Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040715\
Data File : BM000884.D
Acq On : 07 Apr 2015 17:38
Operator : TP/IZ
Sample : G1457-03DL 20X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PT-BN-WPDL

Quant Time: Apr 08 01:14:48 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	7.63	152	15196	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	77415	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	43183	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	106293	5.00	ng		0.00
30) Chrysene-d12	21.19	240	79607	5.00	ng		0.00
34) Perylene-d12	23.39	264	77389	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	40867	8.01	ng		0.00
5) Phenol-d6	6.77	99	70033	6.78	ng		0.00
12) Nitrobenzene-d5	8.73	82	22691	5.88	ng		-0.04
20) 2,4,6-Tribromophenol	15.77	330	7939	4.55	ng		0.02
23) 2-Fluorobiphenyl	12.87	172	80096	6.02	ng		0.00
32) Terphenyl-d14	19.65	244	62303	6.34	ng		0.00
Target Compounds							Qvalue
6) 2-Chlorophenol	7.17	128	43	0.17	ng	#	1
7) Phenol	6.81	94	79	0.01	ng	#	1
8) bis(2-Chloroethyl)ether	6.95	93	34	0.20	ng		100
9) 2-Methylphenol	8.06	107	17	0.00	ng	#	21
10) 3+4-Methylphenols	8.41	107	32	0.23	ng	#	17
13) Nitrobenzene	8.73	77	100	0.03	ng	#	50
14) 2-Nitrophenol	9.28	139	514	0.33	ng	#	1
15) 2,4-Dimethylphenol	9.60	122	31	0.01	ng	#	58
16) 2,4-Dichlorophenol	10.04	162	20	0.23	ng	#	25
17) Hexachlorobutadiene	10.72	225	28500	8.08	ng		98
18) 4-Chloro-3-methylphenol	11.71	107	11	0.22	ng	#	56
21) 2,4,6-Trichlorophenol	12.70	196	11	0.24	ng	#	58
22) 2,4,5-Trichlorophenol	12.89	196	7	0.20	ng		82
25) 4-Nitrophenol	14.32	139	445	0.76	ng	#	53
27) 4,6-Dinitro-2-methylphenol	14.95	198	407	0.52	ng	#	1
28) Hexachlorobenzene	16.33	284	9	Below Cal		#	1
29) Pentachlorophenol	16.69	266	21	0.52	ng	#	71
31) Benzidine	19.29	184	632	0.21	ng	#	49
33) 3,3'-Dichlorobenzidine	21.14	252	245	0.03	ng	#	54

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
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PT-BN-WPDL

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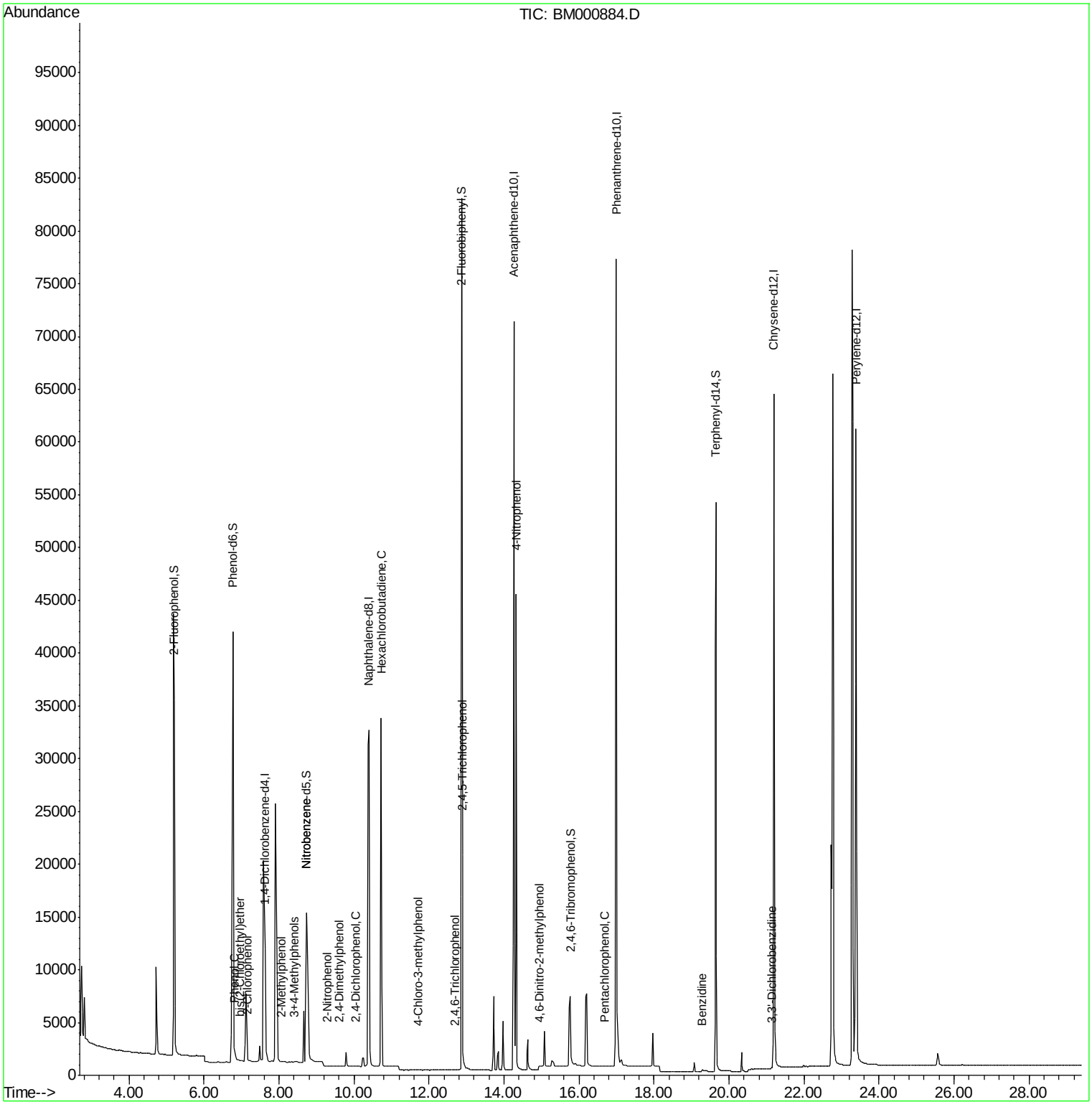
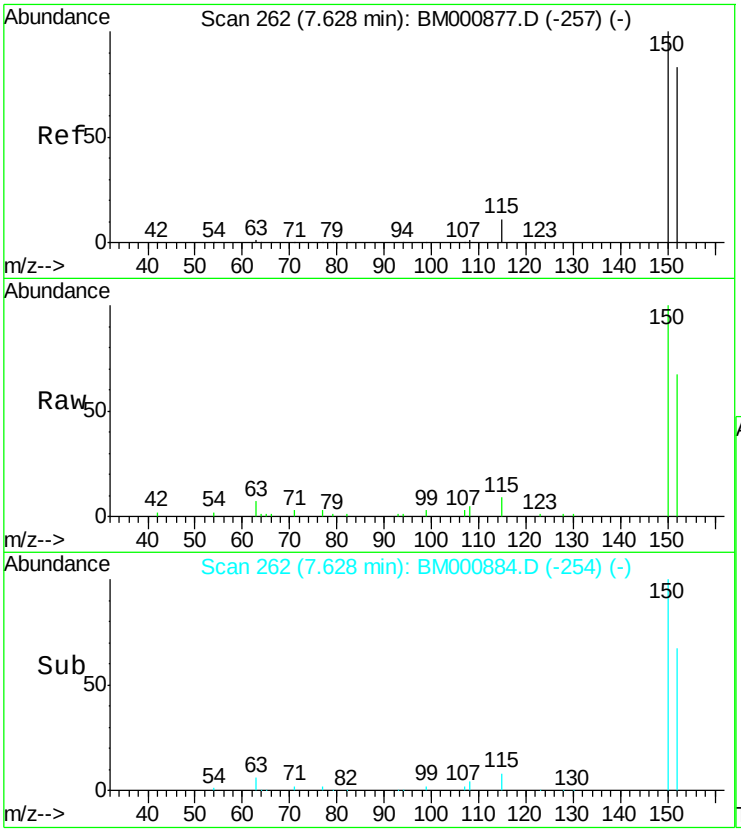


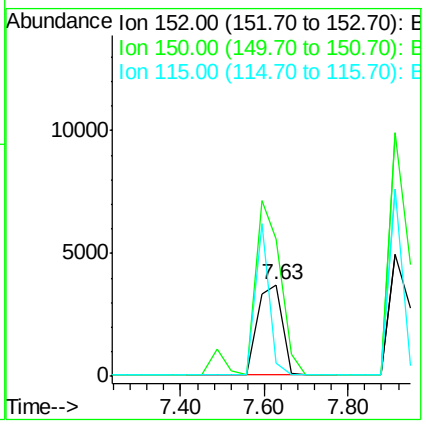


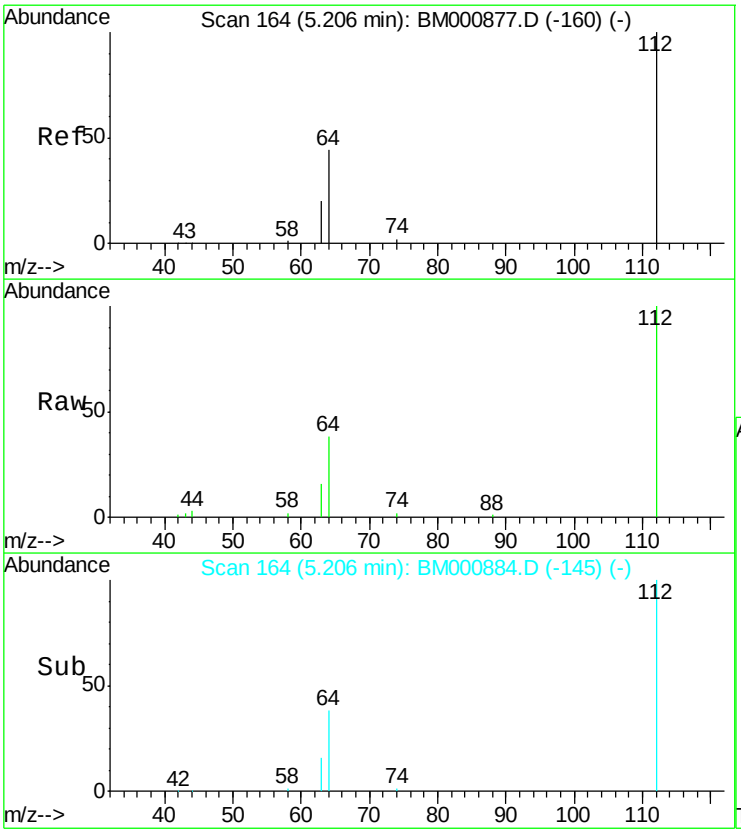
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. 0.00 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 15196

Ion	Ratio	Lower	Upper
152	100		
150	149.2	96.5	144.7#
115	13.9	11.9	17.9

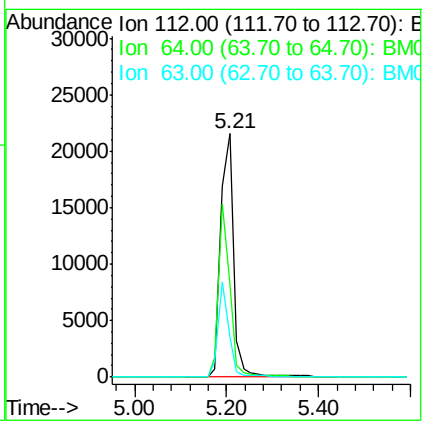


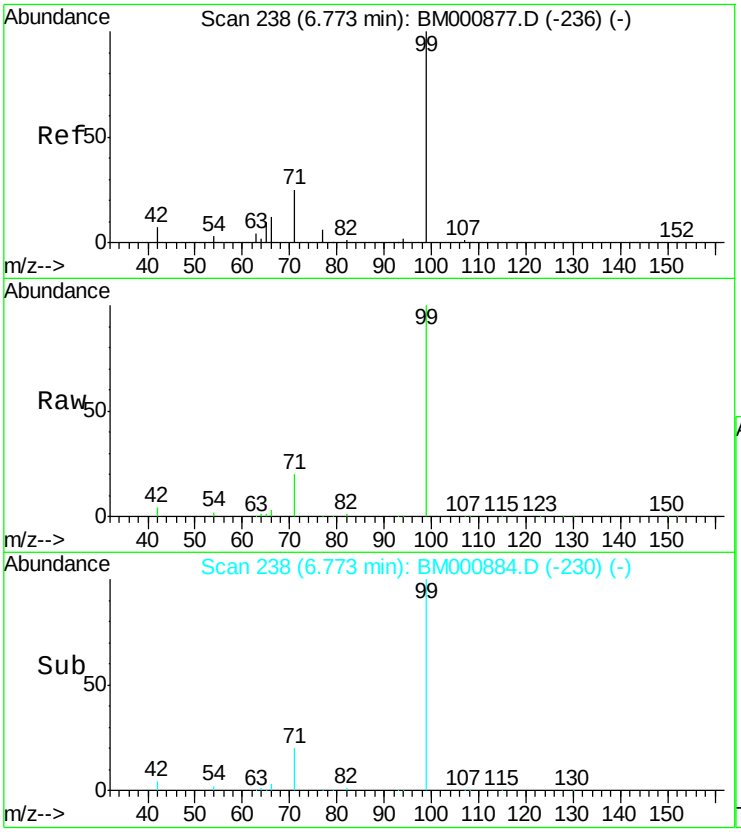


#4
2-Fluorophenol
Concen: 8.01 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion:112 Resp: 40867

Ion	Ratio	Lower	Upper
112	100		
64	38.2	35.7	53.5
63	16.2	17.0	25.4#



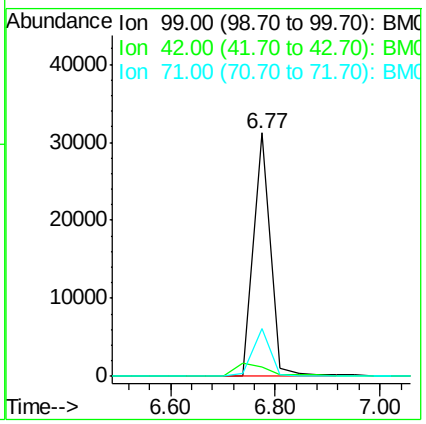


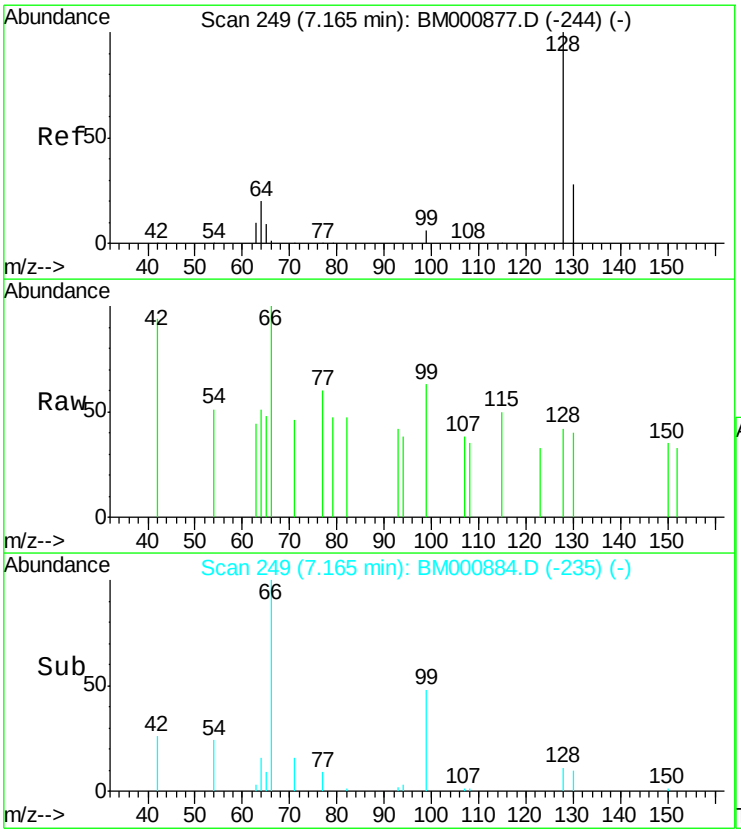
#5
Phenol-d6
Concen: 6.78 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 99 Resp: 70033

Ion	Ratio	Lower	Upper
99	100		
42	4.0	7.5	11.3#
71	19.7	21.3	31.9#

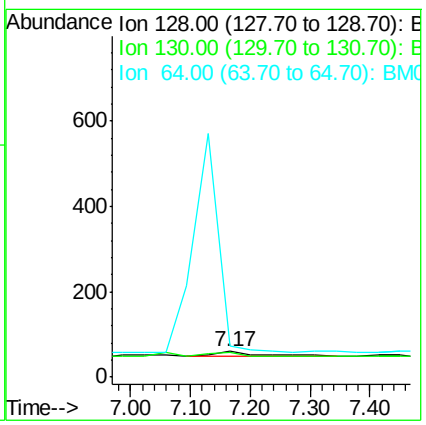


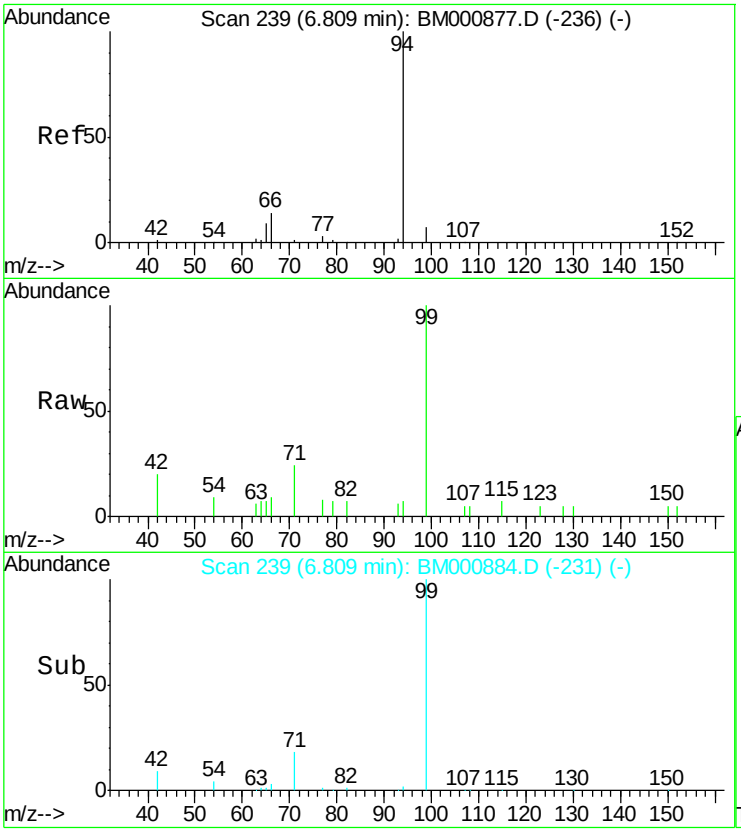


#6
2-Chlorophenol
Concen: 0.17 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion:128 Resp: 43

Ion	Ratio	Lower	Upper
128	100		
130	93.4	9.4	49.4#
64	119.7	2.1	42.1#



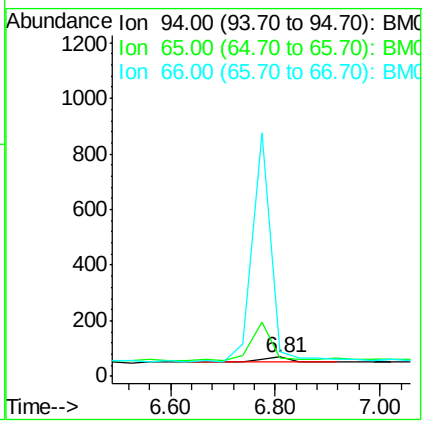


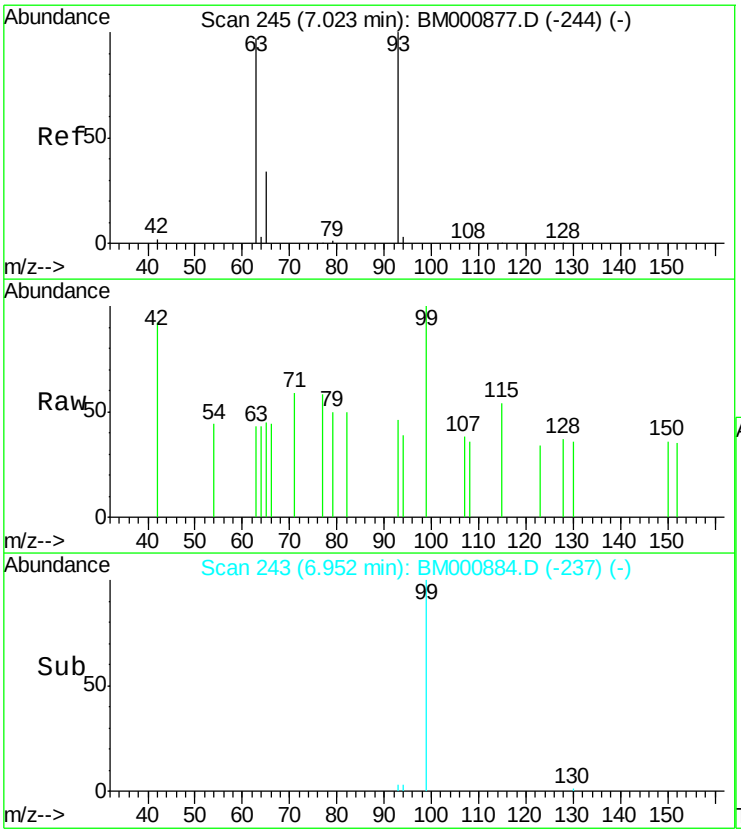
#7
Phenol
Concen: 0.01 ng
RT: 6.81 min Scan# 239
Delta R.T. 0.00 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 94 Resp: 79

Ion	Ratio	Lower	Upper
94	100		
65	97.1	0.0	30.9#
66	127.1	0.0	35.8#

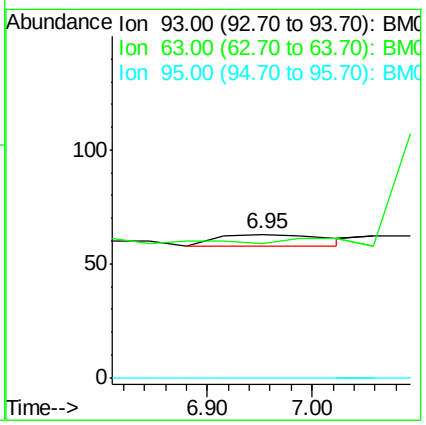


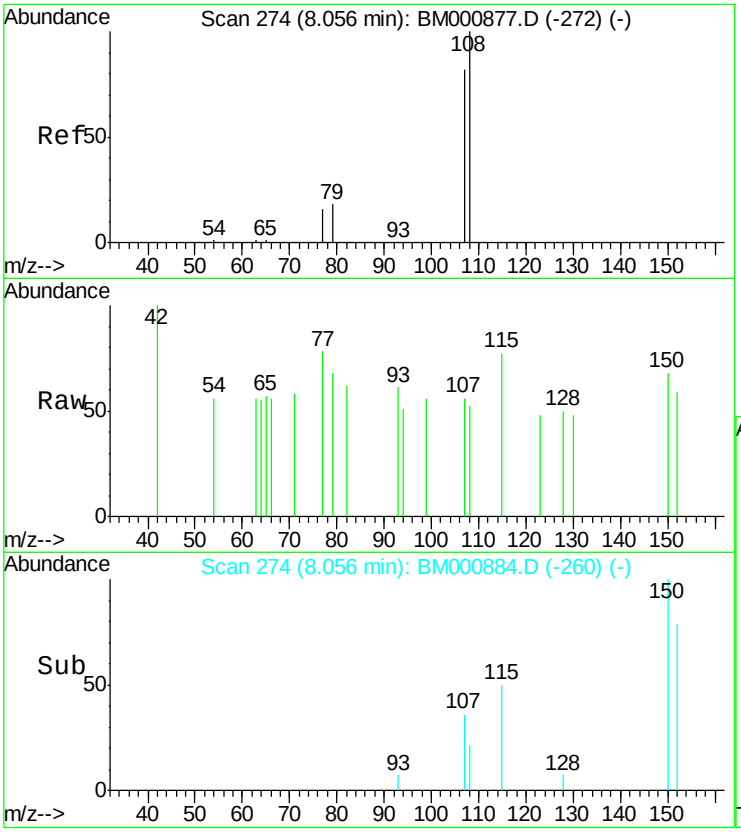


#8
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 6.95 min Scan# 243
Delta R.T. -0.07 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion: 93 Resp: 34

Ion	Ratio	Lower	Upper
93	100		
63	93.7	73.3	113.3
95	0.0	0.0	20.0



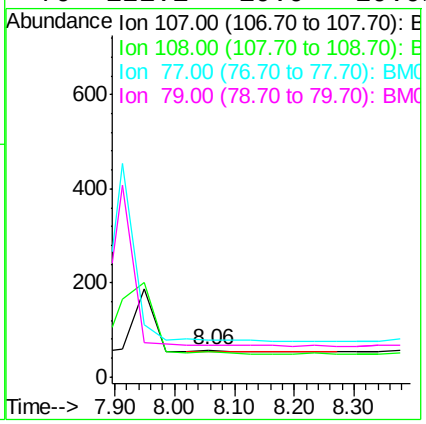


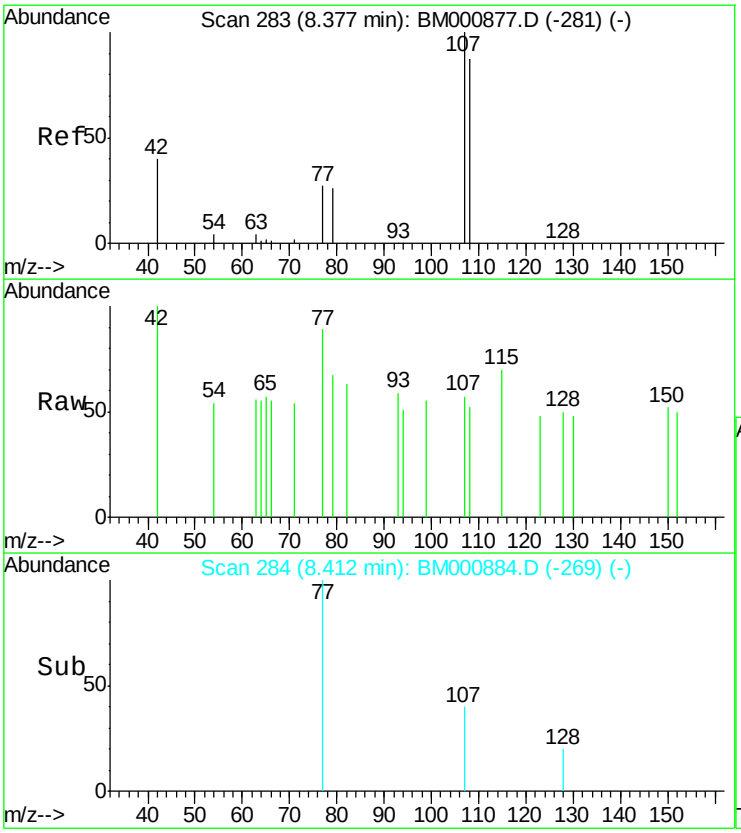
#9
2-Methylphenol
Concen: 0.00 ng
RT: 8.06 min Scan# 274
Delta R.T. 0.00 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion:107 Resp: 17

Ion	Ratio	Lower	Upper
107	100		
108	93.0	96.7	145.1#
77	138.6	18.3	27.5#
79	121.1	19.9	29.9#

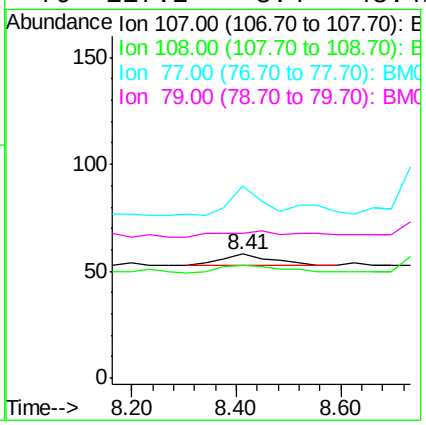


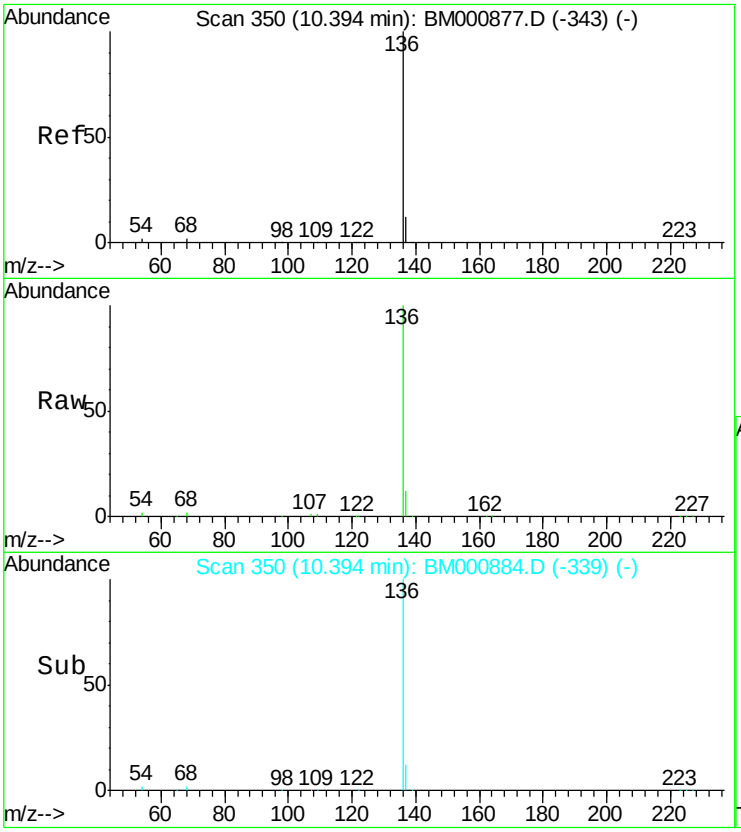


#10
3+4-Methylphenols
Concen: 0.23 ng
RT: 8.41 min Scan# 284
Delta R.T. 0.04 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion:107 Resp: 32

Ion	Ratio	Lower	Upper
107	100		
108	91.4	67.6	107.6
77	155.2	10.0	50.0#
79	117.2	8.4	48.4#



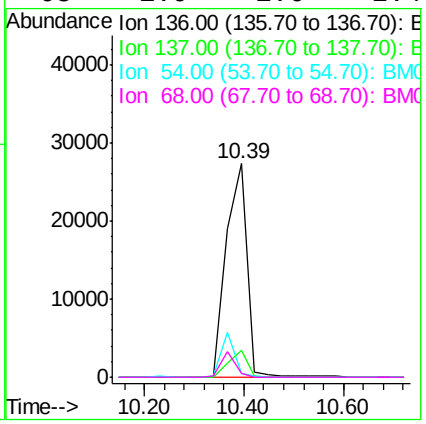


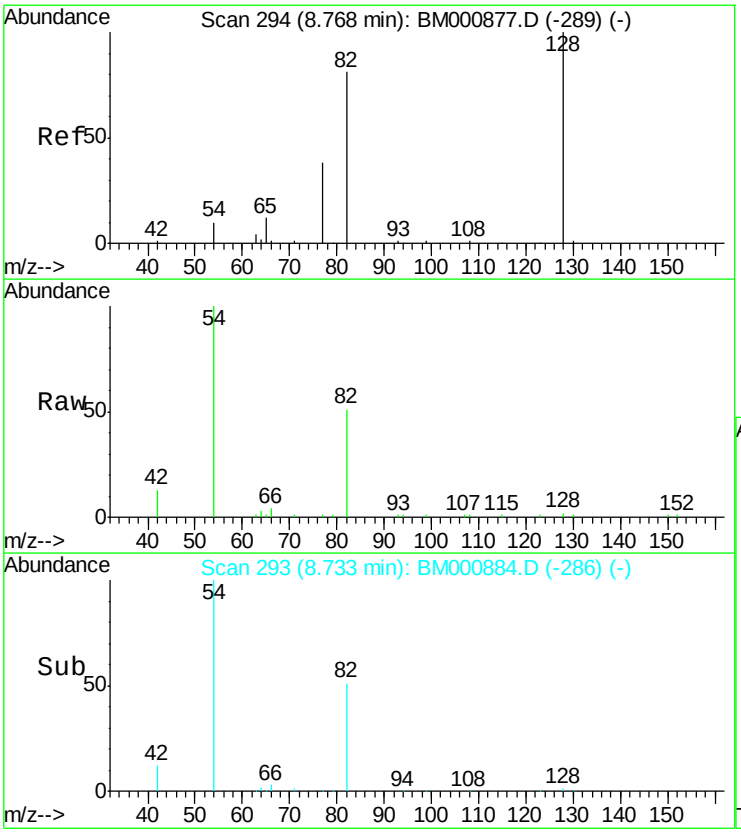
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. 0.00 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion:136 Resp: 77415

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	1.8	1.5	2.3
68	1.9	1.6	2.4

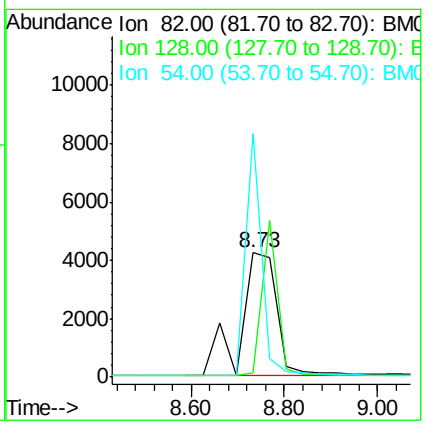


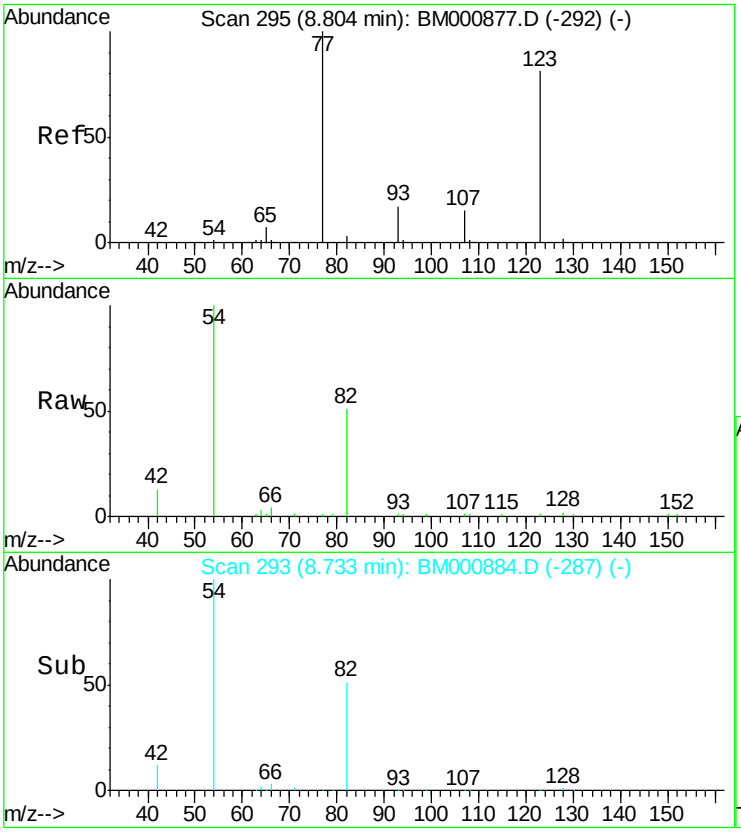


#12
Nitrobenzene-d5
Concen: 5.88 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.04 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion: 82 Resp: 22691

Ion	Ratio	Lower	Upper
82	100		
128	3.4	96.2	144.2#
54	195.5	15.0	22.6#



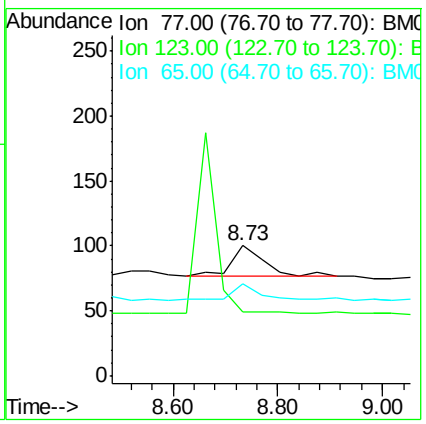


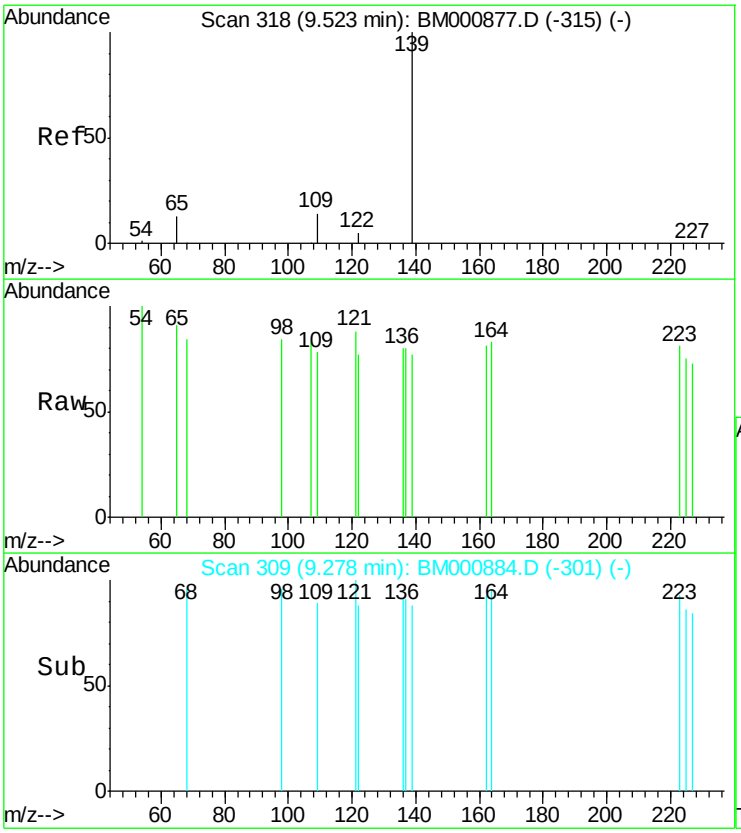
#13
Nitrobenzene
Concen: 0.03 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.07 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 77 Resp: 100

Ion	Ratio	Lower	Upper
77	100		
123	49.0	64.0	96.0#
65	71.0	8.7	13.1#

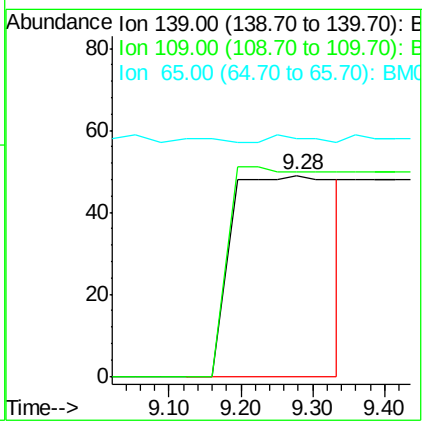


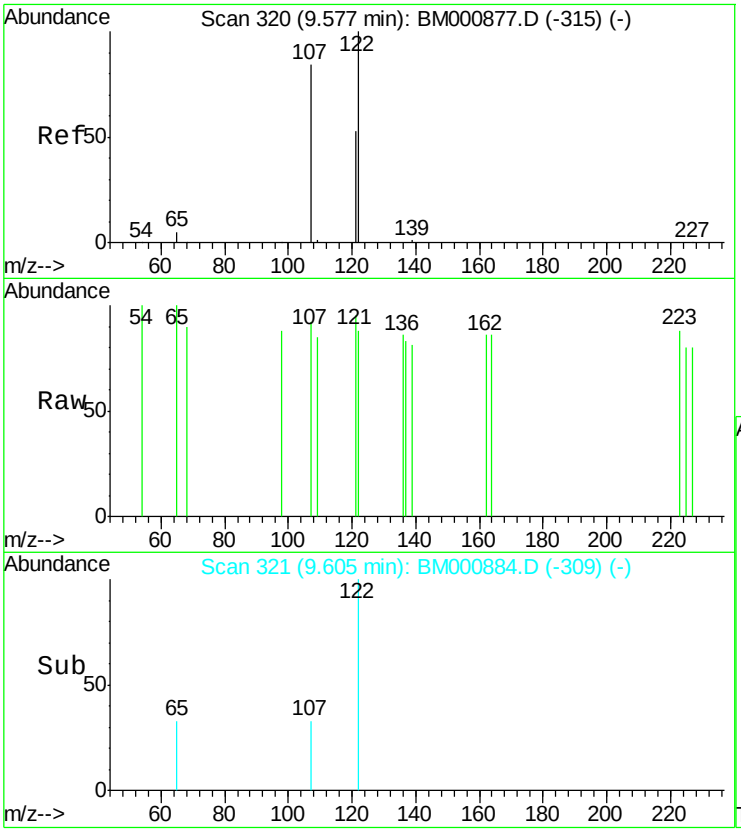


#14
2-Nitrophenol
Concen: 0.33 ng
RT: 9.28 min Scan# 309
Delta R.T. -0.24 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion:139 Resp: 514

Ion	Ratio	Lower	Upper
139	100		
109	102.0	15.8	23.8#
65	118.4	16.2	24.2#



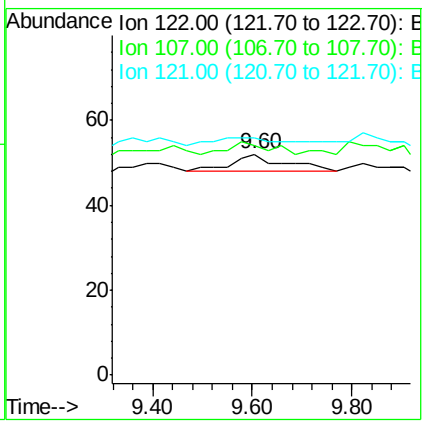


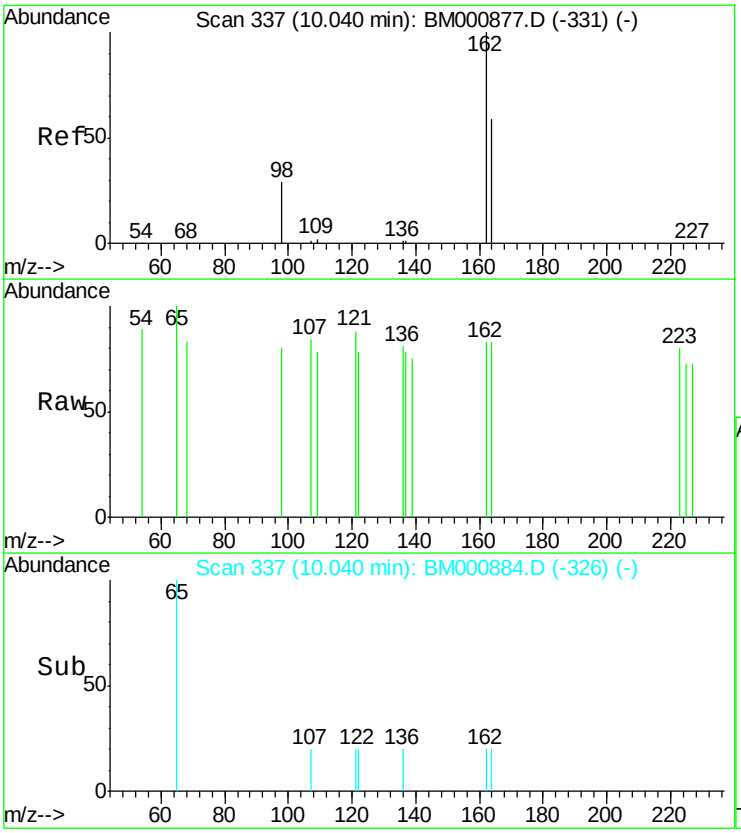
#15
2,4-Dimethylphenol
Concen: 0.01 ng
RT: 9.60 min Scan# 321
Delta R.T. 0.03 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion:122 Resp: 31

Ion	Ratio	Lower	Upper
122	100		
107	103.8	67.4	101.2#
121	107.7	43.5	65.3#

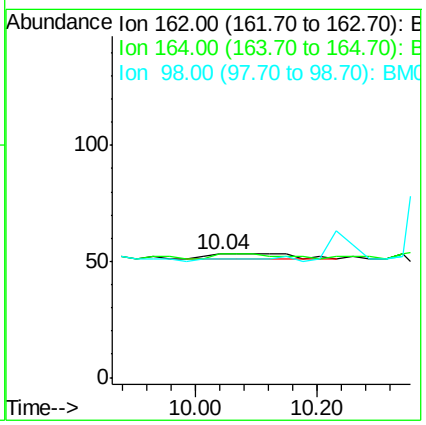


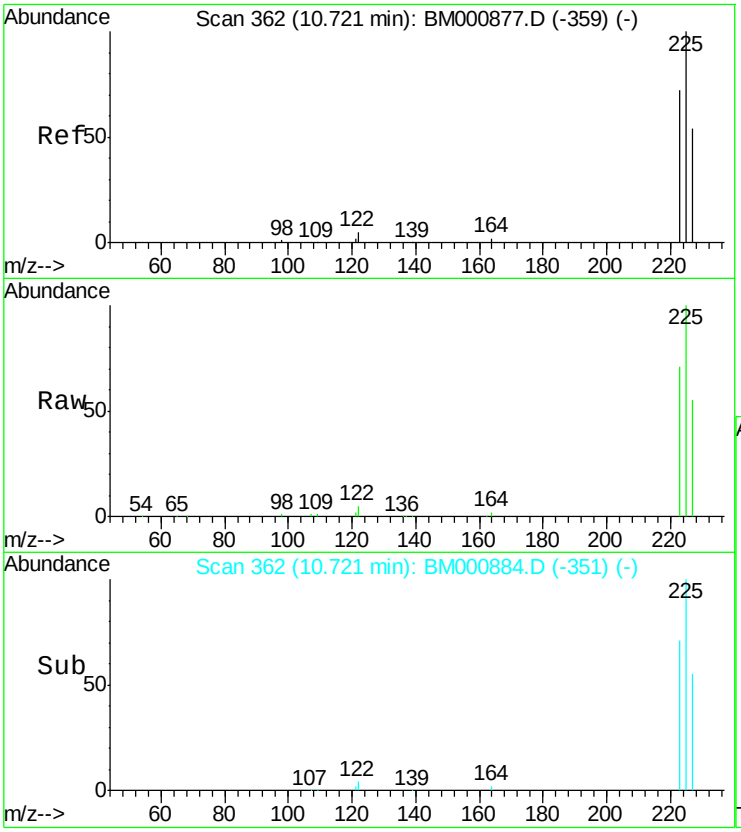


#16
2,4-Dichlorophenol
Concen: 0.23 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion:162 Resp: 20

Ion	Ratio	Lower	Upper
162	100		
164	100.0	39.9	79.9#
98	96.2	11.3	51.3#



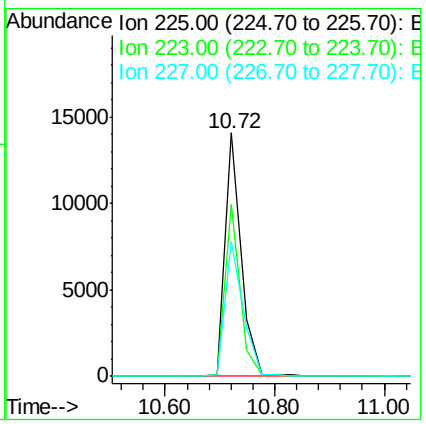


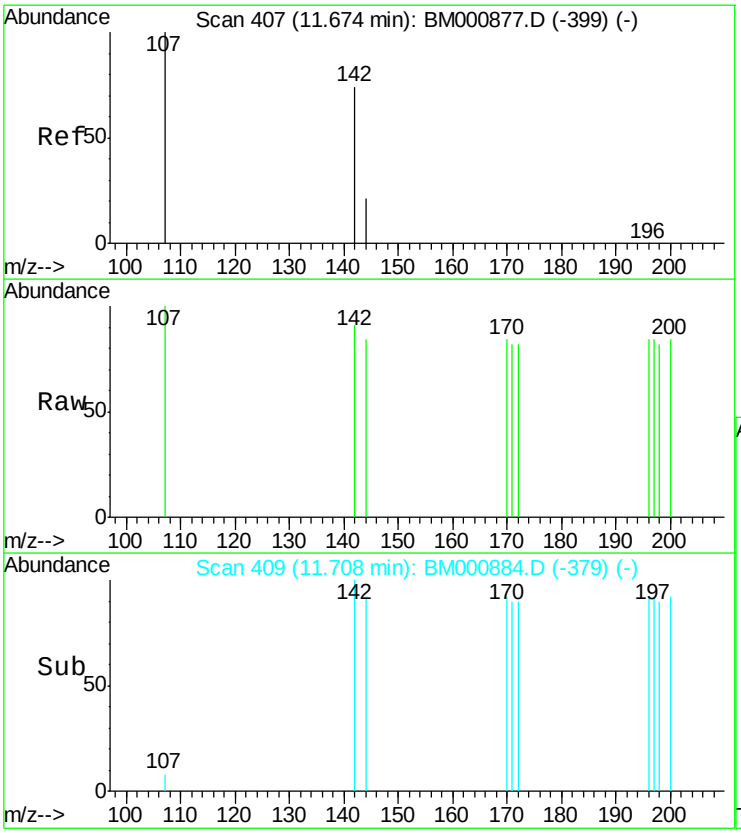
#17
Hexachlorobutadiene
Concen: 8.08 ng
RT: 10.72 min Scan# 362
Delta R.T. 0.00 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion:225 Resp: 28500

Ion	Ratio	Lower	Upper
225	100		
223	70.8	58.3	87.5
227	55.3	44.5	66.7

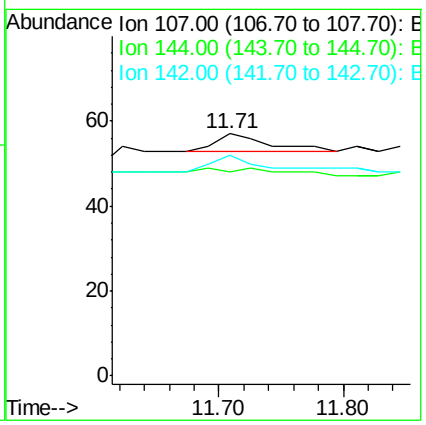


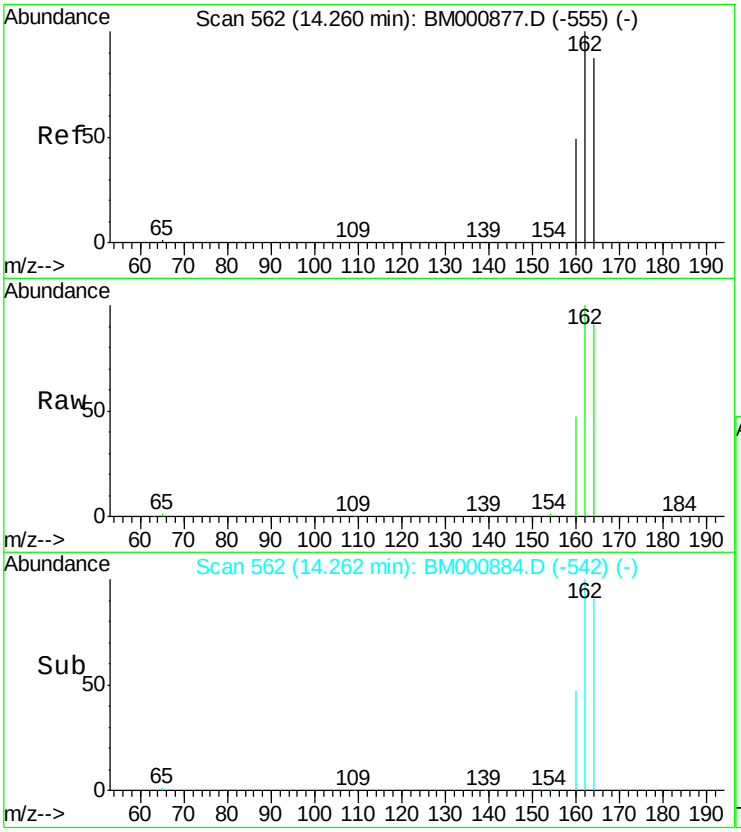


#18
4-Chloro-3-methylphenol
Concen: 0.22 ng
RT: 11.71 min Scan# 409
Delta R.T. 0.03 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion:107 Resp: 11

Ion	Ratio	Lower	Upper
107	100		
144	84.2	18.4	27.6#
142	91.2	59.9	89.9#



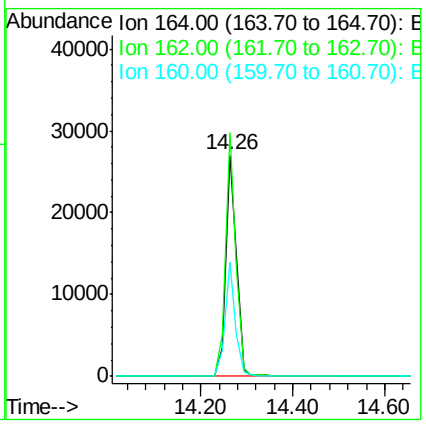


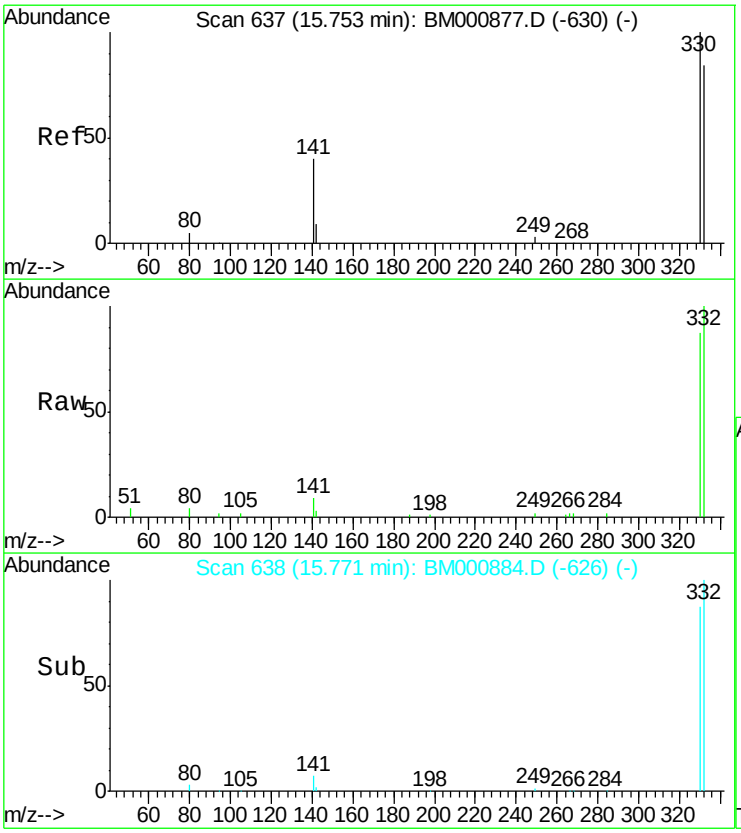
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion:164 Resp: 43183

Ion	Ratio	Lower	Upper
164	100		
162	110.2	91.8	137.6
160	51.6	44.6	67.0

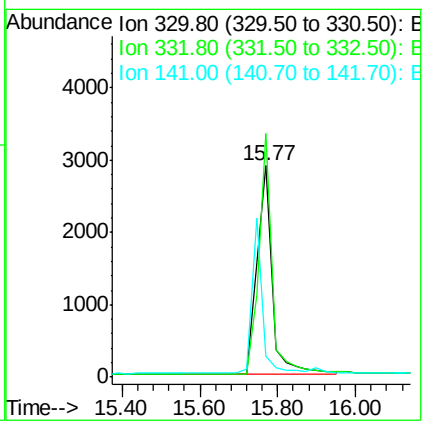


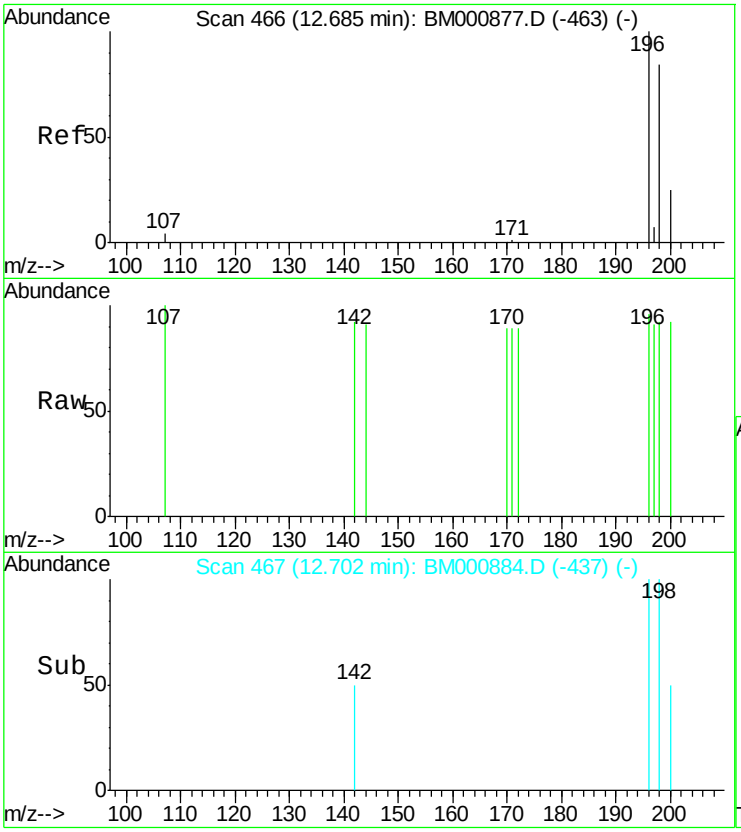


#20
2,4,6-Tribromophenol
Concen: 4.55 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion:330 Resp: 7939

Ion	Ratio	Lower	Upper
330	100		
332	100.4	72.6	109.0
141	0.0	29.8	44.6#



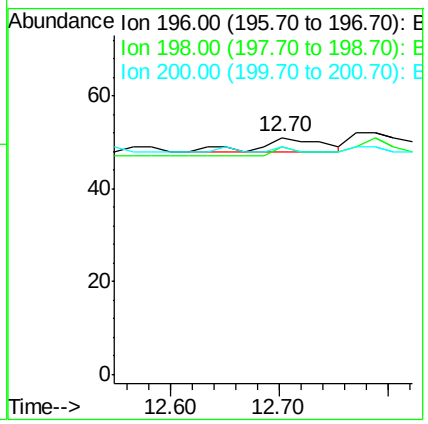


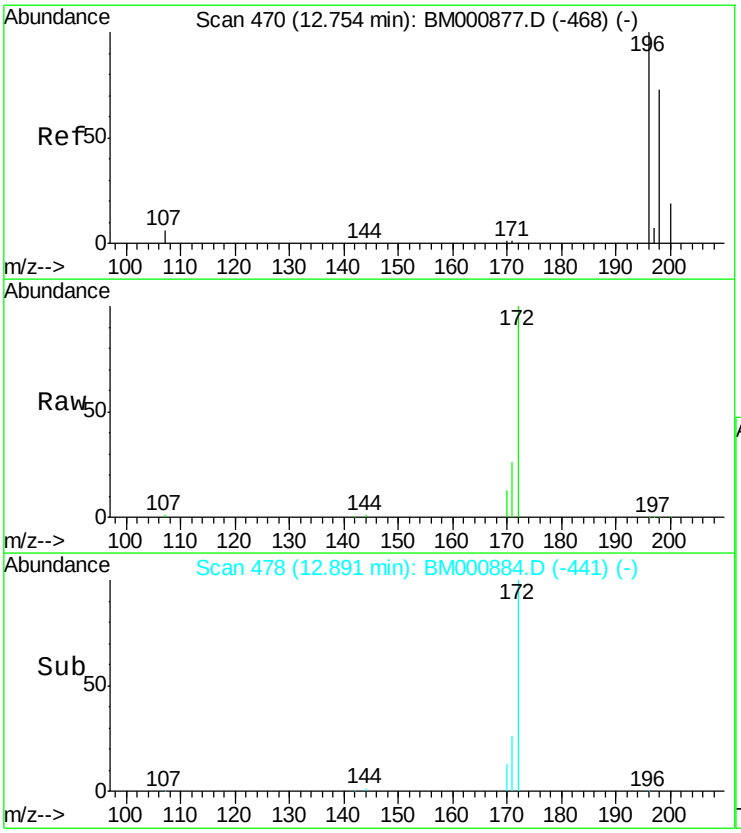
#21
2,4,6-Trichlorophenol
Concen: 0.24 ng
RT: 12.70 min Scan# 467
Delta R.T. 0.02 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion:196 Resp: 11

Ion	Ratio	Lower	Upper
196	100		
198	96.1	67.5	101.3
200	96.1	22.1	33.1#

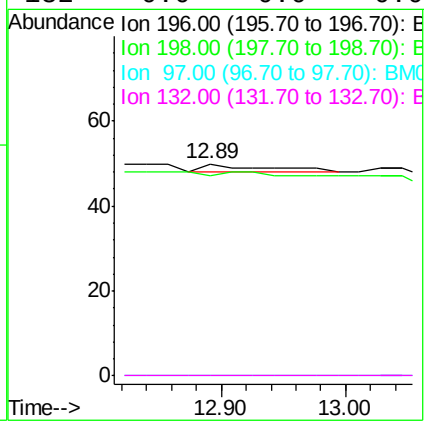


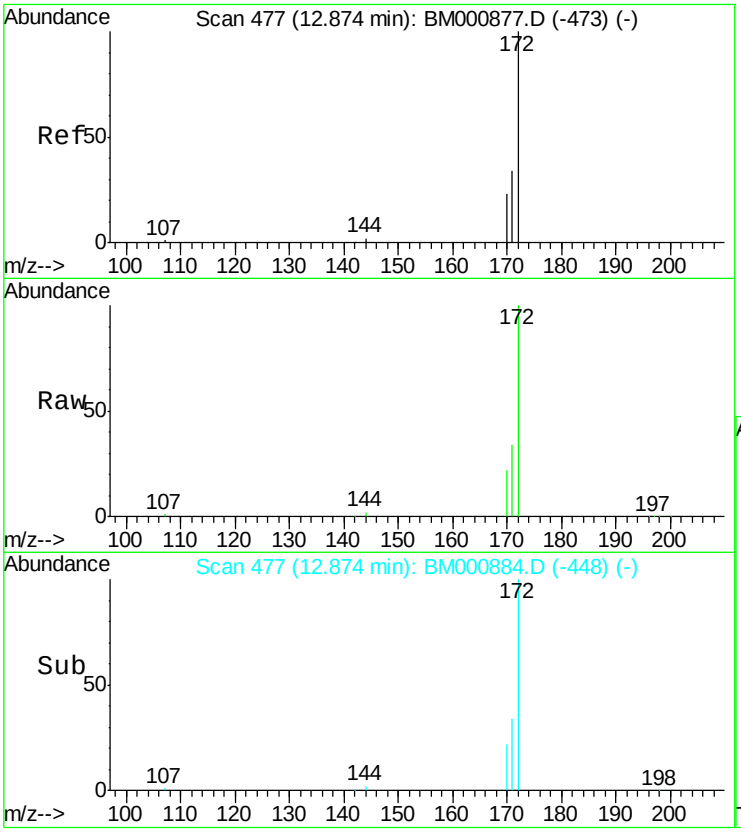


#22
2,4,5-Trichlorophenol
Concen: 0.20 ng
RT: 12.89 min Scan# 478
Delta R.T. 0.14 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion:196 Resp: 7

Ion	Ratio	Lower	Upper
196	100		
198	94.0	62.7	94.1
97	0.0	0.0	0.0
132	0.0	0.0	0.0



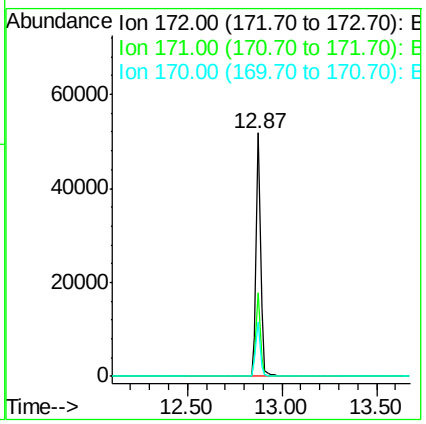


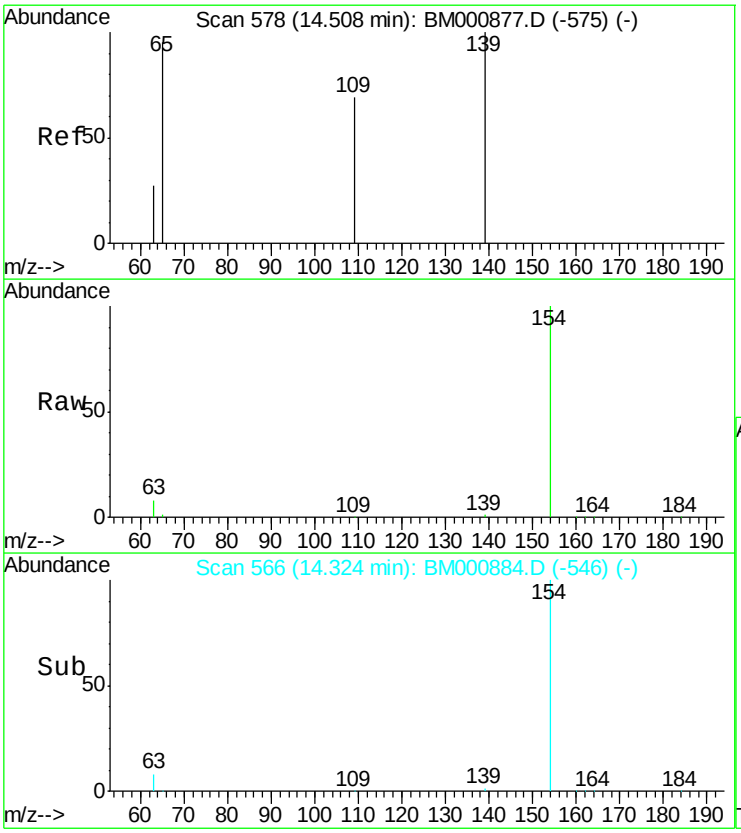
#23
2-Fluorobiphenyl
Concen: 6.02 ng
RT: 12.87 min Scan# 477
Delta R.T. 0.00 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion:172 Resp: 80096

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.8
170	22.2	19.0	28.6

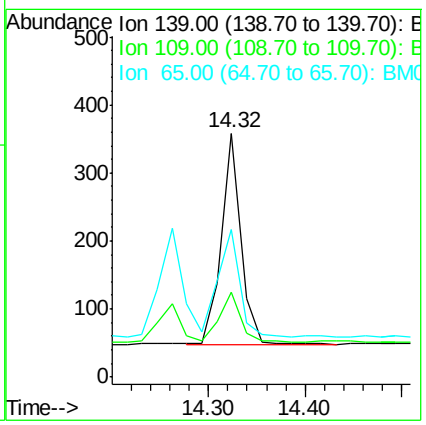


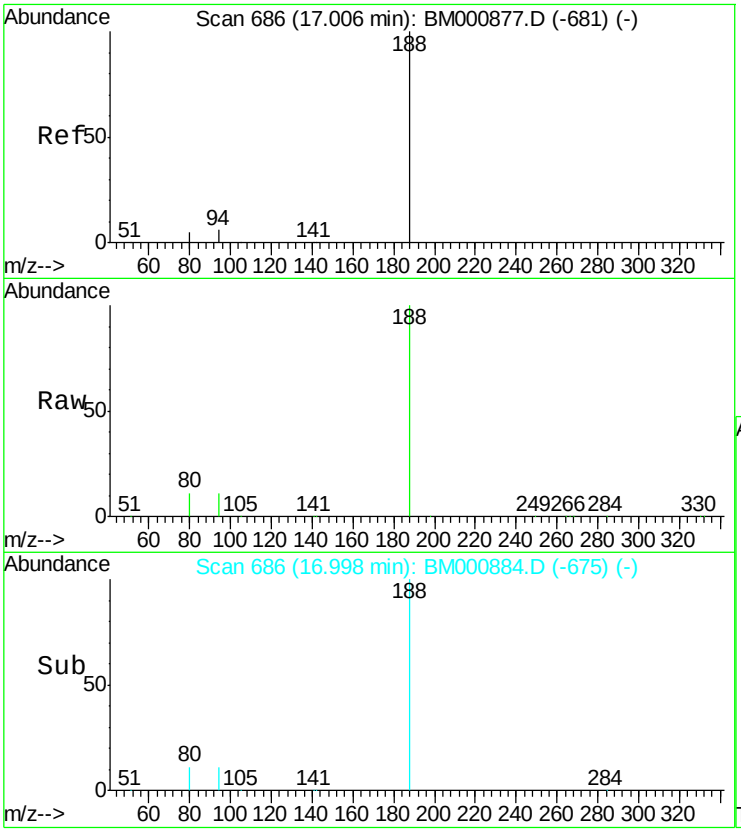


#25
4-Nitrophenol
Concen: 0.76 ng
RT: 14.32 min Scan# 566
Delta R.T. -0.18 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion:139 Resp: 445

Ion	Ratio	Lower	Upper
139	100		
109	34.9	58.4	98.4#
65	60.6	87.7	127.7#



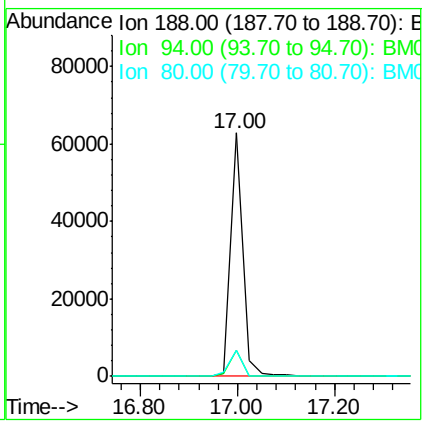


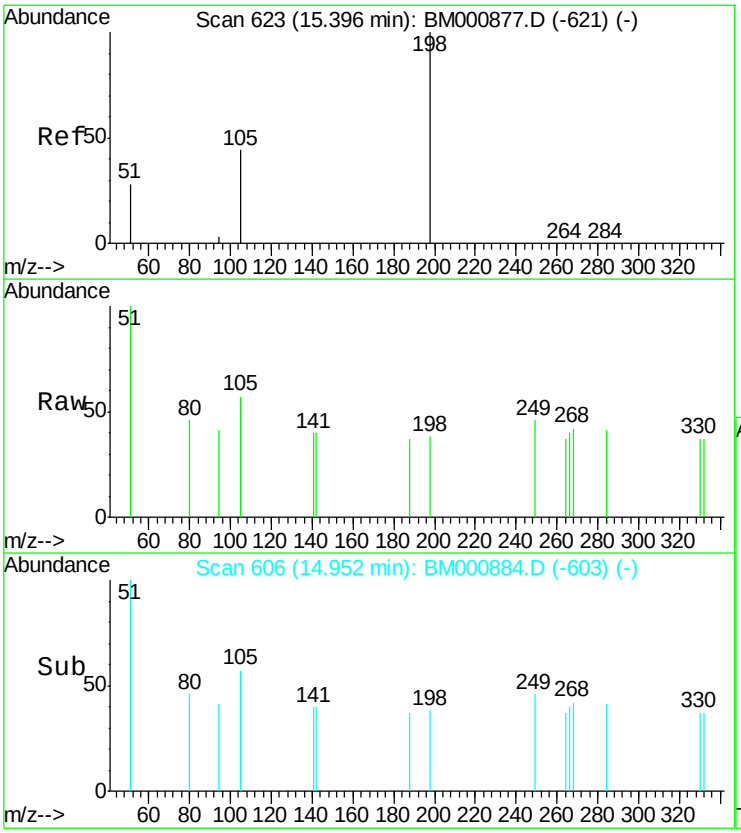
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion:188 Resp: 106293

Ion	Ratio	Lower	Upper
188	100		
94	10.6	4.9	7.3#
80	10.9	4.4	6.6#

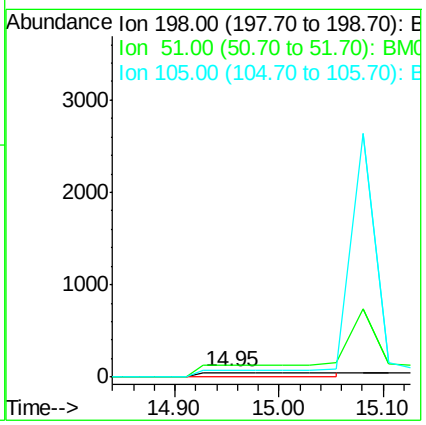


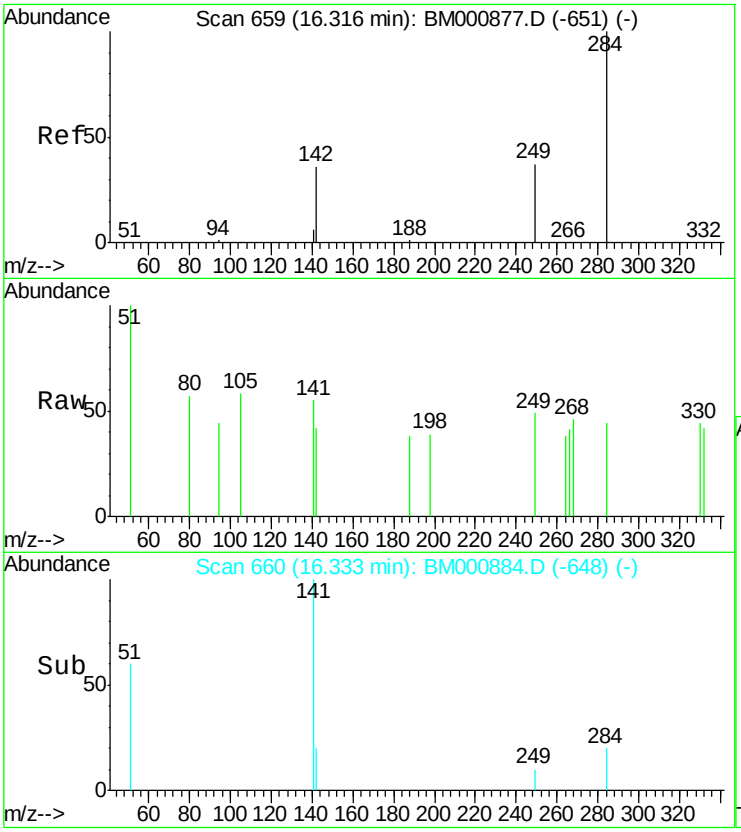


#27
4,6-Dinitro-2-methylphenol
Concen: 0.52 ng
RT: 14.95 min Scan# 606
Delta R.T. -0.44 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion:198 Resp: 407

Ion	Ratio	Lower	Upper
198	100		
51	262.5	44.6	84.6#
105	150.0	36.0	76.0#



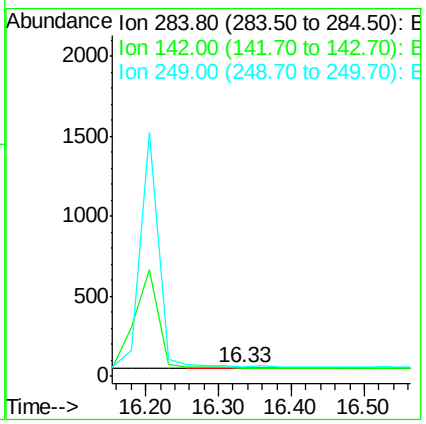


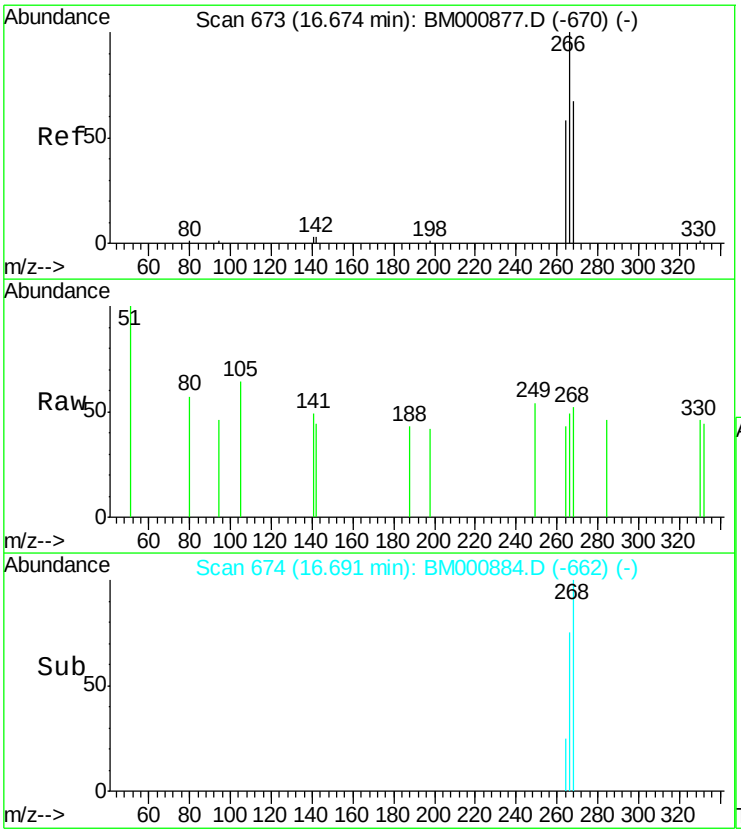
#28
Hexachlorobenzene
Concen: Below Cal
RT: 16.33 min Scan# 660
Delta R.T. 0.02 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion:284 Resp: 9

Ion	Ratio	Lower	Upper
284	100		
142	96.3	29.8	44.8#
249	111.1	31.0	46.4#

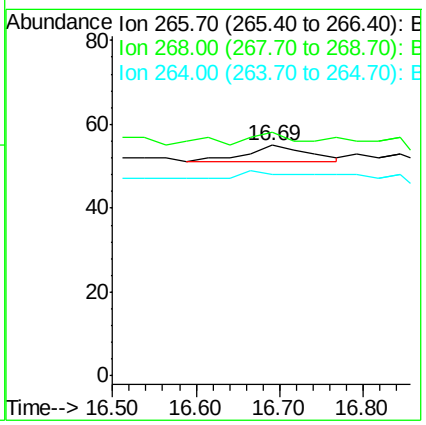


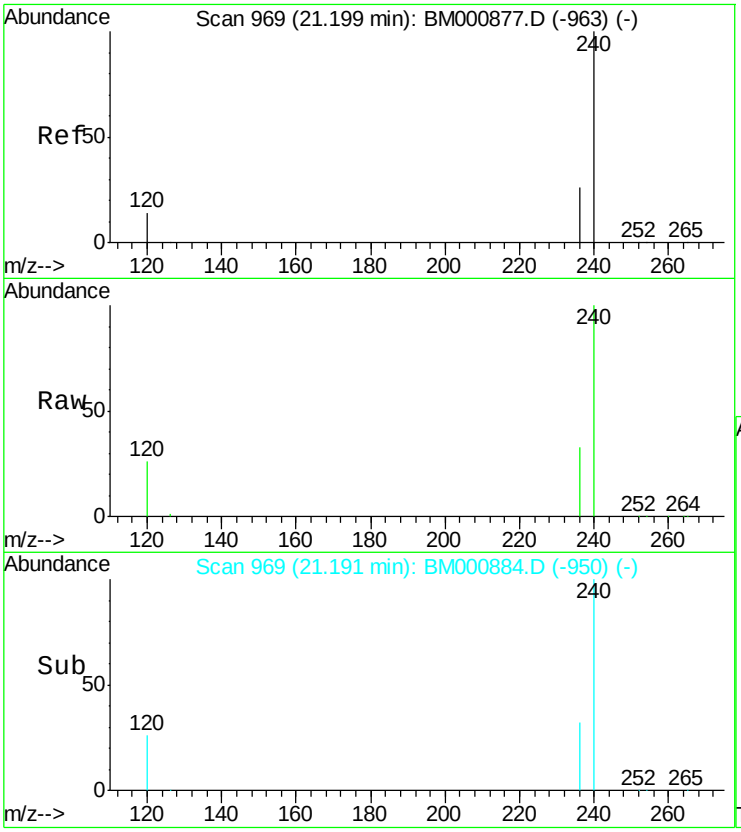


#29
Pentachlorophenol
Concen: 0.52 ng
RT: 16.69 min Scan# 674
Delta R.T. 0.02 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion:266 Resp: 21

Ion	Ratio	Lower	Upper
266	100		
268	105.5	61.8	92.8#
264	87.3	53.8	80.6#



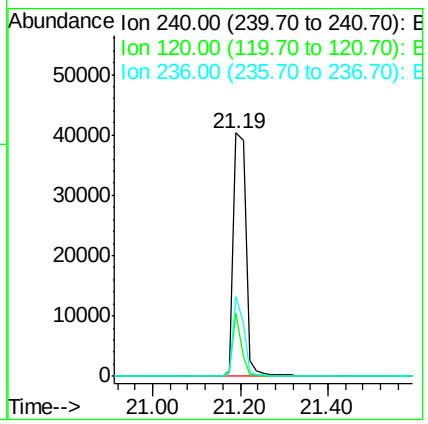


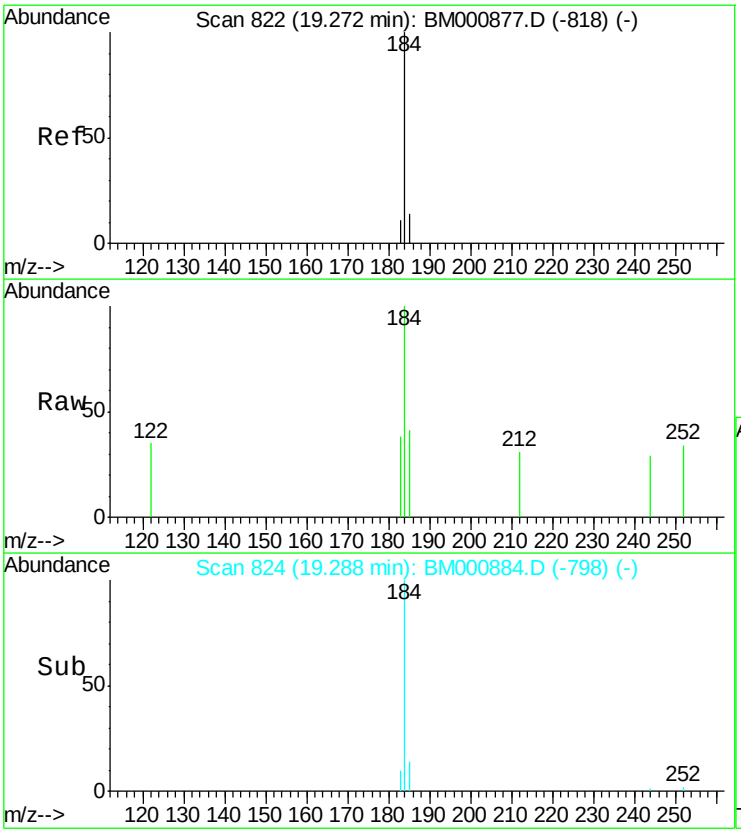
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.19 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion:240 Resp: 79607

Ion	Ratio	Lower	Upper
240	100		
120	25.8	11.1	16.7#
236	32.6	20.9	31.3#

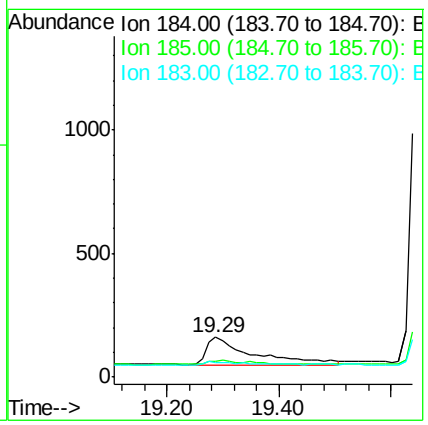


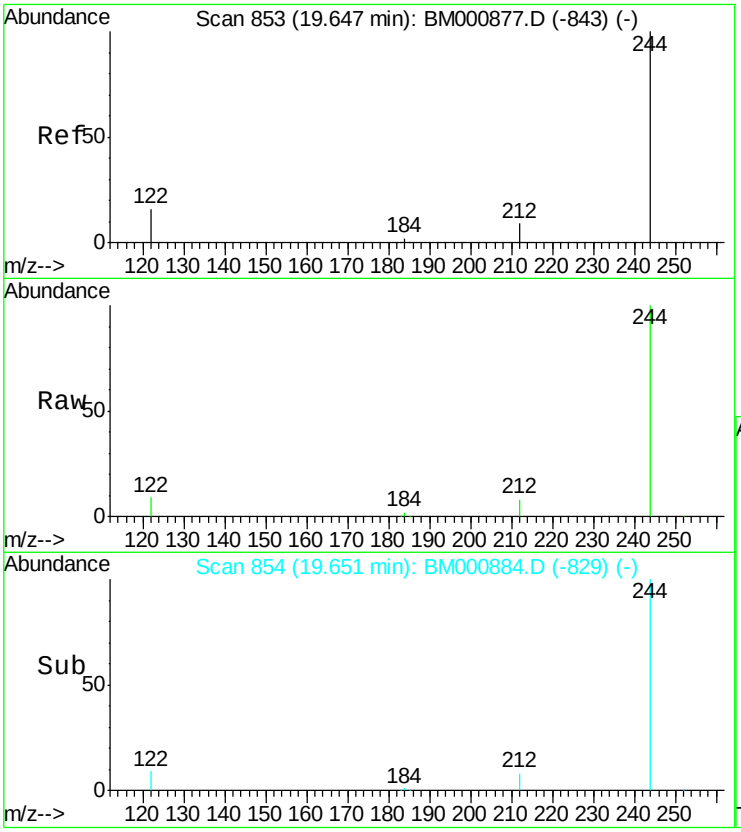


#31
Benzidine
Concen: 0.21 ng
RT: 19.29 min Scan# 824
Delta R.T. 0.02 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion:184 Resp: 632

Ion	Ratio	Lower	Upper
184	100		
185	40.6	14.4	21.6#
183	37.5	12.6	19.0#



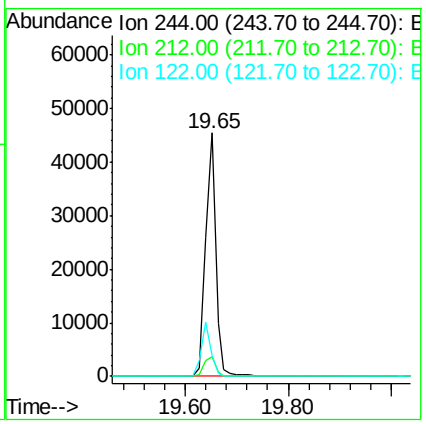


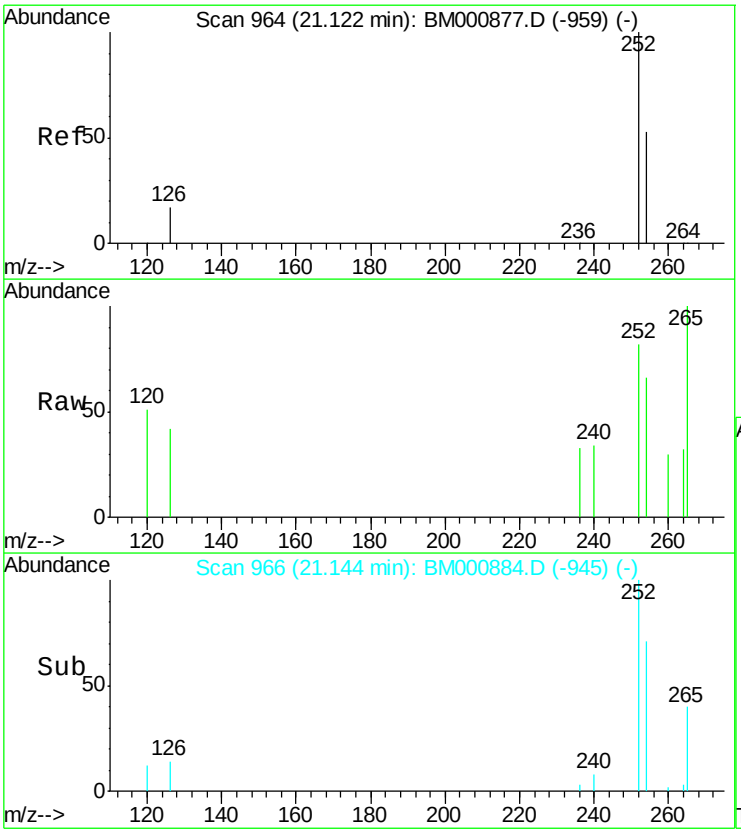
#32
Terphenyl-d14
Concen: 6.34 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion:244 Resp: 62303

Ion	Ratio	Lower	Upper
244	100		
212	8.3	8.1	12.1
122	8.8	13.6	20.4#

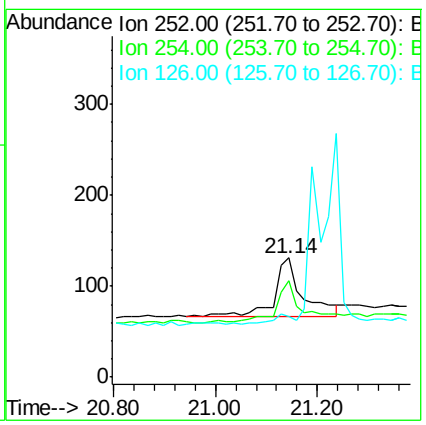


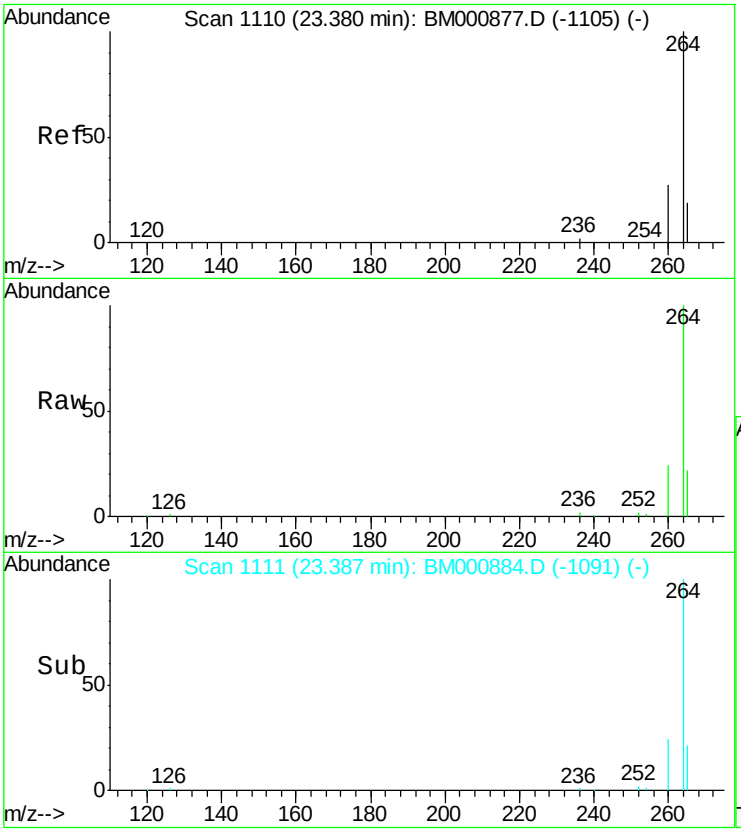


#33
3,3'-Dichlorobenzidine
Concen: 0.03 ng
RT: 21.14 min Scan# 966
Delta R.T. 0.02 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Tgt Ion:252 Resp: 245

Ion	Ratio	Lower	Upper
252	100		
254	80.9	43.2	64.8#
126	51.1	15.5	23.3#





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BM000884.D
Acq: 07 Apr 2015 17:38

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tgt Ion:264 Resp: 77389

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.6	32.4
265	22.1	16.1	24.1