Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120715\
Data File : BM003407.D
Acq On : 07 Dec 2015 14:48
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM120715

Quant Time: Dec 07 15:28:21 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	82706	5.00	ng		0.00
11) Naphthalene-d8	10.52	136	292321	5.00	ng		0.00
20) Acenaphthene-d10	14.37	164	176326	5.00	ng		0.00
27) Phenanthrene-d10	17.12	188	268164	5.00	ng		0.00
31) Chrysene-d12	21.31	240	210129	5.00	ng		0.00
35) Perylene-d12	23.59	264	194645	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	13761	0.97	ng		-0.02
5) Phenol-d6	6.88	99	19914	1.00	ng		0.00
12) Nitrobenzene-d5	8.86	82	15813	1.02	ng		0.00
21) 2,4,6-Tribromophenol	15.85	330	3375	0.76	ng		0.00
24) 2-Fluorobiphenyl	13.00	172	54112	0.87	ng		0.00
33) Terphenyl-d14	19.75	244	33385	1.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	6472	0.95	ng	#	12
3) n-Nitrosodimethylamine	3.53	42	6373	0.98	ng		85
6) 2-Chlorophenol	7.29	128	18637	1.01	ng		90
7) Phenol	6.91	94	20509	0.99	ng		99
8) bis(2-Chloroethyl)ether	7.15	93	14929	1.01	ng	#	40
9) 2-Methylphenol	8.17	107	11745	1.00	ng		97
10) 3+4-Methylphenols	8.48	107	17103	1.01	ng	#	36
13) Nitrobenzene	8.91	77	16332	1.01	ng	#	44
14) 2-Nitrophenol	9.65	139	6439	0.98	ng	#	74
15) 2,4-Dimethylphenol	9.69	122	15747	1.02	ng	#	65
16) 2,4-Dichlorophenol	10.16	162	14673	1.02	ng		96
17) Hexachlorobutadiene	10.84	225	10219	0.96	ng		97
18) 4-Chloro-3-methylphenol	11.80	107	12340	0.98	ng	#	1
19) 2-Methylnaphthalene	12.18	142	44663	0.99	ng		94
22) 2,4,6-Trichlorophenol	12.80	196	9875	0.84	ng	#	56
23) 2,4,5-Trichlorophenol	12.80	196	9874	0.76	ng	#	85
25) 2,4-Dinitrophenol	14.49	184	1295	1.04	ng	#	73
26) 4-Nitrophenol	14.57	139	4342	0.81	ng		87
28) 4,6-Dinitro-2-methylphenol	15.50	198	3439	1.06	ng	#	32
29) Hexachlorobenzene	16.42	284	9754	0.86	ng	#	1
30) Pentachlorophenol	16.78	266	2633	0.85	ng	#	85
32) Benzidine	19.38	184	15945	1.15	ng		98
34) 3,3'-Dichlorobenzidine	21.24	252	14611	0.97	ng	#	86

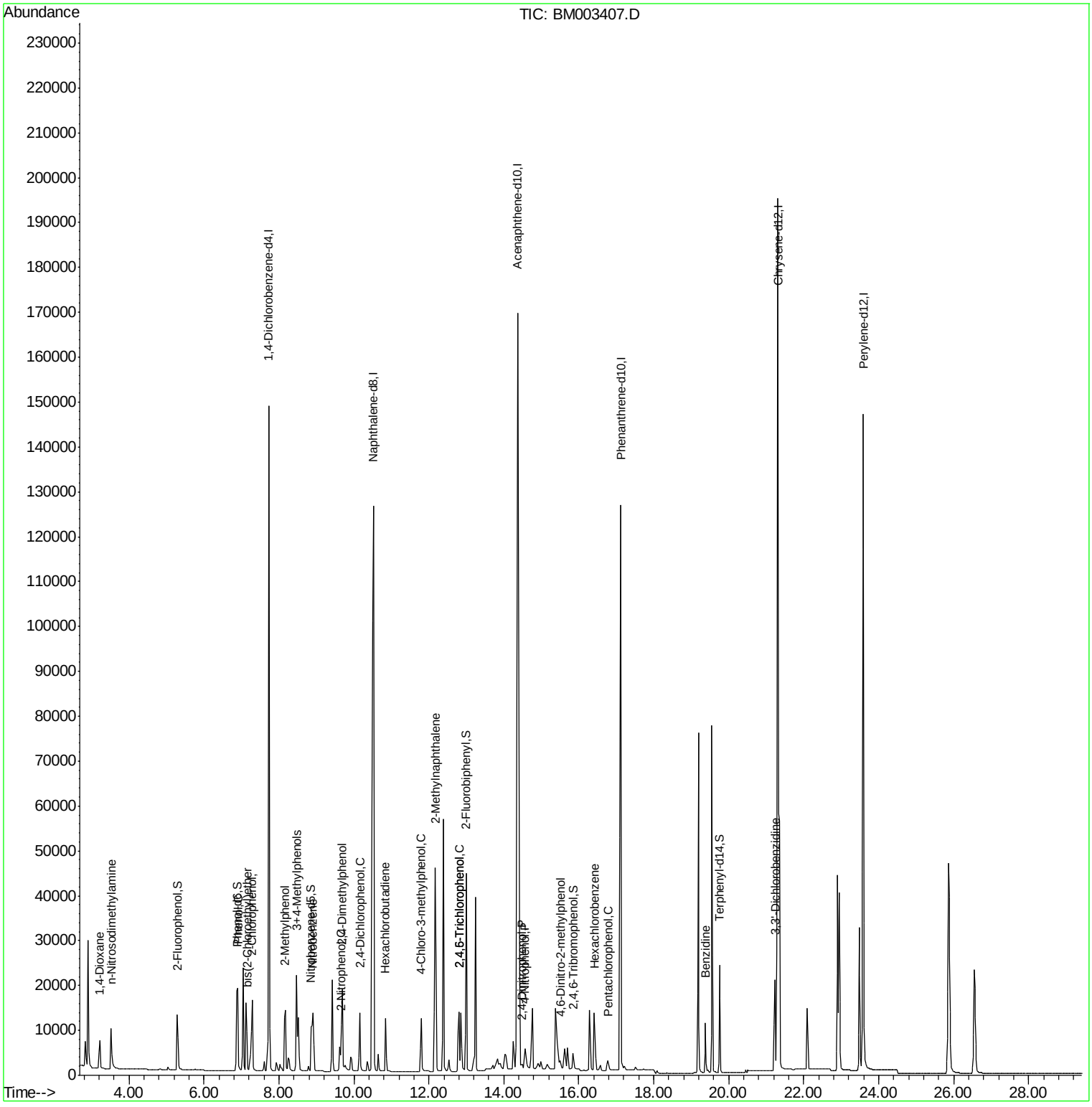
(#) = qualifier out of range (m) = manual integration (+) = signals summed

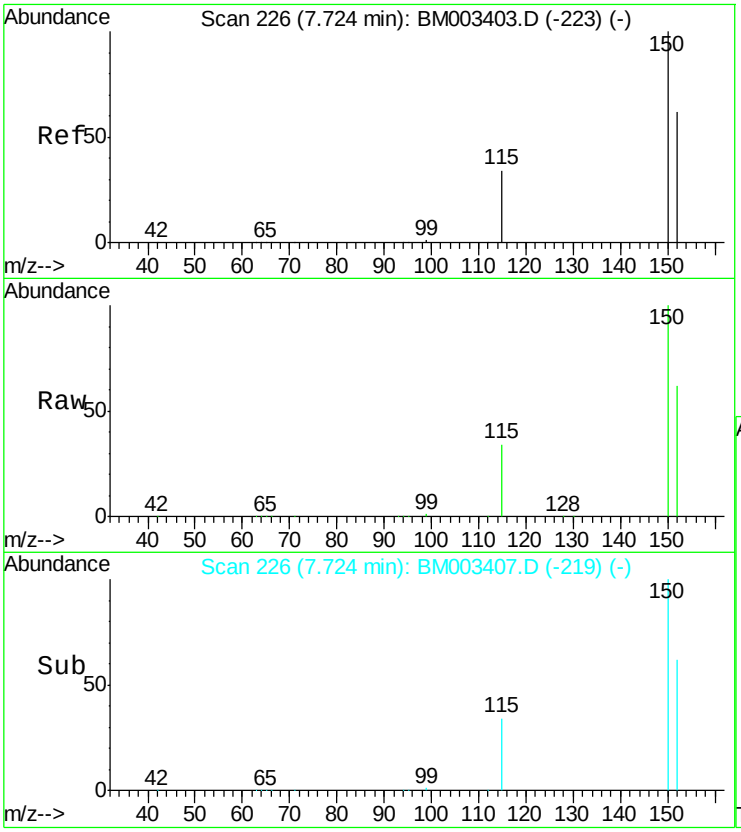
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120715\
Data File : BM003407.D
Acq On : 07 Dec 2015 14:48
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Quant Time: Dec 07 15:28:21 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



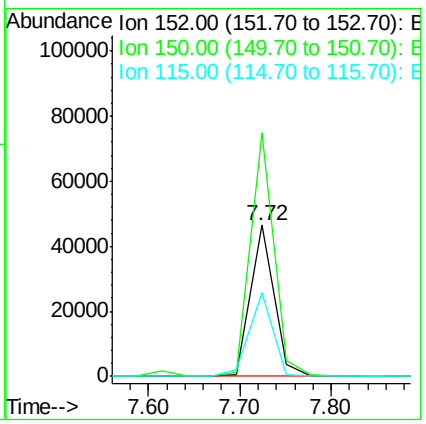


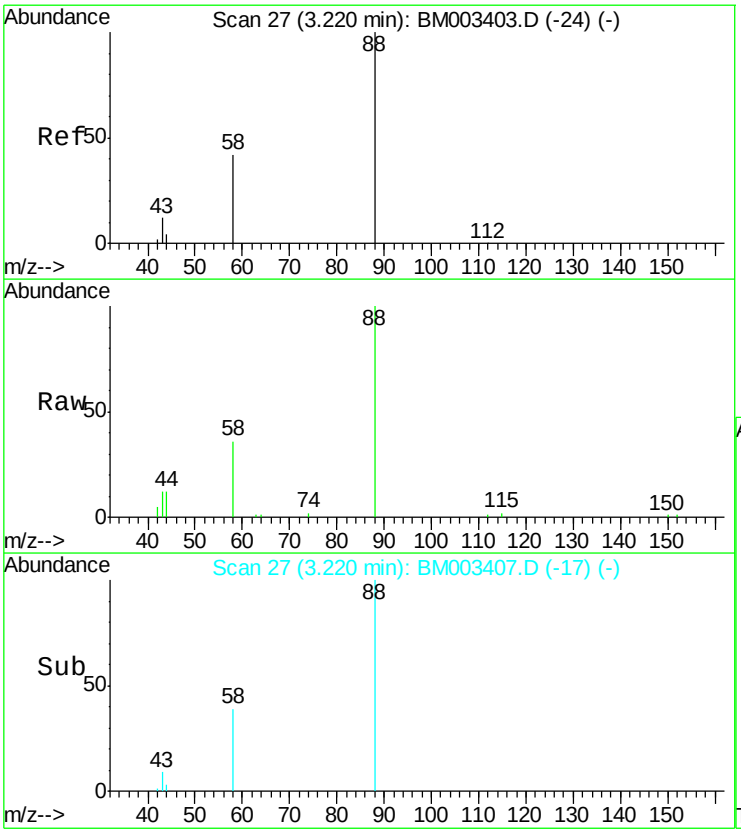
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 226
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:152 Resp: 82706

Ion	Ratio	Lower	Upper
152	100		
150	161.0	116.3	174.5
115	55.1	31.9	47.9#

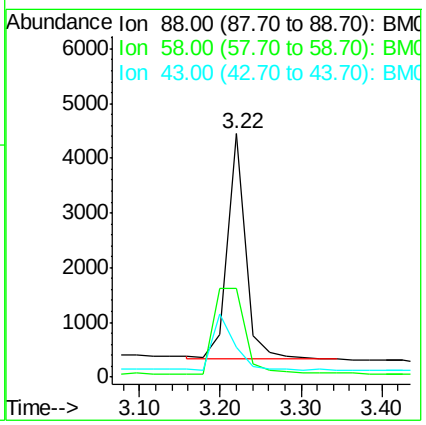


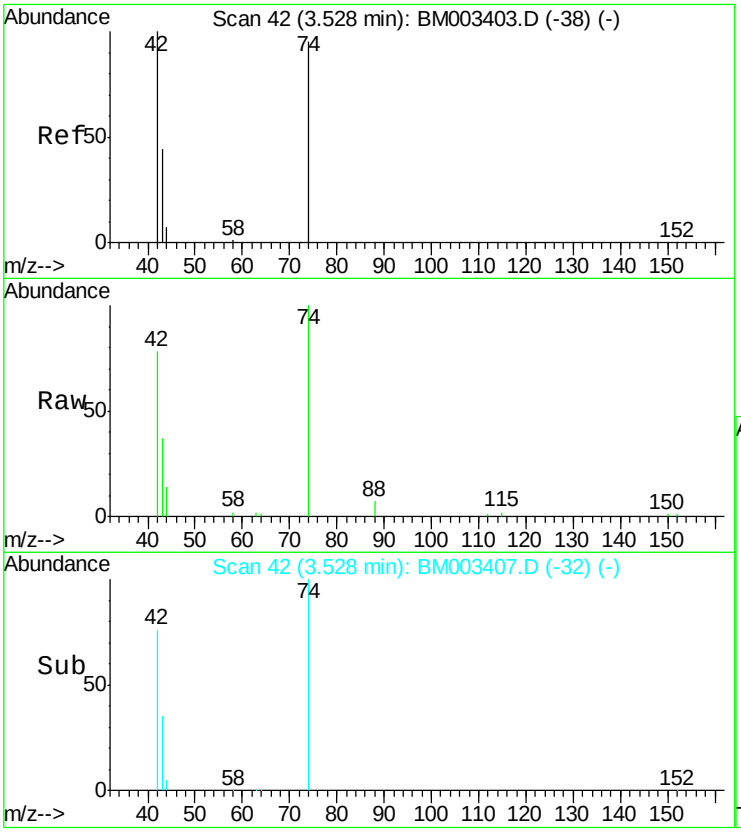


#2
1,4-Dioxane
Concen: 0.95 ng
RT: 3.22 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion: 88 Resp: 6472

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



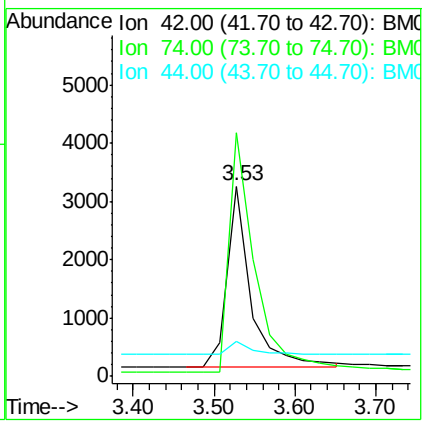


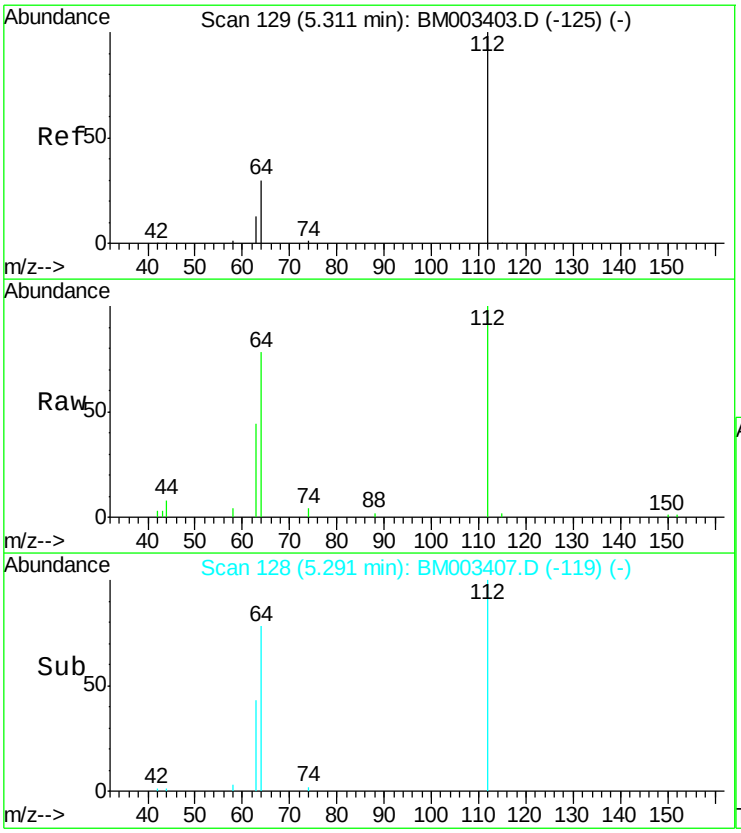
#3
n-Nitrosodimethylamine
Concen: 0.98 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion: 42 Resp: 6373

Ion	Ratio	Lower	Upper
42	100		
74	143.9	101.0	151.4
44	7.0	6.3	9.5

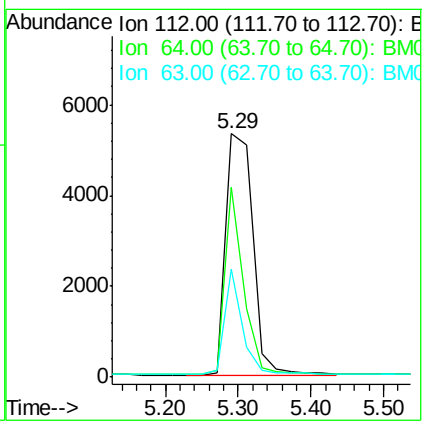


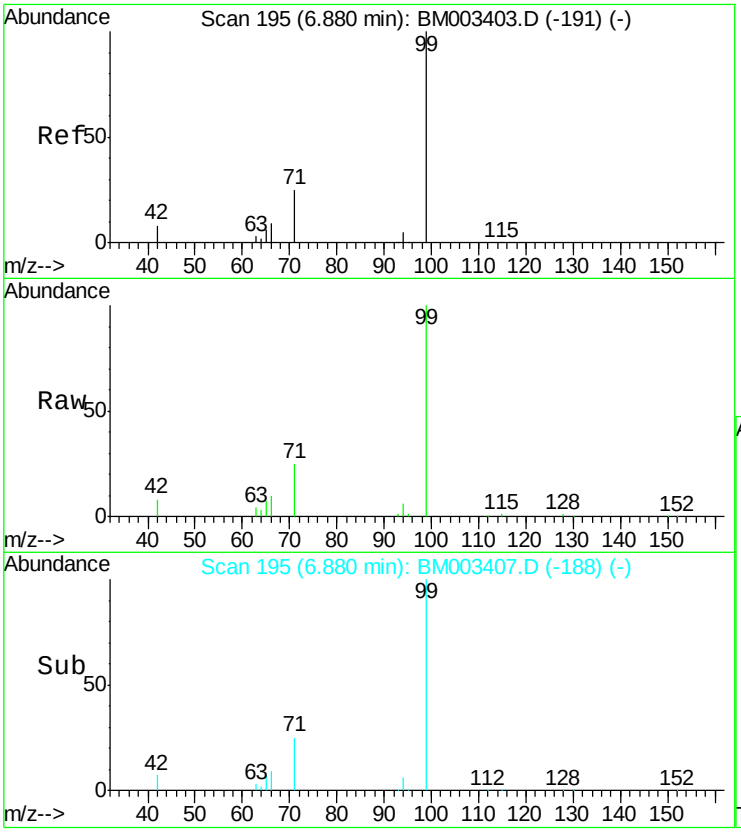


#4
2-Fluorophenol
Concen: 0.97 ng
RT: 5.29 min Scan# 128
Delta R.T. -0.02 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:112 Resp: 13761

Ion	Ratio	Lower	Upper
112	100		
64	78.2	49.3	73.9#
63	44.2	26.2	39.4#



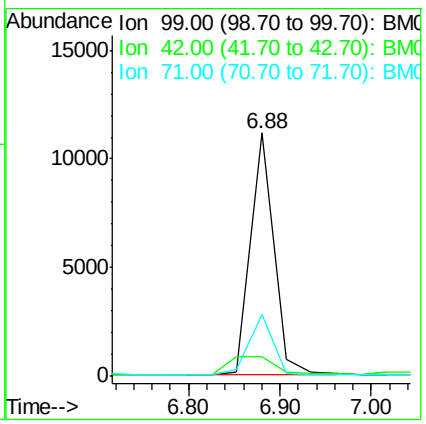


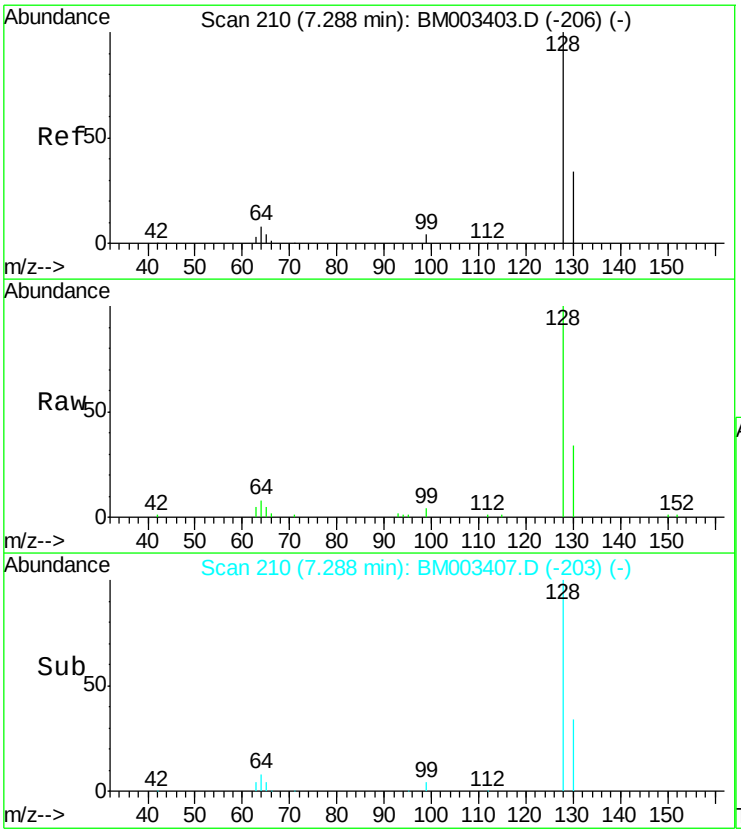
#5
Phenol-d6
Concen: 1.00 ng
RT: 6.88 min Scan# 195
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion: 99 Resp: 19914

Ion	Ratio	Lower	Upper
99	100		
42	8.2	12.1	18.1#
71	25.3	26.4	39.6#

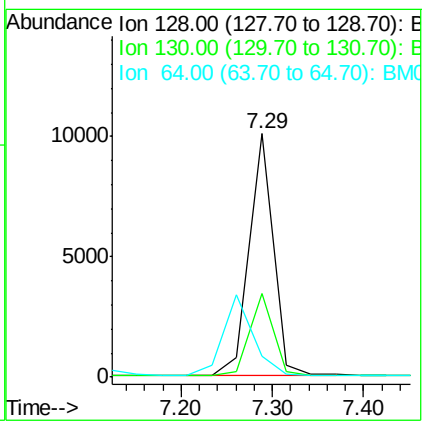


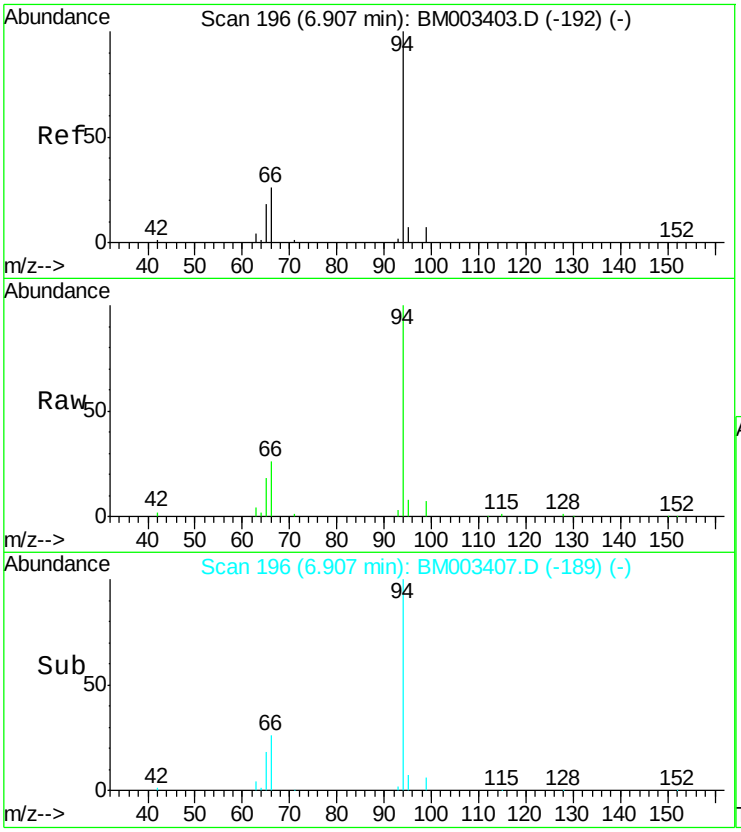


#6
2-Chlorophenol
Concen: 1.01 ng
RT: 7.29 min Scan# 210
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:128 Resp: 18637

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



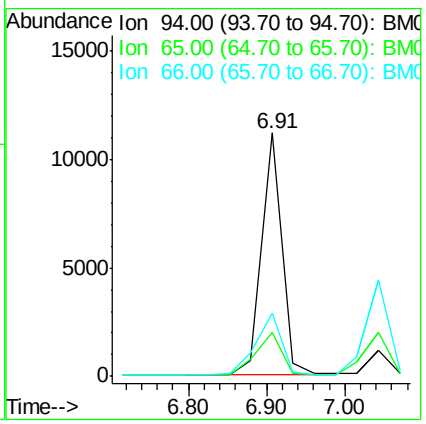


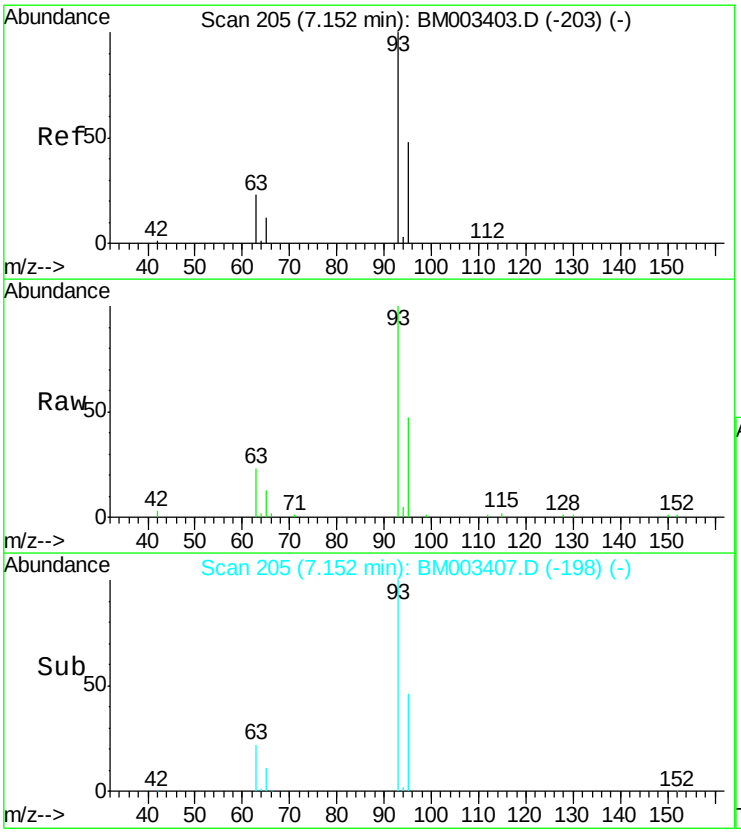
#7
Phenol
Concen: 0.99 ng
RT: 6.91 min Scan# 196
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion: 94 Resp: 20509

Ion	Ratio	Lower	Upper
94	100		
65	18.1	0.0	37.7
66	26.1	6.3	46.3

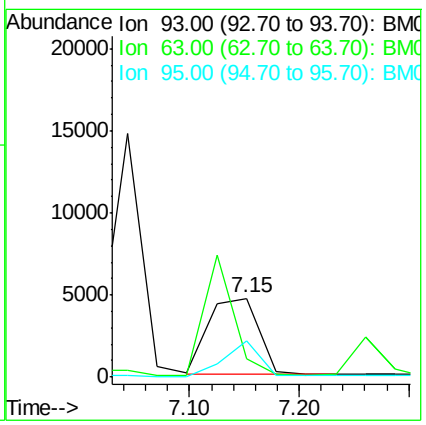


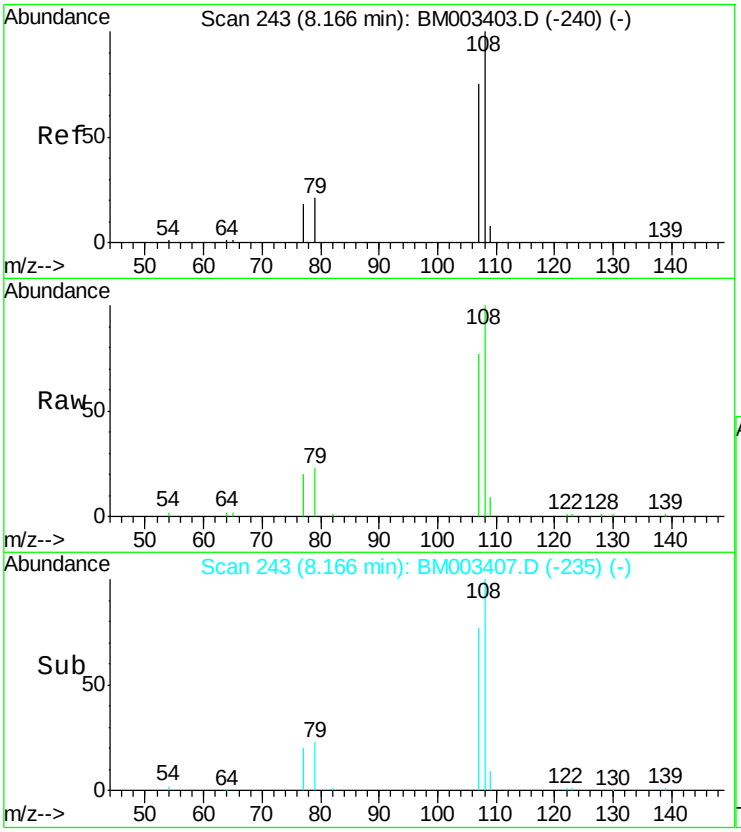


#8
bis(2-Chloroethyl)ether
Concen: 1.01 ng
RT: 7.15 min Scan# 205
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion: 93 Resp: 14929

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.2	87.4#
95	33.9	26.2	39.4



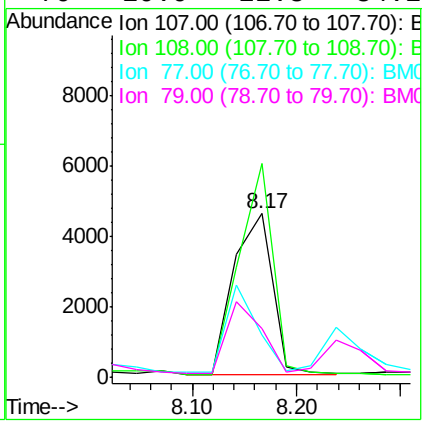


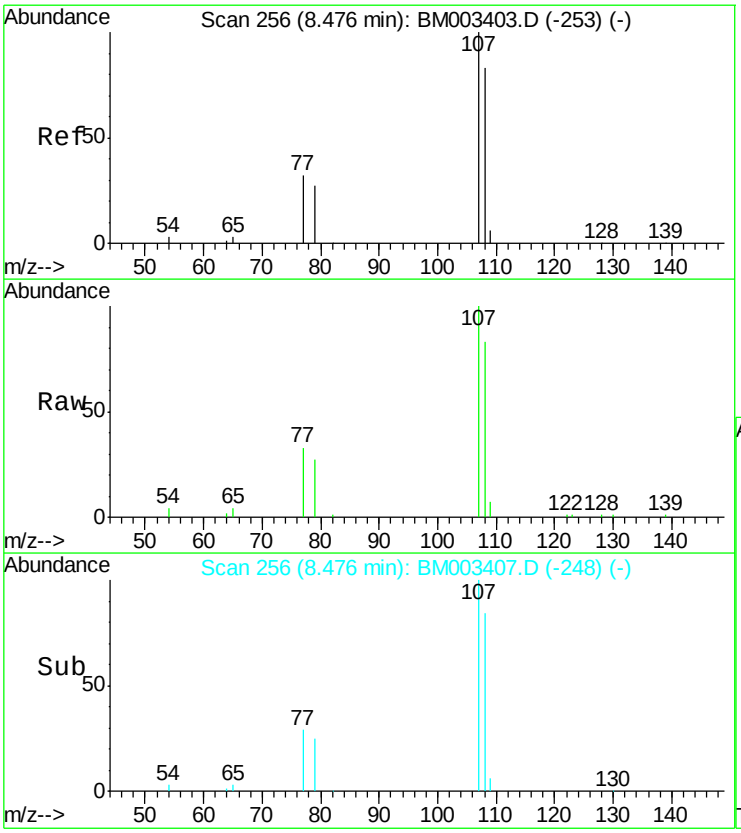
#9
2-Methylphenol
Concen: 1.00 ng
RT: 8.17 min Scan# 243
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:107 Resp: 11745

Ion	Ratio	Lower	Upper
107	100		
108	130.7	100.9	151.3
77	26.2	20.3	30.5
79	29.9	22.8	34.2

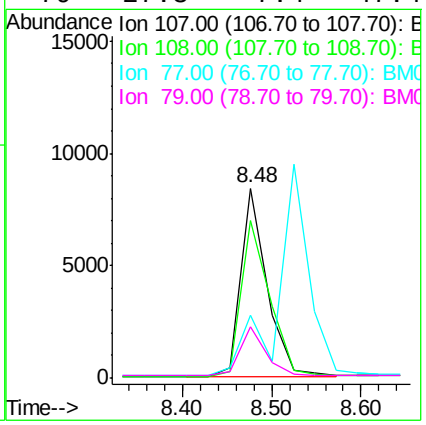


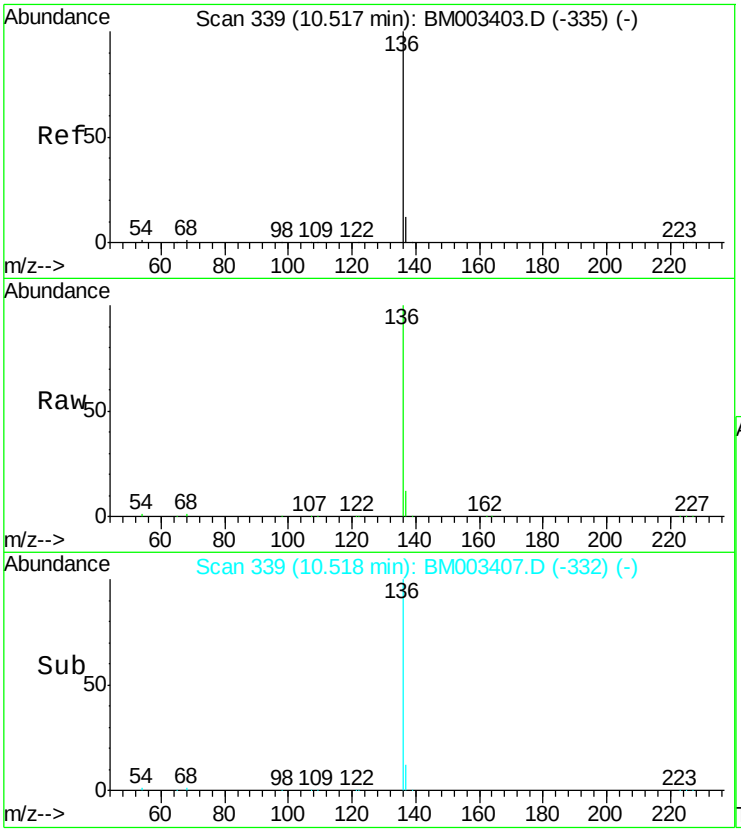


#10
3+4-Methylphenols
Concen: 1.01 ng
RT: 8.48 min Scan# 256
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:107 Resp: 17103

Ion	Ratio	Lower	Upper
107	100		
108	83.3	86.3	126.3#
77	32.9	151.7	191.7#
79	27.3	7.4	47.4



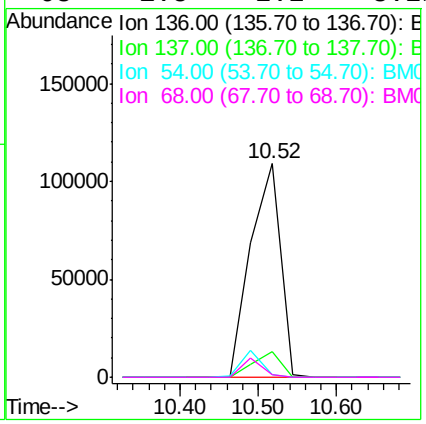


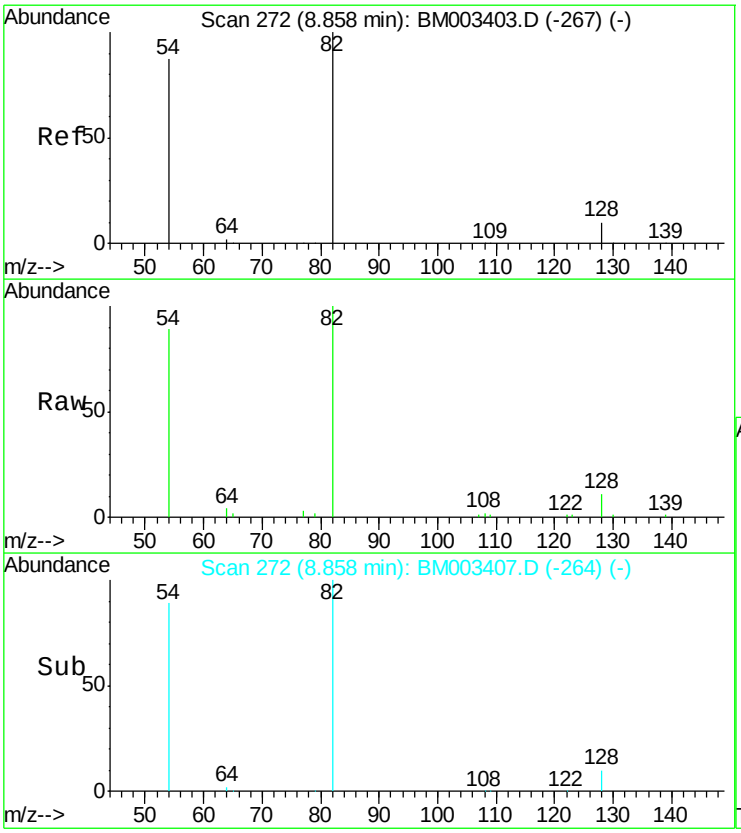
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.52 min Scan# 339
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:136 Resp: 292321

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.1	13.7
54	1.1	2.6	3.8#
68	1.5	2.2	3.2#

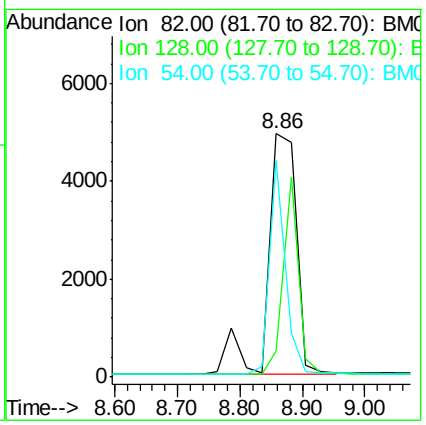


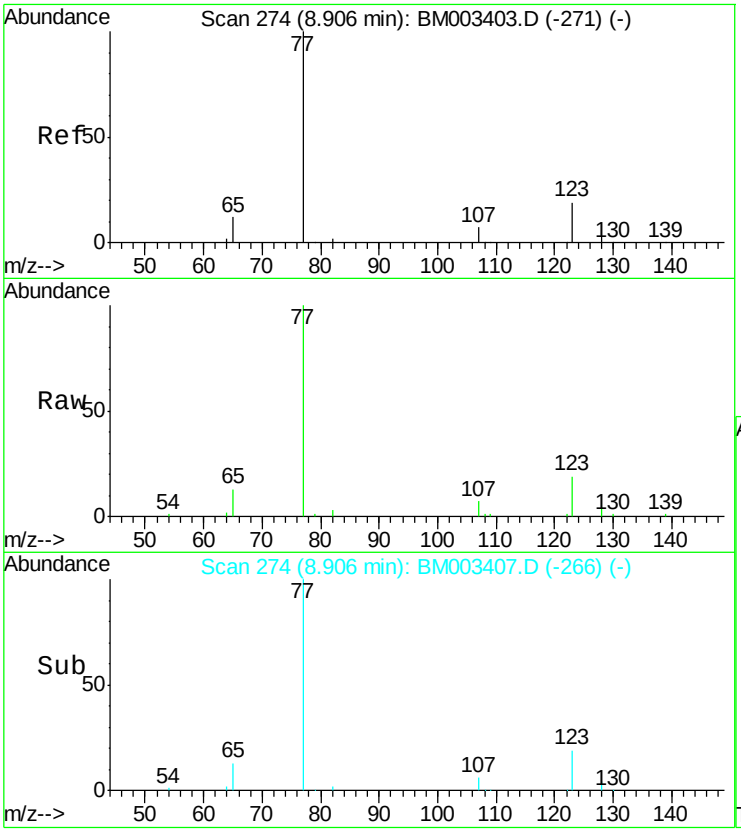


#12
Nitrobenzene-d5
Concen: 1.02 ng
RT: 8.86 min Scan# 272
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion: 82 Resp: 15813

Ion	Ratio	Lower	Upper
82	100		
128	0.0	0.0	0.0
54	49.5	59.0	88.6#



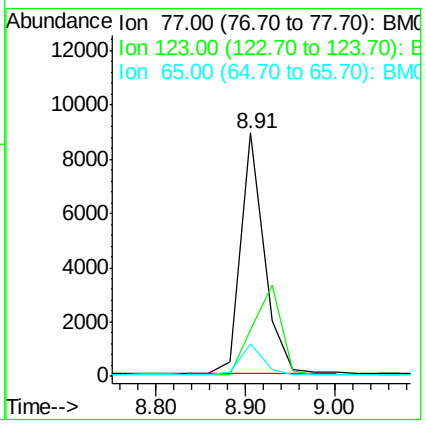


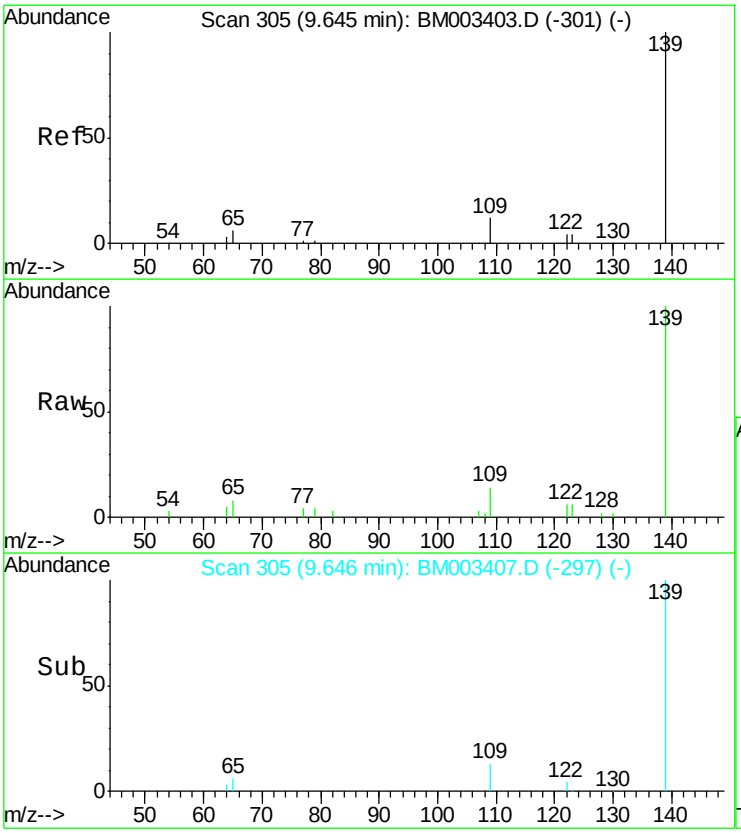
#13
Nitrobenzene
Concen: 1.01 ng
RT: 8.91 min Scan# 274
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion: 77 Resp: 16332

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

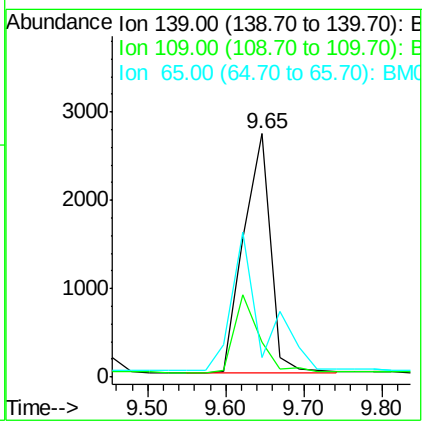


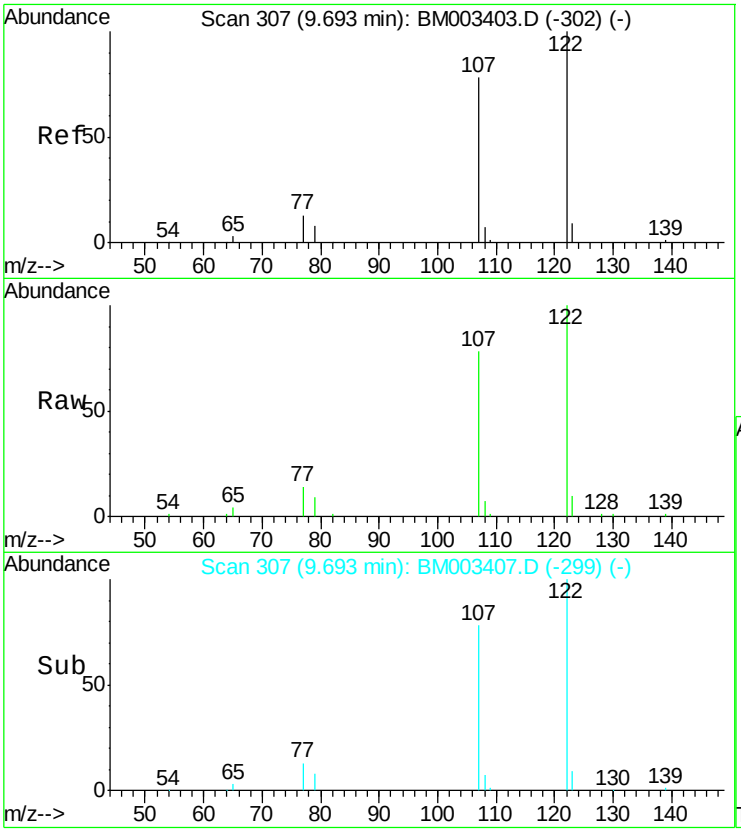


#14
2-Nitrophenol
Concen: 0.98 ng
RT: 9.65 min Scan# 305
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:139 Resp: 6439

Ion	Ratio	Lower	Upper
139	100		
109	14.3	19.5	29.3#
65	8.0	18.6	28.0#



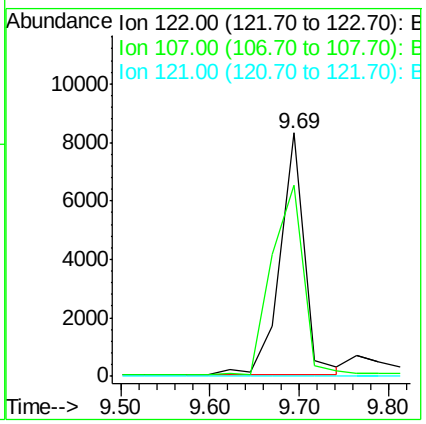


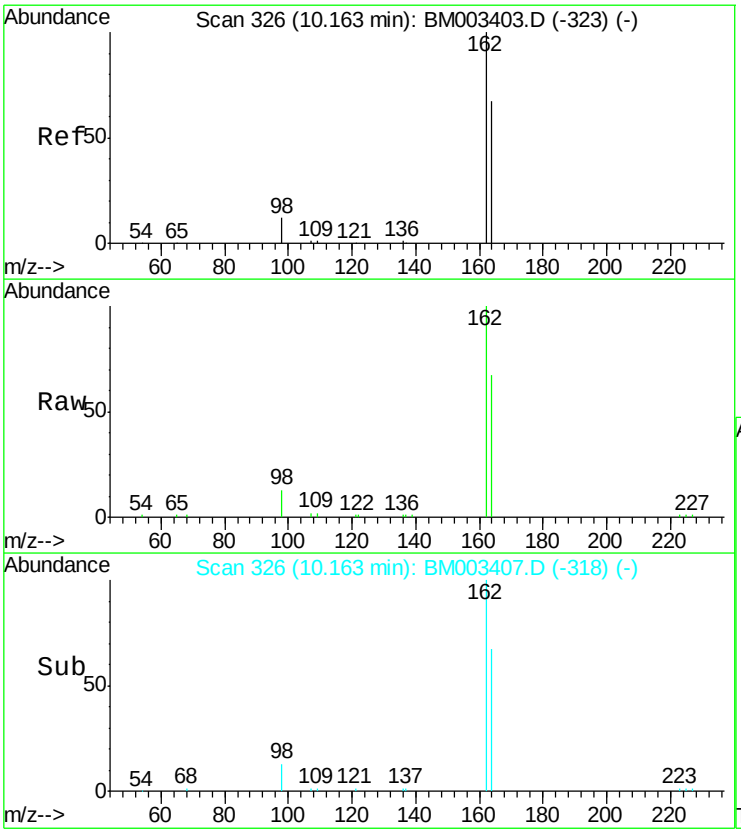
#15
2,4-Dimethylphenol
Concen: 1.02 ng
RT: 9.69 min Scan# 307
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:122 Resp: 15747

Ion	Ratio	Lower	Upper
122	100		
107	78.5	68.6	102.8
121	0.0	44.8	67.2#

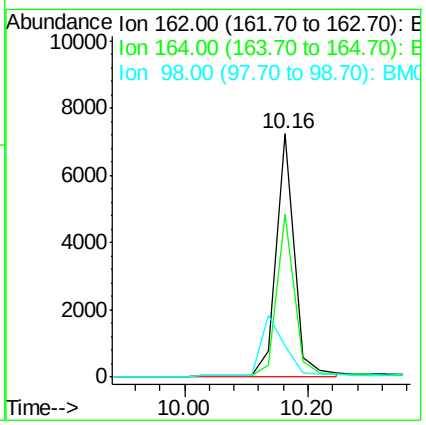


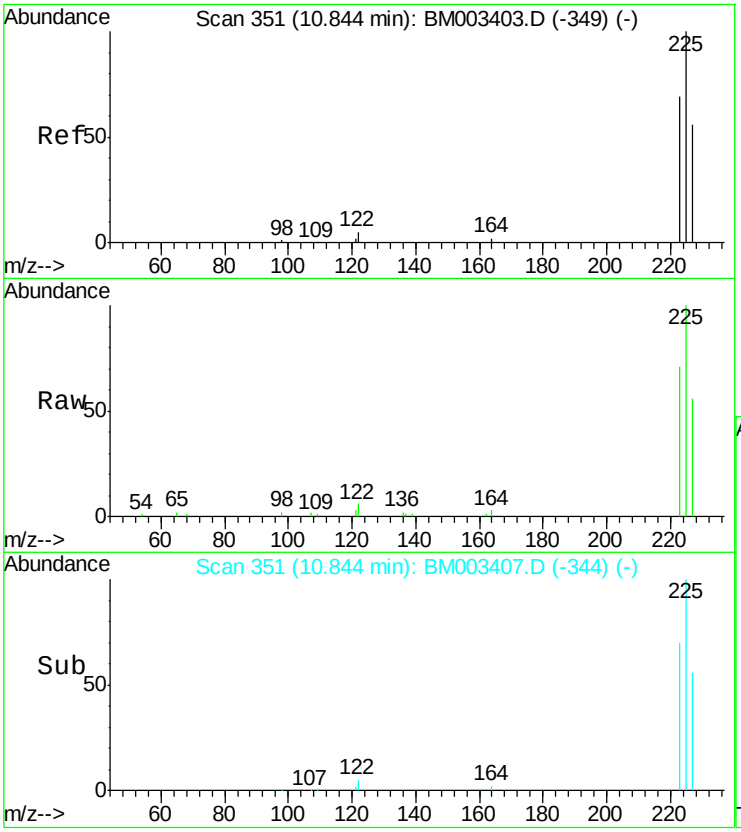


#16
2,4-Dichlorophenol
Concen: 1.02 ng
RT: 10.16 min Scan# 326
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:162 Resp: 14673

Ion	Ratio	Lower	Upper
162	100		
164	67.1	49.2	89.2
98	12.8	0.0	37.4



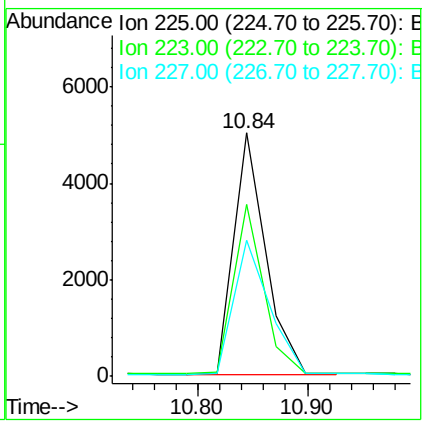


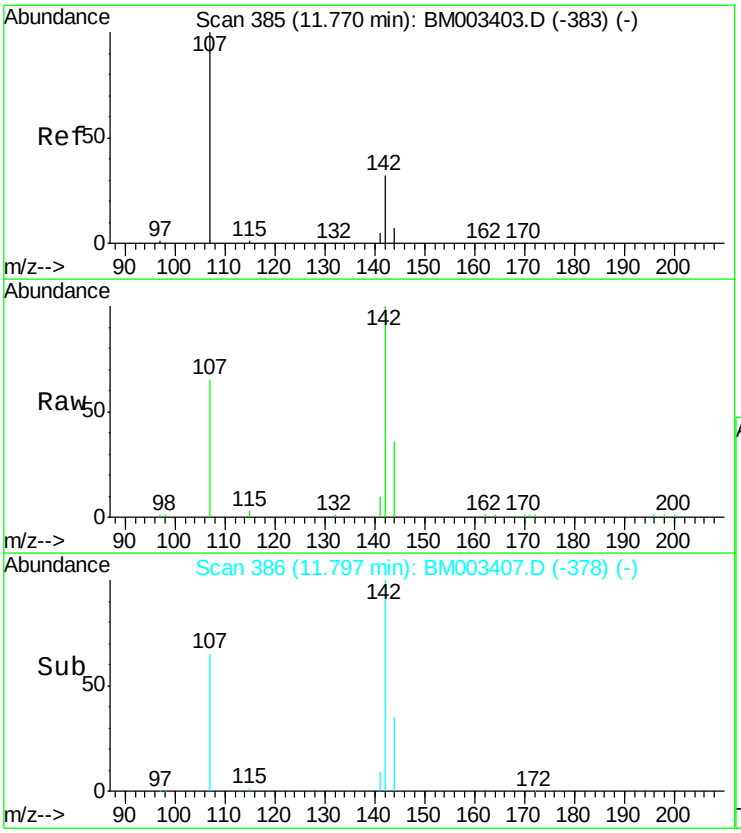
#17
Hexachlorobutadiene
Concen: 0.96 ng
RT: 10.84 min Scan# 351
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:225 Resp: 10219

Ion	Ratio	Lower	Upper
225	100		
223	65.7	53.0	79.4
227	61.4	52.2	78.4

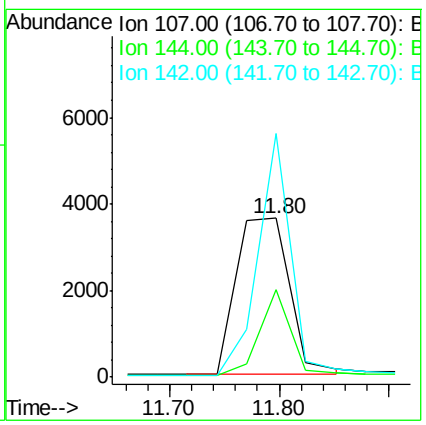


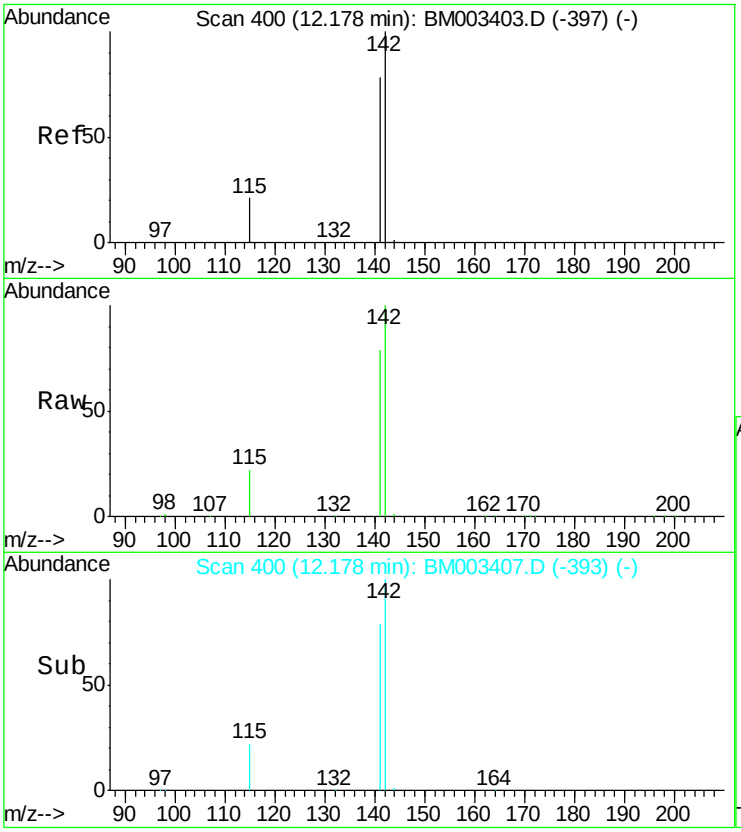


#18
4-Chloro-3-methylphenol
Concen: 0.98 ng
RT: 11.80 min Scan# 386
Delta R.T. 0.03 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:107 Resp: 12340

Ion	Ratio	Lower	Upper
107	100		
144	55.0	16.2	24.2#
142	153.4	49.8	74.6#



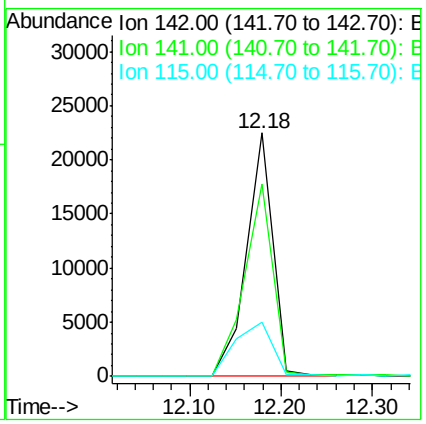


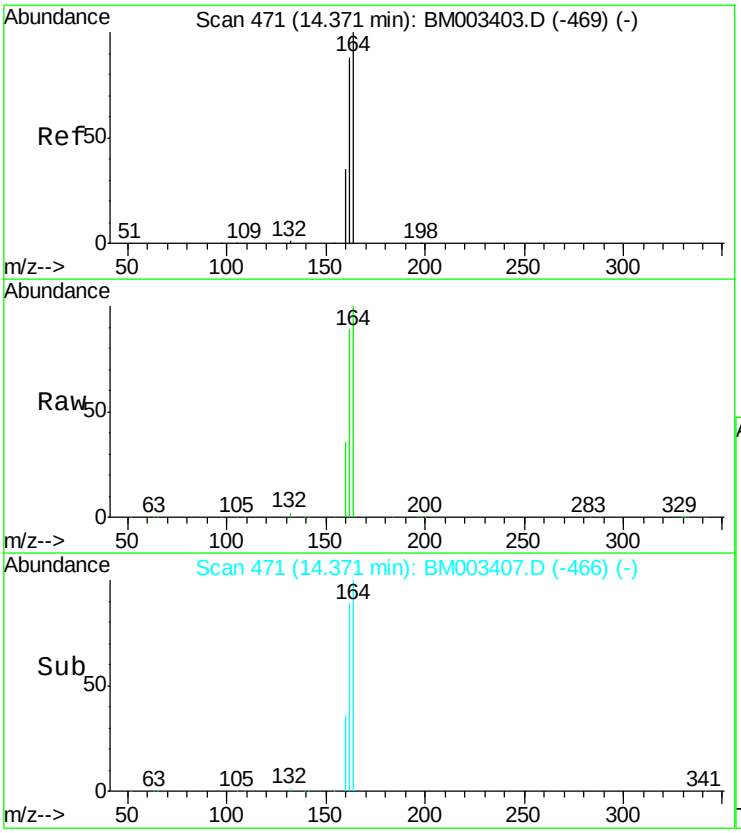
#19
2-Methylnaphthalene
Concen: 0.99 ng
RT: 12.18 min Scan# 400
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:142 Resp: 44663

Ion	Ratio	Lower	Upper
142	100		
141	85.4	71.4	107.0
115	31.0	29.3	43.9

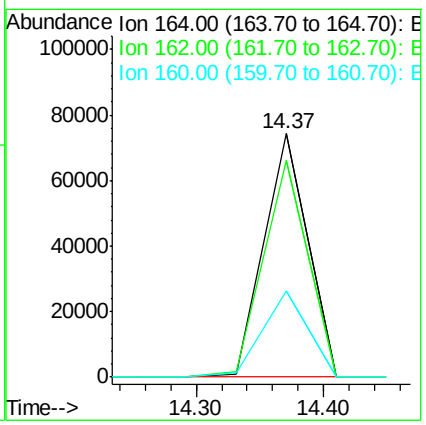


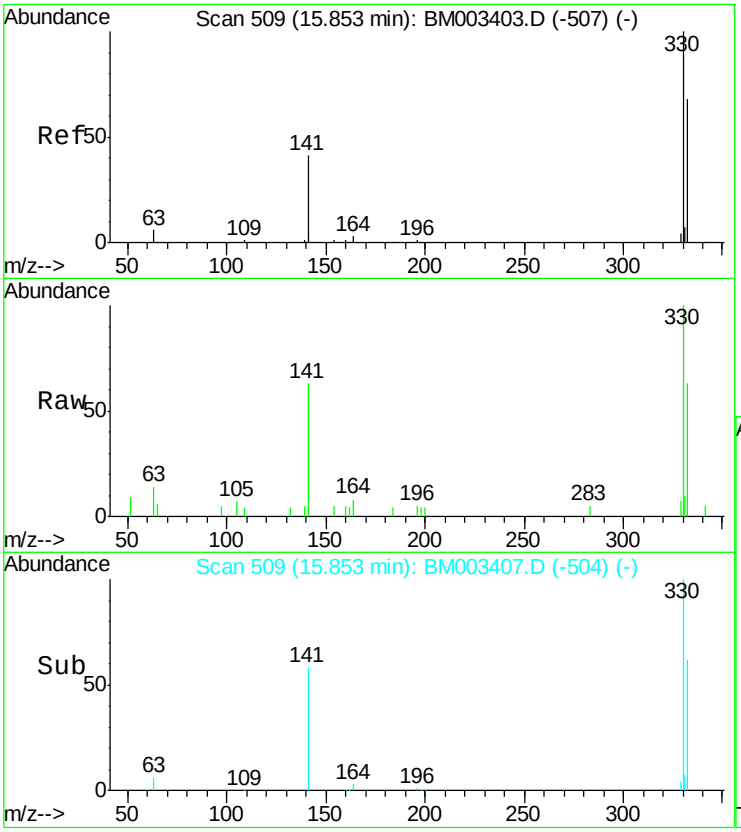


#20
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:164 Resp: 176326

Ion	Ratio	Lower	Upper
164	100		
162	89.2	79.2	118.8
160	35.6	33.7	50.5



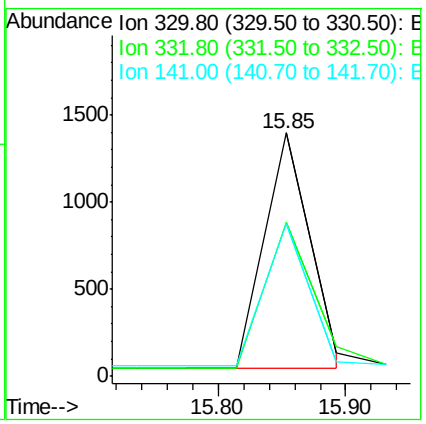


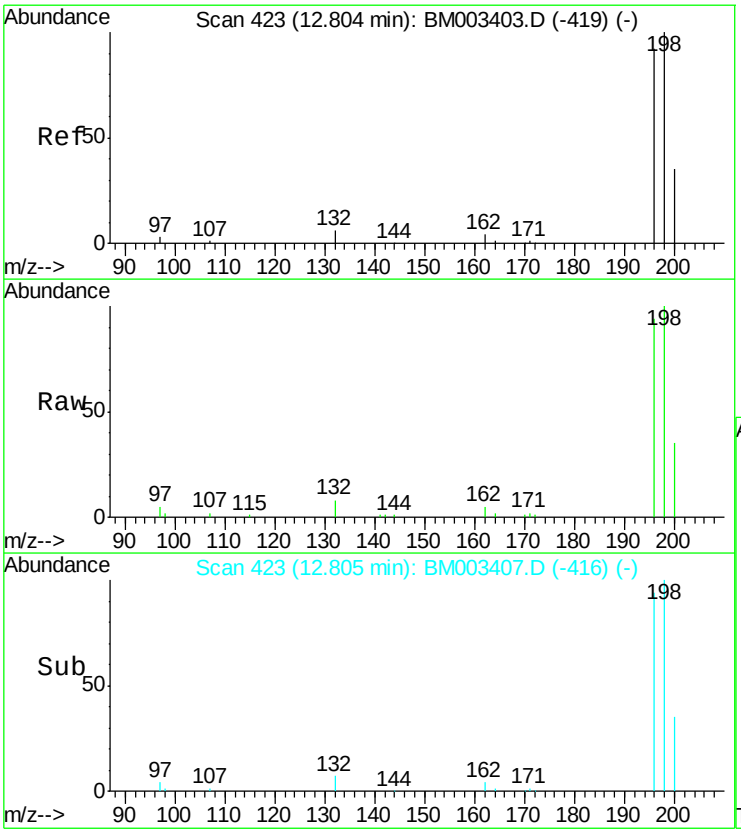
#21
2,4,6-Tribromophenol
Concen: 0.76 ng
RT: 15.85 min Scan# 509
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:330 Resp: 3375

Ion	Ratio	Lower	Upper
330	100		
332	66.7	74.0	111.0#
141	58.8	24.1	36.1#

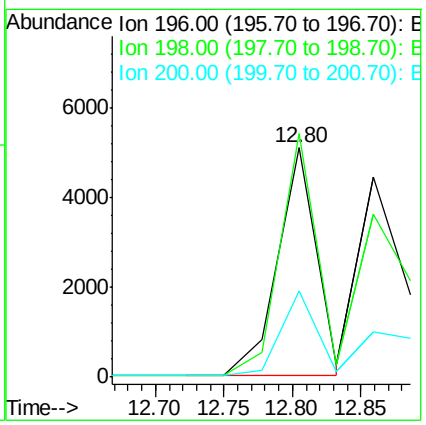


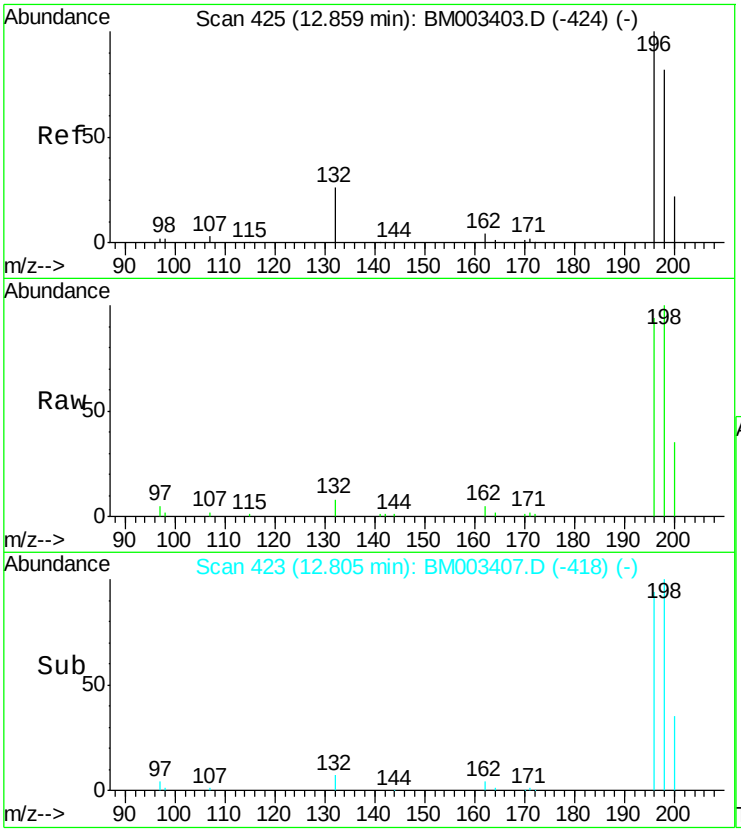


#22
2,4,6-Trichlorophenol
Concen: 0.84 ng
RT: 12.80 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:196 Resp: 9875

Ion	Ratio	Lower	Upper
196	100		
198	106.2	54.2	81.2#
200	37.5	17.1	25.7#



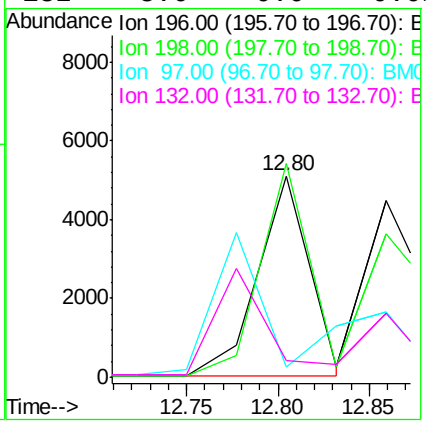


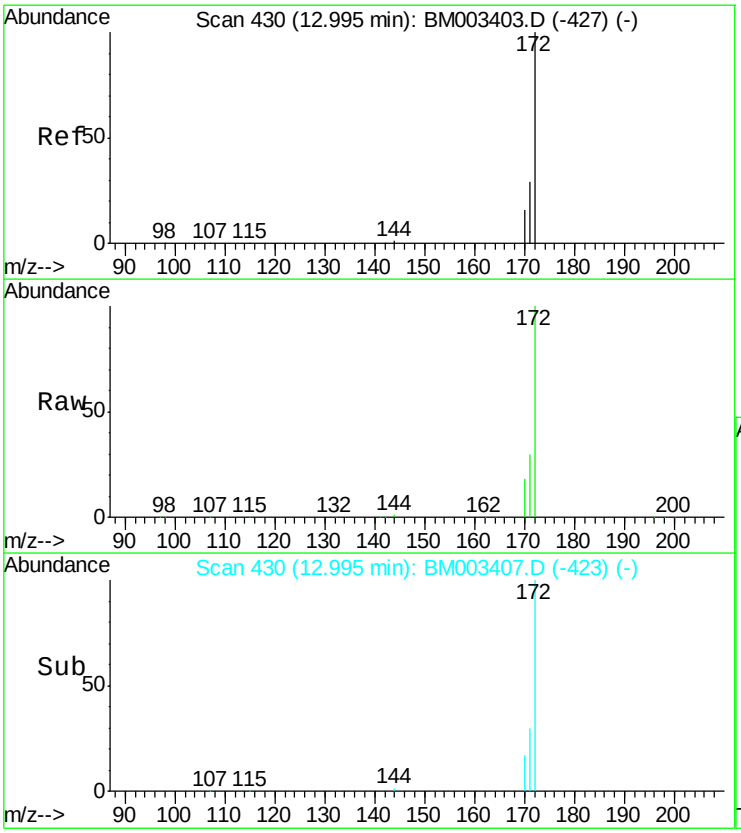
#23
2,4,5-Trichlorophenol
Concen: 0.76 ng
RT: 12.80 min Scan# 423
Delta R.T. -0.05 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:196 Resp: 9874

Ion	Ratio	Lower	Upper
196	100		
198	106.2	73.6	110.4
97	5.0	0.0	0.0#
132	8.6	0.0	0.0#

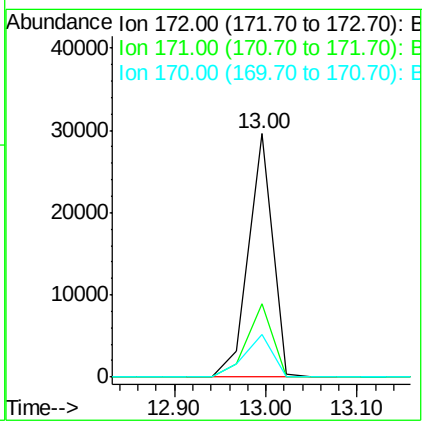


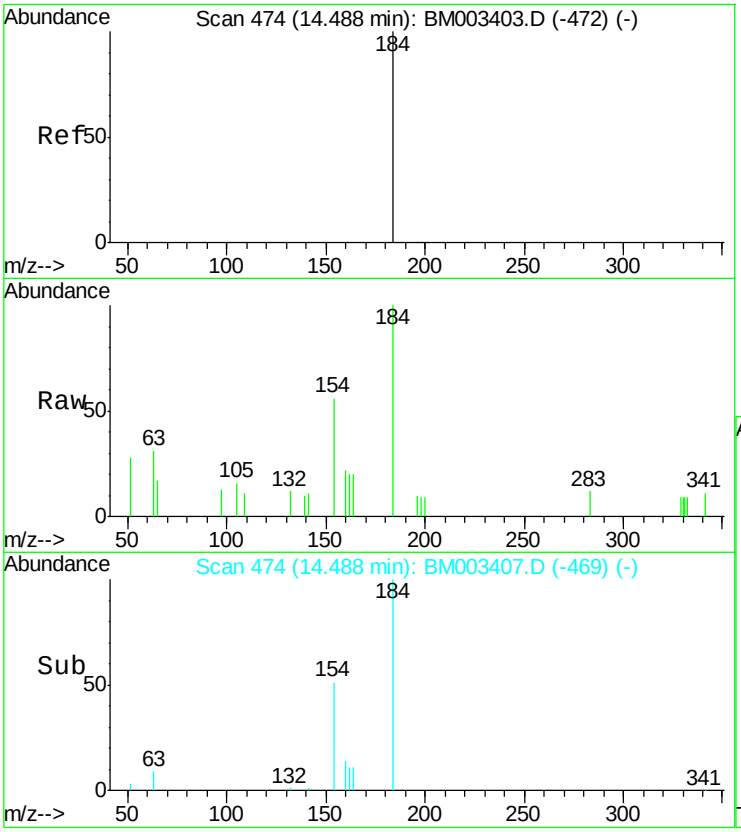


#24
2-Fluorobiphenyl
Concen: 0.87 ng
RT: 13.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:172 Resp: 54112

Ion	Ratio	Lower	Upper
172	100		
171	31.6	28.0	42.0
170	20.3	18.9	28.3



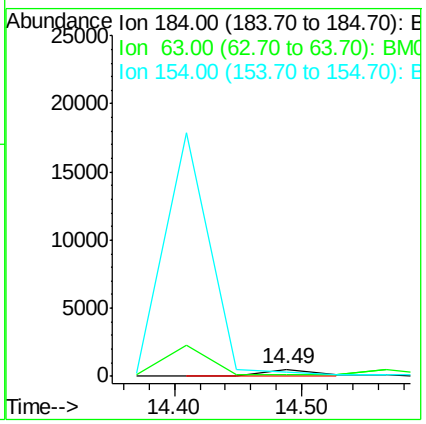


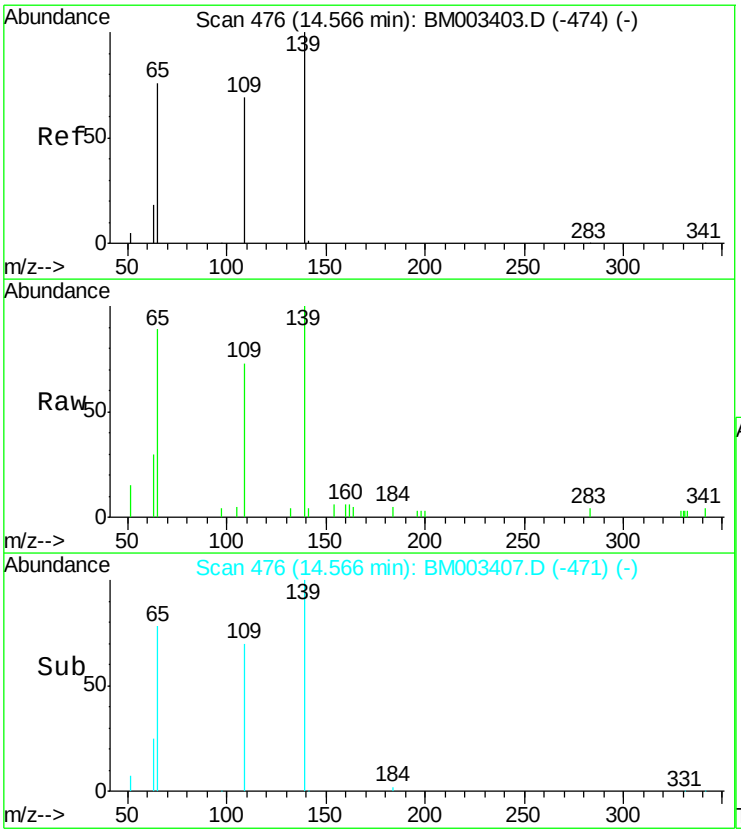
#25
2,4-Dinitrophenol
Concen: 1.04 ng
RT: 14.49 min Scan# 474
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:184 Resp: 1295

Ion	Ratio	Lower	Upper
184	100		
63	31.2	52.0	78.0#
154	56.2	51.4	77.2

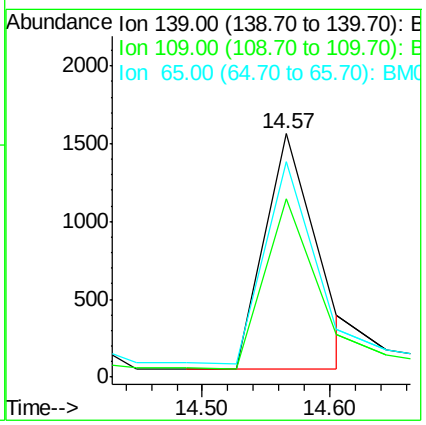


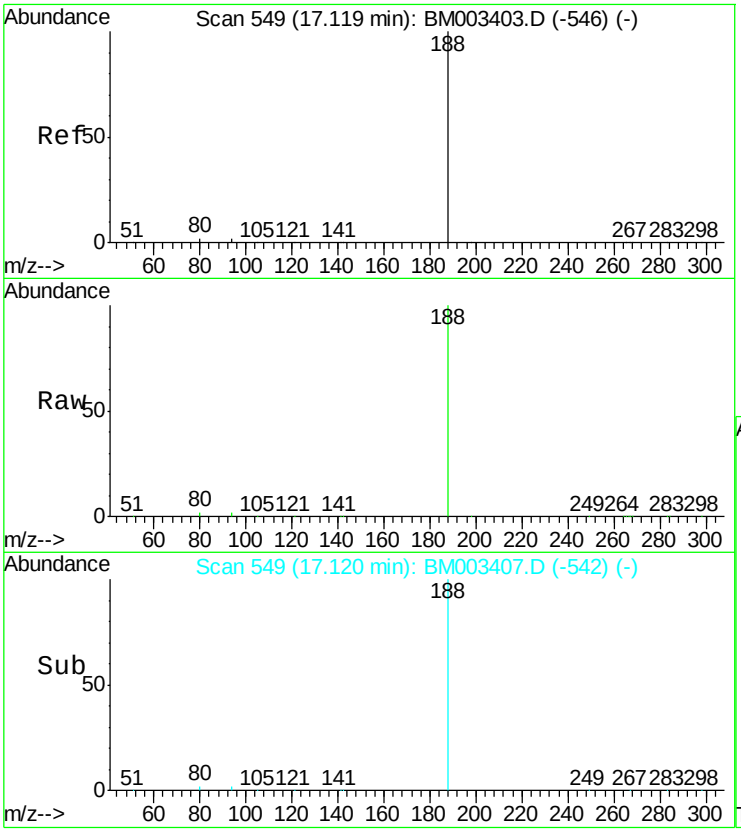


#26
4-Nitrophenol
Concen: 0.81 ng
RT: 14.57 min Scan# 476
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:139 Resp: 4342

Ion	Ratio	Lower	Upper
139	100		
109	73.1	60.0	100.0
65	88.6	85.7	125.7



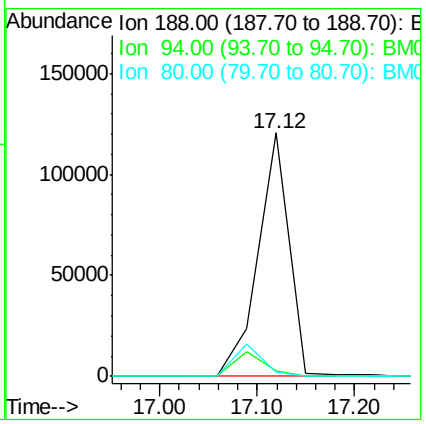


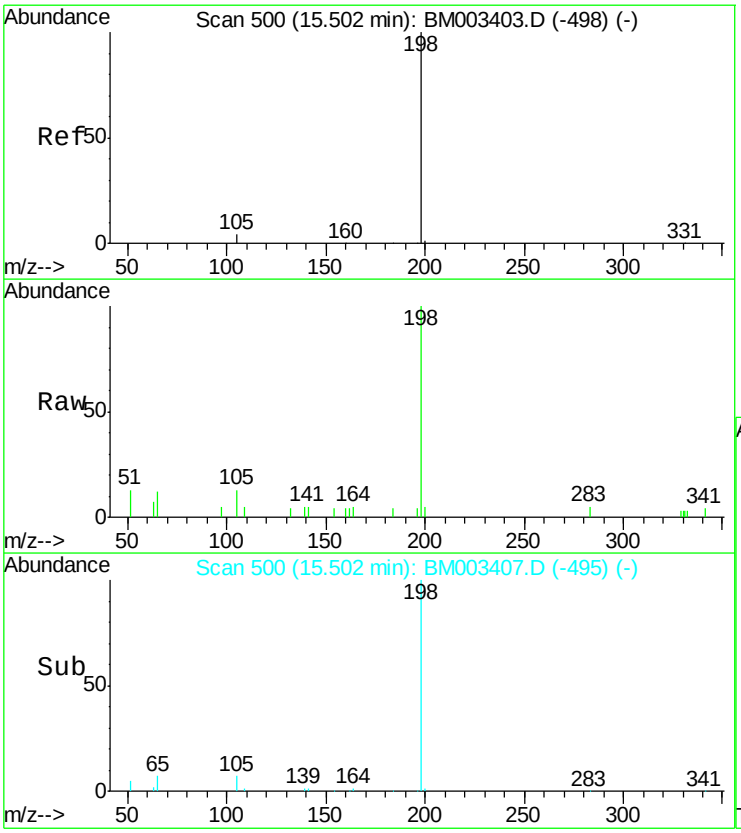
#27
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.12 min Scan# 549
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:188 Resp: 268164

Ion	Ratio	Lower	Upper
188	100		
94	2.4	2.9	4.3#
80	1.8	2.5	3.7#

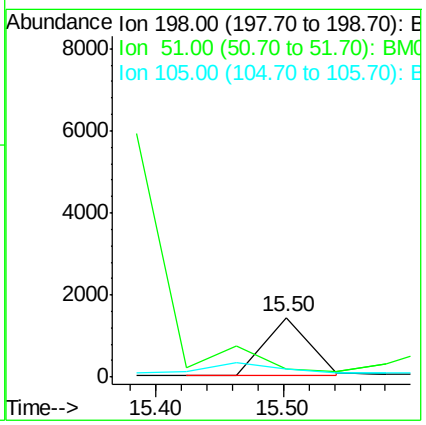


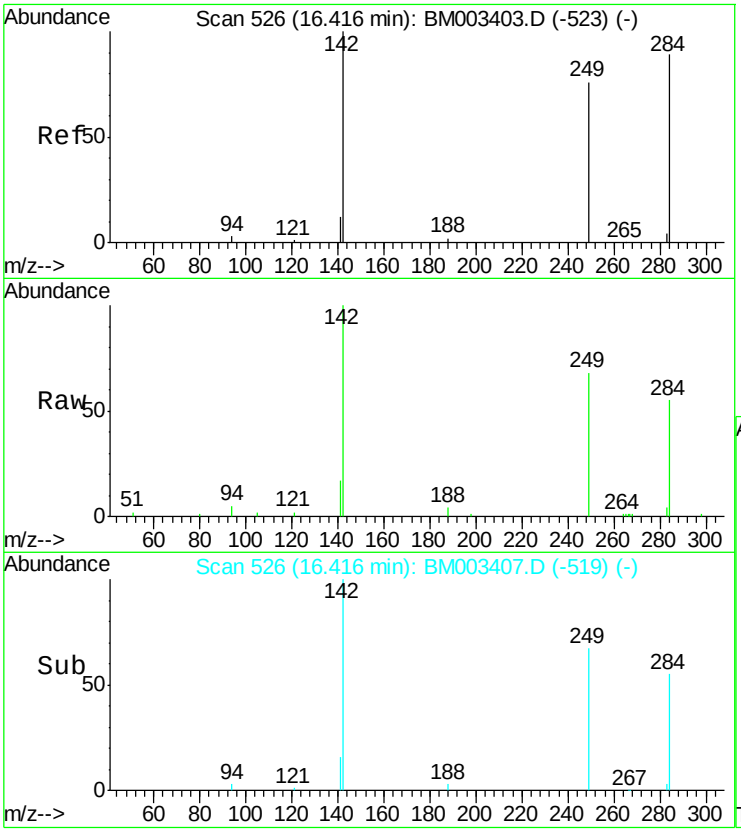


#28
4,6-Dinitro-2-methylphenol
Concen: 1.06 ng
RT: 15.50 min Scan# 500
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:198 Resp: 3439

Ion	Ratio	Lower	Upper
198	100		
51	12.7	60.8	100.8#
105	12.8	30.0	70.0#



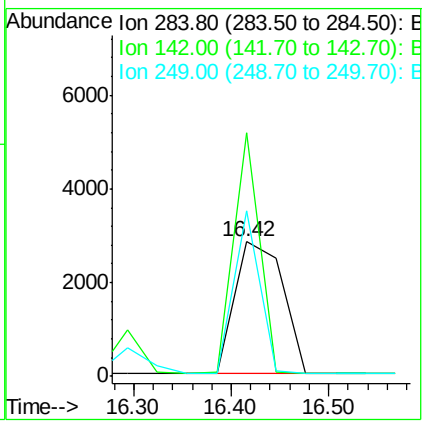


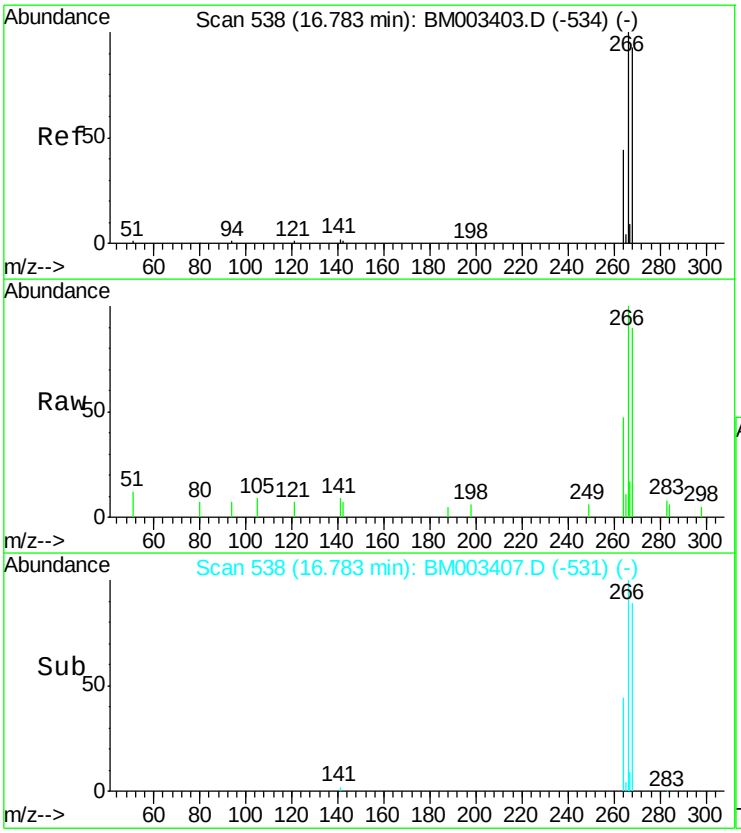
#29
Hexachlorobenzene
Concen: 0.86 ng
RT: 16.42 min Scan# 526
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:284 Resp: 9754

Ion	Ratio	Lower	Upper
284	100		
142	97.9	23.3	34.9#
249	66.5	23.3	34.9#

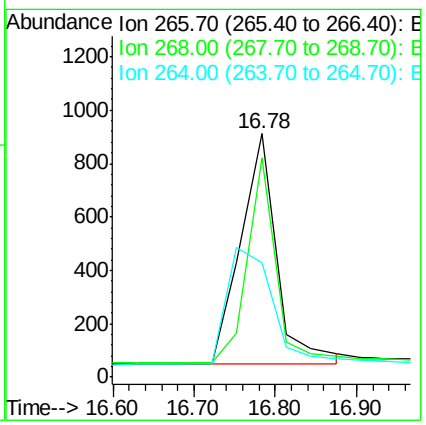


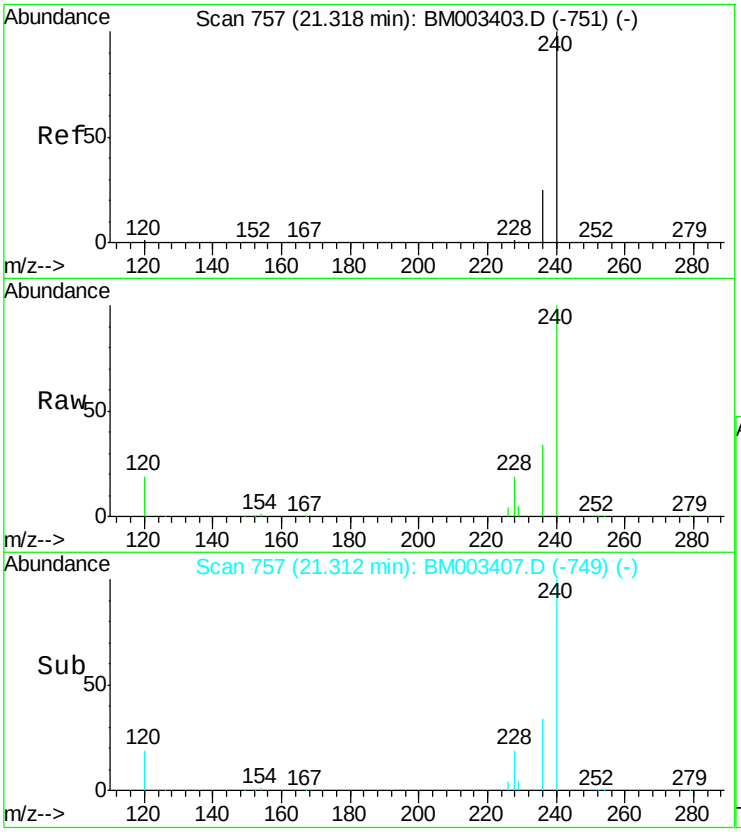


#30
Pentachlorophenol
Concen: 0.85 ng
RT: 16.78 min Scan# 538
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:266 Resp: 2633

Ion	Ratio	Lower	Upper
266	100		
268	90.4	62.6	94.0
264	47.0	47.9	71.9#



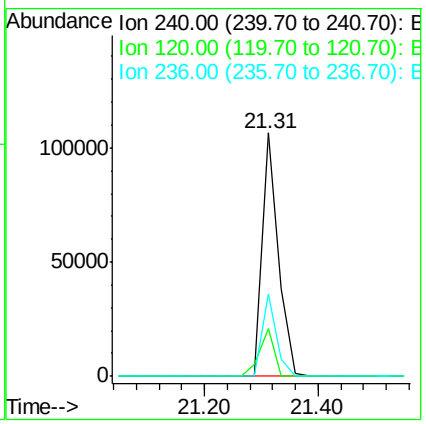


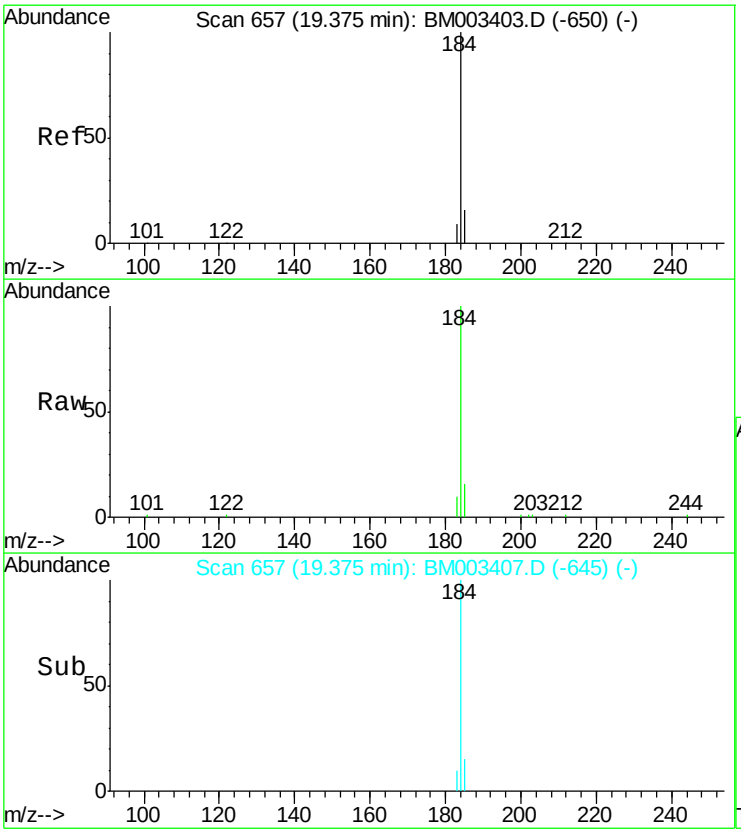
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 757
Delta R.T. -0.01 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:240 Resp: 210129

Ion	Ratio	Lower	Upper
240	100		
120	19.4	10.4	15.6#
236	34.1	22.0	33.0#

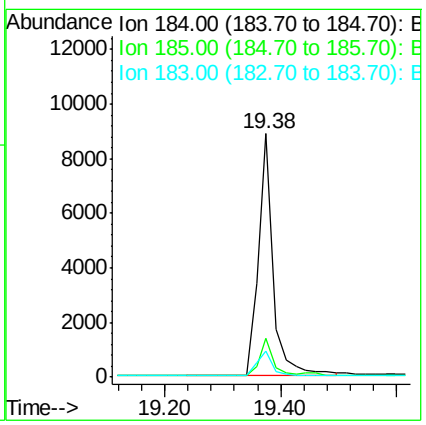


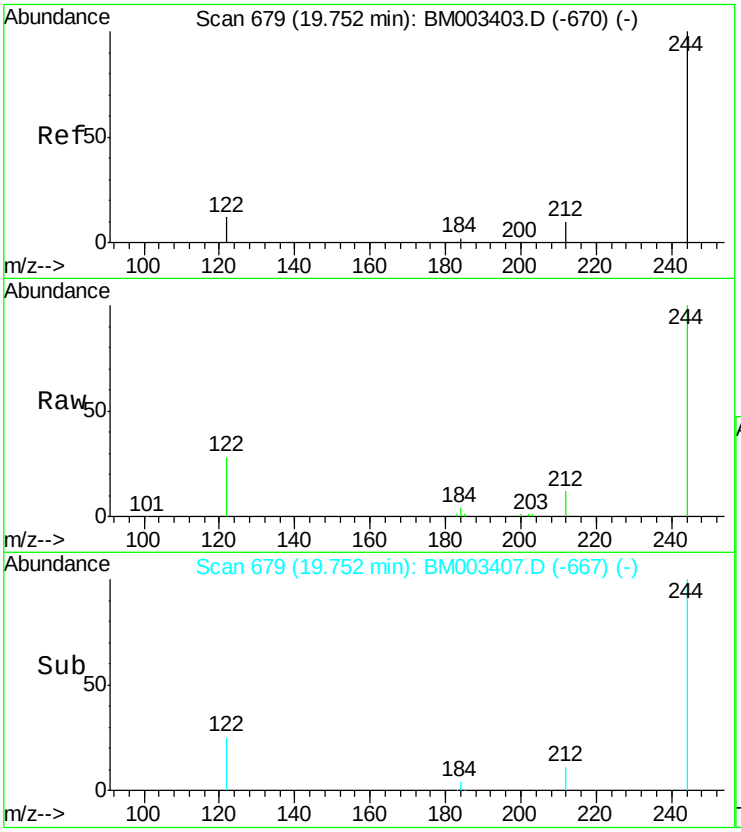


#32
Benzidine
Concen: 1.15 ng
RT: 19.38 min Scan# 657
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:184 Resp: 15945

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.6	17.4
183	10.5	8.6	13.0



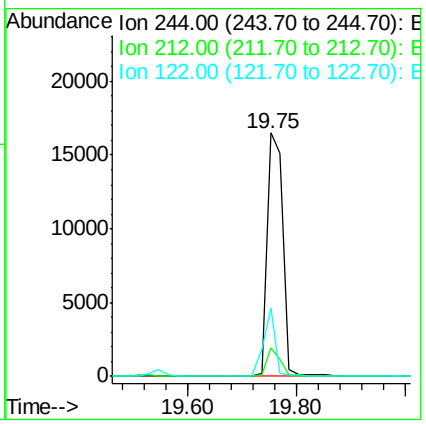


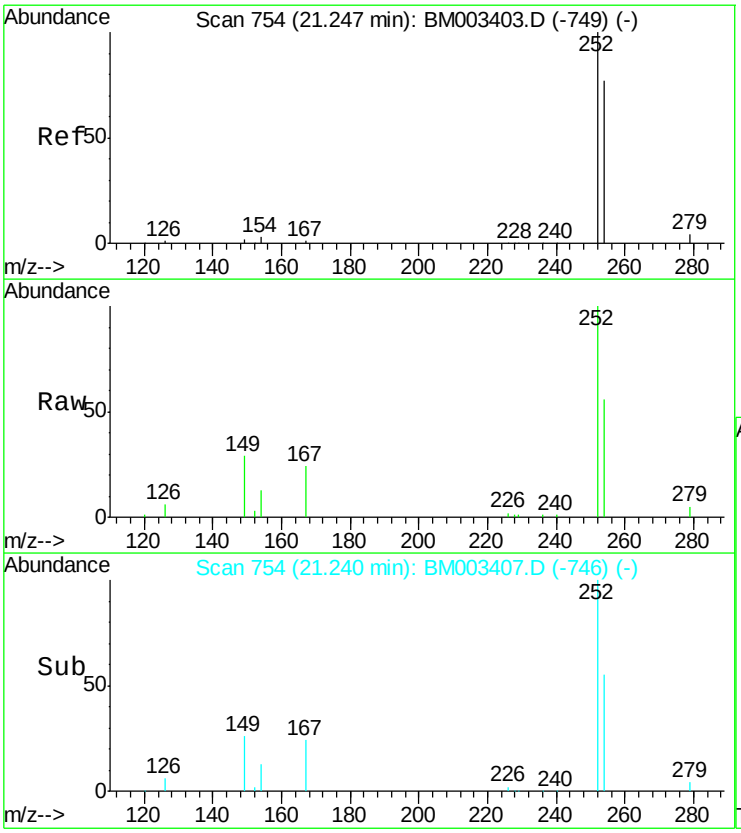
#33
Terphenyl-d14
Concen: 1.17 ng
RT: 19.75 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:244 Resp: 33385

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	20.2	14.8	22.2

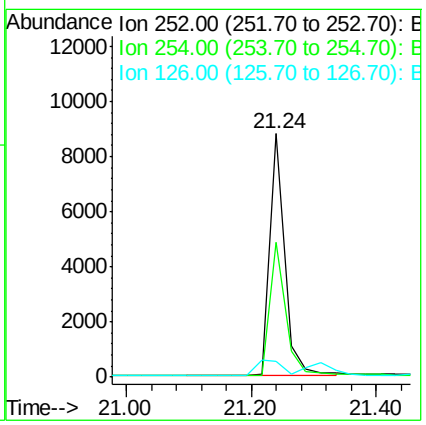


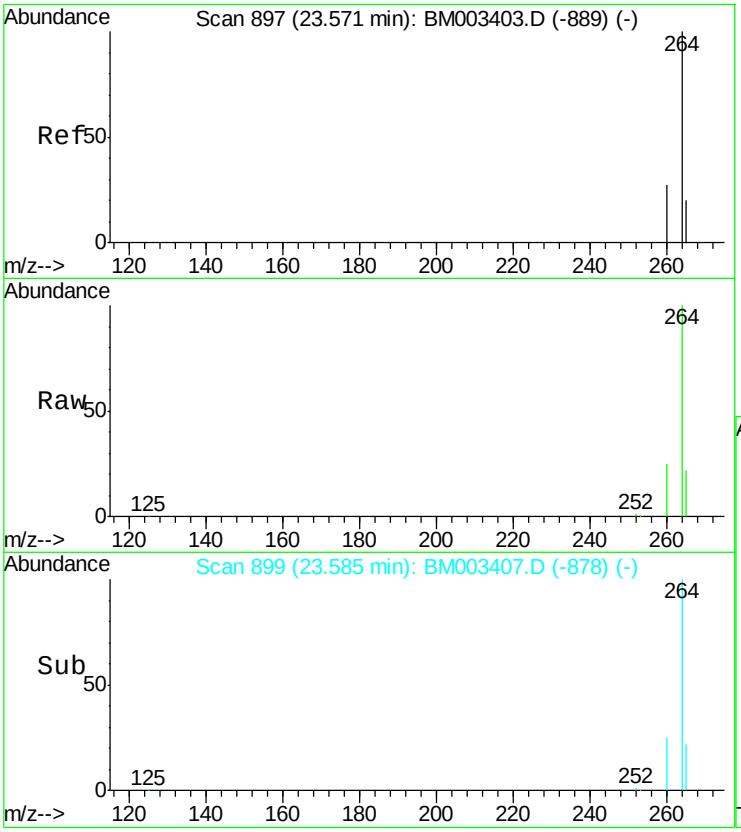


#34
3,3'-Dichlorobenzidine
Concen: 0.97 ng
RT: 21.24 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:252 Resp: 14611

Ion	Ratio	Lower	Upper
252	100		
254	55.5	53.7	80.5
126	6.3	2.8	4.2#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.59 min Scan# 899
Delta R.T. 0.01 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Instrument :
BNA_M
ClientSampleId :
ICVBM120715

Tgt Ion:264 Resp: 194645

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.0	17.4	26.2