Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-34

Quant Time: Nov 06 07:25:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	144863	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	599791	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.46	164	369222	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.21	188	722537	20.00	ng/ul	0.02
77) Chrysene-d12	21.39	240	604833	20.00	ng/ul	0.01
85) Perylene-d12	23.68	264	683864	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	2472	0.92	ng/uL	0.00
5) Phenol-d5	7.02	99	61847	5.74	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.15	67	113977	19.51	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	167517	18.66	ng/ul	0.01
13) 4-Methylphenol-d8	8.56	113	32447	3.49	ng/ul	0.04
19) Nitrobenzene-d5	8.99	128	118666	26.78	ng/ul	0.02
22) 2-Nitrophenol-d4	9.70	143	110720	21.84	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.33	165	200373	19.28	ng/ul	0.11
29) 4-Chloroaniline-d4	10.72	131	78283	7.80	ng/ul	-0.02
43) Dimethylphthalate-d6	13.87	166	661336	21.65	ng/ul	0.01
46) Acenaphthylene-d8	14.16	160	815491	21.58	ng/ul	0.02
51) 4-Nitrophenol-d4	14.66	143	396	0.08	ng/ul	0.00
57) Fluorene-d10	15.46	176	563093	21.52	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.60	200	4679	0.98	ng/ul	0.02
70) Anthracene-d10	17.30	188	785584	22.50	ng/ul	0.01
78) Pyrene-d10	19.60	212	656571	23.39	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.53	264	725031	22.42	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.97	77	34184	5.96	ng/ul#	1
6) Phenol	7.03	94	34335	3.10	ng/ul#	48
11) 2-Methylphenol	8.29	108	12029	1.43	ng/ul	97
14) Acetophenone	8.62	105	152577	10.90	ng/ul#	36
17) Hexachloroethane	8.92	117	282758	75.95	ng/ul#	7
20) Nitrobenzene	9.00	77	47688	4.57	ng/ul#	12
24) 2,4-Dimethylphenol	9.87	107	716968	64.56	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.02	93	18538	1.58	ng/ul#	26
28) Naphthalene	10.67	128	832442	27.76	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	530018	23.13	ng/ul	99
40) 1,1'-Biphenyl	13.29	154	38582	1.26	ng/ul	97
44) Dimethylphthalate	13.92	163	99226	3.27	ng/ul#	92
45) 2,6-Dinitrotoluene	14.02	165	9169	1.51	ng/ul#	46
69) Phenanthrene	17.25	178	58429	1.48	ng/ul	95
71) Anthracene	17.25	178	58264	1.42	ng/ul	94
74) Carbazole	17.62	167	48865	1.43	ng/ul#	92

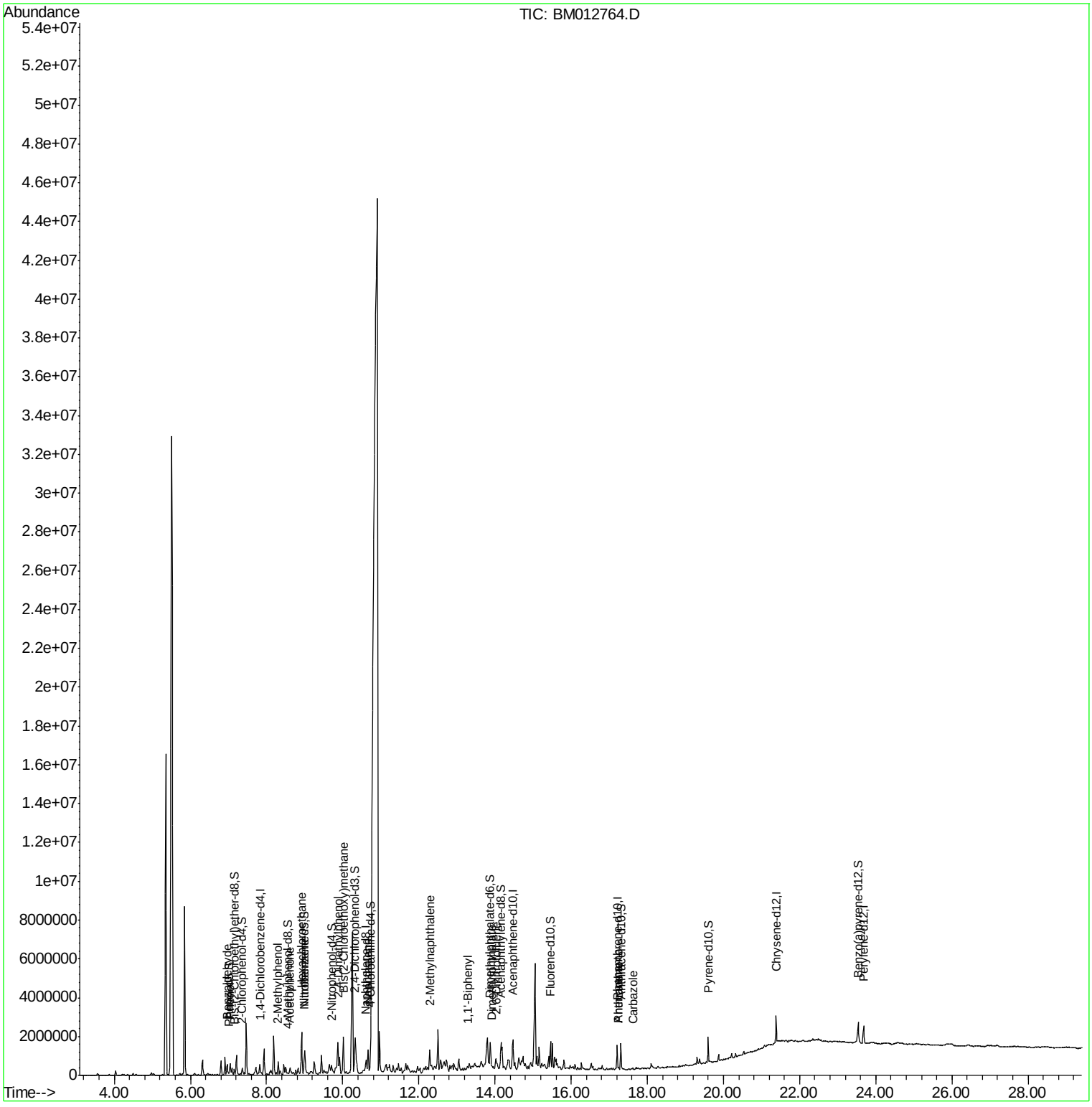
(#) = qualifier out of range (m) = manual integration (+) = signals summed

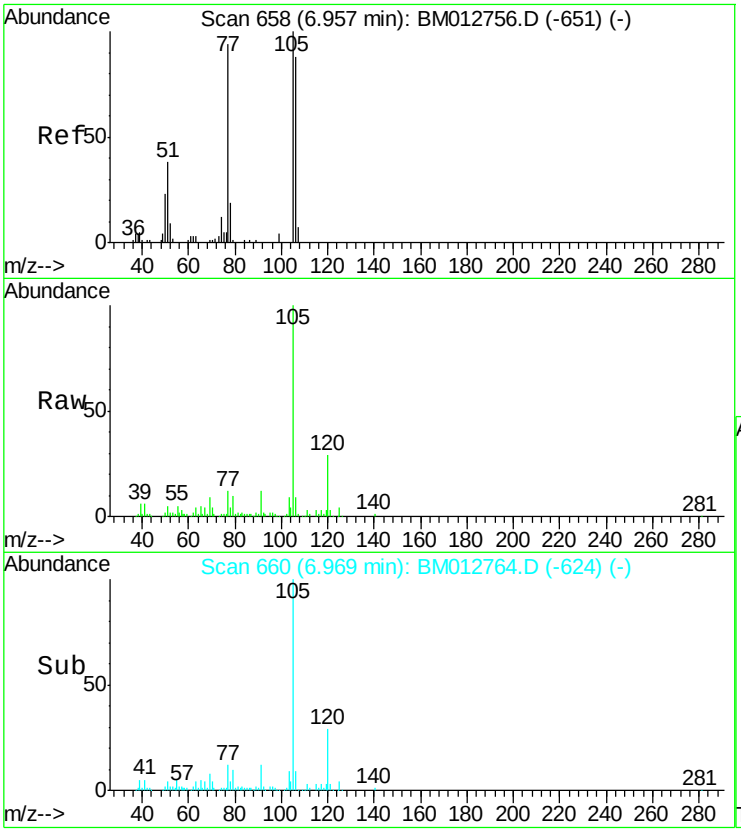
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012764.D
Acq On : 06 Nov 2017 06:22
Operator : SJ/JU
Sample : I6120-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-34

Quant Time: Nov 06 07:25:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration



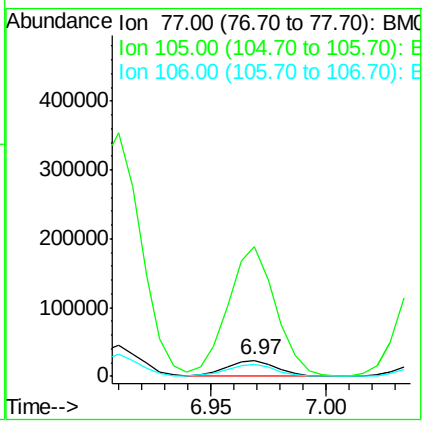


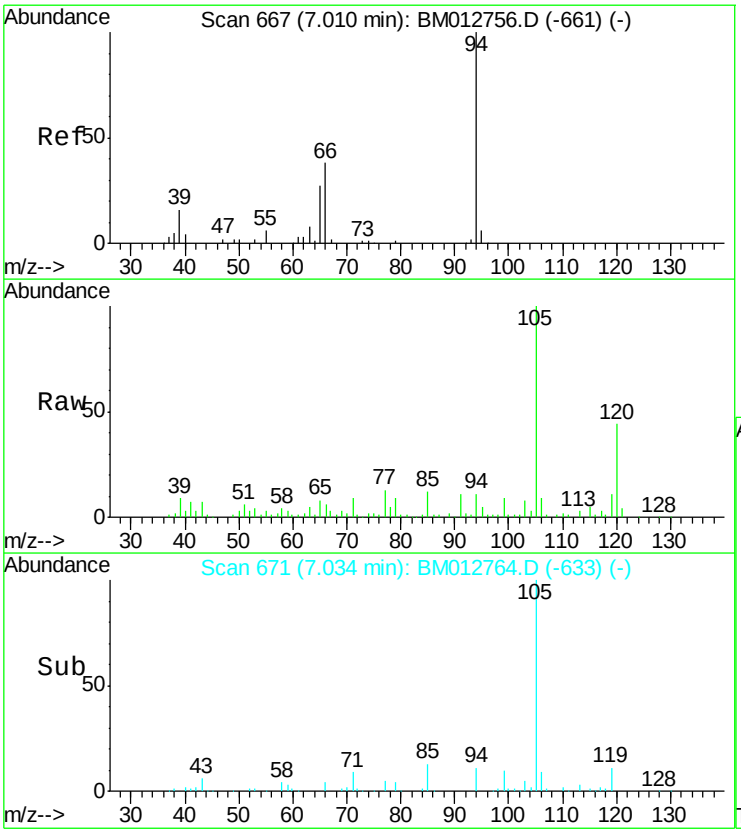
#4
Benzaldehyde
Concen: 5.96 ng/ul
RT: 6.97 min Scan# 660
Delta R.T. 0.01 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Instrument :
BNA_M
ClientSampleId :
TWP-B-34

Tgt Ion: 77 Resp: 34184

Ion	Ratio	Lower	Upper
77	100		
105	817.8	80.6	120.8#
106	75.5	77.7	116.5#

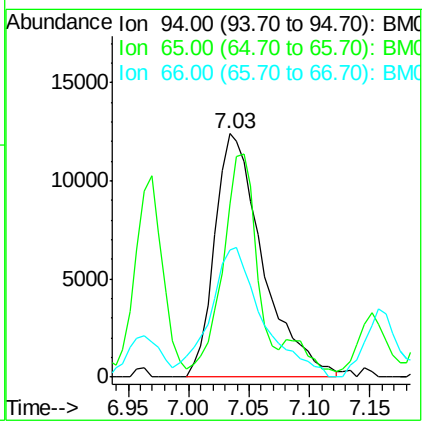


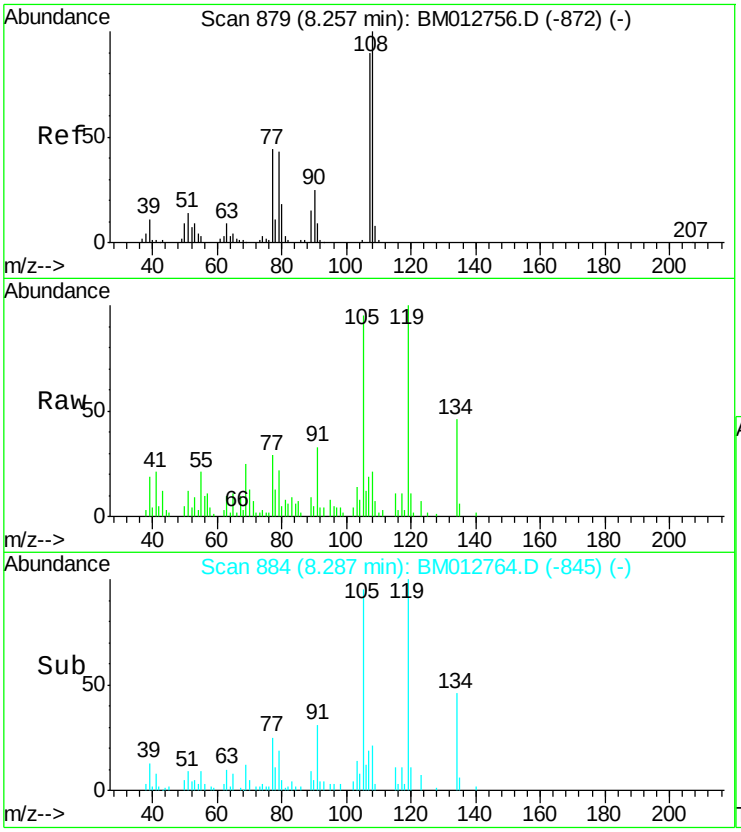


#6
Phenol
Concen: 3.10 ng/ul
RT: 7.03 min Scan# 671
Delta R.T. 0.02 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Tgt Ion: 94 Resp: 34335

Ion	Ratio	Lower	Upper
94	100		
65	70.9	21.0	31.6#
66	52.5	29.3	43.9#



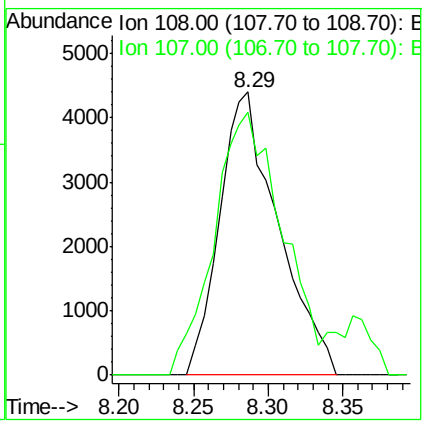


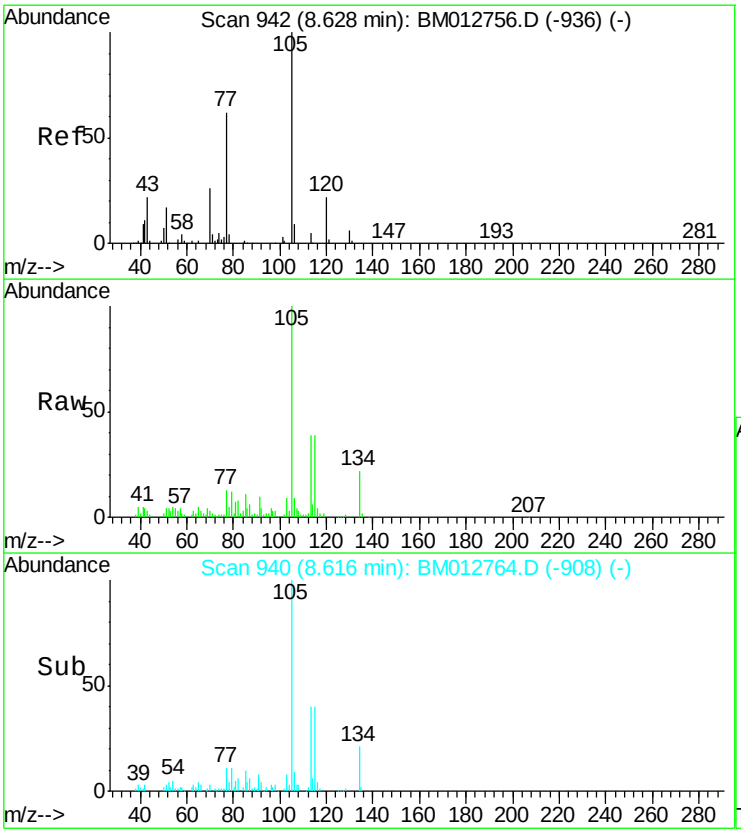
#11
2-Methylphenol
Concen: 1.43 ng/ul
RT: 8.29 min Scan# 884
Delta R.T. 0.03 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Instrument :
BNA_M
ClientSampleId :
TWP-B-34

Tgt Ion:108 Resp: 12029

Ion	Ratio	Lower	Upper
108	100		
107	93.0	72.4	108.6

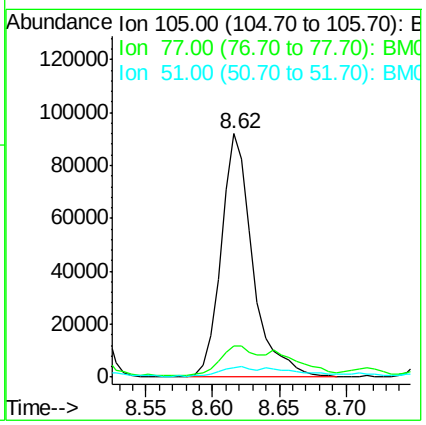


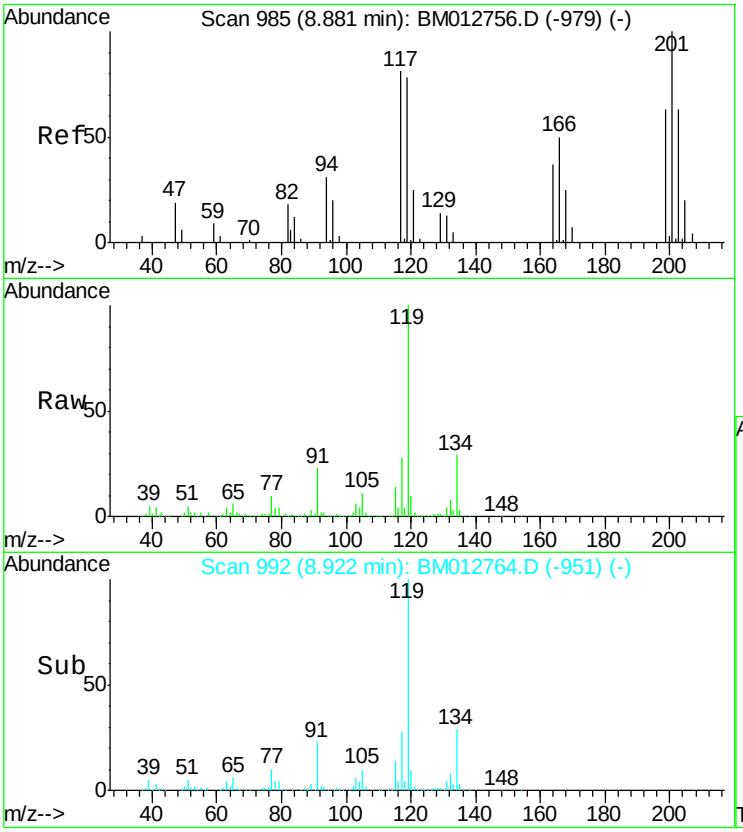


#14
Acetophenone
Concen: 10.90 ng/ul
RT: 8.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Tgt Ion:105 Resp: 152577

Ion	Ratio	Lower	Upper
105	100		
77	12.8	59.0	88.4#
51	3.6	16.4	24.6#



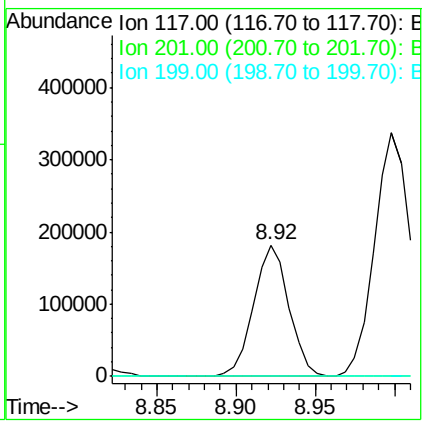


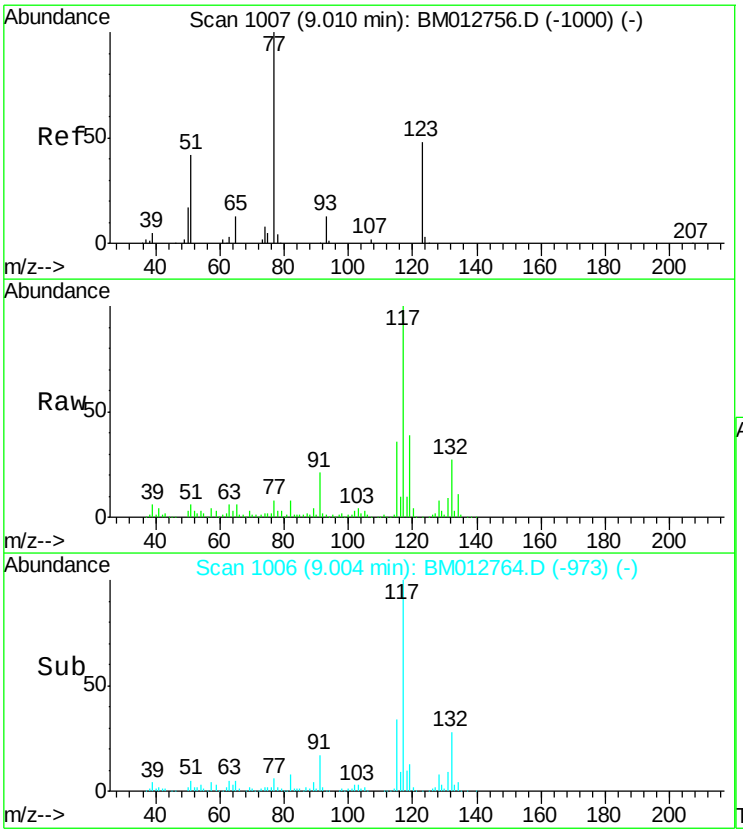
#17
Hexachloroethane
Concen: 75.95 ng/ul
RT: 8.92 min Scan# 992
Delta R.T. 0.04 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Instrument :
BNA_M
ClientSampleId :
TWP-B-34

Tgt Ion:117 Resp: 282758

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

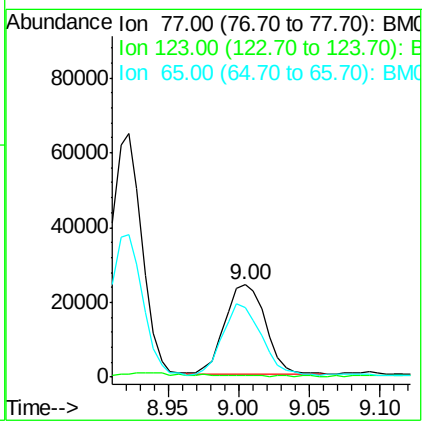


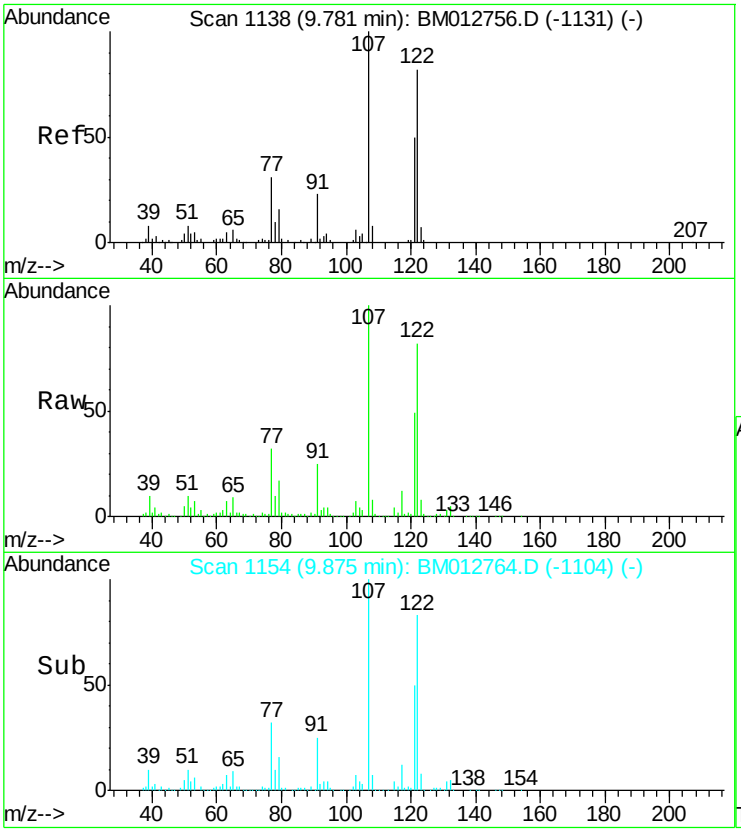


#20
Nitrobenzene
Concen: 4.57 ng/ul
RT: 9.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Tgt Ion: 77 Resp: 47688

Ion	Ratio	Lower	Upper
77	100		
123	1.5	39.0	58.4#
65	76.1	10.4	15.6#



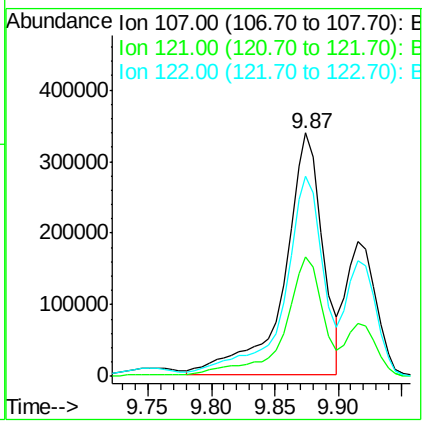


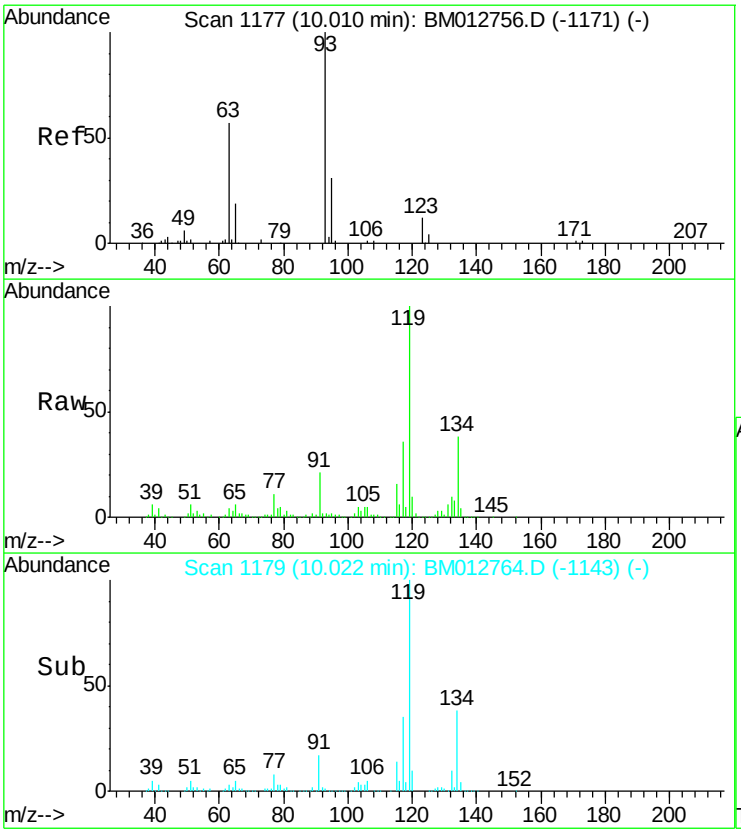
#24
2,4-Dimethylphenol
Concen: 64.56 ng/ul
RT: 9.87 min Scan# 1154
Delta R.T. 0.09 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Instrument :
BNA_M
ClientSampleId :
TWP-B-34

Tgt Ion:107 Resp: 716968

Ion	Ratio	Lower	Upper
107	100		
121	49.2	40.6	61.0
122	82.0	67.8	101.6

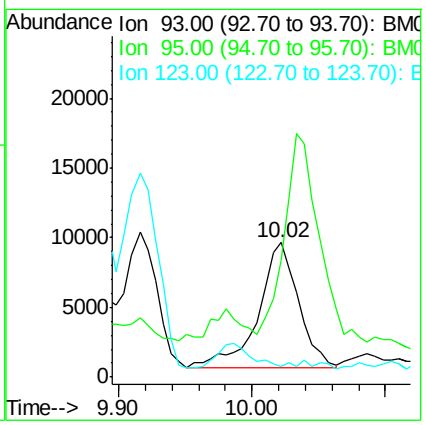


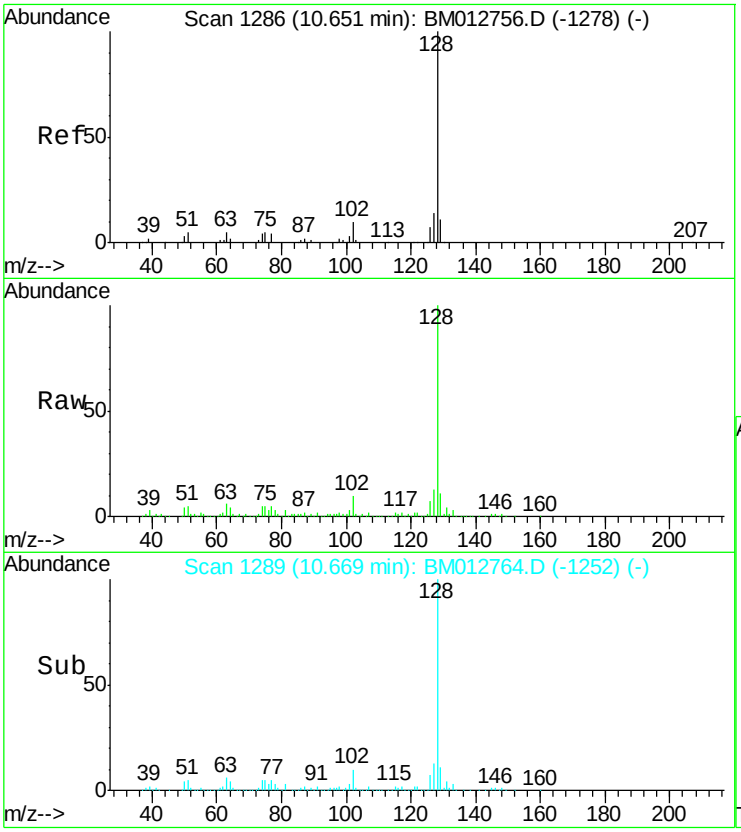


#25
Bis(2-Chloroethoxy)methane
Concen: 1.58 ng/ul
RT: 10.02 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Tgt Ion: 93 Resp: 18538

Ion	Ratio	Lower	Upper
93	100		
95	87.5	25.8	38.8#
123	8.0	9.8	14.8#



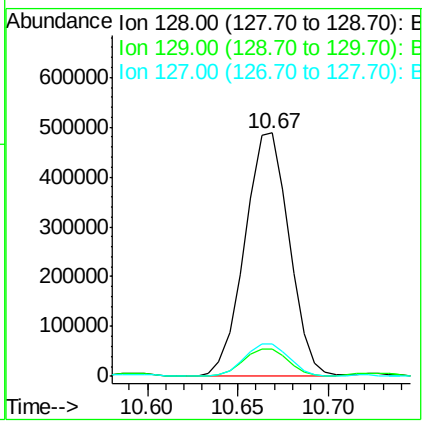


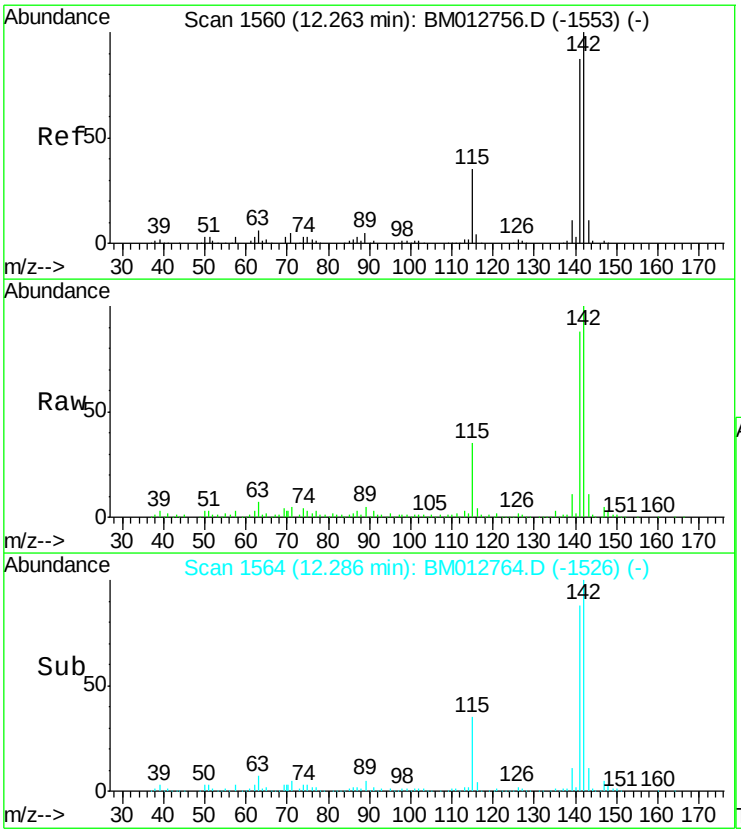
#28
Naphthalene
Concen: 27.76 ng/ul
RT: 10.67 min Scan# 1289
Delta R.T. 0.02 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Instrument :
BNA_M
ClientSampleId :
TWP-B-34

Tgt Ion:128 Resp: 832442

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.3	10.5	15.7

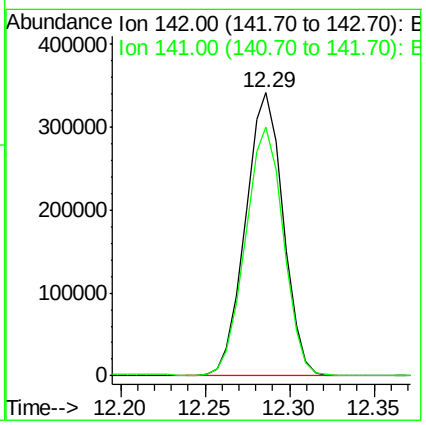


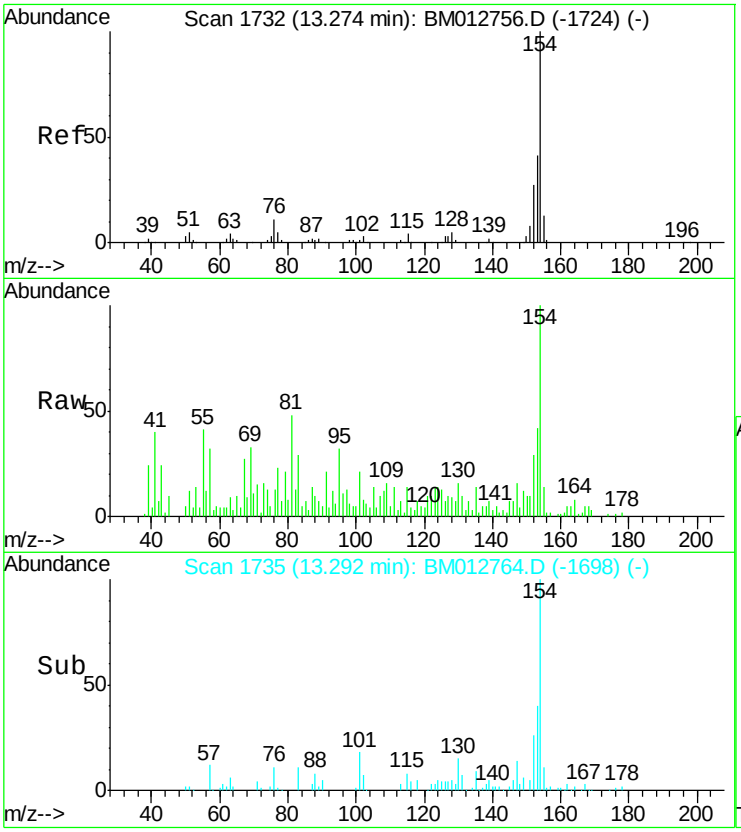


#34
2-Methylnaphthalene
Concen: 23.13 ng/ul
RT: 12.29 min Scan# 1564
Delta R.T. 0.02 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Tgt Ion:142 Resp: 530018

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4



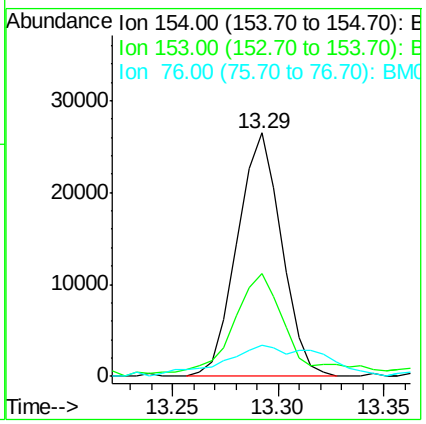


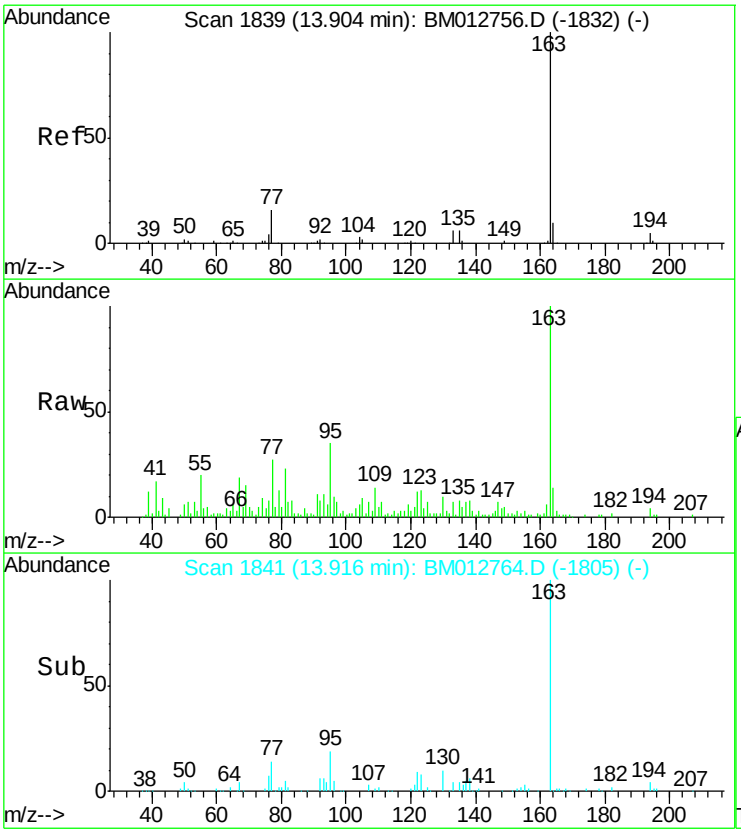
#40
1,1'-Biphenyl
Concen: 1.26 ng/ul
RT: 13.29 min Scan# 1735
Delta R.T. 0.02 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Instrument :
BNA_M
ClientSampleId :
TWP-B-34

Tgt Ion:154 Resp: 38582

Ion	Ratio	Lower	Upper
154	100		
153	42.4	32.1	48.1
76	12.9	9.5	14.3

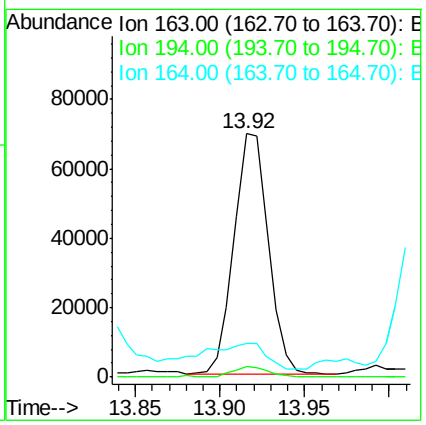


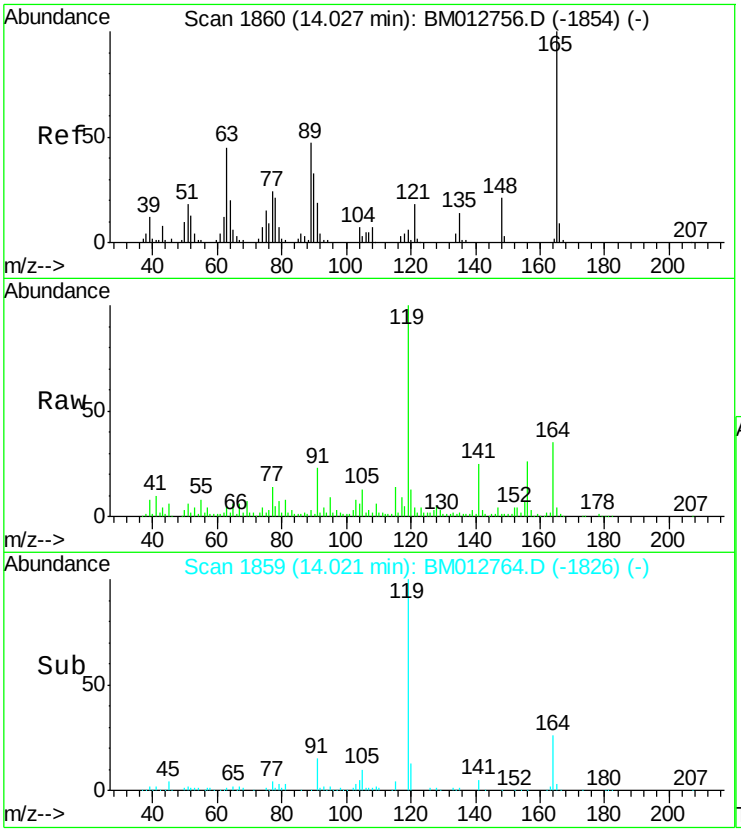


#44
Dimethylphthalate
Concen: 3.27 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Tgt Ion:163 Resp: 99226

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	13.8	7.8	11.8#



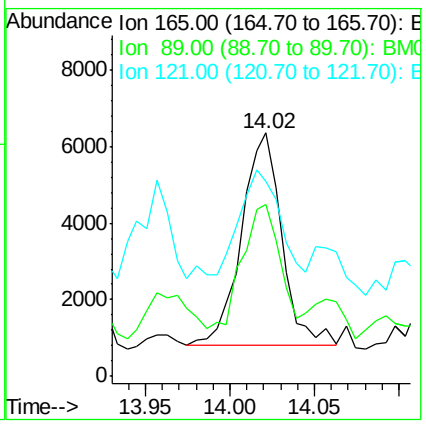


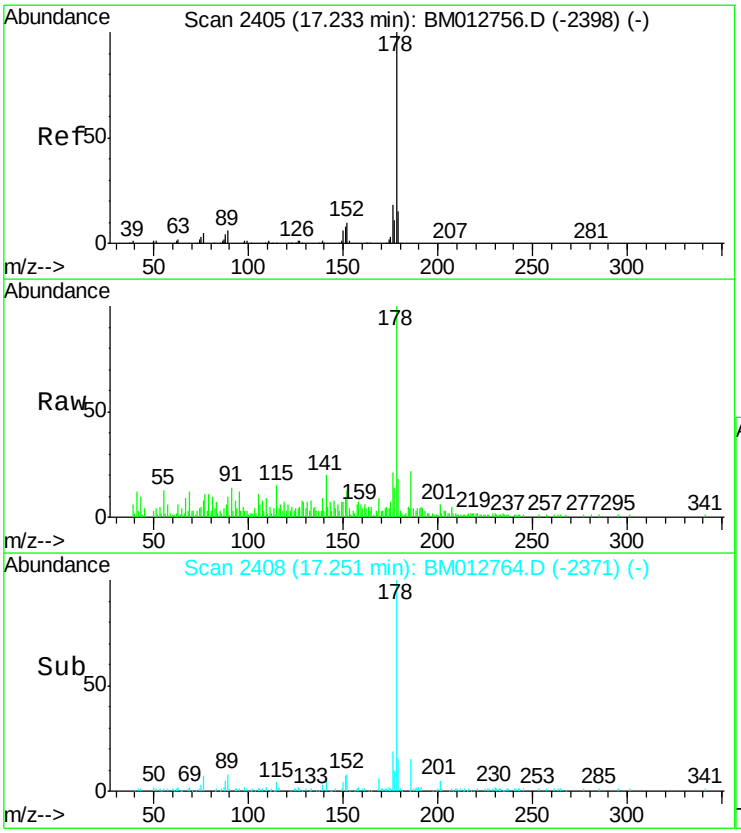
#45
2,6-Dinitrotoluene
Concen: 1.51 ng/ul
RT: 14.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Instrument :
BNA_M
ClientSampleId :
TWP-B-34

Tgt Ion:165 Resp: 9169

Ion	Ratio	Lower	Upper
165	100		
89	70.7	42.4	63.6#
121	79.8	16.6	24.8#

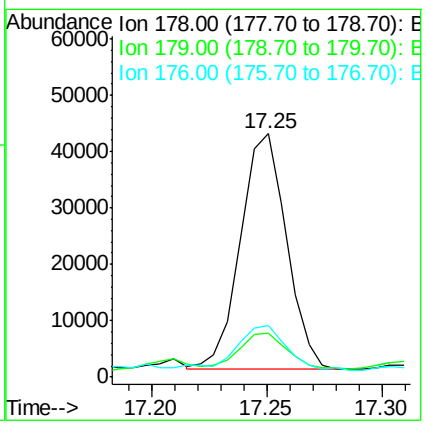


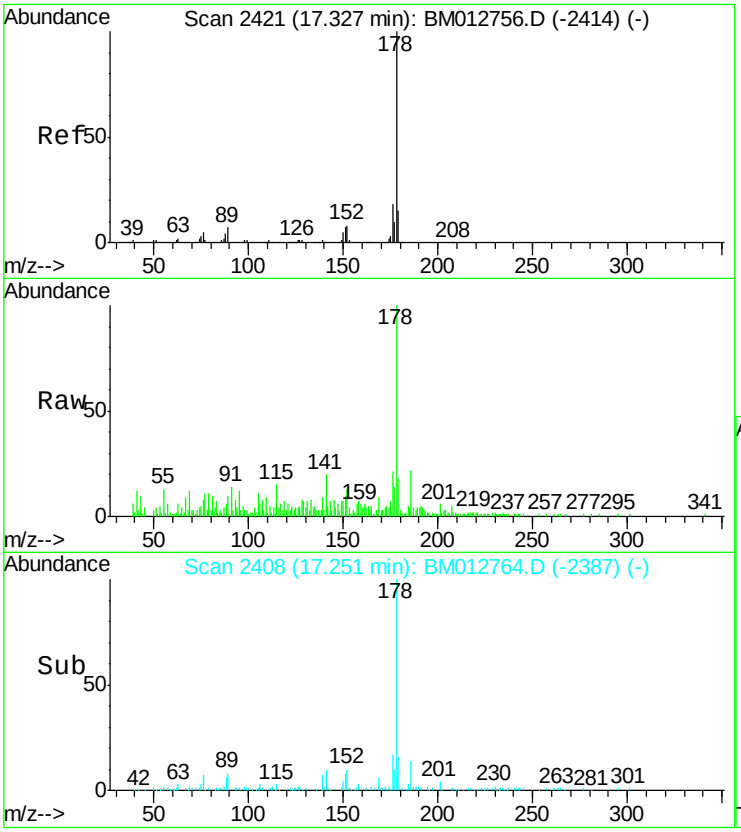


#69
Phenanthrene
Concen: 1.48 ng/ul
RT: 17.25 min Scan# 2408
Delta R.T. 0.02 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Tgt Ion:178 Resp: 58429

Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.2	18.4
176	21.1	15.6	23.4



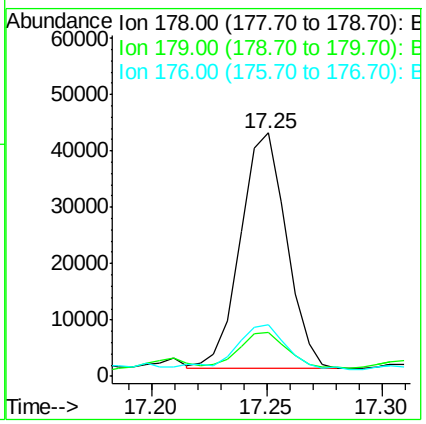


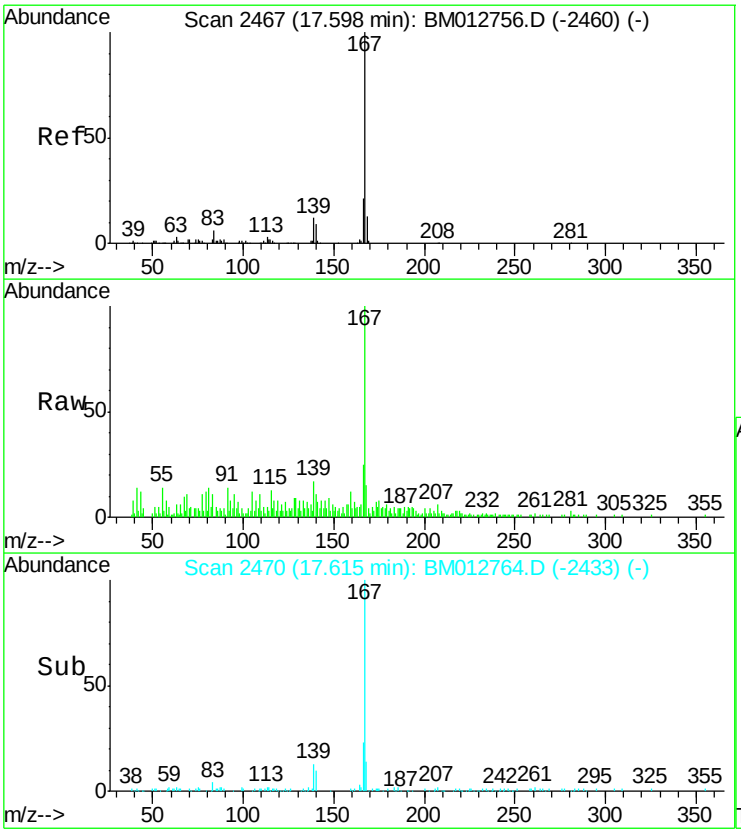
#71
Anthracene
Concen: 1.42 ng/ul
RT: 17.25 min Scan# 2408
Delta R.T. -0.08 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Instrument :
BNA_M
ClientSampleId :
TWP-B-34

Tgt Ion:178 Resp: 58264

Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.1	18.1
176	21.1	14.8	22.2





#74
Carbazole
Concen: 1.43 ng/ul
RT: 17.62 min Scan# 2470
Delta R.T. 0.02 min
Lab File: BM012764.D
Acq: 06 Nov 2017 06:22

Tgt Ion:167 Resp: 48865

Ion	Ratio	Lower	Upper
167	100		
166	24.8	17.0	25.6
139	17.4	11.0	16.4#