Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017800.D
Acq On : 7 Jul 2015 19:26
Operator : TP/UM
Sample : G2860-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K1

Quant Time: Jul 08 04:58:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 04:54:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	76186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	366850	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	220892	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	426313	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	454919	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	468951	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	4033	2.09	ng/uL	0.00
5) Phenol-d5	6.78	99	107536	16.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	55797	14.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	88822	16.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	85069	16.17	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	45769	16.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	50029	18.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	86082	16.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	61793	8.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	233561	15.97	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	326852	16.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	40817	13.92	ng/ul	0.00
57) Fluorene-d10	15.26	176	230596	15.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	13966	7.06	ng/ul	0.00
70) Anthracene-d10	17.11	188	310314	15.97	ng/ul	0.00
78) Pyrene-d10	19.42	212	326833	15.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	324321	15.71	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.44	128	162628	8.57	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	80786	6.00	ng/ul	89
40) 1,1'-Biphenyl	13.09	154	31023	1.90	ng/ul#	95
44) Dimethylphthalate	13.72	163	73666	4.54	ng/ul	97
47) Acenaphthylene	13.99	152	58559	2.72	ng/ul	96
49) Acenaphthene	14.32	153	197519	13.61	ng/ul	96
53) Dibenzofuran	14.66	168	196021	10.02	ng/ul	98
58) Fluorene	15.31	166	258987	14.90	ng/ul	97
69) Phenanthrene	17.07	178	2309046	99.10	ng/ul#	89
71) Anthracene	17.15	178	717747	29.95	ng/ul	98
74) Carbazole	17.42	167	125185	6.27	ng/ul	98
79) Pyrene	19.46	202	2525808	90.98	ng/ul#	88
82) Benzo(a)anthracene	21.20	228	1264985	50.46	ng/ul#	91
84) Chrysene	21.25	228	1222719	51.50	ng/ul#	95
87) Benzo(b)fluoranthene	22.79	252	1476086	55.07	ng/ul#	92
88) Benzo(k)fluoranthene	22.79	252	866710	34.31	ng/ul	95
90) Benzo(a)pyrene	23.36	252	1203130	47.23	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.73	276	654899	23.55	ng/ul	94
92) Dibenzo(a,h)anthracene	25.73	278	161183	6.86	ng/ul#	87
93) Benzo(g,h,i)perylene	26.42	276	679160	29.19	ng/ul	95

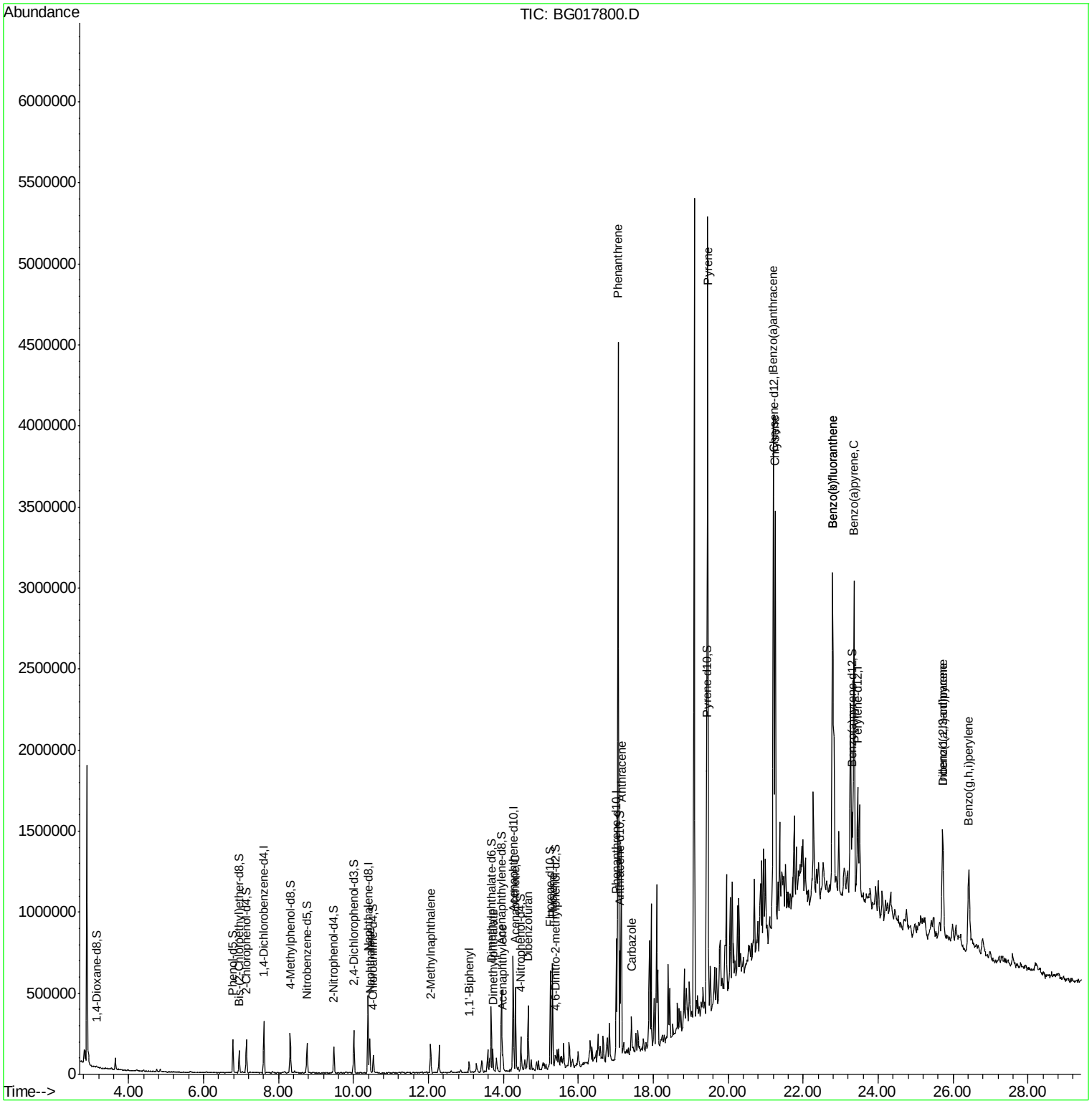
(#) = qualifier out of range (m) = manual integration (+) = signals summed

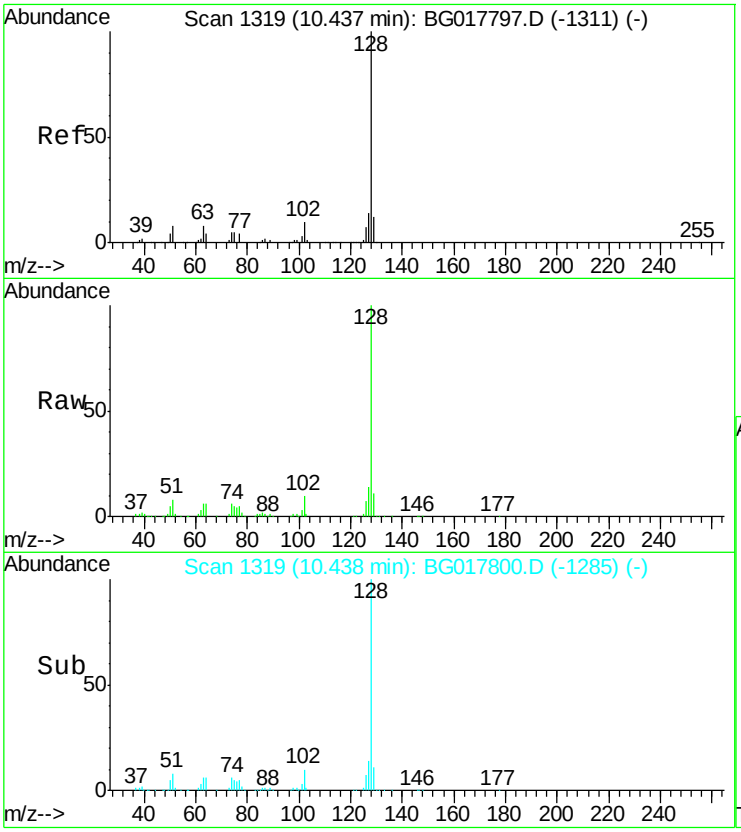
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017800.D
Acq On : 7 Jul 2015 19:26
Operator : TP/UM
Sample : G2860-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G93K1

Quant Time: Jul 08 04:58:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 04:54:23 2015
Response via : Initial Calibration



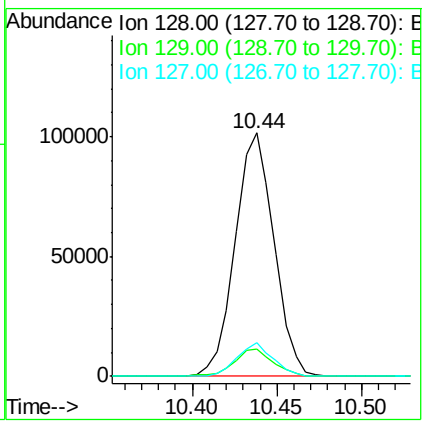


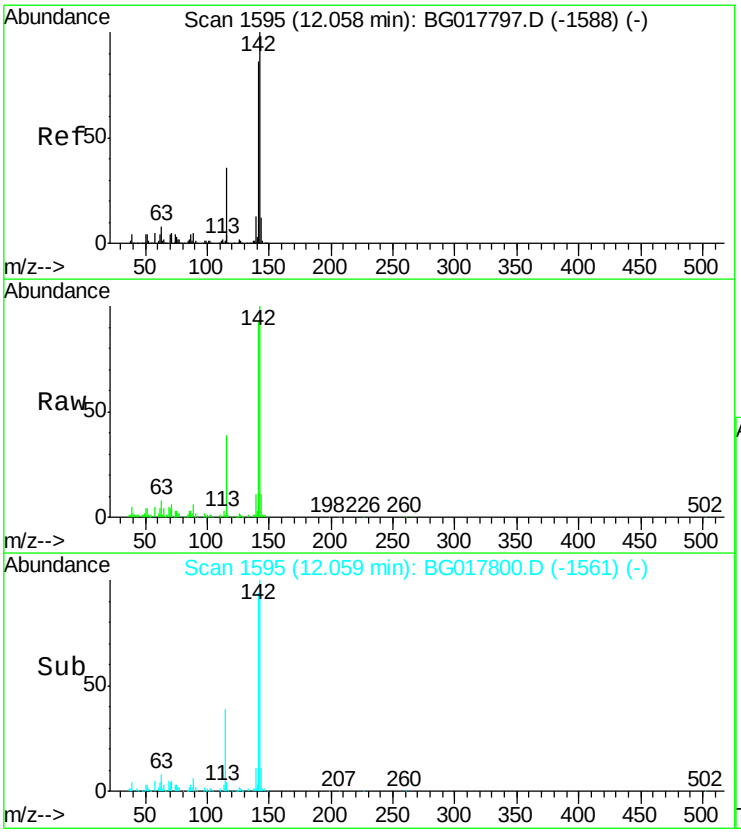
#28
Naphthalene
Concen: 8.57 ng/ul
RT: 10.44 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Instrument :
BNA_G
ClientSampleId :
G93K1

Tgt Ion:128 Resp: 162628

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.6	11.0	16.6

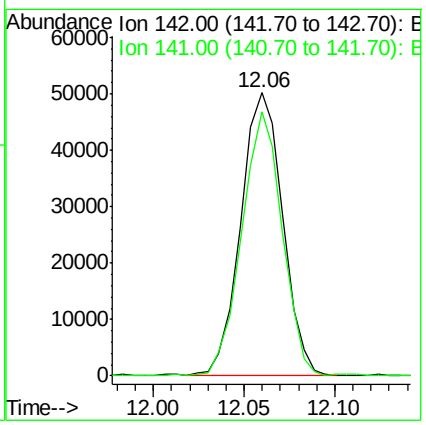


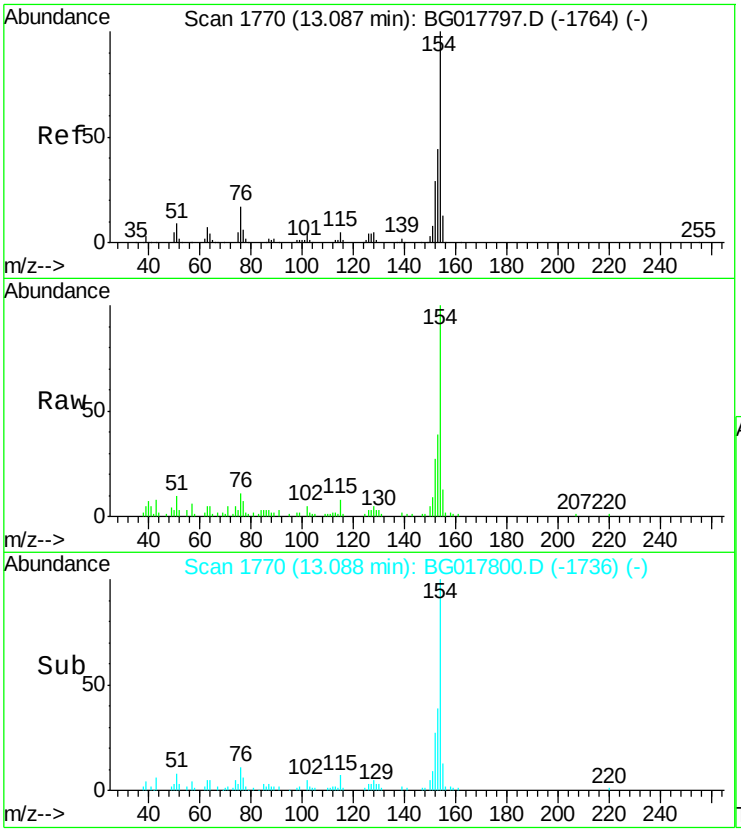


#34
2-Methylnaphthalene
Concen: 6.00 ng/ul
RT: 12.06 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Tgt Ion:142 Resp: 80786

Ion	Ratio	Lower	Upper
142	100		
141	93.4	66.6	100.0



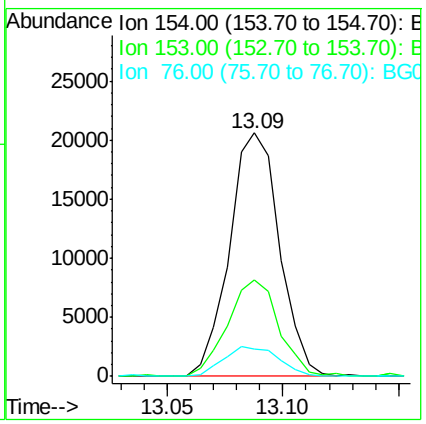


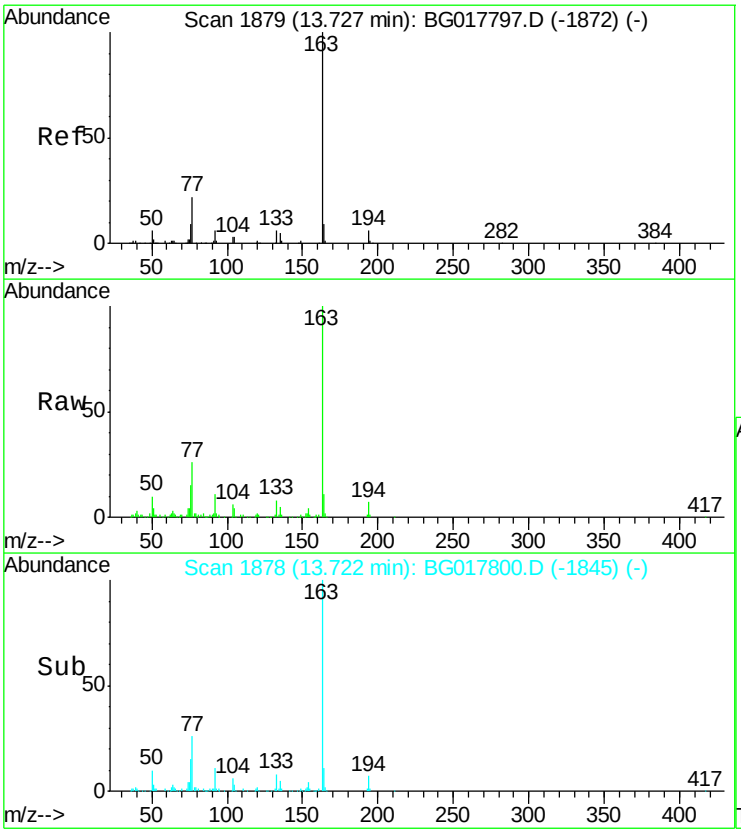
#40
1,1'-Biphenyl
Concen: 1.90 ng/ul
RT: 13.09 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Instrument :
BNA_G
ClientSampleId :
G93K1

Tgt Ion:154 Resp: 31023

Ion	Ratio	Lower	Upper
154	100		
153	39.4	33.3	49.9
76	11.4	12.4	18.6#

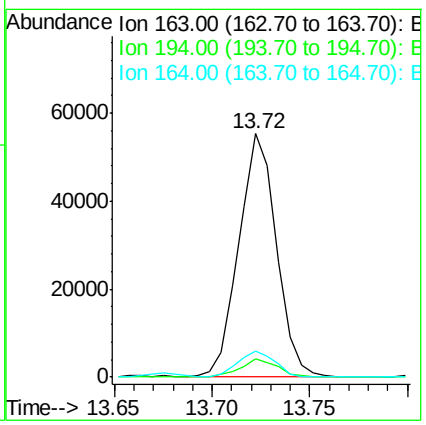


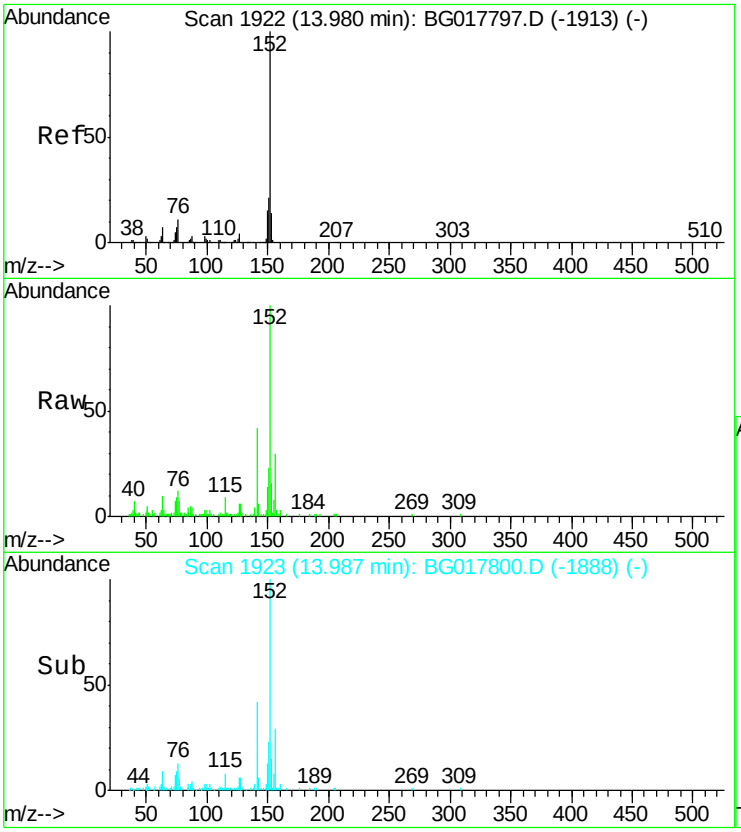


#44
Dimethylphthalate
Concen: 4.54 ng/ul
RT: 13.72 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Tgt Ion:163 Resp: 73666

Ion	Ratio	Lower	Upper
163	100		
194	7.4	5.4	8.0
164	10.8	7.7	11.5



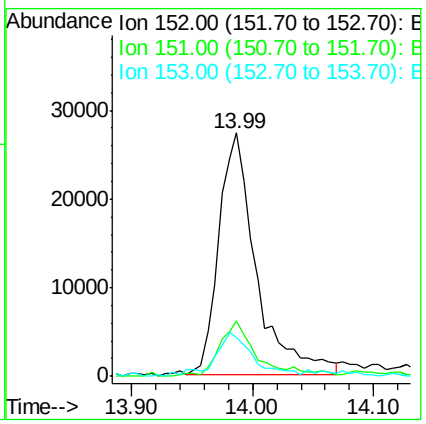


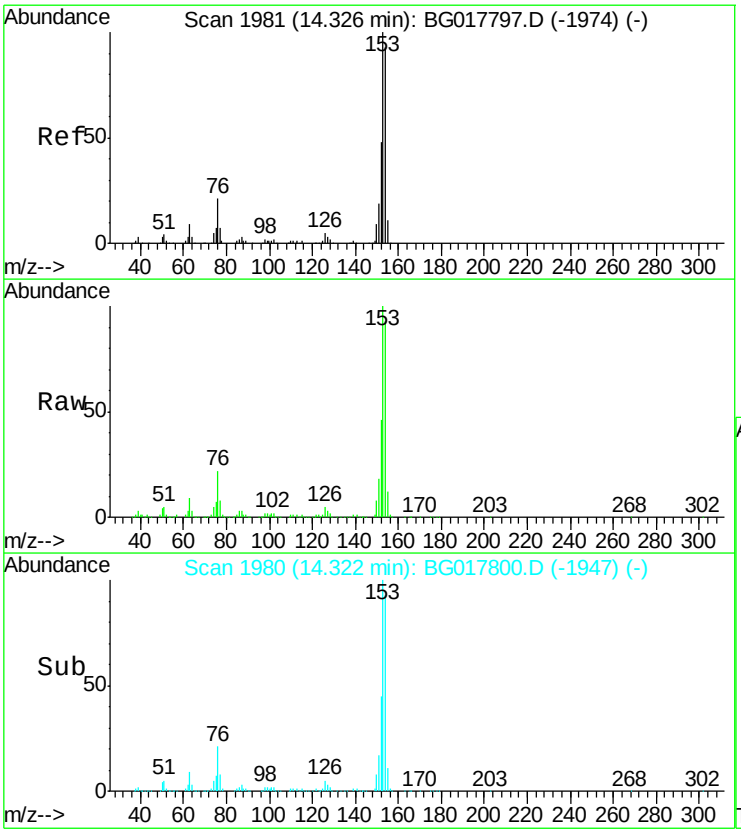
#47
Acenaphthylene
Concen: 2.72 ng/ul
RT: 13.99 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Instrument :
BNA_G
ClientSampleId :
G93K1

Tgt Ion:152 Resp: 58559

Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.0	25.6
153	15.9	11.2	16.8

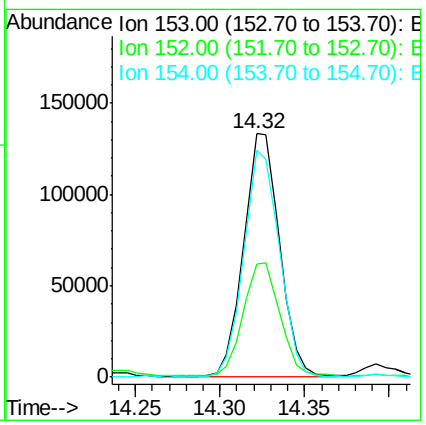


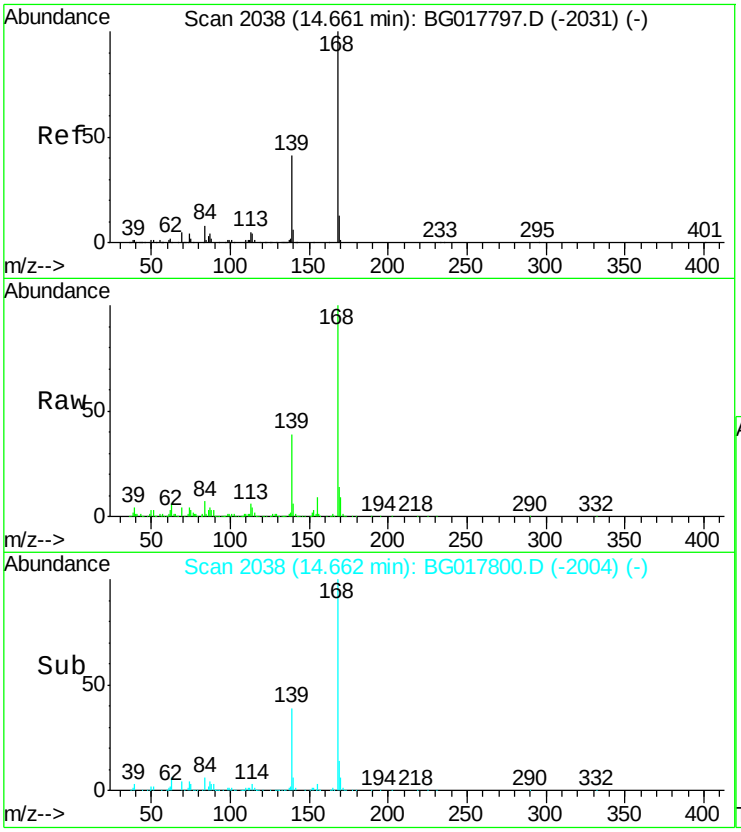


#49
Acenaphthene
Concen: 13.61 ng/ul
RT: 14.32 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Tgt Ion:153 Resp: 197519

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.8	56.6
154	93.4	71.2	106.8



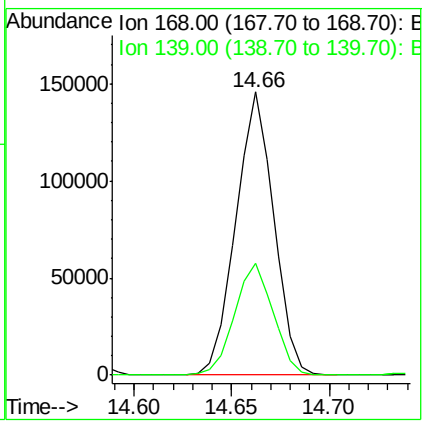


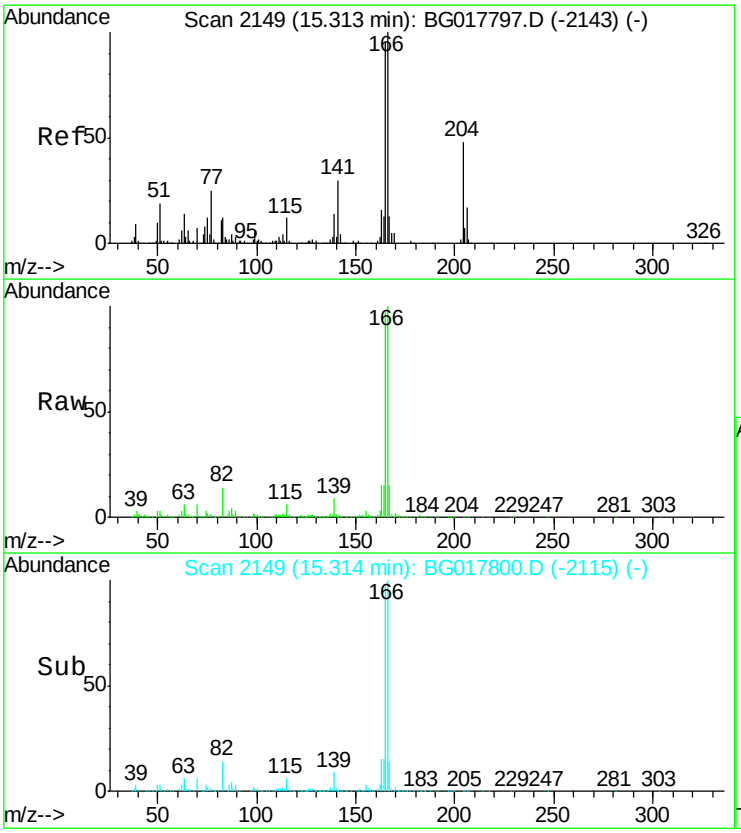
#53
Dibenzofuran
Concen: 10.02 ng/ul
RT: 14.66 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Instrument :
BNA_G
ClientSampleId :
G93K1

Tgt Ion:168 Resp: 196021

Ion	Ratio	Lower	Upper
168	100		
139	39.4	32.7	49.1

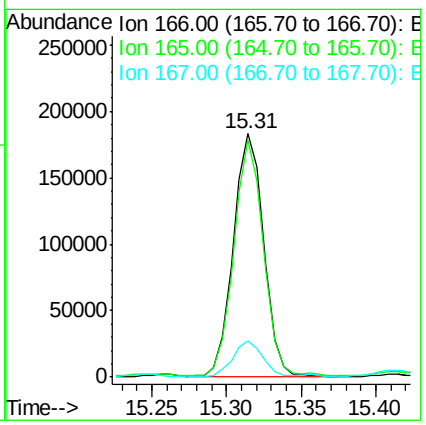


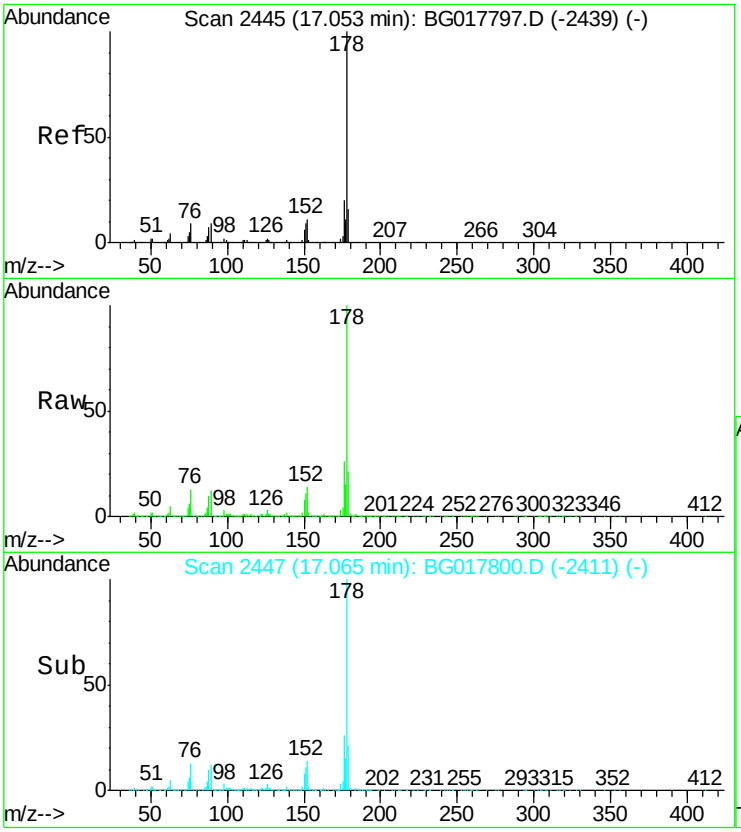


#58
Fluorene
Concen: 14.90 ng/ul
RT: 15.31 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Tgt Ion:166 Resp: 258987

Ion	Ratio	Lower	Upper
166	100		
165	97.2	75.7	113.5
167	15.0	10.1	15.1



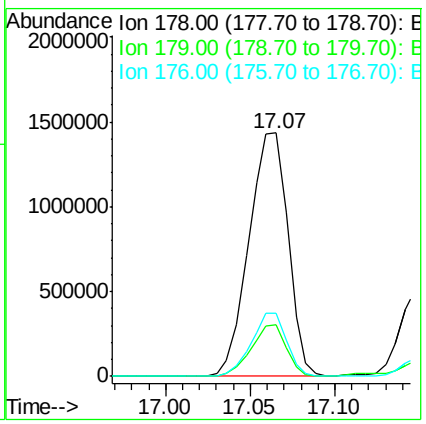


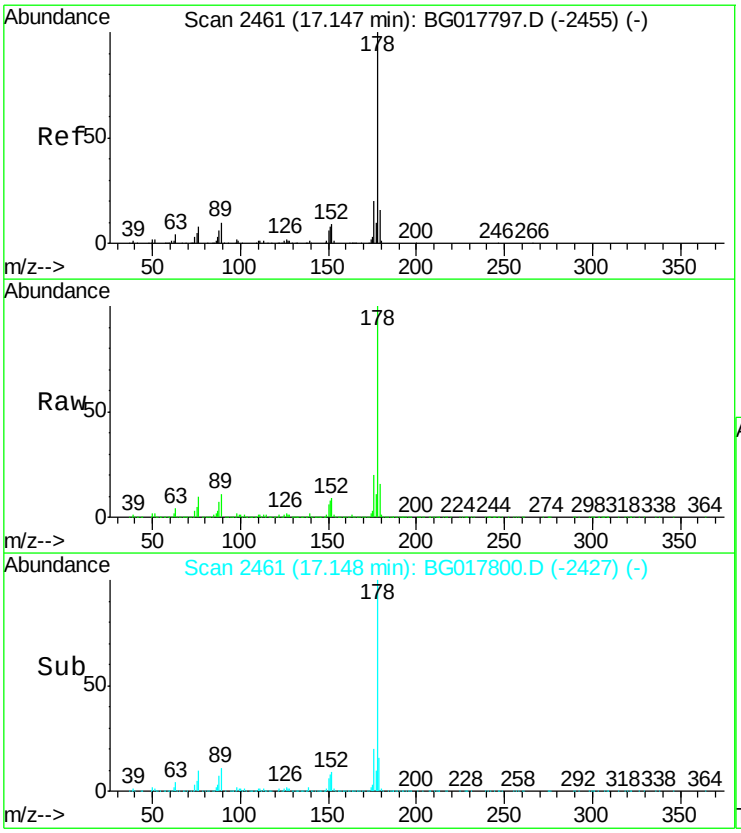
#69
Phenanthrene
Concen: 99.10 ng/ul
RT: 17.07 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Instrument :
BNA_G
ClientSampleId :
G93K1

Tgt Ion:178 Resp: 2309046

Ion	Ratio	Lower	Upper
178	100		
179	21.4	13.0	19.4#
176	25.8	17.0	25.4#

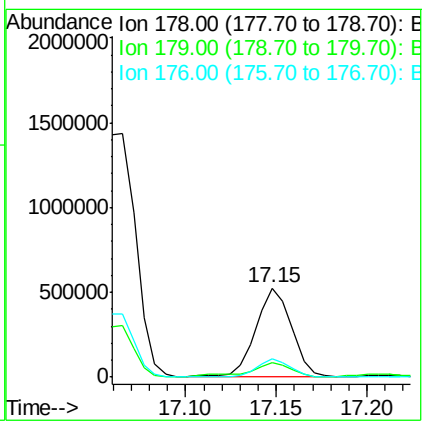


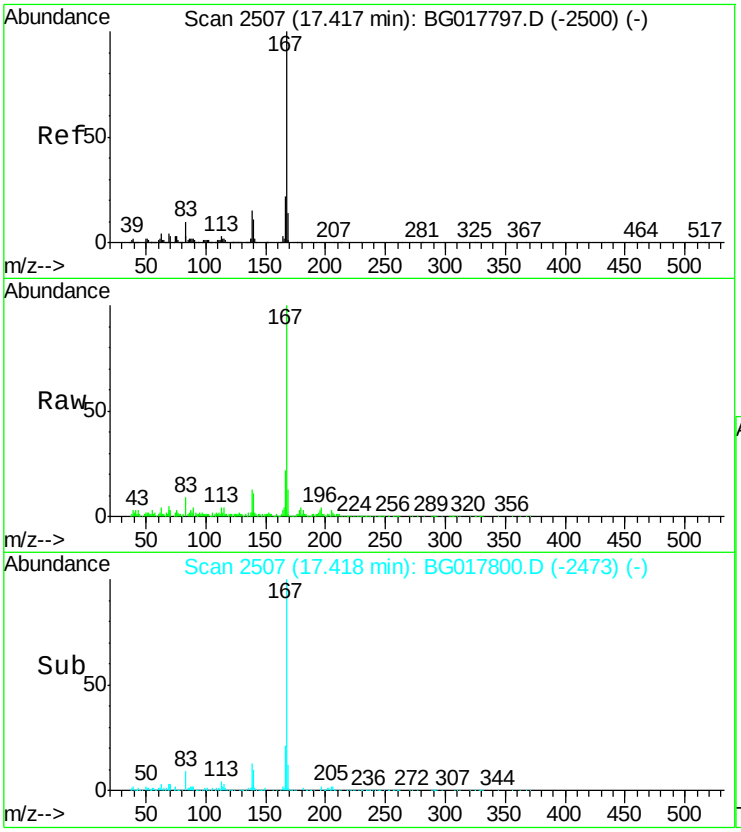


#71
Anthracene
Concen: 29.95 ng/ul
RT: 17.15 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Tgt Ion:178 Resp: 717747

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	20.0	15.3	22.9



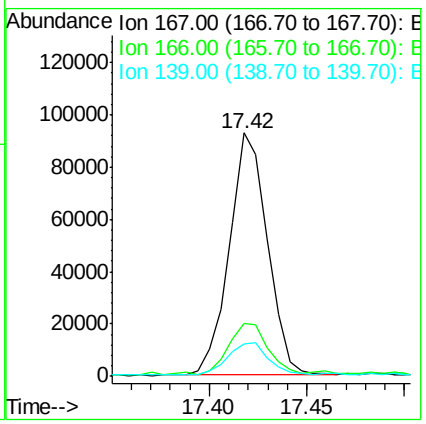


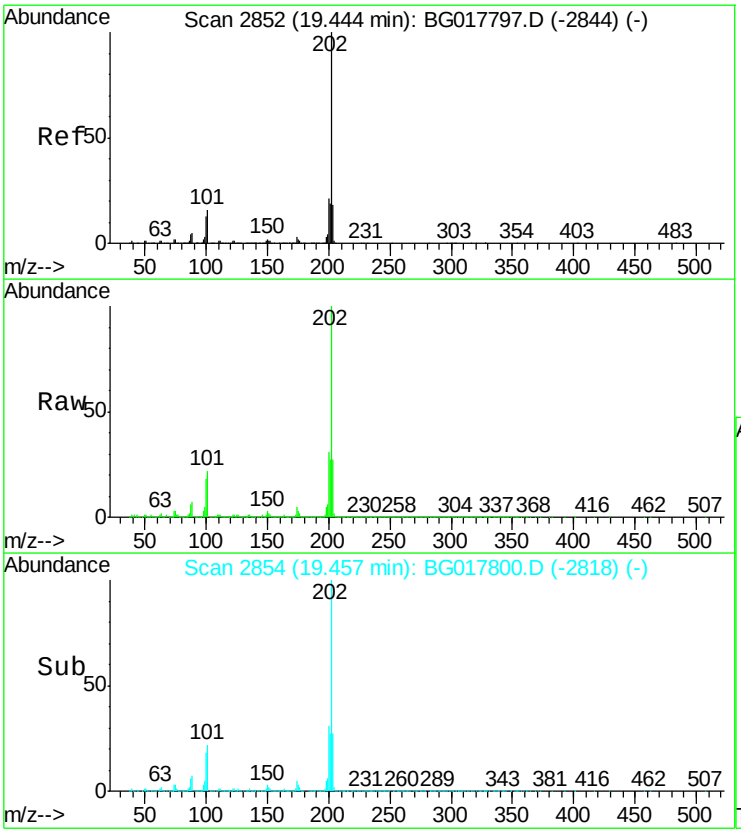
#74
Carbazole
Concen: 6.27 ng/ul
RT: 17.42 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Instrument :
BNA_G
ClientSampleId :
G93K1

Tgt Ion:167 Resp: 125185

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.0	27.0
139	13.3	11.4	17.0

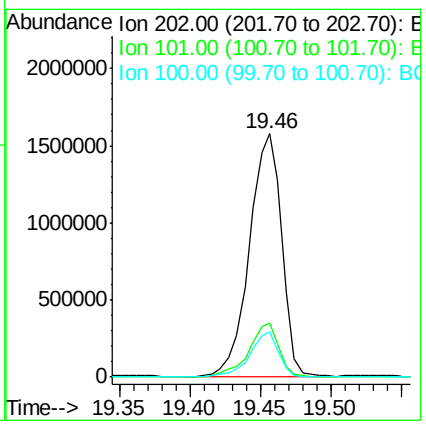


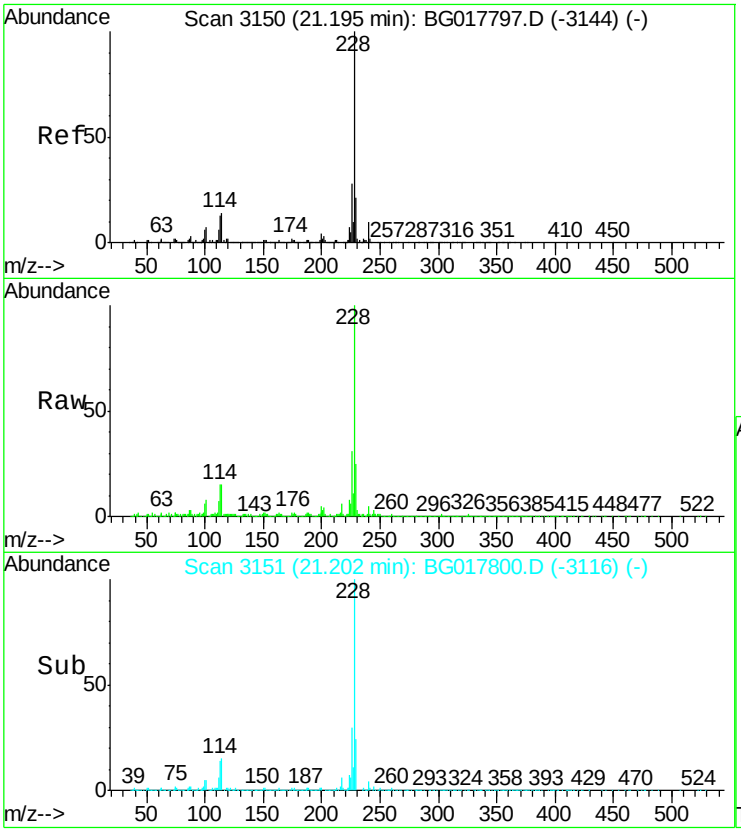


#79
Pyrene
Concen: 90.98 ng/ul
RT: 19.46 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Tgt Ion:202 Resp: 2525808

Ion	Ratio	Lower	Upper
202	100		
101	22.4	13.1	19.7#
100	18.4	11.3	16.9#



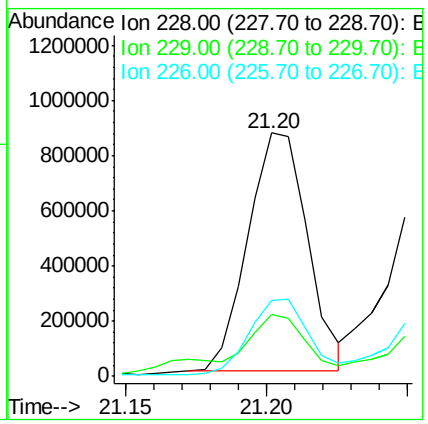


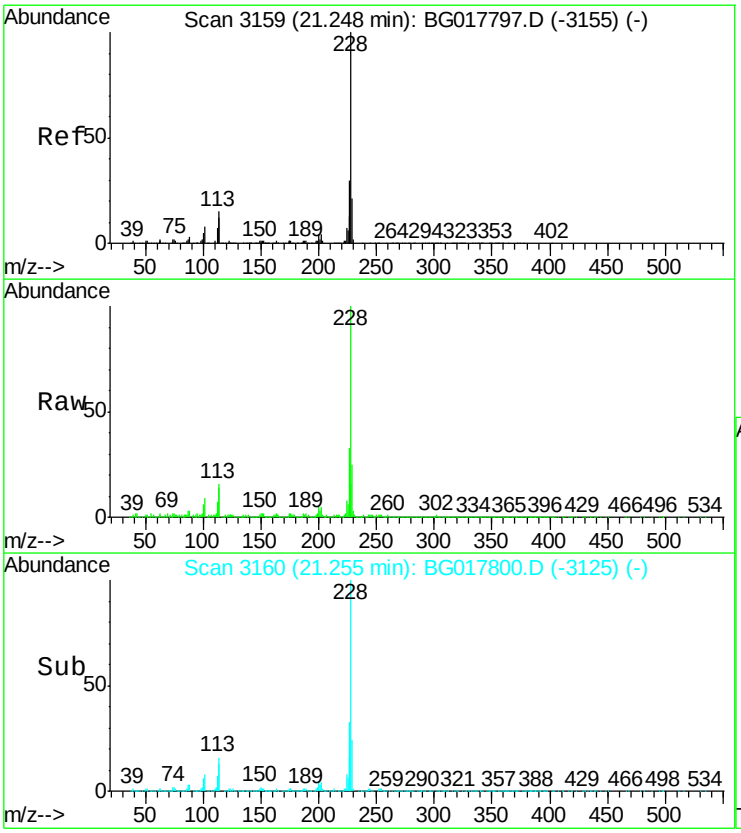
#82
Benzo(a)anthracene
Concen: 50.46 ng/ul
RT: 21.20 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Instrument :
BNA_G
ClientSampleId :
G93K1

Tgt Ion:228 Resp: 1264985

Ion	Ratio	Lower	Upper
228	100		
229	25.2	15.8	23.8#
226	31.1	22.2	33.2

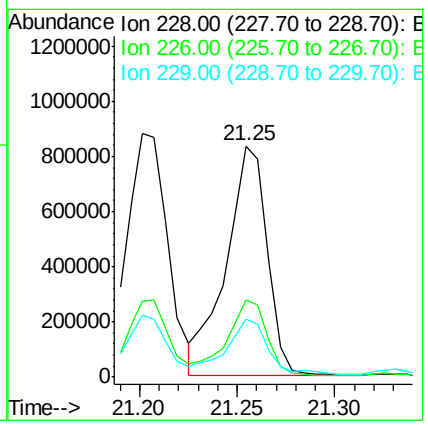


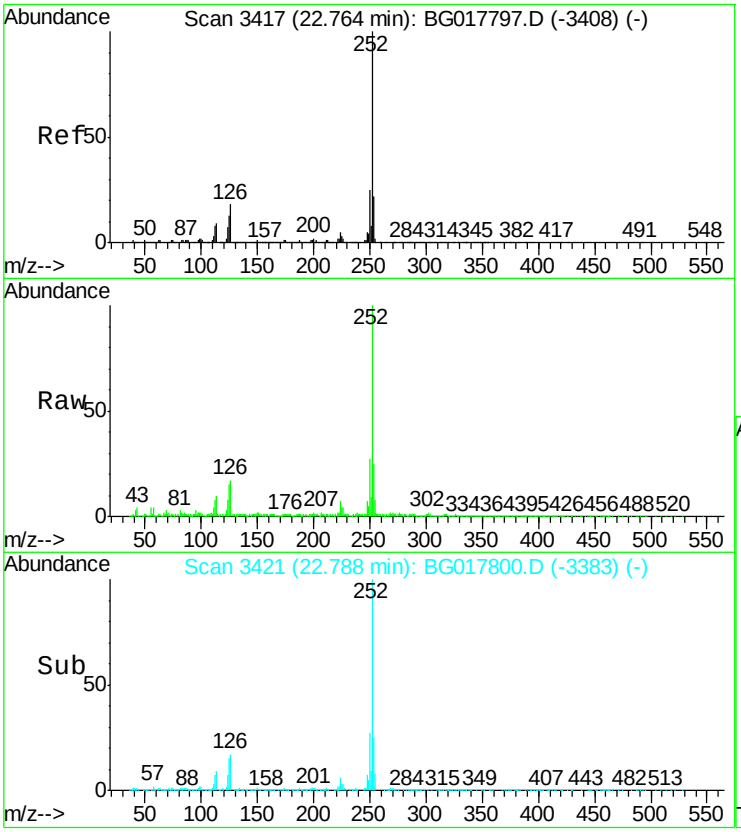


#84
Chrysene
Concen: 51.50 ng/ul
RT: 21.25 min Scan# 3160
Delta R.T. 0.01 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Tgt Ion:228 Resp: 1222719

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.6	38.4
229	25.2	16.4	24.6#



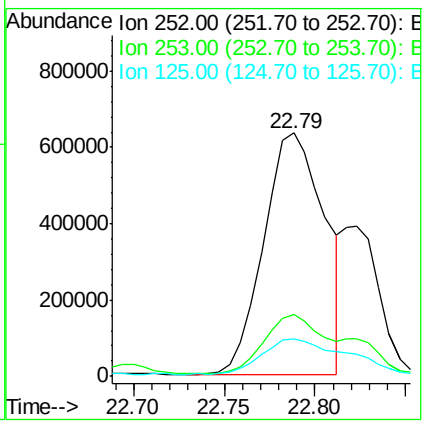


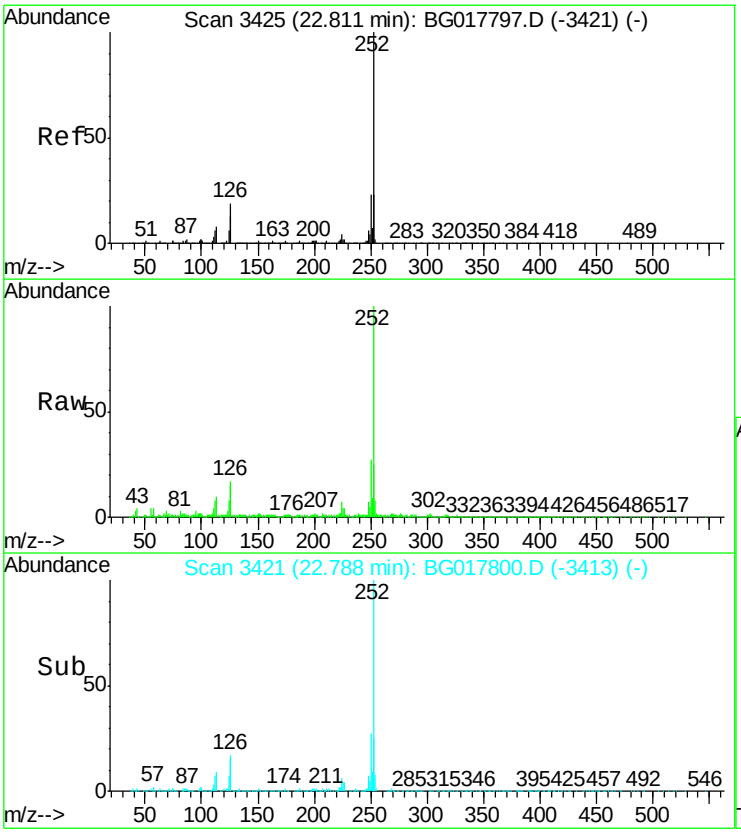
#87
Benzo(b)fluoranthene
Concen: 55.07 ng/ul
RT: 22.79 min Scan# 3421
Delta R.T. 0.02 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Instrument :
BNA_G
ClientSampleId :
G93K1

Tgt Ion:252 Resp: 1476086

Ion	Ratio	Lower	Upper
252	100		
253	25.5	16.8	25.2#
125	15.5	10.4	15.6

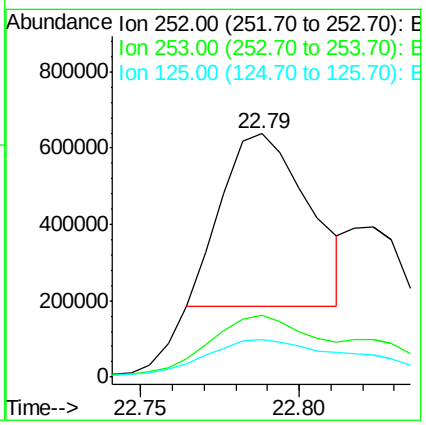


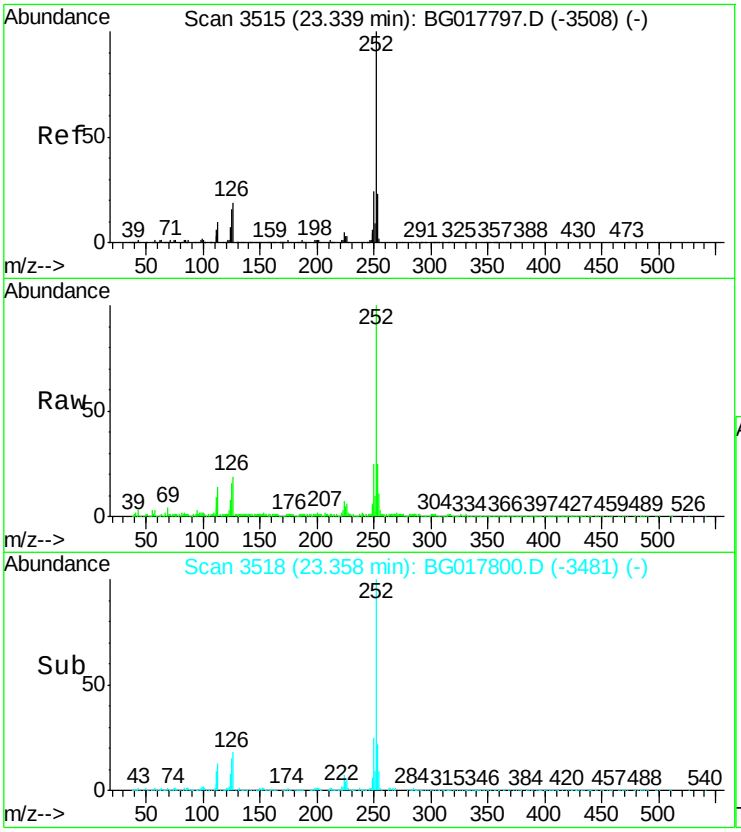


#88
Benzo(k)fluoranthene
Concen: 34.31 ng/ul
RT: 22.79 min Scan# 3421
Delta R.T. -0.02 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Tgt Ion:252 Resp: 866710

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.6	26.4
125	15.5	11.6	17.4



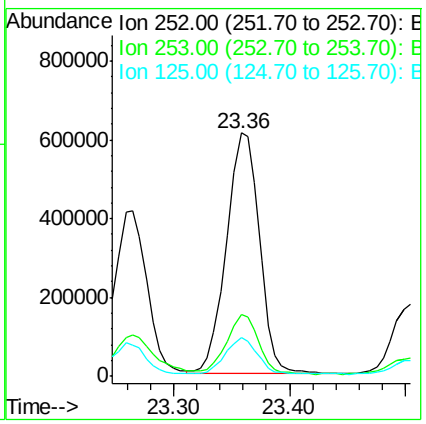


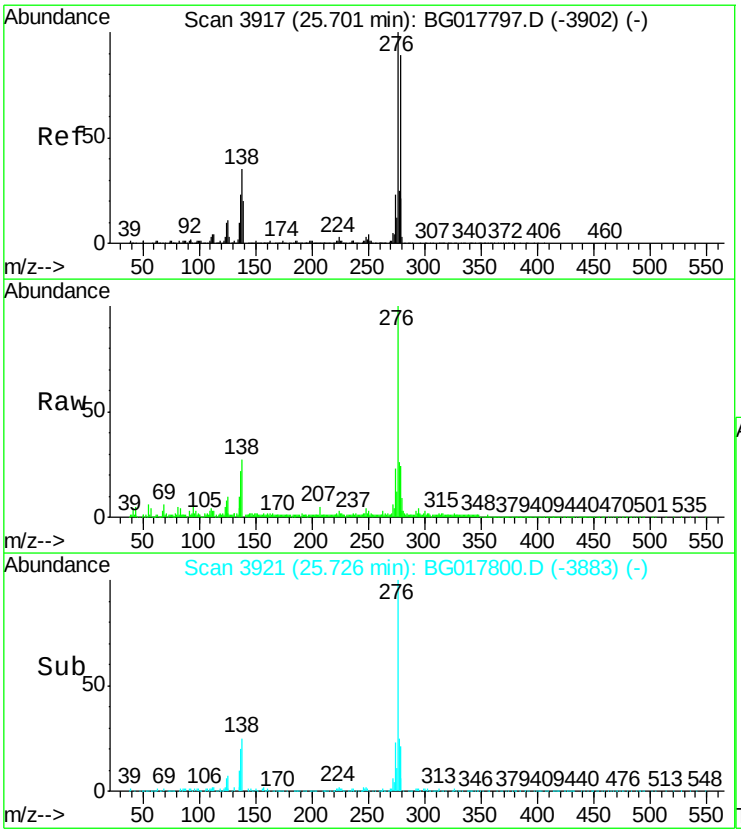
#90
Benzo(a)pyrene
Concen: 47.23 ng/ul
RT: 23.36 min Scan# 3518
Delta R.T. 0.02 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Instrument :
BNA_G
ClientSampleId :
G93K1

Tgt Ion:252 Resp: 1203130

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.3	27.5
125	16.0	12.1	18.1

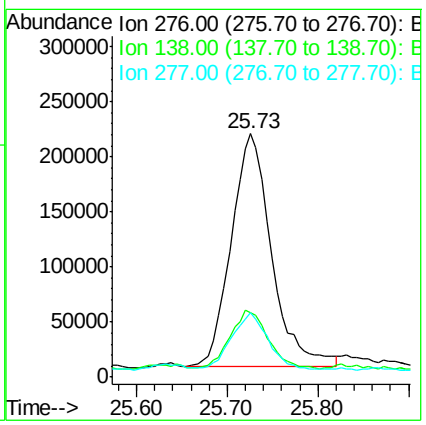


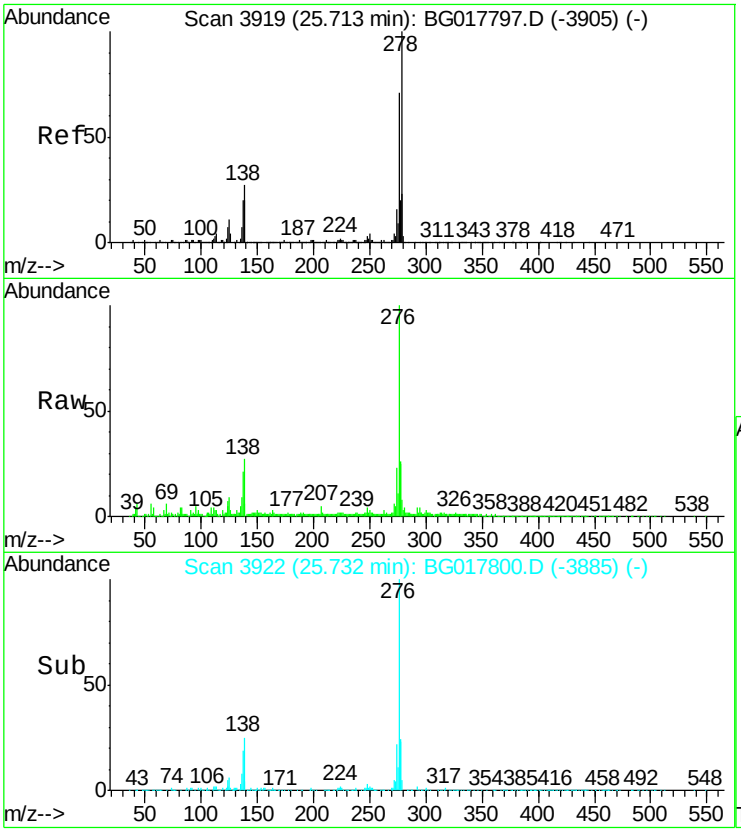


#91
Indeno(1,2,3-cd)pyrene
Concen: 23.55 ng/ul
RT: 25.73 min Scan# 3921
Delta R.T. 0.02 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Tgt Ion:276 Resp: 654899

Ion	Ratio	Lower	Upper
276	100		
138	26.7	26.1	39.1
277	26.2	20.9	31.3



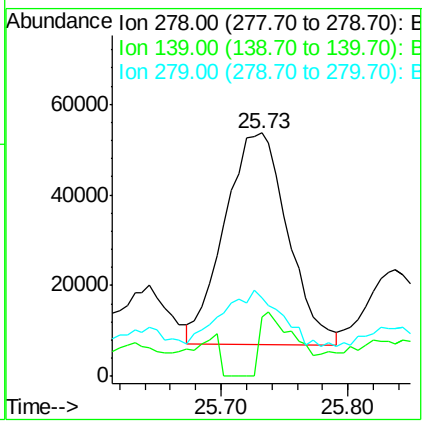


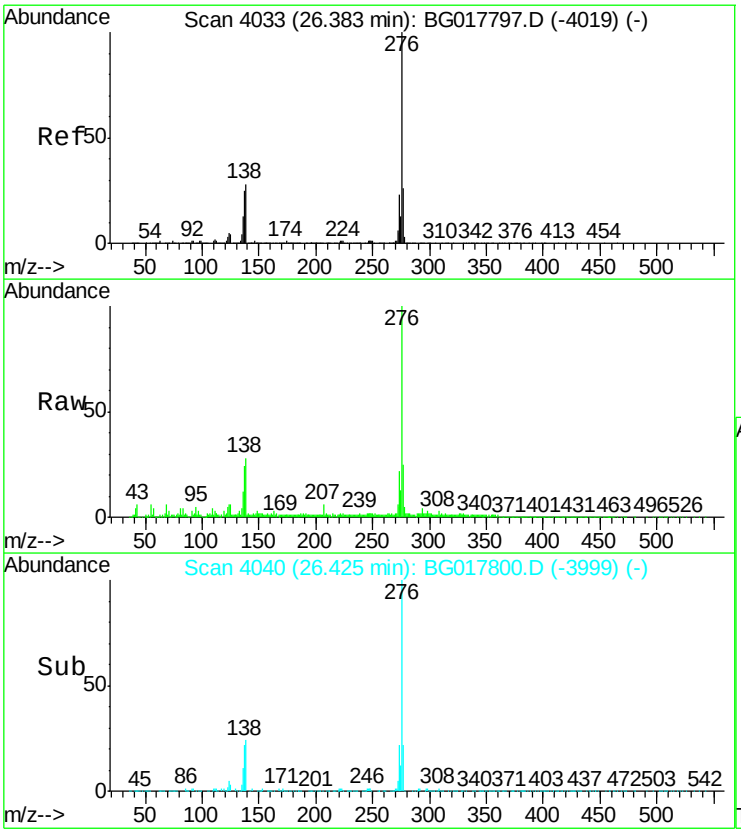
#92
Dibenzo(a,h)anthracene
Concen: 6.86 ng/ul
RT: 25.73 min Scan# 3922
Delta R.T. 0.02 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Instrument :
BNA_G
ClientSampleId :
G93K1

Tgt Ion:278 Resp: 161183

Ion	Ratio	Lower	Upper
278	100		
139	24.1	16.3	24.5
279	32.2	18.7	28.1#





#93
Benzo(g,h,i)perylene
Concen: 29.19 ng/ul
RT: 26.42 min Scan# 4040
Delta R.T. 0.04 min
Lab File: BG017800.D
Acq: 7 Jul 2015 19:26

Tgt Ion:276 Resp: 679160

Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.1	37.7
277	24.9	18.7	28.1