Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 13 05:05:28 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	382111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1535559	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	798315	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1466163	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1589686	20.00	ng/ul	0.01
83) Perylene-d12	23.75	264	1773683	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	20441	2.54	ng/uL	0.00
5) Phenol-d5	7.00	99	567926	18.32	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	342951	18.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	487160	18.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	488296	18.29	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	239456	20.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	269869	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	491557	18.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	95243	3.89	ng/ul	0.01
43) Dimethylphthalate-d6	13.89	166	1497793	21.23	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1771511	20.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	148781	14.03	ng/ul	0.02
57) Fluorene-d10	15.48	176	1137725	19.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	63884	6.35	ng/ul	0.02
70) Anthracene-d10	17.33	188	1519615	20.96	ng/ul	0.01
76) Pyrene-d10	19.63	212	1587793	19.68	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.60	264	1794413	20.99	ng/ul	0.03
Target Compounds						Qvalue
4) Benzaldehyde	6.98	77	21456	1.036	ng/ul#	63
6) Phenol	7.03	94	36225	1.130	ng/ul	94
14) Acetophenone	8.66	105	112937	2.784	ng/ul	90
17) Hexachloroethane	8.93	117	17601	1.554	ng/ul#	1
28) Naphthalene	10.69	128	123200	1.551	ng/ul	97
44) Dimethylphthalate	13.94	163	577569	8.171	ng/ul	99
69) Phenanthrene	17.27	178	583357	6.994	ng/ul	99
71) Anthracene	17.27	178	583357	6.756	ng/ul	97
74) Fluoranthene	19.29	202	1341684	13.330	ng/ul#	71
77) Pyrene	19.66	202	1144155	10.898	ng/ul#	90
80) Benzo(a)anthracene	21.40	228	748824	7.239	ng/ul#	88
81) Bis(2-ethylhexyl)phthalate	21.31	149	709831	10.122	ng/ul	99
82) Chrysene	21.45	228	805739	8.297	ng/ul#	89
85) Benzo(b)fluoranthene	23.04	252	1190849	10.288	ng/ul#	79
86) Benzo(k)fluoranthene	23.04	252	1190849	10.676	ng/ul#	77
88) Benzo(a)pyrene	23.64	252	742910	6.810	ng/ul#	74
89) Indeno(1,2,3-cd)pyrene	26.14	276	554861	4.789	ng/ul#	78
90) Dibenzo(a,h)anthracene	26.14	278	156413	1.606	ng/ul#	2
91) Benzo(g,h,i)perylene	26.89	276	566566	5.971	ng/ul#	75

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 13 05:05:28 2017
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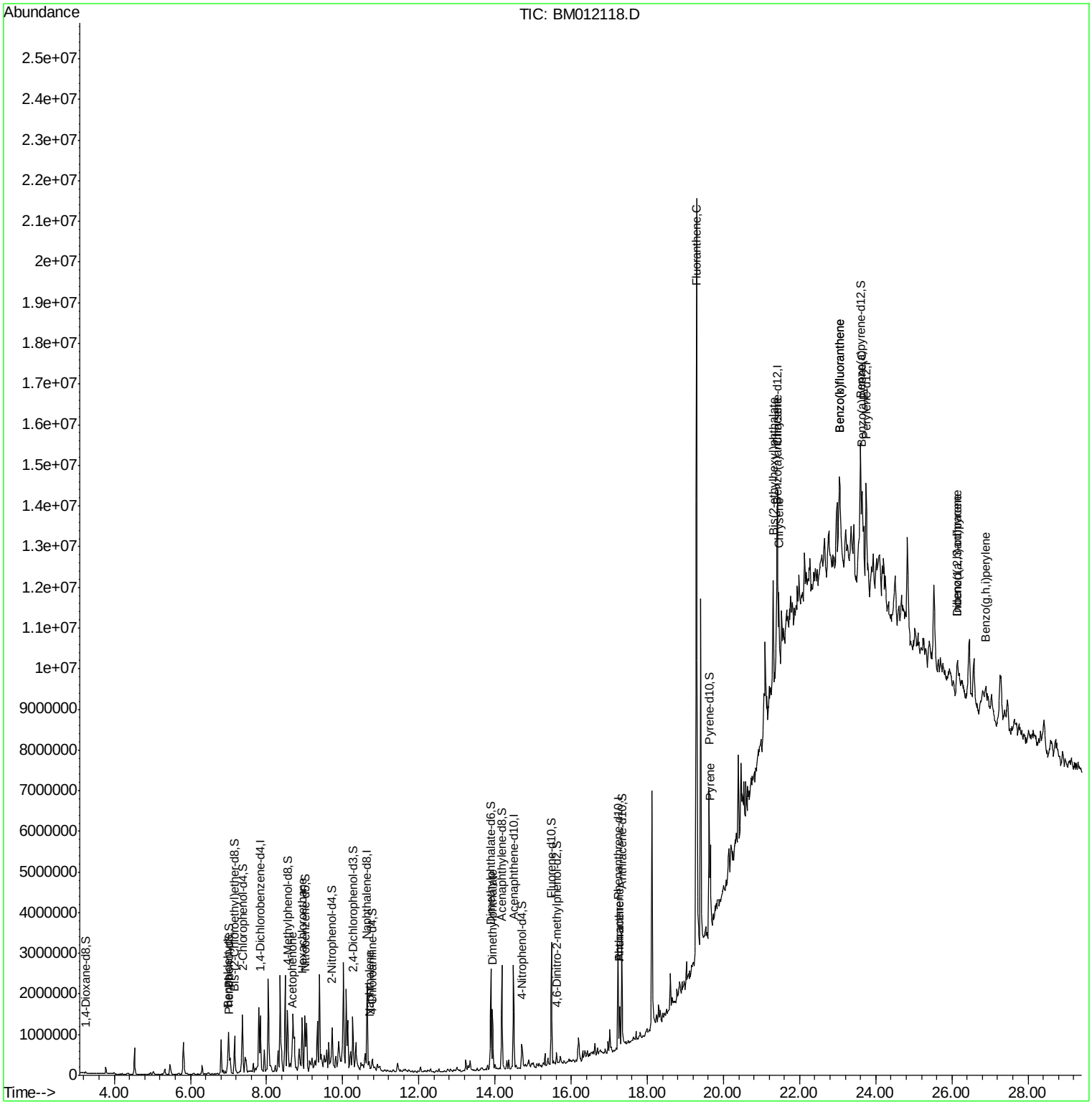
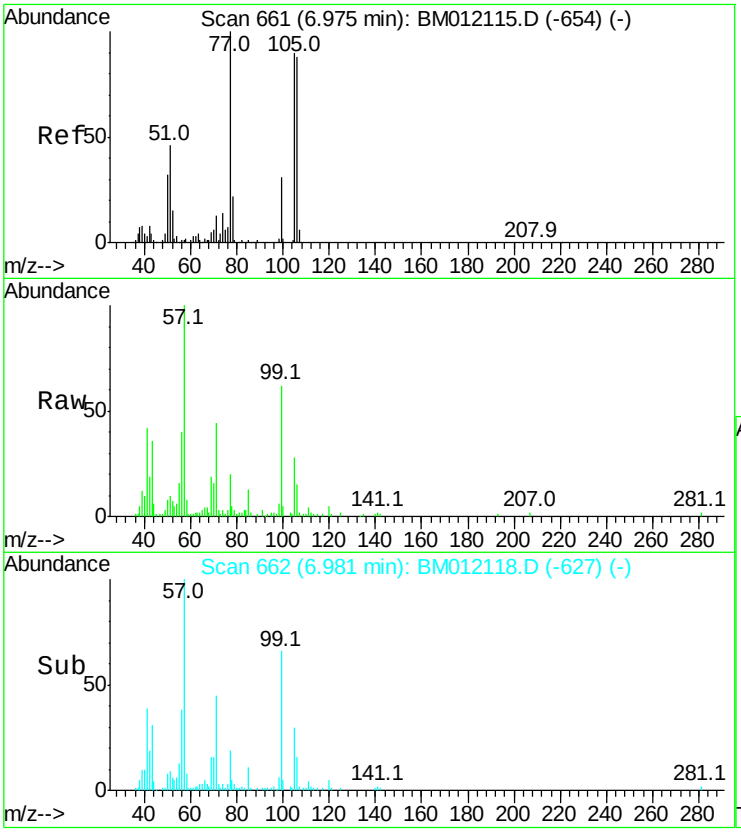
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



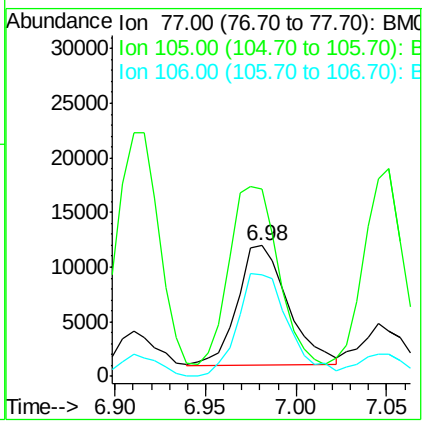


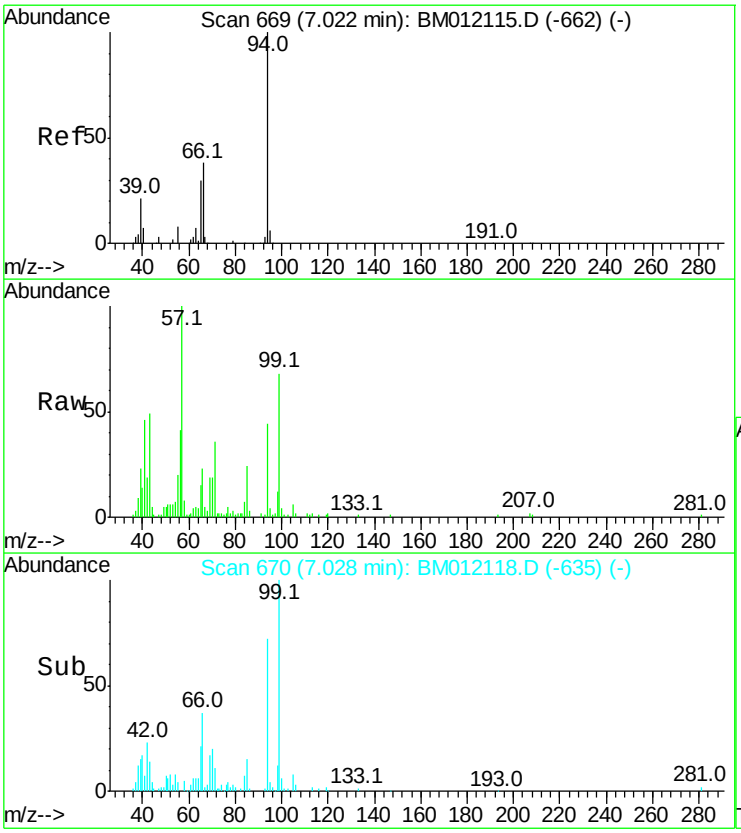
#4
Benzaldehyde
Concen: 1.036 ng/ul
RT: 6.98 min Scan# 662
Delta R.T. 0.01 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 21456

Ion	Ratio	Lower	Upper
77	100		
105	143.5	66.1	99.1#
106	77.6	67.8	101.6

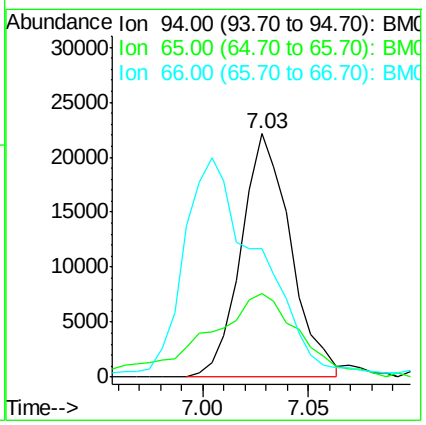


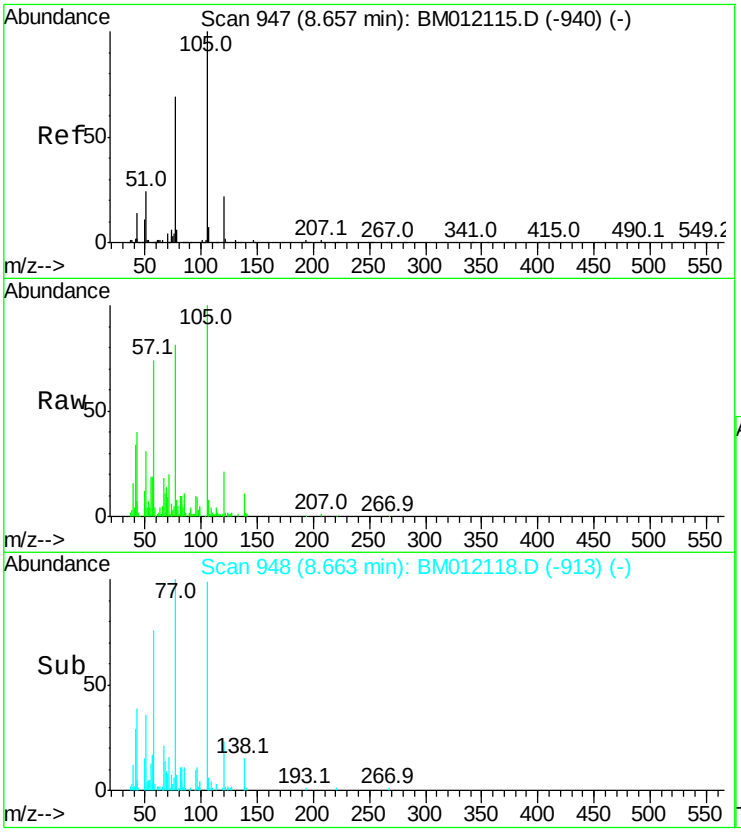


#6
Phenol
Concen: 1.130 ng/ul
RT: 7.03 min Scan# 670
Delta R.T. 0.01 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Tgt Ion: 94 Resp: 36225

Ion	Ratio	Lower	Upper
94	100		
65	34.3	28.2	42.4
66	52.9	47.2	70.8



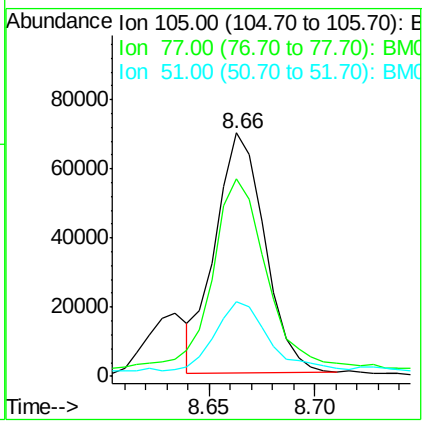


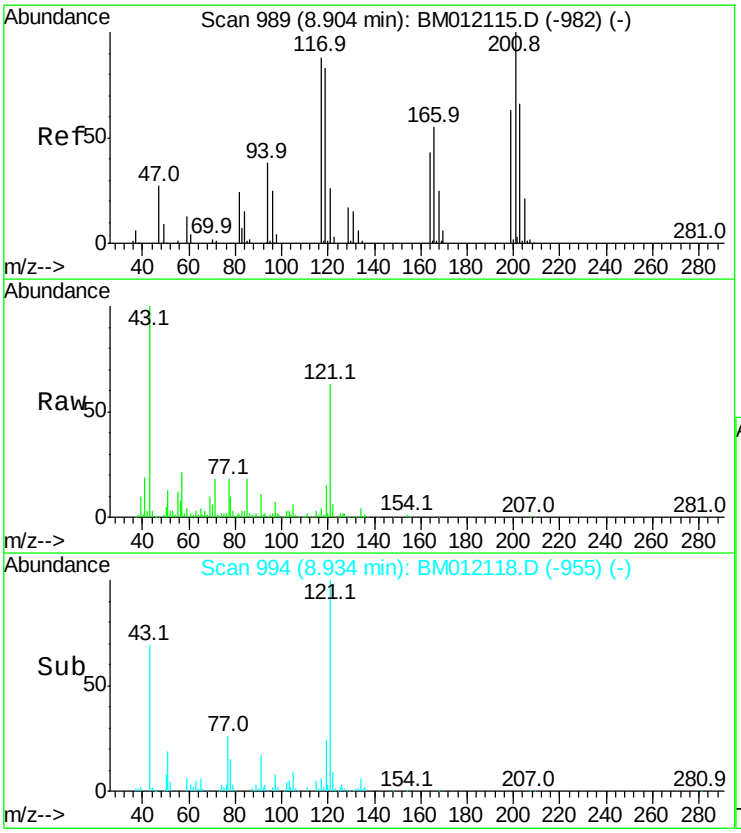
#14
Acetophenone
Concen: 2.784 ng/ul
RT: 8.66 min Scan# 948
Delta R.T. 0.01 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 112937

Ion	Ratio	Lower	Upper
105	100		
77	81.4	74.2	111.4
51	30.6	23.4	35.2

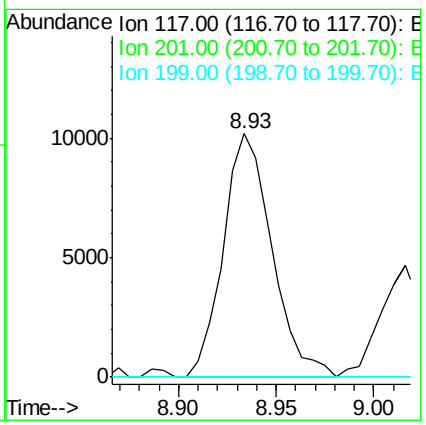


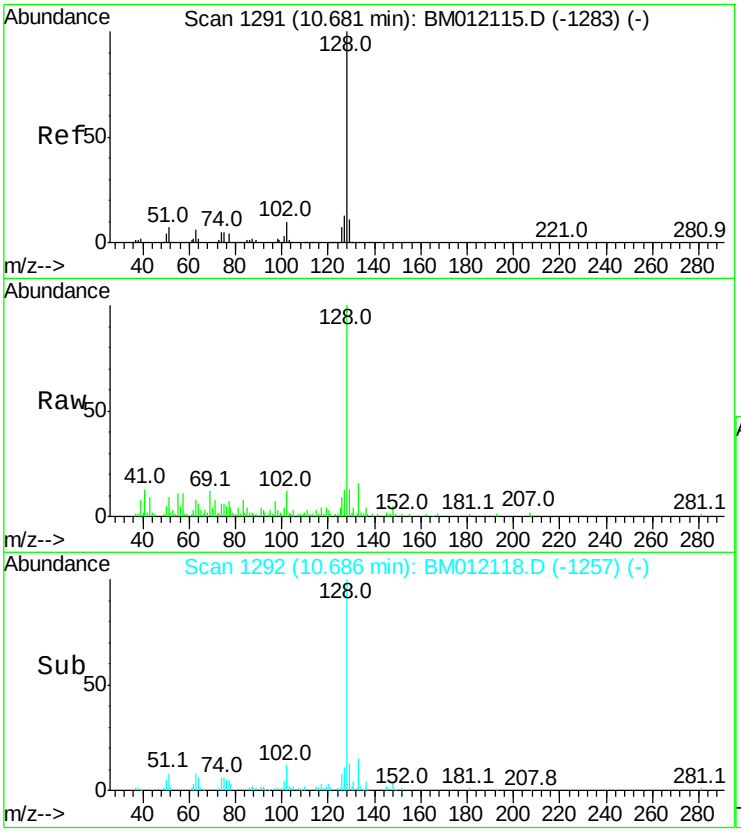


#17
Hexachloroethane
Concen: 1.554 ng/ul
RT: 8.93 min Scan# 994
Delta R.T. 0.03 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Tgt Ion:117 Resp: 17601

Ion	Ratio	Lower	Upper
117	100		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#



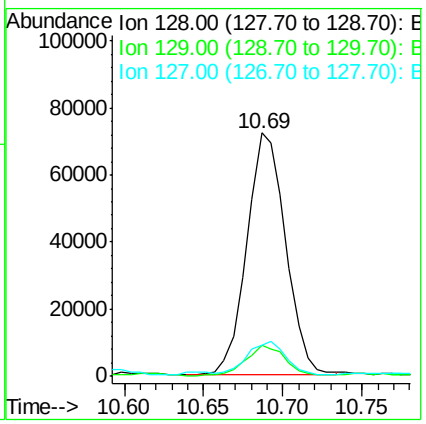


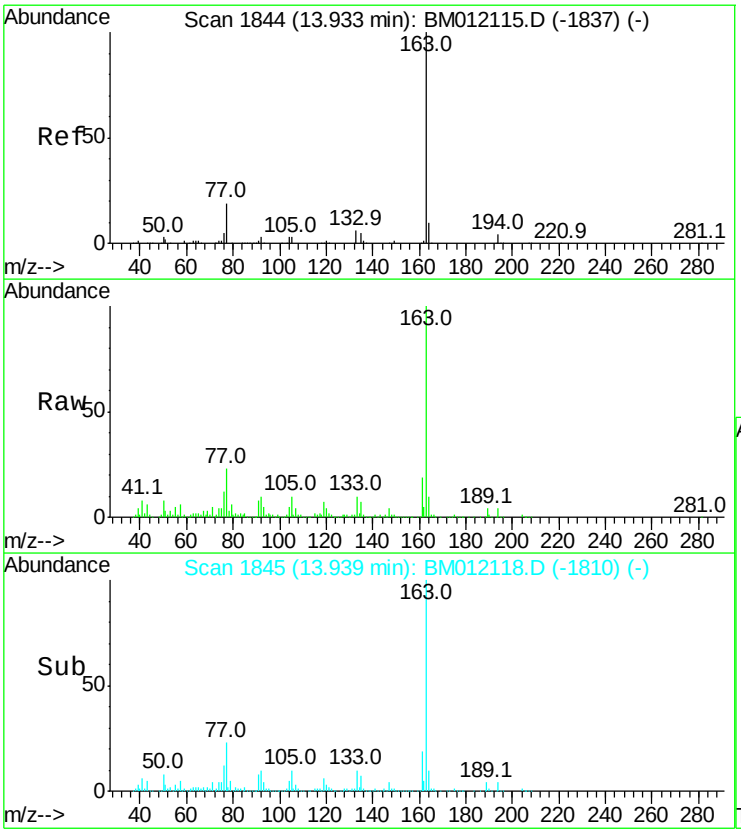
#28
Naphthalene
Concen: 1.551 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 123200

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.8	13.2
127	13.0	10.6	16.0

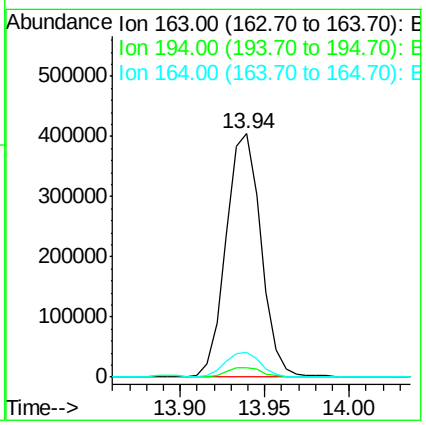


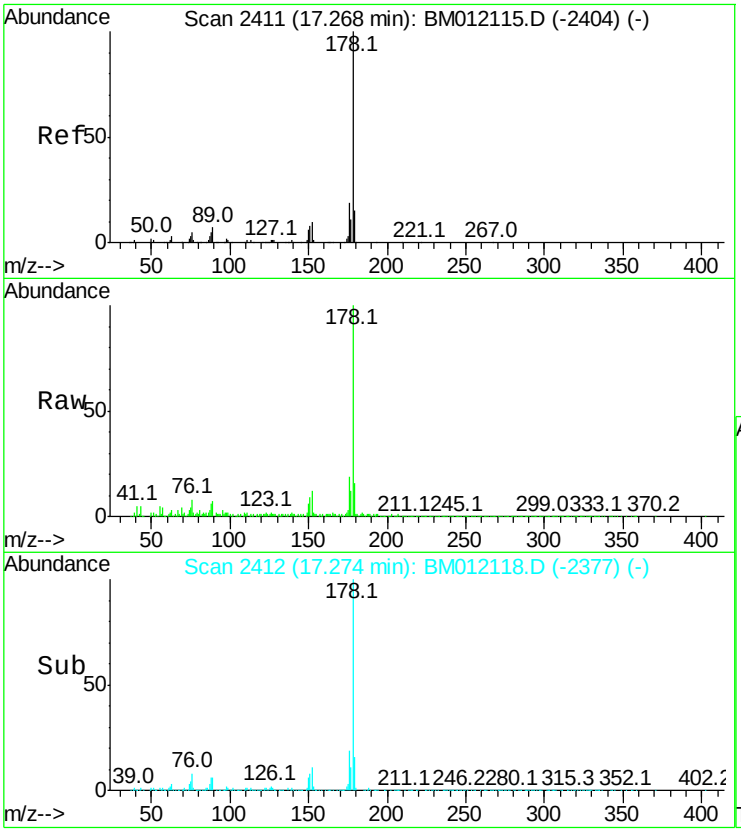


#44
Dimethylphthalate
Concen: 8.171 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Tgt Ion:163 Resp: 577569

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.1	8.2	12.4



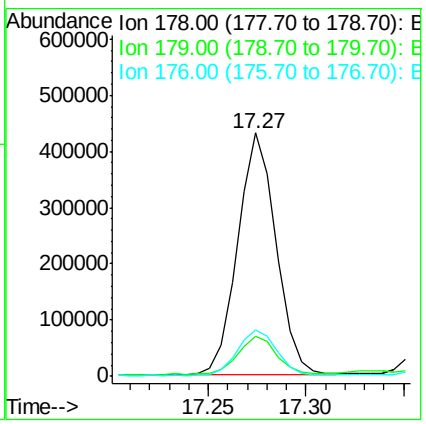


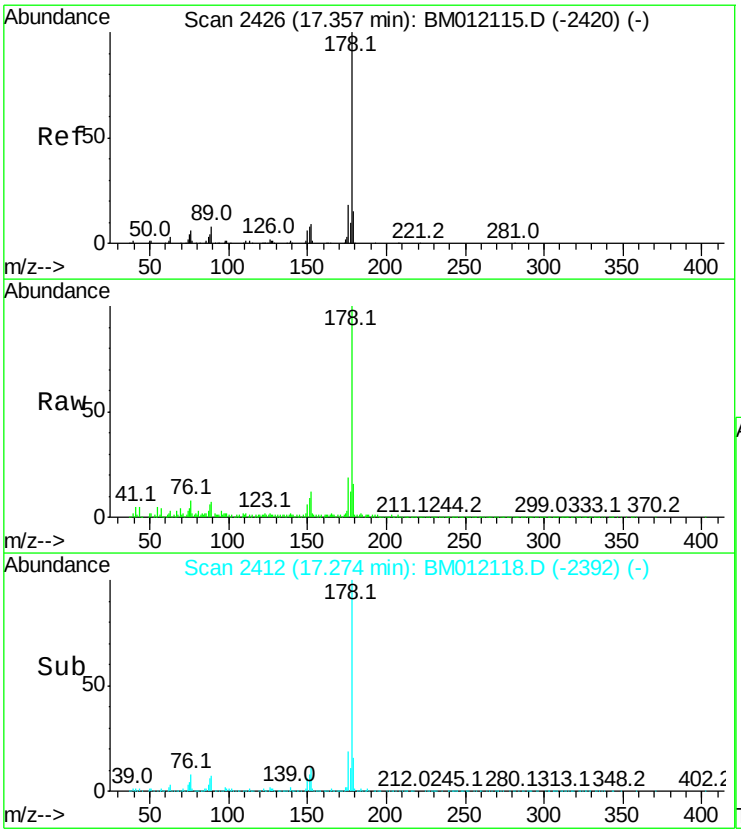
#69
Phenanthrene
Concen: 6.994 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 583357

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	19.0	14.9	22.3

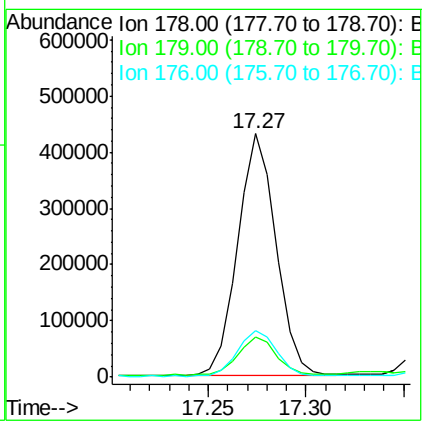


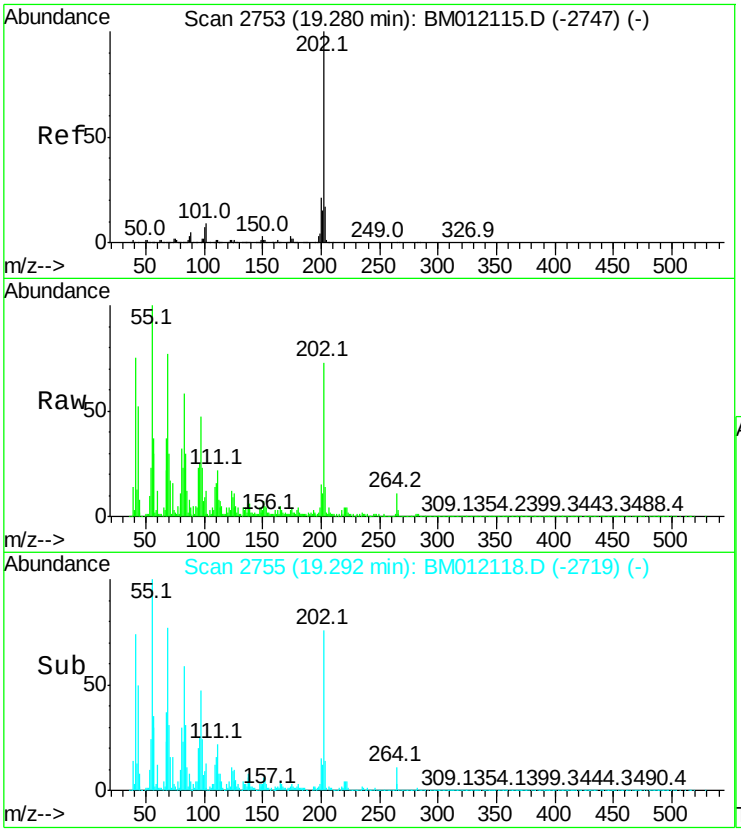


#71
Anthracene
Concen: 6.756 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.08 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Tgt Ion:178 Resp: 583357

Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.7	17.5
176	19.0	14.6	21.8



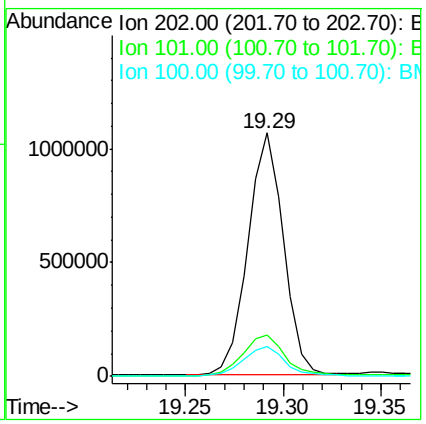


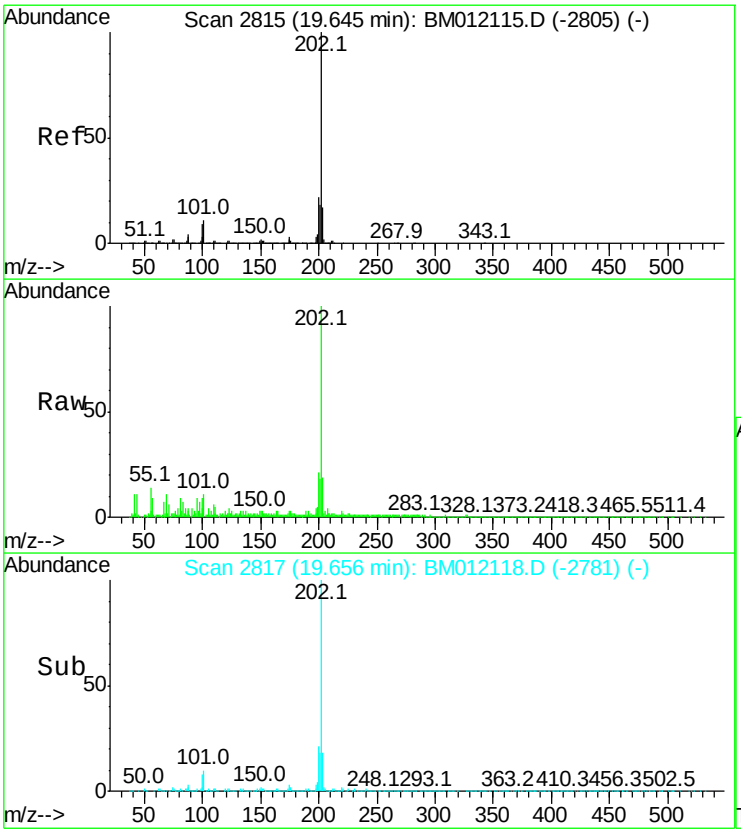
#74
Fluoranthene
Concen: 13.330 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.01 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1341684

Ion	Ratio	Lower	Upper
202	100		
101	16.8	4.6	7.0#
100	12.5	3.4	5.2#

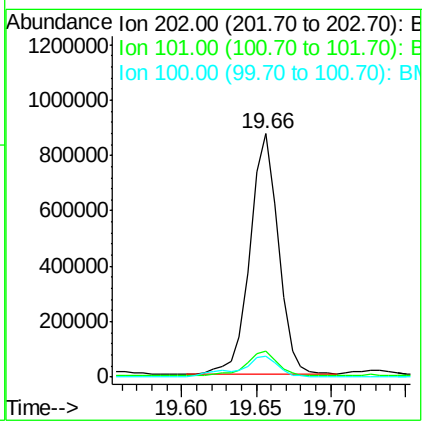


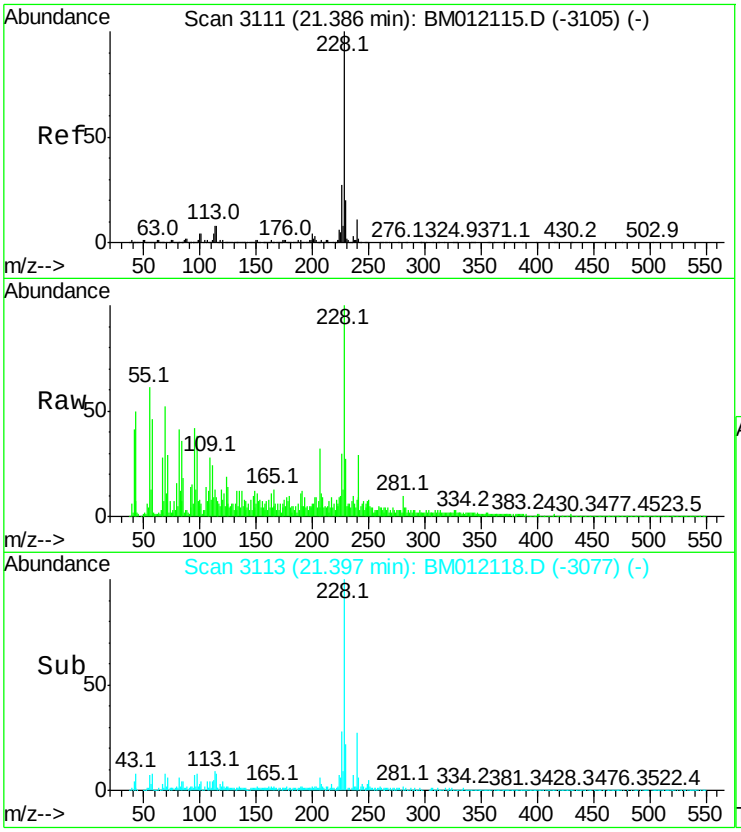


#77
Pyrene
Concen: 10.898 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.01 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Tgt Ion:202 Resp: 1144155

Ion	Ratio	Lower	Upper
202	100		
101	10.8	5.1	7.7#
100	8.5	4.9	7.3#



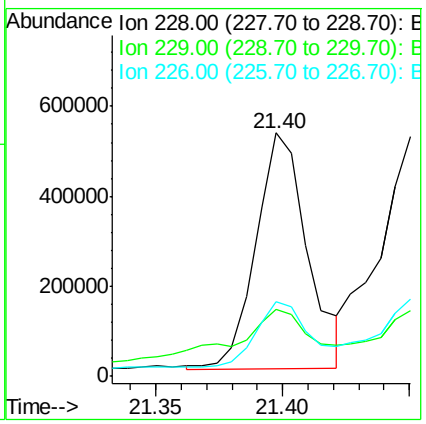


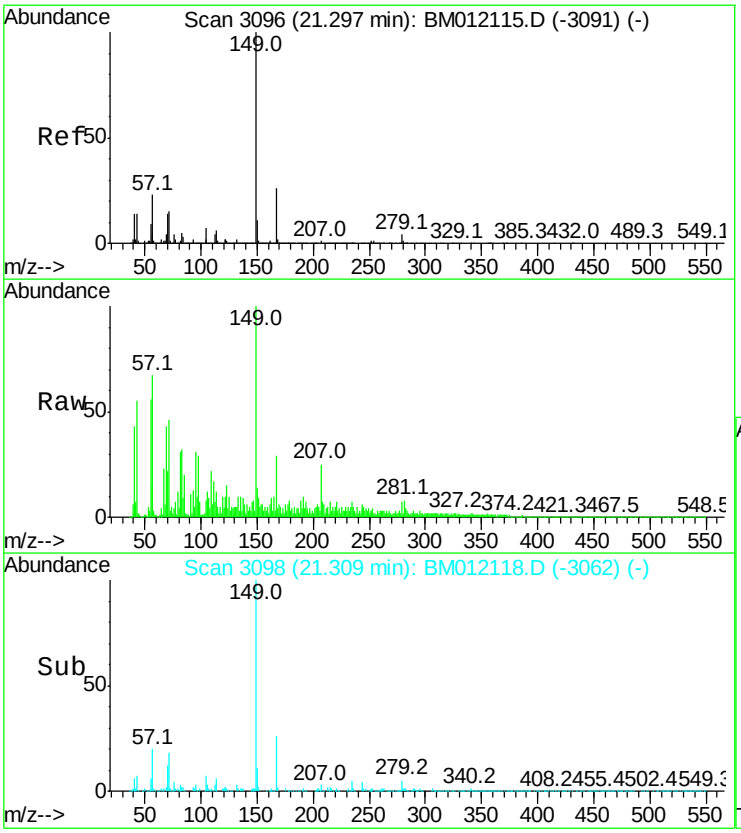
#80
Benzo(a)anthracene
Concen: 7.239 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.01 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 748824

Ion	Ratio	Lower	Upper
228	100		
229	27.4	15.4	23.0#
226	30.4	21.4	32.0

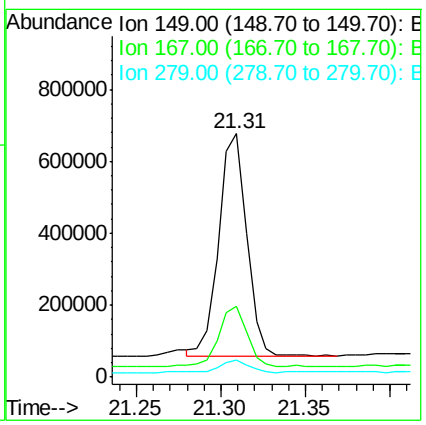


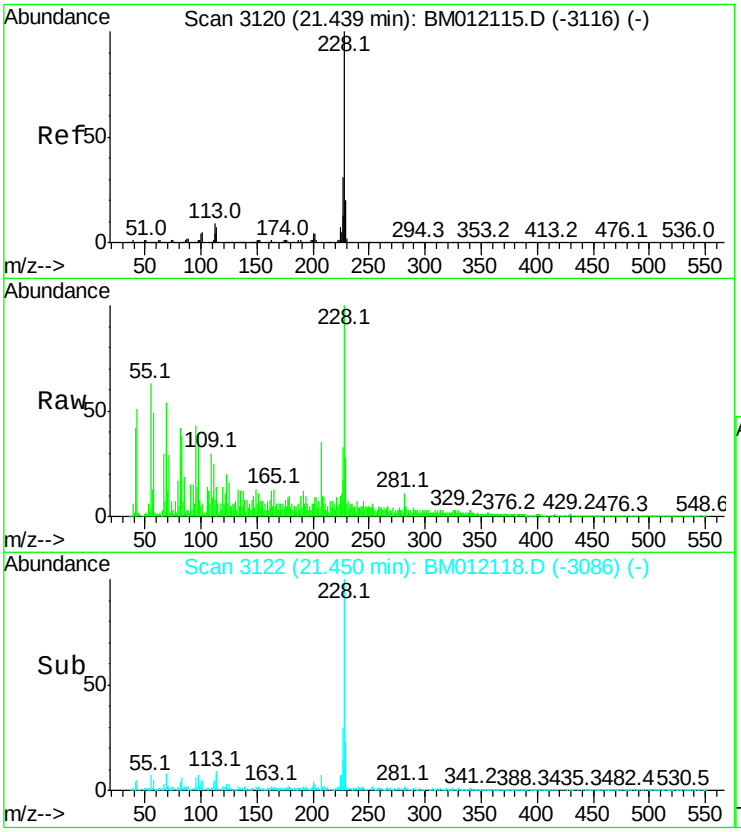


#81
Bis(2-ethylhexyl)phthalate
Concen: 10.122 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Tgt Ion:149 Resp: 709831

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.8	34.2
279	6.8	4.9	7.3



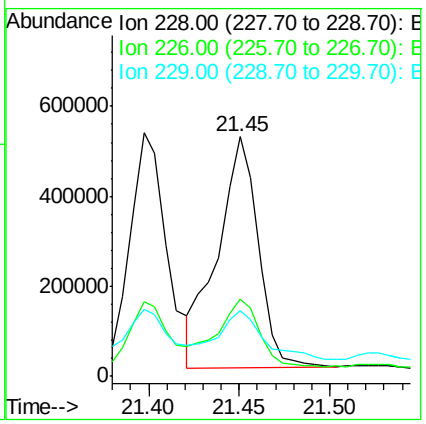


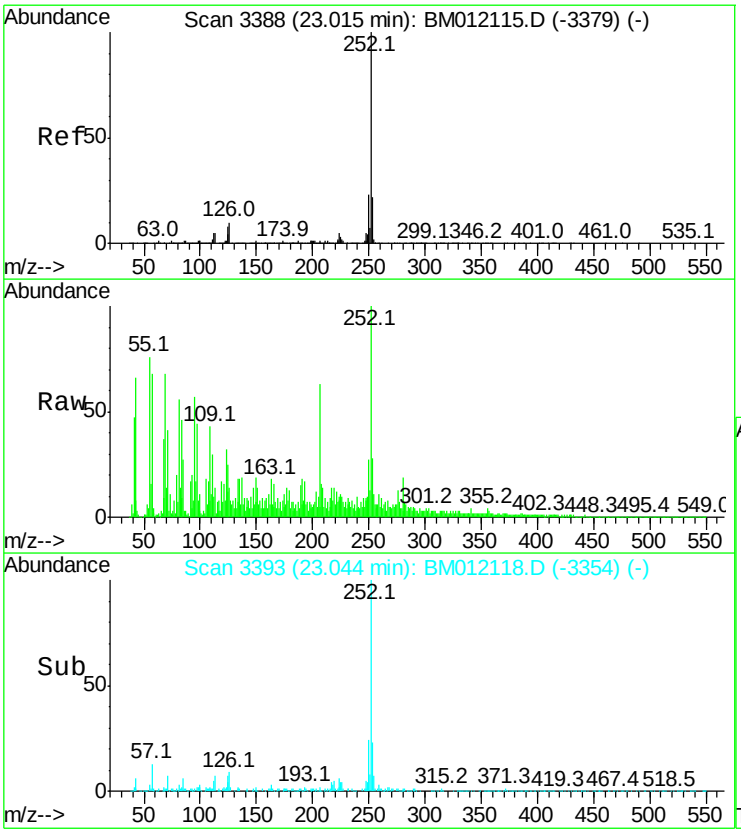
#82
Chrysene
Concen: 8.297 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.01 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 805739

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.4	35.2
229	27.7	15.5	23.3#

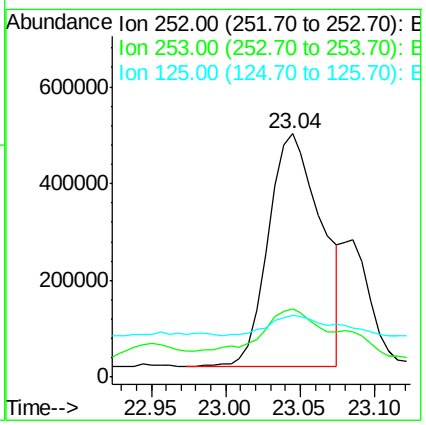


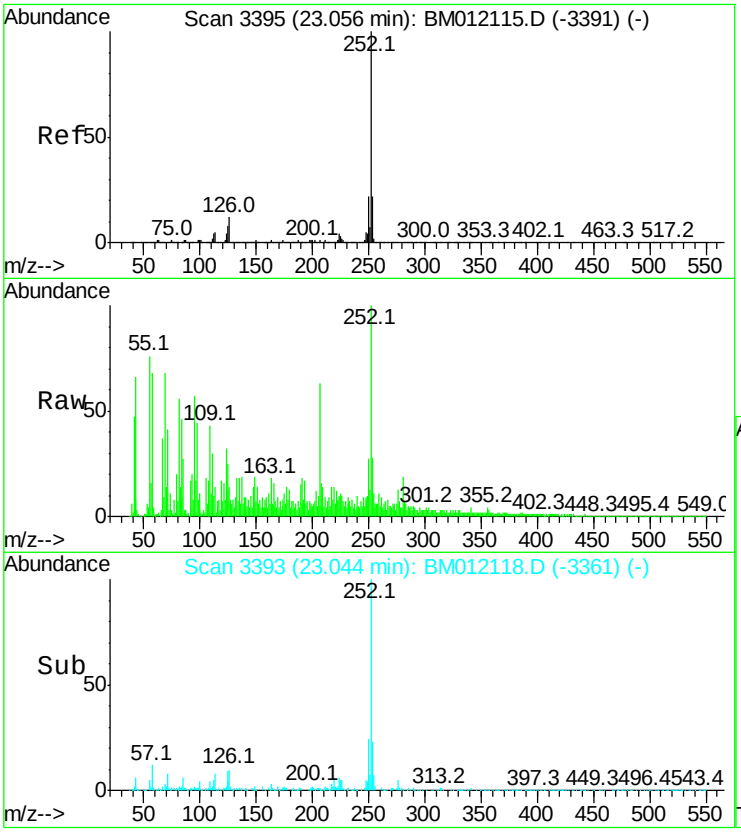


#85
Benzo(b)fluoranthene
Concen: 10.288 ng/ul
RT: 23.04 min Scan# 3393
Delta R.T. 0.03 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Tgt Ion:252 Resp: 1190849

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.9	26.9#
125	25.3	3.6	5.4#



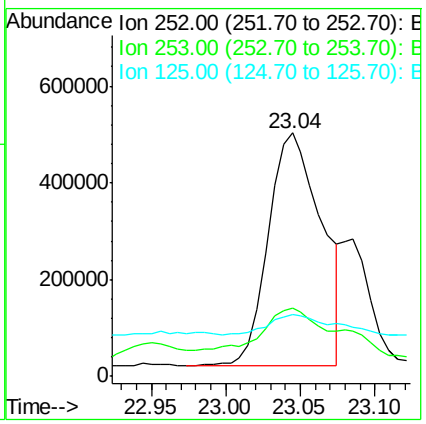


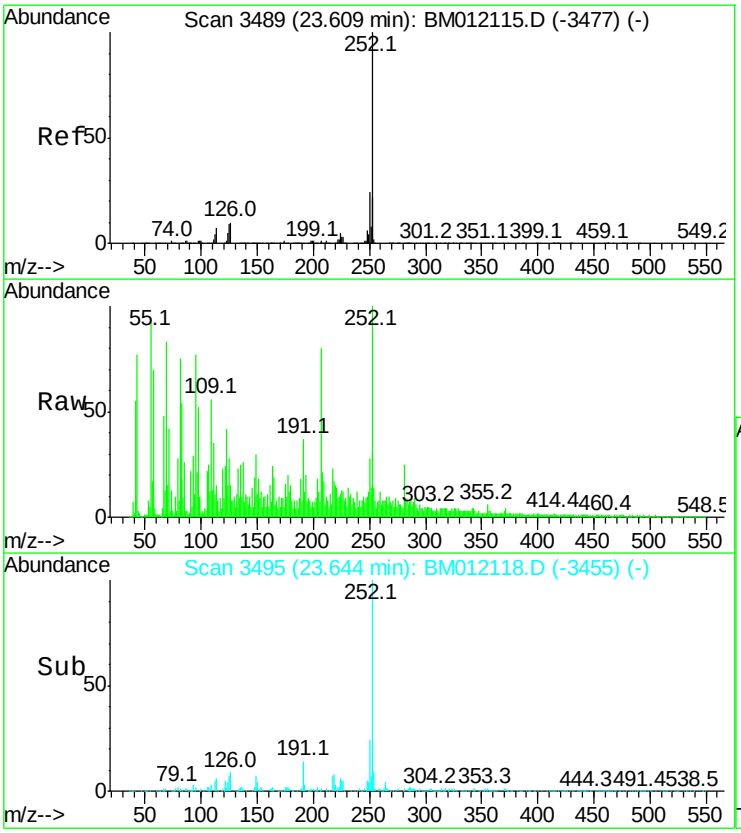
#86
Benzo(k)fluoranthene
Concen: 10.676 ng/ul
RT: 23.04 min Scan# 3393
Delta R.T. -0.01 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1190849

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.1	25.7#
125	25.3	3.4	5.2#

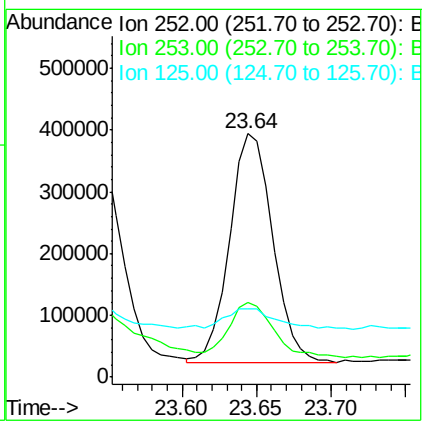


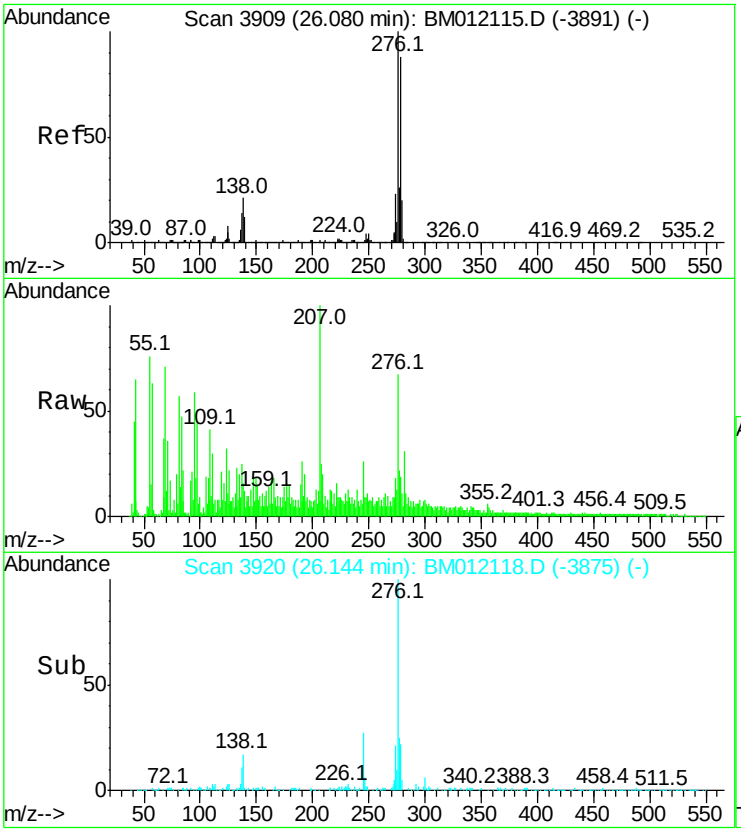


#88
Benzo(a)pyrene
Concen: 6.810 ng/ul
RT: 23.64 min Scan# 3495
Delta R.T. 0.04 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Tgt Ion:252 Resp: 742910

Ion	Ratio	Lower	Upper
252	100		
253	30.8	18.2	27.2#
125	28.3	4.0	6.0#



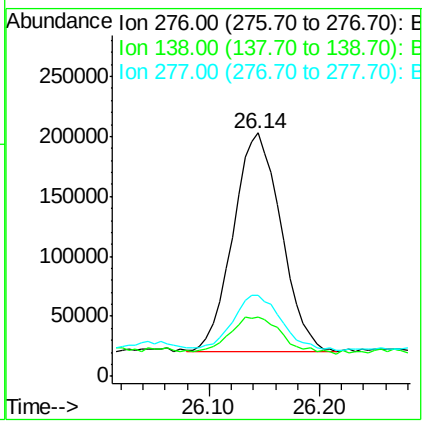


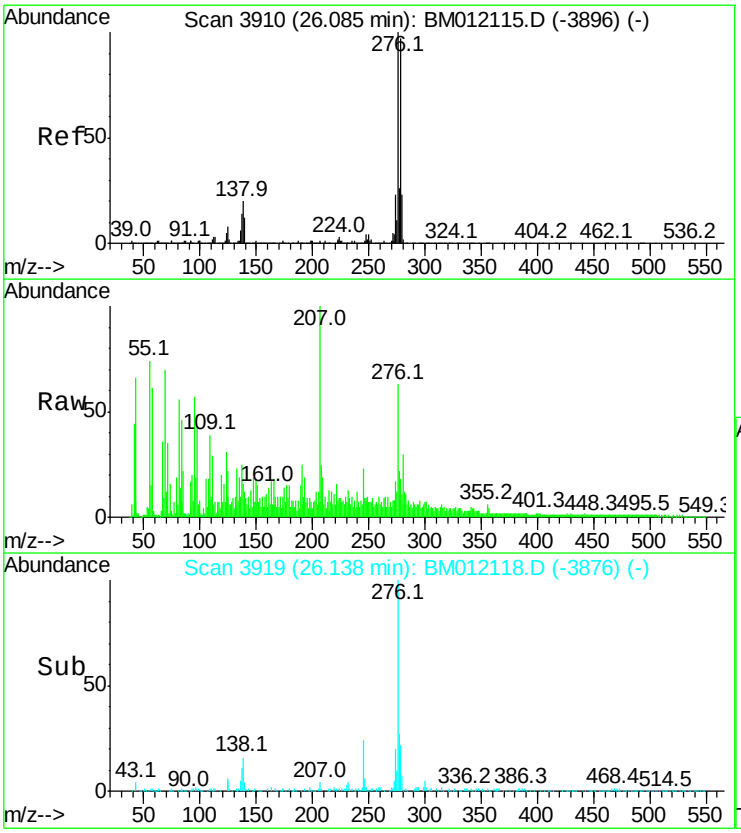
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.789 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. 0.06 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 554861

Ion	Ratio	Lower	Upper
276	100		
138	24.2	9.3	13.9#
277	33.3	19.9	29.9#

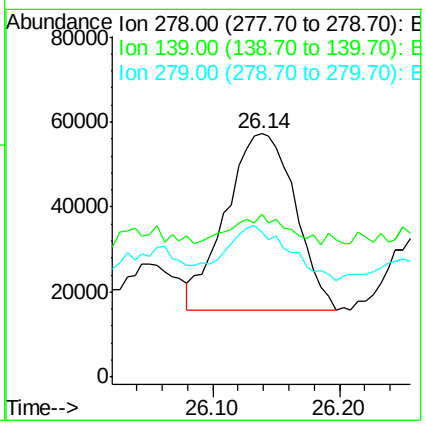


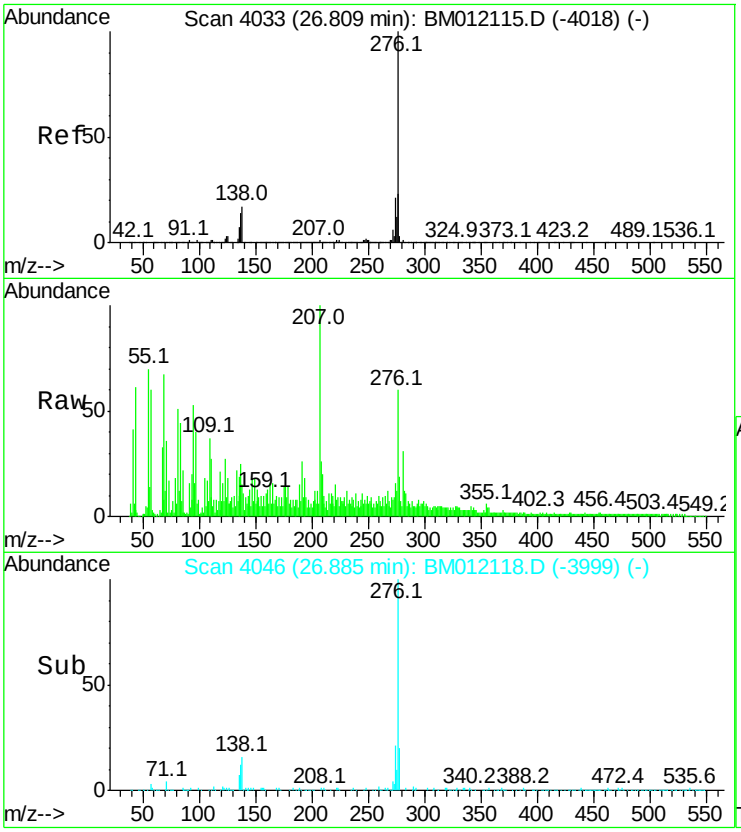


#90
Dibenzo(a,h)anthracene
Concen: 1.606 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. 0.05 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Tgt Ion:278 Resp: 156413

Ion	Ratio	Lower	Upper
278	100		
139	66.8	5.8	8.8#
279	59.8	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 5.971 ng/ul
RT: 26.89 min Scan# 4046
Delta R.T. 0.08 min
Lab File: BM012118.D
Acq: 13 Oct 2017 02:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 566566

Ion	Ratio	Lower	Upper
276	100		
138	25.2	8.5	12.7#
277	32.2	18.6	28.0#