Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110517\

Quantitation Report (Not Reviewed)

Data File : BG030754.D
Acq On : 6 Nov 2017 00:59
Operator : SJ/JU
Sample : I6107-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0EA8

Quant Time: Nov 06 02:13:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 01:27:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	77505	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	348060	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.78	164	228517	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	515448	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	555499	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	571436	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	7808	4.09	ng/uL	0.00
5) Phenol-d5	7.32	99	157251	21.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	93373	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	131703	25.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	119152	19.83	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	64341	25.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	76808	30.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	146933	25.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	141243	20.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	479585	24.55	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	616464	25.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	68829	19.08	ng/ul	0.01
57) Fluorene-d10	15.76	176	459385	28.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	19604	7.79	ng/ul	0.01
70) Anthracene-d10	17.61	188	694698	28.50	ng/ul	0.01
76) Pyrene-d10	19.89	212	768060	26.71	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.88	264	786154	29.05	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.34	94	23965	3.11	ng/ul	91
44) Dimethylphthalate	14.22	163	352829	18.52	ng/ul	99
69) Phenanthrene	17.56	178	121926	4.38	ng/ul	97
74) Fluoranthene	19.55	202	205738	6.61	ng/ul	99
77) Pyrene	19.92	202	181037	4.86	ng/ul	98
80) Benzo(a)anthracene	21.77	228	110330	3.17	ng/ul	93
82) Chrysene	21.83	228	101375	3.20	ng/ul#	93
85) Benzo(b)fluoranthene	24.05	252	125504	3.66	ng/ul#	81
86) Benzo(k)fluoranthene	24.12	252	45099	1.36	ng/ul#	63
88) Benzo(a)pyrene	24.95	252	89248	2.67	ng/ul#	83
89) Indeno(1,2,3-cd)pyrene	28.90	276	65570	1.74	ng/ul#	89
91) Benzo(g,h,i)perylene	30.10	276	70879	2.26	ng/ul#	88

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

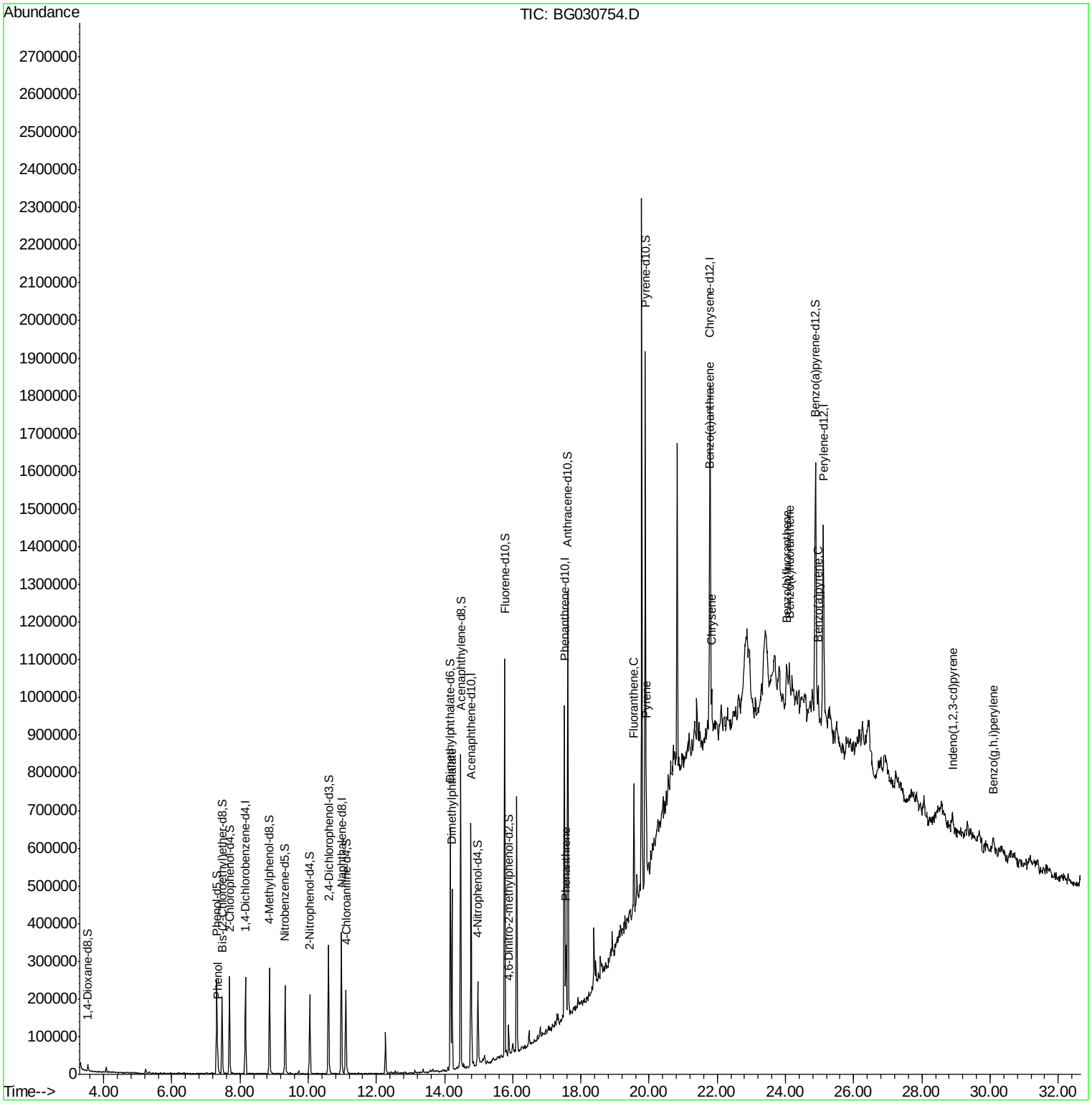
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110517\

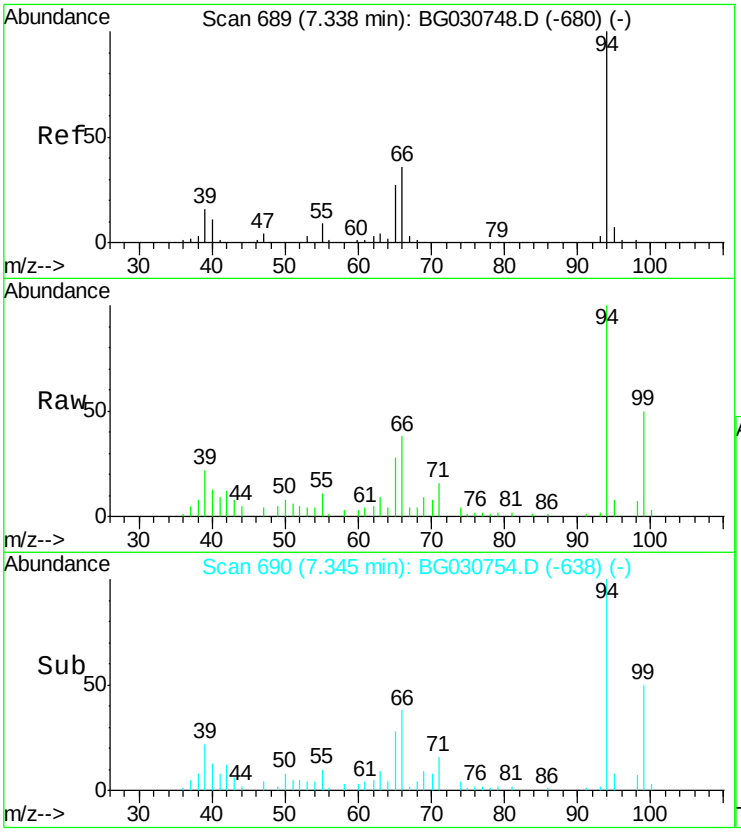
Quantitation Report (Not Reviewed)

Data File : BG030754.D
Acq On : 6 Nov 2017 00:59
Operator : SJ/JU
Sample : I6107-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0EA8

Quant Time: Nov 06 02:13:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 01:27:00 2017
Response via : Initial Calibration



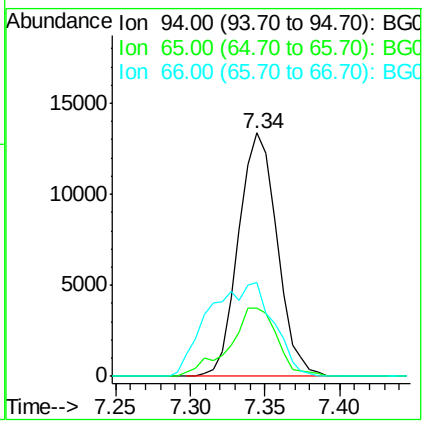


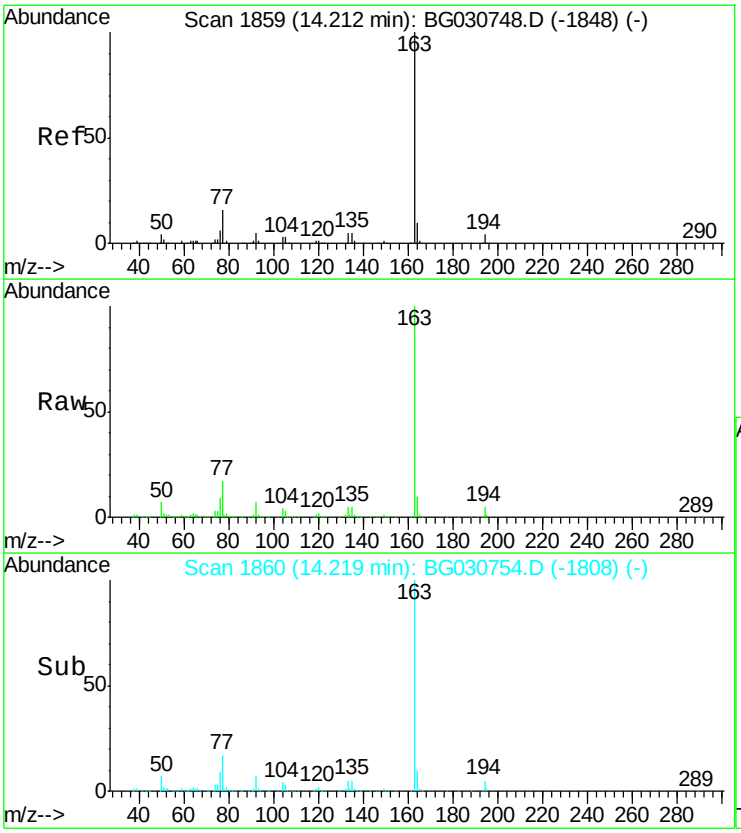
#6
Phenol
Concen: 3.11 ng/ul
RT: 7.34 min Scan# 690
Delta R.T. 0.01 min
Lab File: BG030754.D
Acq: 6 Nov 2017 00:59

Instrument :
BNA_G
ClientSampleId :
B0EA8

Tgt Ion: 94 Resp: 23965

Ion	Ratio	Lower	Upper
94	100		
65	28.1	27.1	40.7
66	38.4	34.6	52.0

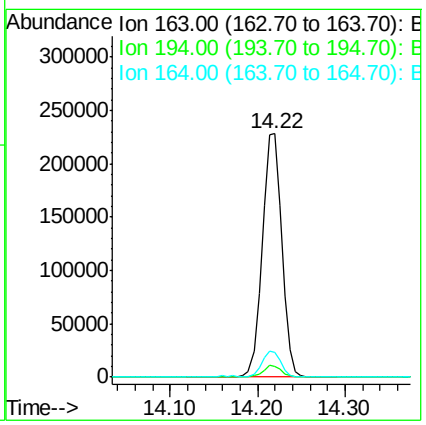


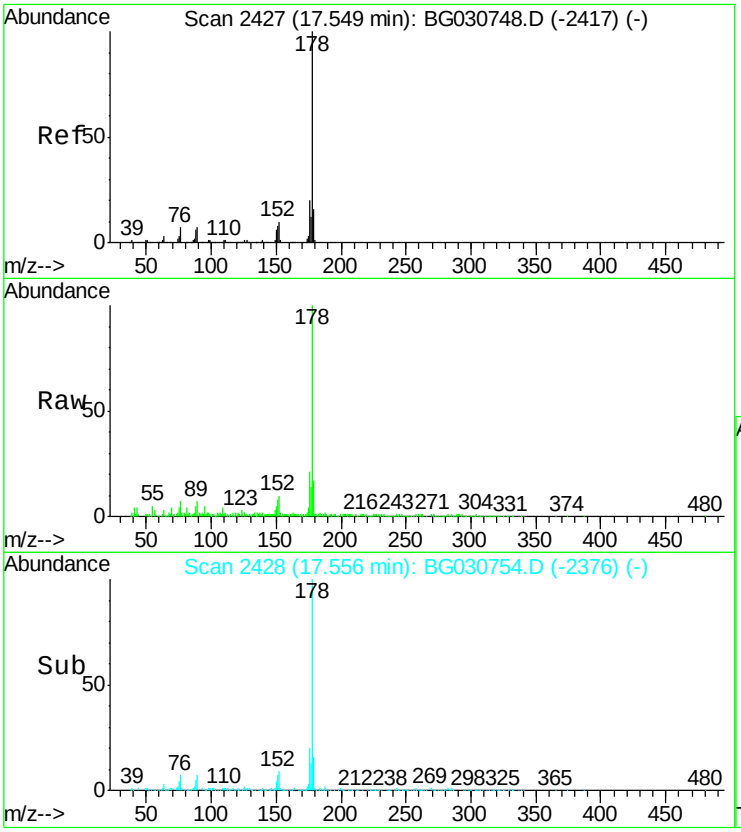


#44
Dimethylphthalate
Concen: 18.52 ng/ul
RT: 14.22 min Scan# 1860
Delta R.T. 0.01 min
Lab File: BG030754.D
Acq: 6 Nov 2017 00:59

Tgt Ion:163 Resp: 352829

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	9.9	7.6	11.4



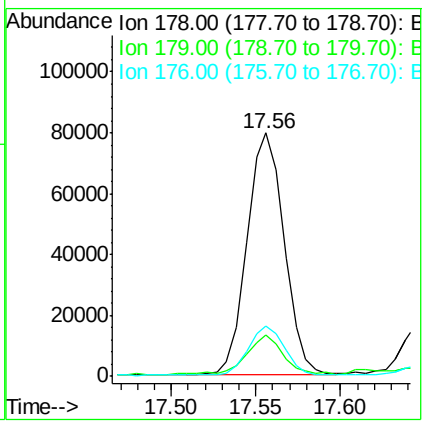


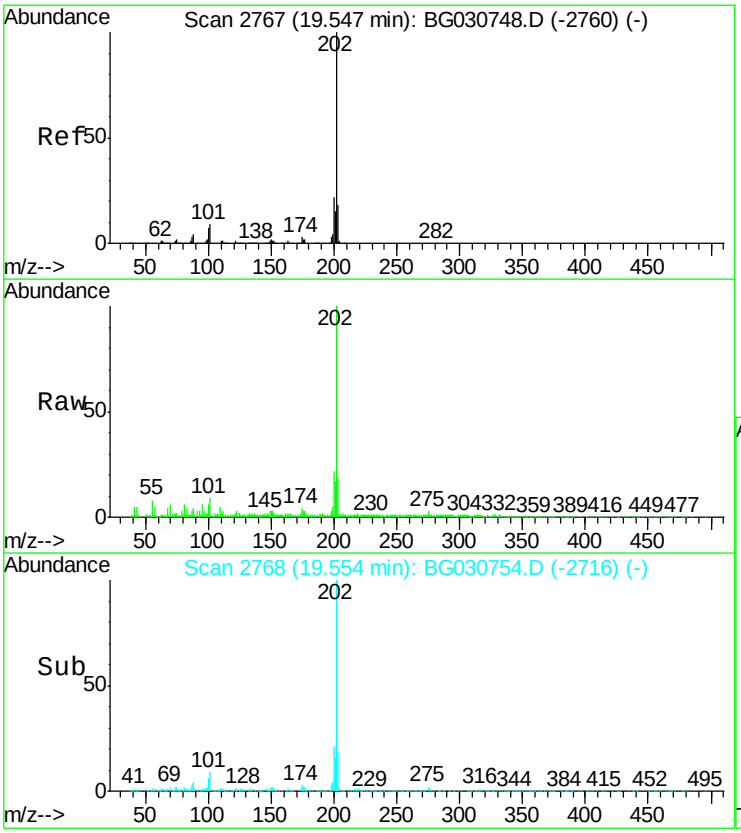
#69
Phenanthrene
Concen: 4.38 ng/ul
RT: 17.56 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BG030754.D
Acq: 6 Nov 2017 00:59

Instrument :
BNA_G
ClientSampleId :
B0EA8

Tgt Ion:178 Resp: 121926

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.0	19.6
176	20.8	15.3	22.9

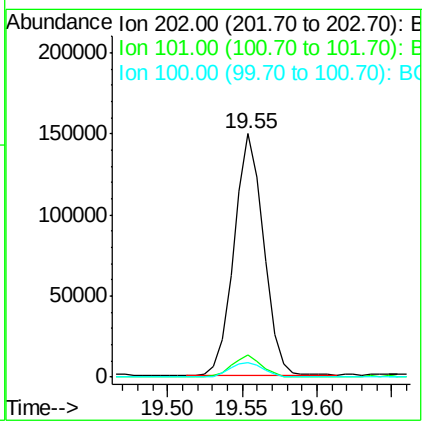


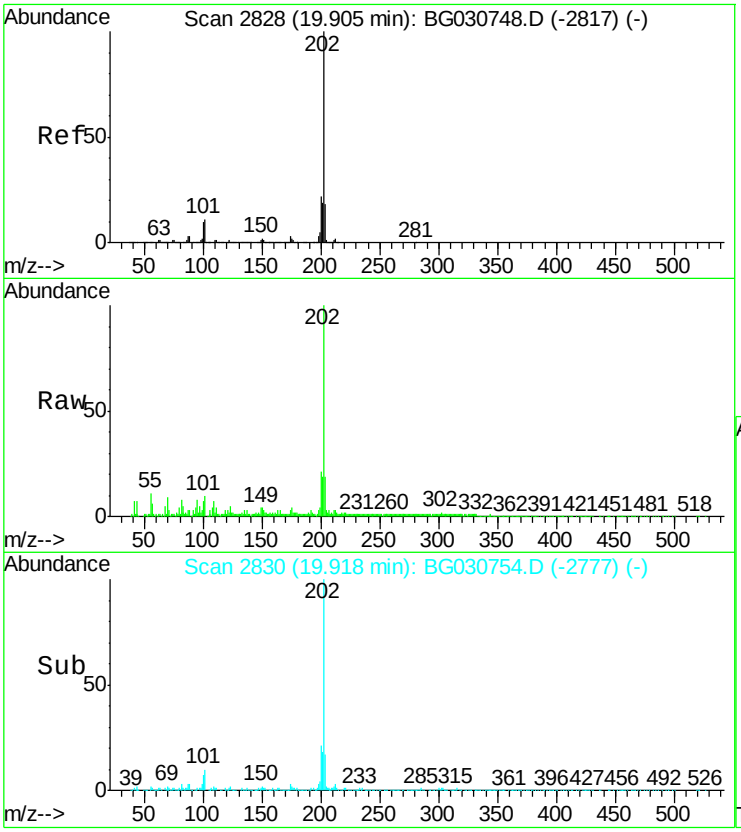


#74
Fluoranthene
Concen: 6.61 ng/ul
RT: 19.55 min Scan# 2768
Delta R.T. 0.01 min
Lab File: BG030754.D
Acq: 6 Nov 2017 00:59

Tgt Ion:202 Resp: 205738

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.4	11.2
100	6.2	5.6	8.4



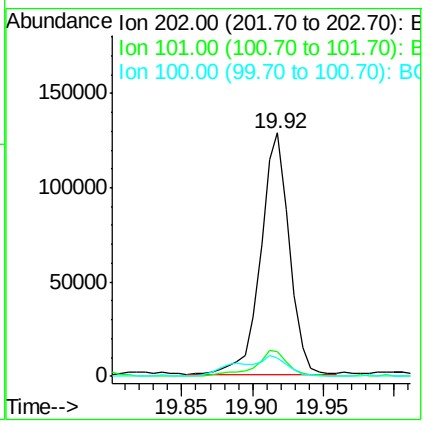


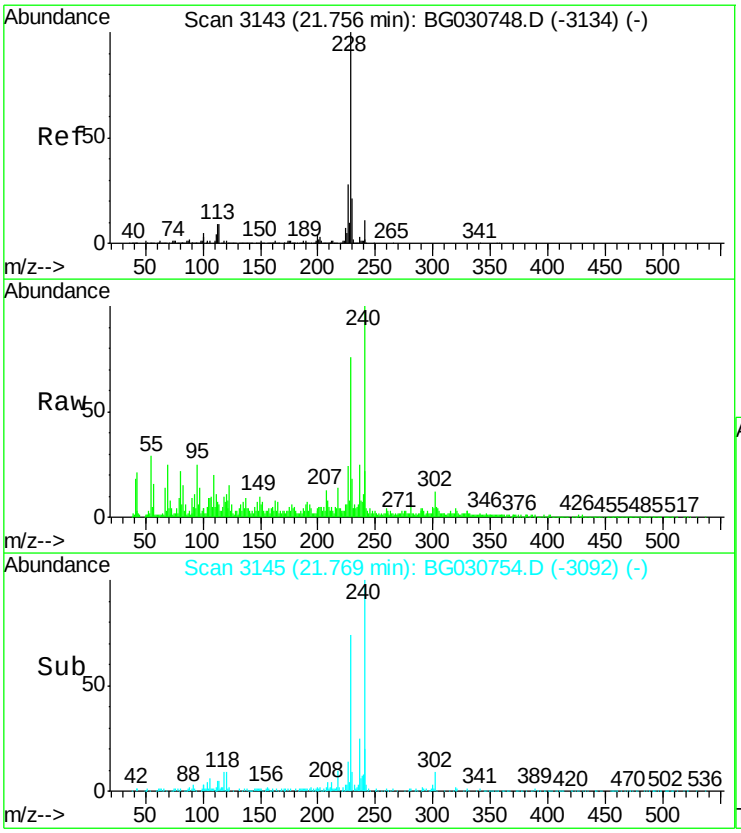
#77
Pyrene
Concen: 4.86 ng/ul
RT: 19.92 min Scan# 2830
Delta R.T. 0.01 min
Lab File: BG030754.D
Acq: 6 Nov 2017 00:59

Instrument :
BNA_G
ClientSampleId :
B0EA8

Tgt Ion:202 Resp: 181037

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.4	12.6
100	7.3	7.0	10.6

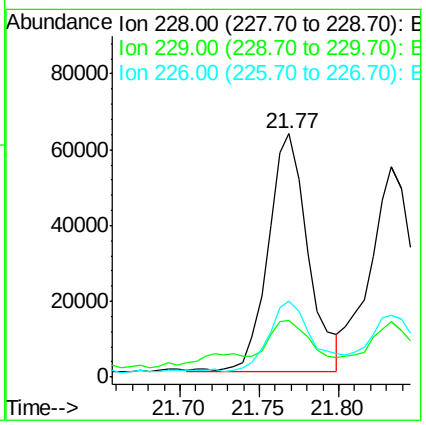


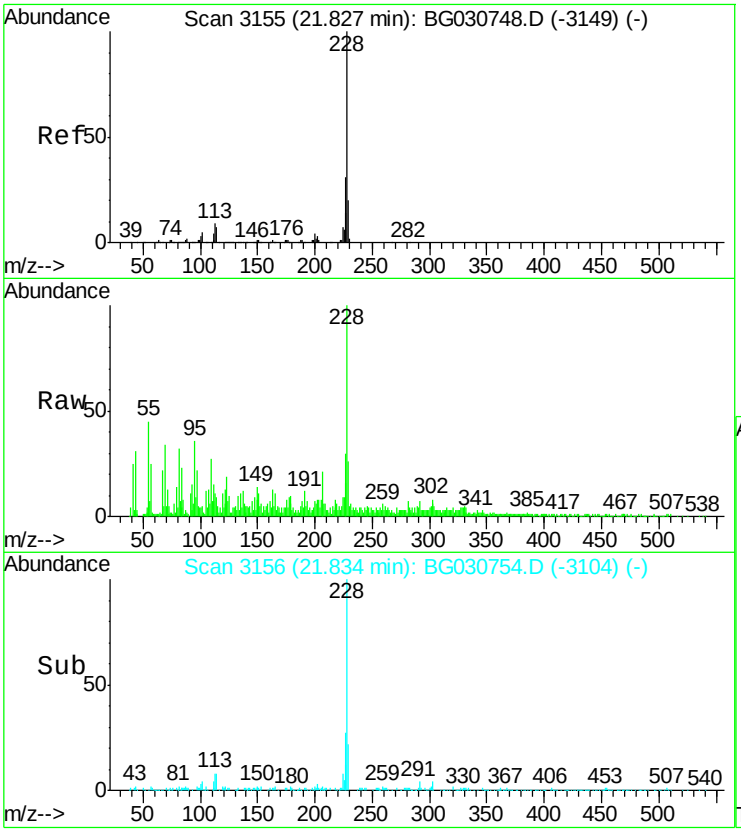


#80
Benzo(a)anthracene
Concen: 3.17 ng/ul
RT: 21.77 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BG030754.D
Acq: 6 Nov 2017 00:59

Tgt Ion:228 Resp: 110330

Ion	Ratio	Lower	Upper
228	100		
229	23.3	16.2	24.4
226	31.2	22.2	33.2



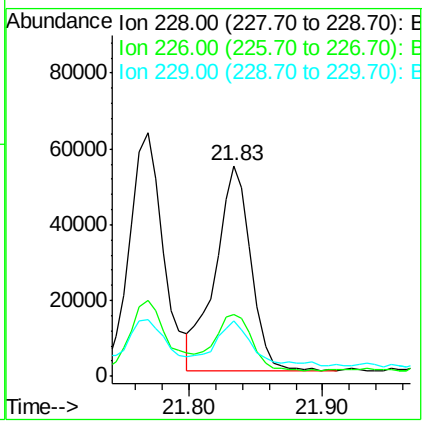


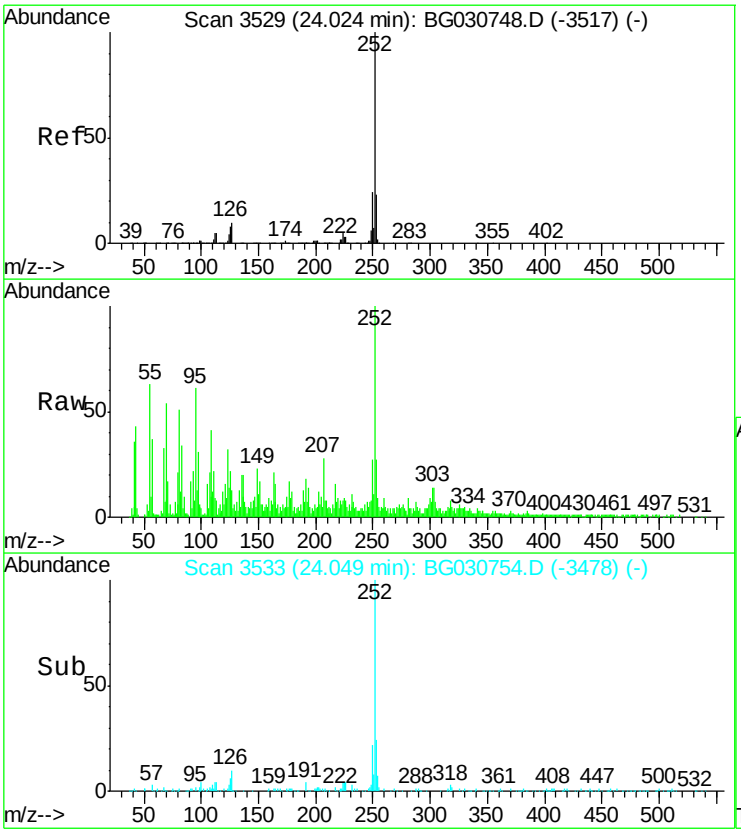
#82
Chrysene
Concen: 3.20 ng/ul
RT: 21.83 min Scan# 3156
Delta R.T. 0.01 min
Lab File: BG030754.D
Acq: 6 Nov 2017 00:59

Instrument :
BNA_G
ClientSampleId :
B0EA8

Tgt Ion:228 Resp: 101375

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	26.3	15.2	22.8#

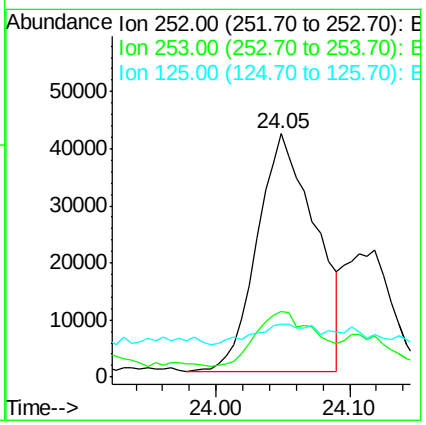


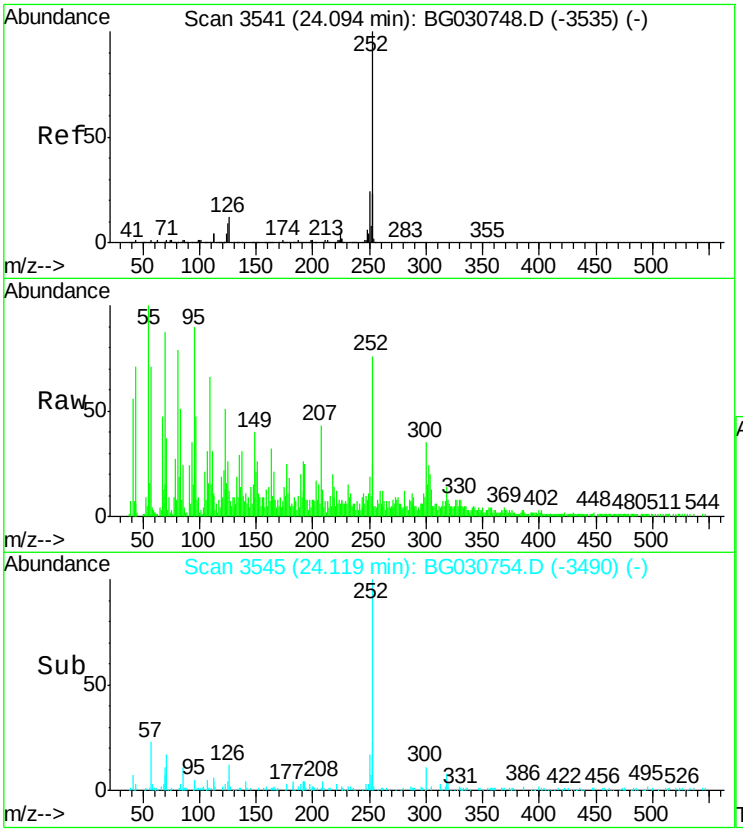


#85
Benzo(b)fluoranthene
Concen: 3.66 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. 0.02 min
Lab File: BG030754.D
Acq: 6 Nov 2017 00:59

Tgt Ion:252 Resp: 125504

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.0	25.4#
125	21.7	7.5	11.3#



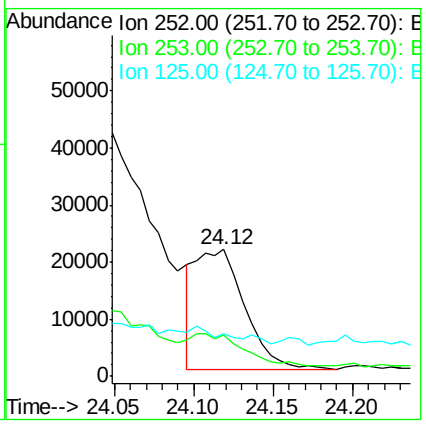


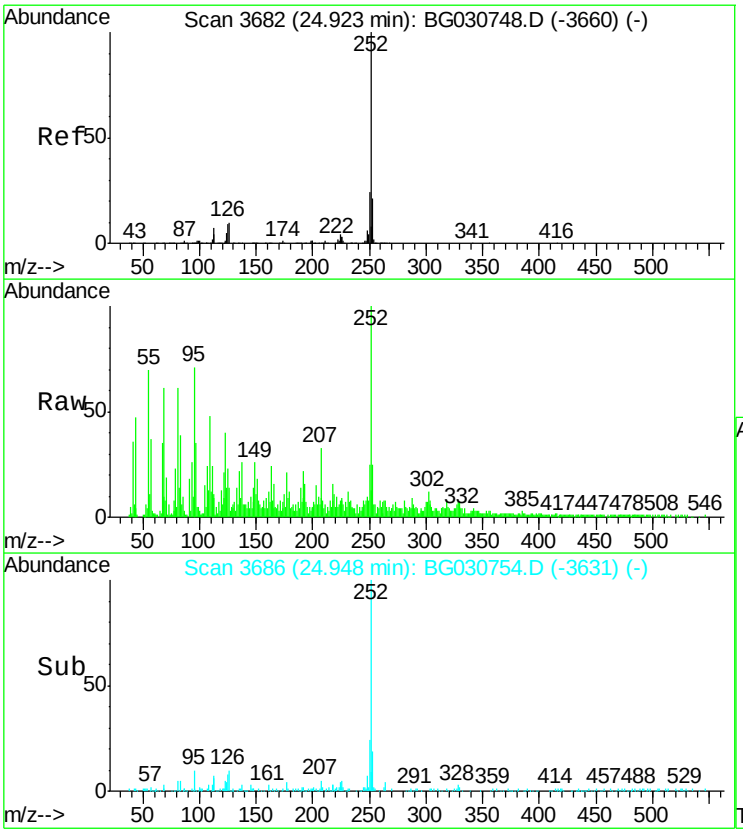
#86
Benzo(k)fluoranthene
Concen: 1.36 ng/ul
RT: 24.12 min Scan# 3545
Delta R.T. 0.02 min
Lab File: BG030754.D
Acq: 6 Nov 2017 00:59

Instrument :
BNA_G
ClientSampleId :
B0EA8

Tgt Ion:252 Resp: 45099

Ion	Ratio	Lower	Upper
252	100		
253	32.6	17.2	25.8#
125	33.8	7.8	11.8#

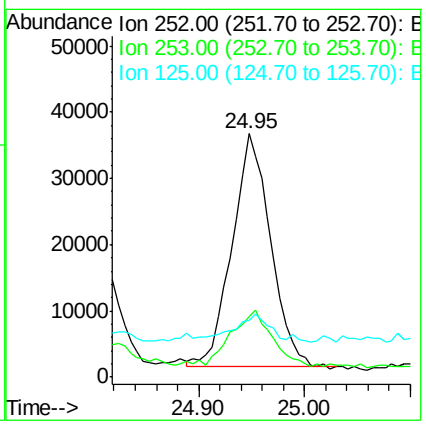


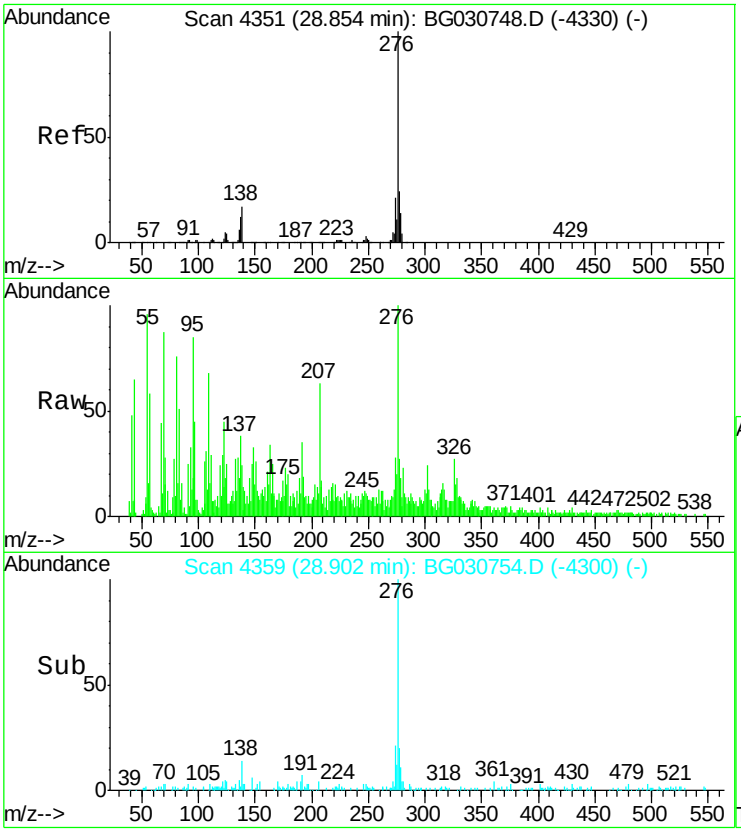


#88
Benzo(a)pyrene
Concen: 2.67 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. 0.02 min
Lab File: BG030754.D
Acq: 6 Nov 2017 00:59

Tgt Ion:252 Resp: 89248

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	23.1	7.8	11.8#



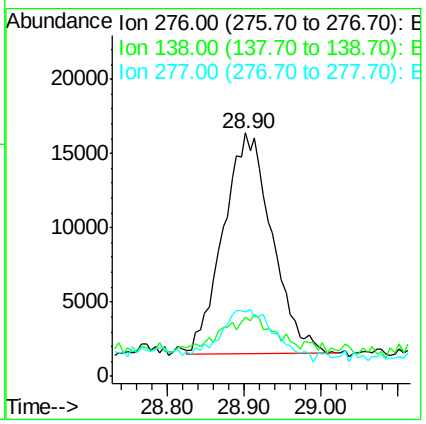


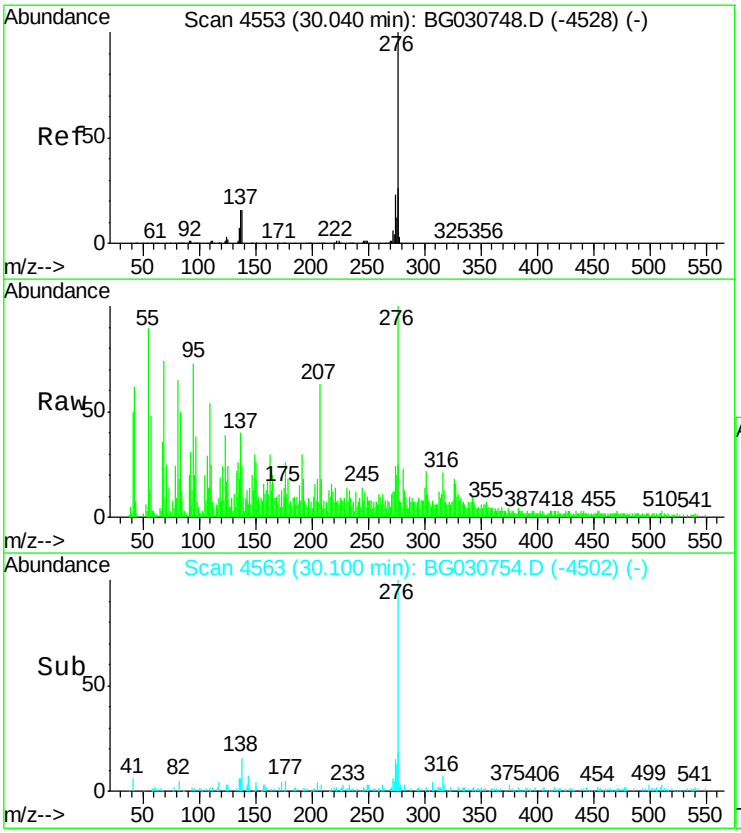
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.74 ng/ul
RT: 28.90 min Scan# 4359
Delta R.T. 0.05 min
Lab File: BG030754.D
Acq: 6 Nov 2017 00:59

Instrument :
BNA_G
ClientSampleId :
B0EA8

Tgt Ion:276 Resp: 65570

Ion	Ratio	Lower	Upper
276	100		
138	24.3	13.4	20.0#
277	26.6	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 2.26 ng/ul
RT: 30.10 min Scan# 4563
Delta R.T. 0.06 min
Lab File: BG030754.D
Acq: 6 Nov 2017 00:59

Tgt Ion:276 Resp: 70879

Ion	Ratio	Lower	Upper
276	100		
138	23.8	12.1	18.1#
277	25.2	17.7	26.5