Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110717\
Data File : BG030842.D
Acq On : 8 Nov 2017 12:37
Operator : SJ/JU
Sample : I6004-17DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 08 14:48:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 04:22:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	61108	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	294719	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	192104	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	442287	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	481597	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	504076	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1286	0.86	ng/uL	0.00
5) Phenol-d5	7.32	99	25916	4.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	15347	4.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	22345	5.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	21772	4.60	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	11051	5.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	12675	5.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	23065	4.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	19831	3.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	80926	4.93	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	100566	5.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	8105	2.67	ng/ul	0.01
57) Fluorene-d10	15.76	176	73810	5.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	3708	1.72	ng/ul	0.00
70) Anthracene-d10	17.61	188	113966	5.45	ng/ul	0.00
76) Pyrene-d10	19.88	212	134809	5.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	132091	5.53	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.34	94	7564	1.246	ng/ul	97
28) Naphthalene	11.02	128	19818	1.271	ng/ul	94
34) 2-Methylnaphthalene	12.61	142	16285	1.262	ng/ul	88
44) Dimethylphthalate	14.21	163	31498	1.966	ng/ul	97
49) Acenaphthene	14.84	153	48679	3.492	ng/ul	98
53) Dibenzofuran	15.16	168	62559	3.283	ng/ul	92
58) Fluorene	15.81	166	59126	3.889	ng/ul	96
69) Phenanthrene	17.55	178	671967	28.105	ng/ul	98
71) Anthracene	17.64	178	185184	7.507	ng/ul	97
72) Carbazole	17.91	167	59960	2.704	ng/ul	99
74) Fluoranthene	19.55	202	664467	24.867	ng/ul	98
77) Pyrene	19.91	202	539918	16.728	ng/ul	99
80) Benzo(a)anthracene	21.76	228	344054	11.399	ng/ul	100
82) Chrysene	21.83	228	279740	10.201	ng/ul	95
85) Benzo(b)fluoranthene	24.04	252	296303	9.791	ng/ul	95
86) Benzo(k)fluoranthene	24.04	252	296303	10.127	ng/ul	95
88) Benzo(a)pyrene	24.94	252	214330	7.276	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.88	276	113010	3.391	ng/ul	97
91) Benzo(g,h,i)perylene	30.05	276	81316	2.944	ng/ul	92

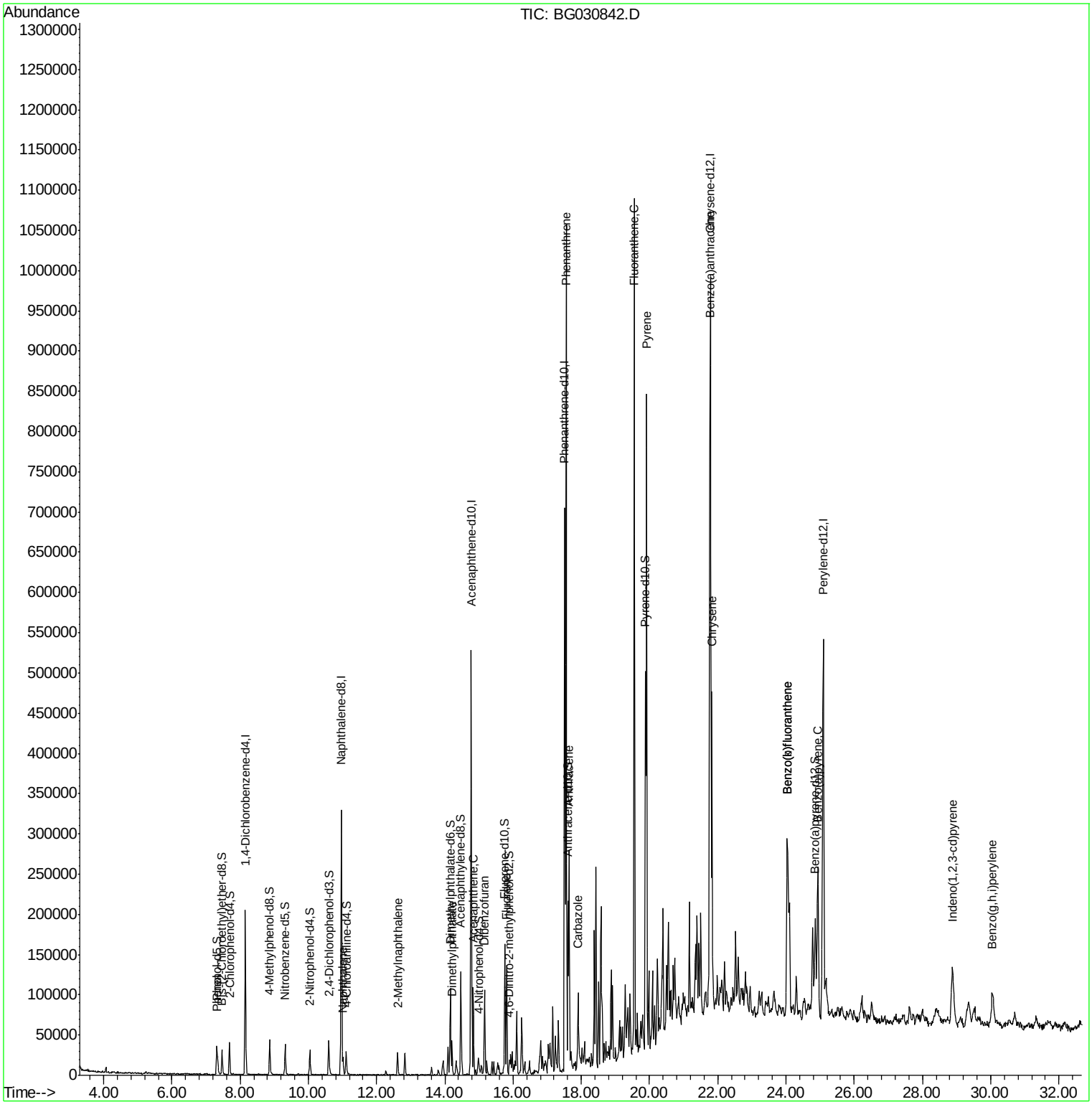
(#) = qualifier out of range (m) = manual integration (+) = signals summed

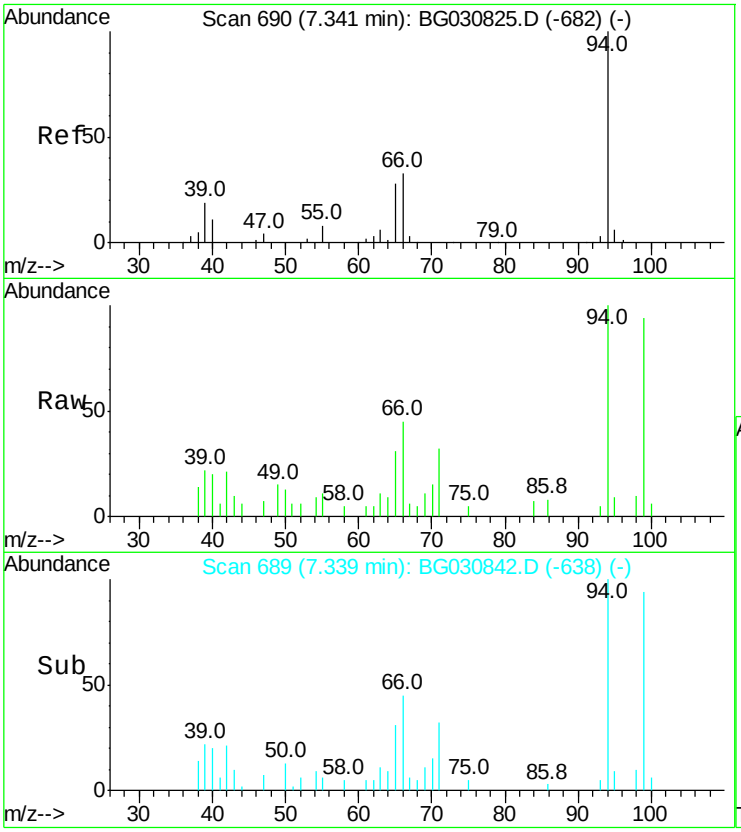
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110717\
Data File : BG030842.D
Acq On : 8 Nov 2017 12:37
Operator : SJ/JU
Sample : I6004-17DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 08 14:48:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 04:22:00 2017
Response via : Initial Calibration



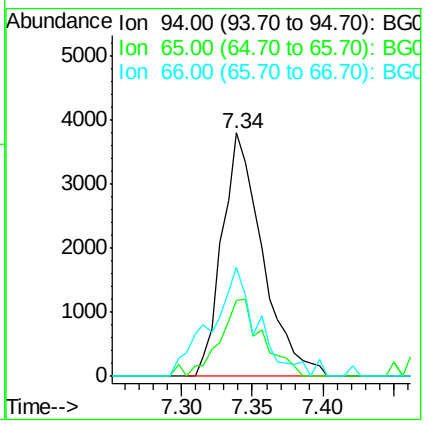


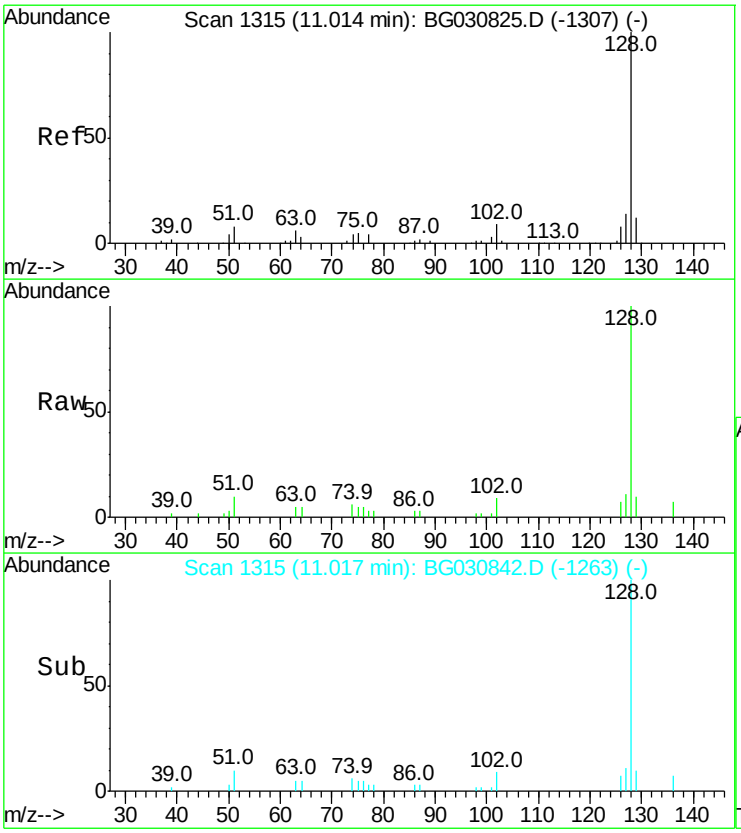
#6
Phenol
Concen: 1.246 ng/ul
RT: 7.34 min Scan# 689
Delta R.T. -0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 7564

Ion	Ratio	Lower	Upper
94	100		
65	31.2	27.1	40.7
66	44.8	34.6	52.0

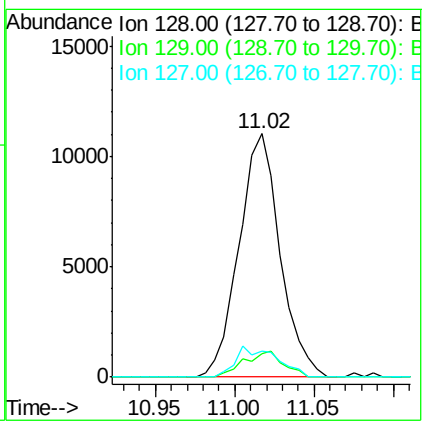


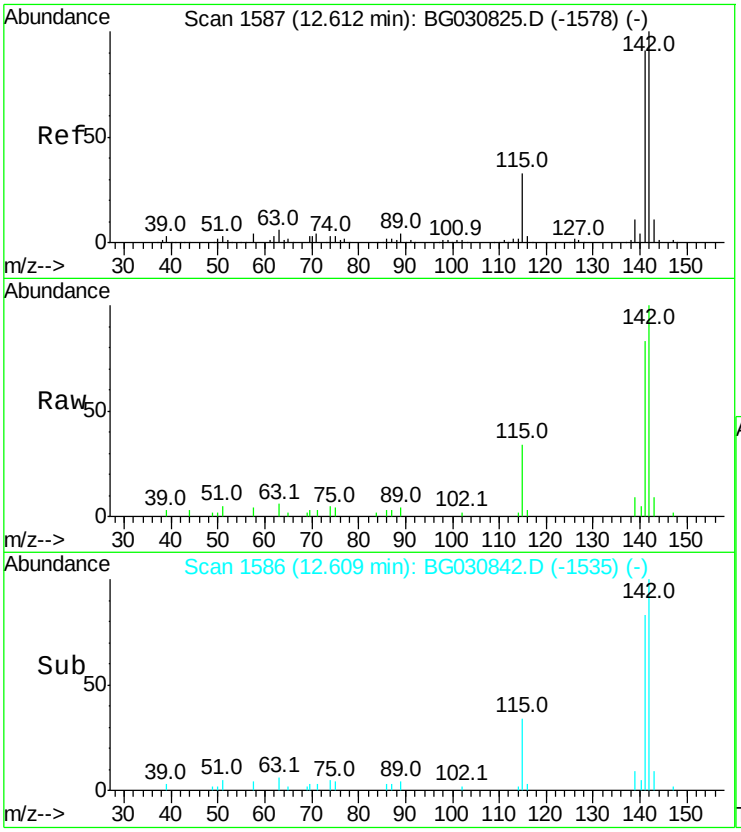


#28
Naphthalene
Concen: 1.271 ng/ul
RT: 11.02 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Tgt Ion:128 Resp: 19818

Ion	Ratio	Lower	Upper
128	100		
129	9.7	9.3	13.9
127	10.9	10.7	16.1



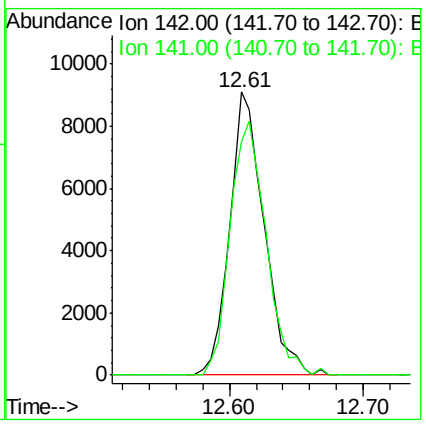


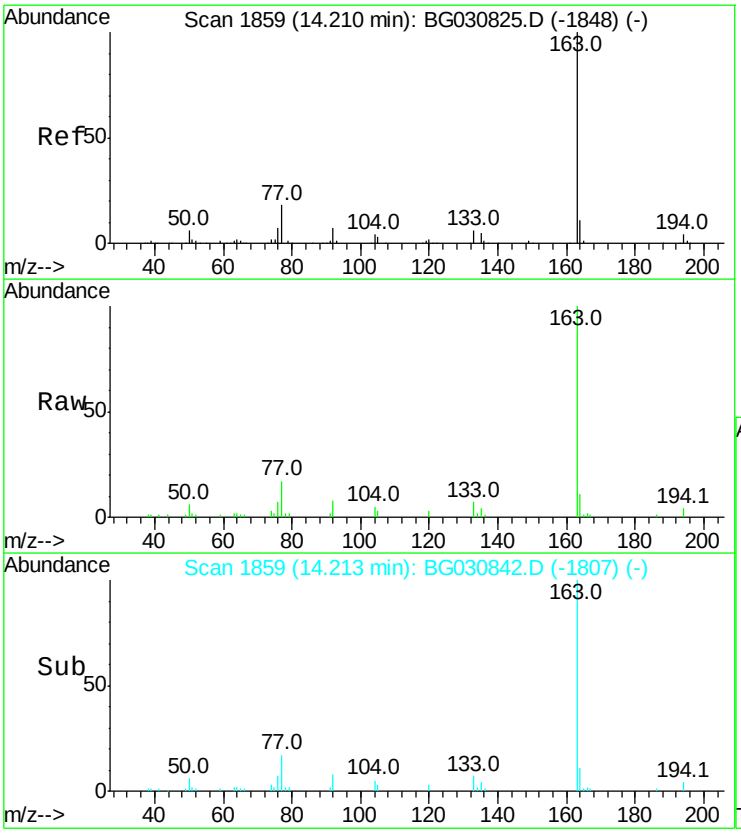
#34
2-Methylnaphthalene
Concen: 1.262 ng/ul
RT: 12.61 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 16285

Ion	Ratio	Lower	Upper
142	100		
141	82.6	75.4	113.0

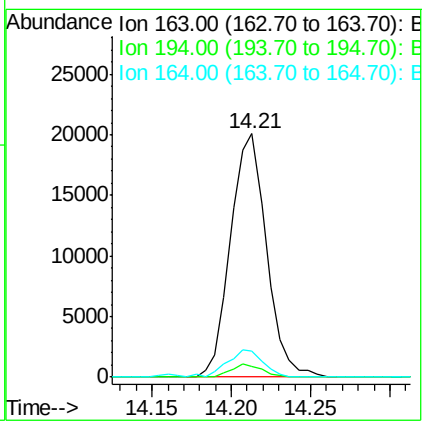


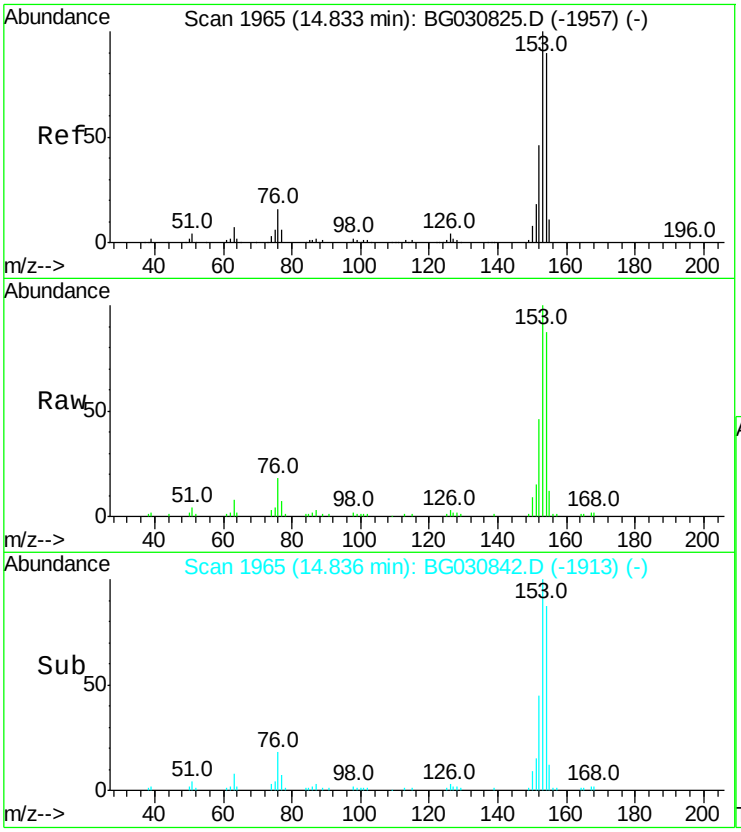


#44
Dimethylphthalate
Concen: 1.966 ng/ul
RT: 14.21 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Tgt Ion:163 Resp: 31498

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.9	7.6	11.4



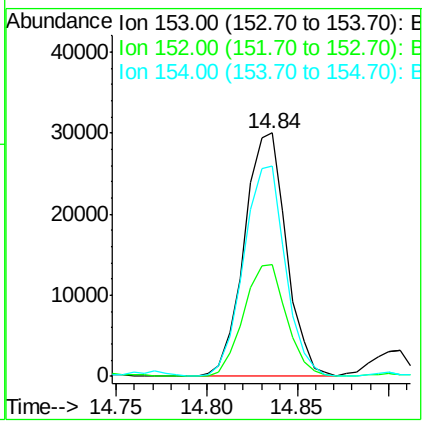


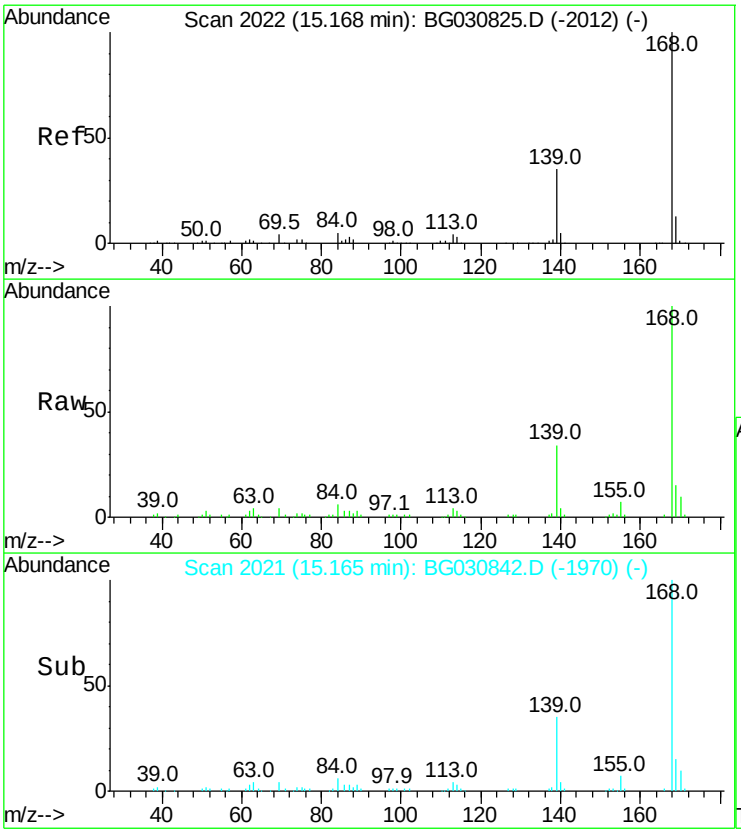
#49
Acenaphthene
Concen: 3.492 ng/ul
RT: 14.84 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 48679

Ion	Ratio	Lower	Upper
153	100		
152	45.9	38.2	57.2
154	86.6	70.6	105.8

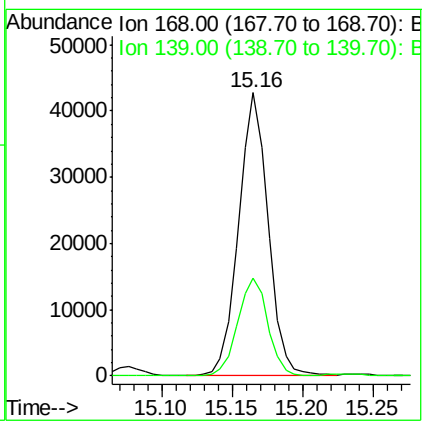


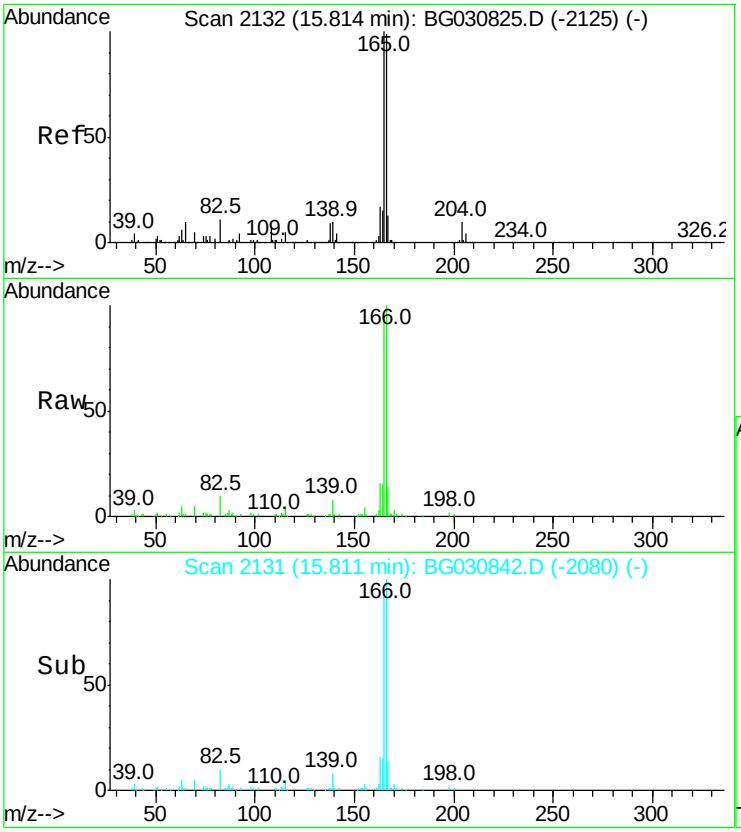


#53
Dibenzofuran
Concen: 3.283 ng/ul
RT: 15.16 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Tgt Ion:168 Resp: 62559

Ion	Ratio	Lower	Upper
168	100		
139	34.3	31.4	47.2



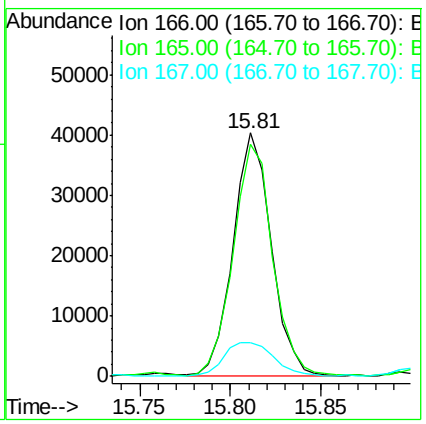


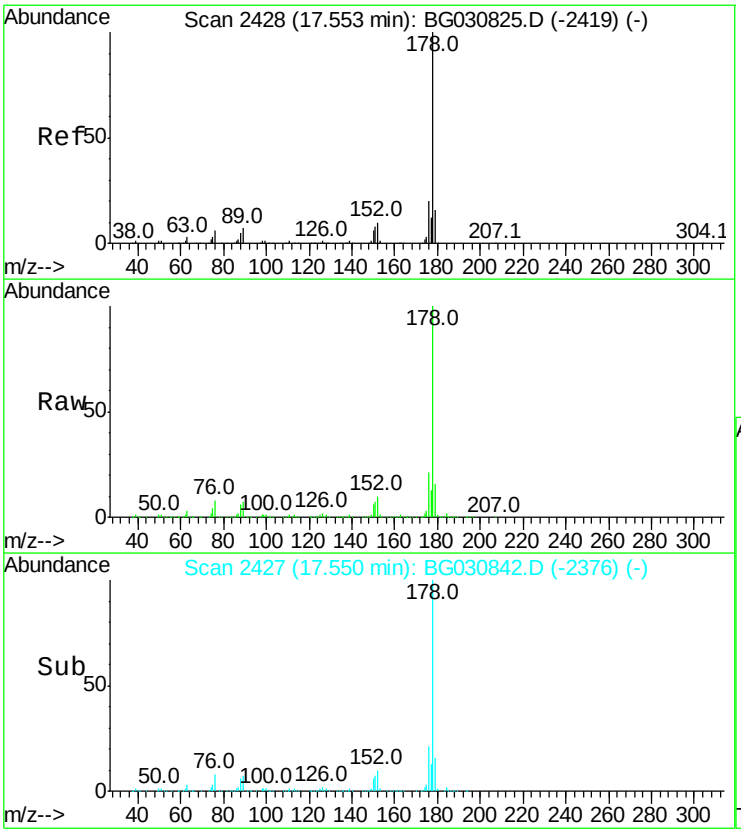
#58
Fluorene
Concen: 3.889 ng/ul
RT: 15.81 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 59126

Ion	Ratio	Lower	Upper
166	100		
165	95.3	79.9	119.9
167	13.7	10.6	16.0

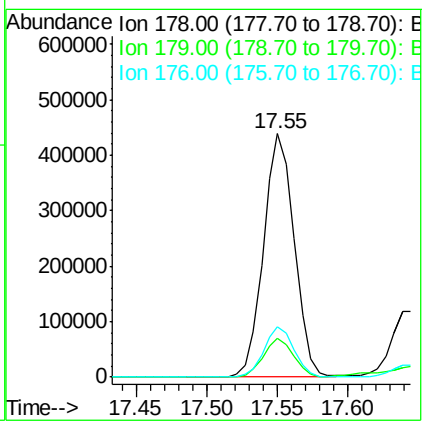


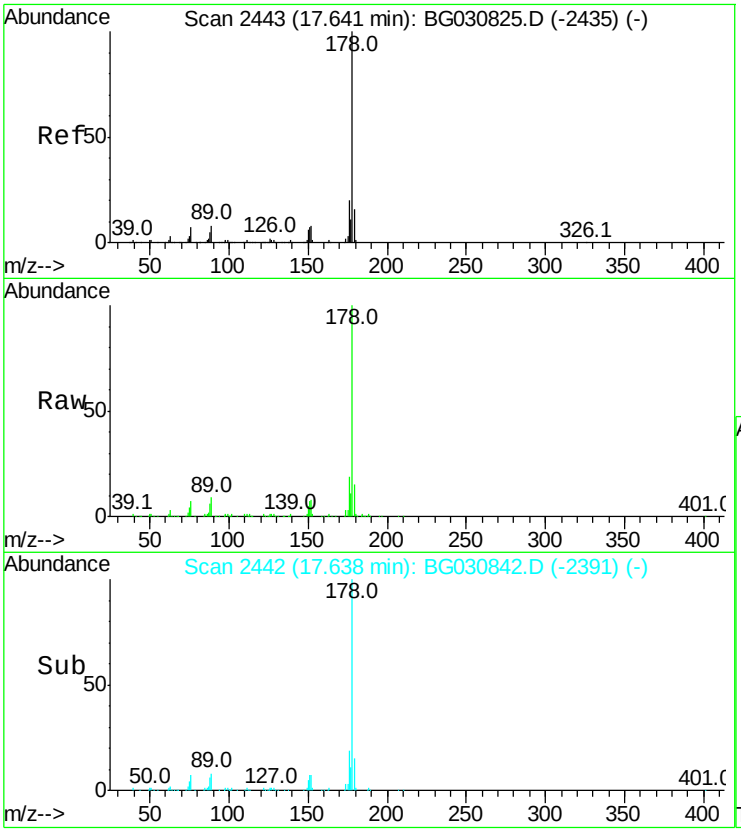


#69
Phenanthrene
Concen: 28.105 ng/ul
RT: 17.55 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Tgt Ion:178 Resp: 671967

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	20.6	15.3	22.9



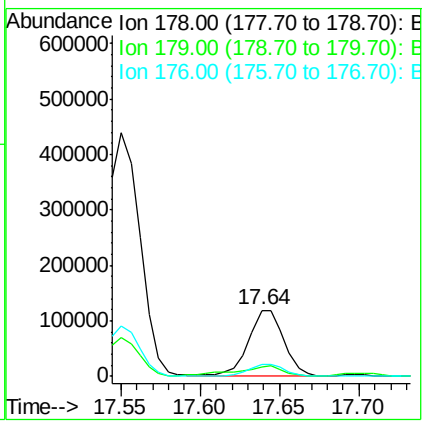


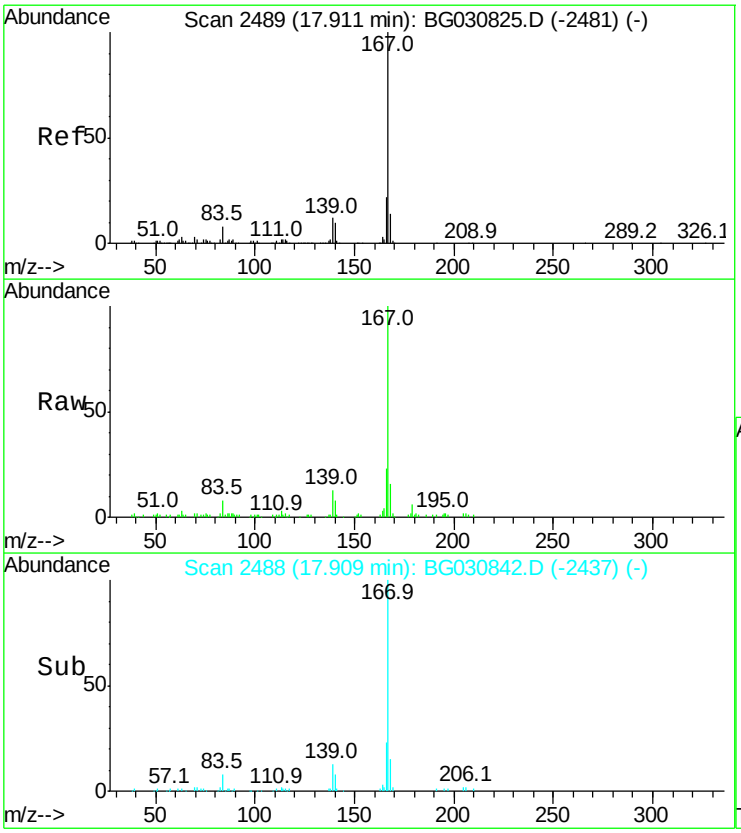
#71
Anthracene
Concen: 7.507 ng/ul
RT: 17.64 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 185184

Ion	Ratio	Lower	Upper
178	100		
179	14.7	13.2	19.8
176	19.1	16.0	24.0

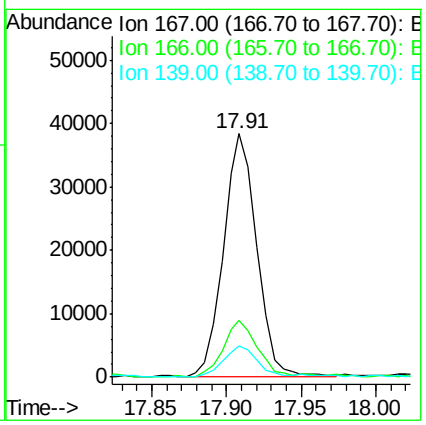


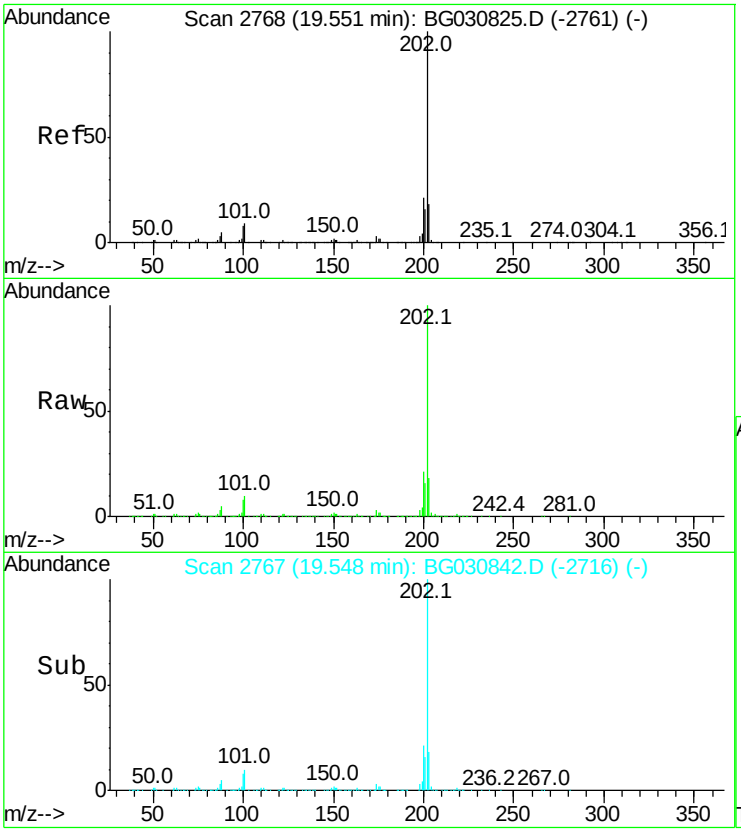


#72
Carbazole
Concen: 2.704 ng/ul
RT: 17.91 min Scan# 2488
Delta R.T. -0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Tgt Ion:167 Resp: 59960

Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.6	28.0
139	12.8	10.6	16.0



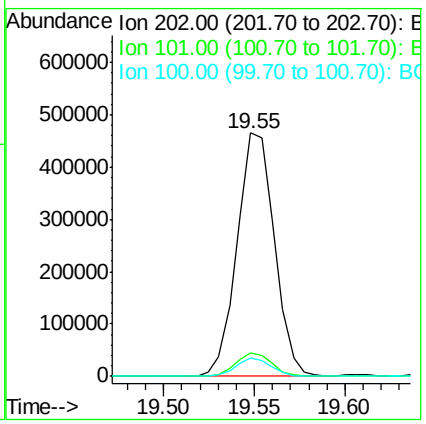


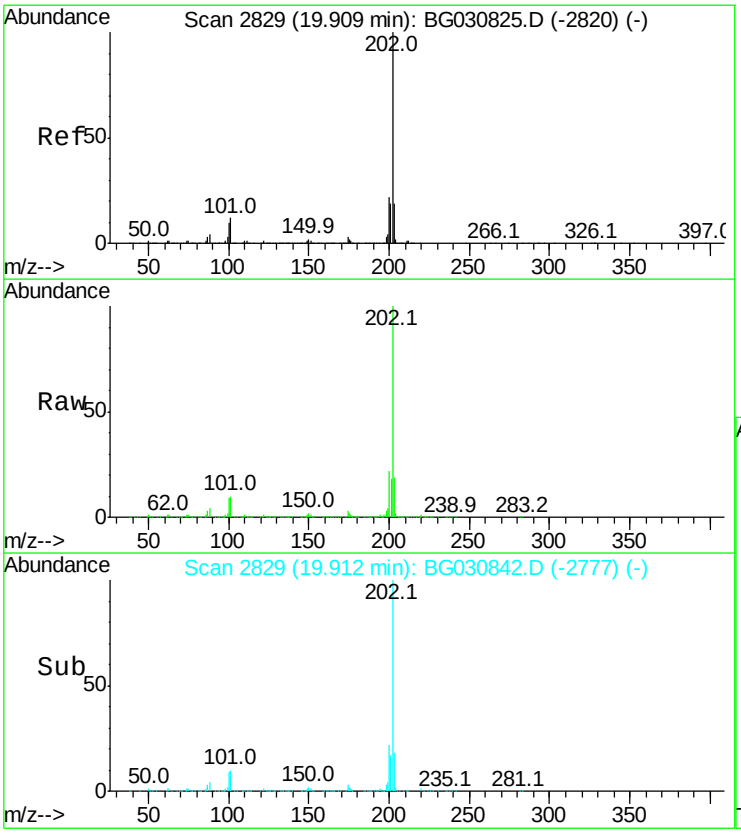
#74
Fluoranthene
Concen: 24.867 ng/ul
RT: 19.55 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 664467

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.4	11.2
100	7.6	5.6	8.4

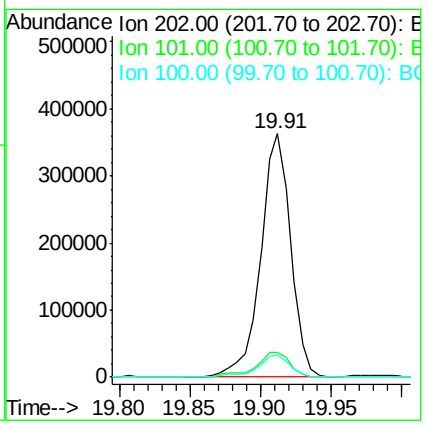


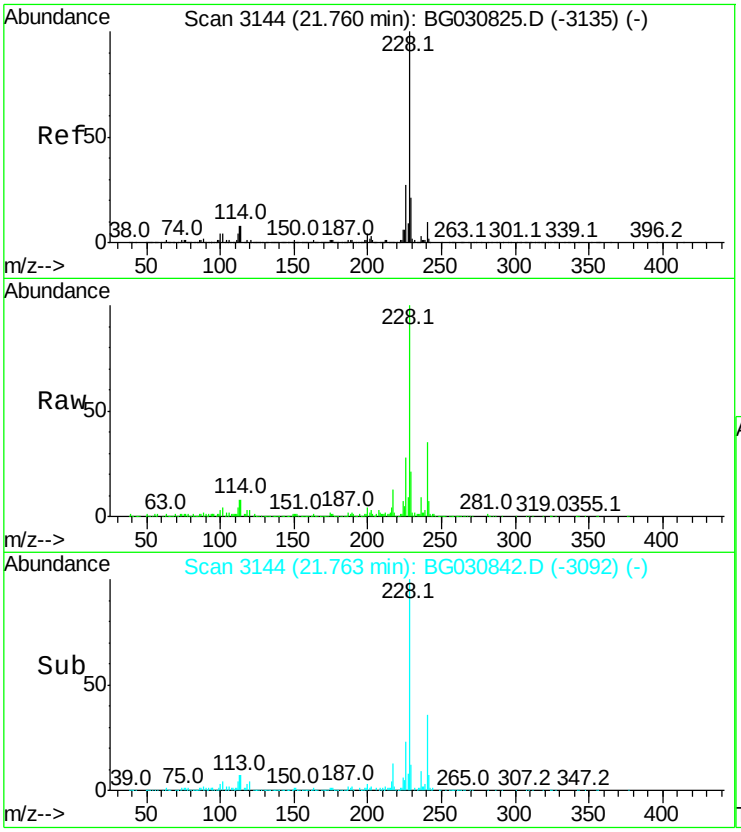


#77
Pyrene
Concen: 16.728 ng/ul
RT: 19.91 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Tgt Ion:202 Resp: 539918

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.4	12.6
100	8.9	7.0	10.6



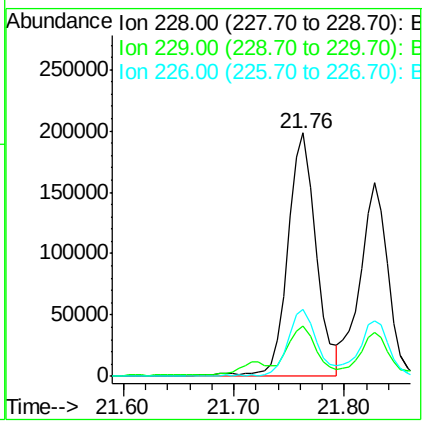


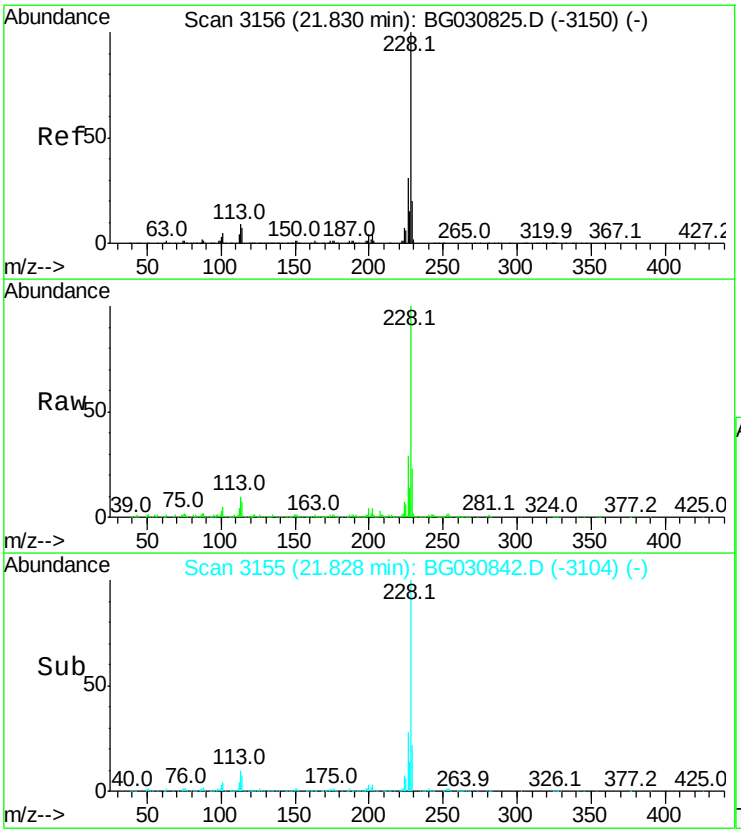
#80
Benzo(a)anthracene
Concen: 11.399 ng/ul
RT: 21.76 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 344054

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.2	24.4
226	27.8	22.2	33.2

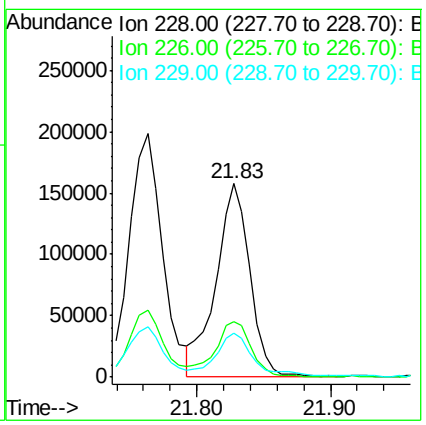


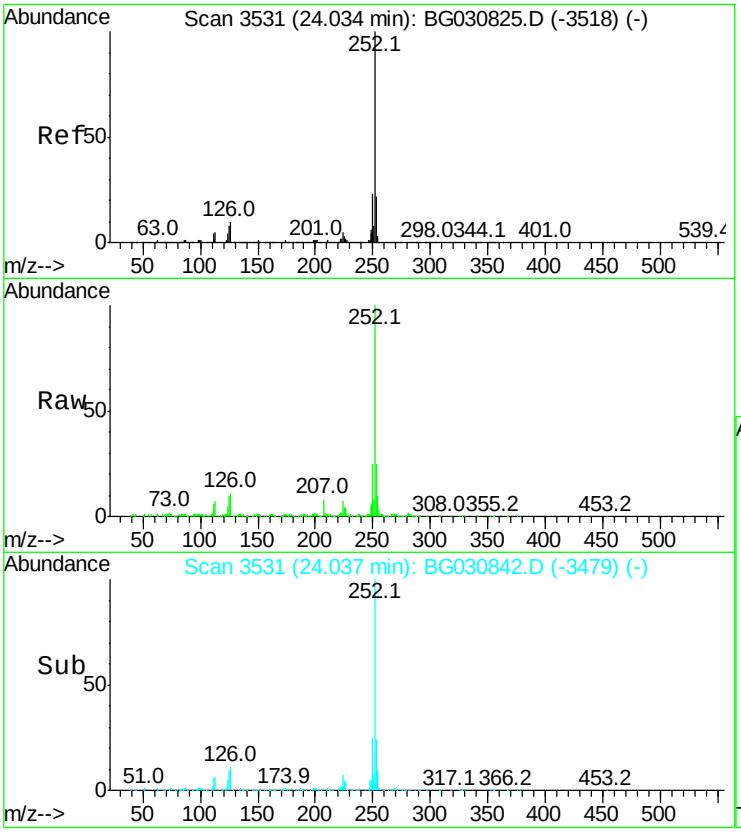


#82
Chrysene
Concen: 10.201 ng/ul
RT: 21.83 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Tgt Ion:228 Resp: 279740

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.2	36.2
229	22.7	15.2	22.8



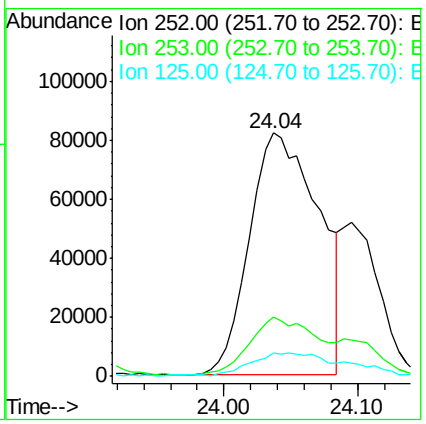


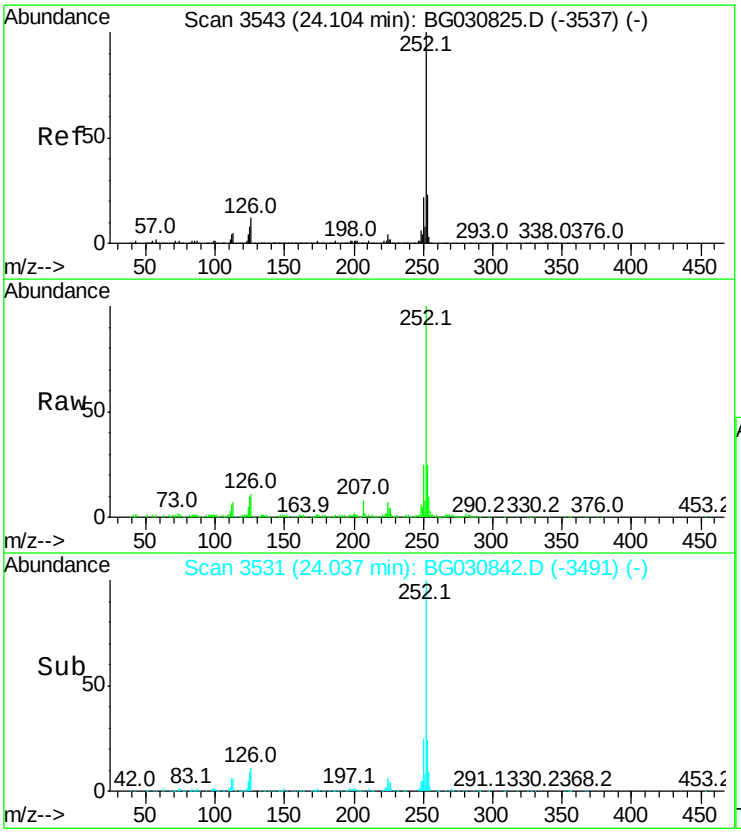
#85
Benzo(b)fluoranthene
Concen: 9.791 ng/ul
RT: 24.04 min Scan# 3531
Delta R.T. 0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 296303

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.4
125	9.6	7.5	11.3

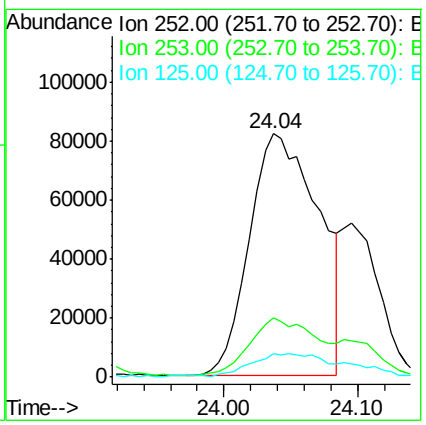


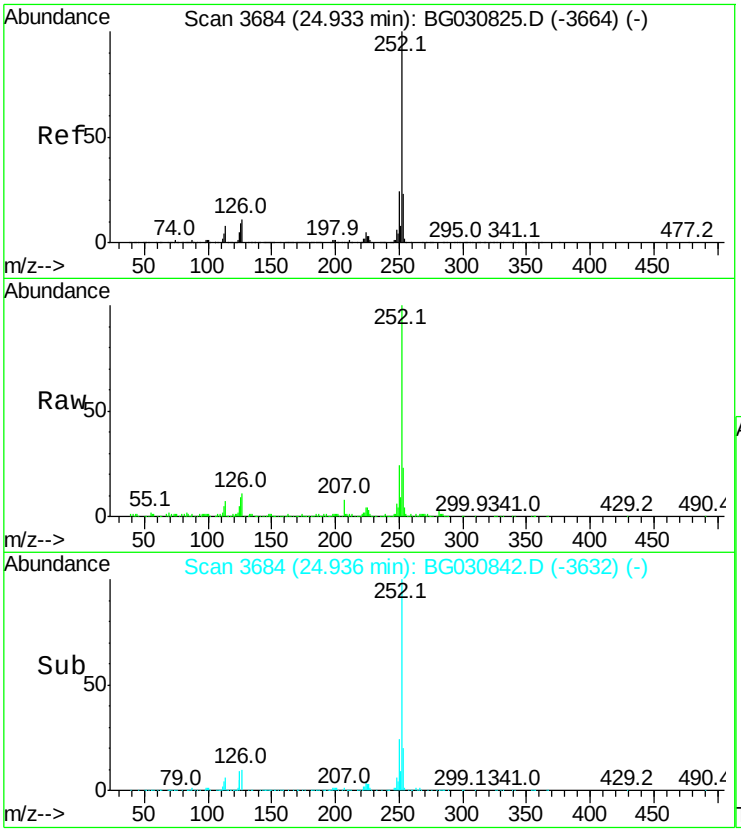


#86
Benzo(k)fluoranthene
Concen: 10.127 ng/ul
RT: 24.04 min Scan# 3531
Delta R.T. -0.07 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Tgt Ion:252 Resp: 296303

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	9.6	7.8	11.8



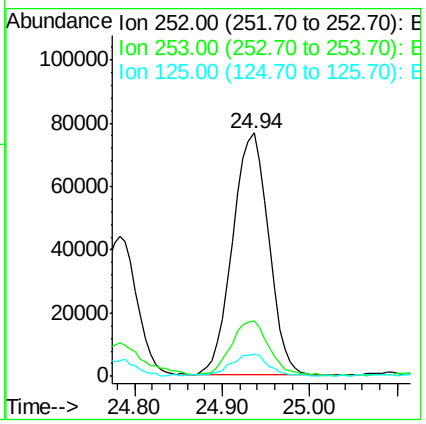


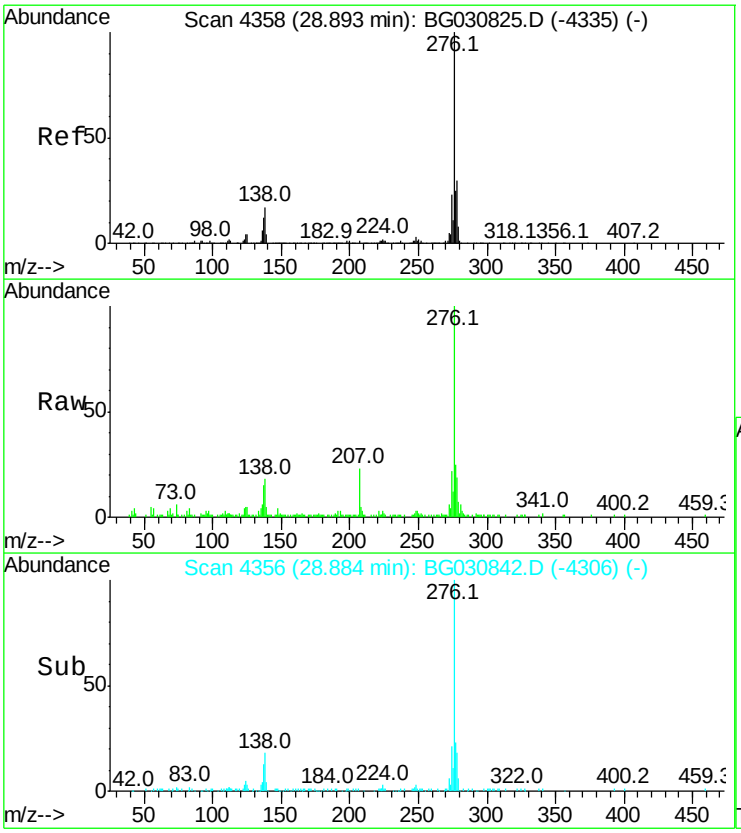
#88
Benzo(a)pyrene
Concen: 7.276 ng/ul
RT: 24.94 min Scan# 3684
Delta R.T. 0.00 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 214330

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	9.1	7.8	11.8

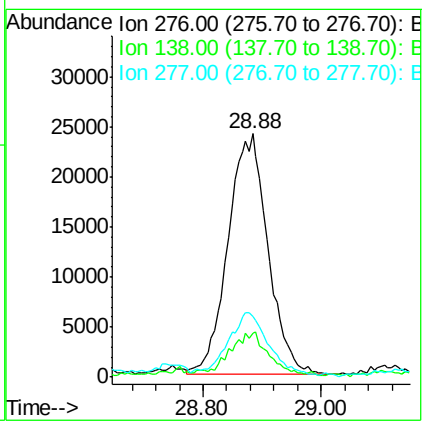


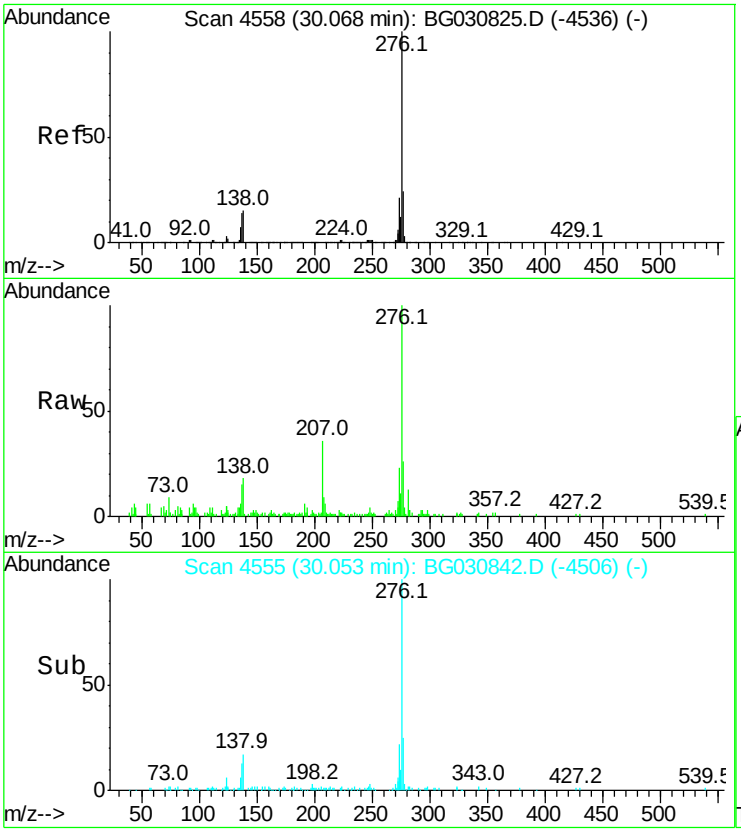


#89
Indeno(1,2,3-cd)pyrene
Concen: 3.391 ng/ul
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Tgt Ion:276 Resp: 113010

Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.4	20.0
277	24.8	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 2.944 ng/ul
RT: 30.05 min Scan# 4555
Delta R.T. -0.01 min
Lab File: BG030842.D
Acq: 8 Nov 2017 12:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 81316

Ion	Ratio	Lower	Upper
276	100		
138	18.0	12.1	18.1
277	25.9	17.7	26.5