Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040715\
Data File : BM000877.D
Acq On : 07 Apr 2015 13:27
Operator : TP/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC001

Quant Time: Apr 07 14:36:11 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	15467	5.00	ng	0.00
11) Naphthalene-d8	10.39	136	77212	5.00	ng	0.00
19) Acenaphthene-d10	14.26	164	41936	5.00	ng	0.00
26) Phenanthrene-d10	17.01	188	92382	5.00	ng	0.00
30) Chrysene-d12	21.20	240	82076	5.00	ng	0.00
34) Perylene-d12	23.38	264	74028	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	5031	1.16	ng	0.00
5) Phenol-d6	6.77	99	7704	1.25	ng	0.00
12) Nitrobenzene-d5	8.77	82	3568	0.99	ng	0.00
20) 2,4,6-Tribromophenol	15.75	330	1166	0.96	ng	0.00
23) 2-Fluorobiphenyl	12.87	172	12881	1.00	ng	0.00
32) Terphenyl-d14	19.65	244	10108	1.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	2619	1.08	ng	100
3) n-Nitrosodimethylamine	3.44	42	2182	1.10	ng	100
6) 2-Chlorophenol	7.17	128	6037	1.36	ng	100
7) Phenol	6.81	94	6118	0.96	ng	100
8) bis(2-Chloroethyl)ether	7.02	93	5874	1.26	ng	100
9) 2-Methylphenol	8.06	107	4634	1.02	ng	100
10) 3+4-Methylphenols	8.38	107	5776	1.18	ng	100
13) Nitrobenzene	8.80	77	3752	0.90	ng	100
14) 2-Nitrophenol	9.52	139	2139	0.97	ng	100
15) 2,4-Dimethylphenol	9.58	122	4347	1.00	ng	100
16) 2,4-Dichlorophenol	10.04	162	4116	1.06	ng	100
17) Hexachlorobutadiene	10.72	225	3535	1.16	ng	100
18) 4-Chloro-3-methylphenol	11.67	107	3952	1.02	ng	100
21) 2,4,6-Trichlorophenol	12.69	196	2025	0.94	ng	100
22) 2,4,5-Trichlorophenol	12.75	196	2679	1.00	ng	100
25) 4-Nitrophenol	14.51	139	614	0.79	ng	100
27) 4,6-Dinitro-2-methylphenol	15.40	198	835	1.02	ng	100
28) Hexachlorobenzene	16.32	284	5202	1.00	ng	100
29) Pentachlorophenol	16.67	266	400	0.50	ng	100
31) Benzidine	19.27	184	3623	0.96	ng	100
33) 3,3'-Dichlorobenzidine	21.12	252	5385	0.96	ng	100

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

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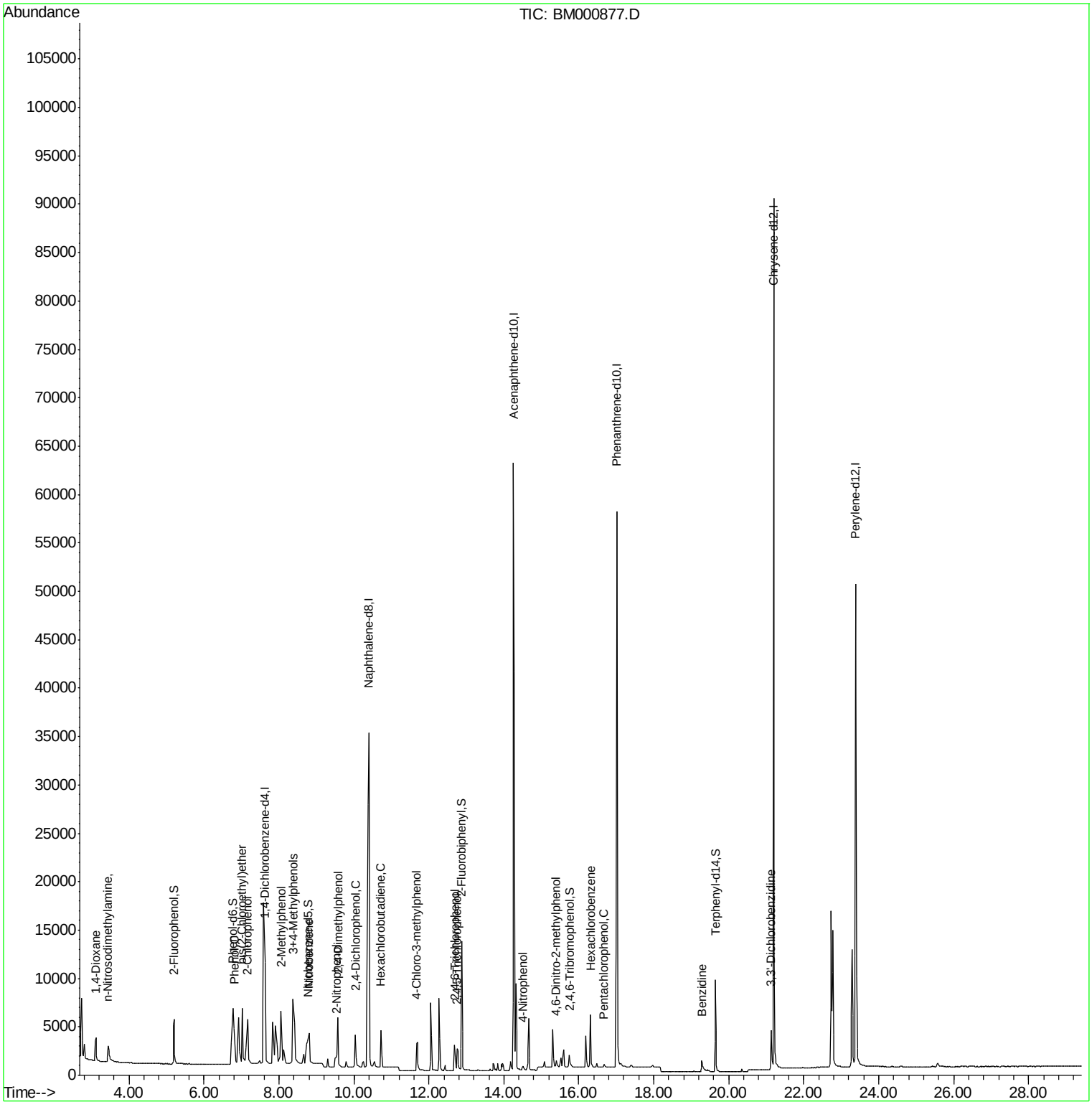
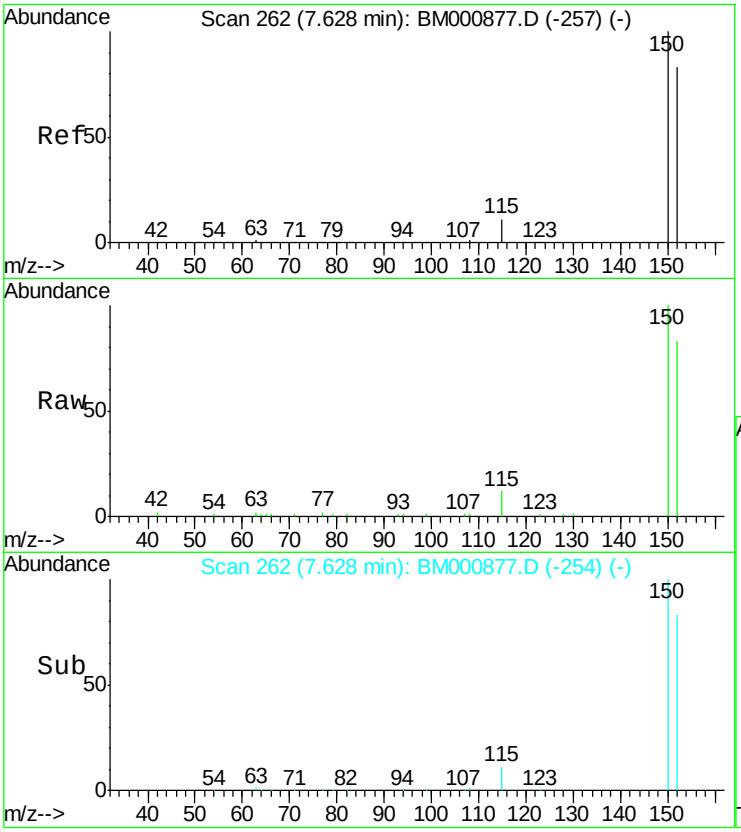


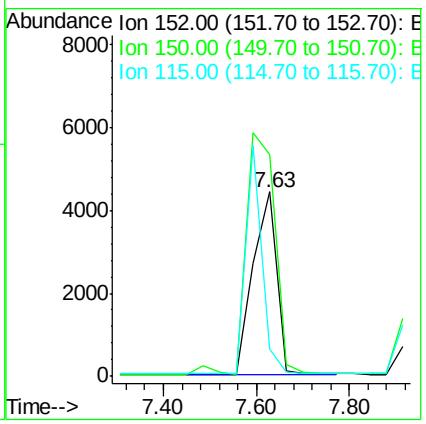


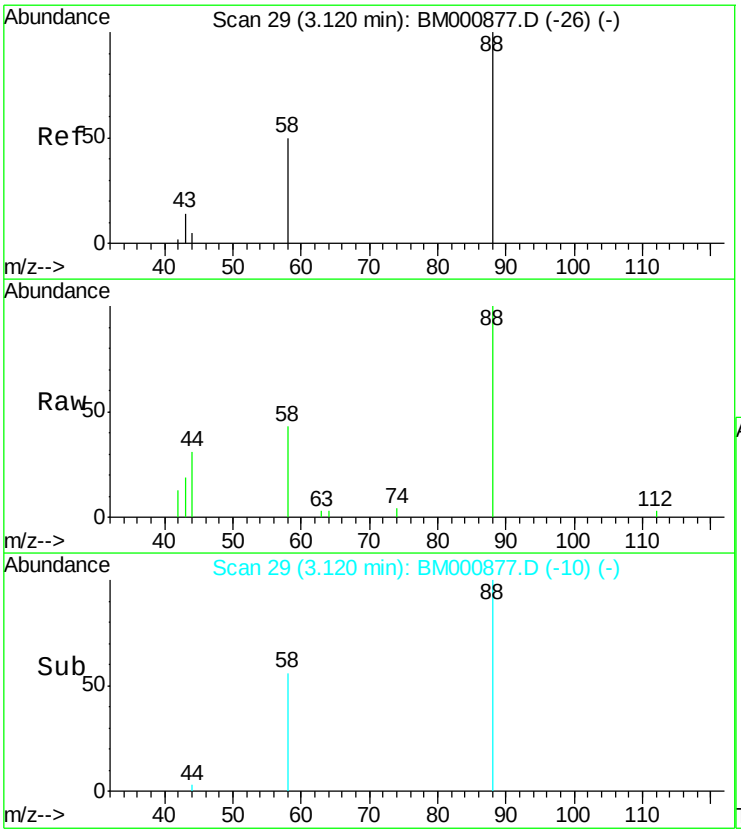
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 15467

Ion	Ratio	Lower	Upper
152	100		
150	120.6	96.5	144.7
115	14.9	11.9	17.9

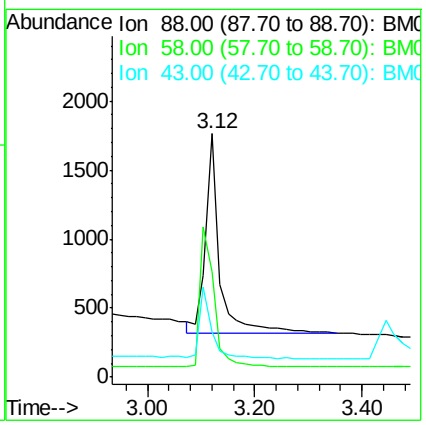


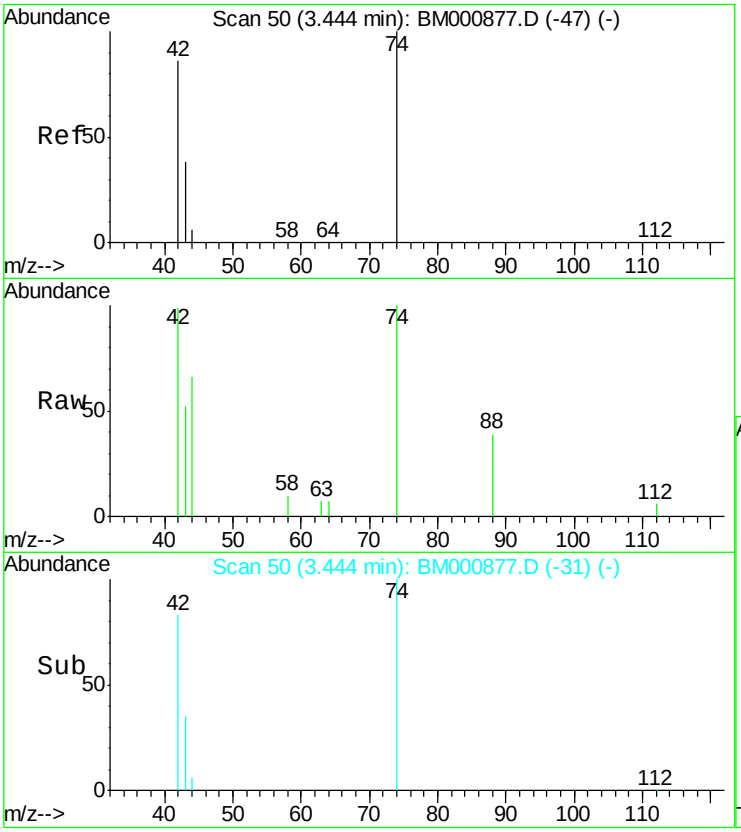


#2
1,4-Dioxane
Concen: 1.08 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion: 88 Resp: 2619

Ion	Ratio	Lower	Upper
88	100		
58	70.9	56.7	85.1
43	31.3	25.0	37.6



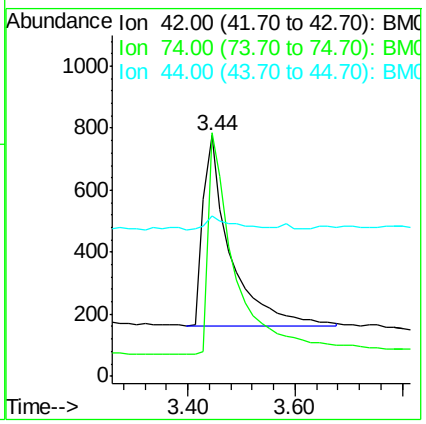


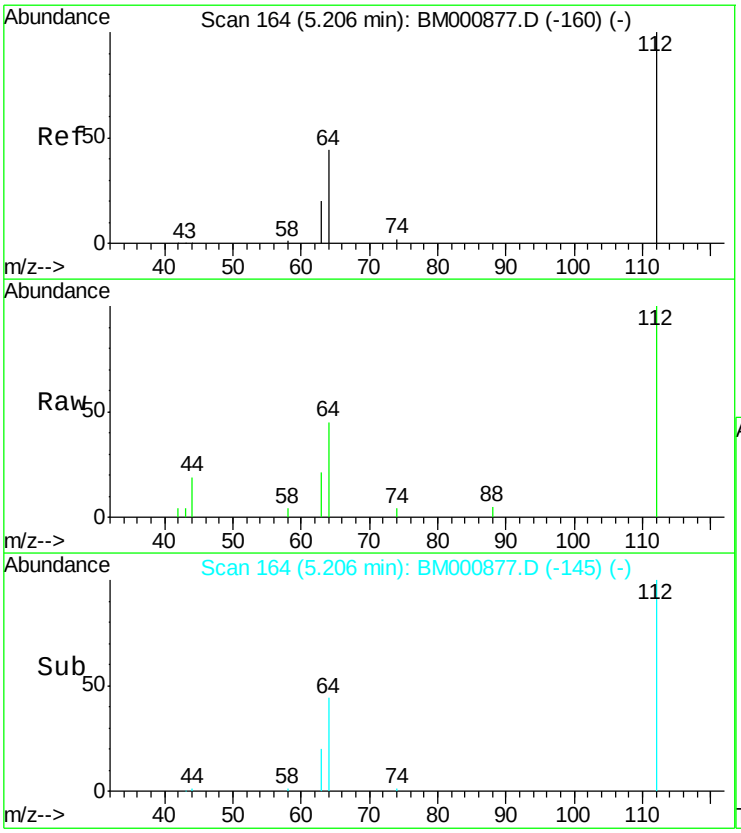
#3
n-Nitrosodimethylamine
Concen: 1.10 ng
RT: 3.44 min Scan# 50
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 42 Resp: 2182

Ion	Ratio	Lower	Upper
42	100		
74	101.2	81.0	121.4
44	66.6	53.3	79.9

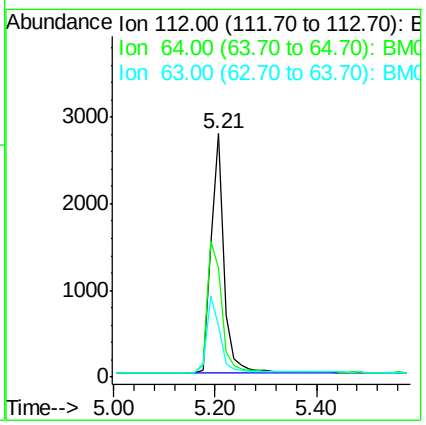


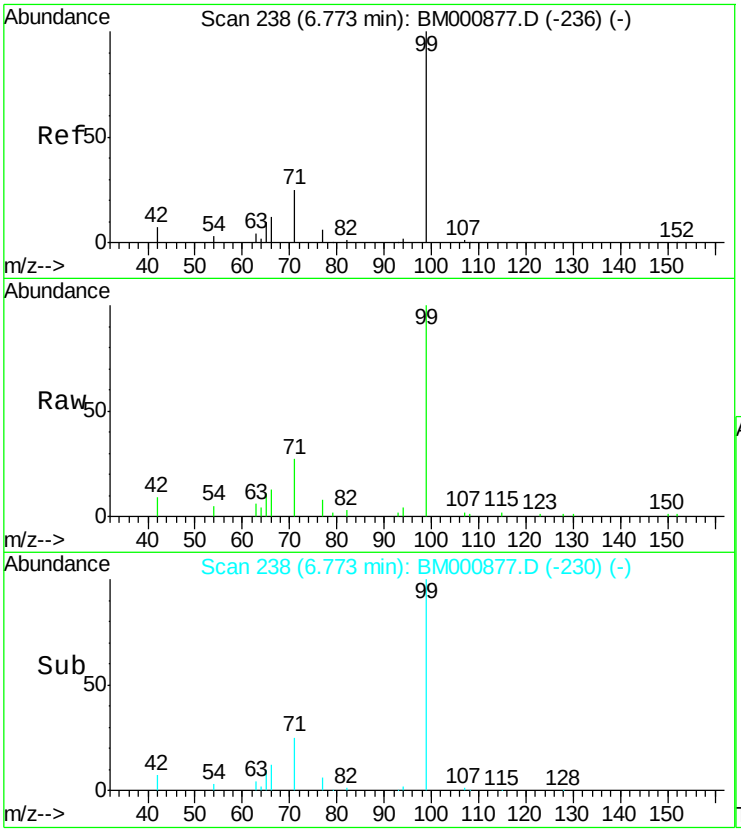


#4
2-Fluorophenol
Concen: 1.16 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion:112 Resp: 5031

Ion	Ratio	Lower	Upper
112	100		
64	44.6	35.7	53.5
63	21.2	17.0	25.4



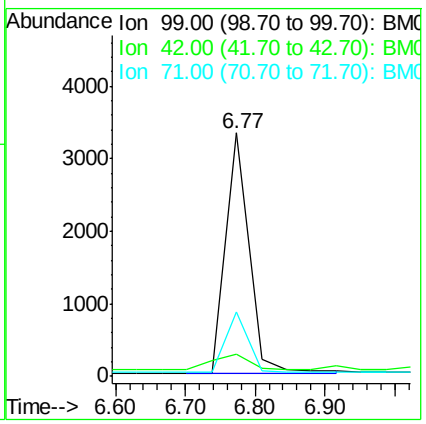


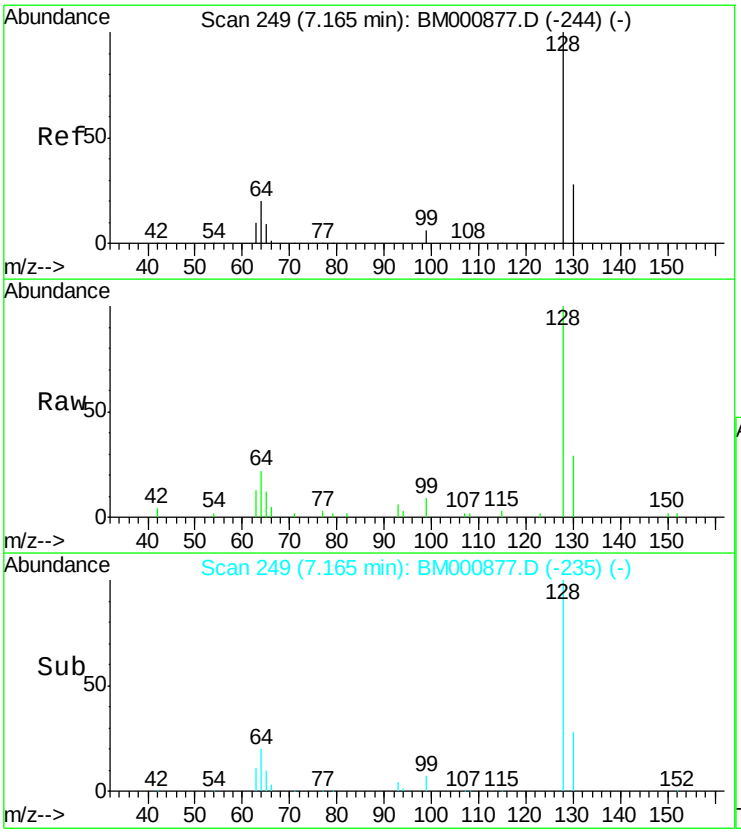
#5
Phenol-d6
Concen: 1.25 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 99 Resp: 7704

Ion	Ratio	Lower	Upper
99	100		
42	9.4	7.5	11.3
71	26.6	21.3	31.9

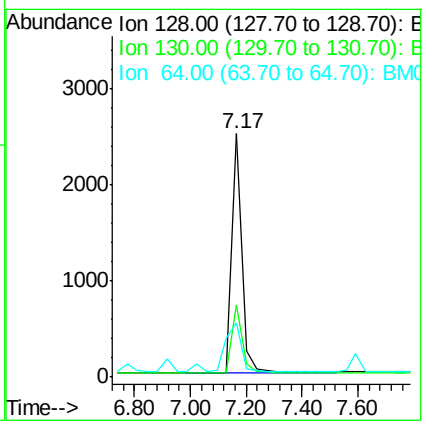


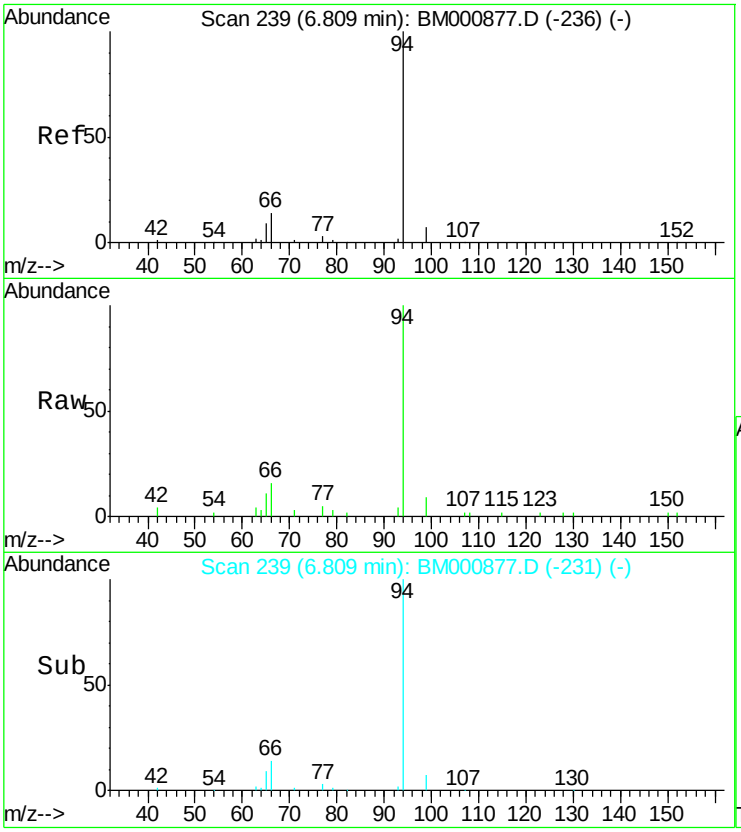


#6
2-Chlorophenol
Concen: 1.36 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion:128 Resp: 6037

Ion	Ratio	Lower	Upper
128	100		
130	29.4	9.4	49.4
64	22.1	2.1	42.1



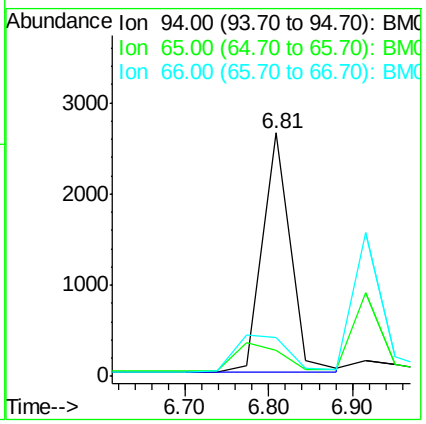


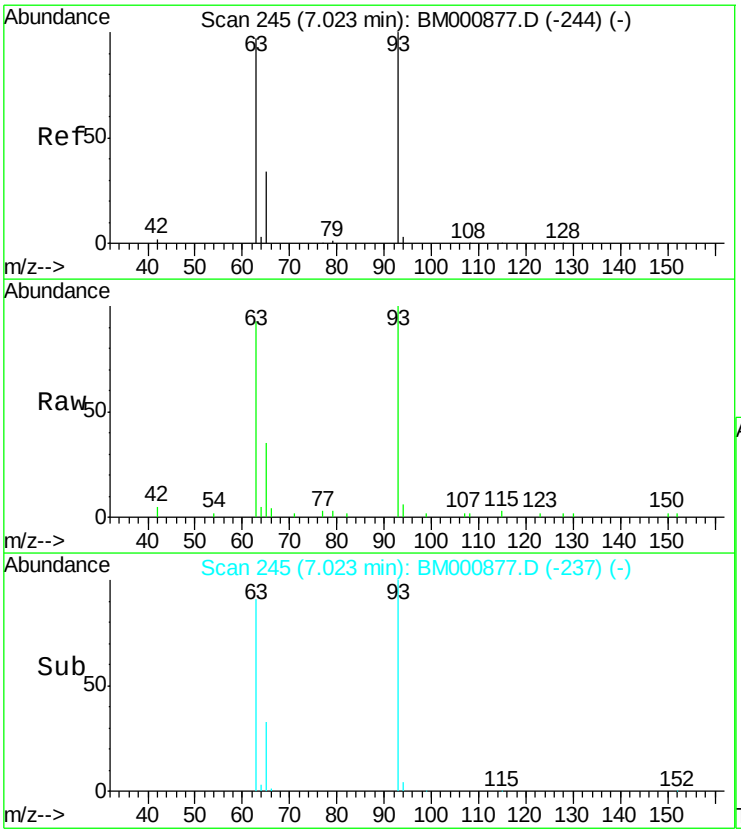
#7
Phenol
Concen: 0.96 ng
RT: 6.81 min Scan# 239
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 94 Resp: 6118

Ion	Ratio	Lower	Upper
94	100		
65	10.9	0.0	30.9
66	15.8	0.0	35.8

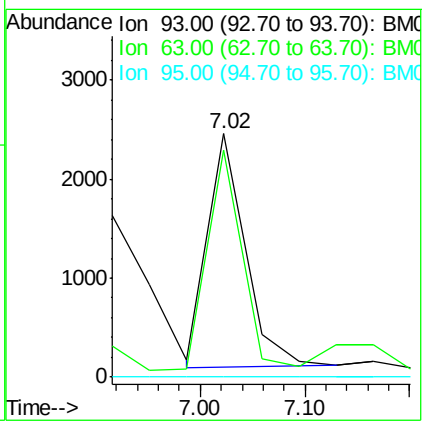


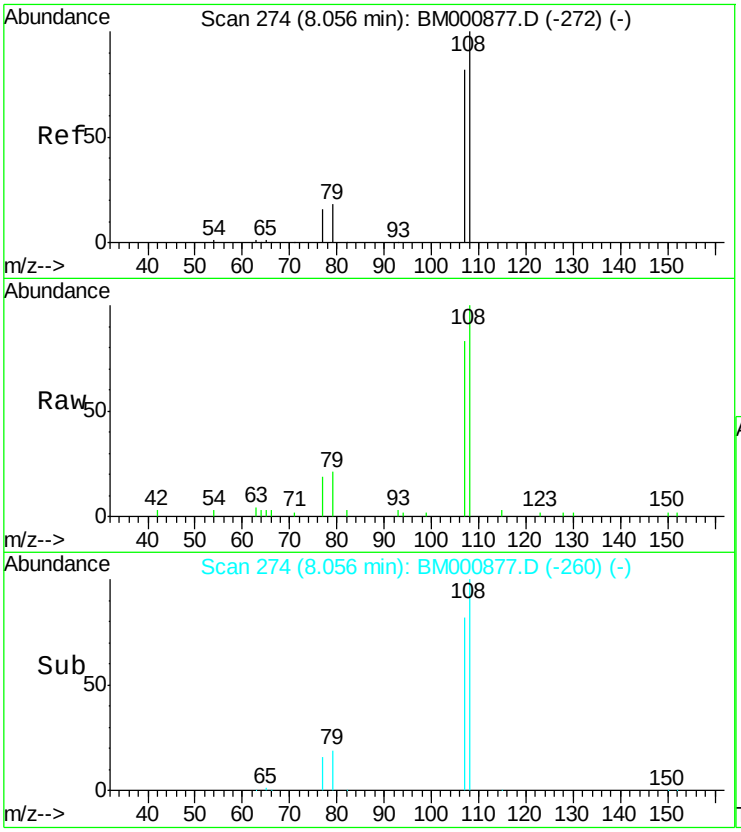


#8
bis(2-Chloroethyl)ether
Concen: 1.26 ng
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion: 93 Resp: 5874

Ion	Ratio	Lower	Upper
93	100		
63	93.3	73.3	113.3
95	0.0	0.0	20.0



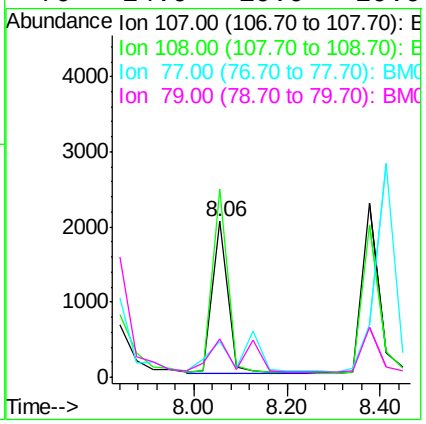


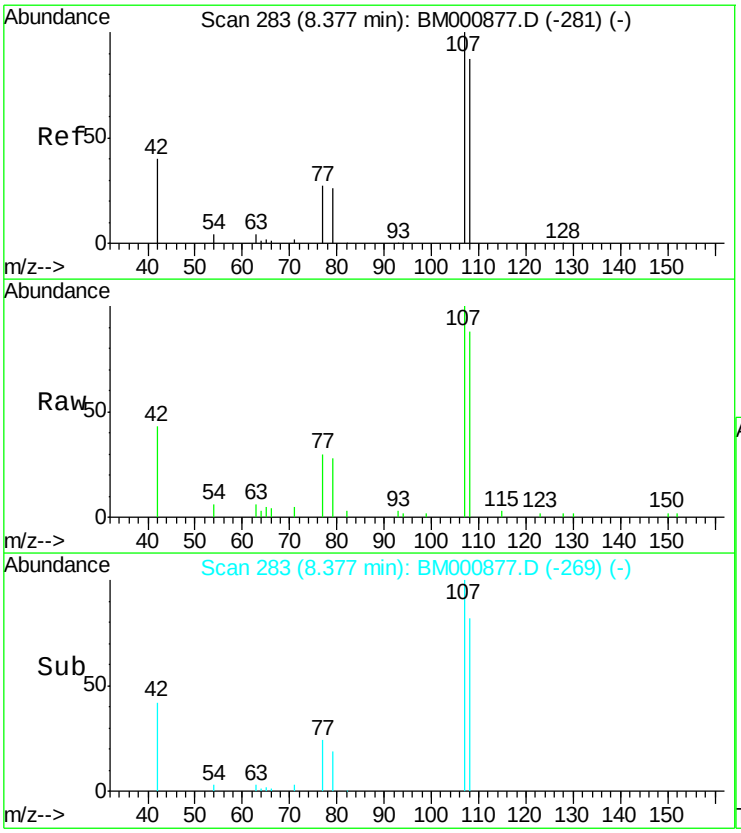
#9
2-Methylphenol
Concen: 1.02 ng
RT: 8.06 min Scan# 274
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:107 Resp: 4634

Ion	Ratio	Lower	Upper
107	100		
108	120.9	96.7	145.1
77	22.9	18.3	27.5
79	24.9	19.9	29.9

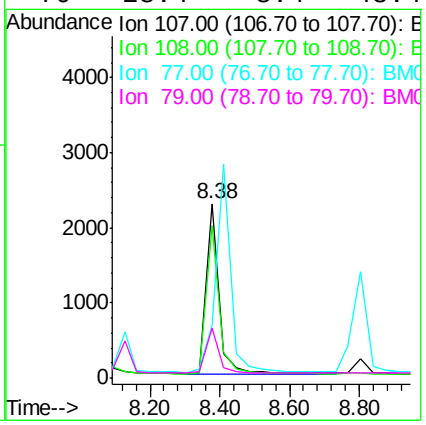


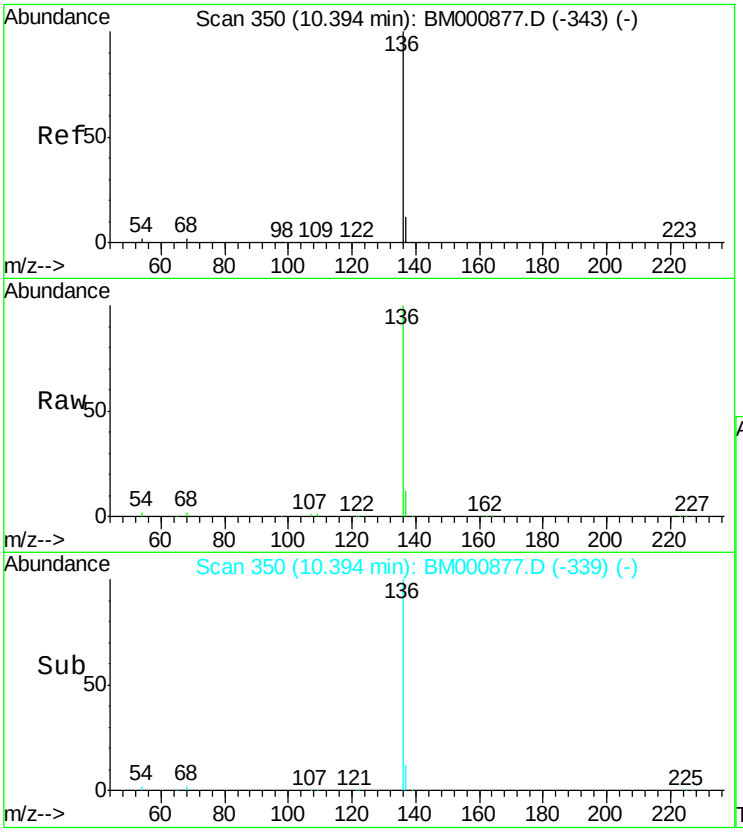


#10
3+4-Methylphenols
Concen: 1.18 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion:107 Resp: 5776

Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.6	107.6
77	30.0	10.0	50.0
79	28.4	8.4	48.4



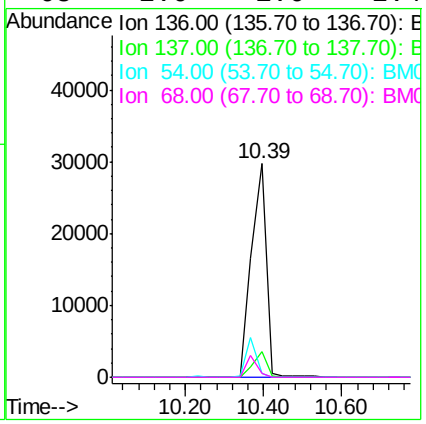


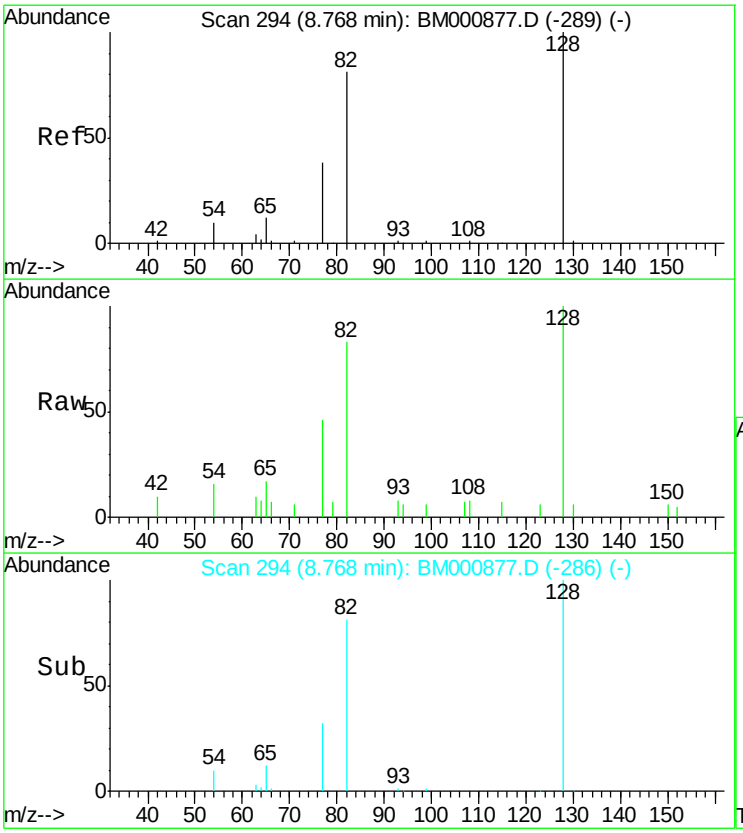
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:136 Resp: 77212

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	1.9	1.5	2.3
68	2.0	1.6	2.4

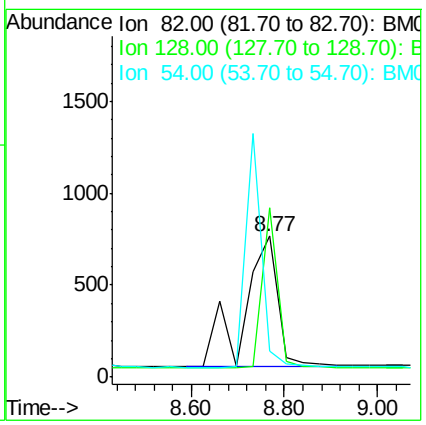


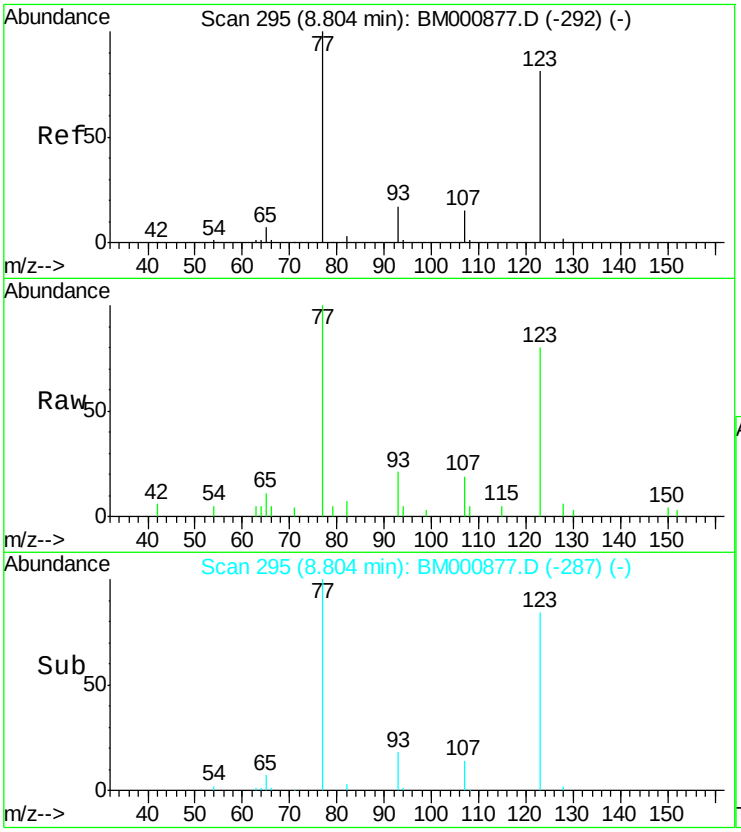


#12
Nitrobenzene-d5
Concen: 0.99 ng
RT: 8.77 min Scan# 294
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion: 82 Resp: 3568

Ion	Ratio	Lower	Upper
82	100		
128	120.2	96.2	144.2
54	18.8	15.0	22.6



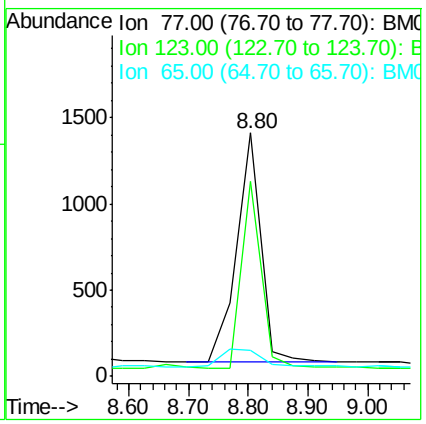


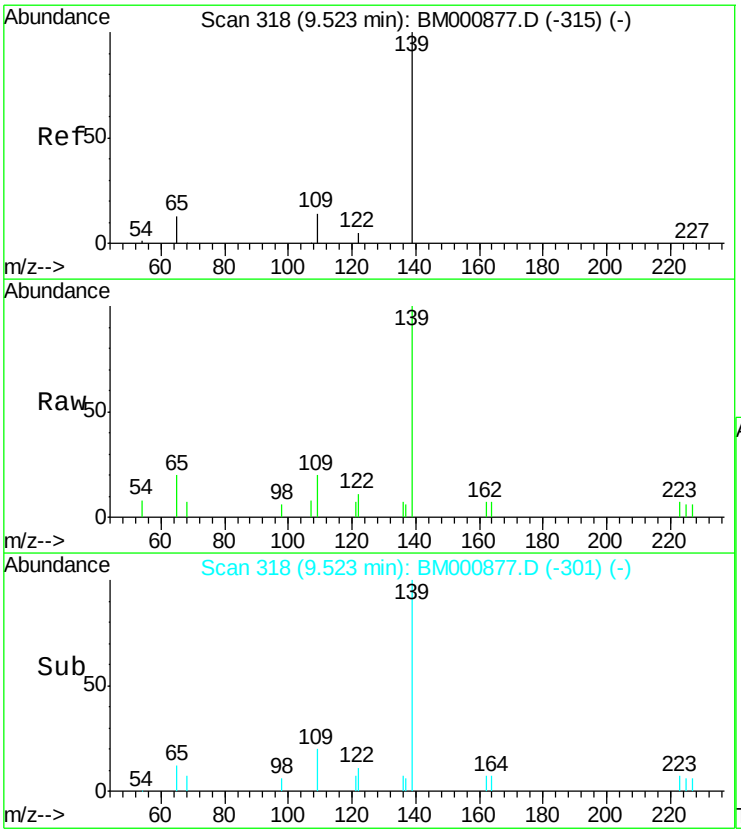
#13
Nitrobenzene
Concen: 0.90 ng
RT: 8.80 min Scan# 295
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 77 Resp: 3752

Ion	Ratio	Lower	Upper
77	100		
123	80.0	64.0	96.0
65	10.9	8.7	13.1

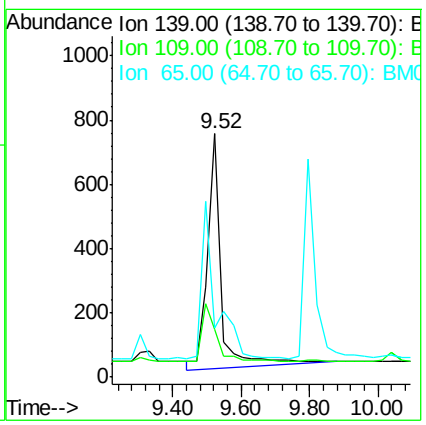


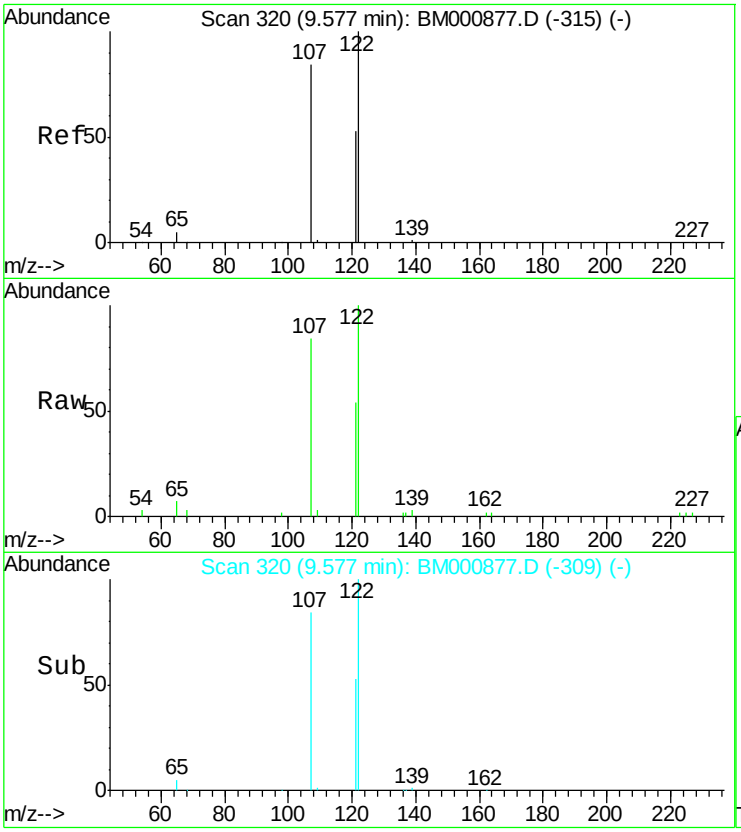


#14
2-Nitrophenol
Concen: 0.97 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion:139 Resp: 2139

Ion	Ratio	Lower	Upper
139	100		
109	19.8	15.8	23.8
65	20.2	16.2	24.2



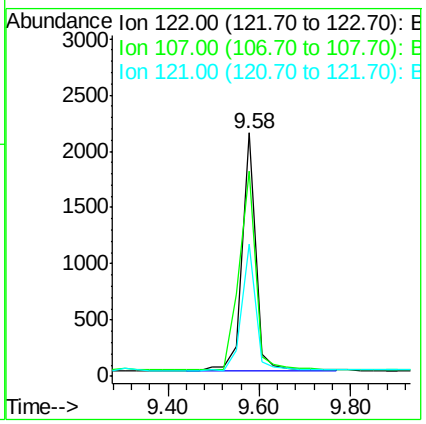


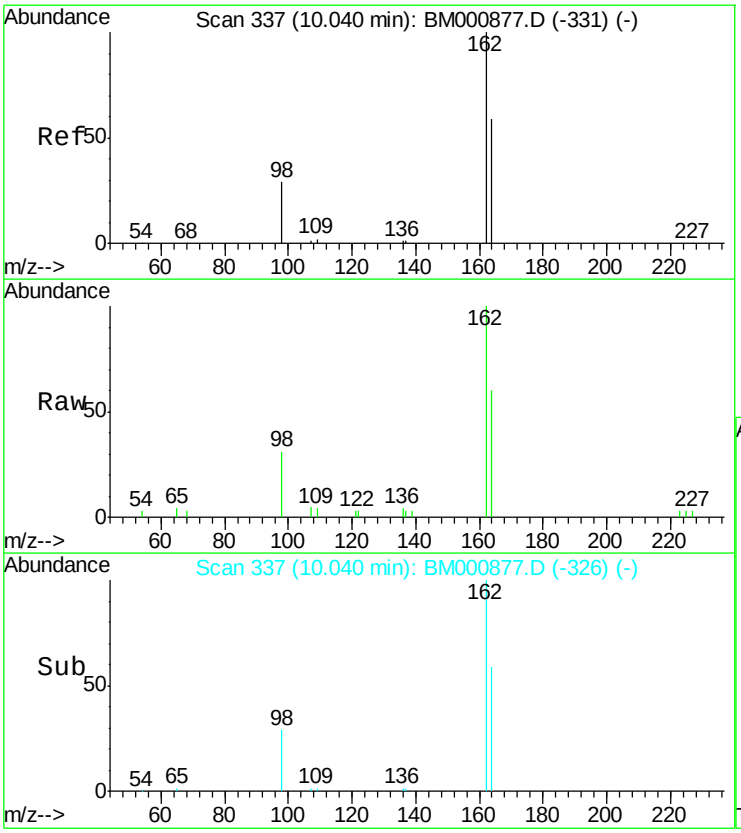
#15
2,4-Dimethylphenol
Concen: 1.00 ng
RT: 9.58 min Scan# 320
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:122 Resp: 4347

Ion	Ratio	Lower	Upper
122	100		
107	84.3	67.4	101.2
121	54.4	43.5	65.3

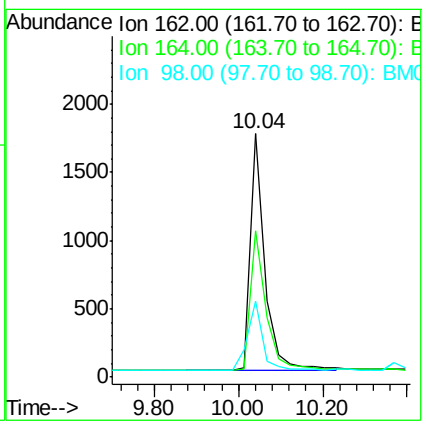


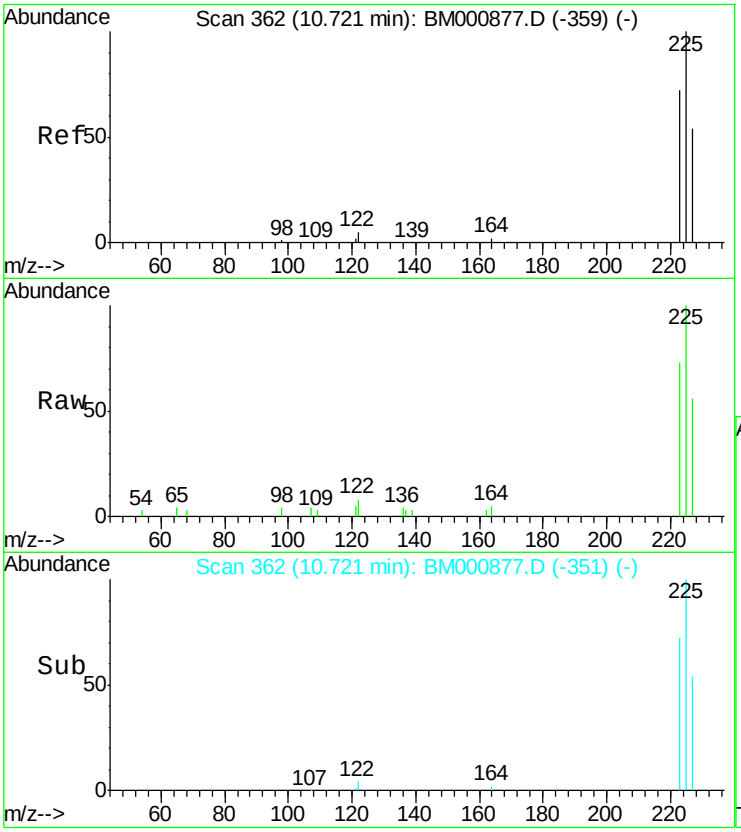


#16
2,4-Dichlorophenol
Concen: 1.06 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion:162 Resp: 4116

Ion	Ratio	Lower	Upper
162	100		
164	59.9	39.9	79.9
98	31.3	11.3	51.3



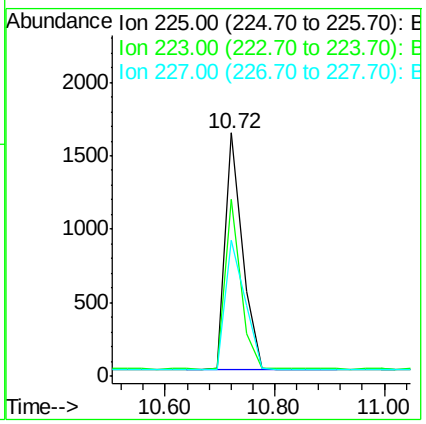


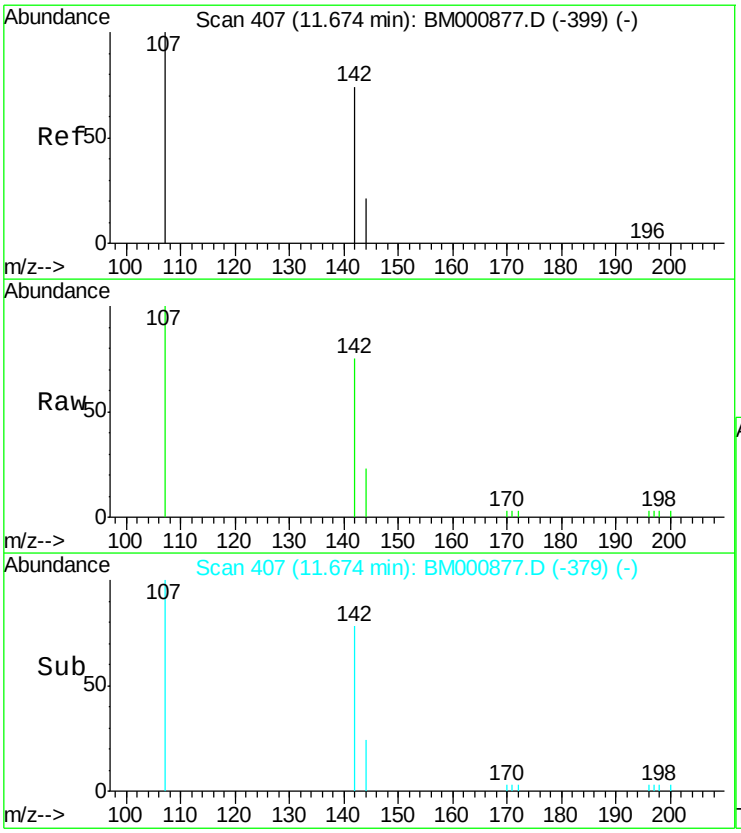
#17
Hexachlorobutadiene
Concen: 1.16 ng
RT: 10.72 min Scan# 362
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:225 Resp: 3535

Ion	Ratio	Lower	Upper
225	100		
223	72.9	58.3	87.5
227	55.6	44.5	66.7

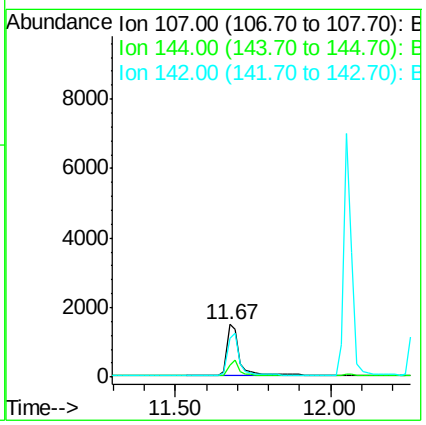


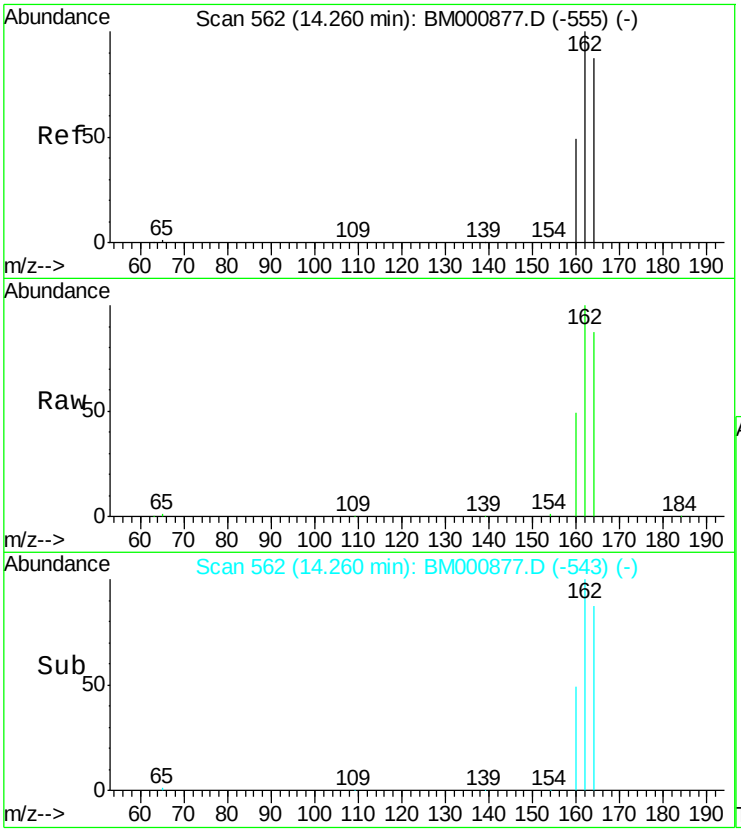


#18
4-Chloro-3-methylphenol
Concen: 1.02 ng
RT: 11.67 min Scan# 407
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion:107 Resp: 3952

Ion	Ratio	Lower	Upper
107	100		
144	23.0	18.4	27.6
142	74.9	59.9	89.9



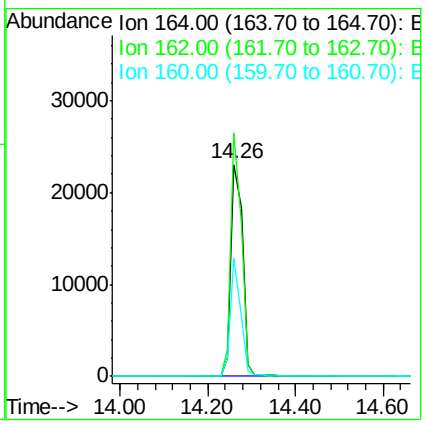


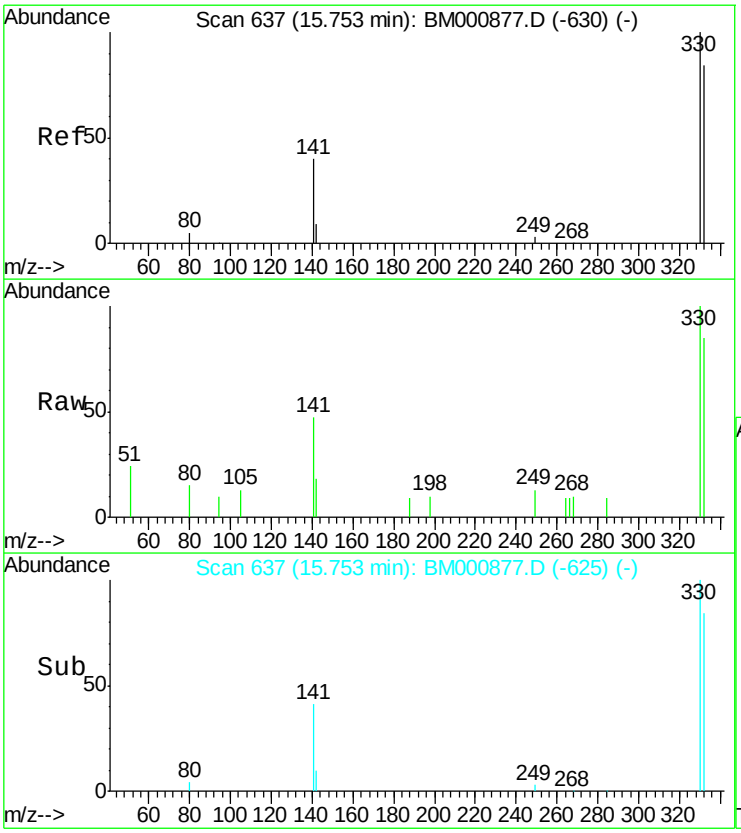
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:164 Resp: 41936

Ion	Ratio	Lower	Upper
164	100		
162	114.7	91.8	137.6
160	55.8	44.6	67.0

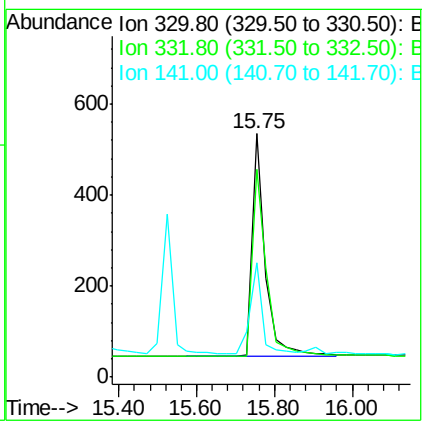


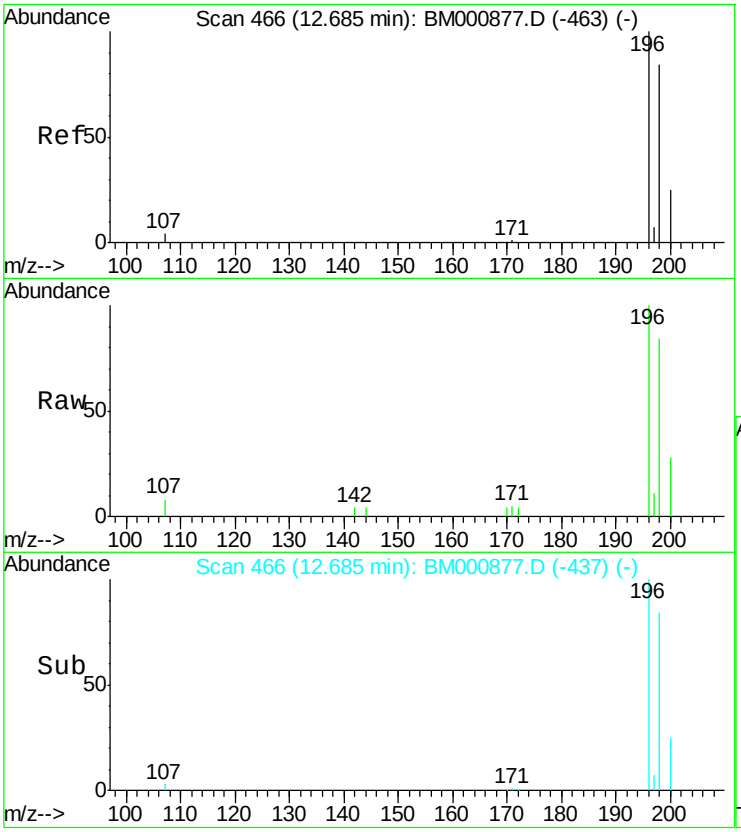


#20
2,4,6-Tribromophenol
Concen: 0.96 ng
RT: 15.75 min Scan# 637
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion:330 Resp: 1166

Ion	Ratio	Lower	Upper
330	100		
332	90.8	72.6	109.0
141	37.2	29.8	44.6



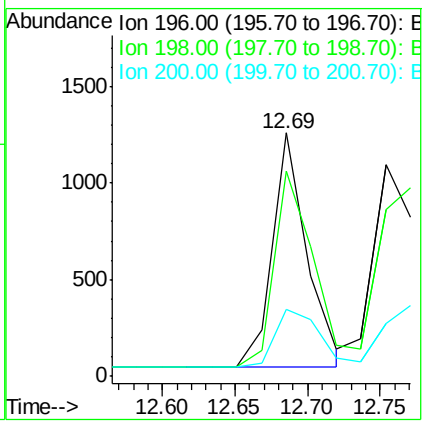


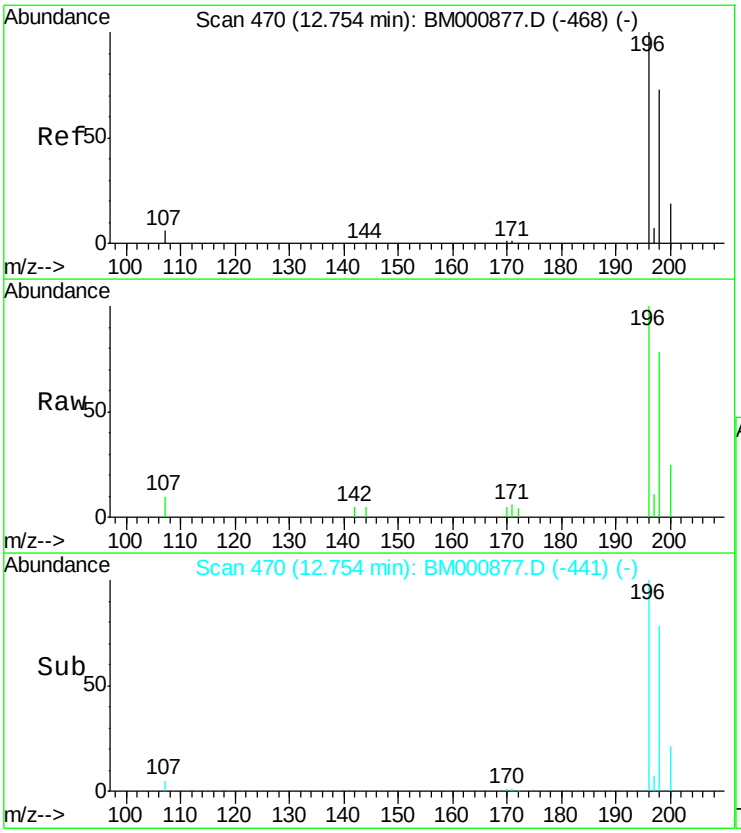
#21
2,4,6-Trichlorophenol
Concen: 0.94 ng
RT: 12.69 min Scan# 466
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:196 Resp: 2025

Ion	Ratio	Lower	Upper
196	100		
198	84.4	67.5	101.3
200	27.6	22.1	33.1

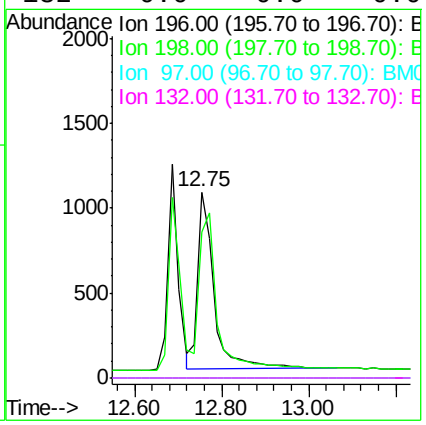


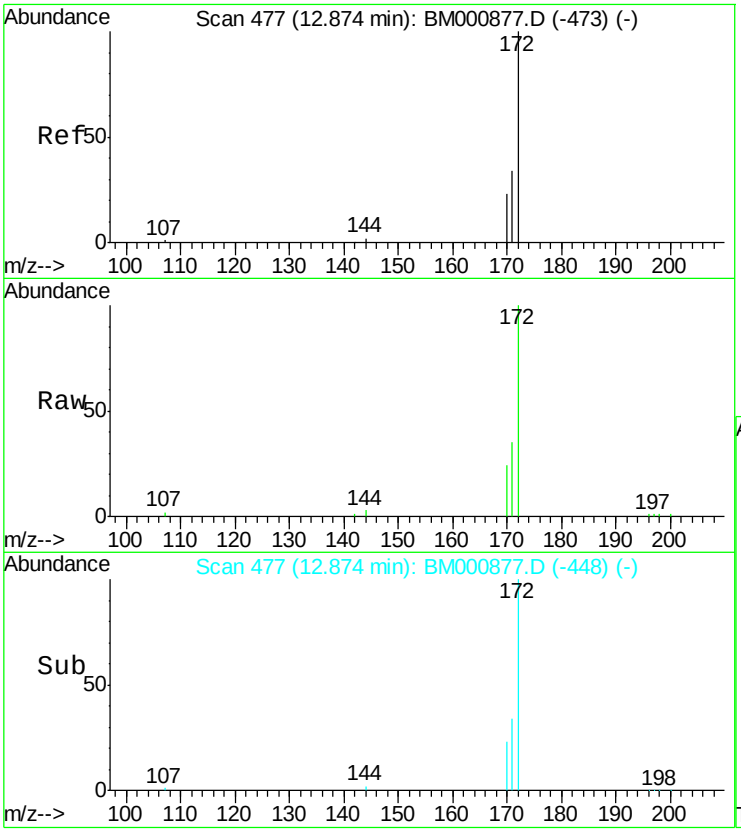


#22
2,4,5-Trichlorophenol
Concen: 1.00 ng
RT: 12.75 min Scan# 470
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion:196 Resp: 2679

Ion	Ratio	Lower	Upper
196	100		
198	78.4	62.7	94.1
97	0.0	0.0	0.0
132	0.0	0.0	0.0



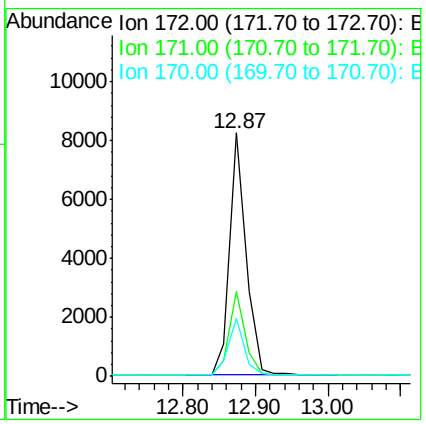


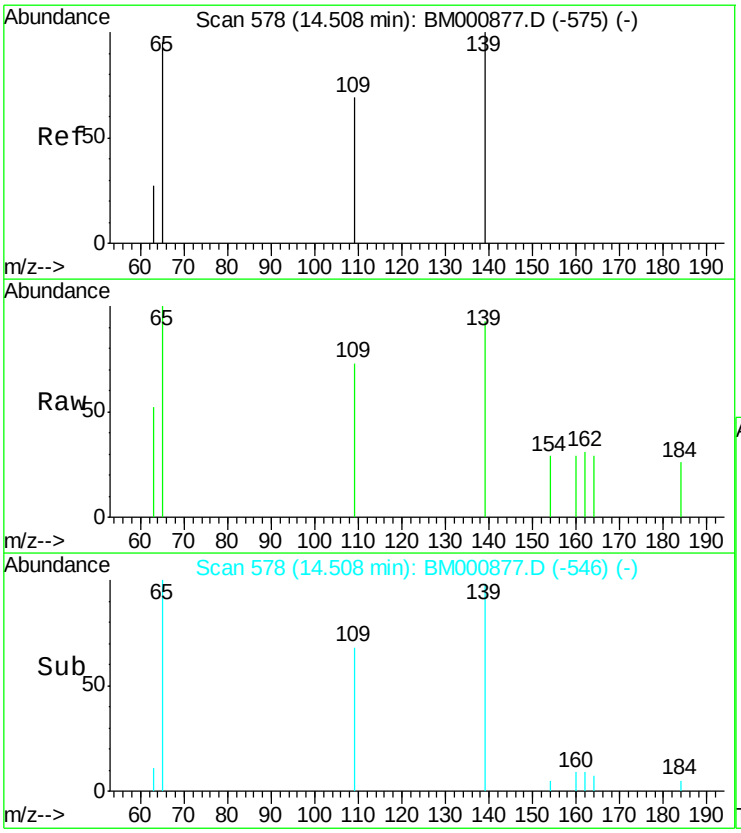
#23
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.87 min Scan# 477
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:172 Resp: 12881

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.8
170	23.8	19.0	28.6

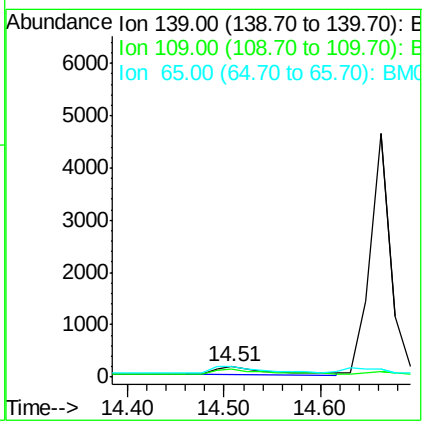


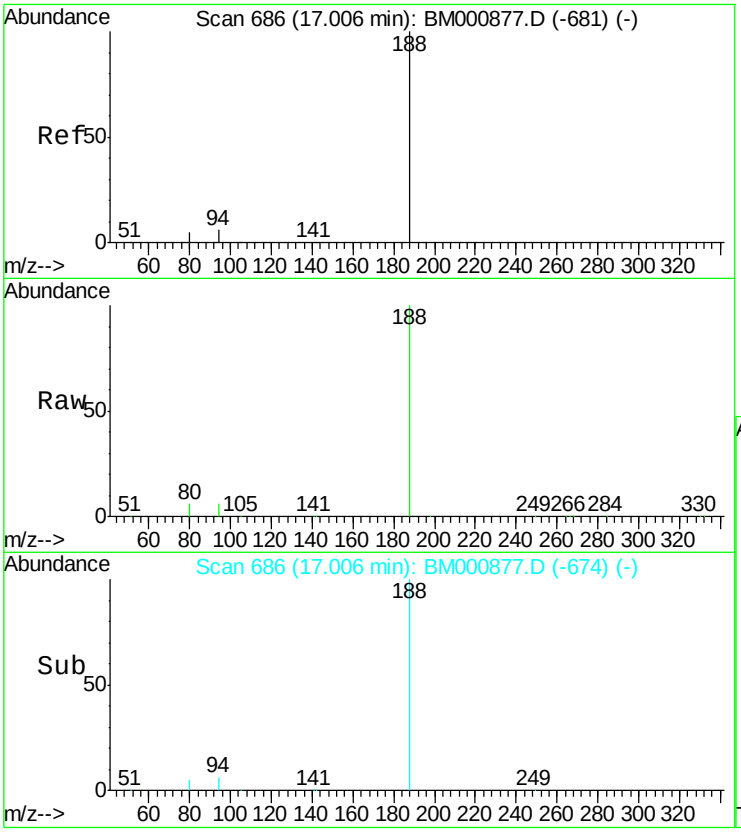


#25
4-Nitrophenol
Concen: 0.79 ng
RT: 14.51 min Scan# 578
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion:139 Resp: 614

Ion	Ratio	Lower	Upper
139	100		
109	78.4	58.4	98.4
65	107.7	87.7	127.7



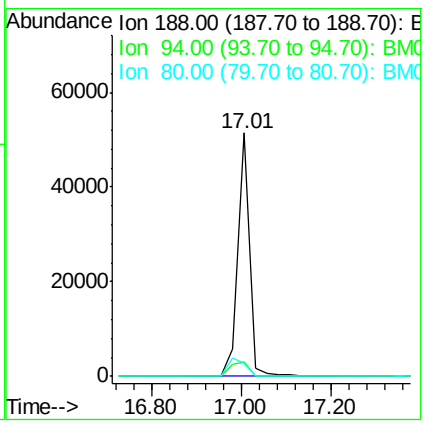


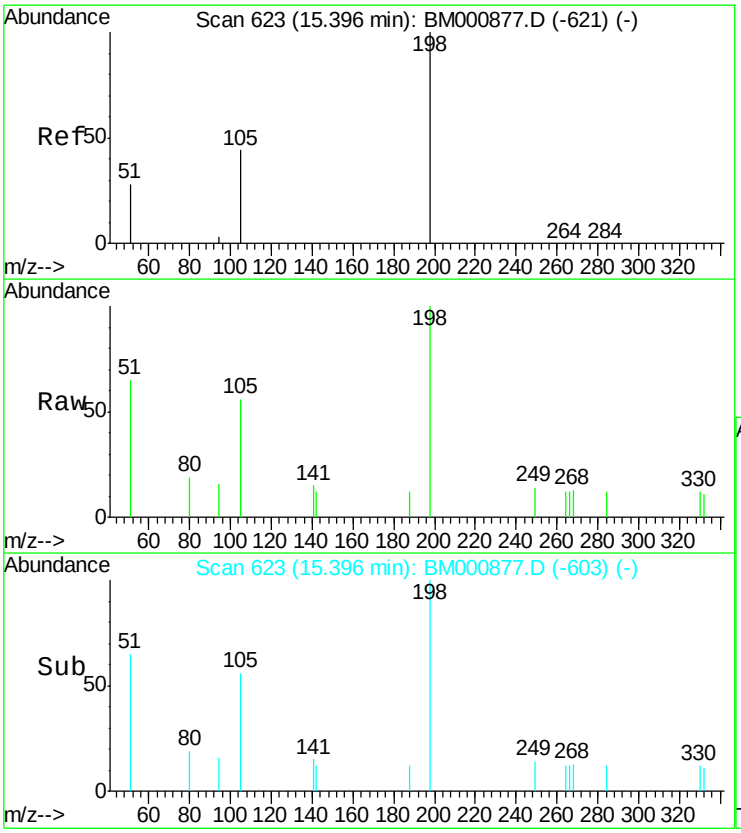
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:188 Resp: 92382

Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.9	7.3
80	5.5	4.4	6.6

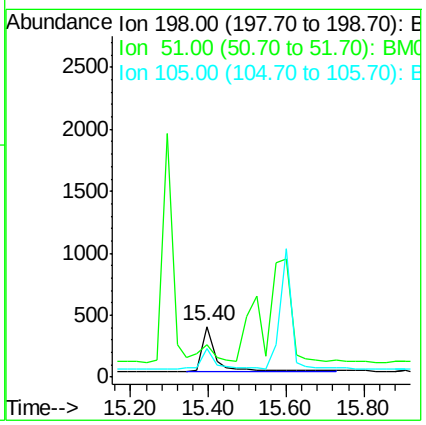


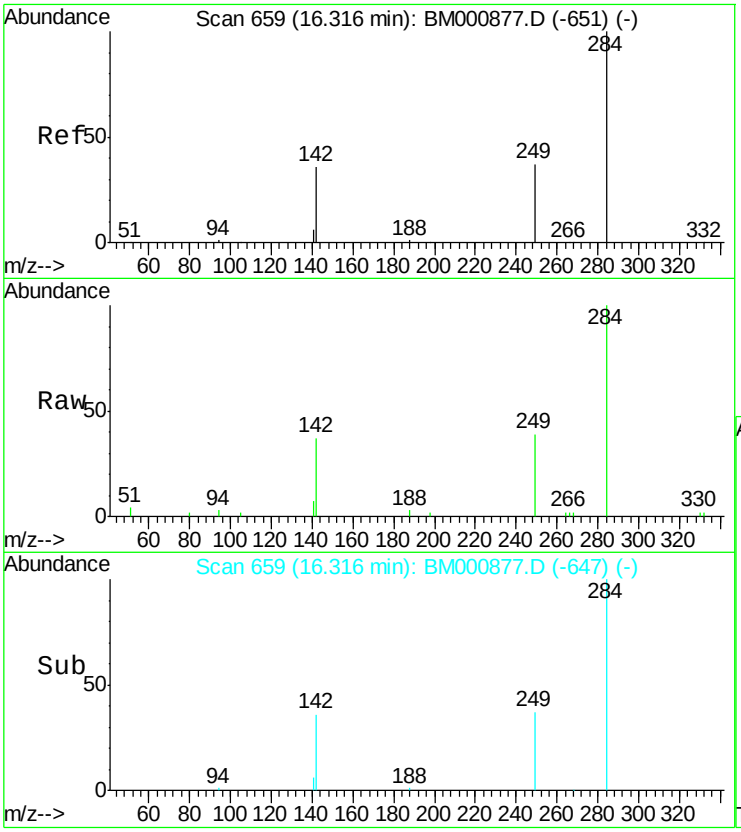


#27
4,6-Dinitro-2-methylphenol
Concen: 1.02 ng
RT: 15.40 min Scan# 623
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion:198 Resp: 835

Ion	Ratio	Lower	Upper
198	100		
51	64.6	44.6	84.6
105	56.0	36.0	76.0



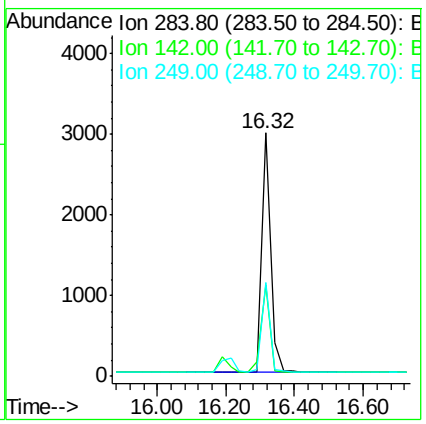


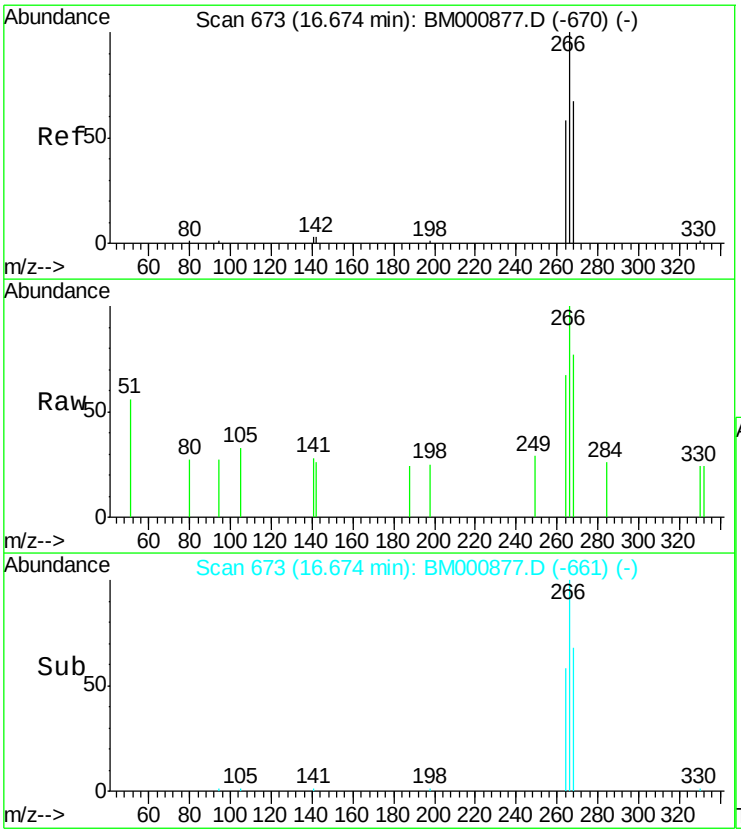
#28
Hexachlorobenzene
Concen: 1.00 ng
RT: 16.32 min Scan# 659
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:284 Resp: 5202

Ion	Ratio	Lower	Upper
284	100		
142	37.3	29.8	44.8
249	38.7	31.0	46.4

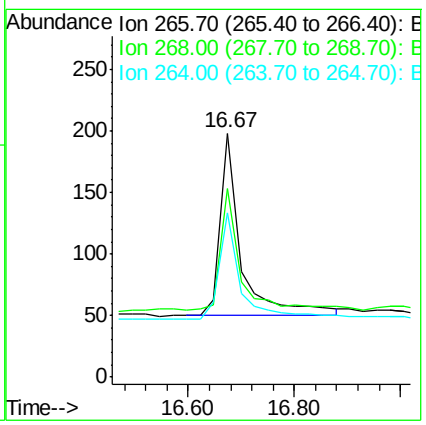


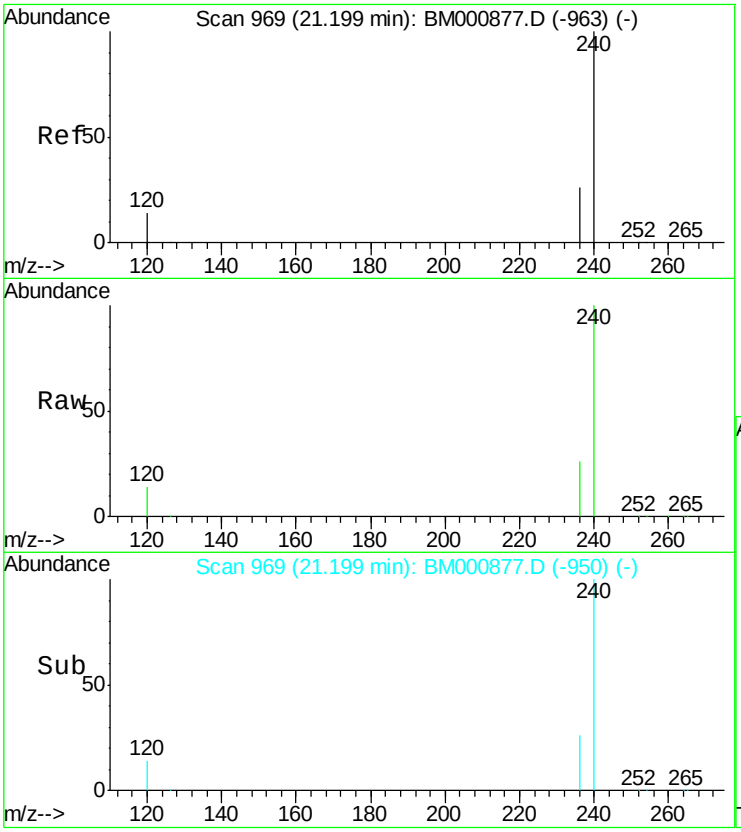


#29
Pentachlorophenol
Concen: 0.50 ng
RT: 16.67 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion:266 Resp: 400

Ion	Ratio	Lower	Upper
266	100		
268	77.3	61.8	92.8
264	67.2	53.8	80.6



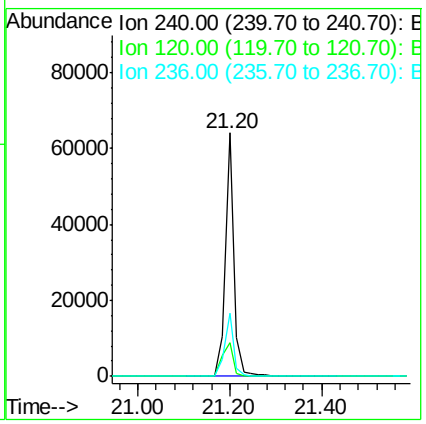


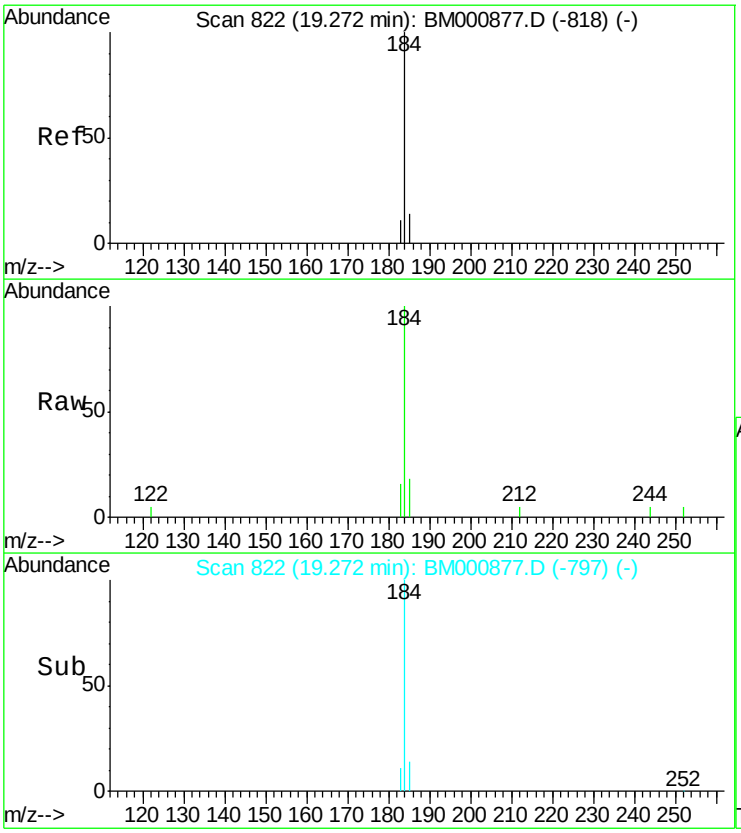
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.20 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:240 Resp: 82076

Ion	Ratio	Lower	Upper
240	100		
120	13.9	11.1	16.7
236	26.1	20.9	31.3

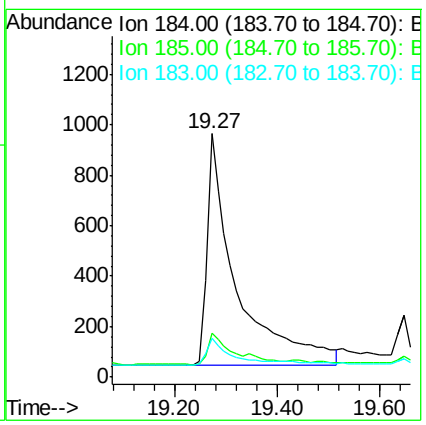


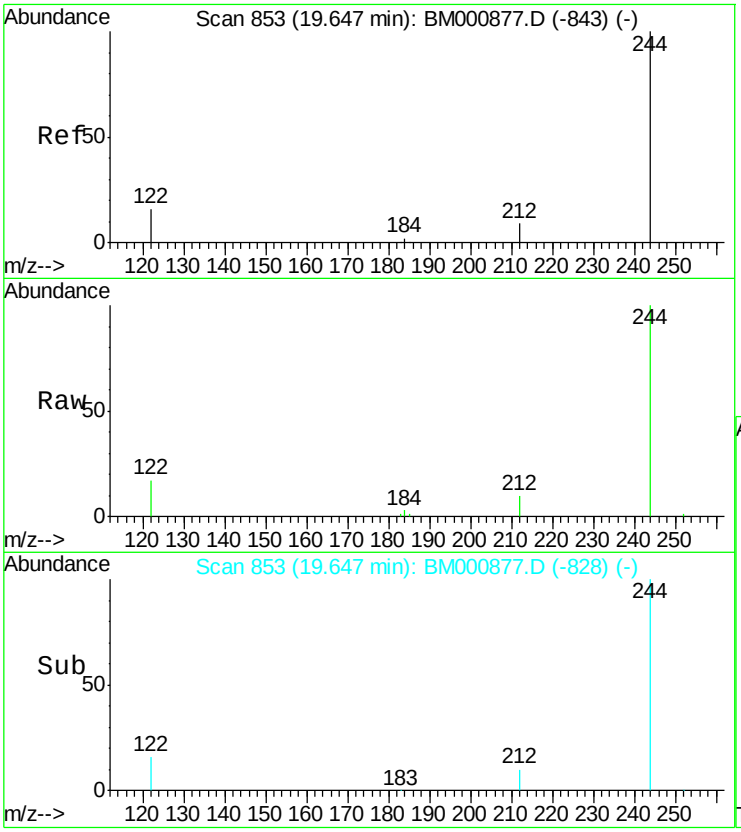


#31
Benzidine
Concen: 0.96 ng
RT: 19.27 min Scan# 822
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion:184 Resp: 3623

Ion	Ratio	Lower	Upper
184	100		
185	18.0	14.4	21.6
183	15.8	12.6	19.0



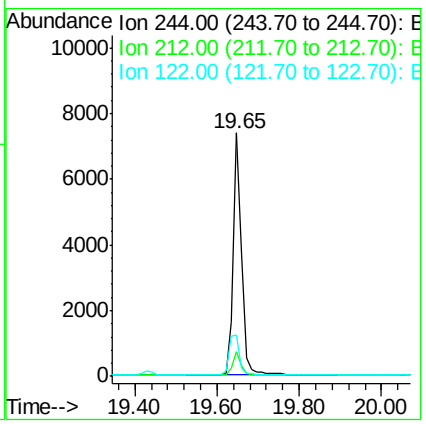


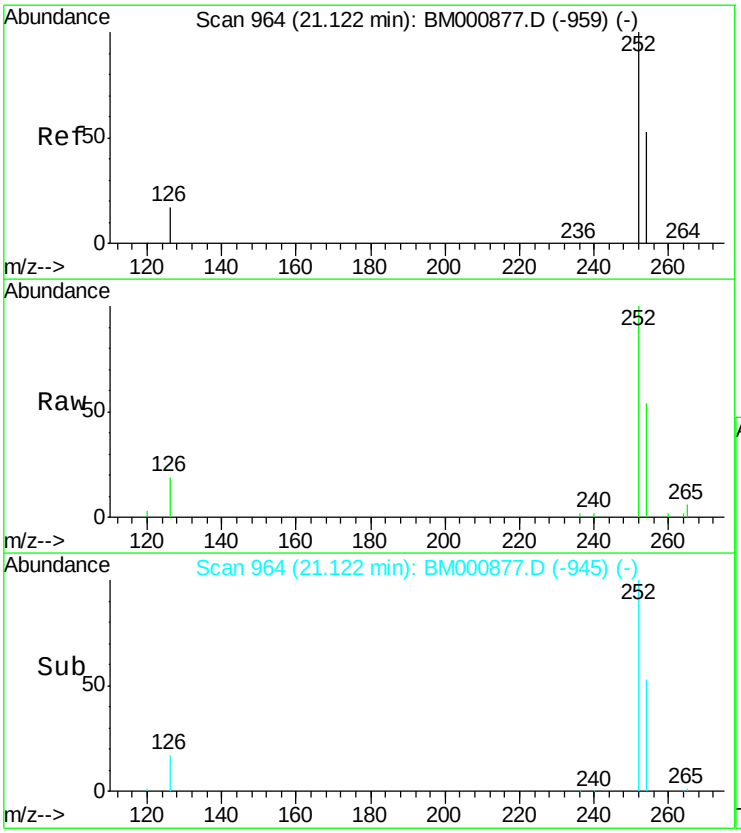
#32
Terphenyl-d14
Concen: 1.02 ng
RT: 19.65 min Scan# 853
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:244 Resp: 10108

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.1	12.1
122	17.0	13.6	20.4

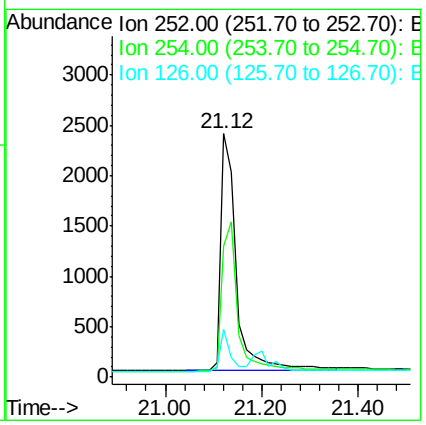


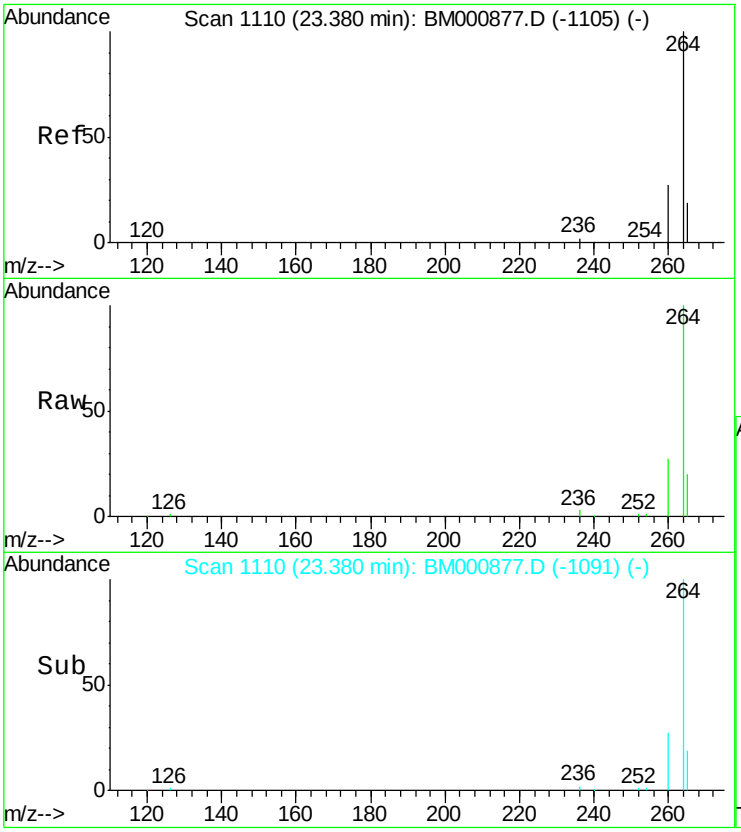


#33
3,3'-Dichlorobenzidine
Concen: 0.96 ng
RT: 21.12 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Tgt Ion:252 Resp: 5385

Ion	Ratio	Lower	Upper
252	100		
254	54.0	43.2	64.8
126	19.4	15.5	23.3





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.38 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BM000877.D
Acq: 07 Apr 2015 13:27

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:264 Resp: 74028

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.6	32.4
265	20.1	16.1	24.1