Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG051916\
Data File : BG021957.D
Acq On : 19 May 2016 8:58
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 20 05:43:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:59:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	32418	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	163194	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	92887	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	200668	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	179109	20.00	ng/ul	0.00
34) Perylene-d12	25.13	264	163117	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	5309	7.51	ng/uL	0.00
3) Phenol-d5	7.31	99	51995	18.16	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	29127	19.10	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	46286	19.69	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	44686	17.52	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	23652	20.66	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	24025	19.67	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	44565	20.64	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	31915	18.77	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	134695	18.81	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	182991	19.84	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	20722	16.45	ng/ul	0.00
21) Fluorene-d10	15.77	176	124607	19.33	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	17413	17.49	ng/ul	0.00
26) Anthracene-d10	17.63	188	177568	19.21	ng/ul	0.00
30) Pyrene-d10	19.90	212	185733	19.65	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	147771	20.40	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	11.03	128	161123	20.30	ng/ul	100
13) 2-Methylnaphthalene	12.63	142	113500	19.73	ng/ul	100
14) 1-Methylnaphthalene	12.84	142	113543	19.29	ng/ul#	99
18) Acenaphthylene	14.51	152	192060	19.99	ng/ul	100
19) Acenaphthene	14.85	153	131967	20.01	ng/ul	97
22) Fluorene	15.83	166	142716	19.54	ng/ul	98
25) Phenanthrene	17.57	178	215732	20.11	ng/ul	97
27) Anthracene	17.66	178	213686	19.83	ng/ul	98
28) Fluoranthene	19.57	202	234315	21.02	ng/ul#	95
31) Pyrene	19.57	202	234315	19.00	ng/ul	99
32) Benzo(a)anthracene	21.79	228	205767	20.71	ng/ul	97
33) Chrysene	21.86	228	190665	19.73	ng/ul	98
35) Benzo(b)fluoranthene	24.07	252	191765	20.45	ng/ul#	96
36) Benzo(k)fluoranthene	24.14	252	190370	20.64	ng/ul#	96
38) Benzo(a)pyrene	24.98	252	182556	20.36	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.94	276	210960	20.70	ng/ul#	93
40) Dibenzo(a,h)anthracene	29.00	278	169300	20.05	ng/ul#	95
41) Benzo(g,h,i)perylene	30.13	276	174601	20.25	ng/ul#	89

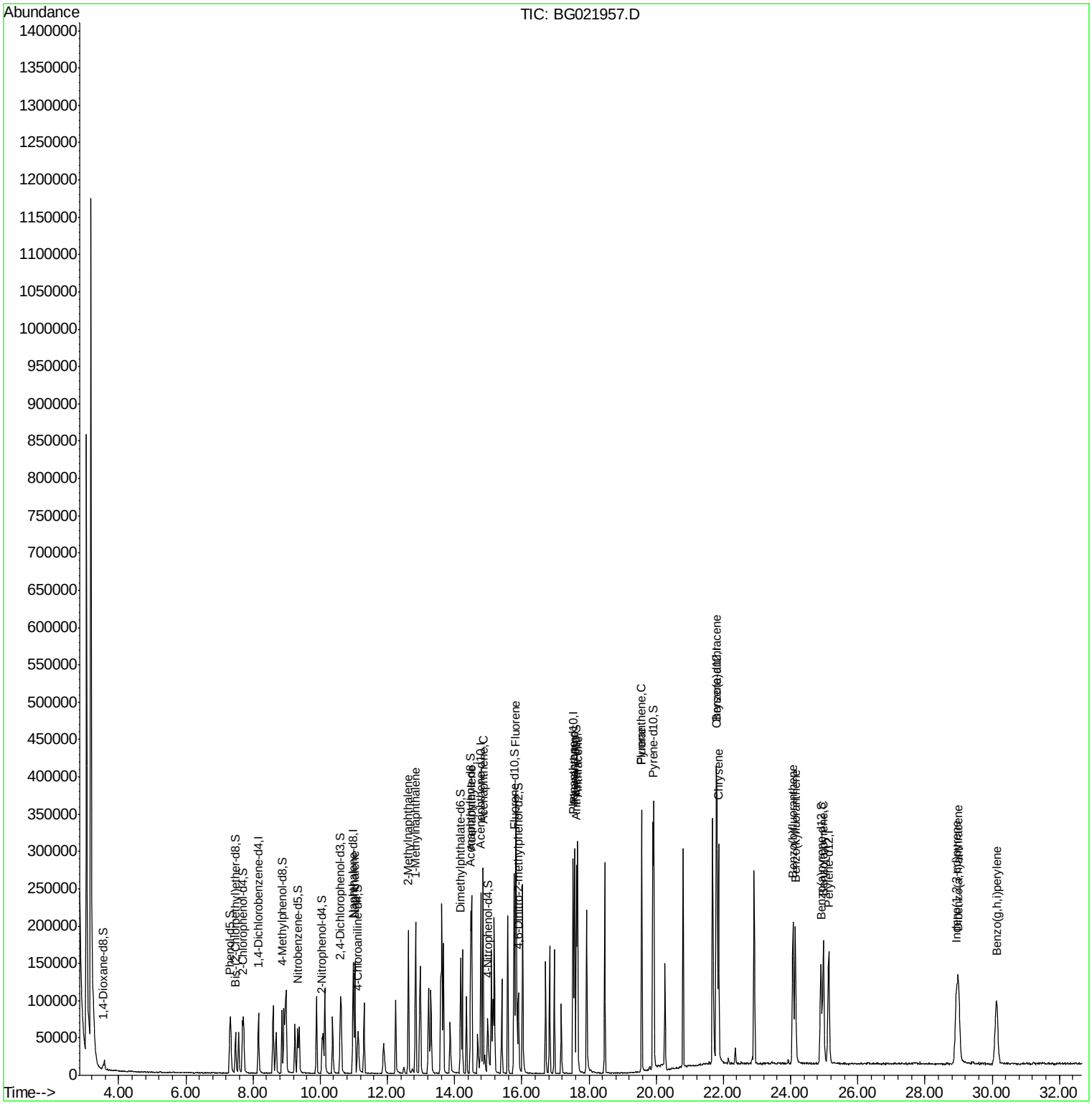
(#) = qualifier out of range (m) = manual integration (+) = signals summed

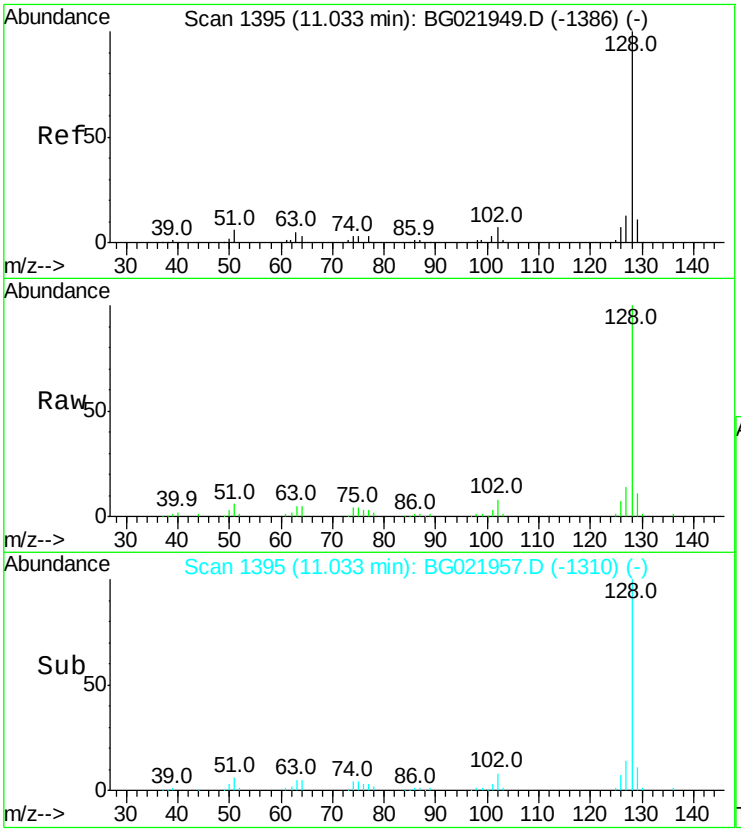
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG051916\
Data File : BG021957.D
Acq On : 19 May 2016 8:58
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 20 05:43:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:59:04 2016
Response via : Initial Calibration



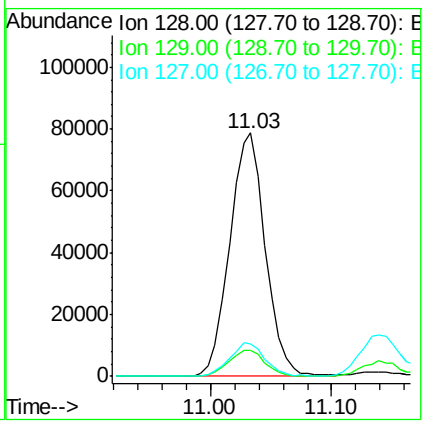


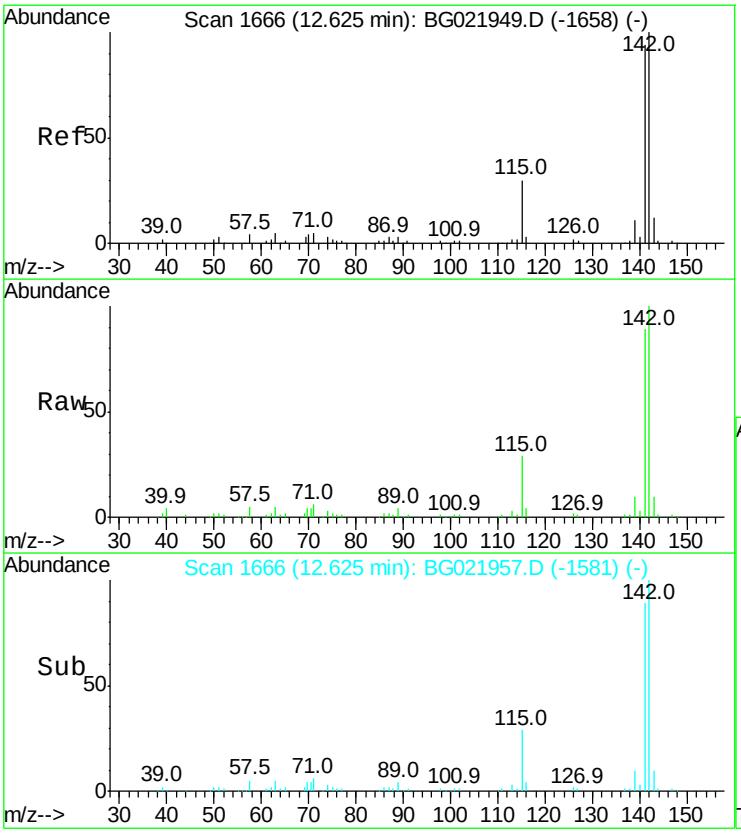
#11
Naphthalene
Concen: 20.30 ng/ul
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 161123

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.3	12.5
127	13.5	10.8	16.2

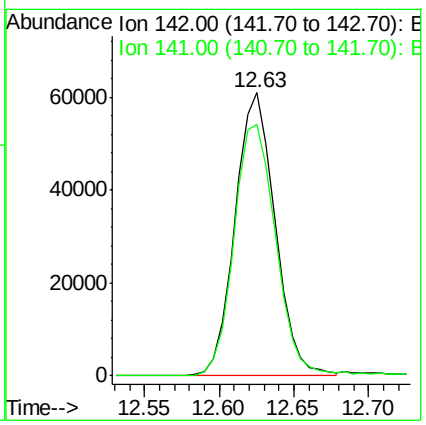


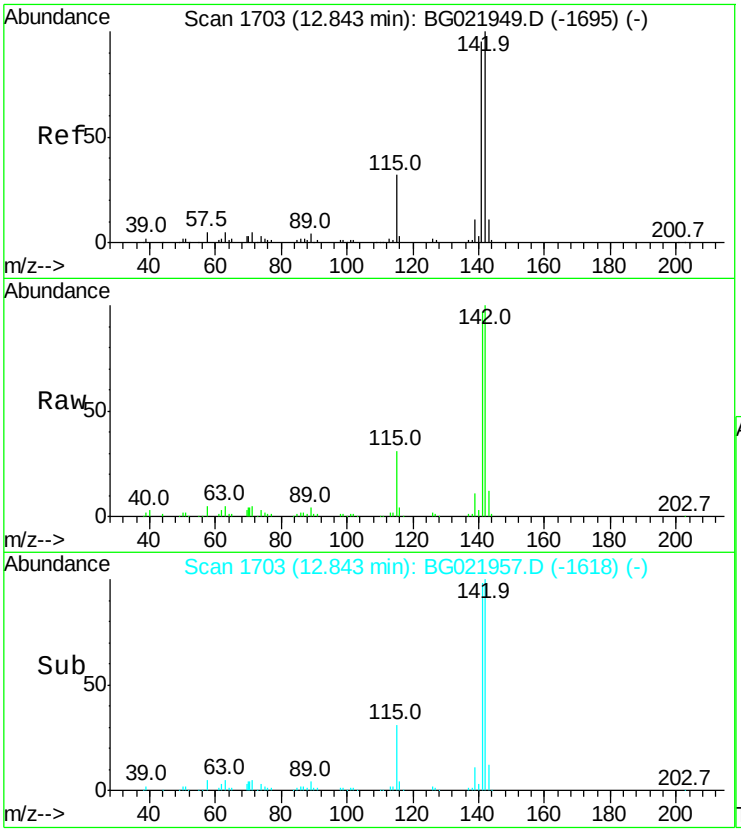


#13
2-Methylnaphthalene
Concen: 19.73 ng/ul
RT: 12.63 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Tgt Ion:142 Resp: 113500

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9



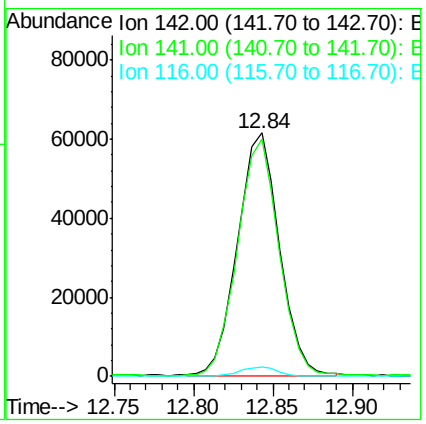


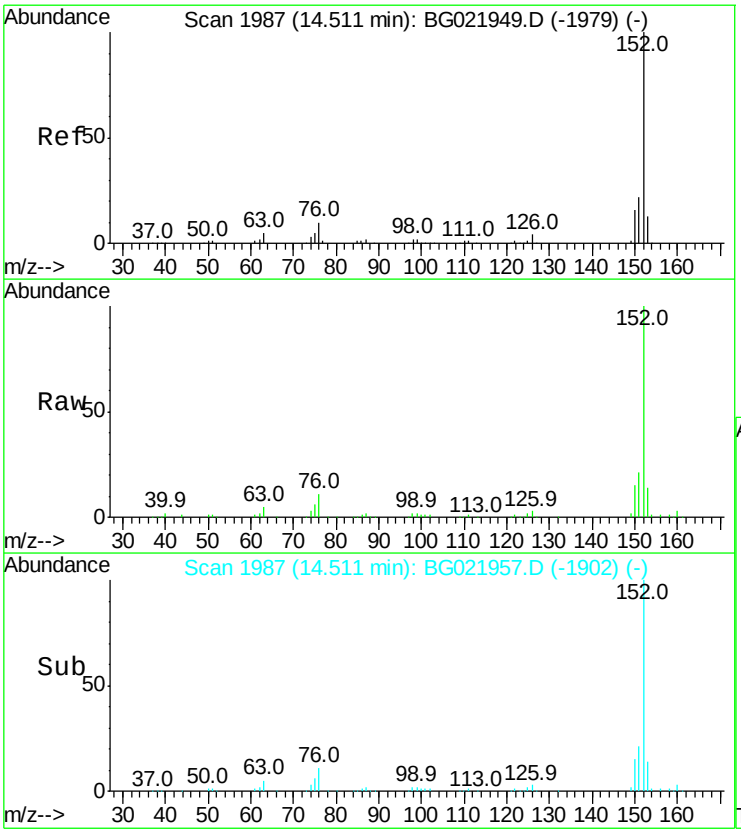
#14
1-Methylnaphthalene
Concen: 19.29 ng/ul
RT: 12.84 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 113543

Ion	Ratio	Lower	Upper
142	100		
141	97.2	77.0	115.4
116	3.8	4.2	6.4#

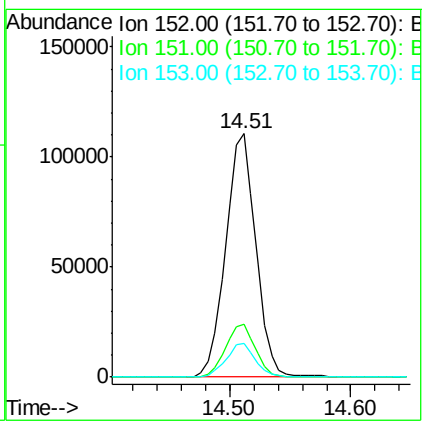


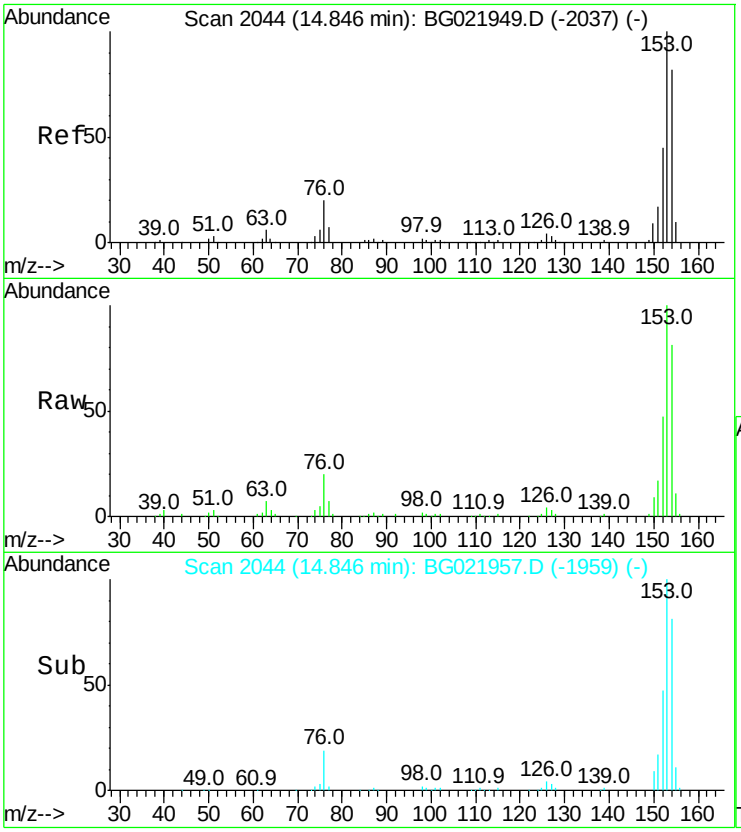


#18
Acenaphthylene
Concen: 19.99 ng/ul
RT: 14.51 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Tgt Ion:152 Resp: 192060

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.3	25.9
153	13.6	11.1	16.7



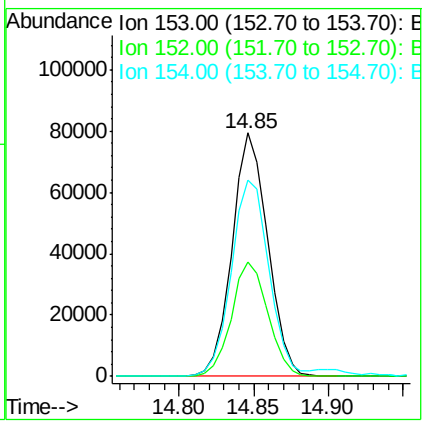


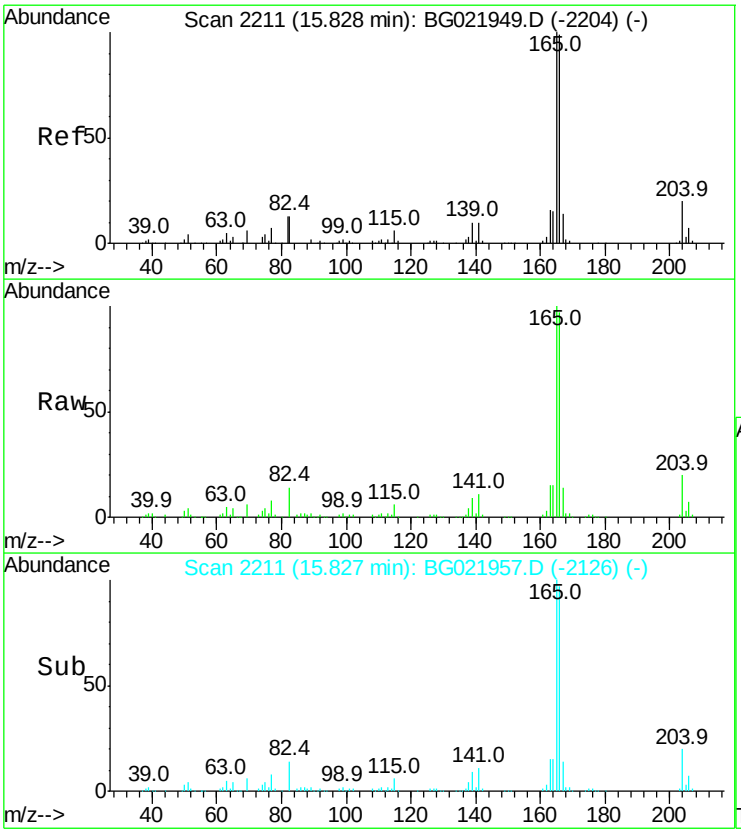
#19
Acenaphthene
Concen: 20.01 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 131967

Ion	Ratio	Lower	Upper
153	100		
152	47.2	36.5	54.7
154	80.7	67.3	100.9

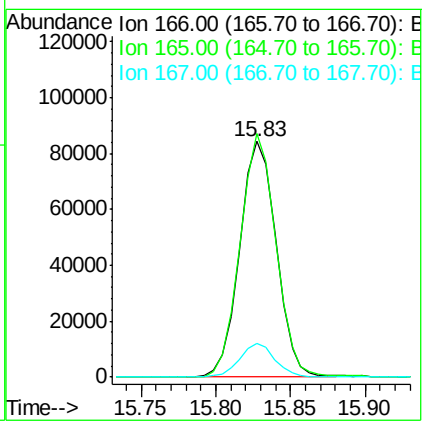


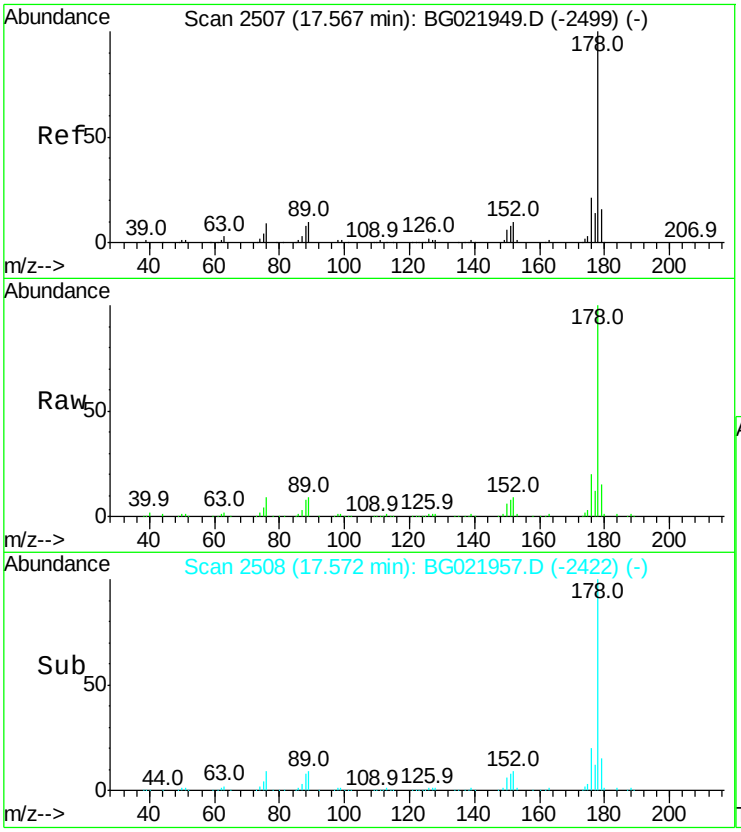


#22
Fluorene
Concen: 19.54 ng/ul
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Tgt Ion:166 Resp: 142716

Ion	Ratio	Lower	Upper
166	100		
165	103.5	81.1	121.7
167	14.6	10.6	16.0



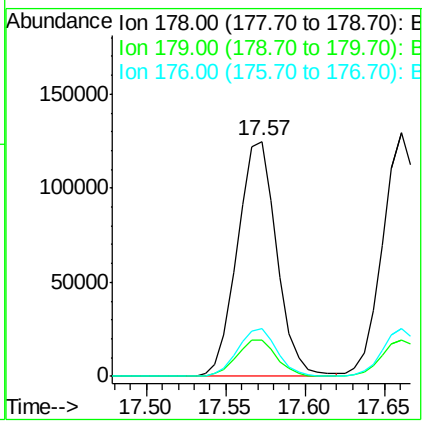


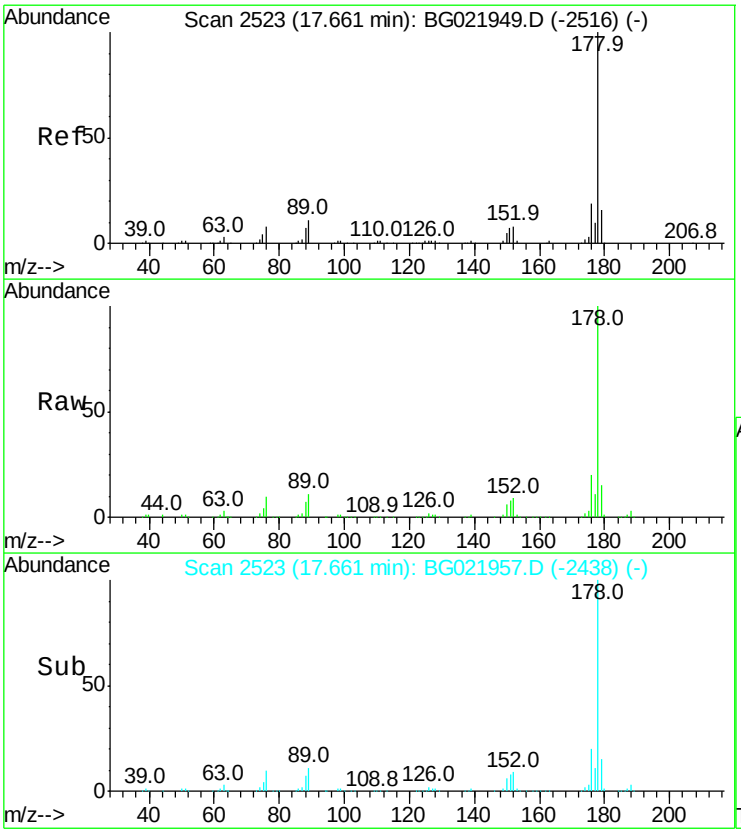
#25
Phenanthrene
Concen: 20.11 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. 0.01 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 215732

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	20.3	14.8	22.2

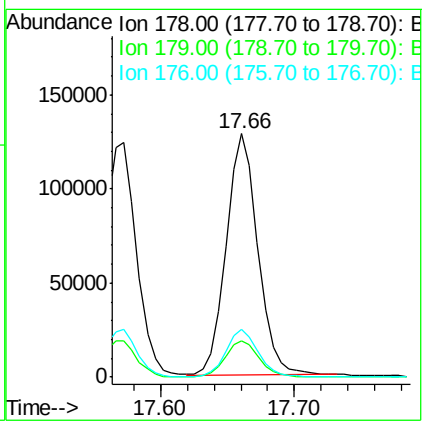


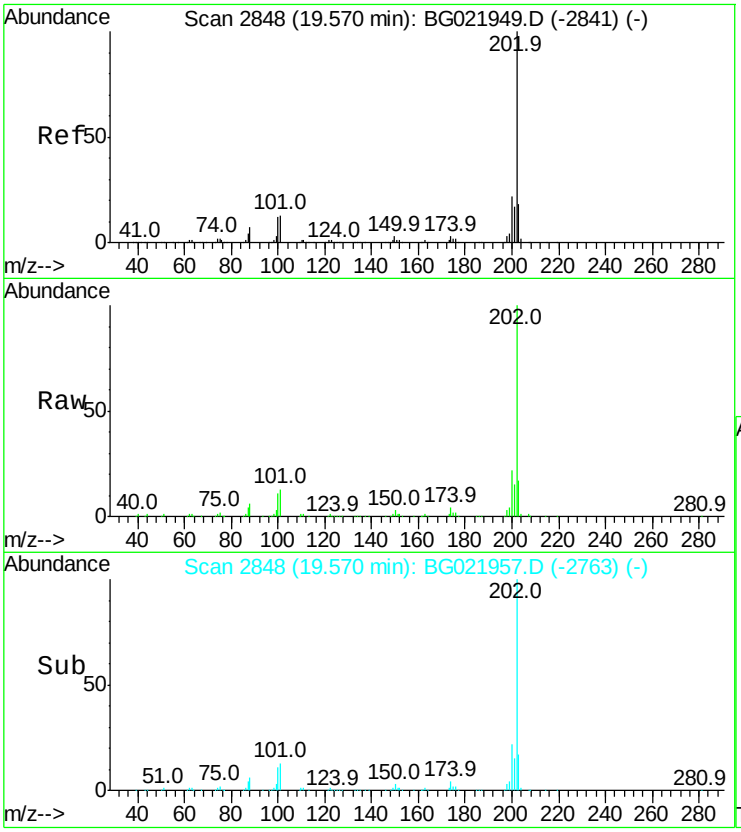


#27
Anthracene
Concen: 19.83 ng/ul
RT: 17.66 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Tgt Ion:178 Resp: 213686

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.9	19.3
176	19.7	15.6	23.4



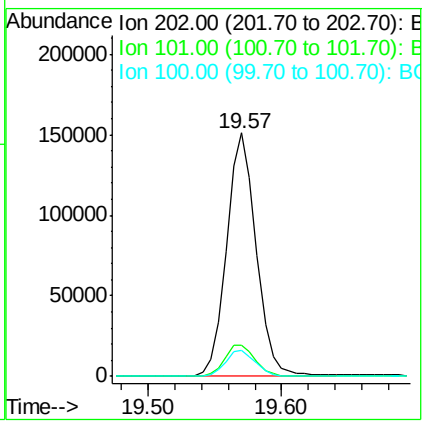


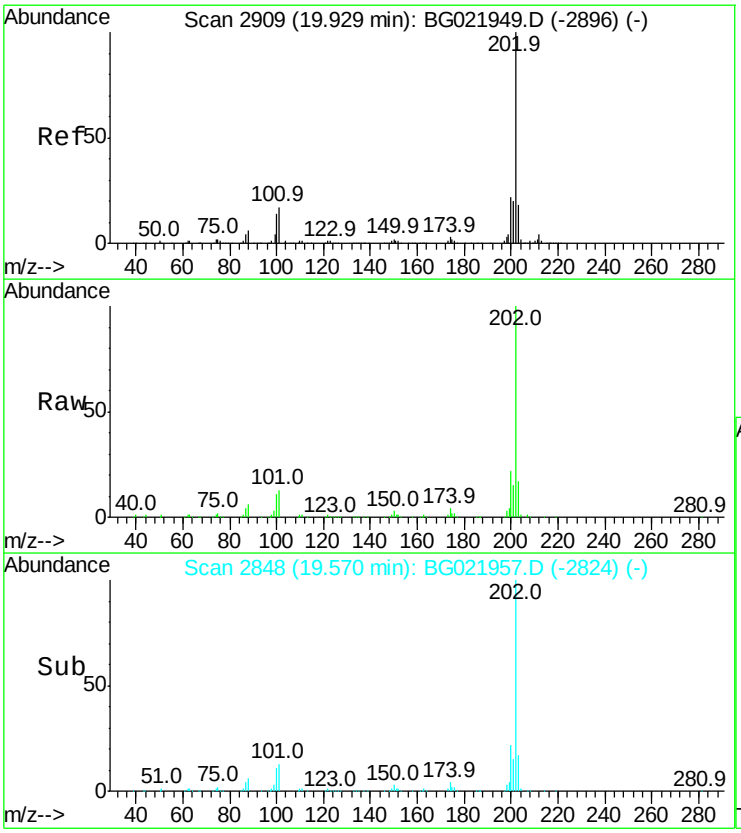
#28
Fluoranthene
Concen: 21.02 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 234315

Ion	Ratio	Lower	Upper
202	100		
101	12.6	8.9	13.3
100	10.9	7.0	10.4#

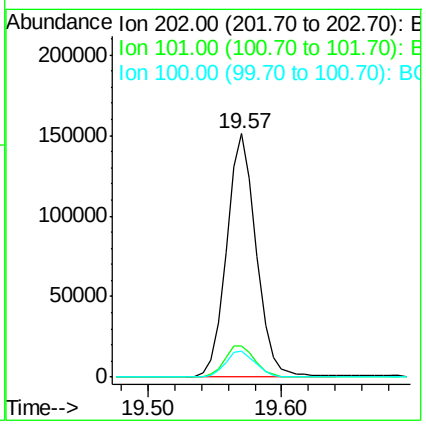


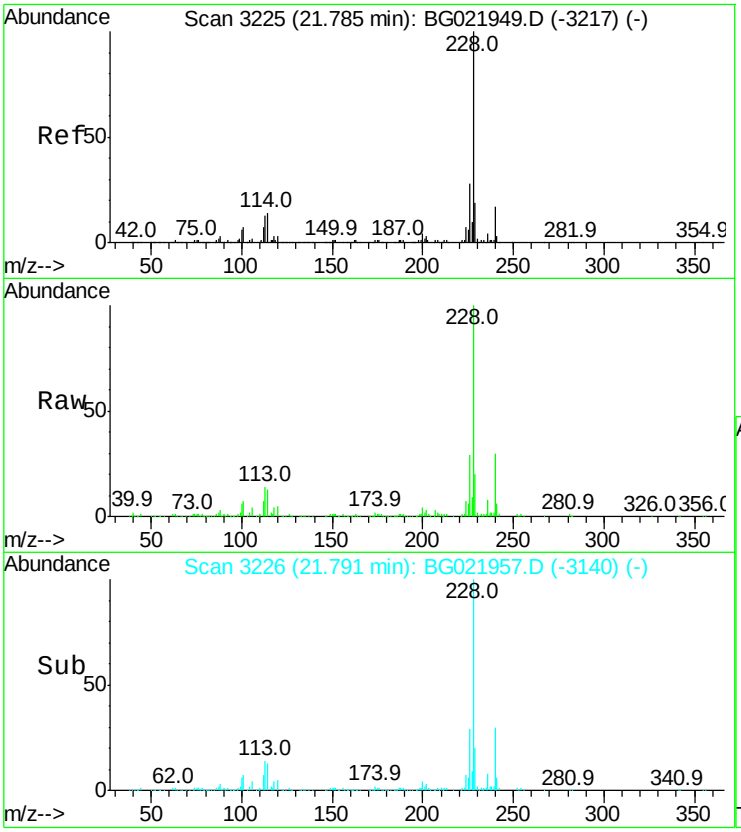


#31
Pyrene
Concen: 19.00 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.36 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Tgt Ion:202 Resp: 234315

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.8	14.8
100	10.9	9.3	13.9



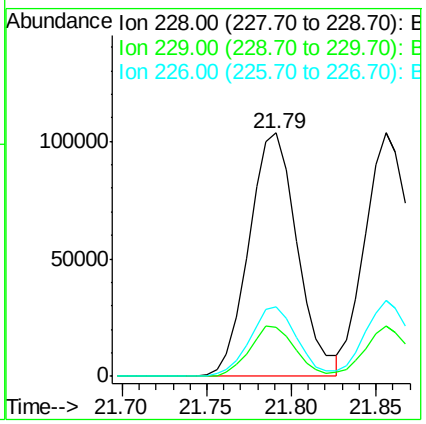


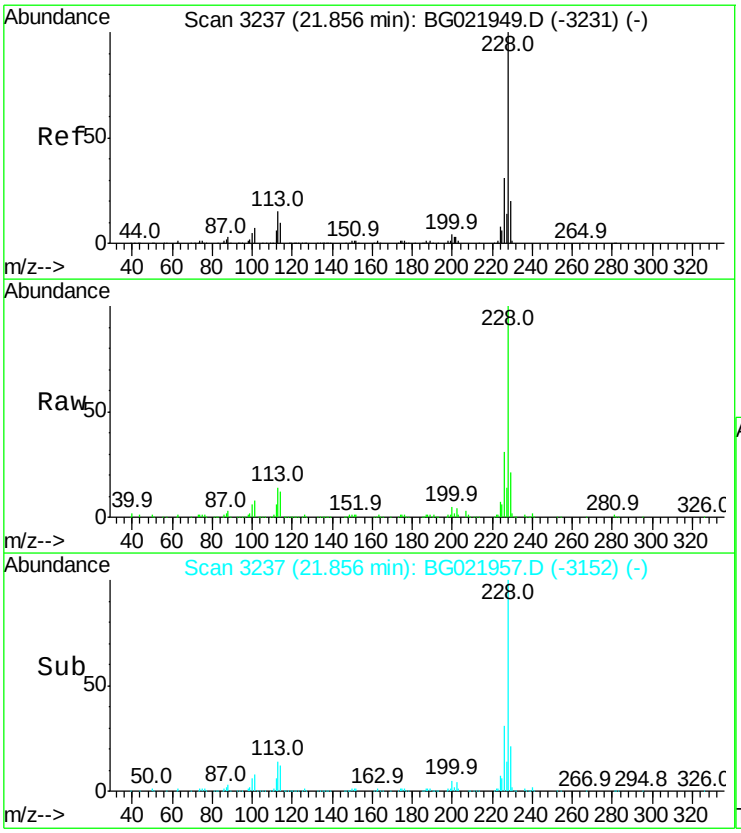
#32
Benzo(a)anthracene
Concen: 20.71 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. 0.01 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 205767

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.6	25.0
226	28.7	21.0	31.4

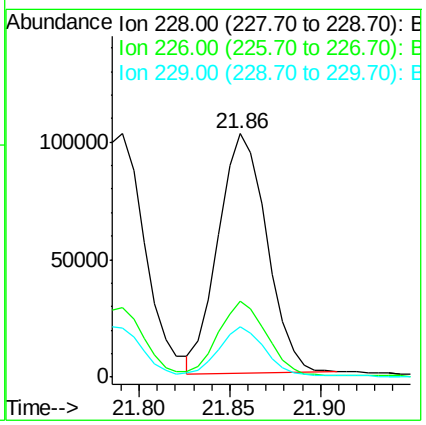


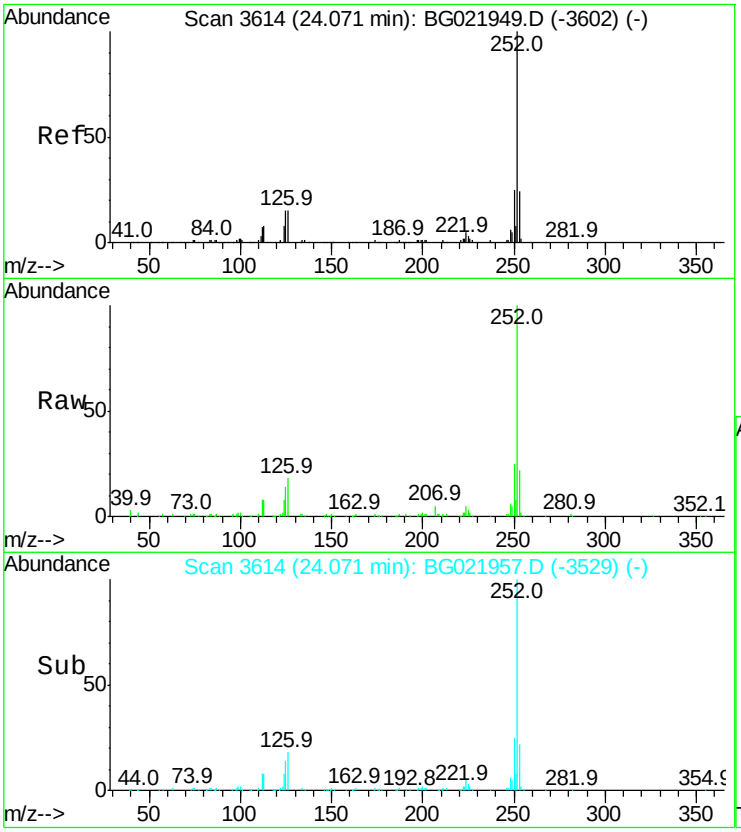


#33
Chrysene
Concen: 19.73 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Tgt Ion:228 Resp: 190665

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	20.7	16.2	24.2



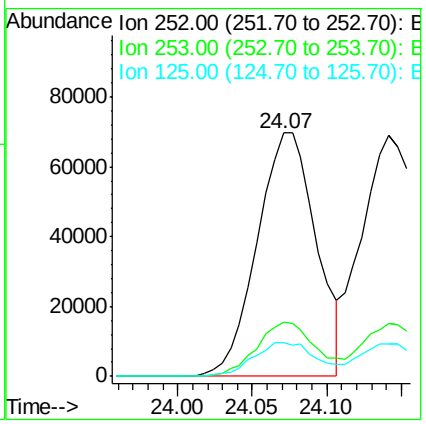


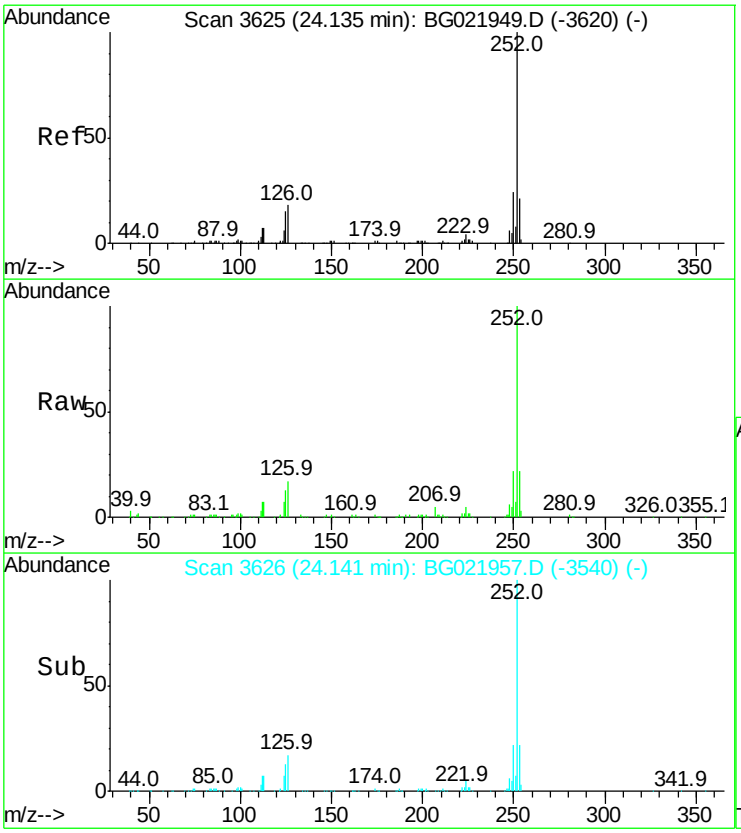
#35
Benzo(b)fluoranthene
Concen: 20.45 ng/ul
RT: 24.07 min Scan# 3614
Delta R.T. -0.00 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 191765

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	13.9	7.6	11.4#

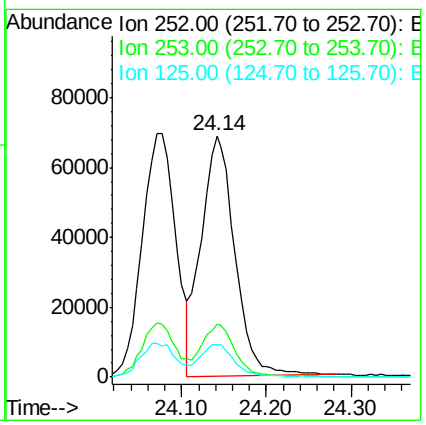


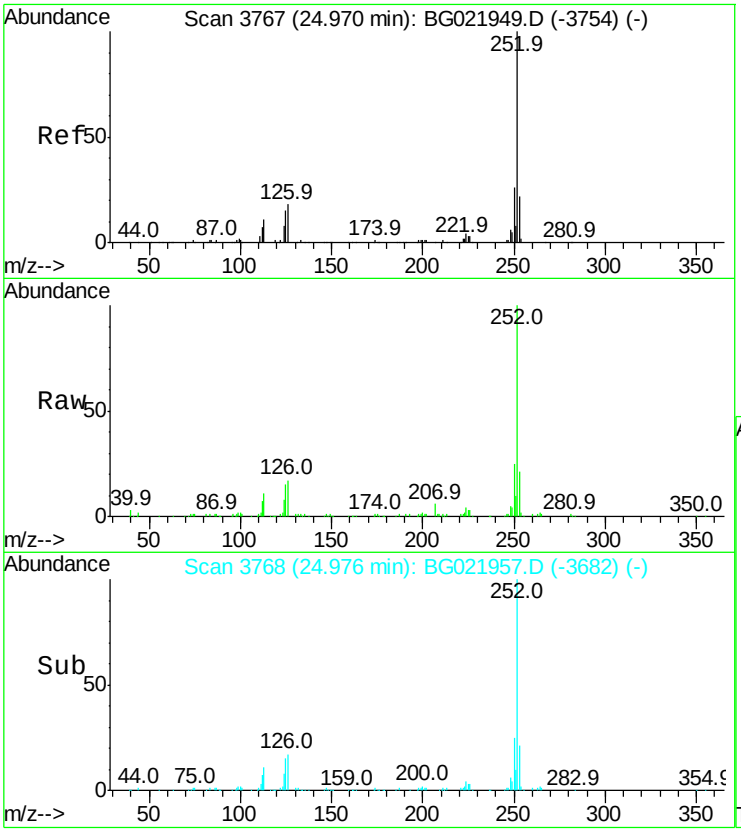


#36
Benzo(k)fluoranthene
Concen: 20.64 ng/ul
RT: 24.14 min Scan# 3626
Delta R.T. 0.01 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Tgt Ion:252 Resp: 190370

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	13.5	7.7	11.5#



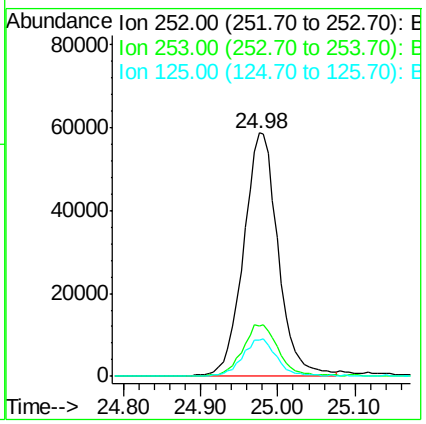


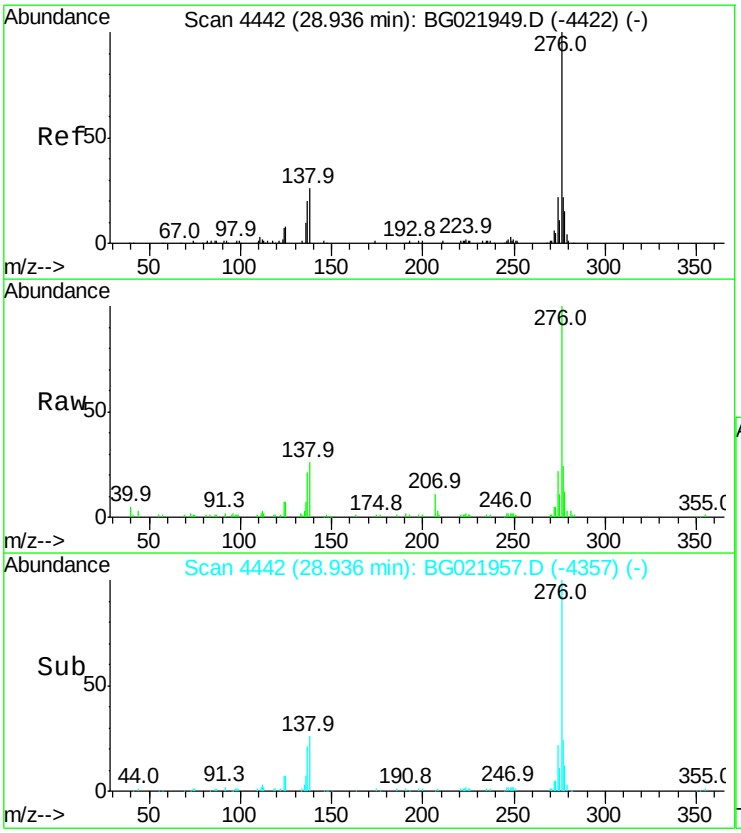
#38
Benzo(a)pyrene
Concen: 20.36 ng/ul
RT: 24.98 min Scan# 3768
Delta R.T. 0.01 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 182556

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.4	26.0
125	14.9	8.2	12.2#

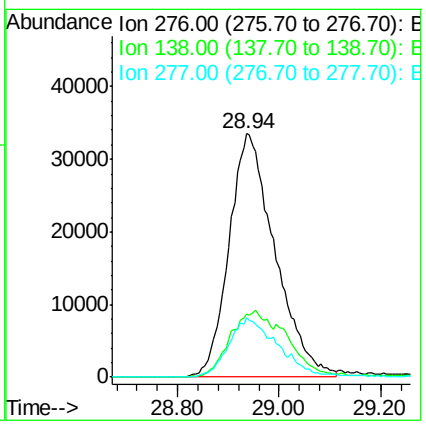


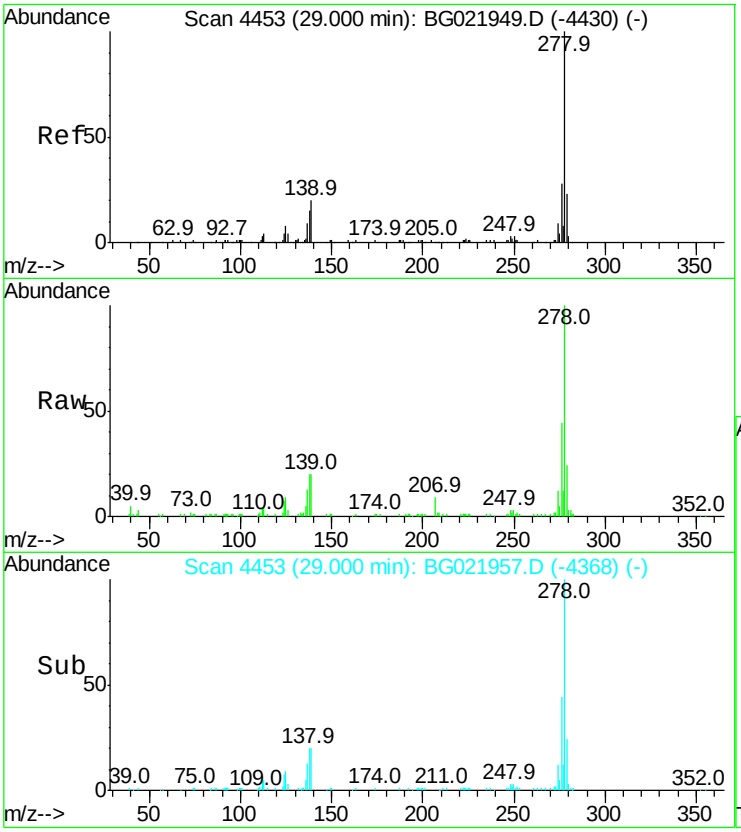


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.70 ng/ul
RT: 28.94 min Scan# 4442
Delta R.T. -0.00 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Tgt Ion:276 Resp: 210960

Ion	Ratio	Lower	Upper
276	100		
138	25.8	15.8	23.6#
277	24.3	19.0	28.6



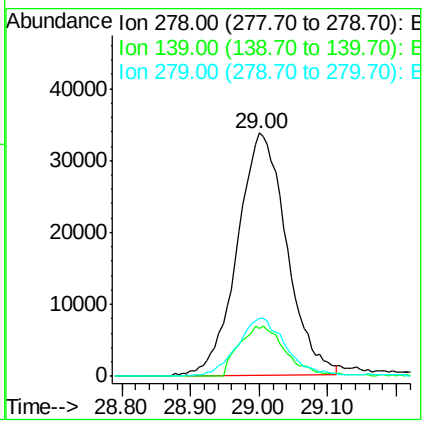


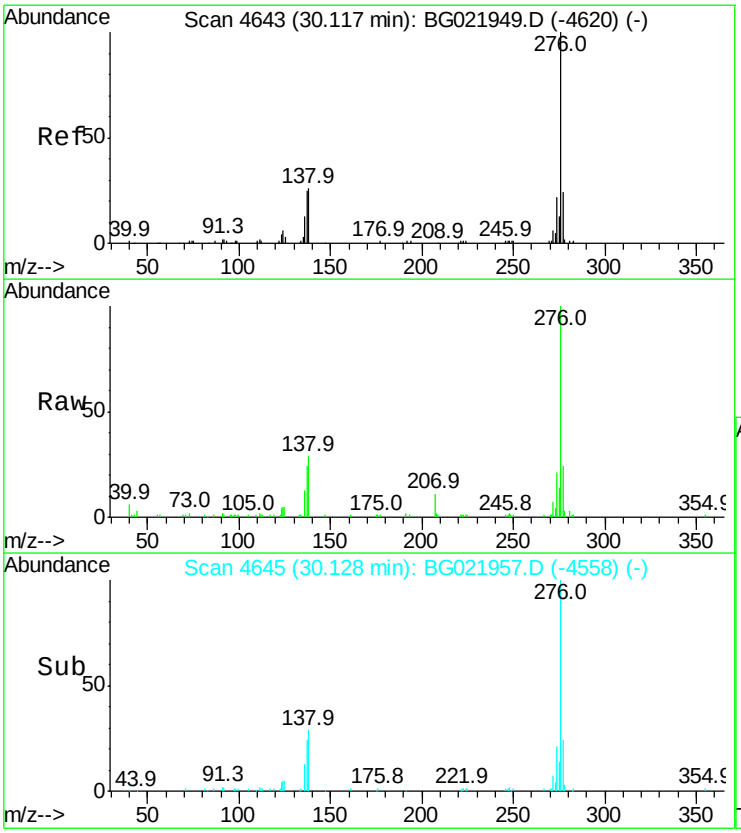
#40
Dibenzo(a,h)anthracene
Concen: 20.05 ng/ul
RT: 29.00 min Scan# 4453
Delta R.T. -0.00 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 169300

Ion	Ratio	Lower	Upper
278	100		
139	19.8	12.1	18.1#
279	24.0	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 20.25 ng/ul
RT: 30.13 min Scan# 4645
Delta R.T. 0.01 min
Lab File: BG021957.D
Acq: 19 May 2016 8:58

Tgt Ion:276 Resp: 174601

Ion	Ratio	Lower	Upper
276	100		
138	28.8	13.9	20.9#
277	24.2	19.8	29.6