Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051916\
Data File : BG021970.D
Acq On : 19 May 2016 19:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 20 05:48:22 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41989	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	214953	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	120617	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	245510	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	203731	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	191956	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	6275	6.85	ng/uL	0.00
3) Phenol-d5	7.31	99	72179	19.47	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	37570	19.03	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	60676	19.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	61149	18.51	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	30127	19.98	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	32901	20.45	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	59141	20.80	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	45610	20.36	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	170691	18.35	ng/ul	0.00
17) Acenaphthylene-d8	14.49	160	236301	19.73	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	30015	18.35	ng/ul	0.00
21) Fluorene-d10	15.77	176	157516	18.82	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	22733	18.66	ng/ul	0.00
26) Anthracene-d10	17.63	188	223326	19.74	ng/ul	0.00
30) Pyrene-d10	19.90	212	216873	20.18	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	97287	11.41	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	211278	20.21	ng/ul	98
13) 2-Methylnaphthalene	12.62	142	150193	19.82	ng/ul	95
14) 1-Methylnaphthalene	12.84	142	149260	19.25	ng/ul#	98
18) Acenaphthylene	14.51	152	248132	19.89	ng/ul	99
19) Acenaphthene	14.85	153	167251	19.53	ng/ul	98
22) Fluorene	15.83	166	178300	18.80	ng/ul	99
25) Phenanthrene	17.57	178	264339	20.14	ng/ul	97
27) Anthracene	17.66	178	263619	19.99	ng/ul	99
28) Fluoranthene	19.57	202	272881	20.01	ng/ul#	94
31) Pyrene	19.57	202	272881	19.45	ng/ul	97
32) Benzo(a)anthracene	21.79	228	229680	20.32	ng/ul	96
33) Chrysene	21.86	228	226408	20.59	ng/ul	98
35) Benzo(b)fluoranthene	24.08	252	224740	20.37	ng/ul#	96
36) Benzo(k)fluoranthene	24.15	252	213277	19.65	ng/ul#	94
38) Benzo(a)pyrene	24.98	252	215245	20.40	ng/ul#	94
39) Indeno(1,2,3-cd)pyrene	28.96	276	240891	20.08	ng/ul#	93
40) Dibenzo(a,h)anthracene	29.03	278	194226	19.55	ng/ul#	96
41) Benzo(g,h,i)perylene	30.15	276	189517	18.68	ng/ul#	90

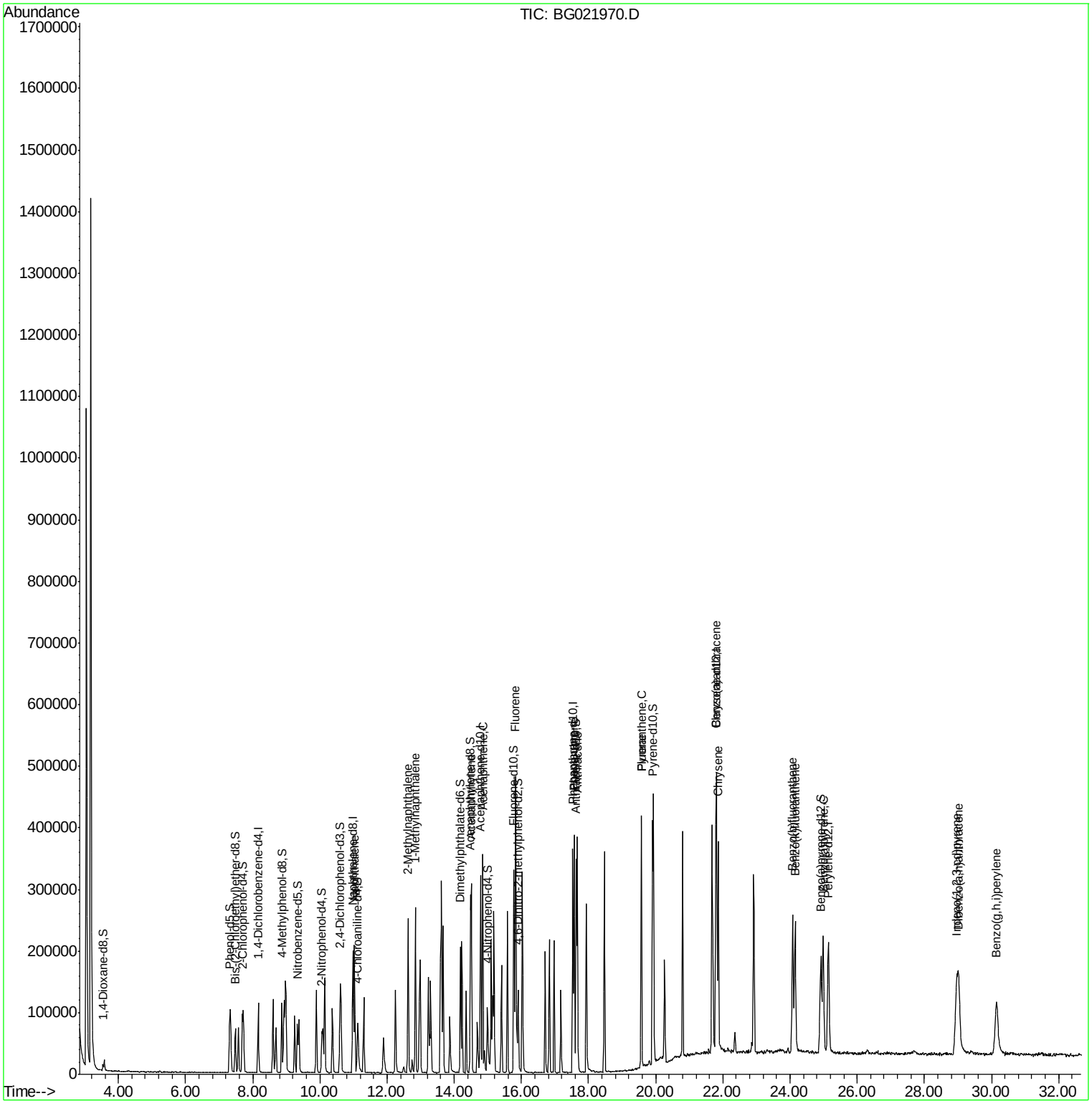
(#) = qualifier out of range (m) = manual integration (+) = signals summed

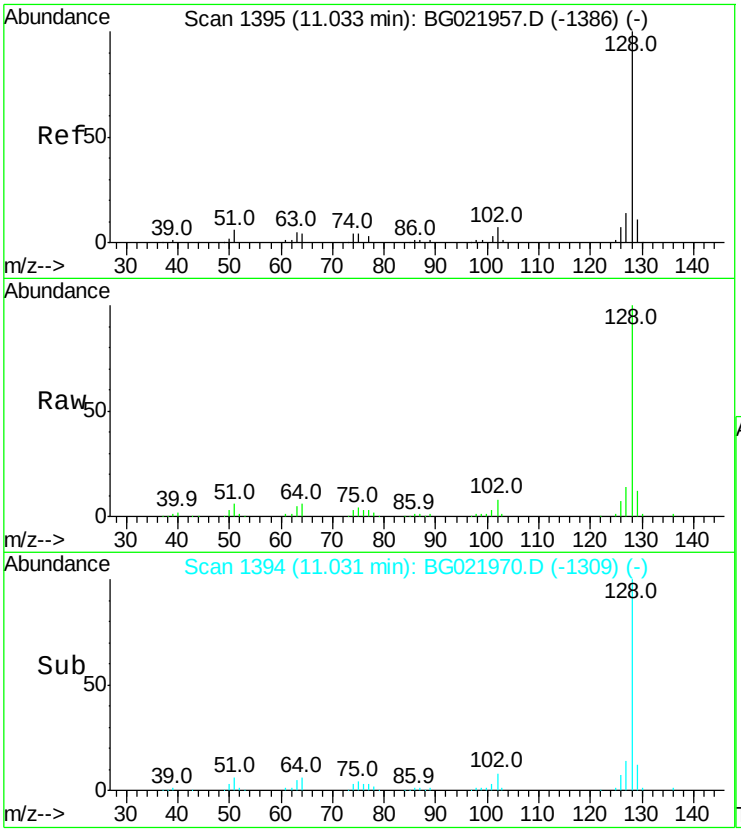
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051916\
Data File : BG021970.D
Acq On : 19 May 2016 19:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 20 05:48:22 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration



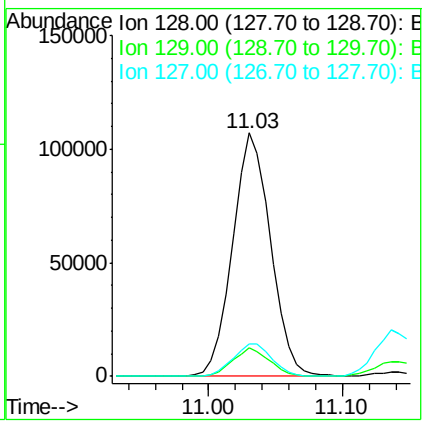


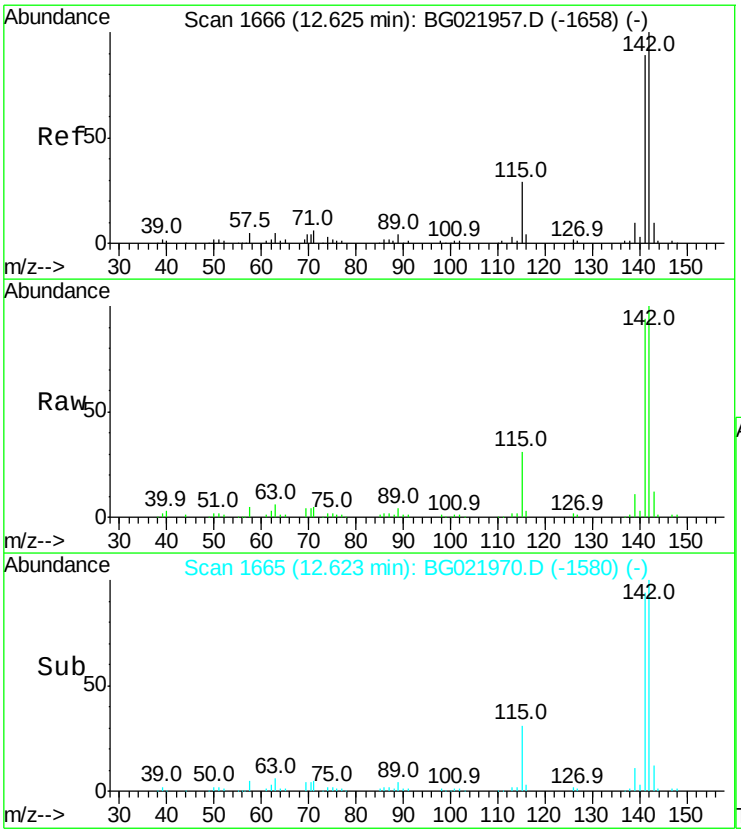
#11
Naphthalene
Concen: 20.21 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 211278

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.3	12.5
127	13.5	10.8	16.2

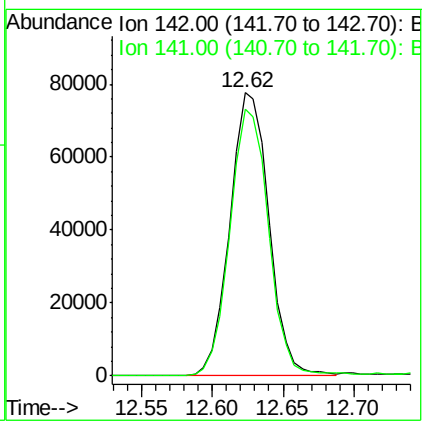


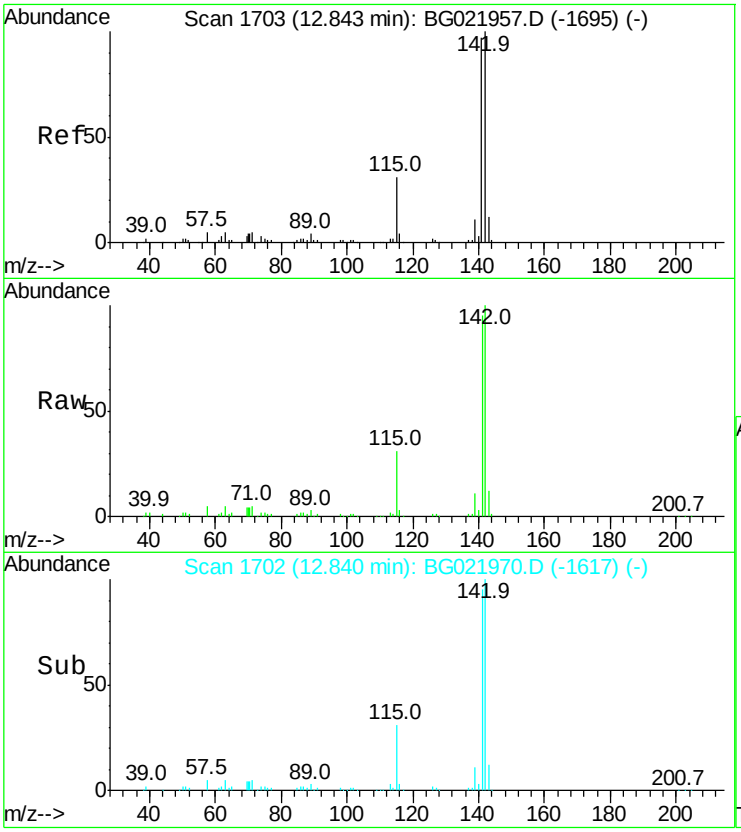


#13
2-Methylnaphthalene
Concen: 19.82 ng/ul
RT: 12.62 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Tgt Ion:142 Resp: 150193

Ion	Ratio	Lower	Upper
142	100		
141	94.2	71.3	106.9



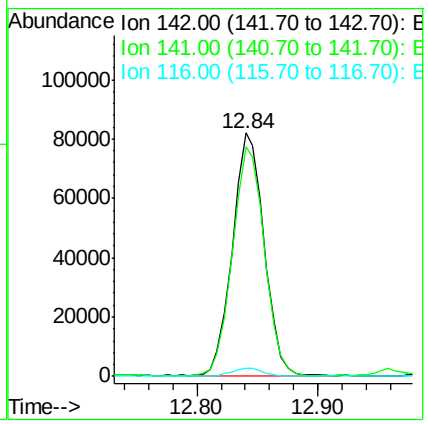


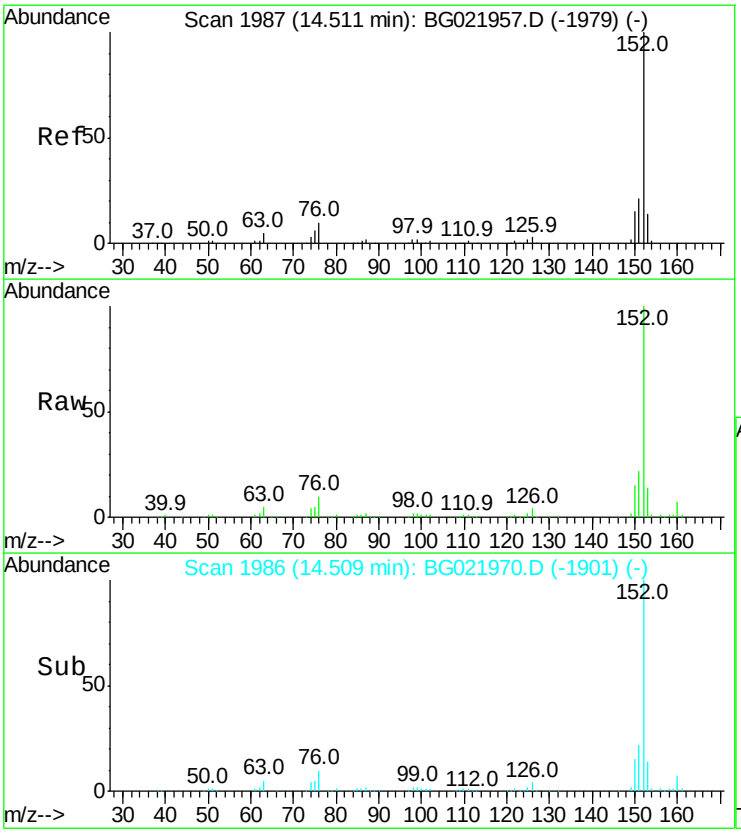
#14
1-Methylnaphthalene
Concen: 19.25 ng/ul
RT: 12.84 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 149260

Ion	Ratio	Lower	Upper
142	100		
141	94.5	77.0	115.4
116	3.5	4.2	6.4#

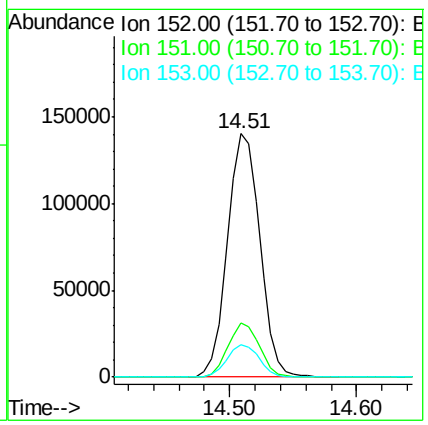


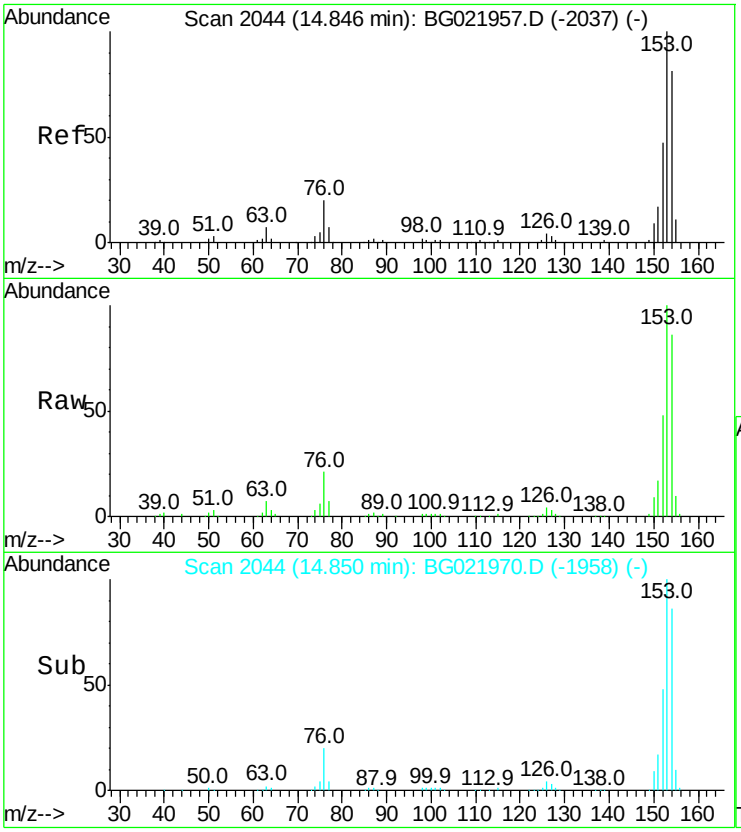


#18
Acenaphthylene
Concen: 19.89 ng/ul
RT: 14.51 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Tgt Ion:152 Resp: 248132

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.3	25.9
153	13.5	11.1	16.7



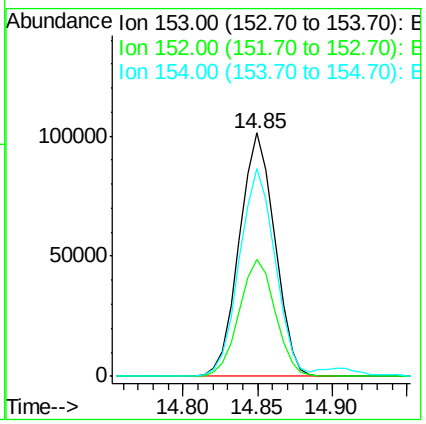


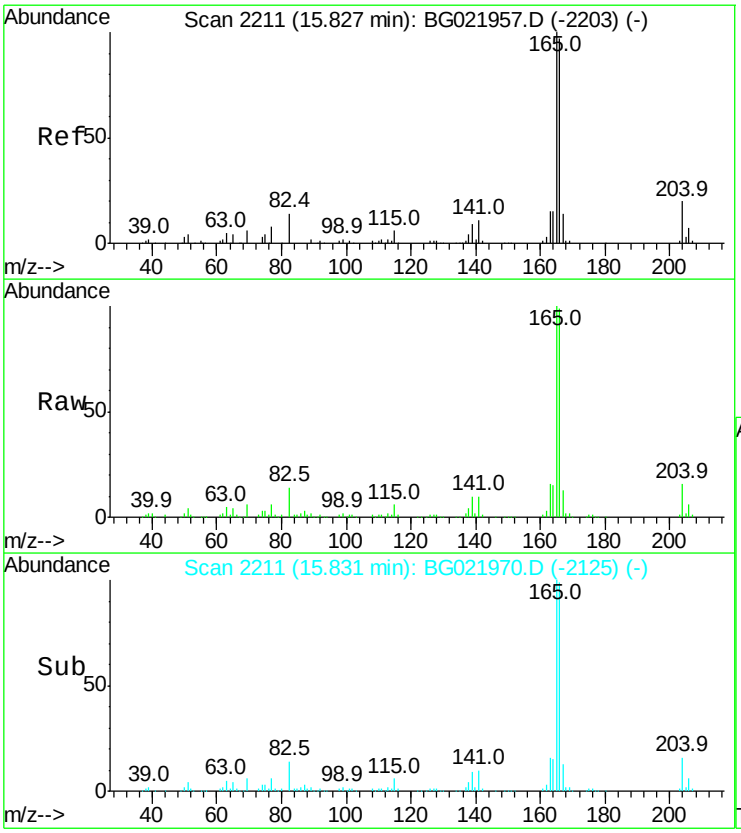
#19
Acenaphthene
Concen: 19.53 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 167251

Ion	Ratio	Lower	Upper
153	100		
152	47.8	36.5	54.7
154	85.5	67.3	100.9

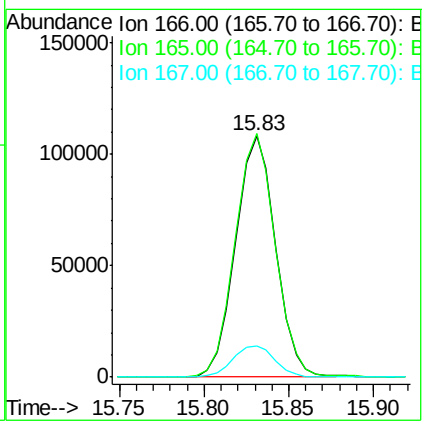


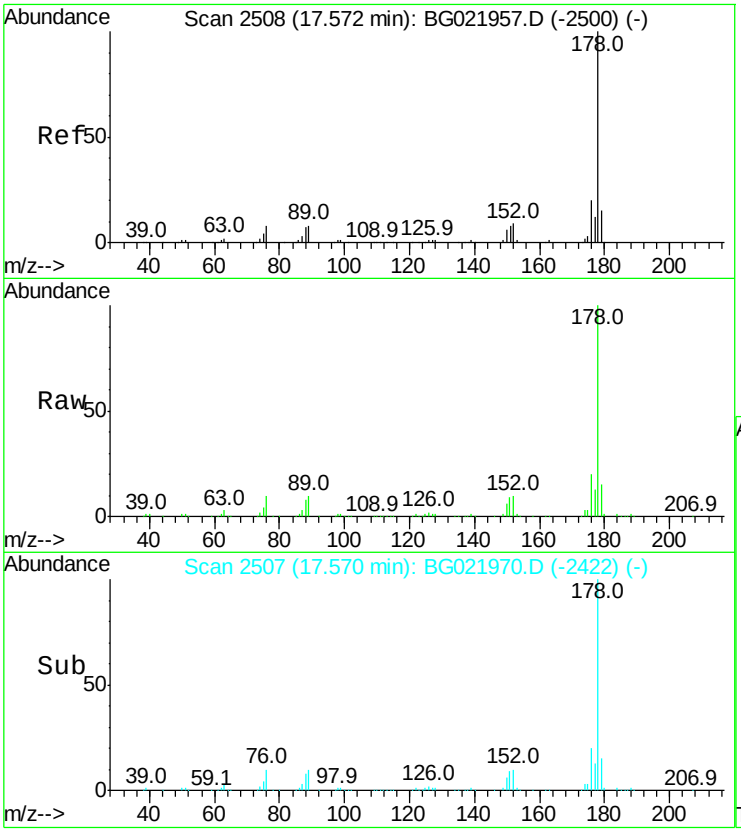


#22
Fluorene
Concen: 18.80 ng/ul
RT: 15.83 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Tgt Ion:166 Resp: 178300

Ion	Ratio	Lower	Upper
166	100		
165	100.7	81.1	121.7
167	13.1	10.6	16.0



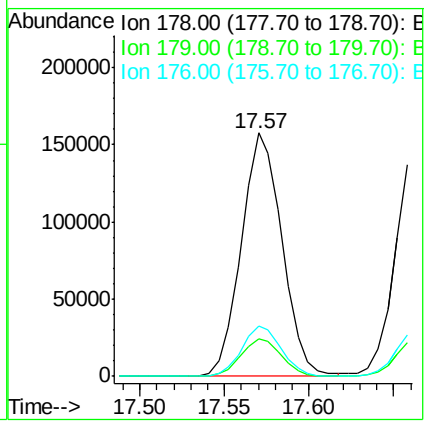


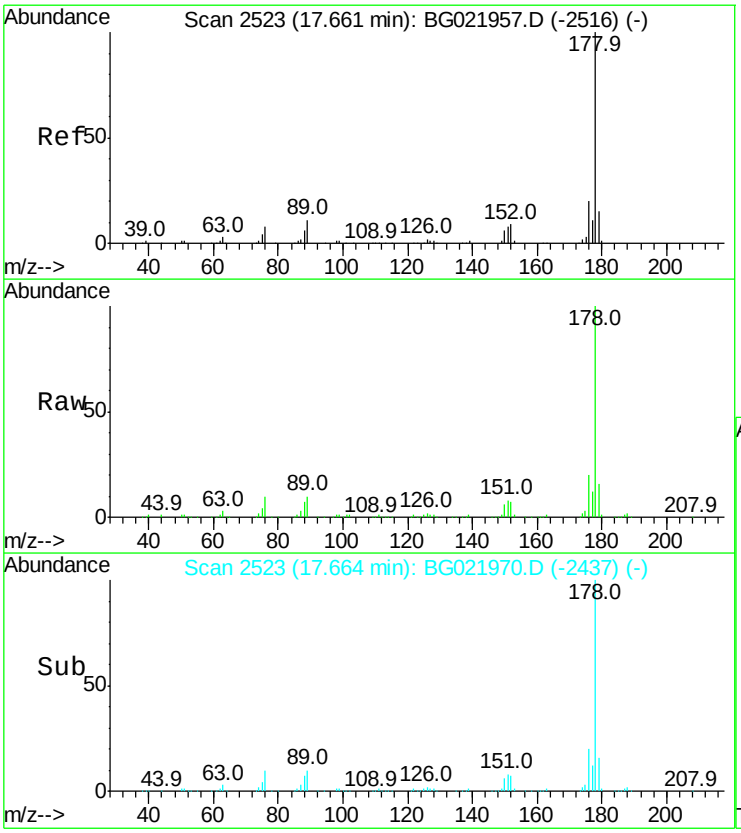
#25
Phenanthrene
Concen: 20.14 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 264339

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	20.5	14.8	22.2

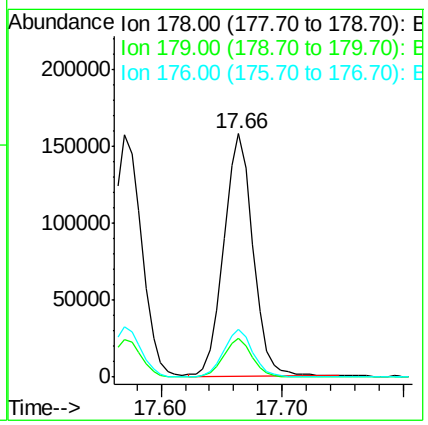


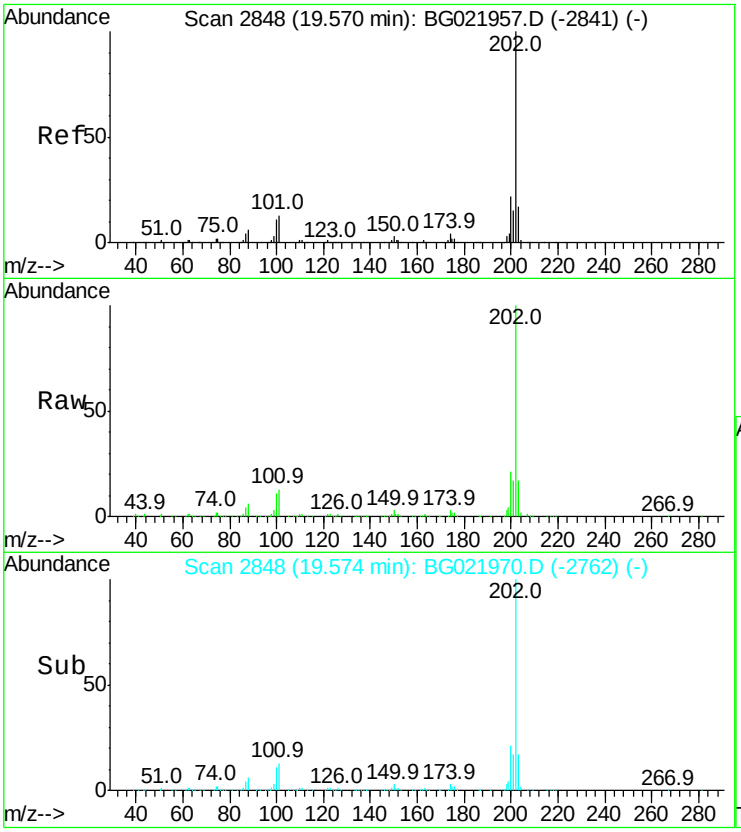


#27
Anthracene
Concen: 19.99 ng/ul
RT: 17.66 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Tgt Ion:178 Resp: 263619

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.9	15.6	23.4



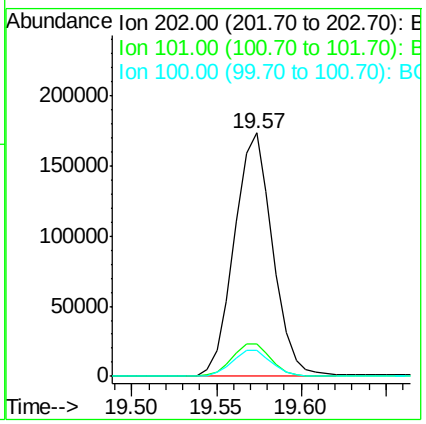


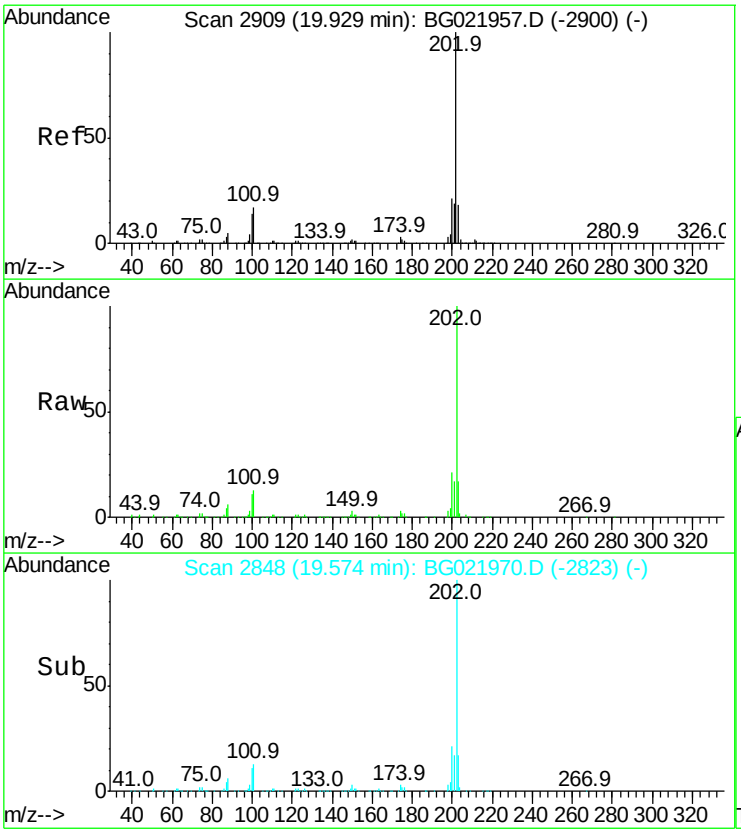
#28
Fluoranthene
Concen: 20.01 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 272881

Ion	Ratio	Lower	Upper
202	100		
101	13.4	8.9	13.3#
100	10.6	7.0	10.4#

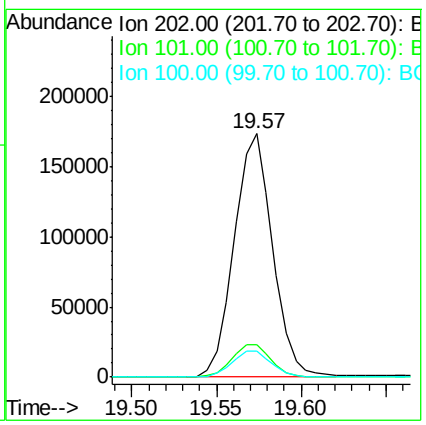


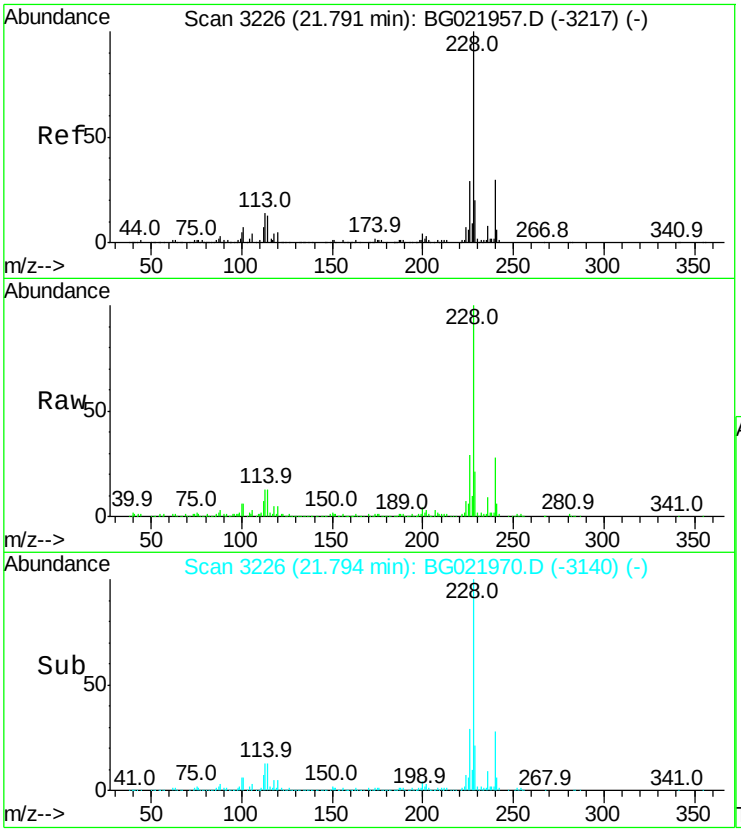


#31
Pyrene
Concen: 19.45 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.36 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Tgt Ion:202 Resp: 272881

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.8	14.8
100	10.6	9.3	13.9



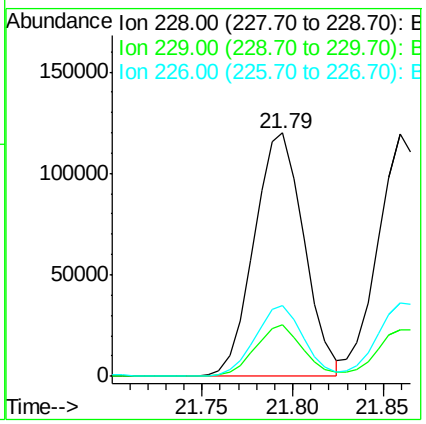


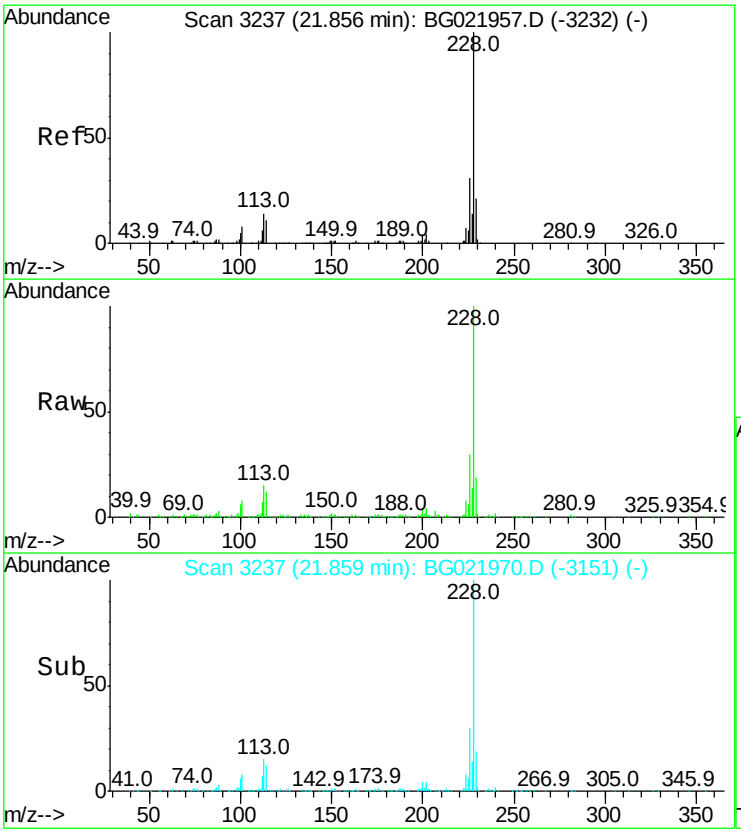
#32
Benzo(a)anthracene
Concen: 20.32 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 229680

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.6	25.0
226	29.3	21.0	31.4

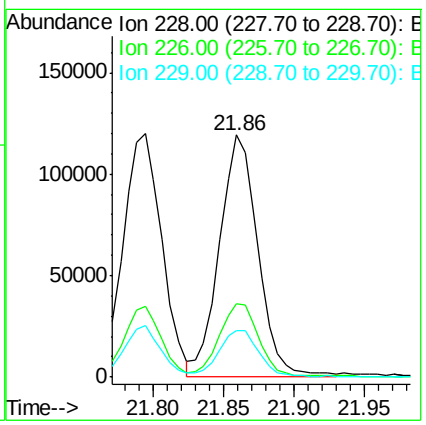


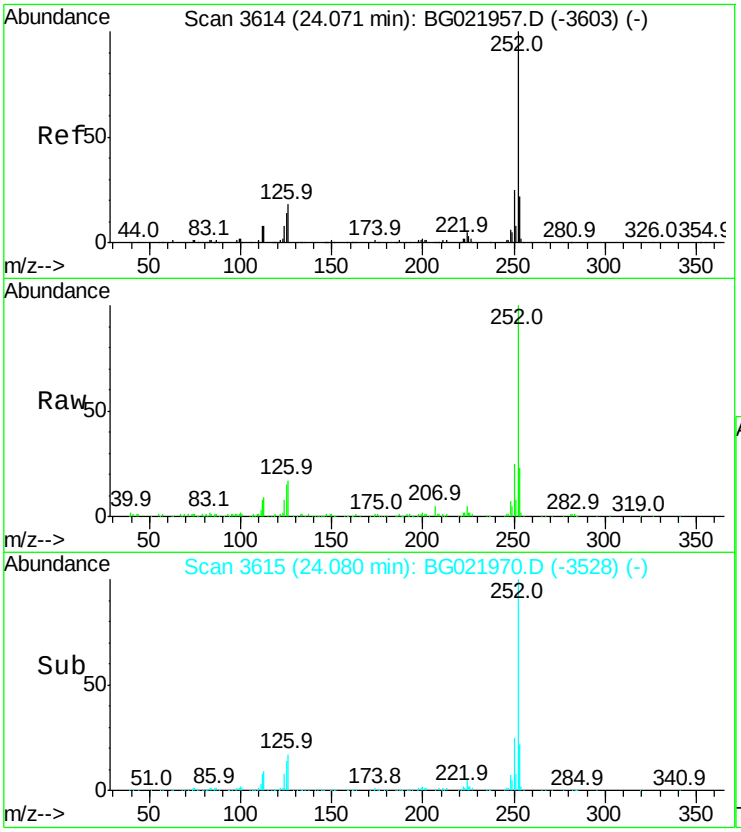


#33
Chrysene
Concen: 20.59 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. 0.00 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Tgt Ion:228 Resp: 226408

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	19.1	16.2	24.2



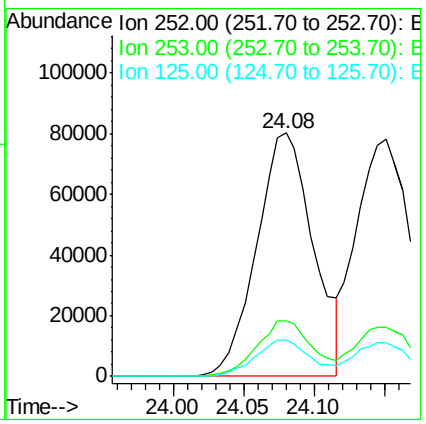


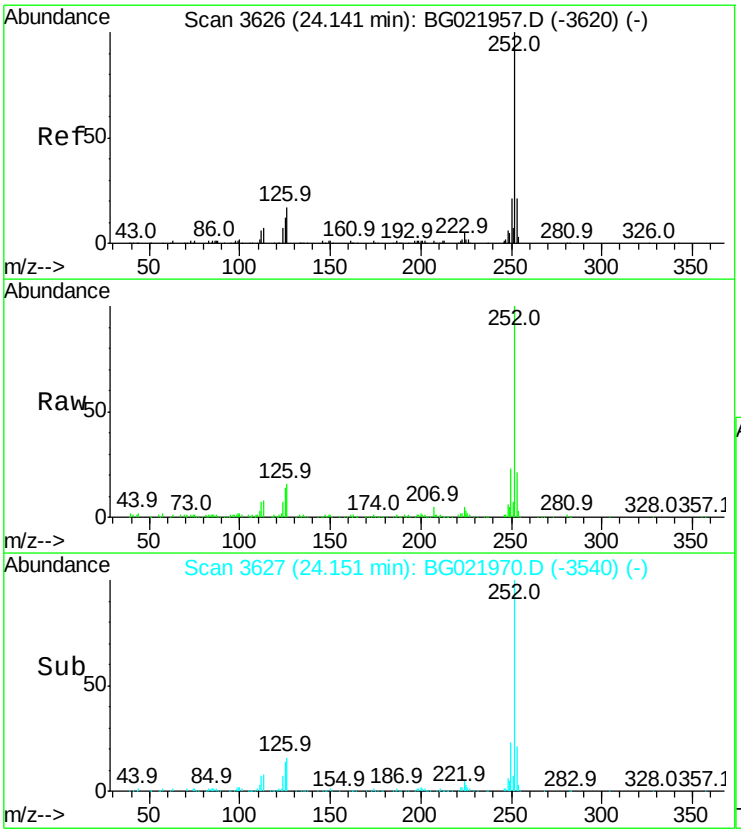
#35
Benzo(b)fluoranthene
Concen: 20.37 ng/ul
RT: 24.08 min Scan# 3615
Delta R.T. 0.01 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 224740

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	14.7	7.6	11.4#

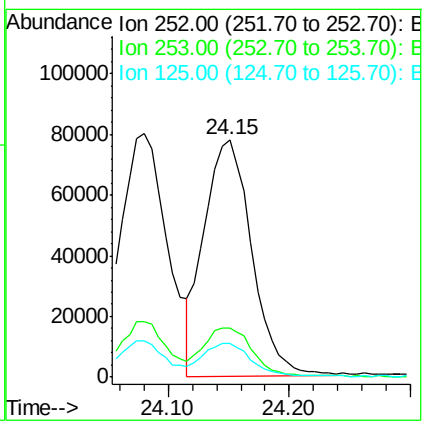


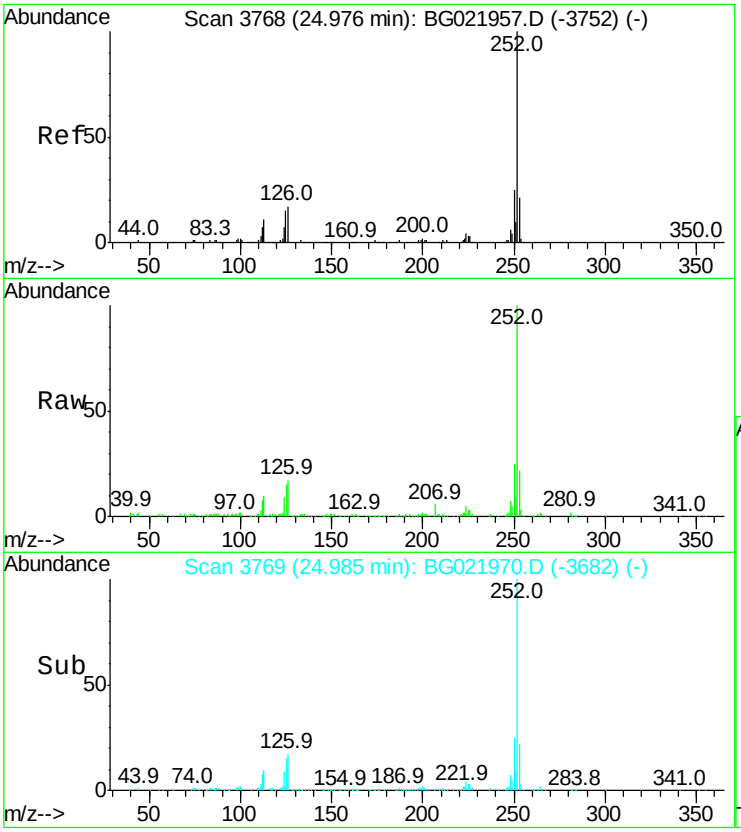


#36
Benzo(k)fluoranthene
Concen: 19.65 ng/ul
RT: 24.15 min Scan# 3627
Delta R.T. 0.01 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Tgt Ion:252 Resp: 213277

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.8	26.8
125	14.0	7.7	11.5#



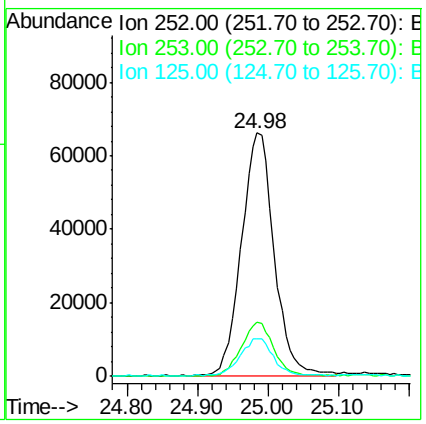


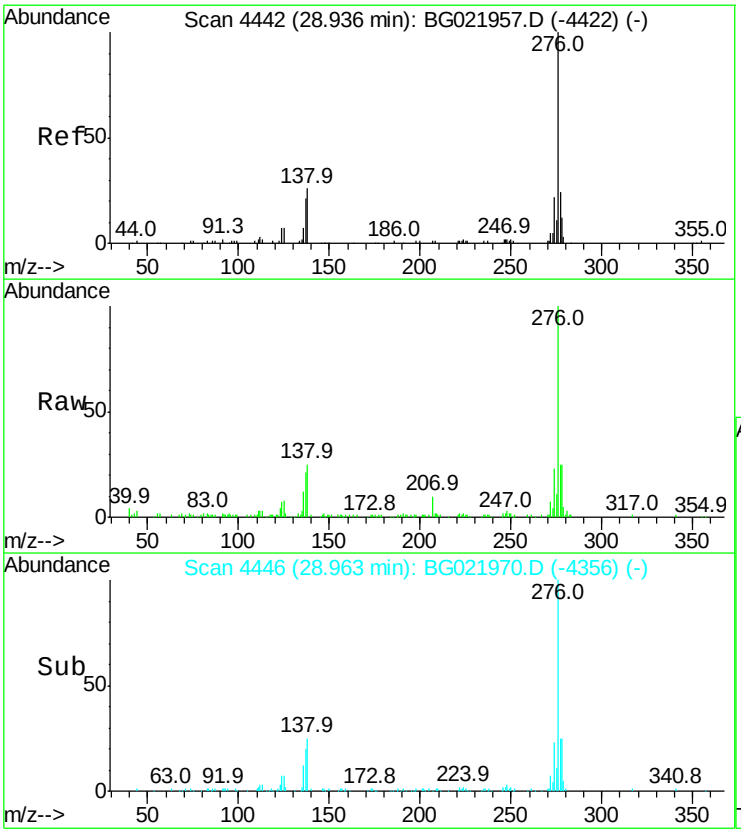
#38
Benzo(a)pyrene
Concen: 20.40 ng/ul
RT: 24.98 min Scan# 3769
Delta R.T. 0.01 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 215245

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	15.3	8.2	12.2#

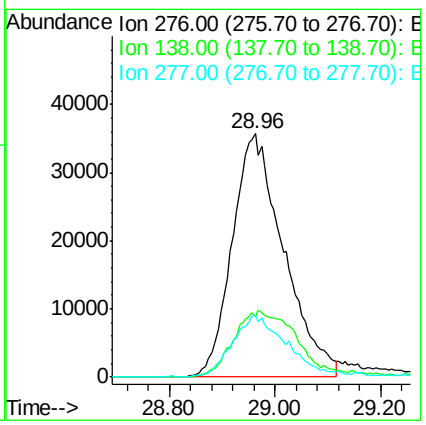


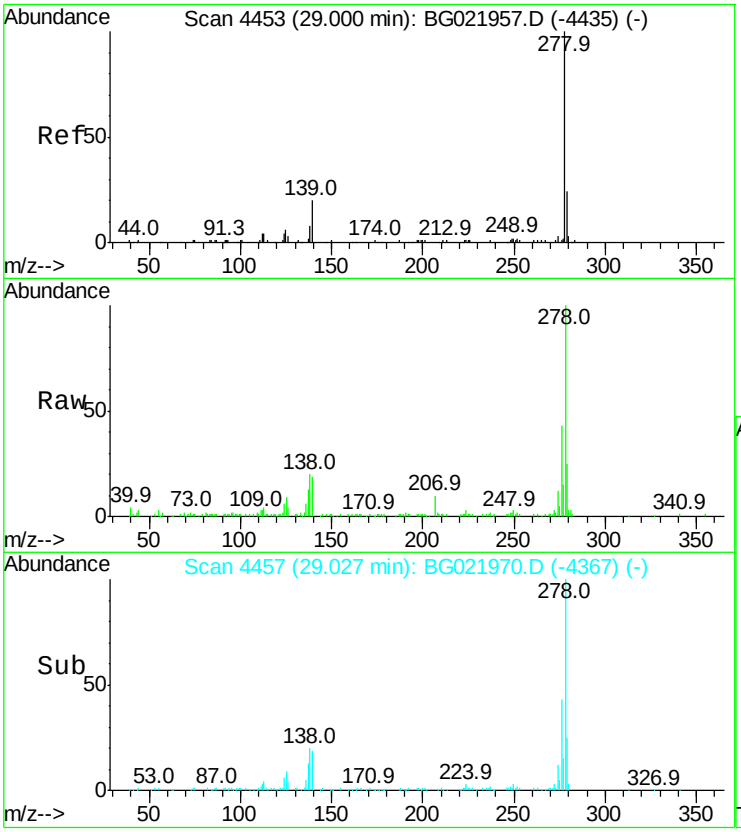


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.08 ng/ul
RT: 28.96 min Scan# 4446
Delta R.T. 0.03 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Tgt Ion:276 Resp: 240891

Ion	Ratio	Lower	Upper
276	100		
138	25.1	15.8	23.6#
277	25.2	19.0	28.6



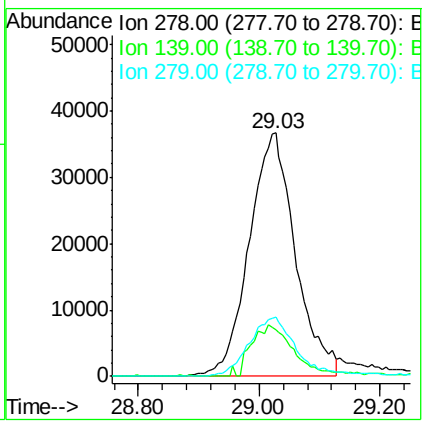


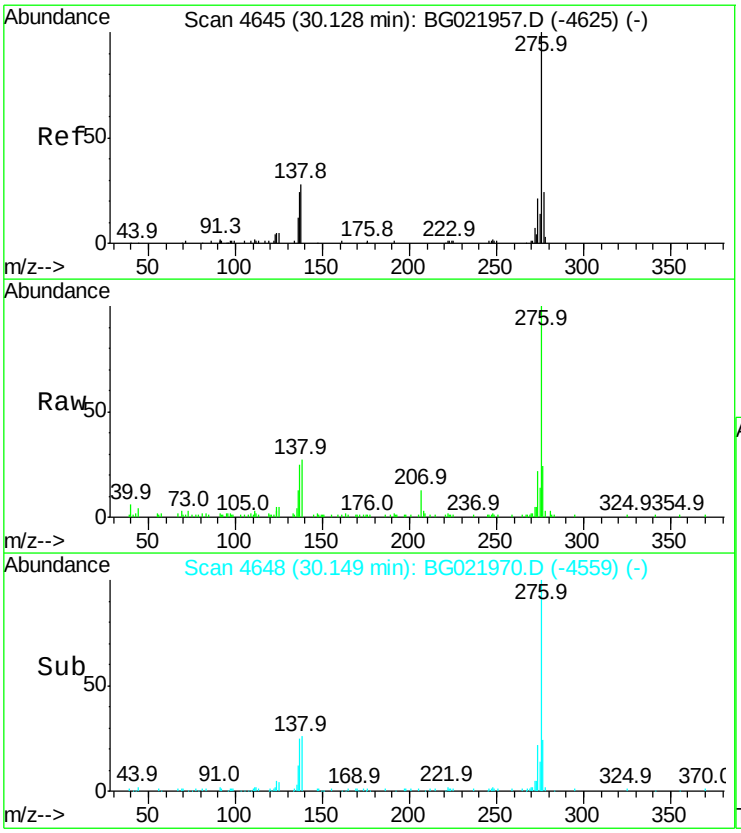
#40
Dibenzo(a,h)anthracene
Concen: 19.55 ng/ul
RT: 29.03 min Scan# 4457
Delta R.T. 0.03 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 194226

Ion	Ratio	Lower	Upper
278	100		
139	19.0	12.1	18.1#
279	24.5	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 18.68 ng/ul
RT: 30.15 min Scan# 4648
Delta R.T. 0.02 min
Lab File: BG021970.D
Acq: 19 May 2016 19:44

Tgt Ion:276 Resp: 189517

Ion	Ratio	Lower	Upper
276	100		
138	26.6	13.9	20.9#
277	23.8	19.8	29.6