Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040715\
Data File : BM000894.D
Acq On : 08 Apr 2015 00:46
Operator : TP/IZ
Sample : PB82336BL
Misc : LOD/LOQ-SOIL- BLK
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB82336BL

Quant Time: Apr 08 02:18:59 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	20770	5.00	ng		-0.04
11) Naphthalene-d8	10.39	136	103112	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	56124	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	136972	5.00	ng		0.00
30) Chrysene-d12	21.19	240	102818	5.00	ng		0.00
34) Perylene-d12	23.39	264	96181	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	86931	12.47	ng		-0.02
5) Phenol-d6	6.77	99	149279	10.45	ng		0.00
12) Nitrobenzene-d5	8.73	82	40179	7.81	ng		-0.04
20) 2,4,6-Tribromophenol	15.77	330	20296	8.66	ng		0.02
23) 2-Fluorobiphenyl	12.87	172	166426	9.62	ng		0.00
32) Terphenyl-d14	19.65	244	129936	10.25	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.63	42	7	0.21	ng	#	1
6) 2-Chlorophenol	7.17	128	49	0.17	ng	#	1
7) Phenol	6.77	94	90	0.01	ng	#	1
8) bis(2-Chloroethyl)ether	6.92	93	36	0.20	ng		96
9) 2-Methylphenol	7.91	107	107	0.02	ng	#	1
10) 3+4-Methylphenols	8.38	107	62	0.23	ng	#	34
13) Nitrobenzene	8.73	77	244	0.05	ng	#	37
14) 2-Nitrophenol	9.20	139	597	0.31	ng	#	1
15) 2,4-Dimethylphenol	9.36	122	5	0.00	ng	#	37
16) 2,4-Dichlorophenol	9.99	162	11	0.23	ng	#	30
17) Hexachlorobutadiene	10.78	225	28	0.01	ng	#	49
18) 4-Chloro-3-methylphenol	11.64	107	1	0.22	ng	#	65
21) 2,4,6-Trichlorophenol	12.70	196	4	0.24	ng	#	63
22) 2,4,5-Trichlorophenol	12.77	196	19	0.20	ng		88
27) 4,6-Dinitro-2-methylphenol	15.74	198	67	0.21	ng	#	1
28) Hexachlorobenzene	16.33	284	25	Below Cal		#	1
29) Pentachlorophenol	16.67	266	28	0.53	ng	#	75
31) Benzidine	19.30	184	213	0.04	ng	#	1
33) 3,3'-Dichlorobenzidine	21.13	252	97	Below Cal		#	43

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

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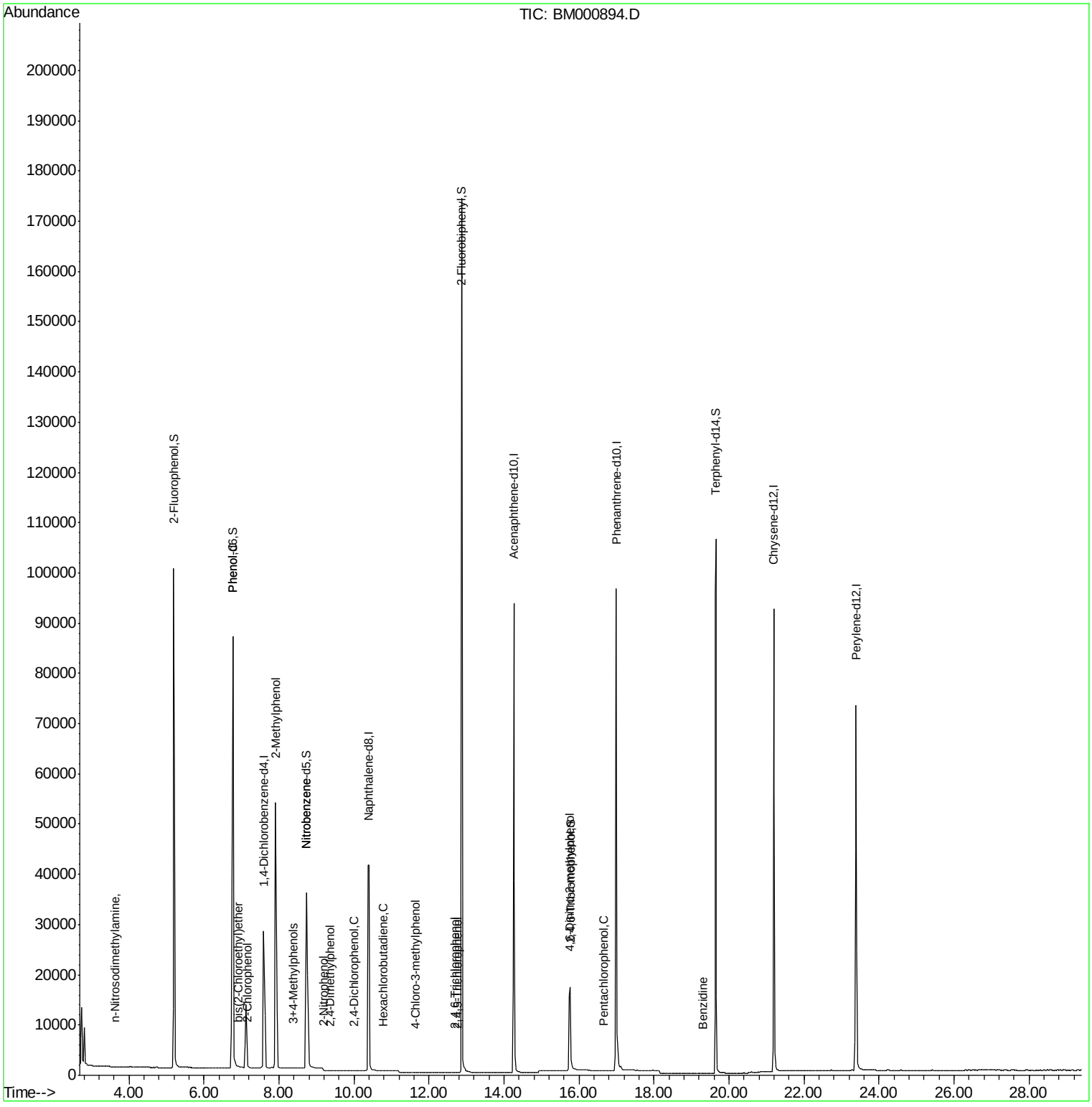
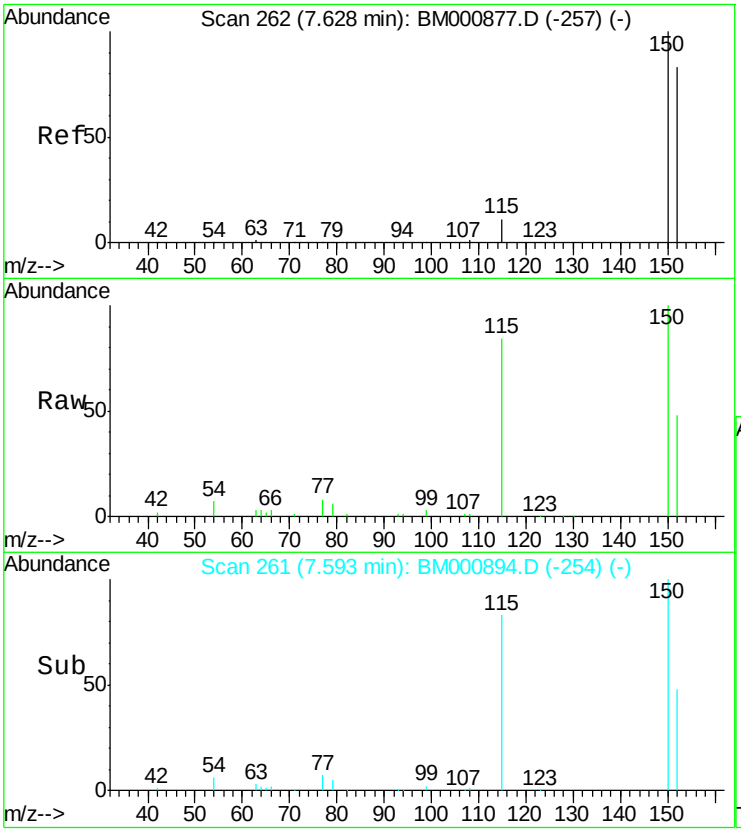


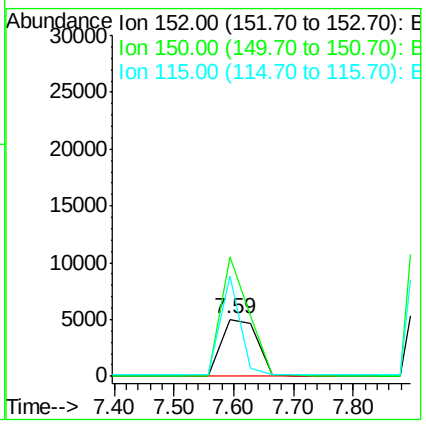


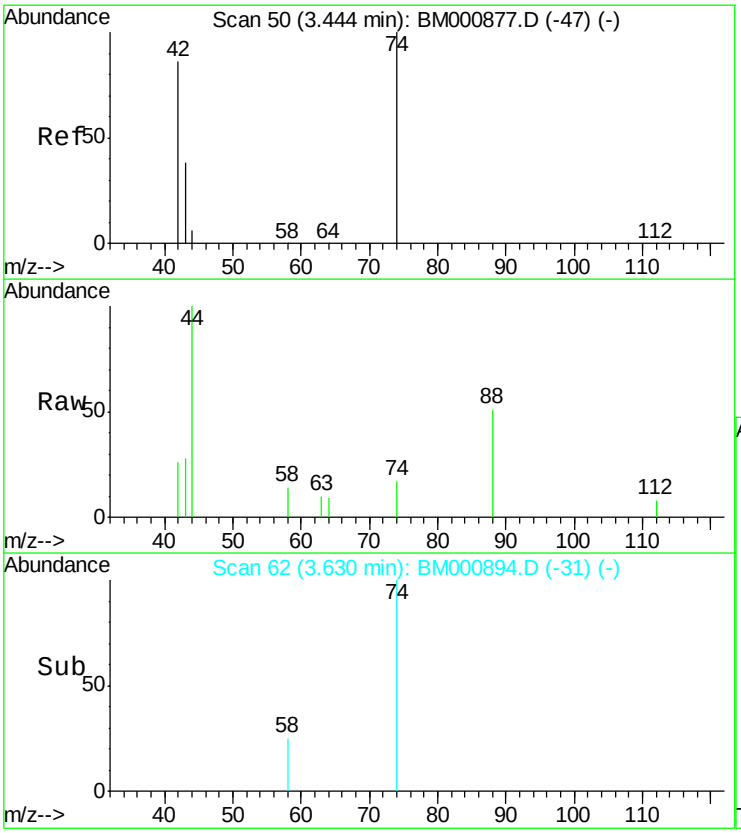
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.59 min Scan# 261
Delta R.T. -0.04 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:152 Resp: 20770

Ion	Ratio	Lower	Upper
152	100		
150	207.9	96.5	144.7#
115	174.3	11.9	17.9#

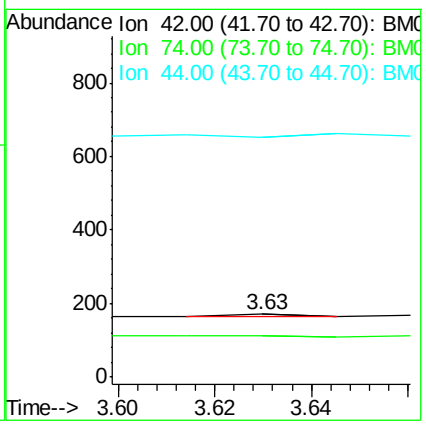


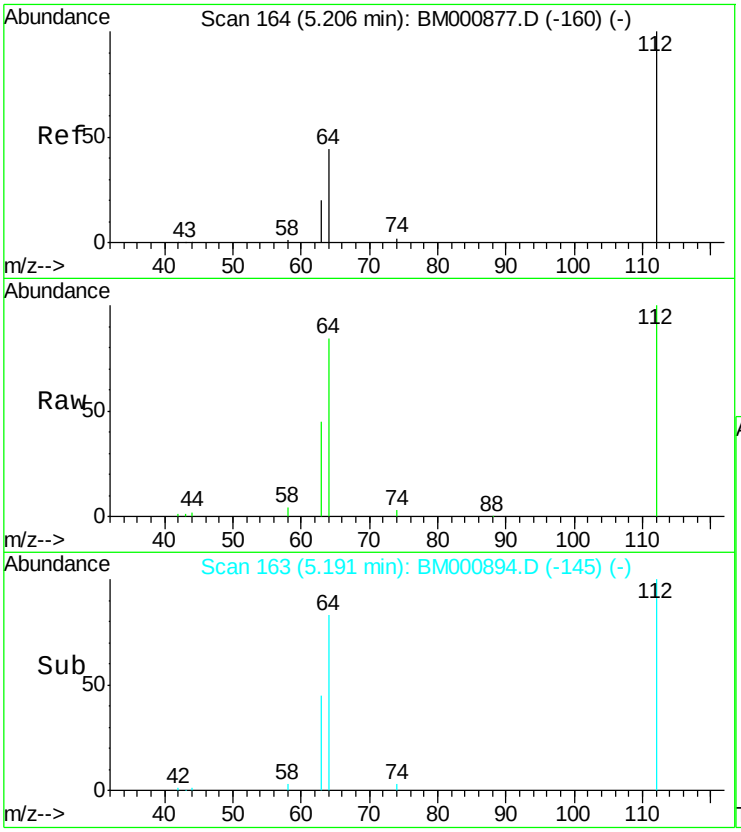


#3
n-Nitrosodimethylamine
Concen: 0.21 ng
RT: 3.63 min Scan# 62
Delta R.T. 0.19 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion: 42 Resp: 7

Ion	Ratio	Lower	Upper
42	100		
74	66.5	81.0	121.4#
44	383.5	53.3	79.9#



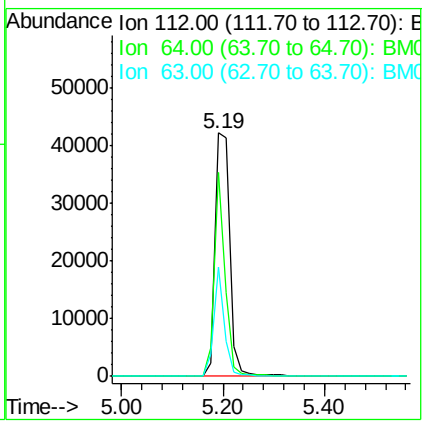


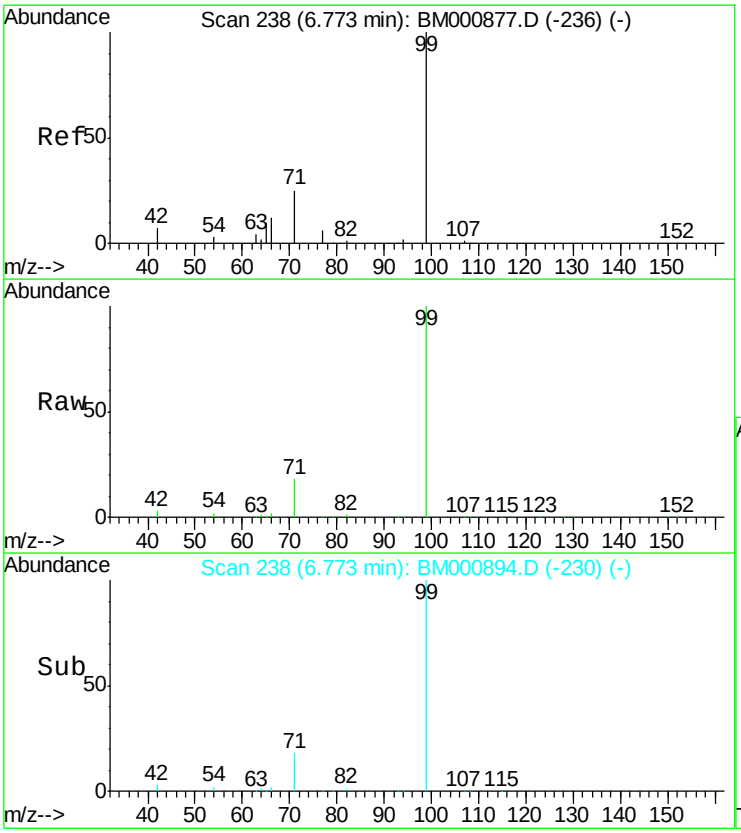
#4
2-Fluorophenol
Concen: 12.47 ng
RT: 5.19 min Scan# 163
Delta R.T. -0.02 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:112 Resp: 86931

Ion	Ratio	Lower	Upper
112	100		
64	83.5	35.7	53.5#
63	45.0	17.0	25.4#

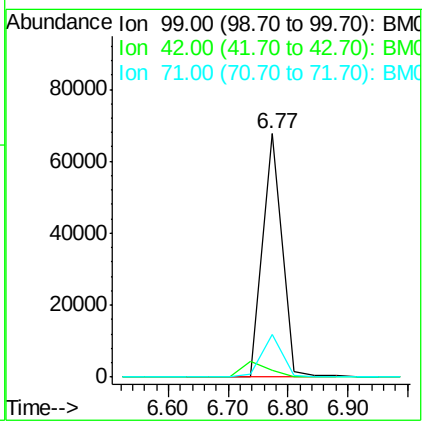


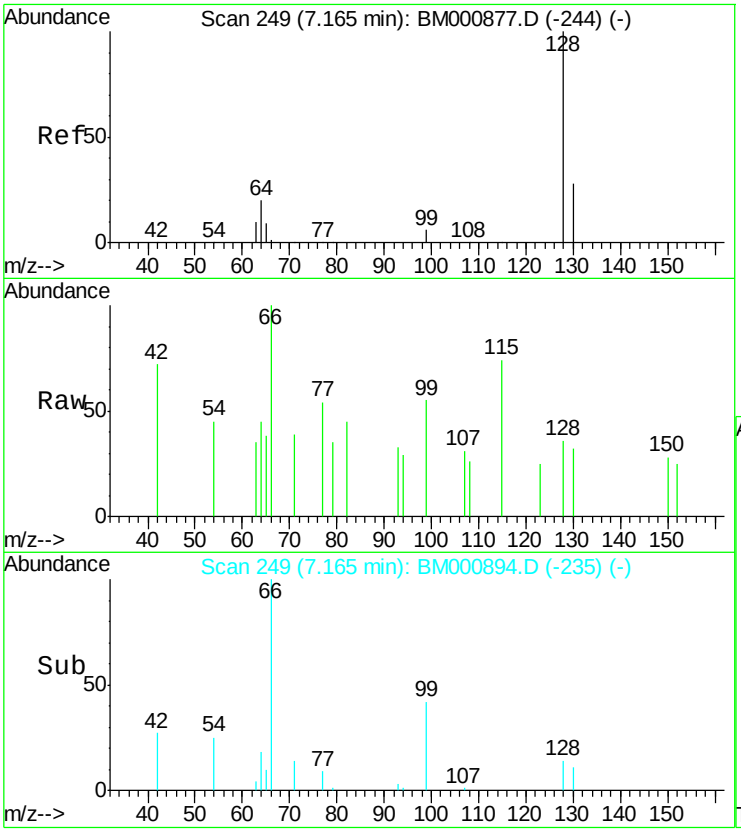


#5
Phenol-d6
Concen: 10.45 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion: 99 Resp: 149279

Ion	Ratio	Lower	Upper
99	100		
42	3.0	7.5	11.3#
71	17.7	21.3	31.9#



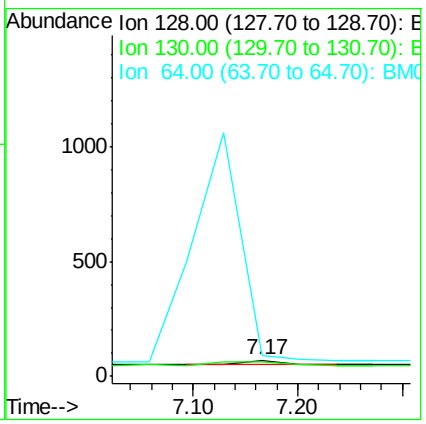


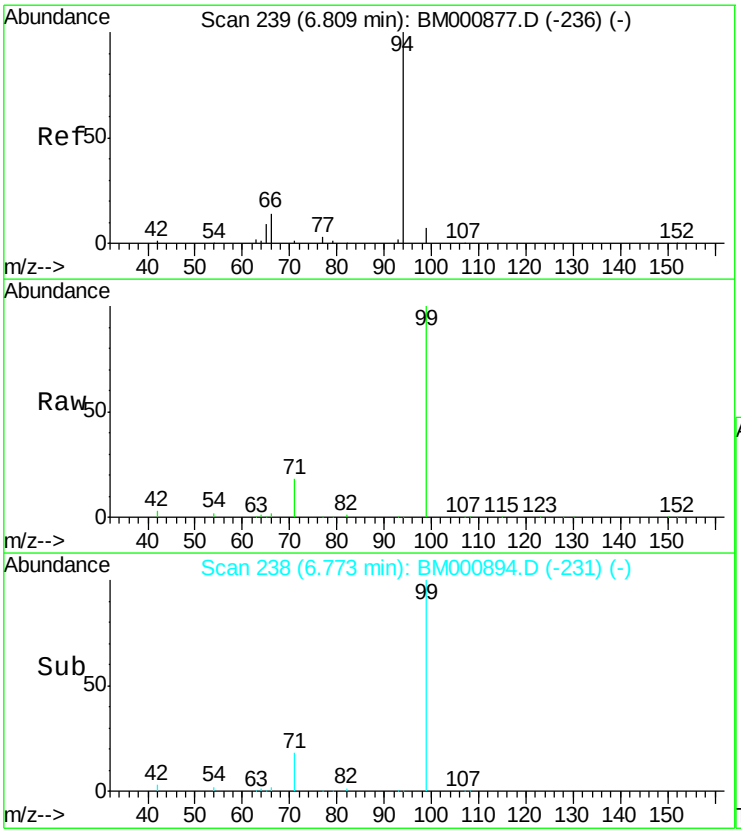
#6
2-Chlorophenol
Concen: 0.17 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:128 Resp: 49

Ion	Ratio	Lower	Upper
128	100		
130	90.1	9.4	49.4#
64	126.8	2.1	42.1#

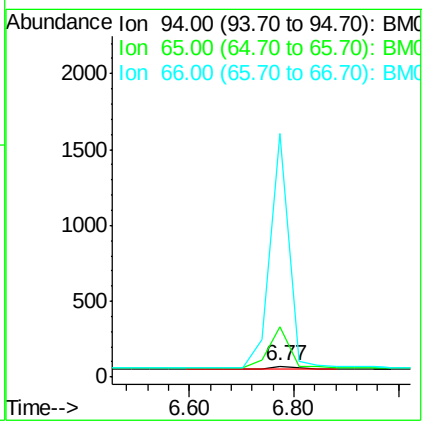


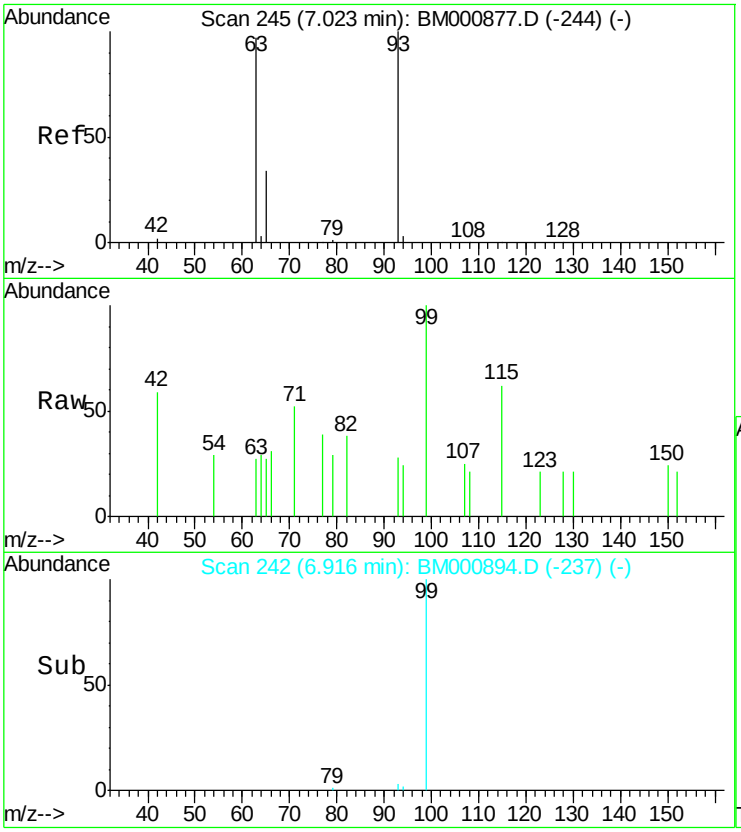


#7
Phenol
Concen: 0.01 ng
RT: 6.77 min Scan# 238
Delta R.T. -0.04 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion: 94 Resp: 90

Ion	Ratio	Lower	Upper
94	100		
65	467.6	0.0	30.9#
66	2260.6	0.0	35.8#



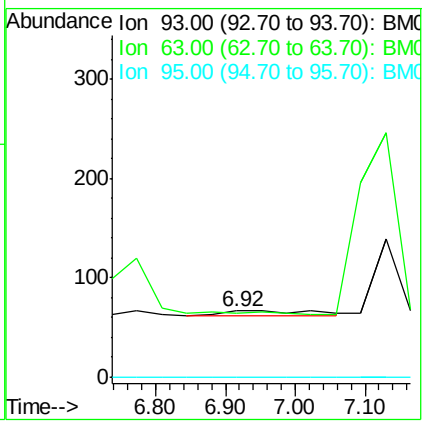


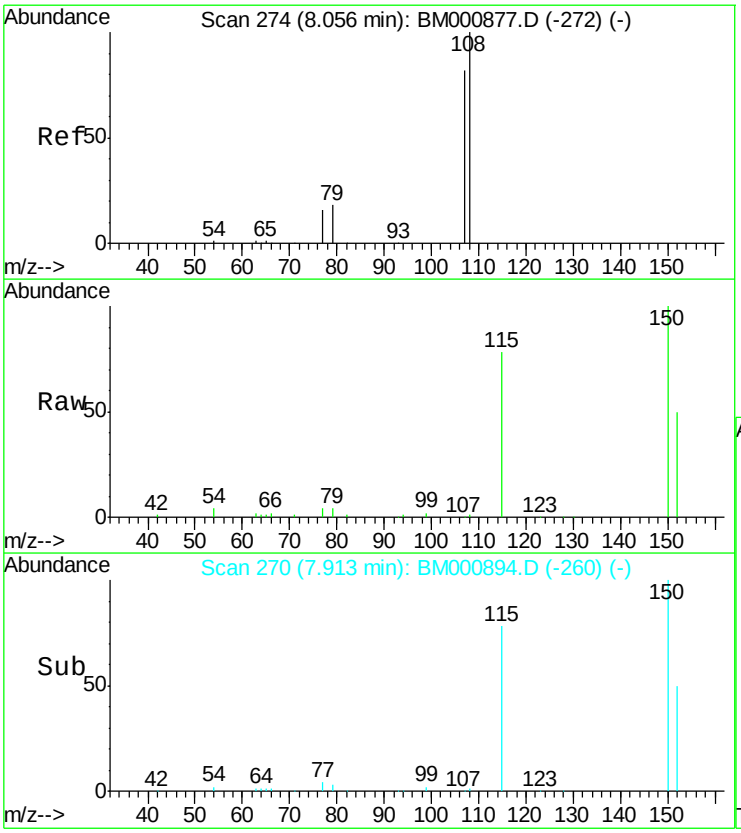
#8
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 6.92 min Scan# 242
Delta R.T. -0.11 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion: 93 Resp: 36

Ion	Ratio	Lower	Upper
93	100		
63	97.0	73.3	113.3
95	0.0	0.0	20.0

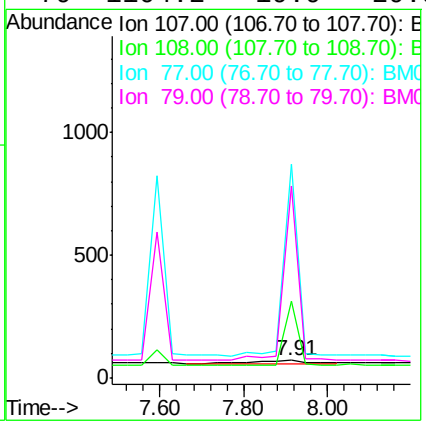


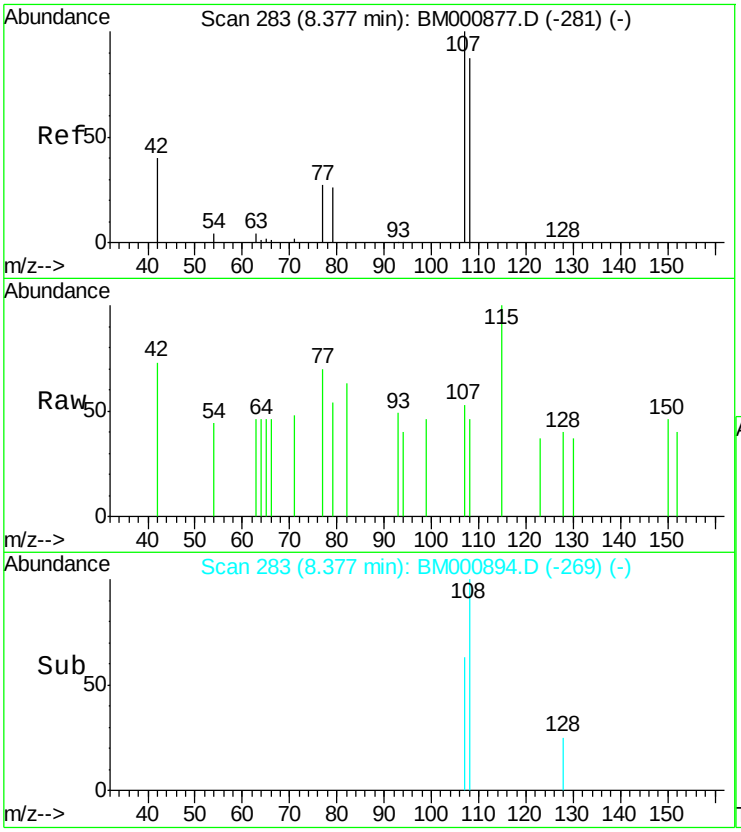


#9
2-Methylphenol
Concen: 0.02 ng
RT: 7.91 min Scan# 270
Delta R.T. -0.14 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion:107 Resp: 107

Ion	Ratio	Lower	Upper
107	100		
108	439.4	96.7	145.1#
77	1225.4	18.3	27.5#
79	1104.2	19.9	29.9#



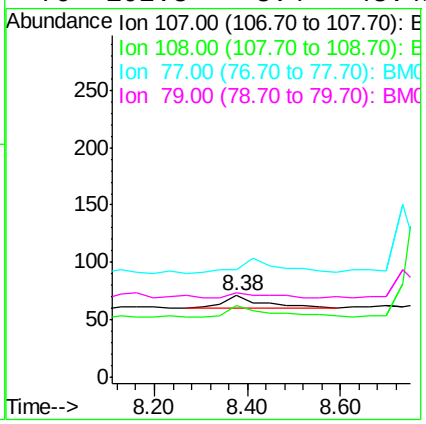


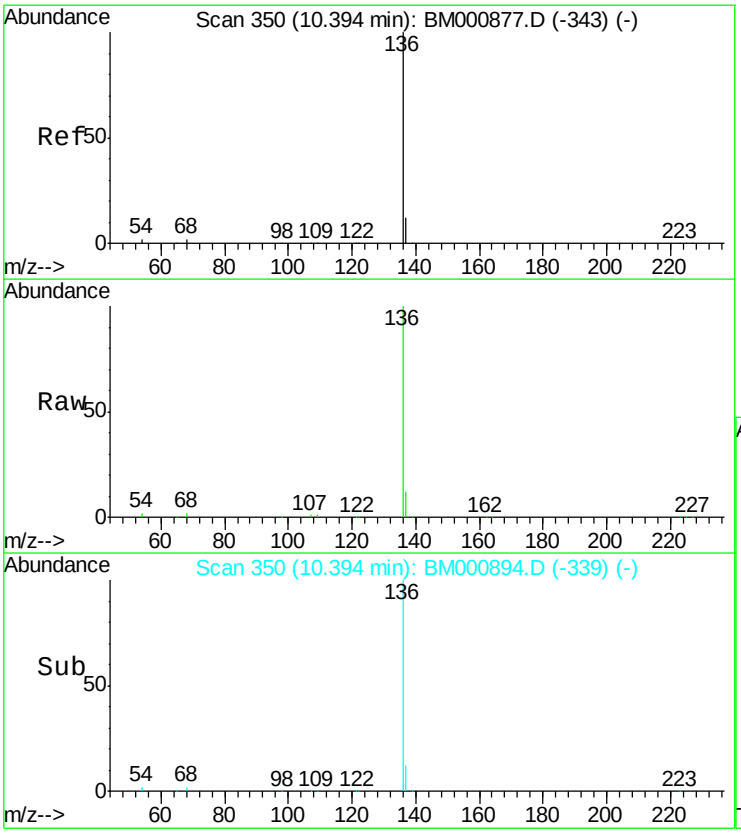
#10
3+4-Methylphenols
Concen: 0.23 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:107 Resp: 62

Ion	Ratio	Lower	Upper
107	100		
108	87.3	67.6	107.6
77	132.4	10.0	50.0#
79	102.8	8.4	48.4#

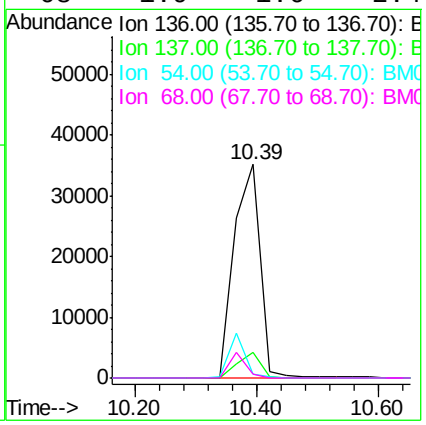


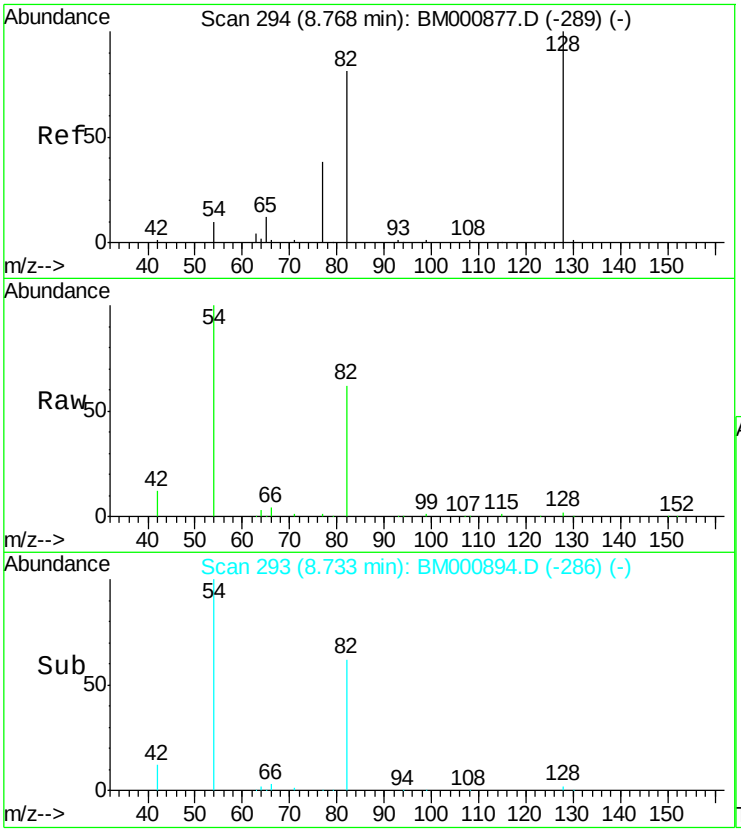


#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion:136 Resp: 103112

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	1.8	1.5	2.3
68	1.9	1.6	2.4



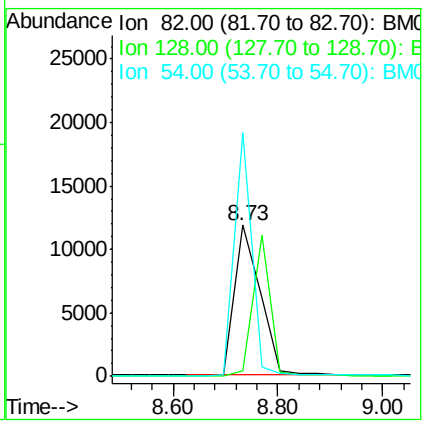


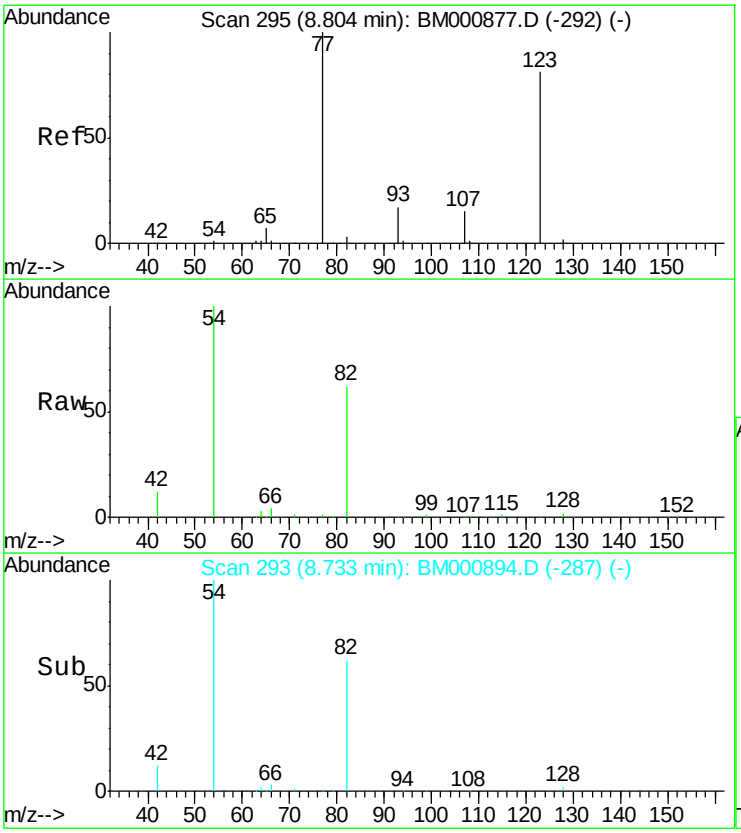
#12
Nitrobenzene-d5
Concen: 7.81 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.04 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion: 82 Resp: 40179

Ion	Ratio	Lower	Upper
82	100		
128	3.3	96.2	144.2#
54	160.9	15.0	22.6#

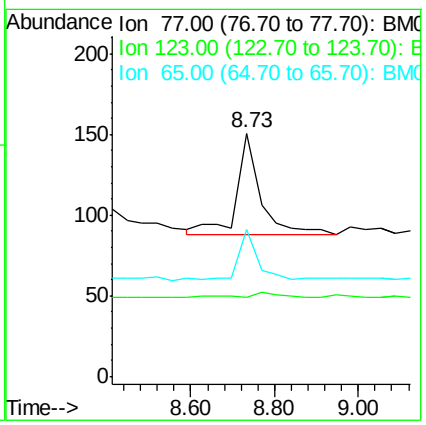


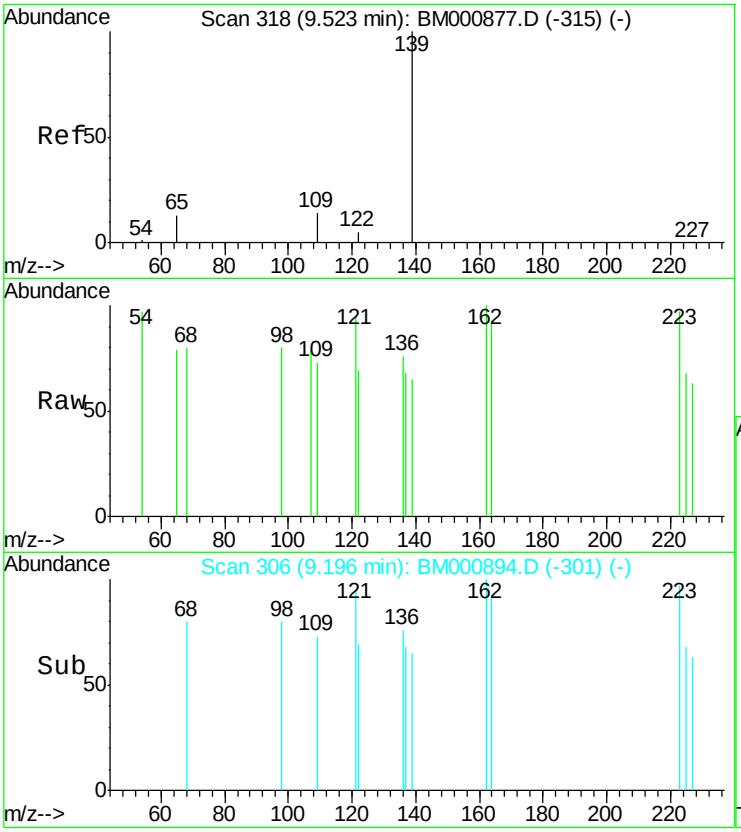


#13
Nitrobenzene
Concen: 0.05 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.07 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion: 77 Resp: 244

Ion	Ratio	Lower	Upper
77	100		
123	32.5	64.0	96.0#
65	60.3	8.7	13.1#



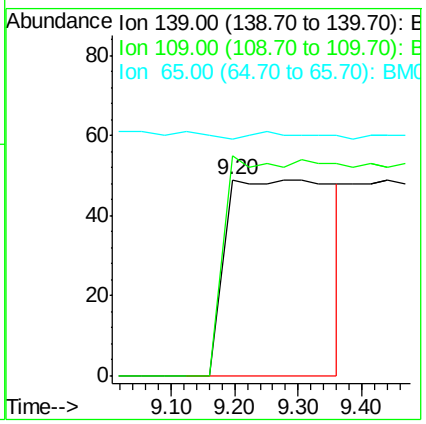


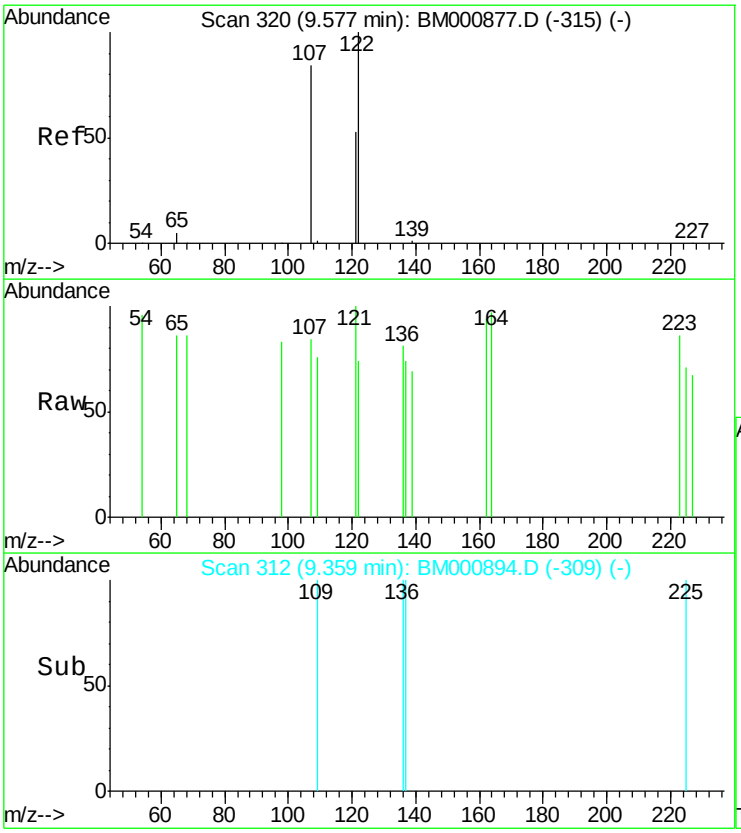
#14
2-Nitrophenol
Concen: 0.31 ng
RT: 9.20 min Scan# 306
Delta R.T. -0.33 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:139 Resp: 597

Ion	Ratio	Lower	Upper
139	100		
109	112.2	15.8	23.8#
65	120.4	16.2	24.2#

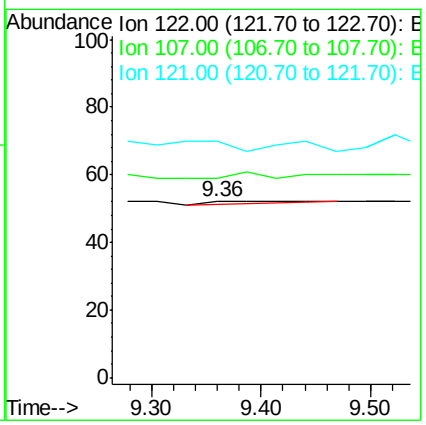


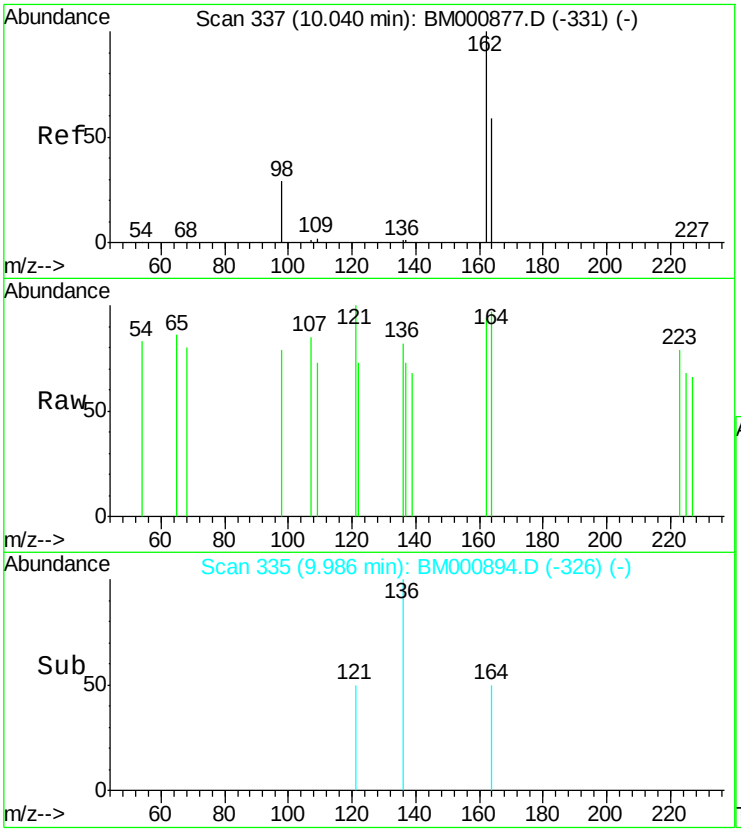


#15
2,4-Dimethylphenol
Concen: 0.00 ng
RT: 9.36 min Scan# 312
Delta R.T. -0.22 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion:122 Resp: 5

Ion	Ratio	Lower	Upper
122	100		
107	113.5	67.4	101.2#
121	134.6	43.5	65.3#



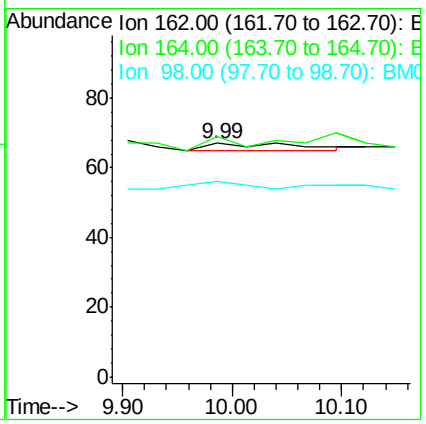


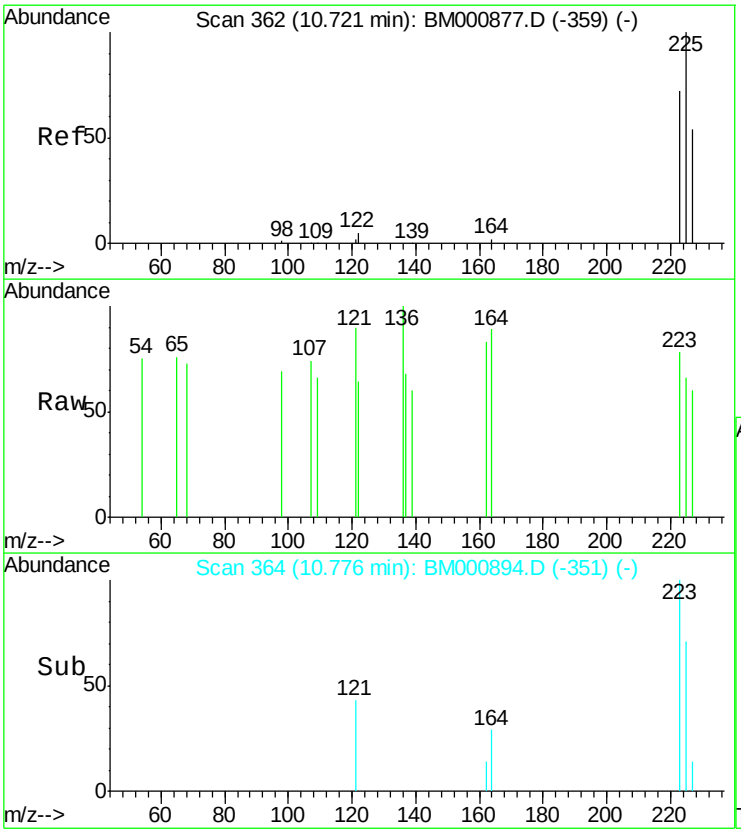
#16
2,4-Dichlorophenol
Concen: 0.23 ng
RT: 9.99 min Scan# 335
Delta R.T. -0.05 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:162 Resp: 11

Ion	Ratio	Lower	Upper
162	100		
164	103.0	39.9	79.9#
98	83.6	11.3	51.3#

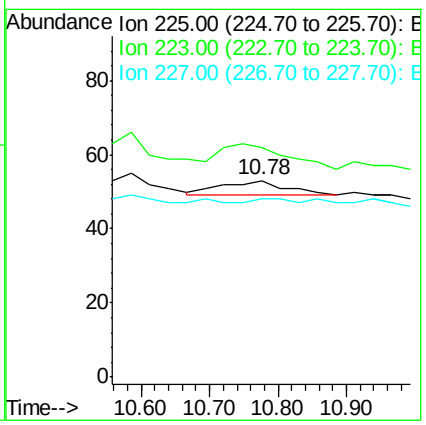


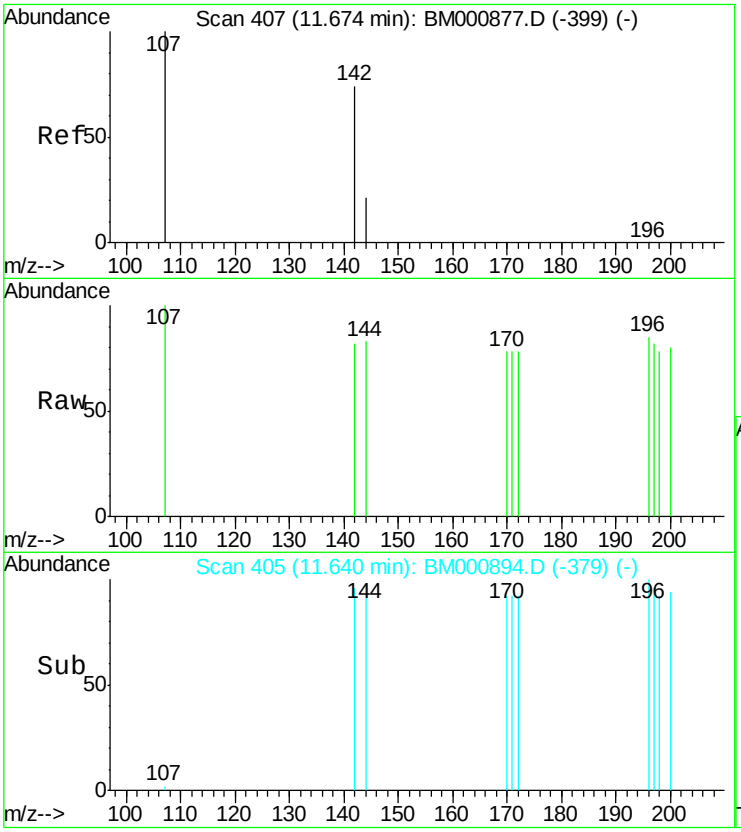


#17
Hexachlorobutadiene
Concen: 0.01 ng
RT: 10.78 min Scan# 364
Delta R.T. 0.05 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion:225 Resp: 28

Ion	Ratio	Lower	Upper
225	100		
223	117.0	58.3	87.5#
227	90.6	44.5	66.7#



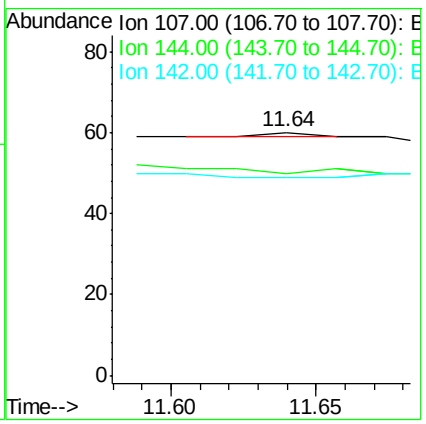


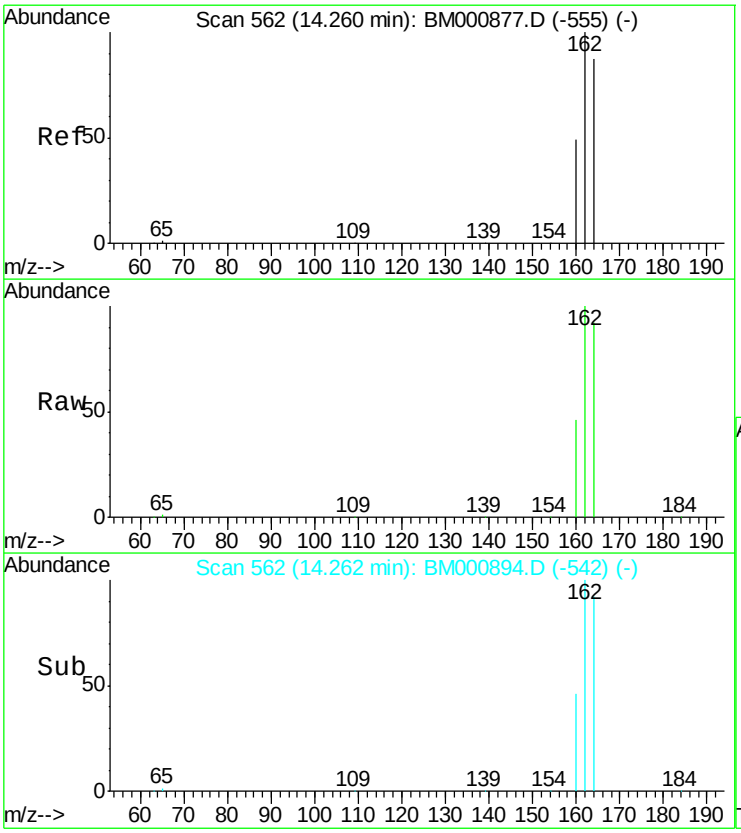
#18
4-Chloro-3-methylphenol
Concen: 0.22 ng
RT: 11.64 min Scan# 405
Delta R.T. -0.03 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:107 Resp: 1

Ion	Ratio	Lower	Upper
107	100		
144	83.3	18.4	27.6#
142	81.7	59.9	89.9

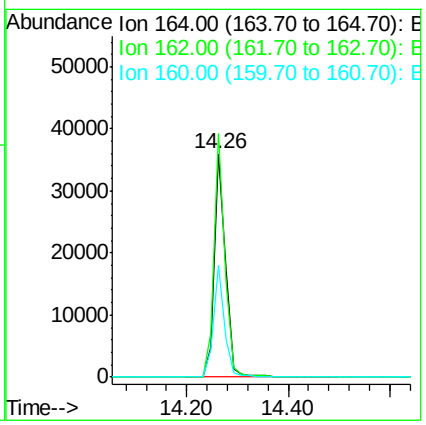


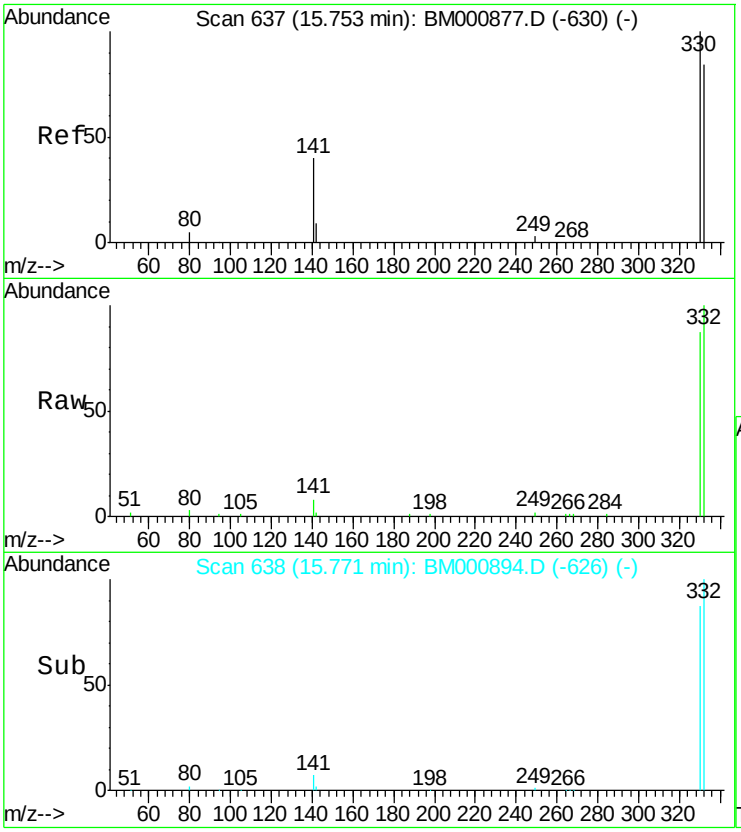


#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion:164 Resp: 56124

Ion	Ratio	Lower	Upper
164	100		
162	109.0	91.8	137.6
160	49.8	44.6	67.0



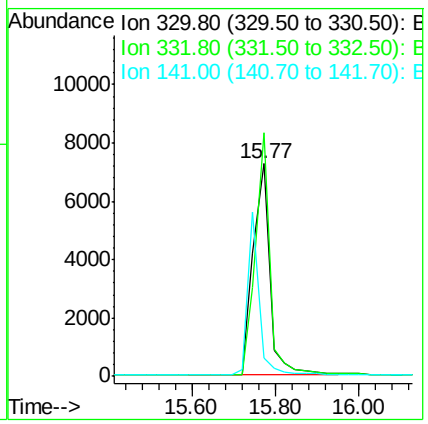


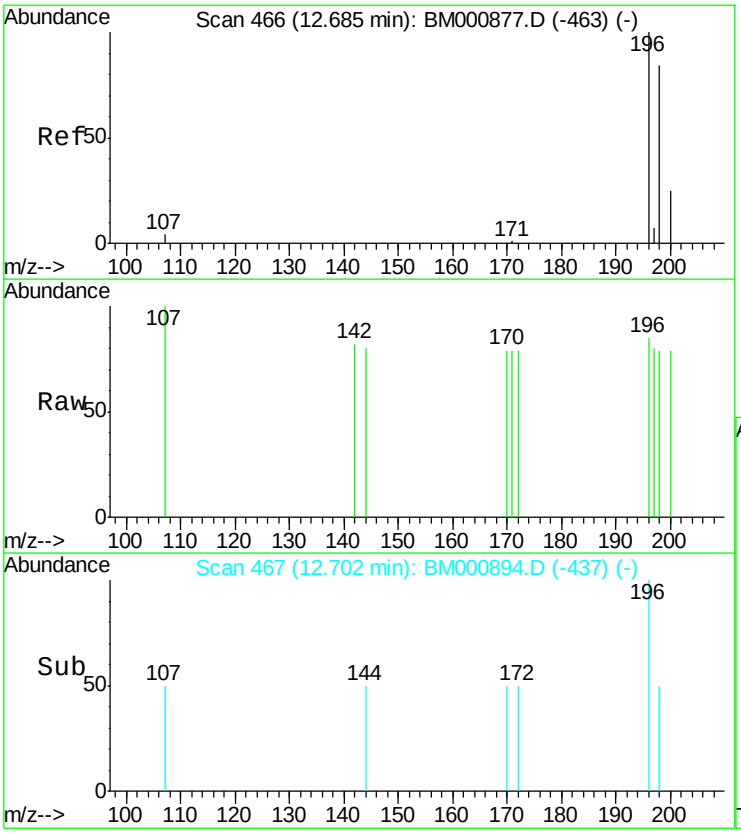
#20
2,4,6-Tribromophenol
Concen: 8.66 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:330 Resp: 20296

Ion	Ratio	Lower	Upper
330	100		
332	99.3	72.6	109.0
141	0.0	29.8	44.6#

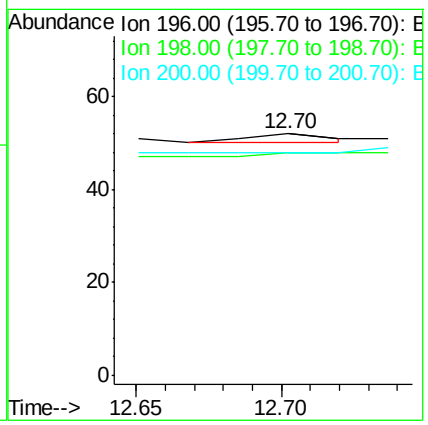


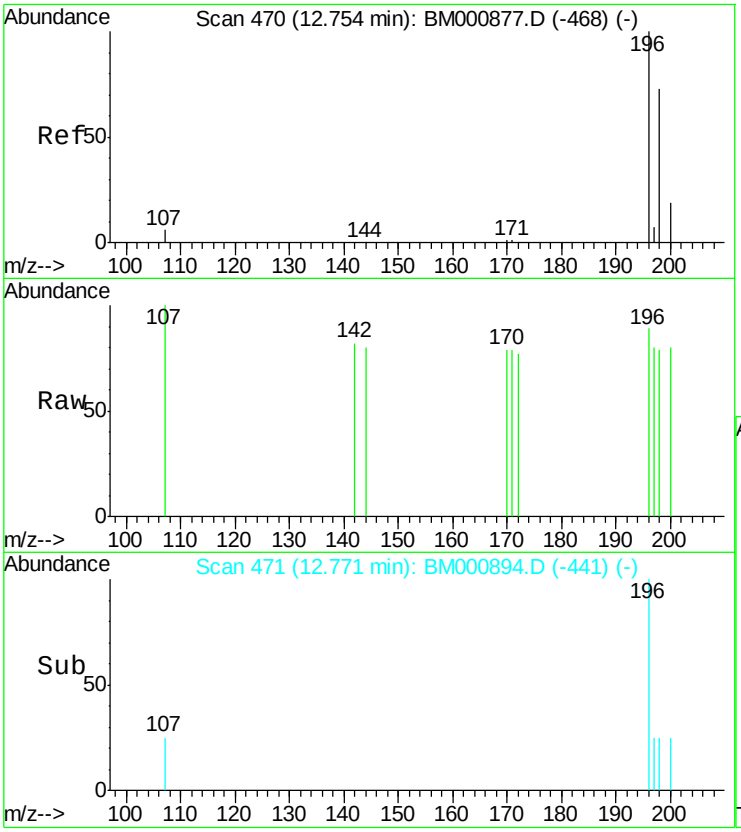


#21
2,4,6-Trichlorophenol
Concen: 0.24 ng
RT: 12.70 min Scan# 467
Delta R.T. 0.02 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion:196 Resp: 4

Ion	Ratio	Lower	Upper
196	100		
198	92.3	67.5	101.3
200	92.3	22.1	33.1#



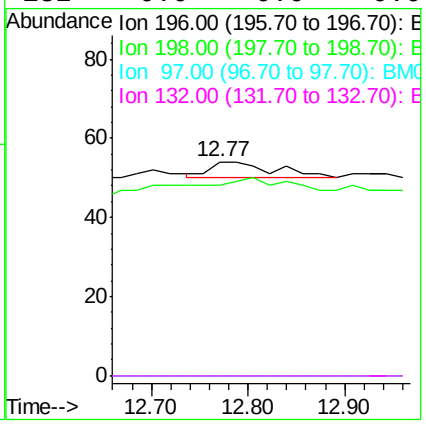


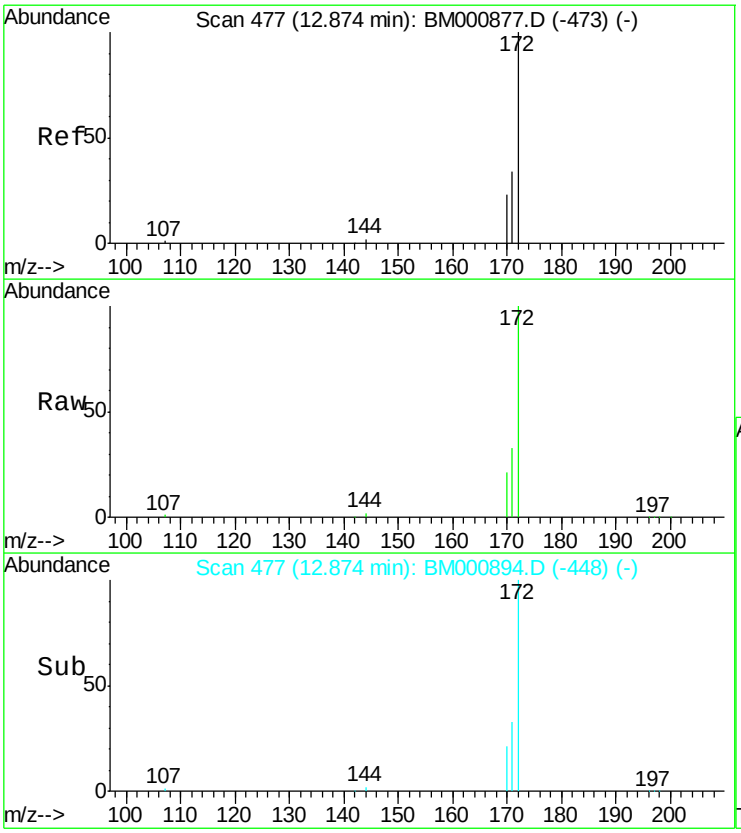
#22
2,4,5-Trichlorophenol
Concen: 0.20 ng
RT: 12.77 min Scan# 471
Delta R.T. 0.02 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:196 Resp: 19

Ion	Ratio	Lower	Upper
196	100		
198	88.9	62.7	94.1
97	0.0	0.0	0.0
132	0.0	0.0	0.0

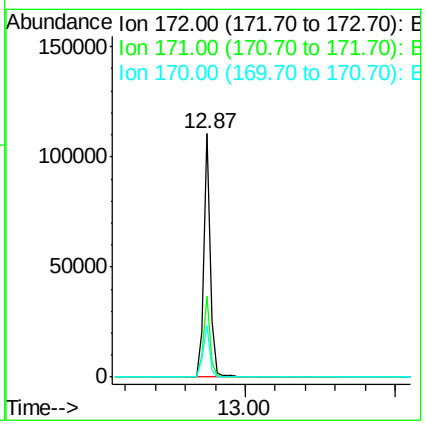


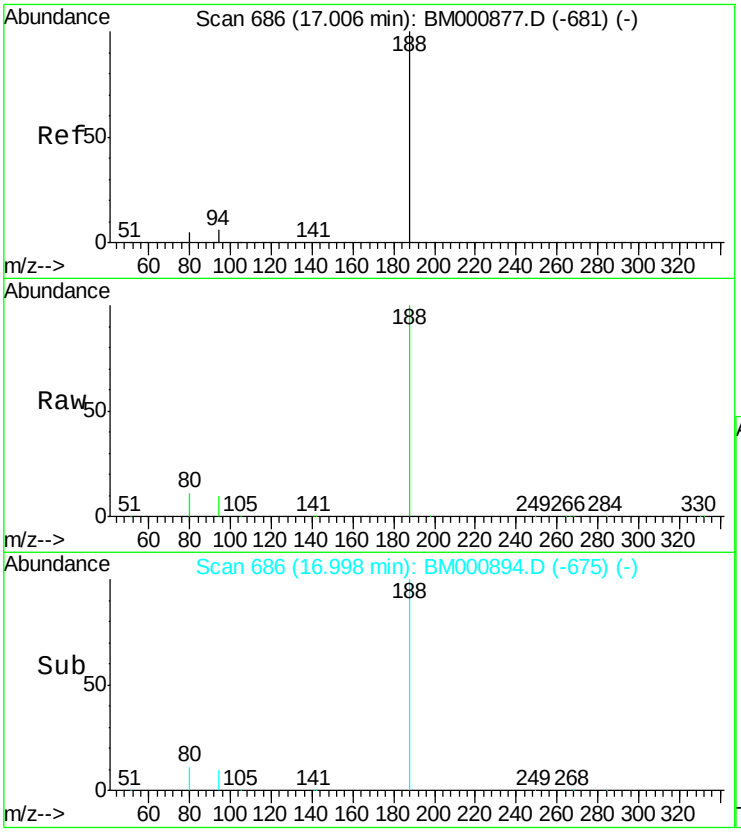


#23
2-Fluorobiphenyl
Concen: 9.62 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion:172 Resp: 166426

Ion	Ratio	Lower	Upper
172	100		
171	33.2	27.8	41.8
170	21.4	19.0	28.6



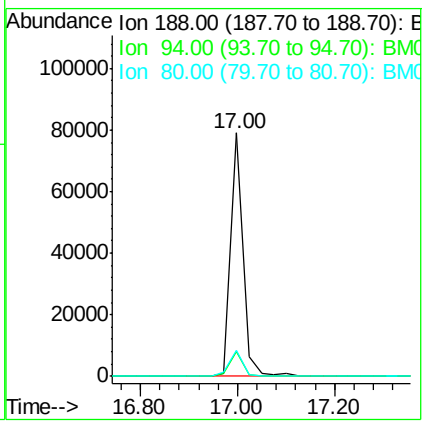


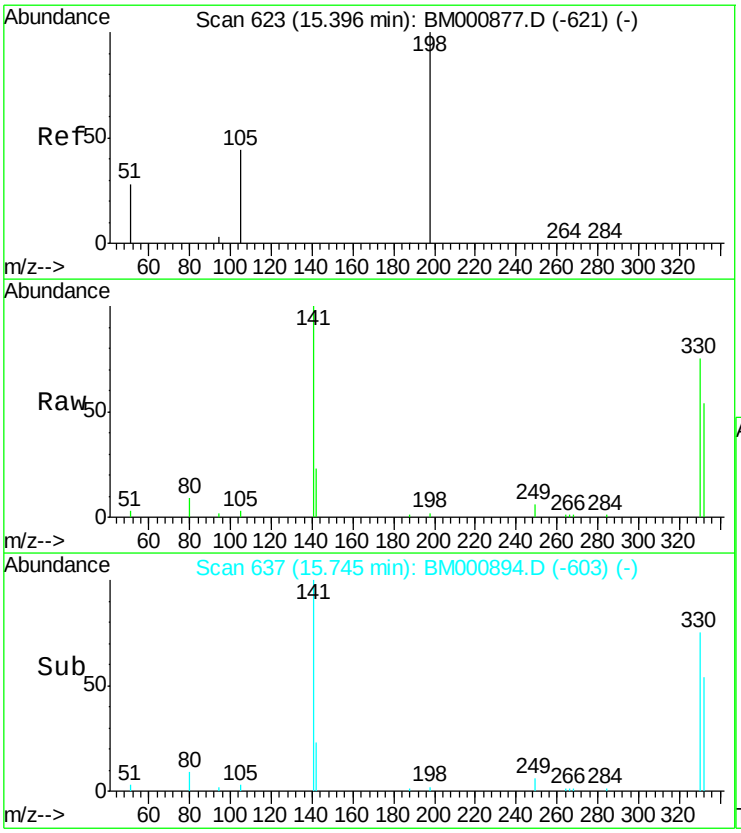
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:188 Resp: 136972

Ion	Ratio	Lower	Upper
188	100		
94	10.4	4.9	7.3#
80	10.7	4.4	6.6#

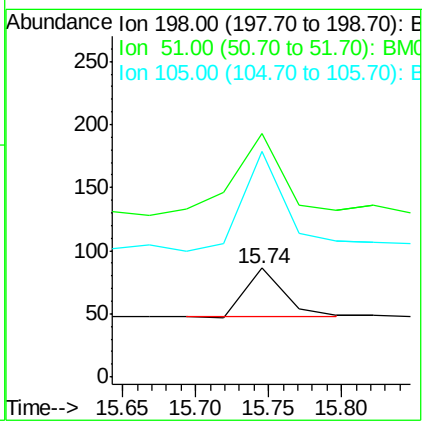


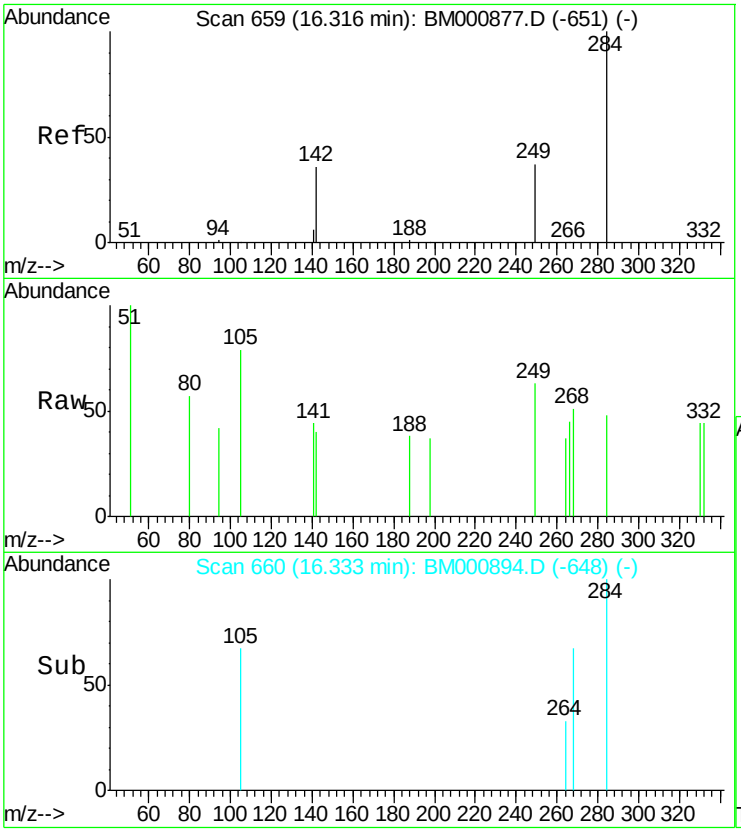


#27
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 15.74 min Scan# 637
Delta R.T. 0.35 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion:198 Resp: 67

Ion	Ratio	Lower	Upper
198	100		
51	224.4	44.6	84.6#
105	208.1	36.0	76.0#



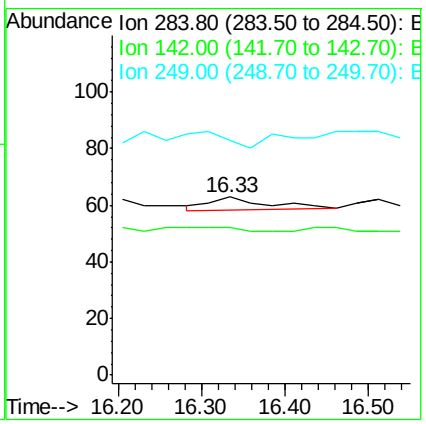


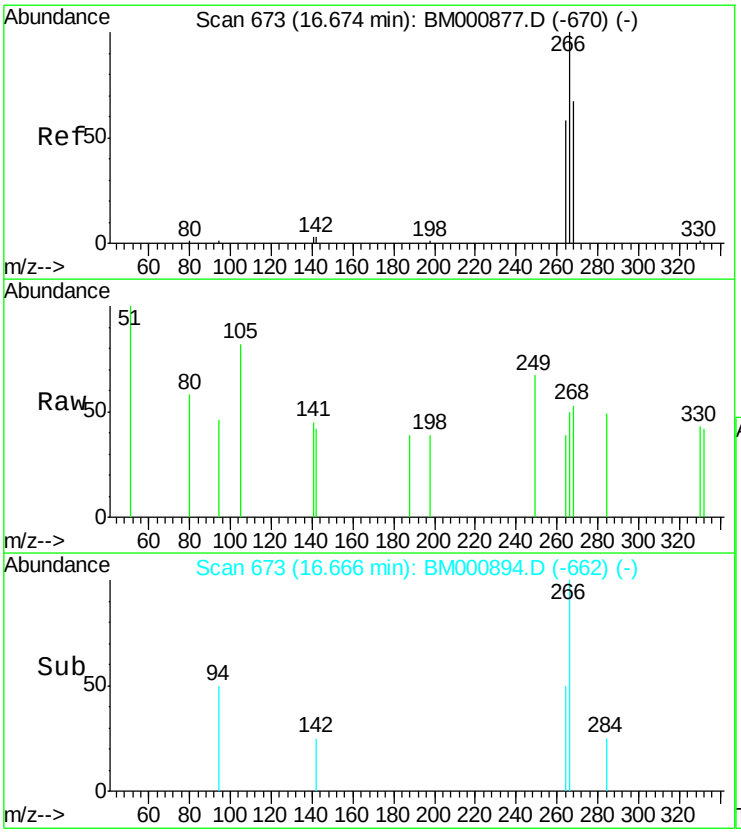
#28
Hexachlorobenzene
Concen: Below Cal
RT: 16.33 min Scan# 660
Delta R.T. 0.02 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:284 Resp: 25

Ion	Ratio	Lower	Upper
284	100		
142	82.5	29.8	44.8#
249	131.7	31.0	46.4#

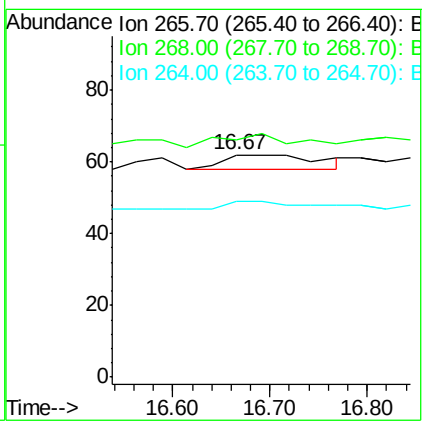


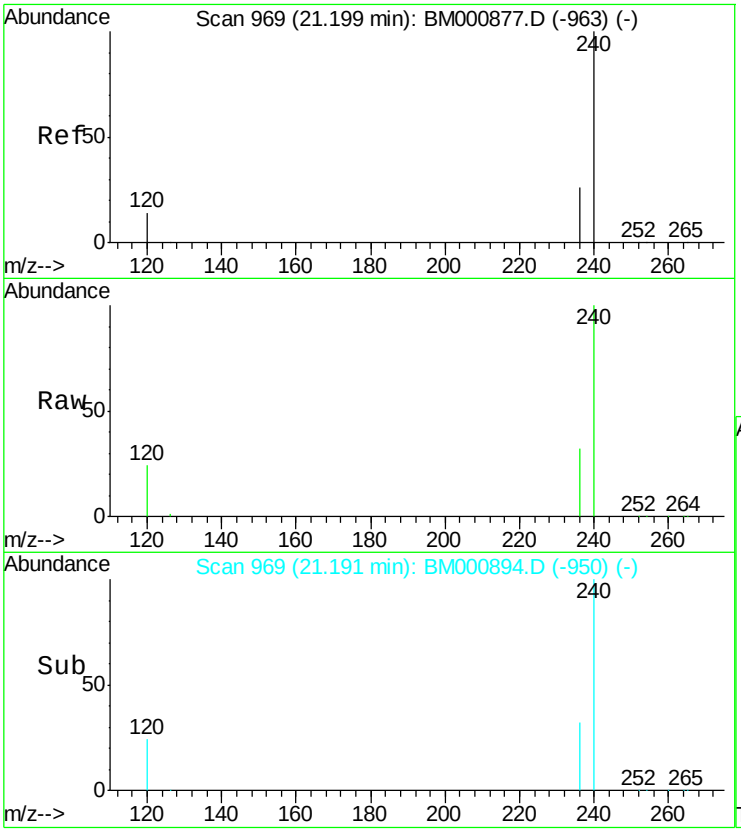


#29
Pentachlorophenol
Concen: 0.53 ng
RT: 16.67 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
268	106.5	61.8	92.8#
264	79.0	53.8	80.6



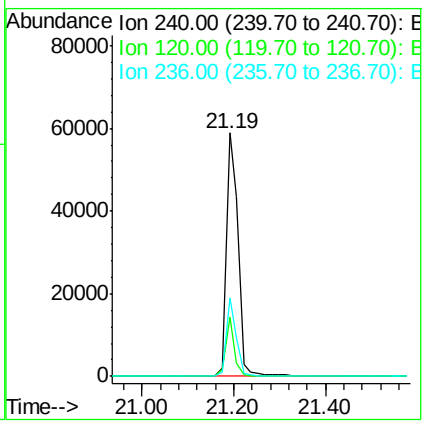


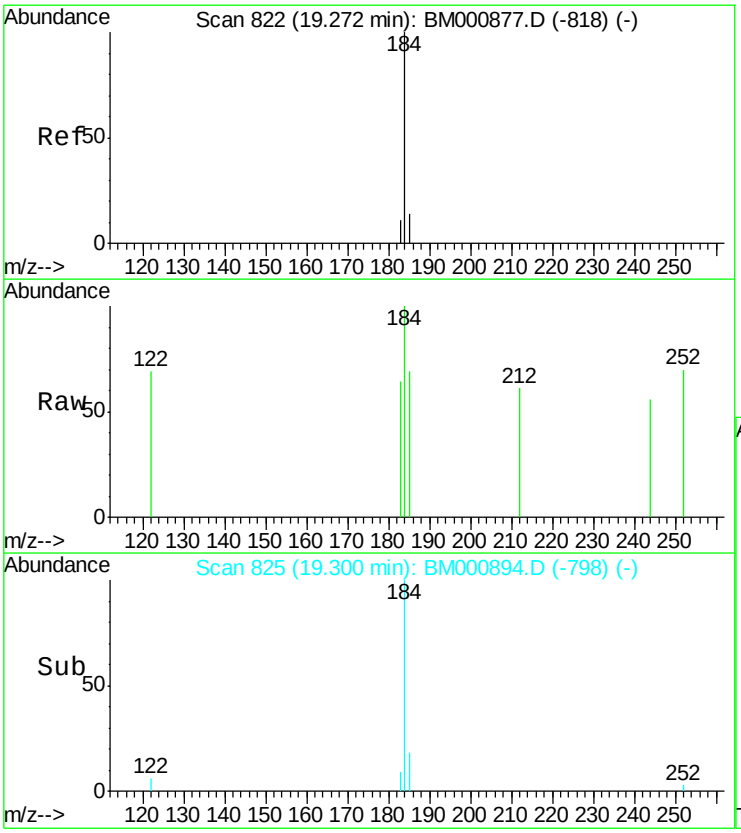
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.19 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:240 Resp: 102818

Ion	Ratio	Lower	Upper
240	100		
120	24.2	11.1	16.7#
236	32.0	20.9	31.3#

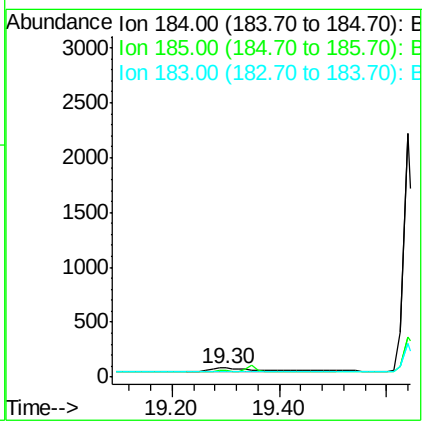


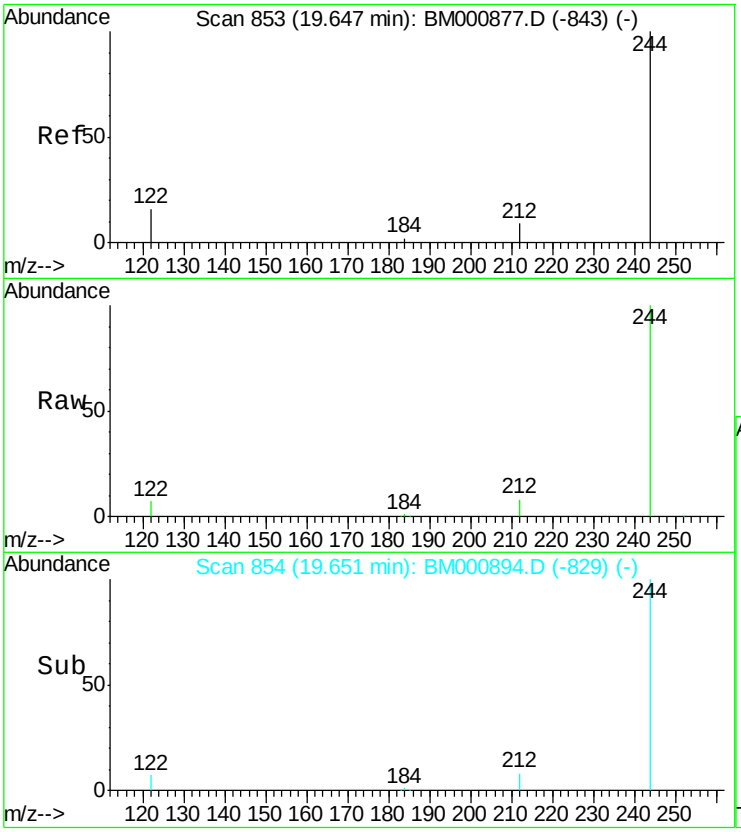


#31
Benzidine
Concen: 0.04 ng
RT: 19.30 min Scan# 825
Delta R.T. 0.03 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion:184 Resp: 213

Ion	Ratio	Lower	Upper
184	100		
185	69.0	14.4	21.6#
183	64.3	12.6	19.0#



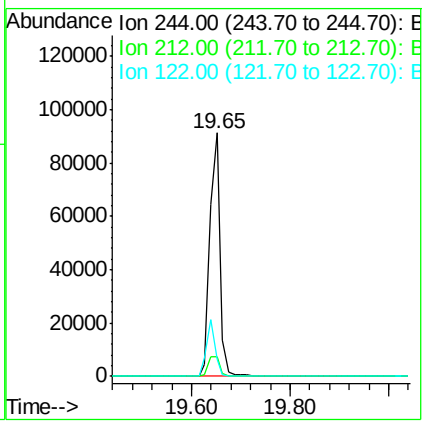


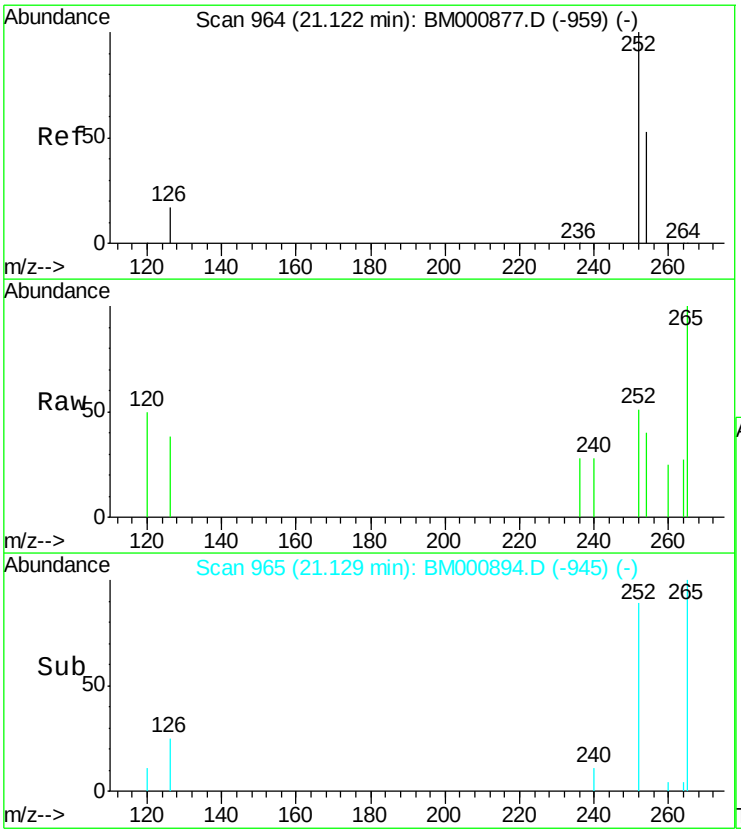
#32
Terphenyl-d14
Concen: 10.25 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:244 Resp: 129936

Ion	Ratio	Lower	Upper
244	100		
212	8.2	8.1	12.1
122	6.8	13.6	20.4#

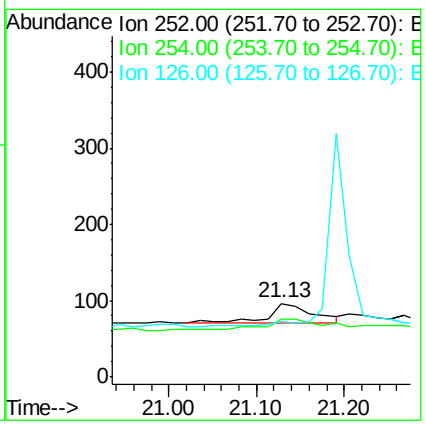


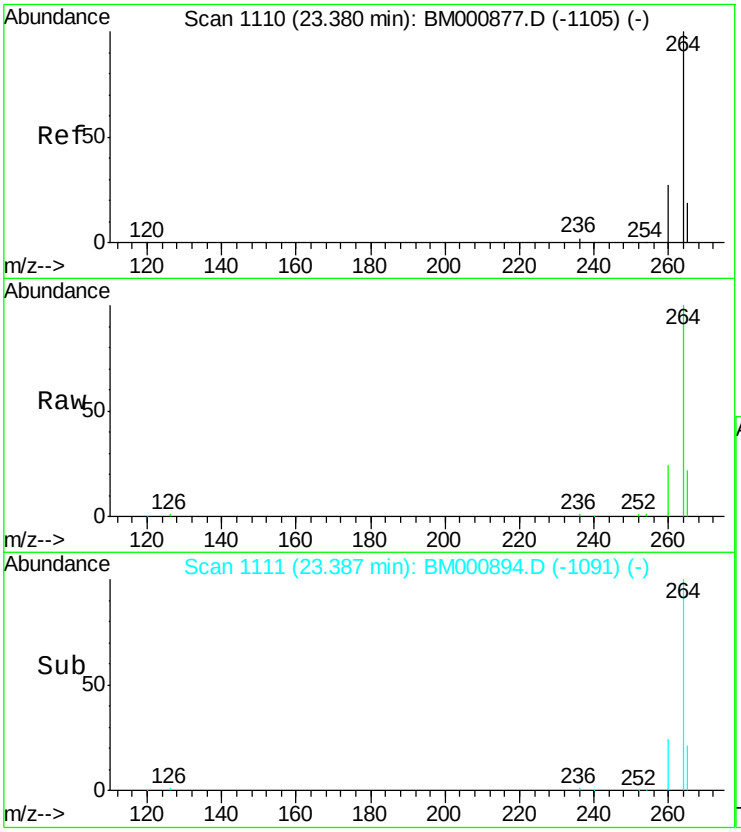


#33
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.13 min Scan# 965
Delta R.T. 0.01 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion:252 Resp: 97

Ion	Ratio	Lower	Upper
252	100		
254	78.1	43.2	64.8#
126	75.0	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: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:264 Resp: 96181

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.6	32.4
265	21.8	16.1	24.1