Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040715\
Data File : BM000885.D
Acq On : 07 Apr 2015 18:13
Operator : TP/IZ
Sample : G1457-03DL2 40X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PT-BN-WPDL2

Quant Time: Apr 08 01:14:58 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	15765	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	80448	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	43900	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	107158	5.00	ng		0.00
30) Chrysene-d12	21.19	240	79431	5.00	ng		0.00
34) Perylene-d12	23.39	264	75916	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	21742	4.11	ng		0.00
5) Phenol-d6	6.77	99	36737	3.53	ng		0.00
12) Nitrobenzene-d5	8.77	82	12295	3.06	ng		0.00
20) 2,4,6-Tribromophenol	15.77	330	4015	2.41	ng		0.02
23) 2-Fluorobiphenyl	12.87	172	44616	3.30	ng		0.00
32) Terphenyl-d14	19.65	244	34727	3.54	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.60	42	52	0.23	ng	#	1
6) 2-Chlorophenol	7.17	128	56	0.17	ng	#	1
7) Phenol	6.81	94	128	0.02	ng	#	1
8) bis(2-Chloroethyl)ether	6.95	93	11	0.20	ng		100
9) 2-Methylphenol	8.06	107	47	0.01	ng	#	32
10) 3+4-Methylphenols	8.41	107	53	0.23	ng	#	26
13) Nitrobenzene	8.73	77	79	0.02	ng	#	57
14) 2-Nitrophenol	9.20	139	431	0.29	ng	#	1
15) 2,4-Dimethylphenol	9.58	122	21	0.00	ng	#	54
16) 2,4-Dichlorophenol	10.07	162	29	0.23	ng	#	27
17) Hexachlorobutadiene	10.72	225	15821	4.32	ng		98
18) 4-Chloro-3-methylphenol	11.71	107	34	0.22	ng	#	60
21) 2,4,6-Trichlorophenol	12.70	196	19	0.24	ng	#	62
22) 2,4,5-Trichlorophenol	12.77	196	29	0.20	ng		85
25) 4-Nitrophenol	14.32	139	247	0.50	ng	#	58
27) 4,6-Dinitro-2-methylphenol	15.44	198	1633	1.41	ng	#	1
28) Hexachlorobenzene	16.33	284	15	Below Cal		#	1
29) Pentachlorophenol	16.69	266	29	0.53	ng	#	69
31) Benzidine	19.30	184	189	0.05	ng	#	1
33) 3,3'-Dichlorobenzidine	21.14	252	99	Below Cal		#	37

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

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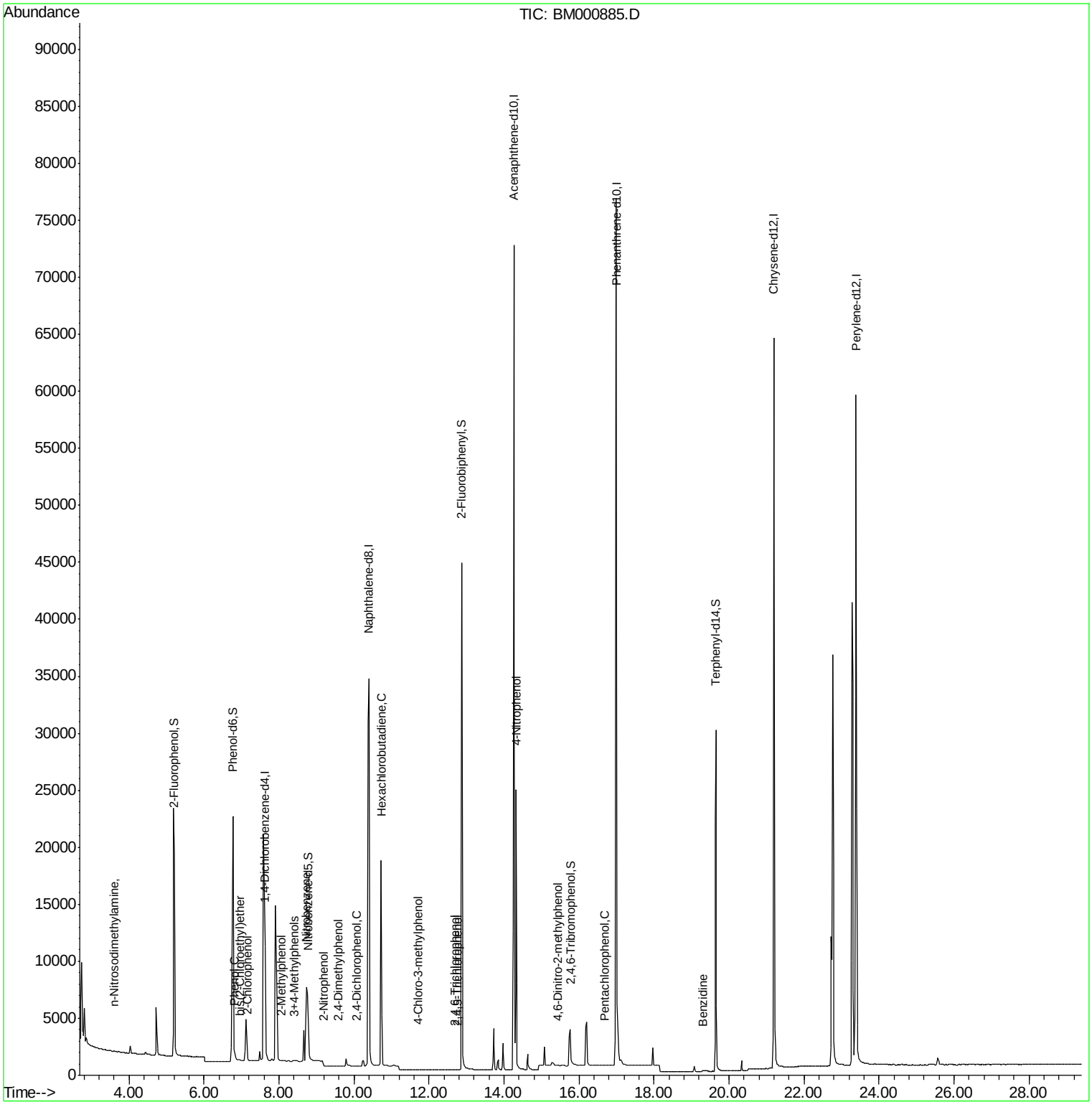
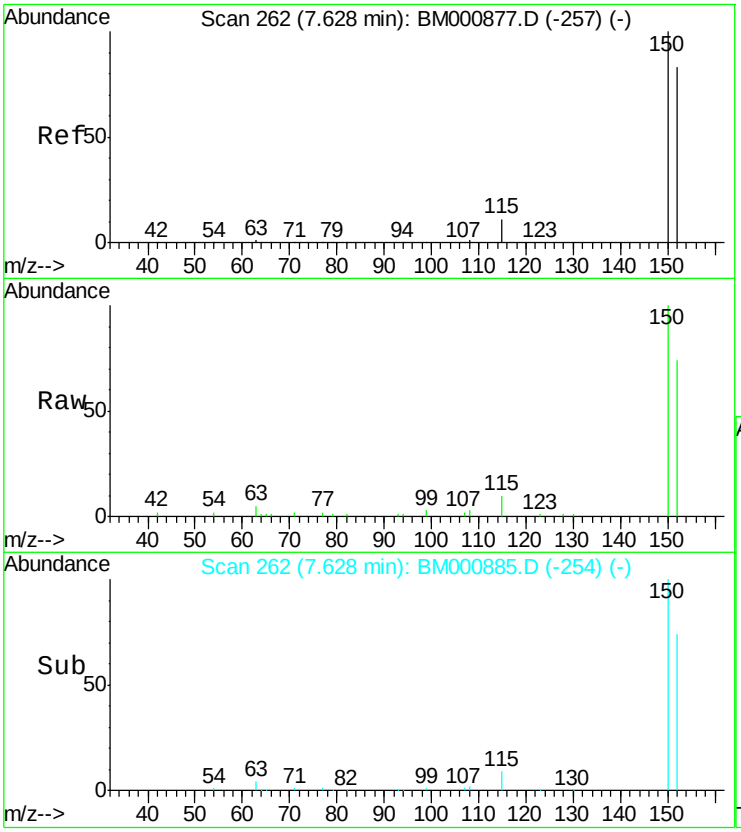


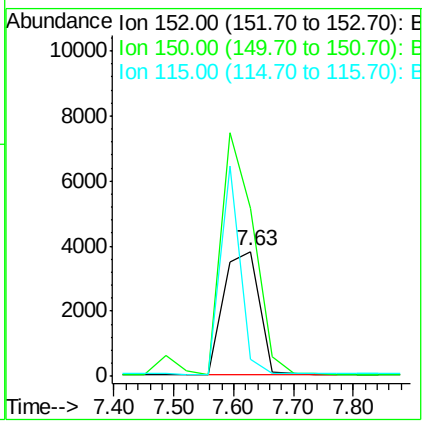


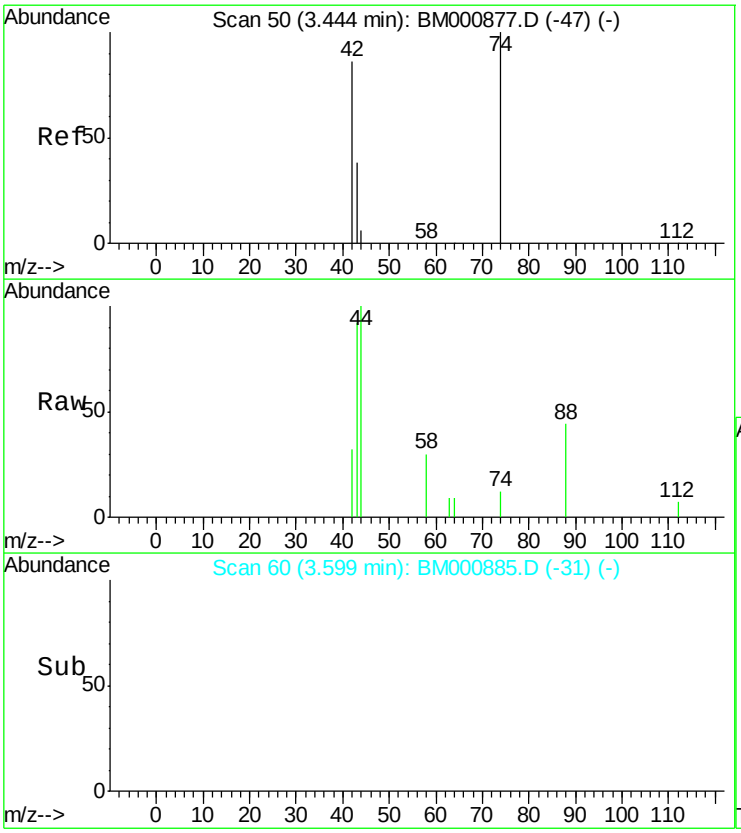
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:152 Resp: 15765

Ion	Ratio	Lower	Upper
152	100		
150	135.1	96.5	144.7
115	14.2	11.9	17.9

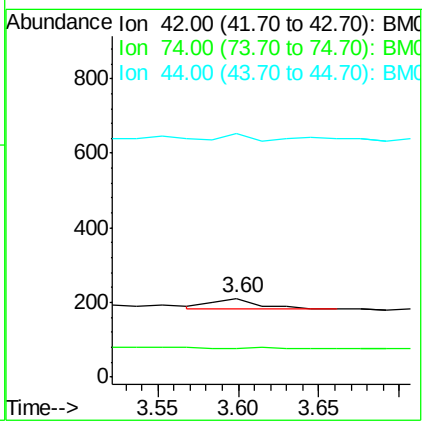


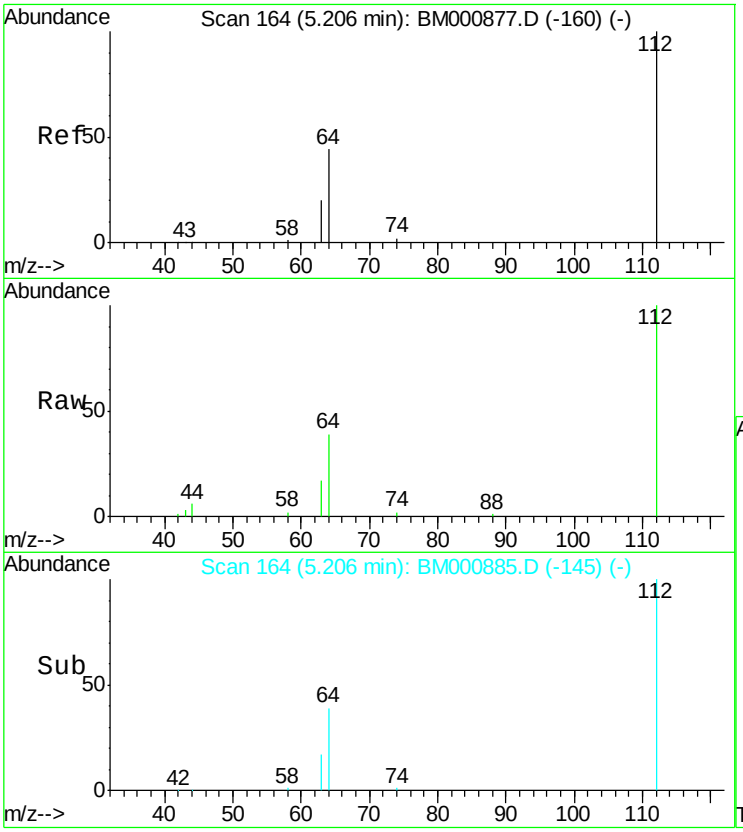


#3
n-Nitrosodimethylamine
Concen: 0.23 ng
RT: 3.60 min Scan# 60
Delta R.T. 0.15 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion: 42 Resp: 52

Ion	Ratio	Lower	Upper
42	100		
74	36.0	81.0	121.4#
44	309.5	53.3	79.9#



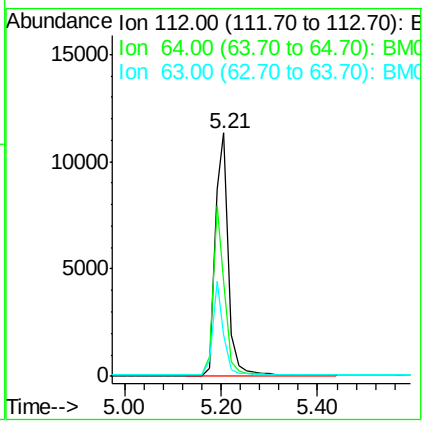


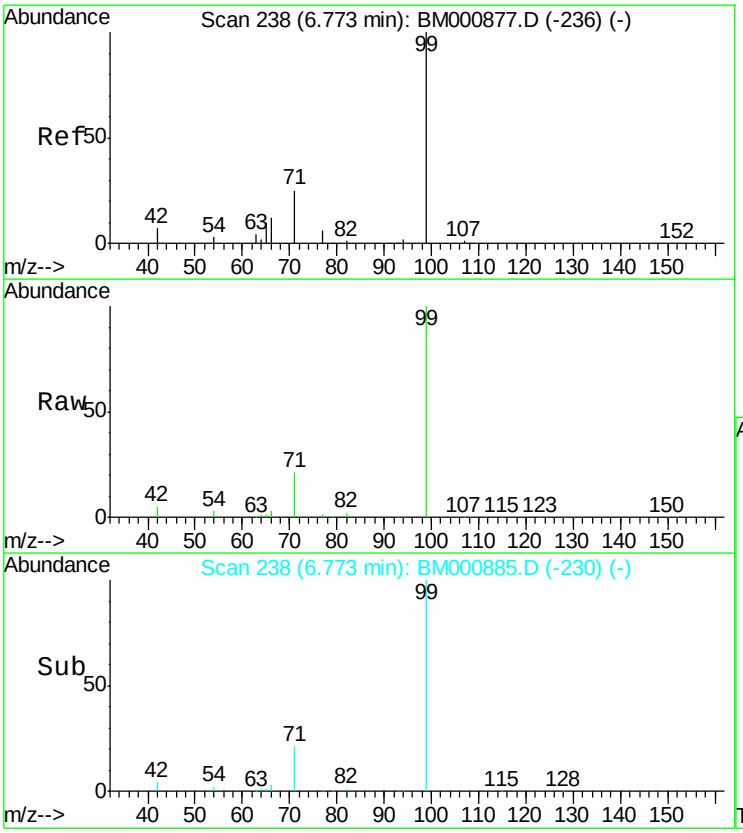
#4
2-Fluorophenol
Concen: 4.11 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:112 Resp: 21742

Ion	Ratio	Lower	Upper
112	100		
64	39.0	35.7	53.5
63	17.0	17.0	25.4

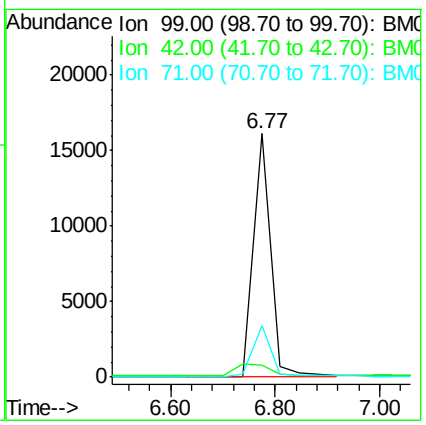


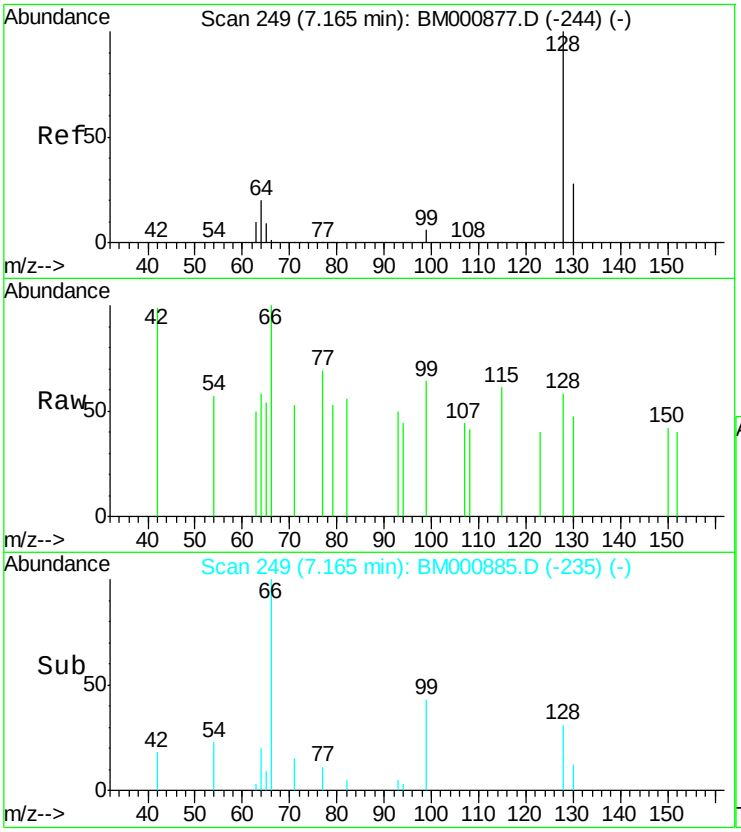


#5
Phenol-d6
Concen: 3.53 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion: 99 Resp: 36737

Ion	Ratio	Lower	Upper
99	100		
42	4.9	7.5	11.3#
71	21.4	21.3	31.9



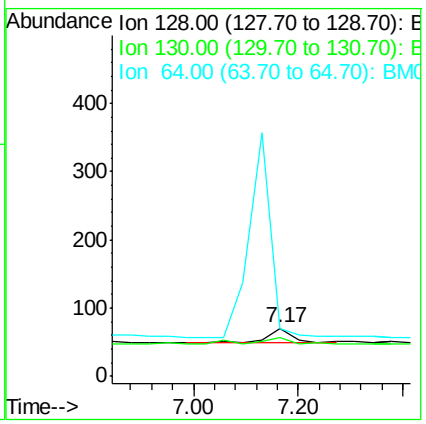


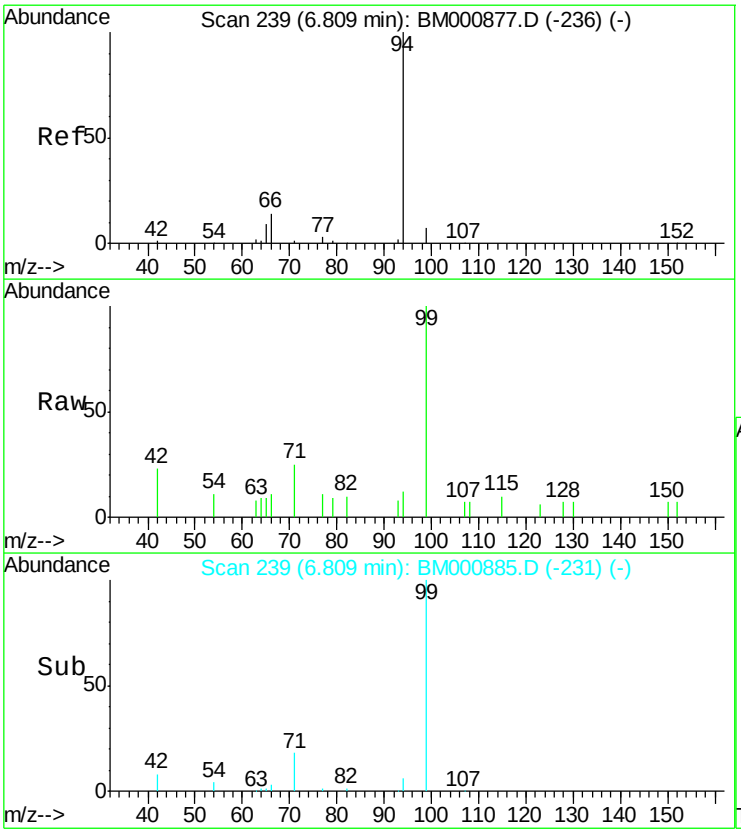
#6
2-Chlorophenol
Concen: 0.17 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:128 Resp: 56

Ion	Ratio	Lower	Upper
128	100		
130	80.0	9.4	49.4#
64	100.0	2.1	42.1#

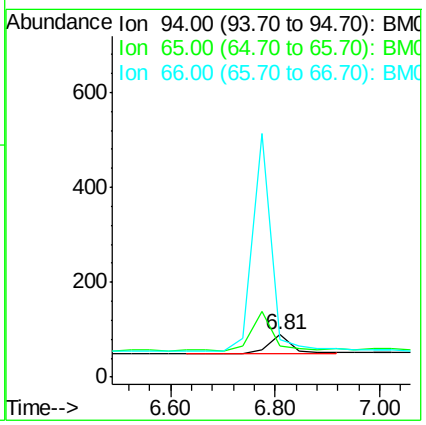


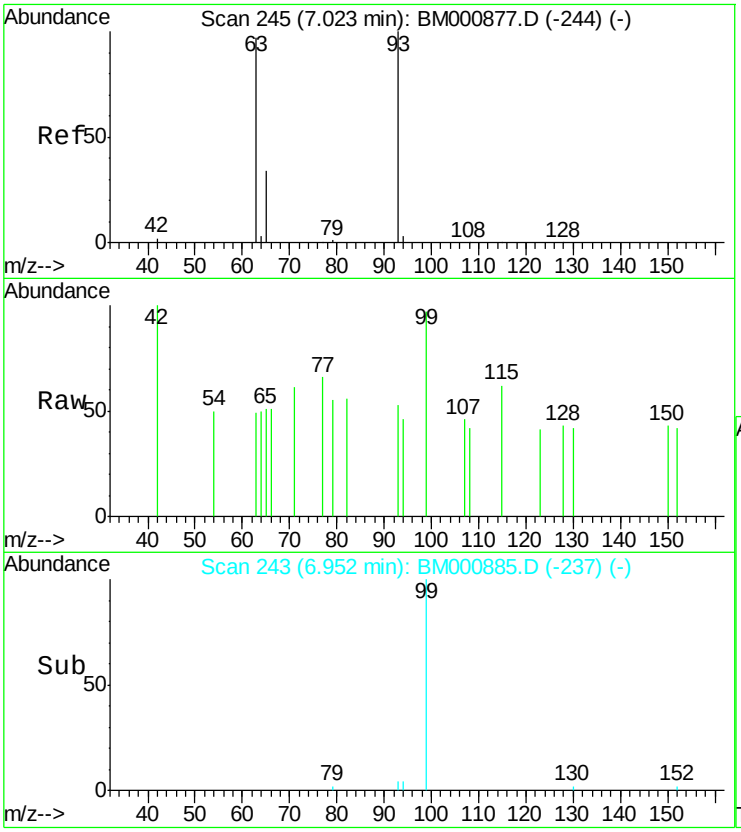


#7
Phenol
Concen: 0.02 ng
RT: 6.81 min Scan# 239
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion: 94 Resp: 128

Ion	Ratio	Lower	Upper
94	100		
65	73.0	0.0	30.9#
66	88.8	0.0	35.8#



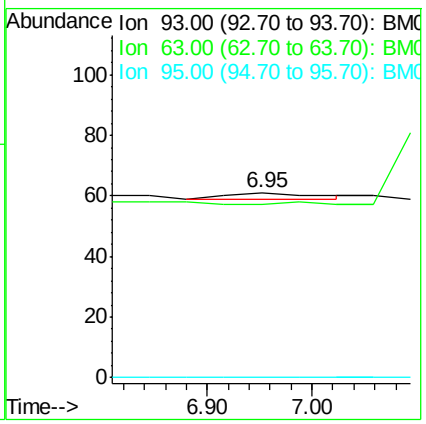


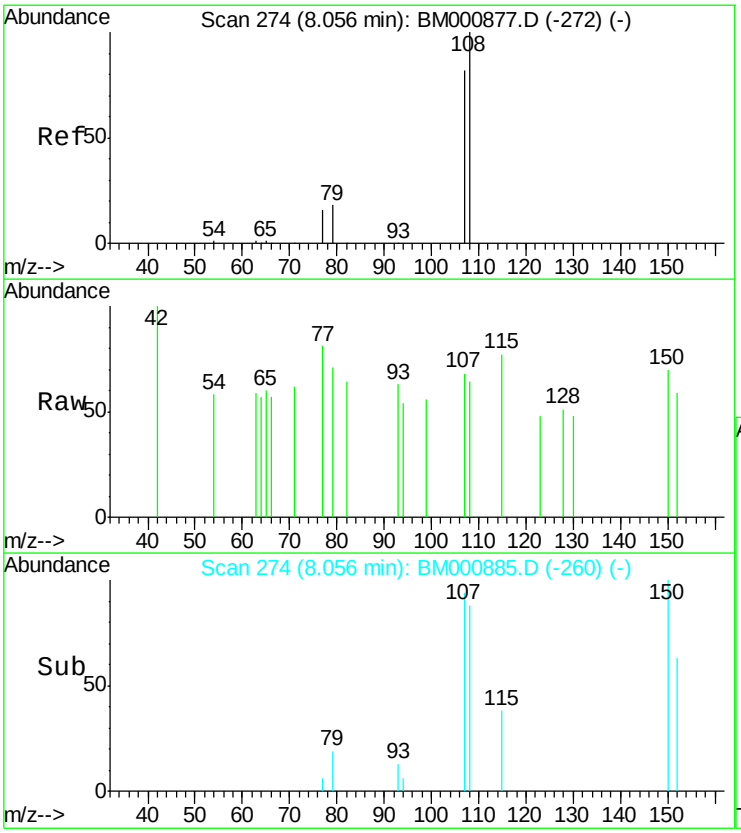
#8
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 6.95 min Scan# 243
Delta R.T. -0.07 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion: 93 Resp: 11

Ion	Ratio	Lower	Upper
93	100		
63	93.4	73.3	113.3
95	0.0	0.0	20.0

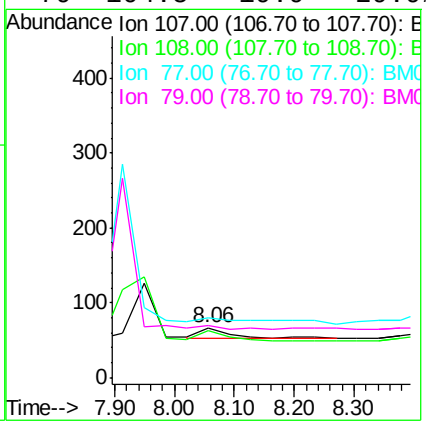


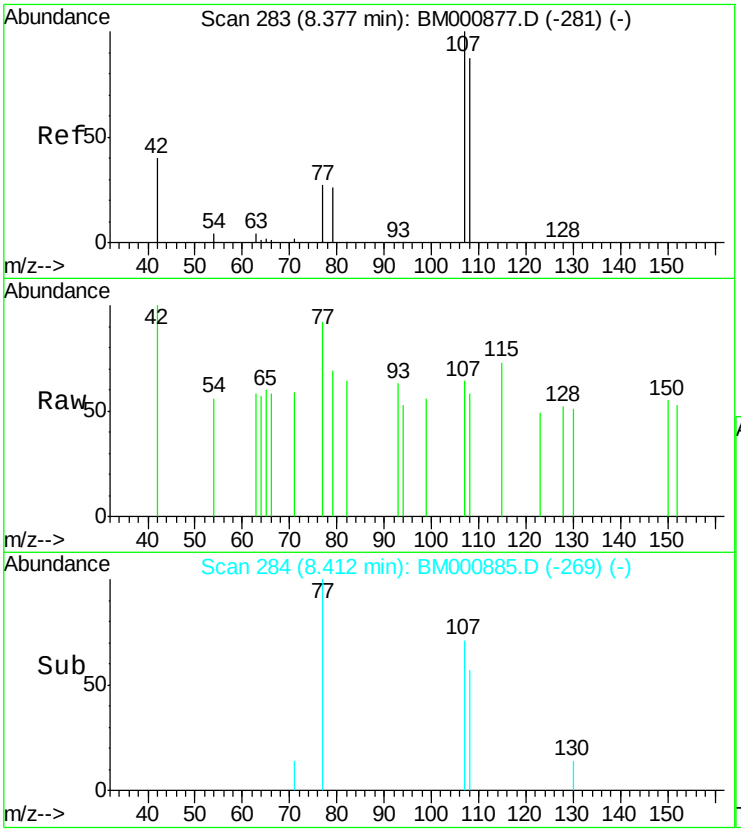


#9
2-Methylphenol
Concen: 0.01 ng
RT: 8.06 min Scan# 274
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:107 Resp: 47

Ion	Ratio	Lower	Upper
107	100		
108	94.0	96.7	145.1#
77	119.4	18.3	27.5#
79	104.5	19.9	29.9#



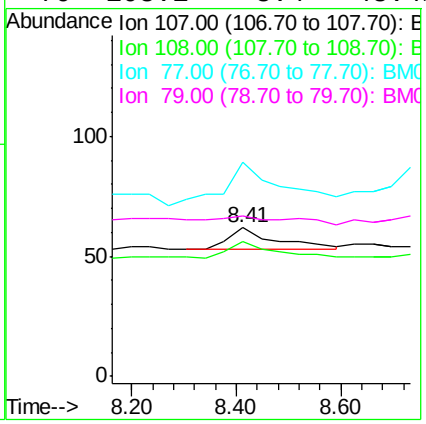


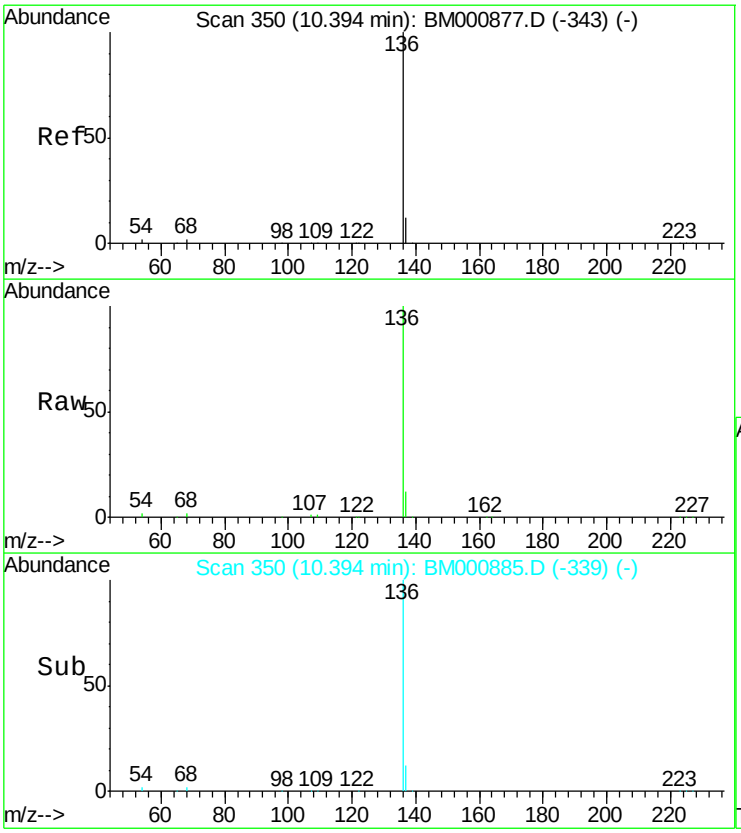
#10
3+4-Methylphenols
Concen: 0.23 ng
RT: 8.41 min Scan# 284
Delta R.T. 0.04 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:107 Resp: 53

Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.6	107.6
77	143.5	10.0	50.0#
79	108.1	8.4	48.4#

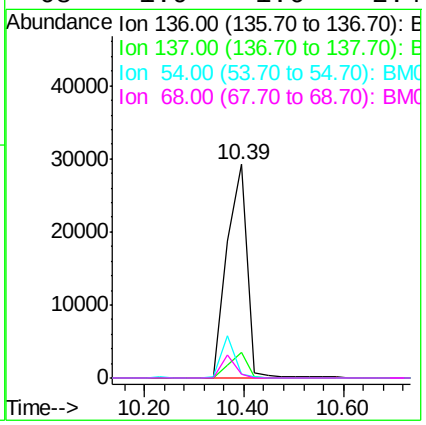


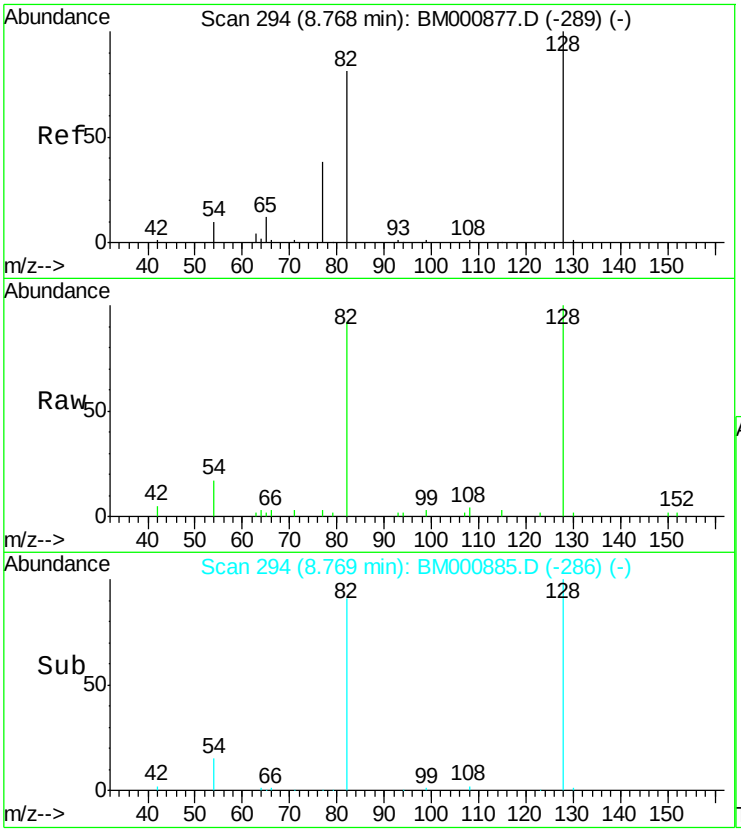


#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:136 Resp: 80448

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	1.8	1.5	2.3
68	1.9	1.6	2.4



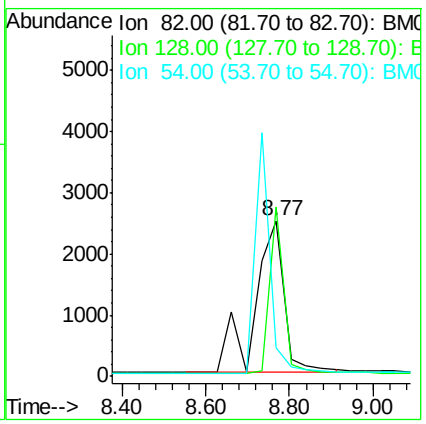


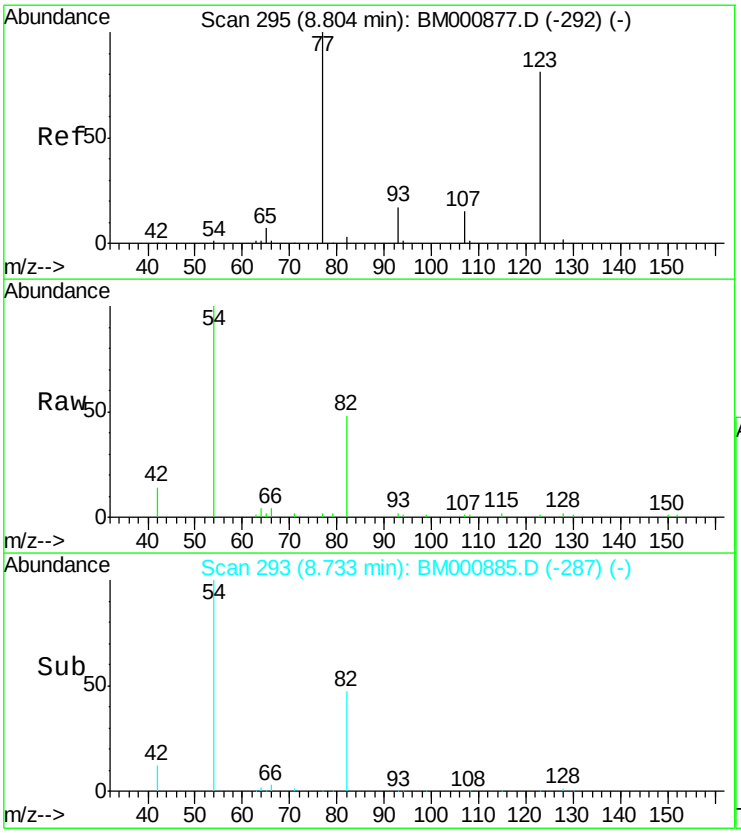
#12
Nitrobenzene-d5
Concen: 3.06 ng
RT: 8.77 min Scan# 294
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion: 82 Resp: 12295

Ion	Ratio	Lower	Upper
82	100		
128	108.8	96.2	144.2
54	18.4	15.0	22.6

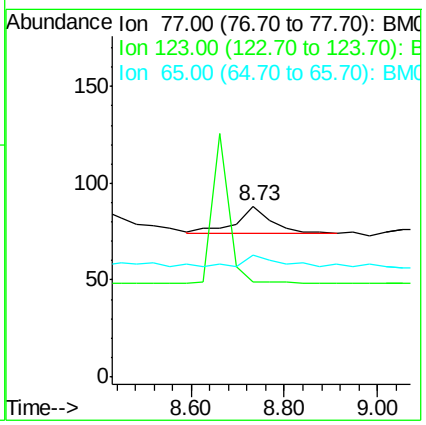


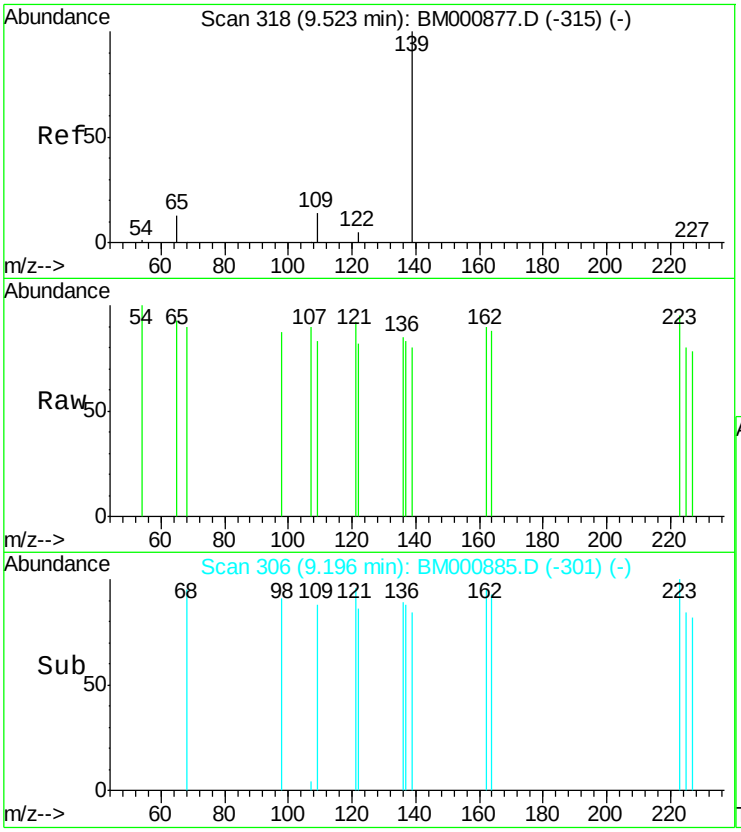


#13
Nitrobenzene
Concen: 0.02 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.07 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion: 77 Resp: 79

Ion	Ratio	Lower	Upper
77	100		
123	55.7	64.0	96.0#
65	71.6	8.7	13.1#



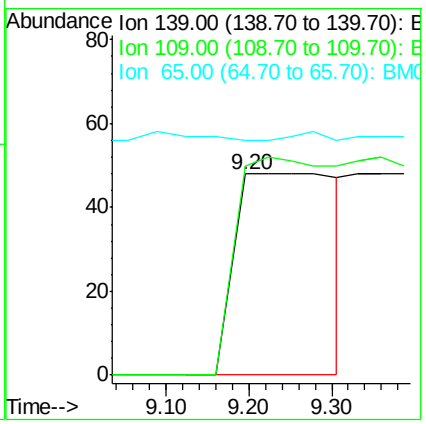


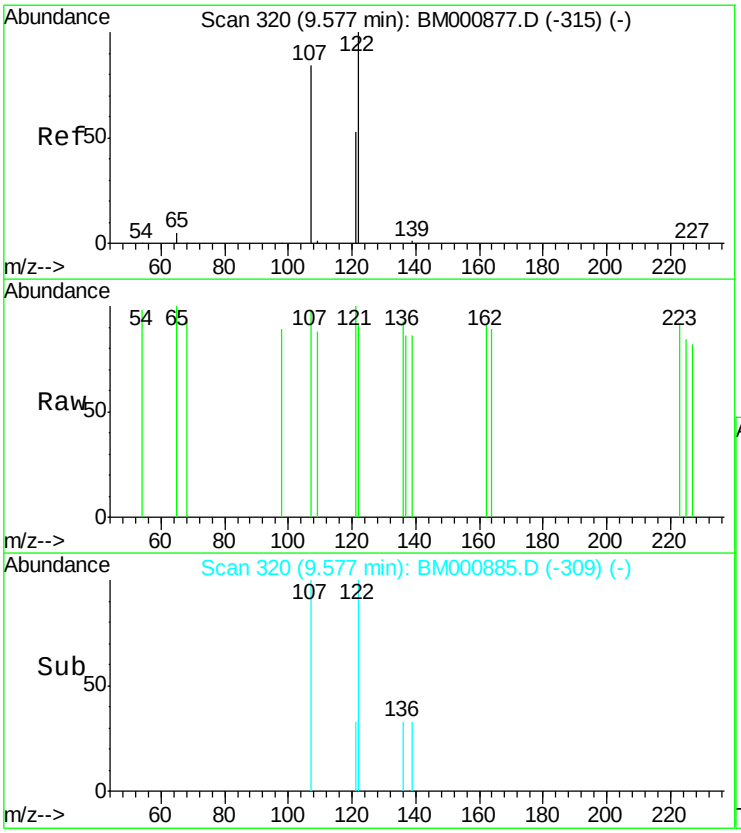
#14
2-Nitrophenol
Concen: 0.29 ng
RT: 9.20 min Scan# 306
Delta R.T. -0.33 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:139 Resp: 431

Ion	Ratio	Lower	Upper
139	100		
109	104.2	15.8	23.8#
65	116.7	16.2	24.2#

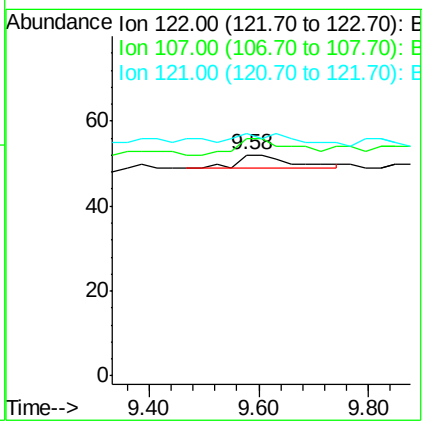


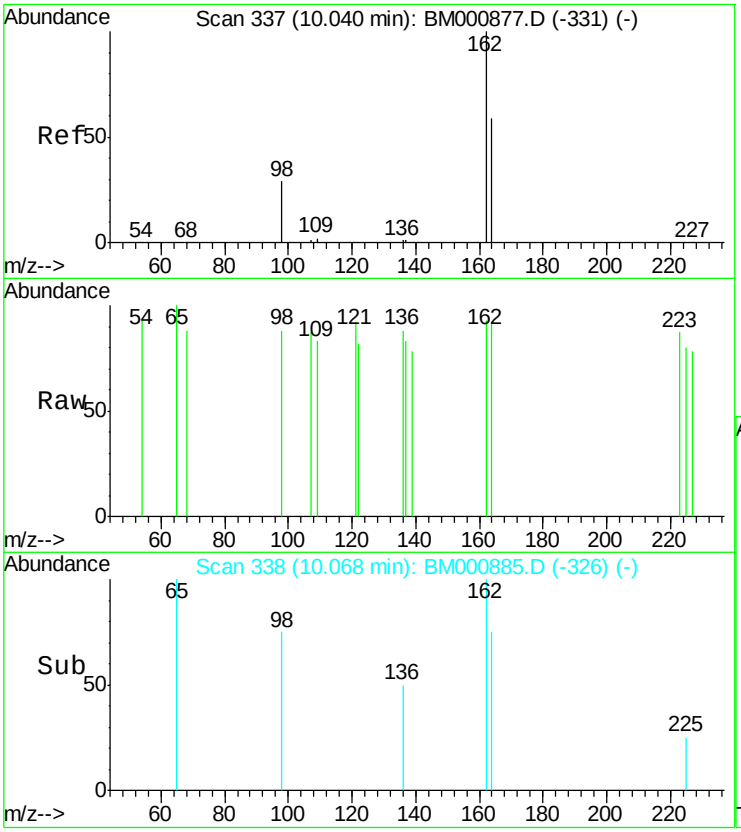


#15
2,4-Dimethylphenol
Concen: 0.00 ng
RT: 9.58 min Scan# 320
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:122 Resp: 21

Ion	Ratio	Lower	Upper
122	100		
107	107.7	67.4	101.2#
121	109.6	43.5	65.3#



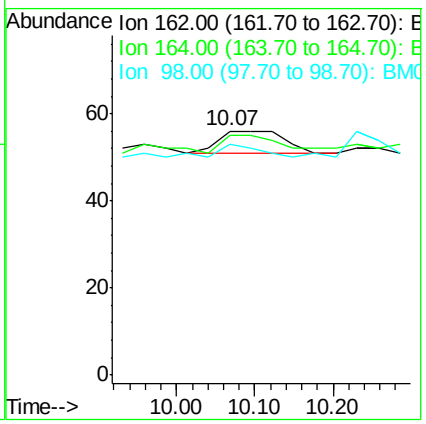


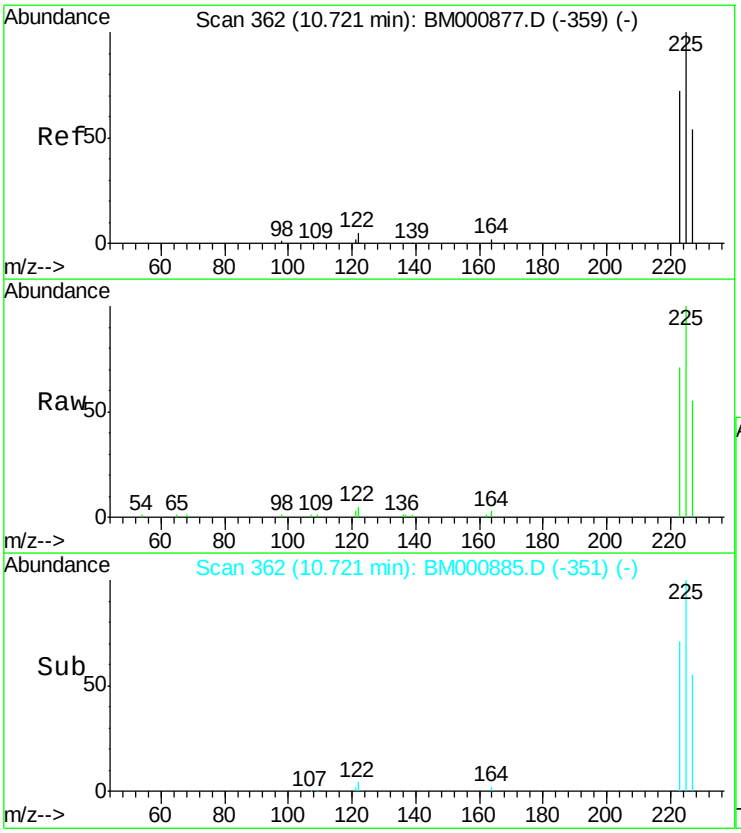
#16
2,4-Dichlorophenol
Concen: 0.23 ng
RT: 10.07 min Scan# 338
Delta R.T. 0.03 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:162 Resp: 29

Ion	Ratio	Lower	Upper
162	100		
164	98.2	39.9	79.9#
98	94.6	11.3	51.3#

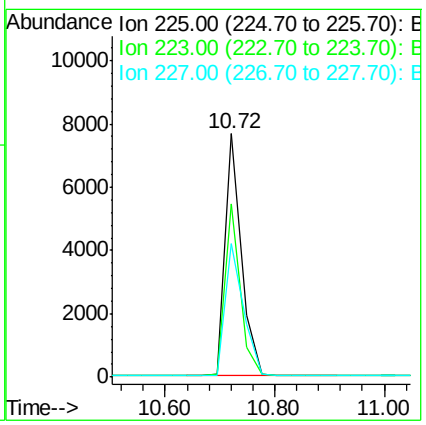


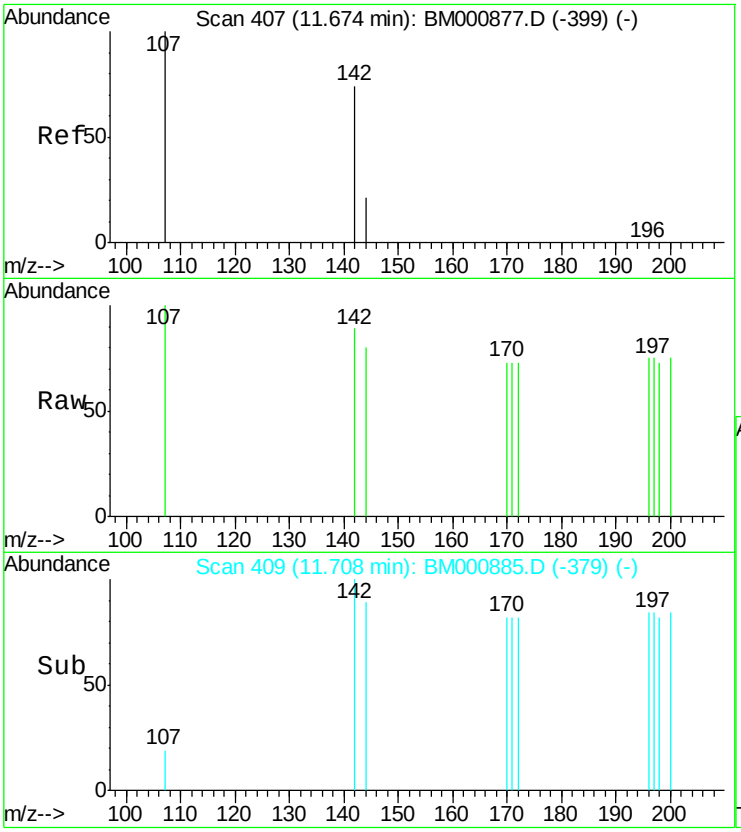


#17
Hexachlorobutadiene
Concen: 4.32 ng
RT: 10.72 min Scan# 362
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:225 Resp: 15821

Ion	Ratio	Lower	Upper
225	100		
223	71.2	58.3	87.5
227	54.9	44.5	66.7



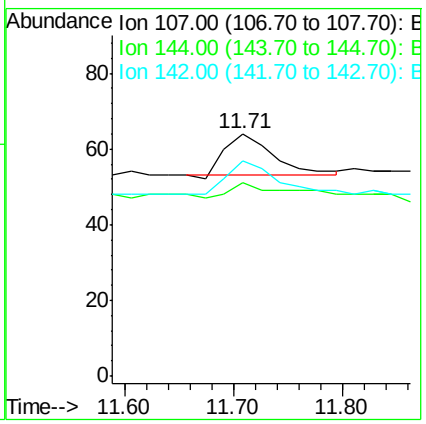


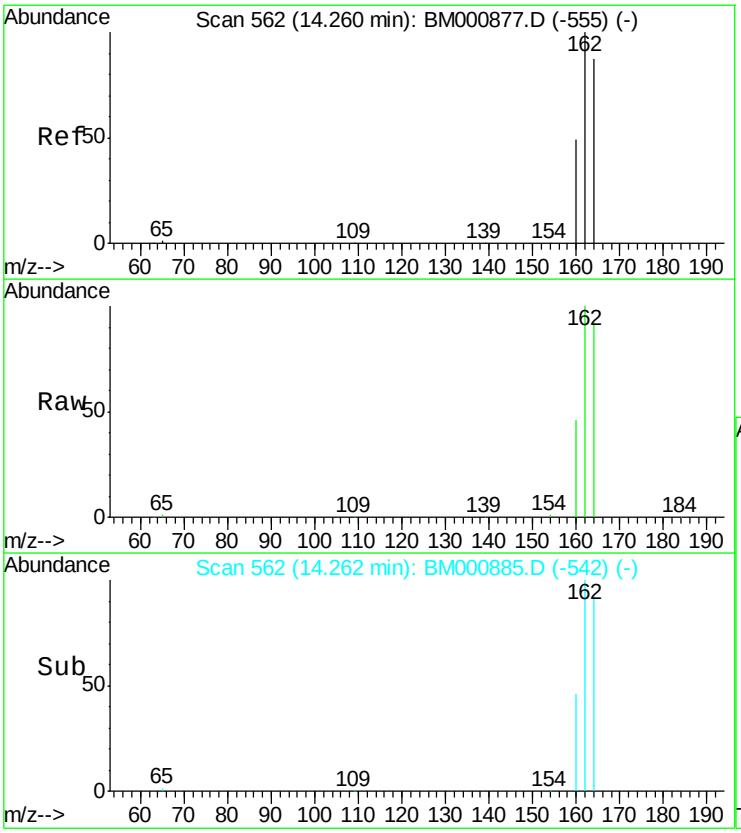
#18
4-Chloro-3-methylphenol
Concen: 0.22 ng
RT: 11.71 min Scan# 409
Delta R.T. 0.03 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:107 Resp: 34

Ion	Ratio	Lower	Upper
107	100		
144	79.7	18.4	27.6#
142	89.1	59.9	89.9

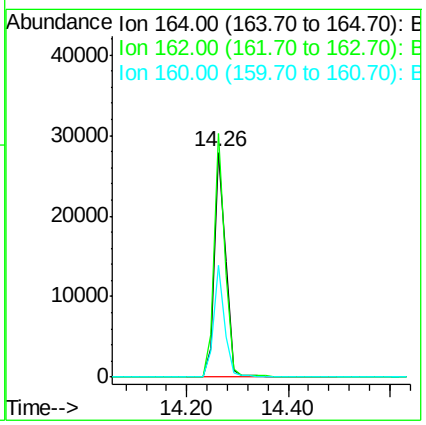


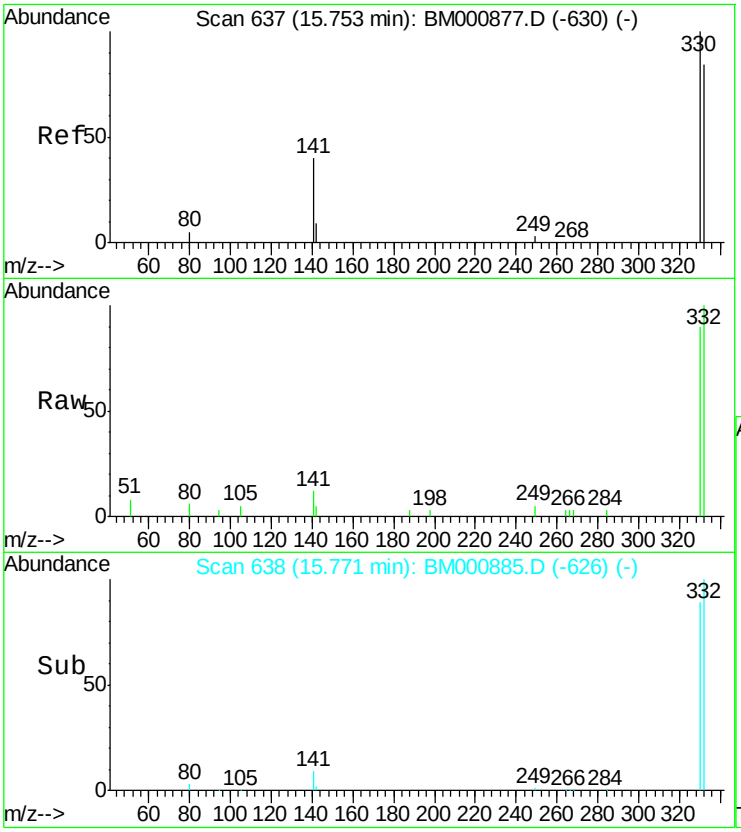


#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:164 Resp: 43900

Ion	Ratio	Lower	Upper
164	100		
162	108.2	91.8	137.6
160	49.9	44.6	67.0



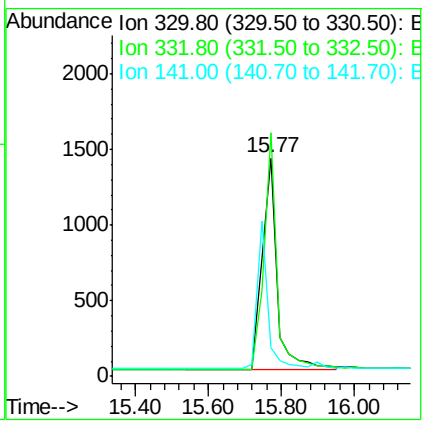


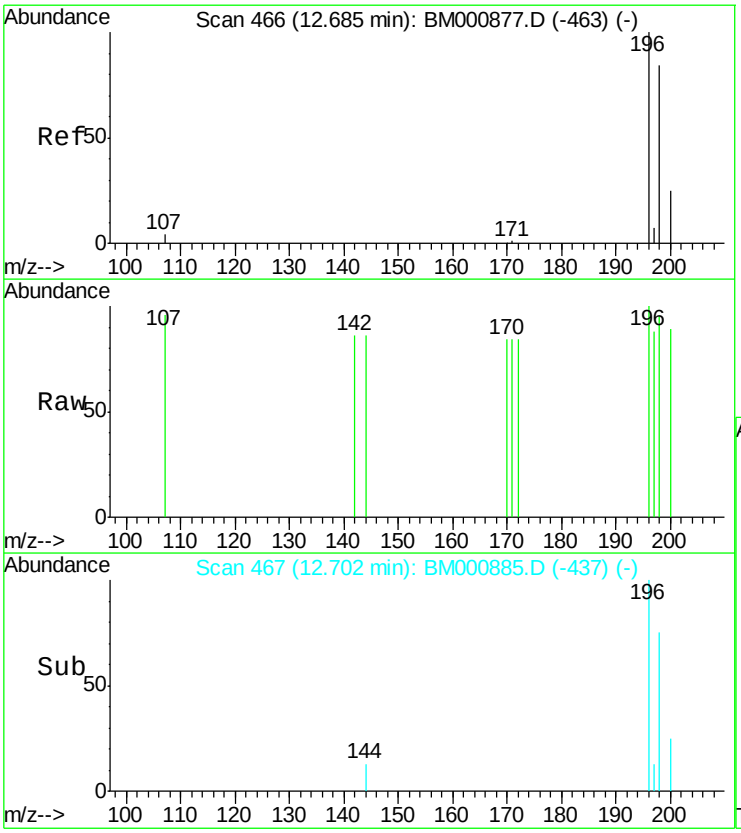
#20
2,4,6-Tribromophenol
Concen: 2.41 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:330 Resp: 4015

Ion	Ratio	Lower	Upper
330	100		
332	98.1	72.6	109.0
141	0.0	29.8	44.6#

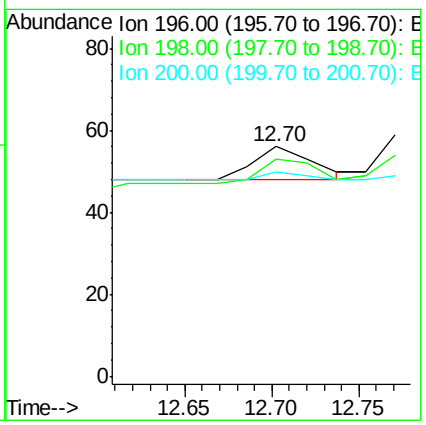


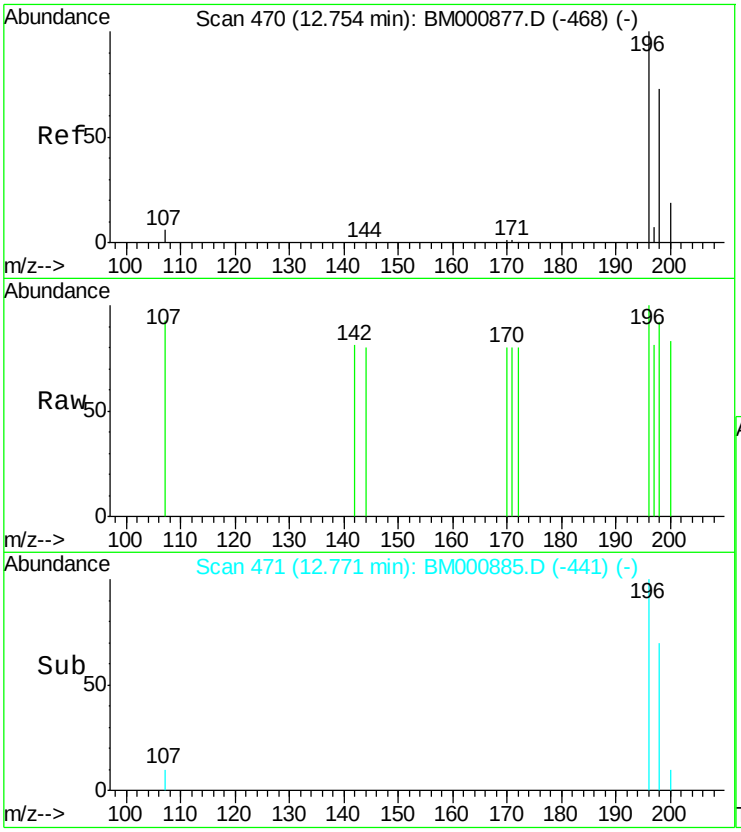


#21
2,4,6-Trichlorophenol
Concen: 0.24 ng
RT: 12.70 min Scan# 467
Delta R.T. 0.02 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:196 Resp: 19

Ion	Ratio	Lower	Upper
196	100		
198	94.6	67.5	101.3
200	89.3	22.1	33.1#



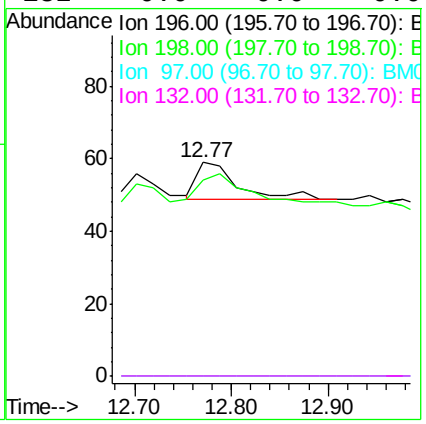


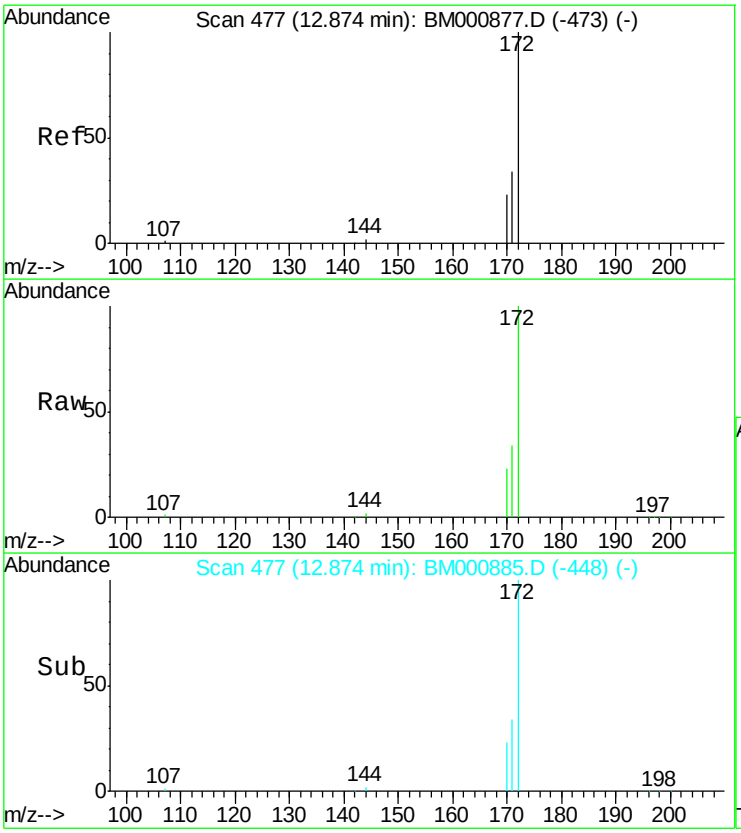
#22
2,4,5-Trichlorophenol
Concen: 0.20 ng
RT: 12.77 min Scan# 471
Delta R.T. 0.02 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:196 Resp: 29

Ion	Ratio	Lower	Upper
196	100		
198	91.5	62.7	94.1
97	0.0	0.0	0.0
132	0.0	0.0	0.0

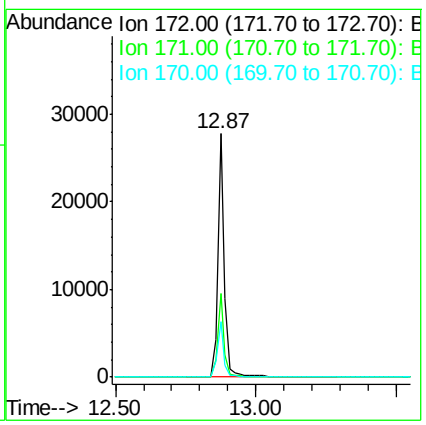


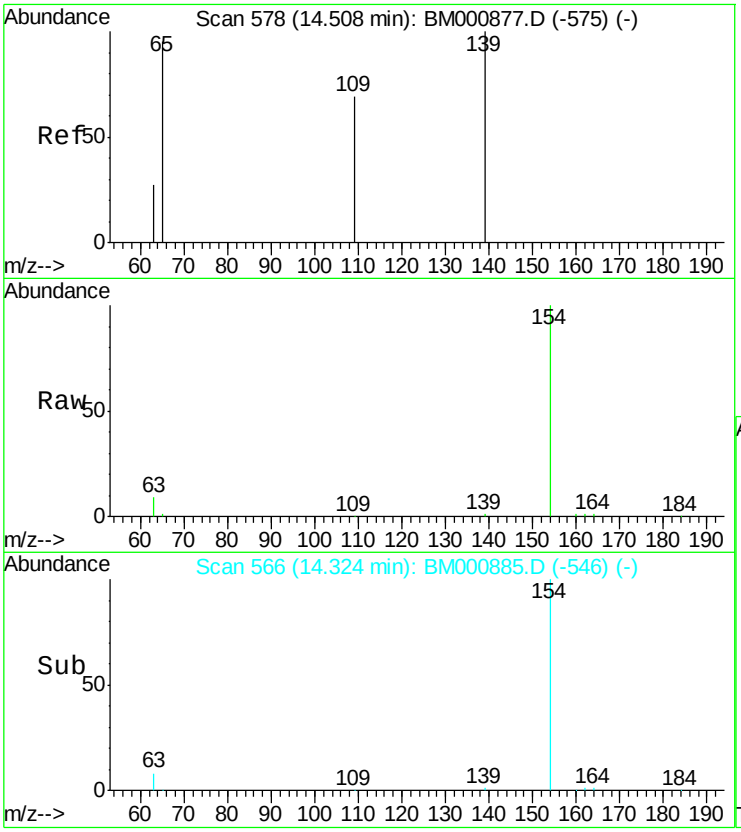


#23
2-Fluorobiphenyl
Concen: 3.30 ng
RT: 12.87 min Scan# 477
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:172 Resp: 44616

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	22.7	19.0	28.6



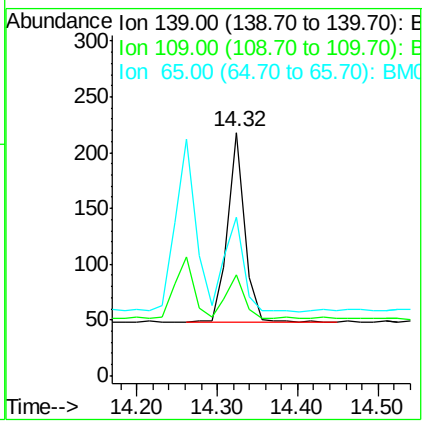


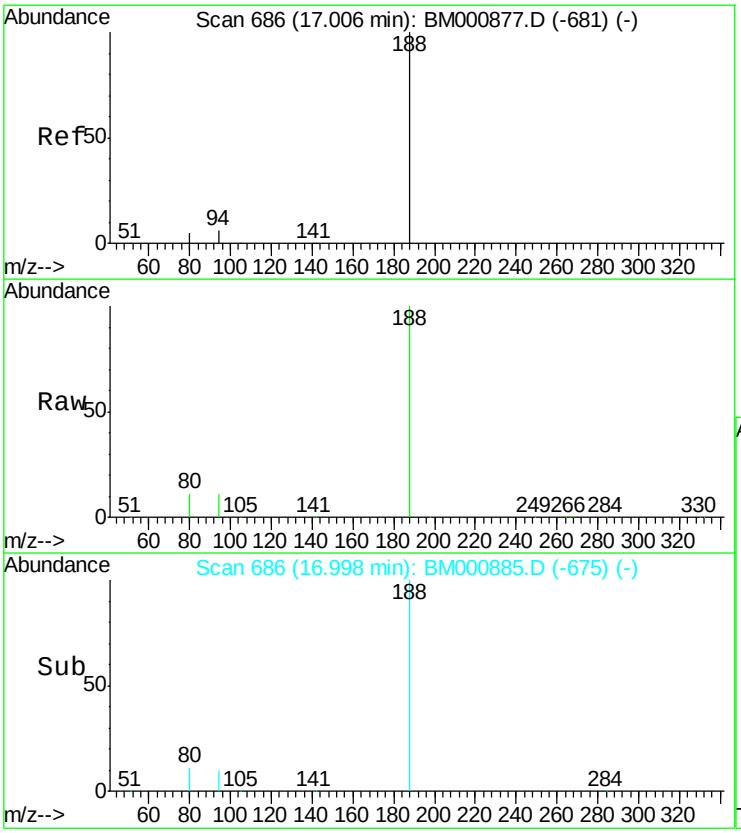
#25
4-Nitrophenol
Concen: 0.50 ng
RT: 14.32 min Scan# 566
Delta R.T. -0.18 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:139 Resp: 247

Ion	Ratio	Lower	Upper
139	100		
109	41.3	58.4	98.4#
65	65.1	87.7	127.7#

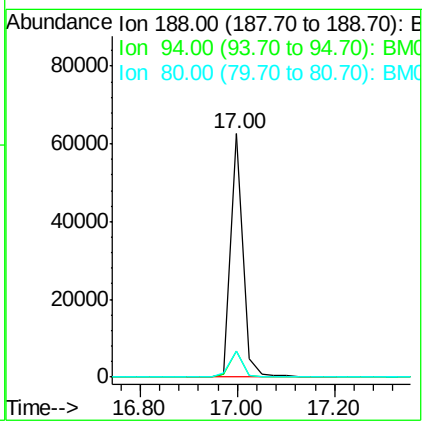


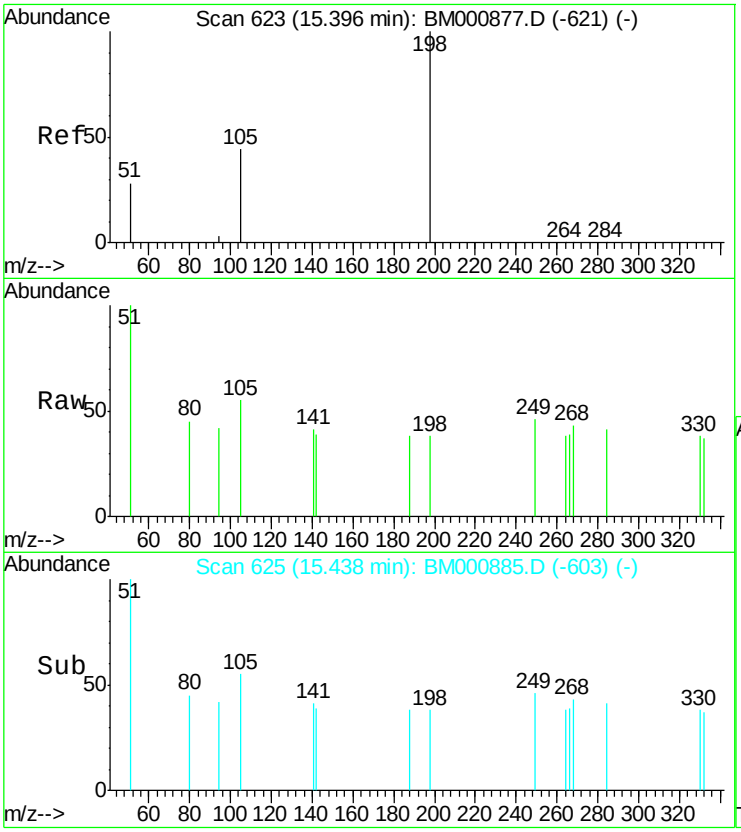


#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:188 Resp: 107158

Ion	Ratio	Lower	Upper
188	100		
94	10.5	4.9	7.3#
80	10.7	4.4	6.6#



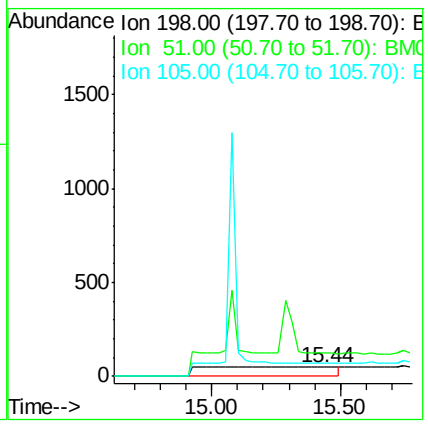


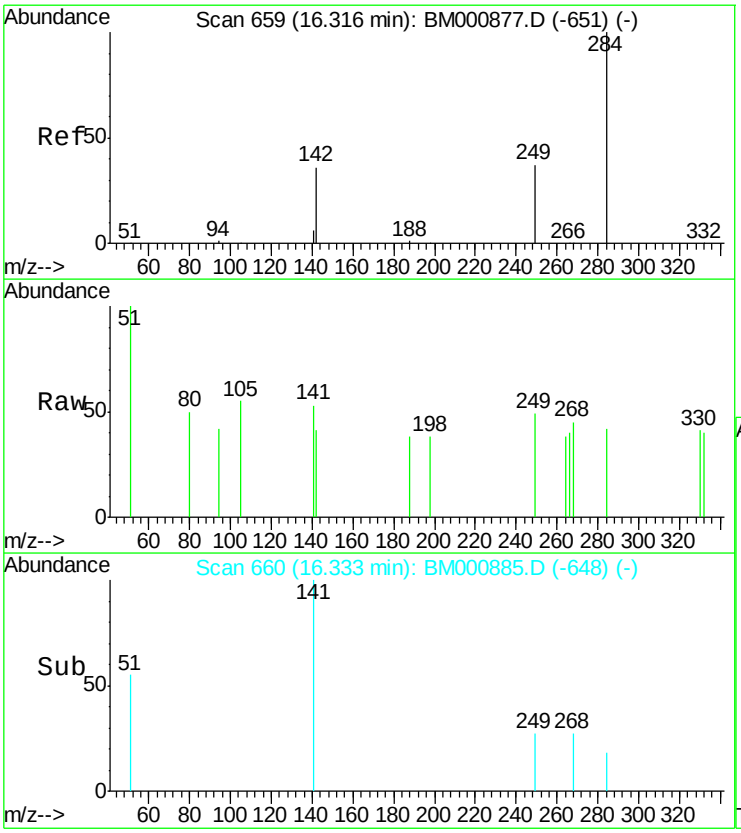
#27
4,6-Dinitro-2-methylphenol
Concen: 1.41 ng
RT: 15.44 min Scan# 625
Delta R.T. 0.04 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:198 Resp: 1633

Ion	Ratio	Lower	Upper
198	100		
51	260.4	44.6	84.6#
105	143.8	36.0	76.0#

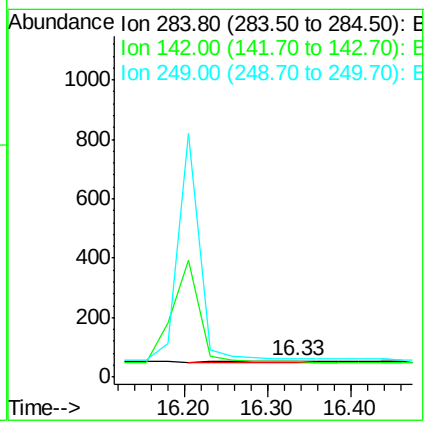


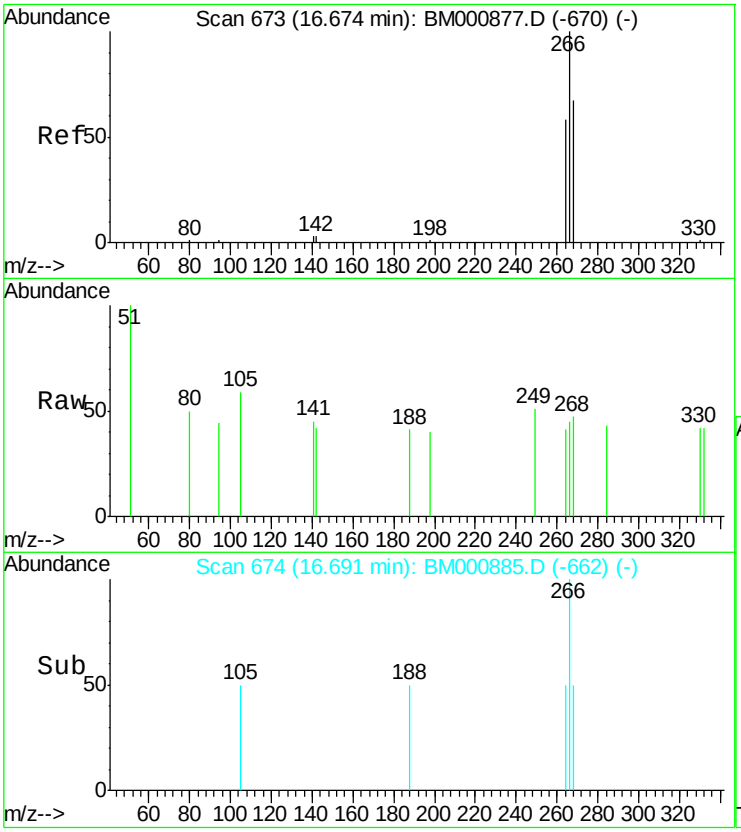


#28
Hexachlorobenzene
Concen: Below Cal
RT: 16.33 min Scan# 660
Delta R.T. 0.02 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:284 Resp: 15

Ion	Ratio	Lower	Upper
284	100		
142	96.2	29.8	44.8#
249	115.1	31.0	46.4#



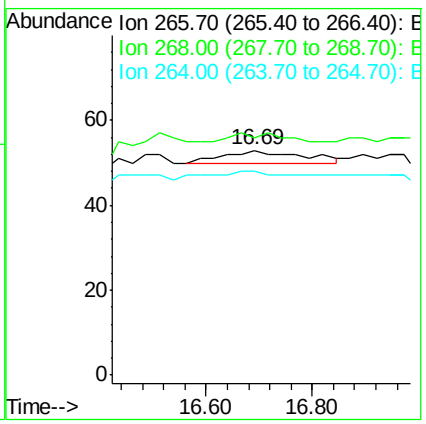


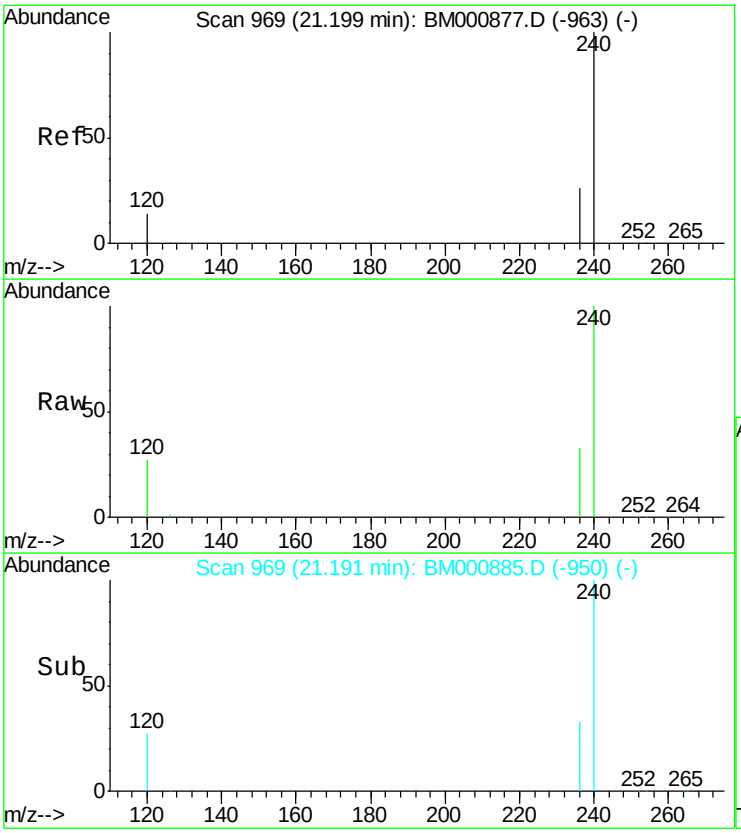
#29
Pentachlorophenol
Concen: 0.53 ng
RT: 16.69 min Scan# 674
Delta R.T. 0.02 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:266 Resp: 29

Ion	Ratio	Lower	Upper
266	100		
268	105.7	61.8	92.8#
264	90.6	53.8	80.6#

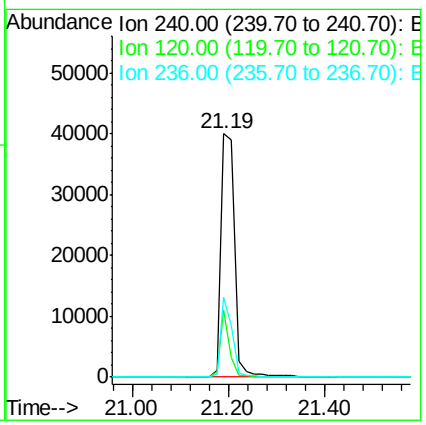


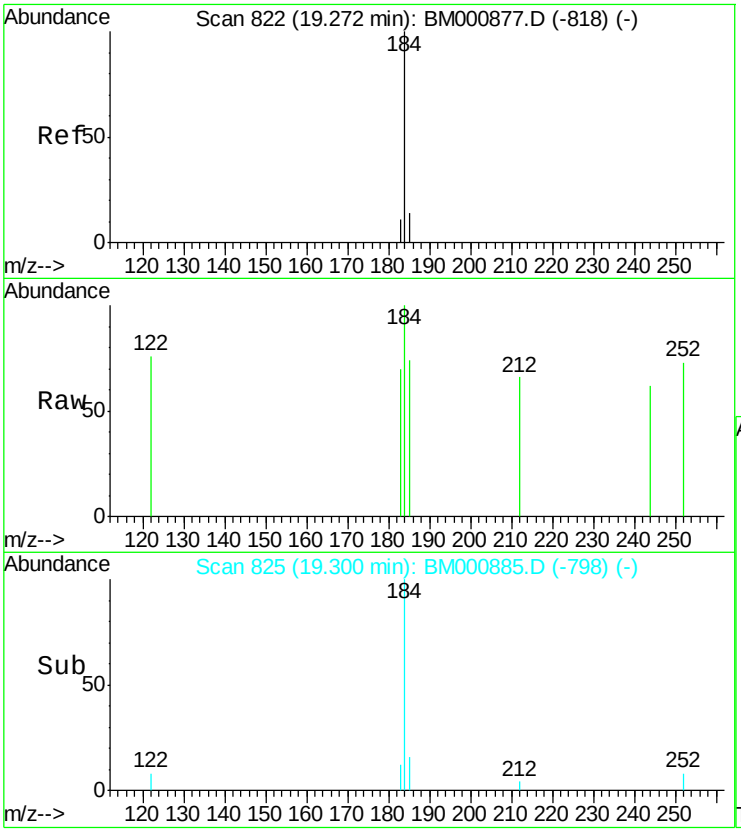


#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.19 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:240 Resp: 79431

Ion	Ratio	Lower	Upper
240	100		
120	27.3	11.1	16.7#
236	32.7	20.9	31.3#



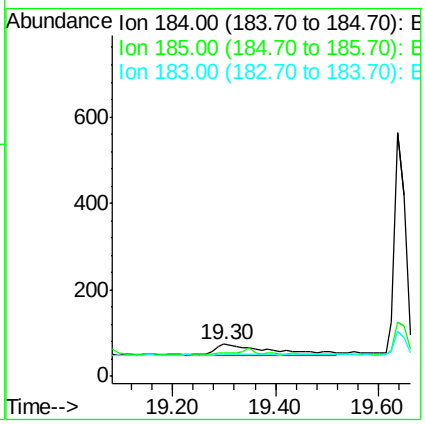


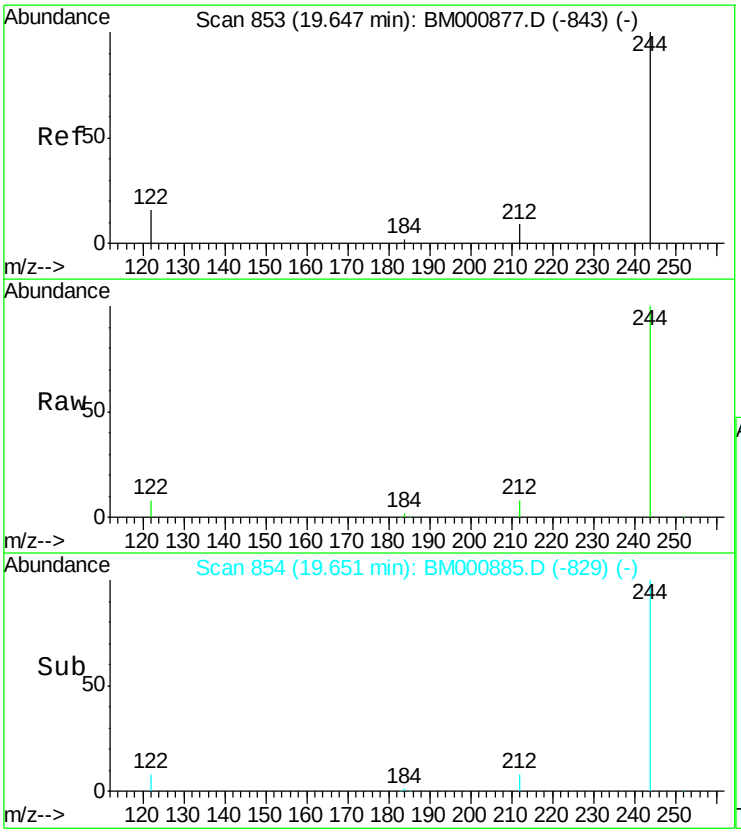
#31
Benzidine
Concen: 0.05 ng
RT: 19.30 min Scan# 825
Delta R.T. 0.03 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:184 Resp: 189

Ion	Ratio	Lower	Upper
184	100		
185	74.3	14.4	21.6#
183	70.3	12.6	19.0#

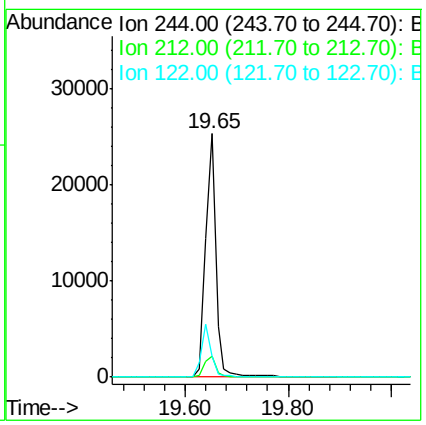


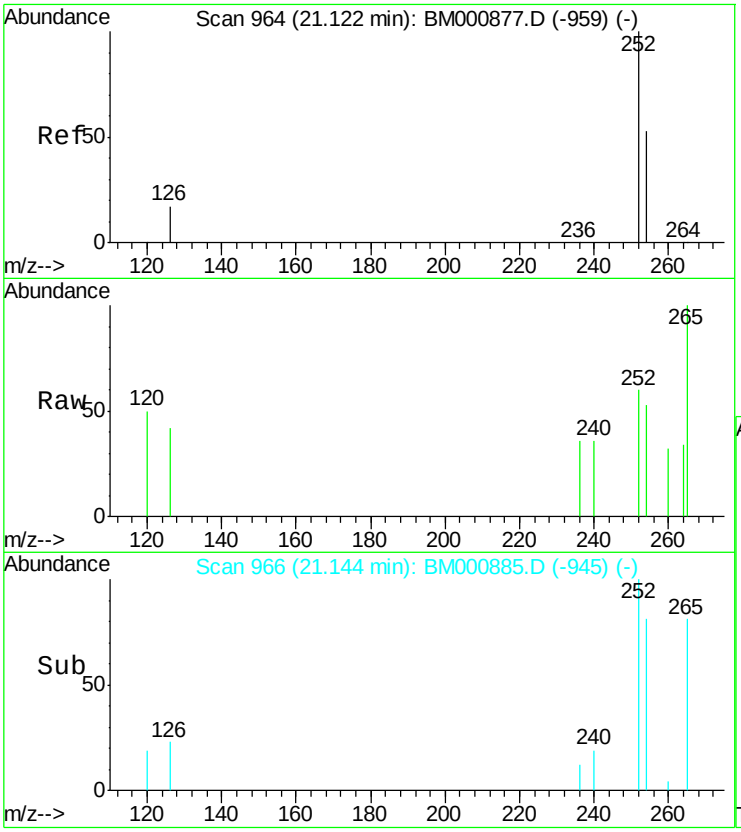


#32
Terphenyl-d14
Concen: 3.54 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:244 Resp: 34727

Ion	Ratio	Lower	Upper
244	100		
212	8.5	8.1	12.1
122	8.5	13.6	20.4#



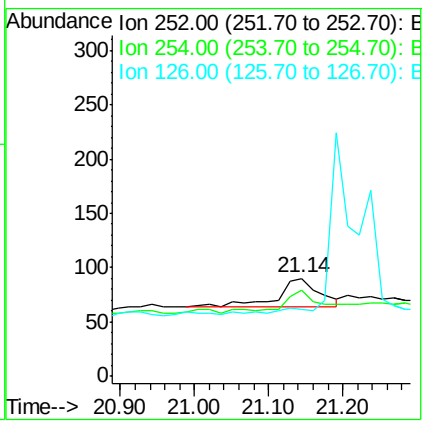


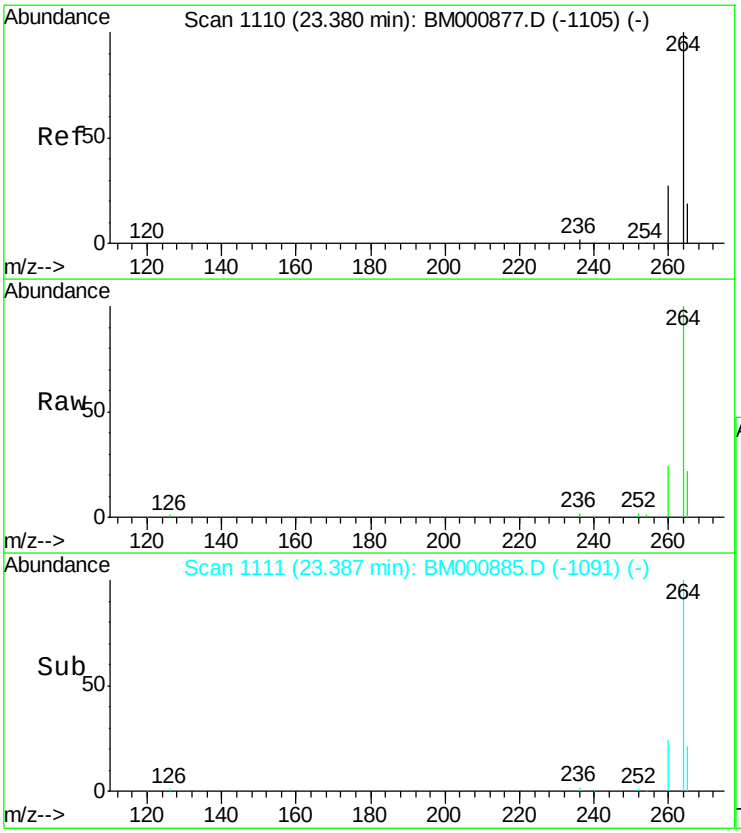
#33
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.14 min Scan# 966
Delta R.T. 0.02 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:252 Resp: 99

Ion	Ratio	Lower	Upper
252	100		
254	87.8	43.2	64.8#
126	68.9	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: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:264 Resp: 75916

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.6	32.4
265	21.9	16.1	24.1