Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017781.D
Acq On : 6 Jul 2015 22:30
Operator : TP/UM
Sample : G2860-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 07 03:41:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 01:50:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	100066	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	476828	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	301371	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	622353	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	632190	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	634284	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	7877	3.11	ng/uL	0.00
5) Phenol-d5	6.78	99	171666	20.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	109265	21.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	144757	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	147237	21.30	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	72950	20.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	71772	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	134414	19.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	194548	21.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	383337	19.22	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	477967	17.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	68709	17.17	ng/ul	0.00
57) Fluorene-d10	15.26	176	339627	16.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	24987	8.66	ng/ul	0.00
70) Anthracene-d10	17.11	188	473929	16.71	ng/ul	0.00
78) Pyrene-d10	19.41	212	452292	15.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	382578	13.70	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.43	128	136543	5.53	ng/ul	100
40) 1,1'-Biphenyl	13.08	154	31808	1.43	ng/ul	95
44) Dimethylphthalate	13.72	163	125911	5.68	ng/ul	100
47) Acenaphthylene	13.97	152	33445	1.14	ng/ul#	93
49) Acenaphthene	14.32	153	51157	2.58	ng/ul	97
53) Dibenzofuran	14.66	168	27728	1.04	ng/ul	93
58) Fluorene	15.31	166	58192	2.45	ng/ul#	96
69) Phenanthrene	17.05	178	293328	8.62	ng/ul	98
71) Anthracene	17.14	178	93557	2.67	ng/ul	97
76) Fluoranthene	19.10	202	148645	4.54	ng/ul	99
79) Pyrene	19.44	202	269778	6.99	ng/ul	98
82) Benzo(a)anthracene	21.20	228	92371m	2.65	ng/ul	
84) Chrysene	21.24	228	71371	2.16	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	61317	1.69	ng/ul#	90
90) Benzo(a)pyrene	23.33	252	84072	2.44	ng/ul	93
93) Benzo(g,h,i)perylene	26.37	276	37652	1.20	ng/ul	98

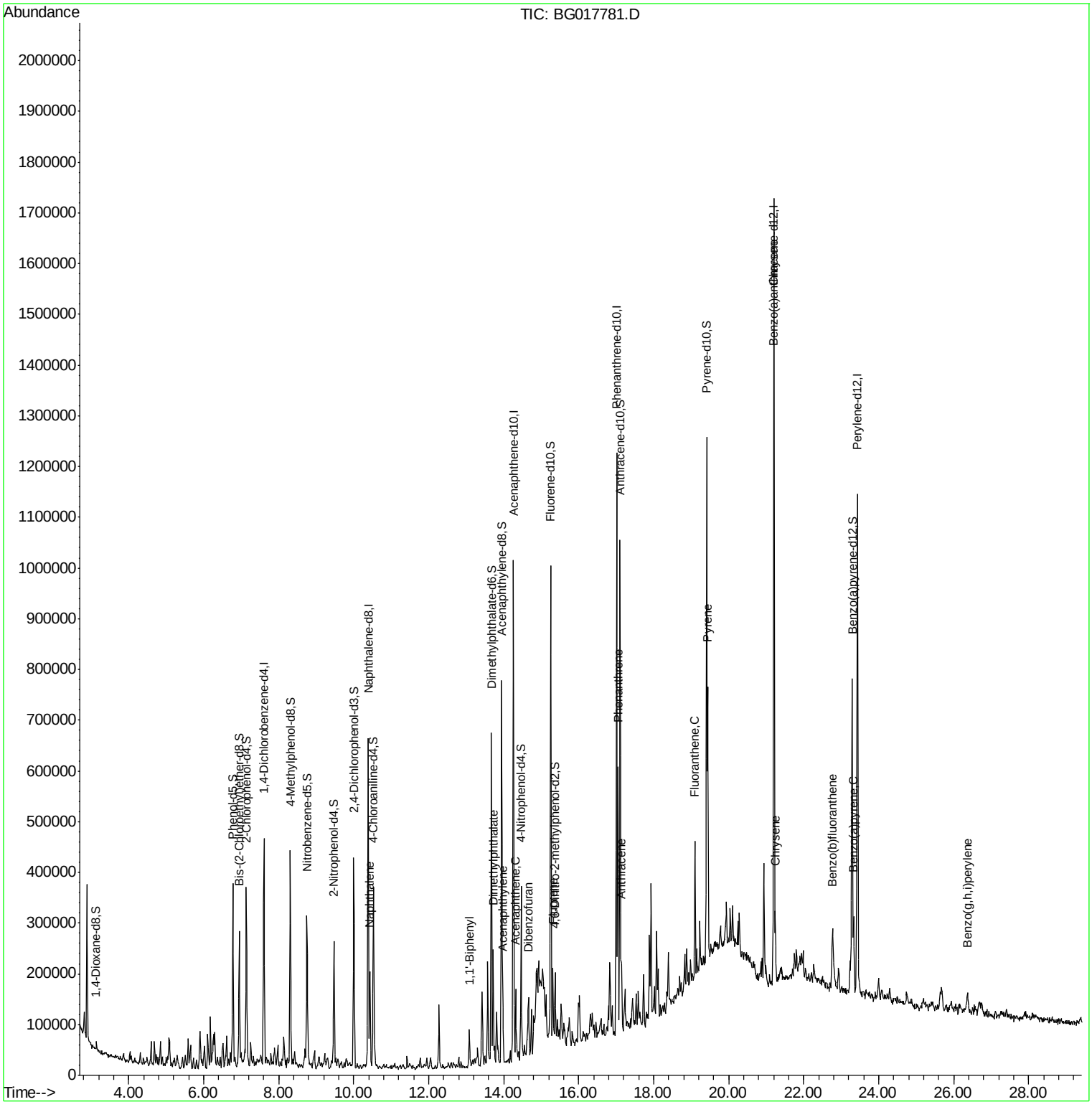
(#) = qualifier out of range (m) = manual integration (+) = signals summed

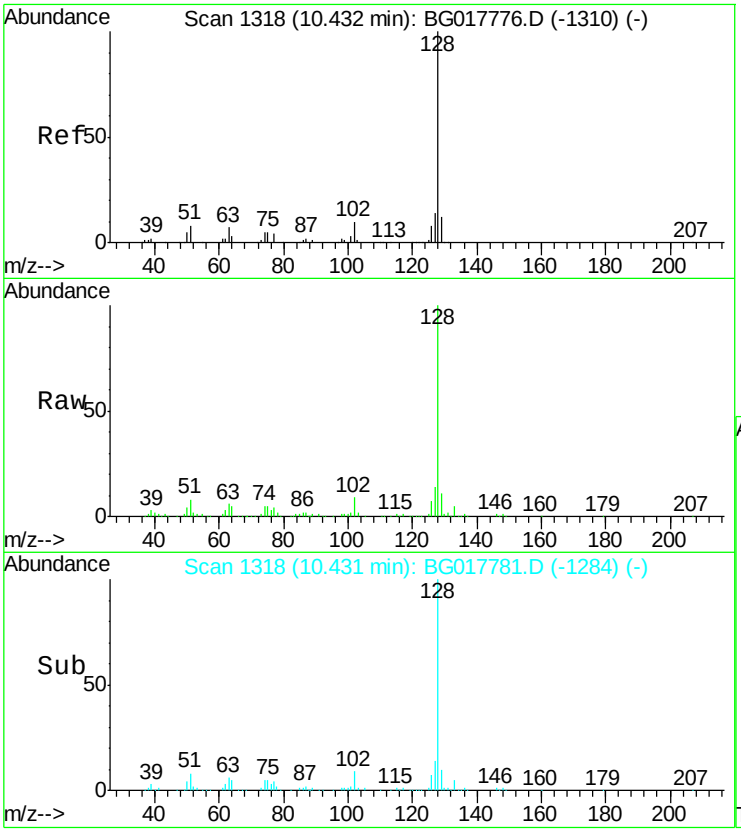
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017781.D
Acq On : 6 Jul 2015 22:30
Operator : TP/UM
Sample : G2860-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 07 03:41:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 01:50:10 2015
Response via : Initial Calibration



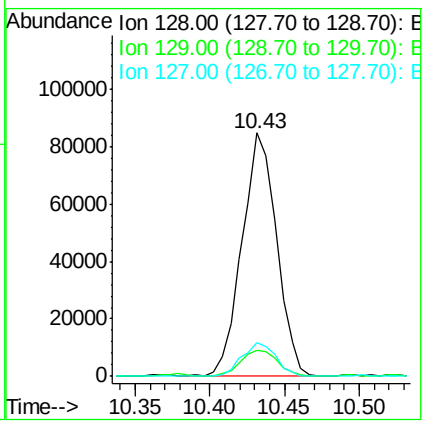


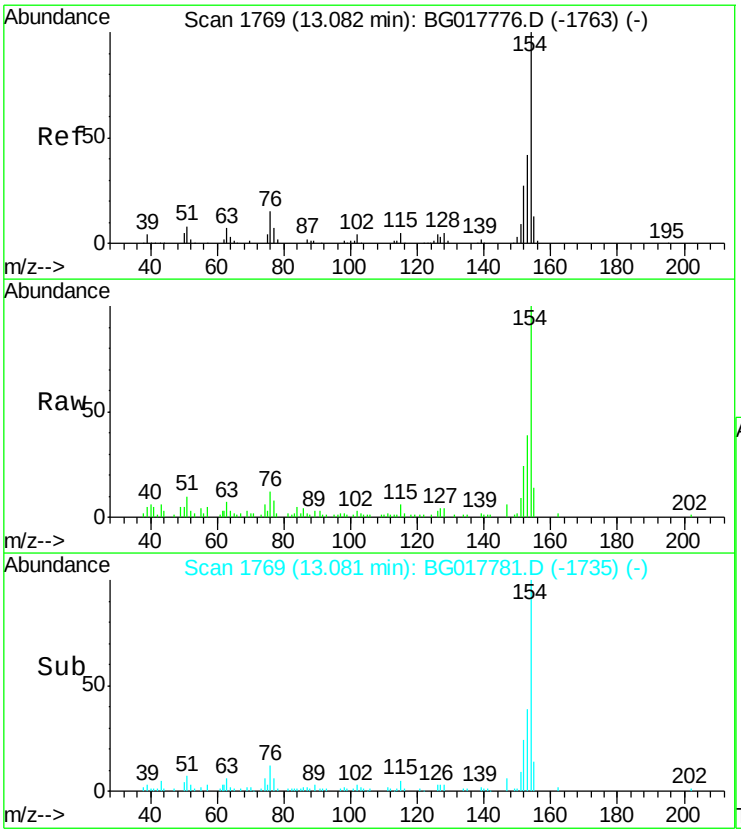
#28
Naphthalene
Concen: 5.53 ng/ul
RT: 10.43 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 136543

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.6	11.0	16.6

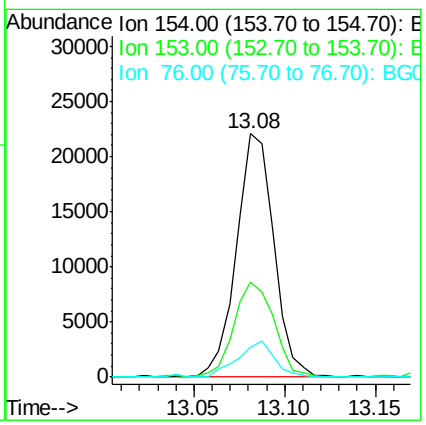


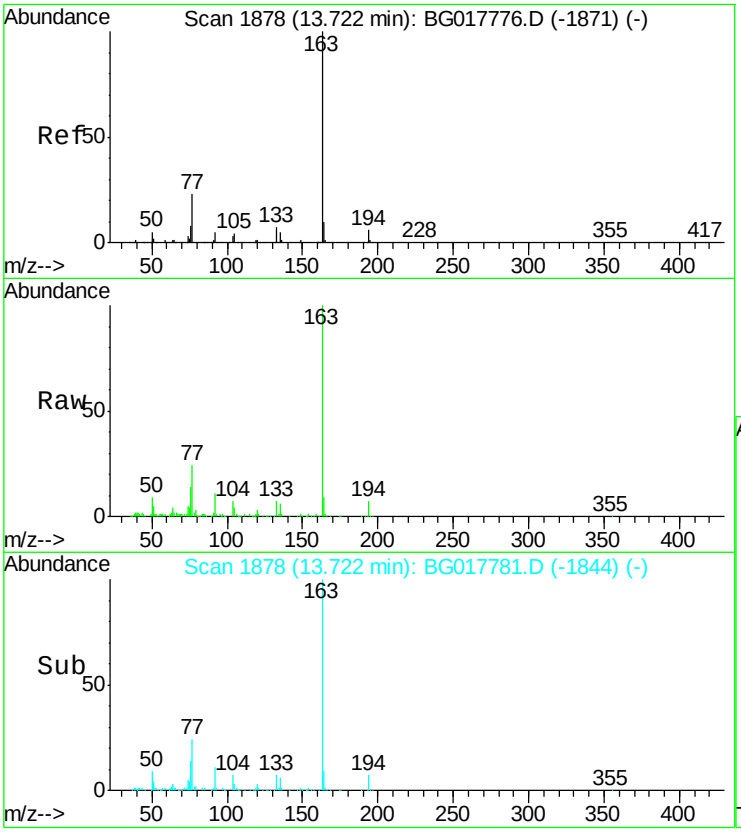


#40
1,1'-Biphenyl
Concen: 1.43 ng/ul
RT: 13.08 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Tgt Ion:154 Resp: 31808

Ion	Ratio	Lower	Upper
154	100		
153	39.2	33.3	49.9
76	12.4	12.4	18.6



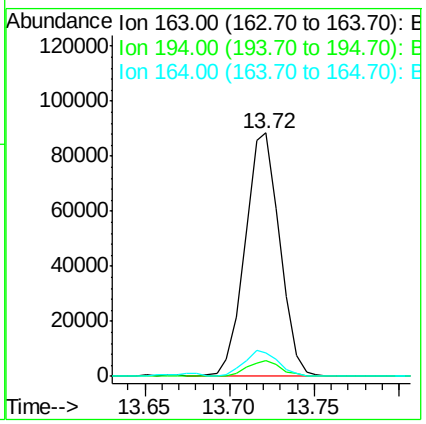


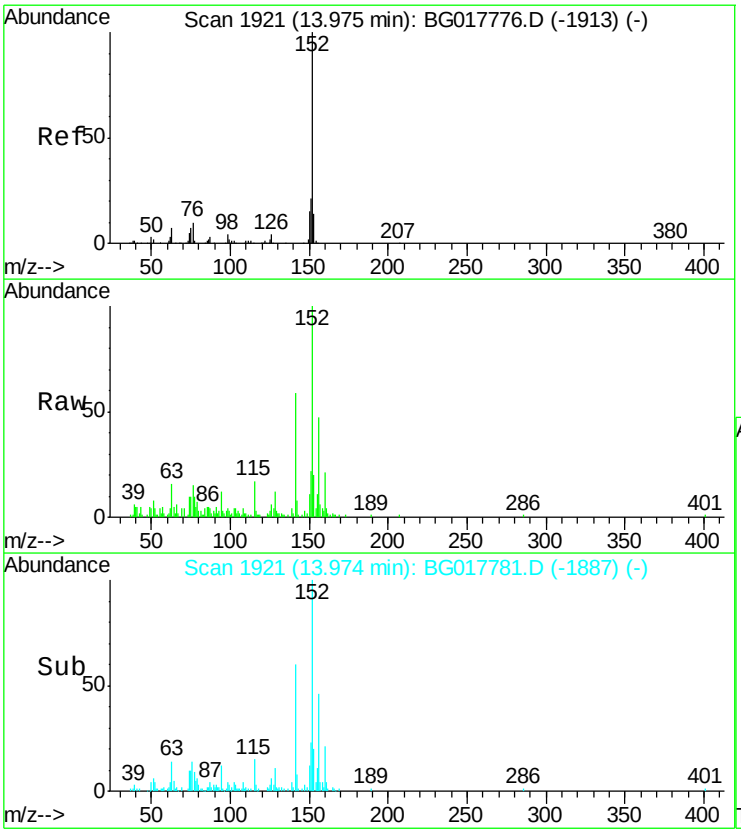
#44
Dimethylphthalate
Concen: 5.68 ng/ul
RT: 13.72 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 125911

Ion	Ratio	Lower	Upper
163	100		
194	6.7	5.4	8.0
164	9.5	7.7	11.5

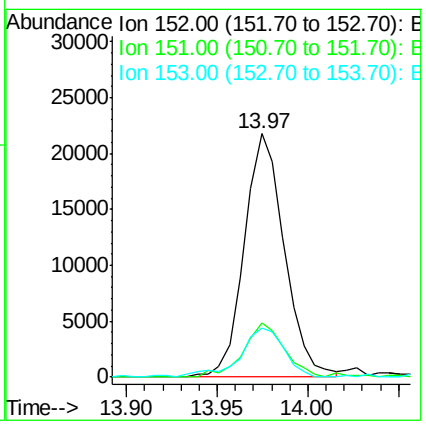


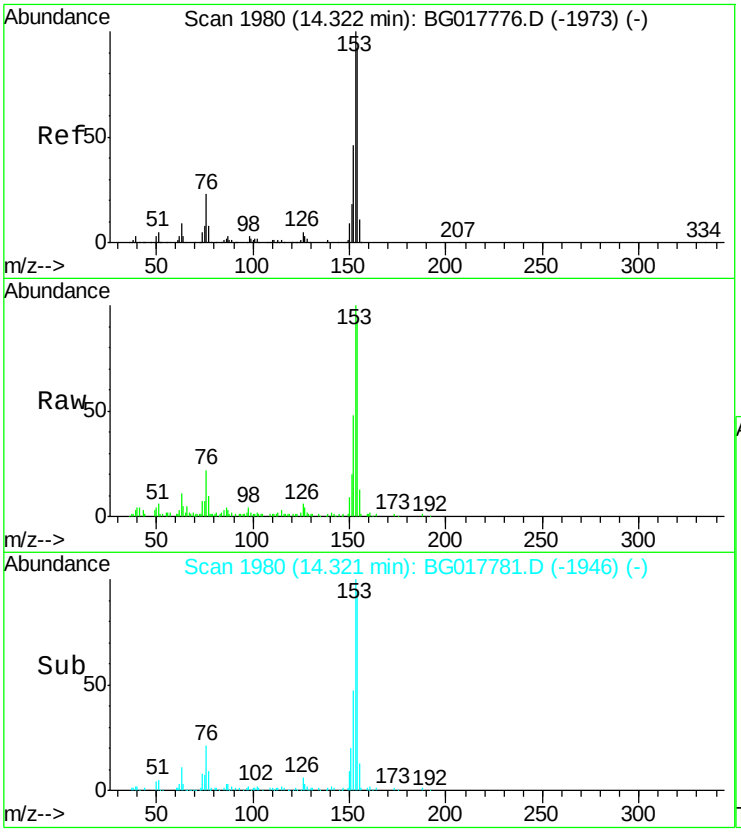


#47
Acenaphthylene
Concen: 1.14 ng/ul
RT: 13.97 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Tgt Ion:152 Resp: 33445

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.0	25.6
153	20.1	11.2	16.8#



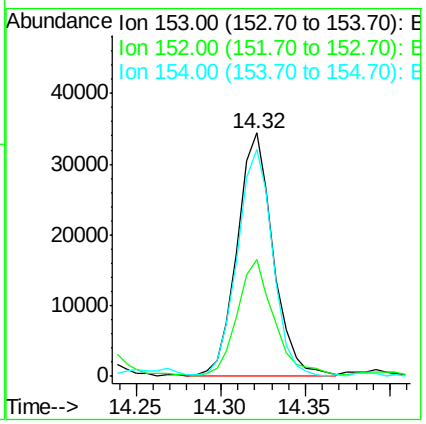


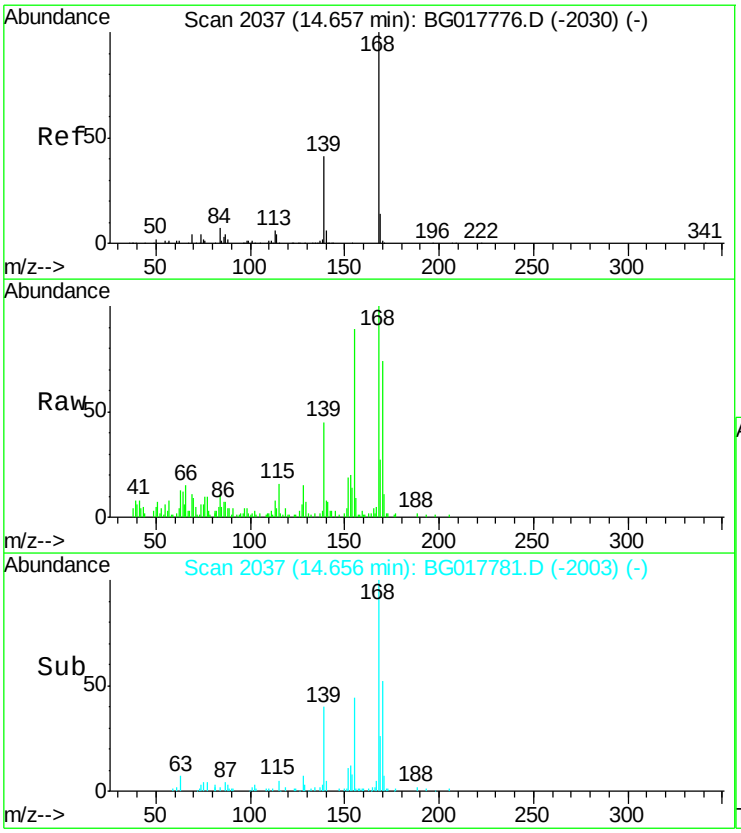
#49
Acenaphthene
Concen: 2.58 ng/ul
RT: 14.32 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 51157

Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.8	56.6
154	93.4	71.2	106.8

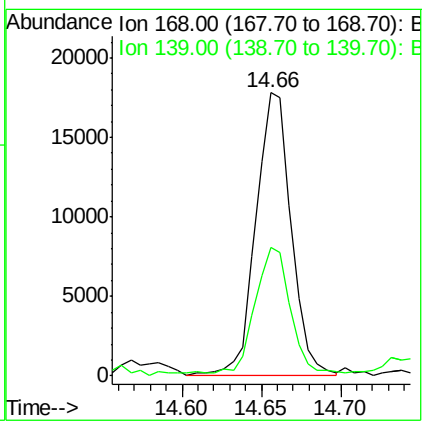


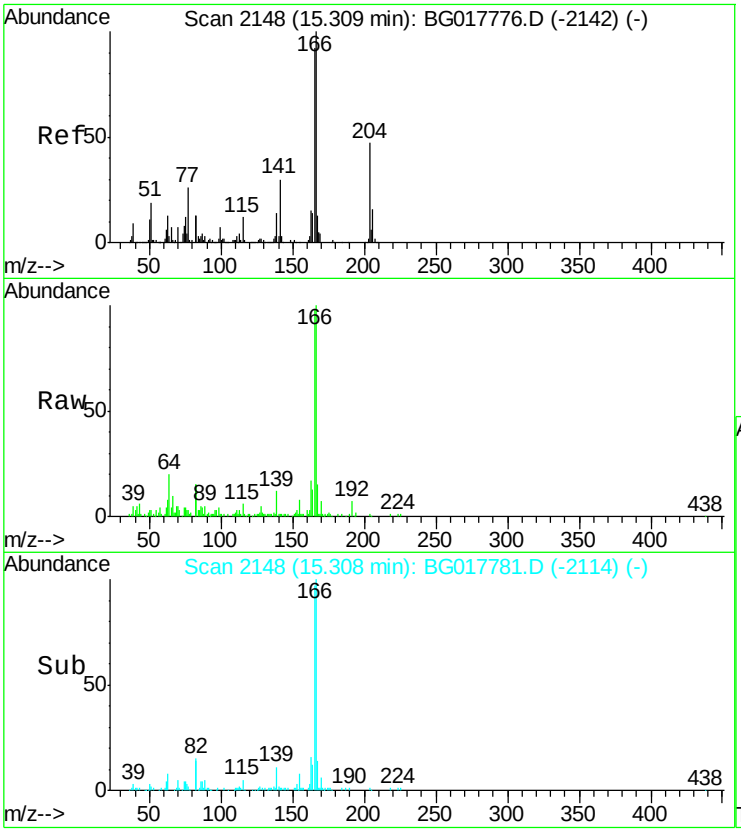


#53
Dibenzofuran
Concen: 1.04 ng/ul
RT: 14.66 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Tgt Ion:168 Resp: 27728

Ion	Ratio	Lower	Upper
168	100		
139	45.2	32.7	49.1



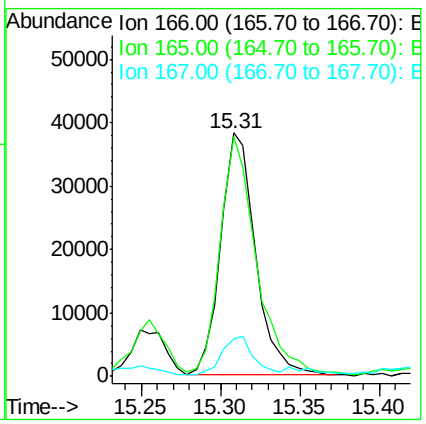


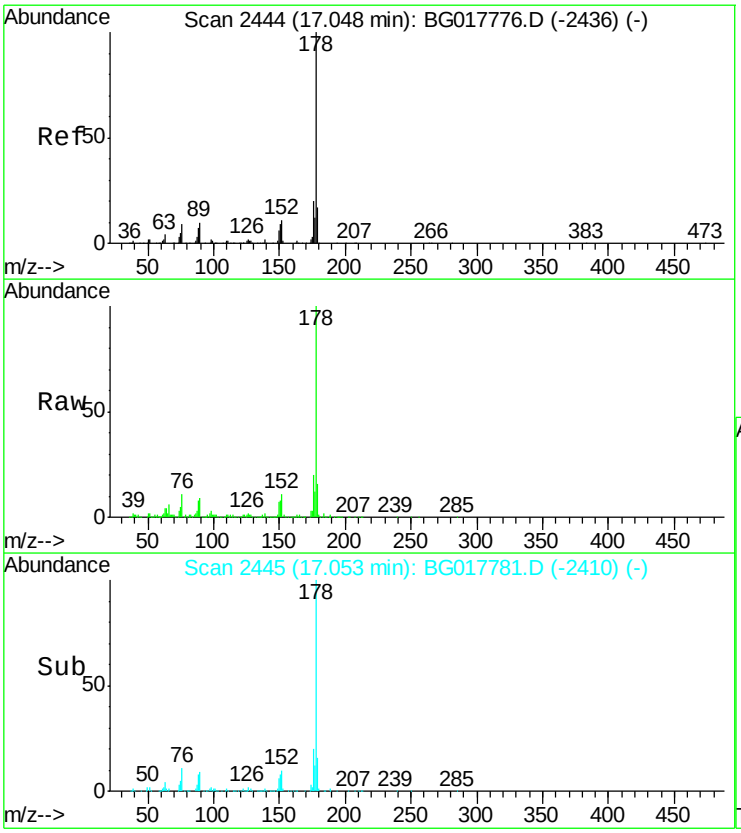
#58
Fluorene
Concen: 2.45 ng/ul
RT: 15.31 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 58192

Ion	Ratio	Lower	Upper
166	100		
165	98.3	75.7	113.5
167	15.2	10.1	15.1#

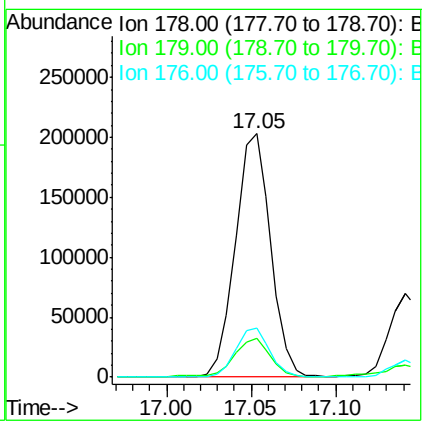


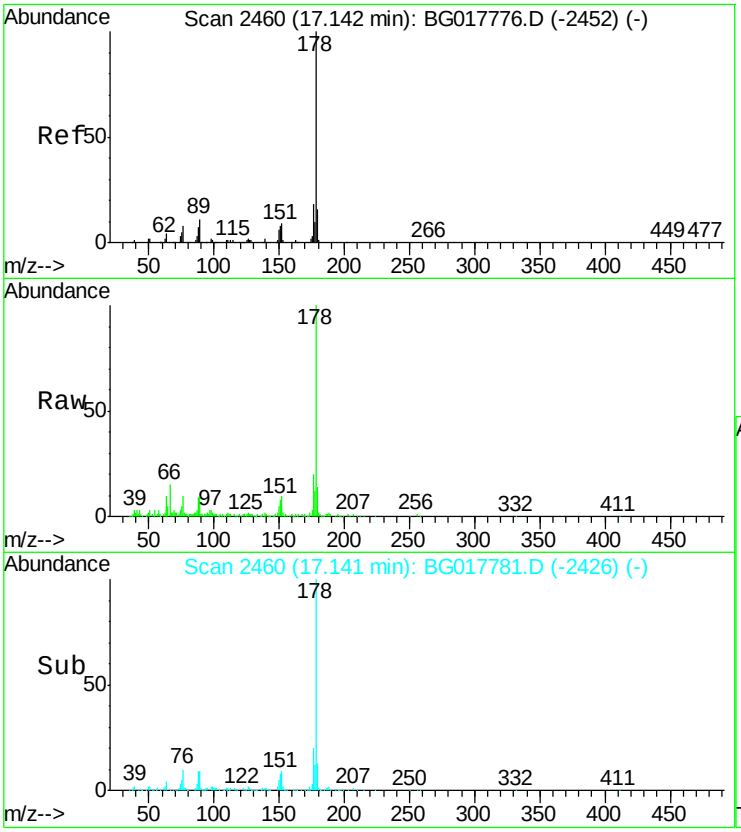


#69
Phenanthrene
Concen: 8.62 ng/ul
RT: 17.05 min Scan# 2445
Delta R.T. 0.01 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Tgt Ion:178 Resp: 293328

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.4
176	20.2	17.0	25.4



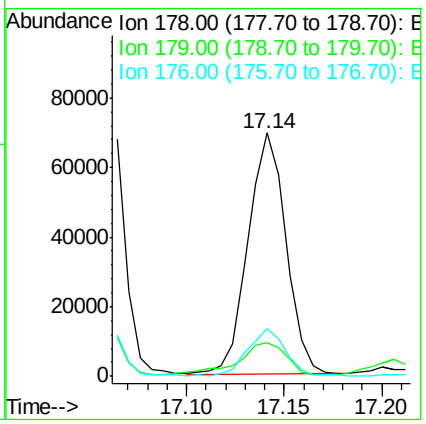


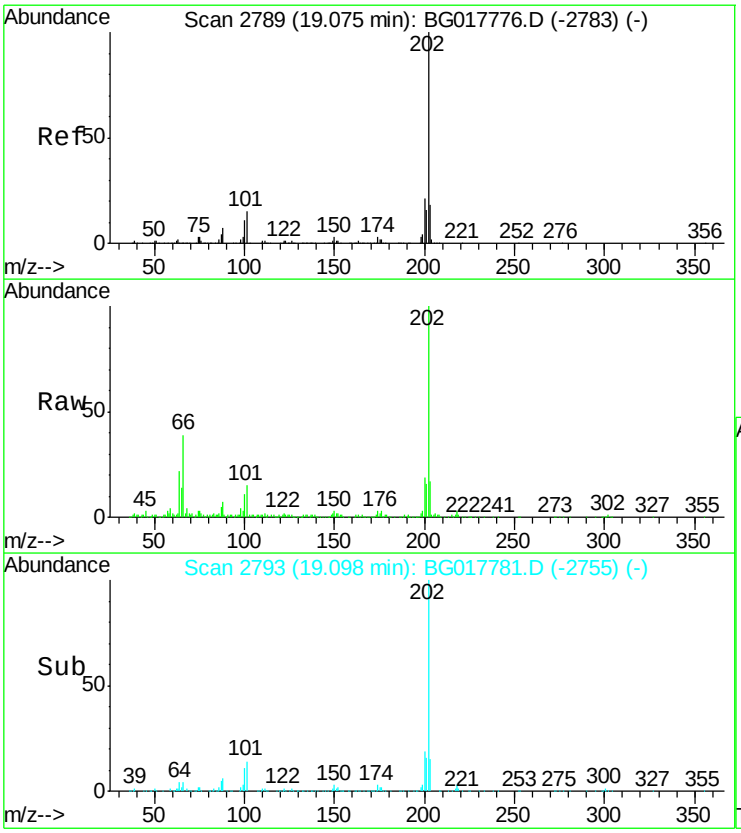
#71
Anthracene
Concen: 2.67 ng/ul
RT: 17.14 min Scan# 2460
Delta R.T. -0.00 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 93557

Ion	Ratio	Lower	Upper
178	100		
179	13.7	12.4	18.6
176	19.7	15.3	22.9

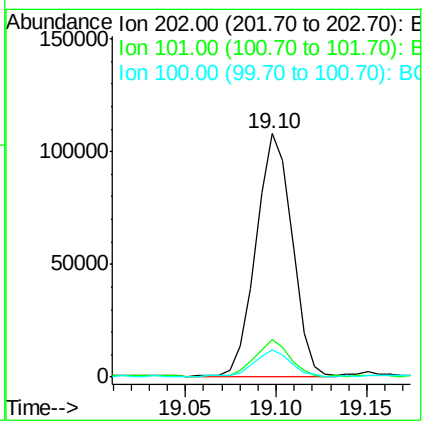


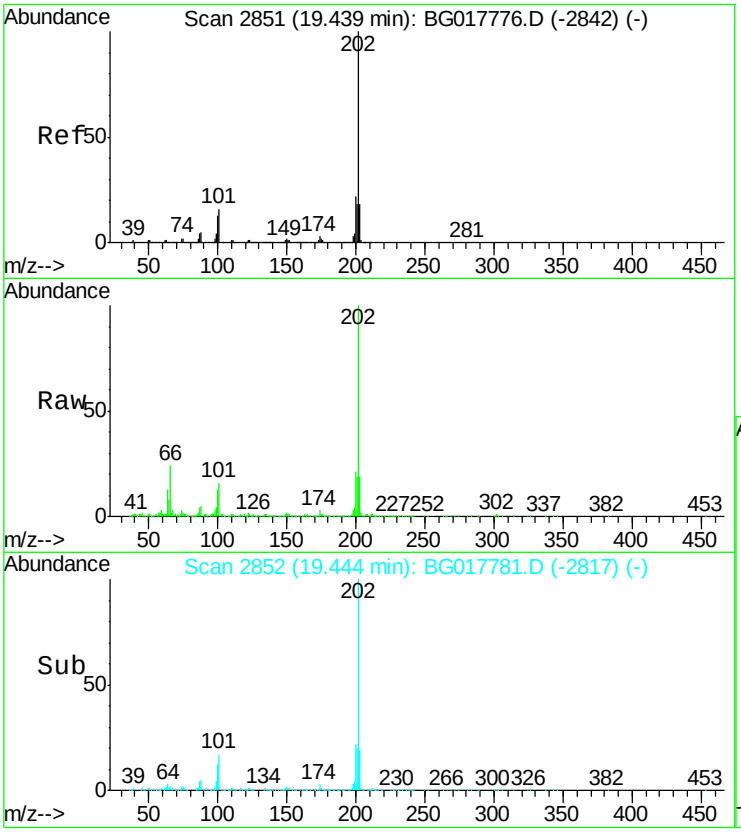


#76
Fluoranthene
Concen: 4.54 ng/ul
RT: 19.10 min Scan# 2793
Delta R.T. 0.02 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Tgt Ion:202 Resp: 148645

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.6	18.8
100	11.2	9.1	13.7



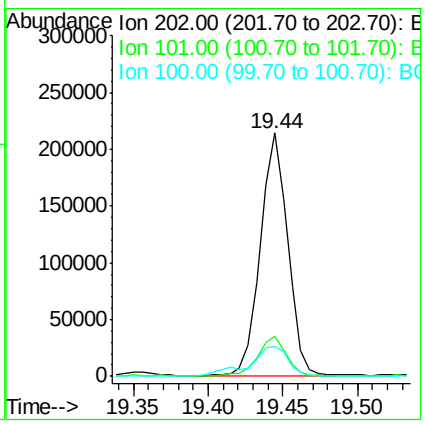


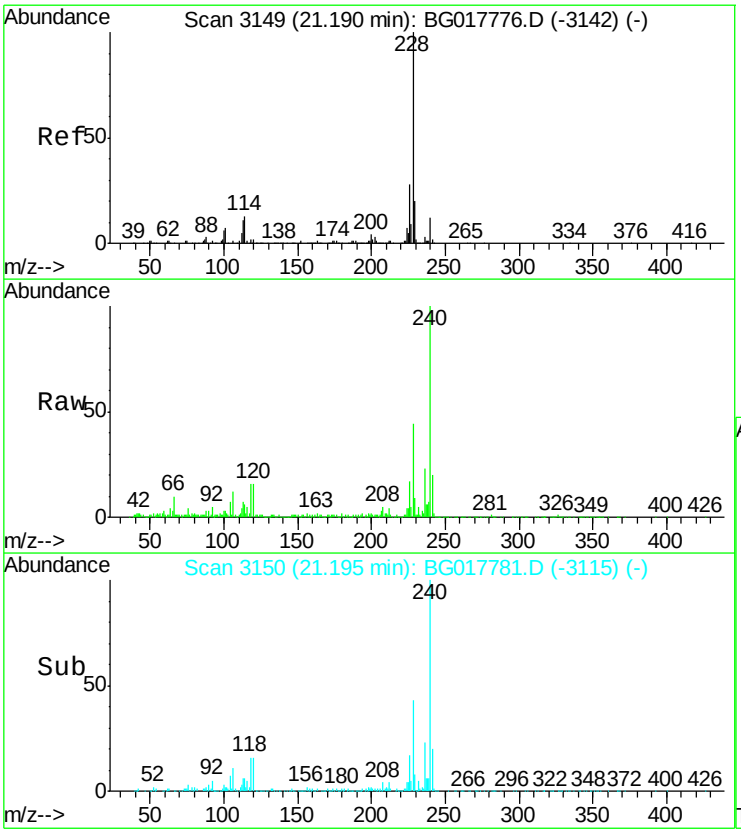
#79
Pyrene
Concen: 6.99 ng/ul
RT: 19.44 min Scan# 2852
Delta R.T. 0.01 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 269778

Ion	Ratio	Lower	Upper
202	100		
101	16.4	13.1	19.7
100	12.5	11.3	16.9

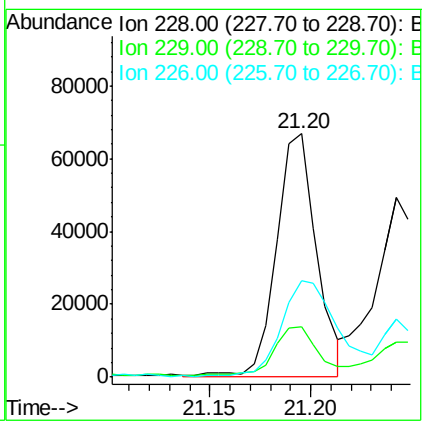


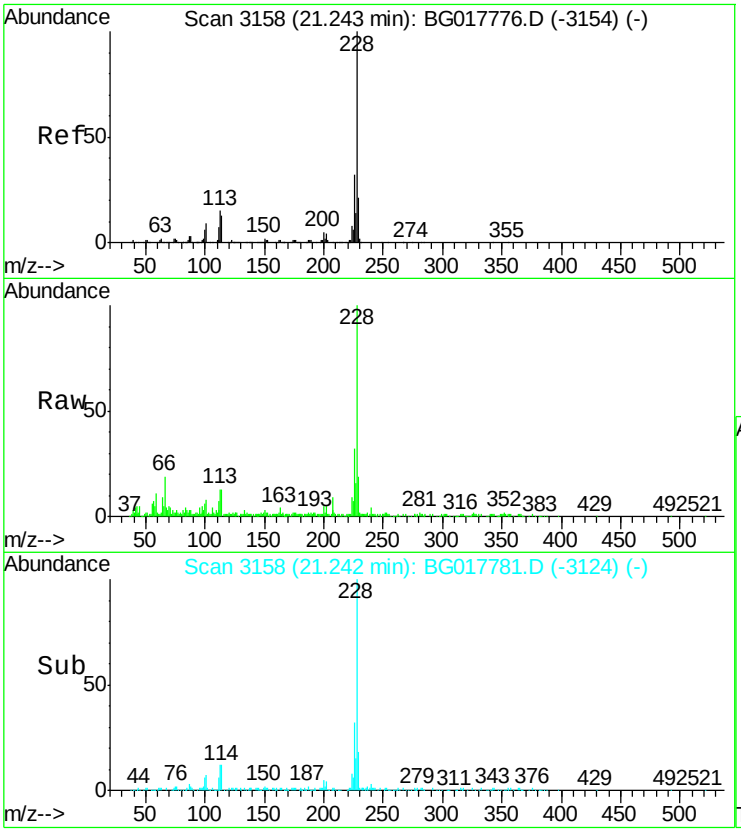


#82
Benzo(a)anthracene
Concen: 2.65 ng/ul m
RT: 21.20 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Tgt Ion:228 Resp: 92371

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	39.5	22.2	33.2#



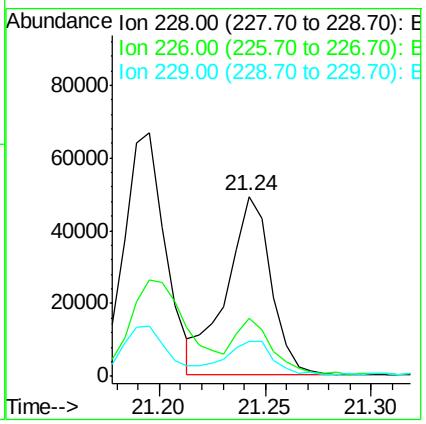


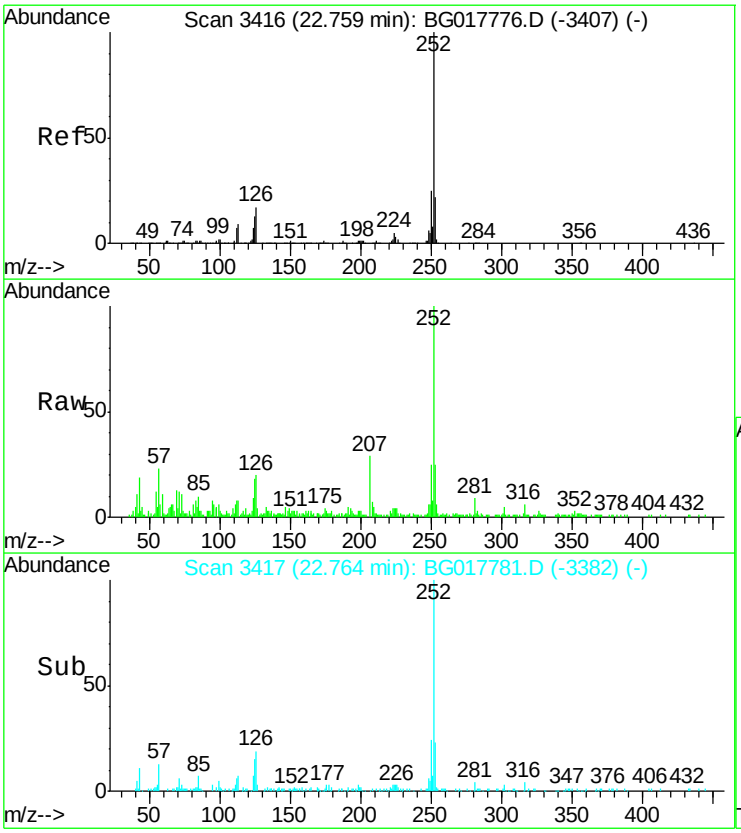
#84
Chrysene
Concen: 2.16 ng/ul
RT: 21.24 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 71371

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.6	38.4
229	19.3	16.4	24.6

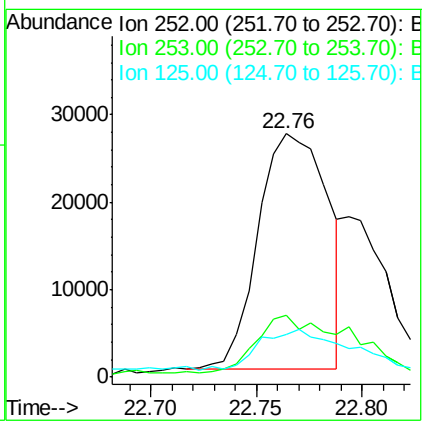


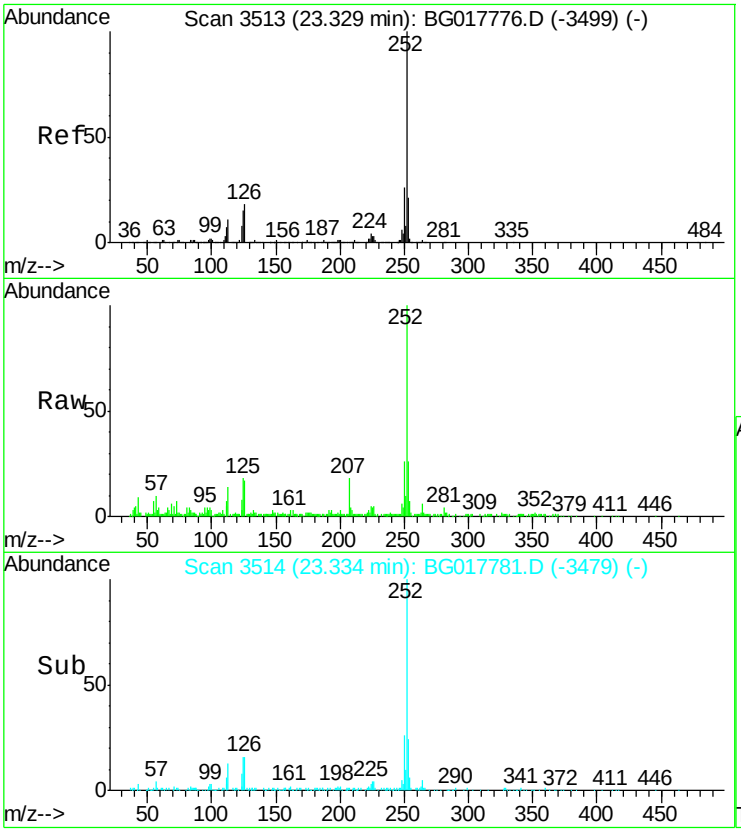


#87
Benzo(b)fluoranthene
Concen: 1.69 ng/ul
RT: 22.76 min Scan# 3417
Delta R.T. 0.01 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Tgt Ion:252 Resp: 61317

Ion	Ratio	Lower	Upper
252	100		
253	25.4	16.8	25.2#
125	17.7	10.4	15.6#



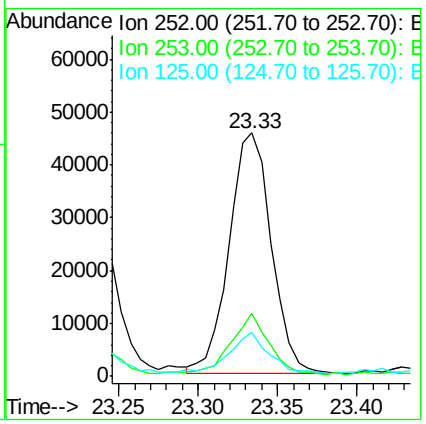


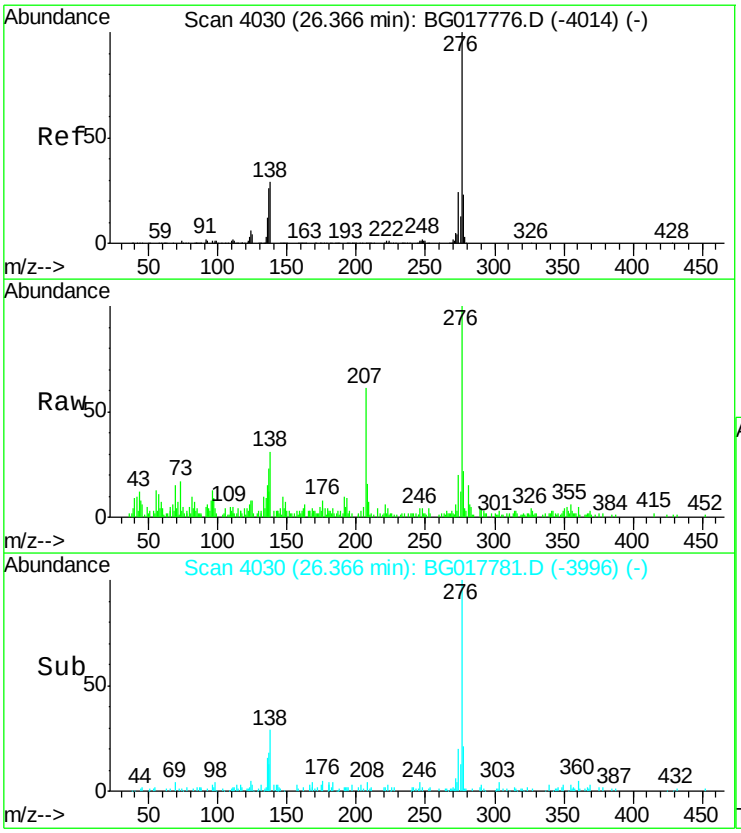
#90
Benzo(a)pyrene
Concen: 2.44 ng/ul
RT: 23.33 min Scan# 3514
Delta R.T. 0.01 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 84072

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.3	27.5
125	17.9	12.1	18.1





#93
Benzo(g,h,i)perylene
Concen: 1.20 ng/ul
RT: 26.37 min Scan# 4030
Delta R.T. -0.00 min
Lab File: BG017781.D
Acq: 6 Jul 2015 22:30

Tgt Ion:276 Resp: 37652

Ion	Ratio	Lower	Upper
276	100		
138	30.7	25.1	37.7
277	21.7	18.7	28.1