Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040715\
Data File : BM000878.D
Acq On : 07 Apr 2015 14:02
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC002

Quant Time: Apr 07 15:08:38 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 14:20:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	23013	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	120356	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	64301	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	151640	5.00	ng		0.00
30) Chrysene-d12	21.21	240	114979	5.00	ng		0.00
34) Perylene-d12	23.39	264	106638	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	16437	2.24	ng		0.00
5) Phenol-d6	6.77	99	27636	2.60	ng		0.00
12) Nitrobenzene-d5	8.73	82	12590	2.20	ng		-0.04
20) 2,4,6-Tribromophenol	15.77	330	3981	2.57	ng		0.02
23) 2-Fluorobiphenyl	12.87	172	42009	2.14	ng		0.00
32) Terphenyl-d14	19.65	244	29627	2.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	6957	1.44	ng	#	85
3) n-Nitrosodimethylamine	3.43	42	7706	2.56	ng	#	53
6) 2-Chlorophenol	7.17	128	22319	2.67	ng		93
7) Phenol	6.81	94	19465	2.07	ng		90
8) bis(2-Chloroethyl)ether	7.02	93	22608	2.85	ng	#	76
9) 2-Methylphenol	8.06	107	14389	2.10	ng	#	92
10) 3+4-Methylphenols	8.38	107	20882	2.62	ng		92
13) Nitrobenzene	8.80	77	12349	2.11	ng	#	64
14) 2-Nitrophenol	9.52	139	6763	1.72	ng	#	83
15) 2,4-Dimethylphenol	9.58	122	14501	2.25	ng		92
16) 2,4-Dichlorophenol	10.04	162	15391	2.67	ng		91
17) Hexachlorobutadiene	10.72	225	11283	2.10	ng		99
18) 4-Chloro-3-methylphenol	11.67	107	14000	2.37	ng		98
21) 2,4,6-Trichlorophenol	12.69	196	8799	3.27	ng		95
22) 2,4,5-Trichlorophenol	12.75	196	10874	2.99	ng		87
25) 4-Nitrophenol	14.49	139	2886	4.43	ng		86
27) 4,6-Dinitro-2-methylphenol	15.39	198	3714	3.63	ng		91
28) Hexachlorobenzene	16.33	284	12594	1.81	ng	#	50
29) Pentachlorophenol	16.67	266	3082	6.02	ng		90
31) Benzidine	19.26	184	13530	2.84	ng	#	91
33) 3,3'-Dichlorobenzidine	21.13	252	19685	2.75	ng	#	82

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

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ALS Vial : 7 Sample Multiplier: 1

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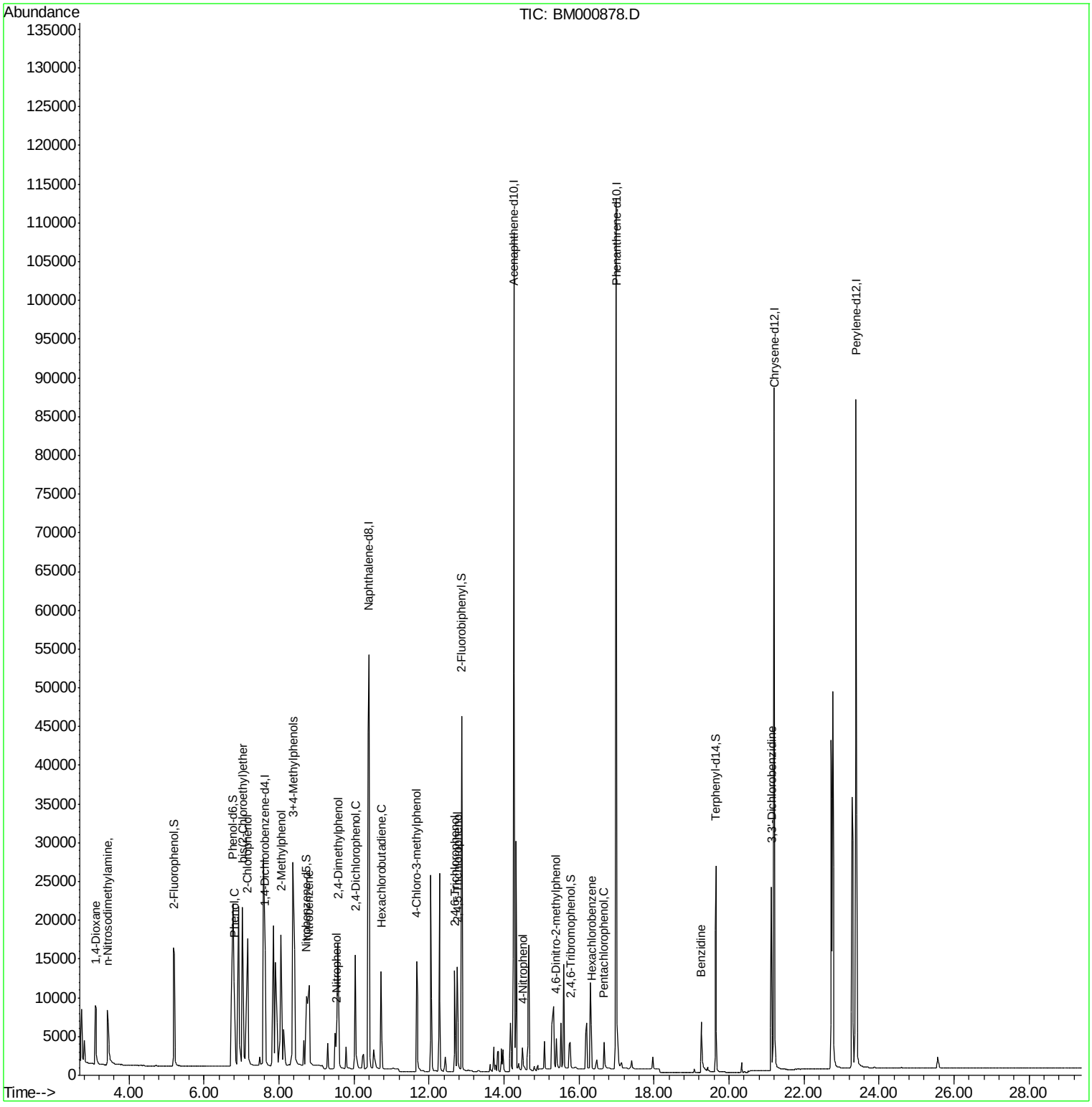
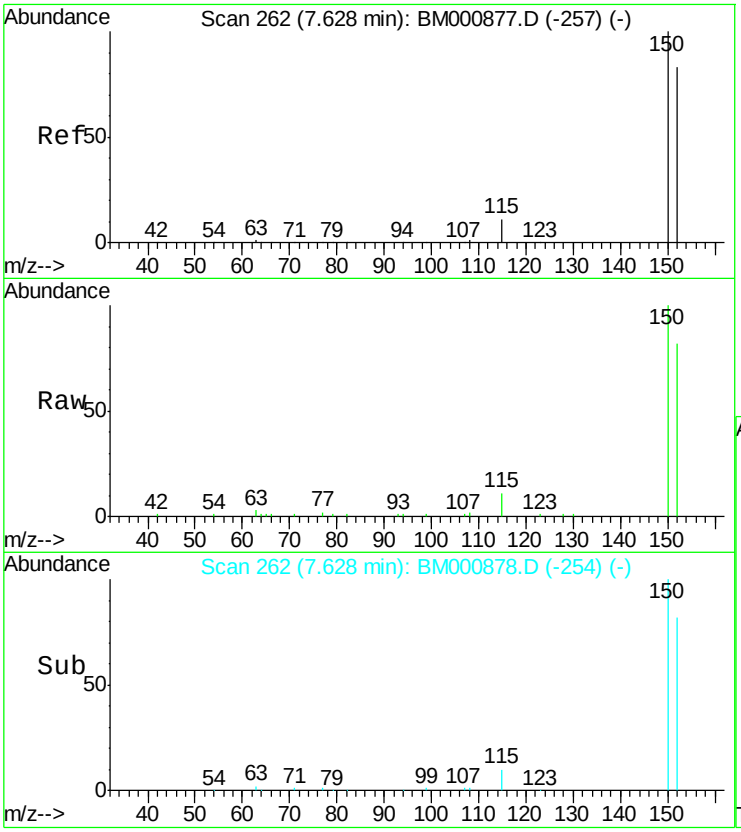


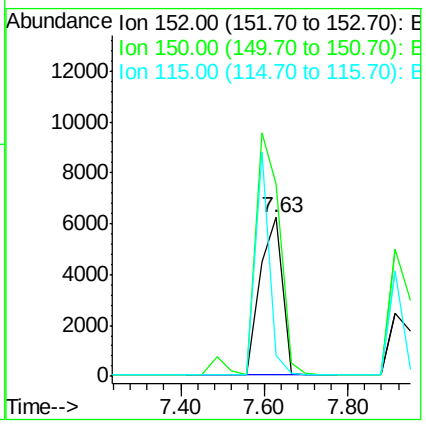


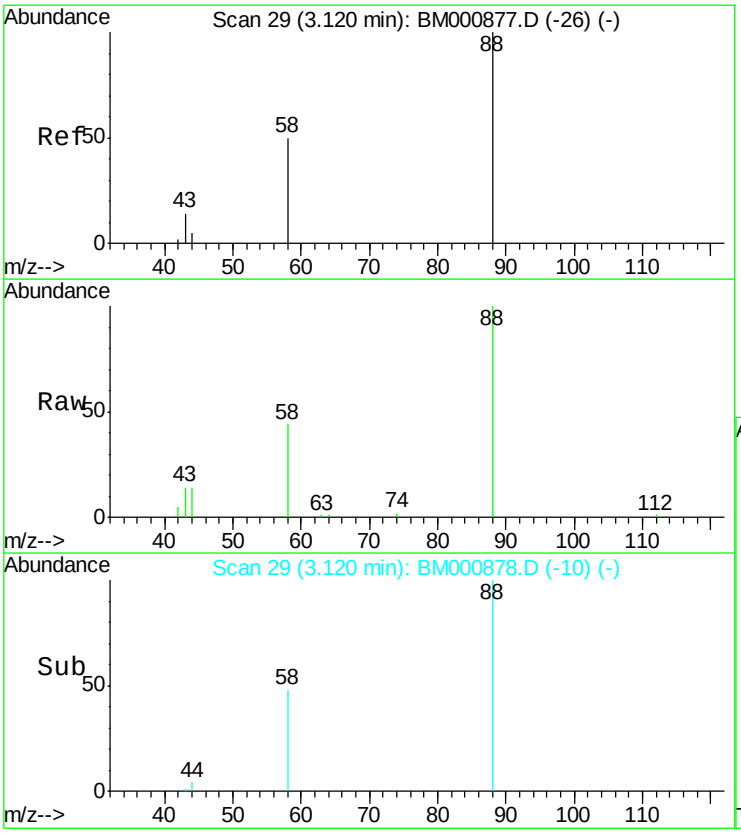
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 23013

Ion	Ratio	Lower	Upper
152	100		
150	121.4	96.5	144.7
115	13.0	11.9	17.9

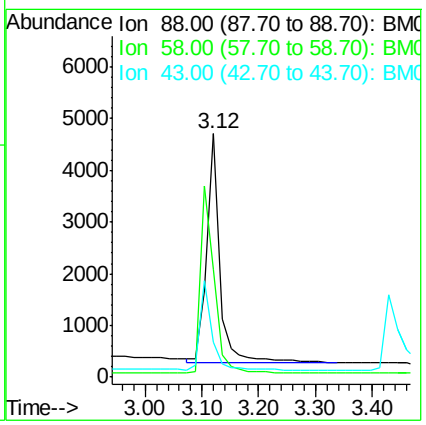


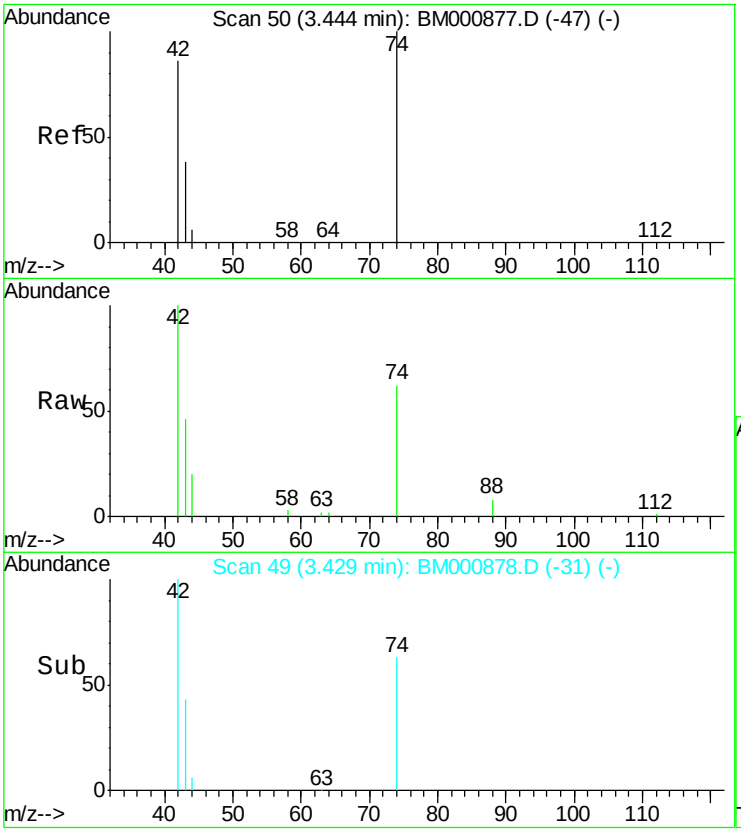


#2
1,4-Dioxane
Concen: 1.44 ng
RT: 3.12 min Scan# 29
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion: 88 Resp: 6957

Ion	Ratio	Lower	Upper
88	100		
58	85.5	56.7	85.1#
43	35.6	25.0	37.6



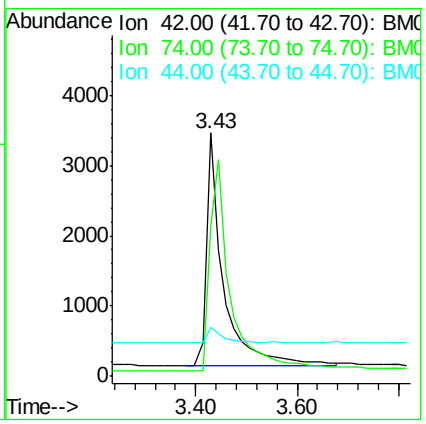


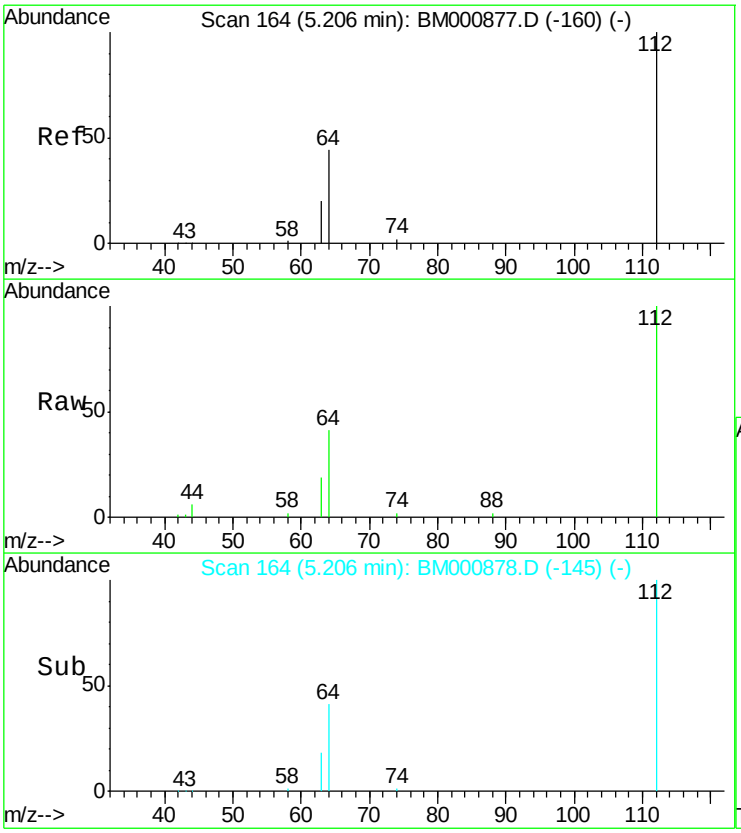
#3
n-Nitrosodimethylamine
Concen: 2.56 ng
RT: 3.43 min Scan# 49
Delta R.T. -0.02 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 42 Resp: 7706

Ion	Ratio	Lower	Upper
42	100		
74	61.9	81.0	121.4#
44	20.1	53.3	79.9#

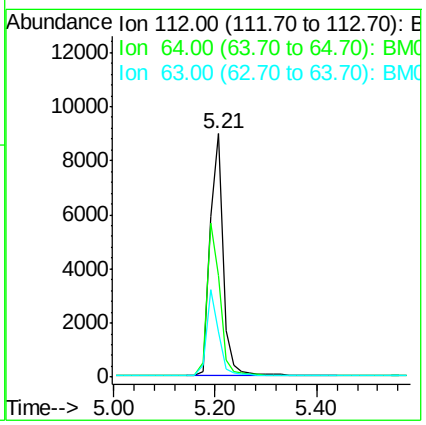


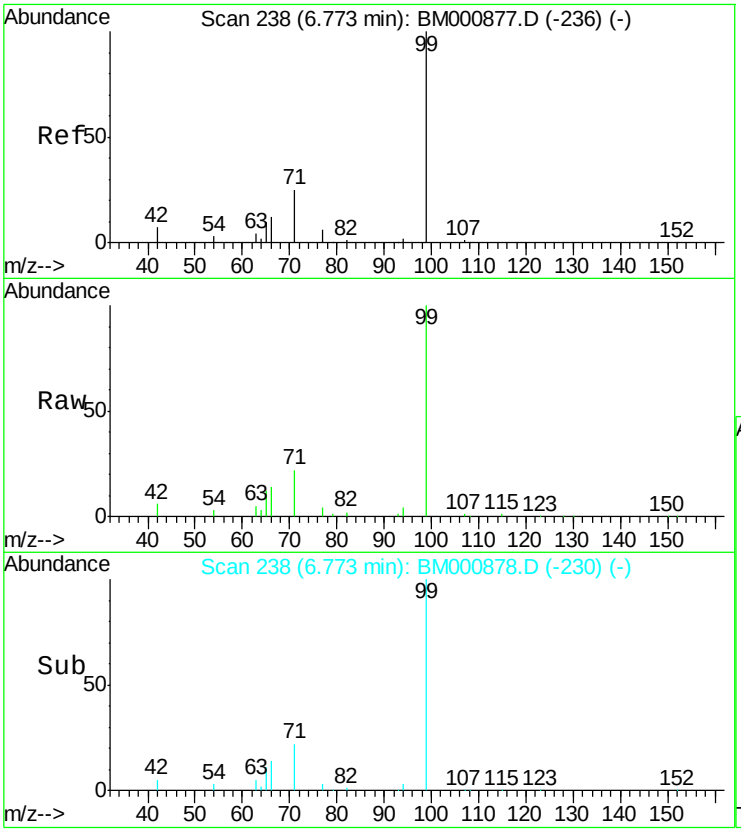


#4
2-Fluorophenol
Concen: 2.24 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion:112 Resp: 16437

Ion	Ratio	Lower	Upper
112	100		
64	41.5	35.7	53.5
63	18.5	17.0	25.4



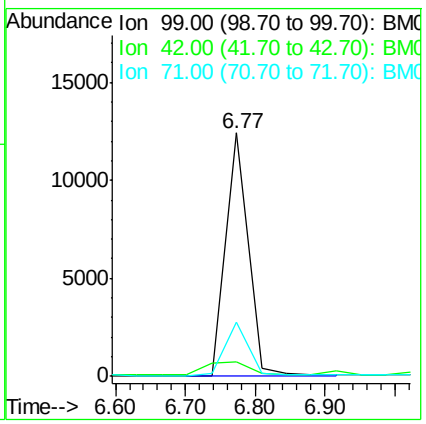


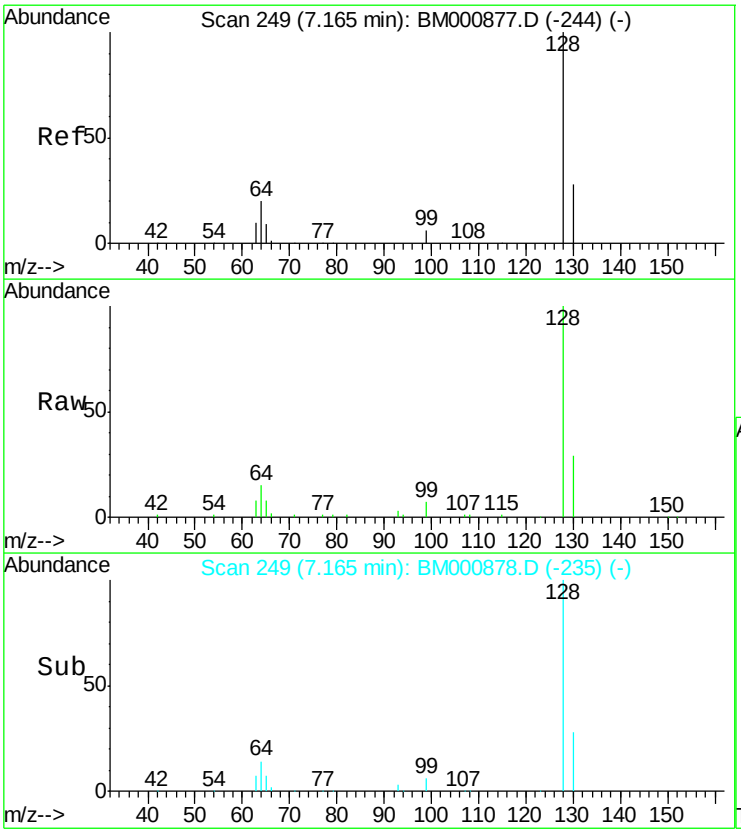
#5
Phenol-d6
Concen: 2.60 ng
RT: 6.77 min Scan# 238
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 99 Resp: 27636

Ion	Ratio	Lower	Upper
99	100		
42	5.7	7.5	11.3#
71	22.0	21.3	31.9

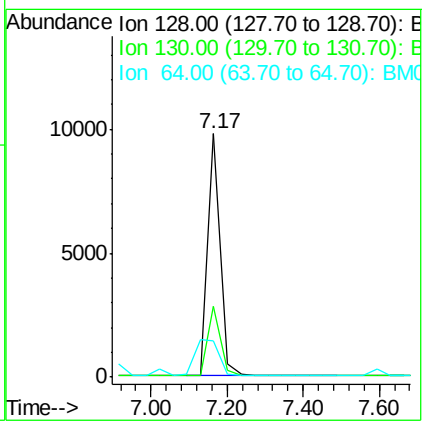


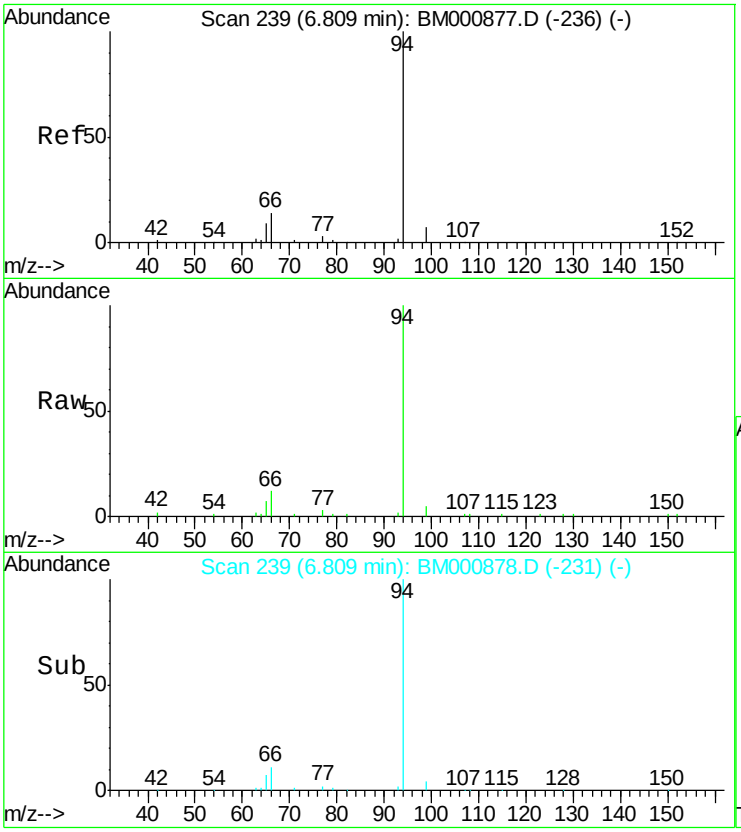


#6
2-Chlorophenol
Concen: 2.67 ng
RT: 7.17 min Scan# 249
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion:128 Resp: 22319

Ion	Ratio	Lower	Upper
128	100		
130	28.8	9.4	49.4
64	14.7	2.1	42.1



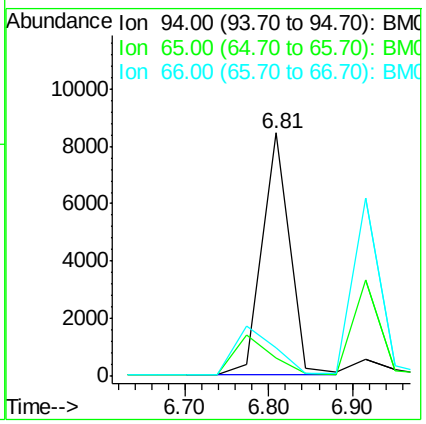


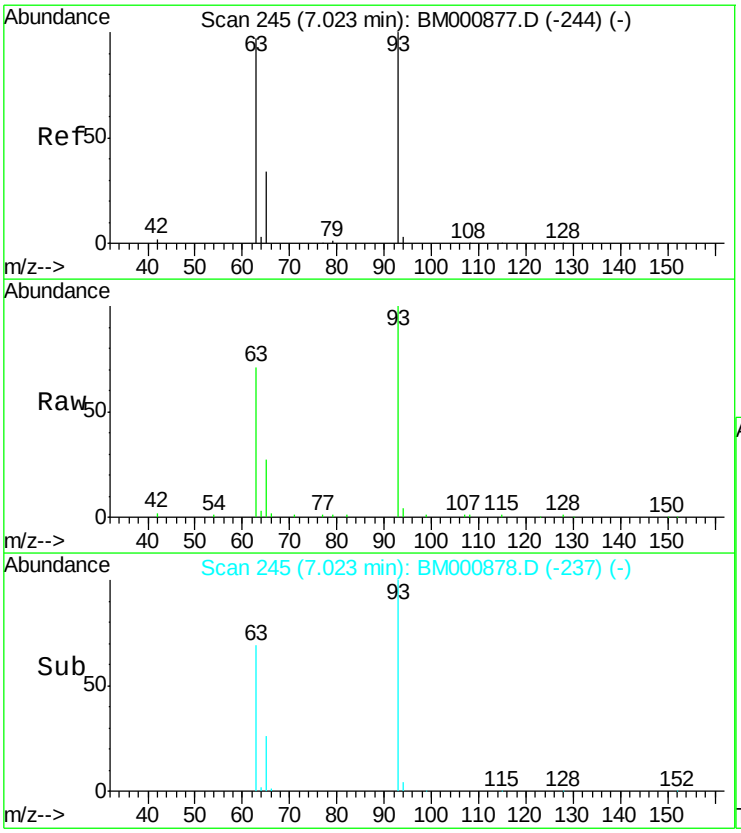
#7
Phenol
Concen: 2.07 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 94 Resp: 19465

Ion	Ratio	Lower	Upper
94	100		
65	7.3	0.0	30.9
66	11.6	0.0	35.8

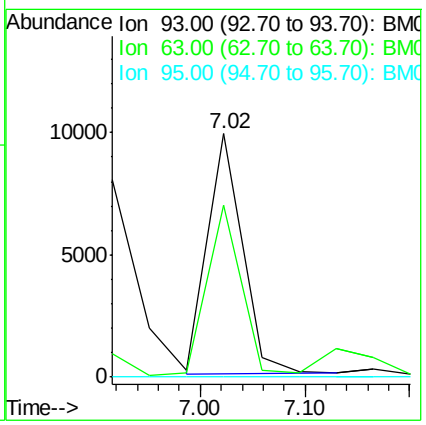


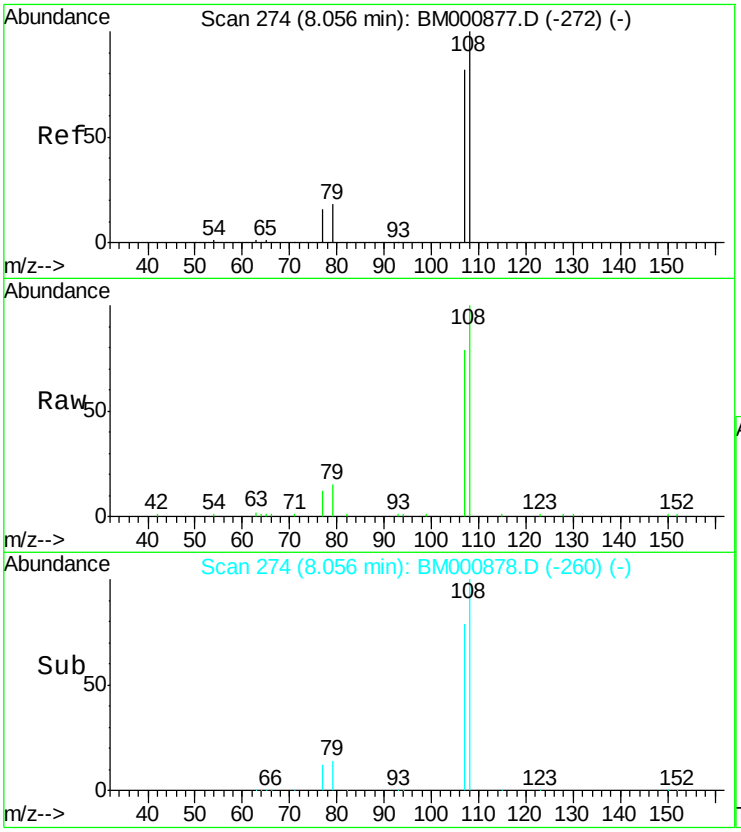


#8
bis(2-Chloroethyl)ether
Concen: 2.85 ng
RT: 7.02 min Scan# 245
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion: 93 Resp: 22608

Ion	Ratio	Lower	Upper
93	100		
63	70.5	73.3	113.3#
95	0.0	0.0	20.0



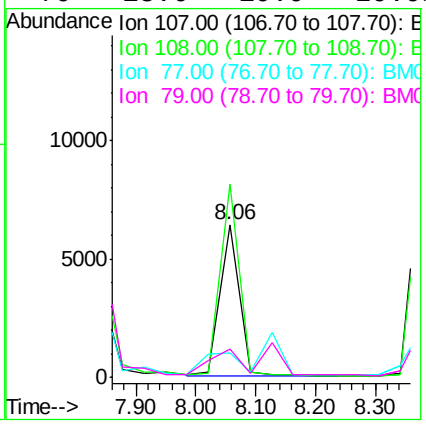


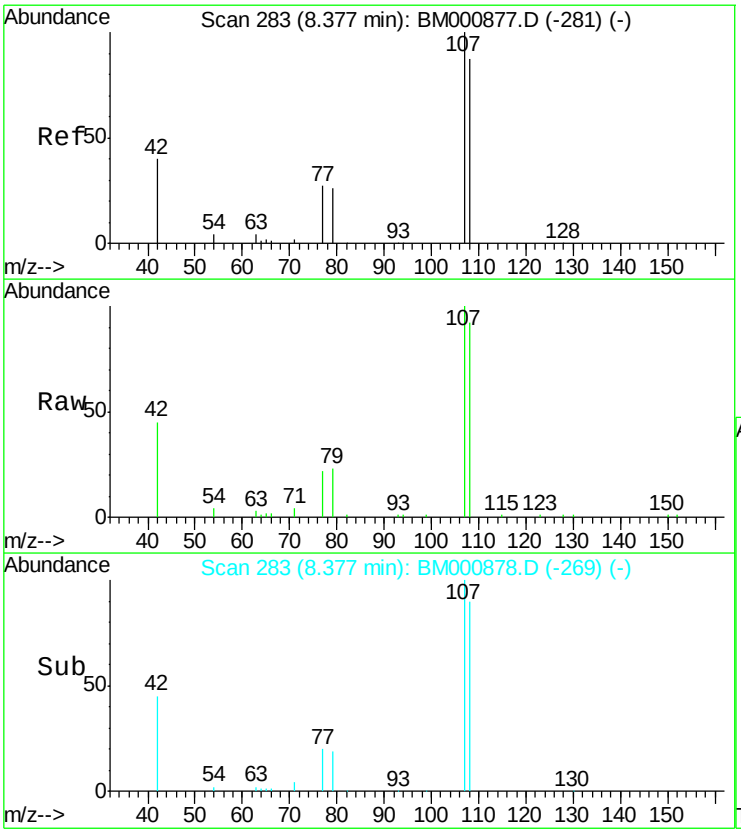
#9
2-Methylphenol
Concen: 2.10 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:107 Resp: 14389

Ion	Ratio	Lower	Upper
107	100		
108	126.9	96.7	145.1
77	15.7	18.3	27.5#
79	18.6	19.9	29.9#

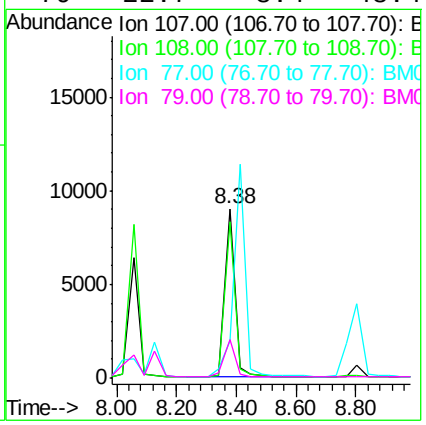


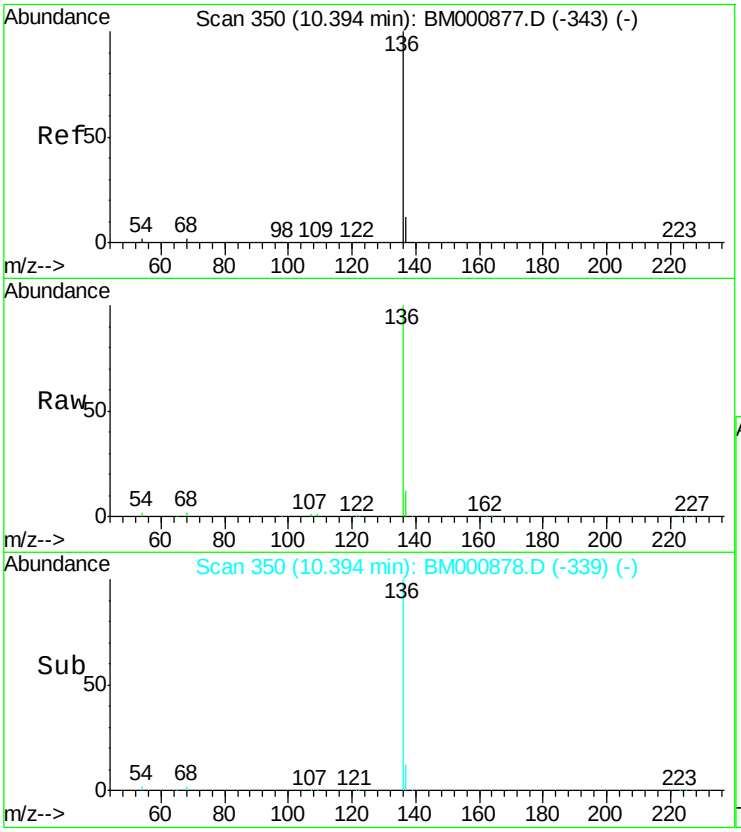


#10
3+4-Methylphenols
Concen: 2.62 ng
RT: 8.38 min Scan# 283
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion:107 Resp: 20882

Ion	Ratio	Lower	Upper
107	100		
108	92.3	67.6	107.6
77	22.1	10.0	50.0
79	22.7	8.4	48.4



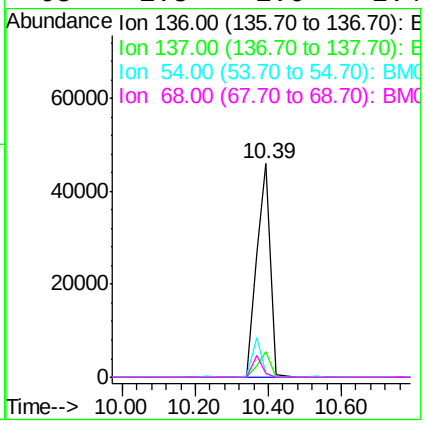


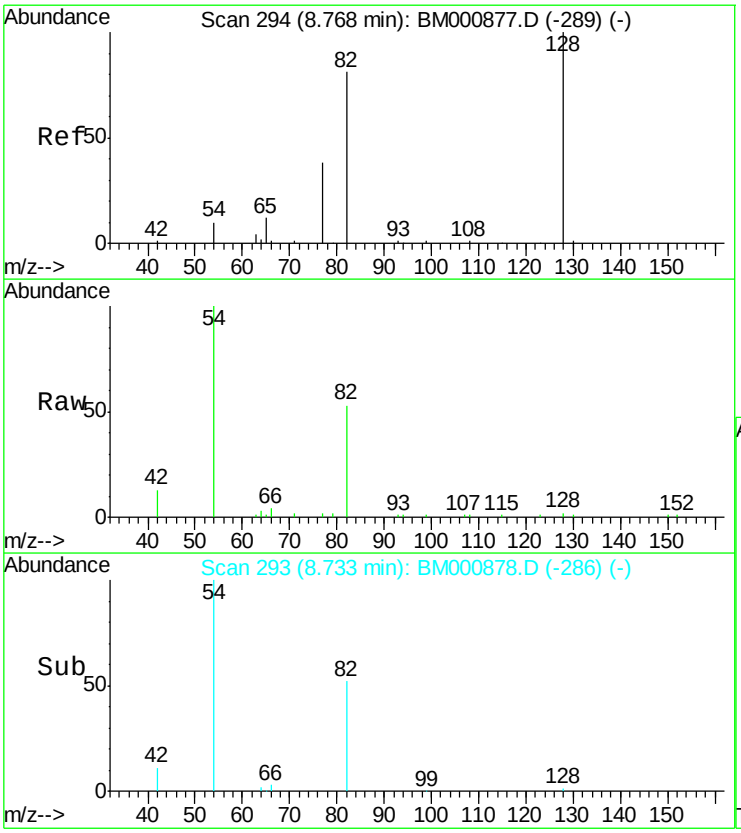
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:136 Resp: 120356

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	1.7	1.5	2.3
68	1.8	1.6	2.4

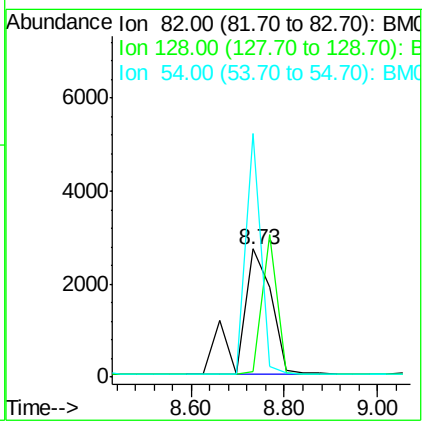


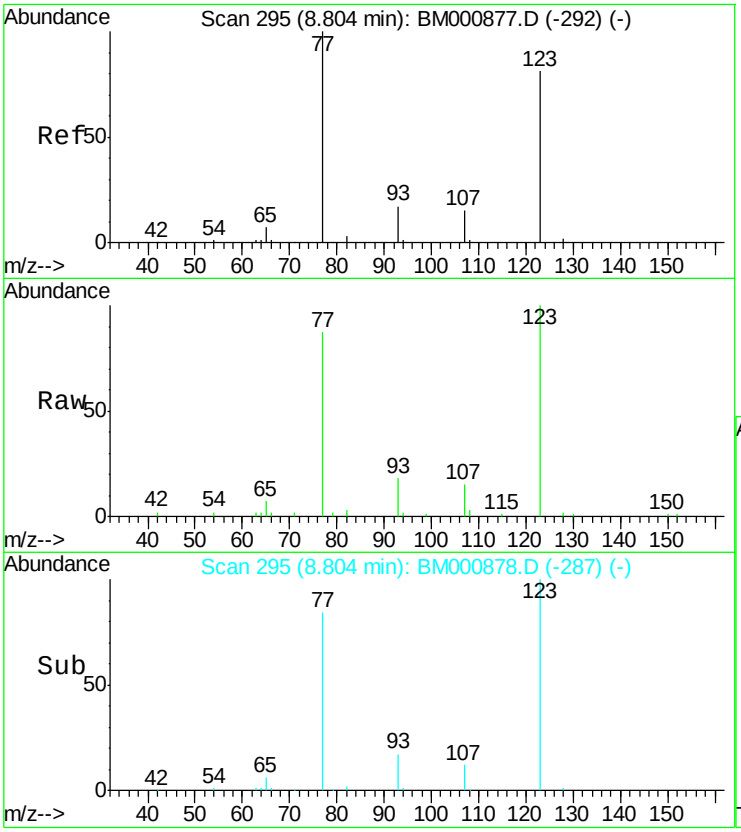


#12
Nitrobenzene-d5
Concen: 2.20 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.04 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion: 82 Resp: 12590

Ion	Ratio	Lower	Upper
82	100		
128	4.0	96.2	144.2#
54	190.4	15.0	22.6#



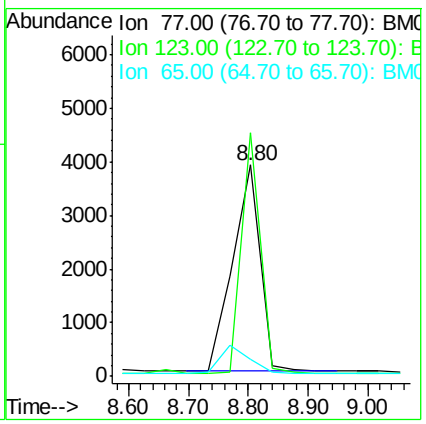


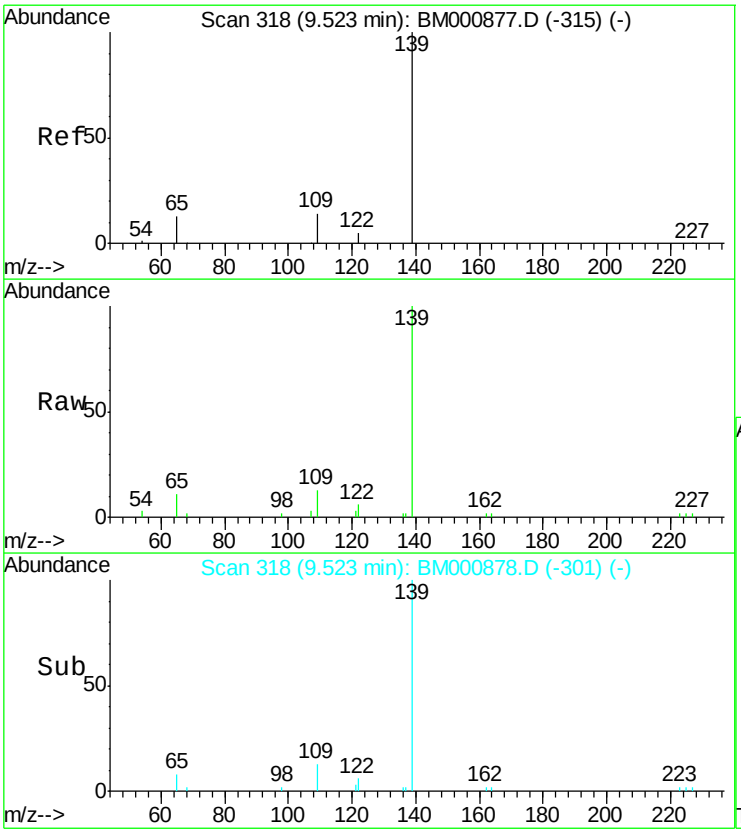
#13
Nitrobenzene
Concen: 2.11 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 77 Resp: 12349

Ion	Ratio	Lower	Upper
77	100		
123	115.2	64.0	96.0#
65	8.1	8.7	13.1#

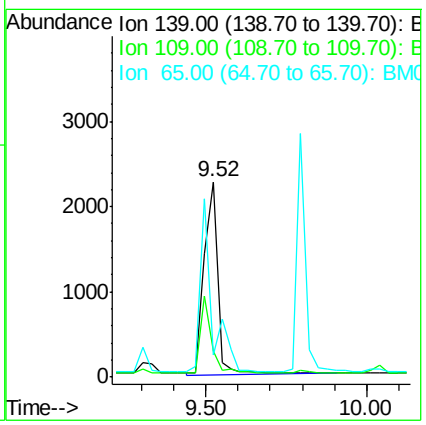


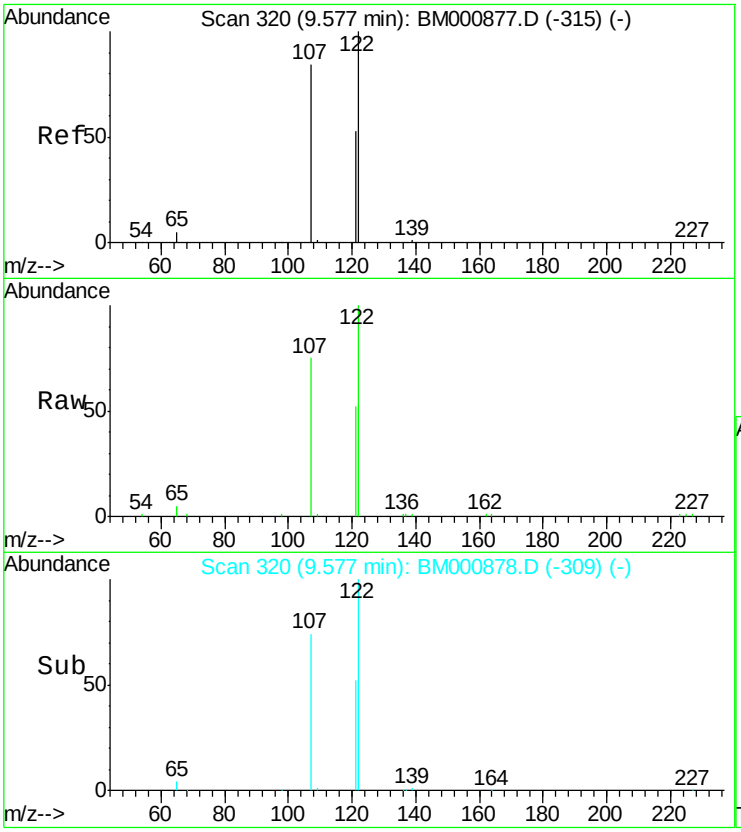


#14
2-Nitrophenol
Concen: 1.72 ng
RT: 9.52 min Scan# 318
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion:139 Resp: 6763

Ion	Ratio	Lower	Upper
139	100		
109	13.2	15.8	23.8#
65	11.1	16.2	24.2#



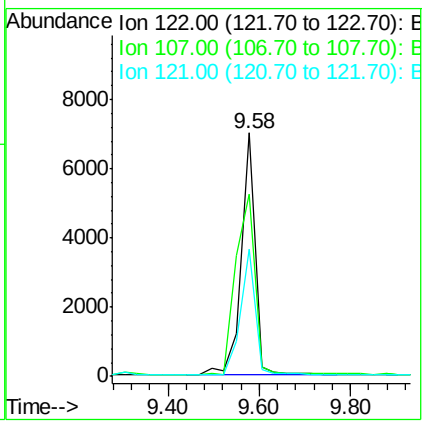


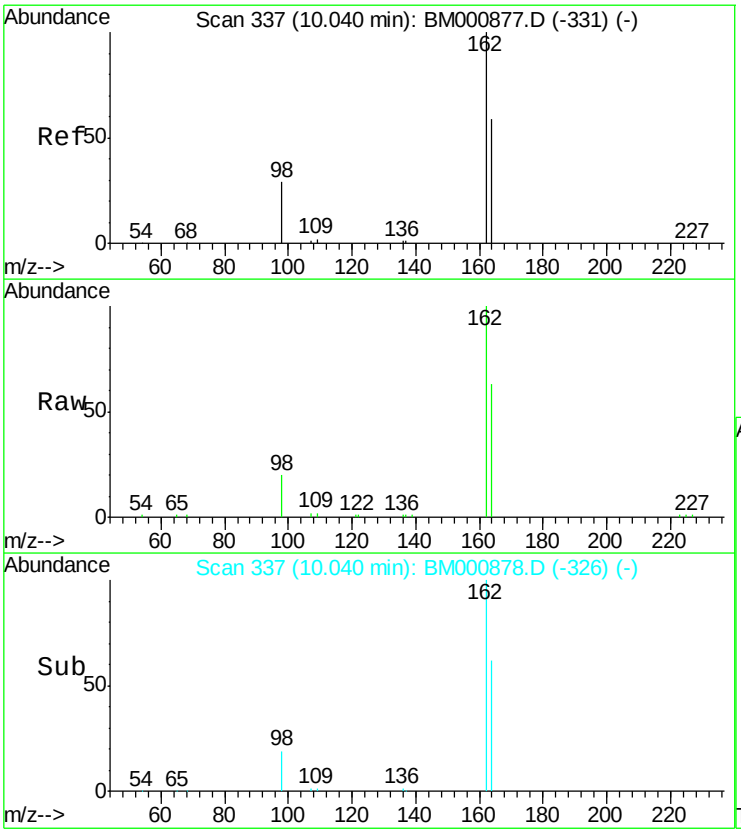
#15
2,4-Dimethylphenol
Concen: 2.25 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:122 Resp: 14501

Ion	Ratio	Lower	Upper
122	100		
107	74.8	67.4	101.2
121	52.1	43.5	65.3

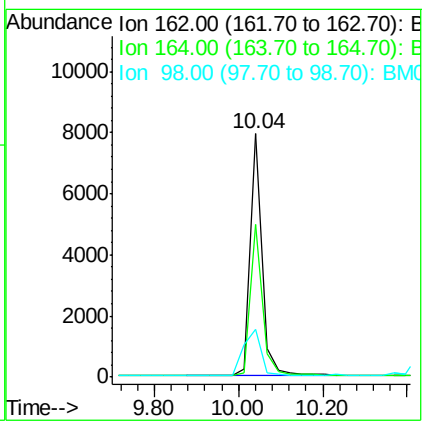


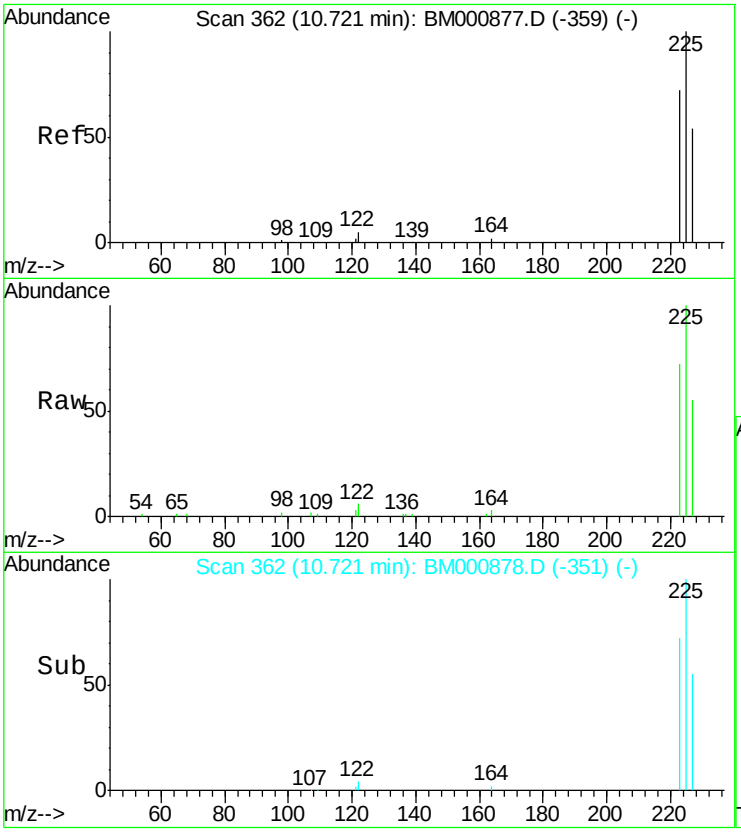


#16
2,4-Dichlorophenol
Concen: 2.67 ng
RT: 10.04 min Scan# 337
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion:162 Resp: 15391

Ion	Ratio	Lower	Upper
162	100		
164	62.6	39.9	79.9
98	19.8	11.3	51.3



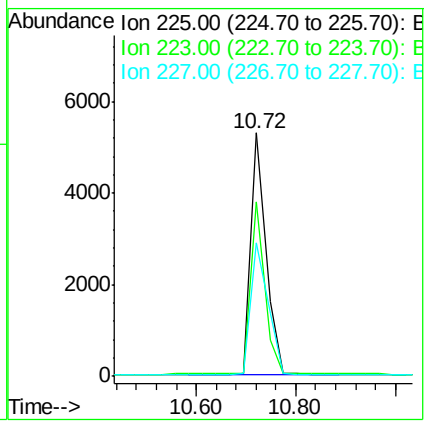


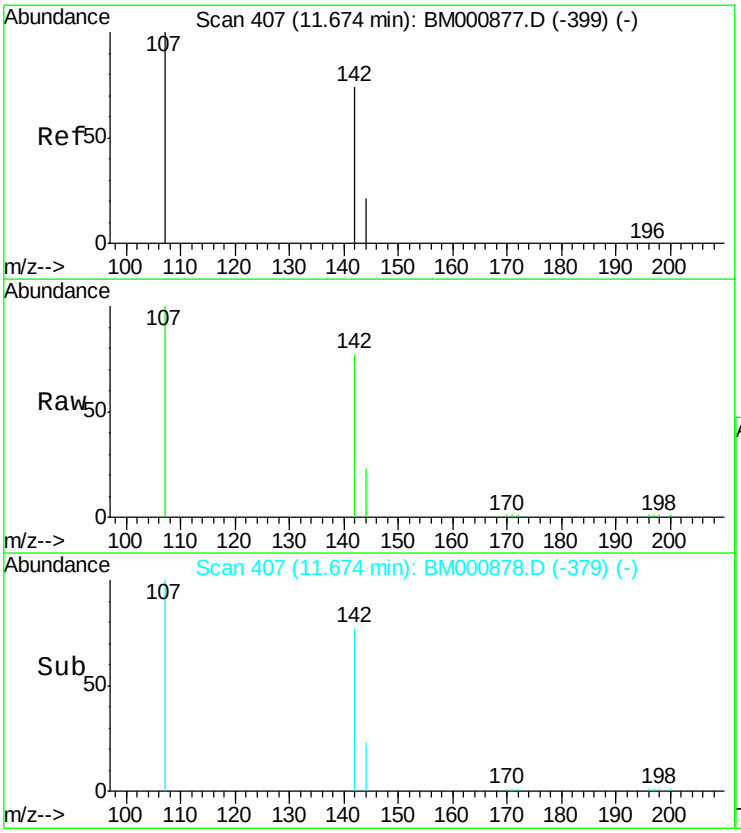
#17
Hexachlorobutadiene
Concen: 2.10 ng
RT: 10.72 min Scan# 362
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:225 Resp: 11283

Ion	Ratio	Lower	Upper
225	100		
223	71.8	58.3	87.5
227	55.1	44.5	66.7

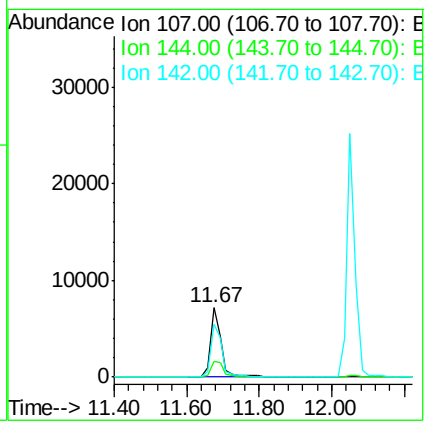


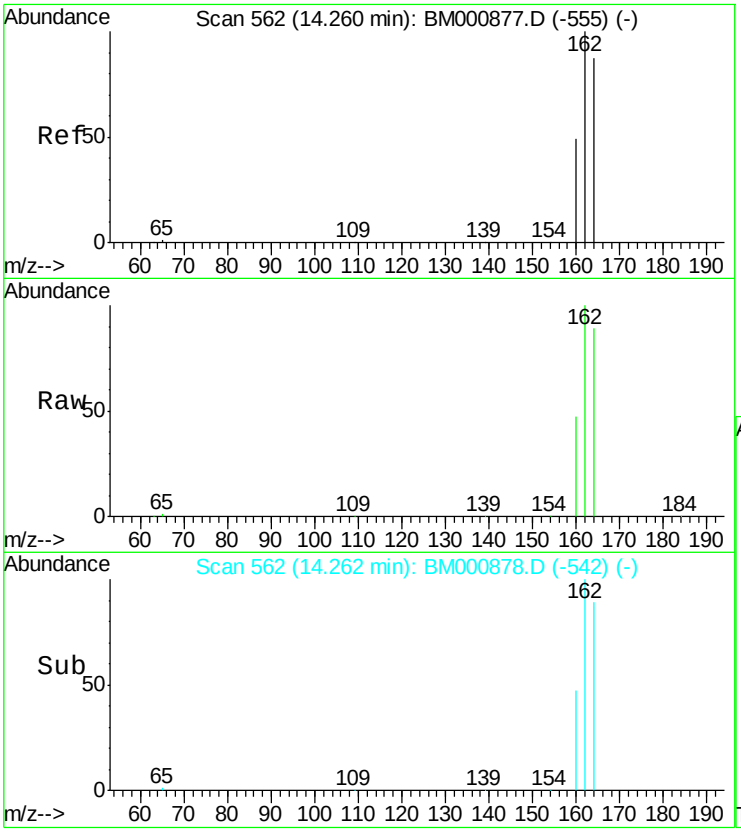


#18
4-Chloro-3-methylphenol
Concen: 2.37 ng
RT: 11.67 min Scan# 407
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion:107 Resp: 14000

Ion	Ratio	Lower	Upper
107	100		
144	22.8	18.4	27.6
142	76.7	59.9	89.9



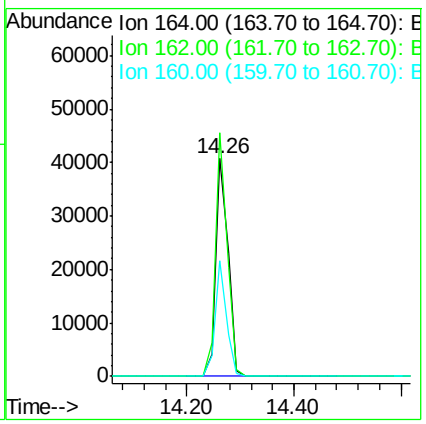


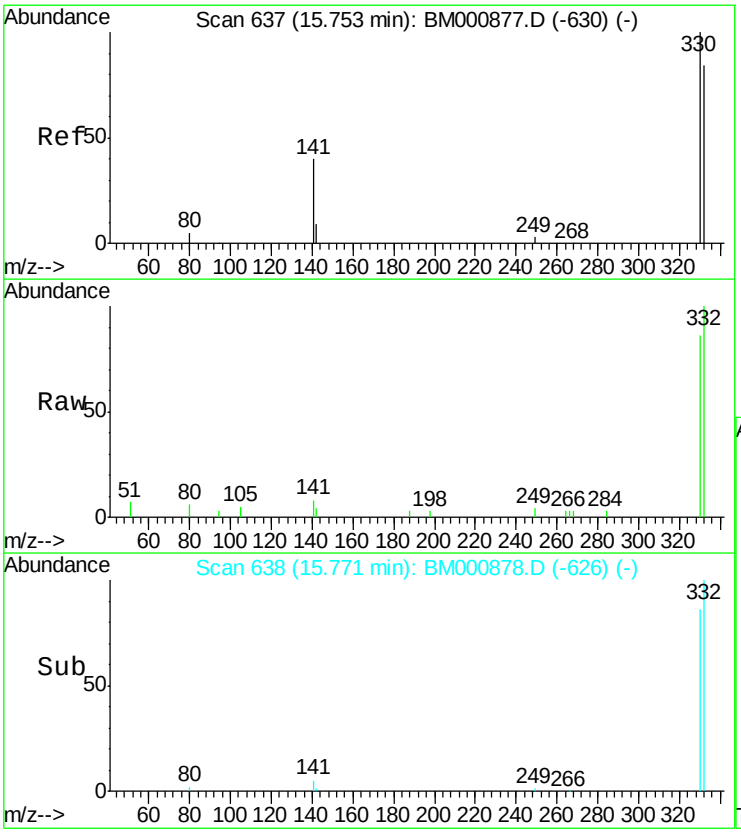
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:164 Resp: 64301

Ion	Ratio	Lower	Upper
164	100		
162	112.0	91.8	137.6
160	53.0	44.6	67.0

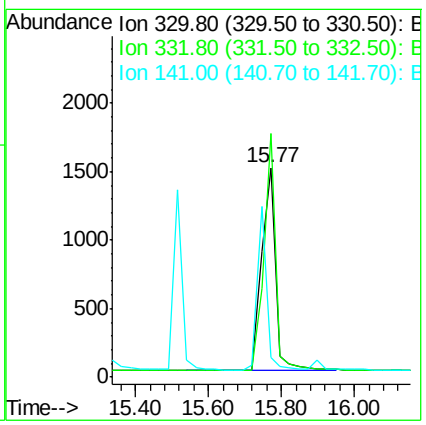


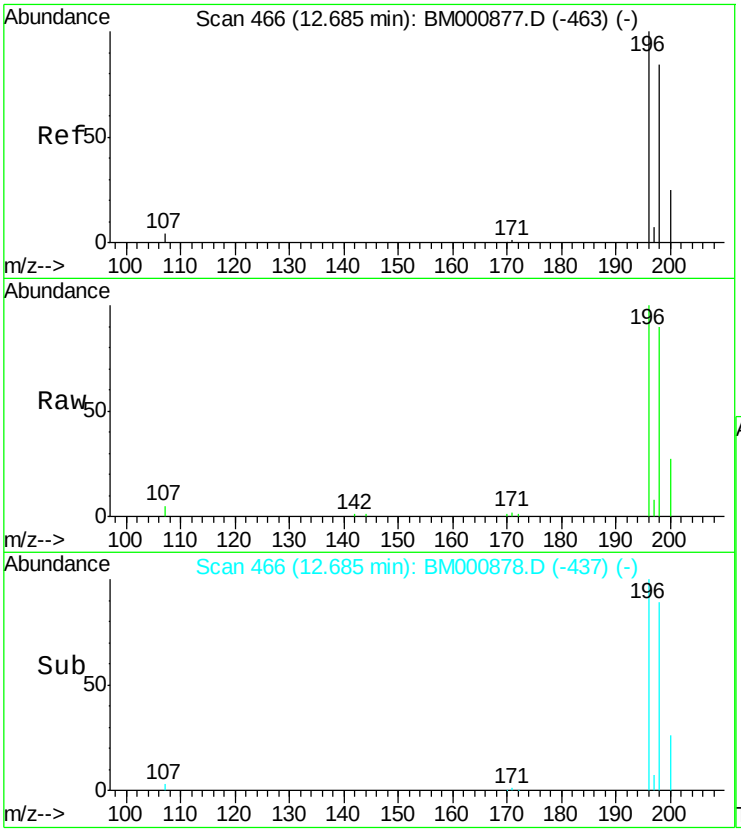


#20
2,4,6-Tribromophenol
Concen: 2.57 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion:330 Resp: 3981

Ion	Ratio	Lower	Upper
330	100		
332	99.0	72.6	109.0
141	0.0	29.8	44.6#



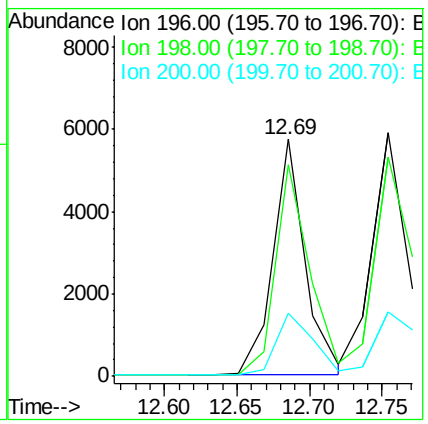


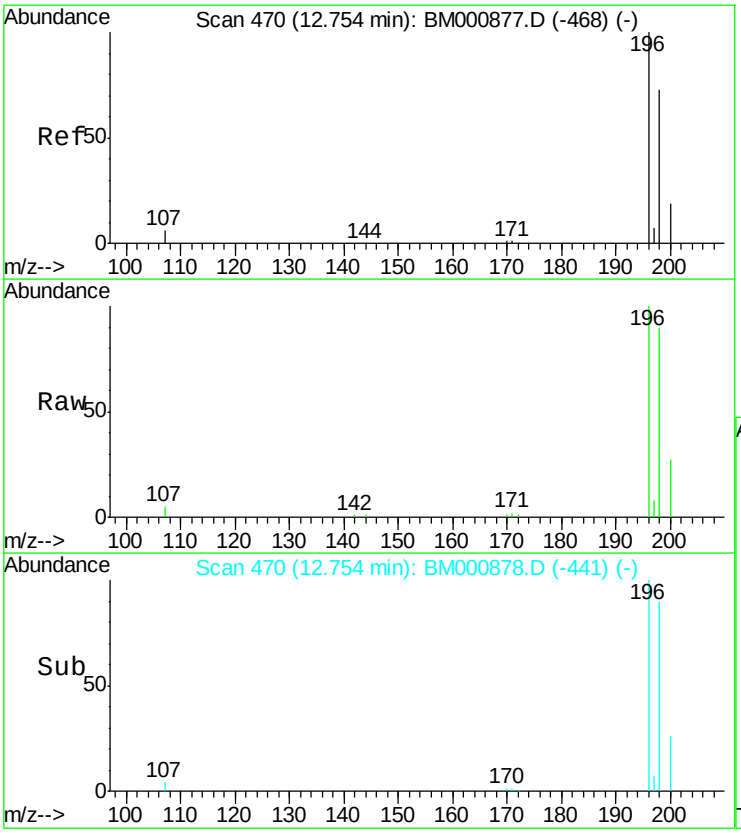
#21
2,4,6-Trichlorophenol
Concen: 3.27 ng
RT: 12.69 min Scan# 466
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:196 Resp: 8799

Ion	Ratio	Lower	Upper
196	100		
198	89.6	67.5	101.3
200	26.9	22.1	33.1

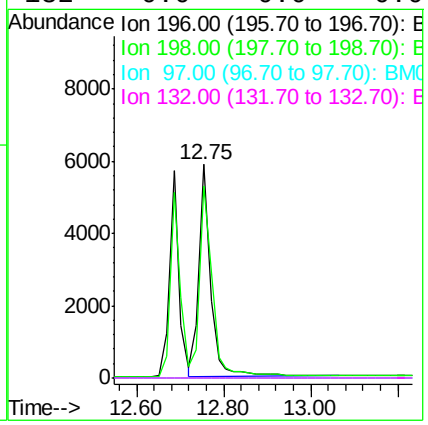


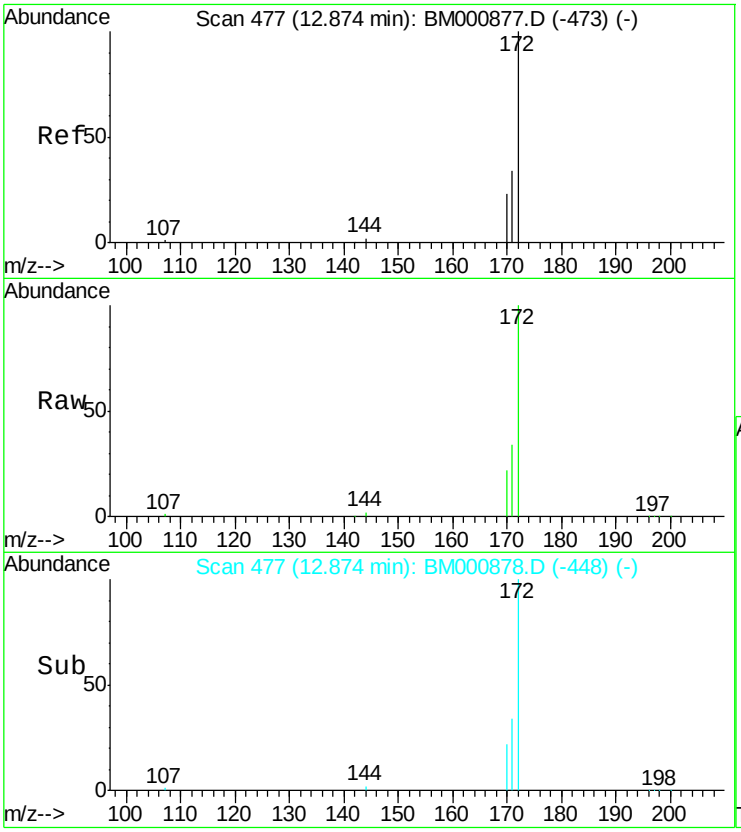


#22
2,4,5-Trichlorophenol
Concen: 2.99 ng
RT: 12.75 min Scan# 470
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion:196 Resp: 10874

Ion	Ratio	Lower	Upper
196	100		
198	89.9	62.7	94.1
97	0.0	0.0	0.0
132	0.0	0.0	0.0



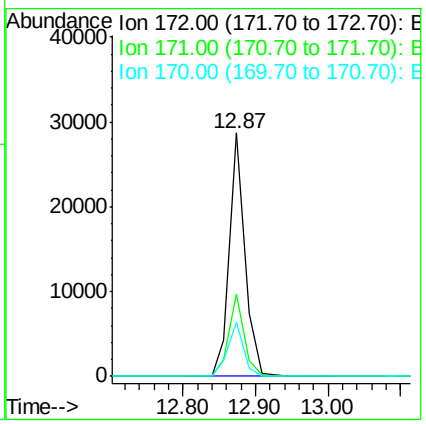


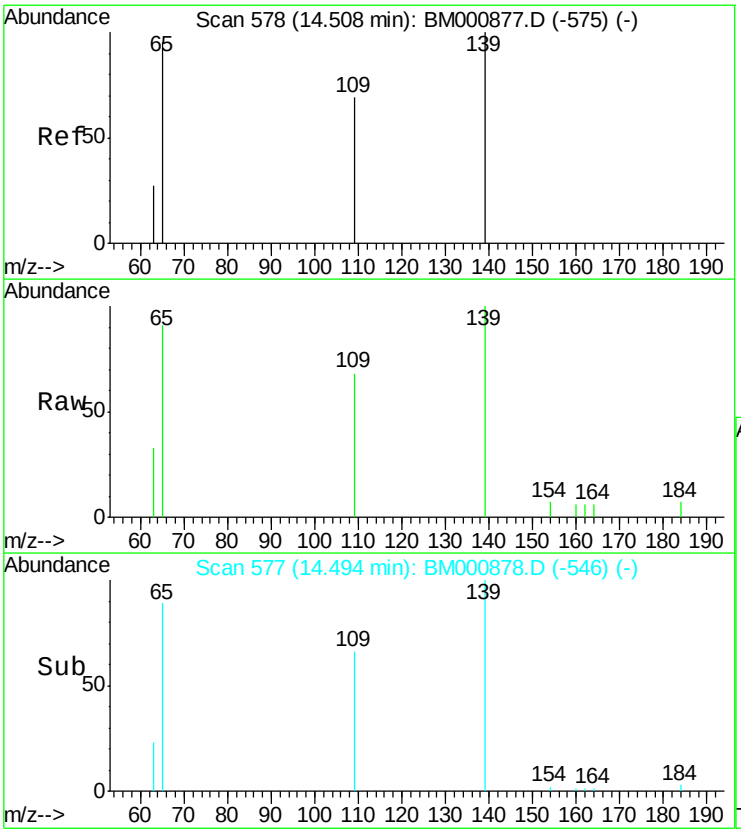
#23
2-Fluorobiphenyl
Concen: 2.14 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:172 Resp: 42009

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.8
170	22.2	19.0	28.6

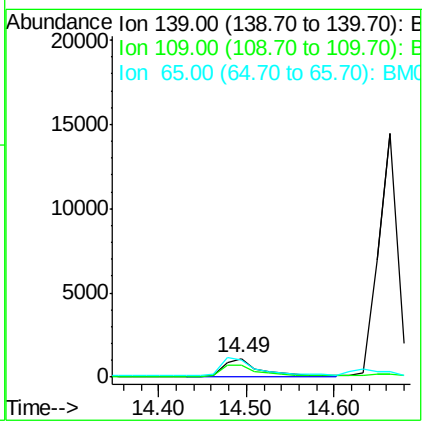


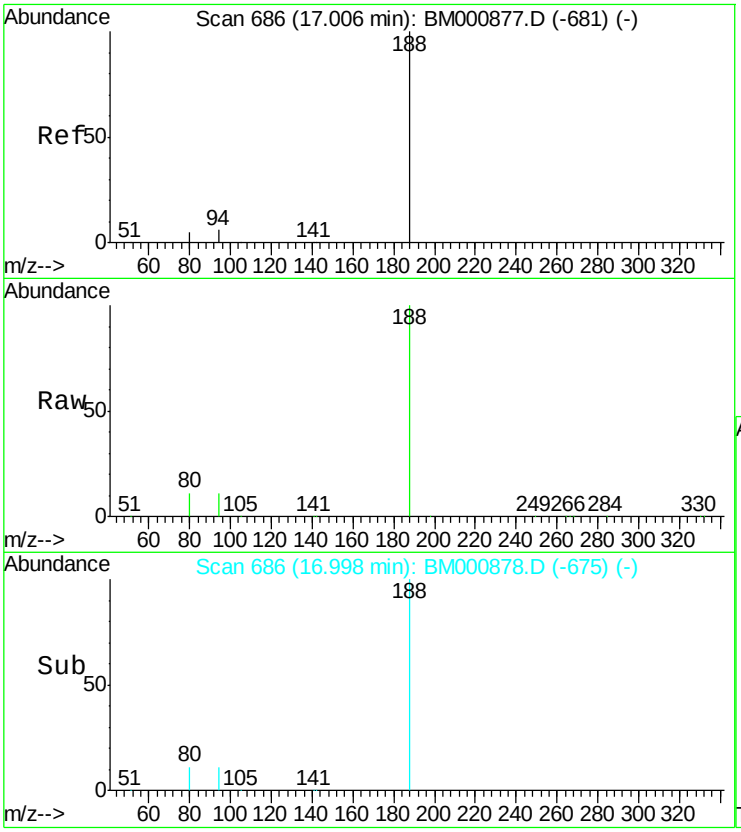


#25
4-Nitrophenol
Concen: 4.43 ng
RT: 14.49 min Scan# 577
Delta R.T. -0.01 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion:139 Resp: 2886

Ion	Ratio	Lower	Upper
139	100		
109	67.6	58.4	98.4
65	91.2	87.7	127.7



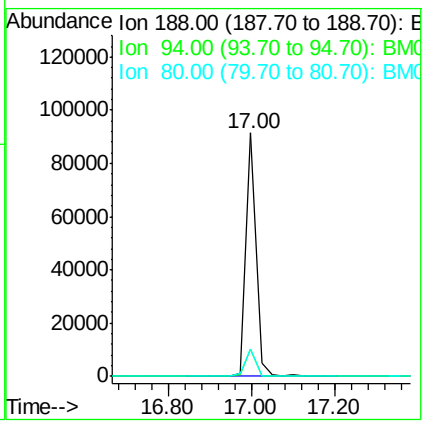


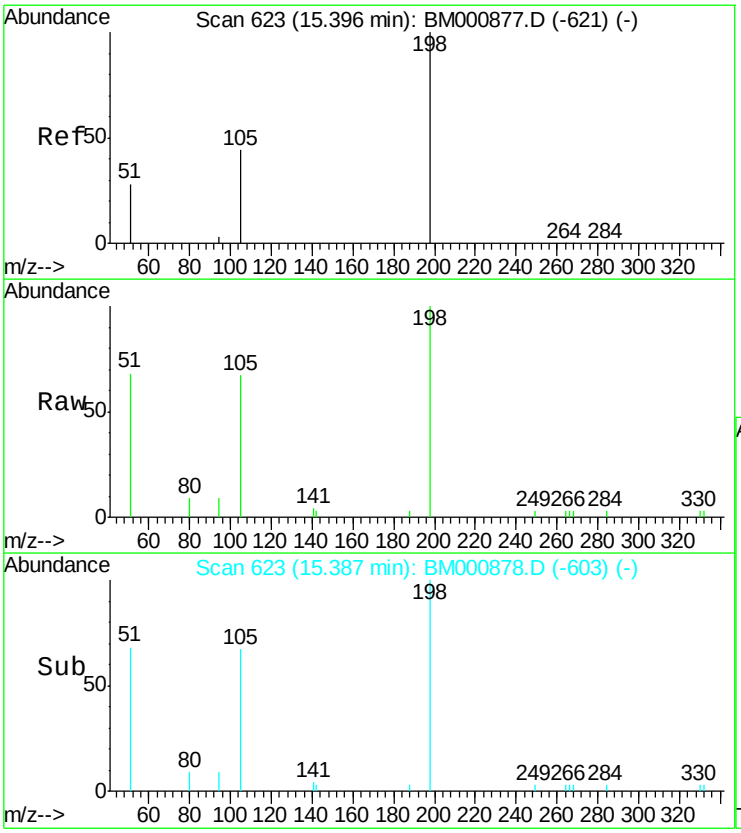
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:188 Resp: 151640

Ion	Ratio	Lower	Upper
188	100		
94	11.1	4.9	7.3#
80	11.4	4.4	6.6#

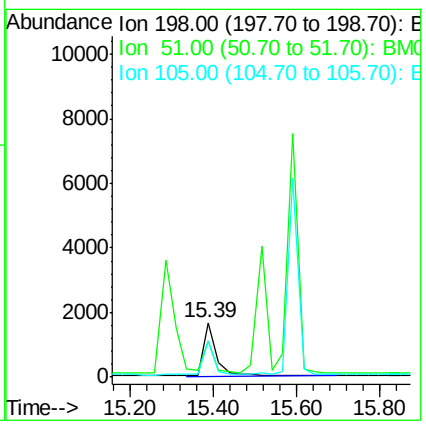


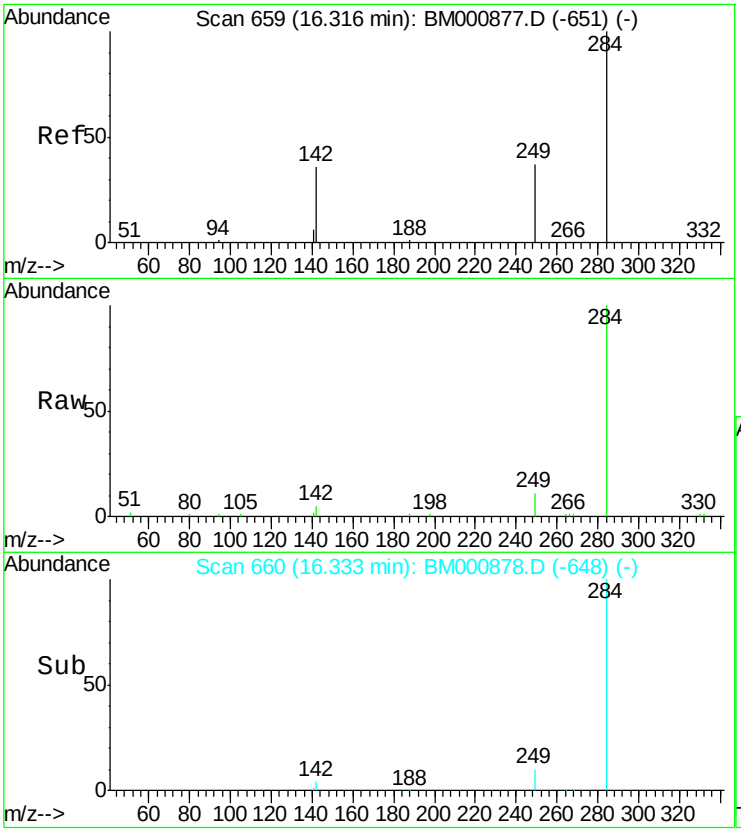


#27
4,6-Dinitro-2-methylphenol
Concen: 3.63 ng
RT: 15.39 min Scan# 623
Delta R.T. -0.01 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion:198 Resp: 3714

Ion	Ratio	Lower	Upper
198	100		
51	67.7	44.6	84.6
105	67.0	36.0	76.0



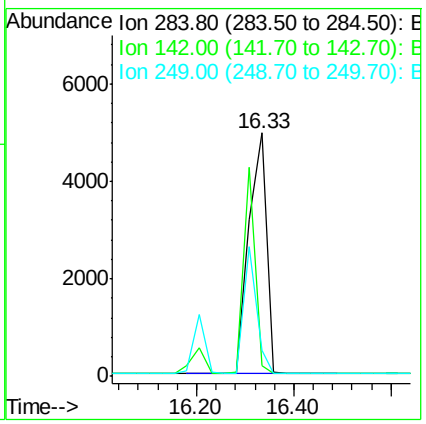


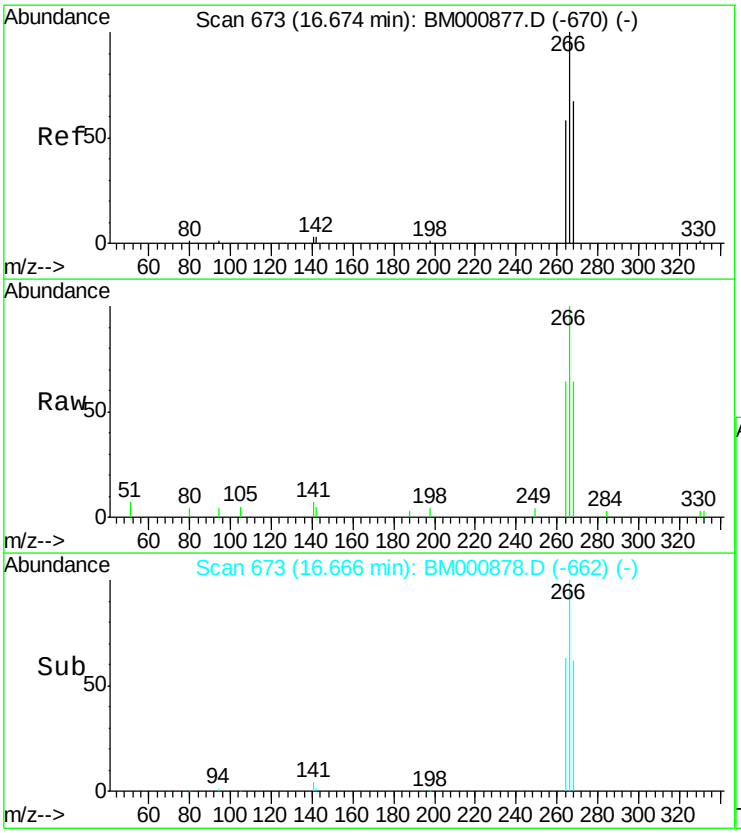
#28
Hexachlorobenzene
Concen: 1.81 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.02 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:284 Resp: 12594

Ion	Ratio	Lower	Upper
284	100		
142	4.6	29.8	44.8#
249	10.8	31.0	46.4#

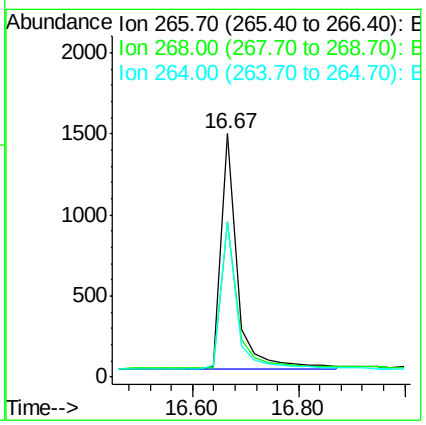


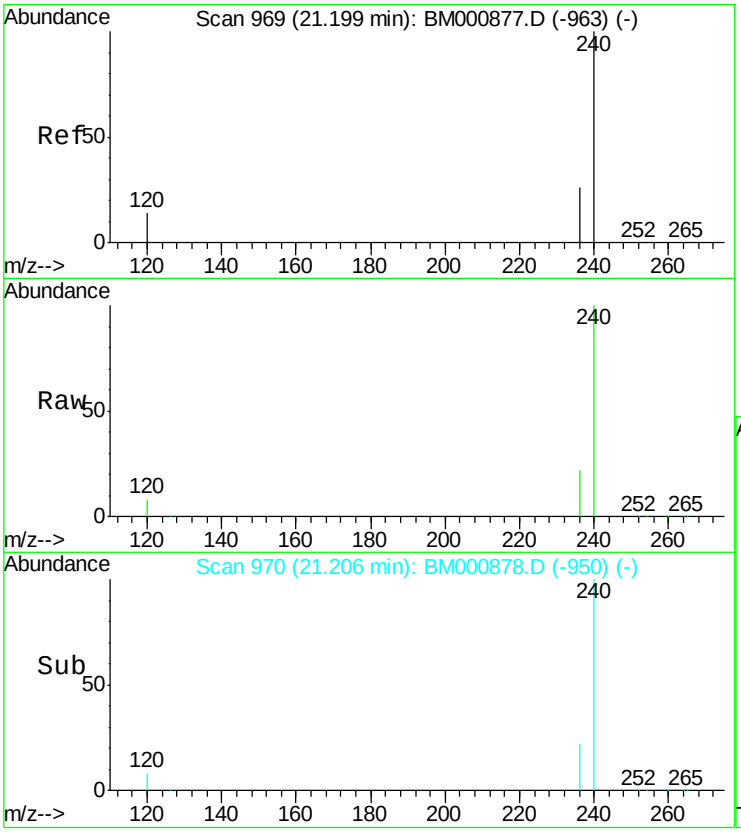


#29
Pentachlorophenol
Concen: 6.02 ng
RT: 16.67 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion:266 Resp: 3082

Ion	Ratio	Lower	Upper
266	100		
268	63.9	61.8	92.8
264	63.6	53.8	80.6



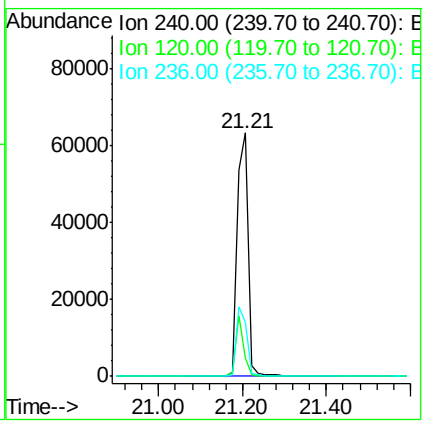


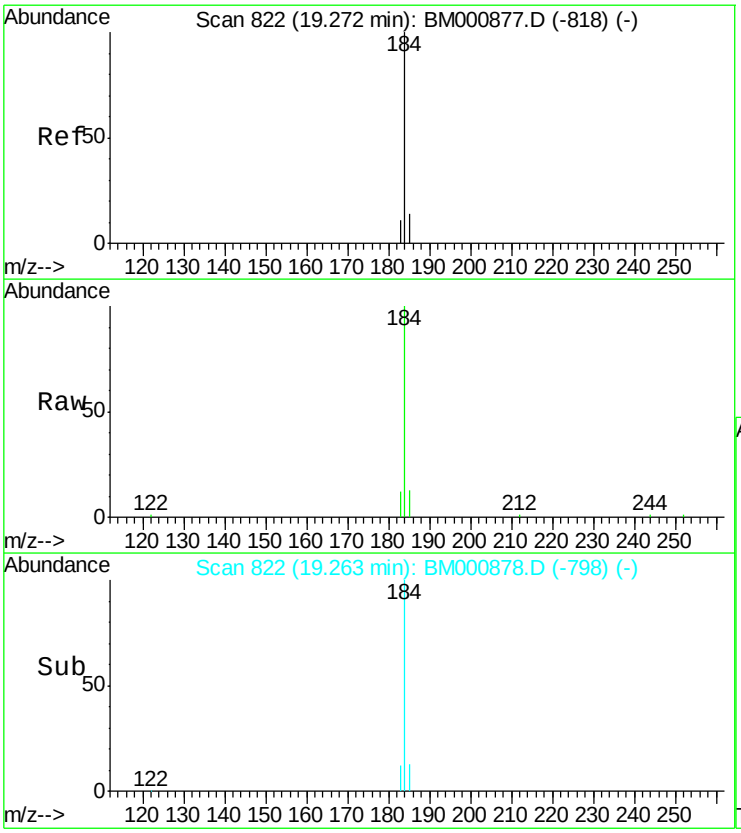
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:240 Resp: 114979

Ion	Ratio	Lower	Upper
240	100		
120	7.6	11.1	16.7#
236	22.1	20.9	31.3

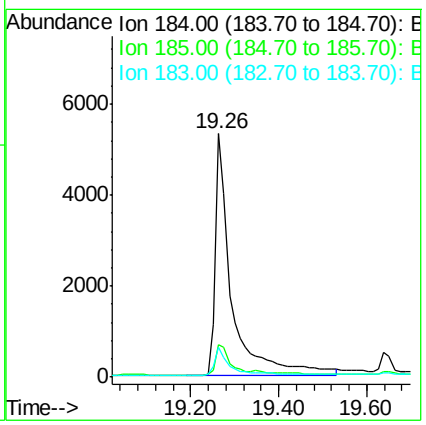


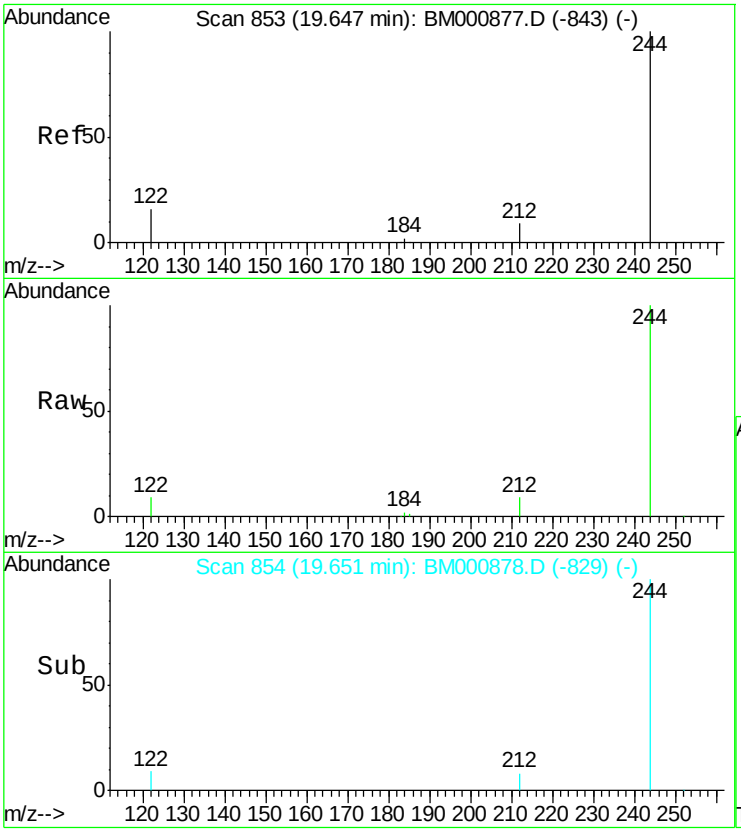


#31
Benzidine
Concen: 2.84 ng
RT: 19.26 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion:184 Resp: 13530

Ion	Ratio	Lower	Upper
184	100		
185	13.4	14.4	21.6#
183	12.4	12.6	19.0#



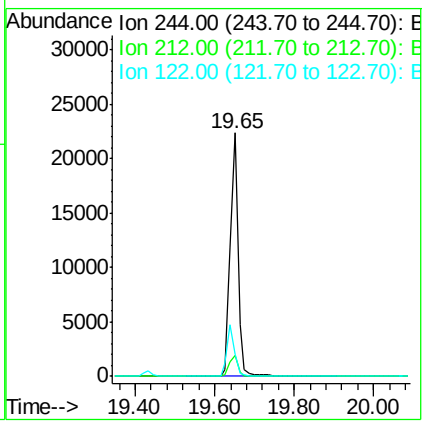


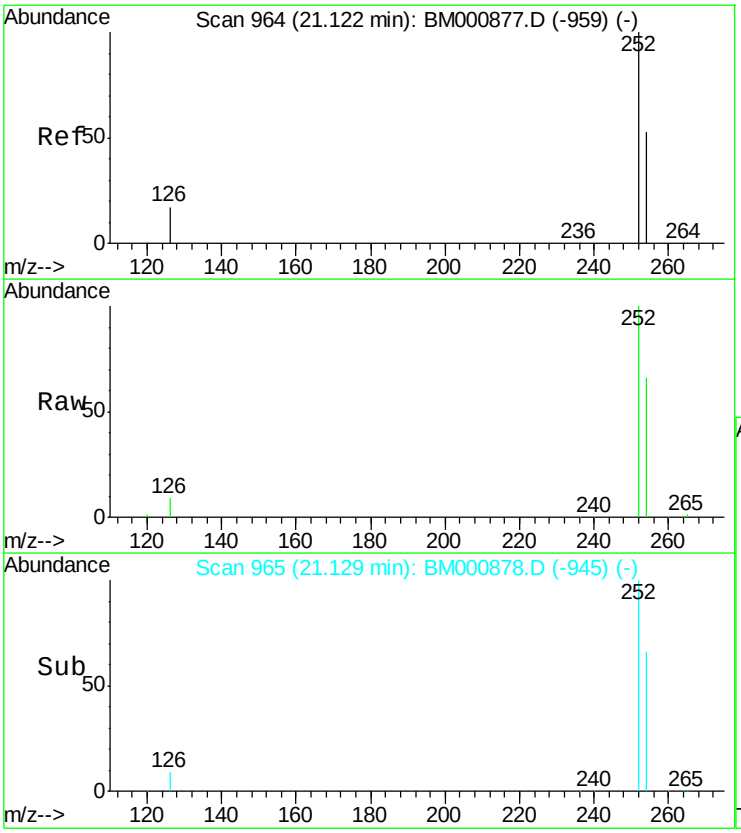
#32
Terphenyl-d14
Concen: 2.15 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:244 Resp: 29627

Ion	Ratio	Lower	Upper
244	100		
212	8.6	8.1	12.1
122	8.9	13.6	20.4#

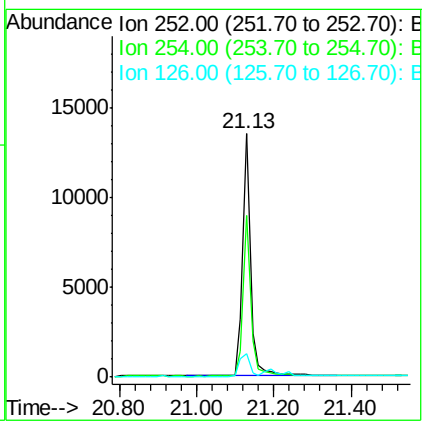


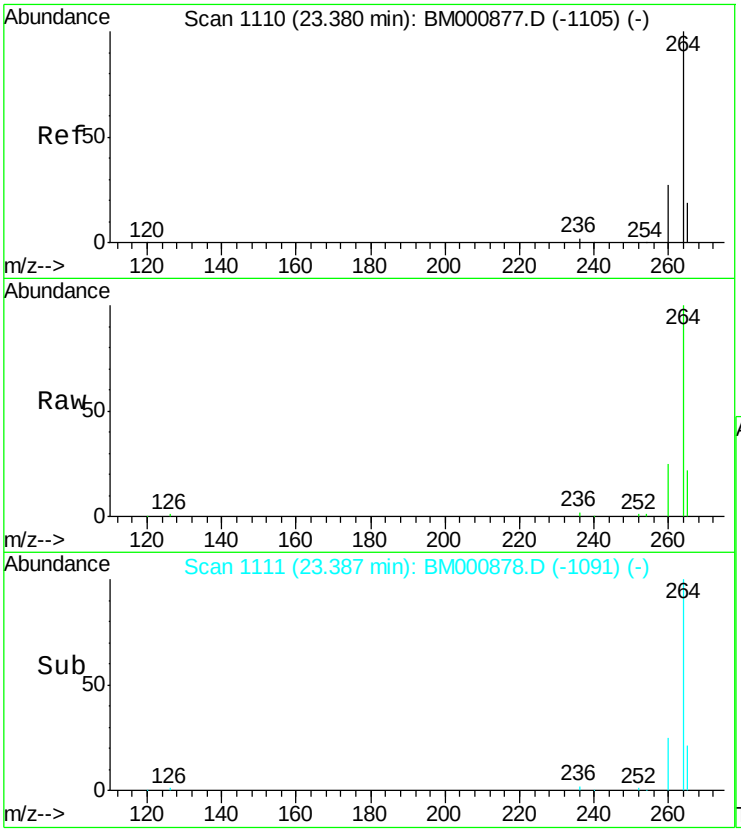


#33
3,3'-Dichlorobenzidine
Concen: 2.75 ng
RT: 21.13 min Scan# 965
Delta R.T. 0.01 min
Lab File: BM000878.D
Acq: 07 Apr 2015 14:02

Tgt Ion:252 Resp: 19685

Ion	Ratio	Lower	Upper
252	100		
254	66.2	43.2	64.8#
126	9.4	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: BM000878.D
Acq: 07 Apr 2015 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:264 Resp: 106638

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.6	32.4
265	21.5	16.1	24.1