Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040315\
Data File : BM000818.D
Acq On : 02 Apr 2015 22:08
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: Apr 03 09:39:53 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 09:26:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	25888	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	128297	5.00	ng		0.00
19) Acenaphthene-d10	14.28	164	64587	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	128358	5.00	ng		0.00
30) Chrysene-d12	21.21	240	122731	5.00	ng		0.00
34) Perylene-d12	23.40	264	109730	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	81561	11.44	ng		0.00
5) Phenol-d6	6.77	99	140222	14.10	ng		0.00
12) Nitrobenzene-d5	8.77	82	65011	12.03	ng		0.00
20) 2,4,6-Tribromophenol	15.77	330	31413	15.12	ng		0.00
32) Terphenyl-d14	19.65	244	159704	10.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	30728	7.43	ng	#	84
3) n-Nitrosodimethylamine	3.41	42	42069	12.79	ng	#	8
6) 2-Chlorophenol	7.17	128	91330	12.92	ng		85
7) Phenol	6.81	94	127072	11.90	ng		87
8) bis(2-Chloroethyl)ether	7.02	93	95741	13.07	ng	#	71
9) 2-Methylphenol	8.06	107	94686	12.43	ng	#	91
10) 3+4-Methylphenols	8.38	107	119377	13.96	ng		92
13) Nitrobenzene	8.80	77	78847	11.28	ng	#	65
14) 2-Nitrophenol	9.52	139	40105	4.20	ng	#	80
15) 2,4-Dimethylphenol	9.58	122	88027	12.11	ng		94
16) 2,4-Dichlorophenol	10.04	162	86609	13.44	ng		91
17) Hexachlorobutadiene	10.75	225	51861	10.46	ng		99
18) 4-Chloro-3-methylphenol	11.67	107	81159	12.60	ng	#	80
21) 2,4,6-Trichlorophenol	12.69	196	62297	15.40	ng		99
22) 2,4,5-Trichlorophenol	12.75	196	70711	14.62	ng		93
23) 2-Fluorobiphenyl	12.87	172	205272	10.32	ng		99
24) 2,4-Dinitrophenol	14.40	184	13705	21.63	ng	#	36
25) 4-Nitrophenol	14.48	139	34026	21.62	ng		90
27) 4,6-Dinitro-2-methylphenol	15.39	198	25494	18.99	ng	#	74
28) Hexachlorobenzene	16.33	284	80173	11.06	ng	#	95
29) Pentachlorophenol	16.67	266	37144	23.14	ng		93
31) Benzidine	19.28	184	144720	23.56	ng	#	48
33) 3,3'-Dichlorobenzidine	21.13	252	141797	15.78	ng	#	94

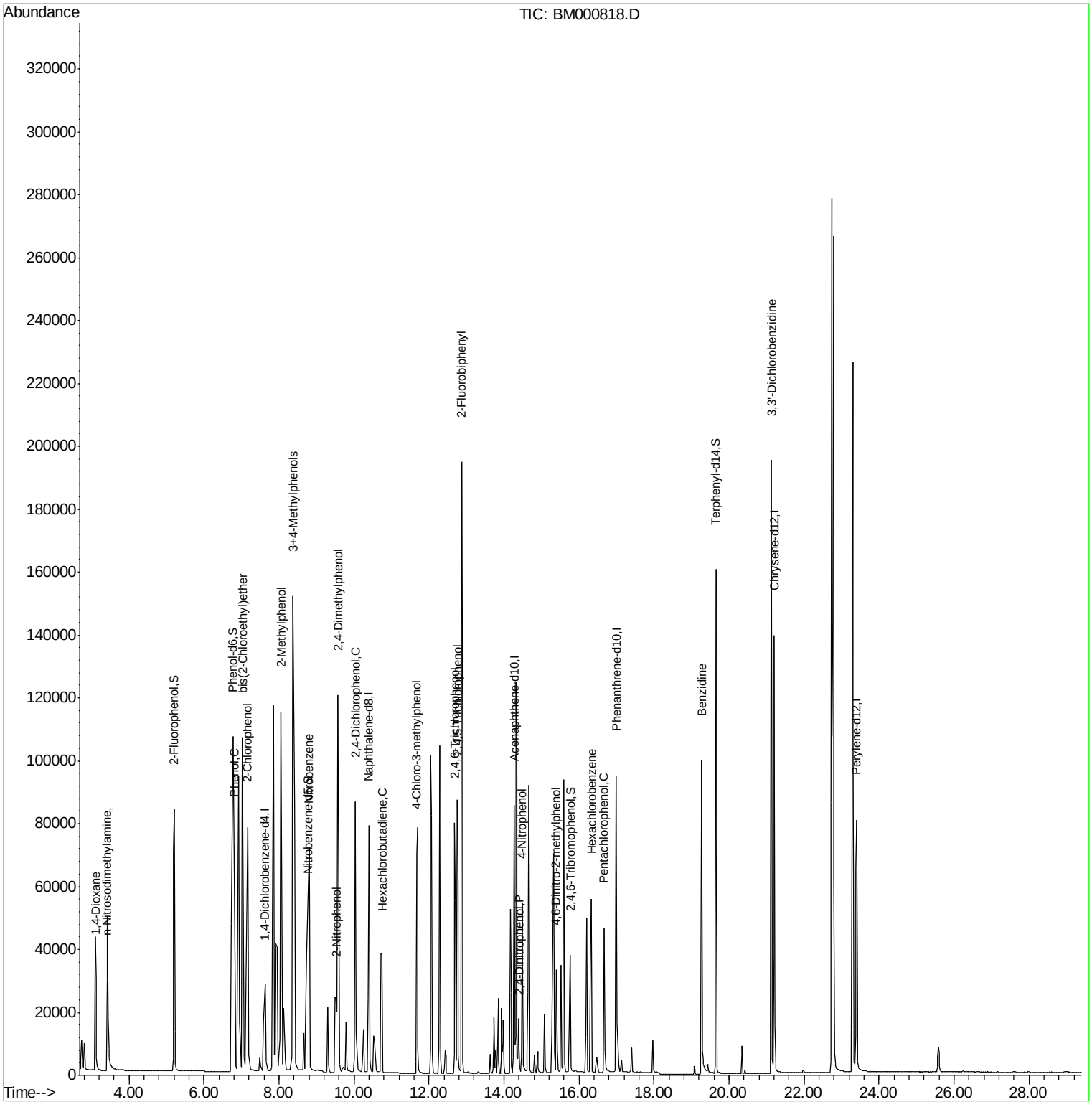
(#) = qualifier out of range (m) = manual integration (+) = signals summed

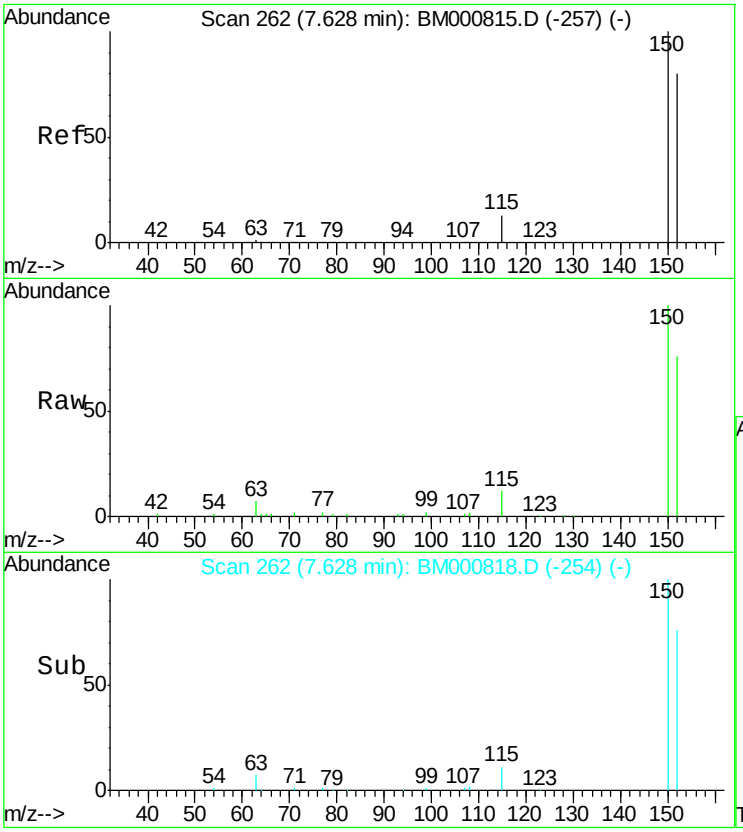
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040315\
Data File : BM000818.D
Acq On : 02 Apr 2015 22:08
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Apr 03 09:39:53 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 09:26:49 2015
Response via : Initial Calibration



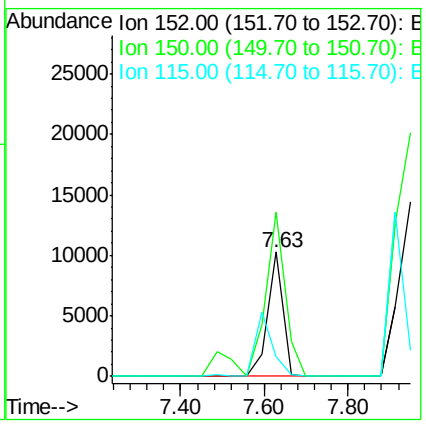


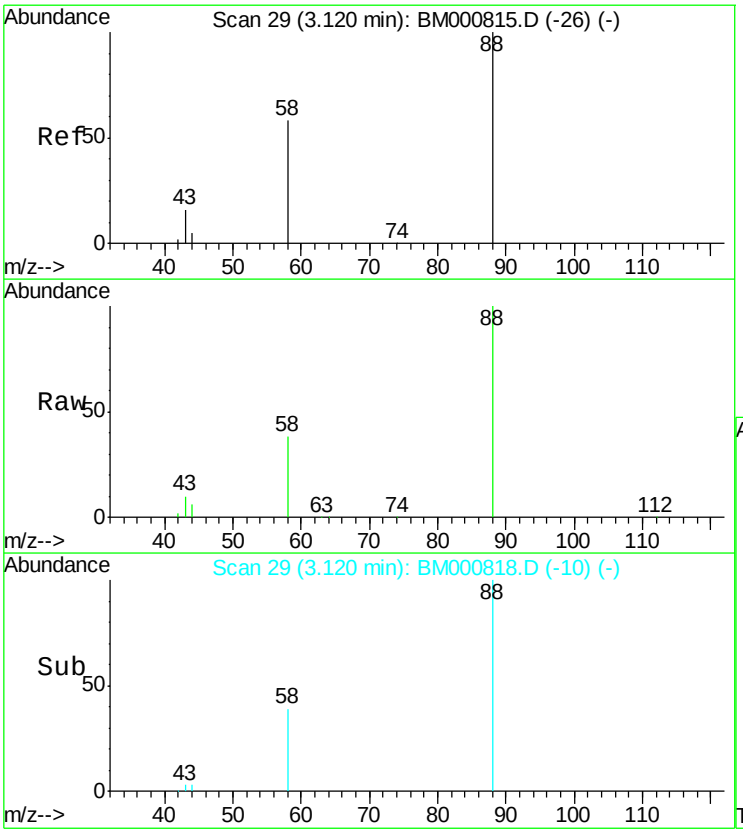
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 25888

Ion	Ratio	Lower	Upper
152	100		
150	131.7	99.8	149.6
115	15.4	13.5	20.3

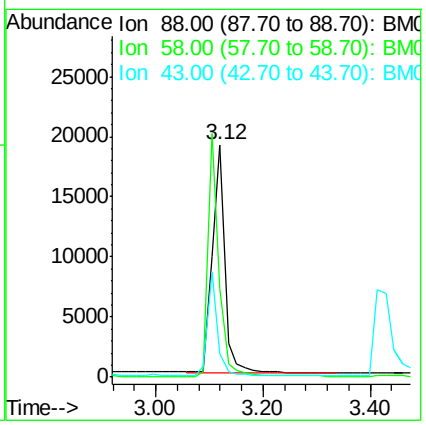


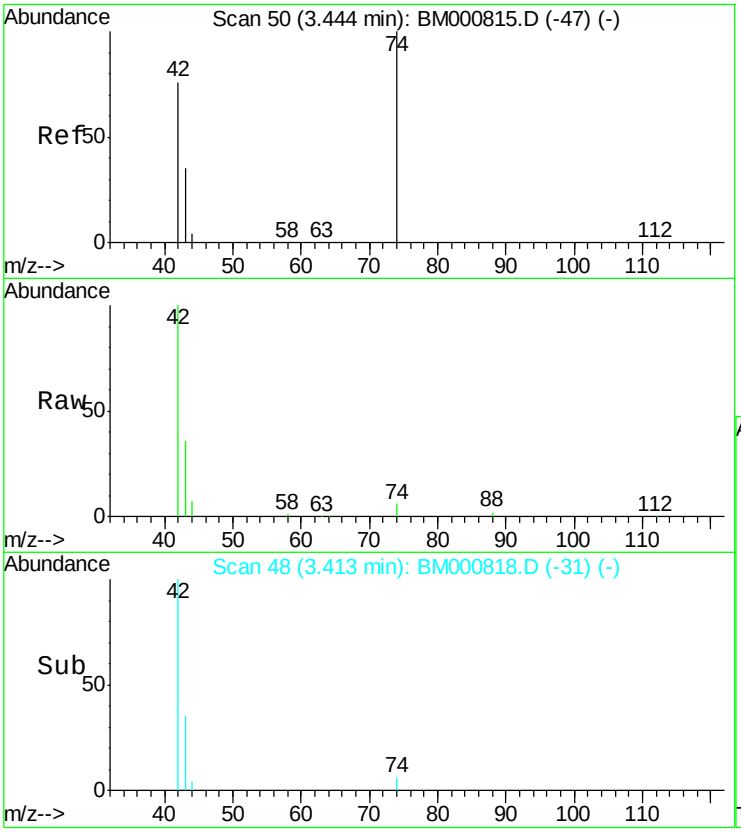


#2
1,4-Dioxane
Concen: 7.43 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion: 88 Resp: 30728

Ion	Ratio	Lower	Upper
88	100		
58	90.8	57.0	85.4#
43	35.6	29.2	43.8



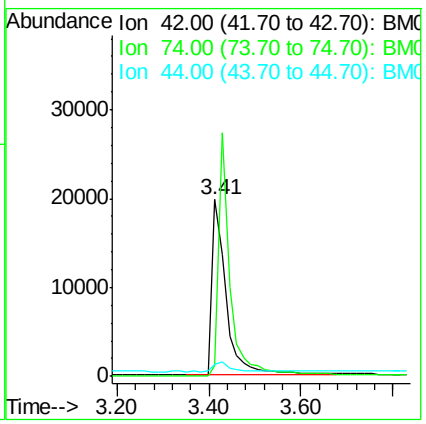


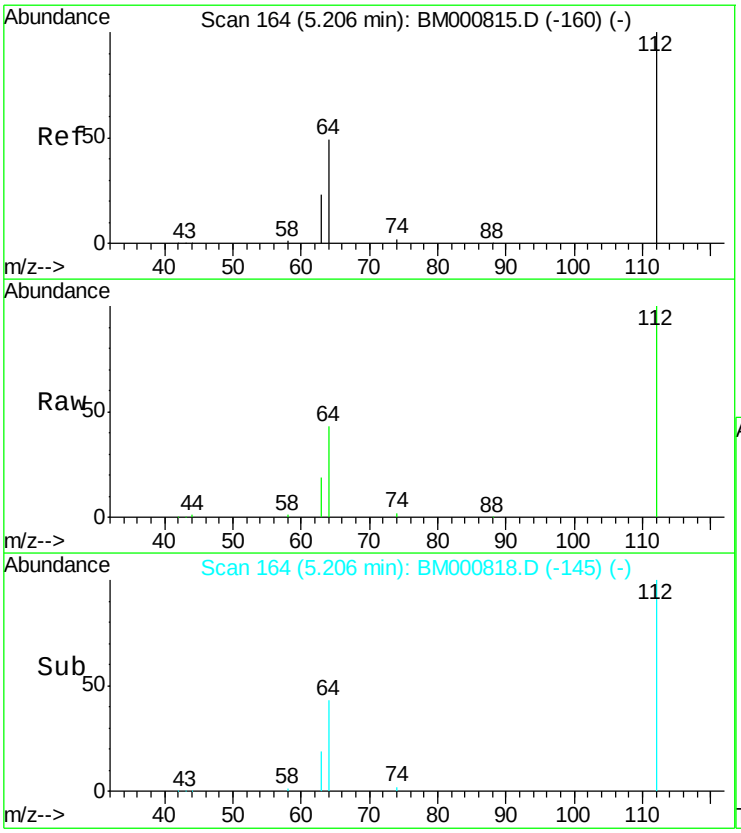
#3
n-Nitrosodimethylamine
Concen: 12.79 ng
RT: 3.41 min Scan# 48
Delta R.T. -0.03 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 42069

Ion	Ratio	Lower	Upper
42	100		
74	5.9	93.1	139.7#
44	6.7	56.6	85.0#

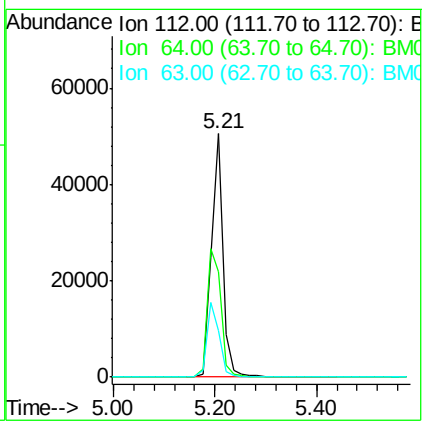


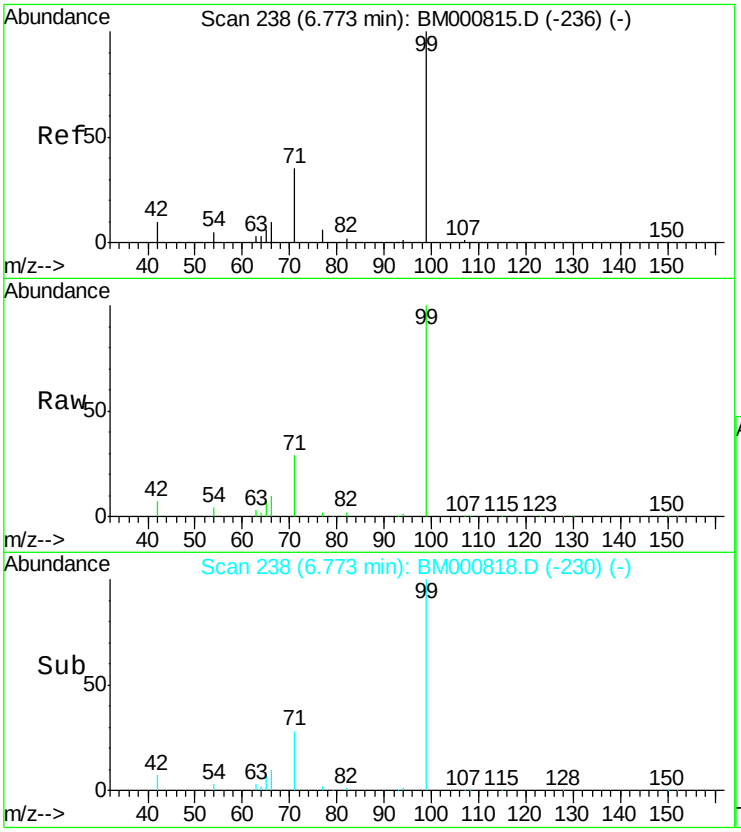


#4
2-Fluorophenol
Concen: 11.44 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:112 Resp: 81561

Ion	Ratio	Lower	Upper
112	100		
64	43.2	40.3	60.5
63	18.9	19.0	28.4#



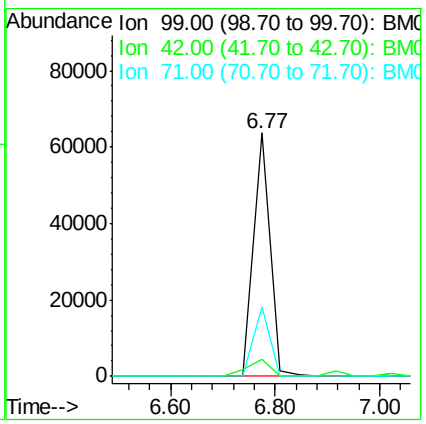


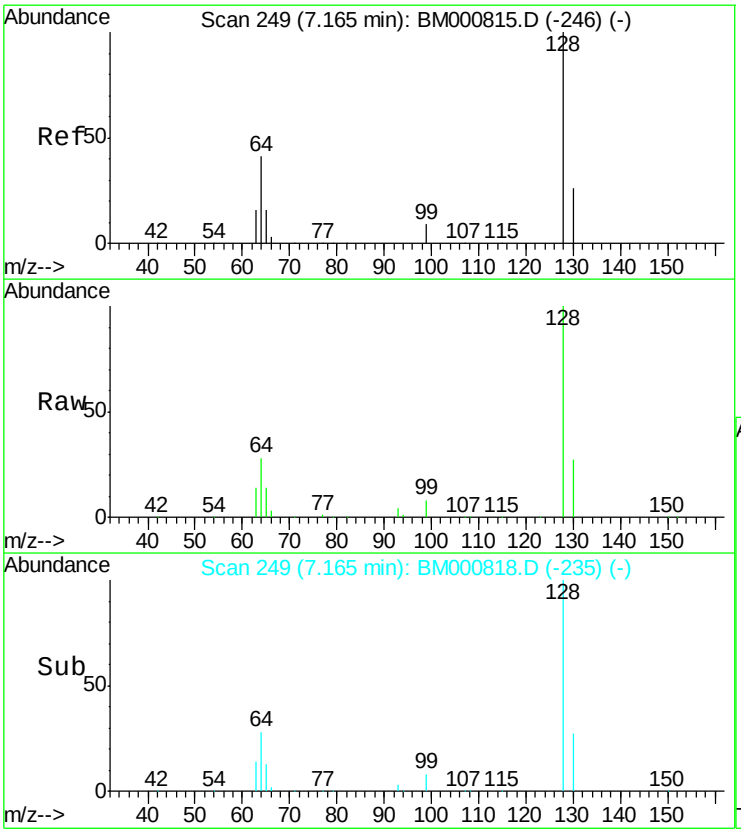
#5
Phenol-d6
Concen: 14.10 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 140222

Ion	Ratio	Lower	Upper
99	100		
42	6.9	10.2	15.4#
71	28.5	28.6	43.0#

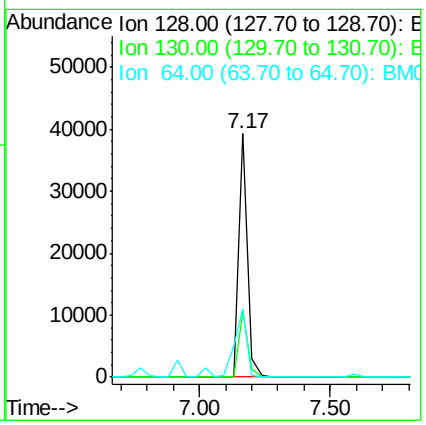


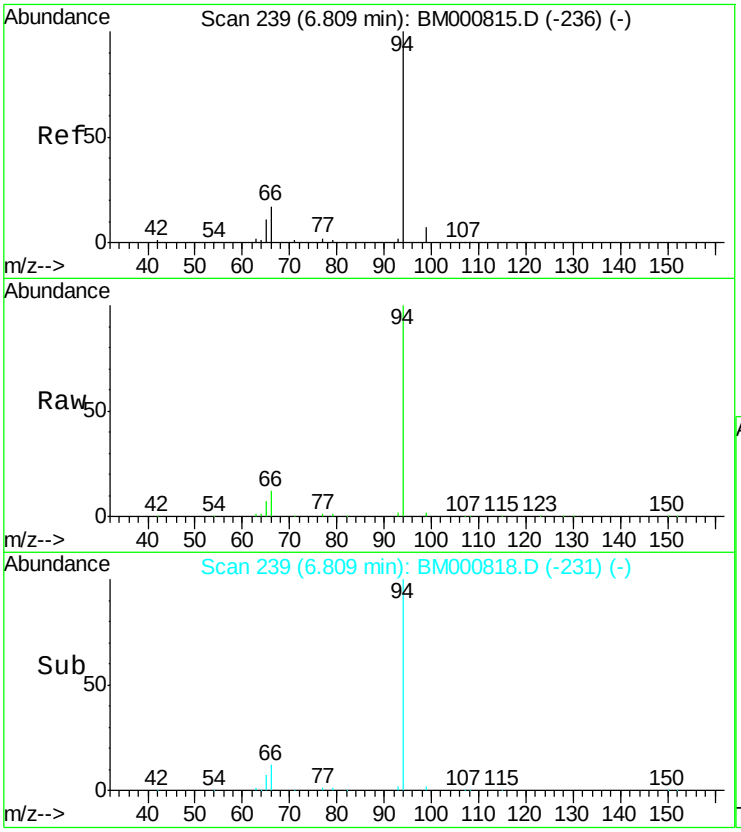


#6
2-Chlorophenol
Concen: 12.92 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:128 Resp: 91330

Ion	Ratio	Lower	Upper
128	100		
130	26.9	7.6	47.6
64	28.2	23.1	63.1



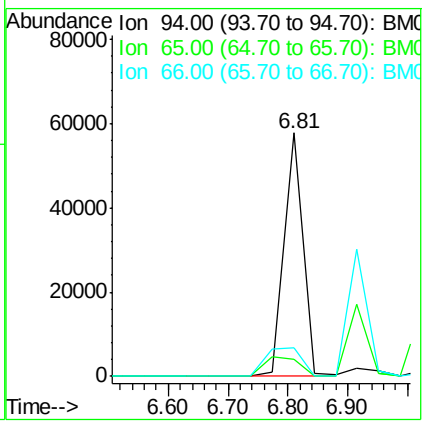


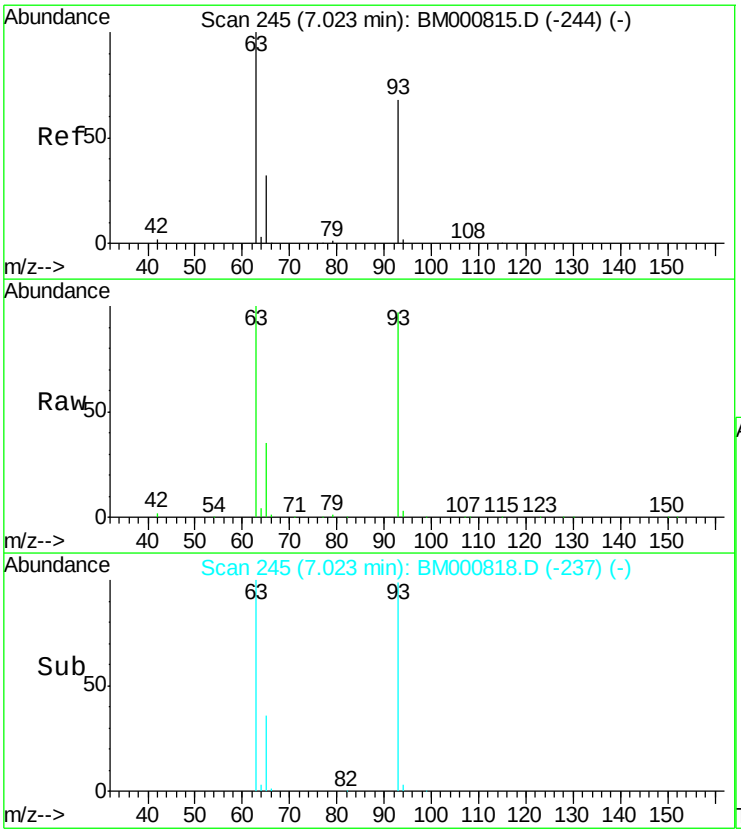
#7
Phenol
Concen: 11.90 ng
RT: 6.81 min Scan# 239
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 94 Resp: 127072

Ion	Ratio	Lower	Upper
94	100		
65	7.0	0.0	32.0
66	11.7	0.0	37.6

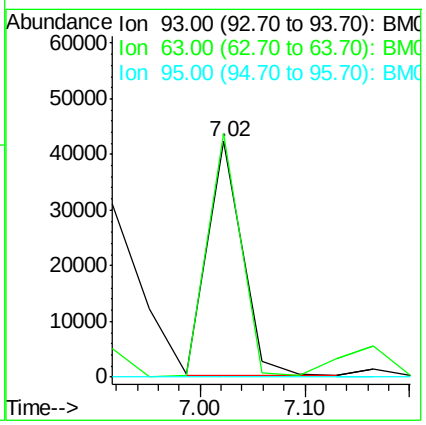


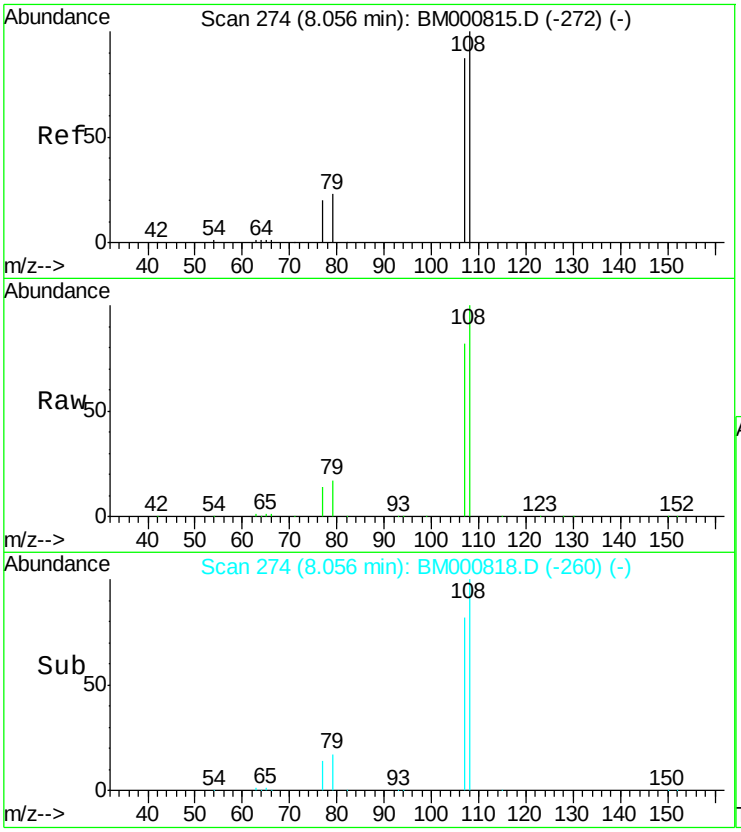


#8
bis(2-Chloroethyl)ether
Concen: 13.07 ng
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion: 93 Resp: 95741

Ion	Ratio	Lower	Upper
93	100		
63	103.4	118.9	158.9#
95	0.0	0.0	20.0



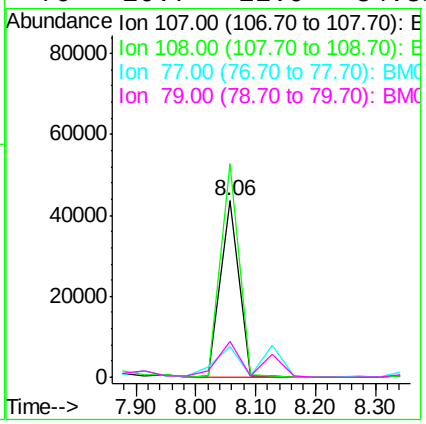


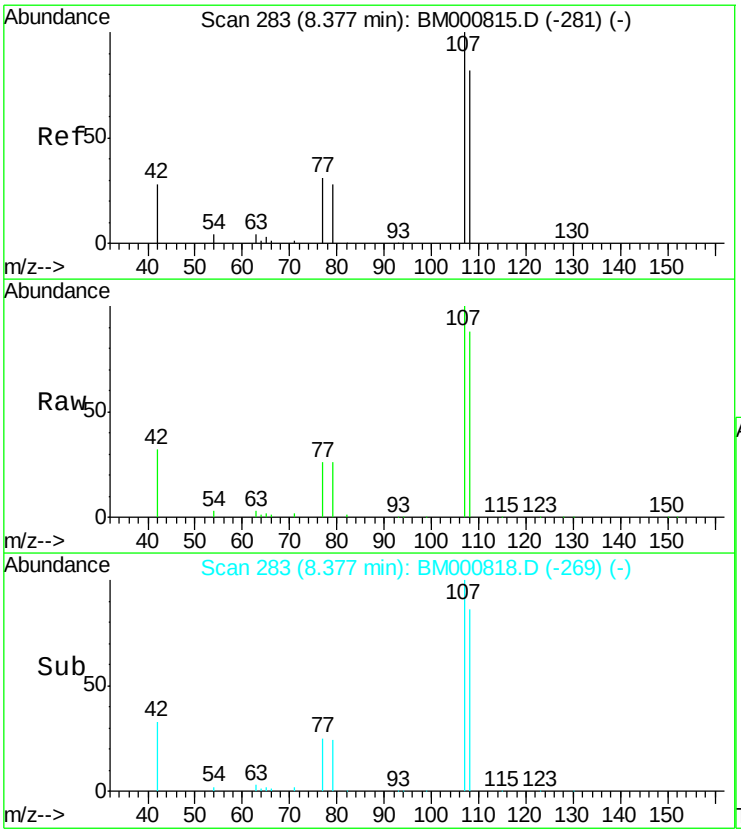
#9
2-Methylphenol
Concen: 12.43 ng
RT: 8.06 min Scan# 274
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 94686

Ion	Ratio	Lower	Upper
107	100		
108	121.2	92.0	138.0
77	17.3	20.6	31.0#
79	20.7	22.9	34.3#

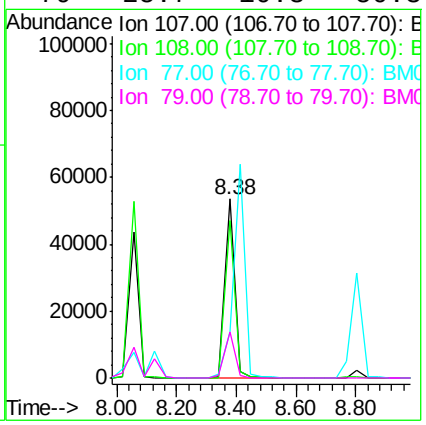


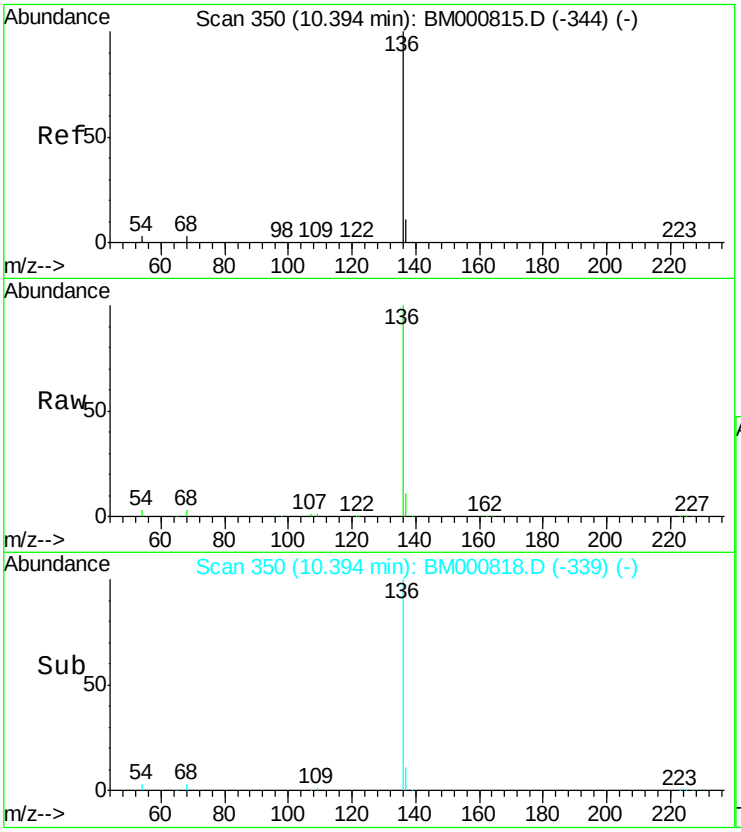


#10
3+4-Methylphenols
Concen: 13.96 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:107 Resp: 119377

Ion	Ratio	Lower	Upper
107	100		
108	87.9	62.6	102.6
77	25.8	12.8	52.8
79	25.7	10.3	50.3



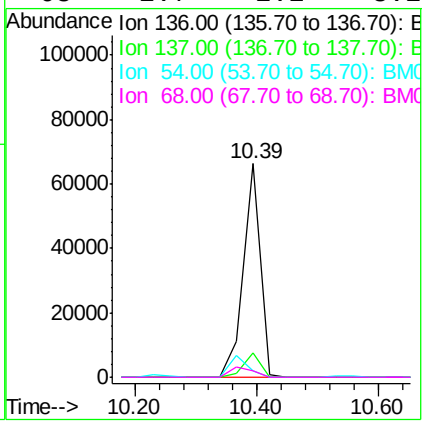


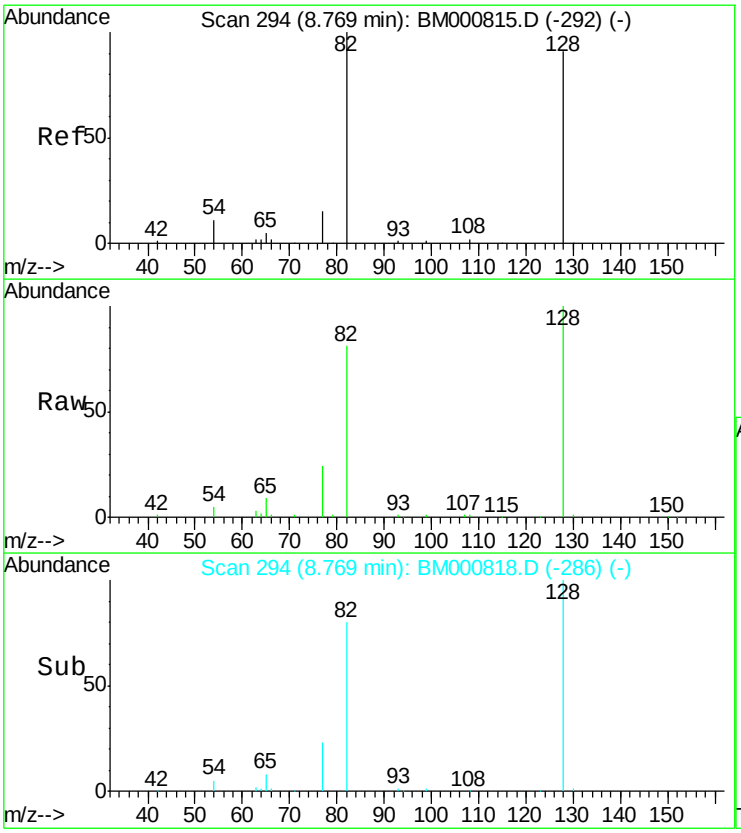
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 128297

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	2.7	2.2	3.4
68	2.7	2.2	3.2

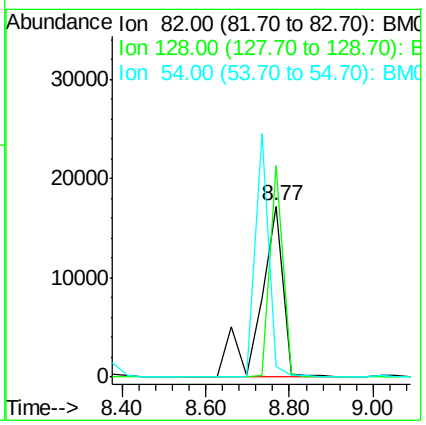


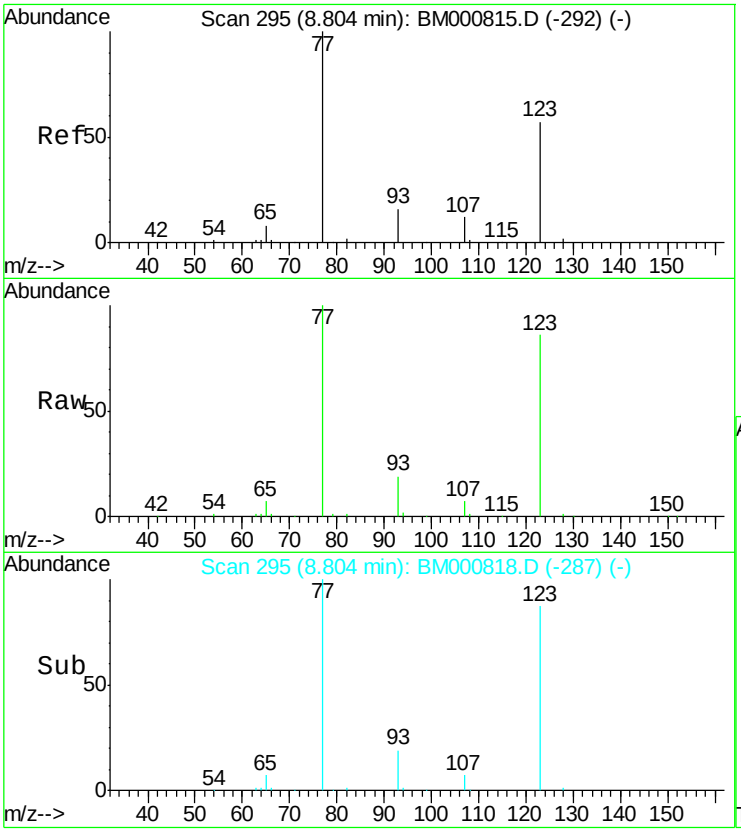


#12
Nitrobenzene-d5
Concen: 12.03 ng
RT: 8.77 min Scan# 294
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion: 82 Resp: 65011

Ion	Ratio	Lower	Upper
82	100		
128	124.1	72.5	108.7#
54	6.3	11.8	17.8#



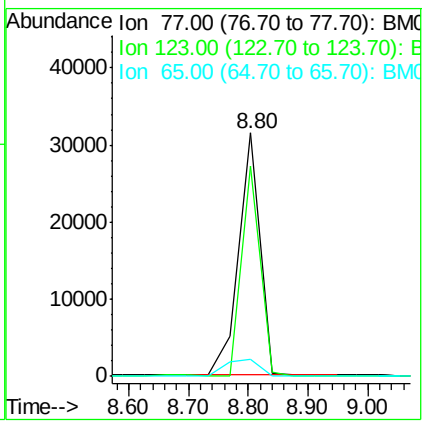


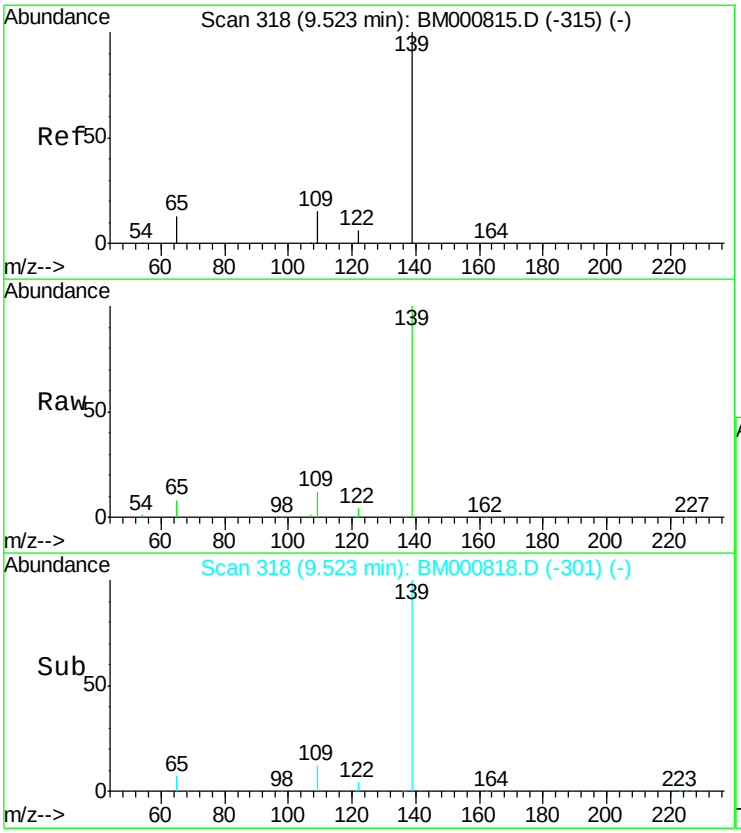
#13
Nitrobenzene
Concen: 11.28 ng
RT: 8.80 min Scan# 295
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 78847

Ion	Ratio	Lower	Upper
77	100		
123	86.3	45.8	68.6#
65	7.3	8.2	12.4#

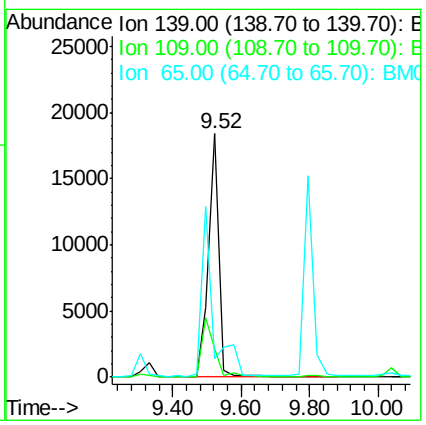


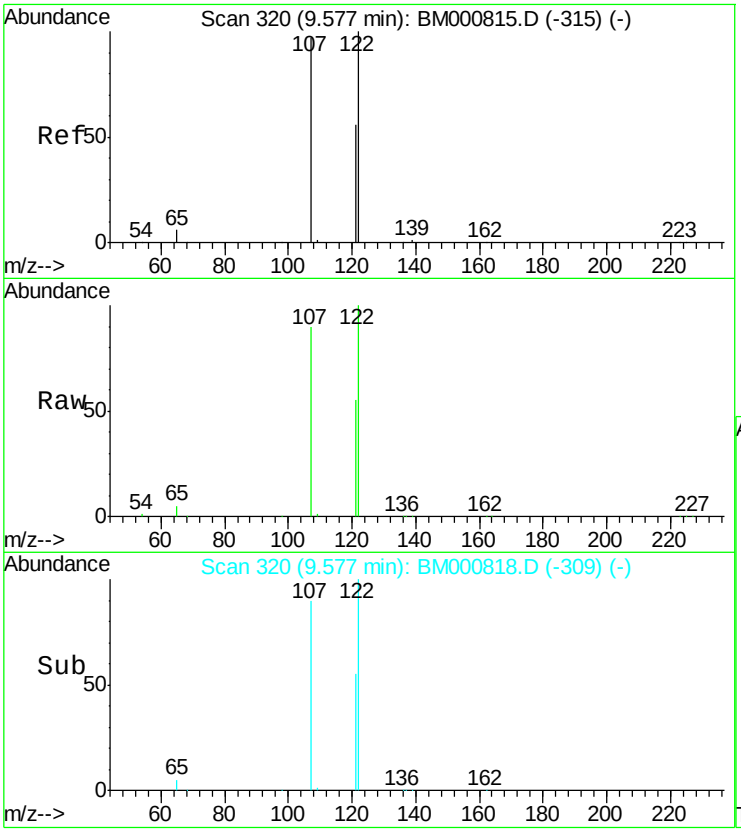


#14
2-Nitrophenol
Concen: 4.20 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:139 Resp: 40105

Ion	Ratio	Lower	Upper
139	100		
109	11.5	15.0	22.6#
65	7.6	14.2	21.4#



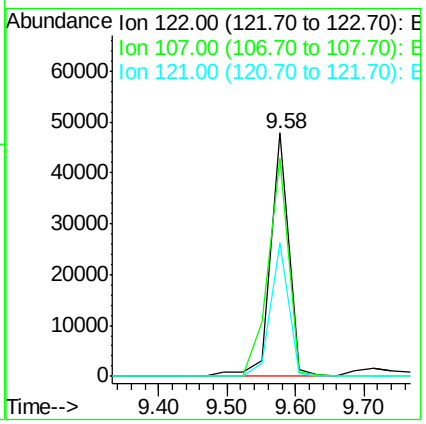


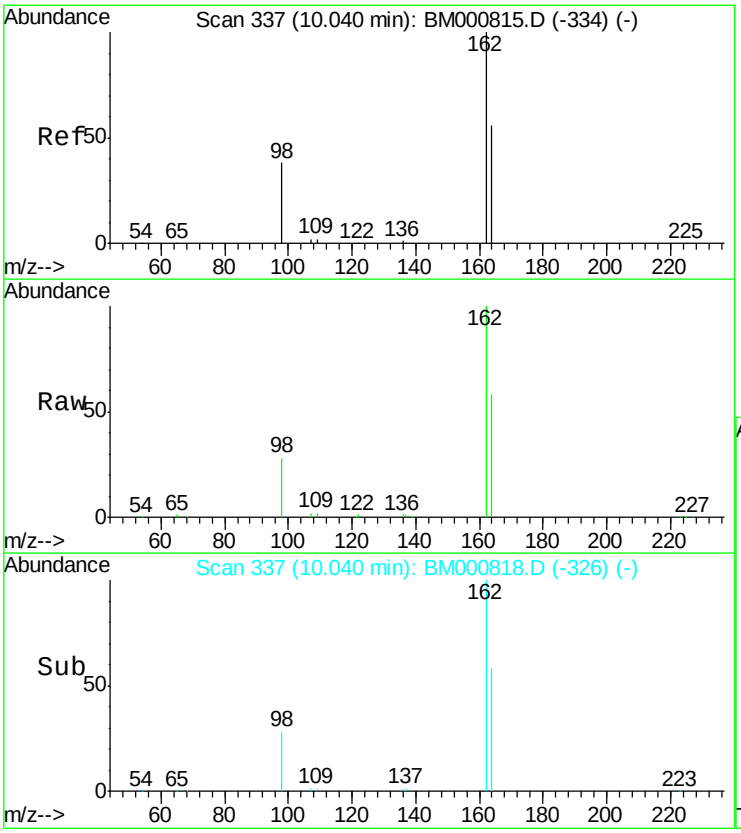
#15
2,4-Dimethylphenol
Concen: 12.11 ng
RT: 9.58 min Scan# 320
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 88027

Ion	Ratio	Lower	Upper
122	100		
107	89.8	78.2	117.4
121	55.0	45.4	68.0

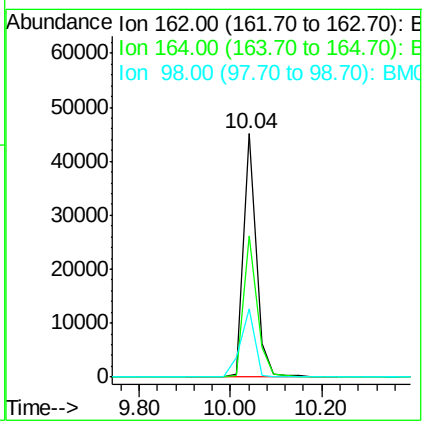


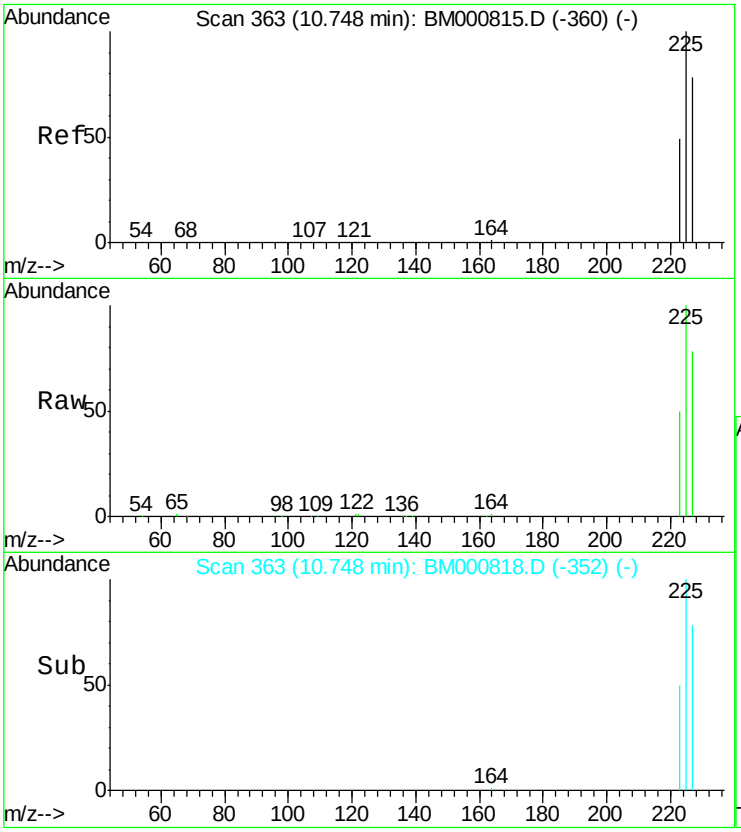


#16
2,4-Dichlorophenol
Concen: 13.44 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:162 Resp: 86609

Ion	Ratio	Lower	Upper
162	100		
164	58.2	37.1	77.1
98	27.8	19.5	59.5



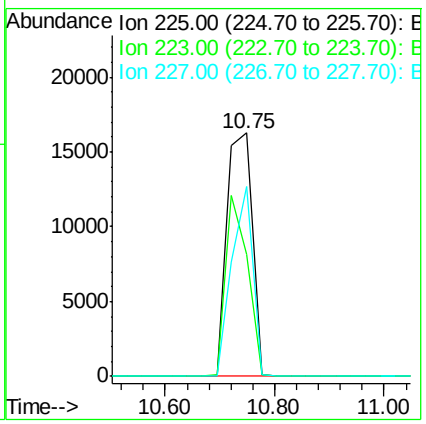


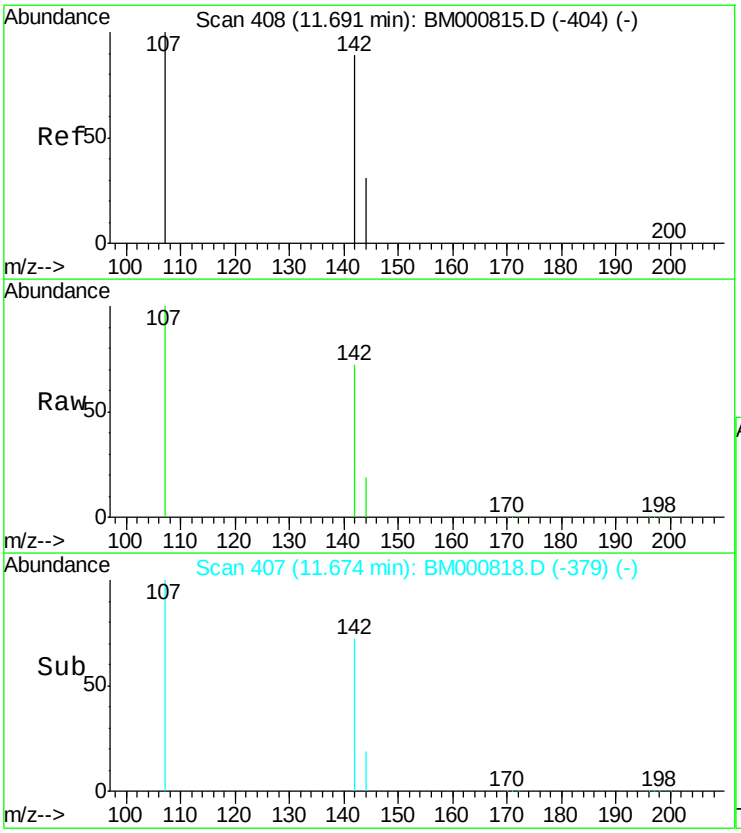
#17
Hexachlorobutadiene
Concen: 10.46 ng
RT: 10.75 min Scan# 363
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:225 Resp: 51861

Ion	Ratio	Lower	Upper
225	100		
223	50.0	40.8	61.2
227	77.9	62.8	94.2

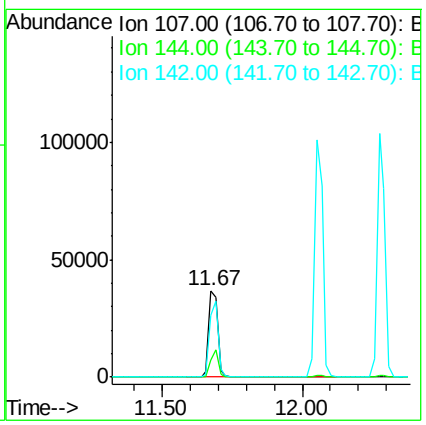


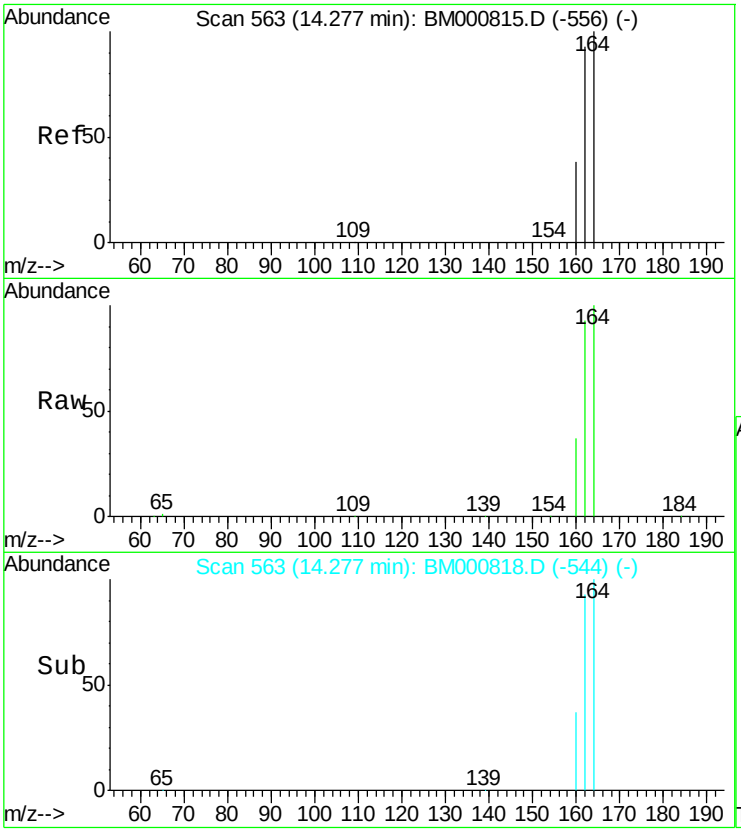


#18
4-Chloro-3-methylphenol
Concen: 12.60 ng
RT: 11.67 min Scan# 407
Delta R.T. -0.02 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:107 Resp: 81159

Ion	Ratio	Lower	Upper
107	100		
144	19.4	25.8	38.8#
142	71.8	71.3	106.9



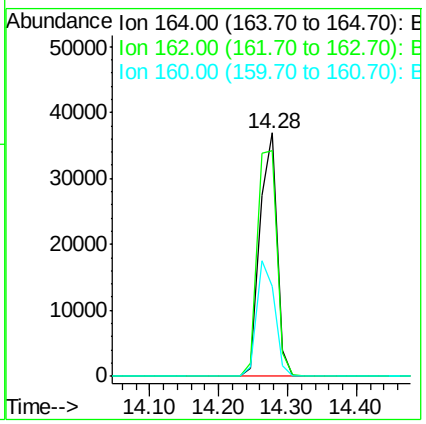


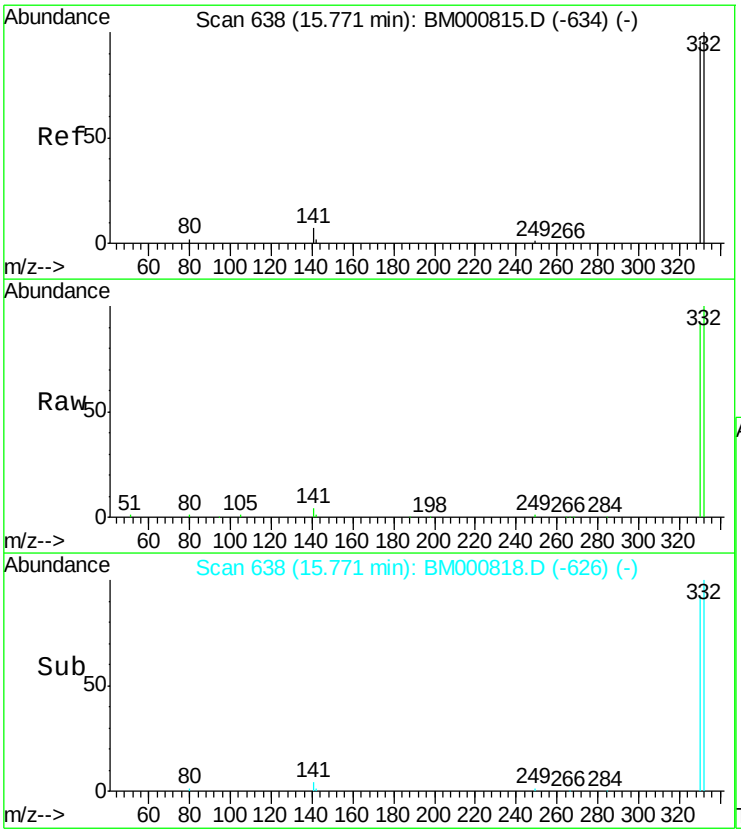
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 563
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 64587

Ion	Ratio	Lower	Upper
164	100		
162	92.9	74.2	111.2
160	37.2	30.4	45.6

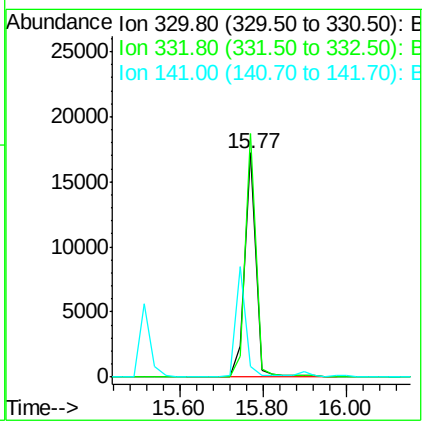


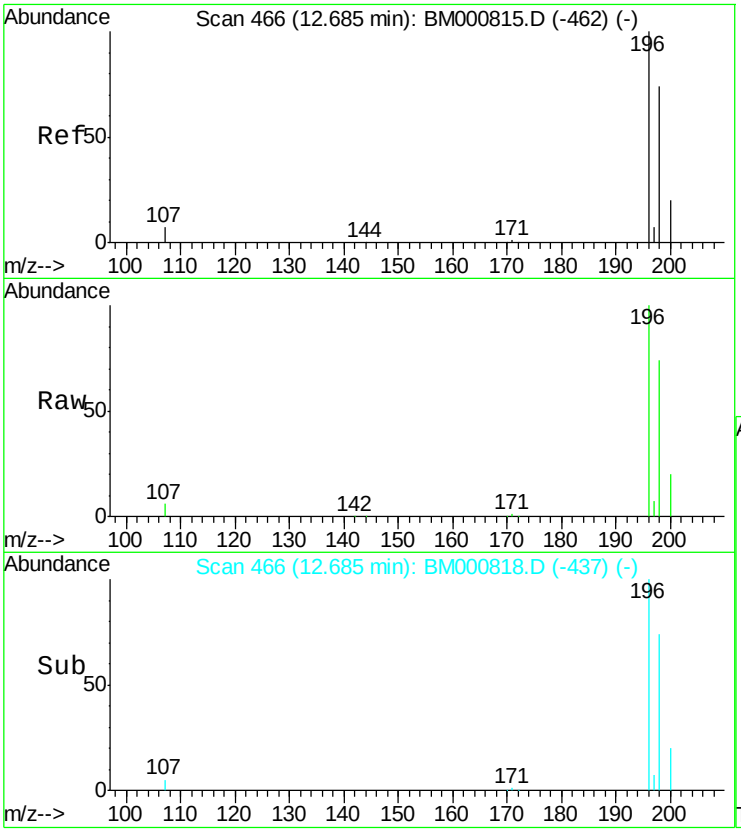


#20
2,4,6-Tribromophenol
Concen: 15.12 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:330 Resp: 31413

Ion	Ratio	Lower	Upper
330	100		
332	103.5	78.7	118.1
141	0.0	0.0	0.0



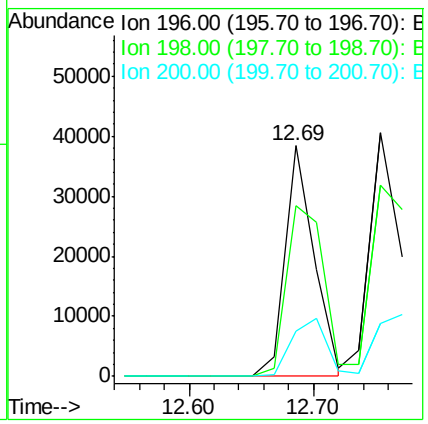


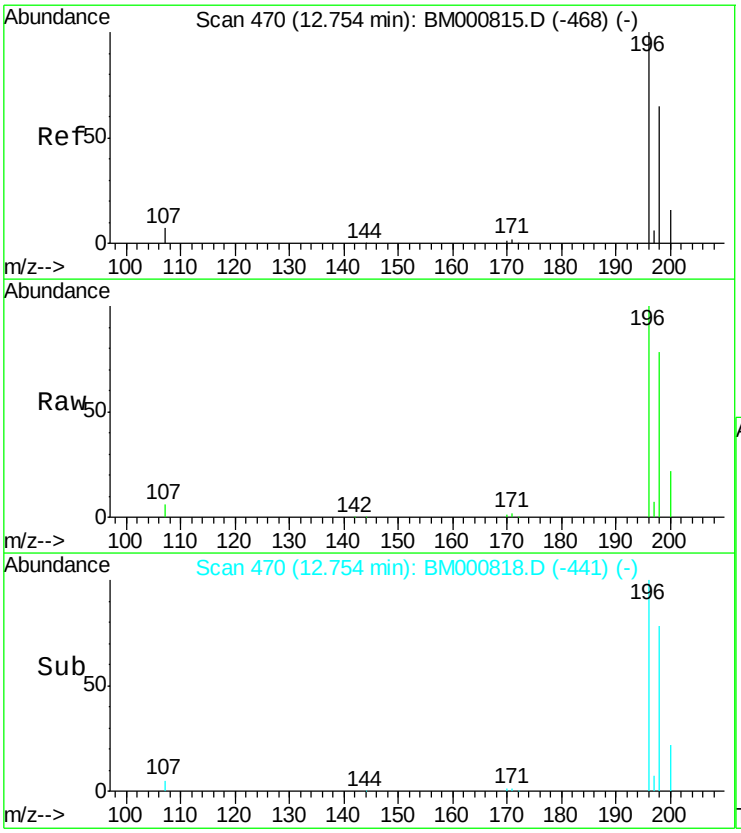
#21
2,4,6-Trichlorophenol
Concen: 15.40 ng
RT: 12.69 min Scan# 466
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 62297

Ion	Ratio	Lower	Upper
196	100		
198	74.3	59.5	89.3
200	19.8	17.4	26.0

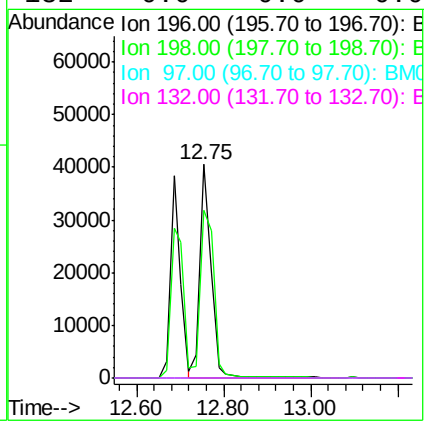


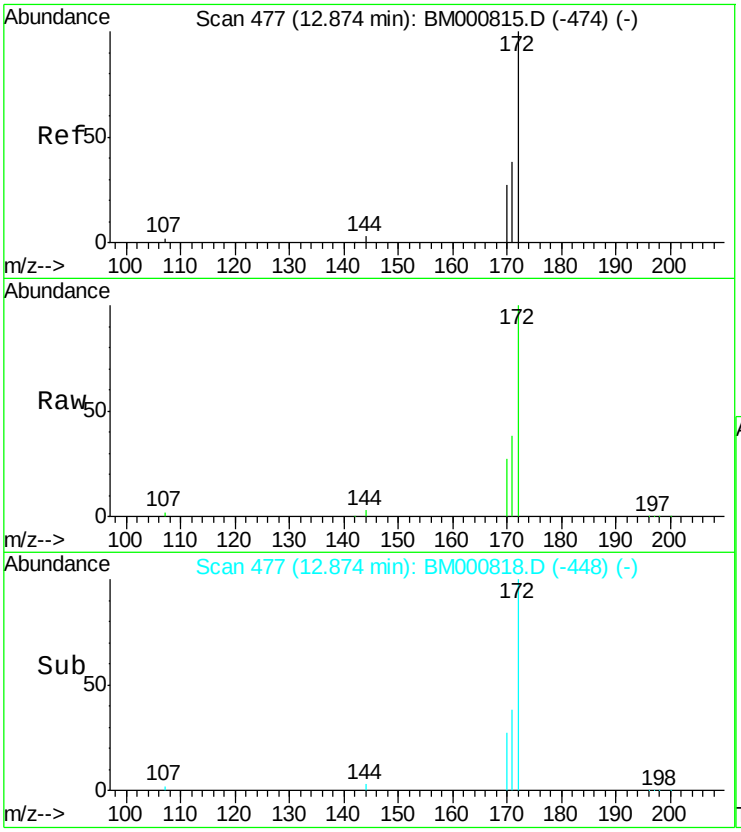


#22
2,4,5-Trichlorophenol
Concen: 14.62 ng
RT: 12.75 min Scan# 470
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:196 Resp: 70711

Ion	Ratio	Lower	Upper
196	100		
198	78.4	57.9	86.9
97	0.0	0.0	0.0
132	0.0	0.0	0.0



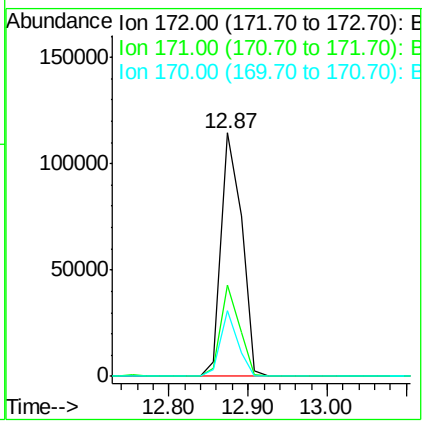


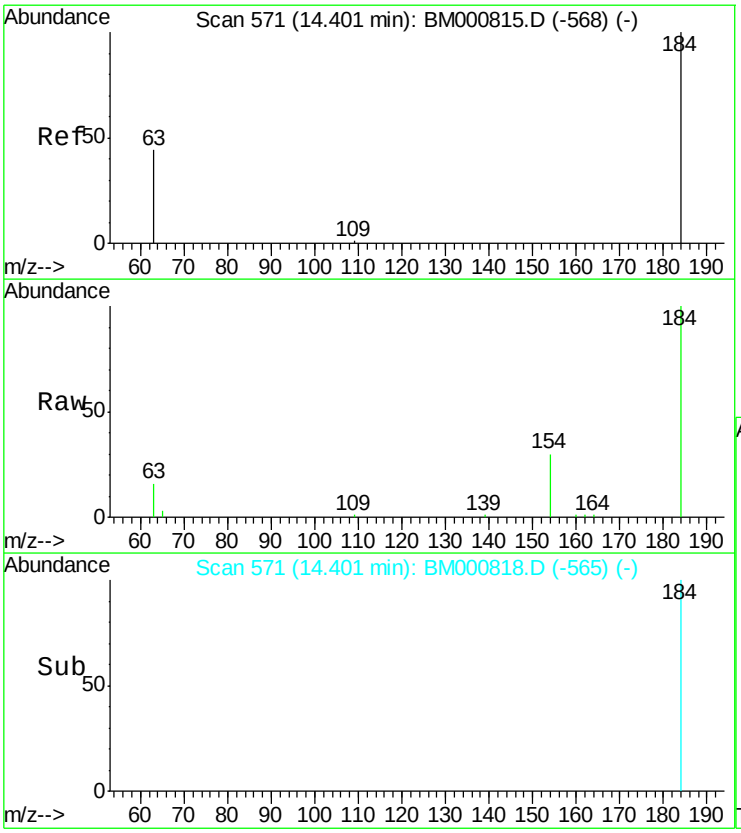
#23
2-Fluorobiphenyl
Concen: 10.32 ng
RT: 12.87 min Scan# 477
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 205272

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.6	46.0
170	27.2	22.2	33.2

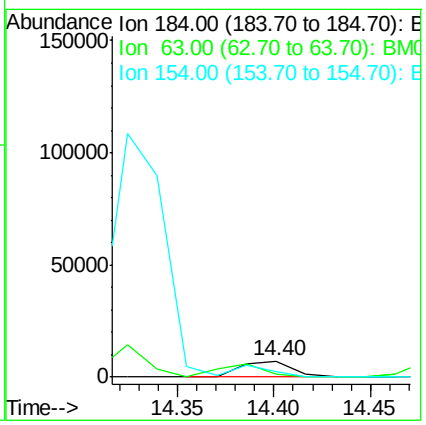


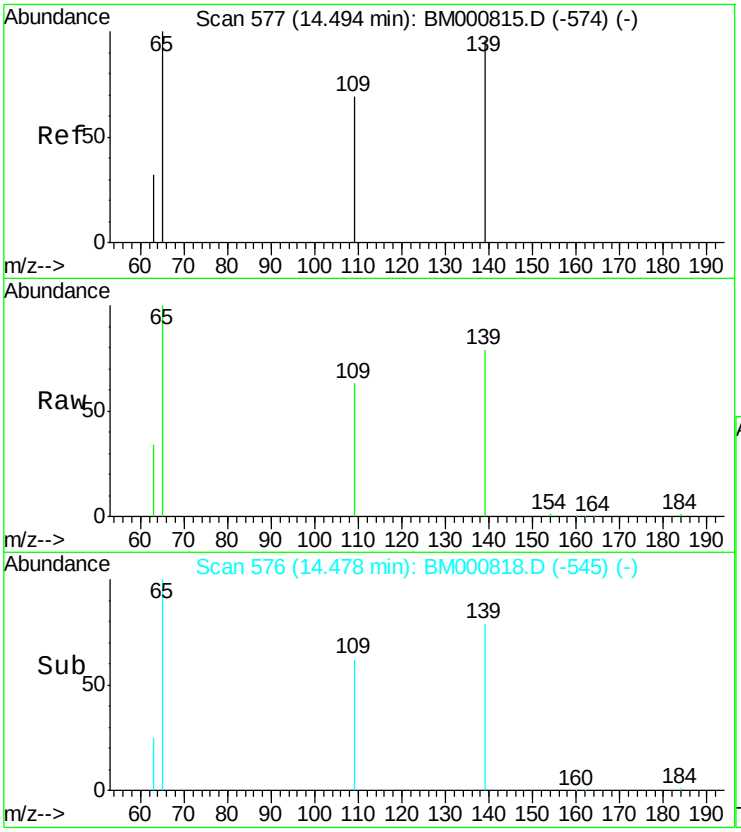


#24
2,4-Dinitrophenol
Concen: 21.63 ng
RT: 14.40 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:184 Resp: 13705

Ion	Ratio	Lower	Upper
184	100		
63	16.0	62.7	94.1#
154	30.2	63.6	95.4#



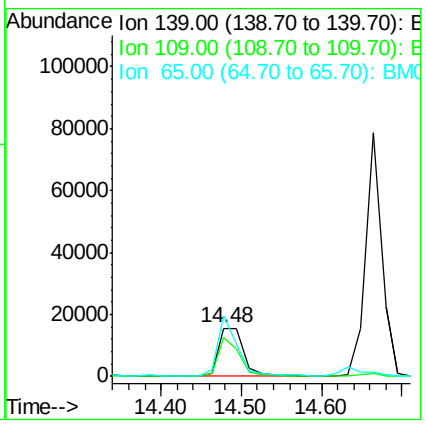


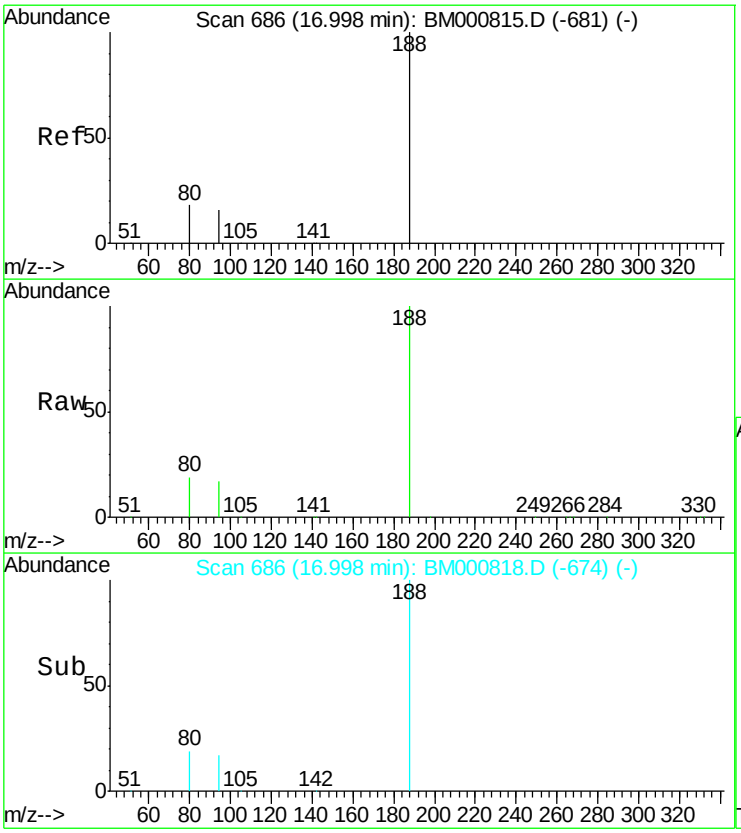
#25
4-Nitrophenol
Concen: 21.62 ng
RT: 14.48 min Scan# 576
Delta R.T. -0.02 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:139 Resp: 34026

Ion	Ratio	Lower	Upper
139	100		
109	79.8	58.2	98.2
65	126.8	90.4	130.4

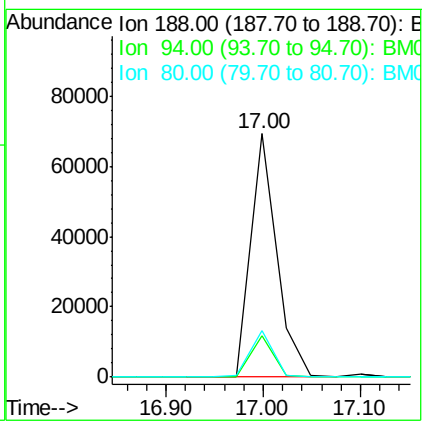


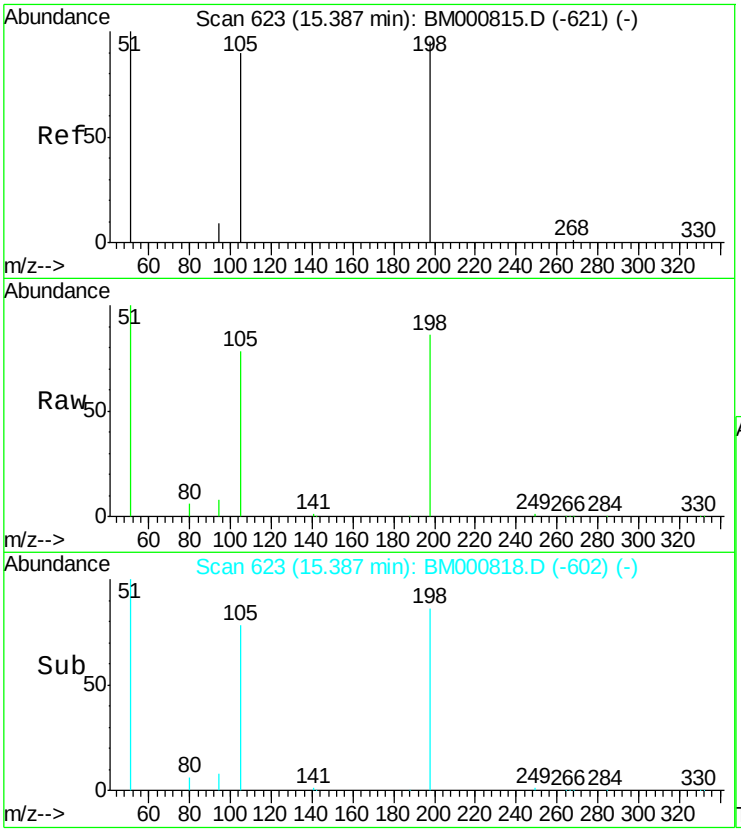


#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:188 Resp: 128358

Ion	Ratio	Lower	Upper
188	100		
94	16.8	13.0	19.6
80	19.0	14.7	22.1



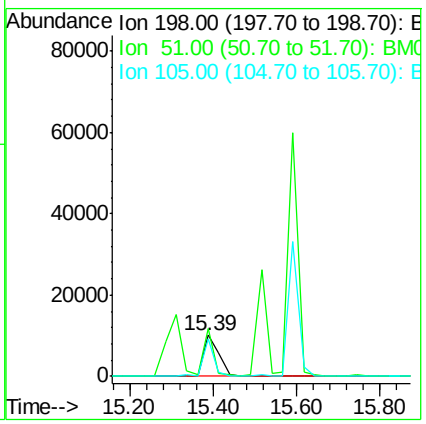


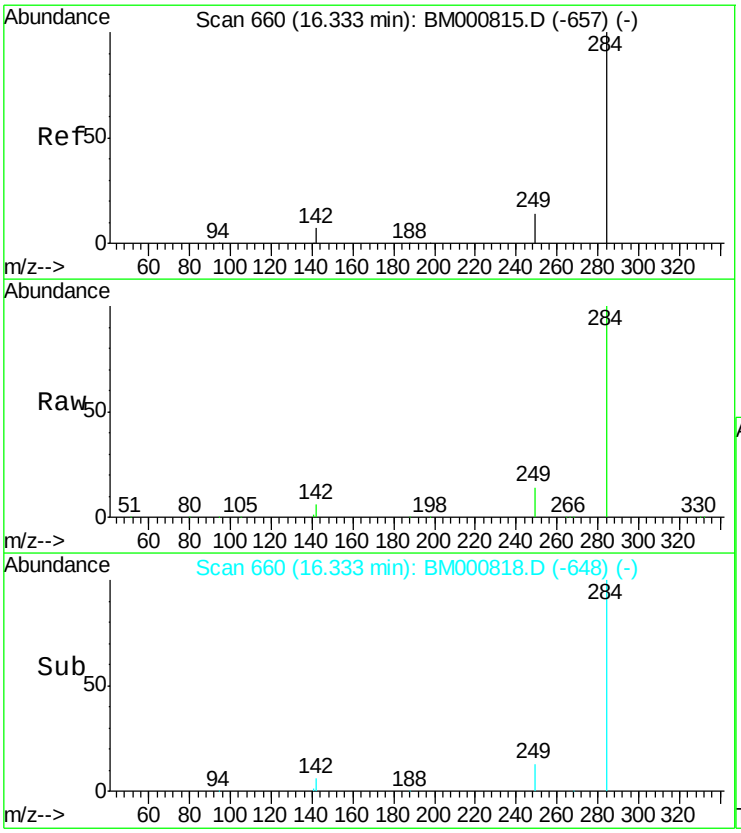
#27
4,6-Dinitro-2-methylphenol
Concen: 18.99 ng
RT: 15.39 min Scan# 623
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 25494

Ion	Ratio	Lower	Upper
198	100		
51	116.1	139.3	179.3#
105	90.7	88.8	128.8

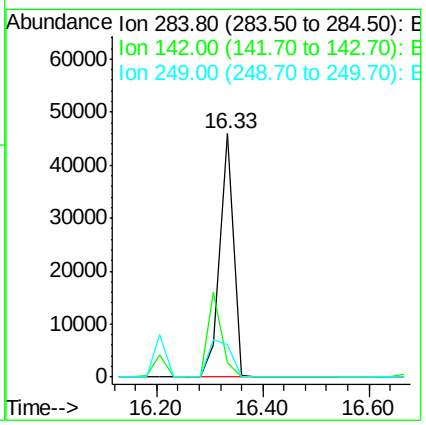


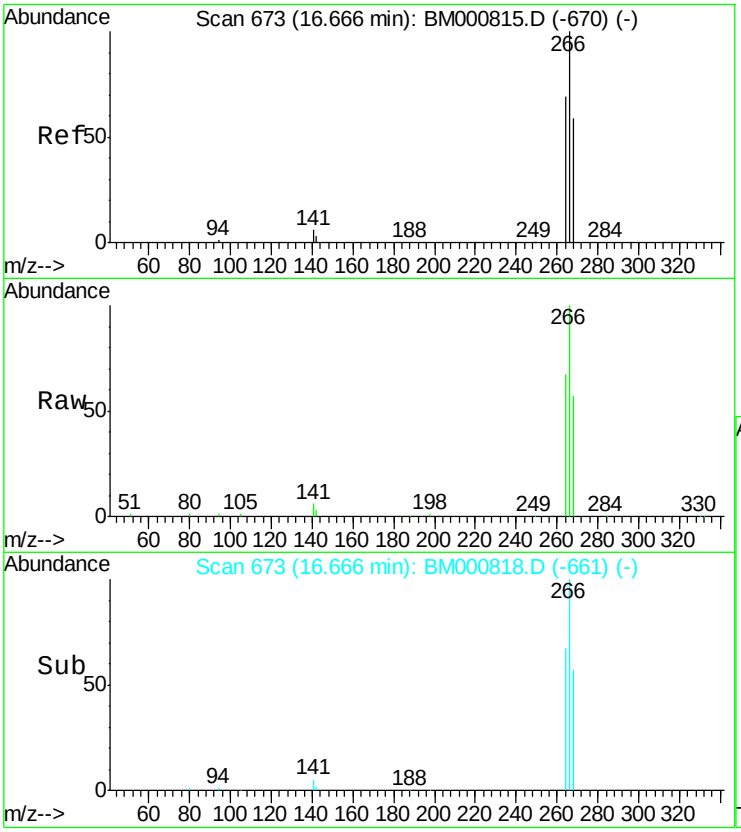


#28
Hexachlorobenzene
Concen: 11.06 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:284 Resp: 80173

Ion	Ratio	Lower	Upper
284	100		
142	5.9	6.5	9.7#
249	13.6	12.6	18.8



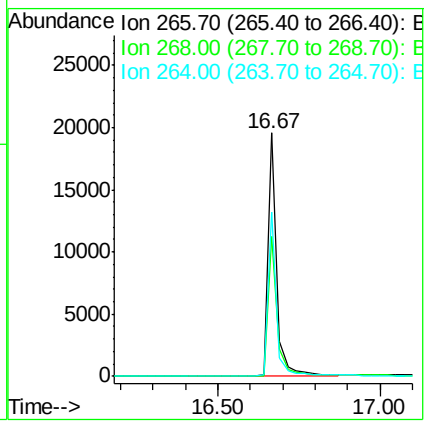


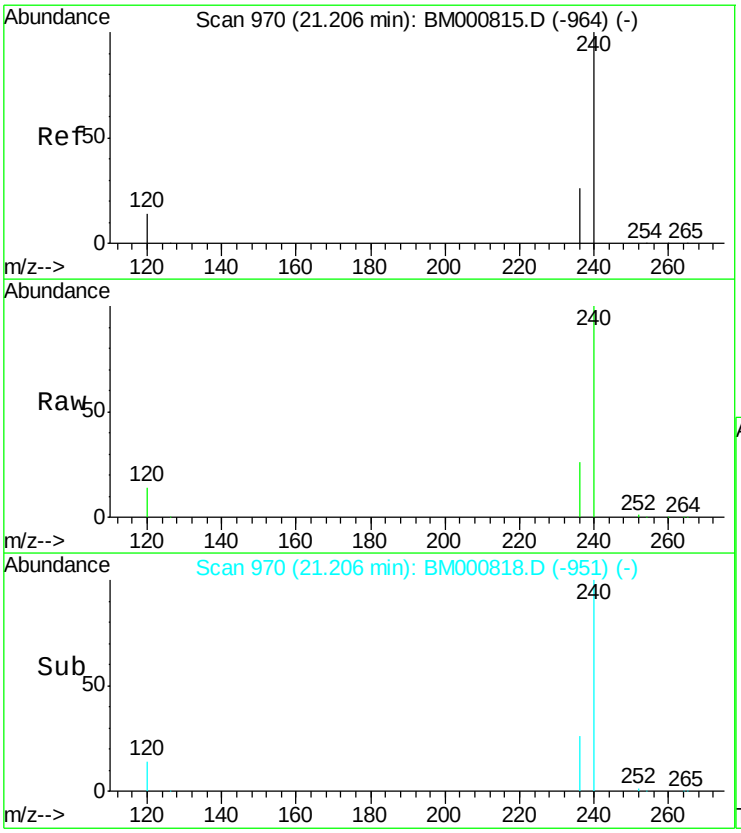
#29
Pentachlorophenol
Concen: 23.14 ng
RT: 16.67 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:266 Resp: 37144

Ion	Ratio	Lower	Upper
266	100		
268	57.4	51.4	77.0
264	67.4	57.1	85.7

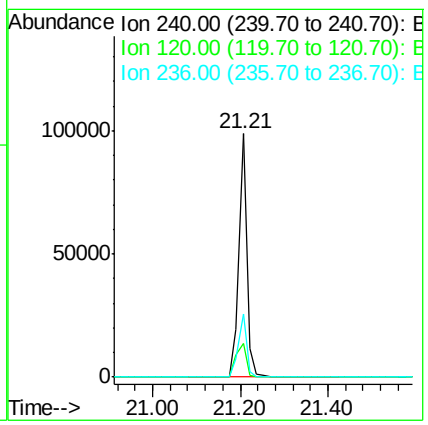


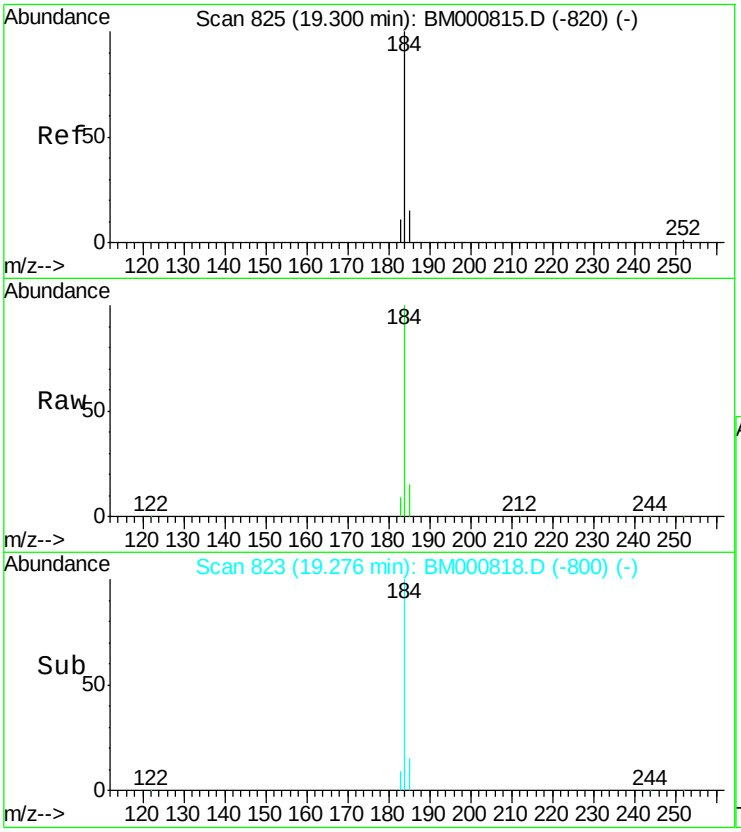


#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:240 Resp: 122731

Ion	Ratio	Lower	Upper
240	100		
120	13.6	11.3	16.9
236	26.1	21.1	31.7



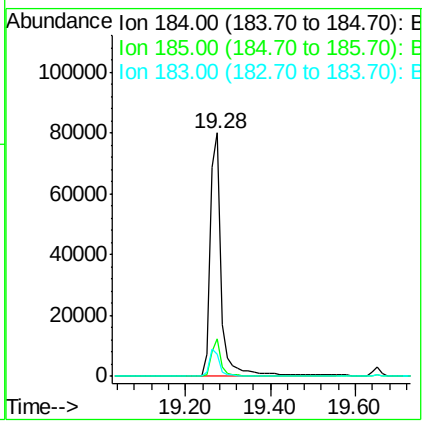


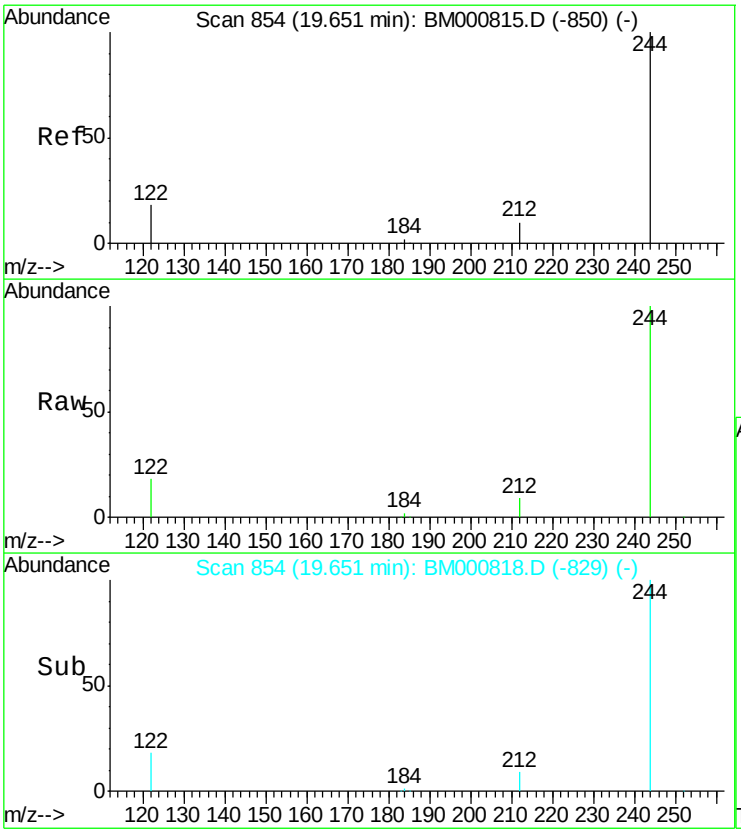
#31
Benzidine
Concen: 23.56 ng
RT: 19.28 min Scan# 823
Delta R.T. -0.02 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 144720

Ion	Ratio	Lower	Upper
184	100		
185	15.4	39.1	58.7#
183	9.4	36.1	54.1#

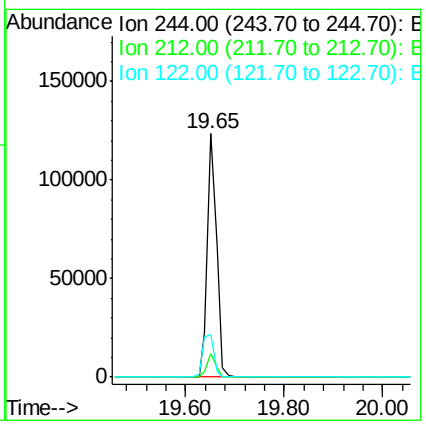


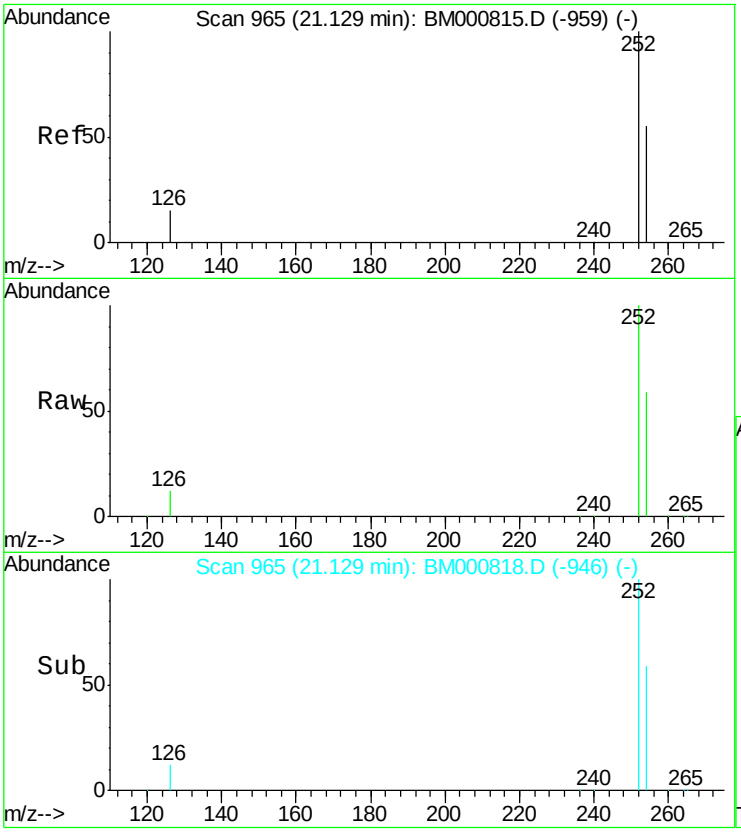


#32
Terphenyl-d14
Concen: 10.81 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:244 Resp: 159704

Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.0	12.0
122	17.6	14.7	22.1



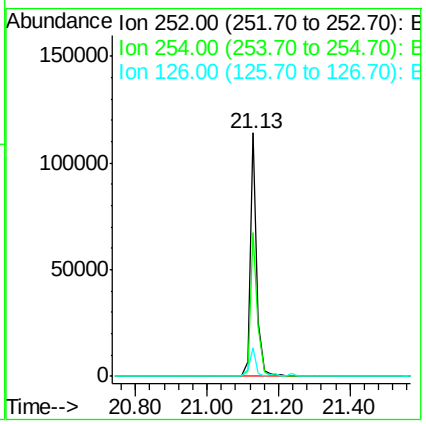


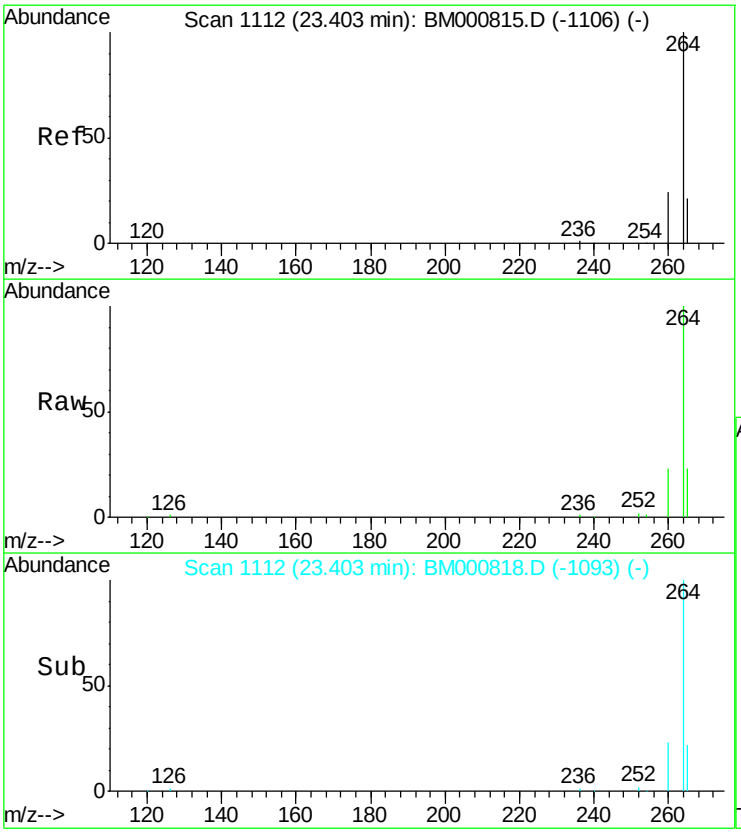
#33
3,3'-Dichlorobenzidine
Concen: 15.78 ng
RT: 21.13 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 141797

Ion	Ratio	Lower	Upper
252	100		
254	59.0	44.5	66.7
126	11.7	13.6	20.4#





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BM000818.D
Acq: 02 Apr 2015 22:08

Tgt Ion:264 Resp: 109730

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	22.9	17.5	26.3