Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012838.D
Acq On : 09 Nov 2017 01:18
Operator : SJ/JU
Sample : I6150-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-3(1-2)-102517

Quant Time: Nov 09 04:01:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 03:48:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	146482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	592477	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	356861	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	123138	20.00	ng/ul	0.11
77) Chrysene-d12	21.37	240	649288	20.00	ng/ul	0.01
85) Perylene-d12	23.66	264	714615	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	1293	0.48	ng/uL	0.00
5) Phenol-d5	6.98	99	36783	3.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	28122	4.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	29088	3.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	25502	2.71	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	23972	5.48	ng/ul	0.02
22) 2-Nitrophenol-d4	9.68	143	15337	3.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	32916	3.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	186556	18.83	ng/ul	-0.02
43) Dimethylphthalate-d6	13.84	166	102975	3.49	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	122901	3.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	12956	2.74	ng/ul	0.02
57) Fluorene-d10	15.43	176	87764	3.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	237	0.29	ng/ul	0.02
70) Anthracene-d10	17.29	188	123138	20.70	ng/ul	0.00
78) Pyrene-d10	19.59	212	118673	3.94	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.51	264	120058	3.55	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.95	77	12556	2.17	ng/ul#	1
14) Acetophenone	8.60	105	365238	25.80	ng/ul#	36
17) Hexachloroethane	8.90	117	290072	77.05	ng/ul#	7
20) Nitrobenzene	9.01	77	234198	22.73	ng/ul#	22
21) Isophorone	9.52	82	34141	1.84	ng/ul#	1
24) 2,4-Dimethylphenol	9.80	107	30149	2.75	ng/ul#	56
25) Bis(2-Chloroethoxy)methane	10.00	93	13498	1.17	ng/ul#	62
28) Naphthalene	10.65	128	793867	26.80	ng/ul#	95
32) Caprolactam	11.50	113	3174	1.13	ng/ul#	1
34) 2-Methylnaphthalene	12.26	142	251206	11.10	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	71507	2.42	ng/ul	100
44) Dimethylphthalate	13.89	163	33435	1.14	ng/ul#	96
49) Acenaphthene	14.50	153	199309	8.26	ng/ul	96
53) Dibenzofuran	14.84	168	378460	10.76	ng/ul	94
58) Fluorene	15.49	166	401810	13.75	ng/ul	99
64) N-Nitrosodiphenylamine	15.80	169	3739	1.01	ng/ul#	54
67) Atrazine	16.66	200	37839	25.49	ng/ul#	56
69) Phenanthrene	17.32	178	189950	28.22	ng/ul	98
71) Anthracene	17.32	178	189514	27.16	ng/ul	100
74) Carbazole	17.59	167	59219	10.17	ng/ul	96
75) Di-n-butylphthalate	18.15	149	458416	67.22	ng/ul	99
76) Fluoranthene	19.25	202	1077284	133.20	ng/ul	96
79) Pyrene	19.62	202	704851	18.20	ng/ul#	92

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012838.D
Acq On : 09 Nov 2017 01:18
Operator : SJ/JU
Sample : I6150-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Quant Time: Nov 09 04:01:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 03:48:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Benzo(a)anthracene	21.36	228	219070	5.58	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.28	149	32334	1.57	ng/ul#	89
84) Chrysene	21.41	228	338009	9.49	ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	408068	9.34	ng/ul	96
88) Benzo(k)fluoranthene	23.01	252	130820	3.15	ng/ul	94
90) Benzo(a)pyrene	23.55	252	111566	2.68	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.97	276	181900	3.63	ng/ul#	86
93) Benzo(g,h,i)perylene	26.68	276	176071	4.27	ng/ul#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
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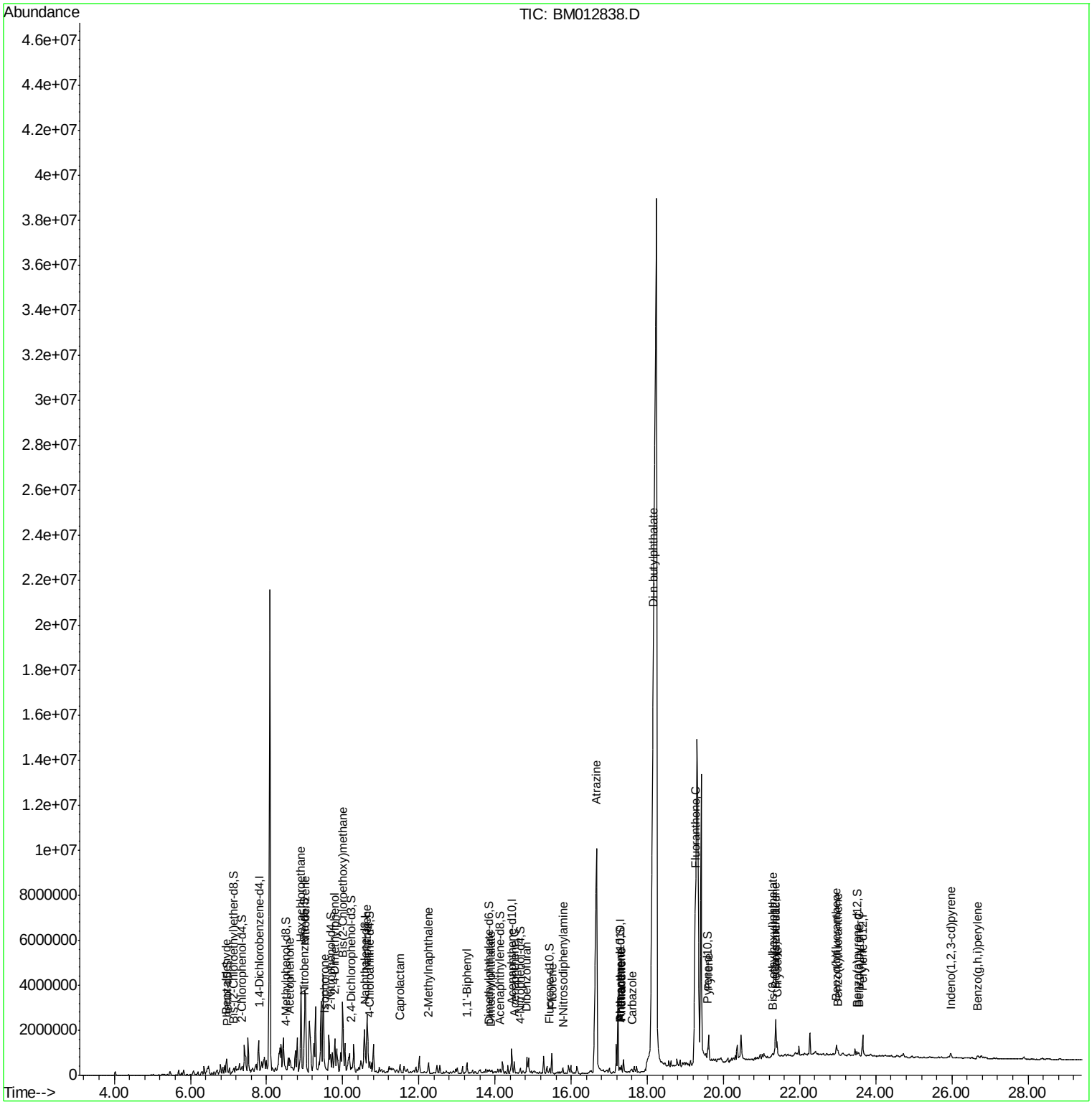
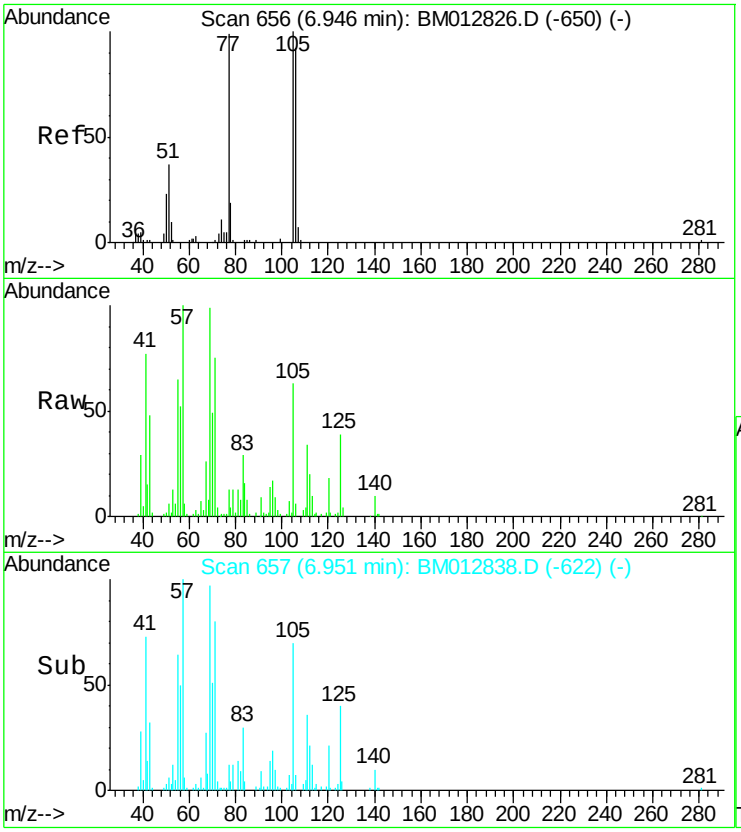


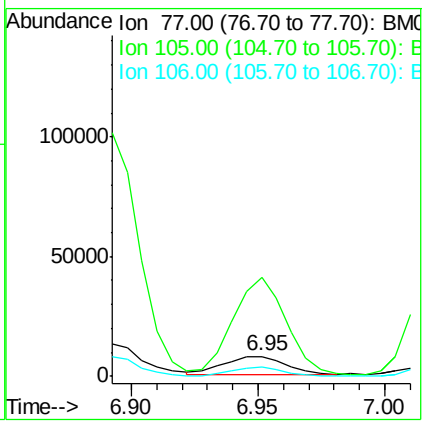


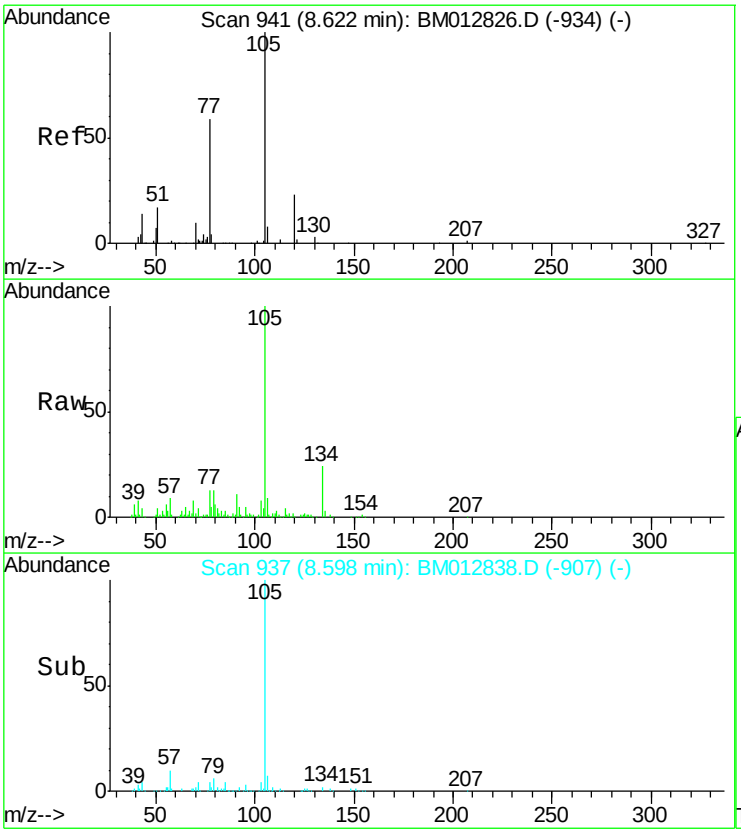
#4
Benzaldehyde
Concen: 2.17 ng/ul
RT: 6.95 min Scan# 657
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion: 77 Resp: 12556

Ion	Ratio	Lower	Upper
77	100		
105	494.3	80.6	120.8#
106	46.6	77.7	116.5#

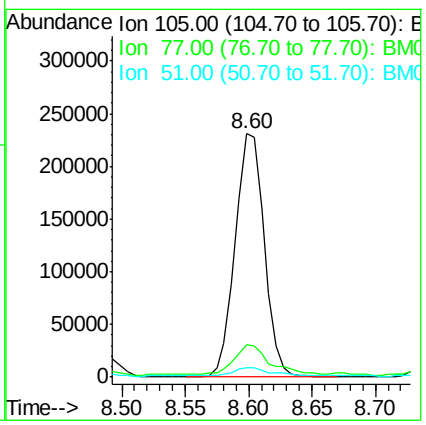


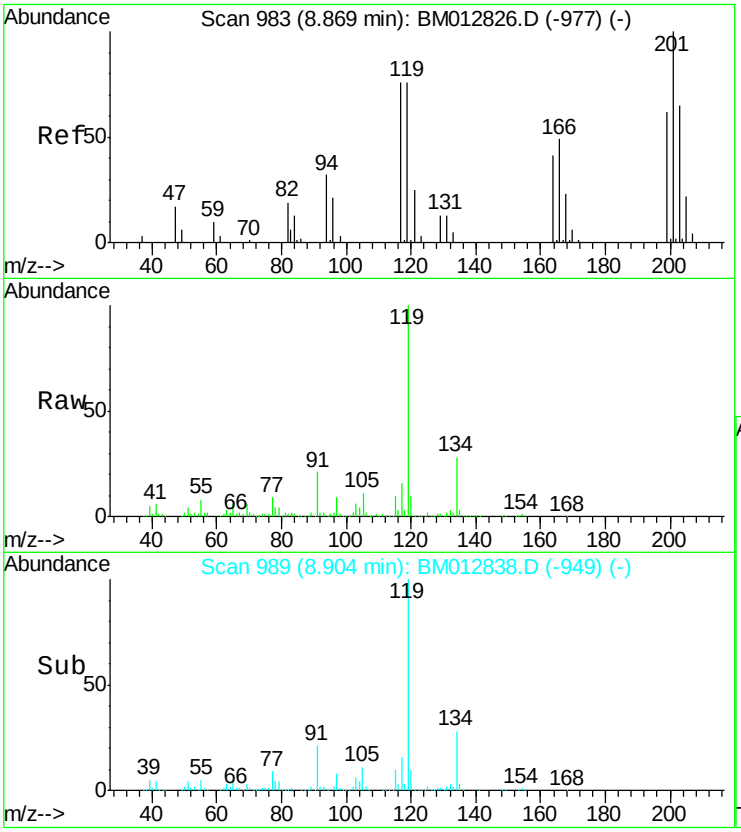


#14
Acetophenone
Concen: 25.80 ng/ul
RT: 8.60 min Scan# 937
Delta R.T. -0.02 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:105 Resp: 365238

Ion	Ratio	Lower	Upper
105	100		
77	13.1	59.0	88.4#
51	3.9	16.4	24.6#



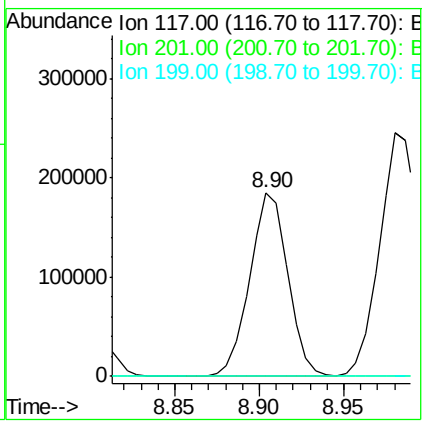


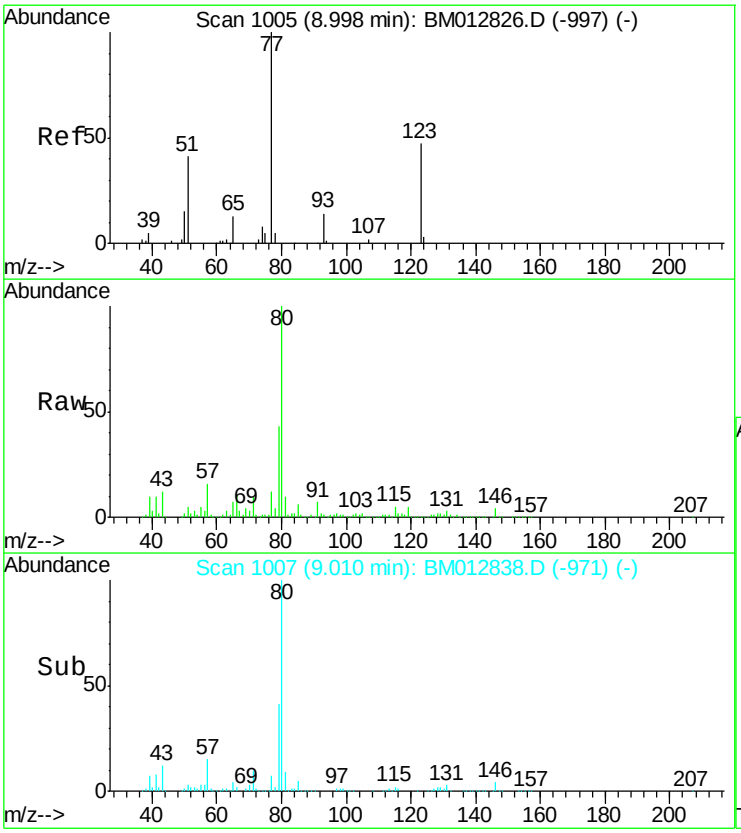
#17
Hexachloroethane
Concen: 77.05 ng/ul
RT: 8.90 min Scan# 989
Delta R.T. 0.04 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion:117 Resp: 290072

Ion	Ratio	Lower	Upper
117	100		
201	0.0	81.5	122.3#
199	0.0	50.6	76.0#

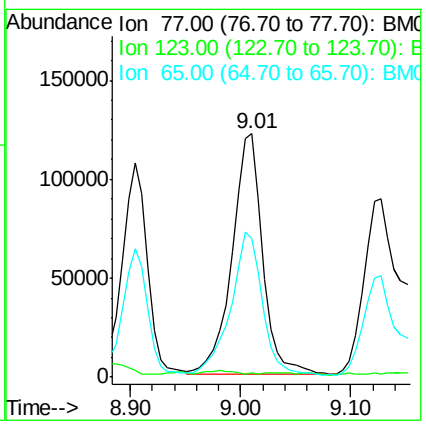


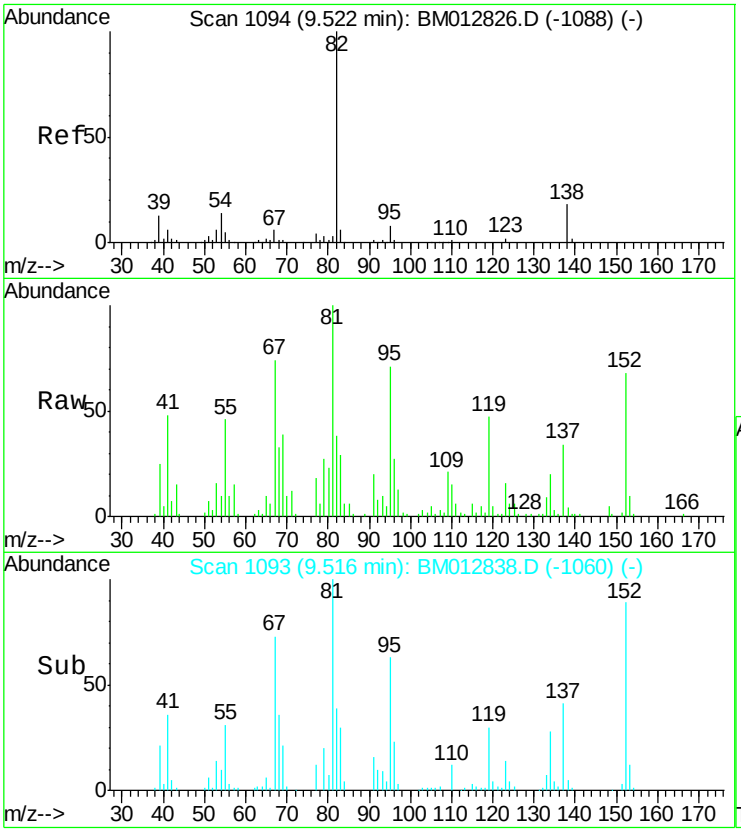


#20
Nitrobenzene
Concen: 22.73 ng/ul
RT: 9.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion: 77 Resp: 234198

Ion	Ratio	Lower	Upper
77	100		
123	1.8	39.0	58.4#
65	56.7	10.4	15.6#



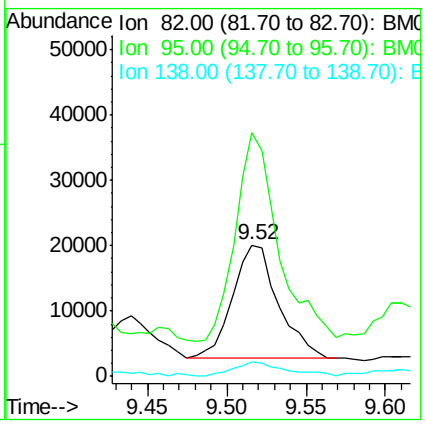


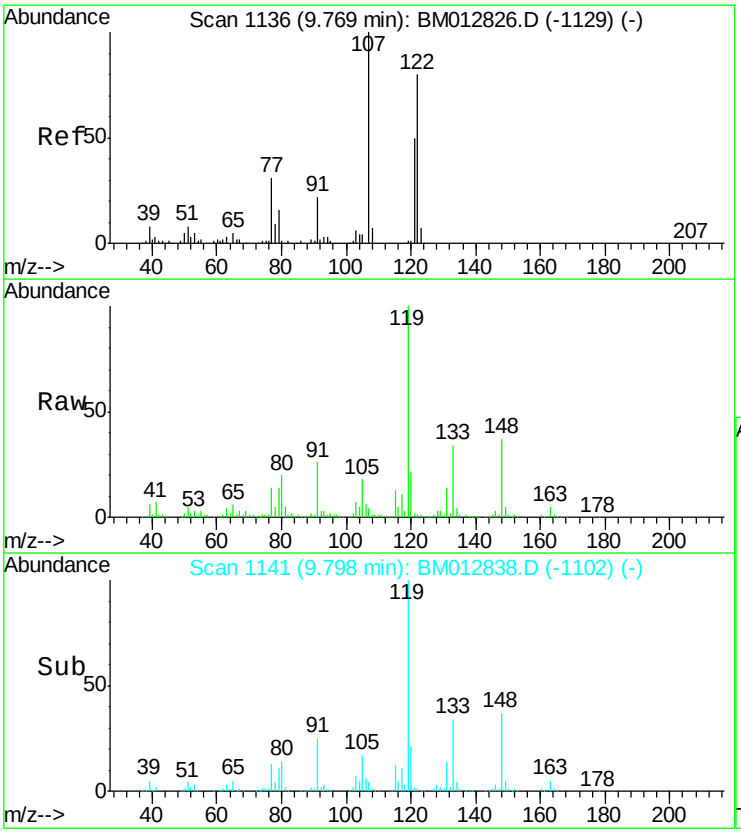
#21
Isophorone
Concen: 1.84 ng/ul
RT: 9.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion: 82 Resp: 34141

Ion	Ratio	Lower	Upper
82	100		
95	185.8	6.4	9.6#
138	11.4	14.9	22.3#

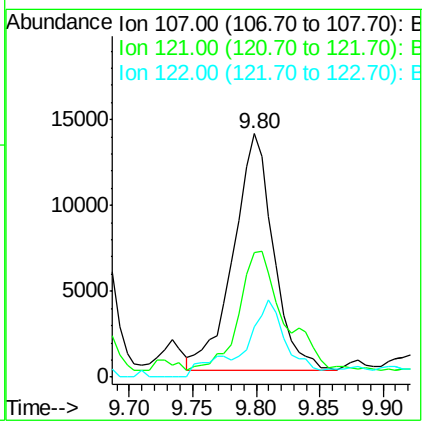


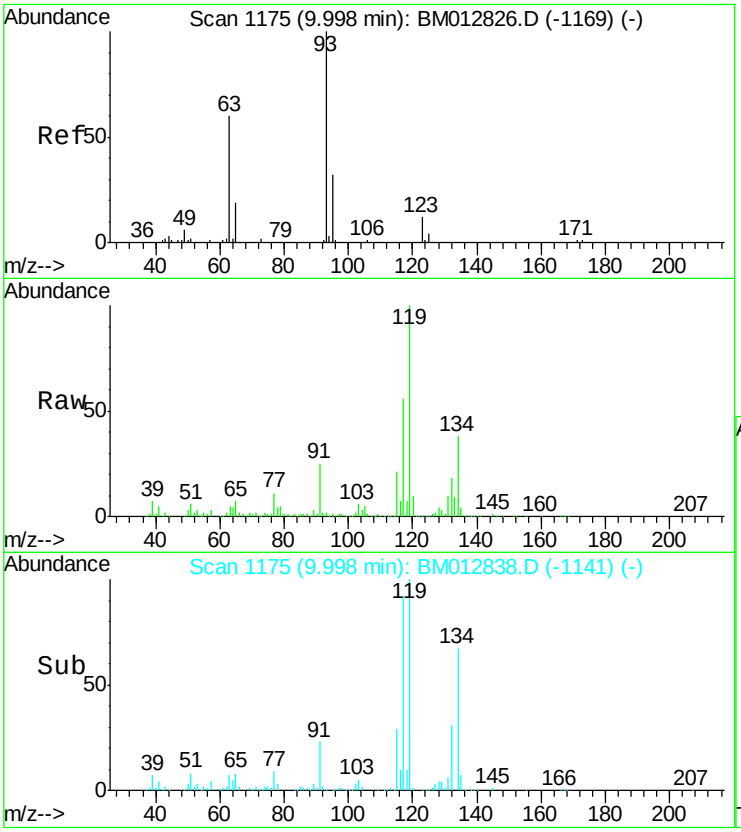


#24
2,4-Dimethylphenol
Concen: 2.75 ng/ul
RT: 9.80 min Scan# 1141
Delta R.T. 0.03 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:107 Resp: 30149

Ion	Ratio	Lower	Upper
107	100		
121	51.3	40.6	61.0
122	20.6	67.8	101.6#



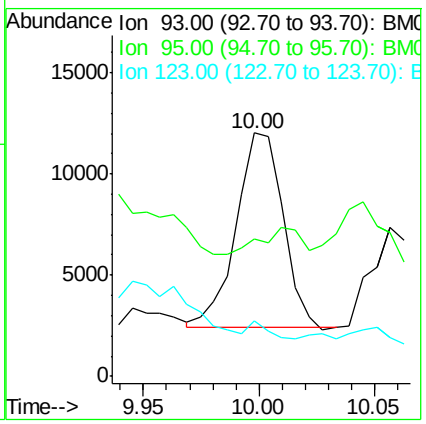


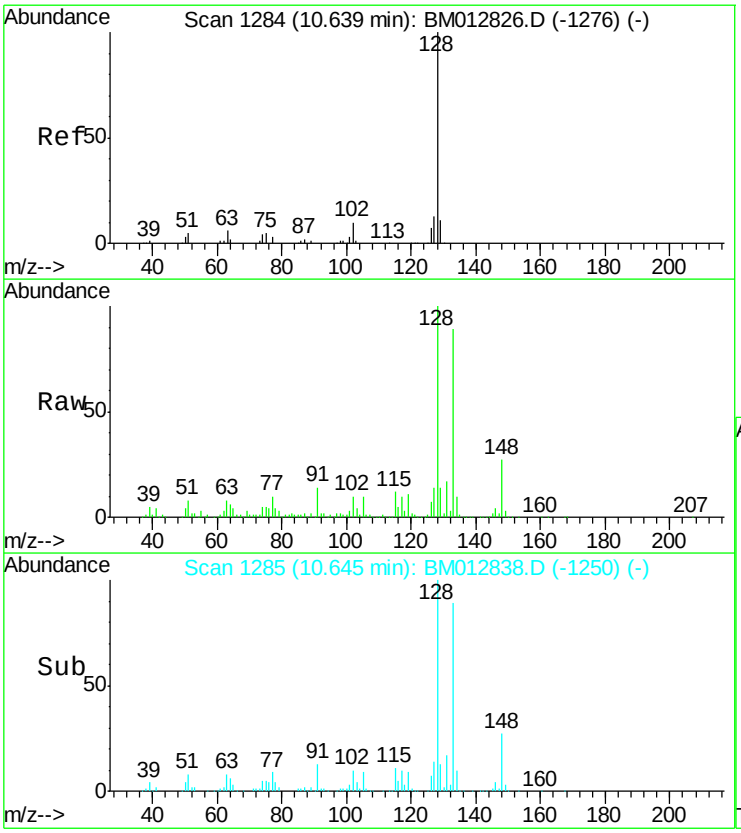
#25
Bis(2-Chloroethoxy)methane
Concen: 1.17 ng/ul
RT: 10.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion: 93 Resp: 13498

Ion	Ratio	Lower	Upper
93	100		
95	56.4	25.8	38.8#
123	22.5	9.8	14.8#

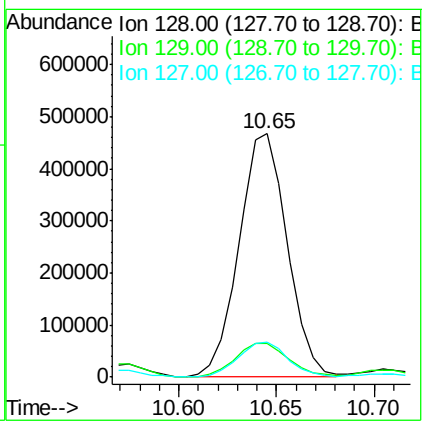


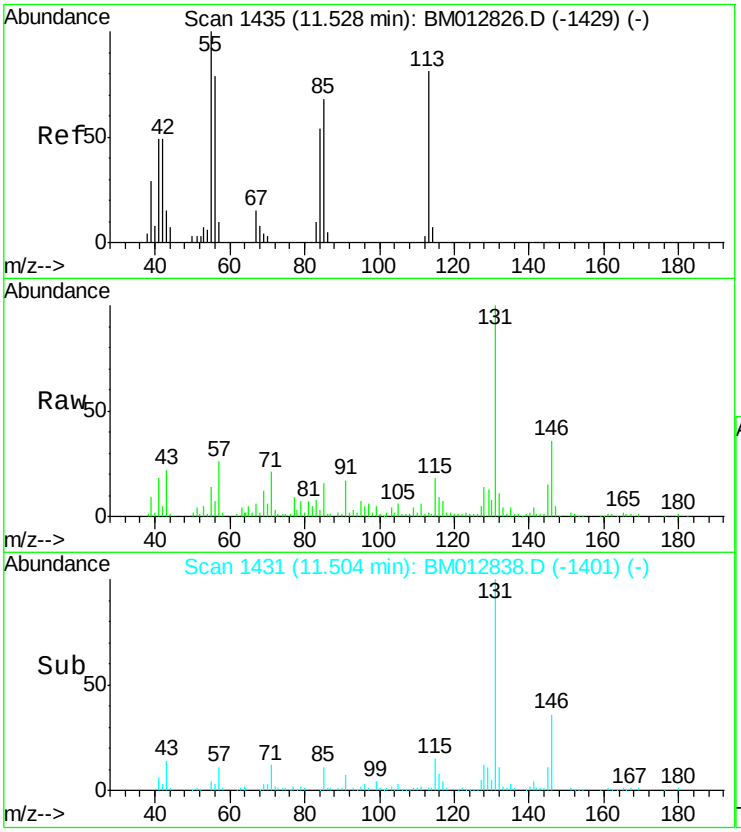


#28
Naphthalene
Concen: 26.80 ng/ul
RT: 10.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:128 Resp: 793867

Ion	Ratio	Lower	Upper
128	100		
129	14.0	8.8	13.2#
127	14.2	10.5	15.7



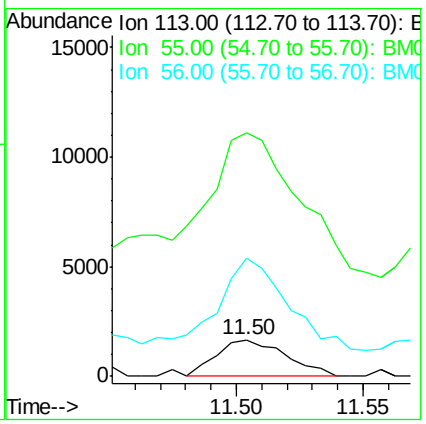


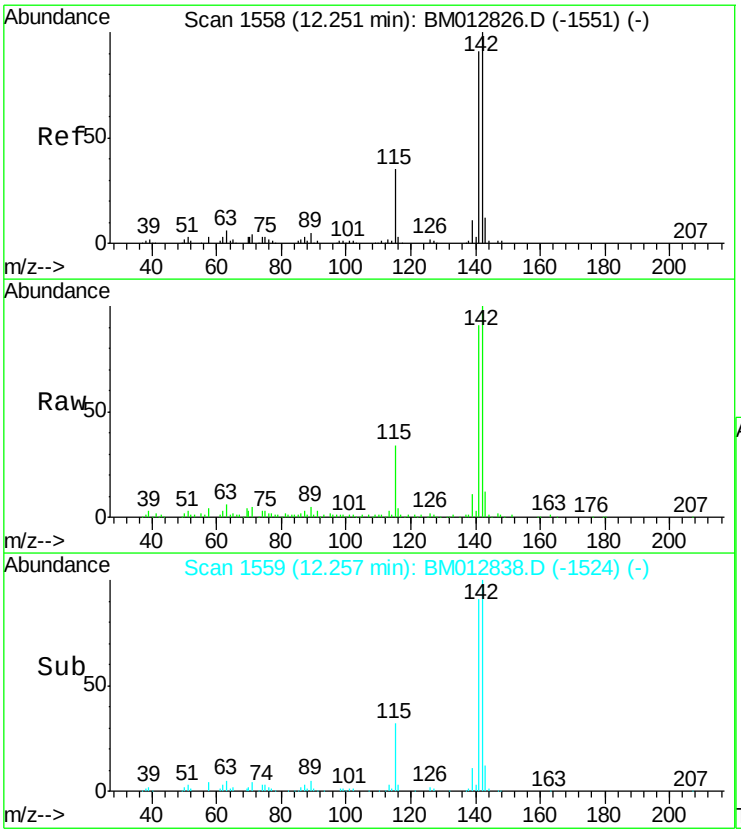
#32
Caprolactam
Concen: 1.13 ng/ul
RT: 11.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion:113 Resp: 3174

Ion	Ratio	Lower	Upper
113	100		
55	666.6	101.9	152.9#
56	322.9	81.2	121.8#

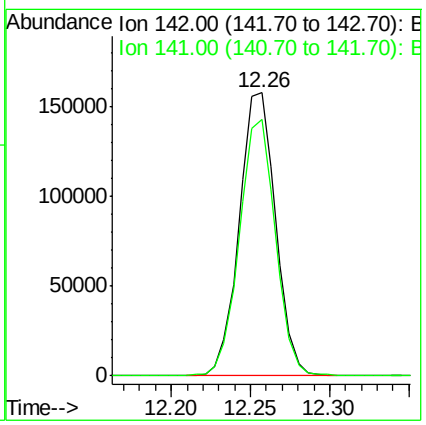


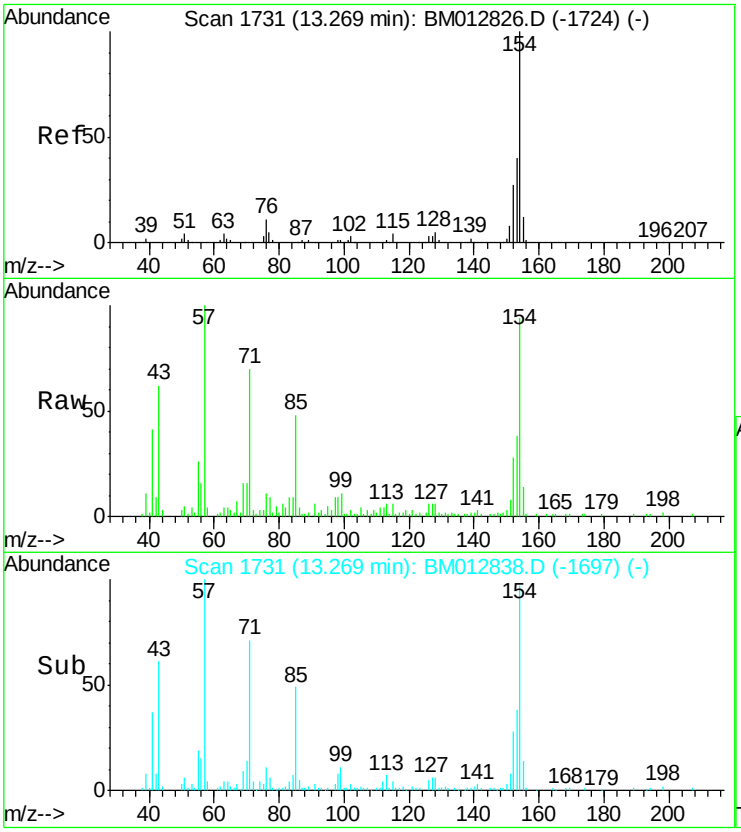


#34
2-Methylnaphthalene
Concen: 11.10 ng/ul
RT: 12.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:142 Resp: 251206

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.6	107.4



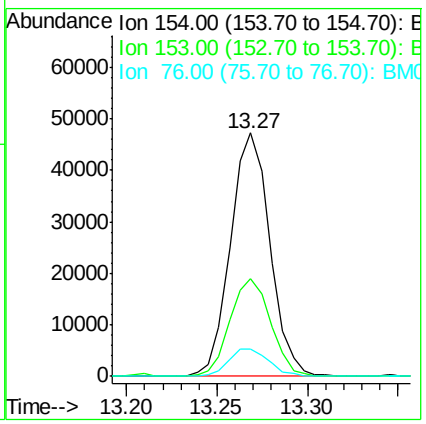


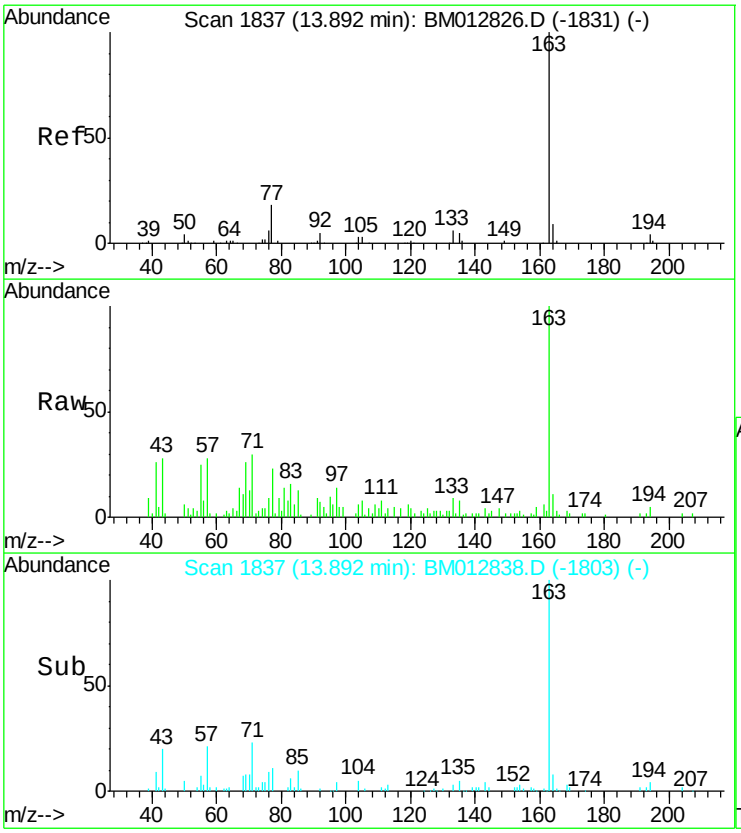
#40
1,1'-Biphenyl
Concen: 2.42 ng/ul
RT: 13.27 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion:154 Resp: 71507

Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.1	48.1
76	11.4	9.5	14.3

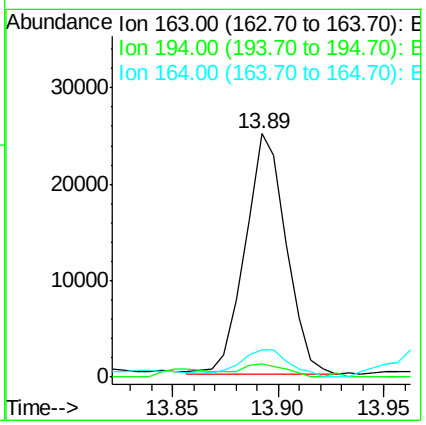


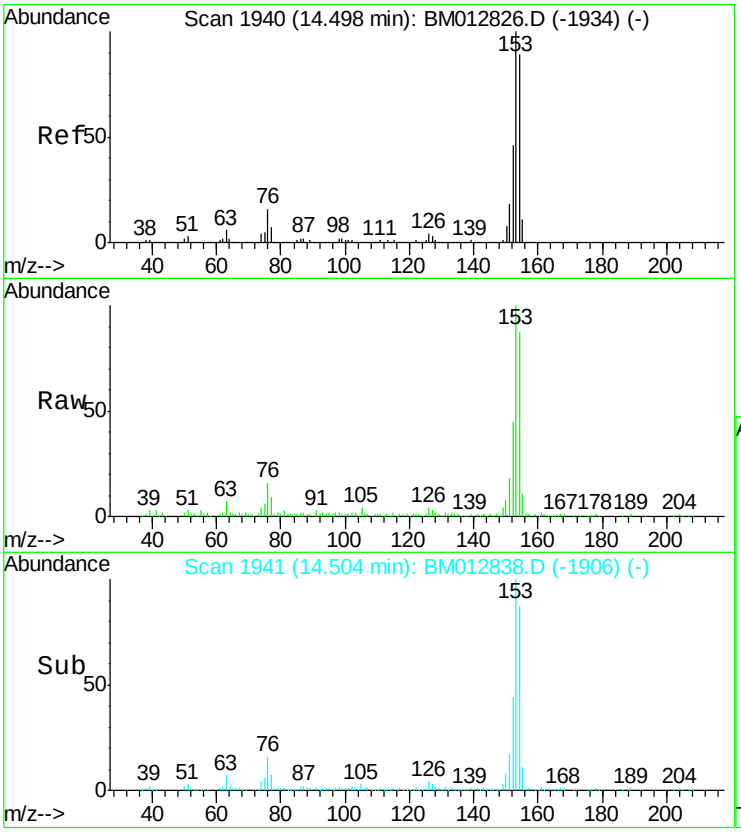


#44
Dimethylphthalate
Concen: 1.14 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:163 Resp: 33435

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.2	4.8#
164	11.2	7.8	11.8



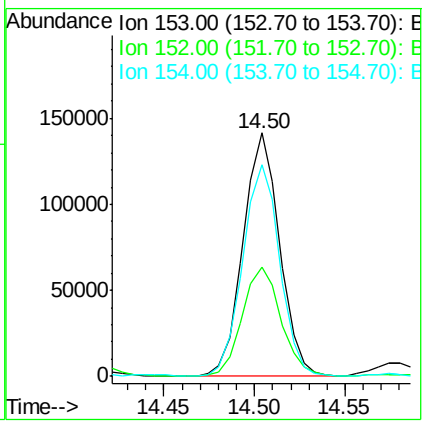


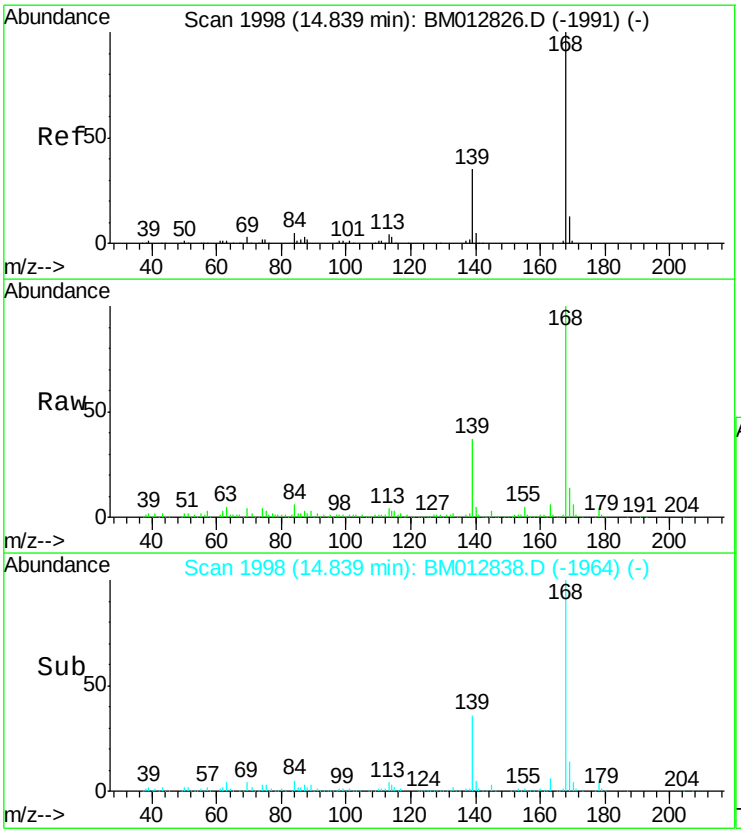
#49
Acenaphthene
Concen: 8.26 ng/ul
RT: 14.50 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion:153 Resp: 199309

Ion	Ratio	Lower	Upper
153	100		
152	44.8	38.3	57.5
154	86.7	71.8	107.8

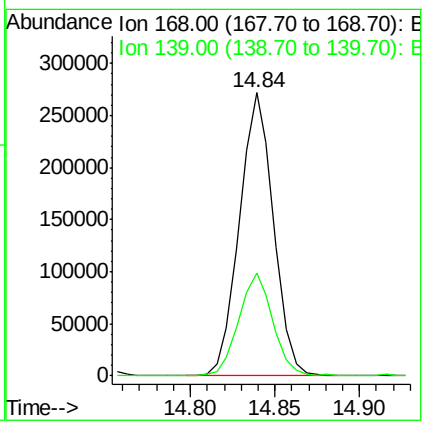


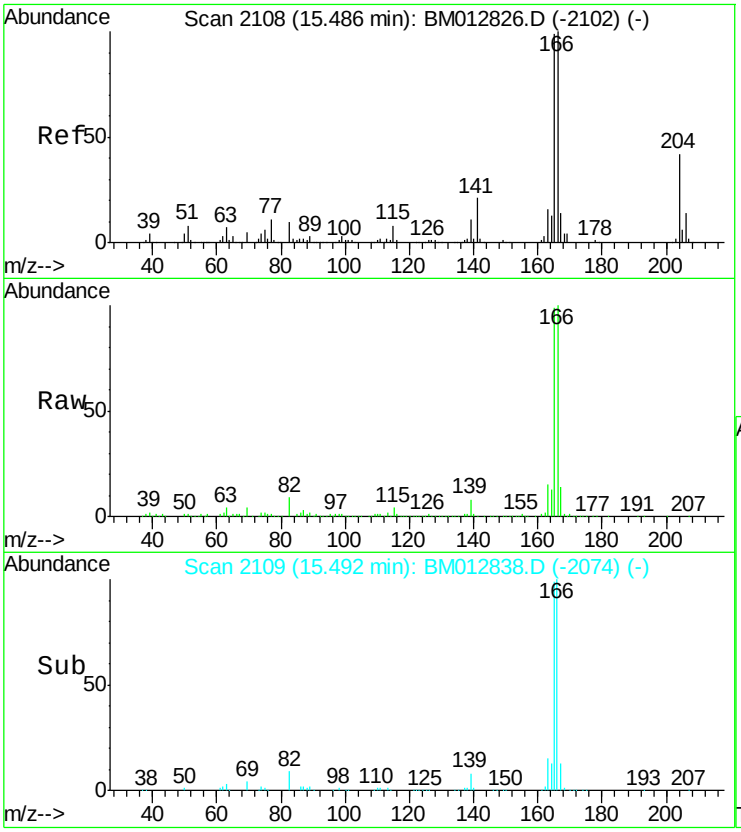


#53
Dibenzofuran
Concen: 10.76 ng/ul
RT: 14.84 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:168 Resp: 378460

Ion	Ratio	Lower	Upper
168	100		
139	36.6	32.2	48.2



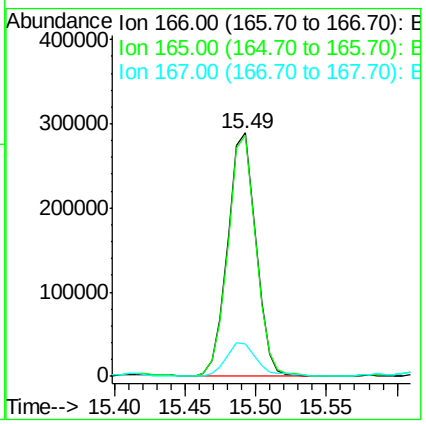


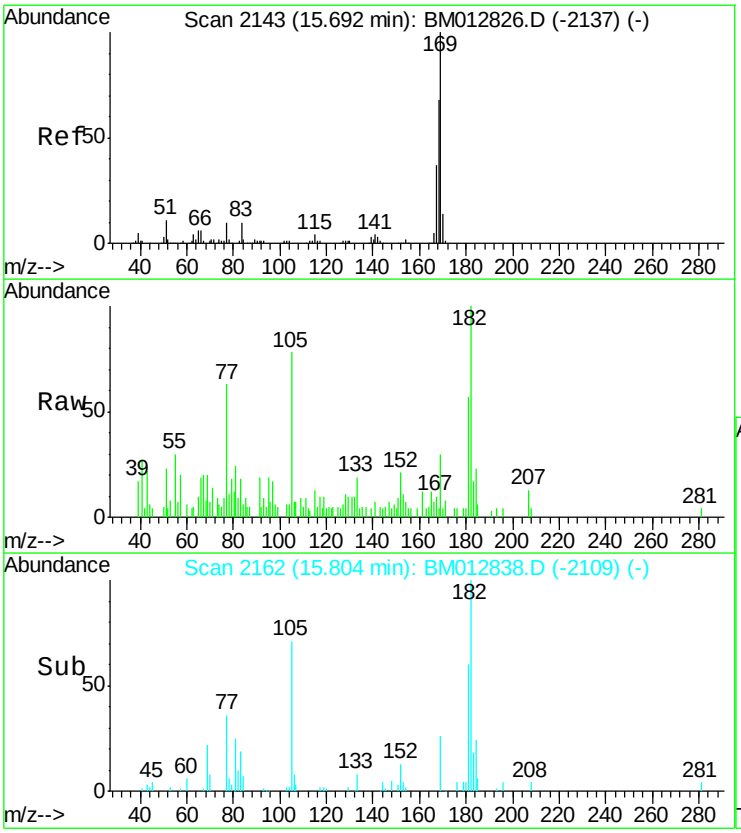
#58
Fluorene
Concen: 13.75 ng/ul
RT: 15.49 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion:166 Resp: 401810

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.5	117.7
167	13.5	10.7	16.1

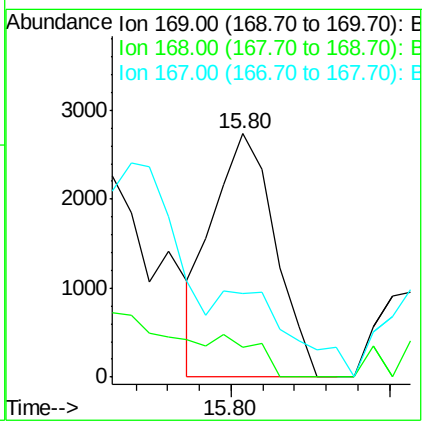


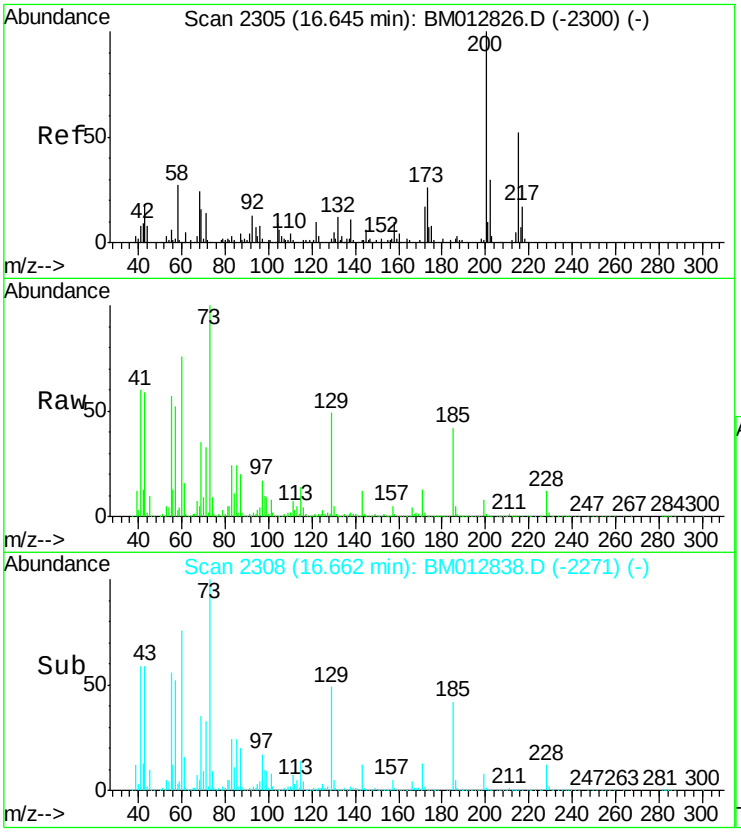


#64
N-Nitrosodiphenylamine
Concen: 1.01 ng/ul
RT: 15.80 min Scan# 2162
Delta R.T. 0.11 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:169 Resp: 3739

Ion	Ratio	Lower	Upper
169	100		
168	12.5	53.8	80.8#
167	34.3	29.3	43.9



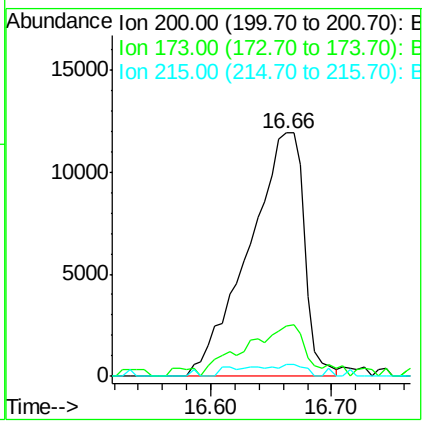


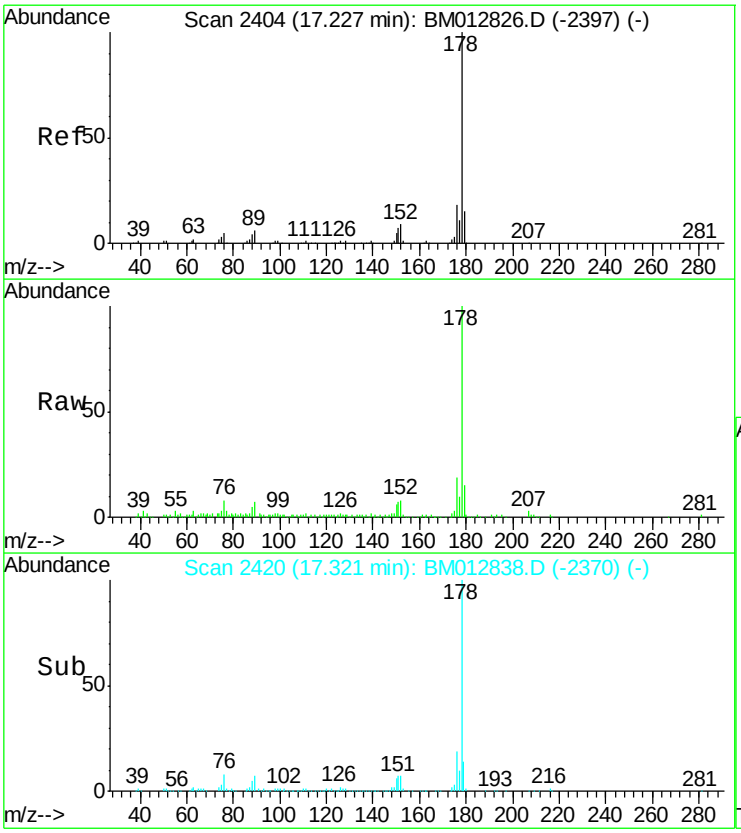
#67
Atrazine
Concen: 25.49 ng/ul
RT: 16.66 min Scan# 2308
Delta R.T. 0.02 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion:200 Resp: 37839

Ion	Ratio	Lower	Upper
200	100		
173	20.8	21.6	32.4#
215	4.9	37.0	55.4#

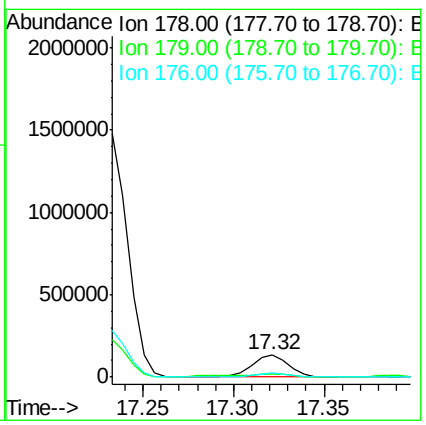


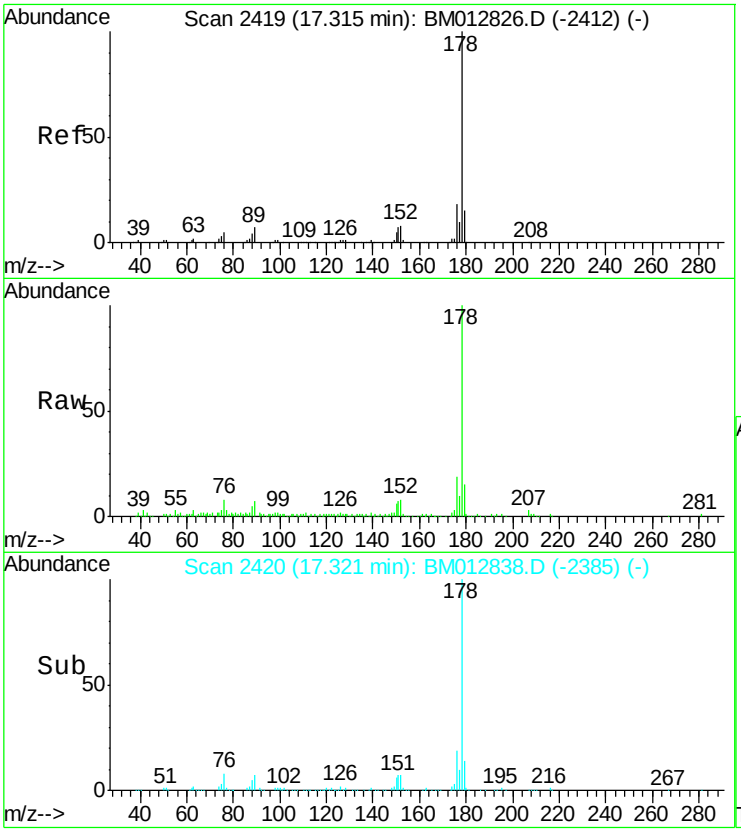


#69
Phenanthrene
Concen: 28.22 ng/ul
RT: 17.32 min Scan# 2420
Delta R.T. 0.09 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:178 Resp: 189950

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.4
176	18.5	15.6	23.4



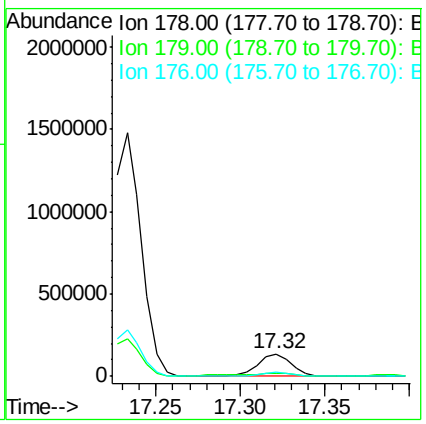


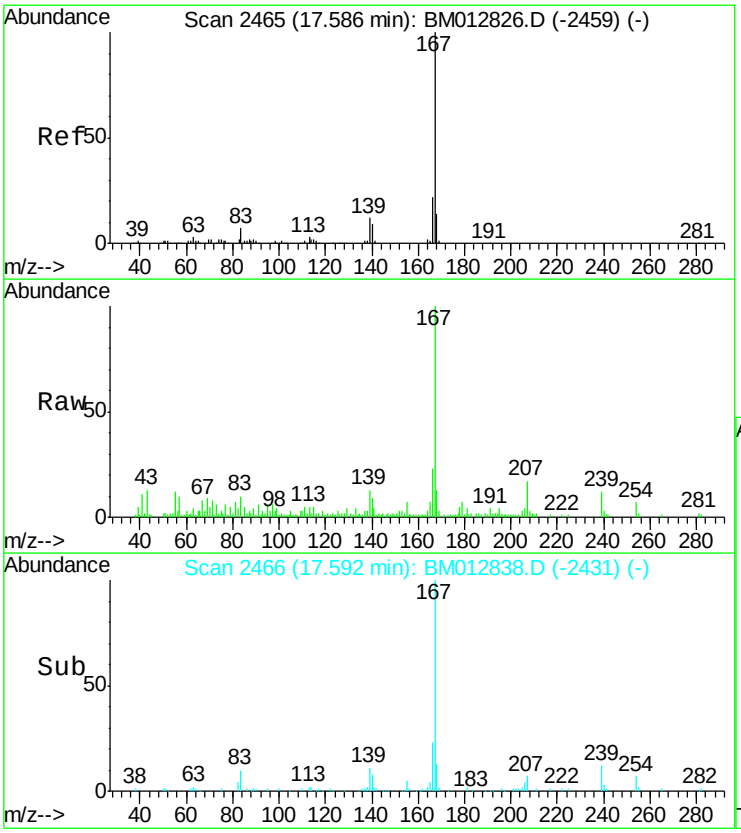
#71
Anthracene
Concen: 27.16 ng/ul
RT: 17.32 min Scan# 2420
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion:178 Resp: 189514

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.1	18.1
176	18.5	14.8	22.2

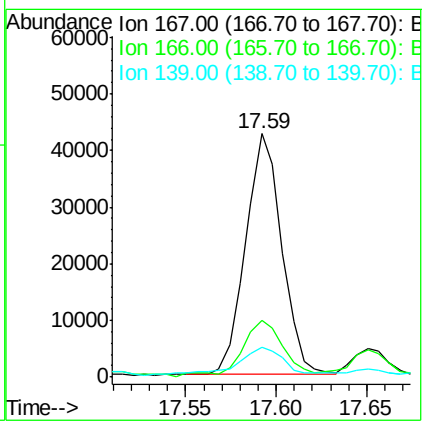


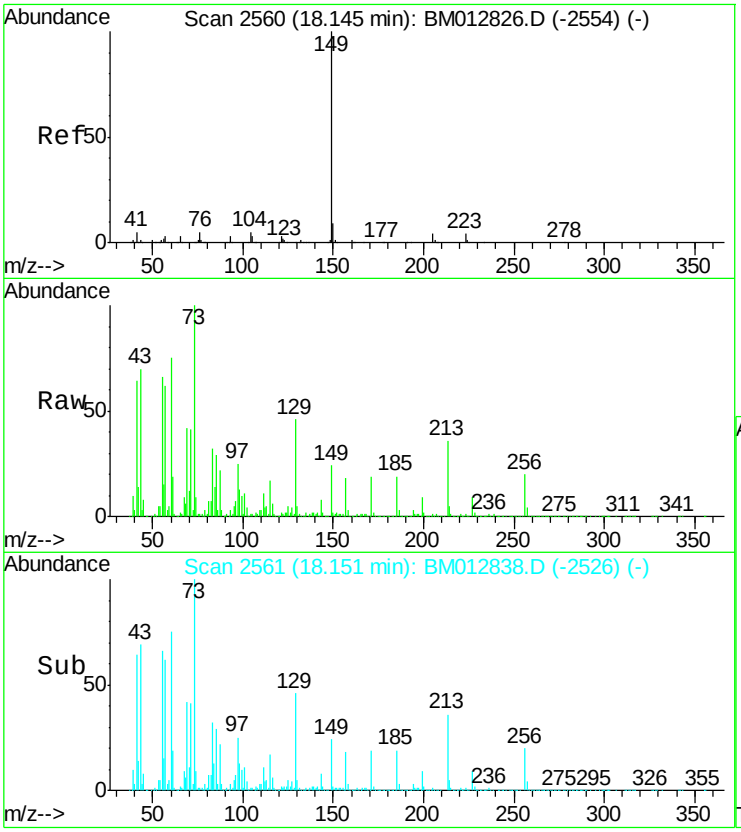


#74
Carbazole
Concen: 10.17 ng/ul
RT: 17.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:167 Resp: 59219

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.0	25.6
139	12.5	11.0	16.4



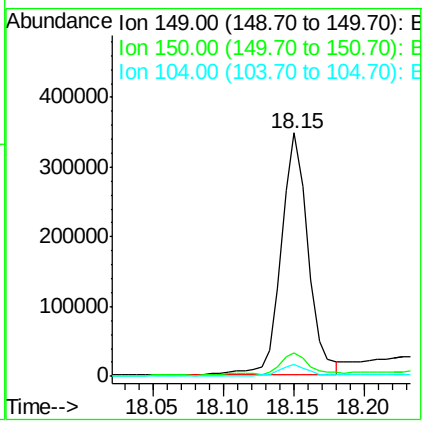


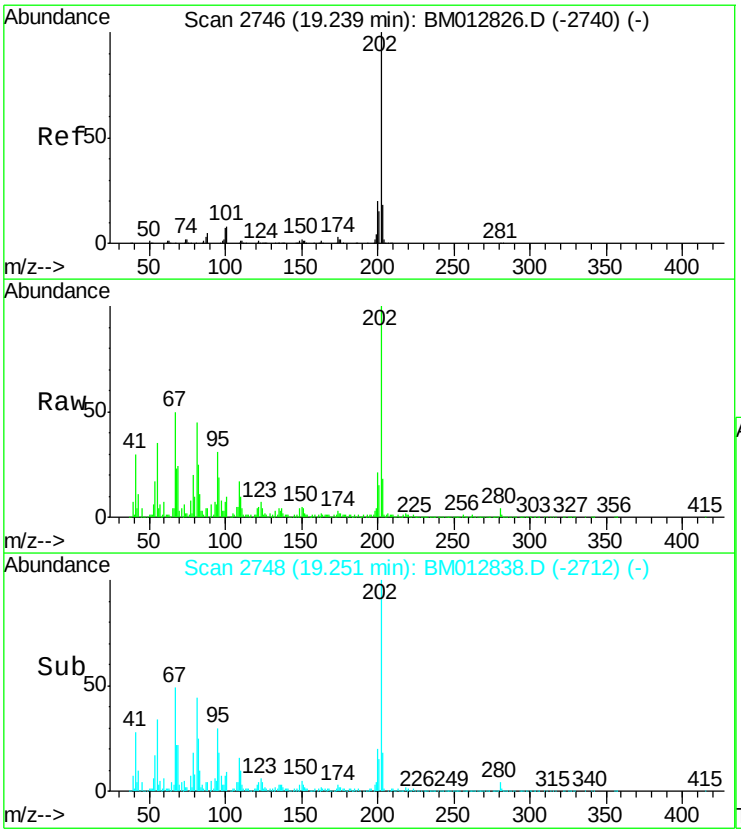
#75
Di-n-butylphthalate
Concen: 67.22 ng/ul
RT: 18.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion:149 Resp: 458416

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.0
104	4.7	4.0	6.0

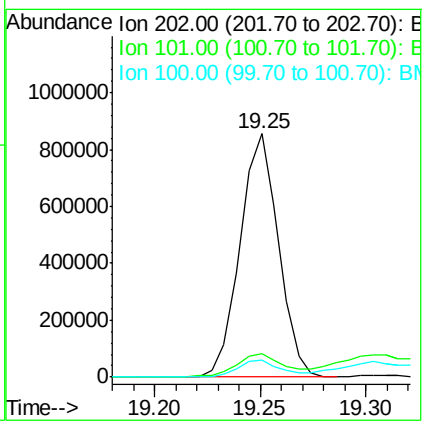


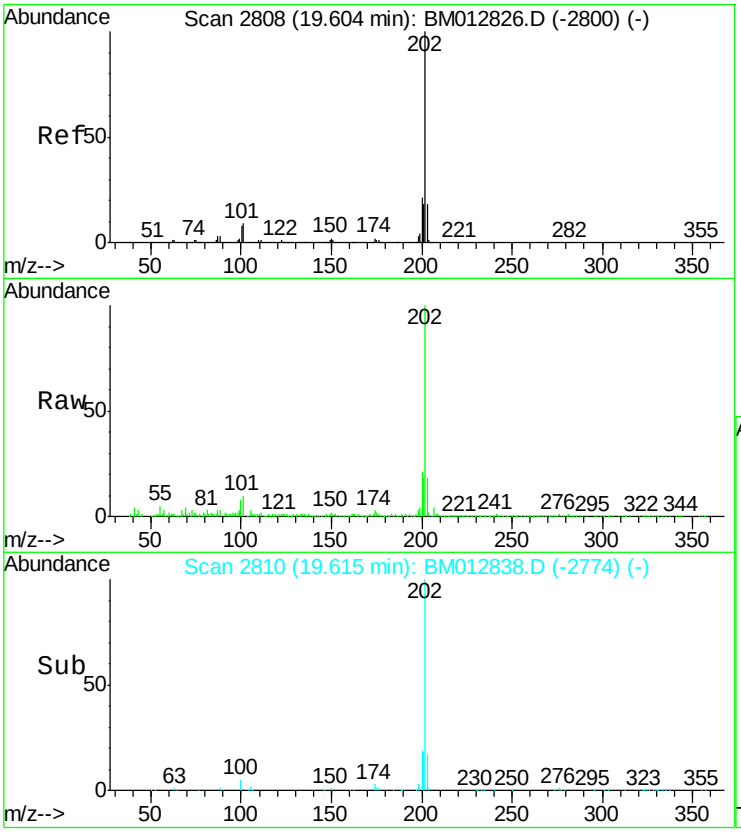


#76
Fluoranthene
Concen: 133.20 ng/ul
RT: 19.25 min Scan# 2748
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:202 Resp: 1077284

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.8	13.2
100	6.8	6.6	9.8



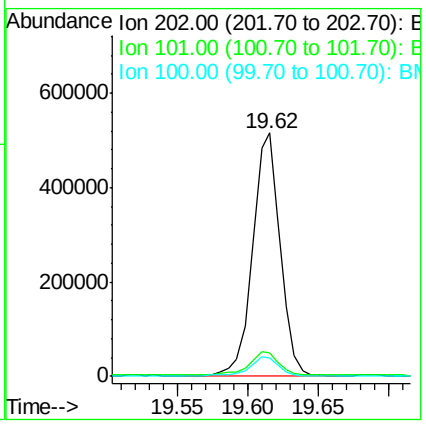


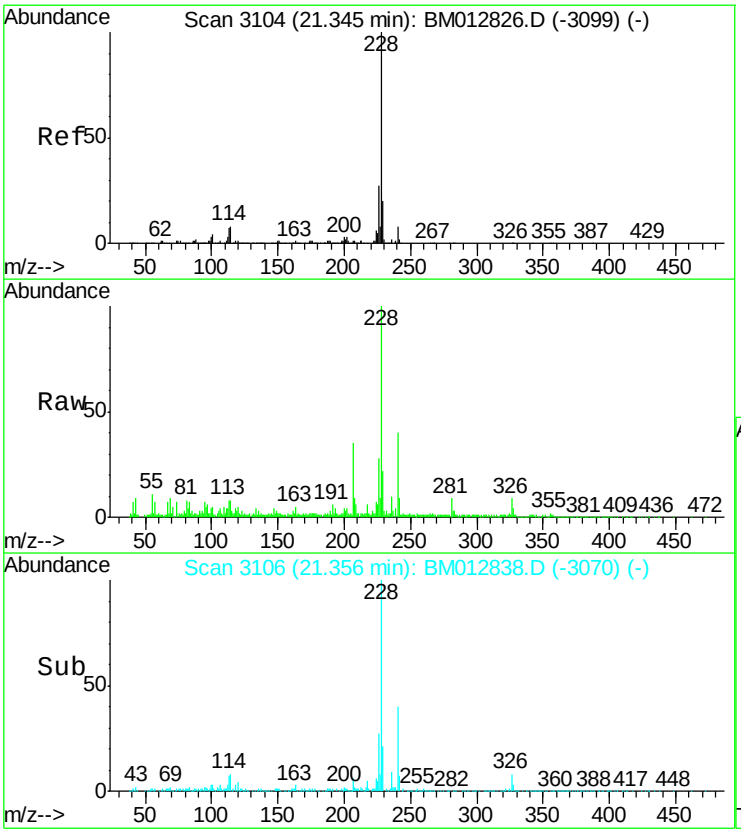
#79
Pyrene
Concen: 18.20 ng/ul
RT: 19.62 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion:202 Resp: 704851

Ion	Ratio	Lower	Upper
202	100		
101	9.8	10.2	15.2#
100	7.6	8.5	12.7#

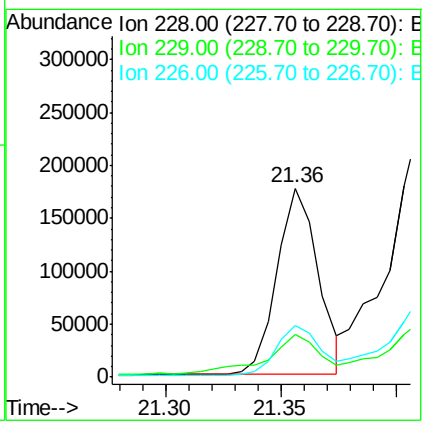


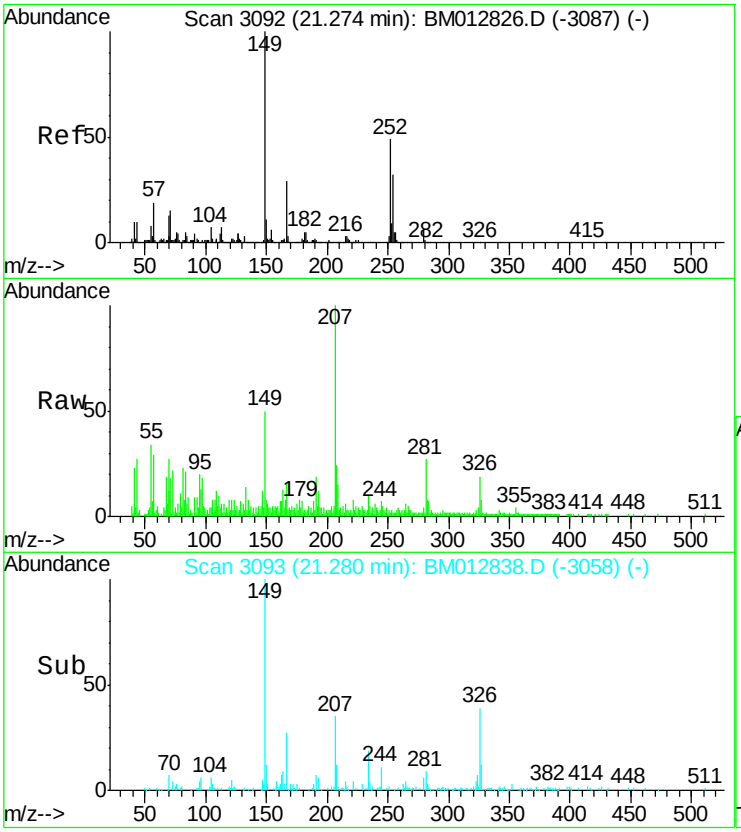


#82
Benzo(a)anthracene
Concen: 5.58 ng/ul
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:228 Resp: 219070

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.7	23.5
226	27.6	21.8	32.6



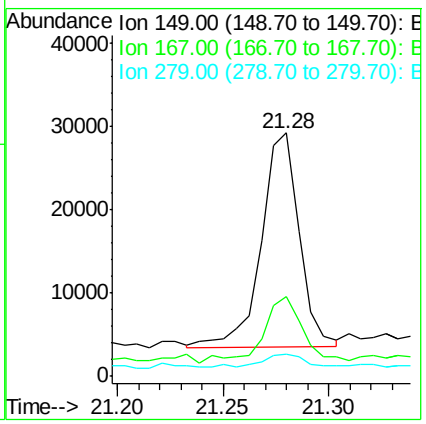


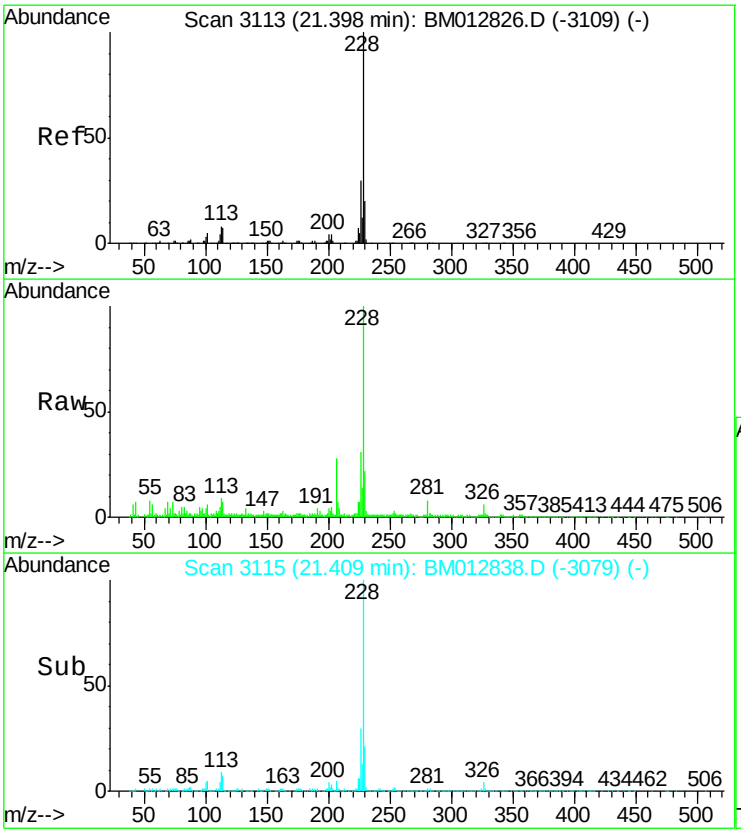
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.57 ng/ul
RT: 21.28 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion:149 Resp: 32334

Ion	Ratio	Lower	Upper
149	100		
167	32.6	21.6	32.4#
279	9.0	3.0	4.4#

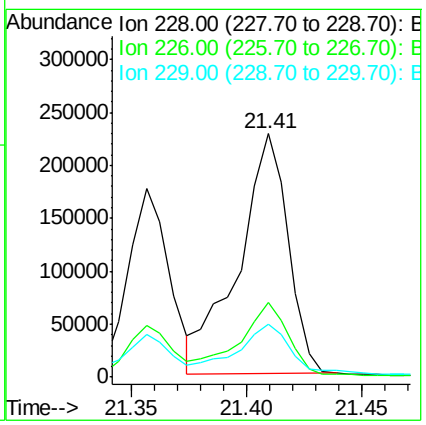


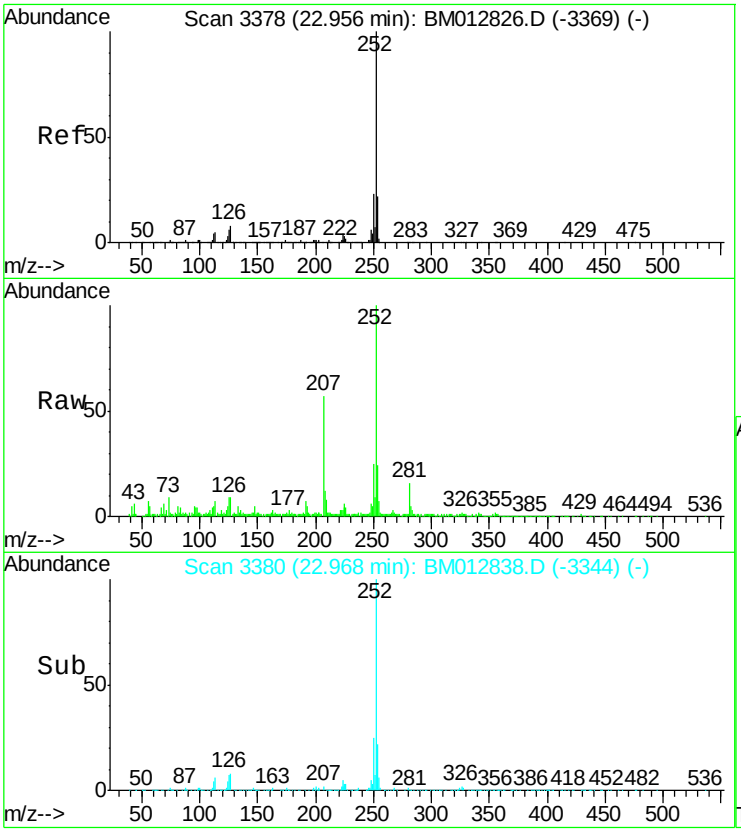


#84
Chrysene
Concen: 9.49 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:228 Resp: 338009

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	21.8	15.6	23.4



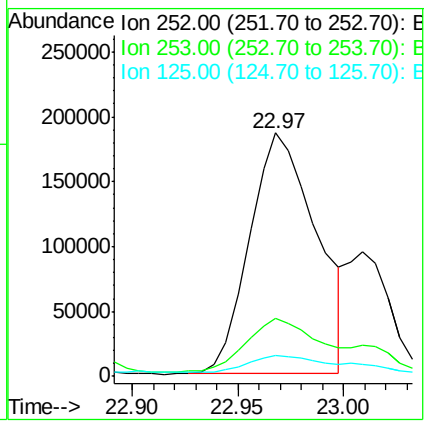


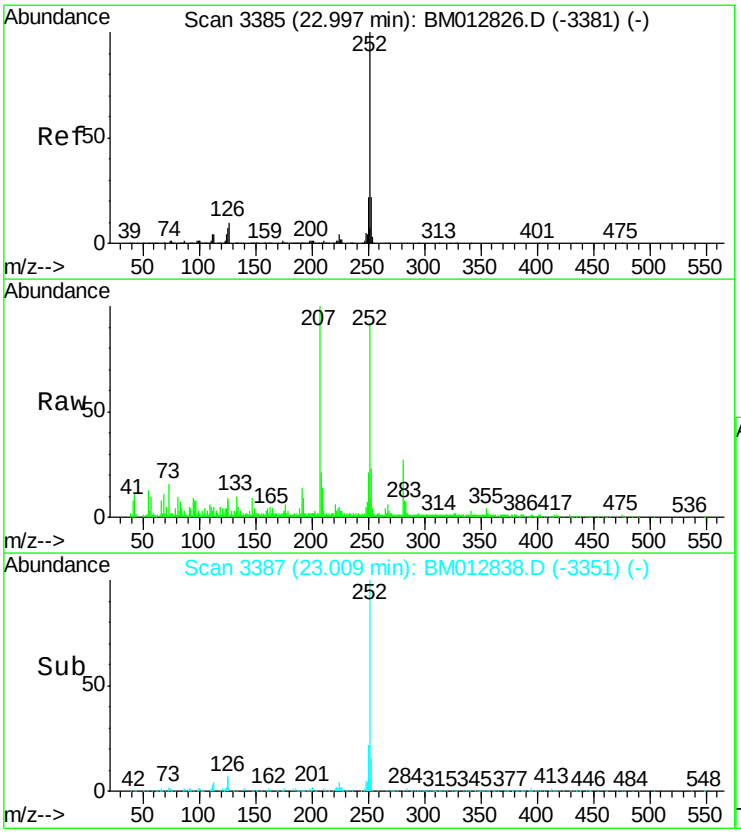
#87
Benzo(b)fluoranthene
Concen: 9.34 ng/ul
RT: 22.97 min Scan# 3380
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion:252 Resp: 408068

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	8.5	8.5	12.7

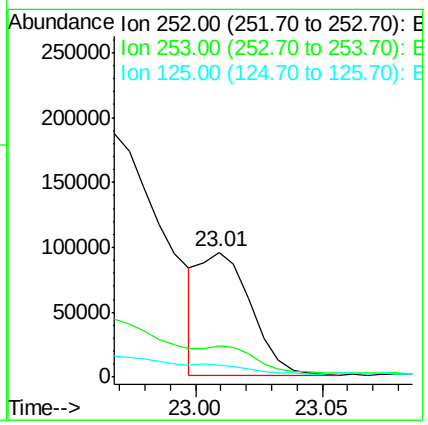


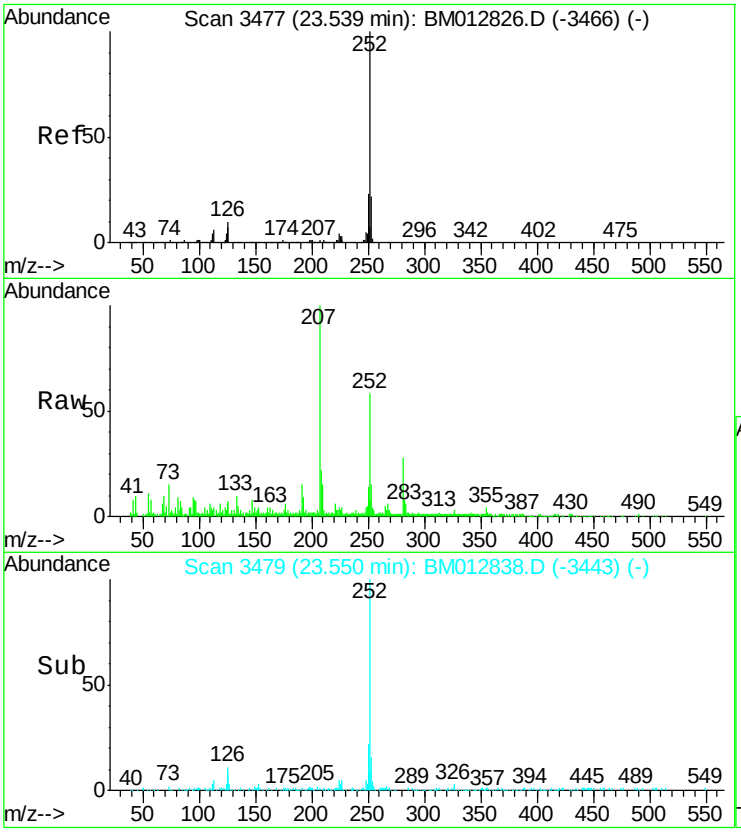


#88
Benzo(k)fluoranthene
Concen: 3.15 ng/ul
RT: 23.01 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:252 Resp: 130820

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.3	25.9
125	9.3	8.2	12.2



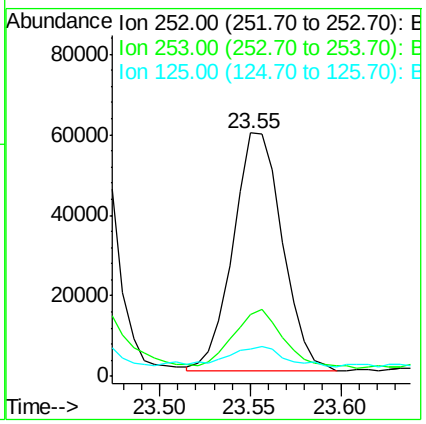


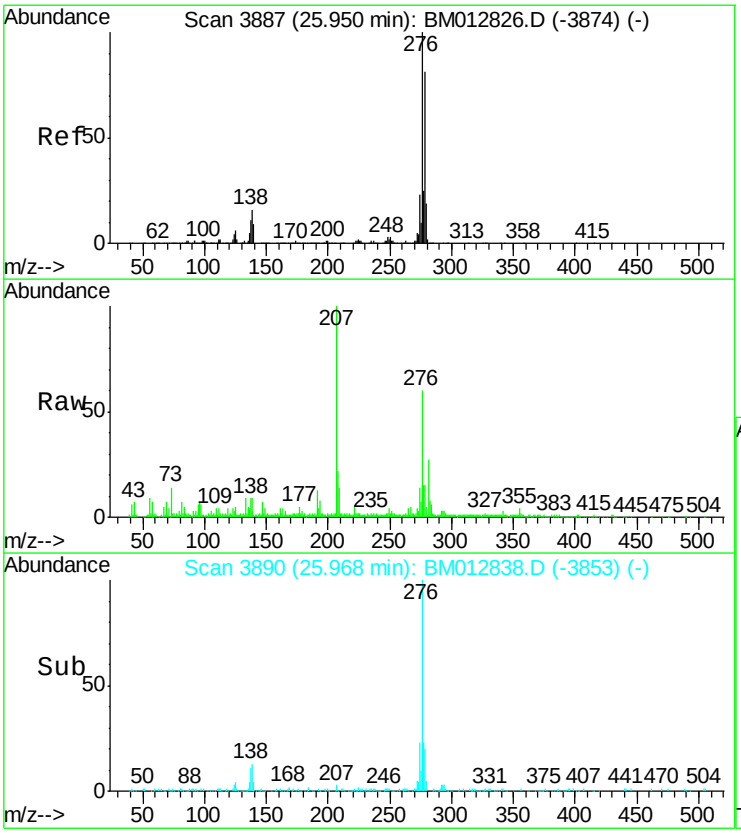
#90
Benzo(a)pyrene
Concen: 2.68 ng/ul
RT: 23.55 min Scan# 3479
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion:252 Resp: 111566

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	11.1	9.0	13.6

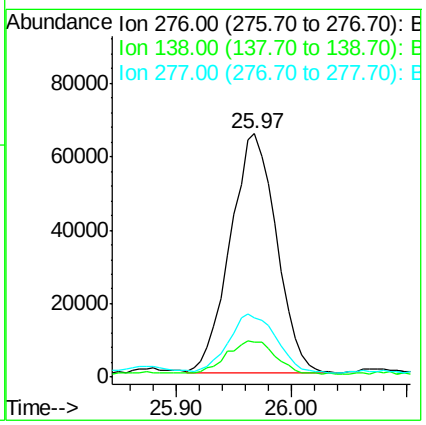


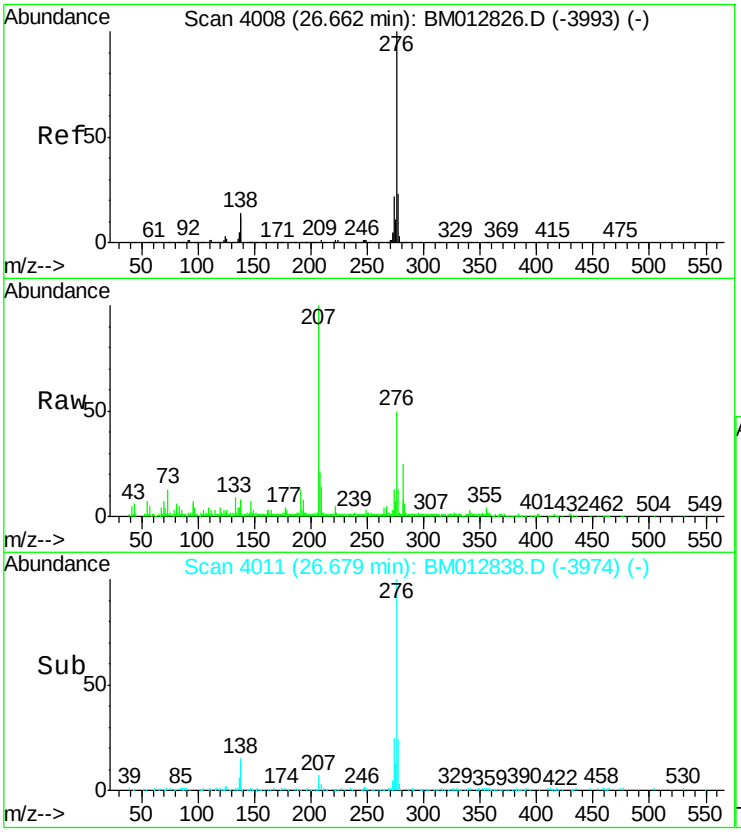


#91
Indeno(1,2,3-cd)pyrene
Concen: 3.63 ng/ul
RT: 25.97 min Scan# 3890
Delta R.T. 0.02 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:276 Resp: 181900

Ion	Ratio	Lower	Upper
276	100		
138	14.3	22.3	33.5#
277	24.6	20.2	30.2





#93
Benzo(g,h,i)perylene
Concen: 4.27 ng/ul
RT: 26.68 min Scan# 4011
Delta R.T. 0.02 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion:276 Resp: 176071

Ion	Ratio	Lower	Upper
276	100		
138	16.4	18.9	28.3#
277	25.4	19.2	28.8