Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
Data File : BG027110.D
Acq On : 24 May 2017 1:09
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 24 01:47:03 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 24 01:27:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	223352	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1022661	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	547292	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1006334	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	924464	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	786955	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1148244	20.45	ng/ul	0.00
10) Fluorene-d10	15.60	176	758175	20.24	ng/ul	0.00
14) Anthracene-d10	17.35	188	1006334	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	984219	20.39	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	854088	21.84	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.86	128	1089343	20.53	ng/ul	99
4) 2-Methylnaphthalene	12.45	142	796641	20.26	ng/ul	98
5) 1-Methylnaphthalene	12.67	142	855933	20.23	ng/ul#	94
8) Acenaphthylene	14.35	152	1154043	20.45	ng/ul	98
9) Acenaphthene	14.68	153	793564	20.55	ng/ul	98
11) Fluorene	15.66	166	843617	20.50	ng/ul	93
13) Phenanthrene	17.39	178	1182397	21.02	ng/ul	96
15) Anthracene	17.49	178	1215268	21.03	ng/ul	96
16) Fluoranthene	19.40	202	1223960	21.28	ng/ul#	90
19) Pyrene	19.76	202	1250136	20.69	ng/ul#	85
20) Benzo(a)anthracene	21.58	228	1101455	19.77	ng/ul	96
21) Chrysene	21.65	228	1038573	20.31	ng/ul	99
23) Benzo(b)fluoranthene	23.77	252	1028102	21.98	ng/ul#	95
24) Benzo(k)fluoranthene	23.83	252	1092674	22.71	ng/ul#	93
26) Benzo(a)pyrene	24.62	252	1001112	21.88	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.39	276	774908	18.41	ng/ul#	80
28) Dibenzo(a,h)anthracene	28.42	278	243207	6.70	ng/ul#	91
29) Benzo(g,h,i)perylene	29.52	276	462386	13.81	ng/ul#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
Data File : BG027110.D
Acq On : 24 May 2017 1:09
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Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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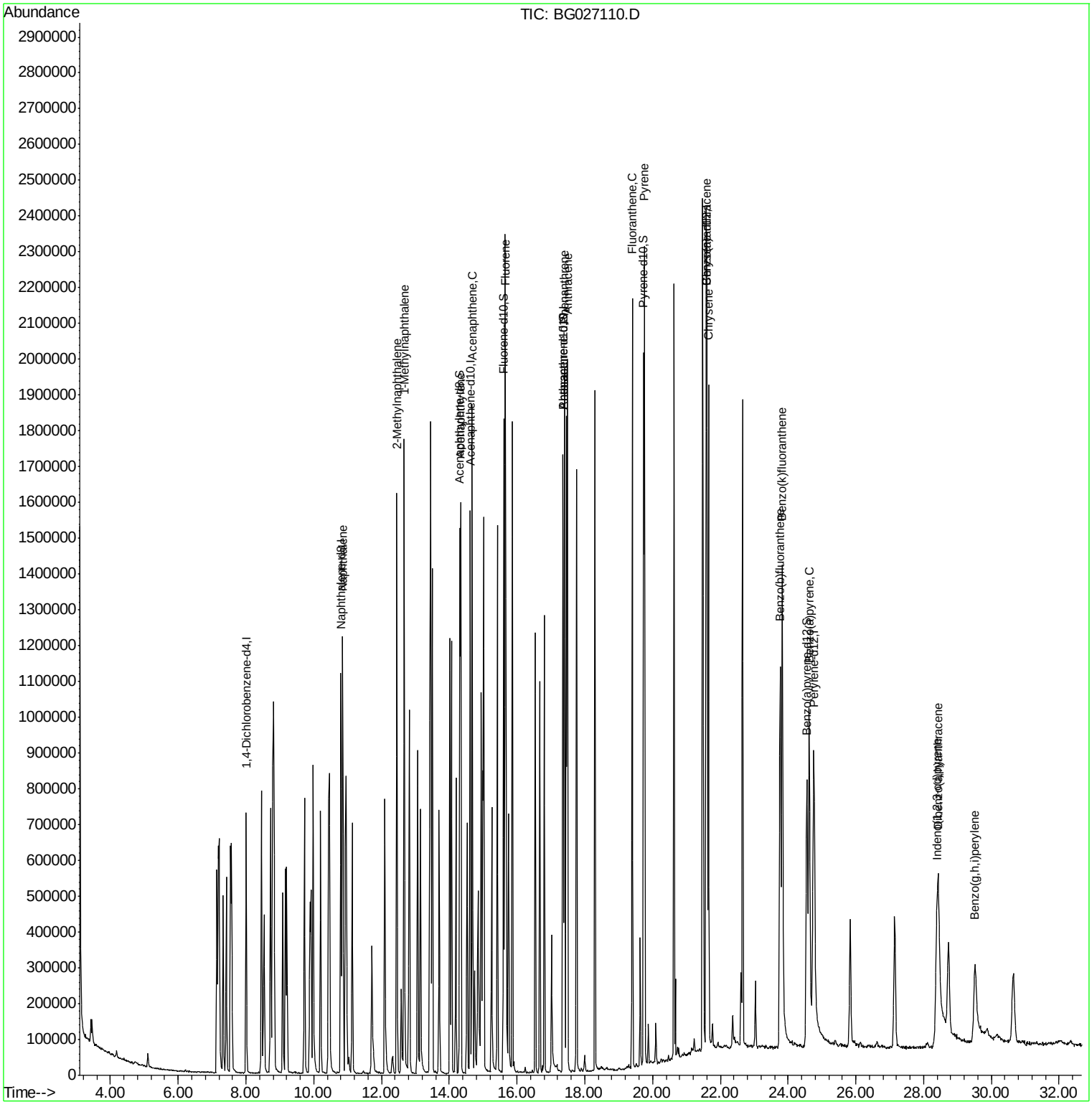
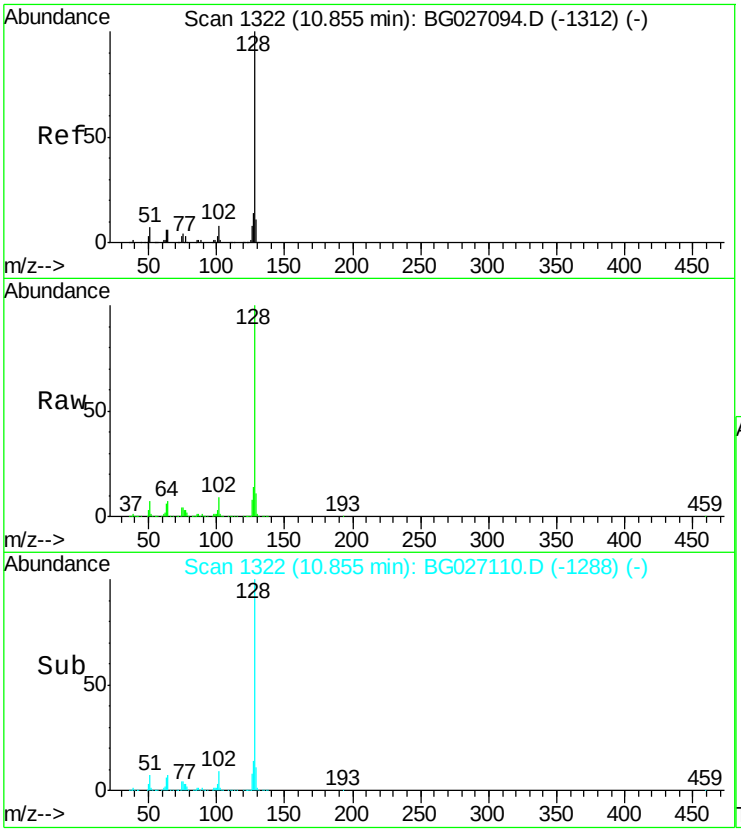
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 24 01:27:20 2017
Response via : Initial Calibration



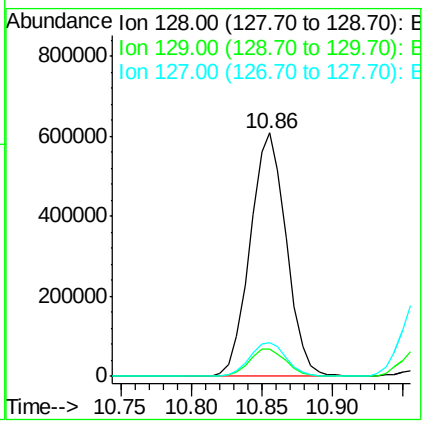


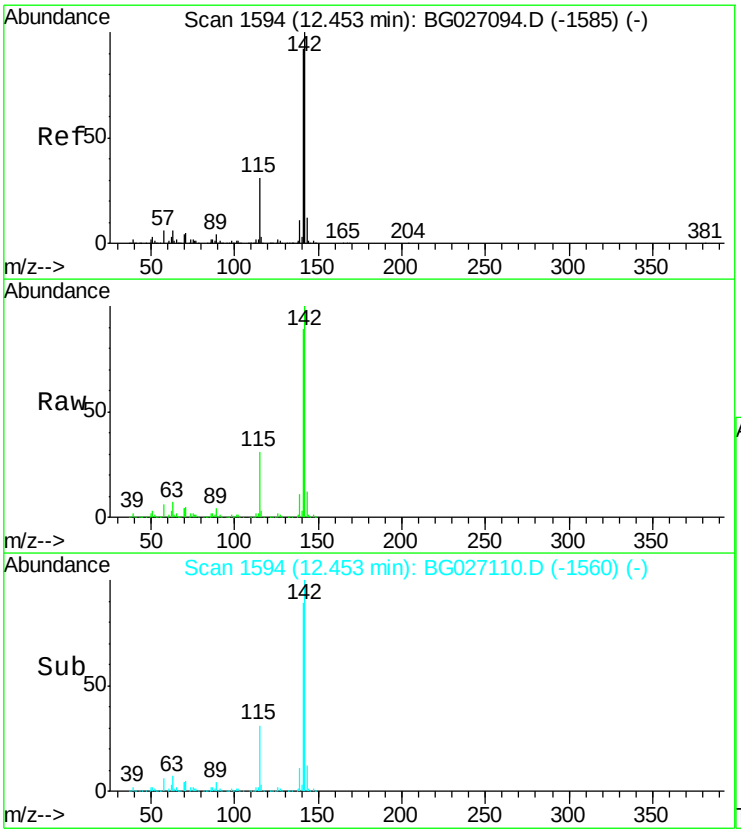
#3
Naphthalene
Concen: 20.53 ng/ul
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 1089343

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.9	10.6	16.0

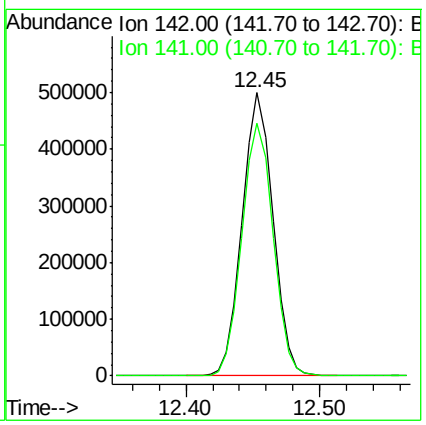


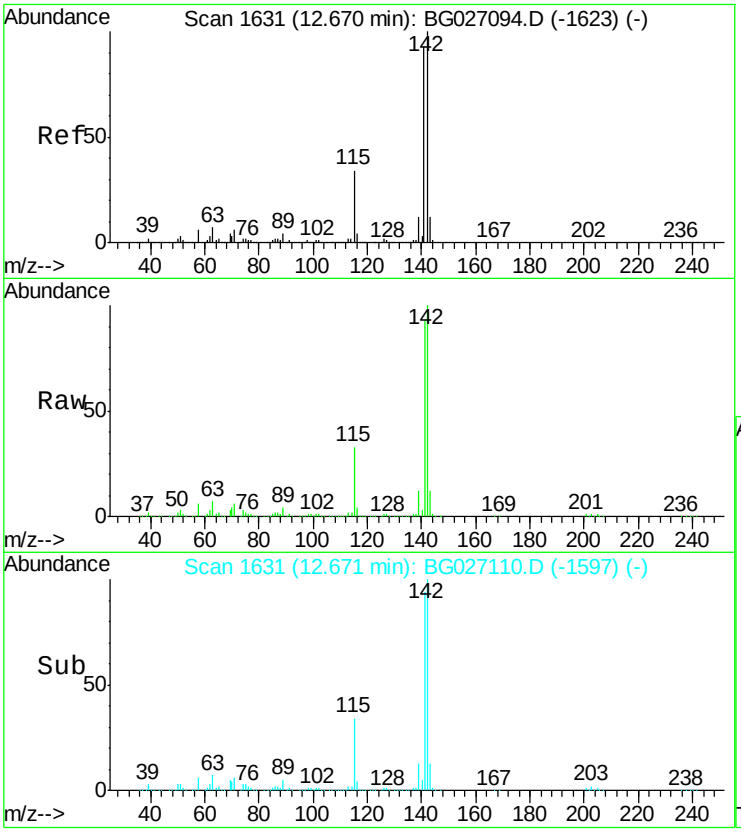


#4
2-Methylnaphthalene
Concen: 20.26 ng/ul
RT: 12.45 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Tgt Ion:142 Resp: 796641

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.7	109.1



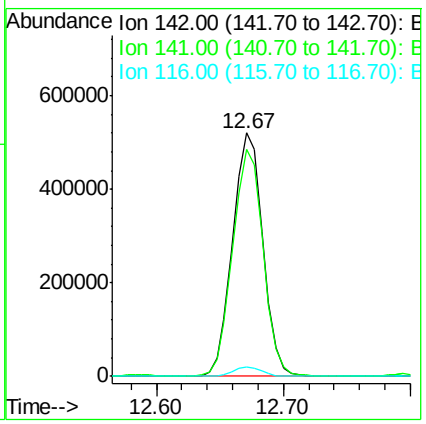


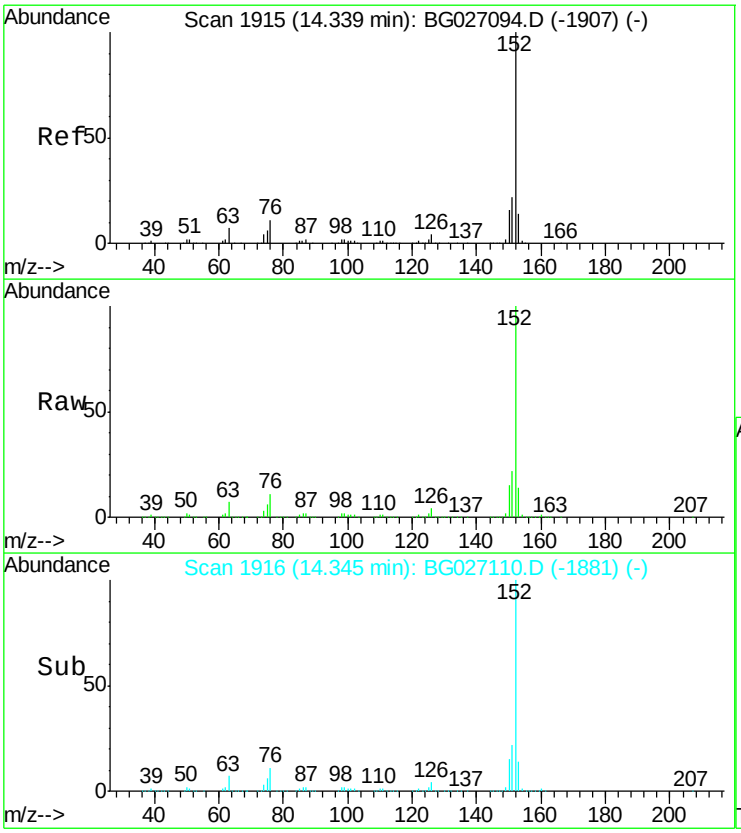
#5
1-Methylnaphthalene
Concen: 20.23 ng/ul
RT: 12.67 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 855933

Ion	Ratio	Lower	Upper
142	100		
141	93.2	79.3	118.9
116	3.6	4.2	6.2#

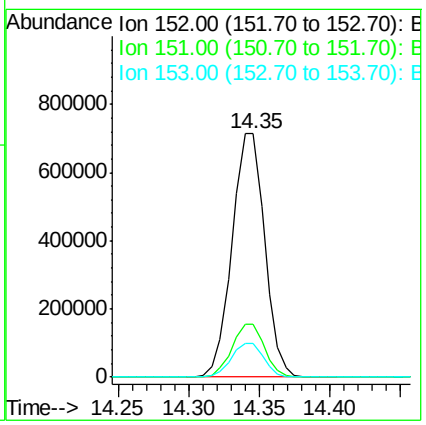


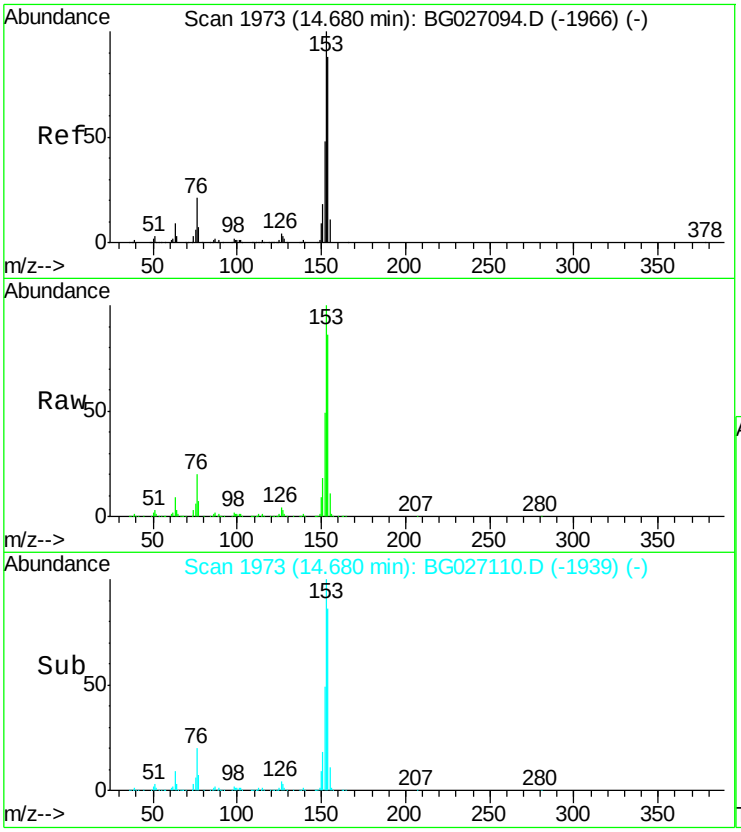


#8
Acenaphthylene
Concen: 20.45 ng/ul
RT: 14.35 min Scan# 1916
Delta R.T. 0.01 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Tgt Ion:152 Resp: 1154043

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.7	25.1
153	13.7	10.2	15.4



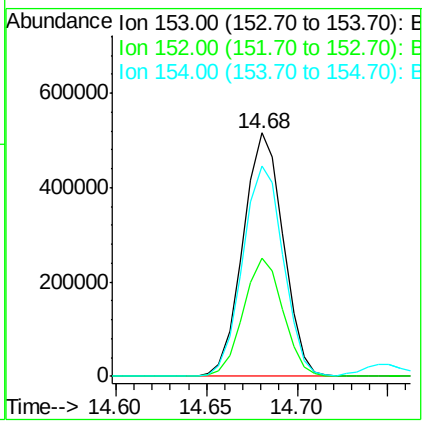


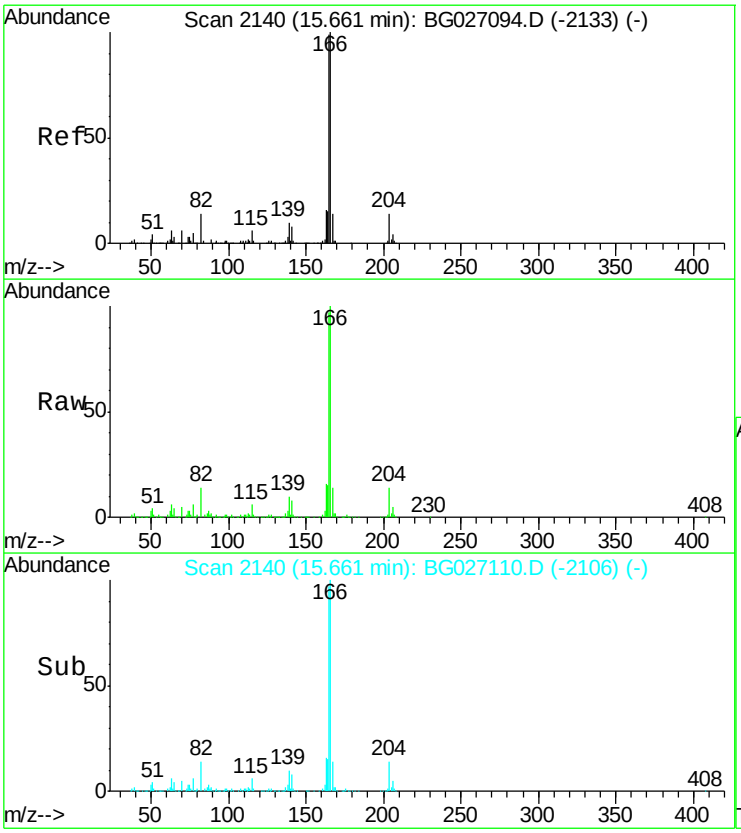
#9
Acenaphthene
Concen: 20.55 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 793564

Ion	Ratio	Lower	Upper
153	100		
152	48.6	39.0	58.6
154	86.3	66.8	100.2

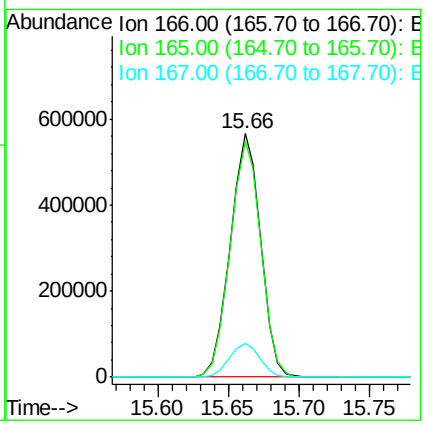


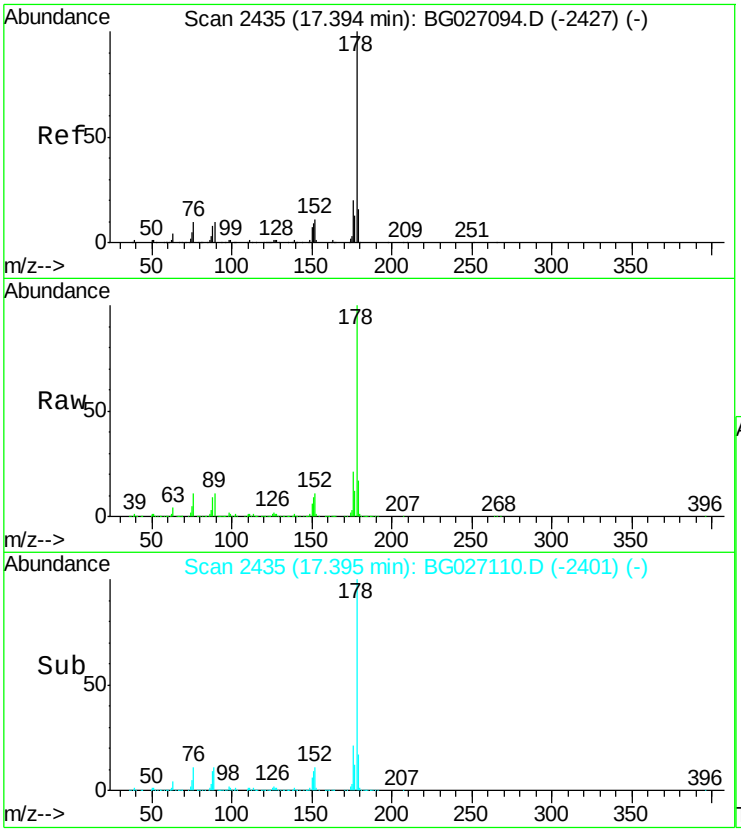


#11
Fluorene
Concen: 20.50 ng/ul
RT: 15.66 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Tgt Ion:166 Resp: 843617

Ion	Ratio	Lower	Upper
166	100		
165	96.7	83.8	125.8
167	13.8	11.5	17.3



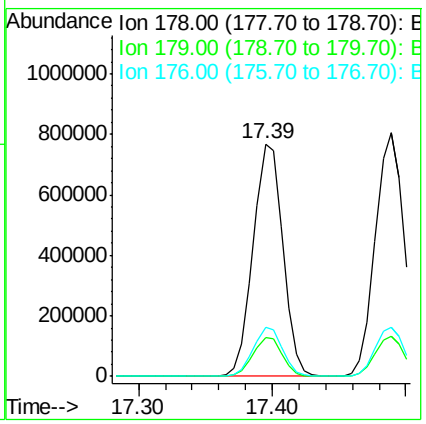


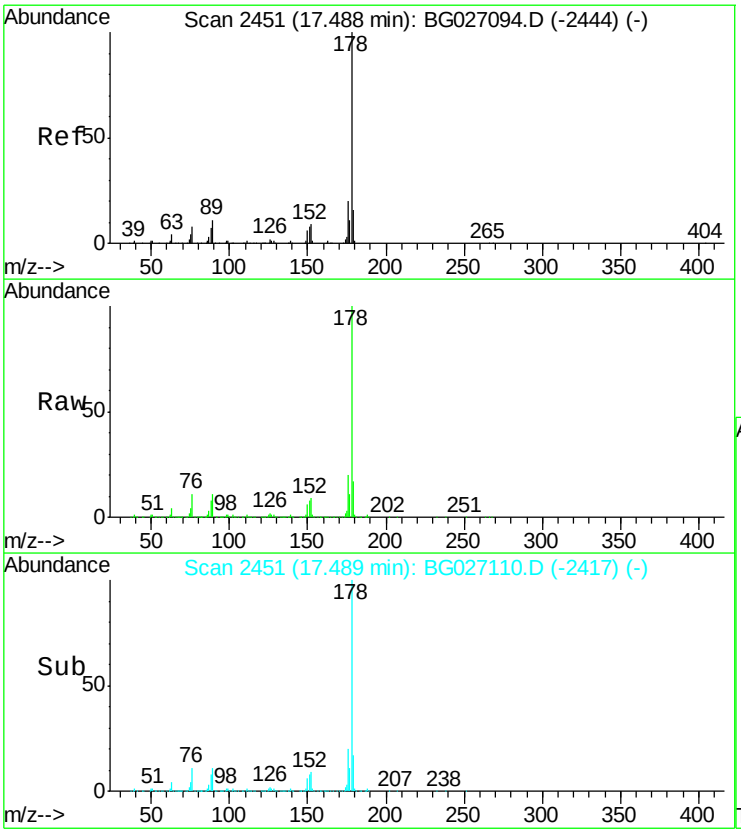
#13
Phenanthrene
Concen: 21.02 ng/ul
RT: 17.39 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 1182397

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.3	18.5
176	20.9	15.1	22.7

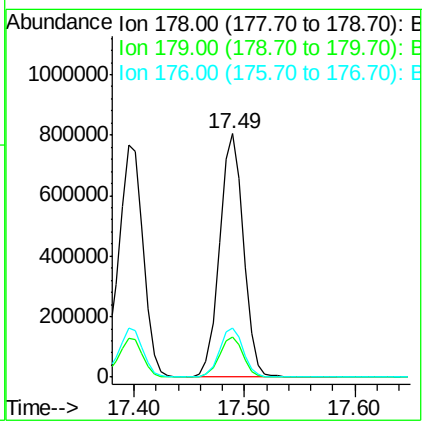


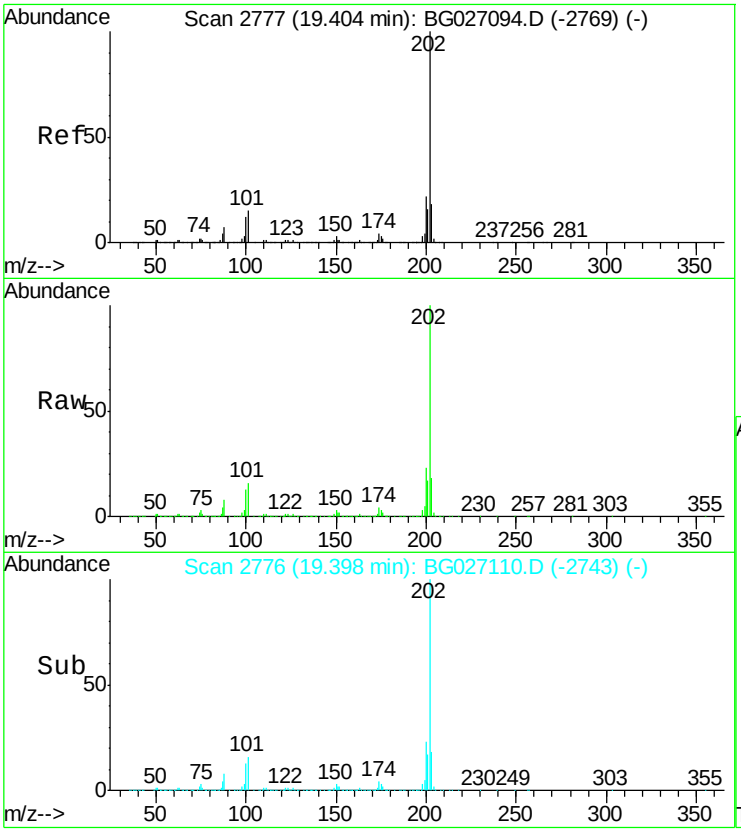


#15
Anthracene
Concen: 21.03 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Tgt Ion:178 Resp: 1215268

Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.8	17.8
176	20.4	15.2	22.8



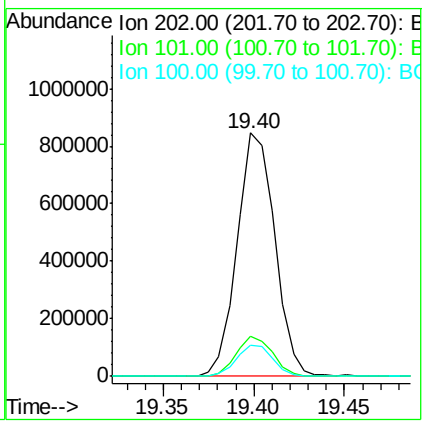


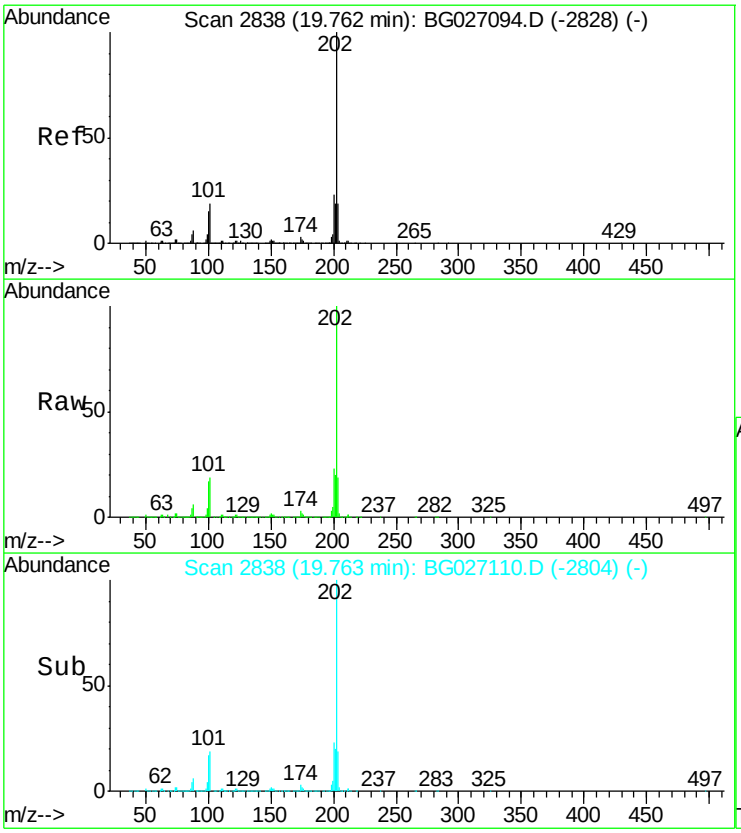
#16
Fluoranthene
Concen: 21.28 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. -0.01 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1223960

Ion	Ratio	Lower	Upper
202	100		
101	16.3	9.9	14.9#
100	12.7	7.4	11.0#

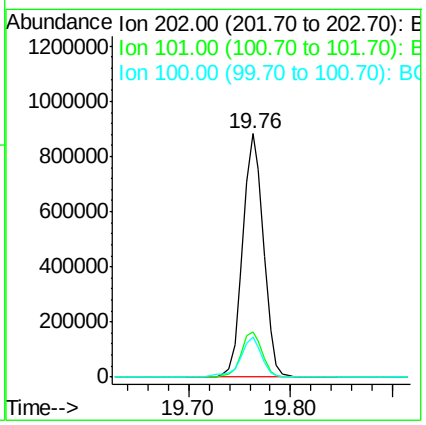


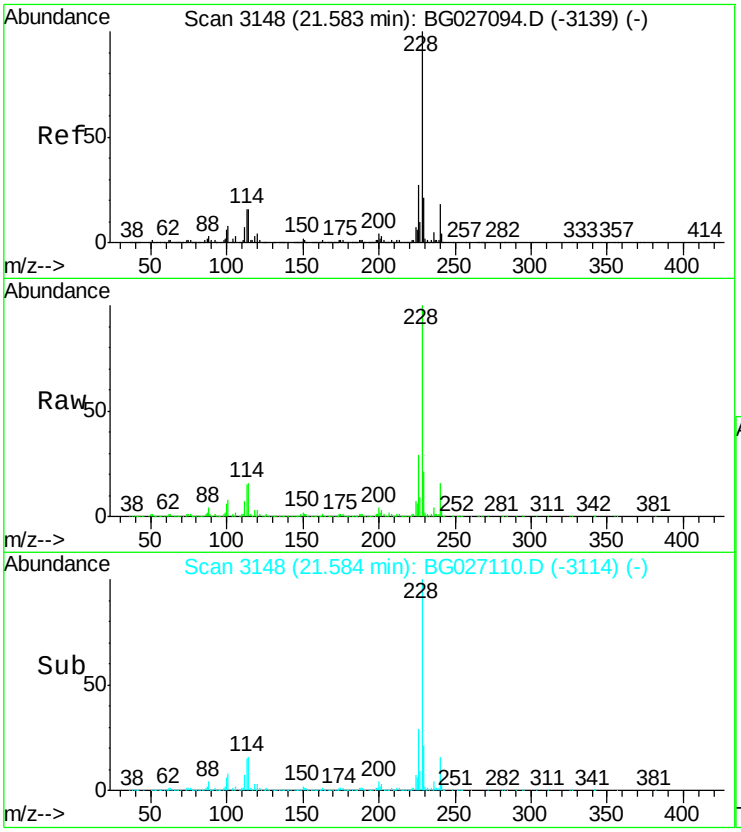


#19
Pyrene
Concen: 20.69 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Tgt Ion:202 Resp: 1250136

Ion	Ratio	Lower	Upper
202	100		
101	18.7	11.0	16.4#
100	16.6	8.1	12.1#



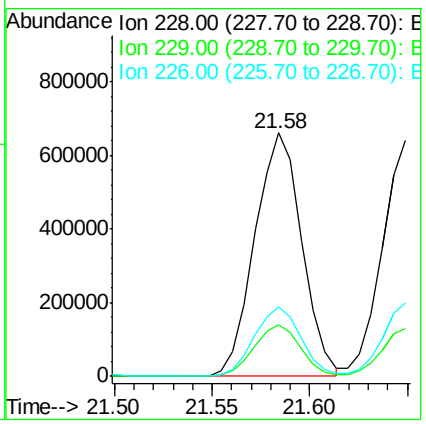


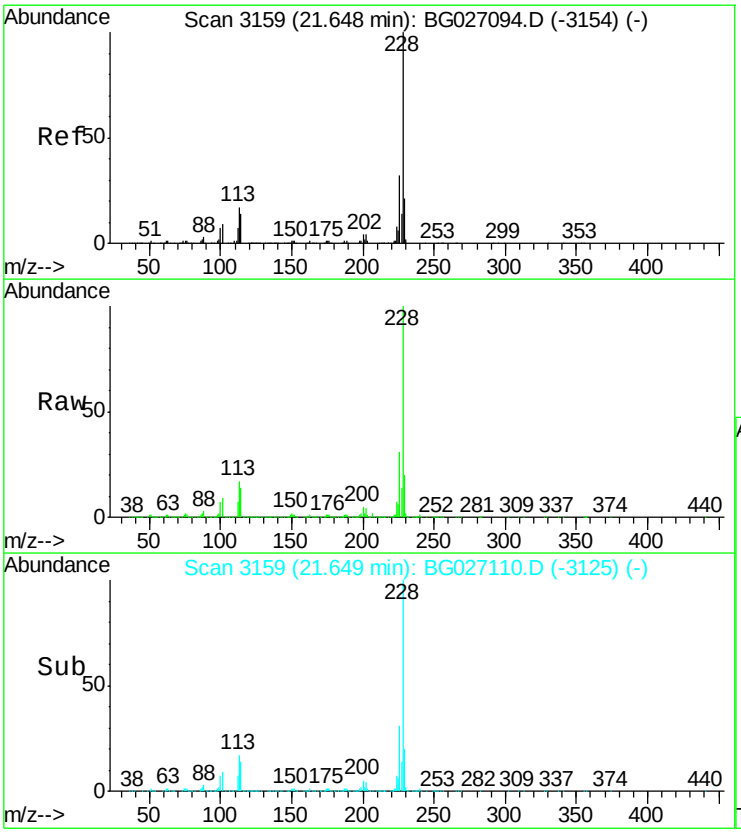
#20
Benzo(a)anthracene
Concen: 19.77 ng/ul
RT: 21.58 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 1101455

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	28.8	21.1	31.7

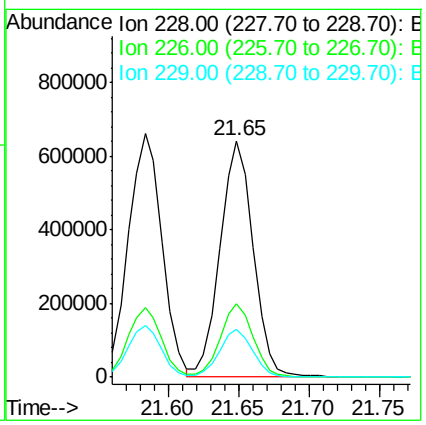


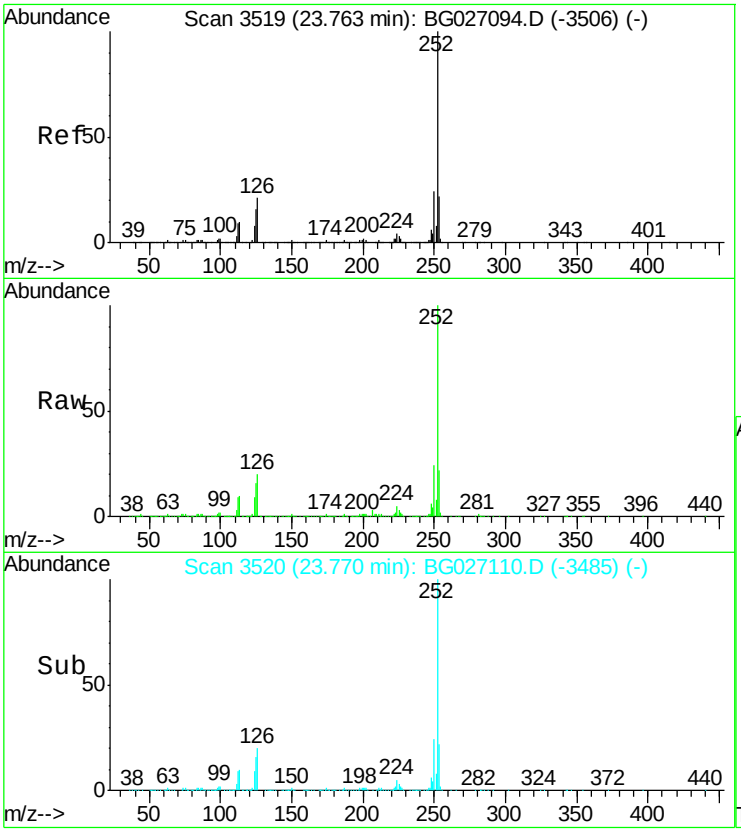


#21
Chrysene
Concen: 20.31 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Tgt Ion:228 Resp: 1038573

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	20.1	15.8	23.8



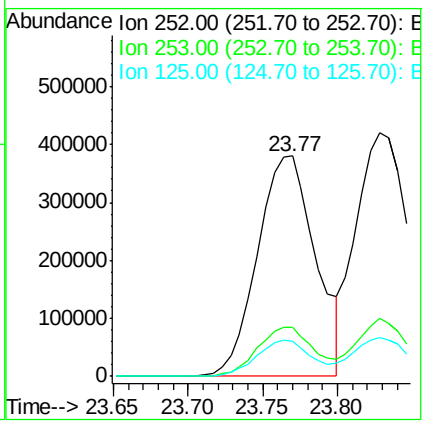


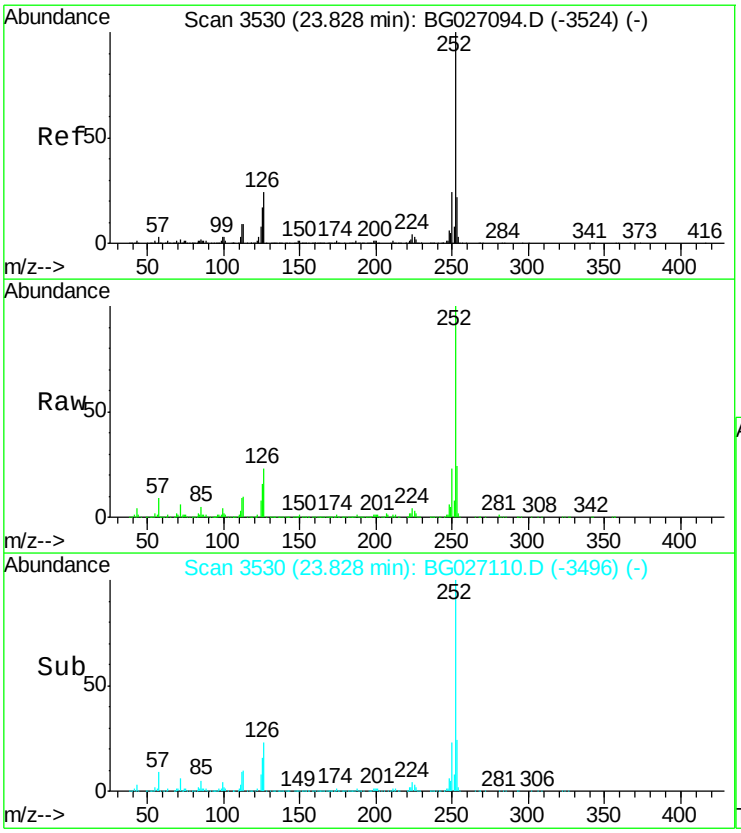
#23
Benzo(b)fluoranthene
Concen: 21.98 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1028102

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	16.0	8.0	12.0#

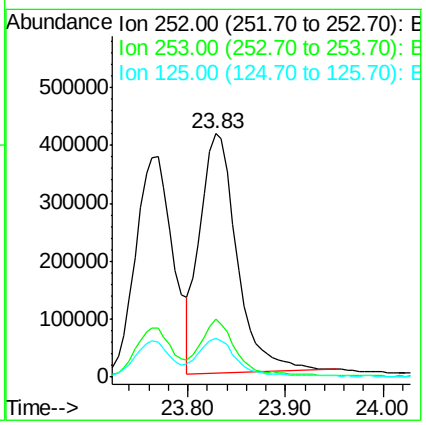


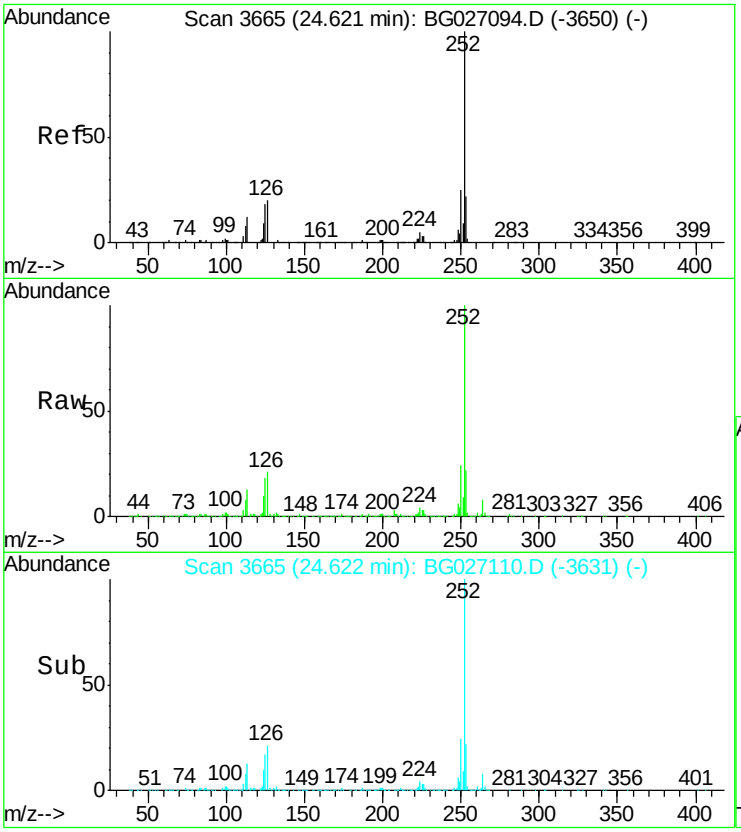


#24
Benzo(k)fluoranthene
Concen: 22.71 ng/ul
RT: 23.83 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Tgt Ion:252 Resp: 1092674

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	15.9	8.1	12.1#



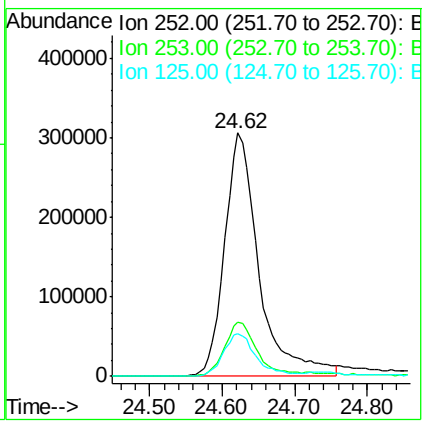


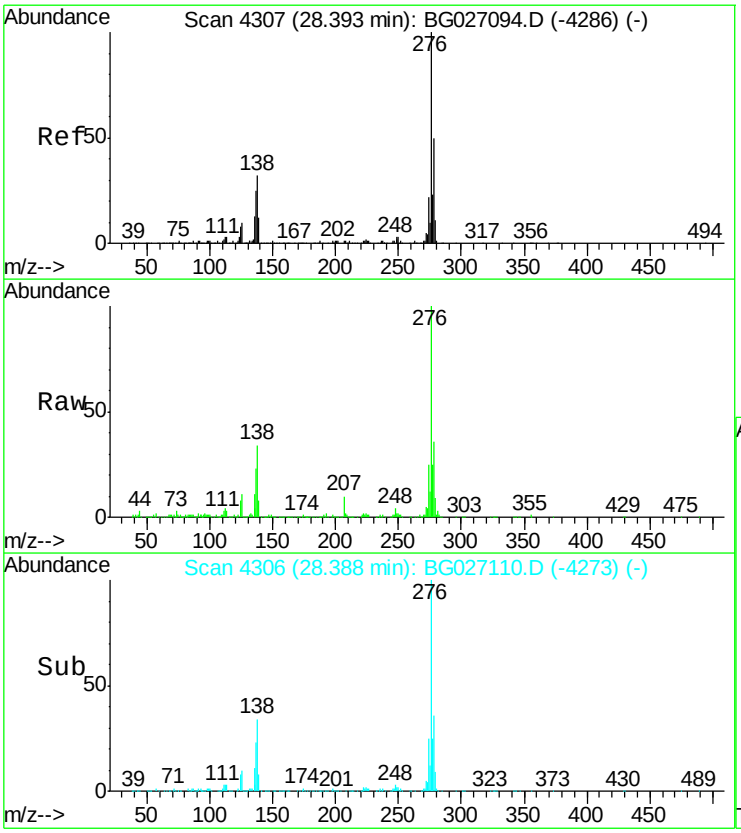
#26
Benzo(a)pyrene
Concen: 21.88 ng/ul
RT: 24.62 min Scan# 3665
Delta R.T. 0.00 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1001112

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	17.5	8.2	12.4#

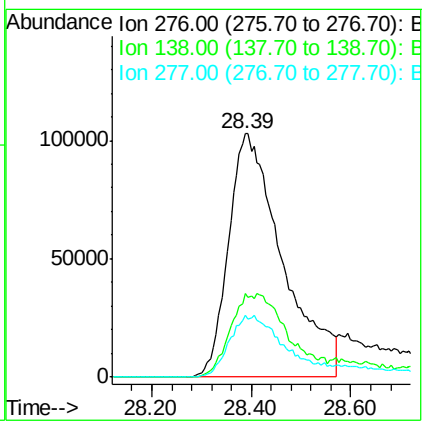


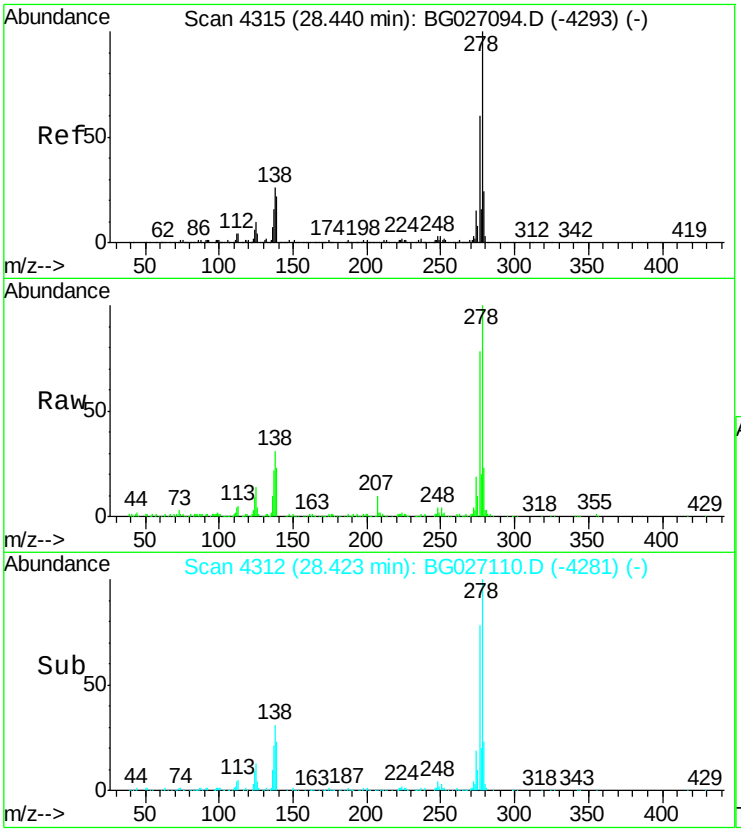


#27
Indeno(1,2,3-cd)pyrene
Concen: 18.41 ng/ul
RT: 28.39 min Scan# 4306
Delta R.T. -0.01 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Tgt Ion:276 Resp: 774908

Ion	Ratio	Lower	Upper
276	100		
138	34.4	14.4	21.6#
277	25.4	18.0	27.0



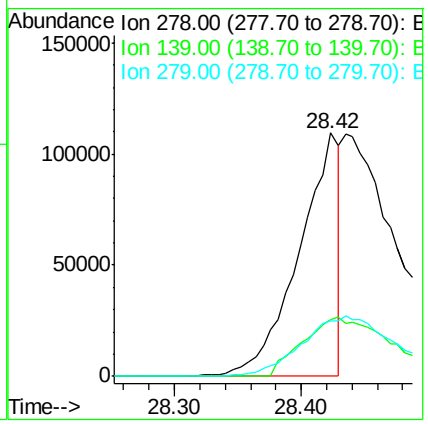


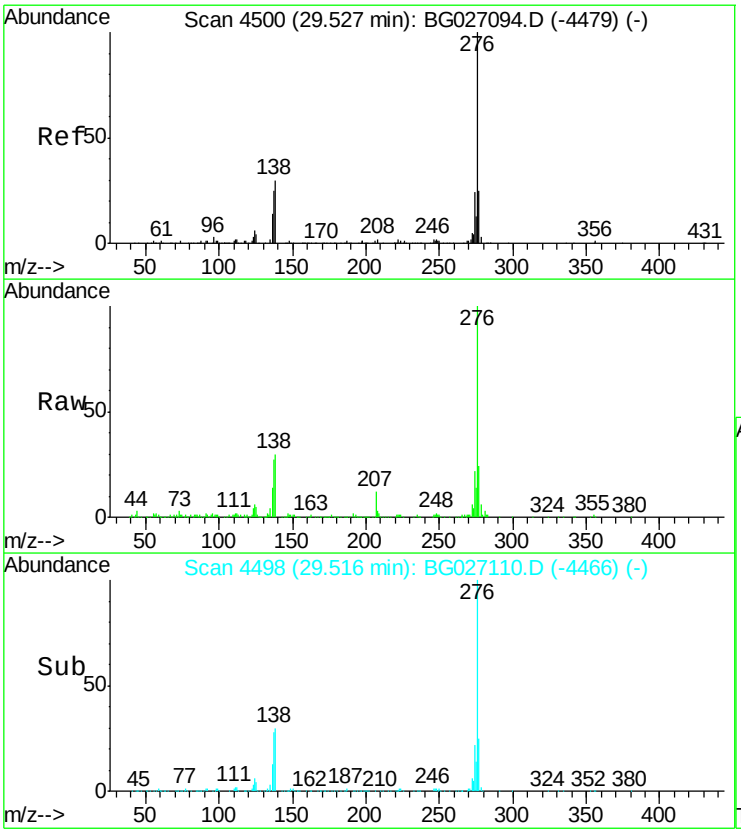
#28
Dibenzo(a,h)anthracene
Concen: 6.70 ng/ul
RT: 28.42 min Scan# 4312
Delta R.T. -0.02 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 243207

Ion	Ratio	Lower	Upper
278	100		
139	23.1	12.2	18.4#
279	22.6	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 13.81 ng/ul
RT: 29.52 min Scan# 4498
Delta R.T. -0.01 min
Lab File: BG027110.D
Acq: 24 May 2017 1:09

Tgt Ion:276 Resp: 462386

Ion	Ratio	Lower	Upper
276	100		
138	29.9	15.3	22.9#
277	24.3	19.0	28.4