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

Quantitation Report (Not Reviewed)

Data File : BG030756.D
Acq On : 6 Nov 2017 2:14
Operator : SJ/JU
Sample : I6107-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0EC1

Quant Time: Nov 06 05:51:03 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	70319	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	320576	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.78	164	220541	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	518221	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	535693	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	549684	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	8182	4.73	ng/uL	0.00
5) Phenol-d5	7.32	99	160077	23.72	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.47	67	97001	22.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	135022	28.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	131544	24.13	ng/ul	0.01
19) Nitrobenzene-d5	9.32	128	66962	29.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	81396	34.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	149644	27.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	139163	22.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	496651	26.34	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	627768	27.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	67333	19.34	ng/ul	0.01
57) Fluorene-d10	15.76	176	466336	30.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	19798	7.83	ng/ul	0.01
70) Anthracene-d10	17.61	188	723801	29.53	ng/ul	0.01
76) Pyrene-d10	19.89	212	792519	28.58	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.88	264	795501	30.56	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.34	94	27899	3.99	ng/ul#	87
44) Dimethylphthalate	14.22	163	306291	16.65	ng/ul	98
47) Acenaphthylene	14.50	152	62870	2.69	ng/ul	96
58) Fluorene	15.82	166	31153	1.78	ng/ul#	98
69) Phenanthrene	17.55	178	483347	17.25	ng/ul	98
71) Anthracene	17.64	178	38996	1.35	ng/ul	97
74) Fluoranthene	19.55	202	444641	14.20	ng/ul	99
77) Pyrene	19.92	202	668890	18.63	ng/ul	99
80) Benzo(a)anthracene	21.77	228	255150	7.60	ng/ul	95
82) Chrysene	21.83	228	351522	11.52	ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	344522	10.44	ng/ul	95
86) Benzo(k)fluoranthene	24.05	252	344522	10.80	ng/ul	96
88) Benzo(a)pyrene	24.94	252	216621	6.74	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.89	276	142514	3.92	ng/ul#	92
90) Dibenzo(a,h)anthracene	28.92	278	44346	1.47	ng/ul#	82
91) Benzo(g,h,i)perylene	30.08	276	135573	4.50	ng/ul#	93

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

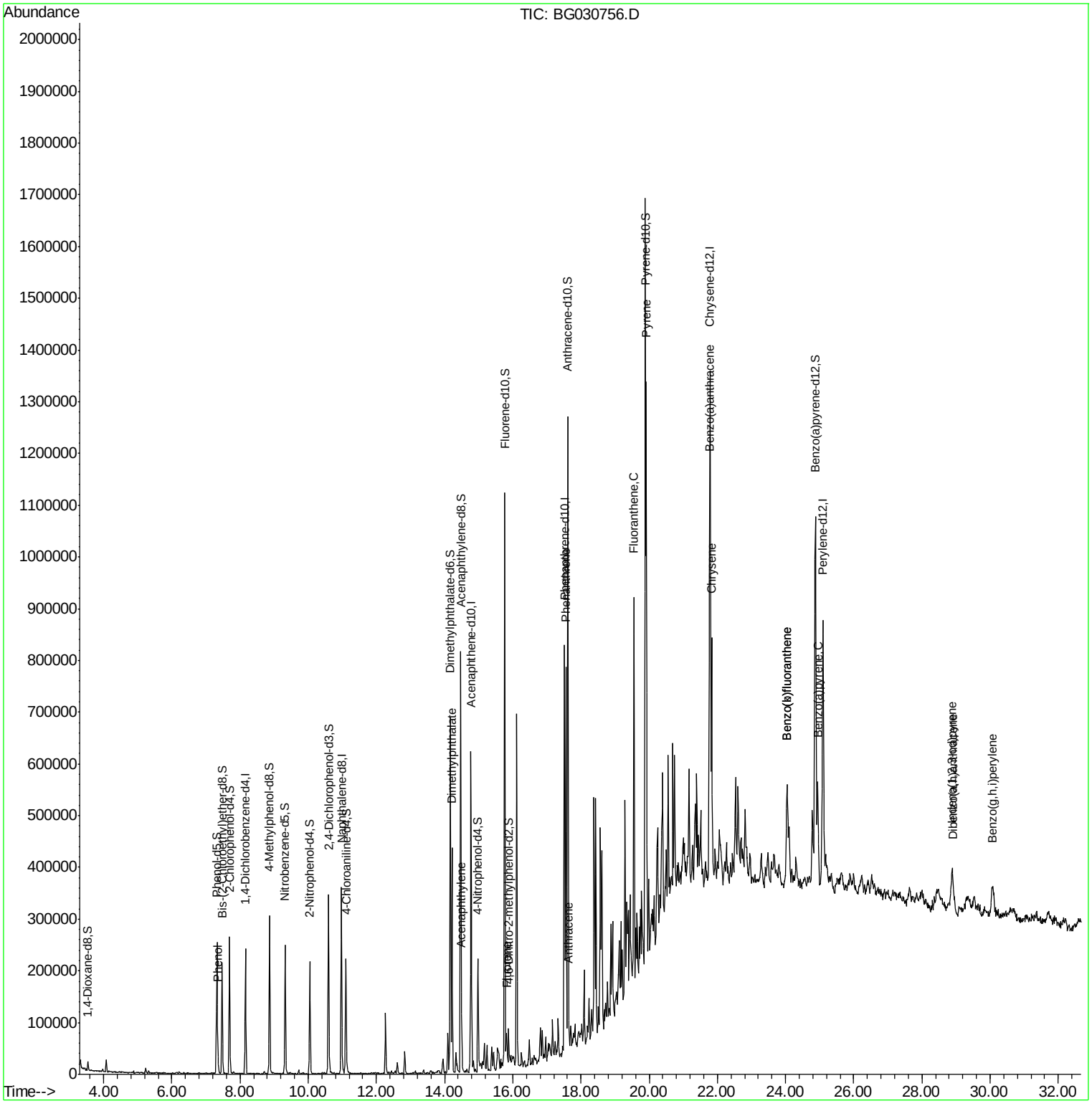
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110517\

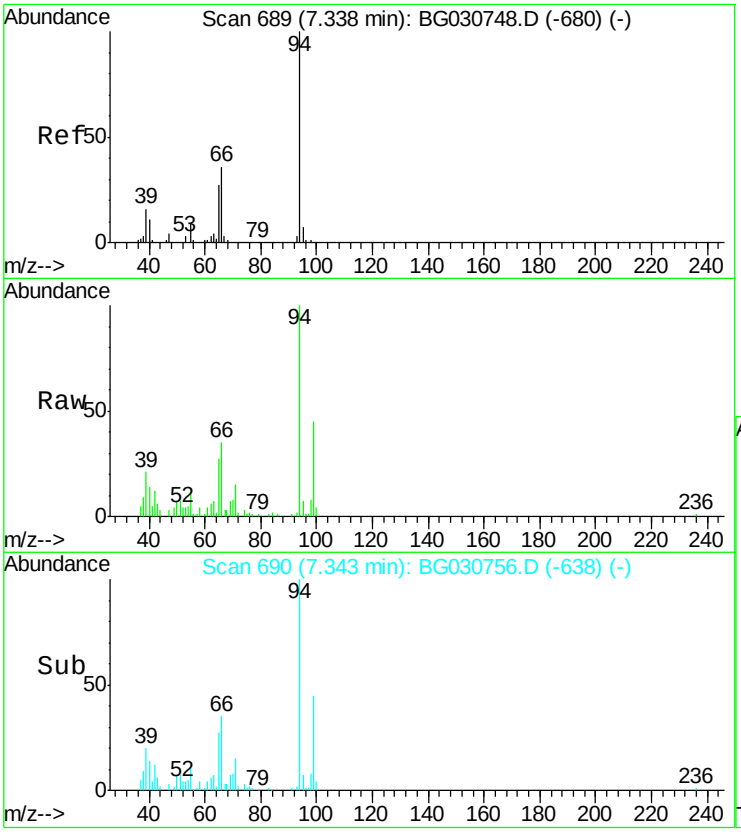
Quantitation Report (Not Reviewed)

Data File : BG030756.D
Acq On : 6 Nov 2017 2:14
Operator : SJ/JU
Sample : I6107-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0EC1

Quant Time: Nov 06 05:51:03 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



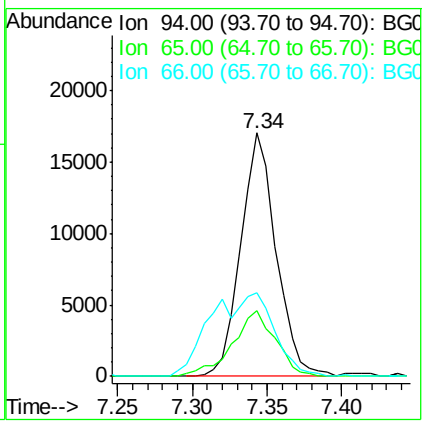


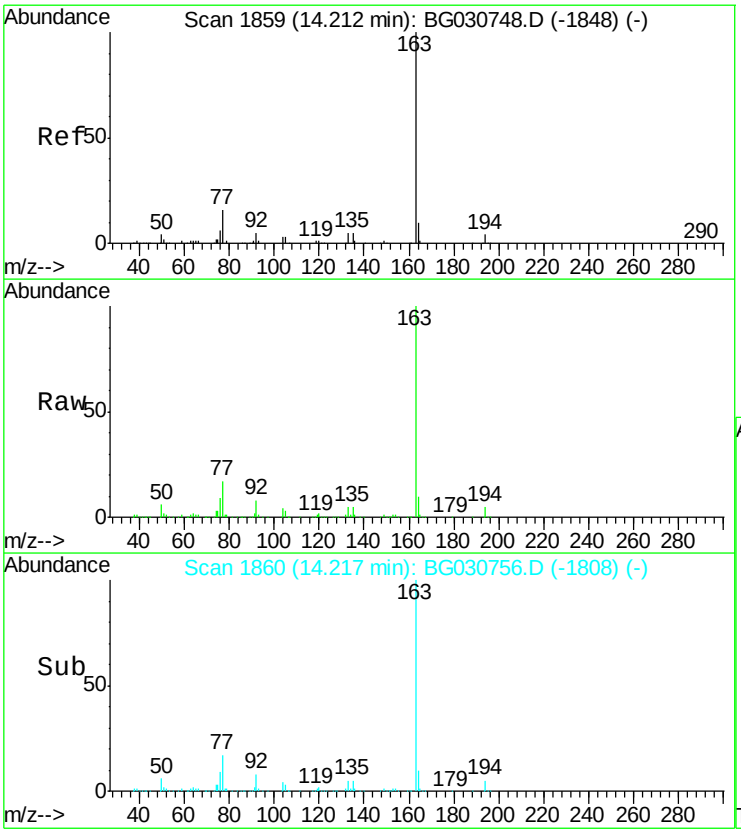
#6
Phenol
Concen: 3.99 ng/ul
RT: 7.34 min Scan# 690
Delta R.T. 0.01 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Instrument :
BNA_G
ClientSampleId :
B0EC1

Tgt Ion: 94 Resp: 27899

Ion	Ratio	Lower	Upper
94	100		
65	27.2	27.1	40.7
66	34.5	34.6	52.0#

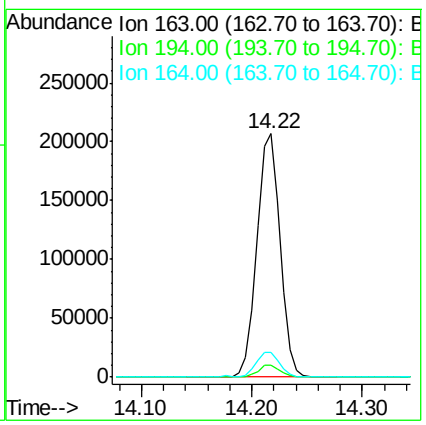


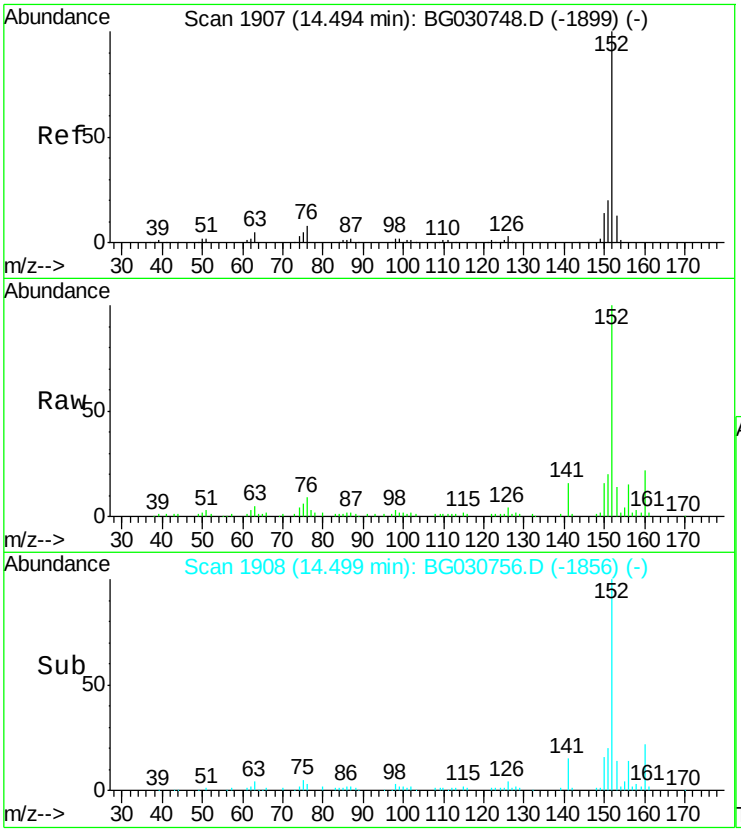


#44
Dimethylphthalate
Concen: 16.65 ng/ul
RT: 14.22 min Scan# 1860
Delta R.T. 0.01 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Tgt Ion:163 Resp: 306291

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.3	7.6	11.4



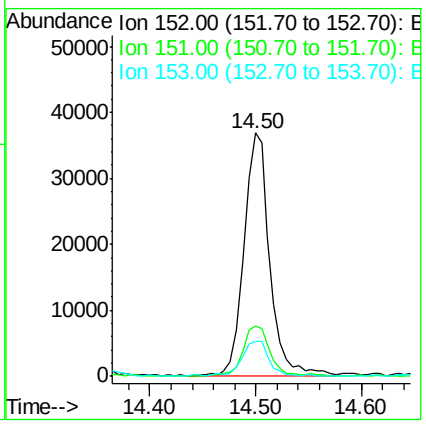


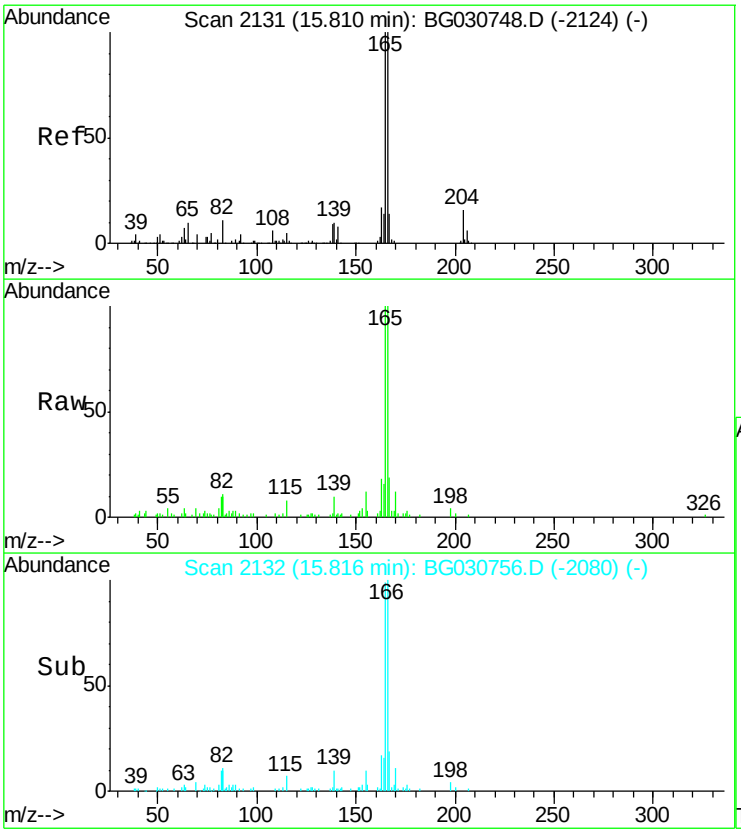
#47
Acenaphthylene
Concen: 2.69 ng/ul
RT: 14.50 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Instrument :
BNA_G
ClientSampleId :
B0EC1

Tgt Ion:152 Resp: 62870

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.2	22.8
153	14.4	10.2	15.4

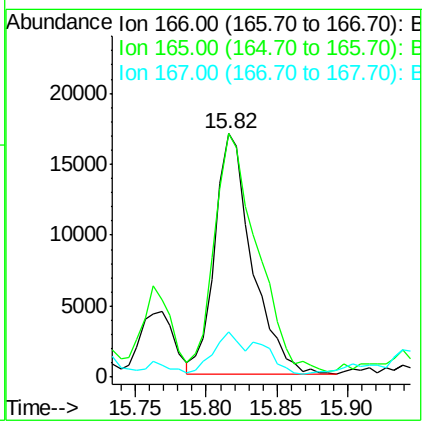


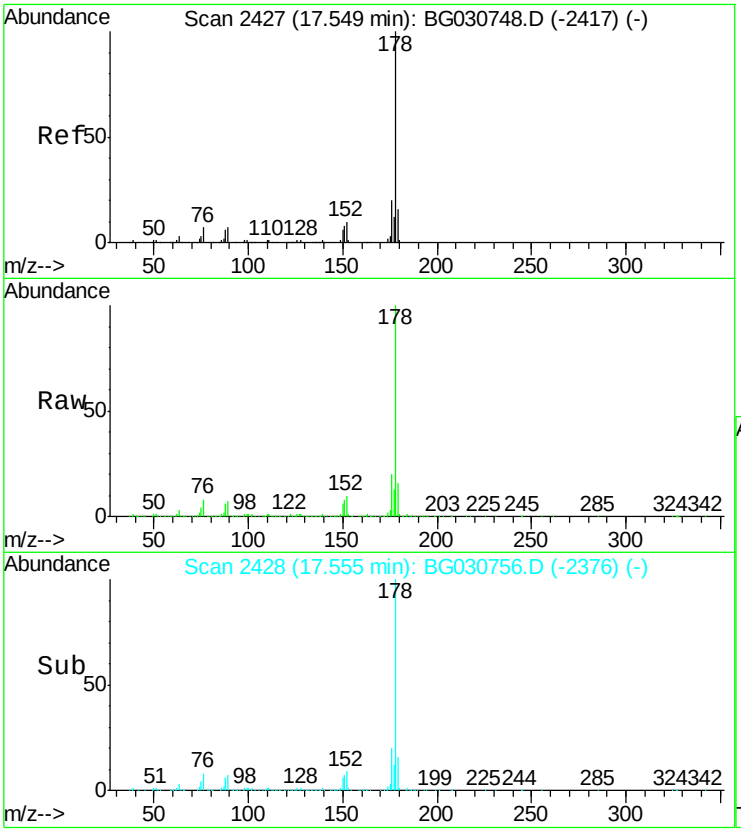


#58
Fluorene
Concen: 1.78 ng/ul
RT: 15.82 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Tgt Ion:166 Resp: 31153

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.9	119.9
167	18.8	10.6	16.0#



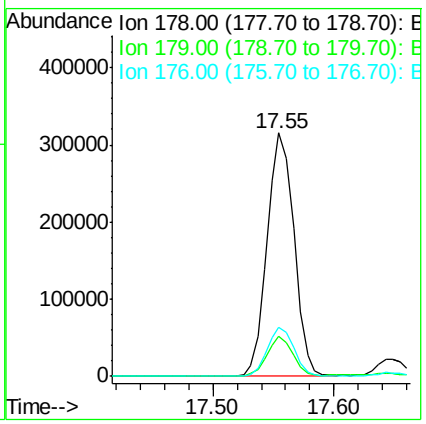


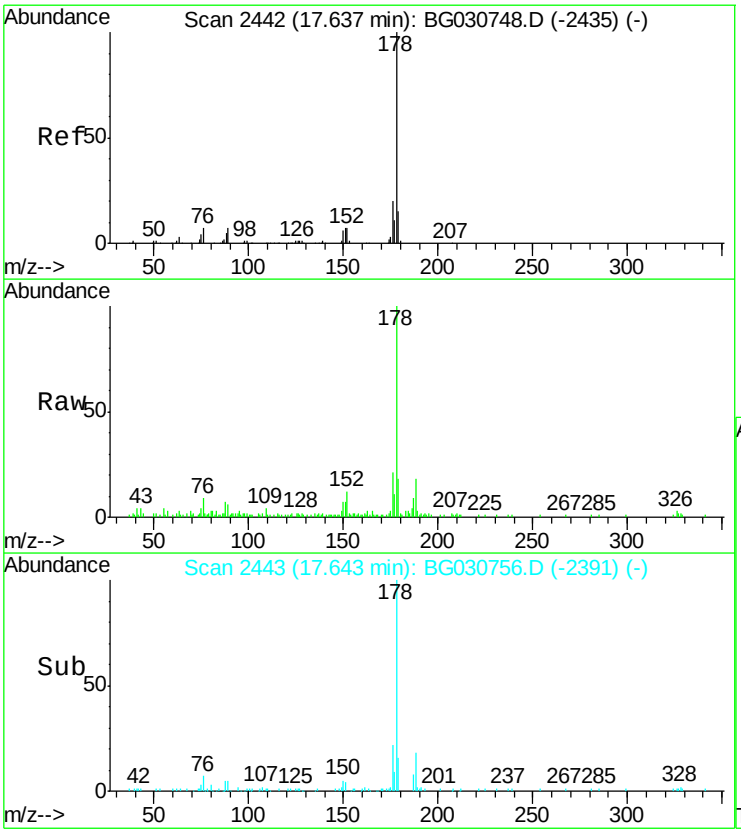
#69
Phenanthrene
Concen: 17.25 ng/ul
RT: 17.55 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Instrument :
BNA_G
ClientSampleId :
B0EC1

Tgt Ion:178 Resp: 483347

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.6
176	20.3	15.3	22.9

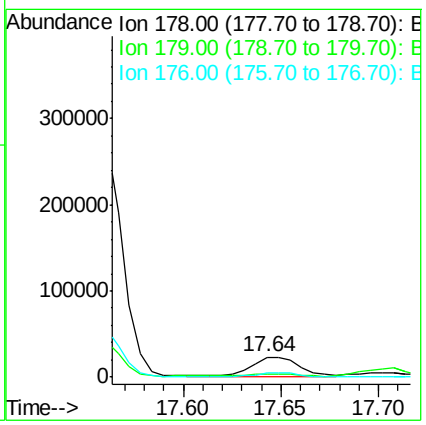


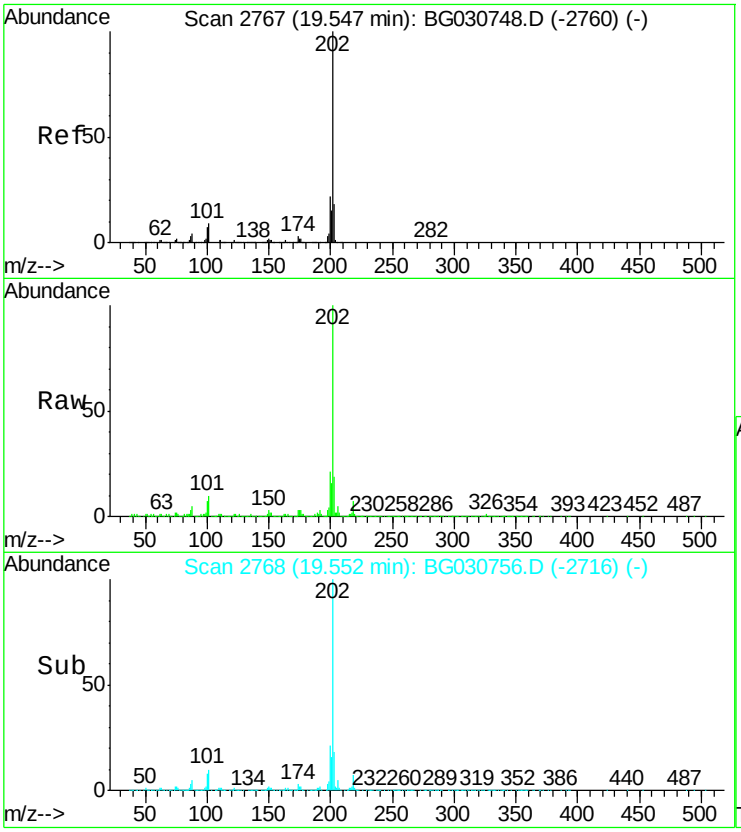


#71
Anthracene
Concen: 1.35 ng/ul
RT: 17.64 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Tgt Ion:178 Resp: 38996

Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.2	19.8
176	21.4	16.0	24.0



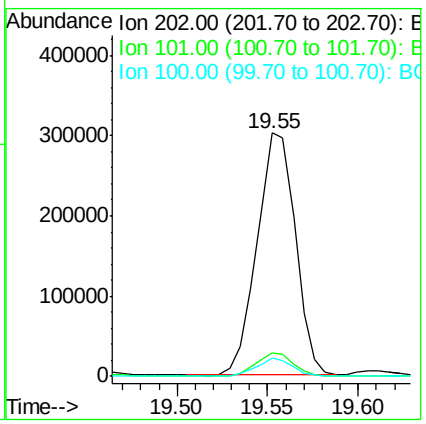


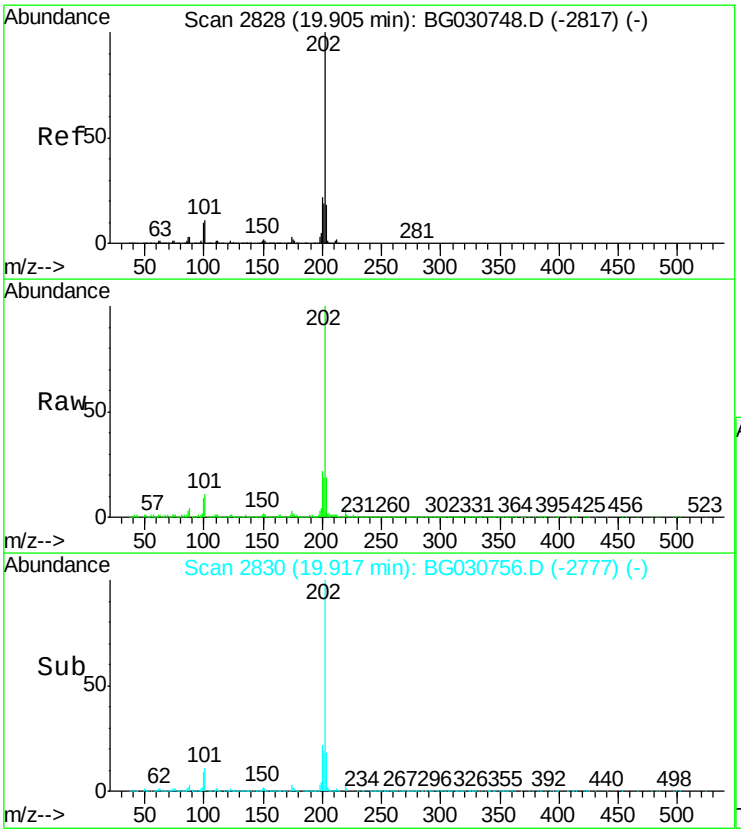
#74
Fluoranthene
Concen: 14.20 ng/ul
RT: 19.55 min Scan# 2768
Delta R.T. 0.01 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Instrument :
BNA_G
ClientSampleId :
B0EC1

Tgt Ion:202 Resp: 444641

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.4	11.2
100	7.5	5.6	8.4

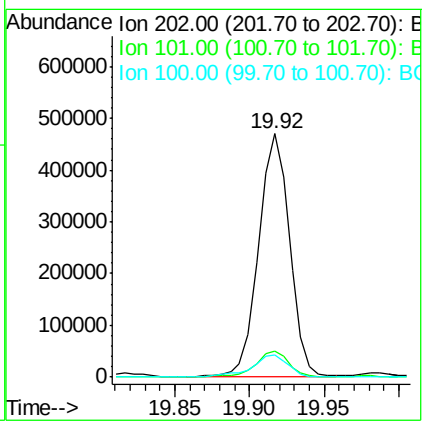


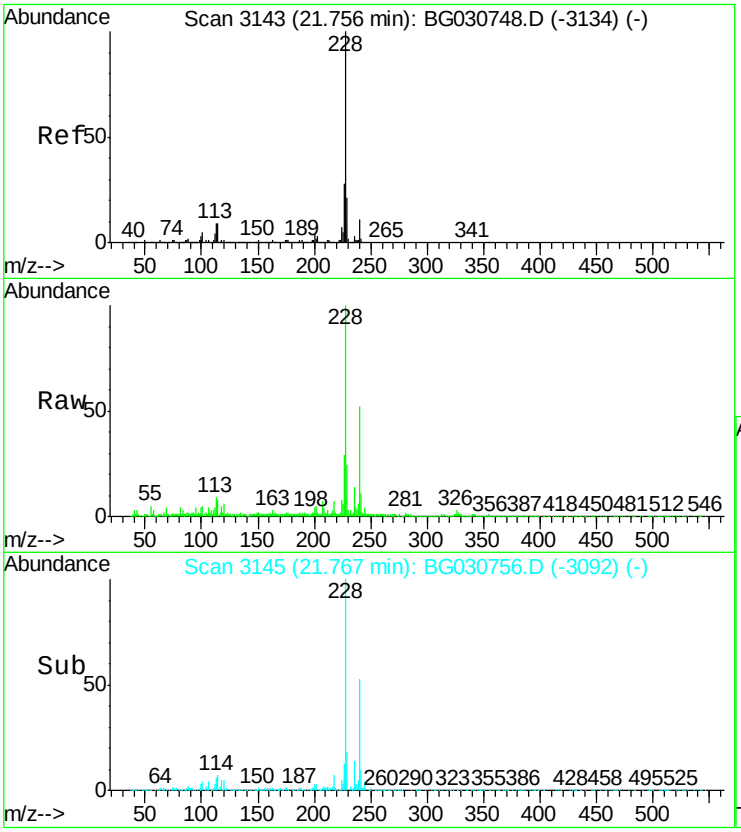


#77
Pyrene
Concen: 18.63 ng/ul
RT: 19.92 min Scan# 2830
Delta R.T. 0.01 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Tgt Ion:202 Resp: 668890

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
100	9.2	7.0	10.6



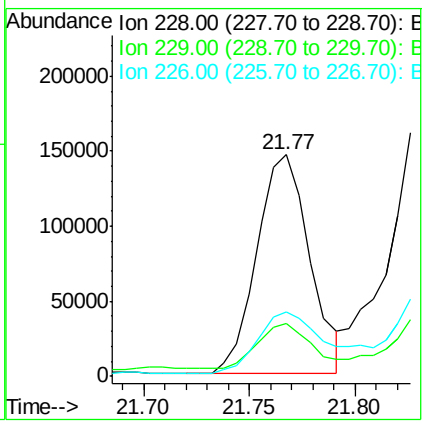


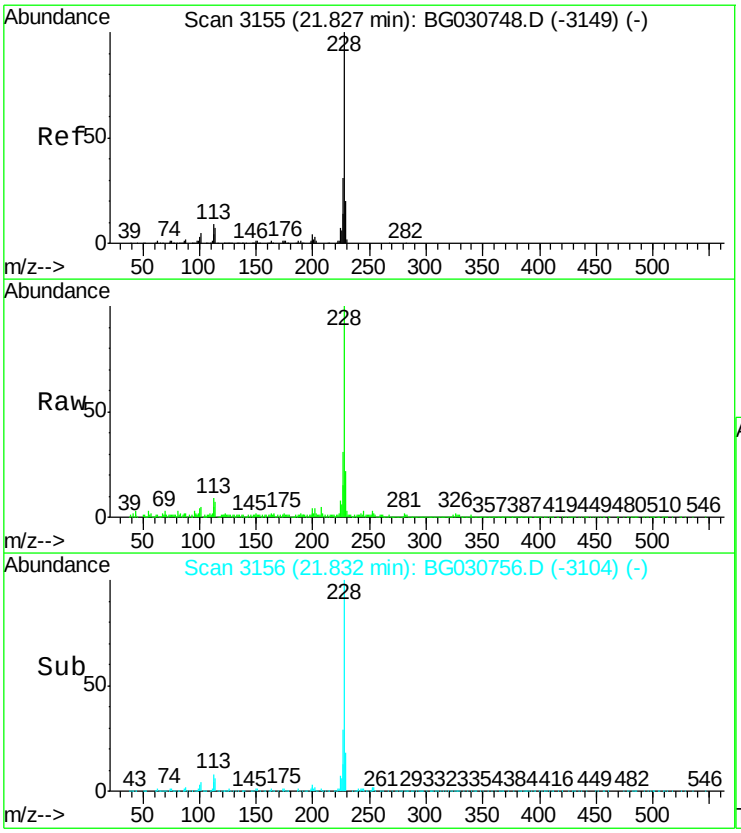
#80
Benzo(a)anthracene
Concen: 7.60 ng/ul
RT: 21.77 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Instrument :
BNA_G
ClientSampleId :
B0EC1

Tgt Ion:228 Resp: 255150

Ion	Ratio	Lower	Upper
228	100		
229	23.8	16.2	24.4
226	28.9	22.2	33.2

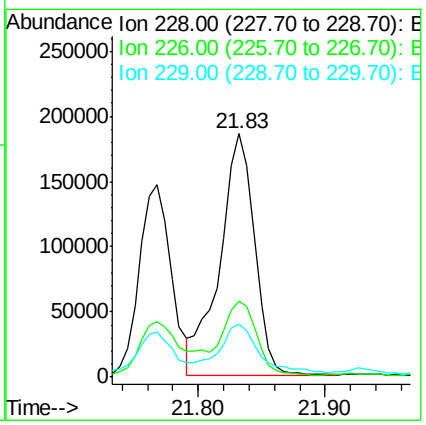


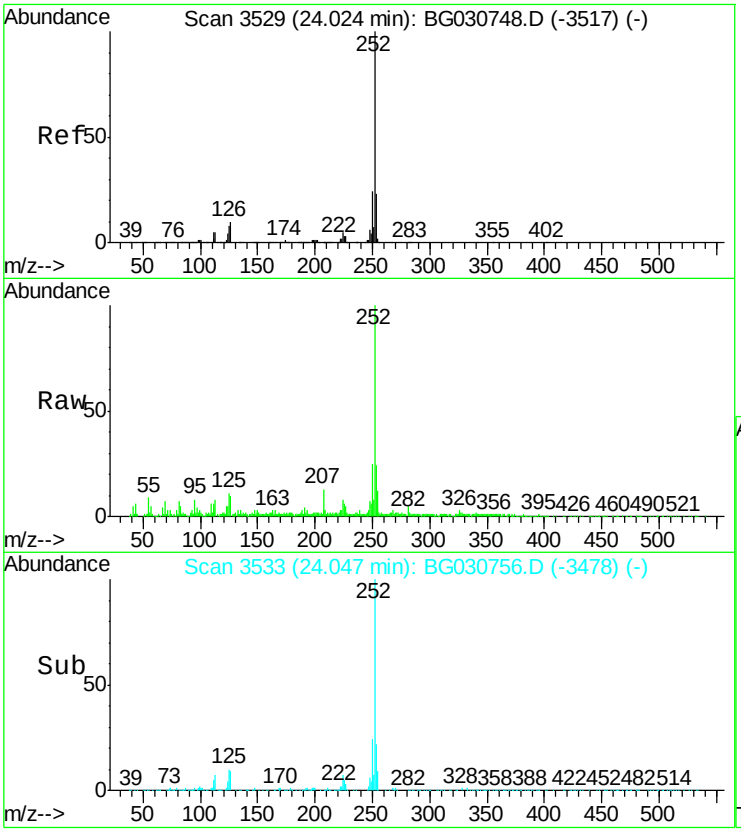


#82
Chrysene
Concen: 11.52 ng/ul
RT: 21.83 min Scan# 3156
Delta R.T. 0.01 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Tgt Ion:228 Resp: 351522

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	21.7	15.2	22.8



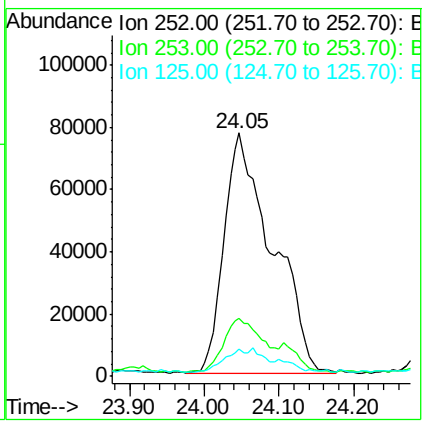


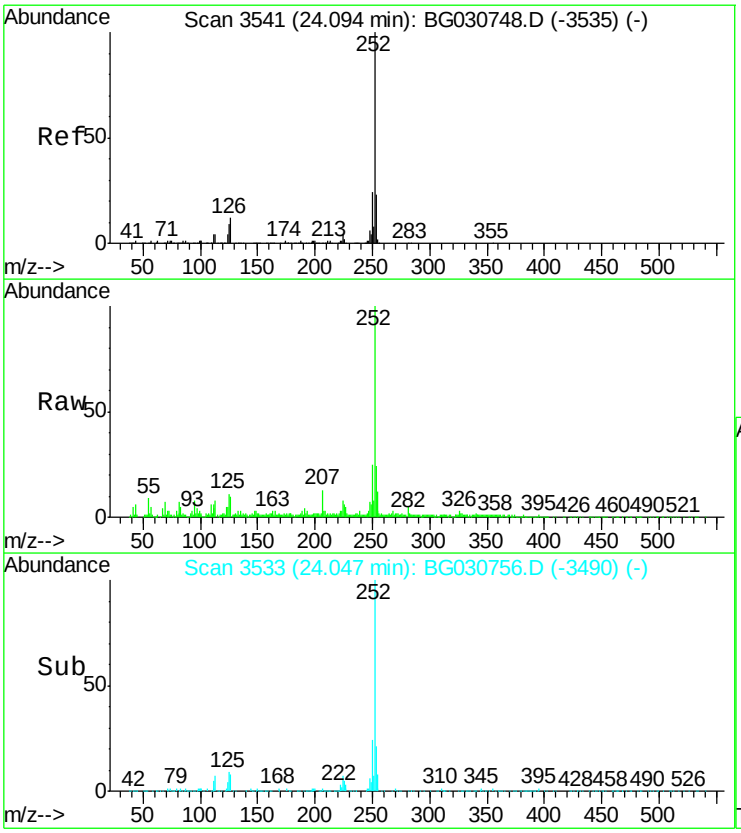
#85
Benzo(b)fluoranthene
Concen: 10.44 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. 0.02 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Instrument :
BNA_G
ClientSampleId :
B0EC1

Tgt Ion:252 Resp: 344522

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.4
125	11.3	7.5	11.3

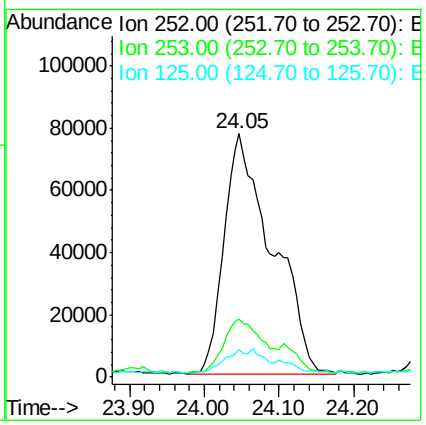


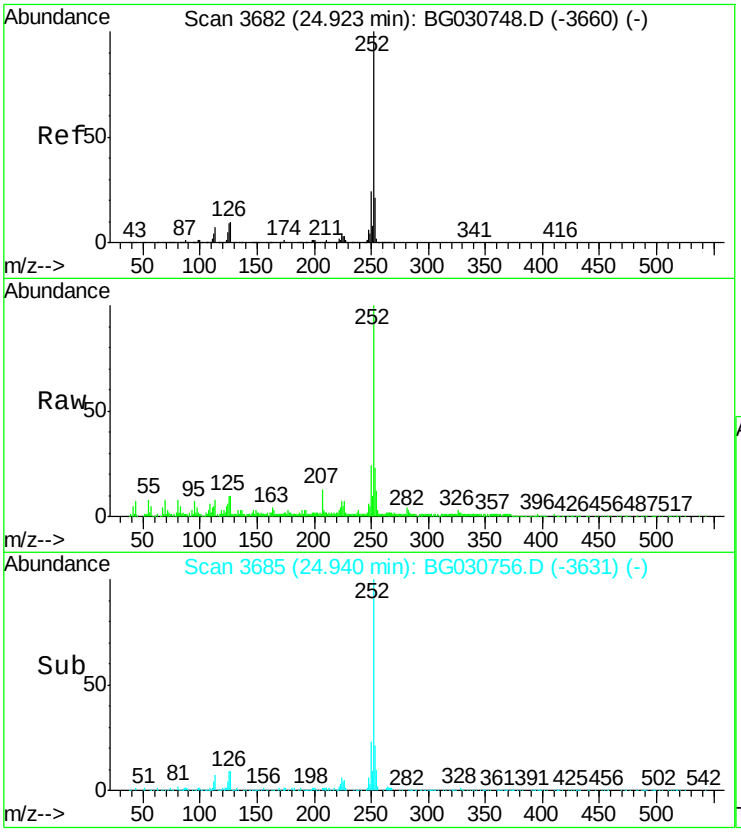


#86
Benzo(k)fluoranthene
Concen: 10.80 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. -0.05 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Tgt Ion:252 Resp: 344522

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	11.3	7.8	11.8



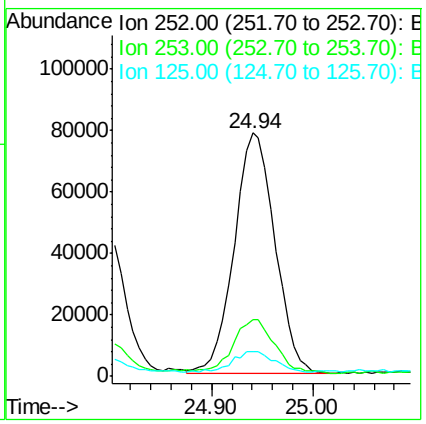


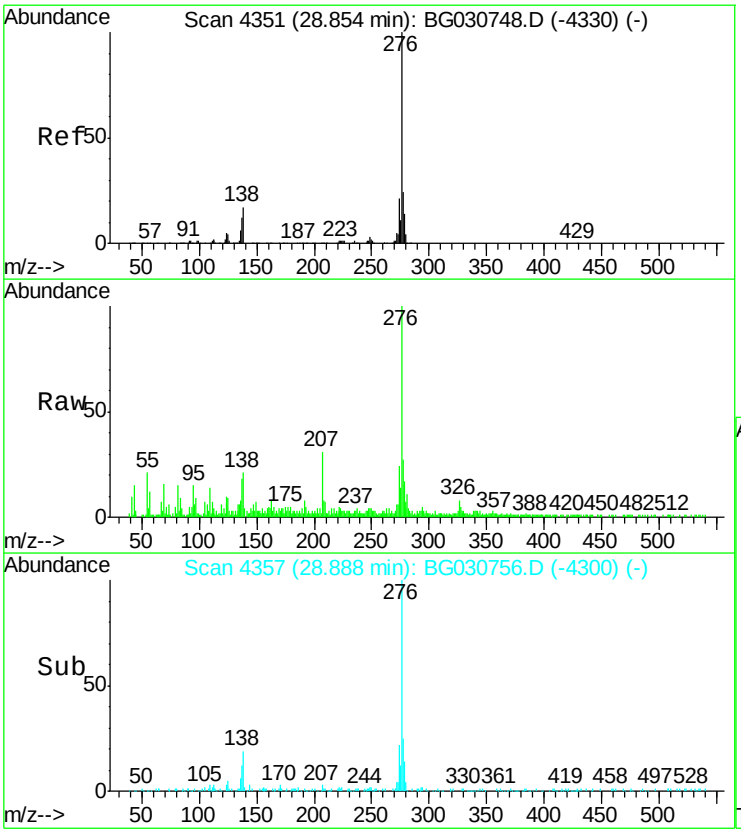
#88
Benzo(a)pyrene
Concen: 6.74 ng/ul
RT: 24.94 min Scan# 3685
Delta R.T. 0.02 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Instrument :
BNA_G
ClientSampleId :
B0EC1

Tgt Ion:252 Resp: 216621

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	10.2	7.8	11.8

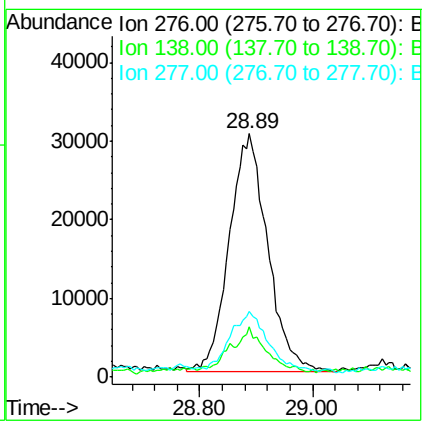


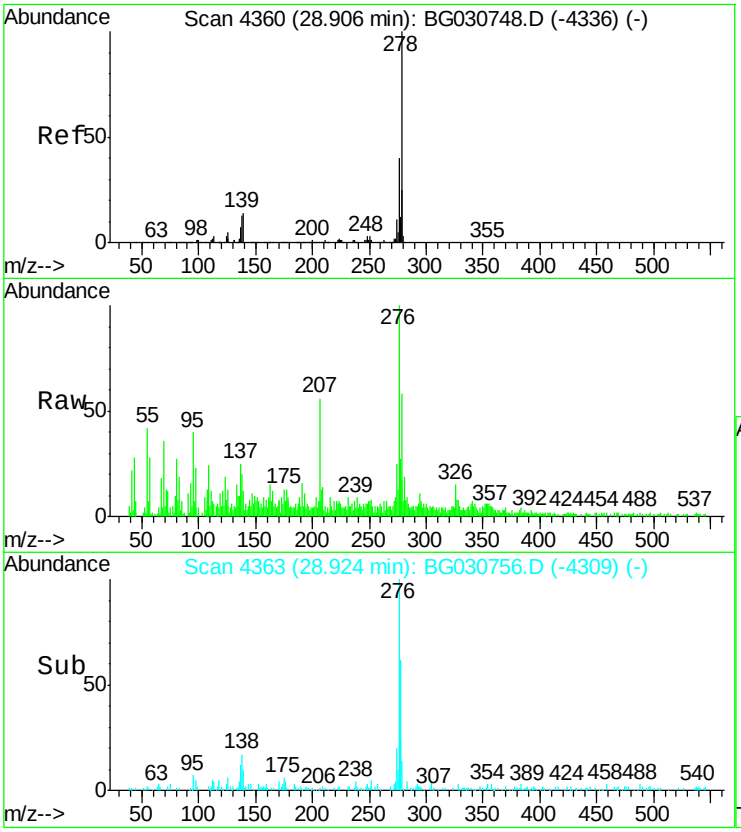


#89
Indeno(1,2,3-cd)pyrene
Concen: 3.92 ng/ul
RT: 28.89 min Scan# 4357
Delta R.T. 0.03 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Tgt Ion:276 Resp: 142514

Ion	Ratio	Lower	Upper
276	100		
138	20.9	13.4	20.0#
277	26.8	18.6	28.0



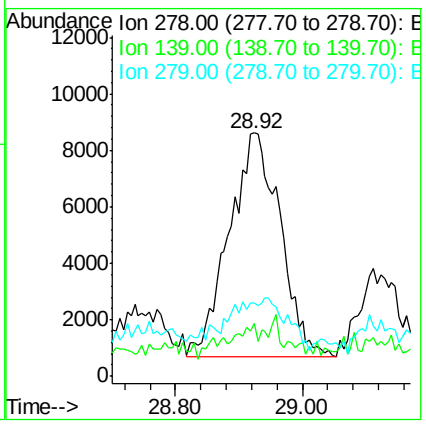


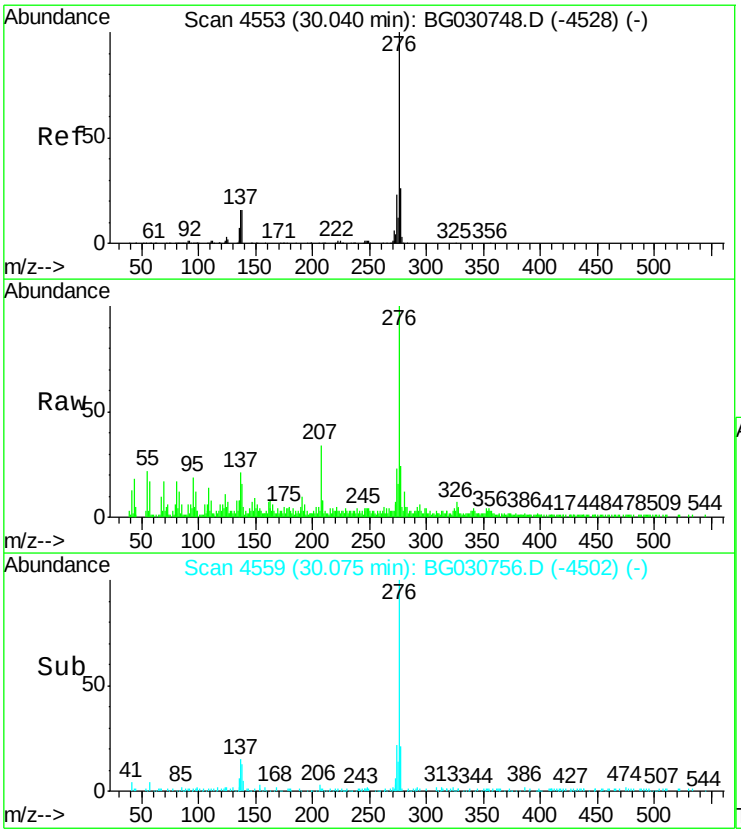
#90
Dibenzo(a,h)anthracene
Concen: 1.47 ng/ul
RT: 28.92 min Scan# 4363
Delta R.T. 0.02 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Instrument :
BNA_G
ClientSampleId :
B0EC1

Tgt Ion:278 Resp: 44346

Ion	Ratio	Lower	Upper
278	100		
139	21.6	9.4	14.2#
279	30.0	18.4	27.6#





#91
Benzo(g,h,i)perylene
Concen: 4.50 ng/ul
RT: 30.08 min Scan# 4559
Delta R.T. 0.03 min
Lab File: BG030756.D
Acq: 6 Nov 2017 2:14

Tgt Ion:276 Resp: 135573

Ion	Ratio	Lower	Upper
276	100		
138	20.2	12.1	18.1#
277	23.7	17.7	26.5