Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120715\
Data File : BM003409.D
Acq On : 07 Dec 2015 18:32
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001EC

Quant Time: Dec 08 06:01:40 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	75218	5.00	ng		0.00
11) Naphthalene-d8	10.52	136	266204	5.00	ng		0.00
20) Acenaphthene-d10	14.37	164	136913	5.00	ng		0.00
27) Phenanthrene-d10	17.12	188	240348	5.00	ng		0.00
31) Chrysene-d12	21.31	240	303365	5.00	ng		0.00
35) Perylene-d12	23.57	264	192401	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	12565	0.97	ng		0.00
5) Phenol-d6	6.88	99	18289	1.01	ng		0.00
12) Nitrobenzene-d5	8.86	82	13837	0.98	ng		0.00
21) 2,4,6-Tribromophenol	15.85	330	4218	1.09	ng		0.00
24) 2-Fluorobiphenyl	12.99	172	46989	0.97	ng		0.00
33) Terphenyl-d14	19.75	244	42108	1.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	6079	0.99	ng	#	56
3) n-Nitrosodimethylamine	3.53	42	5825	0.98	ng		96
6) 2-Chlorophenol	7.29	128	16609	0.99	ng		90
7) Phenol	6.91	94	18912	1.00	ng		99
8) bis(2-Chloroethyl)ether	7.12	93	13301	0.99	ng	#	65
9) 2-Methylphenol	8.17	107	10800	1.01	ng		95
10) 3+4-Methylphenols	8.48	107	16031	1.04	ng	#	36
13) Nitrobenzene	8.91	77	14326	0.98	ng	#	44
14) 2-Nitrophenol	9.65	139	5798	0.97	ng	#	74
15) 2,4-Dimethylphenol	9.69	122	14407	1.02	ng	#	62
16) 2,4-Dichlorophenol	10.16	162	13647	1.04	ng		97
17) Hexachlorobutadiene	10.84	225	9484	0.97	ng		97
18) 4-Chloro-3-methylphenol	11.77	107	12170	1.05	ng	#	67
19) 2-Methylnaphthalene	12.18	142	40232	0.98	ng	#	79
22) 2,4,6-Trichlorophenol	12.80	196	9337	1.02	ng	#	52
23) 2,4,5-Trichlorophenol	12.80	196	9328	0.88	ng	#	83
25) 2,4-Dinitrophenol	14.49	184	1070	1.09	ng	#	73
26) 4-Nitrophenol	14.57	139	4958	1.09	ng	#	75
28) 4,6-Dinitro-2-methylphenol	15.50	198	2943	1.02	ng	#	33
29) Hexachlorobenzene	16.42	284	10438	1.02	ng	#	14
30) Pentachlorophenol	16.78	266	2867	0.97	ng	#	82
32) Benzidine	19.38	184	14179	0.85	ng		96
34) 3,3'-Dichlorobenzidine	21.24	252	18906	0.90	ng	#	98

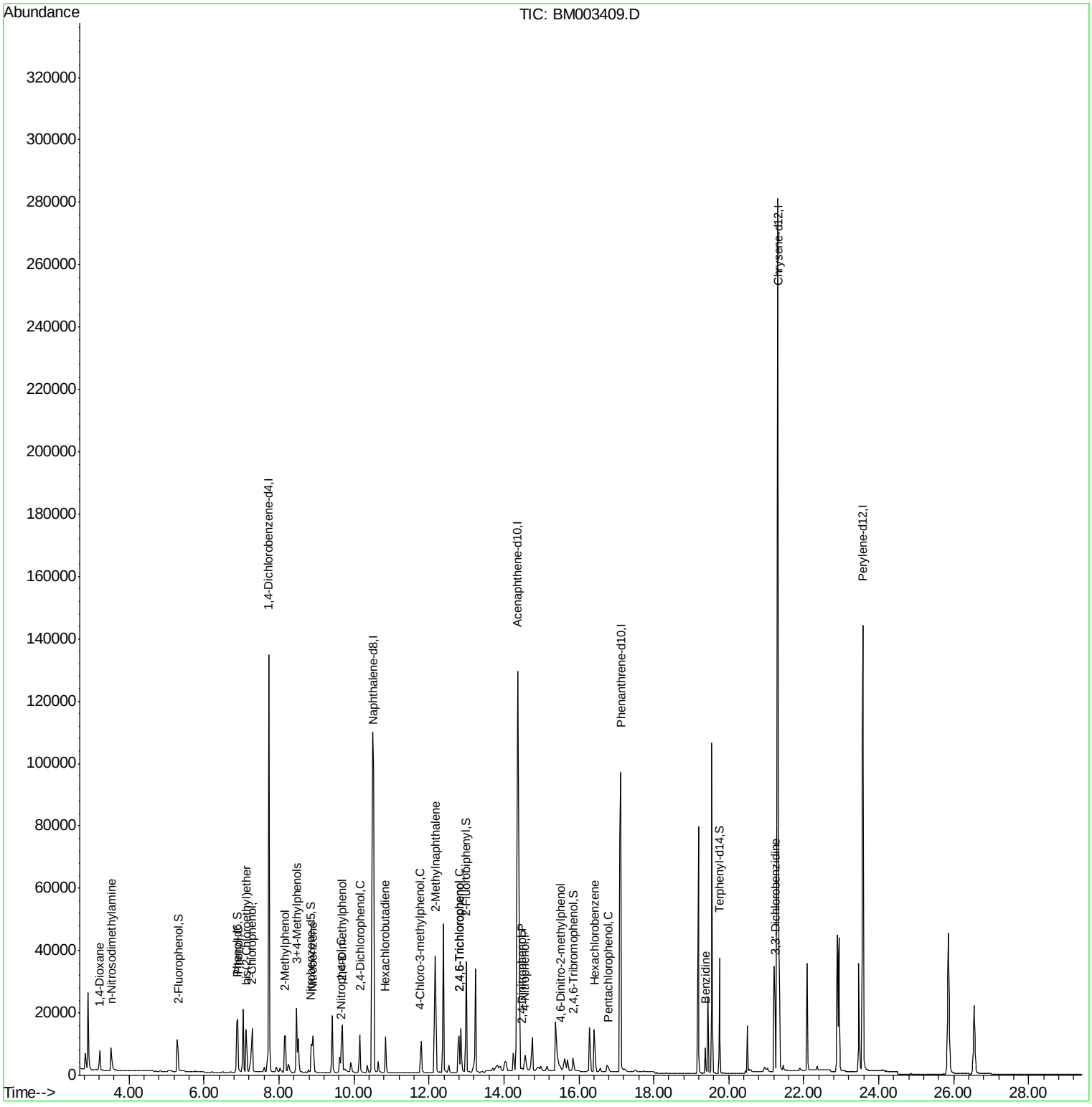
(#) = qualifier out of range (m) = manual integration (+) = signals summed

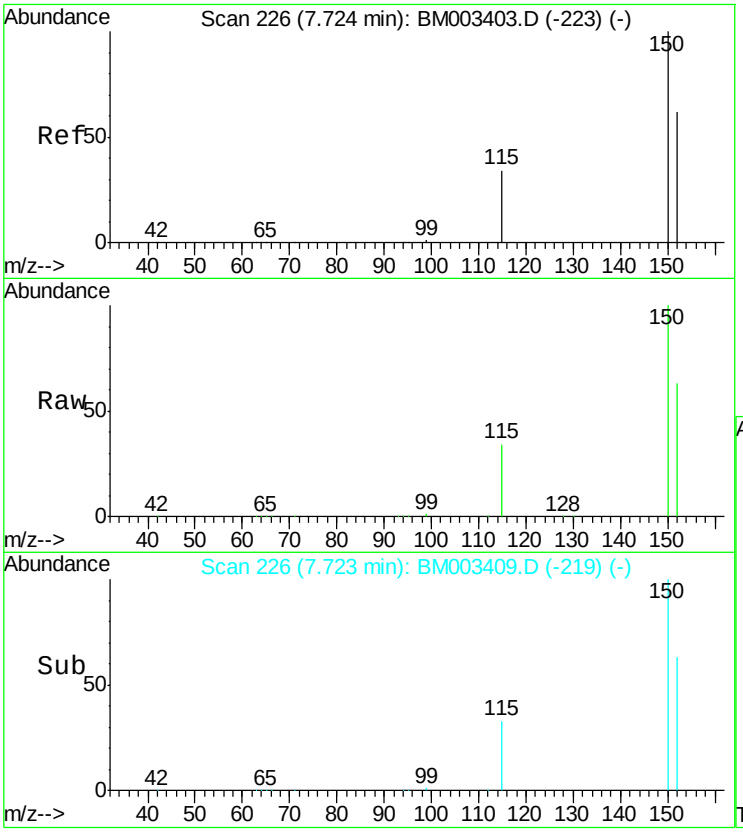
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120715\
Data File : BM003409.D
Acq On : 07 Dec 2015 18:32
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Quant Time: Dec 08 06:01:40 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



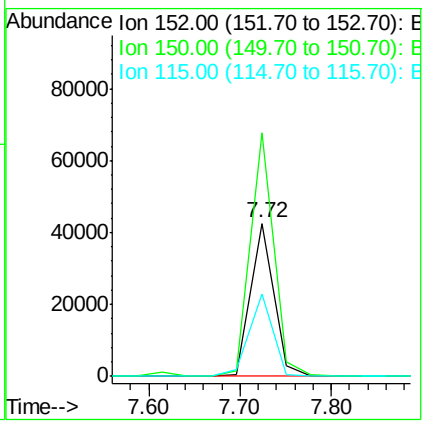


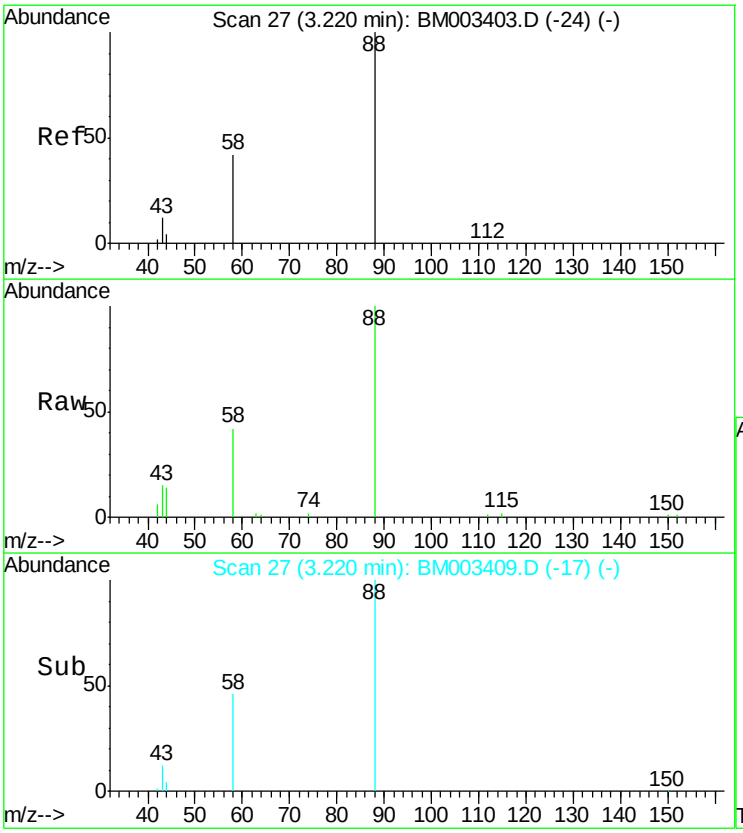
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 226
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 75218

Ion	Ratio	Lower	Upper
152	100		
150	159.4	116.3	174.5
115	53.5	31.9	47.9#

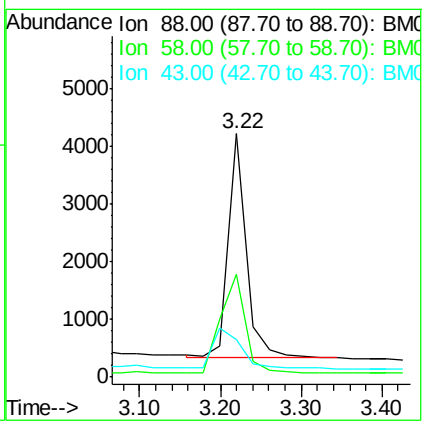


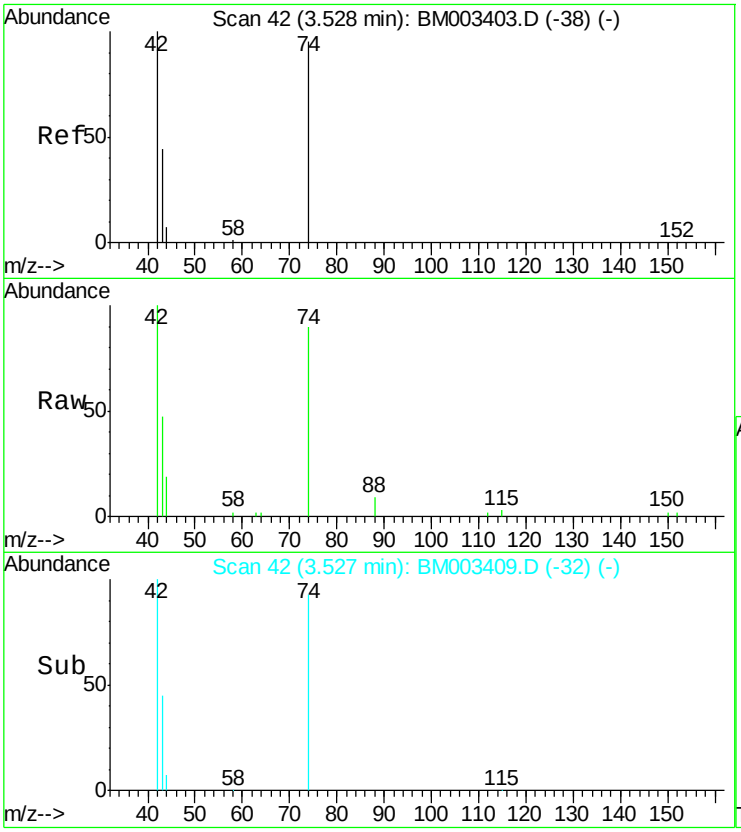


#2
1,4-Dioxane
Concen: 0.99 ng
RT: 3.22 min Scan# 27
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion: 88 Resp: 6079

Ion	Ratio	Lower	Upper
88	100		
58	60.2	75.5	113.3#
43	0.0	32.7	49.1#



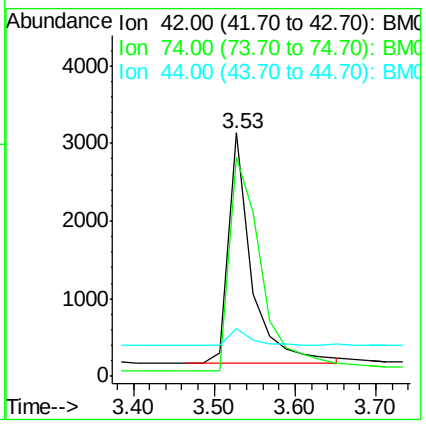


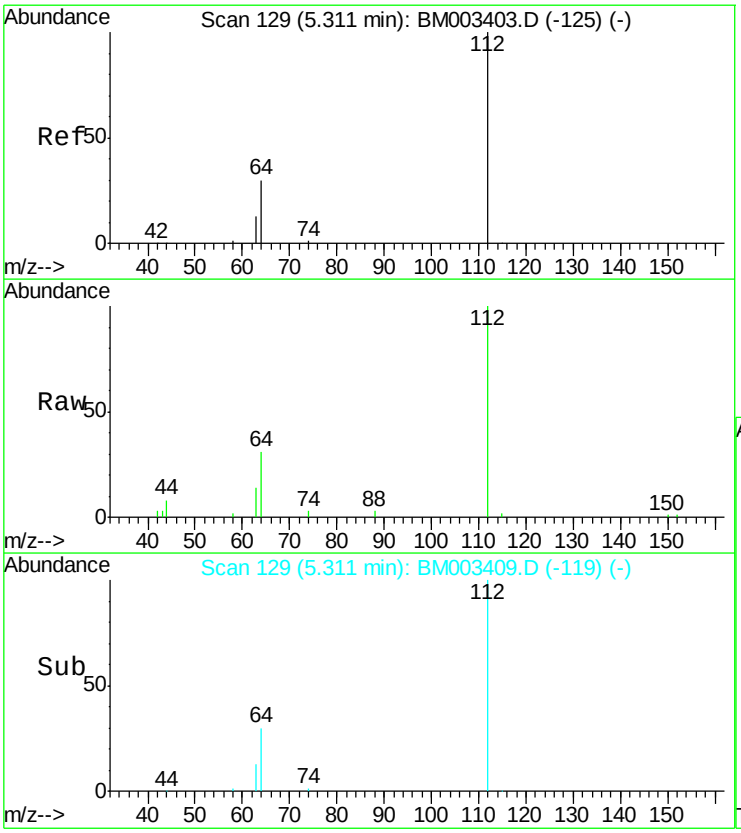
#3
n-Nitrosodimethylamine
Concen: 0.98 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 5825

Ion	Ratio	Lower	Upper
42	100		
74	131.4	101.0	151.4
44	7.4	6.3	9.5

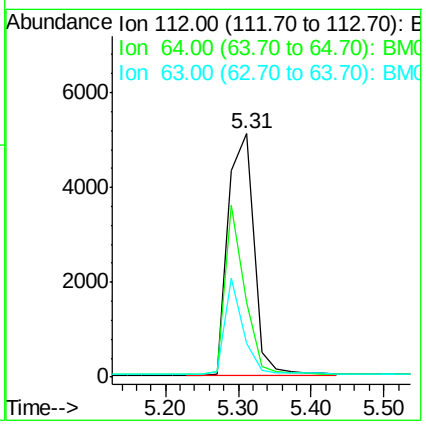


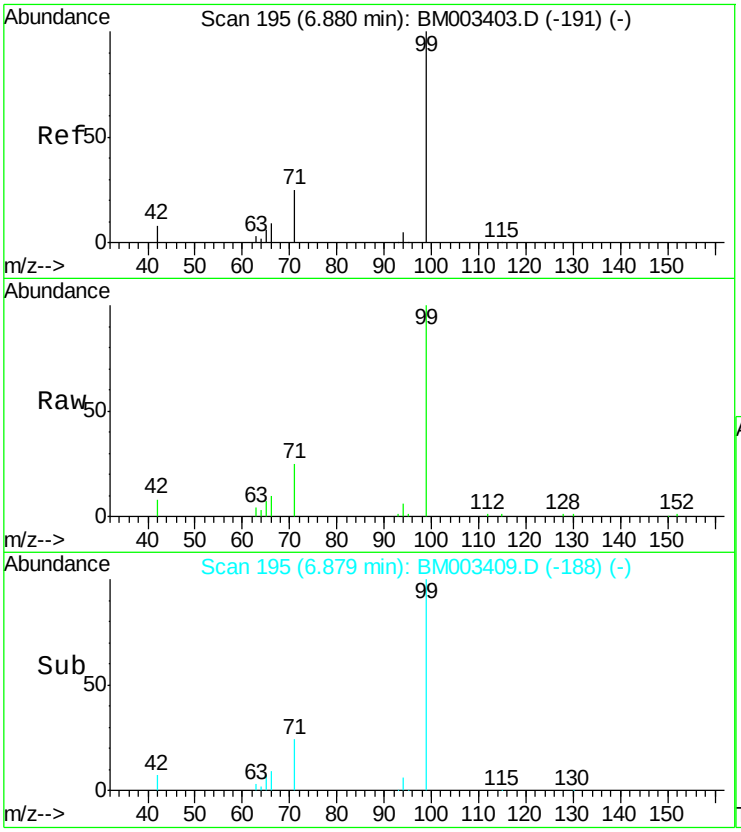


#4
2-Fluorophenol
Concen: 0.97 ng
RT: 5.31 min Scan# 129
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:112 Resp: 12565

Ion	Ratio	Lower	Upper
112	100		
64	30.6	49.3	73.9#
63	13.8	26.2	39.4#



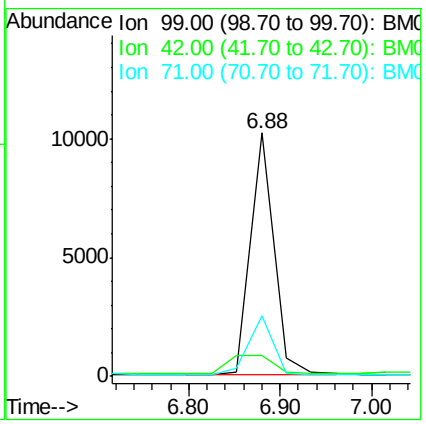


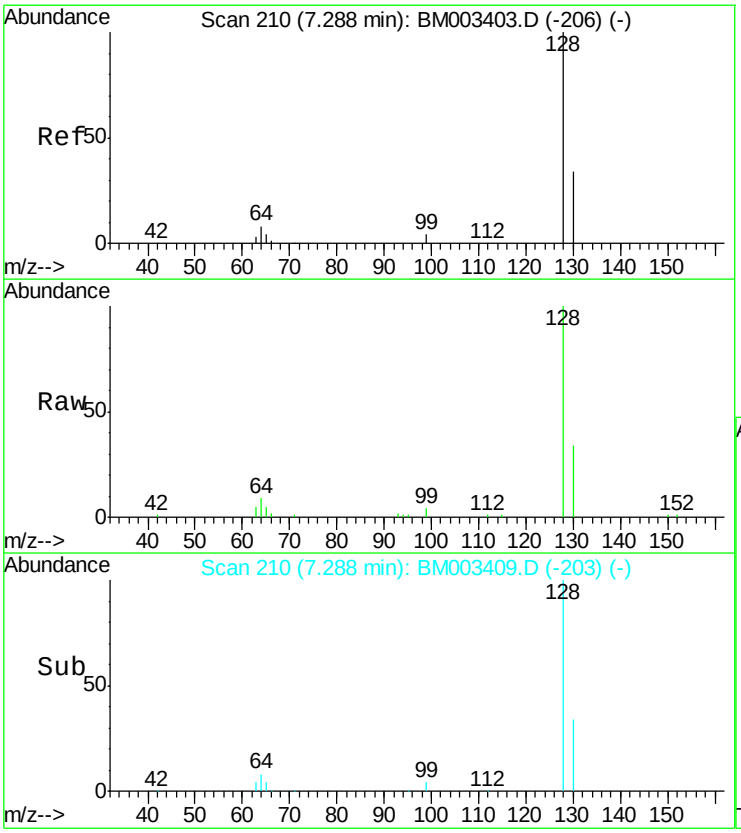
#5
Phenol-d6
Concen: 1.01 ng
RT: 6.88 min Scan# 195
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 18289

Ion	Ratio	Lower	Upper
99	100		
42	8.4	12.1	18.1#
71	25.0	26.4	39.6#

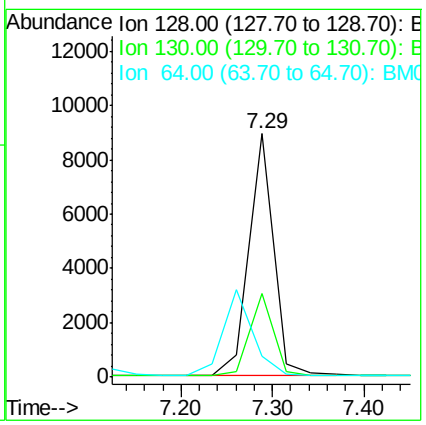


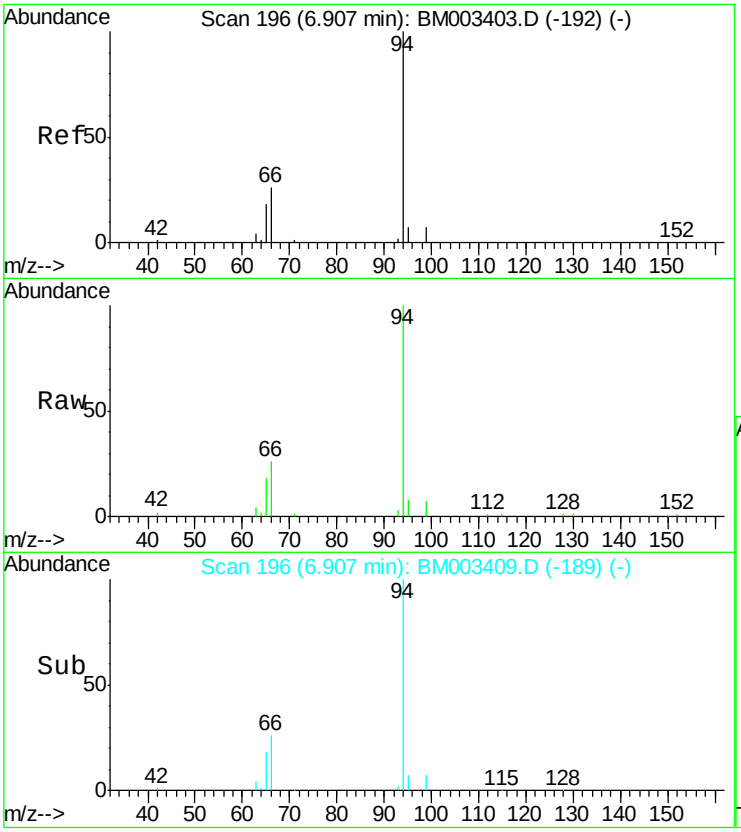


#6
2-Chlorophenol
Concen: 0.99 ng
RT: 7.29 min Scan# 210
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:128 Resp: 16609

Ion	Ratio	Lower	Upper
128	100		
130	34.3	22.2	62.2
64	8.5	0.0	28.7



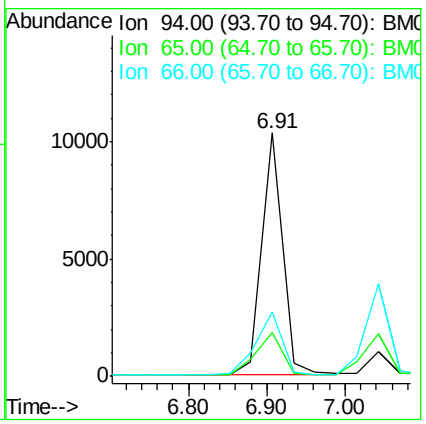


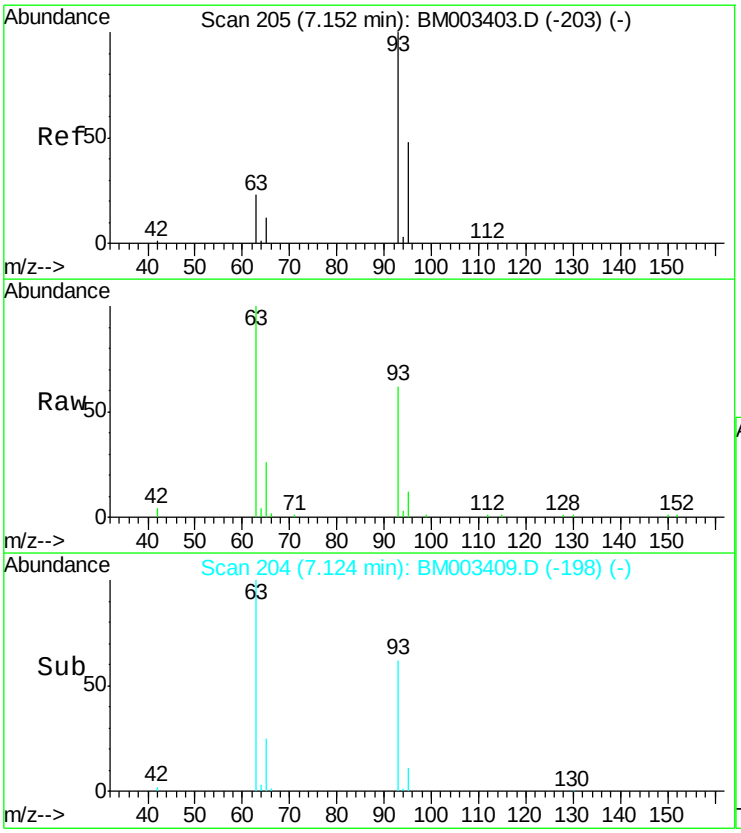
#7
Phenol
Concen: 1.00 ng
RT: 6.91 min Scan# 196
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 94 Resp: 18912

Ion	Ratio	Lower	Upper
94	100		
65	18.2	0.0	37.7
66	26.2	6.3	46.3

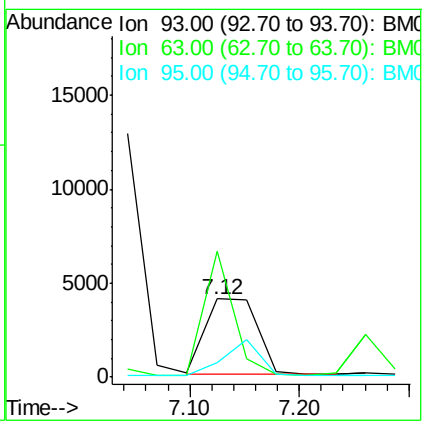


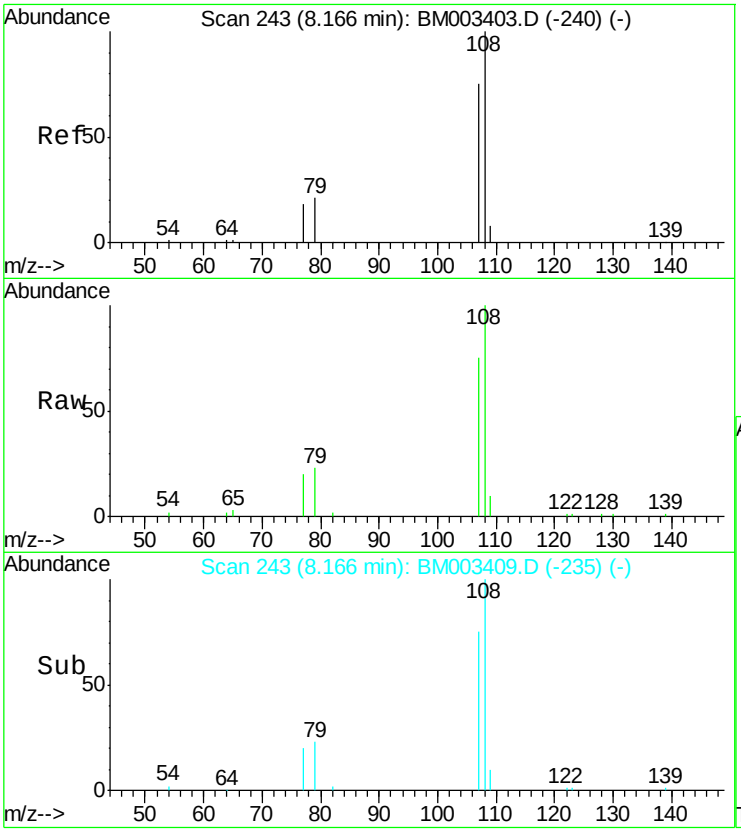


#8
bis(2-Chloroethyl)ether
Concen: 0.99 ng
RT: 7.12 min Scan# 204
Delta R.T. -0.03 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion: 93 Resp: 13301

Ion	Ratio	Lower	Upper
93	100		
63	93.3	58.2	87.4#
95	0.0	26.2	39.4#



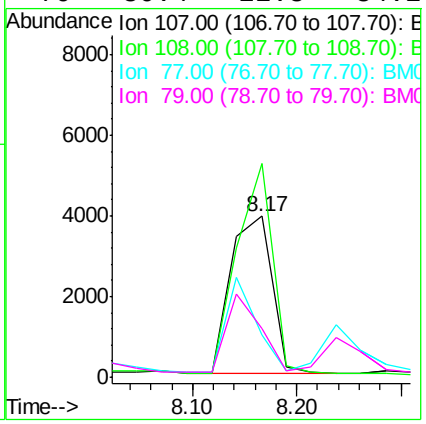


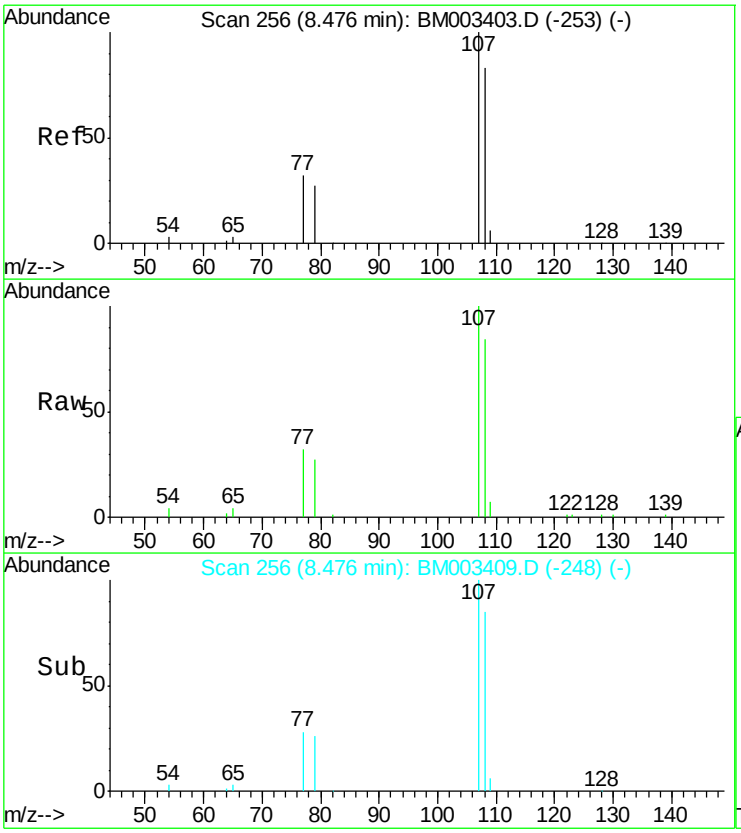
#9
2-Methylphenol
Concen: 1.01 ng
RT: 8.17 min Scan# 243
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:107 Resp: 10800

Ion	Ratio	Lower	Upper
107	100		
108	132.5	100.9	151.3
77	26.2	20.3	30.5
79	30.4	22.8	34.2

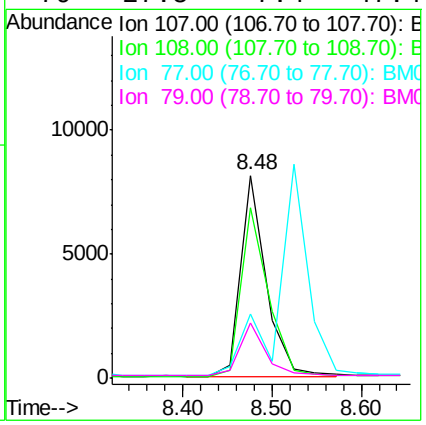


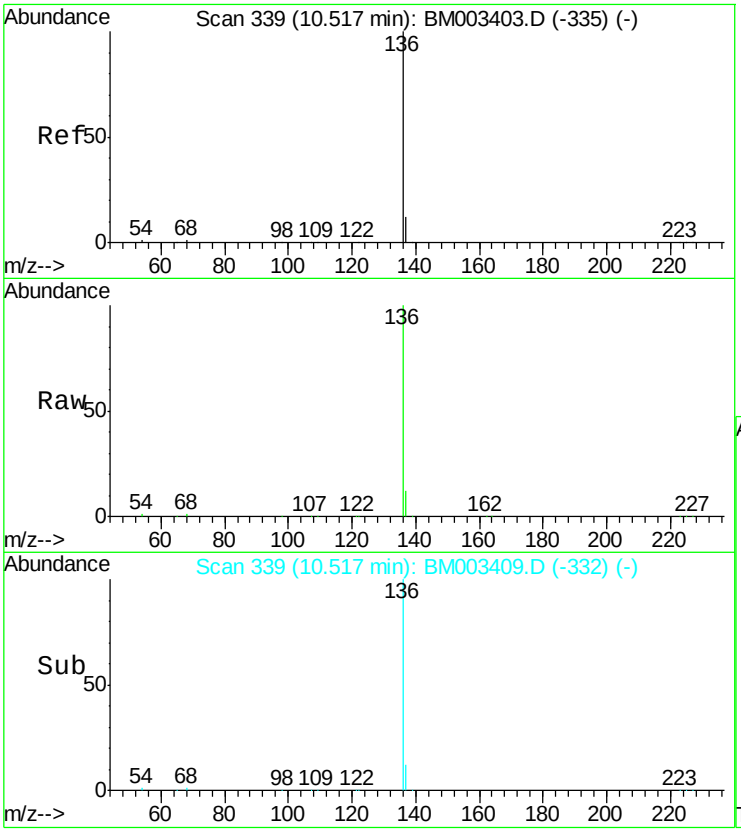


#10
3+4-Methylphenols
Concen: 1.04 ng
RT: 8.48 min Scan# 256
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:107 Resp: 16031

Ion	Ratio	Lower	Upper
107	100		
108	84.3	86.3	126.3#
77	31.9	151.7	191.7#
79	27.5	7.4	47.4



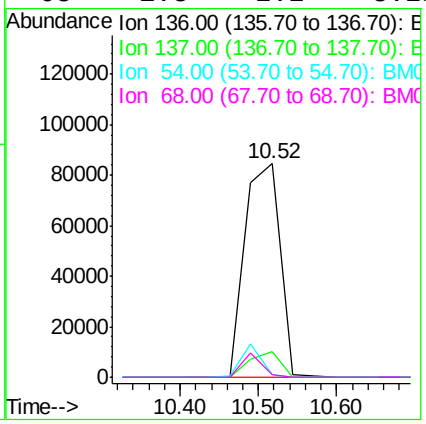


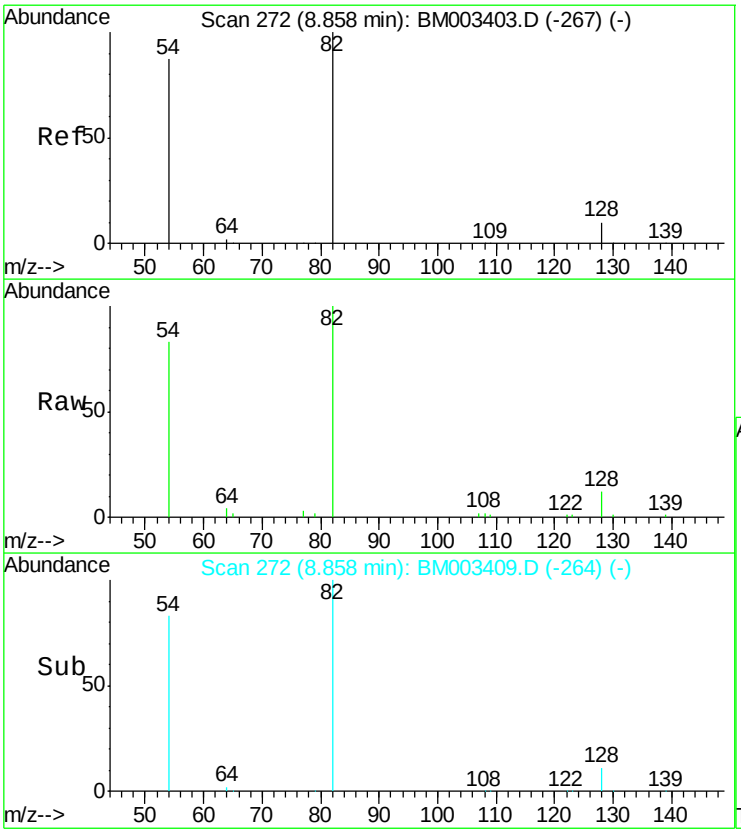
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.52 min Scan# 339
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:136 Resp: 266204

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.1	13.7
54	1.0	2.6	3.8#
68	1.3	2.2	3.2#

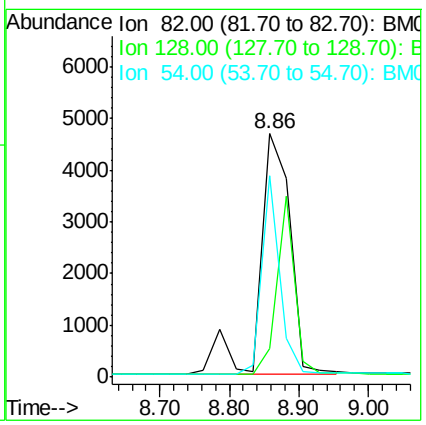


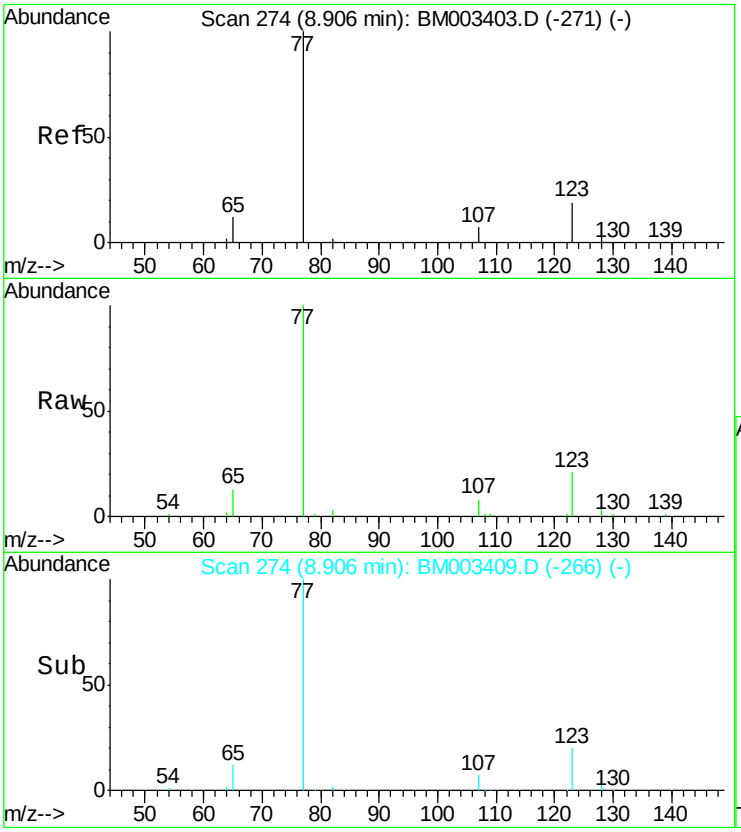


#12
Nitrobenzene-d5
Concen: 0.98 ng
RT: 8.86 min Scan# 272
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion: 82 Resp: 13837

Ion	Ratio	Lower	Upper
82	100		
128	0.0	0.0	0.0
54	49.3	59.0	88.6#



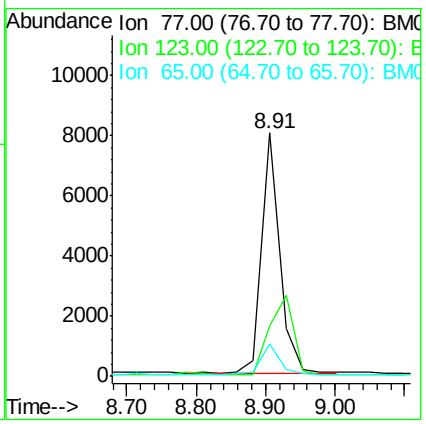


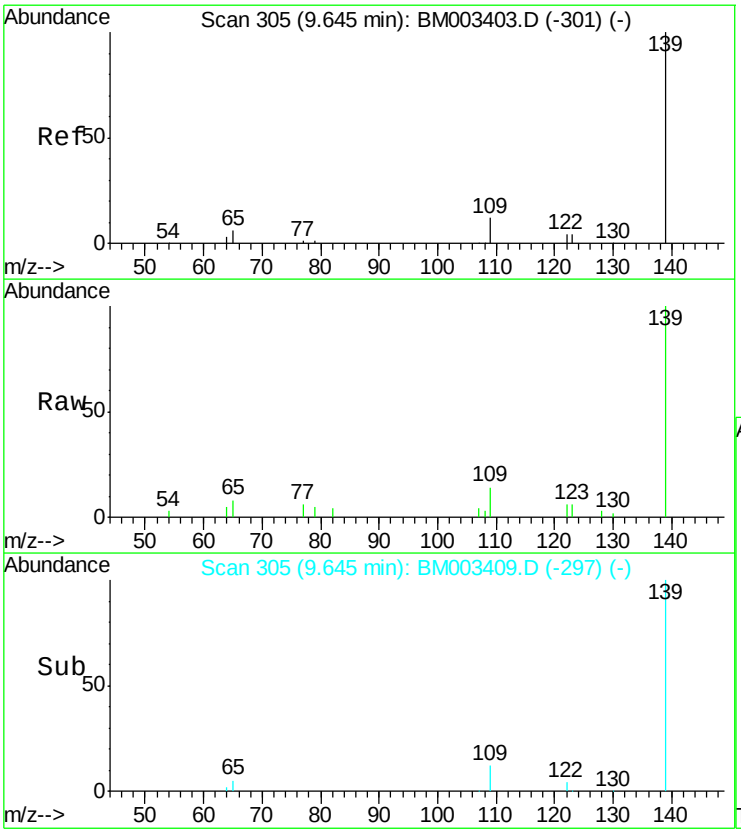
#13
Nitrobenzene
Concen: 0.98 ng
RT: 8.91 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 77 Resp: 14326

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.7	56.5#
65	12.5	9.8	14.6

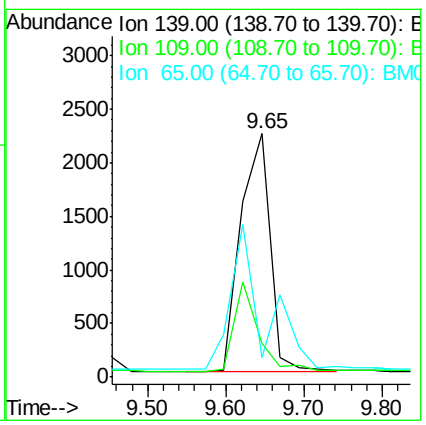


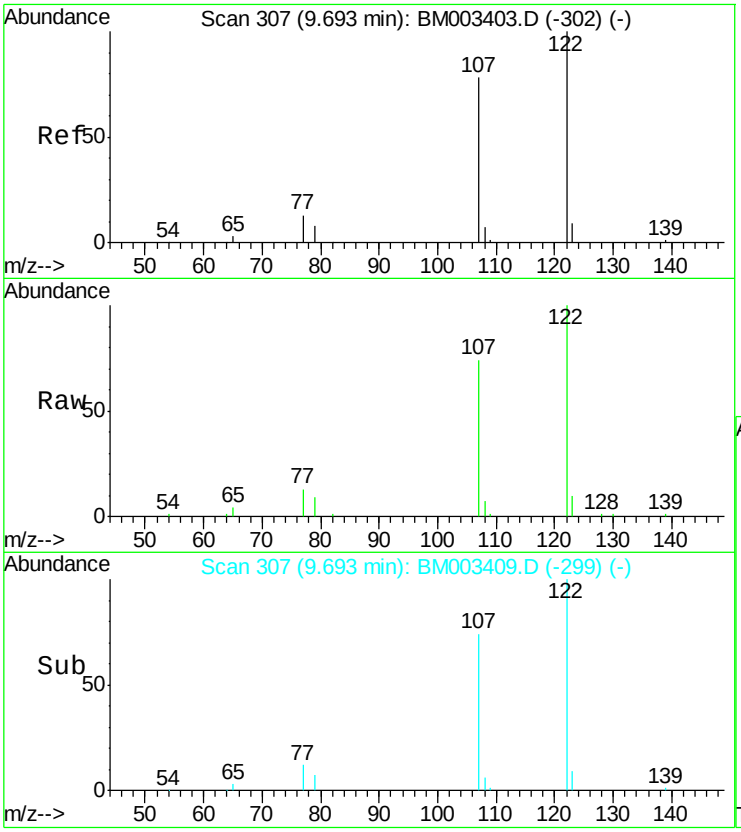


#14
2-Nitrophenol
Concen: 0.97 ng
RT: 9.65 min Scan# 305
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:139 Resp: 5798

Ion	Ratio	Lower	Upper
139	100		
109	13.8	19.5	29.3#
65	8.1	18.6	28.0#



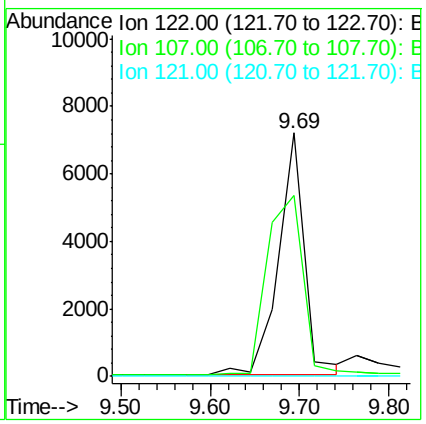


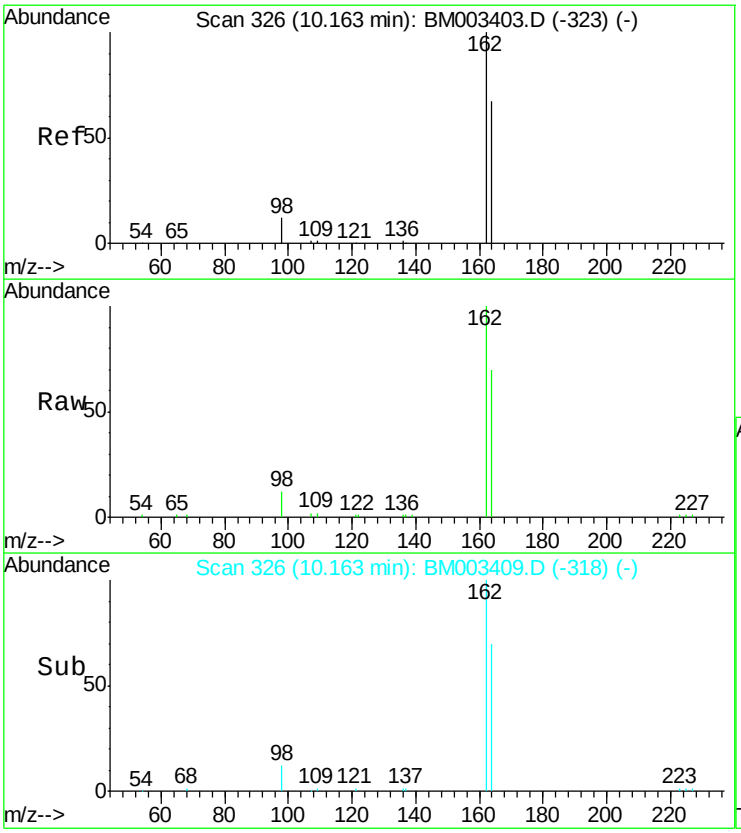
#15
2,4-Dimethylphenol
Concen: 1.02 ng
RT: 9.69 min Scan# 307
Delta R.T. 0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:122 Resp: 14407

Ion	Ratio	Lower	Upper
122	100		
107	74.0	68.6	102.8
121	0.0	44.8	67.2#

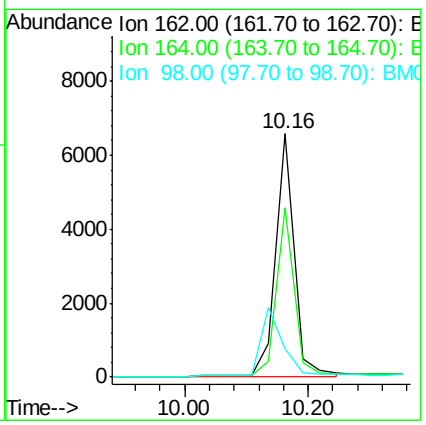


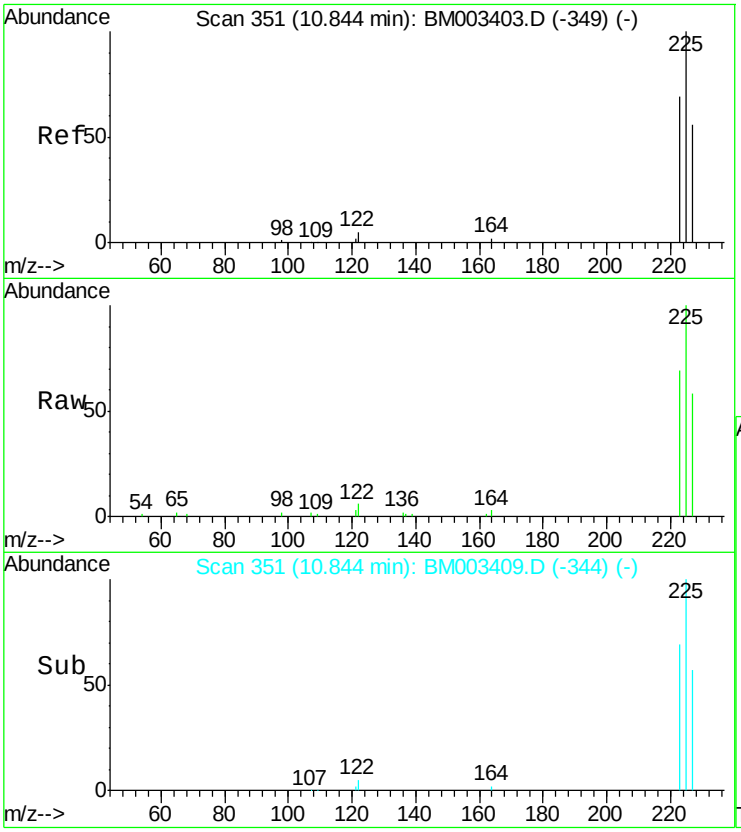


#16
2,4-Dichlorophenol
Concen: 1.04 ng
RT: 10.16 min Scan# 326
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:162 Resp: 13647

Ion	Ratio	Lower	Upper
162	100		
164	69.6	49.2	89.2
98	11.5	0.0	37.4



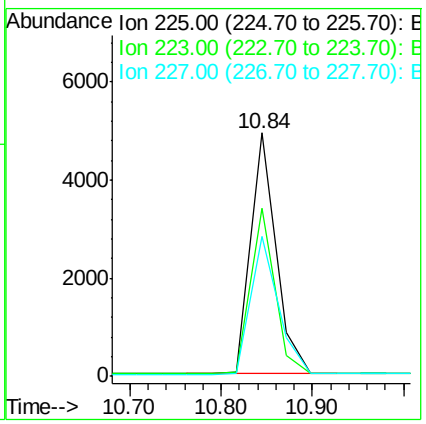


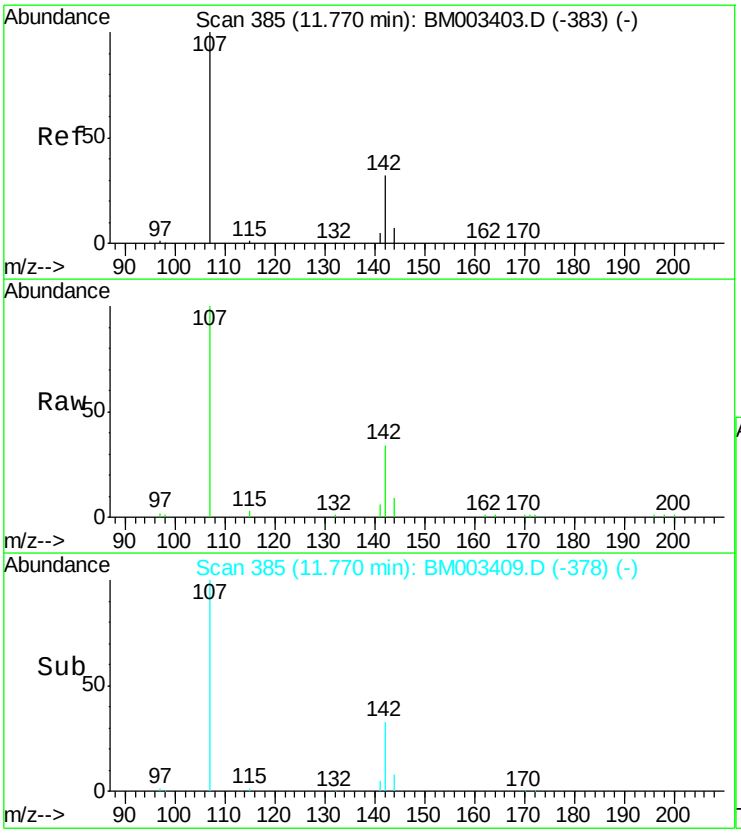
#17
Hexachlorobutadiene
Concen: 0.97 ng
RT: 10.84 min Scan# 351
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:225 Resp: 9484

Ion	Ratio	Lower	Upper
225	100		
223	65.5	53.0	79.4
227	61.4	52.2	78.4

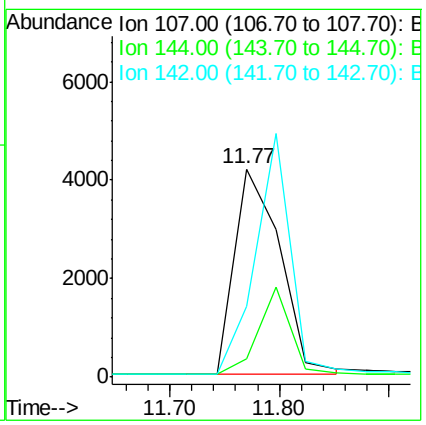


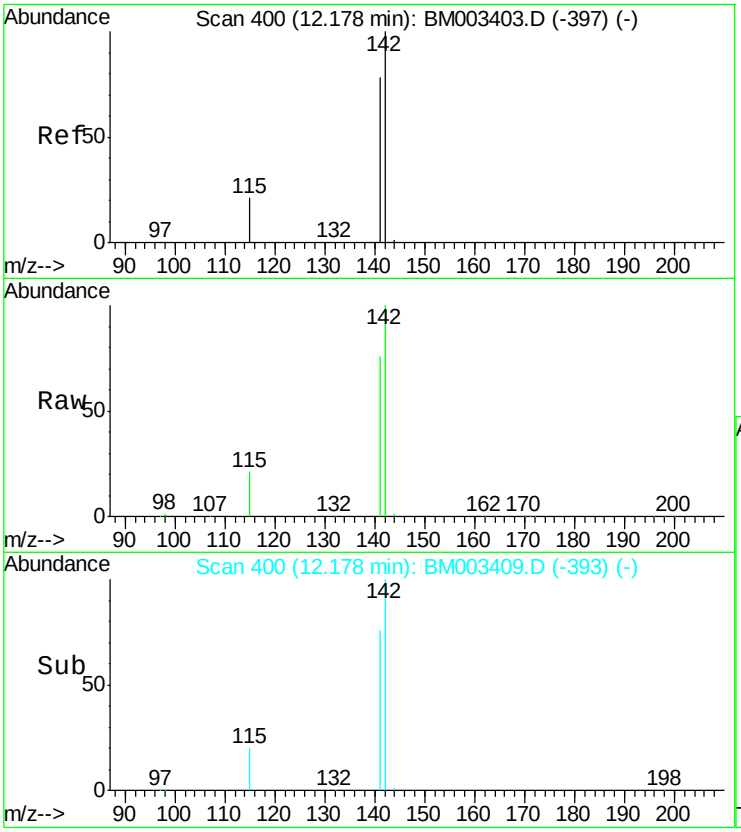


#18
4-Chloro-3-methylphenol
Concen: 1.05 ng
RT: 11.77 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:107 Resp: 12170

Ion	Ratio	Lower	Upper
107	100		
144	8.9	16.2	24.2#
142	34.2	49.8	74.6#



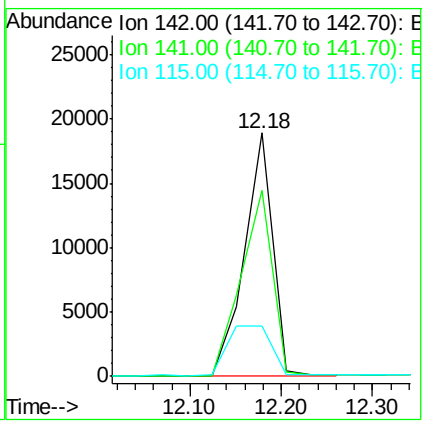


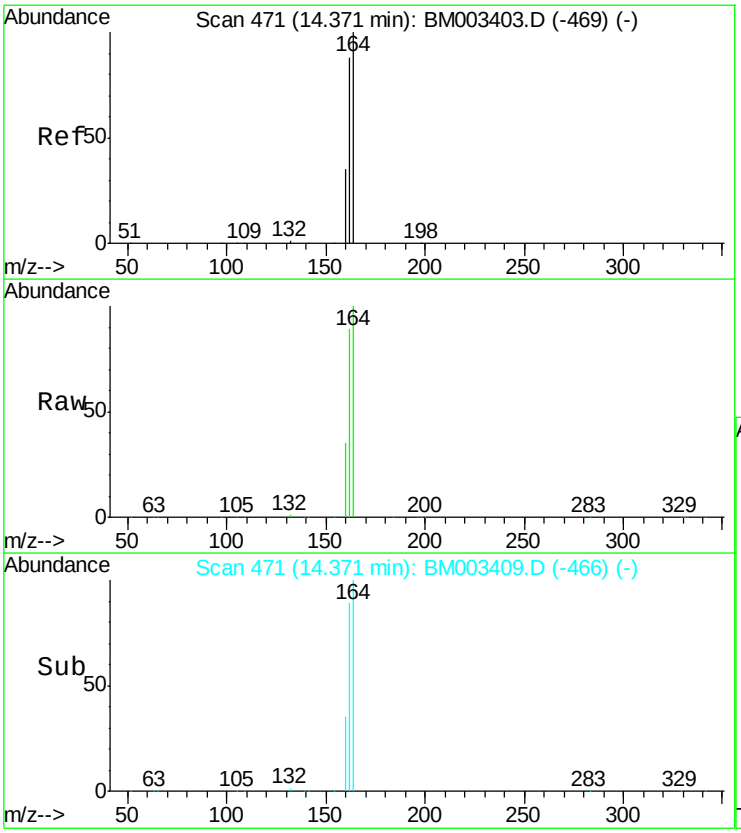
#19
2-Methylnaphthalene
Concen: 0.98 ng
RT: 12.18 min Scan# 400
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 40232

Ion	Ratio	Lower	Upper
142	100		
141	85.3	71.4	107.0
115	0.0	29.3	43.9#

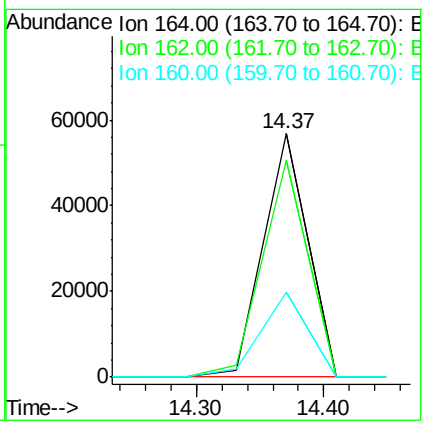


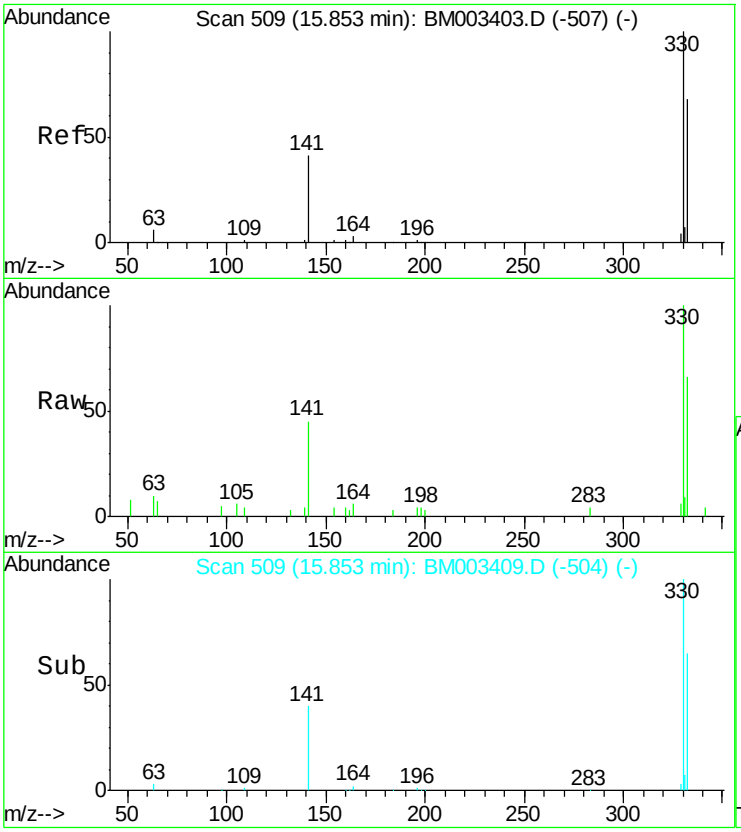


#20
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 471
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:164 Resp: 136913

Ion	Ratio	Lower	Upper
164	100		
162	88.8	79.2	118.8
160	35.0	33.7	50.5



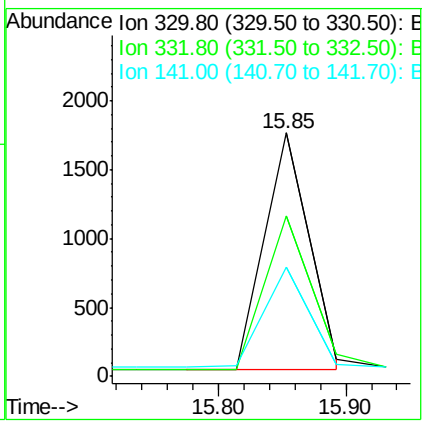


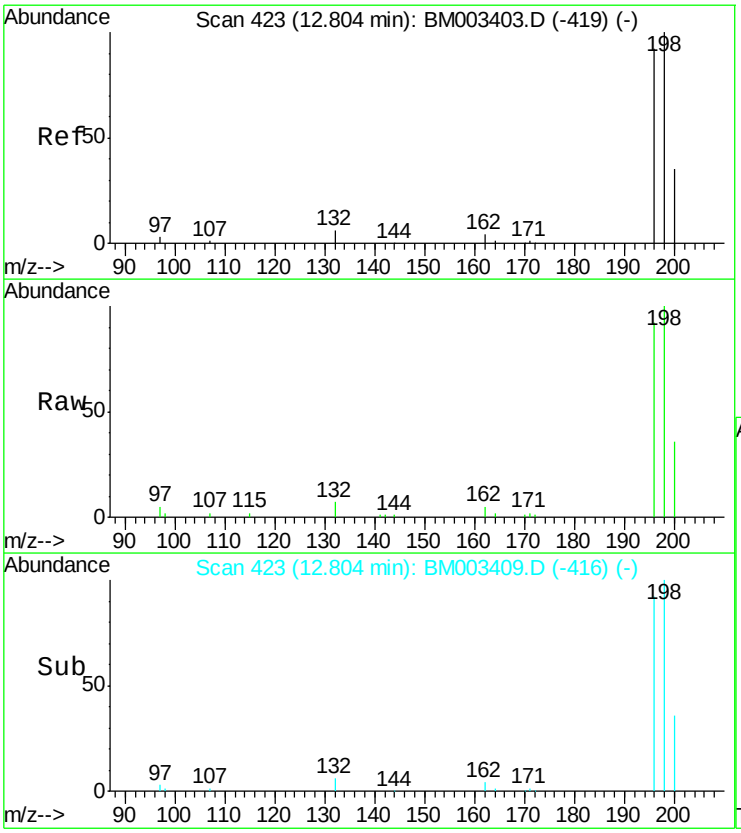
#21
2,4,6-Tribromophenol
Concen: 1.09 ng
RT: 15.85 min Scan# 509
Delta R.T. 0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 4218

Ion	Ratio	Lower	Upper
330	100		
332	68.4	74.0	111.0#
141	42.1	24.1	36.1#

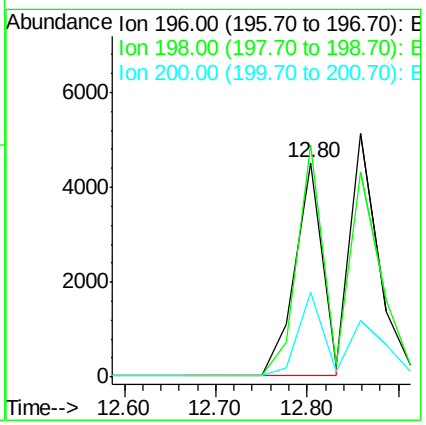


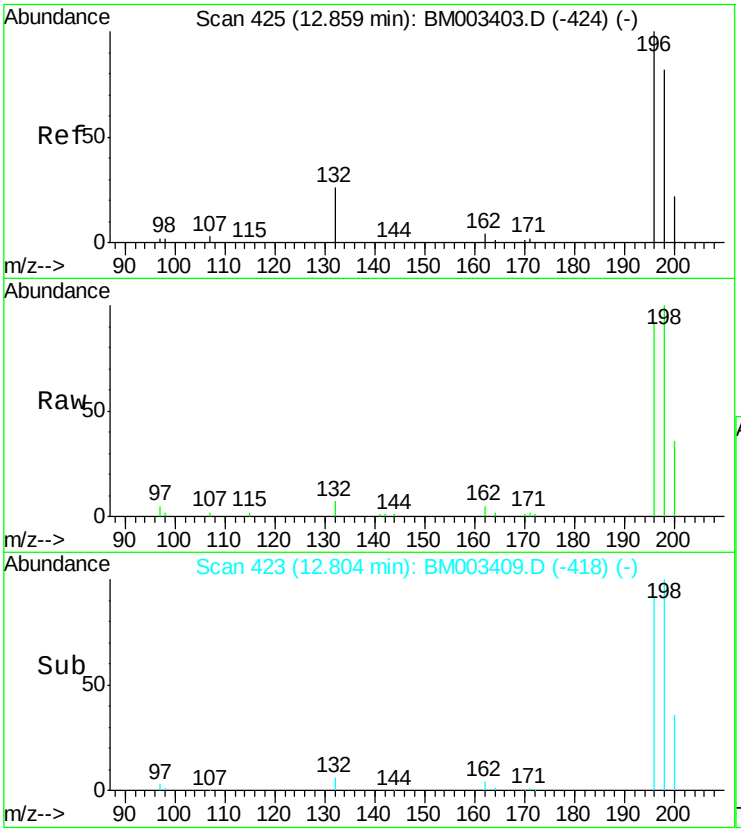


#22
2,4,6-Trichlorophenol
Concen: 1.02 ng
RT: 12.80 min Scan# 423
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:196 Resp: 9337

Ion	Ratio	Lower	Upper
196	100		
198	108.6	54.2	81.2#
200	39.4	17.1	25.7#



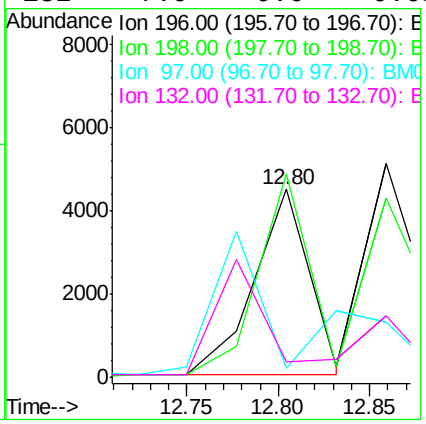


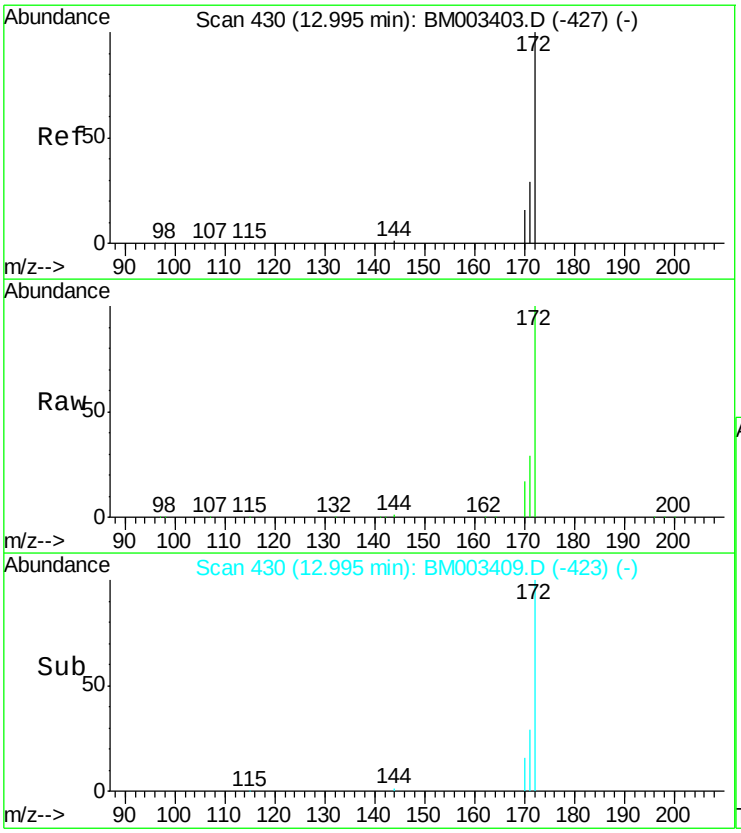
#23
2,4,5-Trichlorophenol
Concen: 0.88 ng
RT: 12.80 min Scan# 423
Delta R.T. -0.05 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:196 Resp: 9328

Ion	Ratio	Lower	Upper
196	100		
198	108.6	73.6	110.4
97	5.0	0.0	0.0#
132	7.9	0.0	0.0#

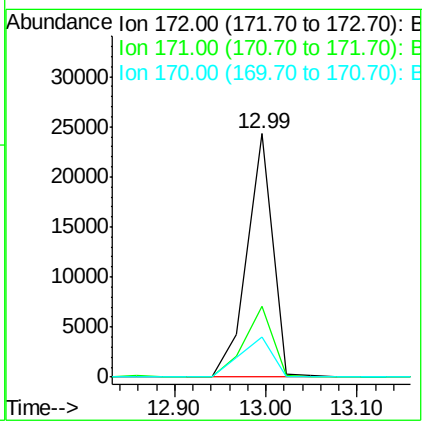


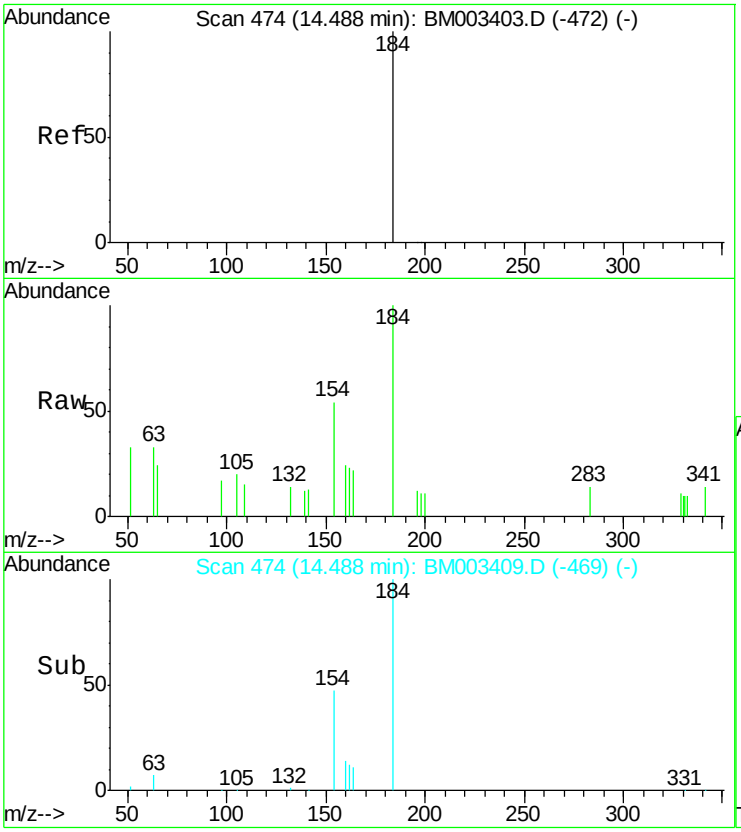


#24
2-Fluorobiphenyl
Concen: 0.97 ng
RT: 12.99 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:172 Resp: 46989

Ion	Ratio	Lower	Upper
172	100		
171	31.7	28.0	42.0
170	20.6	18.9	28.3



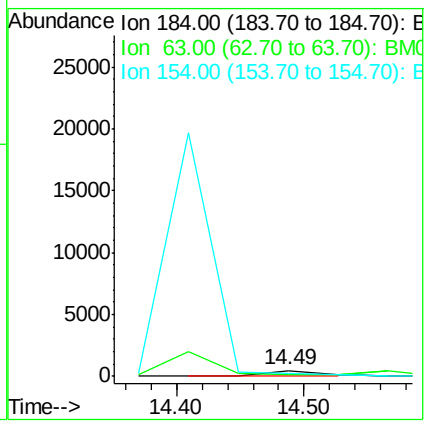


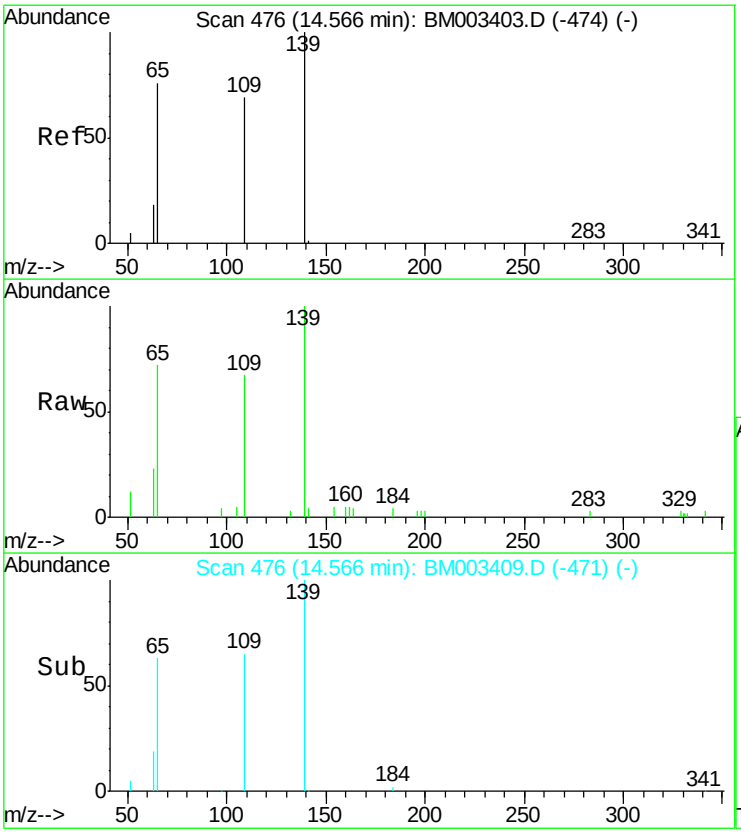
#25
2,4-Dinitrophenol
Concen: 1.09 ng
RT: 14.49 min Scan# 474
Delta R.T. 0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:184 Resp: 1070

Ion	Ratio	Lower	Upper
184	100		
63	33.0	52.0	78.0#
154	54.3	51.4	77.2

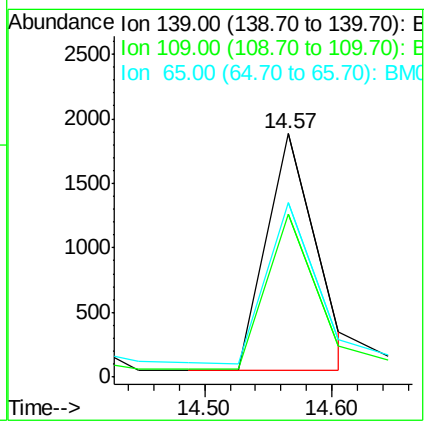


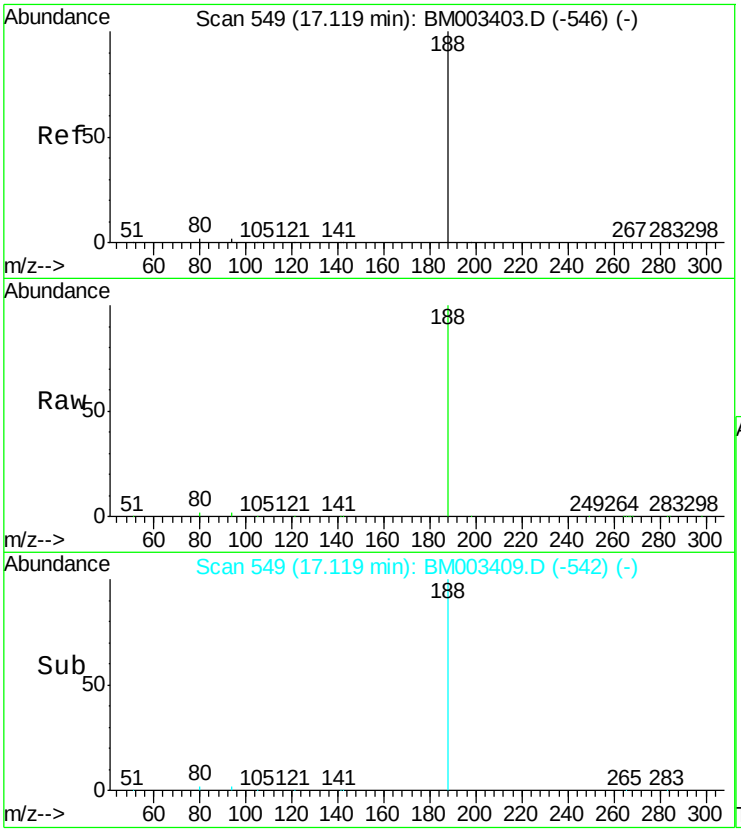


#26
4-Nitrophenol
Concen: 1.09 ng
RT: 14.57 min Scan# 476
Delta R.T. 0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:139 Resp: 4958

Ion	Ratio	Lower	Upper
139	100		
109	67.1	60.0	100.0
65	71.7	85.7	125.7#



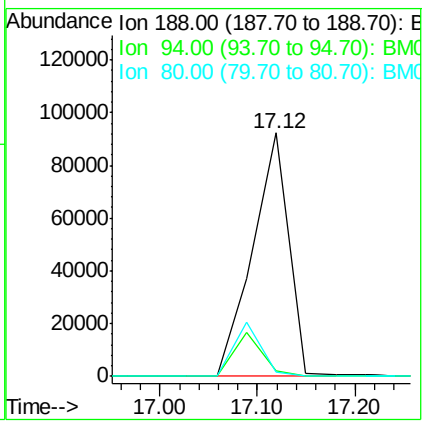


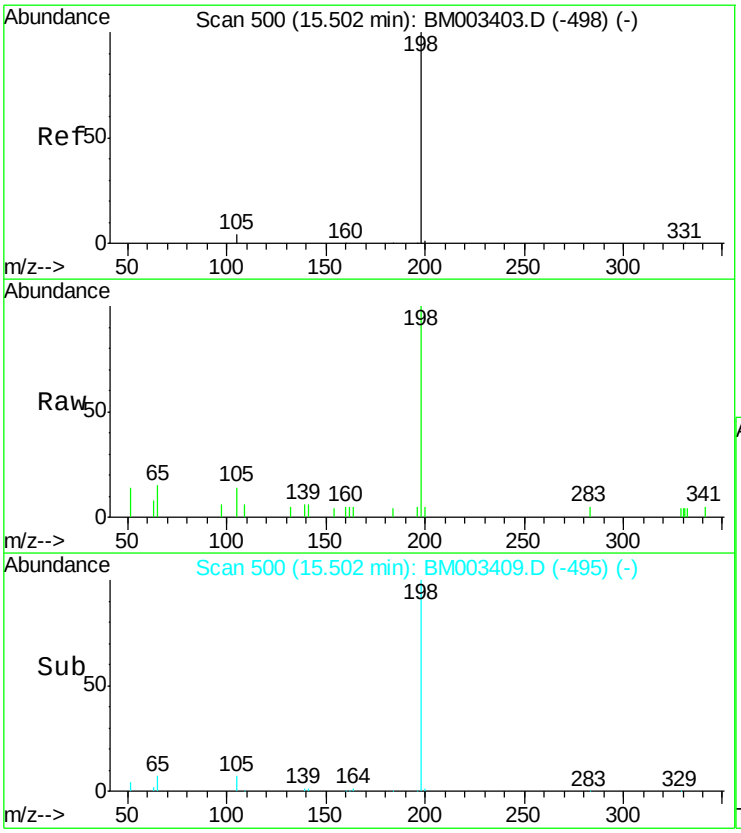
#27
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.12 min Scan# 549
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:188 Resp: 240348

Ion	Ratio	Lower	Upper
188	100		
94	2.2	2.9	4.3#
80	1.7	2.5	3.7#

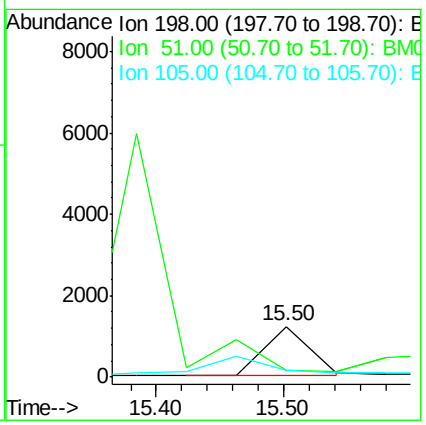


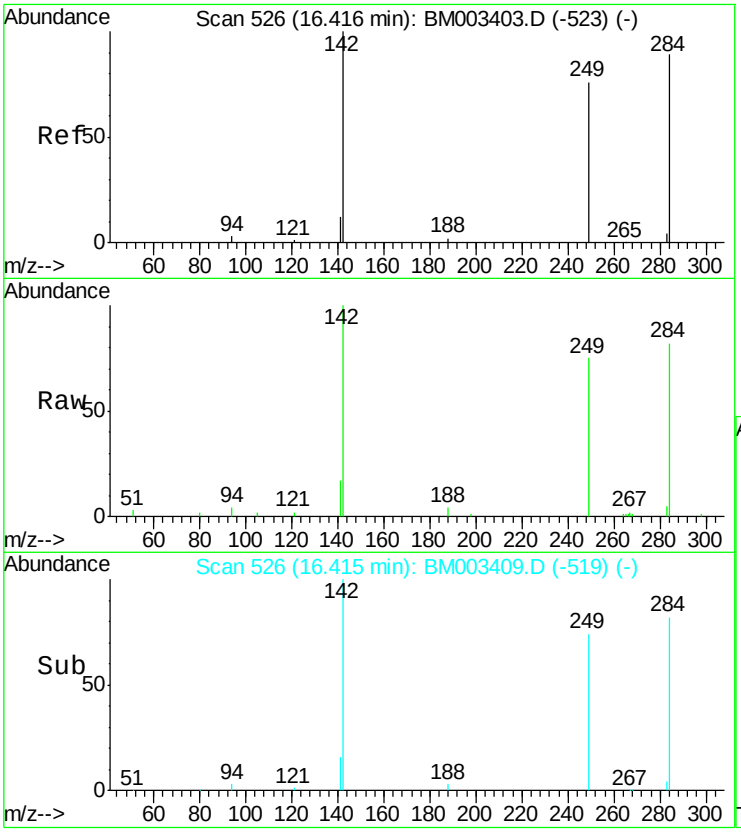


#28
4,6-Dinitro-2-methylphenol
Concen: 1.02 ng
RT: 15.50 min Scan# 500
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:198 Resp: 2943

Ion	Ratio	Lower	Upper
198	100		
51	14.1	60.8	100.8#
105	13.7	30.0	70.0#



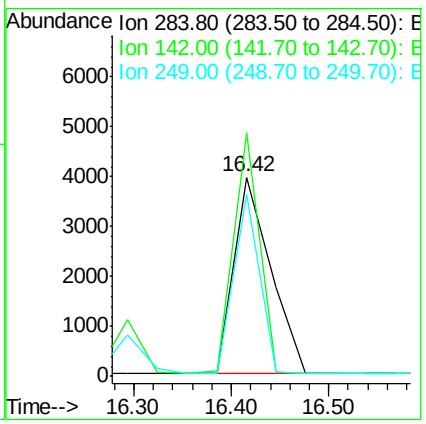


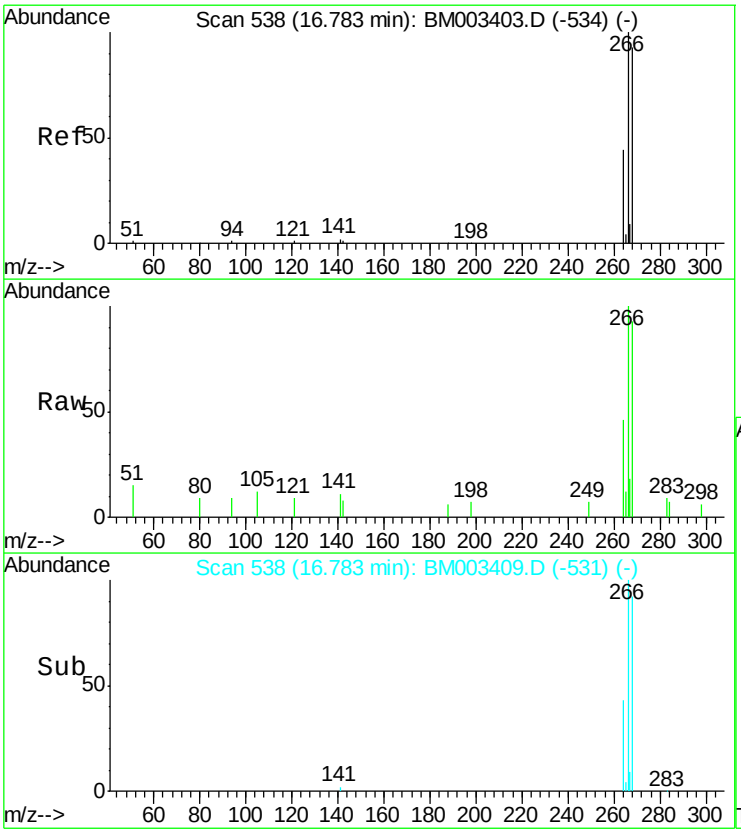
#29
Hexachlorobenzene
Concen: 1.02 ng
RT: 16.42 min Scan# 526
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:284 Resp: 10438

Ion	Ratio	Lower	Upper
284	100		
142	86.3	23.3	34.9#
249	63.9	23.3	34.9#

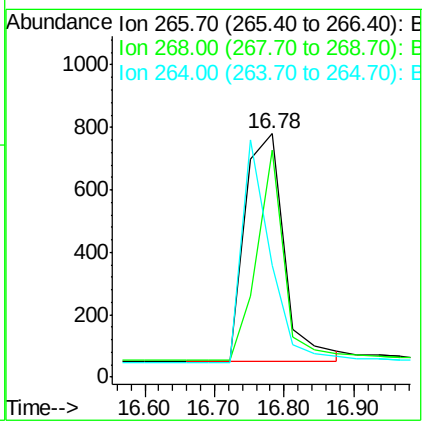


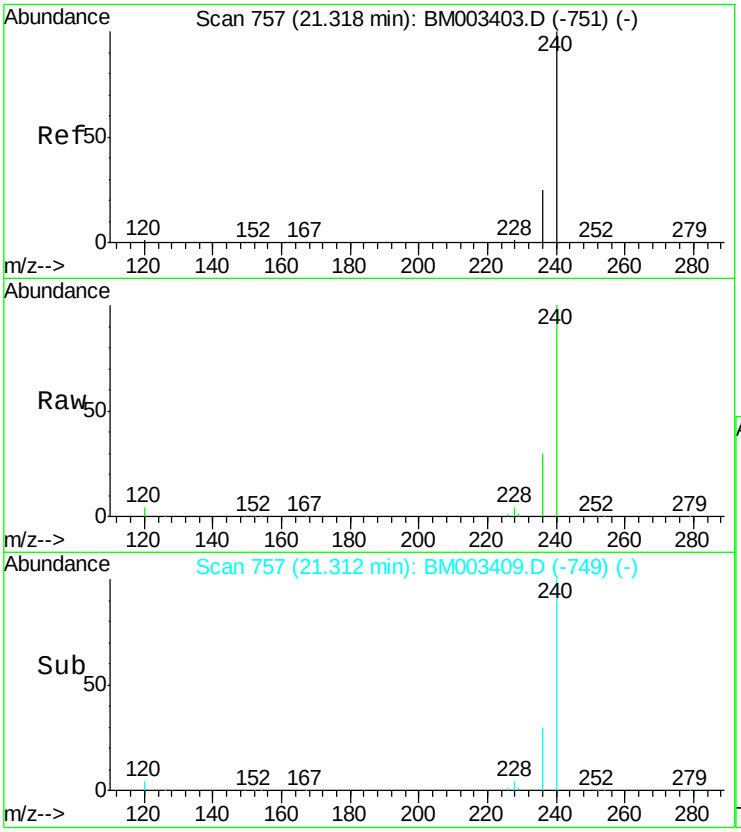


#30
Pentachlorophenol
Concen: 0.97 ng
RT: 16.78 min Scan# 538
Delta R.T. 0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:266 Resp: 2867

Ion	Ratio	Lower	Upper
266	100		
268	93.2	62.6	94.0
264	45.8	47.9	71.9#



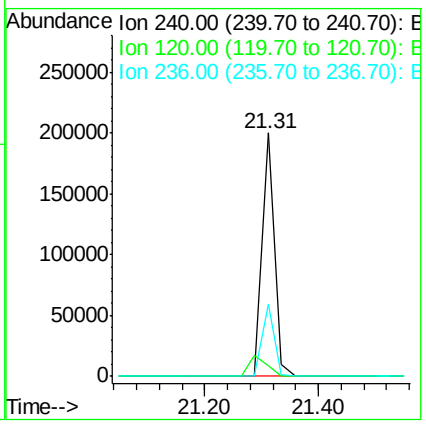


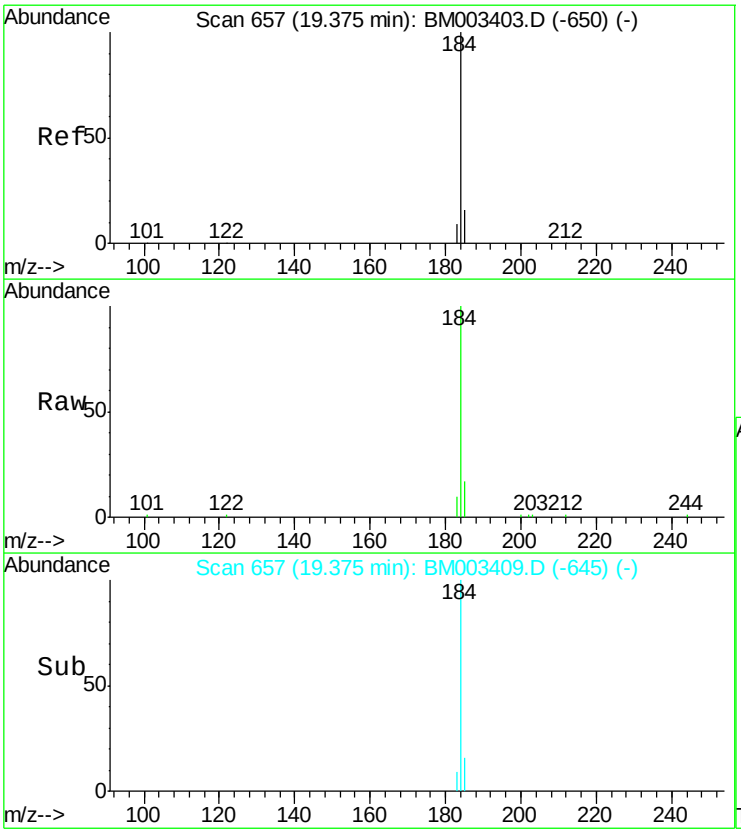
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 757
Delta R.T. -0.01 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 303365

Ion	Ratio	Lower	Upper
240	100		
120	4.2	10.4	15.6#
236	29.6	22.0	33.0

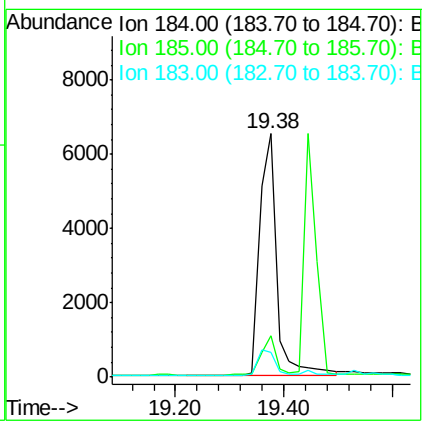


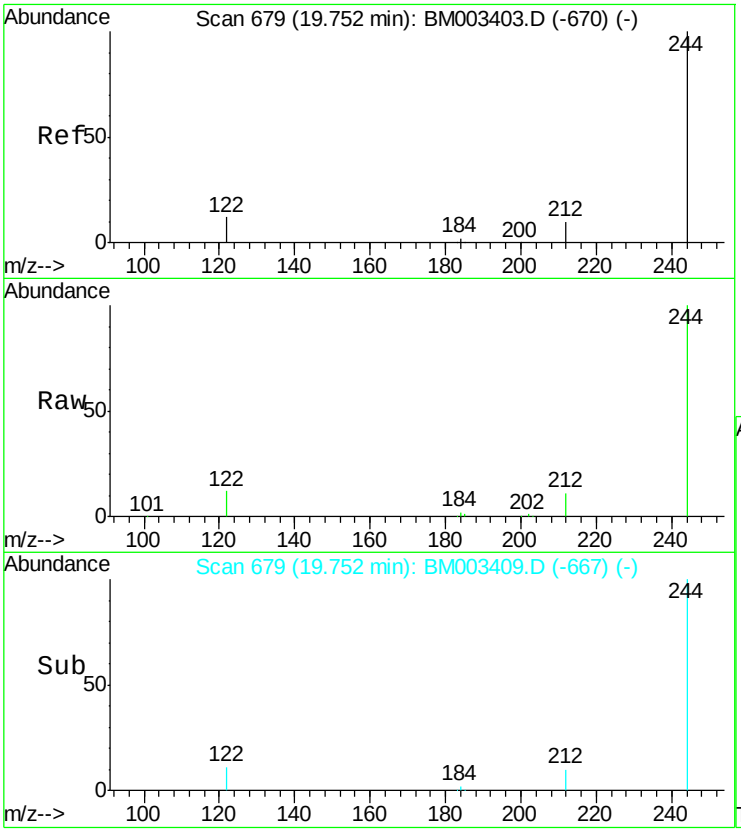


#32
Benzidine
Concen: 0.85 ng
RT: 19.38 min Scan# 657
Delta R.T. 0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:184 Resp: 14179

Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.6	17.4
183	10.1	8.6	13.0



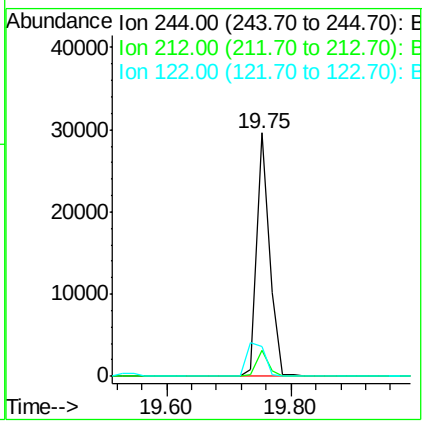


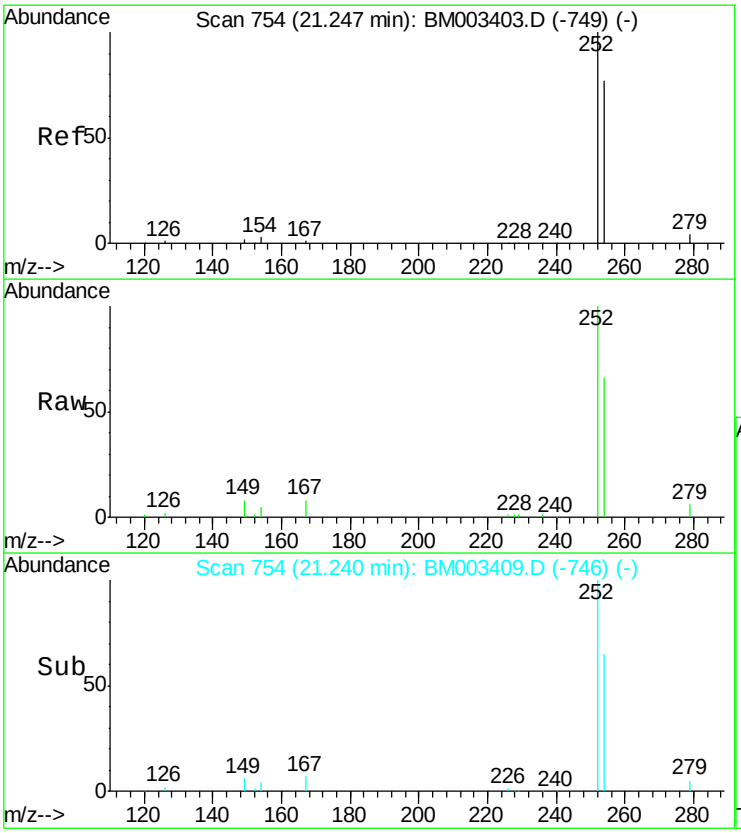
#33
Terphenyl-d14
Concen: 1.03 ng
RT: 19.75 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 42108

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	18.7	14.8	22.2

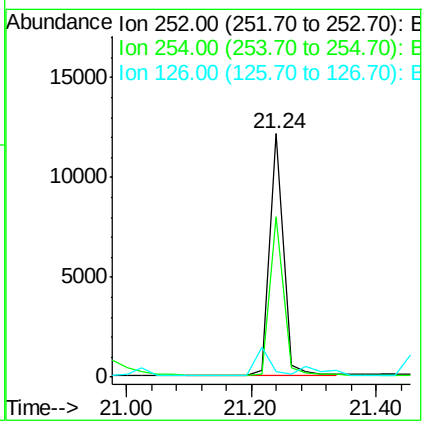


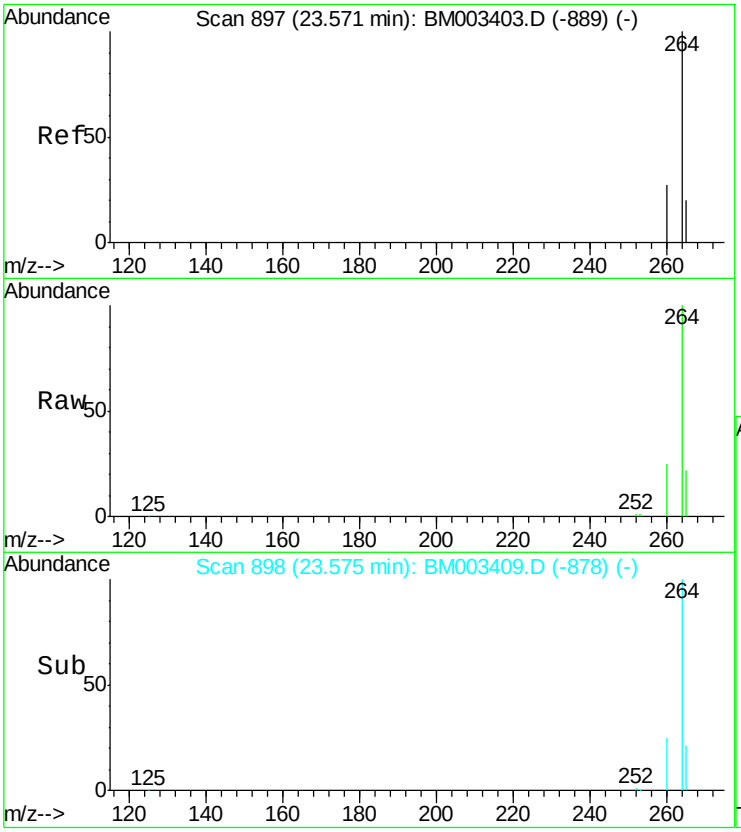


#34
3,3'-Dichlorobenzidine
Concen: 0.90 ng
RT: 21.24 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Tgt Ion:252 Resp: 18906

Ion	Ratio	Lower	Upper
252	100		
254	65.9	53.7	80.5
126	2.2	2.8	4.2#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.57 min Scan# 898
Delta R.T. 0.00 min
Lab File: BM003409.D
Acq: 07 Dec 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:264 Resp: 192401

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	21.8	17.4	26.2