Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040715\
Data File : BM000890.D
Acq On : 07 Apr 2015 22:23
Operator : TP/IZ
Sample : G1696-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S32-0462

Quant Time: Apr 08 01:15:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 15:59:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	22906	5.00	ng		-0.04
11) Naphthalene-d8	10.39	136	118213	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	64506	5.00	ng		0.00
26) Phenanthrene-d10	17.01	188	129708	5.00	ng		0.00
30) Chrysene-d12	21.20	240	125278	5.00	ng		0.00
34) Perylene-d12	23.38	264	115684	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	32872	4.28	ng		0.00
5) Phenol-d6	6.77	99	31123	2.14	ng		0.00
12) Nitrobenzene-d5	8.73	82	43743	7.42	ng		-0.04
20) 2,4,6-Tribromophenol	15.76	330	37581	13.78	ng		0.00
23) 2-Fluorobiphenyl	12.87	172	190569	9.58	ng		0.00
32) Terphenyl-d14	19.65	244	176322	11.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	3290	0.88	ng	#	77
6) 2-Chlorophenol	7.17	128	62	0.17	ng	#	1
7) Phenol	6.81	94	4790	0.50	ng		98
8) bis(2-Chloroethyl)ether	6.81	93	56	0.20	ng		99
9) 2-Methylphenol	8.06	107	28	0.00	ng	#	19
10) 3+4-Methylphenols	8.38	107	165	0.24	ng	#	36
13) Nitrobenzene	8.73	77	229	0.04	ng	#	35
14) 2-Nitrophenol	9.20	139	275	0.20	ng	#	1
15) 2,4-Dimethylphenol	9.58	122	77	0.01	ng	#	46
16) 2,4-Dichlorophenol	10.04	162	33	0.23	ng	#	31
17) Hexachlorobutadiene	10.72	225	49	0.01	ng	#	47
18) 4-Chloro-3-methylphenol	11.71	107	170	0.24	ng	#	59
21) 2,4,6-Trichlorophenol	12.69	196	24	0.24	ng	#	71
22) 2,4,5-Trichlorophenol	12.69	196	26	0.20	ng		88
25) 4-Nitrophenol	14.54	139	183	0.31	ng	#	59
27) 4,6-Dinitro-2-methylphenol	15.76	198	107	0.24	ng	#	1
28) Hexachlorobenzene	16.32	284	81	Below Cal		#	26
29) Pentachlorophenol	16.68	266	49	0.54	ng	#	79
31) Benzidine	19.22	184	53	Below Cal		#	1
33) 3,3'-Dichlorobenzidine	21.12	252	41	Below Cal		#	20

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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Acq On : 07 Apr 2015 22:23
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ALS Vial : 50 Sample Multiplier: 1

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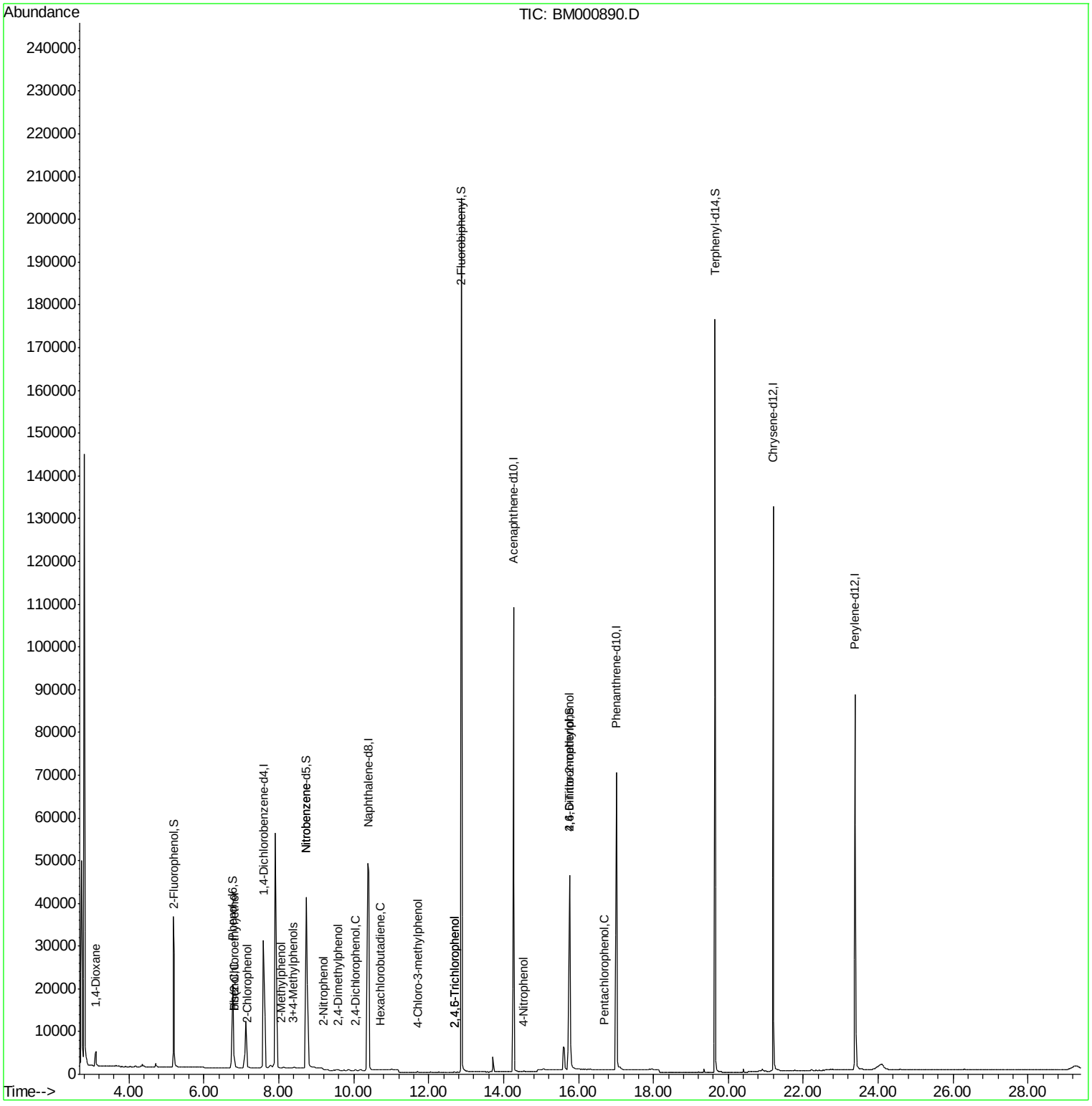
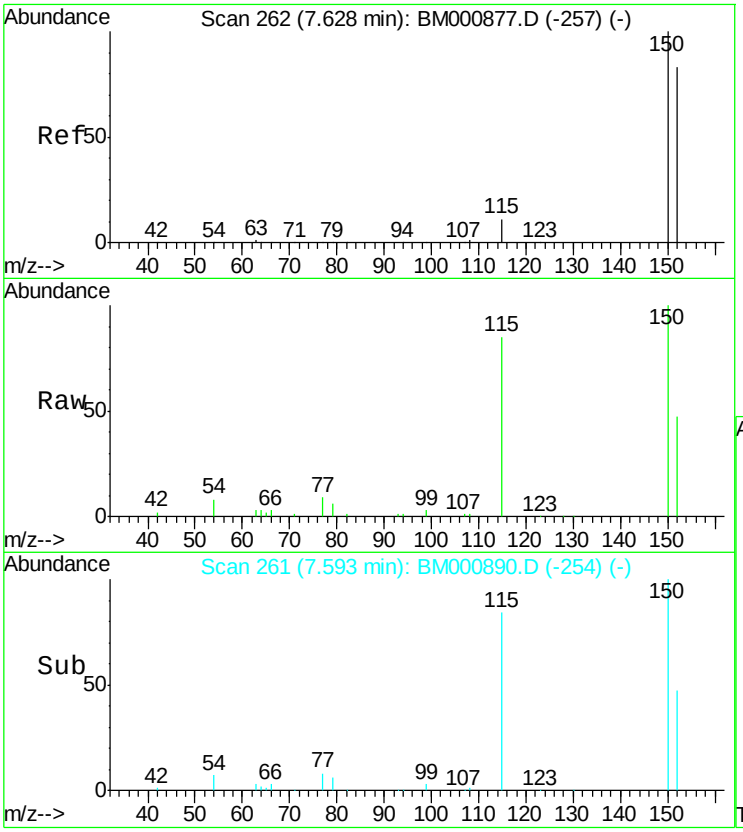


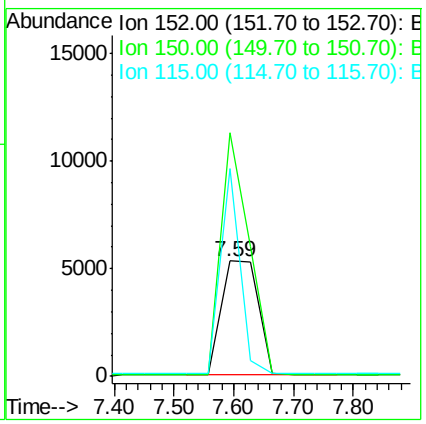


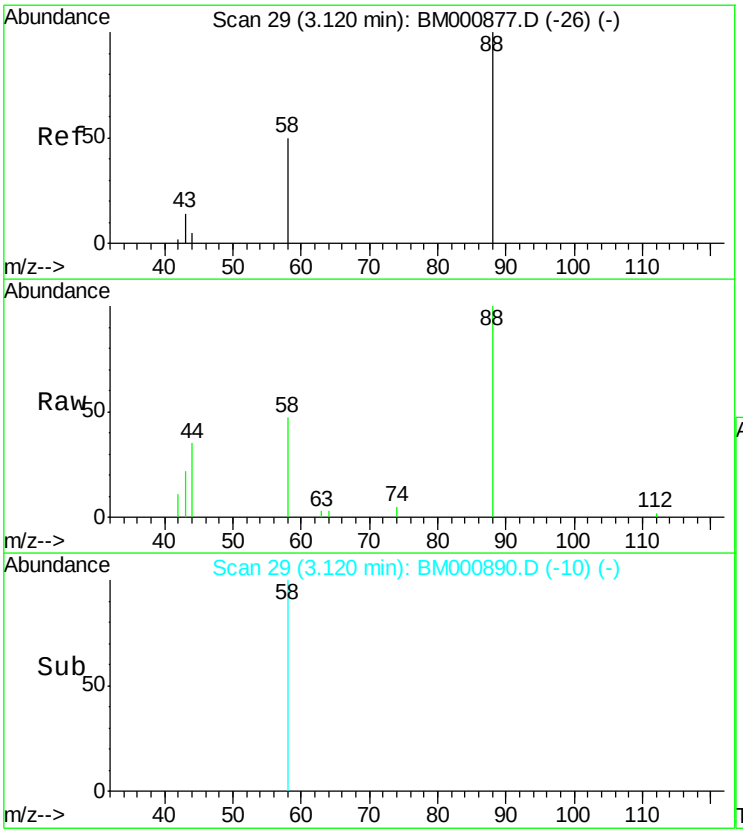
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.59 min Scan# 261
Delta R.T. -0.04 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:152 Resp: 22906

Ion	Ratio	Lower	Upper
152	100		
150	210.9	96.5	144.7#
115	179.6	11.9	17.9#

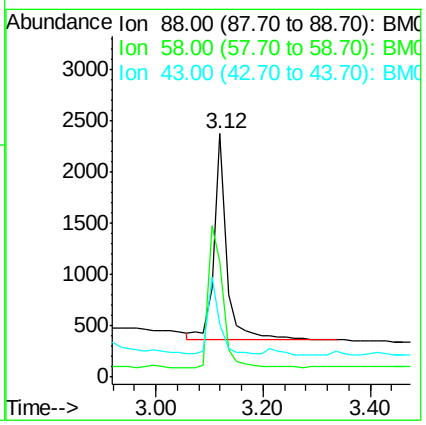


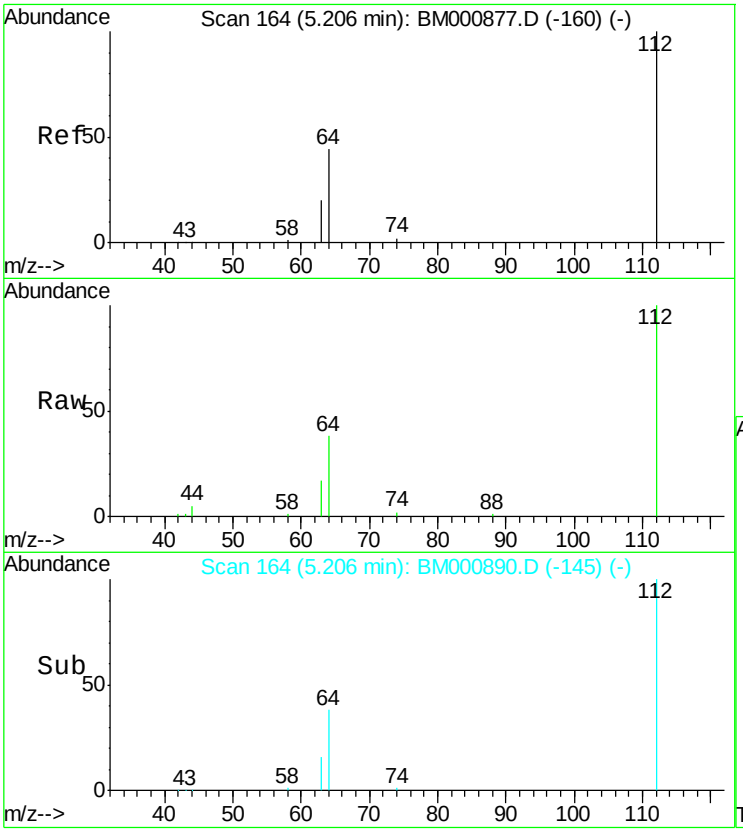


#2
1,4-Dioxane
Concen: 0.88 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion: 88 Resp: 3290

Ion	Ratio	Lower	Upper
88	100		
58	77.7	56.7	85.1
43	0.0	25.0	37.6#



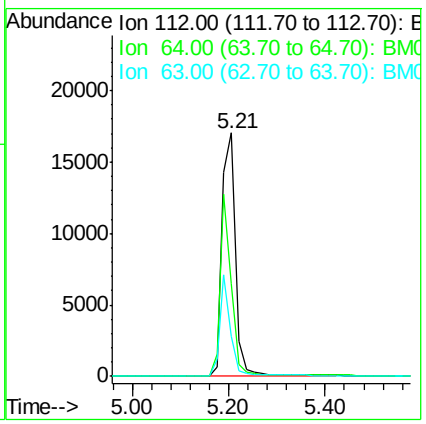


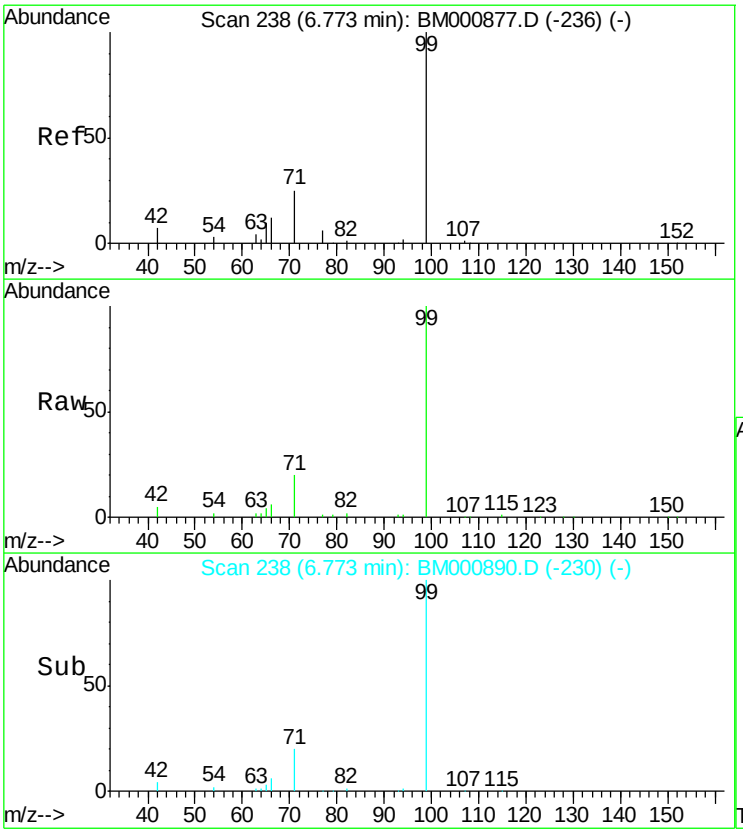
#4
2-Fluorophenol
Concen: 4.28 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:112 Resp: 32872

Ion	Ratio	Lower	Upper
112	100		
64	37.8	35.7	53.5
63	16.6	17.0	25.4#

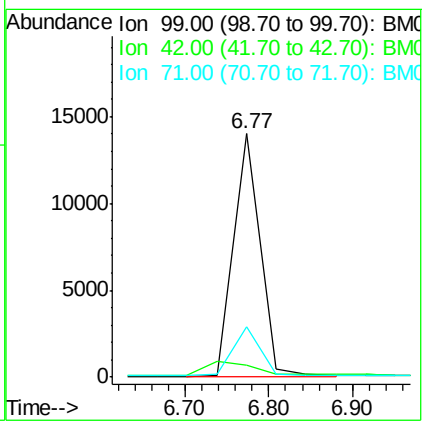


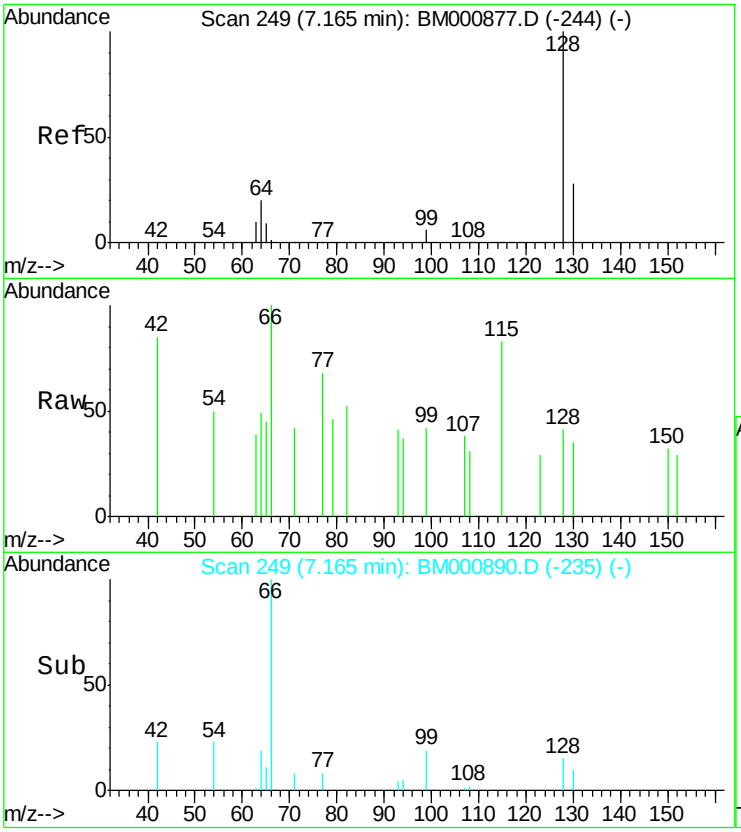


#5
Phenol-d6
Concen: 2.14 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion: 99 Resp: 31123

Ion	Ratio	Lower	Upper
99	100		
42	4.7	7.5	11.3#
71	20.5	21.3	31.9#



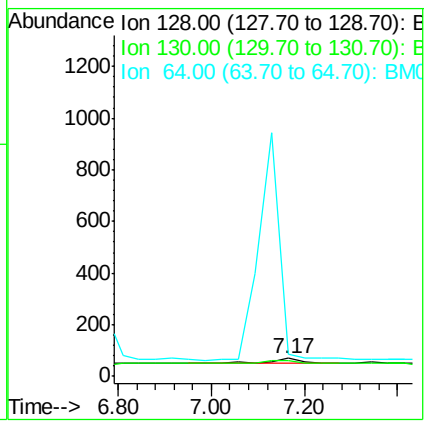


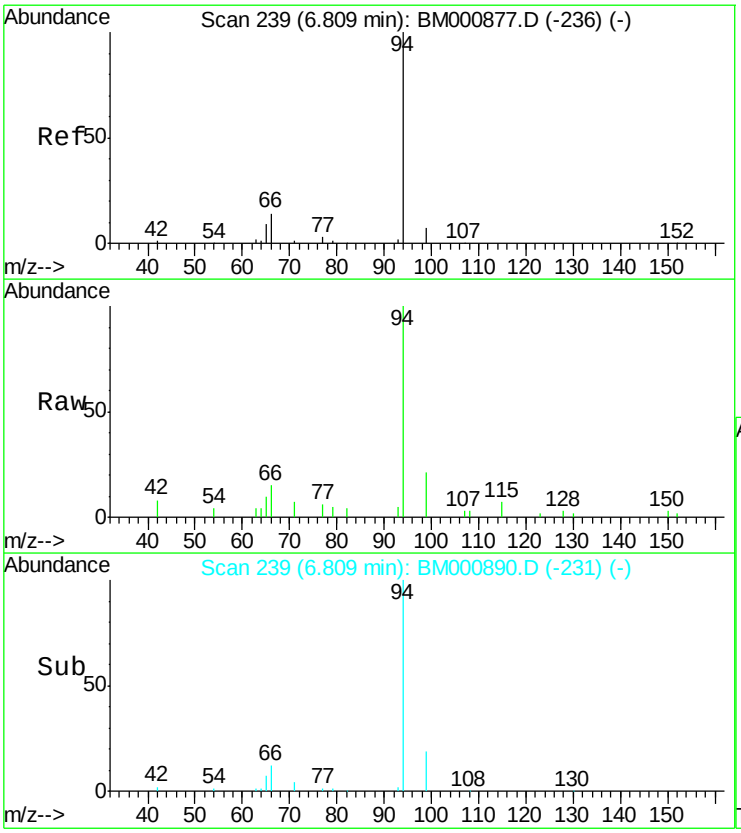
#6
2-Chlorophenol
Concen: 0.17 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:128 Resp: 62

Ion	Ratio	Lower	Upper
128	100		
130	85.9	9.4	49.4#
64	118.3	2.1	42.1#

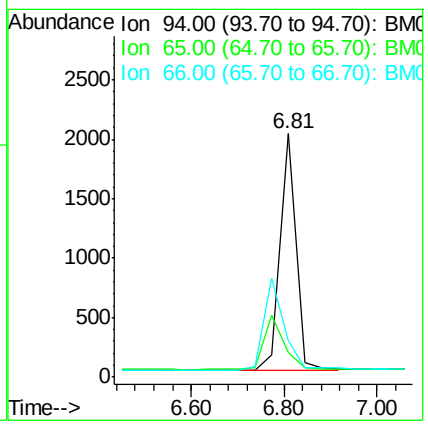


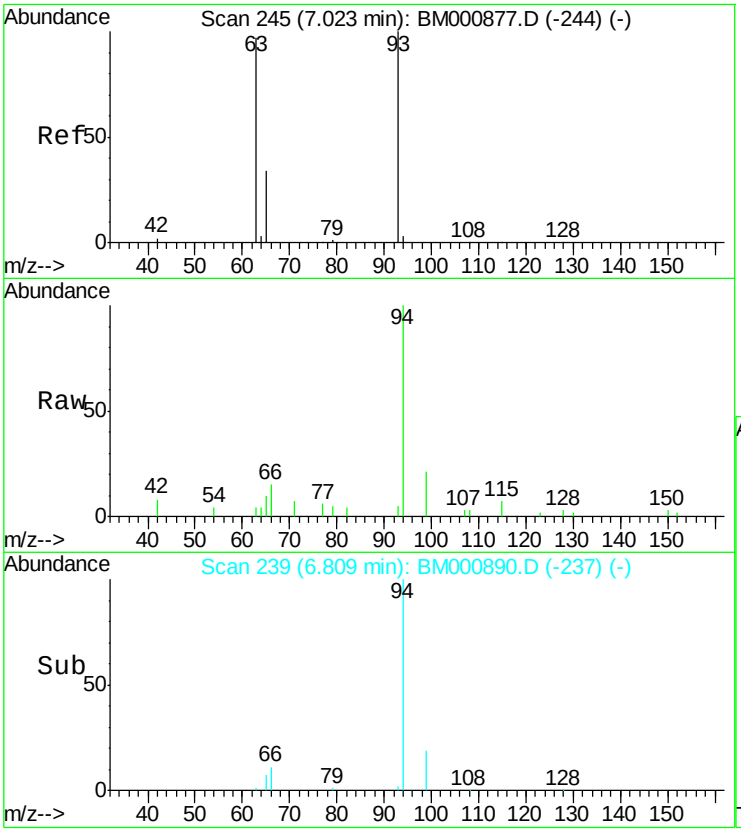


#7
Phenol
Concen: 0.50 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion: 94 Resp: 4790

Ion	Ratio	Lower	Upper
94	100		
65	10.3	0.0	30.9
66	14.9	0.0	35.8



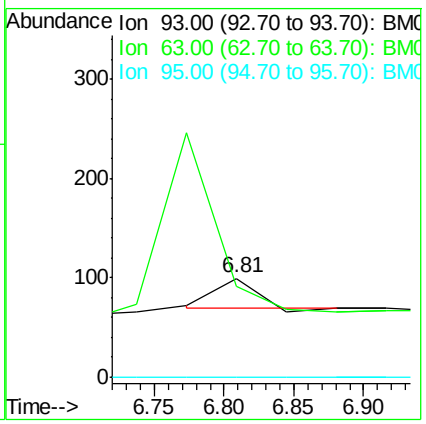


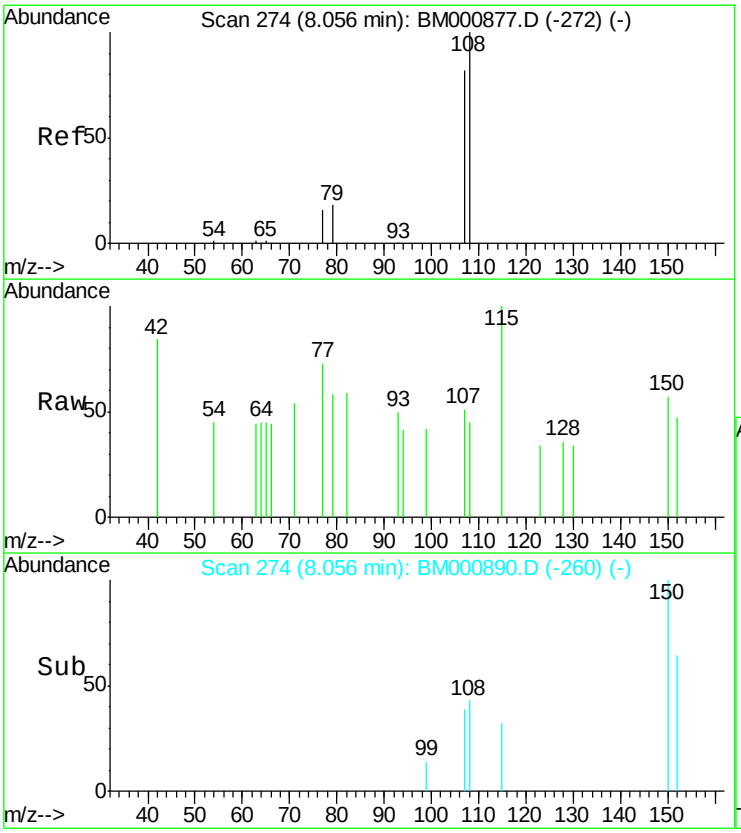
#8
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.21 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion: 93 Resp: 56

Ion	Ratio	Lower	Upper
93	100		
63	91.9	73.3	113.3
95	0.0	0.0	20.0

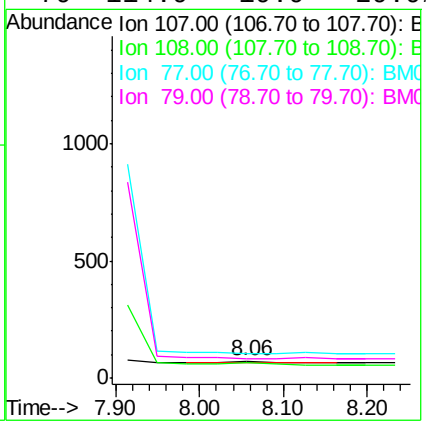


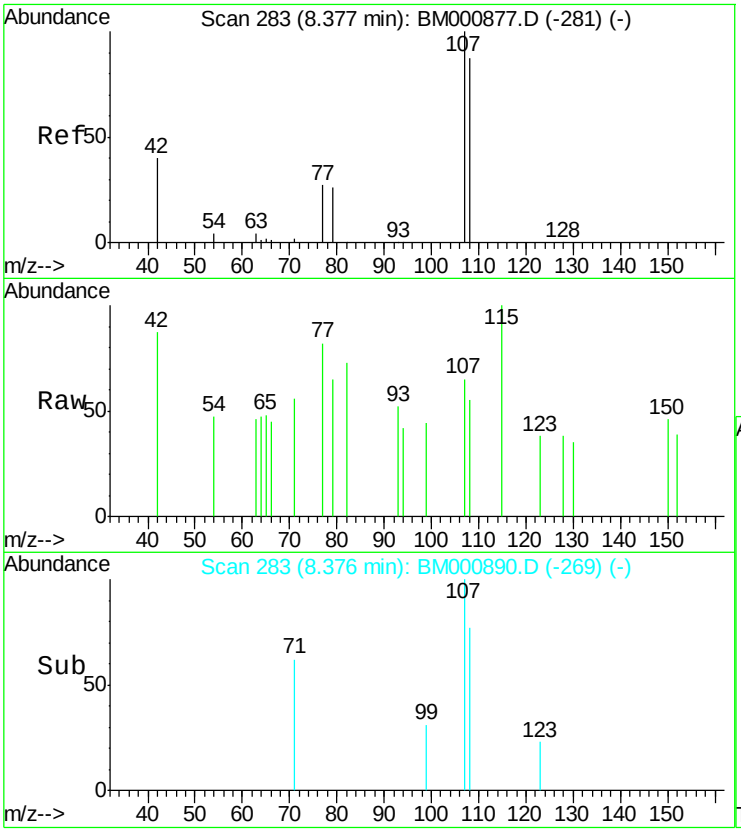


#9
2-Methylphenol
Concen: 0.00 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion:107 Resp: 28

Ion	Ratio	Lower	Upper
107	100		
108	89.2	96.7	145.1#
77	144.6	18.3	27.5#
79	114.9	19.9	29.9#



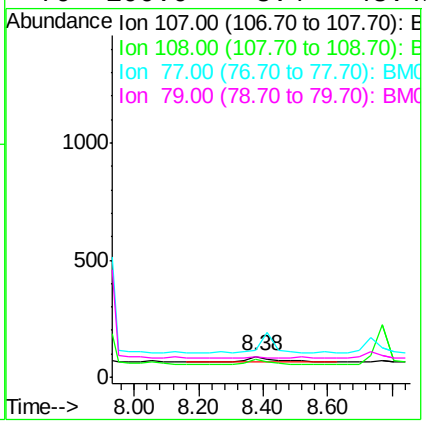


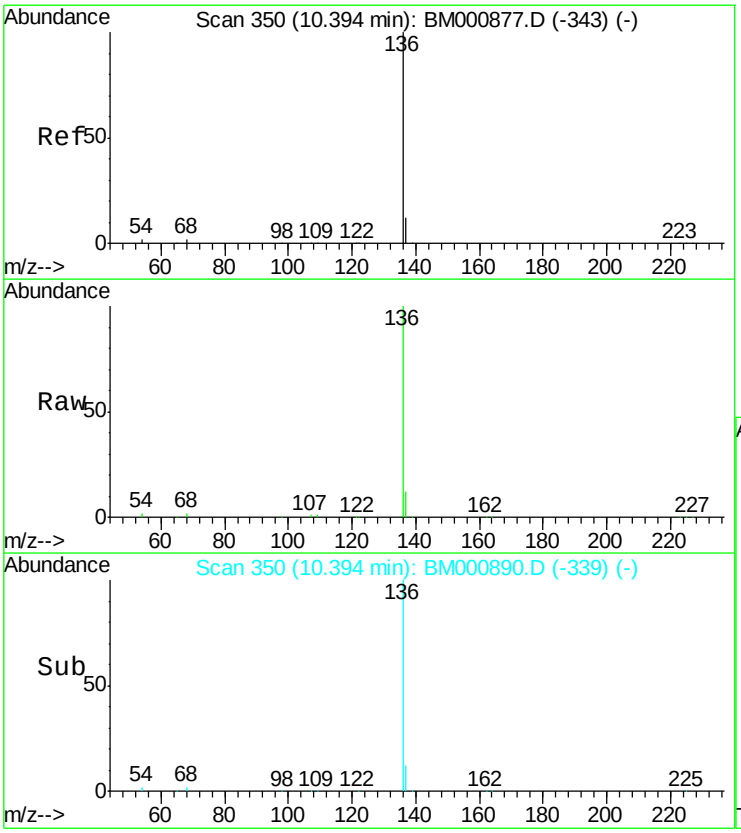
#10
3+4-Methylphenols
Concen: 0.24 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:107 Resp: 165

Ion	Ratio	Lower	Upper
107	100		
108	85.6	67.6	107.6
77	126.7	10.0	50.0#
79	100.0	8.4	48.4#

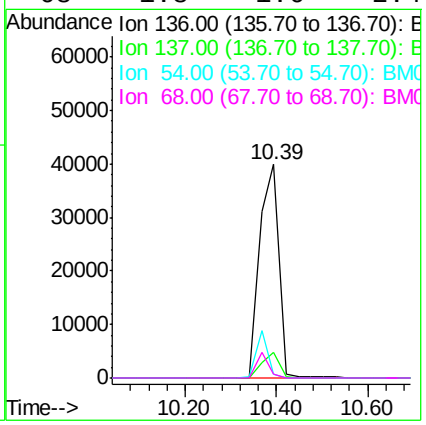


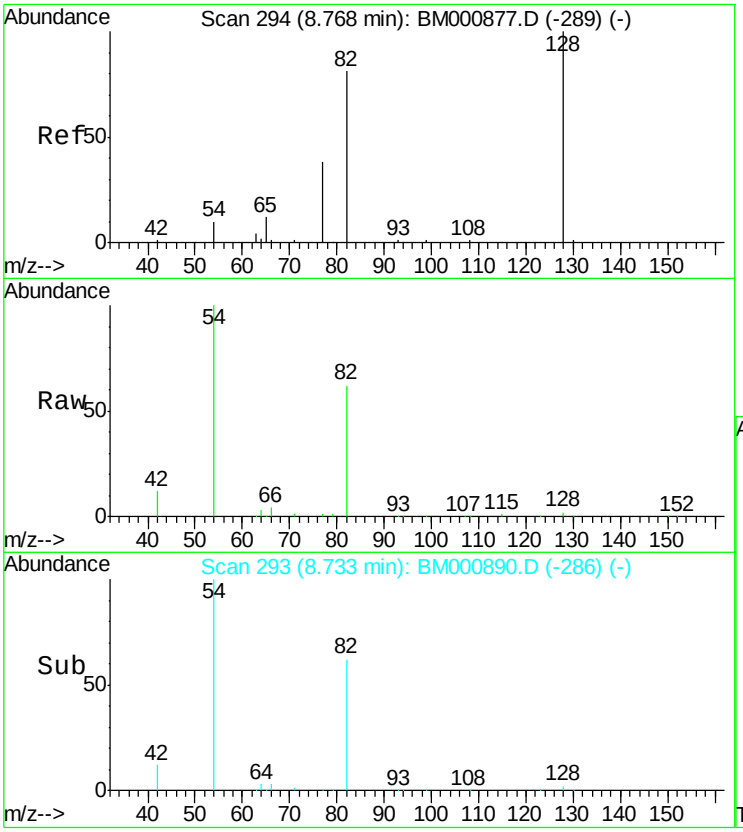


#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion:136 Resp: 118213

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	1.7	1.5	2.3
68	1.8	1.6	2.4



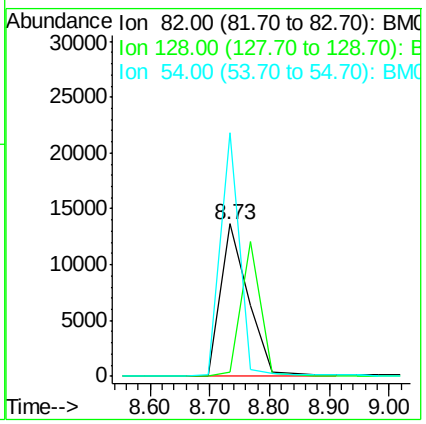


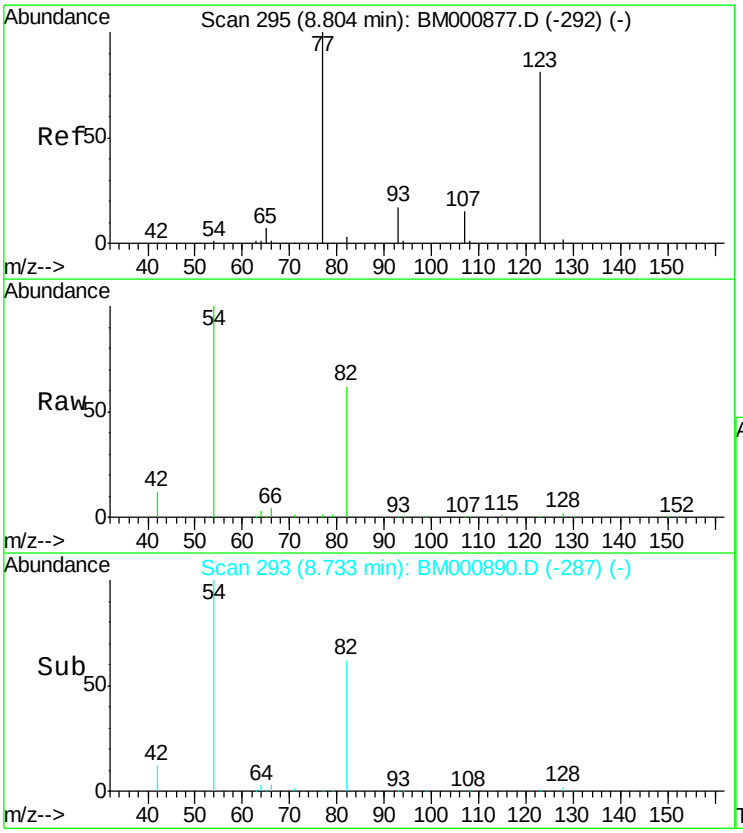
#12
Nitrobenzene-d5
Concen: 7.42 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.04 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion: 82 Resp: 43743

Ion	Ratio	Lower	Upper
82	100		
128	3.2	96.2	144.2#
54	160.1	15.0	22.6#

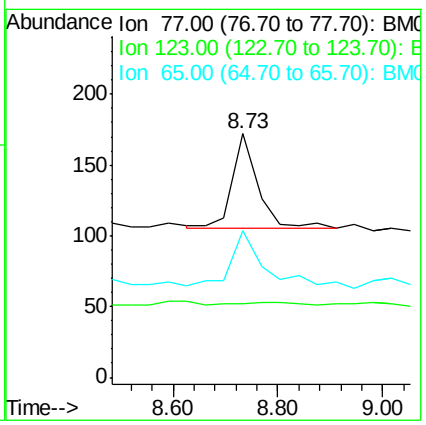


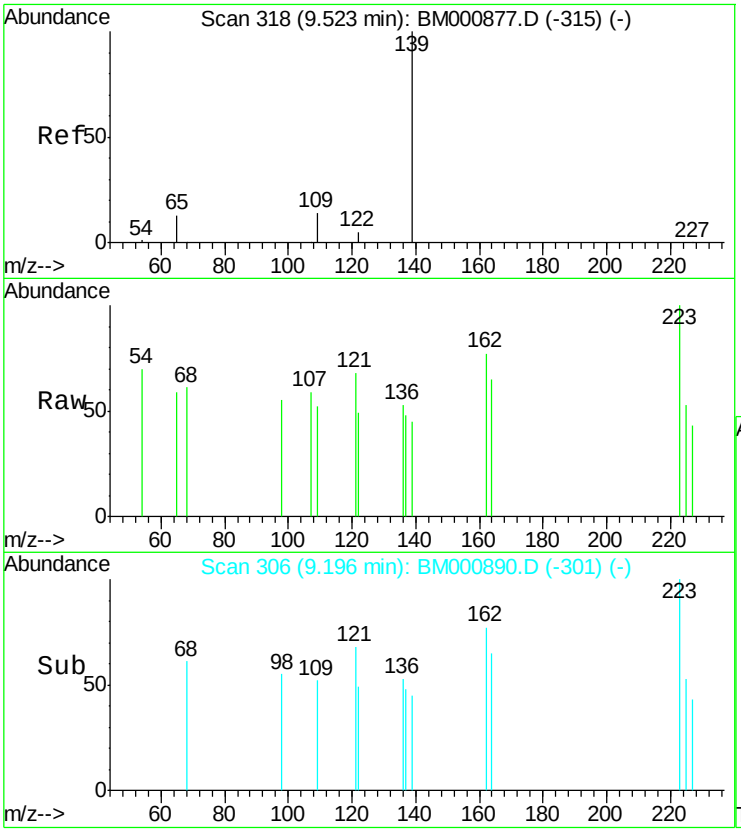


#13
Nitrobenzene
Concen: 0.04 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.07 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion: 77 Resp: 229

Ion	Ratio	Lower	Upper
77	100		
123	30.2	64.0	96.0#
65	60.5	8.7	13.1#



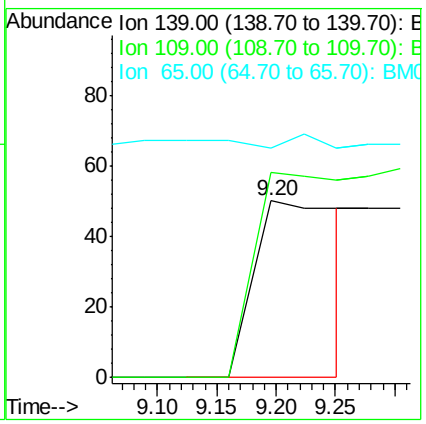


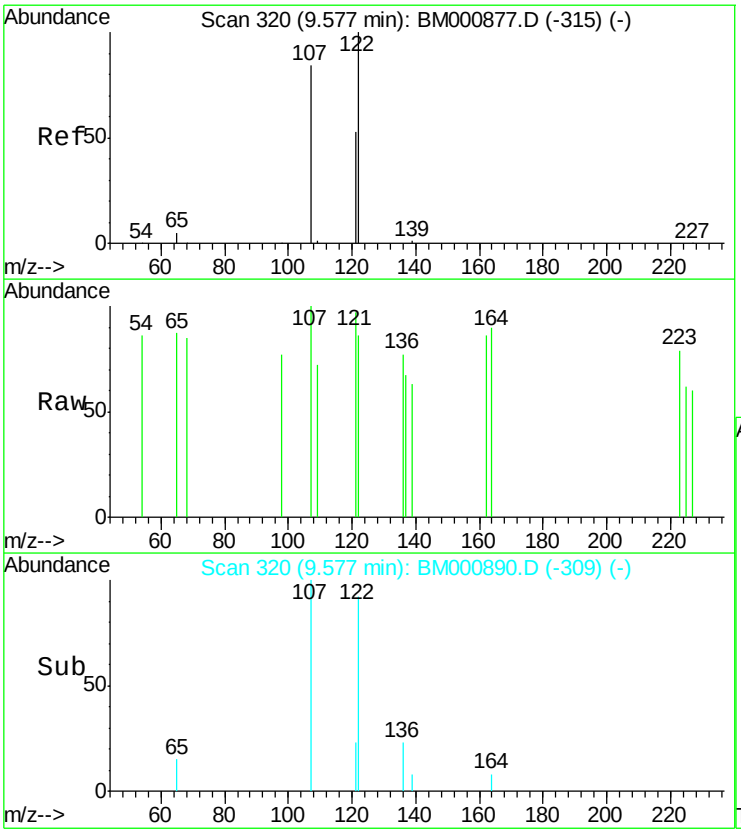
#14
2-Nitrophenol
Concen: 0.20 ng
RT: 9.20 min Scan# 306
Delta R.T. -0.33 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:139 Resp: 275

Ion	Ratio	Lower	Upper
139	100		
109	116.0	15.8	23.8#
65	130.0	16.2	24.2#

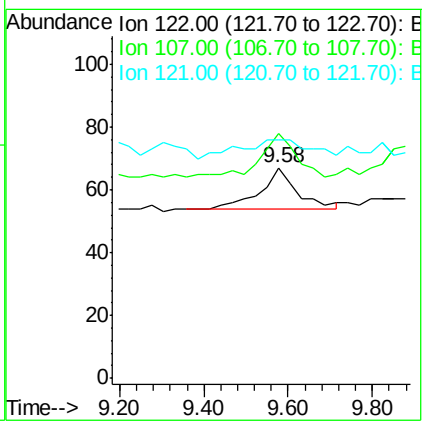


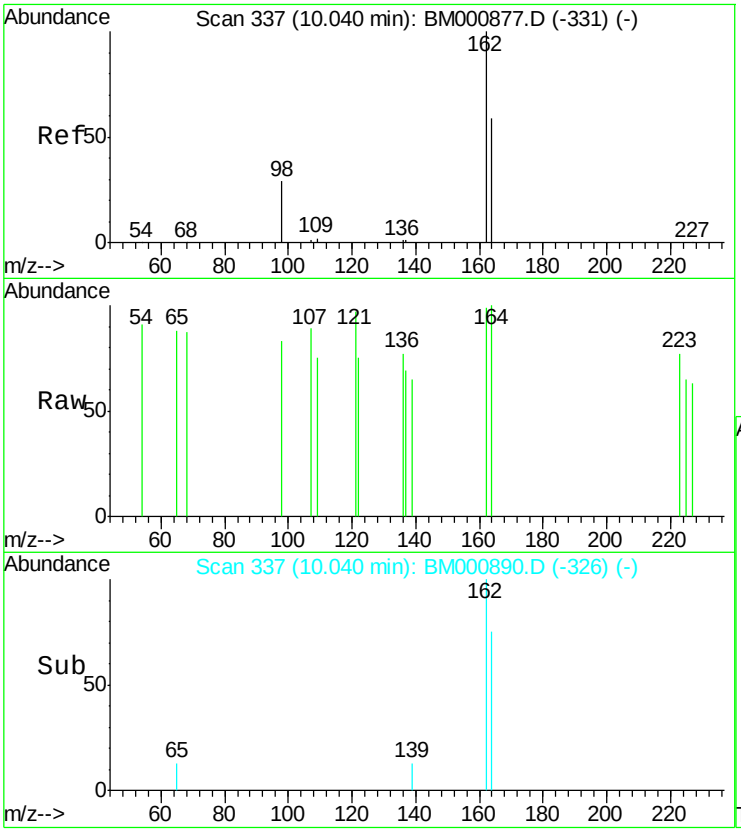


#15
2,4-Dimethylphenol
Concen: 0.01 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion:122 Resp: 77

Ion	Ratio	Lower	Upper
122	100		
107	116.4	67.4	101.2#
121	113.4	43.5	65.3#



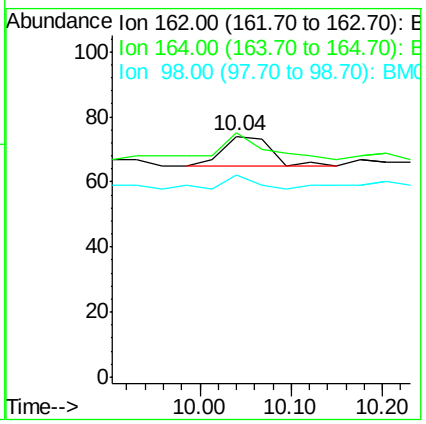


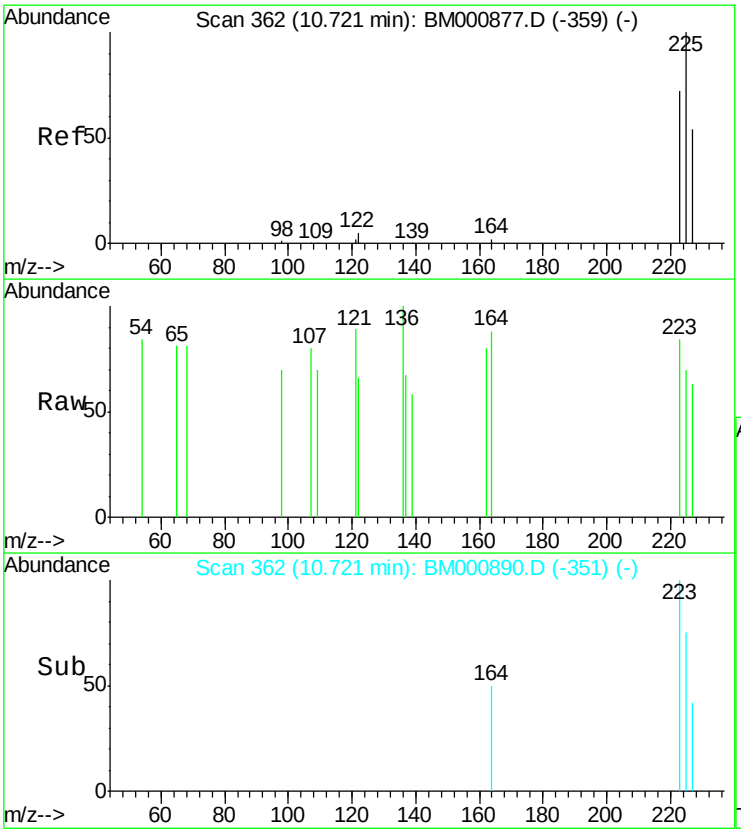
#16
2,4-Dichlorophenol
Concen: 0.23 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:162 Resp: 33

Ion	Ratio	Lower	Upper
162	100		
164	101.4	39.9	79.9#
98	83.8	11.3	51.3#

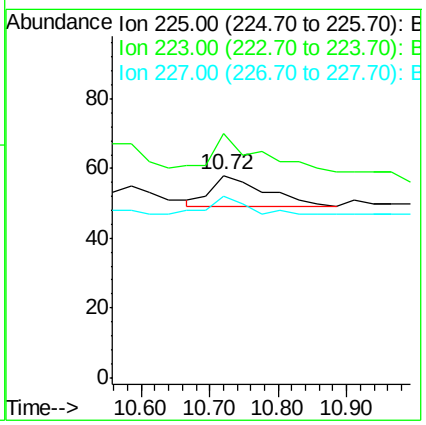


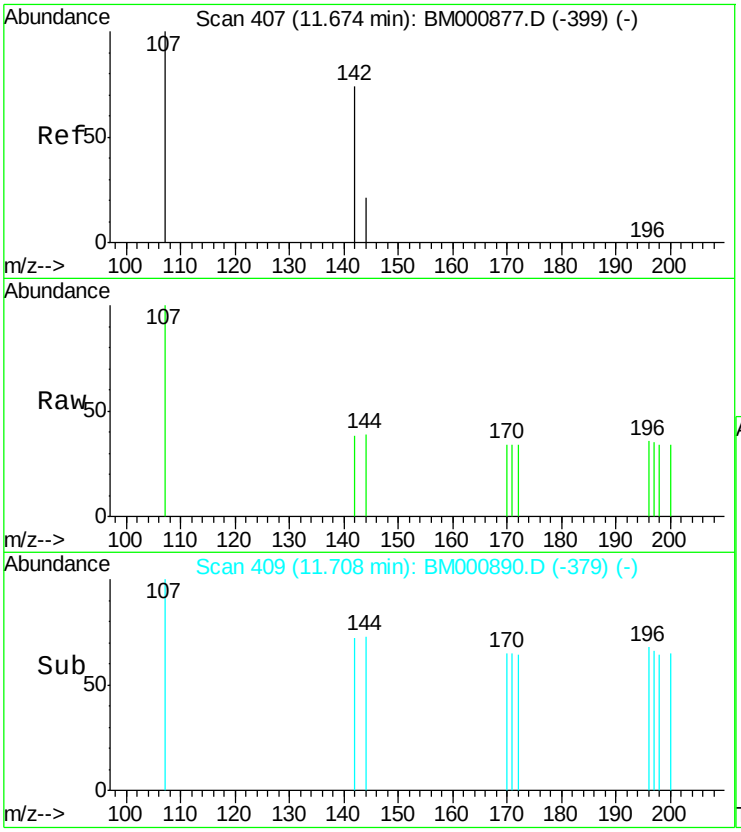


#17
Hexachlorobutadiene
Concen: 0.01 ng
RT: 10.72 min Scan# 362
Delta R.T. -0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion:225 Resp: 49

Ion	Ratio	Lower	Upper
225	100		
223	120.7	58.3	87.5#
227	89.7	44.5	66.7#



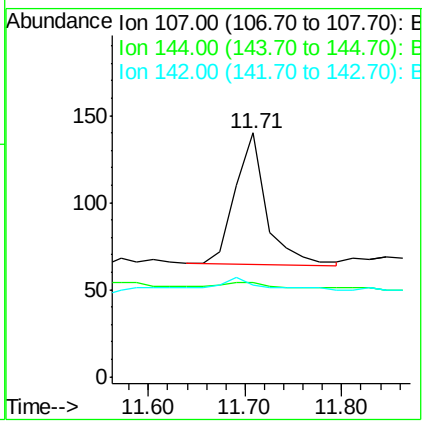


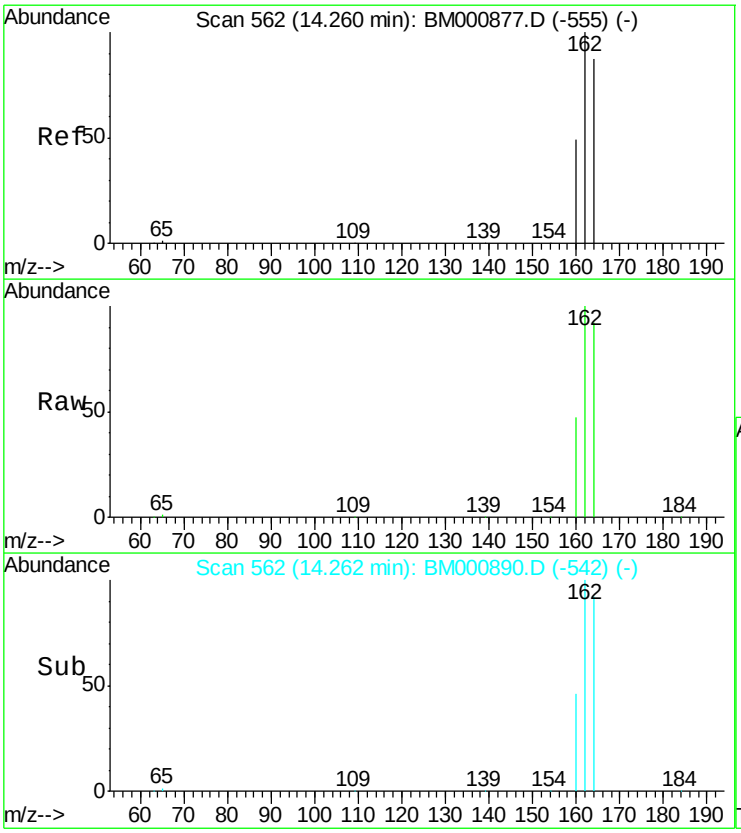
#18
4-Chloro-3-methylphenol
Concen: 0.24 ng
RT: 11.71 min Scan# 409
Delta R.T. 0.03 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:107 Resp: 170

Ion	Ratio	Lower	Upper
107	100		
144	38.6	18.4	27.6#
142	37.9	59.9	89.9#

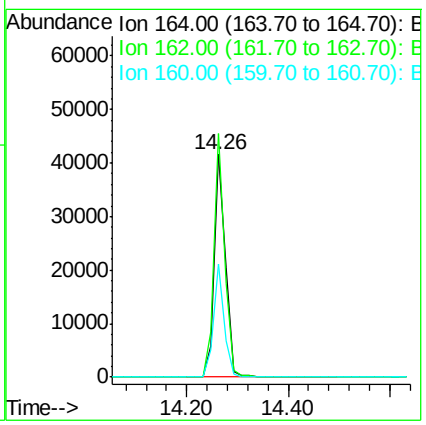


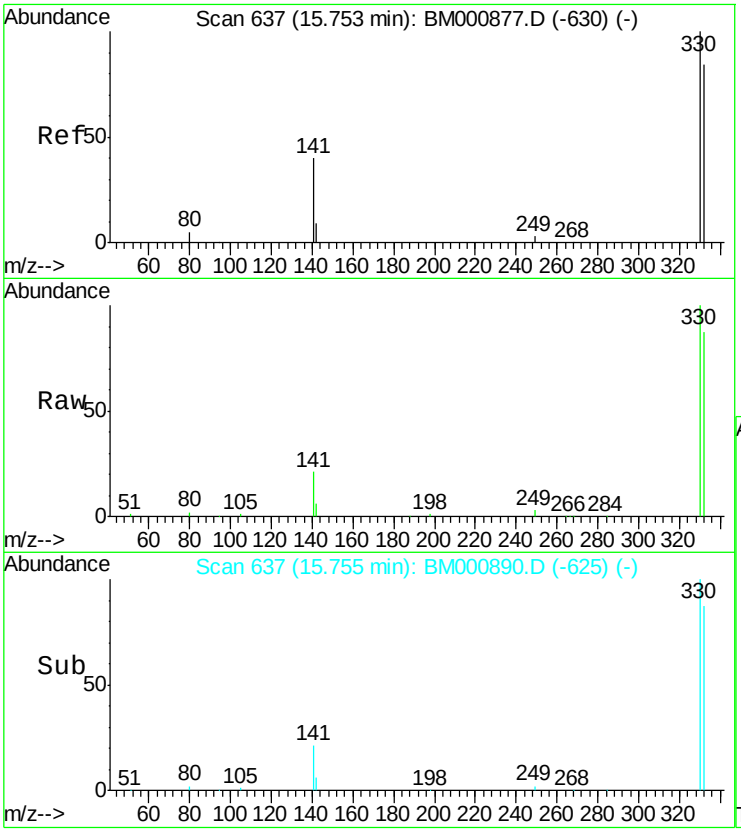


#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion:164 Resp: 64506

Ion	Ratio	Lower	Upper
164	100		
162	109.2	91.8	137.6
160	50.8	44.6	67.0



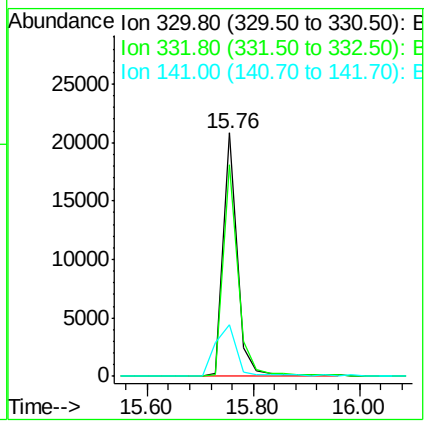


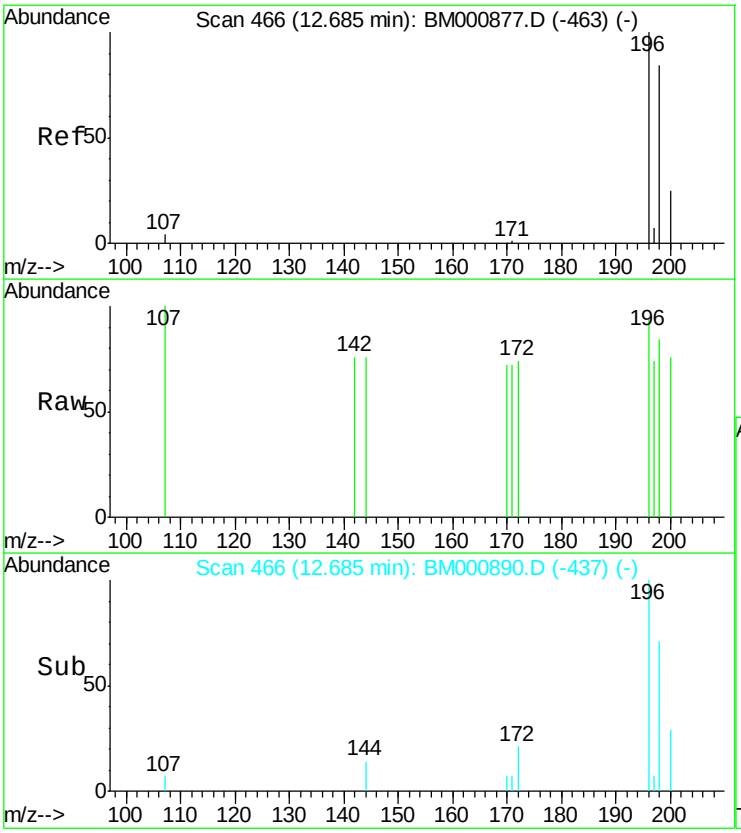
#20
2,4,6-Tribromophenol
Concen: 13.78 ng
RT: 15.76 min Scan# 637
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:330 Resp: 37581

Ion	Ratio	Lower	Upper
330	100		
332	90.9	72.6	109.0
141	32.3	29.8	44.6

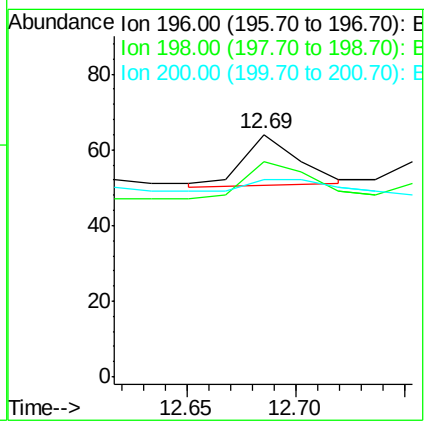


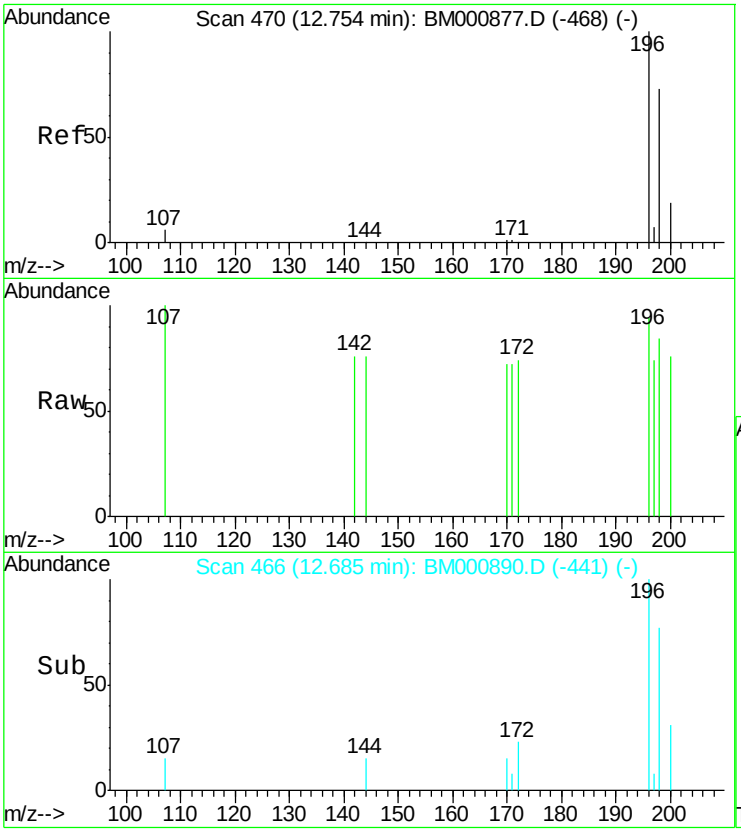


#21
2,4,6-Trichlorophenol
Concen: 0.24 ng
RT: 12.69 min Scan# 466
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion:196 Resp: 24

Ion	Ratio	Lower	Upper
196	100		
198	89.1	67.5	101.3
200	81.3	22.1	33.1#



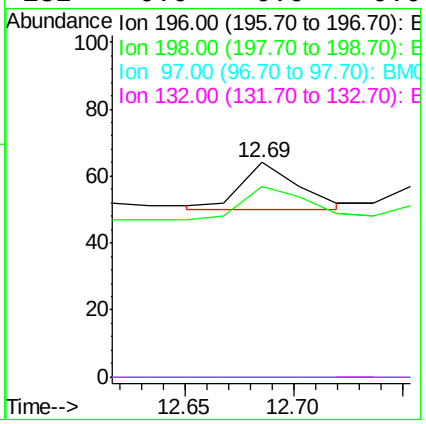


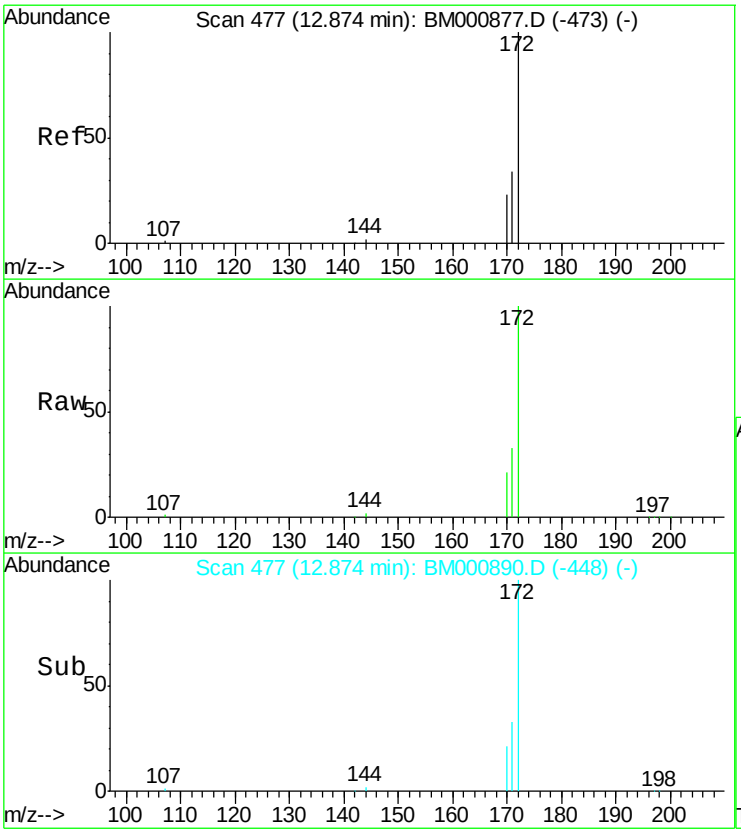
#22
2,4,5-Trichlorophenol
Concen: 0.20 ng
RT: 12.69 min Scan# 466
Delta R.T. -0.07 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:196 Resp: 26

Ion	Ratio	Lower	Upper
196	100		
198	89.1	62.7	94.1
97	0.0	0.0	0.0
132	0.0	0.0	0.0

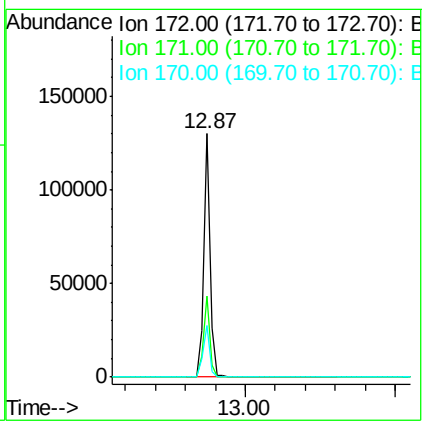


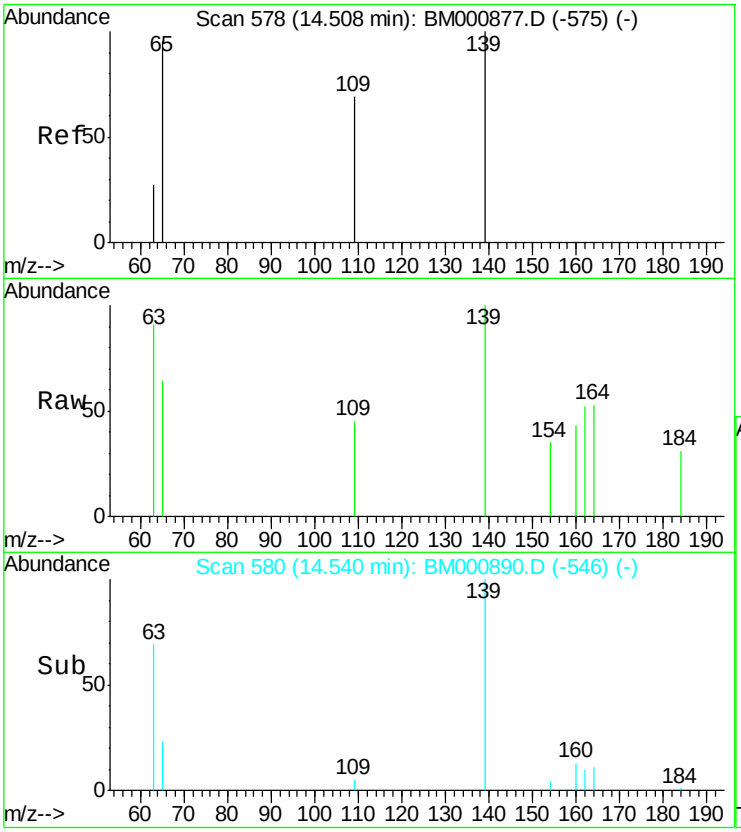


#23
2-Fluorobiphenyl
Concen: 9.58 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion:172 Resp: 190569

Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.8	41.8
170	21.2	19.0	28.6



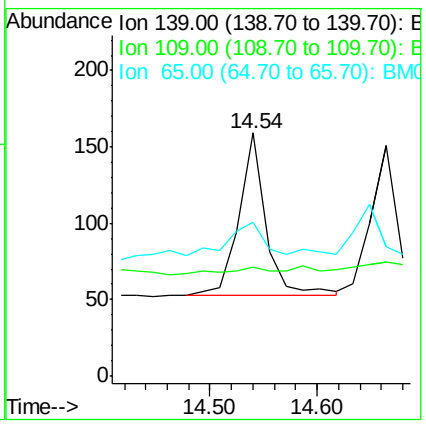


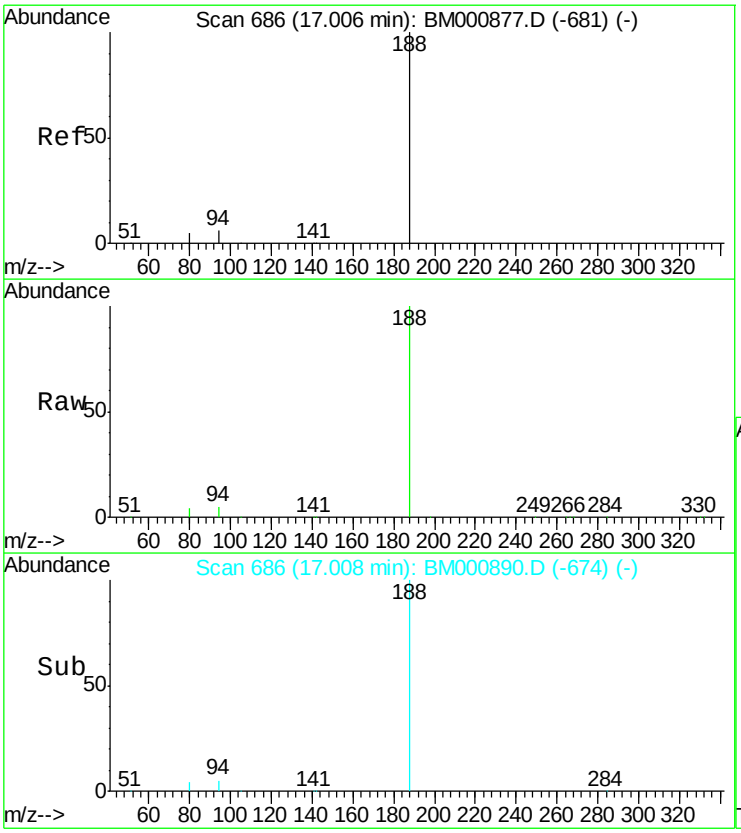
#25
4-Nitrophenol
Concen: 0.31 ng
RT: 14.54 min Scan# 580
Delta R.T. 0.03 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:139 Resp: 183

Ion	Ratio	Lower	Upper
139	100		
109	44.7	58.4	98.4#
65	63.5	87.7	127.7#

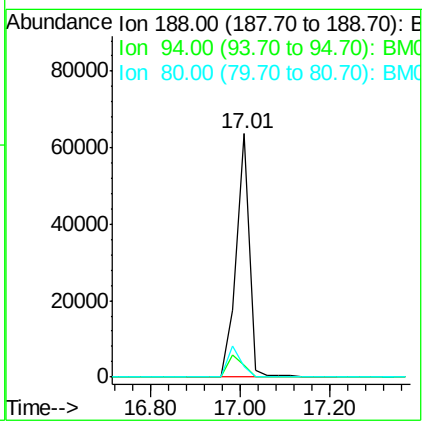


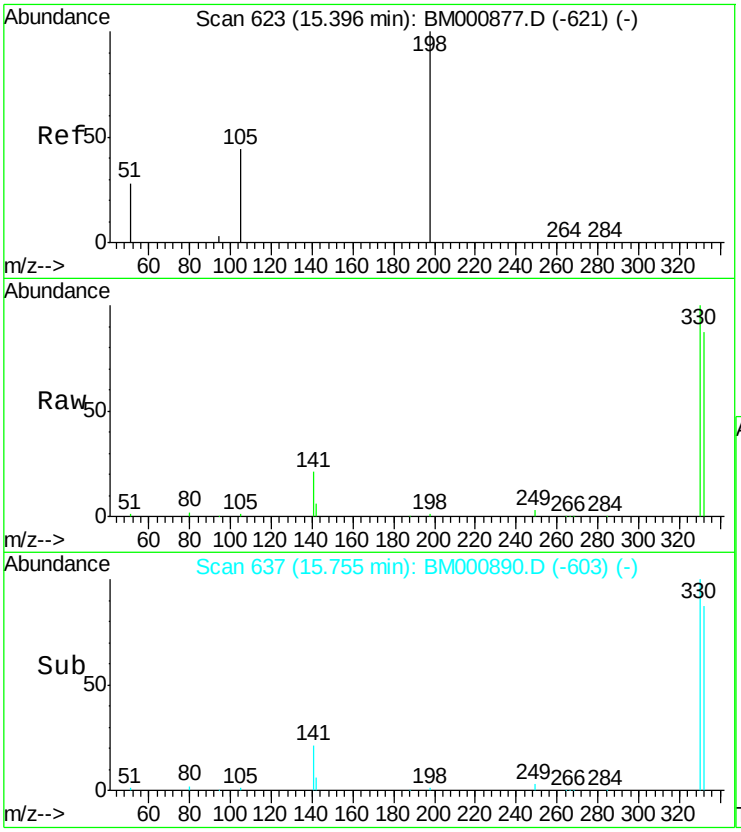


#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion:188 Resp: 129708

Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.9	7.3#
80	4.2	4.4	6.6#



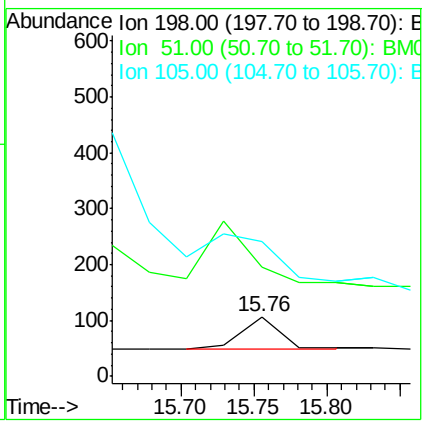


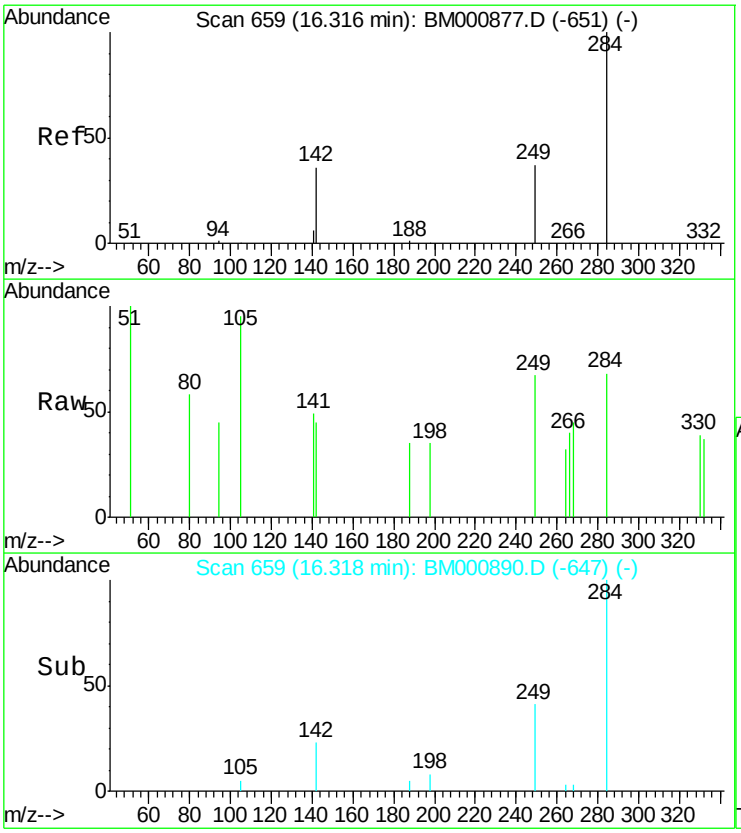
#27
4,6-Dinitro-2-methylphenol
Concen: 0.24 ng
RT: 15.76 min Scan# 637
Delta R.T. 0.36 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:198 Resp: 107

Ion	Ratio	Lower	Upper
198	100		
51	182.2	44.6	84.6#
105	225.2	36.0	76.0#

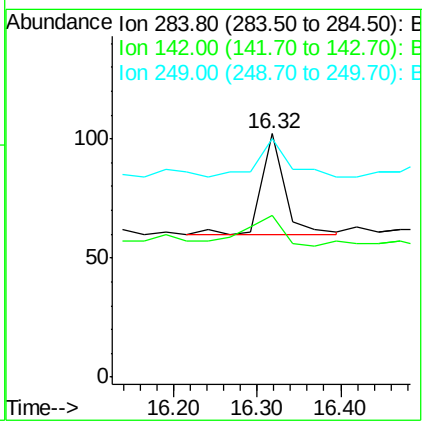


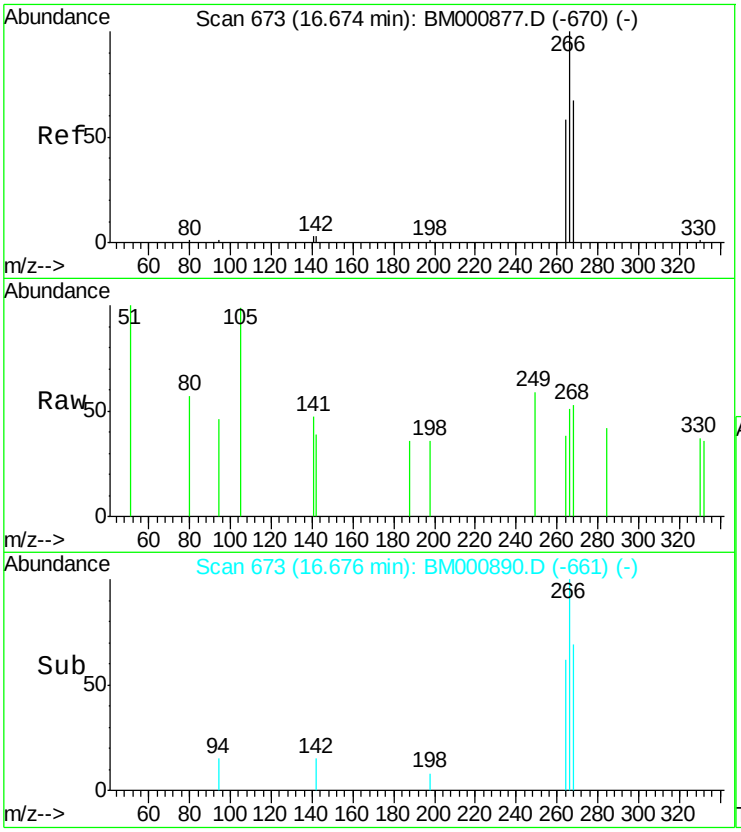


#28
Hexachlorobenzene
Concen: Below Cal
RT: 16.32 min Scan# 659
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion:284 Resp: 81

Ion	Ratio	Lower	Upper
284	100		
142	66.7	29.8	44.8#
249	98.0	31.0	46.4#



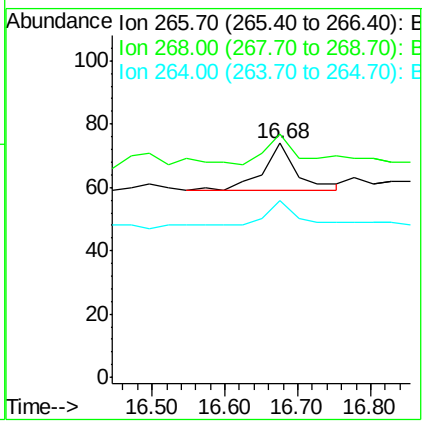


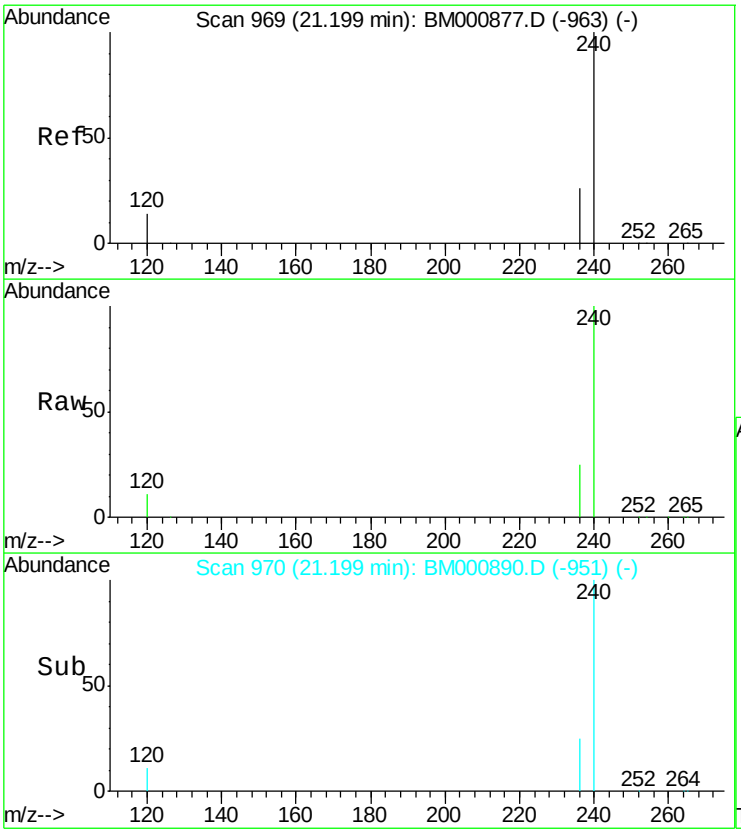
#29
Pentachlorophenol
Concen: 0.54 ng
RT: 16.68 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:266 Resp: 49

Ion	Ratio	Lower	Upper
266	100		
268	104.1	61.8	92.8#
264	75.7	53.8	80.6

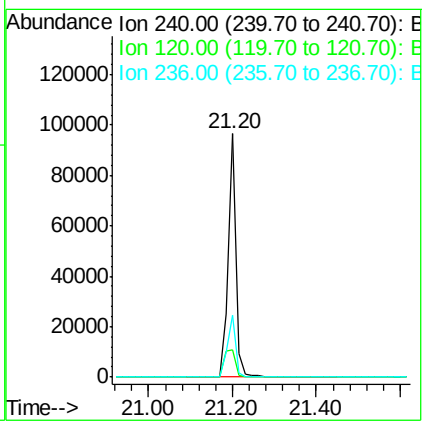


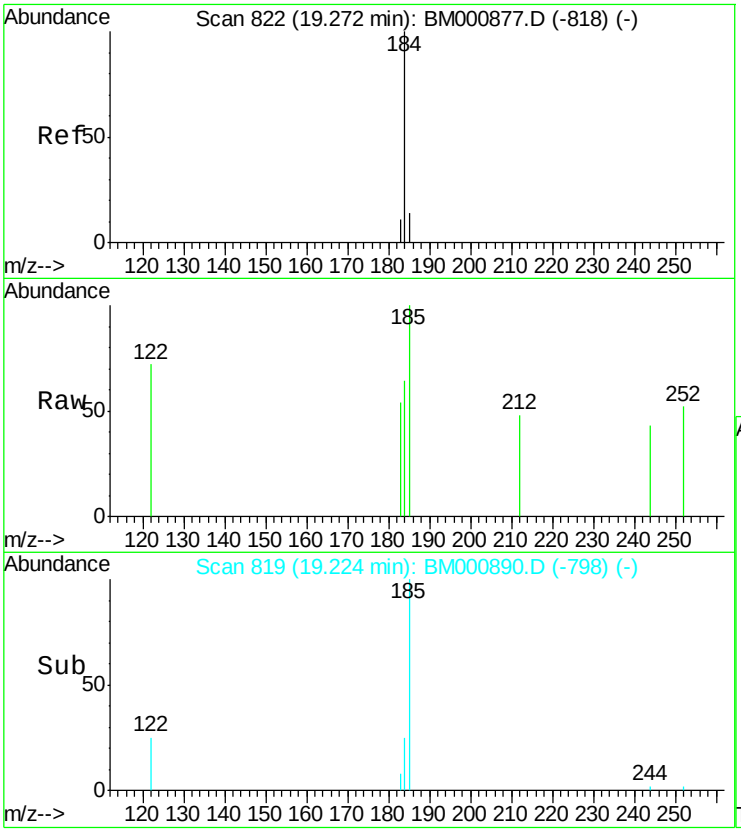


#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.20 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion:240 Resp: 125278

Ion	Ratio	Lower	Upper
240	100		
120	11.3	11.1	16.7
236	25.4	20.9	31.3



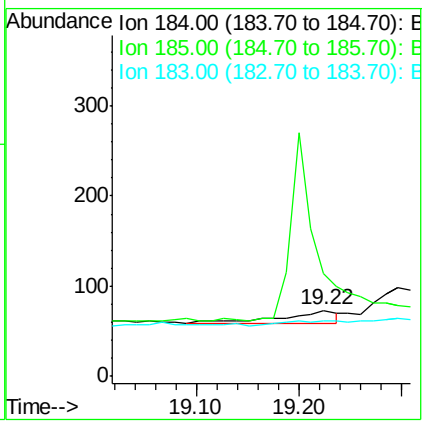


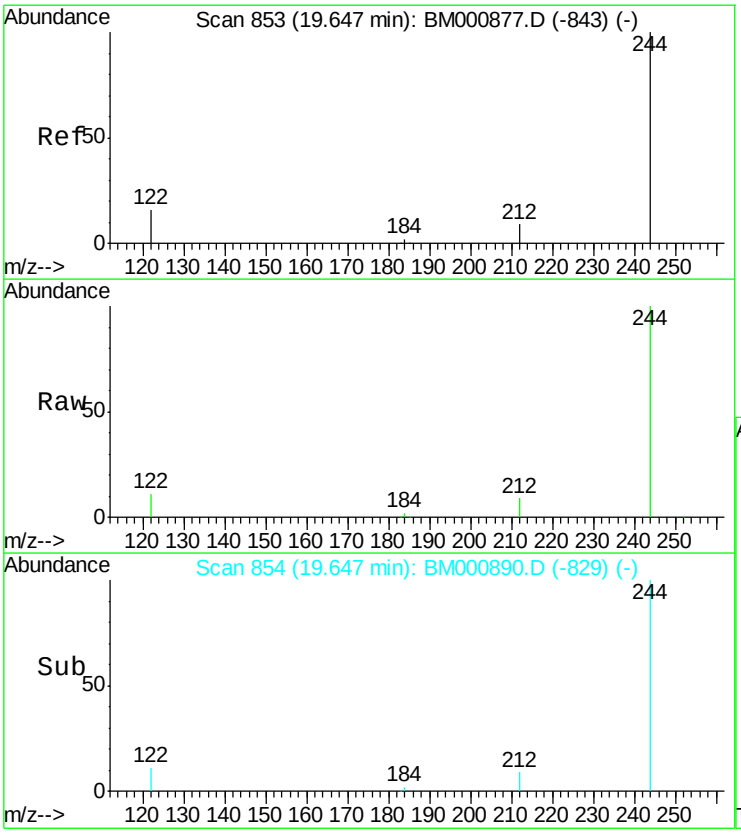
#31
Benzidine
Concen: Below Cal
RT: 19.22 min Scan# 819
Delta R.T. -0.05 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:184 Resp: 53

Ion	Ratio	Lower	Upper
184	100		
185	156.2	14.4	21.6#
183	84.9	12.6	19.0#

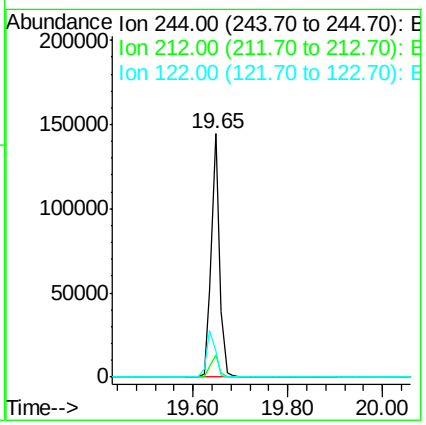


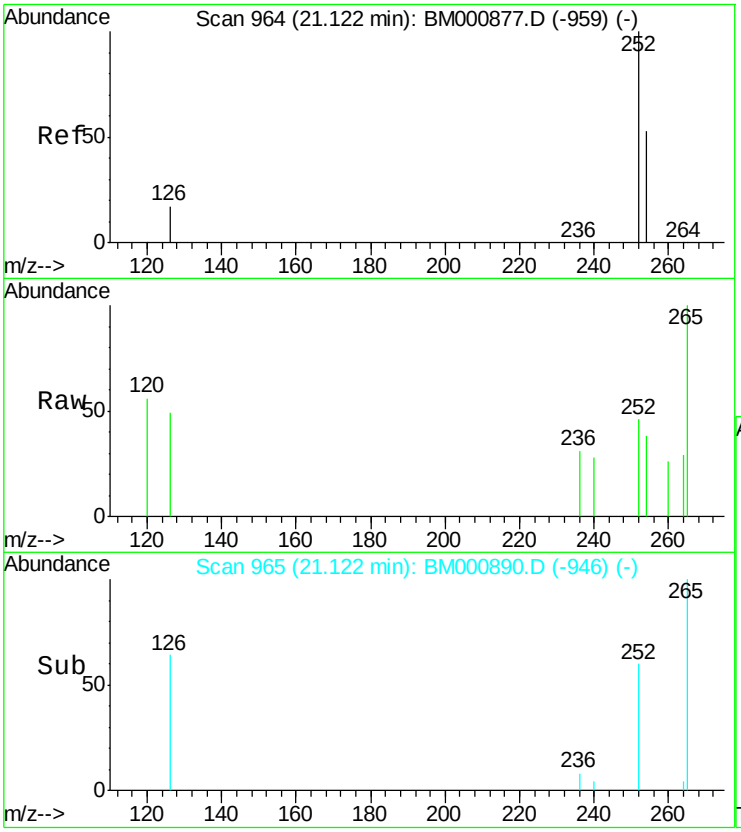


#32
Terphenyl-d14
Concen: 11.41 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion:244 Resp: 176322

Ion	Ratio	Lower	Upper
244	100		
212	9.0	8.1	12.1
122	10.6	13.6	20.4#



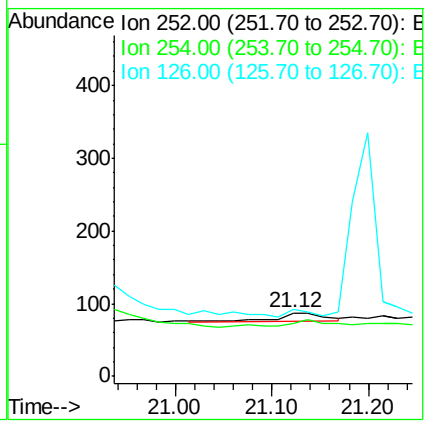


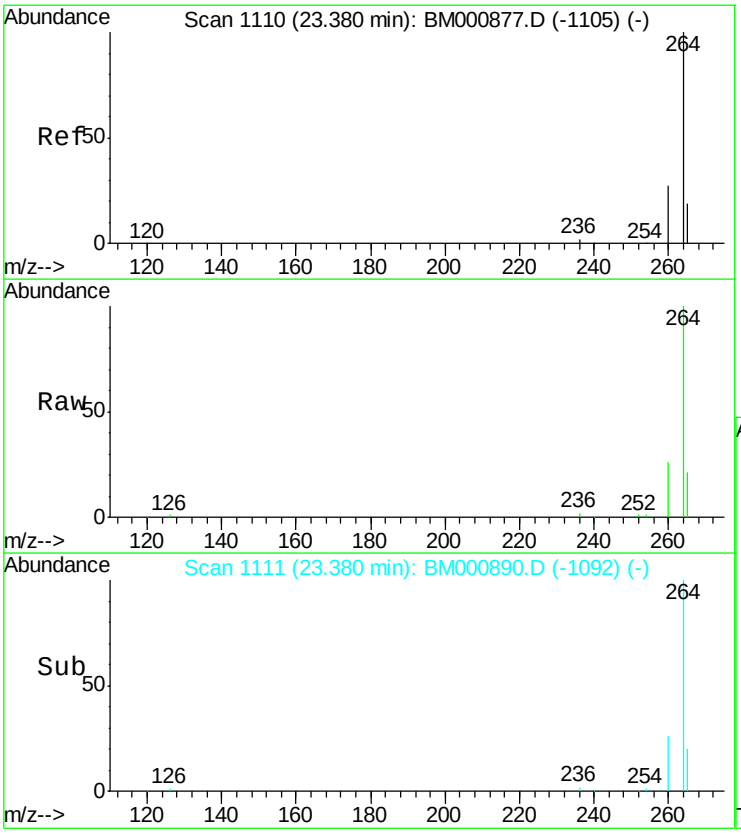
#33
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.12 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Instrument :
BNA_M
ClientSampleId :
S32-0462

Tgt Ion:252 Resp: 41

Ion	Ratio	Lower	Upper
252	100		
254	82.8	43.2	64.8#
126	106.9	15.5	23.3#





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.38 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM000890.D
Acq: 07 Apr 2015 22:23

Tgt Ion:264 Resp: 115684

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.6	32.4
265	20.5	16.1	24.1