Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040715\
Data File : BM000874.D
Acq On : 07 Apr 2015 11:39
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.2

Quant Time: Apr 07 14:29:08 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 14:10:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	22790	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	116391	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	63013	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	158799	5.00	ng		0.00
30) Chrysene-d12	21.21	240	120423	5.00	ng		0.00
34) Perylene-d12	23.39	264	112769	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	1315	0.21	ng		0.00
5) Phenol-d6	6.77	99	1770	0.20	ng		0.00
12) Nitrobenzene-d5	8.77	82	1003	0.18	ng		0.00
20) 2,4,6-Tribromophenol	15.77	330	244	0.13	ng		0.02
23) 2-Fluorobiphenyl	12.87	172	3428	0.18	ng		0.00
32) Terphenyl-d14	19.65	244	2531	0.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1135	0.32	ng	#	72
3) n-Nitrosodimethylamine	3.46	42	459	0.16	ng	#	18
6) 2-Chlorophenol	7.17	128	1357	0.21	ng		79
7) Phenol	6.81	94	1708	0.18	ng		78
8) bis(2-Chloroethyl)ether	6.95	93	1259	0.18	ng	#	19
9) 2-Methylphenol	8.06	107	1233	0.18	ng	#	86
10) 3+4-Methylphenols	8.38	107	1274	0.18	ng	#	79
13) Nitrobenzene	8.80	77	1043	0.17	ng	#	70
14) 2-Nitrophenol	9.52	139	819	0.25	ng	#	63
15) 2,4-Dimethylphenol	9.58	122	1082	0.16	ng		89
16) 2,4-Dichlorophenol	10.07	162	915	0.16	ng		85
17) Hexachlorobutadiene	10.72	225	925	0.20	ng		94
18) 4-Chloro-3-methylphenol	11.69	107	986	0.17	ng	#	84
21) 2,4,6-Trichlorophenol	12.69	196	400	0.12	ng	#	91
22) 2,4,5-Trichlorophenol	12.69	196	400	0.10	ng		99
25) 4-Nitrophenol	14.54	139	61	0.05	ng		85
27) 4,6-Dinitro-2-methylphenol	15.41	198	138	0.10	ng	#	23
28) Hexachlorobenzene	16.33	284	1121	0.13	ng	#	66
29) Pentachlorophenol	16.67	266	32	0.02	ng	#	72
31) Benzidine	19.29	184	783	0.14	ng	#	52
33) 3,3'-Dichlorobenzidine	21.13	252	1323	0.16	ng		89

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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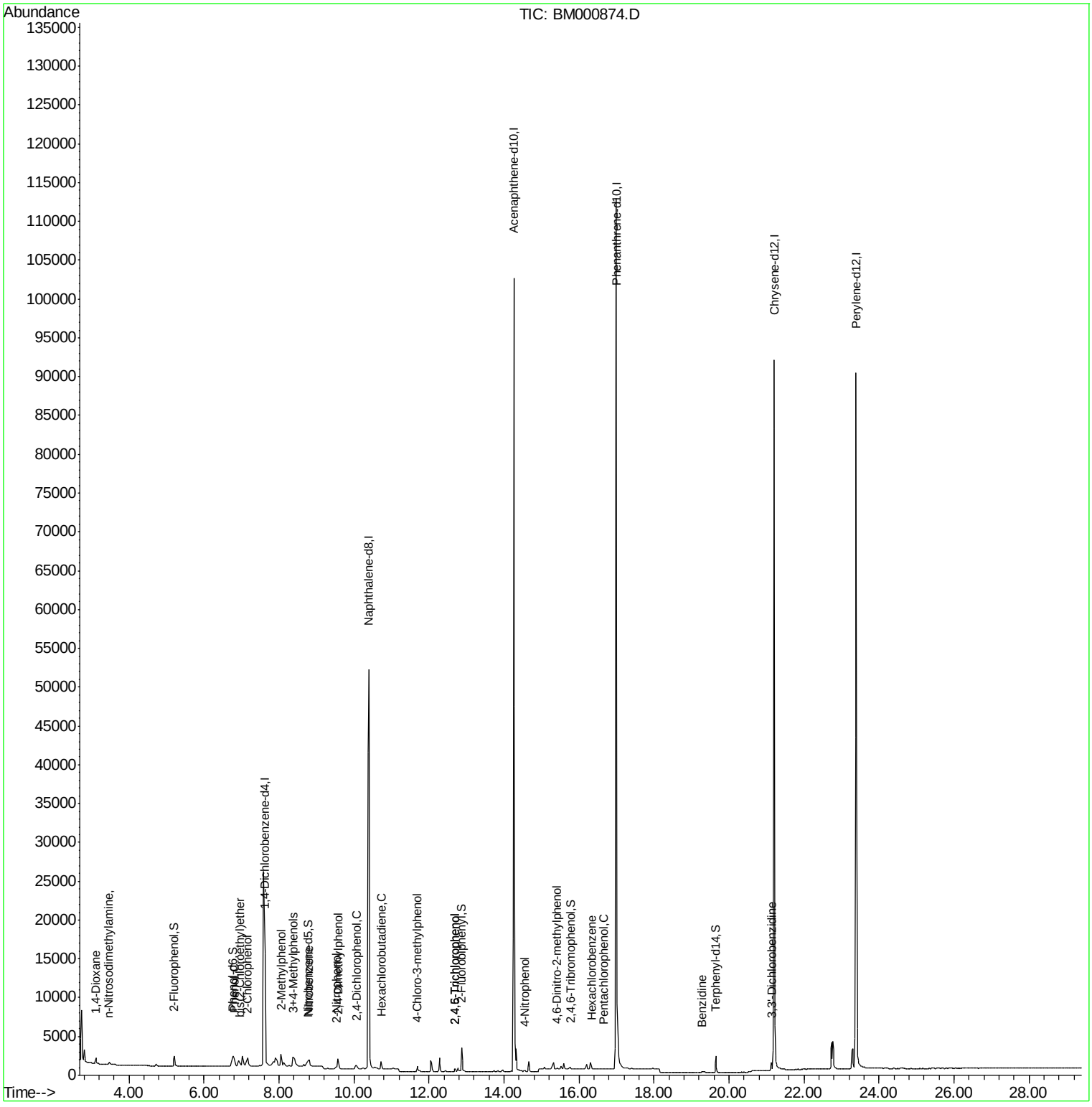
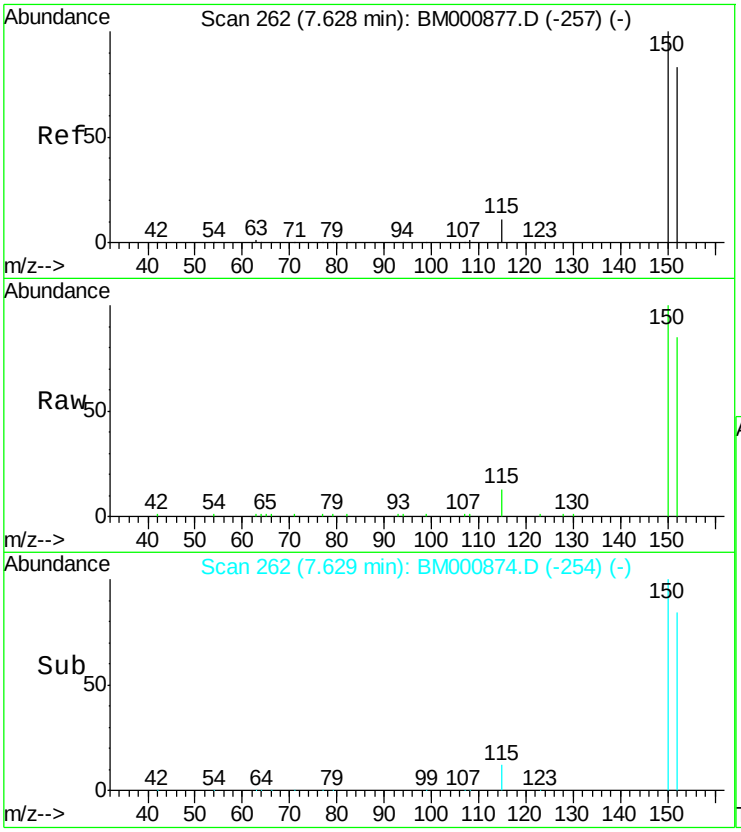


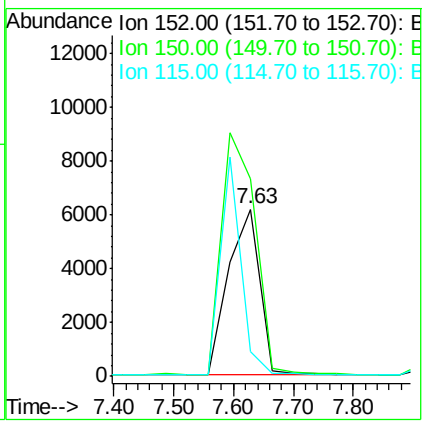


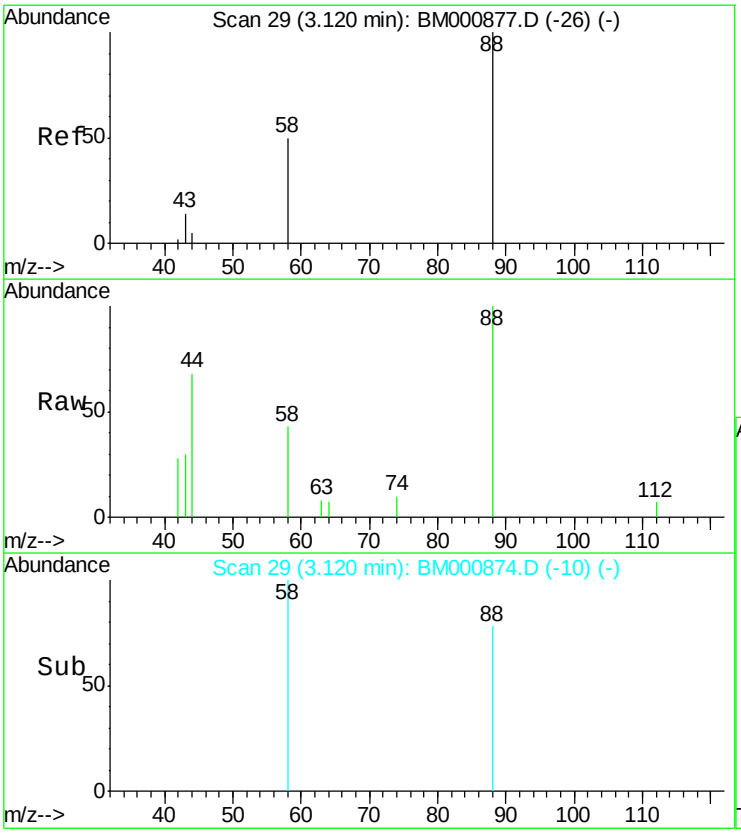
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 22790

Ion	Ratio	Lower	Upper
152	100		
150	118.3	96.5	144.7
115	15.1	11.9	17.9

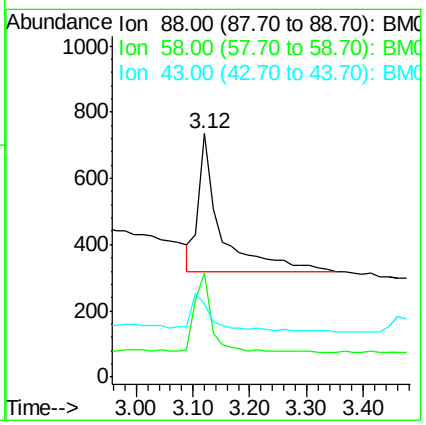


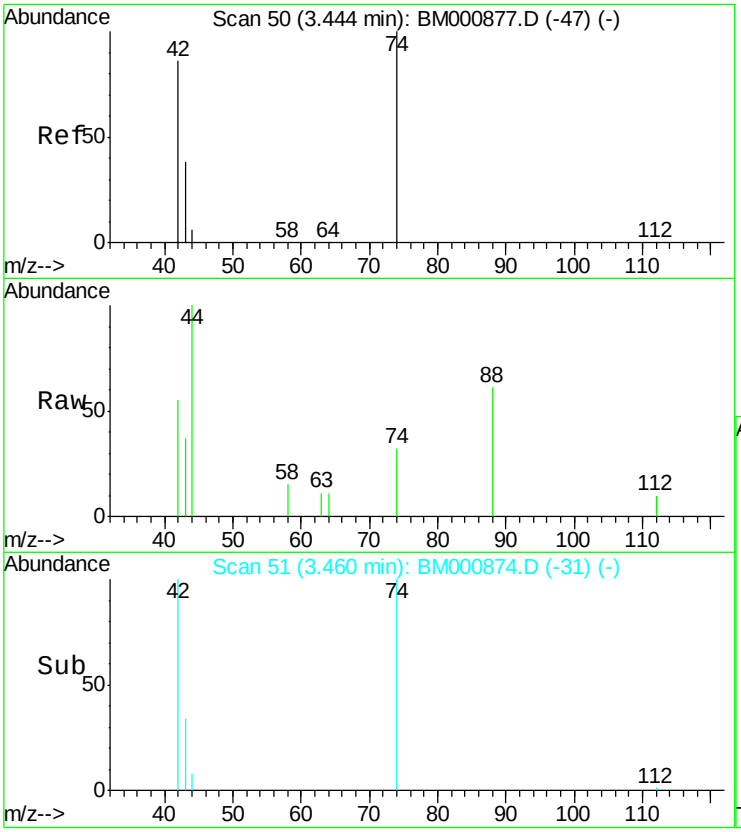


#2
1,4-Dioxane
Concen: 0.32 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion: 88 Resp: 1135

Ion	Ratio	Lower	Upper
88	100		
58	41.7	56.7	85.1#
43	25.4	25.0	37.6



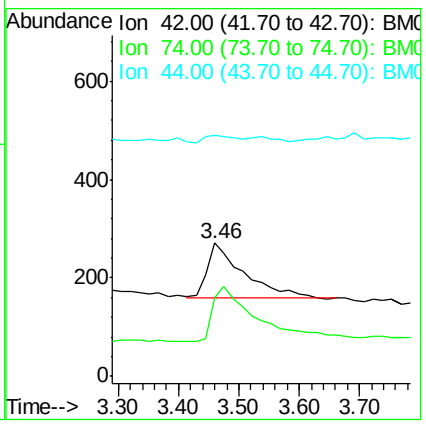


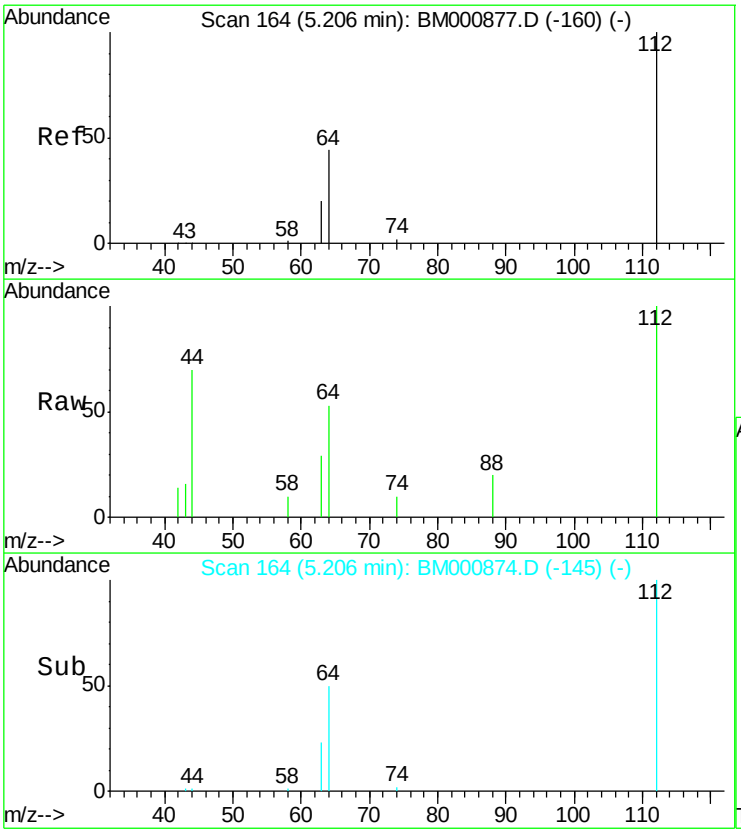
#3
n-Nitrosodimethylamine
Concen: 0.16 ng
RT: 3.46 min Scan# 51
Delta R.T. 0.02 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 459

Ion	Ratio	Lower	Upper
42	100		
74	58.7	81.0	121.4#
44	181.2	53.3	79.9#

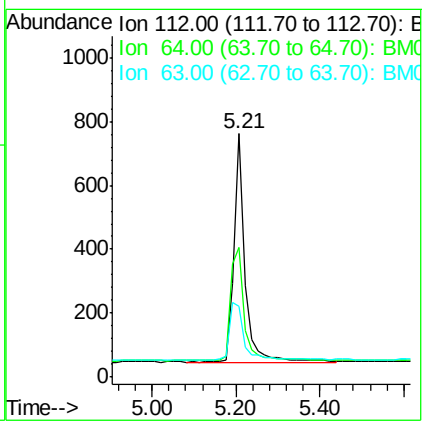


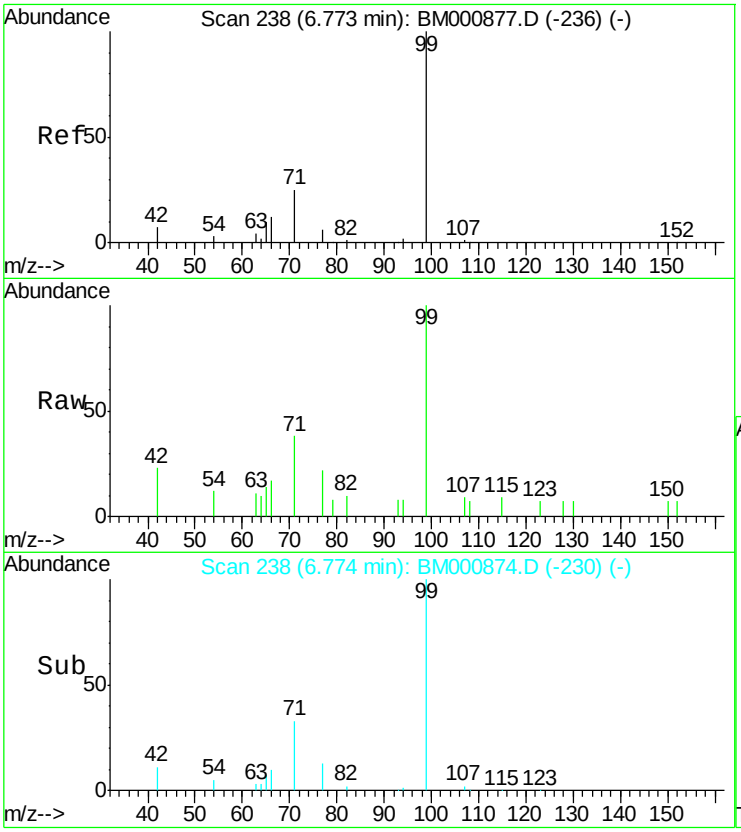


#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion:112 Resp: 1315

Ion	Ratio	Lower	Upper
112	100		
64	53.4	35.7	53.5
63	29.0	17.0	25.4#



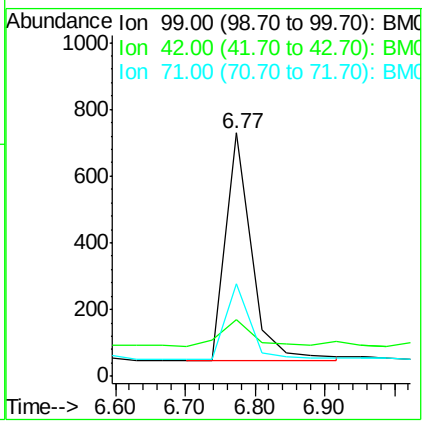


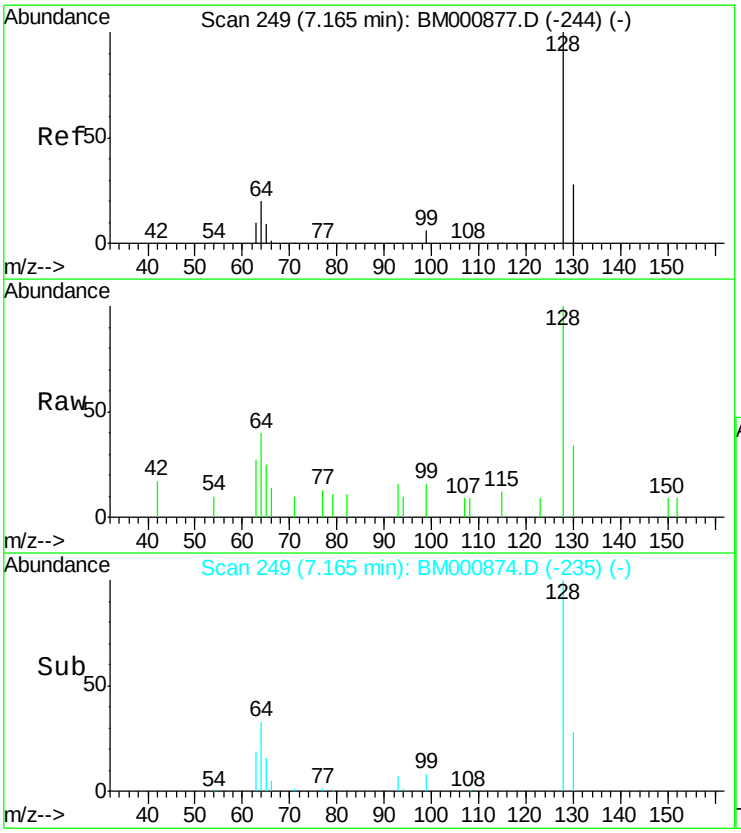
#5
Phenol-d6
Concen: 0.20 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1770

Ion	Ratio	Lower	Upper
99	100		
42	23.0	7.5	11.3#
71	38.3	21.3	31.9#

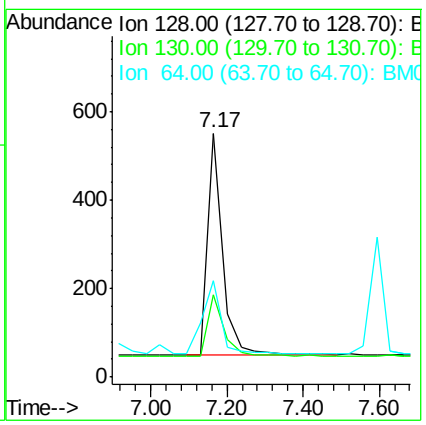


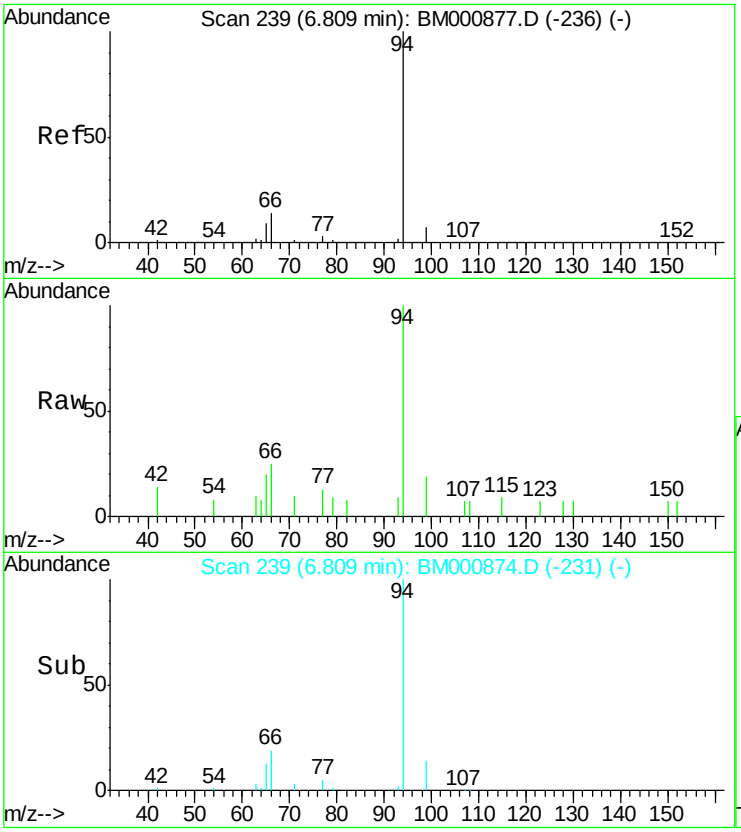


#6
2-Chlorophenol
Concen: 0.21 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion:128 Resp: 1357

Ion	Ratio	Lower	Upper
128	100		
130	33.9	9.4	49.4
64	39.7	2.1	42.1



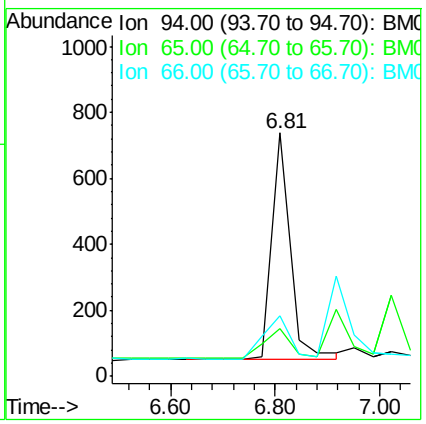


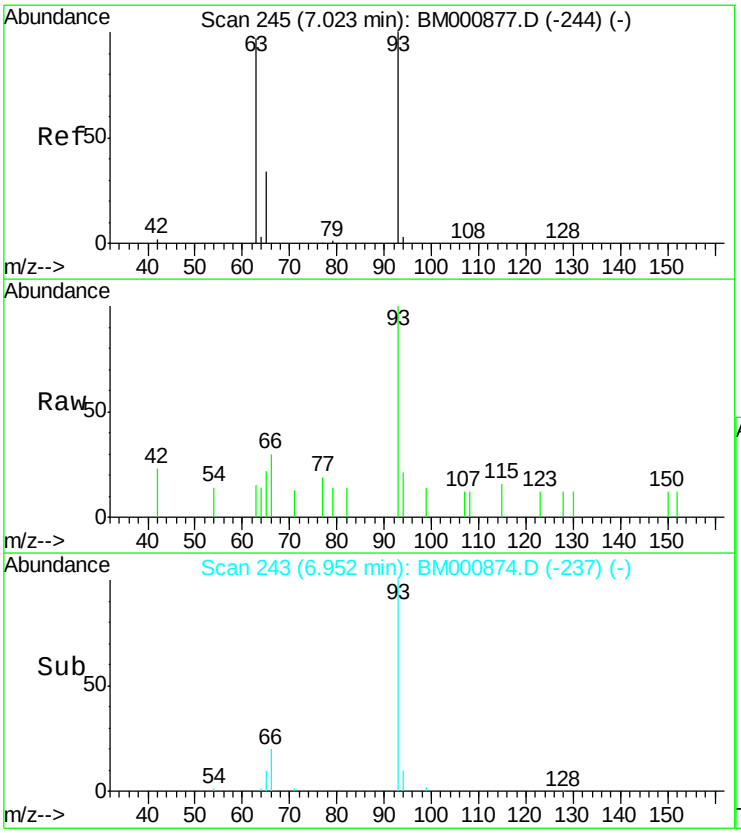
#7
Phenol
Concen: 0.18 ng
RT: 6.81 min Scan# 239
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 94 Resp: 1708

Ion	Ratio	Lower	Upper
94	100		
65	19.6	0.0	30.9
66	24.7	0.0	35.8

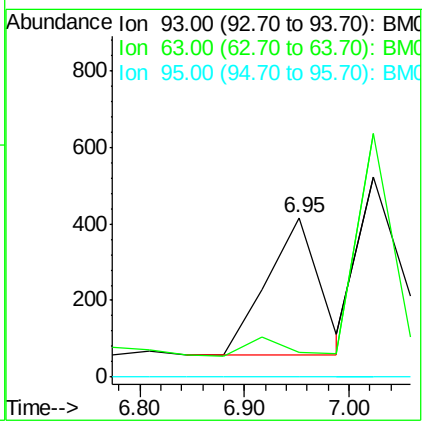


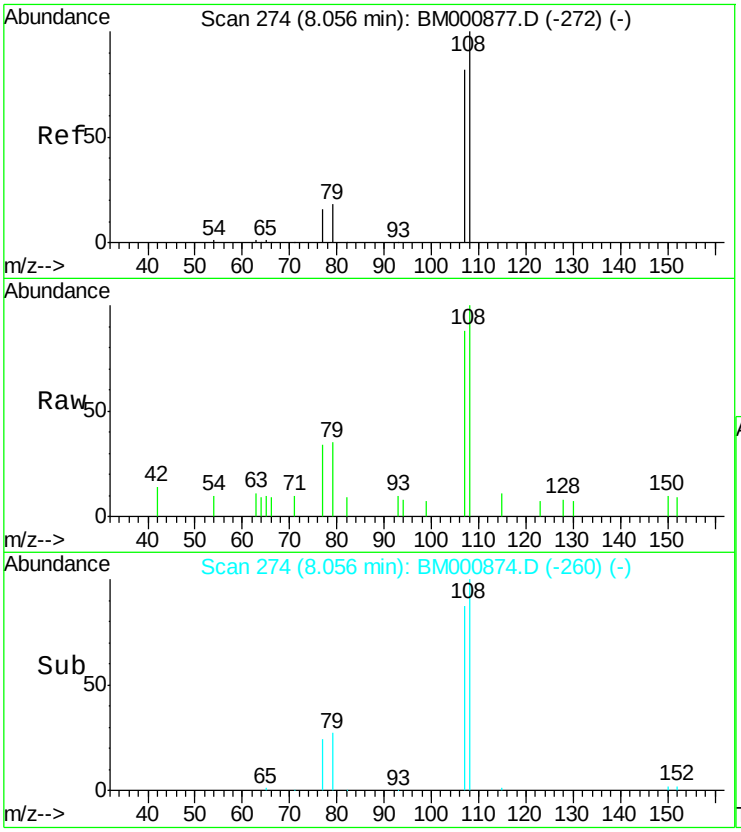


#8
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 6.95 min Scan# 243
Delta R.T. -0.07 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion: 93 Resp: 1259

Ion	Ratio	Lower	Upper
93	100		
63	15.1	73.3	113.3#
95	0.0	0.0	20.0



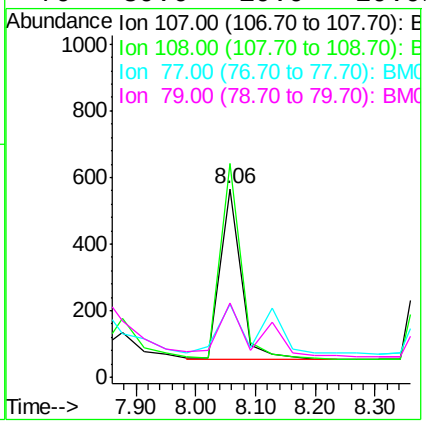


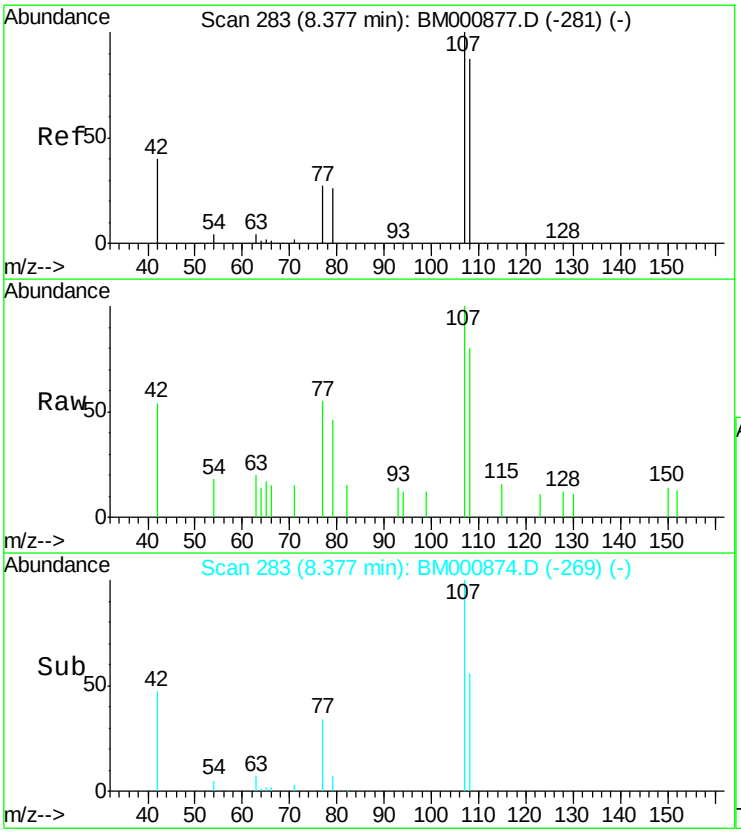
#9
2-Methylphenol
Concen: 0.18 ng
RT: 8.06 min Scan# 274
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:107 Resp: 1233

Ion	Ratio	Lower	Upper
107	100		
108	113.3	96.7	145.1
77	38.5	18.3	27.5#
79	39.6	19.9	29.9#

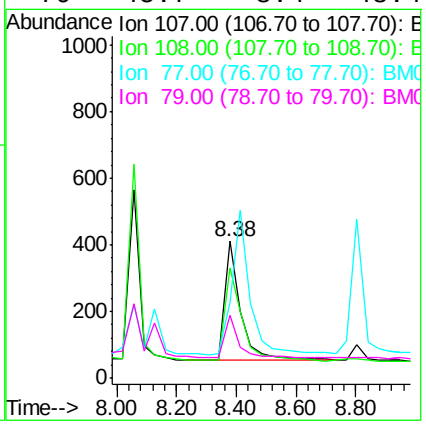


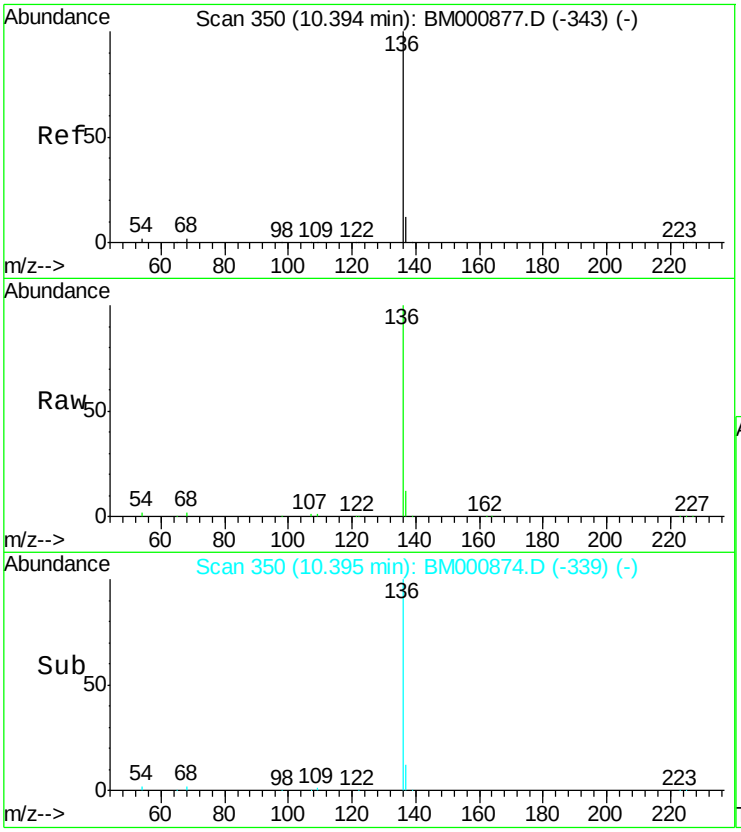


#10
3+4-Methylphenols
Concen: 0.18 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion:107 Resp: 1274

Ion	Ratio	Lower	Upper
107	100		
108	80.3	67.6	107.6
77	55.0	10.0	50.0#
79	45.7	8.4	48.4



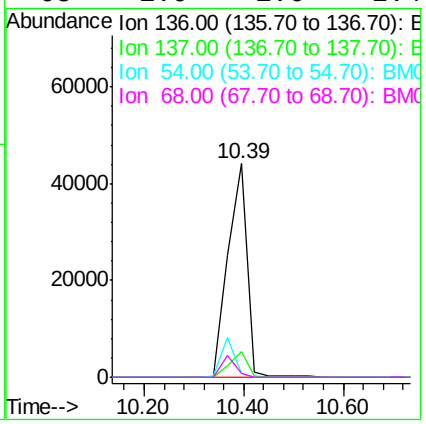


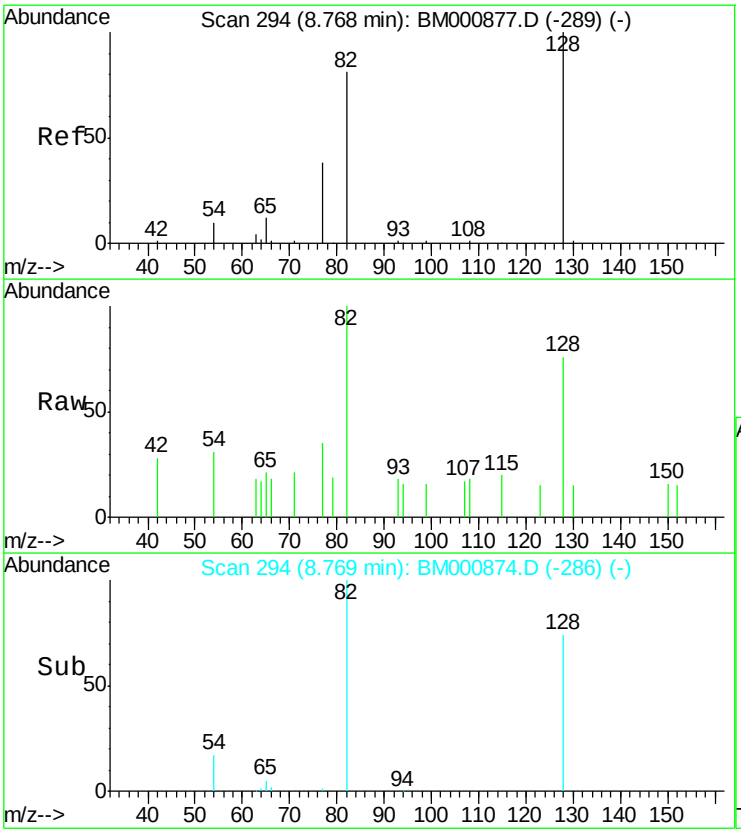
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 116391

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	1.9	1.5	2.3
68	1.9	1.6	2.4

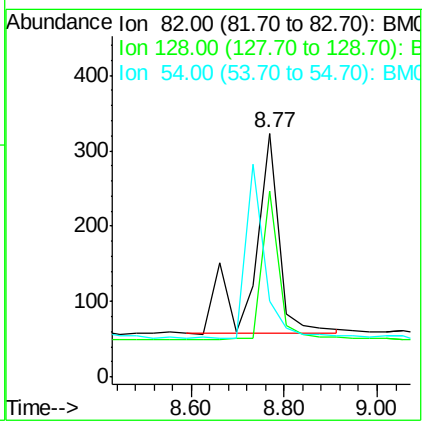


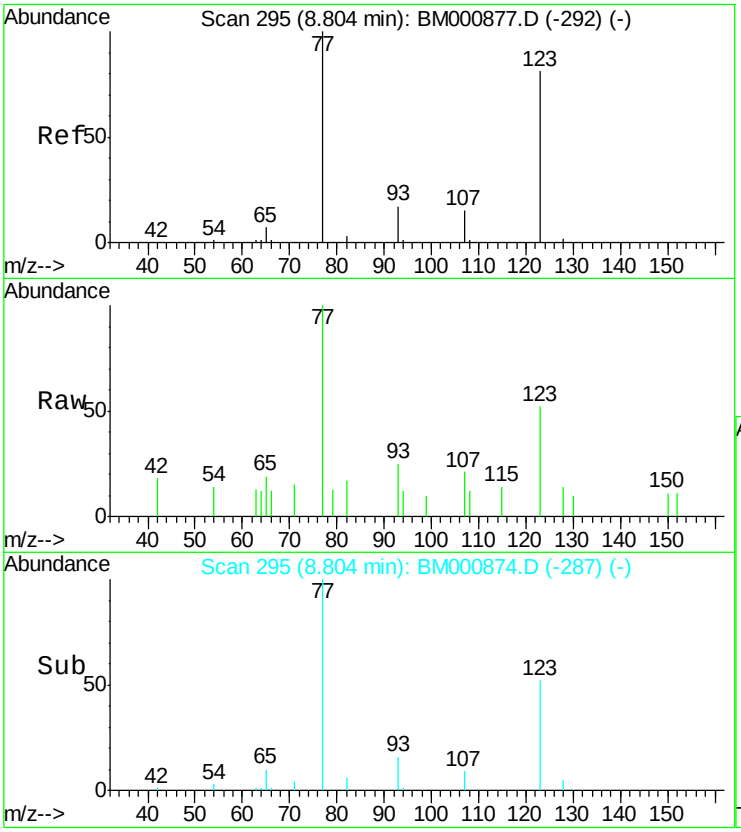


#12
Nitrobenzene-d5
Concen: 0.18 ng
RT: 8.77 min Scan# 294
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion: 82 Resp: 1003

Ion	Ratio	Lower	Upper
82	100		
128	76.5	96.2	144.2#
54	31.3	15.0	22.6#



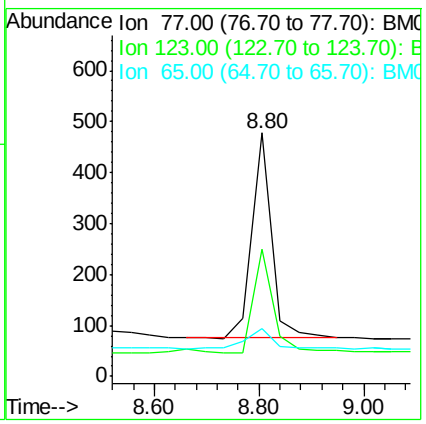


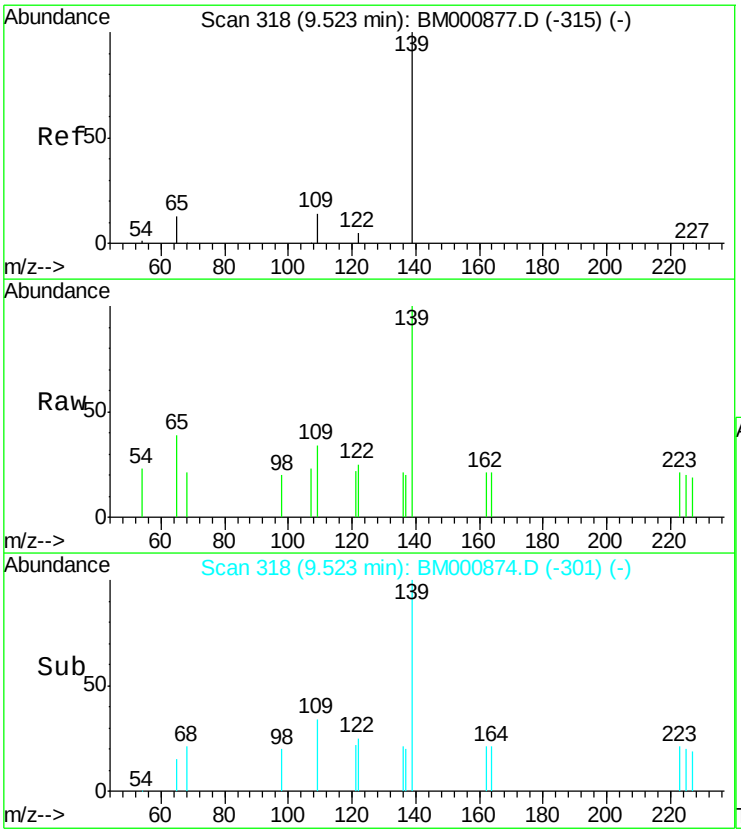
#13
Nitrobenzene
Concen: 0.17 ng
RT: 8.80 min Scan# 295
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 77 Resp: 1043

Ion	Ratio	Lower	Upper
77	100		
123	52.3	64.0	96.0#
65	19.5	8.7	13.1#

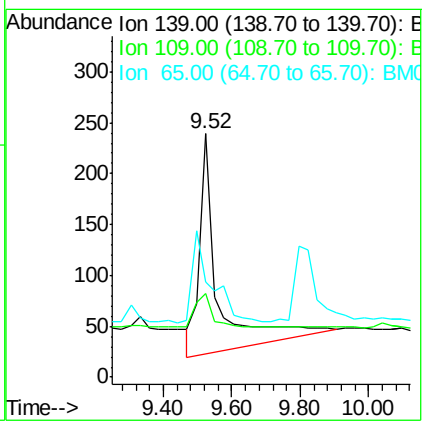


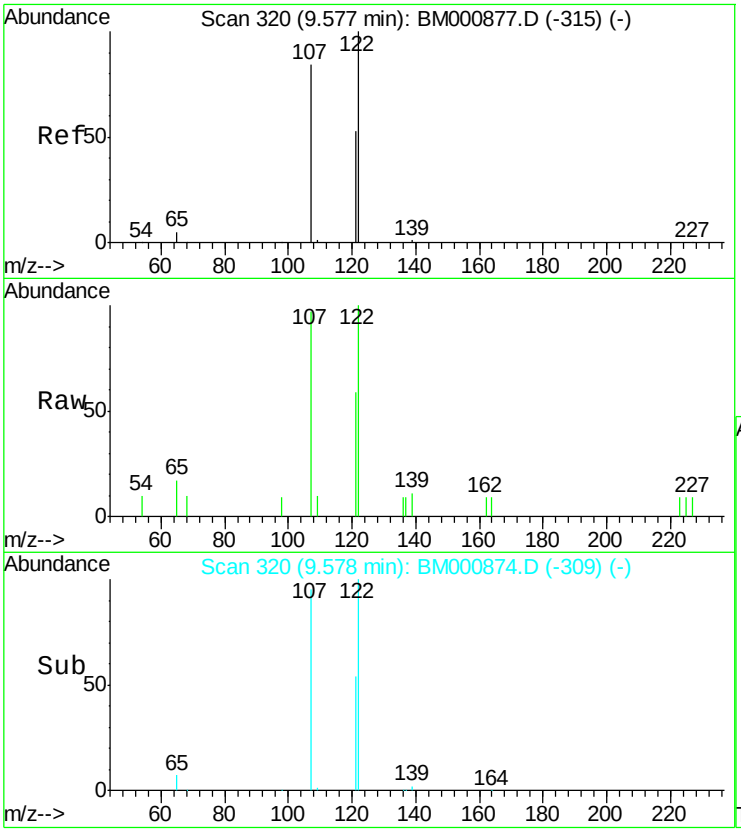


#14
2-Nitrophenol
Concen: 0.25 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion:139 Resp: 819

Ion	Ratio	Lower	Upper
139	100		
109	34.3	15.8	23.8#
65	39.3	16.2	24.2#



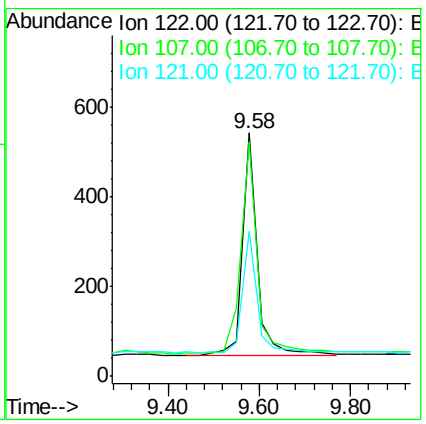


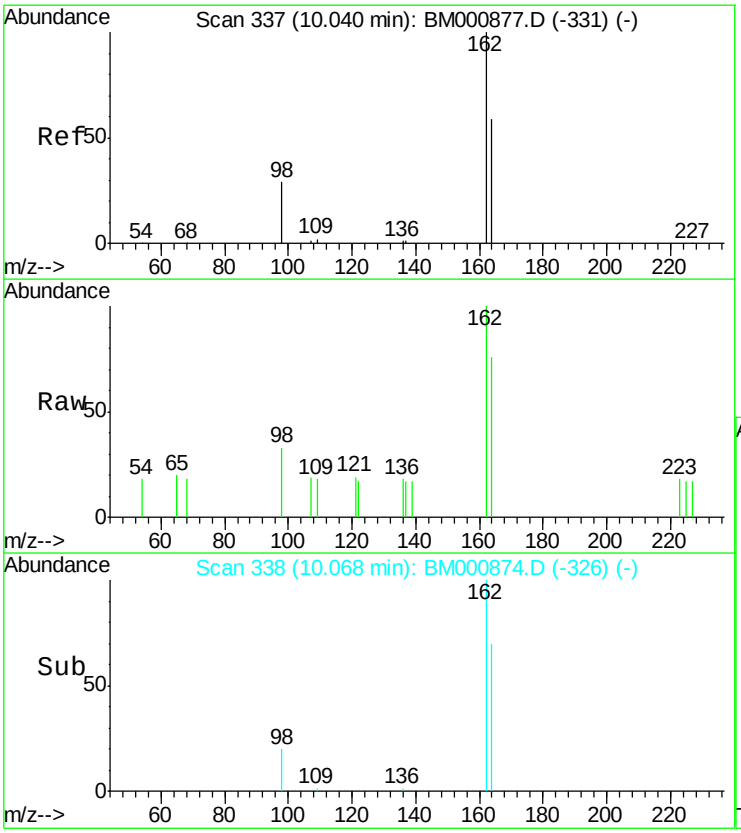
#15
2,4-Dimethylphenol
Concen: 0.16 ng
RT: 9.58 min Scan# 320
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:122 Resp: 1082

Ion	Ratio	Lower	Upper
122	100		
107	96.7	67.4	101.2
121	59.4	43.5	65.3

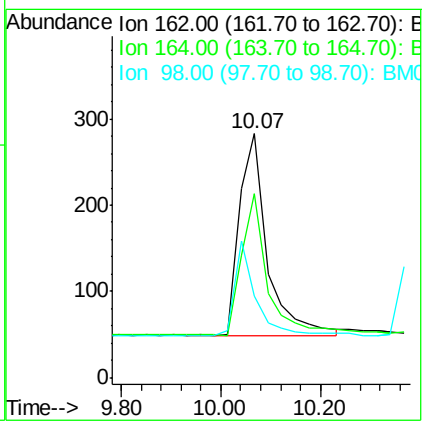


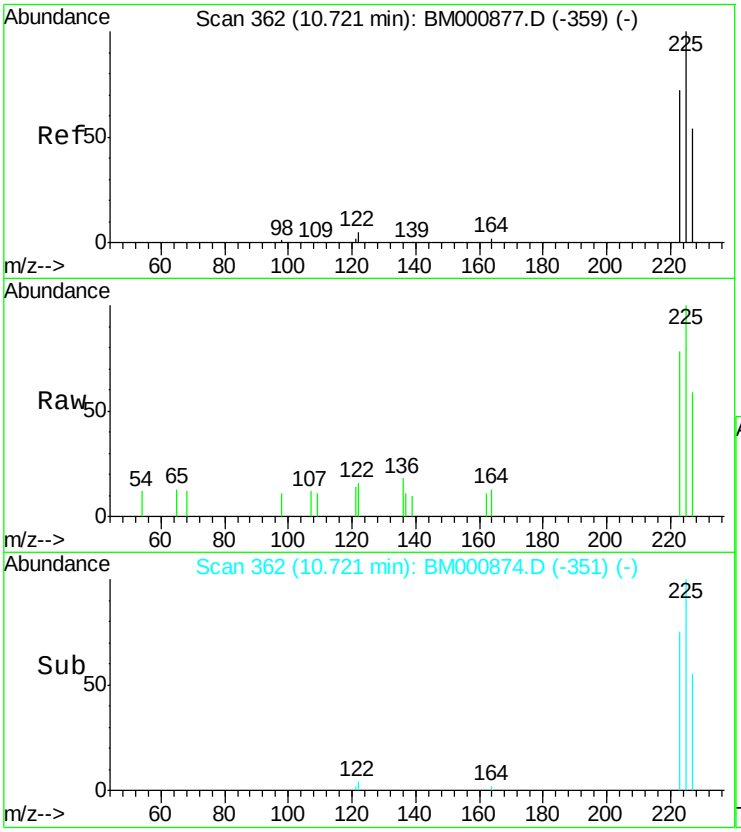


#16
2,4-Dichlorophenol
Concen: 0.16 ng
RT: 10.07 min Scan# 338
Delta R.T. 0.03 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion:162 Resp: 915

Ion	Ratio	Lower	Upper
162	100		
164	75.6	39.9	79.9
98	33.2	11.3	51.3



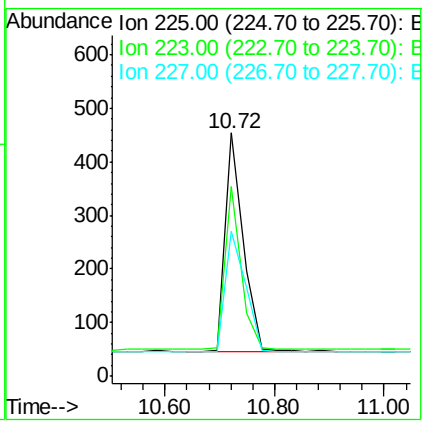


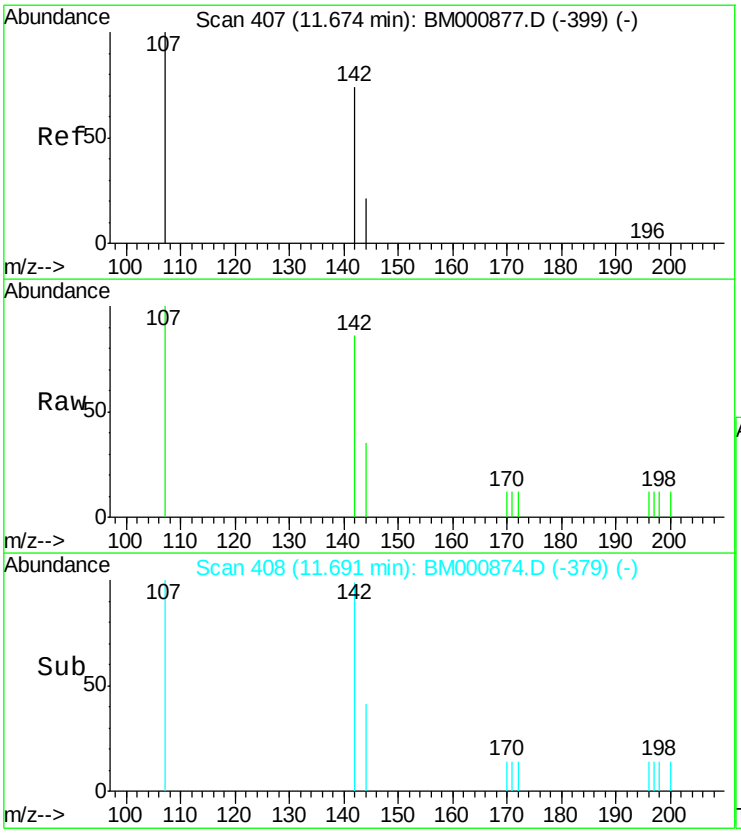
#17
Hexachlorobutadiene
Concen: 0.20 ng
RT: 10.72 min Scan# 362
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:225 Resp: 925

Ion	Ratio	Lower	Upper
225	100		
223	78.2	58.3	87.5
227	59.5	44.5	66.7

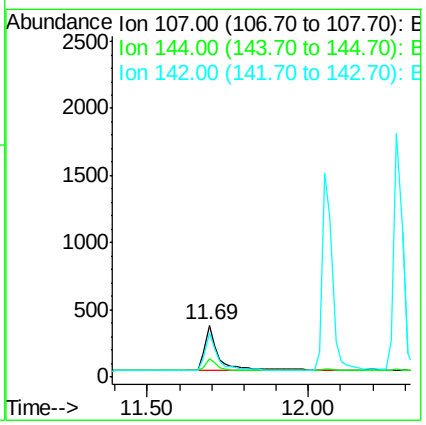


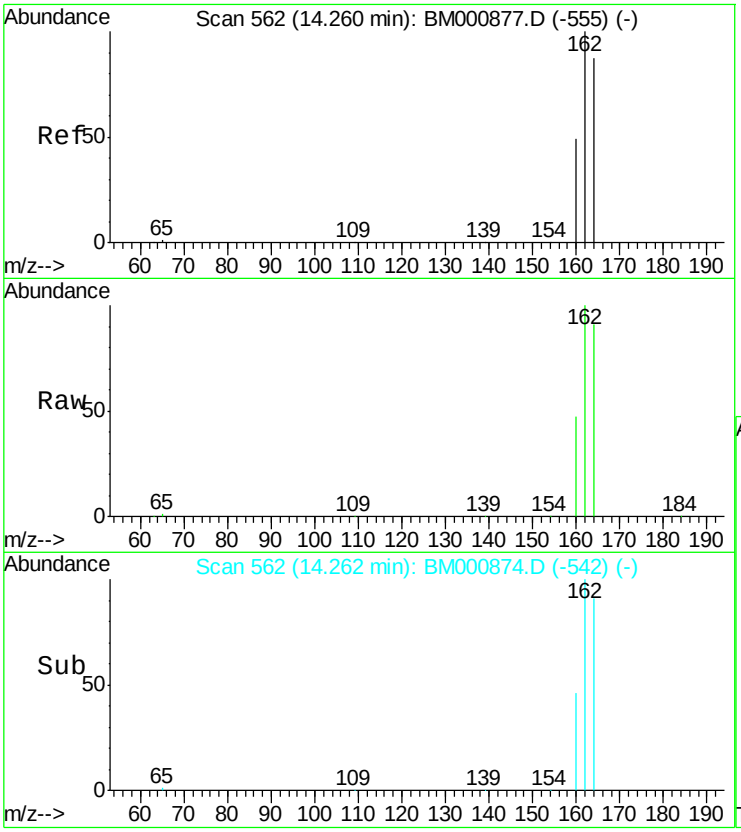


#18
4-Chloro-3-methylphenol
Concen: 0.17 ng
RT: 11.69 min Scan# 408
Delta R.T. 0.02 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion:107 Resp: 986

Ion	Ratio	Lower	Upper
107	100		
144	35.4	18.4	27.6#
142	85.8	59.9	89.9



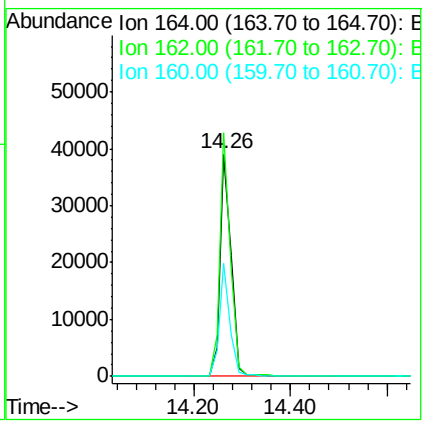


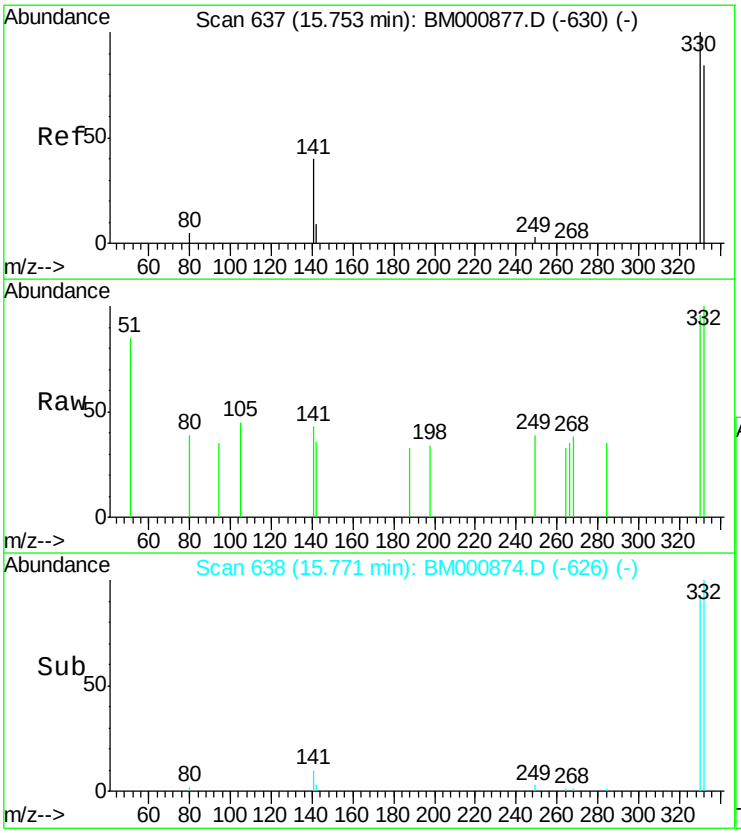
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 63013

Ion	Ratio	Lower	Upper
164	100		
162	109.5	91.8	137.6
160	51.0	44.6	67.0

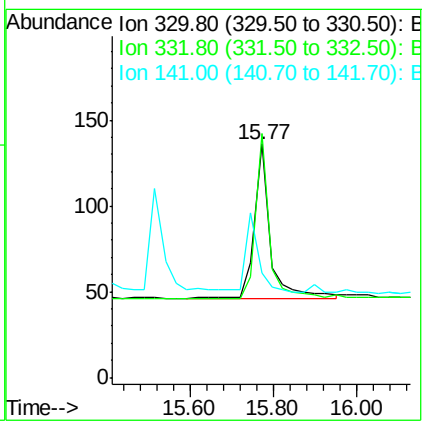


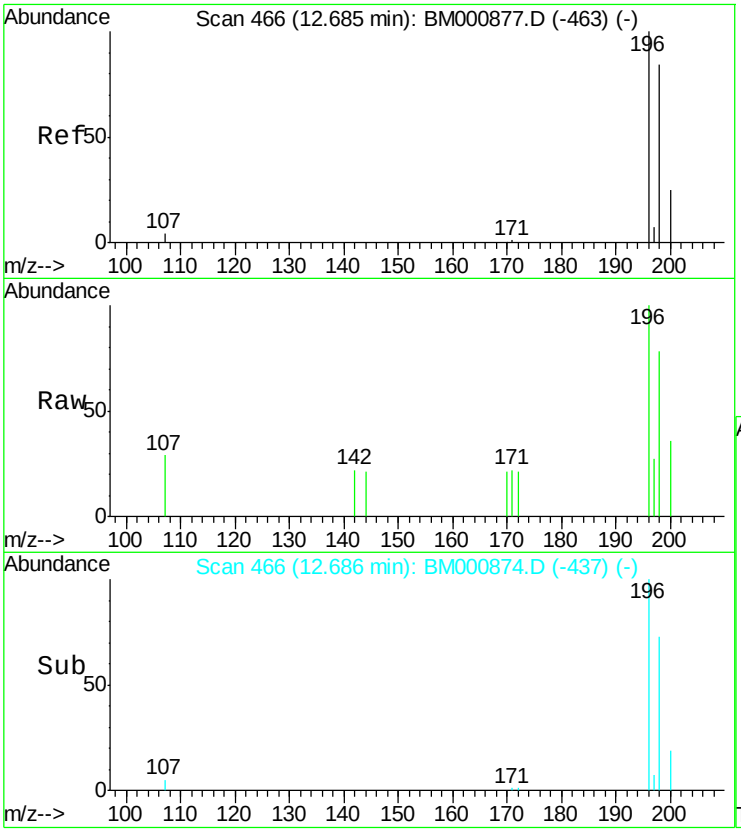


#20
2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion:330 Resp: 244

Ion	Ratio	Lower	Upper
330	100		
332	89.3	72.6	109.0
141	0.0	29.8	44.6#



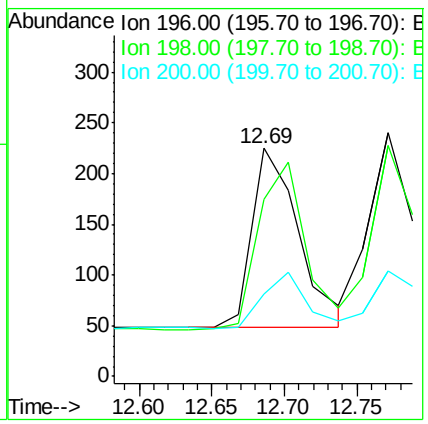


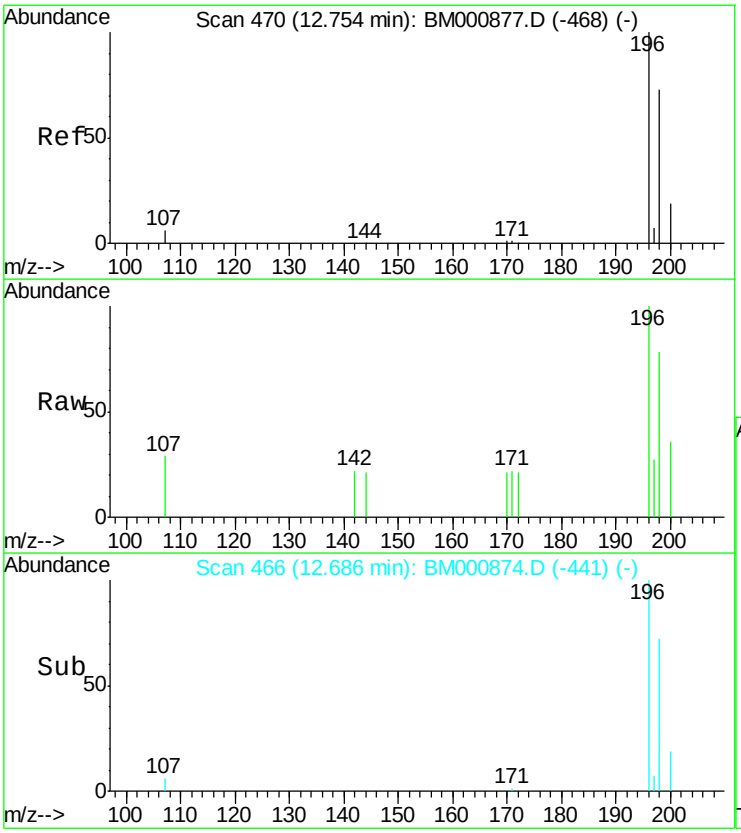
#21
2,4,6-Trichlorophenol
Concen: 0.12 ng
RT: 12.69 min Scan# 466
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:196 Resp: 400

Ion	Ratio	Lower	Upper
196	100		
198	77.8	67.5	101.3
200	36.0	22.1	33.1#

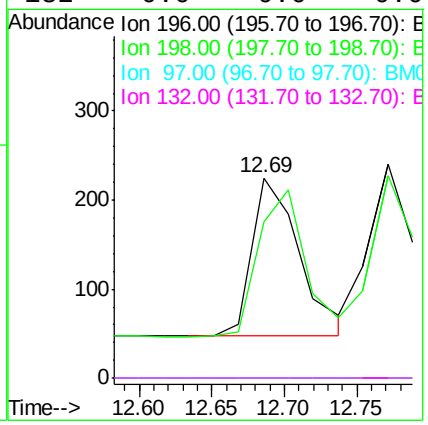


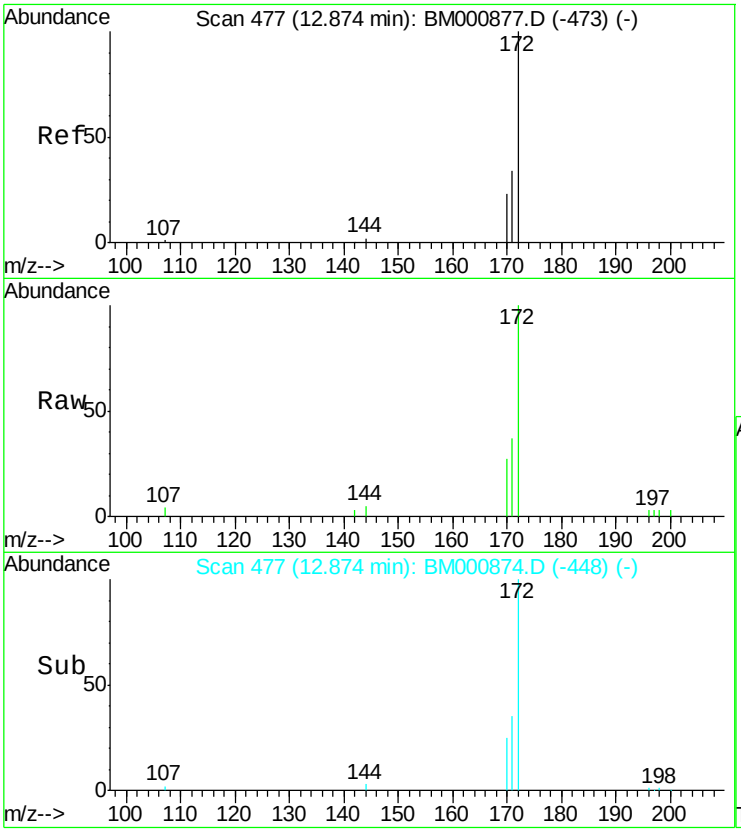


#22
2,4,5-Trichlorophenol
Concen: 0.10 ng
RT: 12.69 min Scan# 466
Delta R.T. -0.07 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion:196 Resp: 400

Ion	Ratio	Lower	Upper
196	100		
198	77.8	62.7	94.1
97	0.0	0.0	0.0
132	0.0	0.0	0.0



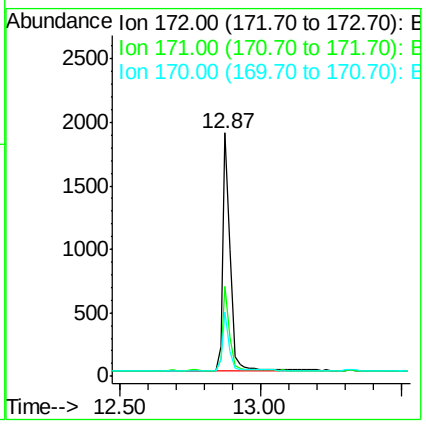


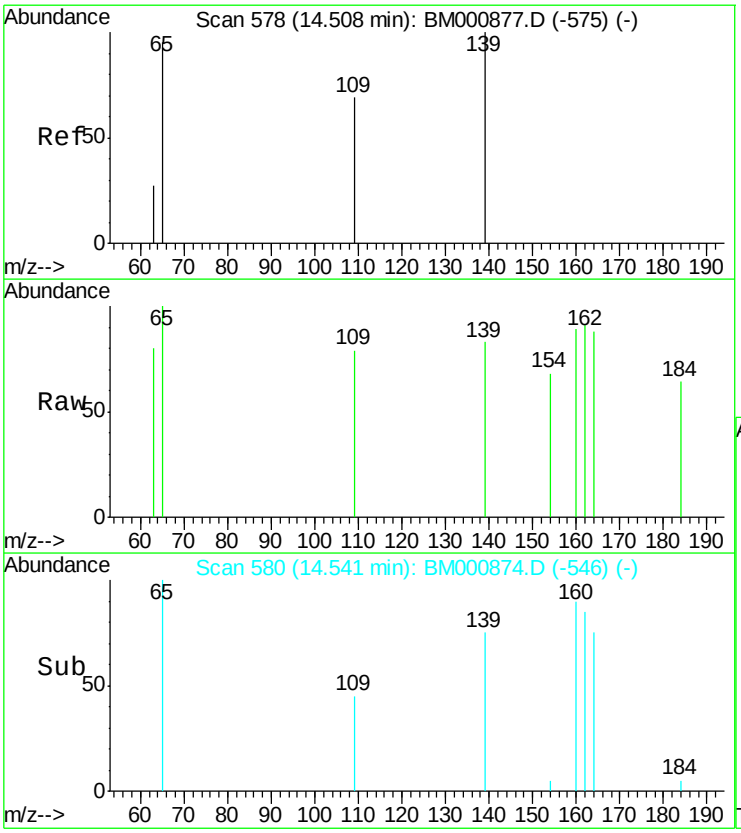
#23
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 12.87 min Scan# 477
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 3428

Ion	Ratio	Lower	Upper
172	100		
171	37.1	27.8	41.8
170	26.6	19.0	28.6

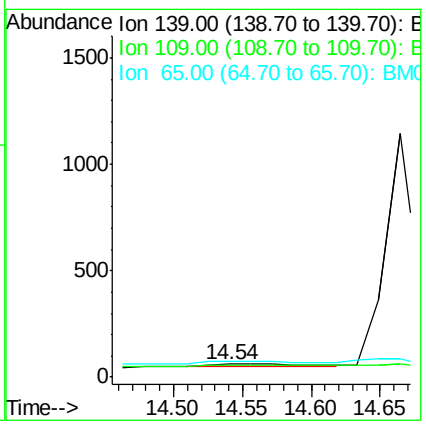


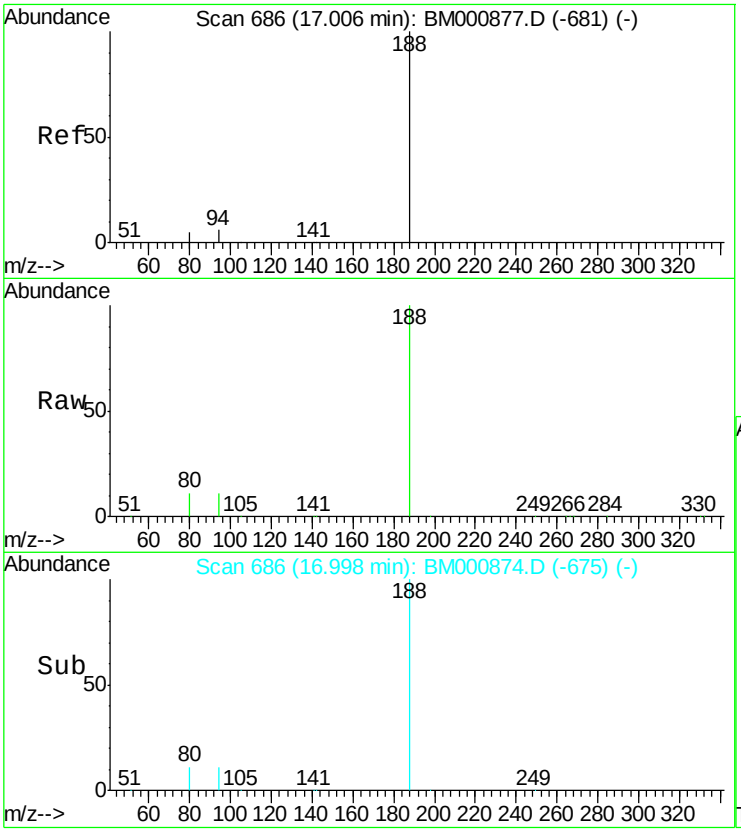


#25
4-Nitrophenol
Concen: 0.05 ng
RT: 14.54 min Scan# 580
Delta R.T. 0.03 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion:139 Resp: 61

Ion	Ratio	Lower	Upper
139	100		
109	95.2	58.4	98.4
65	121.0	87.7	127.7



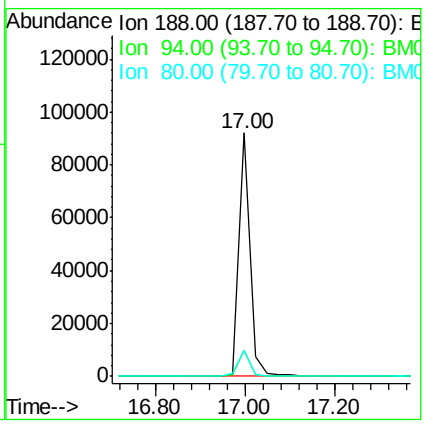


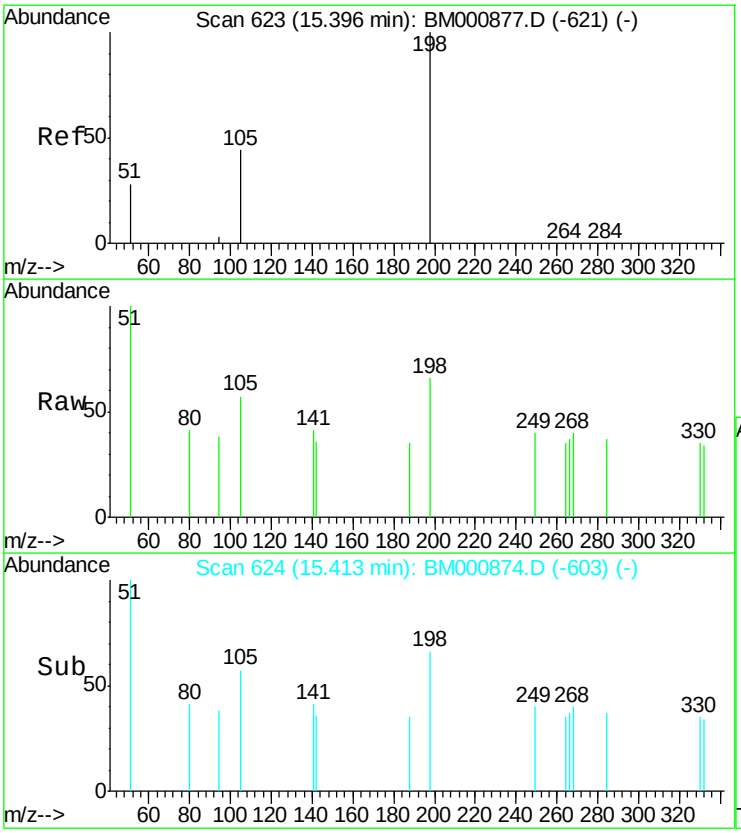
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 158799

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

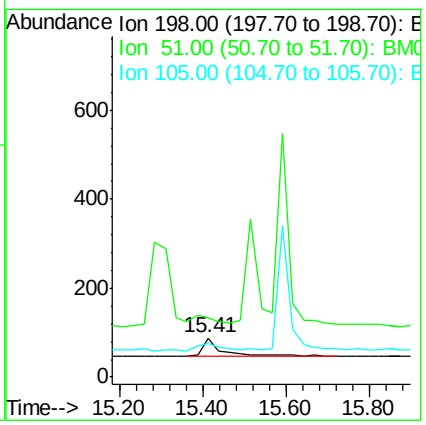


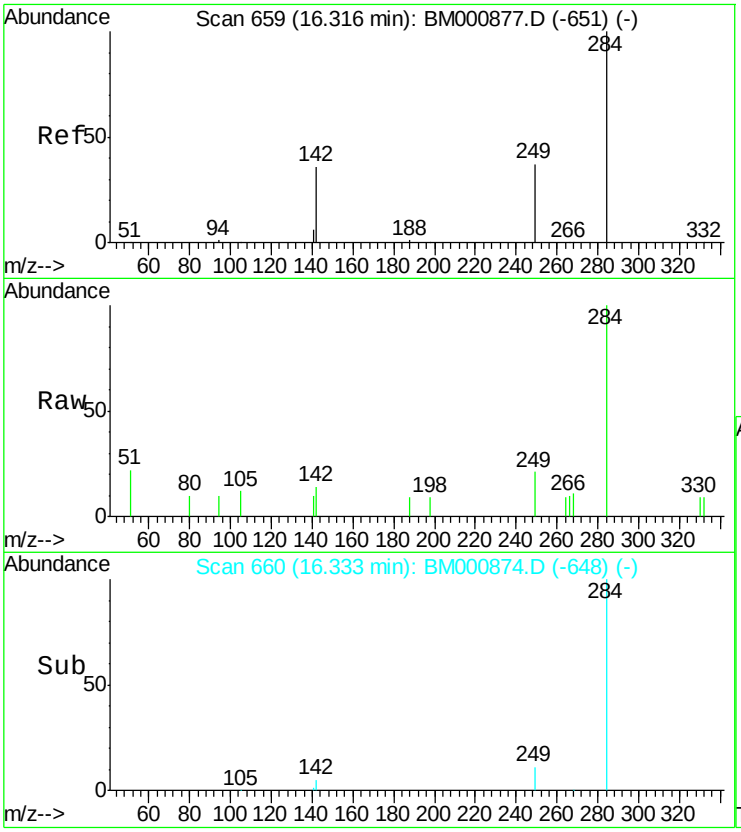


#27
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.41 min Scan# 624
Delta R.T. 0.02 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion:198 Resp: 138

Ion	Ratio	Lower	Upper
198	100		
51	150.6	44.6	84.6#
105	85.4	36.0	76.0#



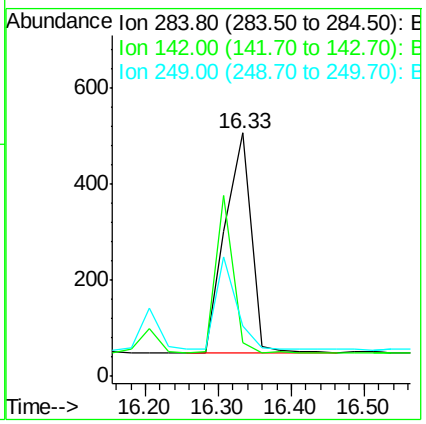


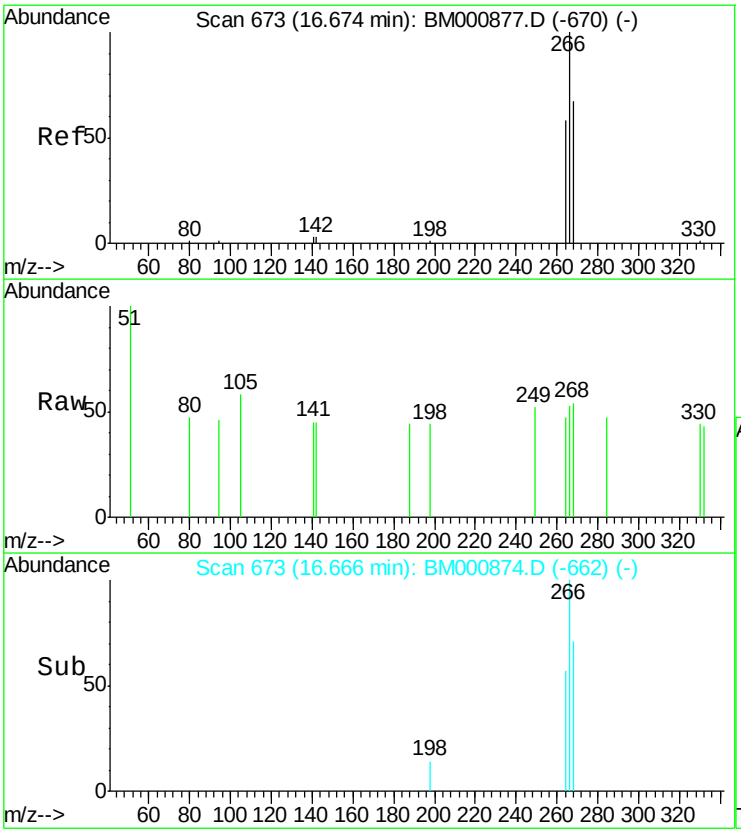
#28
Hexachlorobenzene
Concen: 0.13 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.02 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1121

Ion	Ratio	Lower	Upper
284	100		
142	13.8	29.8	44.8#
249	20.9	31.0	46.4#

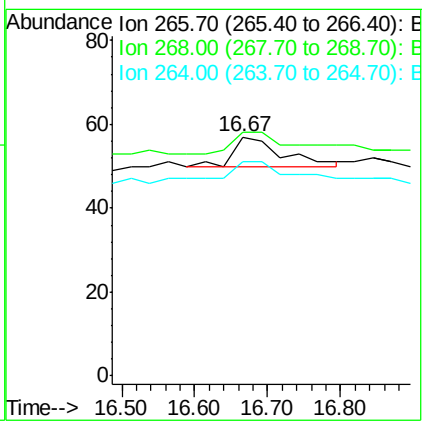


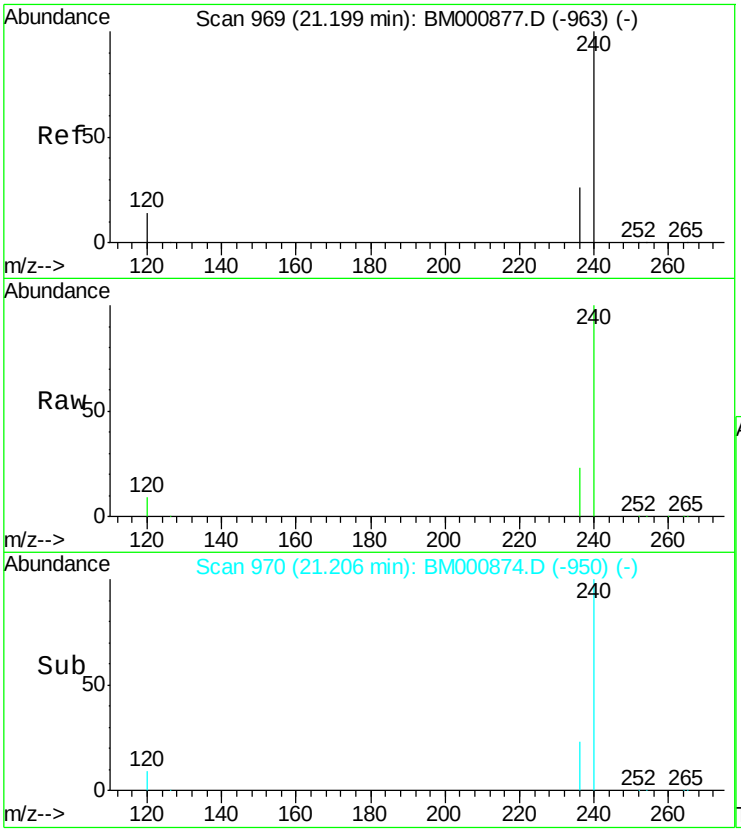


#29
Pentachlorophenol
Concen: 0.02 ng
RT: 16.67 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion:266 Resp: 32

Ion	Ratio	Lower	Upper
266	100		
268	101.8	61.8	92.8#
264	89.5	53.8	80.6#



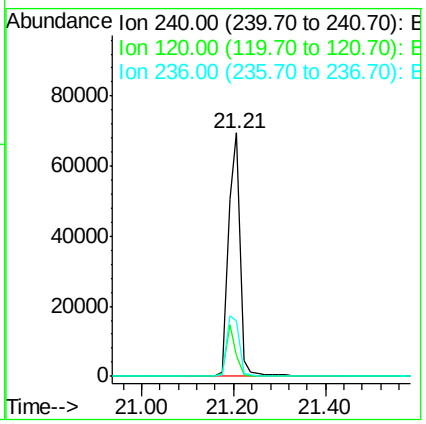


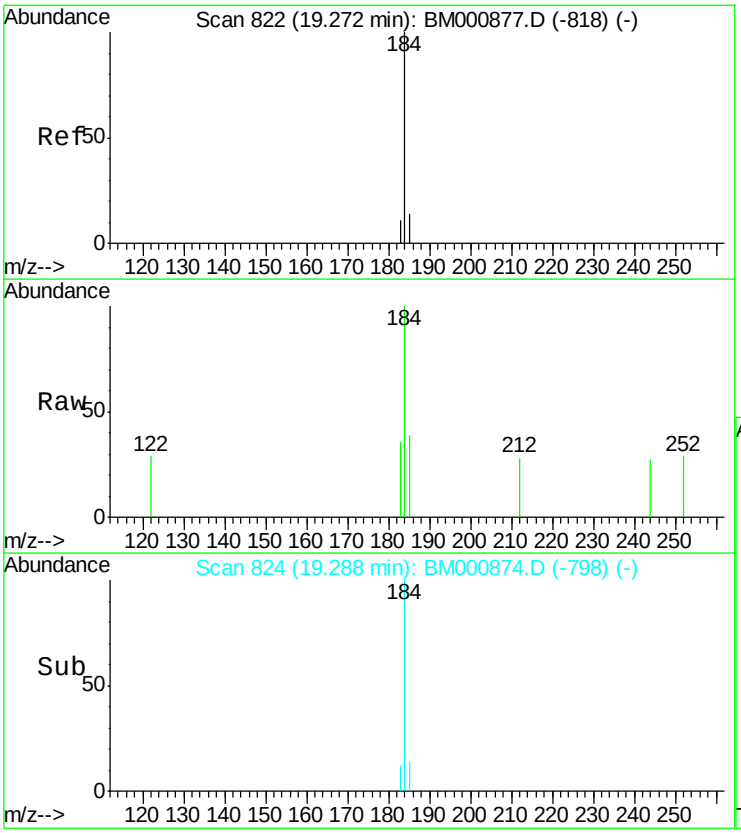
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 120423

Ion	Ratio	Lower	Upper
240	100		
120	8.8	11.1	16.7#
236	23.0	20.9	31.3

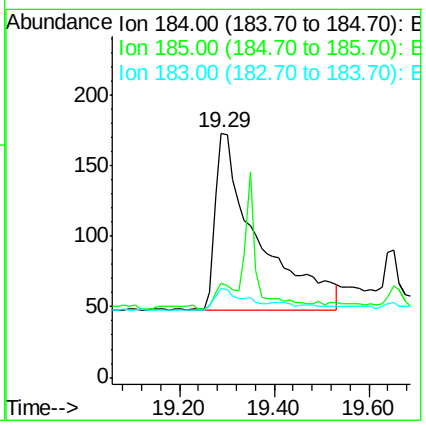


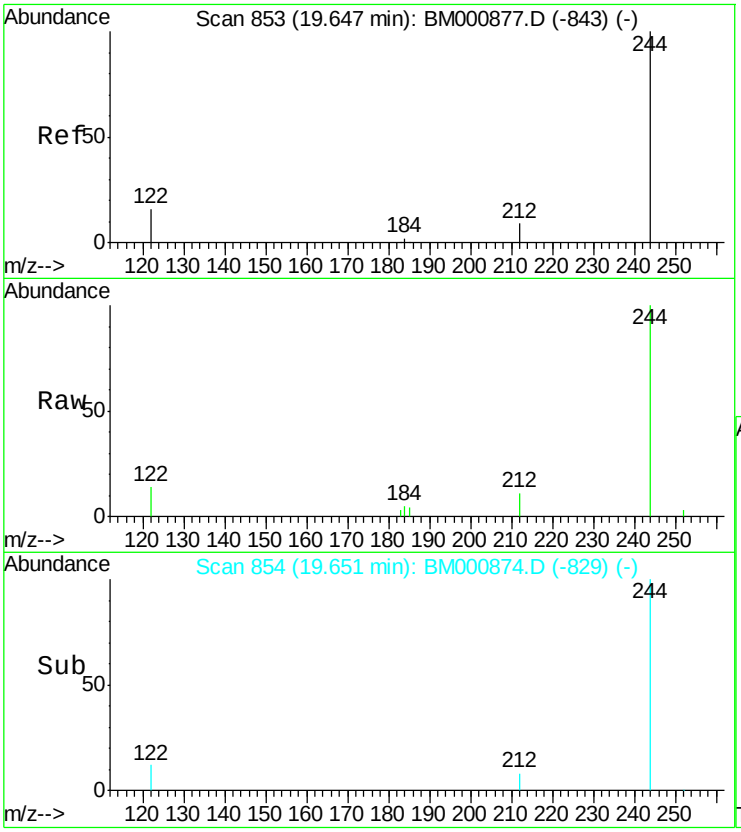


#31
Benzidine
Concen: 0.14 ng
RT: 19.29 min Scan# 824
Delta R.T. 0.02 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion:184 Resp: 783

Ion	Ratio	Lower	Upper
184	100		
185	38.7	14.4	21.6#
183	36.4	12.6	19.0#



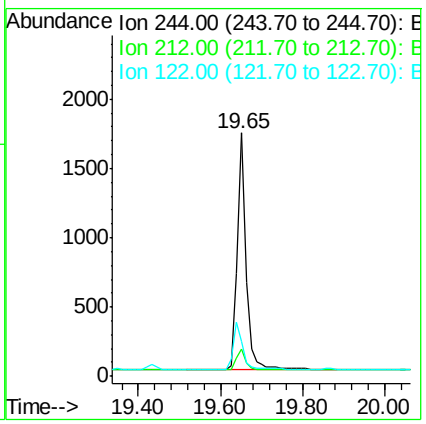


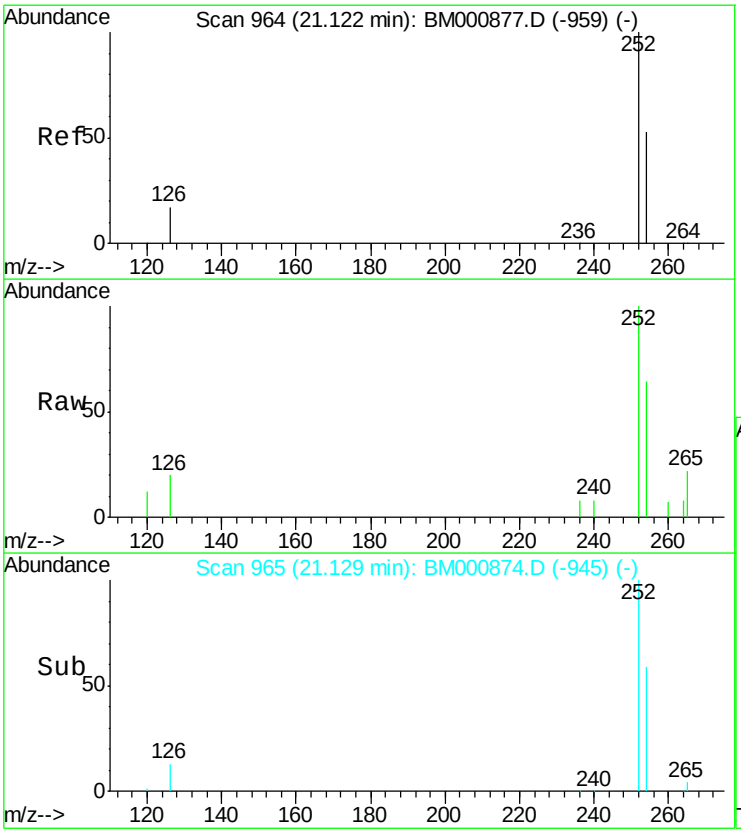
#32
Terphenyl-d14
Concen: 0.17 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 2531

Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.1	12.1
122	14.3	13.6	20.4

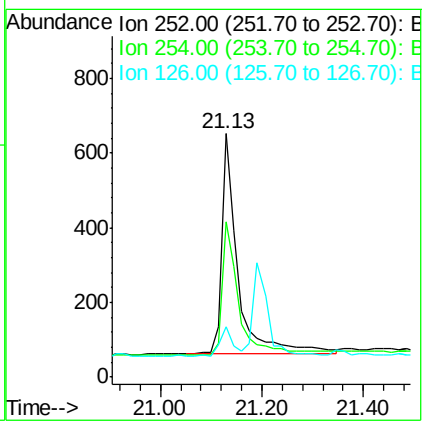


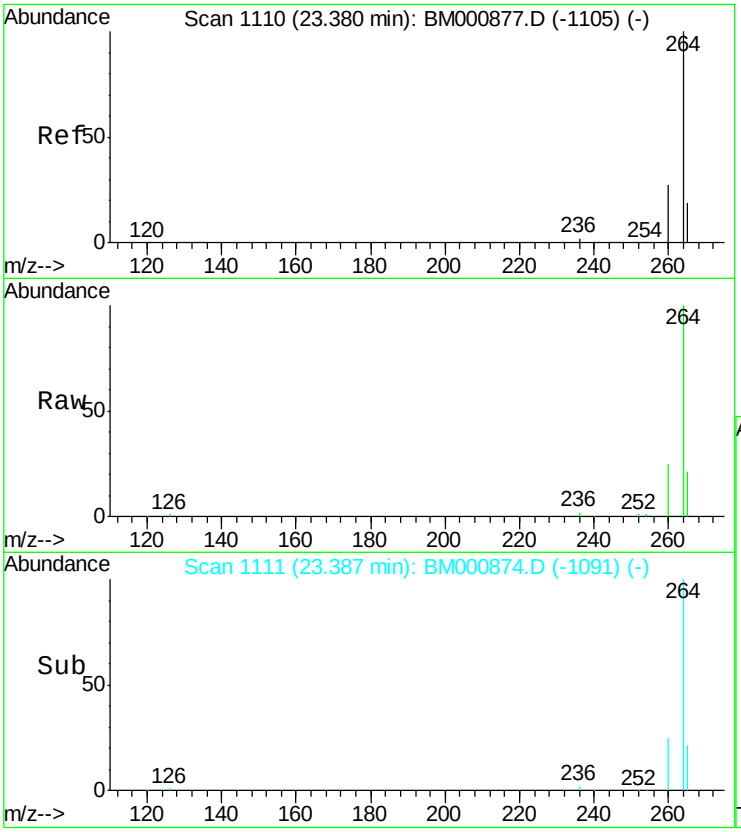


#33
3,3'-Dichlorobenzidine
Concen: 0.16 ng
RT: 21.13 min Scan# 965
Delta R.T. 0.01 min
Lab File: BM000874.D
Acq: 07 Apr 2015 11:39

Tgt Ion:252 Resp: 1323

Ion	Ratio	Lower	Upper
252	100		
254	64.0	43.2	64.8
126	20.4	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: BM000874.D
Acq: 07 Apr 2015 11:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 112769

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.6	32.4
265	21.3	16.1	24.1