Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020461.D
Acq On : 24 Dec 2015 2:42
Operator : UM/SJ
Sample : G4849-09DL 20X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N73MEDL

Quant Time: Dec 24 06:31:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18452	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	81238	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	59287	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	144193	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	177586	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	163447	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.24	99	2364	1.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	1418	1.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	1929	1.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	2003	1.44	ng/ul	0.01
19) Nitrobenzene-d5	9.25	128	1048	1.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	1085	1.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	2238	1.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	2636	1.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	10011	2.09	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	11943	2.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	54	0.06	ng/ul	0.00
58) Fluorene-d10	15.71	176	9284	2.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	347	0.41	ng/ul	0.00
71) Anthracene-d10	17.56	188	15099	2.27	ng/ul	0.00
79) Pyrene-d10	19.84	212	17135	2.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	17660	2.17	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.95	128	95498	22.51	ng/ul	99
30) 4-Chloroaniline	10.95	127	12589	7.69	ng/ul#	18
34) 2-Methylnaphthalene	12.55	142	34910	10.77	ng/ul	95
35) 1-Methylnaphthalene	12.77	142	16986	5.45	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	15065	3.37	ng/ul#	93
50) Acenaphthene	14.78	153	70110	17.58	ng/ul	99
54) Dibenzofuran	15.11	168	73157	12.33	ng/ul	97
59) Fluorene	15.76	166	70544	14.81	ng/ul	96
70) Phenanthrene	17.50	178	336567	42.67	ng/ul	100
72) Anthracene	17.59	178	30873	3.86	ng/ul	99
75) Carbazole	17.86	167	17211	2.56	ng/ul	99
77) Fluoranthene	19.51	202	208586	22.63	ng/ul	99
80) Pyrene	19.87	202	137908	12.83	ng/ul	98
83) Benzo(a)anthracene	21.72	228	33958	3.28	ng/ul	99
85) Chrysene	21.78	228	27954	2.86	ng/ul	98
88) Benzo(b)fluoranthene	23.95	252	12252	1.25	ng/ul#	94

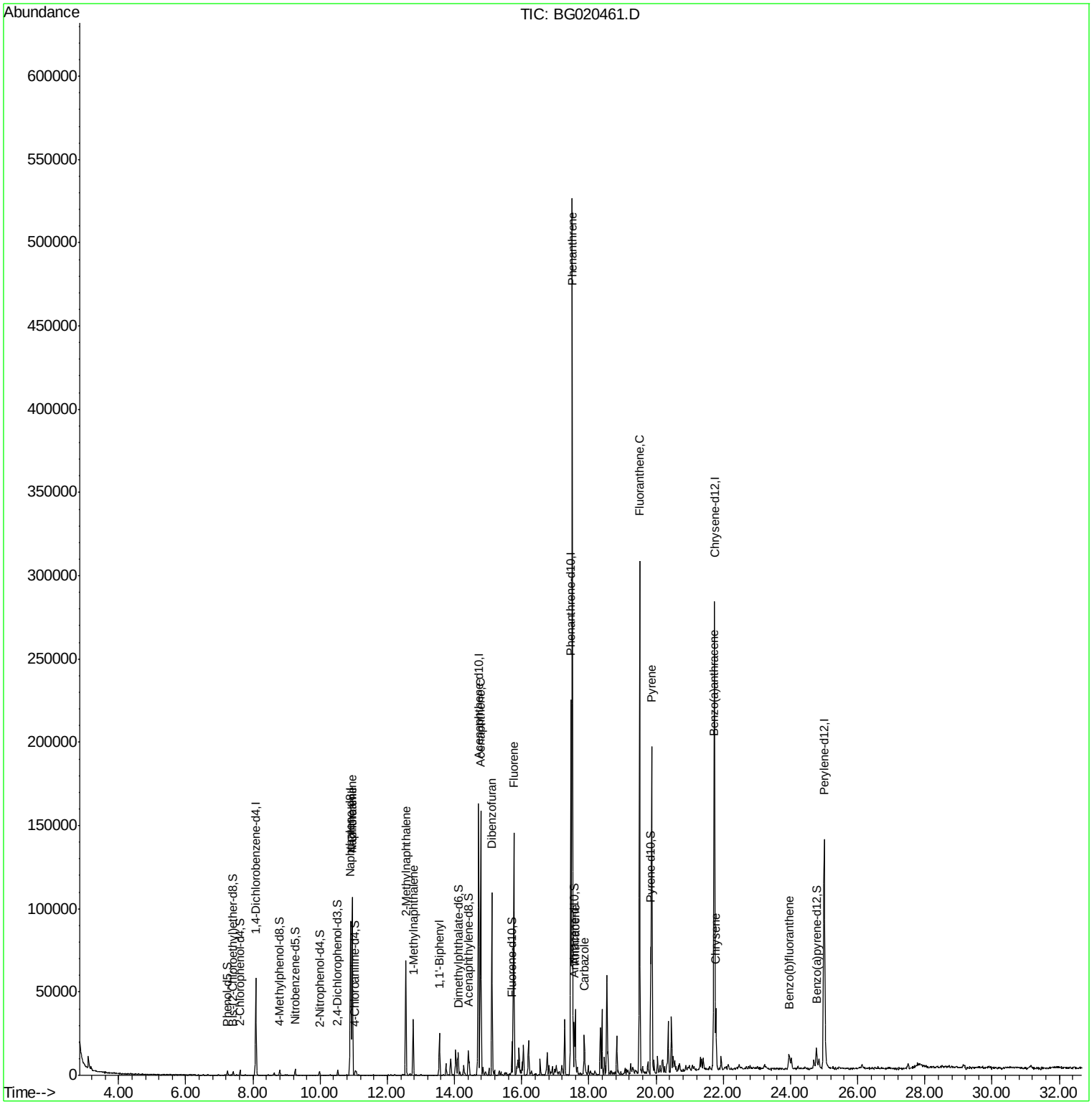
(#) = qualifier out of range (m) = manual integration (+) = signals summed

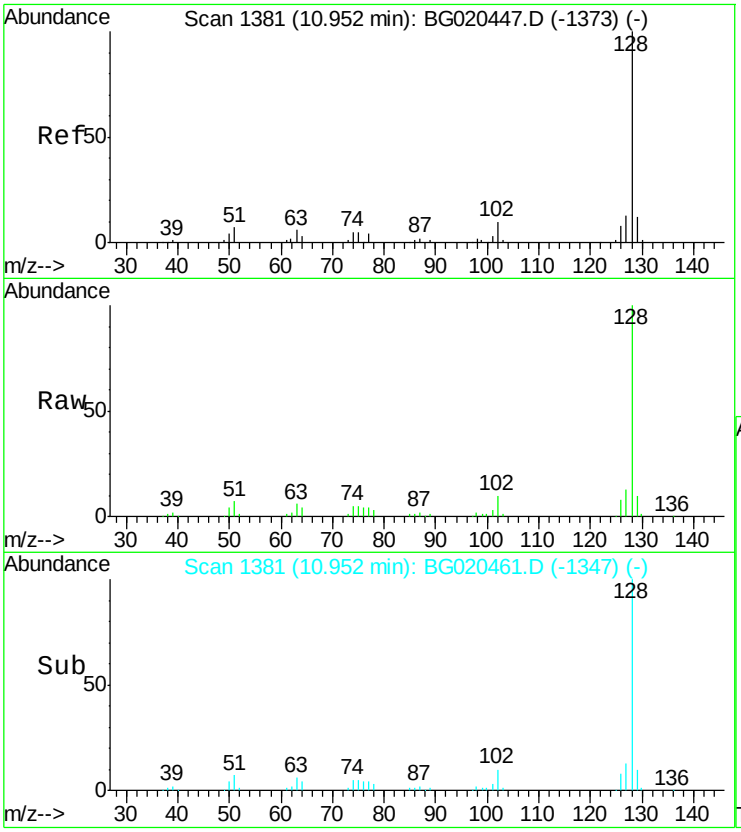
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020461.D
Acq On : 24 Dec 2015 2:42
Operator : UM/SJ
Sample : G4849-09DL 20X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N73MEDL

Quant Time: Dec 24 06:31:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration



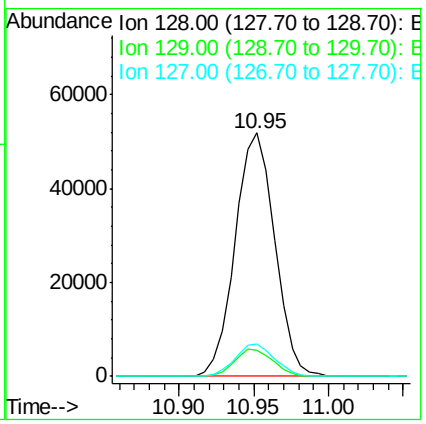


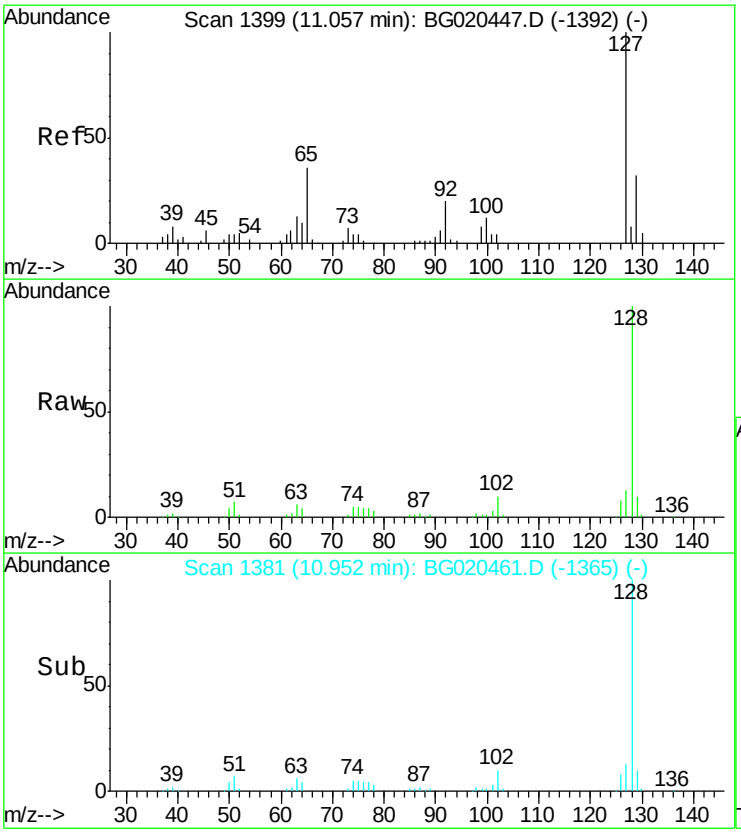
#28
Naphthalene
Concen: 22.51 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Instrument :
BNA_G
ClientSampleId :
D9N73MEDL

Tgt Ion:128 Resp: 95498

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	13.4	10.1	15.1

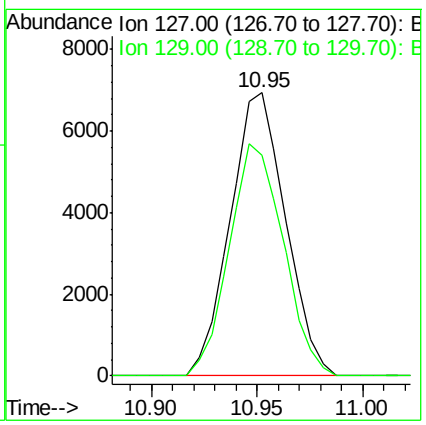


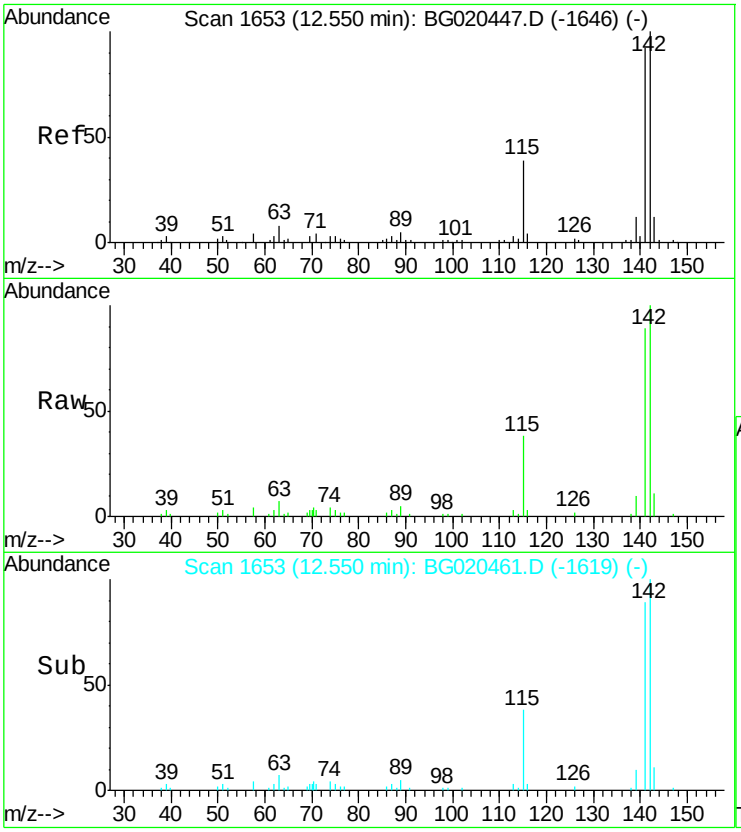


#30
4-Chloroaniline
Concen: 7.69 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. -0.11 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Tgt Ion:127 Resp: 12589

Ion	Ratio	Lower	Upper
127	100		
129	78.0	25.7	38.5#



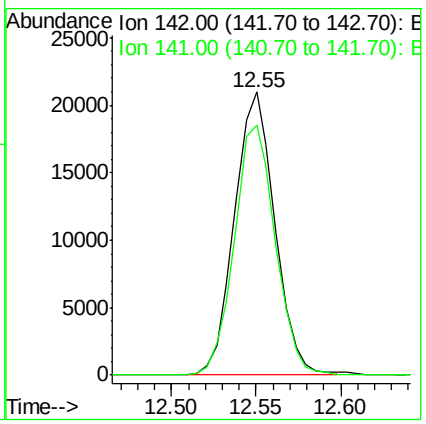


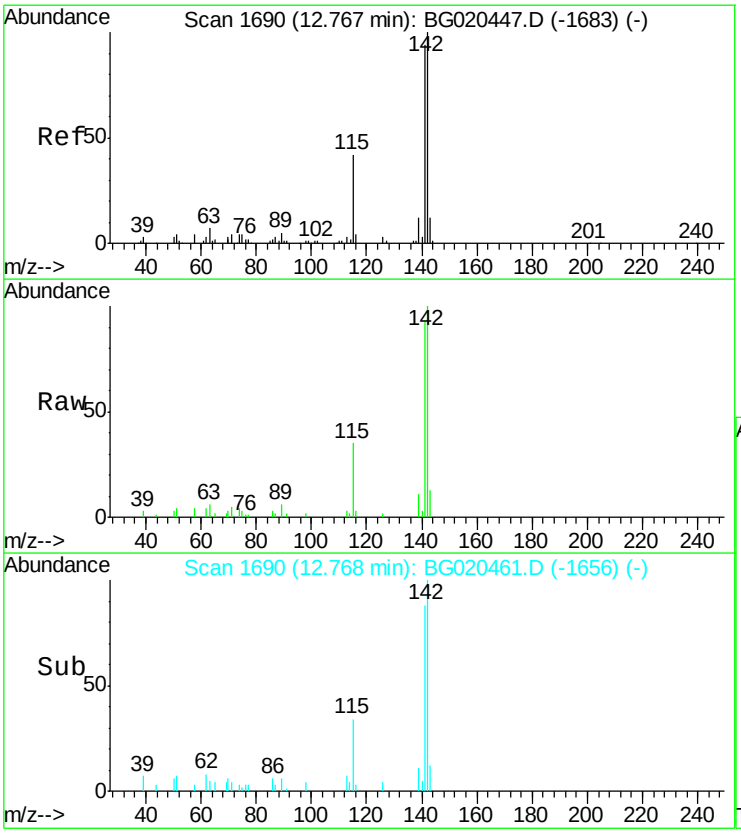
#34
2-Methylnaphthalene
Concen: 10.77 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Instrument :
BNA_G
ClientSampleId :
D9N73MEDL

Tgt Ion:142 Resp: 34910

Ion	Ratio	Lower	Upper
142	100		
141	88.5	74.9	112.3

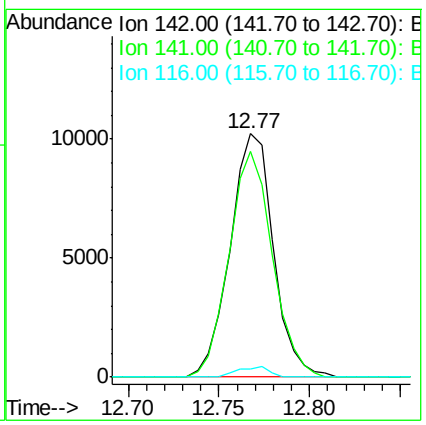


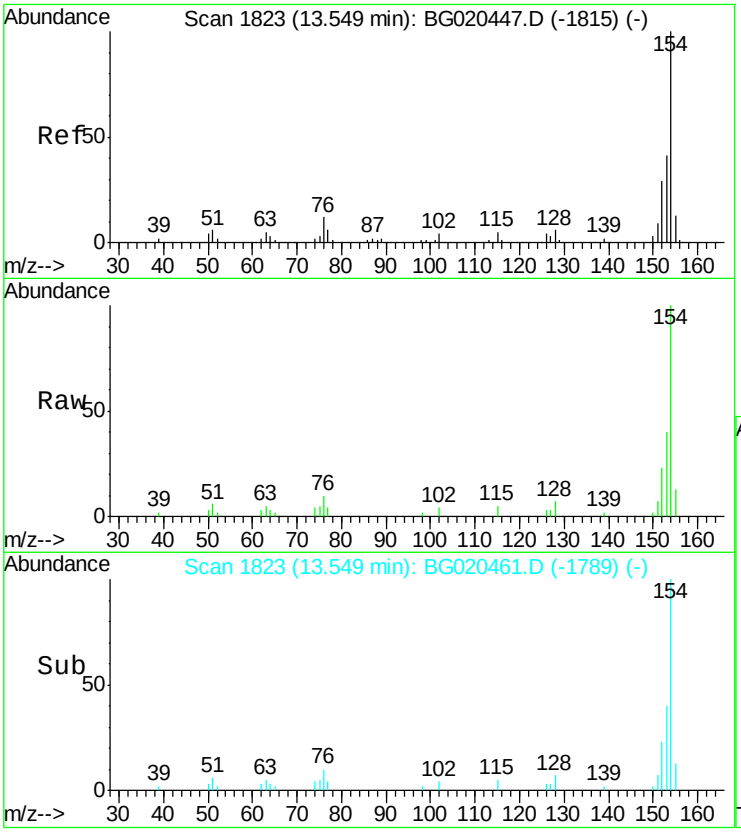


#35
1-Methylnaphthalene
Concen: 5.45 ng/ul
RT: 12.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Tgt Ion:142 Resp: 16986

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.0	109.6
116	3.3	3.0	4.6



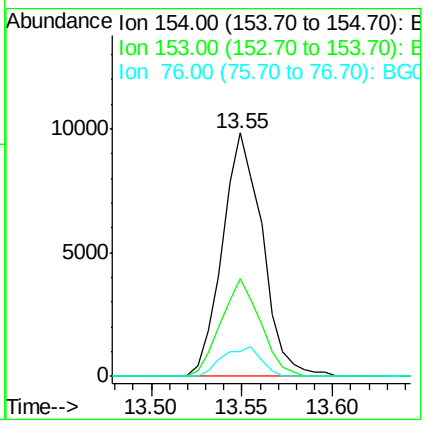


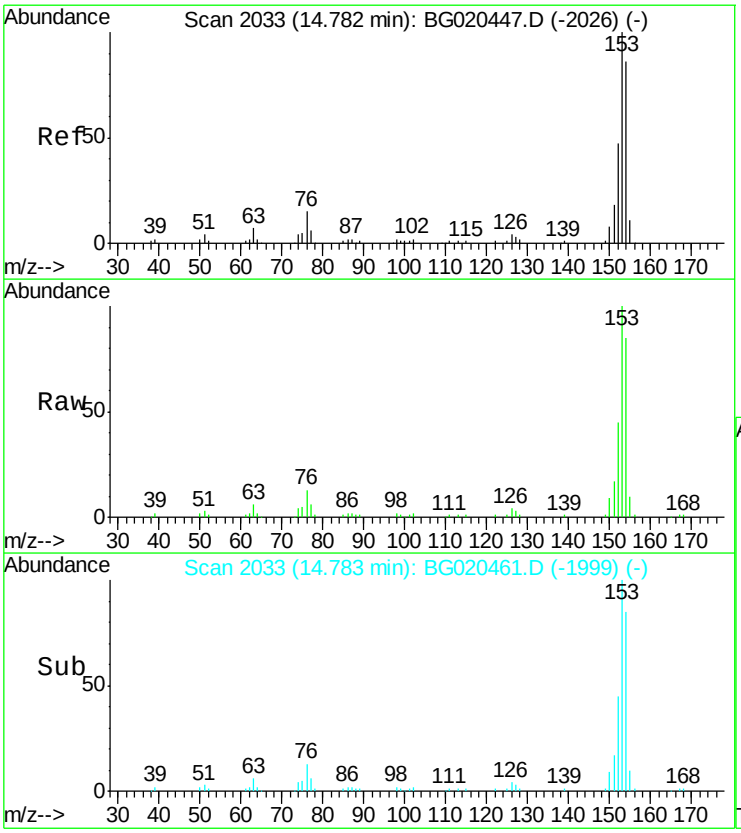
#41
1,1'-Biphenyl
Concen: 3.37 ng/ul
RT: 13.55 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Instrument :
BNA_G
ClientSampleId :
D9N73MEDL

Tgt Ion:154 Resp: 15065

Ion	Ratio	Lower	Upper
154	100		
153	39.9	35.5	53.3
76	10.0	10.4	15.6#

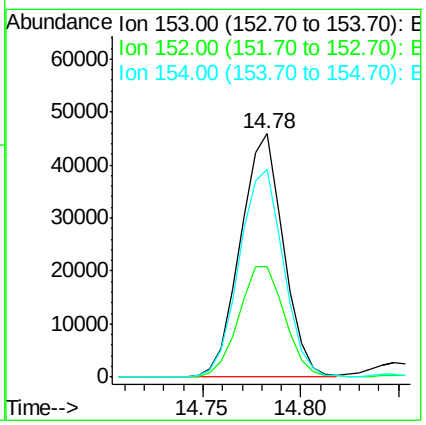


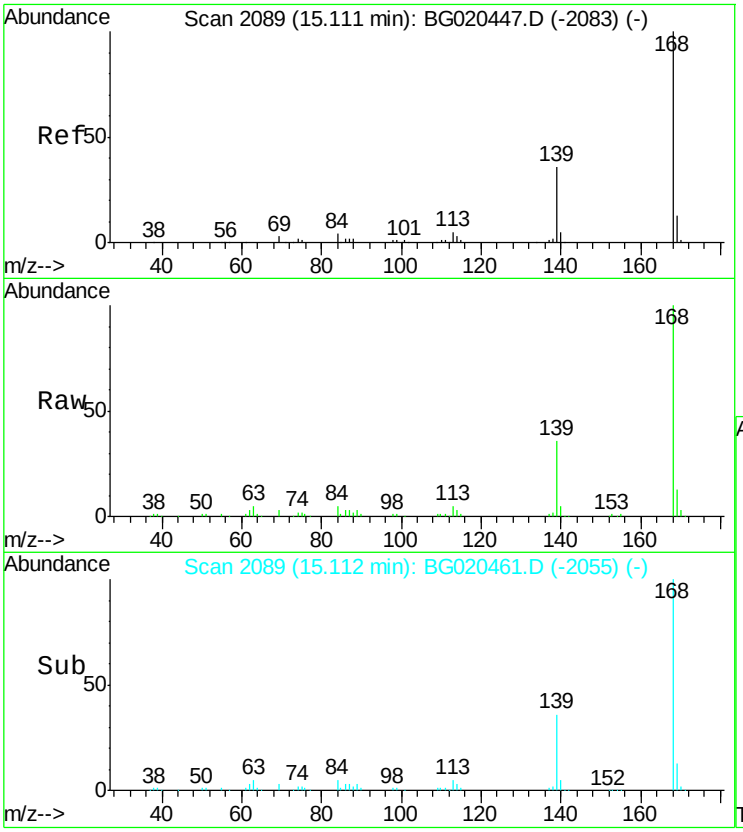


#50
Acenaphthene
Concen: 17.58 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Tgt Ion:153 Resp: 70110

Ion	Ratio	Lower	Upper
153	100		
152	45.3	37.6	56.4
154	85.5	67.9	101.9



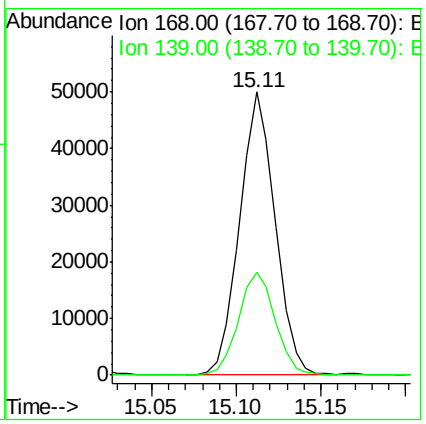


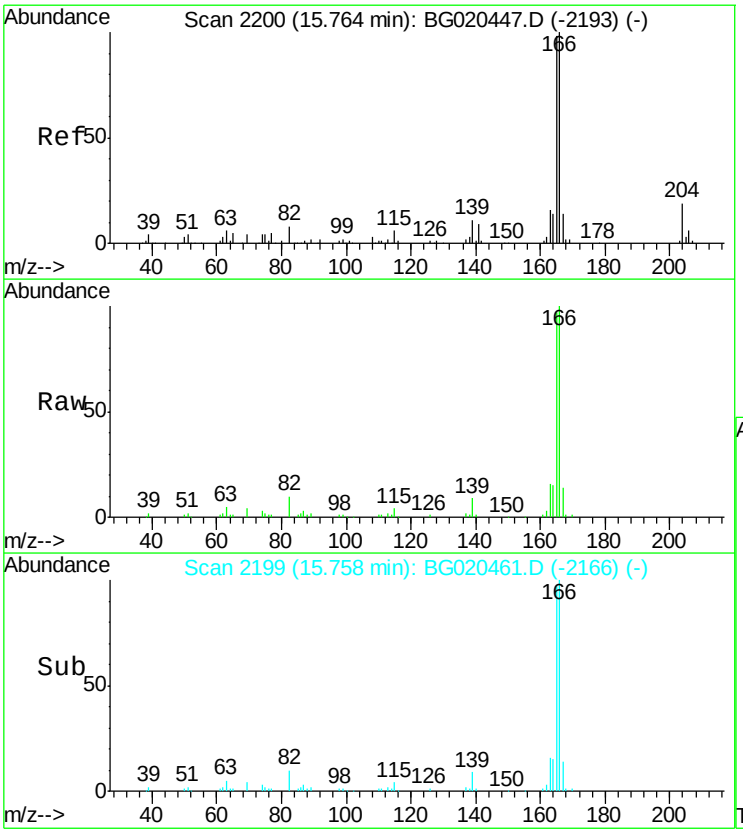
#54
Dibenzofuran
Concen: 12.33 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Instrument :
BNA_G
ClientSampleId :
D9N73MEDL

Tgt Ion:168 Resp: 73157

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.5	45.7

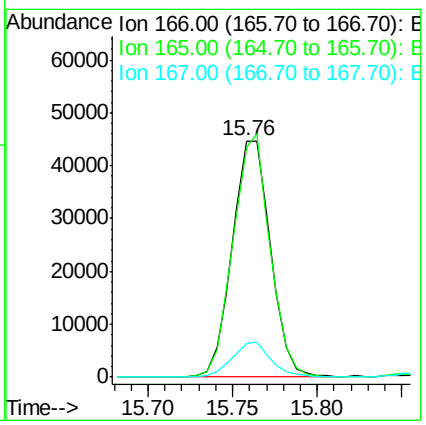


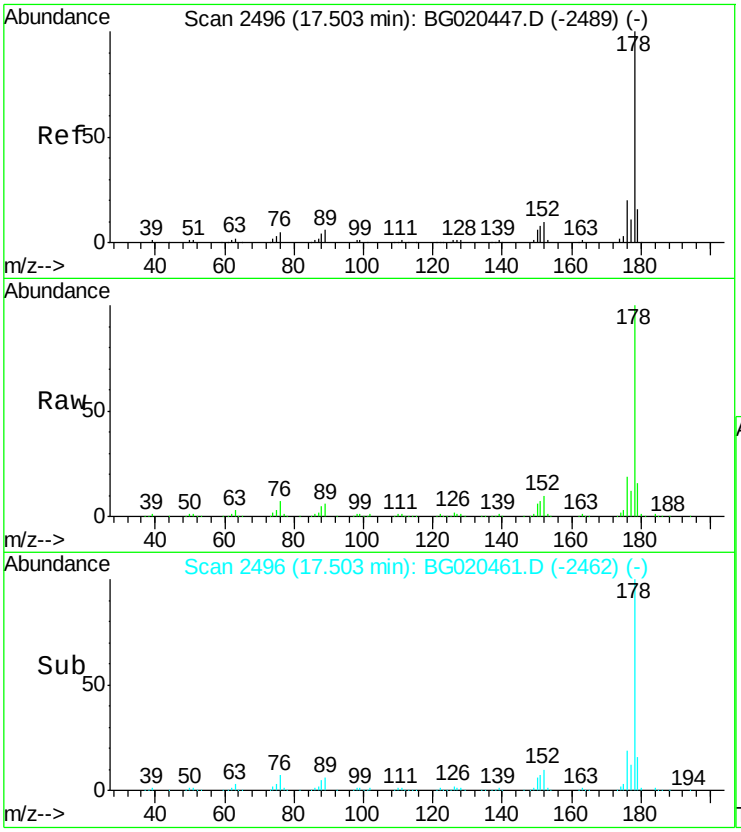


#59
Fluorene
Concen: 14.81 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Tgt Ion:166 Resp: 70544

Ion	Ratio	Lower	Upper
166	100		
165	97.3	81.4	122.0
167	14.3	11.2	16.8



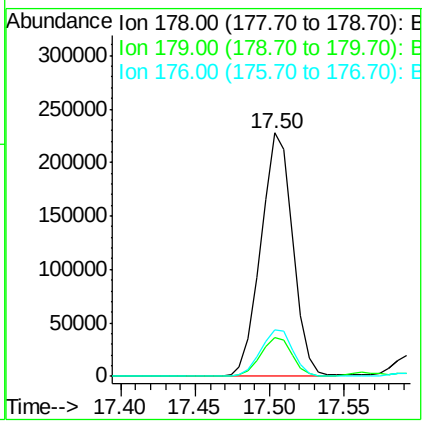


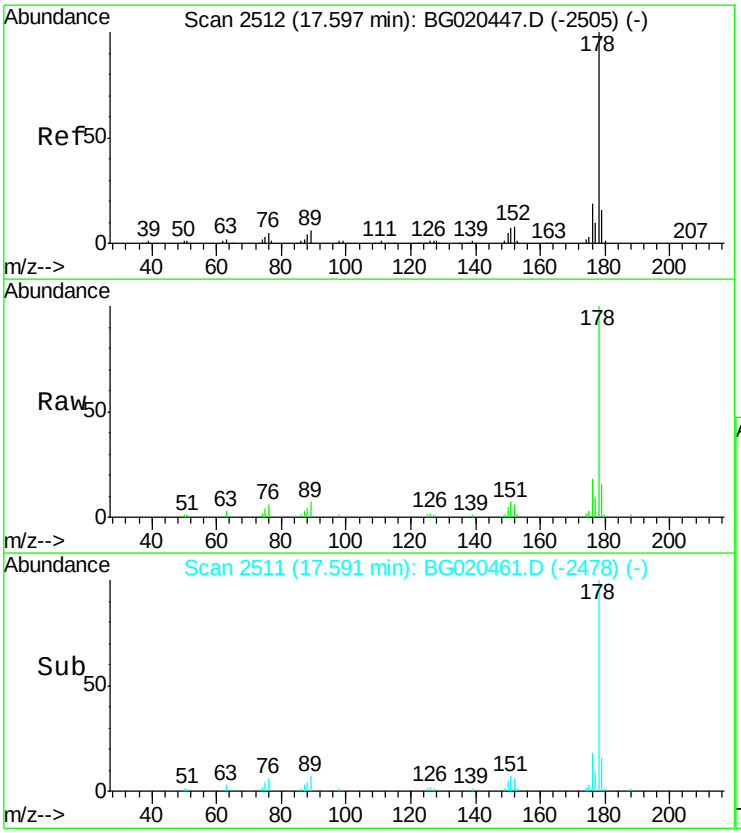
#70
Phenanthrene
Concen: 42.67 ng/ul
RT: 17.50 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Instrument :
BNA_G
ClientSampleId :
D9N73MEDL

Tgt Ion:178 Resp: 336567

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	18.9	15.3	22.9

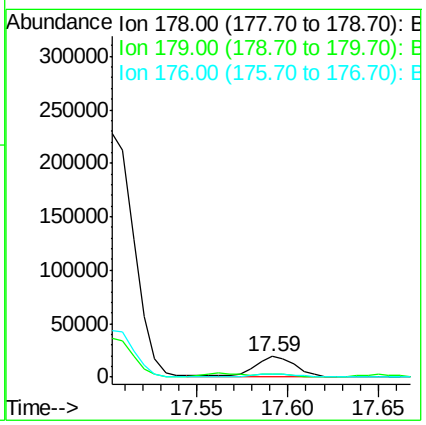


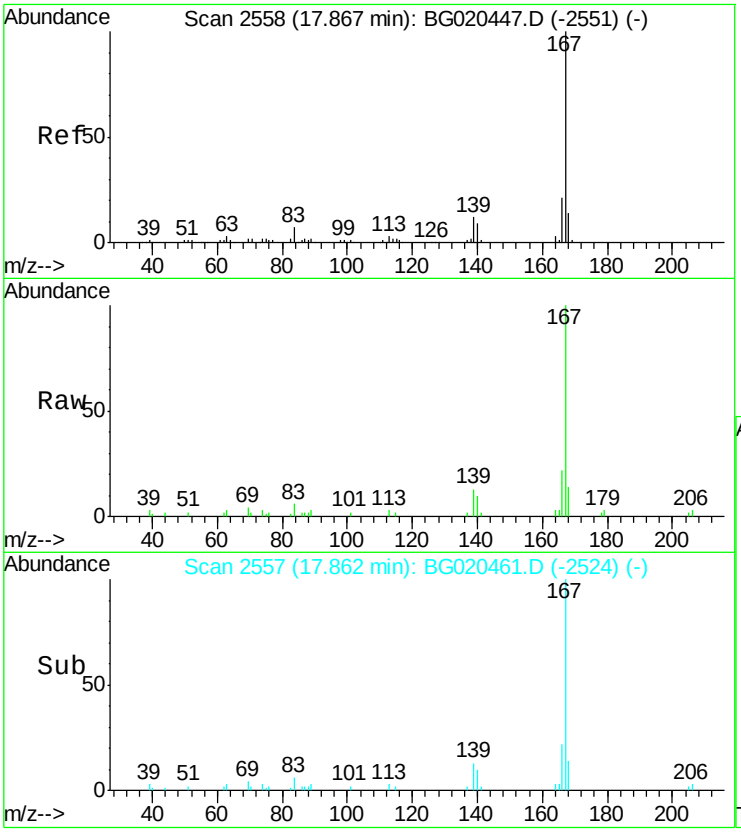


#72
Anthracene
Concen: 3.86 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Tgt Ion:178 Resp: 30873

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	17.6	14.3	21.5



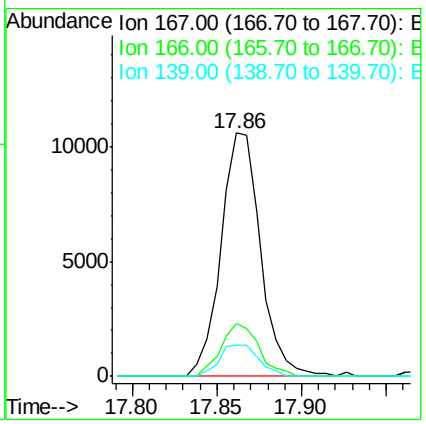


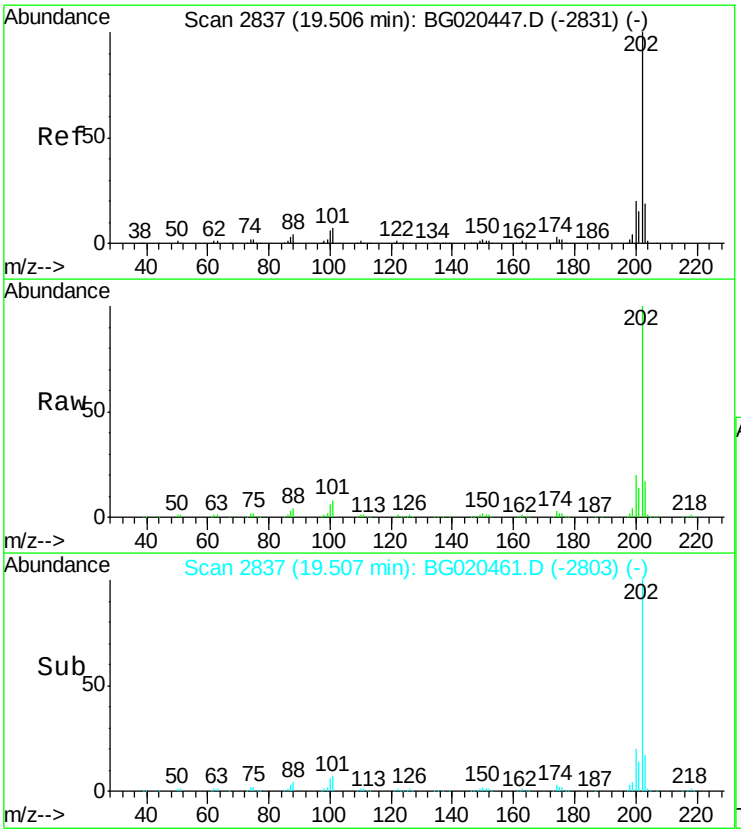
#75
Carbazole
Concen: 2.56 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Instrument :
BNA_G
ClientSampleId :
D9N73MEDL

Tgt Ion:167 Resp: 17211

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.6
139	12.6	10.1	15.1

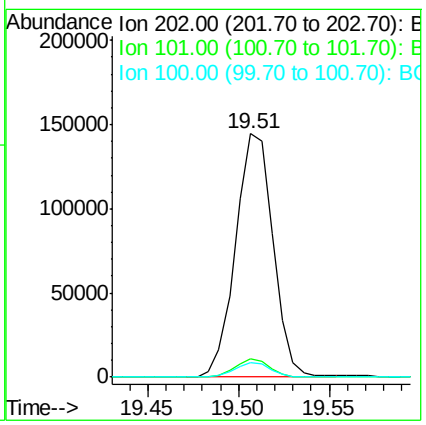


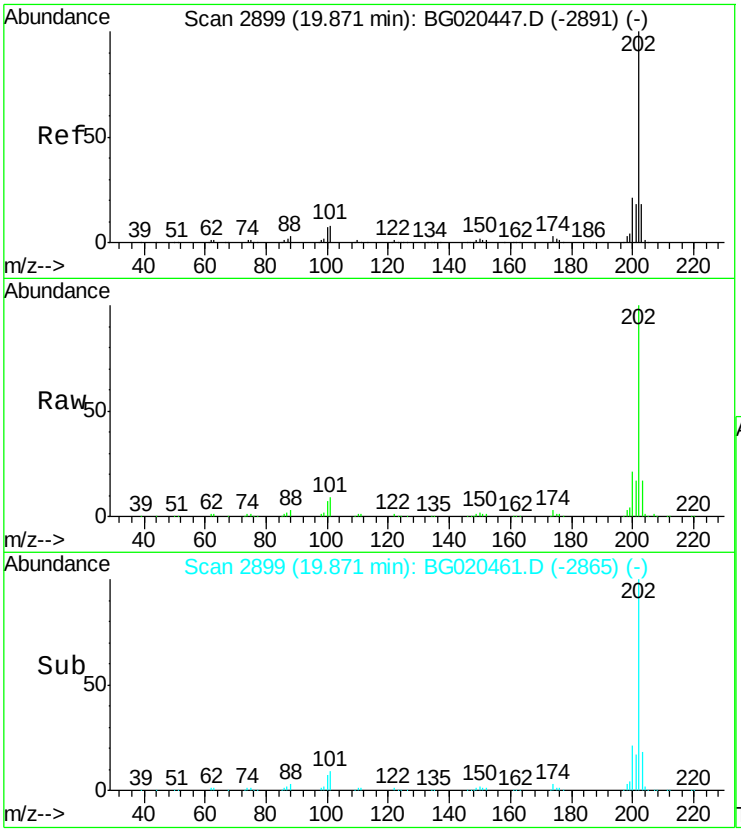


#77
Fluoranthene
Concen: 22.63 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Tgt Ion:202 Resp: 208586

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.2	9.4
100	5.9	5.1	7.7



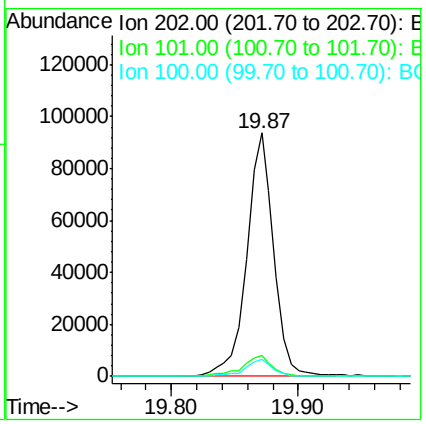


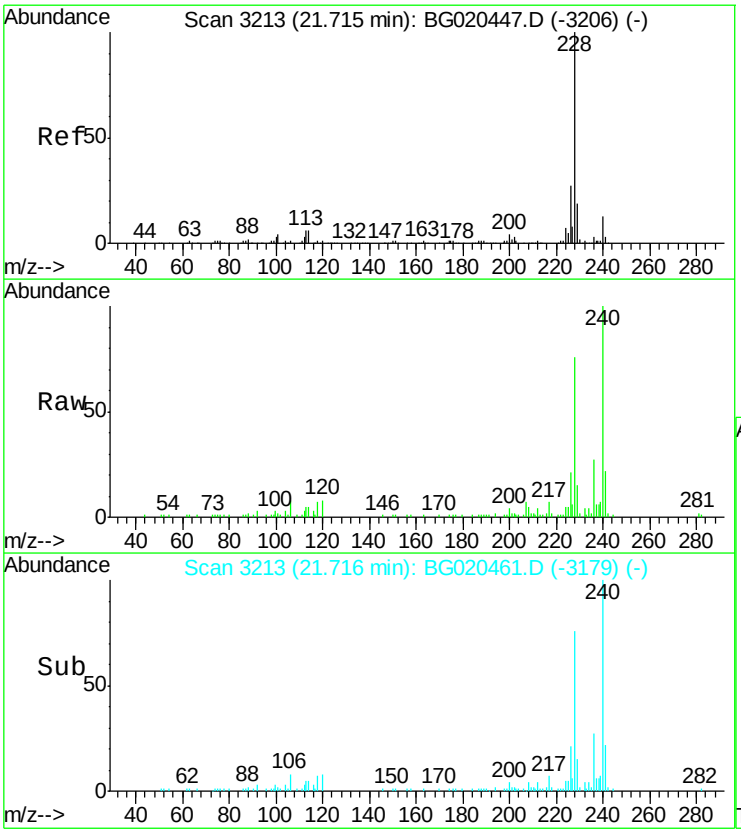
#80
Pyrene
Concen: 12.83 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Instrument :
BNA_G
ClientSampleId :
D9N73MEDL

Tgt Ion:202 Resp: 137908

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.4
100	6.8	6.4	9.6

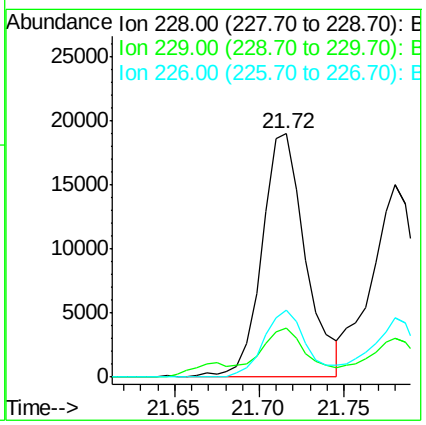


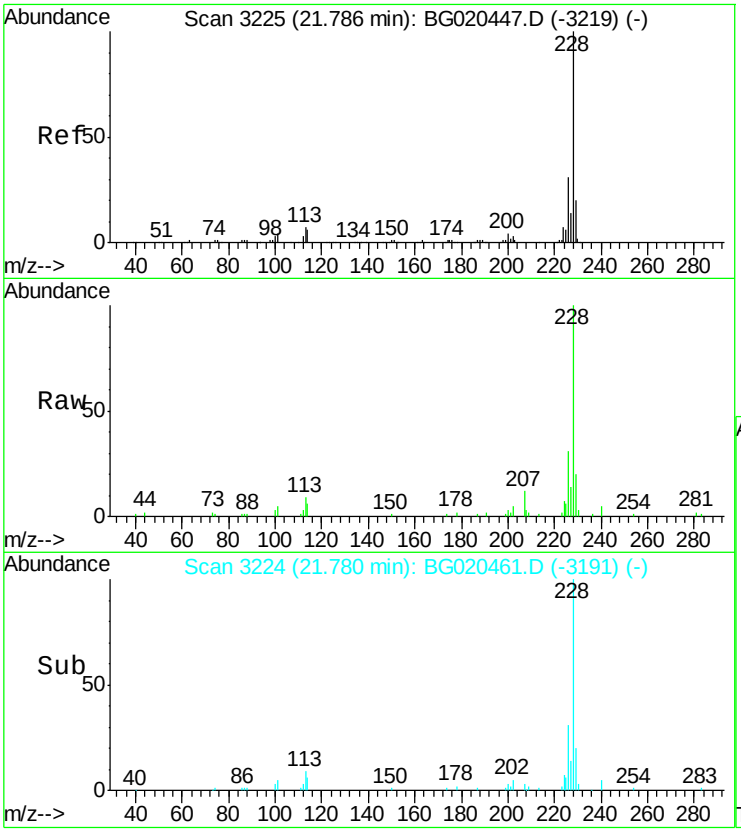


#83
Benzo(a)anthracene
Concen: 3.28 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.00 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Tgt Ion:228 Resp: 33958

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.8
226	27.5	21.8	32.6



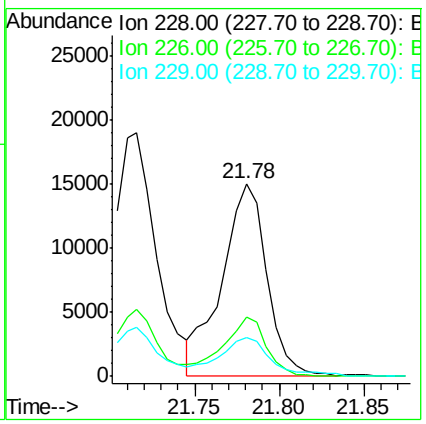


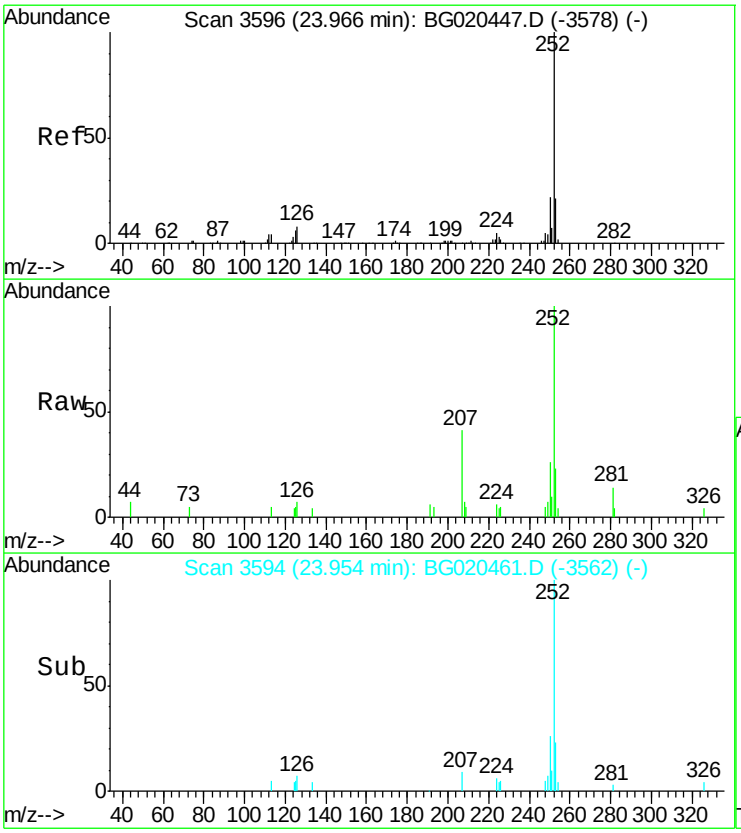
#85
Chrysene
Concen: 2.86 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Instrument :
BNA_G
ClientSampleId :
D9N73MEDL

Tgt Ion:228 Resp: 27954

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	20.3	15.6	23.4





#88
Benzo(b)fluoranthene
Concen: 1.25 ng/ul
RT: 23.95 min Scan# 3594
Delta R.T. -0.01 min
Lab File: BG020461.D
Acq: 24 Dec 2015 2:42

Tgt Ion:252 Resp: 12252

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.7	25.1
125	4.7	6.2	9.2#