Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120715\
Data File : BM003403.D
Acq On : 07 Dec 2015 12:09
Operator : UM/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 07 15:22:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM120715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 15:08:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	72625	5.00	ng		0.00
11) Naphthalene-d8	10.52	136	252291	5.00	ng		0.00
20) Acenaphthene-d10	14.37	164	121453	5.00	ng		0.00
27) Phenanthrene-d10	17.12	188	201381	5.00	ng		0.00
31) Chrysene-d12	21.32	240	247119	5.00	ng		0.00
35) Perylene-d12	23.57	264	171439	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	11613	0.93	ng		0.00
5) Phenol-d6	6.88	99	16641	0.95	ng		0.00
12) Nitrobenzene-d5	8.86	82	12924	0.97	ng		0.00
21) 2,4,6-Tribromophenol	15.85	330	3327	1.00	ng		0.00
24) 2-Fluorobiphenyl	13.00	172	43643	1.02	ng		0.00
33) Terphenyl-d14	19.75	244	32157	0.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	5923	1.00	ng	#	55
3) n-Nitrosodimethylamine	3.53	42	5577	0.97	ng		96
6) 2-Chlorophenol	7.29	128	15674	0.96	ng		89
7) Phenol	6.91	94	17412	0.95	ng		99
8) bis(2-Chloroethyl)ether	7.15	93	12638	0.97	ng	#	39
9) 2-Methylphenol	8.17	107	9728	0.95	ng		95
10) 3+4-Methylphenols	8.48	107	14343	0.96	ng	#	36
13) Nitrobenzene	8.91	77	13294	0.96	ng	#	44
14) 2-Nitrophenol	9.65	139	5184	0.91	ng	#	75
15) 2,4-Dimethylphenol	9.69	122	12893	0.97	ng	#	65
16) 2,4-Dichlorophenol	10.16	162	12319	0.99	ng		96
17) Hexachlorobutadiene	10.84	225	9061	0.98	ng		97
18) 4-Chloro-3-methylphenol	11.77	107	10368	0.96	ng	#	65
19) 2-Methylnaphthalene	12.18	142	37921	0.97	ng		95
22) 2,4,6-Trichlorophenol	12.80	196	7804	0.96	ng	#	52
23) 2,4,5-Trichlorophenol	12.80	196	7802	0.84	ng	#	83
25) 2,4-Dinitrophenol	14.49	184	948	1.09	ng	#	77
26) 4-Nitrophenol	14.57	139	3647	0.94	ng	#	81
28) 4,6-Dinitro-2-methylphenol	15.50	198	2339	0.97	ng	#	37
29) Hexachlorobenzene	16.42	284	9117	1.07	ng	#	17
30) Pentachlorophenol	16.78	266	2189	0.91	ng	#	82
32) Benzidine	19.38	184	12643	0.90	ng		96
34) 3,3'-Dichlorobenzidine	21.25	252	10922	0.71	ng	#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120715\
Data File : BM003403.D
Acq On : 07 Dec 2015 12:09
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 07 15:22:12 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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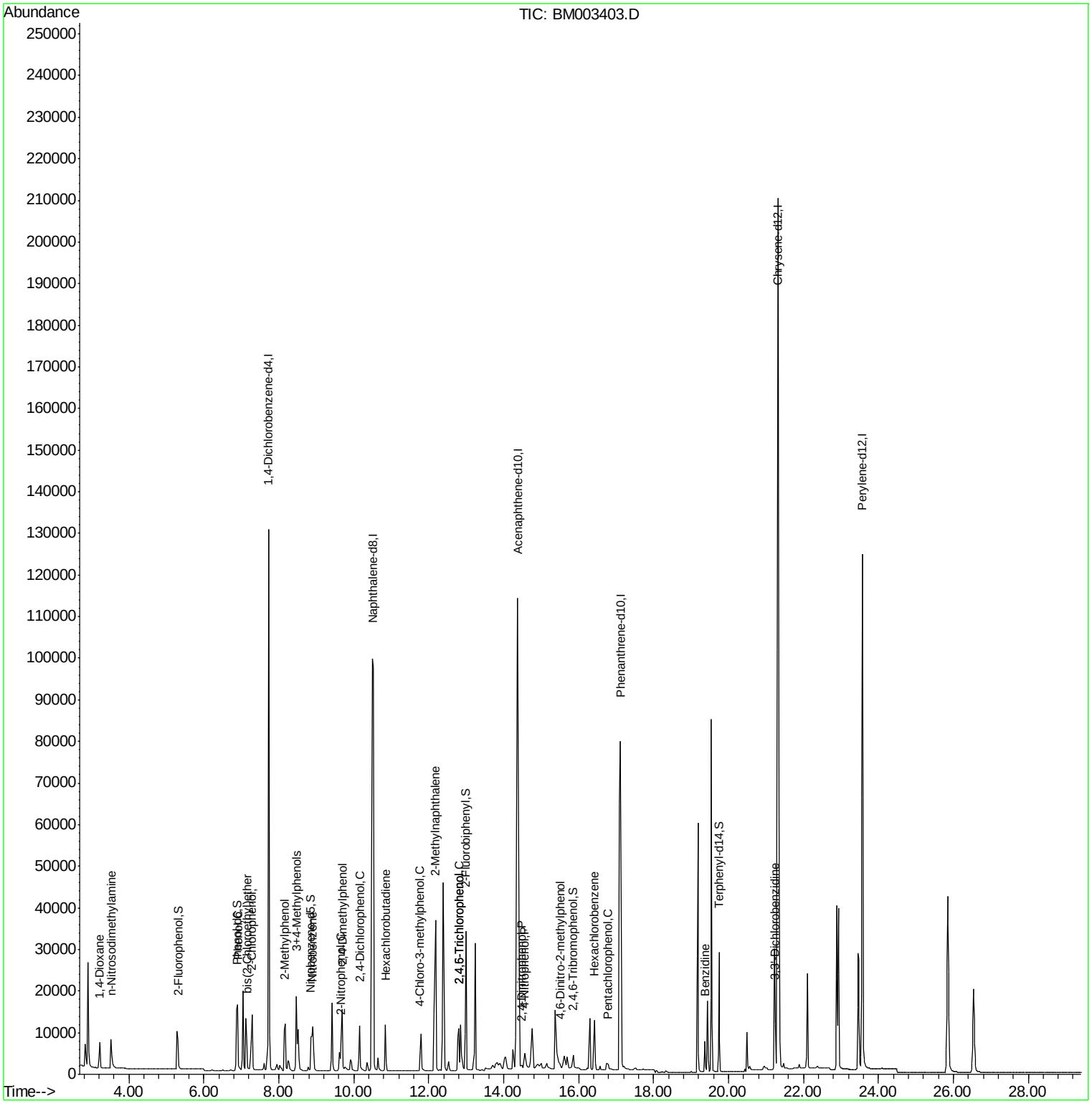
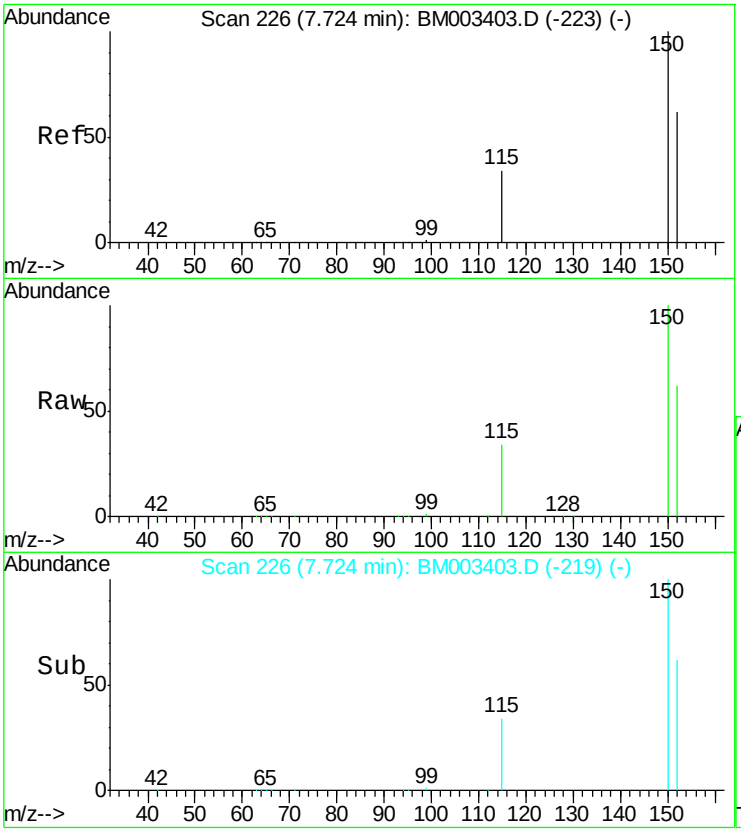


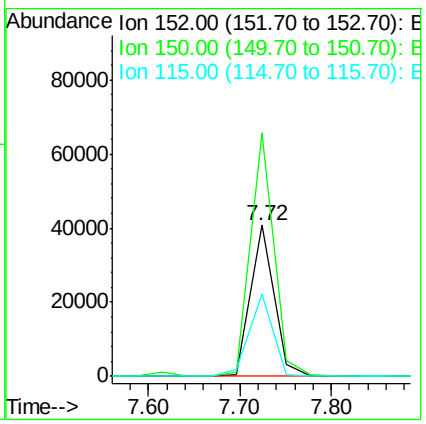


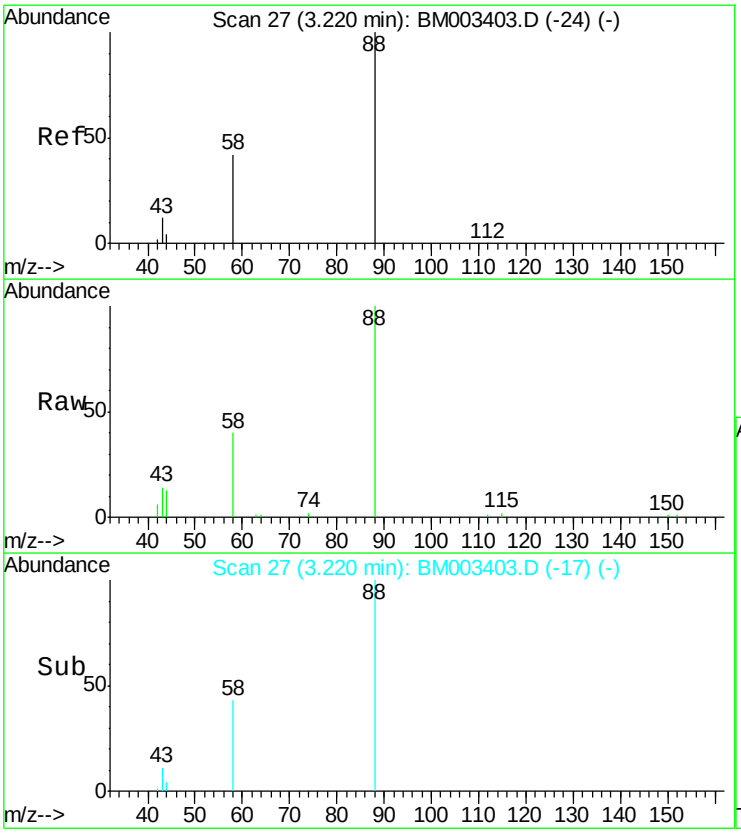
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 226
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 72625

Ion	Ratio	Lower	Upper
152	100		
150	161.4	116.3	174.5
115	55.0	31.9	47.9#

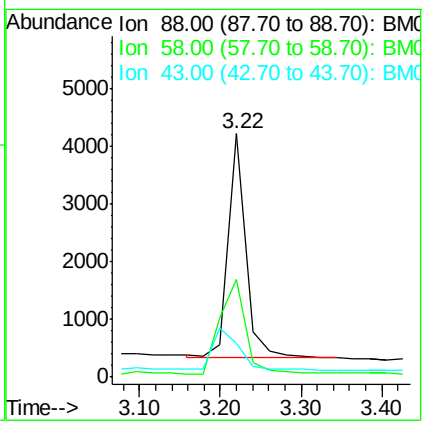


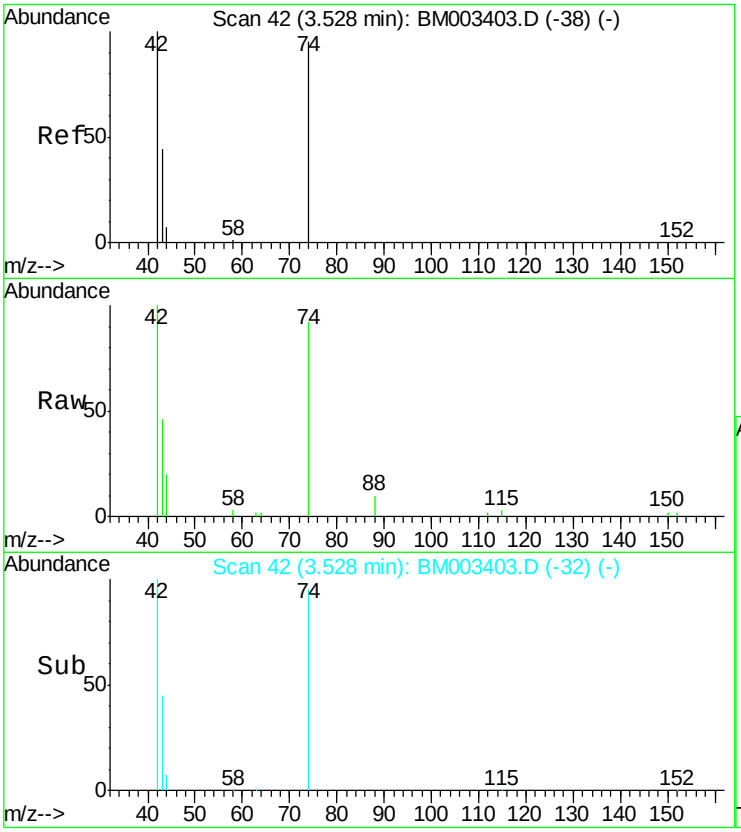


#2
1,4-Dioxane
Concen: 1.00 ng
RT: 3.22 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion: 88 Resp: 5923

Ion	Ratio	Lower	Upper
88	100		
58	59.7	75.5	113.3#
43	0.0	32.7	49.1#



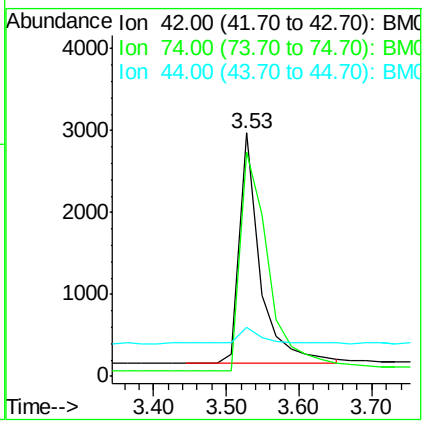


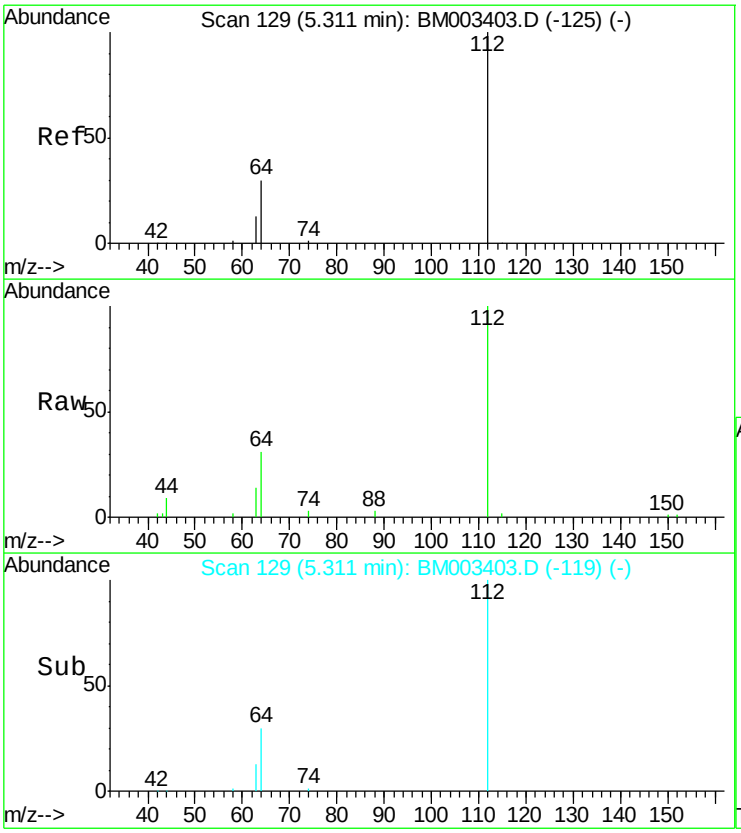
#3
n-Nitrosodimethylamine
Concen: 0.97 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 5577

Ion	Ratio	Lower	Upper
42	100		
74	130.7	101.0	151.4
44	7.8	6.3	9.5

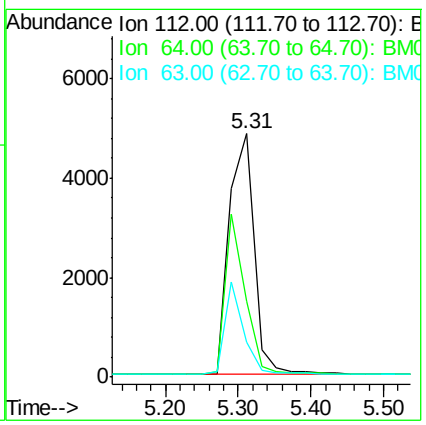


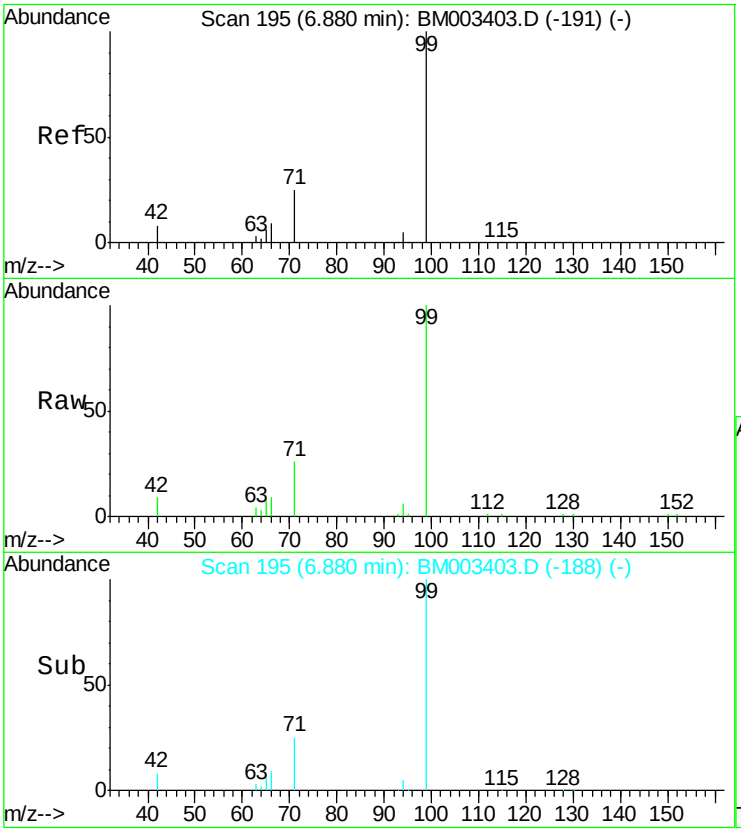


#4
2-Fluorophenol
Concen: 0.93 ng
RT: 5.31 min Scan# 129
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:112 Resp: 11613

Ion	Ratio	Lower	Upper
112	100		
64	31.2	49.3	73.9#
63	14.2	26.2	39.4#



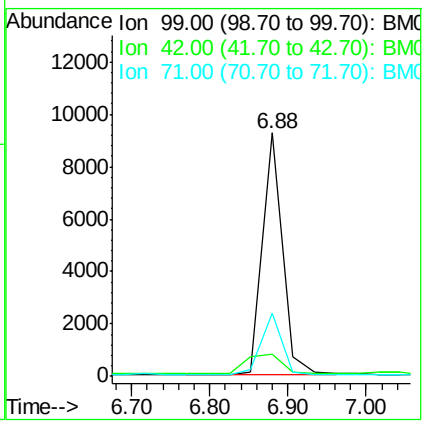


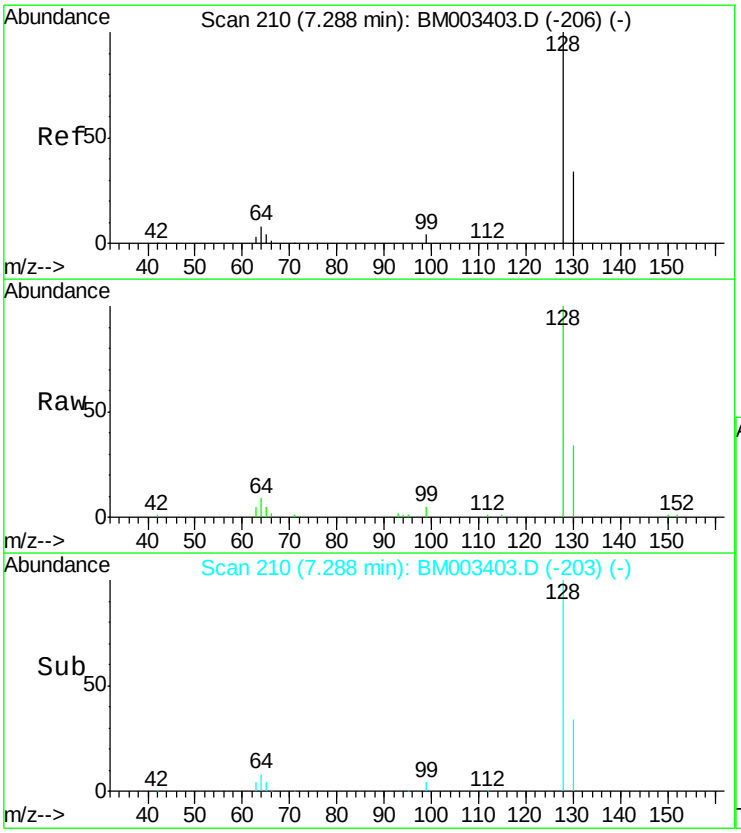
#5
Phenol-d6
Concen: 0.95 ng
RT: 6.88 min Scan# 195
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 16641

Ion	Ratio	Lower	Upper
99	100		
42	8.9	12.1	18.1#
71	25.9	26.4	39.6#

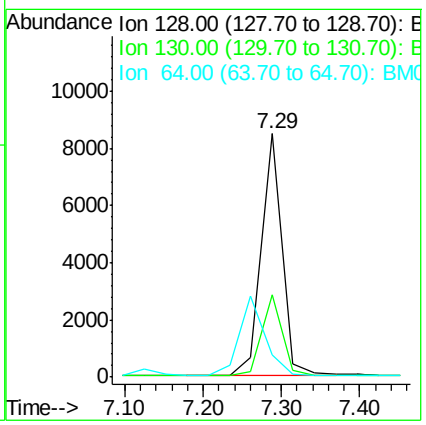


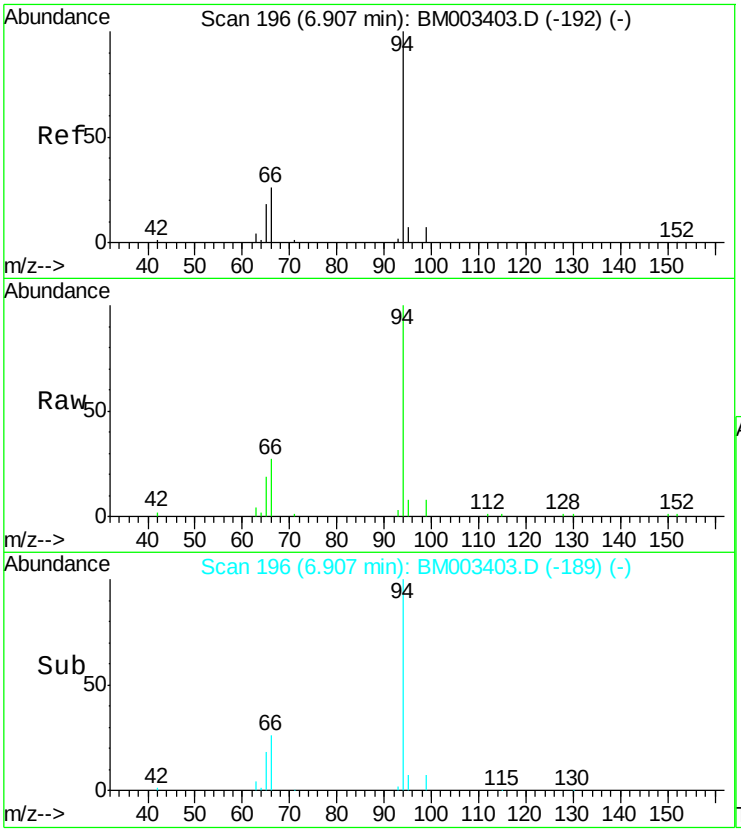


#6
2-Chlorophenol
Concen: 0.96 ng
RT: 7.29 min Scan# 210
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:128 Resp: 15674

Ion	Ratio	Lower	Upper
128	100		
130	34.0	22.2	62.2
64	9.1	0.0	28.7



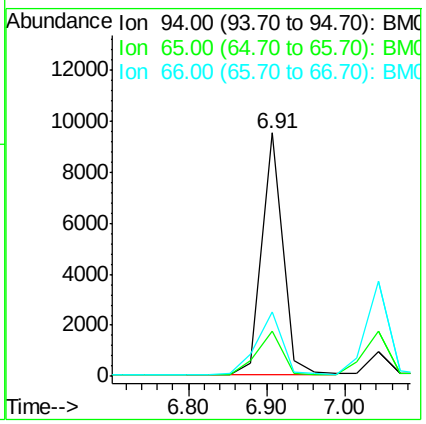


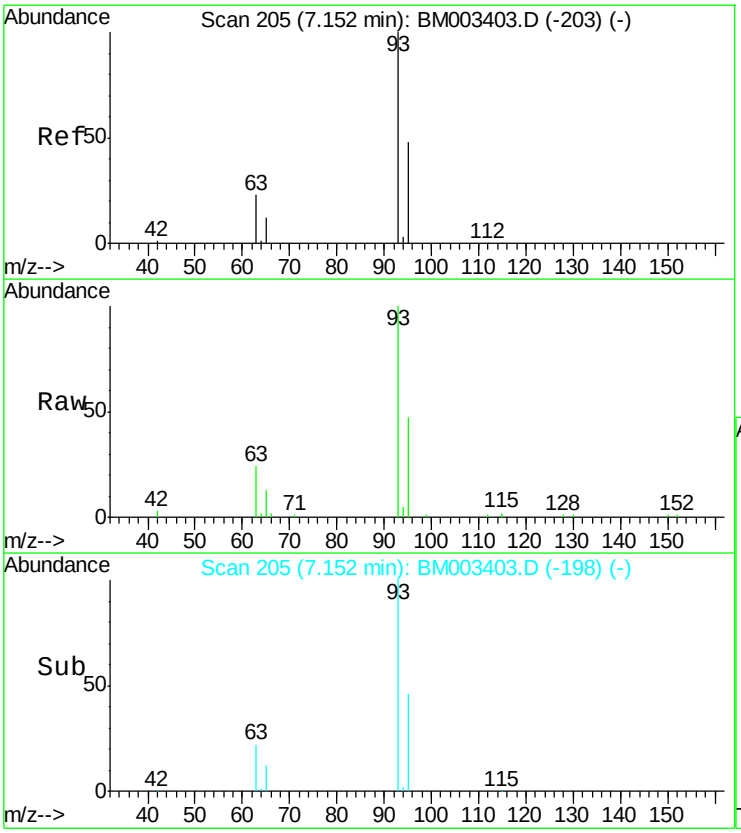
#7
Phenol
Concen: 0.95 ng
RT: 6.91 min Scan# 196
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 17412

Ion	Ratio	Lower	Upper
94	100		
65	18.6	0.0	37.7
66	26.6	6.3	46.3

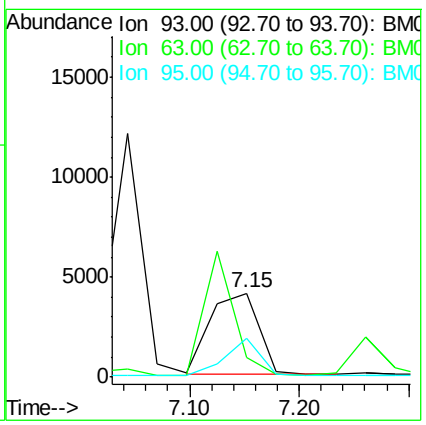


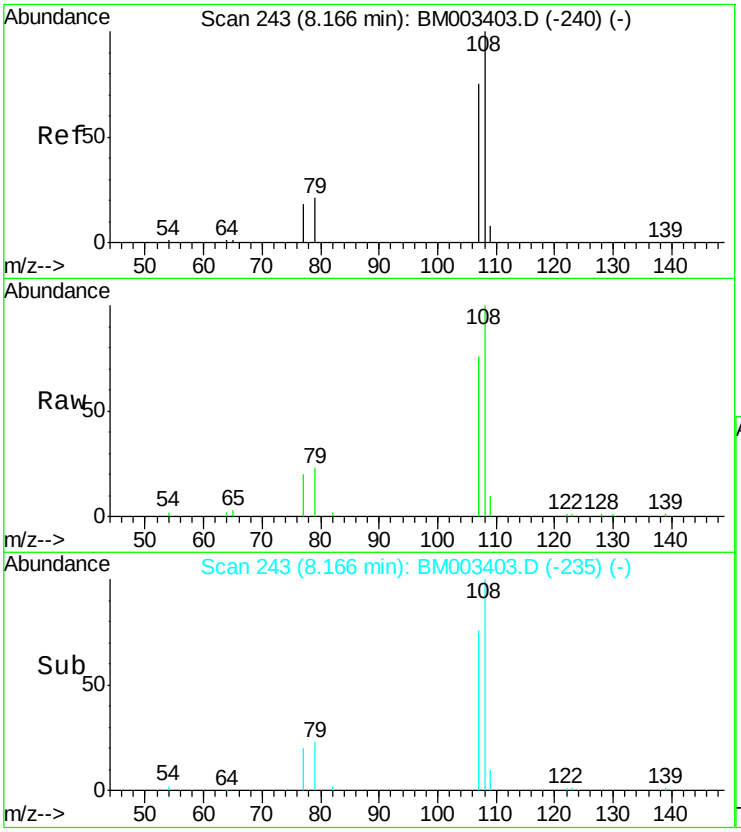


#8
bis(2-Chloroethyl)ether
Concen: 0.97 ng
RT: 7.15 min Scan# 205
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion: 93 Resp: 12638

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.2	87.4#
95	34.6	26.2	39.4



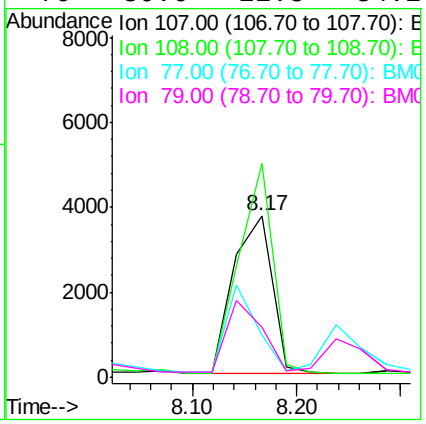


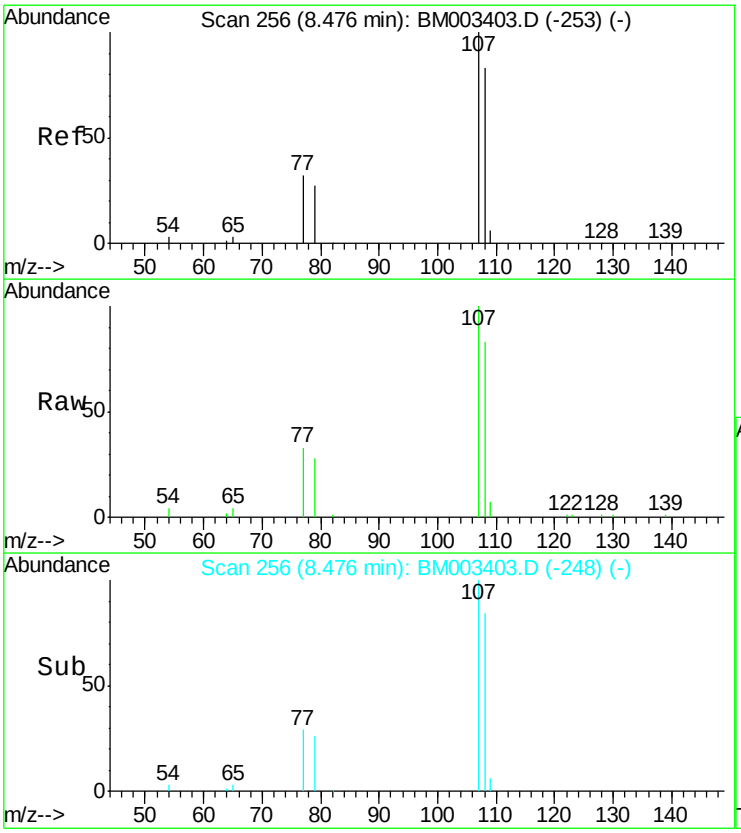
#9
2-Methylphenol
Concen: 0.95 ng
RT: 8.17 min Scan# 243
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 9728

Ion	Ratio	Lower	Upper
107	100		
108	132.0	100.9	151.3
77	26.5	20.3	30.5
79	30.6	22.8	34.2

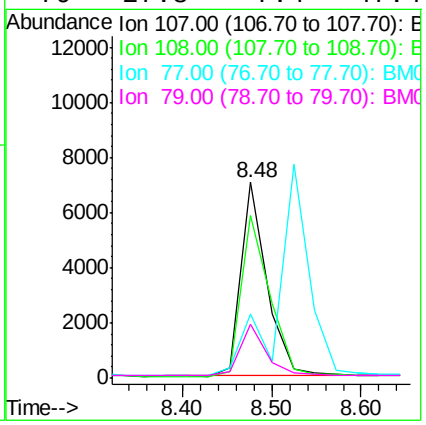


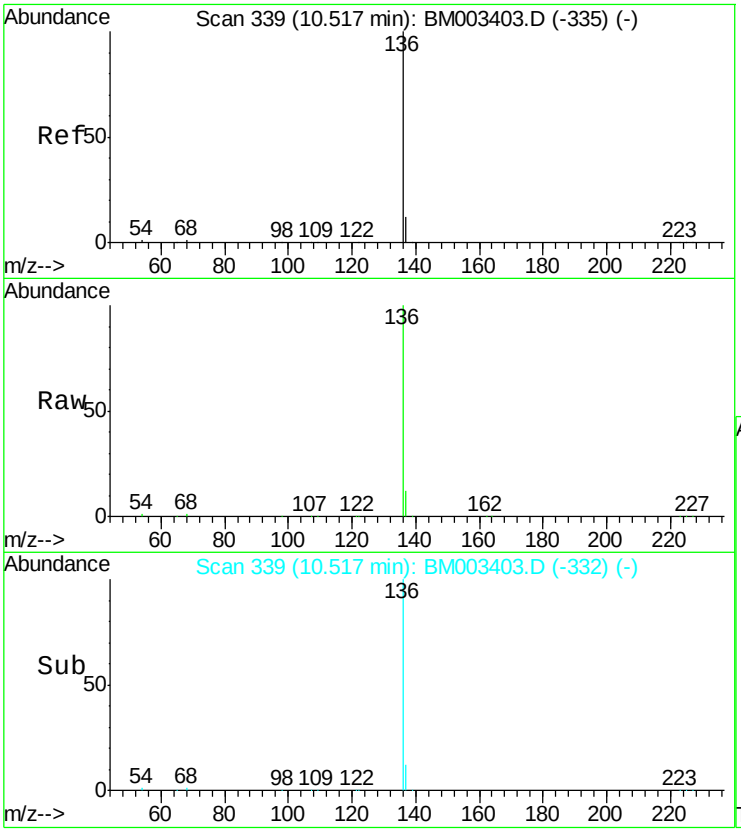


#10
3+4-Methylphenols
Concen: 0.96 ng
RT: 8.48 min Scan# 256
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:107 Resp: 14343

Ion	Ratio	Lower	Upper
107	100		
108	83.4	86.3	126.3#
77	32.7	151.7	191.7#
79	27.8	7.4	47.4



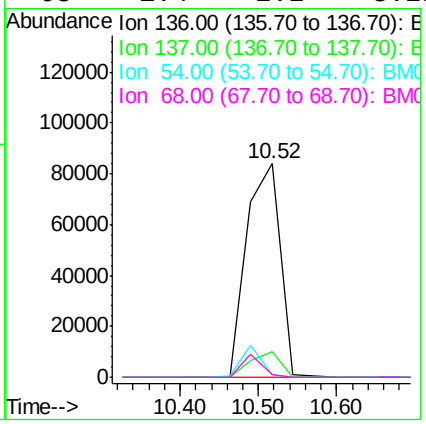


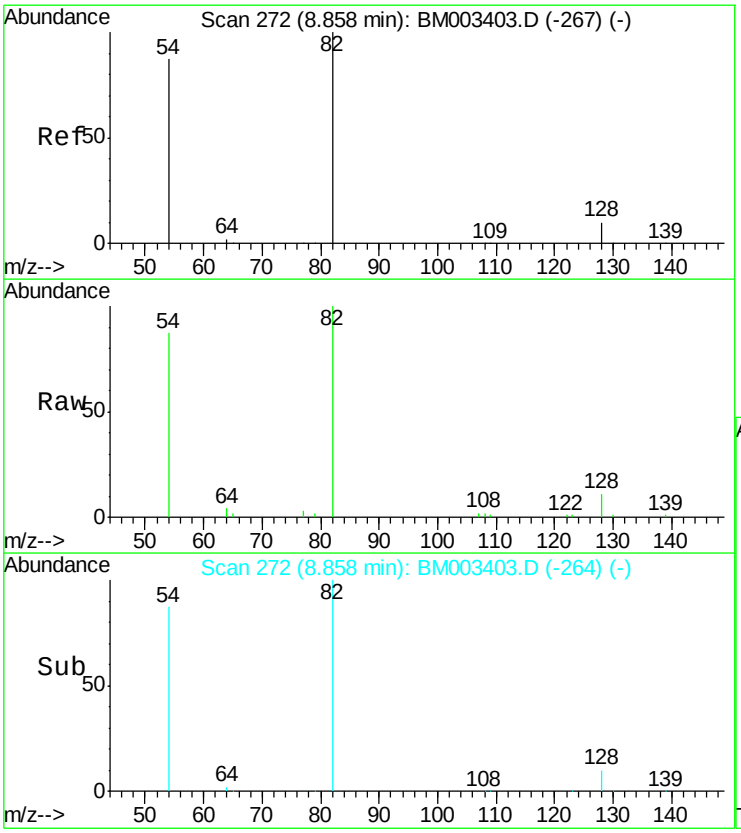
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.52 min Scan# 339
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 252291

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.1	13.7
54	1.0	2.6	3.8#
68	1.4	2.2	3.2#

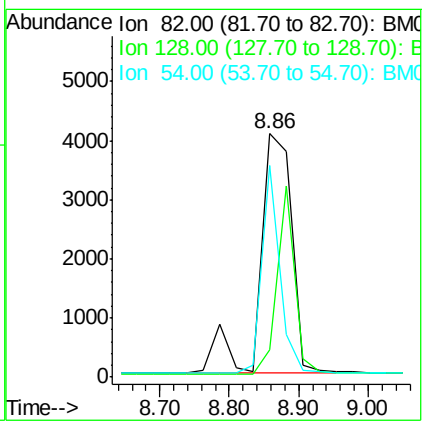


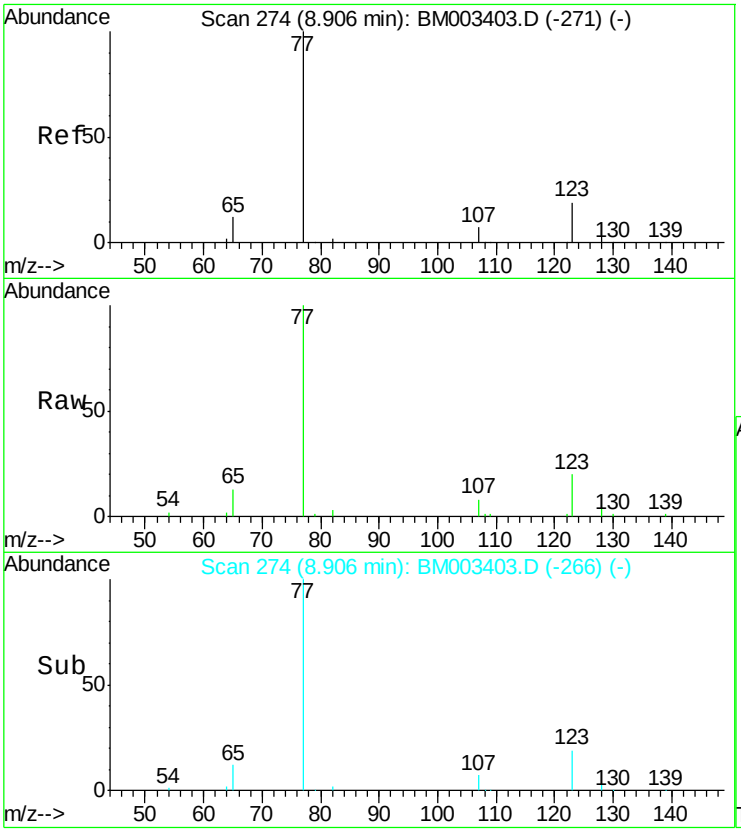


#12
Nitrobenzene-d5
Concen: 0.97 ng
RT: 8.86 min Scan# 272
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion: 82 Resp: 12924

Ion	Ratio	Lower	Upper
82	100		
128	0.0	0.0	0.0
54	48.7	59.0	88.6#



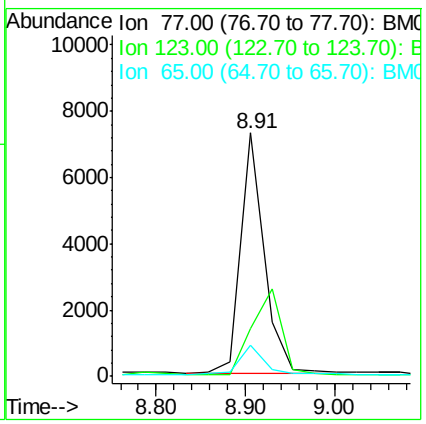


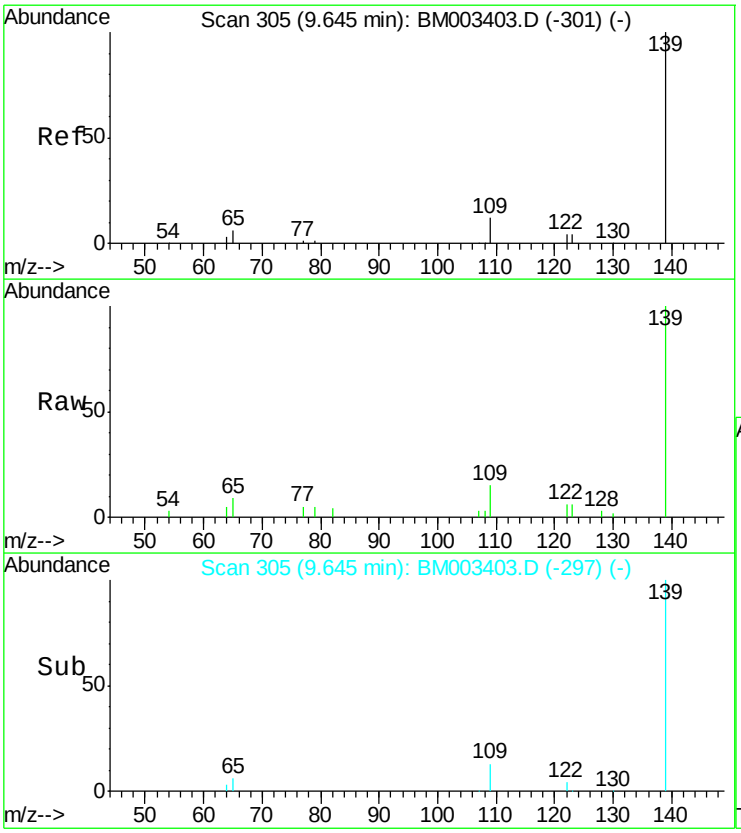
#13
Nitrobenzene
Concen: 0.96 ng
RT: 8.91 min Scan# 274
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 13294

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.7	56.5#
65	12.1	9.8	14.6

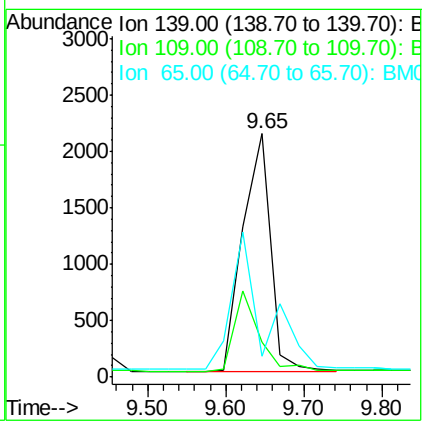


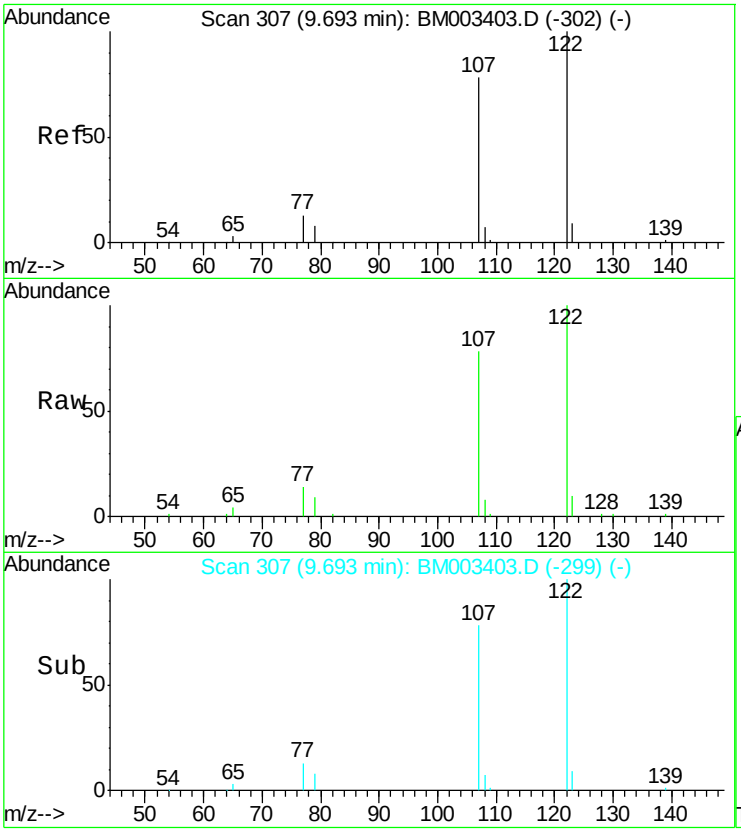


#14
2-Nitrophenol
Concen: 0.91 ng
RT: 9.65 min Scan# 305
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:139 Resp: 5184

Ion	Ratio	Lower	Upper
139	100		
109	14.6	19.5	29.3#
65	8.7	18.6	28.0#



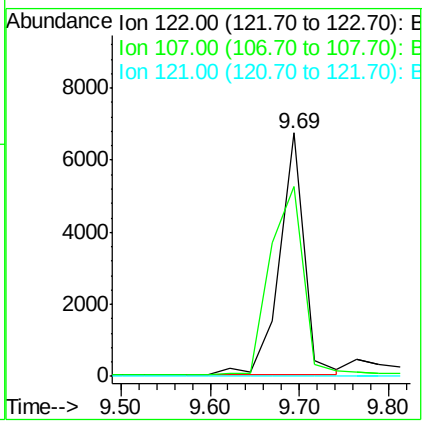


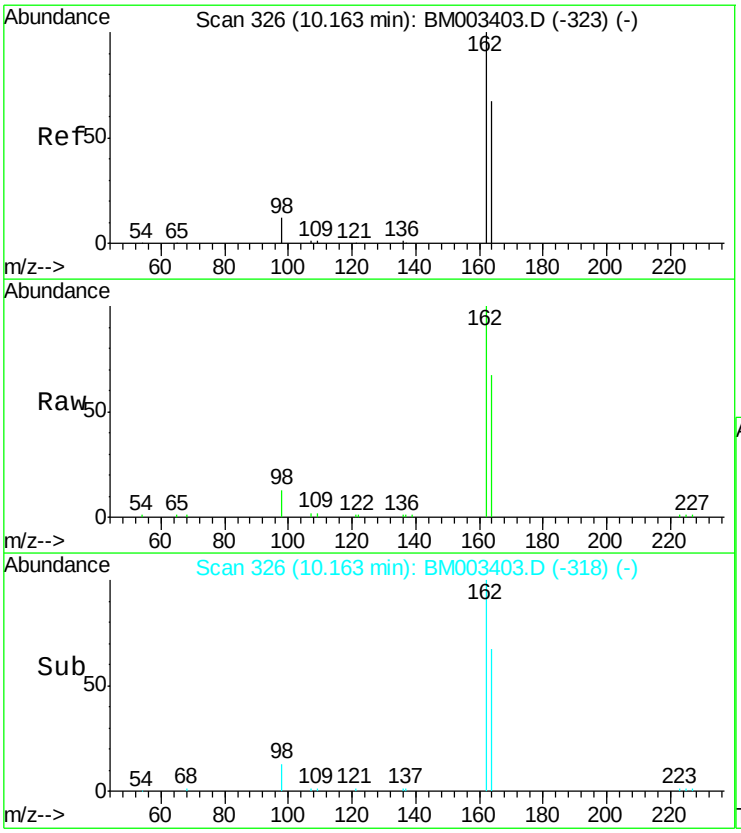
#15
2,4-Dimethylphenol
Concen: 0.97 ng
RT: 9.69 min Scan# 307
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 12893

Ion	Ratio	Lower	Upper
122	100		
107	77.9	68.6	102.8
121	0.0	44.8	67.2#

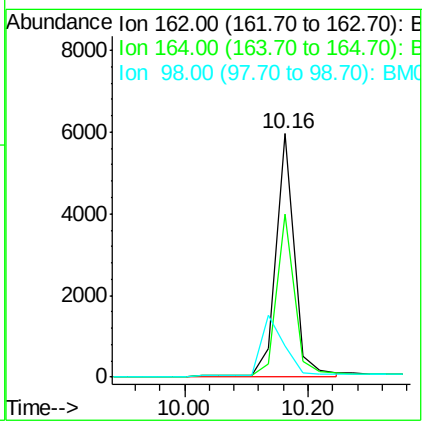


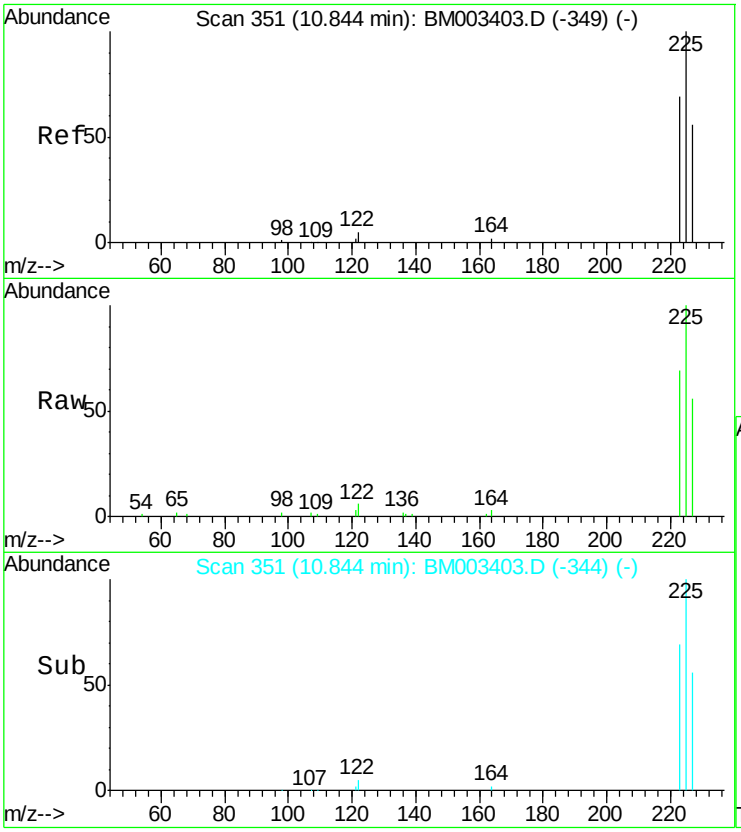


#16
2,4-Dichlorophenol
Concen: 0.99 ng
RT: 10.16 min Scan# 326
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:162 Resp: 12319

Ion	Ratio	Lower	Upper
162	100		
164	66.9	49.2	89.2
98	12.9	0.0	37.4



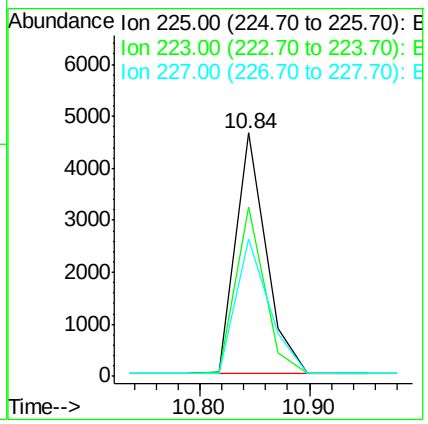


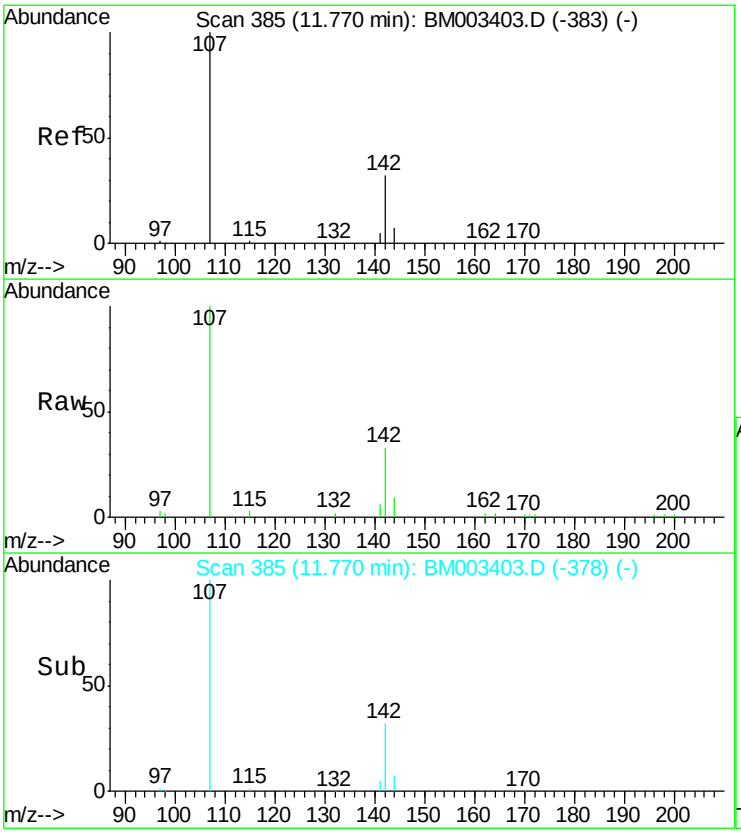
#17
Hexachlorobutadiene
Concen: 0.98 ng
RT: 10.84 min Scan# 351
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 9061

Ion	Ratio	Lower	Upper
225	100		
223	65.4	53.0	79.4
227	61.0	52.2	78.4

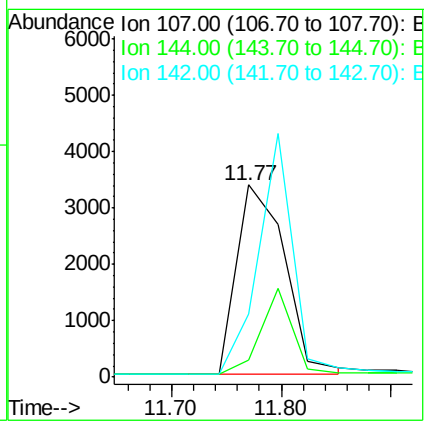


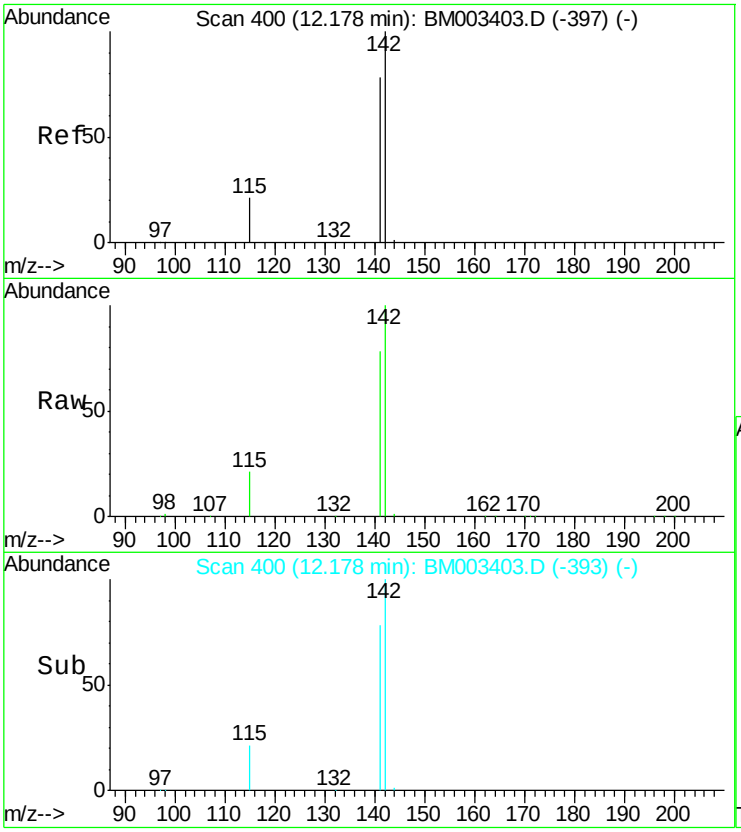


#18
4-Chloro-3-methylphenol
Concen: 0.96 ng
RT: 11.77 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:107 Resp: 10368

Ion	Ratio	Lower	Upper
107	100		
144	8.6	16.2	24.2#
142	32.6	49.8	74.6#



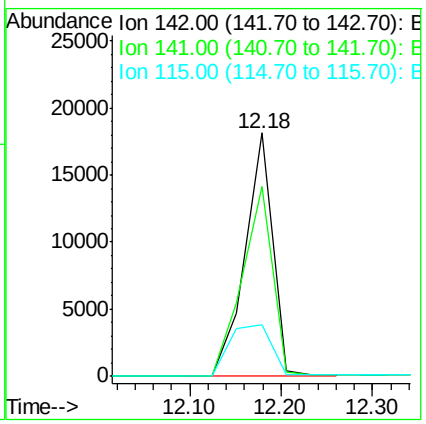


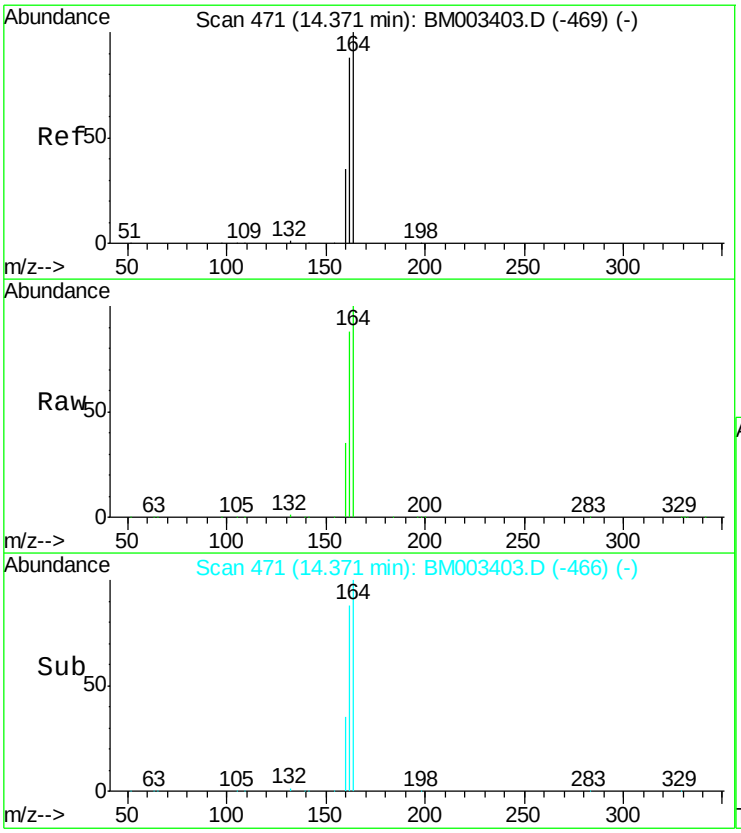
#19
2-Methylnaphthalene
Concen: 0.97 ng
RT: 12.18 min Scan# 400
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 37921

Ion	Ratio	Lower	Upper
142	100		
141	85.8	71.4	107.0
115	31.8	29.3	43.9

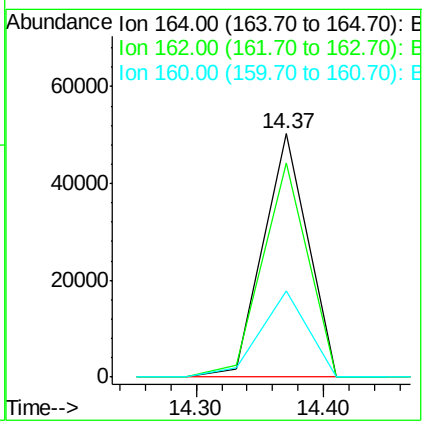


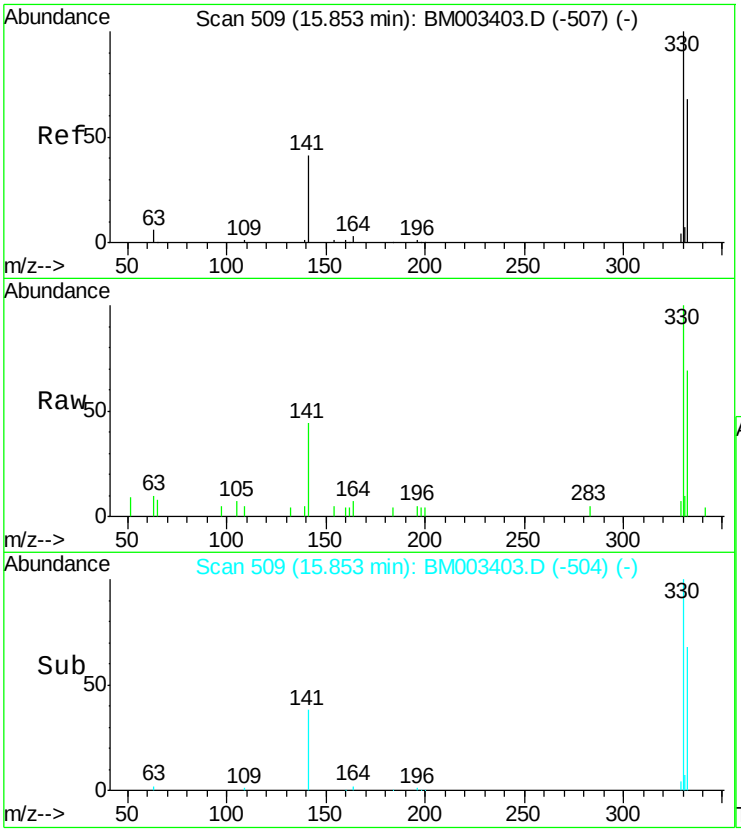


#20
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:164 Resp: 121453

Ion	Ratio	Lower	Upper
164	100		
162	87.8	79.2	118.8
160	35.1	33.7	50.5



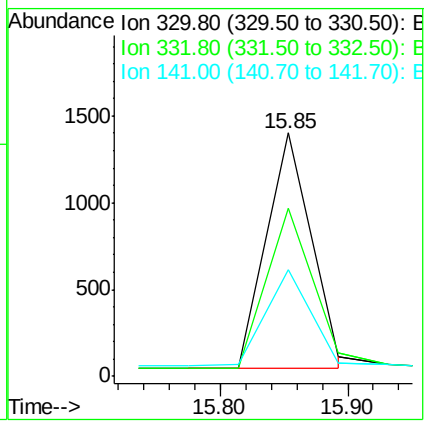


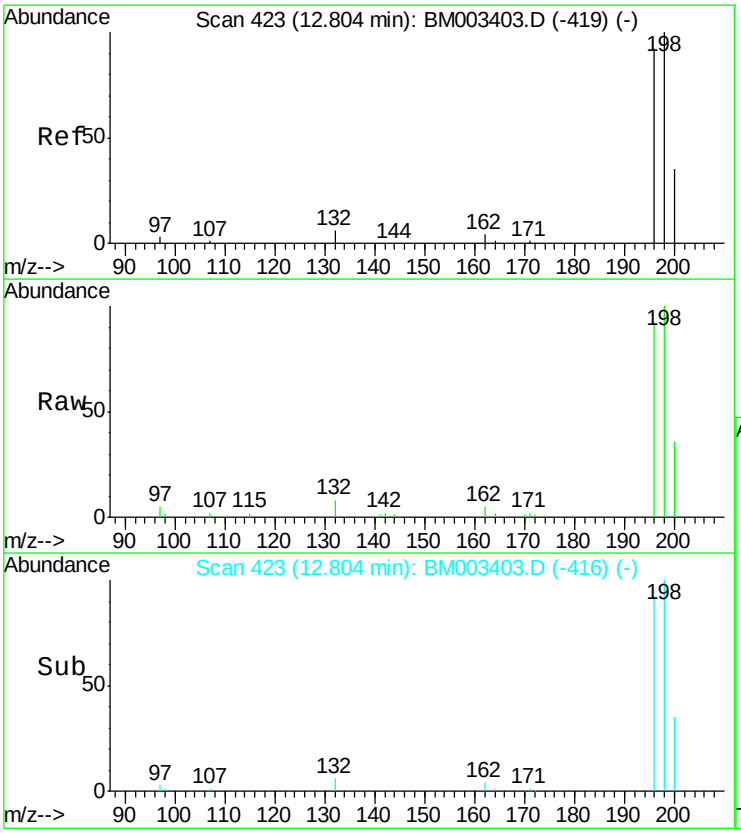
#21
2,4,6-Tribromophenol
Concen: 1.00 ng
RT: 15.85 min Scan# 509
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 3327

Ion	Ratio	Lower	Upper
330	100		
332	71.1	74.0	111.0#
141	40.5	24.1	36.1#

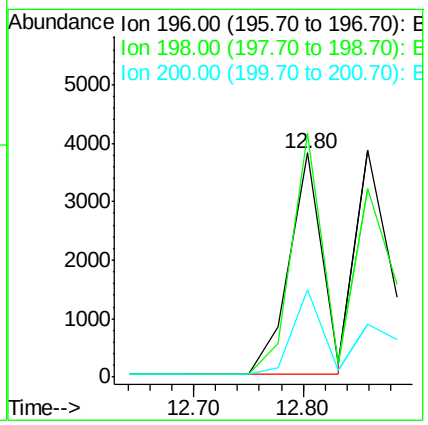


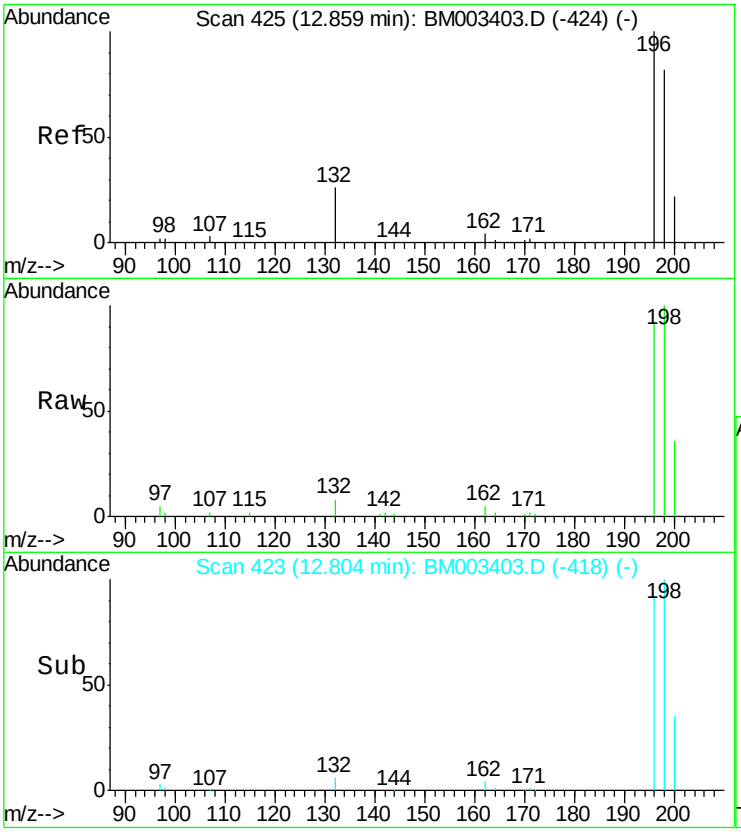


#22
2,4,6-Trichlorophenol
Concen: 0.96 ng
RT: 12.80 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:196 Resp: 7804

Ion	Ratio	Lower	Upper
196	100		
198	108.5	54.2	81.2#
200	39.1	17.1	25.7#



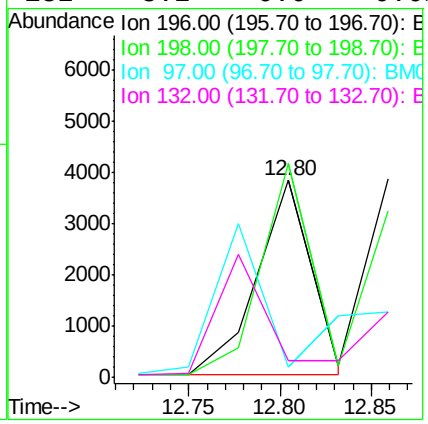


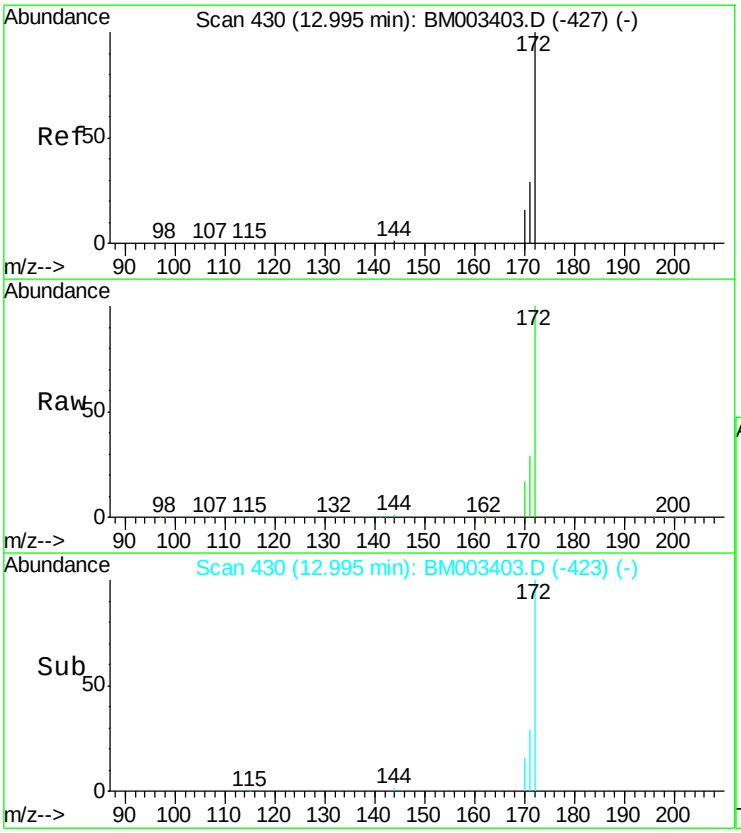
#23
2,4,5-Trichlorophenol
Concen: 0.84 ng
RT: 12.80 min Scan# 423
Delta R.T. -0.05 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 7802

Ion	Ratio	Lower	Upper
196	100		
198	108.5	73.6	110.4
97	5.4	0.0	0.0#
132	8.2	0.0	0.0#

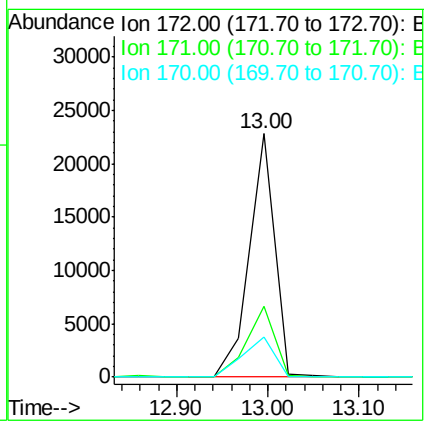


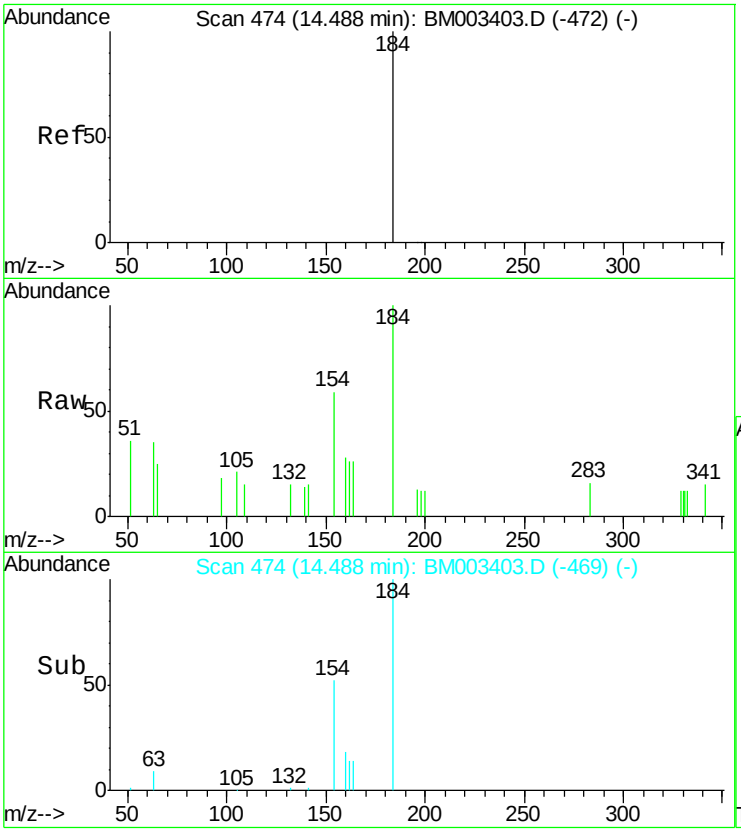


#24
2-Fluorobiphenyl
Concen: 1.02 ng
RT: 13.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:172 Resp: 43643

Ion	Ratio	Lower	Upper
172	100		
171	31.5	28.0	42.0
170	20.4	18.9	28.3



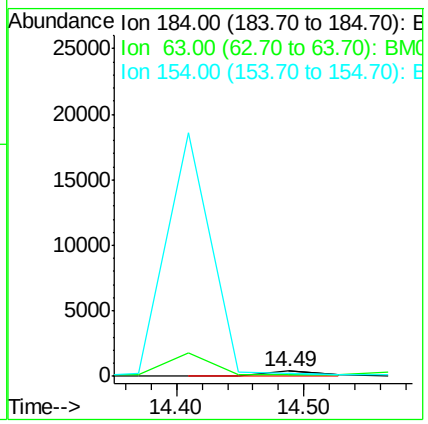


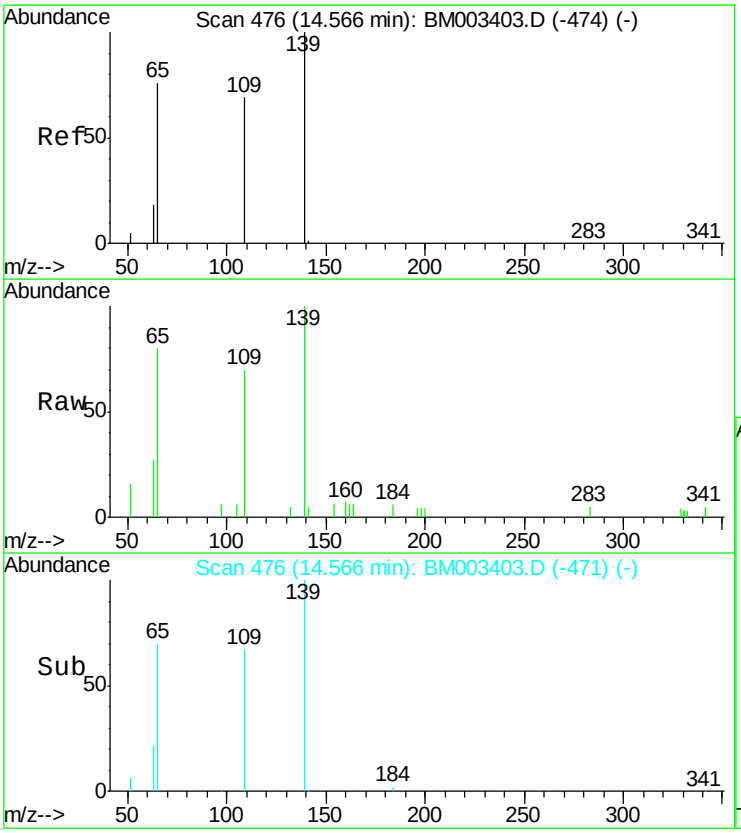
#25
2,4-Dinitrophenol
Concen: 1.09 ng
RT: 14.49 min Scan# 474
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 948

Ion	Ratio	Lower	Upper
184	100		
63	35.0	52.0	78.0#
154	58.8	51.4	77.2

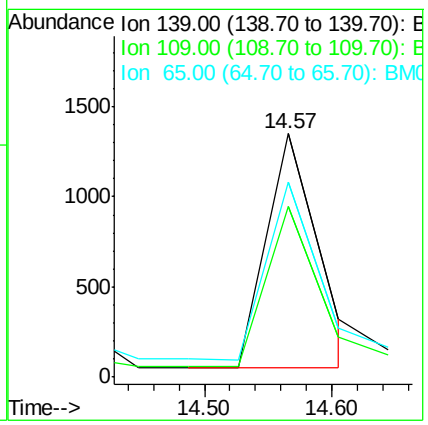


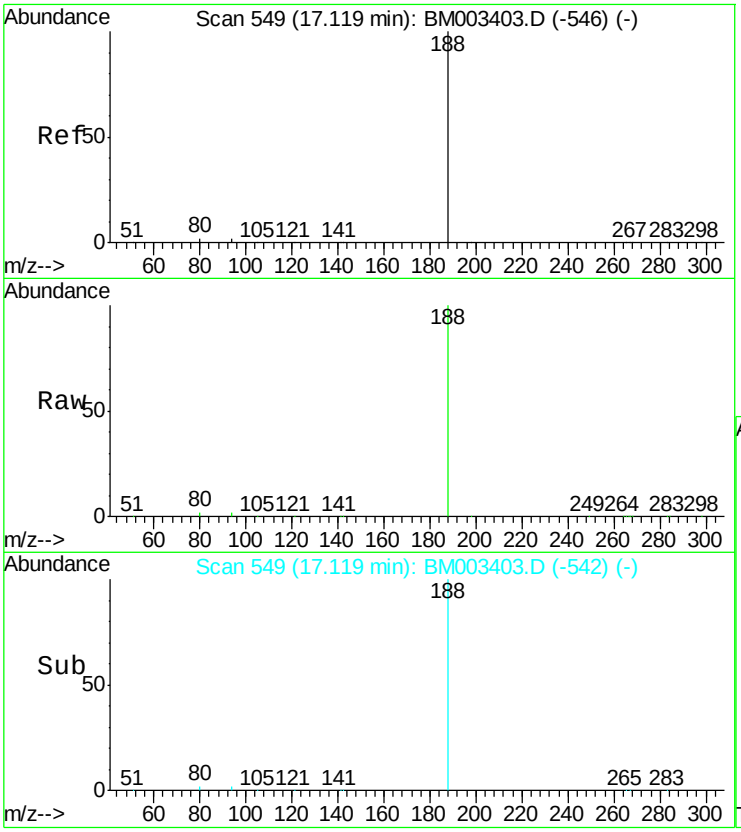


#26
4-Nitrophenol
Concen: 0.94 ng
RT: 14.57 min Scan# 476
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:139 Resp: 3647

Ion	Ratio	Lower	Upper
139	100		
109	70.2	60.0	100.0
65	80.2	85.7	125.7#



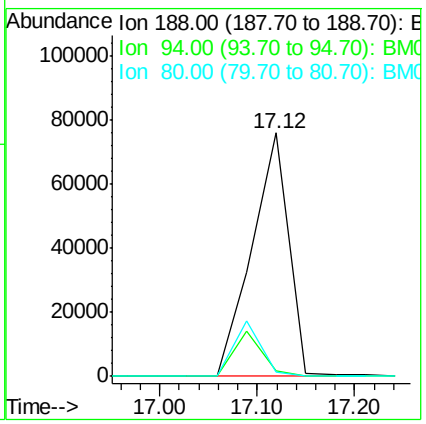


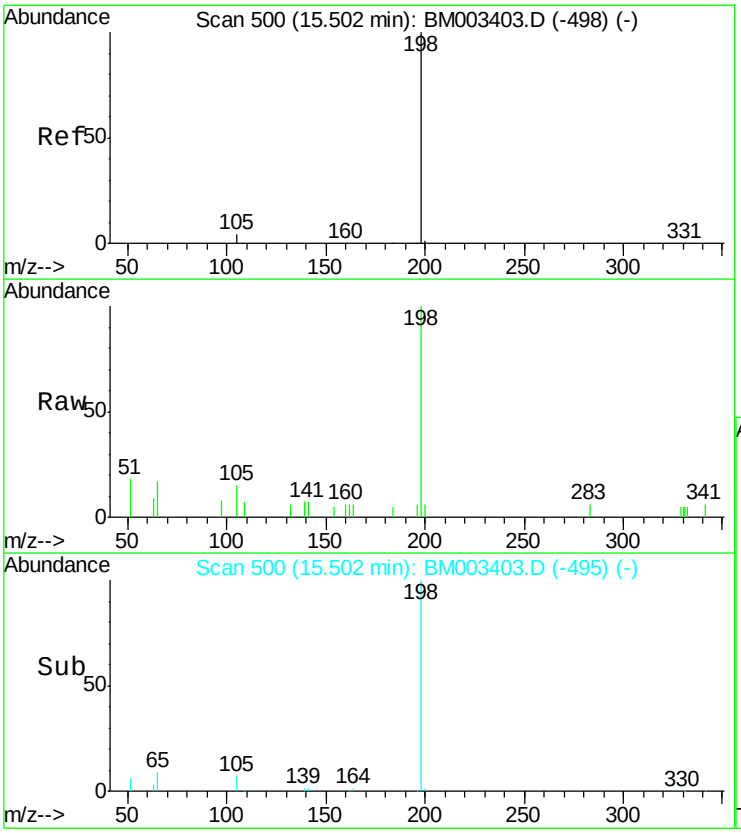
#27
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.12 min Scan# 549
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 201381

Ion	Ratio	Lower	Upper
188	100		
94	2.2	2.9	4.3#
80	1.6	2.5	3.7#

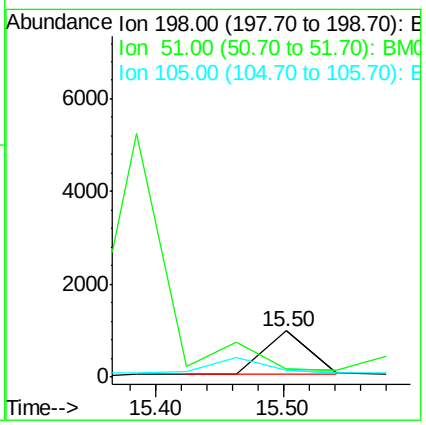


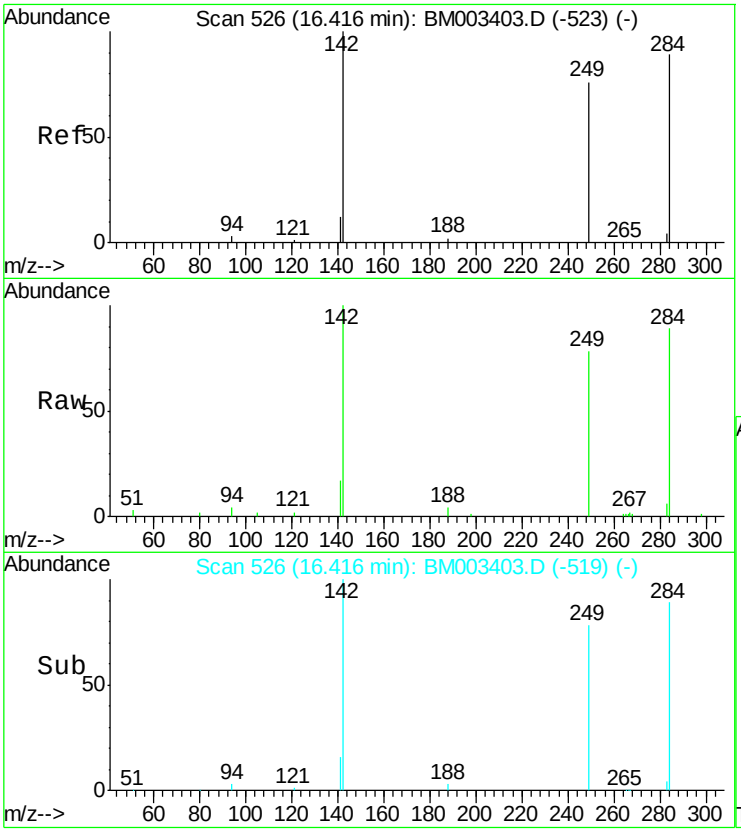


#28
4,6-Dinitro-2-methylphenol
Concen: 0.97 ng
RT: 15.50 min Scan# 500
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:198 Resp: 2339

Ion	Ratio	Lower	Upper
198	100		
51	17.6	60.8	100.8#
105	15.2	30.0	70.0#



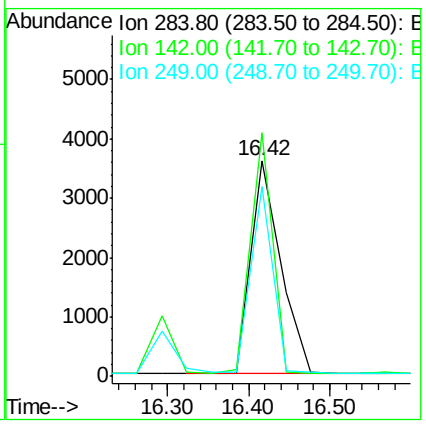


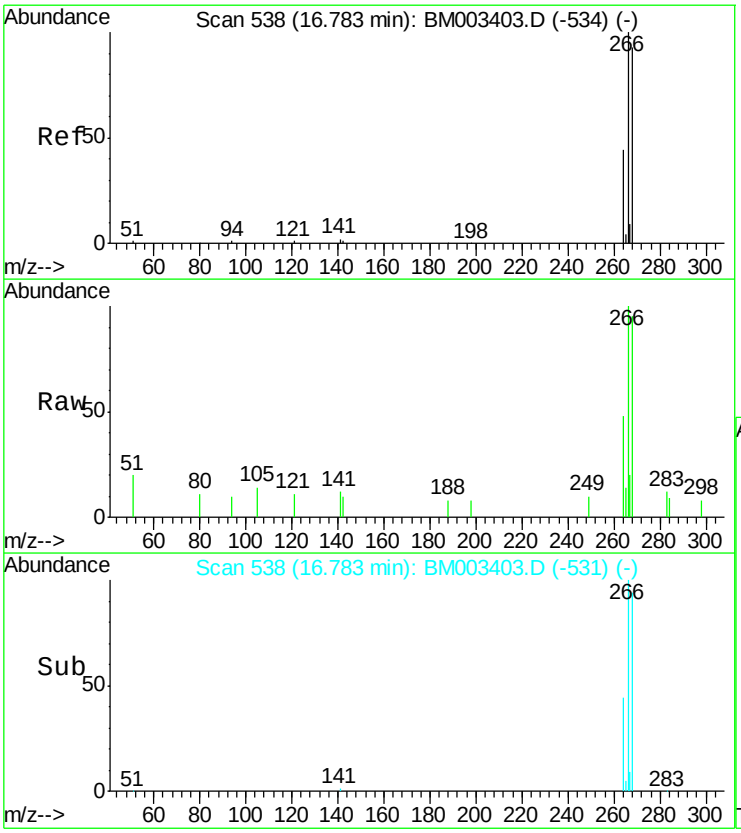
#29
Hexachlorobenzene
Concen: 1.07 ng
RT: 16.42 min Scan# 526
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 9117

Ion	Ratio	Lower	Upper
284	100		
142	83.2	23.3	34.9#
249	64.0	23.3	34.9#

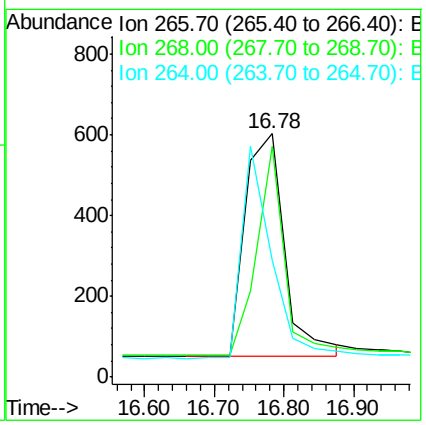


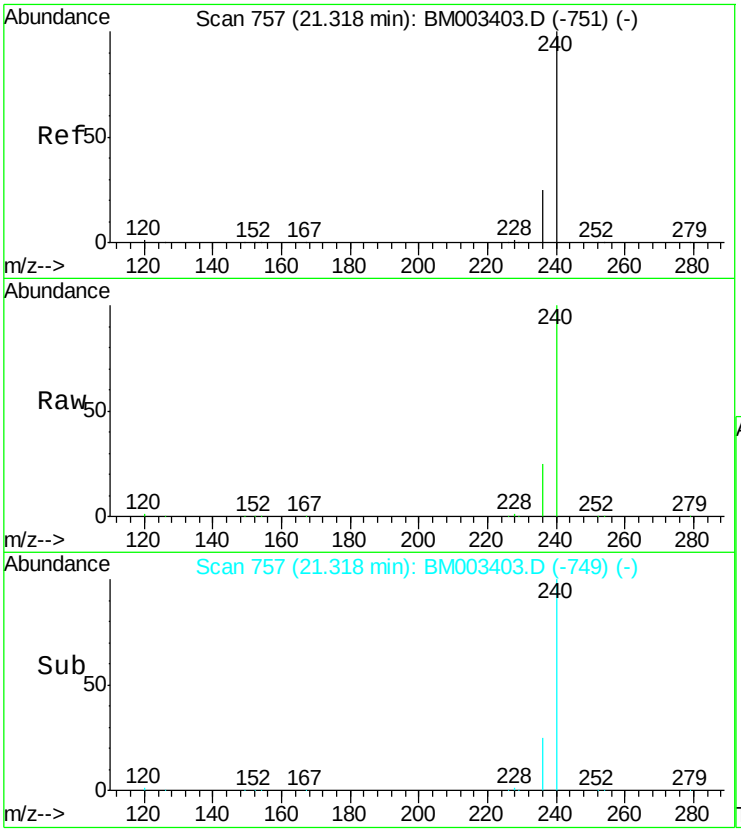


#30
Pentachlorophenol
Concen: 0.91 ng
RT: 16.78 min Scan# 538
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:266 Resp: 2189

Ion	Ratio	Lower	Upper
266	100		
268	94.7	62.6	94.0#
264	47.9	47.9	71.9



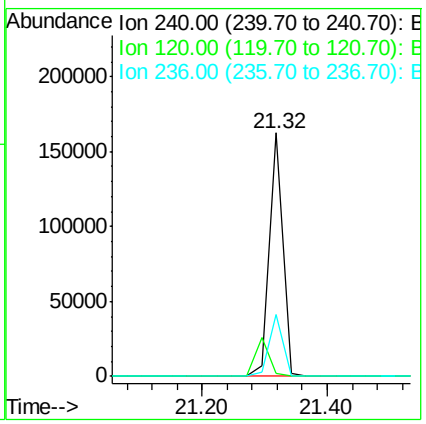


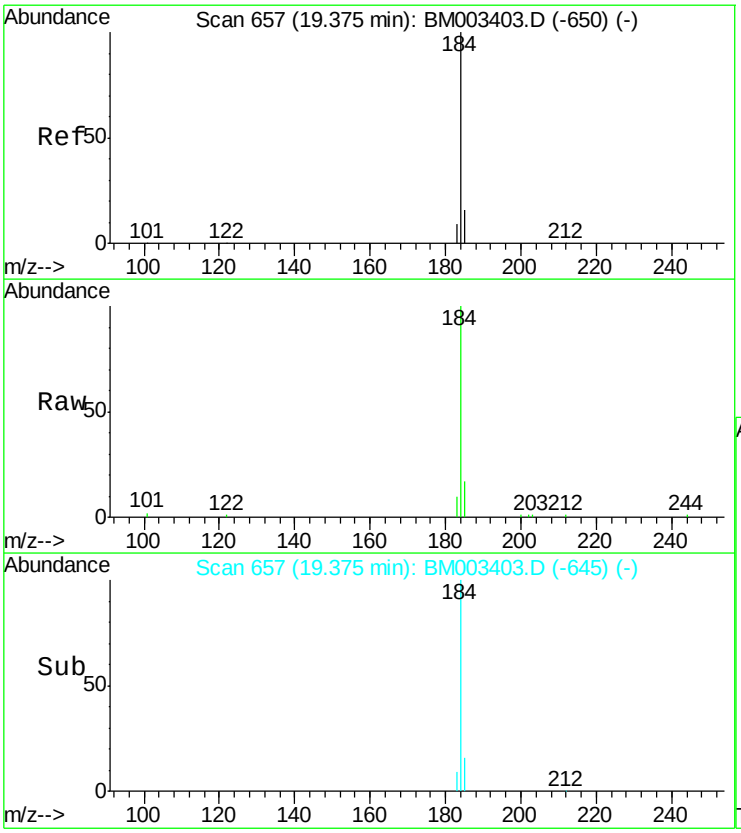
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.32 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 247119

Ion	Ratio	Lower	Upper
240	100		
120	1.2	10.4	15.6#
236	25.4	22.0	33.0

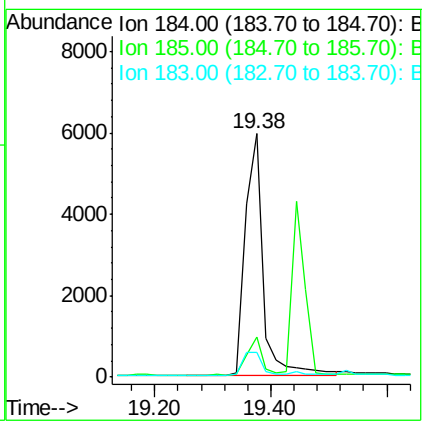


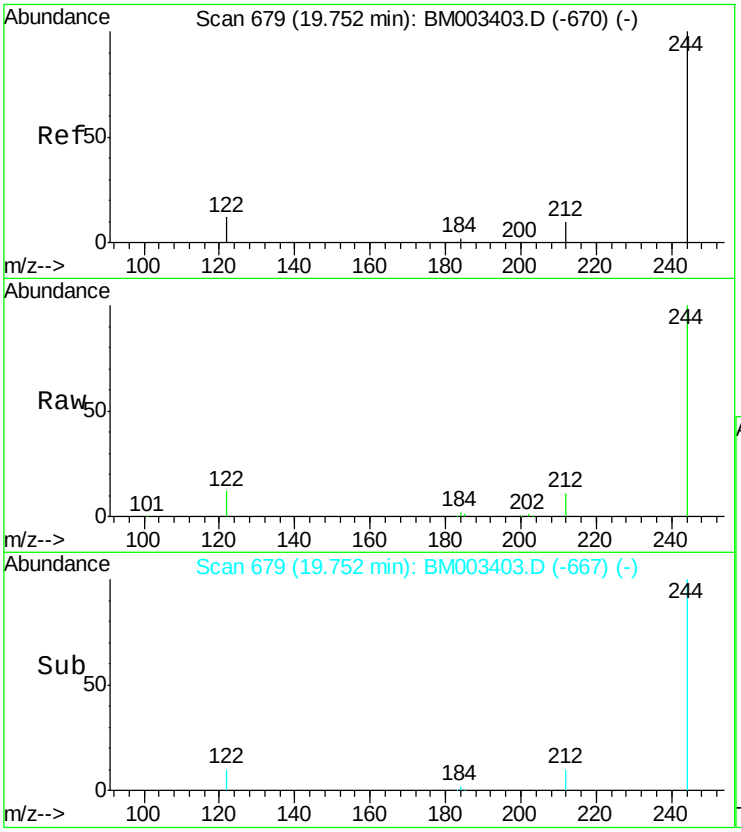


#32
Benzidine
Concen: 0.90 ng
RT: 19.38 min Scan# 657
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:184 Resp: 12643

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.6	17.4
183	10.0	8.6	13.0



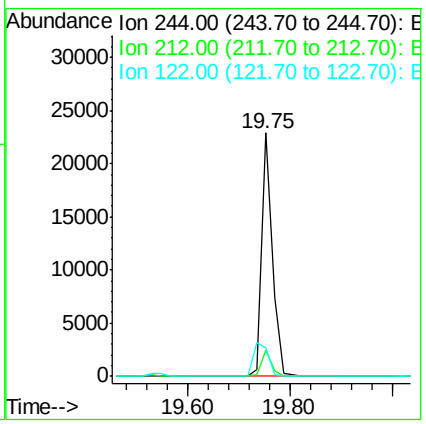


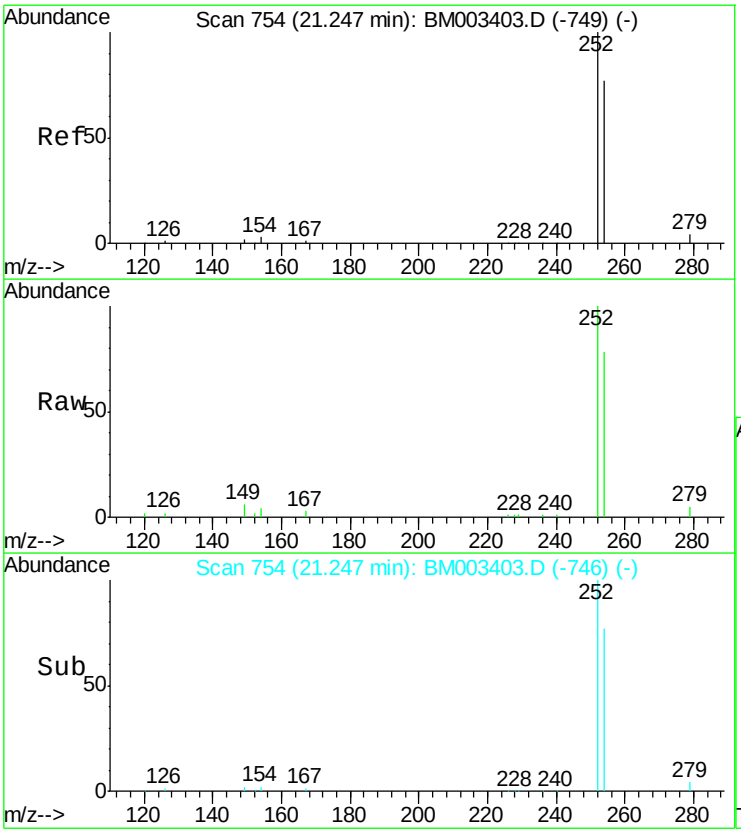
#33
Terphenyl-d14
Concen: 0.96 ng
RT: 19.75 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 32157

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	18.8	14.8	22.2

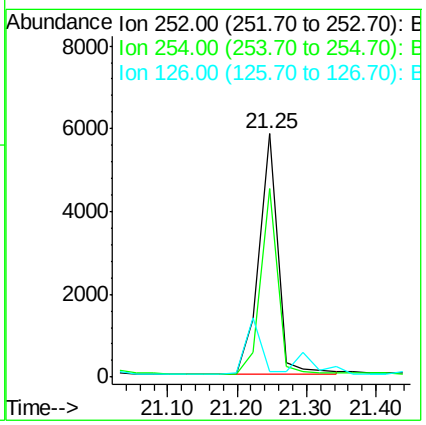


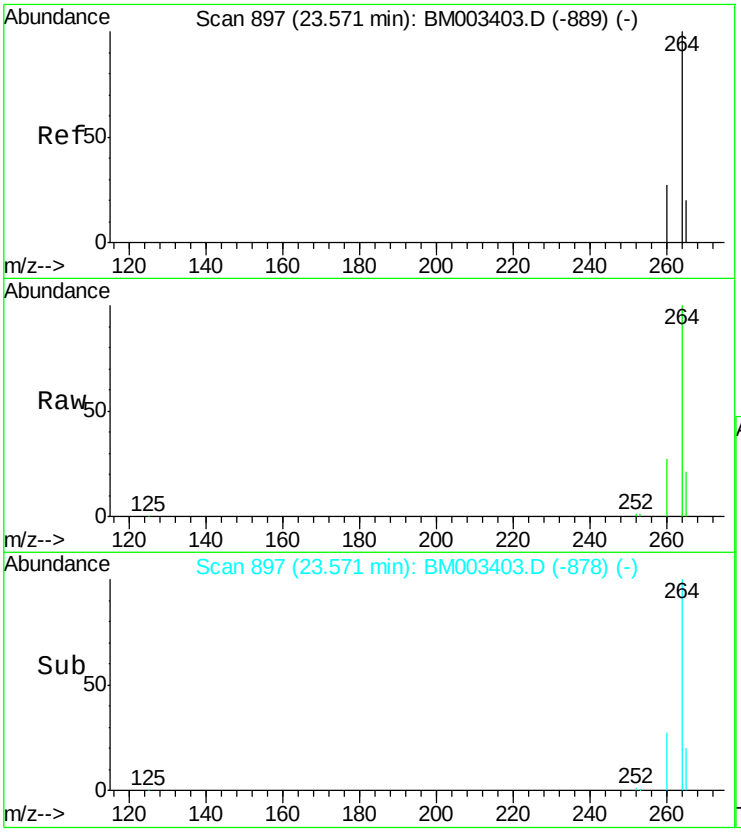


#34
3,3'-Dichlorobenzidine
Concen: 0.71 ng
RT: 21.25 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:252 Resp: 10922

Ion	Ratio	Lower	Upper
252	100		
254	77.5	53.7	80.5
126	2.4	2.8	4.2#

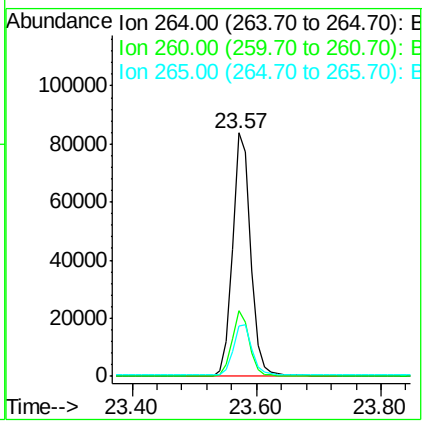




#35
Perylene-d12
Concen: 5.00 ng
RT: 23.57 min Scan# 897
Delta R.T. 0.00 min
Lab File: BM003403.D
Acq: 07 Dec 2015 12:09

Tgt Ion:264 Resp: 171439

Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.7	29.5
265	20.6	17.4	26.2



Instrument :
BNA_M
ClientSampleId :