Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012111.D
Acq On : 12 Oct 2017 22:39
Operator : SJ/JU
Sample : I5772-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 13 03:08:20 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	228895	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1002073	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	606531	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1367621	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1269947	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1133672	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	27006	5.61	ng/uL	0.00
5) Phenol-d5	6.99	99	156442	8.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	402549	36.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	471237	29.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	325346	20.35	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	289059	37.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	332888	37.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	576374	33.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	47648	2.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2094561	39.07	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2465728	38.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	56375	7.00	ng/ul	0.00
57) Fluorene-d10	15.47	176	1735362	39.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	335911	35.79	ng/ul	0.00
70) Anthracene-d10	17.33	188	2694982	39.85	ng/ul	0.00
76) Pyrene-d10	19.62	212	2902244	45.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2234841	40.89	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.93	117	11046	1.628	ng/ul#	1
20) Nitrobenzene	9.01	77	19716	1.038	ng/ul#	4
28) Naphthalene	10.69	128	506072	9.761	ng/ul	99
40) 1,1'-Biphenyl	13.31	154	3892396	76.040	ng/ul	99
47) Acenaphthylene	14.20	152	223030	3.500	ng/ul#	87
49) Acenaphthene	14.55	153	5764357	134.304	ng/ul	100
53) Dibenzofuran	14.89	168	9466709	153.178	ng/ul	99
58) Fluorene	15.53	166	1351299	26.327	ng/ul#	97
60) 4-Nitroaniline	15.60	138	11282	1.102	ng/ul#	1
69) Phenanthrene	17.27	178	3272666	42.065	ng/ul	99
71) Anthracene	17.36	178	551439	6.846	ng/ul	99
72) Carbazole	17.64	167	6161277	90.386	ng/ul	98
74) Fluoranthene	19.28	202	702453	7.482	ng/ul#	90
77) Pyrene	19.64	202	357875	4.267	ng/ul#	89

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

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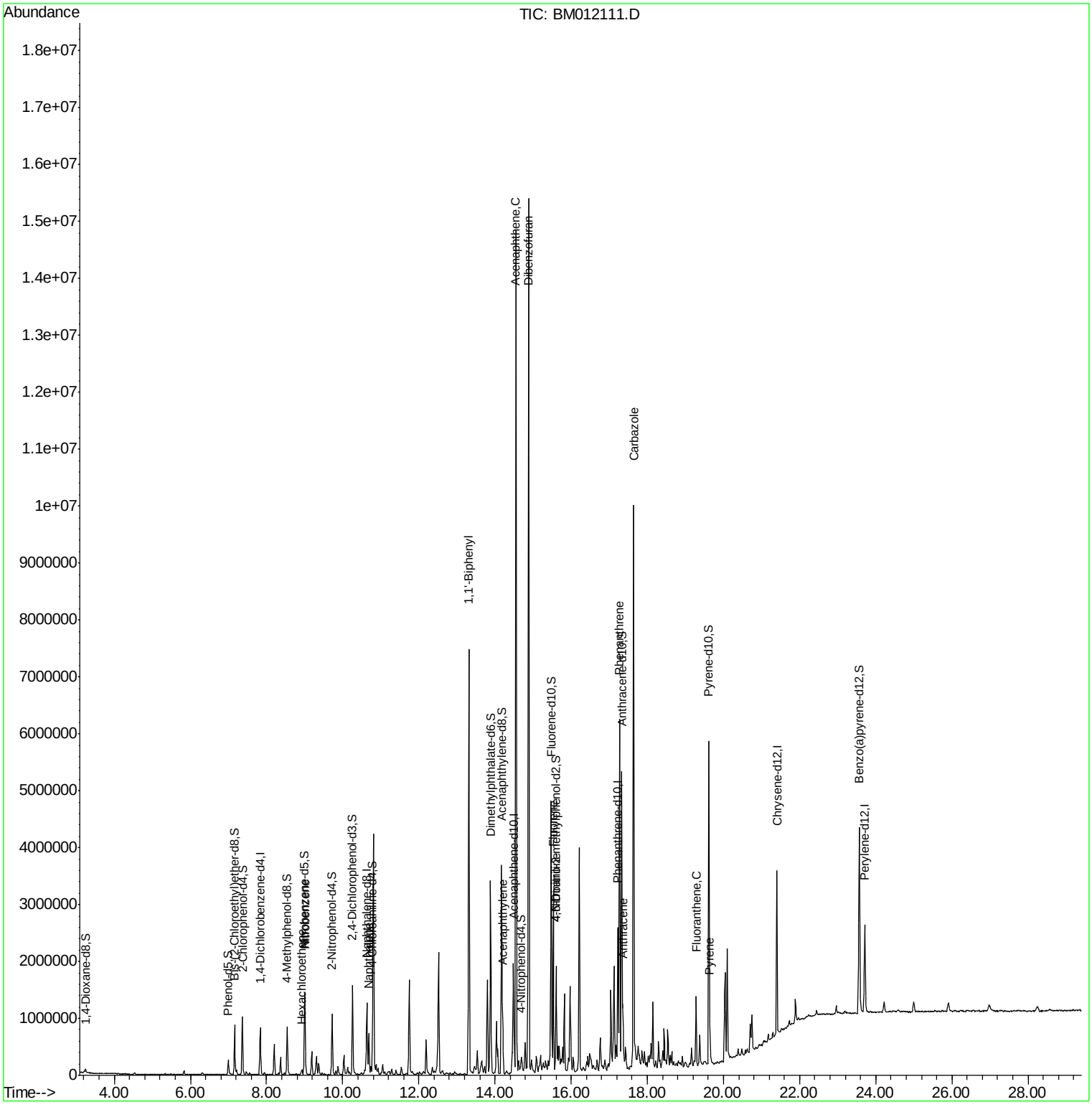
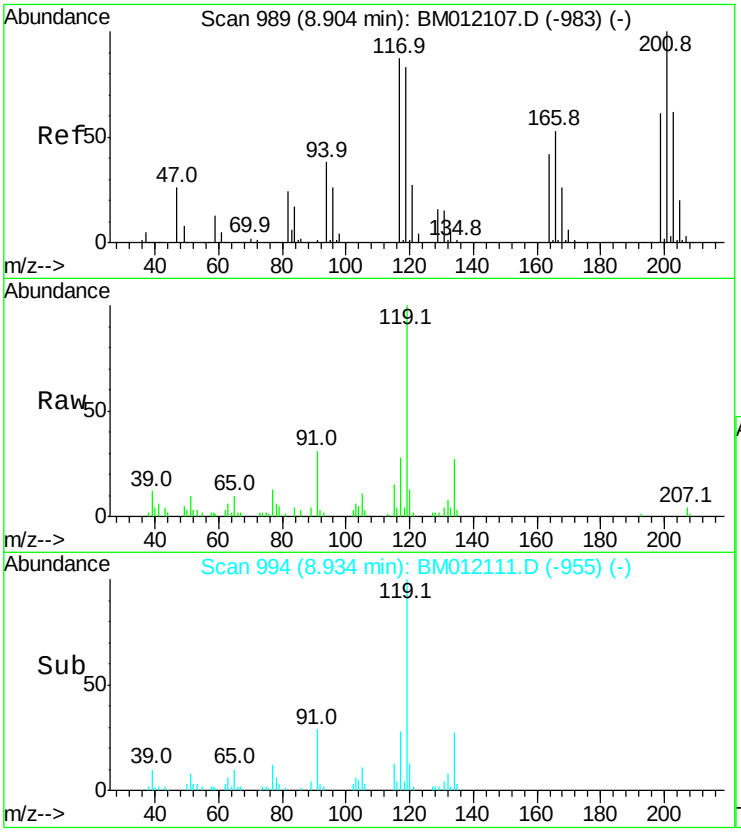


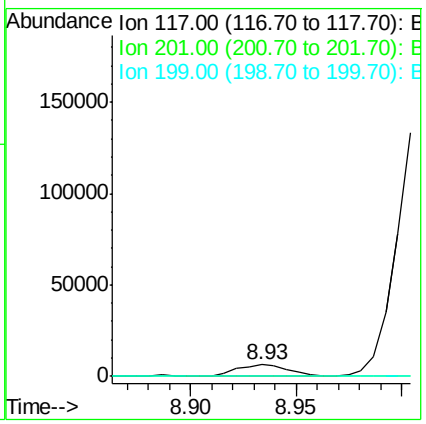


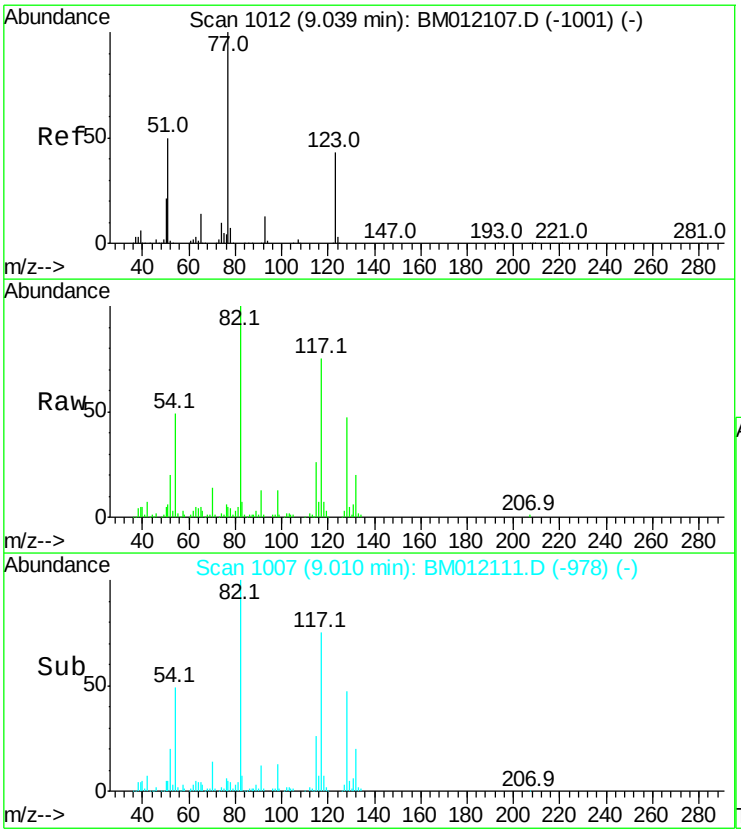
#17
Hexachloroethane
Concen: 1.628 ng/ul
RT: 8.93 min Scan# 994
Delta R.T. 0.03 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 11046

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

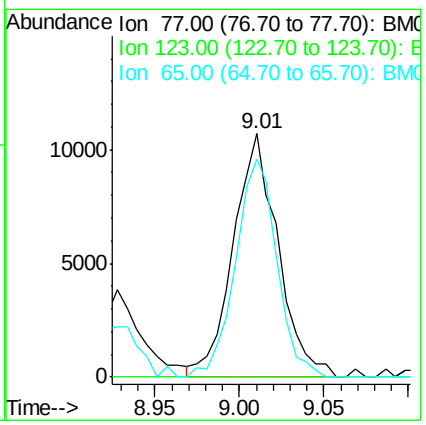


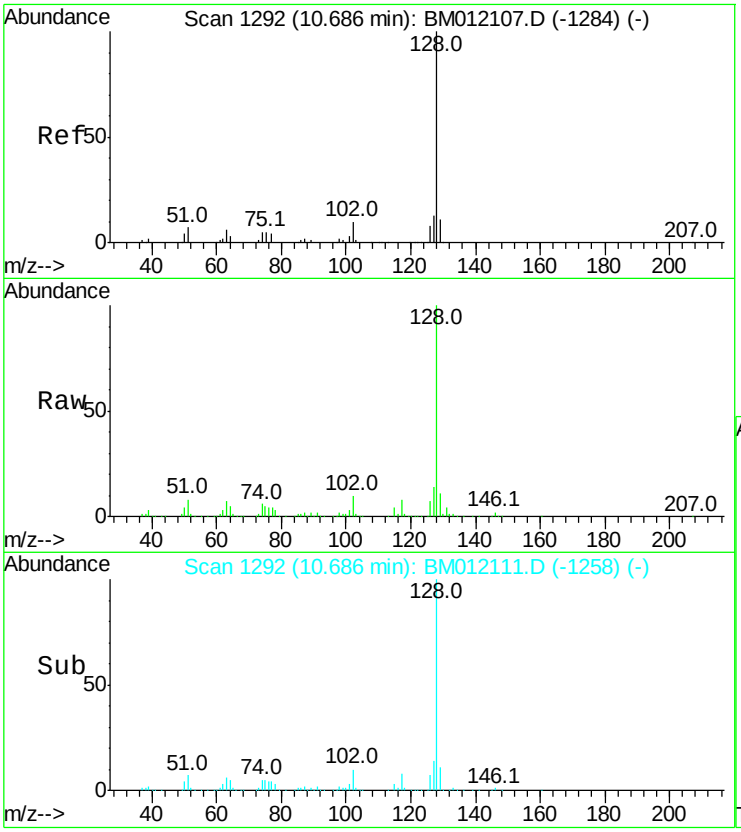


#20
Nitrobenzene
Concen: 1.038 ng/ul
RT: 9.01 min Scan# 1007
Delta R.T. -0.03 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Tgt Ion: 77 Resp: 19716

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.0	46.6#
65	89.6	12.2	18.2#



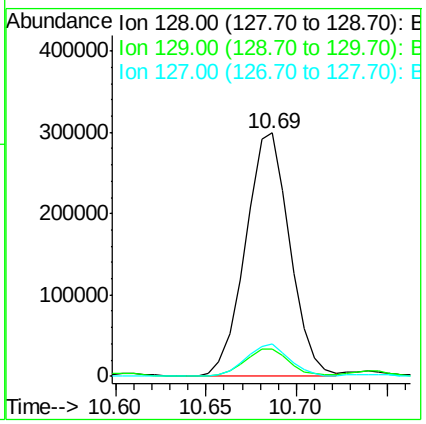


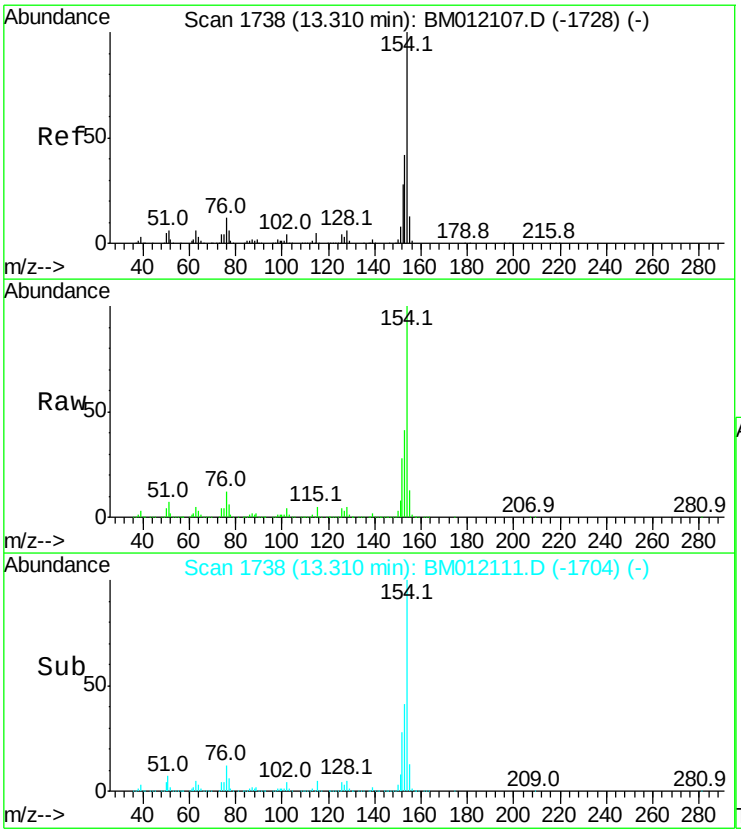
#28
Naphthalene
Concen: 9.761 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 506072

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.6	16.0

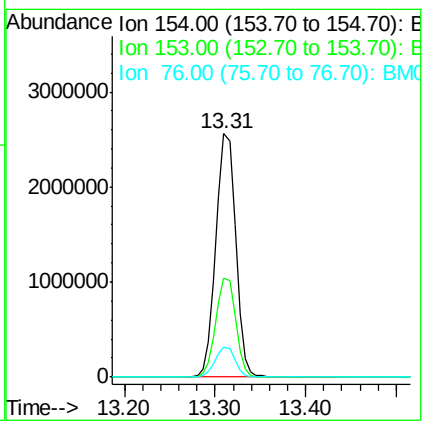


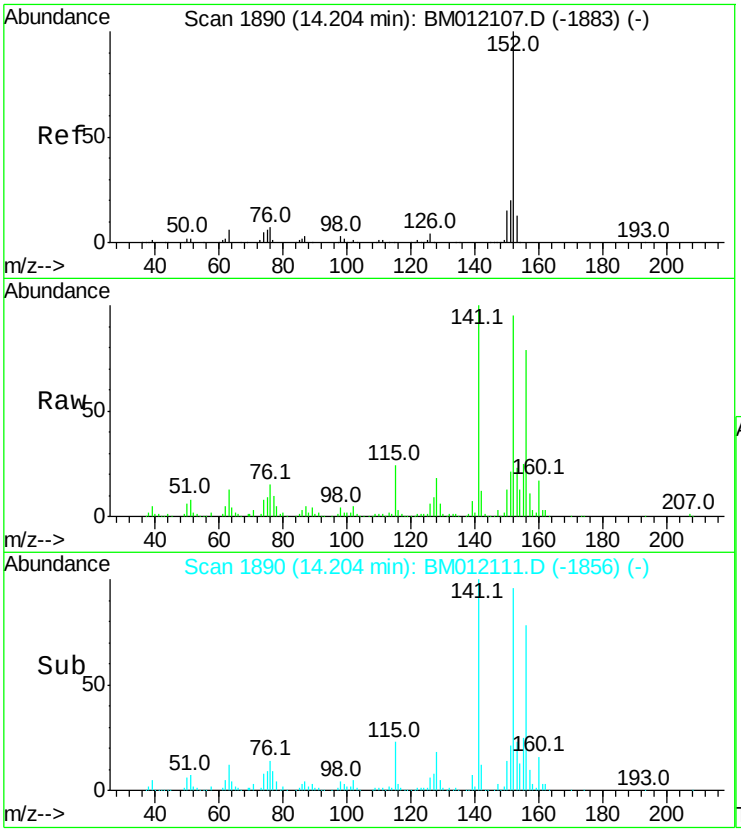


#40
1,1'-Biphenyl
Concen: 76.040 ng/ul
RT: 13.31 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Tgt Ion:154 Resp: 3892396

Ion	Ratio	Lower	Upper
154	100		
153	40.7	32.6	48.8
76	12.3	8.5	12.7



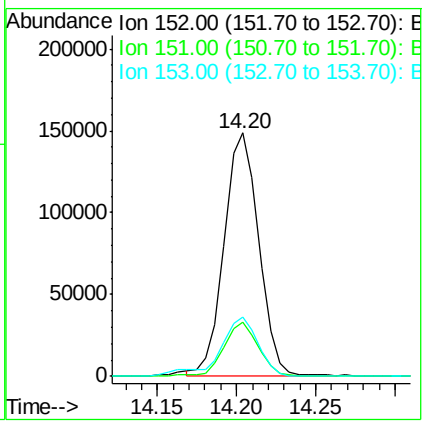


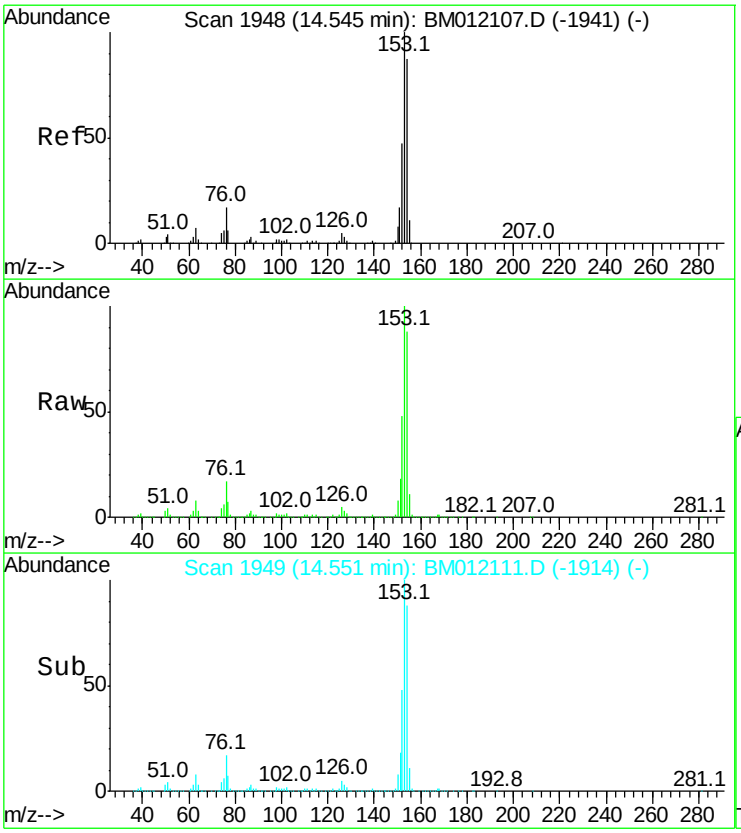
#47
Acenaphthylene
Concen: 3.500 ng/ul
RT: 14.20 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 223030

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.3	24.5
153	24.2	10.2	15.4#

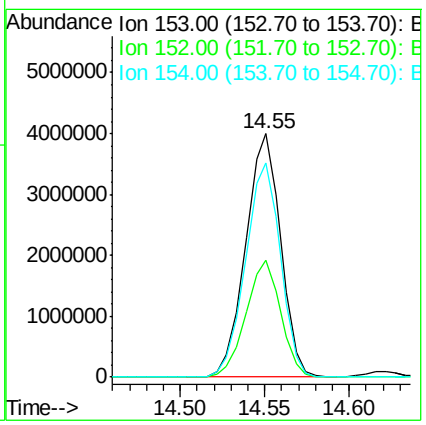


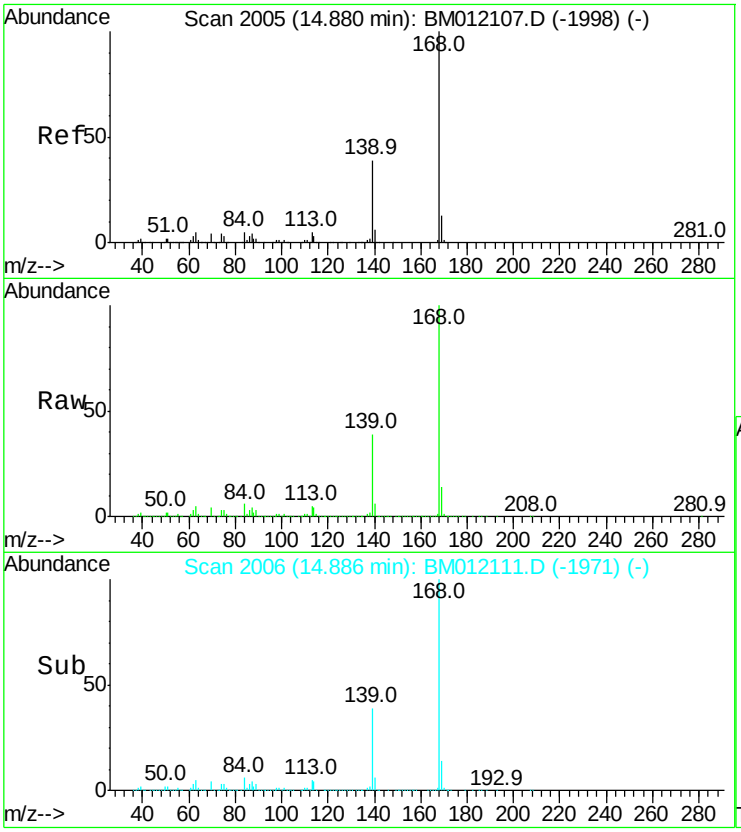


#49
Acenaphthene
Concen: 134.304 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Tgt Ion:153 Resp: 5764357

Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.6	56.4
154	88.0	70.4	105.6



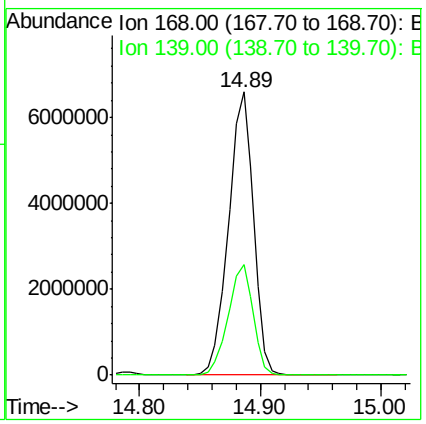


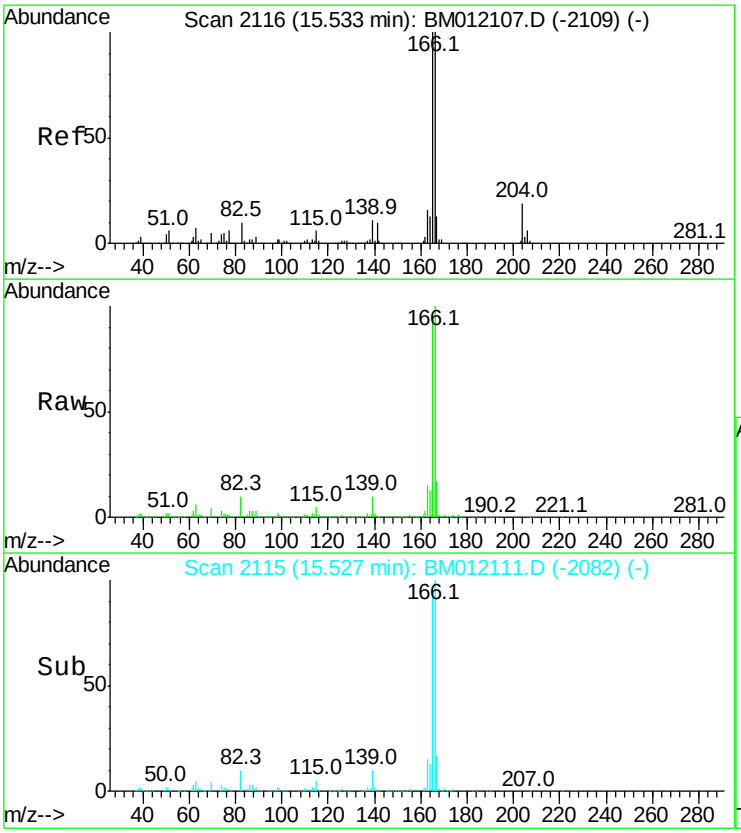
#53
Dibenzofuran
Concen: 153.178 ng/ul
RT: 14.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 9466709

Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.8	46.2

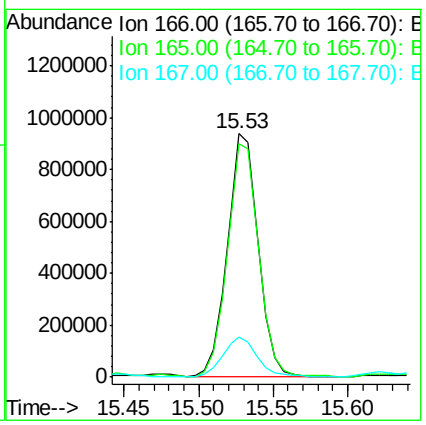


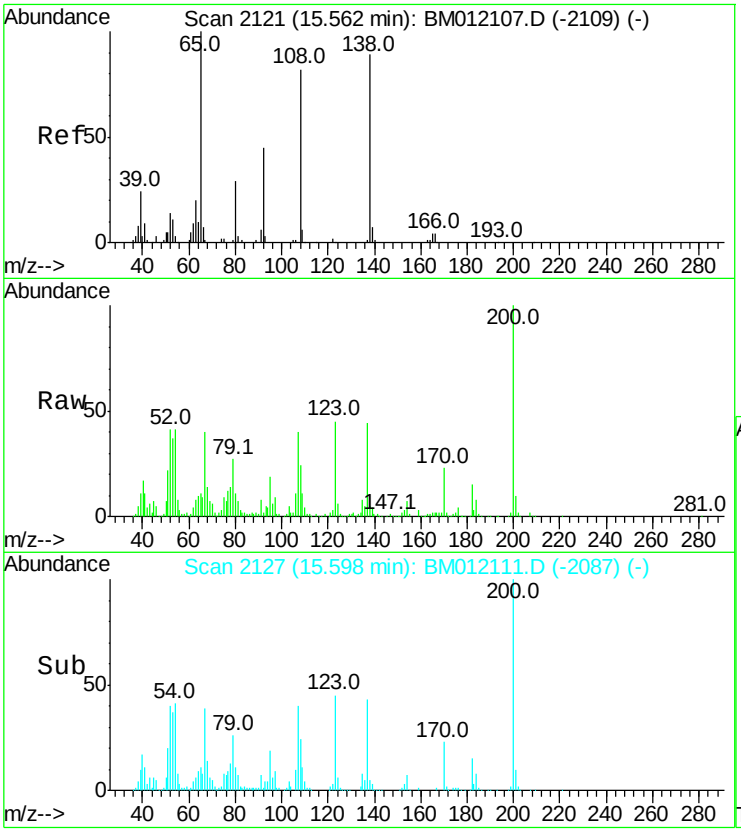


#58
Fluorene
Concen: 26.327 ng/ul
RT: 15.53 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Tgt Ion:166 Resp: 1351299

Ion	Ratio	Lower	Upper
166	100		
165	95.7	77.9	116.9
167	16.6	10.6	16.0#



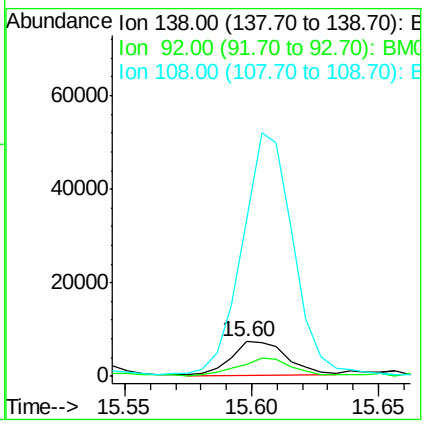


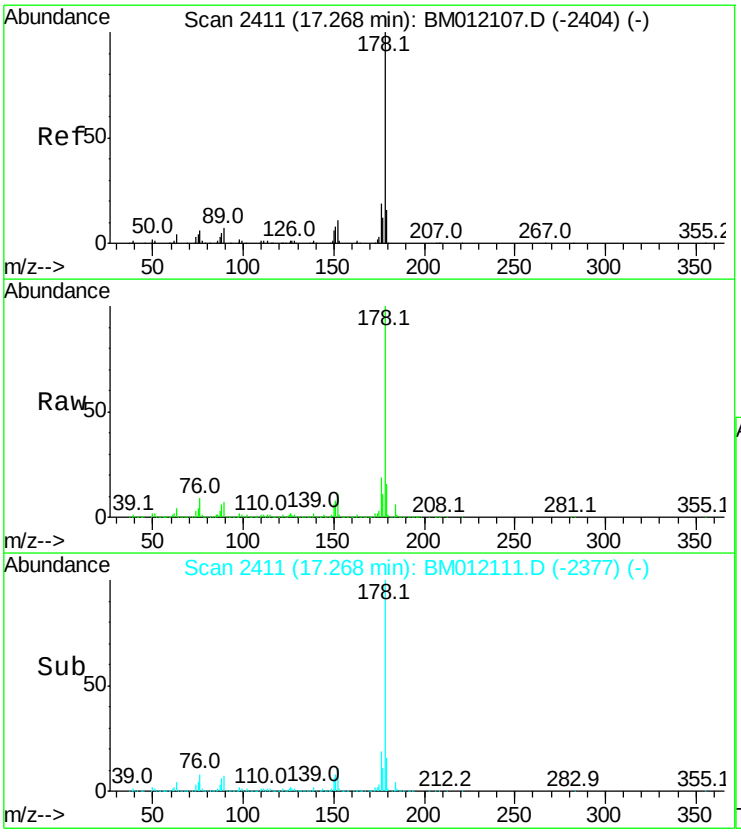
#60
4-Nitroaniline
Concen: 1.102 ng/ul
RT: 15.60 min Scan# 2127
Delta R.T. 0.04 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 11282

Ion	Ratio	Lower	Upper
138	100		
92	35.7	40.0	60.0#
108	451.0	80.0	120.0#

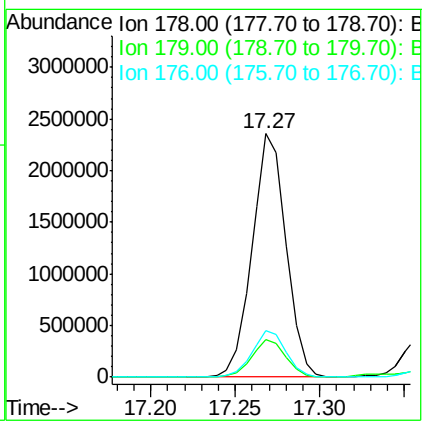


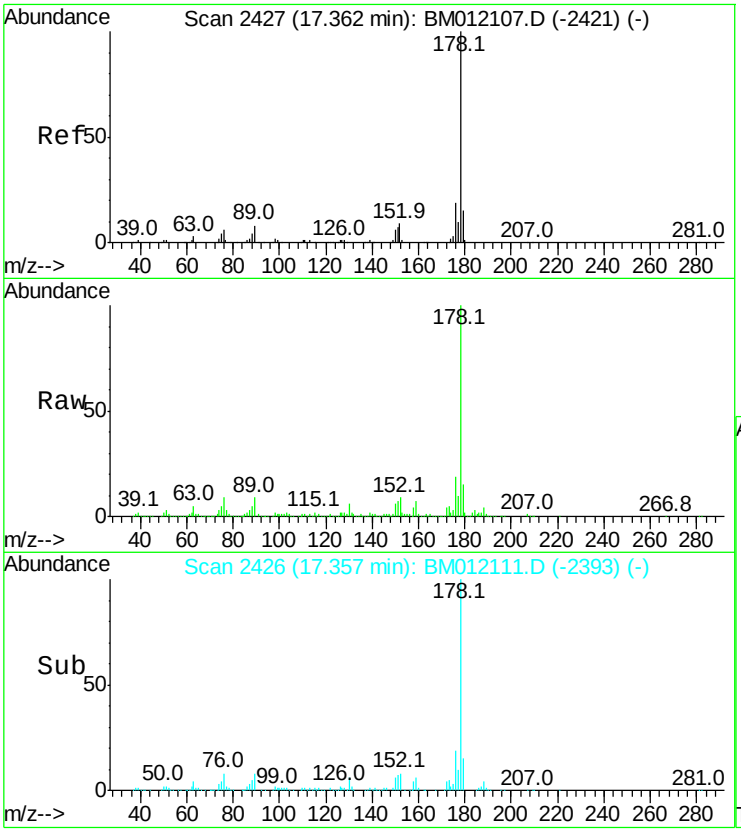


#69
Phenanthrene
Concen: 42.065 ng/ul
RT: 17.27 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Tgt Ion:178 Resp: 3272666

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.3	14.9	22.3



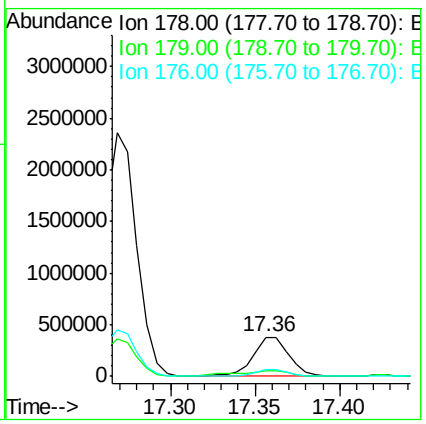


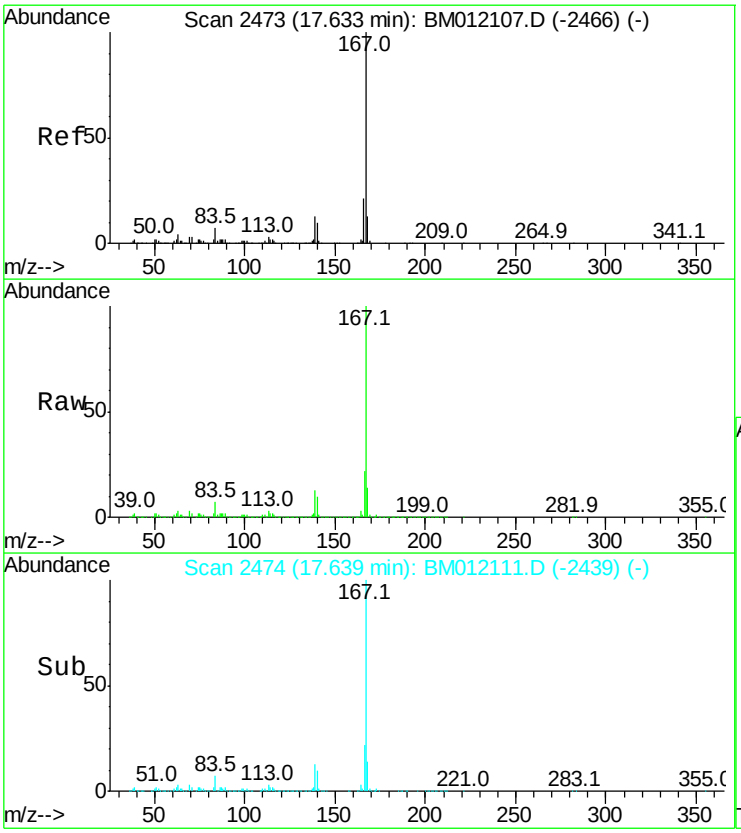
#71
Anthracene
Concen: 6.846 ng/ul
RT: 17.36 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 551439

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	18.9	14.6	21.8

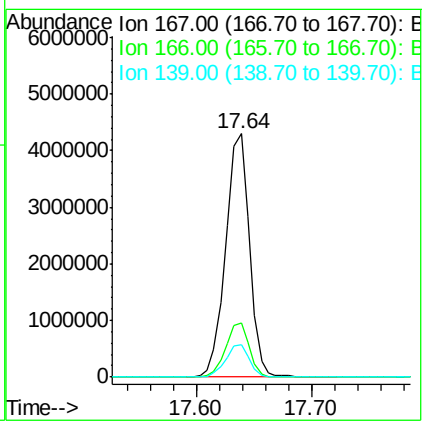


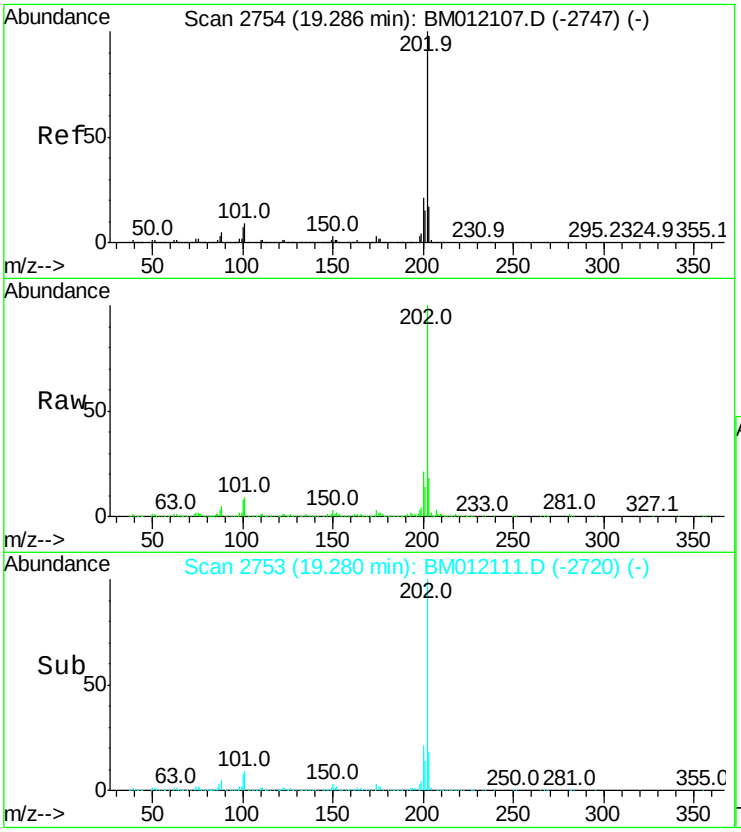


#72
Carbazole
Concen: 90.386 ng/ul
RT: 17.64 min Scan# 2474
Delta R.T. 0.01 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Tgt Ion:167 Resp: 6161277

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	13.1	10.0	15.0



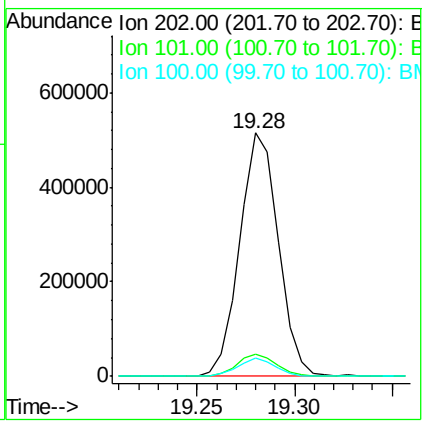


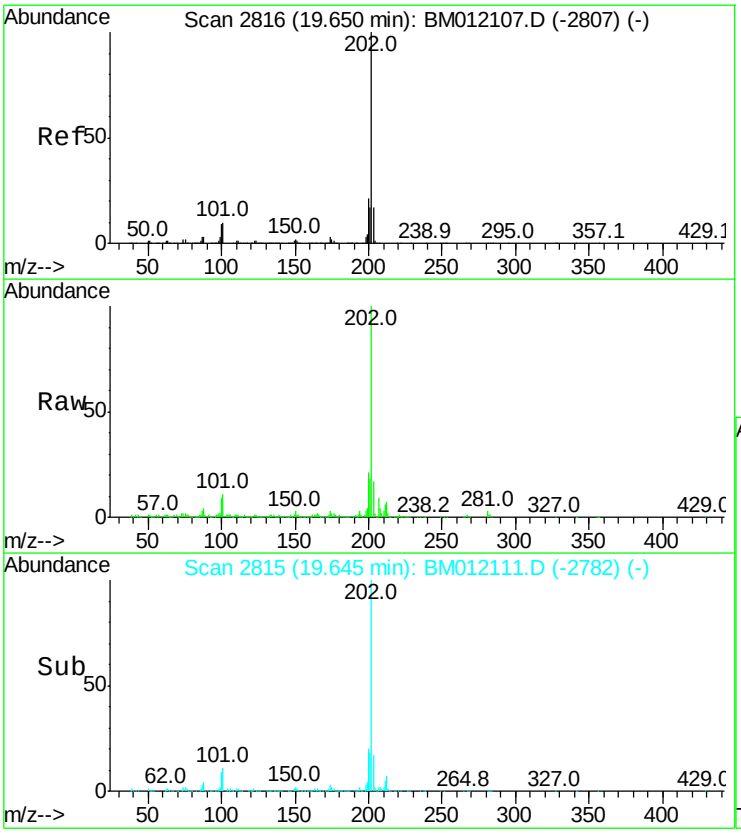
#74
Fluoranthene
Concen: 7.482 ng/ul
RT: 19.28 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 702453

Ion	Ratio	Lower	Upper
202	100		
101	9.2	4.6	7.0#
100	7.6	3.4	5.2#





#77
Pyrene
Concen: 4.267 ng/ul
RT: 19.64 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Tgt Ion:202 Resp: 357875

Ion	Ratio	Lower	Upper
202	100		
101	10.9	5.1	7.7#
100	9.2	4.9	7.3#