Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 13 03:08:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 03:06:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	210789	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	943703	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	586349	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1361428	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1509597	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1431746	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	28459	6.42	ng/uL	0.00
5) Phenol-d5	7.00	99	151999	8.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	385680	37.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	450768	31.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	312601	21.23	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	288652	40.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	329346	39.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	571724	35.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	80174	5.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2084253	40.22	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2476349	39.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	57592	7.39	ng/ul	0.00
57) Fluorene-d10	15.47	176	1718072	40.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	332254	35.56	ng/ul	0.00
70) Anthracene-d10	17.33	188	2732031	40.58	ng/ul	0.00
76) Pyrene-d10	19.62	212	3129956	40.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2855683	41.37	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.93	117	10366	1.659	ng/ul#	1
28) Naphthalene	10.68	128	485864	9.951	ng/ul	100
40) 1,1'-Biphenyl	13.31	154	3886414	78.536	ng/ul	99
47) Acenaphthylene	14.20	152	225363	3.658	ng/ul#	88
49) Acenaphthene	14.55	153	5785421	139.434	ng/ul	99
53) Dibenzofuran	14.89	168	9458826	158.318	ng/ul	99
58) Fluorene	15.53	166	1354235	27.293	ng/ul#	99
60) 4-Nitroaniline	15.53	138	16795	1.696	ng/ul#	17
69) Phenanthrene	17.27	178	3301636	42.630	ng/ul	99
71) Anthracene	17.36	178	563327	7.026	ng/ul	99
72) Carbazole	17.64	167	6379039	94.006	ng/ul	98
74) Fluoranthene	19.28	202	753631	8.063	ng/ul#	90
77) Pyrene	19.64	202	384295	3.855	ng/ul#	88

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

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 03:06:26 2017
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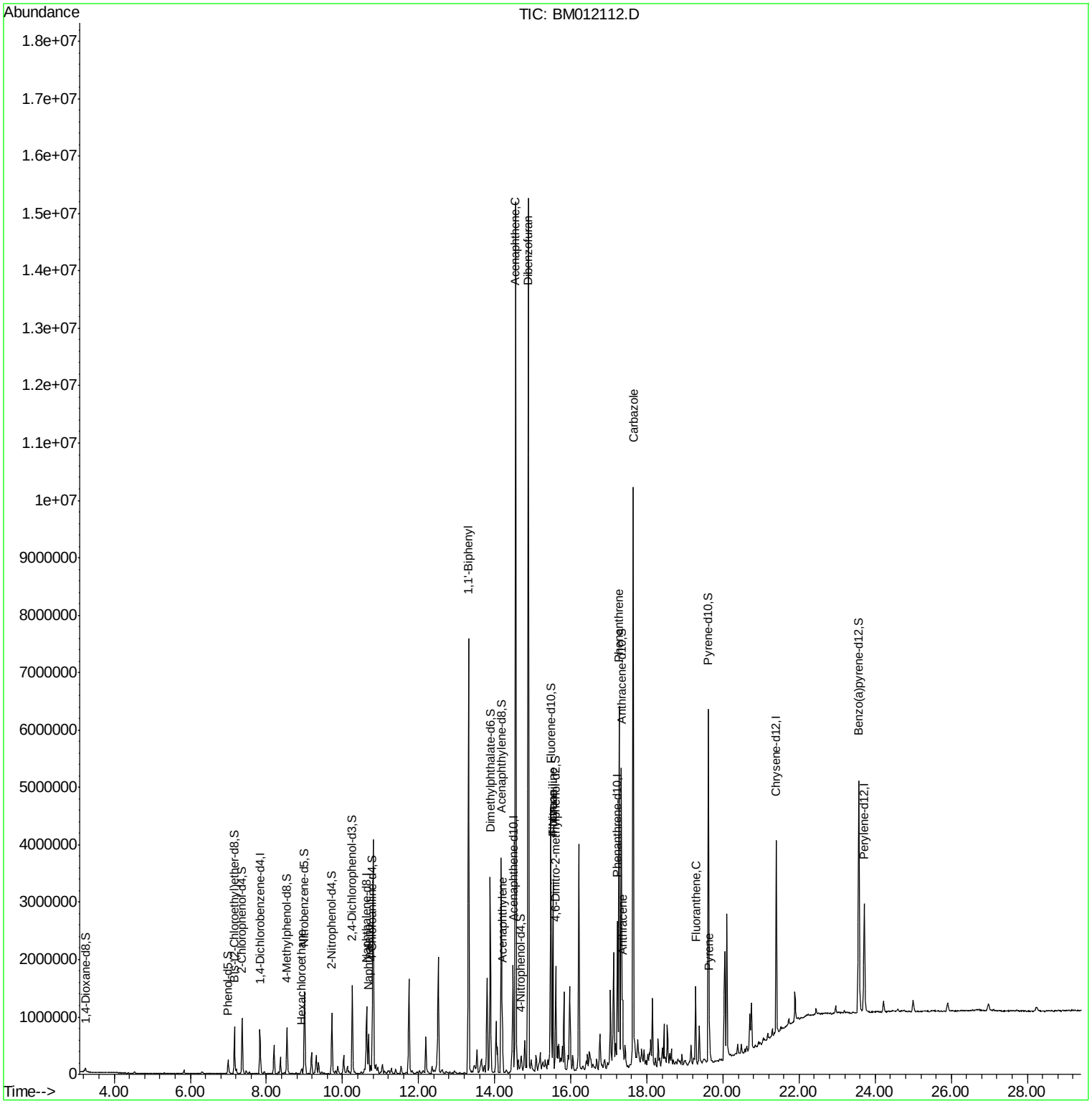
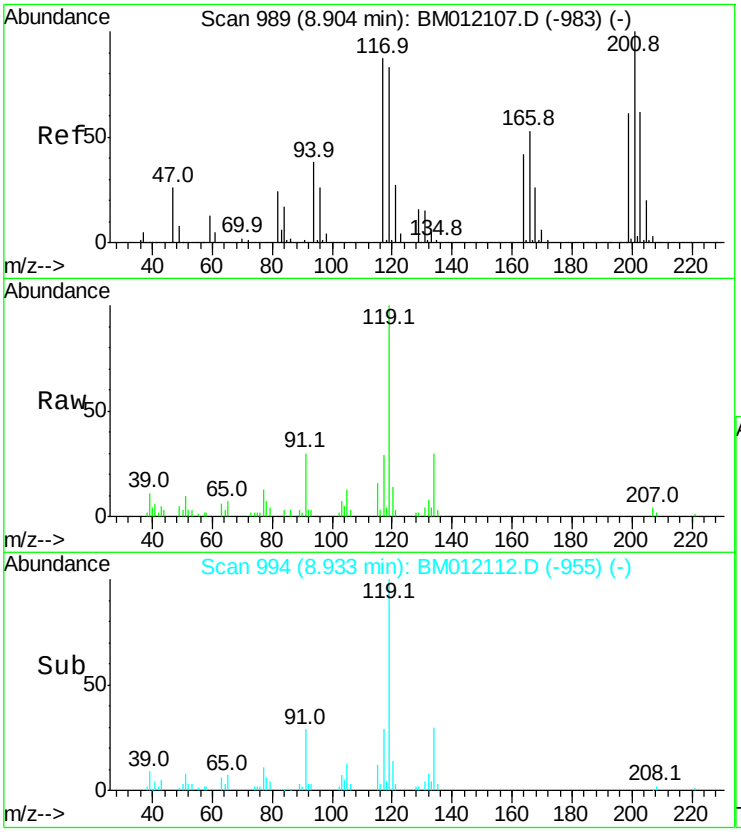


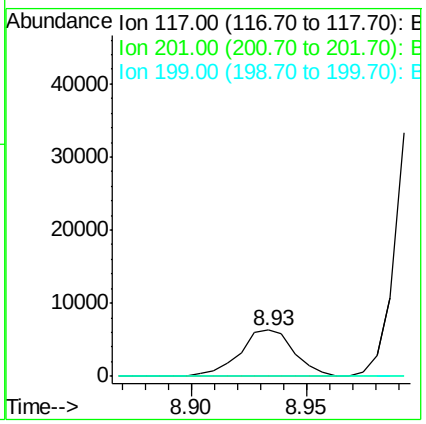


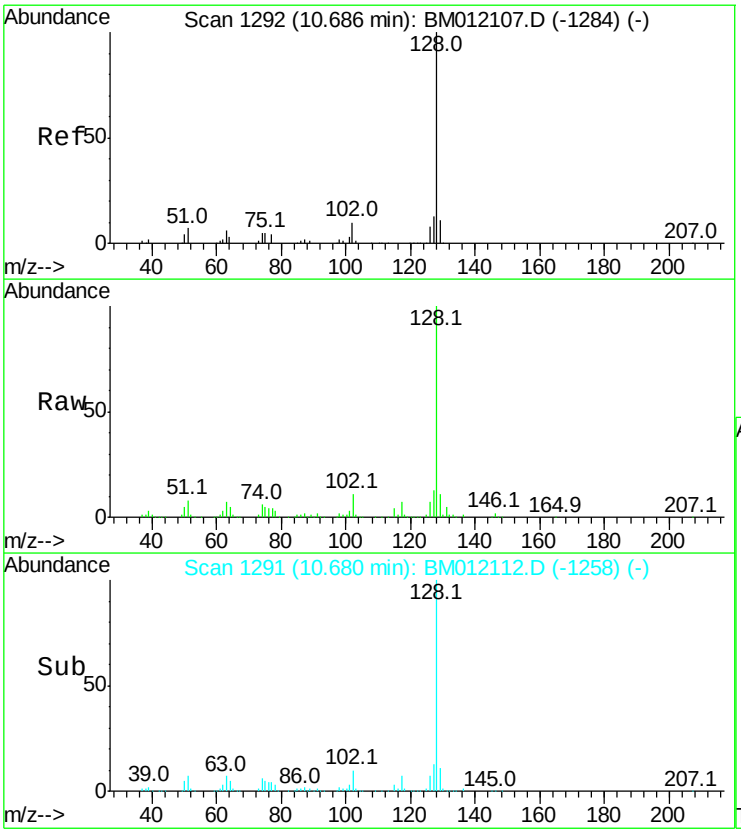
#17
Hexachloroethane
Concen: 1.659 ng/ul
RT: 8.93 min Scan# 994
Delta R.T. 0.03 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 10366

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

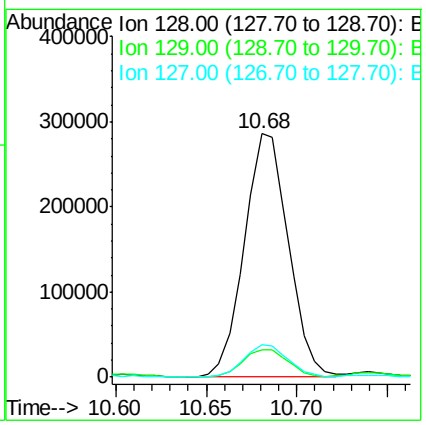


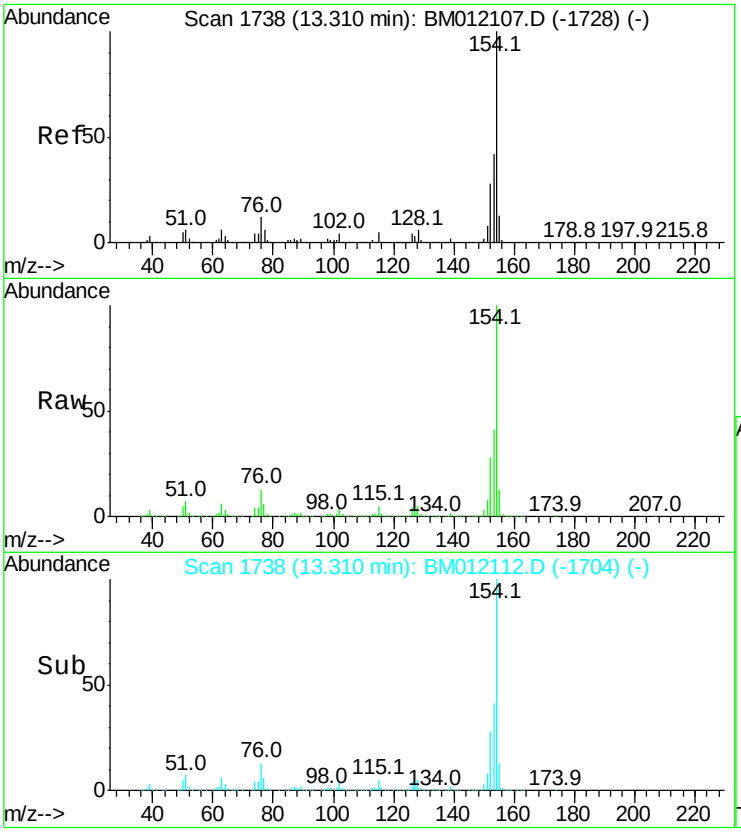


#28
Naphthalene
Concen: 9.951 ng/ul
RT: 10.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Tgt Ion:128 Resp: 485864

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.4	10.6	16.0



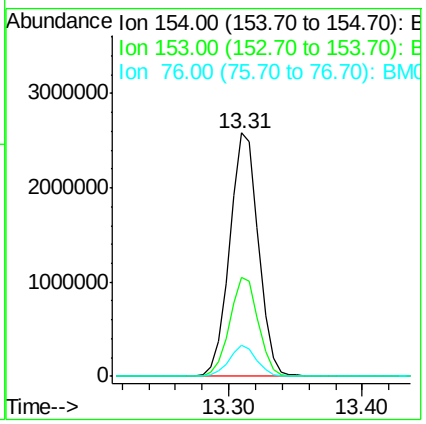


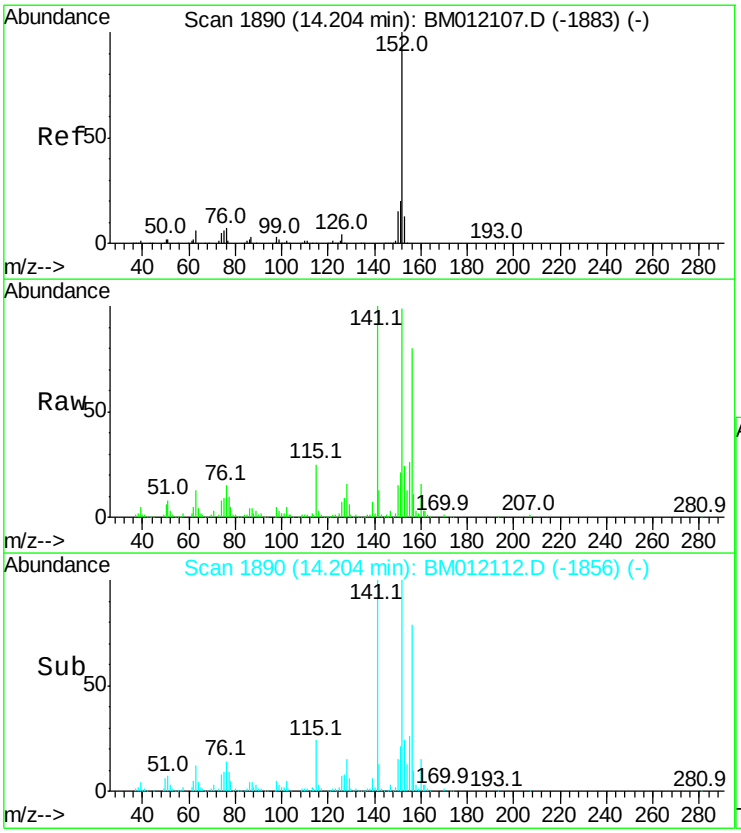
#40
1,1'-Biphenyl
Concen: 78.536 ng/ul
RT: 13.31 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 3886414

Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.6	48.8
76	12.6	8.5	12.7

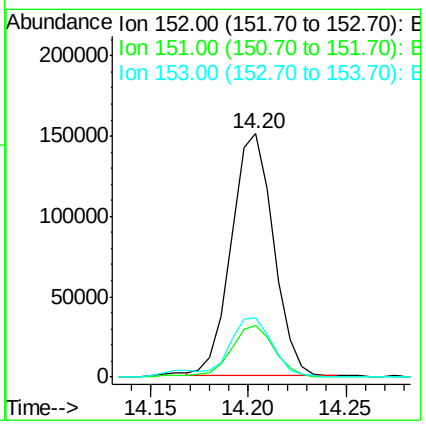


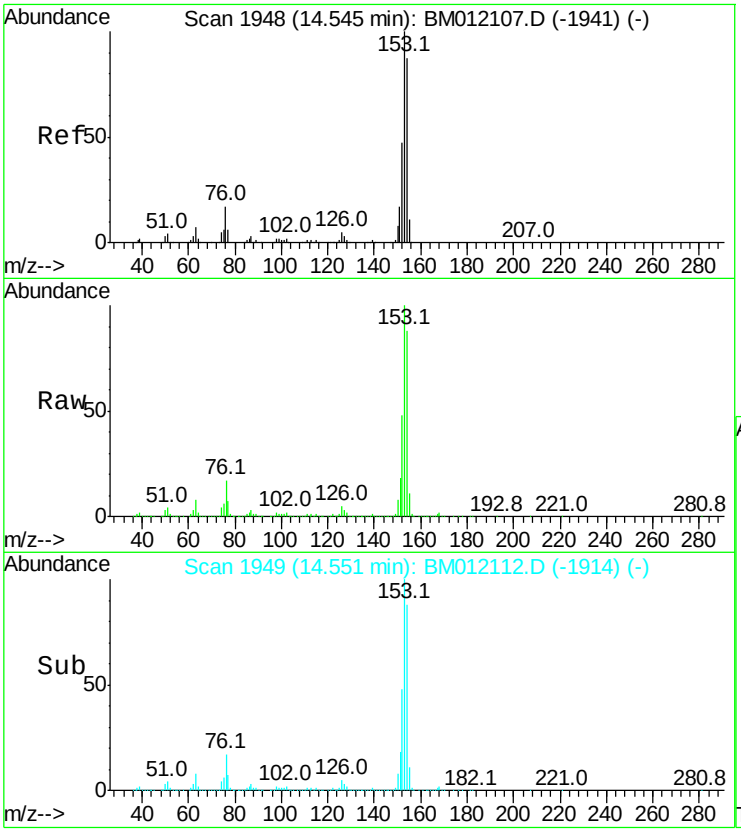


#47
Acenaphthylene
Concen: 3.658 ng/ul
RT: 14.20 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Tgt Ion:152 Resp: 225363

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	24.5	10.2	15.4#



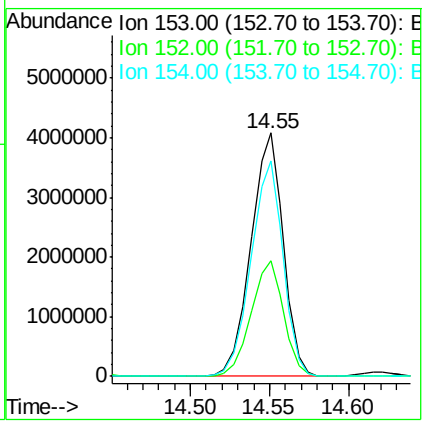


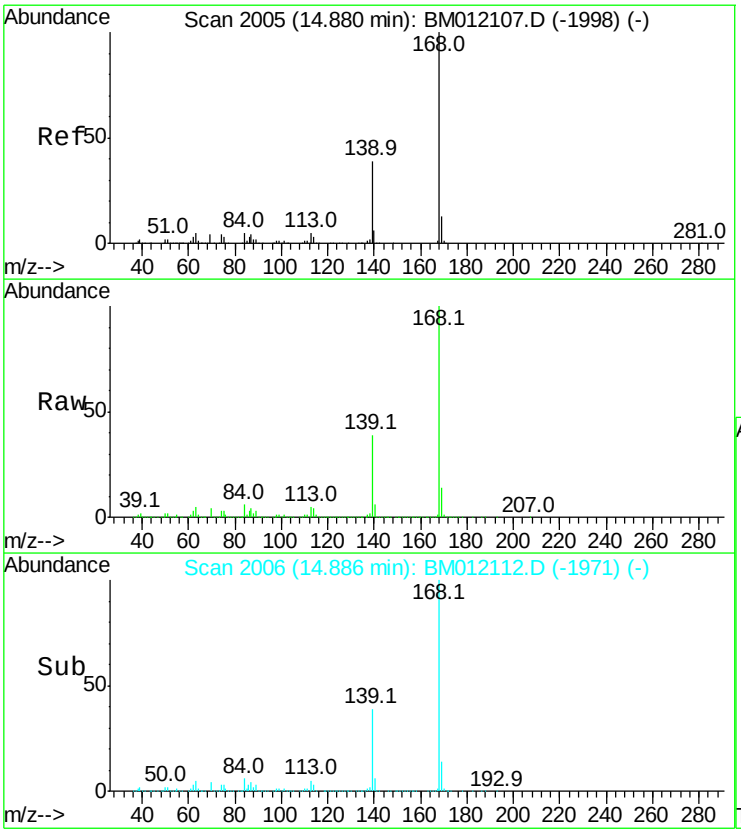
#49
Acenaphthene
Concen: 139.434 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 5785421

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.6	56.4
154	88.3	70.4	105.6

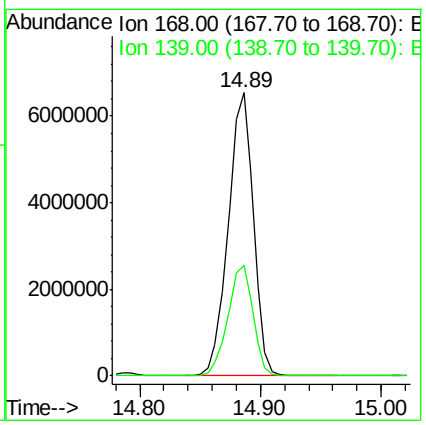


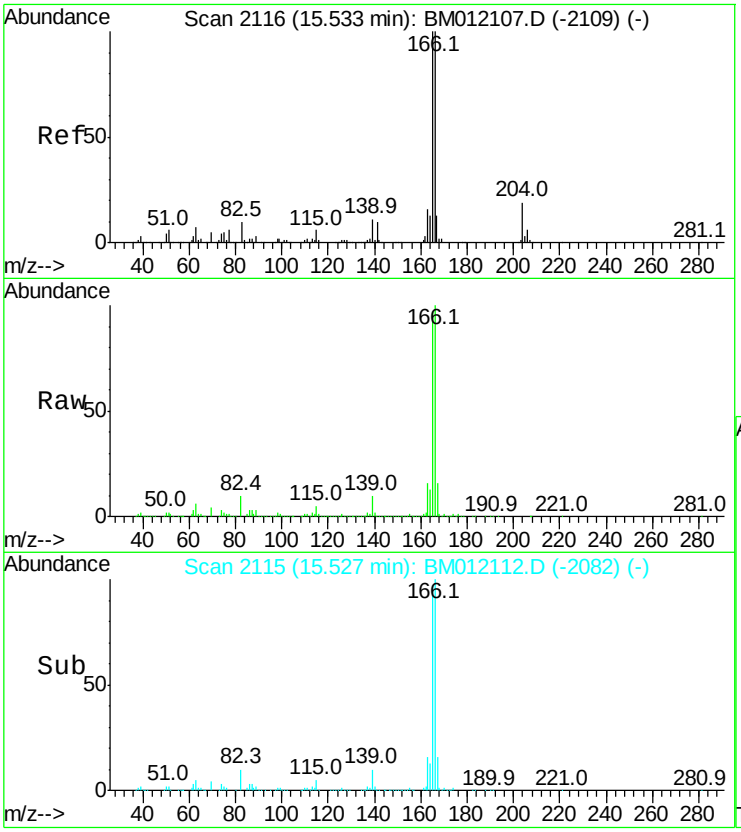


#53
Dibenzofuran
Concen: 158.318 ng/ul
RT: 14.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Tgt Ion:168 Resp: 9458826

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.8	46.2



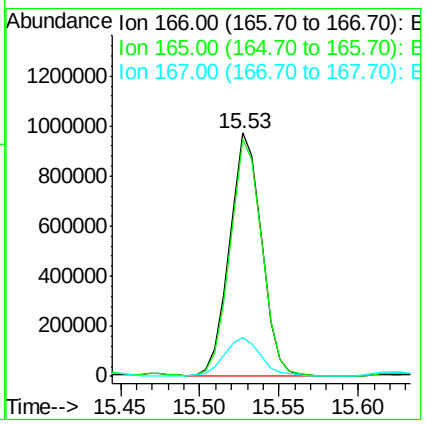


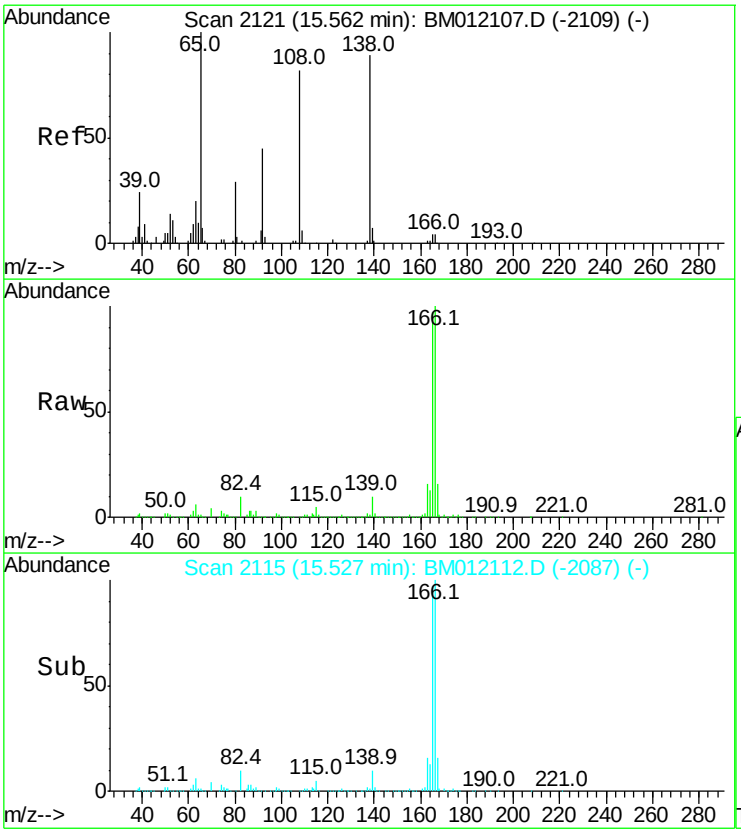
#58
Fluorene
Concen: 27.293 ng/ul
RT: 15.53 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 1354235

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.9	116.9
167	16.1	10.6	16.0#

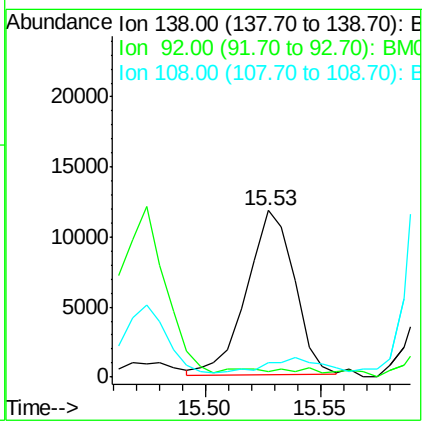


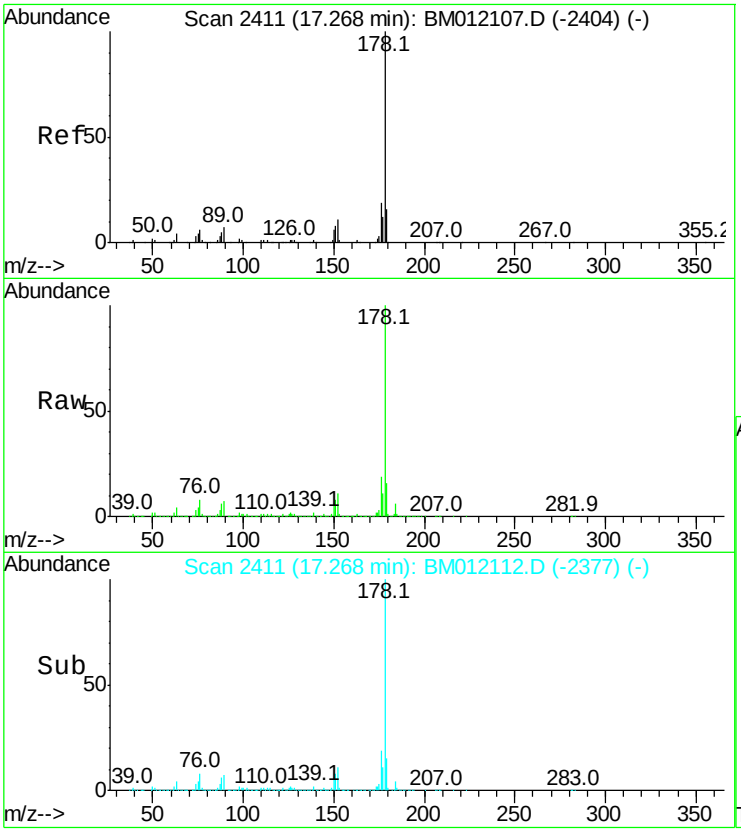


#60
4-Nitroaniline
Concen: 1.696 ng/ul
RT: 15.53 min Scan# 2115
Delta R.T. -0.04 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Tgt Ion:138 Resp: 16795

Ion	Ratio	Lower	Upper
138	100		
92	3.5	40.0	60.0#
108	9.1	80.0	120.0#



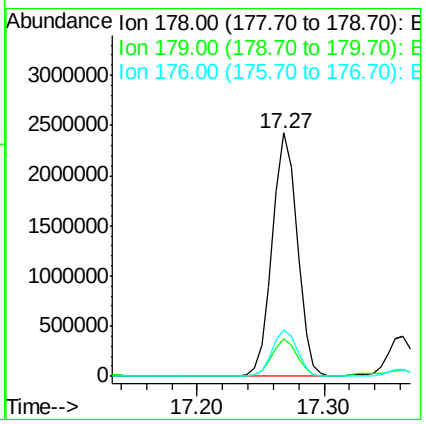


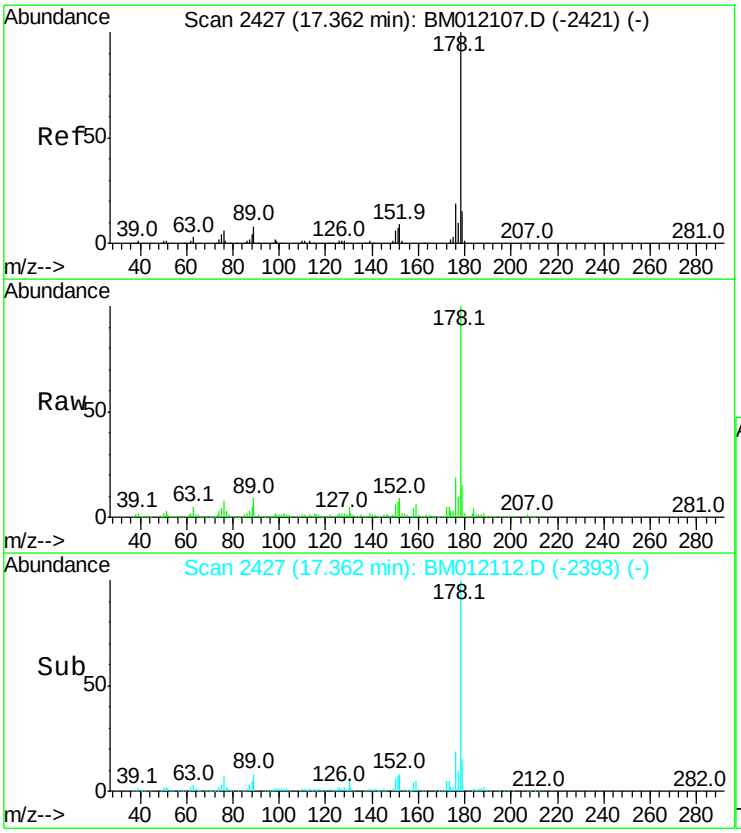
#69
Phenanthrene
Concen: 42.630 ng/ul
RT: 17.27 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3301636

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.0	14.9	22.3

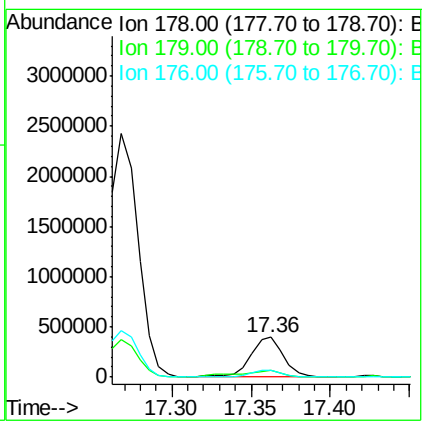


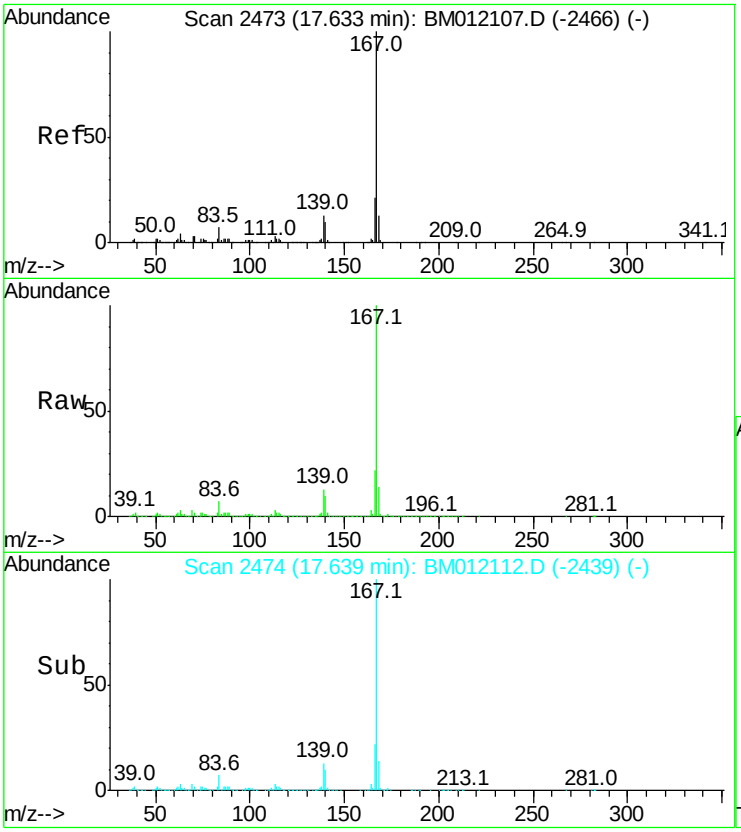


#71
Anthracene
Concen: 7.026 ng/ul
RT: 17.36 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Tgt Ion:178 Resp: 563327

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	18.6	14.6	21.8



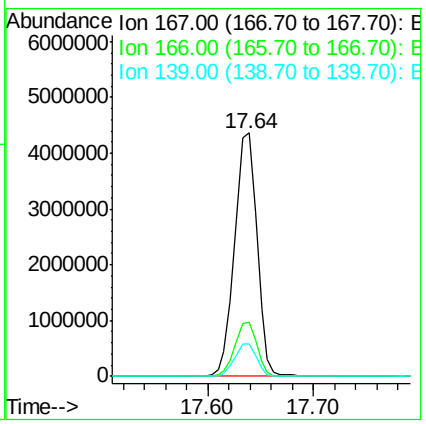


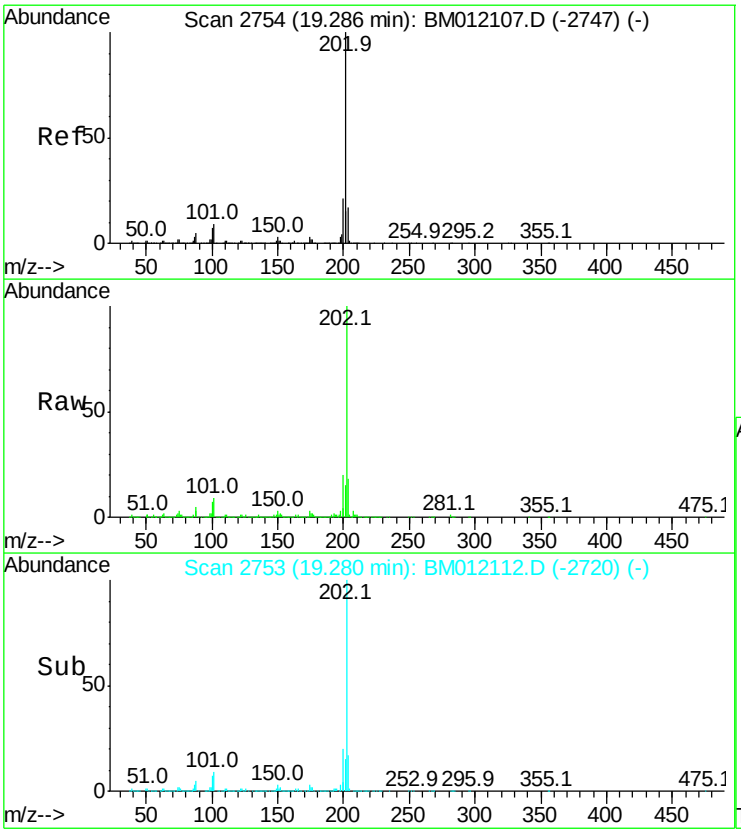
#72
Carbazole
Concen: 94.006 ng/ul
RT: 17.64 min Scan# 2474
Delta R.T. 0.01 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 6379039

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	13.4	10.0	15.0

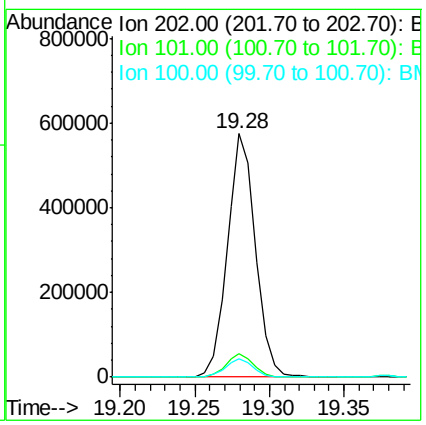


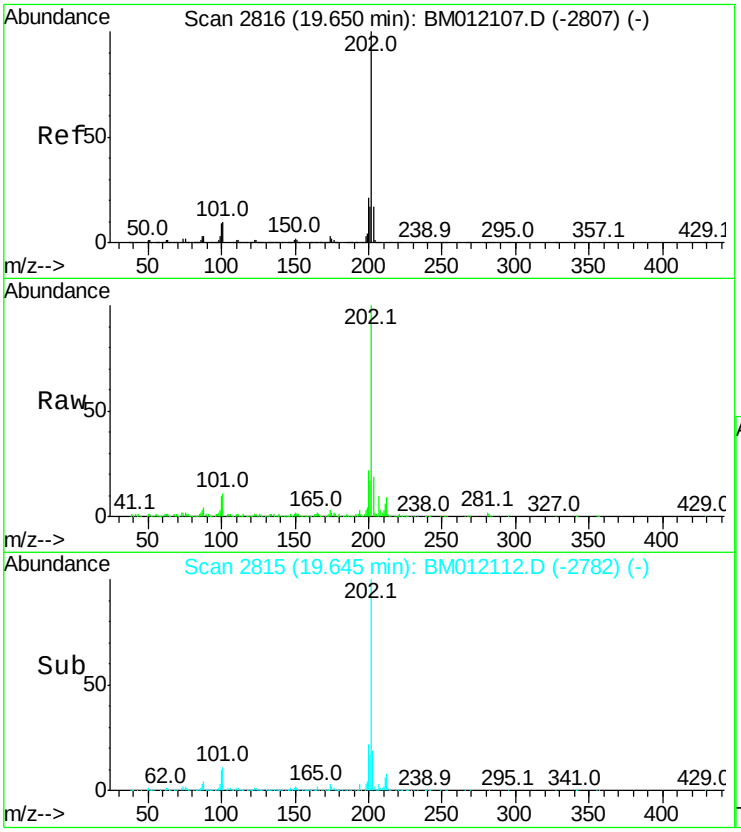


#74
Fluoranthene
Concen: 8.063 ng/ul
RT: 19.28 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Tgt Ion:202 Resp: 753631

Ion	Ratio	Lower	Upper
202	100		
101	9.5	4.6	7.0#
100	7.4	3.4	5.2#





#77
Pyrene
Concen: 3.855 ng/ul
RT: 19.64 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 384295

Ion	Ratio	Lower	Upper
202	100		
101	10.7	5.1	7.7#
100	9.7	4.9	7.3#