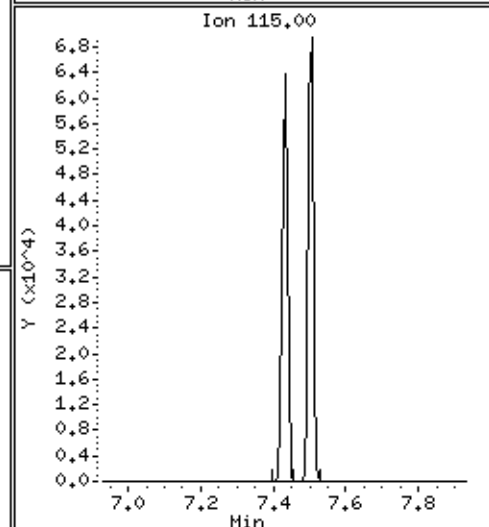
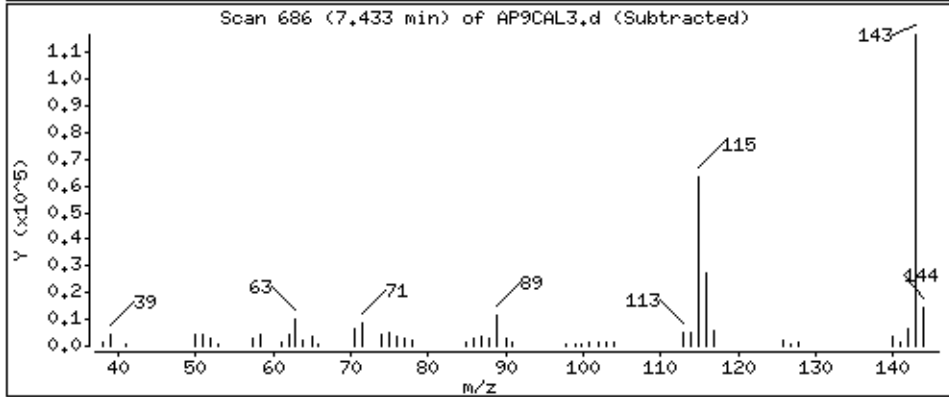
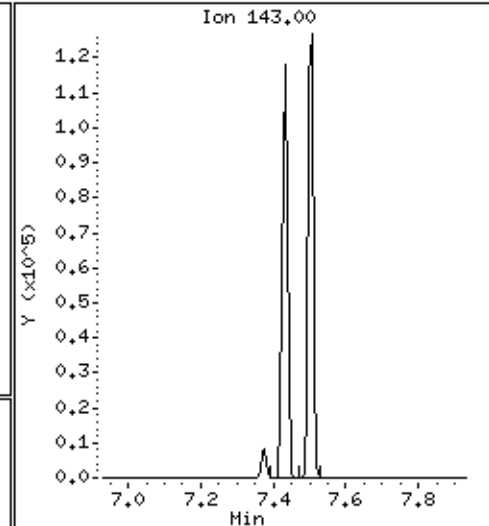
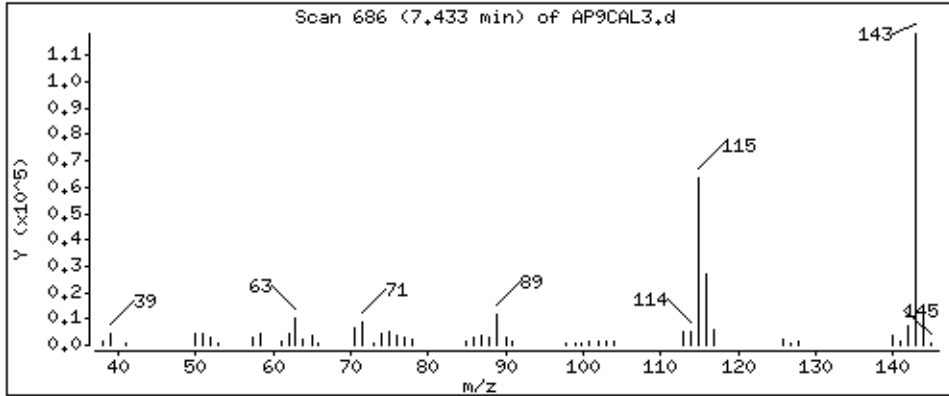
Operator: MJ

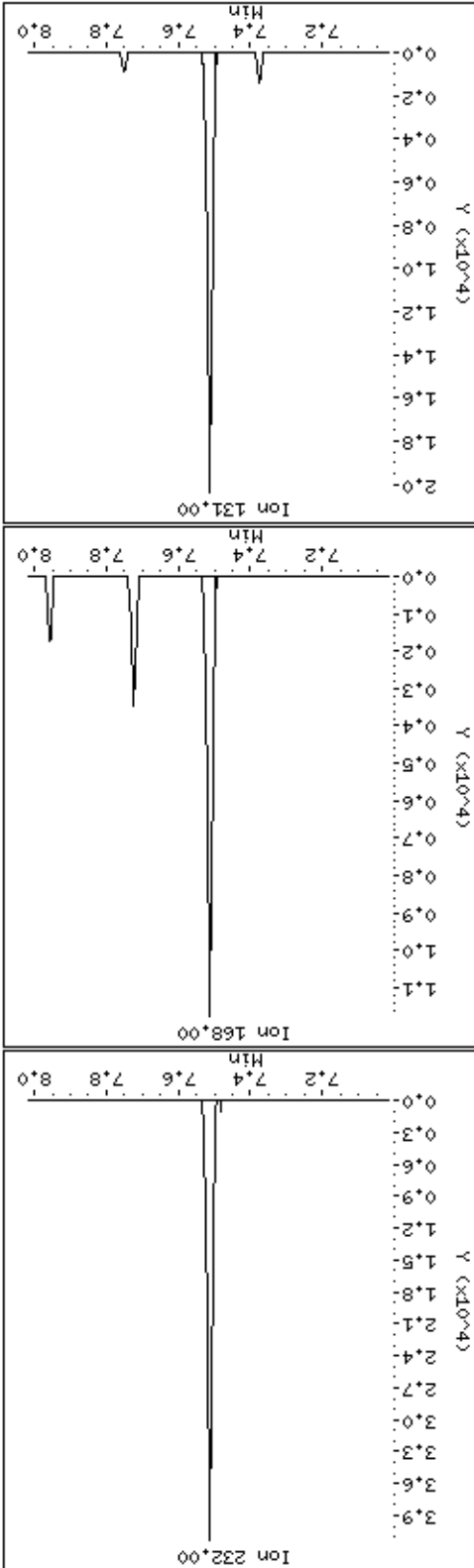
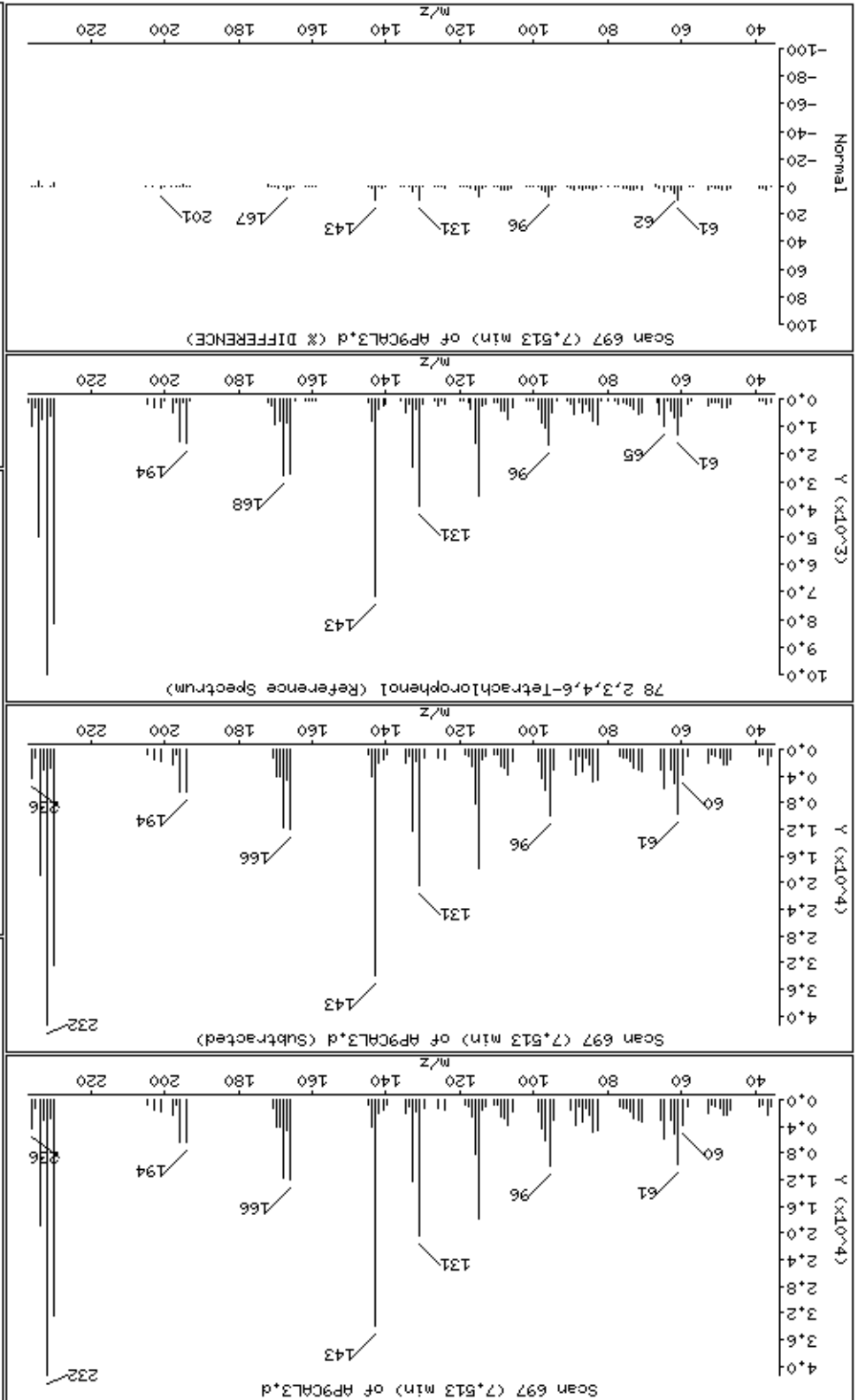
Column phase: HPMS-5

Column diameter: 0.25

77 1-Naphthylamine

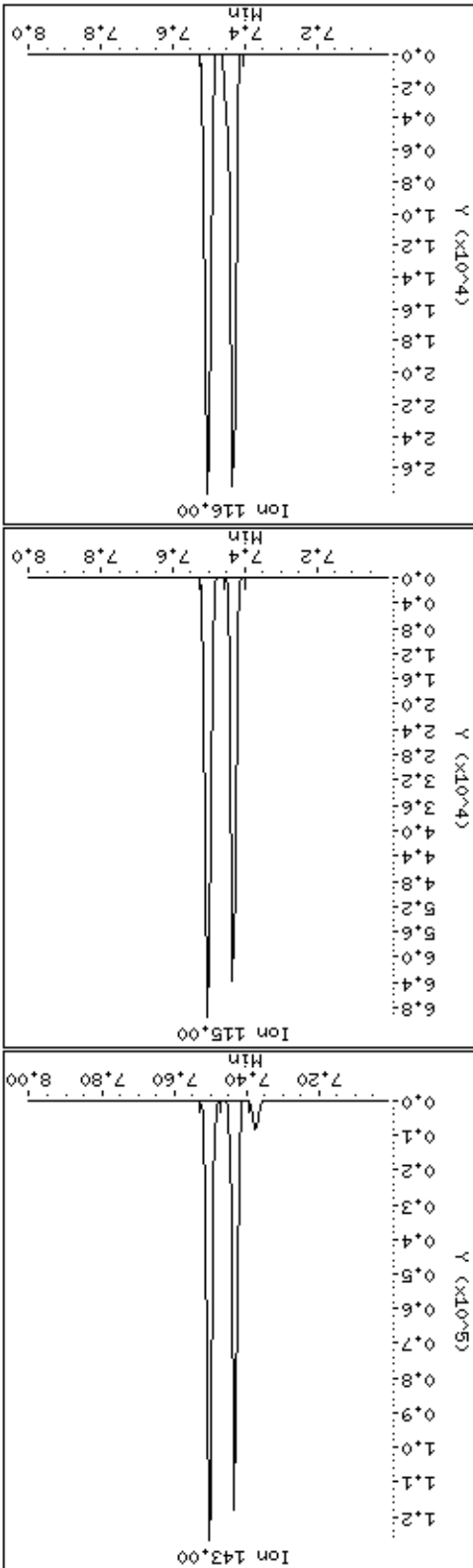
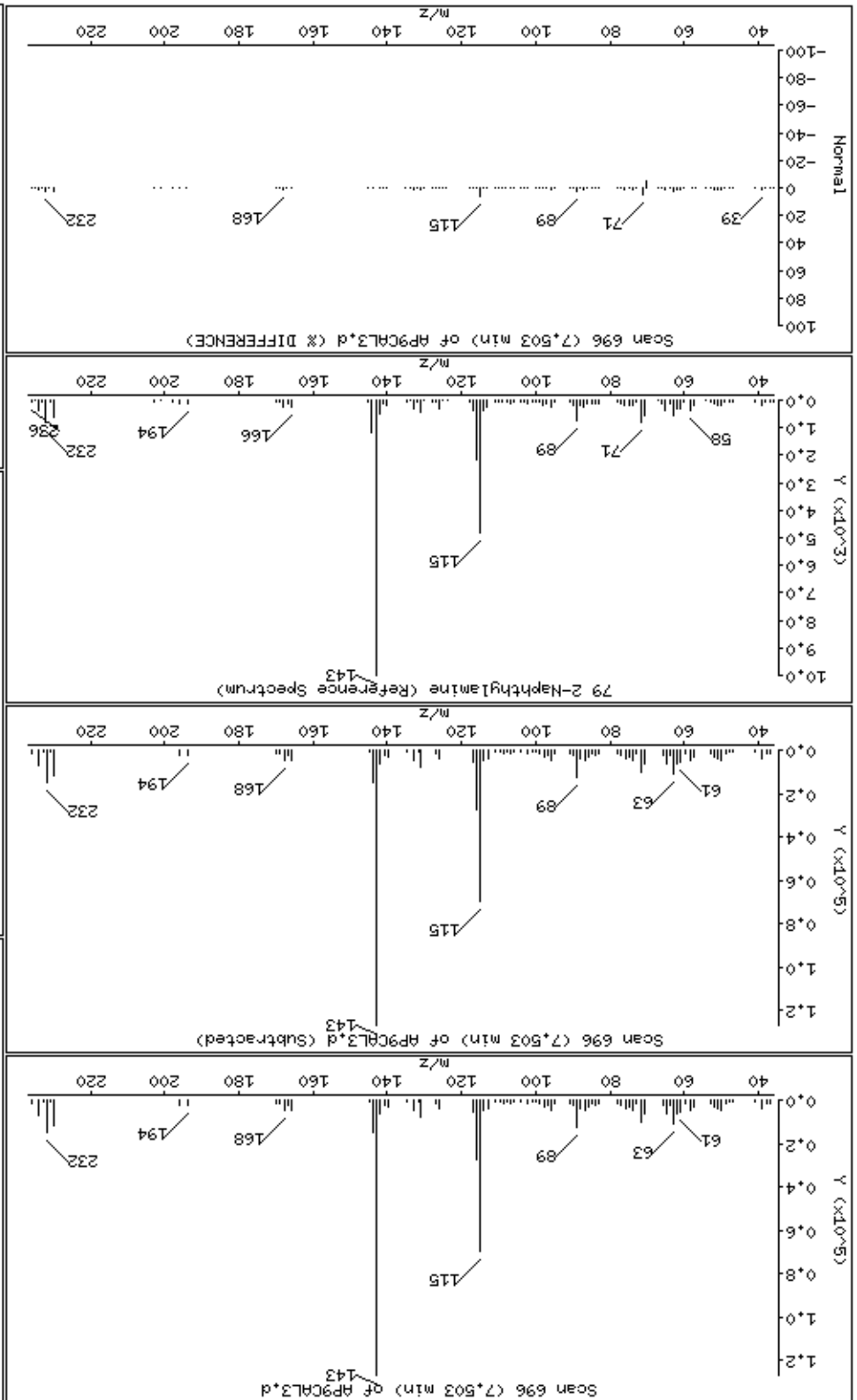
Concentration: 19.6 ug/kg







79 2-Naphthylamine



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Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

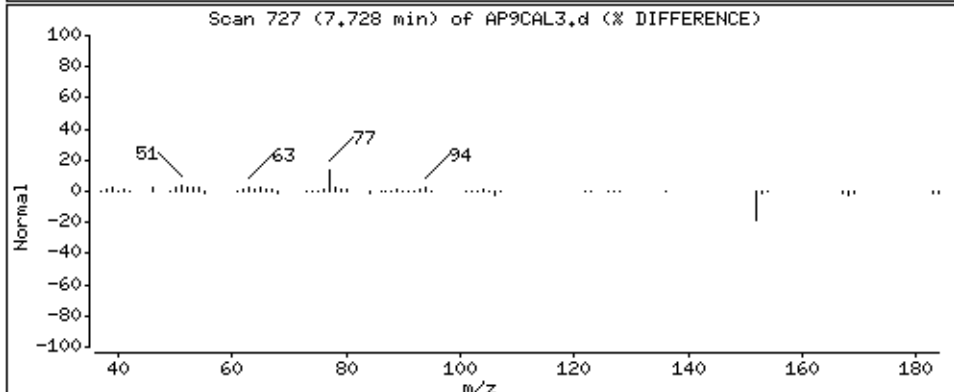
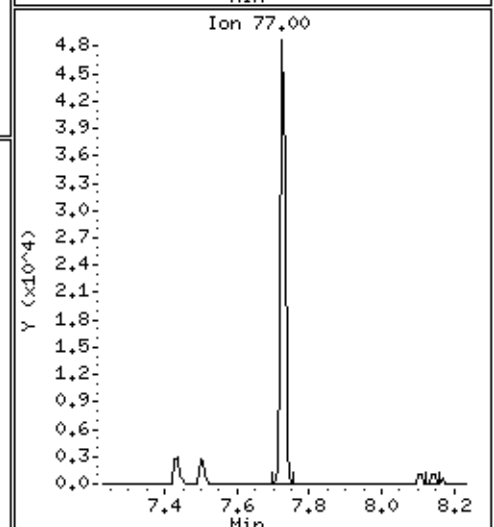
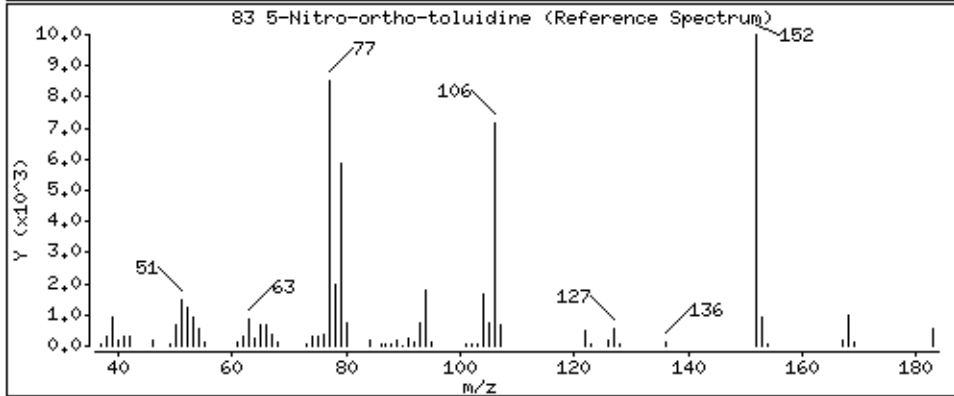
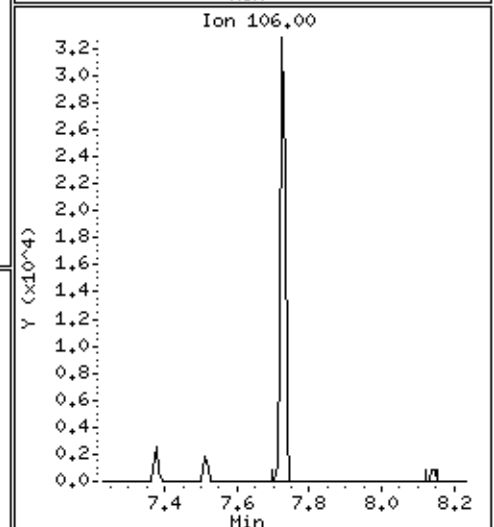
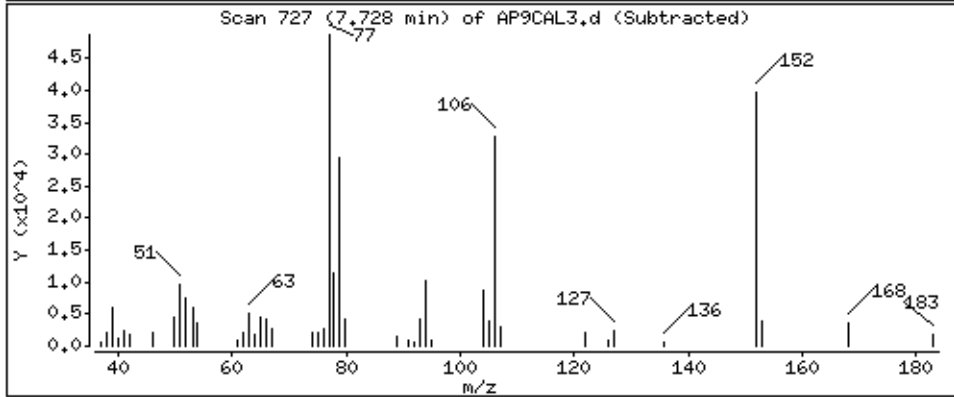
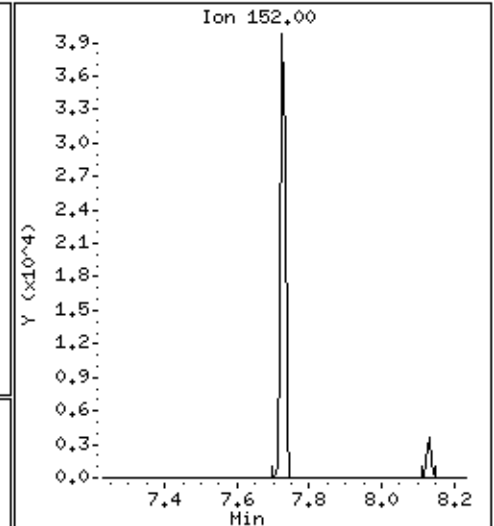
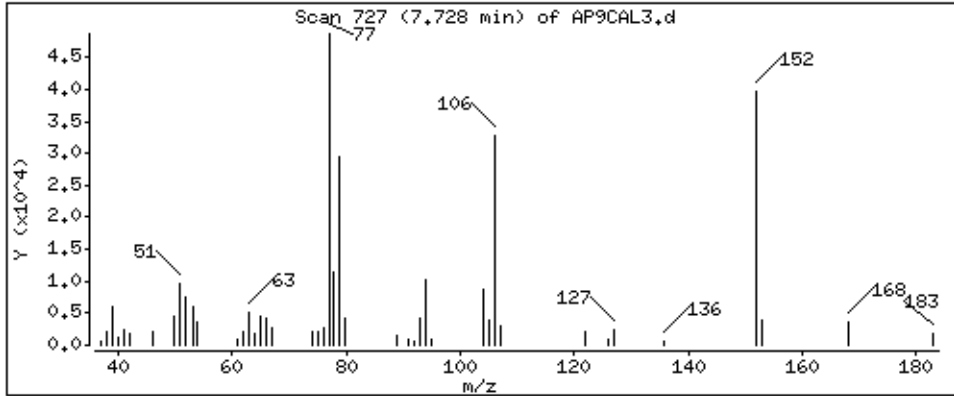
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

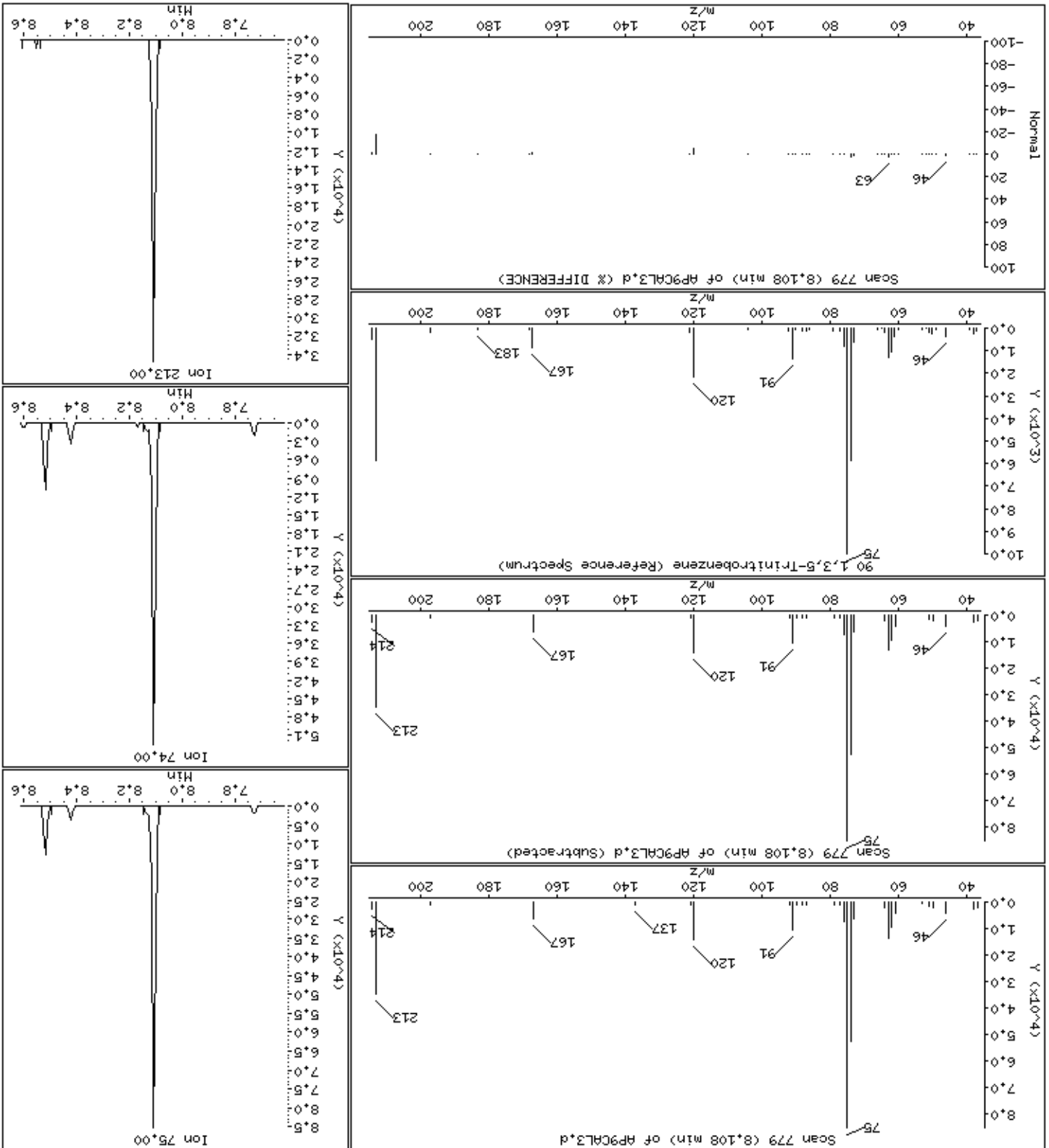
83 5-Nitro-ortho-toluidine

Concentration: 20,0 ug/kg



90 1,3,5-Trinitrobenzene

Column phase: HPMS-5



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

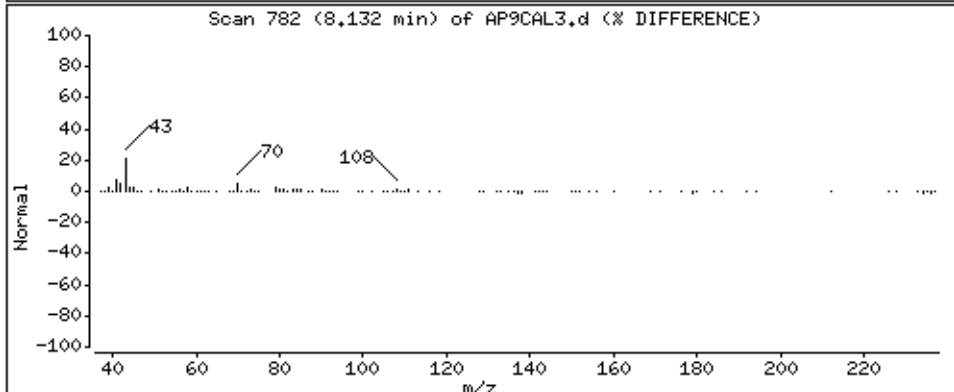
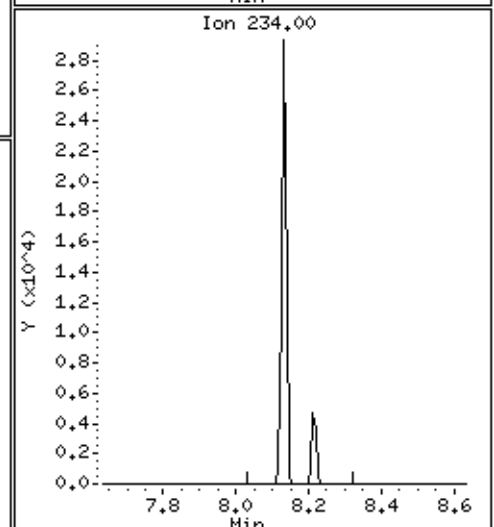
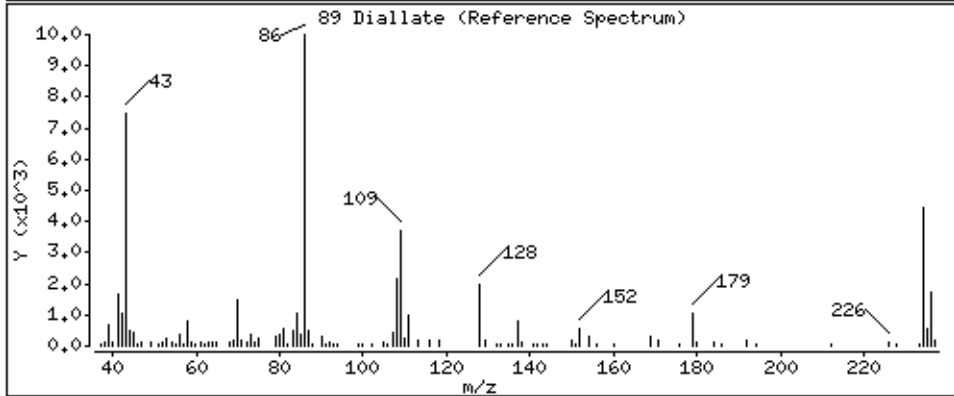
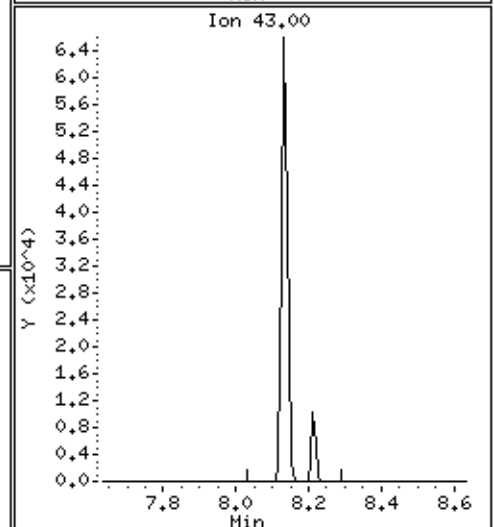
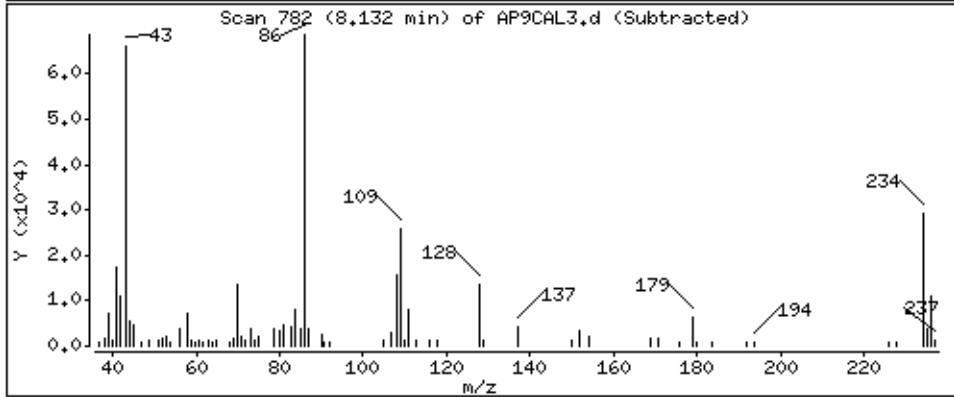
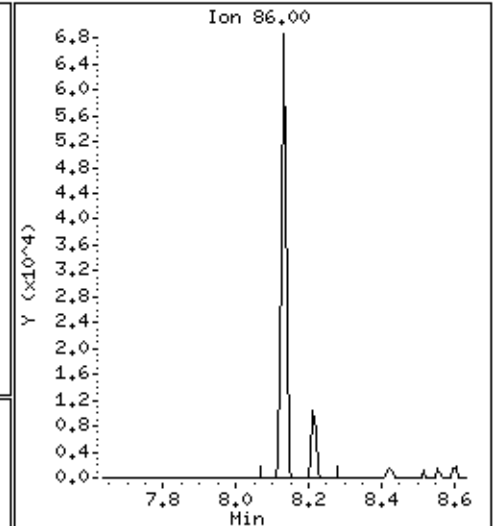
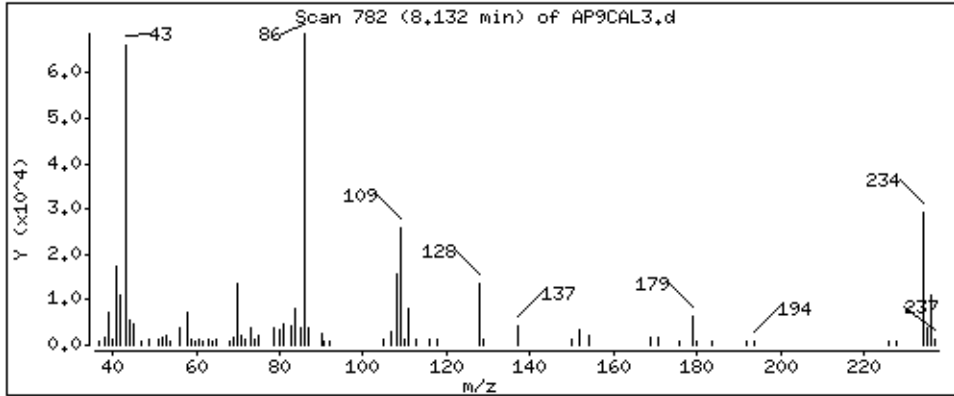
Operator: MJ

Column phase: HPMS-5

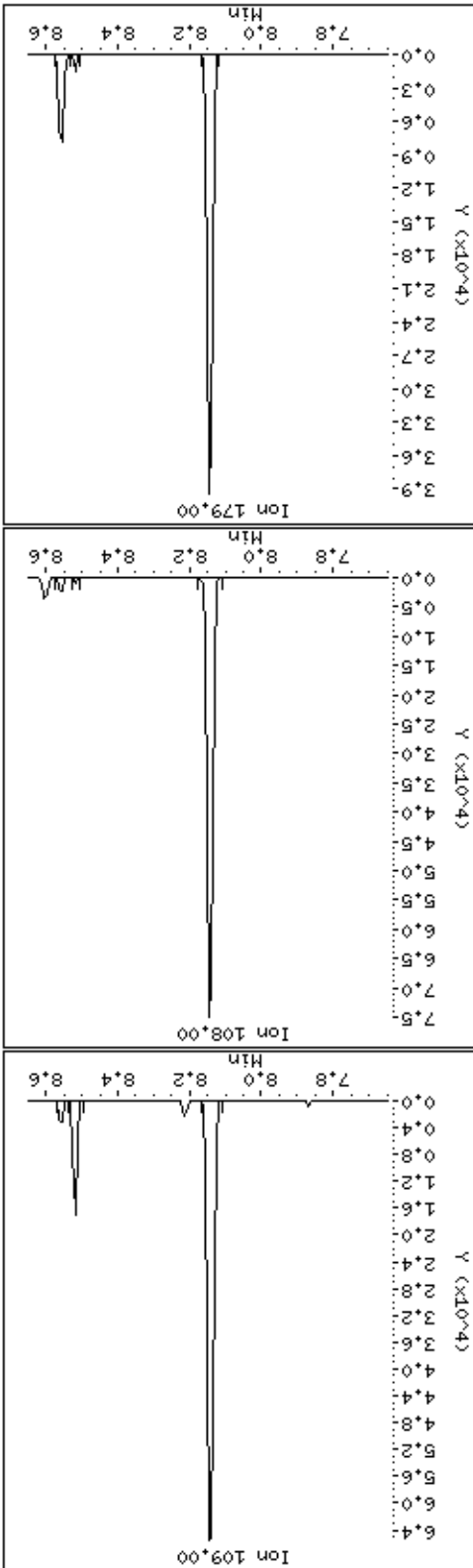
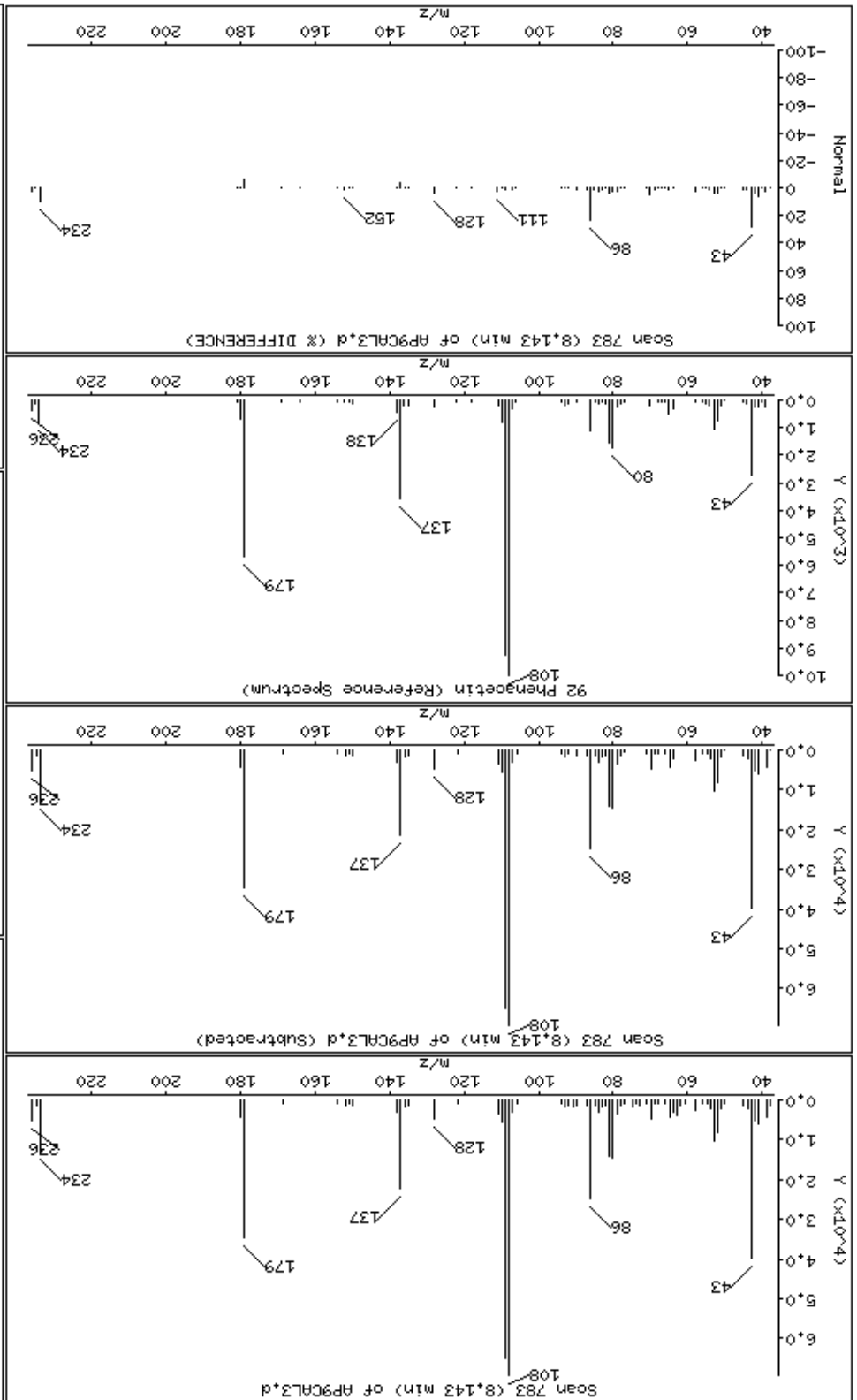
Column diameter: 0,25

89 Diallate

Concentration: 19,8 ug/kg



92 Phenacetin



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

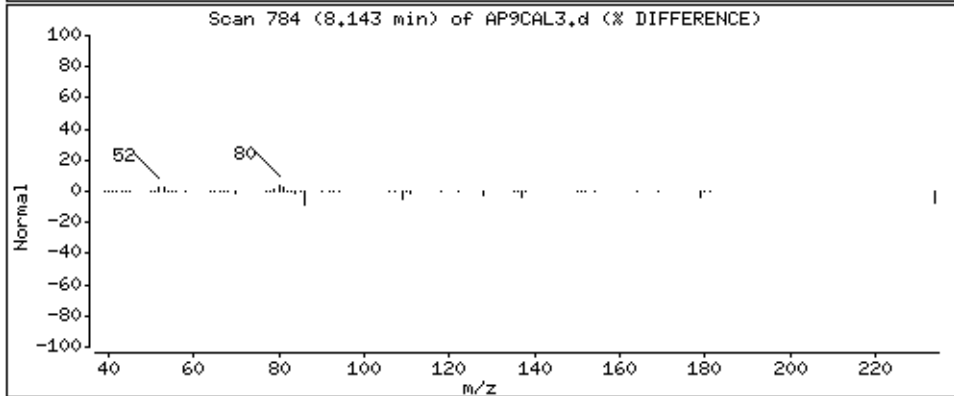
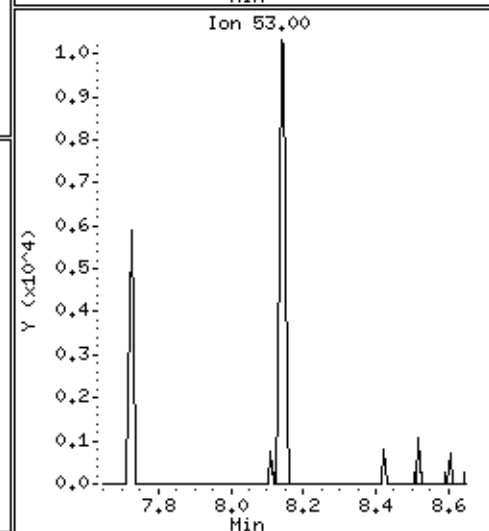
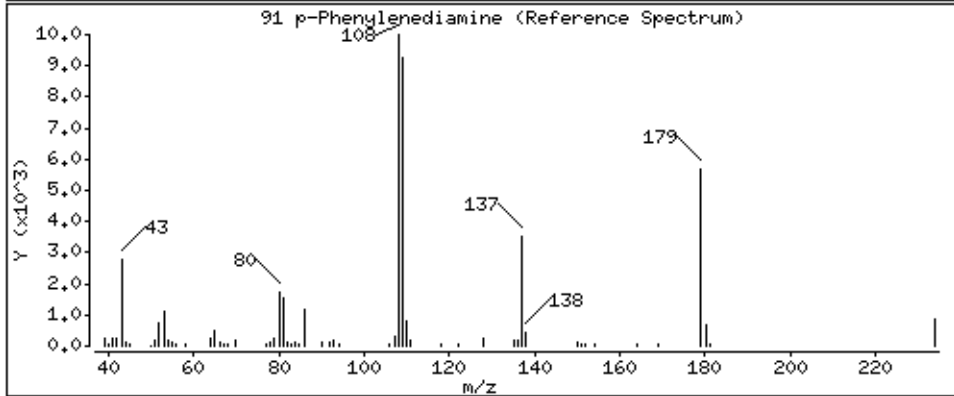
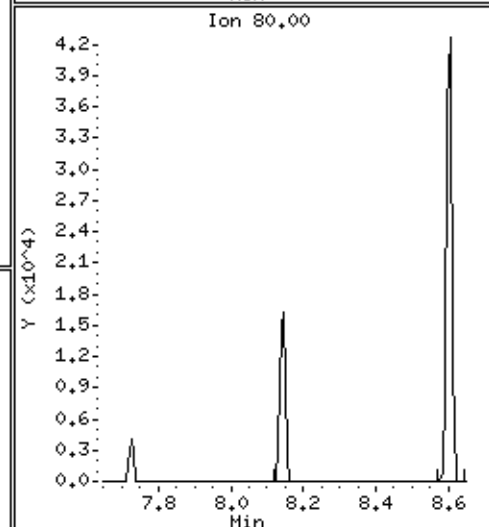
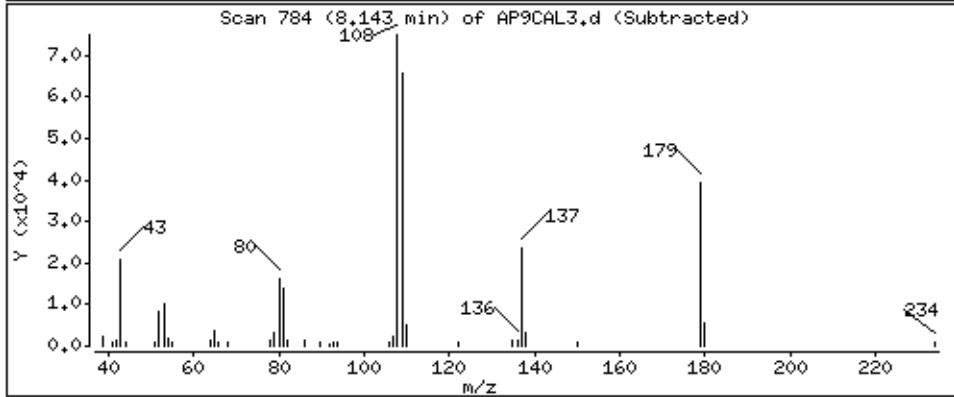
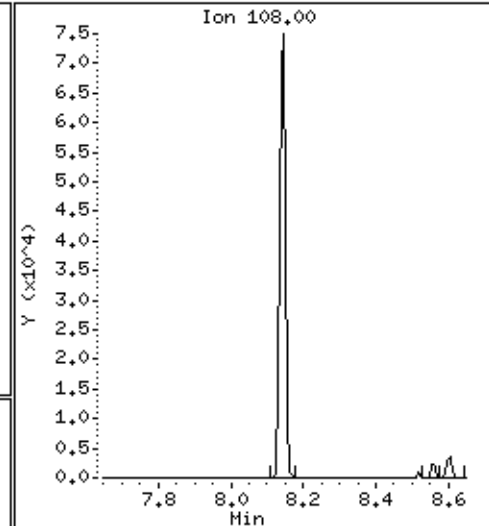
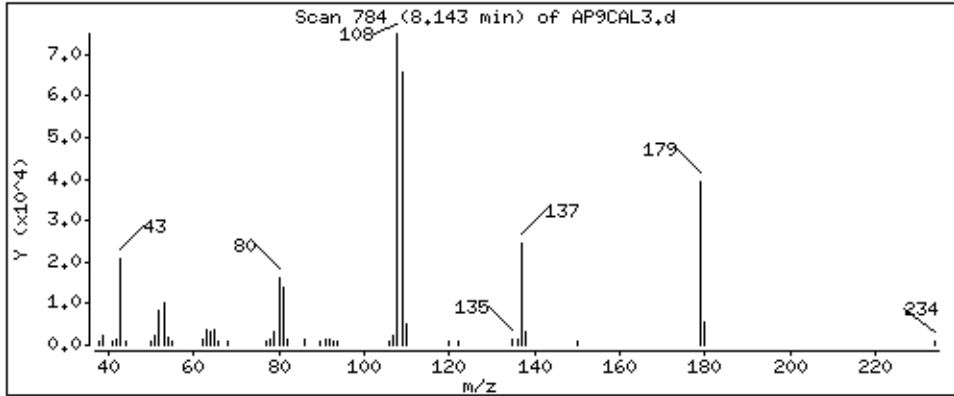
Operator: MJ

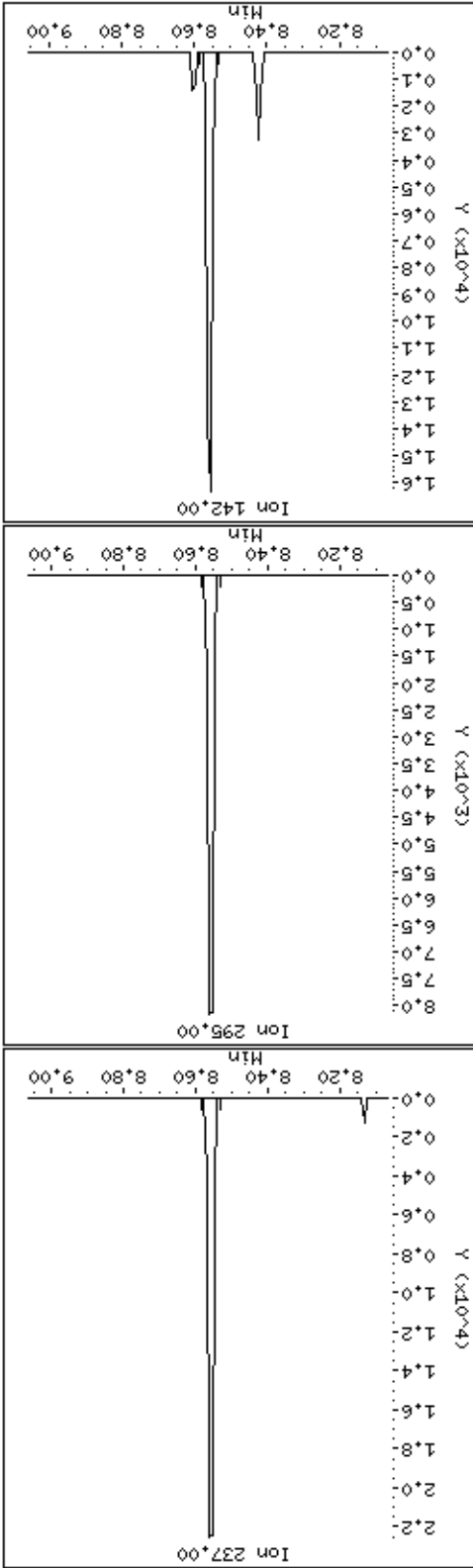
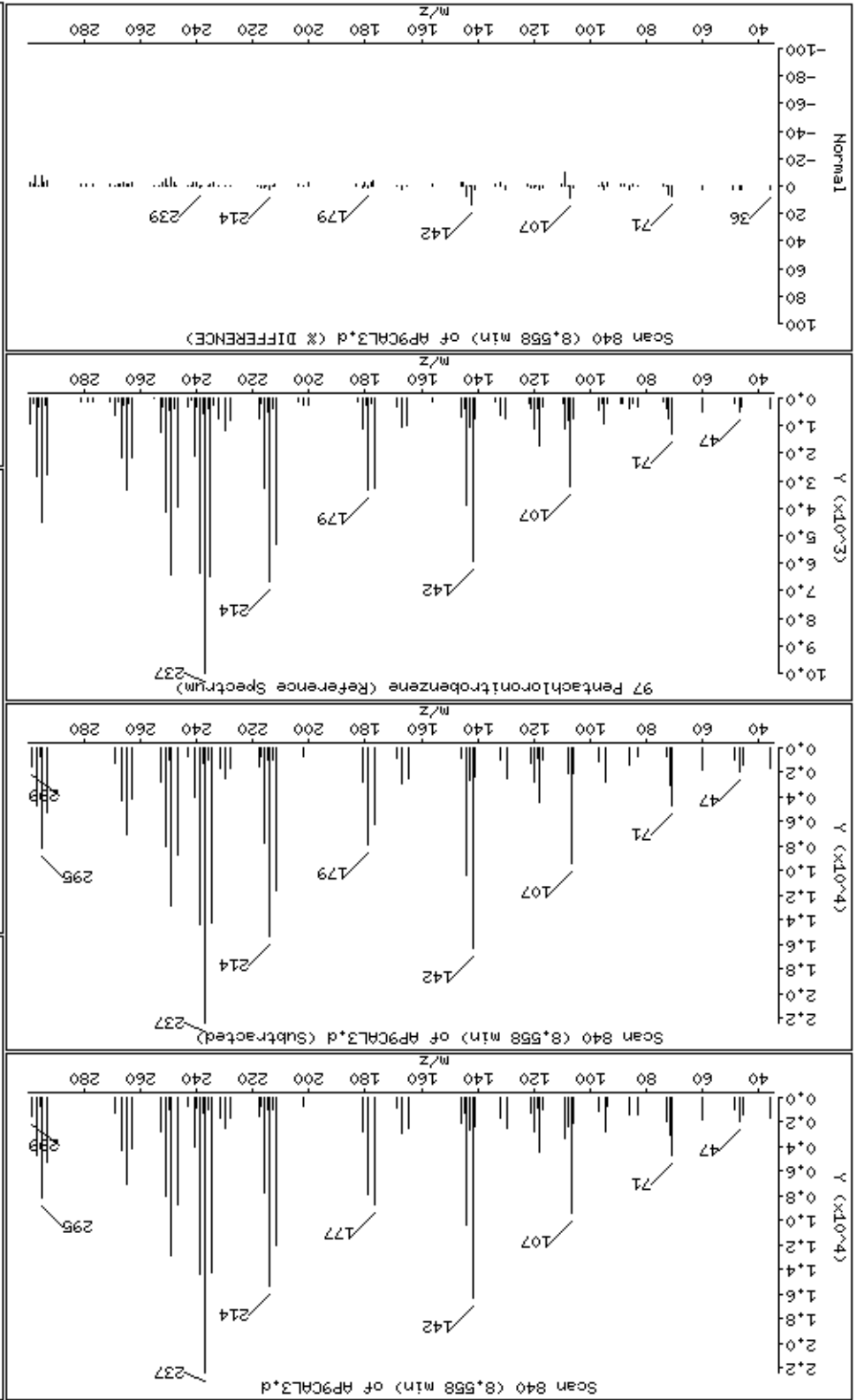
Column phase: HPMS-5

Column diameter: 0,25

91 p-Phenylenediamine

Concentration: 19,9 ug/kg





Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

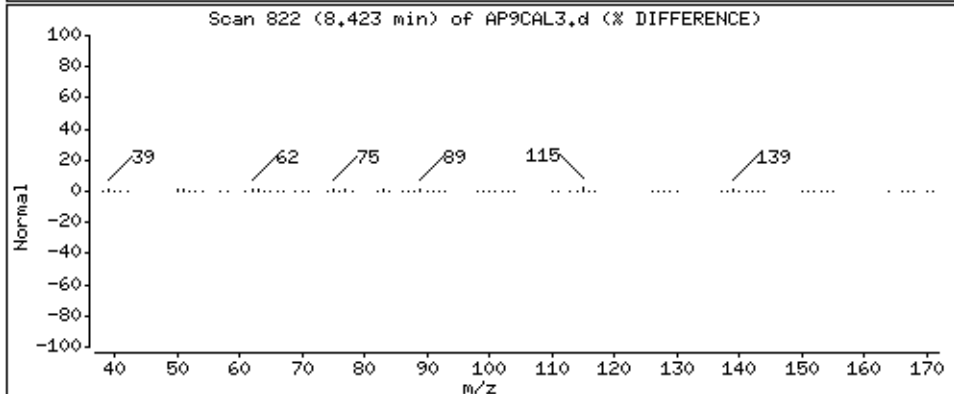
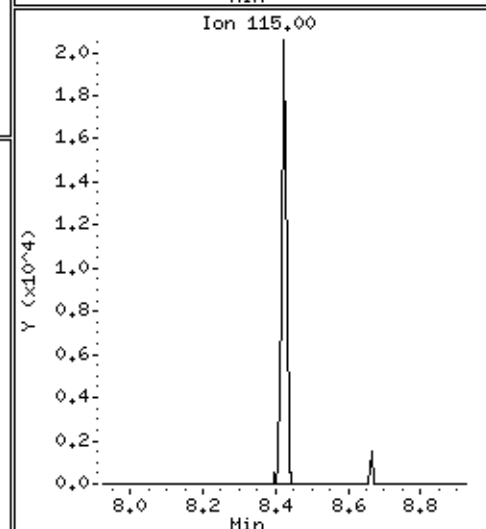
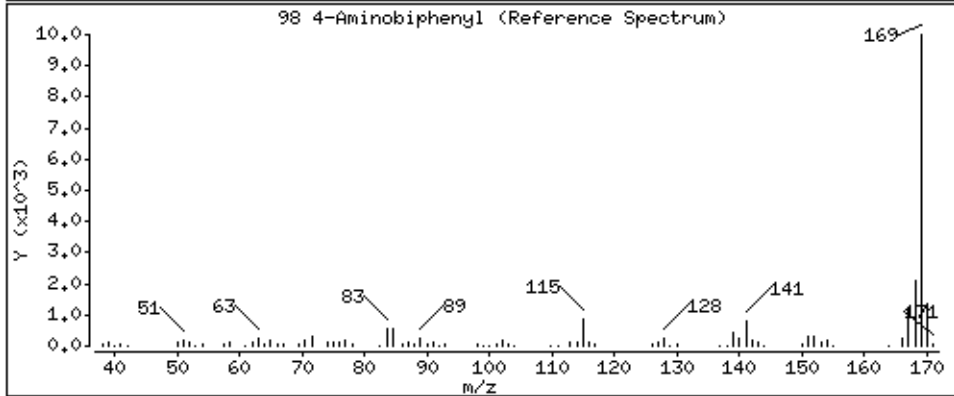
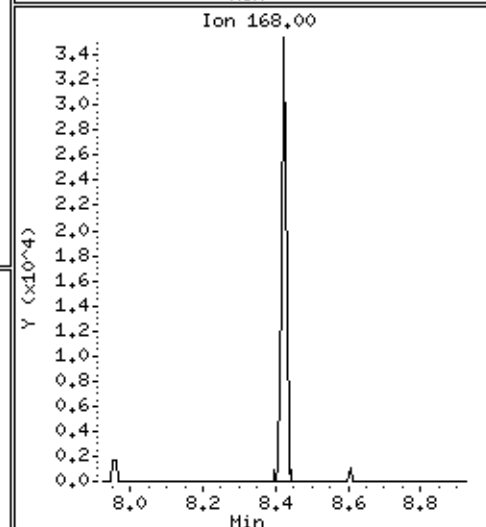
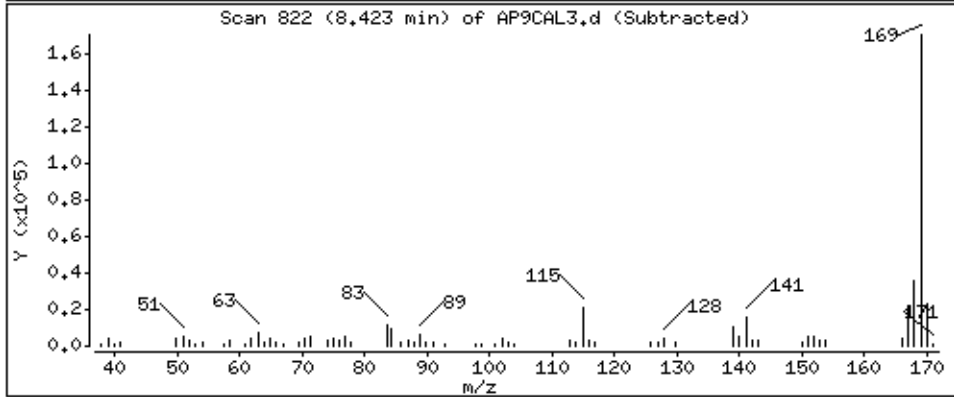
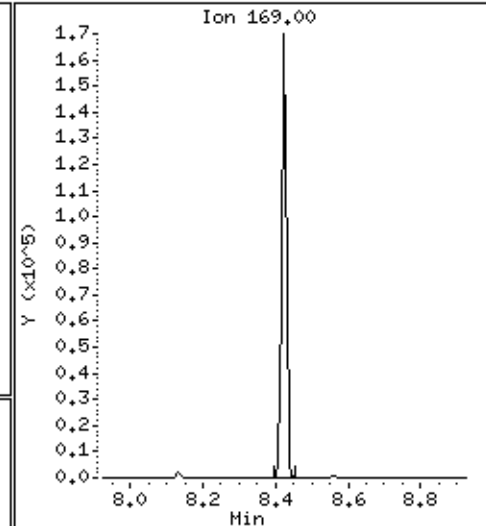
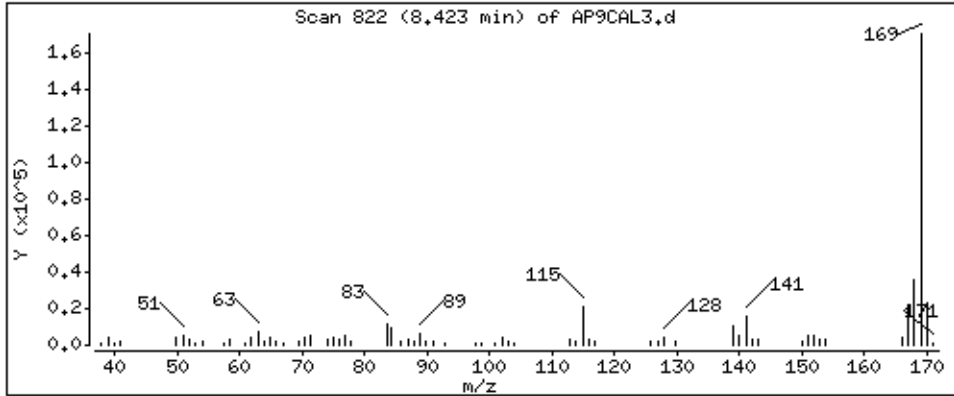
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

98 4-Aminobiphenyl

Concentration: 19,7 ug/kg





Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

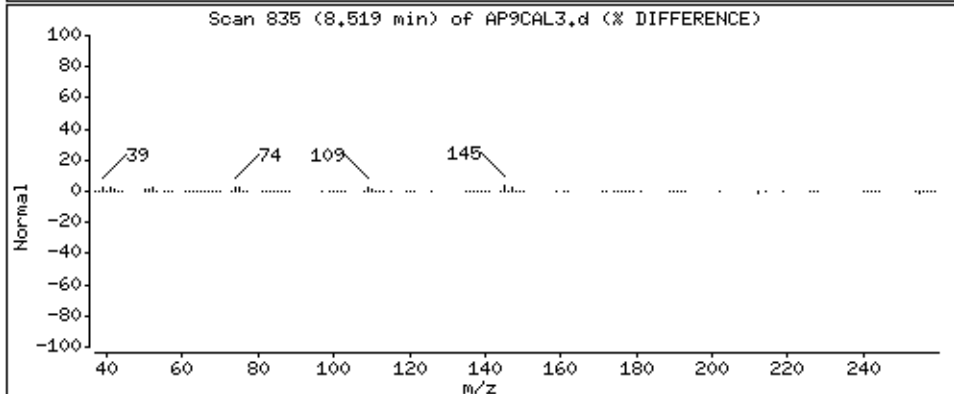
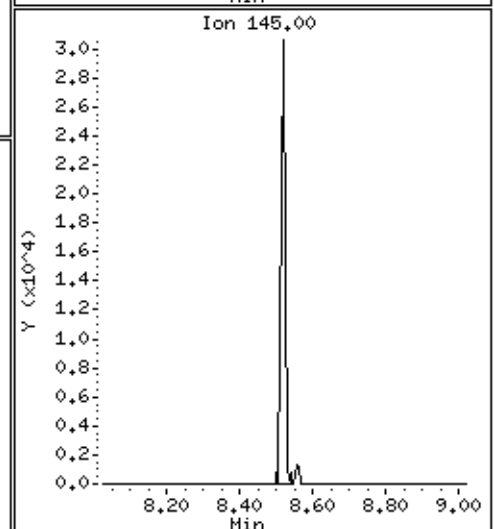
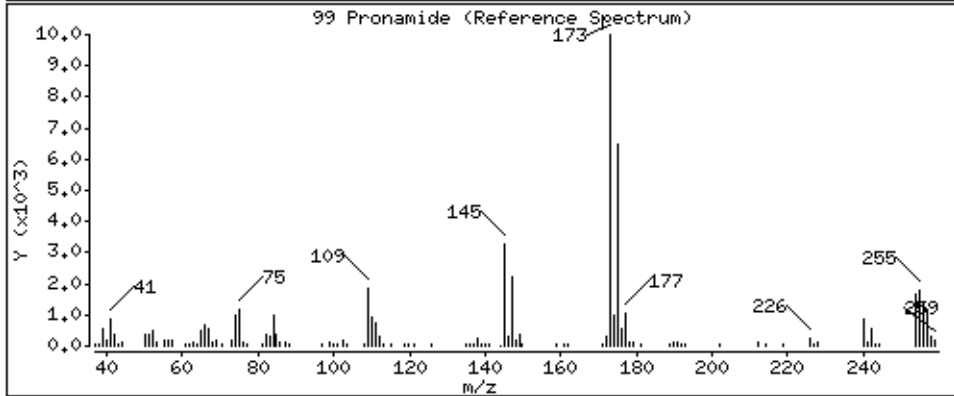
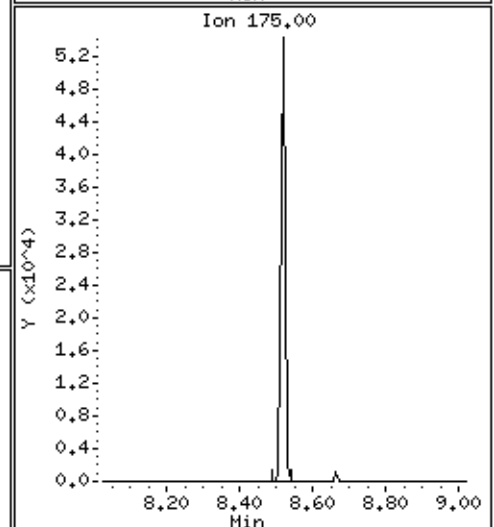
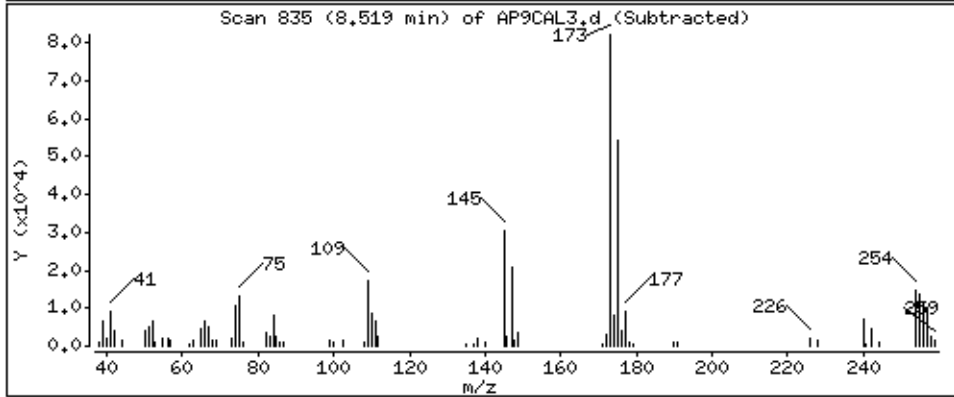
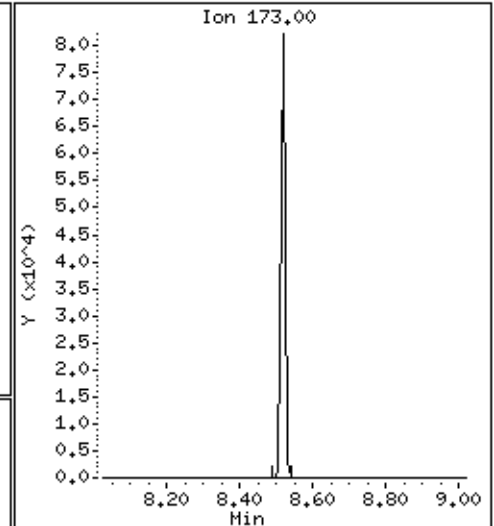
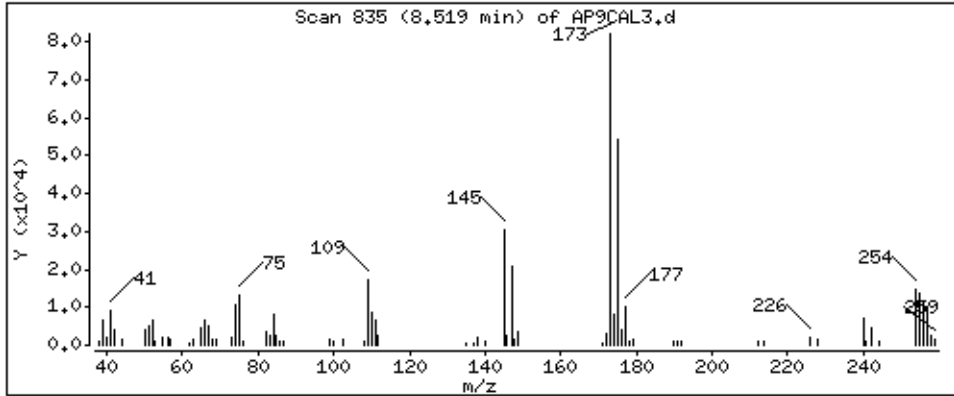
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

99 Pronamide

Concentration: 19,6 ug/kg



Date: 15-NOV-2012 10:49

Client ID: AP9CAL3

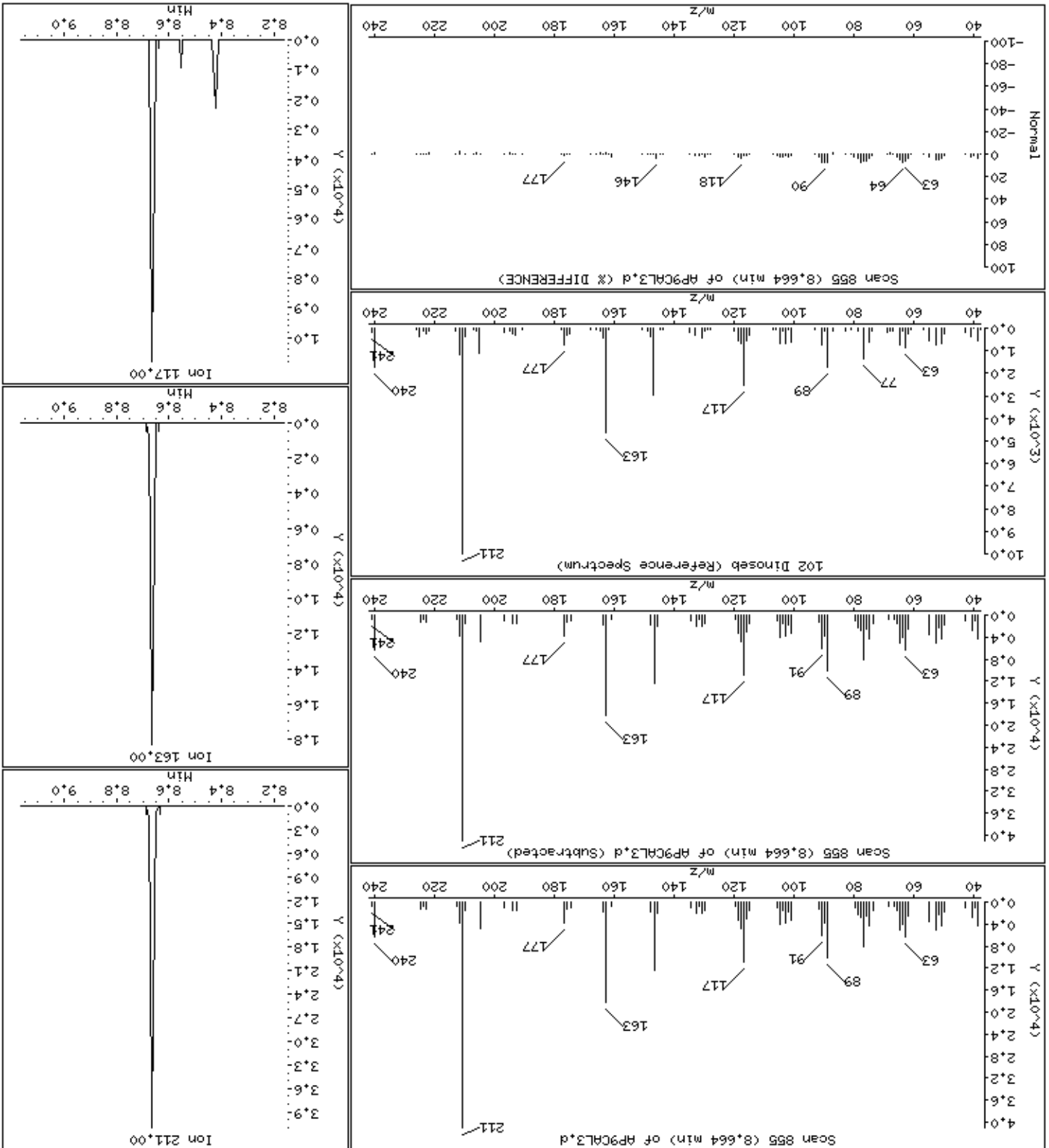
Sample Info: 47937

Operator: MJ

Column diameter: 0.25

Concentration: 19.2 ug/kg

Instrument: smsd04.1



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

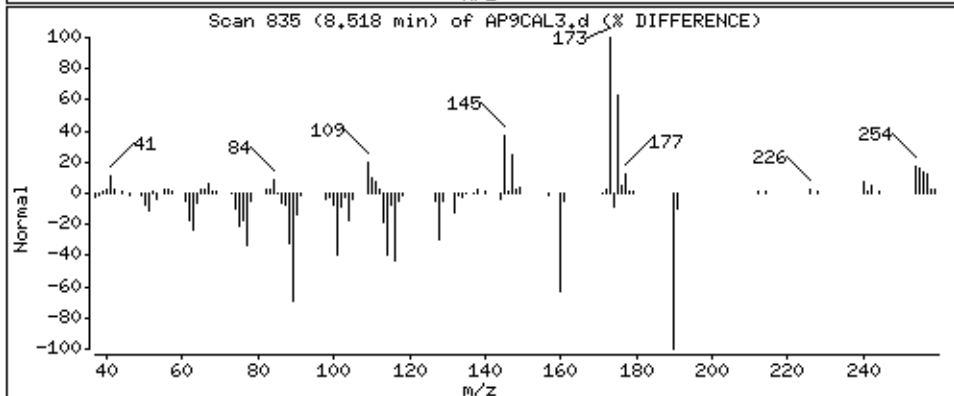
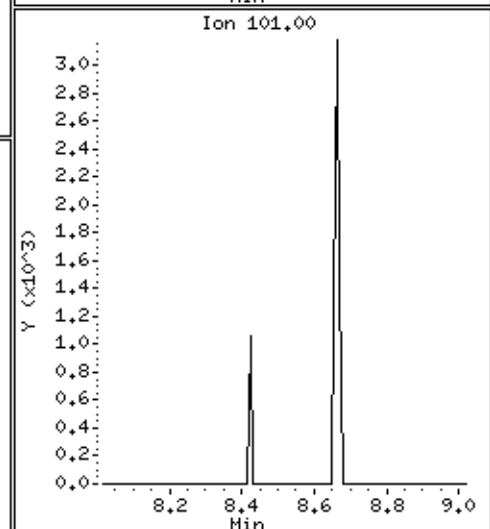
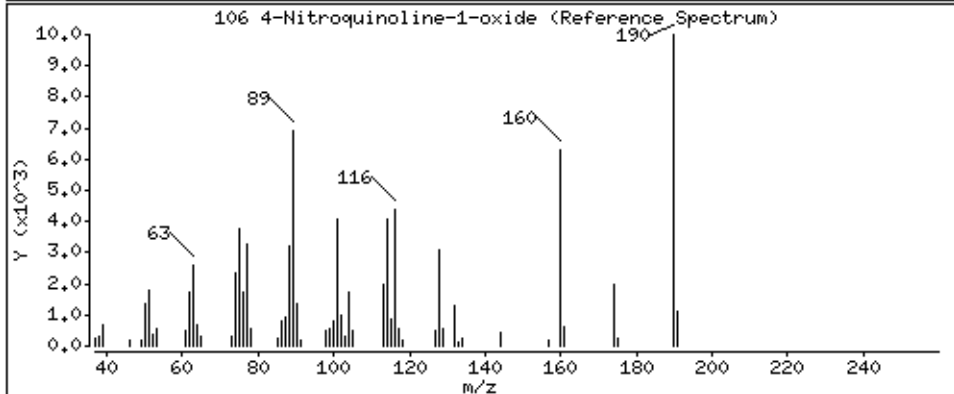
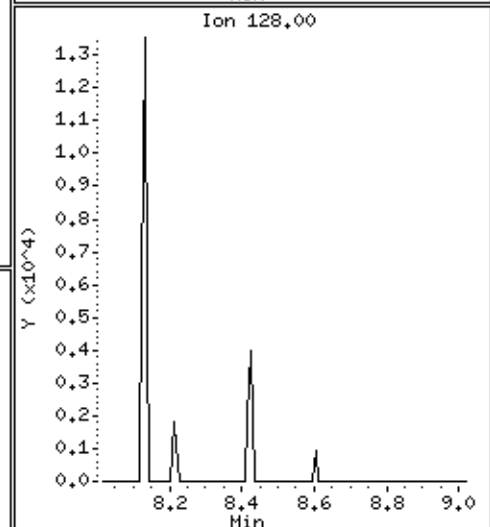
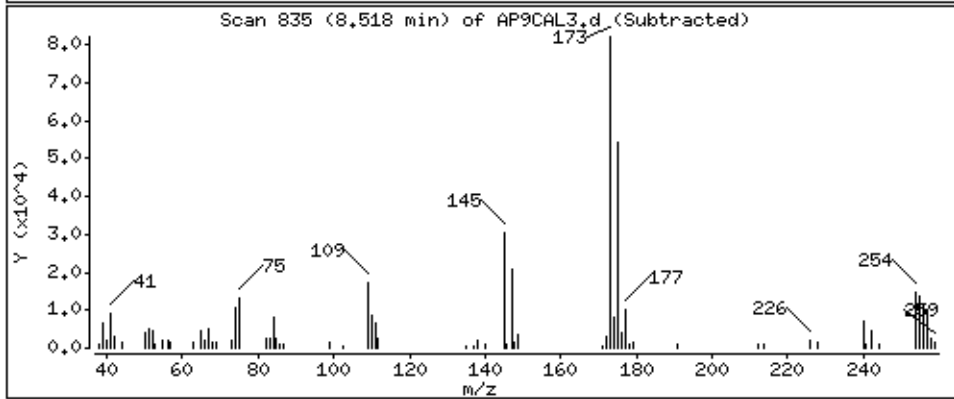
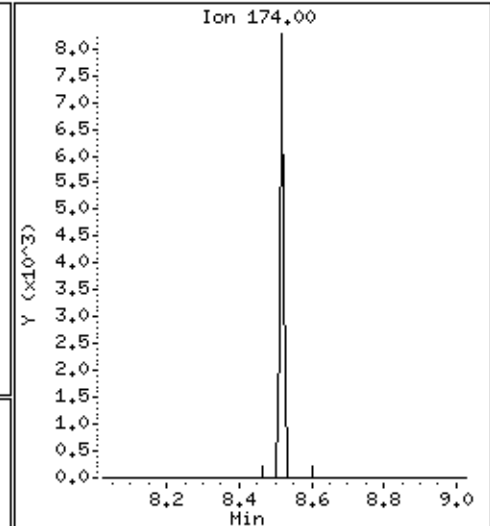
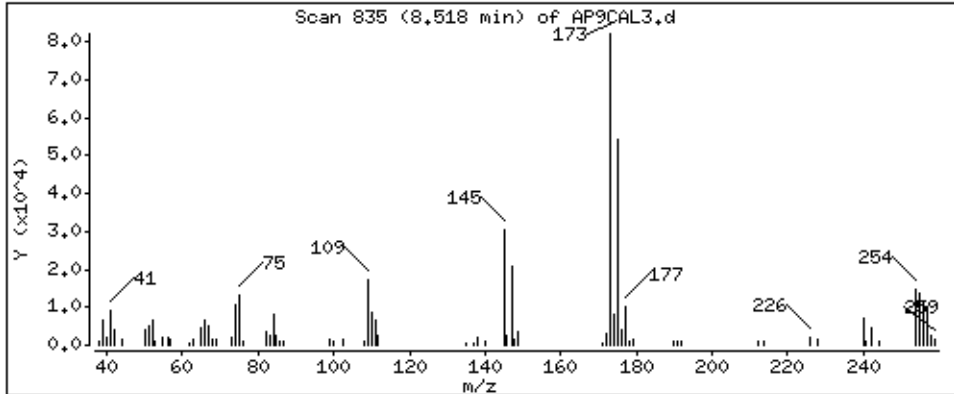
Operator: MJ

Column phase: HPMS-5

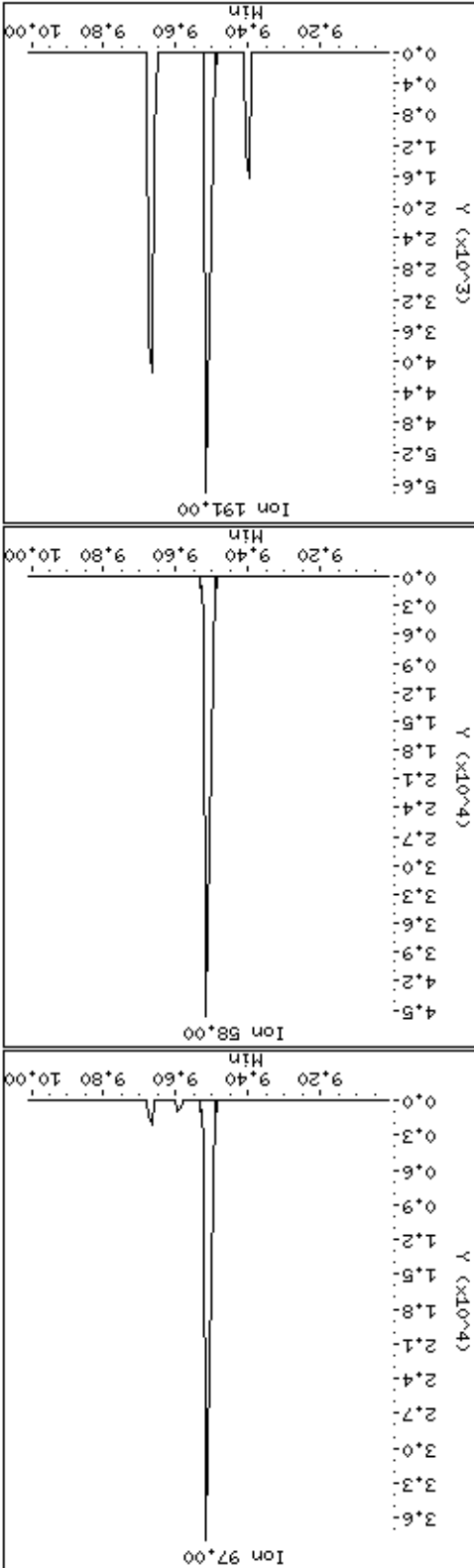
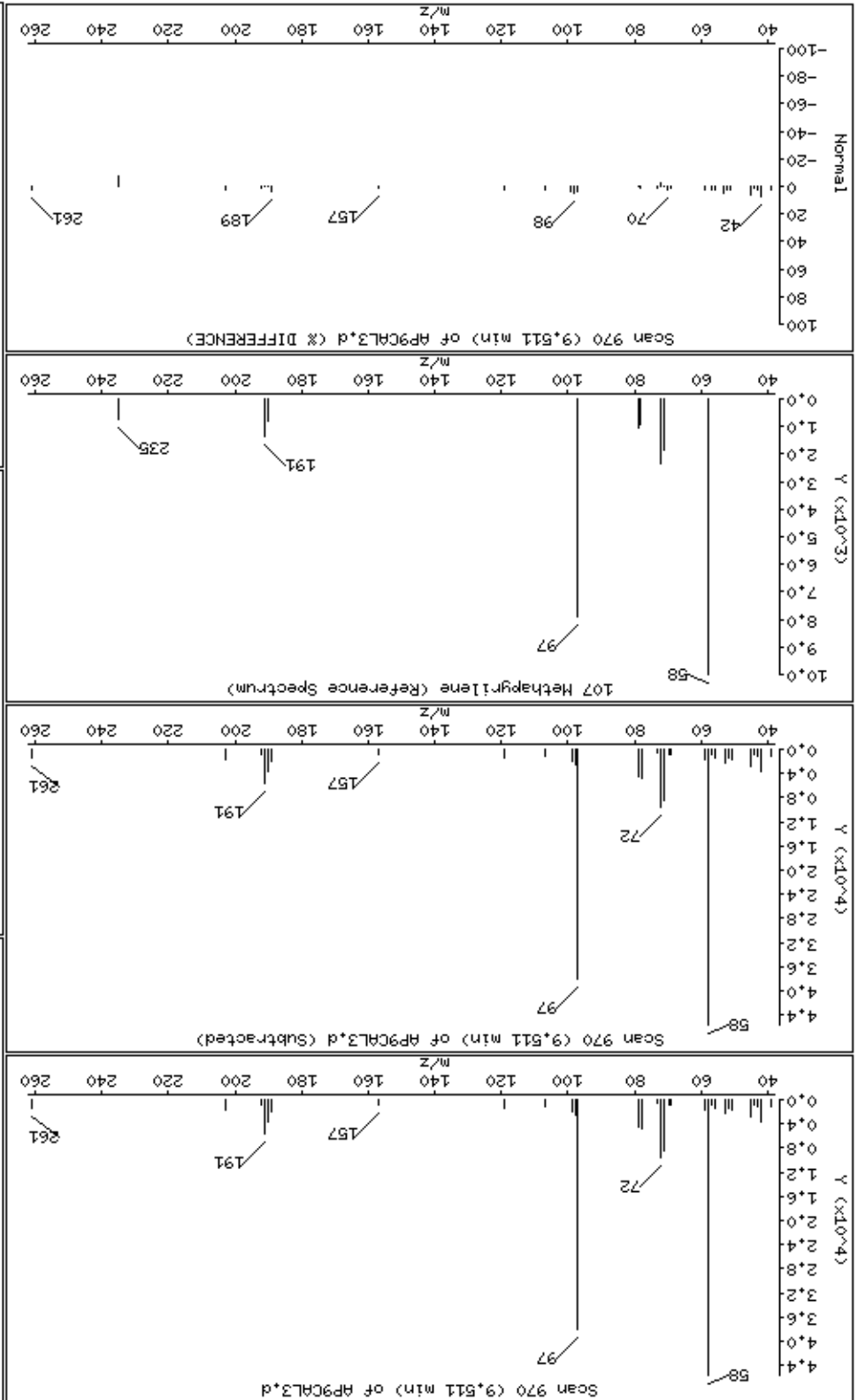
Column diameter: 0,25

106 4-Nitroquinoline-1-oxide

Concentration: 19,2 ug/kg



107 Methapyriene



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

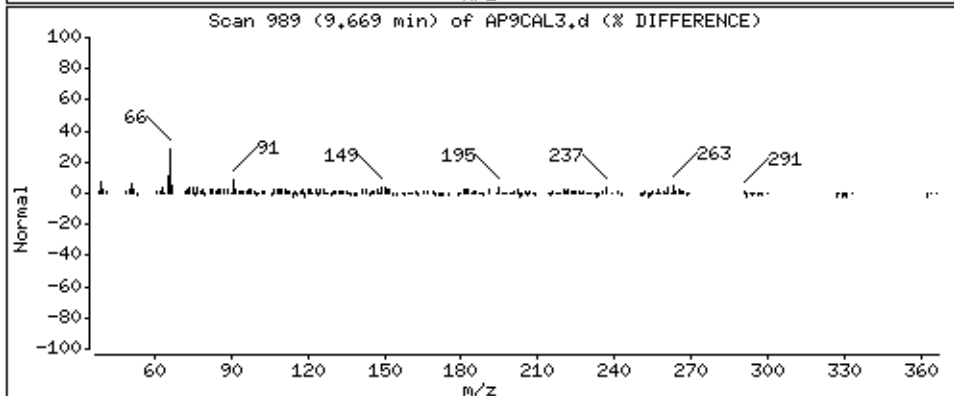
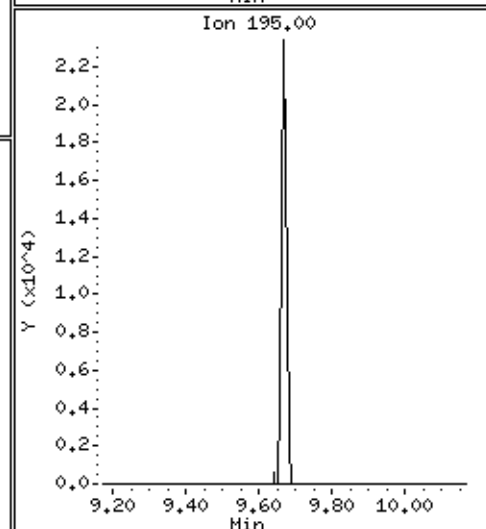
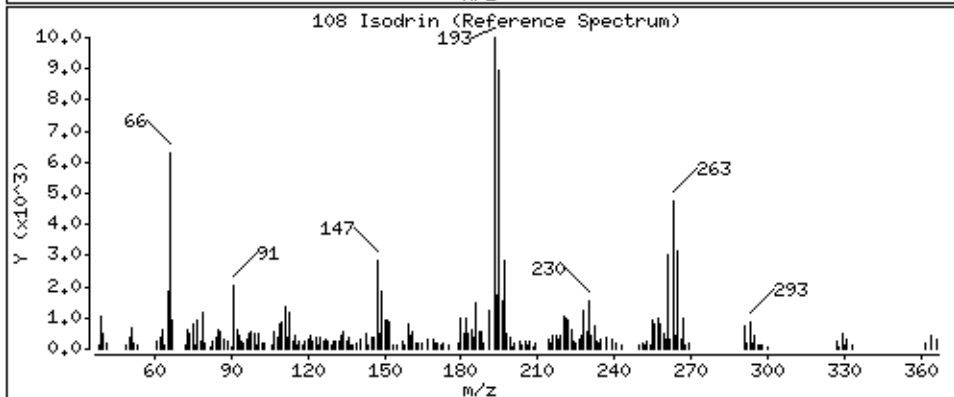
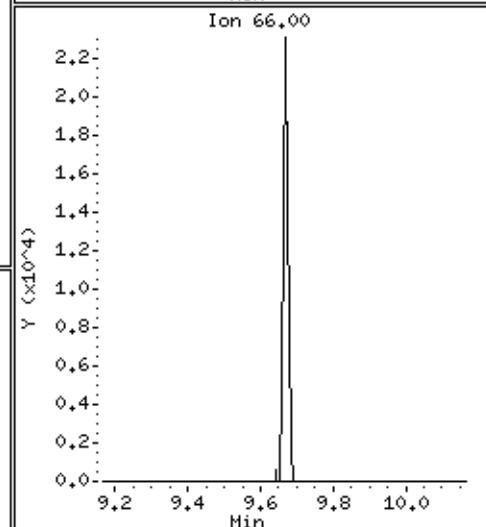
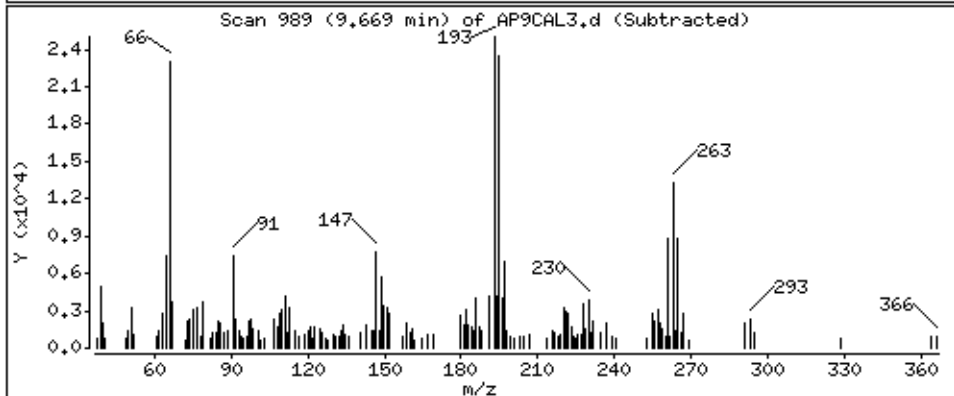
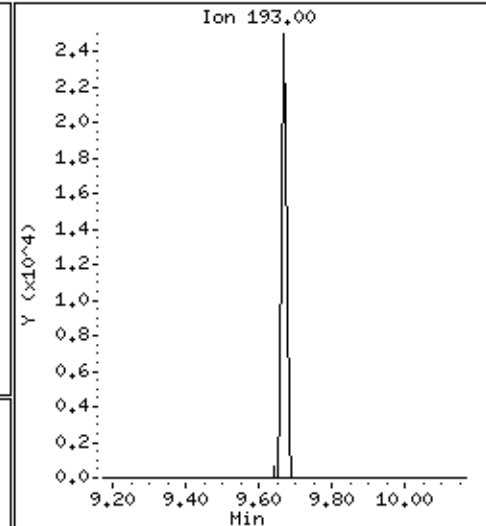
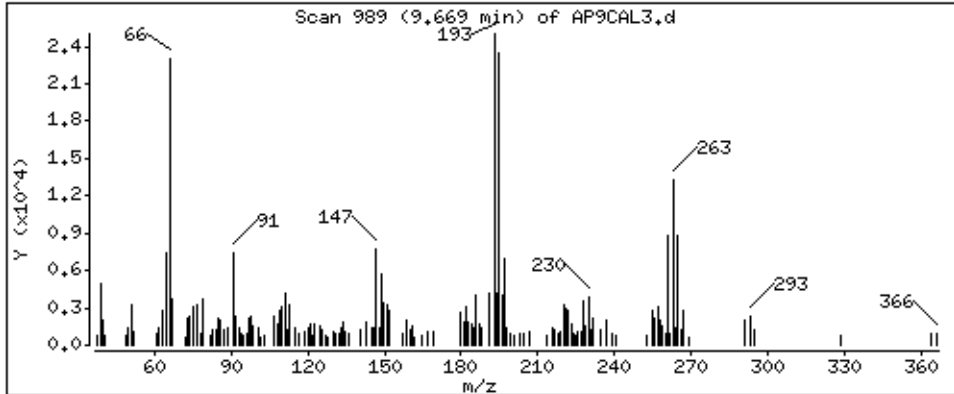
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

108 Isodrin

Concentration: 19,1 ug/kg



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

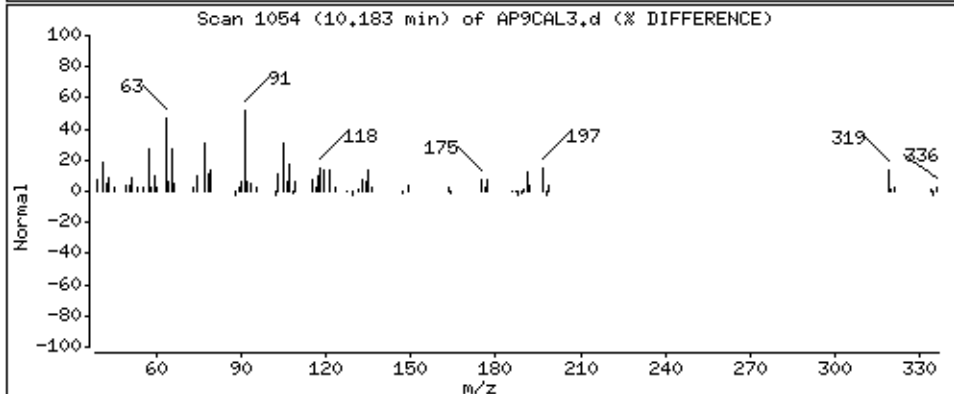
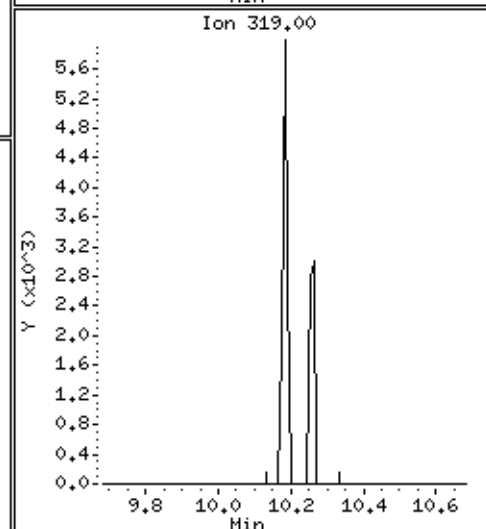
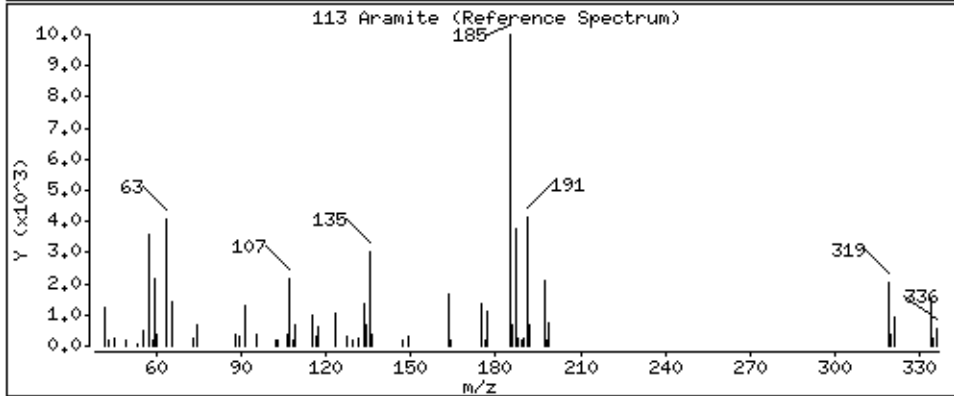
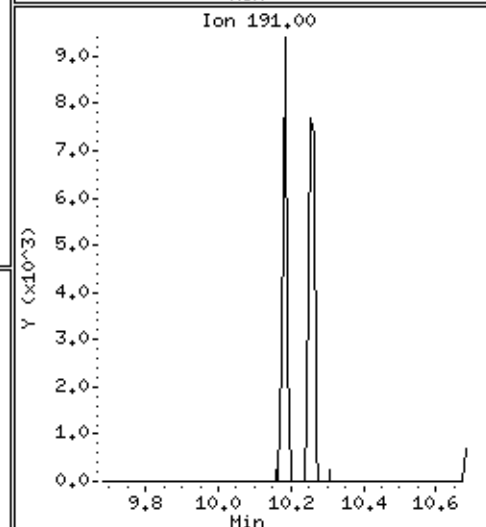
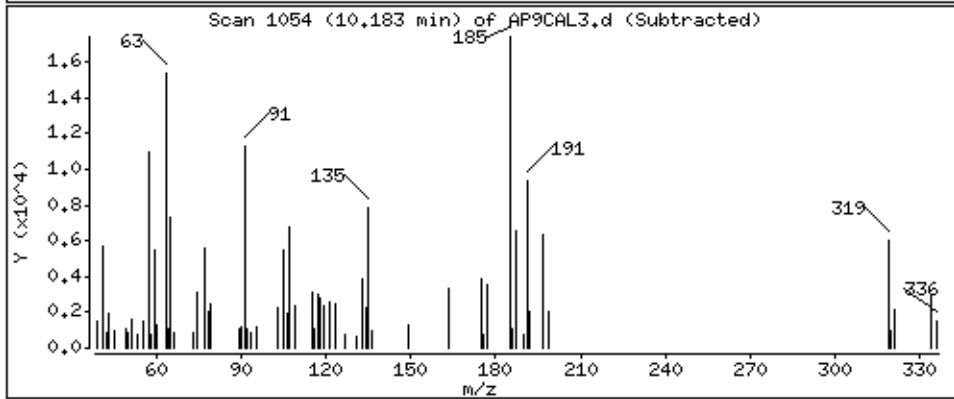
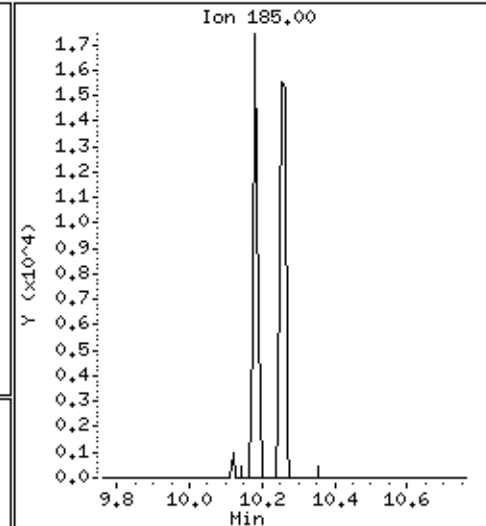
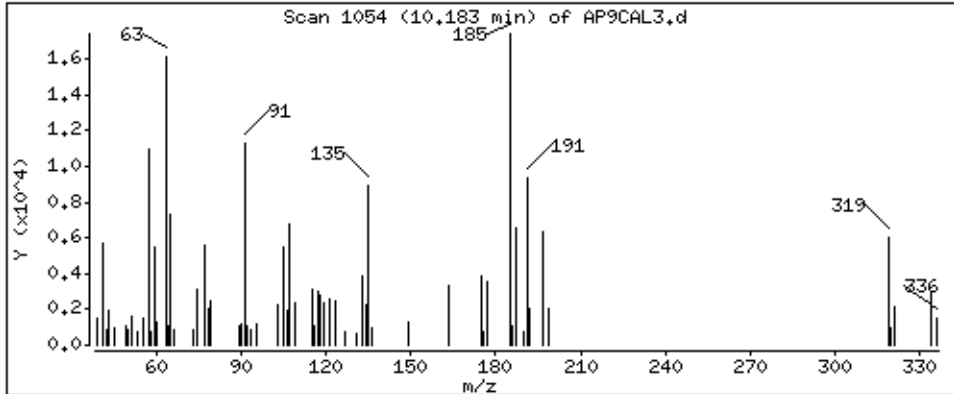
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

113 Aramite

Concentration: 19,8 ug/kg



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

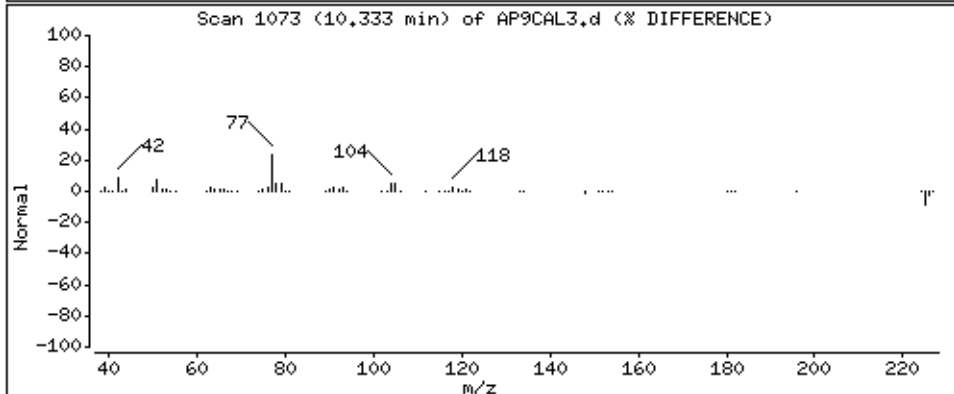
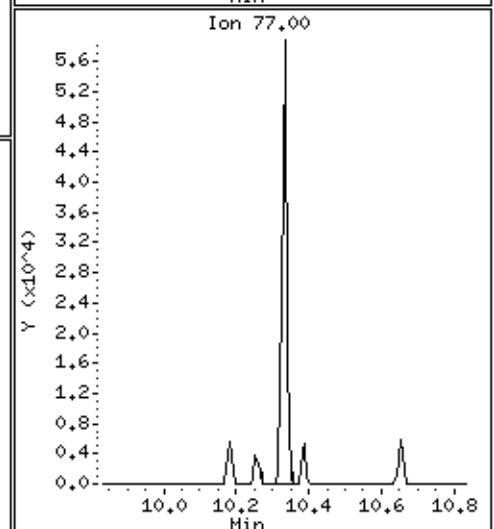
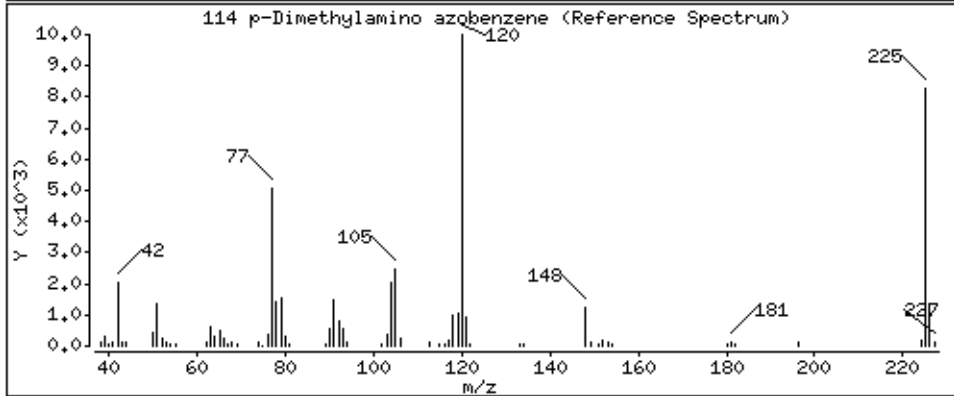
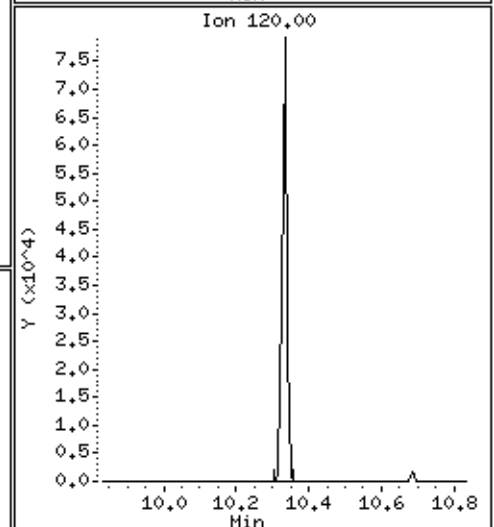
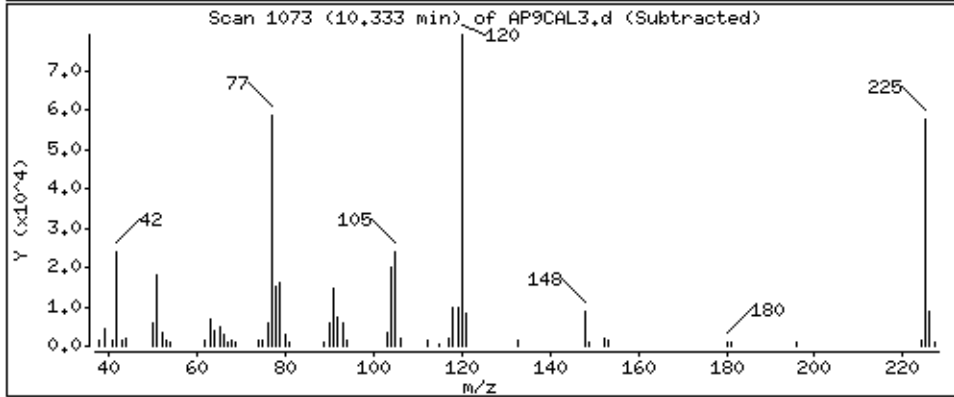
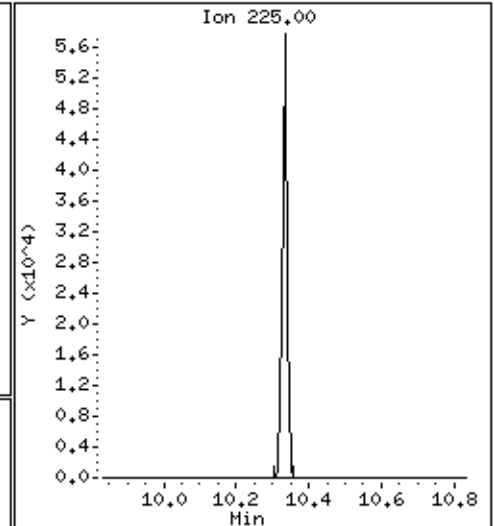
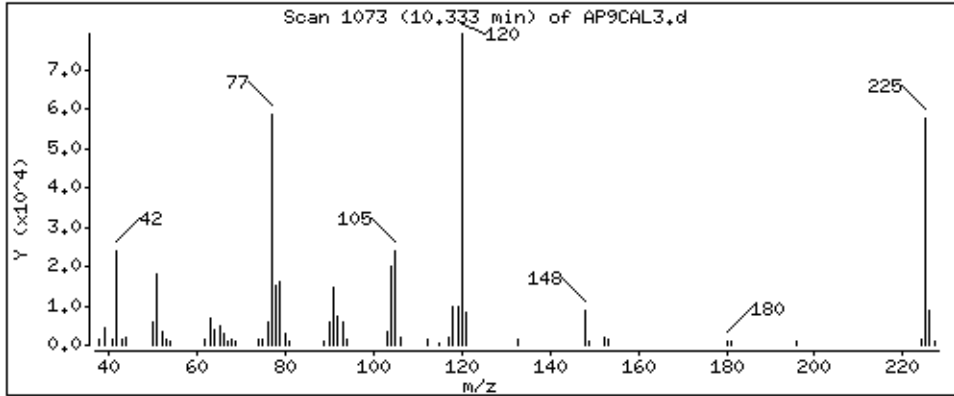
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

114 p-Dimethylamino azobenzene

Concentration: 19,1 ug/kg



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

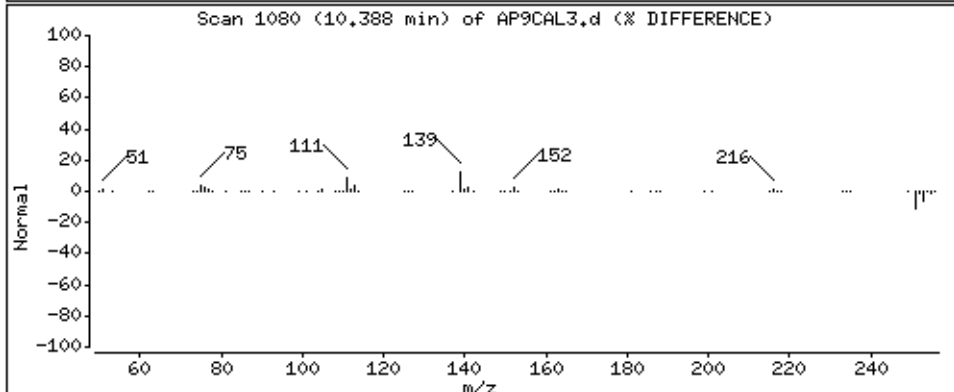
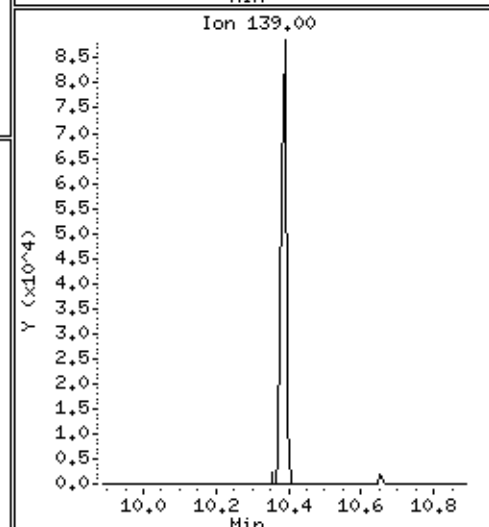
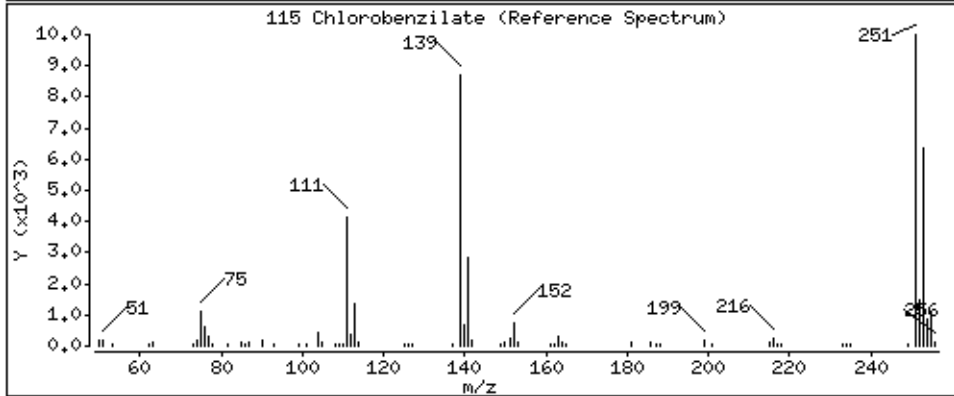
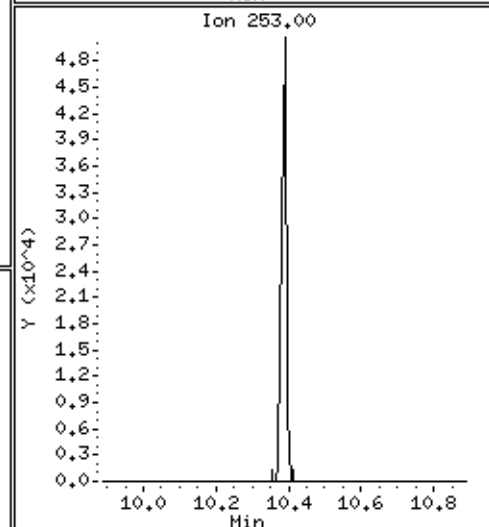
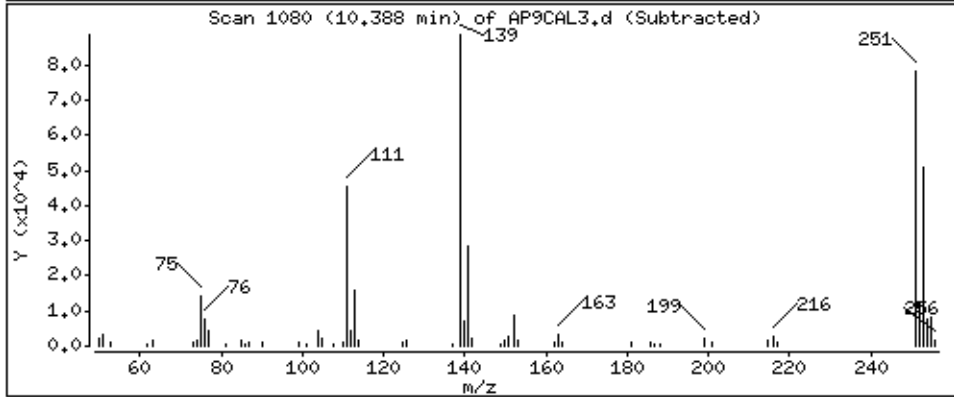
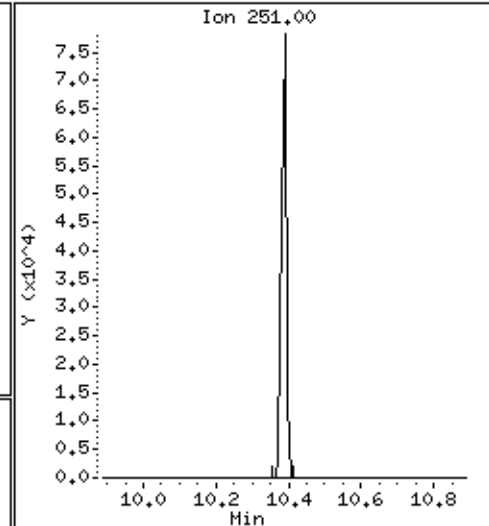
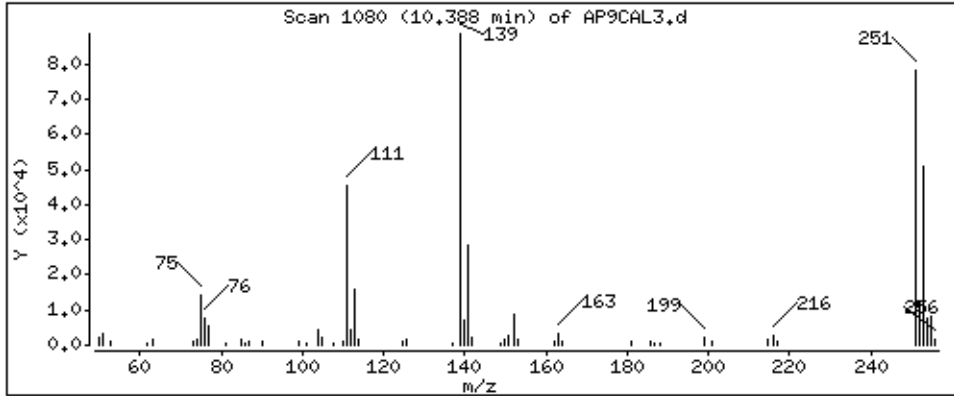
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

115 Chlorobenzilate

Concentration: 19.4 ug/kg





Date: 15-NOV-2012 10:49

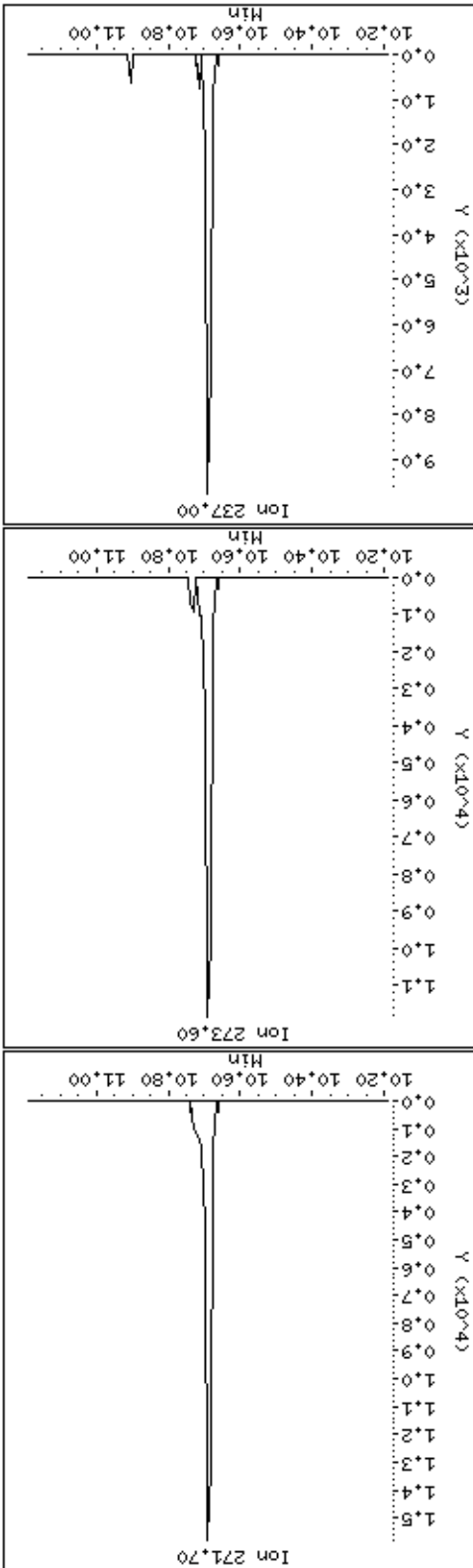
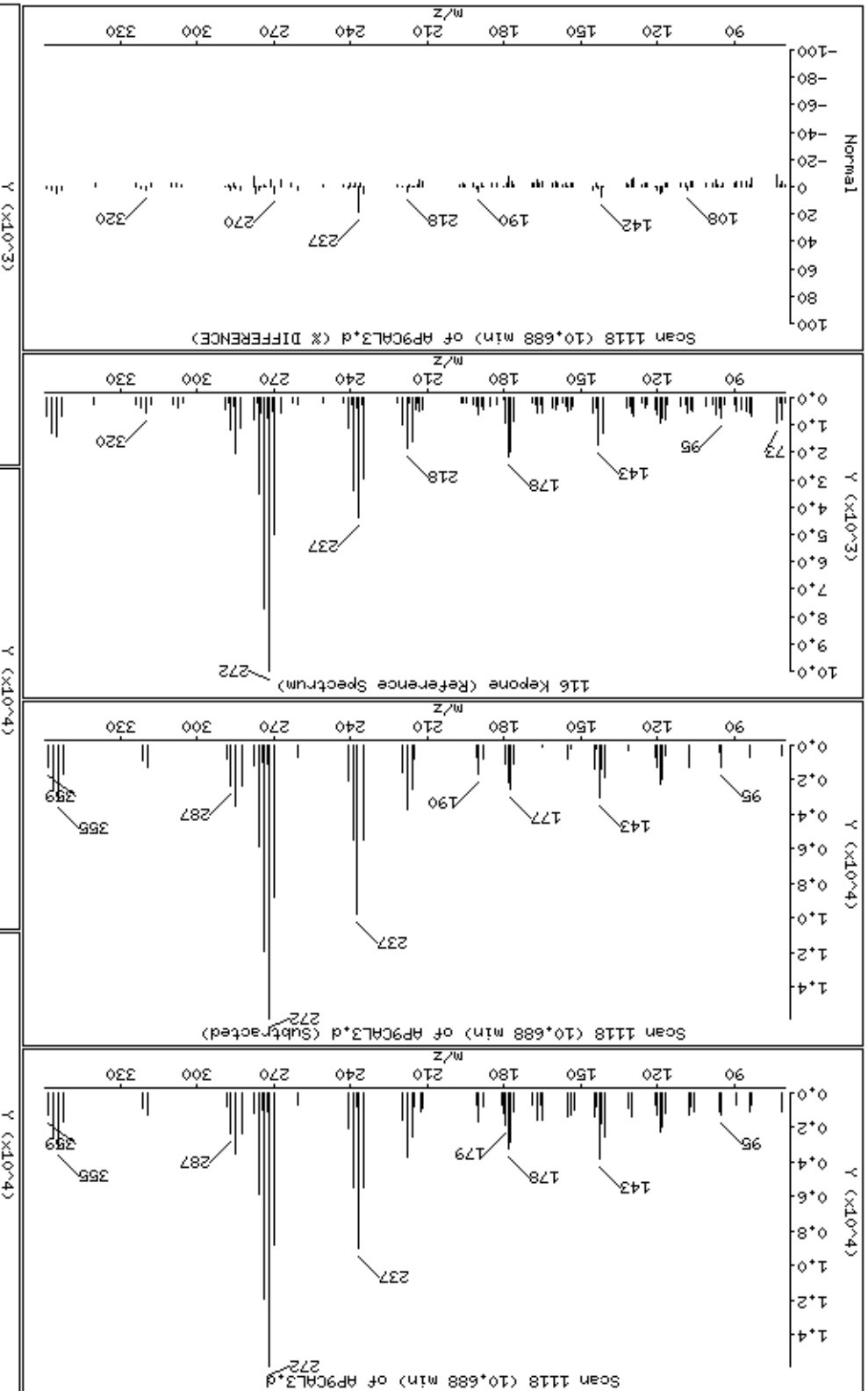
Client ID: AP9CAL3

Sample Info: 47937

Operator: MJ

Column diameter: 0.25

Concentration: 19.4 ug/kg



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

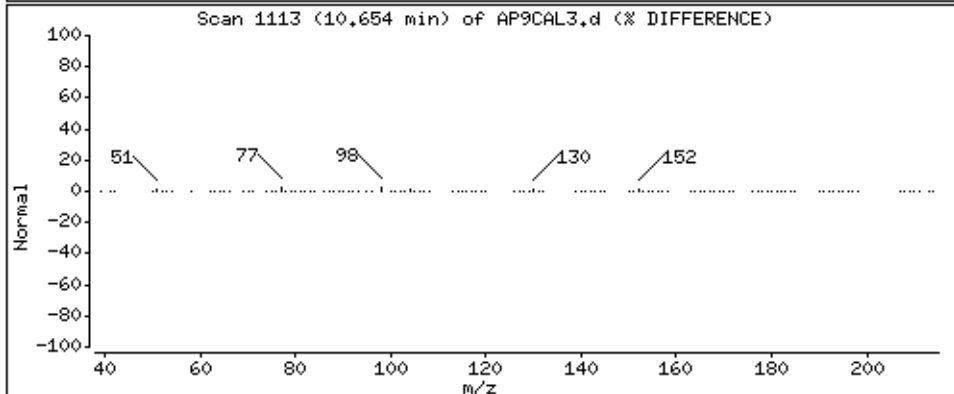
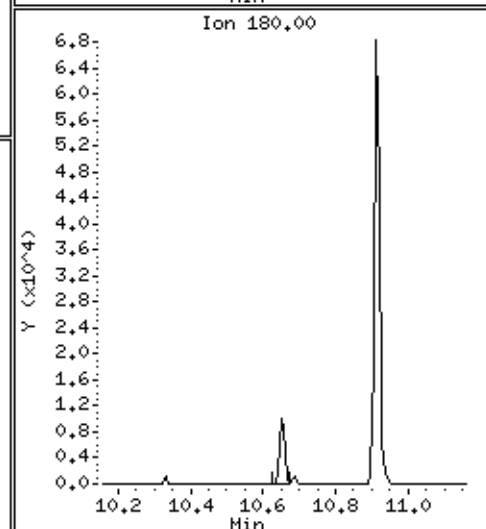
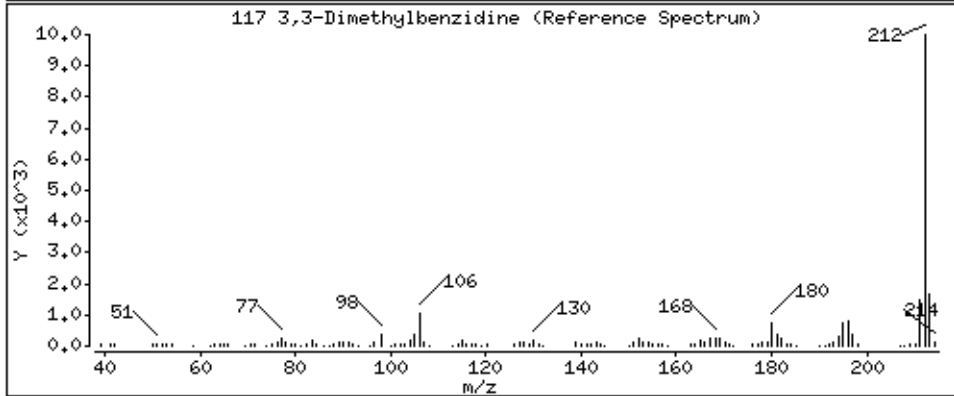
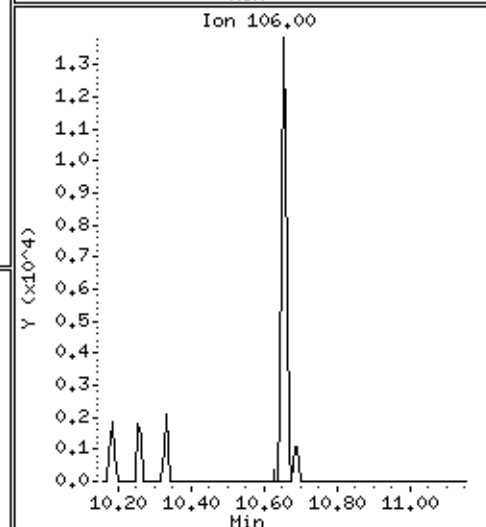
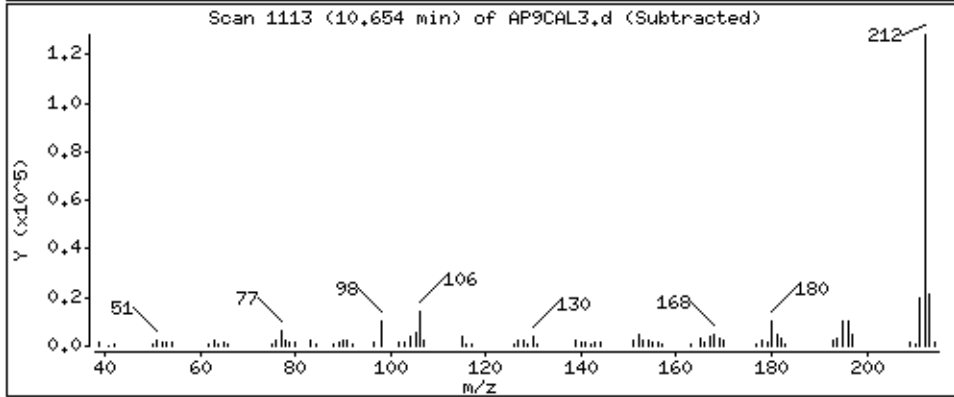
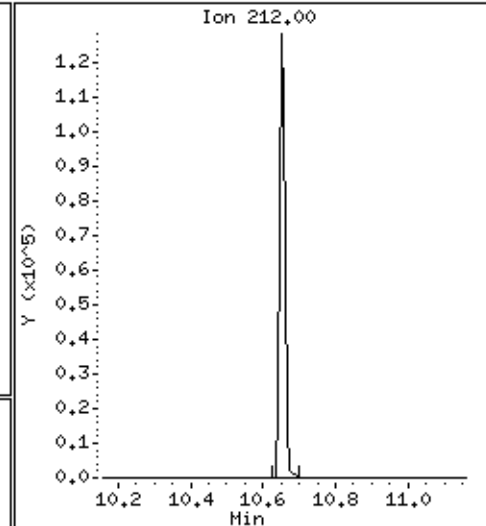
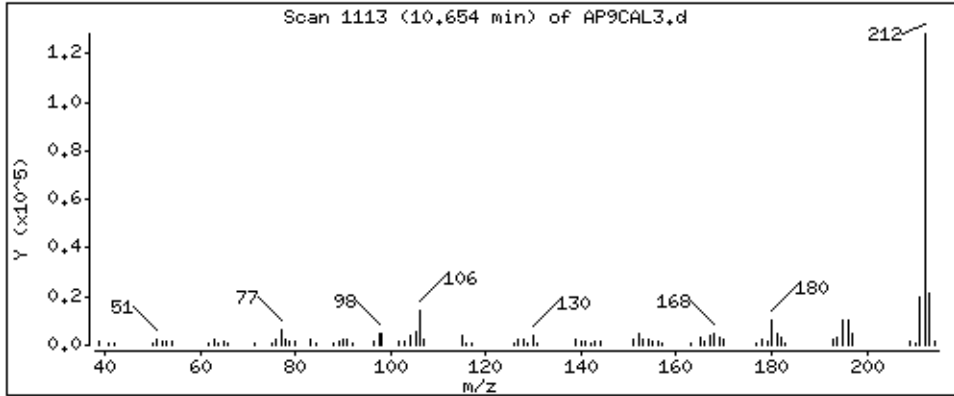
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

117 3,3-Dimethylbenzidine

Concentration: 21,3 ug/kg



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

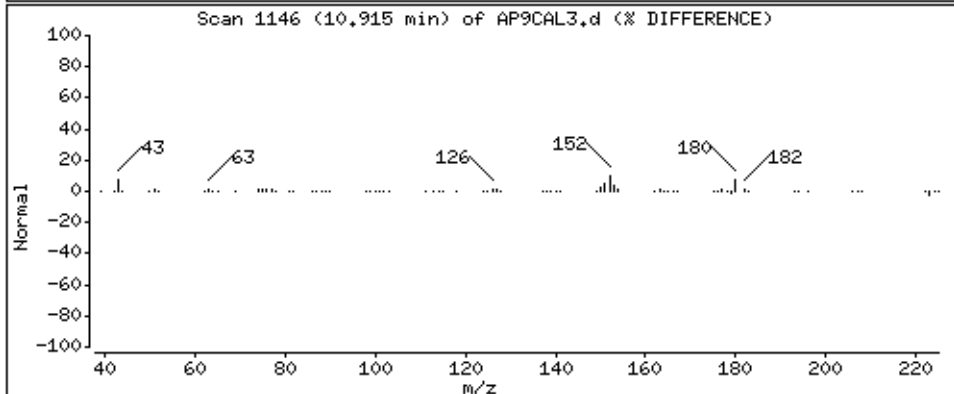
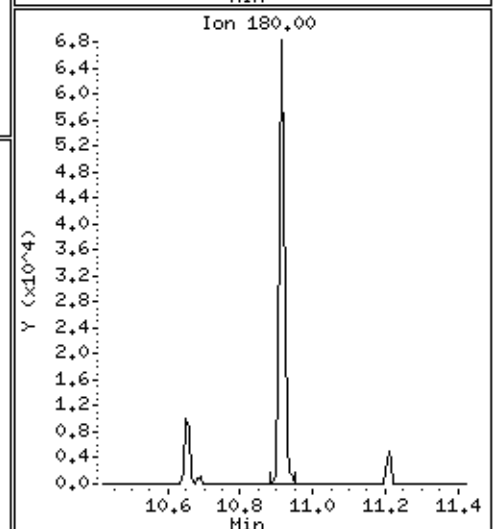
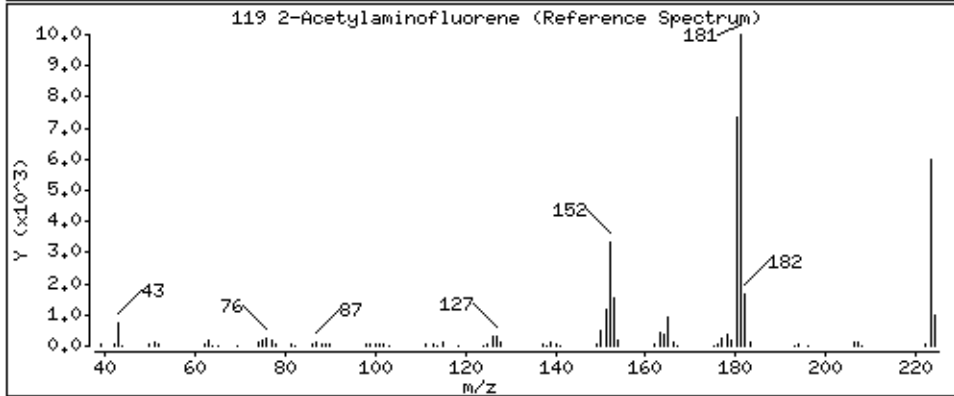
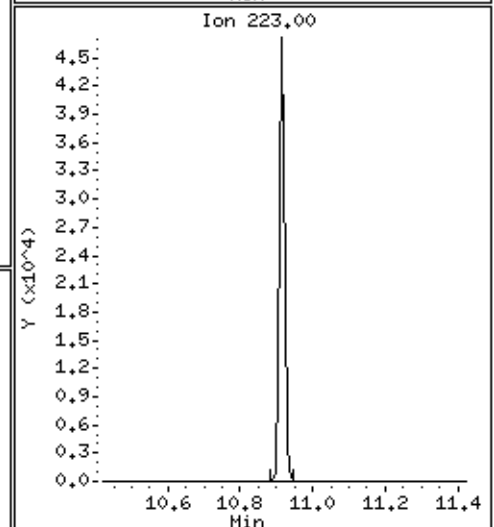
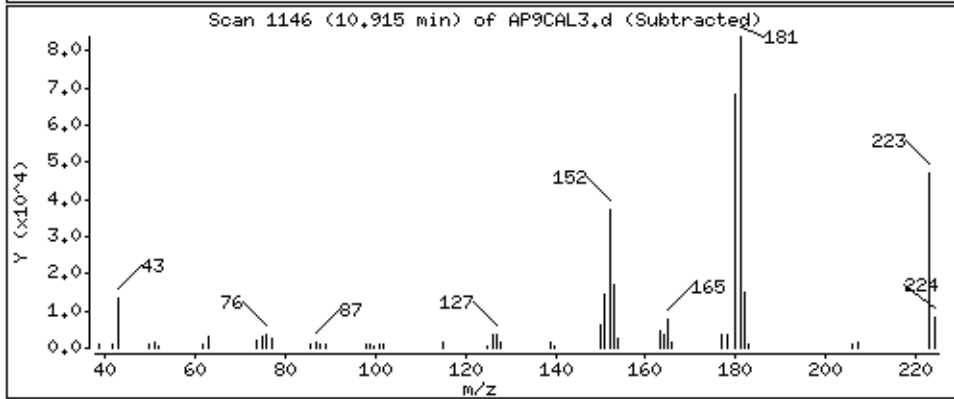
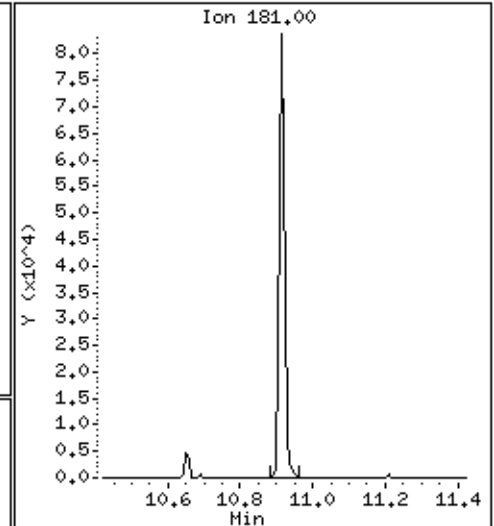
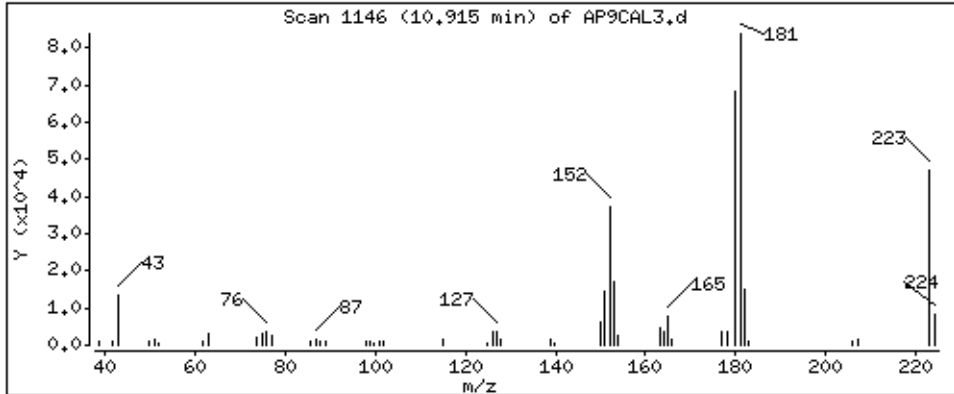
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

119 2-Acetylaminofluorene

Concentration: 18,7 ug/kg



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

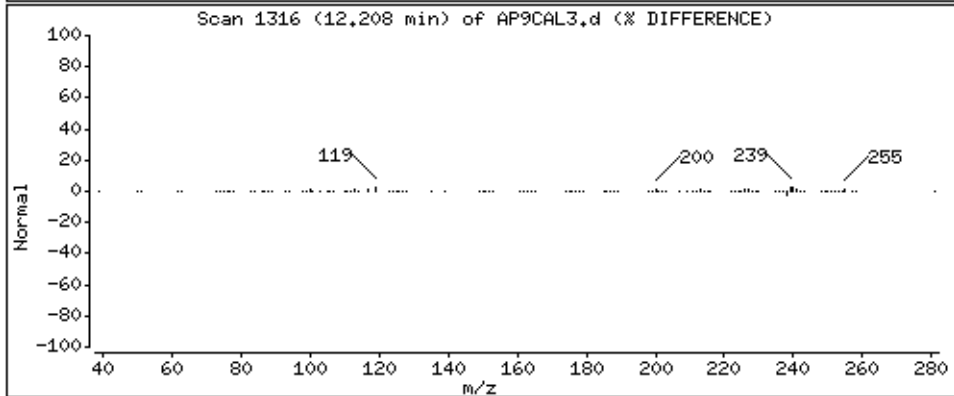
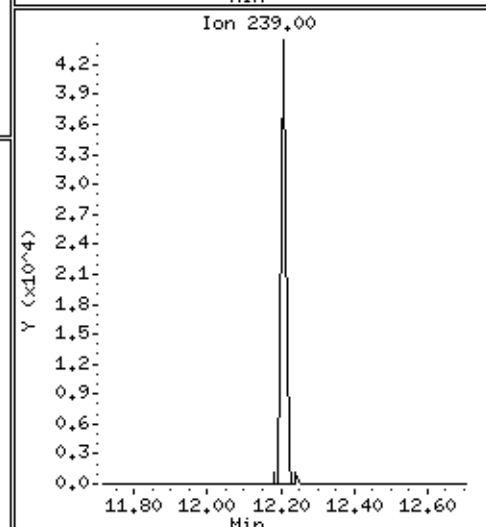
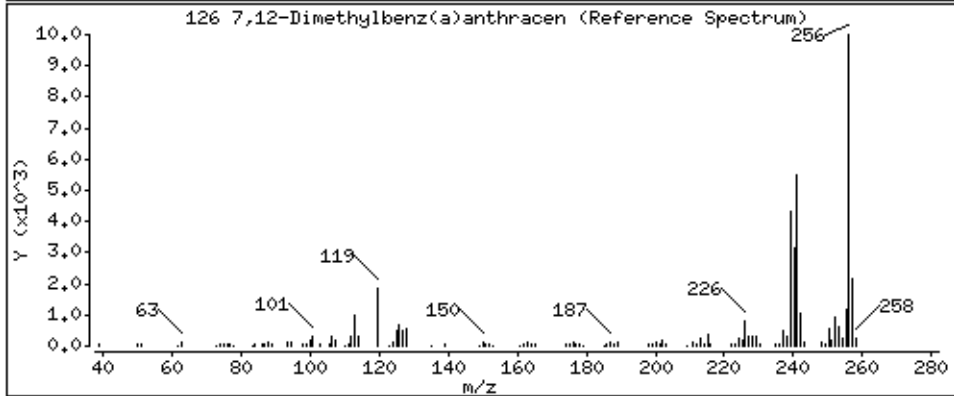
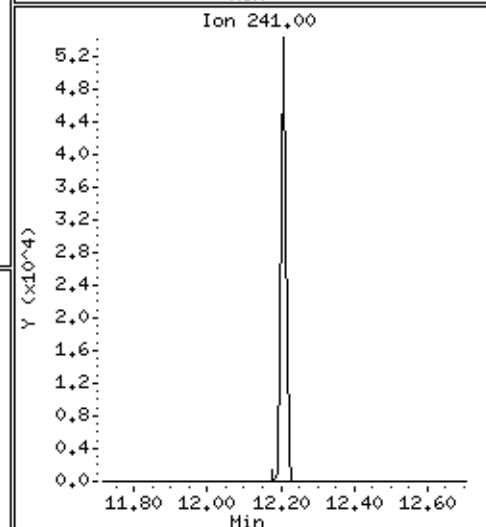
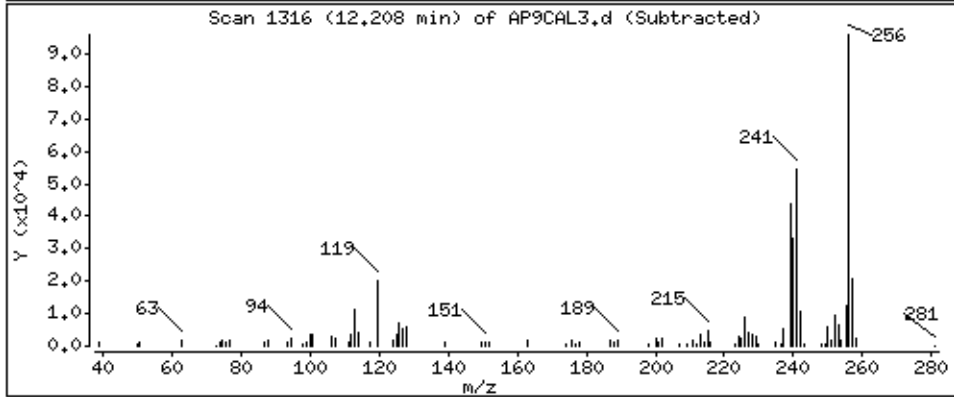
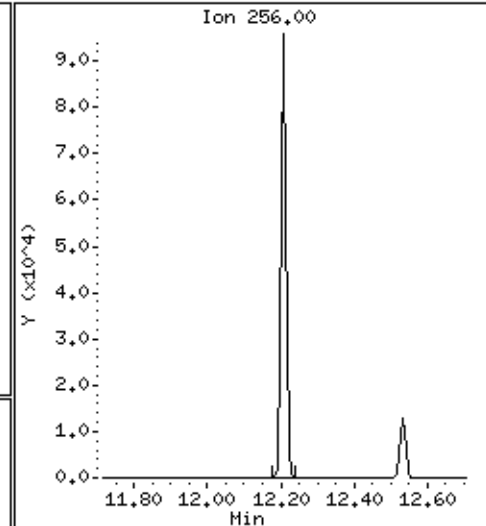
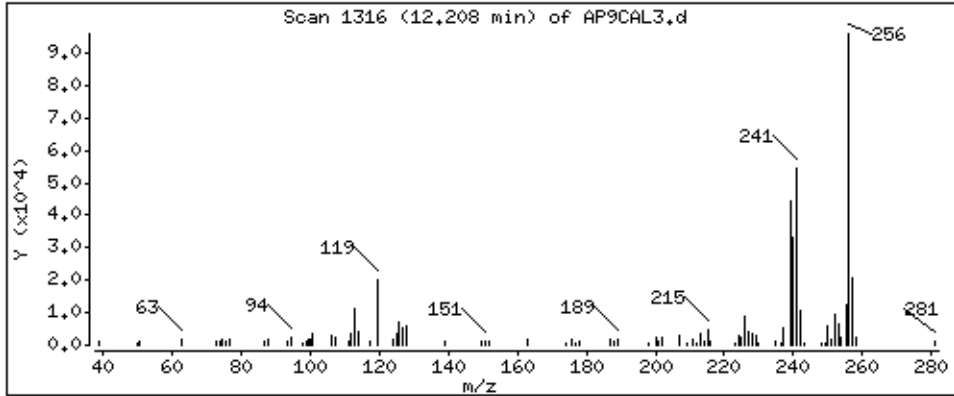
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

126 7,12-Dimethylbenz(a)anthracen

Concentration: 19,4 ug/kg



Date : 15-NOV-2012 10:49

Client ID: AP9CAL3

Instrument: smsd04.i

Sample Info: 47937

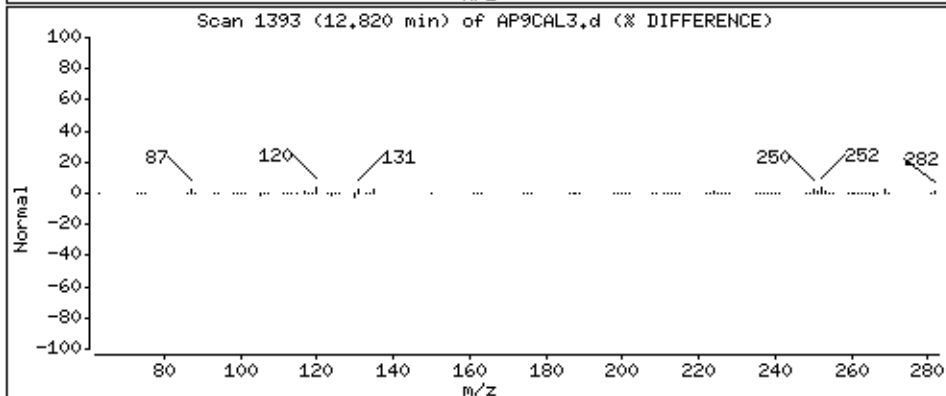
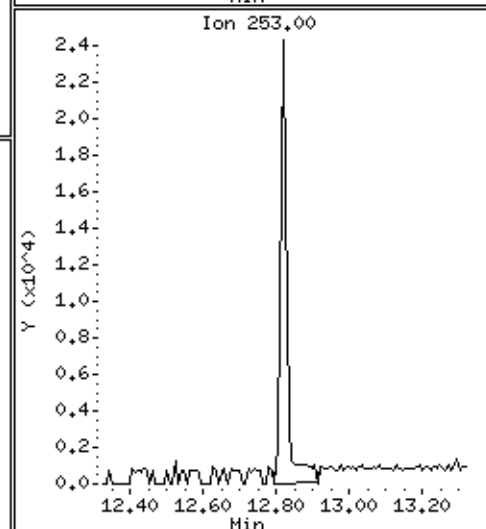
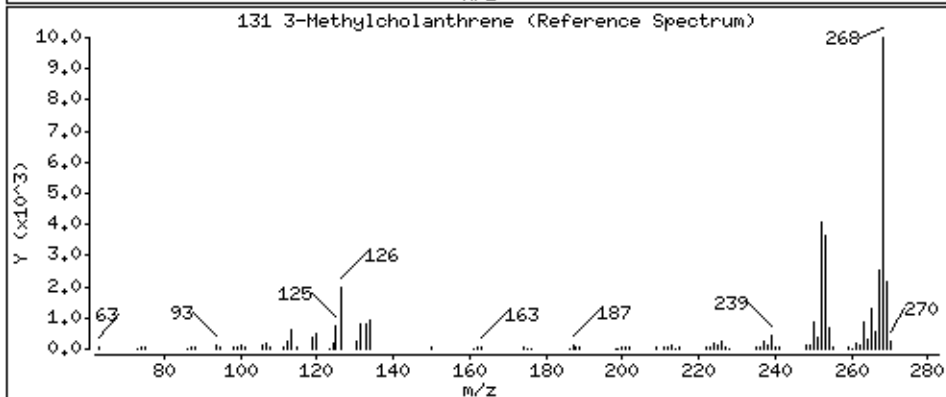
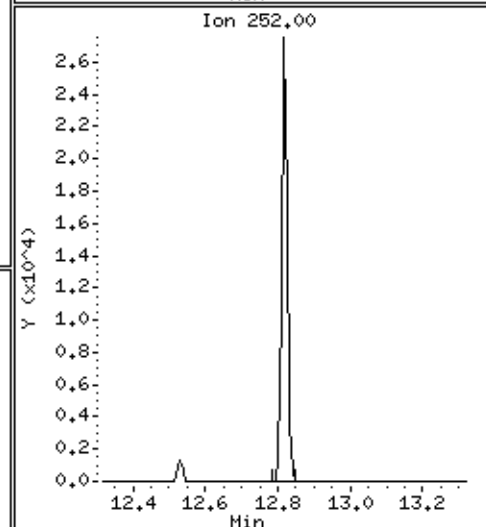
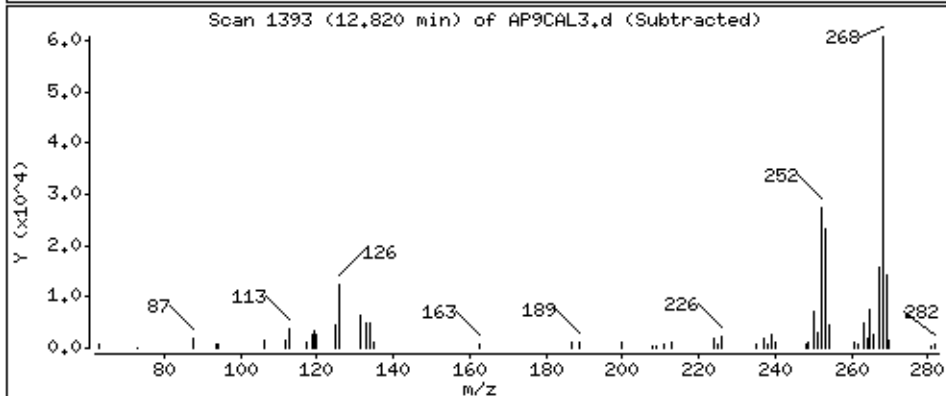
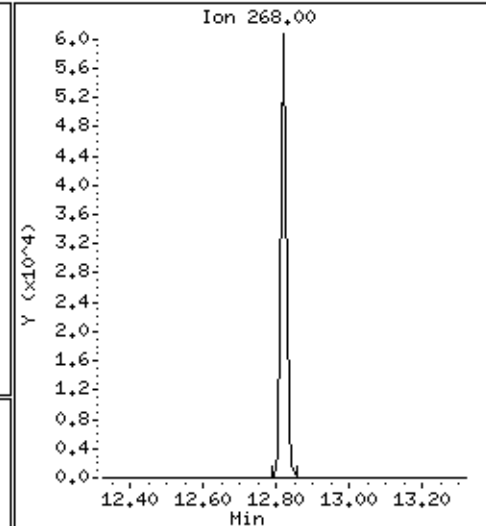
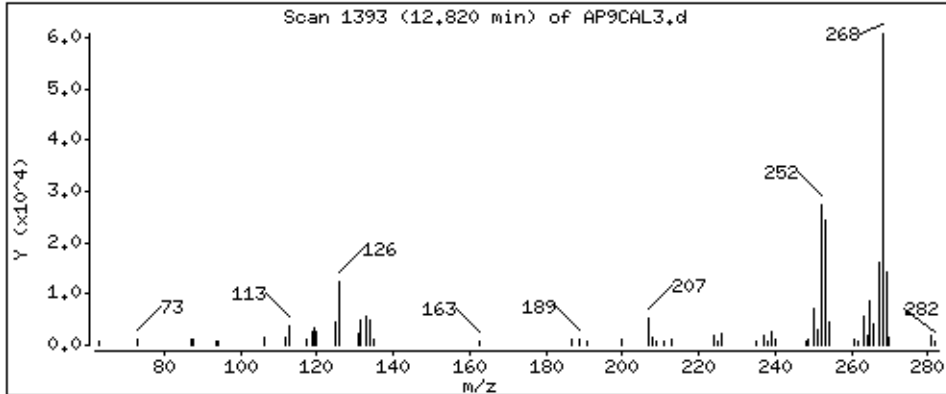
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

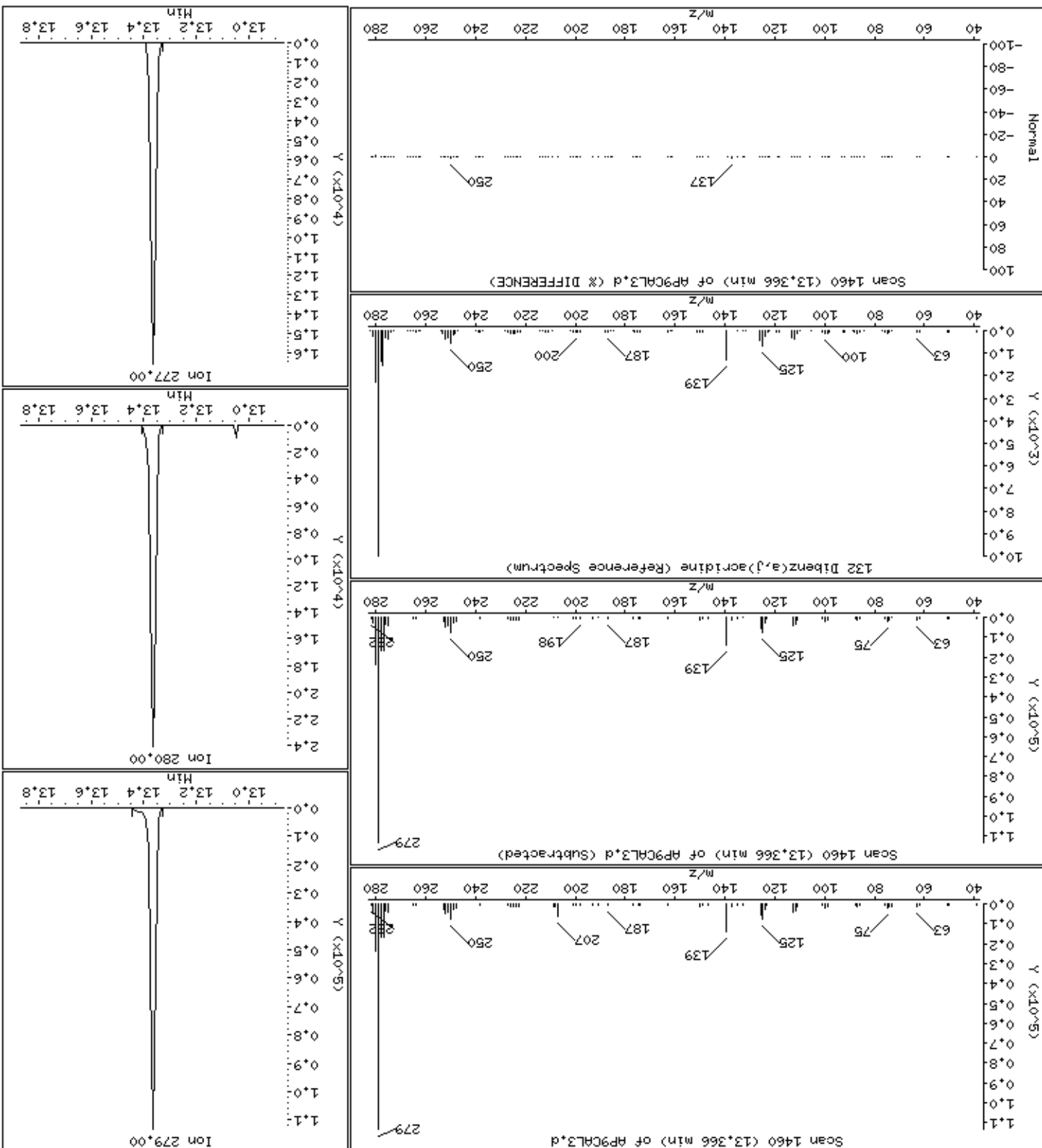
131 3-Methylcholanthrene

Concentration: 19.4 ug/kg



132 Dibenzo(a,j)acridine

Column phase: HPMS-5



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\AP9CAL2.d  
 Lab Smp Id: 47938 Client Smp ID: AP9CAL2  
 Inj Date : 15-NOV-2012 11:09 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47938  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 11:09 Cal File: AP9CAL2.d  
 Als bottle: 46 Calibration Sample, Level: 2  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: ap9cal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
3 2- Picoline CAS #: 109-06-8									
2.794	2.786 ( 0.651)	93	34770	10.0000	10	80.00- 120.00	100.00		
2.793	2.785 ( 0.650)	66	17345			18.85- 78.85	49.88		
2.794	2.786 ( 0.651)	92	7946			0.00- 55.79	22.85		
4 N-Nitrosomethylethylamine CAS #: 10595-95-6									
2.897	2.892 ( 0.675)	88	14977	10.0000	10.0	80.00- 120.00	100.00		
2.897	2.893 ( 0.674)	43	10280			40.05- 100.05	68.64		
2.896	2.892 ( 0.674)	42	17745			84.22- 144.22	118.48		
5 Methyl Methanesulfonate CAS #: 66-27-3									
3.141	3.139 ( 0.731)	80	21014	10.0000	10.3	80.00- 120.00	100.00		
3.141	3.139 ( 0.731)	79	13744			37.37- 97.37	65.40		
3.141	3.139 ( 0.731)	65	4941			0.00- 58.04	23.51		
7 N-Nitrosodiethylamine CAS #: 55-18-5									
3.447	3.445 ( 0.803)	102	14762	10.0000	9.9	80.00- 120.00	100.00		
3.447	3.444 ( 0.803)	42	13253			59.82- 119.82	89.78		
3.447	3.444 ( 0.803)	57	7850			22.61- 82.61	53.18		
8 Ethyl Methanesulfonate CAS #: 62-50-0									
3.691	3.691 ( 0.859)	79	25115	10.0000	10.0	80.00- 120.00	100.00		

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
8 Ethyl Methanesulfonate (continued)									
3.691	3.691	( 0.859)	109	13850			26.91-	86.91	55.15
3.691	3.691	( 0.859)	97	5042			0.00-	49.95	20.08
-----									
12 Pentachloroethane CAS #: 76-01-7									
4.048	4.048	( 0.942)	167	13905	10.0000	10.2	80.00-	120.00	100.00(M)
4.048	4.048	( 0.942)	117	11314			54.61-	114.61	81.37
4.048	4.048	( 0.942)	130	5056			8.16-	68.16	36.36
-----									
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.295	4.294	( 1.000)	152	89763	40.0000		80.00-	120.00	100.00
4.295	4.294	( 1.000)	115	58420			34.81-	94.81	65.08
4.295	4.294	( 1.000)	150	141740			126.51-	186.51	157.90
-----									
24 N-Nitrosopyrrolidine CAS #: 930-55-2									
4.665	4.671	( 1.086)	100	14464	10.0000	9.0	80.00-	120.00	100.00
4.666	4.670	( 1.086)	41	15407			67.29-	127.29	106.52
4.666	4.671	( 1.086)	42	13741			56.85-	116.85	95.00
-----									
25 Acetophenone CAS #: 98-86-2									
4.673	4.675	( 0.855)	105	44474	10.0000	9.9	80.00-	120.00	100.00
4.672	4.675	( 0.855)	77	41610			60.51-	120.51	93.56
4.672	4.674	( 0.855)	51	14204			1.60-	61.60	31.94
-----									
27 N-Nitrosomorpholine CAS #: 59-89-2									
4.680	4.684	( 1.090)	56	20766	10.0000	10.2	80.00-	120.00	100.00
4.680	4.685	( 1.090)	116	6794			2.11-	62.11	32.72
4.680	4.684	( 1.090)	86	10333			18.75-	78.75	49.76
-----									
29 o-Toluidine CAS #: 95-53-4									
4.712	4.715	( 1.097)	106	46722	10.0000	29.5	80.00-	120.00	100.00(H)
4.713	4.715	( 1.097)	77	10439			0.00-	51.90	22.34
4.712	4.715	( 1.097)	107	34739			44.38-	104.38	74.35
-----									
33 N-Nitrosopiperidine CAS #: 100-75-4									
4.966	4.967	( 0.909)	114	14085	10.0000	10.1	80.00-	120.00	100.00
4.965	4.967	( 0.909)	42	20802			123.47-	183.47	147.69
4.965	4.967	( 0.909)	55	10625			53.49-	113.49	75.43
-----									
37 o,o,o-Triethylphosphorothioate CAS #: 126-68-1									
5.262	5.263	( 1.225)	198	16585	10.0000	9.6	80.00-	120.00	100.00
5.261	5.262	( 1.225)	97	13763			54.13-	114.13	82.98
5.261	5.262	( 1.225)	65	12270			38.00-	98.00	73.98
-----									
39 a,a-Dimethylphenethylamine CAS #: 122-09-8									
5.327	5.375	( 0.975)	58	71321	10.0000	9.8	80.00-	120.00	100.00
5.329	5.375	( 0.975)	91	11317			0.00-	50.20	15.87
5.321	5.376	( 0.974)	65	6065			0.00-	36.52	8.50
-----									
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.463	5.463	( 1.000)	136	300021	40.0000		80.00-	120.00	100.00
5.463	5.463	( 1.000)	68	22810			0.00-	37.51	7.60
-----									



AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
46 2,6-Dichlorophenol					CAS #: 87-65-0				
5.558	5.559	( 1.017)	162	22923	10.0000	9.3	80.00-	120.00	100.00
5.557	5.558	( 1.017)	63	17683			41.54-	101.54	77.14
5.557	5.559	( 1.017)	98	6279			0.00-	57.68	27.39
-----									
47 Hexachloropropene					CAS #: 1888-71-7				
5.597	5.597	( 1.025)	213	21604	10.0000	9.2	80.00-	120.00	100.00
5.597	5.597	( 1.025)	215	13568			34.38-	94.38	62.80
5.597	5.597	( 1.025)	117	5764			0.00-	55.68	26.68
-----									
49 N-Nitrosodi-n-butylamine					CAS #: 924-16-3				
5.886	5.890	( 1.077)	84	23991	10.0000	9.9	80.00-	120.00	100.00
5.886	5.890	( 1.077)	57	17829			42.68-	102.68	74.32
5.885	5.889	( 1.077)	41	15263			32.37-	92.37	63.62
-----									
52 Isosafrole					CAS #: 120-58-1				
6.066	6.066	( 1.110)	162	21527	10.0000	9.6	80.00-	120.00	100.00(M)
6.066	6.066	( 1.110)	104	15880			42.25-	102.25	73.77
6.066	6.066	( 1.110)	131	10583			19.87-	79.87	49.16
-----									
56 1,2,4,5-Tetrachlorobenzene					CAS #: 95-94-3				
6.338	6.340	( 0.884)	216	30919	10.0000	9.8	80.00-	120.00	100.00
6.338	6.340	( 0.884)	214	24637			49.18-	109.18	79.68
6.338	6.339	( 0.884)	108	5915			0.00-	50.98	19.13
-----									
60 Safrole					CAS #: 94-59-7				
6.558	6.558	( 1.200)	162	18598	10.0000	9.5	80.00-	120.00	100.00
6.558	6.558	( 1.200)	104	11574			32.30-	92.30	62.23
6.558	6.557	( 1.200)	77	6777			6.02-	66.02	36.44
-----									
64 1,4-Naphthoquinone					CAS #: 130-15-4				
6.781	6.782	( 0.946)	158	17819	10.0000	9.0	80.00-	120.00	100.00
6.781	6.782	( 0.946)	102	15698			56.55-	116.55	88.10
6.781	6.782	( 0.946)	130	8987			19.11-	79.11	50.43
-----									
66 1,3-Dinitrobenzene					CAS #: 99-65-0				
6.957	6.959	( 0.971)	168	9544	10.0000	9.6	80.00-	120.00	100.00
6.957	6.958	( 0.971)	75	11276			91.84-	151.84	118.15
6.956	6.958	( 0.971)	50	9113			68.52-	128.52	95.48
-----									
* 70 Acenaphthene-d10					CAS #: 15067-26-2				
7.168	7.167	( 1.000)	164	190121	40.0000		80.00-	120.00	100.00
7.168	7.168	( 1.000)	162	179995			66.12-	126.12	94.67
7.168	7.167	( 1.000)	160	81218			13.21-	73.21	42.72
-----									
73 Pentachlorobenzene					CAS #: 608-93-5				
7.375	7.376	( 1.029)	250	28110	10.0000	9.7	80.00-	120.00	100.00
7.375	7.376	( 1.029)	252	17448			34.86-	94.86	62.07
7.374	7.375	( 1.029)	108	8360			0.00-	59.93	29.74
-----									
77 1-Naphthylamine					CAS #: 134-32-7				
7.432	7.433	( 1.037)	143	50970	10.0000	9.8	80.00-	120.00	100.00
7.432	7.433	( 1.037)	115	27533			24.25-	84.25	54.02

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
77 1-Naphthylamine (continued)									
7.432	7.434	( 1.037)	89	5681			0.00-	40.79	11.15
-----									
78 2,3,4,6-Tetrachlorophenol CAS #: 58-90-2									
7.513	7.514	( 1.048)	232	14111	10.0000	8.7	80.00-	120.00	100.00
7.513	7.514	( 1.048)	168	4253			0.00-	58.61	30.14
7.513	7.513	( 1.048)	131	6660			18.06-	78.06	47.20
-----									
79 2-Naphthylamine CAS #: 91-59-8									
7.502	7.505	( 1.047)	143	56280	10.0000	9.6	80.00-	120.00	100.00
7.502	7.504	( 1.047)	115	31218			24.63-	84.63	55.47
7.502	7.505	( 1.047)	116	12737			0.00-	52.80	22.63
-----									
83 5-Nitro-ortho-toluidine CAS #: 99-55-8									
7.726	7.731	( 1.078)	152	16771	10.0000	9.6	80.00-	120.00	100.00
7.726	7.731	( 1.078)	106	13629			49.62-	109.62	81.27
7.726	7.731	( 1.078)	77	19704			86.78-	146.78	117.49
-----									
90 1,3,5-Trinitrobenzene CAS #: 99-35-4									
8.107	8.109	( 1.131)	75	34158	10.0000	10	80.00-	120.00	100.00
8.107	8.109	( 1.131)	74	19535			29.31-	89.31	57.19
8.108	8.110	( 1.131)	213	12076			6.52-	66.52	35.35
-----									
89 Diallate CAS #: 2303-16-4									
8.132	8.132	( 1.135)	86	31411	10.0000	10.0	80.00-	120.00	100.00(M)
8.132	8.132	( 1.135)	43	37688			64.61-	124.61	119.98
8.132	8.132	( 1.135)	234	13128			1.00-	61.00	41.79
-----									
92 Phenacetin CAS #: 62-44-2									
8.139	8.150	( 0.946)	109	33783	10.0000	9.3	80.00-	120.00	100.00
8.140	8.150	( 0.946)	108	33386			70.78-	130.78	98.82
8.140	8.150	( 0.946)	179	17489			22.17-	82.17	51.77
-----									
91 p-Phenylenediamine CAS #: 106-50-3									
8.140	8.150	( 0.946)	108	33386	10.0000	9.4	80.00-	120.00	100.00
8.139	8.150	( 0.946)	80	7099			0.00-	51.04	21.26
8.139	8.149	( 0.946)	53	4397			0.00-	43.69	13.17
-----									
97 Pentachloronitrobenzene CAS #: 82-68-8									
8.557	8.560	( 0.995)	237	11283	10.0000	10.4	80.00-	120.00	100.00
8.558	8.560	( 0.995)	295	3553			6.13-	66.13	31.49
8.557	8.559	( 0.995)	142	7627			37.48-	97.48	67.60
-----									
98 4-Aminobiphenyl CAS #: 92-67-1									
8.423	8.425	( 0.979)	169	64713	10.0000	9.6	80.00-	120.00	100.00
8.423	8.425	( 0.979)	168	13461			0.00-	51.69	20.80
8.423	8.424	( 0.979)	115	7284			0.00-	41.29	11.26
-----									
99 Pronamide CAS #: 23950-58-5									
8.518	8.523	( 0.990)	173	29913	10.0000	9.3	80.00-	120.00	100.00
8.518	8.523	( 0.990)	175	20497			37.21-	97.21	68.52
8.518	8.523	( 0.990)	145	10553			6.07-	66.07	35.28
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.603	8.604	( 1.000)	188	337589	40.0000		80.00-	120.00	100.00
8.602	8.604	( 1.000)	94	34951			0.00-	40.39	10.35
8.603	8.603	( 1.000)	80	39625			0.00-	41.55	11.74
-----									
102 Dinoseb						CAS #: 88-85-7			
8.663	8.663	( 1.007)	211	11273	10.0000	9.9	80.00-	120.00	100.00
8.663	8.663	( 1.007)	163	4664			16.26-	76.26	41.37
8.663	8.663	( 1.007)	117	3547			0.00-	57.53	31.46
-----									
106 4-Nitroquinoline-1-oxide						CAS #: 56-57-5			
8.517	8.525	( 0.990)	174	2928	10.0000	9.4	80.00-	120.00	100.00(M)
8.525	8.517	( 0.991)	128	0	0.00	0.00	0.00-	30.00	0.00
8.525	8.517	( 0.991)	101	0	0.00	0.00	0.00-	30.00	0.00
-----									
107 Methapyrilene						CAS #: 91-80-5			
9.510	9.510	( 1.105)	97	39208	10.0000	11.2	80.00-	120.00	100.00
9.510	9.510	( 1.105)	58	47821			97.04-	157.04	121.97
9.510	9.510	( 1.105)	191	6015			0.00-	44.49	15.34
-----									
108 Isodrin						CAS #: 465-73-6			
9.669	9.669	( 1.124)	193	11570	10.0000	9.6	80.00-	120.00	100.00
9.668	9.668	( 1.124)	66	9284			53.06-	113.06	80.24
9.669	9.669	( 1.124)	195	9956			59.05-	119.05	86.05
-----									
113 Aramite						CAS #: 140-57-8			
10.254	10.261	( 0.915)	185	13425	10.0000	9.3	80.00-	120.00	100.00(M)
10.182	10.182	( 0.908)	191	6528			18.05-	78.05	48.63
10.182	10.182	( 0.908)	319	3134			0.00-	55.81	23.34
-----									
114 p-Dimethylamino azobenzene						CAS #: 60-11-7			
10.333	10.334	( 0.922)	225	22271	10.0000	9.4	80.00-	120.00	100.00
10.333	10.334	( 0.922)	120	29833			107.72-	167.72	133.95
10.333	10.334	( 0.922)	77	20861			69.64-	129.64	93.67
-----									
115 Chlorobenzilate						CAS #: 510-15-6			
10.388	10.388	( 0.927)	251	31601	10.0000	9.6	80.00-	120.00	100.00
10.388	10.388	( 0.927)	253	20734			35.05-	95.05	65.61
10.387	10.388	( 0.926)	139	36924			88.99-	148.99	116.84
-----									
116 Kepone						CAS #: 143-50-0			
10.687	10.690	( 0.953)	272	10594	10.0000	11.3	80.00-	120.00	100.00
10.687	10.690	( 0.953)	274	7741			51.38-	111.38	73.07
10.687	10.690	( 0.953)	237	4916			13.59-	73.59	46.40
-----									
117 3,3-Dimethylbenzidine						CAS #: 119-93-7			
10.654	10.657	( 0.950)	212	62087	10.0000	10.6	80.00-	120.00	100.00
10.653	10.656	( 0.950)	106	7213			0.00-	39.77	11.62
10.654	10.657	( 0.950)	180	4527			0.00-	38.39	7.29
-----									
119 2-Acetylaminofluorene						CAS #: 53-96-3			
10.914	10.920	( 0.973)	181	36054	10.0000	10	80.00-	120.00	100.00
10.914	10.920	( 0.973)	223	20515			22.99-	82.99	56.90

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
119 2-Acetylaminofluorene (continued)									
10.914	10.920	( 0.973)	180	29583			47.24-	107.24	82.05
-----									
* 121 Chrysene-d12					CAS #: 1719-03-5				
11.212	11.211	( 1.000)	240	365561	40.0000		80.00-	120.00	100.00
11.211	11.210	( 1.000)	120	37343			0.00-	40.02	10.22
11.211	11.210	( 1.000)	236	90429			0.00-	54.50	24.74
-----									
126 7,12-Dimethylbenz(a)anthracen					CAS #: 57-97-6				
12.208	12.210	( 0.974)	256	41056	10.0000	9.1	80.00-	120.00	100.00
12.208	12.210	( 0.974)	241	23045			24.64-	84.64	56.13
12.208	12.210	( 0.974)	239	19617			16.31-	76.31	47.78
-----									
* 130 Perylene-d12					CAS #: 1520-96-3				
12.534	12.532	( 1.000)	264	339493	40.0000		80.00-	120.00	100.00
12.534	12.533	( 1.000)	260	74560			0.00-	52.70	21.96
12.534	12.532	( 1.000)	265	71836			0.00-	52.11	21.16
-----									
131 3-Methylcholanthrene					CAS #: 56-49-5				
12.819	12.822	( 1.023)	268	29136	10.0000	8.9	80.00-	120.00	100.00
12.819	12.821	( 1.023)	252	12896			13.86-	73.86	44.26
12.819	12.822	( 1.023)	253	16787			11.25-	71.25	57.62
-----									
132 Dibenz(a,j)acridine					CAS #: 224-42-0				
13.364	13.369	( 1.066)	279	66247	10.0000	9.3	80.00-	120.00	100.00
13.364	13.369	( 1.066)	280	14225			0.00-	52.83	21.47
13.365	13.369	( 1.066)	277	8756			0.00-	44.54	13.22
-----									

QC Flag Legend

- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

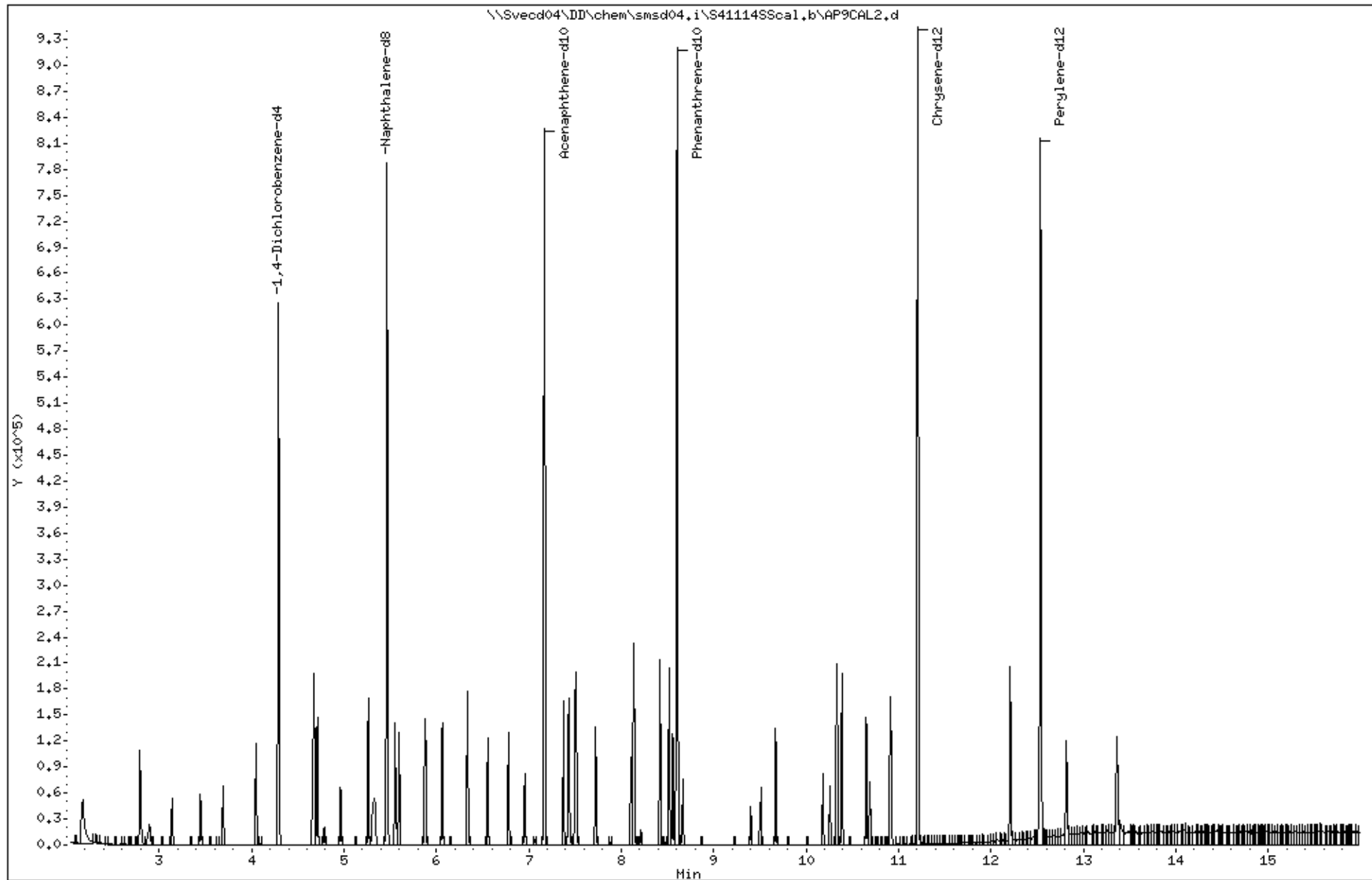
Sample Info: 47938

Instrument: smsd04.i

Operator: MJ

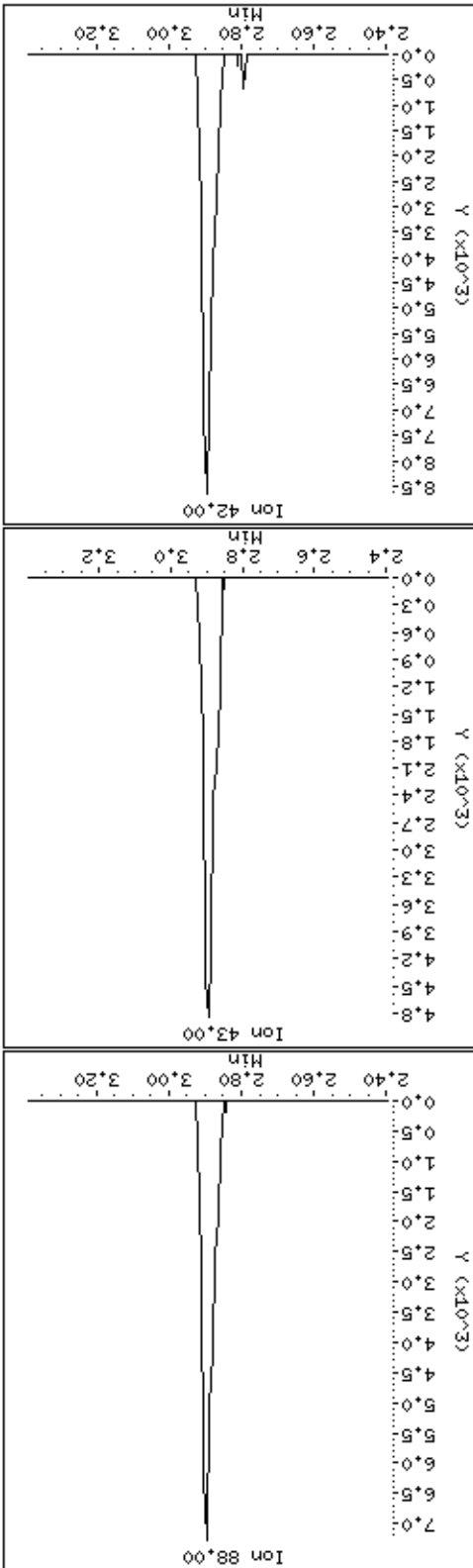
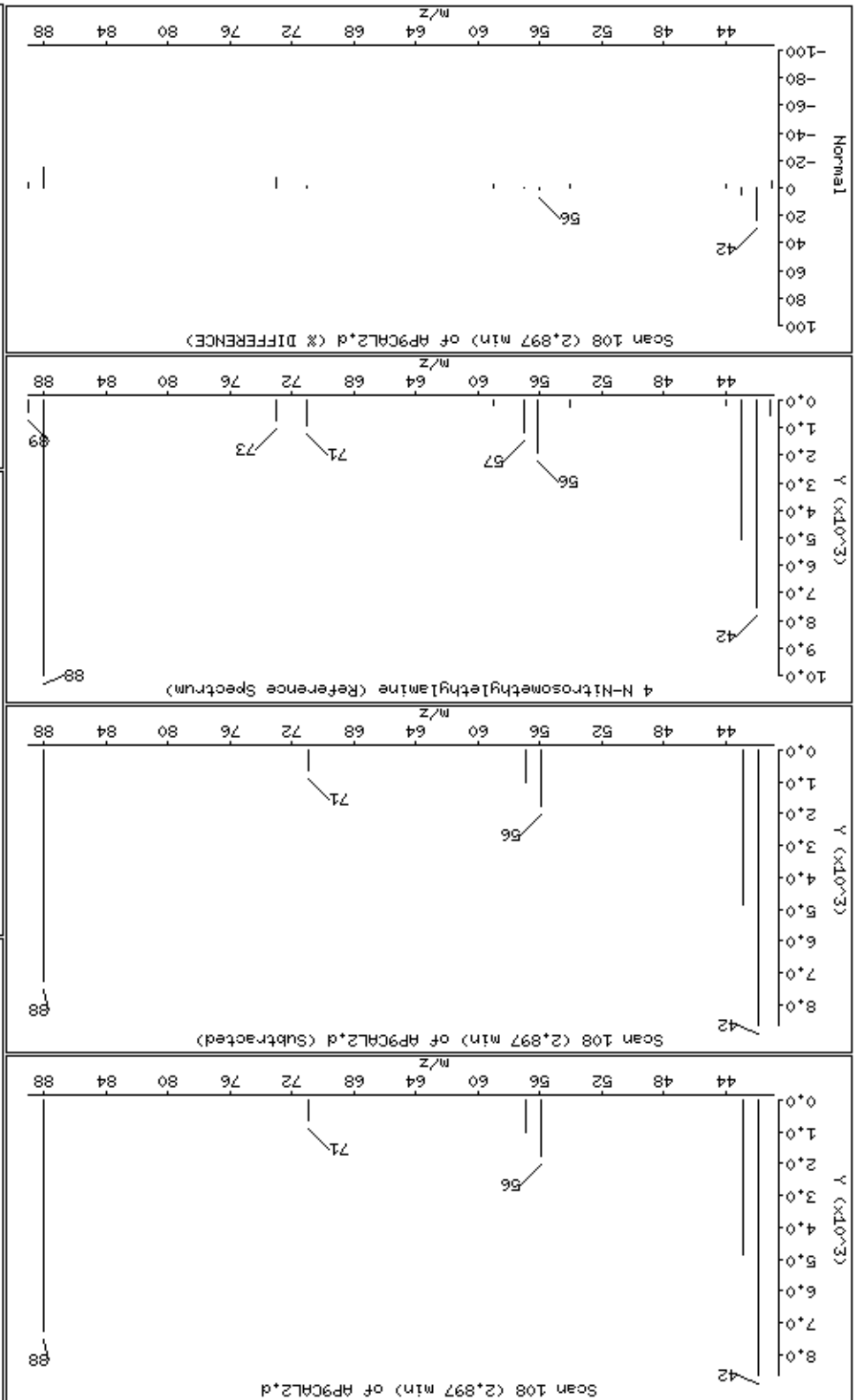
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Column phase: HPMS-5

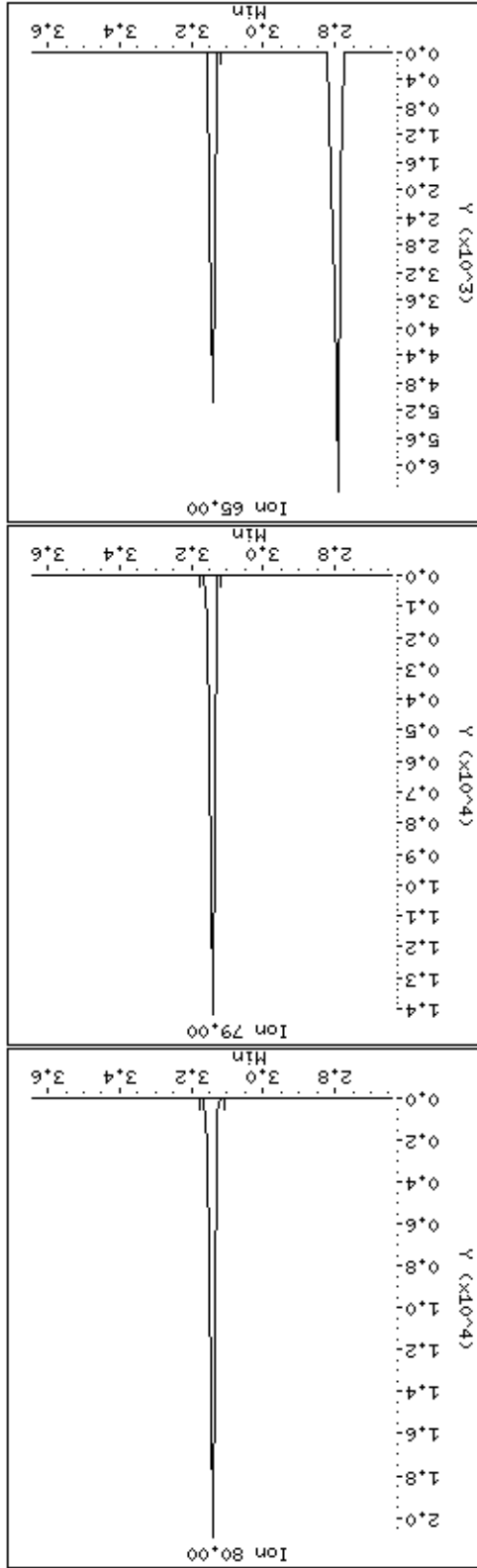
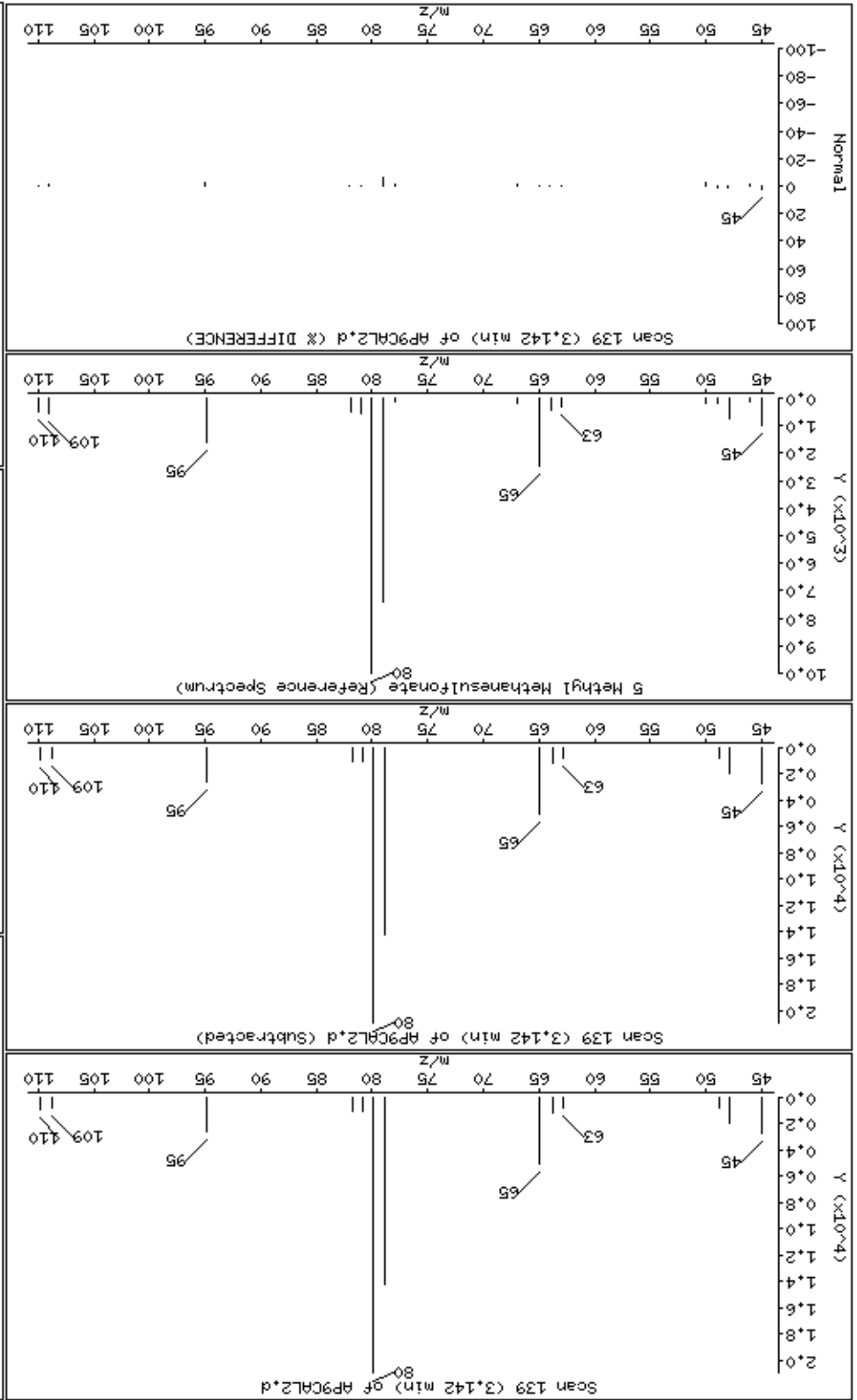




4-N-Nitrosomethylethylamine

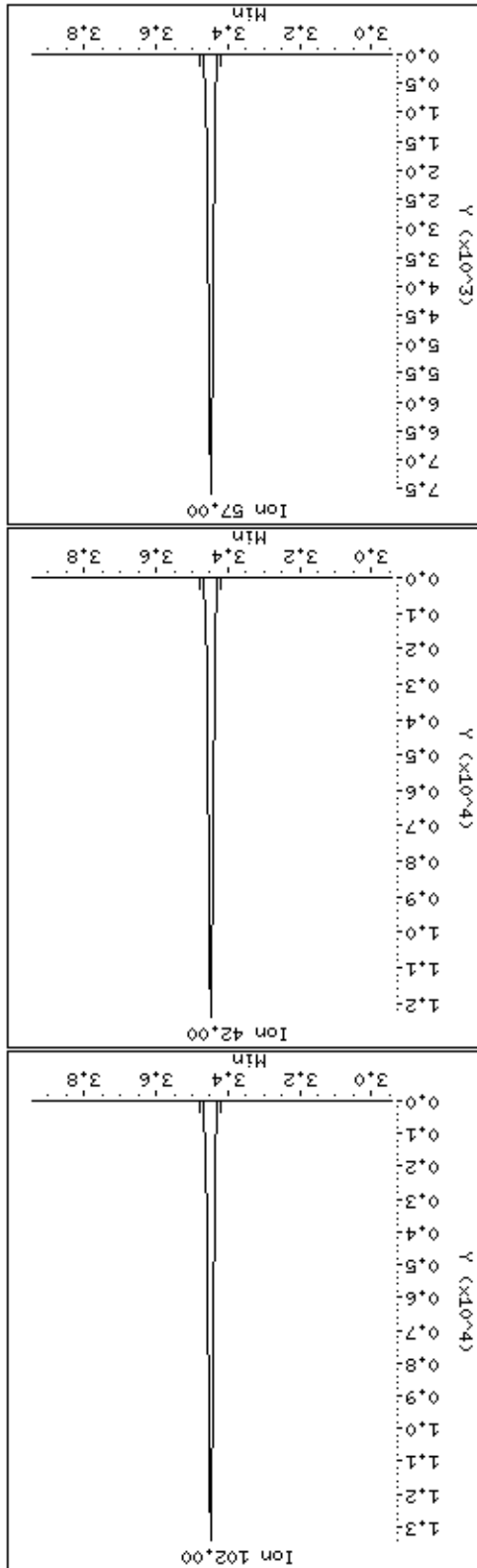
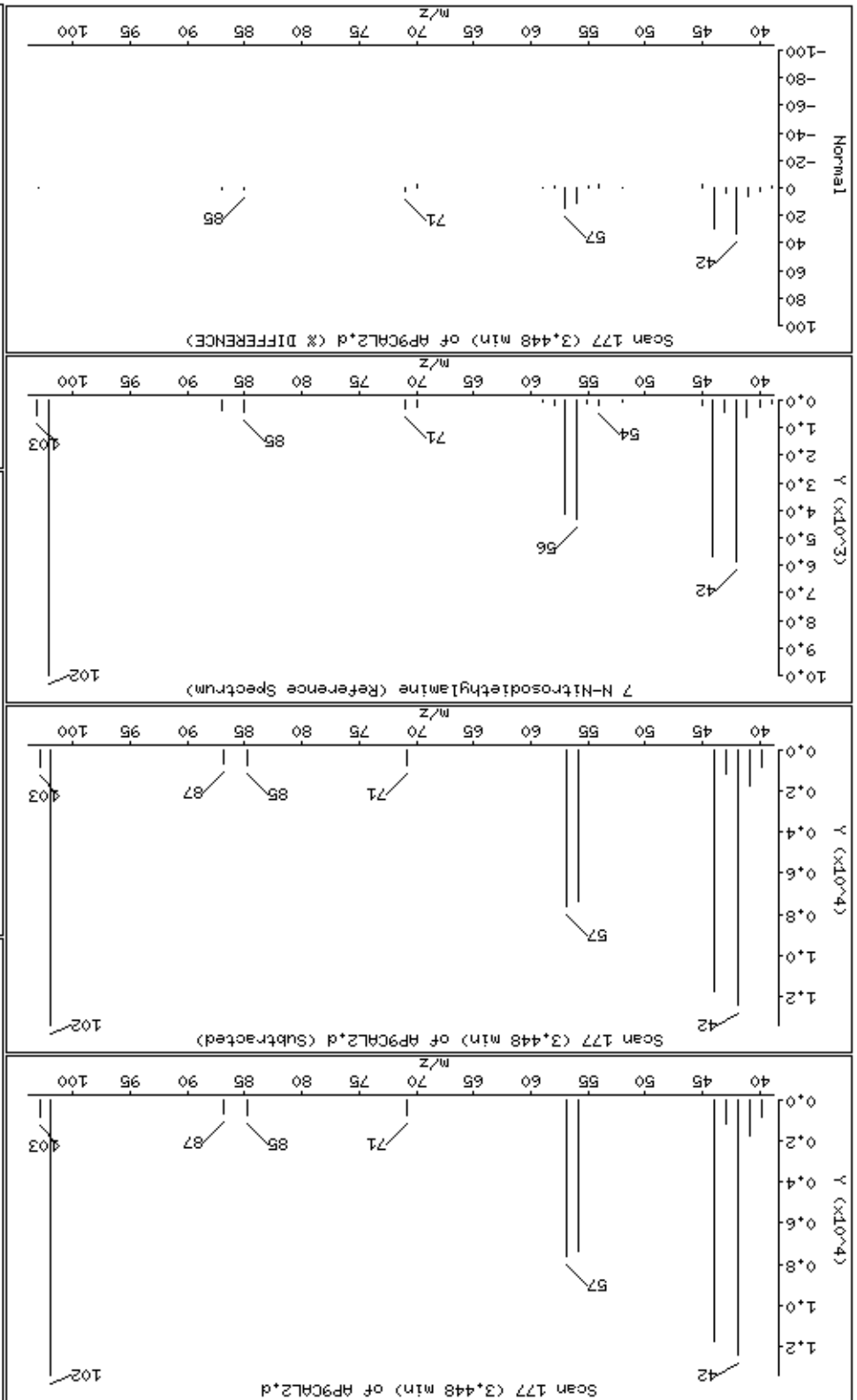


5 Methyl Methanesulfonate





7-Nitrosodietilamine



Date: 15-NOV-2012 11:09

Client ID: AP9CAL2

Sample Info: 47938

Operator: MJ

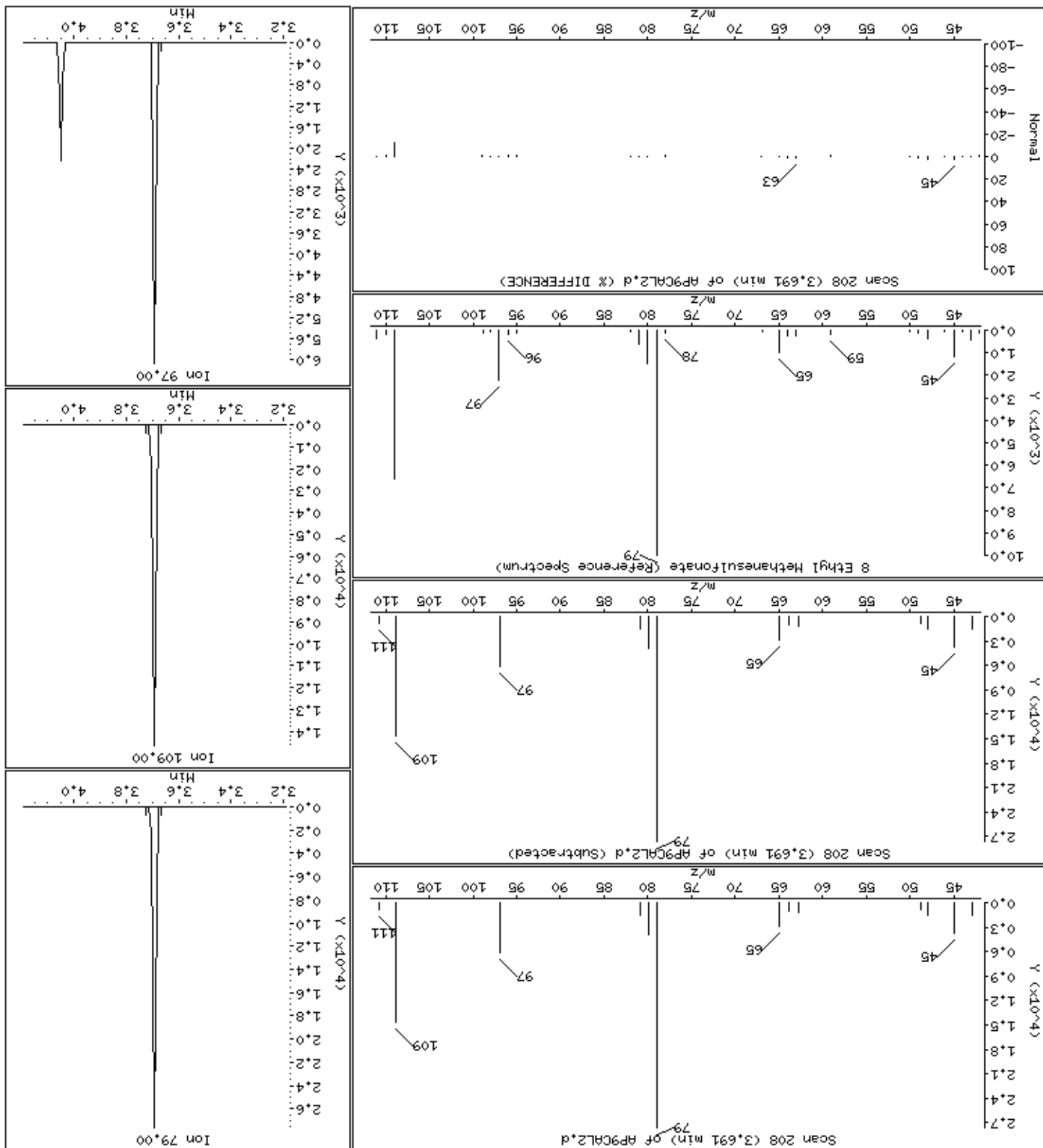
Column diameter: 0.25

Concentration: 10.0 ug/kg

Instrument: smsd04.1

8 Ethyl Methanesulfonate

Column phase: HPMS-5



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

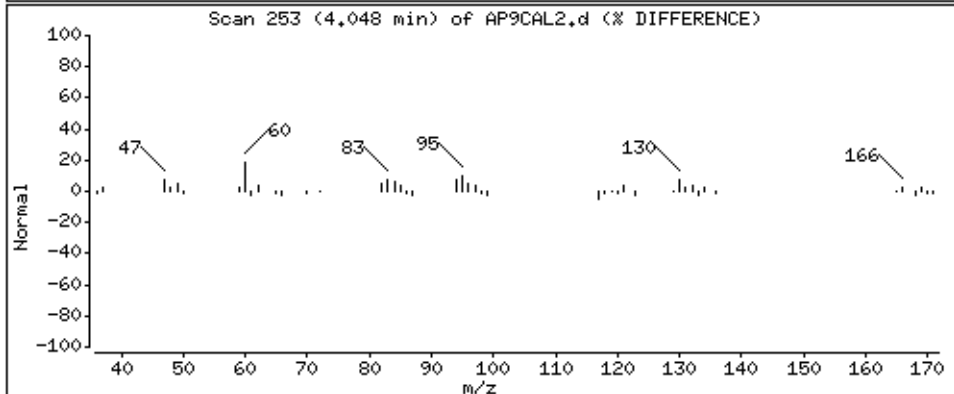
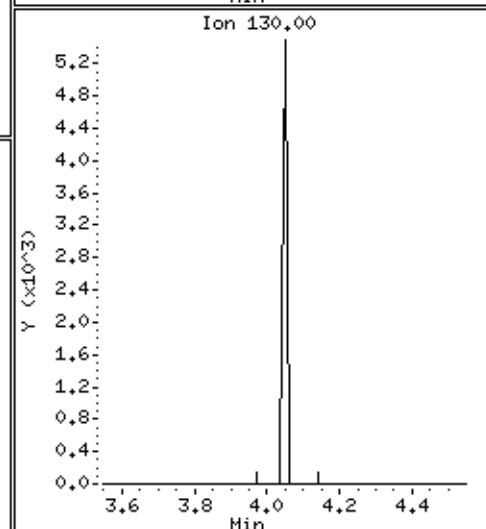
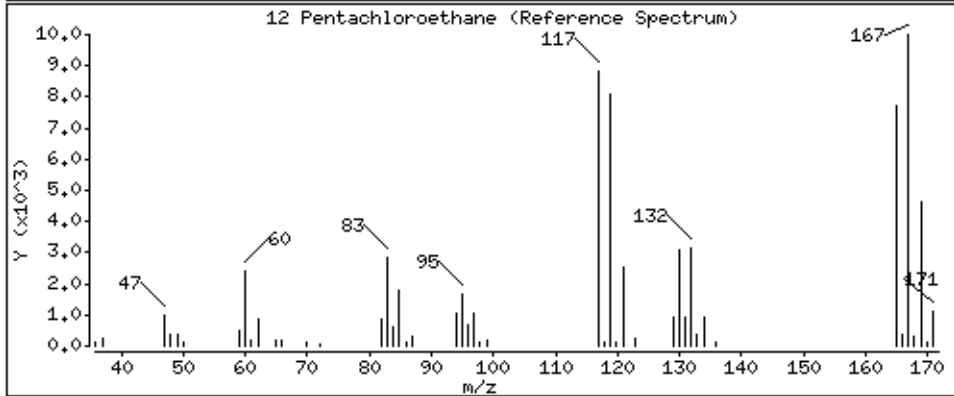
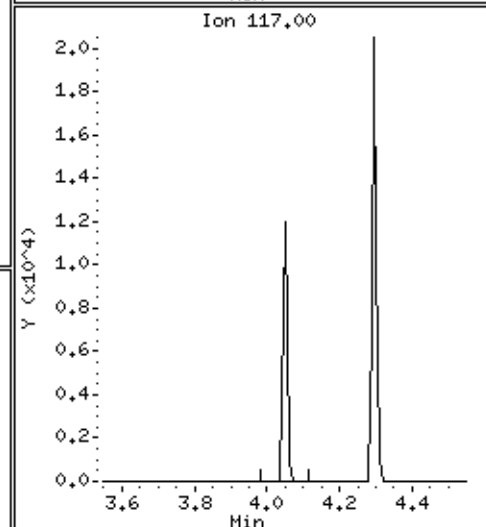
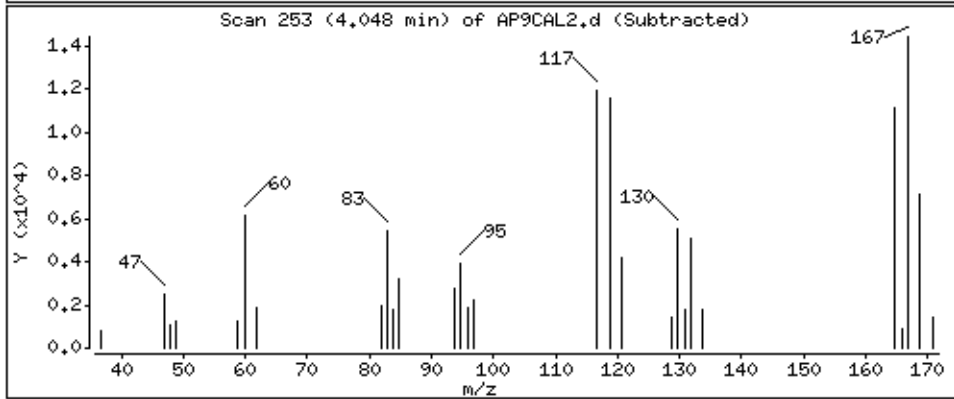
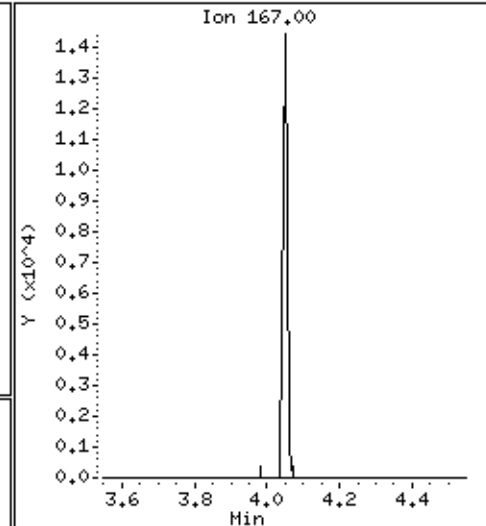
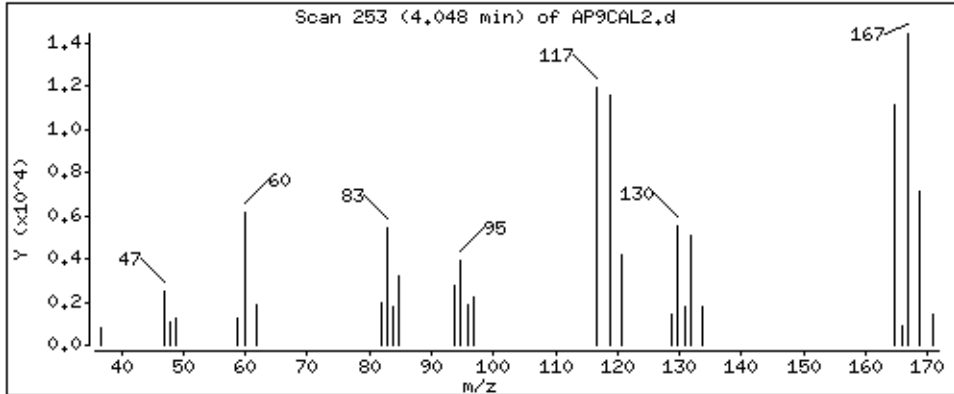
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

12 Pentachloroethane

Concentration: 10,2 ug/kg



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

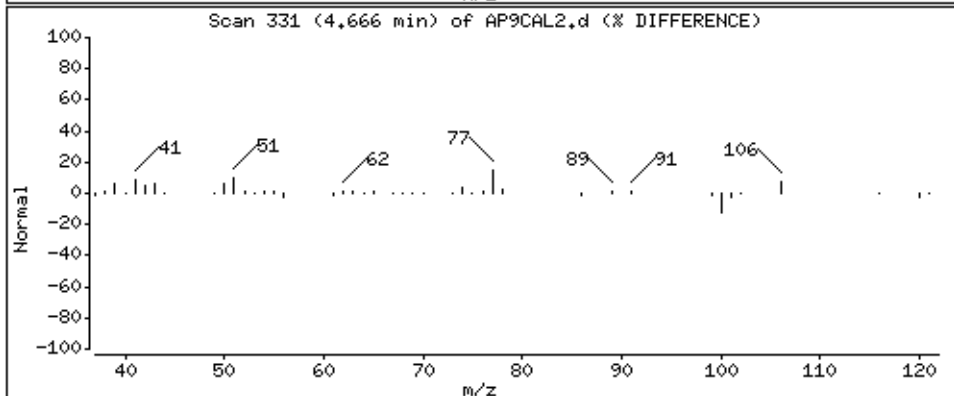
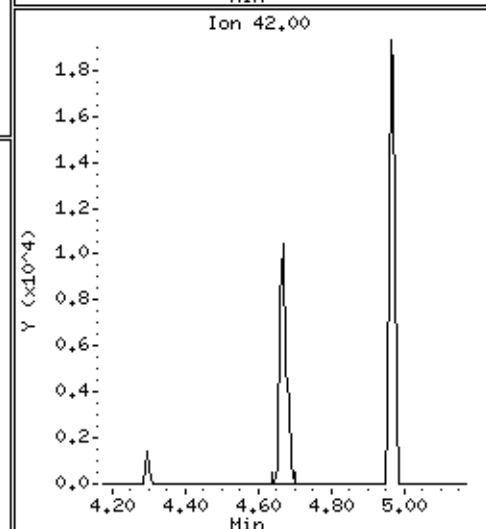
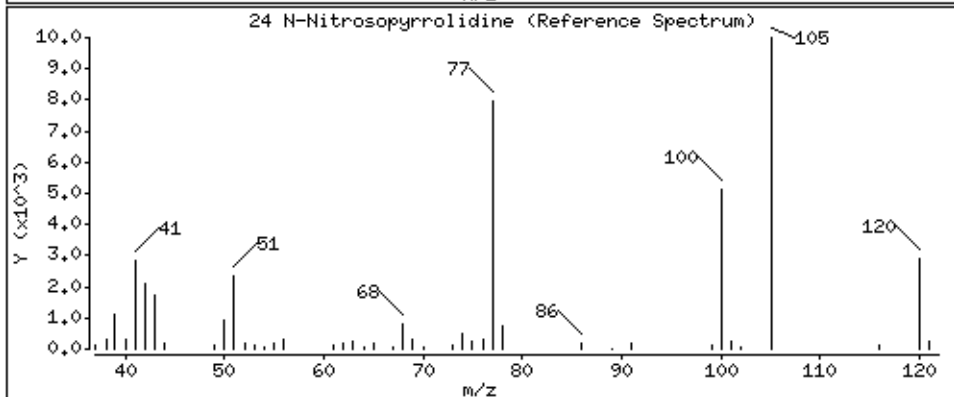
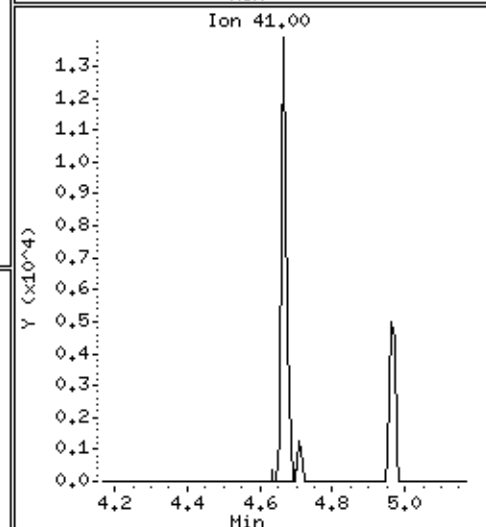
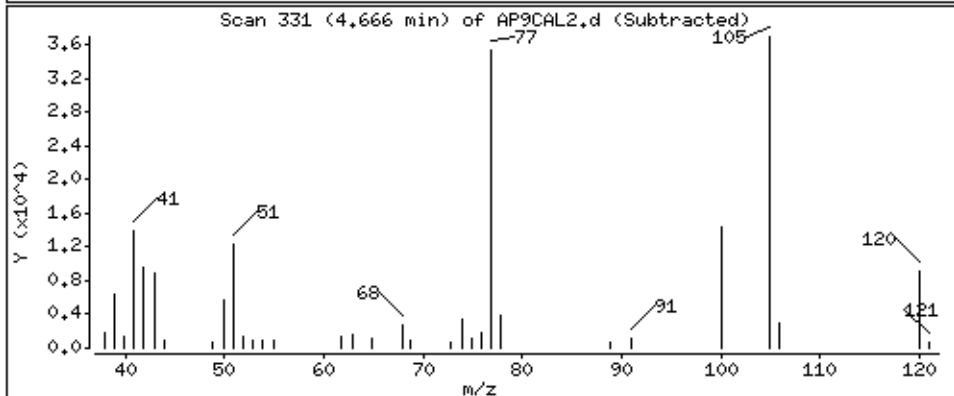
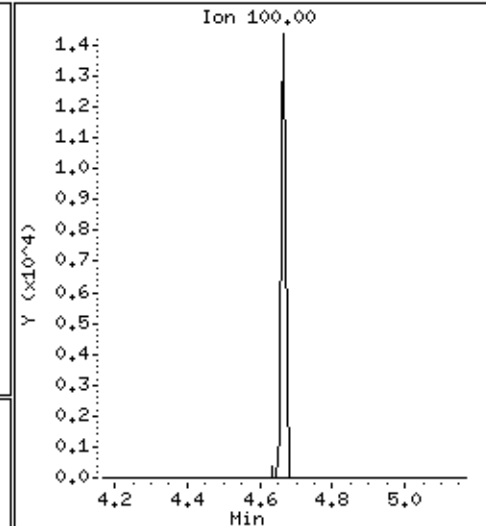
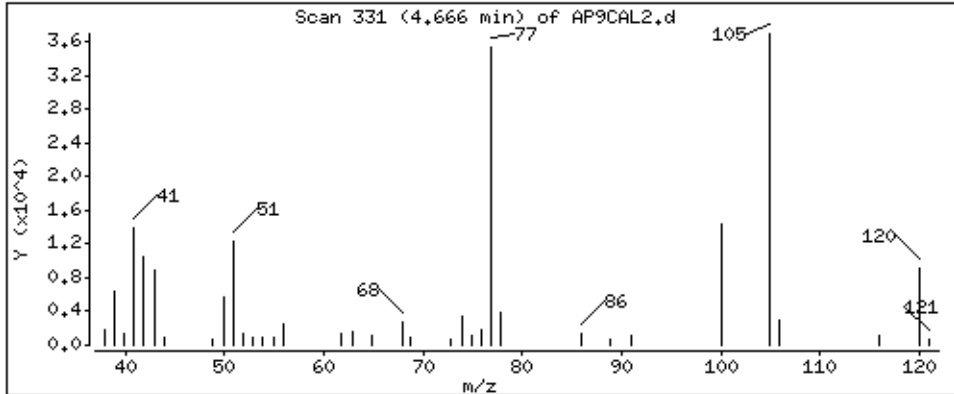
Operator: MJ

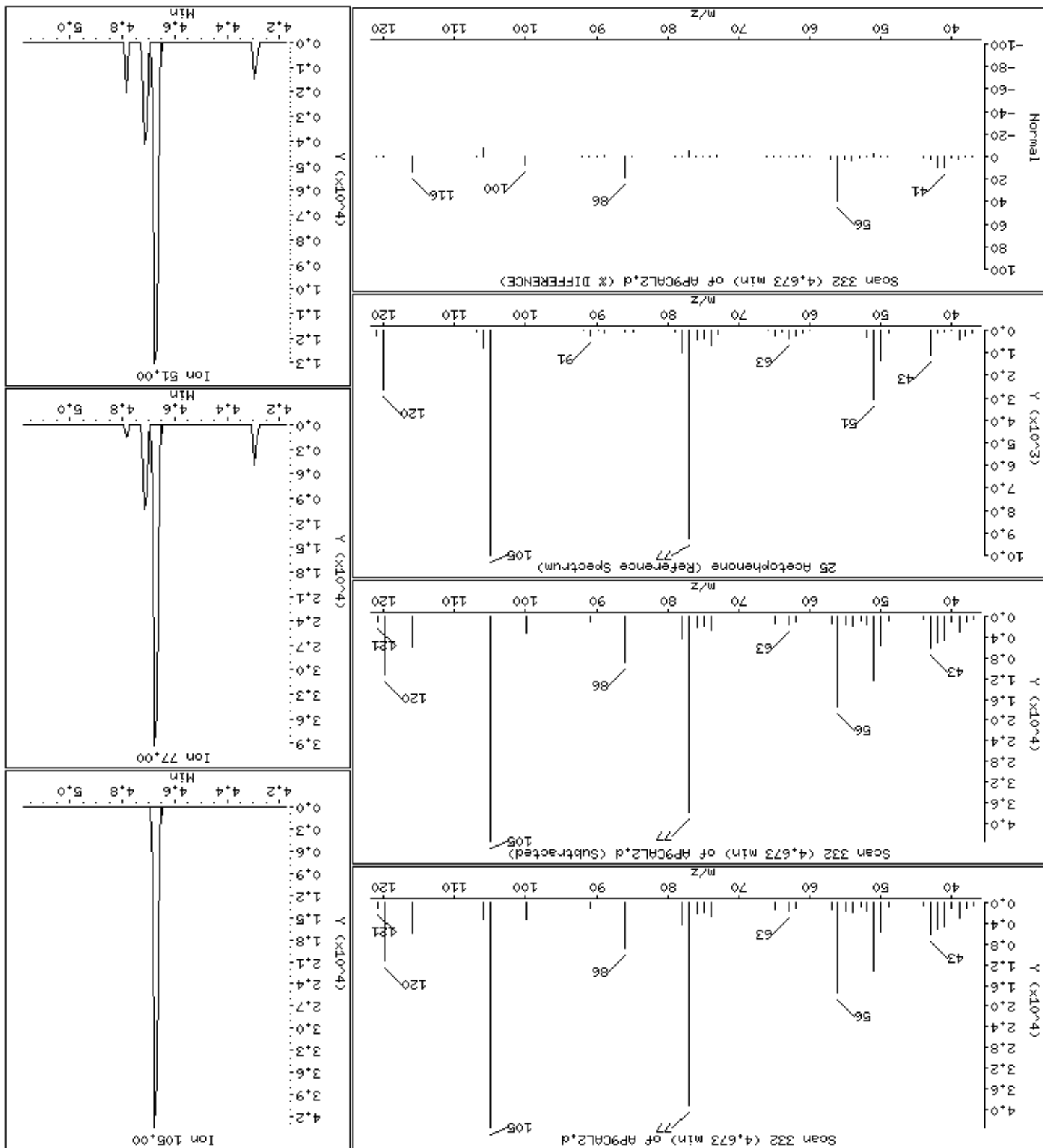
Column phase: HPMS-5

Column diameter: 0,25

24 N-Nitrosopyrrolidine

Concentration: 9,0 ug/kg





Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

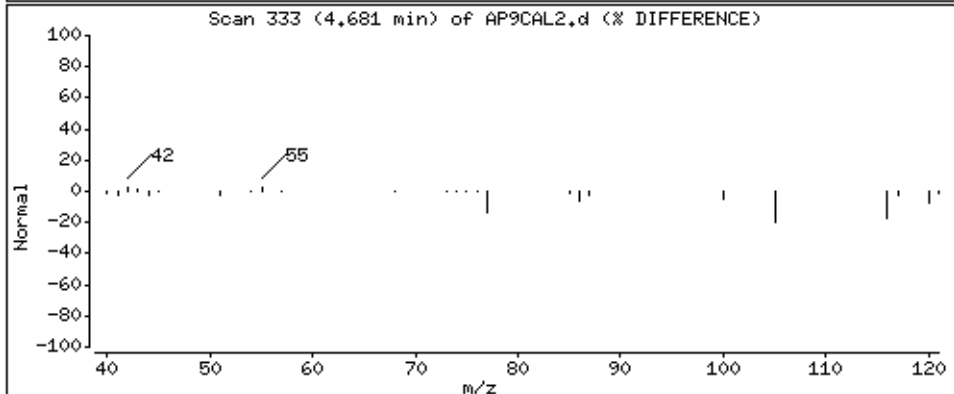
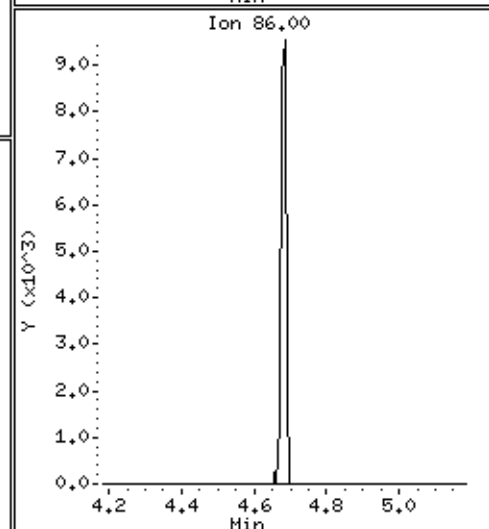
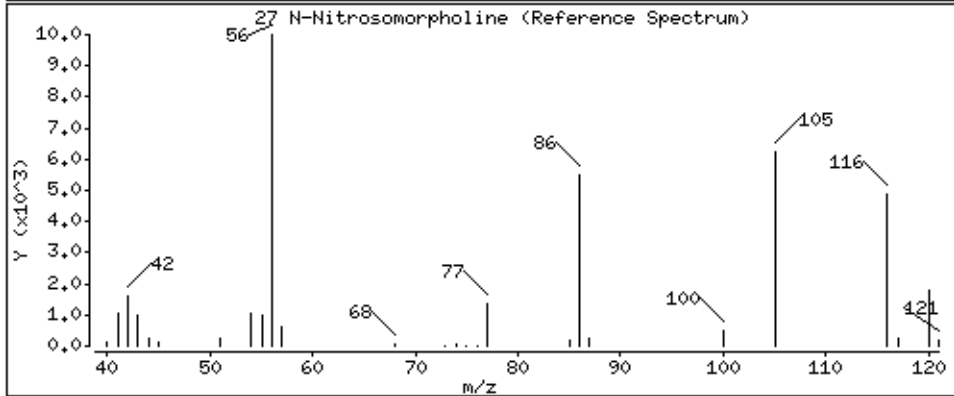
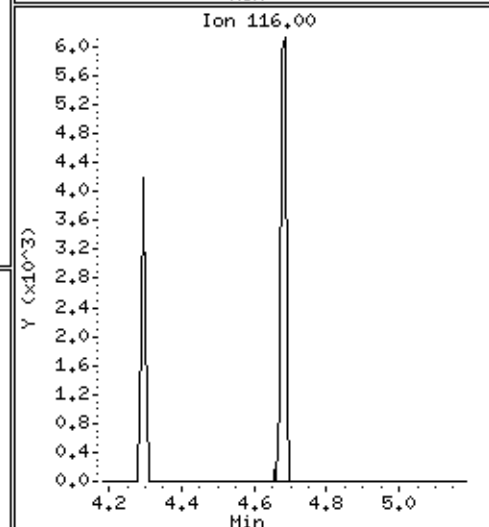
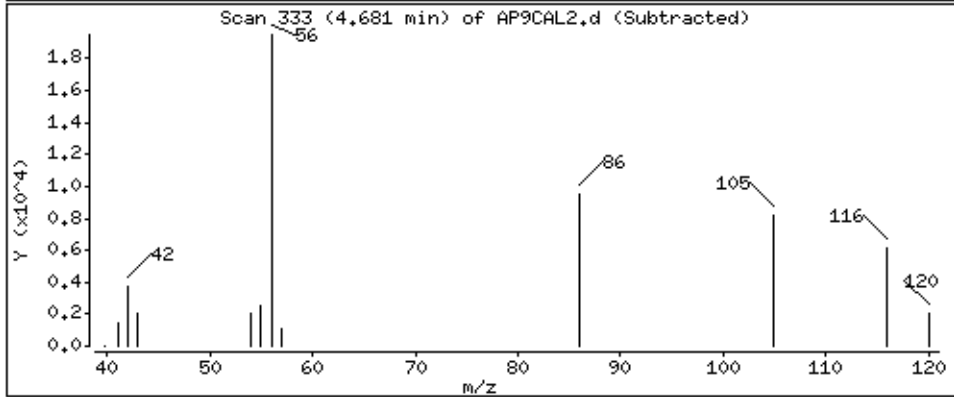
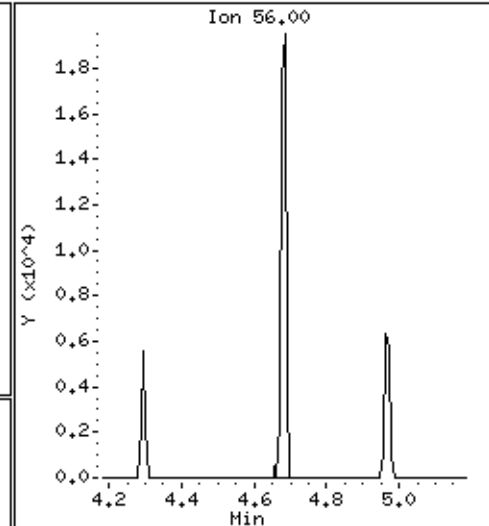
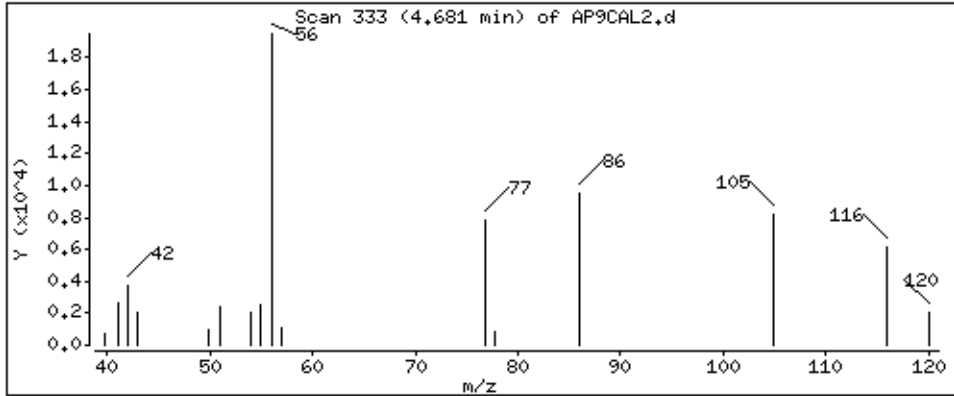
Operator: MJ

Column phase: HPHS-5

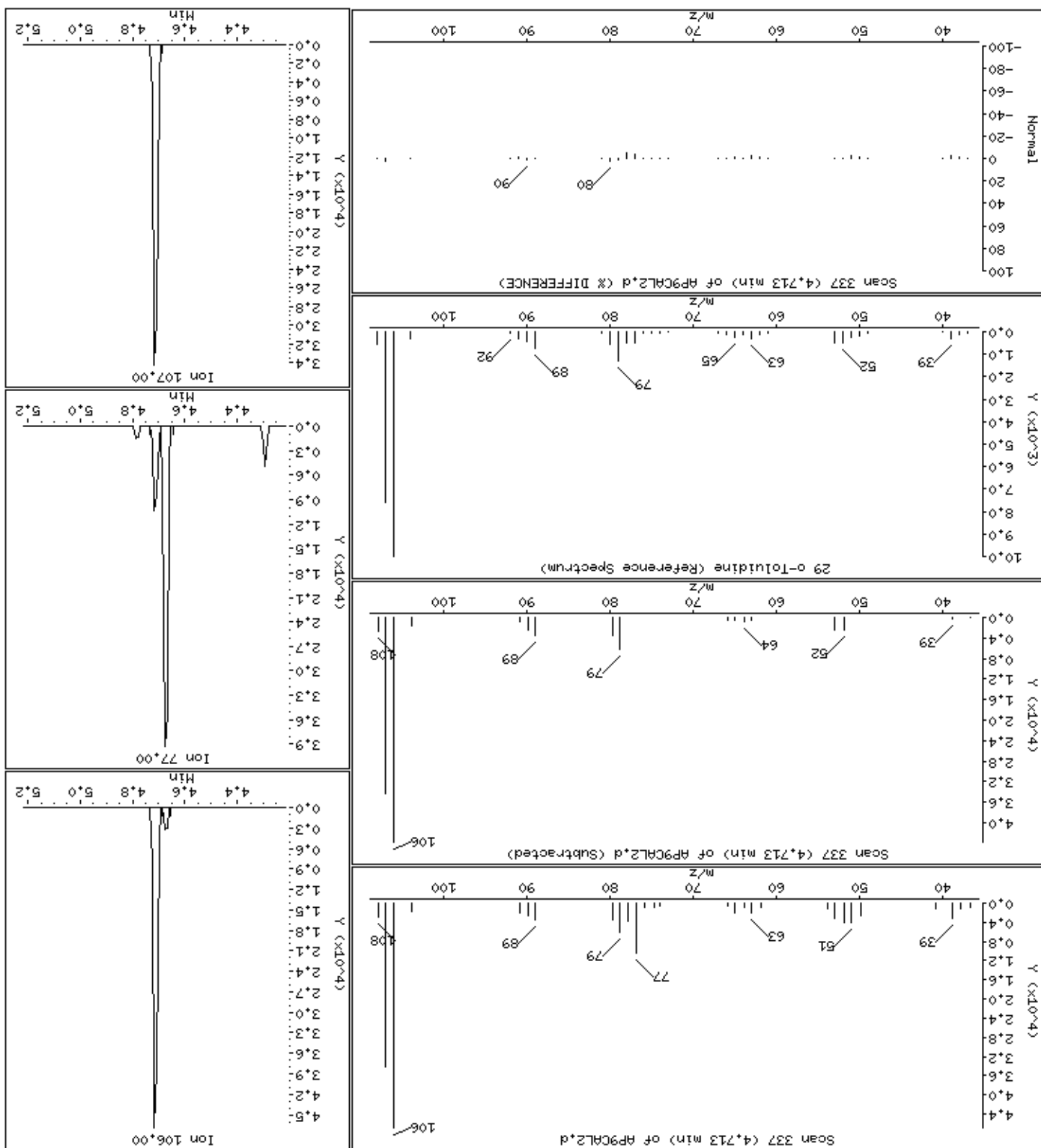
Column diameter: 0,25

27 N-Nitrosomorpholine

Concentration: 10,2 ug/kg

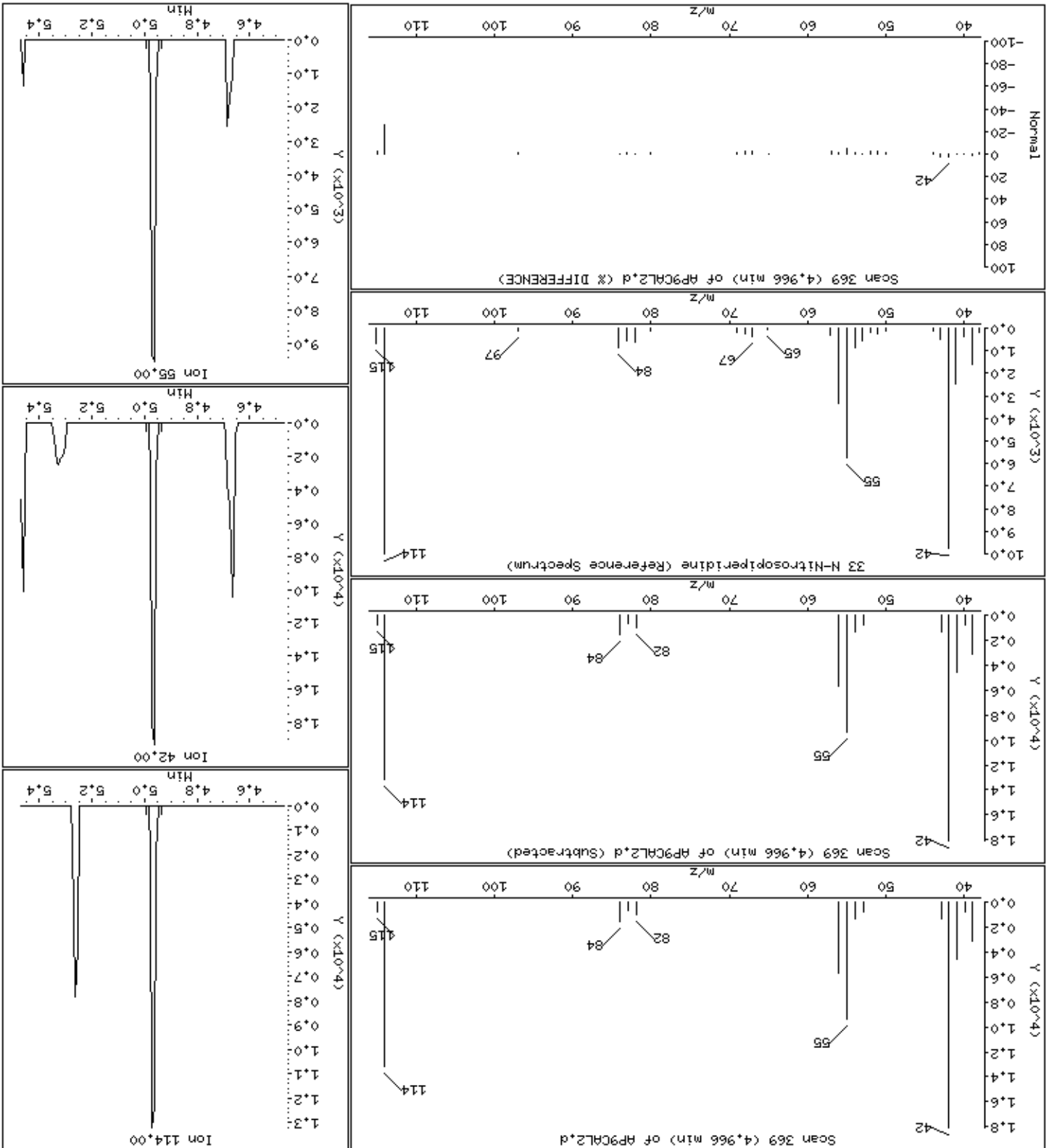


29-o-Toluidine



33 N-Nitrosopiperidine

Column phase: HPMS-5





Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

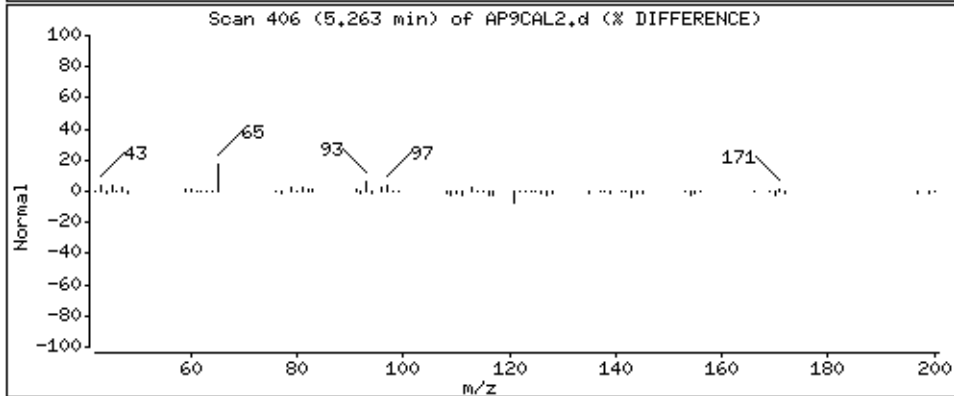
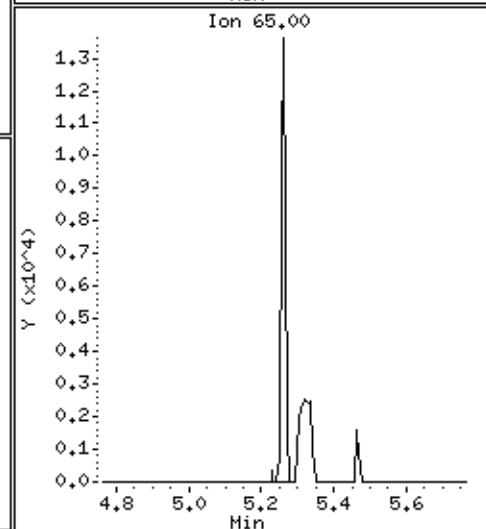
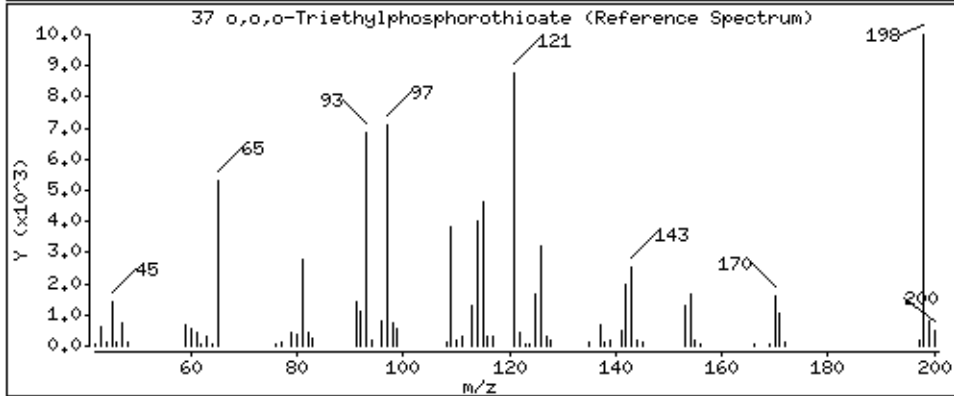
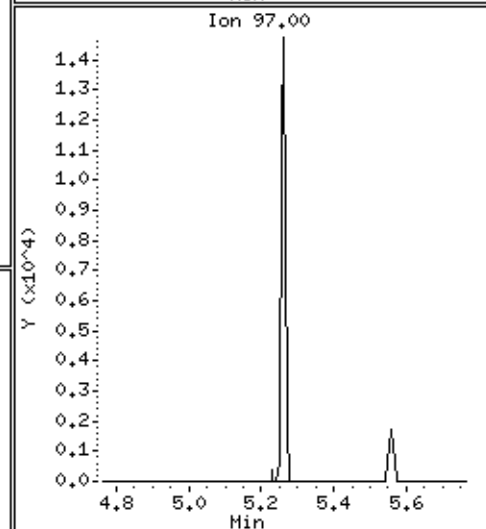
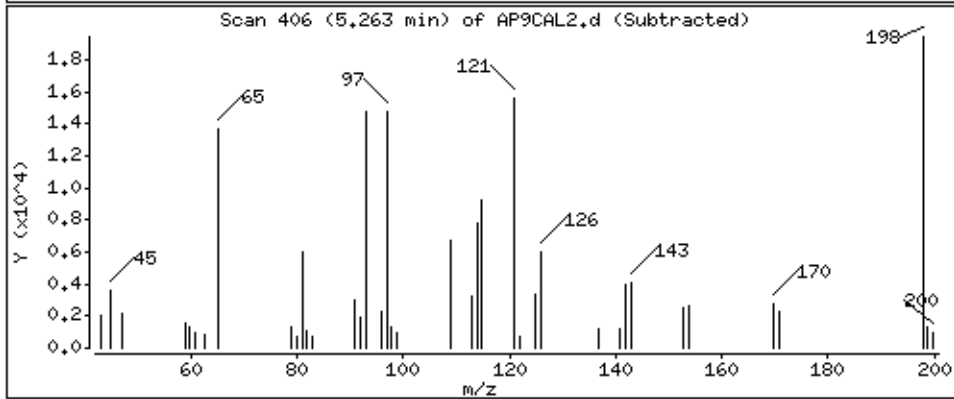
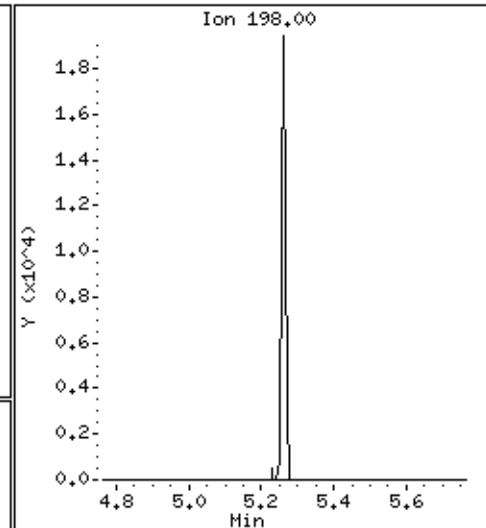
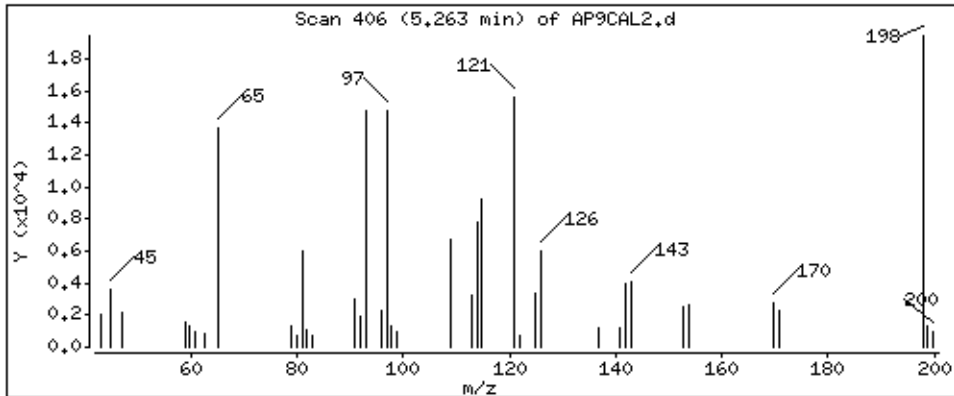
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

37 o,o,o-Triethylphosphorothioate

Concentration: 9,6 ug/kg



Date: 15-NOV-2012 11:09

Client ID: AP9CAL2

Sample Info: 47938

Operator: MJ

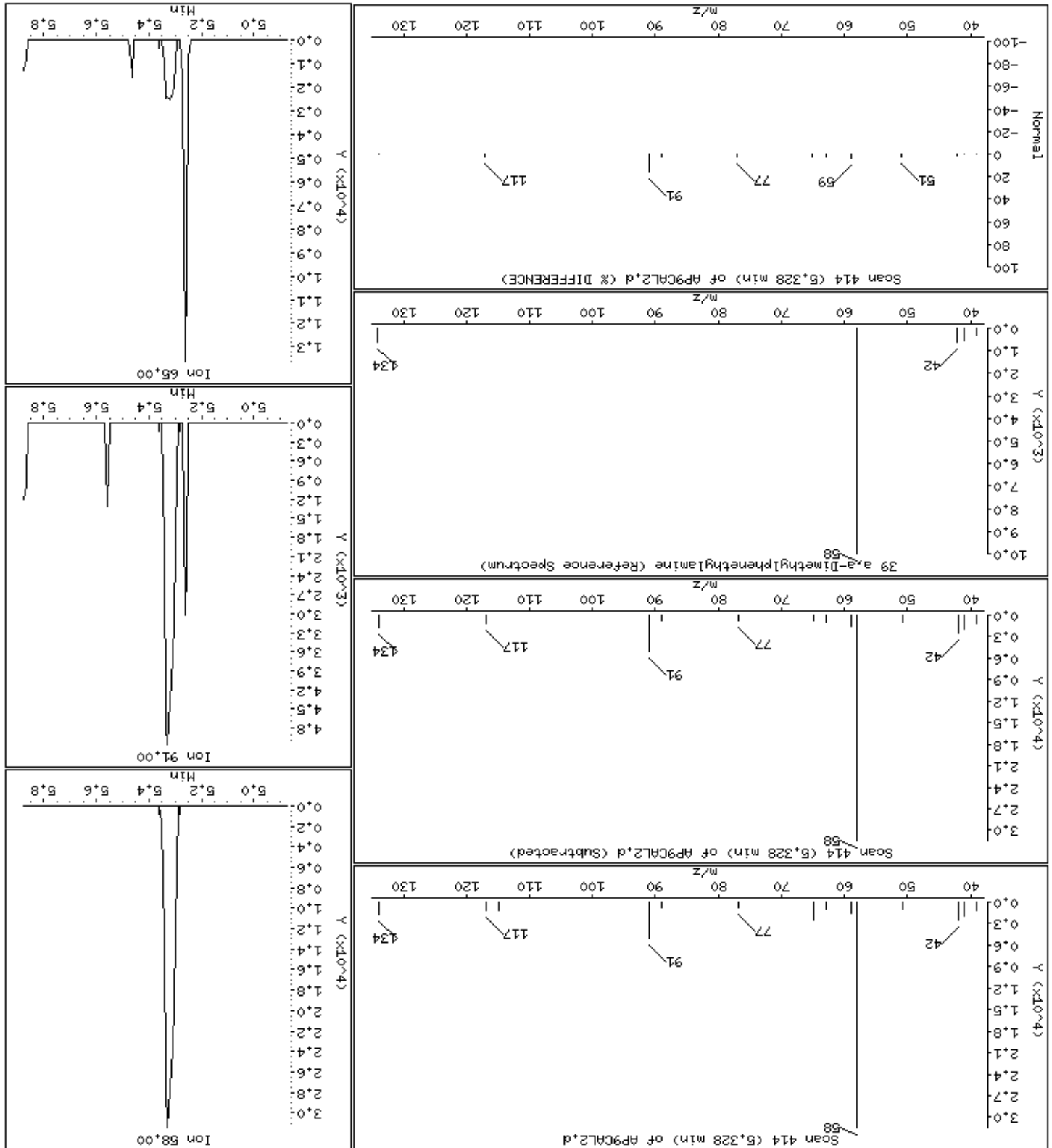
Column diameter: 0.25

Concentration: 9.8 ug/kg

Instrument: smsd04.1

39 a,a-Dimethylphenethylamine

Column phase: HPMS-5



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

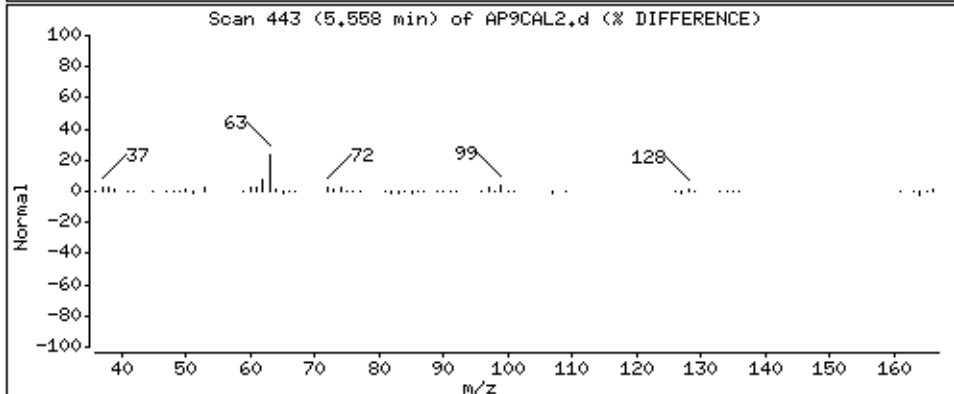
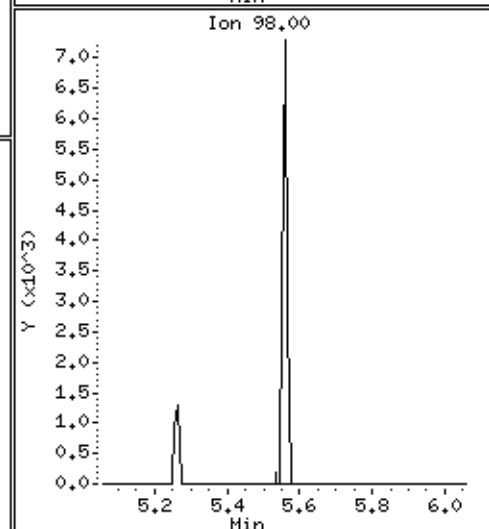
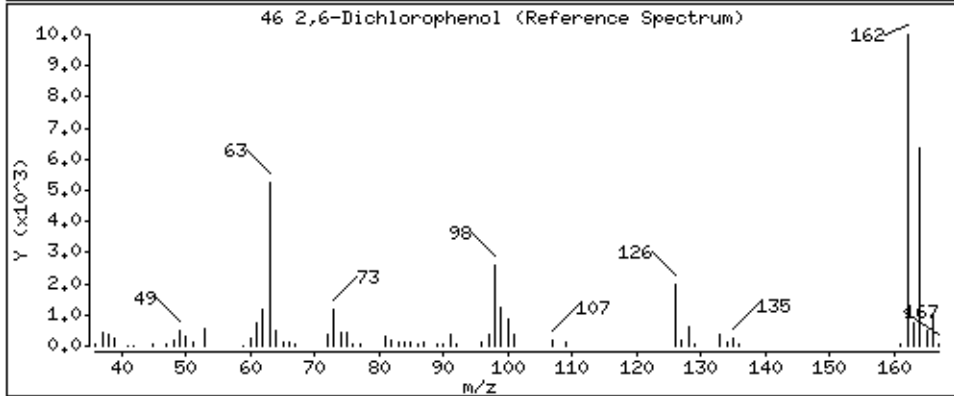
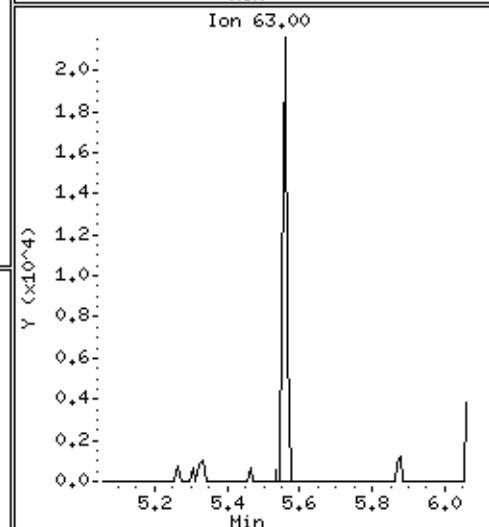
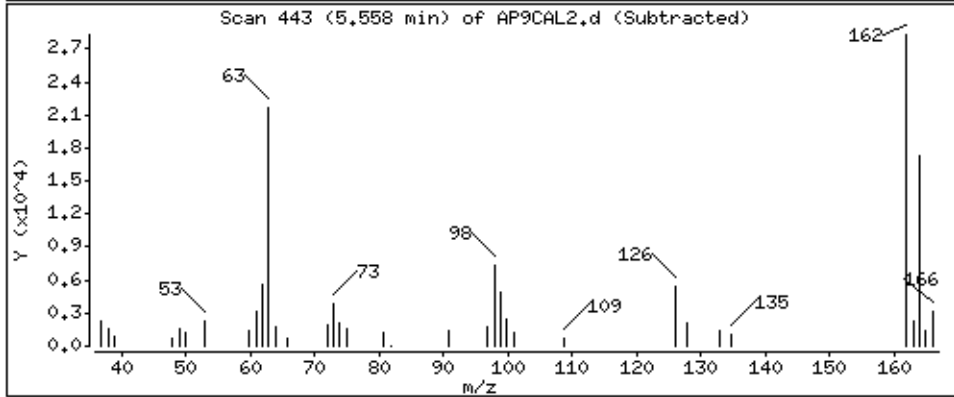
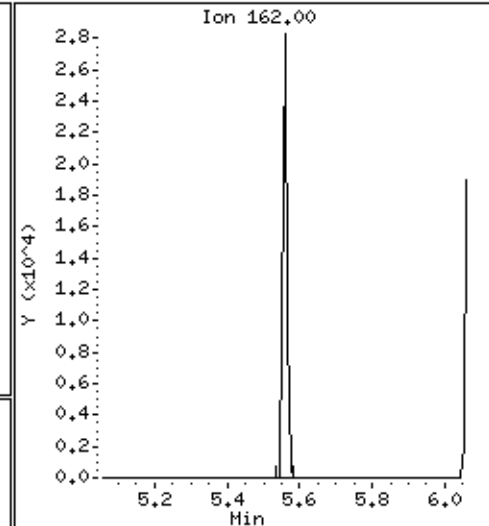
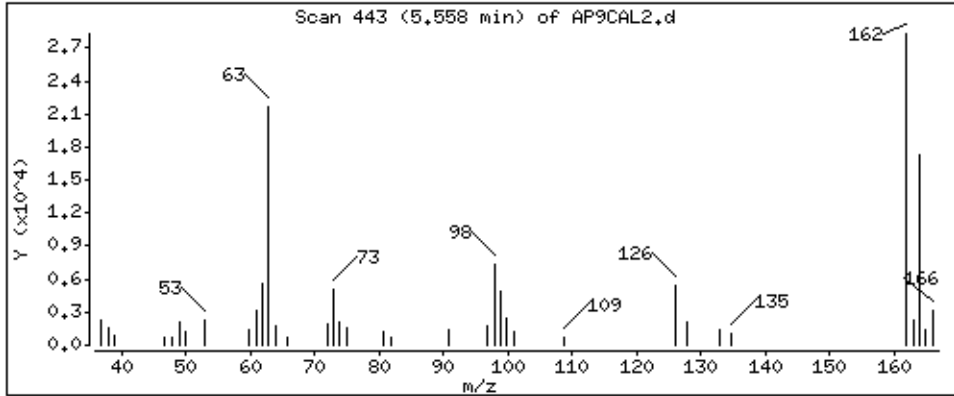
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

46 2,6-Dichlorophenol

Concentration: 9,3 ug/kg



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

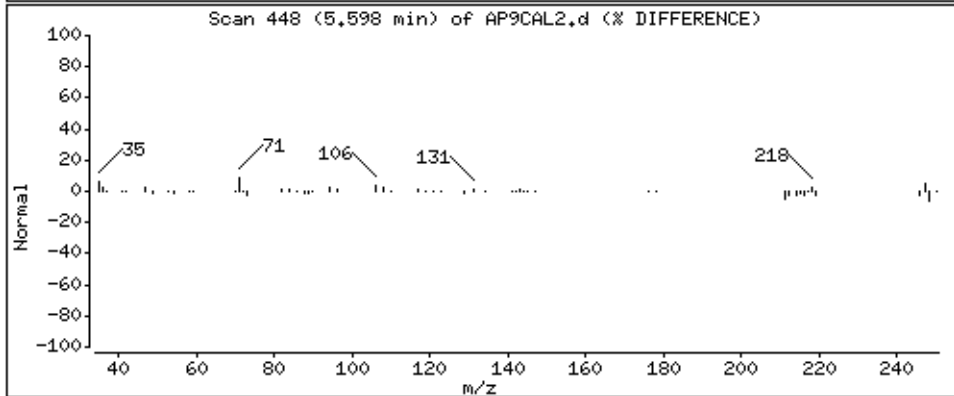
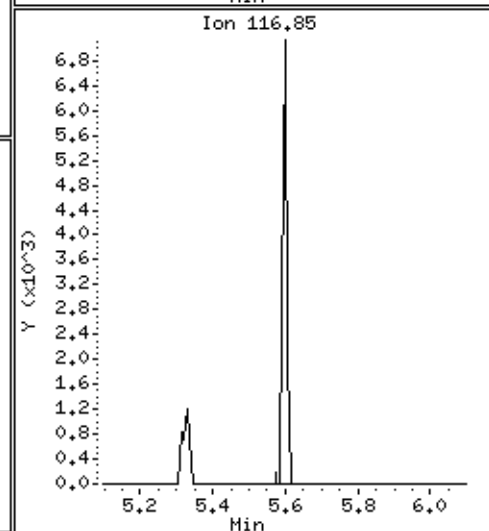
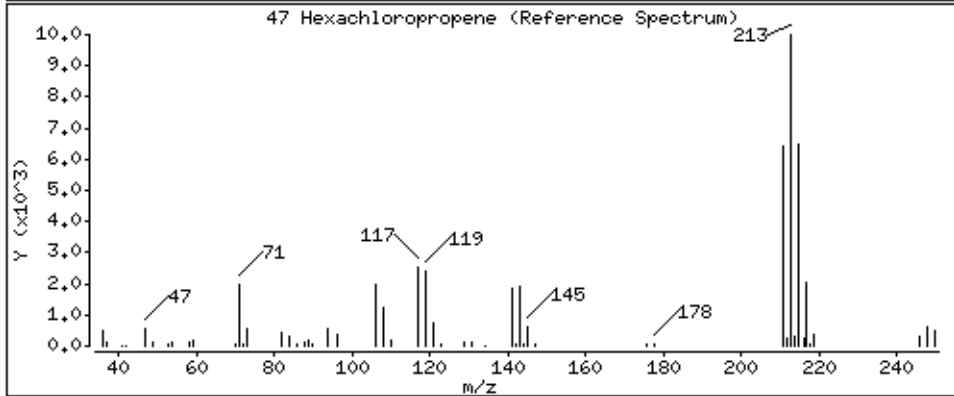
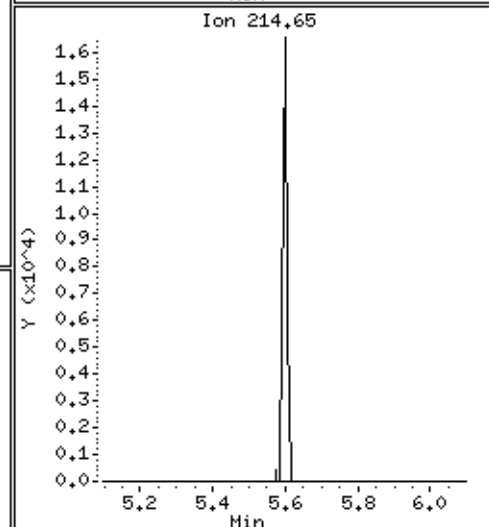
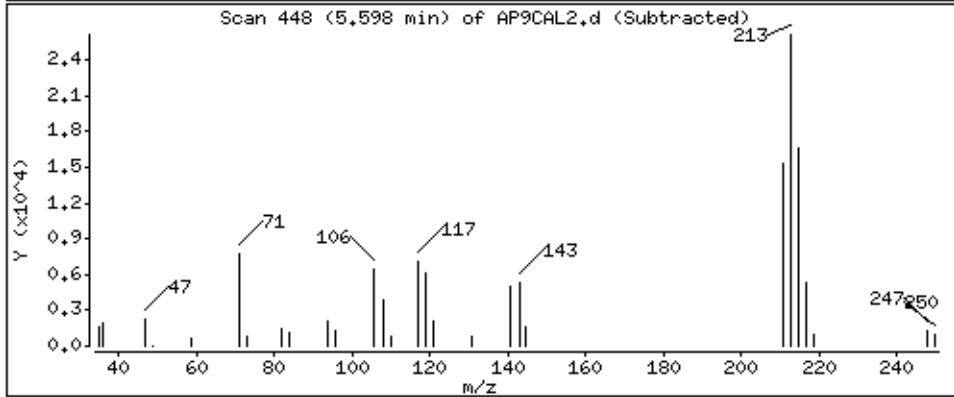
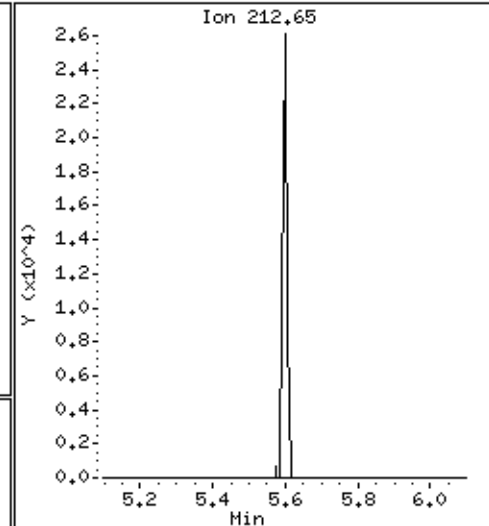
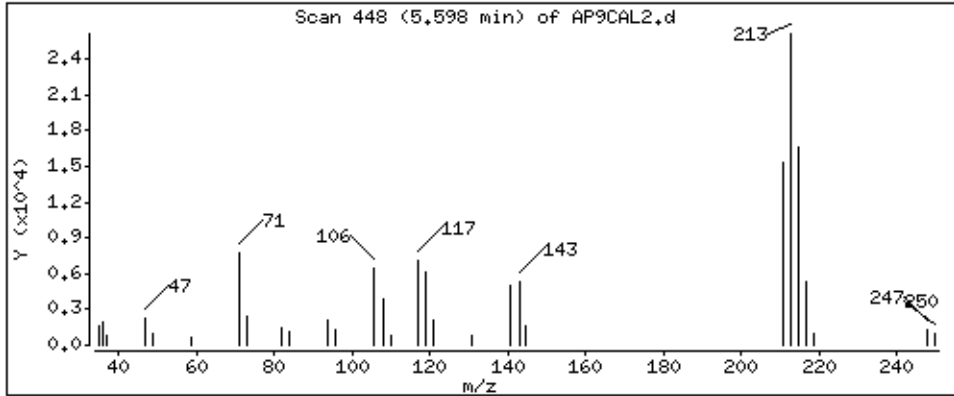
Operator: MJ

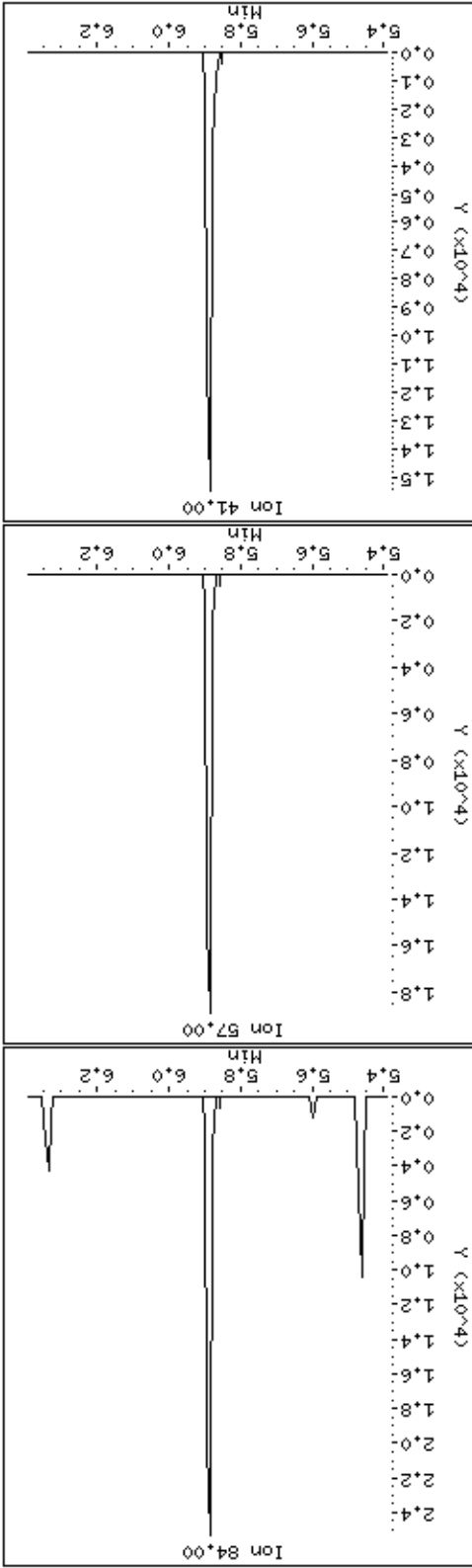
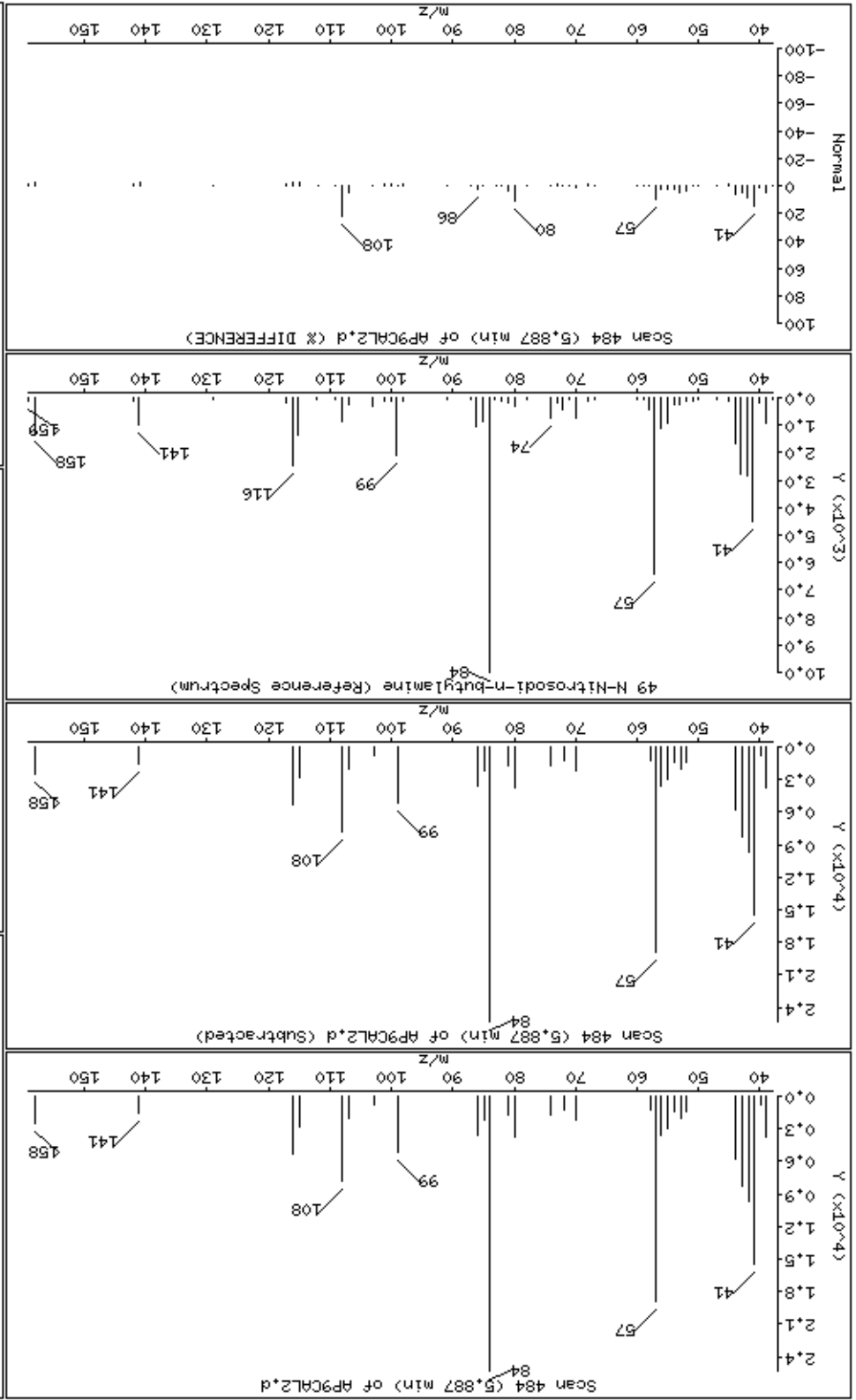
Column phase: HPMS-5

Column diameter: 0,25

47 Hexachloropropene

Concentration: 9,2 ug/kg





Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Sample Info: 47938

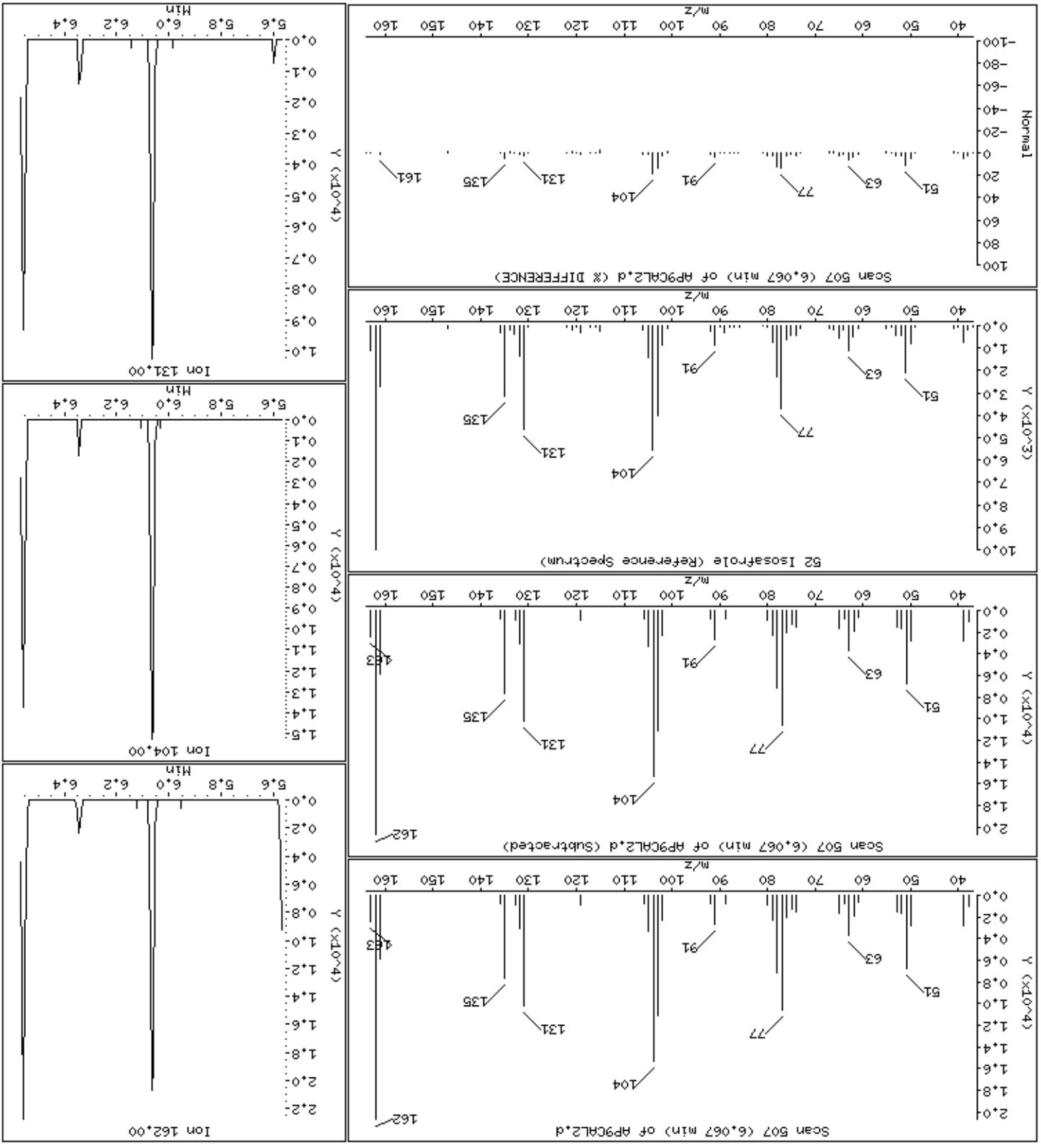
Operator: MJ

Column diameter: 0.25

Concentration: 9.6 ug/kg

Instrument: smsd04.1

Data File: \\Svevod04\DD\chem\smsd04\15411145cal.1\AP9CAL2.d



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

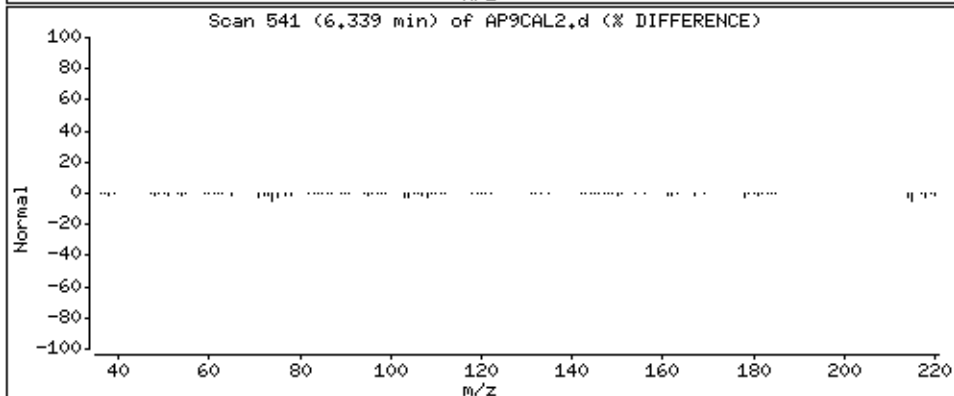
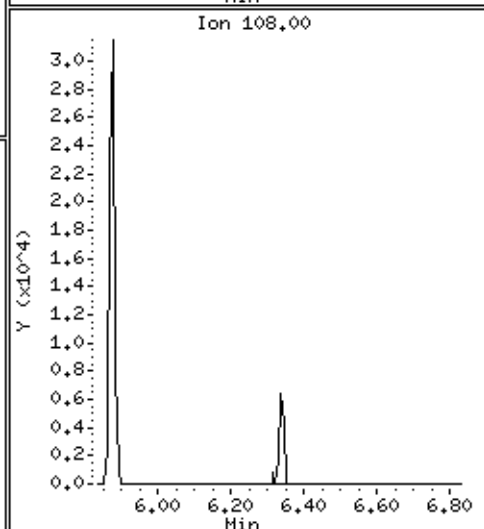
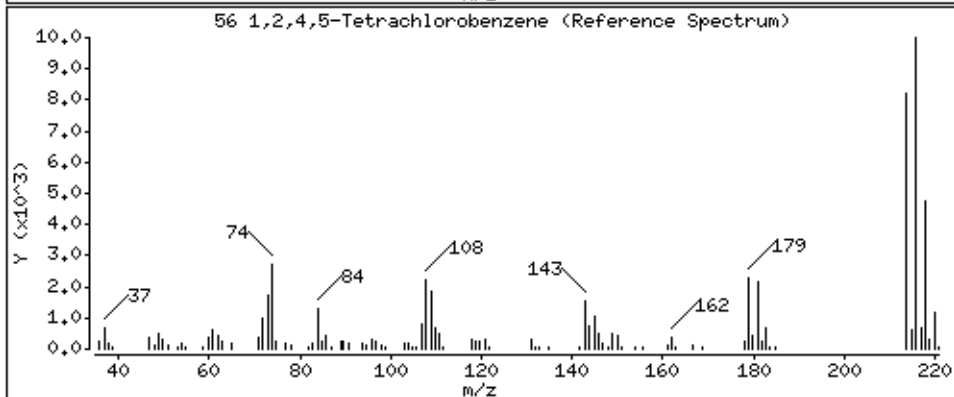
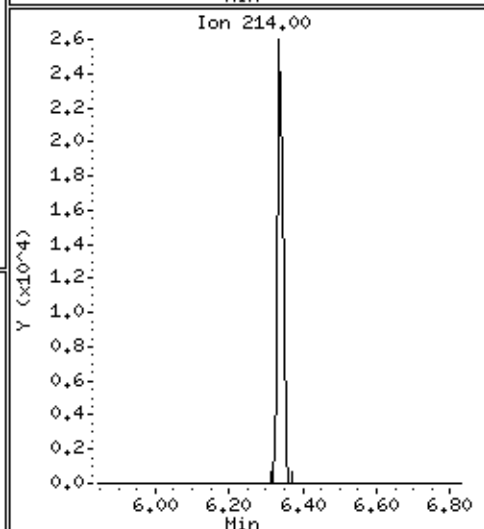
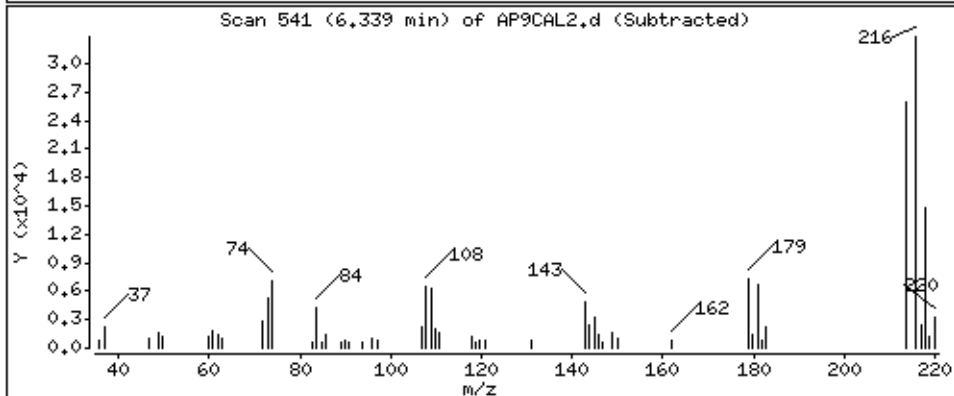
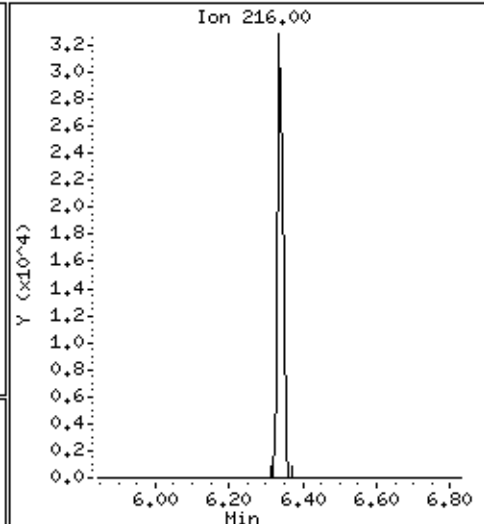
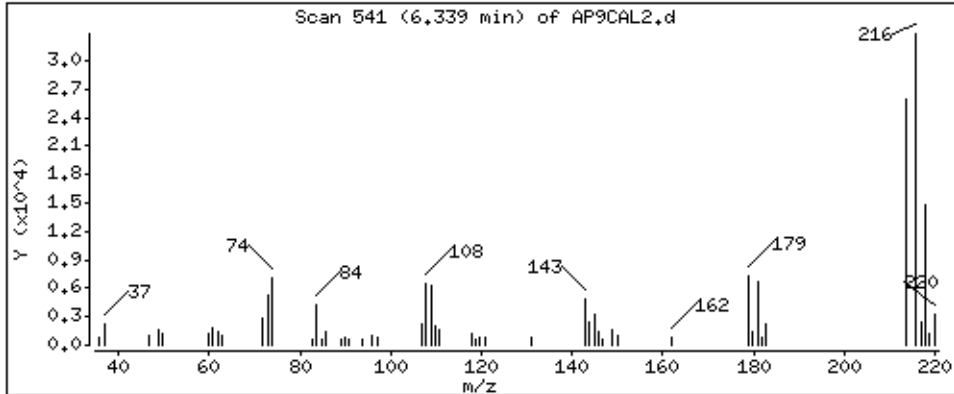
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

56 1,2,4,5-Tetrachlorobenzene

Concentration: 9,8 ug/kg



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

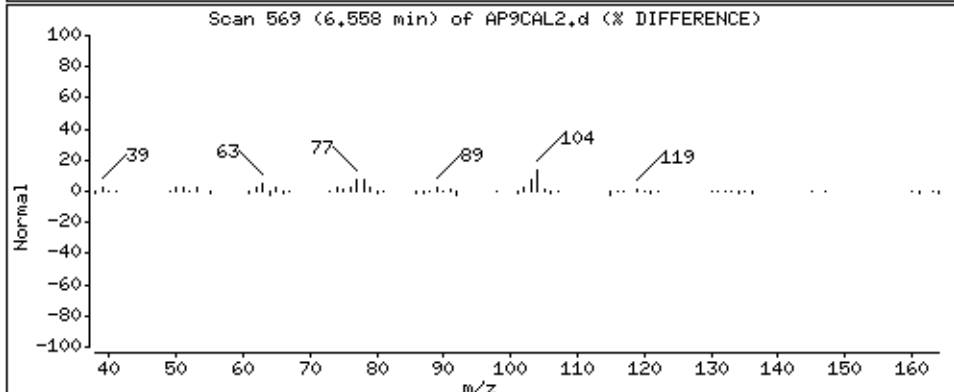
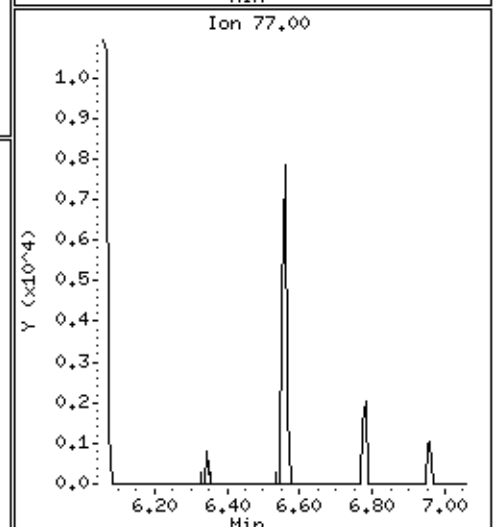
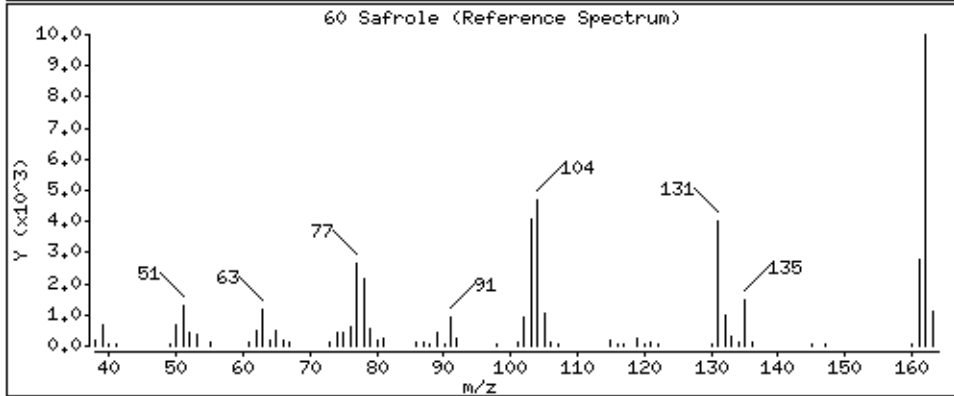
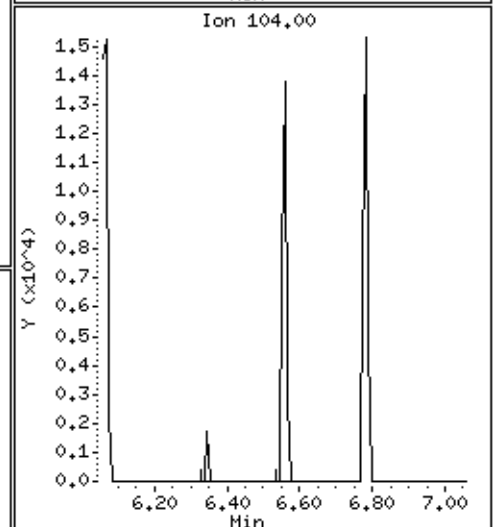
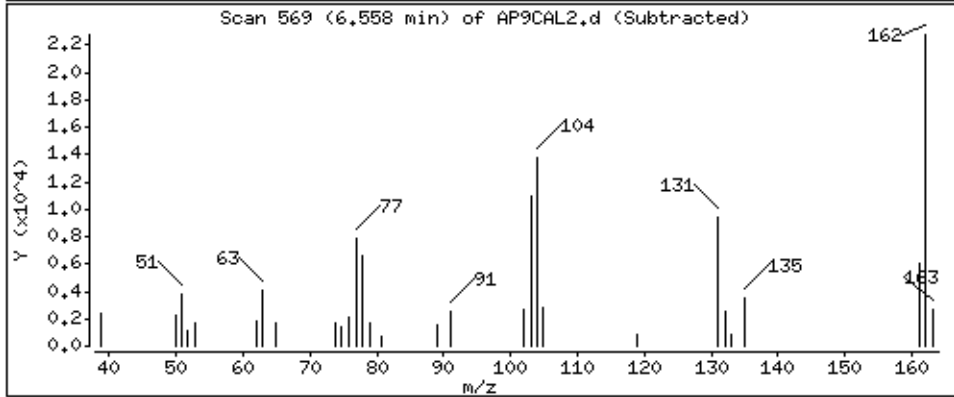
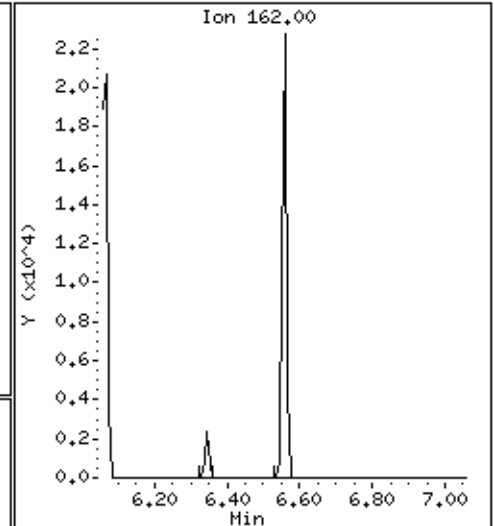
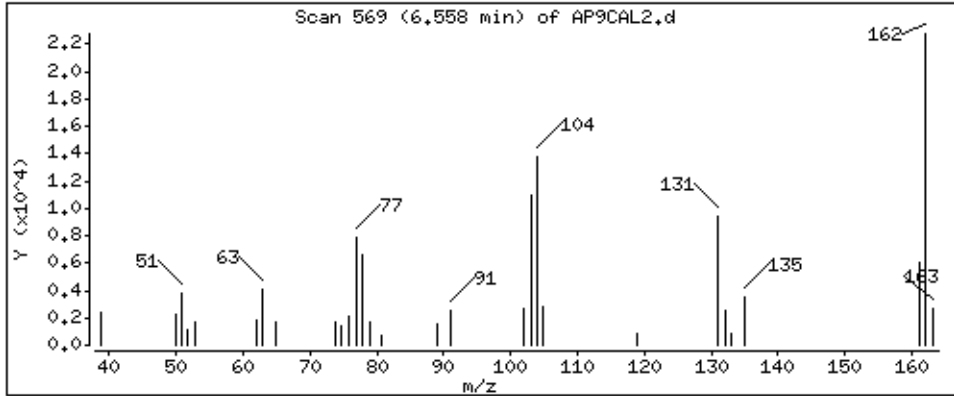
Operator: MJ

Column phase: HPMS-5

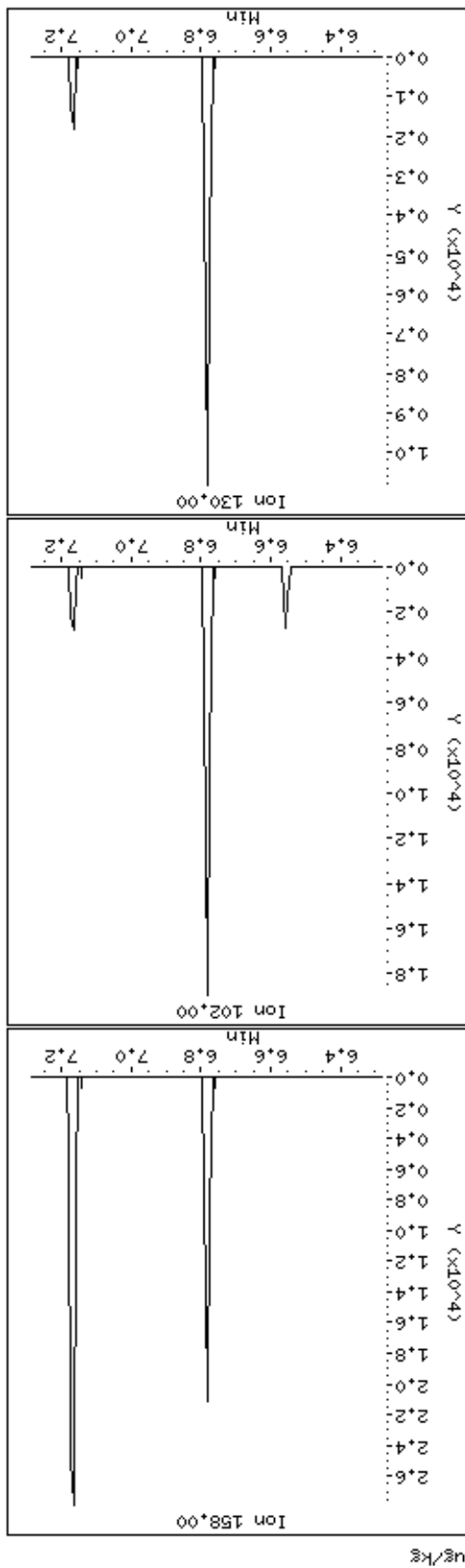
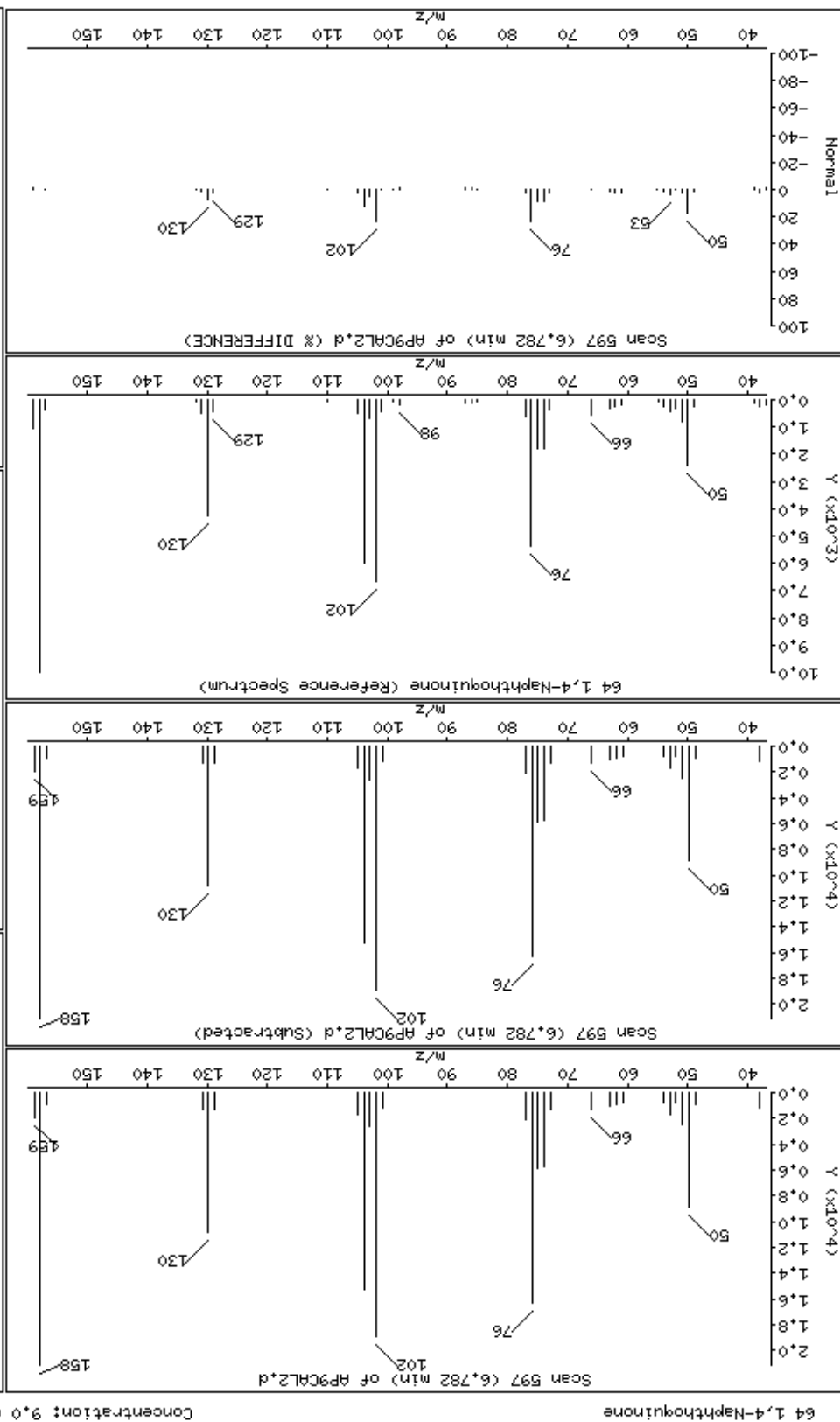
Column diameter: 0,25

60 Safrole

Concentration: 9,5 ug/kg

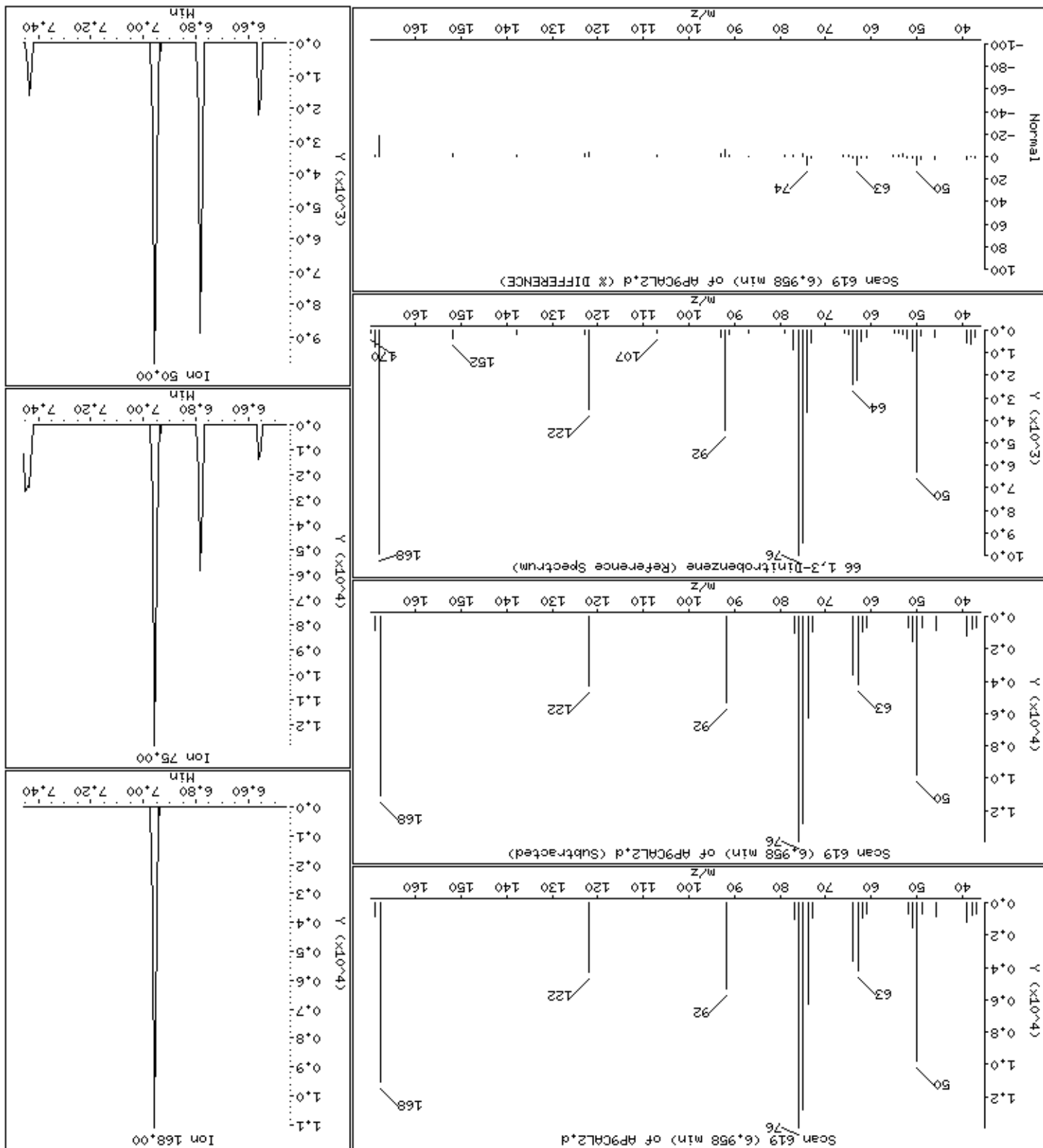


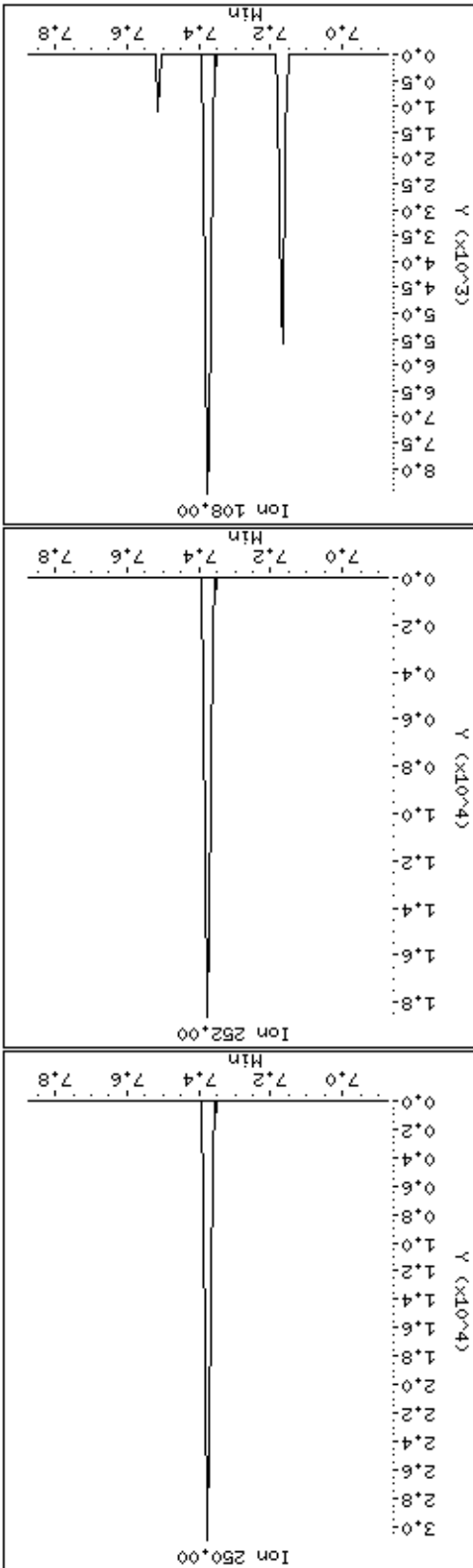
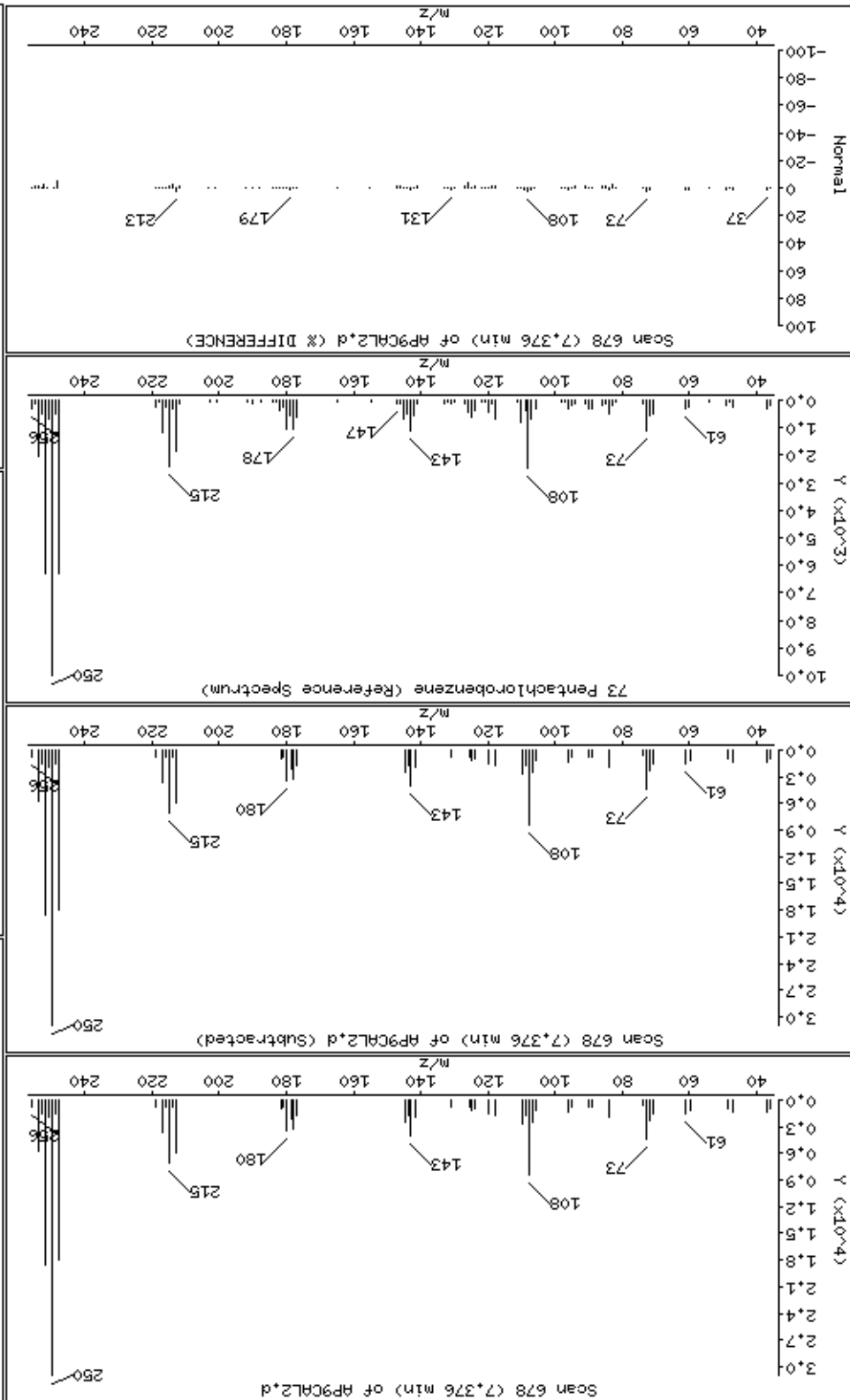




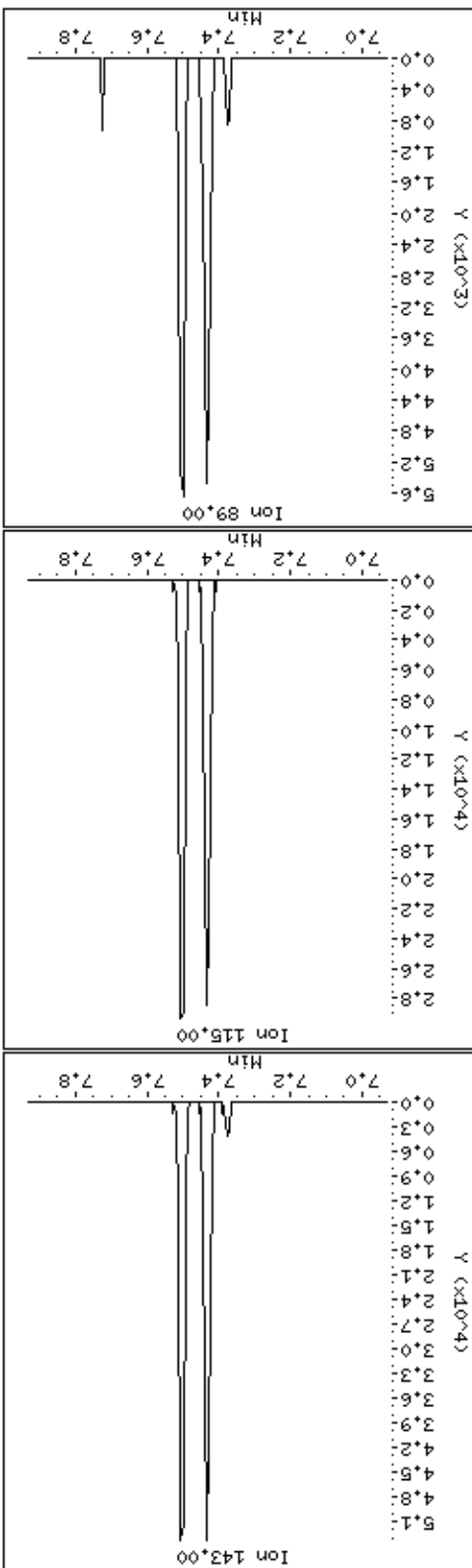
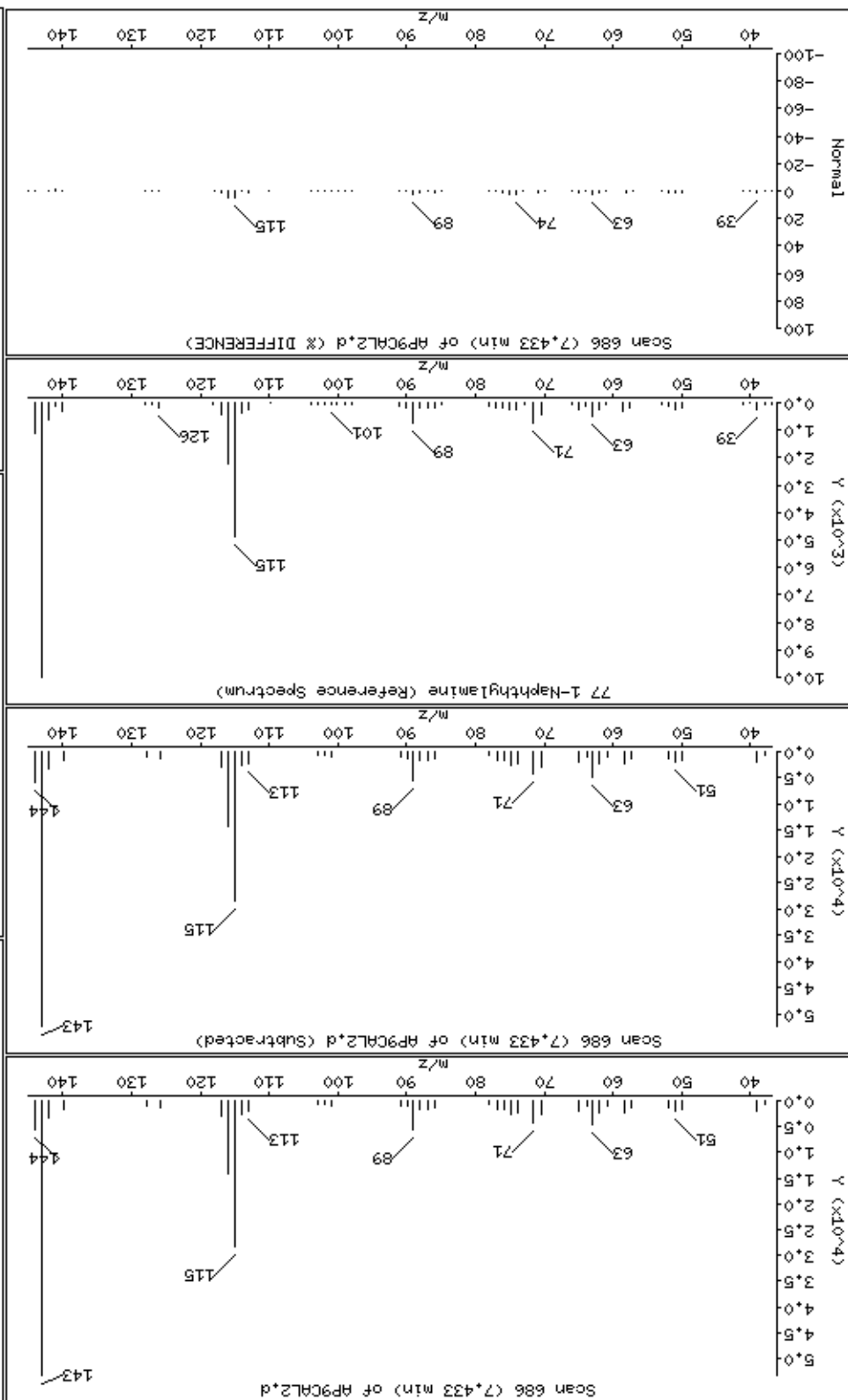
66 1,3-Dinitrobenzene

Column phase: HPMS-5





77-1-Naphthylamine



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

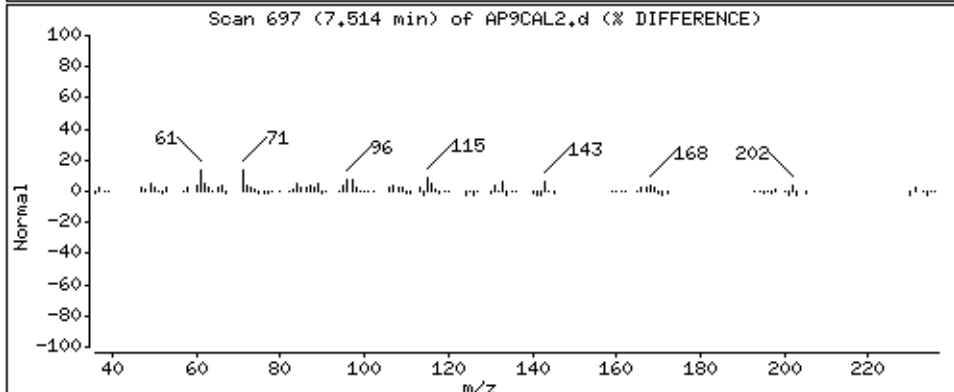
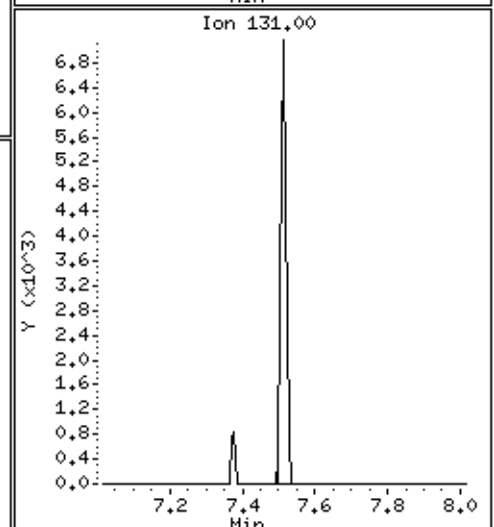
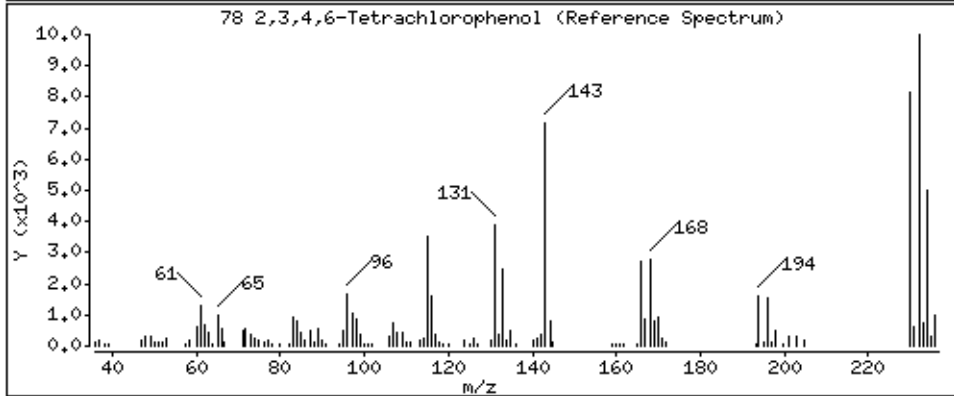
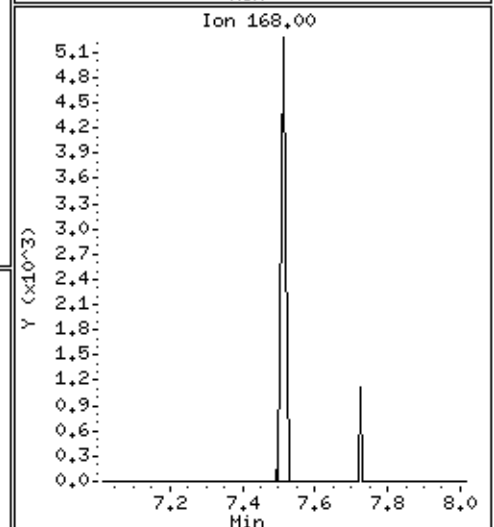
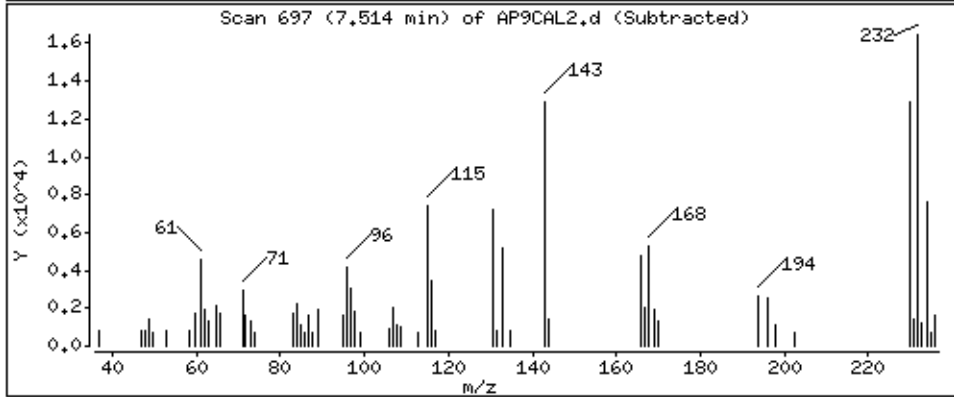
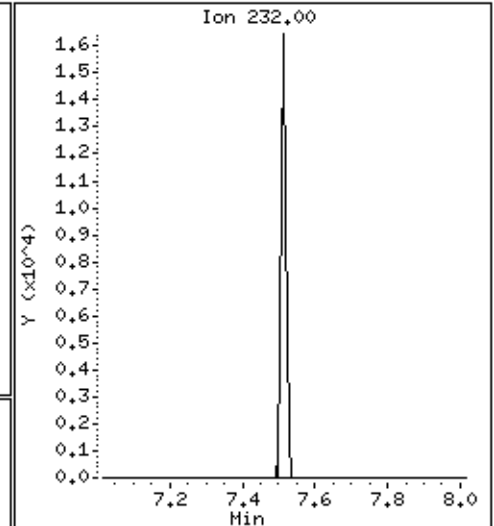
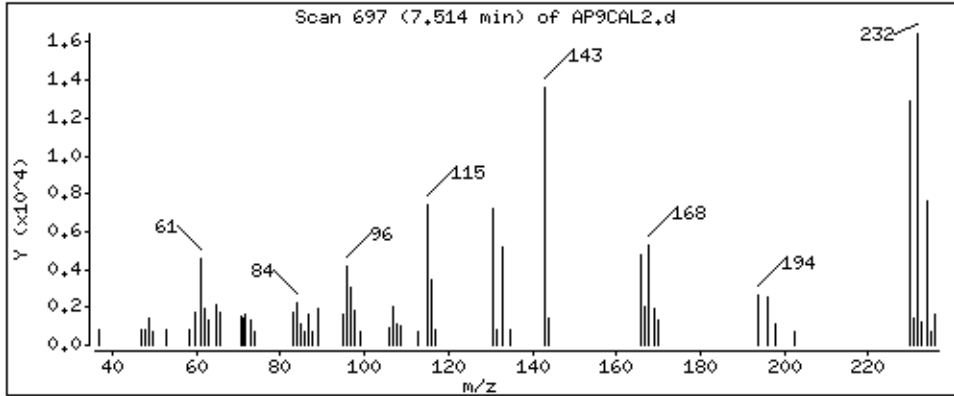
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

78 2,3,4,6-Tetrachlorophenol

Concentration: 8,7 ug/kg



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

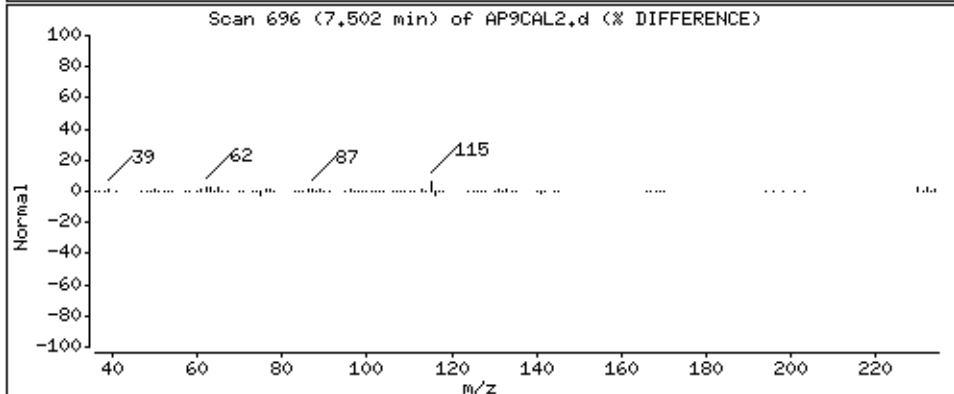
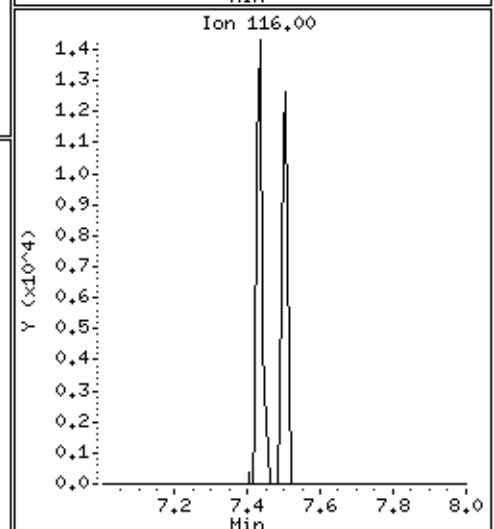
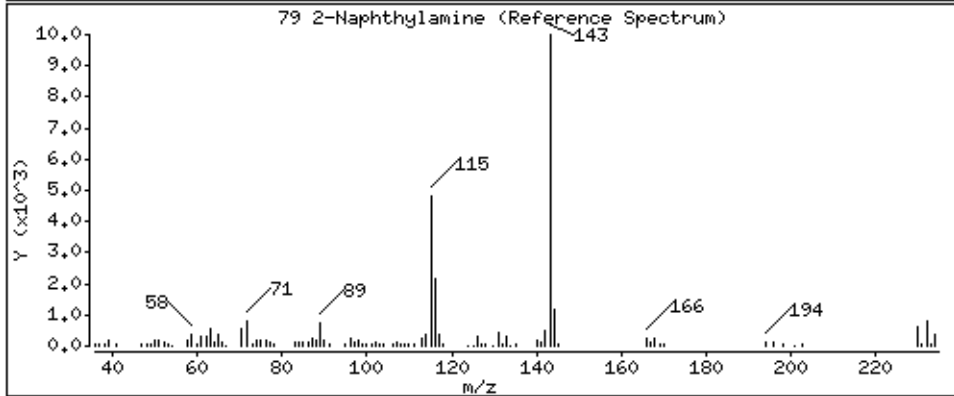
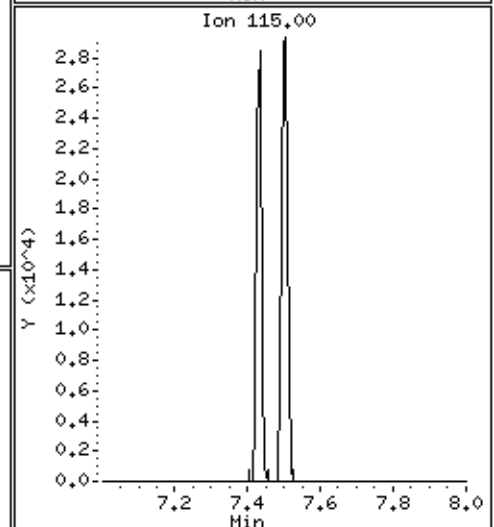
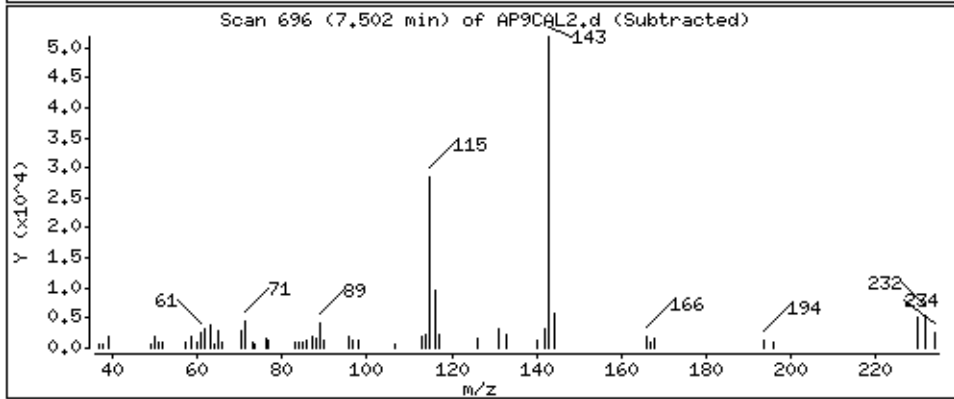
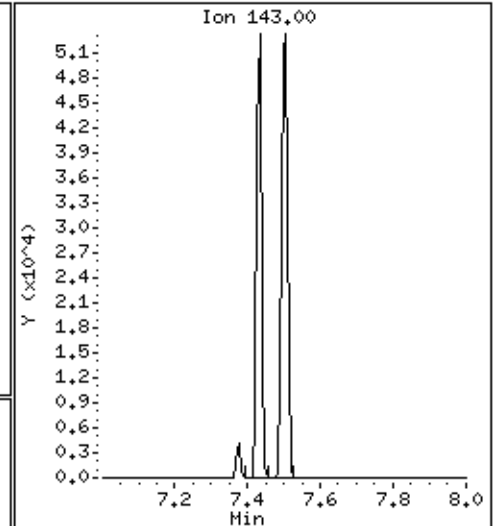
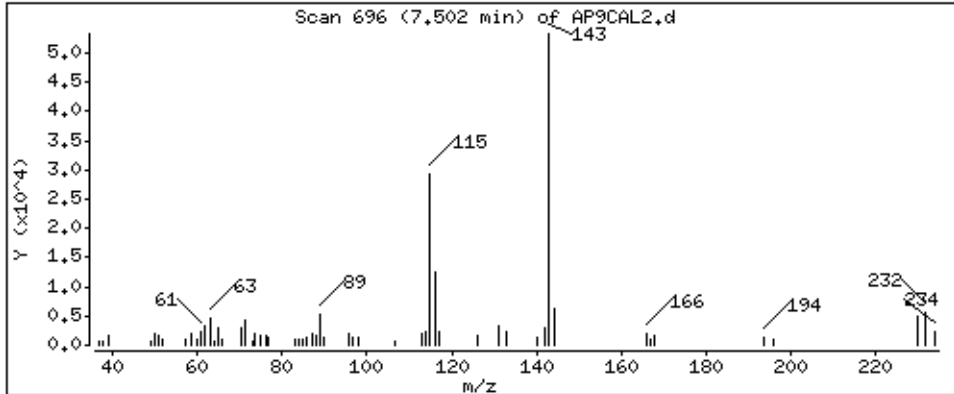
Operator: MJ

Column phase: HPMS-5

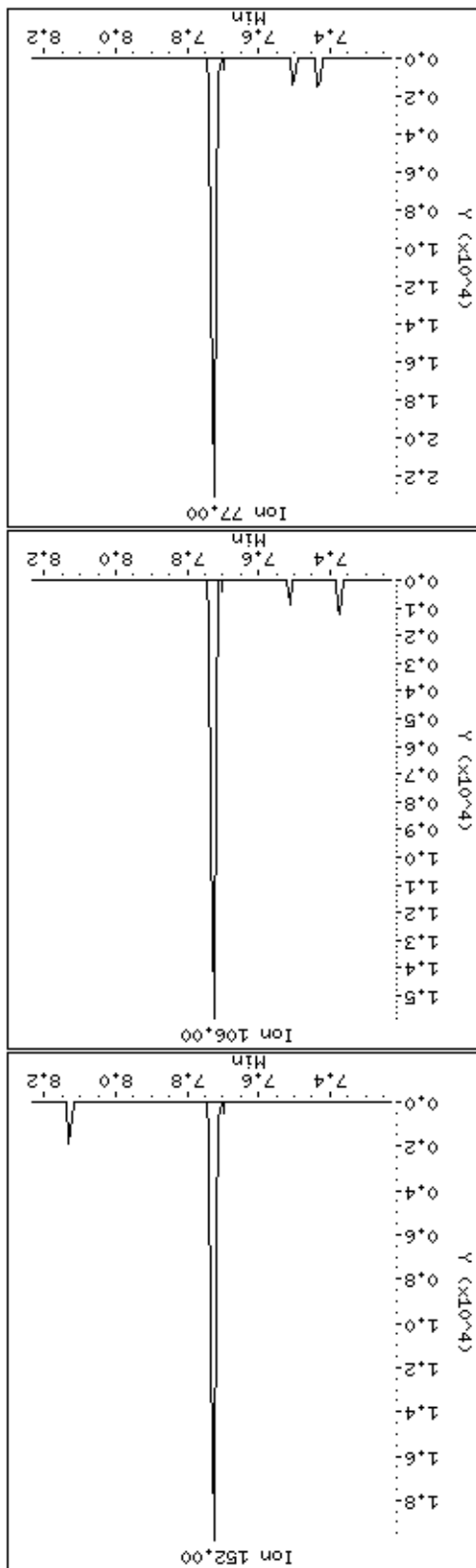
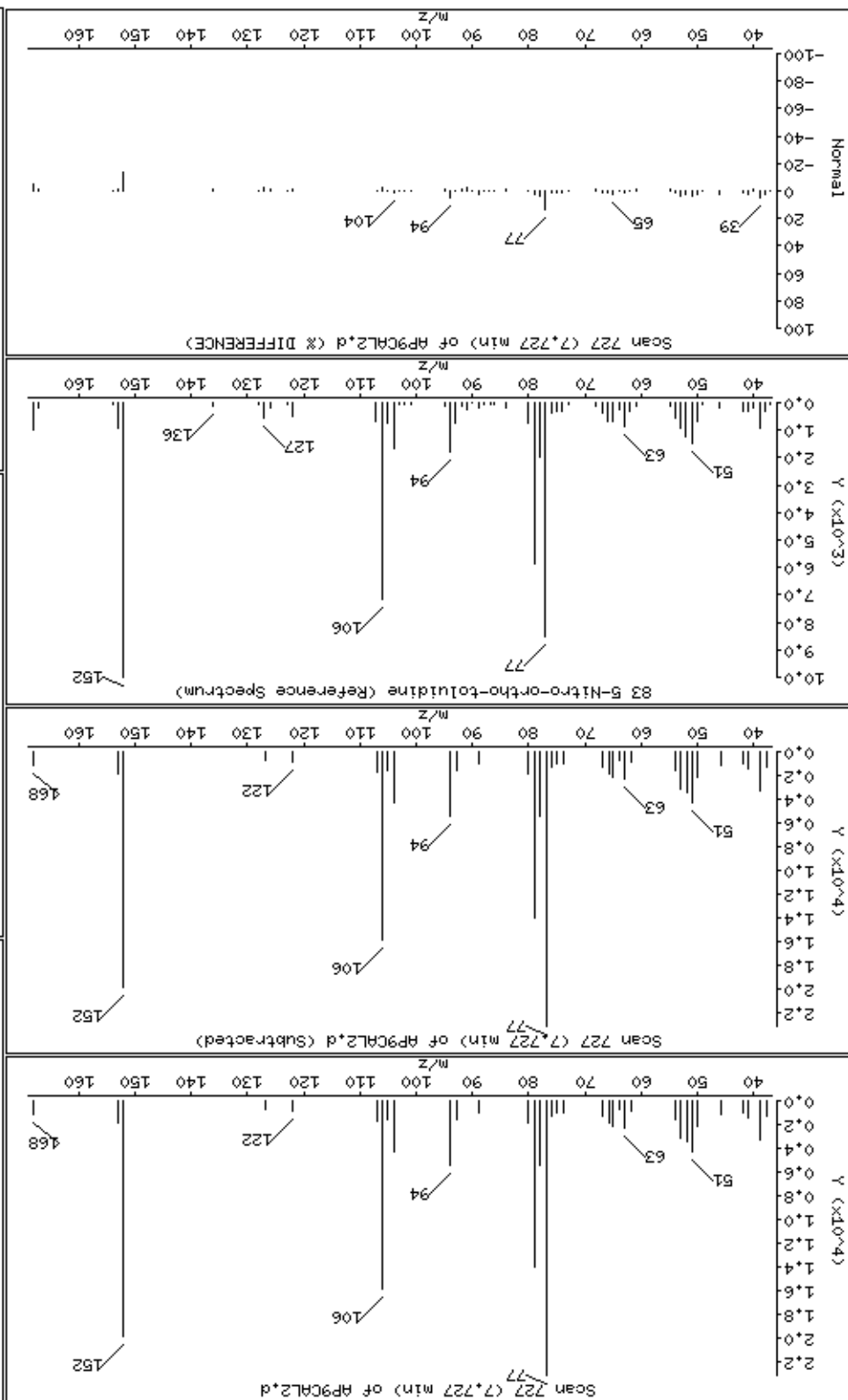
Column diameter: 0,25

79 2-Naphthylamine

Concentration: 9,6 ug/kg



83 5-Nitro-ortho-toluidine



Date: 15-NOV-2012 11:09

Client ID: AP9CAL2

Sample Info: 47938

Operator: MJ

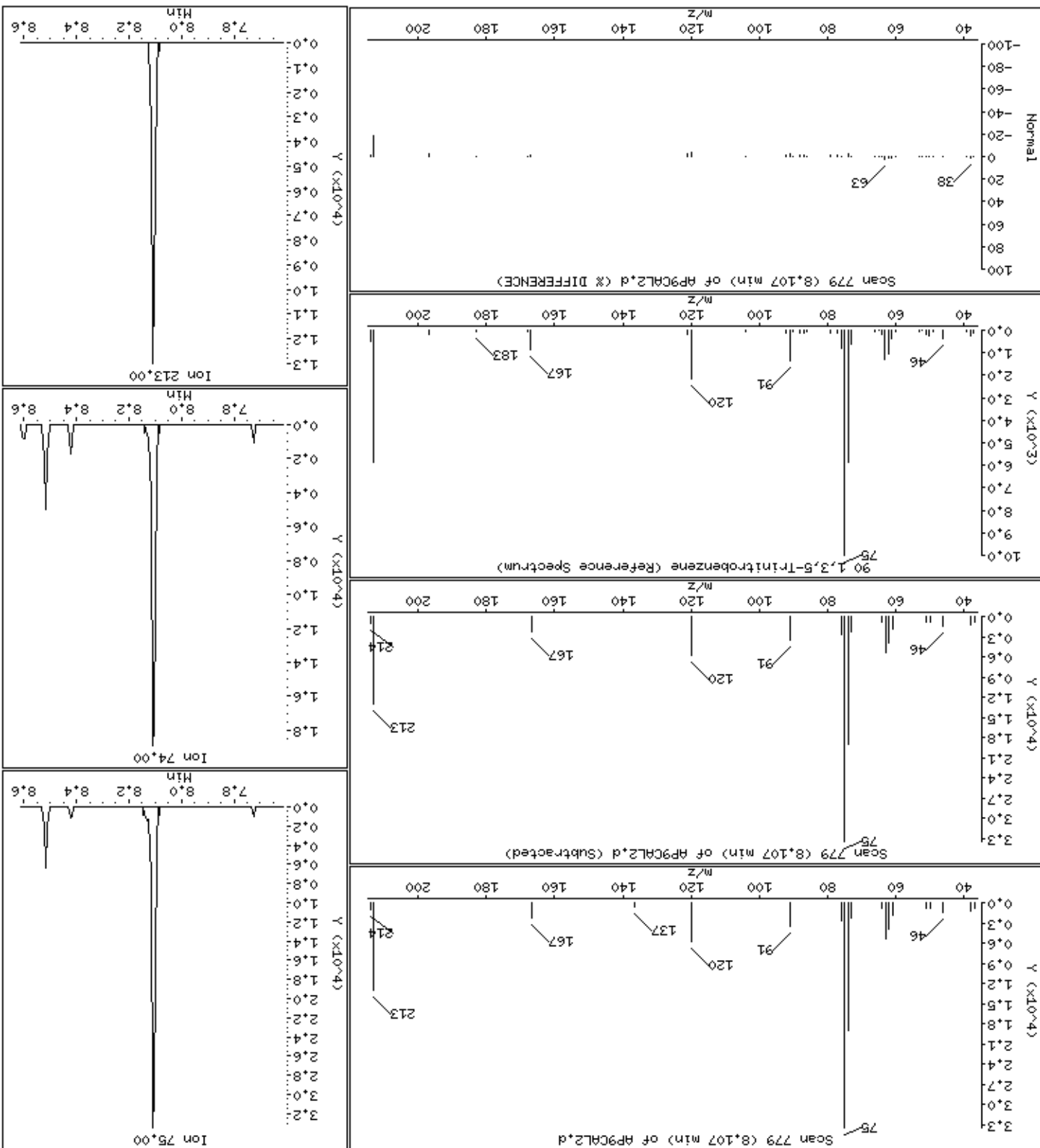
Column diameter: 0.25

Concentration: 10 ug/kg

Instrument: smsd04.1

90 1,3,5-Trinitrobenzene

Column phase: HPMS-5





Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

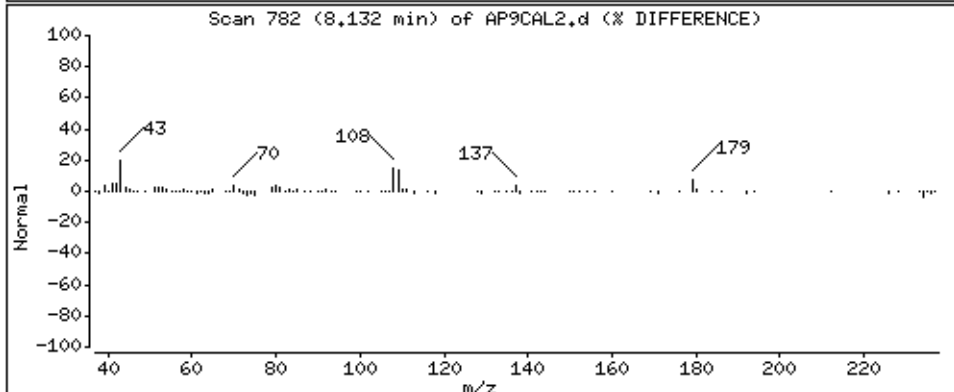
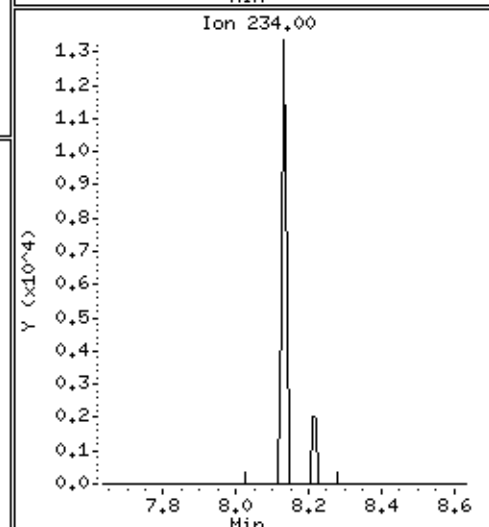
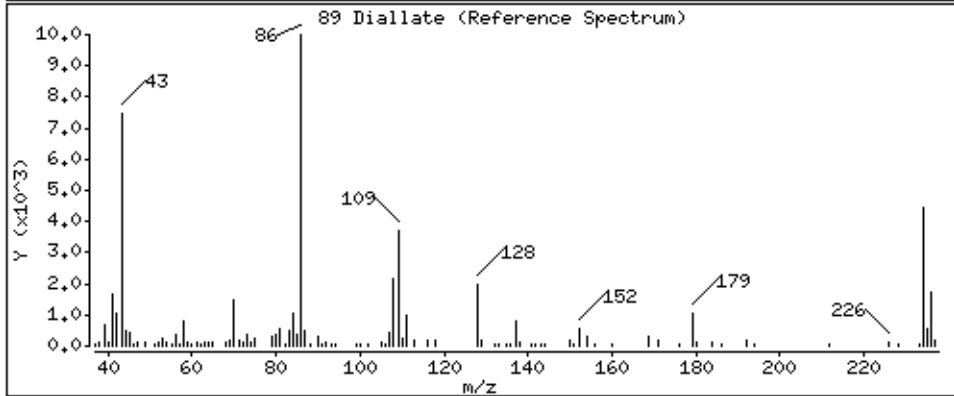
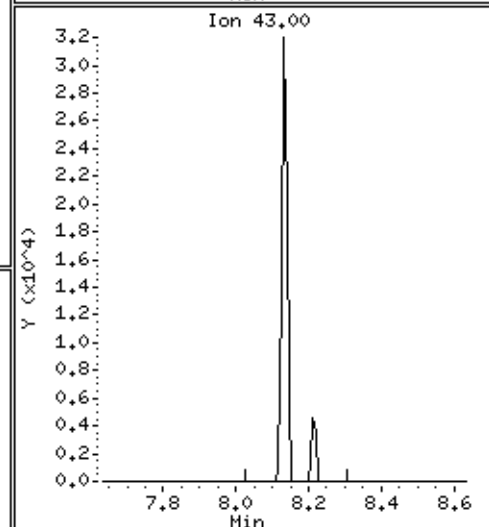
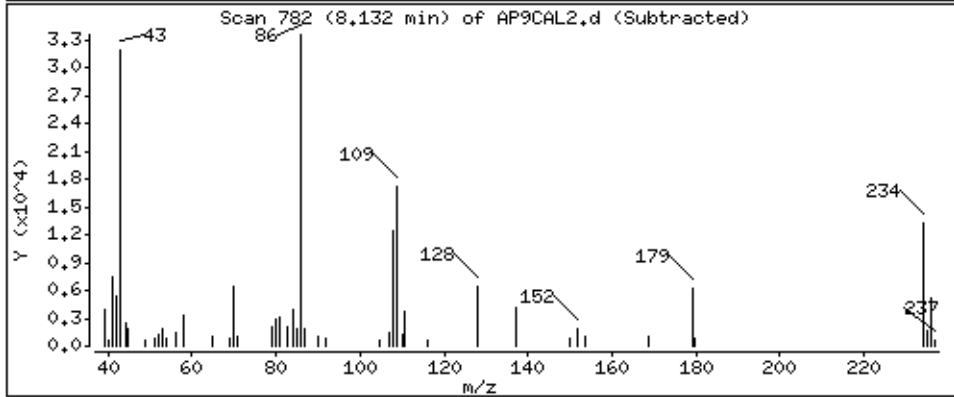
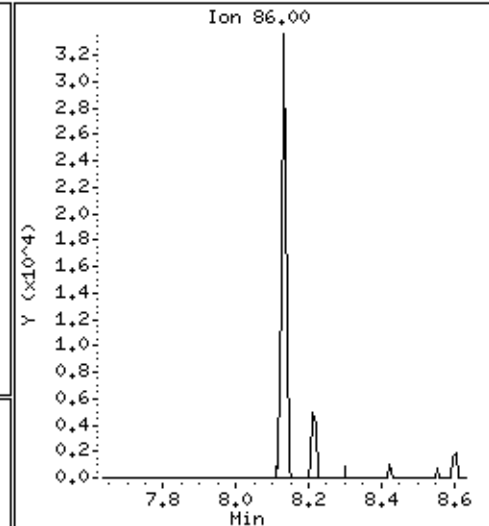
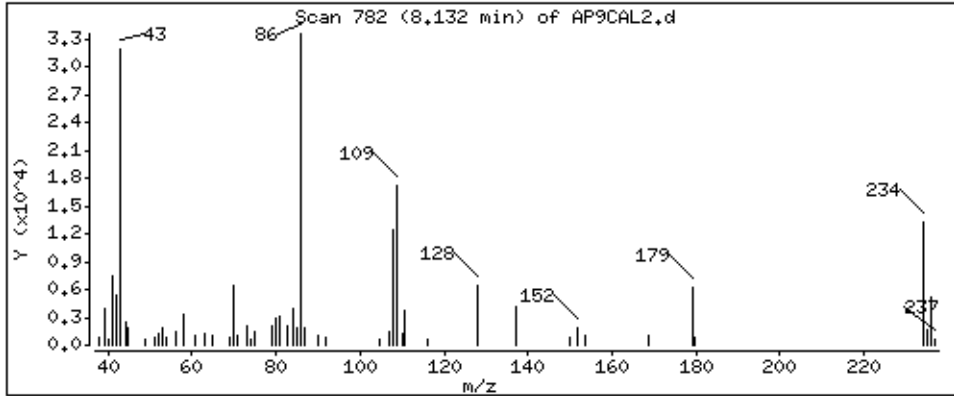
Operator: MJ

Column phase: HPMS-5

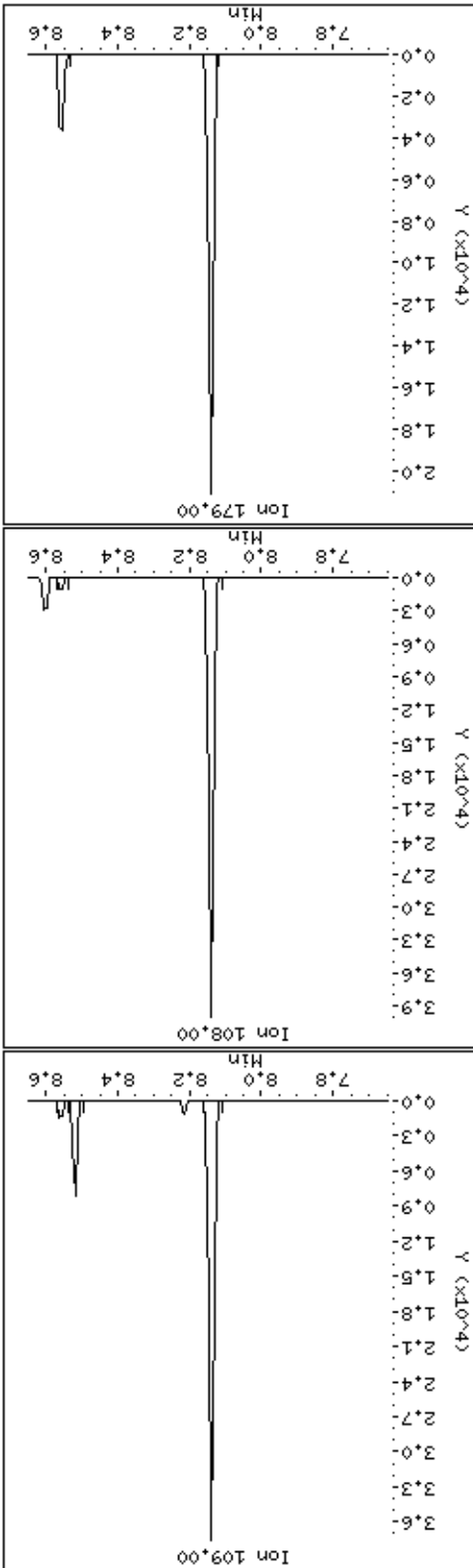
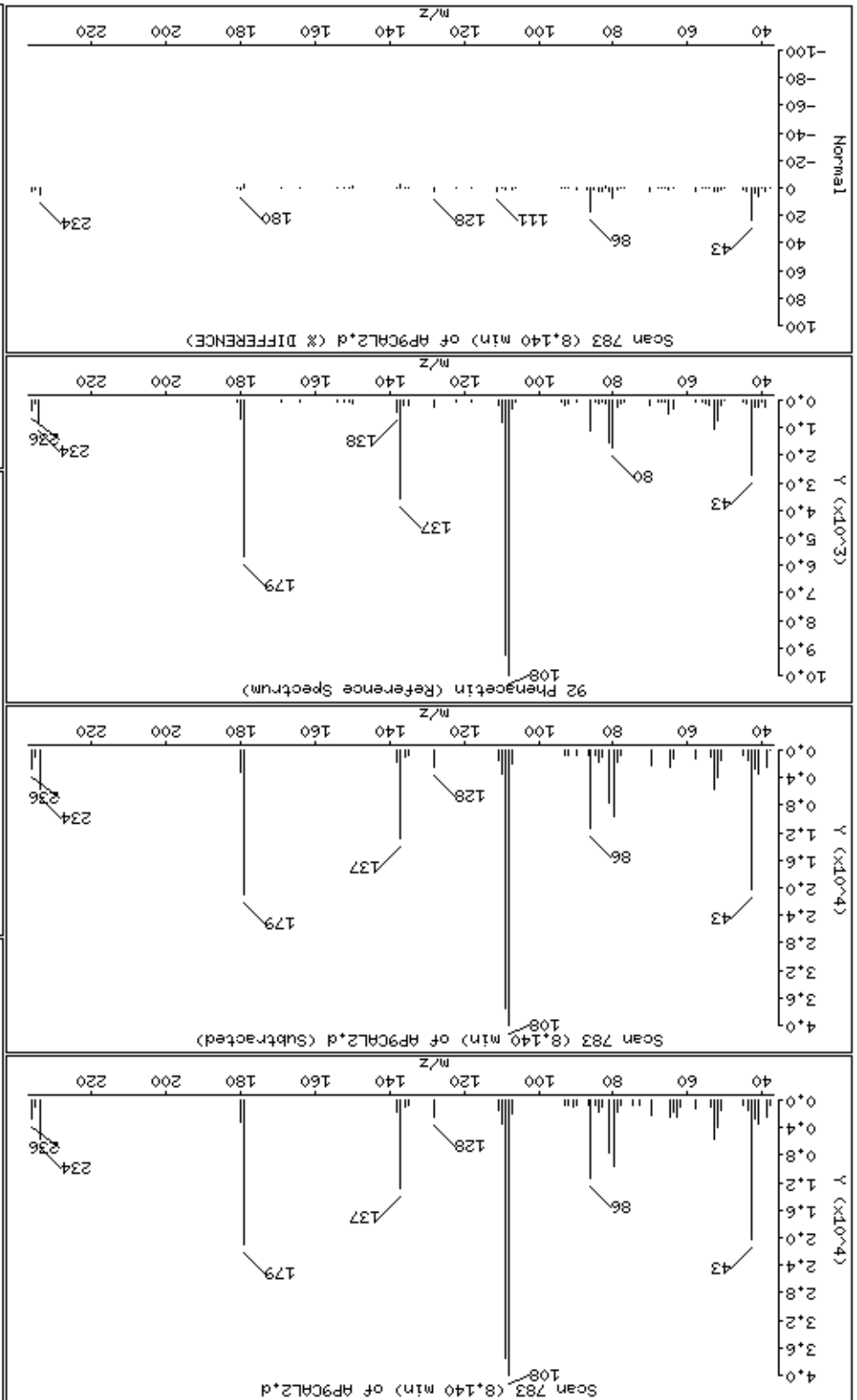
Column diameter: 0,25

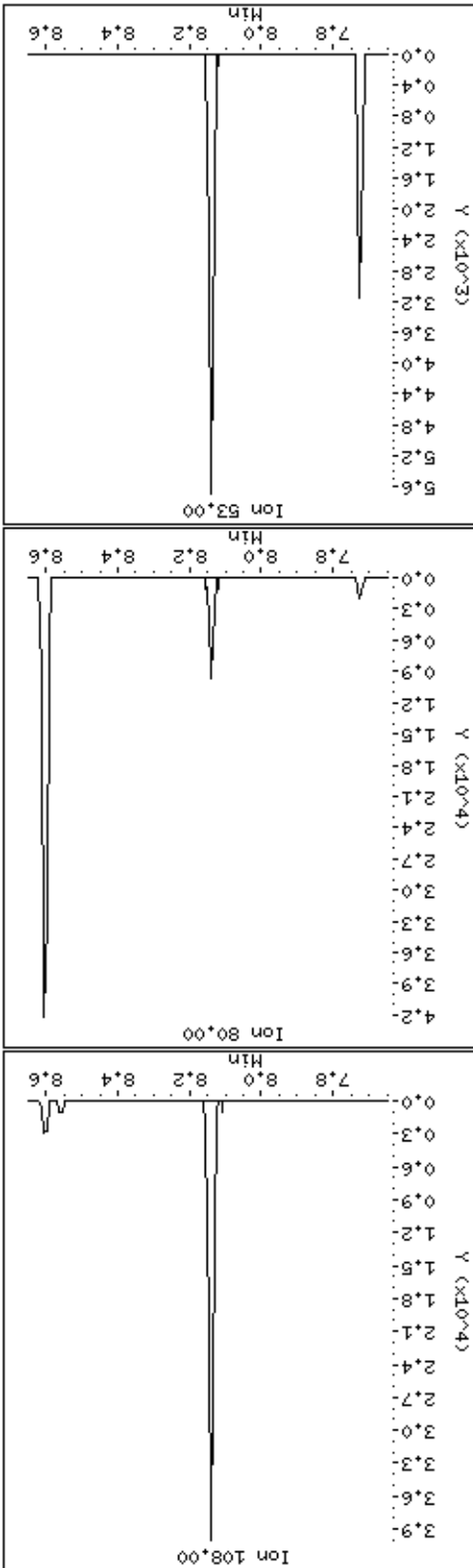
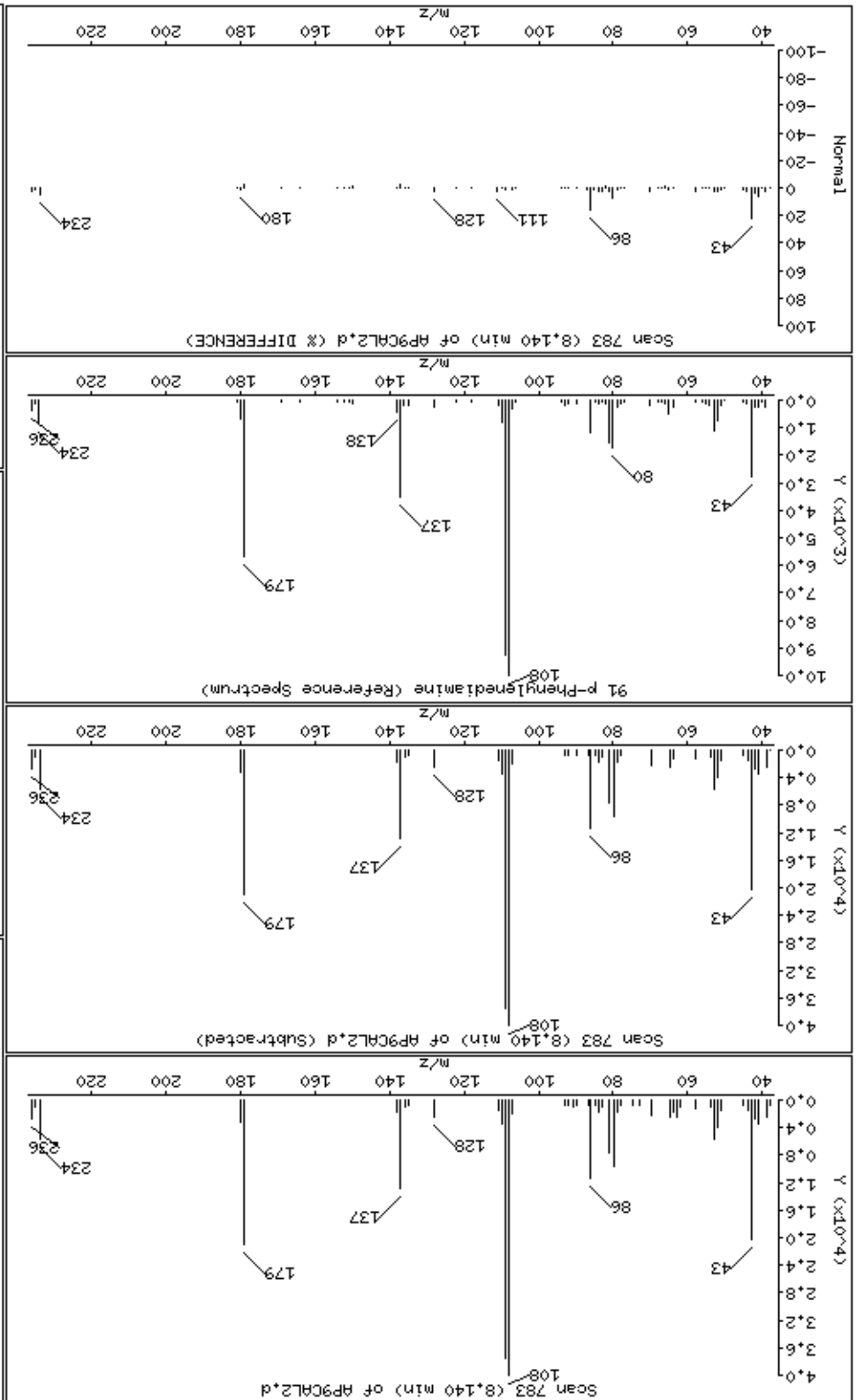
89 Diallate

Concentration: 10,0 ug/kg

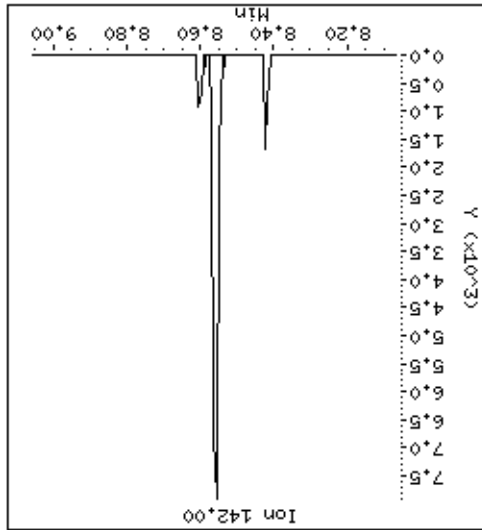
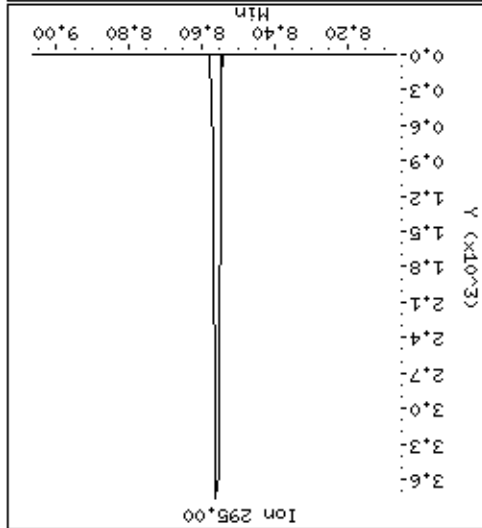
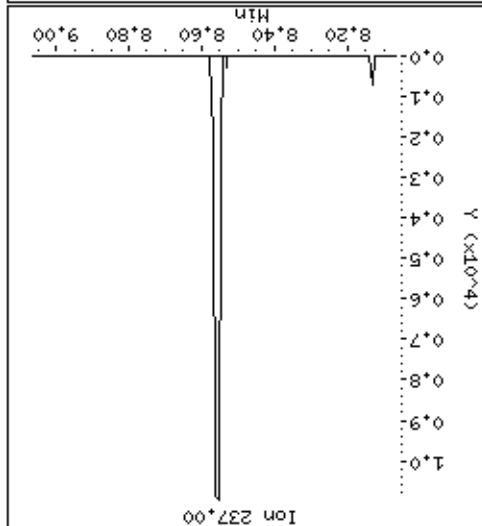
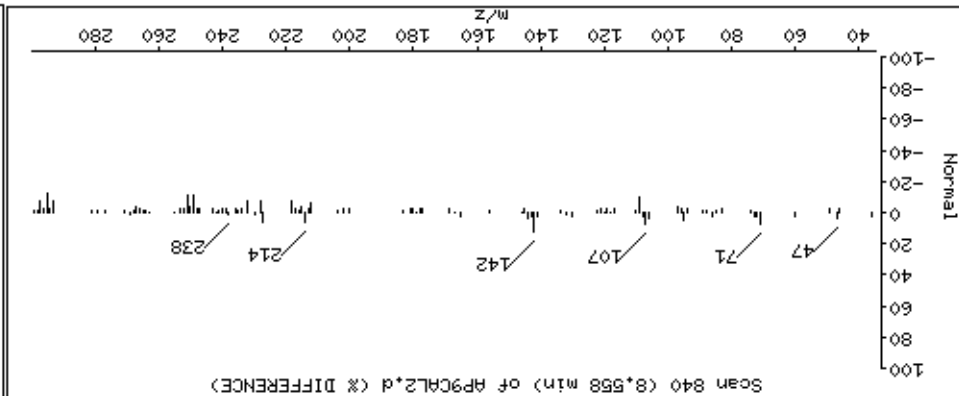
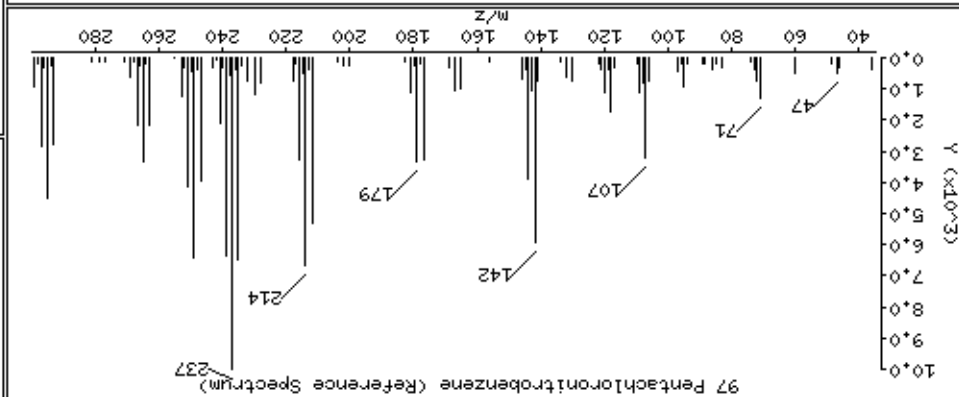
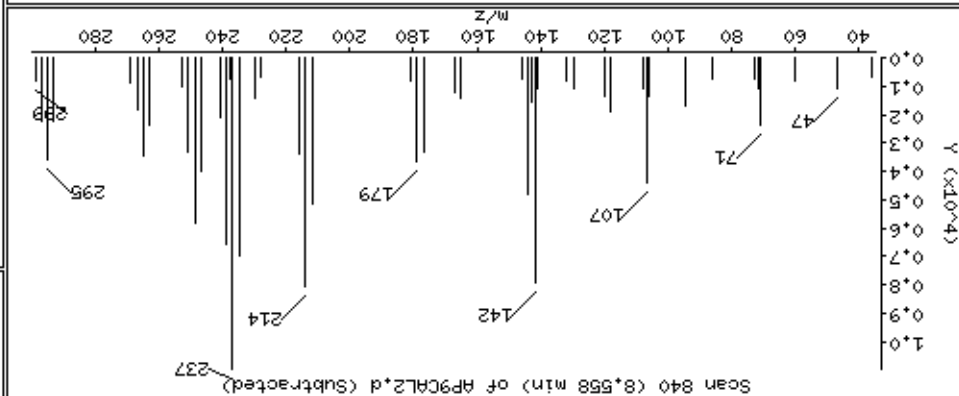
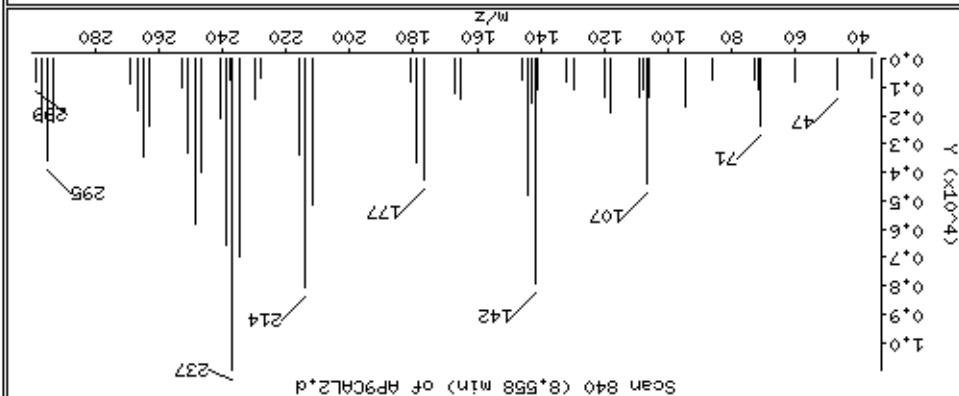


92 Phenacetin





97 Pentachloronitrobenzene



Date: 15-NOV-2012 11:09

Client ID: AP9CAL2

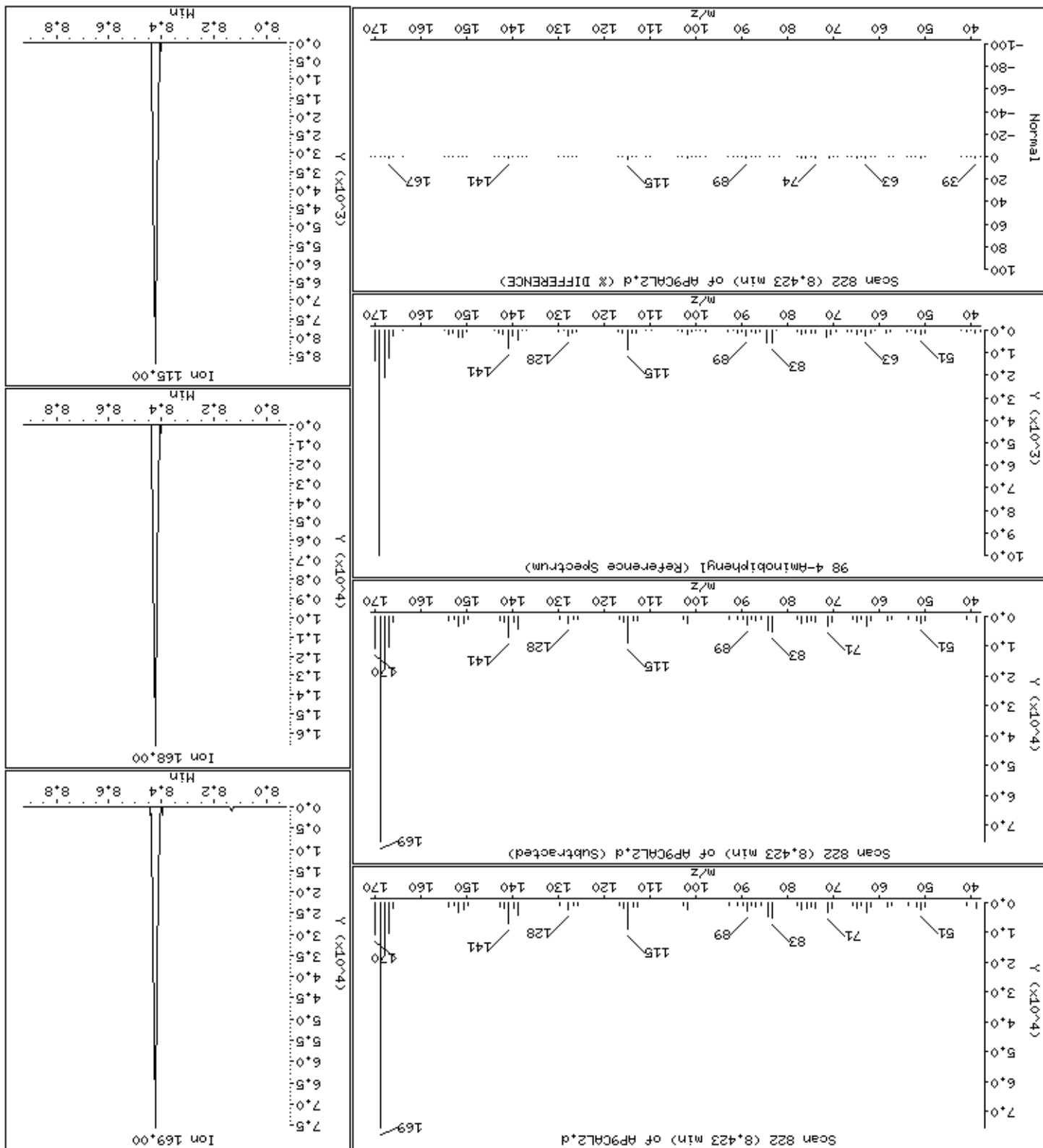
Sample Info: 47938

Operator: MJ

Column diameter: 0.25

Concentration: 9.6 ug/kg

98-4-aminobiphenyl



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

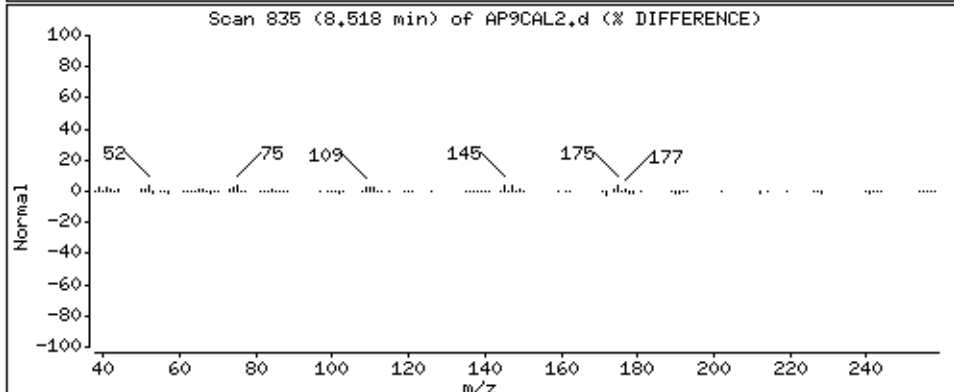
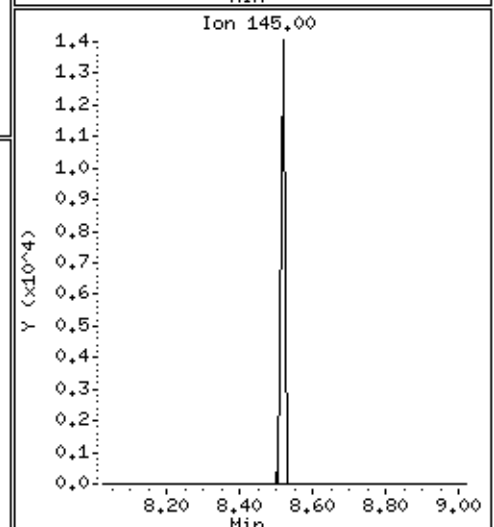
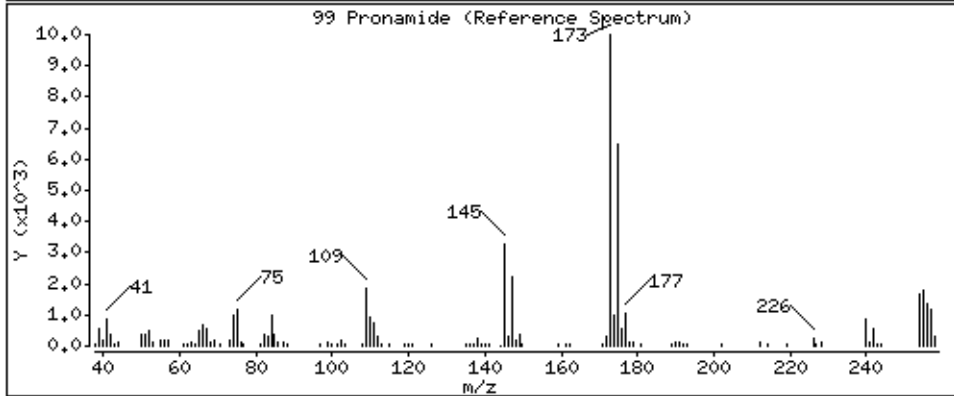
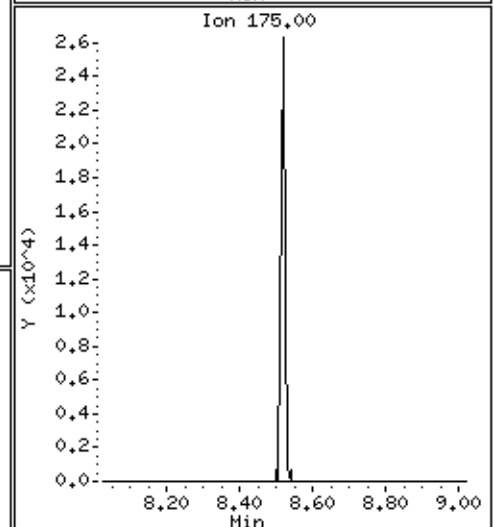
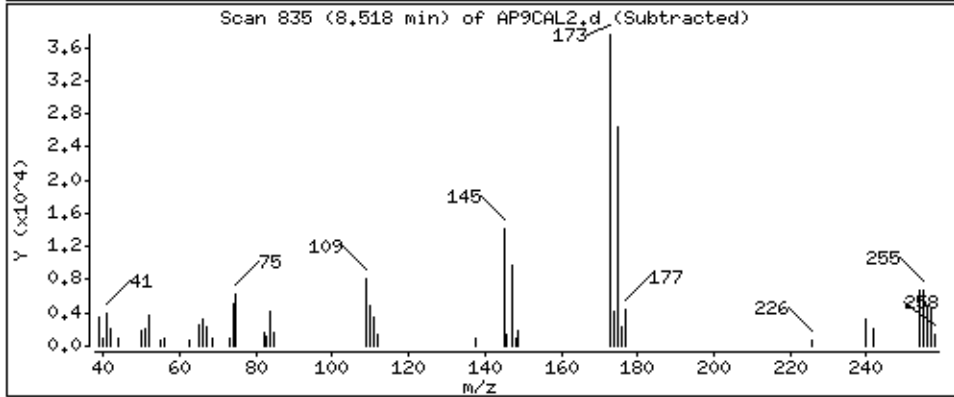
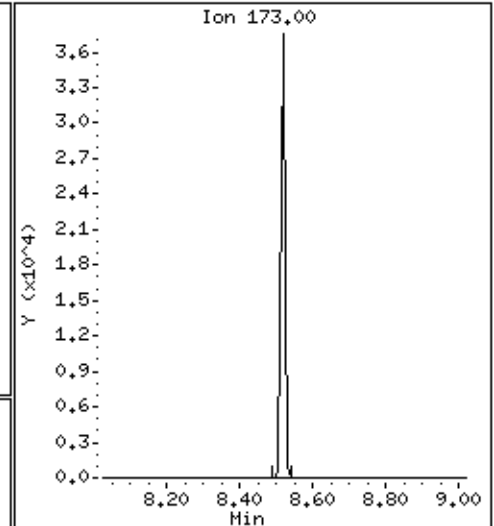
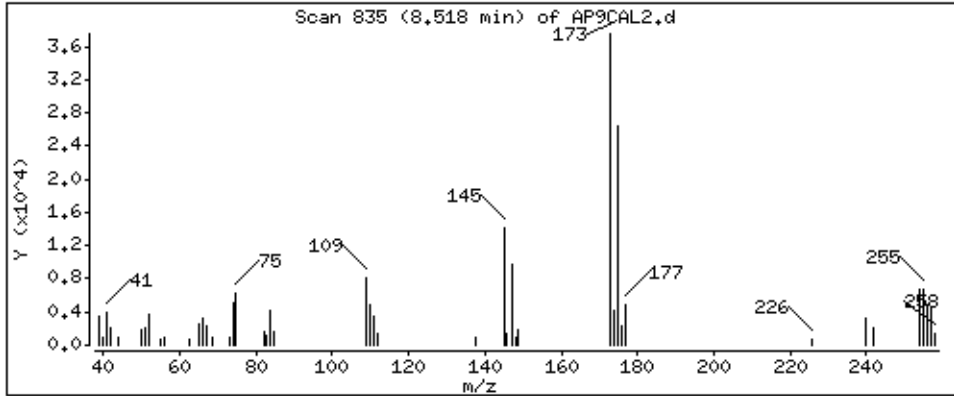
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

99 Pronamide

Concentration: 9,3 ug/kg



Date: 15-NOV-2012 11:09

Client ID: AP9CAL2

Sample Info: 47938

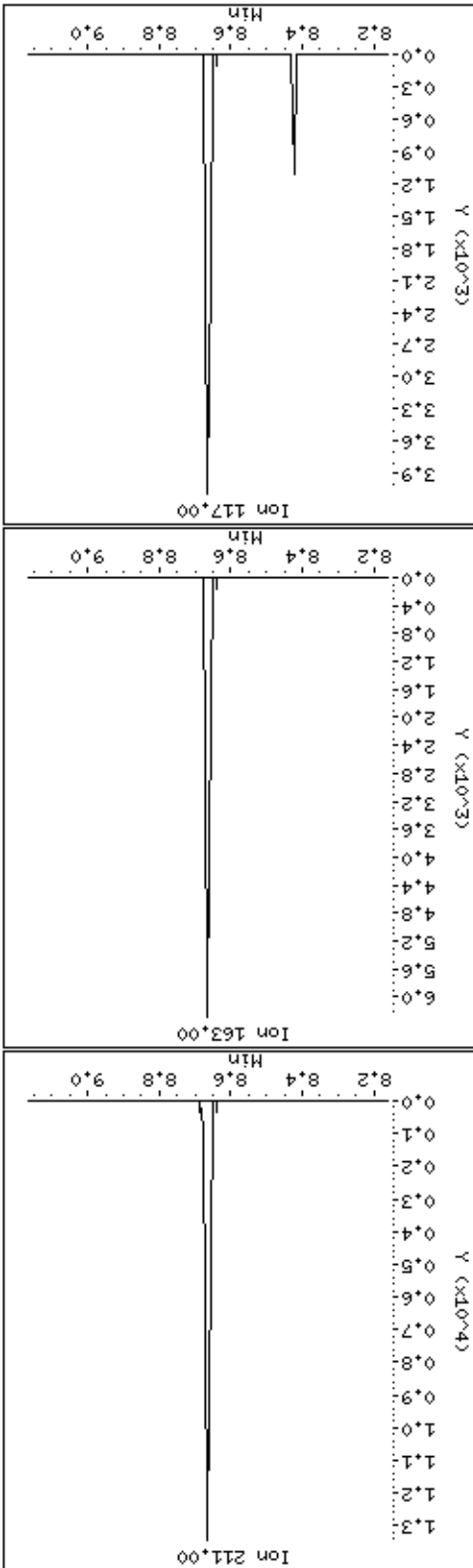
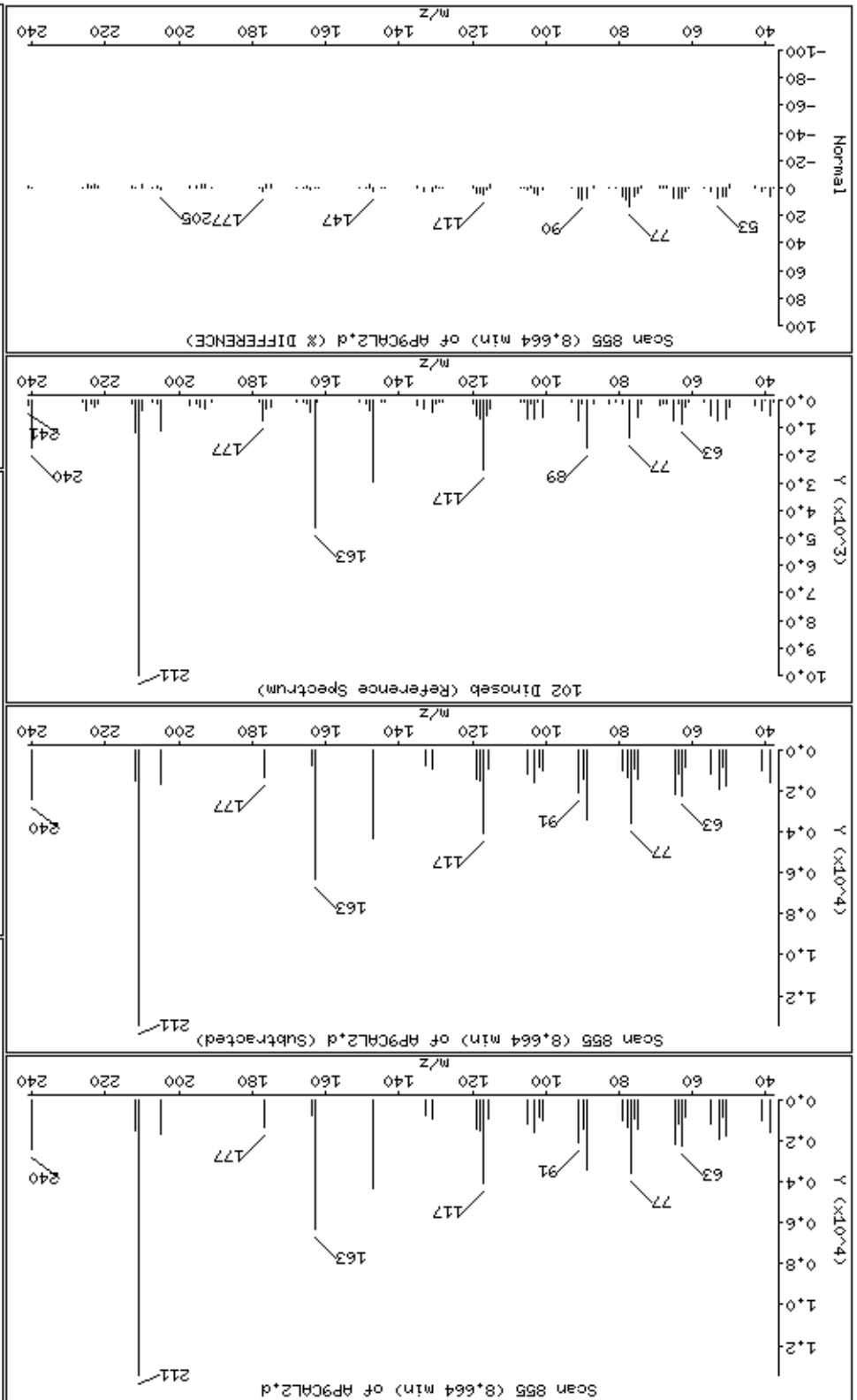
Operator: MJ

Column diameter: 0.25

Concentration: 9.9 ug/kg

Instrument: smsd04.1

102 Dinoseb



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

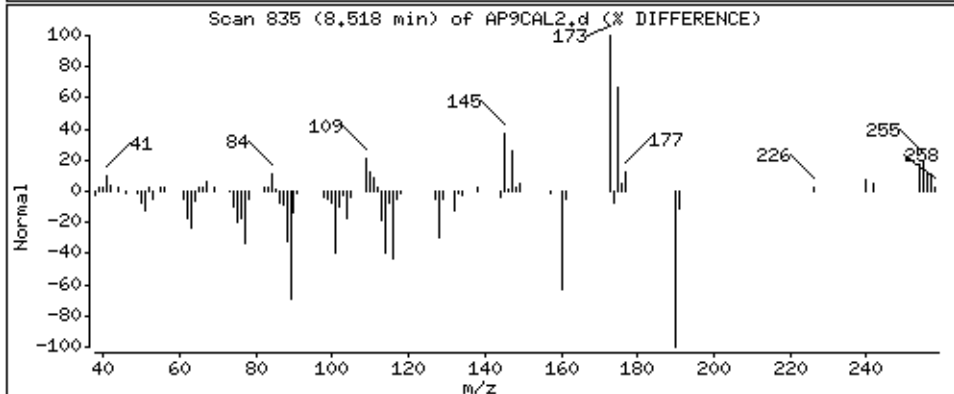
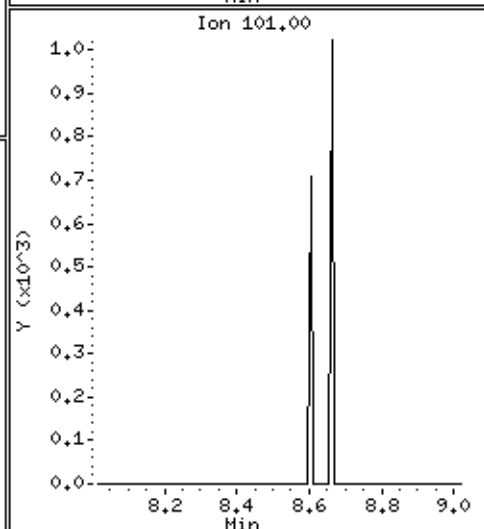
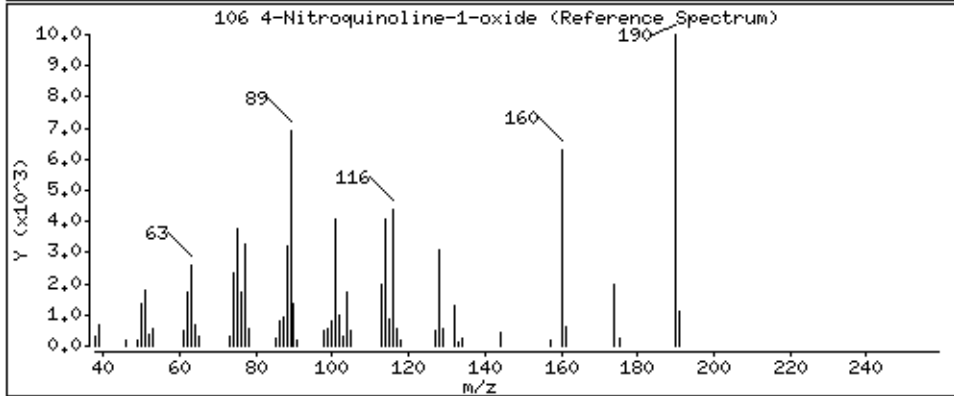
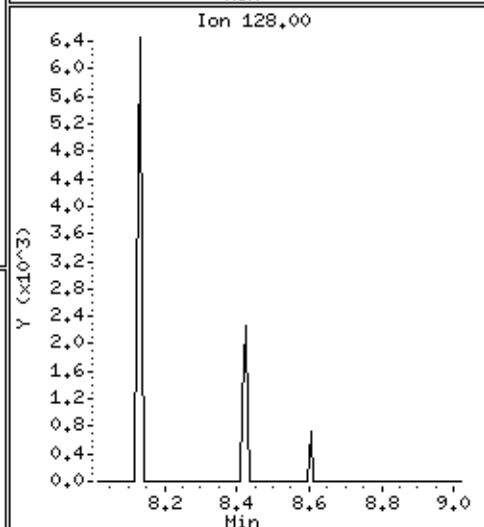
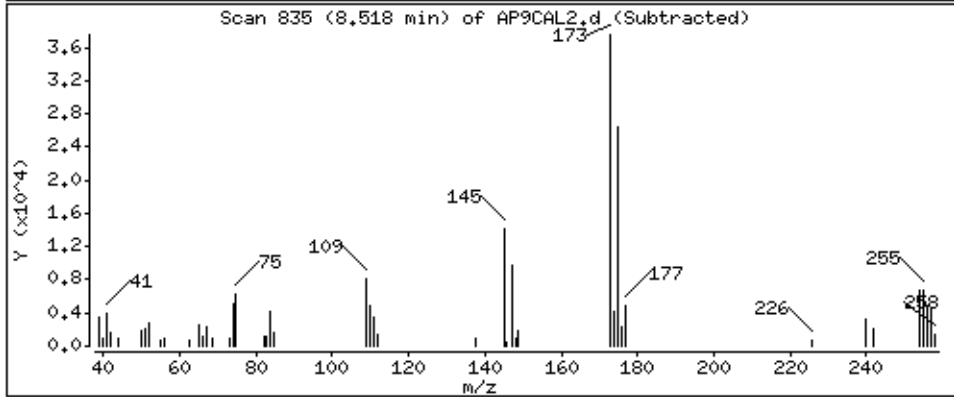
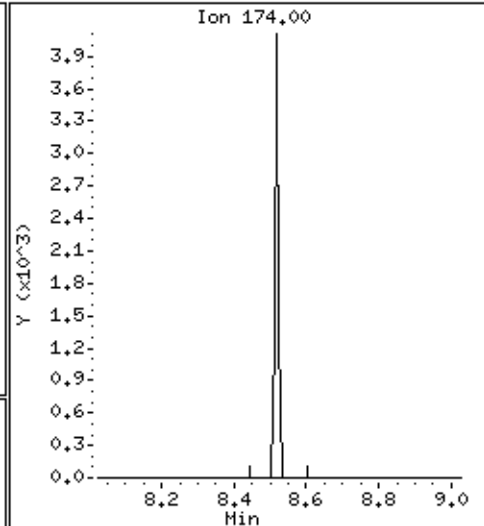
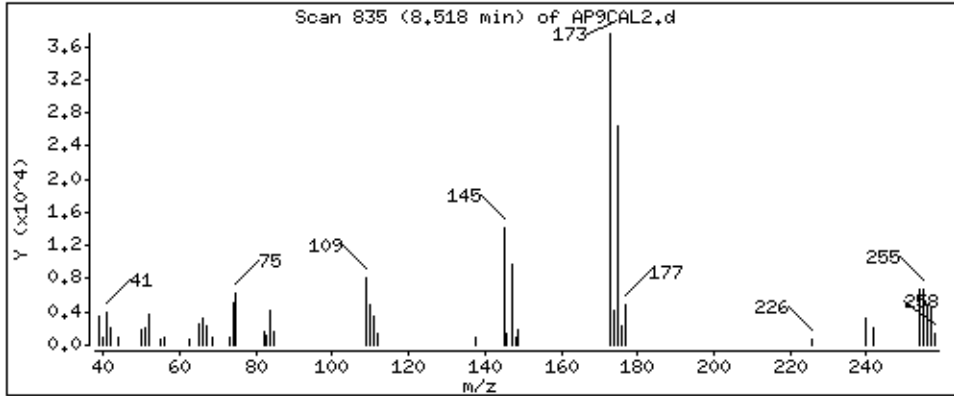
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

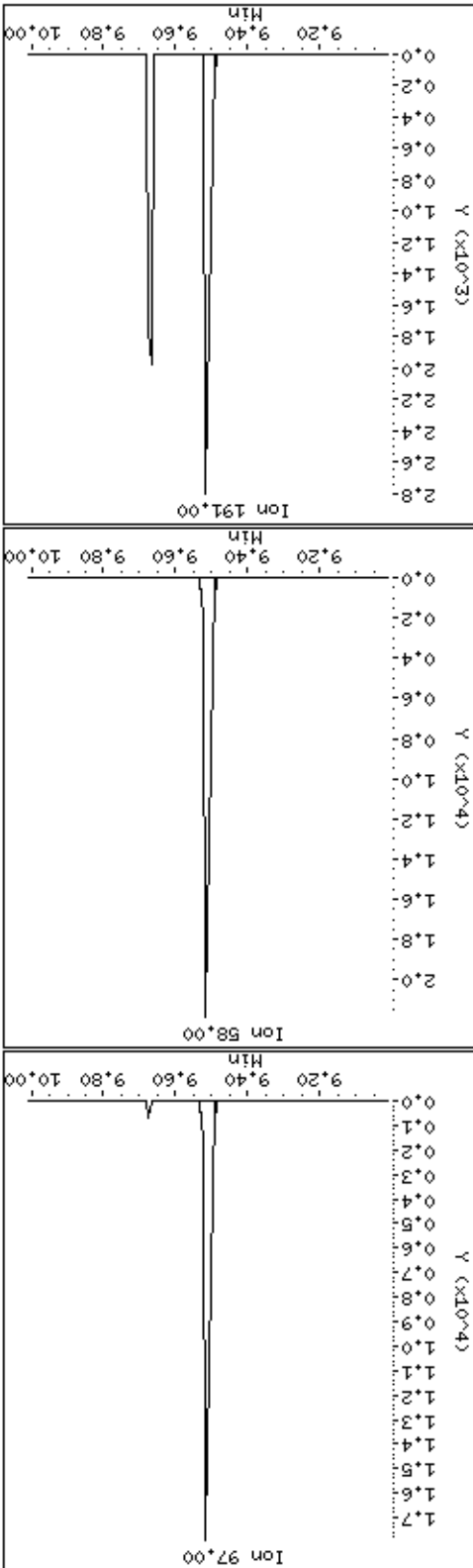
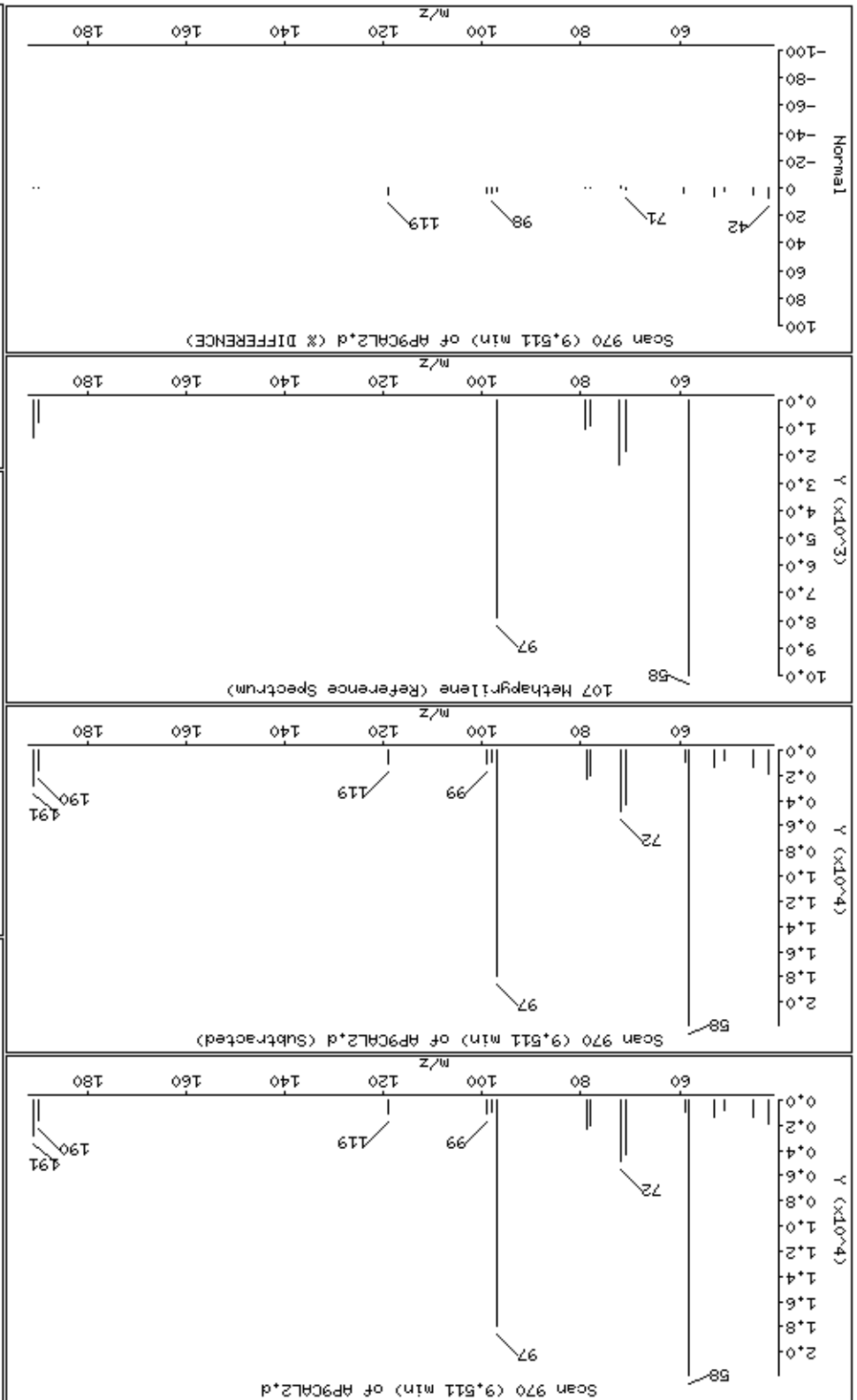
106 4-Nitroquinoline-1-oxide

Concentration: 9,4 ug/kg





107 Methapyriene



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Sample Info: 47938

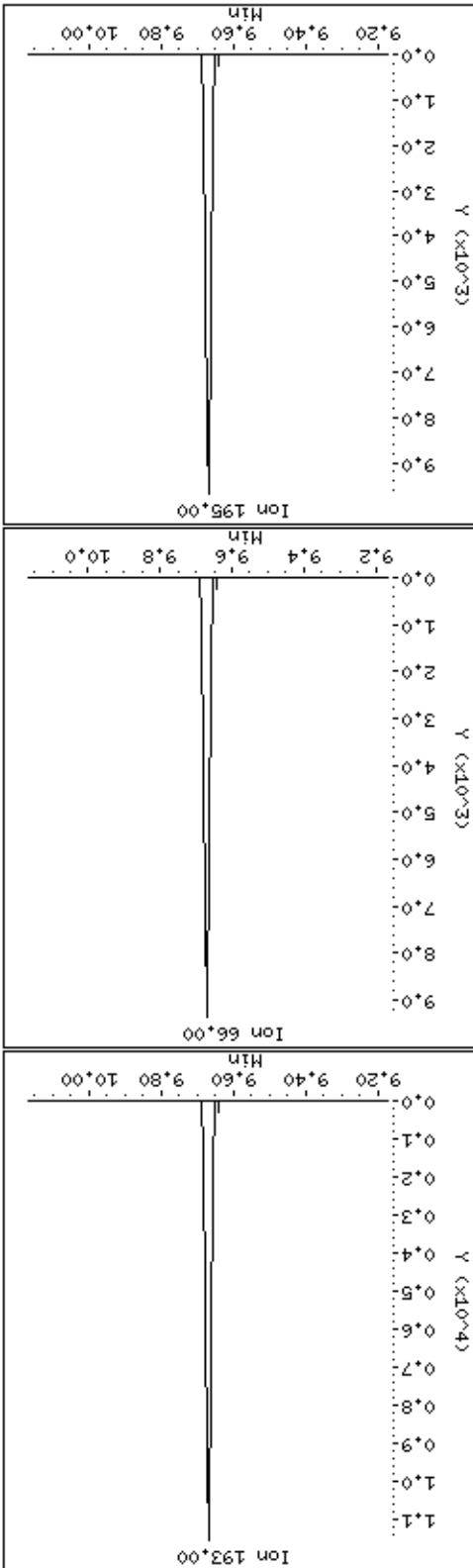
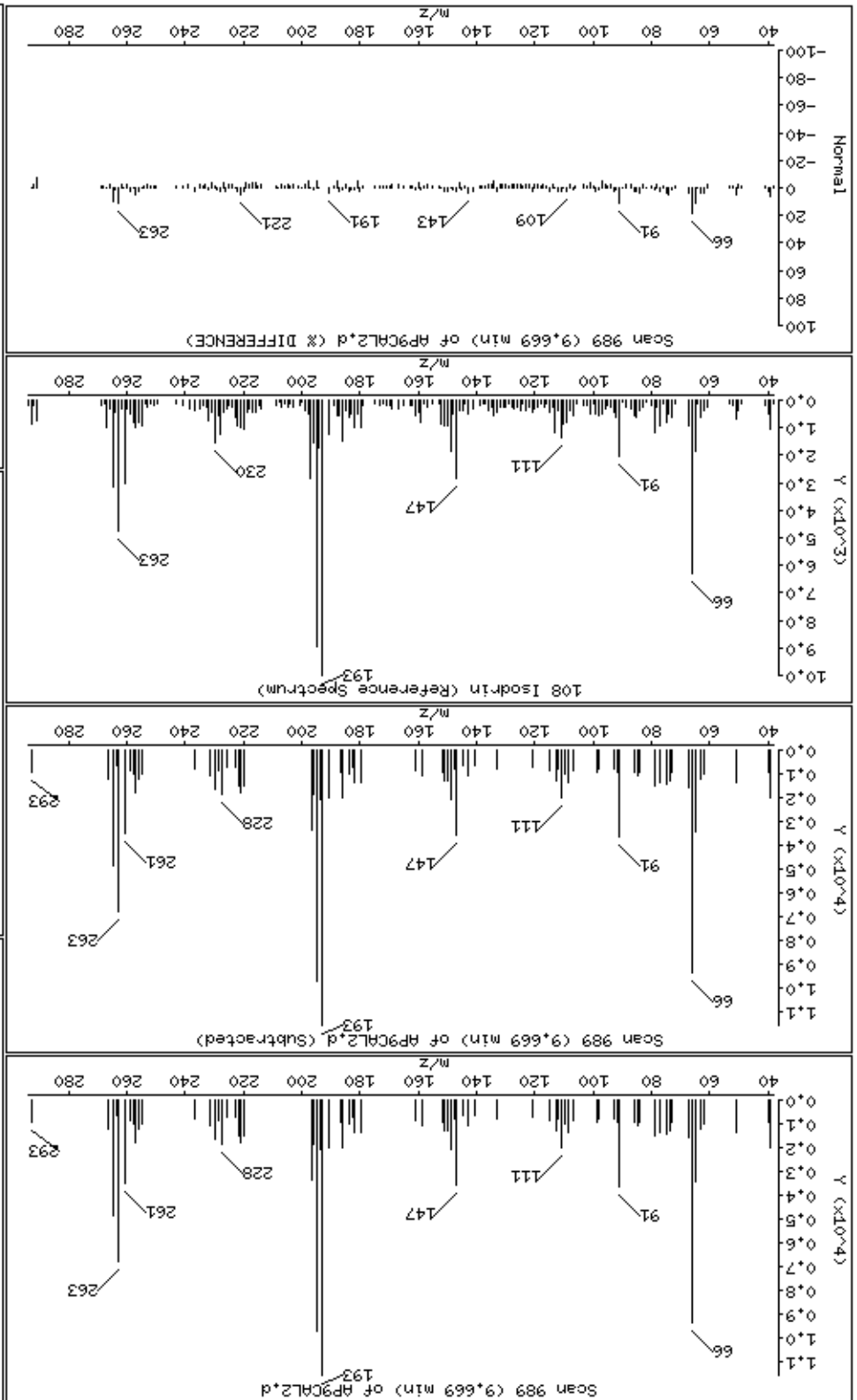
Operator: MJ

Column diameter: 0.25

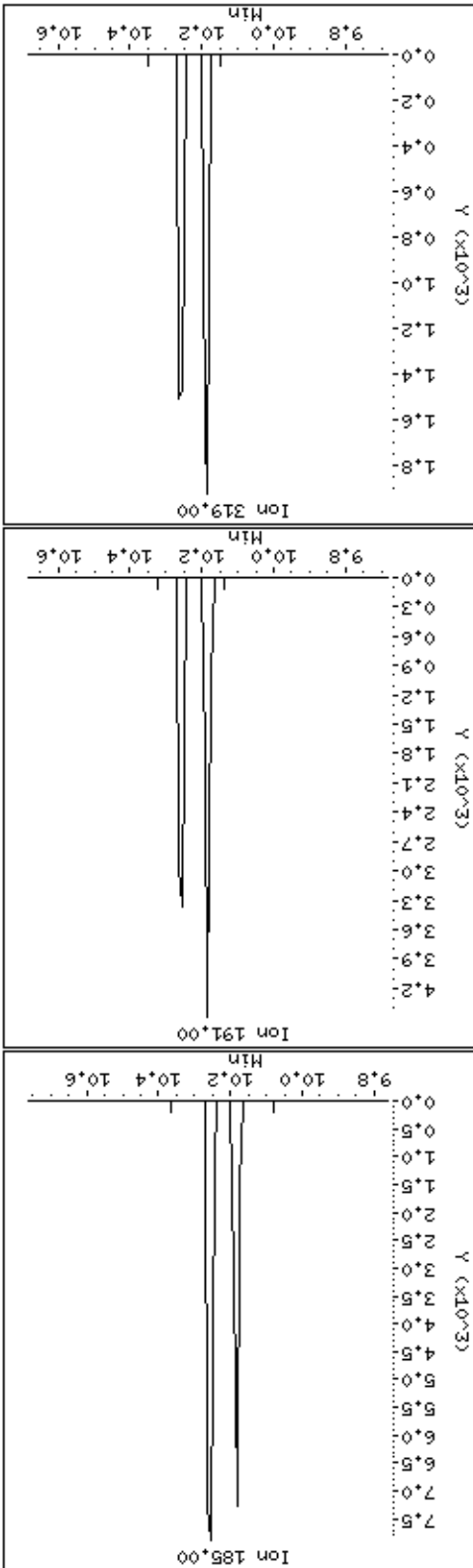
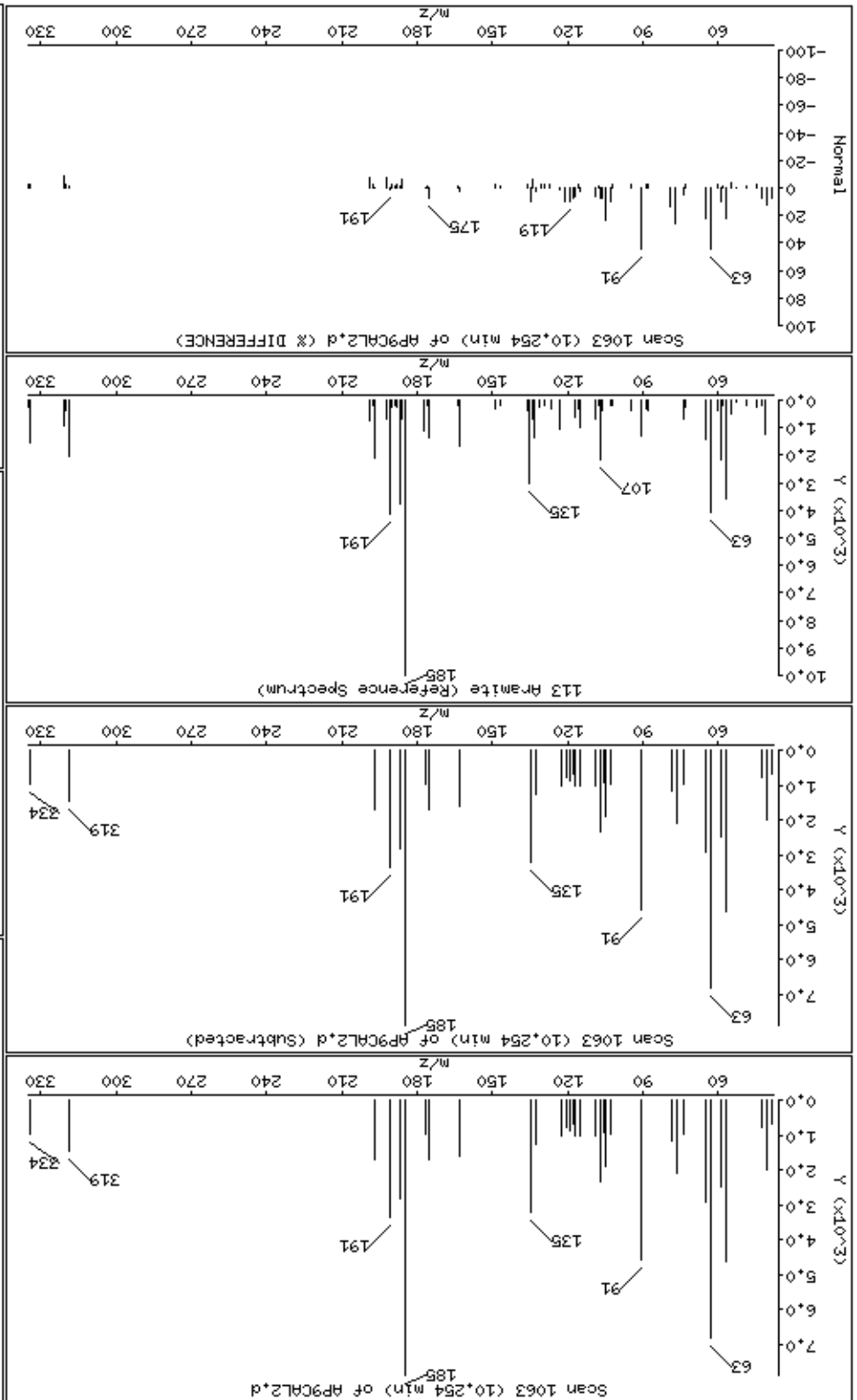
Instrument: smsd04.i

108 Isodrin

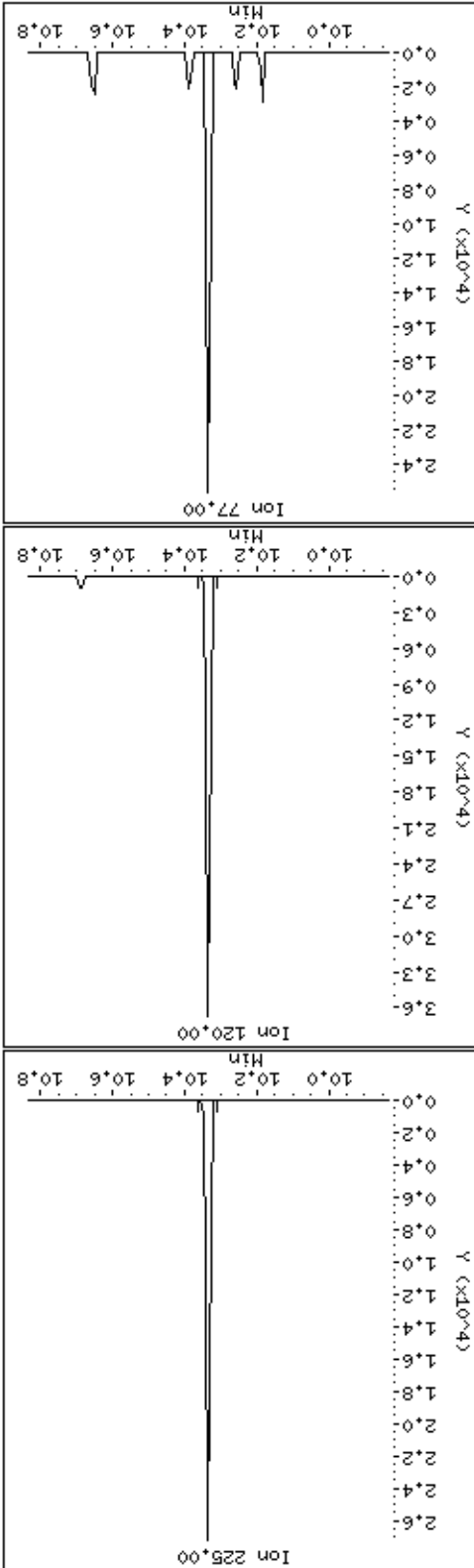
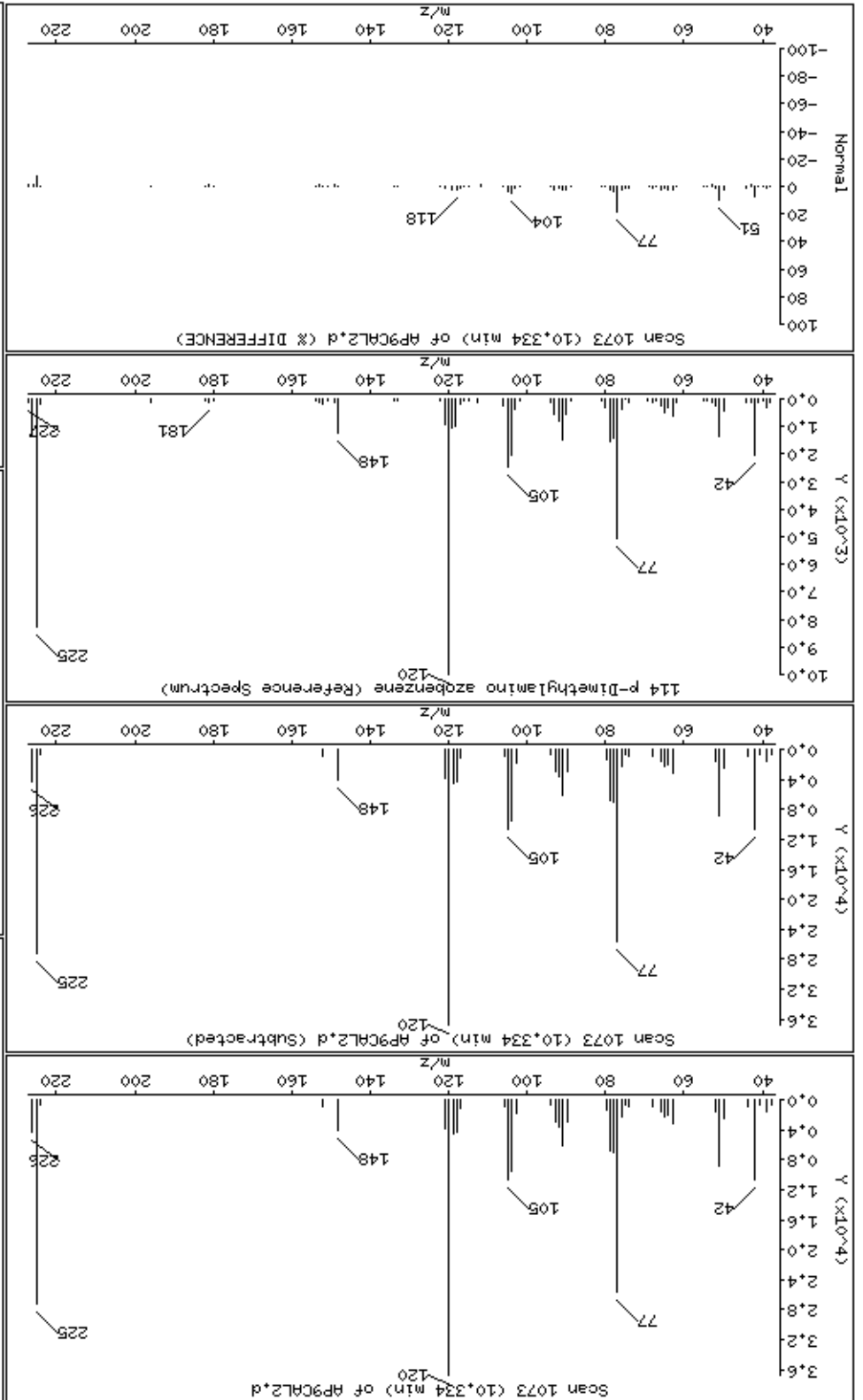
Concentration: 9.6 ug/kg

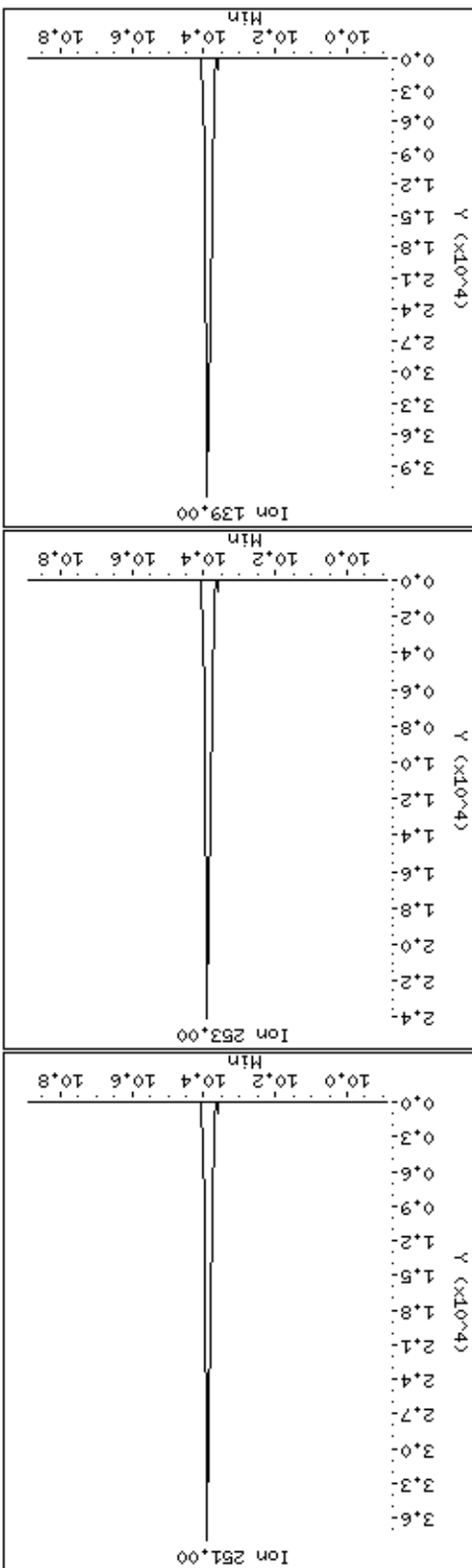
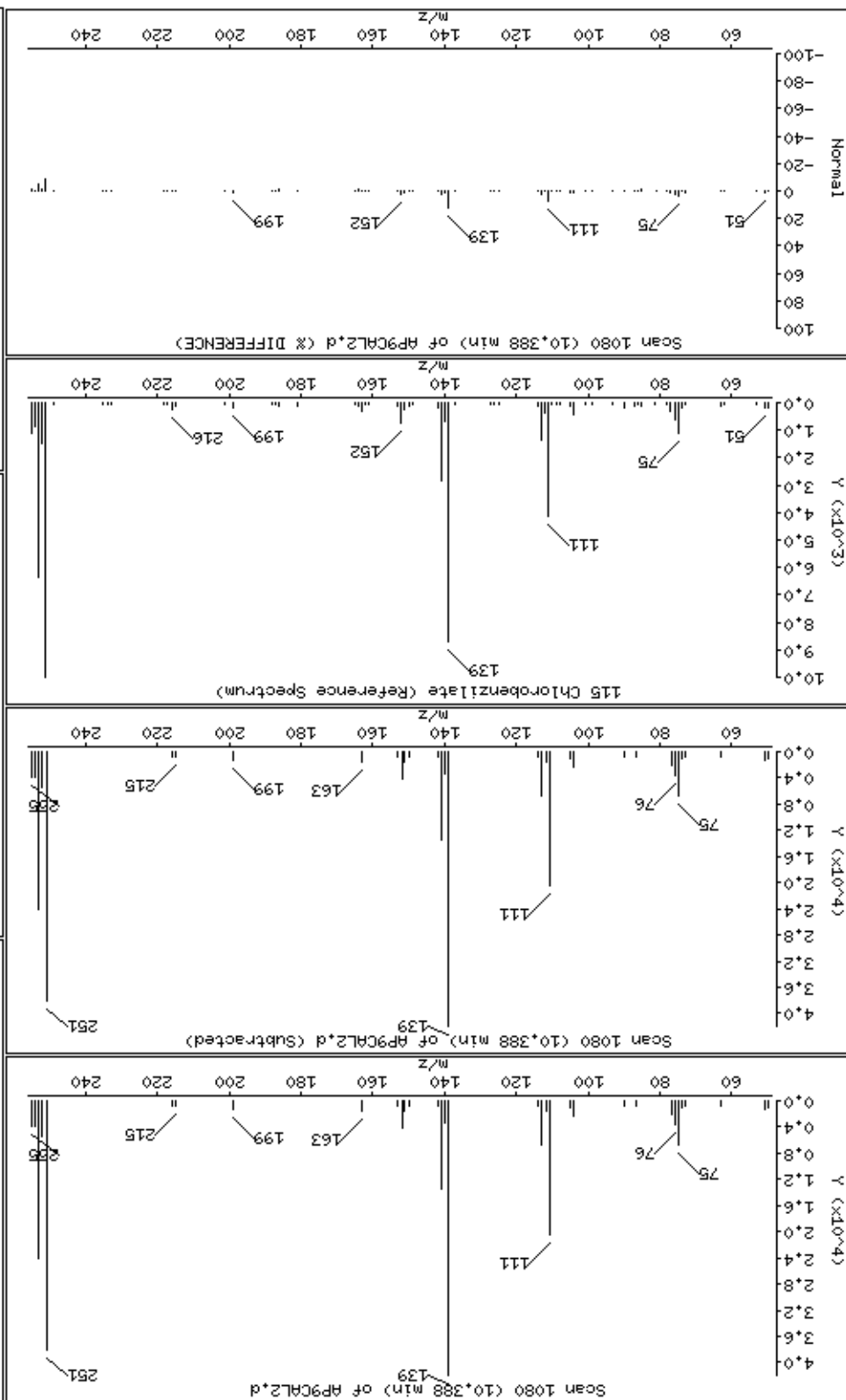


113 Aramite



114-p-Dimethylamino azobenzene





Date: 15-NOV-2012 11:09

Client ID: AP9CAL2

Sample Info: 47938

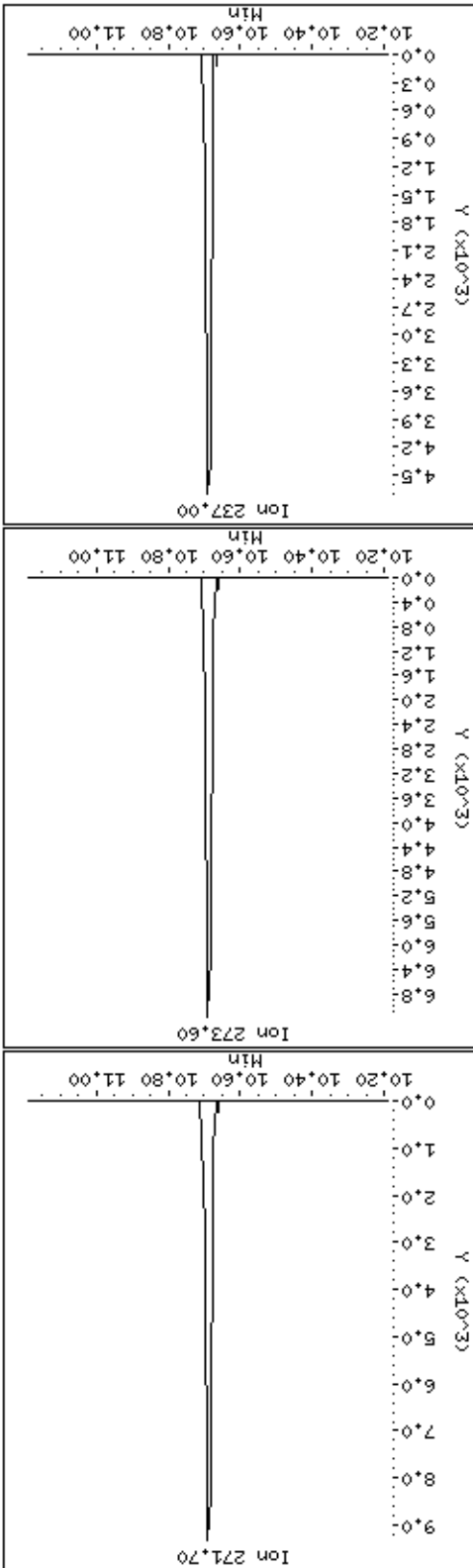
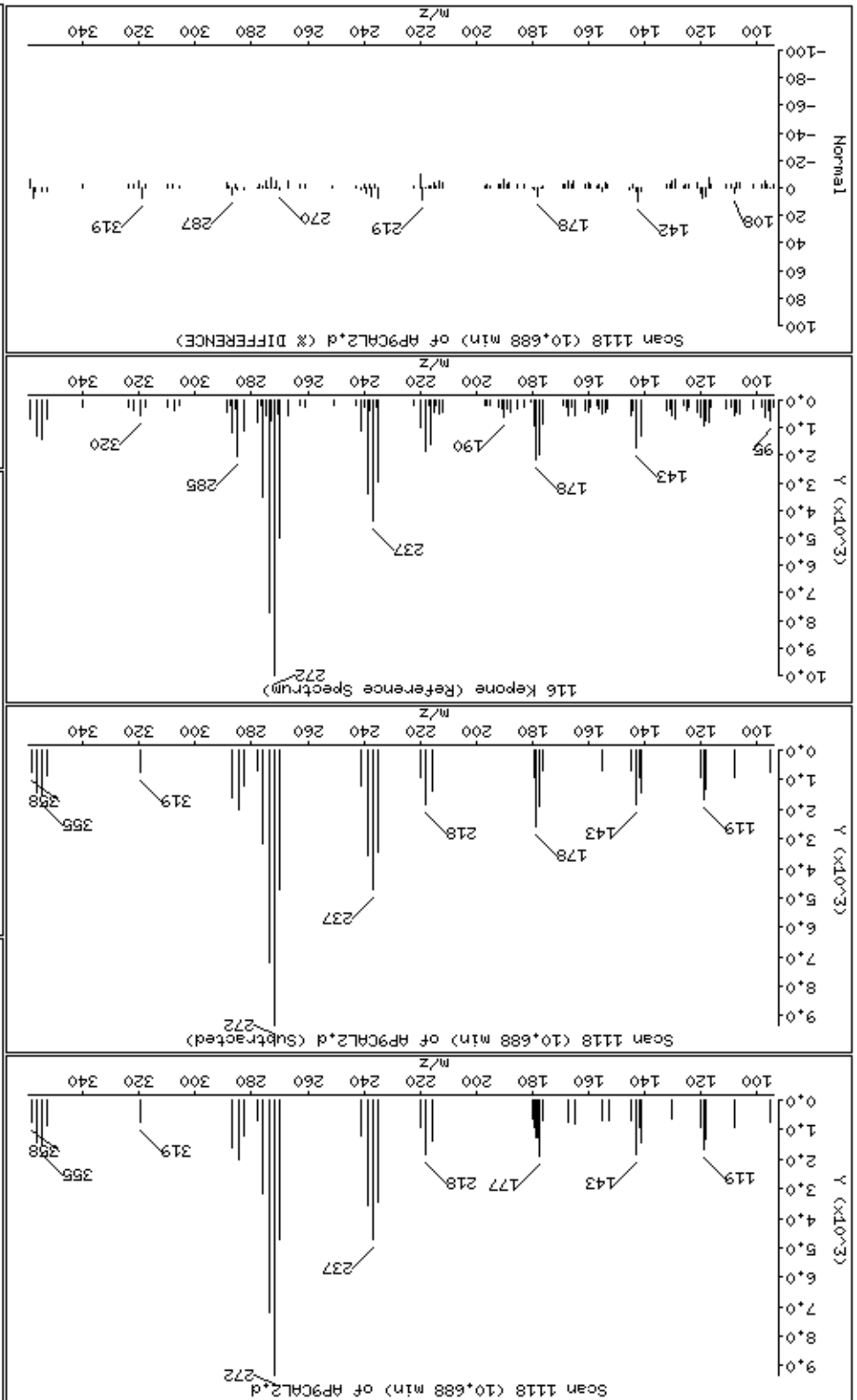
Operator: MJ

Column diameter: 0.25

Concentration: 11.3 ug/kg

Instrument: smsd04.1

116 Kepone



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

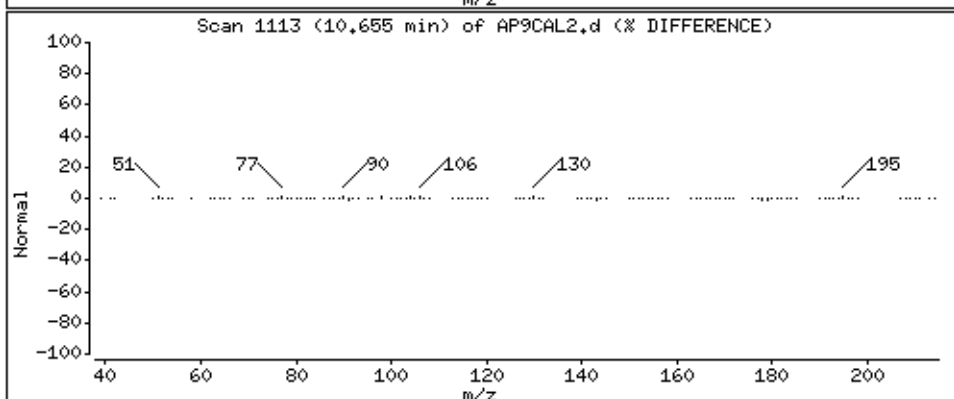
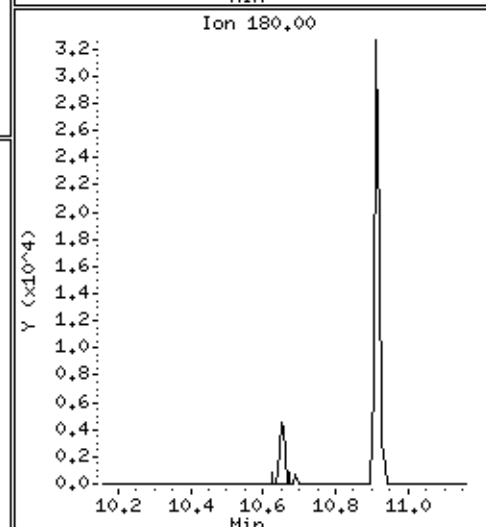
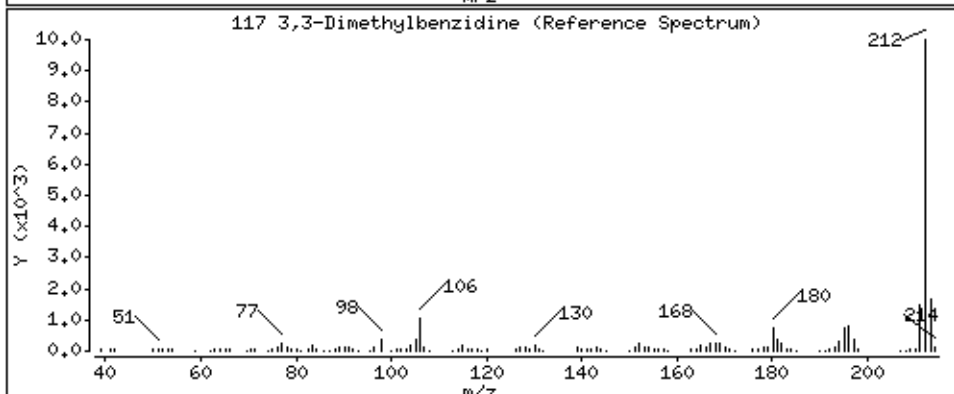
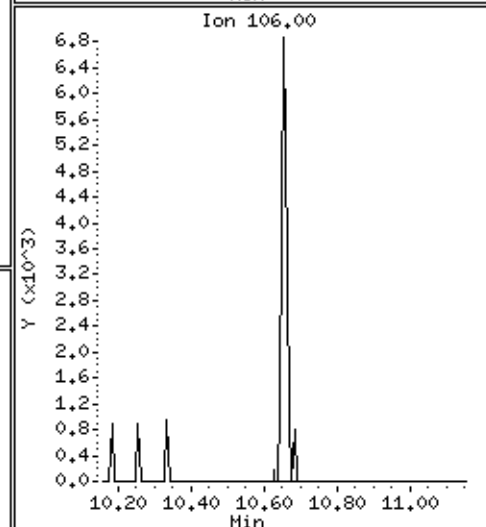
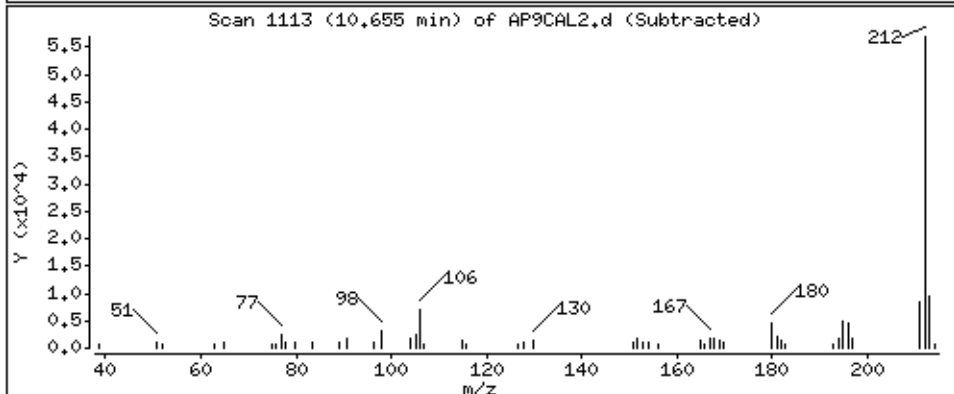
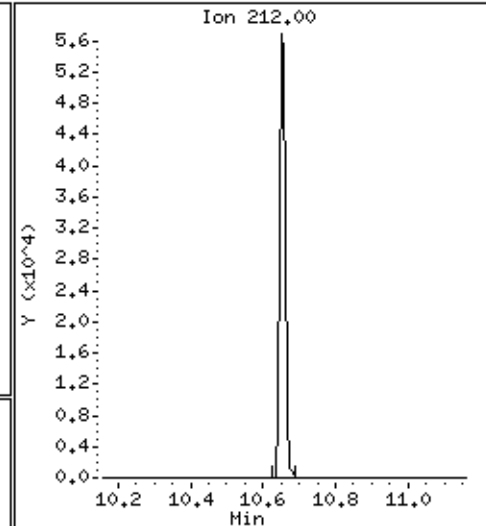
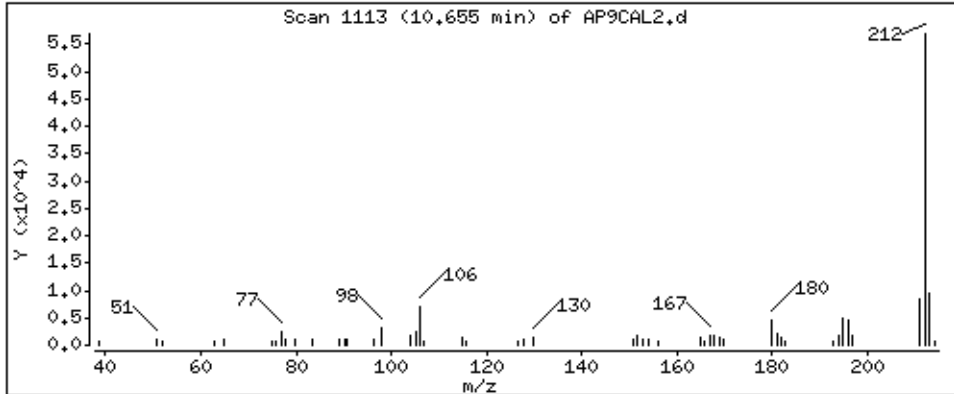
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

117 3,3-Dimethylbenzidine

Concentration: 10,6 ug/kg



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

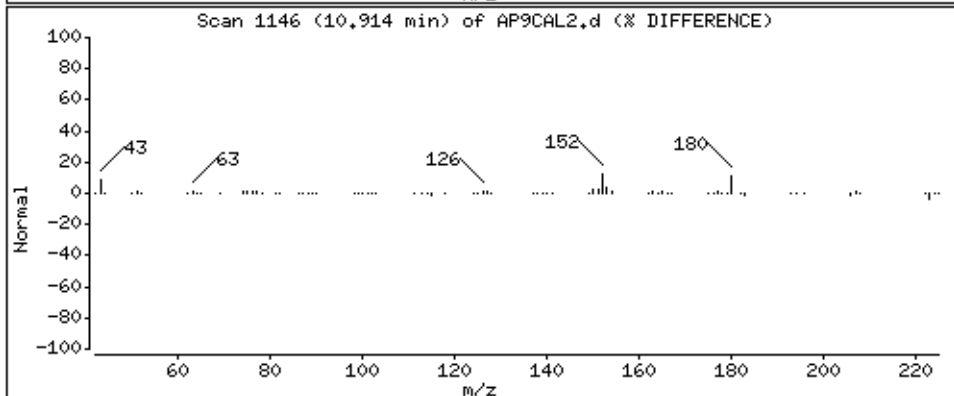
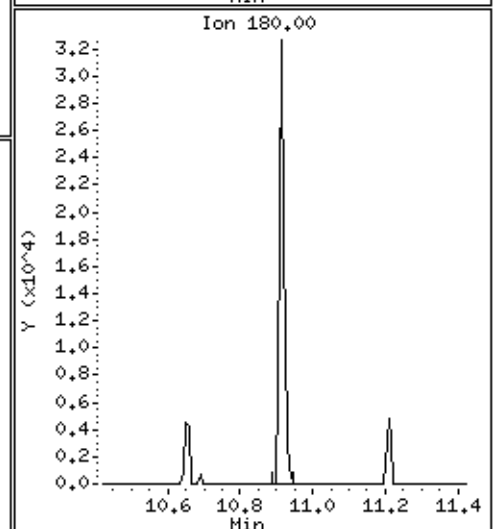
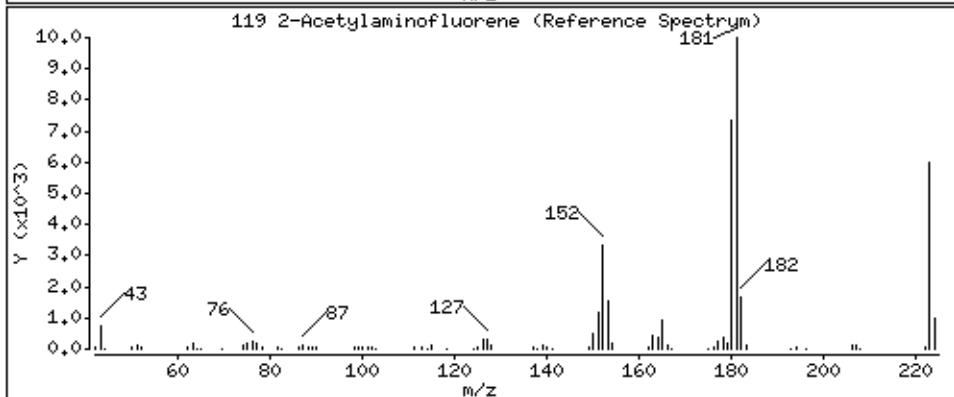
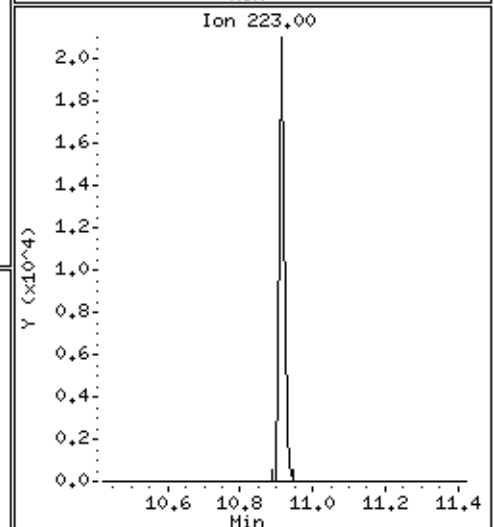
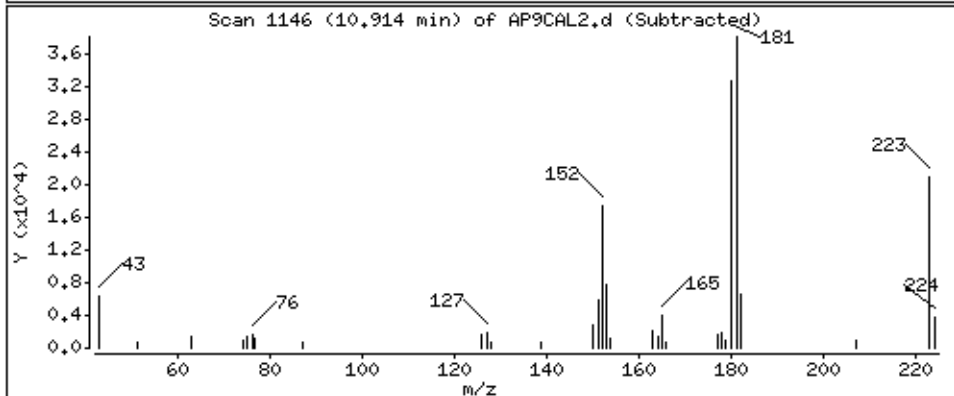
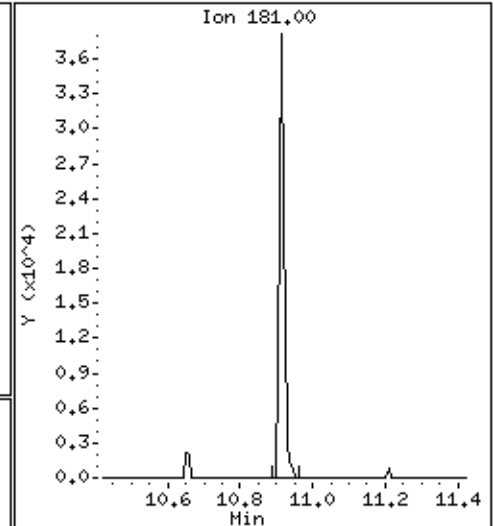
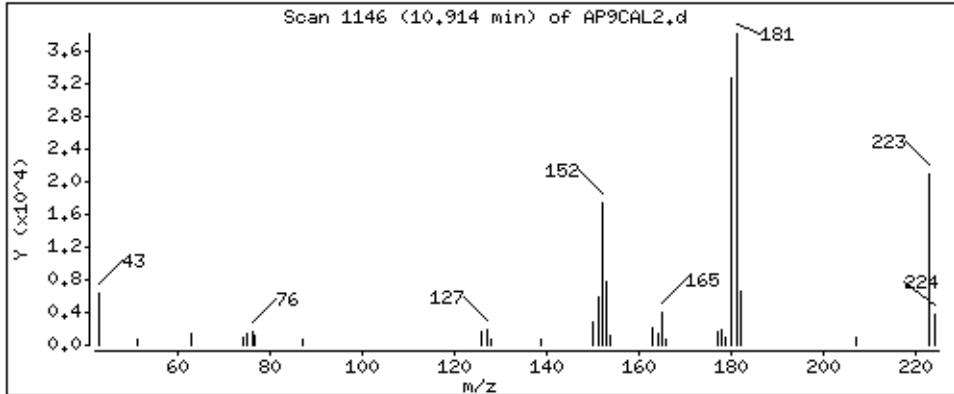
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

119 2-Acetylaminofluorene

Concentration: 10 ug/kg





Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

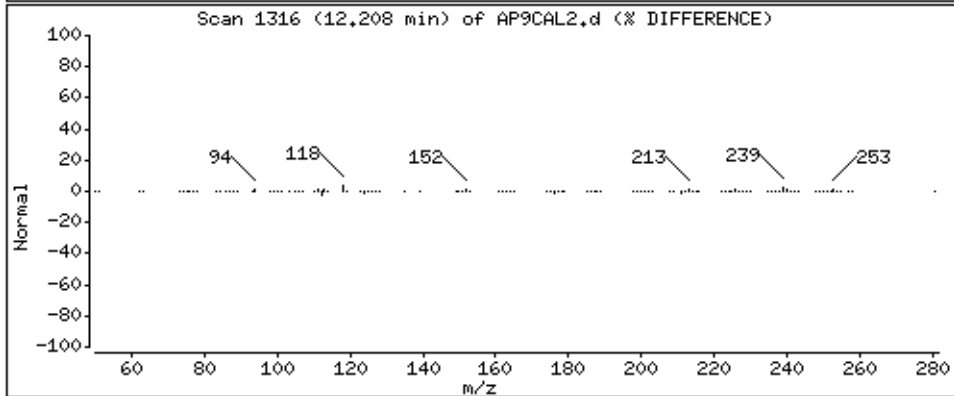
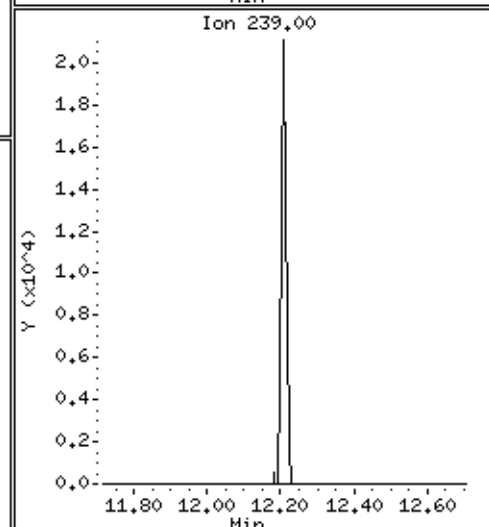
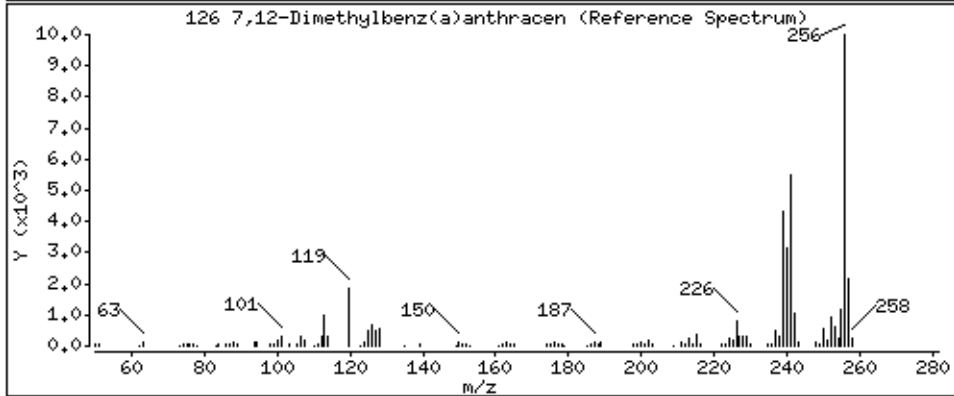
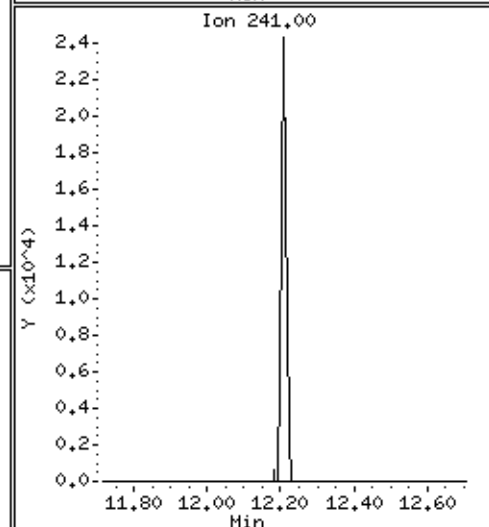
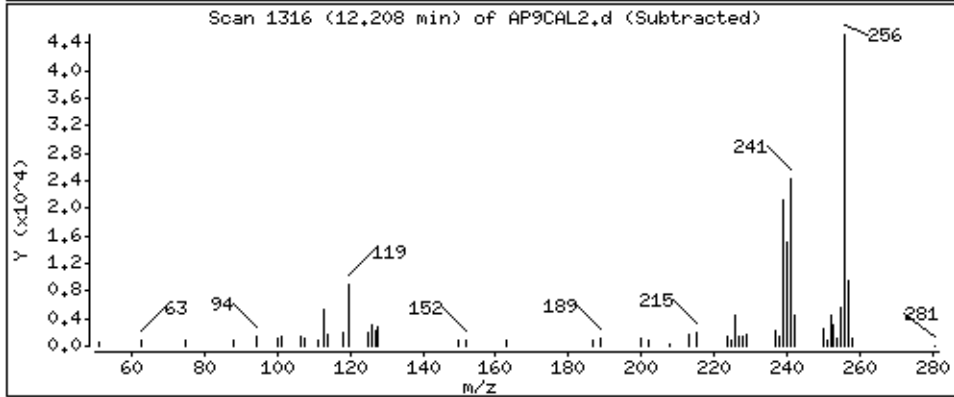
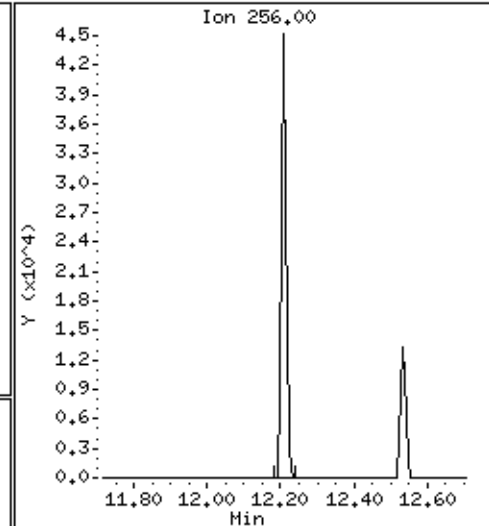
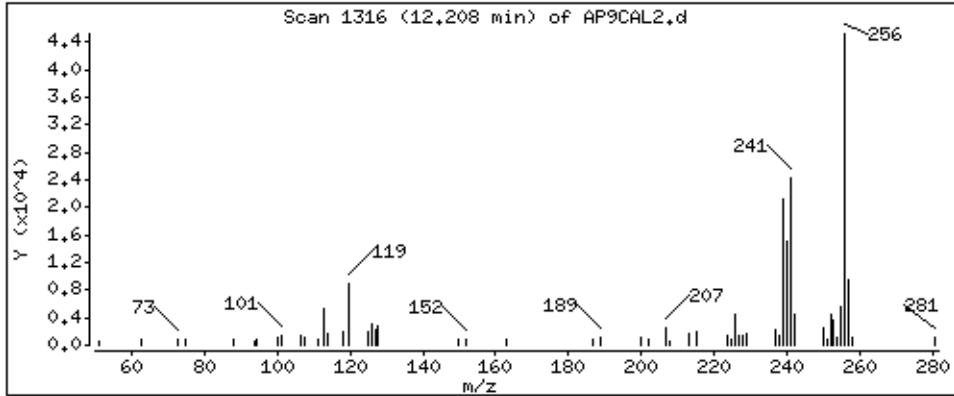
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

126 7,12-Dimethylbenz(a)anthracen

Concentration: 9,1 ug/kg



Date : 15-NOV-2012 11:09

Client ID: AP9CAL2

Instrument: smsd04.i

Sample Info: 47938

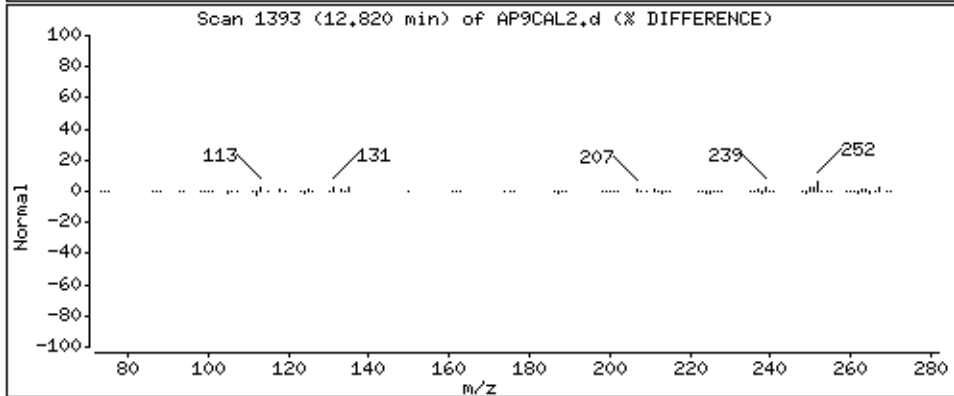
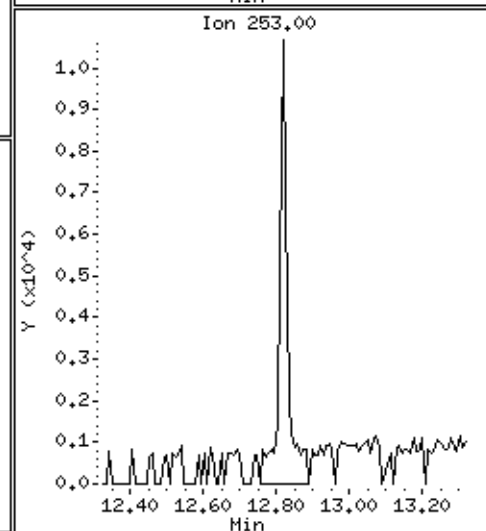
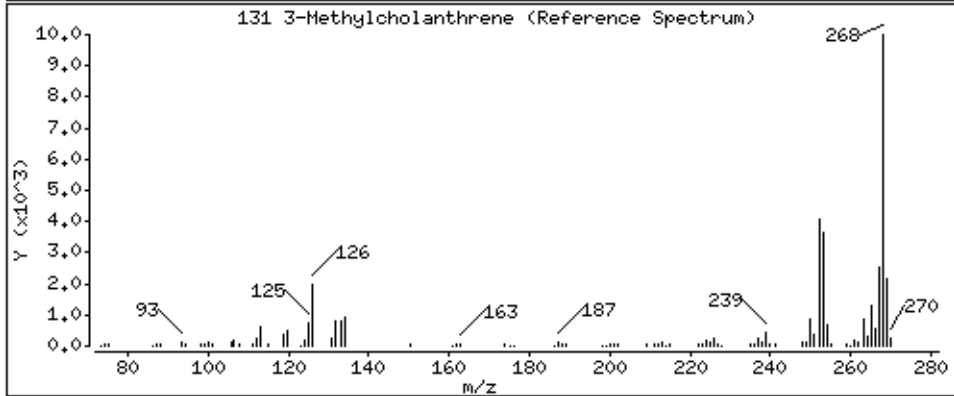
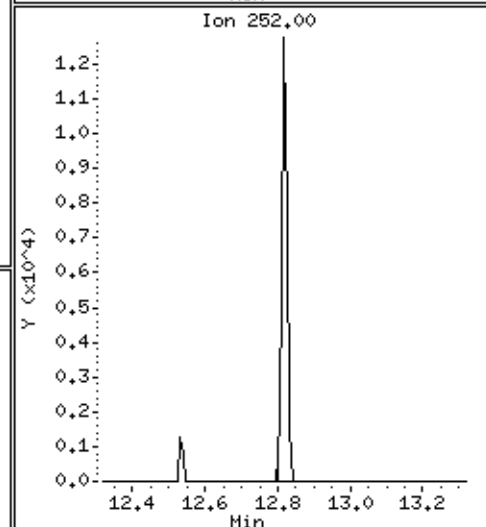
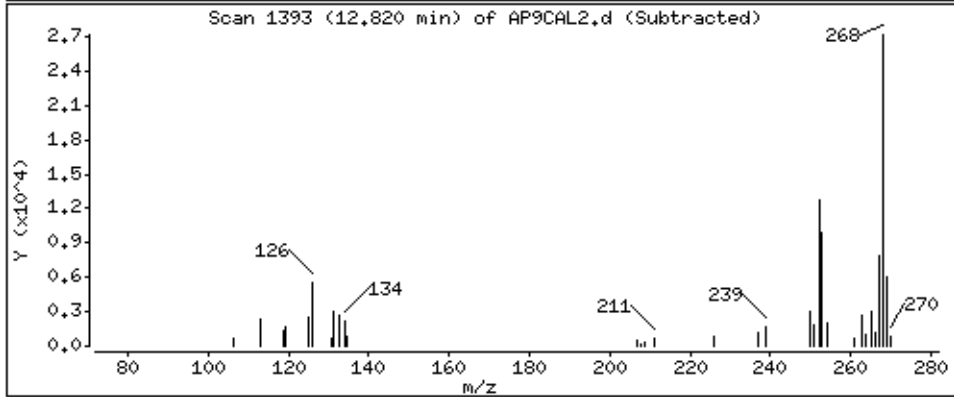
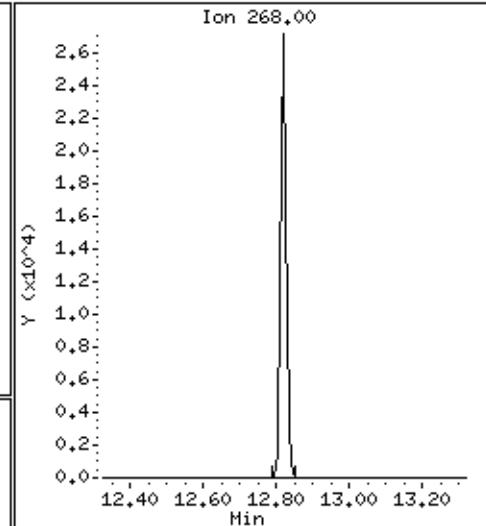
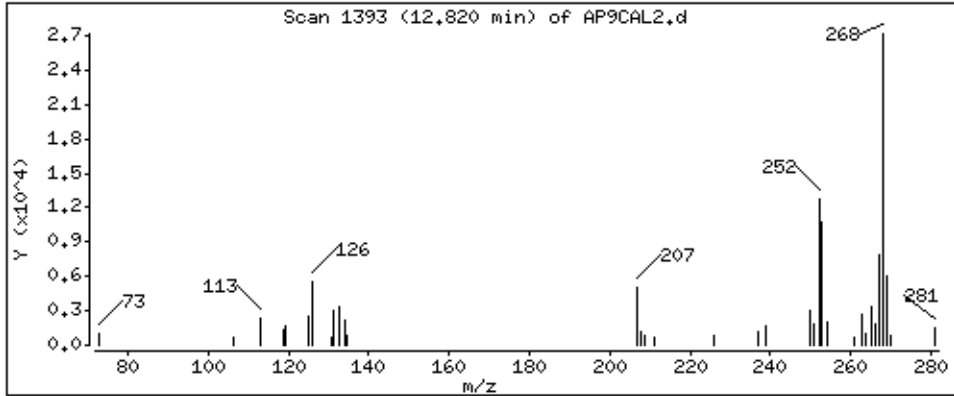
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

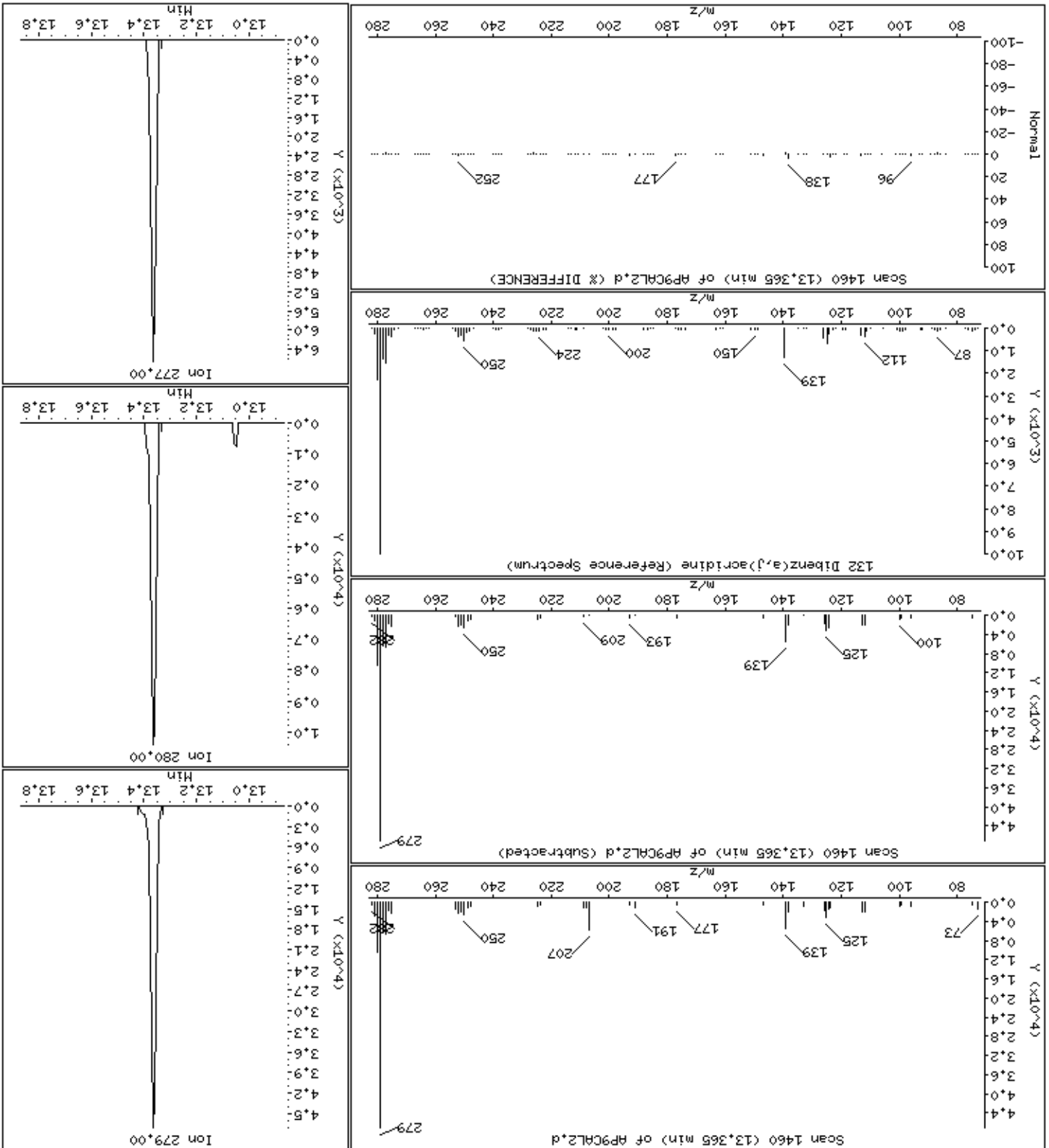
131 3-Methylcholanthrene

Concentration: 8,9 ug/kg



132 Dibenz(a,j)acridine

Column phase: HPMS-5



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\AP9CAL1.d  
 Lab Smp Id: 47939 Client Smp ID: AP9CAL1  
 Inj Date : 15-NOV-2012 11:30 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47939  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 11:30 Cal File: AP9CAL1.d  
 Als bottle: 47 Calibration Sample, Level: 1  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: ap9cal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
3 2- Picoline CAS #: 109-06-8									
2.798	2.786 ( 0.652)	93	15112	4.00000	4.0	80.00- 120.00	100.00		
2.798	2.785 ( 0.652)	66	7692			18.85- 78.85	50.90		
2.799	2.786 ( 0.652)	92	3094			0.00- 55.79	20.47		
4 N-Nitrosomethylethylamine CAS #: 10595-95-6									
2.901	2.892 ( 0.676)	88	6035	4.00000	3.8	80.00- 120.00	100.00		
2.898	2.893 ( 0.675)	43	4234			40.05- 100.05	70.16		
2.897	2.892 ( 0.675)	42	6894			84.22- 144.22	114.23		
5 Methyl Methanesulfonate CAS #: 66-27-3									
3.142	3.139 ( 0.732)	80	9195	4.00000	4.2	80.00- 120.00	100.00		
3.142	3.139 ( 0.732)	79	6410			37.37- 97.37	69.71		
3.142	3.139 ( 0.732)	65	2380			0.00- 58.04	25.88		
7 N-Nitrosodiethylamine CAS #: 55-18-5									
3.449	3.445 ( 0.803)	102	6335	4.00000	3.9	80.00- 120.00	100.00		
3.448	3.444 ( 0.803)	42	5423			59.82- 119.82	85.60		
3.447	3.444 ( 0.803)	57	3150			22.61- 82.61	49.72		
8 Ethyl Methanesulfonate CAS #: 62-50-0									
3.691	3.691 ( 0.860)	79	10746	4.00000	4.0	80.00- 120.00	100.00		

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
8 Ethyl Methanesulfonate (continued)									
3.692	3.691	( 0.860)	109	6171			26.91-	86.91	57.43
3.692	3.691	( 0.860)	97	1678			0.00-	49.95	15.62
-----									
12 Pentachloroethane CAS #: 76-01-7									
4.048	4.048	( 0.943)	167	5599	4.00000	3.8	80.00-	120.00	100.00(M)
4.048	4.048	( 0.943)	117	5045			54.61-	114.61	90.11
4.048	4.048	( 0.943)	130	2454			8.16-	68.16	43.83
-----									
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.294	4.294	( 1.000)	152	96603	40.0000		80.00-	120.00	100.00
4.294	4.294	( 1.000)	115	64108			34.81-	94.81	66.36
4.294	4.294	( 1.000)	150	154694			126.51-	186.51	160.13
-----									
24 N-Nitrosopyrrolidine CAS #: 930-55-2									
4.664	4.671	( 1.086)	100	6741	4.00000	3.9	80.00-	120.00	100.00
4.665	4.670	( 1.086)	41	6244			67.29-	127.29	92.63
4.666	4.671	( 1.087)	42	5879			56.85-	116.85	87.21
-----									
25 Acetophenone CAS #: 98-86-2									
4.671	4.675	( 0.855)	105	20859	4.00000	4.2	80.00-	120.00	100.00
4.670	4.675	( 0.855)	77	19455			60.51-	120.51	93.27
4.671	4.674	( 0.855)	51	6986			1.60-	61.60	33.49
-----									
27 N-Nitrosomorpholine CAS #: 59-89-2									
4.678	4.684	( 1.089)	56	8776	4.00000	4.0	80.00-	120.00	100.00
4.681	4.685	( 1.090)	116	2328			2.11-	62.11	26.53
4.678	4.684	( 1.089)	86	3407			18.75-	78.75	38.82
-----									
29 o-Toluidine CAS #: 95-53-4									
4.711	4.715	( 1.097)	106	19919	4.00000	19.3	80.00-	120.00	100.00(H)
4.710	4.715	( 1.097)	77	4265			0.00-	51.90	21.41
4.711	4.715	( 1.097)	107	15558			44.38-	104.38	78.11
-----									
33 N-Nitrosopiperidine CAS #: 100-75-4									
4.965	4.967	( 0.909)	114	5684	4.00000	3.7	80.00-	120.00	100.00
4.965	4.967	( 0.909)	42	8434			123.47-	183.47	148.38
4.964	4.967	( 0.909)	55	5298			53.49-	113.49	93.21
-----									
37 o,o,o-Triethylphosphorothioate CAS #: 126-68-1									
5.260	5.263	( 1.225)	198	7323	4.00000	3.9	80.00-	120.00	100.00
5.259	5.262	( 1.225)	97	5990			54.13-	114.13	81.80
5.260	5.262	( 1.225)	65	4709			38.00-	98.00	64.30
-----									
39 a,a-Dimethylphenethylamine CAS #: 122-09-8									
5.326	5.375	( 0.975)	58	28249	4.00000	3.5	80.00-	120.00	100.00
5.327	5.375	( 0.975)	91	4645			0.00-	50.20	16.44
5.325	5.376	( 0.975)	65	2468			0.00-	36.52	8.74
-----									
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.462	5.463	( 1.000)	136	328662	40.0000		80.00-	120.00	100.00
5.462	5.463	( 1.000)	68	24677			0.00-	37.51	7.51
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
46 2,6-Dichlorophenol					CAS #: 87-65-0				
5.557	5.559	( 1.017)	162	9780	4.00000	3.6	80.00-	120.00	100.00
5.557	5.558	( 1.017)	63	6869			41.54-	101.54	70.24
5.557	5.559	( 1.017)	98	2704			0.00-	57.68	27.65
-----					-----				
47 Hexachloropropene					CAS #: 1888-71-7				
5.597	5.597	( 1.025)	213	8434	4.00000	3.3	80.00-	120.00	100.00
5.597	5.597	( 1.025)	215	5499			34.38-	94.38	65.20
5.596	5.597	( 1.025)	117	2213			0.00-	55.68	26.24
-----					-----				
49 N-Nitrosodi-n-butylamine					CAS #: 924-16-3				
5.885	5.890	( 1.077)	84	9816	4.00000	3.7	80.00-	120.00	100.00
5.885	5.890	( 1.077)	57	7398			42.68-	102.68	75.37
5.885	5.889	( 1.077)	41	6052			32.37-	92.37	61.65
-----					-----				
52 Isosafrole					CAS #: 120-58-1				
6.058	6.066	( 1.109)	162	9116	4.00000	3.7	80.00-	120.00	100.00(M)
6.058	6.066	( 1.109)	104	7036			42.25-	102.25	77.18
6.058	6.066	( 1.109)	131	4551			19.87-	79.87	49.92
-----					-----				
56 1,2,4,5-Tetrachlorobenzene					CAS #: 95-94-3				
6.338	6.340	( 0.884)	216	12715	4.00000	3.7	80.00-	120.00	100.00
6.337	6.340	( 0.884)	214	10306			49.18-	109.18	81.05
6.337	6.339	( 0.884)	108	3377			0.00-	50.98	26.56
-----					-----				
60 Safrole					CAS #: 94-59-7				
6.556	6.558	( 1.200)	162	7822	4.00000	3.6	80.00-	120.00	100.00
6.556	6.558	( 1.200)	104	4982			32.30-	92.30	63.69
6.555	6.557	( 1.200)	77	2541			6.02-	66.02	32.49
-----					-----				
64 1,4-Naphthoquinone					CAS #: 130-15-4				
6.780	6.782	( 0.946)	158	6943	4.00000	3.2	80.00-	120.00	100.00
6.780	6.782	( 0.946)	102	5927			56.55-	116.55	85.37
6.780	6.782	( 0.946)	130	3238			19.11-	79.11	46.64
-----					-----				
66 1,3-Dinitrobenzene					CAS #: 99-65-0				
6.956	6.959	( 0.971)	168	3624	4.00000	3.4	80.00-	120.00	100.00
6.955	6.958	( 0.971)	75	5070			91.84-	151.84	139.90
6.956	6.958	( 0.971)	50	3405			68.52-	128.52	93.96
-----					-----				
* 70 Acenaphthene-d10					CAS #: 15067-26-2				
7.166	7.167	( 1.000)	164	204886	40.0000		80.00-	120.00	100.00
7.166	7.168	( 1.000)	162	197279			66.12-	126.12	96.29
7.167	7.167	( 1.000)	160	87652			13.21-	73.21	42.78
-----					-----				
73 Pentachlorobenzene					CAS #: 608-93-5				
7.374	7.376	( 1.029)	250	11676	4.00000	3.7	80.00-	120.00	100.00
7.373	7.376	( 1.029)	252	8404			34.86-	94.86	71.98
7.372	7.375	( 1.029)	108	3547			0.00-	59.93	30.38
-----					-----				
77 1-Naphthylamine					CAS #: 134-32-7				
7.430	7.433	( 1.037)	143	21713	4.00000	3.9	80.00-	120.00	100.00
7.430	7.433	( 1.037)	115	11805			24.25-	84.25	54.37

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
77 1-Naphthylamine (continued)									
7.429	7.434	( 1.037)	89	1978			0.00-	40.79	9.11
-----									
78 2,3,4,6-Tetrachlorophenol CAS #: 58-90-2									
7.512	7.514	( 1.048)	232	5213	4.00000	3.0	80.00-	120.00	100.00
7.512	7.514	( 1.048)	168	1583			0.00-	58.61	30.37
7.511	7.513	( 1.048)	131	2423			18.06-	78.06	46.48
-----									
79 2-Naphthylamine CAS #: 91-59-8									
7.500	7.505	( 1.046)	143	23945	4.00000	3.8	80.00-	120.00	100.00
7.500	7.504	( 1.046)	115	13041			24.63-	84.63	54.46
7.500	7.505	( 1.047)	116	5831			0.00-	52.80	24.35
-----									
83 5-Nitro-ortho-toluidine CAS #: 99-55-8									
7.725	7.731	( 1.078)	152	6350	4.00000	3.4	80.00-	120.00	100.00
7.725	7.731	( 1.078)	106	5038			49.62-	109.62	79.34
7.725	7.731	( 1.078)	77	7424			86.78-	146.78	116.91
-----									
90 1,3,5-Trinitrobenzene CAS #: 99-35-4									
8.105	8.109	( 1.131)	75	11651	4.00000	4.6	80.00-	120.00	100.00
8.106	8.109	( 1.131)	74	6536			29.31-	89.31	56.10
8.106	8.110	( 1.131)	213	4266			6.52-	66.52	36.61
-----									
89 Diallate CAS #: 2303-16-4									
8.132	8.132	( 1.135)	86	14345	4.00000	4.2	80.00-	120.00	100.00(M)
8.132	8.132	( 1.135)	43	15741			64.61-	124.61	109.73
8.132	8.132	( 1.135)	234	5579			1.00-	61.00	38.89
-----									
92 Phenacetin CAS #: 62-44-2									
8.137	8.150	( 0.946)	109	13136	4.00000	3.2	80.00-	120.00	100.00
8.138	8.150	( 0.946)	108	12896			70.78-	130.78	98.17
8.138	8.150	( 0.946)	179	6512			22.17-	82.17	49.57
-----									
91 p-Phenylenediamine CAS #: 106-50-3									
8.138	8.150	( 0.946)	108	12896	4.00000	3.3	80.00-	120.00	100.00
8.137	8.150	( 0.946)	80	2387			0.00-	51.04	18.51
8.137	8.149	( 0.946)	53	1499			0.00-	43.69	11.62
-----									
97 Pentachloronitrobenzene CAS #: 82-68-8									
8.556	8.560	( 0.995)	237	3637	4.00000	3.0	80.00-	120.00	100.00
8.556	8.560	( 0.995)	295	1608			6.13-	66.13	44.21
8.555	8.559	( 0.995)	142	2851			37.48-	97.48	78.39
-----									
98 4-Aminobiphenyl CAS #: 92-67-1									
8.421	8.425	( 0.979)	169	28347	4.00000	3.8	80.00-	120.00	100.00
8.420	8.425	( 0.979)	168	5521			0.00-	51.69	19.48
8.421	8.424	( 0.979)	115	2853			0.00-	41.29	10.06
-----									
99 Pronamide CAS #: 23950-58-5									
8.517	8.523	( 0.990)	173	11836	4.00000	3.3	80.00-	120.00	100.00
8.516	8.523	( 0.990)	175	8060			37.21-	97.21	68.10
8.517	8.523	( 0.990)	145	4171			6.07-	66.07	35.24
-----									

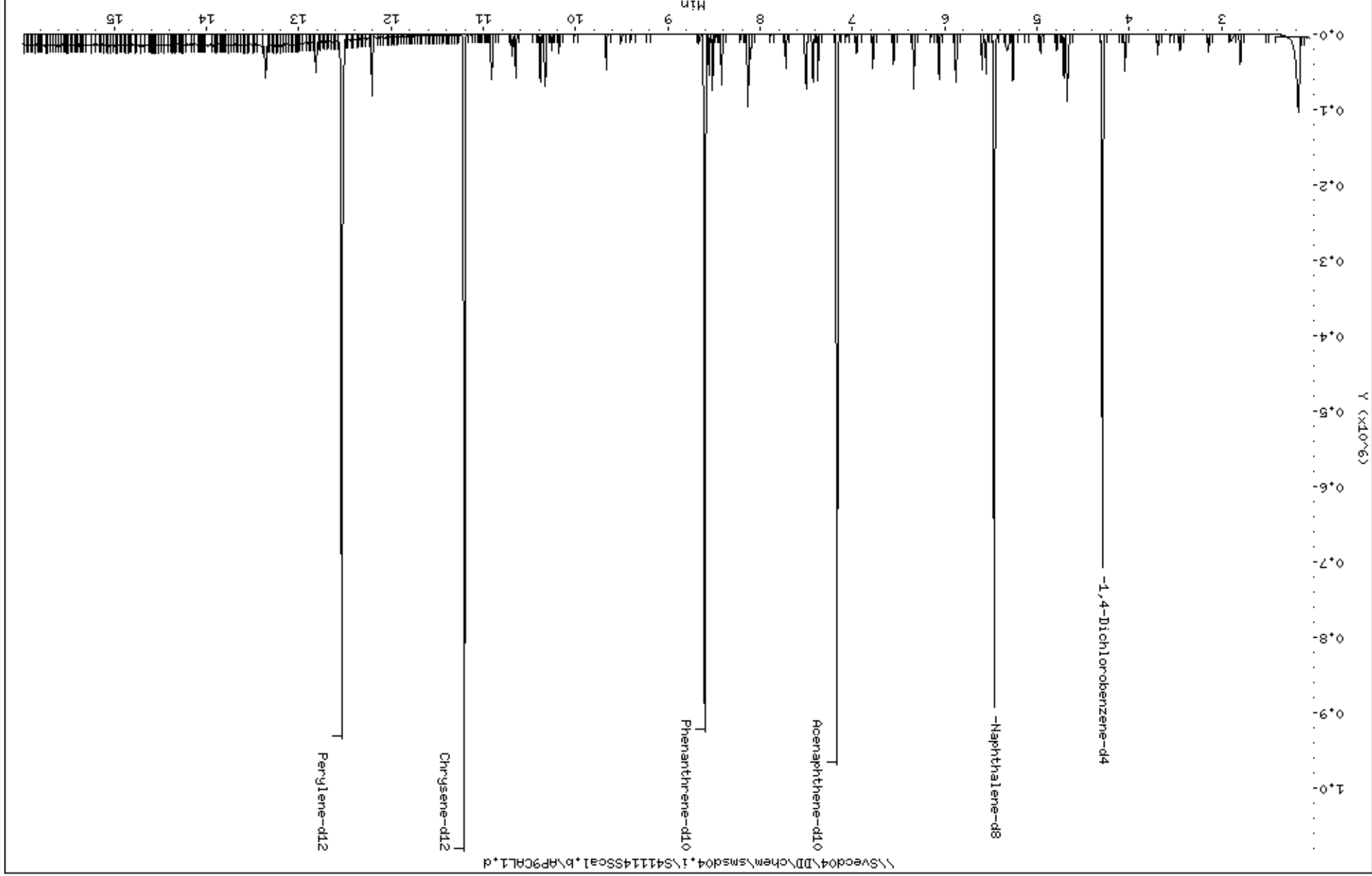
AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
* 100 Phenanthrene-d10					CAS #: 1517-22-2				
8.600	8.604	( 1.000)	188	375777	40.0000		80.00-	120.00	100.00
8.600	8.604	( 1.000)	94	38151			0.00-	40.39	10.15
8.600	8.603	( 1.000)	80	44191			0.00-	41.55	11.76
-----									
102 Dinoseb					CAS #: 88-85-7				
8.662	8.663	( 1.007)	211	3602	4.00000	6.0	80.00-	120.00	100.00
8.662	8.663	( 1.007)	163	1651			16.26-	76.26	45.84
8.660	8.663	( 1.007)	117	907			0.00-	57.53	25.18
-----									
106 4-Nitroquinoline-1-oxide					CAS #: 56-57-5				
8.517	8.525	( 0.990)	174	1084	4.00000	3.1	80.00-	120.00	100.00(M)
8.525	8.517	( 0.991)	128	0	0.00	0.00	0.00-	30.00	0.00
8.525	8.517	( 0.991)	101	0	0.00	0.00	0.00-	30.00	0.00
-----									
107 Methapyrilene					CAS #: 91-80-5				
9.510	9.510	( 1.106)	97	9397	4.00000	5.8	80.00-	120.00	100.00
9.510	9.510	( 1.106)	58	11437			97.04-	157.04	121.71
9.510	9.510	( 1.106)	191	1484			0.00-	44.49	15.79
-----									
108 Isodrin					CAS #: 465-73-6				
9.667	9.669	( 1.124)	193	4871	4.00000	3.6	80.00-	120.00	100.00
9.666	9.668	( 1.124)	66	4358			53.06-	113.06	89.47
9.667	9.669	( 1.124)	195	4149			59.05-	119.05	85.18
-----									
113 Aramite					CAS #: 140-57-8				
10.254	10.261	( 0.915)	185	4893	4.00000	3.1	80.00-	120.00	100.00(M)
10.182	10.182	( 0.908)	191	2506			18.05-	78.05	51.22
10.182	10.182	( 0.908)	319	444			0.00-	55.81	9.07
-----									
114 p-Dimethylamino azobenzene					CAS #: 60-11-7				
10.331	10.334	( 0.922)	225	8325	4.00000	3.3	80.00-	120.00	100.00
10.331	10.334	( 0.922)	120	11131			107.72-	167.72	133.71
10.330	10.334	( 0.922)	77	8038			69.64-	129.64	96.55
-----									
115 Chlorobenzilate					CAS #: 510-15-6				
10.385	10.388	( 0.926)	251	12448	4.00000	3.5	80.00-	120.00	100.00
10.385	10.388	( 0.926)	253	8352			35.05-	95.05	67.10
10.383	10.388	( 0.926)	139	15143			88.99-	148.99	121.65
-----									
116 Kepone					CAS #: 143-50-0				
10.683	10.690	( 0.953)	272	4084	4.00000	4.0	80.00-	120.00	100.00
10.684	10.690	( 0.953)	274	3402			51.38-	111.38	83.30
10.683	10.690	( 0.953)	237	2381			13.59-	73.59	58.30
-----									
117 3,3-Dimethylbenzidine					CAS #: 119-93-7				
10.651	10.657	( 0.950)	212	24407	4.00000	3.8	80.00-	120.00	100.00
10.652	10.656	( 0.950)	106	2357			0.00-	39.77	9.66
10.652	10.657	( 0.950)	180	1405			0.00-	38.39	5.76
-----									
119 2-Acetylaminofluorene					CAS #: 53-96-3				
10.911	10.920	( 0.973)	181	13905	4.00000	5.4	80.00-	120.00	100.00
10.912	10.920	( 0.973)	223	7258			22.99-	82.99	52.20



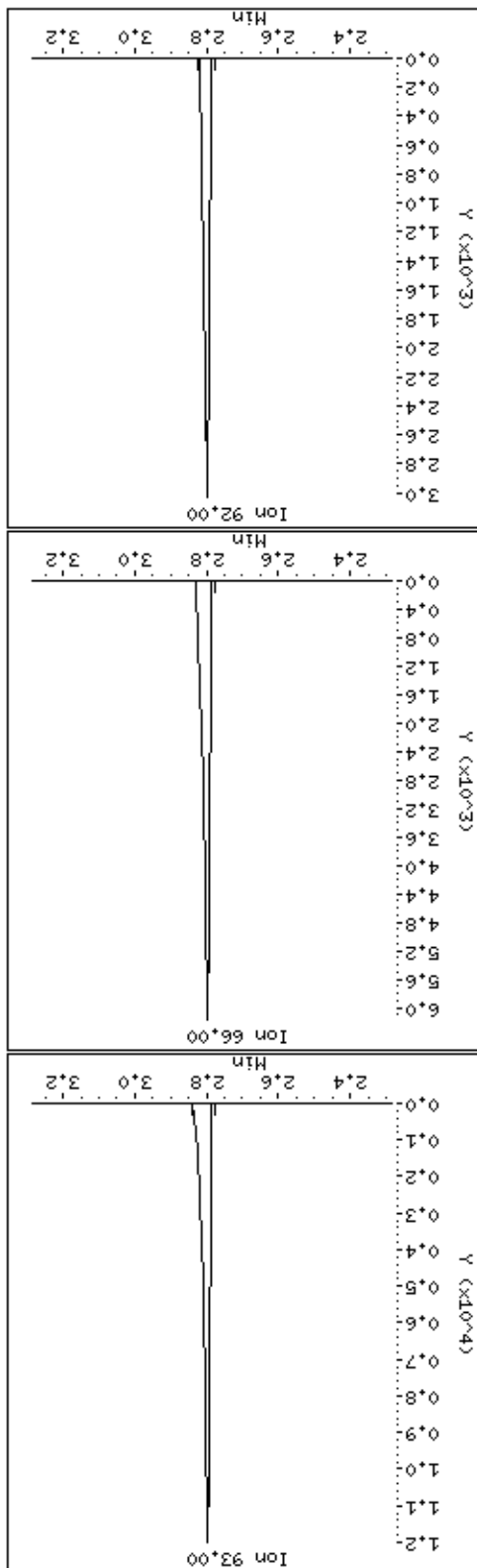
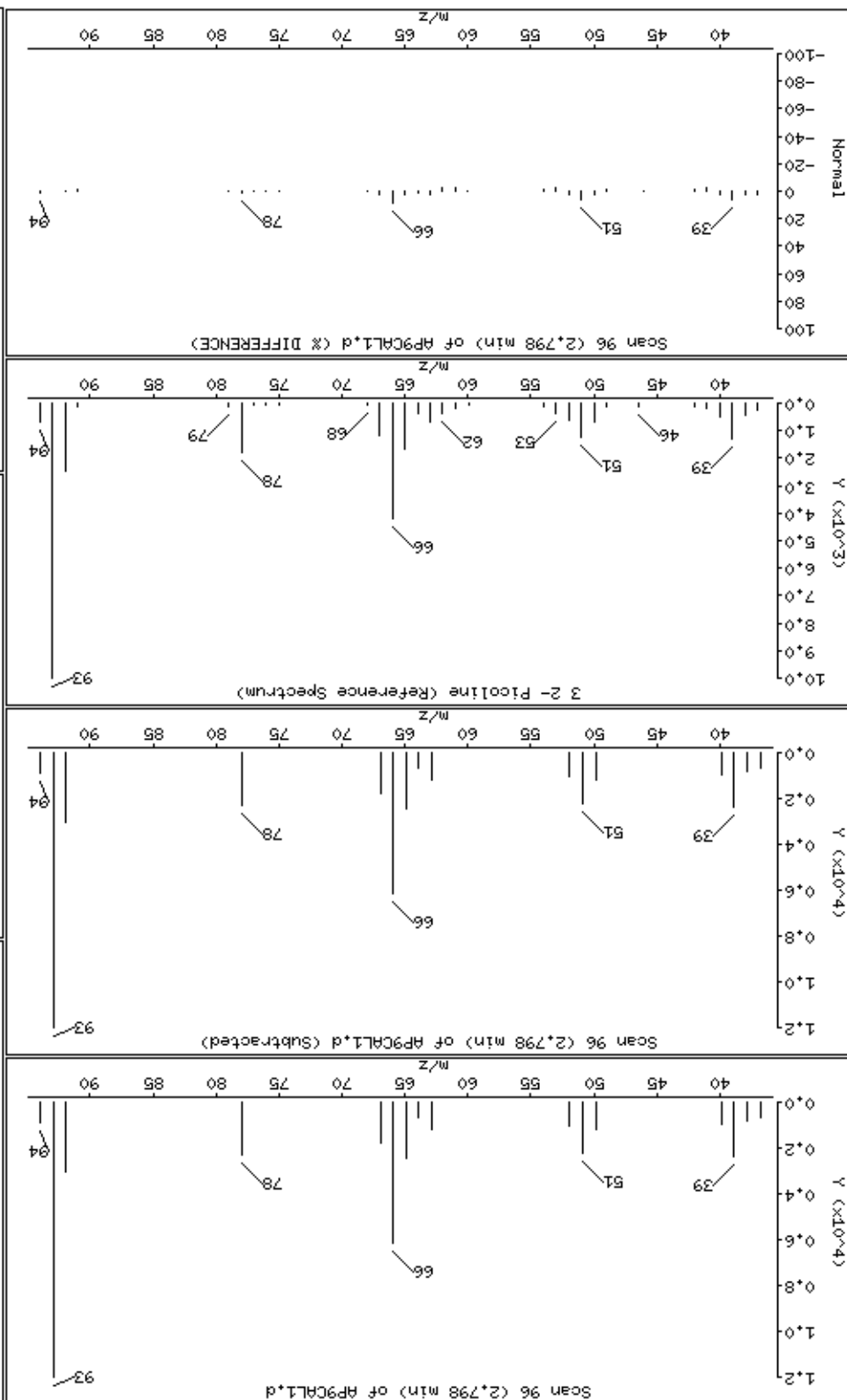
AMOUNTS										
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO	
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	
119 2-Acetylaminofluorene (continued)										
10.912	10.920	( 0.973)	180	10515			47.24-	107.24	75.62	
-----										
* 121 Chrysene-d12						CAS #: 1719-03-5				
11.209	11.211	( 1.000)	240	395830	40.0000		80.00-	120.00	100.00	
11.209	11.210	( 1.000)	120	40198			0.00-	40.02	10.16	
11.209	11.210	( 1.000)	236	97429			0.00-	54.50	24.61	
-----										
126 7,12-Dimethylbenz(a)anthracen						CAS #: 57-97-6				
12.205	12.210	( 0.974)	256	16346	4.00000	3.4	80.00-	120.00	100.00	
12.205	12.210	( 0.974)	241	8948			24.64-	84.64	54.74	
12.205	12.210	( 0.974)	239	7673			16.31-	76.31	46.94	
-----										
* 130 Perylene-d12						CAS #: 1520-96-3				
12.532	12.532	( 1.000)	264	368665	40.0000		80.00-	120.00	100.00	
12.532	12.533	( 1.000)	260	82604			0.00-	52.70	22.41	
12.532	12.532	( 1.000)	265	78857			0.00-	52.11	21.39	
-----										
131 3-Methylcholanthrene						CAS #: 56-49-5				
12.816	12.822	( 1.023)	268	12421	4.00000	3.5	80.00-	120.00	100.00	
12.816	12.821	( 1.023)	252	5446			13.86-	73.86	43.85	
12.816	12.822	( 1.023)	253	7462			11.25-	71.25	60.08	
-----										
132 Dibenz(a,j)acridine						CAS #: 224-42-0				
13.360	13.369	( 1.066)	279	26390	4.00000	3.4	80.00-	120.00	100.00	
13.360	13.369	( 1.066)	280	5475			0.00-	52.83	20.75	
13.359	13.369	( 1.066)	277	4033			0.00-	44.54	15.28	
-----										

QC Flag Legend

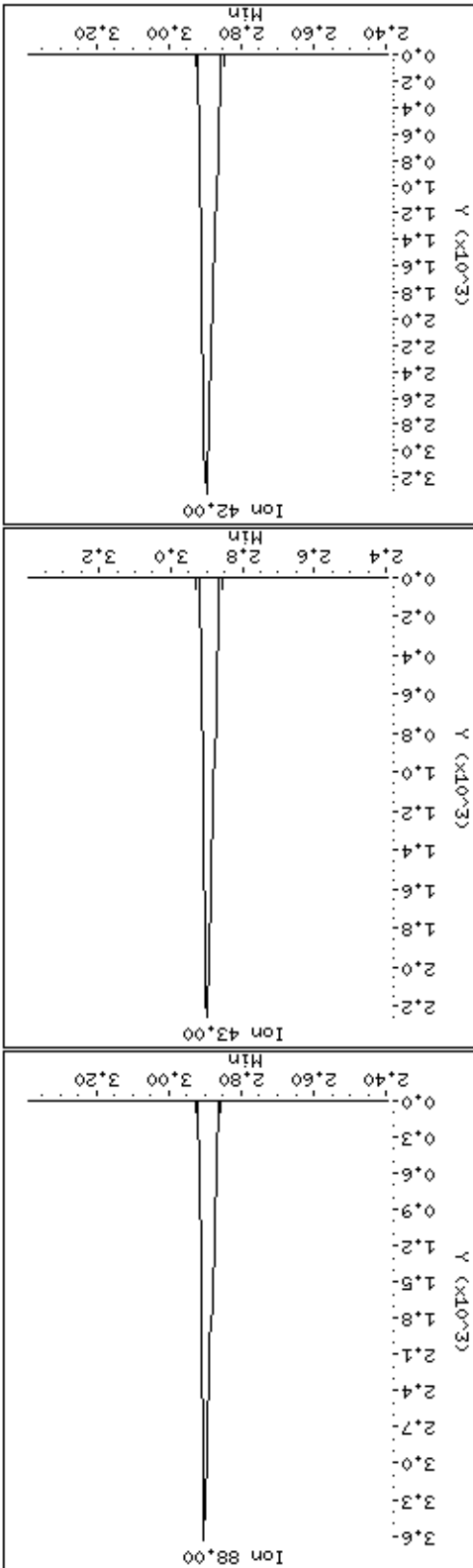
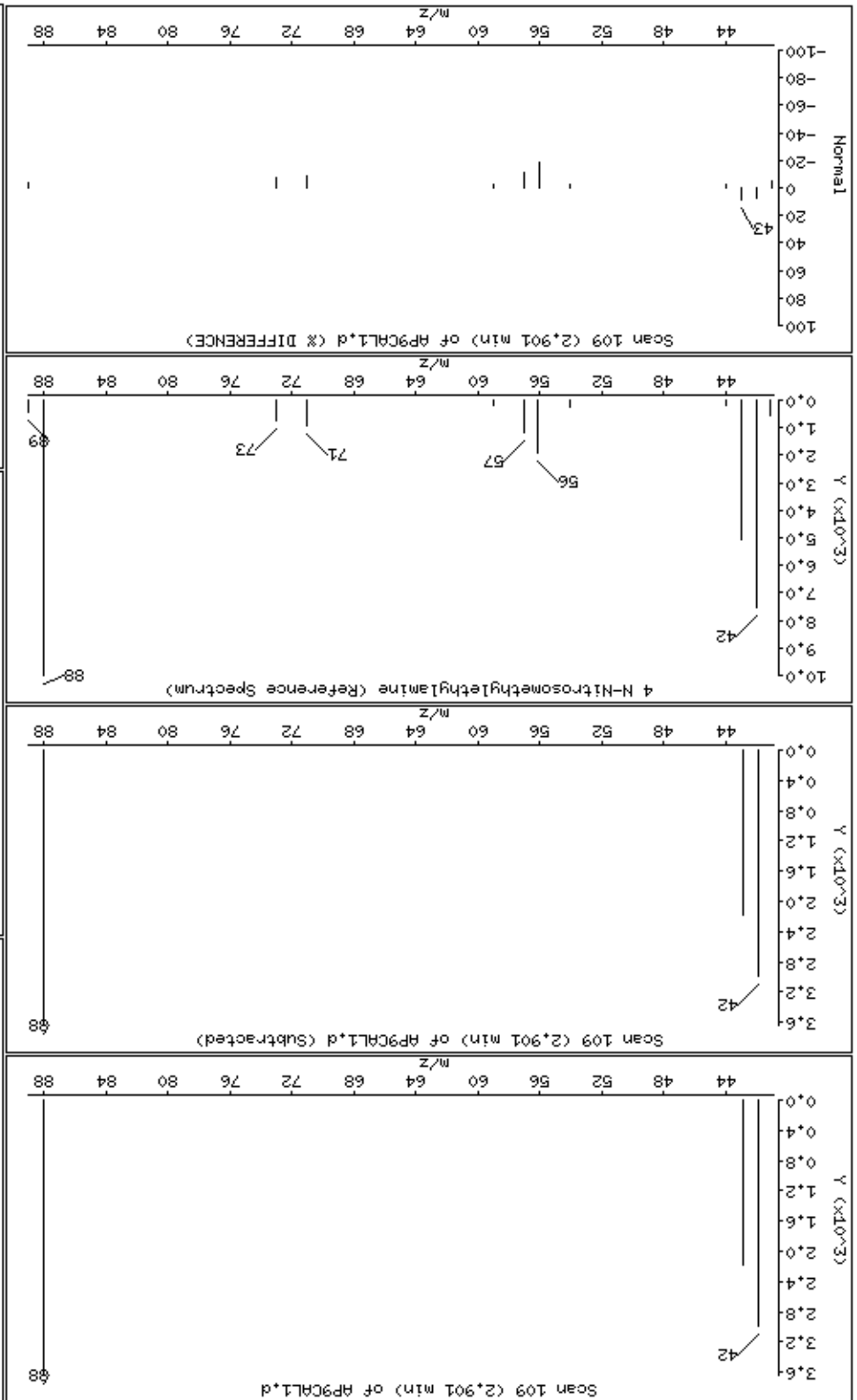
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.



3-2-Picoline



4-N-Nitrosomethylethylamine



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

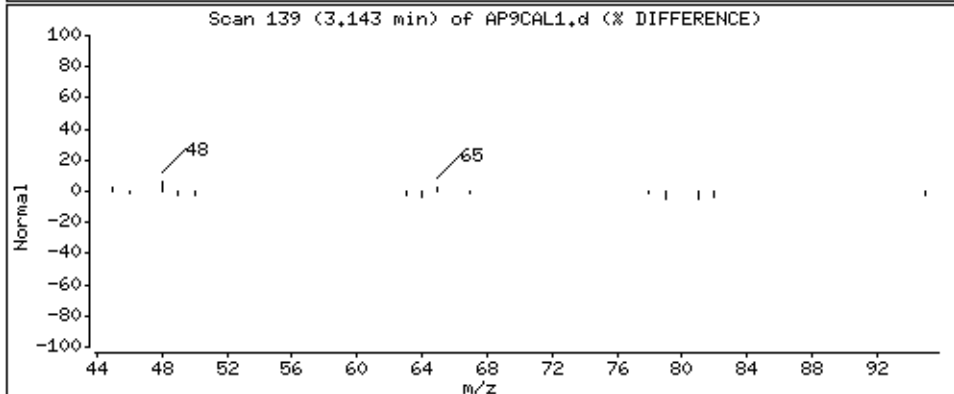
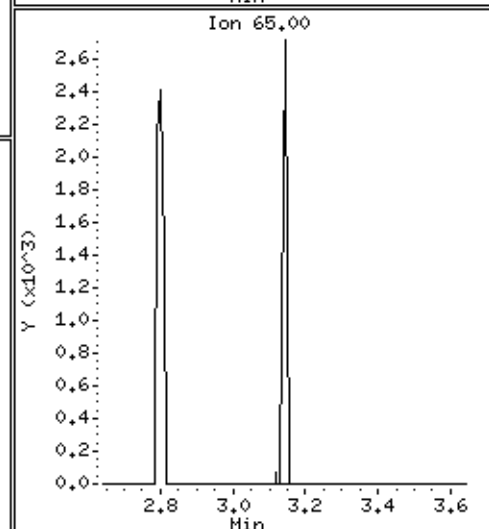
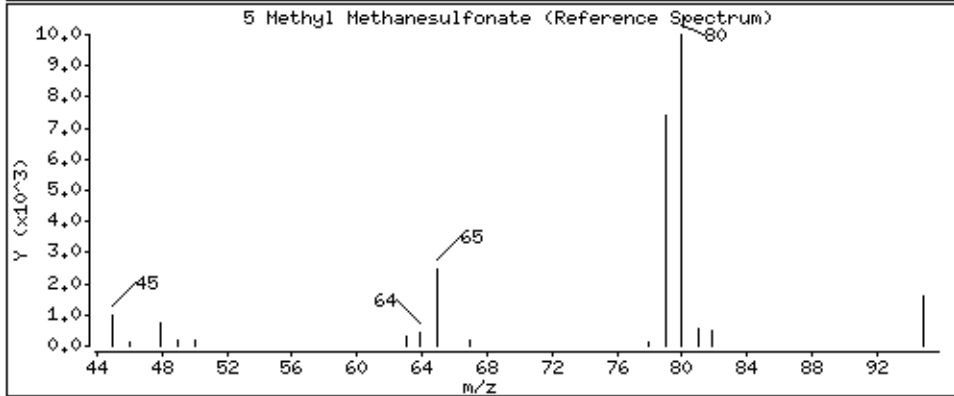
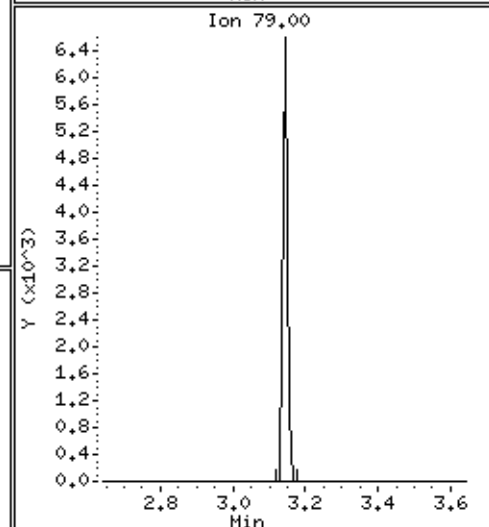
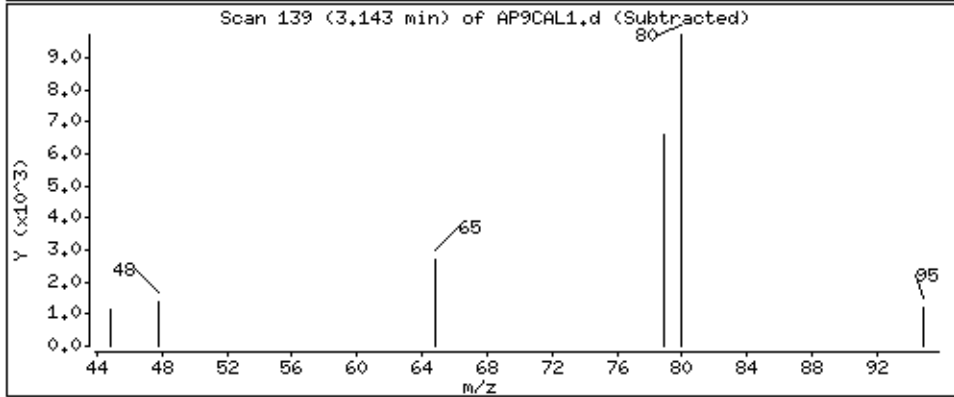
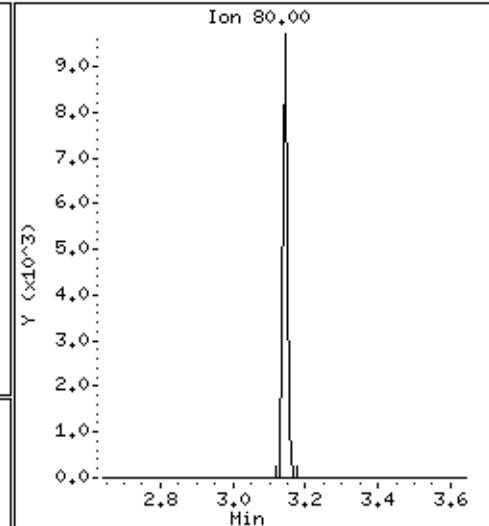
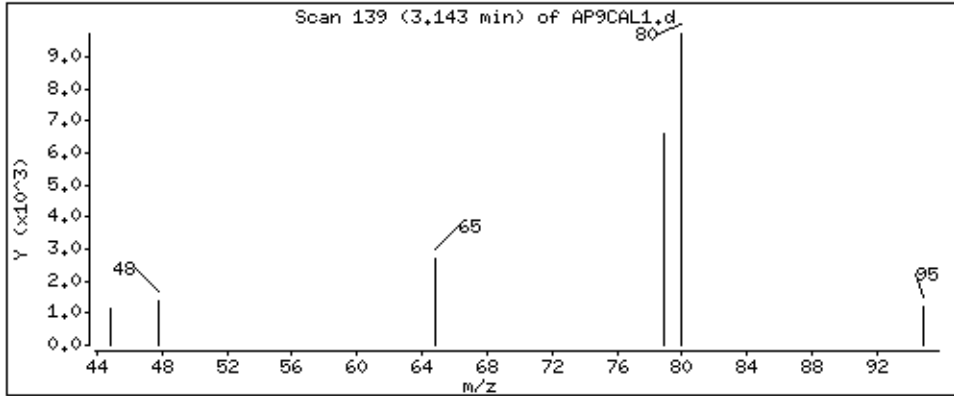
Operator: MJ

Column phase: HPHS-5

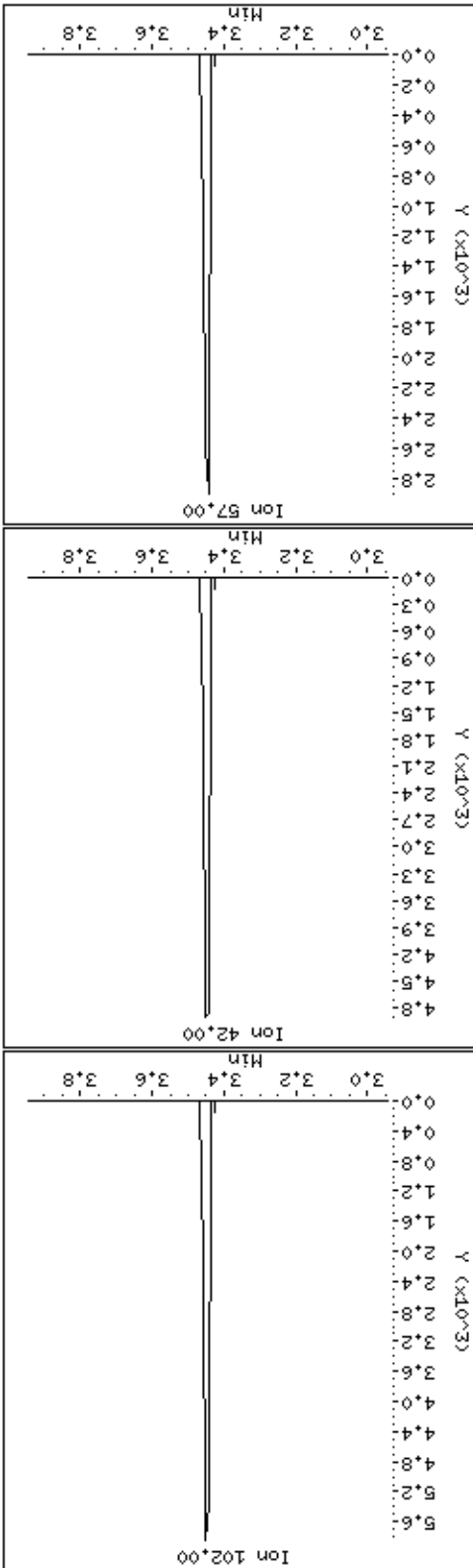
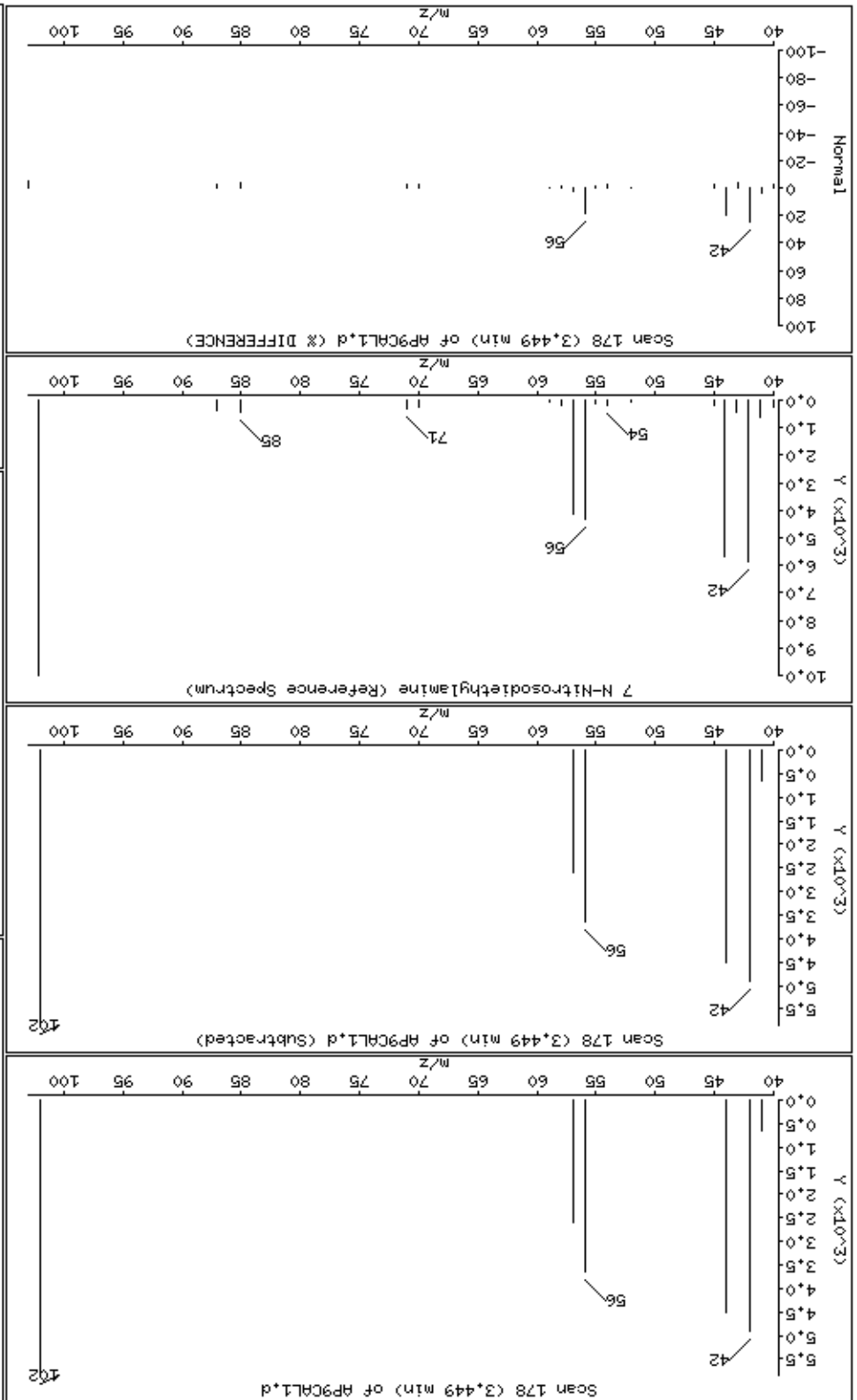
Column diameter: 0,25

5 Methyl Methanesulfonate

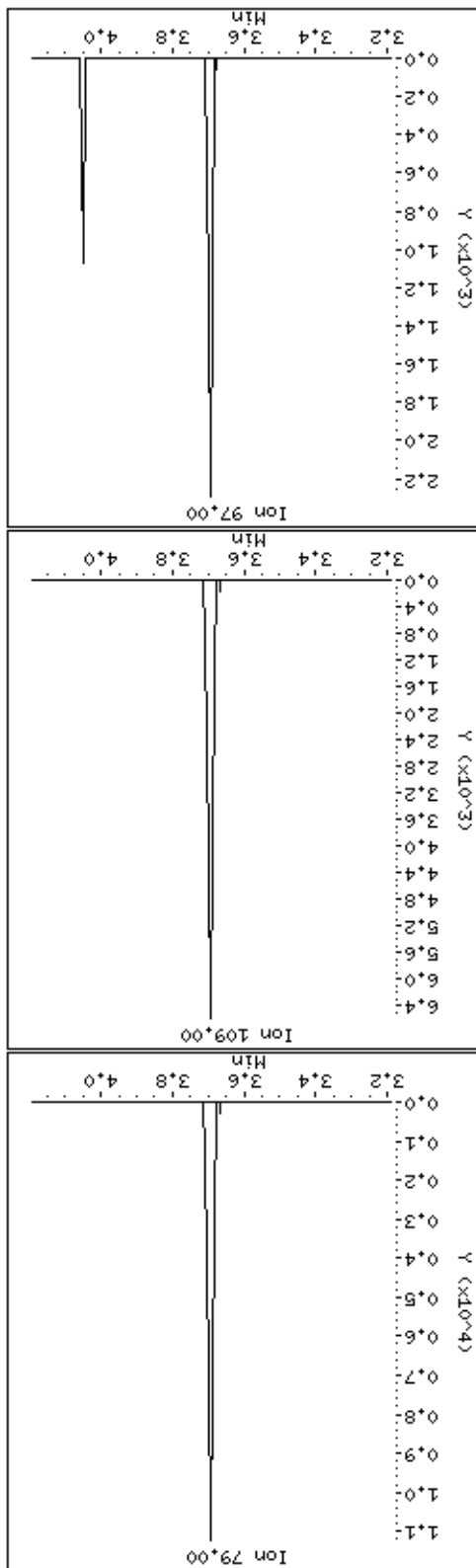
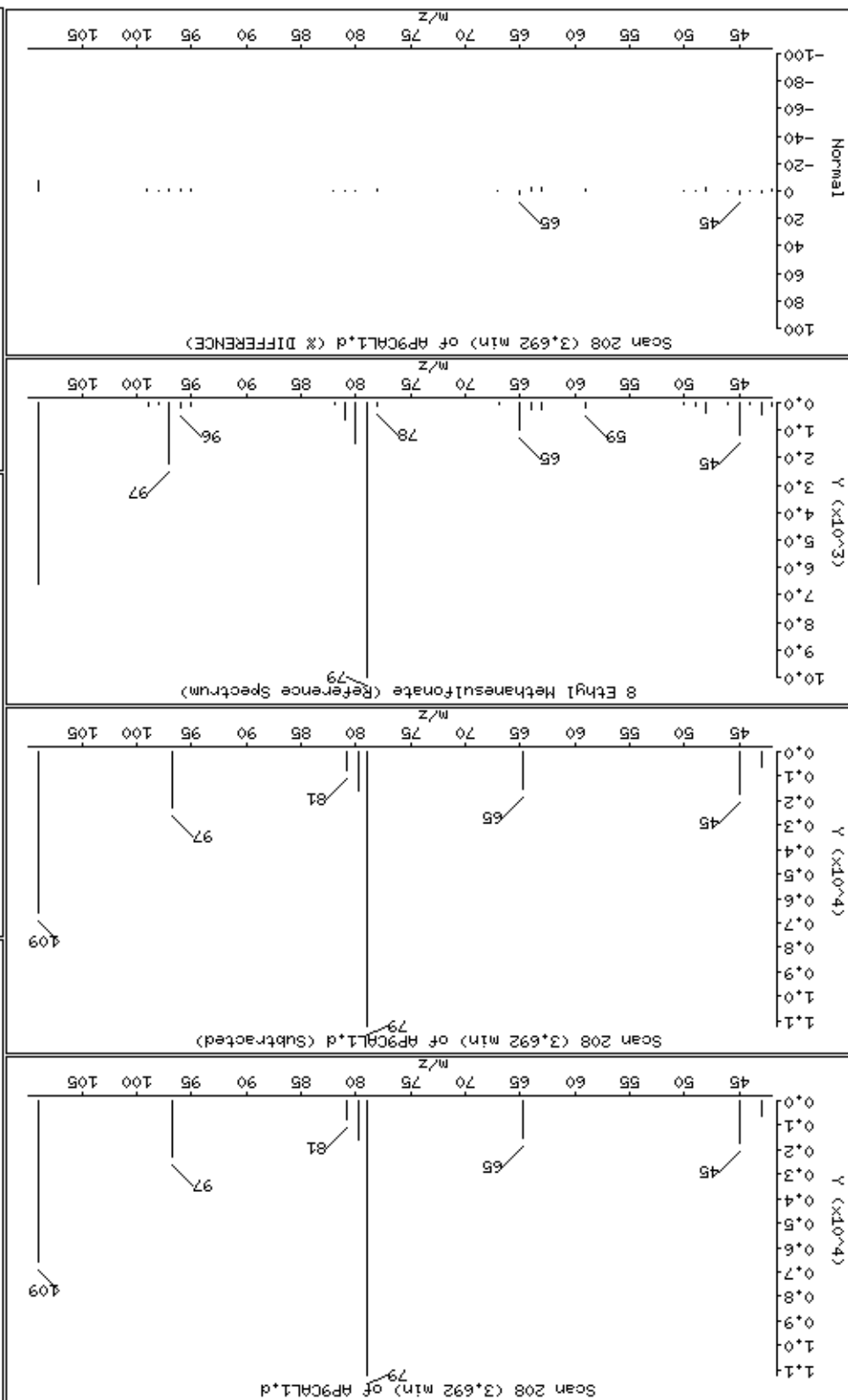
Concentration: 4,2 ug/kg



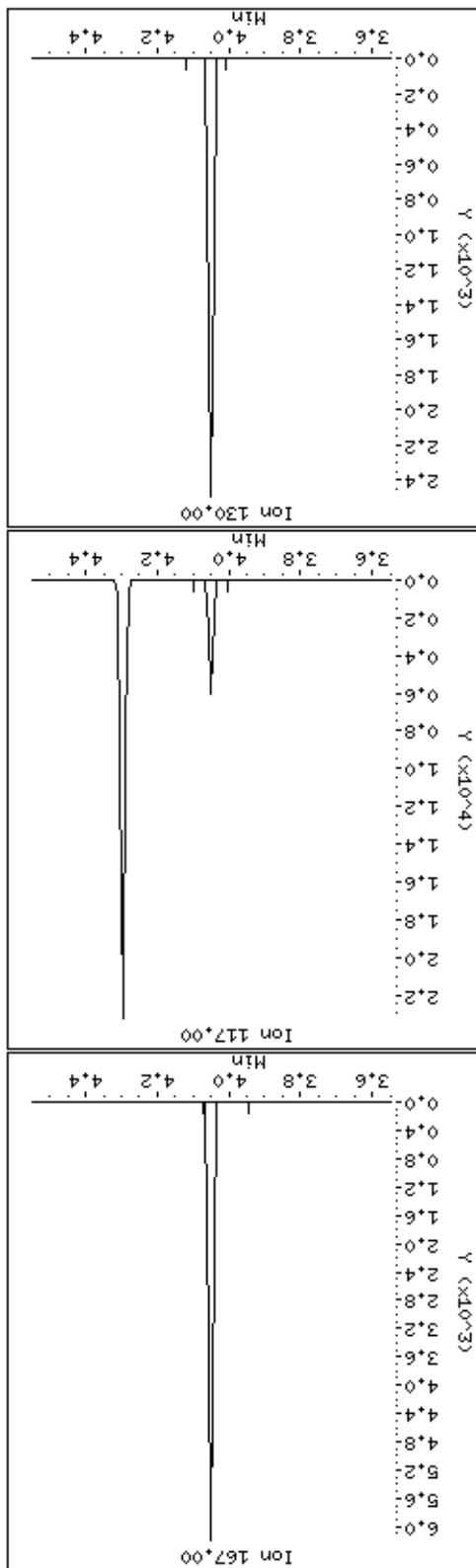
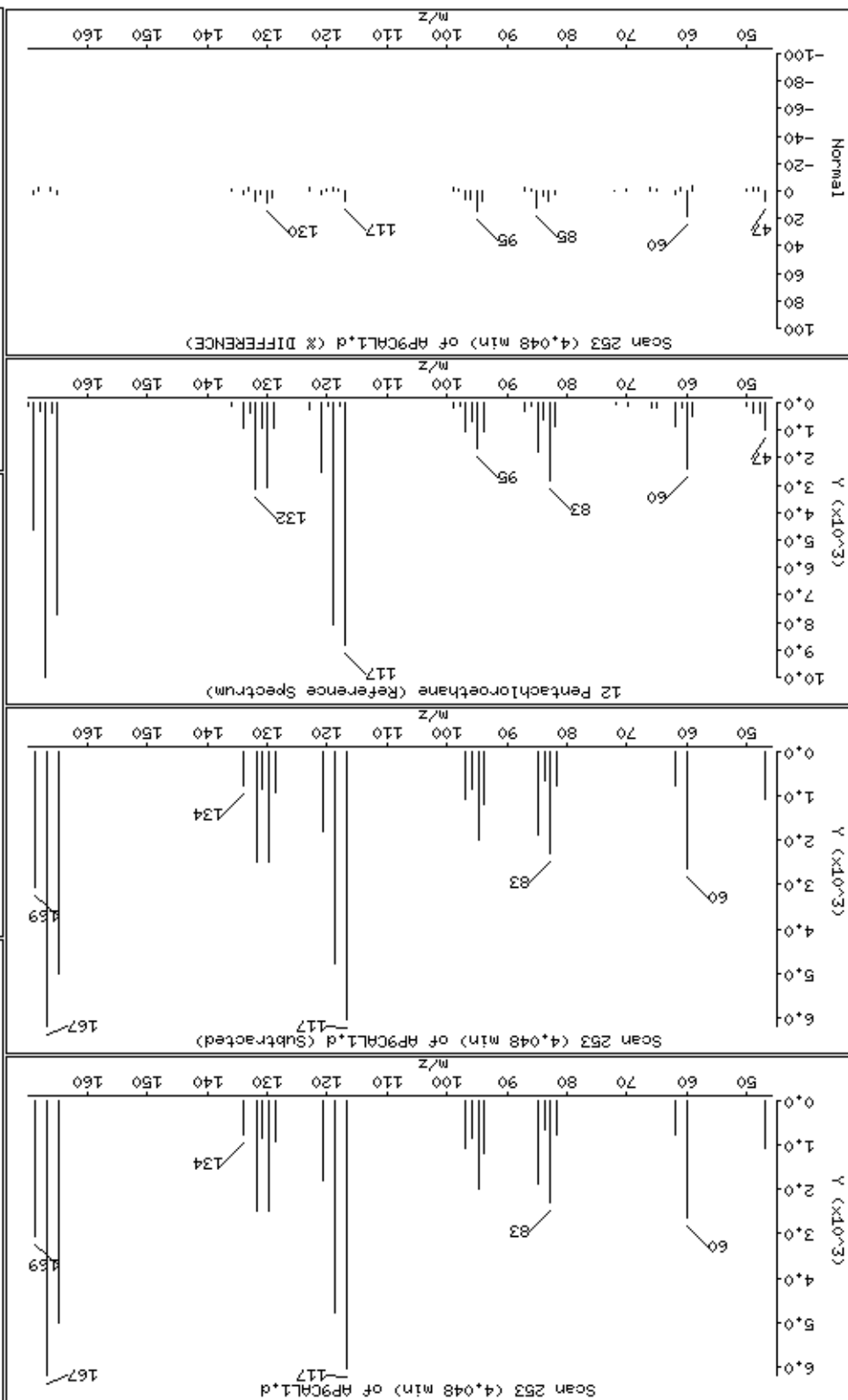
7-N-Nitrosodietilamine



8 Ethyl Methanesulfonate



12 Pentachloroethane





Date: 15-NOV-2012 11:30

Client ID: AP9CAL1

Sample Info: 47939

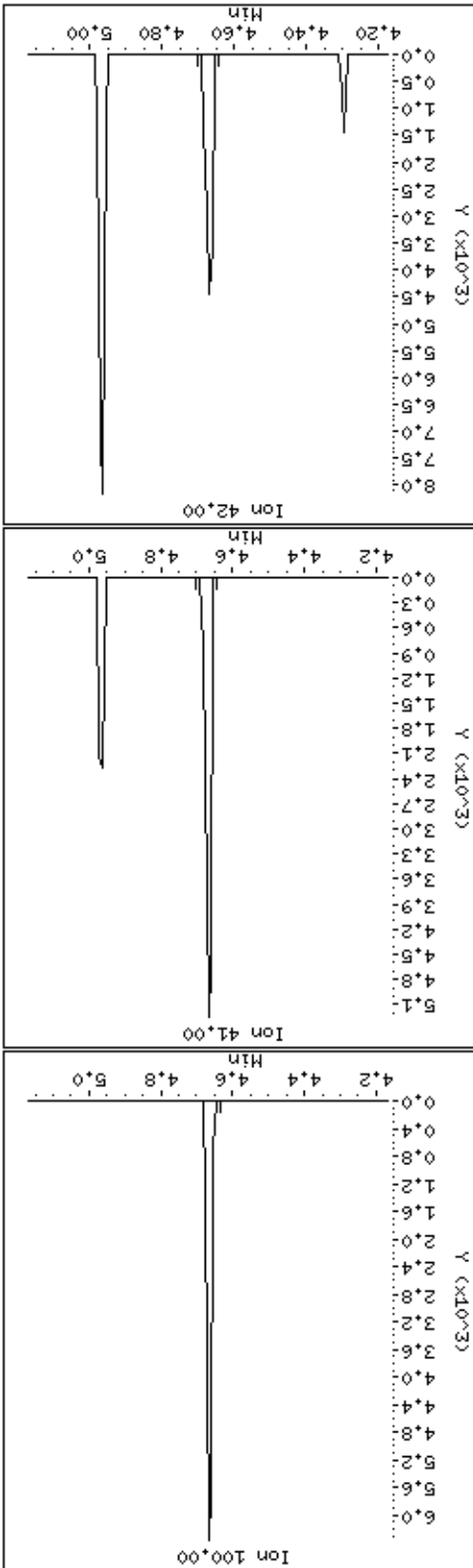
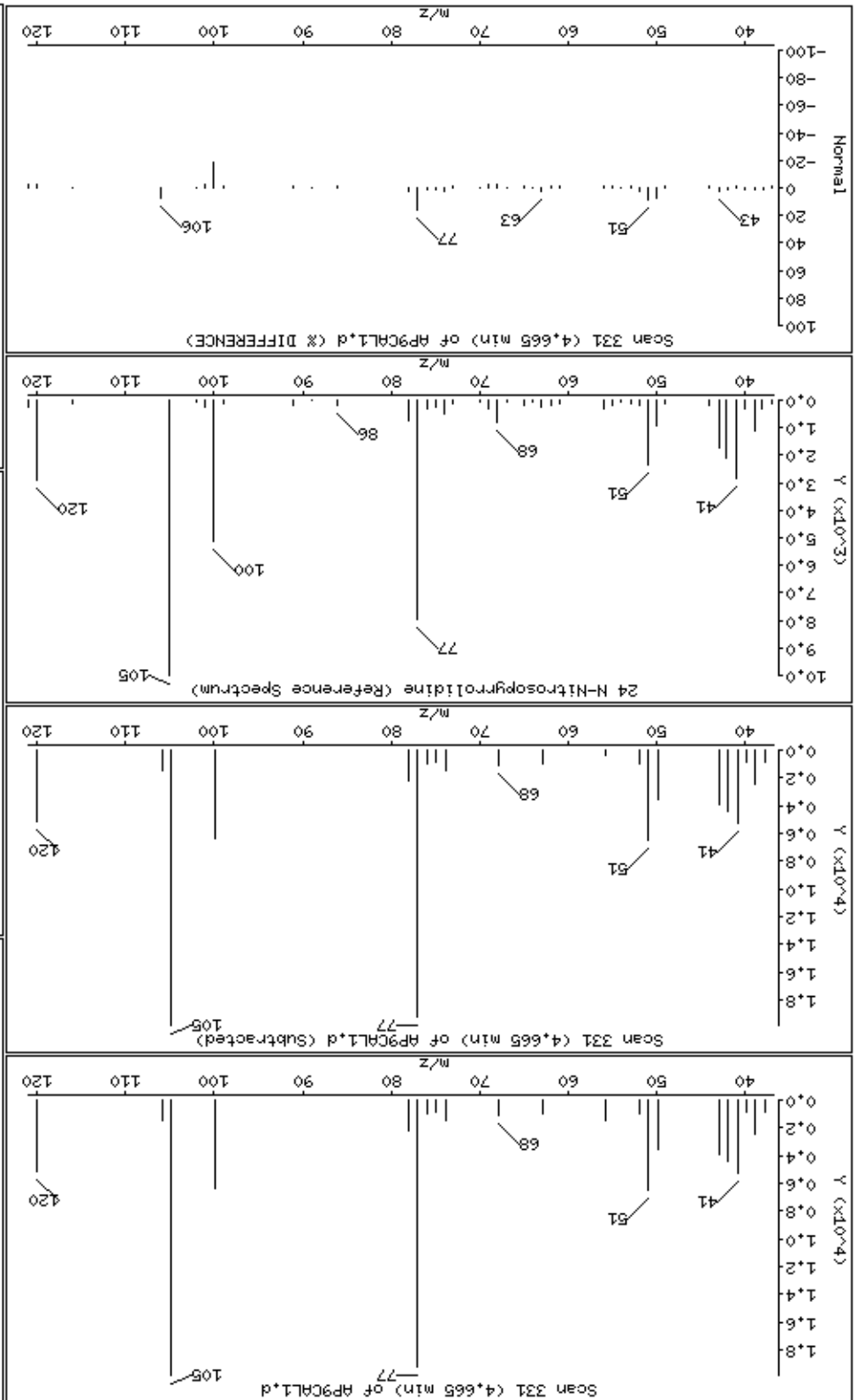
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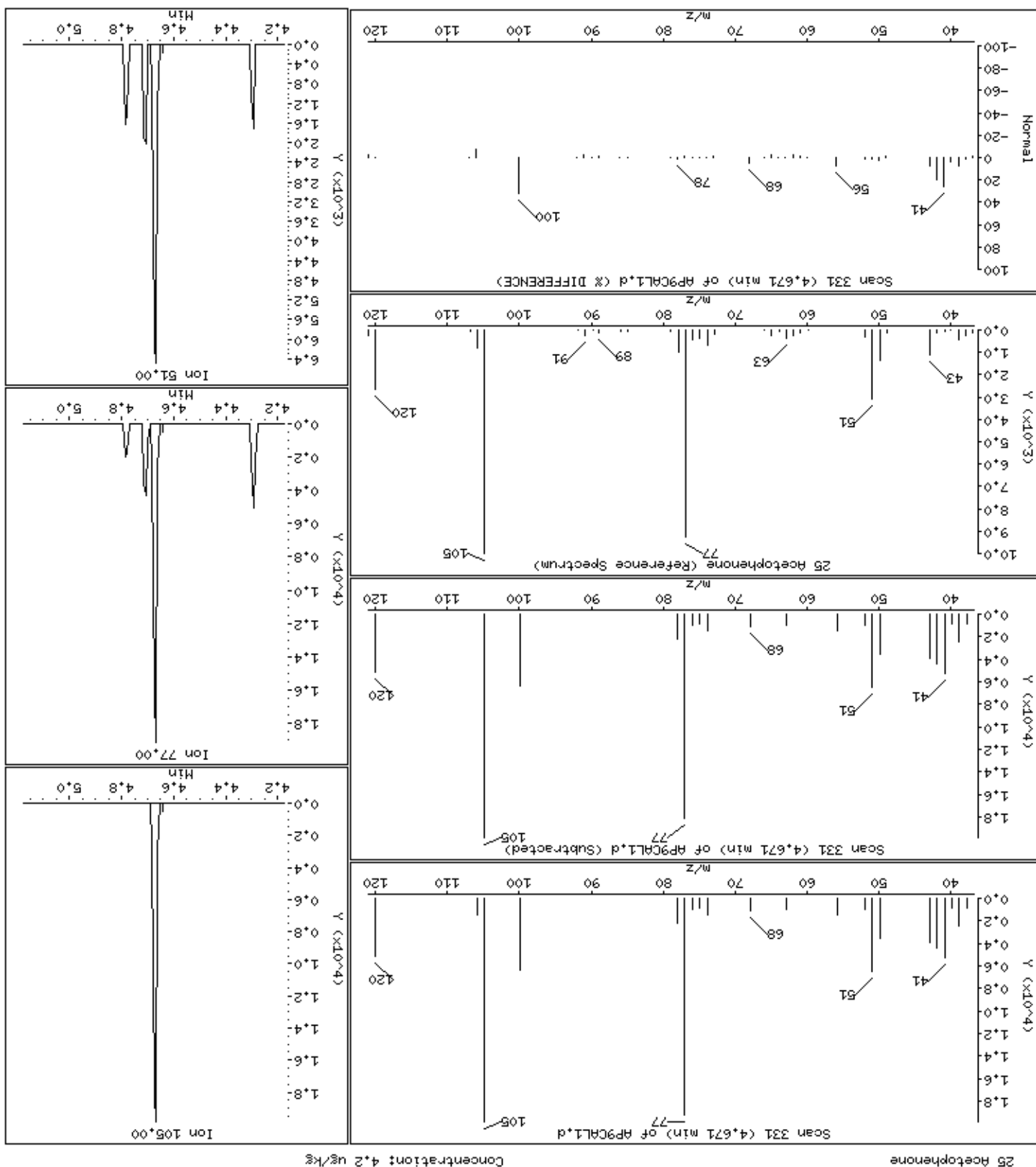
Operator: MJ

Column diameter: 0.25

Concentration: 3.9 ug/kg

24-N-Nitrosopyrrolidine





Date: 15-NOV-2012 11:30

Client ID: AP9CALL1

Sample Info: 47939

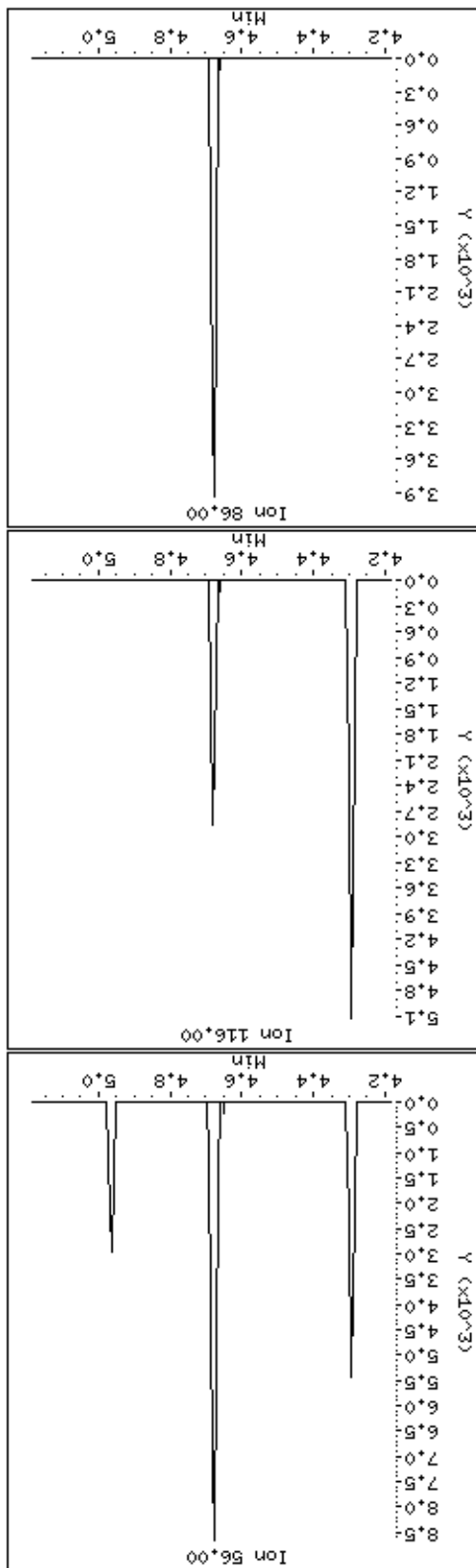
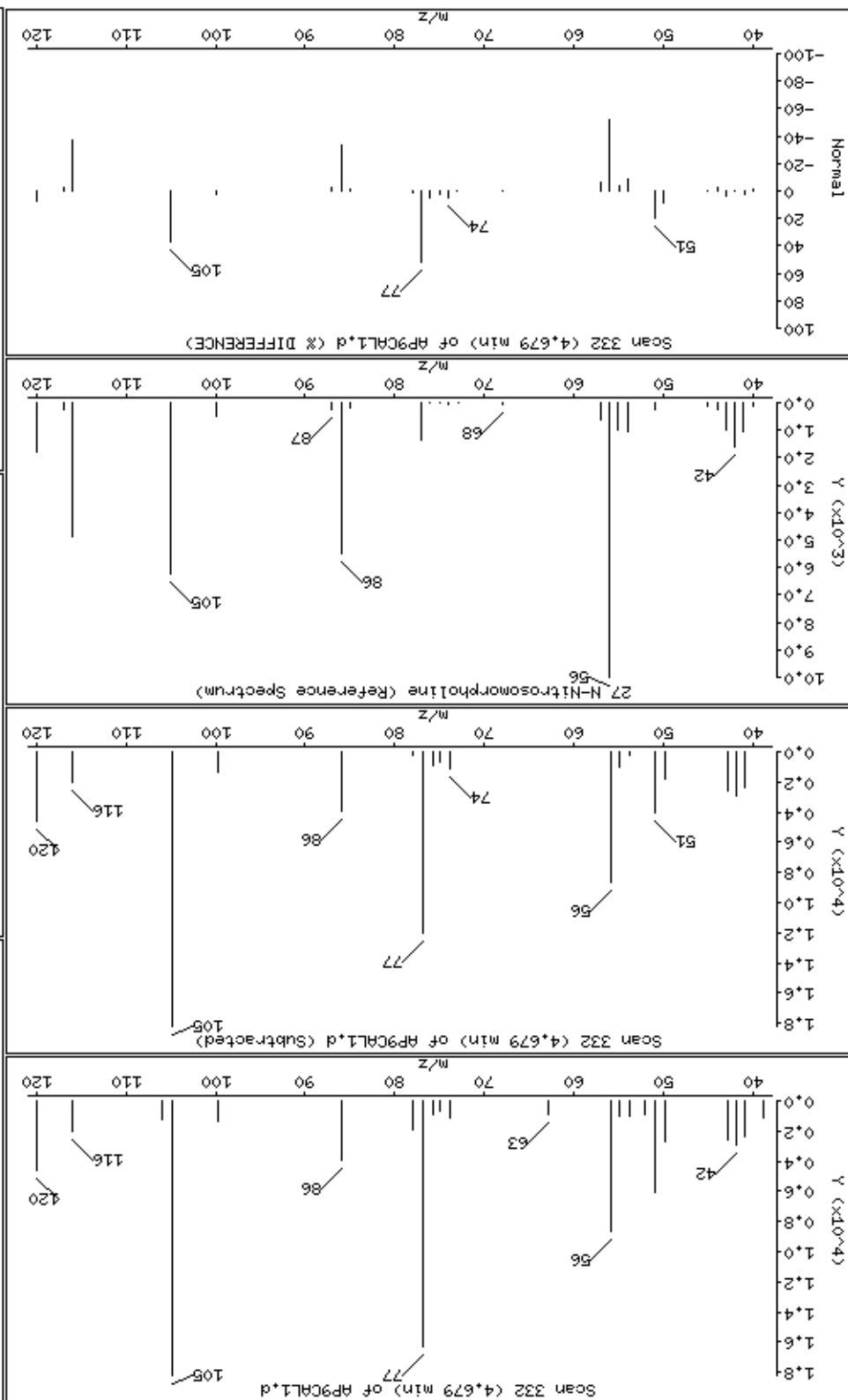
Operator: MJ

Column diameter: 0.25

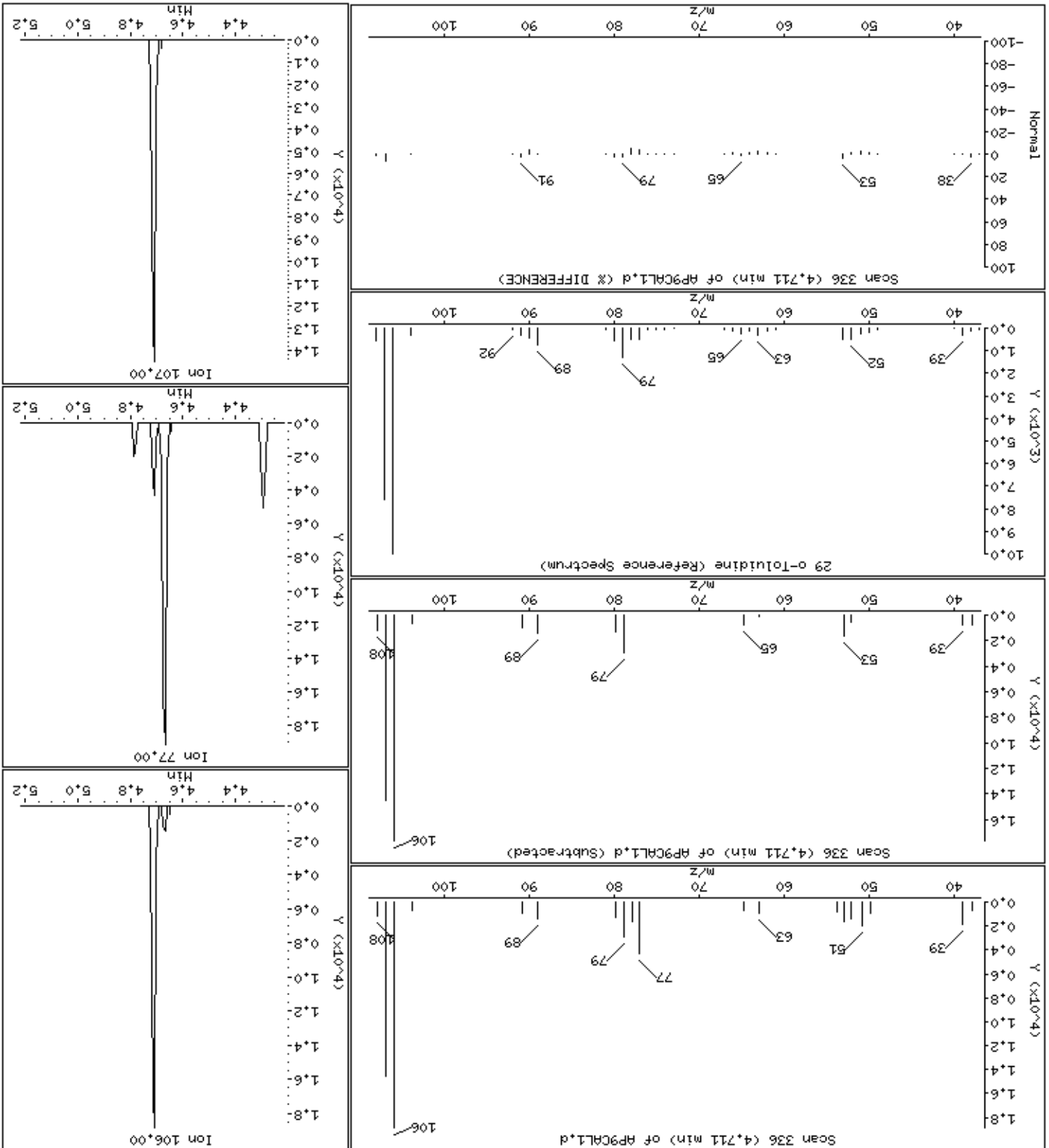
Concentration: 4.0 ug/kg

Instrument: smsd04.1

27-Nitrosomorpholine

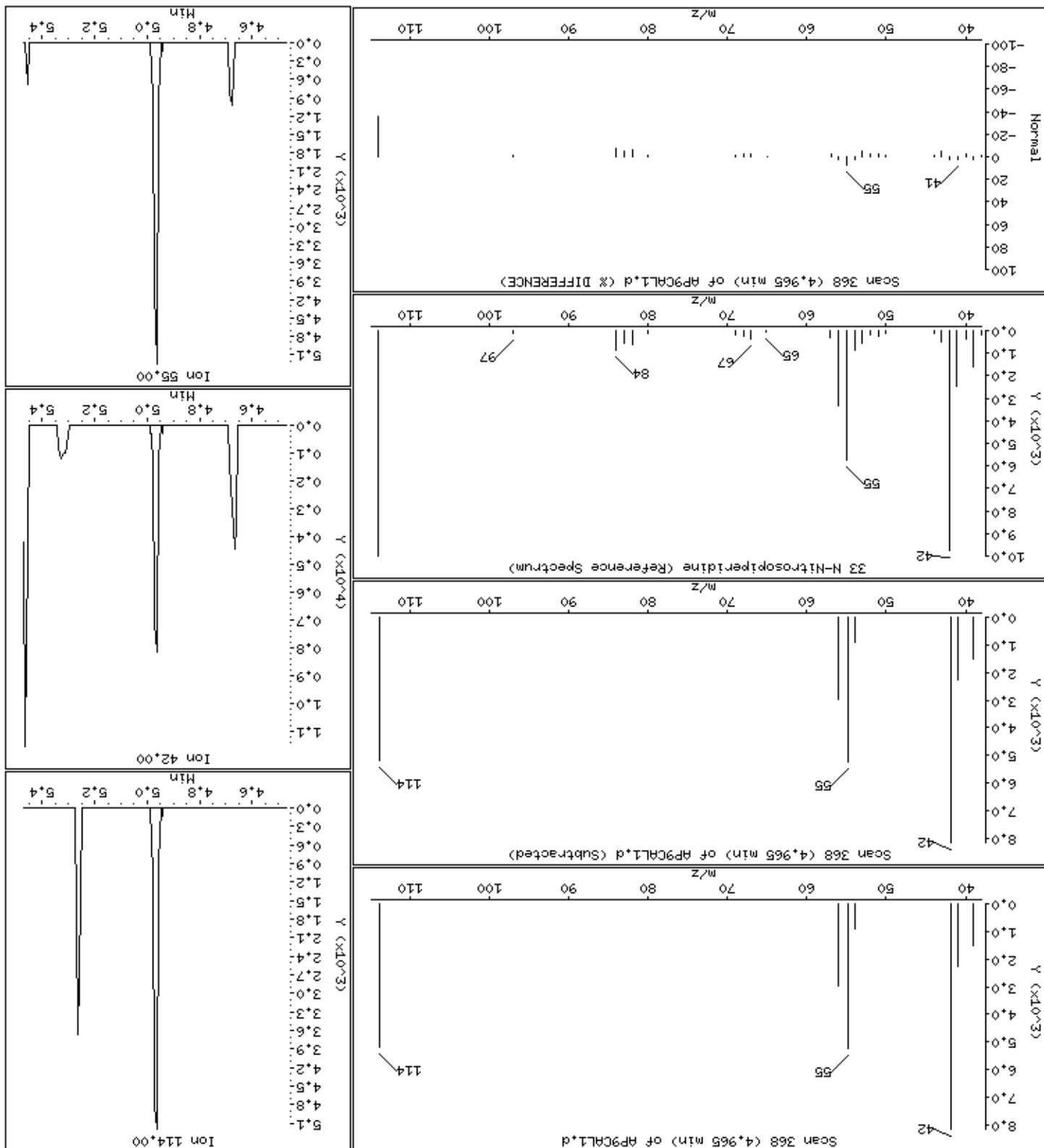


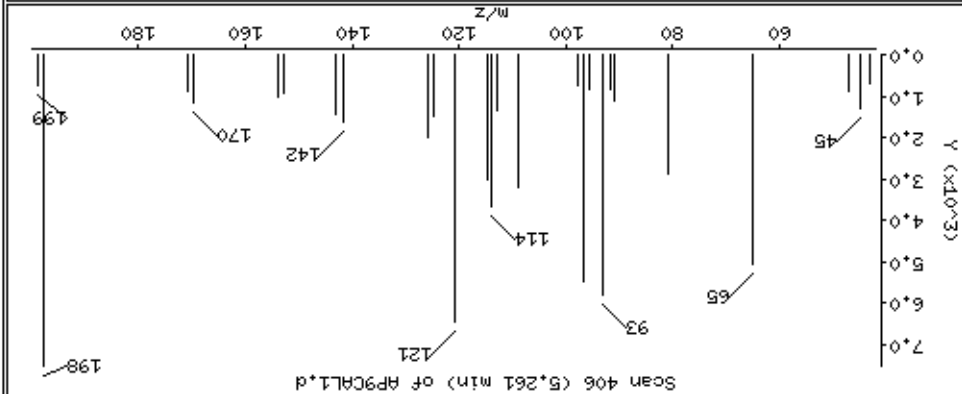
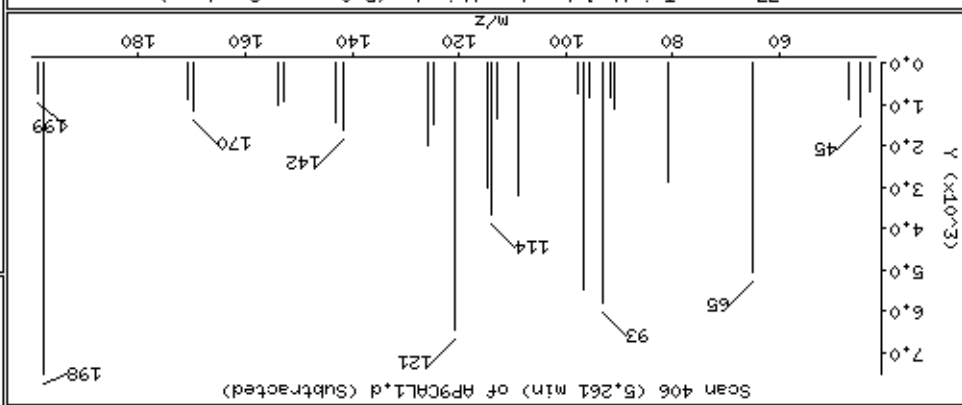
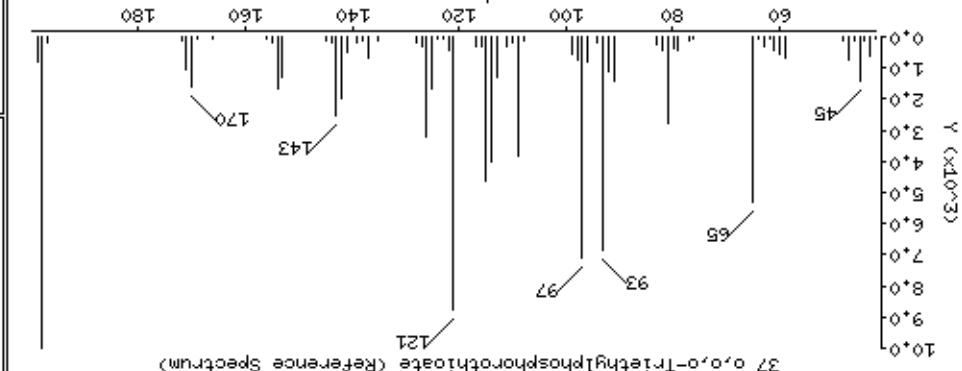
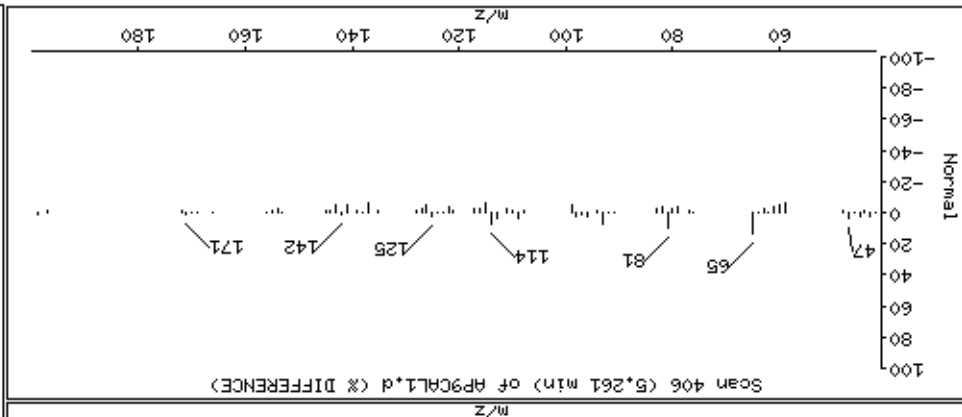
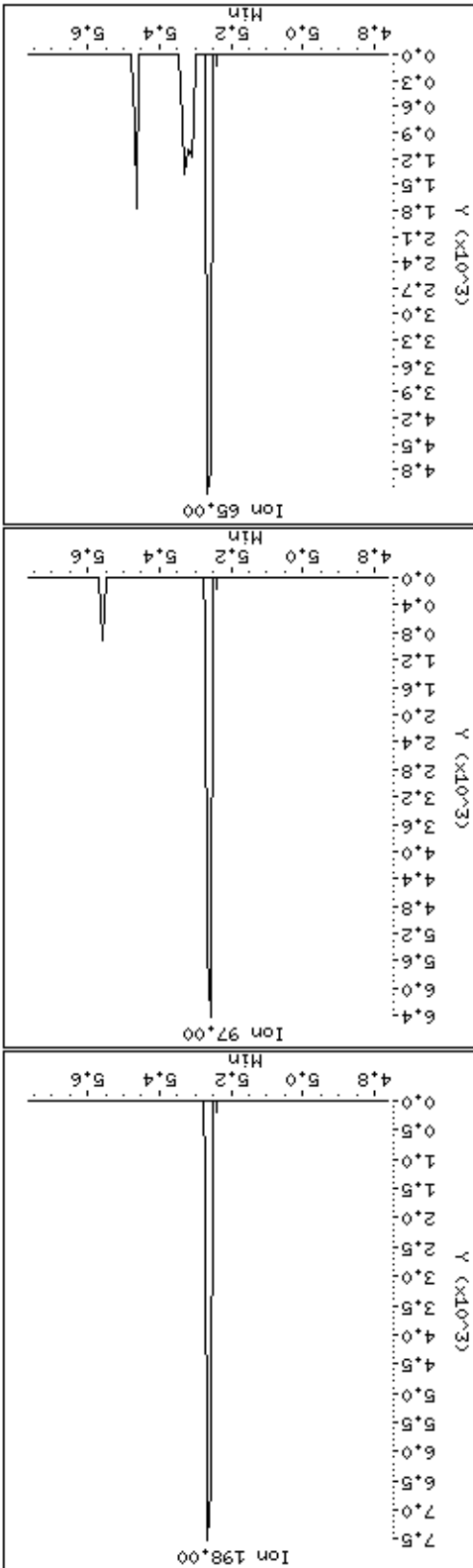
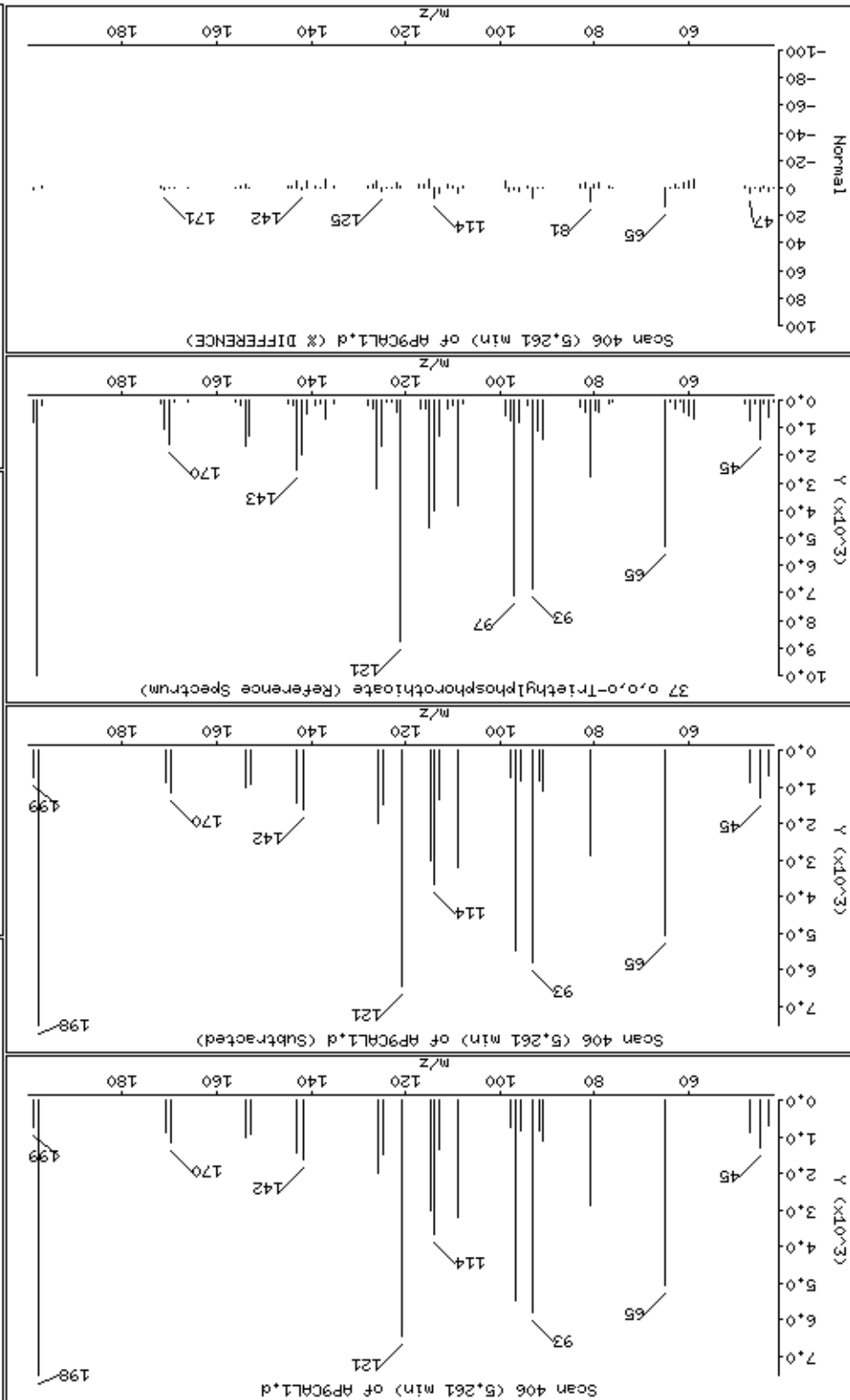
29-o-Toluidine



33 N-Nitrosopiperidine

Column phase: HPMS-5





Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

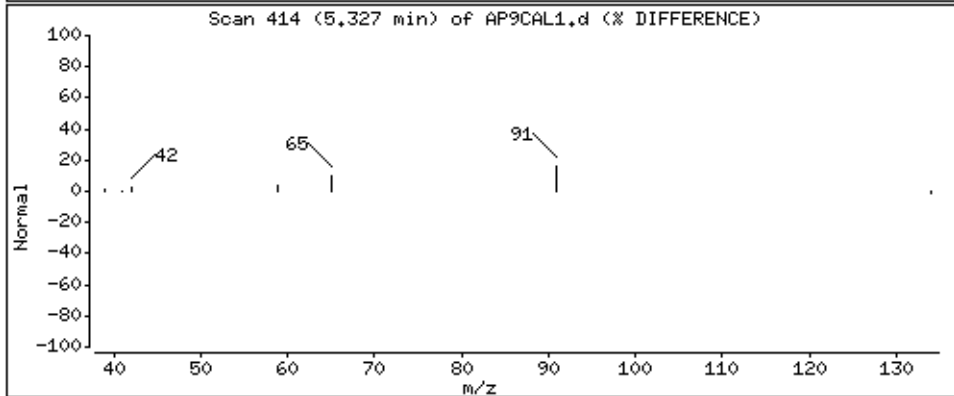
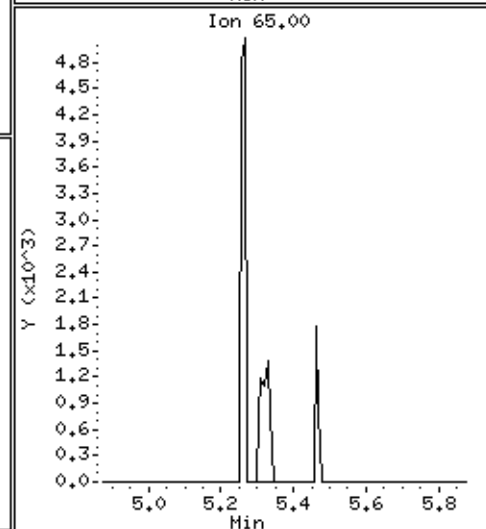
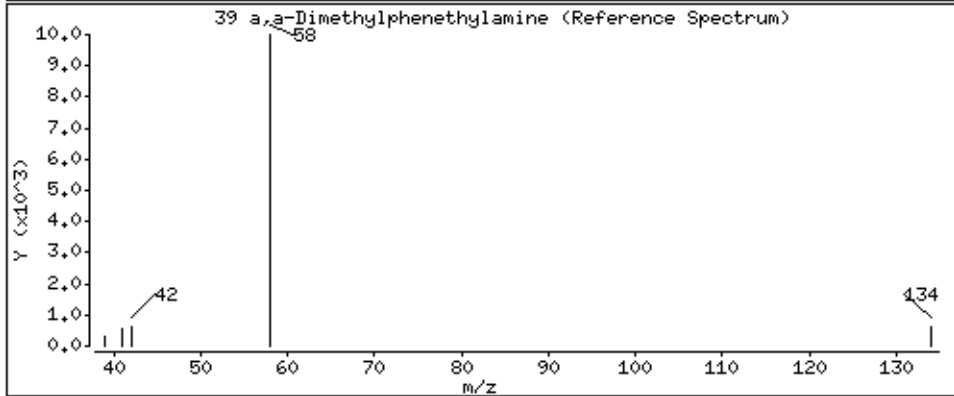
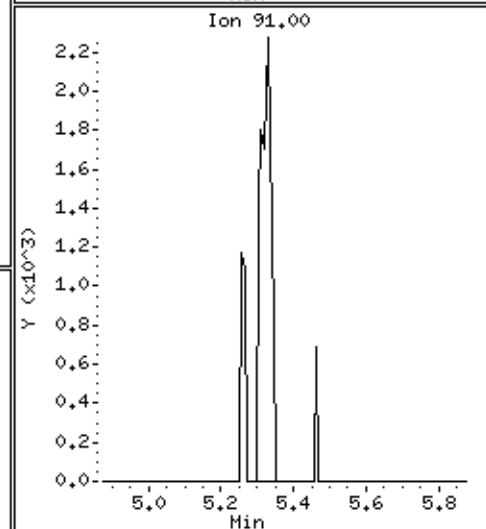
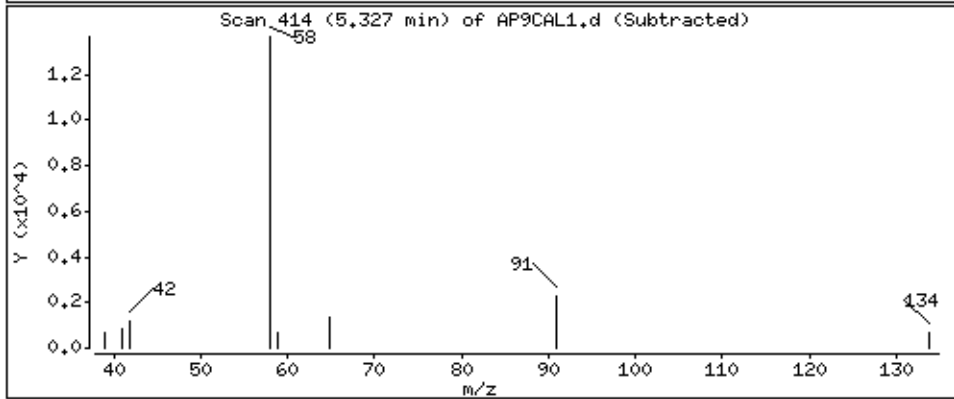
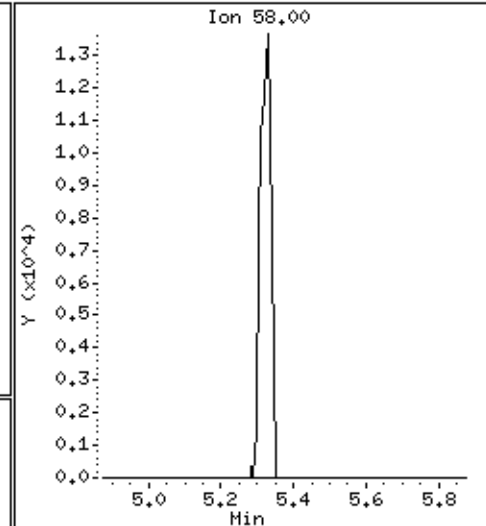
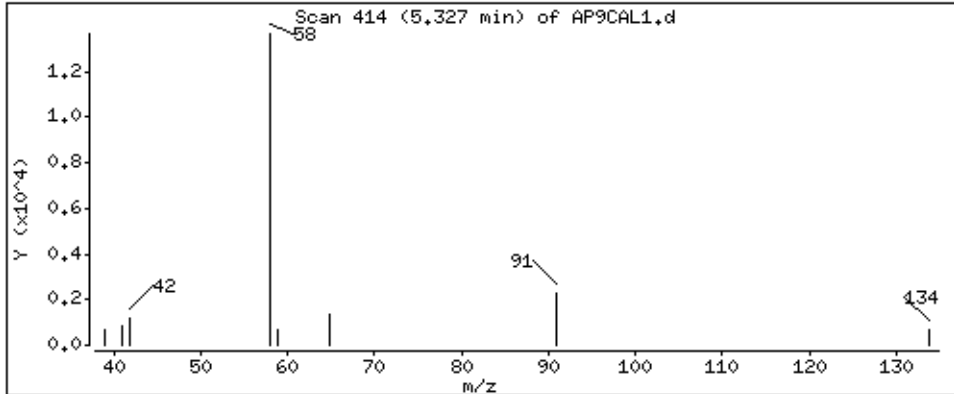
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

39 a,a-Dimethylphenethylamine

Concentration: 3,5 ug/kg



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

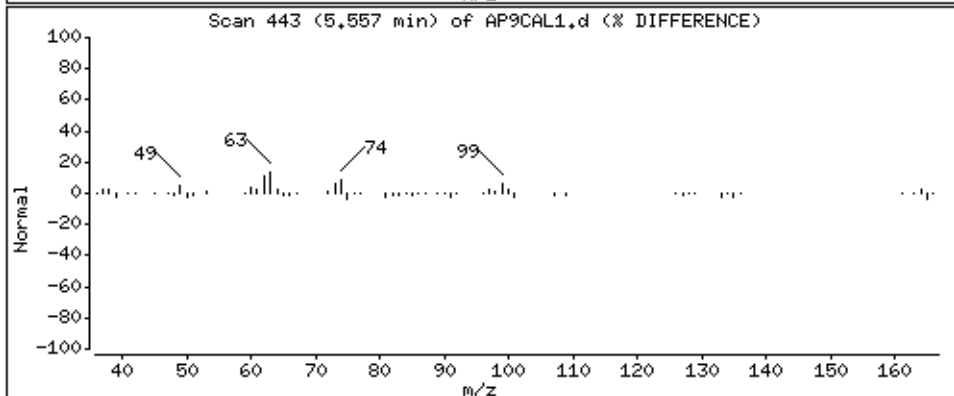
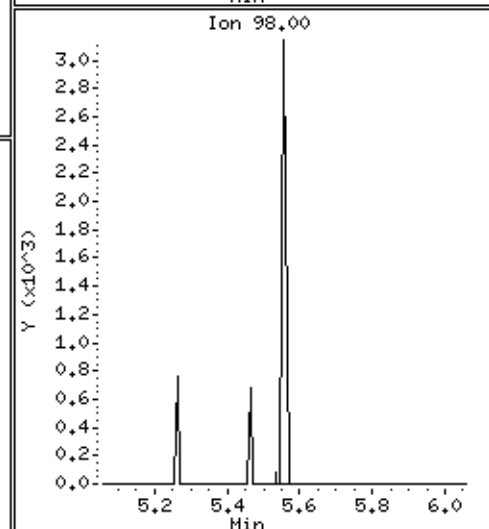
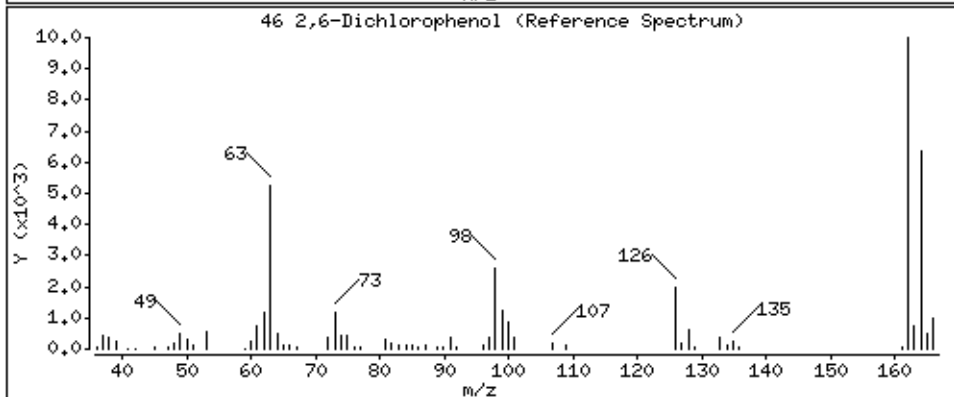
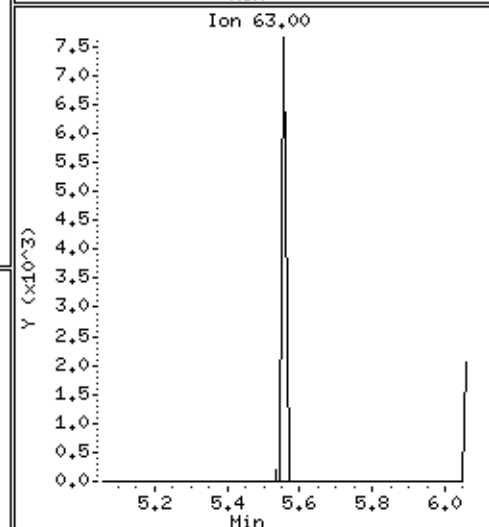
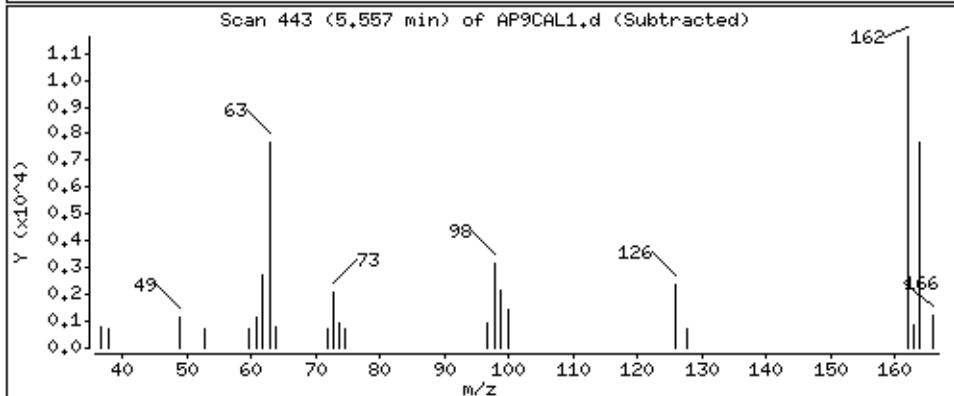
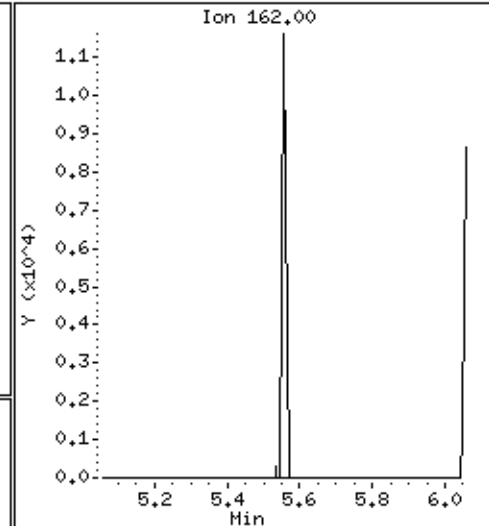
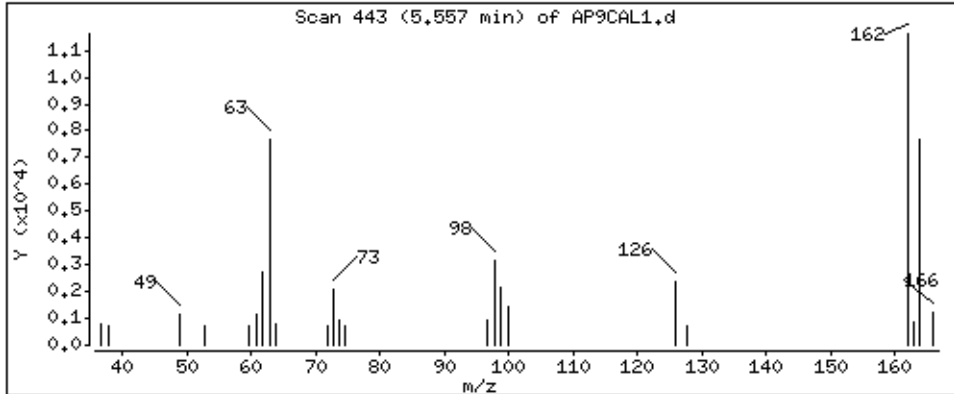
Operator: MJ

Column phase: HPMS-5

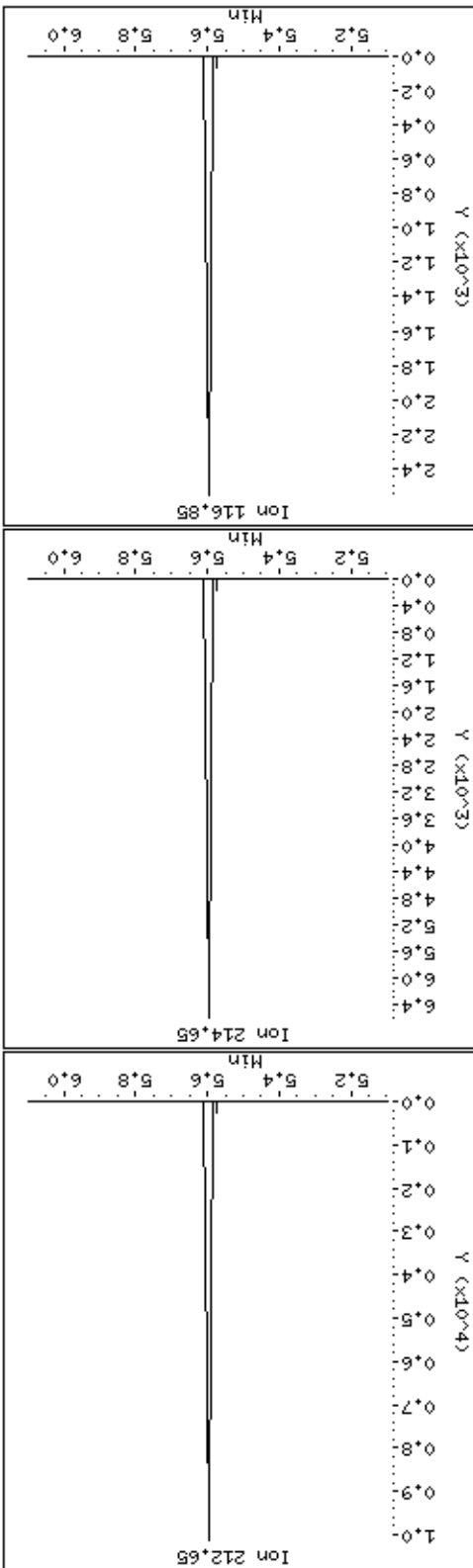
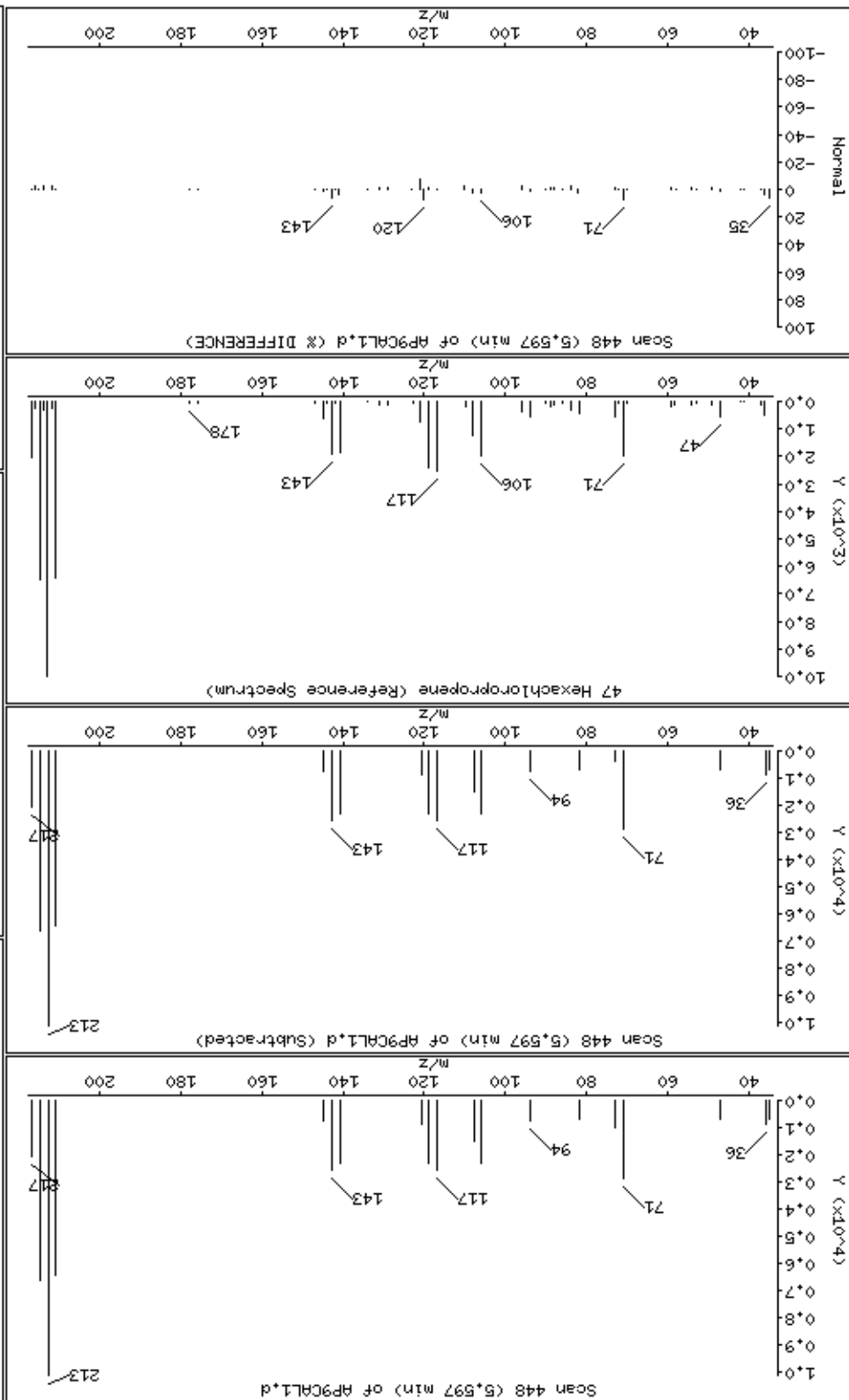
Column diameter: 0,25

46 2,6-Dichlorophenol

Concentration: 3,6 ug/kg







Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

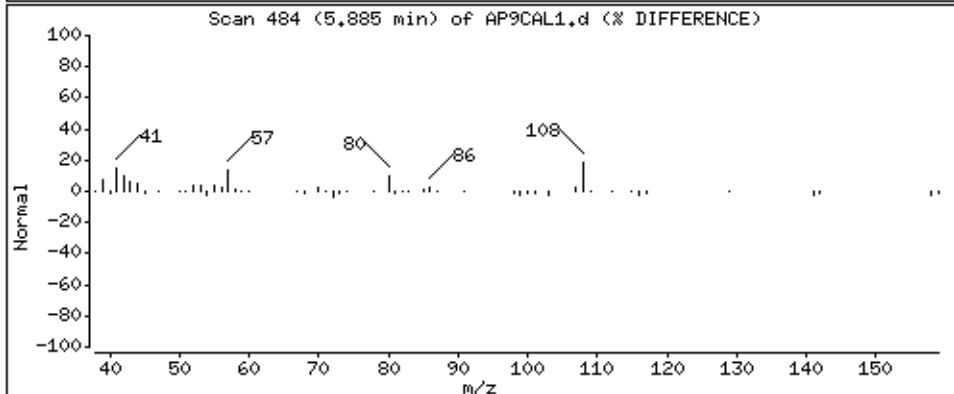
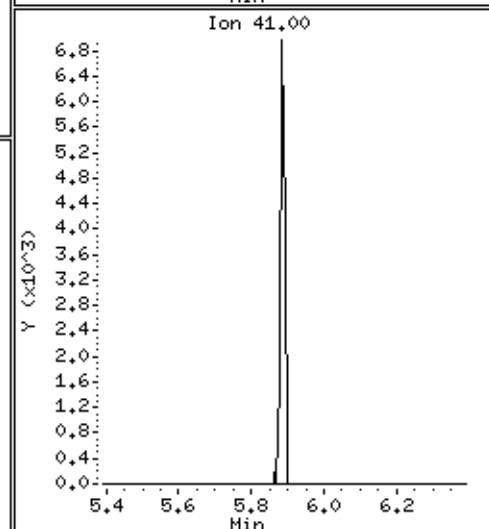
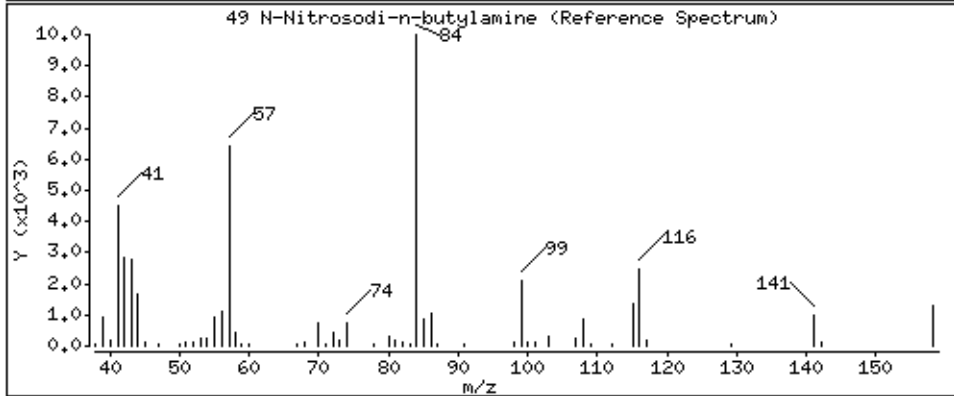
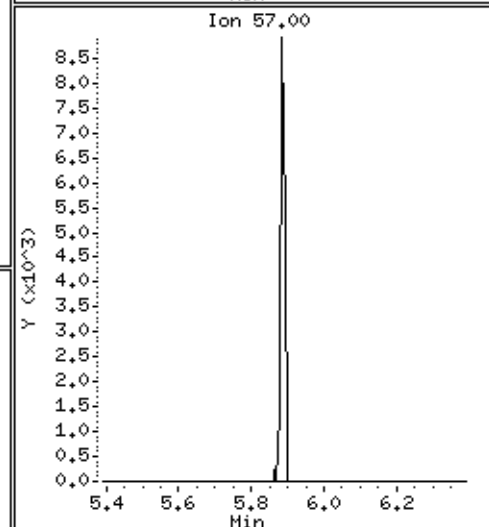
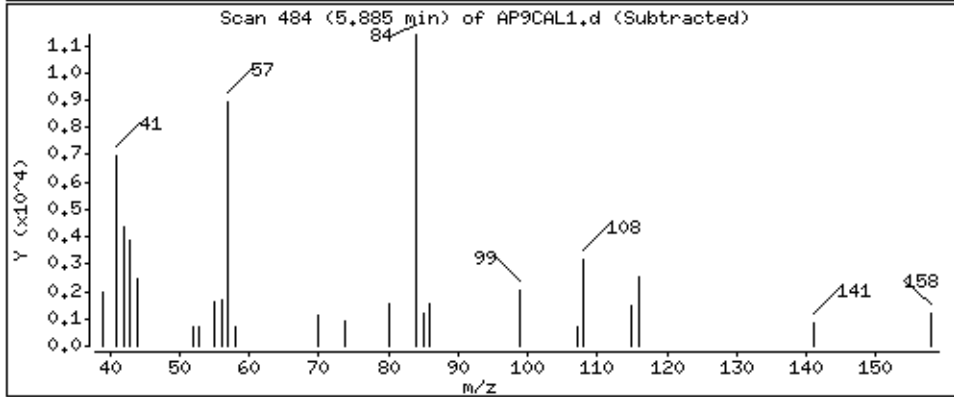
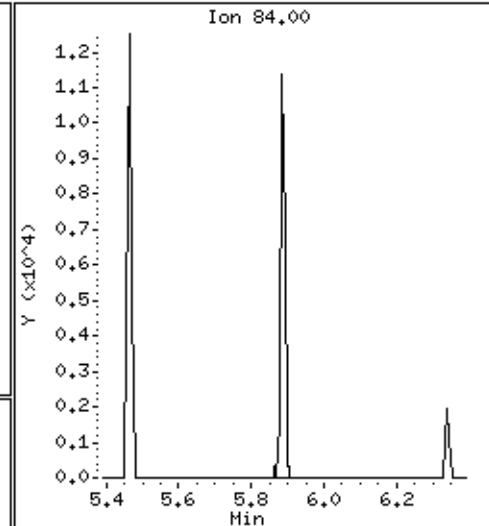
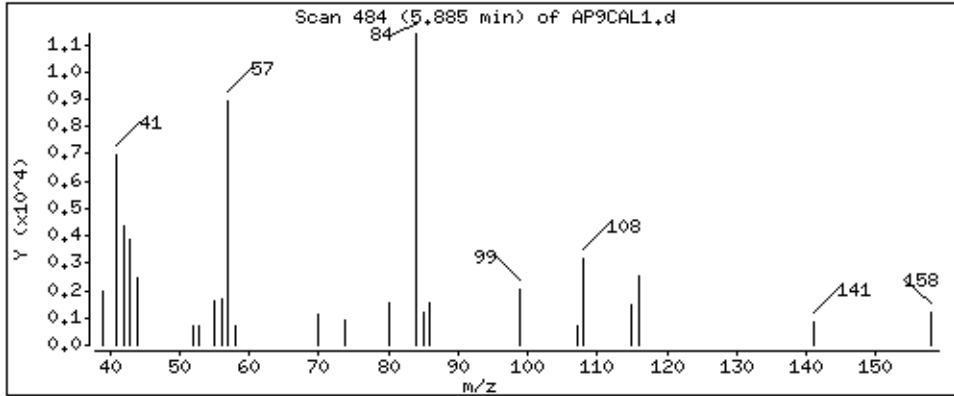
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

49 N-Nitrosodi-n-butylamine

Concentration: 3.7 ug/kg



Date: 15-NOV-2012 11:30

Client ID: AP9CALL1

Sample Info: 47939

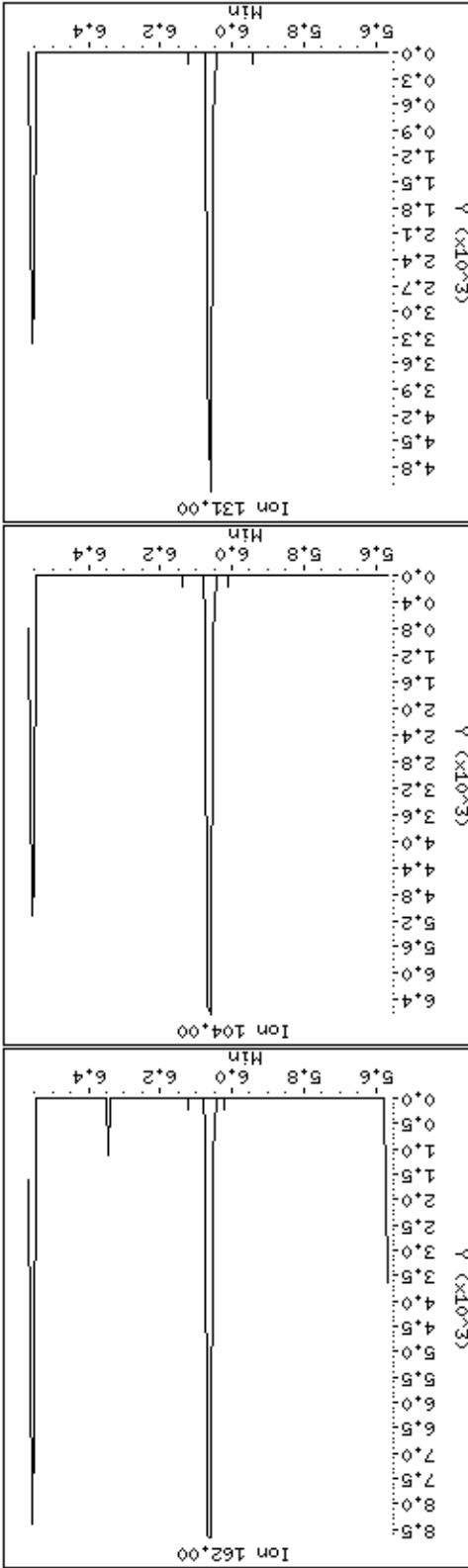
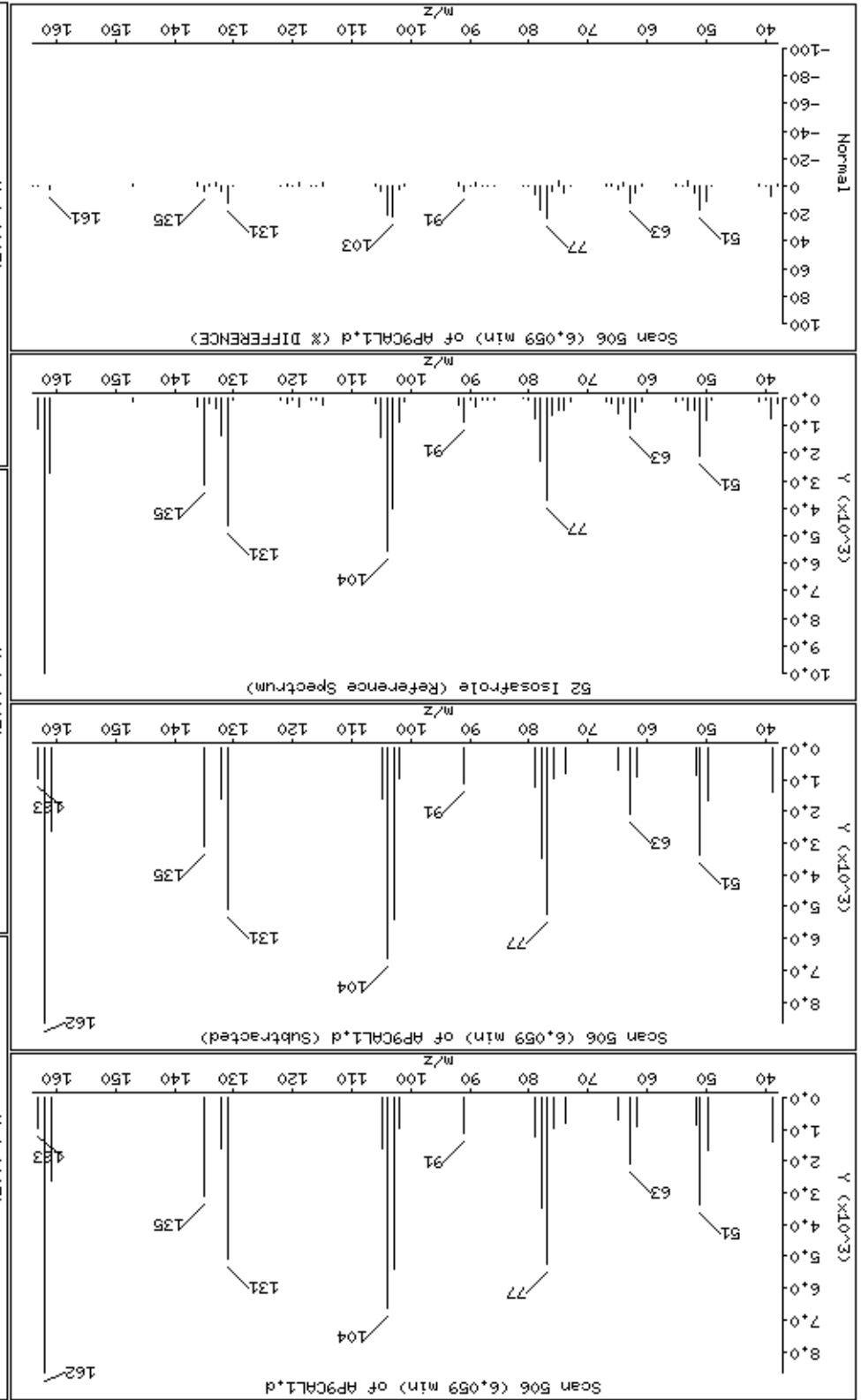
Column phase: HPMS-5

Column diameter: 0.25

Operator: MJ

Instrument: smsd04.1

Concentration: 3.7 ug/kg



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

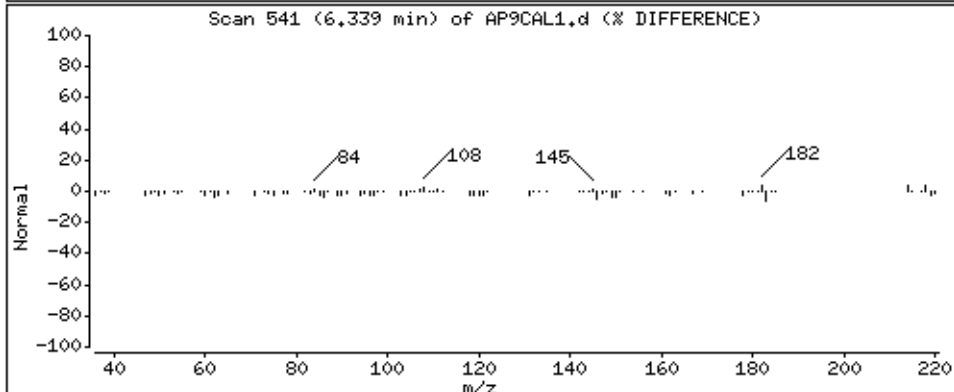
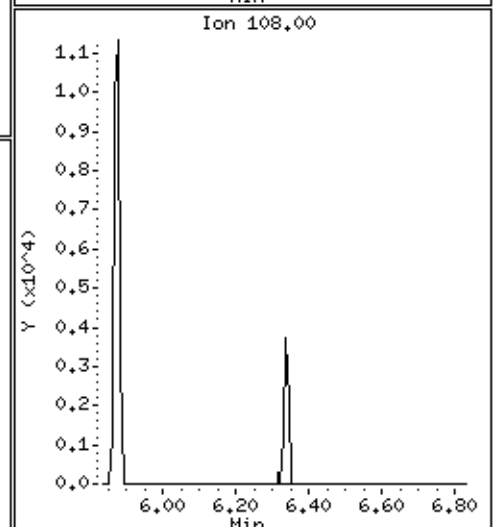
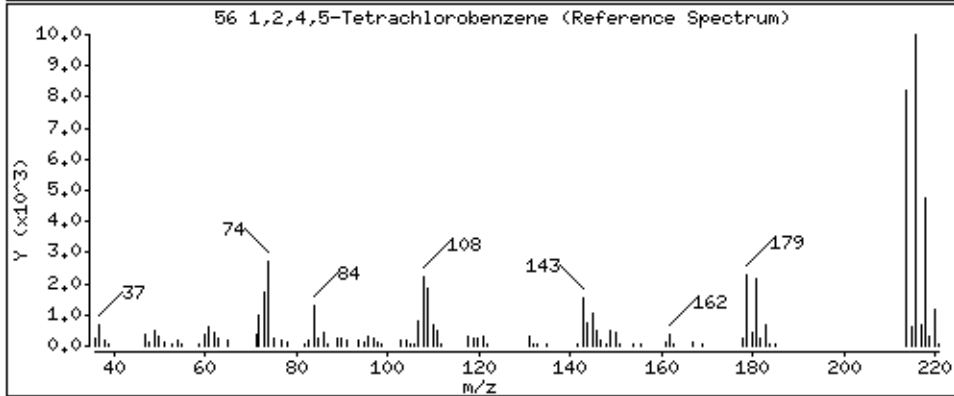
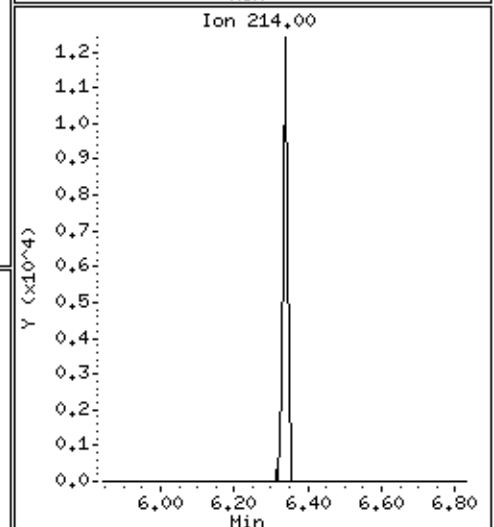
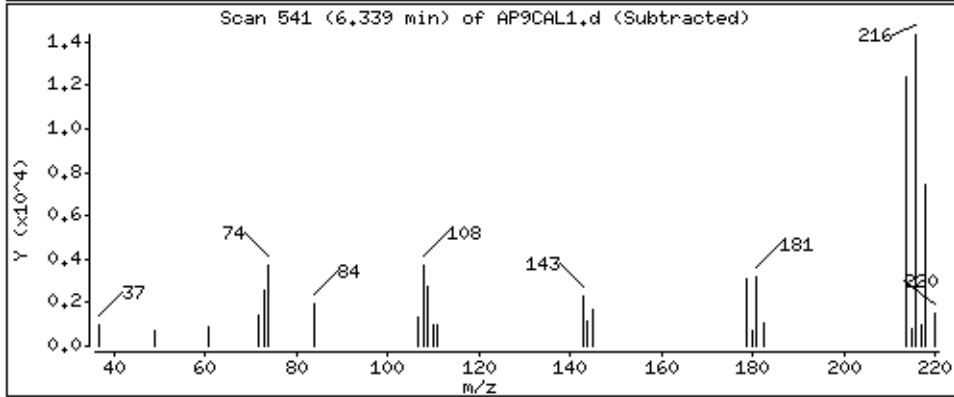
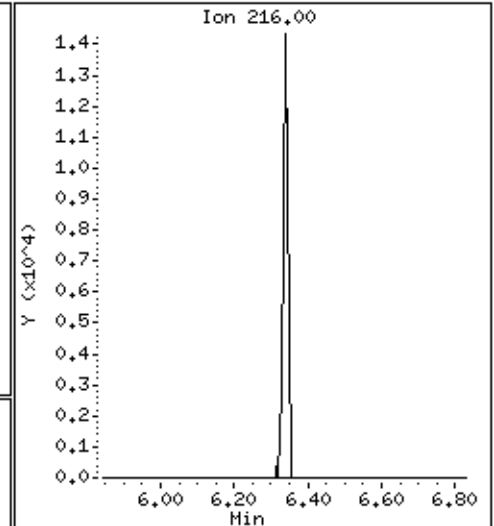
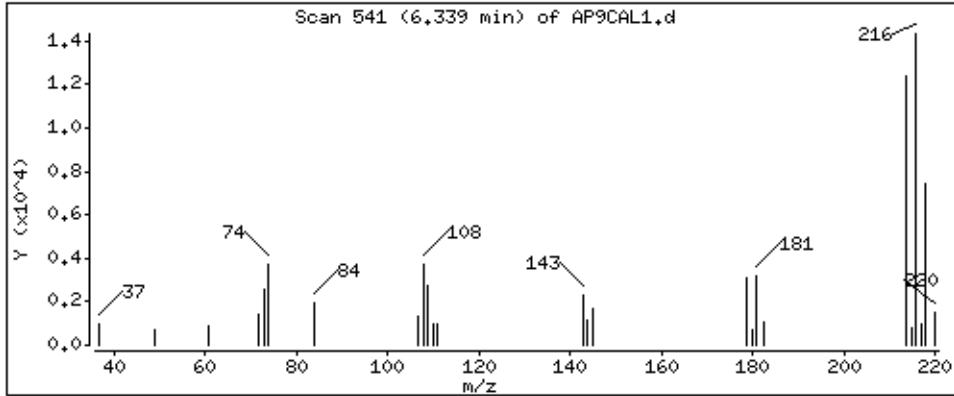
Operator: MJ

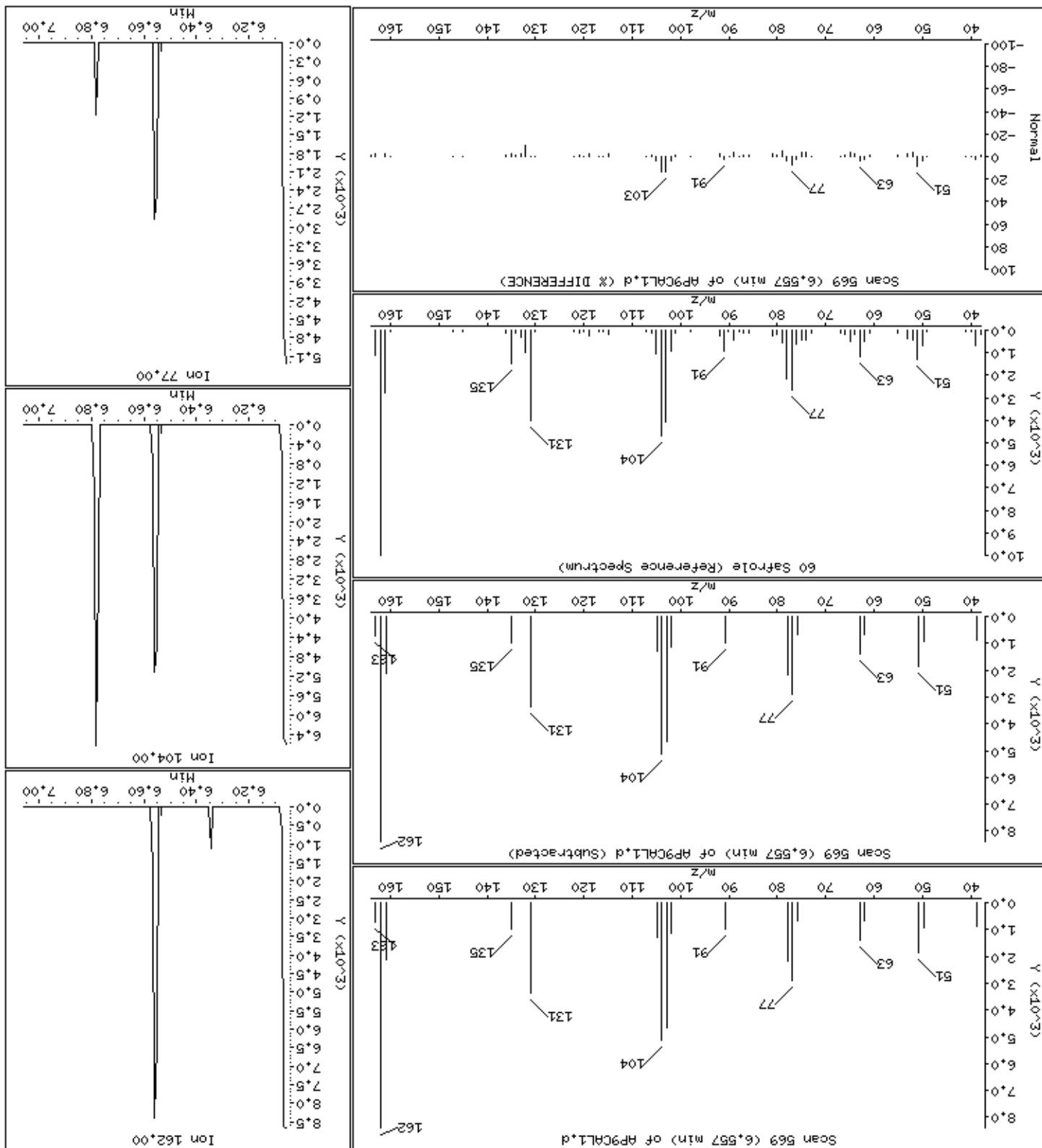
Column phase: HPMS-5

Column diameter: 0,25

56 1,2,4,5-Tetrachlorobenzene

Concentration: 3,7 ug/kg





Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

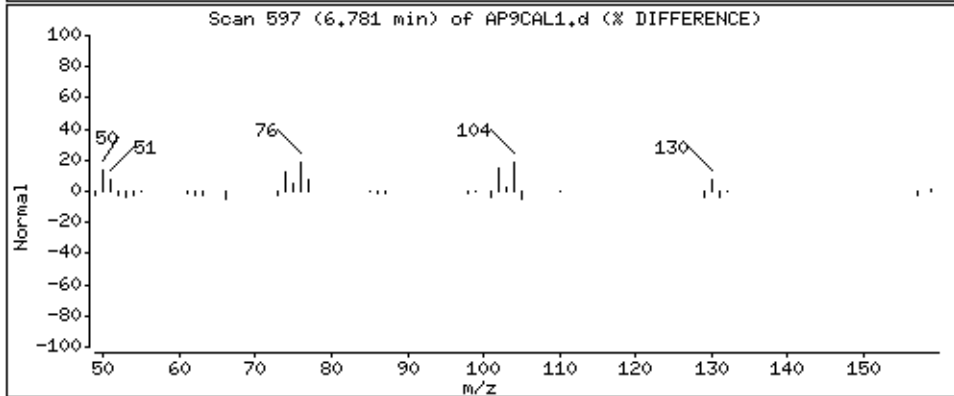
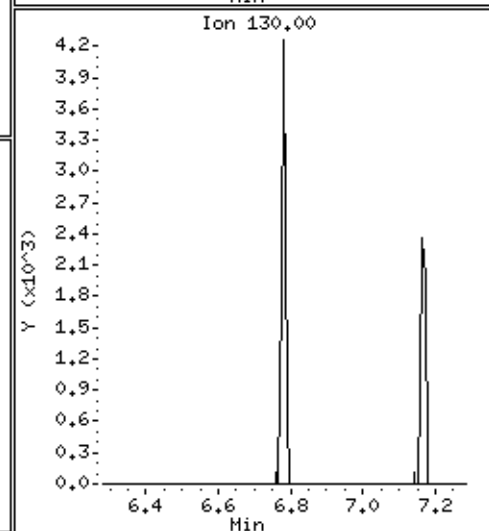
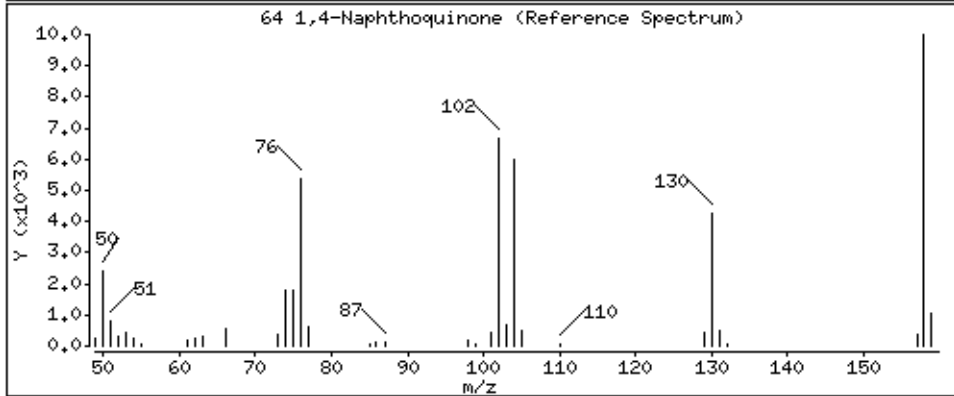
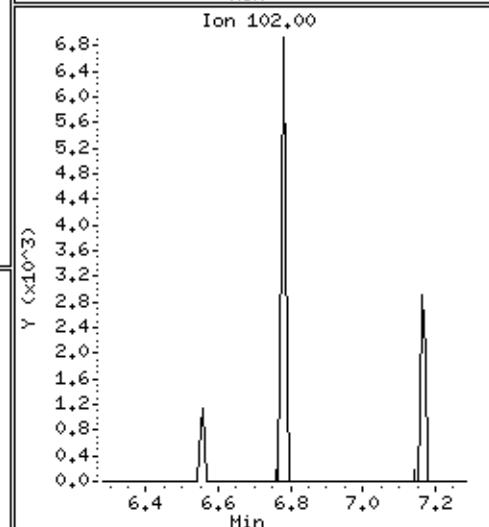
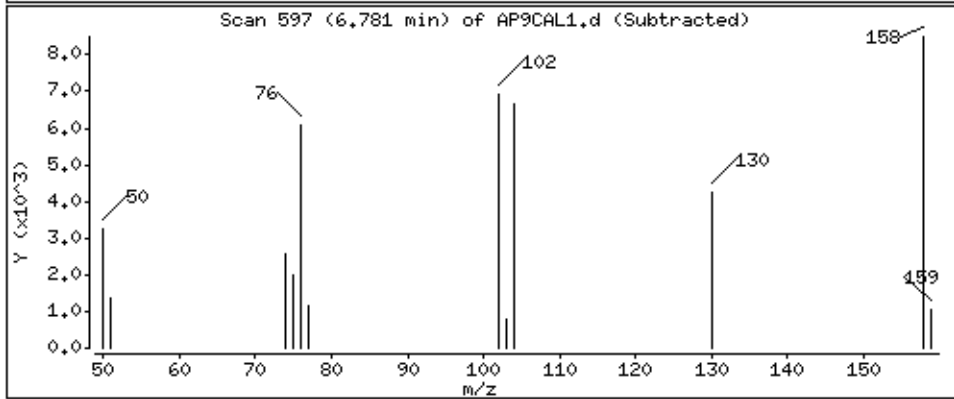
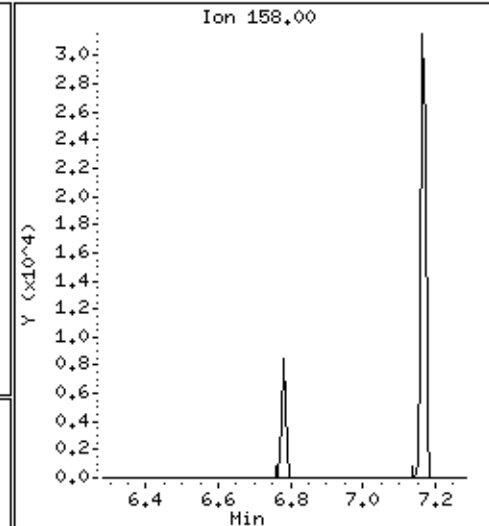
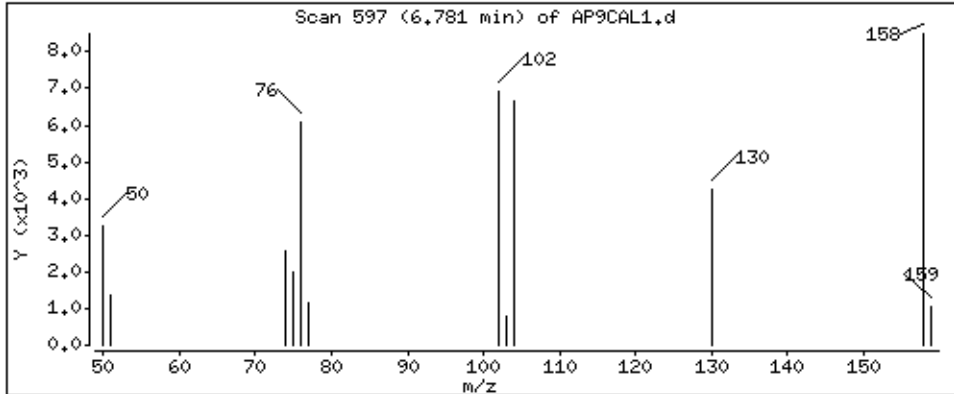
Operator: MJ

Column phase: HPMS-5

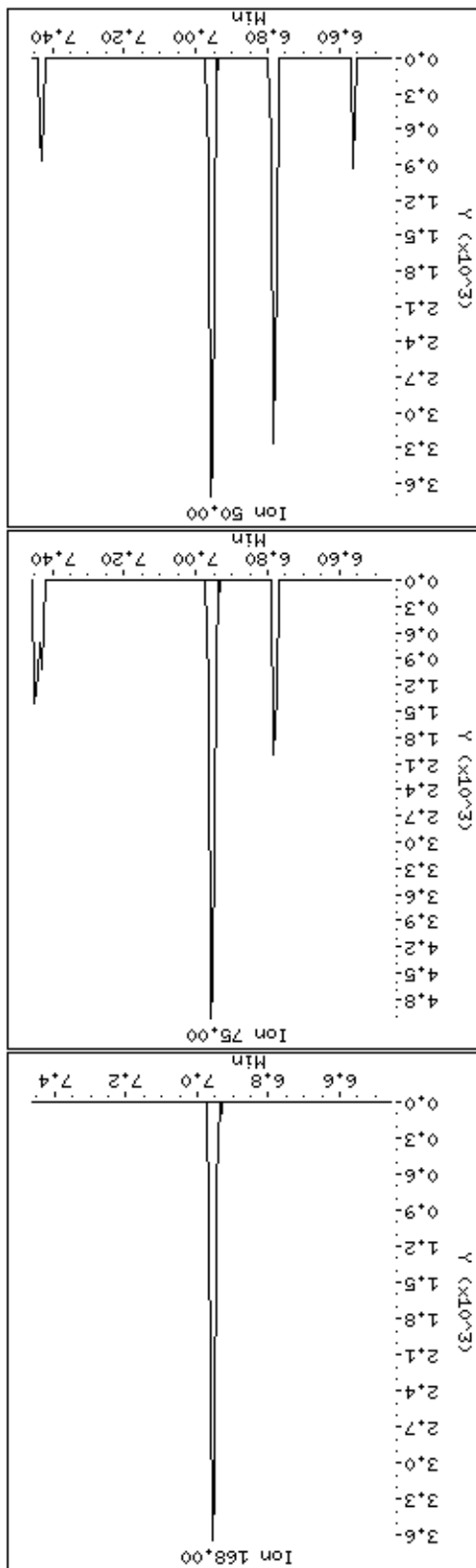
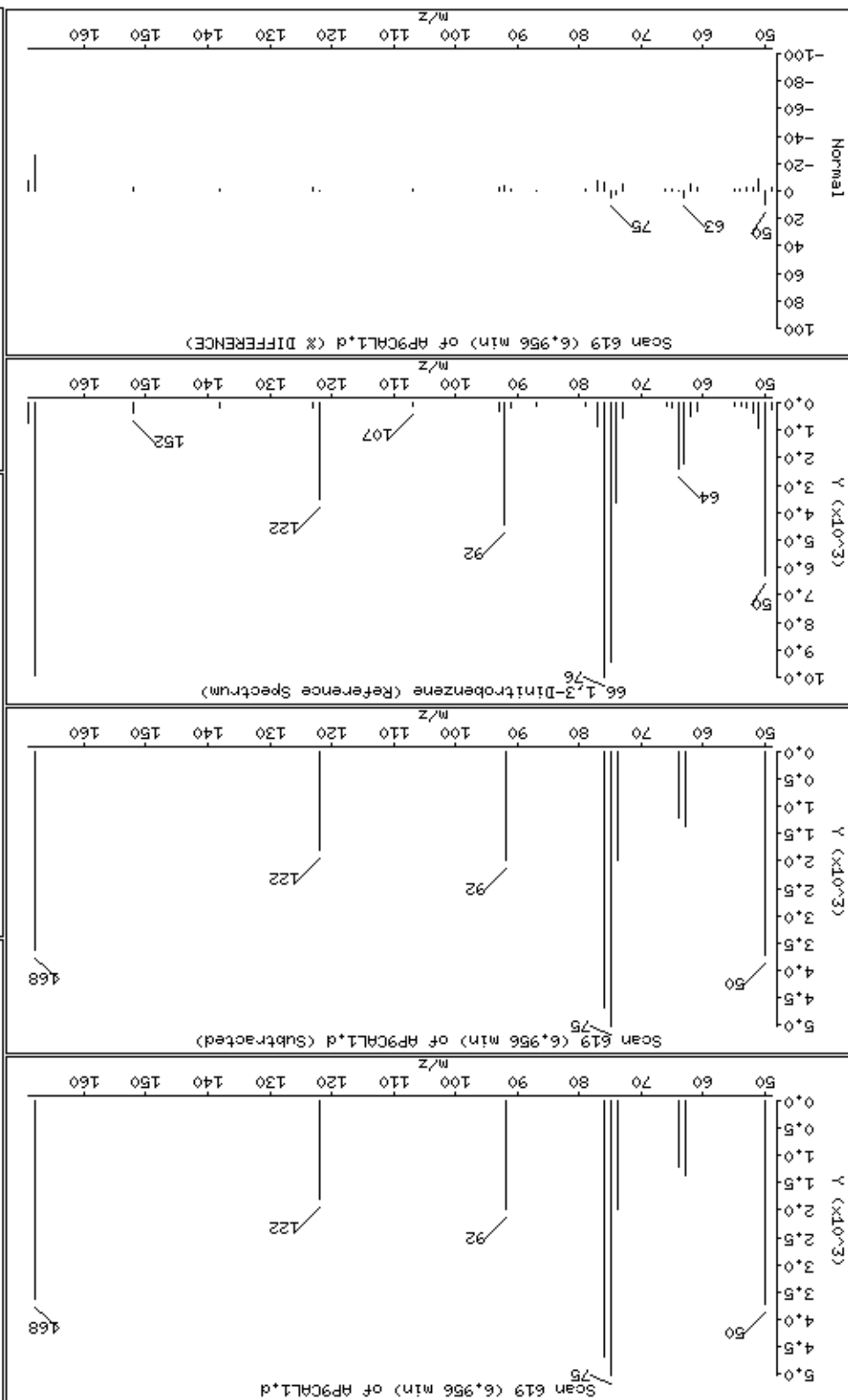
Column diameter: 0,25

64 1,4-Naphthoquinone

Concentration: 3,2 ug/kg



66 1,3-Dinitrobenzene



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

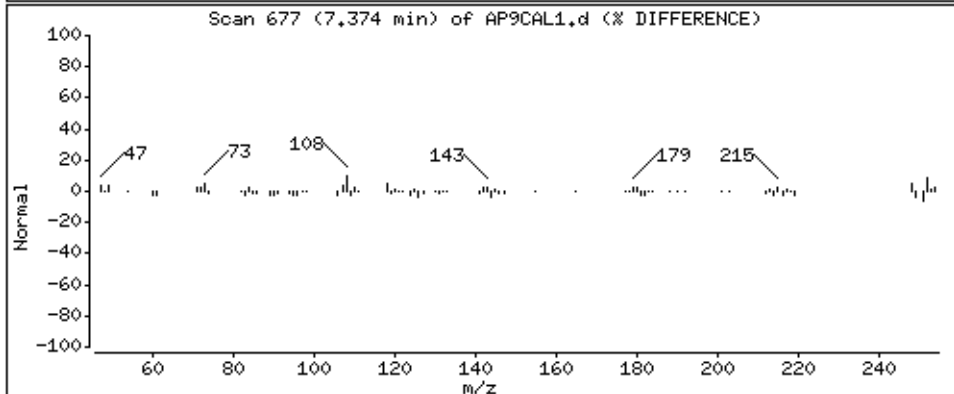
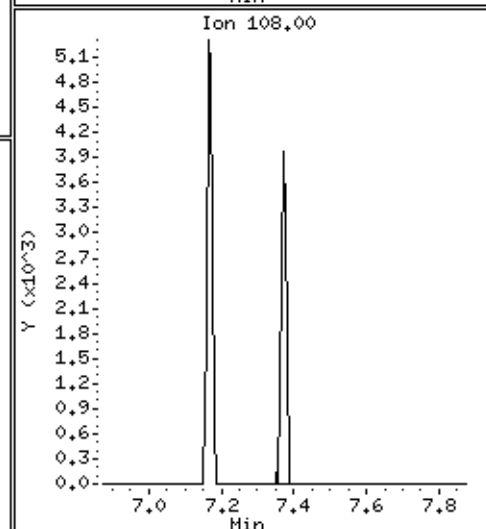
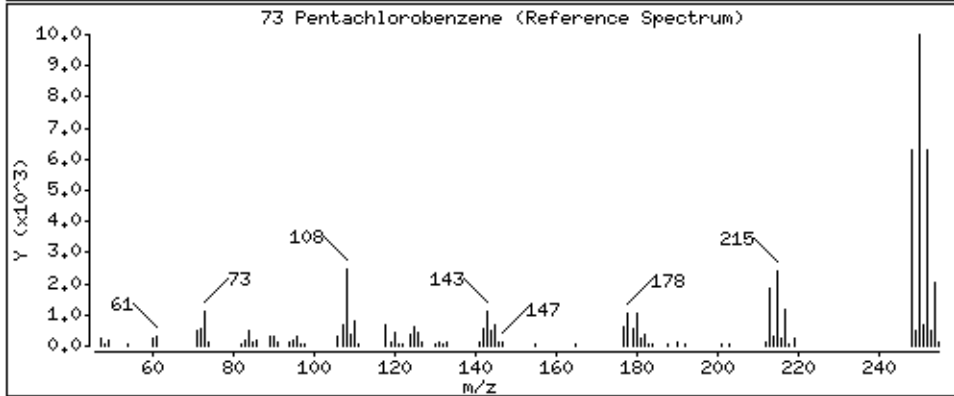
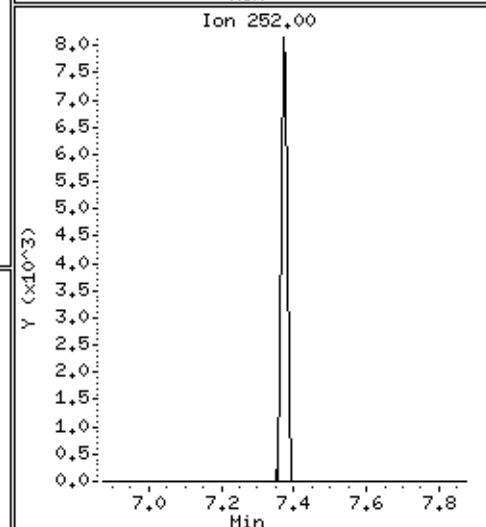
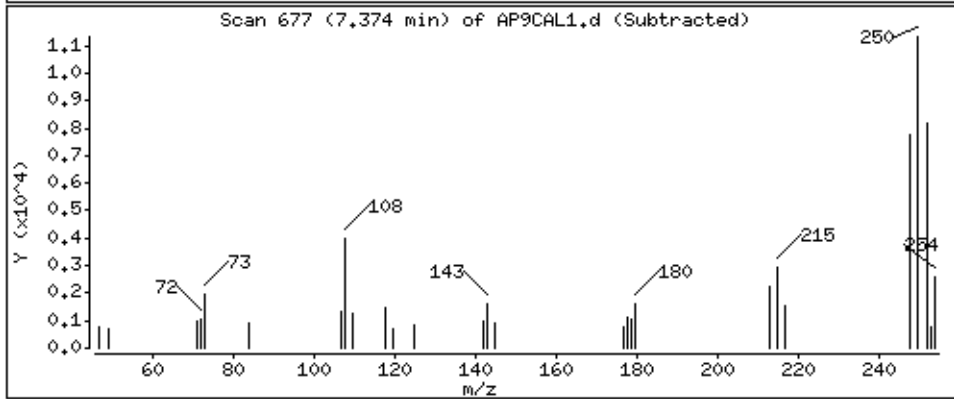
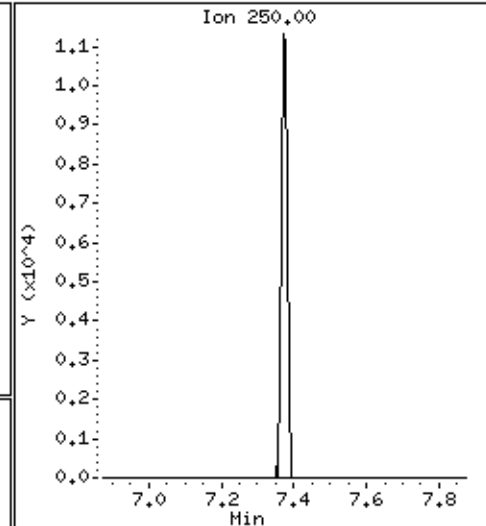
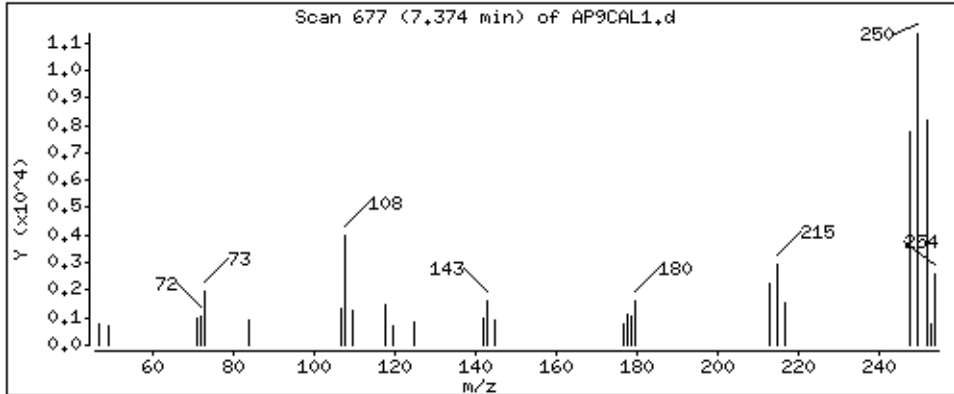
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

73 Pentachlorobenzene

Concentration: 3,7 ug/kg





Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

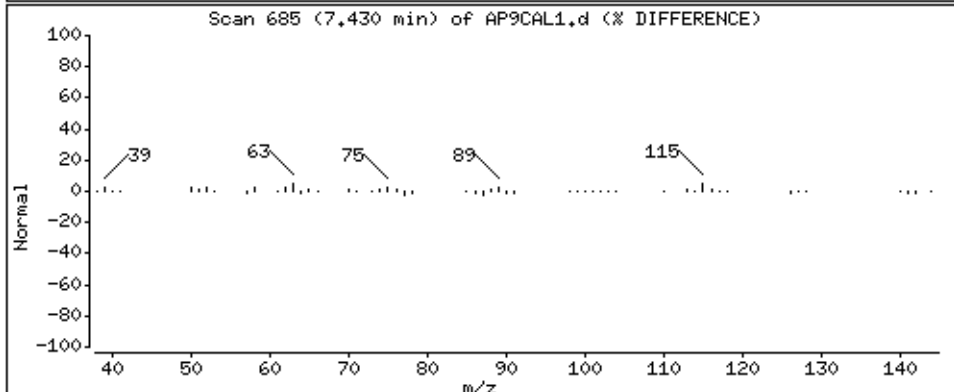
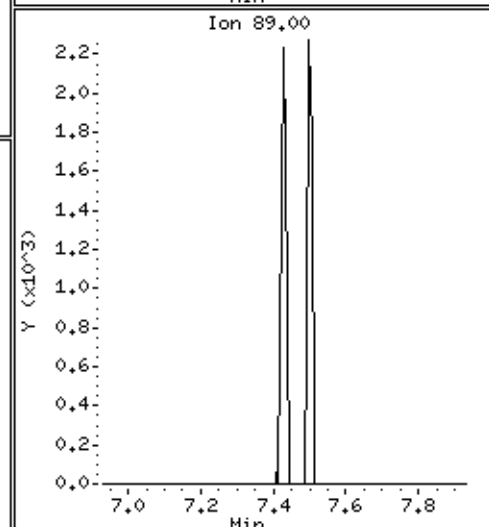
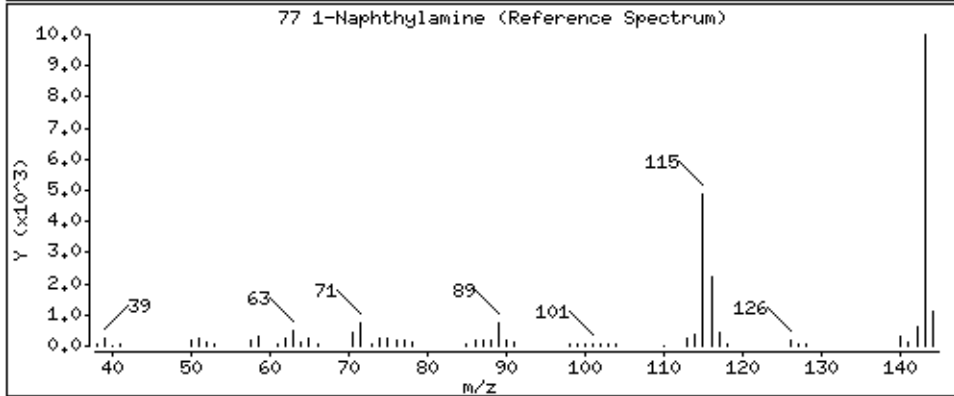
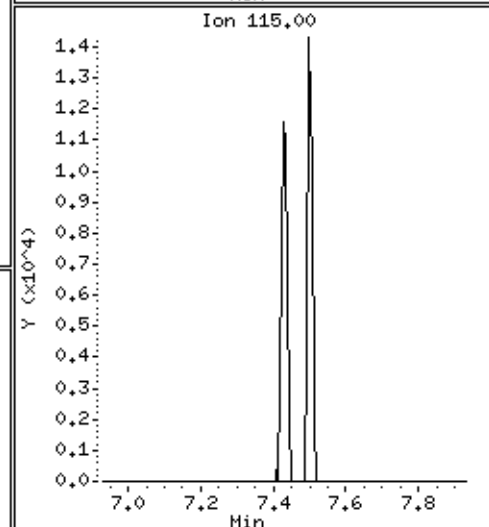
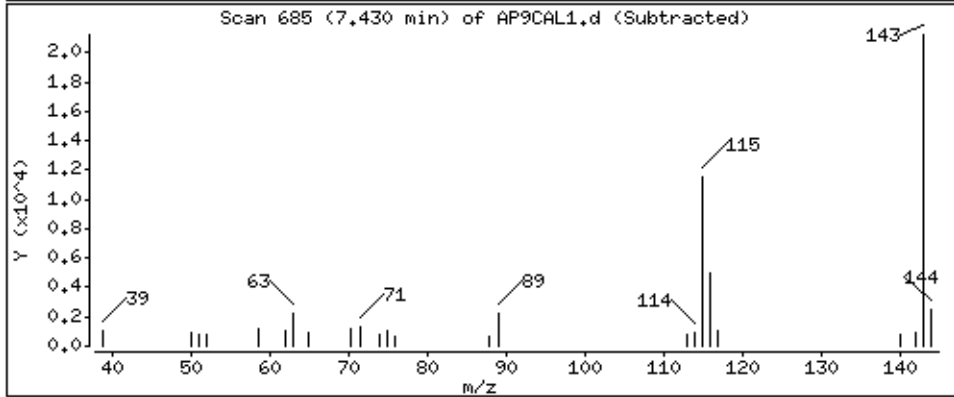
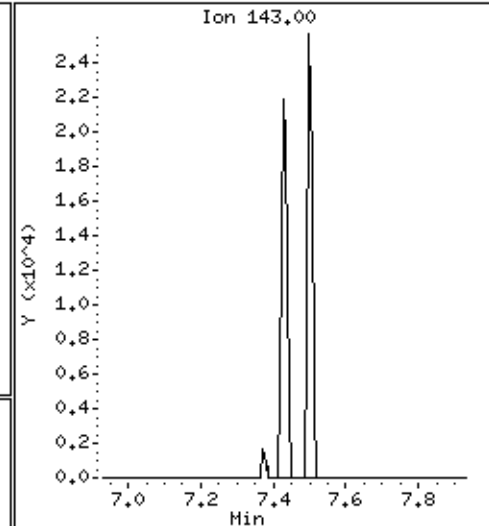
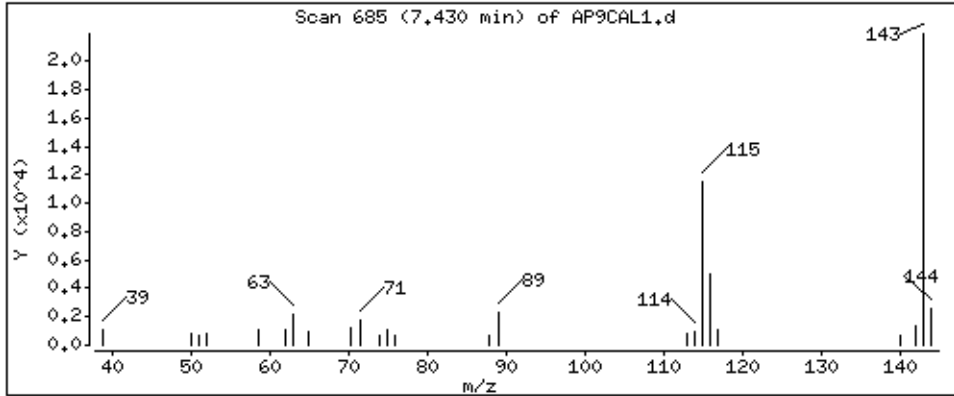
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

77 1-Naphthylamine

Concentration: 3.9 ug/kg



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

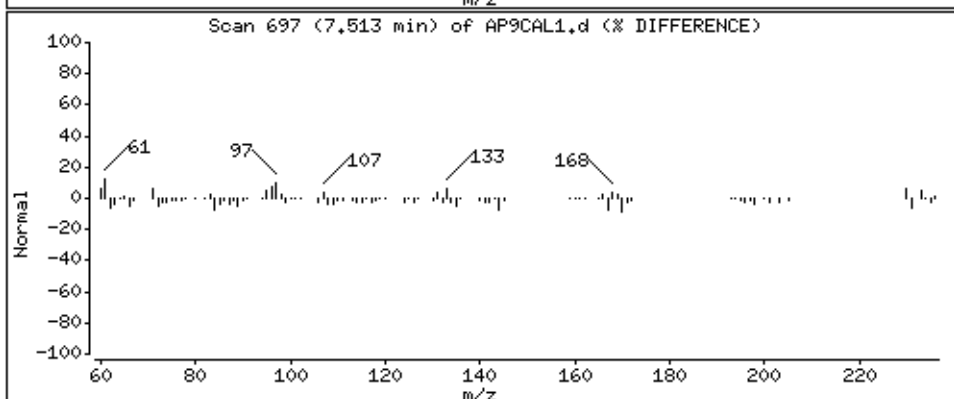
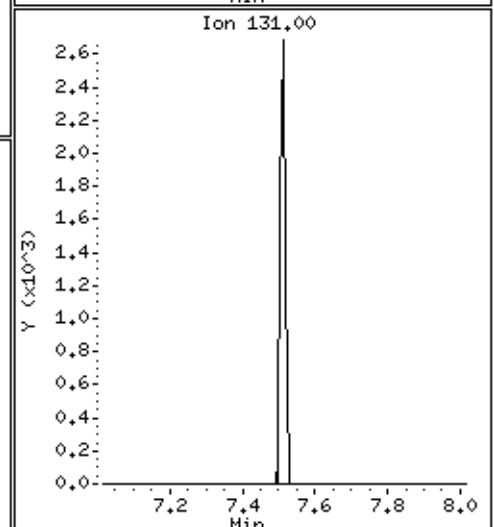
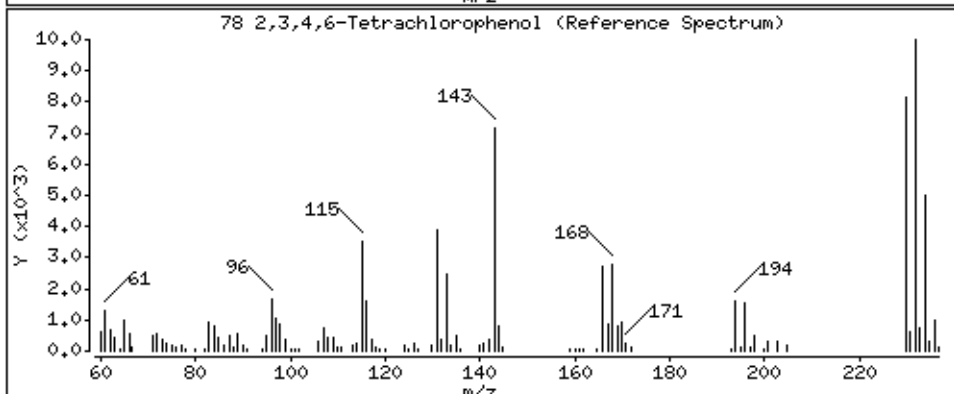
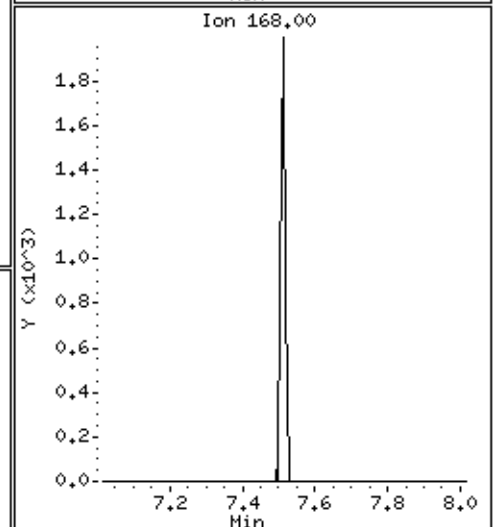
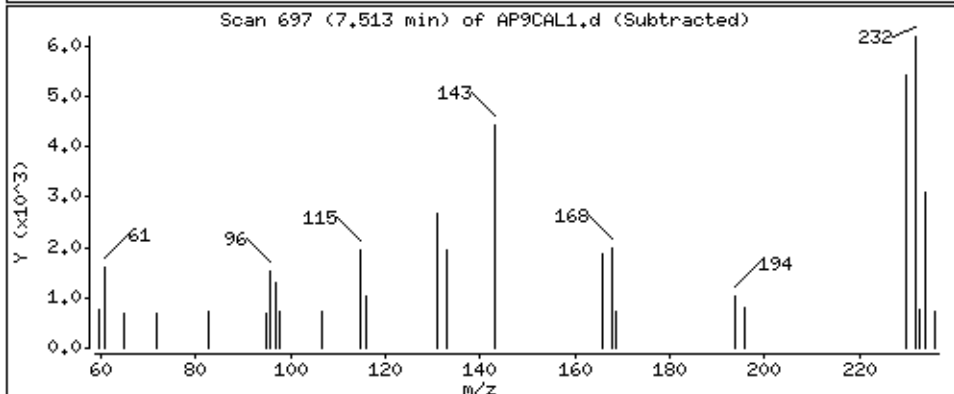
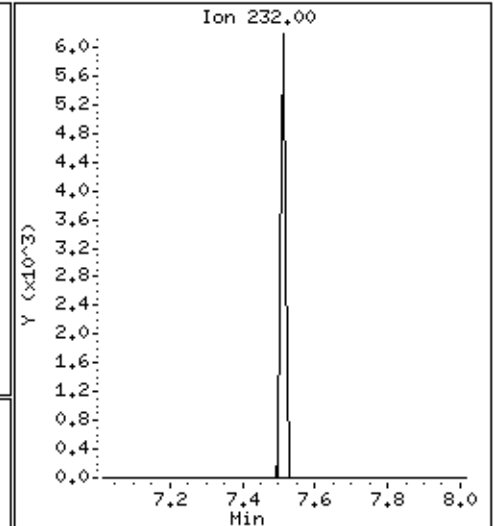
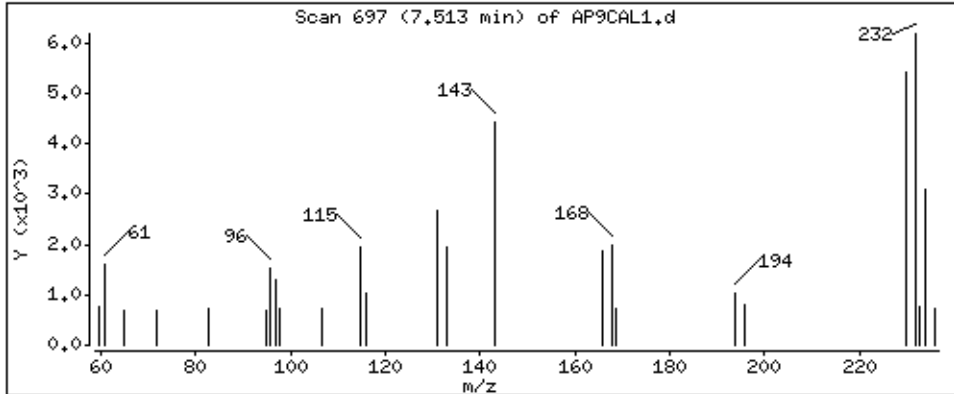
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

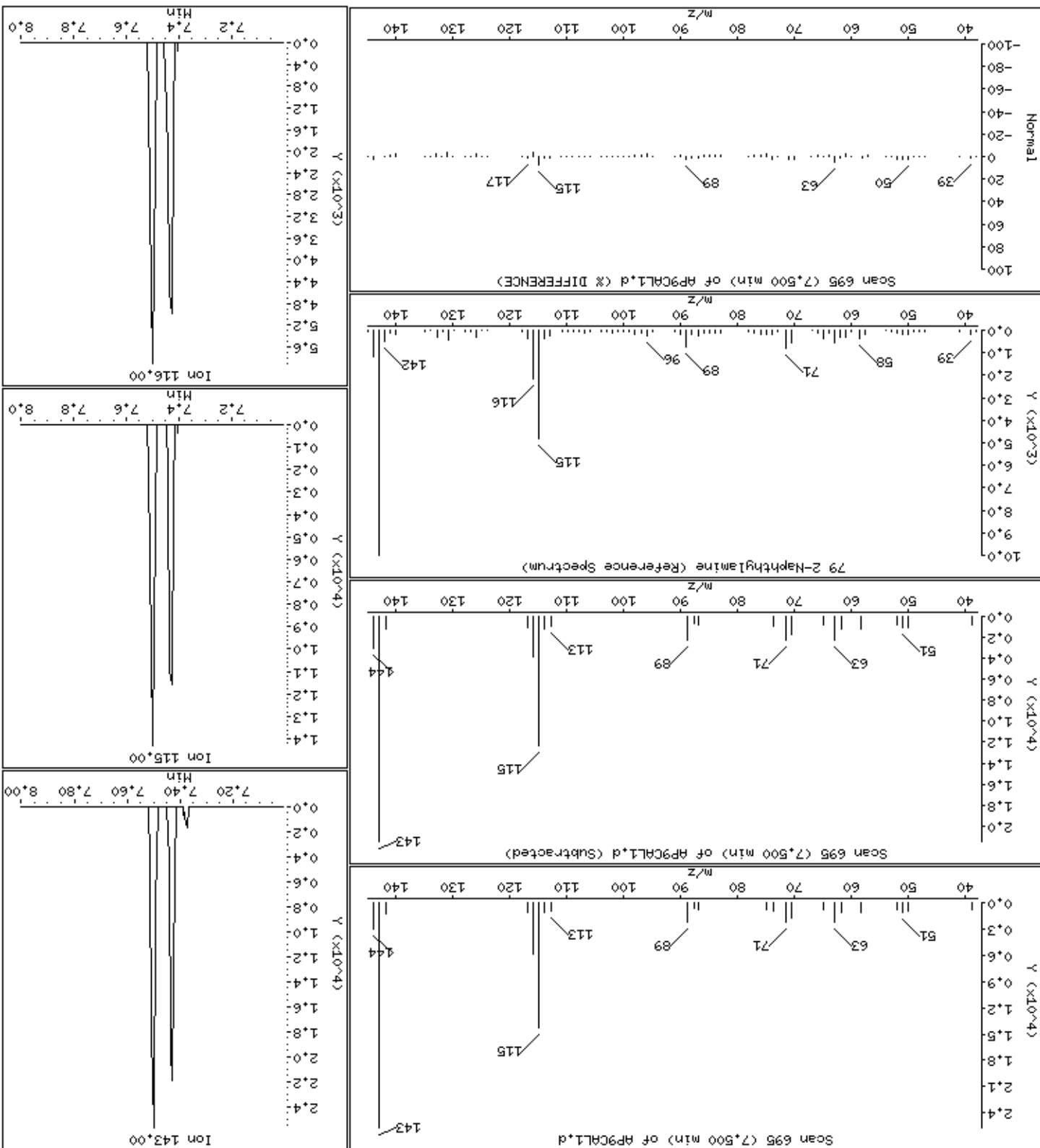
78 2,3,4,6-Tetrachlorophenol

Concentration: 3,0 ug/kg



79-2-Naphthylamine

Column phase: HPMS-5



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

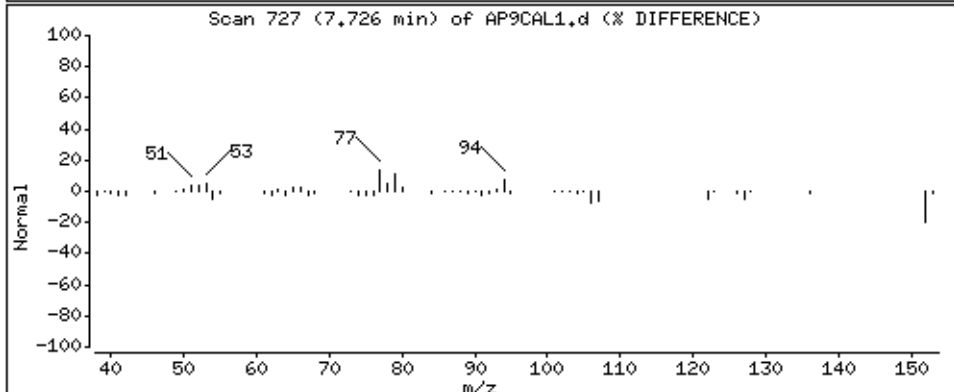
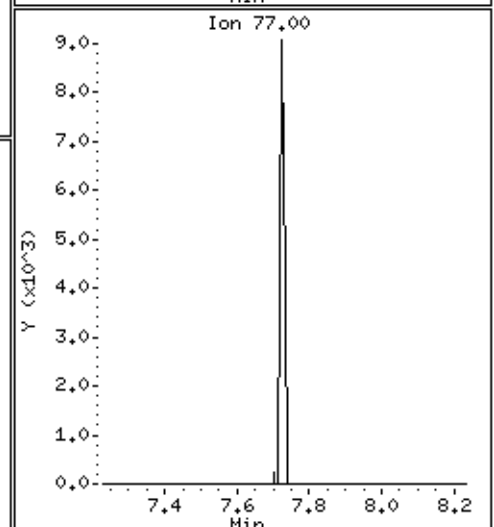
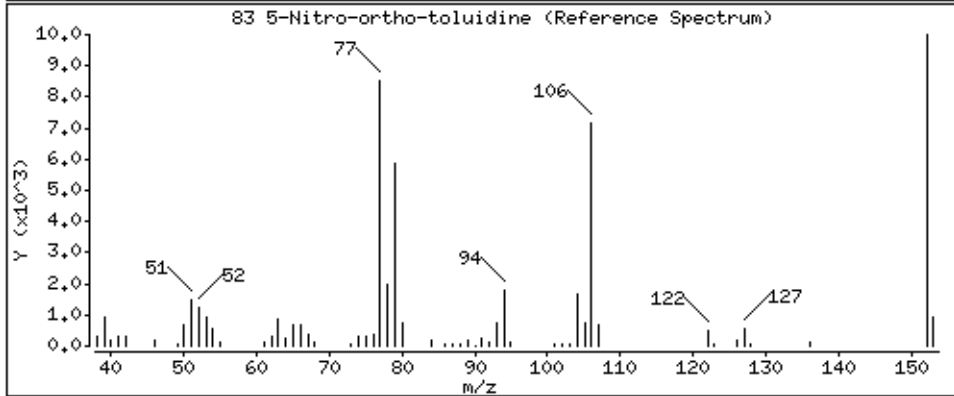
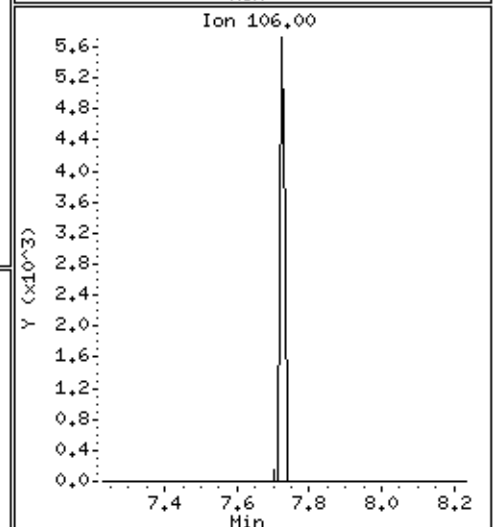
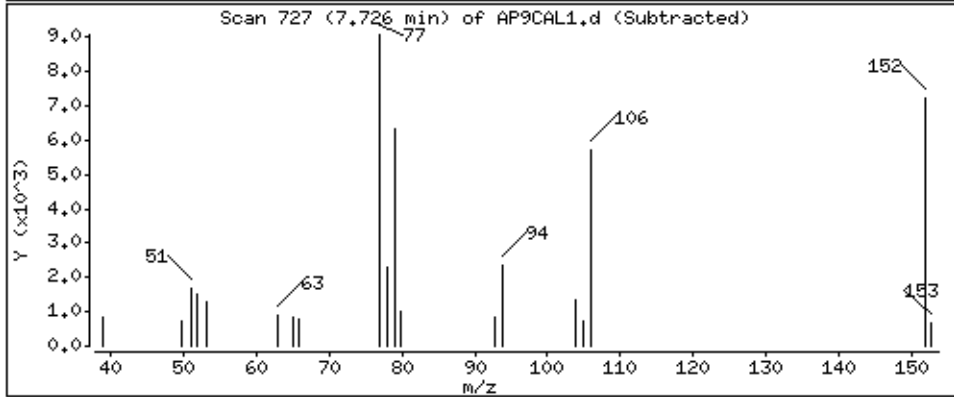
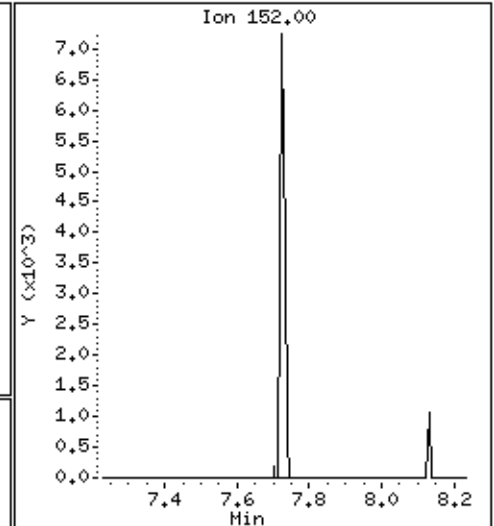
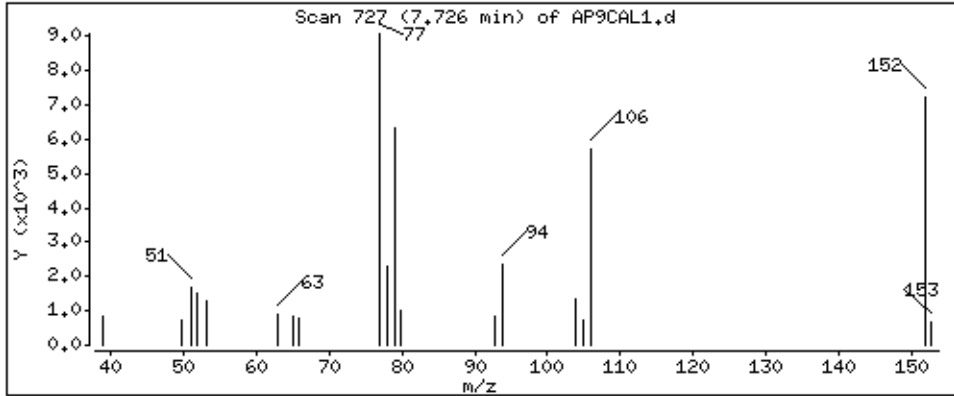
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

83 5-Nitro-ortho-toluidine

Concentration: 3,4 ug/kg



Date: 15-NOV-2012 11:30

Client ID: AP9CAL1

Sample Info: 47939

Operator: MJ

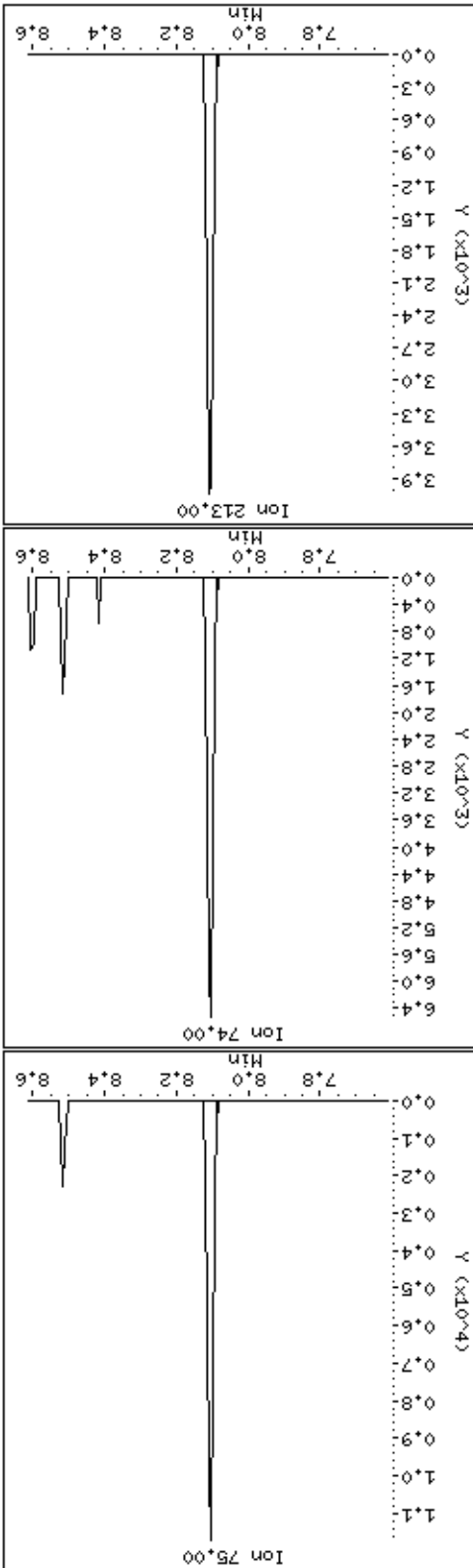
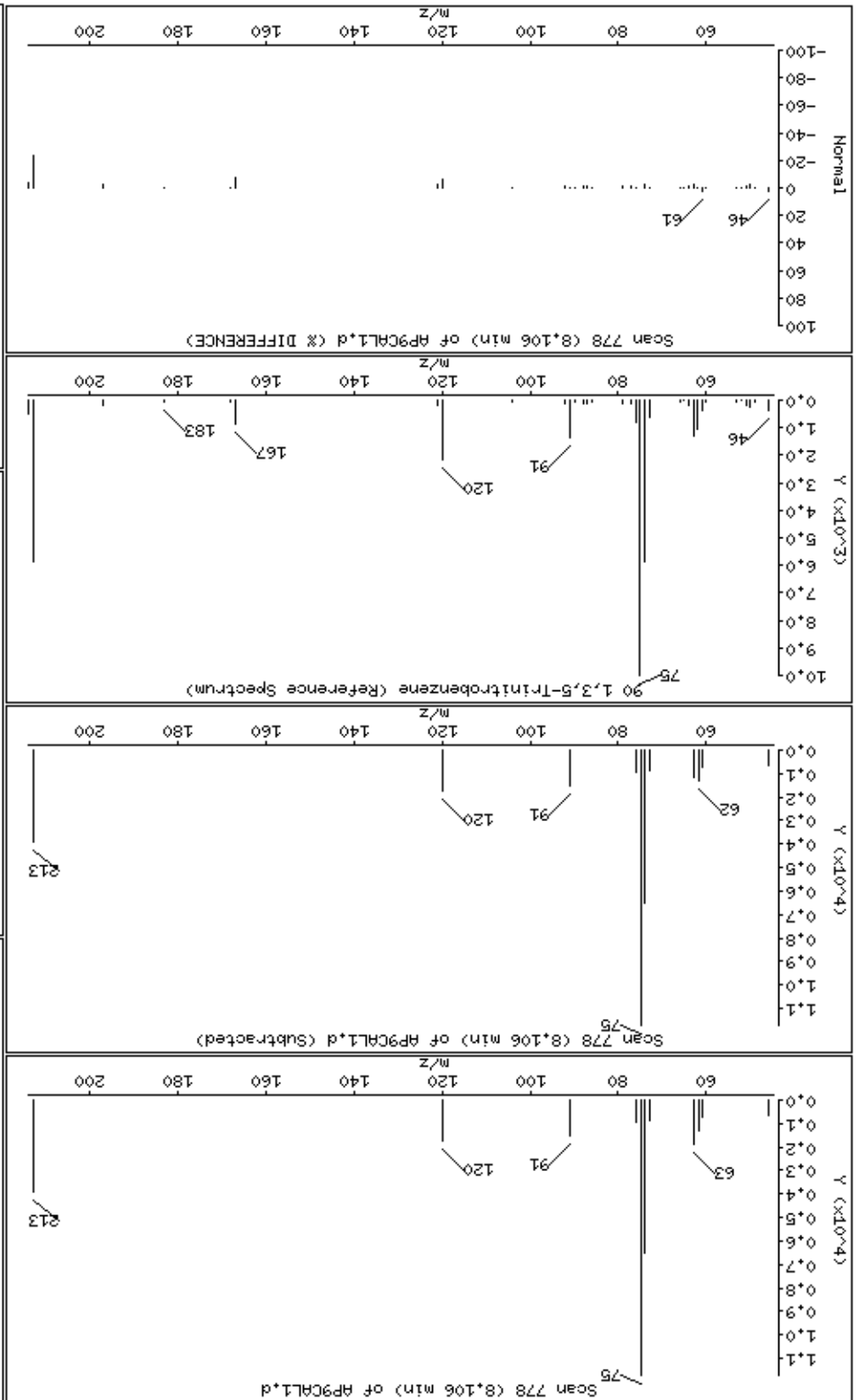
Column diameter: 0.25

Concentration: 4.6 ug/kg

Instrument: smsd04.1

90 1,3,5-Trinitrobenzene

Column phase: HPMS-5



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

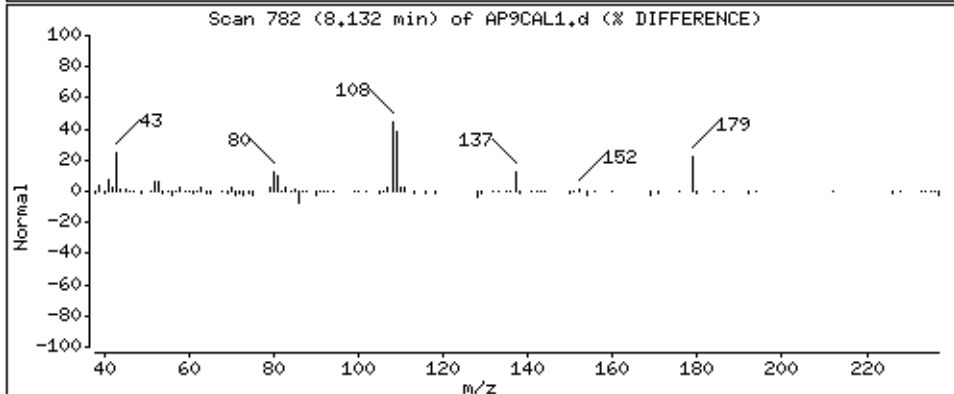
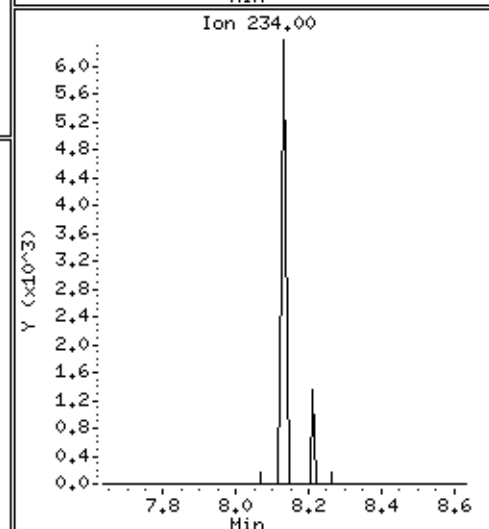
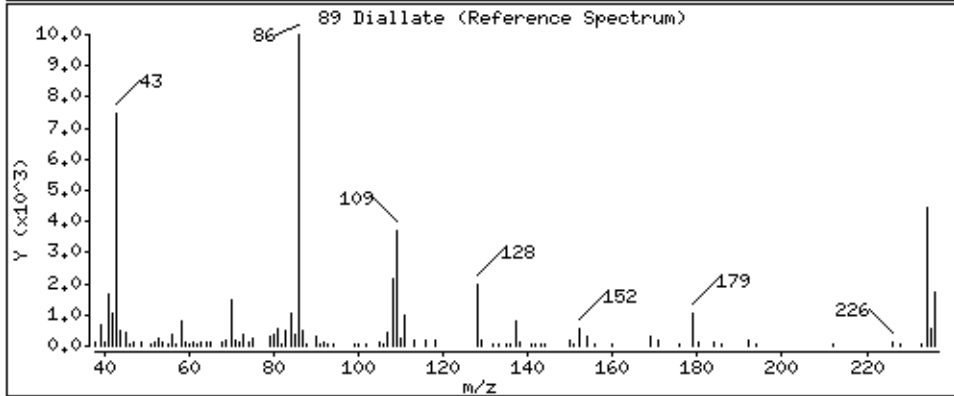
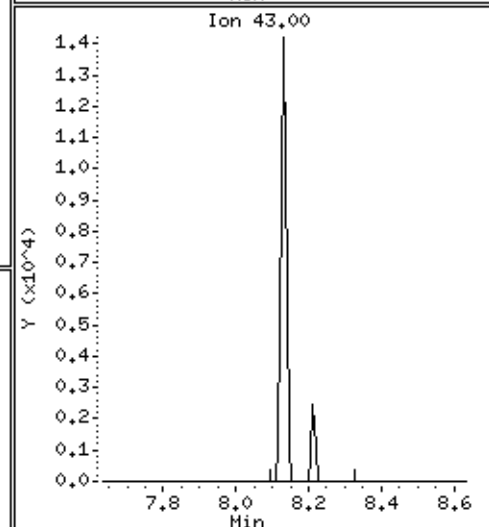
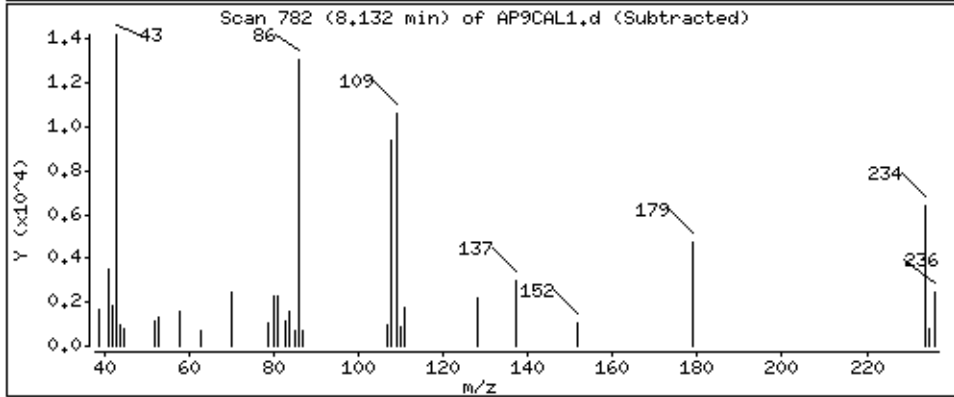
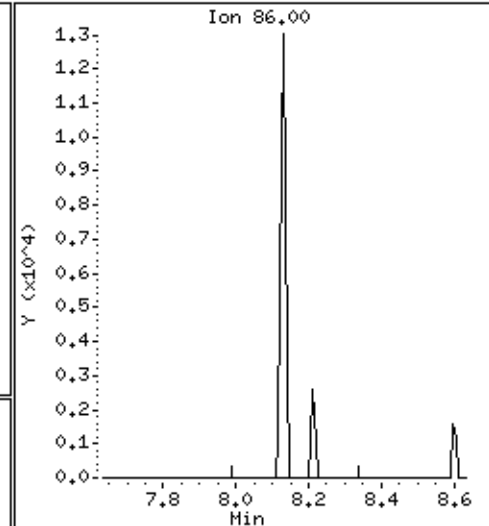
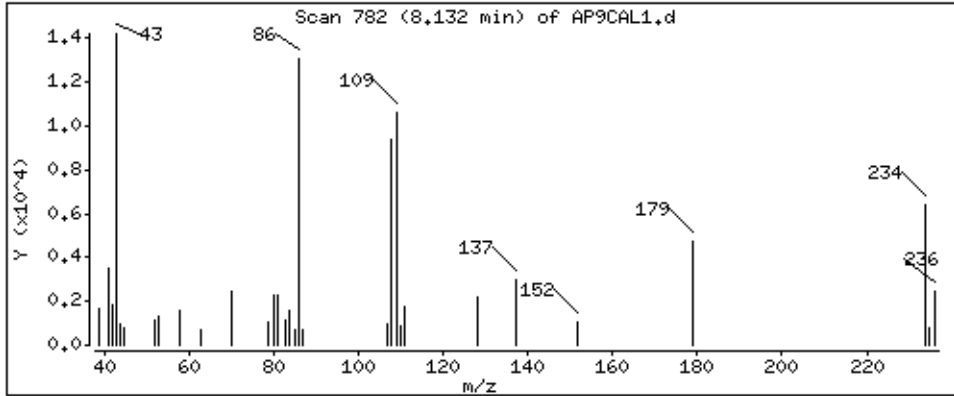
Operator: MJ

Column phase: HPMS-5

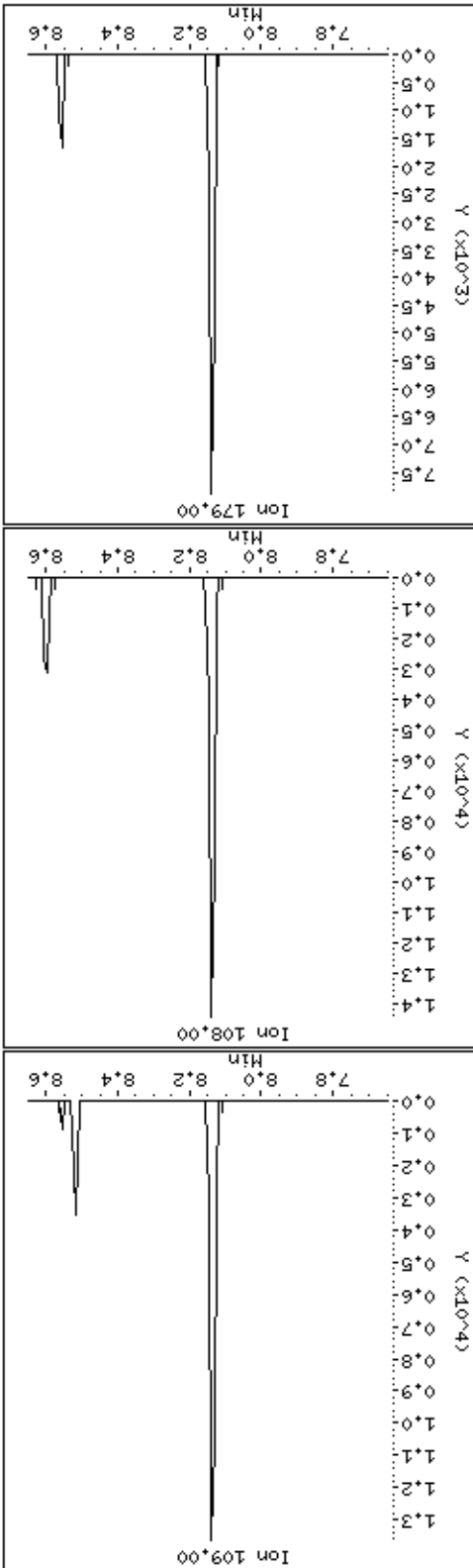
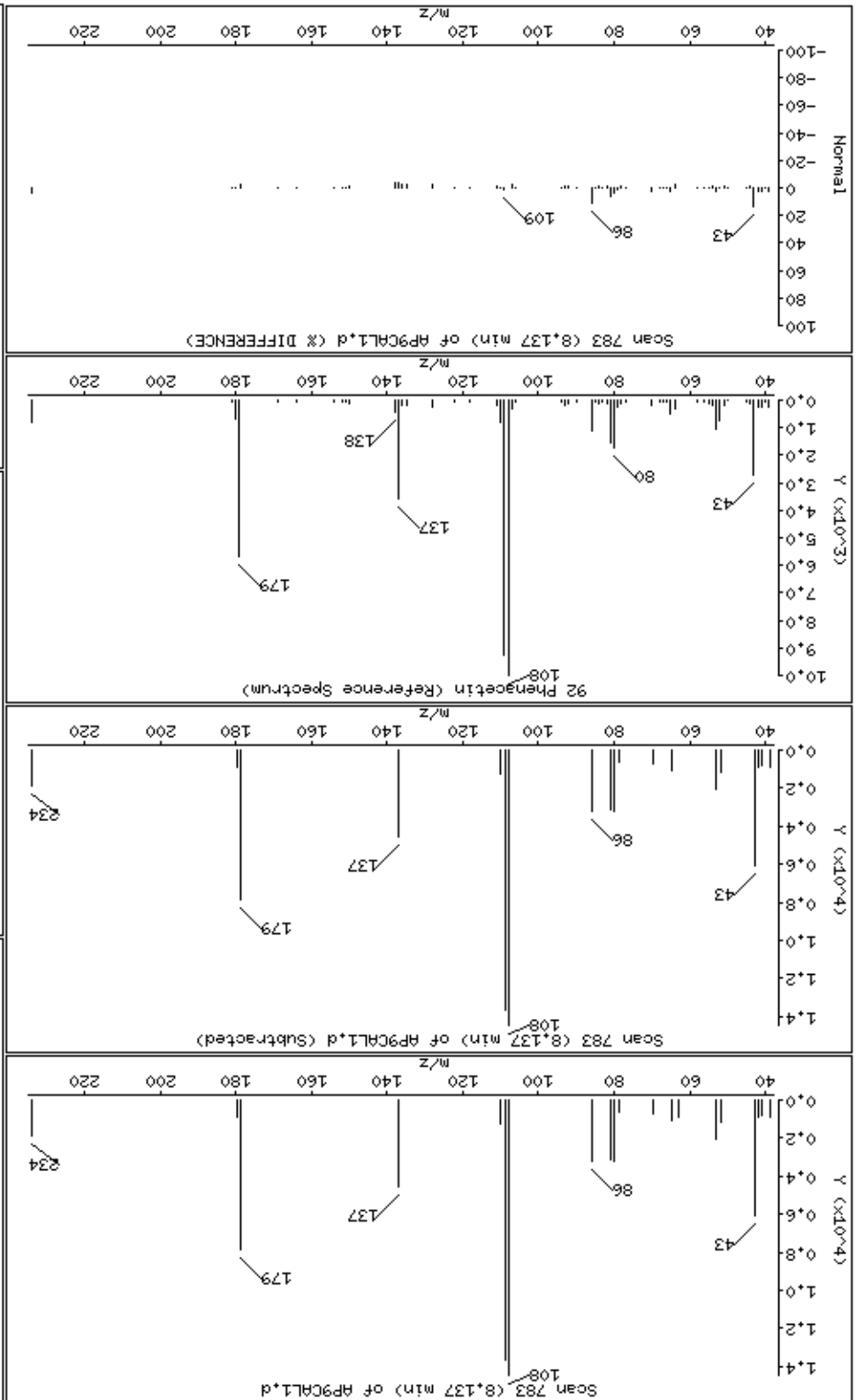
Column diameter: 0,25

89 Diallate

Concentration: 4,2 ug/kg



92 Phenacetin



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

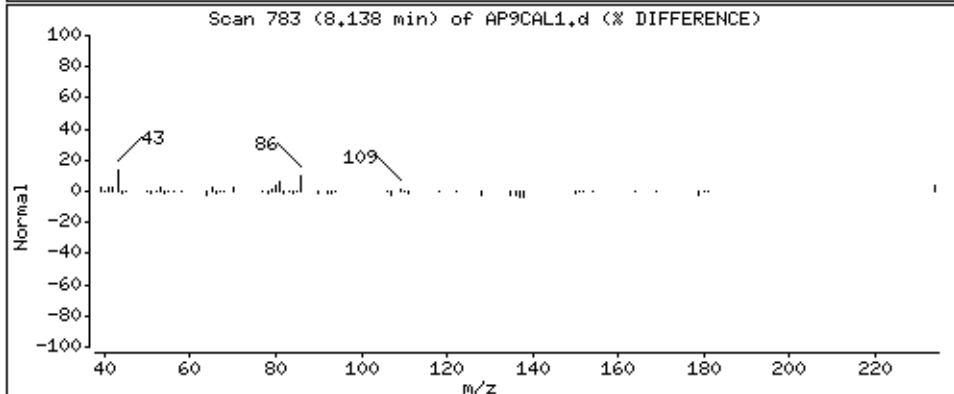
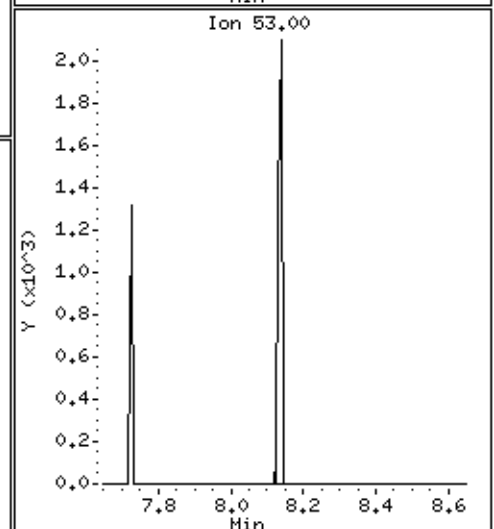
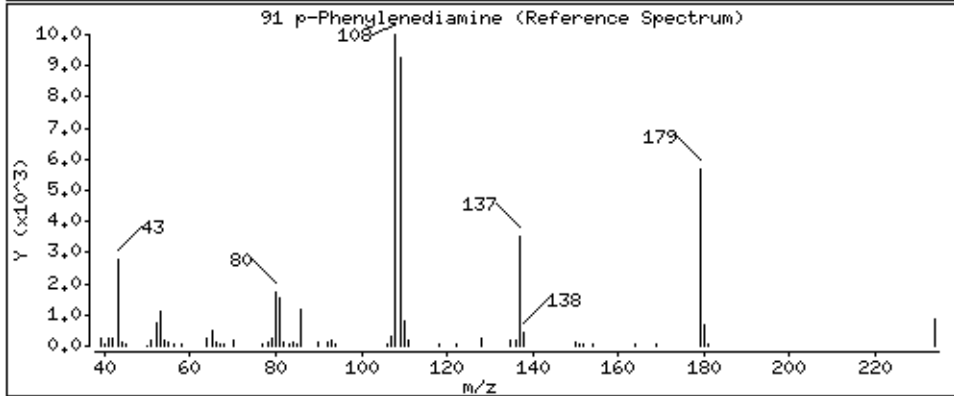
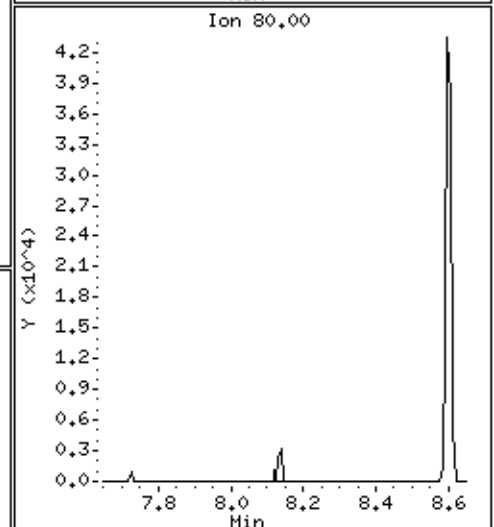
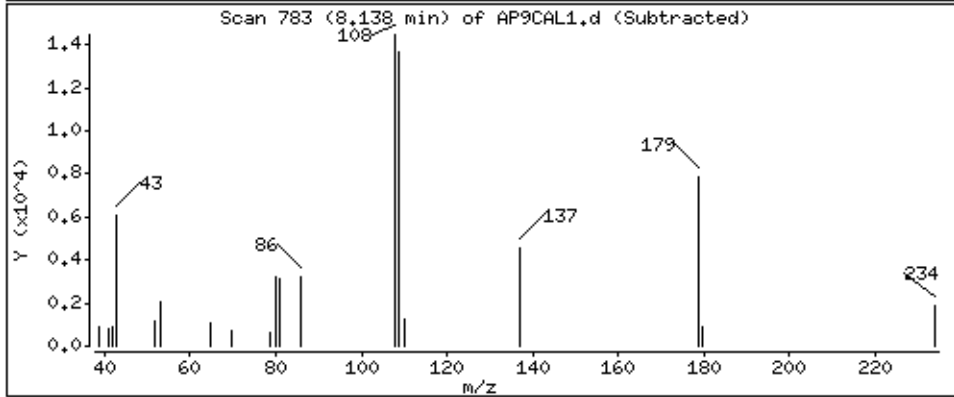
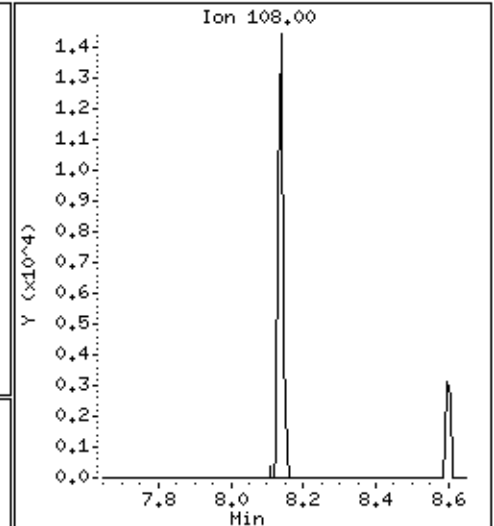
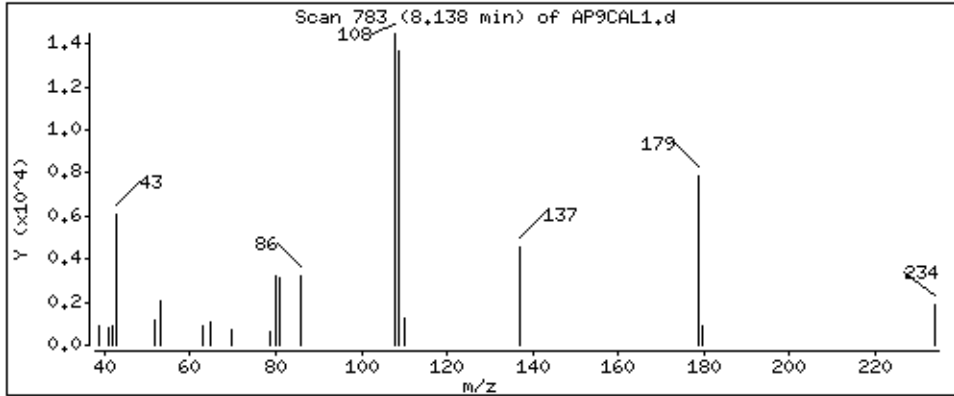
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

91 p-Phenylenediamine

Concentration: 3,3 ug/kg





Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

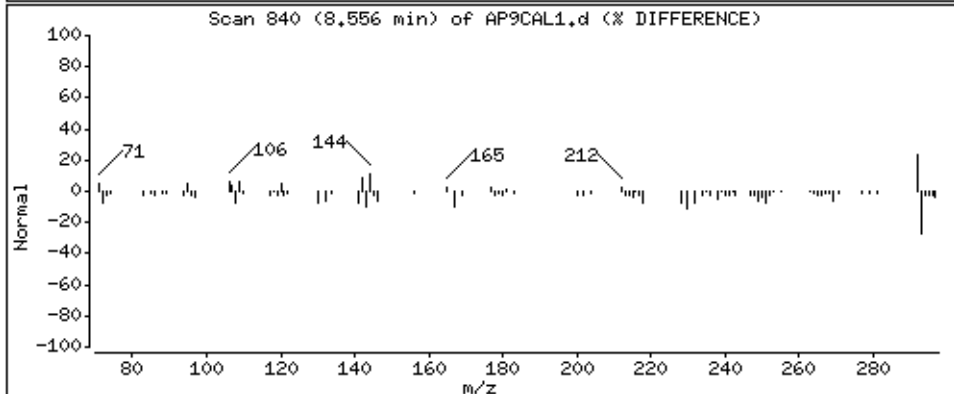
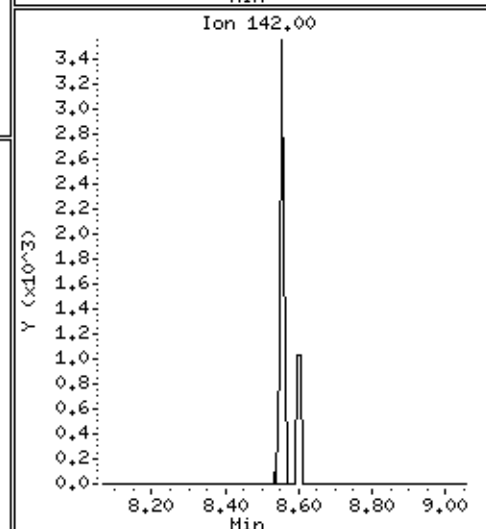
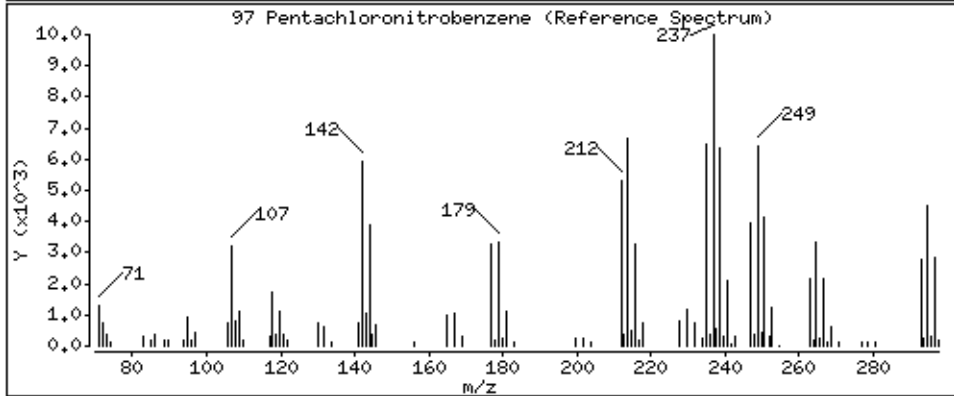
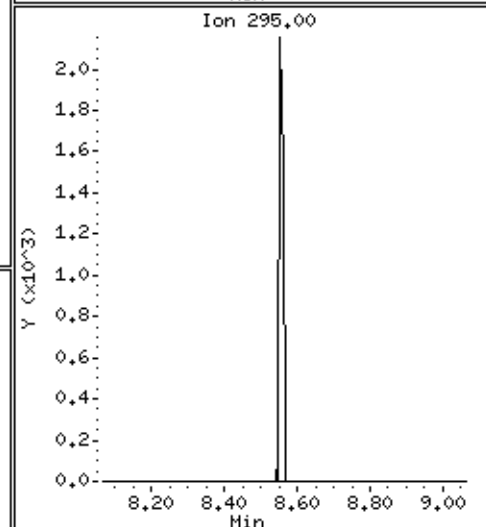
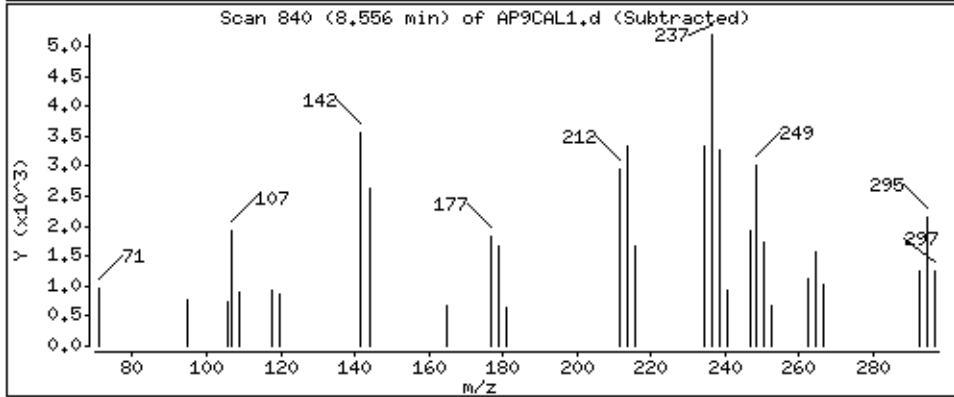
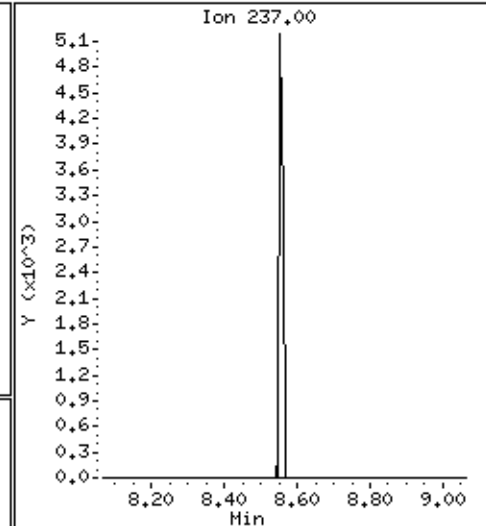
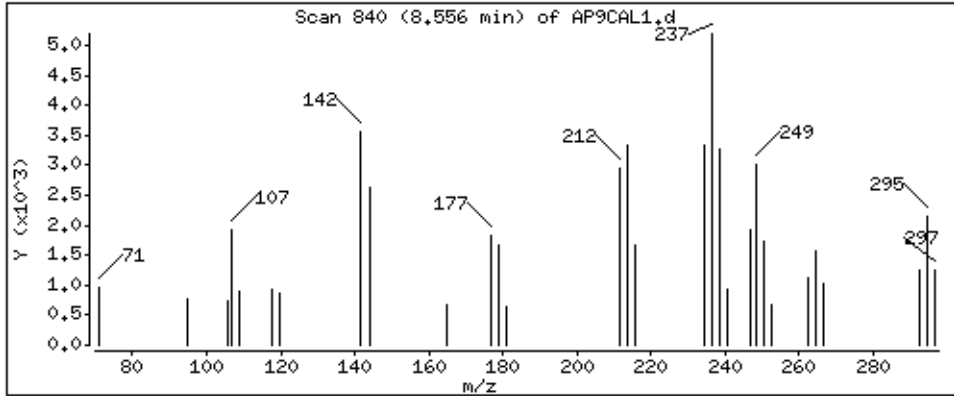
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

97 Pentachloronitrobenzene

Concentration: 3,0 ug/kg



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

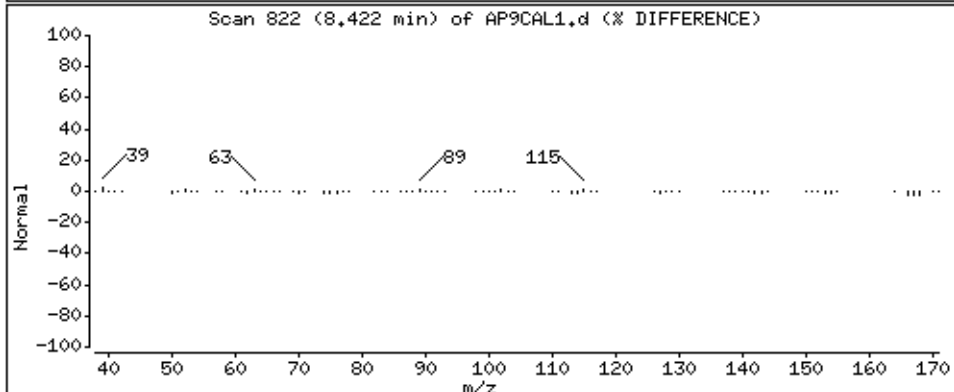
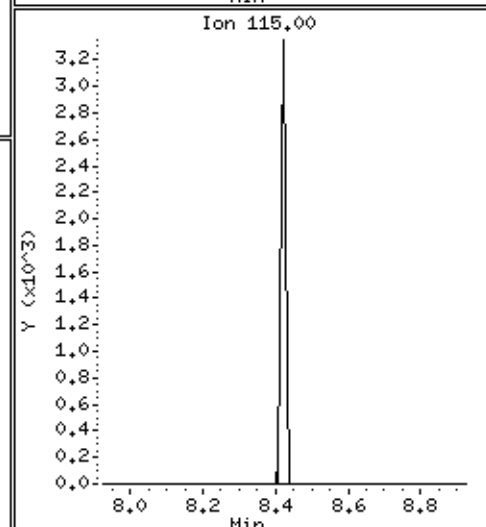
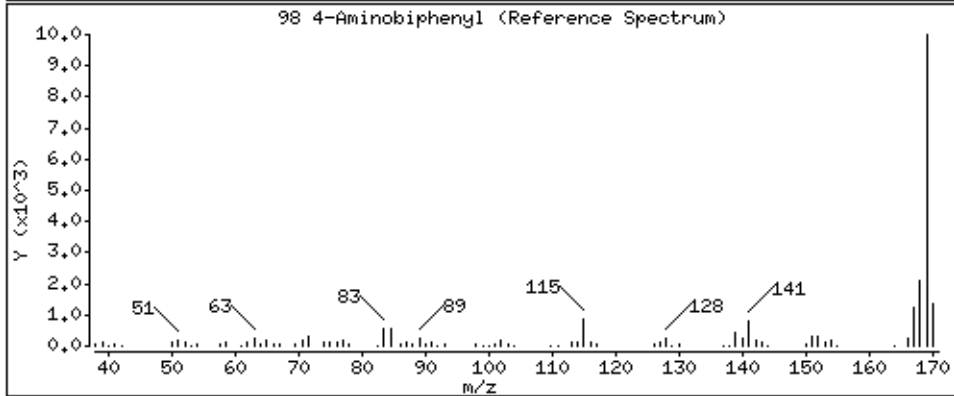
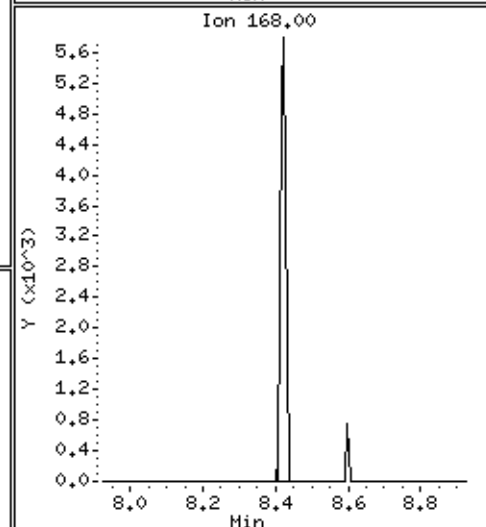
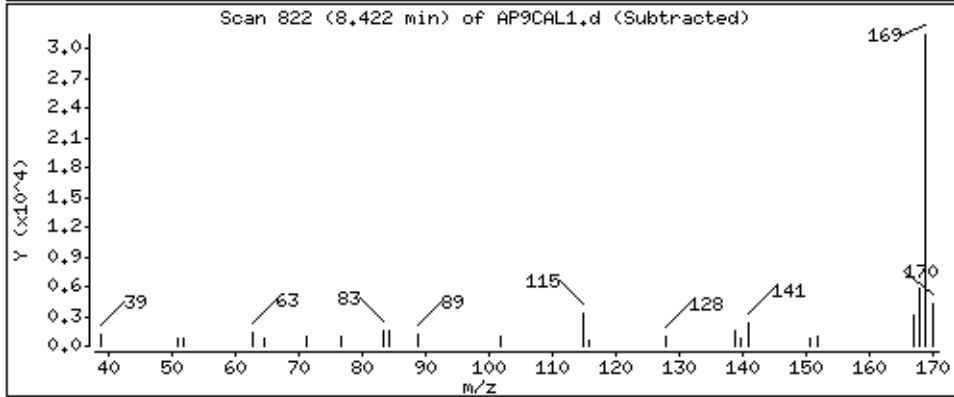
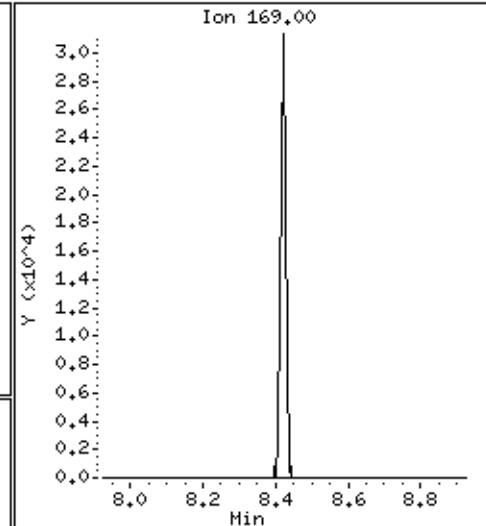
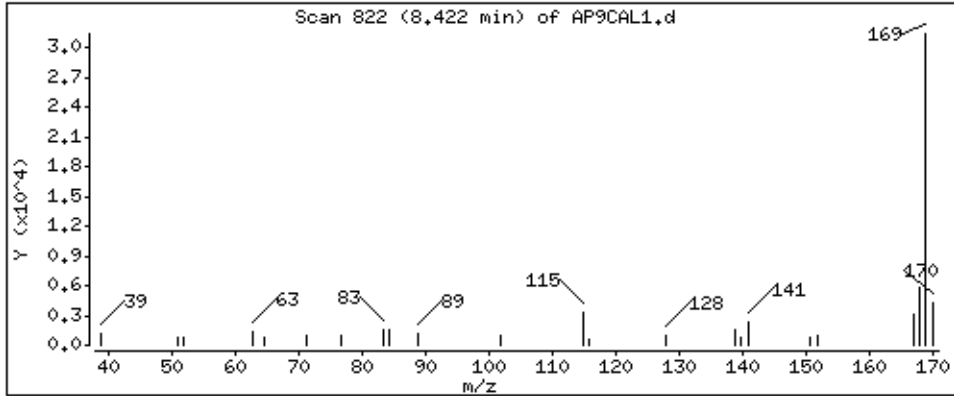
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

98 4-Aminobiphenyl

Concentration: 3,8 ug/kg



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

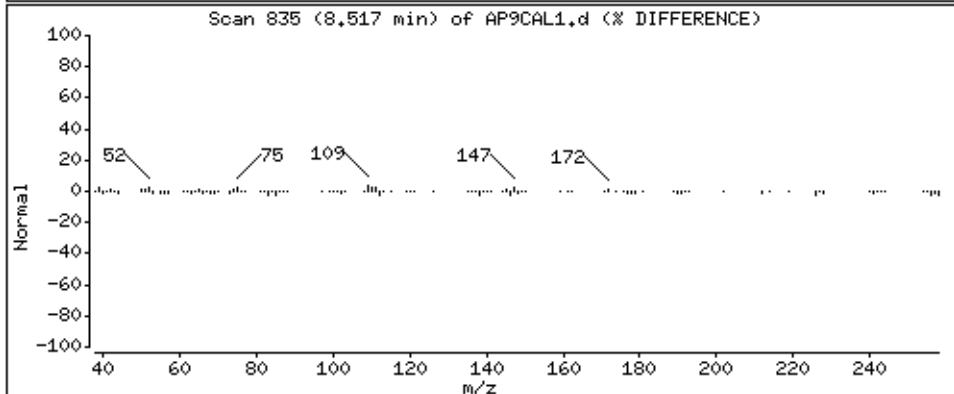
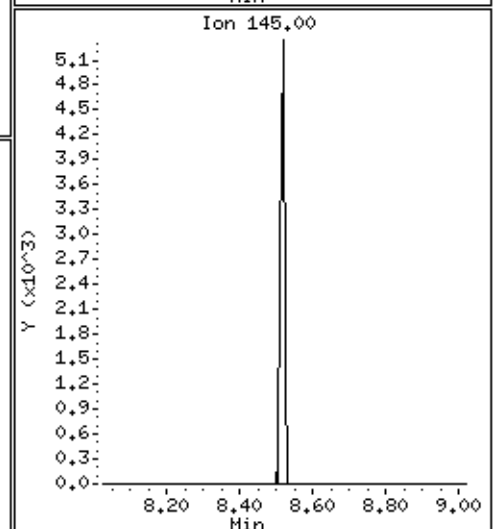
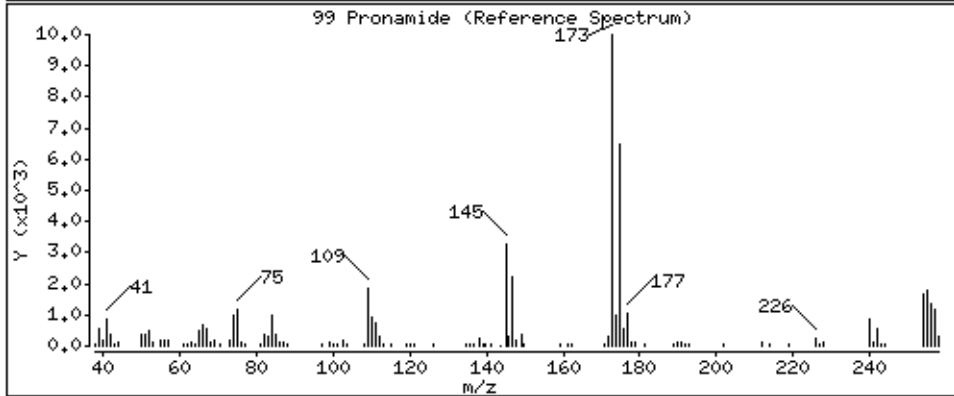
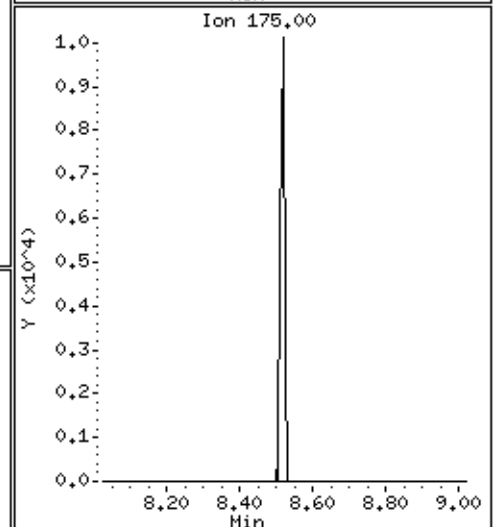
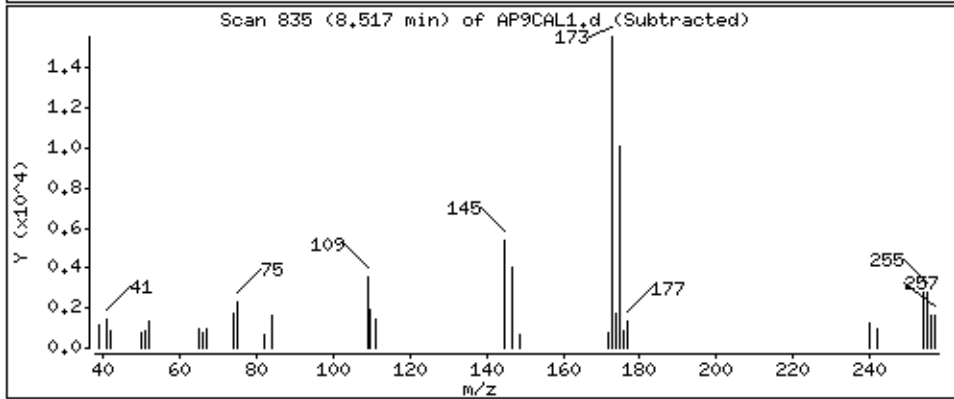
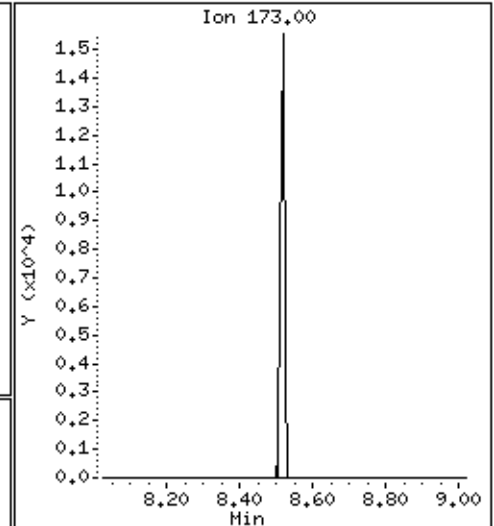
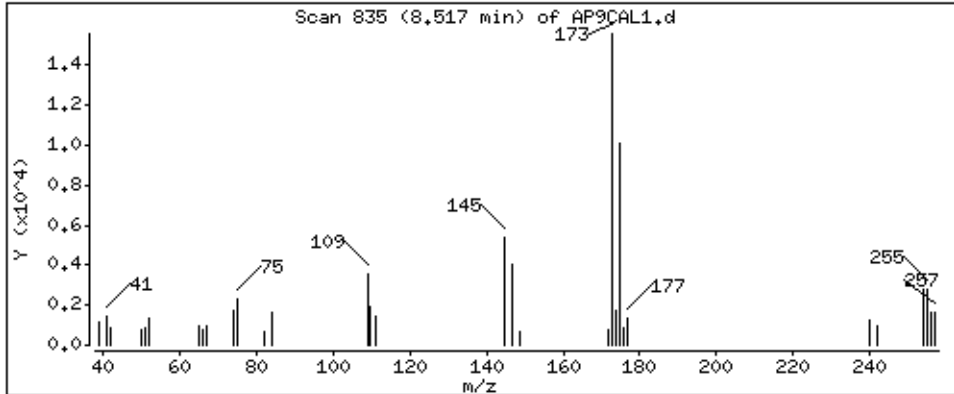
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

99 Pronamide

Concentration: 3,3 ug/kg



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

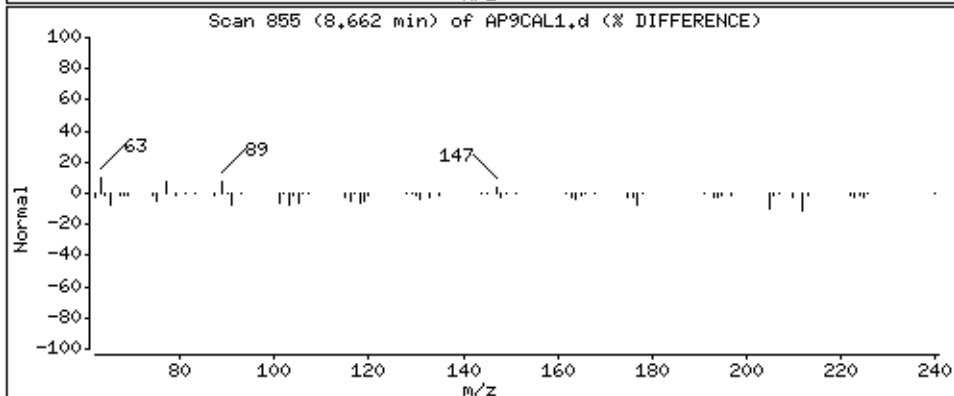
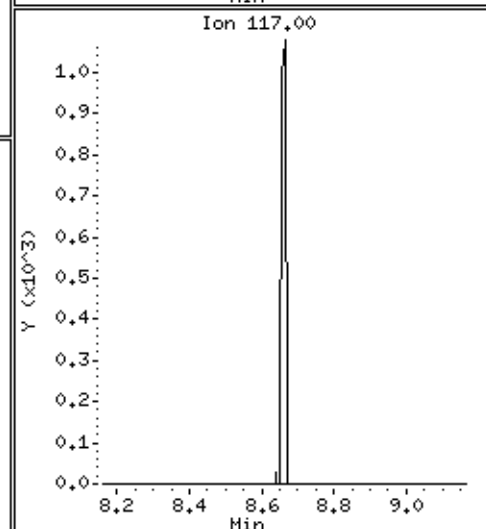
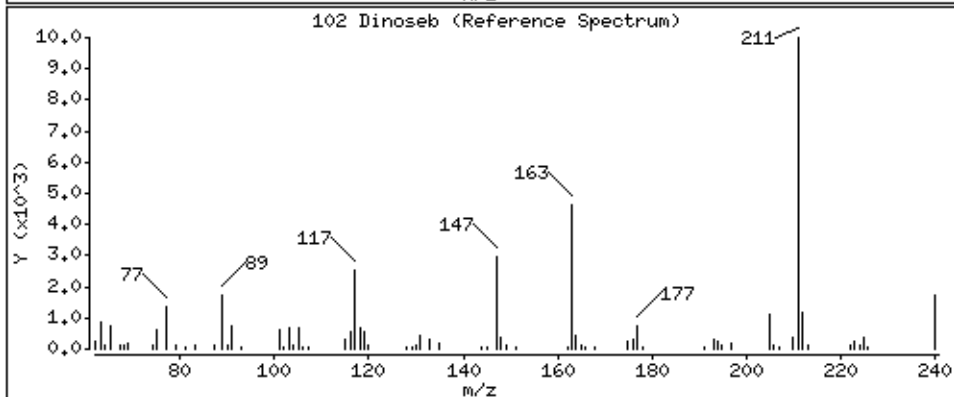
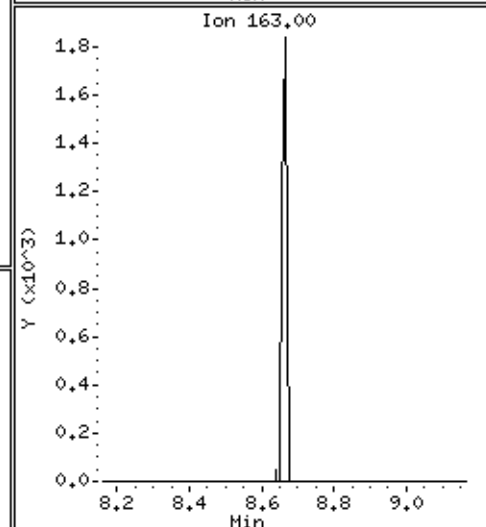
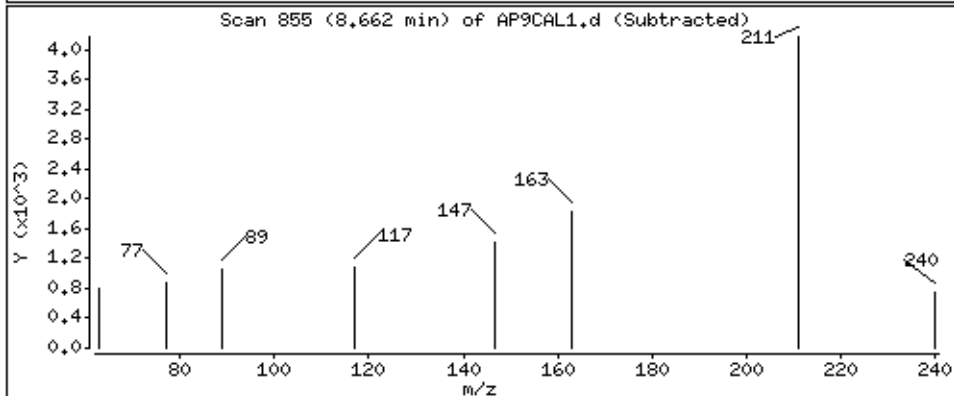
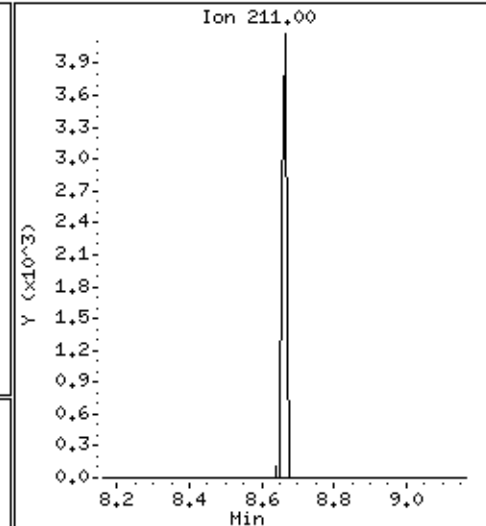
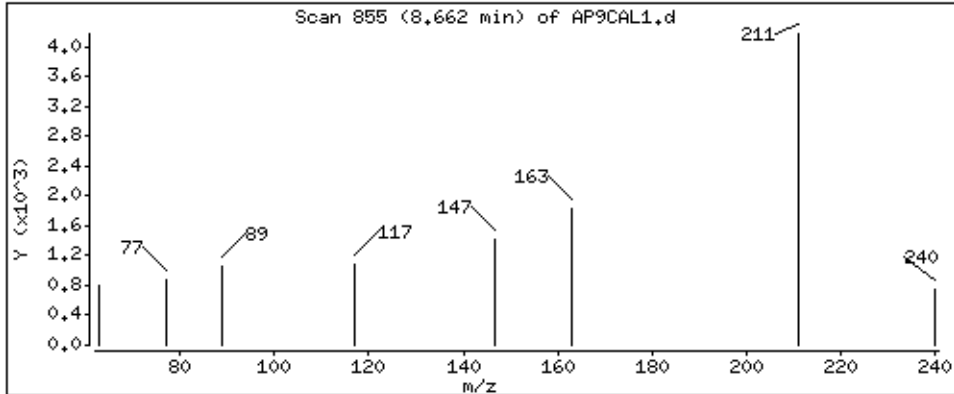
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

102 Dinoseb

Concentration: 6,0 ug/kg



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

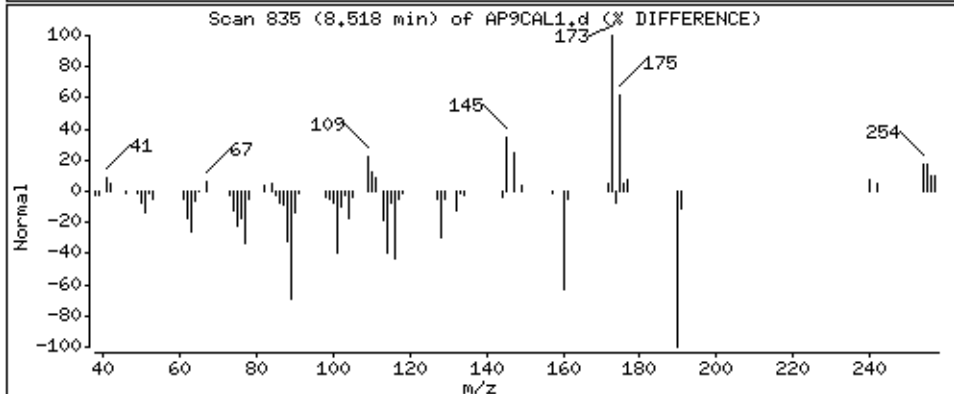
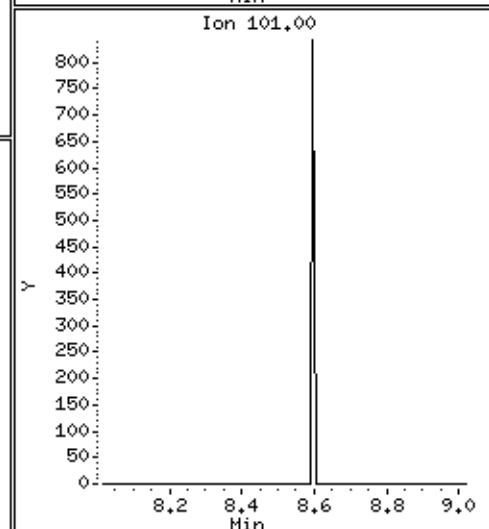
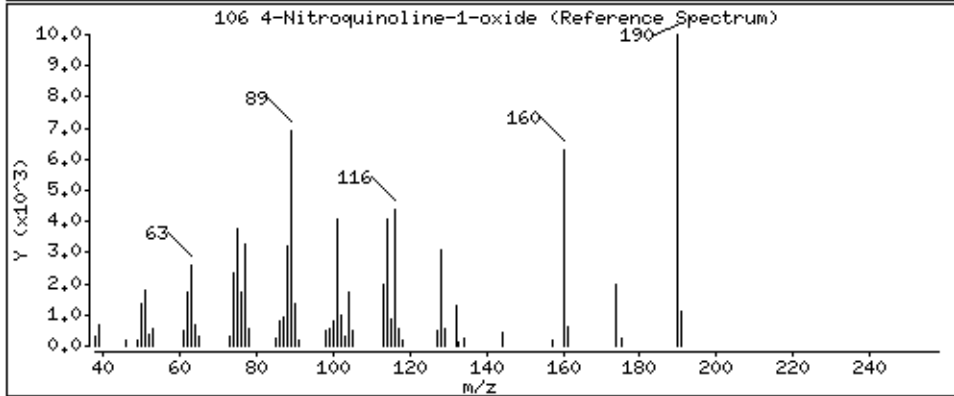
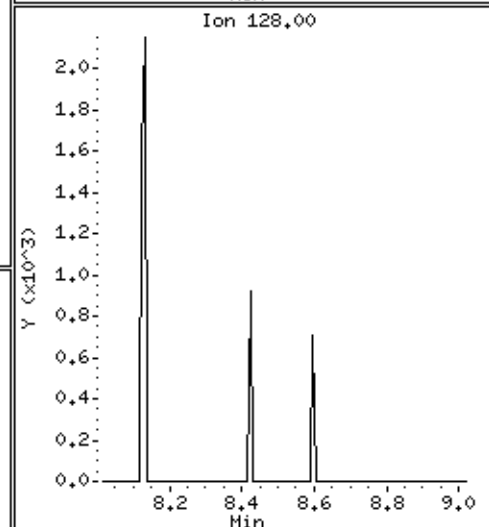
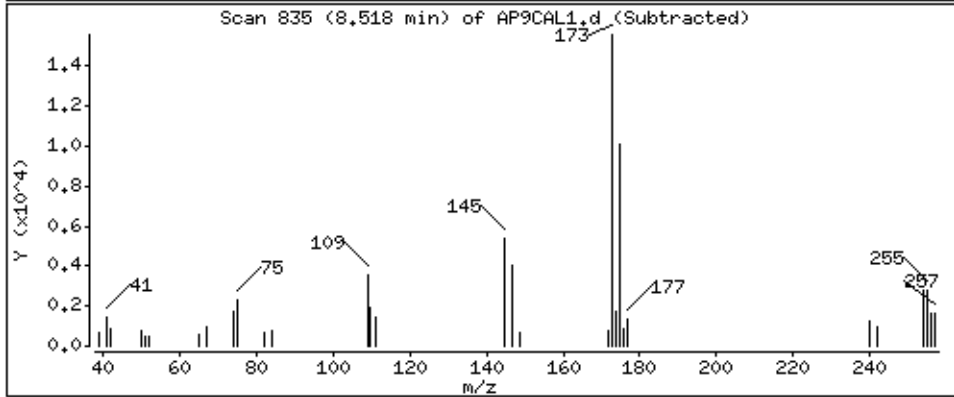
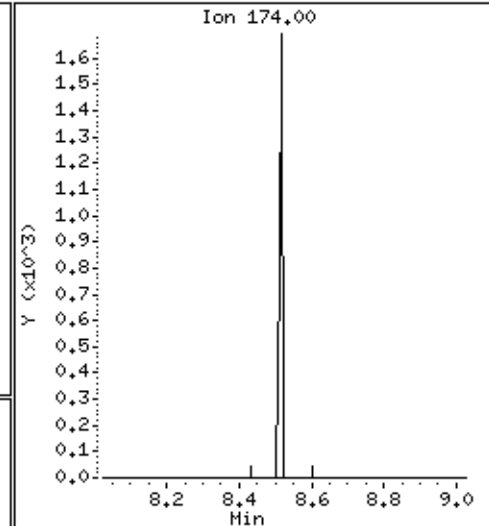
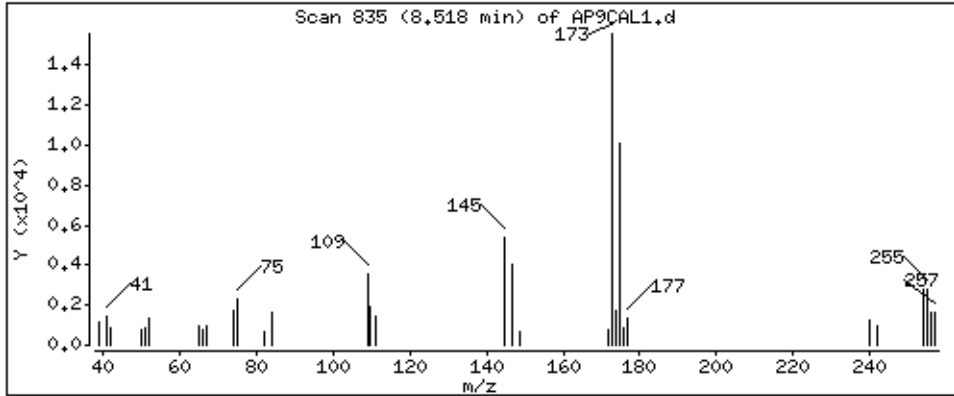
Operator: MJ

Column phase: HPMS-5

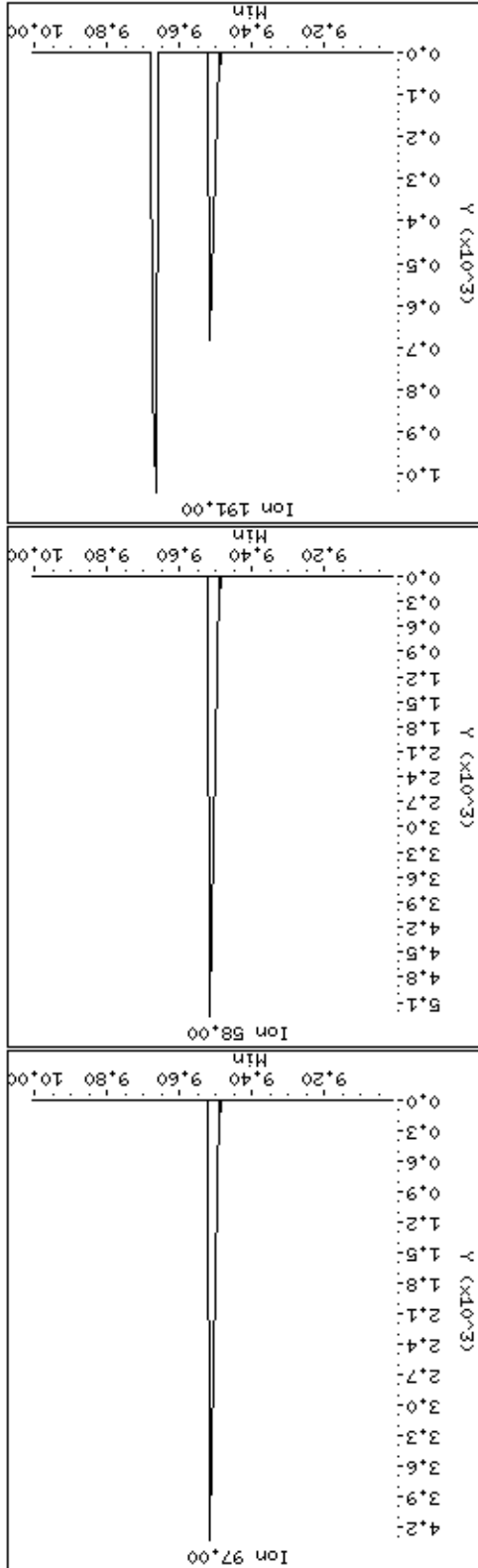
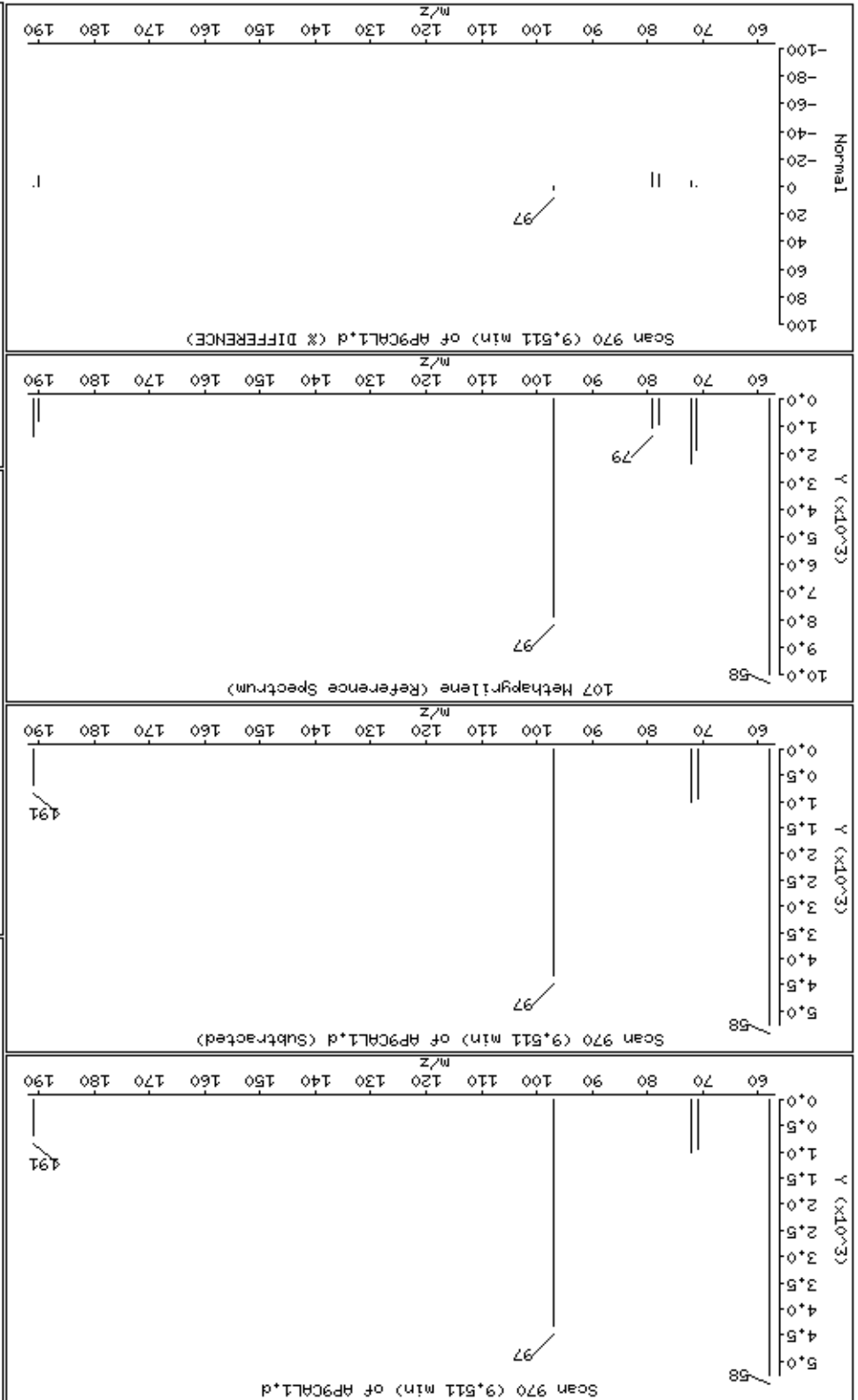
Column diameter: 0,25

106 4-Nitroquinoline-1-oxide

Concentration: 3,1 ug/kg



107 Methapyriene



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

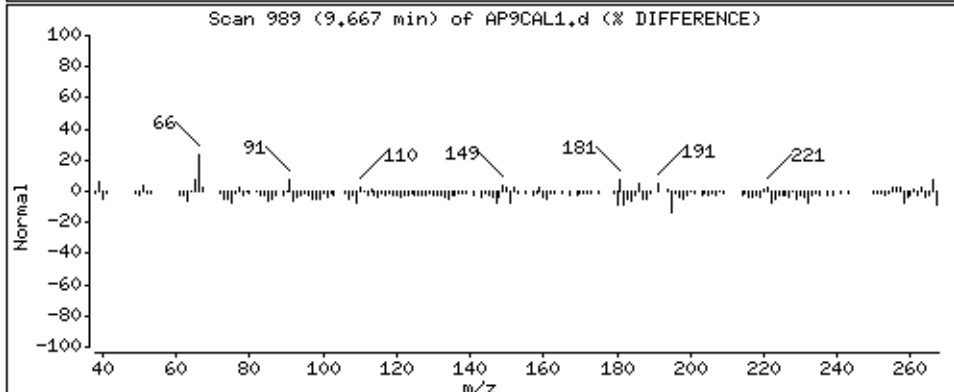
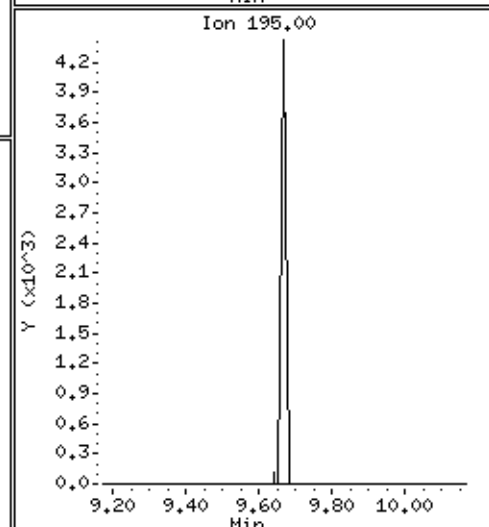
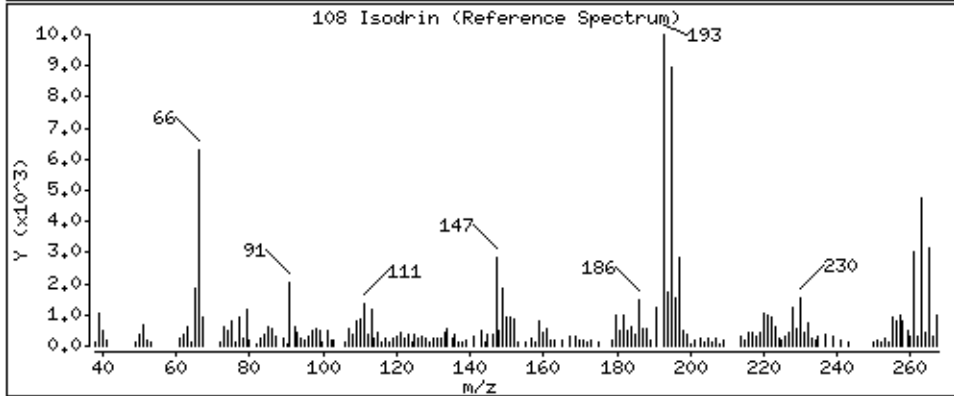
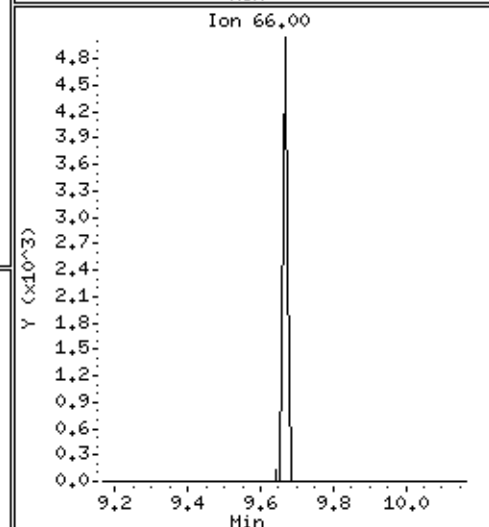
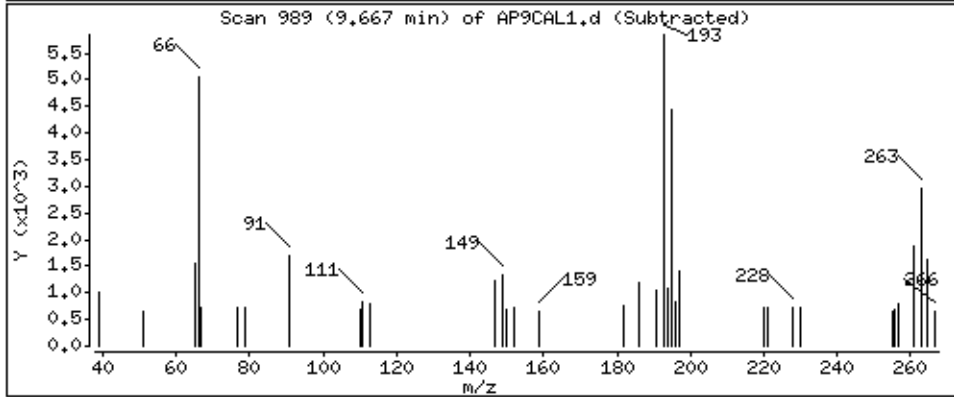
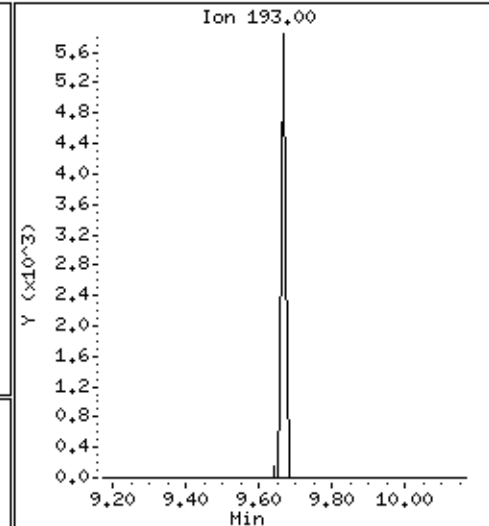
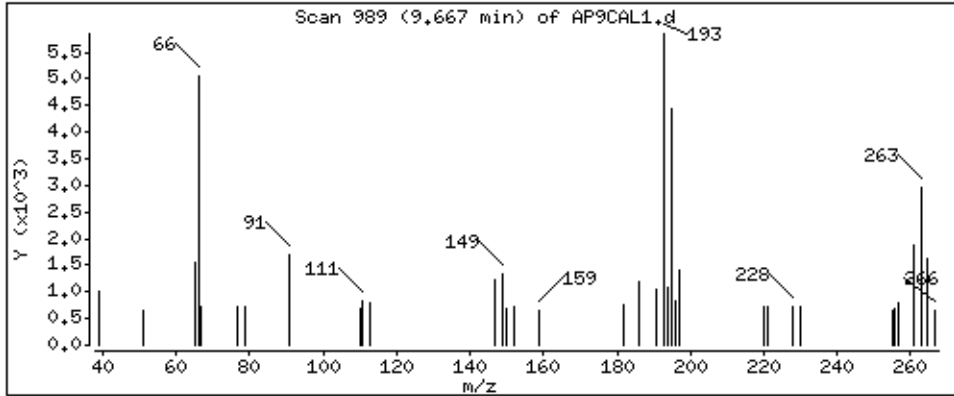
Operator: MJ

Column phase: HPMS-5

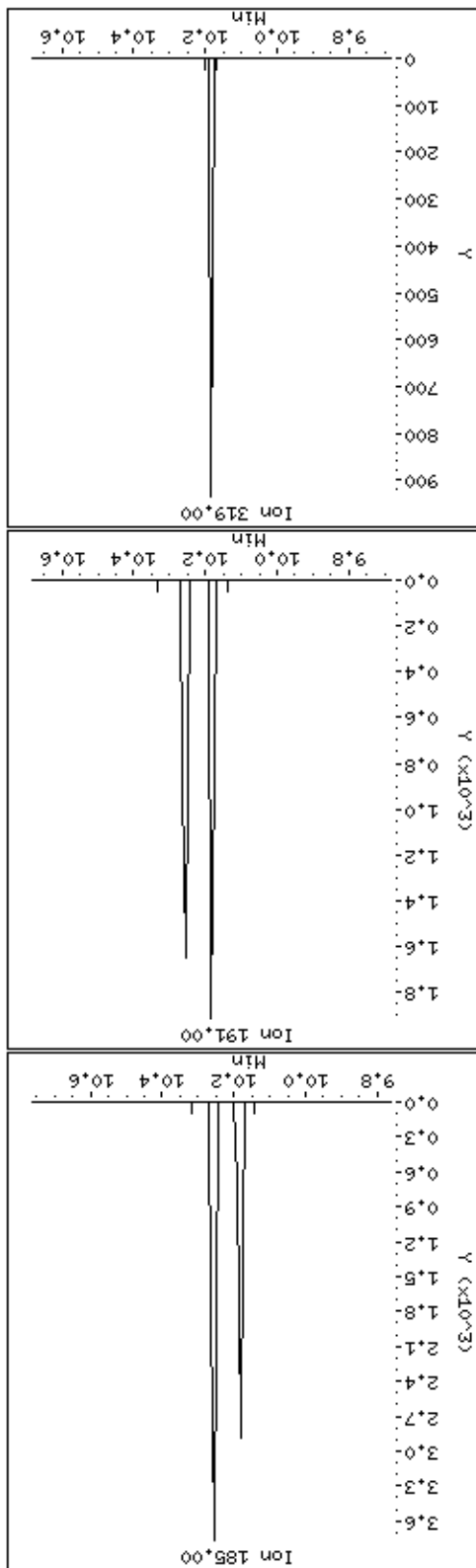
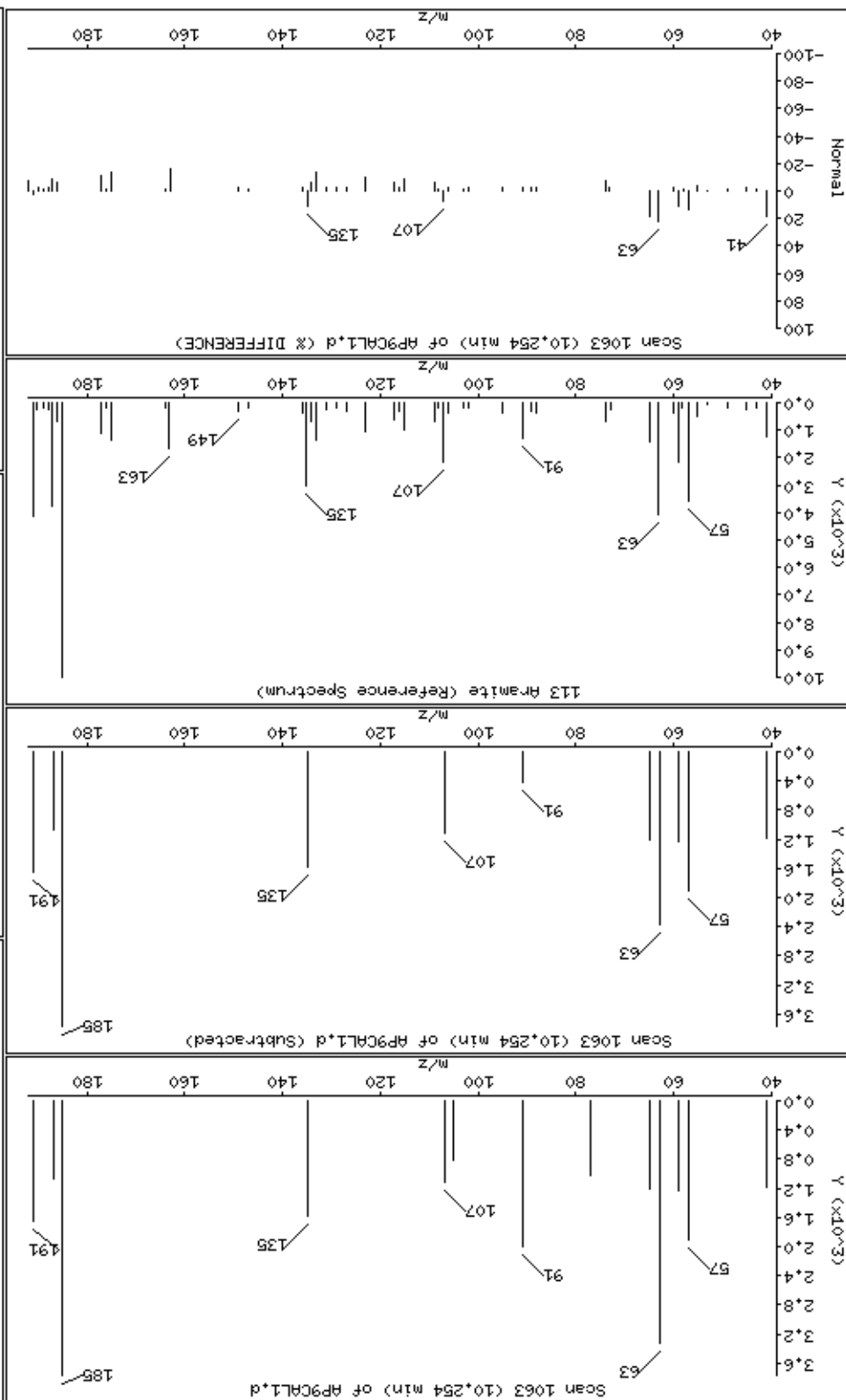
Column diameter: 0,25

108 Isodrin

Concentration: 3,6 ug/kg



113 Aramite





Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

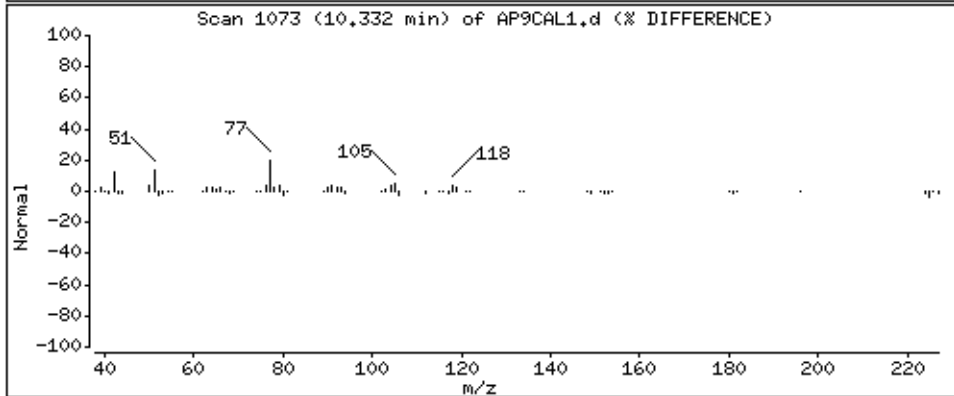
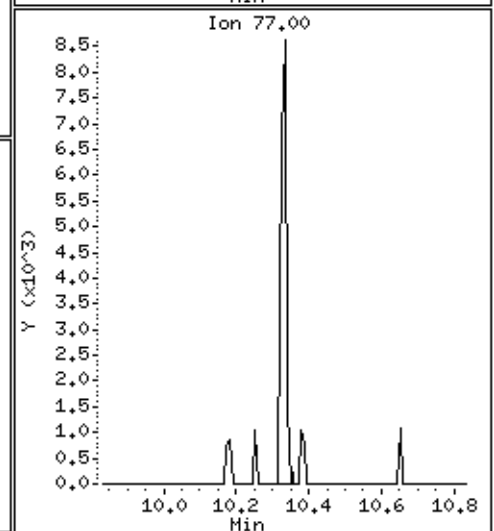
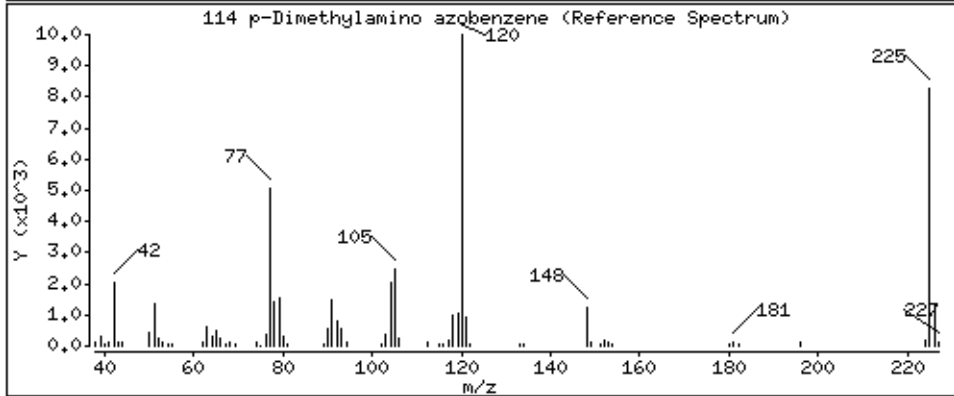
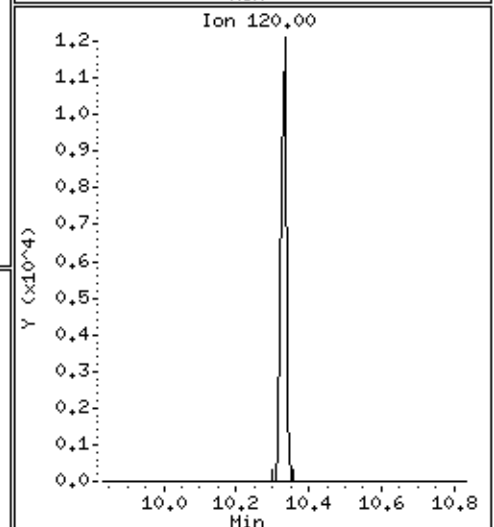
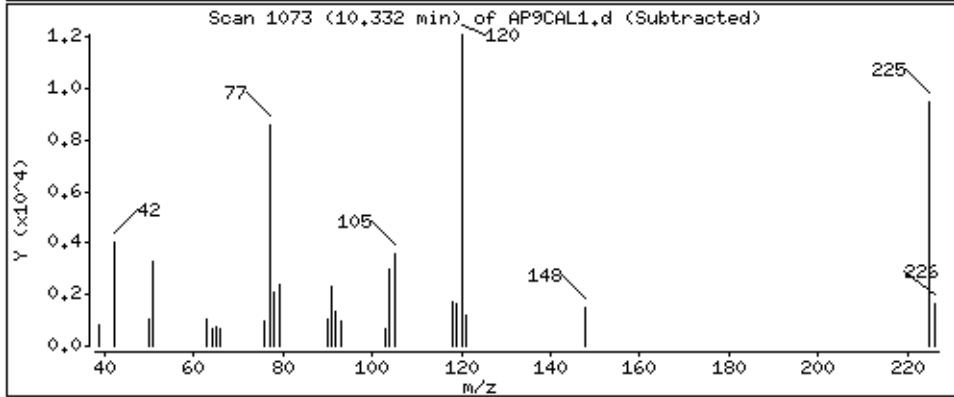
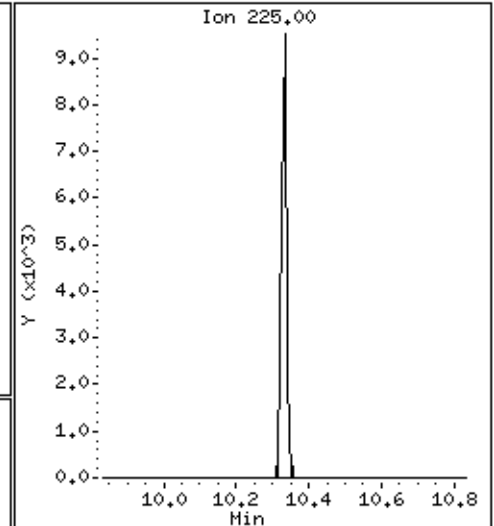
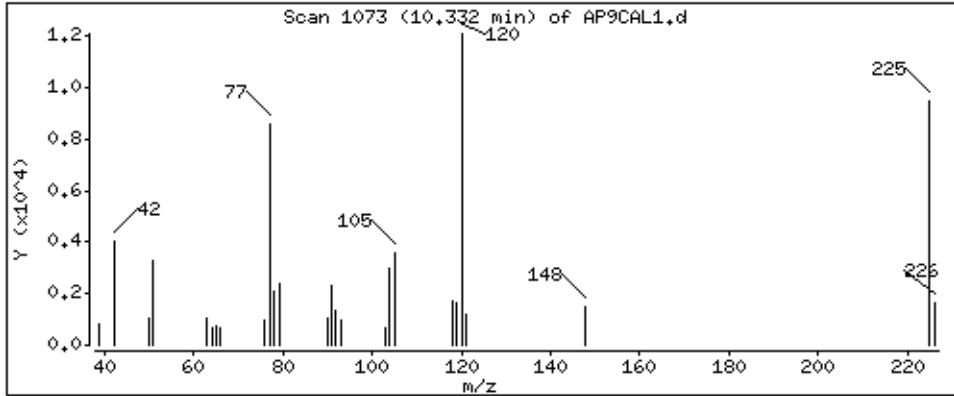
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

114 p-Dimethylamino azobenzene

Concentration: 3,3 ug/kg



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

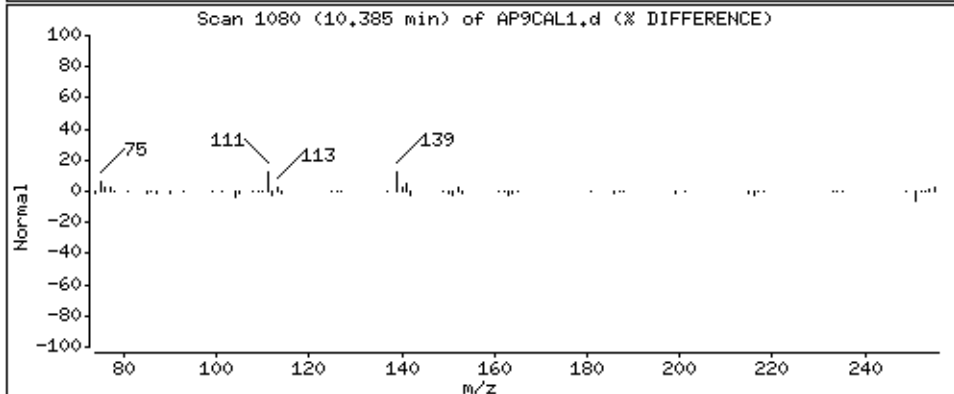
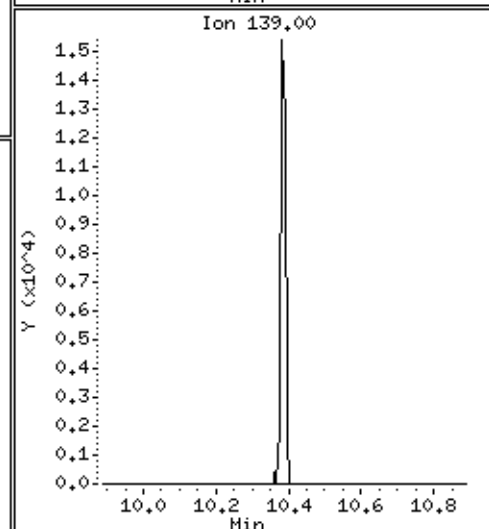
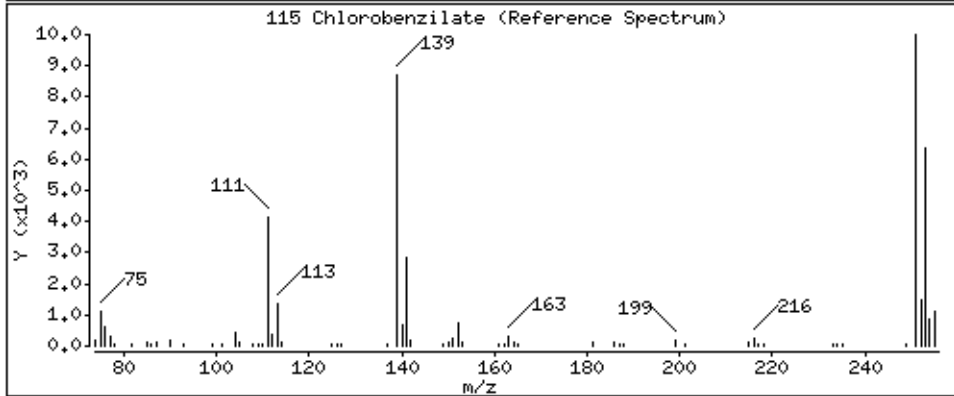
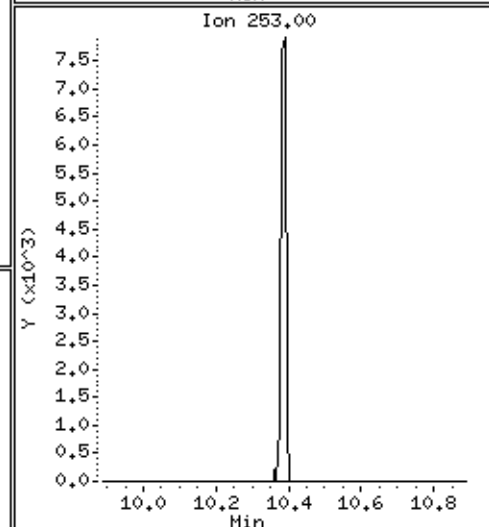
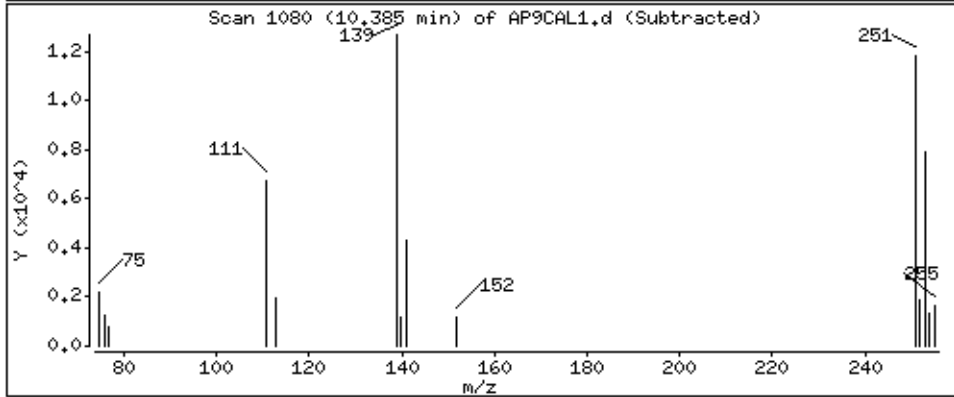
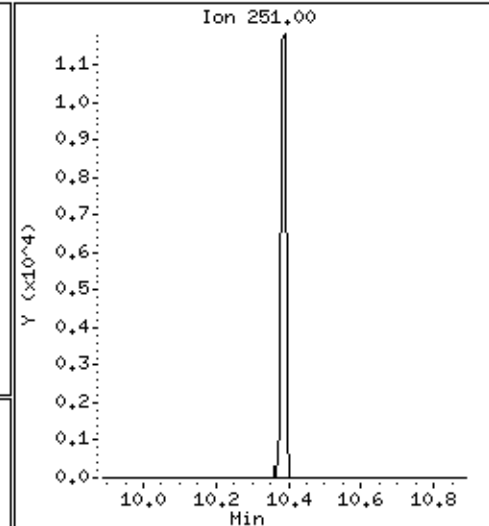
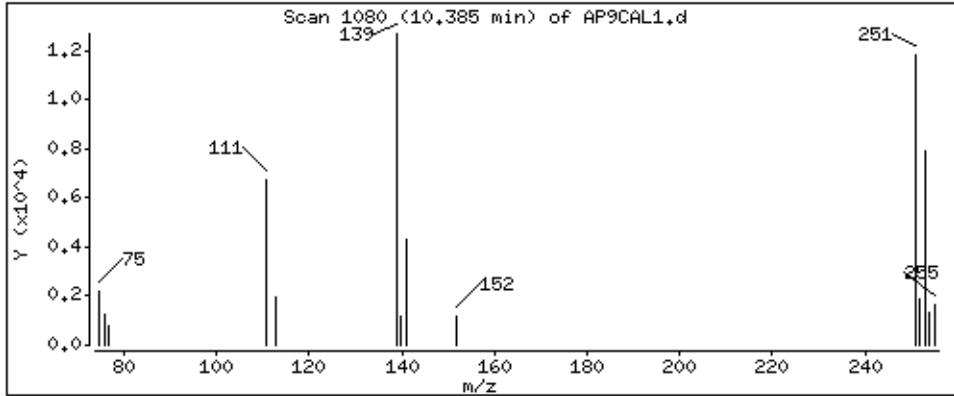
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

115 Chlorobenzilate

Concentration: 3,5 ug/kg



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

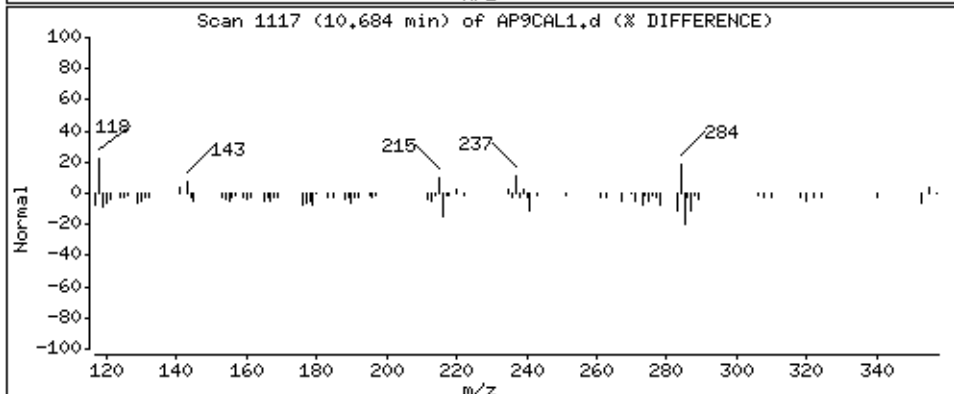
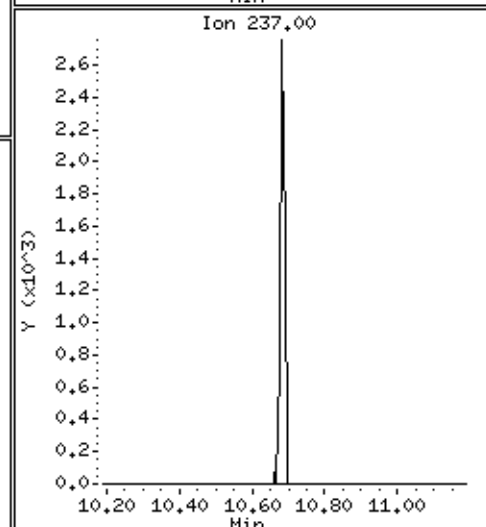
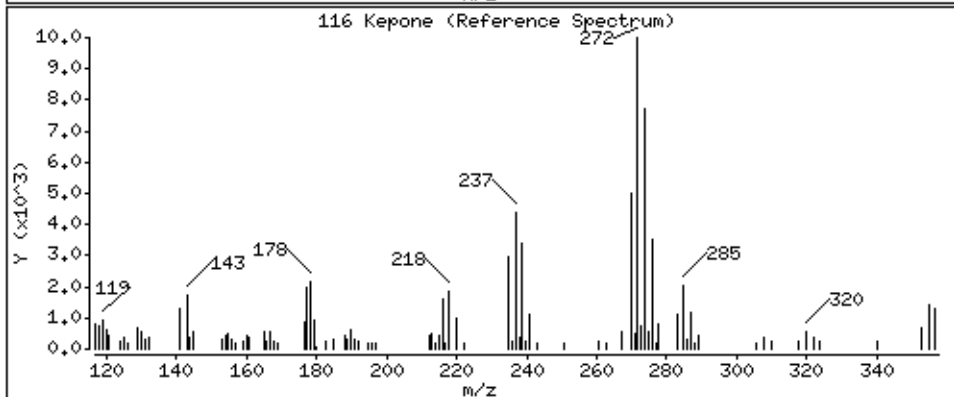
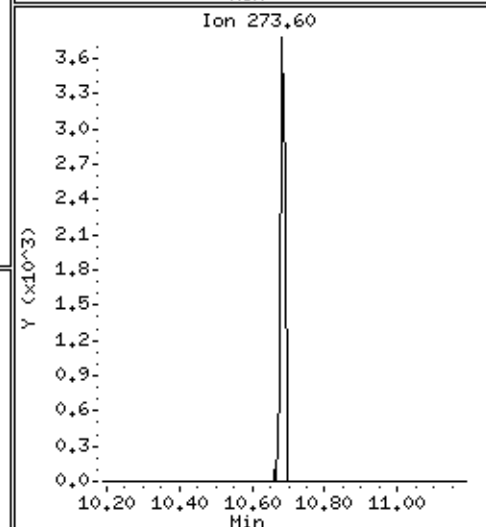
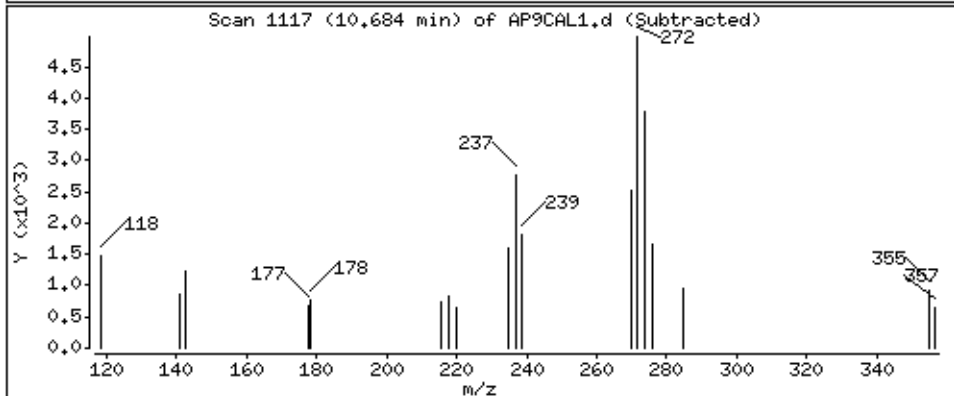
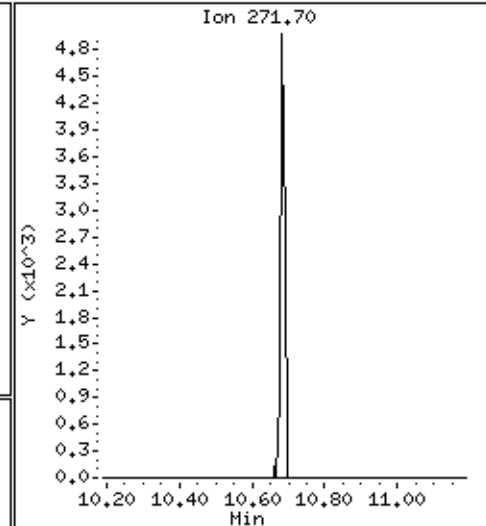
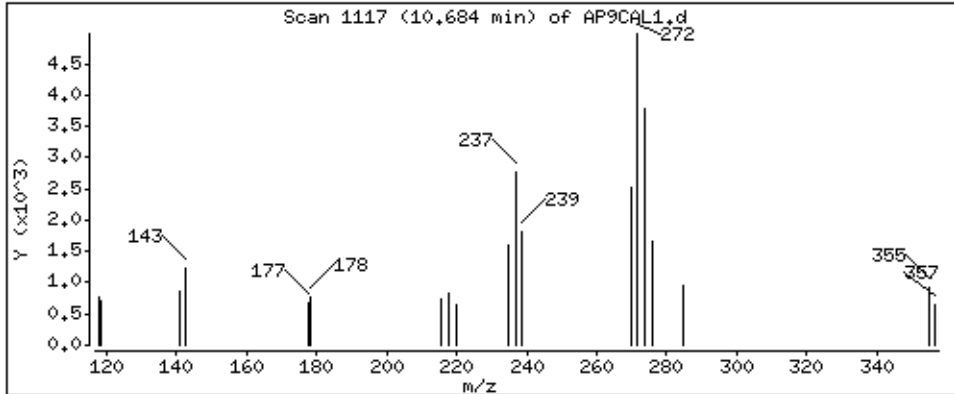
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

116 Kepone

Concentration: 4,0 ug/kg



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

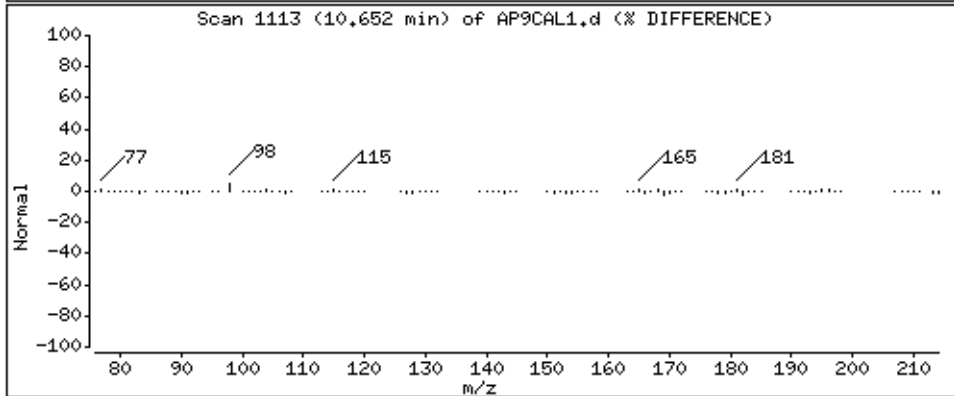
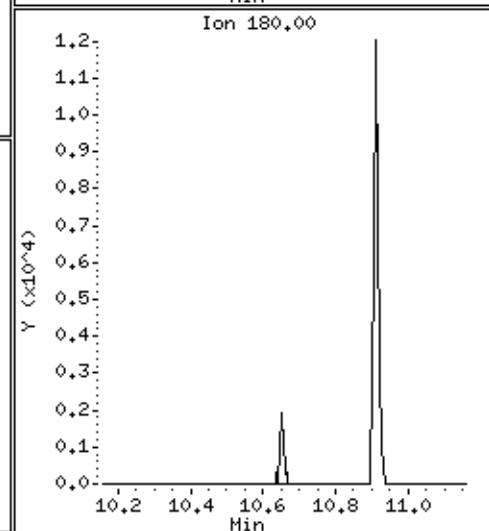
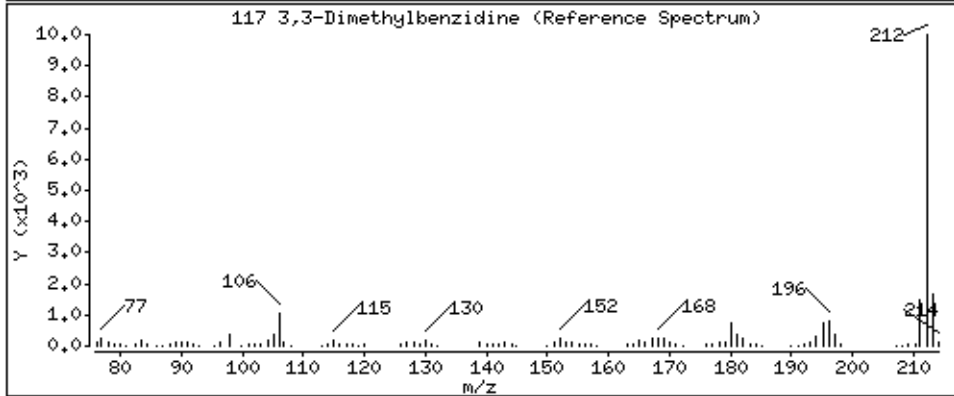
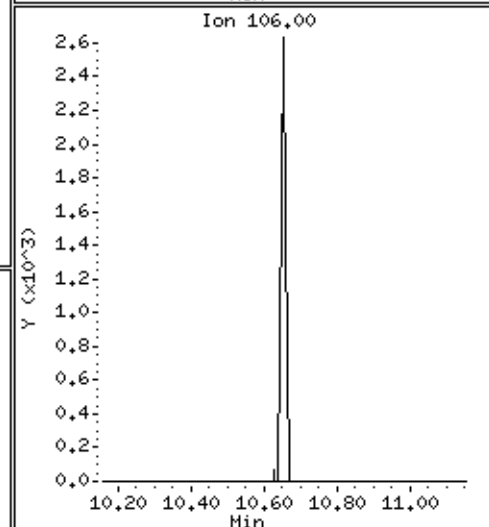
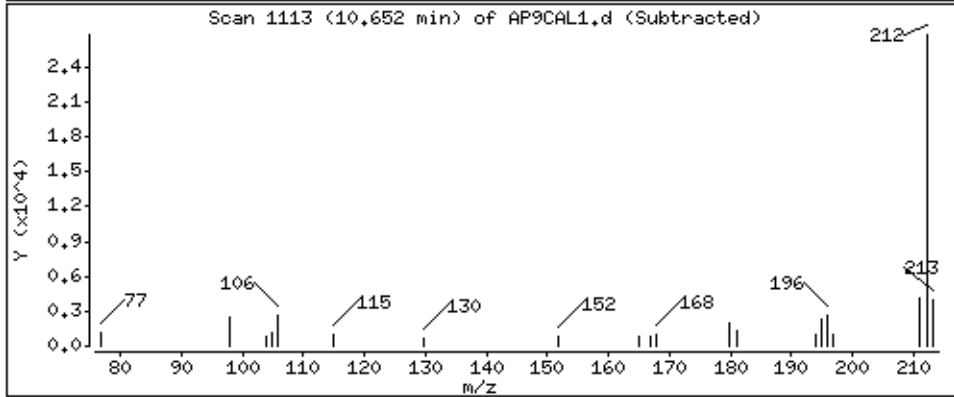
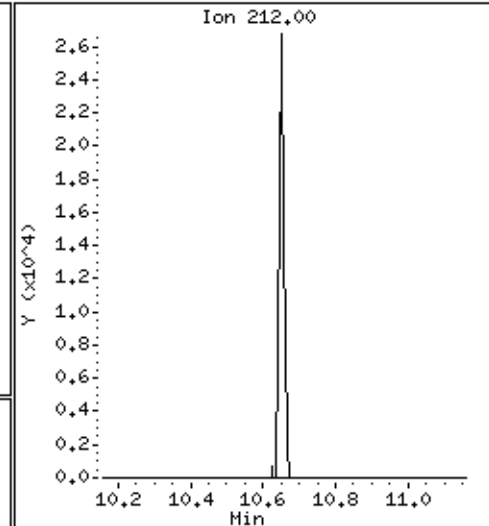
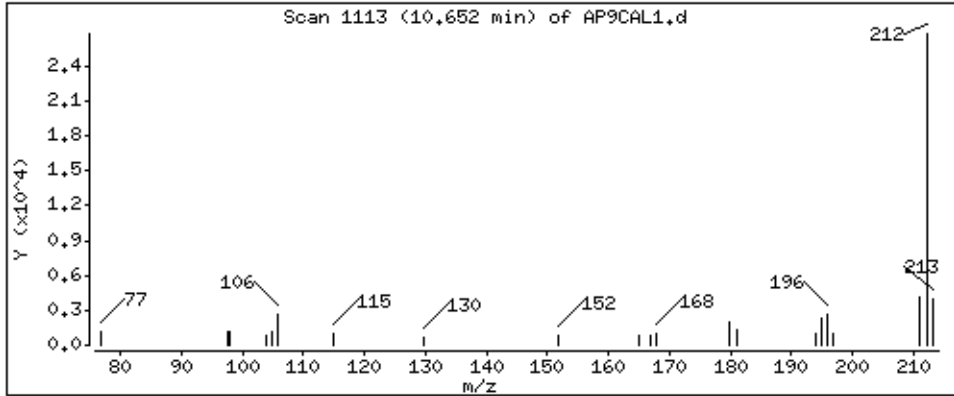
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

117 3,3-Dimethylbenzidine

Concentration: 3,8 ug/kg



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

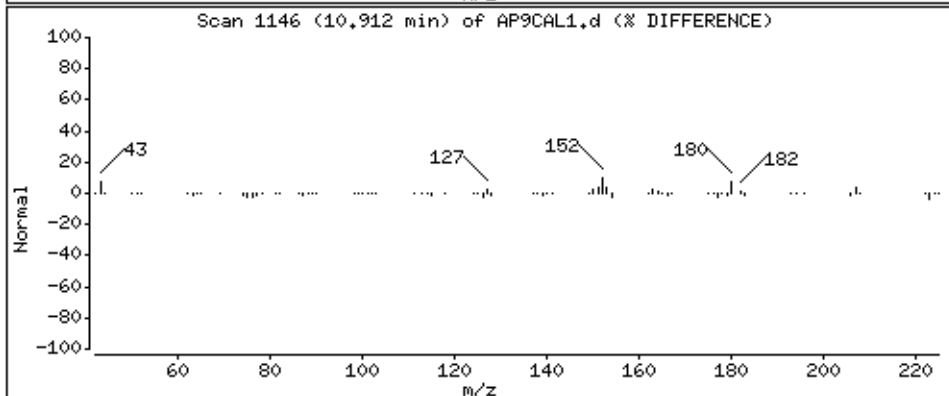
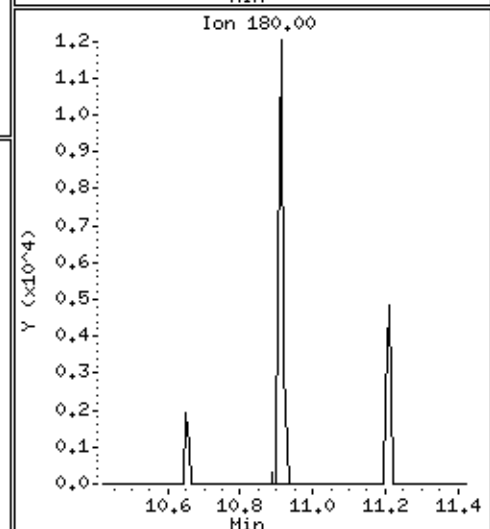
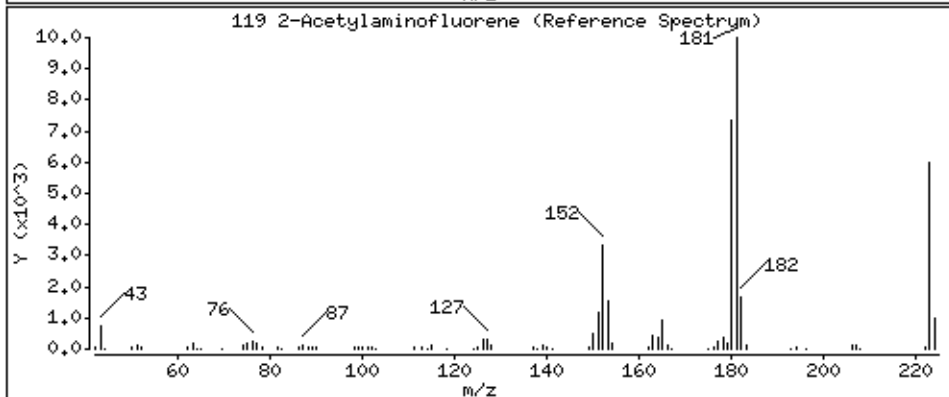
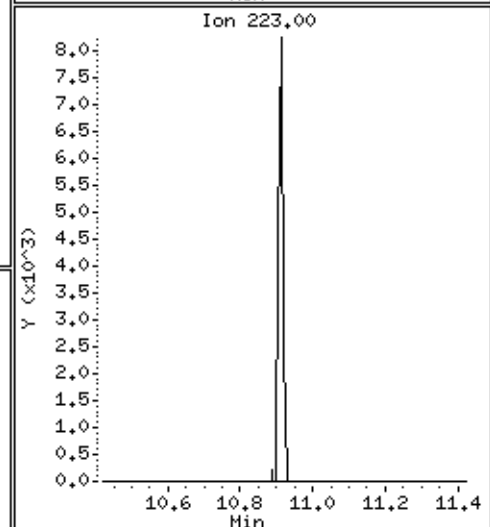
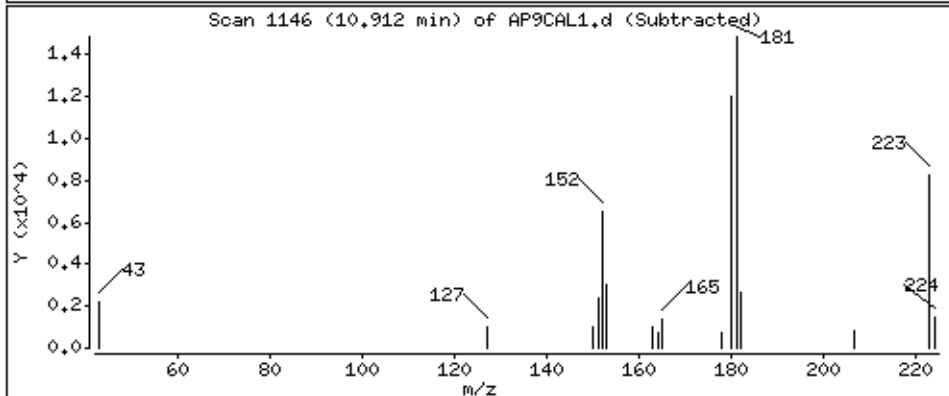
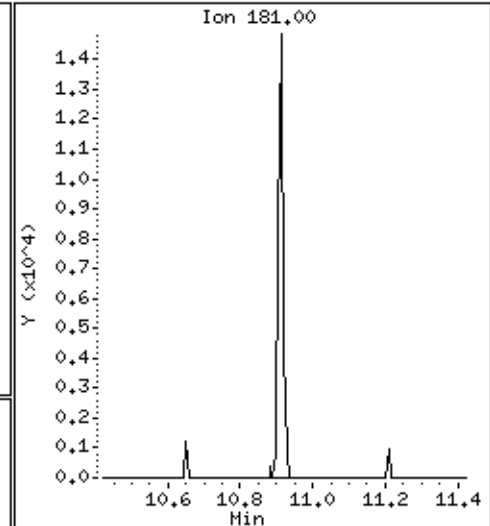
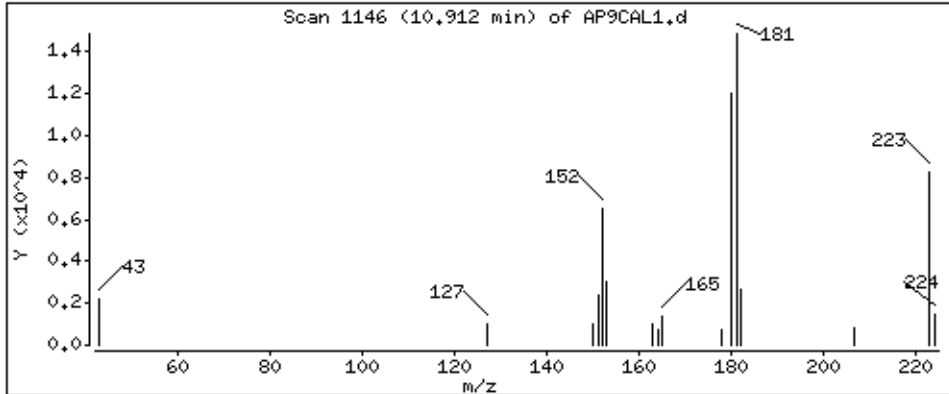
Operator: MJ

Column phase: HPMS-5

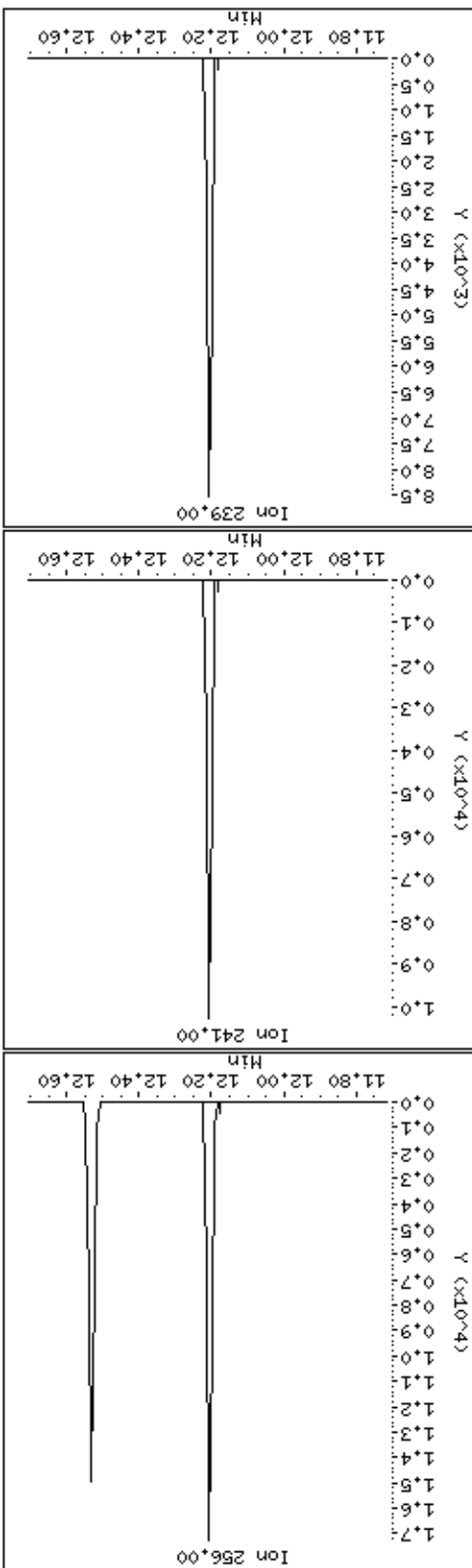
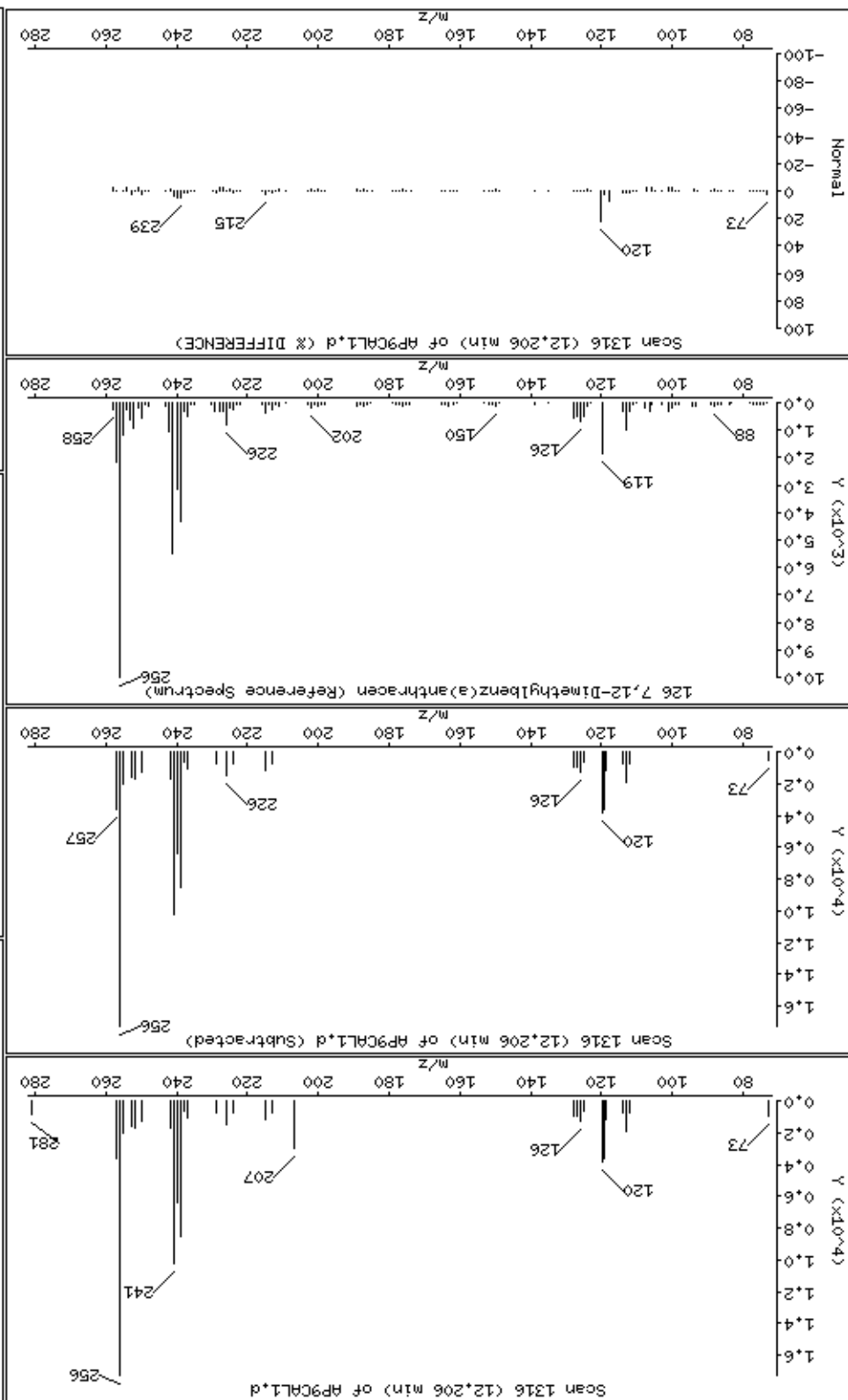
Column diameter: 0,25

119 2-Acetylaminofluorene

Concentration: 5,4 ug/kg



126 7,12-Dimethylbenz(a)anthracen



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

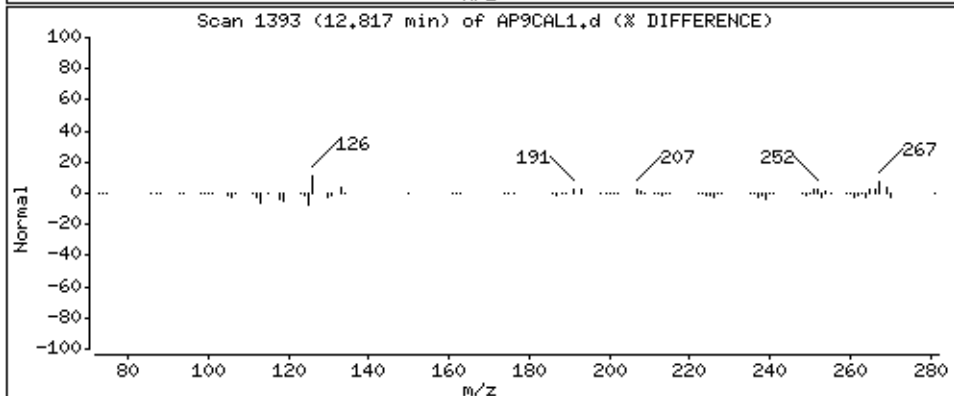
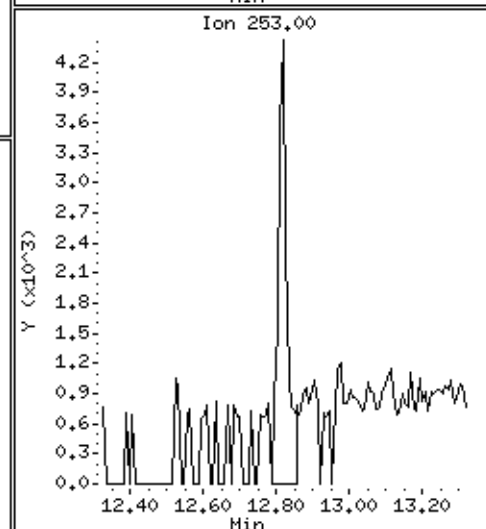
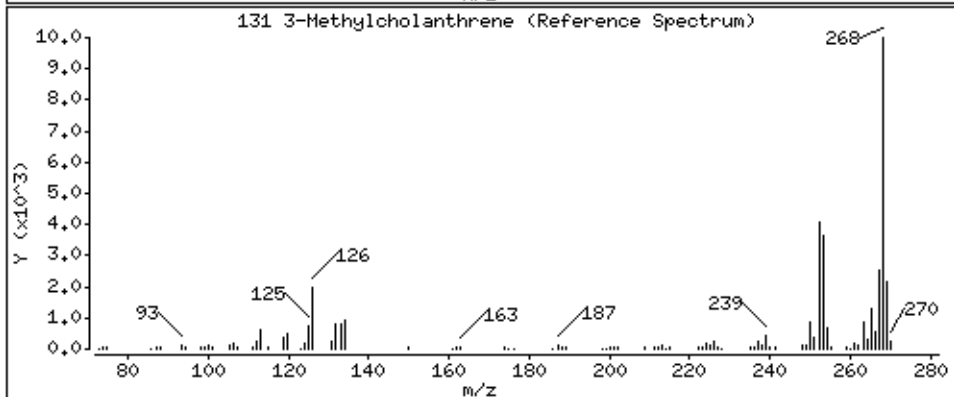
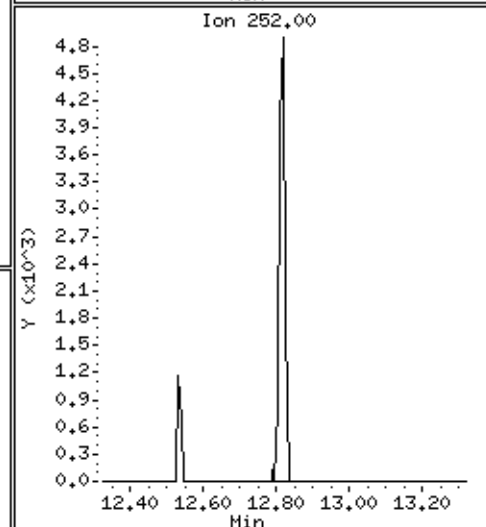
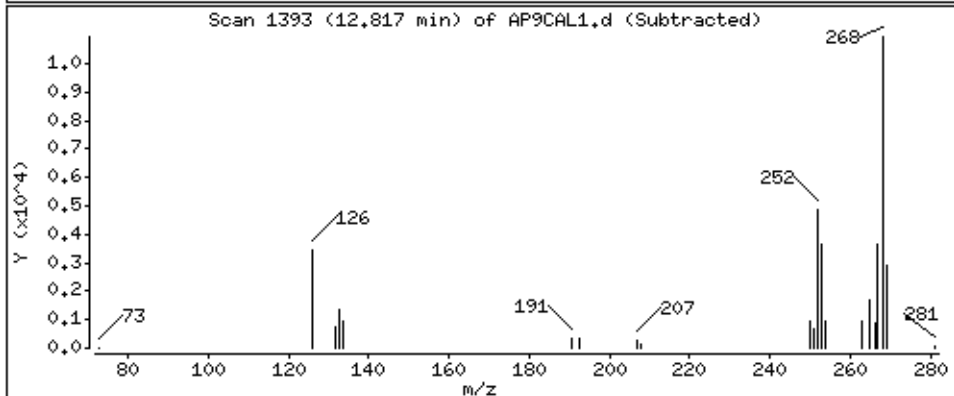
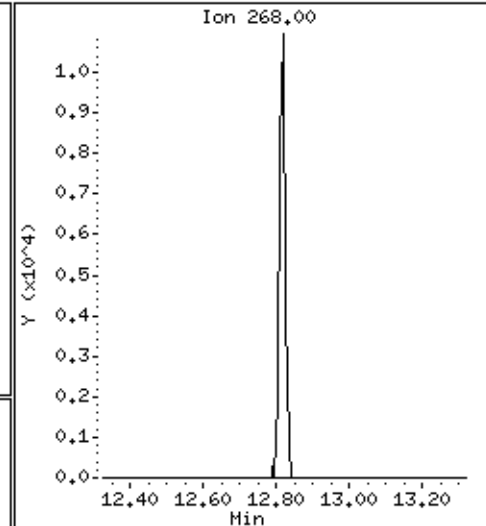
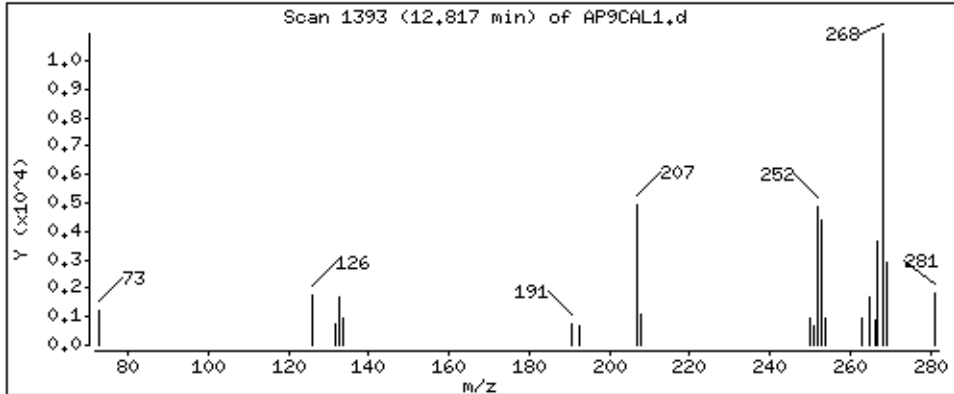
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

131 3-Methylcholanthrene

Concentration: 3,5 ug/kg



Date : 15-NOV-2012 11:30

Client ID: AP9CAL1

Instrument: smsd04.i

Sample Info: 47939

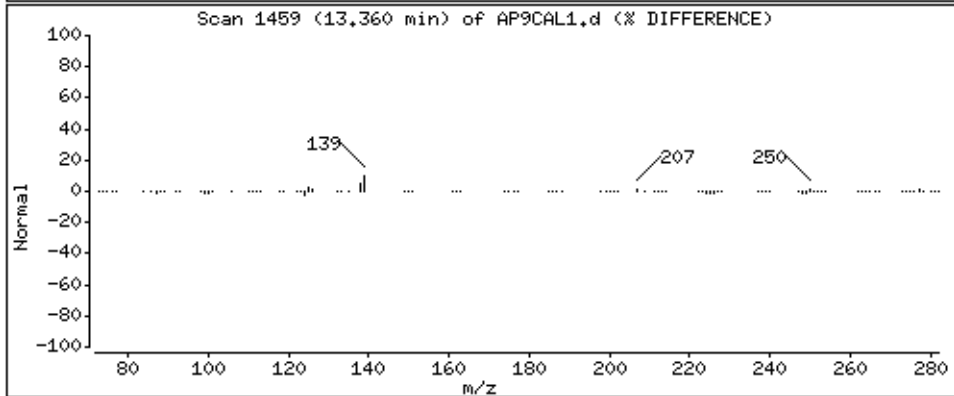
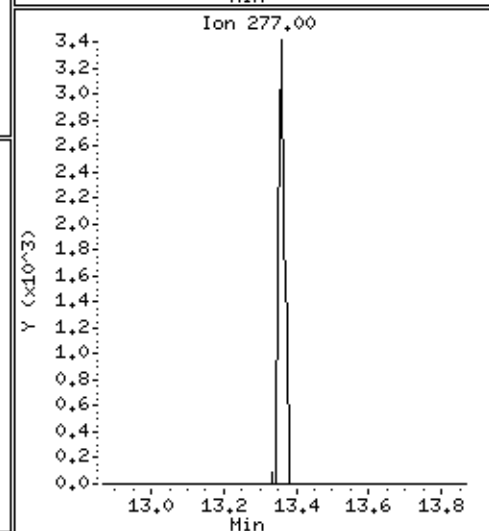
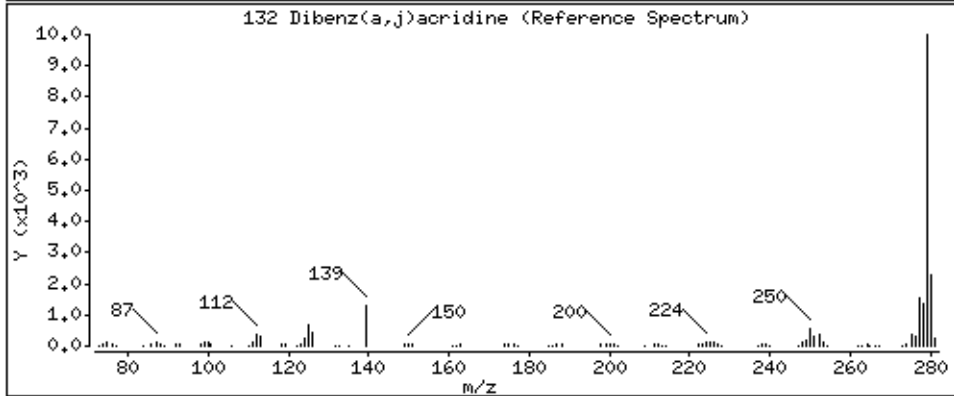
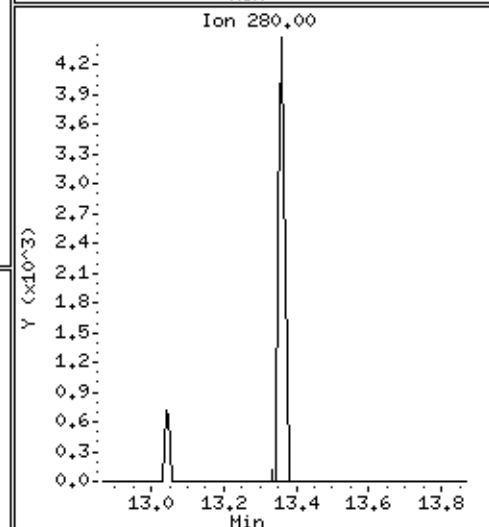
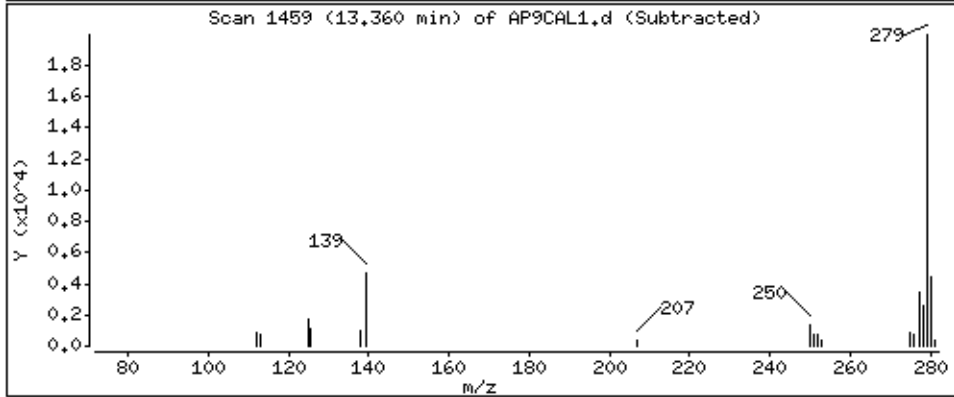
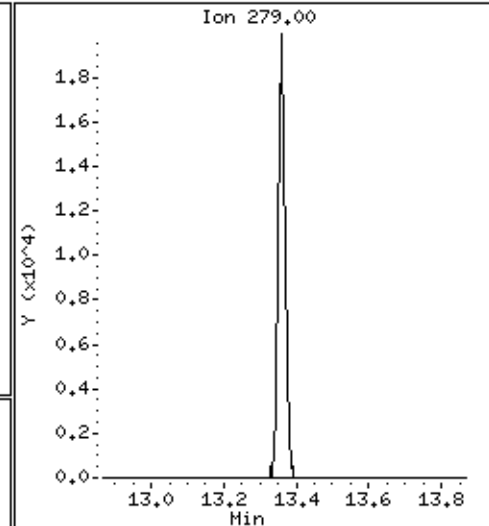
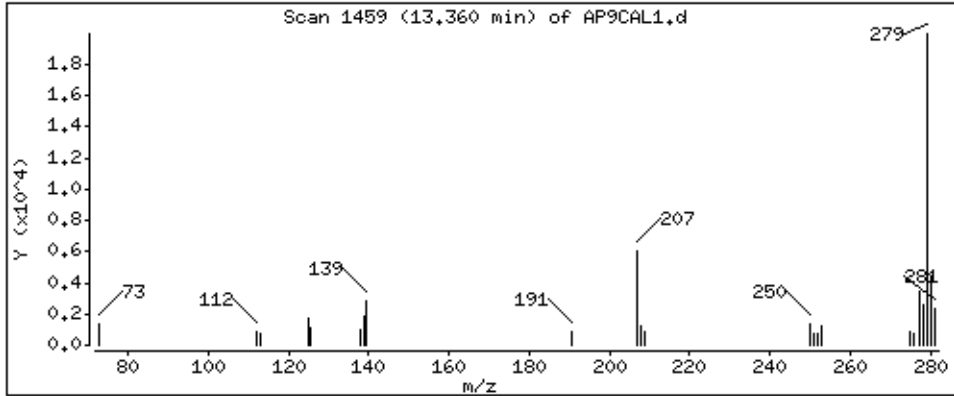
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

132 Dibenz(a,j)acridine

Concentration: 3,4 ug/kg





PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\AP9SEC.d  
 Lab Smp Id: 47943 Client Smp ID: AP9SEC  
 Inj Date : 15-NOV-2012 11:51 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47943  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S41114SScal.b\8270bcs.m  
 Meth Date : 26-Nov-2012 13:58 smsd04.i Quant Type: ISTD  
 Cal Date : 15-NOV-2012 11:30 Cal File: AP9CAL1.d  
 Als bottle: 48 Continuing Calibration Sample  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: ap9cal.sub  
 Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt \* DF \* (1/((Ws \* (1-(M/100)))/1000))\*Vf \* CpndVar

Name	Value	Description
DF	1.000	Dilution Factor
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
3 2- Picoline CAS #: 109-06-8									
2.786	2.786 ( 0.649)		93	161775	45.0000	45.4	80.00- 120.00	100.00	
2.785	2.785 ( 0.649)		66	79020			18.85- 78.85	48.85	
2.786	2.786 ( 0.649)		92	41727			0.00- 55.79	25.79	
4 N-Nitrosomethylethylamine CAS #: 10595-95-6									
2.892	2.892 ( 0.673)		88	66408	45.0000	43.4	80.00- 120.00	100.00	
2.893	2.893 ( 0.674)		43	46518			40.05- 100.05	70.05	
2.892	2.892 ( 0.673)		42	75851			84.22- 144.22	114.22	
5 Methyl Methanesulfonate CAS #: 66-27-3									
3.139	3.139 ( 0.731)		80	99347	45.0000	47.5	80.00- 120.00	100.00	
3.139	3.139 ( 0.731)		79	66931			37.37- 97.37	67.37	
3.139	3.139 ( 0.731)		65	27853			0.00- 58.04	28.04	
7 N-Nitrosodiethylamine CAS #: 55-18-5									
3.445	3.445 ( 0.802)		102	70906	45.0000	46.5	80.00- 120.00	100.00	
3.444	3.444 ( 0.802)		42	63691			59.82- 119.82	89.82	
3.444	3.444 ( 0.802)		57	37304			22.61- 82.61	52.61	
8 Ethyl Methanesulfonate CAS #: 62-50-0									
3.691	3.691 ( 0.859)		79	138595	45.0000	54.1	80.00- 120.00	100.00	

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
8 Ethyl Methanesulfonate (continued)									
3.691	3.691	( 0.860)	109	78873			26.91-	86.91	56.91
3.691	3.691	( 0.860)	97	27650			0.00-	49.95	19.95
-----									
12 Pentachloroethane CAS #: 76-01-7									
4.048	4.048	( 0.943)	167	64979	45.0000	46.5	80.00-	120.00	100.00(M)
4.048	4.048	( 0.943)	117	54979			54.61-	114.61	84.61
4.048	4.048	( 0.943)	130	24794			8.16-	68.16	38.16
-----									
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.294	4.294	( 1.000)	152	91795	40.0000		80.00-	120.00	100.00
4.294	4.294	( 1.000)	115	59493			34.81-	94.81	64.81
4.294	4.294	( 1.000)	150	143672			126.51-	186.51	156.51
-----									
24 N-Nitrosopyrrolidine CAS #: 930-55-2									
4.671	4.671	( 1.088)	100	77168	45.0000	47.0	80.00-	120.00	100.00
4.670	4.670	( 1.088)	41	75073			67.29-	127.29	97.29
4.671	4.671	( 1.088)	42	67020			56.85-	116.85	86.85
-----									
25 Acetophenone CAS #: 98-86-2									
4.675	4.675	( 0.856)	105	213307	45.0000	45.6	80.00-	120.00	100.00
4.675	4.675	( 0.856)	77	193069			60.51-	120.51	90.51
4.674	4.674	( 0.856)	51	67396			1.60-	61.60	31.60
-----									
27 N-Nitrosomorpholine CAS #: 59-89-2									
4.684	4.684	( 1.091)	56	98595	45.0000	47.3	80.00-	120.00	100.00
4.685	4.685	( 1.091)	116	31655			2.11-	62.11	32.11
4.684	4.684	( 1.091)	86	48066			18.75-	78.75	48.75
-----									
29 o-Toluidine CAS #: 95-53-4									
4.715	4.715	( 1.098)	106	227130	45.0000	47.2	80.00-	120.00	100.00(H)
4.715	4.715	( 1.098)	77	49742			0.00-	51.90	21.90
4.715	4.715	( 1.098)	107	168928			44.38-	104.38	74.38
-----									
33 N-Nitrosopiperidine CAS #: 100-75-4									
4.967	4.967	( 0.909)	114	66782	45.0000	46.3	80.00-	120.00	100.00
4.967	4.967	( 0.909)	42	102493			123.47-	183.47	153.47
4.967	4.967	( 0.909)	55	55756			53.49-	113.49	83.49
-----									
37 o,o,o-Triethylphosphorothioate CAS #: 126-68-1									
5.263	5.263	( 1.226)	198	80615	45.0000	45.7	80.00-	120.00	100.00
5.262	5.262	( 1.225)	97	67823			54.13-	114.13	84.13
5.262	5.262	( 1.225)	65	54819			38.00-	98.00	68.00
-----									
39 a,a-Dimethylphenethylamine CAS #: 122-09-8									
5.375	5.375	( 0.984)	58	382089	45.0000	50.4	80.00-	120.00	100.00(M)
5.375	5.375	( 0.984)	91	77191			0.00-	50.20	20.20
5.376	5.376	( 0.984)	65	24928			0.00-	36.52	6.52
-----									
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.463	5.463	( 1.000)	136	311449	40.0000		80.00-	120.00	100.00
5.463	5.463	( 1.000)	68	23396			0.00-	37.51	7.51
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
46 2,6-Dichlorophenol						CAS #: 87-65-0			
5.559	5.559	( 1.018)	162	125060	45.0000	49.1	80.00-	120.00	100.00
5.558	5.558	( 1.017)	63	89467			41.54-	101.54	71.54
5.559	5.559	( 1.018)	98	34613			0.00-	57.68	27.68
-----									
47 Hexachloropropene						CAS #: 1888-71-7			
5.597	5.597	( 1.025)	213	119820	45.0000	49.0	80.00-	120.00	100.00
5.597	5.597	( 1.025)	215	77144			34.38-	94.38	64.38
5.597	5.597	( 1.024)	117	30773			0.00-	55.68	25.68
-----									
49 N-Nitrosodi-n-butylamine						CAS #: 924-16-3			
5.890	5.890	( 1.078)	84	115584	45.0000	46.0	80.00-	120.00	100.00
5.890	5.890	( 1.078)	57	84008			42.68-	102.68	72.68
5.889	5.889	( 1.078)	41	72093			32.37-	92.37	62.37
-----									
52 Isosafrole						CAS #: 120-58-1			
6.066	6.066	( 1.110)	162	116843	45.0000	50.3	80.00-	120.00	100.00(M)
6.066	6.066	( 1.110)	104	84414			42.25-	102.25	72.25
6.066	6.066	( 1.110)	131	58269			19.87-	79.87	49.87
-----									
56 1,2,4,5-Tetrachlorobenzene						CAS #: 95-94-3			
6.340	6.340	( 0.885)	216	155091	45.0000	45.8	80.00-	120.00	100.00
6.340	6.340	( 0.885)	214	122804			49.18-	109.18	79.18
6.339	6.339	( 0.884)	108	32539			0.00-	50.98	20.98
-----									
60 Safrole						CAS #: 94-59-7			
6.558	6.558	( 1.200)	162	106626	45.0000	52.4	80.00-	120.00	100.00
6.558	6.558	( 1.200)	104	66430			32.30-	92.30	62.30
6.557	6.557	( 1.200)	77	38406			6.02-	66.02	36.02
-----									
64 1,4-Naphthoquinone						CAS #: 130-15-4			
6.782	6.782	( 0.946)	158	111041	45.0000	52.2	80.00-	120.00	100.00
6.782	6.782	( 0.946)	102	96101			56.55-	116.55	86.55
6.782	6.782	( 0.946)	130	54531			19.11-	79.11	49.11
-----									
66 1,3-Dinitrobenzene						CAS #: 99-65-0			
6.959	6.959	( 0.971)	168	57471	45.0000	53.7	80.00-	120.00	100.00
6.958	6.958	( 0.971)	75	70021			91.84-	151.84	121.84
6.958	6.958	( 0.971)	50	56623			68.52-	128.52	98.52
-----									
* 70 Acenaphthene-d10						CAS #: 15067-26-2			
7.167	7.167	( 1.000)	164	204507	40.0000		80.00-	120.00	100.00
7.168	7.168	( 1.000)	162	196575			66.12-	126.12	96.12
7.167	7.167	( 1.000)	160	88361			13.21-	73.21	43.21
-----									
73 Pentachlorobenzene						CAS #: 608-93-5			
7.376	7.376	( 1.029)	250	147563	45.0000	47.3	80.00-	120.00	100.00
7.376	7.376	( 1.029)	252	95706			34.86-	94.86	64.86
7.375	7.375	( 1.029)	108	44159			0.00-	59.93	29.93
-----									
77 1-Naphthylamine						CAS #: 134-32-7			
7.433	7.433	( 1.037)	143	231002	45.0000	41.2	80.00-	120.00	100.00
7.433	7.433	( 1.037)	115	125309			24.25-	84.25	54.25

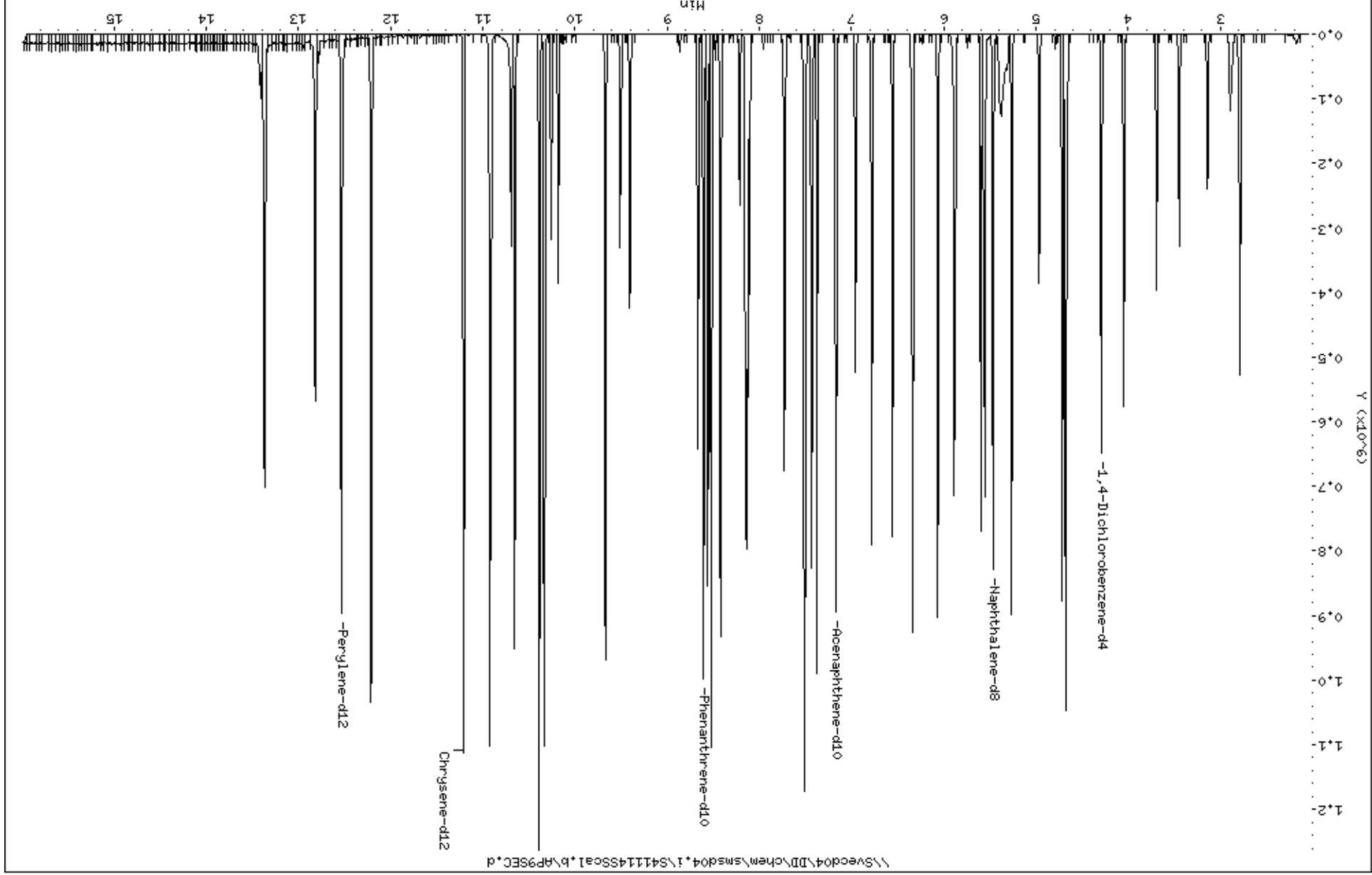
AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
77 1-Naphthylamine (continued)									
7.434	7.434	( 1.037)	89	24915			0.00-	40.79	10.79
-----									
78 2,3,4,6-Tetrachlorophenol CAS #: 58-90-2									
7.514	7.514	( 1.048)	232	83960	45.0000	47.9	80.00-	120.00	100.00
7.514	7.514	( 1.048)	168	24020			0.00-	58.61	28.61
7.513	7.513	( 1.048)	131	40347			18.06-	78.06	48.06
-----									
79 2-Naphthylamine CAS #: 91-59-8									
7.505	7.505	( 1.047)	143	292505	45.0000	46.3	80.00-	120.00	100.00
7.504	7.504	( 1.047)	115	159786			24.63-	84.63	54.63
7.505	7.505	( 1.047)	116	66705			0.00-	52.80	22.80
-----									
83 5-Nitro-ortho-toluidine CAS #: 99-55-8									
7.731	7.731	( 1.079)	152	87461	45.0000	46.6	80.00-	120.00	100.00
7.731	7.731	( 1.079)	106	69633			49.62-	109.62	79.62
7.731	7.731	( 1.079)	77	102135			86.78-	146.78	116.78
-----									
90 1,3,5-Trinitrobenzene CAS #: 99-35-4									
8.109	8.109	( 1.131)	75	112237	45.0000	26.1	80.00-	120.00	100.00
8.109	8.109	( 1.131)	74	66564			29.31-	89.31	59.31
8.110	8.110	( 1.131)	213	40987			6.52-	66.52	36.52
-----									
89 Diallate CAS #: 2303-16-4									
8.132	8.132	( 1.134)	86	160967	45.0000	47.8	80.00-	120.00	100.00(M)
8.132	8.132	( 1.135)	43	152294			64.61-	124.61	94.61
8.132	8.132	( 1.135)	234	49898			1.00-	61.00	31.00
-----									
92 Phenacetin CAS #: 62-44-2									
8.150	8.150	( 0.947)	109	183677	45.0000	46.8	80.00-	120.00	100.00
8.150	8.150	( 0.947)	108	185101			70.78-	130.78	100.78
8.150	8.150	( 0.947)	179	95818			22.17-	82.17	52.17
-----									
91 p-Phenylenediamine CAS #: 106-50-3									
8.150	8.150	( 0.947)	108	185101	45.0000	48.3	80.00-	120.00	100.00
8.150	8.150	( 0.947)	80	38941			0.00-	51.04	21.04
8.149	8.149	( 0.947)	53	25333			0.00-	43.69	13.69
-----									
97 Pentachloronitrobenzene CAS #: 82-68-8									
8.560	8.560	( 0.995)	237	57272	45.0000	49.1	80.00-	120.00	100.00
8.560	8.560	( 0.995)	295	20690			6.13-	66.13	36.13
8.559	8.559	( 0.995)	142	38646			37.48-	97.48	67.48
-----									
98 4-Aminobiphenyl CAS #: 92-67-1									
8.425	8.425	( 0.979)	169	325347	45.0000	44.8	80.00-	120.00	100.00
8.425	8.425	( 0.979)	168	70563			0.00-	51.69	21.69
8.424	8.424	( 0.979)	115	36721			0.00-	41.29	11.29
-----									
99 Pronamide CAS #: 23950-58-5									
8.523	8.523	( 0.991)	173	170022	45.0000	49.0	80.00-	120.00	100.00
8.523	8.523	( 0.991)	175	114268			37.21-	97.21	67.21
8.523	8.523	( 0.991)	145	61335			6.07-	66.07	36.07
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.604	8.604	( 1.000)	188	364117	40.0000		80.00-	120.00	100.00
8.604	8.604	( 1.000)	94	37823			0.00-	40.39	10.39
8.603	8.603	( 1.000)	80	42046			0.00-	41.55	11.55
-----									
102 Dinoseb						CAS #: 88-85-7			
8.663	8.663	( 1.007)	211	91645	45.0000	46.3	80.00-	120.00	100.00(M)
8.663	8.663	( 1.007)	163	42393			16.26-	76.26	46.26
8.663	8.663	( 1.007)	117	25226			0.00-	57.53	27.53
-----									
106 4-Nitroquinoline-1-oxide						CAS #: 56-57-5			
8.525	8.525	( 0.991)	174	17046	45.0000	50.7	80.00-	120.00	100.00(M)
8.517	8.517	( 0.990)	128	0	0.00	0.00	0.00-	30.00	0.00
8.517	8.517	( 0.990)	101	0	0.00	0.00	0.00-	30.00	0.00
-----									
107 Methapyrilene						CAS #: 91-80-5			
9.510	9.510	( 1.105)	97	172930	45.0000	31.7	80.00-	120.00	100.00
9.510	9.510	( 1.105)	58	219692			97.04-	157.04	127.04
9.510	9.510	( 1.105)	191	25049			0.00-	44.49	14.49
-----									
108 Isodrin						CAS #: 465-73-6			
9.669	9.669	( 1.124)	193	66085	45.0000	50.8	80.00-	120.00	100.00
9.668	9.668	( 1.124)	66	54889			53.06-	113.06	83.06
9.669	9.669	( 1.124)	195	58846			59.05-	119.05	89.05
-----									
113 Aramite						CAS #: 140-57-8			
10.261	10.261	( 0.915)	185	57586	45.0000	35.2	80.00-	120.00	100.00(M)
10.182	10.182	( 0.908)	191	27668			18.05-	78.05	48.05
10.182	10.182	( 0.908)	319	14864			0.00-	55.81	25.81
-----									
114 p-Dimethylamino azobenzene						CAS #: 60-11-7			
10.334	10.334	( 0.922)	225	122673	45.0000	46.0	80.00-	120.00	100.00
10.334	10.334	( 0.922)	120	168944			107.72-	167.72	137.72
10.334	10.334	( 0.922)	77	122231			69.64-	129.64	99.64
-----									
115 Chlorobenzilate						CAS #: 510-15-6			
10.388	10.388	( 0.927)	251	177580	45.0000	47.7	80.00-	120.00	100.00
10.388	10.388	( 0.927)	253	115517			35.05-	95.05	65.05
10.388	10.388	( 0.927)	139	211301			88.99-	148.99	118.99
-----									
116 Kepone						CAS #: 143-50-0			
10.690	10.690	( 0.954)	272	51321	45.0000	48.4	80.00-	120.00	100.00(M)
10.690	10.690	( 0.954)	274	41767			51.38-	111.38	81.38
10.690	10.690	( 0.954)	237	22370			13.59-	73.59	43.59
-----									
117 3,3-Dimethylbenzidine						CAS #: 119-93-7			
10.657	10.657	( 0.951)	212	309742	45.0000	46.8	80.00-	120.00	100.00
10.656	10.656	( 0.951)	106	30272			0.00-	39.77	9.77
10.657	10.657	( 0.951)	180	25980			0.00-	38.39	8.39
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119 2-Acetylaminofluorene						CAS #: 53-96-3			
10.920	10.920	( 0.974)	181	234271	45.0000	43.2	80.00-	120.00	100.00
10.920	10.920	( 0.974)	223	124138			22.99-	82.99	52.99

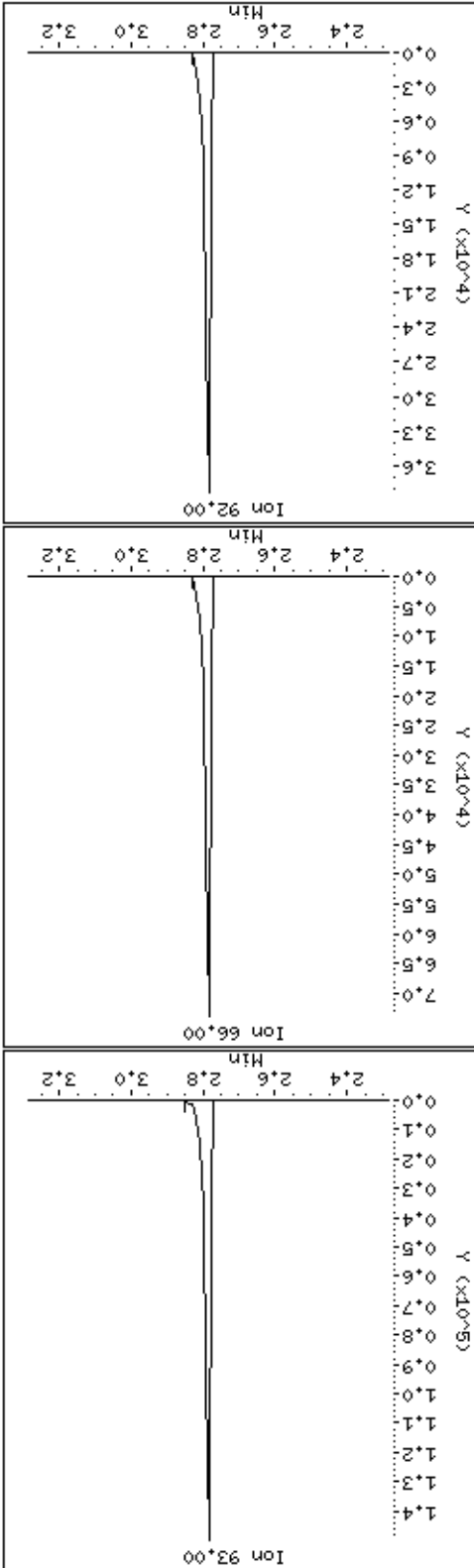
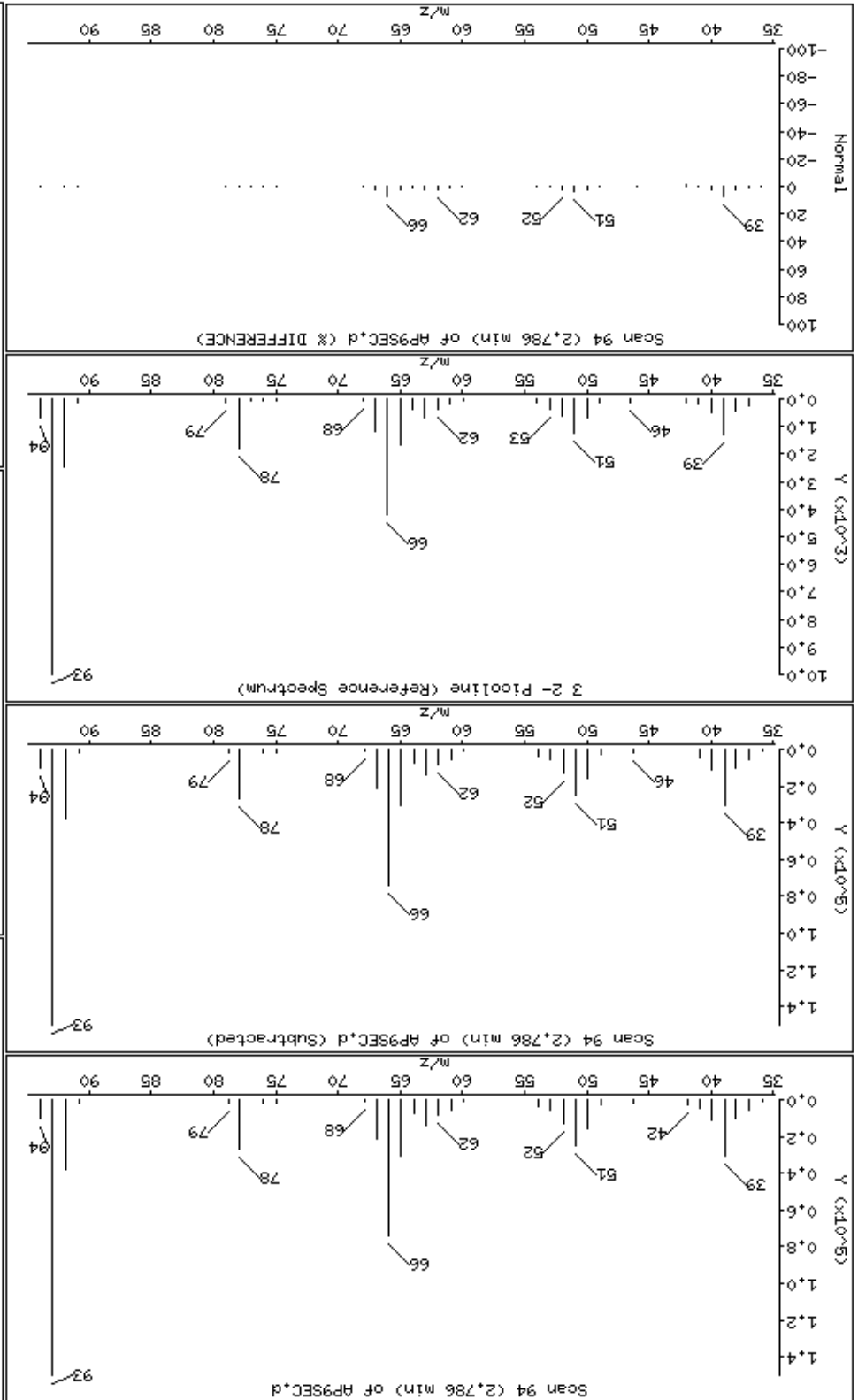
AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
119 2-Acetylaminofluorene (continued)									
10.920	10.920	( 0.974)	180	180951			47.24-	107.24	77.24
-----									
* 121 Chrysene-d12					CAS #: 1719-03-5				
11.211	11.211	( 1.000)	240	413751	40.0000		80.00-	120.00	100.00
11.210	11.210	( 1.000)	120	41464			0.00-	40.02	10.02
11.210	11.210	( 1.000)	236	101352			0.00-	54.50	24.50
-----									
126 7,12-Dimethylbenz(a)anthracen					CAS #: 57-97-6				
12.210	12.210	( 0.974)	256	234173	45.0000	48.2	80.00-	120.00	100.00
12.210	12.210	( 0.974)	241	127963			24.64-	84.64	54.64
12.210	12.210	( 0.974)	239	108442			16.31-	76.31	46.31
-----									
* 130 Perylene-d12					CAS #: 1520-96-3				
12.532	12.532	( 1.000)	264	367883	40.0000		80.00-	120.00	100.00
12.533	12.533	( 1.000)	260	83501			0.00-	52.70	22.70
12.532	12.532	( 1.000)	265	81341			0.00-	52.11	22.11
-----									
131 3-Methylcholanthrene					CAS #: 56-49-5				
12.822	12.822	( 1.023)	268	161592	45.0000	45.8	80.00-	120.00	100.00
12.821	12.821	( 1.023)	252	70881			13.86-	73.86	43.86
12.822	12.822	( 1.023)	253	66650			11.25-	71.25	41.25
-----									
132 Dibenz(a,j)acridine					CAS #: 224-42-0				
13.369	13.369	( 1.067)	279	377600	45.0000	49.0	80.00-	120.00	100.00
13.369	13.369	( 1.067)	280	86205			0.00-	52.83	22.83
13.369	13.369	( 1.067)	277	54889			0.00-	44.54	14.54
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QC Flag Legend

- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

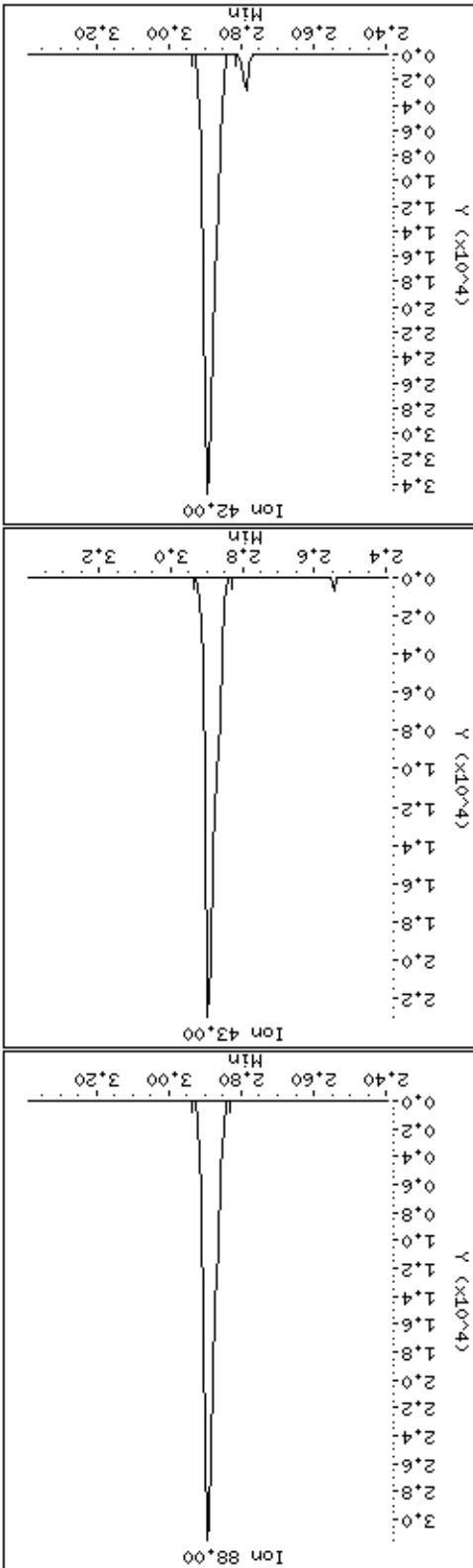
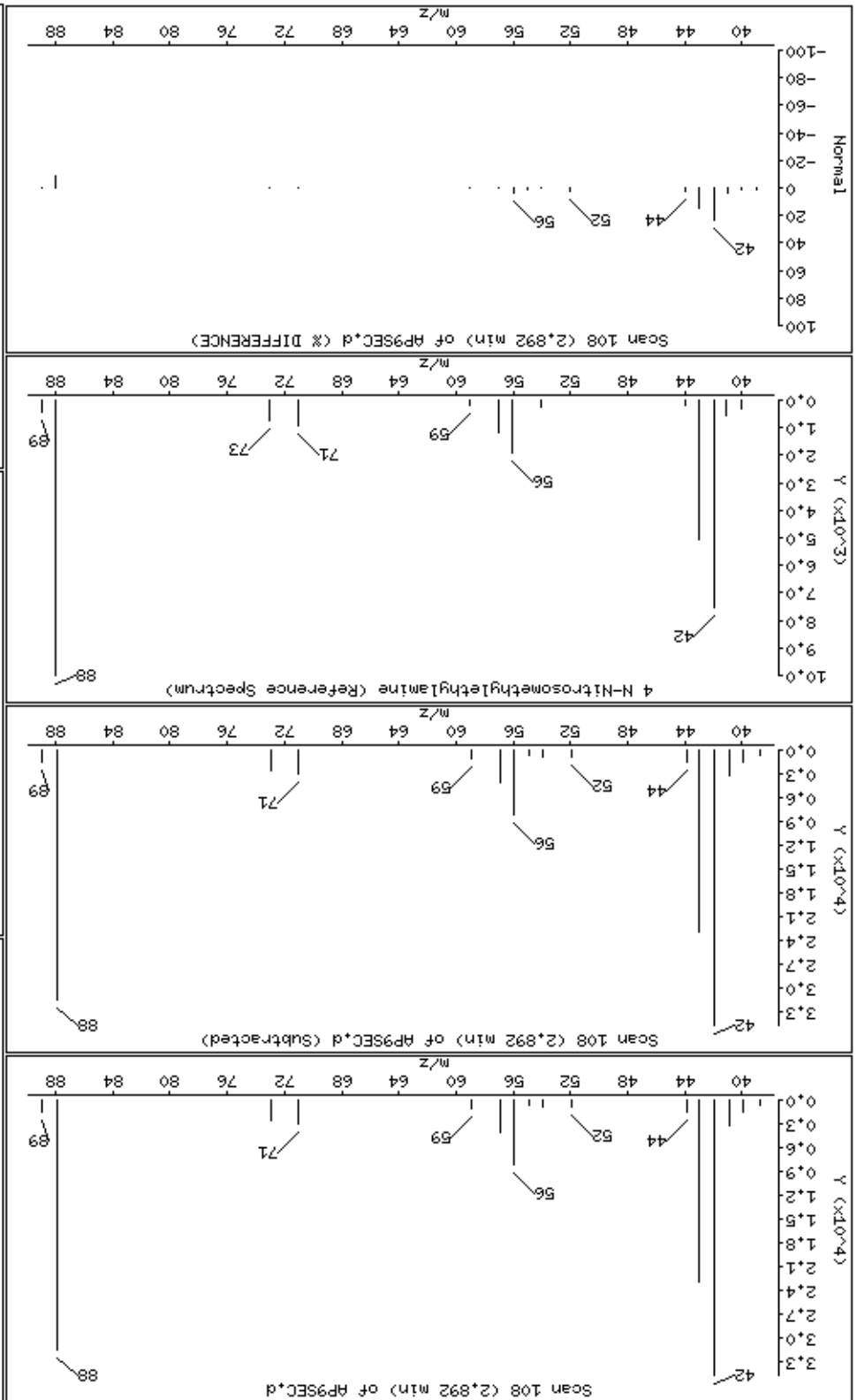


3-2-Picoline





4-N-Nitrosomethylethylamine



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

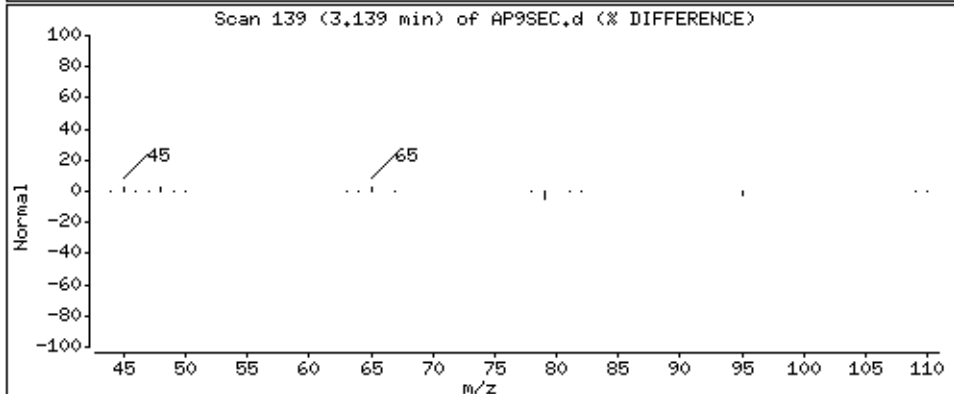
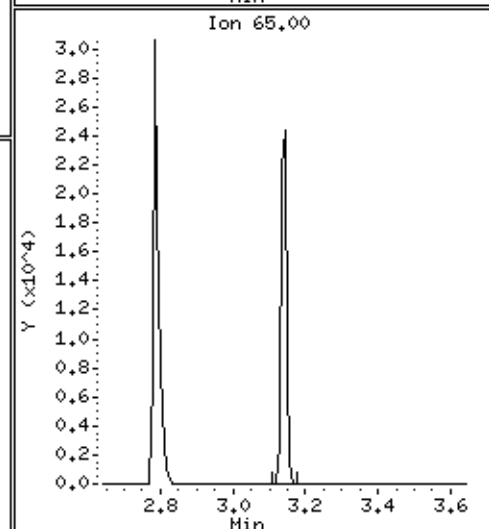
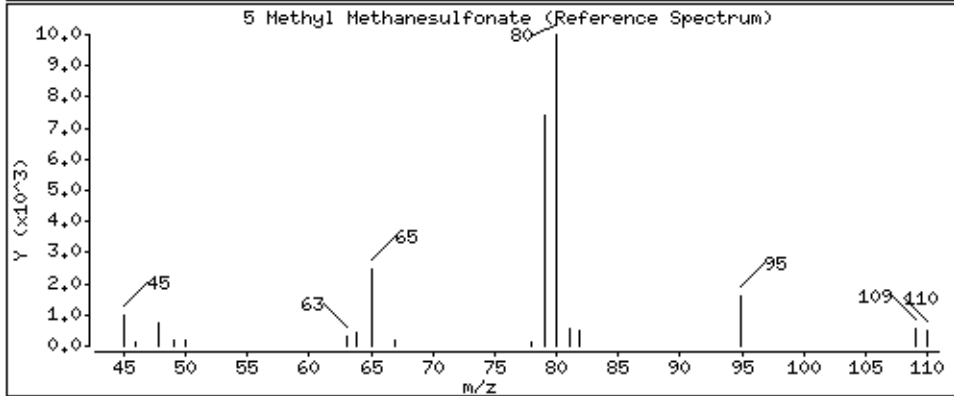
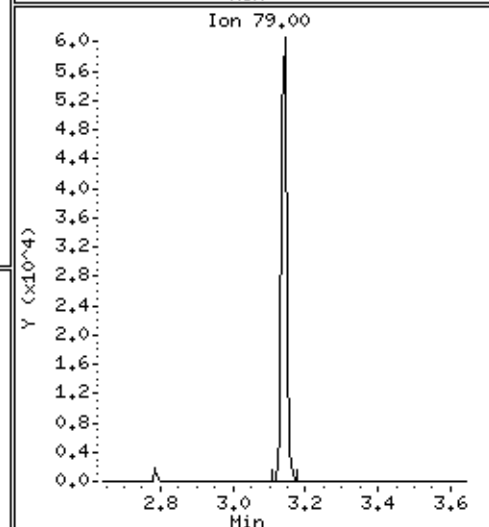
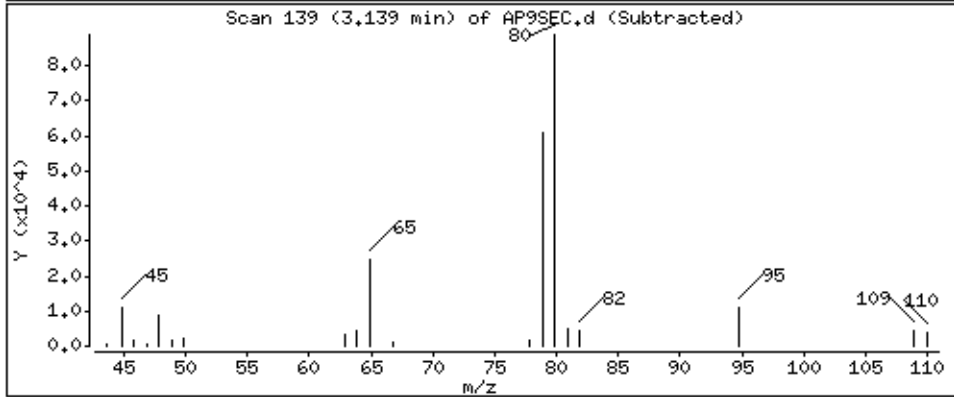
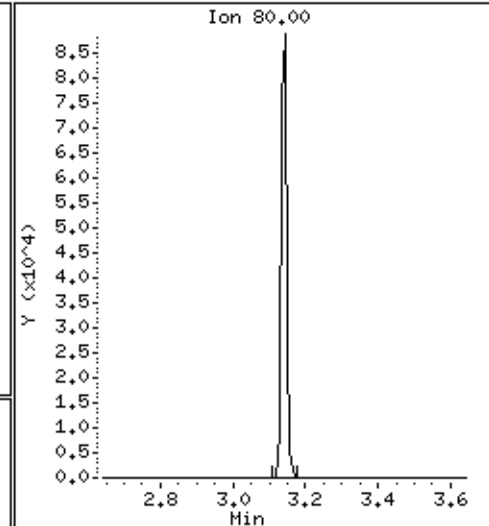
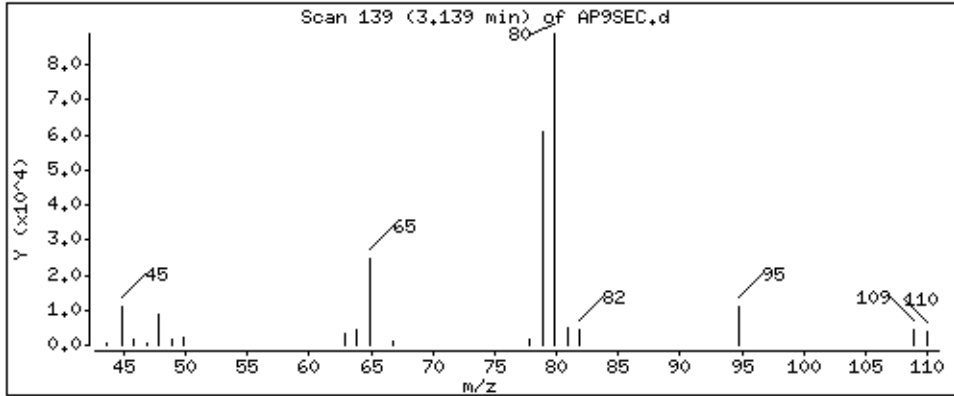
Operator: MJ

Column phase: HPMS-5

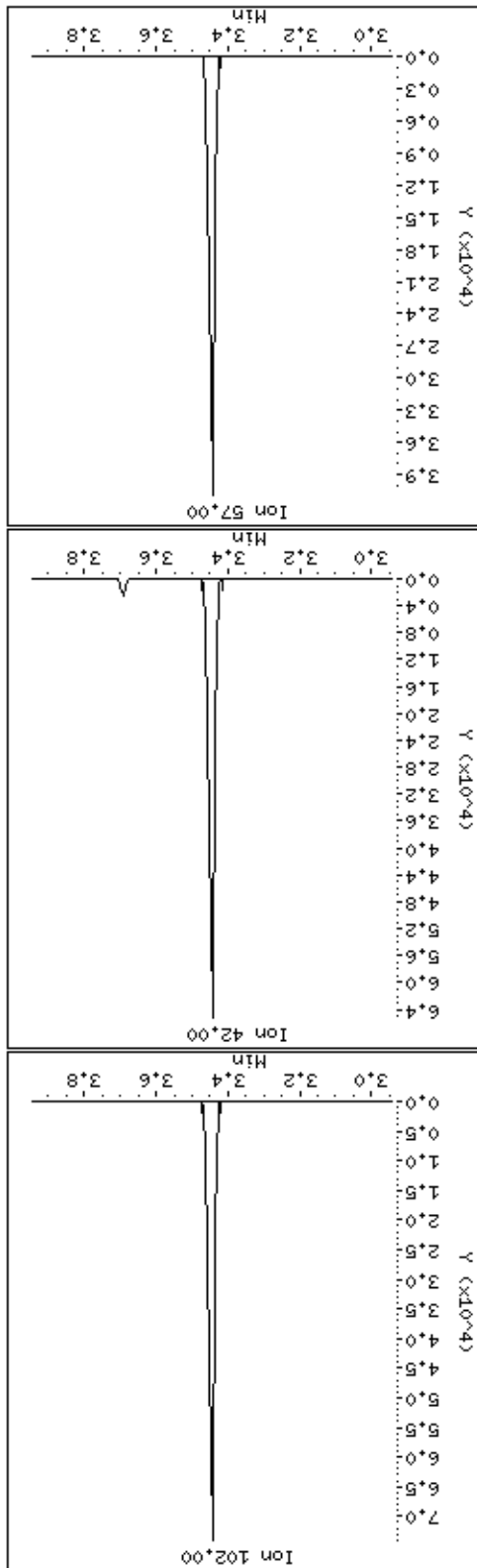
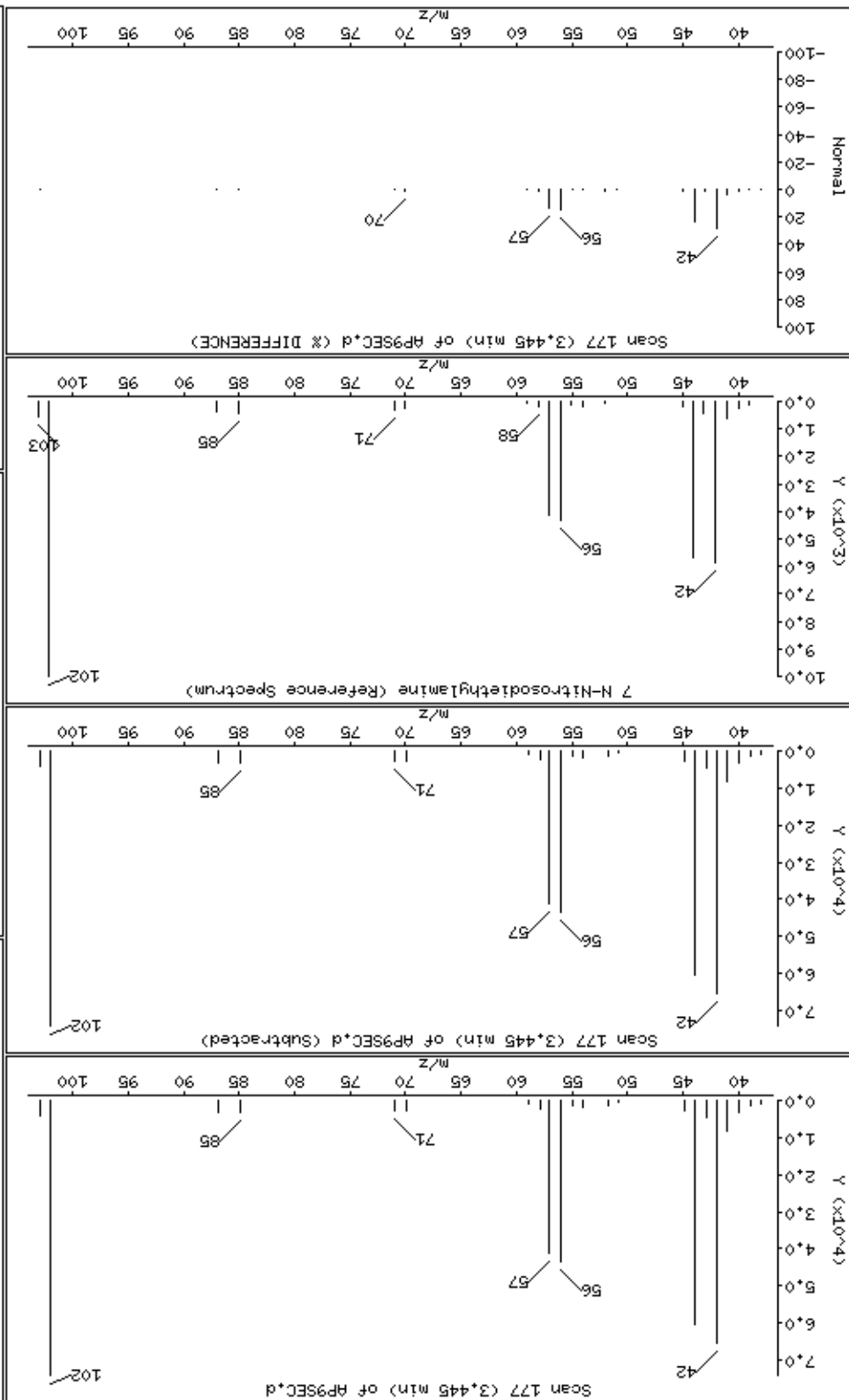
Column diameter: 0,25

5 Methyl Methanesulfonate

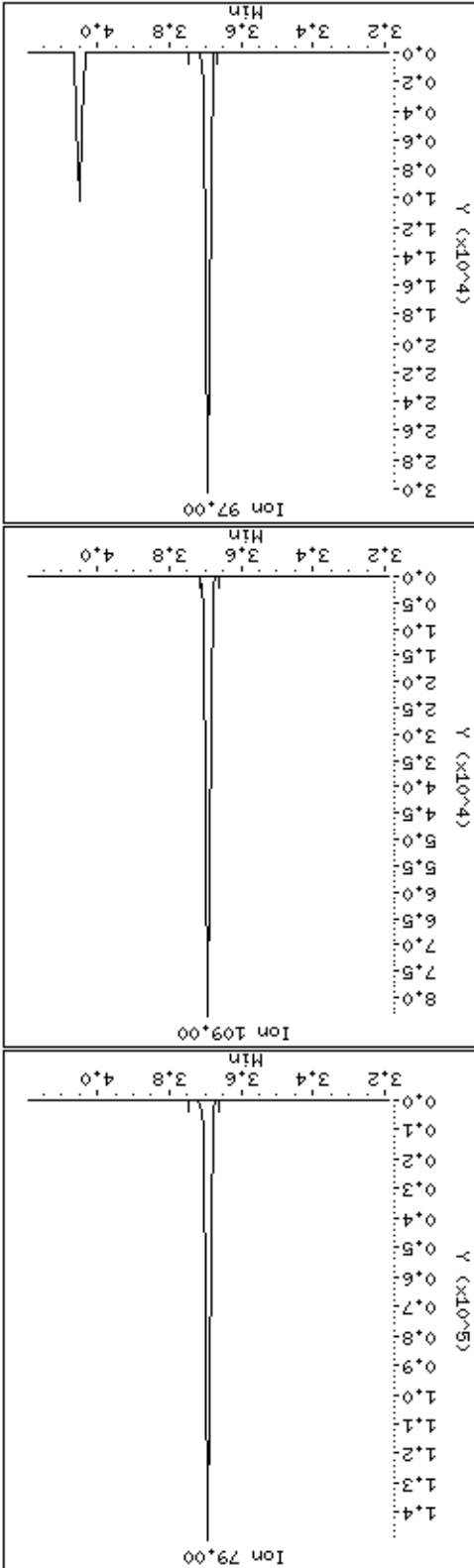
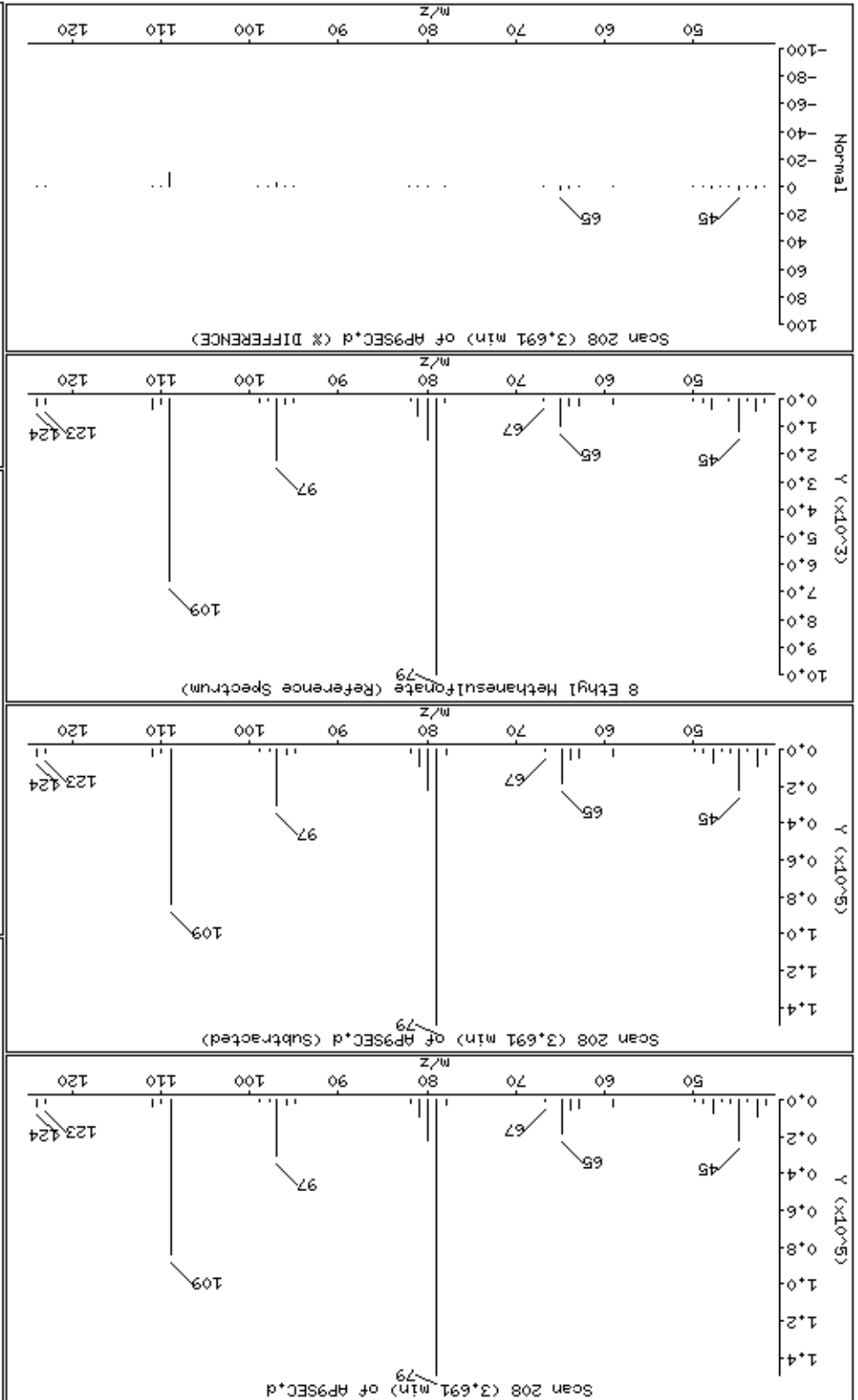
Concentration: 47,5 ug/kg



7-N-Nitrosodietethylamine



8 Ethyl Methanesulfonate



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

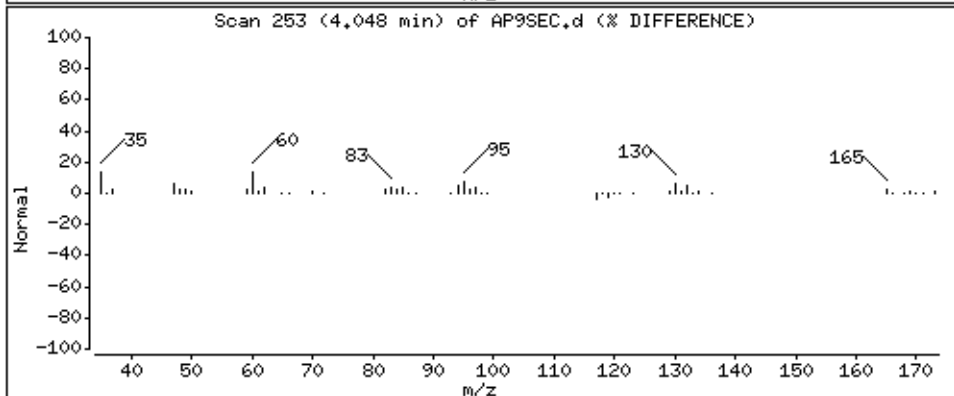
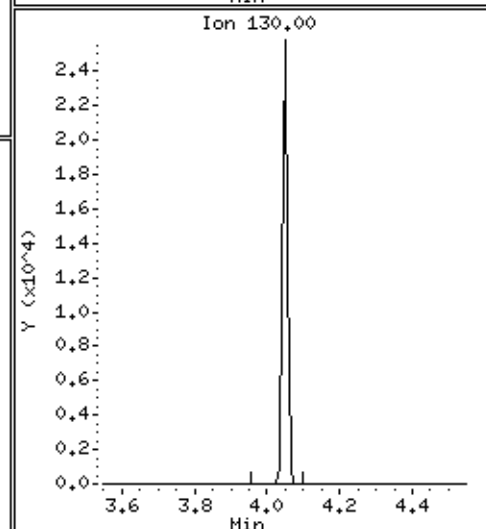
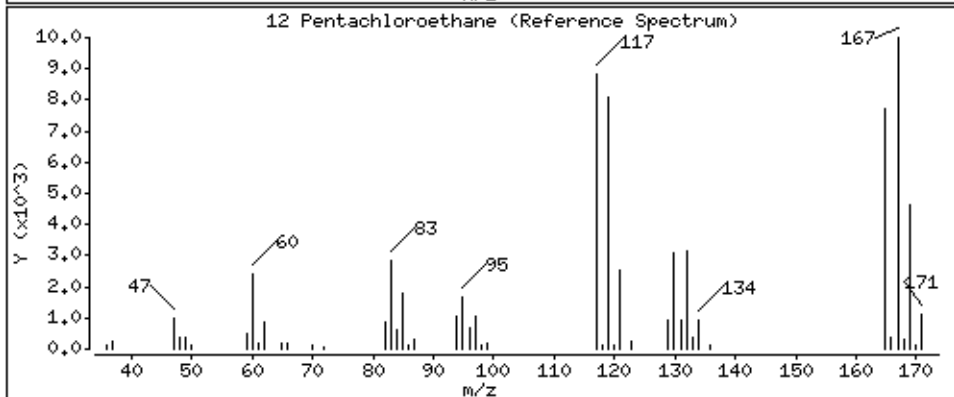
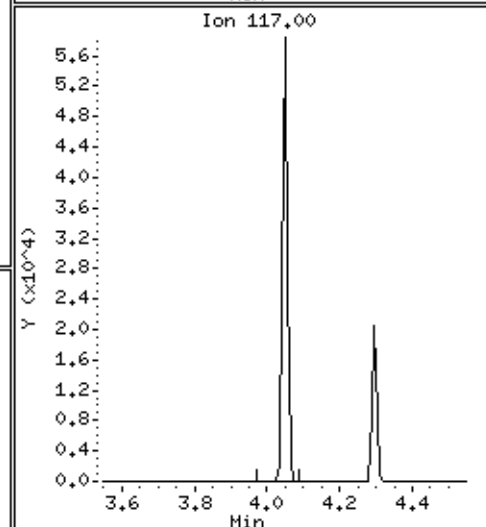
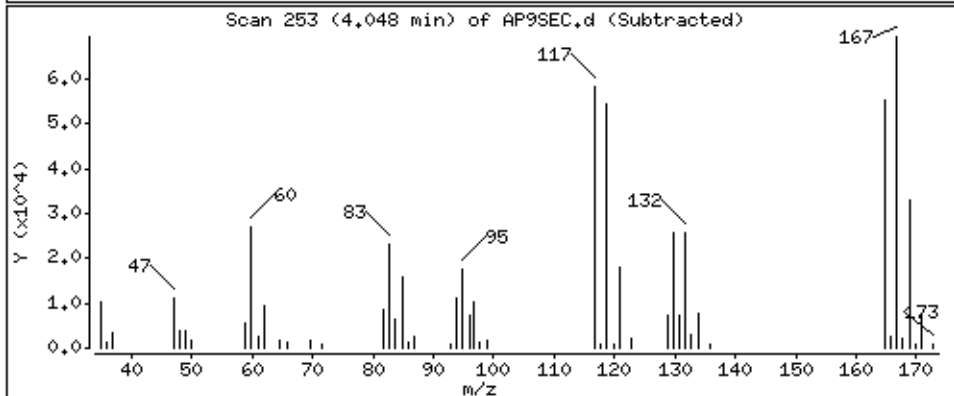
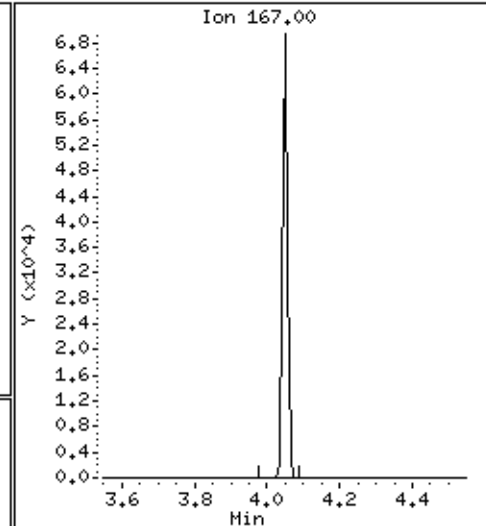
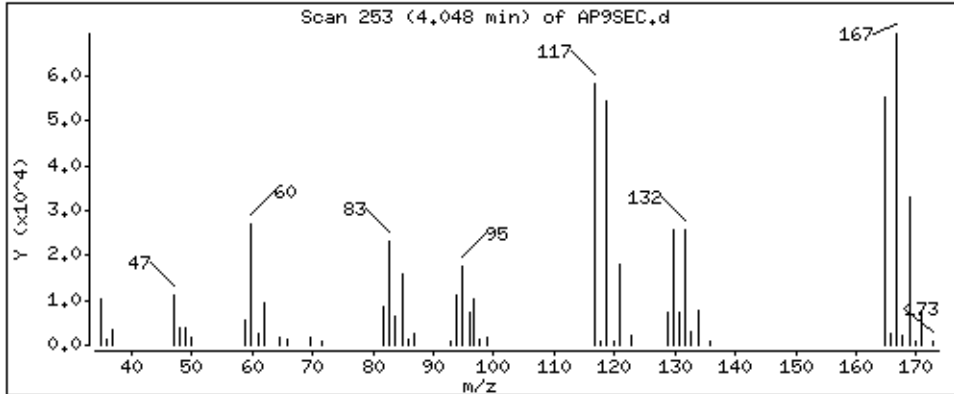
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

12 Pentachloroethane

Concentration: 46,5 ug/kg



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

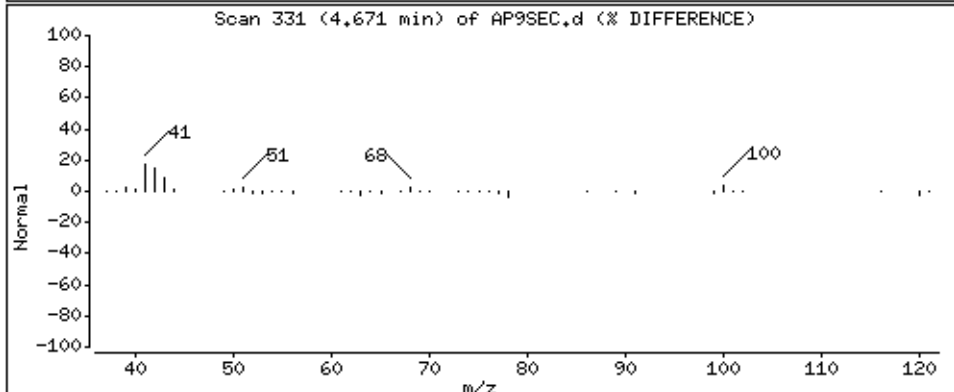
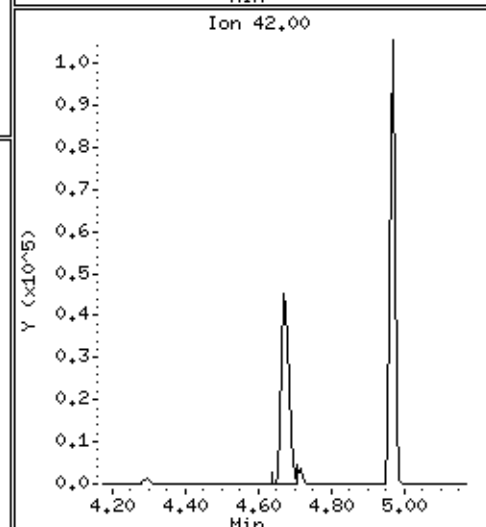
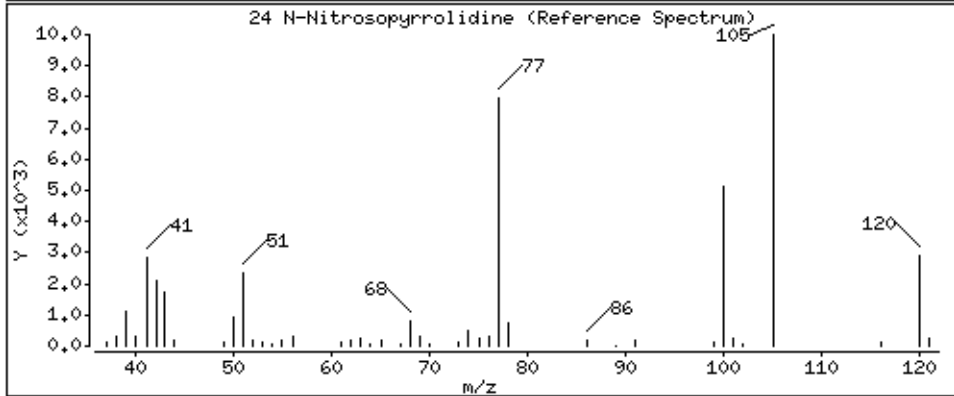
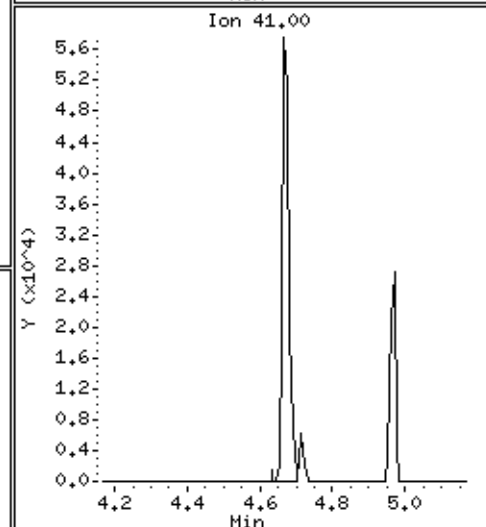
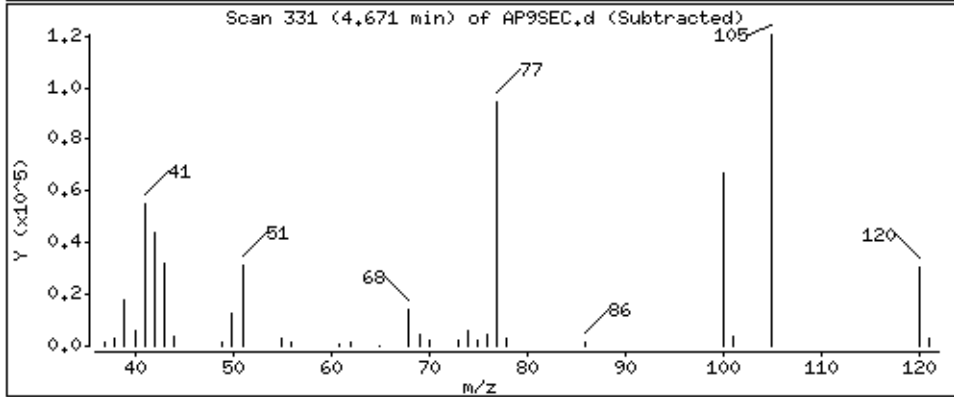
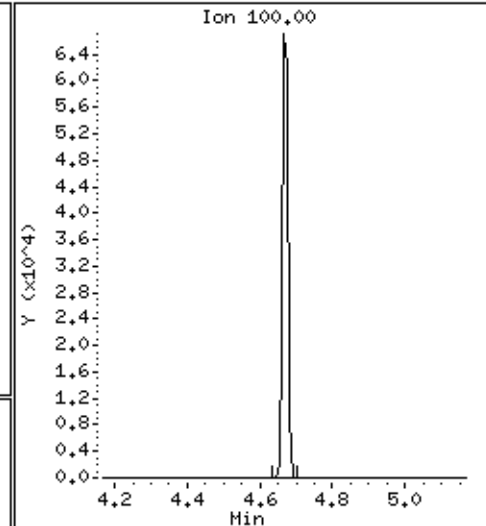
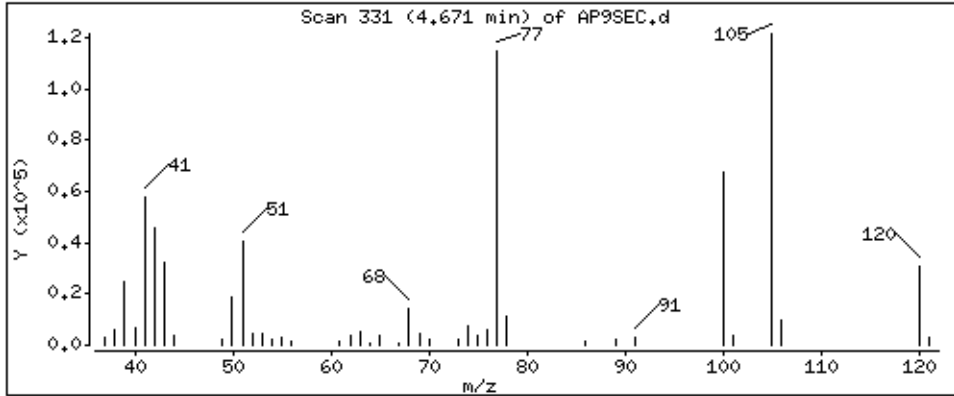
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

24 N-Nitrosopyrrolidine

Concentration: 47,0 ug/kg



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

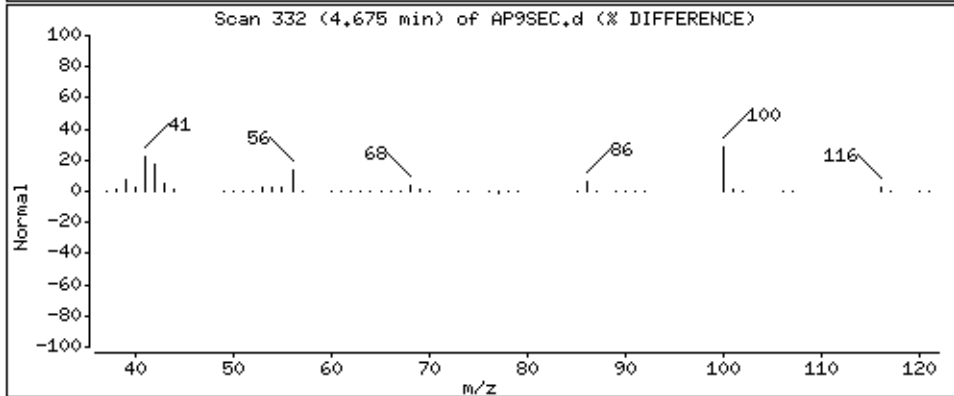
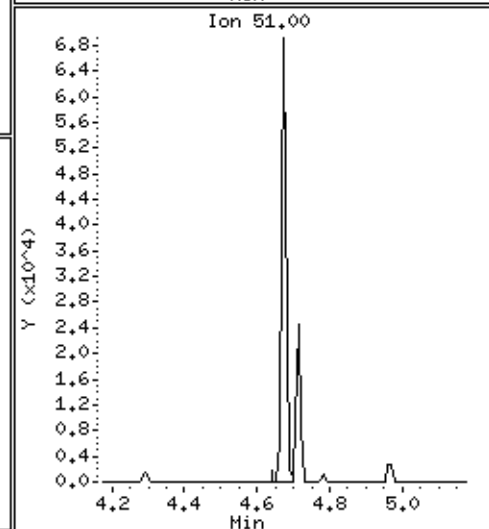
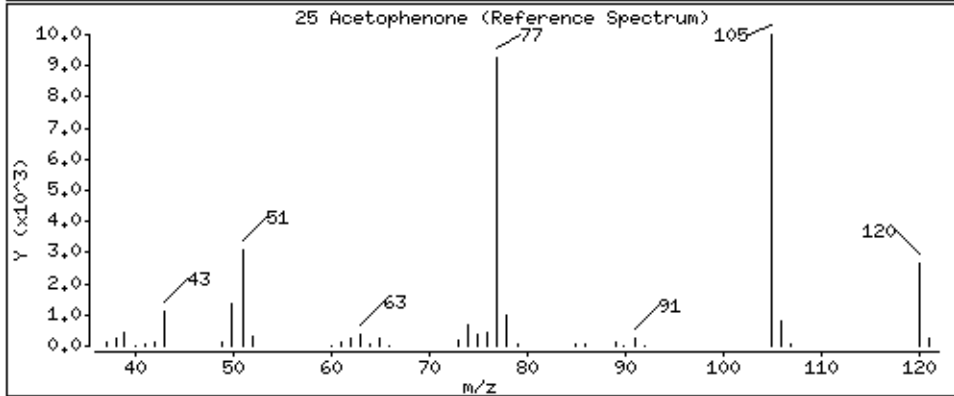
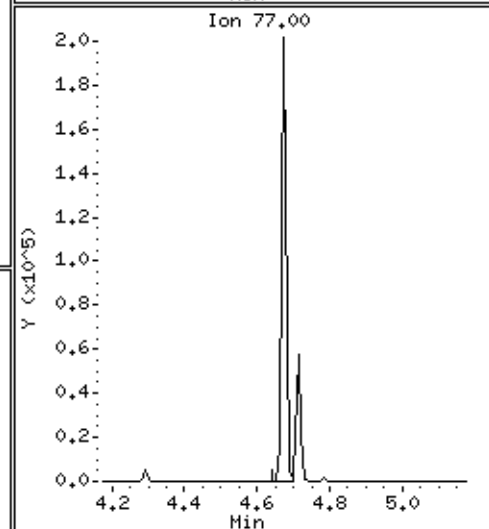
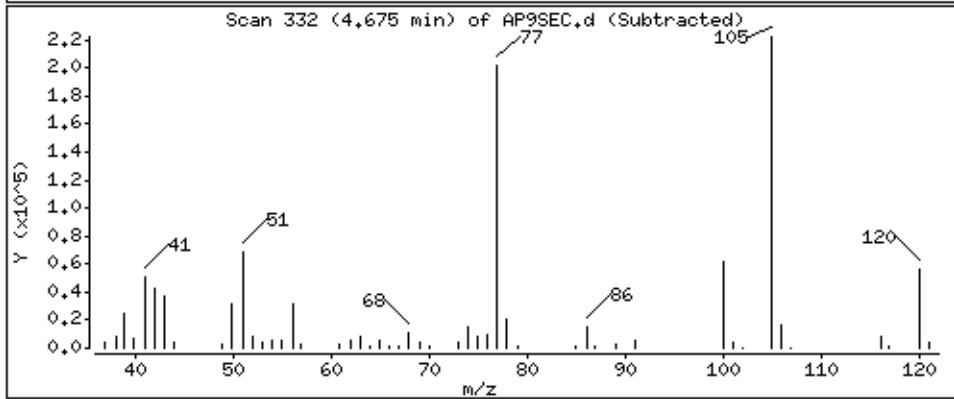
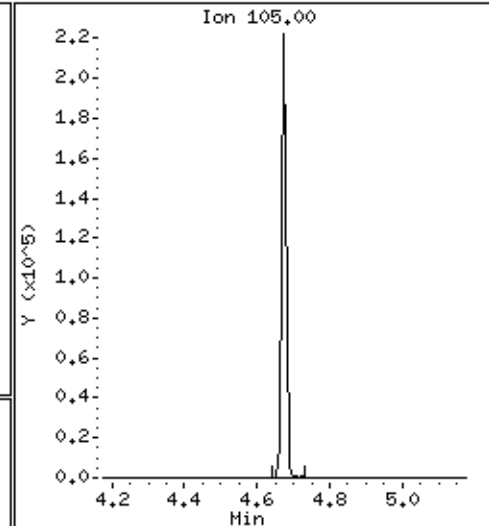
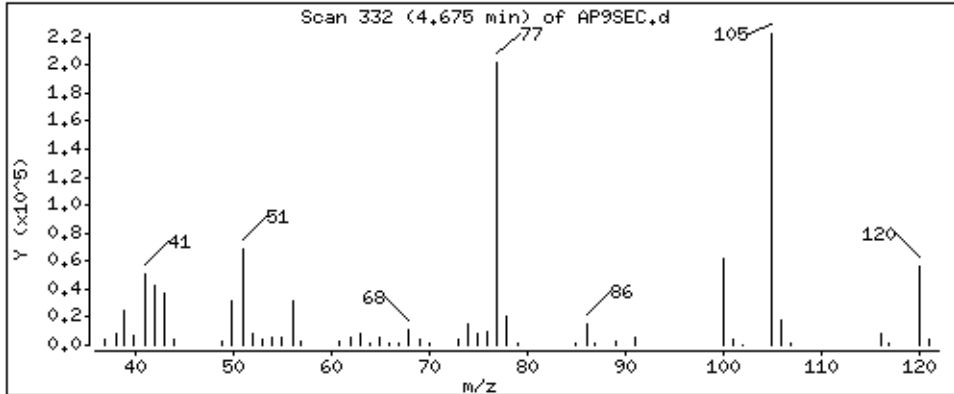
Operator: MJ

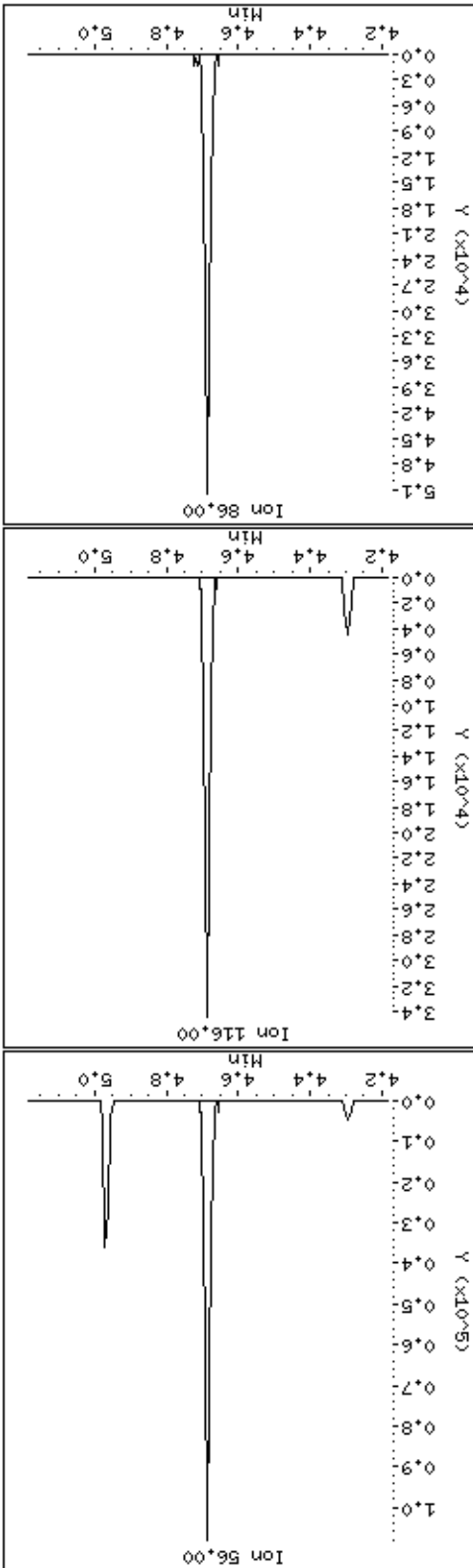
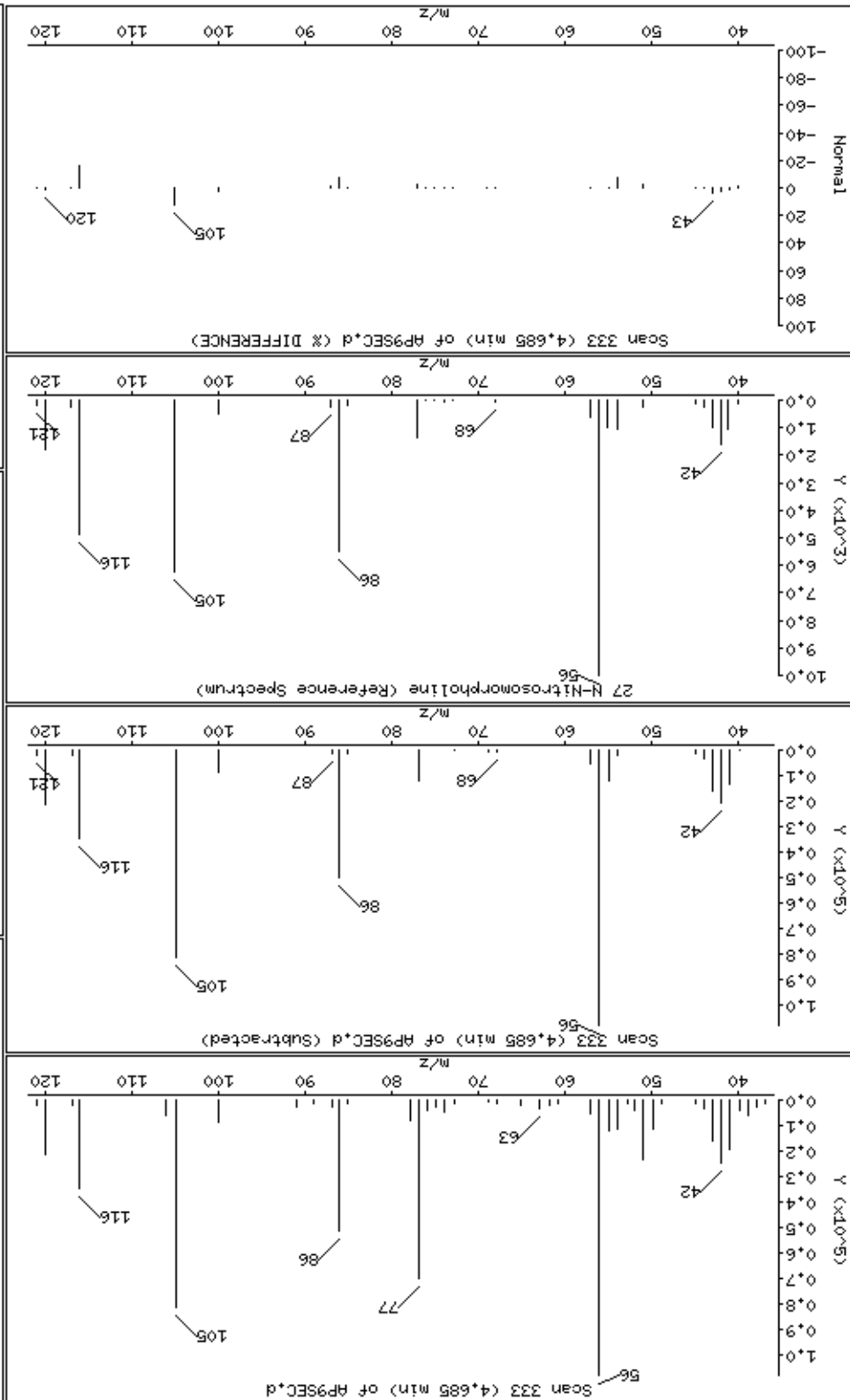
Column phase: HPMS-5

Column diameter: 0,25

25 Acetophenone

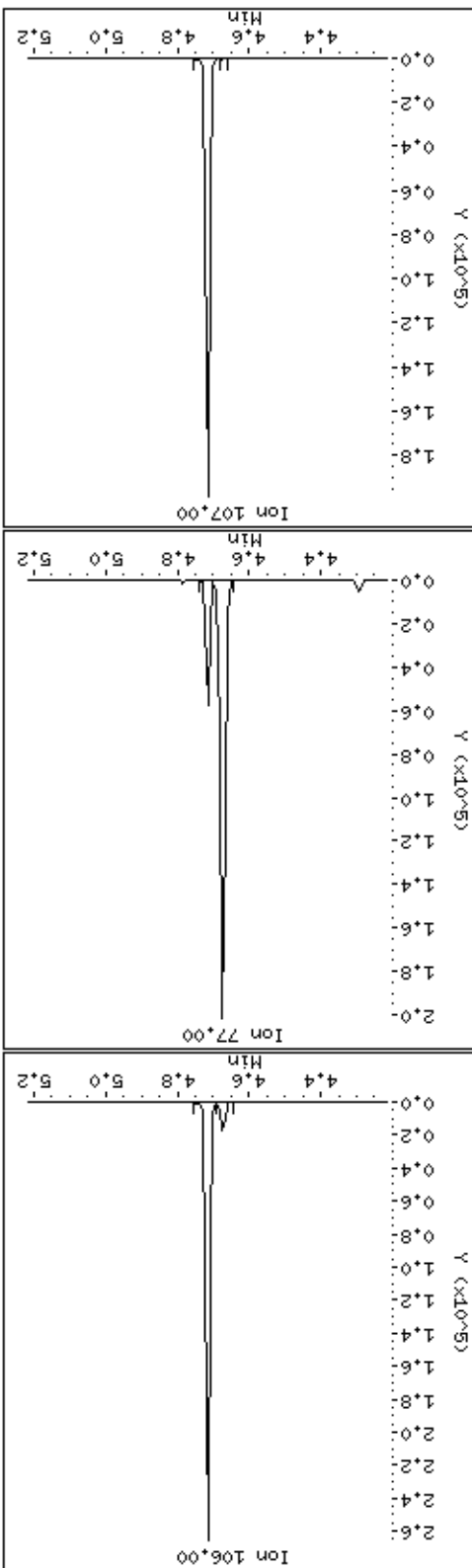
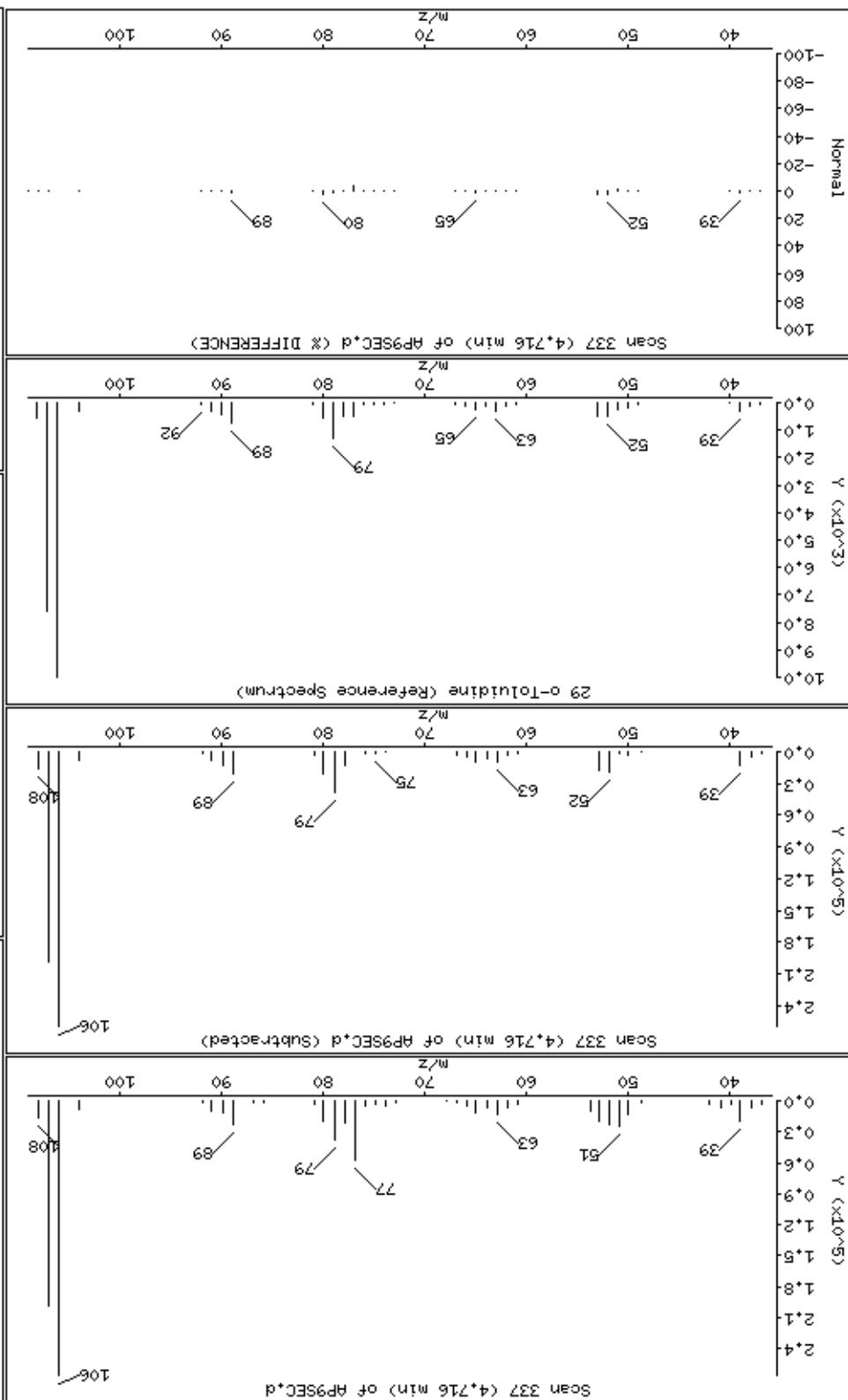
Concentration: 45,6 ug/kg





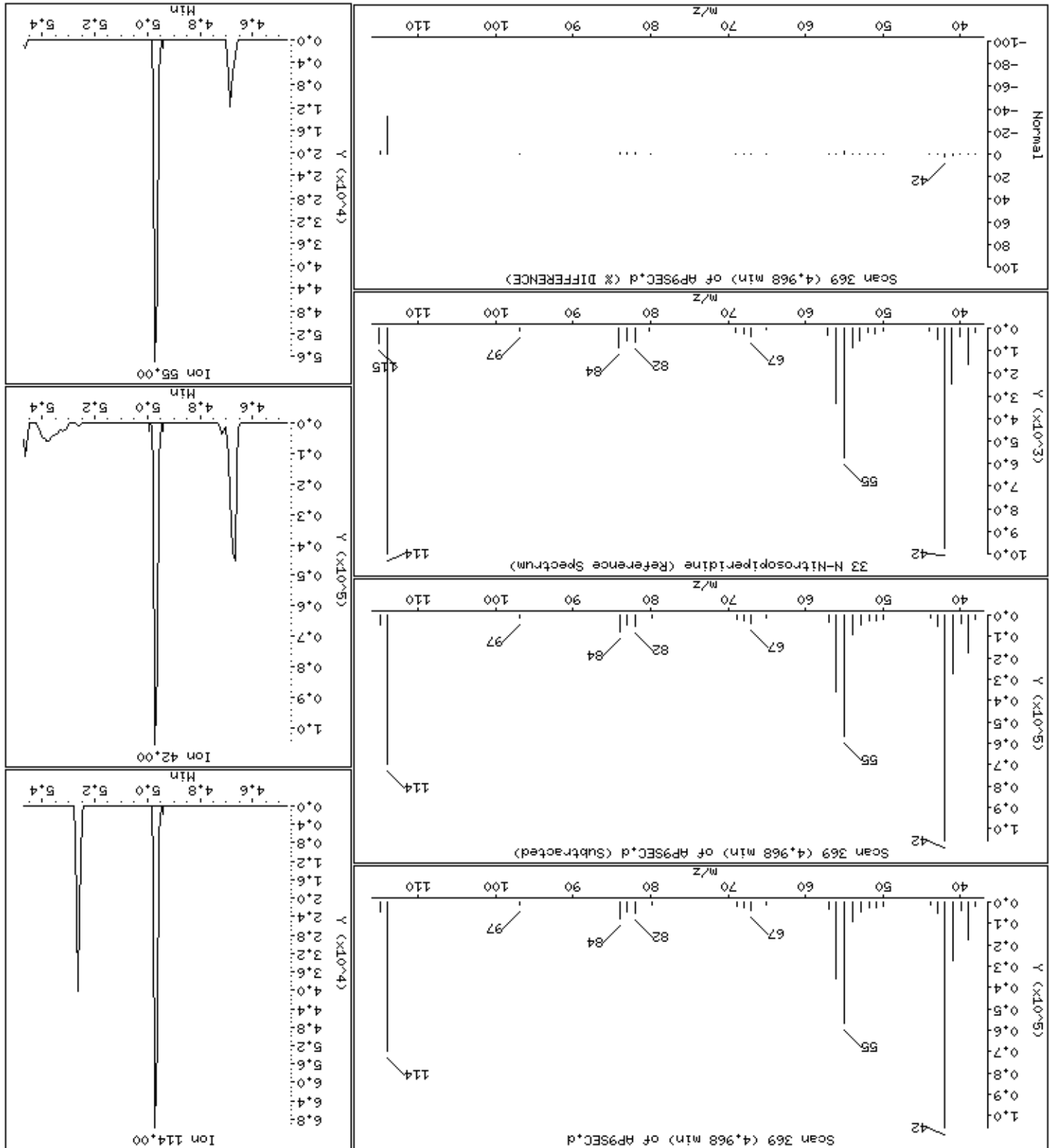


29 o-Toluidine



33-Nitrosopiperidine

Column phase: HPMS-5



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Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

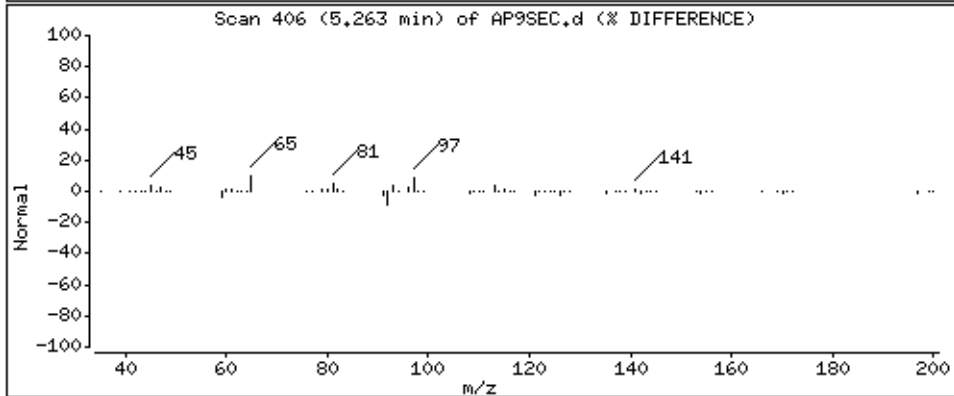
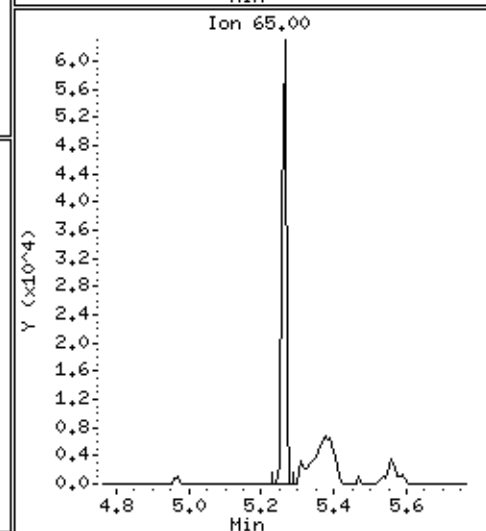
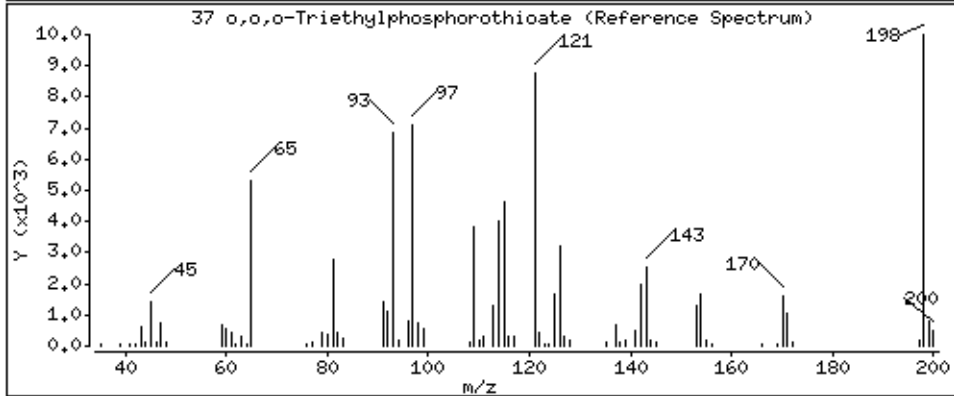
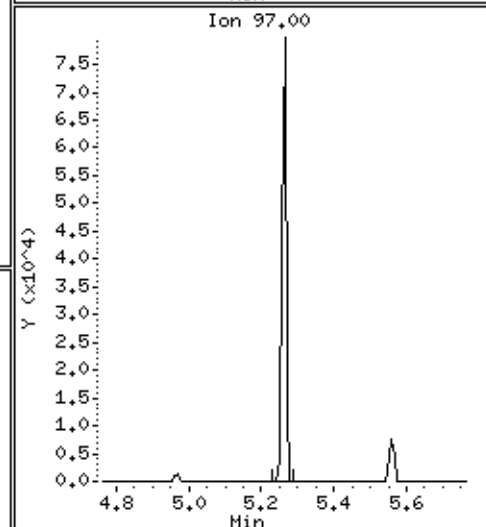
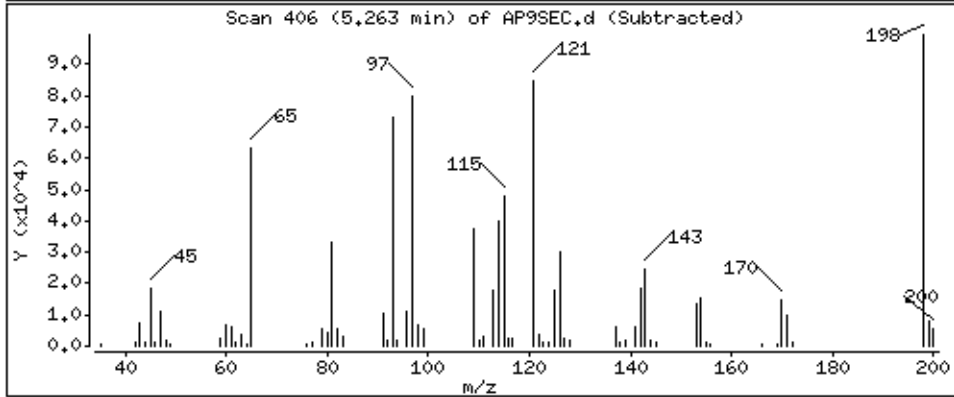
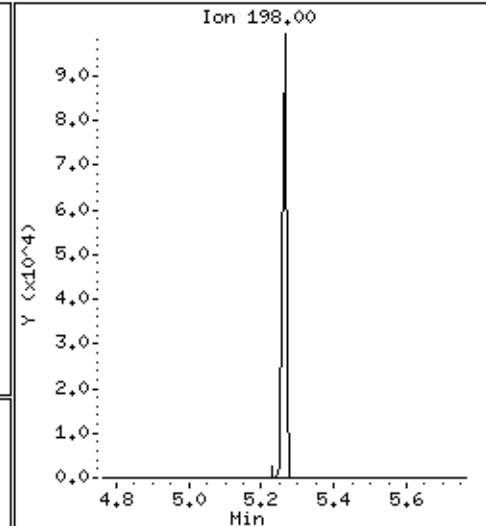
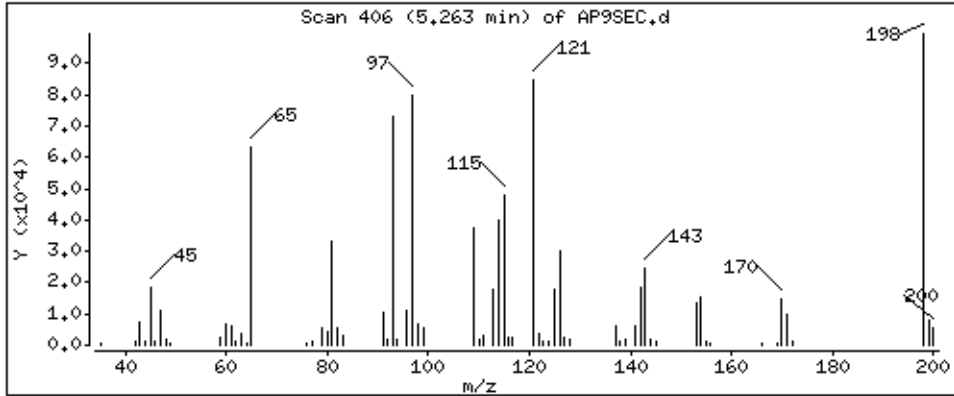
Operator: MJ

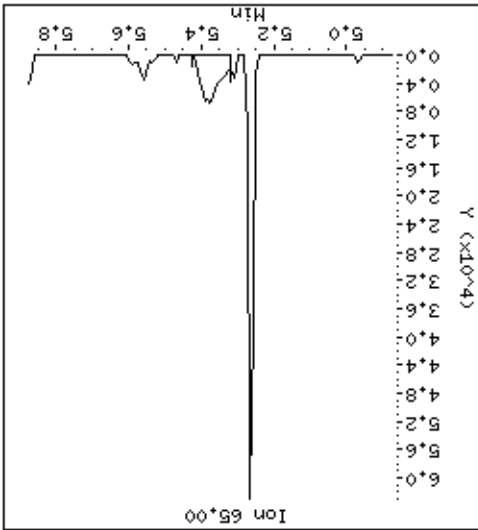
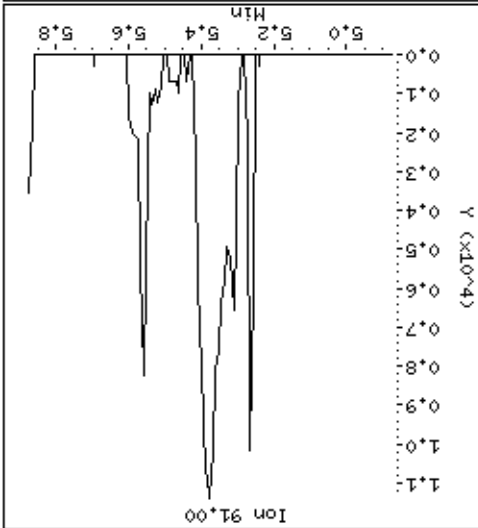
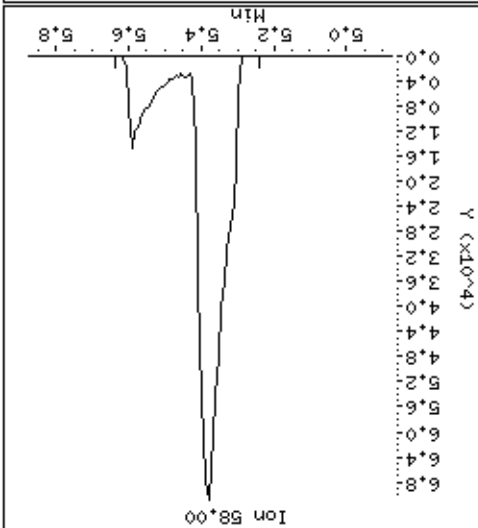
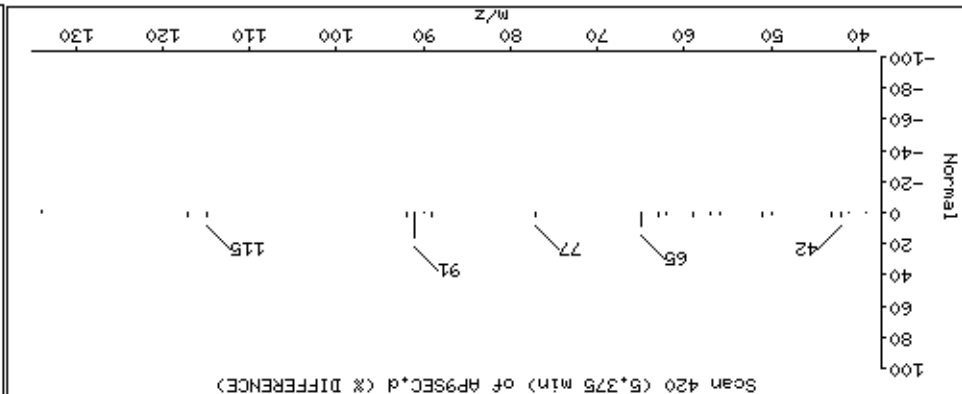
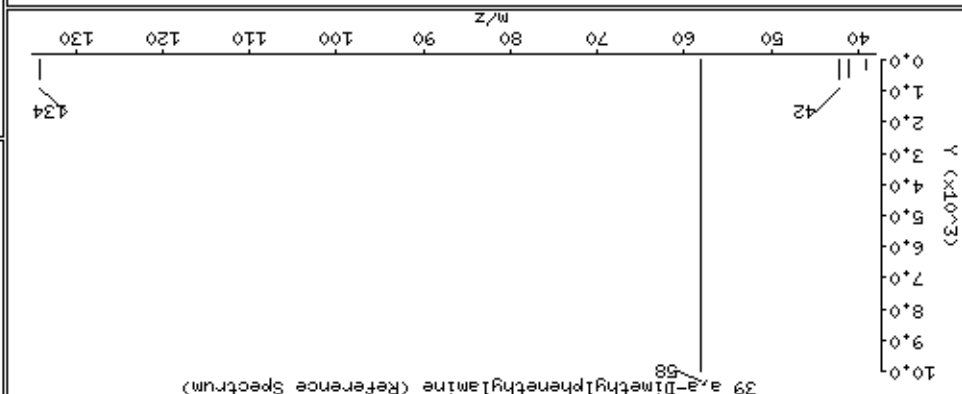
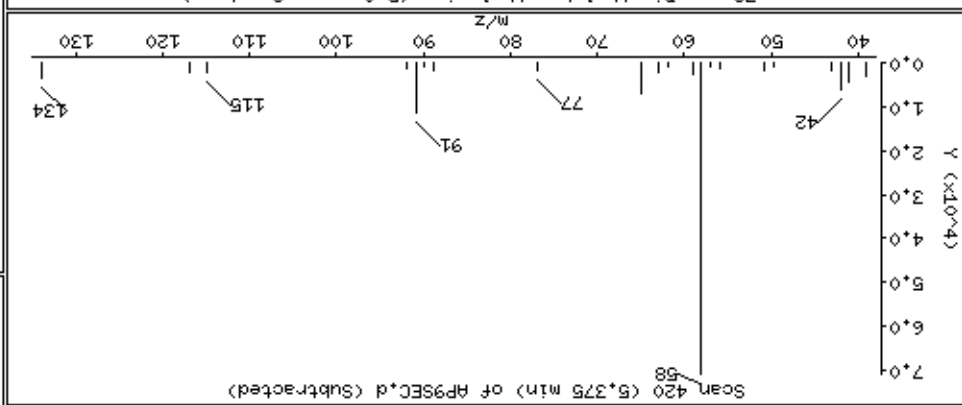
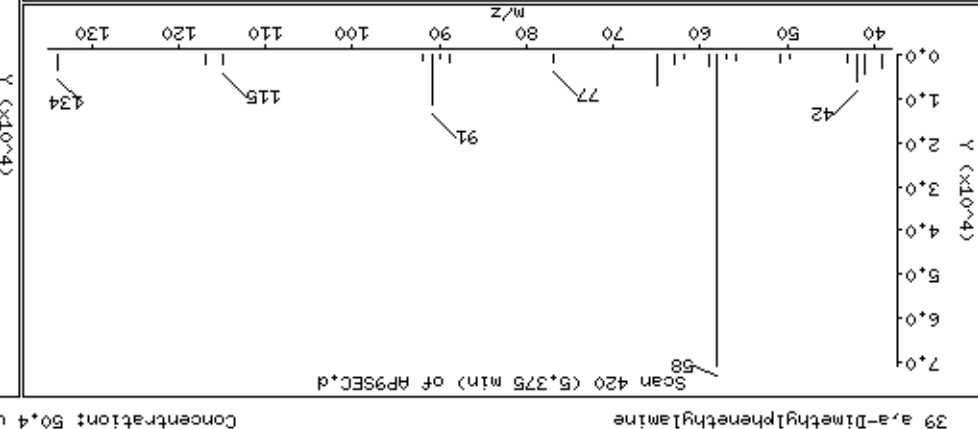
Column phase: HPMS-5

Column diameter: 0,25

37 o,o,o-Triethylphosphorothioate

Concentration: 45,7 ug/kg





Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

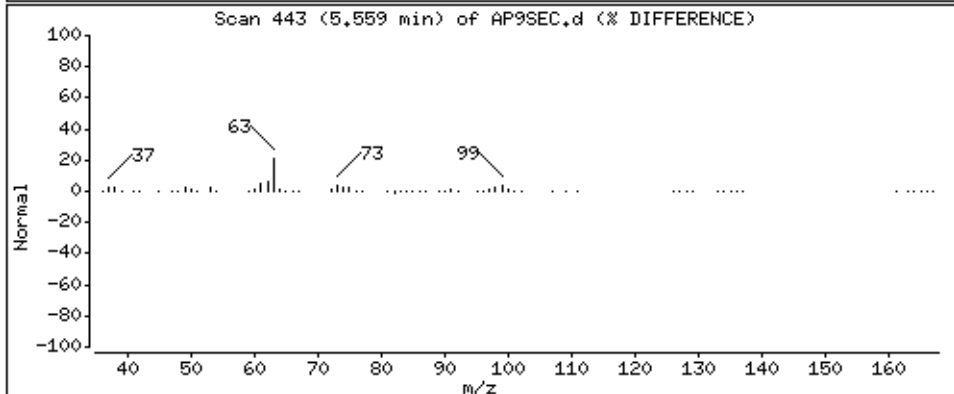
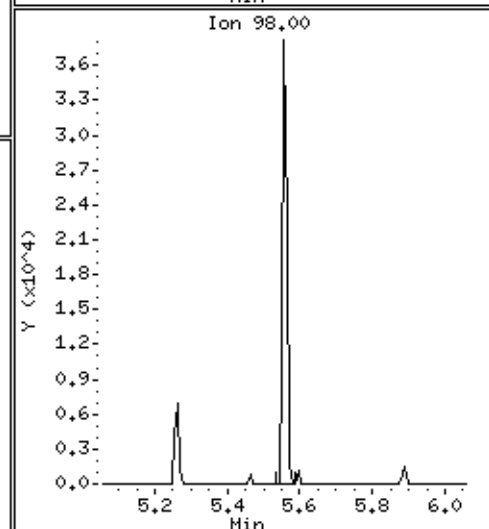
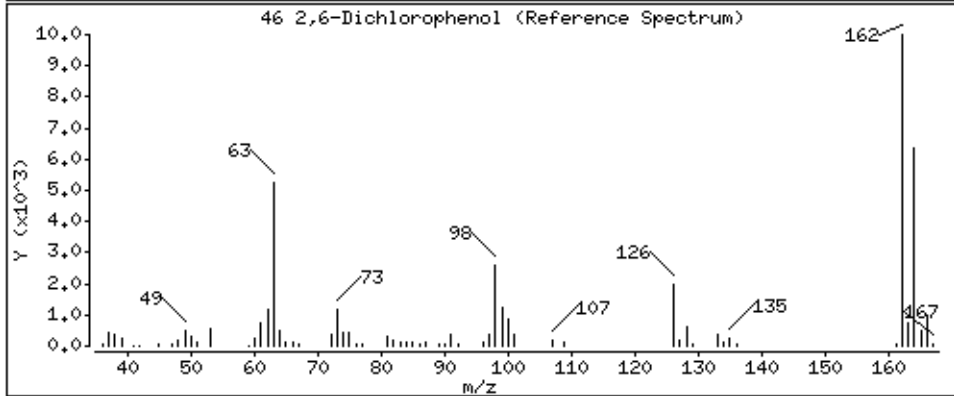
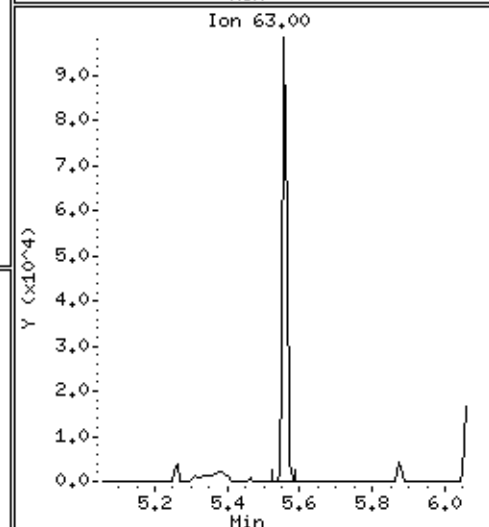
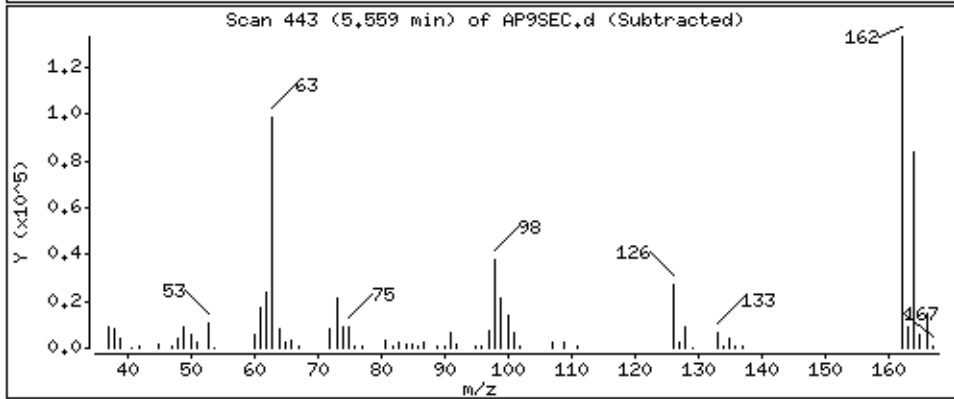
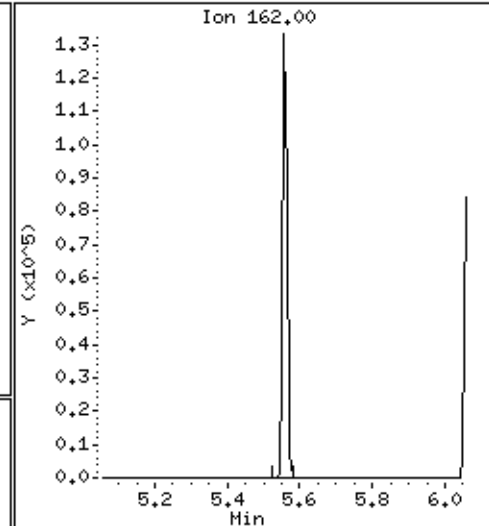
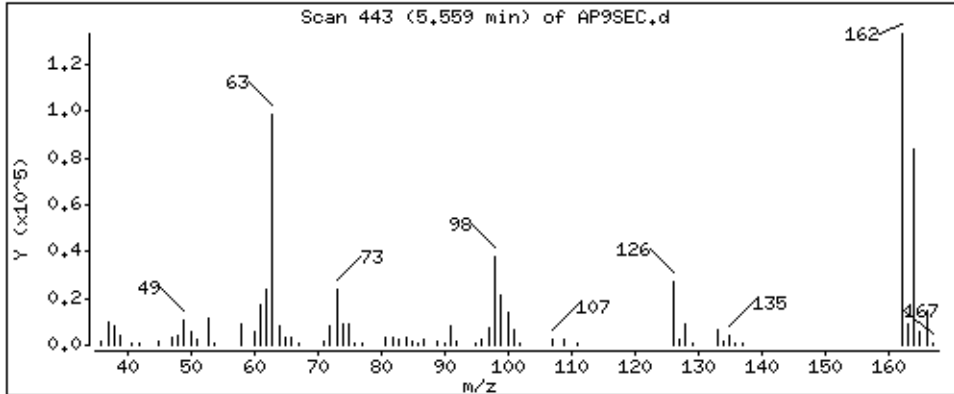
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

46 2,6-Dichlorophenol

Concentration: 49,1 ug/kg



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

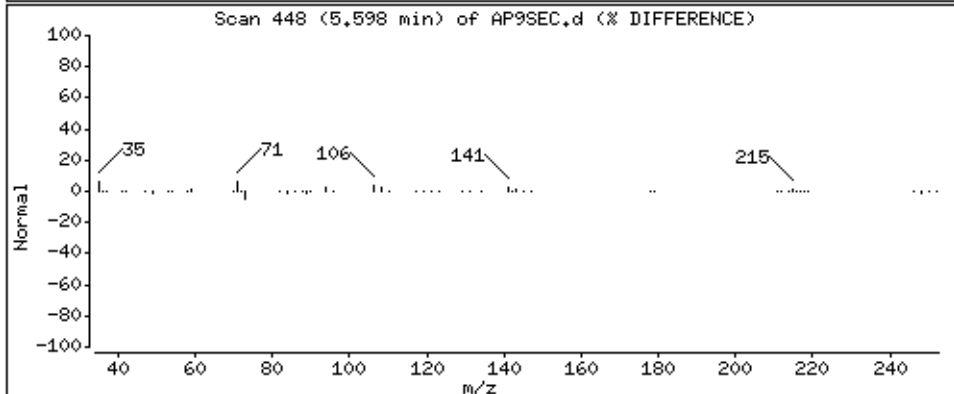
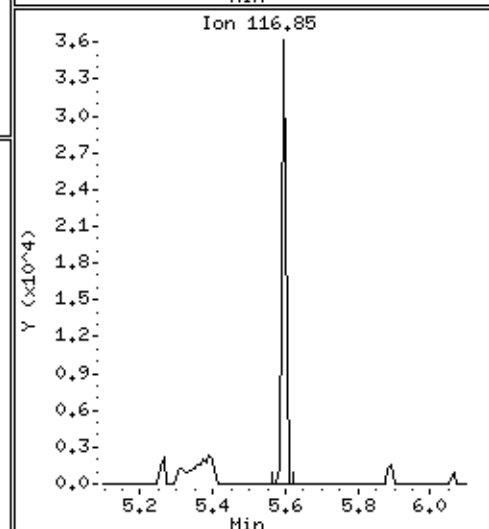
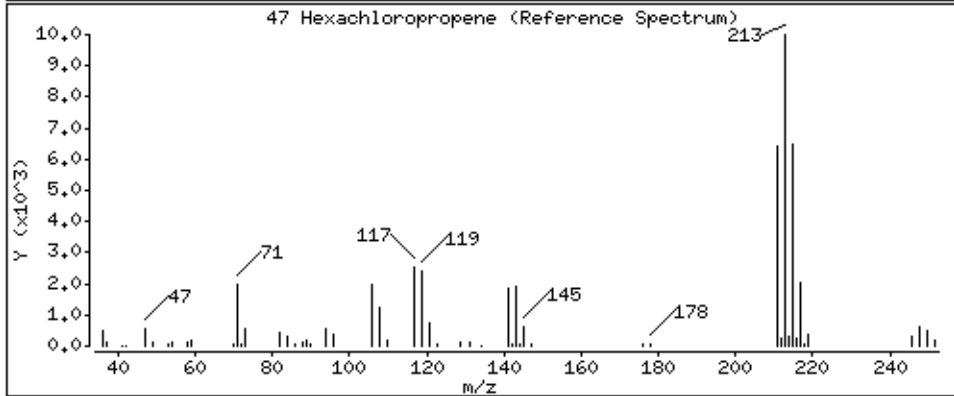
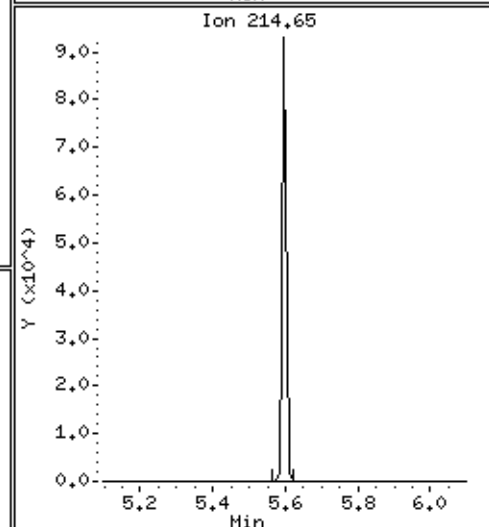
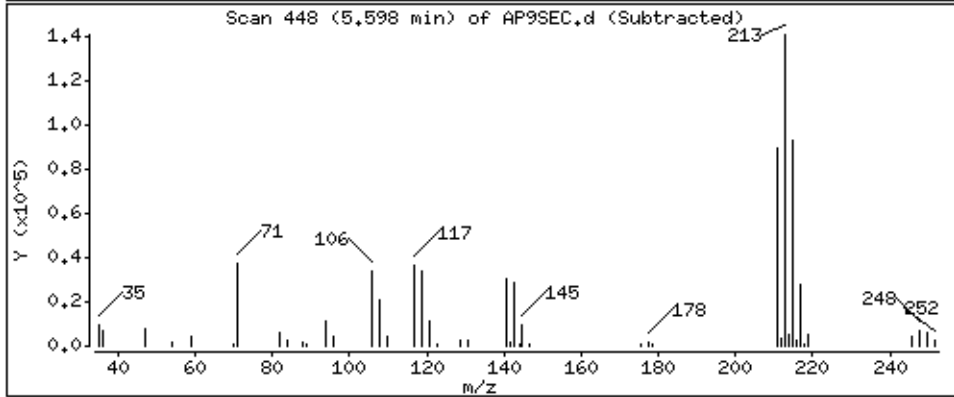
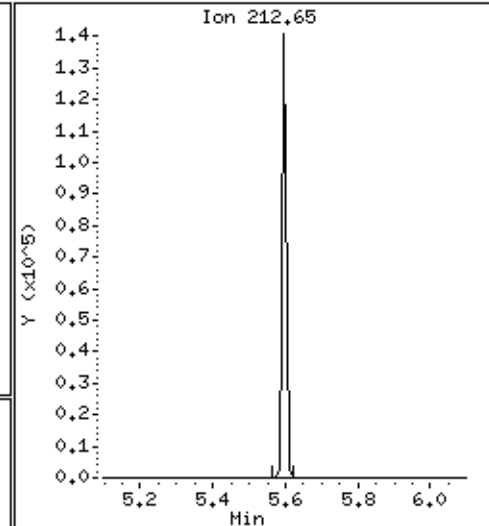
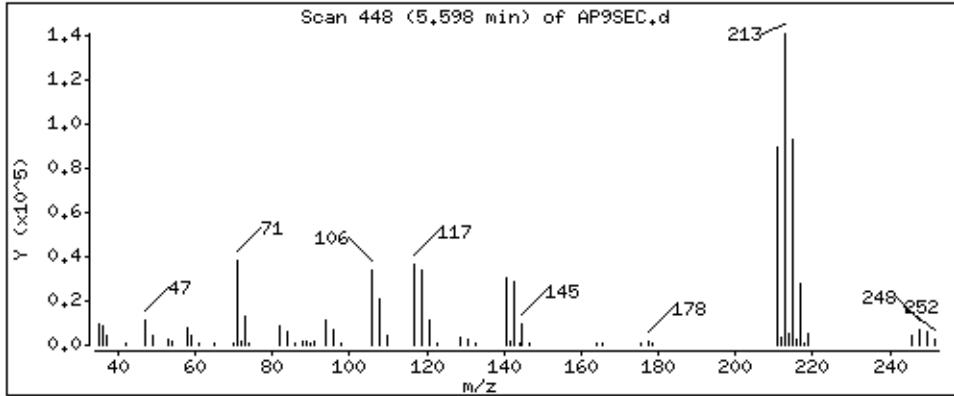
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

47 Hexachloropropene

Concentration: 49,0 ug/kg



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

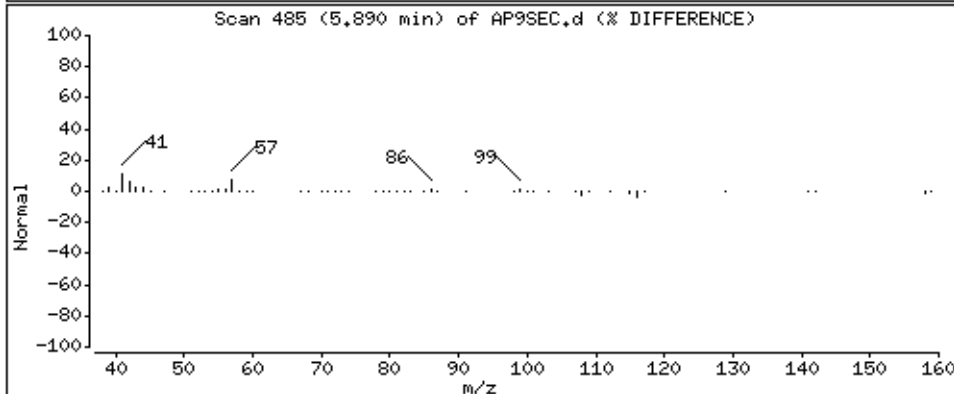
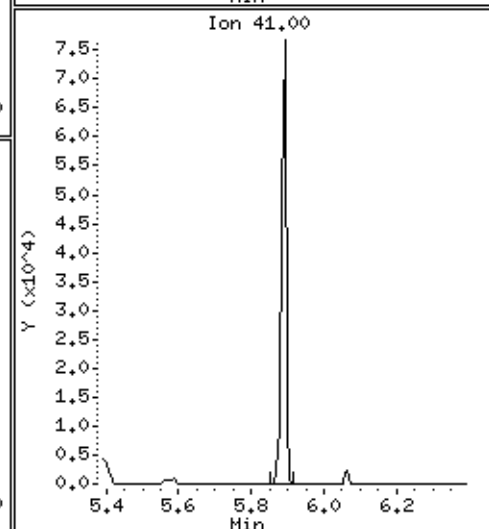
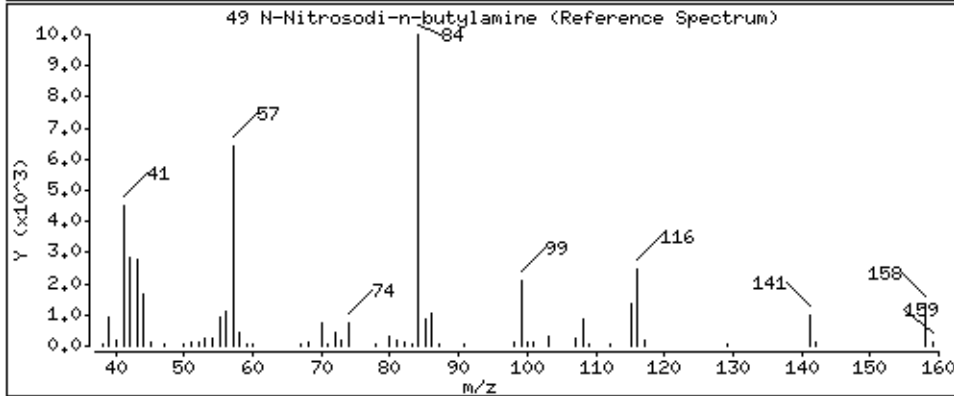
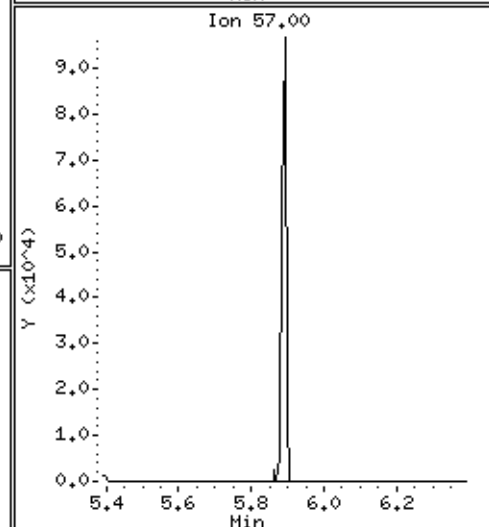
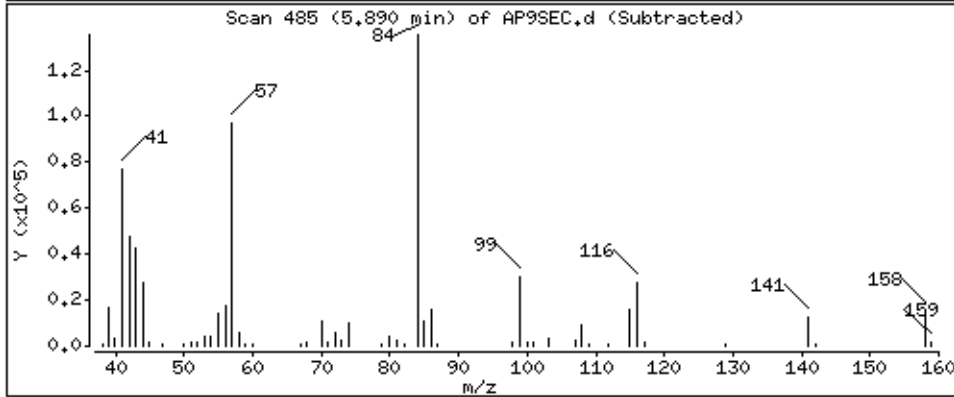
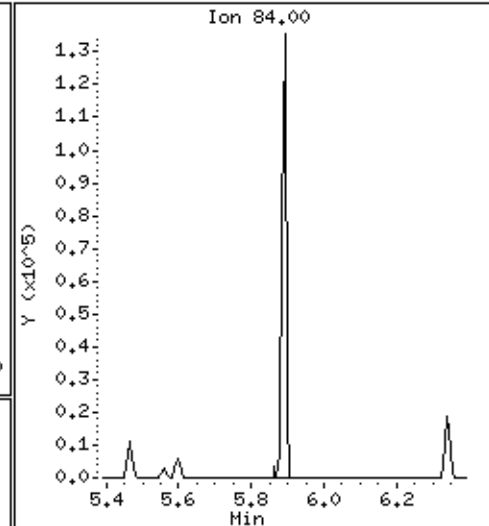
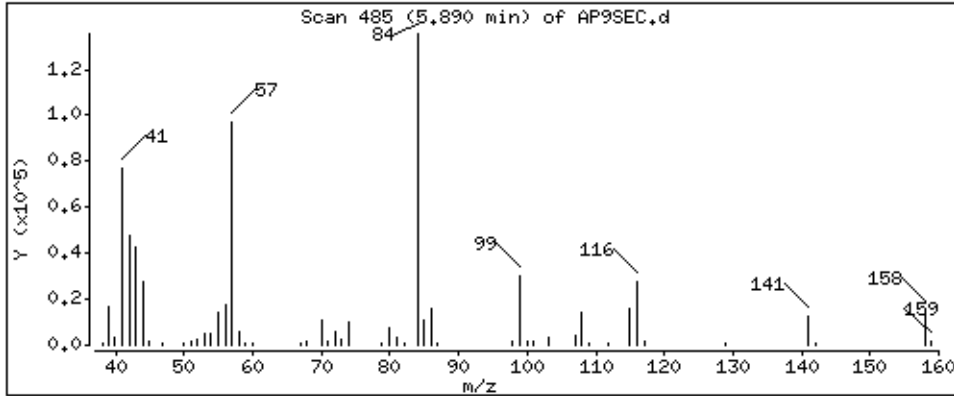
Operator: MJ

Column phase: HPMS-5

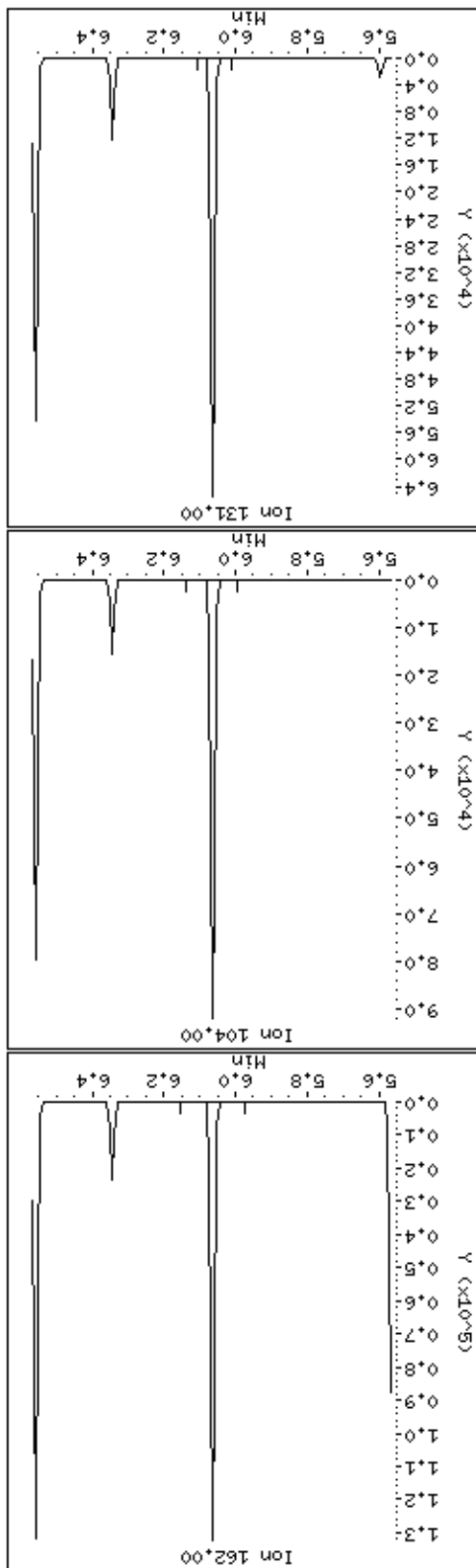
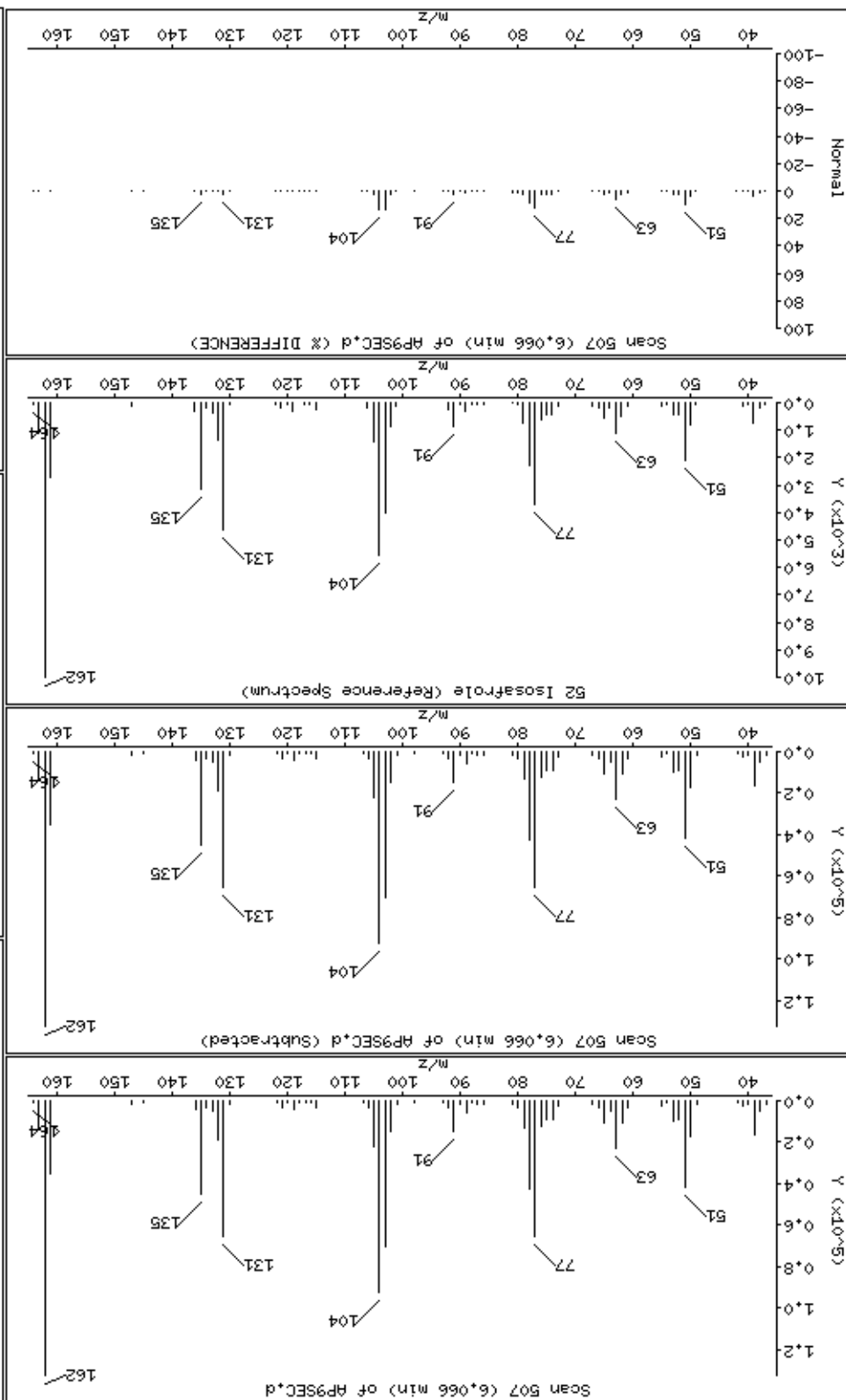
Column diameter: 0.25

49 N-Nitrosodi-n-butylamine

Concentration: 46.0 ug/kg



52 Isosafrole





Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

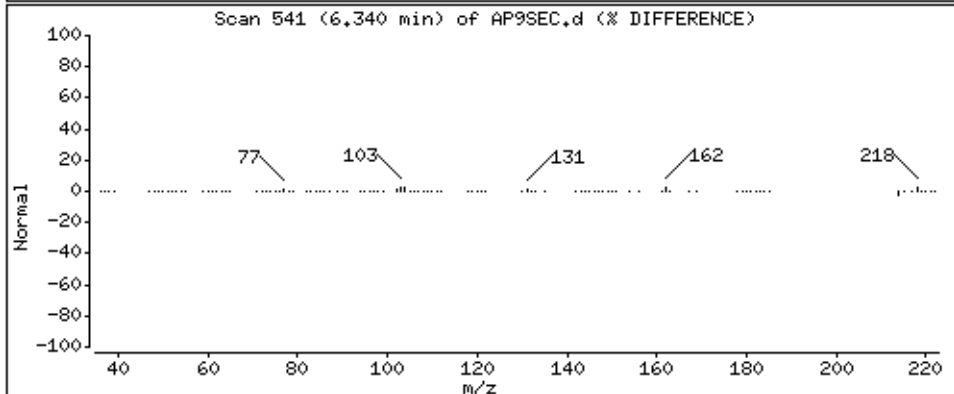
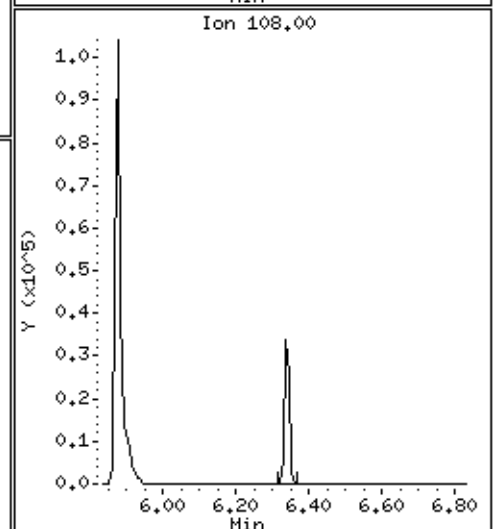
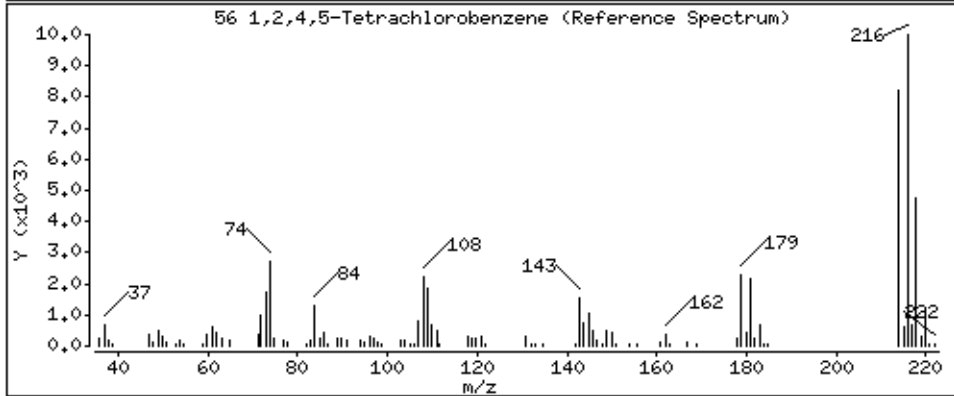
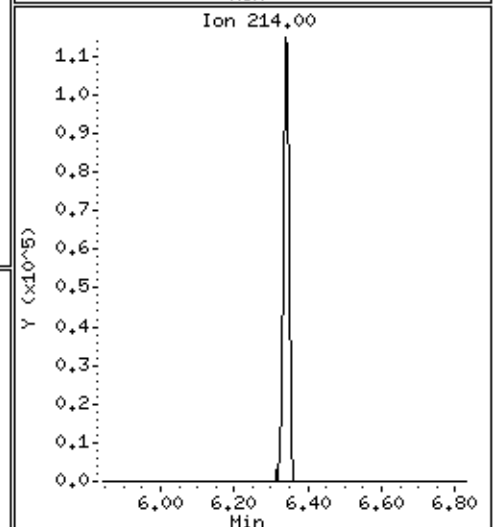
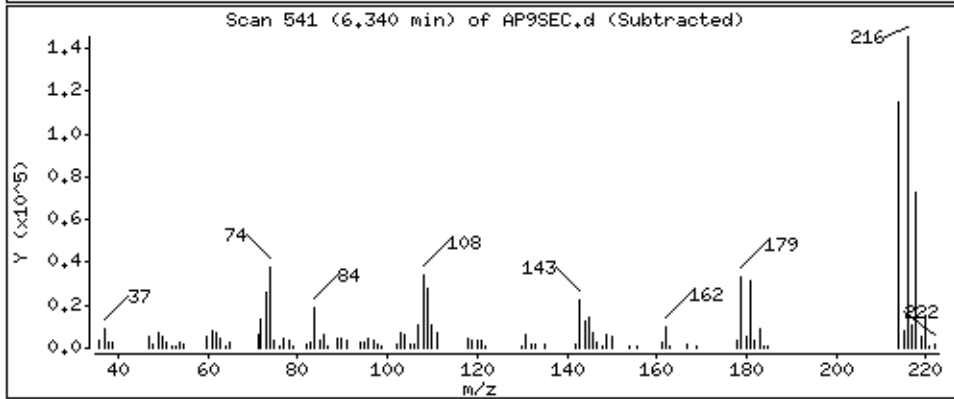
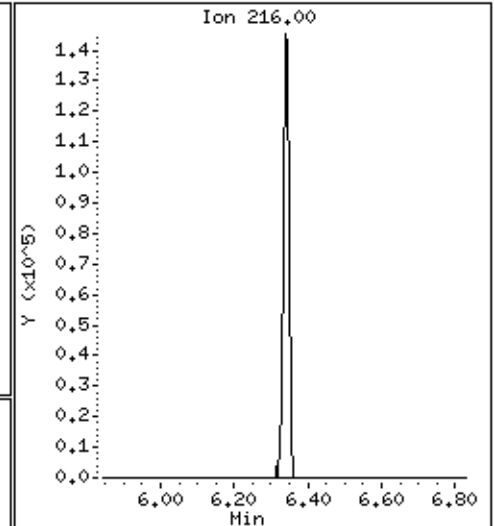
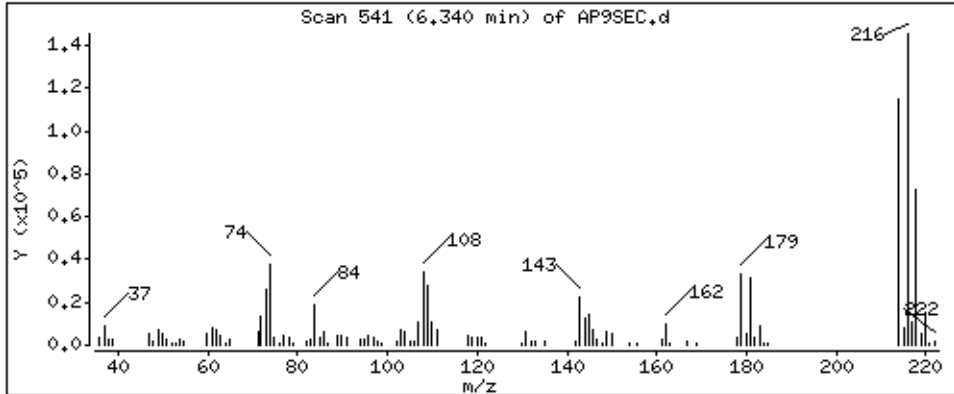
Operator: MJ

Column phase: HPMS-5

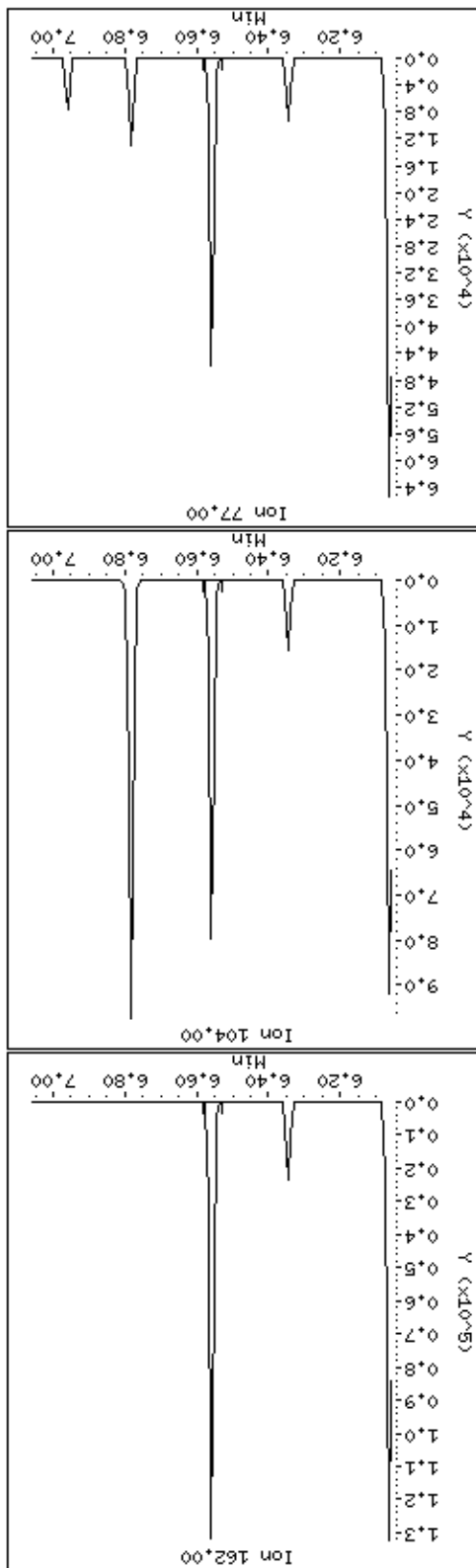
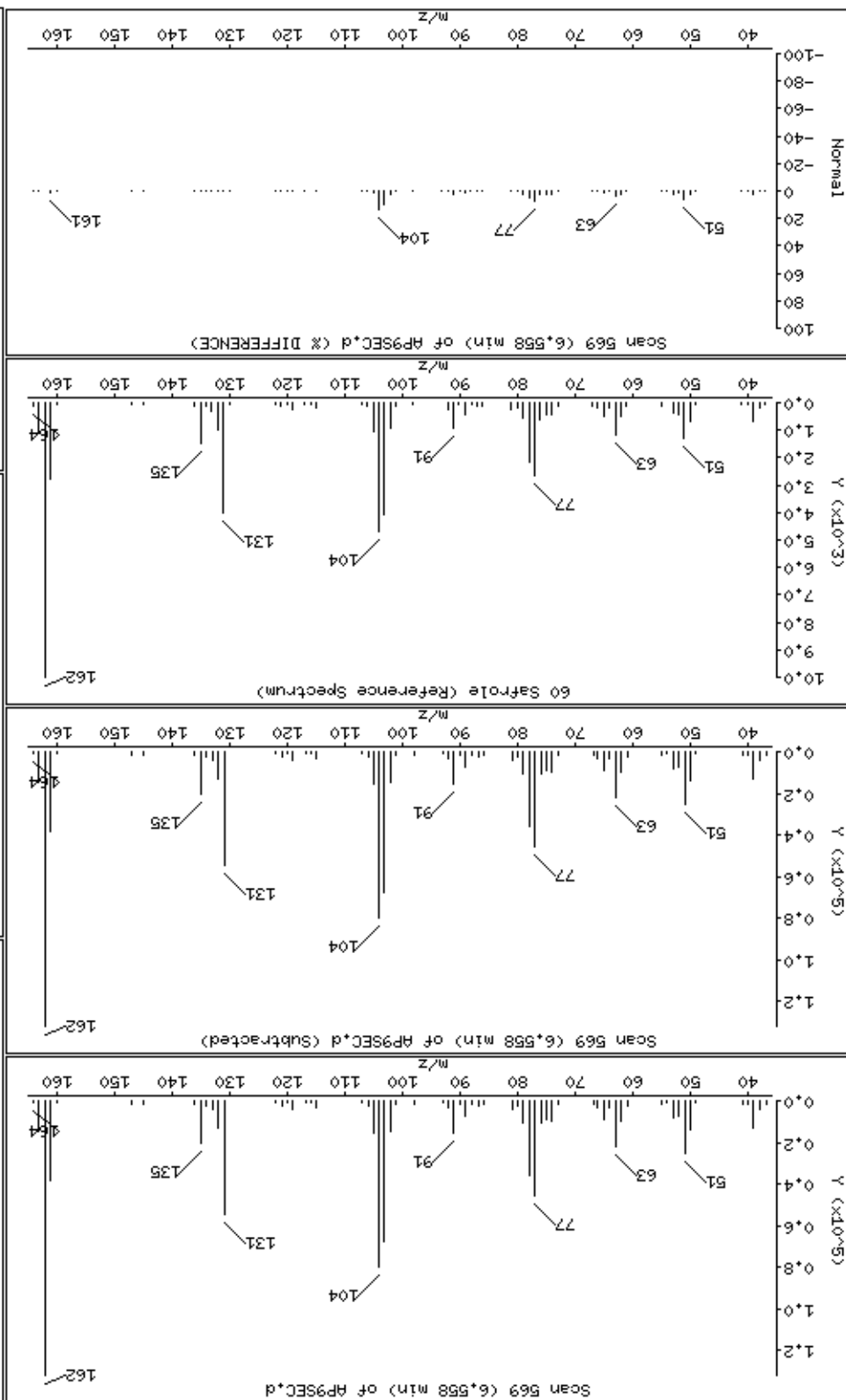
Column diameter: 0,25

56 1,2,4,5-Tetrachlorobenzene

Concentration: 45,8 ug/kg



60 Safrole



Ion 162.00

Ion 104.00

Ion 77.00

Ion 63.00

Ion 51.00

Ion 35.00

Ion 29.00

Ion 162.00

Ion 104.00

Ion 77.00

Ion 63.00

Ion 51.00

Ion 35.00

Ion 29.00

Ion 162.00

Ion 104.00

Ion 77.00

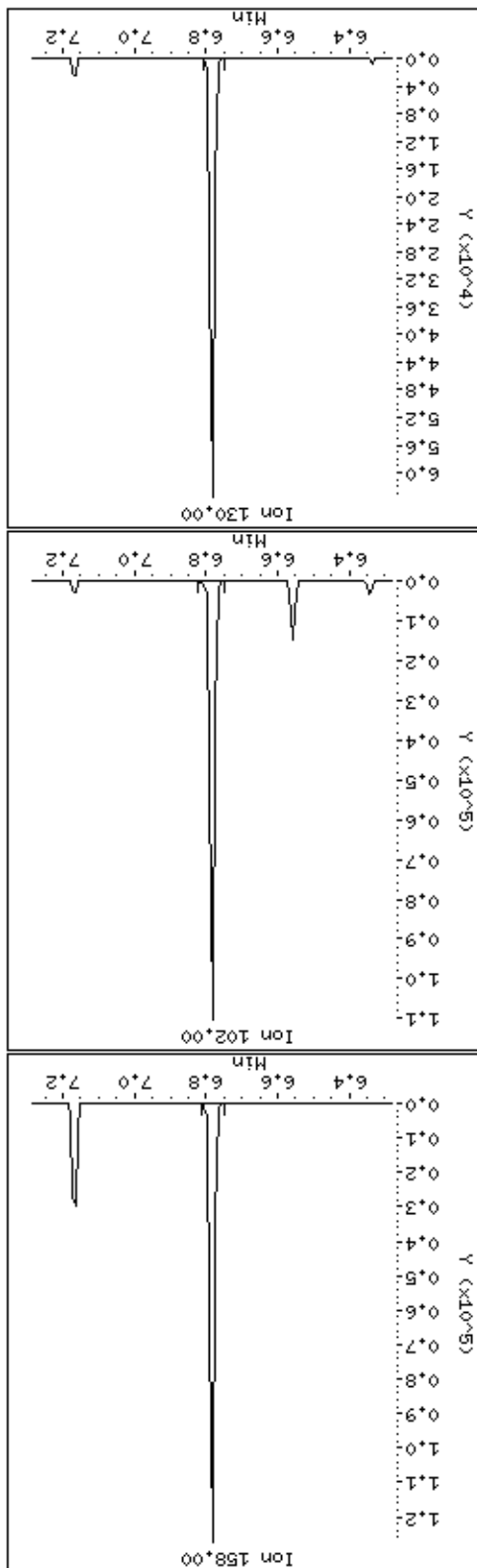
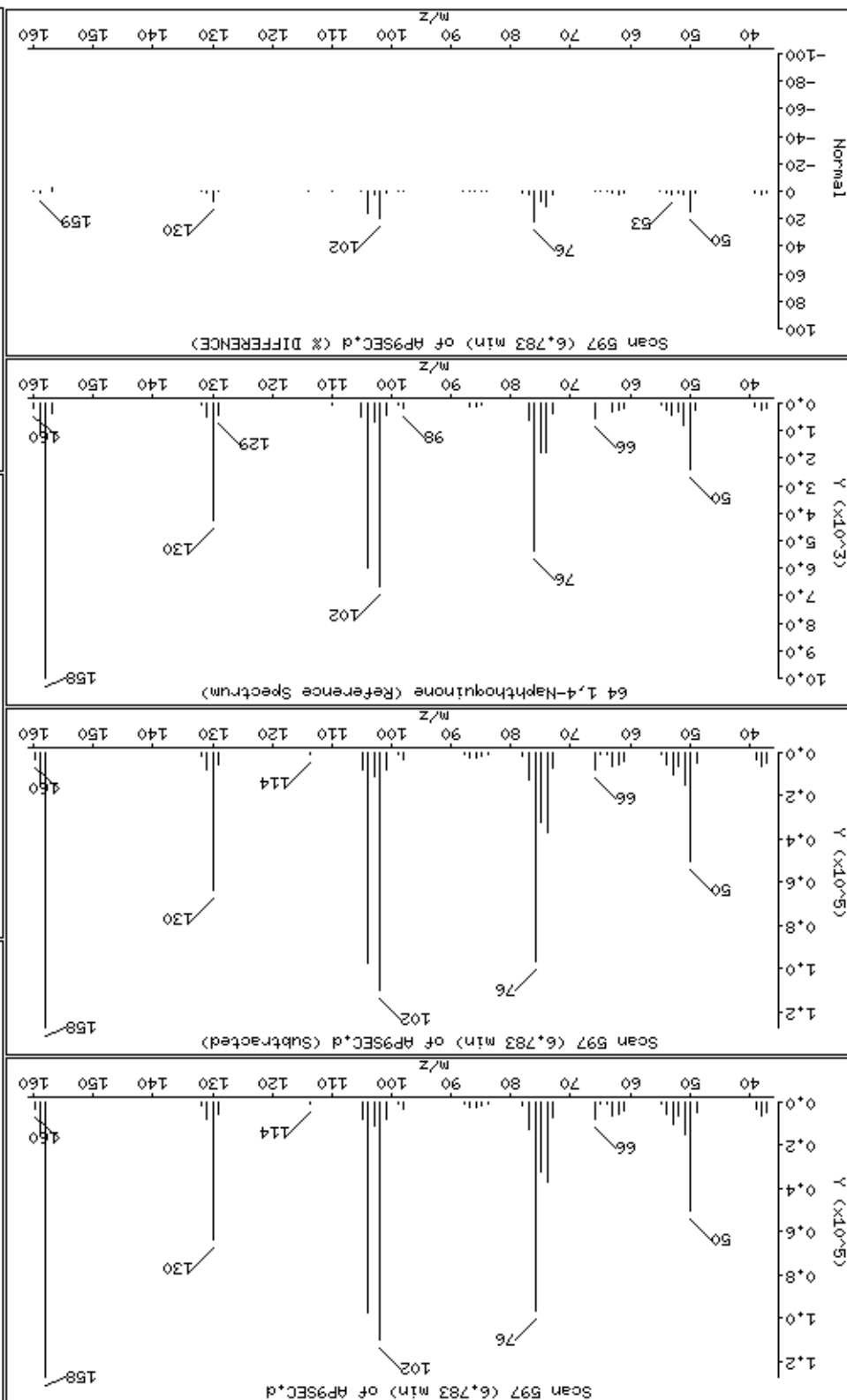
Ion 63.00

Ion 51.00

Ion 35.00

Ion 29.00

64 1,4-Naphthoquinone



Date: 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.1

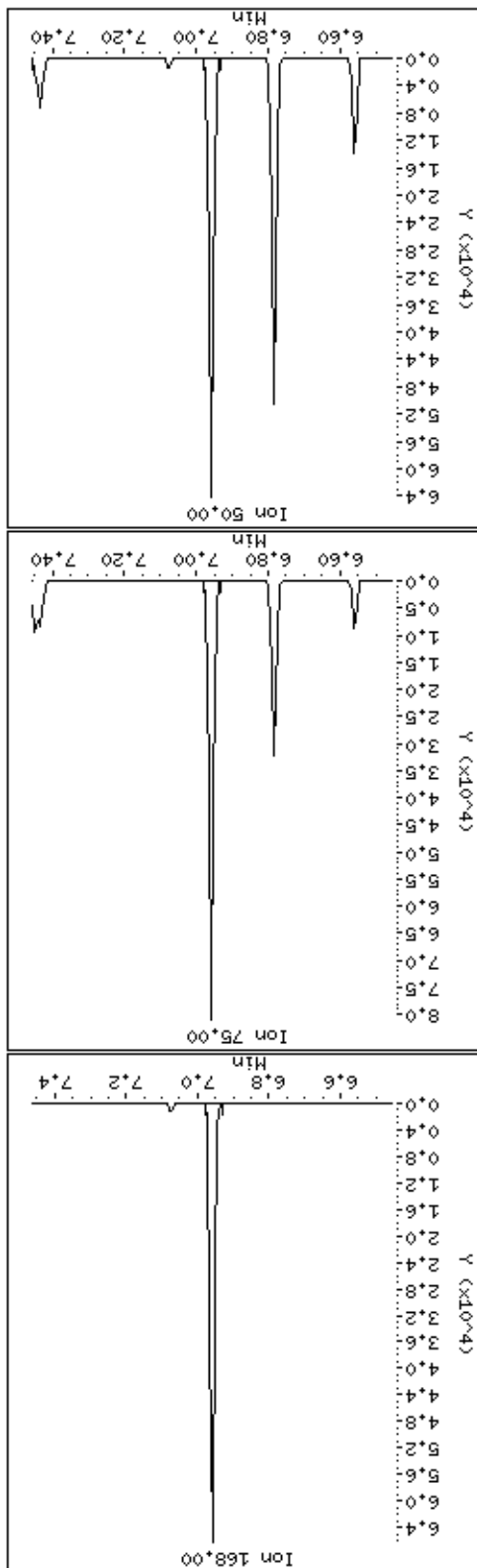
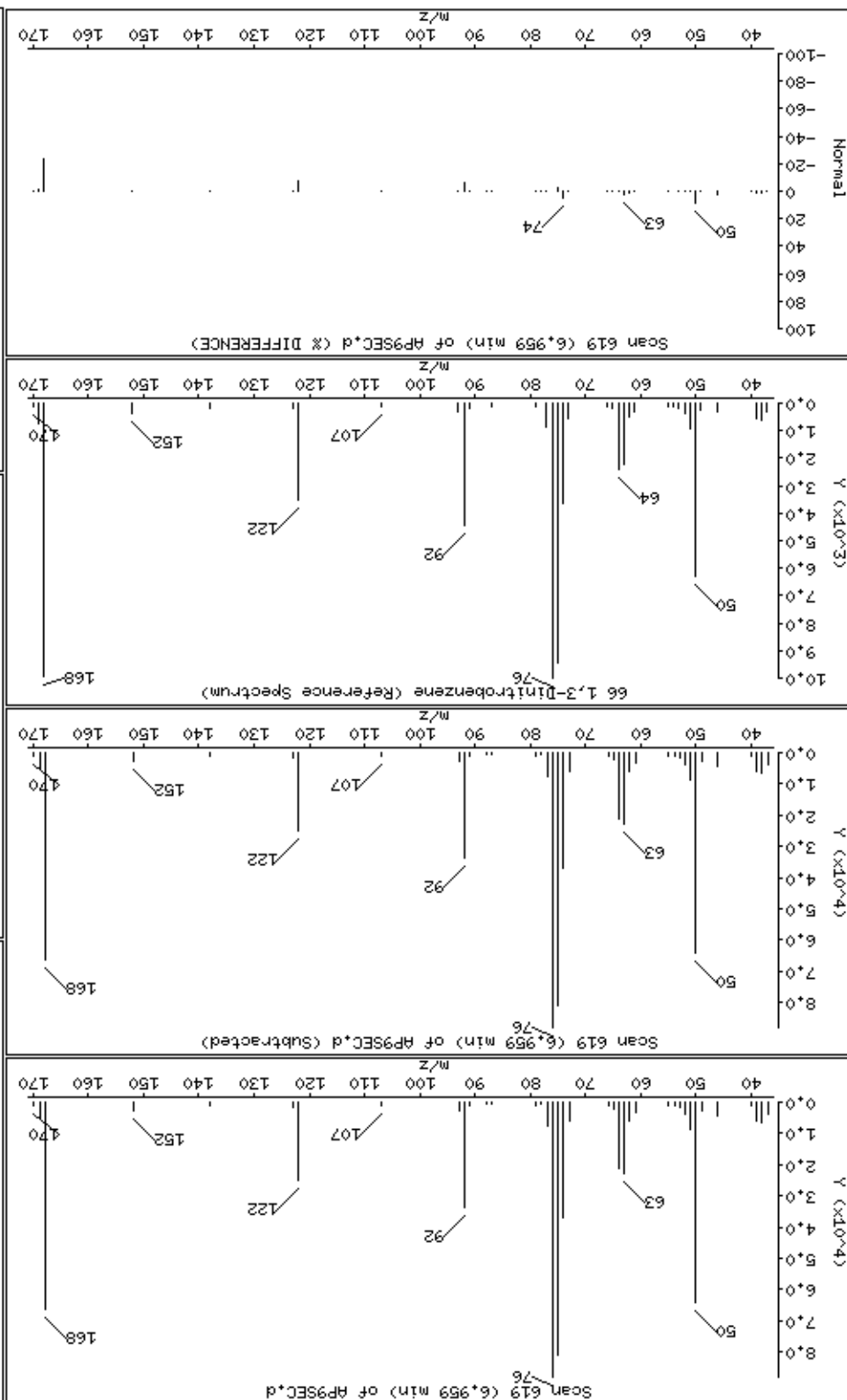
Sample Info: 47943

Operator: MJ

Column diameter: 0.25

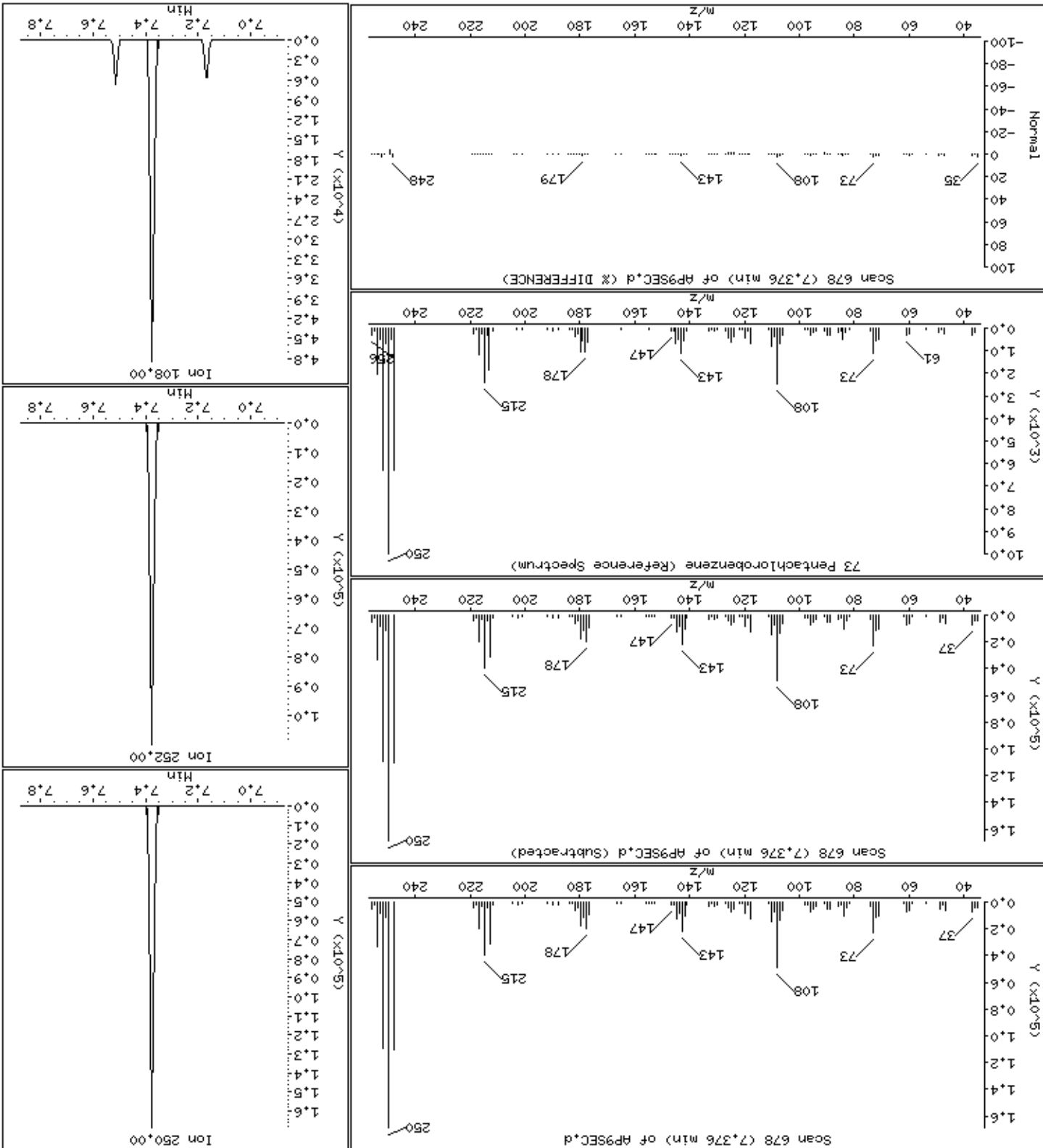
66 1,3-Dinitrobenzene

Concentration: 53.7 ug/kg

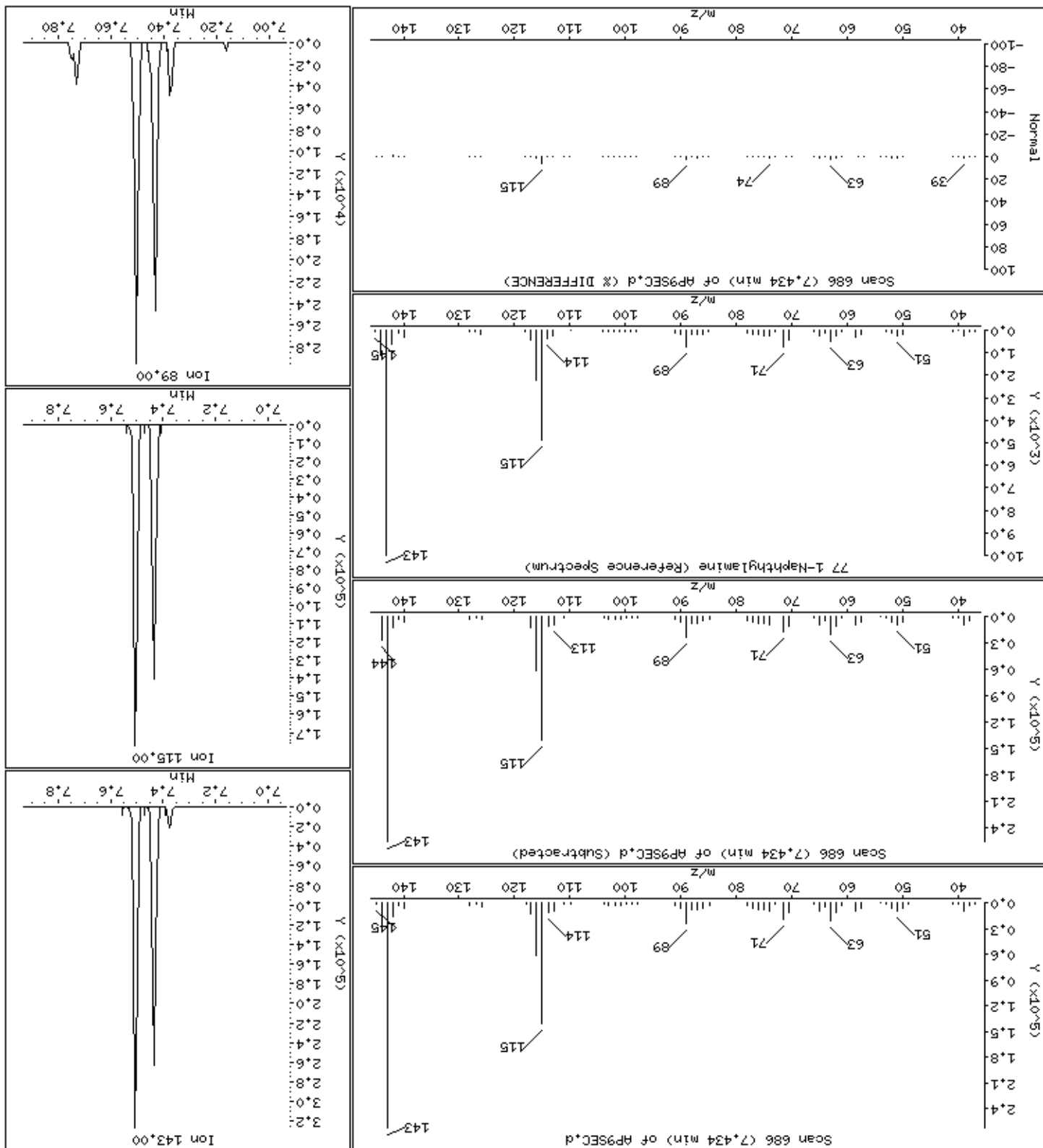


73 Pentachlorobenzene

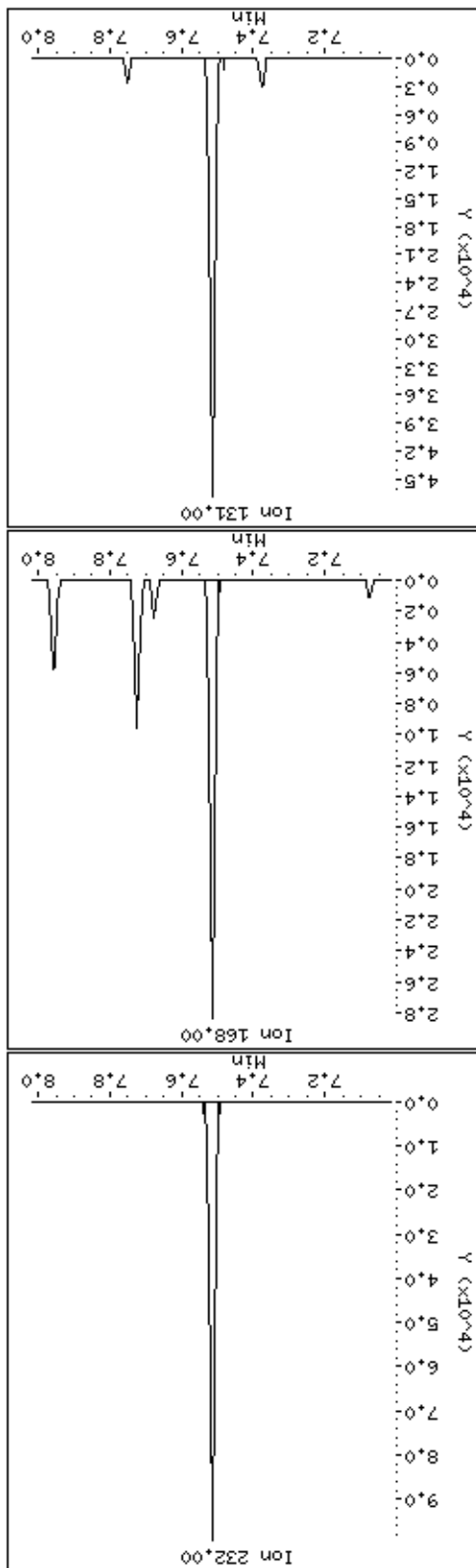
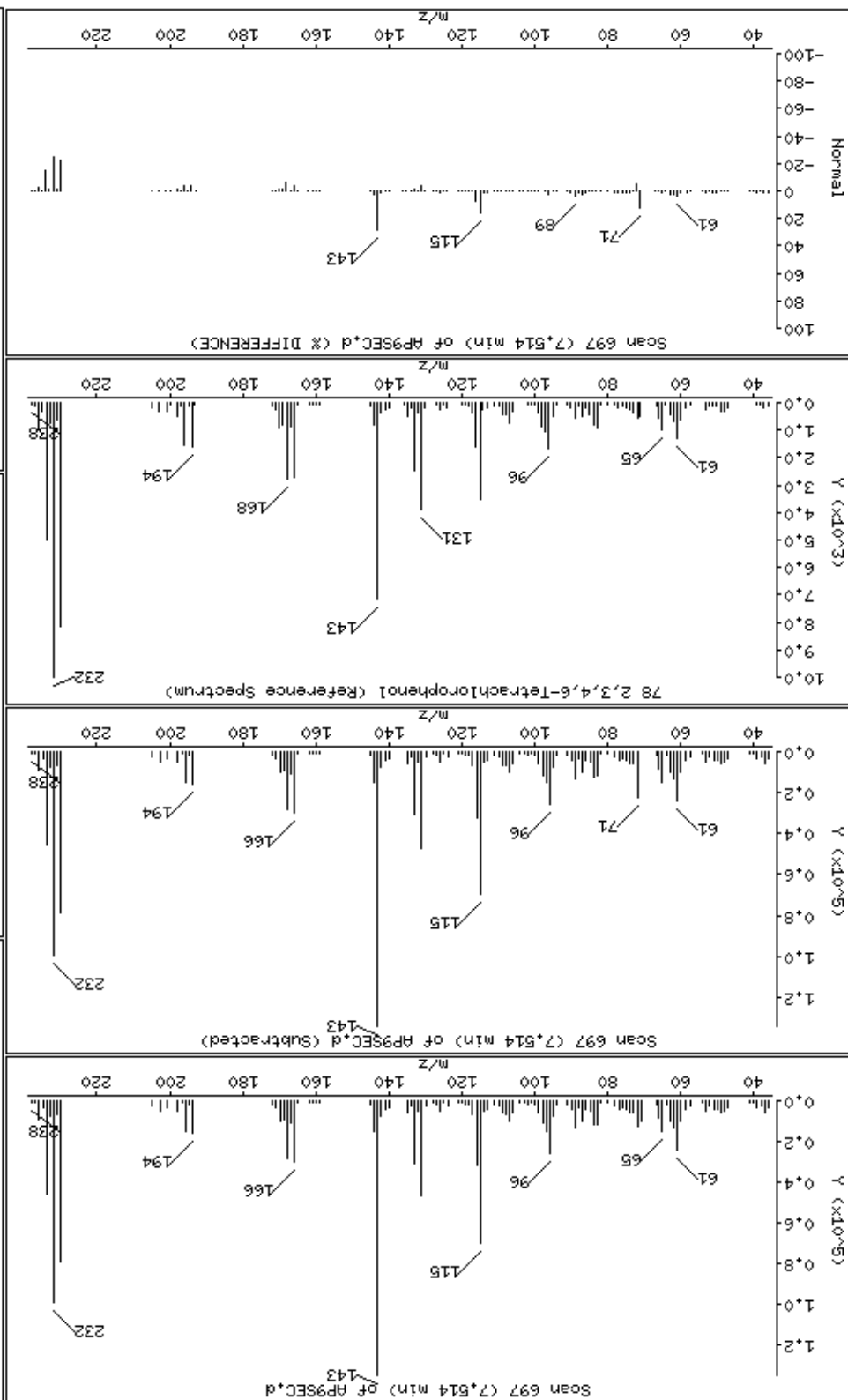
Column phase: HPMS-5



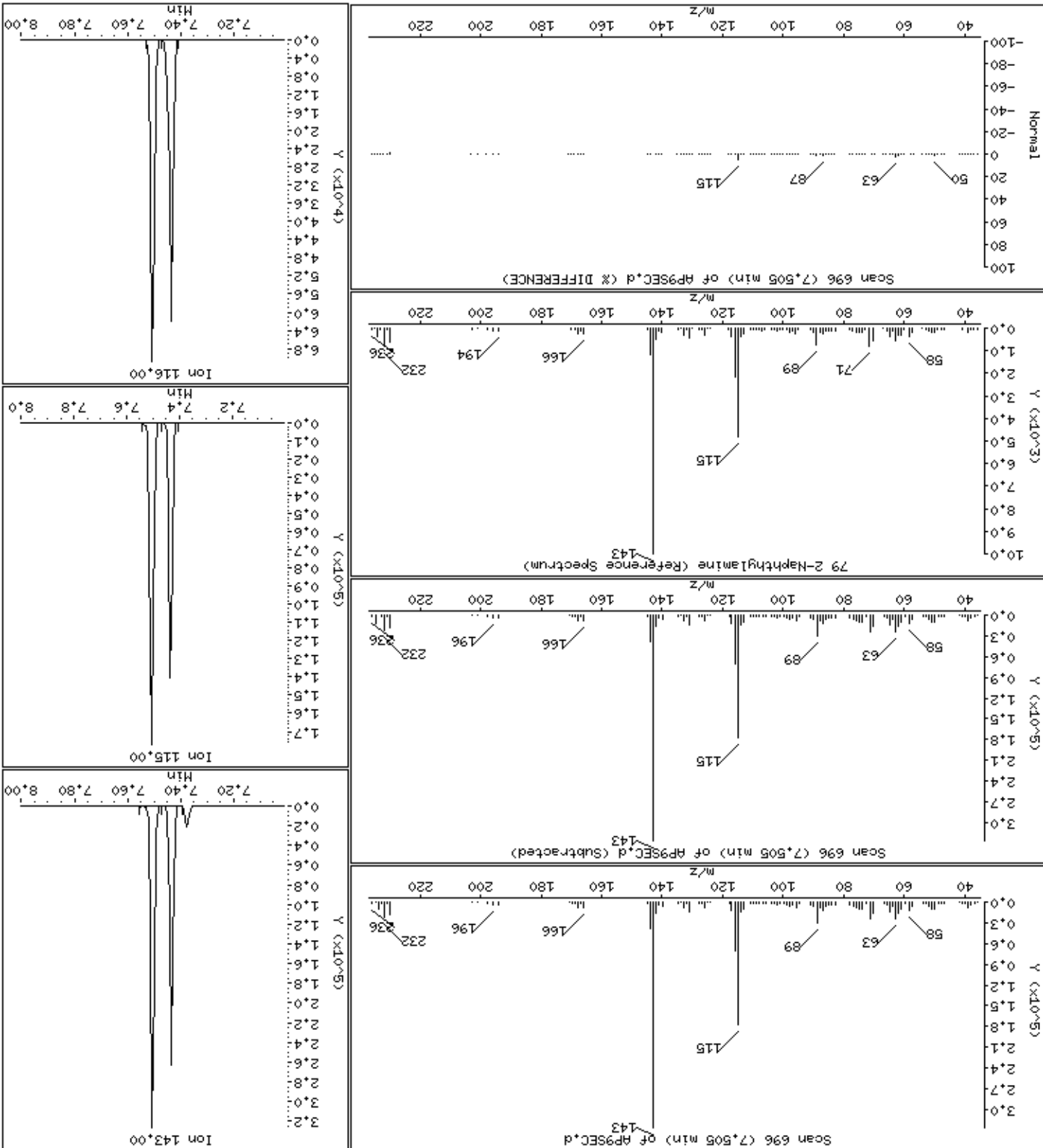
77-1-Naphthylamine



78 2,3,4,6-Tetrachlorophenol



79-2-Naphthylamine





Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

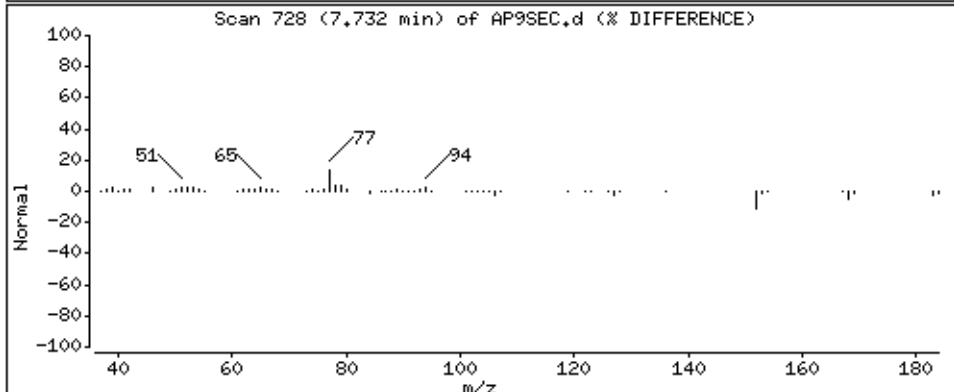
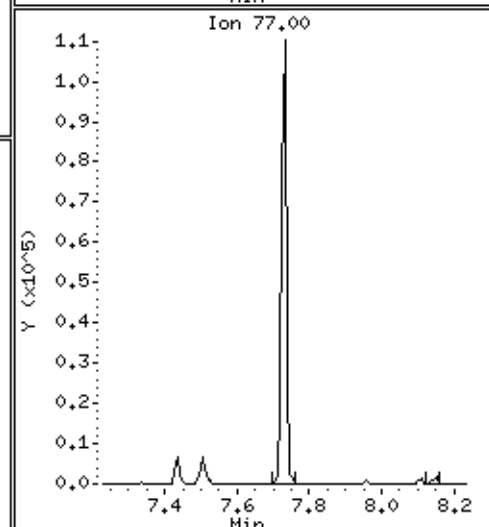
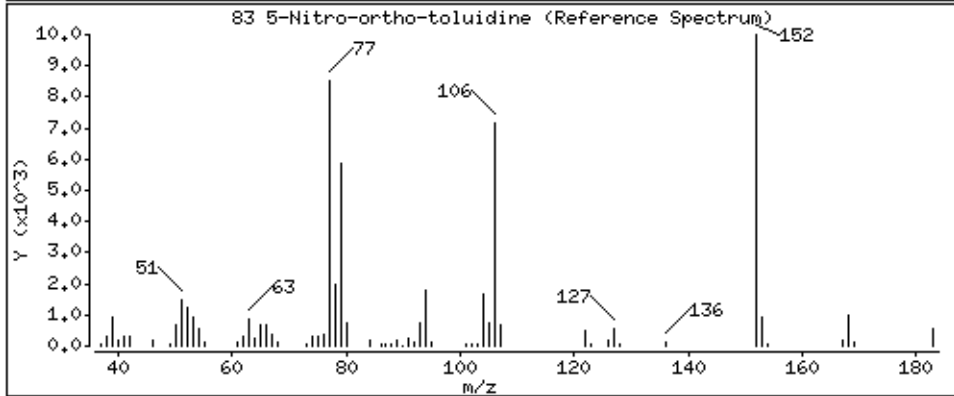
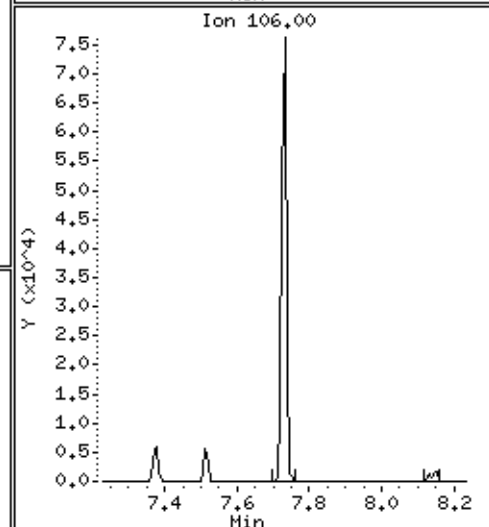
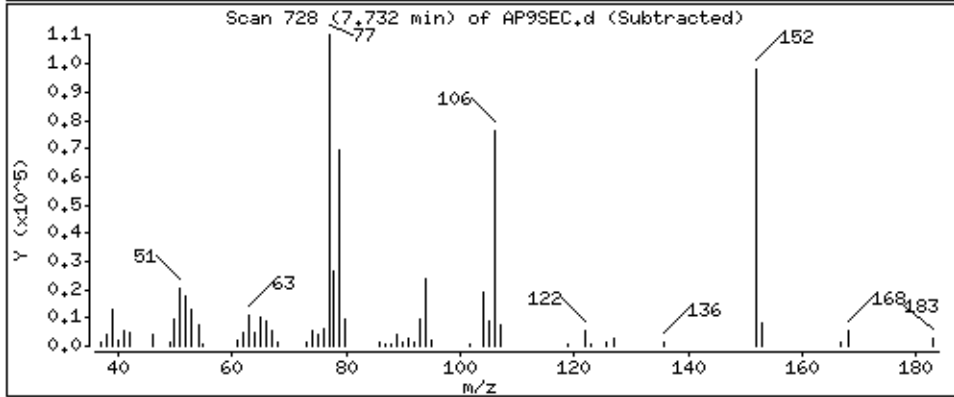
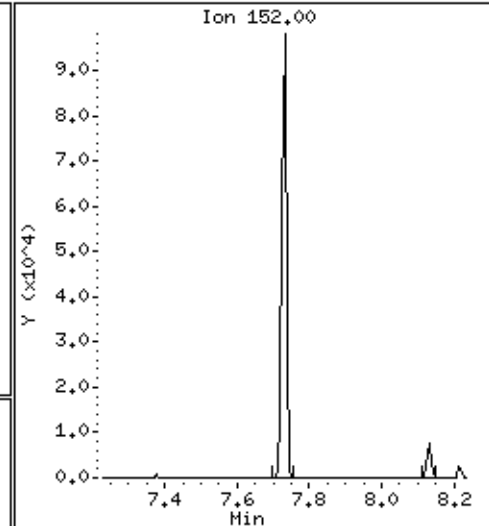
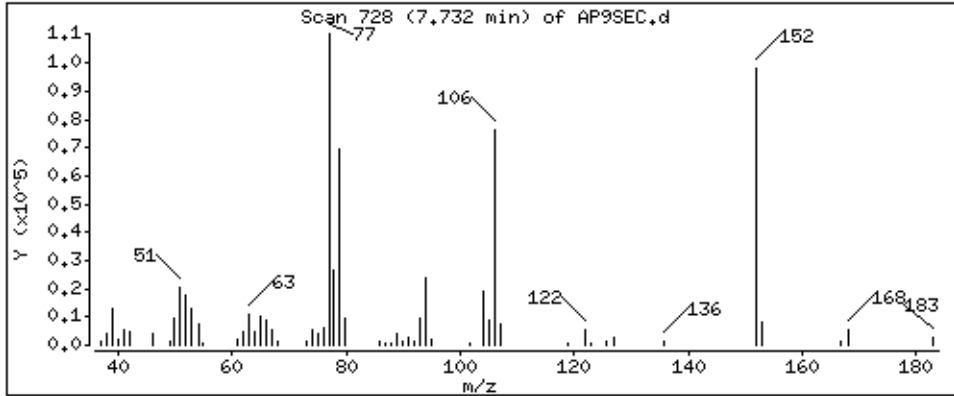
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

83 5-Nitro-ortho-toluidine

Concentration: 46,6 ug/kg



Date: 15-NOV-2012 11:51

Client ID: AP9SEC

Sample Info: 47943

Operator: MJ

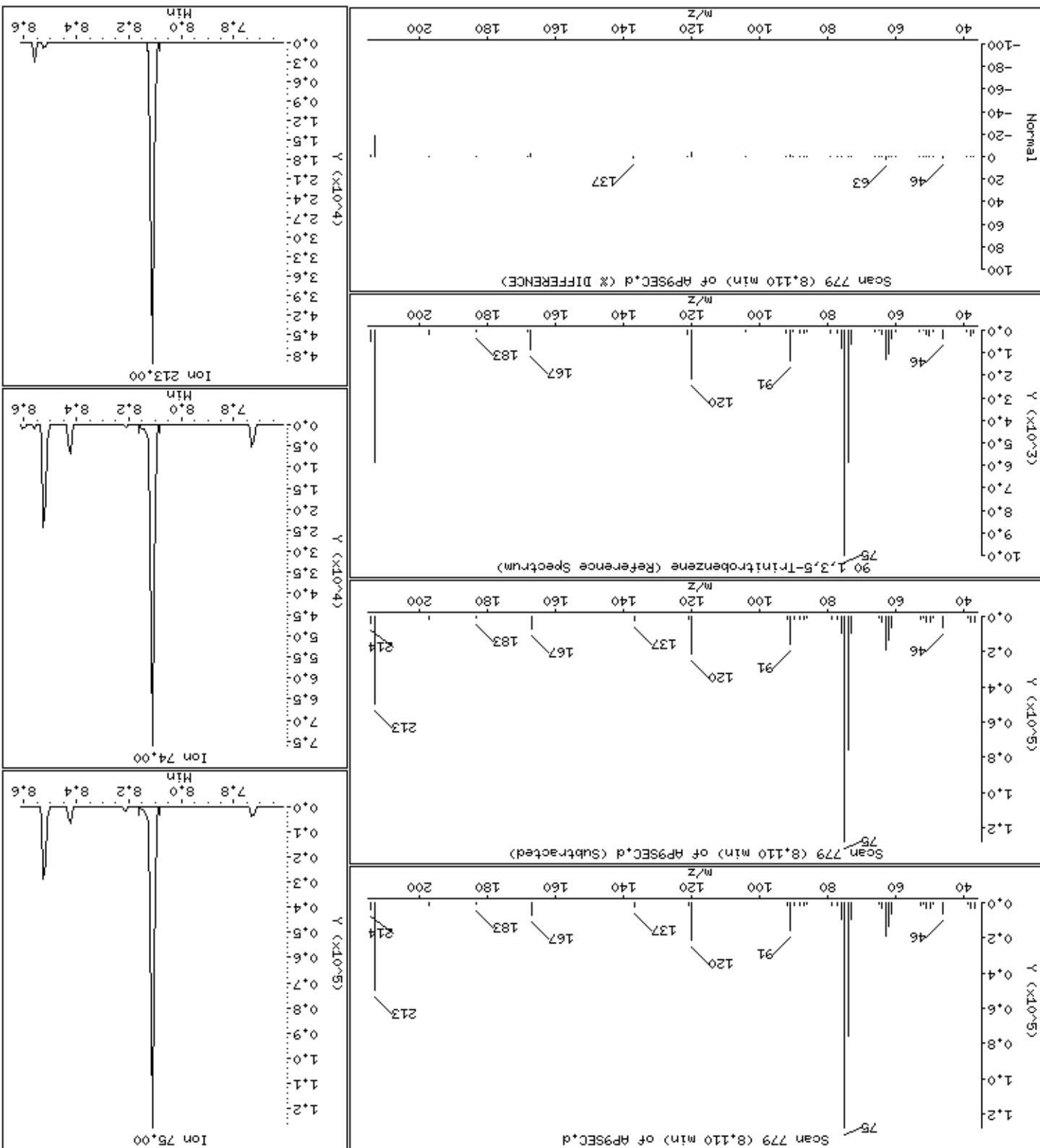
Column diameter: 0.25

Concentration: 26.1 ug/kg

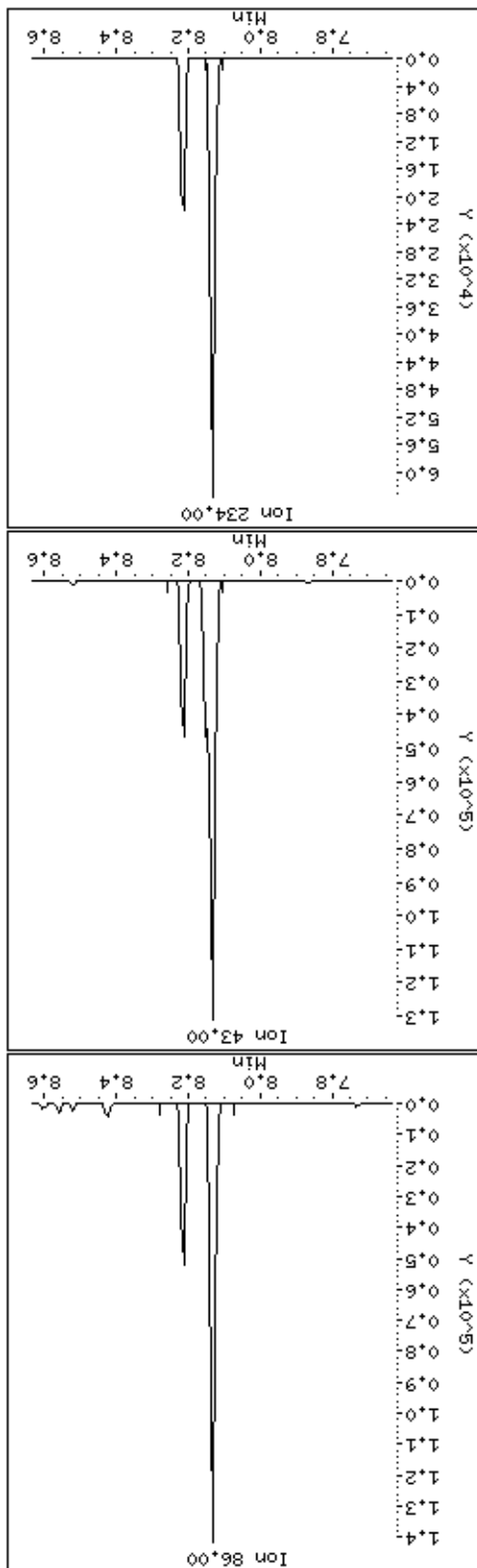
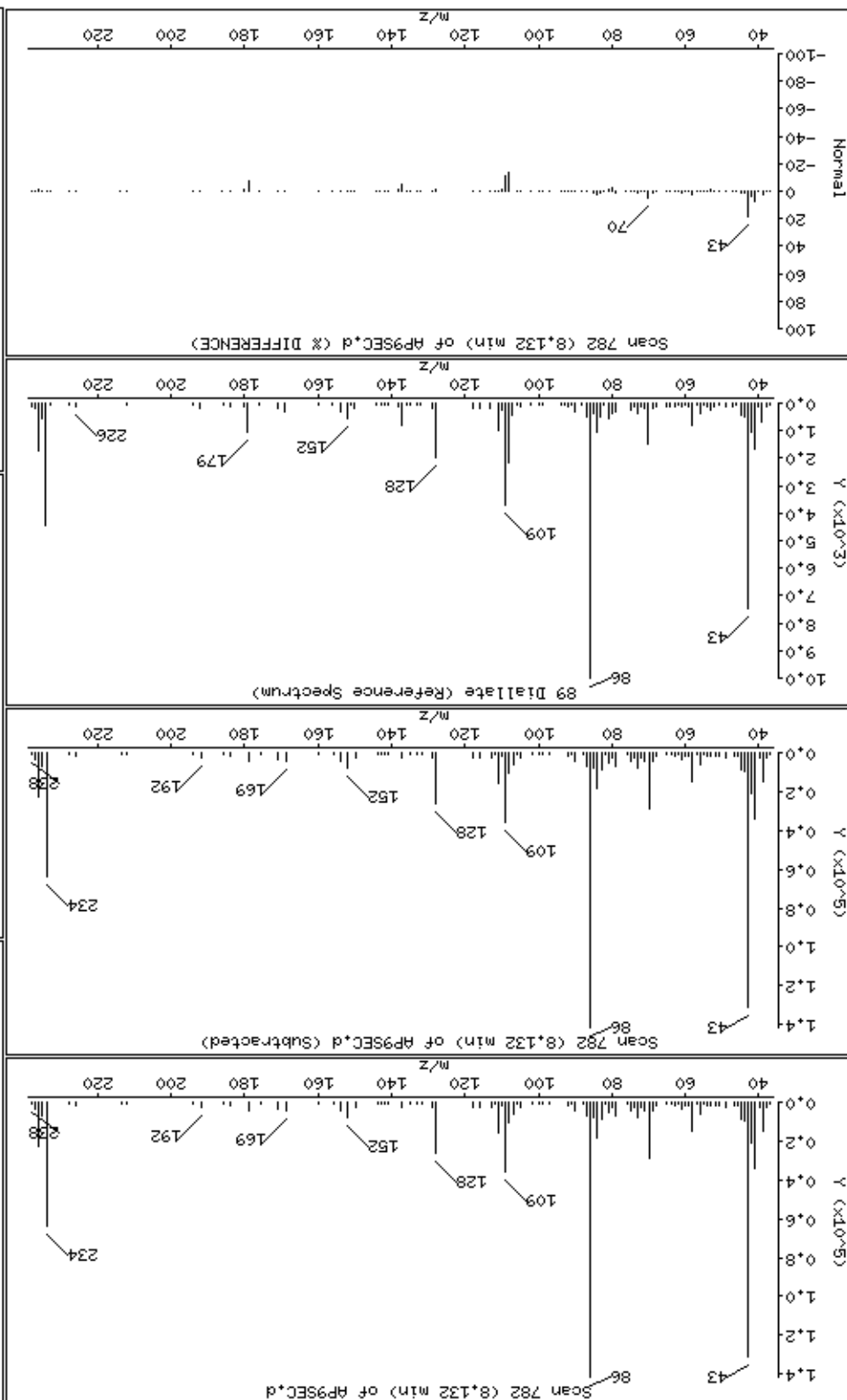
Instrument: smsd04.1

90 1,3,5-Trinitrobenzene

Column phase: HPMS-5



89 Diallate



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

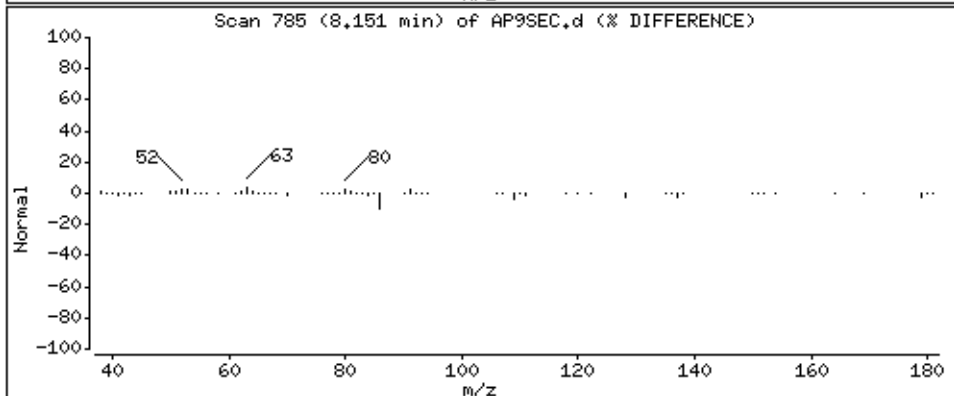
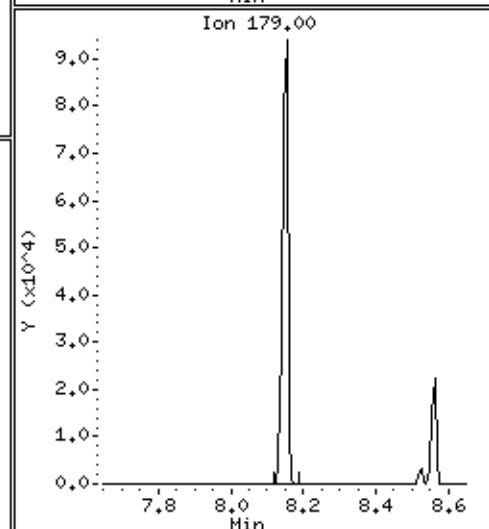
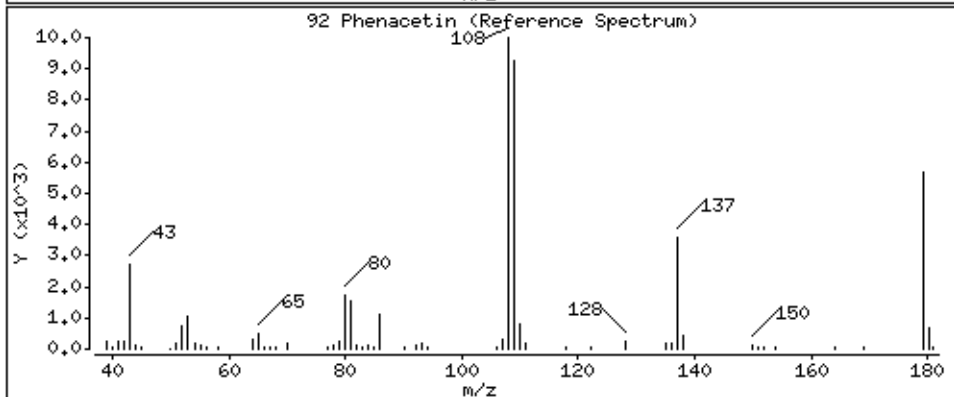
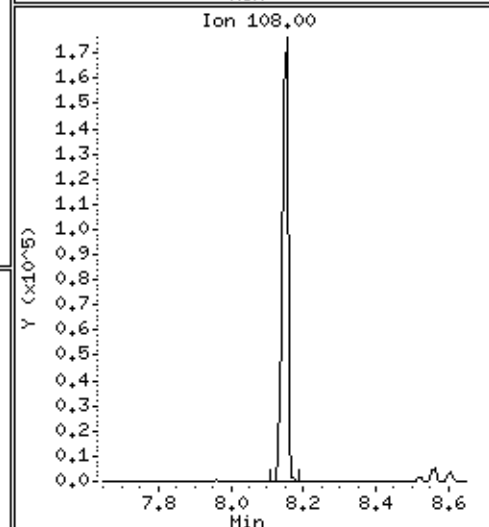
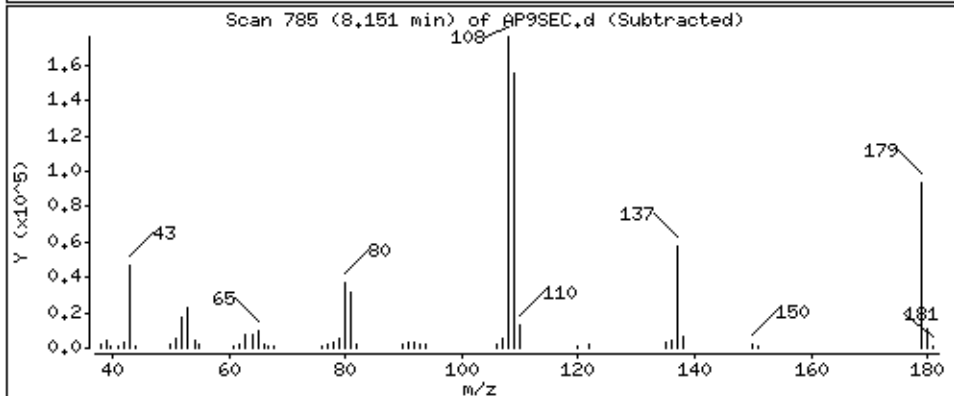
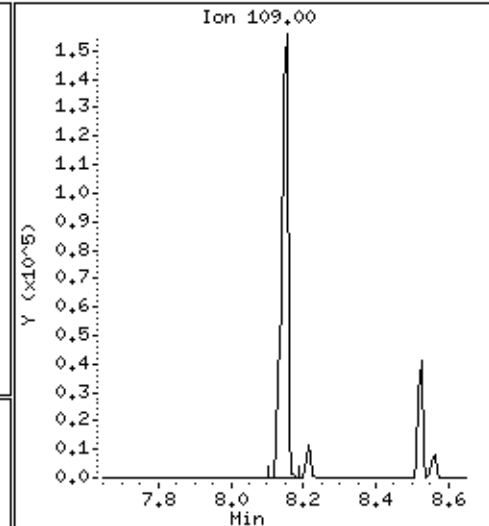
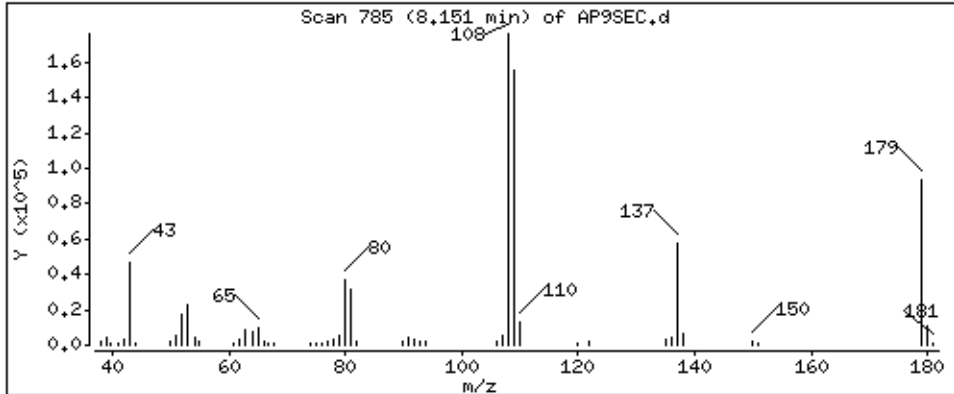
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

92 Phenacetin

Concentration: 46,8 ug/kg



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

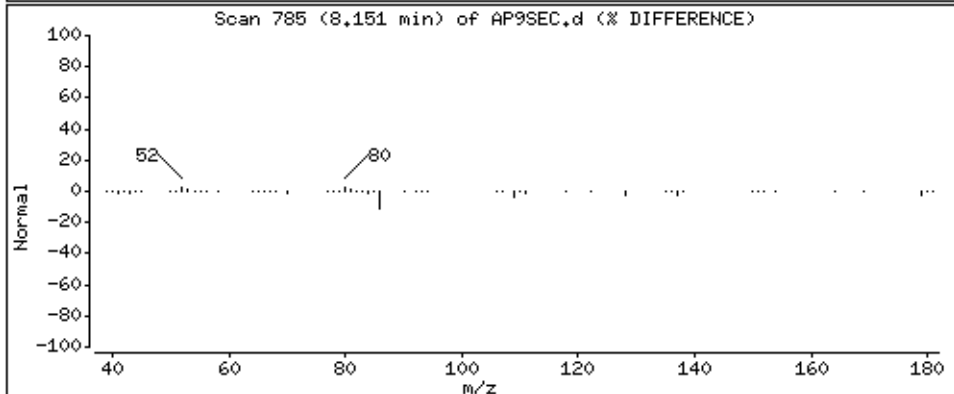
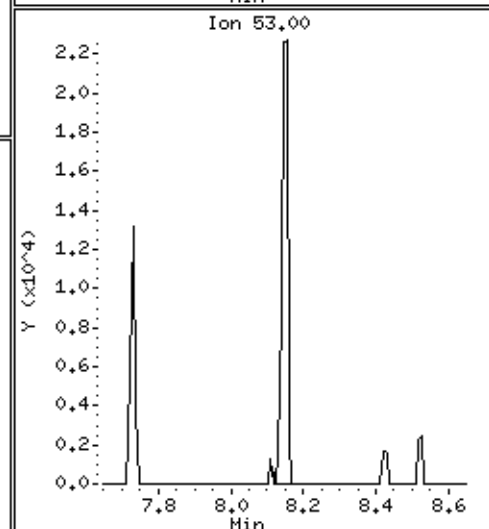
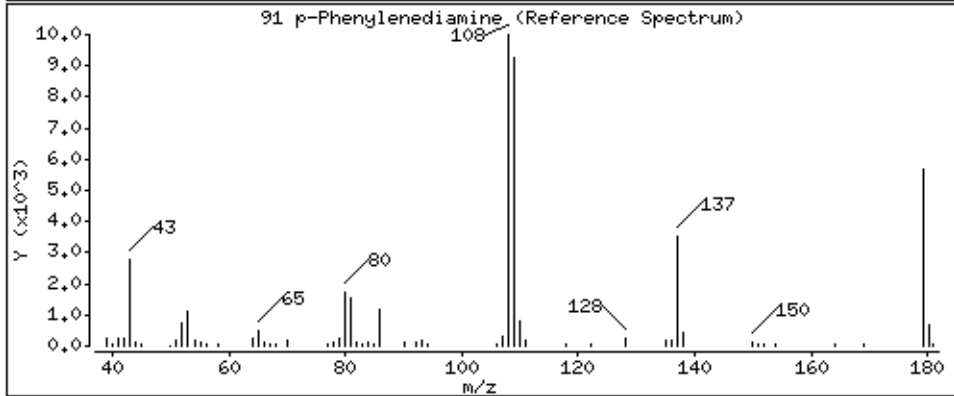
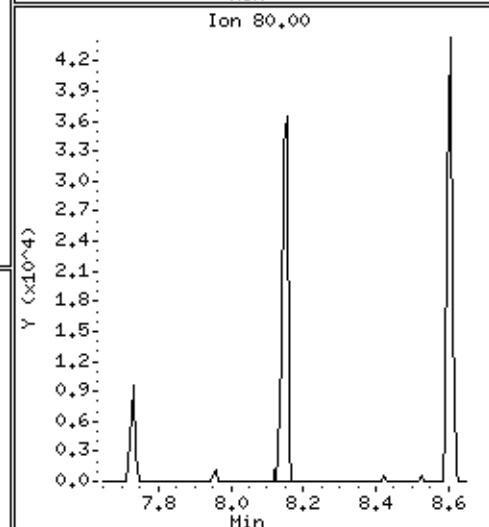
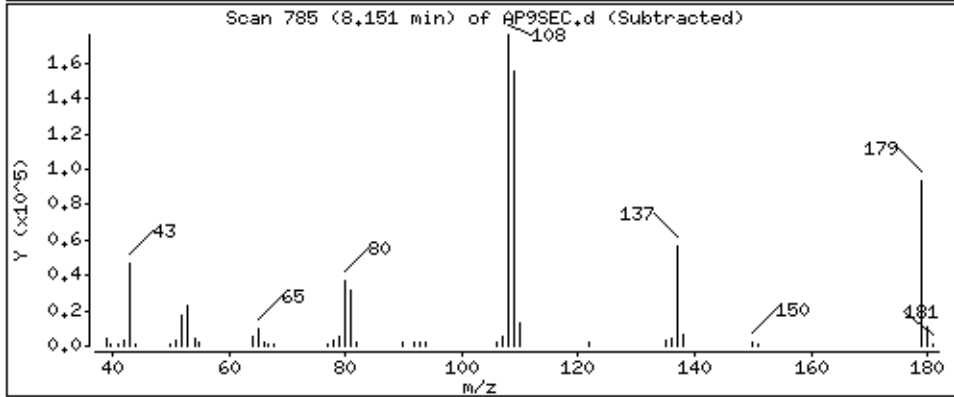
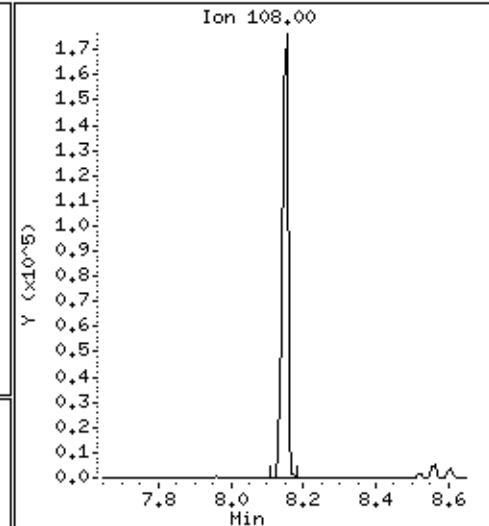
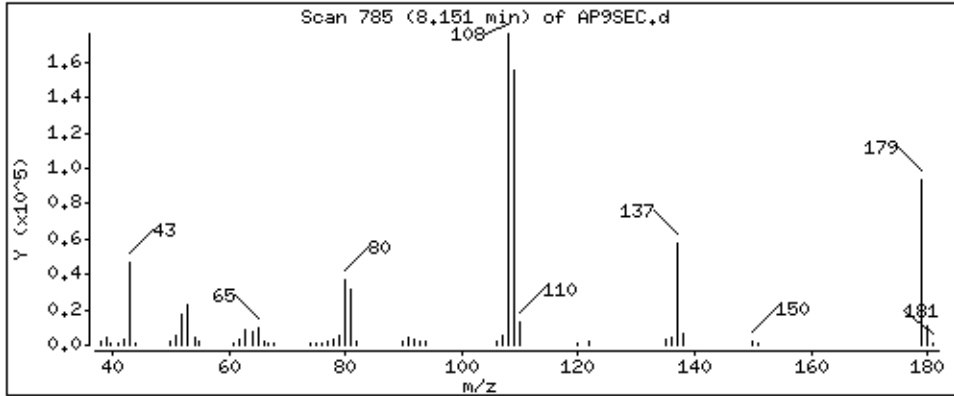
Operator: MJ

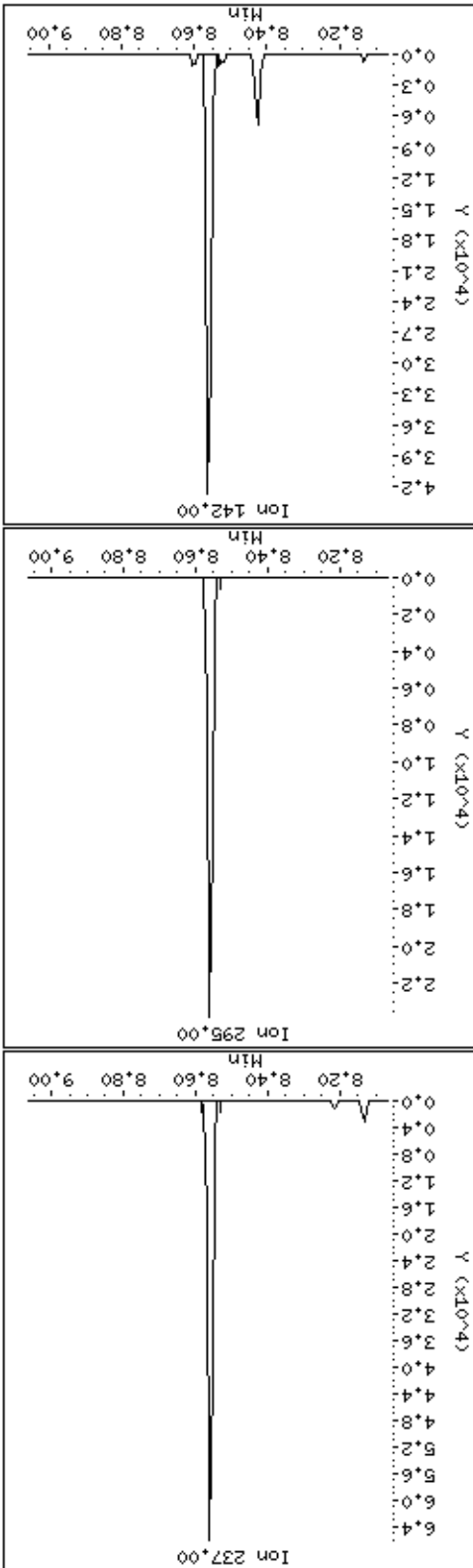
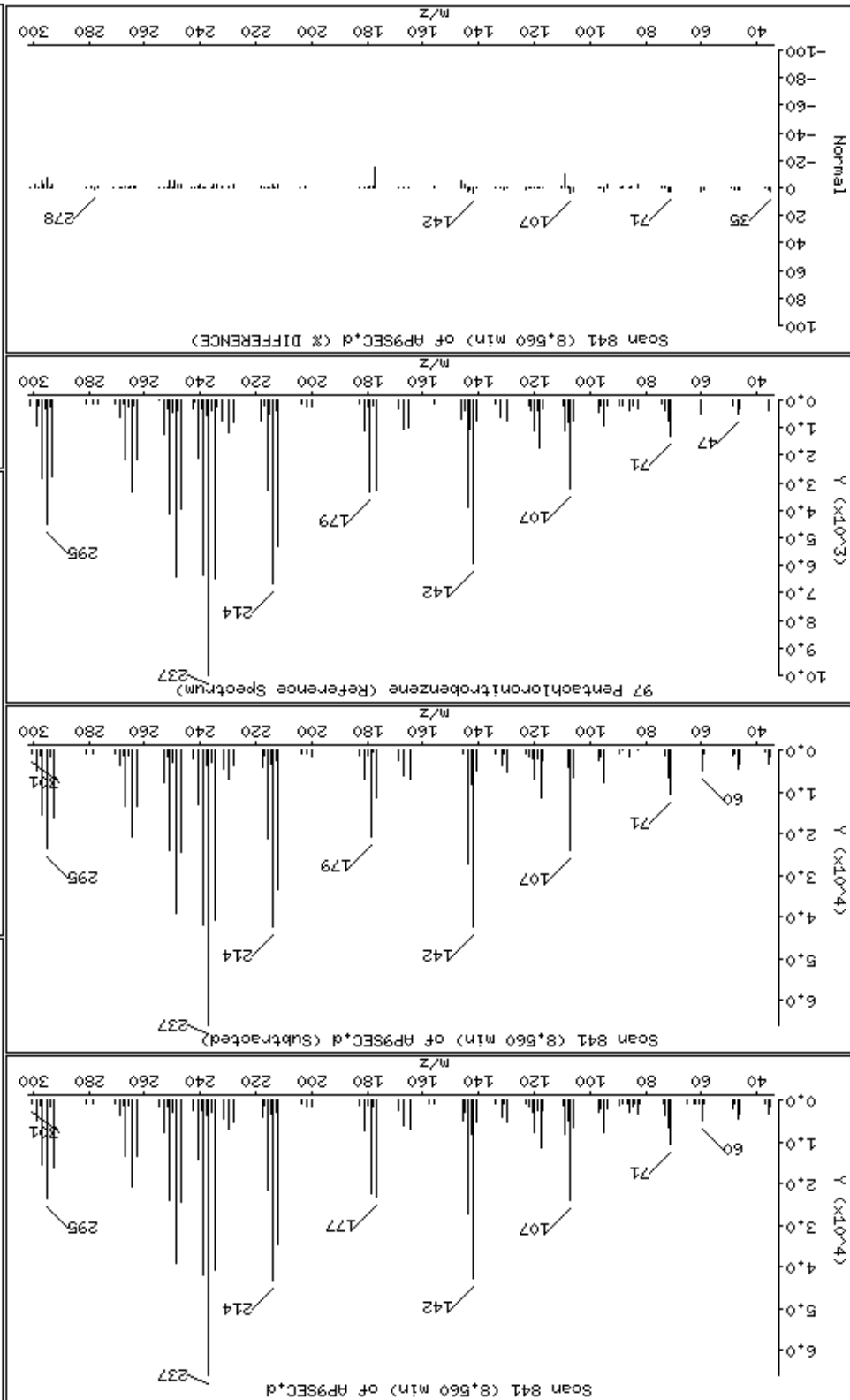
Column phase: HPMS-5

Column diameter: 0,25

91 p-Phenylenediamine

Concentration: 48,3 ug/kg





Date: 15-NOV-2012 11:51

Client ID: AP9SEC

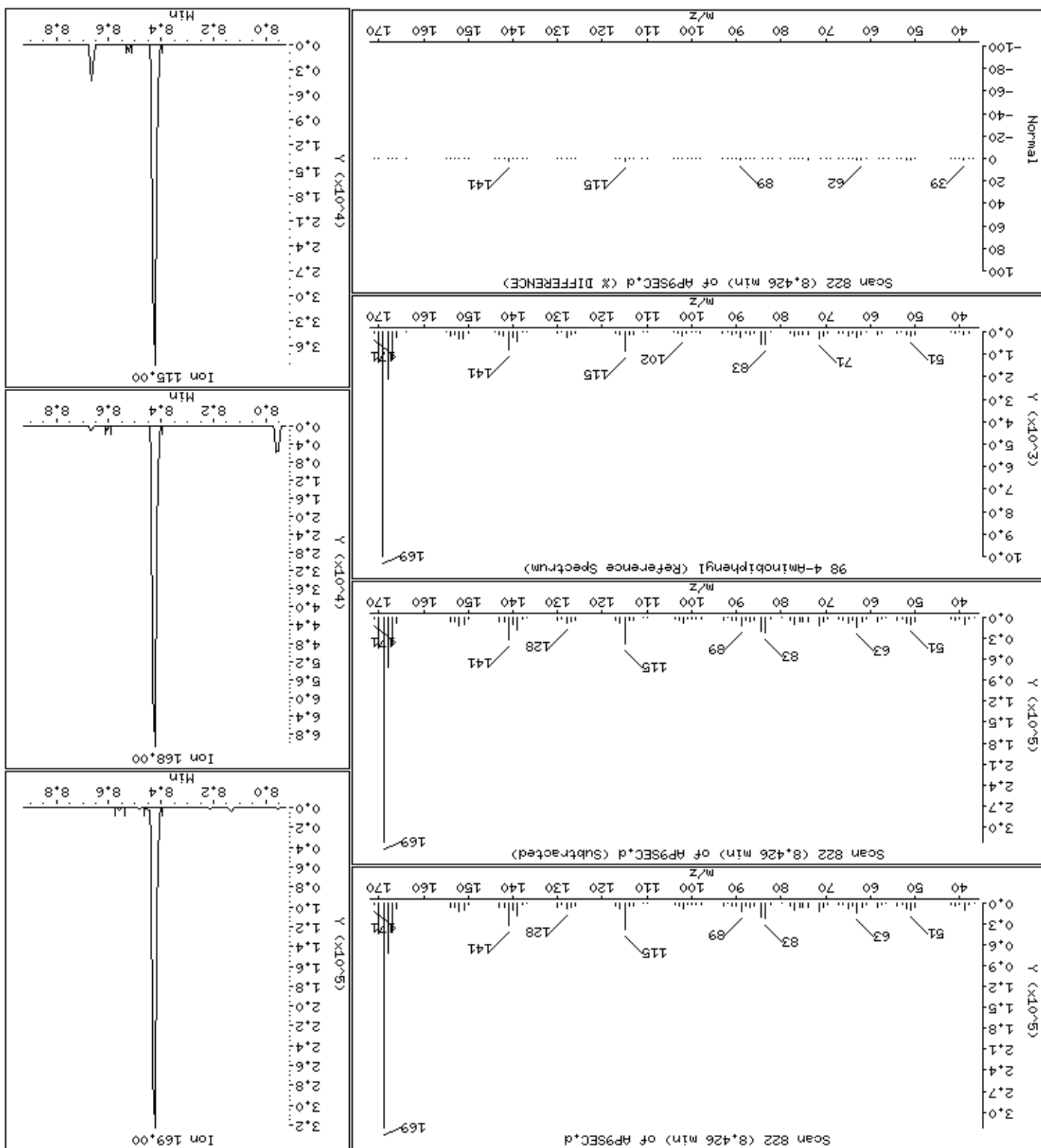
Sample Info: 47943

Operator: MJ

Column diameter: 0.25

Concentration: 44.8 ug/kg

98-4-aminobiphenyl



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

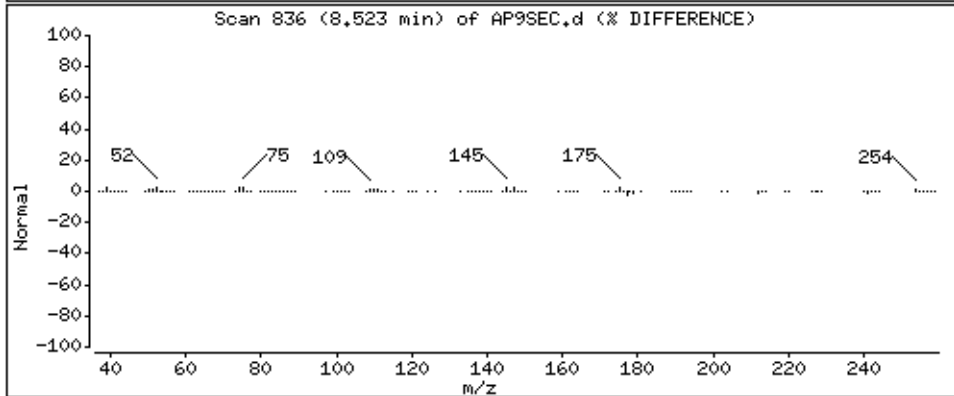
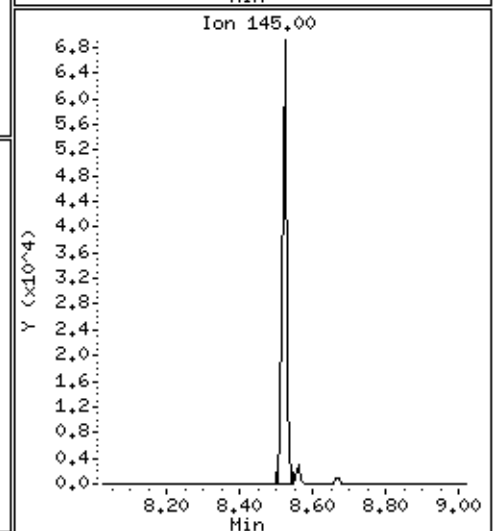
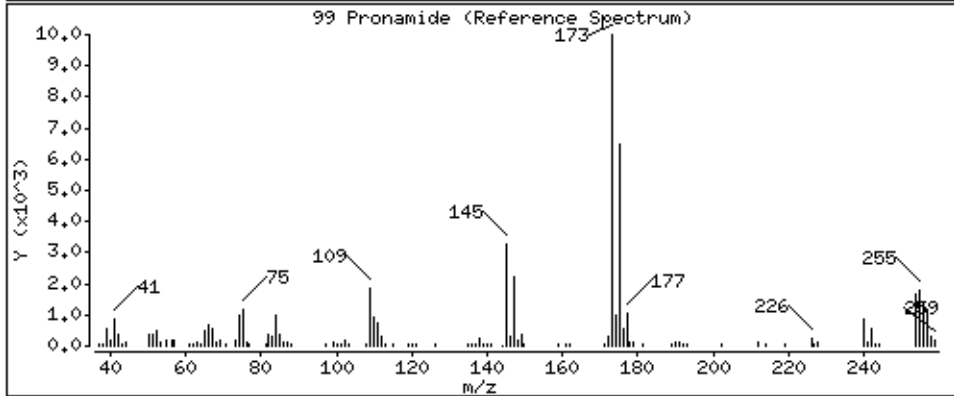
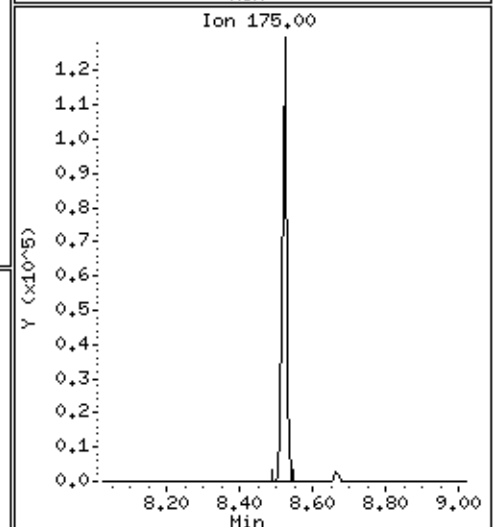
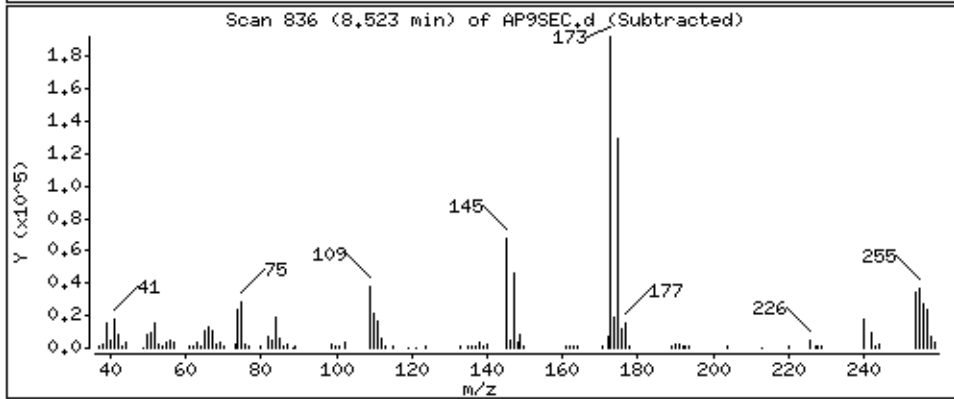
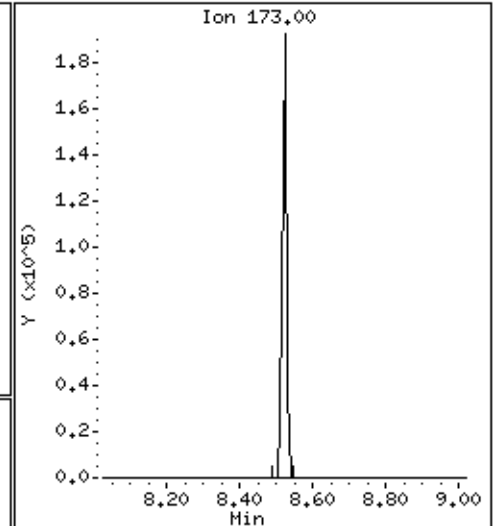
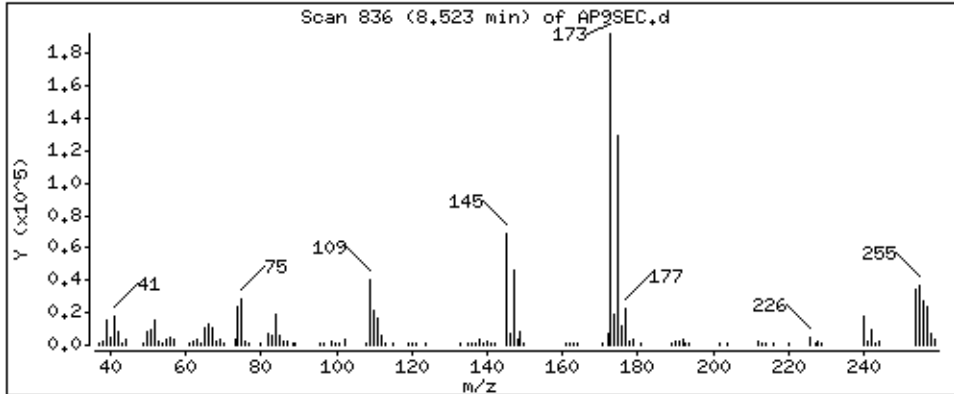
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

99 Pronamide

Concentration: 49,0 ug/kg





Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

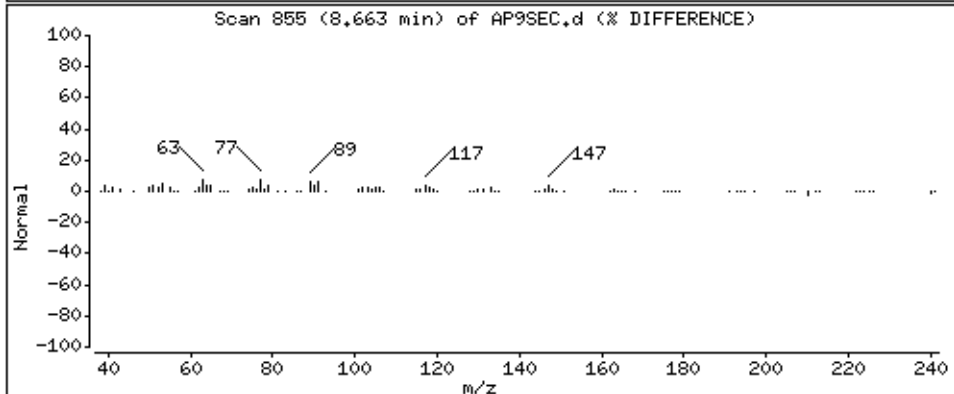
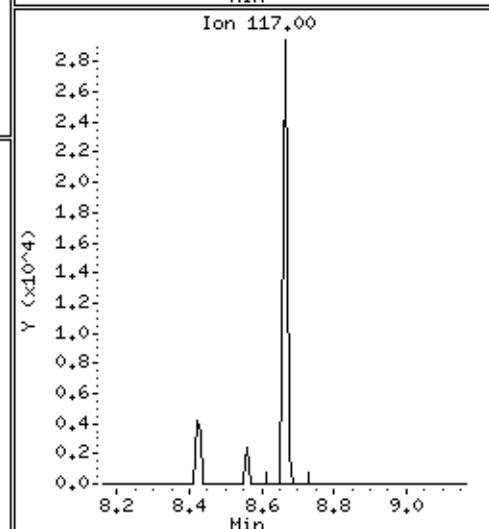
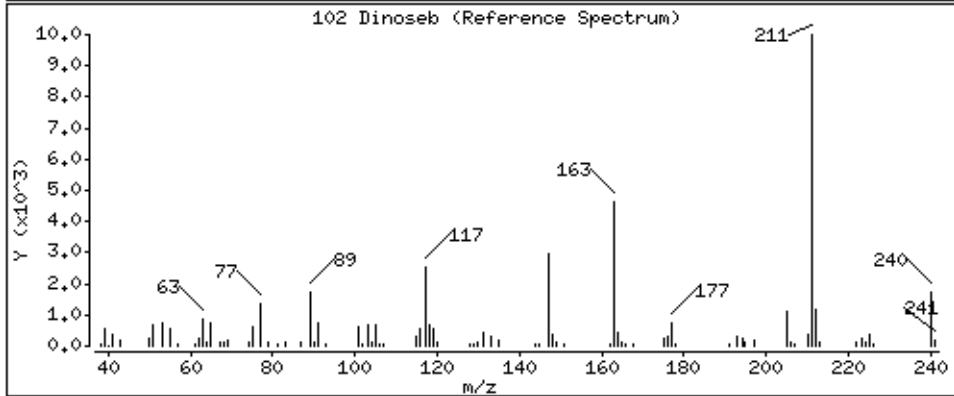
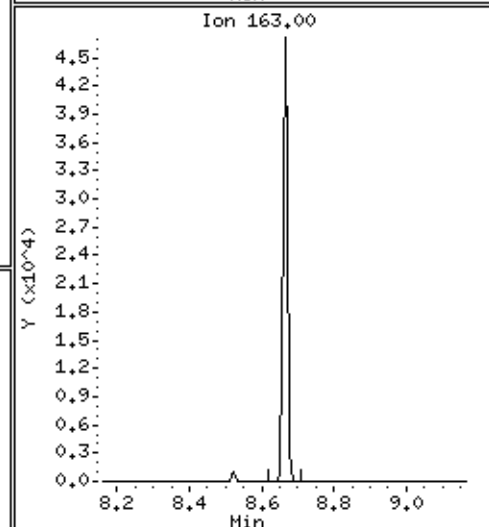
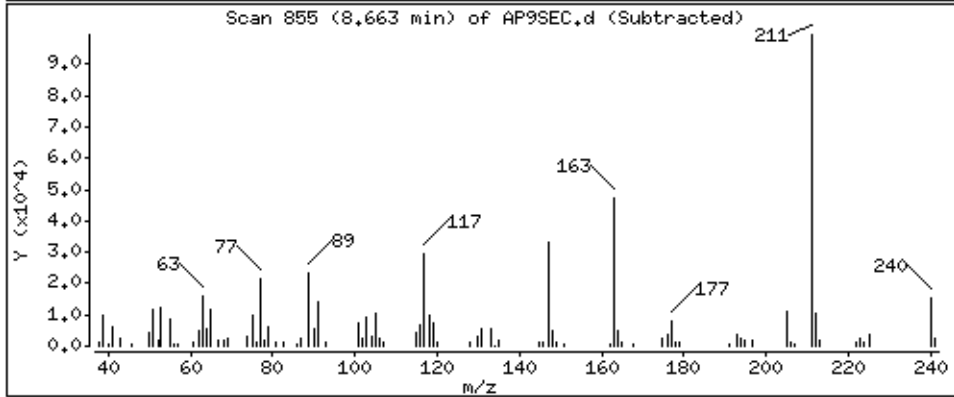
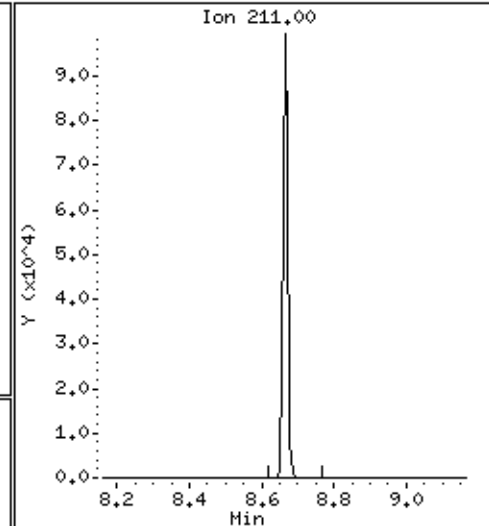
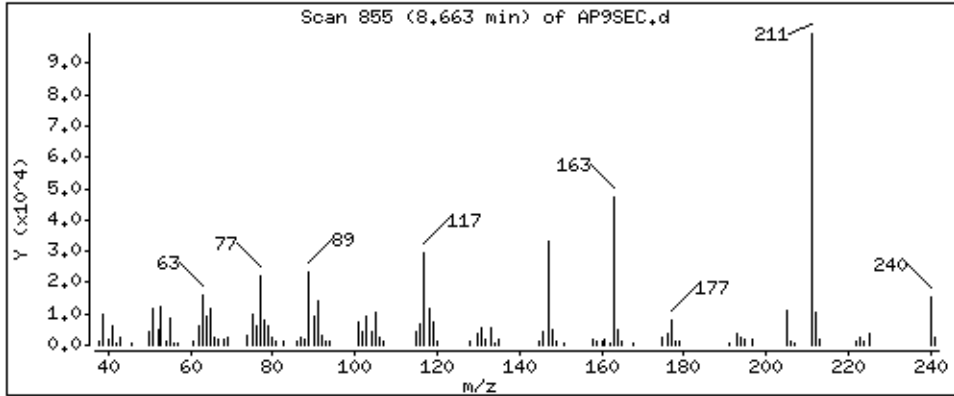
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

102 Dinoseb

Concentration: 46,3 ug/kg



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

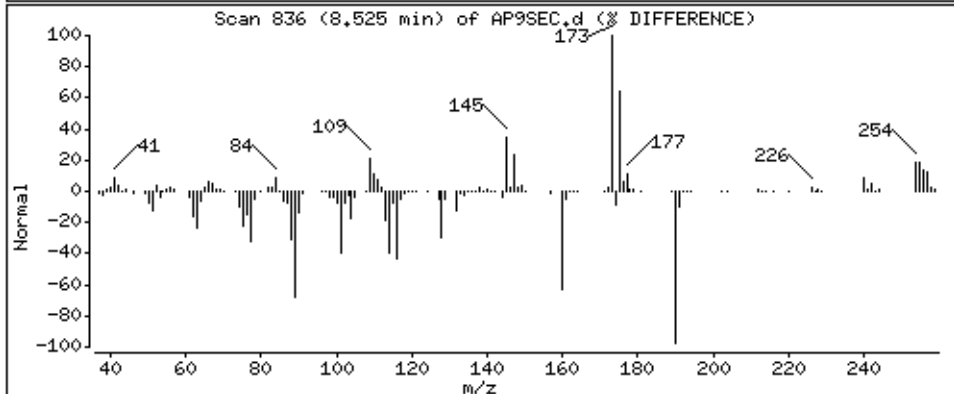
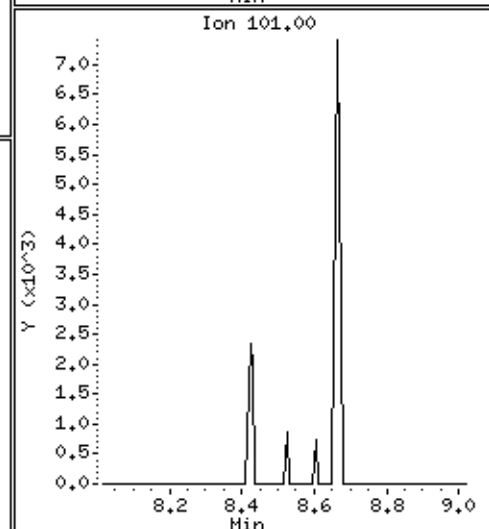
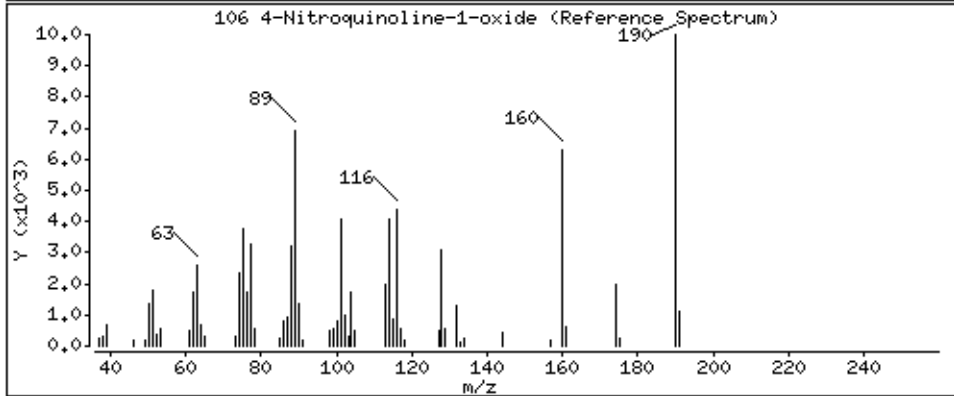
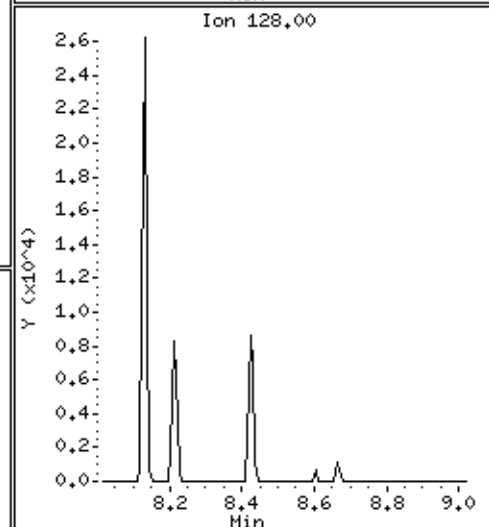
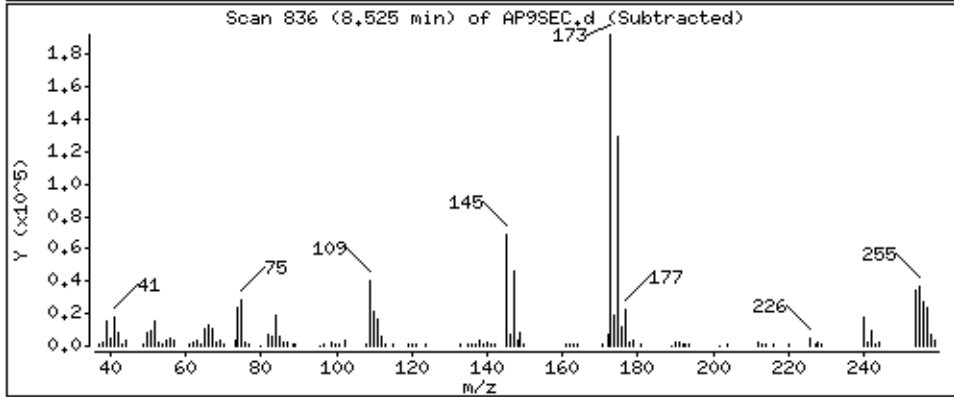
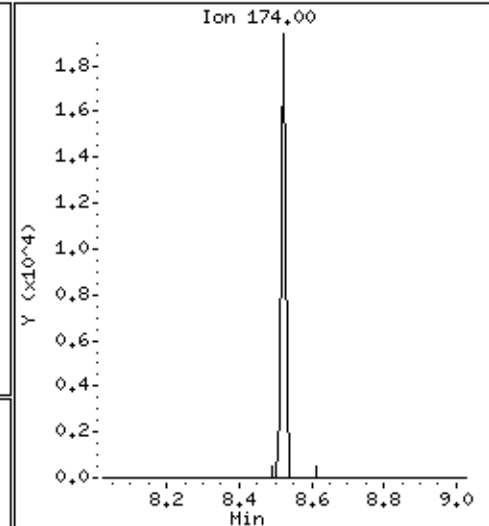
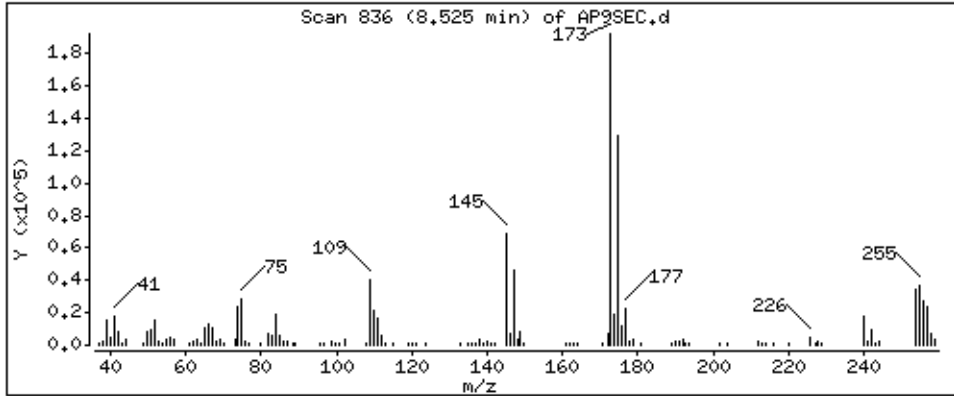
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

106 4-Nitroquinoline-1-oxide

Concentration: 50,7 ug/kg



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

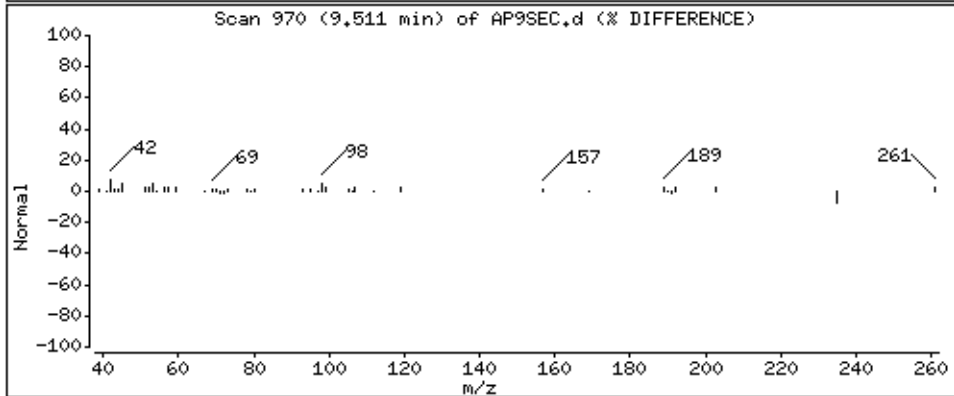
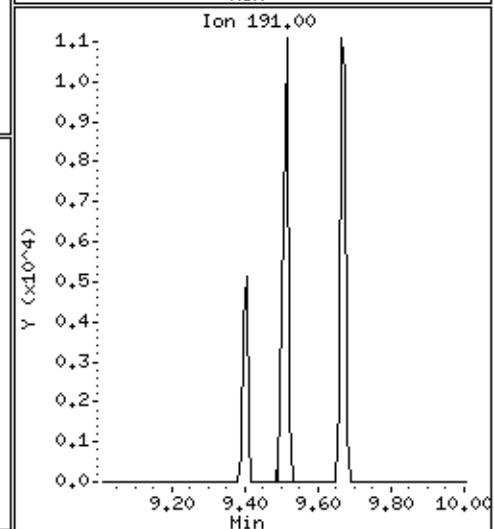
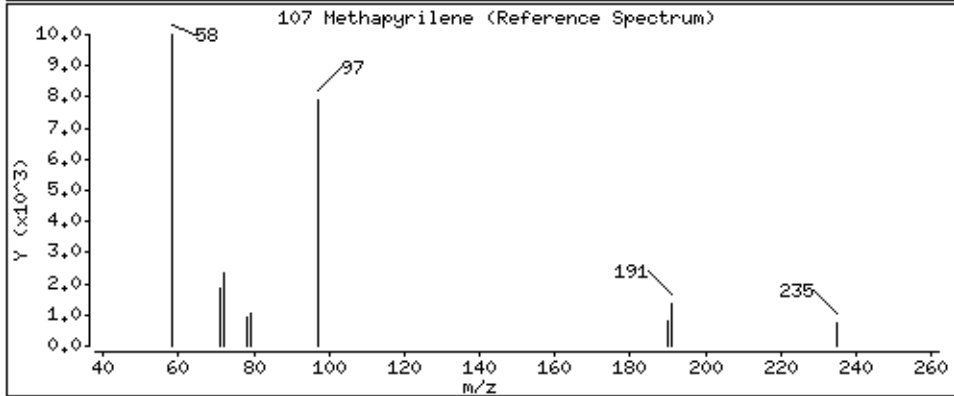
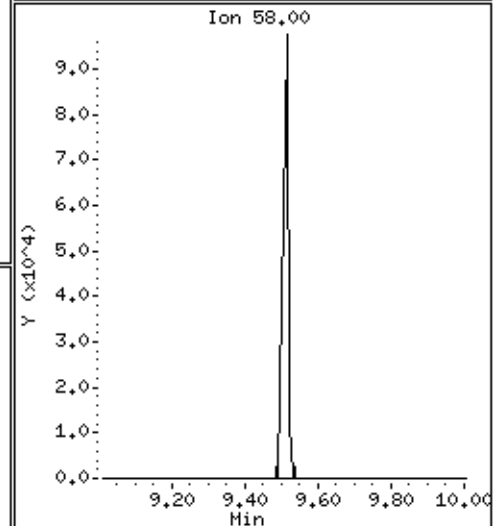
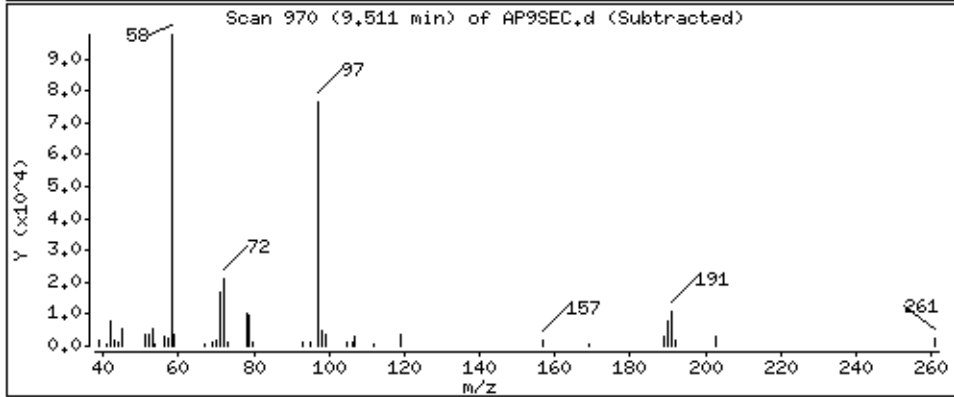
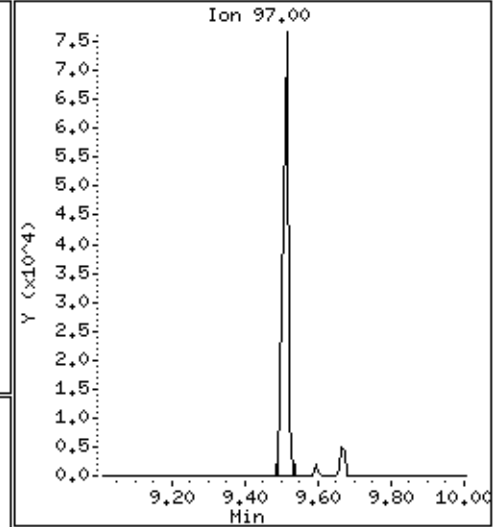
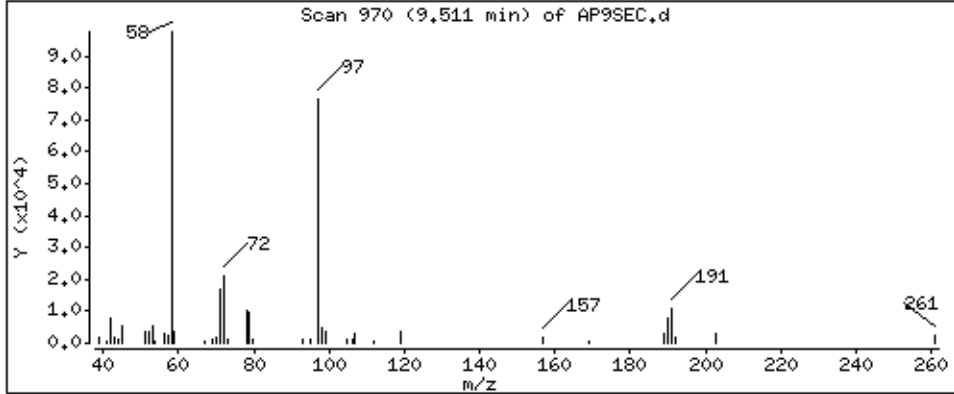
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

107 Methapyrilene

Concentration: 31,7 ug/kg



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

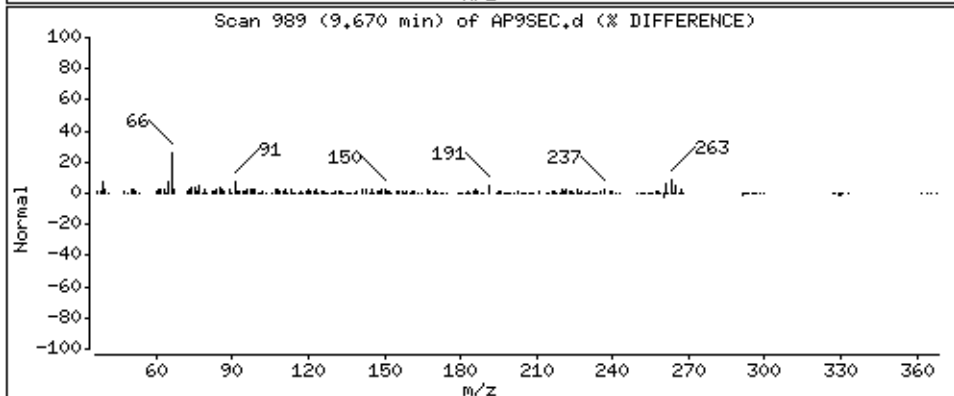
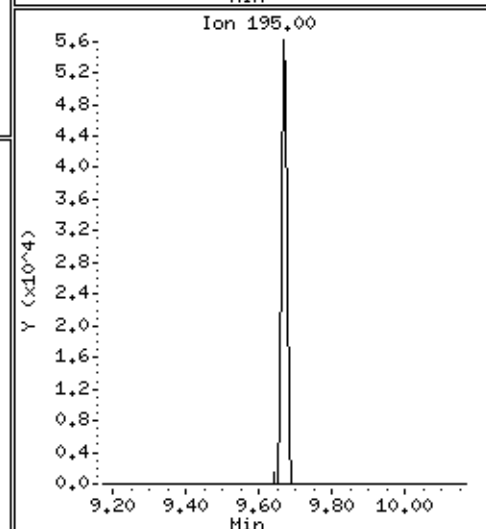
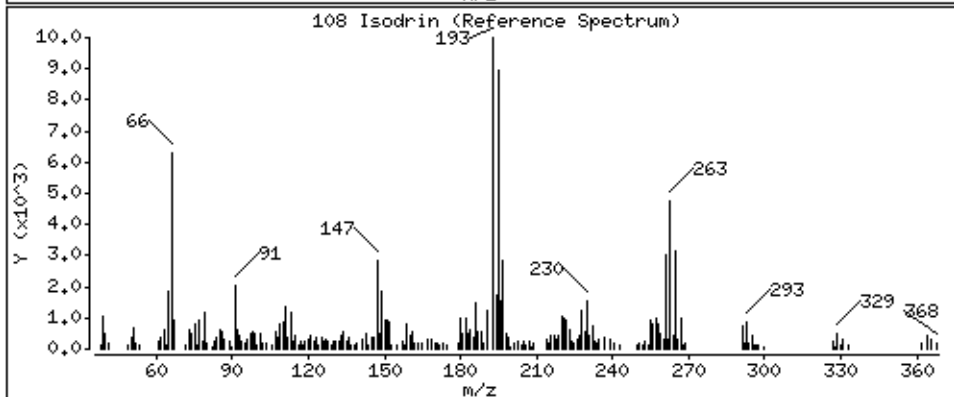
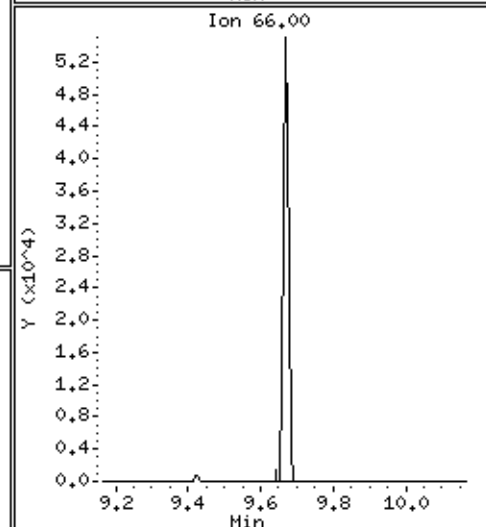
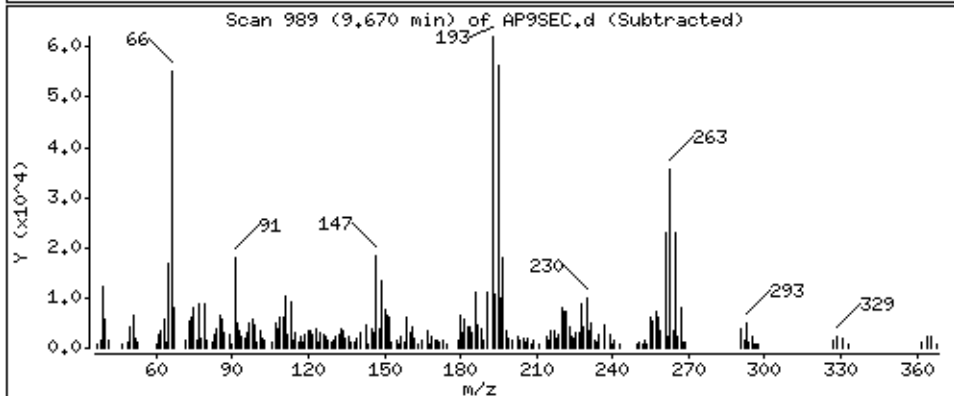
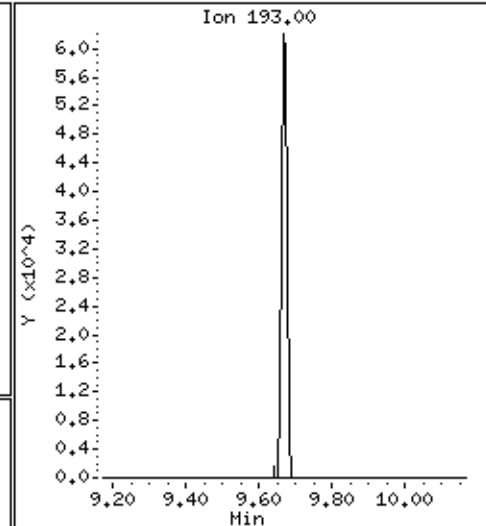
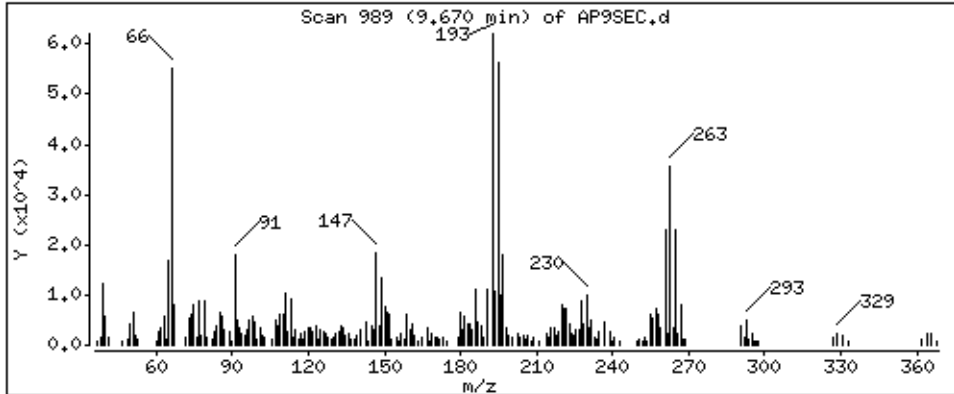
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

108 Isodrin

Concentration: 50,8 ug/kg



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

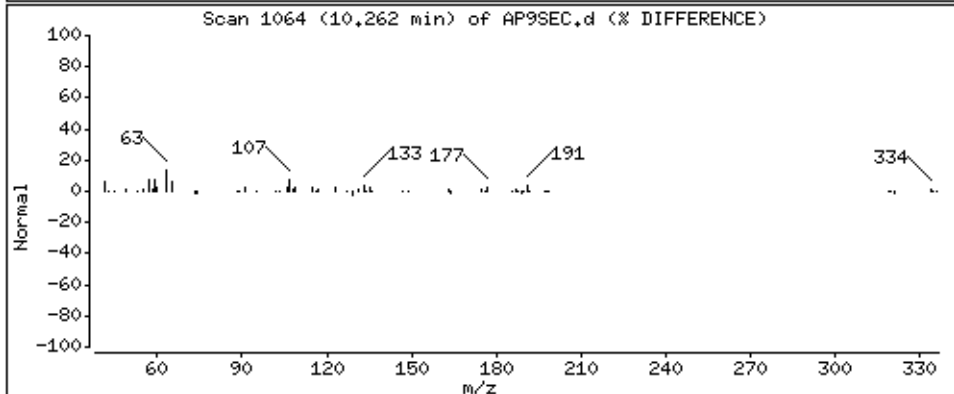
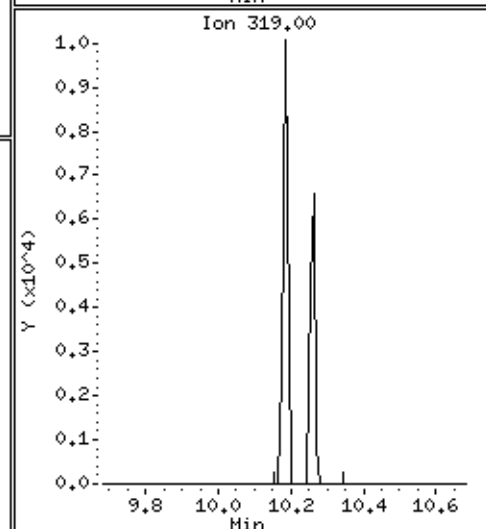
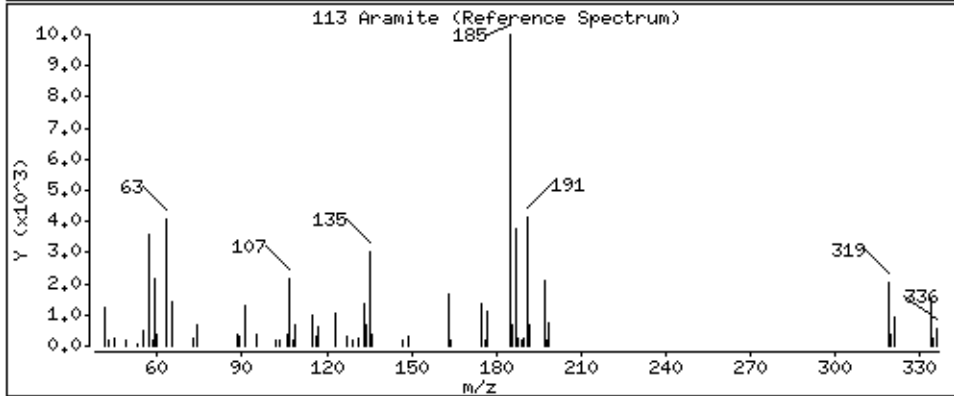
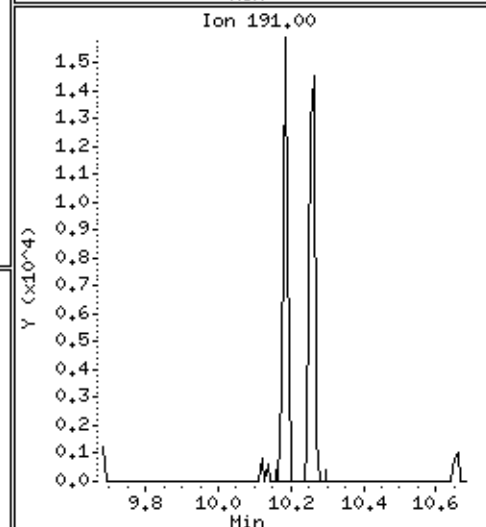
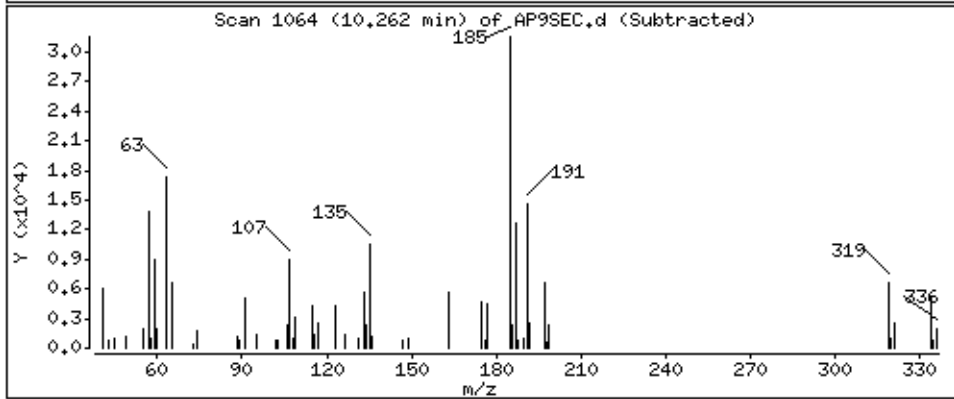
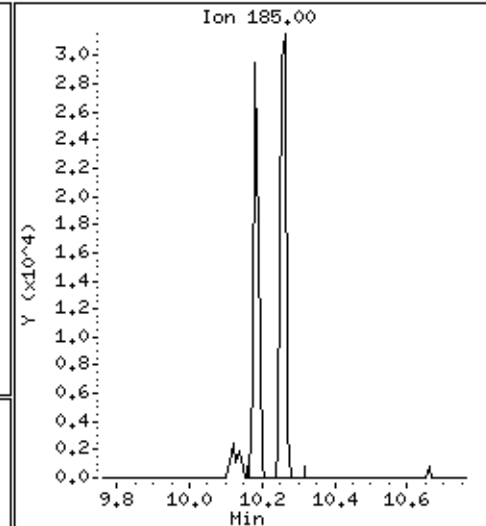
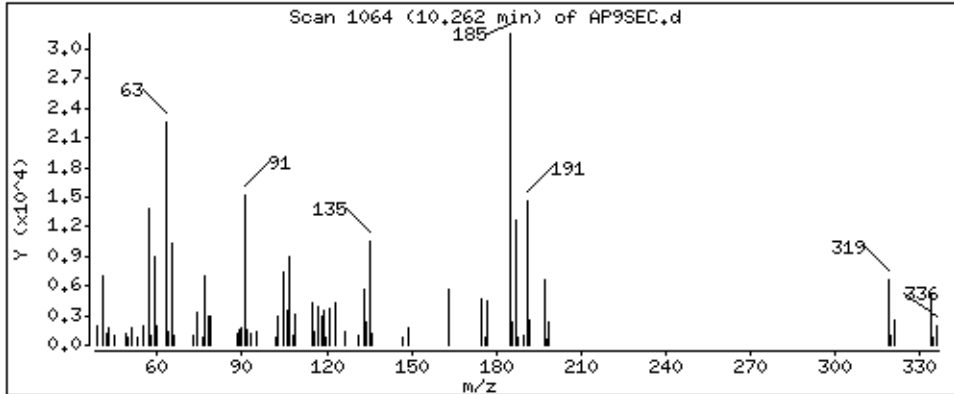
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

113 Aramite

Concentration: 35,2 ug/kg



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

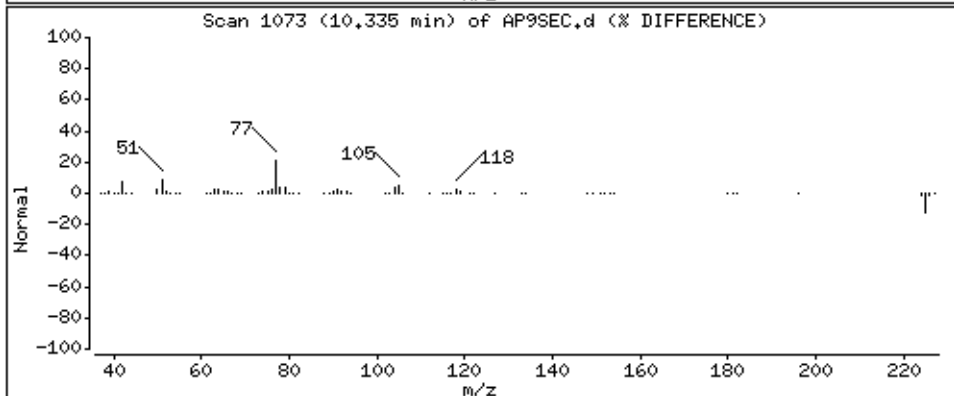
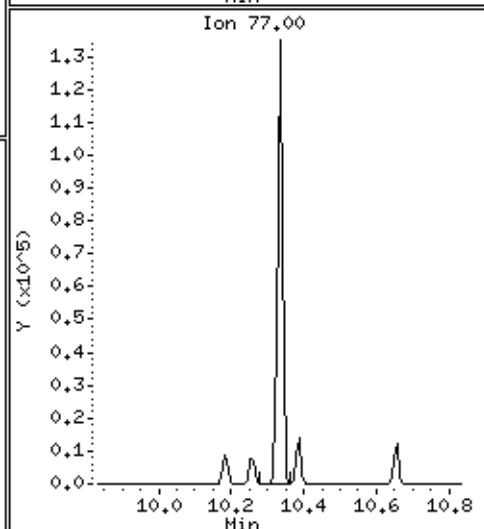
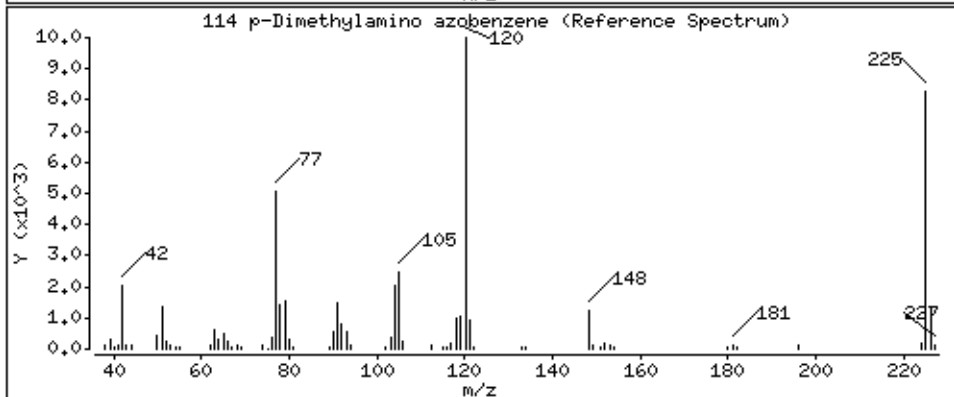
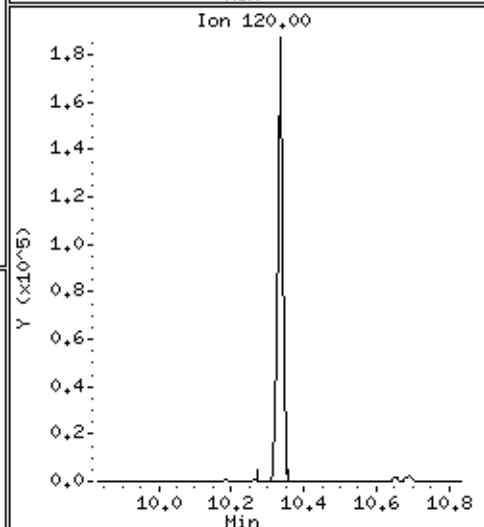
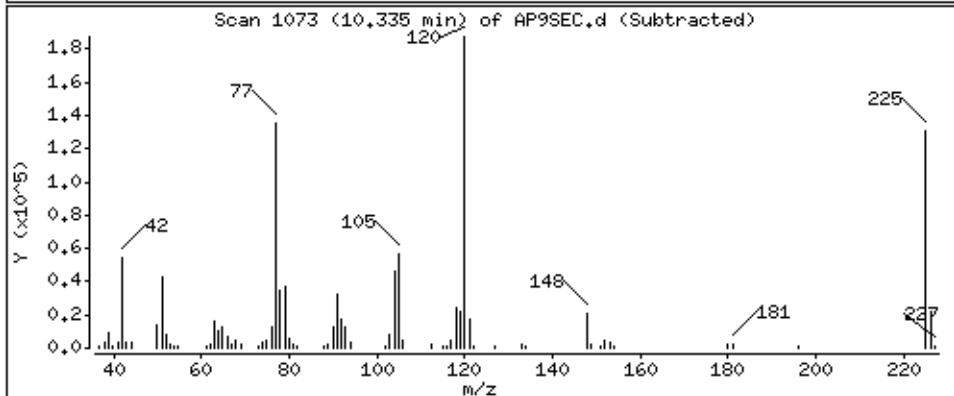
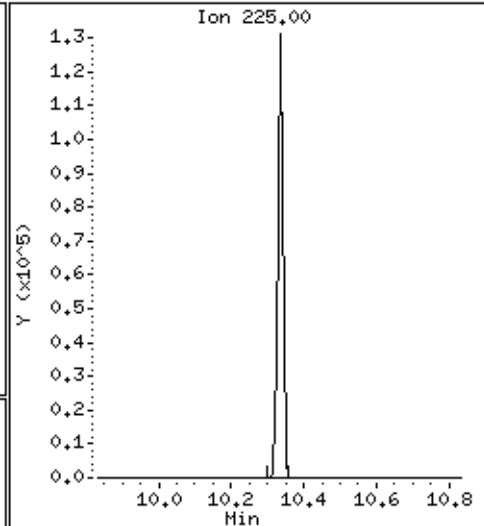
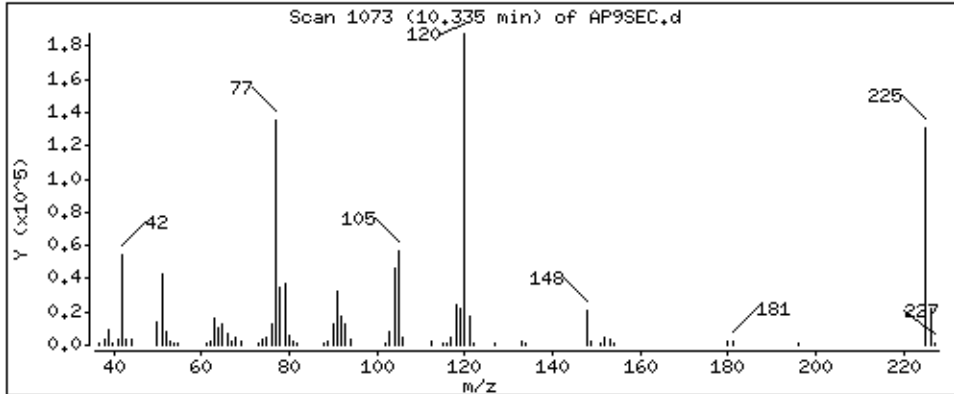
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

114 p-Dimethylamino azobenzene

Concentration: 46,0 ug/kg



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

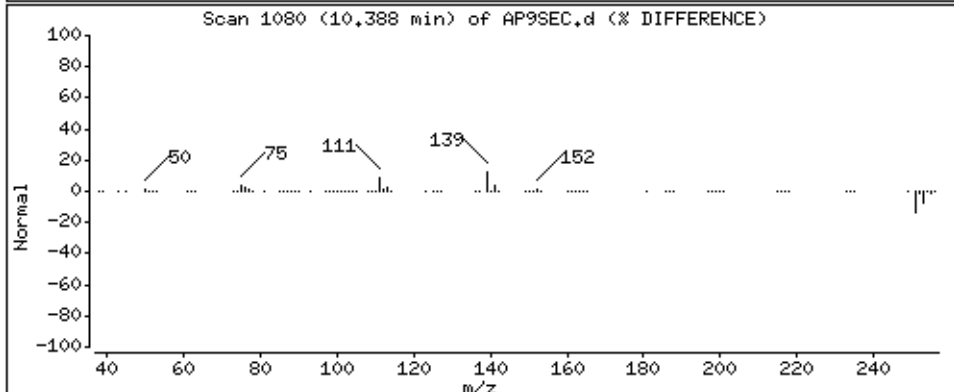
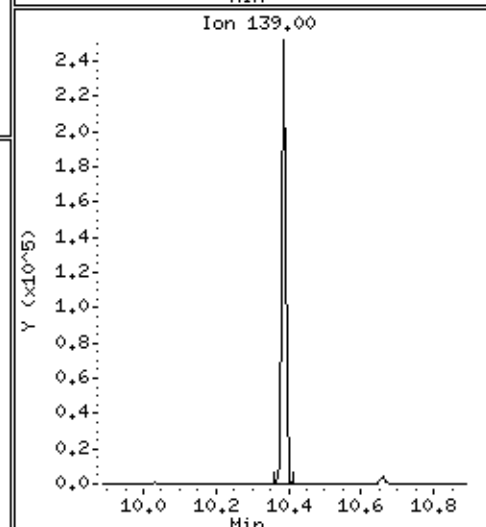
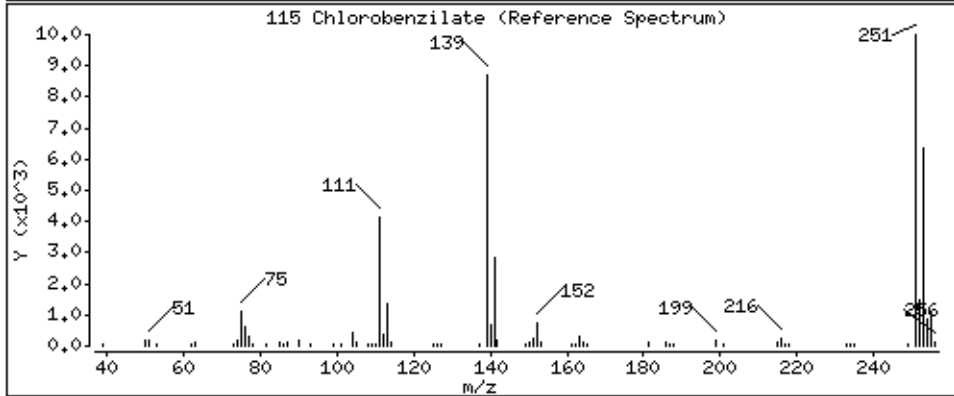
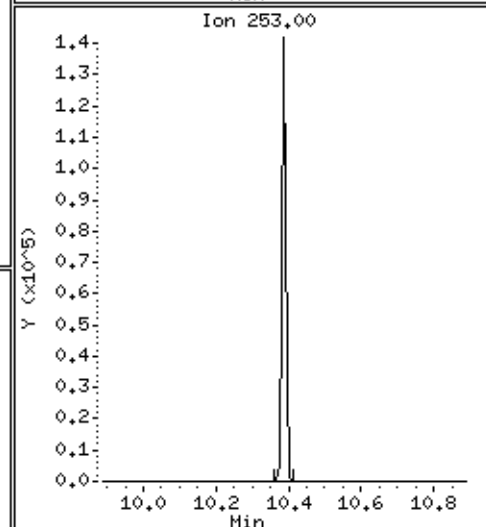
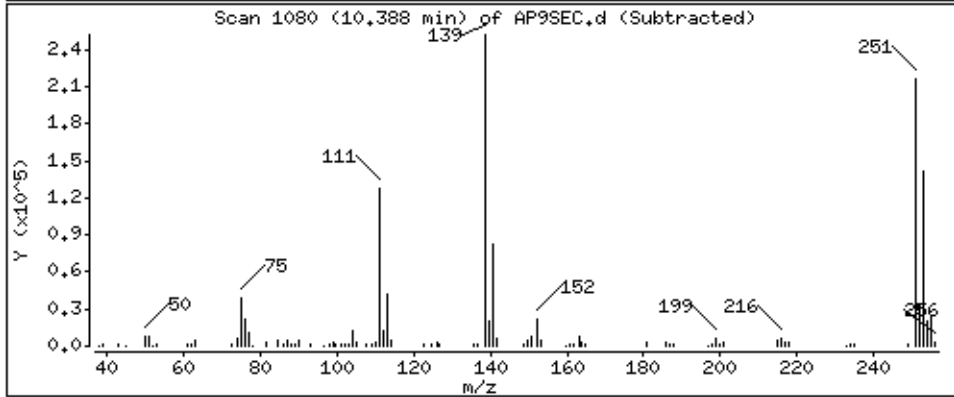
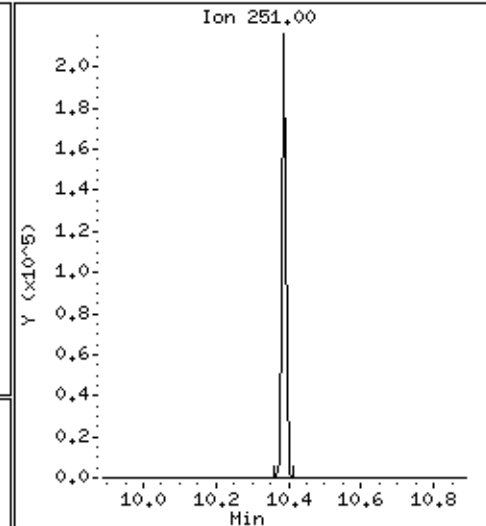
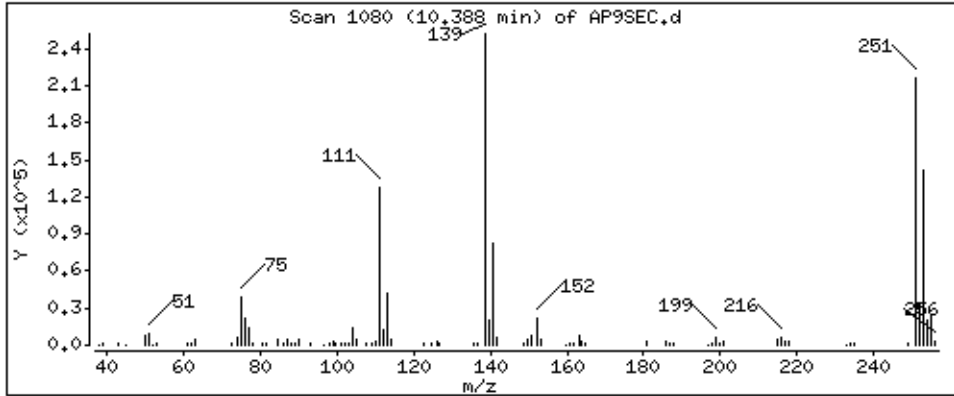
Operator: MJ

Column phase: HPHS-5

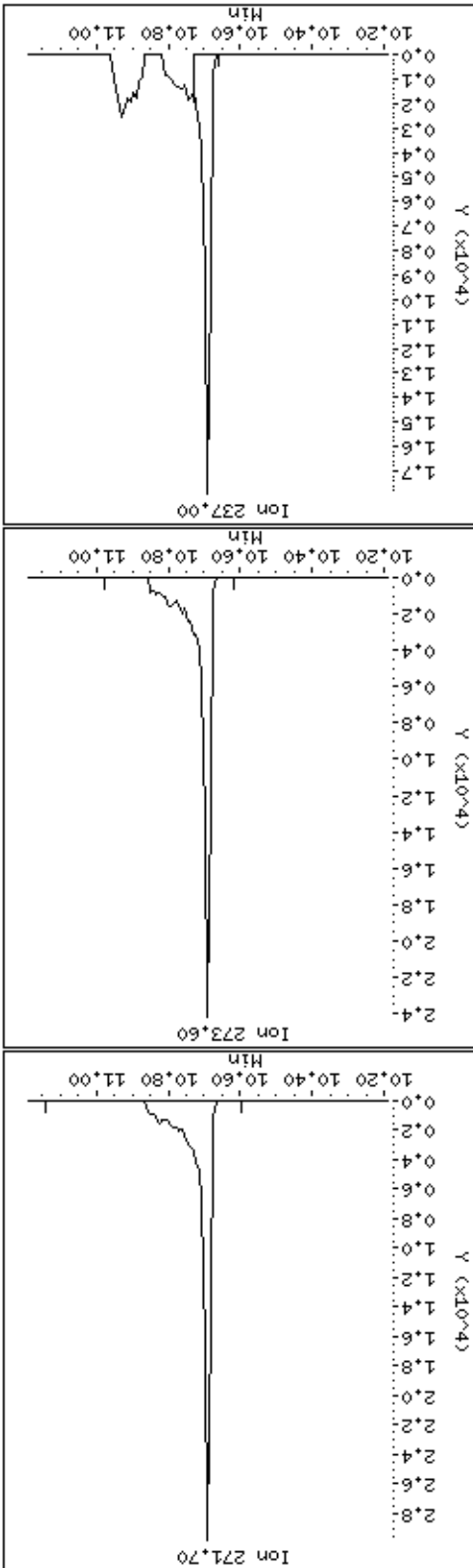
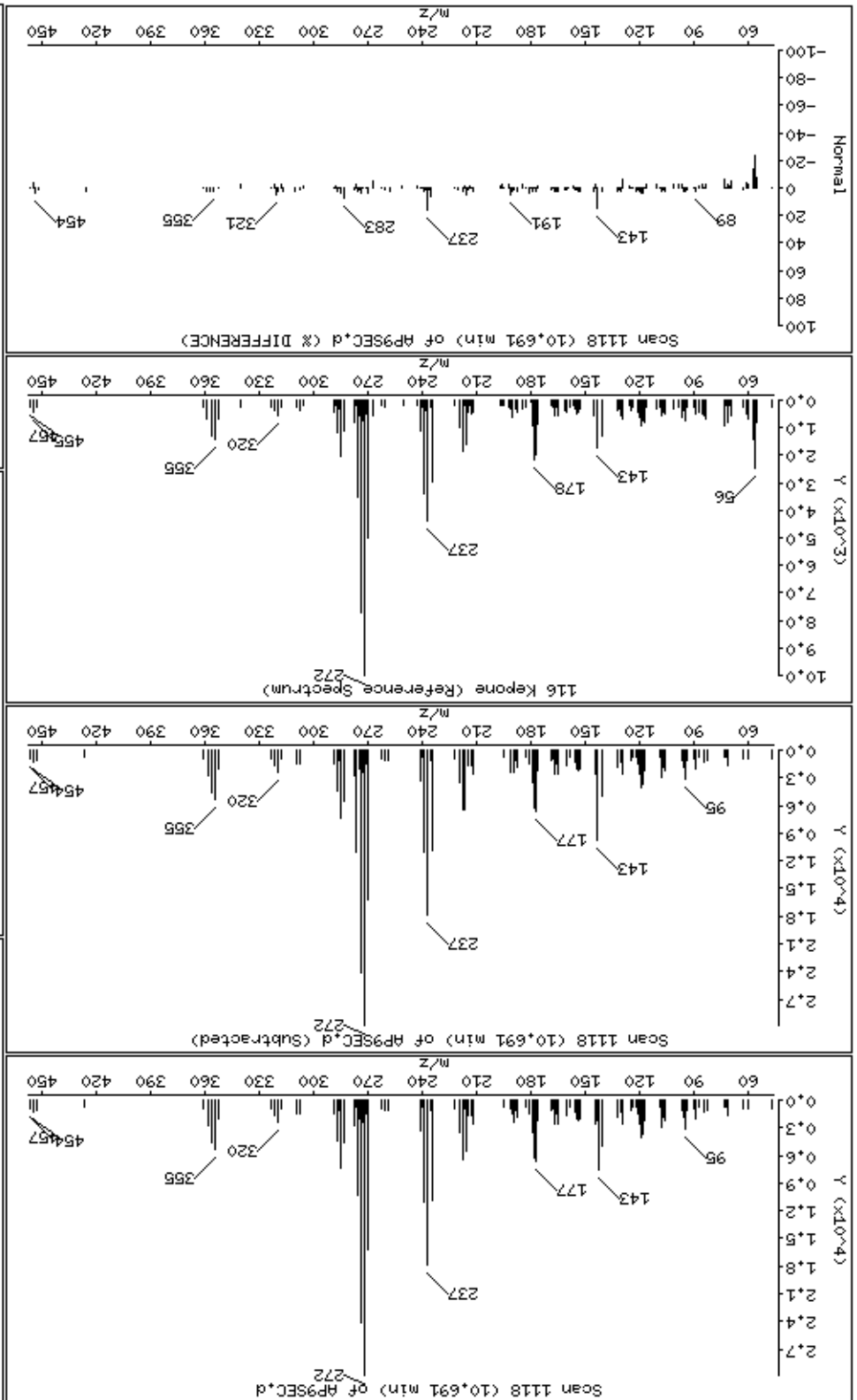
Column diameter: 0,25

115 Chlorobenzilate

Concentration: 47,7 ug/kg



116 Kepone





Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

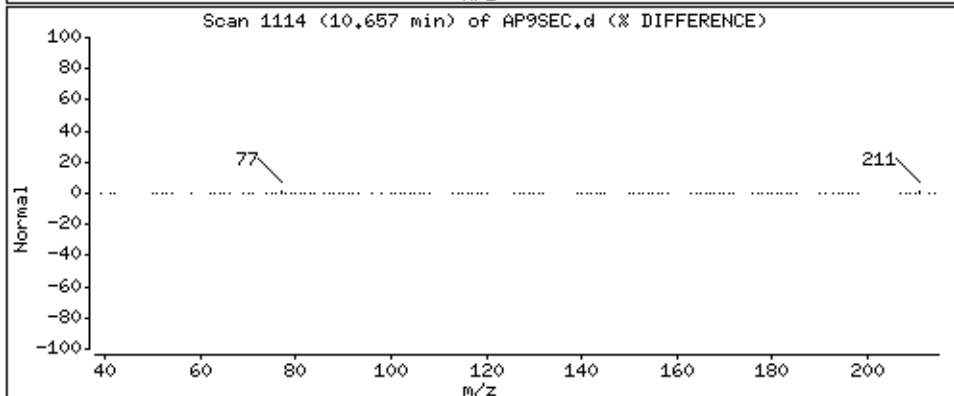
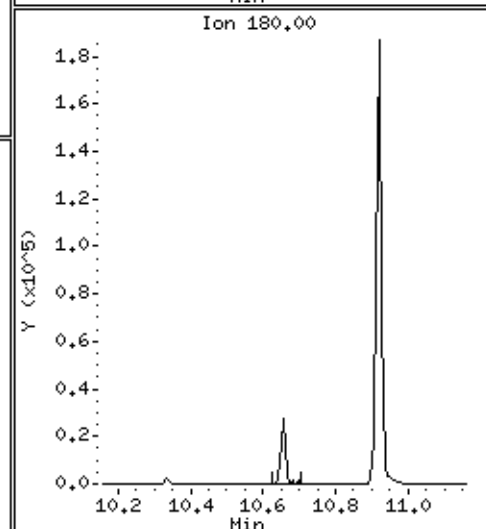
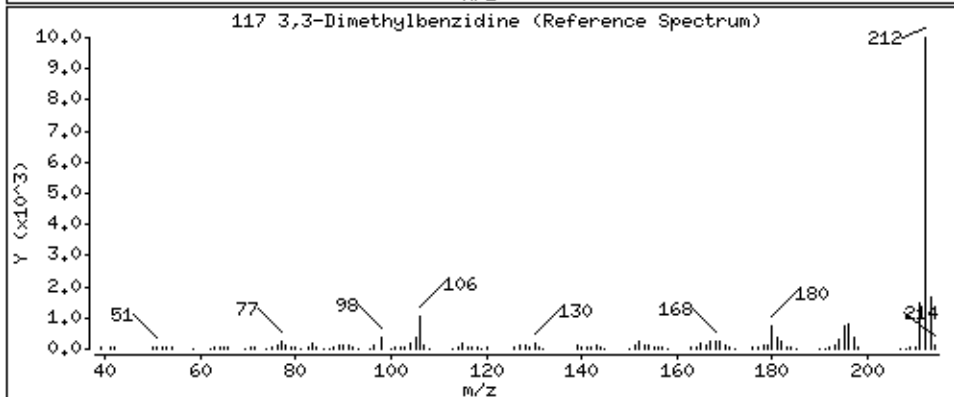
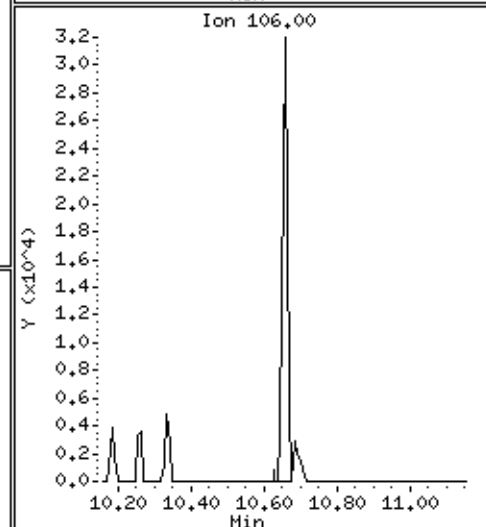
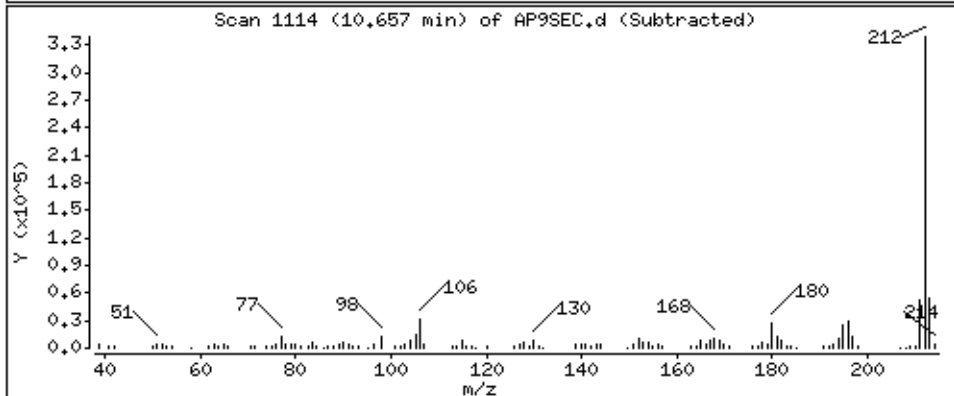
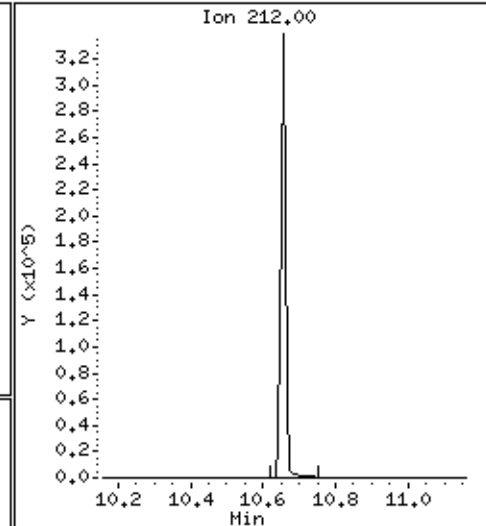
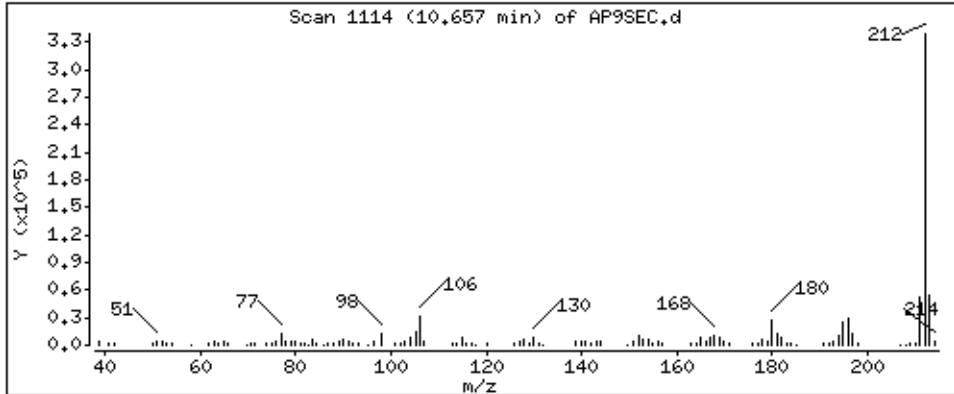
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

117 3,3-Dimethylbenzidine

Concentration: 46,8 ug/kg



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

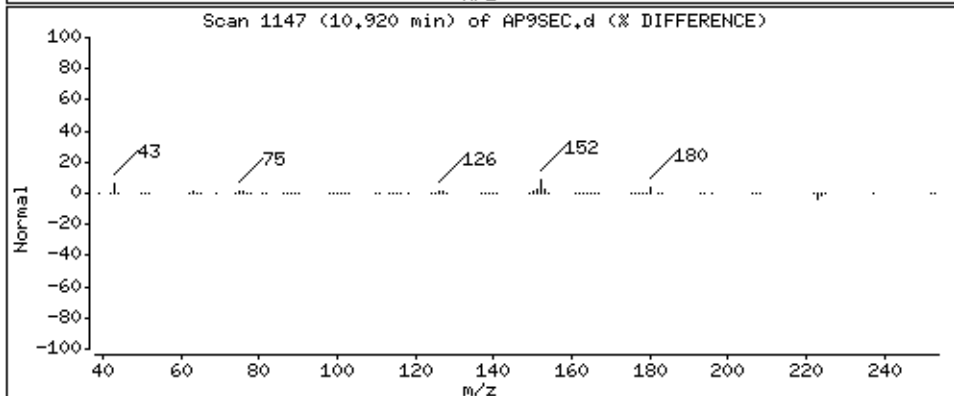
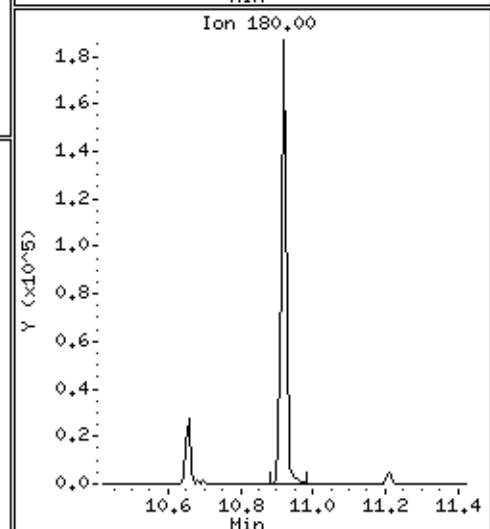
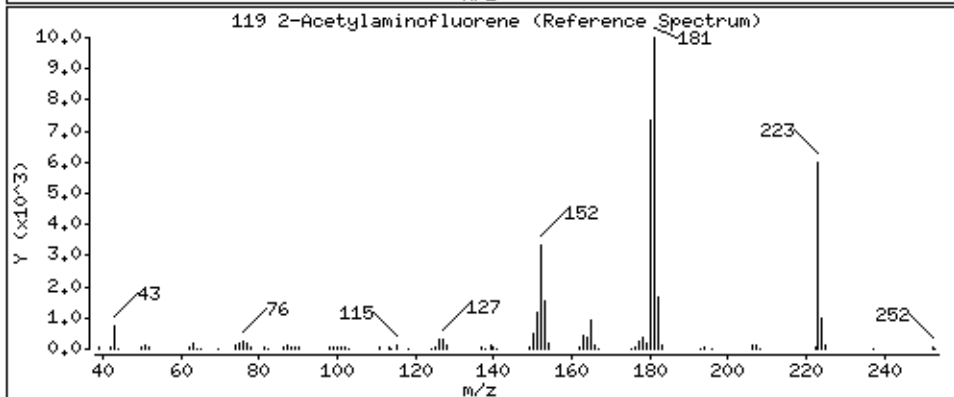
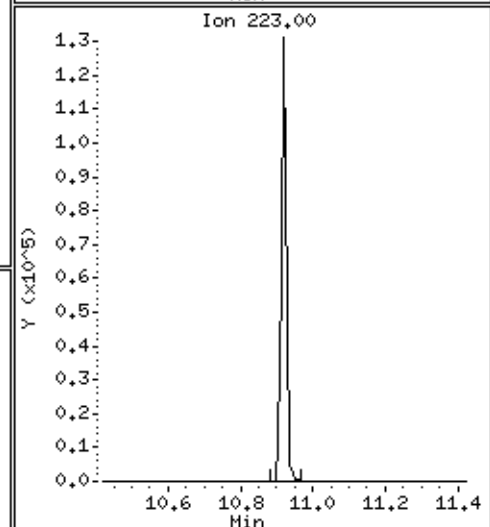
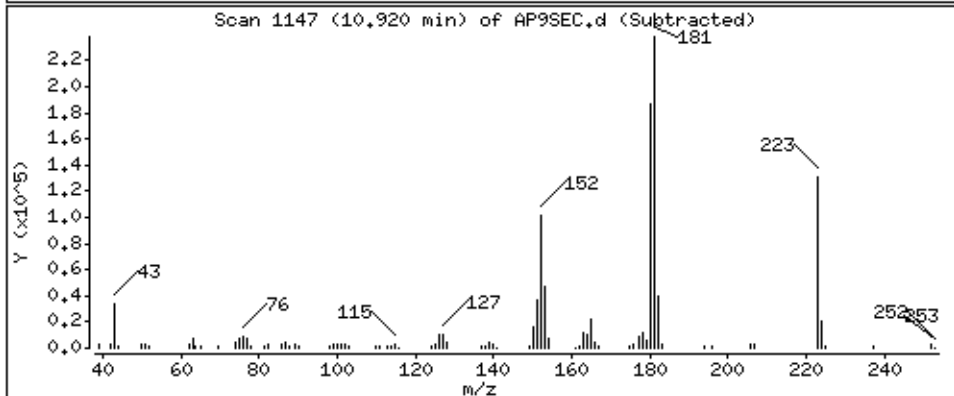
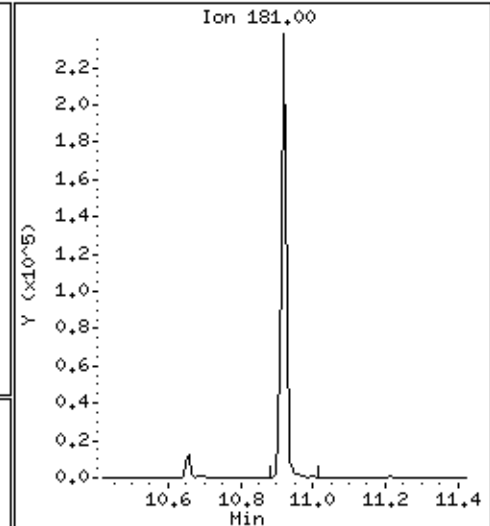
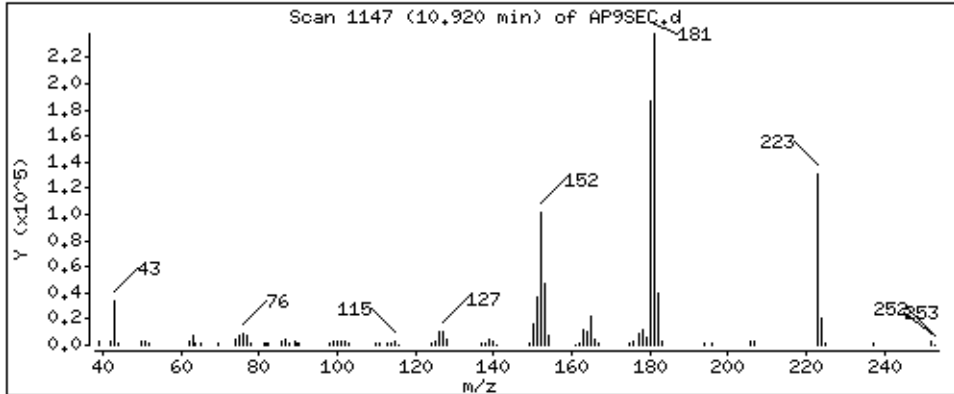
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

119 2-Acetylaminofluorene

Concentration: 43,2 ug/kg



Date : 15-NOV-2012 11:51

Client ID: AP9SEC

Instrument: smsd04.i

Sample Info: 47943

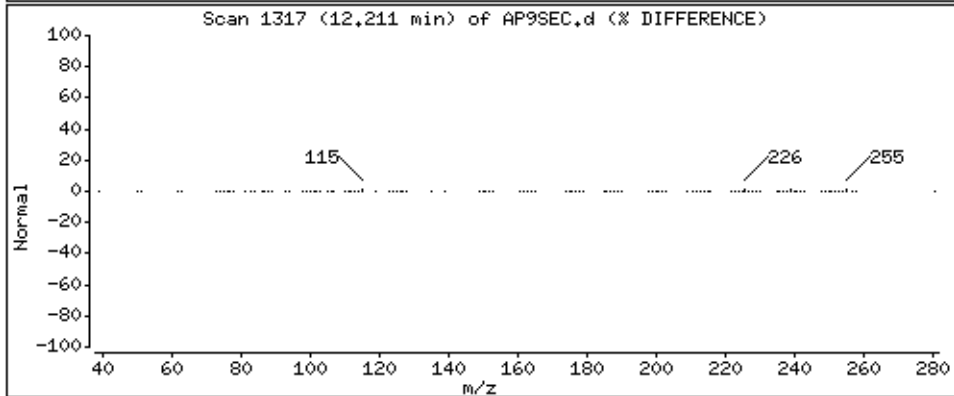
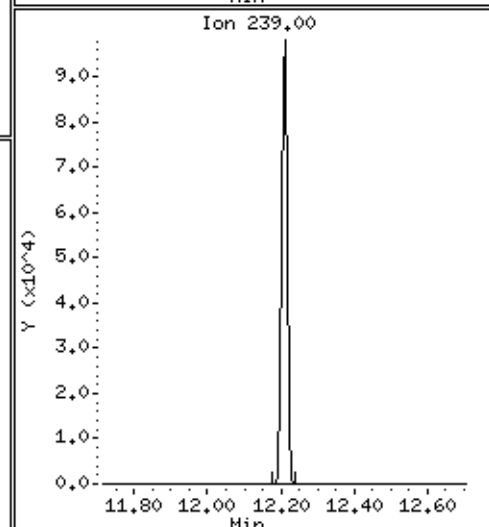
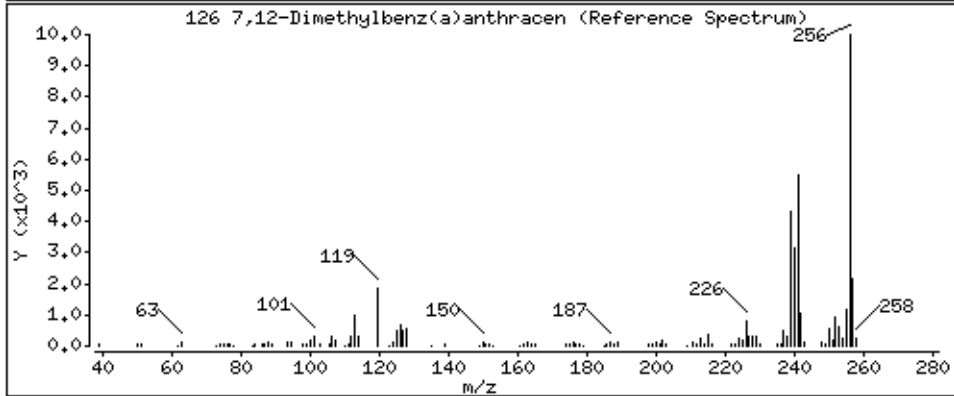
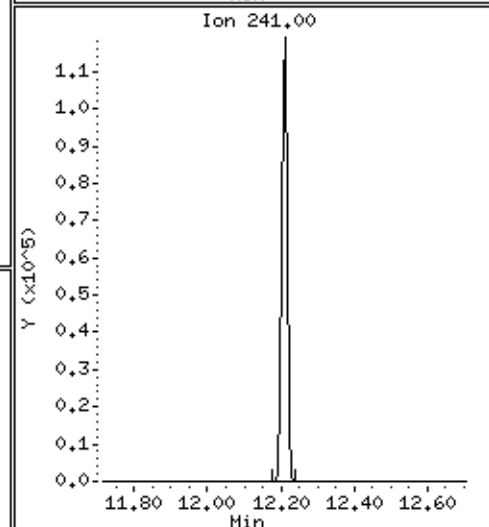
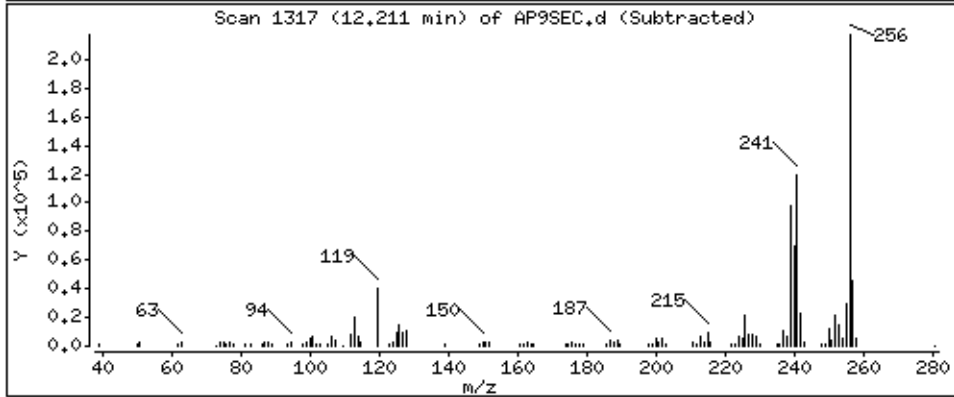
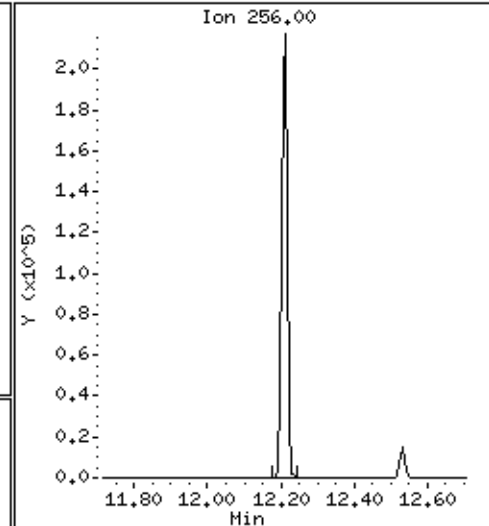
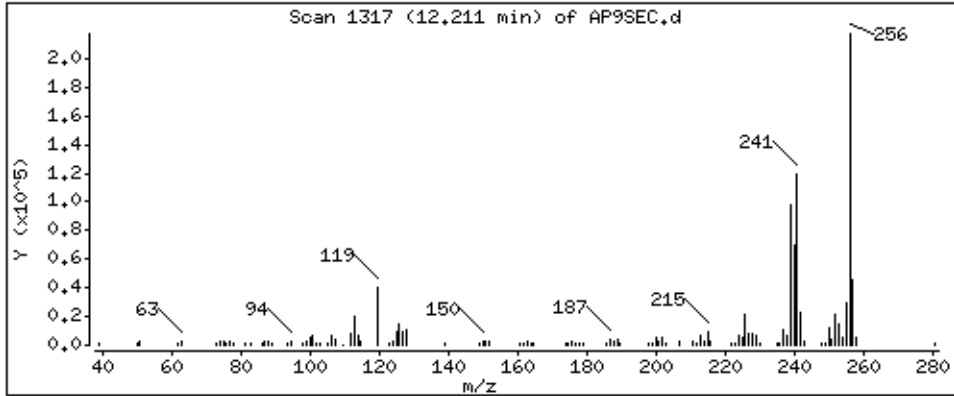
Operator: MJ

Column phase: HPMS-5

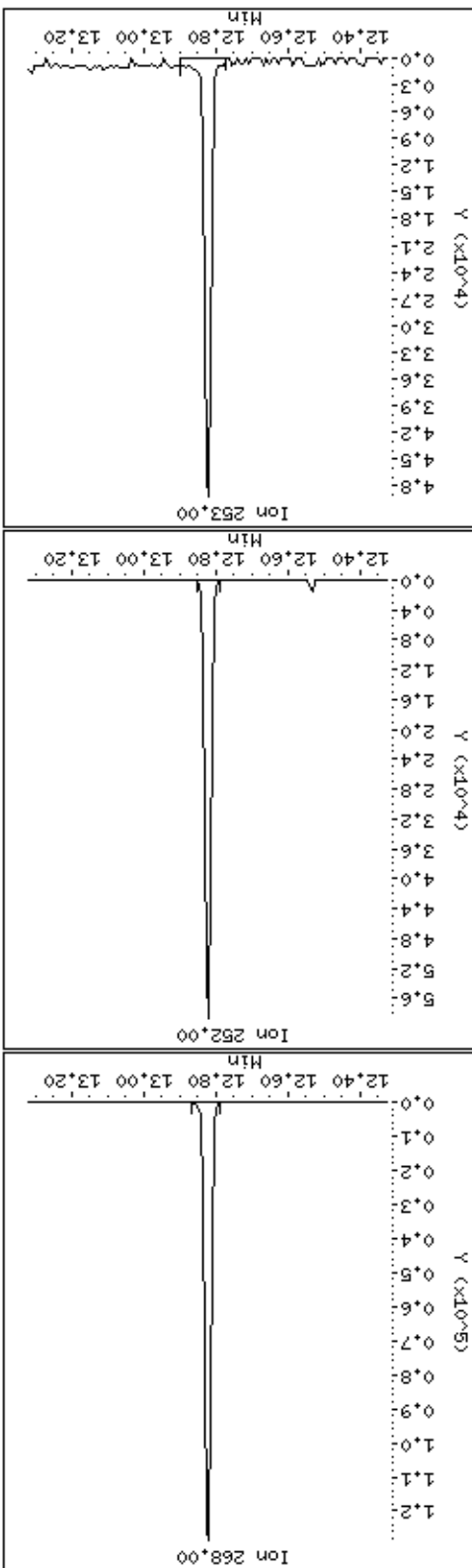
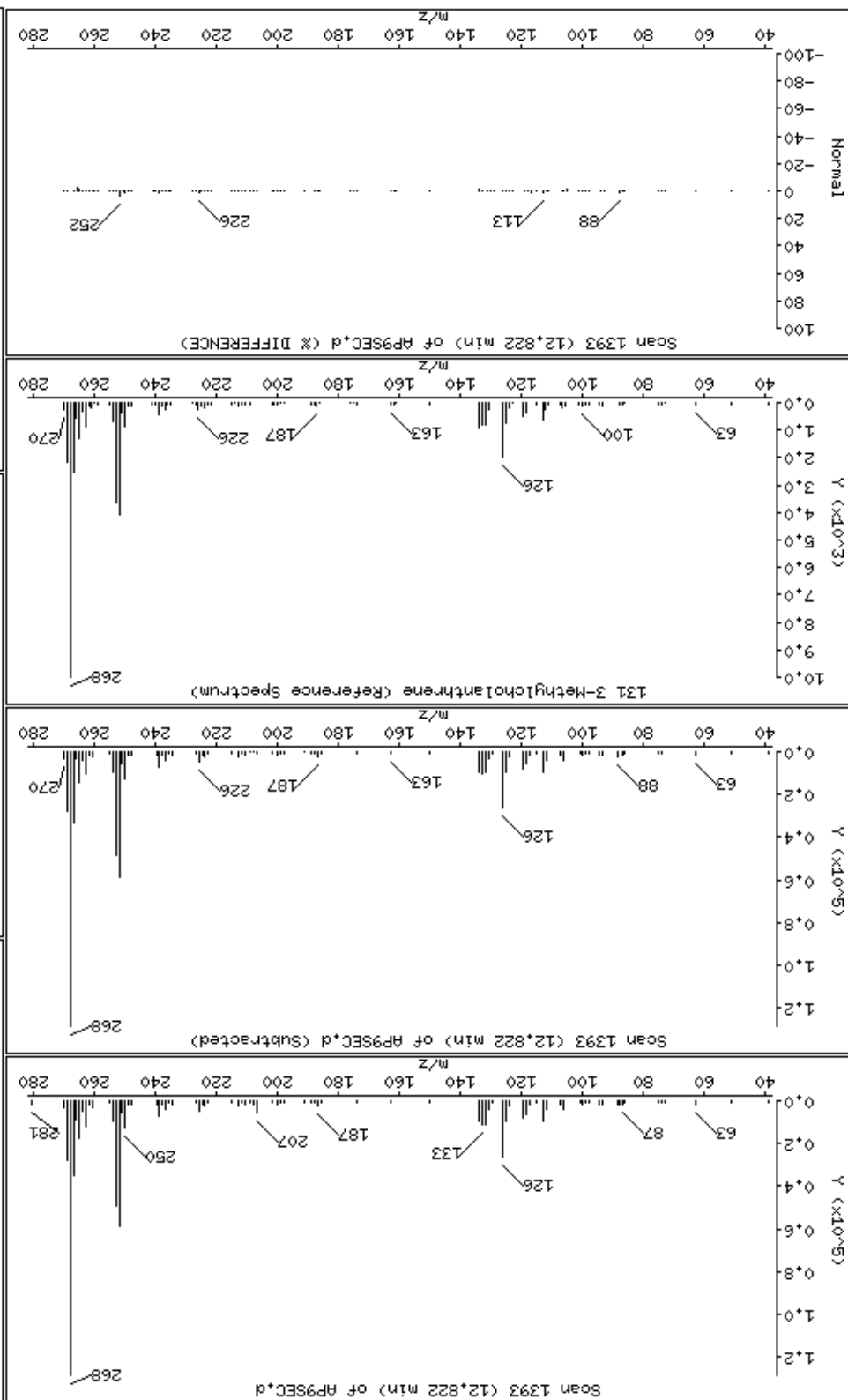
Column diameter: 0,25

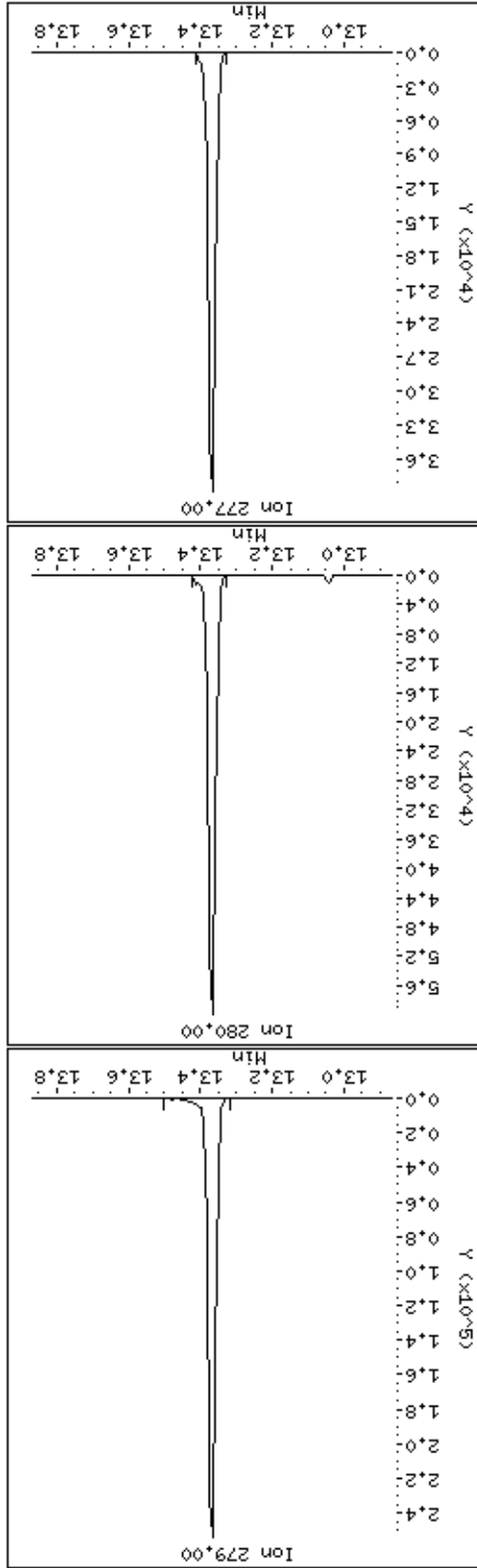
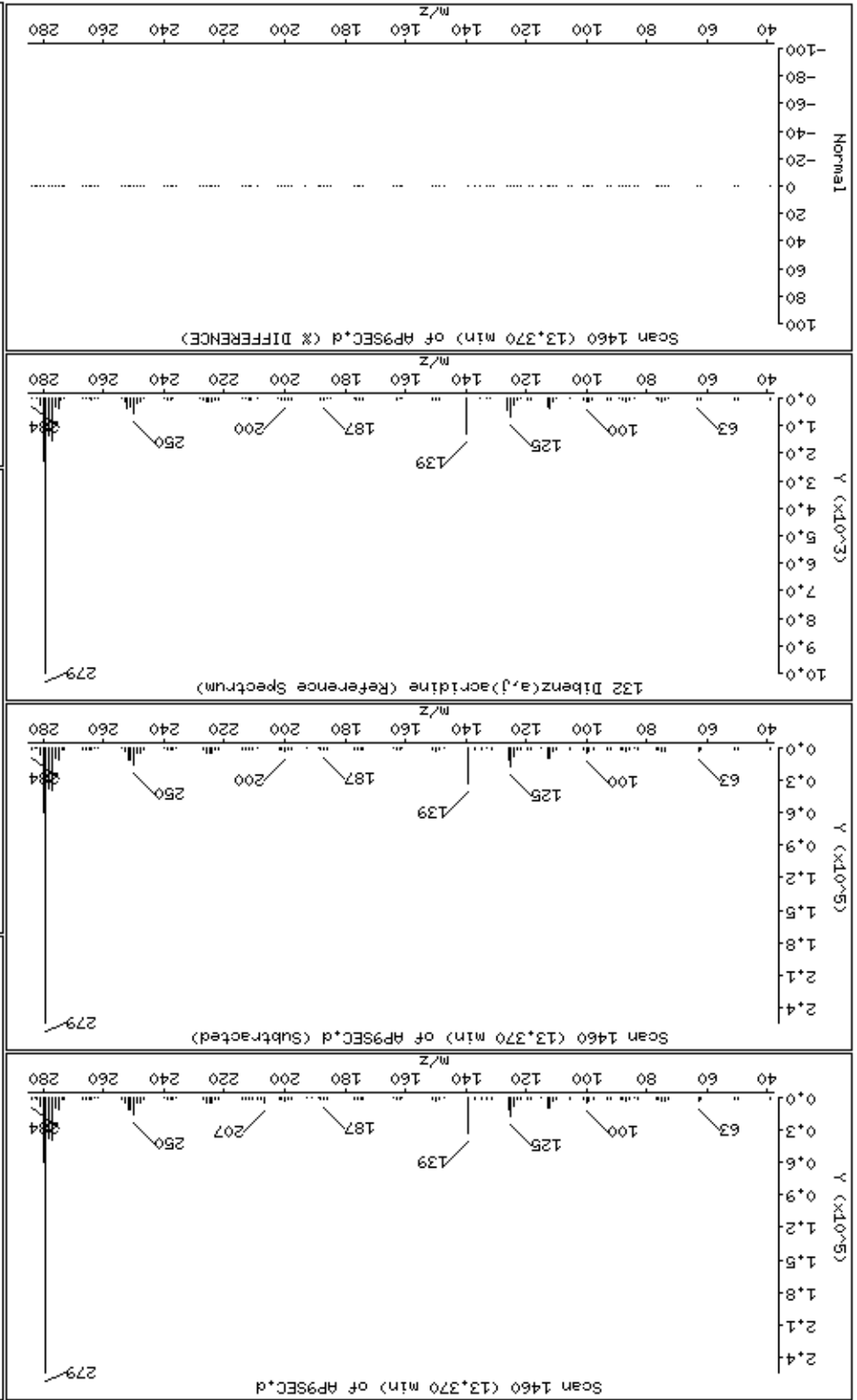
126 7,12-Dimethylbenz(a)anthracen

Concentration: 48,2 ug/kg



131 3-Methylcholanthrene





PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S4112012.b\DFTPP2.d  
 Lab Smp Id: 47137 Client Smp ID: DFTPP2  
 Inj Date : 20-NOV-2012 15:52 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47137  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S4112012.b\DoDTUN.m  
 Meth Date : 06-Aug-2012 11:47 Quant Type: ISTD  
 Cal Date : 23-MAR-2009 02:58 Cal File: AP9CAL1.D  
 Als bottle: 41 QC Sample: DFTPP  
 Dil Factor: 1.00000  
 Integrator: HP RTE Compound Sublist: all.sub  
 Target Version: 4.14 Sample Matrix: WATER  
 Processing Host: WETCHEMDX500

Concentration Formula: Amt \* DF \* Uf \* Vf \* Vi \* CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	1.000	Injection Volume
Cpnd Variable		Local Compound Variable

CONCENTRATIONS									
ON-COL FINAL									
RT	EXP RT	REL RT	MASS	RESPONSE	( ug/L)	( ug/L)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
1 dftpp					CAS #: 5074-71-5				
7.453	7.410	( 0.000)	198	184448			0.00-	100.00	100.00
7.453	7.410	( 0.000)	51	82656			10.00-	80.00	44.81
7.453	7.410	( 0.000)	68	0	0.0	0.0	0.00-	2.00	0.00
7.453	7.410	( 0.000)	69	104752			0.00-	0.00	56.79
7.453	7.410	( 0.000)	70	295			0.00-	2.00	0.28
7.453	7.410	( 0.000)	127	91656			10.00-	80.00	49.69
7.453	7.410	( 0.000)	197	0	0.0	0.0	0.00-	2.00	0.00
7.453	7.410	( 0.000)	199	12551			5.00-	9.00	6.80
7.453	7.410	( 0.000)	275	43640			10.00-	60.00	23.66
7.453	7.410	( 0.000)	365	5740			1.00-	0.00	3.11
7.453	7.410	( 0.000)	441	21440			0.01-	24.00	17.49
7.453	7.410	( 0.000)	442	122568			50.00-	0.00	66.45
7.453	7.410	( 0.000)	443	24616			15.00-	24.00	20.08

Data File: \\sveco04\DD\chem\smsd04\1\S4112012.B\DFTPP2.d

Date : 20-NOV-2012 15:52

Client ID: DFTPP2

Sample Info: 47137

Volume Injected (uL): 1.0

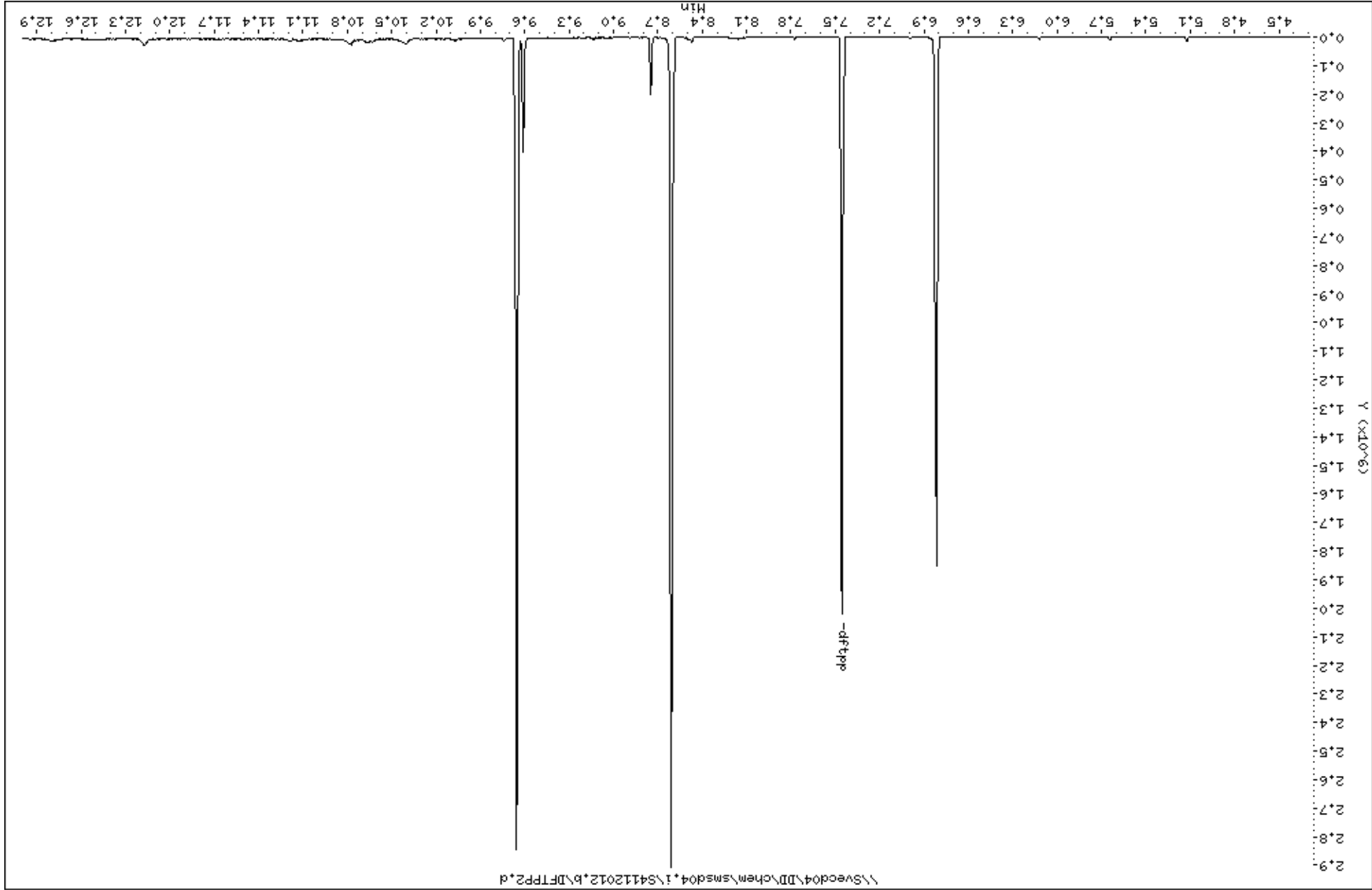
Column phase:

\\sveco04\DD\chem\smsd04\1\S4112012.B\DFTPP2.d

Column diameter: 2.00

Operator: MJ

Instrument: smsd04.i



Date : 20-NOV-2012 15:52

Client ID: DFTPP2

Instrument: smsd04.i

Sample Info: 47137

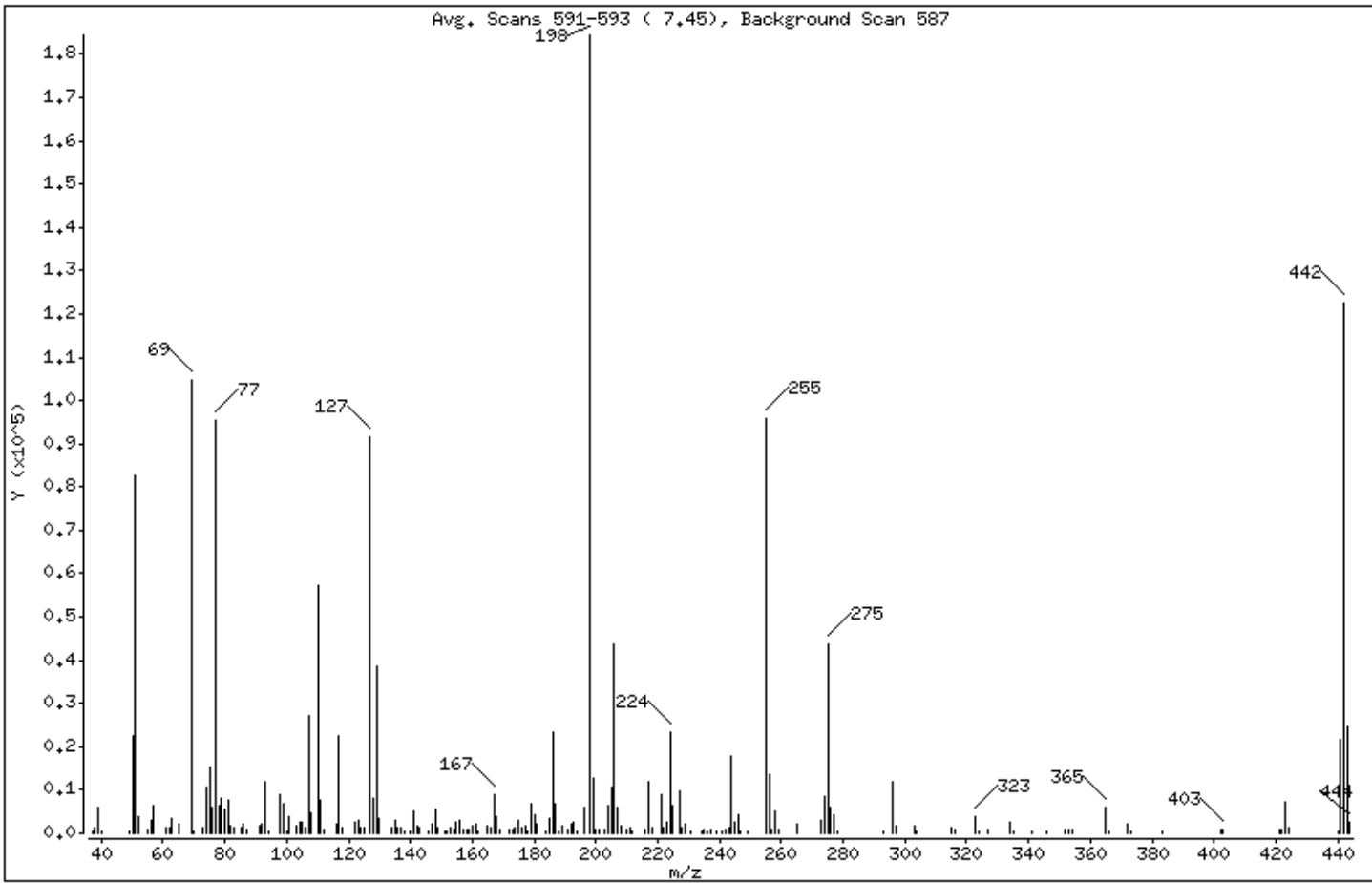
Volume Injected (uL): 1.0

Operator: MJ

Column phase:

Column diameter: 2.00

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	10.00 - 80.00% of mass 198	44.81
68	Less than 2.00% of mass 69	0.00 ( 0.00)
69	Mass 69 relative abundance	56.79
70	Less than 2.00% of mass 69	0.16 ( 0.28)
127	10.00 - 80.00% of mass 198	49.69
197	Less than 2.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.80
275	10.00 - 60.00% of mass 198	23.66
365	Greater than 1.00% of mass 198	3.11
441	0.01 - 24.00% of mass 442	11.62 ( 17.49)
442	Greater than 50.00% of mass 198	66.45
443	15.00 - 24.00% of mass 442	13.35 ( 20.08)



Data File: DFTPP2.d  
Spectrum: Avg. Scans 591-593 (7.45), Background Scan 587  
Location of Maximum: 198.00  
Number of points: 193

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	244	117.00	22648	181.00	2012	249.00	616
38.00	1113	118.00	1421	184.00	509	255.00	95768
39.00	5966	122.00	2542	185.00	3213	256.00	13416
40.00	236	123.00	3004	186.00	23488	257.00	948
49.00	250	124.00	1439	187.00	6993	258.00	5030
50.00	22536	125.00	1237	188.00	483	259.00	649
51.00	82656	127.00	91656	189.00	1550	265.00	2050
52.00	3935	128.00	7859	191.00	798	273.00	3159
55.00	784	129.00	38376	192.00	2067	274.00	8293
56.00	2980	130.00	3537	193.00	2405	275.00	42640
57.00	6405	134.00	1370	194.00	259	276.00	5881
61.00	1290	135.00	3103	196.00	5874	277.00	4041
62.00	1301	136.00	1361	198.00	184448	278.00	594
63.00	3426	137.00	1418	199.00	12551	293.00	577
65.00	1944	138.00	227	200.00	995	296.00	12021
69.00	104752	140.00	593	201.00	847	297.00	1678
70.00	295	141.00	4944	203.00	999	303.00	1531
73.00	1182	142.00	1742	204.00	6359	304.00	218
74.00	10411	143.00	1213	205.00	10702	315.00	1398
75.00	15224	146.00	626	206.00	43832	316.00	659
76.00	5793	147.00	2207	207.00	5853	323.00	3731
77.00	95432	148.00	5406	208.00	1668	324.00	588
78.00	6534	149.00	1071	210.00	727	327.00	665
79.00	8117	151.00	392	211.00	1281	334.00	2635
80.00	5544	152.00	304	212.00	217	335.00	634
81.00	7631	153.00	1282	216.00	932	341.00	226
82.00	1875	154.00	988	217.00	11688	346.00	254
83.00	1445	155.00	2480	218.00	1236	352.00	1038
85.00	1411	156.00	3081	221.00	9100	353.00	684
86.00	2177	157.00	773	222.00	1198	354.00	1005
87.00	1051	158.00	826	223.00	2671	365.00	5740
91.00	1840	159.00	848	224.00	23168	366.00	273
92.00	2018	160.00	1558	225.00	6333	372.00	2068
93.00	11901	161.00	1990	227.00	9563	373.00	252
94.00	550	162.00	285	228.00	1200	383.00	473

Data File: DFTPP2.d  
 Spectrum: Avg. Scans 591-593 ( 7.45), Background Scan 587  
 Location of Maximum: 198.00  
 Number of points: 193

m/z	Y	m/z	Y	m/z	Y	m/z	Y
98.00	9057	165.00	1821	229.00	2079	402.00	712
99.00	6752	166.00	1397	231.00	627	403.00	778
100.00	345	167.00	8888	234.00	549	421.00	815
101.00	3975	168.00	3609	235.00	644	422.00	1030
103.00	1695	169.00	730	236.00	525	423.00	7399
104.00	2461	172.00	818	237.00	934	424.00	1149
105.00	2496	173.00	928	239.00	239	440.00	248
106.00	1071	174.00	1483	241.00	374	441.00	21440
107.00	27296	175.00	3095	242.00	929	442.00	122568
108.00	4712	176.00	1105	243.00	1288	443.00	24616
110.00	57352	177.00	1816	244.00	17816	444.00	2709
111.00	7772	178.00	497	245.00	2661		
112.00	1057	179.00	6705	246.00	4189		
116.00	2081	180.00	4404	247.00	634		

DFTPP TUNE/TAILING FACTOR/DEGRADATION SAMPLE AND GRAPHIC REPORT

Report Date: 11/20/2012 16:07

Datafile Analyzed: //Svecd04/DD/chem/smsd04.i/S4112012.b/DFTPP2.d  
DFTPP TUNE/TAILING FACTOR/DEGRADATION SAMPLE AND GRAPHIC REPORT

Report Date: 11/28/2012 17:34

Datafile Analyzed: //Svecd04/DD/chem/smsd04.i/S4112012.b/DFTPP2.d  
DFTPP TUNE/TAILING FACTOR/DEGRADATION SAMPLE AND GRAPHIC REPORT

Report Date: 11/29/2012 17:59

Datafile Analyzed: //Svecd04/DD/chem/smsd04.i/S4112012.b/DFTPP2.d

PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S4112012.b\8270CAL4.d  
 Lab Smp Id: 47766 Client Smp ID: 8270CAL4  
 Inj Date : 20-NOV-2012 16:30 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47766  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S4112012.b\8270bcs.m  
 Meth Date : 27-Nov-2012 14:49 mjacobs Quant Type: ISTD  
 Cal Date : 15-NOV-2012 09:25 Cal File: AP9CAL7.d  
 Als bottle: 43 Continuing Calibration Sample  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: 8270caln.sub  
 Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt \* DF \* (1/(Vo/1000))\*Vf \* CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1000.000	Volume of sample extracted (mL)
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
-----									
2 Pyridine					CAS #: 110-86-1				
2.215	2.229	( 0.517)	79	134661	45.0000	43.0	80.00- 120.00	100.00	
2.215	2.229	( 0.517)	52	88120			35.44- 95.44	65.44	
-----									
M 16 Cresols (Total)					CAS #: 1319-77-3				
				234396	90.0000			(a)	
-----									
1 N-Nitrosodimethylamine					CAS #: 62-75-9				
2.205	2.221	( 0.515)	42	59723	45.0000	42.8	80.00- 120.00	100.00	
2.205	2.221	( 0.515)	74	79169			100.02- 160.02	132.56	
2.205	2.221	( 0.515)	44	2836			0.00- 34.70	4.75	
-----									
\$ 6 2-Fluorophenol (SURR)					CAS #: 367-12-4				
3.235	3.247	( 0.755)	112	242847	90.0000	88.5	80.00- 120.00	100.00	
3.235	3.247	( 0.755)	64	149129			31.01- 91.01	61.41	
-----									
\$ 11 Phenol-d5 (SURR)					CAS #: 4165-62-2				
3.993	4.007	( 0.932)	99	303264	90.0000	87.3	80.00- 120.00	100.00	
3.993	4.007	( 0.932)	42	60541			0.00- 49.98	19.96	
3.993	4.007	( 0.932)	71	130312			11.59- 71.59	42.97	
-----									
13 Phenol					CAS #: 108-95-2				
4.004	4.016	( 0.935)	94	176319	45.0000	44.7	80.00- 120.00	100.00	

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
13 Phenol (continued)									
4.004	4.016	( 0.935)	65	53974			0.85-	60.85	30.61
4.003	4.016	( 0.935)	66	92923			20.06-	80.06	52.70
-----									
10 Aniline CAS #: 62-53-3									
4.032	4.046	( 0.941)	93	174026	45.0000	44.0	80.00-	120.00	100.00
4.031	4.046	( 0.941)	65	37113			0.00-	50.97	21.33
4.031	4.046	( 0.941)	66	70497			12.53-	72.53	40.51
-----									
14 Bis(2-Chloroethyl)ether CAS #: 111-44-4									
4.079	4.094	( 0.952)	93	120404	45.0000	44.2	80.00-	120.00	100.00
4.079	4.094	( 0.952)	63	86892			42.88-	102.88	72.17
4.079	4.094	( 0.952)	95	39445			1.40-	61.40	32.76
-----									
15 2-Chlorophenol CAS #: 95-57-8									
4.128	4.142	( 0.964)	128	118160	45.0000	44.2	80.00-	120.00	100.00
4.128	4.142	( 0.964)	64	64678			25.16-	85.16	54.74
4.128	4.142	( 0.964)	130	38214			3.51-	63.51	32.34
-----									
17 1,3-Dichlorobenzene CAS #: 541-73-1									
4.254	4.267	( 0.993)	146	143623	45.0000	44.9	80.00-	120.00	100.00
4.254	4.267	( 0.993)	148	92410			33.32-	93.32	64.34
4.254	4.267	( 0.993)	111	64410			14.03-	74.03	44.85
-----									
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.283	4.297	( 1.000)	152	86194	40.0000		80.00-	120.00	100.00(Q)
4.283	4.297	( 1.000)	115	52252			32.81-	92.81	60.62
4.283	4.297	( 1.000)	150	162244			161.37-	221.37	188.23
-----									
19 1,4-Dichlorobenzene CAS #: 106-46-7									
4.297	4.311	( 1.003)	146	148646	45.0000	44.9	80.00-	120.00	100.00
4.297	4.311	( 1.003)	148	95796			34.34-	94.34	64.45
4.297	4.311	( 1.003)	111	65708			13.84-	73.84	44.20
-----									
21 Benzyl alcohol CAS #: 100-51-6									
4.416	4.429	( 1.031)	108	77977	45.0000	44.7	80.00-	120.00	100.00
4.416	4.429	( 1.031)	79	123609			128.09-	188.09	158.52
4.416	4.429	( 1.031)	77	82164			74.80-	134.80	105.37
-----									
20 1,2-Dichlorobenzene CAS #: 95-50-1									
4.465	4.479	( 1.043)	146	137391	45.0000	44.6	80.00-	120.00	100.00
4.465	4.479	( 1.043)	148	87268			33.85-	93.85	63.52
4.465	4.479	( 1.042)	111	62319			16.56-	76.56	45.36
-----									
22 2-Methylphenol CAS #: 95-48-7									
4.525	4.539	( 1.056)	107	95606	45.0000	43.8	80.00-	120.00	100.00
4.525	4.539	( 1.056)	108	107427			83.36-	143.36	112.36
4.525	4.539	( 1.056)	79	54222			28.19-	88.19	56.71
-----									
23 2,2'-oxybis(1-chloropropane) CAS #: 108-60-1									
4.557	4.571	( 1.064)	45	149843	45.0000	42.6	80.00-	120.00	100.00
4.557	4.571	( 1.064)	77	28430			0.00-	47.41	18.97
4.557	4.571	( 1.064)	121	42477			0.00-	56.53	28.35
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
28 4-Methylphenol					CAS #: 106-44-5				
4.657	4.668	( 1.087)	107	138790	45.0000	42.8	80.00-	120.00	100.00
4.657	4.668	( 1.087)	108	113528			53.38-	113.38	81.80
4.656	4.668	( 1.087)	79	39080			0.00-	57.00	28.16
-----									
26 N-Nitrosodinpropylamine					CAS #: 621-64-7				
4.685	4.699	( 1.094)	70	102259	45.0000	44.3	80.00-	120.00	100.00
4.684	4.699	( 1.094)	42	52248			21.02-	81.02	51.09
4.685	4.699	( 1.094)	130	21862			0.00-	50.80	21.38
-----									
30 Hexachloroethane					CAS #: 67-72-1				
4.739	4.754	( 1.106)	117	64094	45.0000	45.8	80.00-	120.00	100.00
4.739	4.754	( 1.106)	201	61945			64.30-	124.30	96.65
4.739	4.754	( 1.106)	199	38830			28.93-	88.93	60.58
-----									
\$ 31 Nitrobenzene-d5 (SURR)					CAS #: 4165-60-0				
4.804	4.818	( 0.881)	82	157568	45.0000	44.4	80.00-	120.00	100.00
4.804	4.818	( 0.881)	128	59519			6.54-	66.54	37.77
4.803	4.818	( 0.881)	54	77106			19.45-	79.45	48.94
-----									
32 Nitrobenzene					CAS #: 98-95-3				
4.820	4.835	( 0.884)	77	157271	45.0000	44.2	80.00-	120.00	100.00
4.820	4.835	( 0.884)	123	57900			7.04-	67.04	36.82
4.820	4.835	( 0.884)	65	23059			0.00-	44.13	14.66
-----									
34 Isophorone					CAS #: 78-59-1				
5.032	5.047	( 0.923)	82	268671	45.0000	45.0	80.00-	120.00	100.00
5.033	5.047	( 0.923)	138	42499			0.00-	45.62	15.82
5.032	5.047	( 0.923)	95	22032			0.00-	37.92	8.20
-----									
35 2-Nitrophenol					CAS #: 88-75-5				
5.113	5.128	( 0.938)	139	67776	45.0000	47.2	80.00-	120.00	100.00
5.113	5.128	( 0.938)	65	41869			34.24-	94.24	61.78
5.113	5.128	( 0.938)	109	28176			11.16-	71.16	41.57
-----									
36 2,4-Dimethylphenol					CAS #: 105-67-9				
5.145	5.158	( 0.943)	122	91594	45.0000	43.6	80.00-	120.00	100.00
5.145	5.158	( 0.943)	107	126447			101.54-	161.54	138.05
5.145	5.158	( 0.943)	121	55668			28.65-	88.65	60.78
-----									
38 Bis(2-Chloroethoxy)methane					CAS #: 111-91-1				
5.238	5.252	( 0.961)	93	155543	45.0000	44.7	80.00-	120.00	100.00
5.239	5.252	( 0.961)	95	50754			1.91-	61.91	32.63
5.239	5.252	( 0.961)	123	21987			0.00-	43.90	14.14
-----									
40 Benzoic Acid					CAS #: 65-85-0				
5.252	5.263	( 0.963)	122	62557	45.0000	41.7	80.00-	120.00	100.00
5.250	5.263	( 0.963)	105	90118			111.24-	171.24	144.06
5.251	5.263	( 0.963)	77	76203			91.47-	151.47	121.81
-----									
41 2,4-Dichlorophenol					CAS #: 120-83-2				
5.328	5.342	( 0.977)	162	112481	45.0000	45.9	80.00-	120.00	100.00
5.328	5.342	( 0.977)	164	71856			32.98-	92.98	63.88

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
41 2,4-Dichlorophenol (continued)									
5.328	5.342	( 0.977)	98	41572			7.67-	67.67	36.96
-----									
42 1,2,4-Trichlorobenzene CAS #: 120-82-1									
5.414	5.427	( 0.993)	180	124991	45.0000	45.3	80.00-	120.00	100.00
5.414	5.427	( 0.993)	182	121781			65.85-	125.85	97.43
5.414	5.427	( 0.993)	145	36587			0.00-	59.12	29.27
-----									
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.453	5.467	( 1.000)	136	283346	40.0000		80.00-	120.00	100.00
5.453	5.467	( 1.000)	68	20116			0.00-	37.30	7.10
-----									
44 Naphthalene CAS #: 91-20-3									
5.471	5.486	( 1.003)	128	333227	45.0000	44.5	80.00-	120.00	100.00
5.471	5.486	( 1.003)	129	36712			0.00-	40.96	11.02
5.471	5.486	( 1.003)	127	42703			0.00-	42.78	12.81
-----									
45 4-Chloroaniline CAS #: 106-47-8									
5.539	5.552	( 1.016)	127	134724	45.0000	44.0	80.00-	120.00	100.00
5.540	5.552	( 1.016)	129	45314			1.49-	61.49	33.63
5.539	5.552	( 1.016)	65	50711			6.97-	66.97	37.64
-----									
48 Hexachlorobutadiene CAS #: 87-68-3									
5.641	5.654	( 1.034)	225	89132	45.0000	45.0	80.00-	120.00	100.00
5.641	5.654	( 1.034)	223	56985			31.59-	91.59	63.93
5.641	5.654	( 1.034)	227	58851			33.71-	93.71	66.03
-----									
51 4-Chloro-3-methylphenol CAS #: 59-50-7									
5.996	6.009	( 1.100)	107	117728	45.0000	44.7	80.00-	120.00	100.00
5.996	6.009	( 1.100)	144	26988			0.00-	53.75	22.92
5.996	6.009	( 1.100)	142	86002			40.75-	100.75	73.05
-----									
53 2-Methylnaphthalene CAS #: 91-57-6									
6.128	6.141	( 1.124)	142	223033	45.0000	44.2	80.00-	120.00	100.00
6.128	6.141	( 1.124)	141	193648			56.12-	116.12	86.82
-----									
54 1-Methylnaphthalene CAS #: 90-12-0									
6.233	6.247	( 1.143)	142	208563	45.0000	44.9	80.00-	120.00	100.00
6.233	6.247	( 1.143)	141	182316			59.98-	119.98	87.42
-----									
55 Hexachlorocyclopentadiene CAS #: 77-47-4									
6.346	6.360	( 0.887)	237	104984	45.0000	54.7	80.00-	120.00	100.00
6.346	6.360	( 0.887)	235	65719			33.35-	93.35	62.60
6.346	6.360	( 0.887)	272	13893			0.00-	42.65	13.23
-----									
57 2,4,6-Trichlorophenol CAS #: 88-06-2									
6.424	6.438	( 0.898)	196	86140	45.0000	47.0	80.00-	120.00	100.00
6.424	6.438	( 0.898)	198	81087			68.00-	128.00	94.13
6.424	6.438	( 0.898)	200	26234			0.40-	60.40	30.46
-----									
58 2,4,5-Trichlorophenol CAS #: 95-95-4									
6.460	6.472	( 0.903)	196	93443	45.0000	47.2	80.00-	120.00	100.00
6.460	6.472	( 0.903)	198	87992			64.76-	124.76	94.17

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
58 2,4,5-Trichlorophenol (continued)									
6.460	6.472	( 0.903)	97	53208			28.28-	88.28	56.94
-----									
\$ 59 2-Fluorobiphenyl (SURR) CAS #: 321-60-8									
6.501	6.515	( 0.909)	172	285513	45.0000	45.9	80.00-	120.00	100.00
6.501	6.515	( 0.909)	171	99245			3.57-	63.57	34.76
-----									
62 2-Chloronaphthalene CAS #: 91-58-7									
6.597	6.611	( 0.922)	162	236383	45.0000	46.0	80.00-	120.00	100.00
6.597	6.611	( 0.922)	164	79483			1.91-	61.91	33.62
6.597	6.611	( 0.922)	127	90994			8.19-	68.19	38.49
-----									
63 2-Nitroaniline CAS #: 88-74-4									
6.726	6.740	( 0.940)	65	81605	45.0000	45.6	80.00-	120.00	100.00
6.726	6.740	( 0.940)	92	55395			33.95-	93.95	67.88
6.726	6.740	( 0.940)	138	75855			59.17-	119.17	92.95
-----									
65 Dimethylphthalate CAS #: 131-11-3									
6.935	6.949	( 0.969)	163	284270	45.0000	46.8	80.00-	120.00	100.00
6.936	6.949	( 0.969)	194	15990			0.00-	35.78	5.62
6.935	6.949	( 0.969)	164	28065			0.00-	40.21	9.87
-----									
68 Acenaphthylene CAS #: 208-96-8									
7.006	7.020	( 0.979)	152	372169	45.0000	46.2	80.00-	120.00	100.00
7.006	7.020	( 0.979)	151	73798			0.00-	50.02	19.83
7.006	7.020	( 0.979)	153	48713			0.00-	42.99	13.09
-----									
67 2,6-Dinitrotoluene CAS #: 606-20-2									
7.000	7.015	( 0.978)	165	65002	45.0000	47.1	80.00-	120.00	100.00
7.000	7.015	( 0.978)	89	44502			39.67-	99.67	68.46
7.001	7.015	( 0.978)	63	67855			74.50-	134.50	104.39
-----									
69 3-Nitroaniline CAS #: 99-09-2									
7.131	7.145	( 0.997)	138	60178	45.0000	46.1	80.00-	120.00	100.00
7.131	7.145	( 0.997)	108	7055			0.00-	42.08	11.72
7.131	7.145	( 0.996)	92	81552			105.51-	165.51	135.52
-----									
* 70 Acenaphthene-d10 CAS #: 15067-26-2									
7.156	7.170	( 1.000)	164	174204	40.0000		80.00-	120.00	100.00
7.156	7.170	( 1.000)	162	169090			64.44-	124.44	97.06
7.156	7.170	( 1.000)	160	74276			11.89-	71.89	42.64
-----									
71 Acenaphthene CAS #: 83-32-9									
7.186	7.201	( 1.004)	154	213785	45.0000	46.0	80.00-	120.00	100.00
7.186	7.201	( 1.004)	153	227307			76.44-	136.44	106.33
7.186	7.201	( 1.004)	152	110565			20.57-	80.57	51.72
-----									
72 2,4-Dinitrophenol CAS #: 51-28-5									
7.228	7.242	( 1.010)	184	39986	45.0000	48.0	80.00-	120.00	100.00
7.228	7.242	( 1.010)	63	29591			46.77-	106.77	74.00
7.229	7.242	( 1.010)	154	25220			34.25-	94.25	63.07
-----									
74 4-Nitrophenol CAS #: 100-02-7									
7.291	7.303	( 1.019)	109	52448	45.0000	47.8	80.00-	120.00	100.00



AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
74 4-Nitrophenol (continued)									
7.291	7.303	( 1.019)	139	49966			68.18-	128.18	95.27
7.291	7.303	( 1.019)	65	59631			86.07-	146.07	113.70
-----									
75 Dibenzofuran CAS #: 132-64-9									
7.340	7.354	( 1.026)	168	326795	45.0000	45.9	80.00-	120.00	100.00
7.340	7.354	( 1.026)	139	133058			10.66-	70.66	40.72
-----									
76 2,4-Dinitrotoluene CAS #: 121-14-2									
7.378	7.392	( 1.031)	165	81916	45.0000	46.8	80.00-	120.00	100.00
7.378	7.392	( 1.031)	63	40948			23.04-	83.04	49.99
7.378	7.392	( 1.031)	89	67343			53.09-	113.09	82.21
-----									
80 Diethylphthalate CAS #: 84-66-2									
7.625	7.640	( 1.066)	149	272671	45.0000	45.7	80.00-	120.00	100.00
7.625	7.640	( 1.066)	177	59588			0.00-	51.89	21.85
7.625	7.640	( 1.066)	150	35165			0.00-	42.18	12.90
-----									
81 Fluorene CAS #: 86-73-7									
7.676	7.690	( 1.073)	166	288016	45.0000	46.0	80.00-	120.00	100.00
7.676	7.690	( 1.073)	165	269367			64.28-	124.28	93.53
7.676	7.690	( 1.073)	167	38142			0.00-	43.68	13.24
-----									
82 4-Chlorophenyl-phenylether CAS #: 7005-72-3									
7.676	7.690	( 1.073)	204	153232	45.0000	46.6	80.00-	120.00	100.00
7.676	7.690	( 1.073)	206	49841			2.35-	62.35	32.53
7.676	7.690	( 1.073)	141	93249			31.15-	91.15	60.85
-----									
84 4-Nitroaniline CAS #: 100-01-6									
7.733	7.747	( 1.081)	138	57038	45.0000	48.1	80.00-	120.00	100.00
7.732	7.747	( 1.081)	92	33365			28.45-	88.45	58.50
7.733	7.747	( 1.081)	108	66758			87.80-	147.80	117.04
-----									
85 4,6-Dinitro-2-methylphenol CAS #: 534-52-1									
7.774	7.789	( 0.905)	198	58096	45.0000	48.8	80.00-	120.00	100.00
7.774	7.789	( 0.905)	51	29432			22.13-	82.13	50.66
7.774	7.789	( 0.905)	105	25233			13.62-	73.62	43.43
-----									
86 N-Nitrosodiphenylamine CAS #: 86-30-6									
7.799	7.813	( 0.908)	169	179500	45.0000	44.9	80.00-	120.00	100.00
7.799	7.813	( 0.908)	168	123688			39.77-	99.77	68.91
7.799	7.813	( 0.908)	167	63301			4.69-	64.69	35.27
-----									
87 1,2-Diphenylhydrazine CAS #: 122-66-7									
7.830	7.845	( 1.094)	77	302016	45.0000	44.0	80.00-	120.00	100.00
7.831	7.845	( 1.094)	105	43009			0.00-	43.78	14.24
7.831	7.845	( 1.094)	182	72923			0.00-	53.70	24.15
-----									
§ 88 2,4,6-Tribromophenol (SURR) CAS #: 118-79-6									
7.931	7.945	( 1.108)	330	100133	90.0000	93.0	80.00-	120.00	100.00
7.931	7.945	( 1.108)	332	96266			65.90-	125.90	96.14
7.931	7.945	( 1.108)	141	39871			10.84-	70.84	39.82
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
====	=====	=====	====	=====	=====	=====	=====	=====	
93 4-Bromophenylphenylether						CAS #: 101-55-3			
8.149	8.163	( 0.949)	248	89802	45.0000	46.6	80.00- 120.00	100.00	
8.149	8.163	( 0.949)	250	86510			66.19- 126.19	96.33	
8.148	8.163	( 0.949)	141	69510			47.90- 107.90	77.40	
-----									
94 Hexachlorobenzene						CAS #: 118-74-1			
8.292	8.307	( 0.966)	284	102616	45.0000	47.2	80.00- 120.00	100.00	
8.292	8.307	( 0.965)	142	38011			8.18- 68.18	37.04	
8.292	8.307	( 0.966)	249	31218			0.00- 59.97	30.42	
-----									
96 Pentachlorophenol						CAS #: 87-86-5			
8.466	8.480	( 0.986)	266	60993	45.0000	43.4	80.00- 120.00	100.00	
8.466	8.480	( 0.986)	264	37913			33.17- 93.17	62.16	
8.466	8.480	( 0.986)	268	37753			33.83- 93.83	61.90	
-----									
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.588	8.603	( 1.000)	188	310806	40.0000		80.00- 120.00	100.00	
8.588	8.603	( 1.000)	94	32697			0.00- 40.88	10.52	
8.588	8.603	( 1.000)	80	35257			0.00- 41.92	11.34	
-----									
101 Phenanthrene						CAS #: 85-01-8			
8.611	8.626	( 1.003)	178	383817	45.0000	45.0	80.00- 120.00	100.00	
8.611	8.626	( 1.003)	179	57716			0.00- 45.20	15.04	
8.611	8.626	( 1.003)	176	74948			0.00- 49.13	19.53	
-----									
103 Anthracene						CAS #: 120-12-7			
8.654	8.669	( 1.008)	178	343257	45.0000	45.3	80.00- 120.00	100.00	
8.654	8.669	( 1.008)	179	51611			0.00- 45.33	15.04	
8.654	8.669	( 1.008)	176	62938			0.00- 48.26	18.34	
-----									
104 Carbazole						CAS #: 86-74-8			
8.815	8.829	( 1.026)	167	347053	45.0000	46.2	80.00- 120.00	100.00	
8.815	8.829	( 1.026)	139	46230			0.00- 43.51	13.32	
8.815	8.829	( 1.026)	83	30793			0.00- 39.22	8.87	
-----									
105 Di-n-butylphthalate						CAS #: 84-74-2			
9.211	9.226	( 1.073)	149	488009	45.0000	48.1	80.00- 120.00	100.00	
9.211	9.226	( 1.072)	150	44338			0.00- 38.85	9.09	
9.211	9.226	( 1.072)	104	30882			0.00- 36.43	6.33	
-----									
109 Fluoranthene						CAS #: 206-44-0			
9.780	9.795	( 1.139)	202	439520	45.0000	47.1	80.00- 120.00	100.00	
9.779	9.795	( 1.139)	101	49091			0.00- 41.63	11.17	
9.780	9.795	( 1.139)	203	77126			0.00- 46.75	17.55	
-----									
111 Pyrene						CAS #: 129-00-0			
10.000	10.016	( 0.893)	202	441342	45.0000	44.2	80.00- 120.00	100.00	
9.999	10.016	( 0.893)	200	91425			0.00- 50.49	20.72	
10.000	10.016	( 0.893)	203	78941			0.00- 47.75	17.89	
-----									
\$ 112 Terphenyl-d14 (SURR)						CAS #: 1718-51-0			
10.161	10.179	( 0.908)	244	341686	45.0000	44.1	80.00- 120.00	100.00	
10.161	10.179	( 0.908)	122	34502			0.00- 40.80	10.10	

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
====	=====	=====	====	=====	=====	=====	=====	=====	=====
\$ 112 Terphenyl-d14 (SURR) (continued)									
10.161	10.179	( 0.908)	212	26756			0.00-	37.58	7.83
-----									
118 Butylbenzylphthalate					CAS #: 85-68-7				
10.675	10.691	( 0.954)	149	226435	45.0000	47.3	80.00-	120.00	100.00
10.674	10.691	( 0.954)	91	171571			45.37-	105.37	75.77
10.675	10.691	( 0.954)	206	50215			0.00-	51.70	22.18
-----									
120 Benzo[a]anthracene					CAS #: 56-55-3				
11.176	11.194	( 0.998)	228	448613	45.0000	45.5	80.00-	120.00	100.00
11.176	11.194	( 0.998)	229	86321			0.00-	49.81	19.24
11.176	11.194	( 0.998)	226	117315			0.00-	56.61	26.15
-----									
* 121 Chrysene-d12					CAS #: 1719-03-5				
11.195	11.213	( 1.000)	240	376871	40.0000		80.00-	120.00	100.00
11.194	11.213	( 1.000)	120	36969			0.00-	40.23	9.81
11.195	11.213	( 1.000)	236	90541			0.00-	54.43	24.02
-----									
123 Chrysene					CAS #: 218-01-9				
11.219	11.236	( 1.002)	228	440756	45.0000	45.3	80.00-	120.00	100.00
11.219	11.236	( 1.002)	226	128726			0.00-	59.02	29.21
11.220	11.236	( 1.002)	229	87555			0.00-	49.74	19.86
-----									
124 Bis-2-Ethylhexylphthalate					CAS #: 117-81-7				
11.257	11.275	( 1.006)	149	318081	45.0000	48.2	80.00-	120.00	100.00
11.257	11.275	( 1.006)	167	94664			0.09-	60.09	29.76
11.258	11.275	( 1.006)	279	24049			0.00-	37.40	7.56
-----									
125 Di-n-octylphthalate					CAS #: 117-84-0				
11.824	11.842	( 0.945)	149	551485	45.0000	43.0	80.00-	120.00	100.00
11.824	11.842	( 0.945)	167	8242			0.00-	31.53	1.49
11.824	11.842	( 0.945)	43	46708			0.00-	38.73	8.47
-----									
127 Benzo[b]fluoranthene					CAS #: 205-99-2				
12.179	12.198	( 0.974)	252	443779	45.0000	45.4	80.00-	120.00	100.00
12.179	12.198	( 0.974)	253	98450			0.00-	51.93	22.18
12.178	12.198	( 0.973)	125	42382			0.00-	48.50	9.55
-----									
128 Benzo[k]fluoranthene					CAS #: 207-08-9				
12.198	12.220	( 0.975)	252	449182	45.0000	41.0	80.00-	120.00	100.00
12.198	12.220	( 0.975)	253	102095			0.00-	51.78	22.73
12.198	12.220	( 0.975)	125	35294			0.00-	47.06	7.86
-----									
129 Benzo[a]pyrene					CAS #: 50-32-8				
12.460	12.482	( 0.996)	252	413560	45.0000	46.2	80.00-	120.00	100.00
12.460	12.482	( 0.996)	253	94365			0.00-	52.83	22.82
12.460	12.482	( 0.996)	125	39042			0.00-	39.81	9.44
-----									
* 130 Perylene-d12					CAS #: 1520-96-3				
12.510	12.532	( 1.000)	264	343249	40.0000		80.00-	120.00	100.00
12.510	12.532	( 1.000)	260	76164			0.00-	52.28	22.19
12.510	12.532	( 1.000)	265	74857			0.00-	51.45	21.81
-----									

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	AMOUNTS		TARGET RANGE	RATIO	
					CAL-AMT (ug/ml)	ON-COL (ug/ml)			
133 Indeno[1,2,3-cd]pyrene					CAS #: 193-39-5				
13.539	13.569	( 1.082)	276	473762	45.0000	47.1	80.00- 120.00	100.00	
13.540	13.569	( 1.082)	138	106444			0.00- 52.87	22.47	
13.539	13.569	( 1.082)	277	121342			0.00- 55.20	25.61	
-----									
134 Dibenz[a,h]anthracene					CAS #: 53-70-3				
13.544	13.574	( 1.083)	278	401204	45.0000	47.3	80.00- 120.00	100.00	
13.543	13.574	( 1.083)	139	55198			0.00- 45.22	13.76	
13.544	13.574	( 1.083)	279	94527			0.00- 52.97	23.56	
-----									
135 Benzo[g,h,i]perylene					CAS #: 191-24-2				
13.820	13.852	( 1.105)	276	371202	45.0000	46.4	80.00- 120.00	100.00	
13.820	13.852	( 1.105)	138	70652			0.00- 49.03	19.03	
13.820	13.852	( 1.105)	277	86708			0.00- 53.91	23.36	
-----									

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Sample Info: 47766

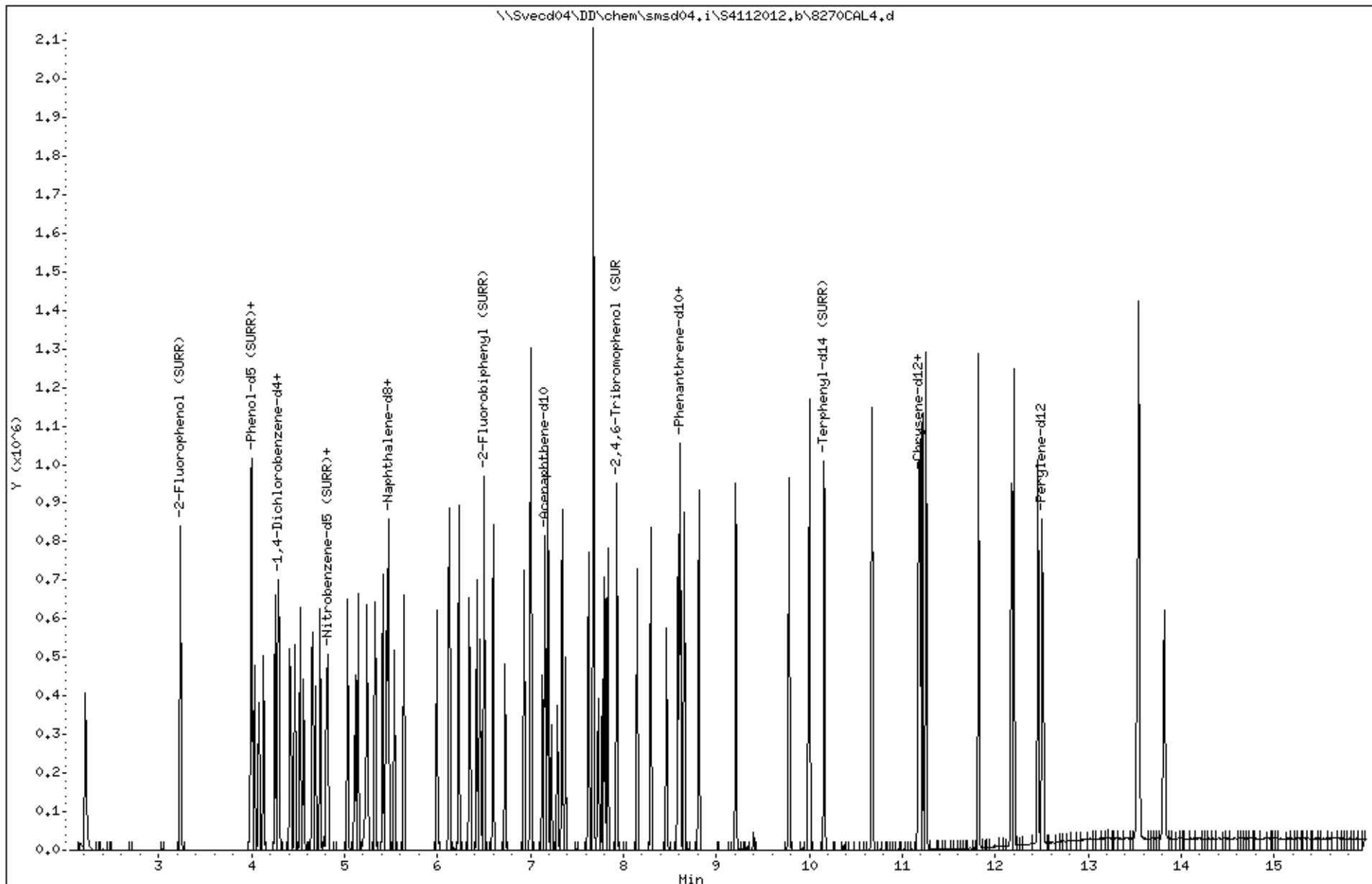
Purge Volume: 1000,0

Column phase: HPMS-5

Instrument: smsd04.i

Operator: MJ

Column diameter: 0.25



Date: 20-NOV-2012 16:30

Client ID: 8270CAL4

Sample Info: 4766

Purge Volume: 1000.0

Operator: MJ

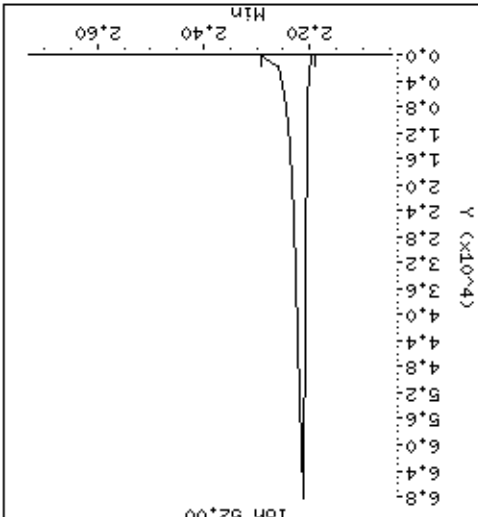
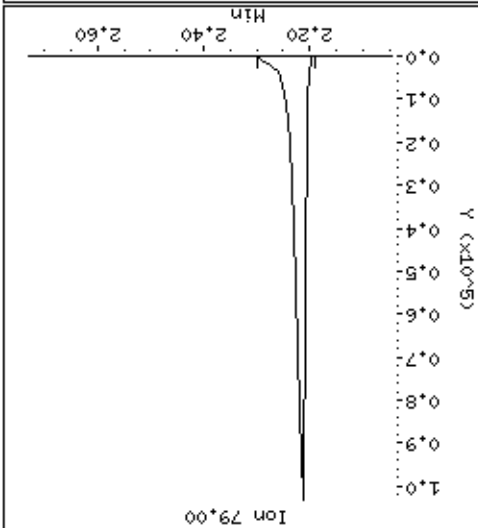
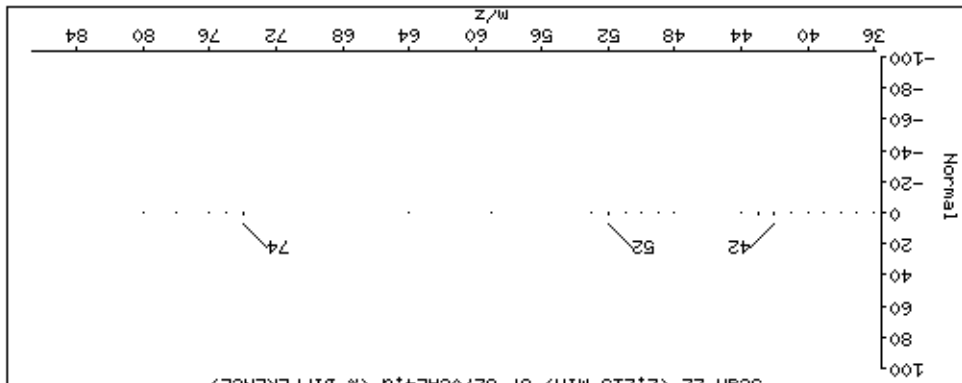
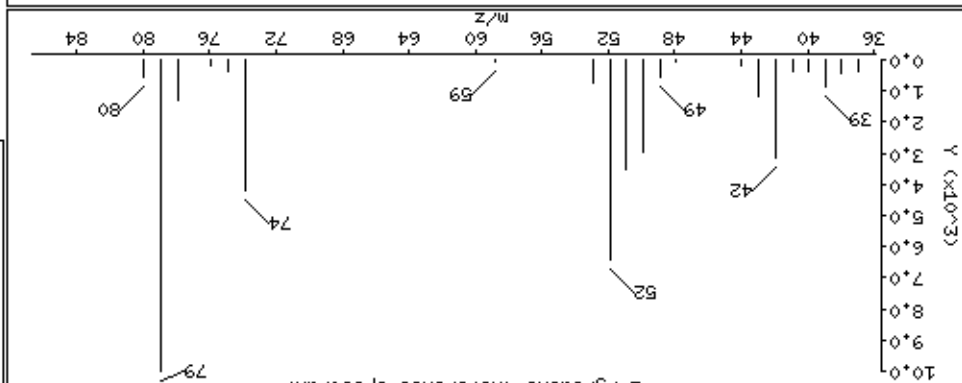
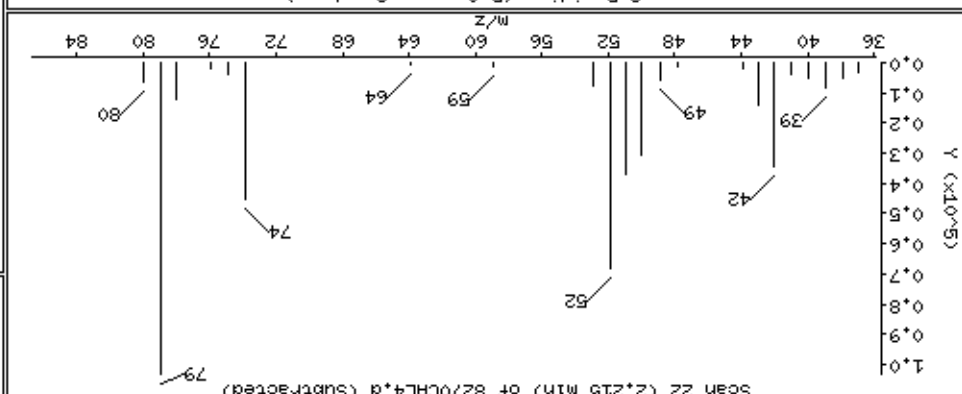
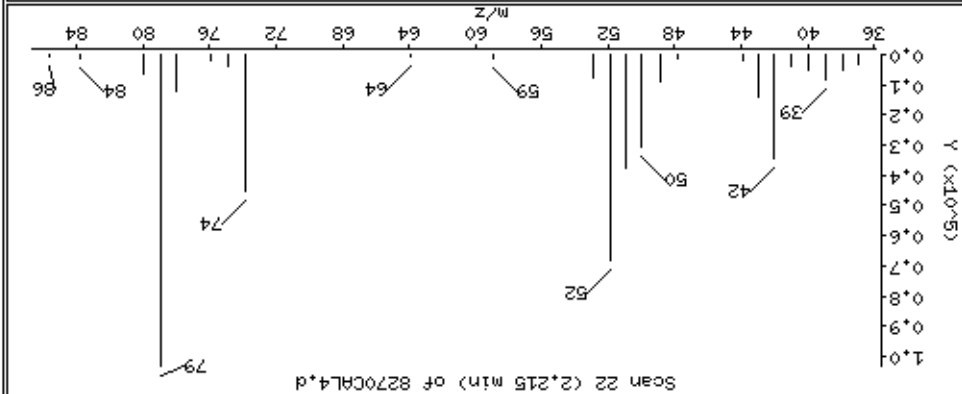
Column phase: HPMS-5

Column diameter: 0.25

Instrument: smsd04.1

Concentration: 43.0 ug/l

2 Pyridine



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

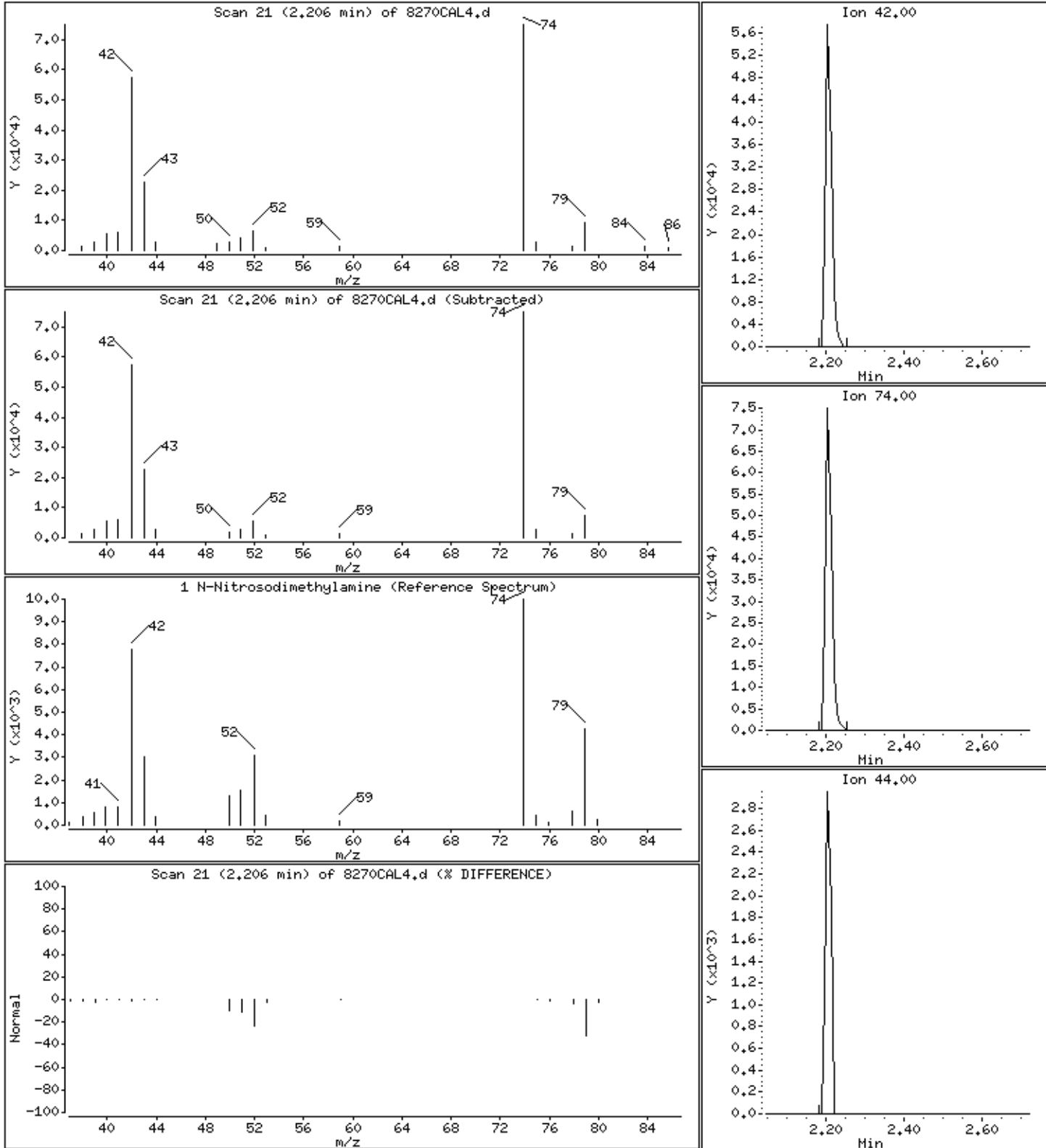
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

1 N-Nitrosodimethylamine

Concentration: 42.8 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

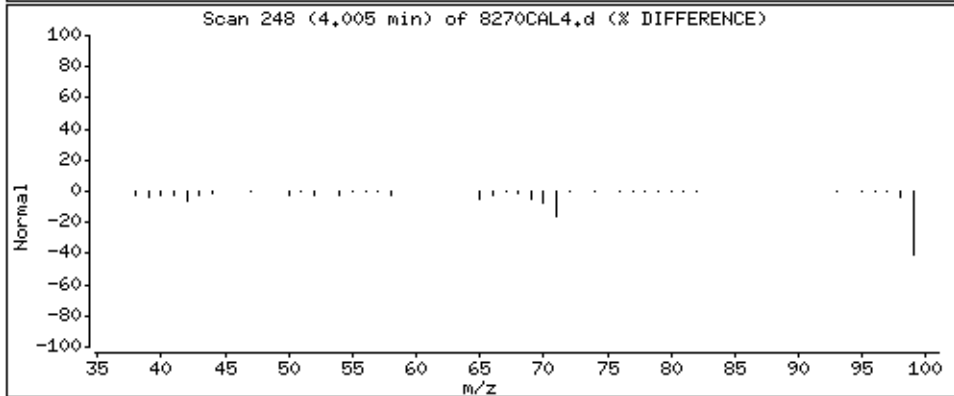
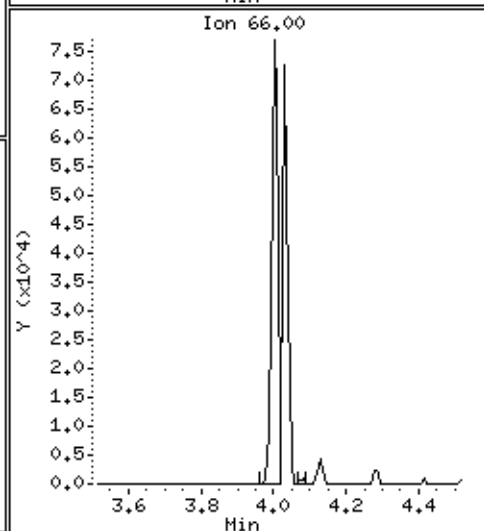
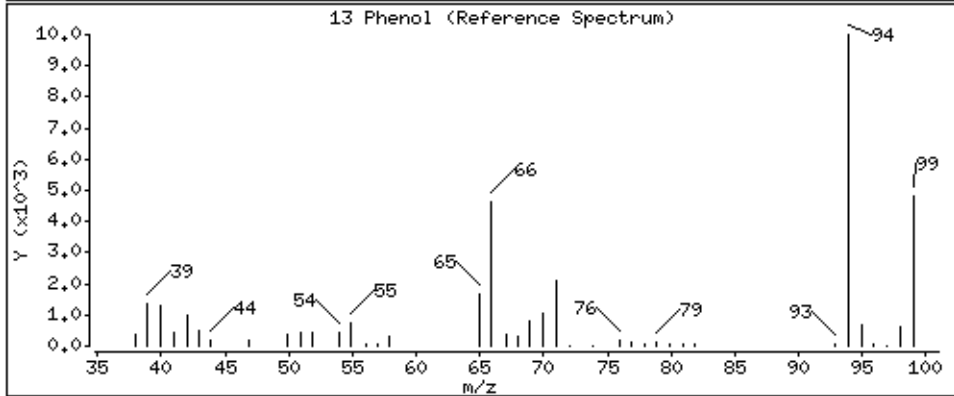
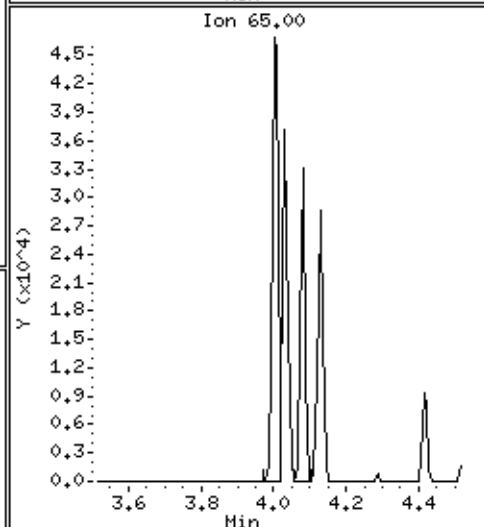
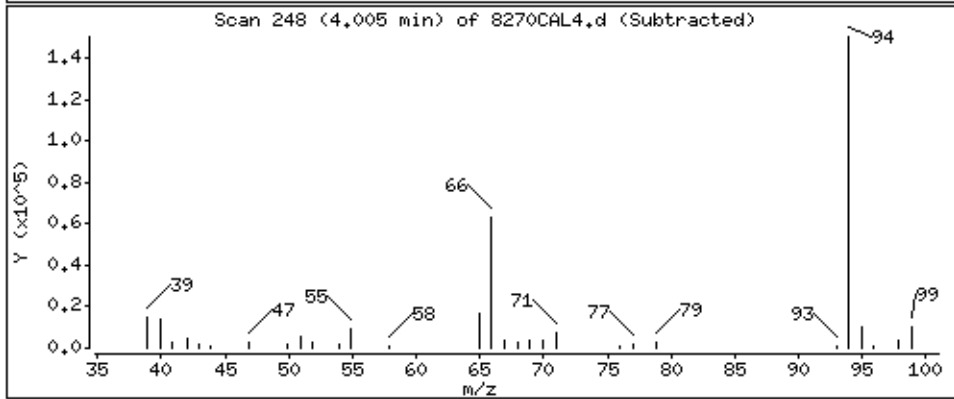
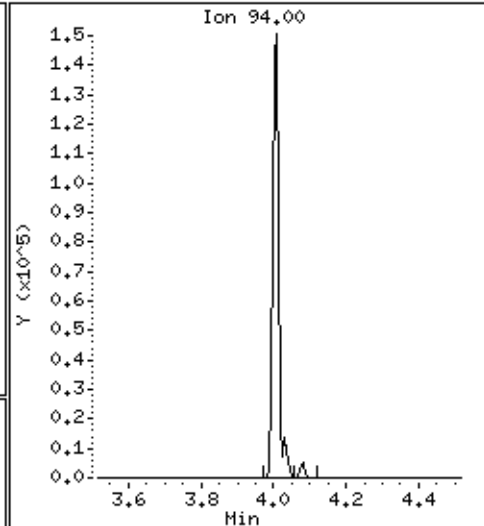
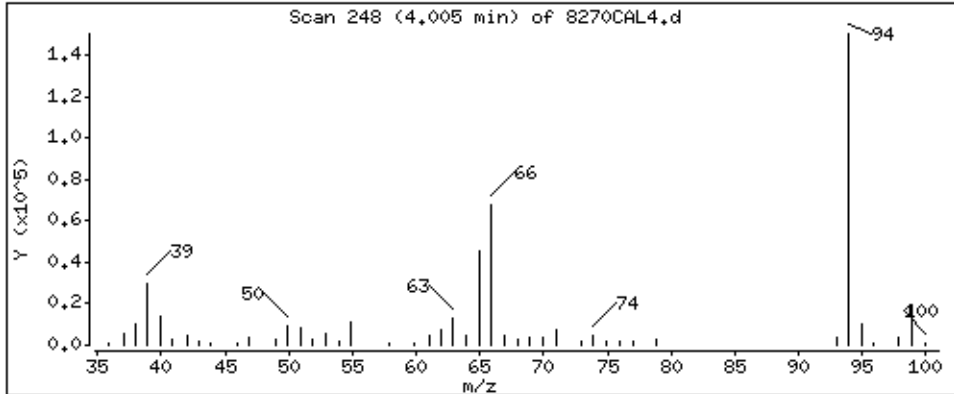
Operator: MJ

Column phase: HPHS-5

Column diameter: 0.25

13 Phenol

Concentration: 44.7 ug/l





Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

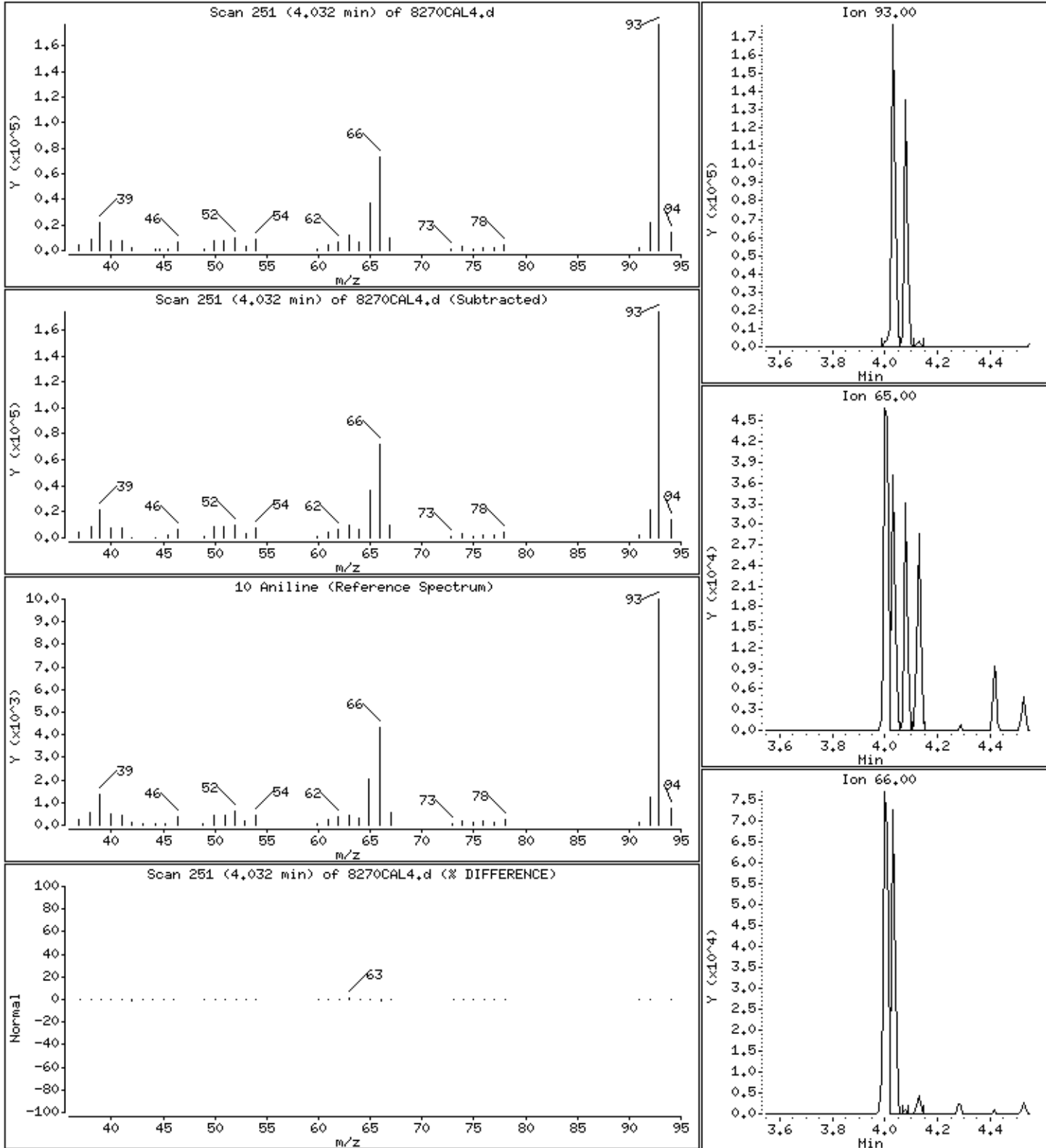
Operator: MJ

Column phase: HPHS-5

Column diameter: 0.25

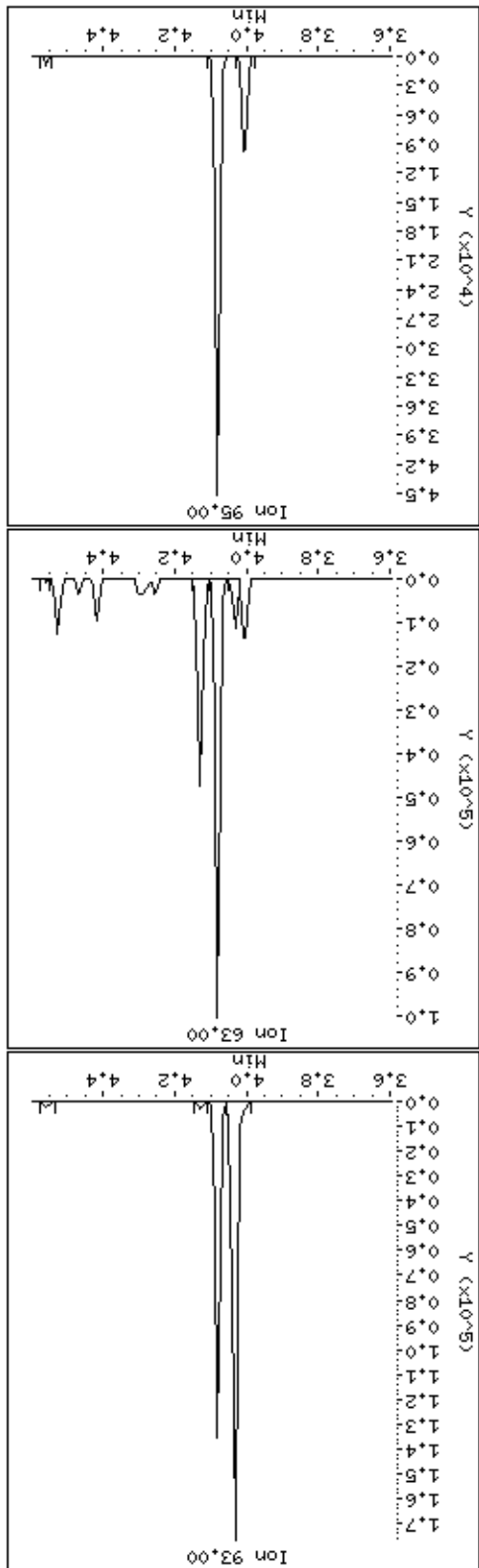
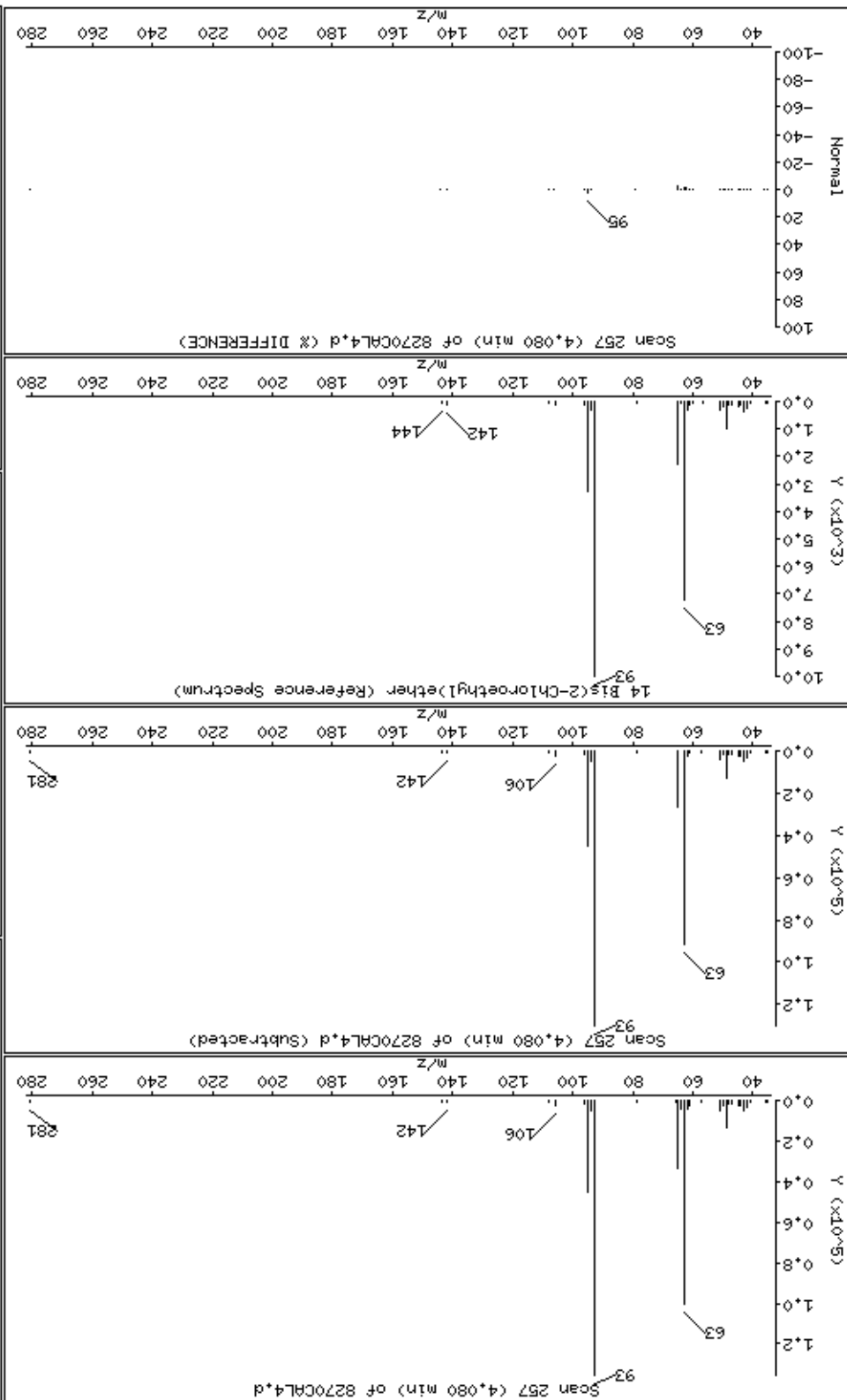
10 Aniline

Concentration: 44.0 ug/l



Date: 20-NOV-2012 16:30  
Client ID: 8270CRL4  
Sample Info: 47766  
Purge Volume: 1000.0  
Column phase: HPMS-5

Instrument: smsd04.1  
Operator: MJ  
Column diameter: 0.25  
Concentration: 44.2 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

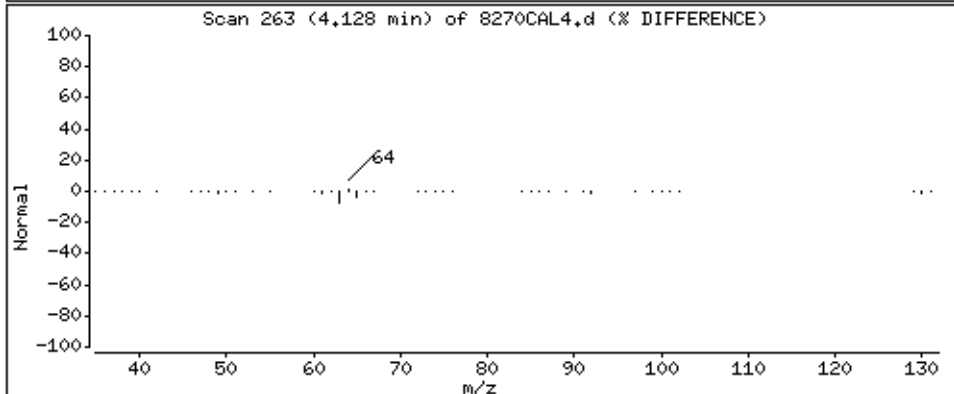
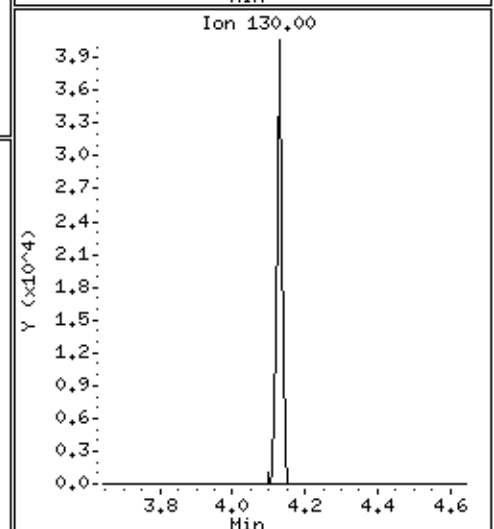
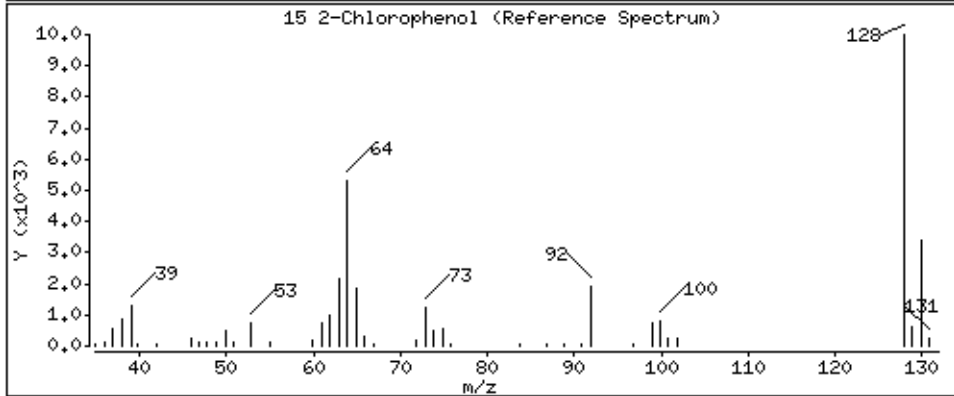
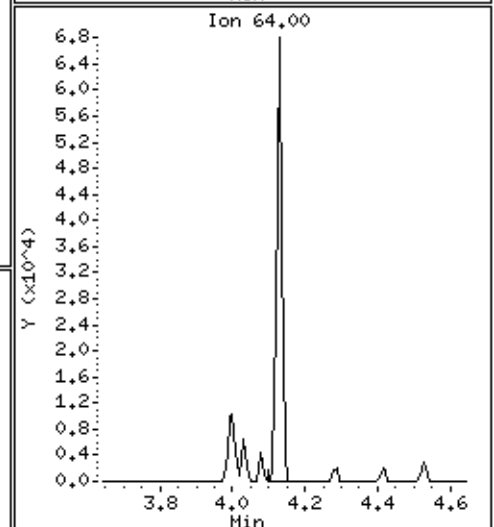
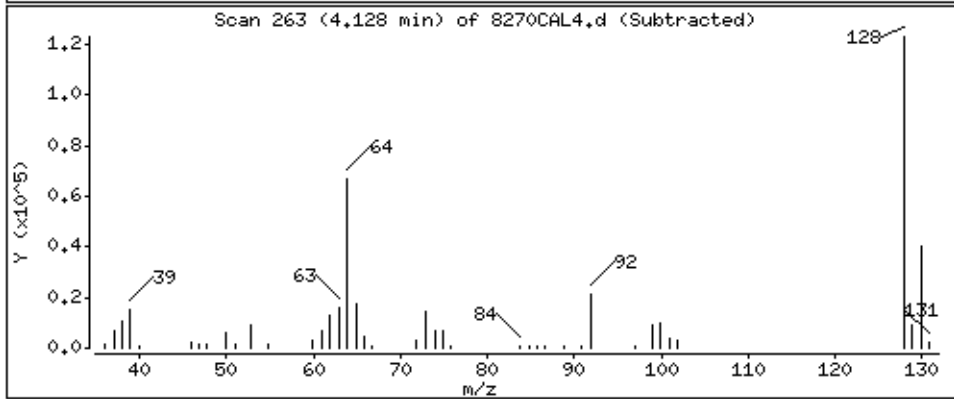
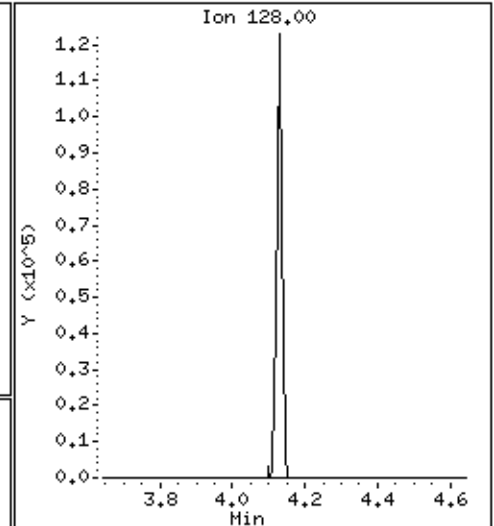
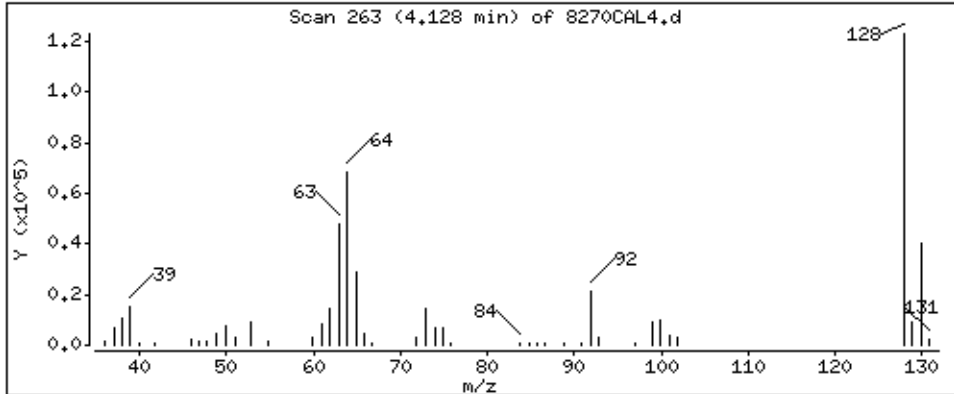
Operator: MJ

Column phase: HPHS-5

Column diameter: 0.25

15 2-Chlorophenol

Concentration: 44.2 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

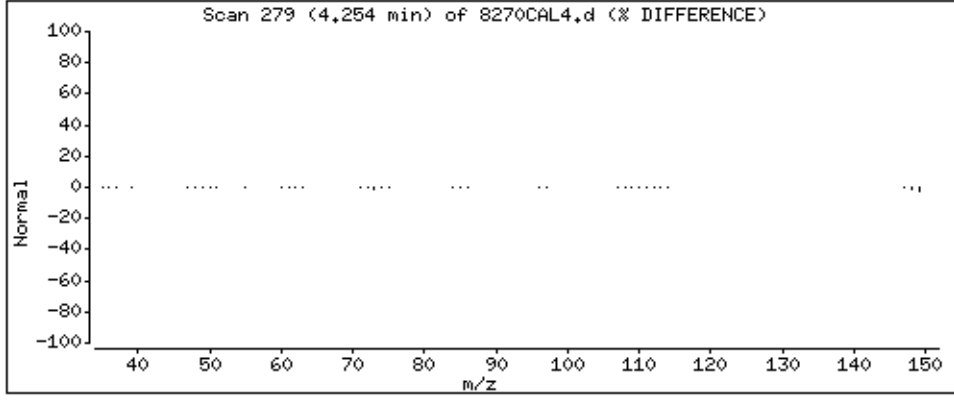
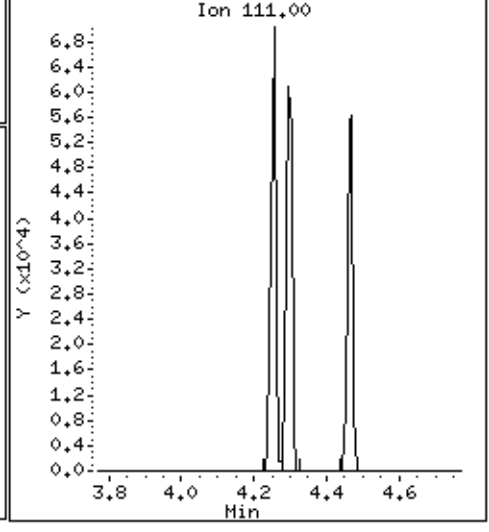
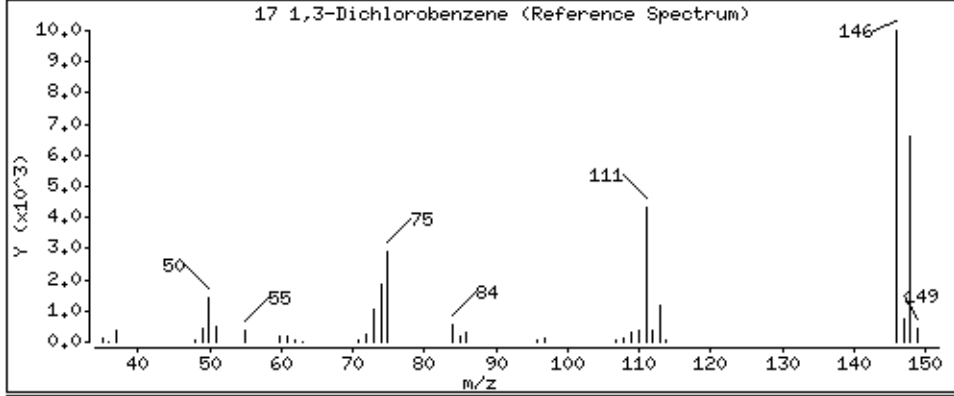
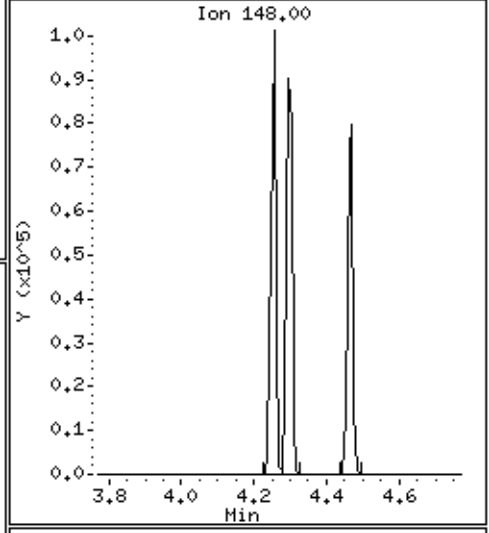
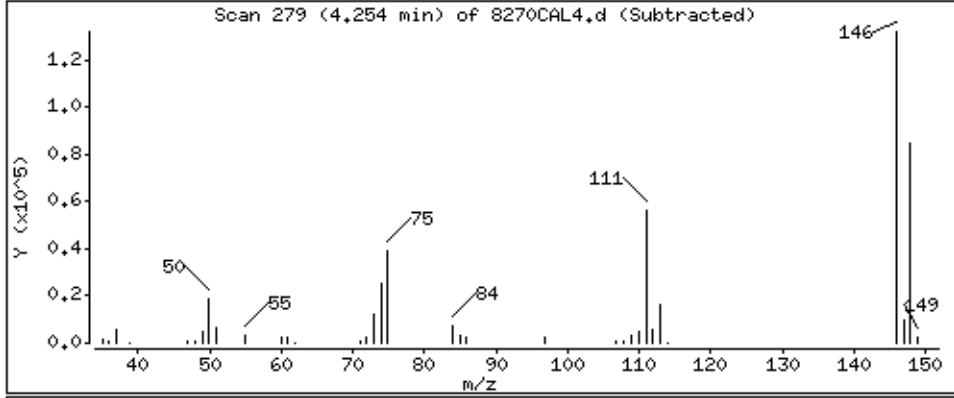
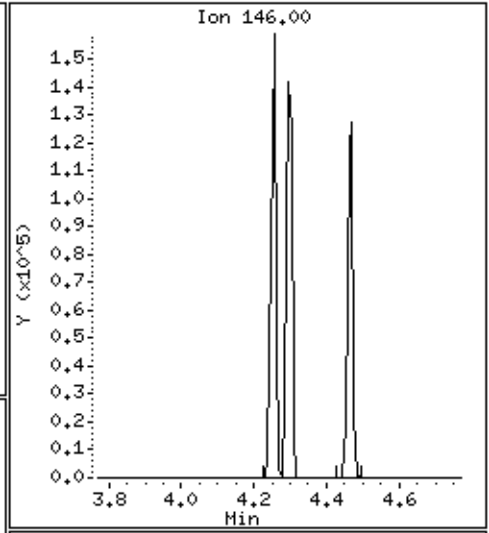
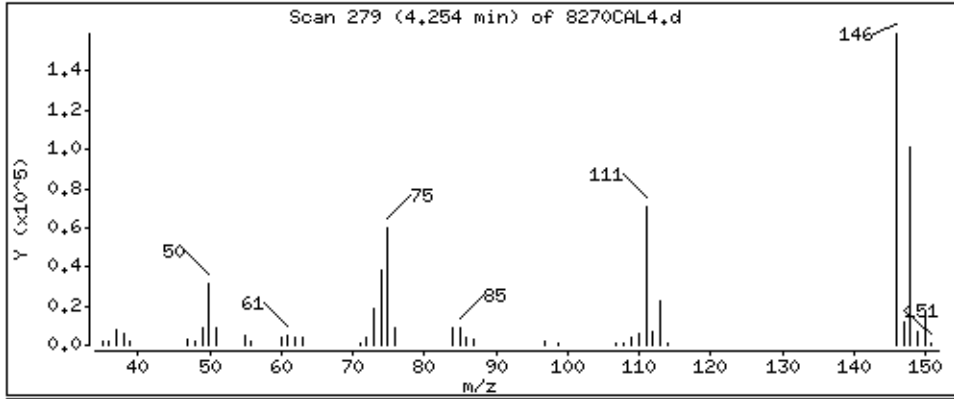
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

17 1,3-Dichlorobenzene

Concentration: 44.9 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

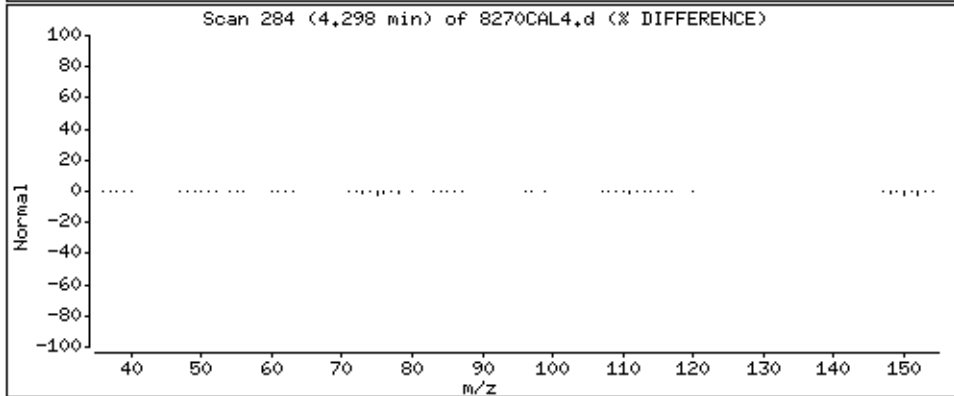
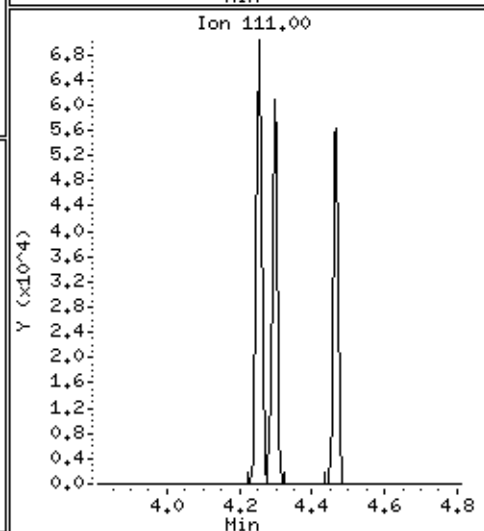
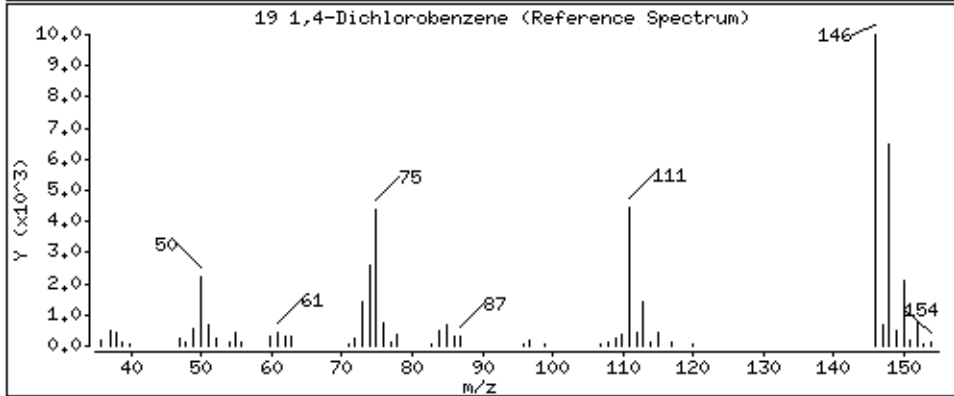
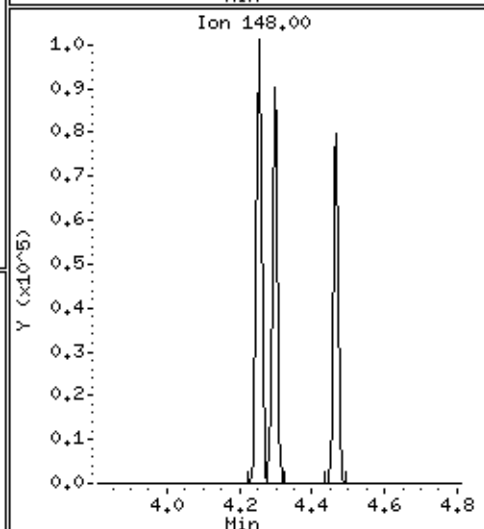
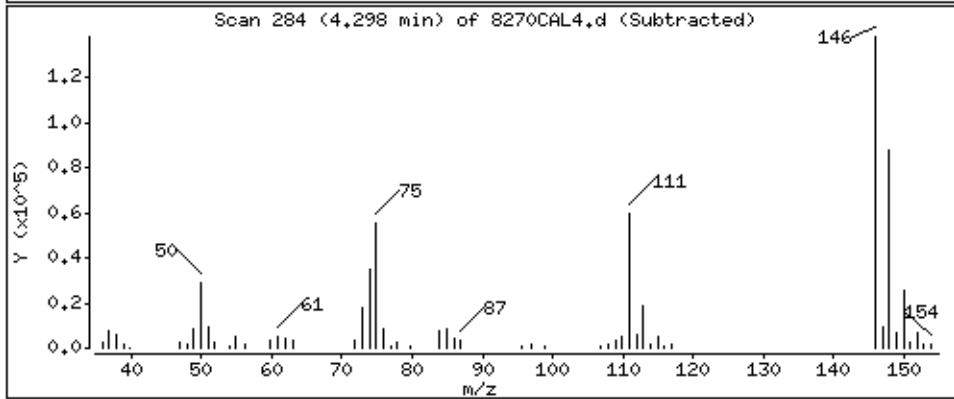
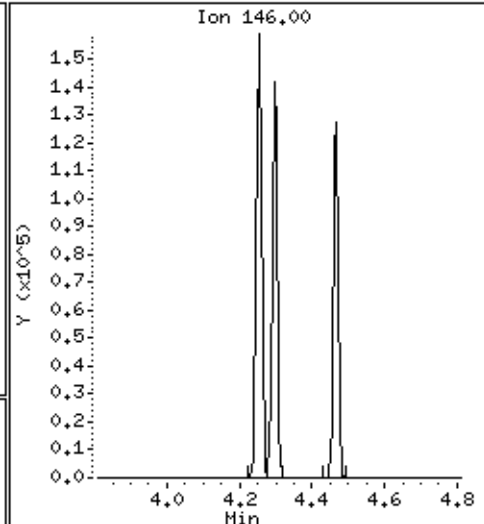
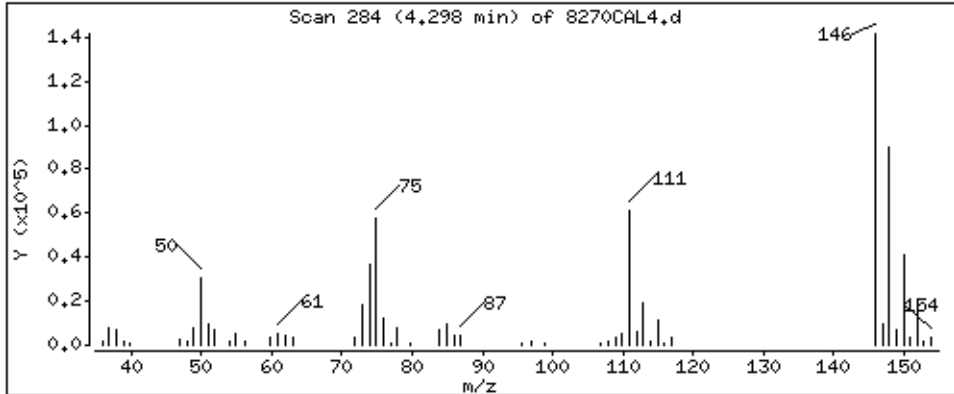
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

19 1,4-Dichlorobenzene

Concentration: 44.9 ug/l



Date: 20-NOV-2012 16:30

Client ID: 8270CAL4

Sample Info: 4766

Purge Volume: 1000.0

Operator: MJ

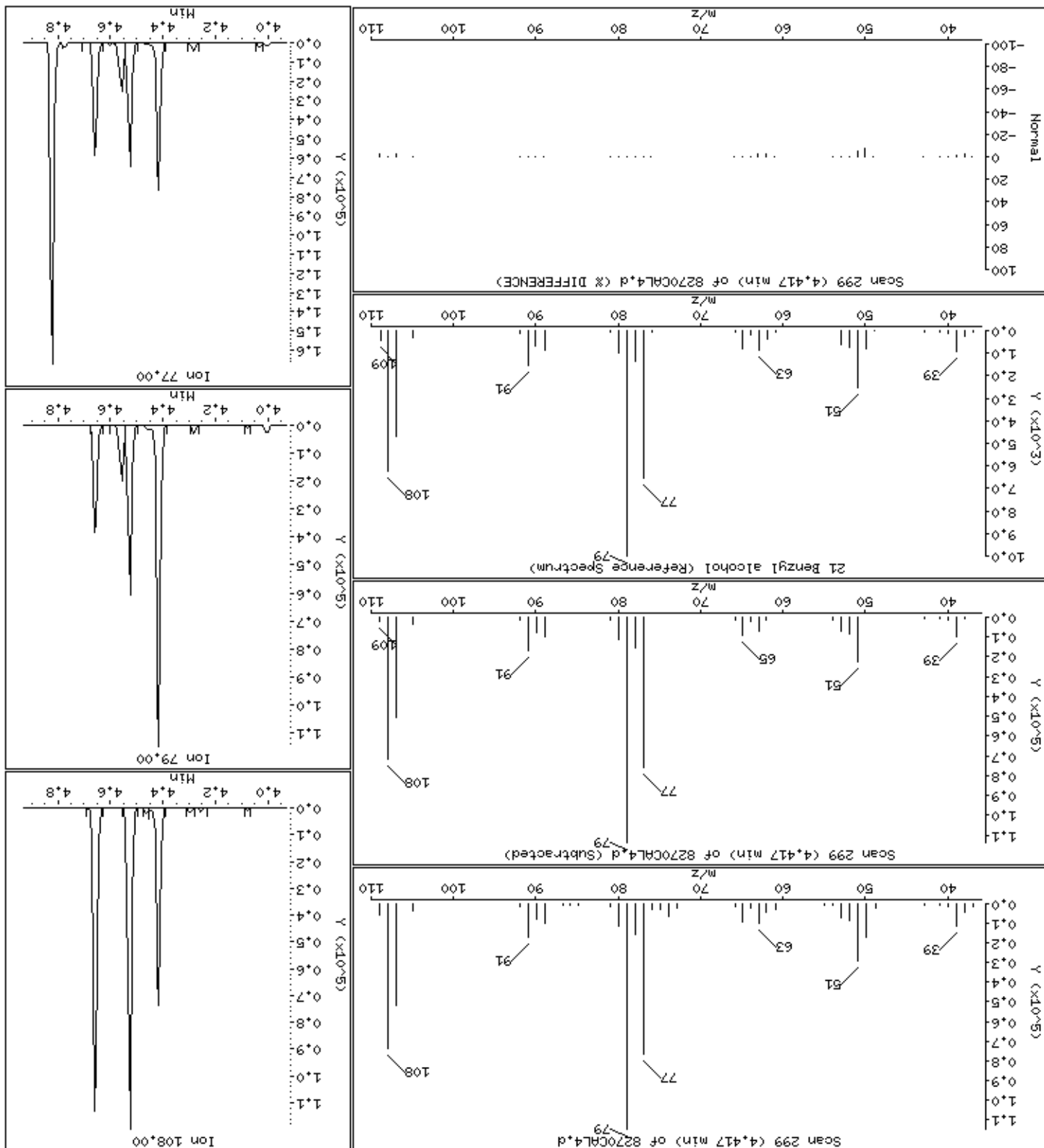
Column phase: HPMS-5

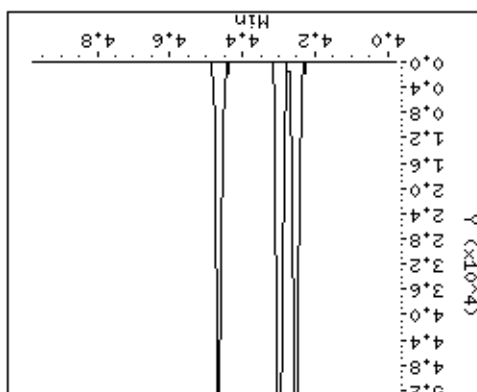
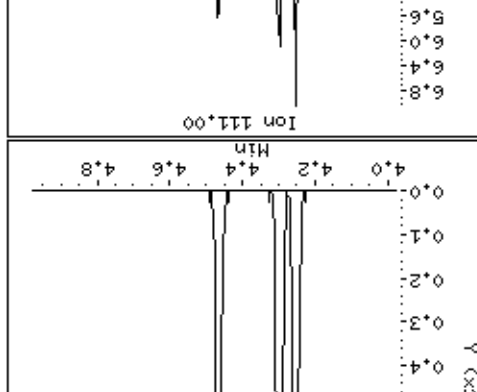
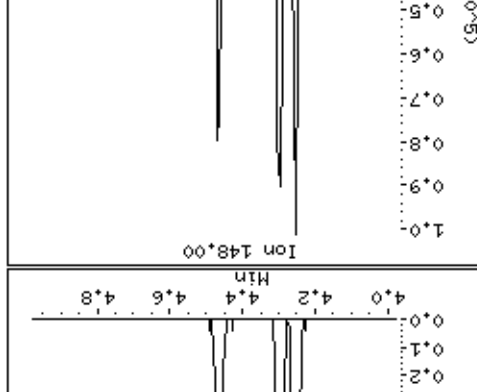
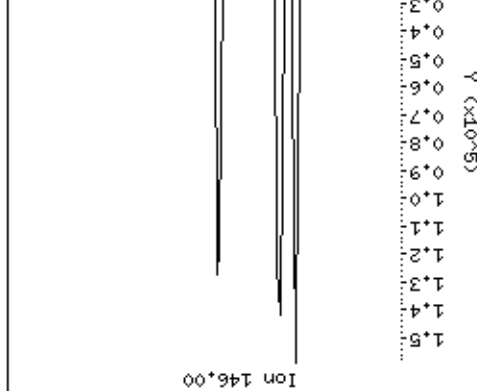
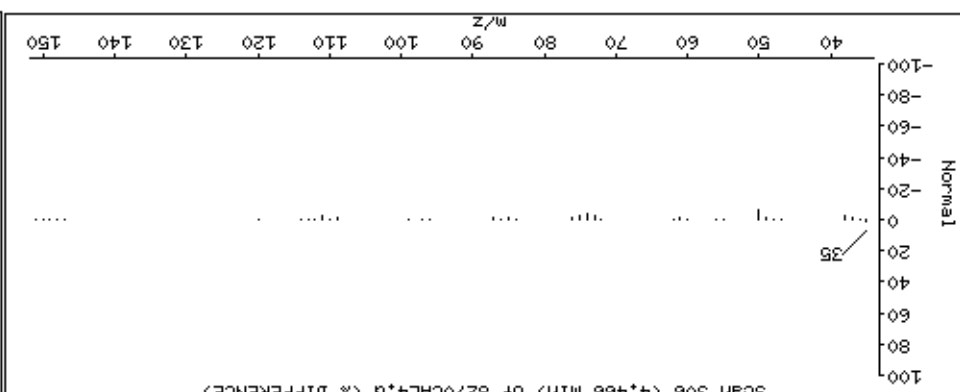
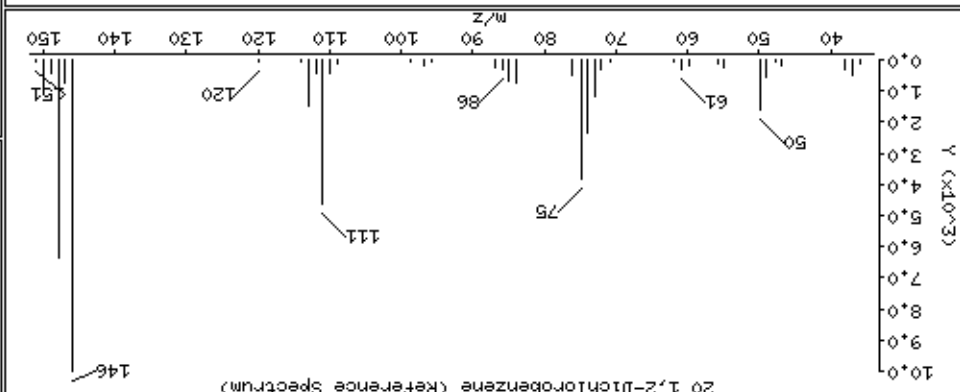
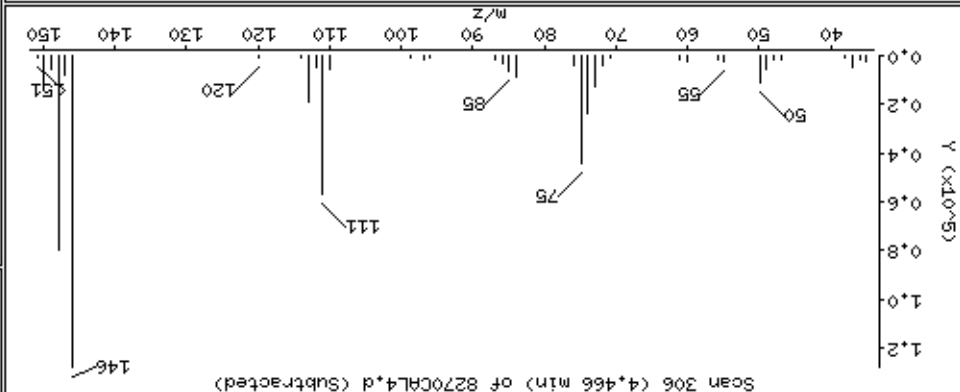
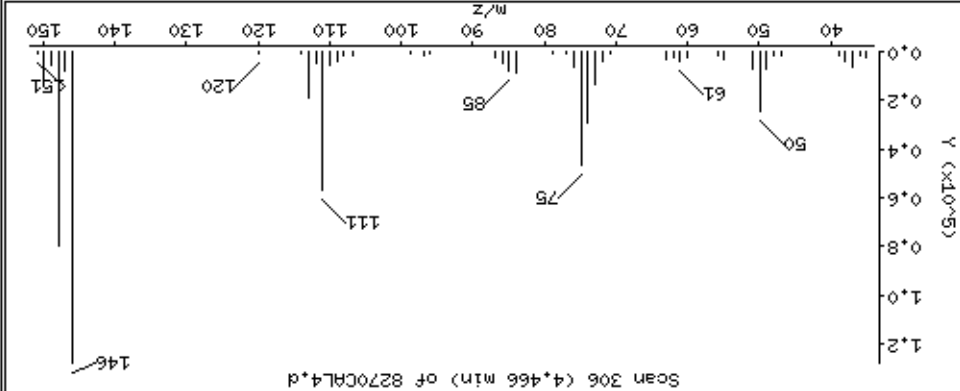
Column diameter: 0.25

Instrument: smsd04.1

21 Benzyl alcohol

Concentration: 44.7 ug/l





Date: 20-NOV-2012 16:30

Client ID: 8270CAL4

Sample Info: 47766

Purge Volume: 1000.0

Operator: MJ

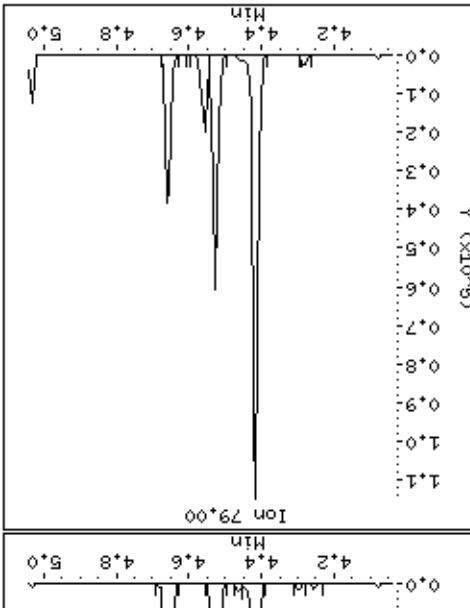
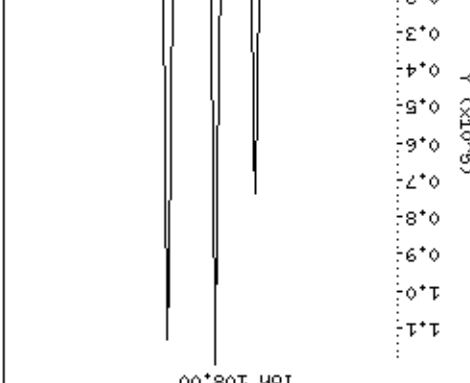
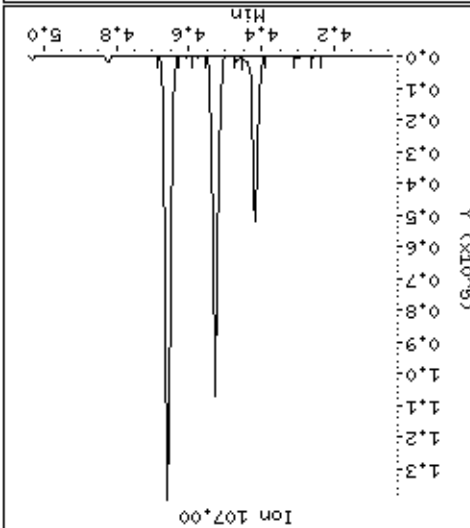
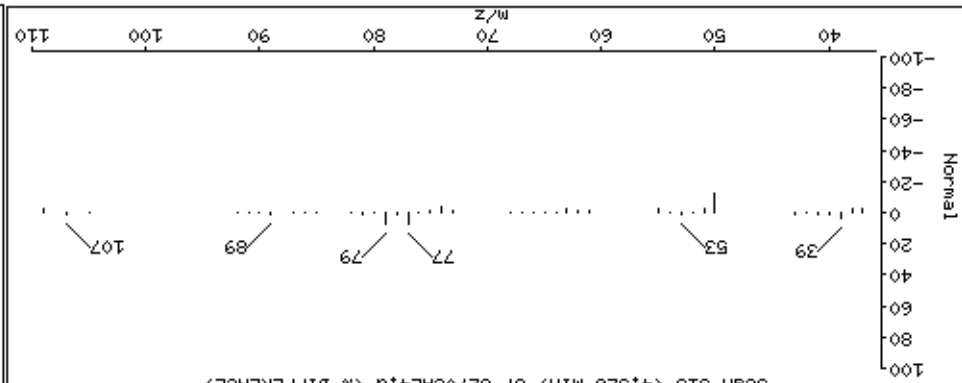
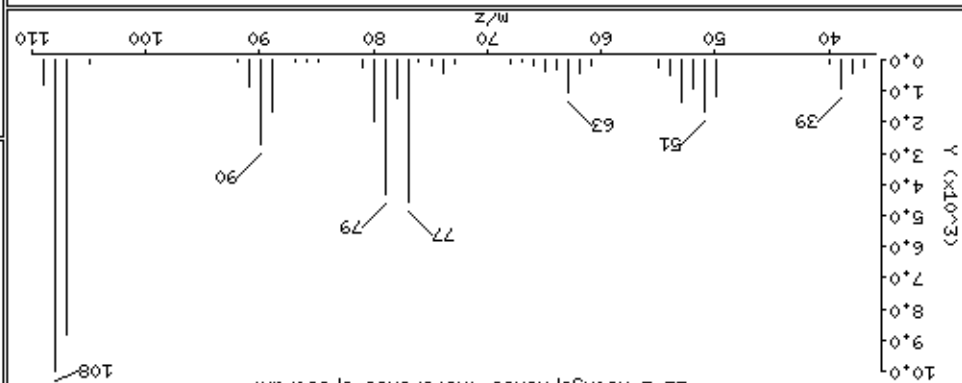
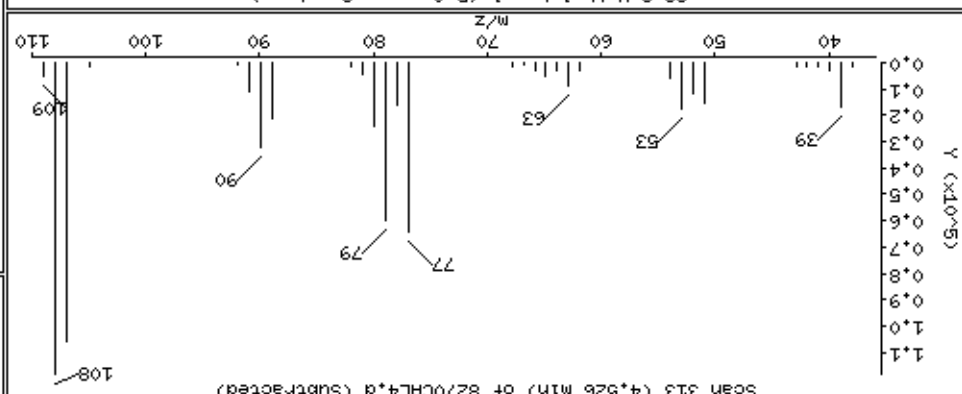
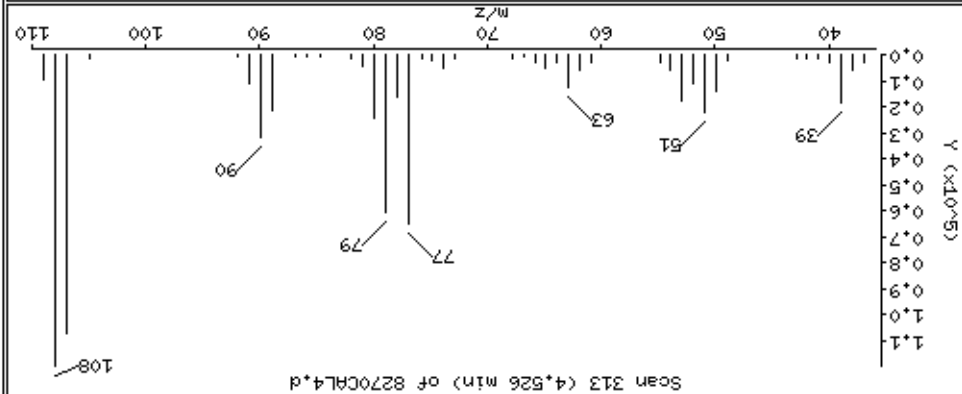
Column phase: HPMS-5

Column diameter: 0.25

Instrument: smsd04.1

22-2-Methylphenol

Concentration: 43.8 ug/l





Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

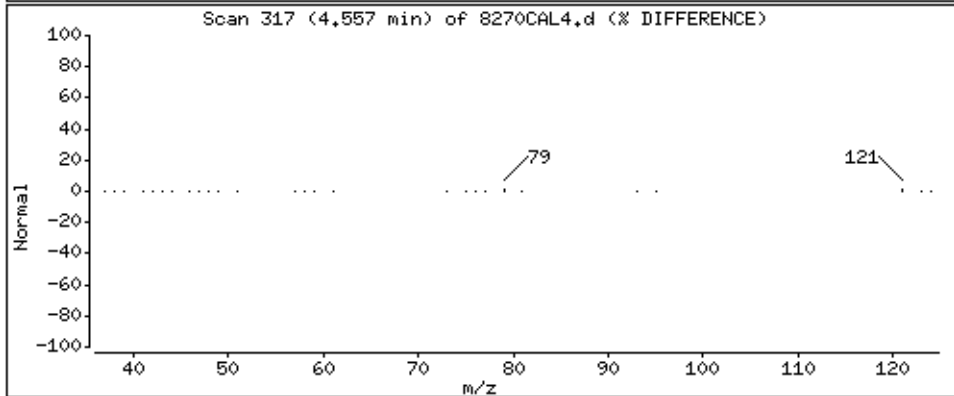
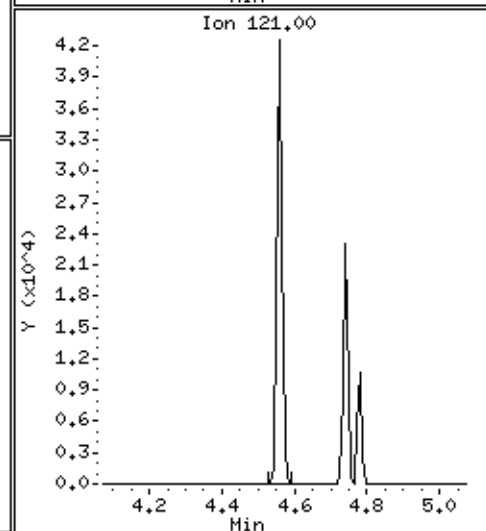
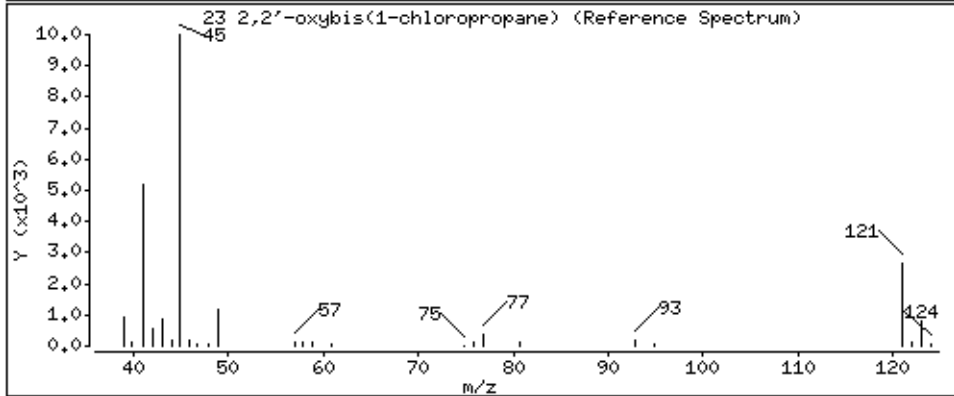
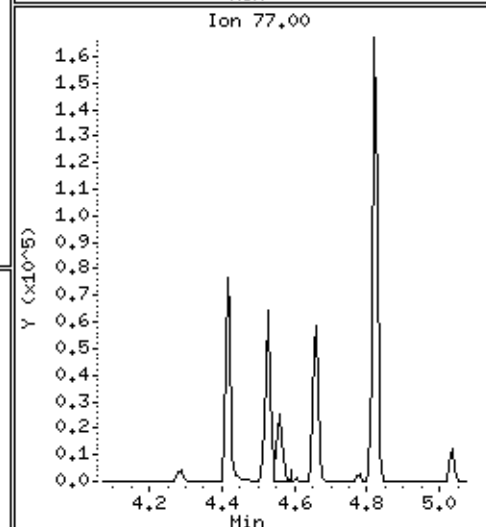
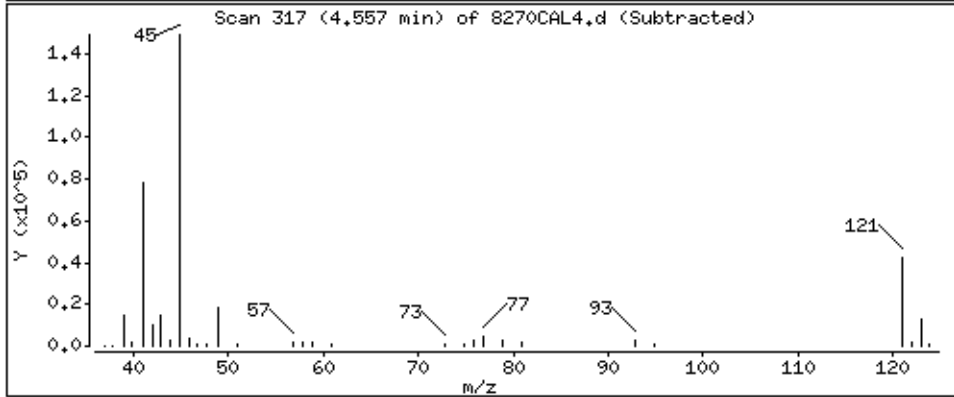
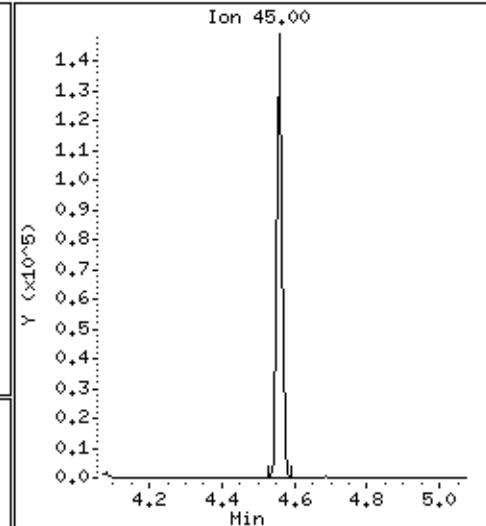
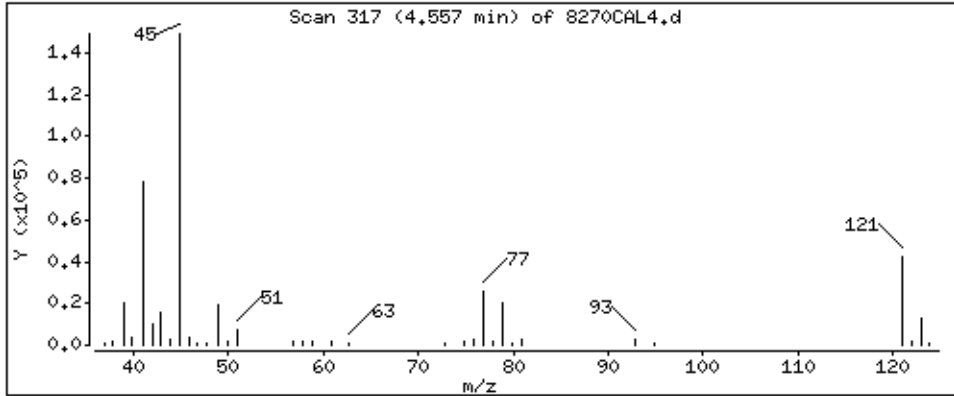
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

23 2,2'-oxybis(1-chloropropane)

Concentration: 42.6 ug/l



Date: 20-NOV-2012 16:30

Client ID: 8270CAL4

Sample Info: 4766

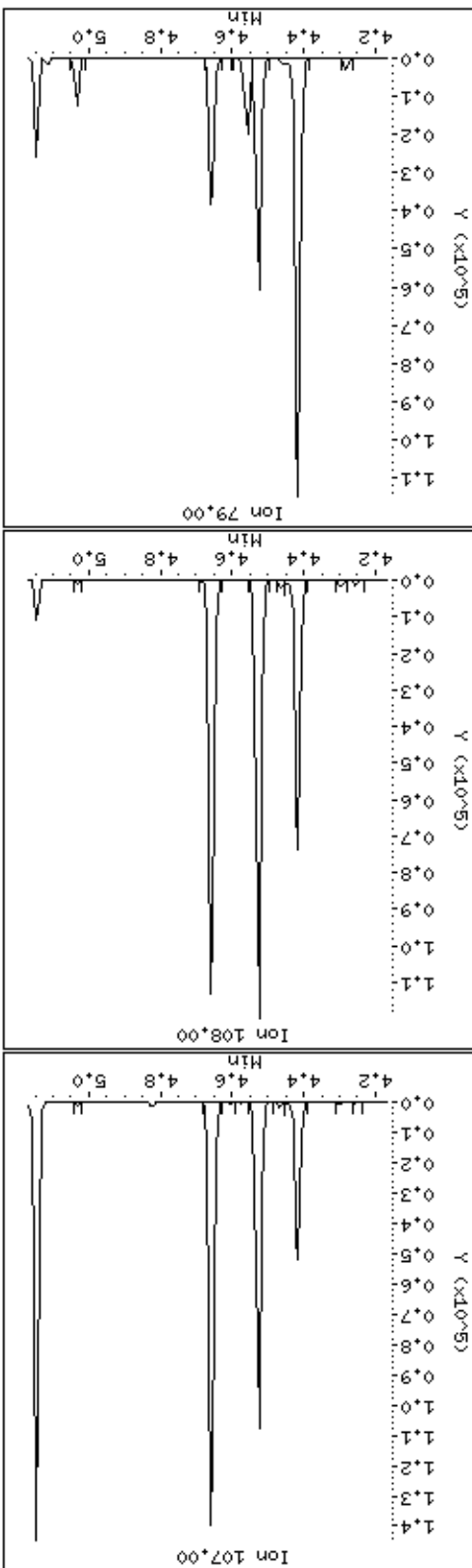
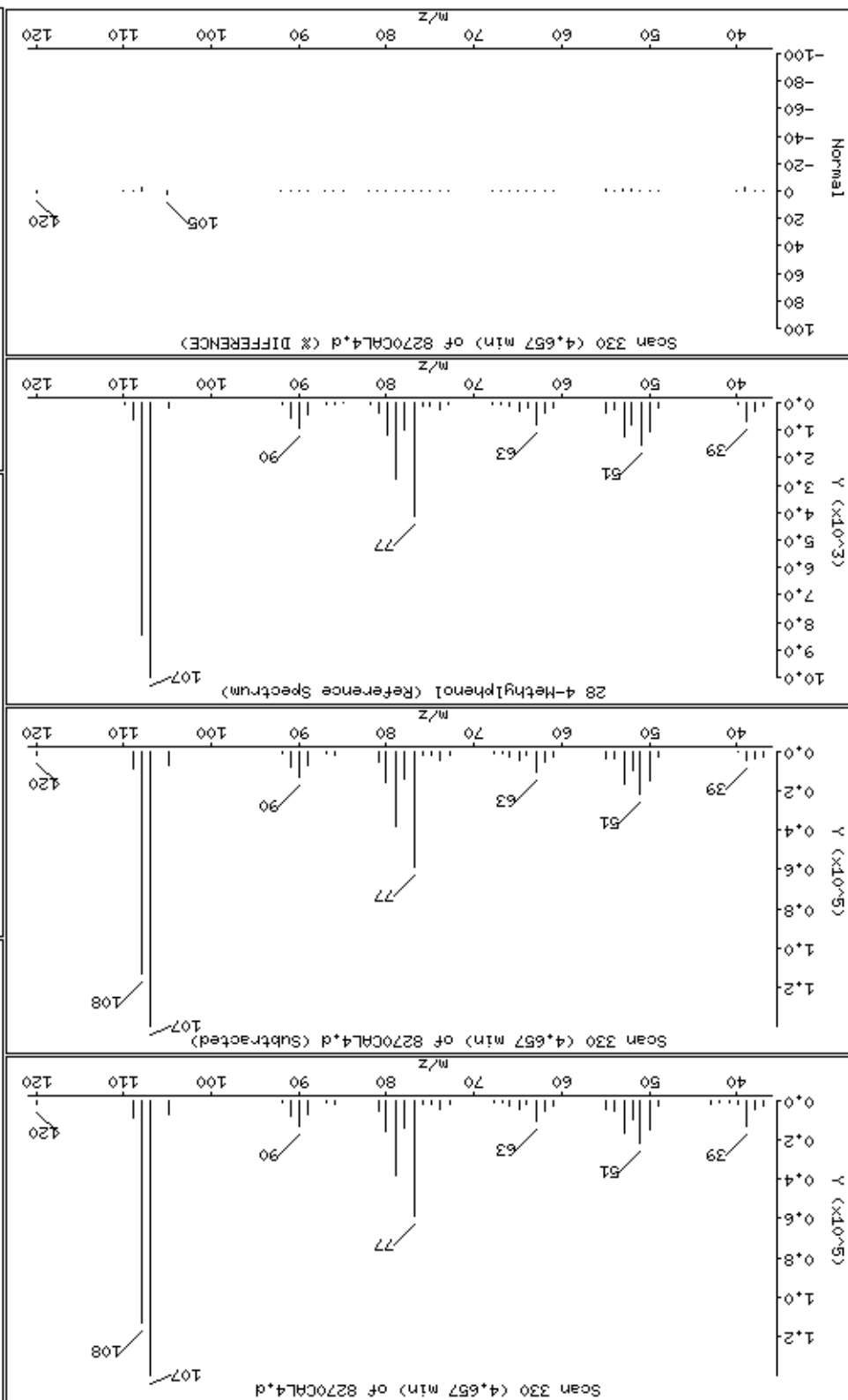
Purge Volume: 1000.0

Operator: MJ

Column phase: HPMS-5

Concentration: 42.8 ug/l

28-4-Methylphenol



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

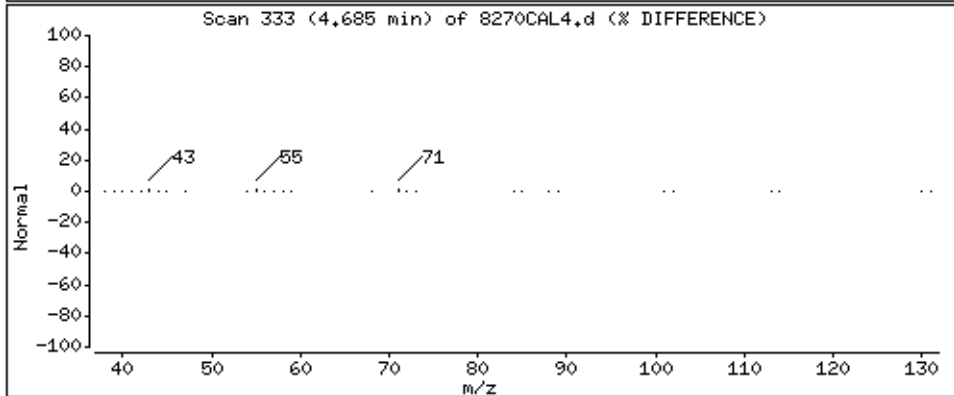
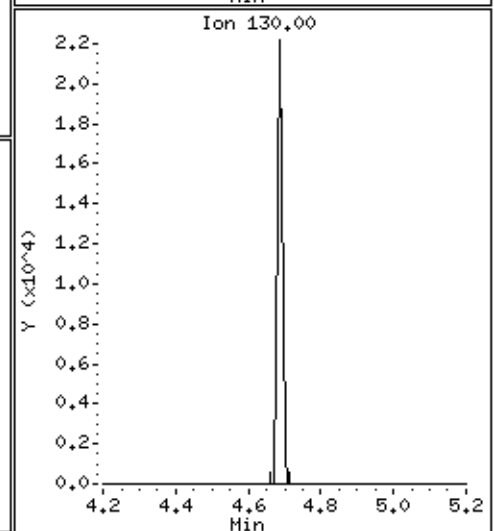
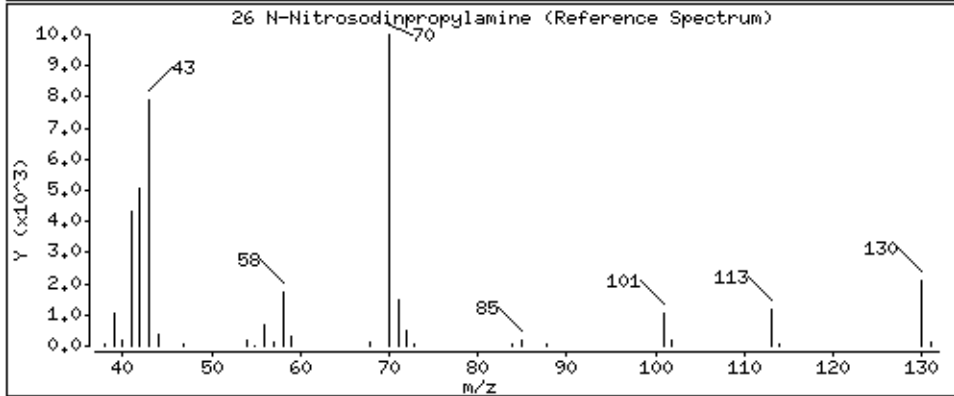
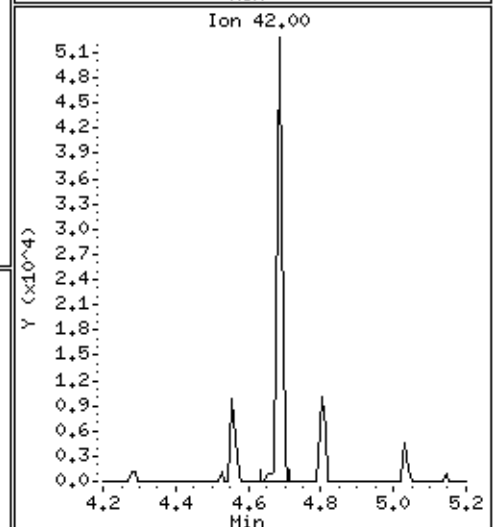
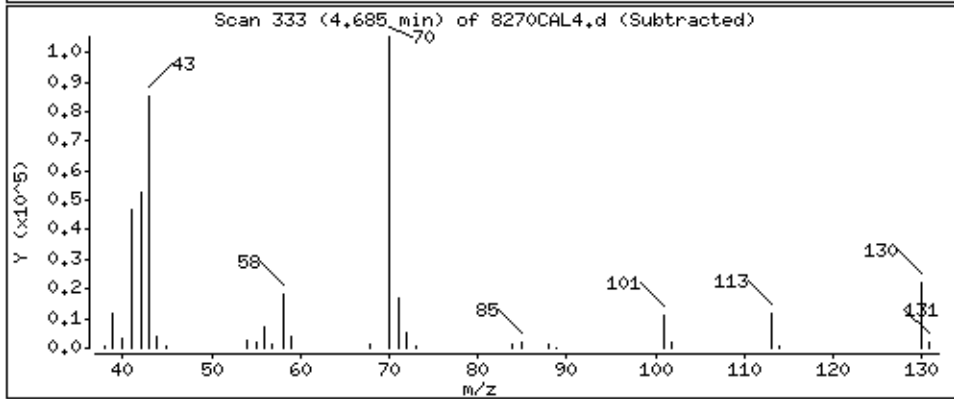
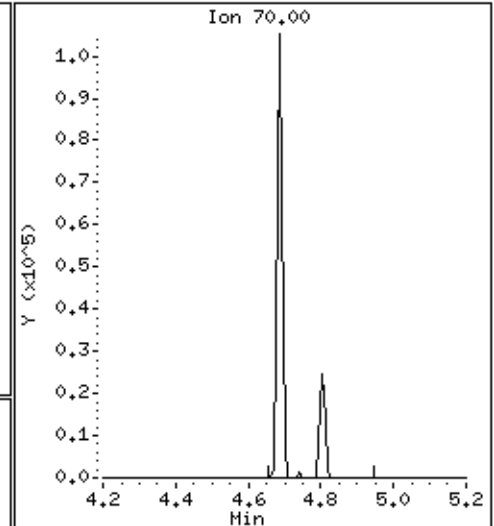
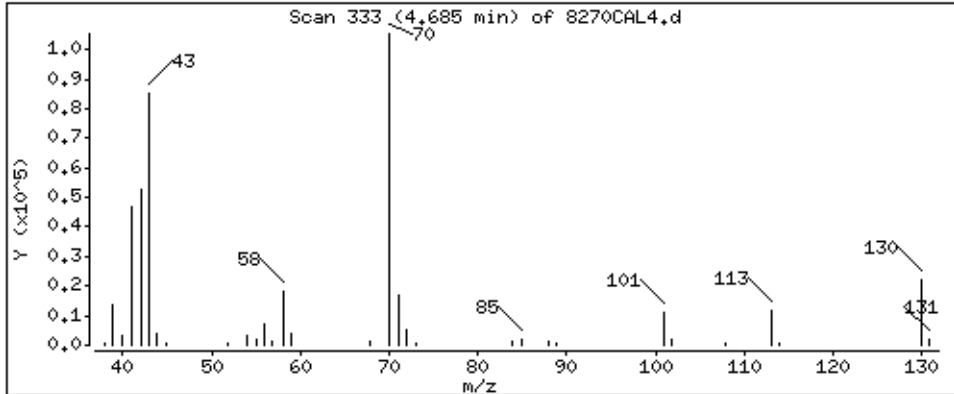
Operator: MJ

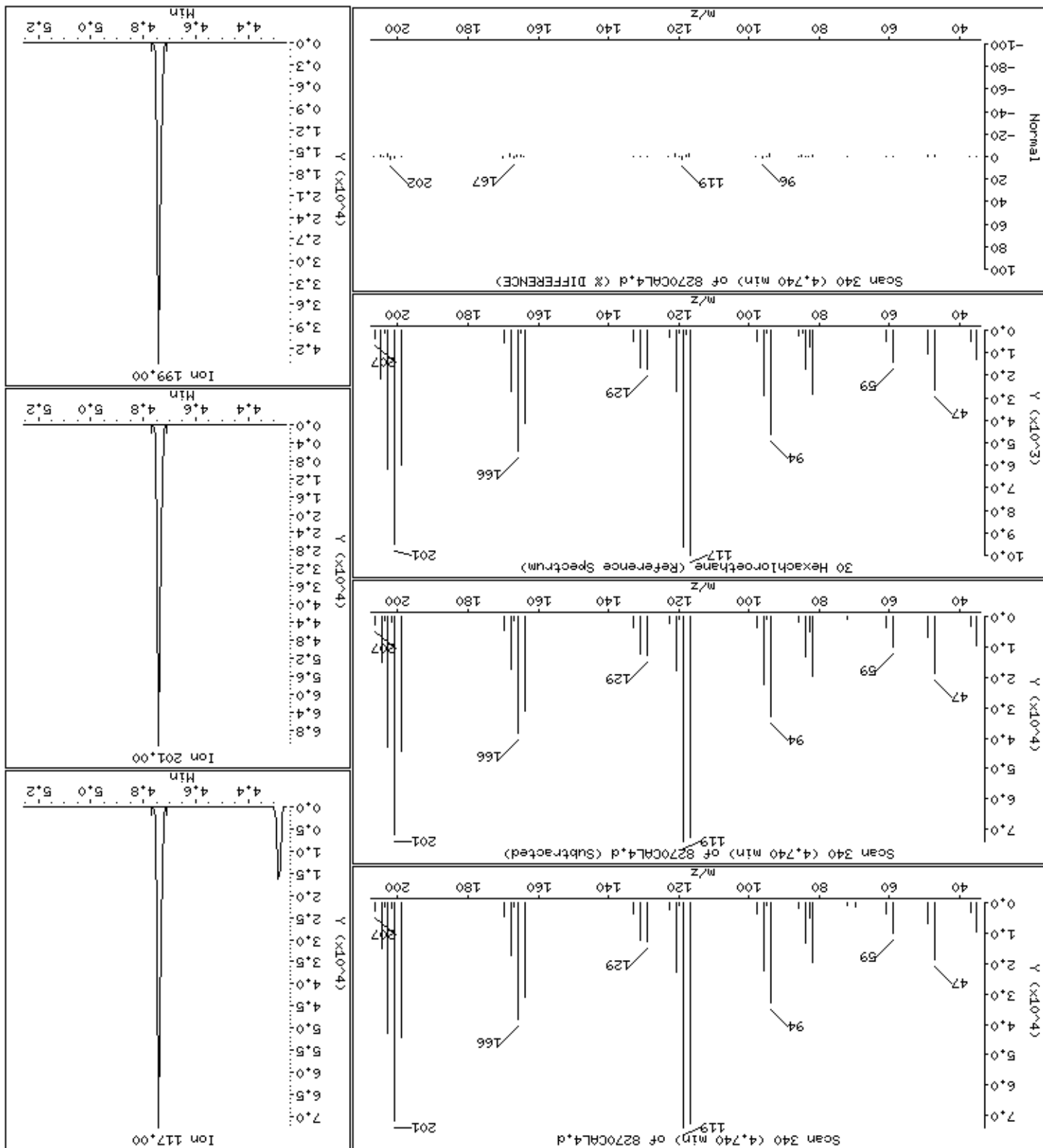
Column phase: HPHS-5

Column diameter: 0.25

26 N-Nitrosodipropylamine

Concentration: 44.3 ug/l





Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

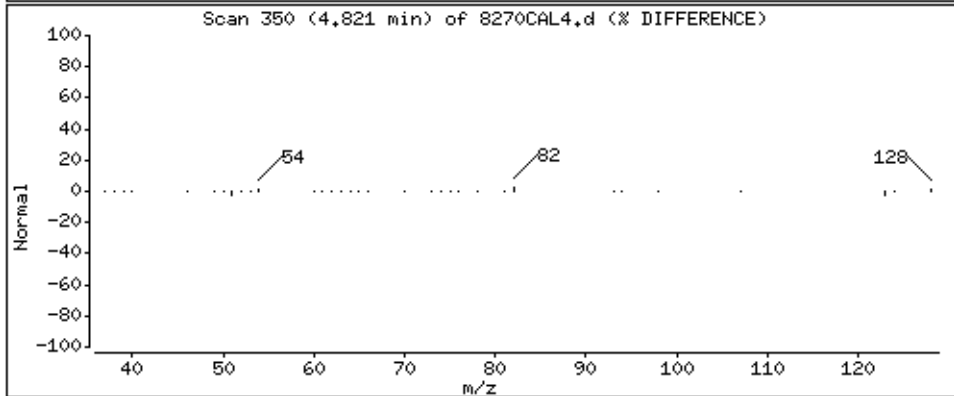
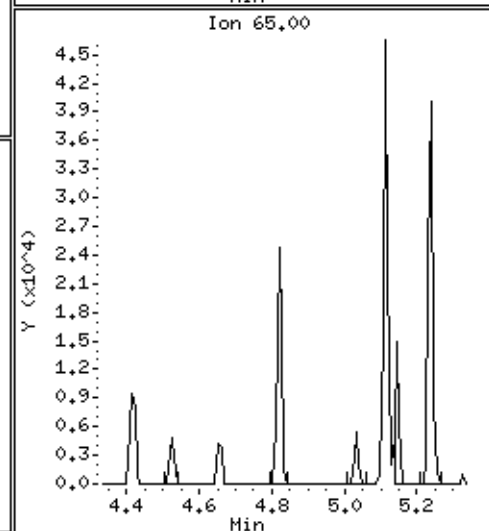
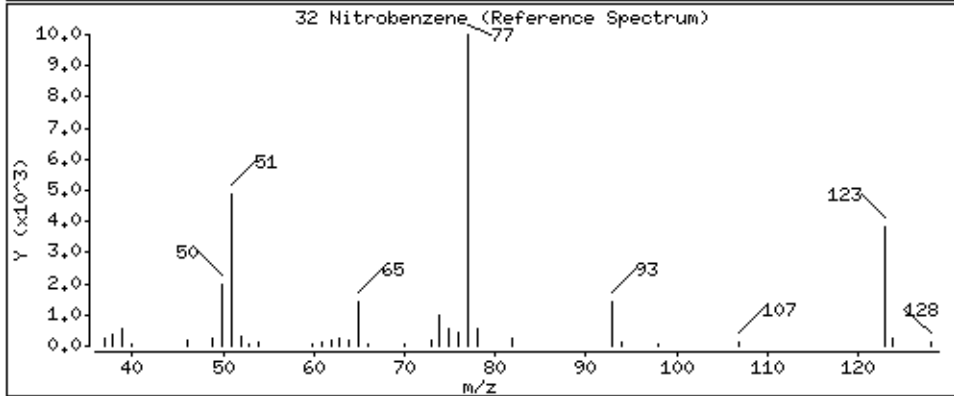
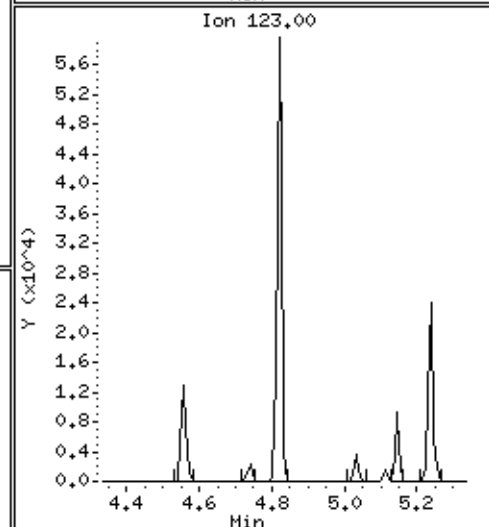
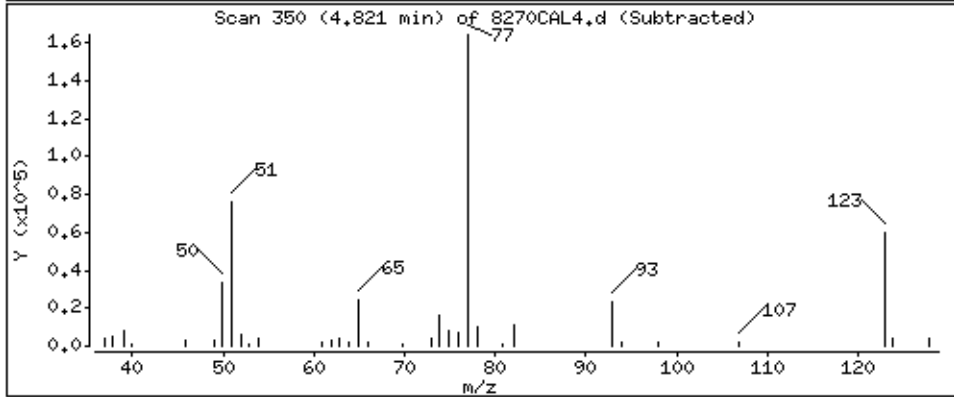
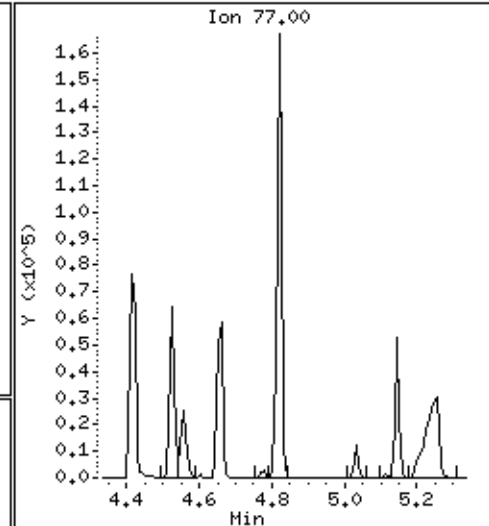
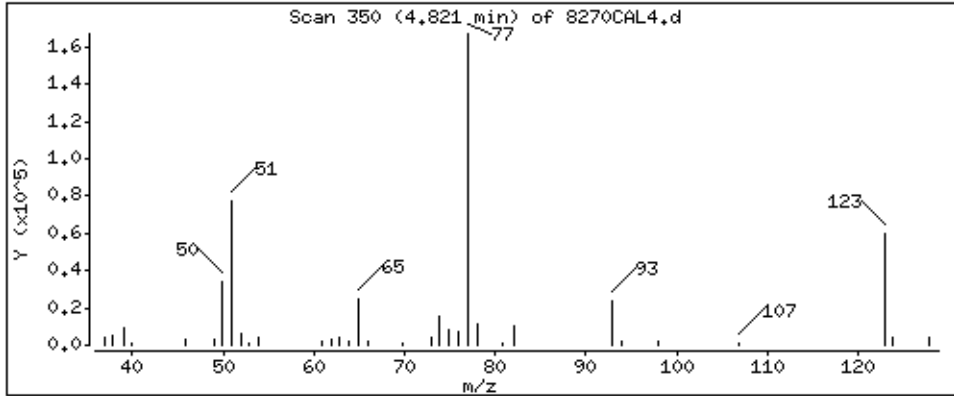
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

32 Nitrobenzene

Concentration: 44.2 ug/l



Date: 20-NOV-2012 16:30

Client ID: 8270CAL4

Sample Info: 47766

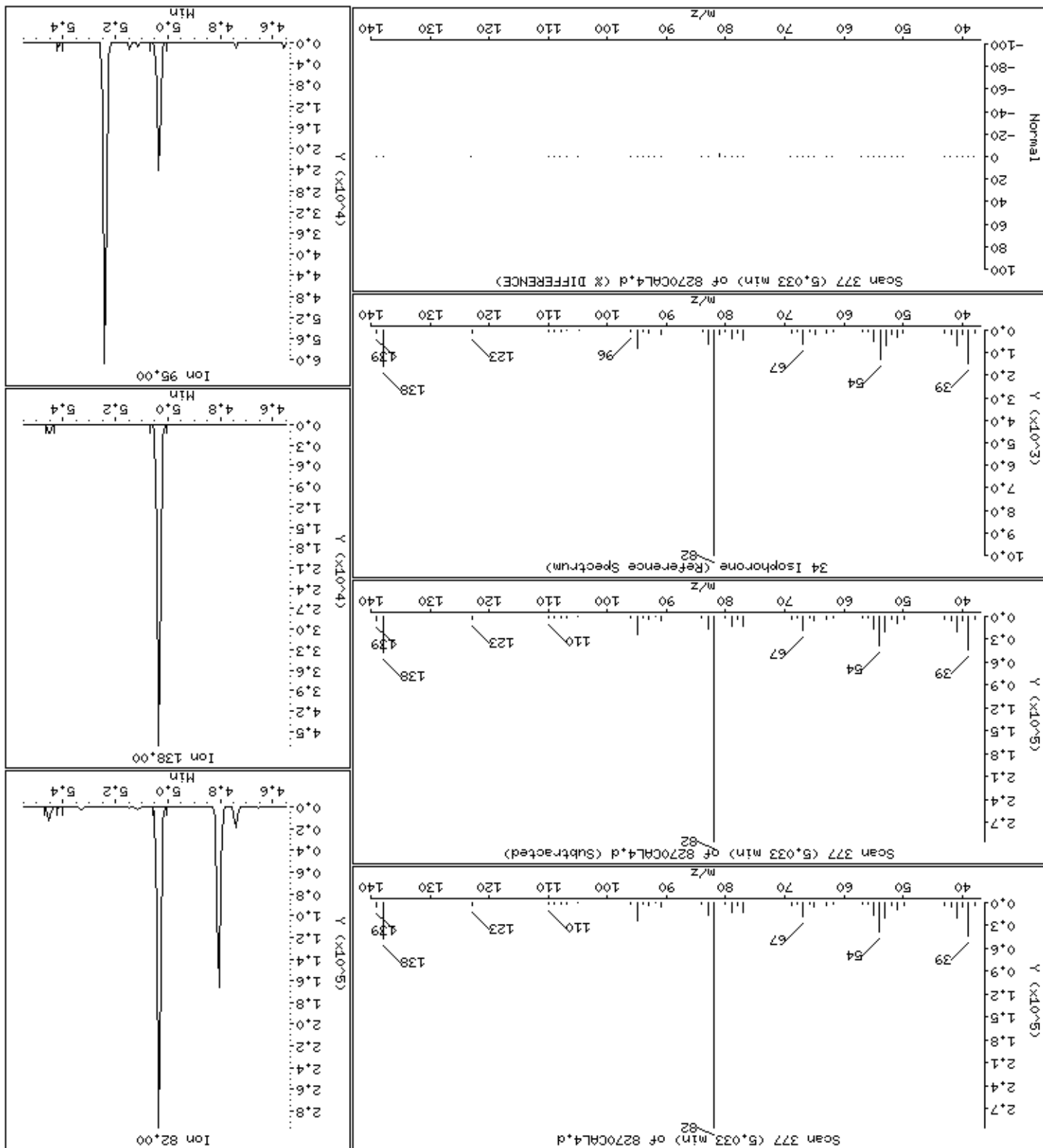
Purge Volume: 1000.0

Operator: MJ

Column diameter: 0.25

Concentration: 45.0 ug/l

Instrument: smsd04.1



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

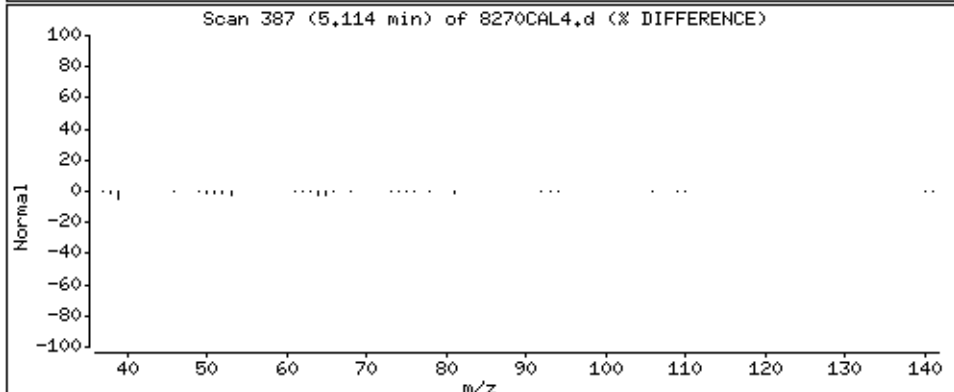
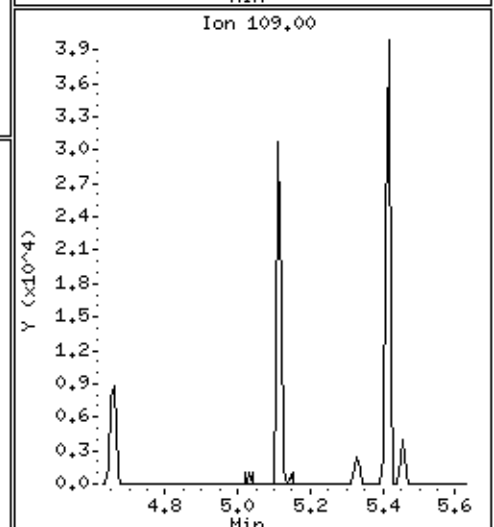
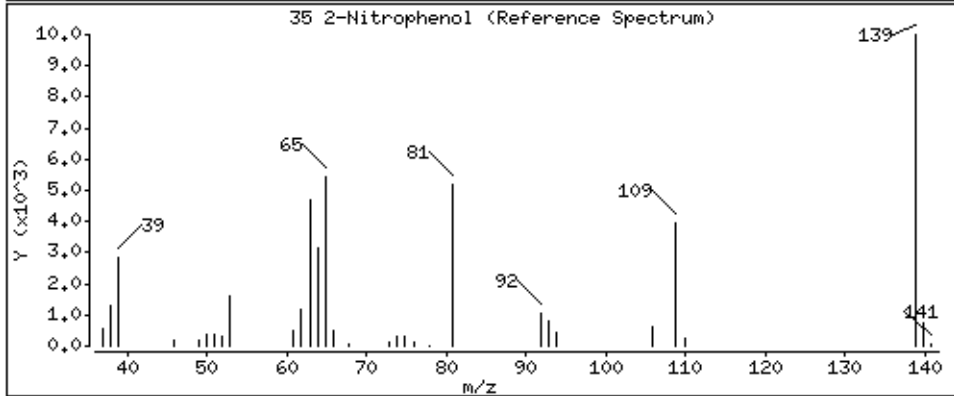
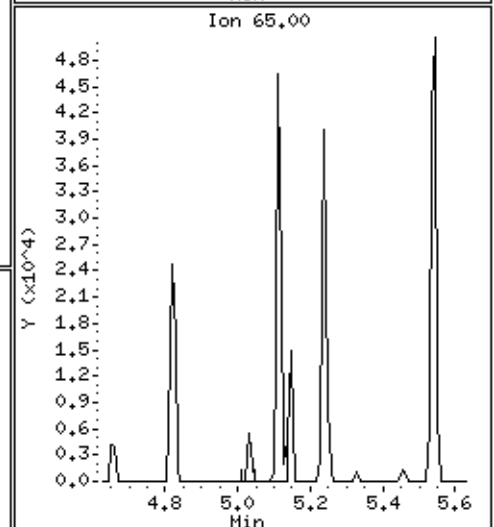
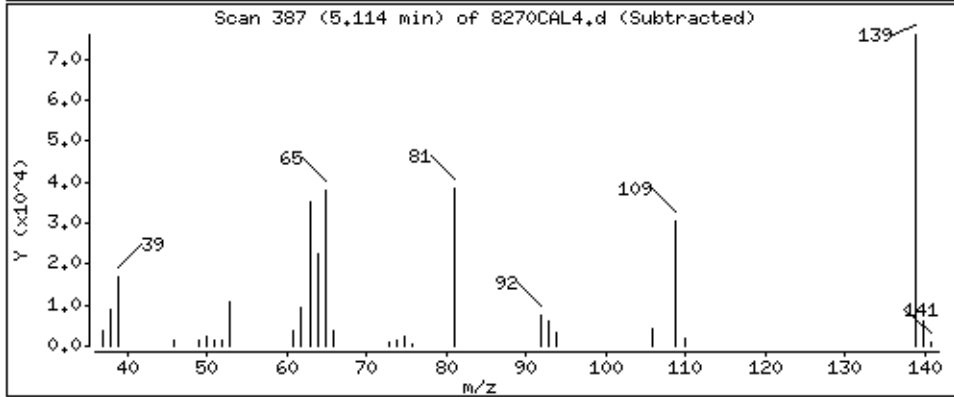
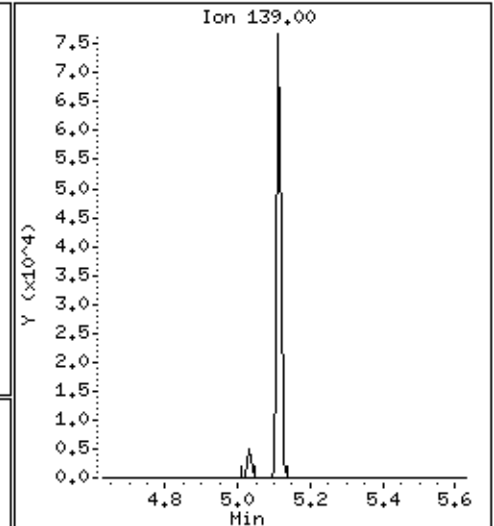
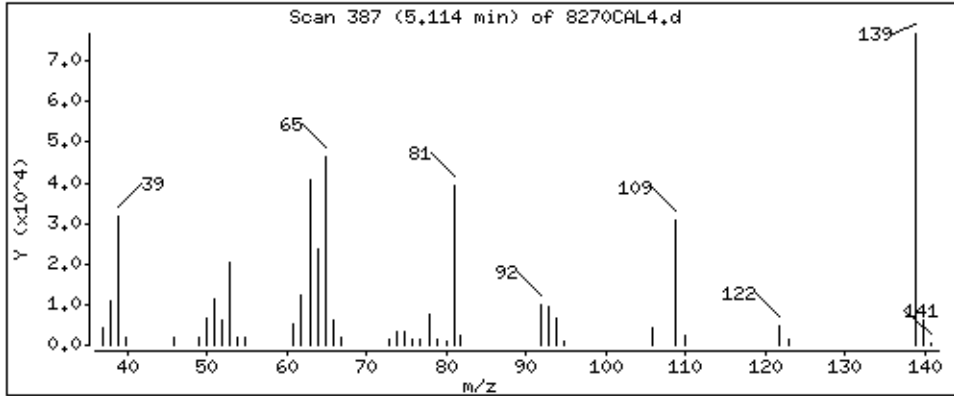
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

35 2-Nitrophenol

Concentration: 47,2 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

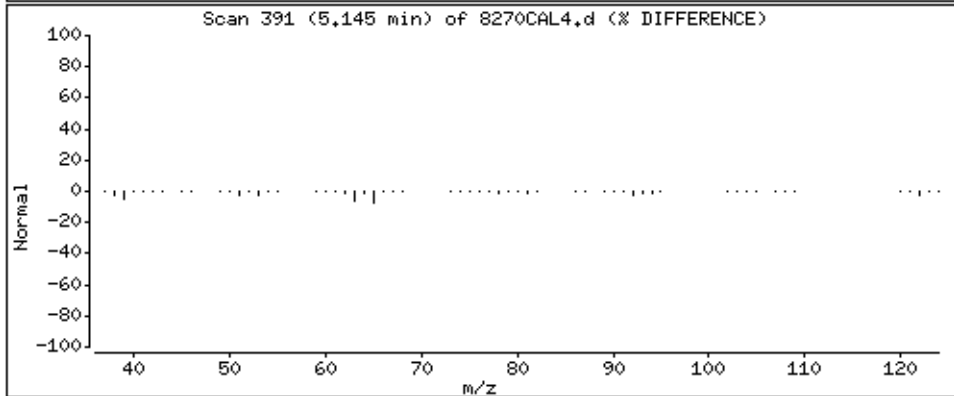
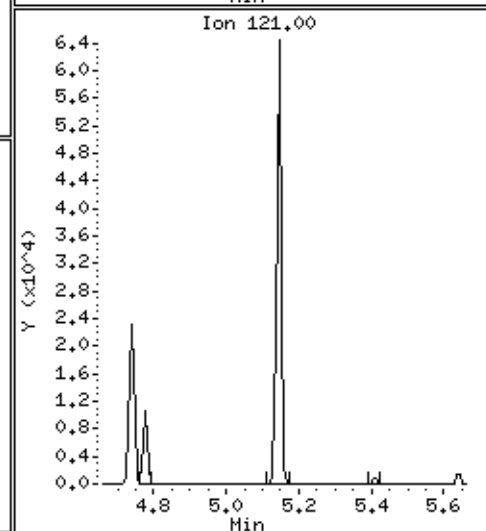
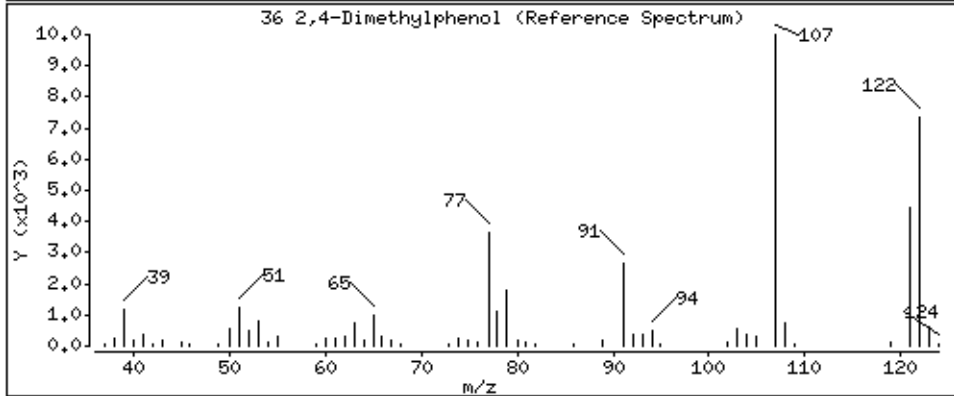
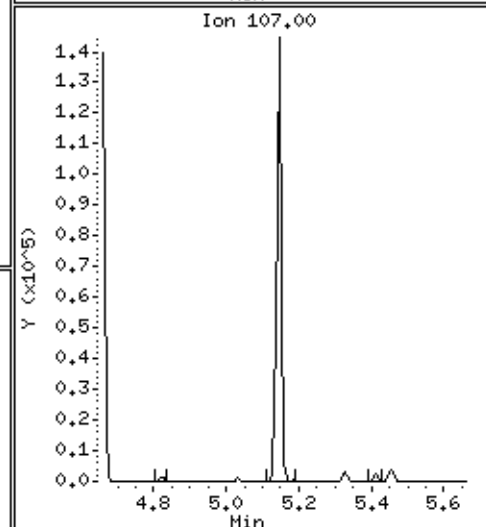
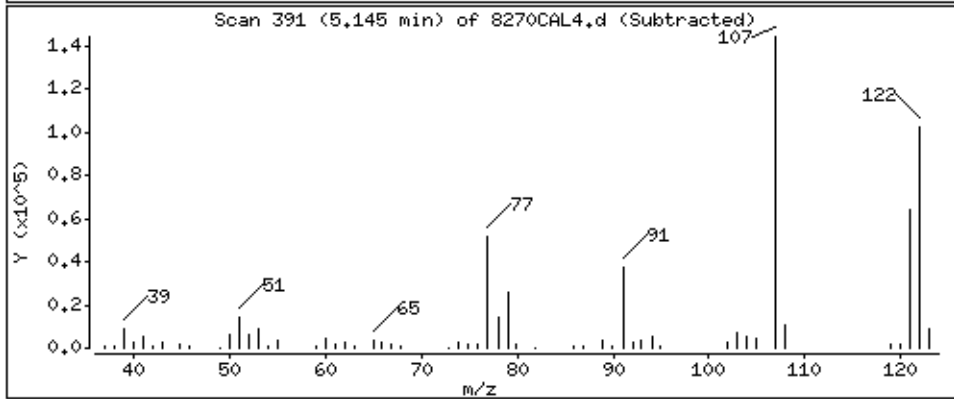
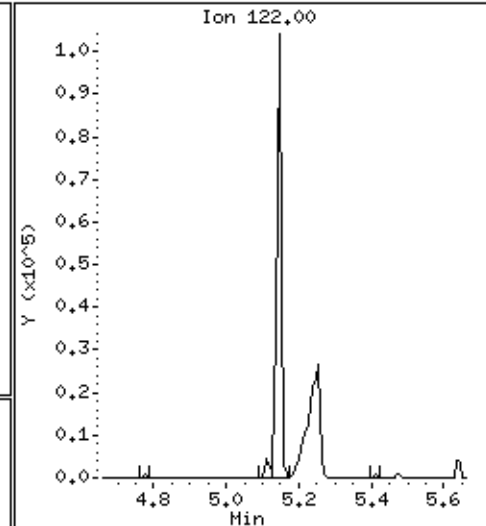
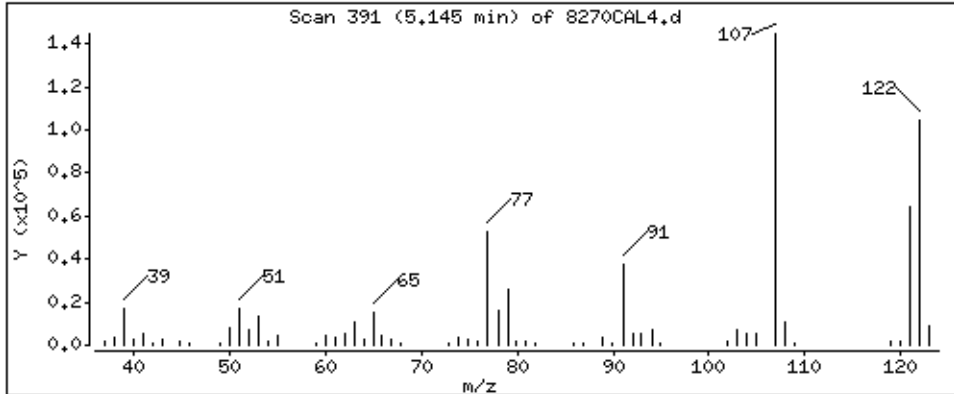
Operator: MJ

Column phase: HPHS-5

Column diameter: 0.25

36 2,4-Dimethylphenol

Concentration: 43.6 ug/l





Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

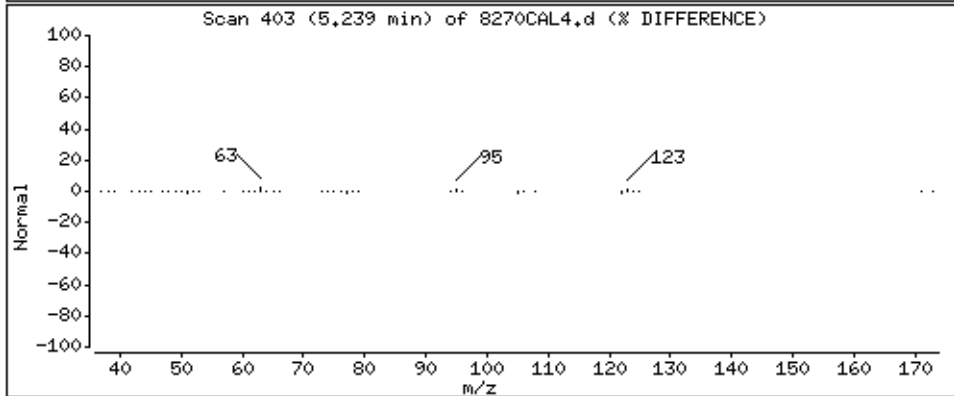
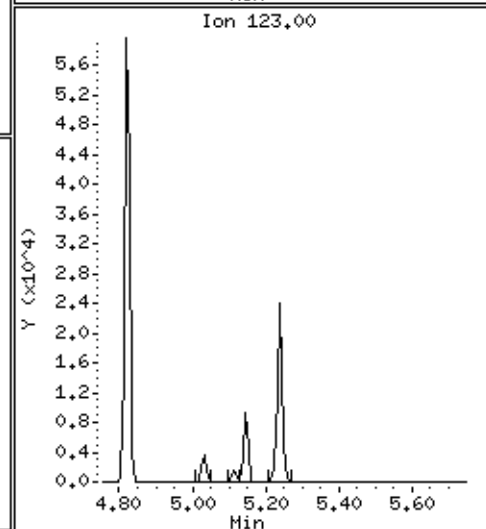
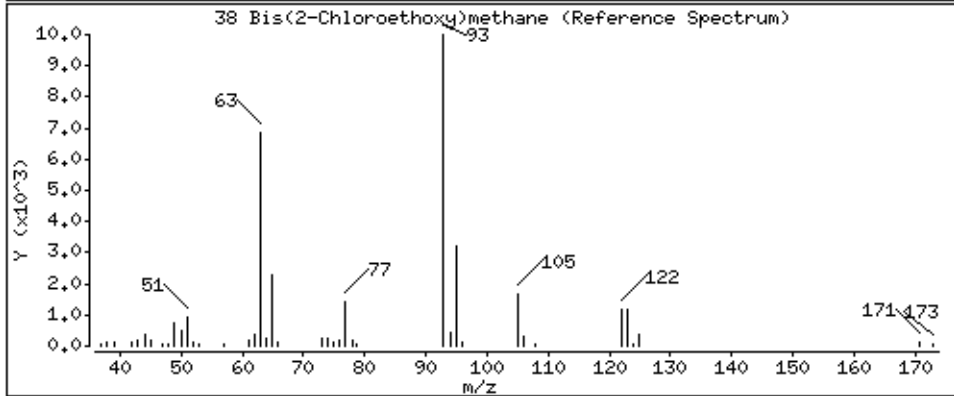
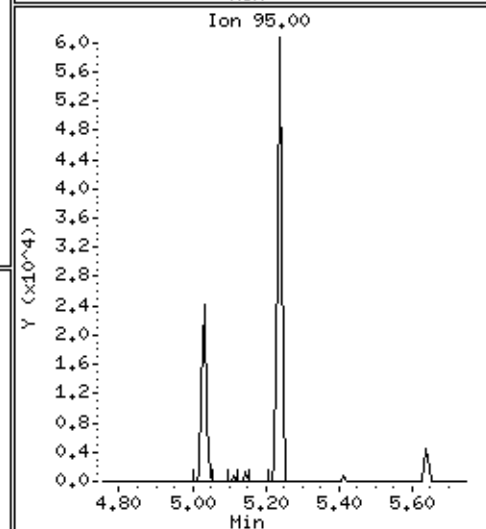
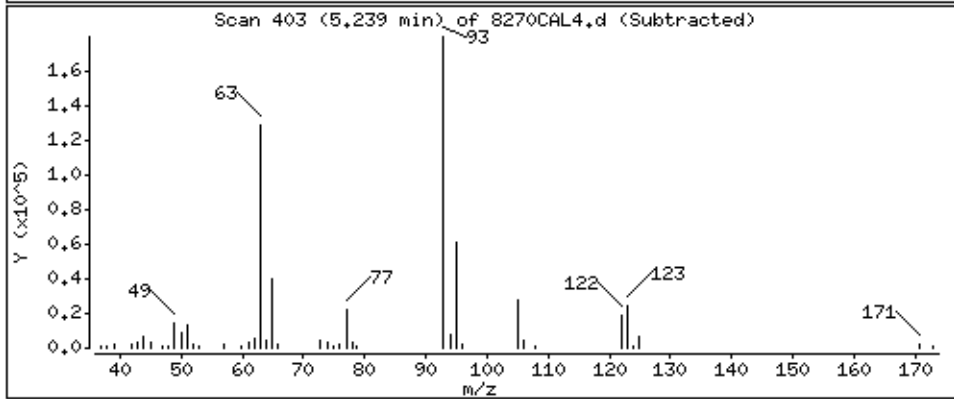
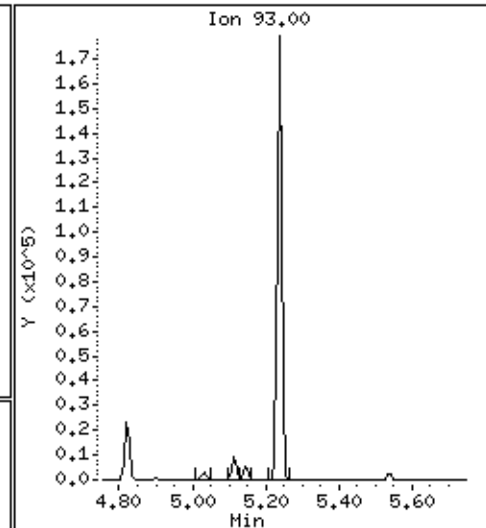
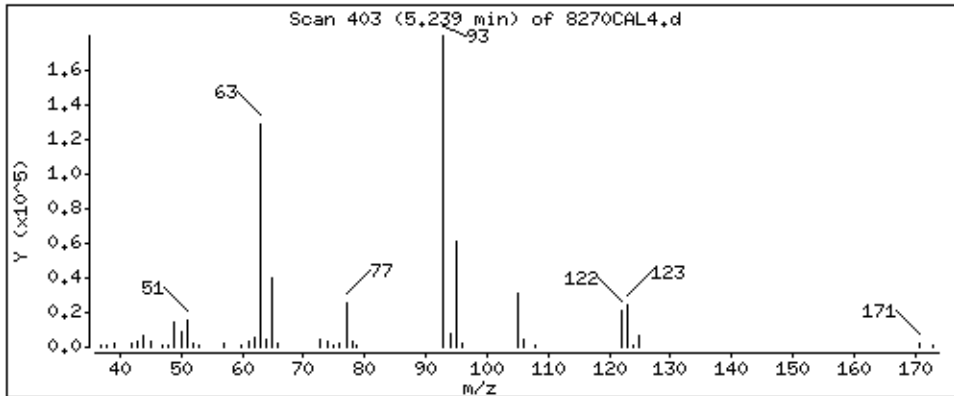
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

38 Bis(2-Chloroethoxy)methane

Concentration: 44.7 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

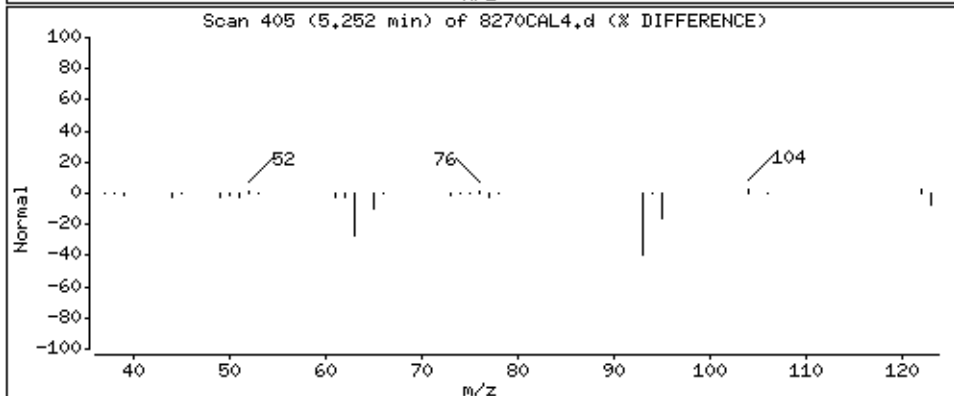
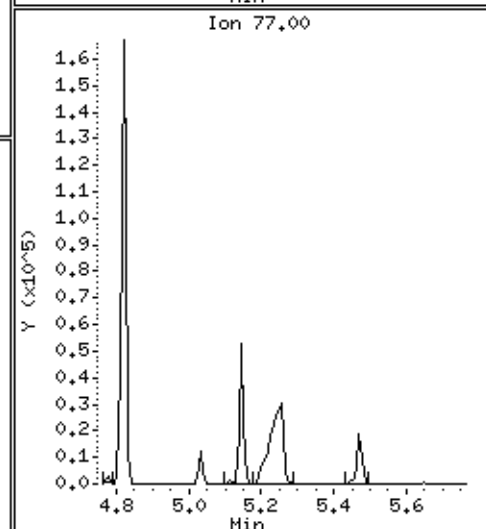
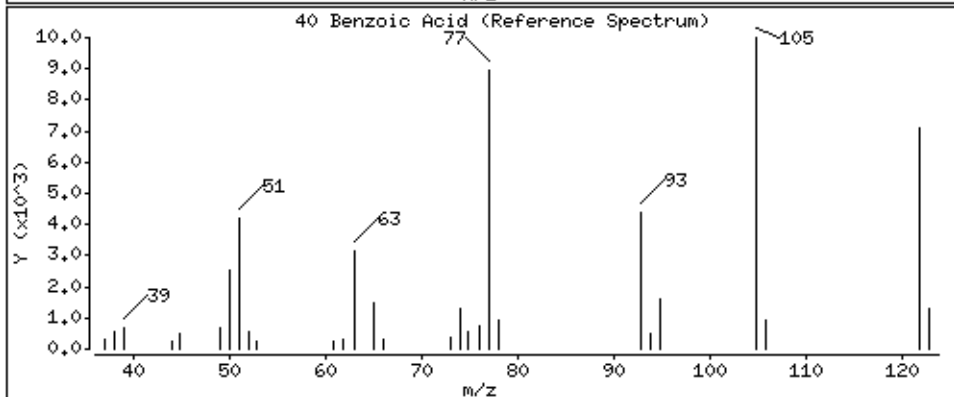
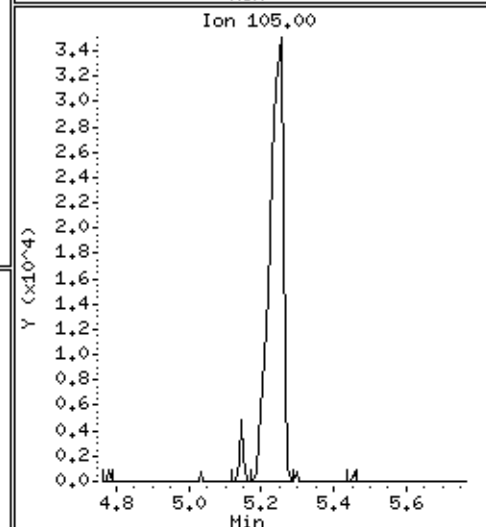
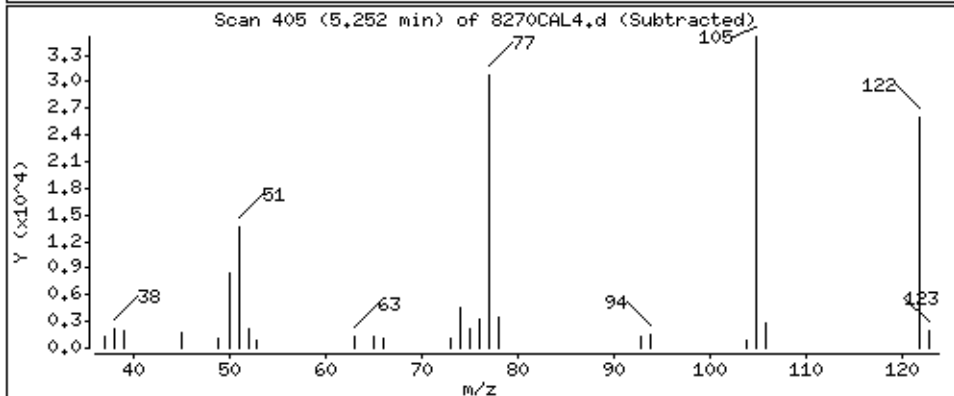
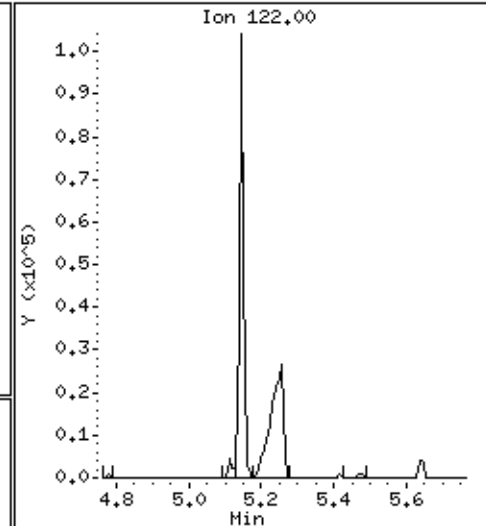
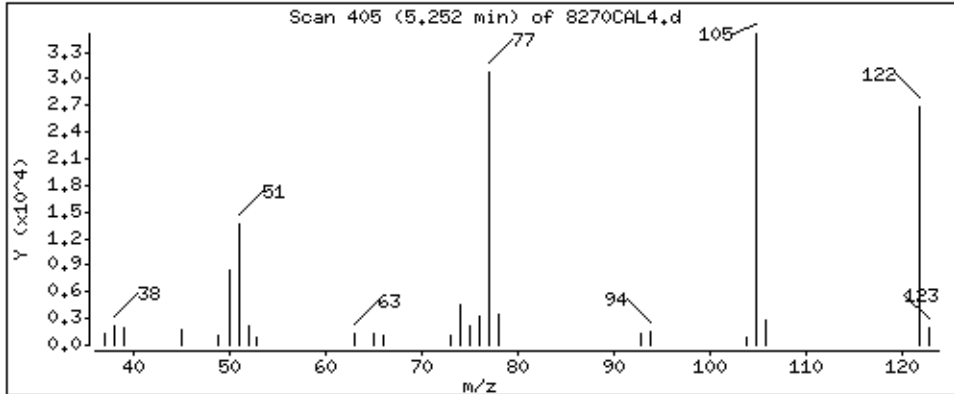
Operator: MJ

Column phase: HPHS-5

Column diameter: 0.25

40 Benzoic Acid

Concentration: 41.7 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

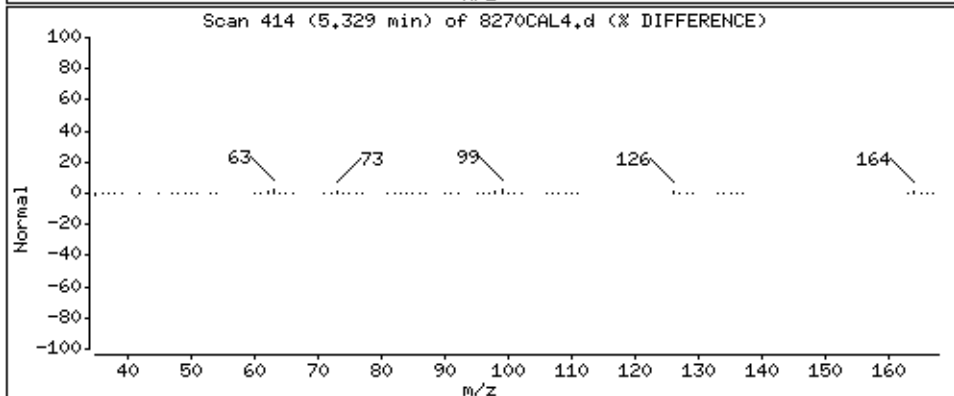
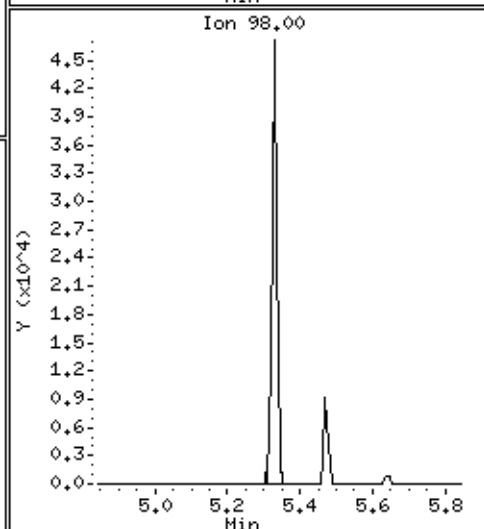
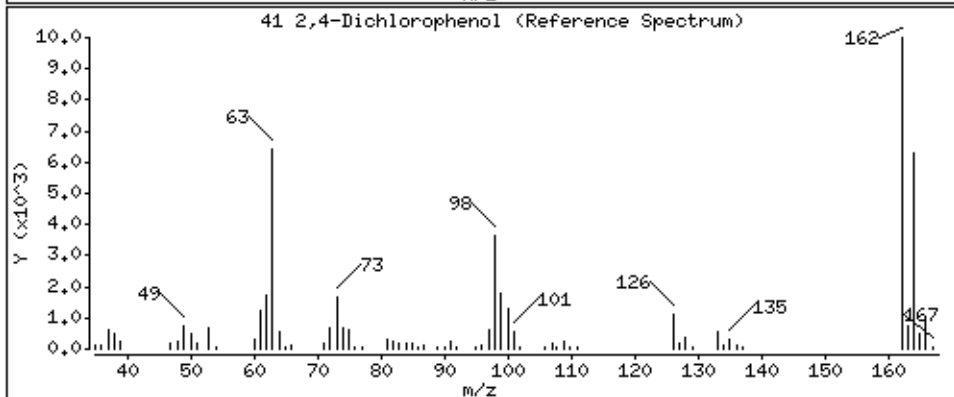
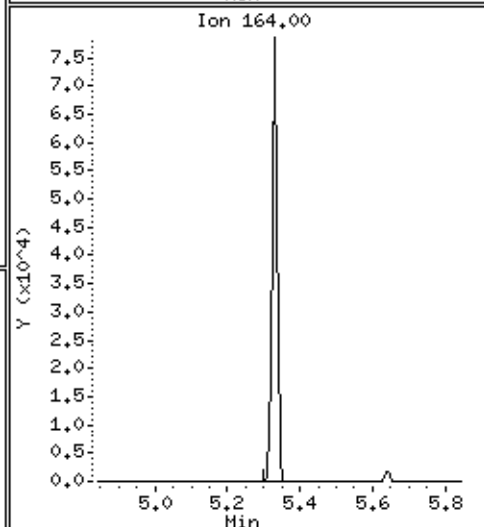
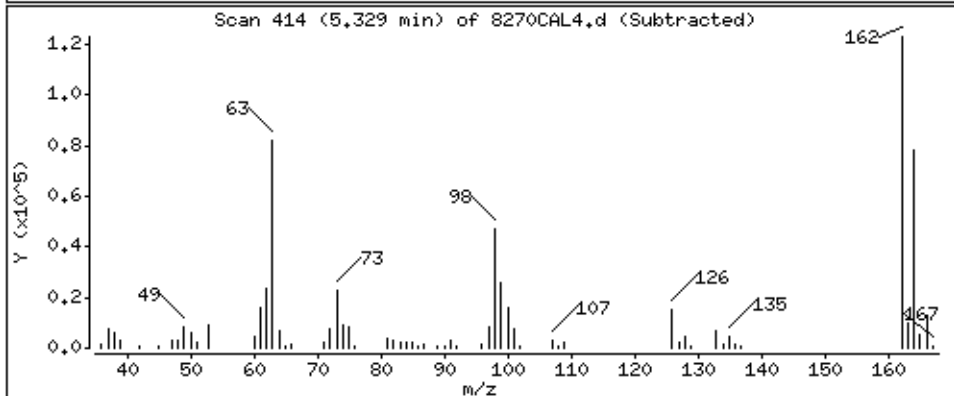
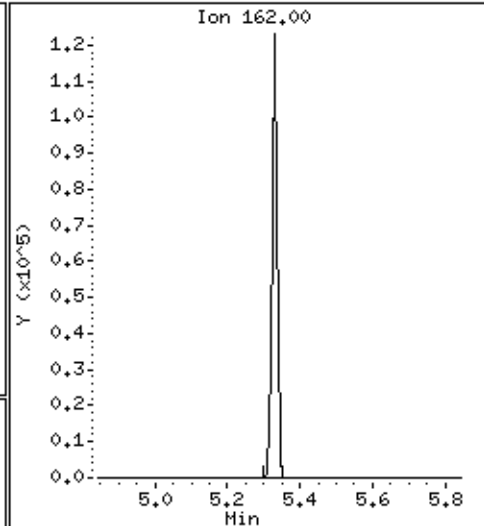
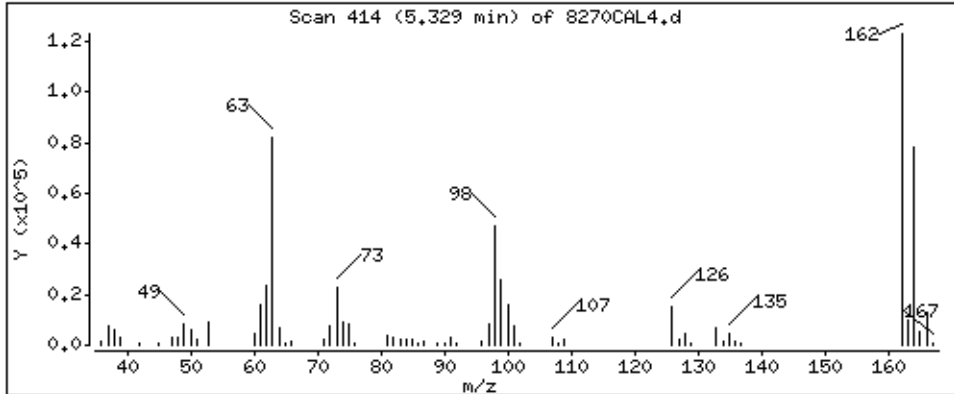
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

41 2,4-Dichlorophenol

Concentration: 45.9 ug/l



Date: 20-NOV-2012 16:30

Client ID: 8270CRL4

Sample Info: 4766

Purge Volume: 1000.0

Operator: MJ

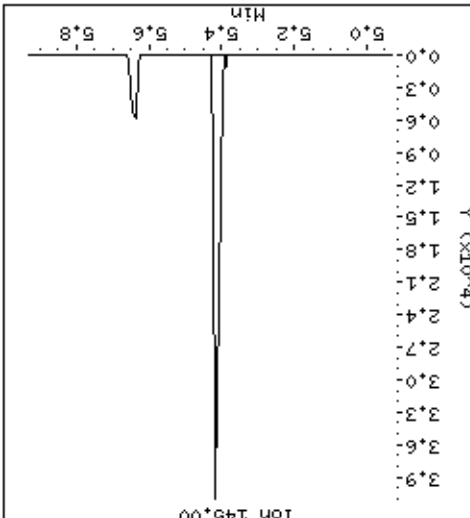
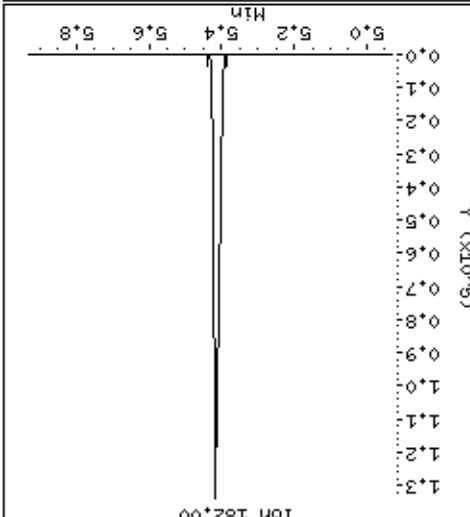
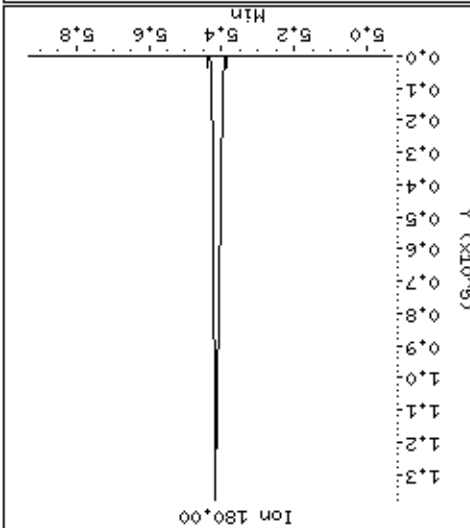
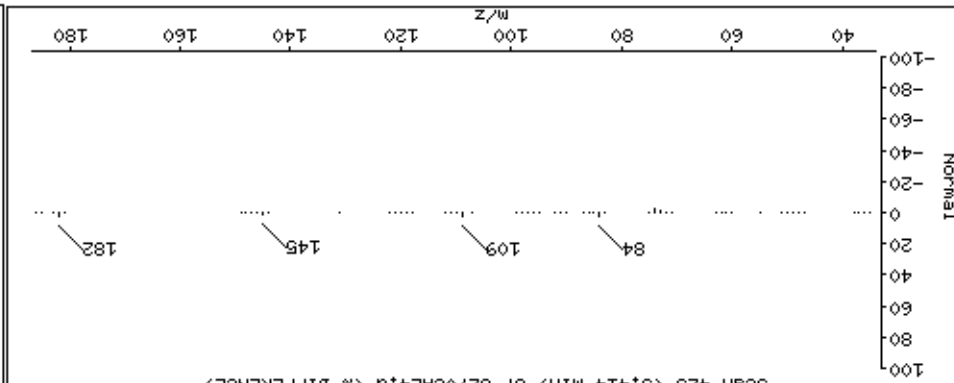
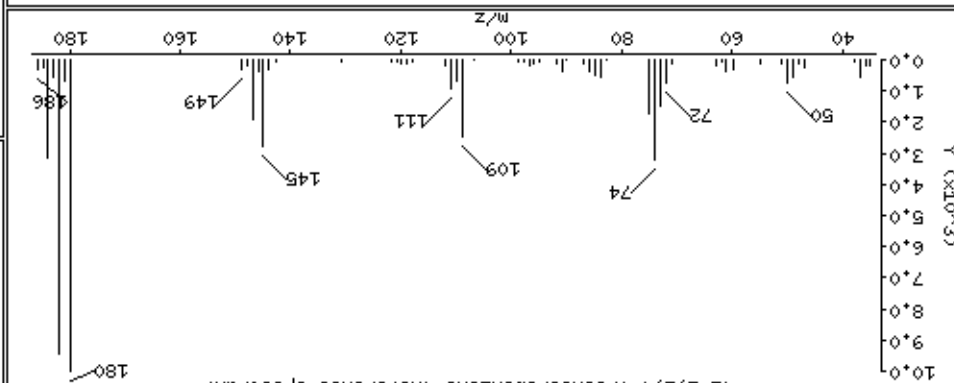
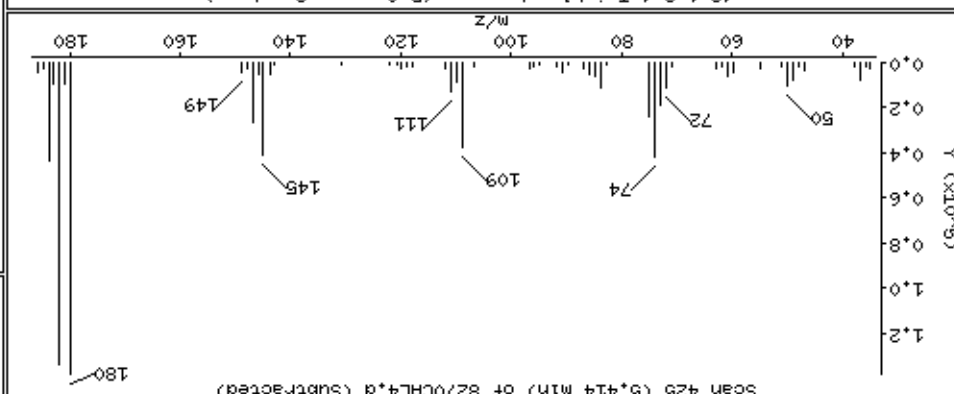
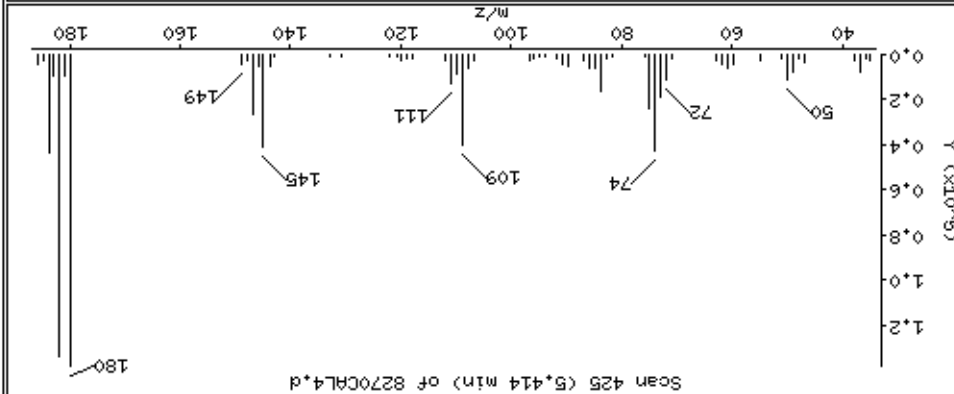
Column phase: HPMS-5

Column diameter: 0.25

Instrument: smsd04.1

42 1,2,4-Trichlorobenzene

Concentration: 45.3 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

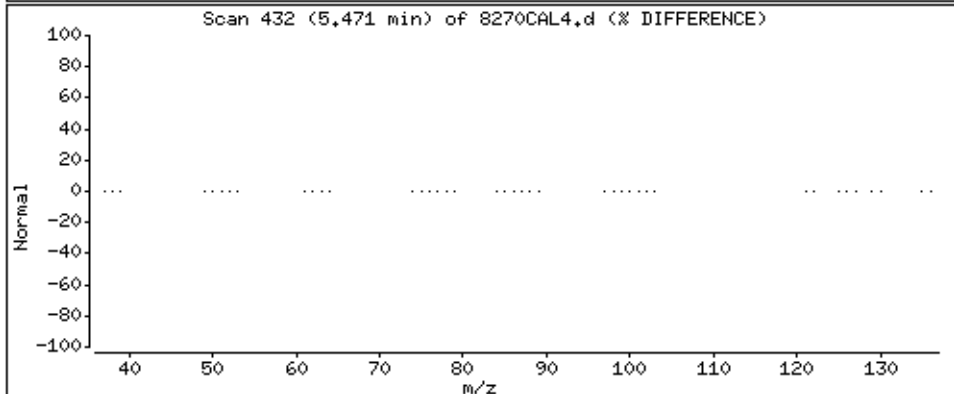
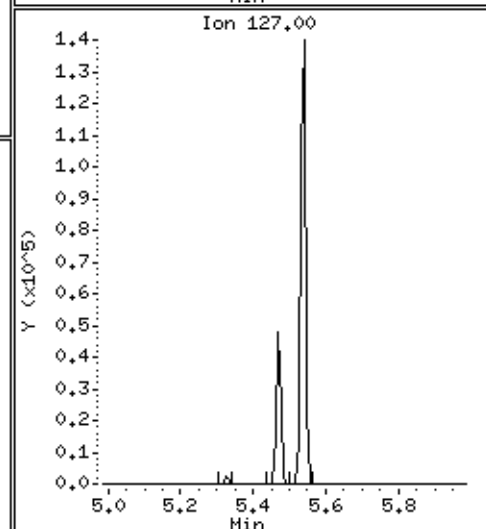
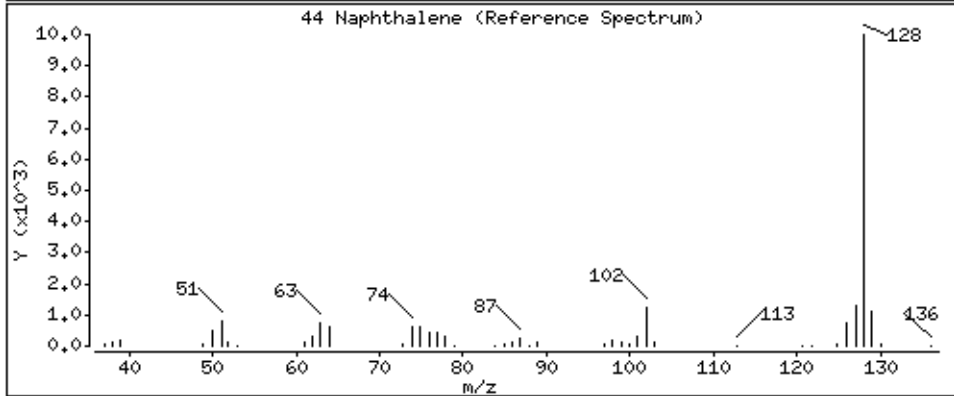
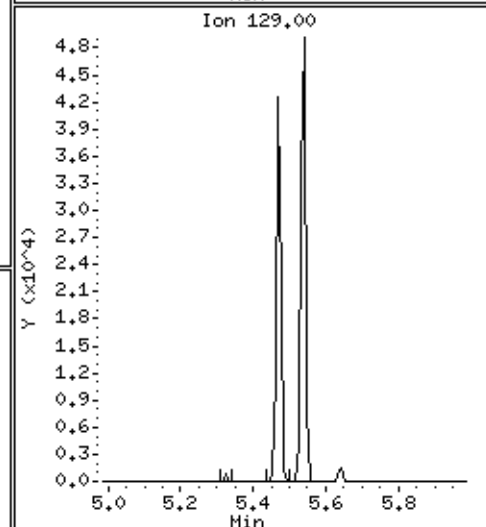
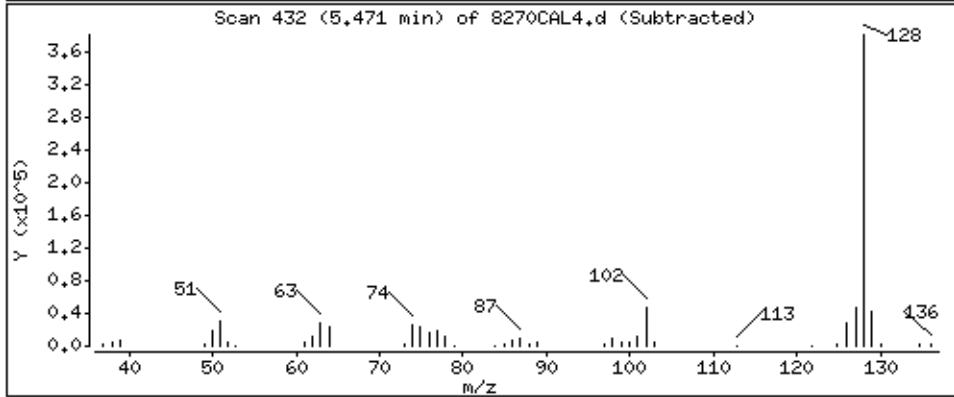
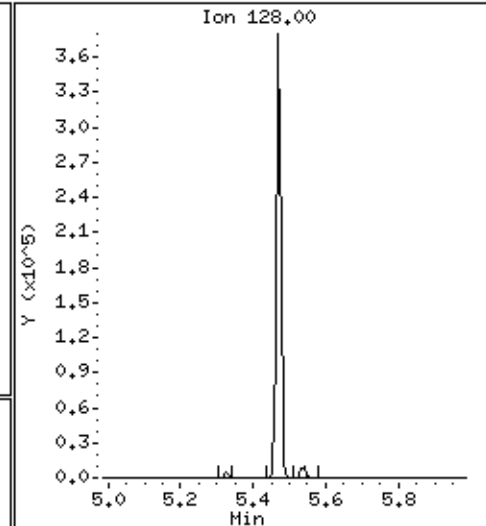
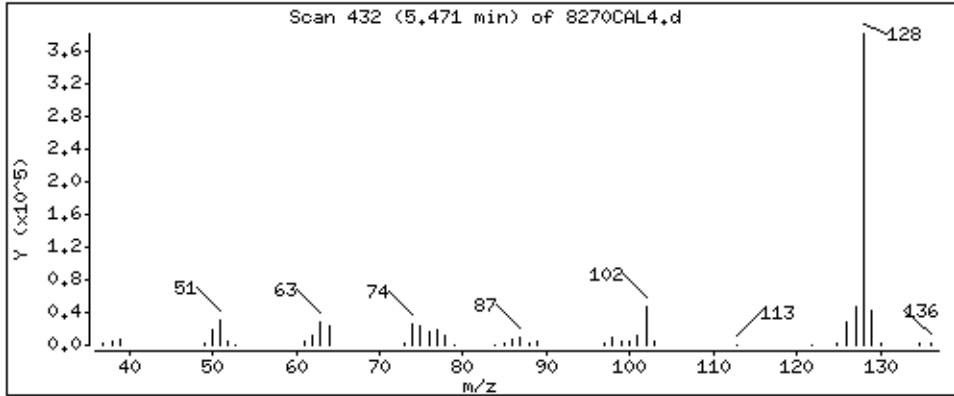
Operator: MJ

Column phase: HPHS-5

Column diameter: 0.25

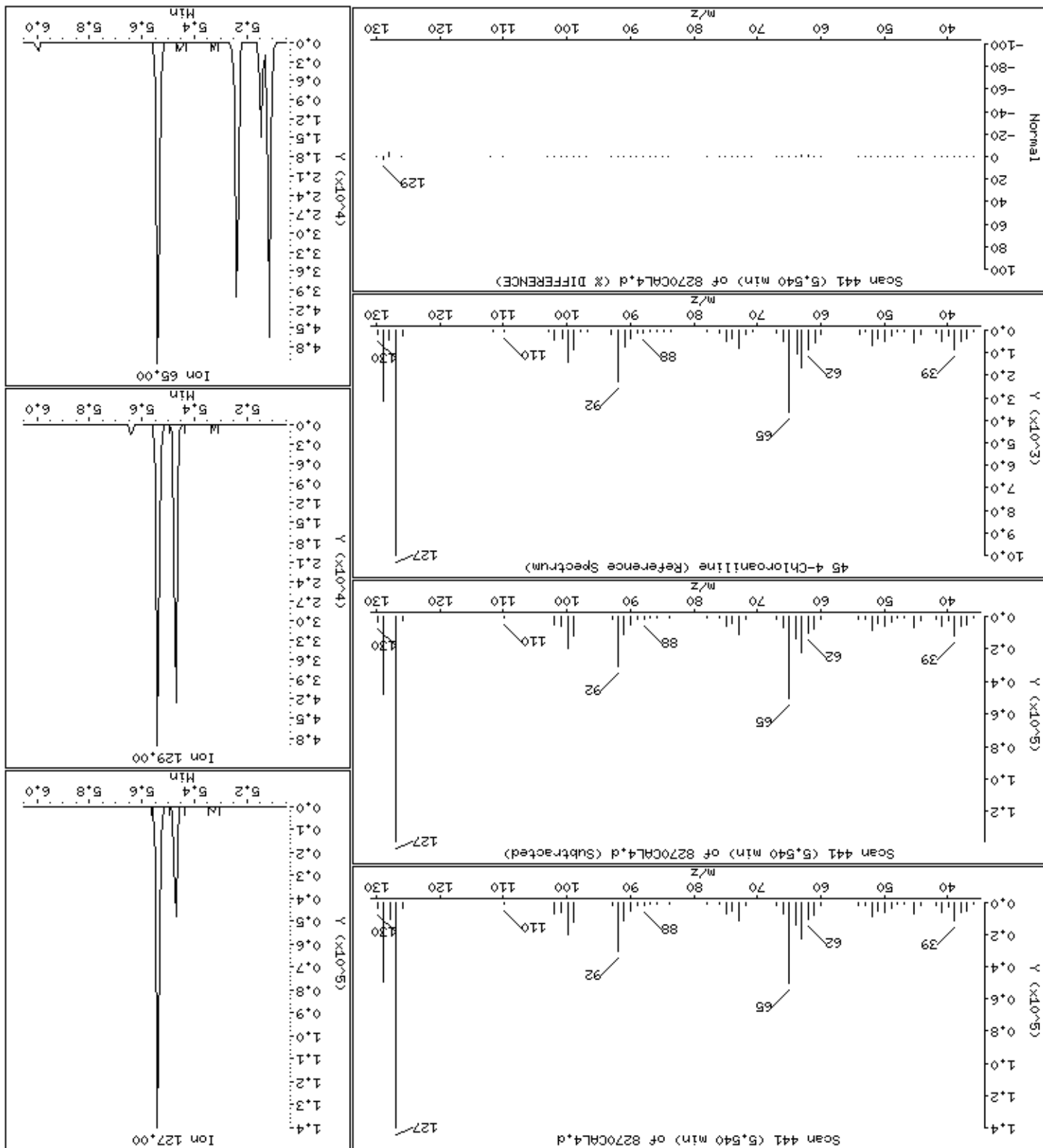
44 Naphthalene

Concentration: 44.5 ug/l



Date : 20-NOV-2012 16:30  
Client ID: 8270CRL4  
Sample Info: 4766  
Purge Volume: 1000.0  
Operator: MJ

Instrument: smsd04.1  
Column diameter: 0.25  
Concentration: 44.0 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

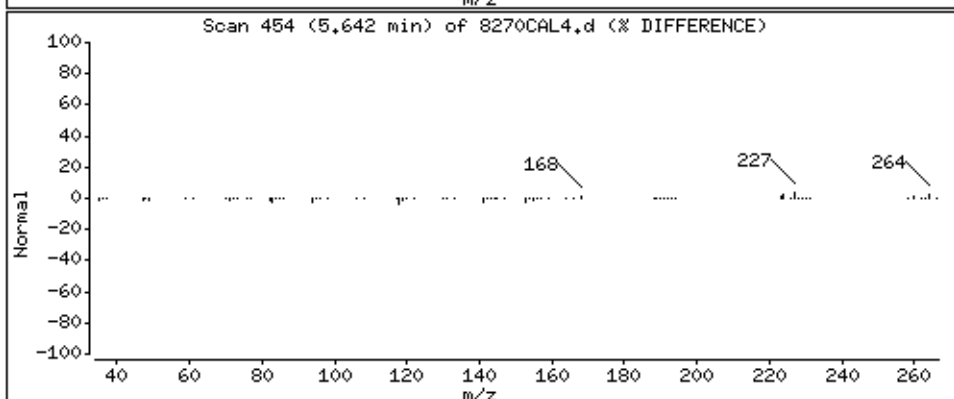
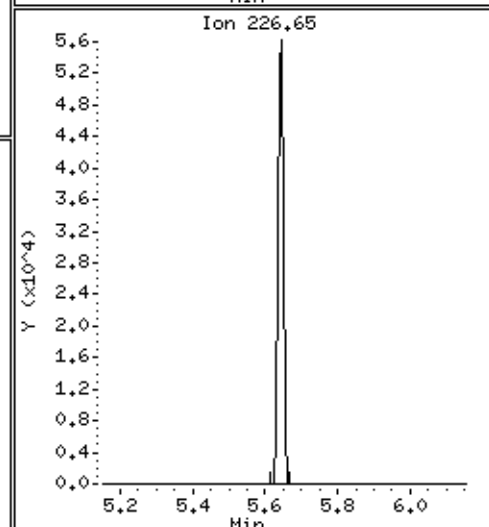
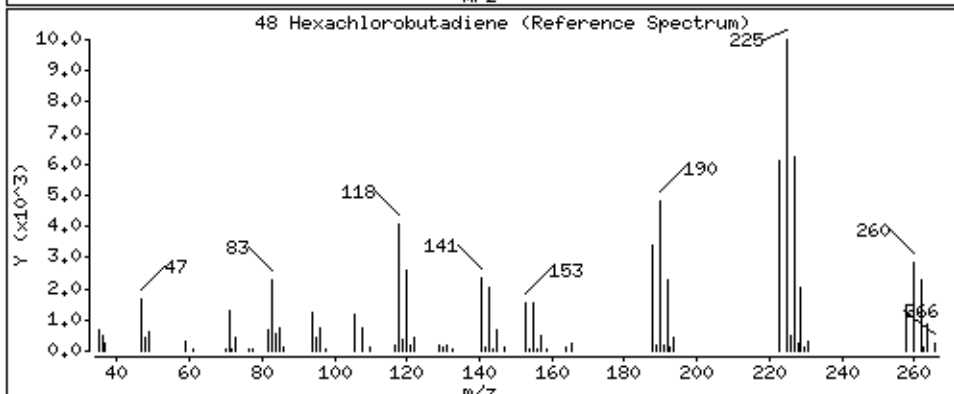
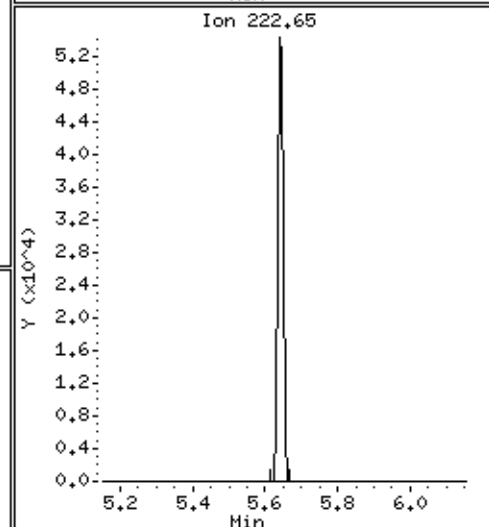
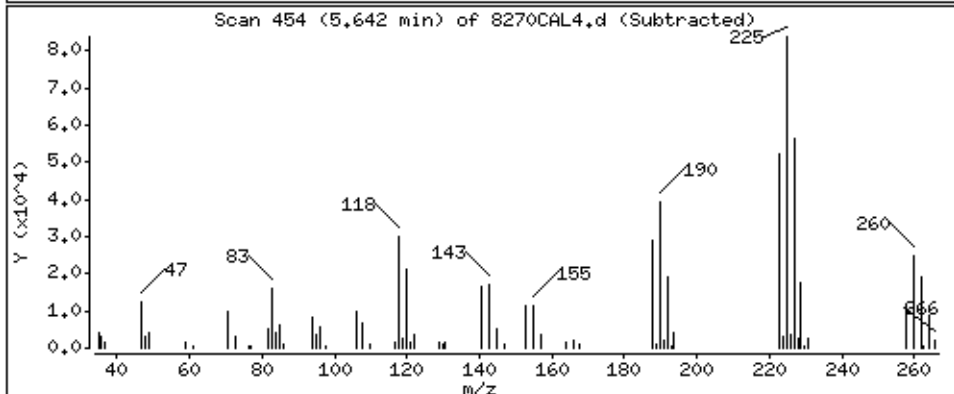
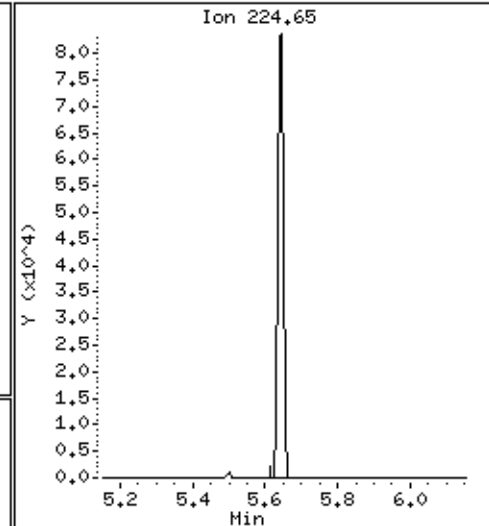
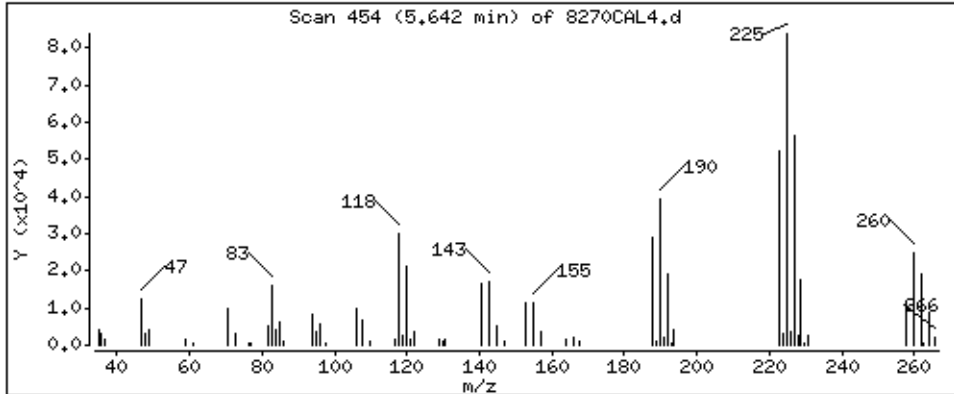
Operator: MJ

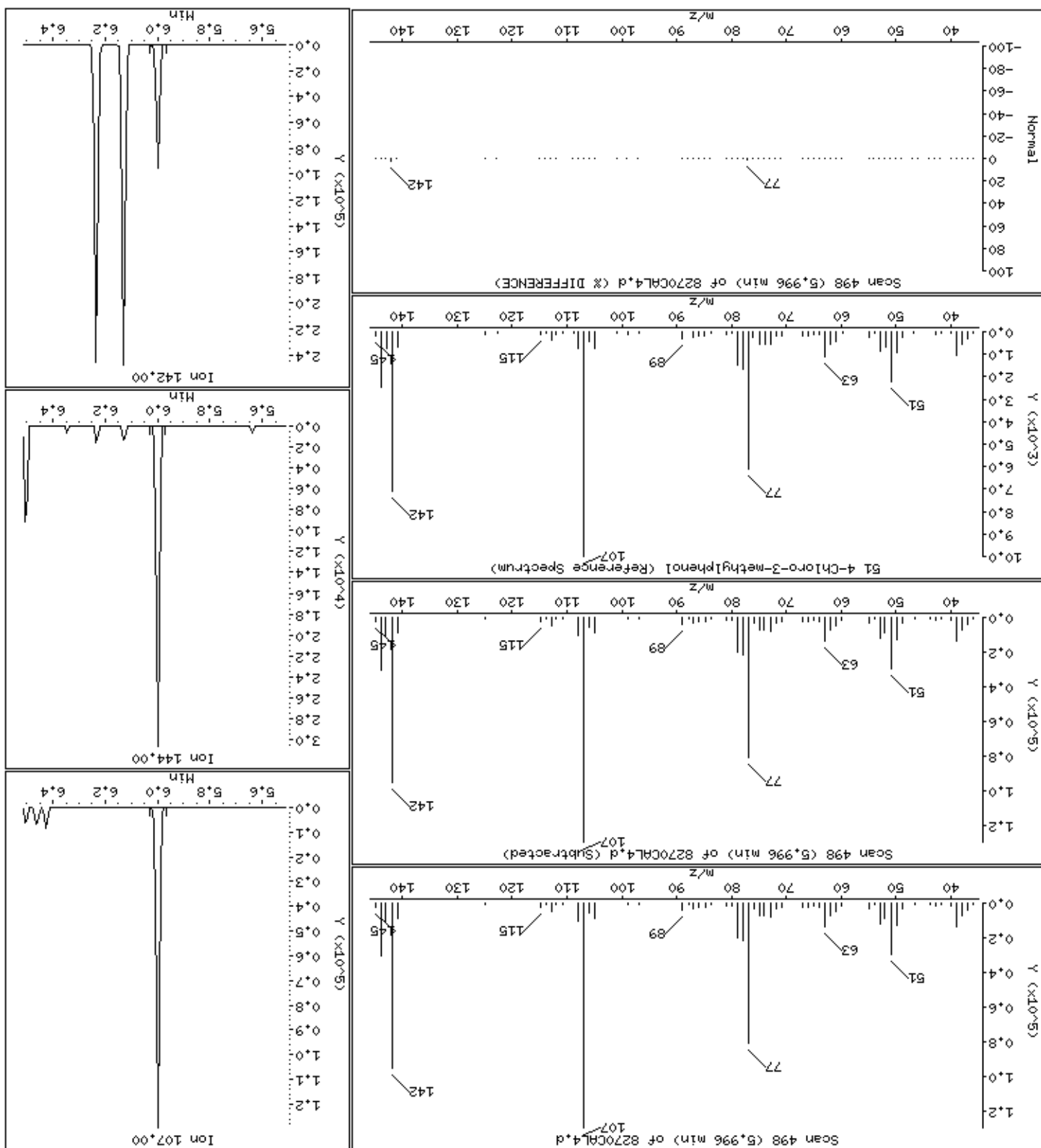
Column phase: HPMS-5

Column diameter: 0,25

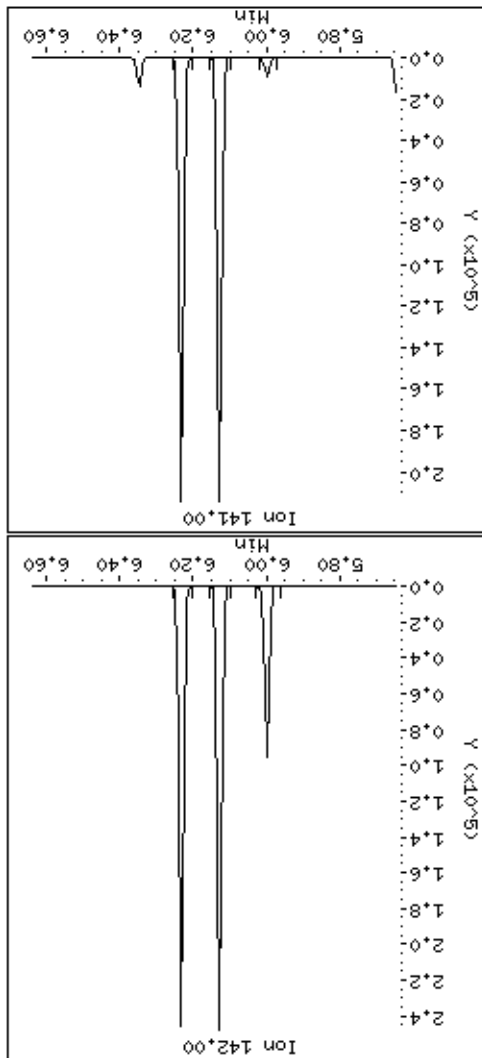
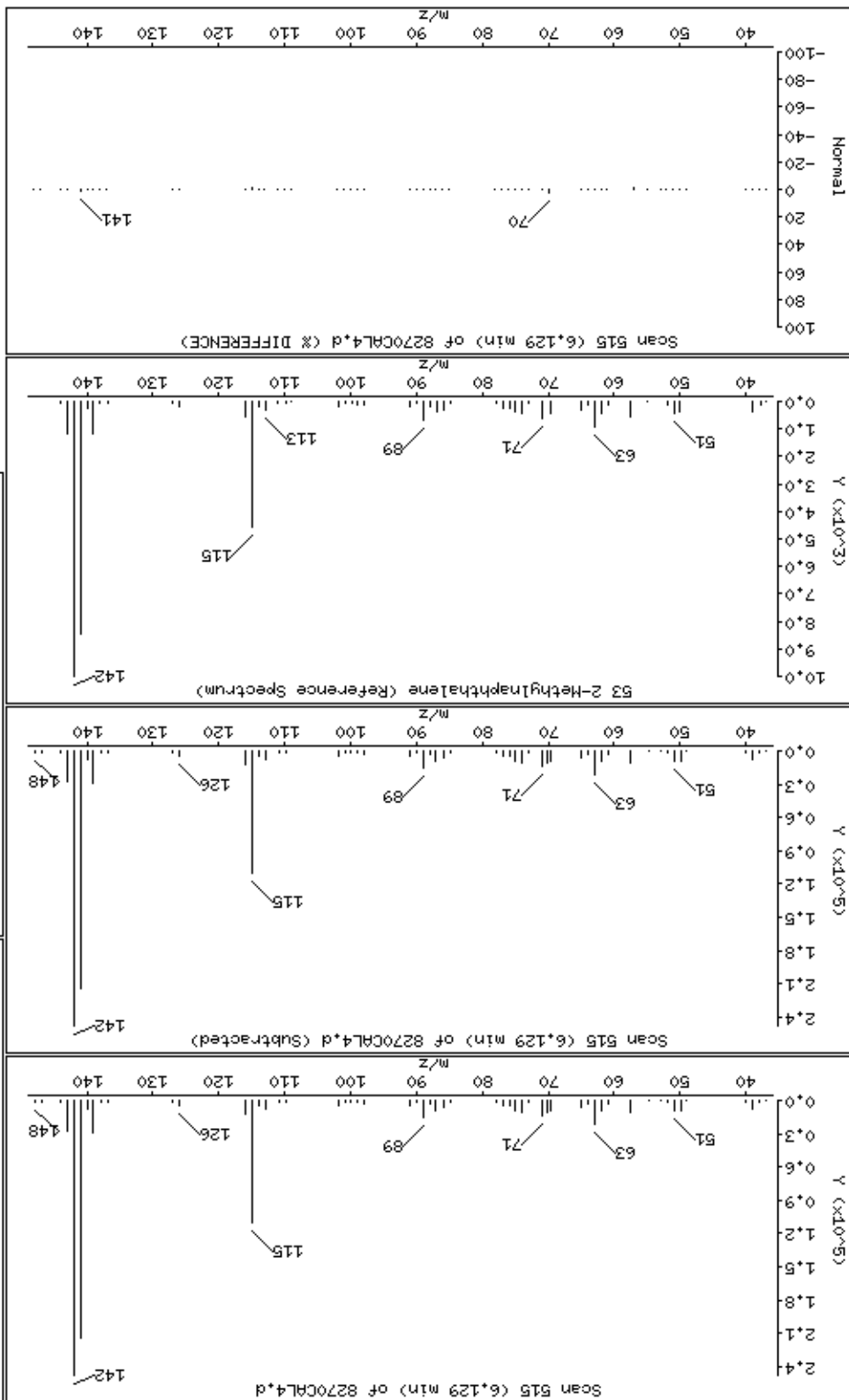
48 Hexachlorobutadiene

Concentration: 45.0 ug/l









Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

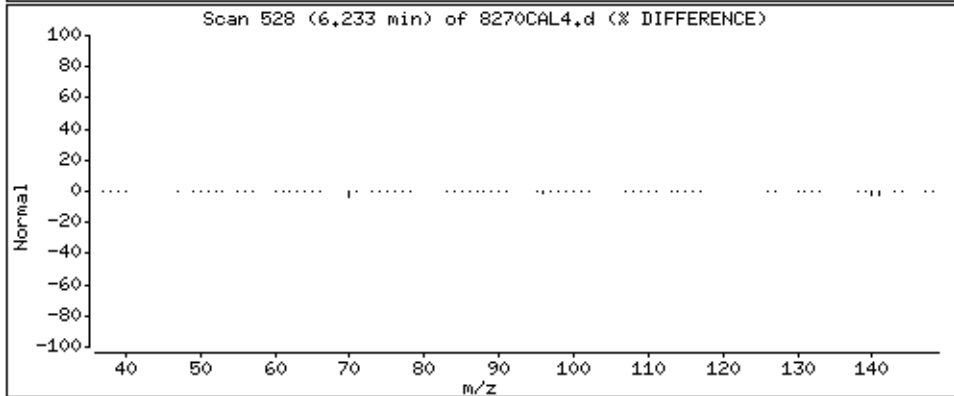
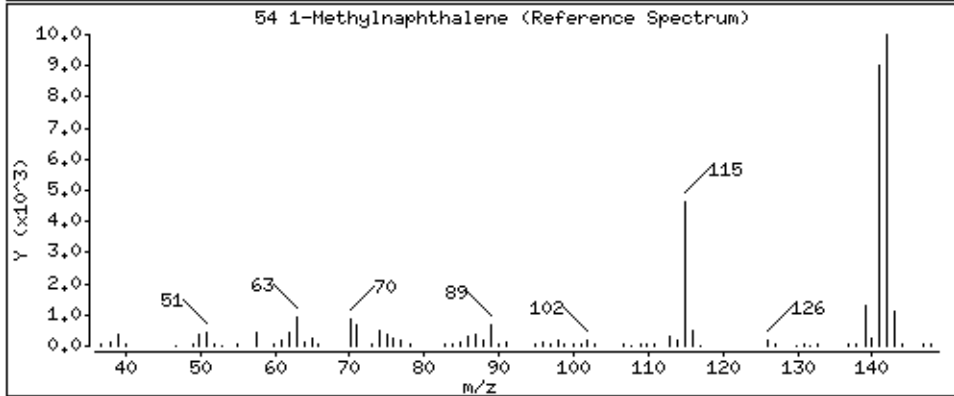
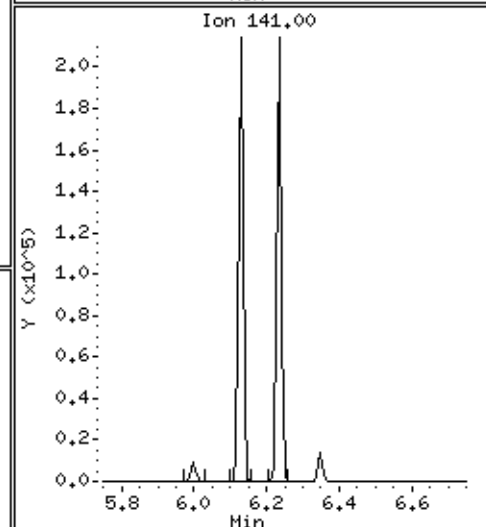
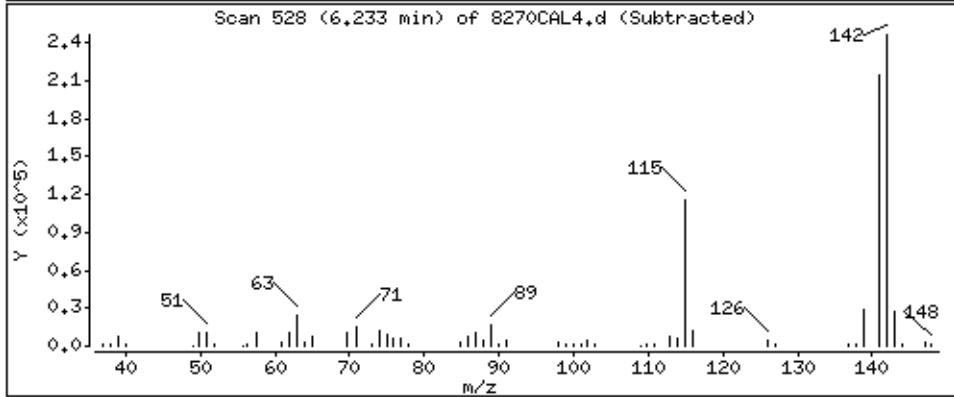
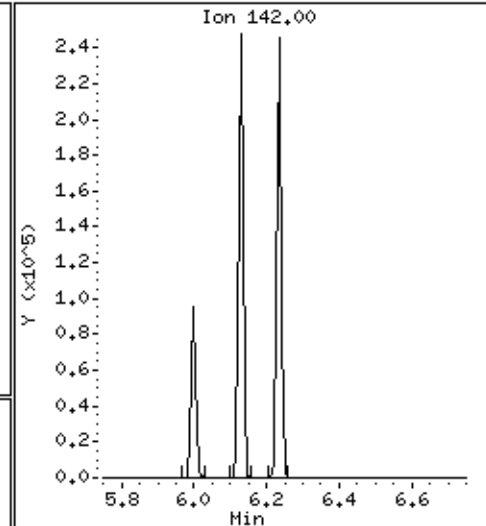
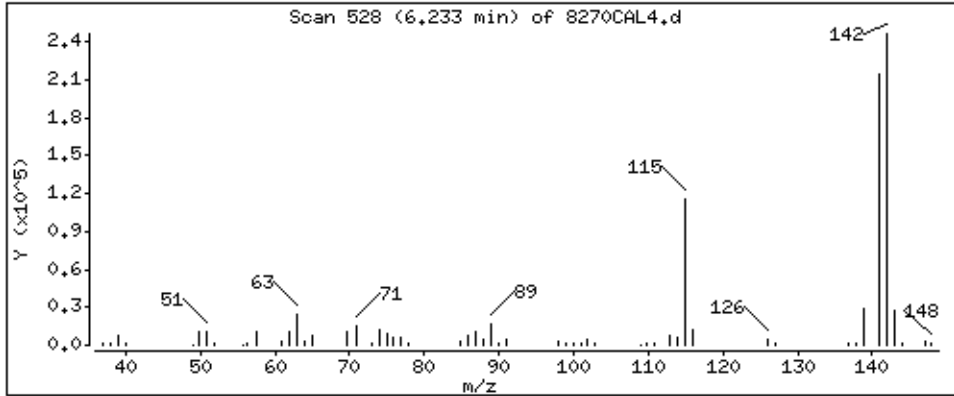
Operator: MJ

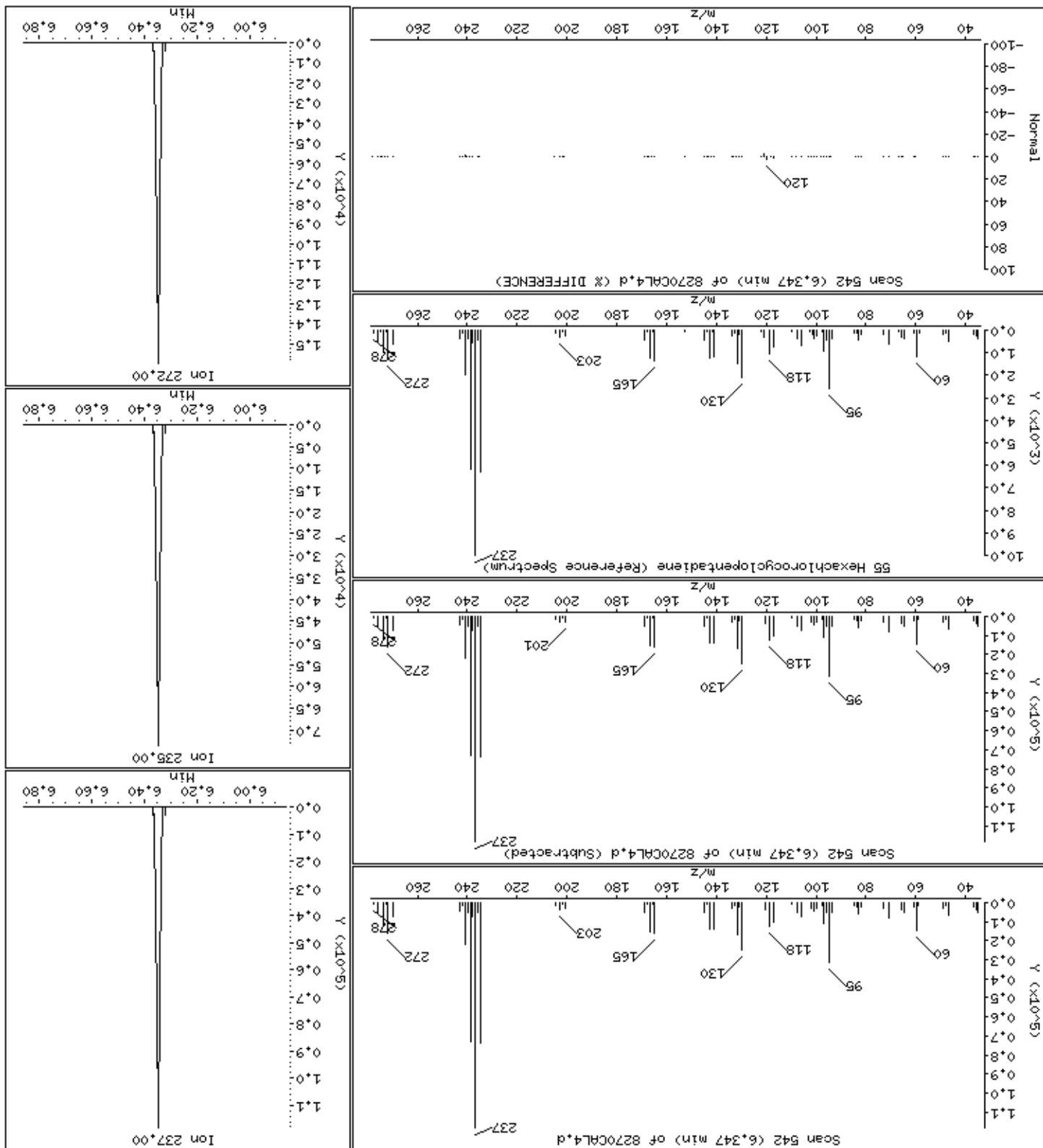
Column phase: HPMS-5

Column diameter: 0.25

54 1-Methylnaphthalene

Concentration: 44.9 ug/l





Date: 20-NOV-2012 16:30

Client ID: 8270CAL4

Sample Info: 47766

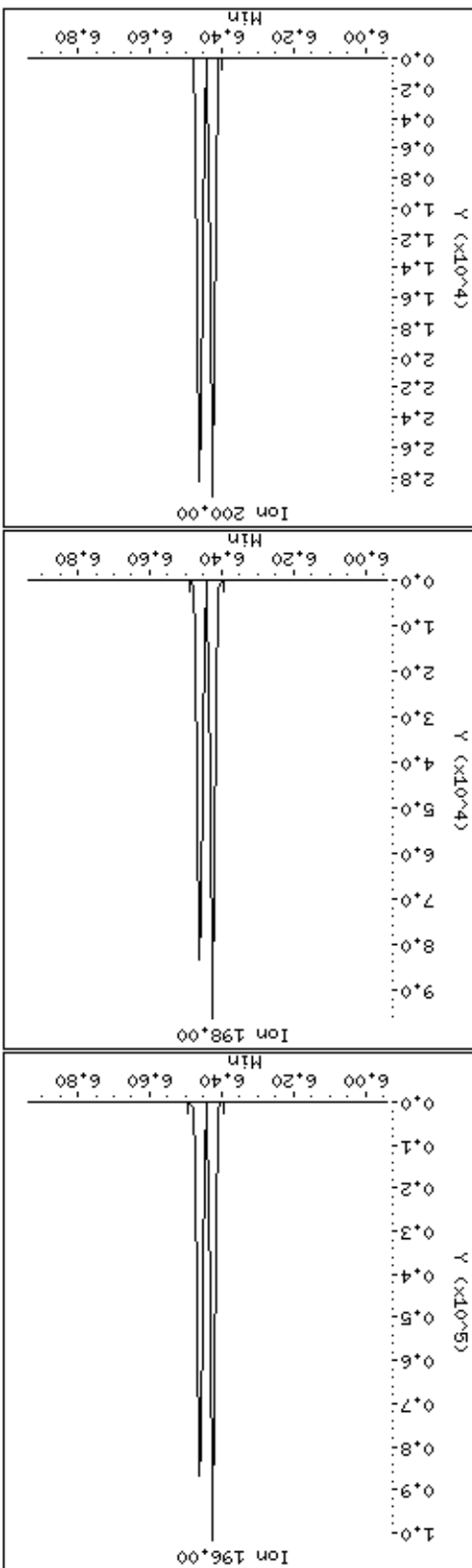
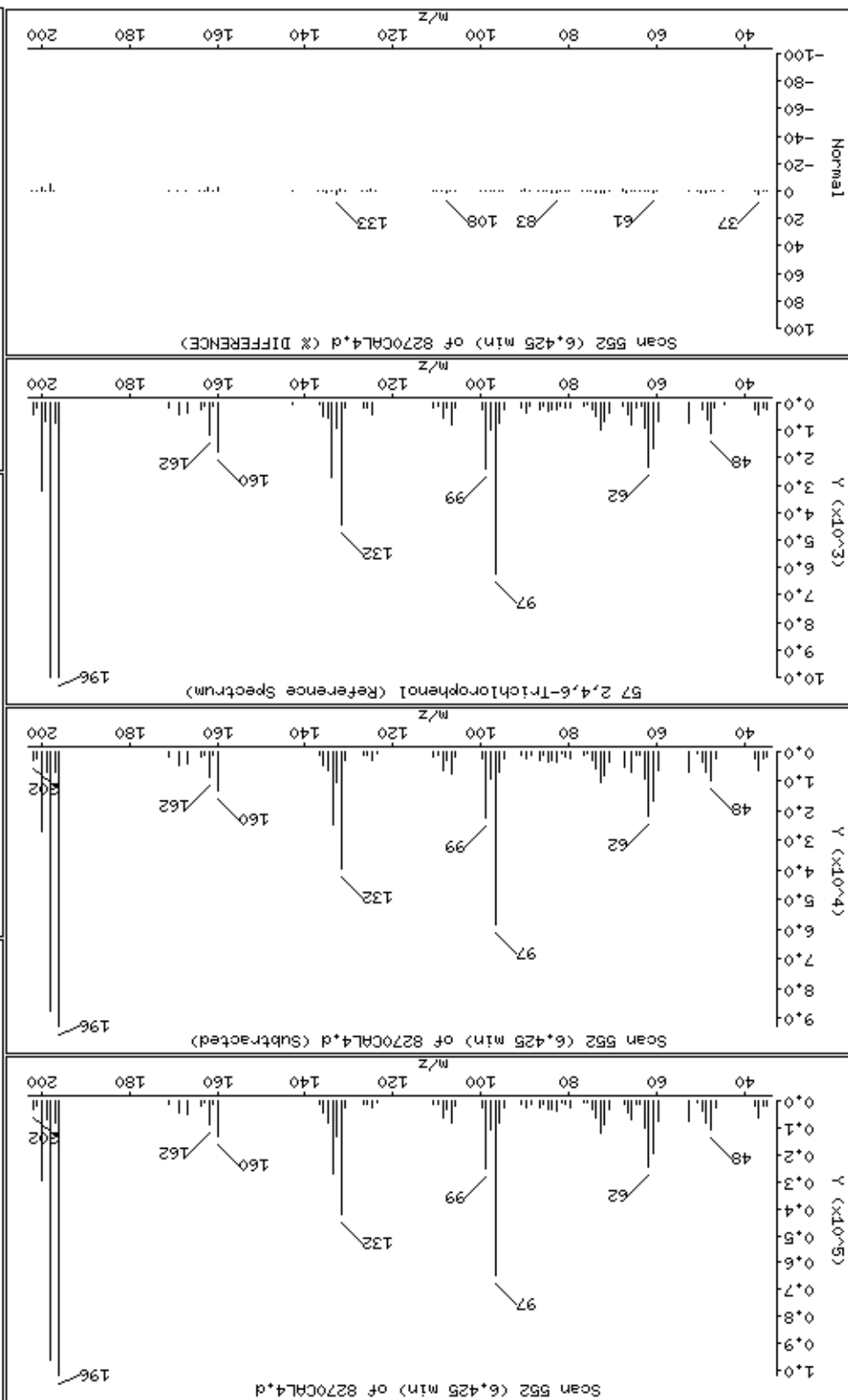
Purge Volume: 1000.0

Operator: MJ

Column phase: HPMS-5

Concentration: 47.0 ug/l

57,2,4,6-Trichlorophenol



Date: 20-NOV-2012 16:30

Client ID: 8270CRL4

Sample Info: 47766

Purge Volume: 1000.0

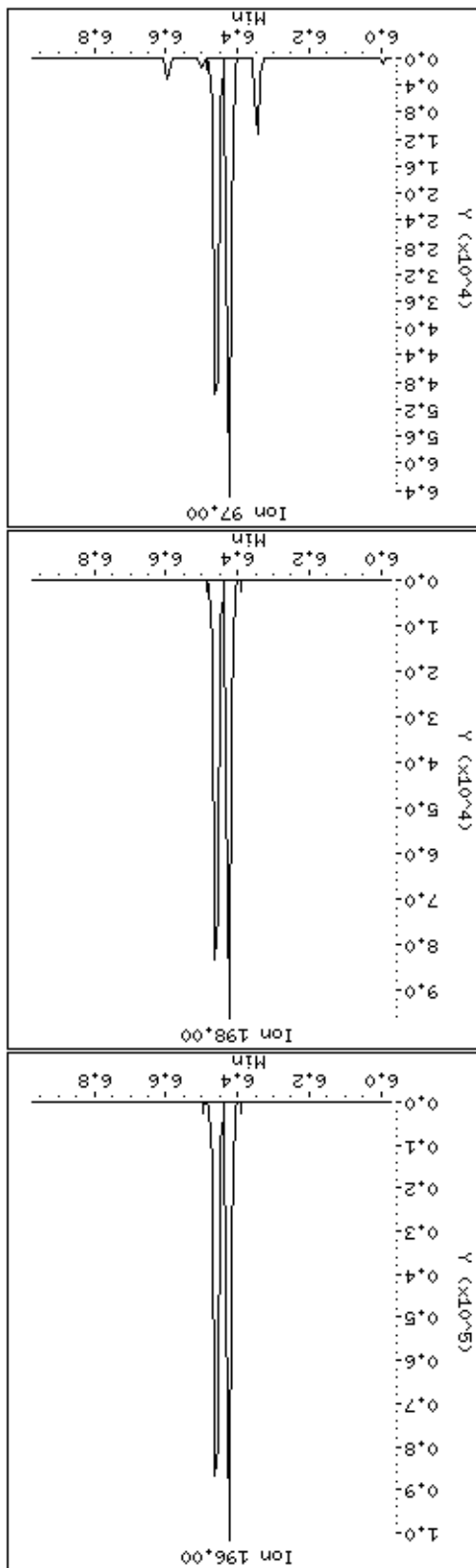
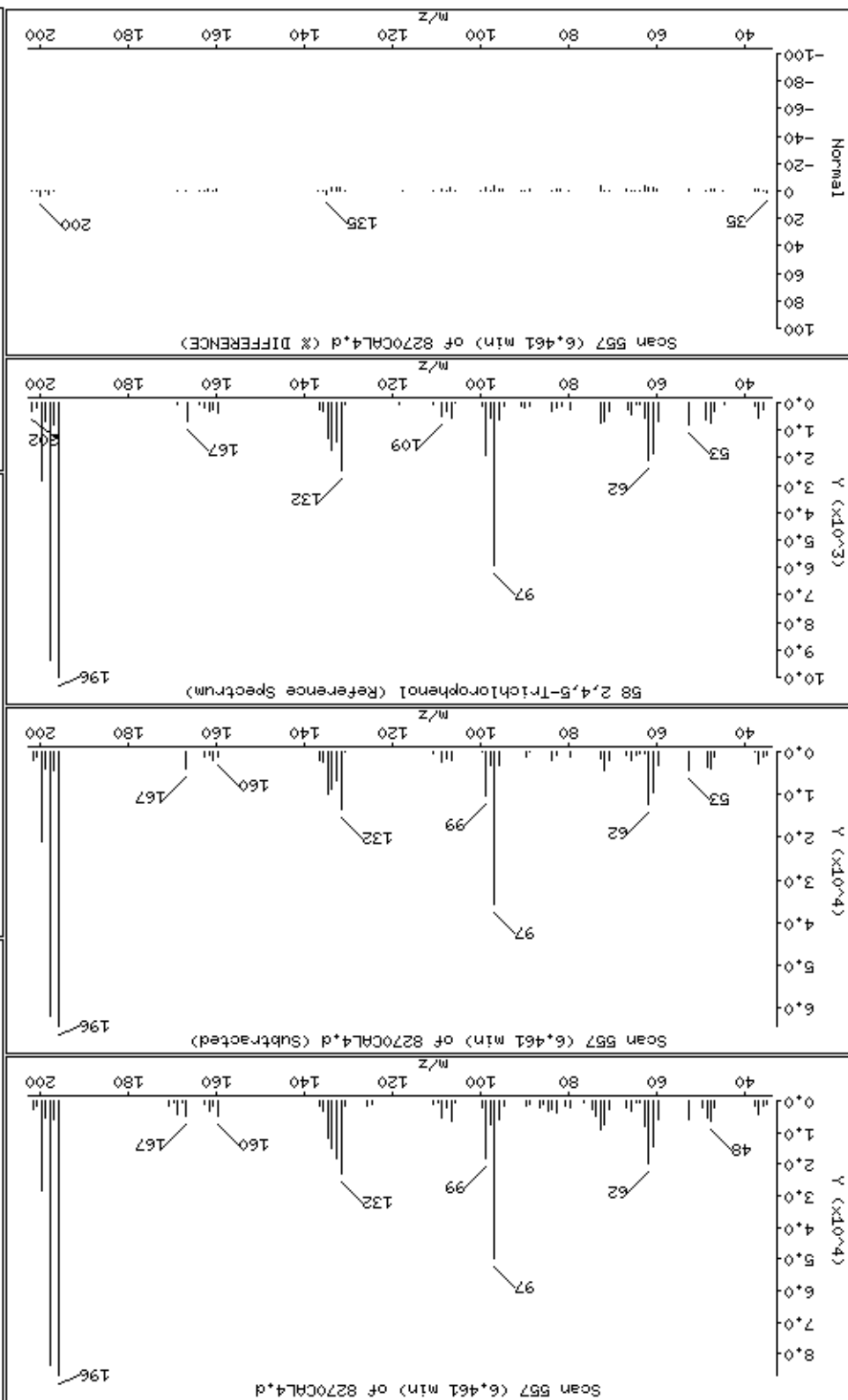
Operator: MJ

Column phase: HPMS-5

Concentration: 47.2 ug/l

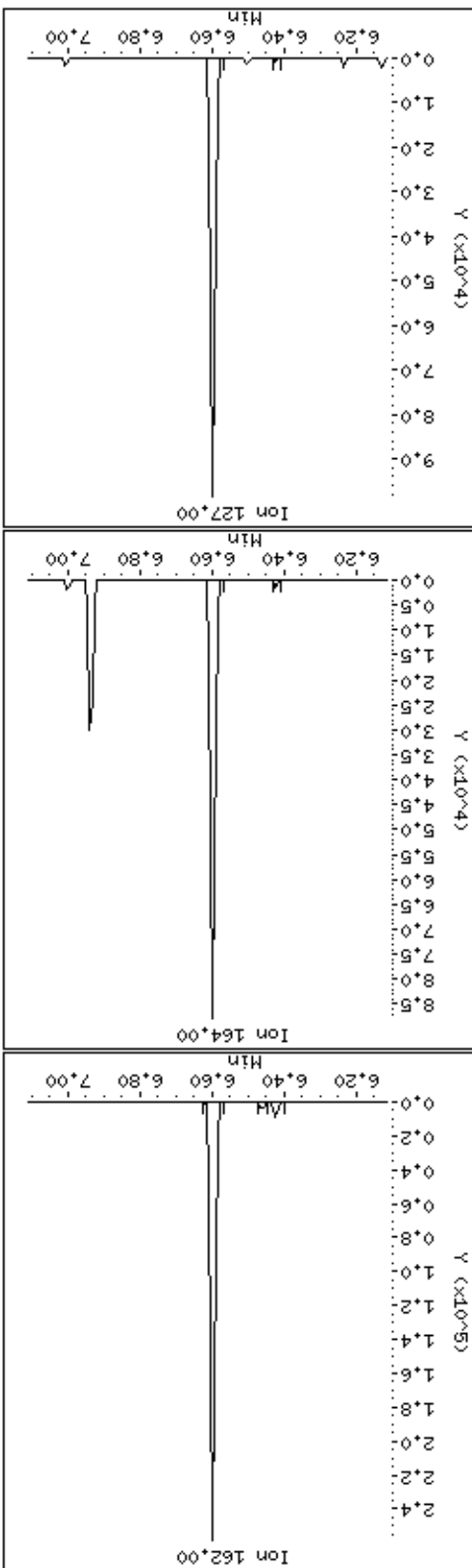
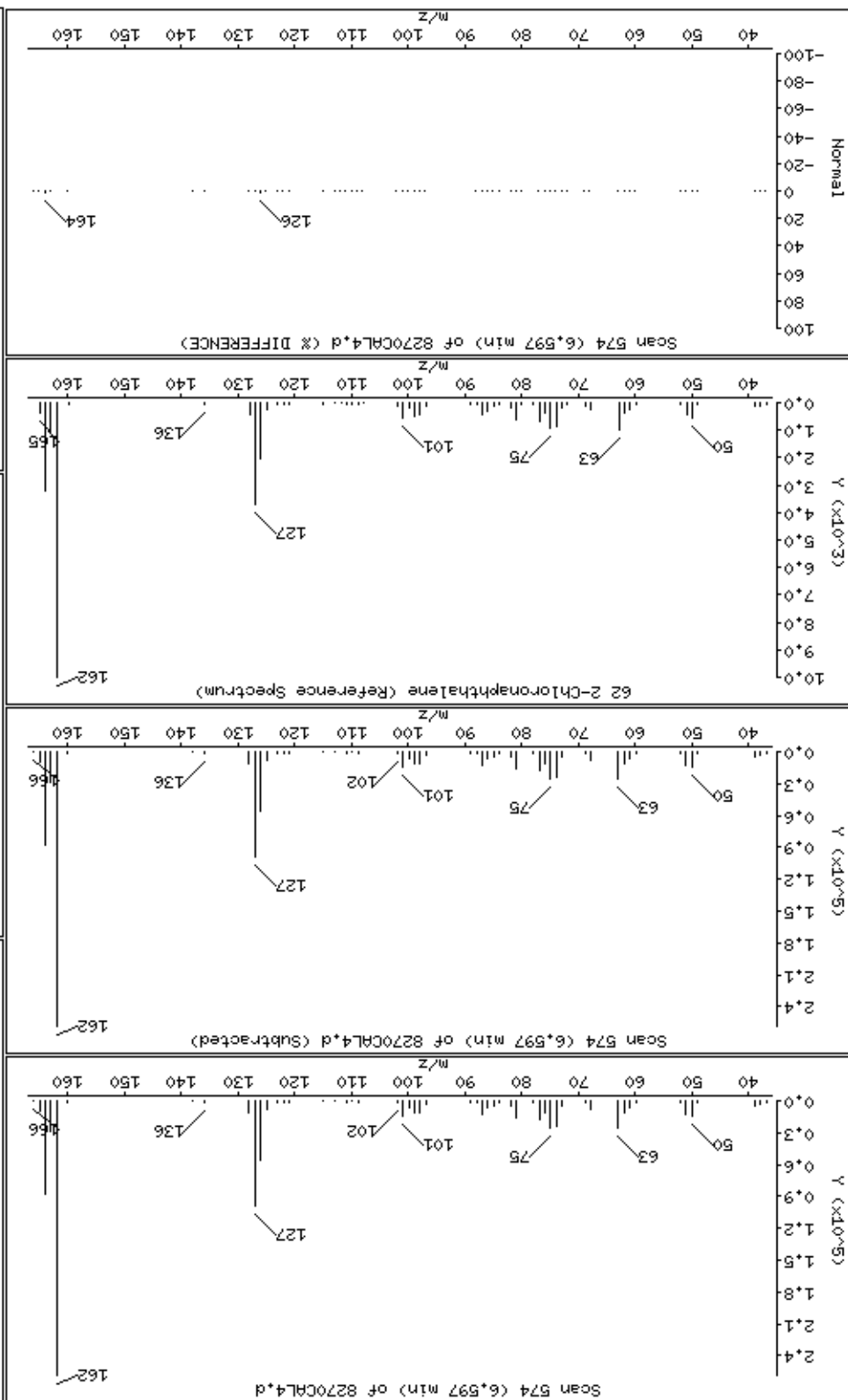
Instrument: smsd04.1

58 2,4,5-Trichlorophenol



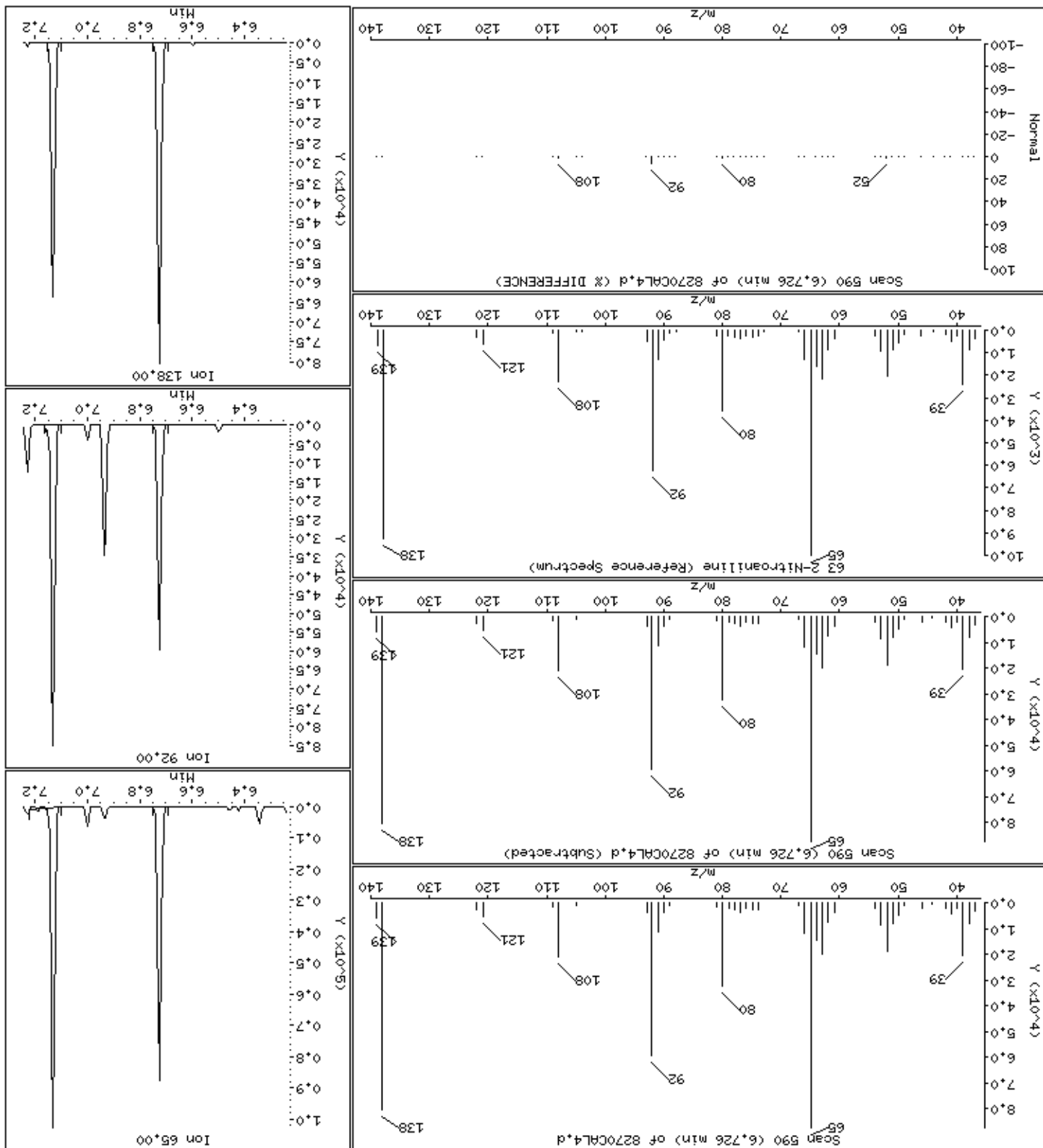
Date: 20-NOV-2012 16:30  
Client ID: 8270CAL4  
Sample Info: 47766  
Purge Volume: 1000.0  
Column phase: HPMS-5  
Concentration: 46.0 ug/l

Instrument: smsd04.1  
Operator: MJ  
Column diameter: 0.25



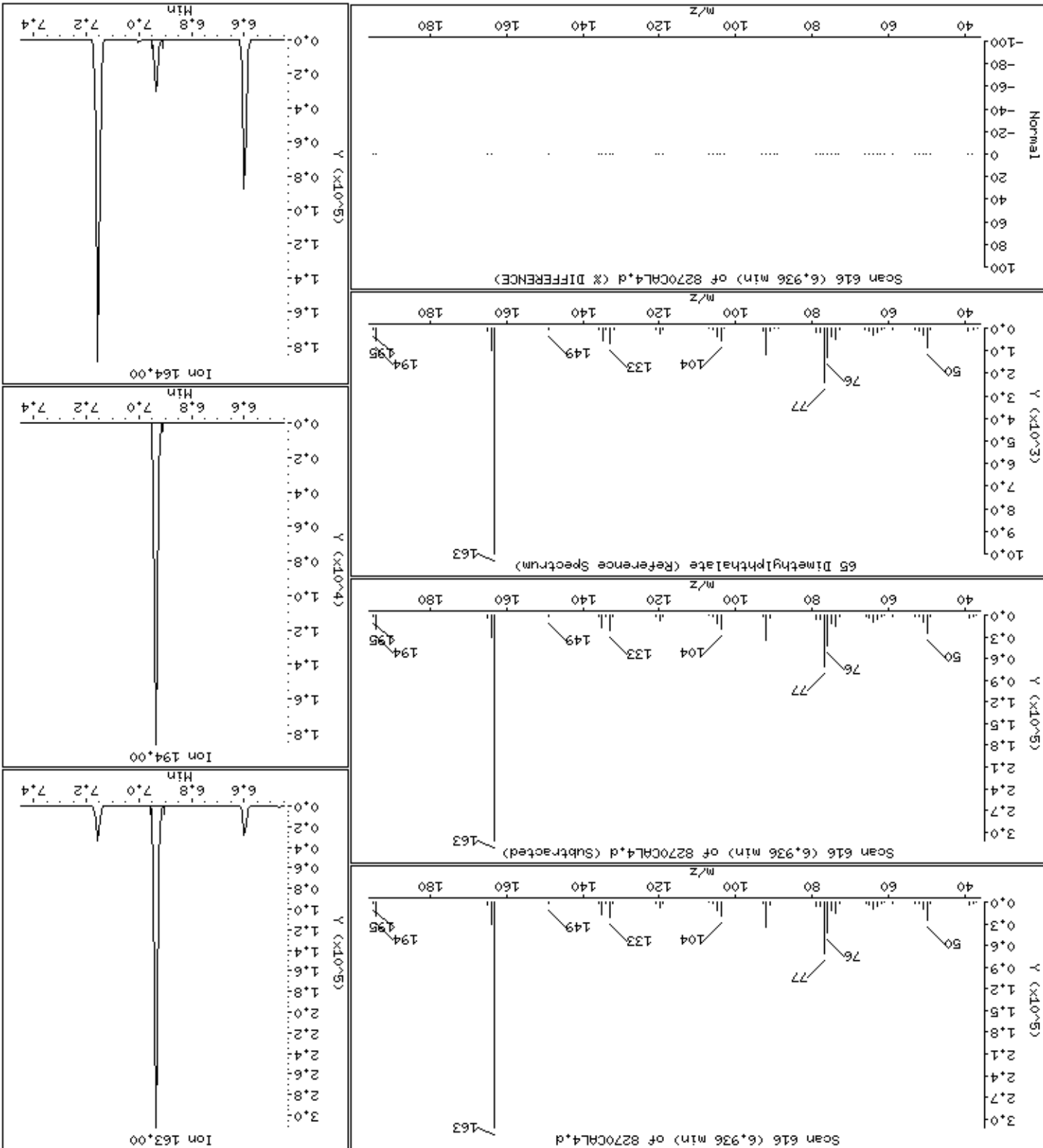
Date: 20-NOV-2012 16:30  
Client ID: 8270CAL4  
Sample Info: 4766  
Purge Volume: 1000.0  
Operator: MJ

Instrument: smsd04.1  
Column diameter: 0.25  
Concentration: 45.6 ug/l



Date : 20-NOV-2012 16:30  
Client ID: 8270CAL4  
Sample Info: 47766  
Purge Volume: 1000.0  
Column phase: HPMS-5  
Concentration: 46.8 ug/l

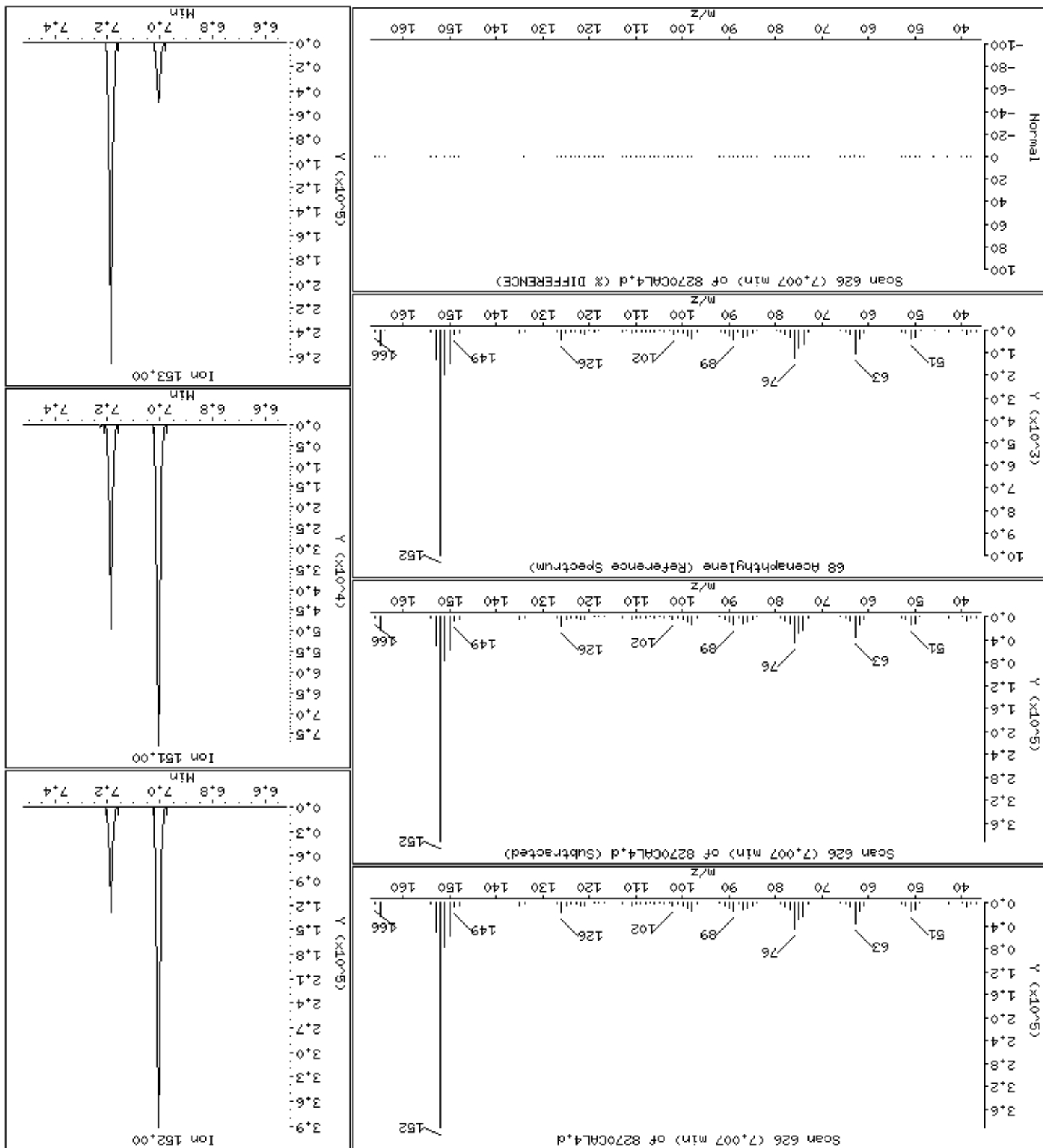
Instrument: smsd04.1  
Operator: MJ  
Column diameter: 0.25





Date : 20-NOV-2012 16:30  
Client ID: 8270CAL4  
Sample Info: 47766  
Purge Volume: 1000.0  
Column phase: HPMS-5

Instrument: smsd04.1  
Operator: MJ  
Column diameter: 0.25  
Concentration: 46.2 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

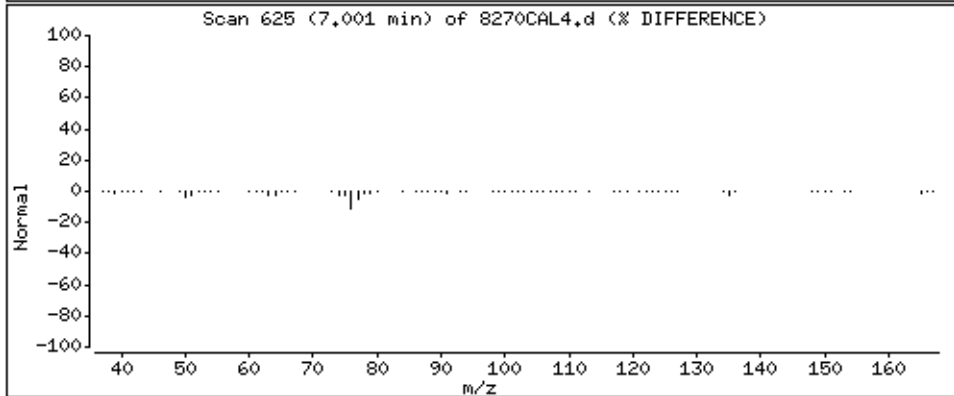
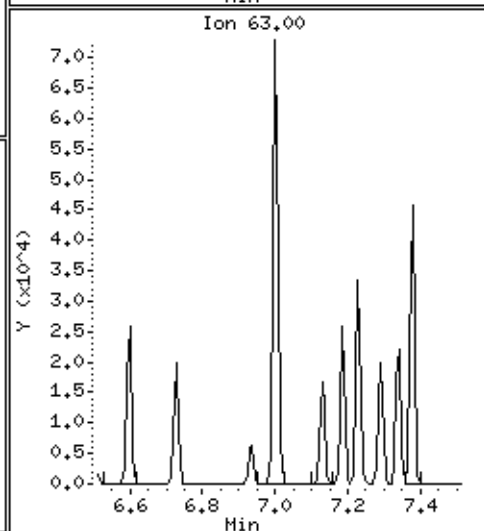
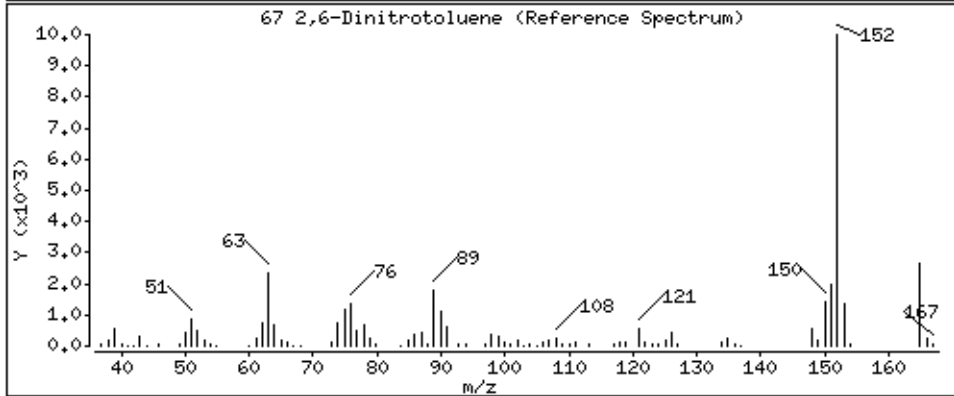
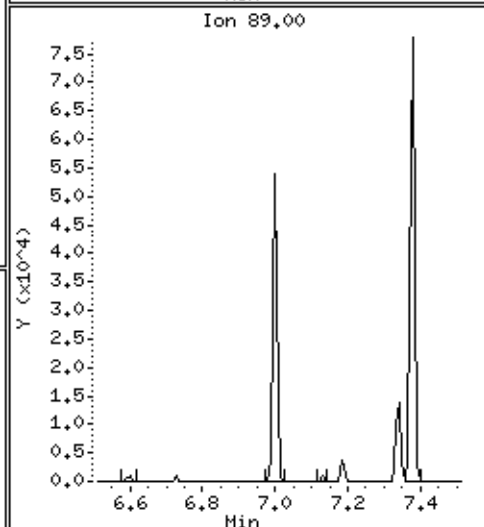
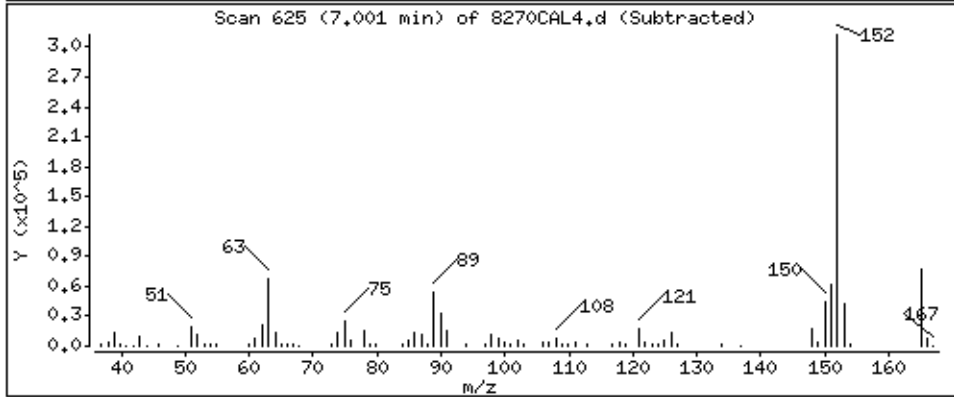
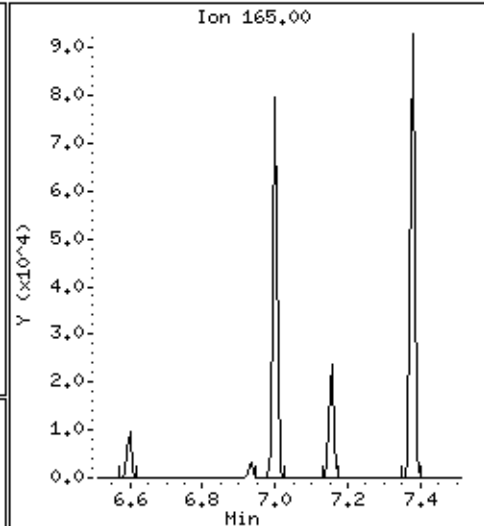
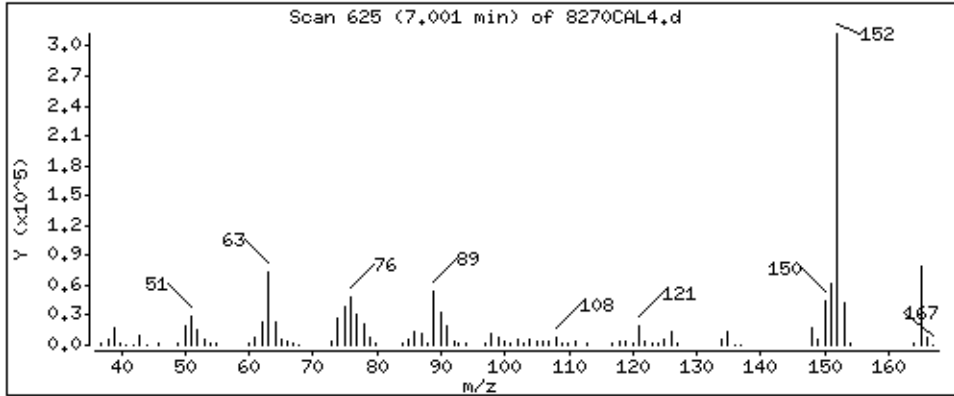
Operator: MJ

Column phase: HPHS-5

Column diameter: 0.25

67 2,6-Dinitrotoluene

Concentration: 47.1 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

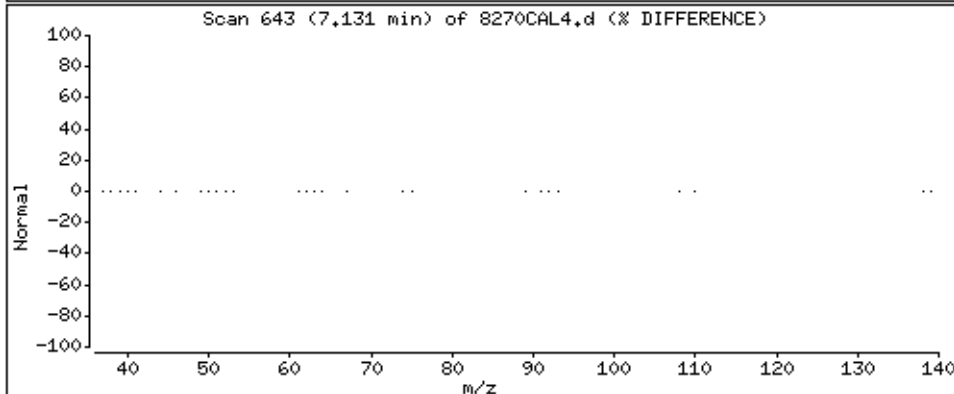
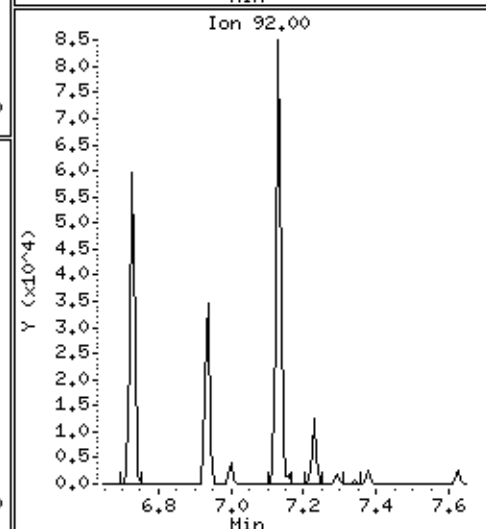
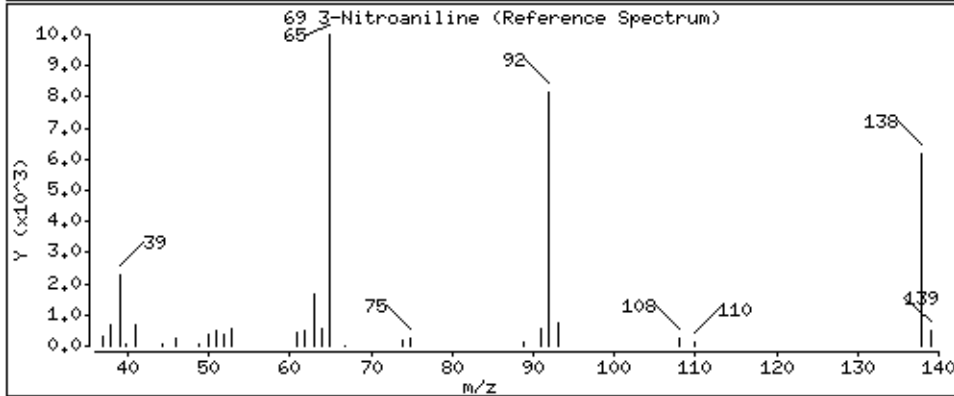
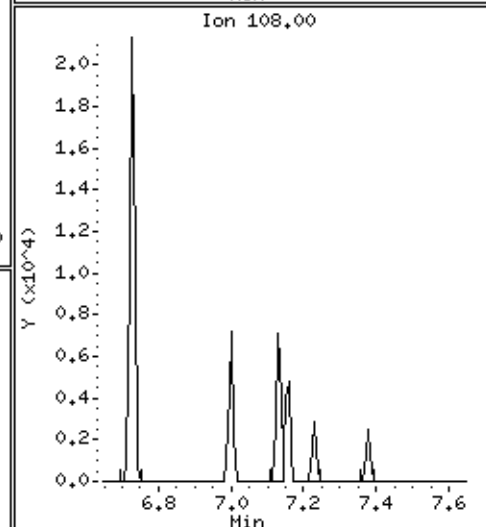
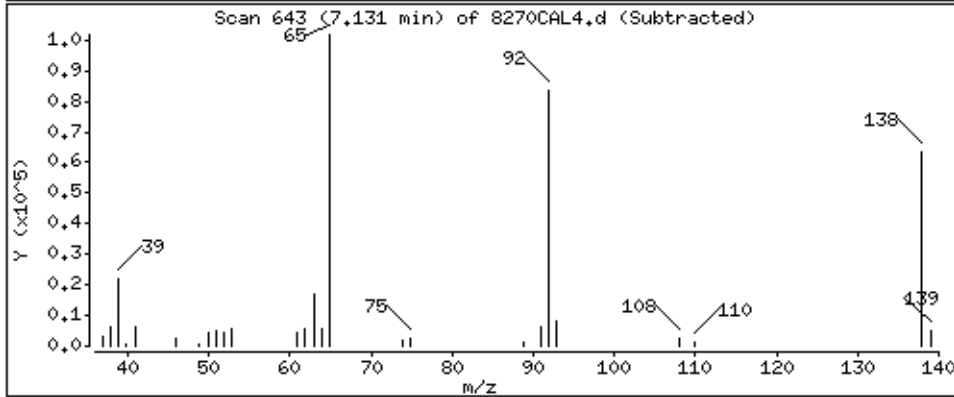
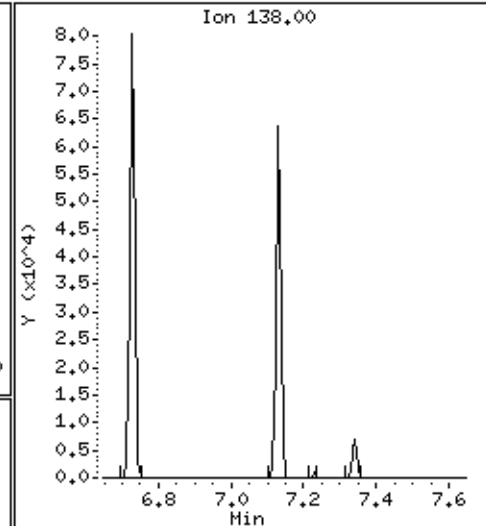
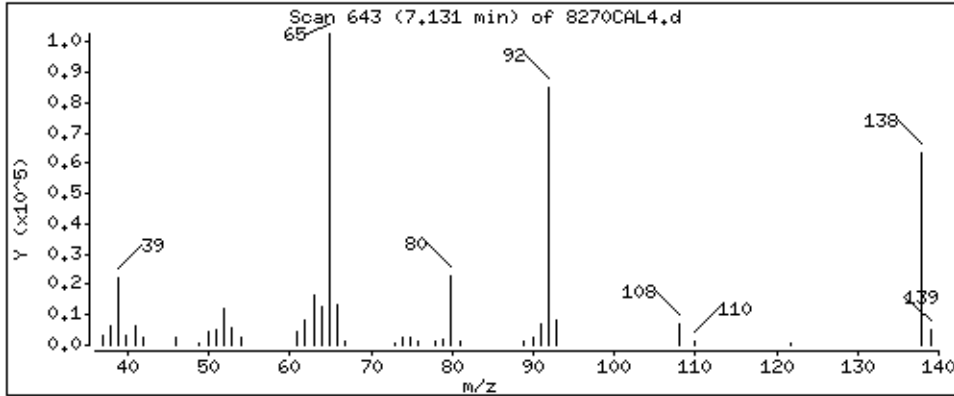
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

69 3-Nitroaniline

Concentration: 46,1 ug/l



Date: 20-NOV-2012 16:30

Client ID: 8270CAL4

Sample Info: 47766

Purge Volume: 1000.0

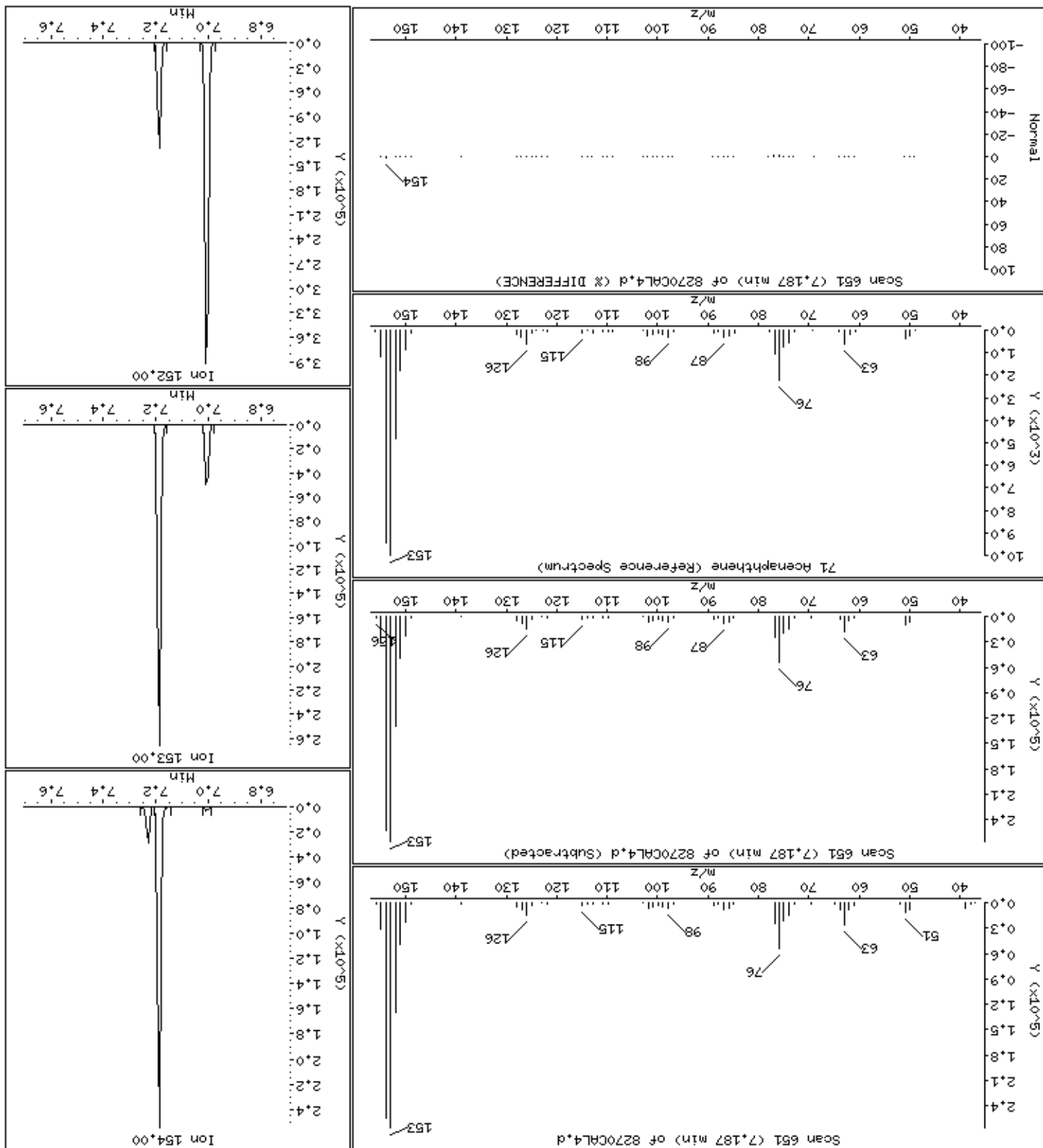
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

Instrument: smsd04.1

Concentration: 46.0 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

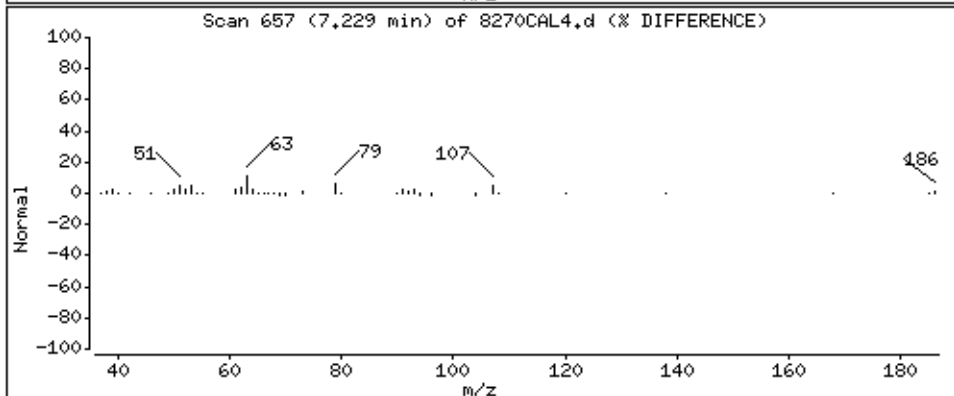
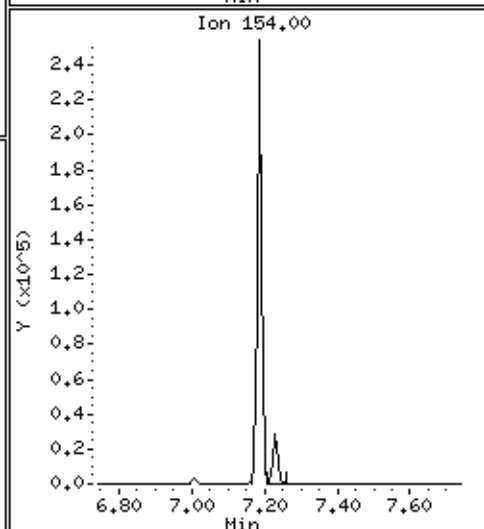
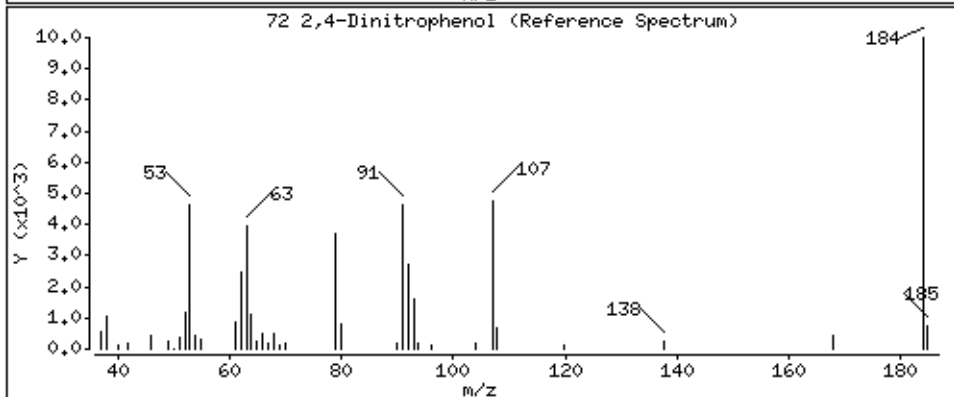
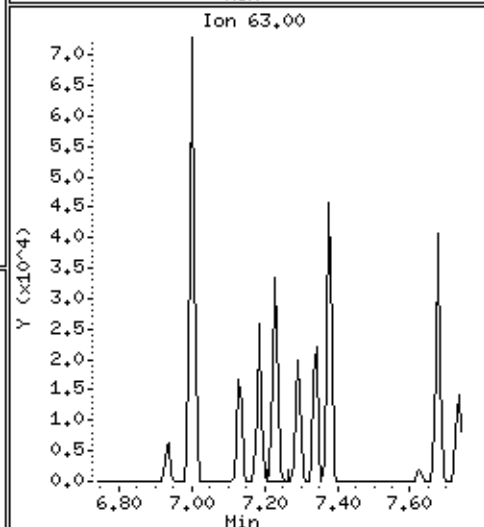
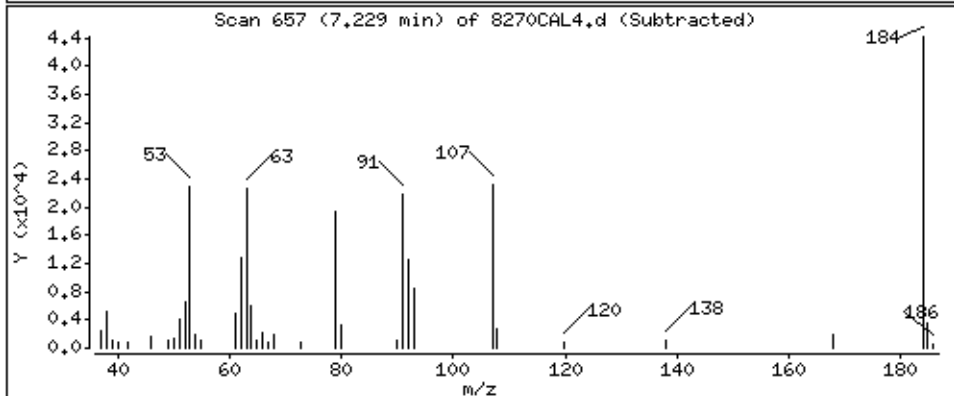
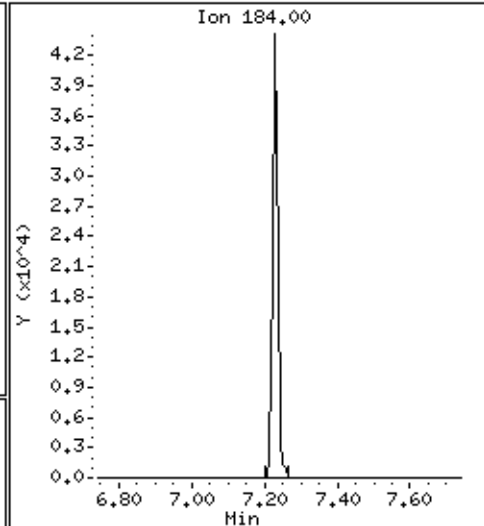
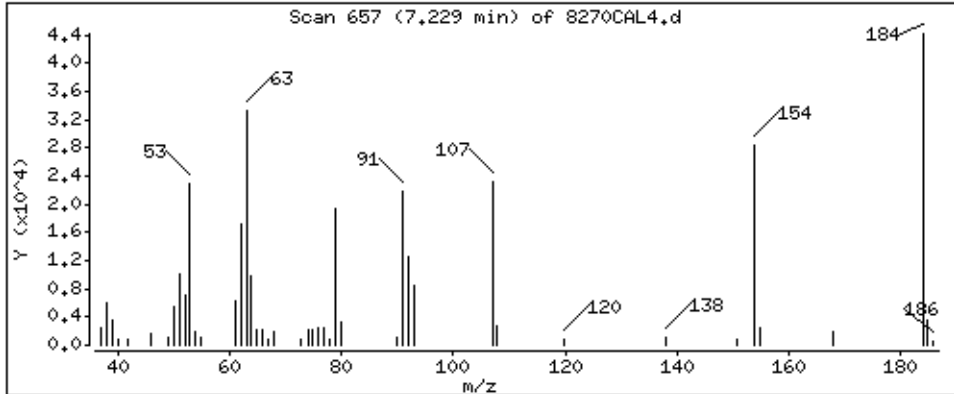
Operator: MJ

Column phase: HPHS-5

Column diameter: 0.25

72 2,4-Dinitrophenol

Concentration: 48.0 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

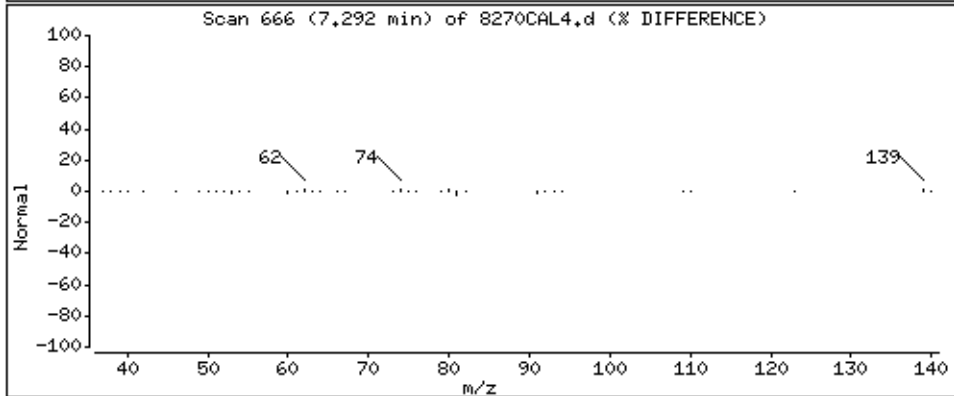
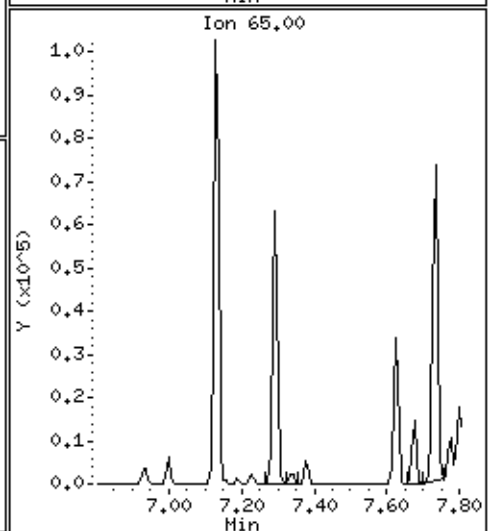
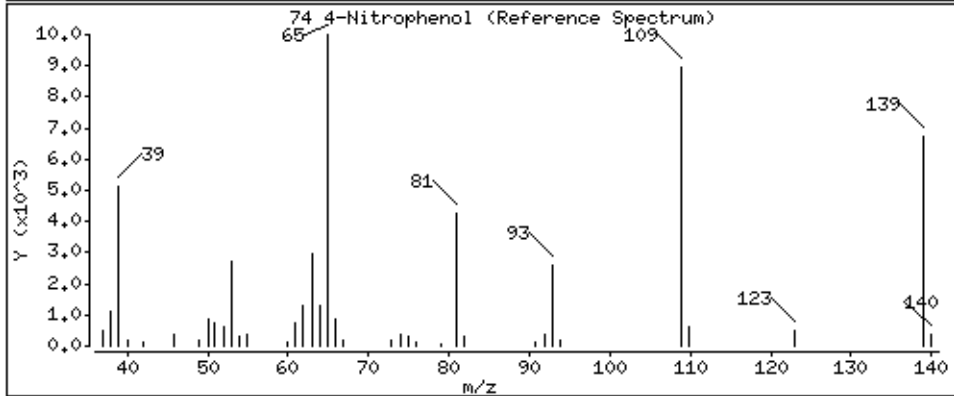
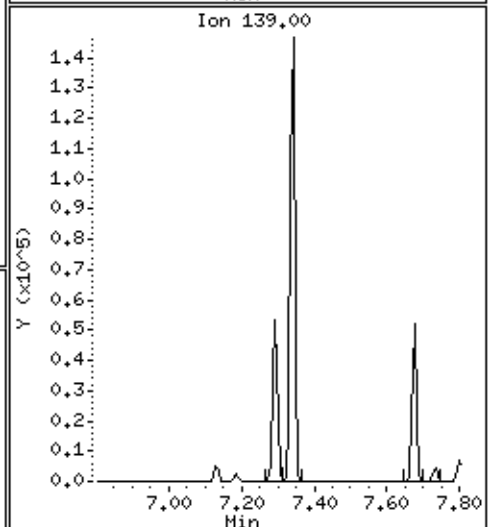
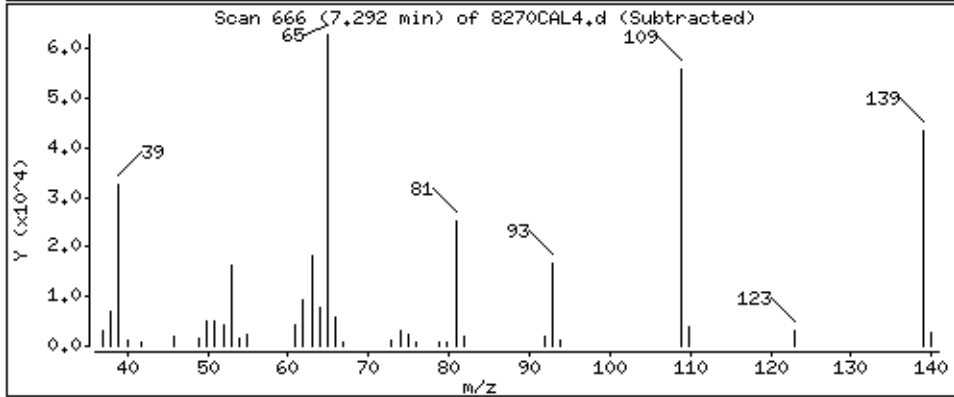
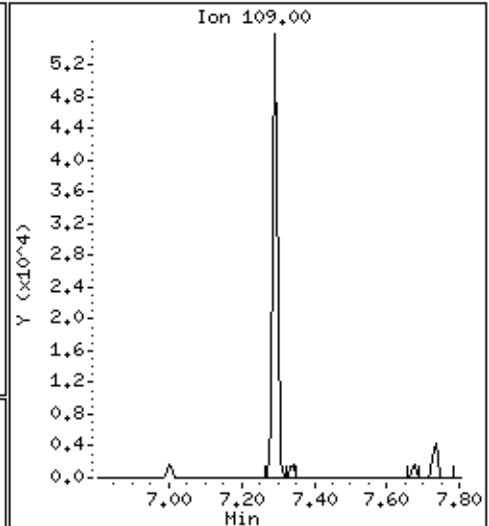
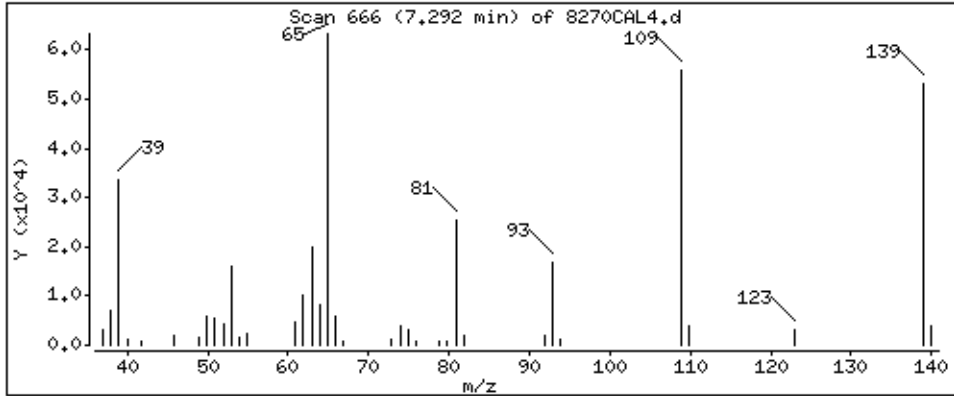
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

74 4-Nitrophenol

Concentration: 47.8 ug/l



Date: 20-NOV-2012 16:30

Client ID: 8270CAL4

Sample Info: 4766

Purge Volume: 1000.0

Operator: MJ

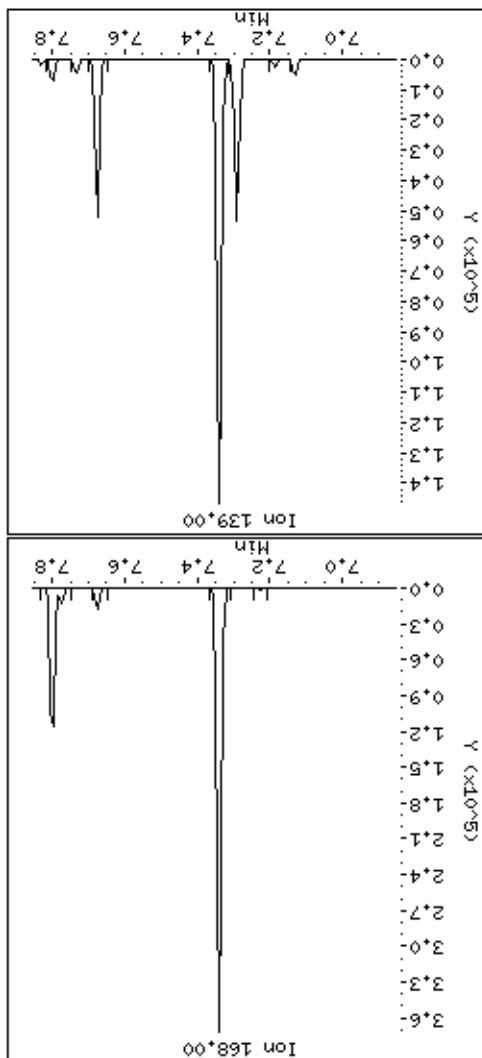
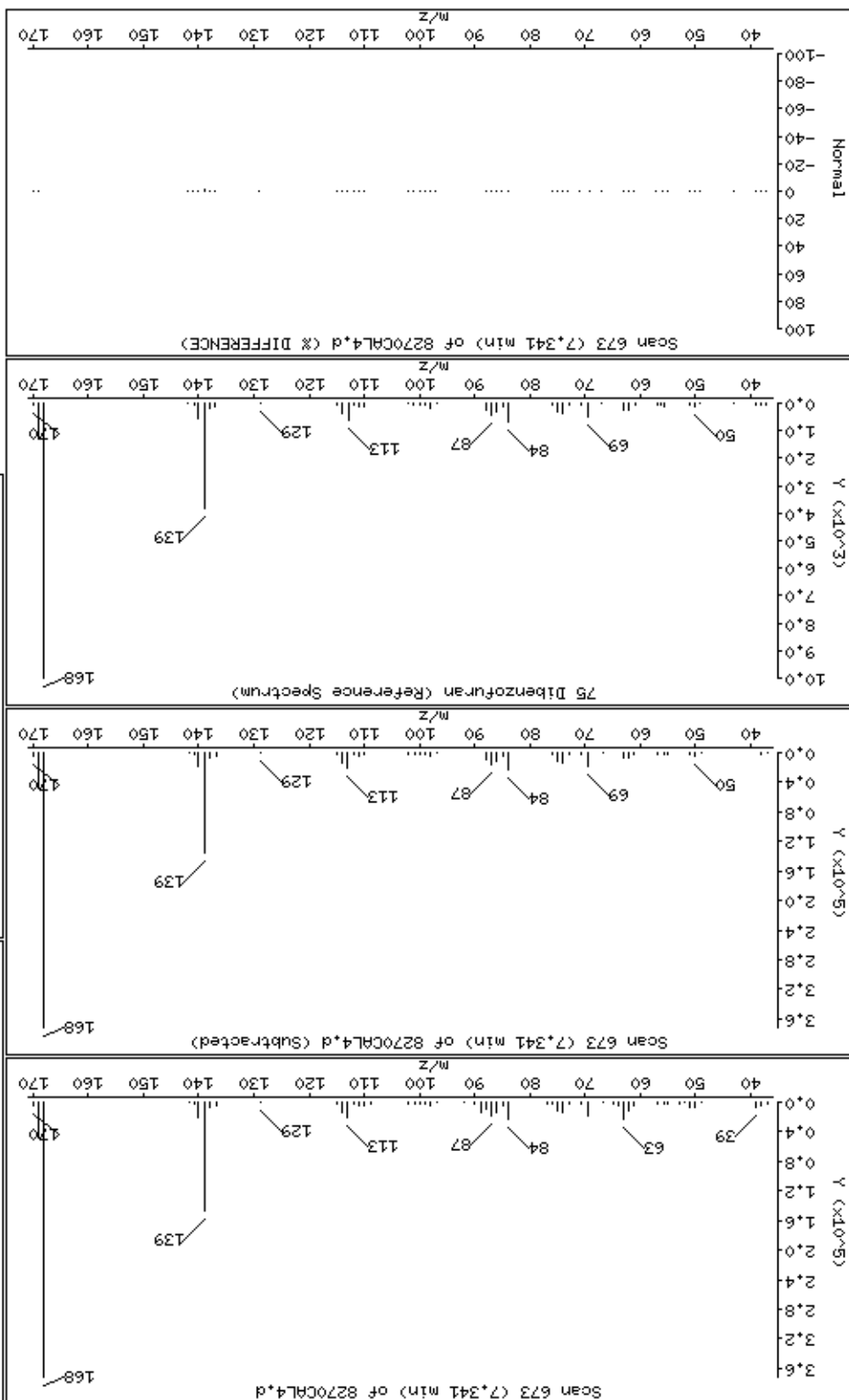
Column phase: HPMS-5

Column diameter: 0.25

Instrument: smsd04.1

Concentration: 45.9 ug/l

75 Dibenzo(a,h)anthracene



Date: 20-NOV-2012 16:30

Client ID: 8270CAL4

Sample Info: 4766

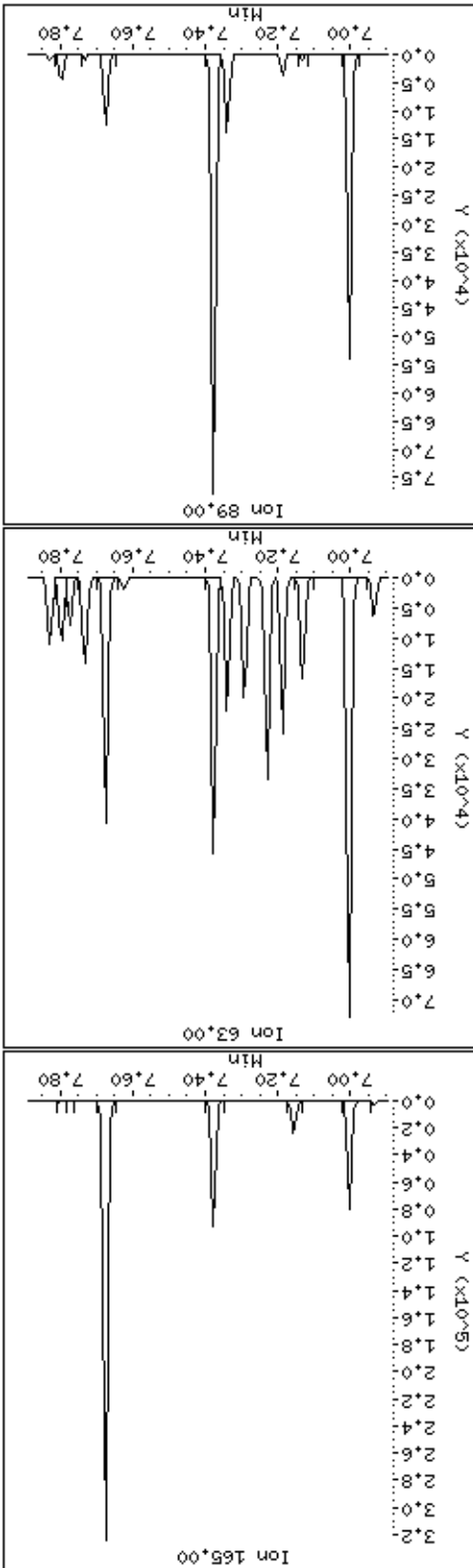
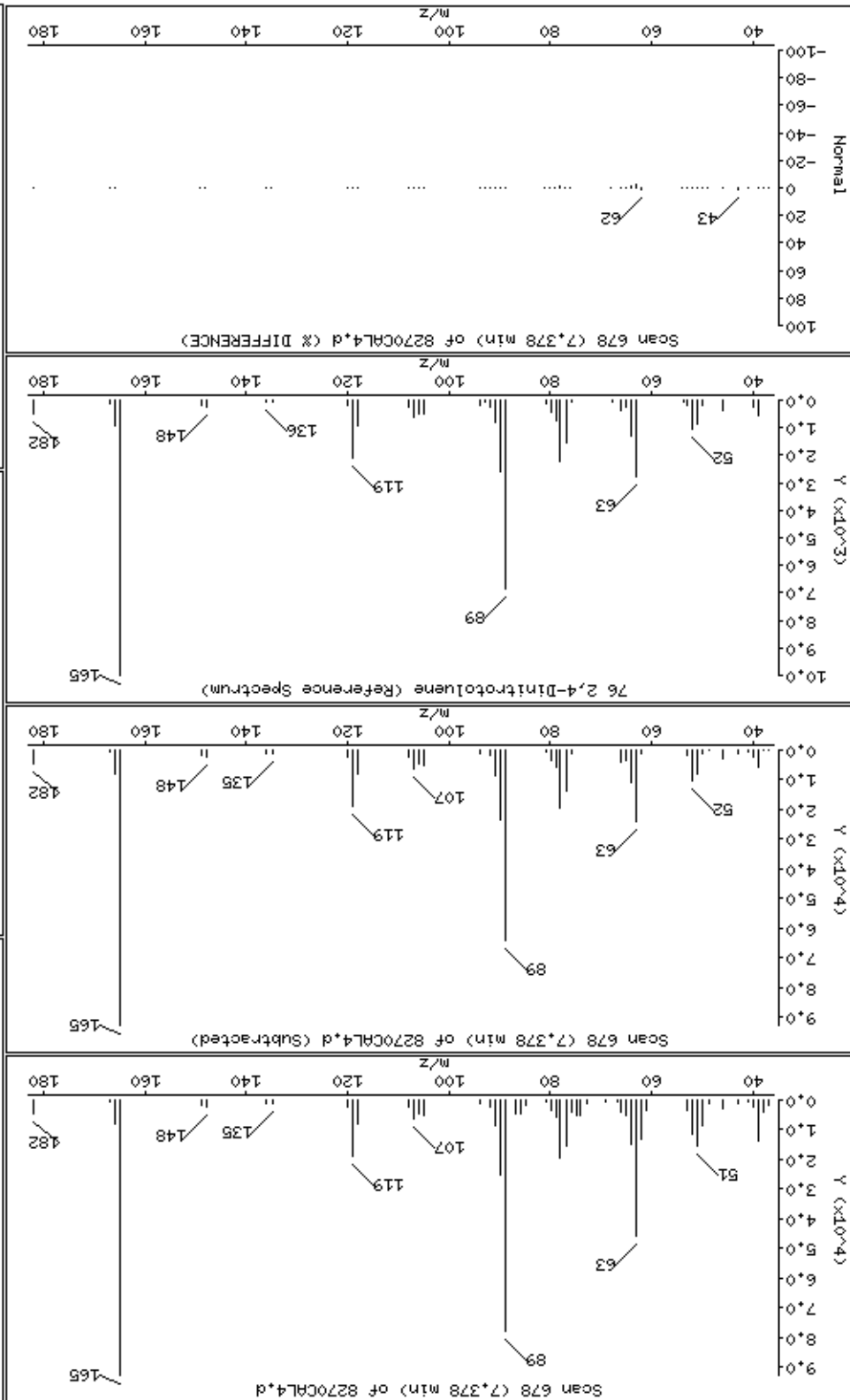
Purge Volume: 1000.0

Operator: MJ

Column diameter: 0.25

Concentration: 46.8 ug/l

Instrument: smsd04.1





Date: 20-NOV-2012 16:30

Client ID: 8270CRL4

Sample Info: 47766

Purge Volume: 1000.0

Column phase: HPMS-5

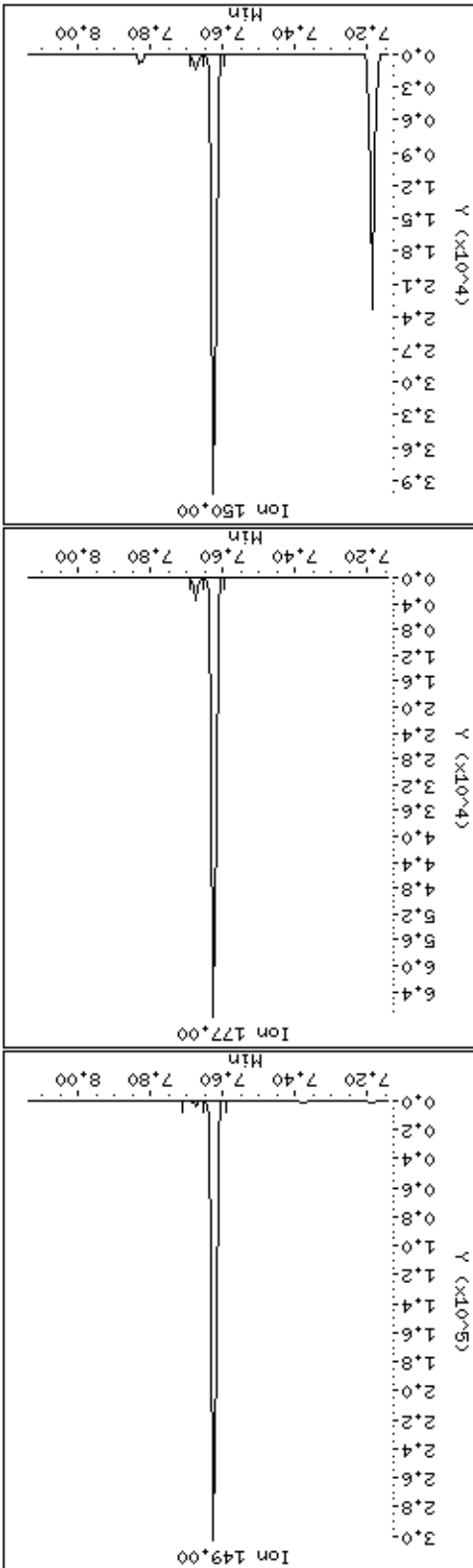
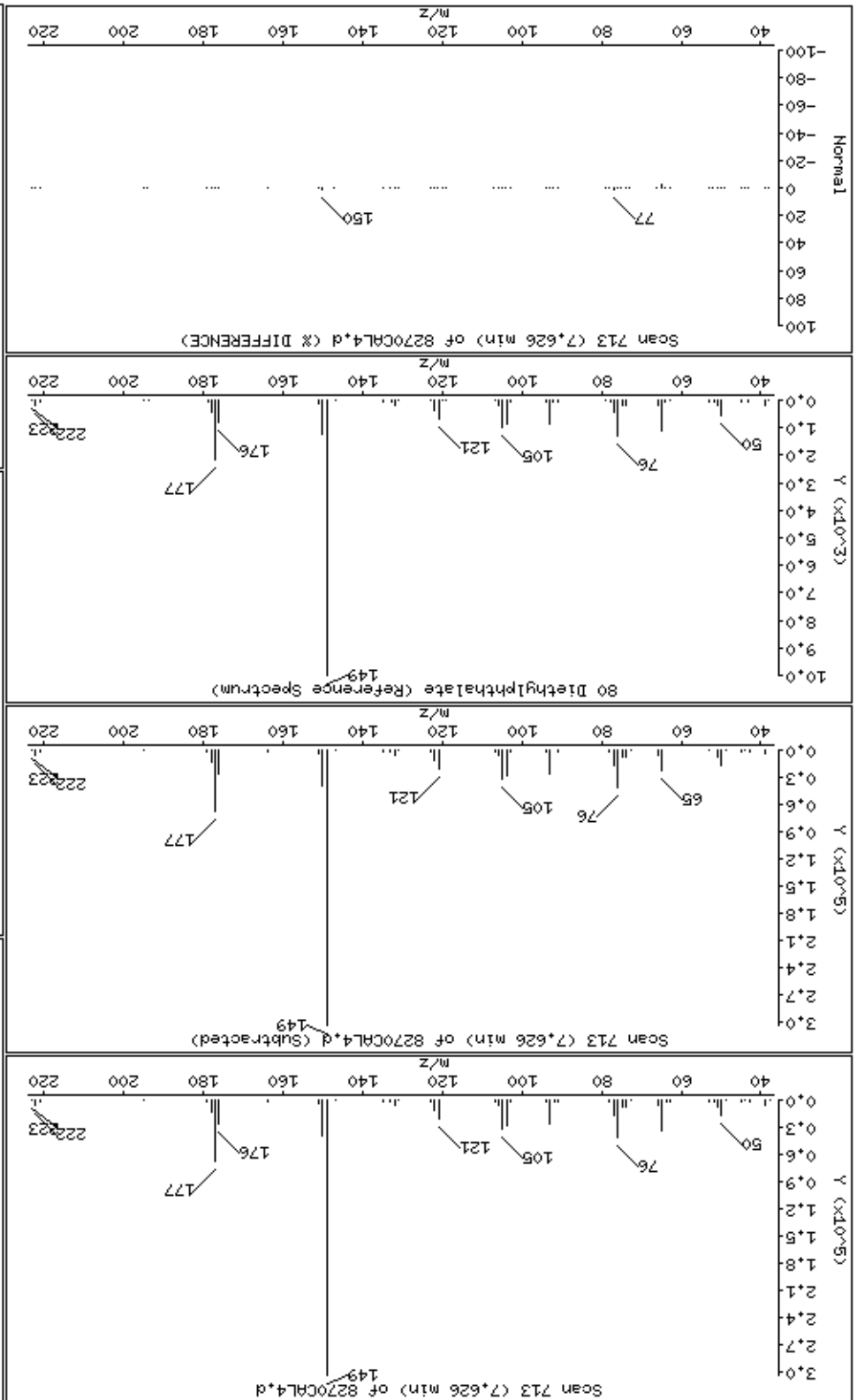
Concentration: 45.7 ug/l

Operator: MJ

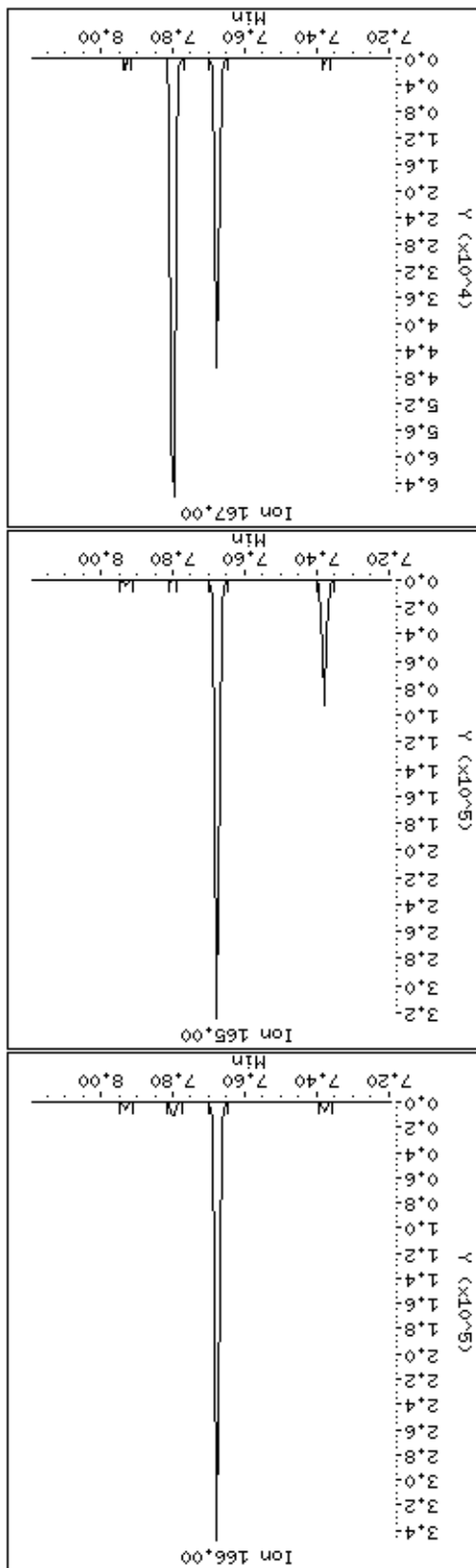
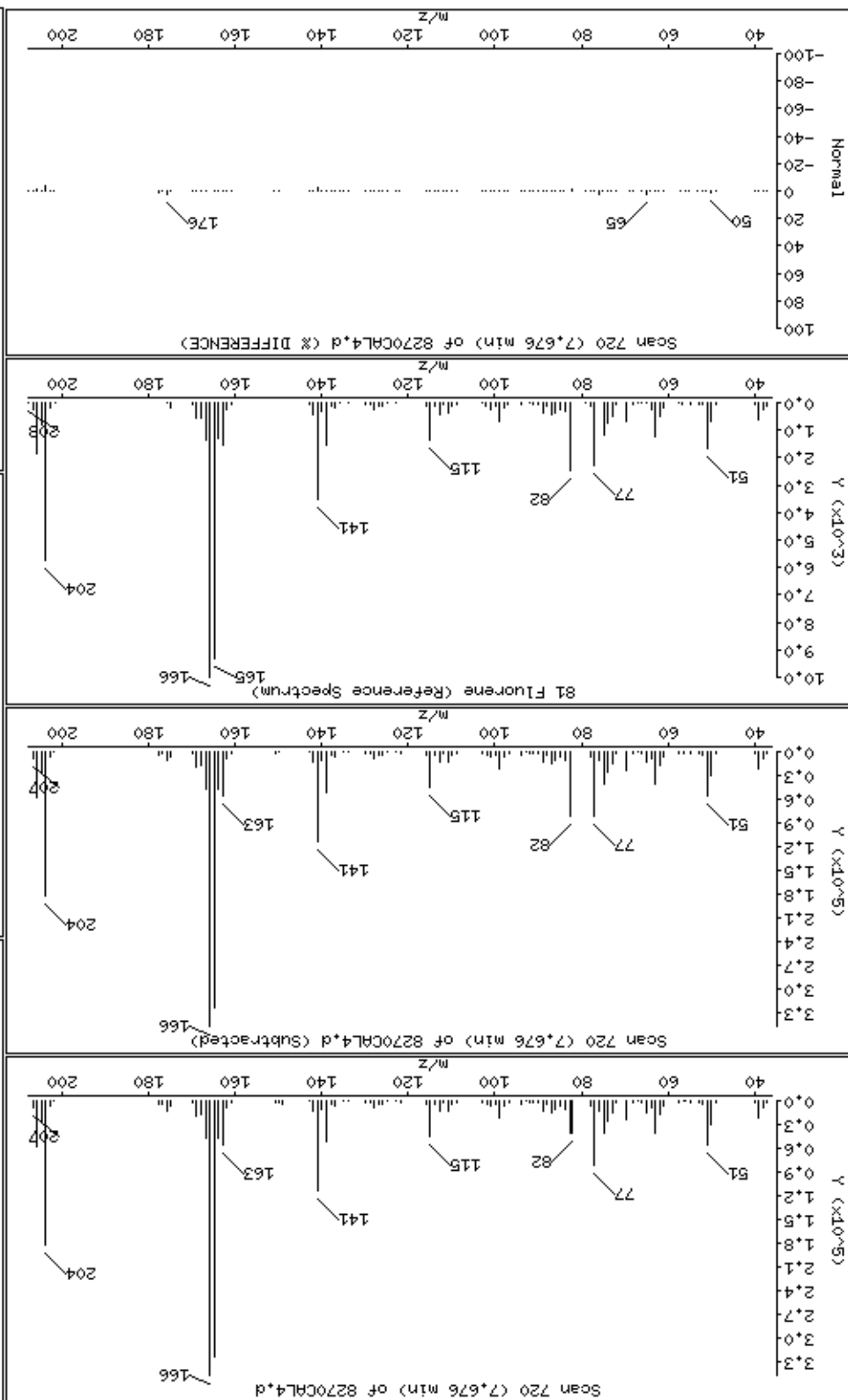
Column diameter: 0.25

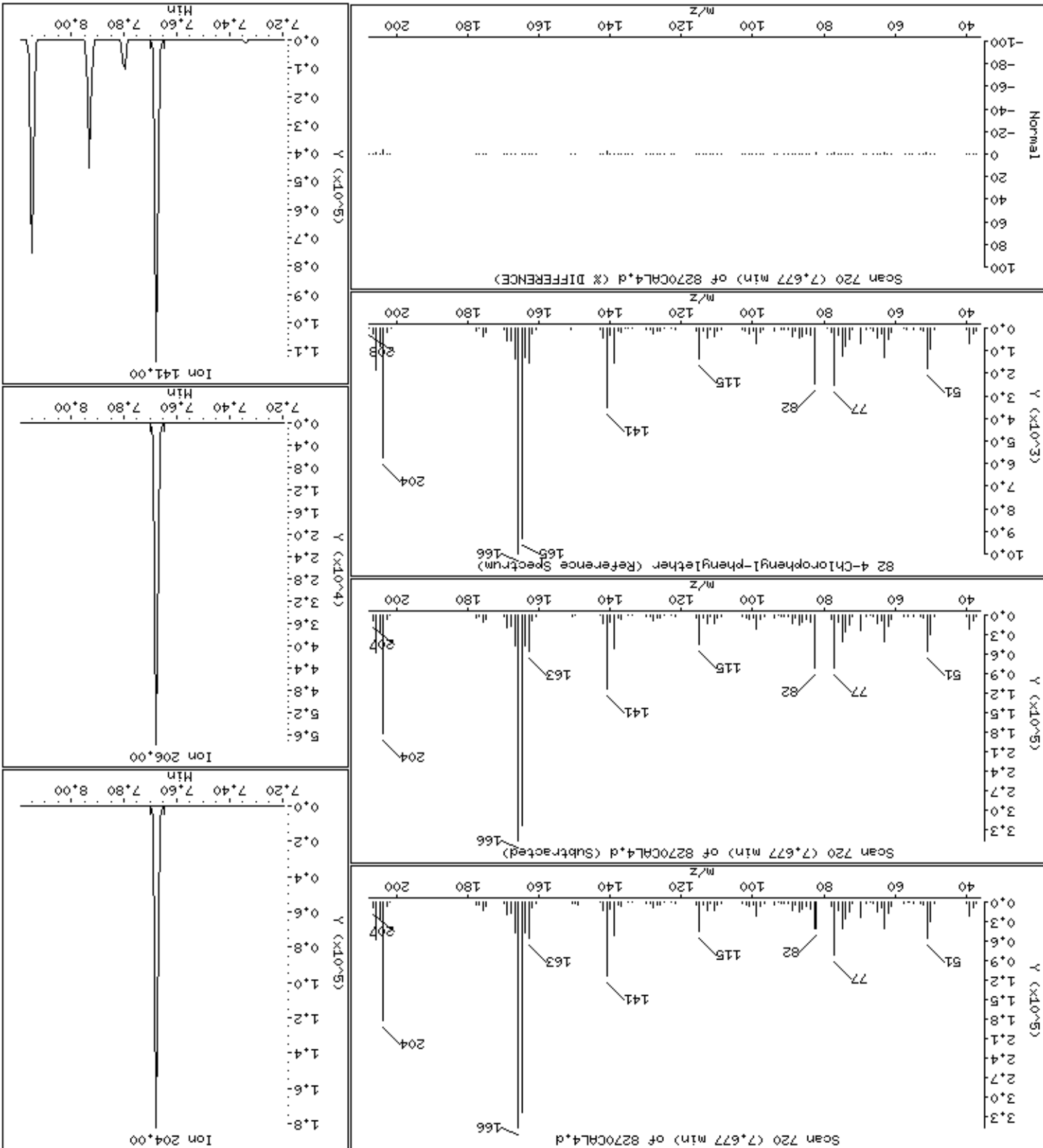
Instrument: smsd04.1

80 Diethylphthalate



81 Fluorene





Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

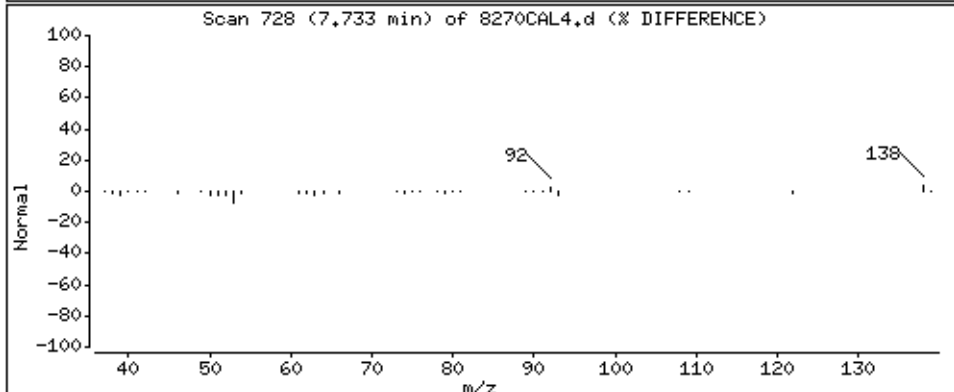
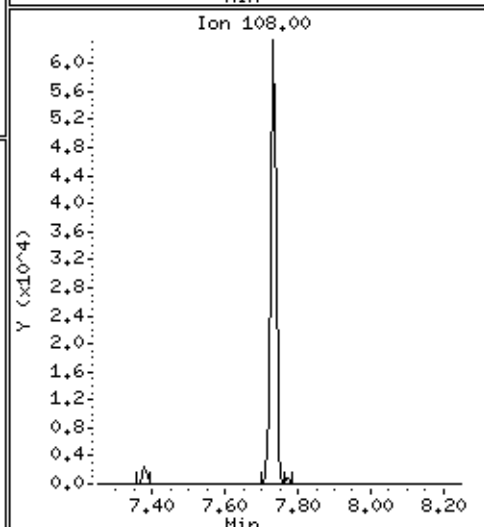
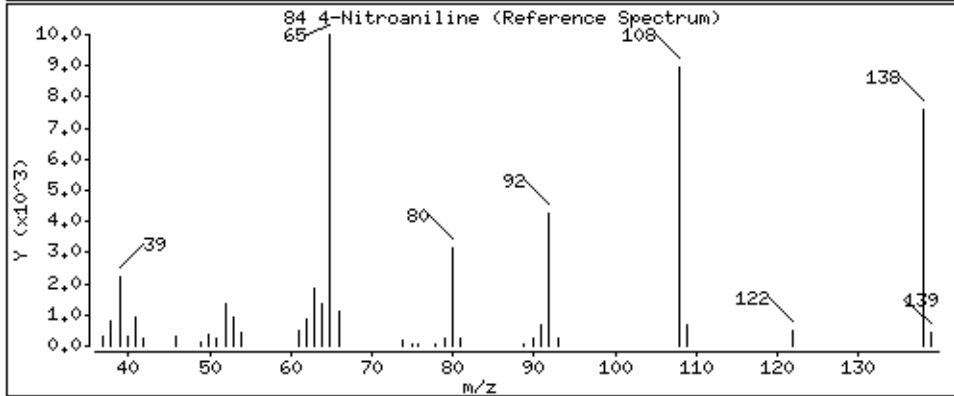
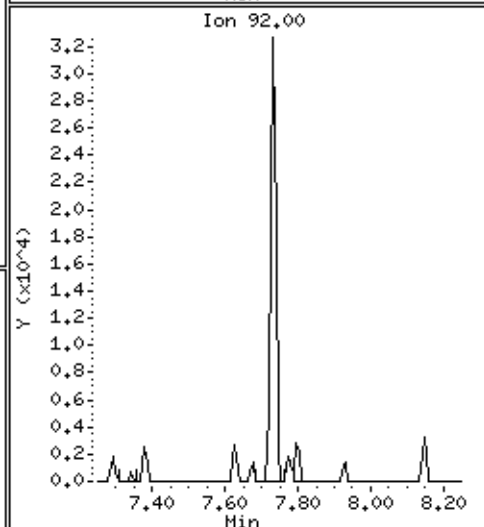
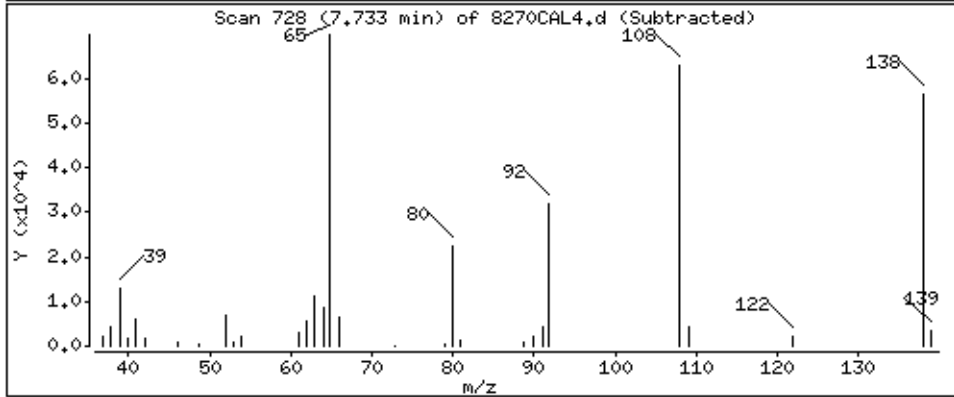
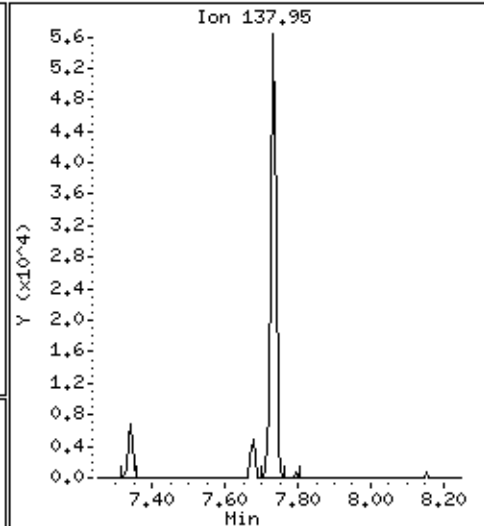
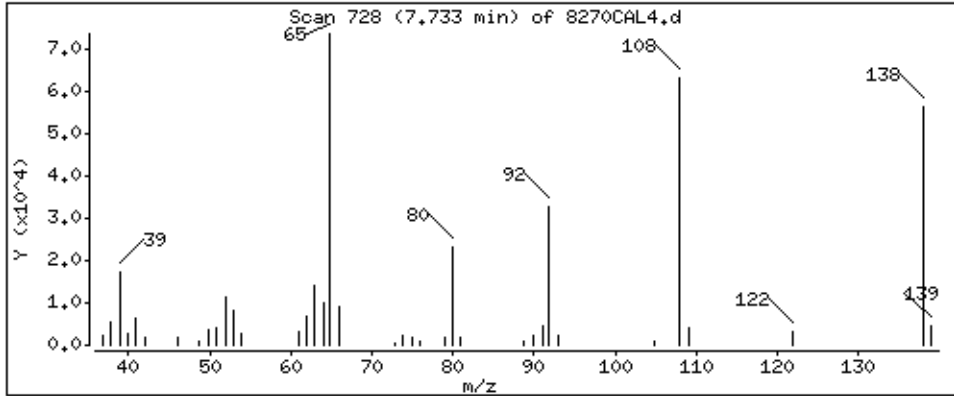
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

84 4-Nitroaniline

Concentration: 48.1 ug/l



Date: 20-NOV-2012 16:30

Client ID: 8270CAL4

Sample Info: 47766

Purge Volume: 1000.0

Operator: MJ

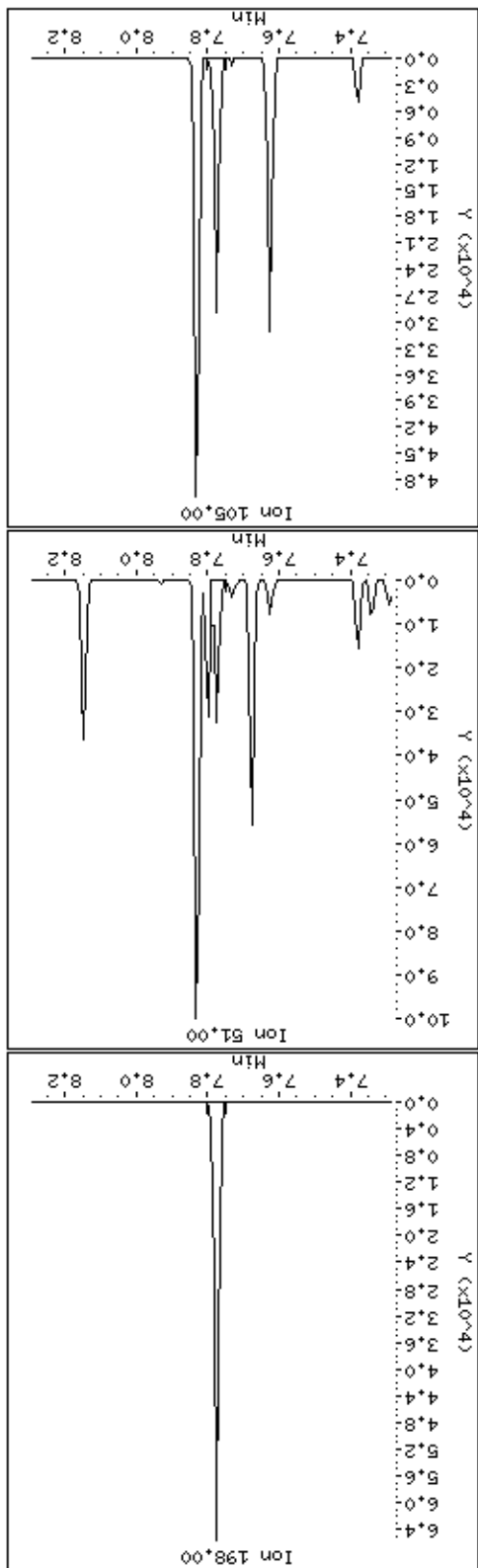
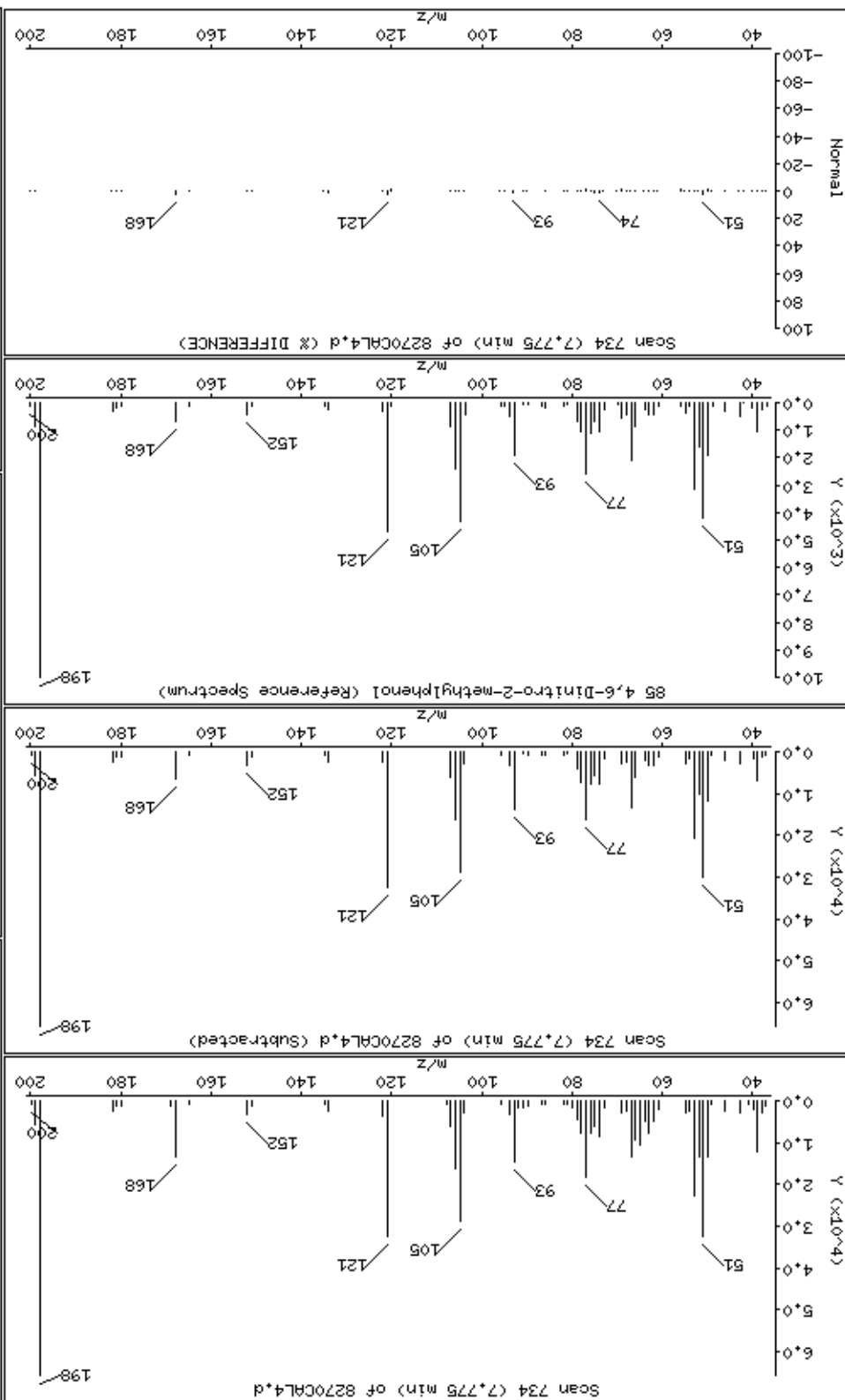
Column phase: HPMS-5

Column diameter: 0.25

Instrument: smsd04.1

Concentration: 48.8 ug/l

85 4,6-Dinitro-2-methylphenol



Date: 20-NOV-2012 16:30

Client ID: 8270CAL4

Sample Info: 47766

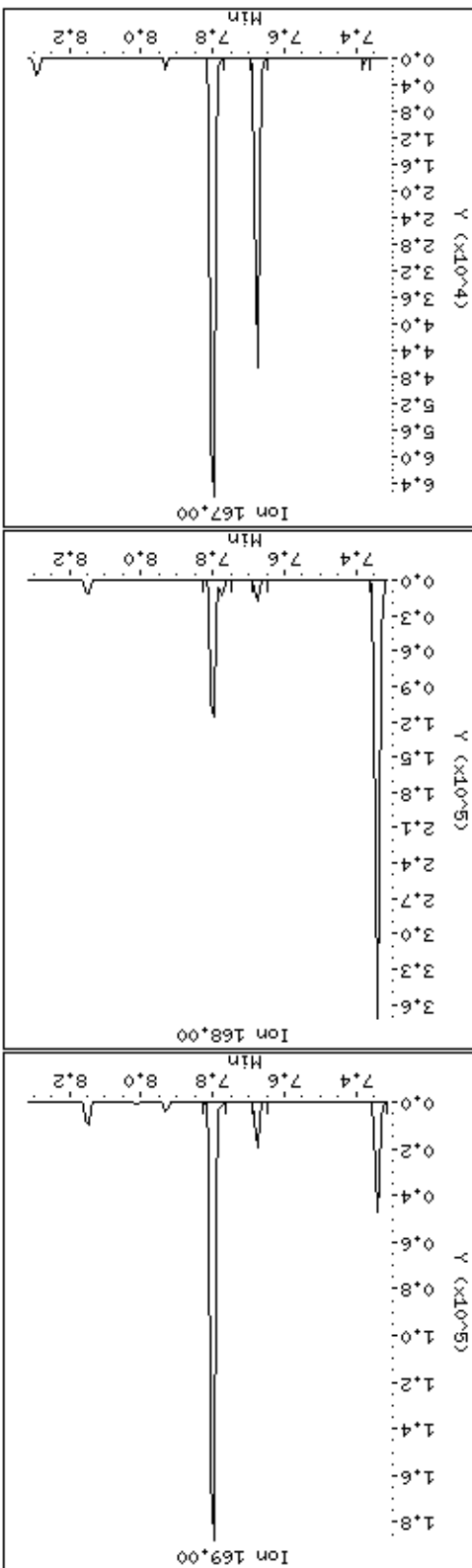
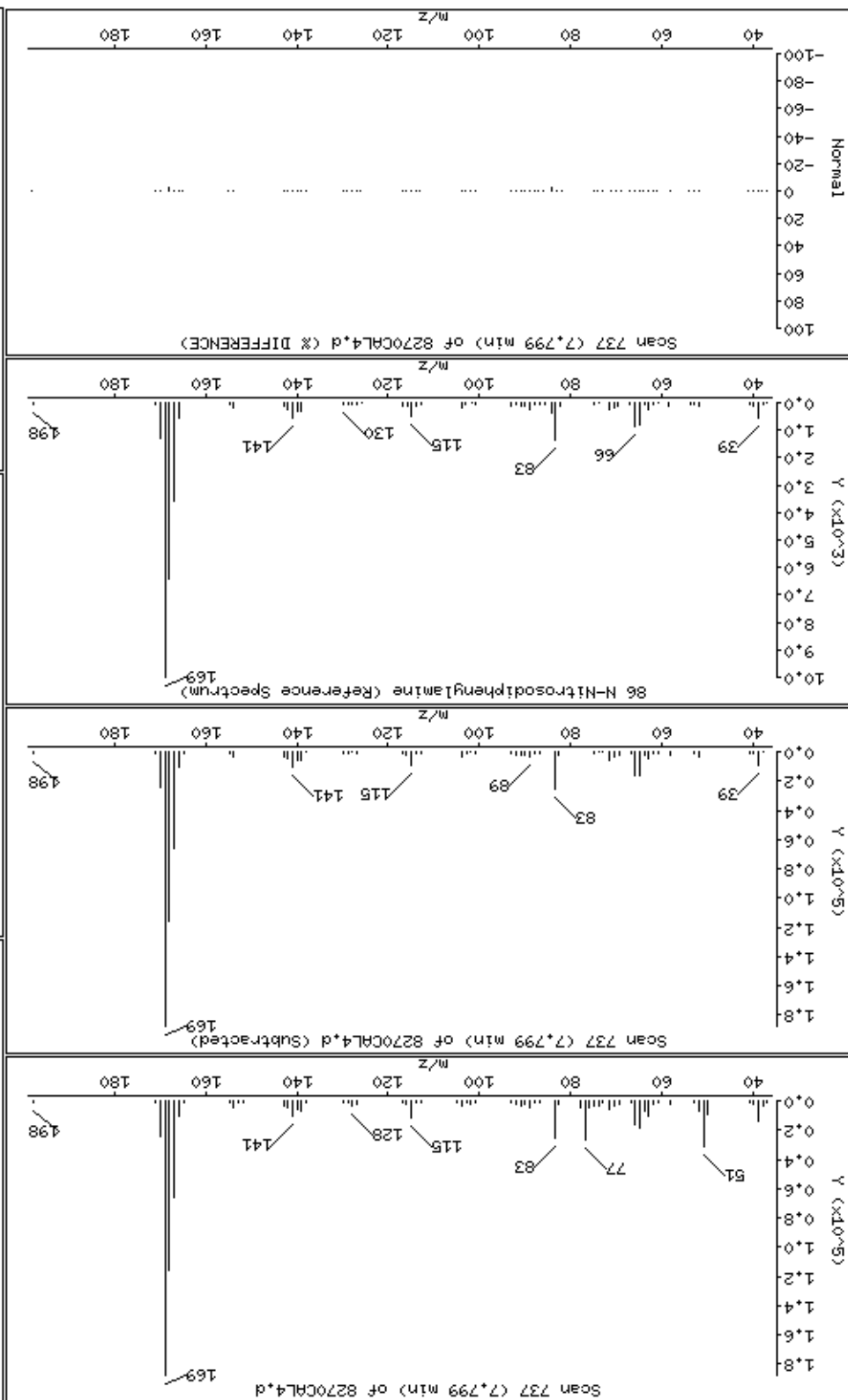
Purge Volume: 1000.0

Operator: MJ

Column phase: HPMS-5

Concentration: 44.9 ug/l

86 N-Nitrosodiphenylamine



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

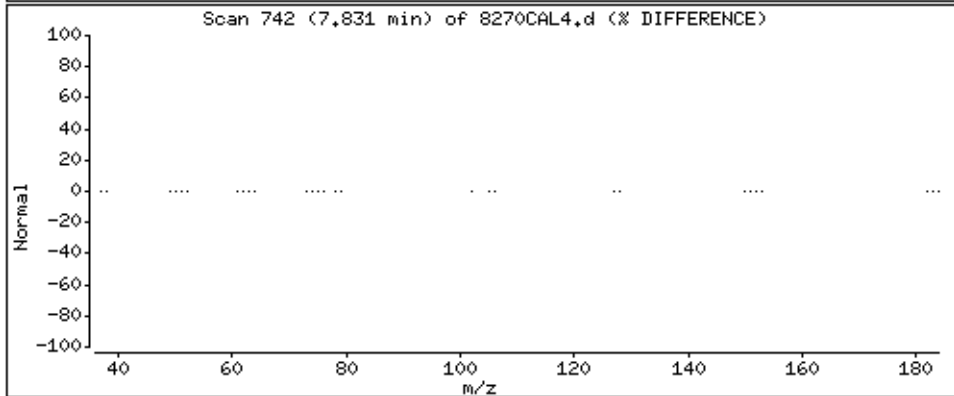
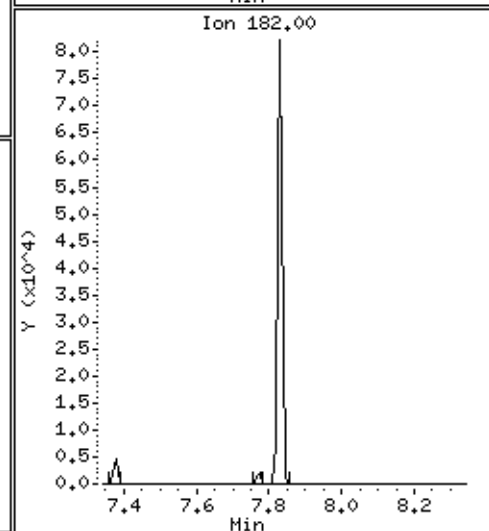
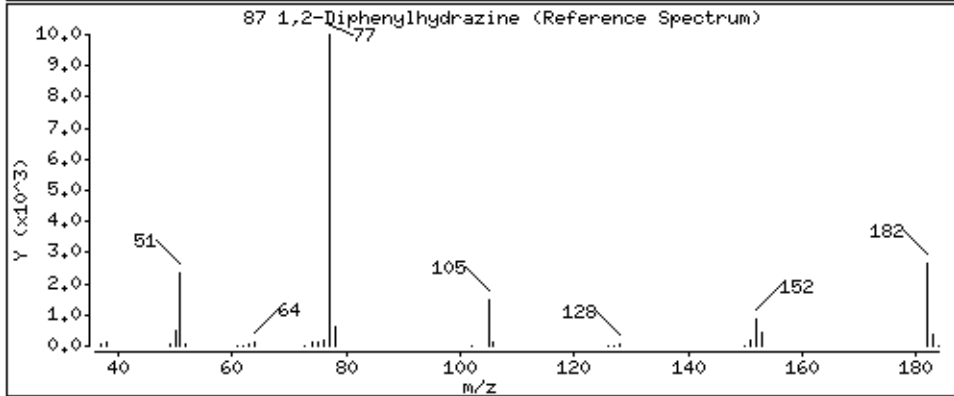
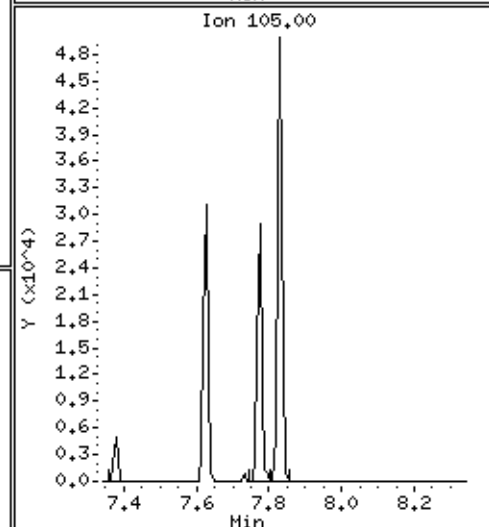
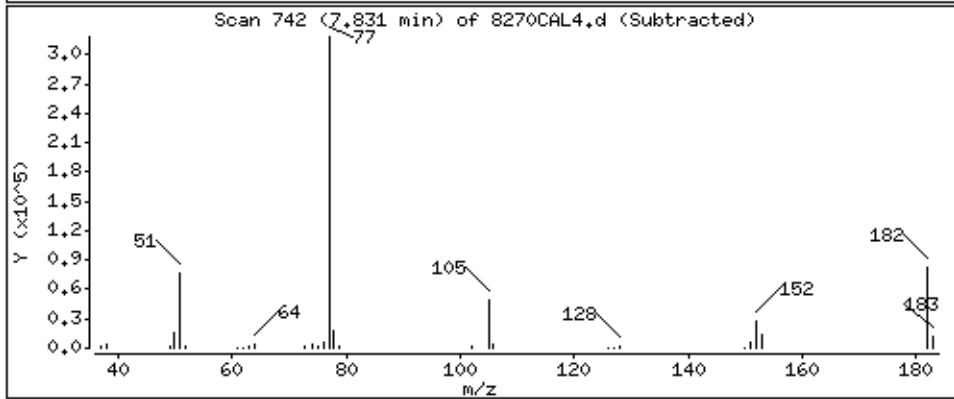
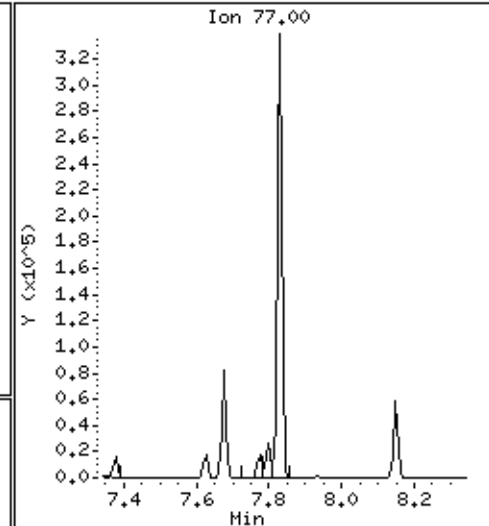
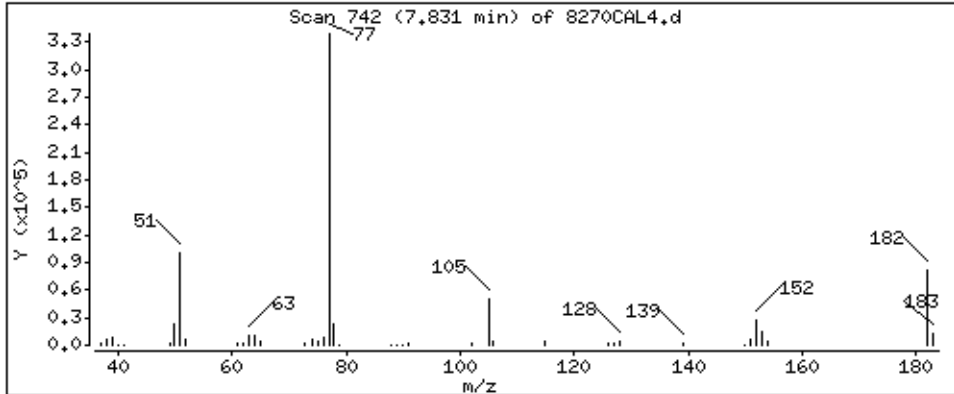
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

87 1,2-Diphenylhydrazine

Concentration: 44.0 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

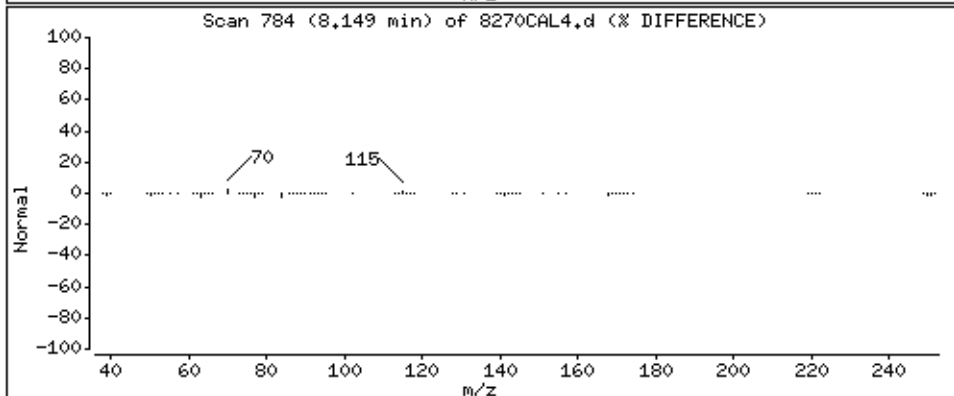
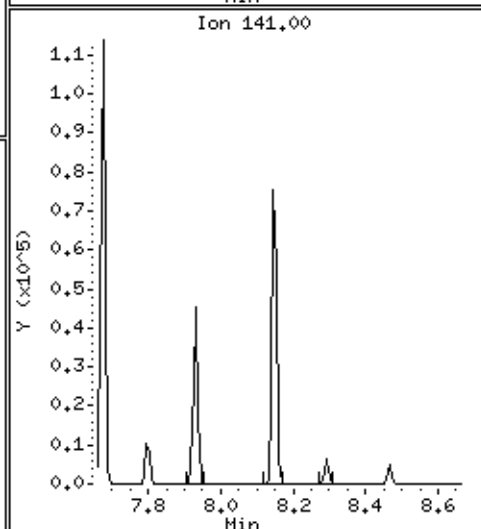
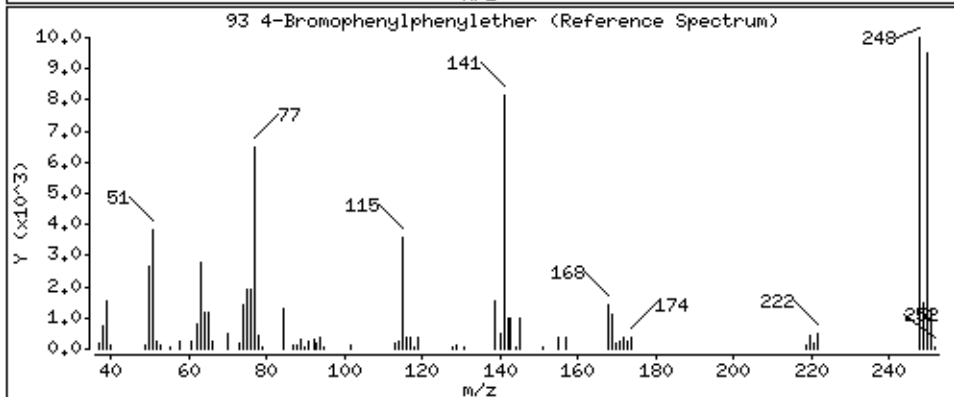
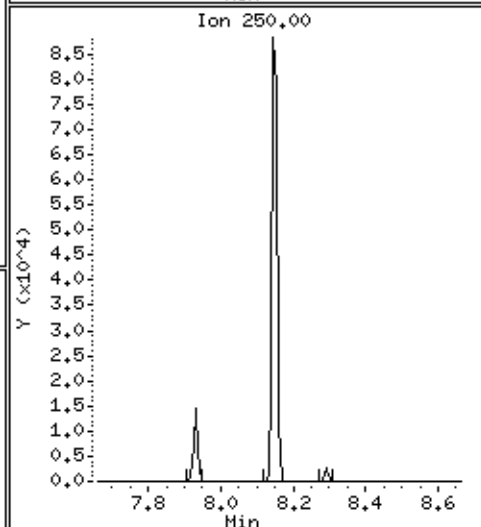
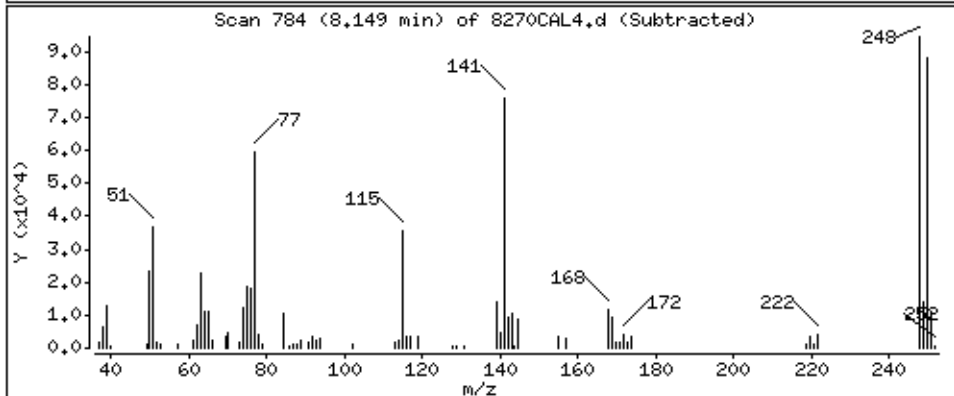
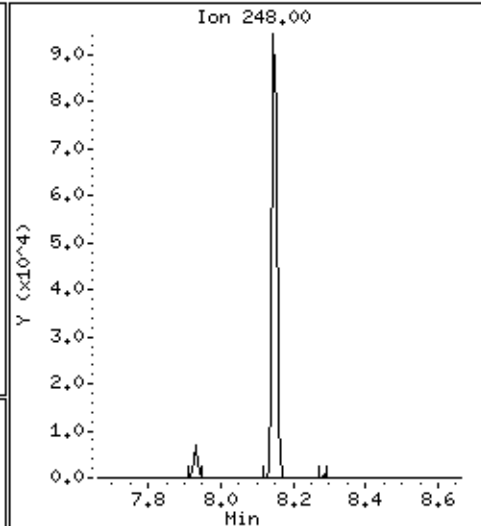
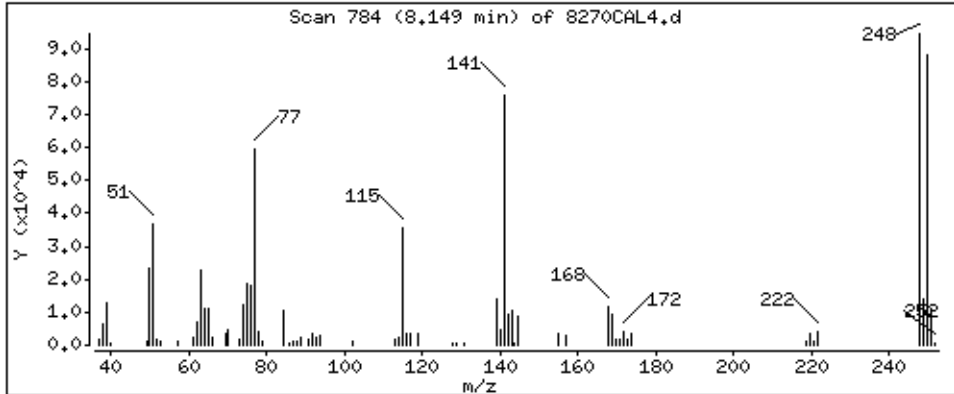
Operator: MJ

Column phase: HPMS-5

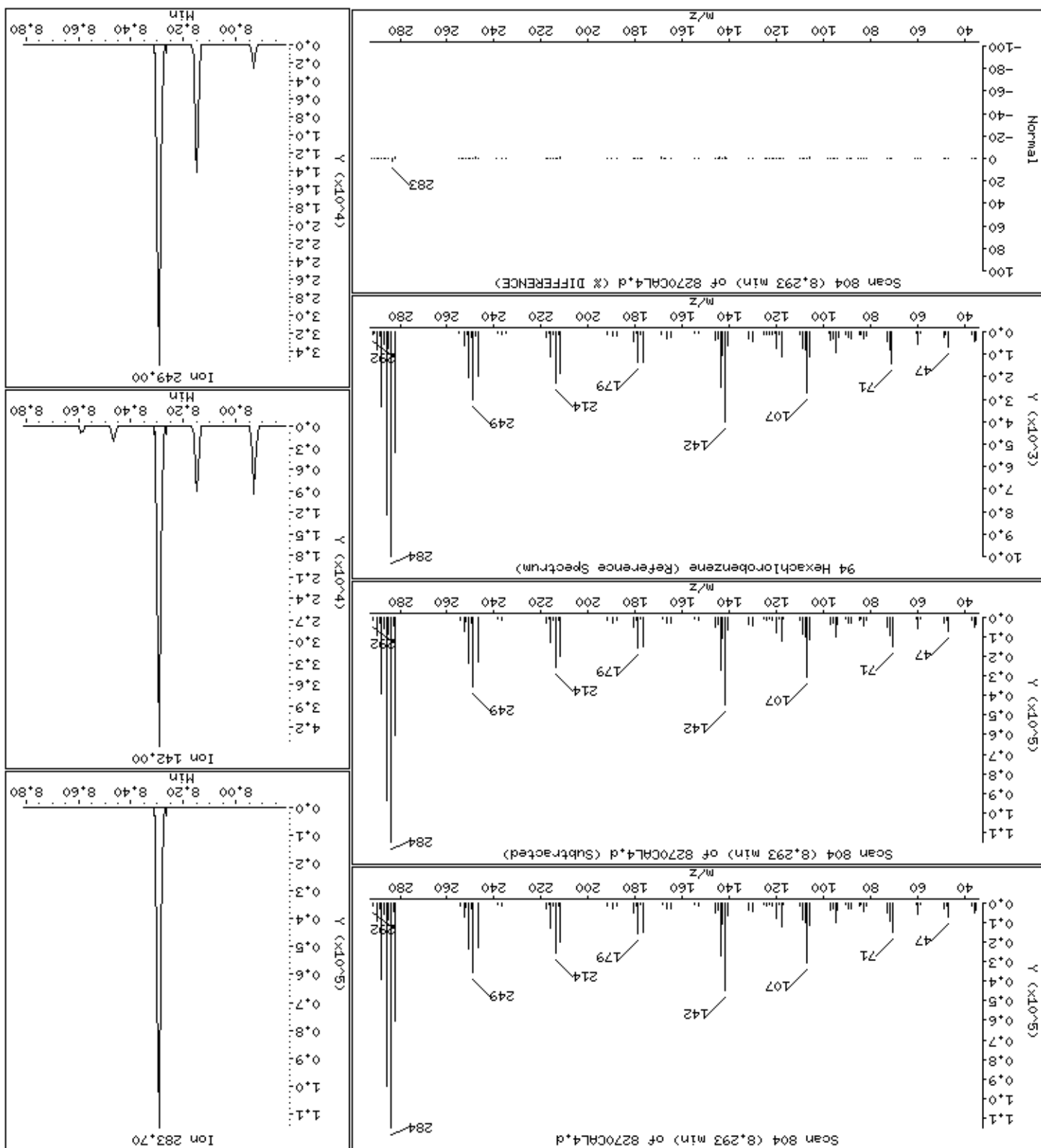
Column diameter: 0.25

93 4-Bromophenylphenylether

Concentration: 46.6 ug/l

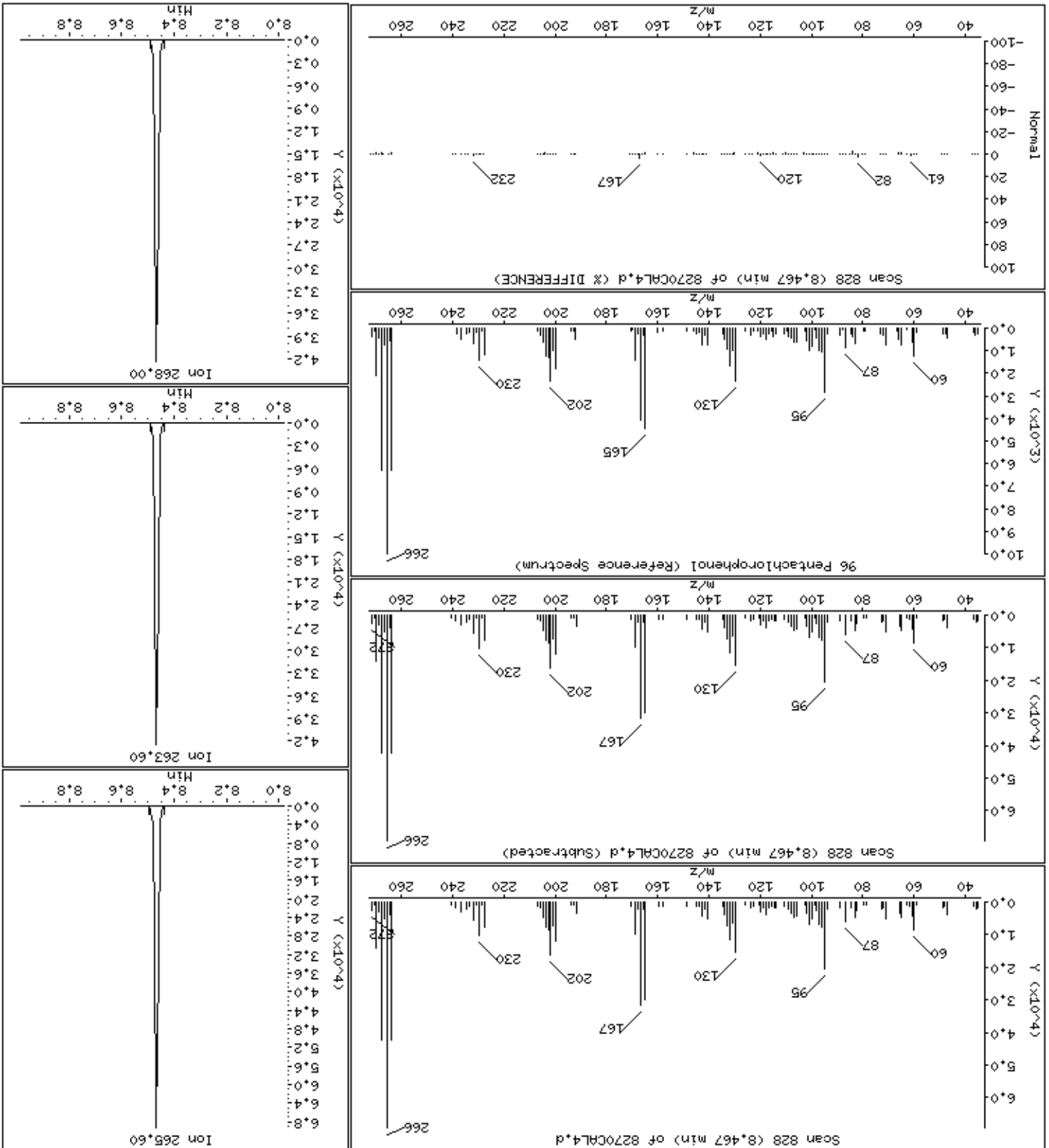






Date: 20-NOV-2012 16:30  
Client ID: 8270CAL4  
Sample Info: 47766  
Purge Volume: 1000.0  
Column phase: HPMS-5

Instrument: smsd04.1  
Operator: MJ  
Column diameter: 0.25  
Concentration: 43.4 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

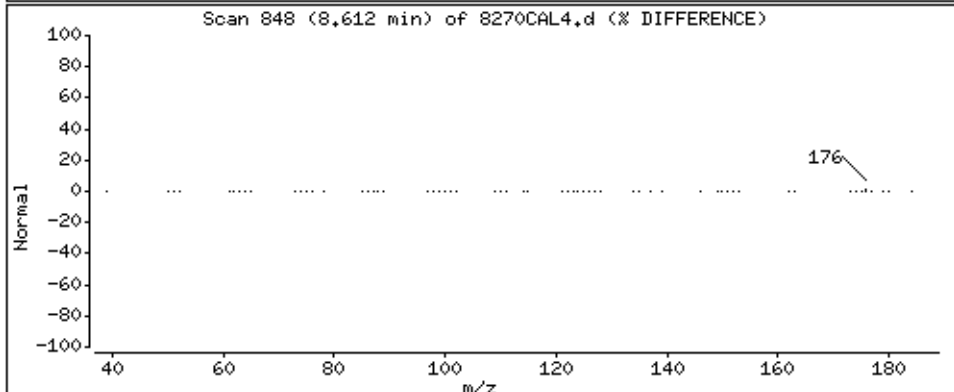
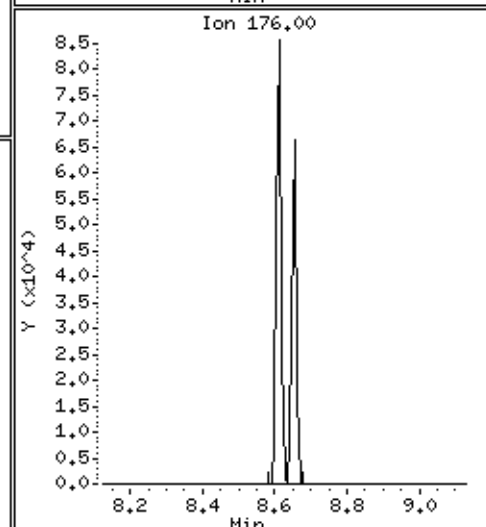
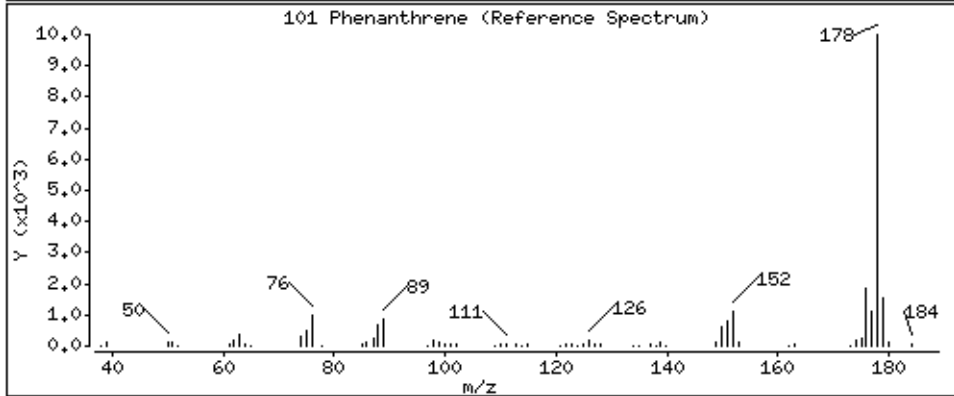
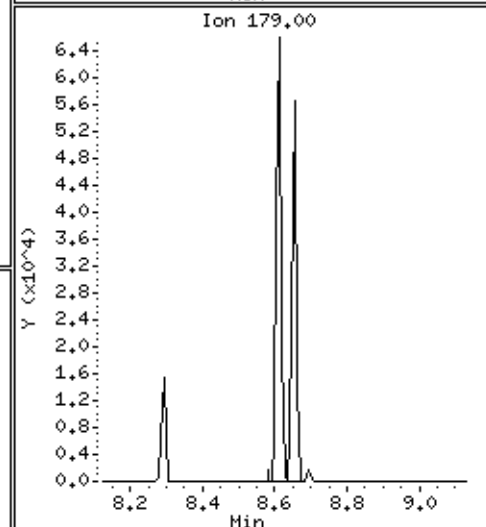
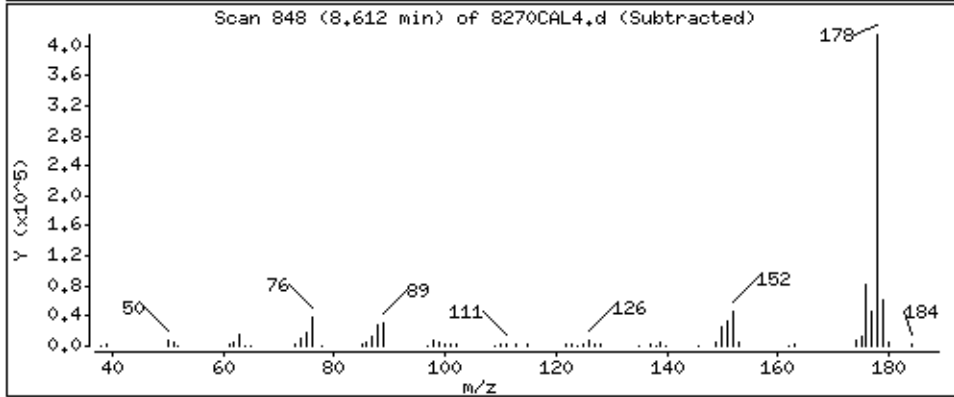
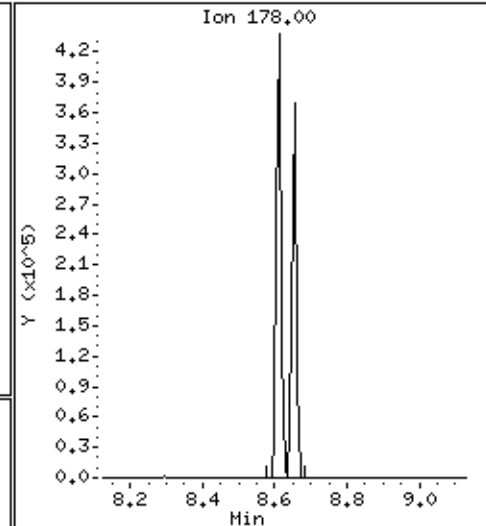
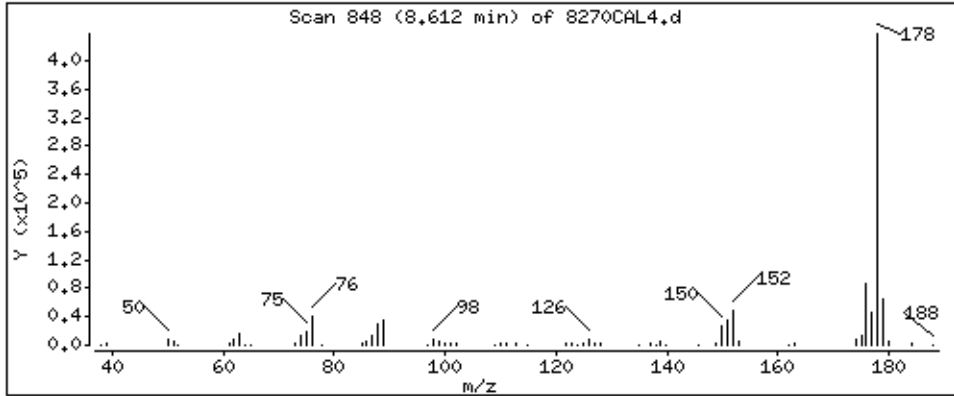
Operator: MJ

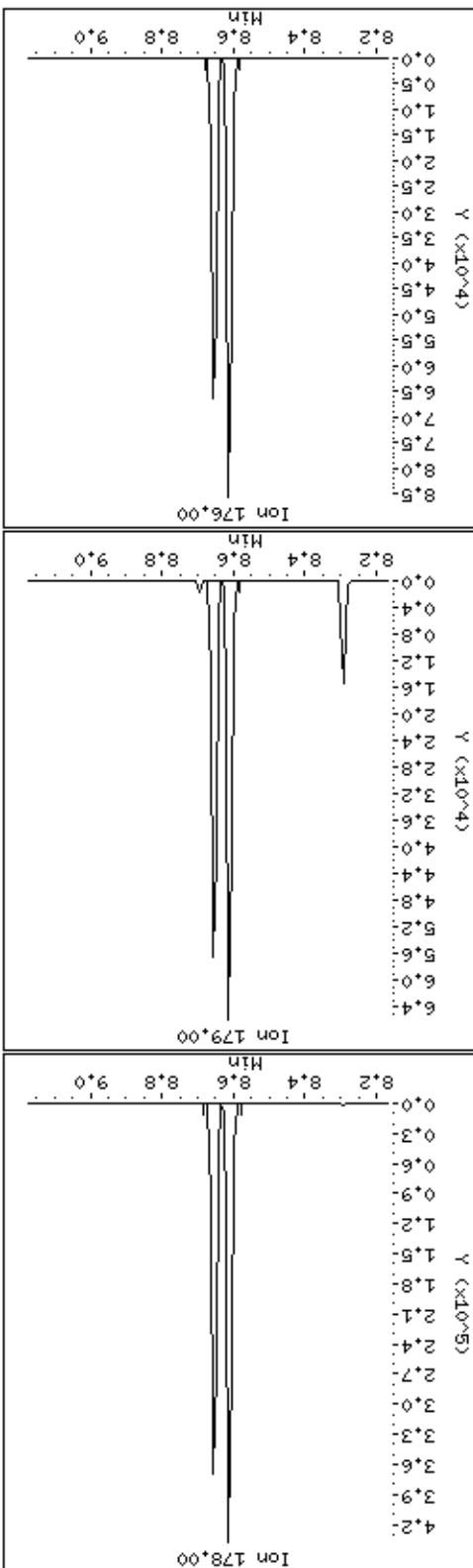
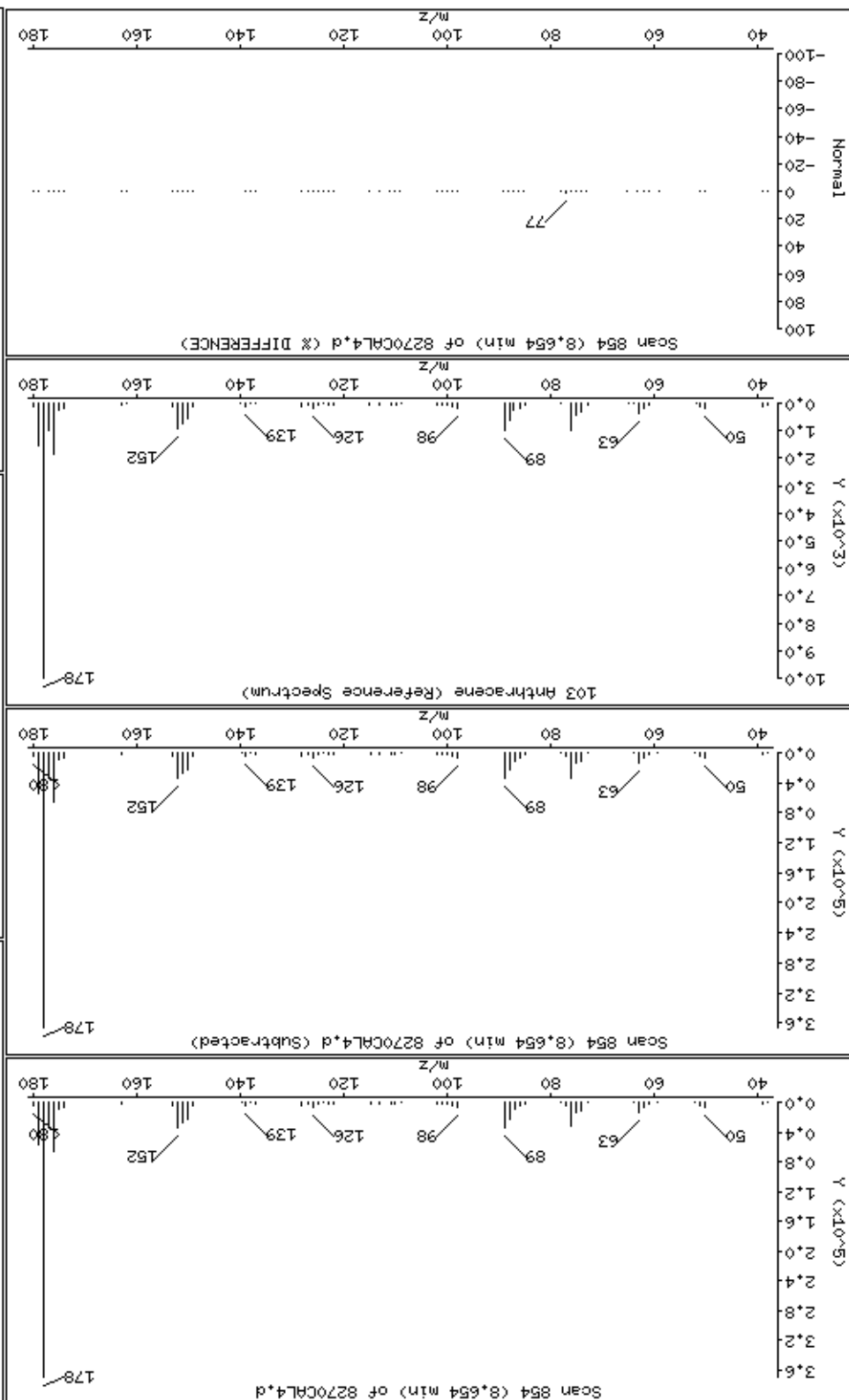
Column phase: HPHS-5

Column diameter: 0.25

101 Phenanthrene

Concentration: 45.0 ug/l





Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

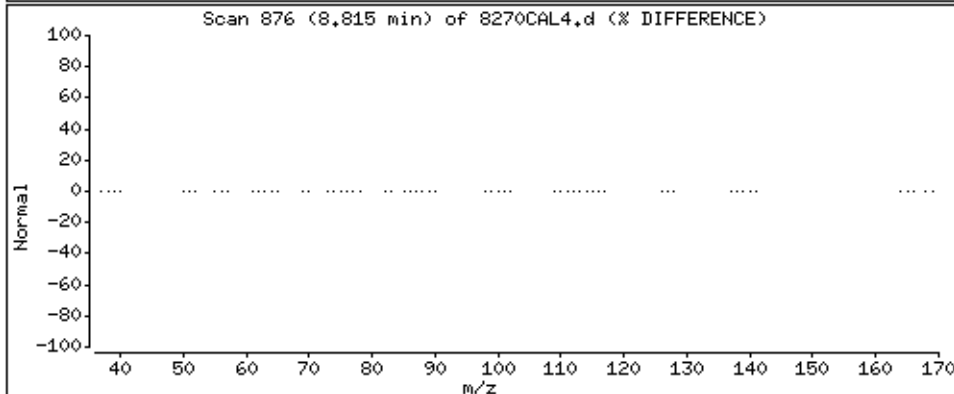
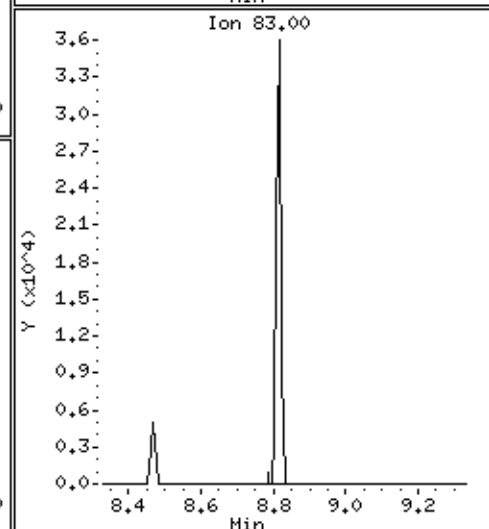
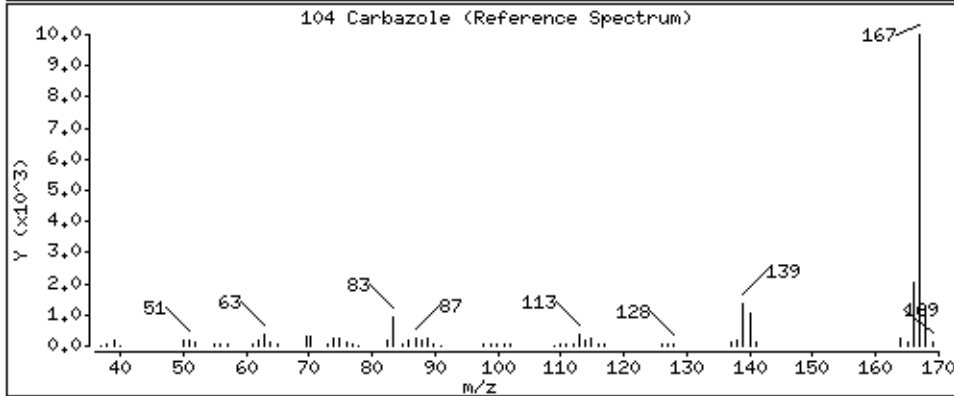
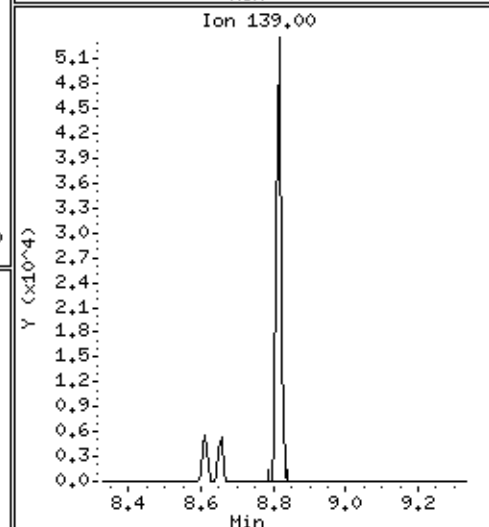
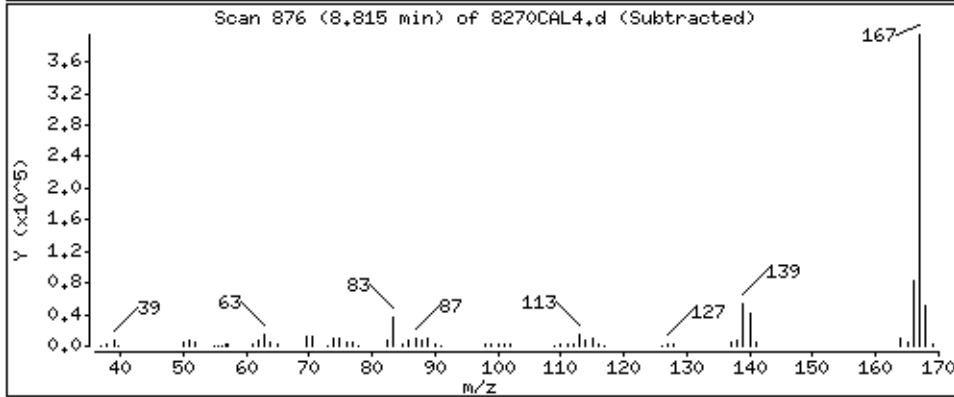
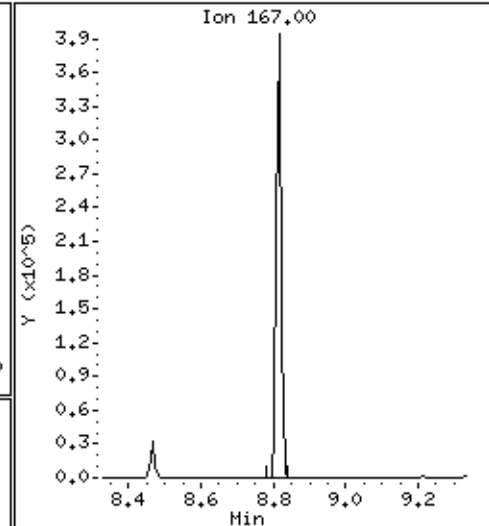
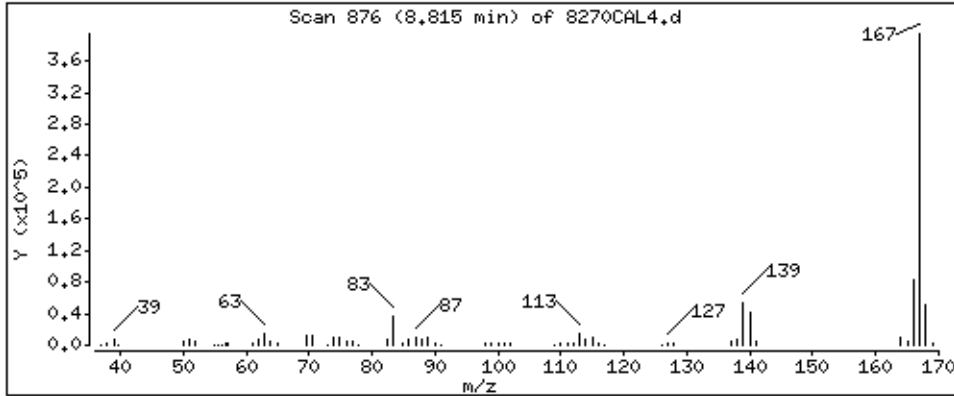
Operator: MJ

Column phase: HPHS-5

Column diameter: 0.25

104 Carbazole

Concentration: 46.2 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

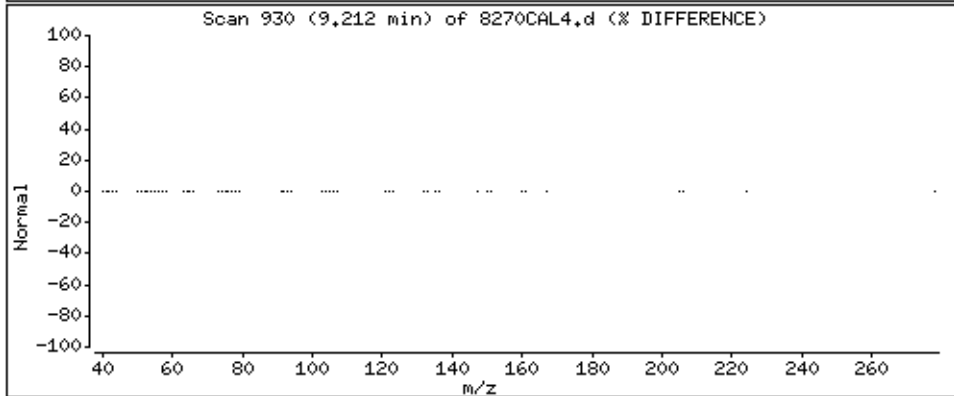
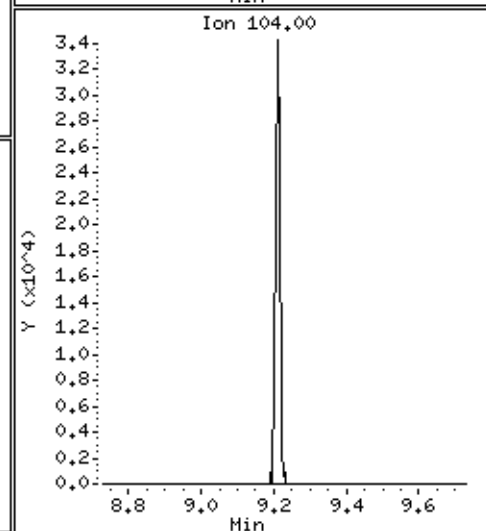
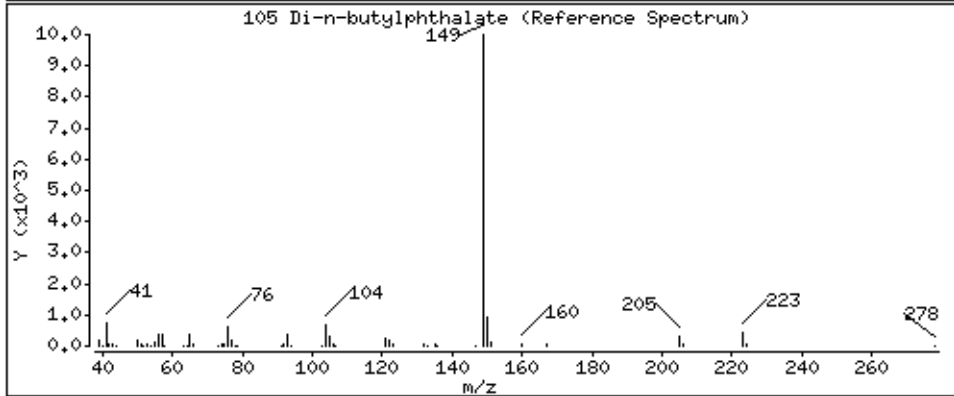
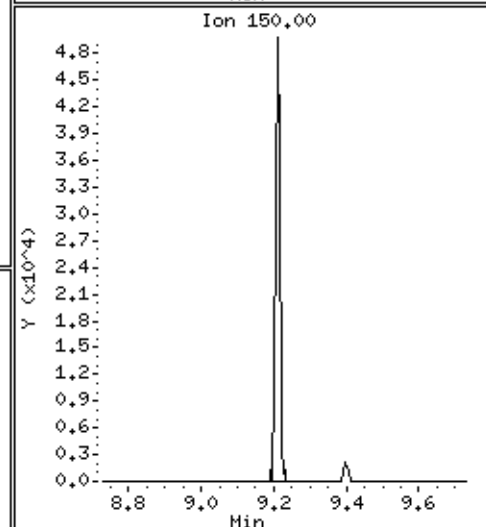
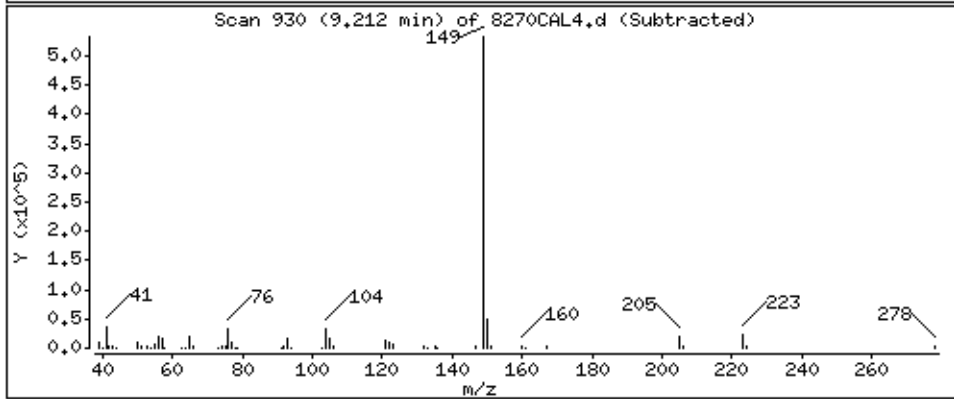
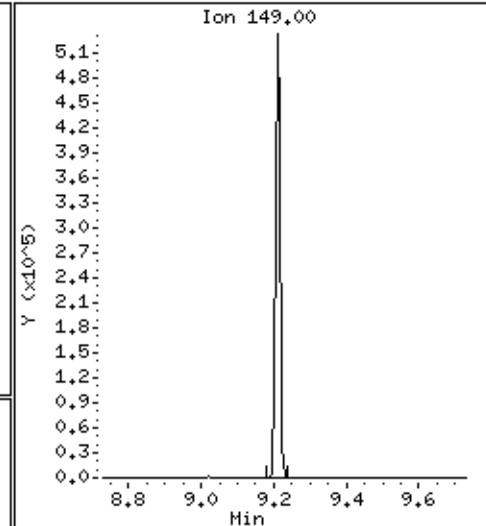
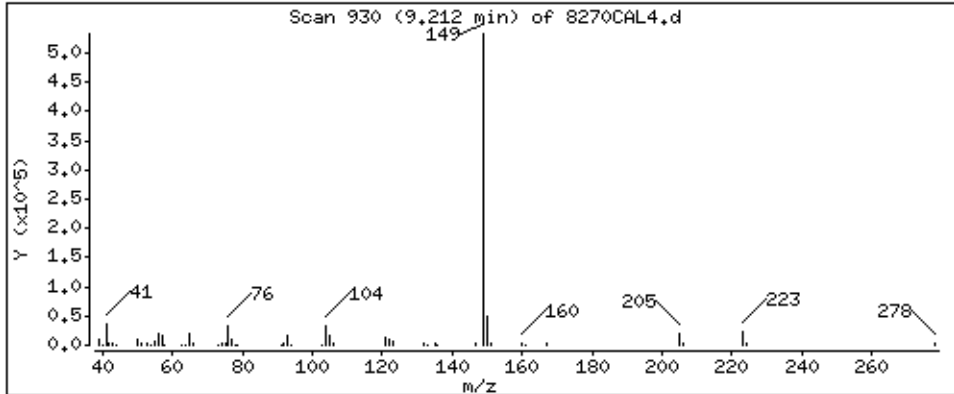
Operator: MJ

Column phase: HPMS-5

Column diameter: 0.25

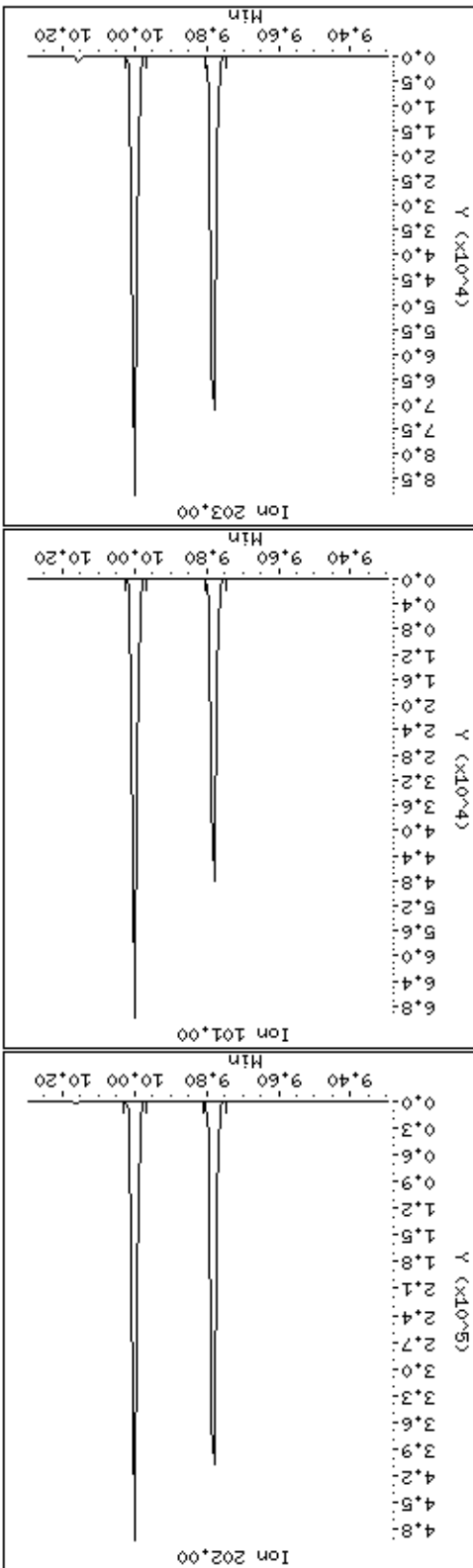
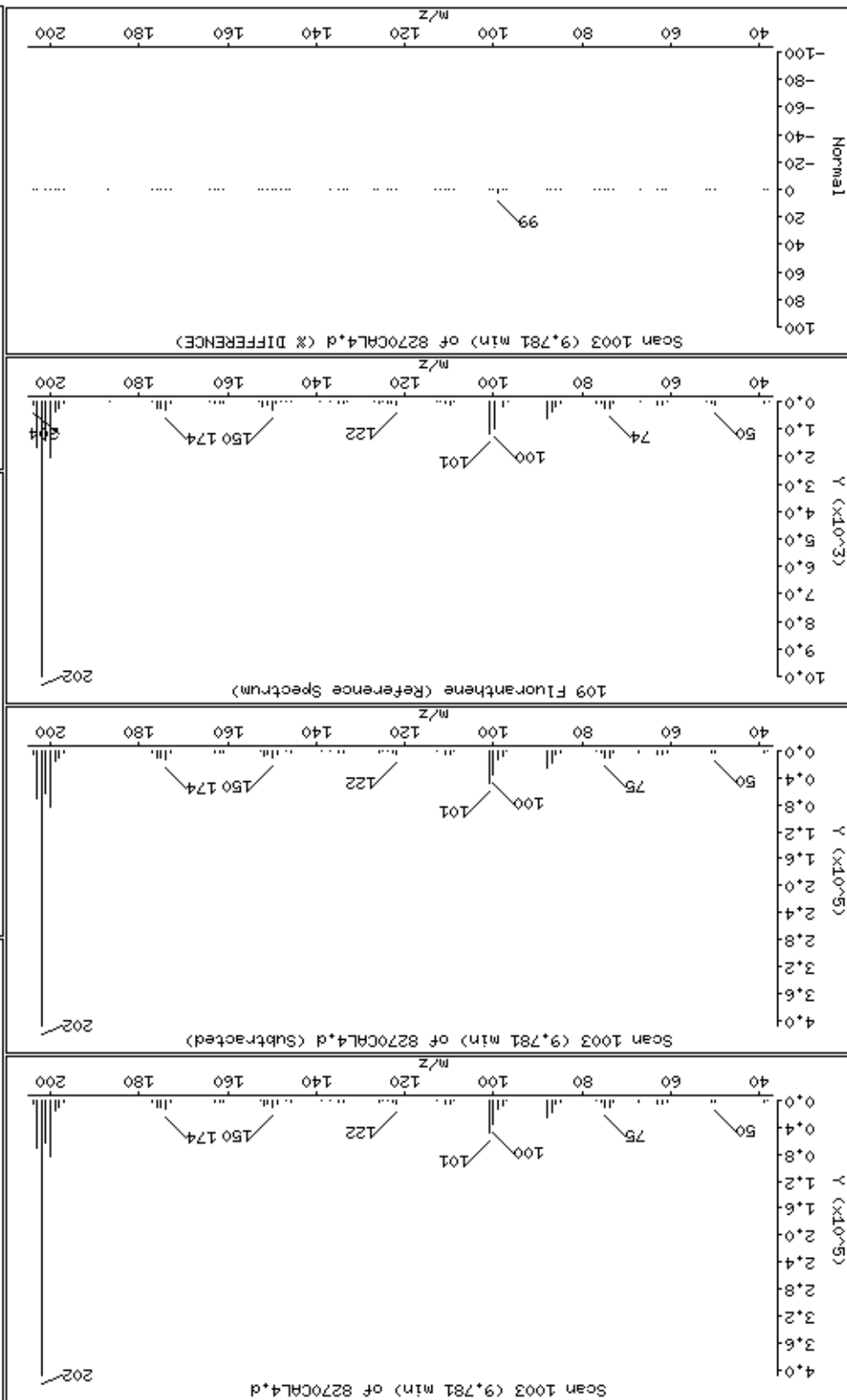
105 Di-n-butylphthalate

Concentration: 48.1 ug/l



Date: 20-NOV-2012 16:30  
Client ID: 8270CAL4  
Sample Info: 47766  
Purge Volume: 1000.0  
Operator: MJ

Instrument: smsd04.1  
Column diameter: 0.25  
Concentration: 47.1 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

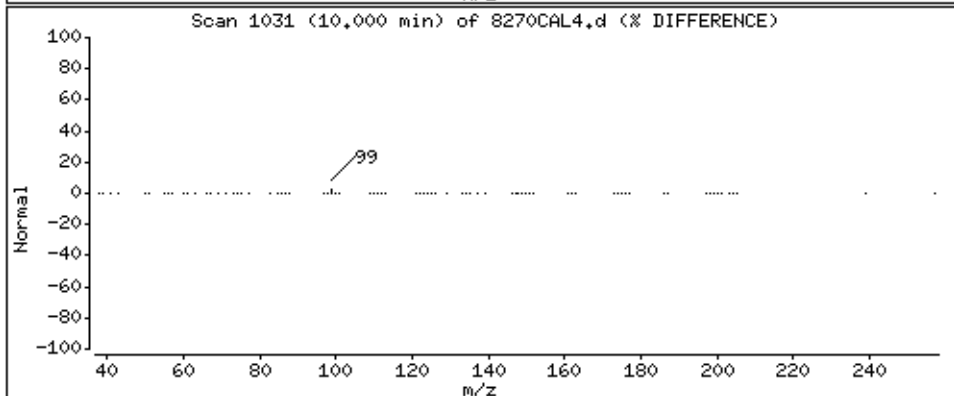
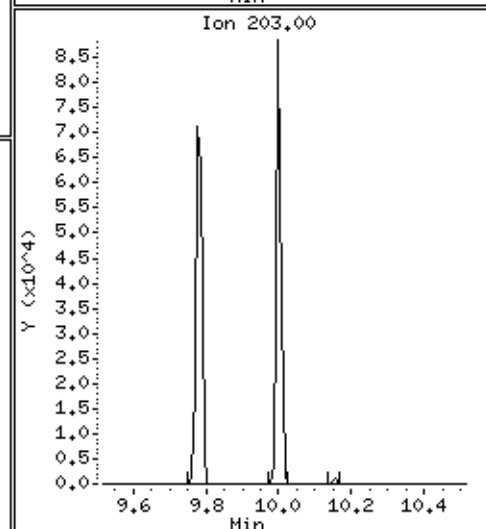
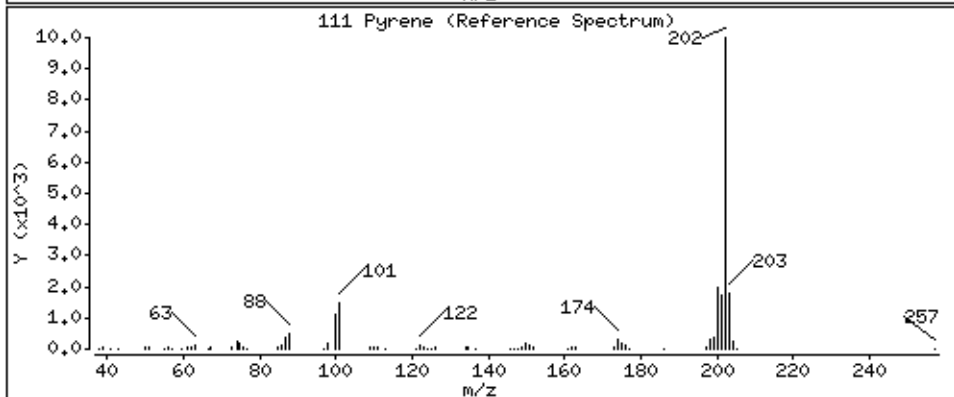
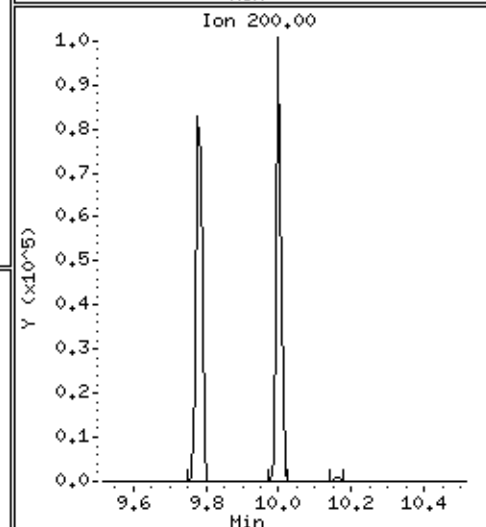
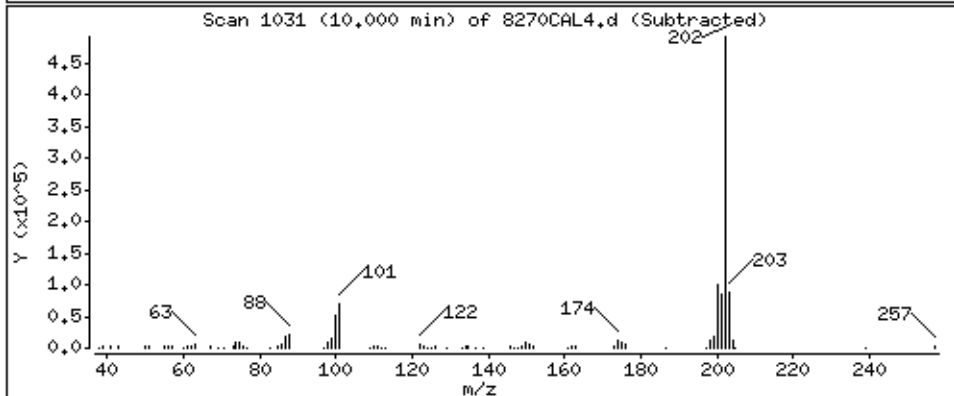
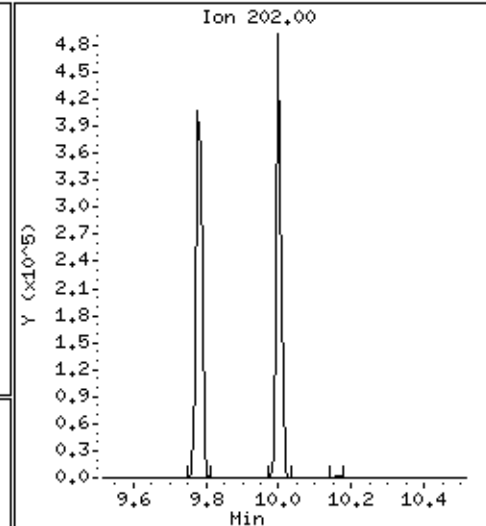
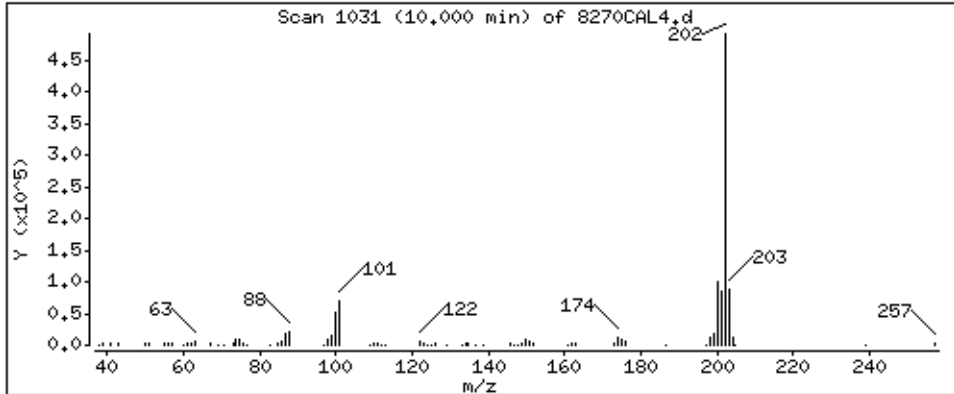
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

111 Pyrene

Concentration: 44,2 ug/l





Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

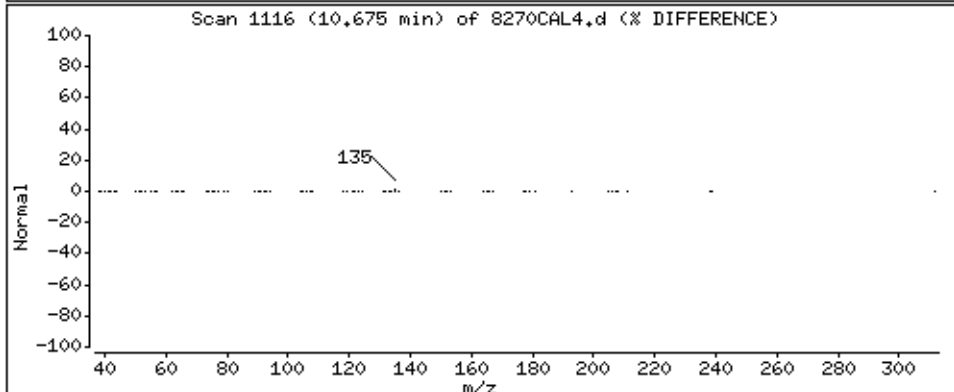
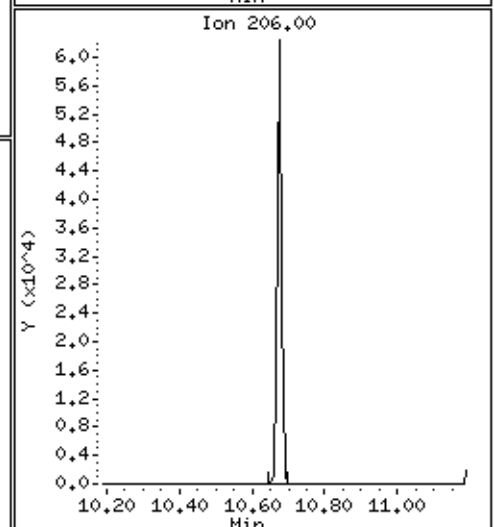
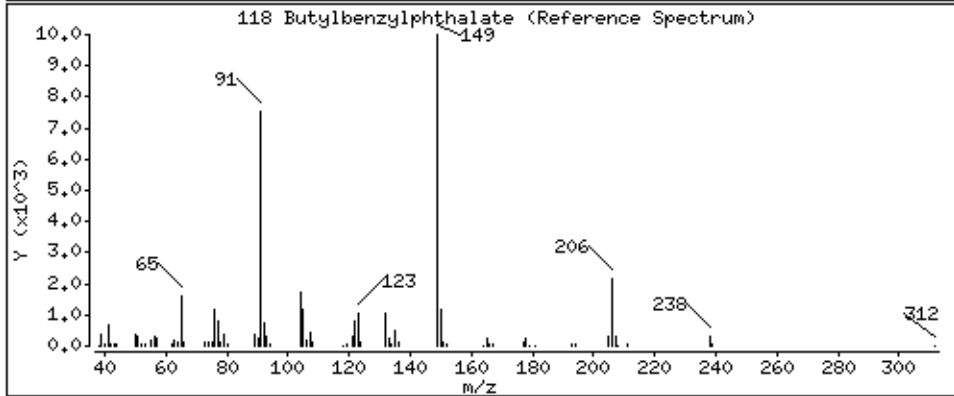
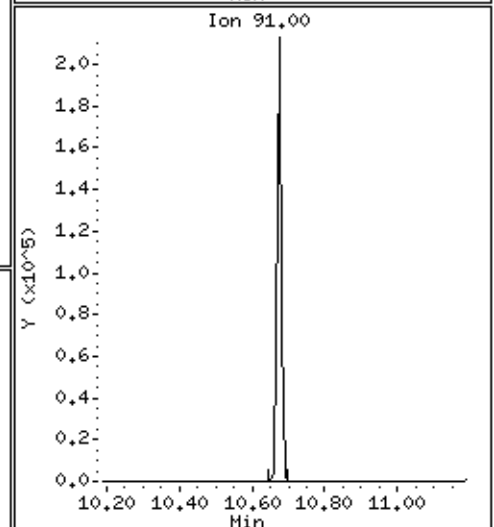
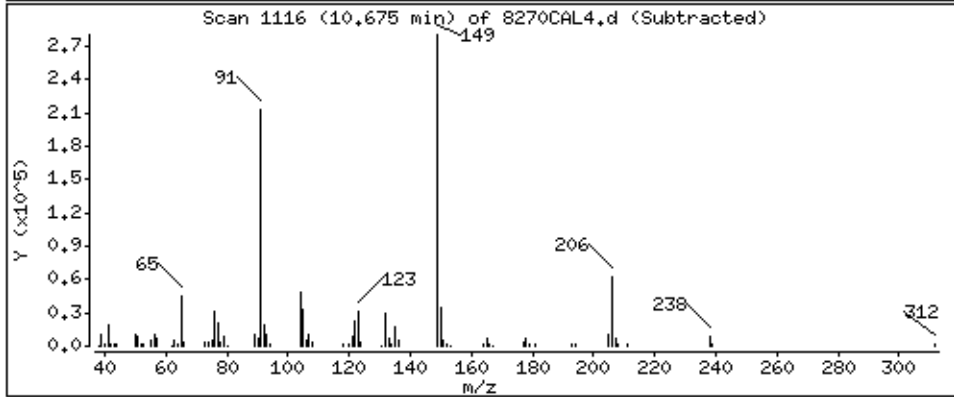
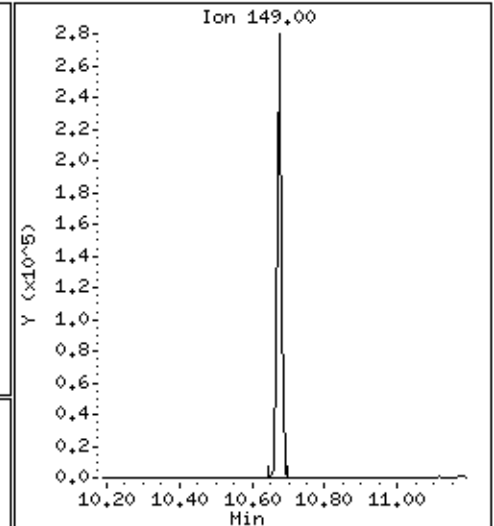
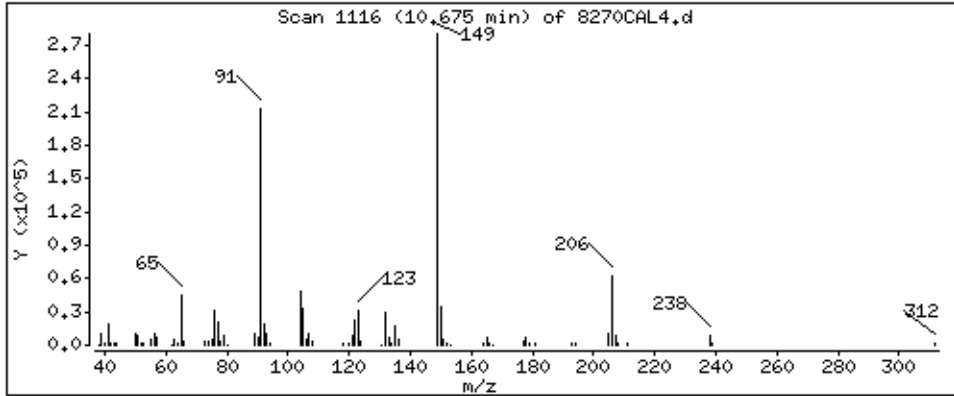
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

118 Butylbenzylphthalate

Concentration: 47,3 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

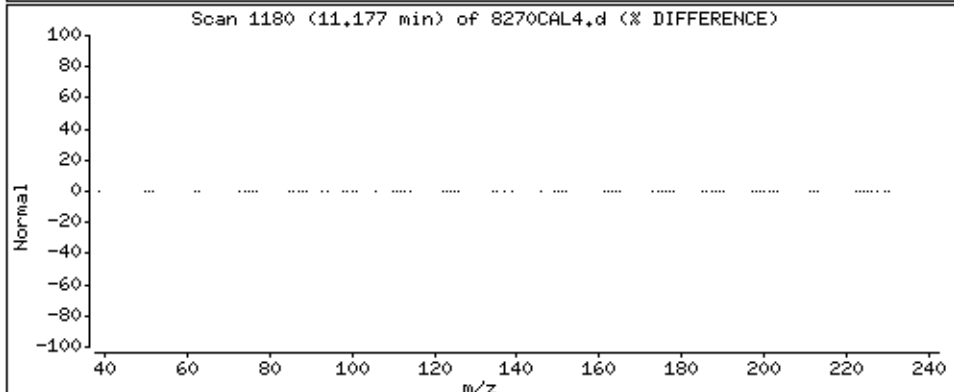
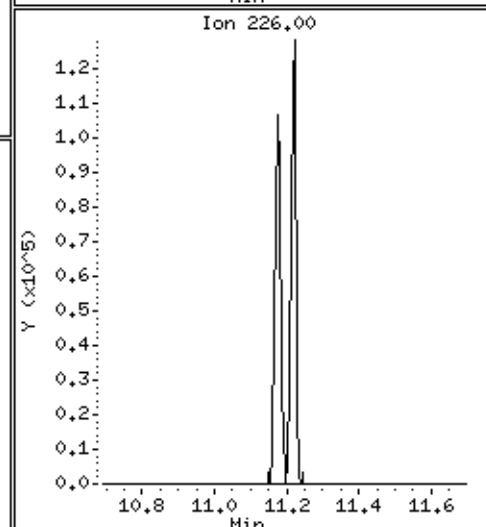
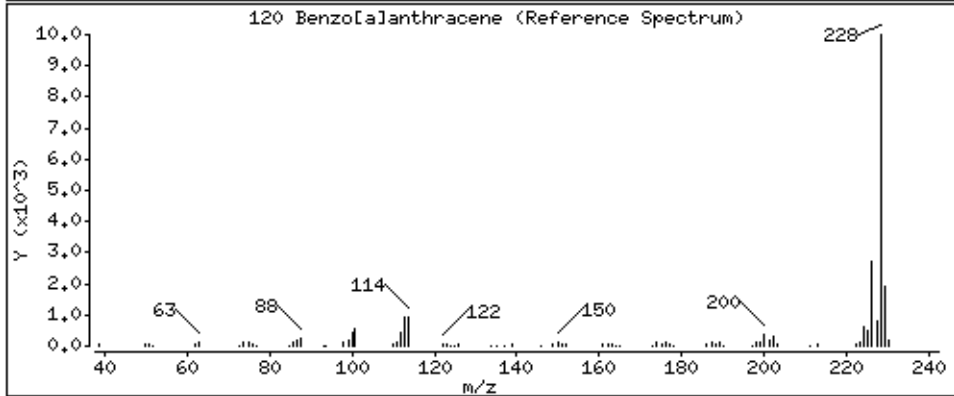
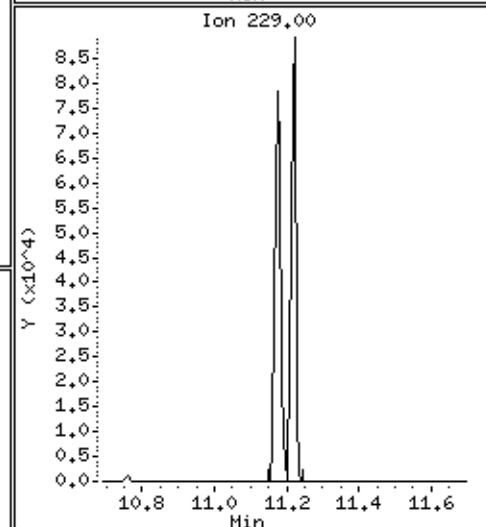
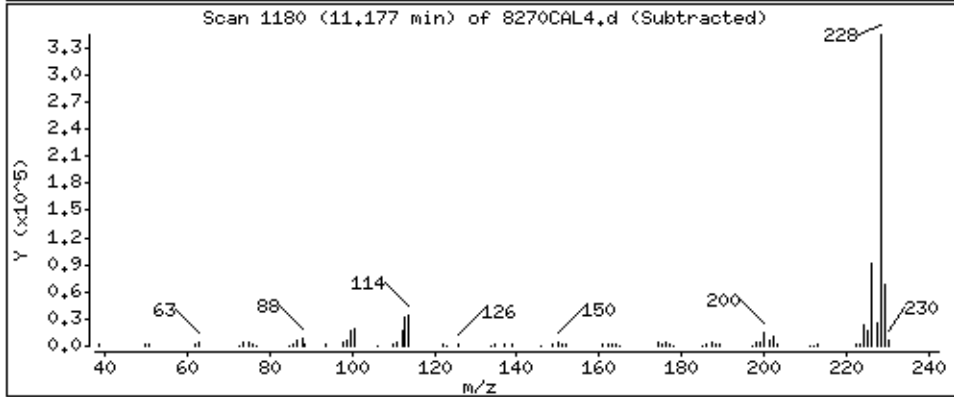
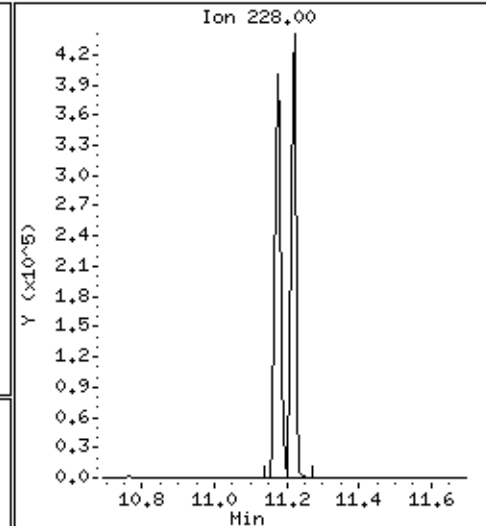
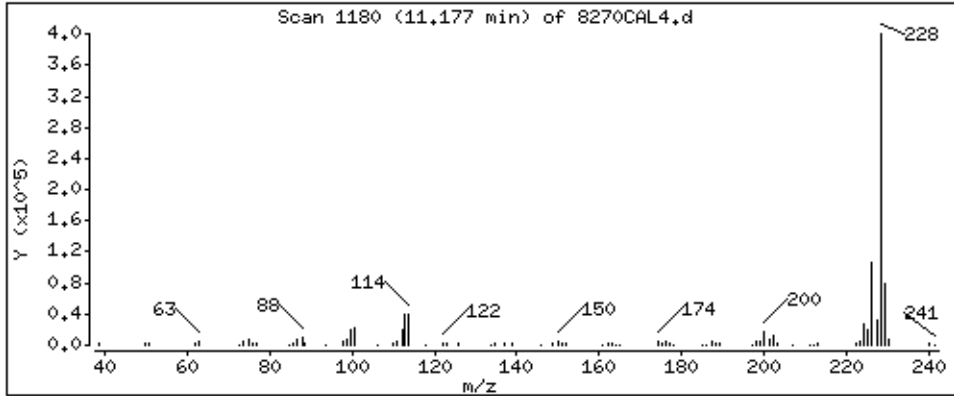
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

120 Benzo[*a*]anthracene

Concentration: 45,5 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

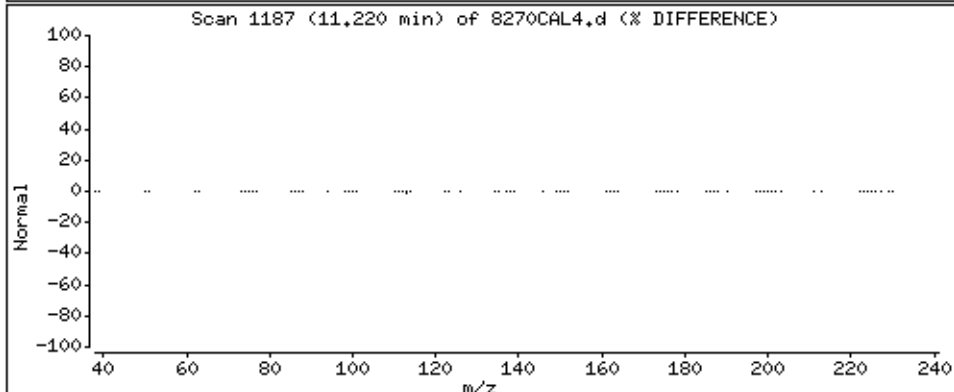
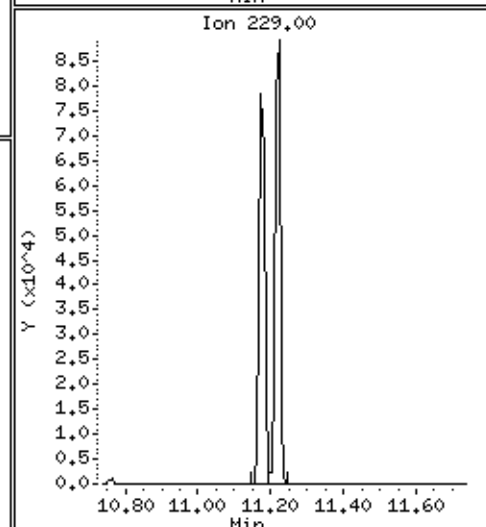
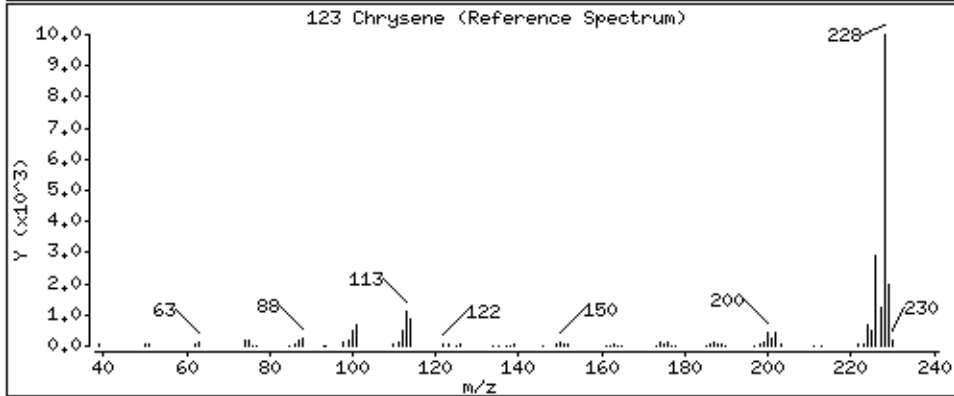
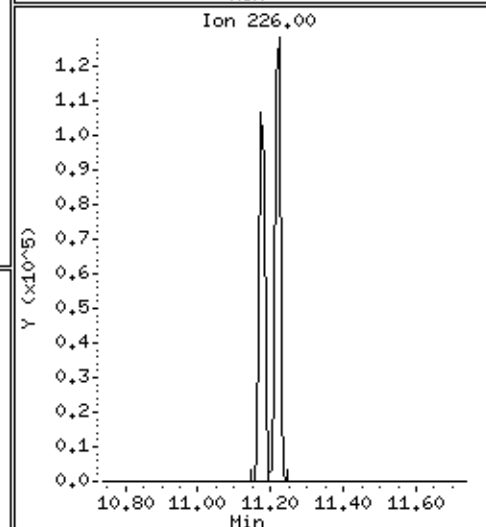
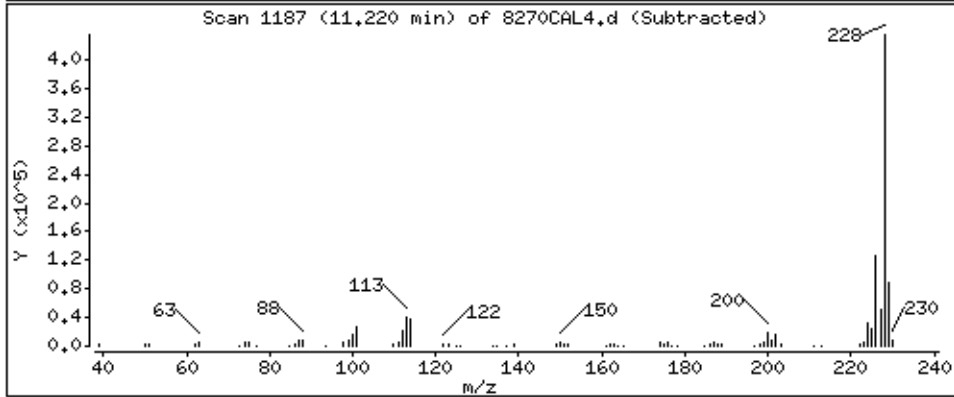
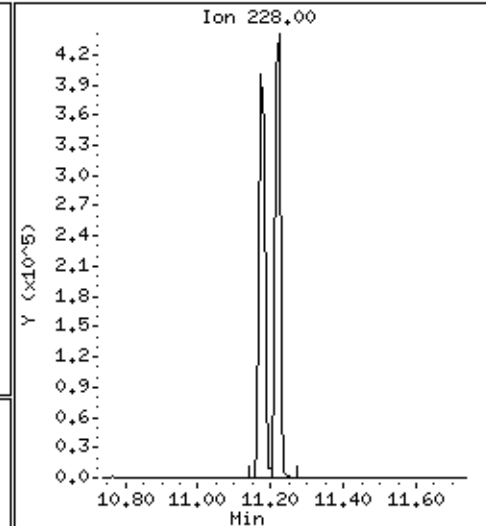
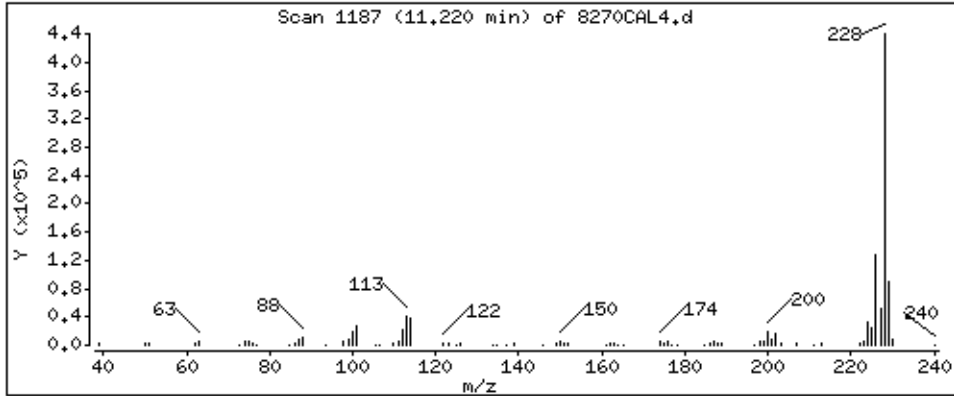
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

123 Chrysene

Concentration: 45,3 ug/l



Date: 20-NOV-2012 16:30

Client ID: 8270CRL4

Sample Info: 47766

Purge Volume: 1000.0

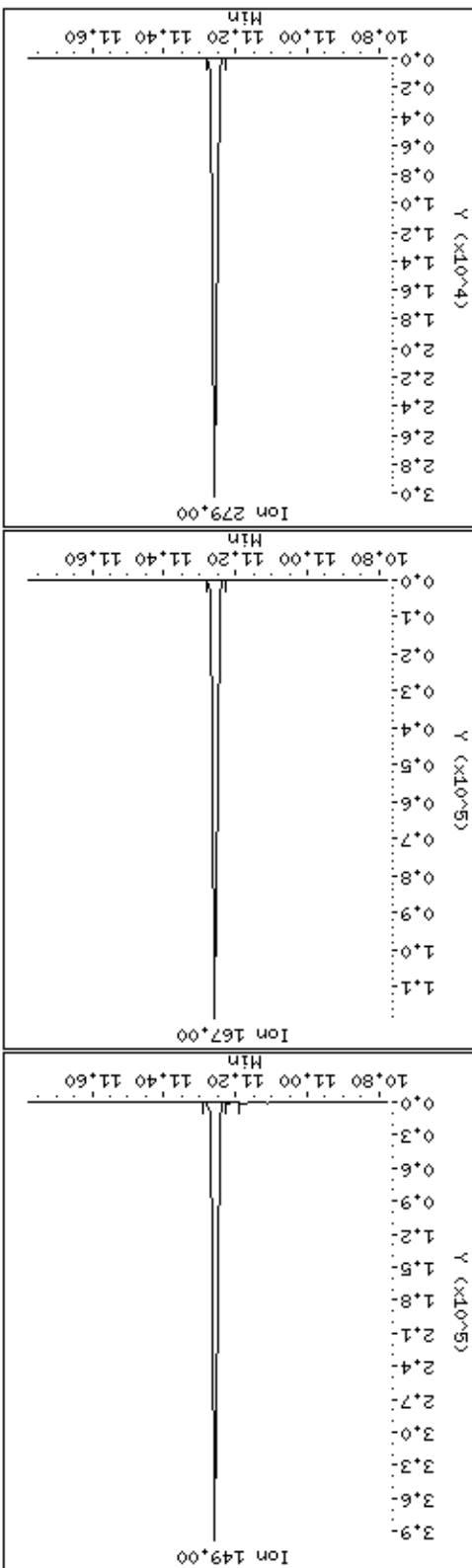
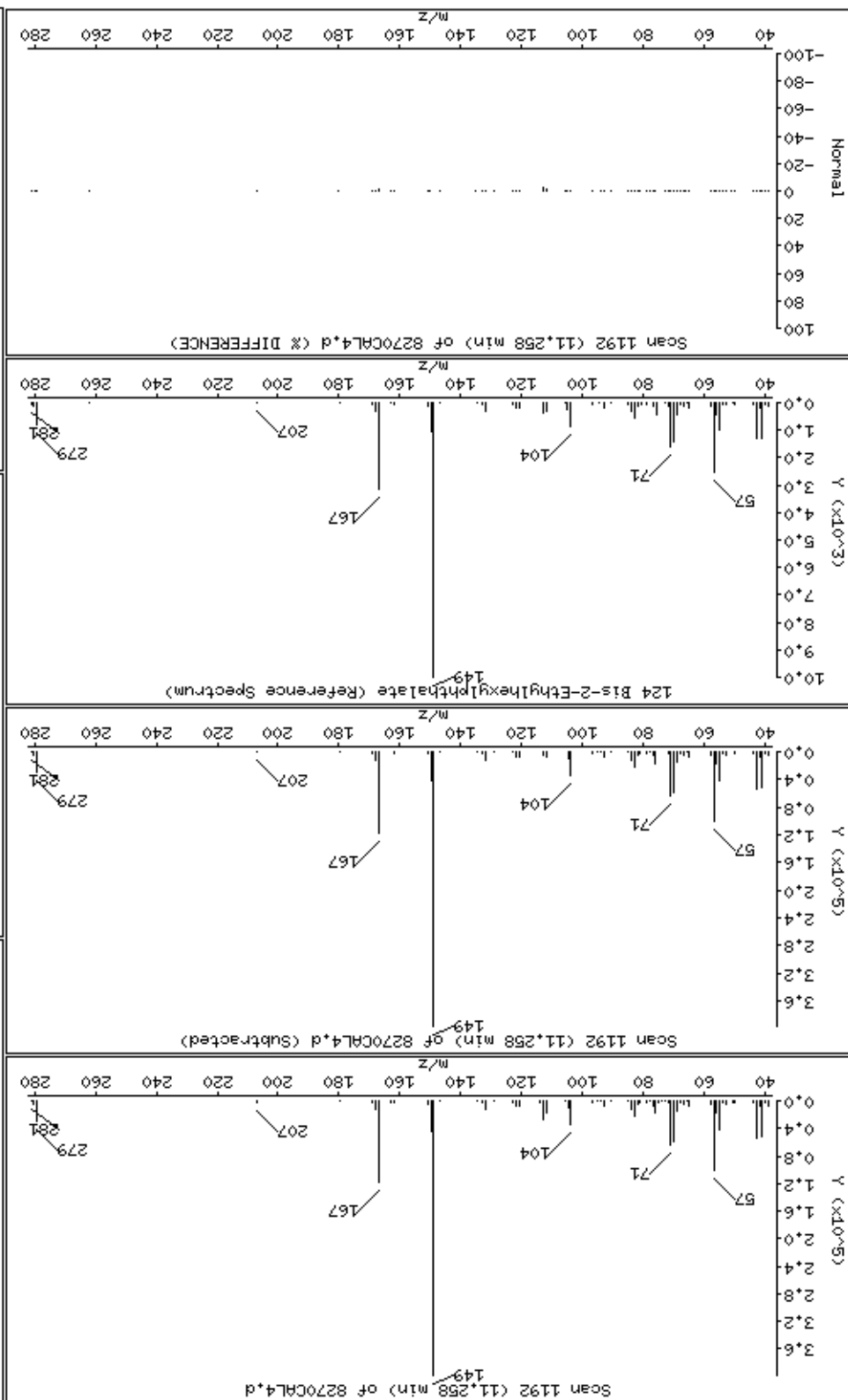
Operator: MJ

Column diameter: 0.25

Instrument: smsd04.1

Concentration: 48.2 ug/l

124 Bis-2-Ethylhexylphthalate



Date: 20-NOV-2012 16:30

Client ID: 8270CRL4

Sample Info: 47766

Purge Volume: 1000.0

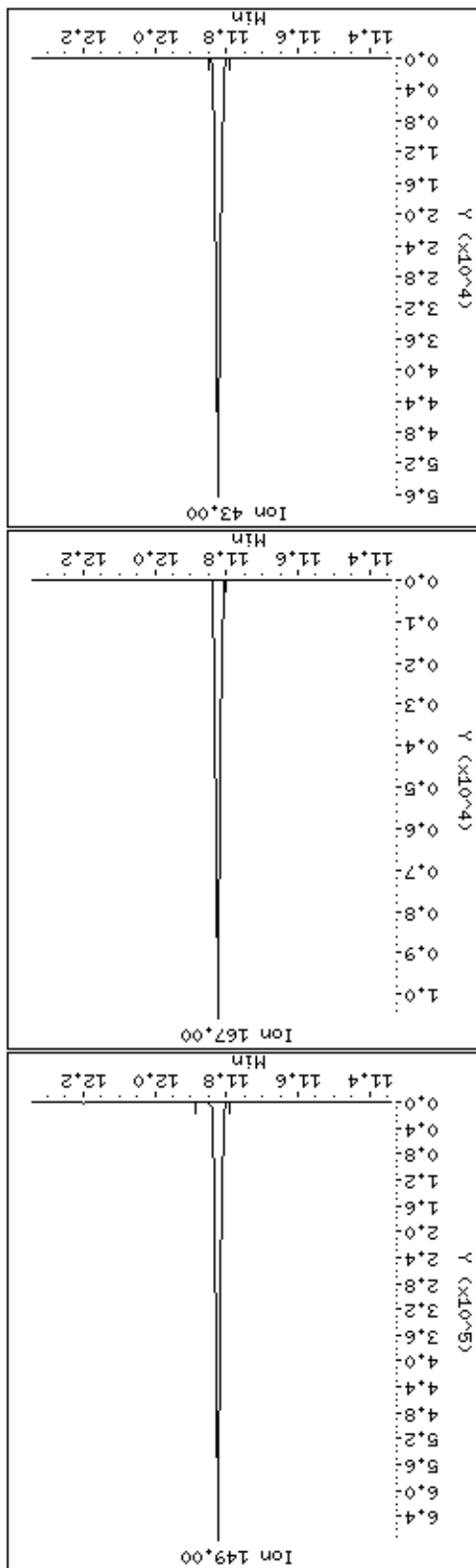
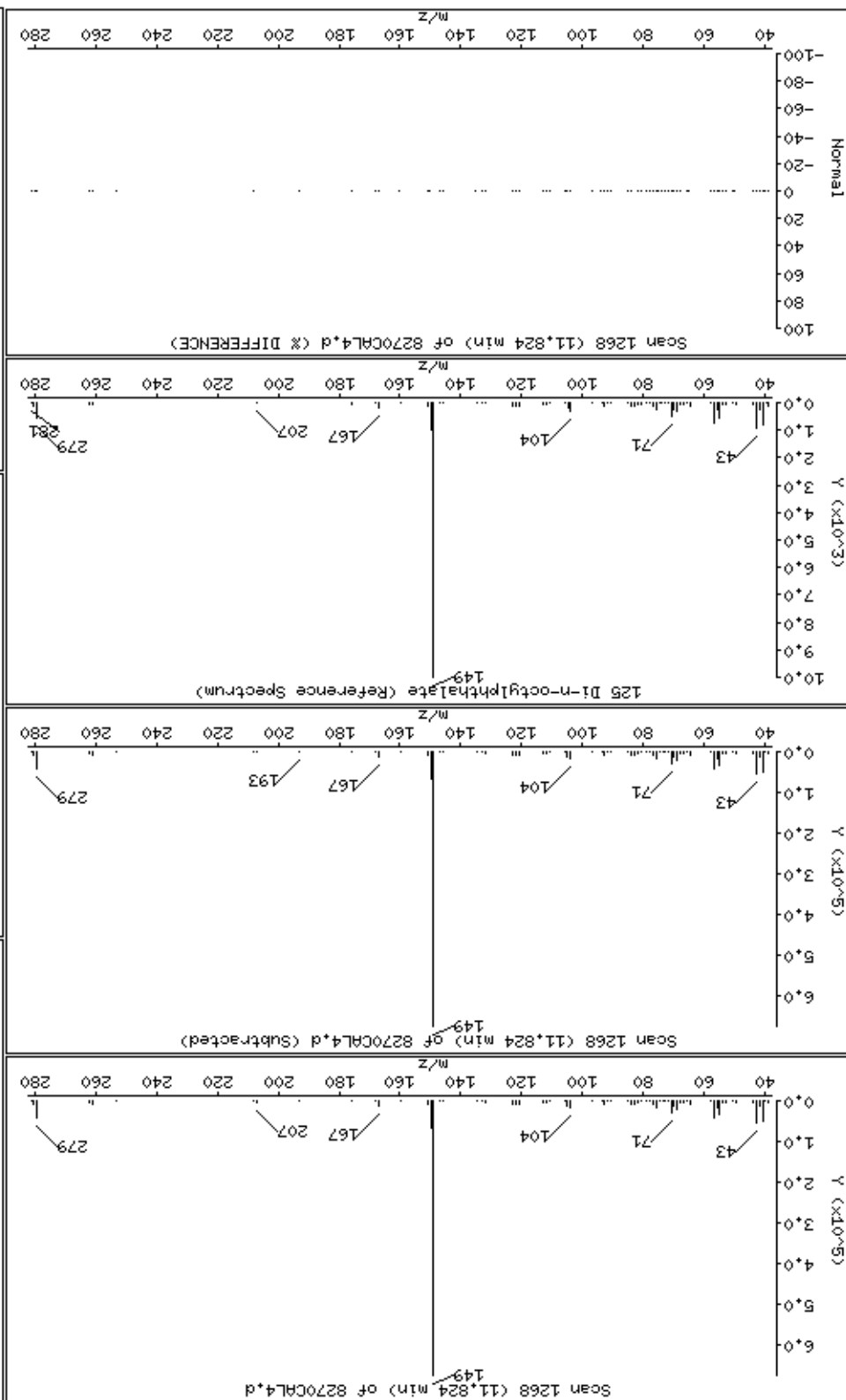
Operator: MJ

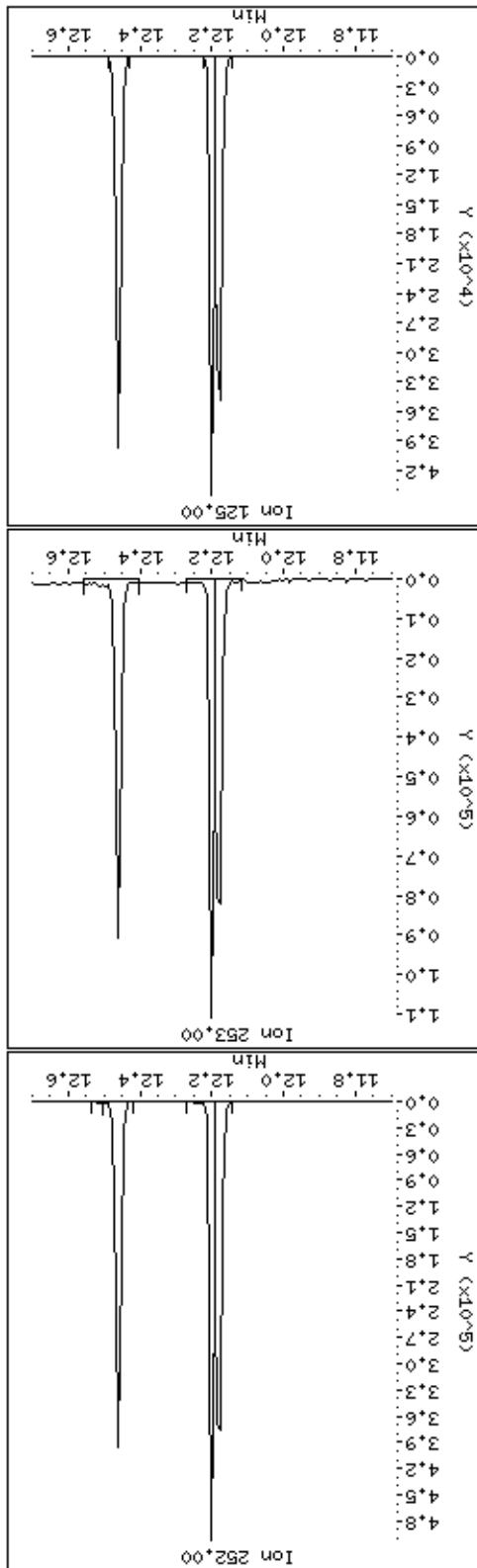
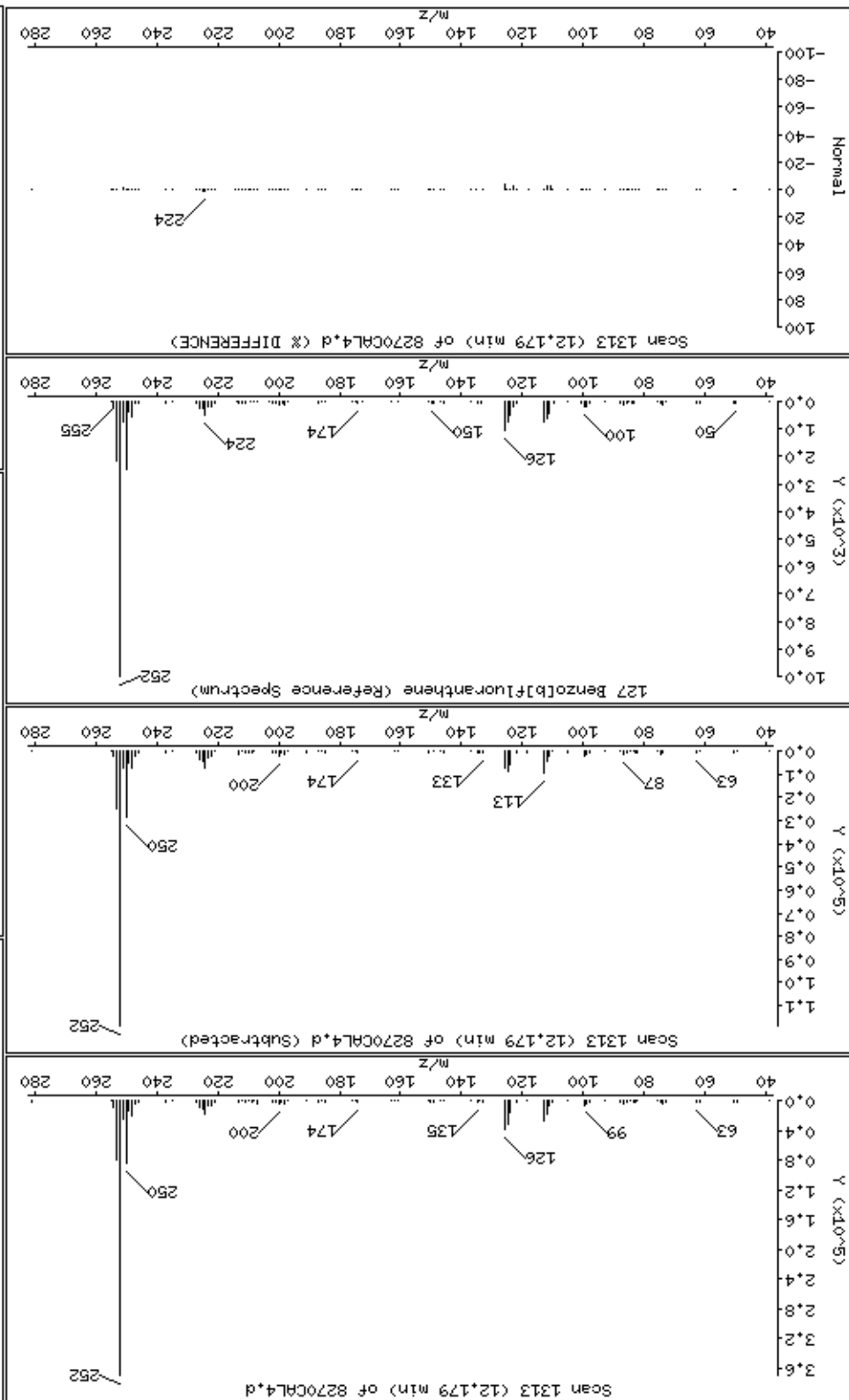
Column phase: HPMS-5

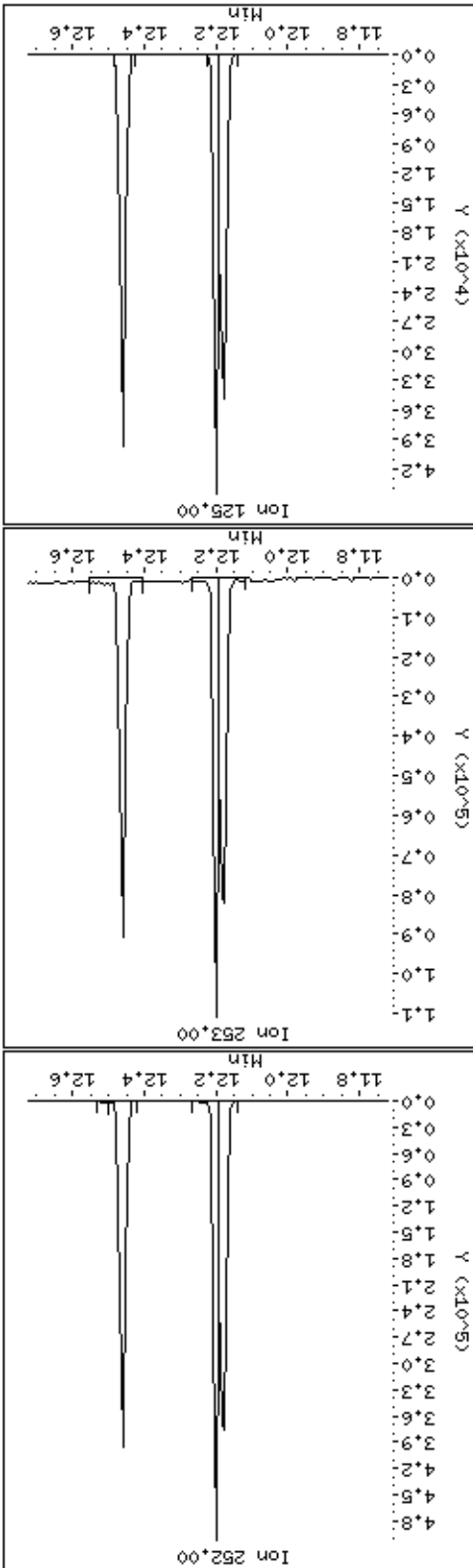
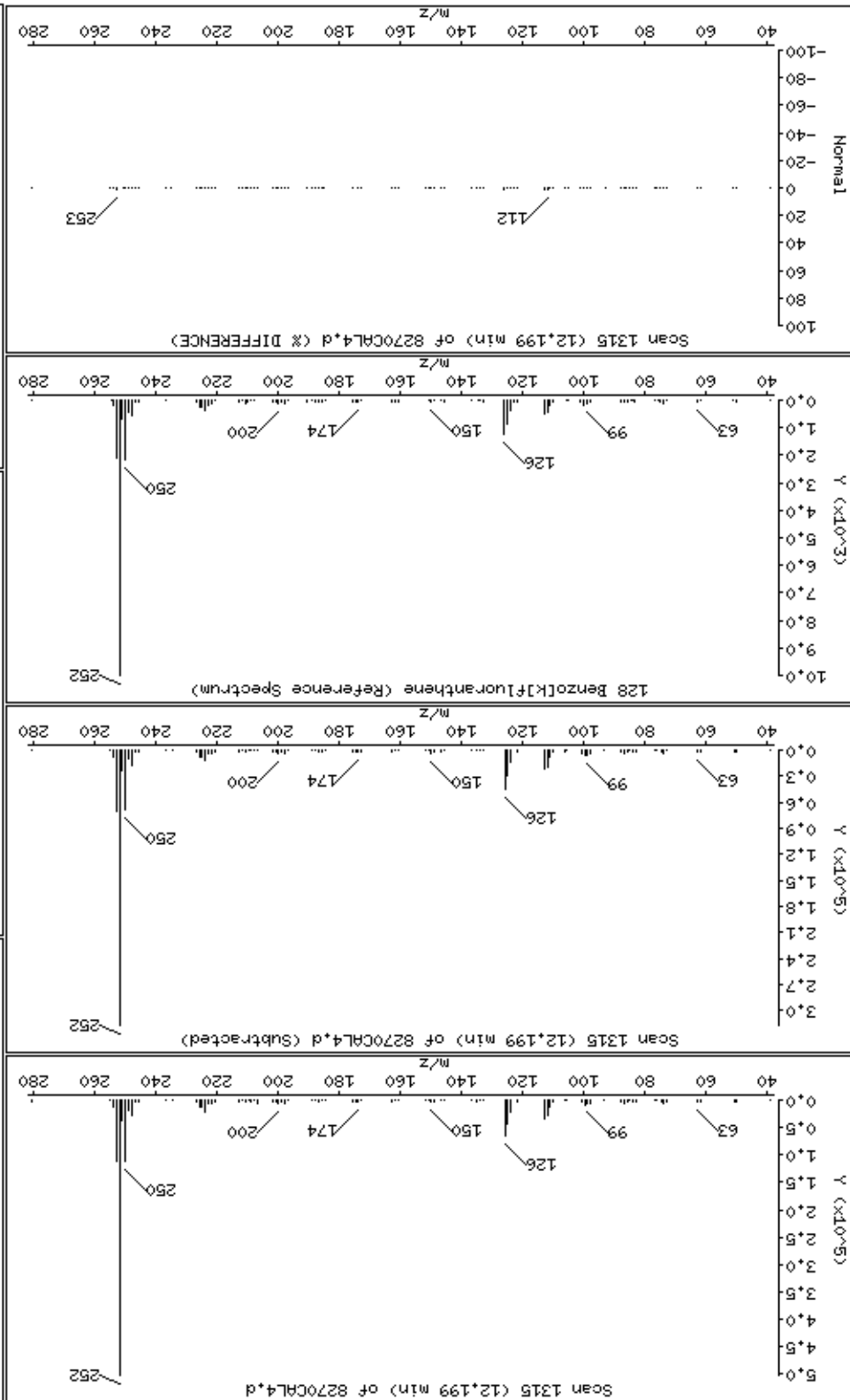
Concentration: 43.0 ug/l

Instrument: smsd04.1

125 Di-n-octylphthalate







Date: 20-NOV-2012 16:30

Client ID: 8270CRL4

Sample Info: 47766

Purge Volume: 1000.0

Operator: MJ

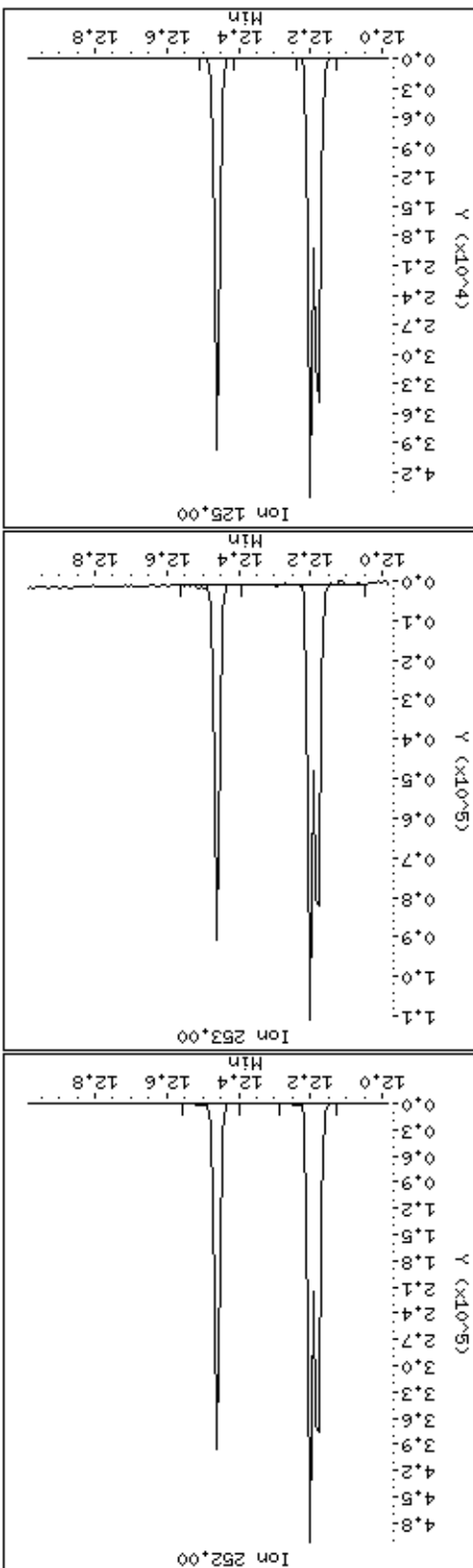
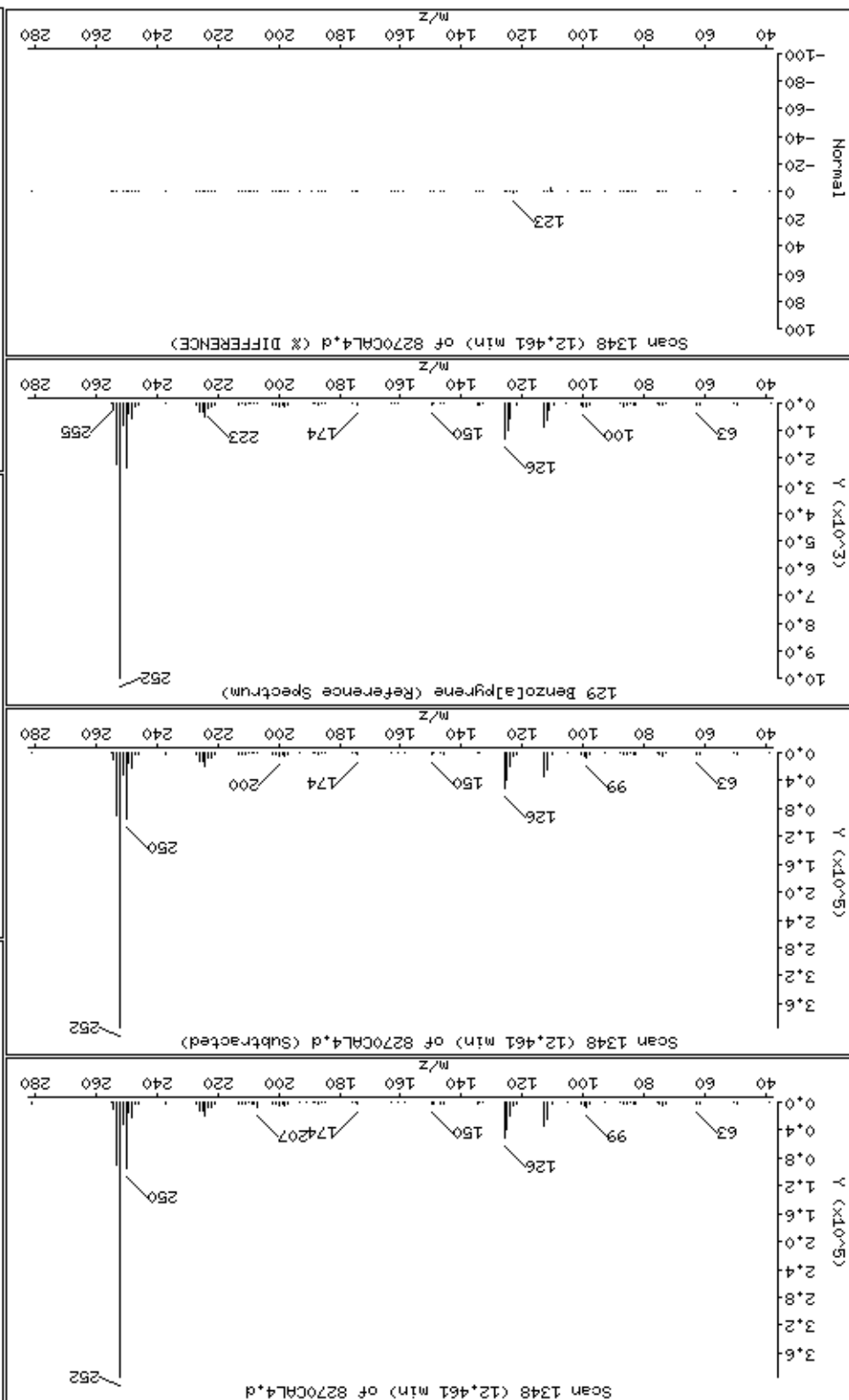
Column phase: HPMS-5

Column diameter: 0.25

Instrument: smsd04.1

Concentration: 46.2 ug/l

129 Benzol[a]pyrene

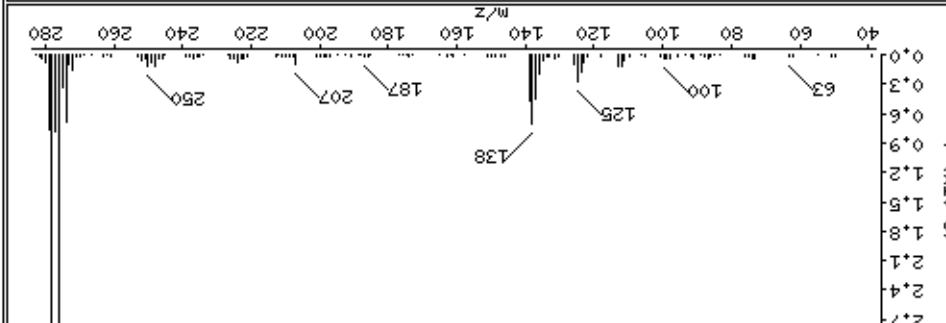




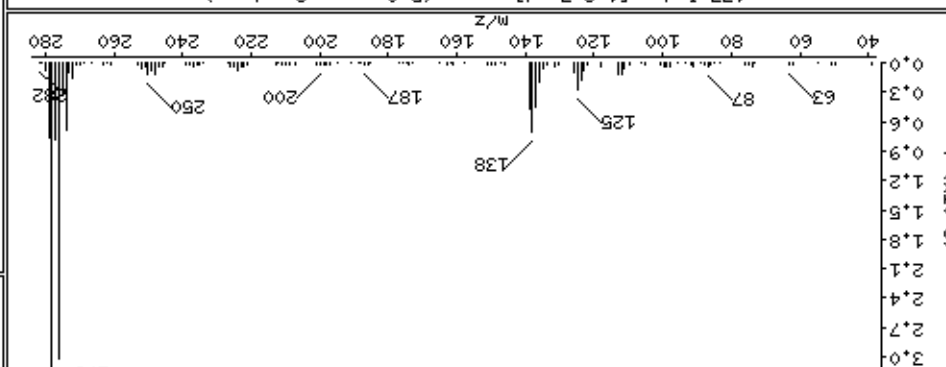
133 Indeno[1,2,3-cd]pyrene

Scan 1482 (13.539 min) of 8270CRL4.d

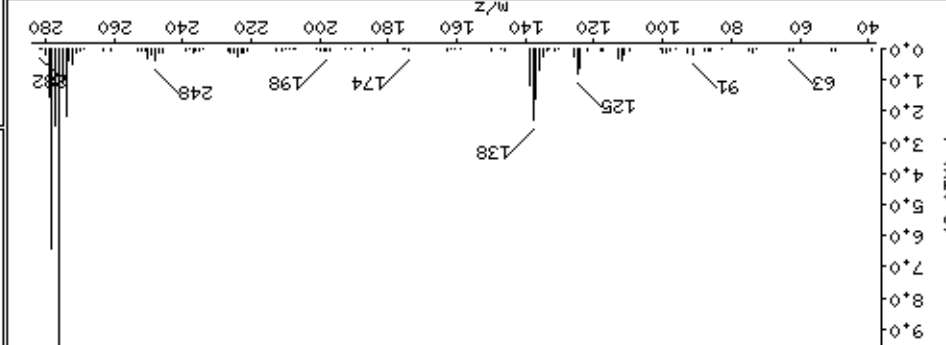
Y (x10<sup>-5</sup>)



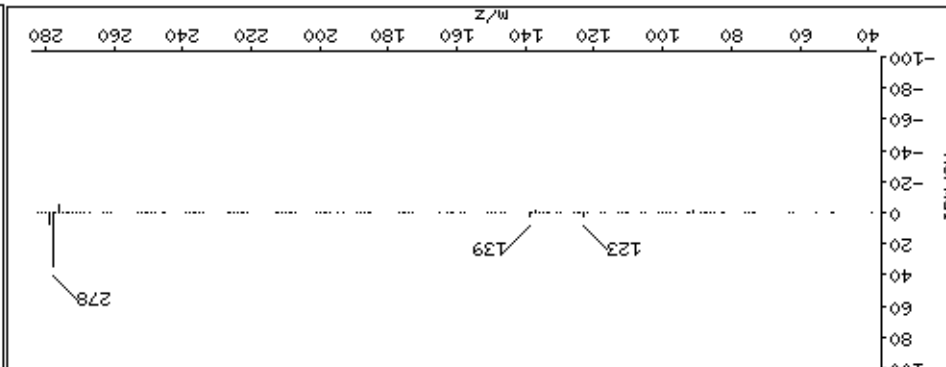
Scan 1482 (13.539 min) of 8270CRL4.d (Subtracted)



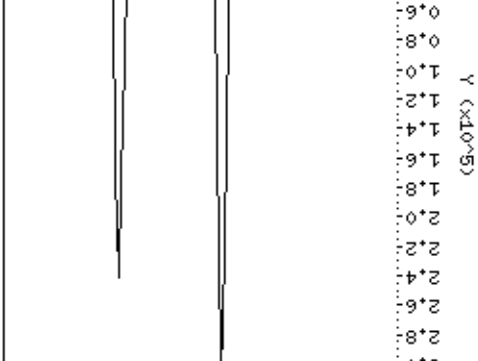
133 Indeno[1,2,3-cd]pyrene (Reference Spectrum)



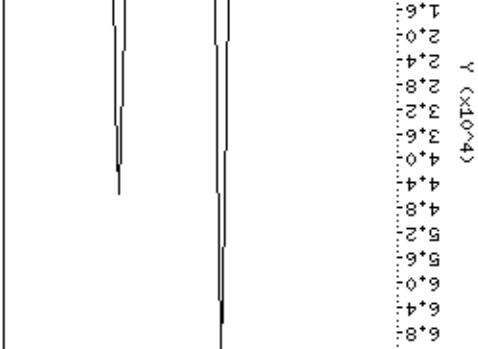
Scan 1482 (13.539 min) of 8270CRL4.d (% DIFFERENCE)



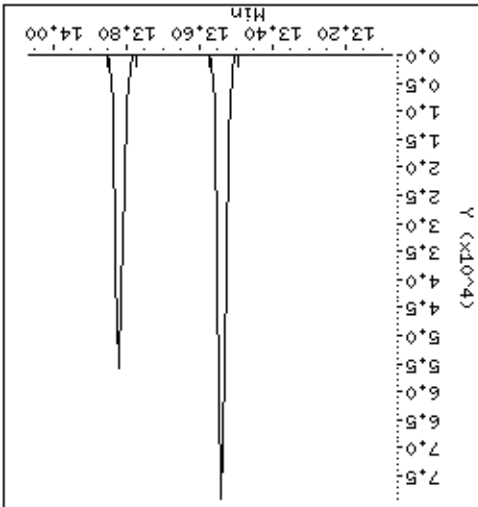
Ion 276.00



Ion 138.00



Ion 277.00



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

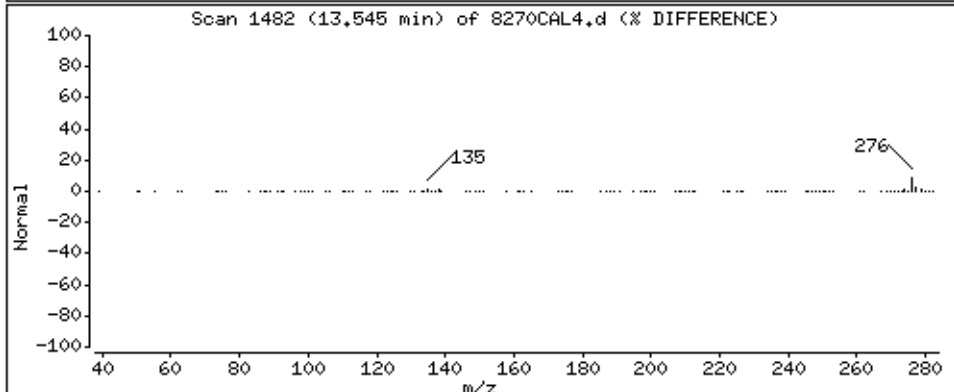
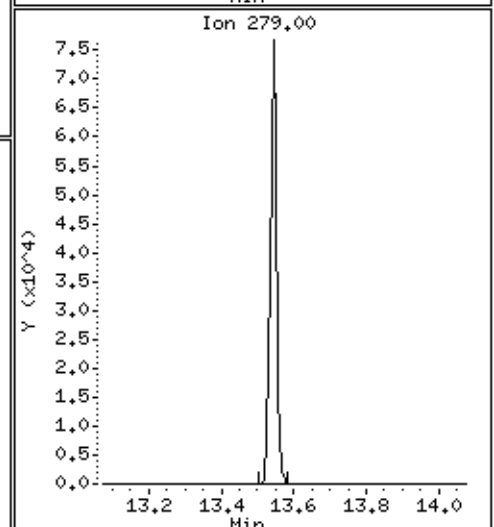
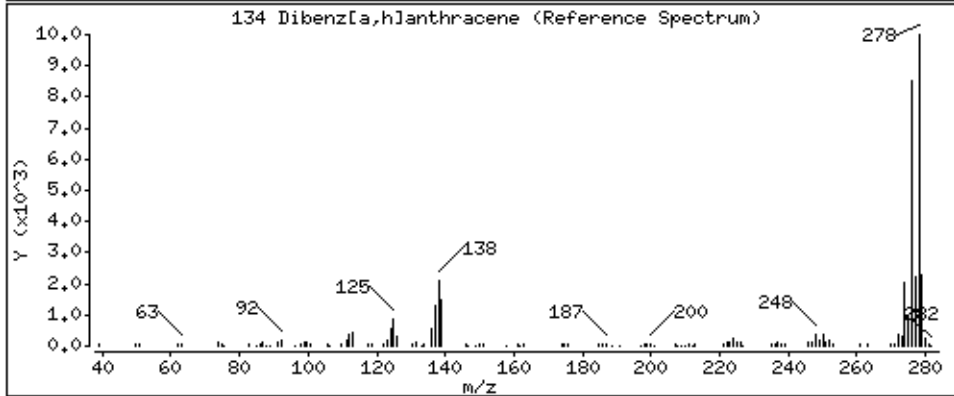
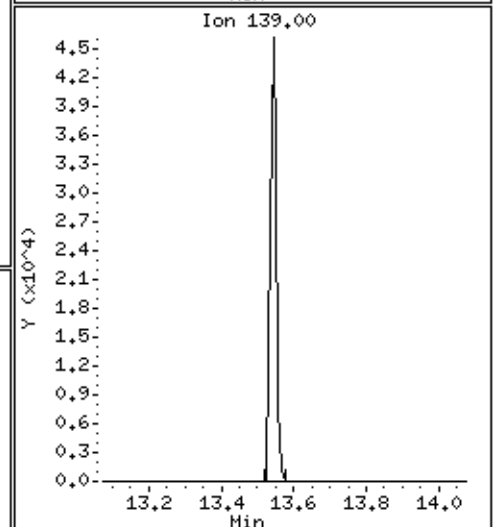
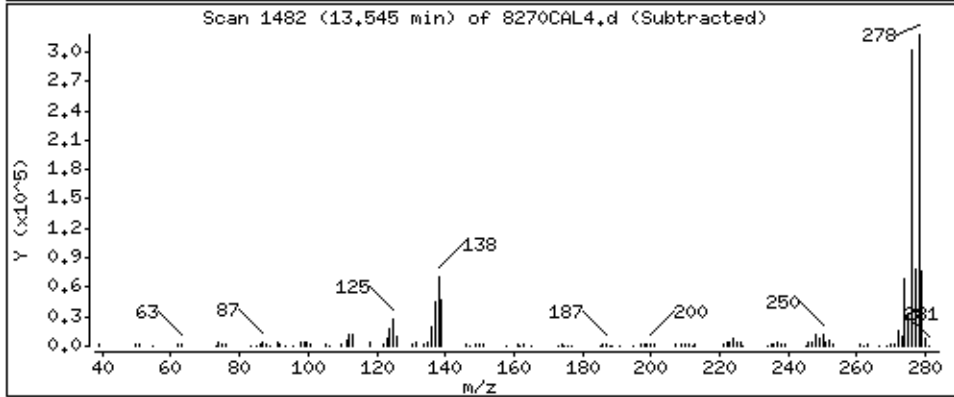
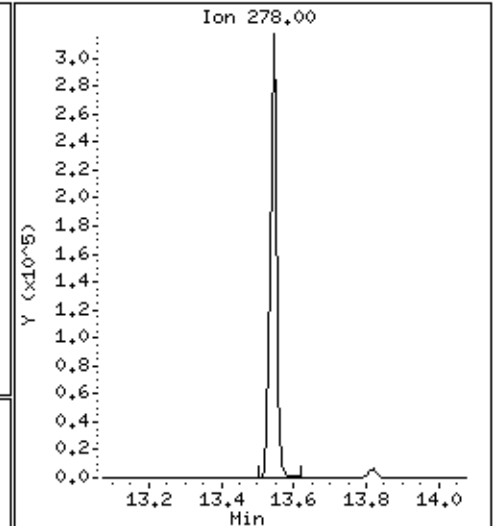
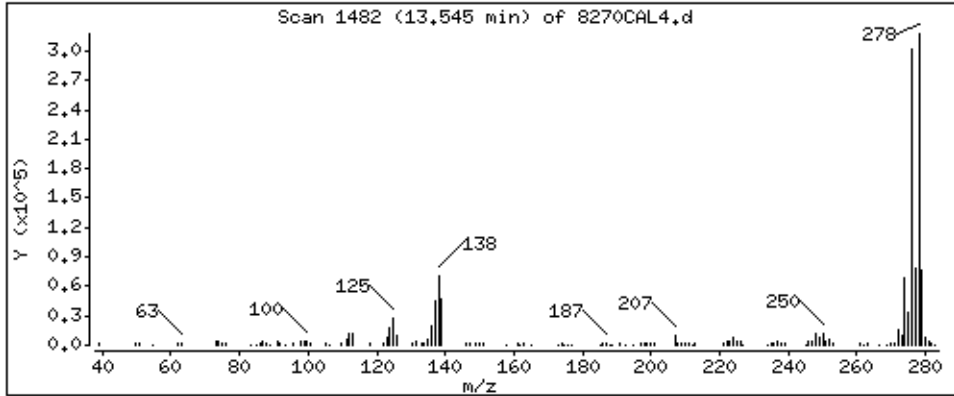
Operator: MJ

Column phase: HPHS-5

Column diameter: 0,25

134 Dibenz[a,h]anthracene

Concentration: 47,3 ug/l



Date : 20-NOV-2012 16:30

Client ID: 8270CAL4

Instrument: smsd04.i

Sample Info: 47766

Purge Volume: 1000.0

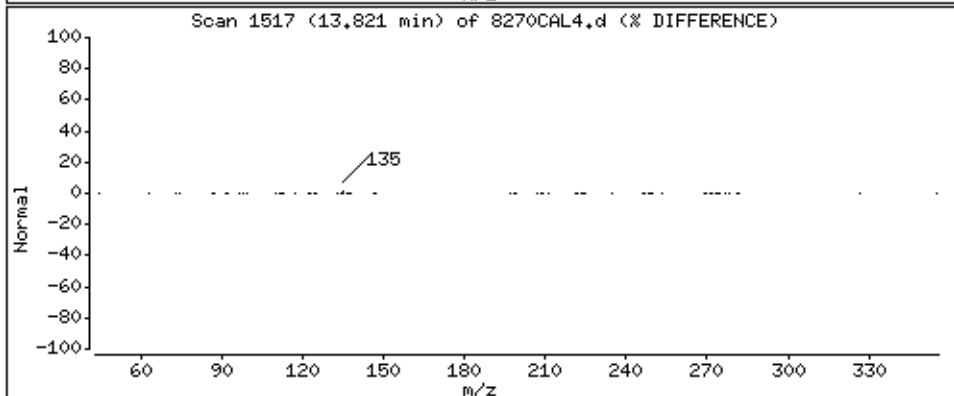
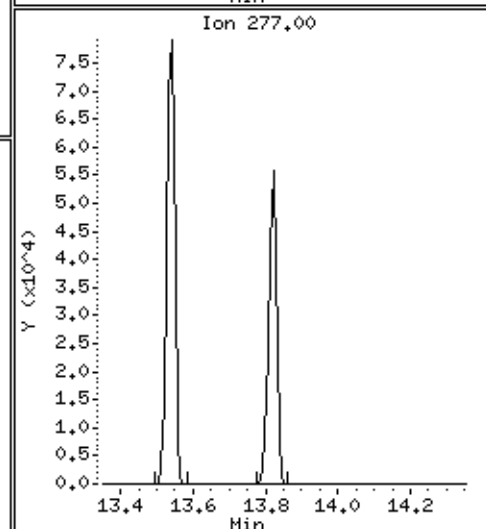
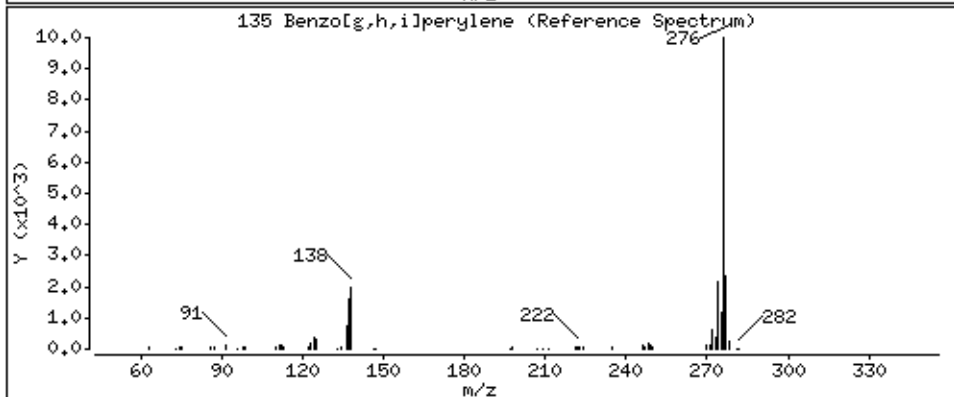
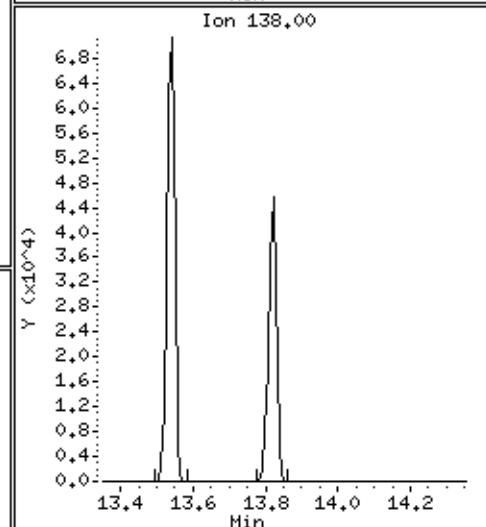
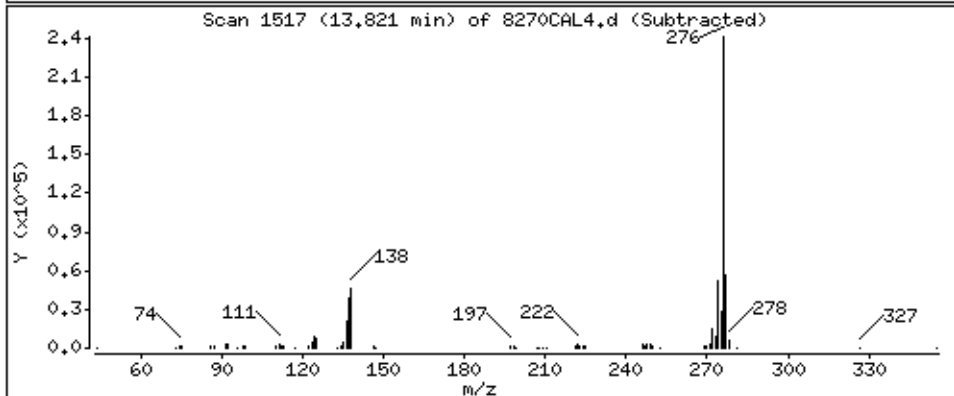
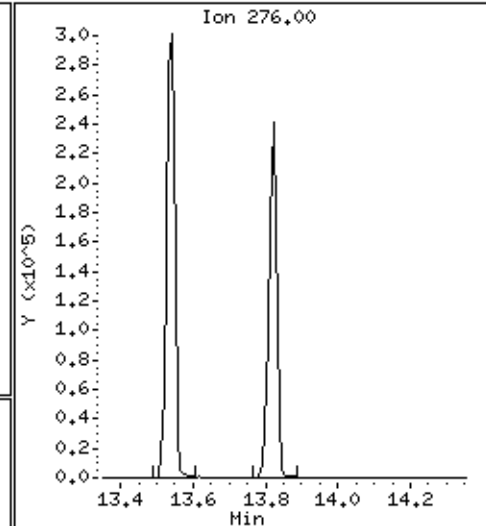
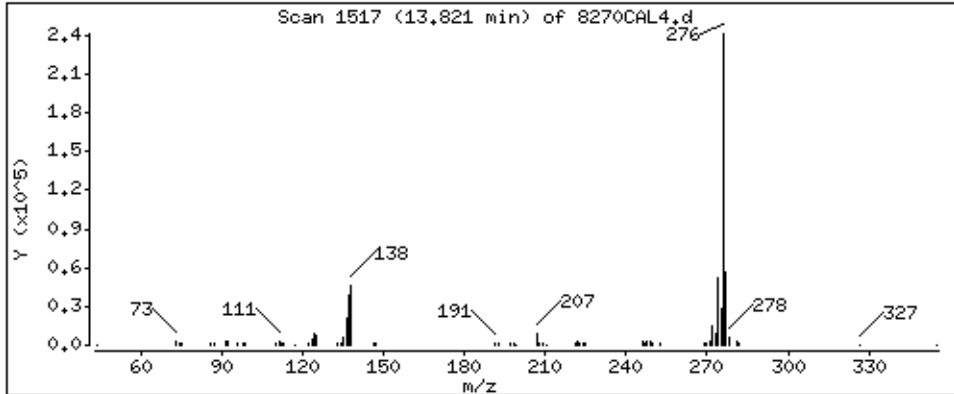
Operator: MJ

Column phase: HPMS-5

Column diameter: 0,25

135 Benzo[g,h,i]perylene

Concentration: 46.4 ug/l



PEL Laboratories, Inc.

Data file : \\Svecd04\DD\chem\smsd04.i\S4112012.b\BSCAL4.d  
 Lab Smp Id: 47965 Client Smp ID: BSCAL4  
 Inj Date : 20-NOV-2012 16:53 MS Autotune Date: 07-MAR-2012 16:32  
 Operator : MJ Inst ID: smsd04.i  
 Smp Info : 47965  
 Misc Info :  
 Comment :  
 Method : \\Svecd04\DD\chem\smsd04.i\S4112012.b\8270bcs.m  
 Meth Date : 27-Nov-2012 14:49 mjacobs Quant Type: ISTD  
 Cal Date : 15-NOV-2012 09:25 Cal File: AP9CAL7.d  
 Als bottle: 44 Continuing Calibration Sample  
 Dil Factor: 1.00000  
 Integrator: HP Genie Compound Sublist: BZSOWcal.sub  
 Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt \* DF \* (1/(Vo/1000))\*Vf \* CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1000.000	Volume of sample extracted (mL)
Vf	1.000	Final Volume
Cpnd Variable		Local Compound Variable

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET RANGE	RATIO	
9 Benzaldehyde CAS #: 100-52-7									
3.915	3.930 ( 0.915)		77	126331	45.0000	44.8	80.00- 120.00	100.00	
3.915	3.930 ( 0.915)		106	103153			52.13- 112.13	81.65	
3.915	3.930 ( 0.915)		51	56686			17.54- 77.54	44.87	
* 18 1,4-Dichlorobenzene-d4 CAS #: 3855-82-1									
4.281	4.297 ( 1.000)		152	90341	40.0000		80.00- 120.00	100.00	
4.280	4.297 ( 1.000)		115	57336			32.81- 92.81	63.47	
4.281	4.297 ( 1.000)		150	144275			161.37- 221.37	159.70	
25 Acetophenone CAS #: 98-86-2									
4.659	4.675 ( 0.855)		105	193417	45.0000	42.7	80.00- 120.00	100.00	
4.659	4.675 ( 0.855)		77	180366			60.51- 120.51	93.25	
4.659	4.675 ( 0.855)		51	59384			1.60- 61.60	30.70	
* 43 Naphthalene-d8 CAS #: 1146-65-2									
5.450	5.467 ( 1.000)		136	301133	40.0000		80.00- 120.00	100.00	
5.449	5.467 ( 1.000)		68	21489			0.00- 37.30	7.14	
50 Caprolactam CAS #: 105-60-2									
5.827	5.836 ( 1.069)		55	57047	45.0000	46.3	80.00- 120.00	100.00	
5.828	5.836 ( 1.069)		113	43201			40.21- 100.21	75.73	

AMOUNTS									
RT	EXP RT	REL RT	MASS	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)	TARGET	RANGE	RATIO
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
50 Caprolactam (continued)									
5.827	5.836	( 1.069)	85	31267			19.92-	79.92	54.81
-----									
61 1,1-Biphenyl						CAS #: 92-52-4			
6.583	6.598	( 0.920)	154	327363	45.0000	45.4	80.00-	120.00	100.00
6.583	6.598	( 0.920)	76	47360			0.00-	46.03	14.47
6.583	6.598	( 0.920)	51	23388			0.00-	37.80	7.14
-----									
* 70 Acenaphthene-d10						CAS #: 15067-26-2			
7.154	7.170	( 1.000)	164	194014	40.0000		80.00-	120.00	100.00
7.154	7.170	( 1.000)	162	185689			64.44-	124.44	95.71
7.154	7.170	( 1.000)	160	81725			11.89-	71.89	42.12
-----									
95 Atrazine						CAS #: 1912-24-9			
8.351	8.365	( 0.973)	200	95983	45.0000	47.8	80.00-	120.00	100.00
8.350	8.365	( 0.973)	58	40581			14.20-	74.20	42.28
8.351	8.365	( 0.973)	215	50386			20.34-	80.34	52.49
-----									
* 100 Phenanthrene-d10						CAS #: 1517-22-2			
8.586	8.603	( 1.000)	188	364557	40.0000		80.00-	120.00	100.00
8.585	8.603	( 1.000)	94	37090			0.00-	40.88	10.17
8.585	8.603	( 1.000)	80	41264			0.00-	41.92	11.32
-----									
110 Benzidine						CAS #: 92-87-5			
9.911	9.928	( 0.886)	184	376647	45.0000	51.0	80.00-	120.00	100.00
9.911	9.928	( 0.885)	92	32405			0.00-	38.66	8.60
9.911	9.928	( 0.886)	185	52043			0.00-	43.92	13.82
-----									
122 3,3'-Dichlorobenzidine						CAS #: 91-94-1			
11.163	11.181	( 0.997)	252	225527	45.0000	50.3	80.00-	120.00	100.00
11.163	11.181	( 0.997)	254	144459			34.93-	94.93	64.05
11.163	11.181	( 0.997)	126	25067			0.00-	41.83	11.11
-----									
* 121 Chrysene-d12						CAS #: 1719-03-5			
11.192	11.213	( 1.000)	240	426083	40.0000		80.00-	120.00	100.00
11.192	11.213	( 1.000)	120	42439			0.00-	40.23	9.96
11.192	11.213	( 1.000)	236	104662			0.00-	54.43	24.56
-----									
* 130 Perylene-d12						CAS #: 1520-96-3			
12.510	12.532	( 1.000)	264	395073	40.0000		80.00-	120.00	100.00
12.510	12.532	( 1.000)	260	87446			0.00-	52.28	22.13
12.510	12.532	( 1.000)	265	85577			0.00-	51.45	21.66
-----									

Date : 20-NOV-2012 16:53

Client ID: BSCAL4

Sample Info: 47965

Purge Volume: 1000,0

Column phase: HPMS-5

Instrument: smsd04.i

Operator: MJ

Column diameter: 0.25

