Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110817\
Data File : BG030854.D
Acq On : 8 Nov 2017 20:21
Operator : SJ/JU
Sample : I6245-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0EY0

Quant Time: Nov 09 03:18:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 03:14:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	69335	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	331500	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	208135	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	481597	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	530545	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	560251	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	5804	3.40	ng/uL	0.00
5) Phenol-d5	7.31	99	120987	18.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	75113	18.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	102154	21.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	86251	16.05	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	53293	22.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	65158	26.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	113634	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	71752	11.11	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	369672	20.78	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	472322	21.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	43230	13.16	ng/ul	0.00
57) Fluorene-d10	15.76	176	337889	23.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	41792	17.78	ng/ul	0.00
70) Anthracene-d10	17.61	188	514525	22.59	ng/ul	0.00
76) Pyrene-d10	19.88	212	596067	21.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	621368	23.42	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.34	94	24532	3.563	ng/ul	93
28) Naphthalene	11.01	128	18792	1.071	ng/ul#	92
34) 2-Methylnaphthalene	12.61	142	18083	1.245	ng/ul	94
44) Dimethylphthalate	14.21	163	139372	8.030	ng/ul	99
47) Acenaphthylene	14.50	152	95939	4.346	ng/ul#	93
58) Fluorene	15.81	166	44311	2.690	ng/ul	100
69) Phenanthrene	17.55	178	791640	30.407	ng/ul	98
71) Anthracene	17.64	178	80197	2.986	ng/ul	100
72) Carbazole	17.91	167	31962	1.324	ng/ul	94
73) Di-n-butylphthalate	18.45	149	71402	2.461	ng/ul#	97
74) Fluoranthene	19.55	202	1029431	35.380	ng/ul	99
77) Pyrene	19.91	202	1230576	34.608	ng/ul	97
80) Benzo(a)anthracene	21.76	228	559918	16.840	ng/ul	97
82) Chrysene	21.76	228	563062	18.638	ng/ul	95
85) Benzo(b)fluoranthene	24.04	252	664180	19.747	ng/ul	98
86) Benzo(k)fluoranthene	24.04	252	664180	20.424	ng/ul	98
88) Benzo(a)pyrene	24.94	252	528610	16.146	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.88	276	351811	9.498	ng/ul	97
90) Dibenzo(a,h)anthracene	28.92	278	102578	3.334	ng/ul#	88
91) Benzo(g,h,i)perylene	30.07	276	314331	10.238	ng/ul	96

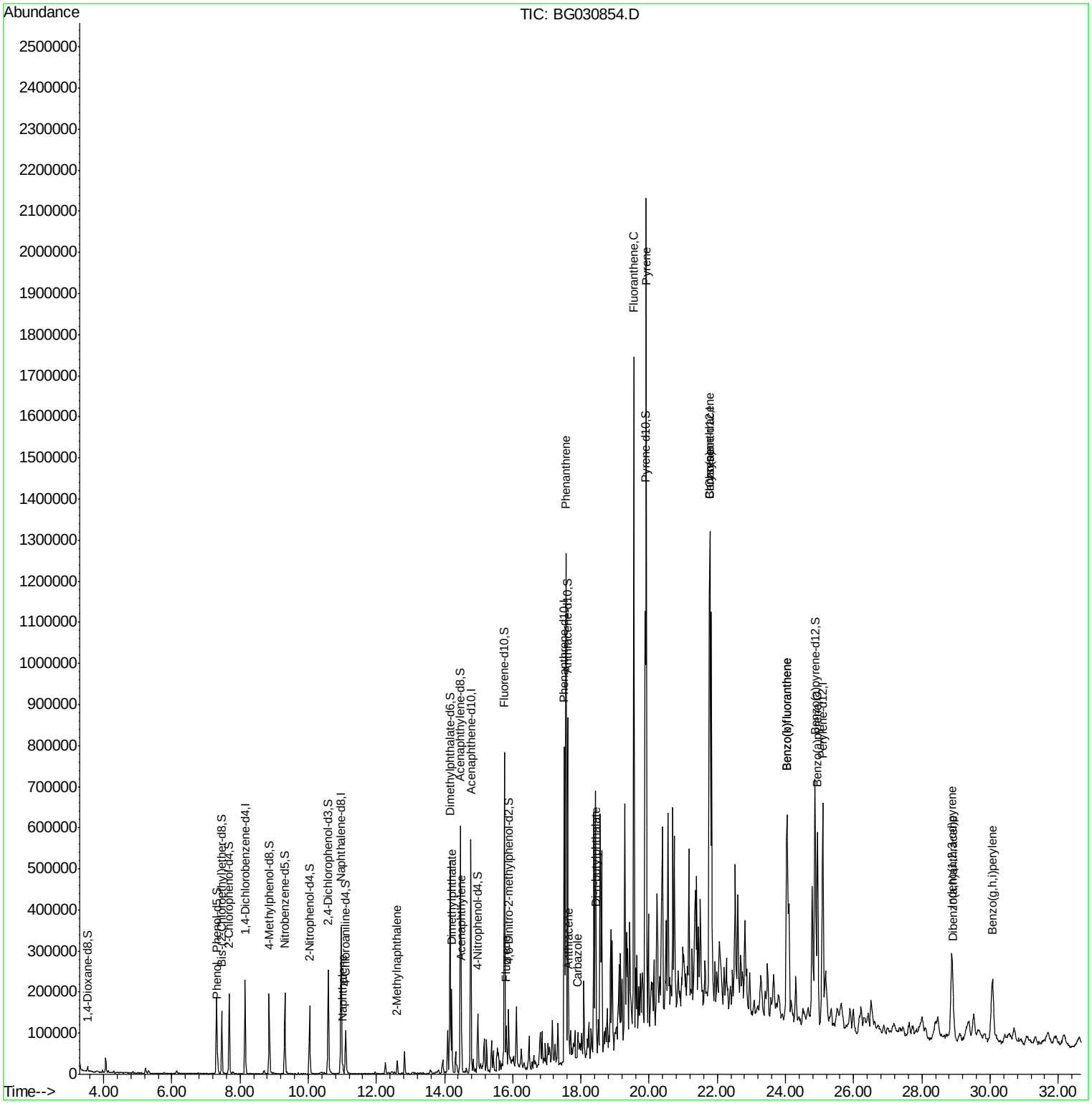
(#) = qualifier out of range (m) = manual integration (+) = signals summed

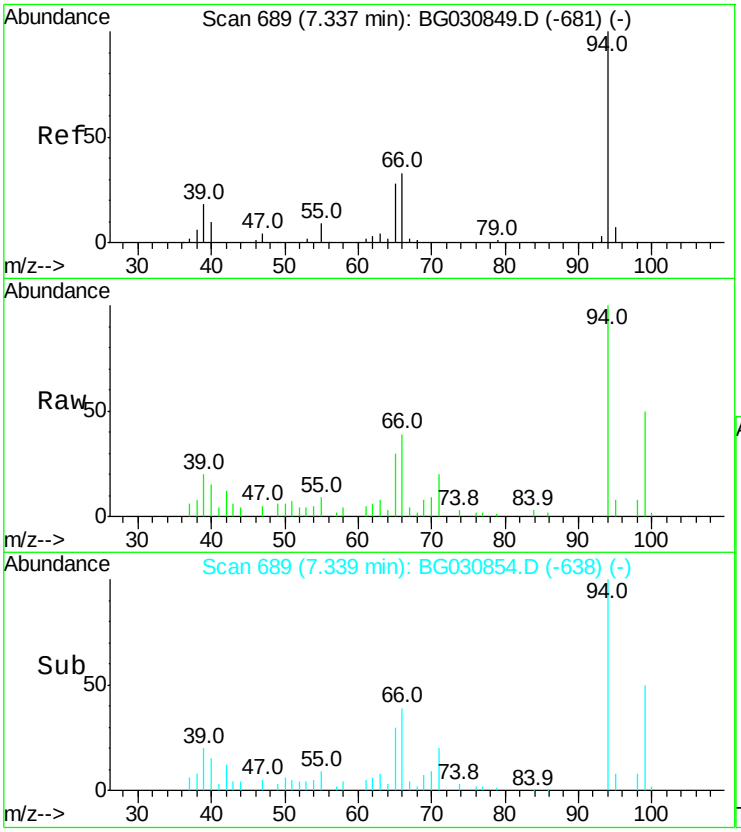
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110817\
Data File : BG030854.D
Acq On : 8 Nov 2017 20:21
Operator : SJ/JU
Sample : I6245-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0EY0

Quant Time: Nov 09 03:18:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 03:14:53 2017
Response via : Initial Calibration



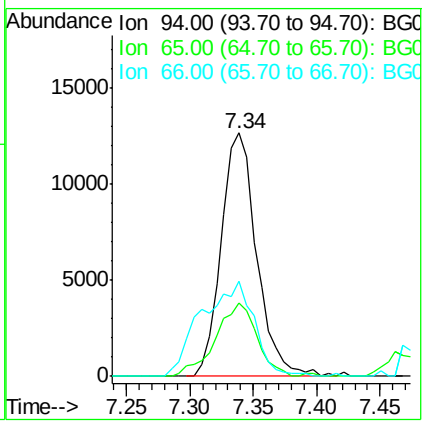


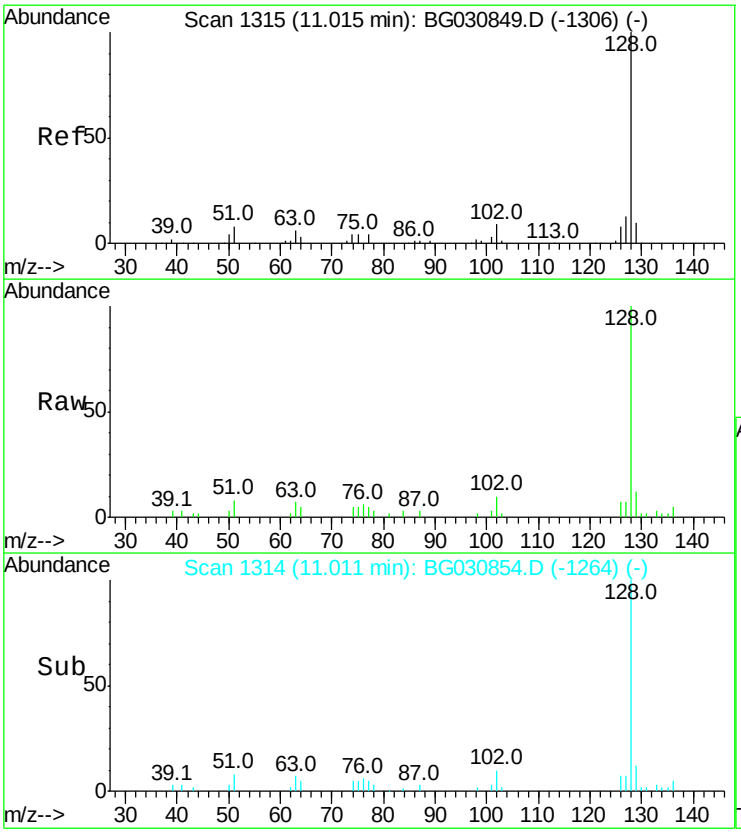
#6
Phenol
Concen: 3.563 ng/ul
RT: 7.34 min Scan# 689
Delta R.T. 0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Instrument :
BNA_G
ClientSampleId :
B0EY0

Tgt Ion: 94 Resp: 24532

Ion	Ratio	Lower	Upper
94	100		
65	30.1	27.1	40.7
66	38.9	34.6	52.0

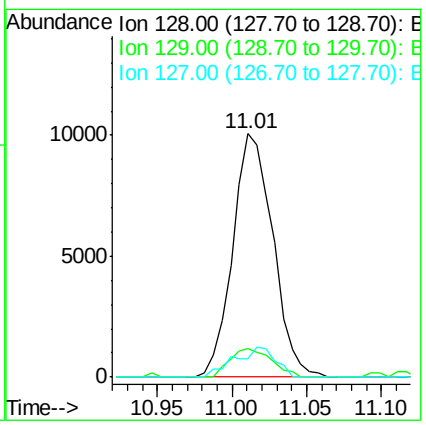


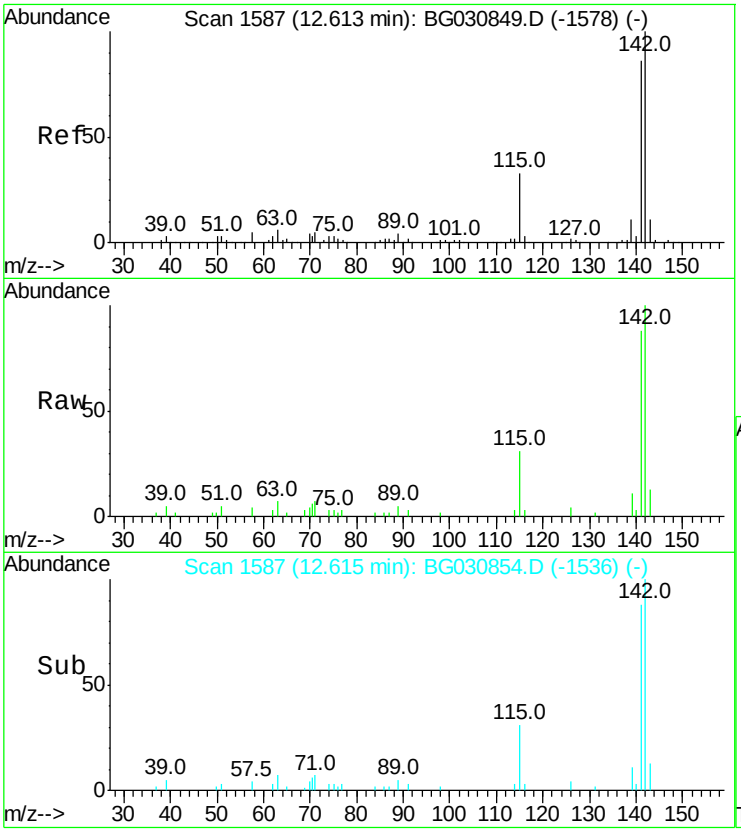


#28
Naphthalene
Concen: 1.071 ng/ul
RT: 11.01 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Tgt Ion:128 Resp: 18792

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	7.5	10.7	16.1#



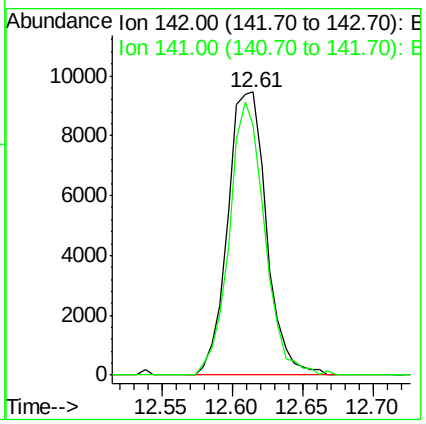


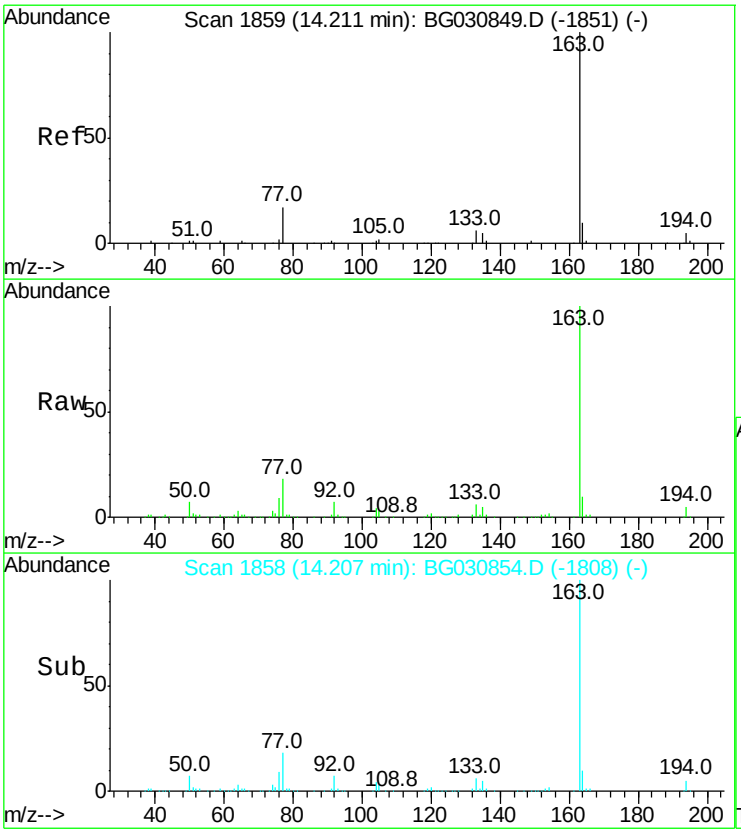
#34
2-Methylnaphthalene
Concen: 1.245 ng/ul
RT: 12.61 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Instrument :
BNA_G
ClientSampleId :
B0EY0

Tgt Ion:142 Resp: 18083

Ion	Ratio	Lower	Upper
142	100		
141	88.4	75.4	113.0

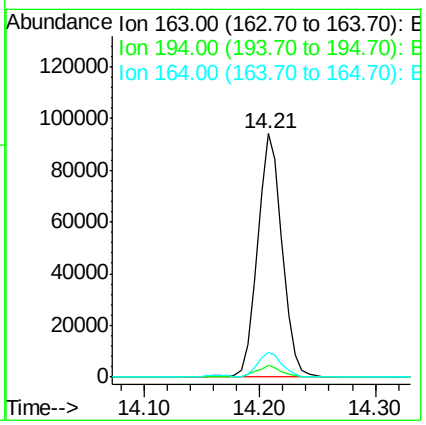


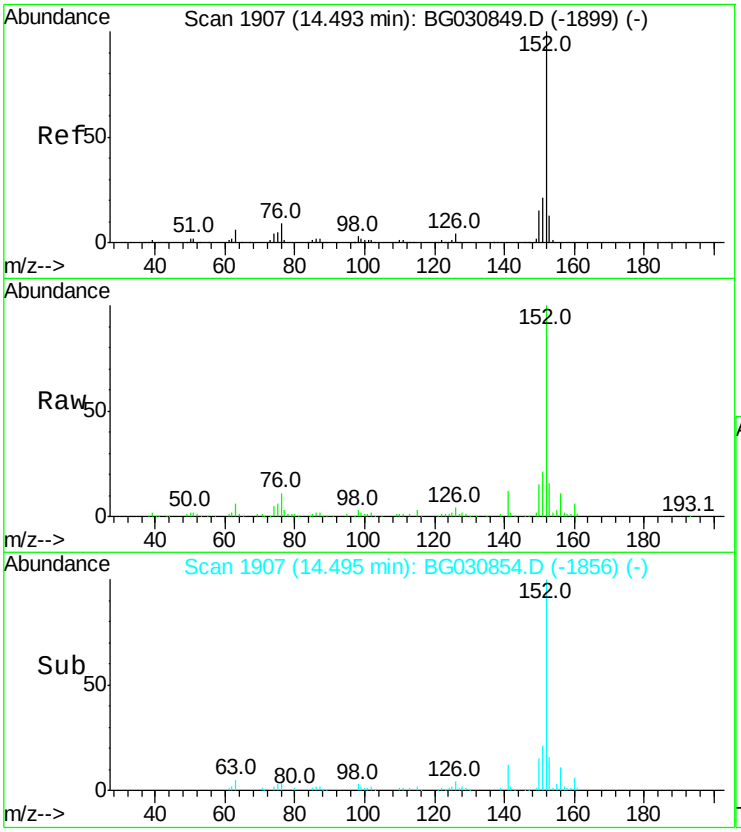


#44
Dimethylphthalate
Concen: 8.030 ng/ul
RT: 14.21 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Tgt Ion:163 Resp: 139372

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	9.9	7.6	11.4



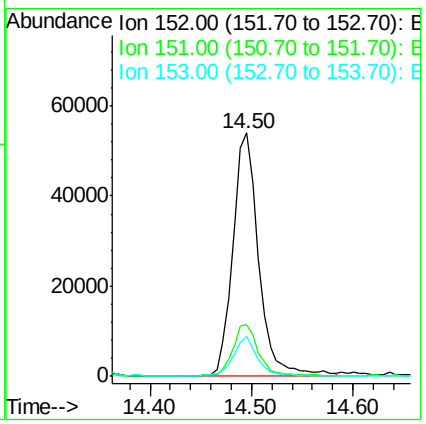


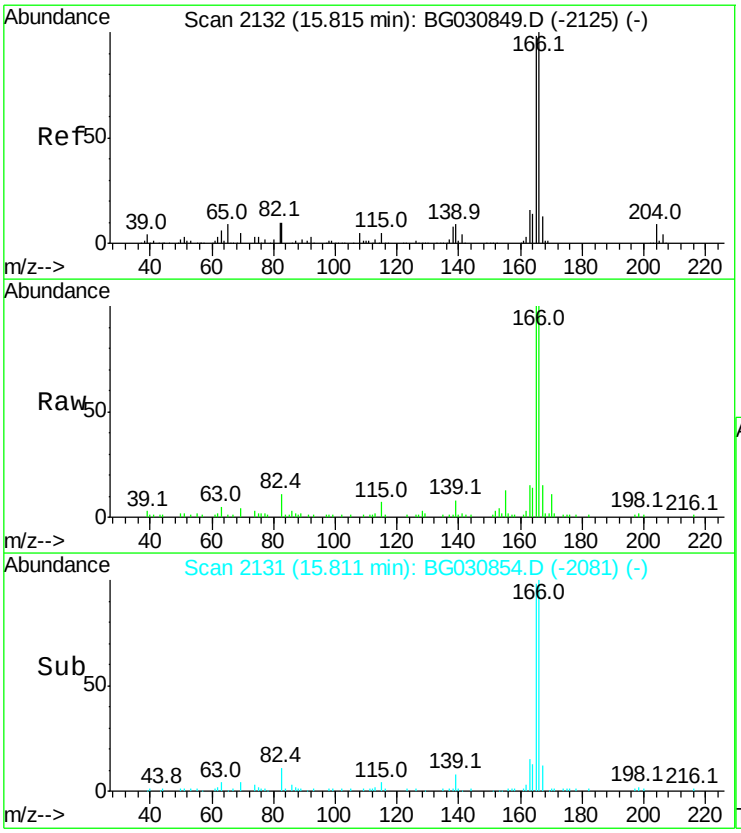
#47
Acenaphthylene
Concen: 4.346 ng/ul
RT: 14.50 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Instrument :
BNA_G
ClientSampleId :
B0EY0

Tgt Ion:152 Resp: 95939

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.2	22.8
153	16.3	10.2	15.4#

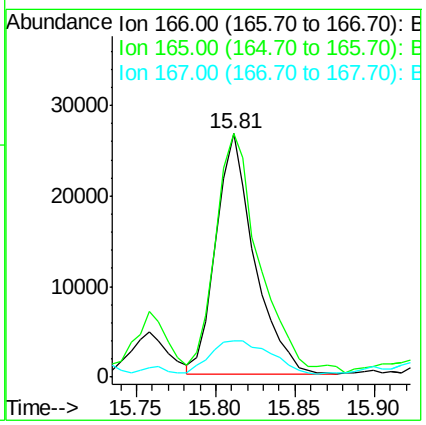


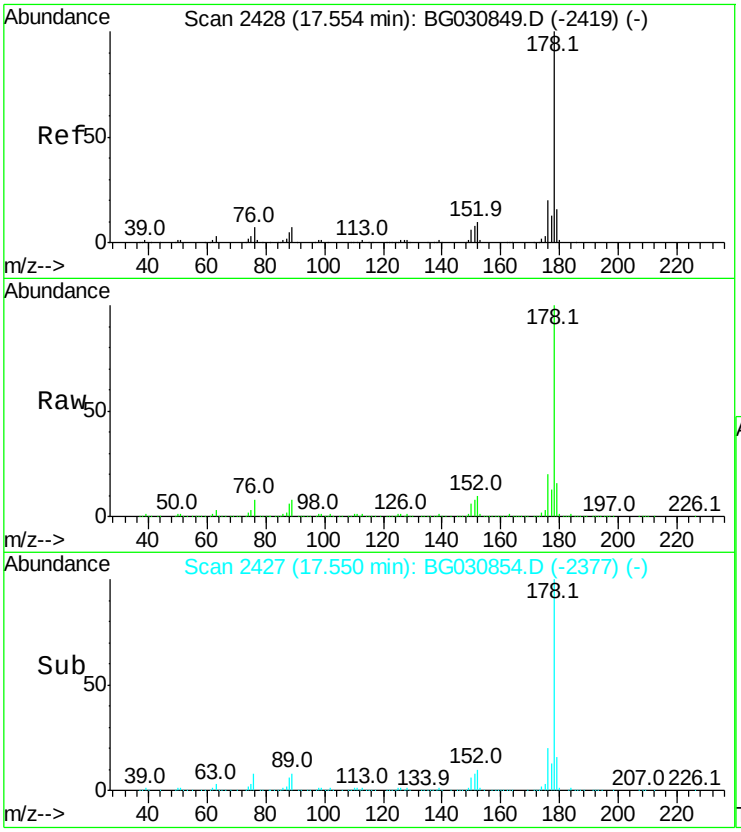


#58
Fluorene
Concen: 2.690 ng/ul
RT: 15.81 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Tgt Ion:166 Resp: 44311

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.9	119.9
167	14.6	10.6	16.0



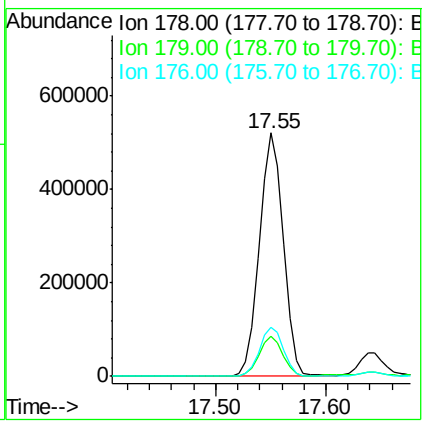


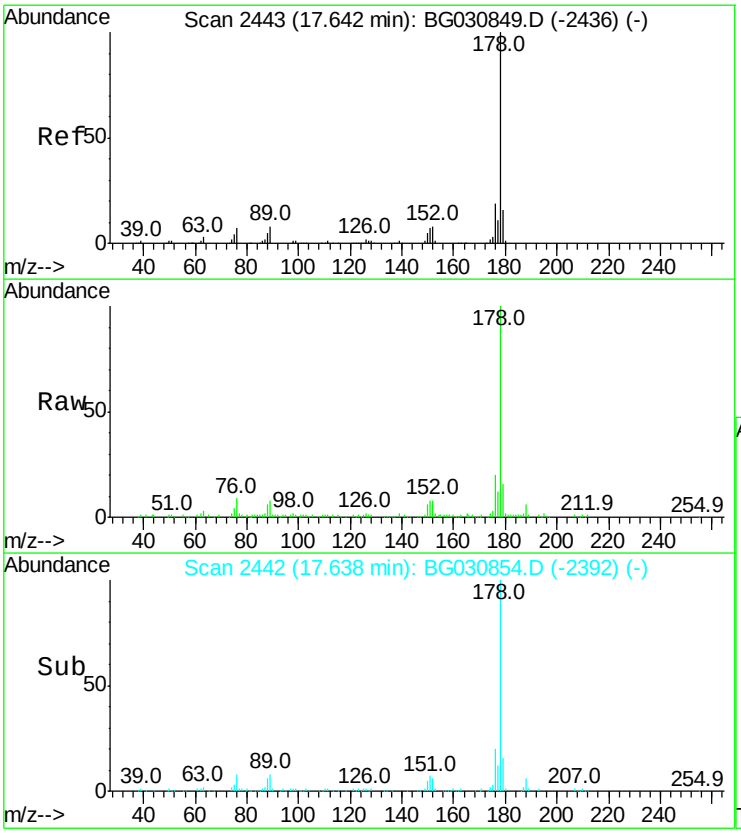
#69
Phenanthrene
Concen: 30.407 ng/ul
RT: 17.55 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Instrument :
BNA_G
ClientSampleId :
B0EY0

Tgt Ion:178 Resp: 791640

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

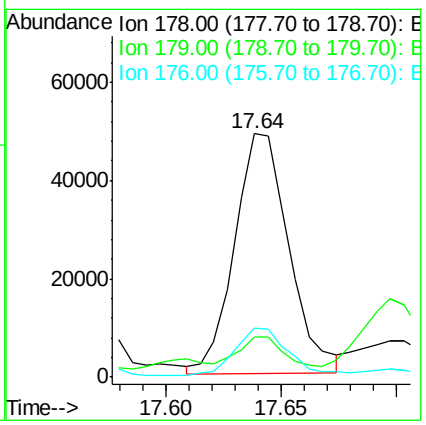


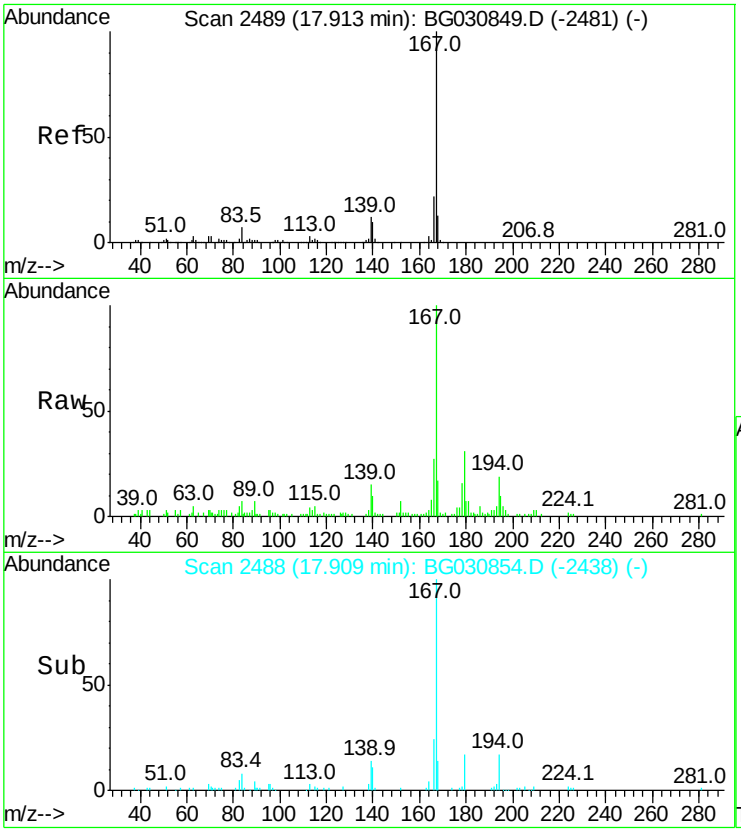


#71
Anthracene
Concen: 2.986 ng/ul
RT: 17.64 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Tgt Ion:178 Resp: 80197

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.2	19.8
176	20.3	16.0	24.0



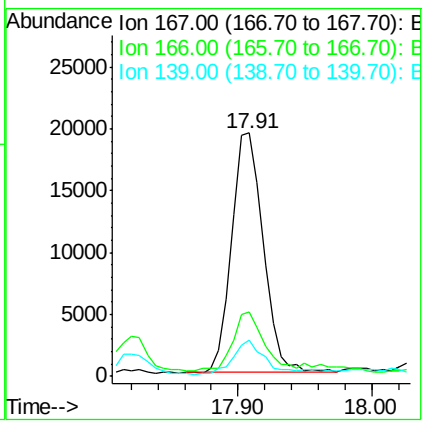


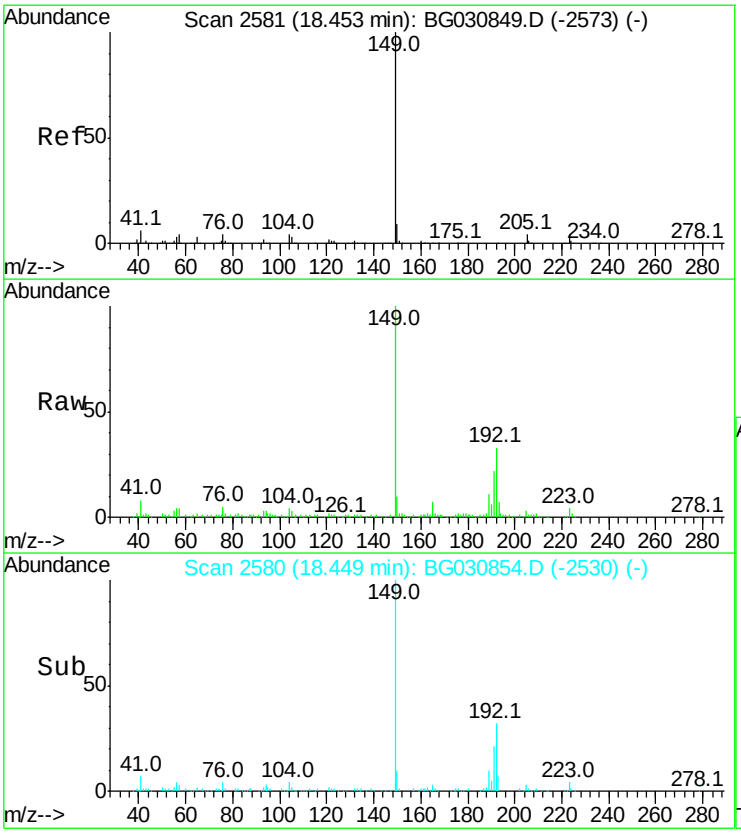
#72
Carbazole
Concen: 1.324 ng/ul
RT: 17.91 min Scan# 2488
Delta R.T. -0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Instrument :
BNA_G
ClientSampleId :
B0EY0

Tgt Ion:167 Resp: 31962

Ion	Ratio	Lower	Upper
167	100		
166	26.6	18.6	28.0
139	14.8	10.6	16.0

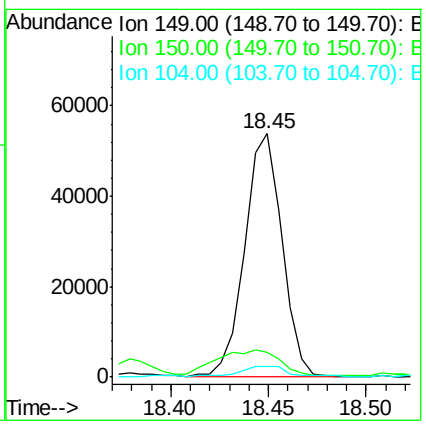


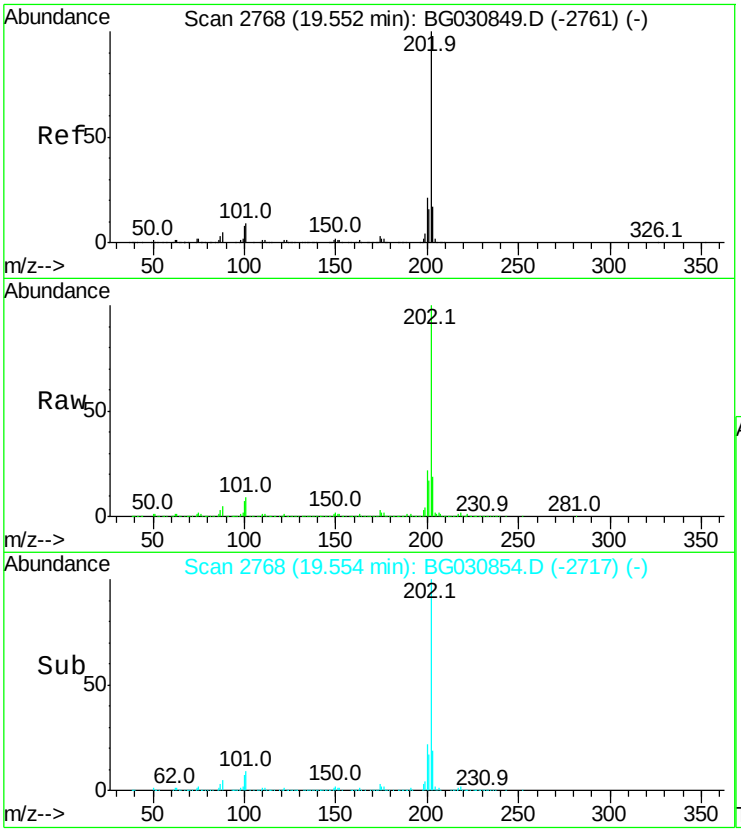


#73
Di-n-butylphthalate
Concen: 2.461 ng/ul
RT: 18.45 min Scan# 2580
Delta R.T. -0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Tgt Ion:149 Resp: 71402

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.5	11.3
104	4.2	4.6	7.0#



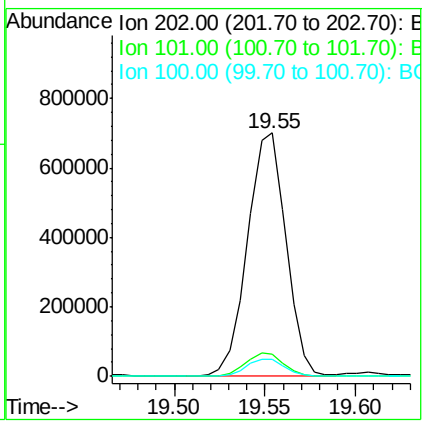


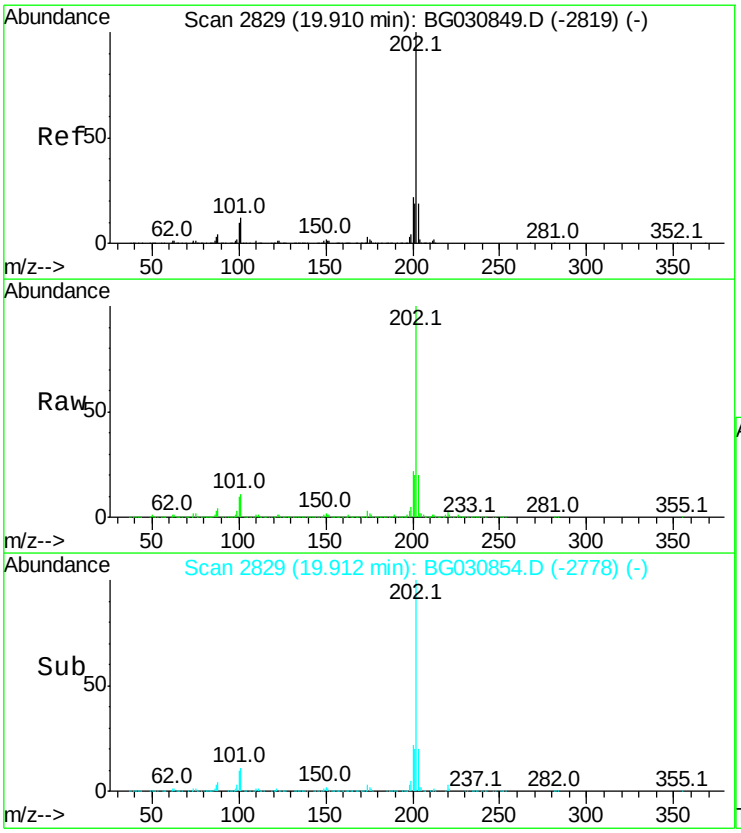
#74
Fluoranthene
Concen: 35.380 ng/ul
RT: 19.55 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Instrument :
BNA_G
ClientSampleId :
B0EY0

Tgt Ion:202 Resp: 1029431

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.4	11.2
100	7.1	5.6	8.4

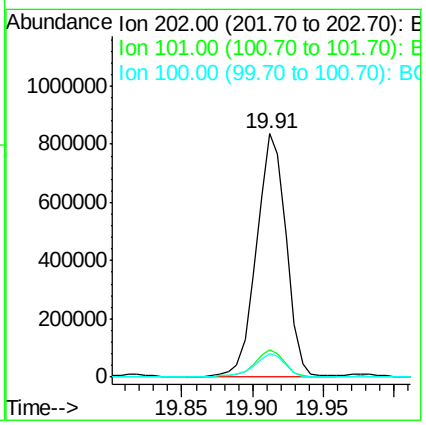


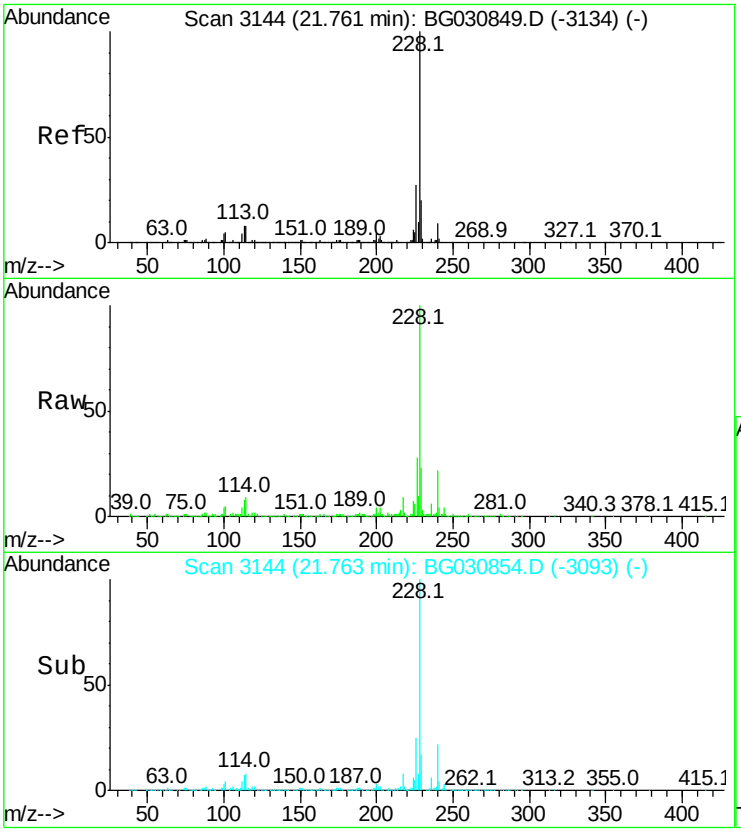


#77
Pyrene
Concen: 34.608 ng/ul
RT: 19.91 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Tgt Ion:202 Resp: 1230576

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.4	12.6
100	9.8	7.0	10.6



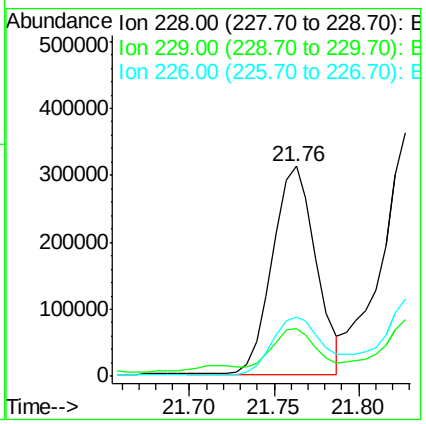


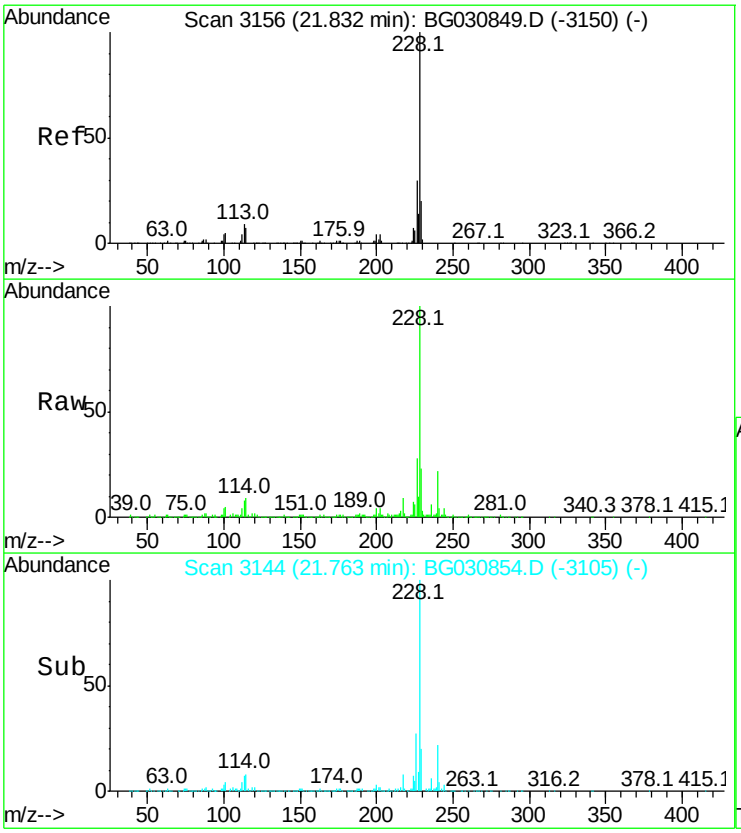
#80
Benzo(a)anthracene
Concen: 16.840 ng/ul
RT: 21.76 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Instrument :
BNA_G
ClientSampleId :
B0EY0

Tgt Ion:228 Resp: 559918

Ion	Ratio	Lower	Upper
228	100		
229	22.8	16.2	24.4
226	28.4	22.2	33.2

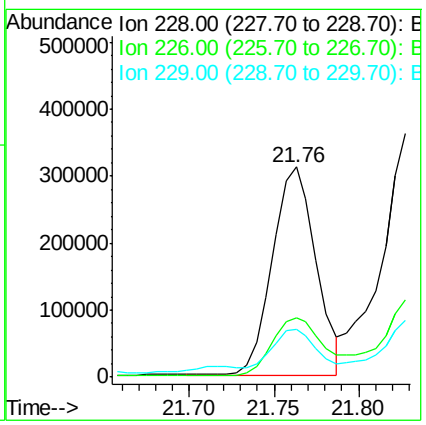


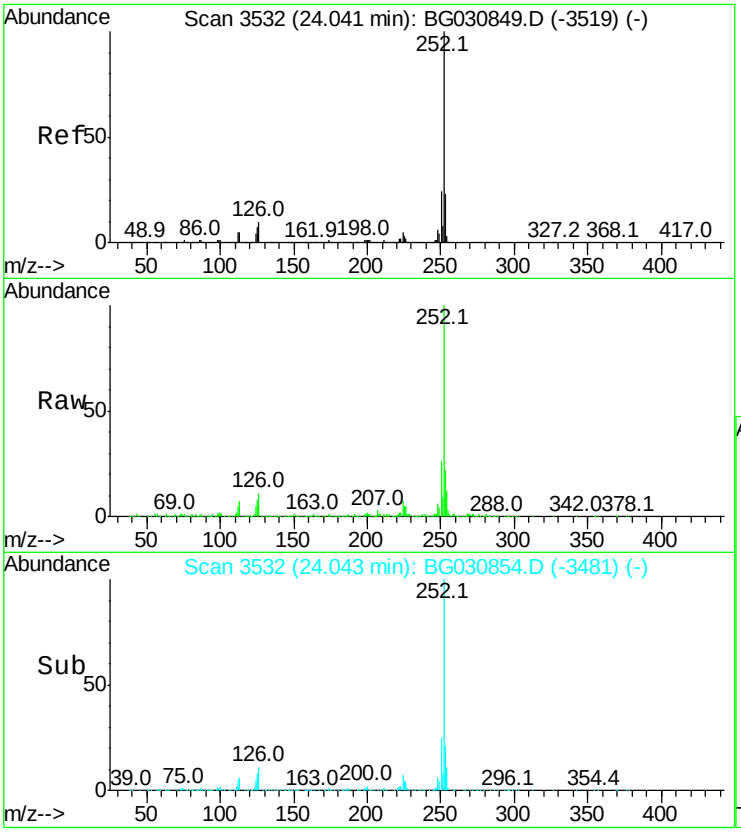


#82
Chrysene
Concen: 18.638 ng/ul
RT: 21.76 min Scan# 3144
Delta R.T. -0.07 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Tgt Ion:228 Resp: 563062

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.2	36.2
229	22.8	15.2	22.8



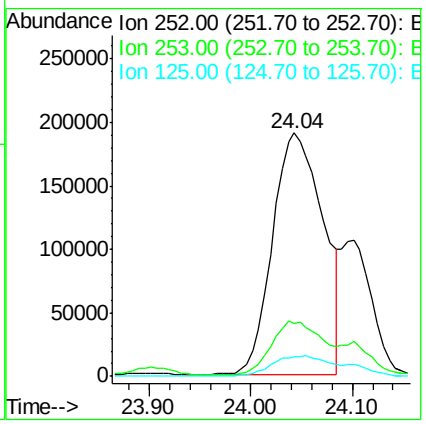


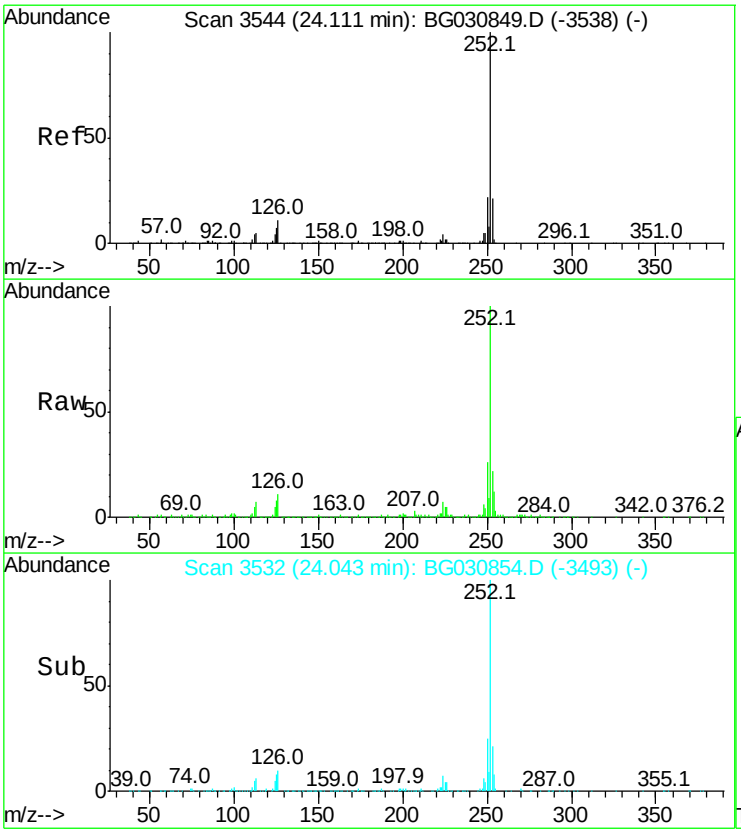
#85
Benzo(b)fluoranthene
Concen: 19.747 ng/ul
RT: 24.04 min Scan# 3532
Delta R.T. 0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Instrument :
BNA_G
ClientSampleId :
B0EY0

Tgt Ion:252 Resp: 664180

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	8.3	7.5	11.3

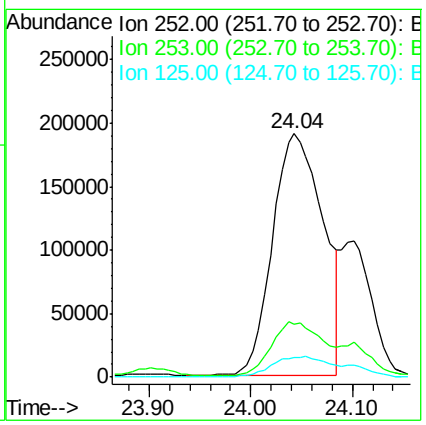


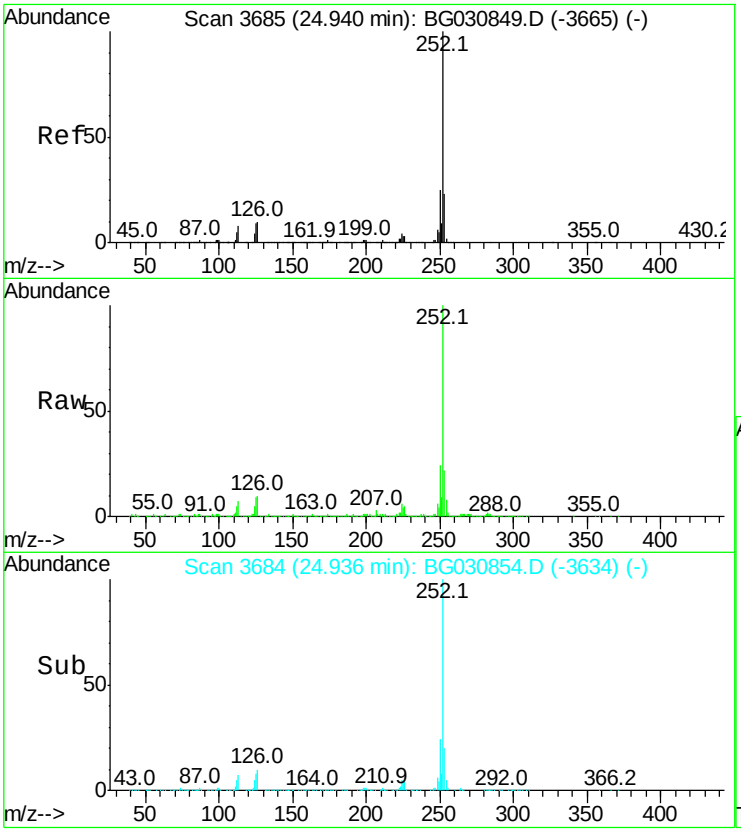


#86
Benzo(k)fluoranthene
Concen: 20.424 ng/ul
RT: 24.04 min Scan# 3532
Delta R.T. -0.07 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Tgt Ion:252 Resp: 664180

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	8.3	7.8	11.8



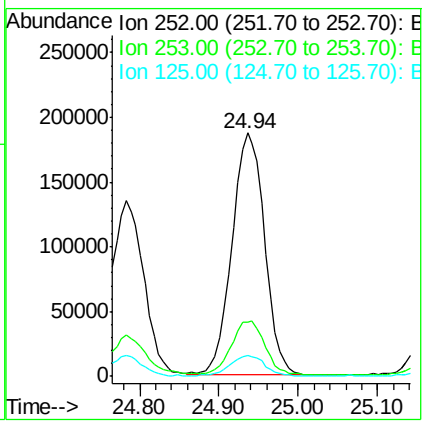


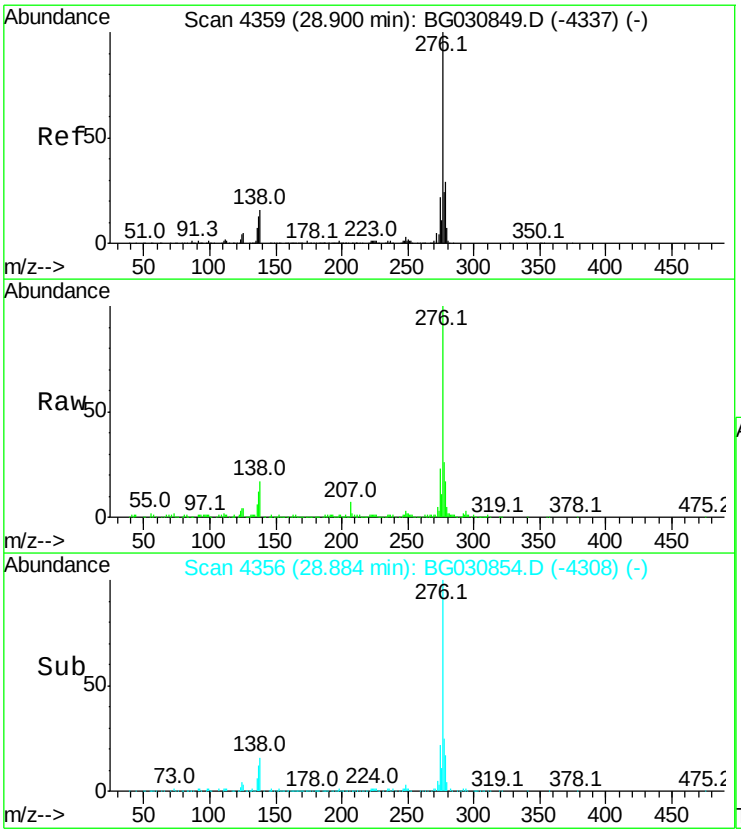
#88
Benzo(a)pyrene
Concen: 16.146 ng/ul
RT: 24.94 min Scan# 3684
Delta R.T. -0.00 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Instrument :
BNA_G
ClientSampleId :
B0EY0

Tgt Ion:252 Resp: 528610

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	8.7	7.8	11.8

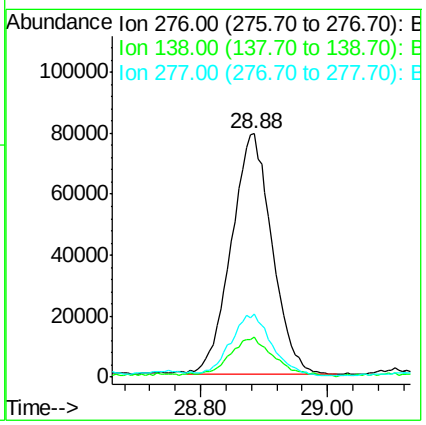


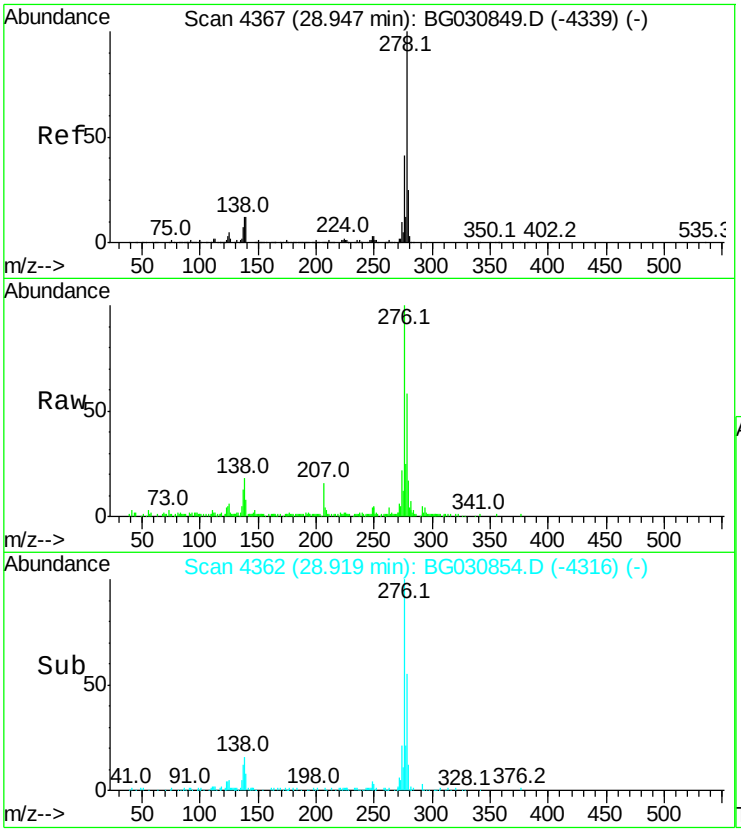


#89
Indeno(1,2,3-cd)pyrene
Concen: 9.498 ng/ul
RT: 28.88 min Scan# 4356
Delta R.T. -0.02 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Tgt Ion:276 Resp: 351811

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.4	20.0
277	25.9	18.6	28.0



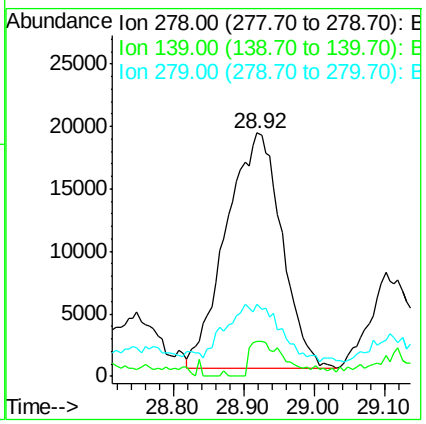


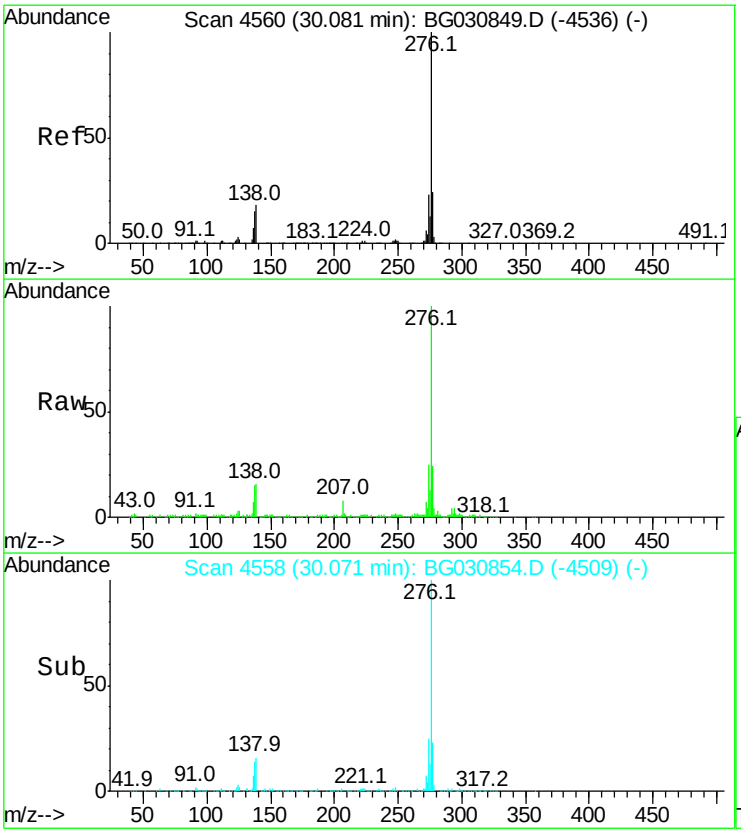
#90
Dibenzo(a,h)anthracene
Concen: 3.334 ng/ul
RT: 28.92 min Scan# 4362
Delta R.T. -0.03 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Instrument :
BNA_G
ClientSampleId :
B0EY0

Tgt Ion:278 Resp: 102578

Ion	Ratio	Lower	Upper
278	100		
139	14.6	9.4	14.2#
279	29.7	18.4	27.6#





#91
Benzo(g,h,i)perylene
Concen: 10.238 ng/ul
RT: 30.07 min Scan# 4558
Delta R.T. -0.01 min
Lab File: BG030854.D
Acq: 8 Nov 2017 20:21

Tgt Ion:276 Resp: 314331

Ion	Ratio	Lower	Upper
276	100		
138	16.4	12.1	18.1
277	24.0	17.7	26.5