Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017798.D
Acq On : 7 Jul 2015 18:15
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K5

Quant Time: Jul 08 04:57:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 04:54:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	48781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	224465	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	134955	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	250042	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	324678	20.00	ng/ul	0.01
85) Perylene-d12	23.47	264	318616	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	3626	2.94	ng/uL	0.00
5) Phenol-d5	6.78	99	91992	22.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	50378	20.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	73611	20.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	74623	22.15	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	36865	21.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	39289	23.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	68685	21.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	45748	10.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	197239	22.08	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	276641	22.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	29380	16.40	ng/ul	0.00
57) Fluorene-d10	15.26	176	195025	21.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	12455	10.74	ng/ul	0.00
70) Anthracene-d10	17.11	188	274761	24.11	ng/ul	0.00
78) Pyrene-d10	19.42	212	311419	20.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	342540	24.42	ng/ul	0.03
Target Compounds						Qvalue
14) Acetophenone	8.42	105	14776	2.98	ng/ul#	84
28) Naphthalene	10.43	128	259196	22.32	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	139097	16.88	ng/ul	91
40) 1,1'-Biphenyl	13.09	154	40423	4.04	ng/ul#	93
44) Dimethylphthalate	13.72	163	76720	7.73	ng/ul	98
47) Acenaphthylene	13.98	152	266221	20.23	ng/ul	99
49) Acenaphthene	14.32	153	69771	7.87	ng/ul	94
53) Dibenzofuran	14.66	168	87381	7.31	ng/ul	95
54) 2,4-Dinitrotoluene	14.63	165	3057	1.09	ng/ul#	66
58) Fluorene	15.32	166	274911	25.89	ng/ul#	98
60) 4-Nitroaniline	15.32	138	3759	1.44	ng/ul#	52
64) N-Nitrosodiphenylamine	15.40	169	14381	1.89	ng/ul	96
69) Phenanthrene	17.06	178	2476616	181.22	ng/ul#	85
71) Anthracene	17.15	178	500194	35.59	ng/ul	99
74) Carbazole	17.42	167	37744	3.22	ng/ul#	55
76) Fluoranthene	19.09	202	2652782	201.47	ng/ul#	88
79) Pyrene	19.46	202	3768319	190.19	ng/ul#	63
82) Benzo(a)anthracene	21.21	228	1951124	109.06	ng/ul#	75
83) Bis(2-ethylhexyl)phthalate	21.15	149	45185	3.56	ng/ul#	86
84) Chrysene	21.26	228	1988139	117.33	ng/ul#	84
87) Benzo(b)fluoranthene	22.80	252	2337035	128.33	ng/ul#	87
88) Benzo(k)fluoranthene	22.80	252	688775	40.13	ng/ul#	90
90) Benzo(a)pyrene	23.38	252	2126537	122.87	ng/ul	93

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017798.D
Acq On : 7 Jul 2015 18:15
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K5

Quant Time: Jul 08 04:57:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 04:54:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Indeno(1,2,3-cd)pyrene	25.75	276	1069065	56.57	ng/ul	96
92) Dibenzo(a,h)anthracene	25.75	278	265348	16.63	ng/ul#	77
93) Benzo(g,h,i)perylene	26.45	276	1172843	74.20	ng/ul	96

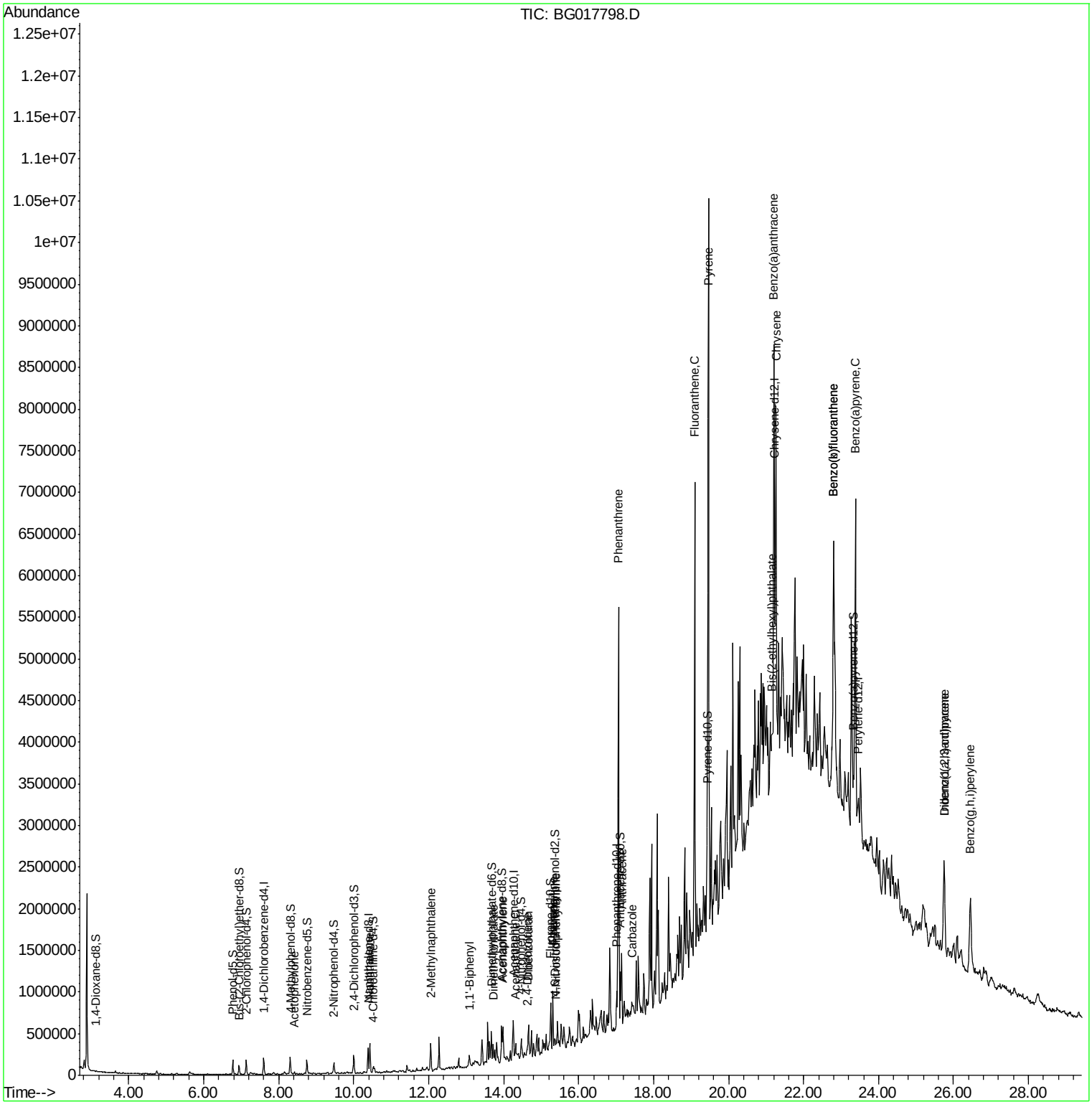
(#) = qualifier out of range (m) = manual integration (+) = signals summed

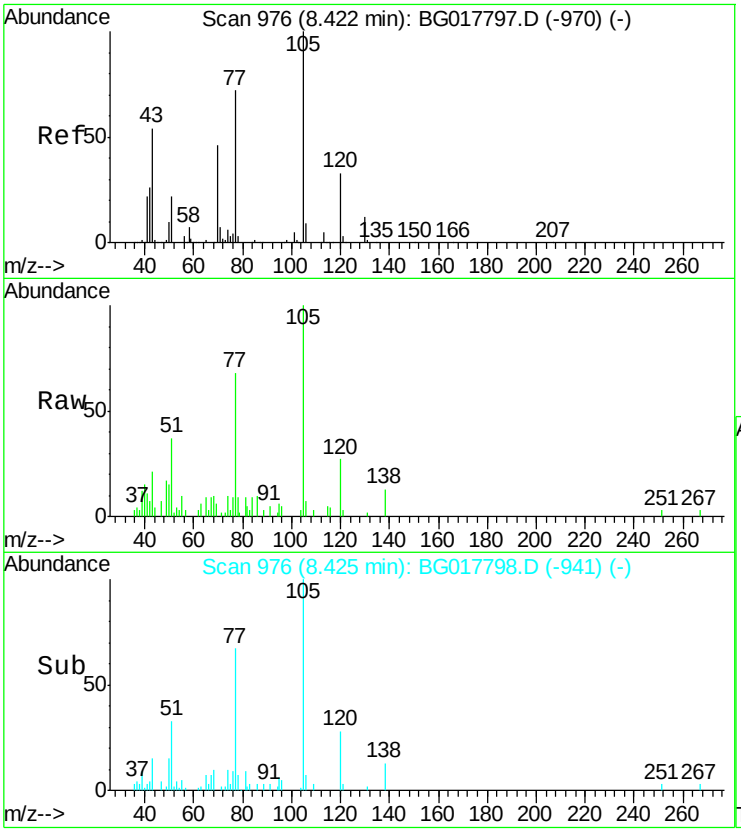
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017798.D
Acq On : 7 Jul 2015 18:15
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K5

Quant Time: Jul 08 04:57:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 04:54:17 2015
Response via : Initial Calibration



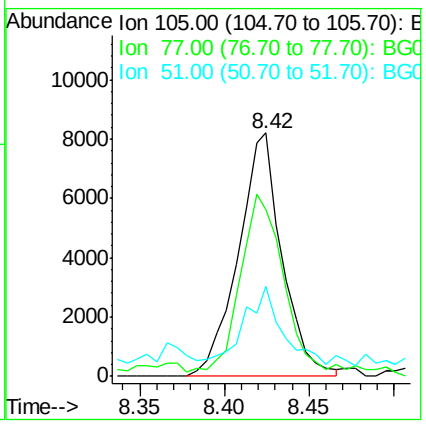


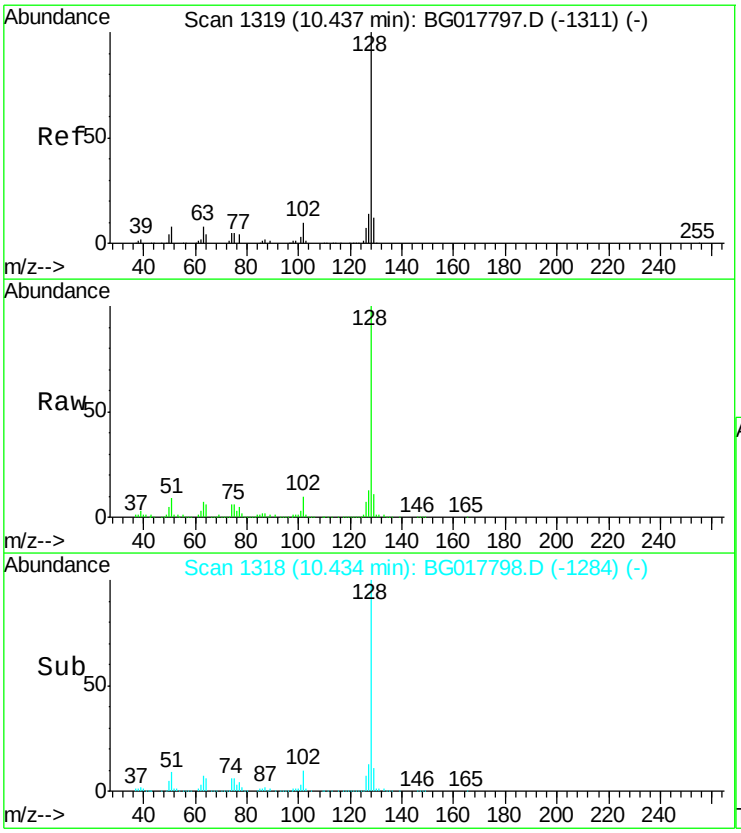
#14
Acetophenone
Concen: 2.98 ng/ul
RT: 8.42 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Instrument :
BNA_G
ClientSampleId :
G93K5

Tgt Ion:105 Resp: 14776

Ion	Ratio	Lower	Upper
105	100		
77	68.3	69.5	104.3#
51	36.9	26.7	40.1

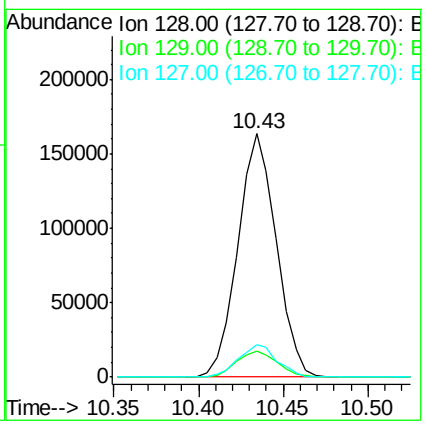


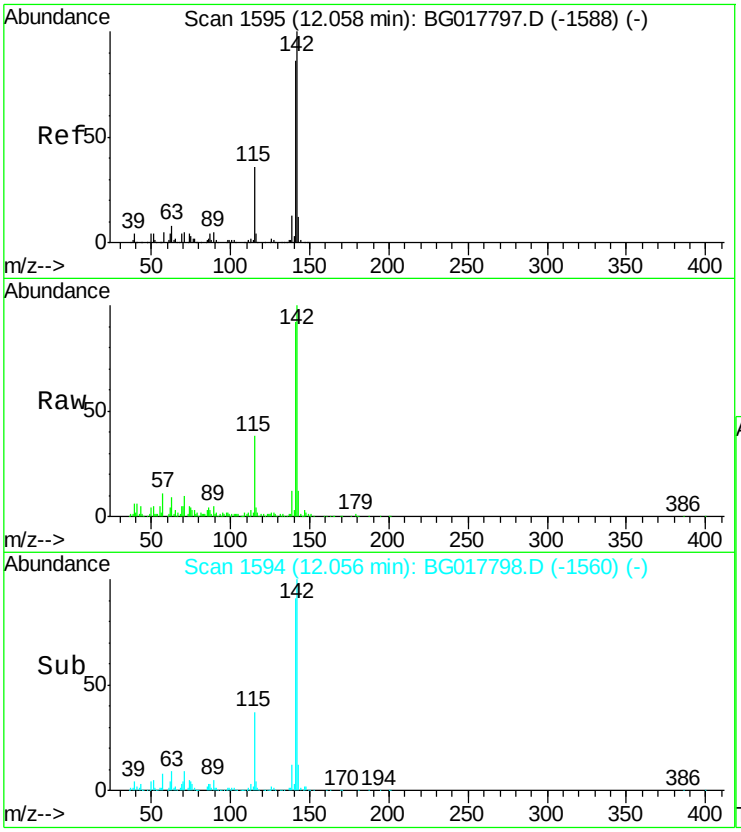


#28
Naphthalene
Concen: 22.32 ng/ul
RT: 10.43 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Tgt Ion:128 Resp: 259196

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.1	11.0	16.6



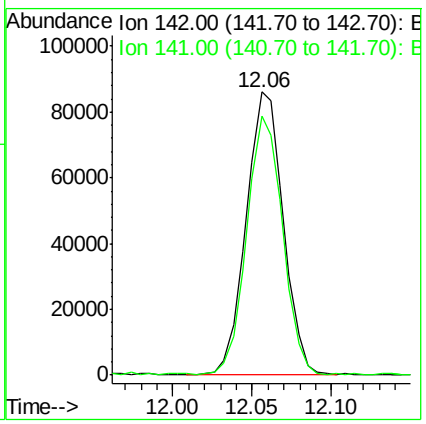


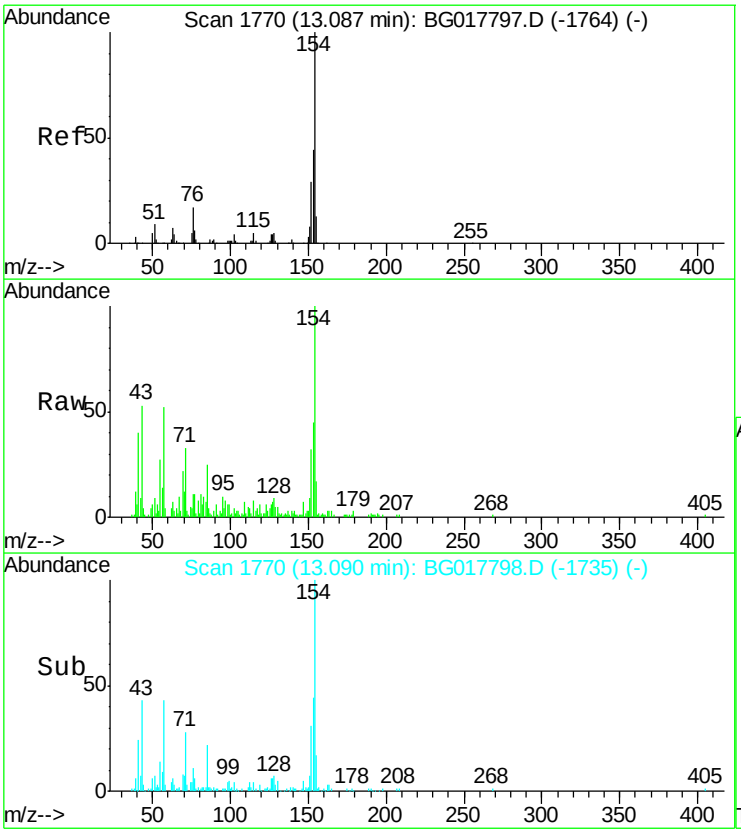
#34
2-Methylnaphthalene
Concen: 16.88 ng/ul
RT: 12.06 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Instrument :
BNA_G
ClientSampleId :
G93K5

Tgt Ion:142 Resp: 139097

Ion	Ratio	Lower	Upper
142	100		
141	91.6	66.6	100.0

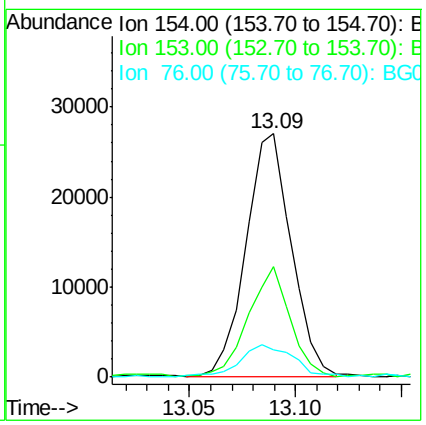


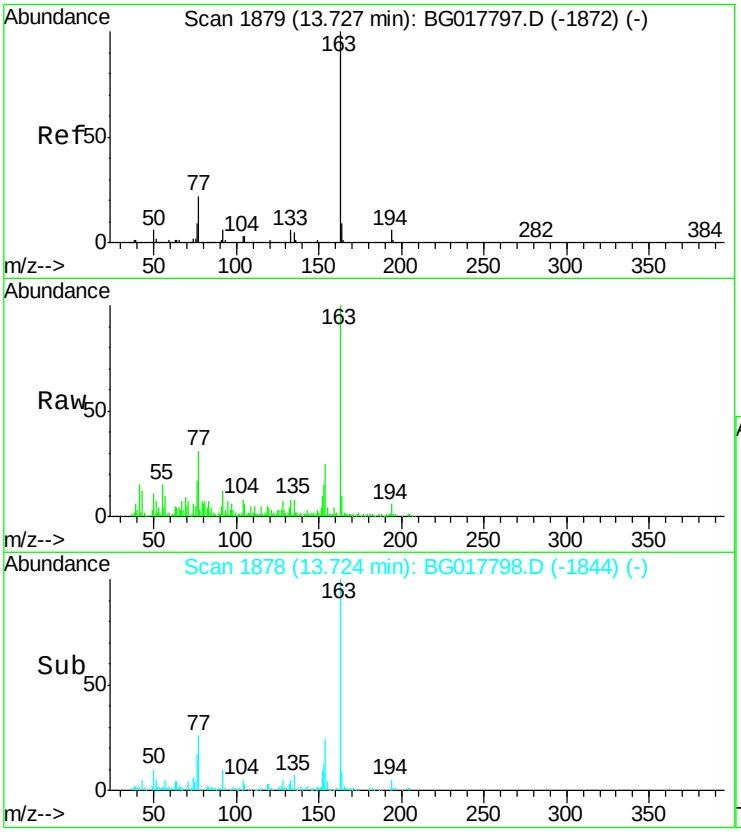


#40
1,1'-Biphenyl
Concen: 4.04 ng/ul
RT: 13.09 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Tgt Ion:154 Resp: 40423

Ion	Ratio	Lower	Upper
154	100		
153	45.2	33.3	49.9
76	11.0	12.4	18.6#



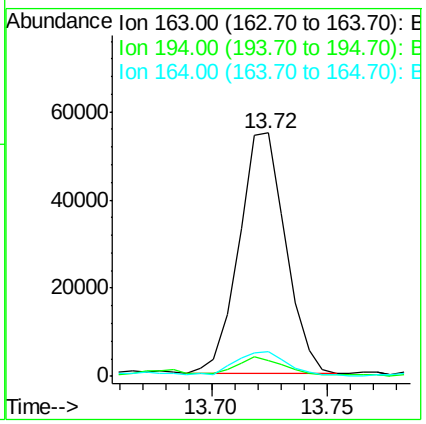


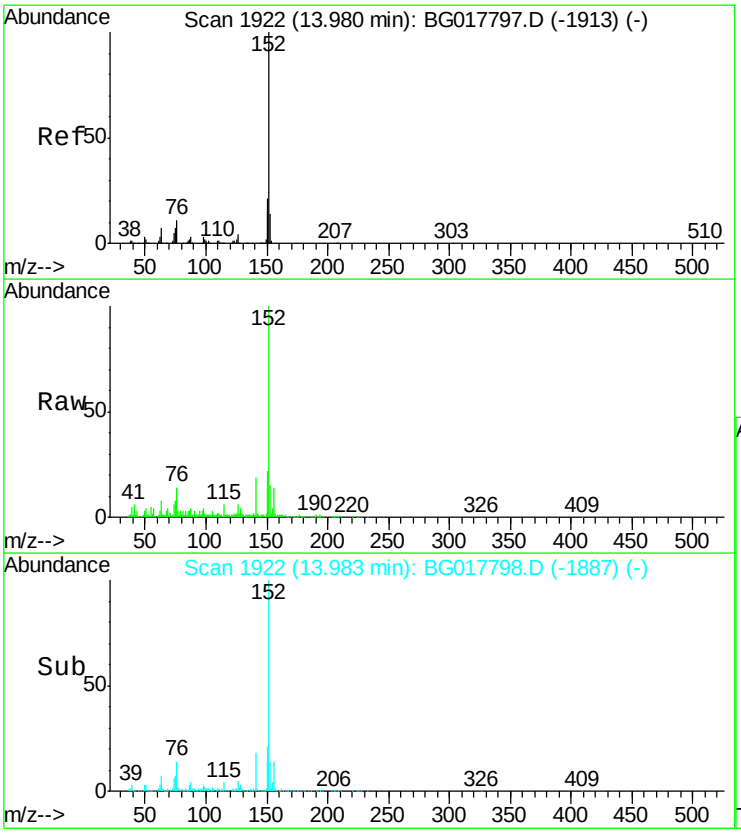
#44
Dimethylphthalate
Concen: 7.73 ng/ul
RT: 13.72 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Instrument :
BNA_G
ClientSampleId :
G93K5

Tgt Ion:163 Resp: 76720

Ion	Ratio	Lower	Upper
163	100		
194	6.3	5.4	8.0
164	10.3	7.7	11.5

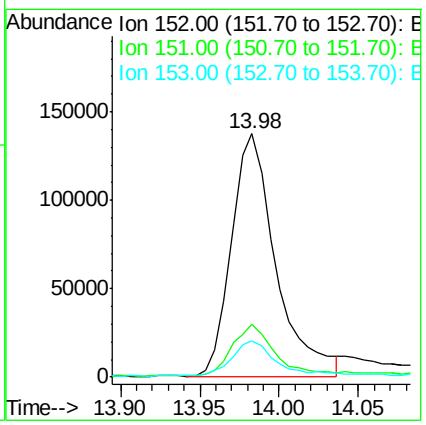


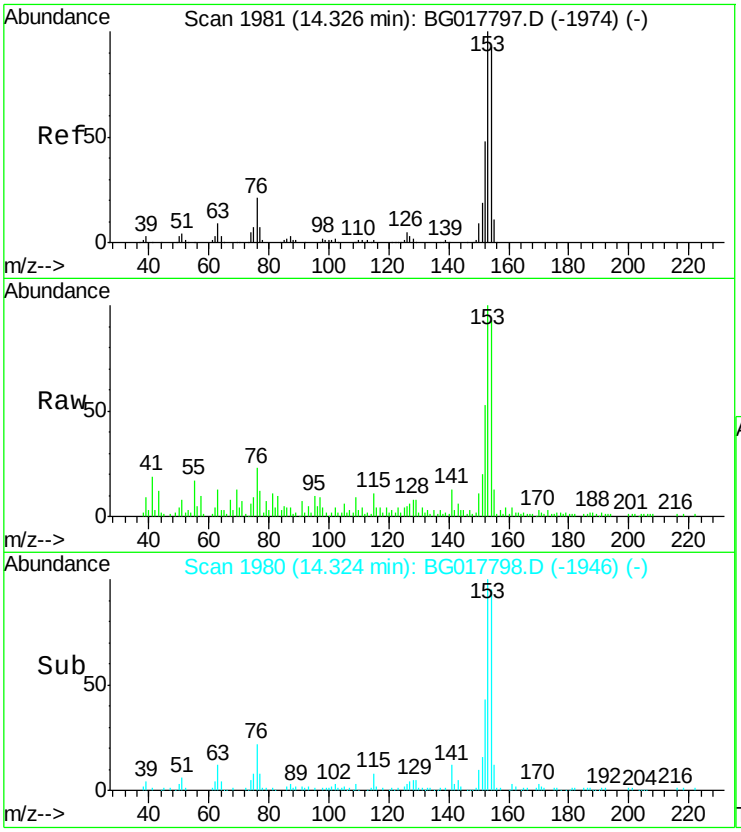


#47
Acenaphthylene
Concen: 20.23 ng/ul
RT: 13.98 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Tgt Ion:152 Resp: 266221

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.0	25.6
153	14.6	11.2	16.8



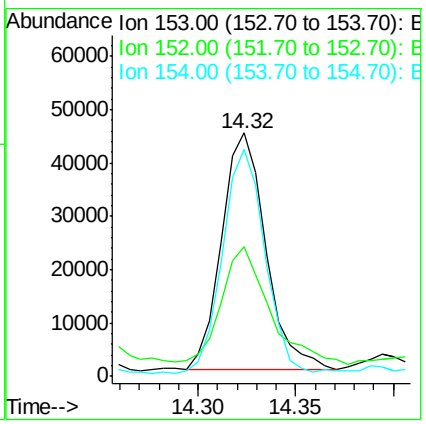


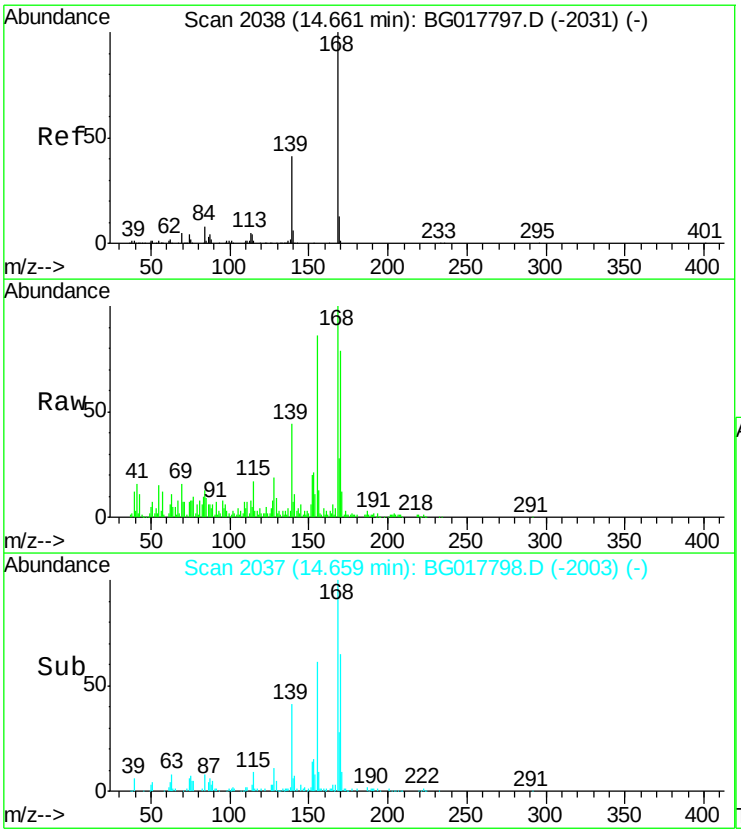
#49
Acenaphthene
Concen: 7.87 ng/ul
RT: 14.32 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Instrument :
BNA_G
ClientSampleId :
G93K5

Tgt Ion:153 Resp: 69771

Ion	Ratio	Lower	Upper
153	100		
152	53.1	37.8	56.6
154	93.3	71.2	106.8

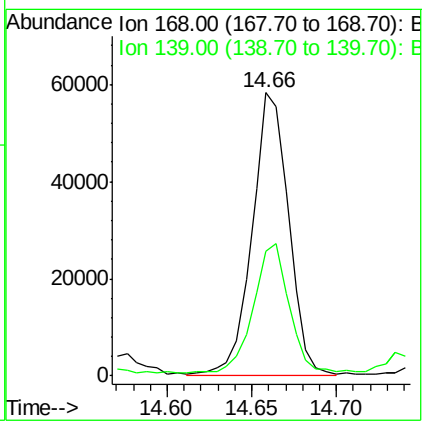


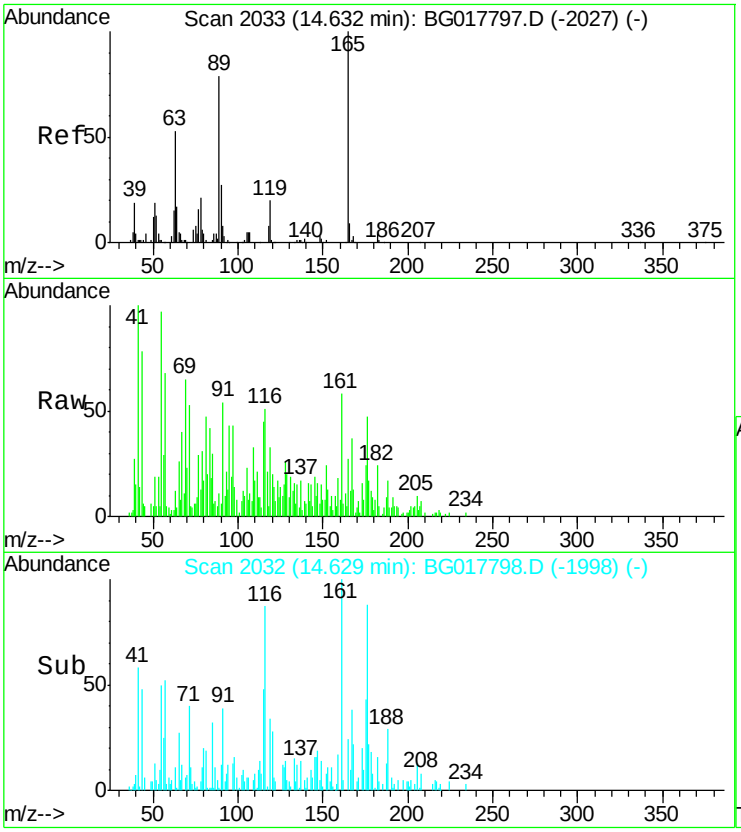


#53
Dibenzofuran
Concen: 7.31 ng/ul
RT: 14.66 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Tgt Ion:168 Resp: 87381

Ion	Ratio	Lower	Upper
168	100		
139	44.2	32.7	49.1



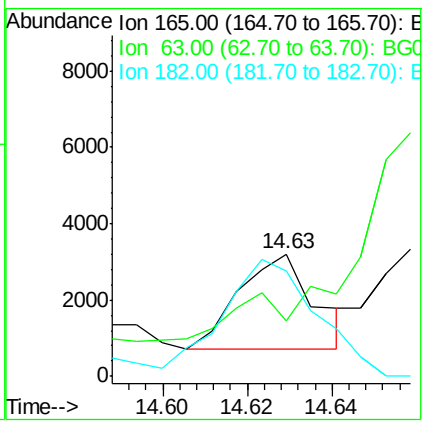


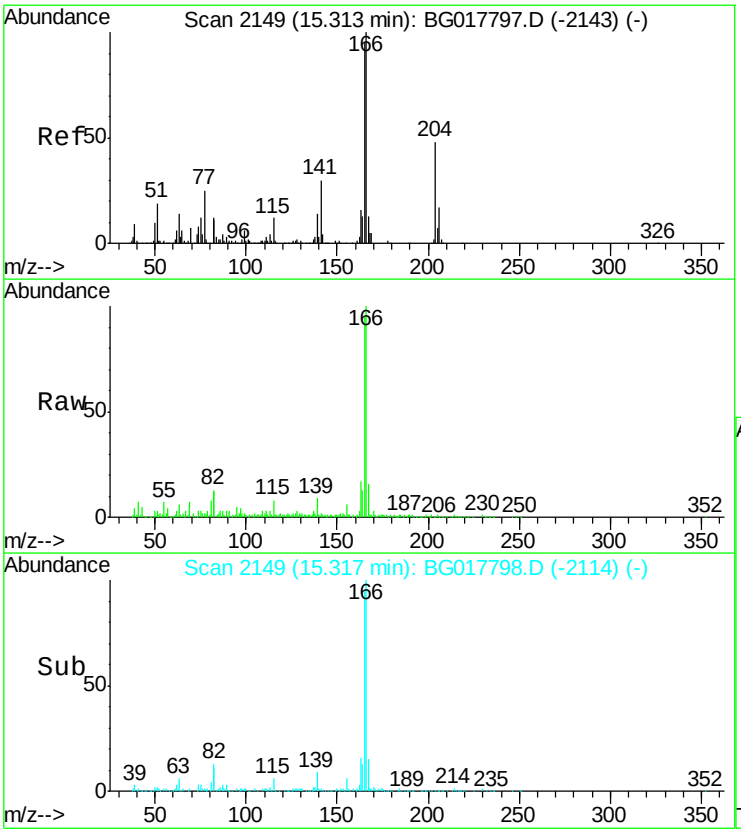
#54
2,4-Dinitrotoluene
Concen: 1.09 ng/ul
RT: 14.63 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Instrument :
BNA_G
ClientSampleId :
G93K5

Tgt Ion:165 Resp: 3057

Ion	Ratio	Lower	Upper
165	100		
63	45.0	42.6	63.8
182	86.1	4.8	7.2#

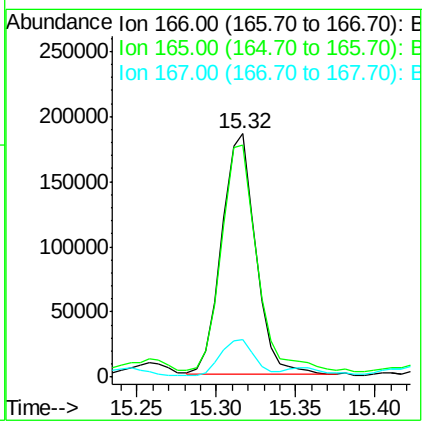


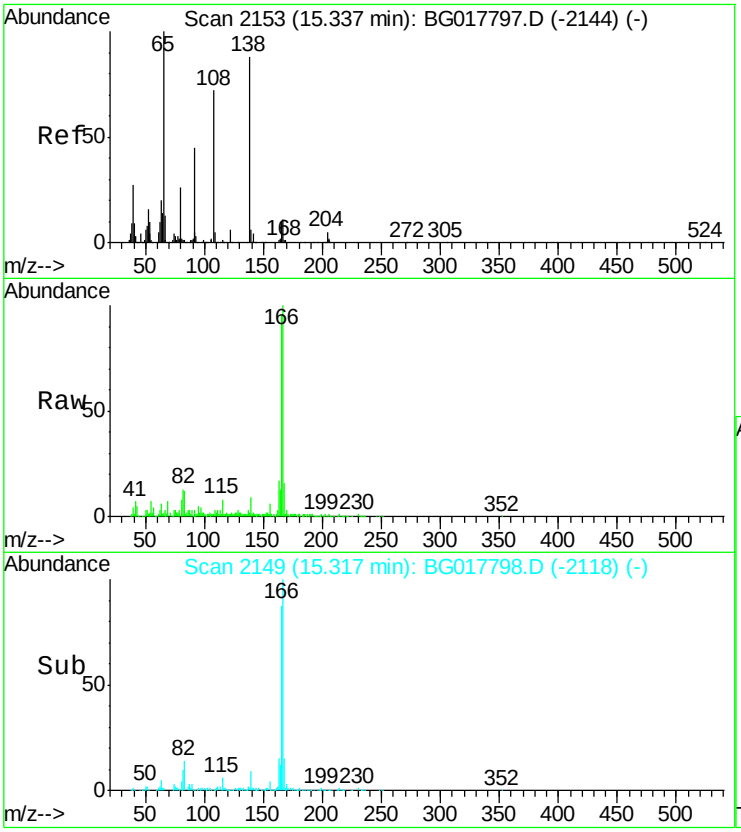


#58
Fluorene
Concen: 25.89 ng/ul
RT: 15.32 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Tgt Ion:166 Resp: 274911

Ion	Ratio	Lower	Upper
166	100		
165	95.4	75.7	113.5
167	15.5	10.1	15.1#



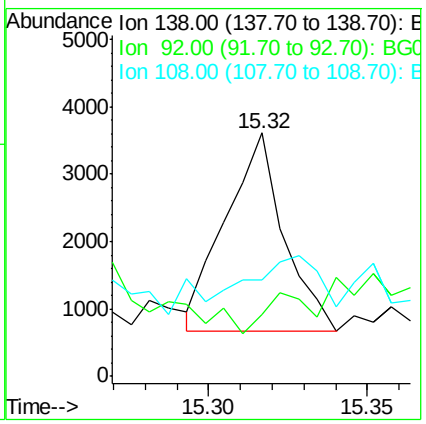


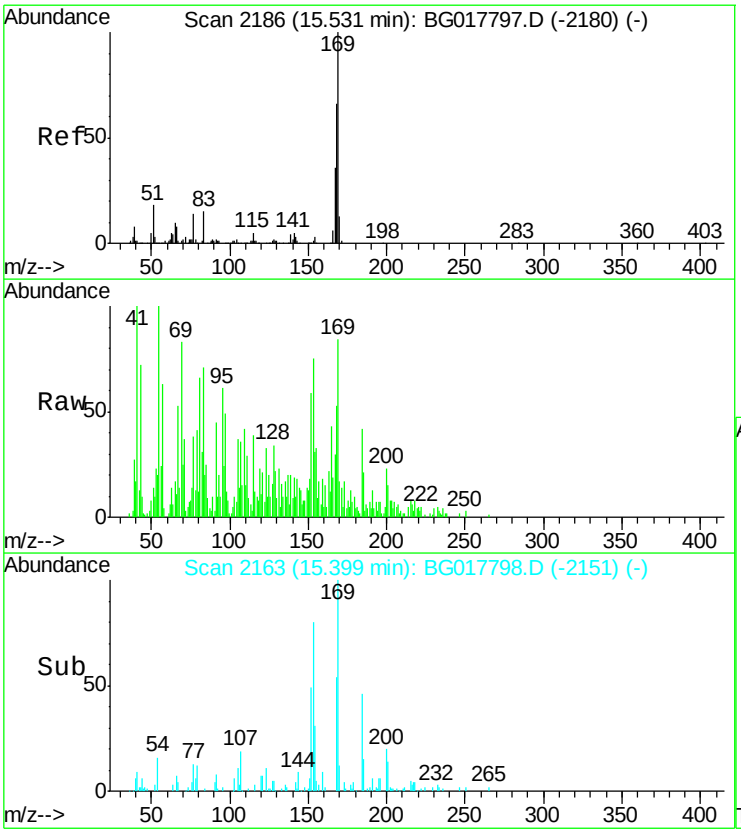
#60
4-Nitroaniline
Concen: 1.44 ng/ul
RT: 15.32 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Instrument :
BNA_G
ClientSampleId :
G93K5

Tgt Ion:138 Resp: 3759

Ion	Ratio	Lower	Upper
138	100		
92	25.3	43.4	65.0#
108	39.6	70.8	106.2#

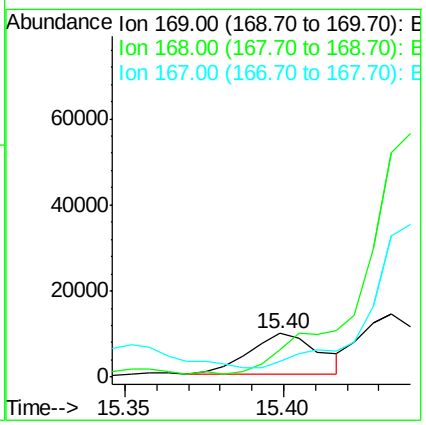


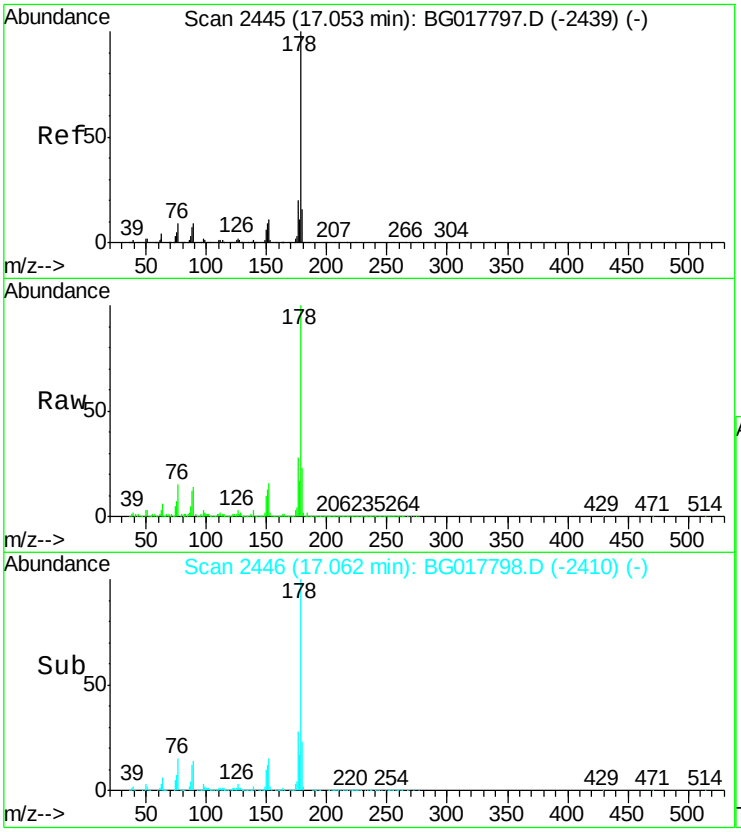


#64
N-Nitrosodiphenylamine
Concen: 1.89 ng/ul
RT: 15.40 min Scan# 2163
Delta R.T. -0.13 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Tgt Ion:169 Resp: 14381

Ion	Ratio	Lower	Upper
169	100		
168	63.5	54.3	81.5
167	36.2	28.1	42.1



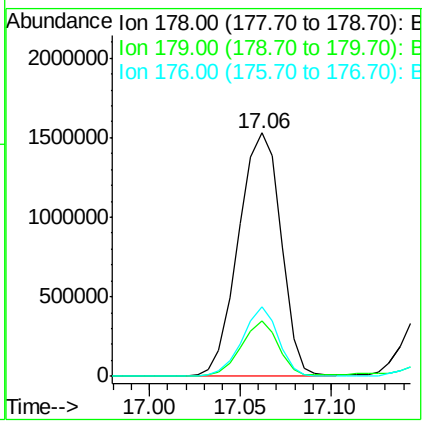


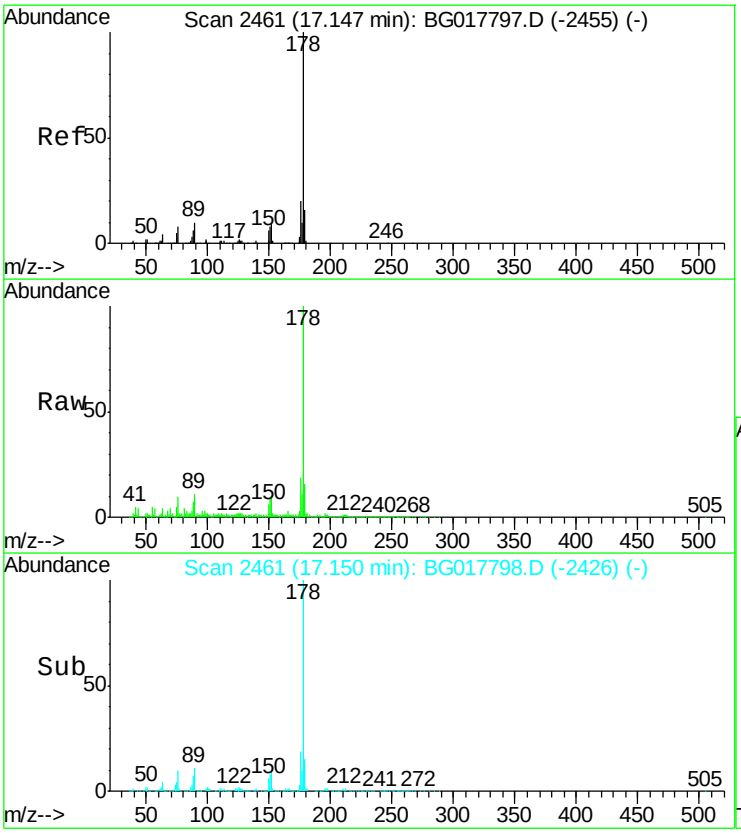
#69
Phenanthrene
Concen: 181.22 ng/ul
RT: 17.06 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Instrument :
BNA_G
ClientSampleId :
G93K5

Tgt Ion:178 Resp: 2476616

Ion	Ratio	Lower	Upper
178	100		
179	22.9	13.0	19.4#
176	28.3	17.0	25.4#

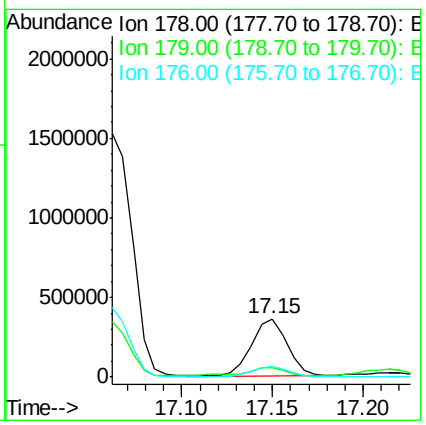


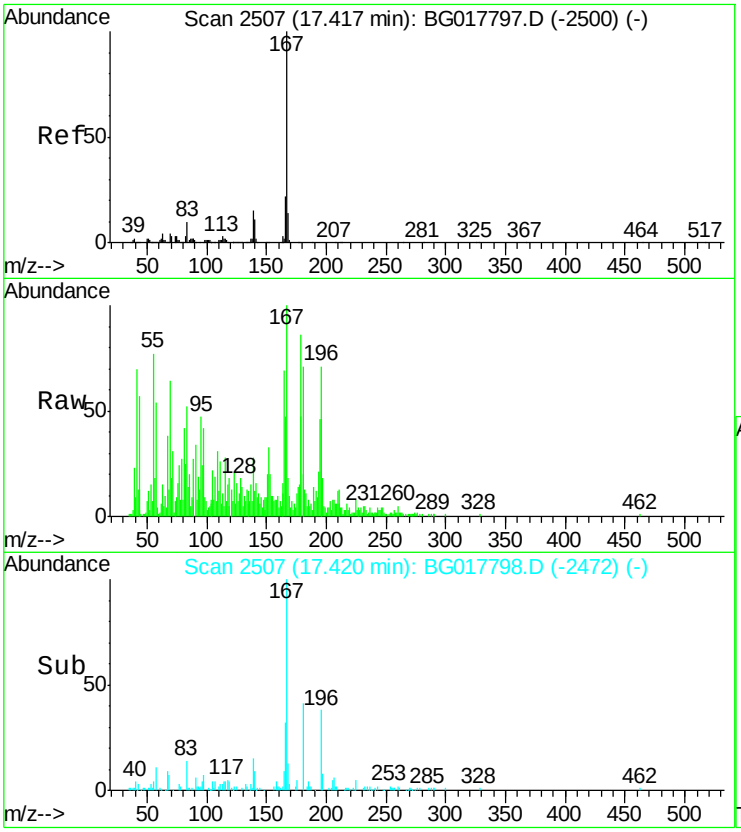


#71
Anthracene
Concen: 35.59 ng/ul
RT: 17.15 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Tgt Ion:178 Resp: 500194

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	18.8	15.3	22.9



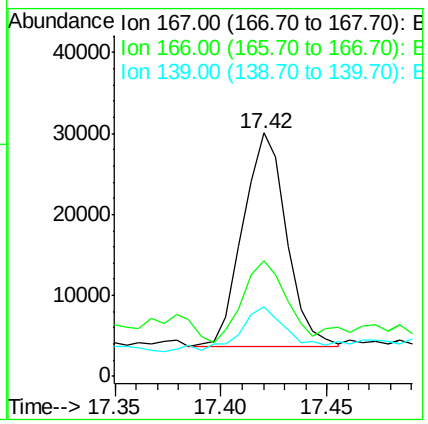


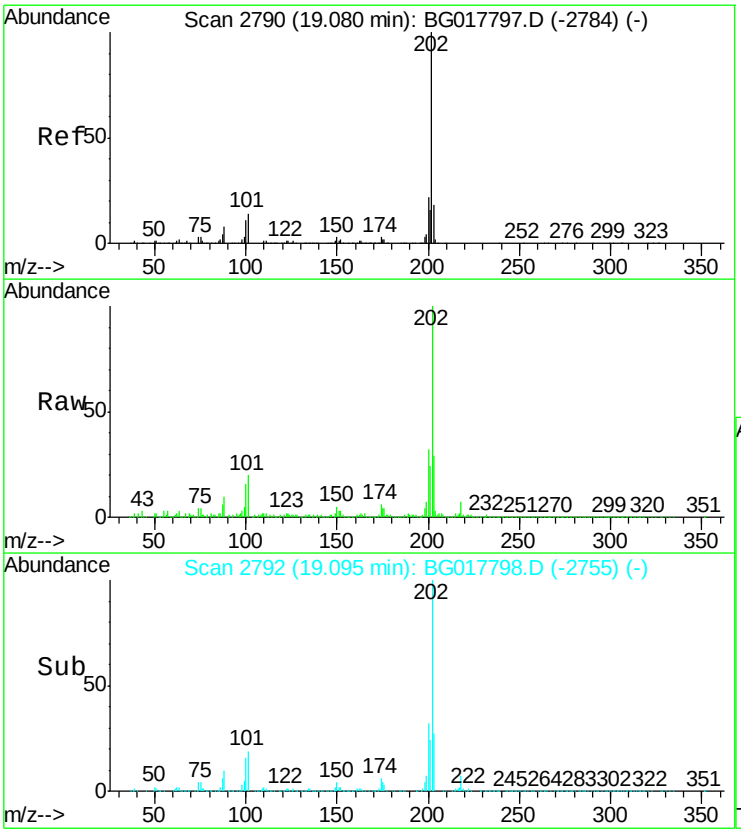
#74
Carbazole
Concen: 3.22 ng/ul
RT: 17.42 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Instrument :
BNA_G
ClientSampleId :
G93K5

Tgt Ion:167 Resp: 37744

Ion	Ratio	Lower	Upper
167	100		
166	47.2	18.0	27.0#
139	28.4	11.4	17.0#

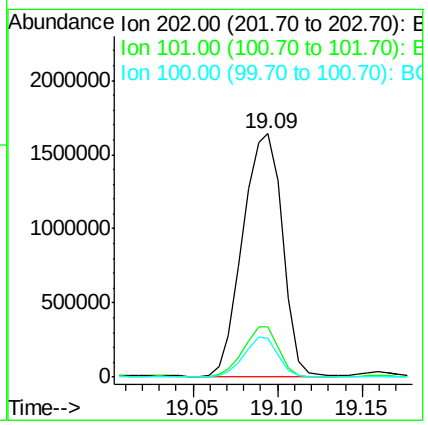


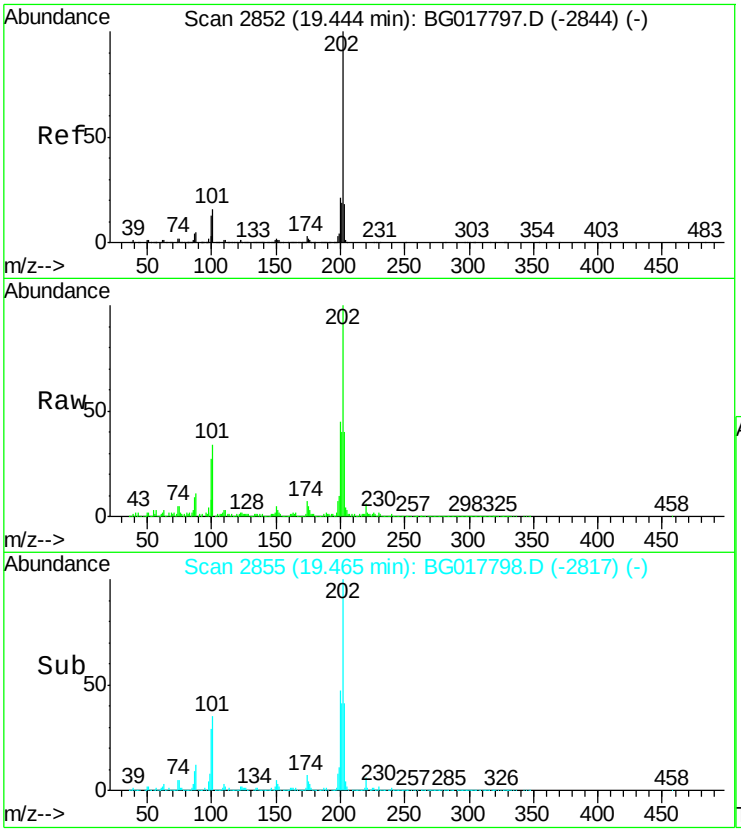


#76
Fluoranthene
Concen: 201.47 ng/ul
RT: 19.09 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Tgt Ion:202 Resp: 2652782

Ion	Ratio	Lower	Upper
202	100		
101	20.5	12.6	18.8#
100	15.9	9.1	13.7#



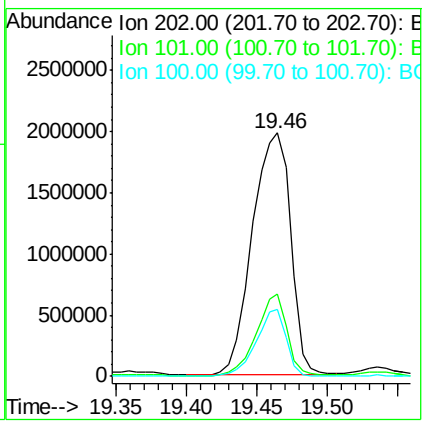


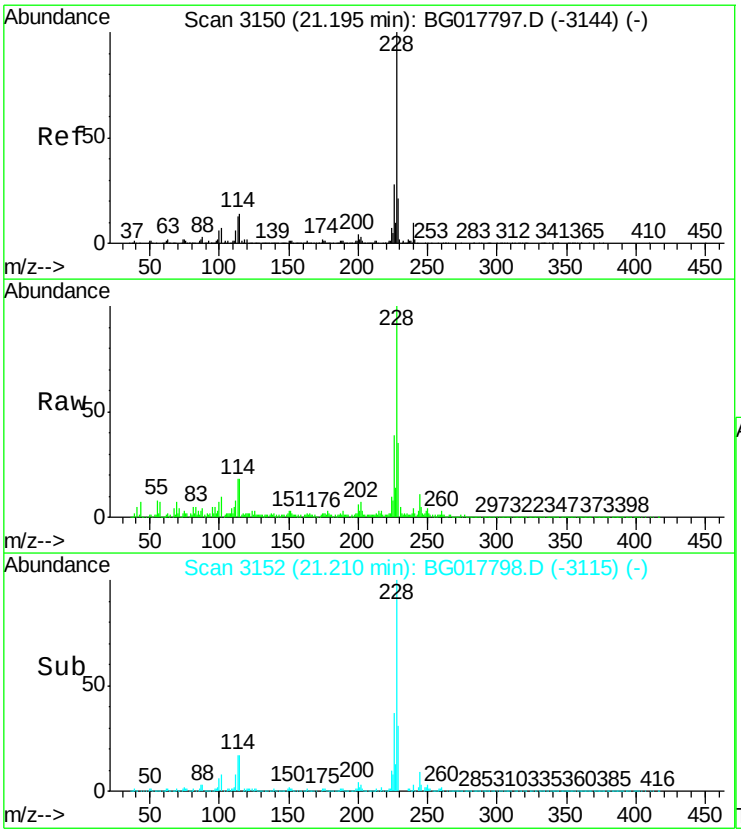
#79
Pyrene
Concen: 190.19 ng/ul
RT: 19.46 min Scan# 2855
Delta R.T. 0.02 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Instrument :
BNA_G
ClientSampleId :
G93K5

Tgt Ion:202 Resp: 3768319

Ion	Ratio	Lower	Upper
202	100		
101	33.7	13.1	19.7#
100	27.4	11.3	16.9#

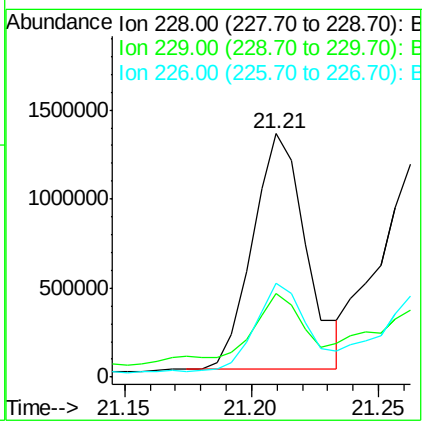


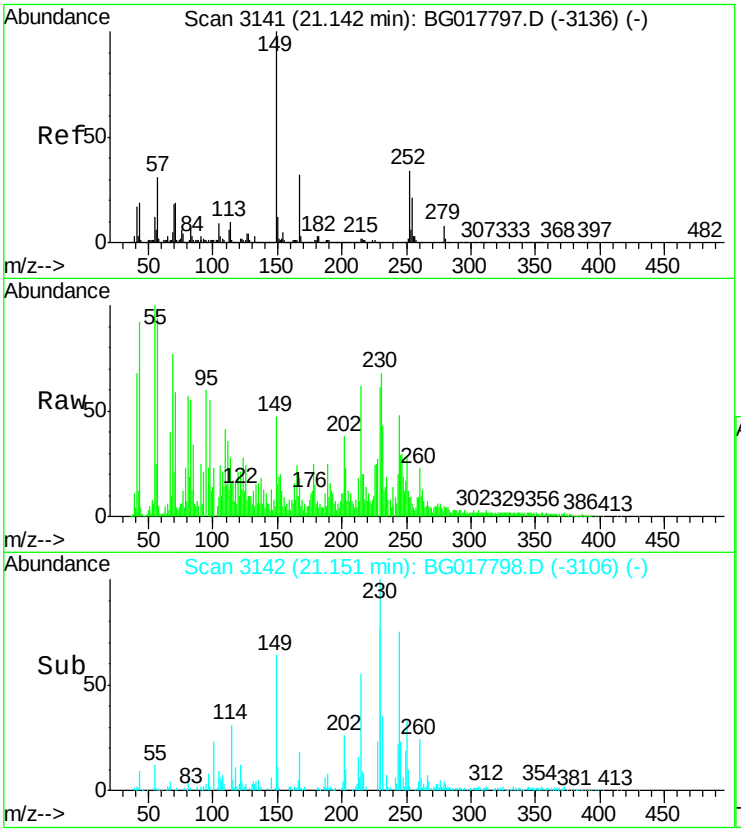


#82
Benzo(a)anthracene
Concen: 109.06 ng/ul
RT: 21.21 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Tgt Ion:228 Resp: 1951124

Ion	Ratio	Lower	Upper
228	100		
229	34.5	15.8	23.8#
226	38.5	22.2	33.2#



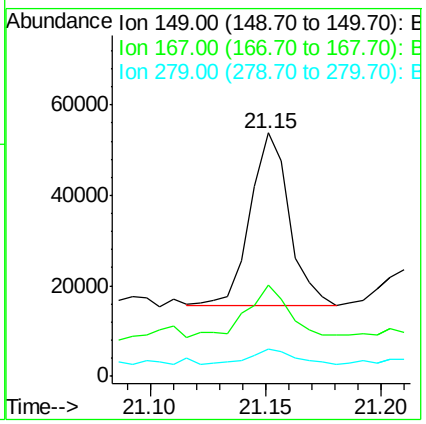


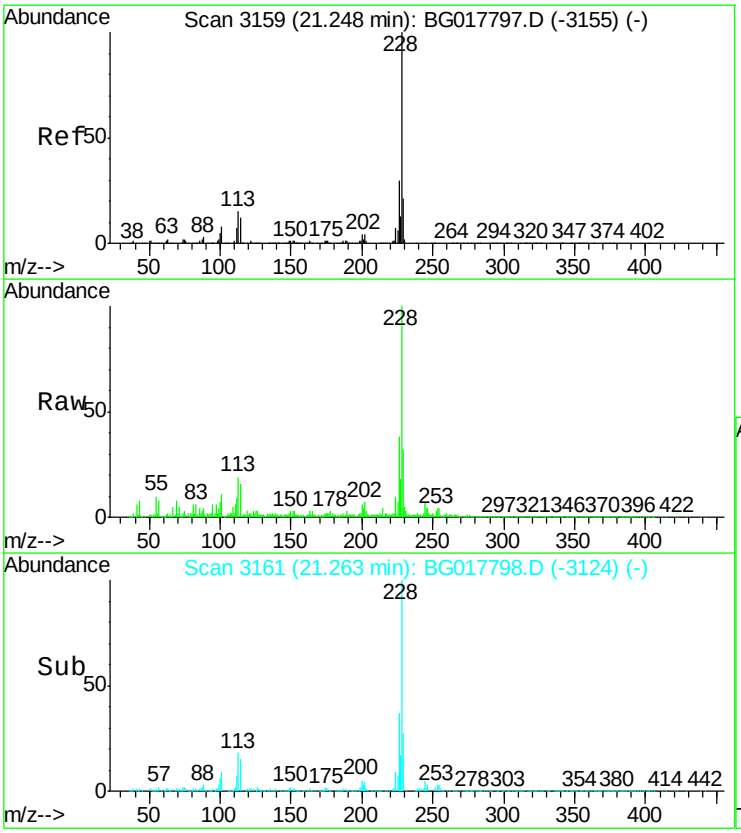
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.56 ng/ul
RT: 21.15 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Instrument :
BNA_G
ClientSampleId :
G93K5

Tgt Ion:149 Resp: 45185

Ion	Ratio	Lower	Upper
149	100		
167	37.4	23.7	35.5#
279	11.1	5.8	8.8#

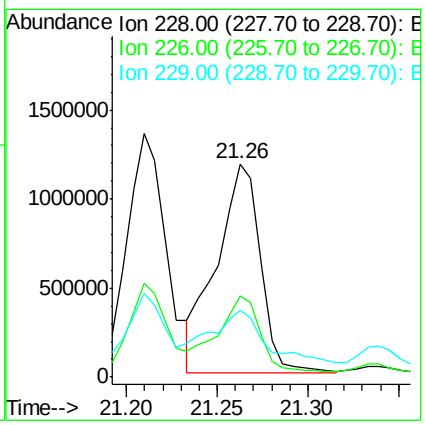


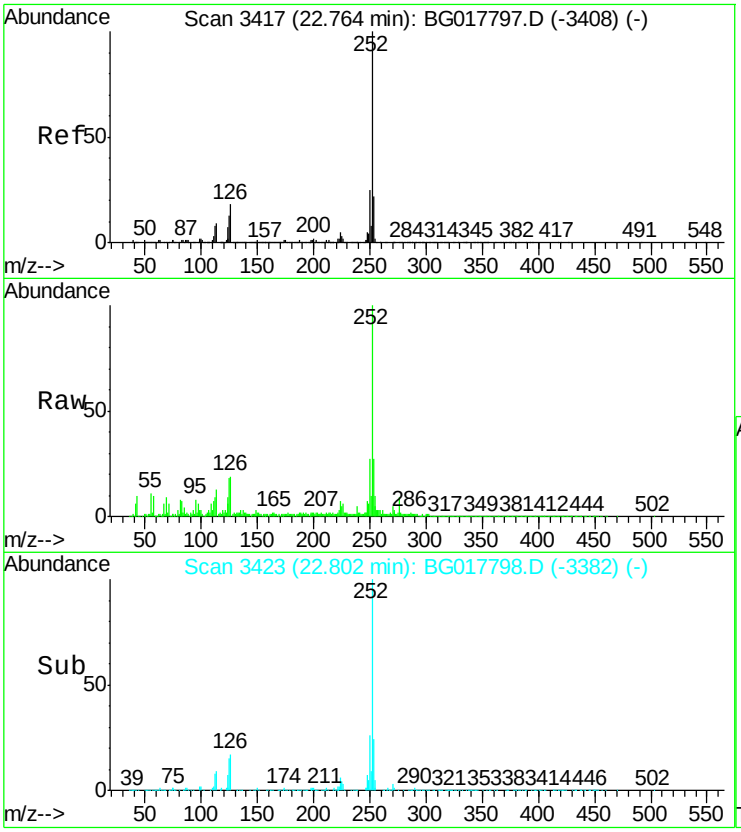


#84
Chrysene
Concen: 117.33 ng/ul
RT: 21.26 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Tgt Ion:228 Resp: 1988139

Ion	Ratio	Lower	Upper
228	100		
226	37.8	25.6	38.4
229	31.6	16.4	24.6#



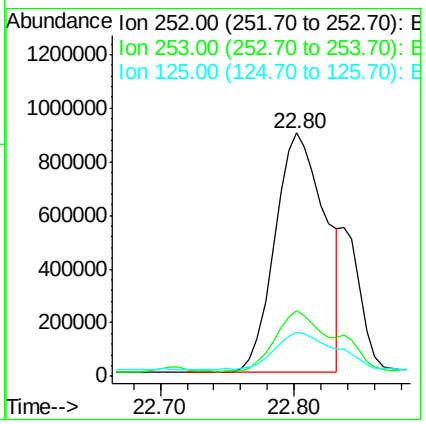


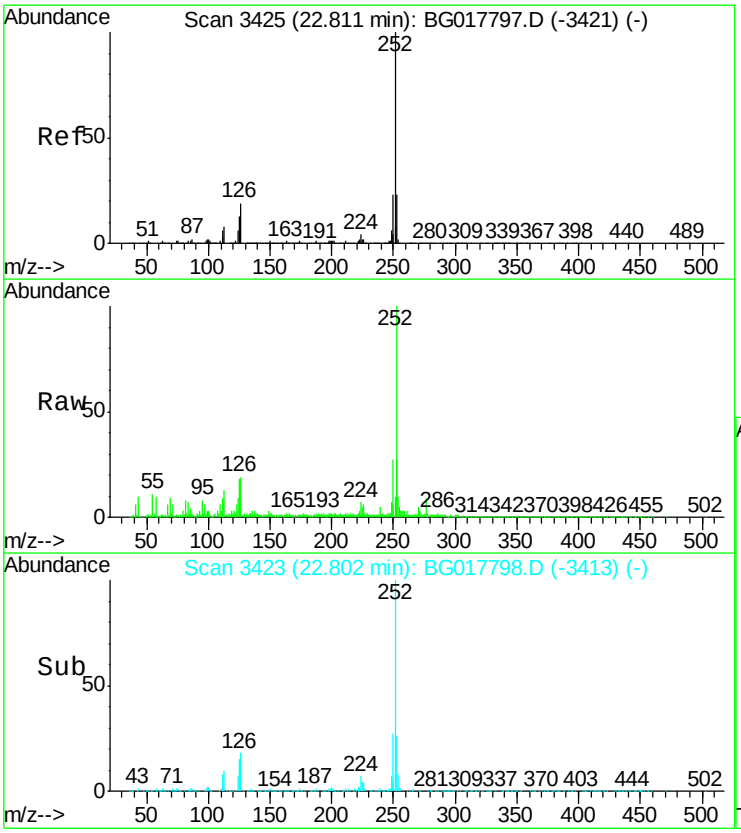
#87
Benzo(b)fluoranthene
Concen: 128.33 ng/ul
RT: 22.80 min Scan# 3423
Delta R.T. 0.04 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Instrument :
BNA_G
ClientSampleId :
G93K5

Tgt Ion:252 Resp: 2337035

Ion	Ratio	Lower	Upper
252	100		
253	27.1	16.8	25.2#
125	18.0	10.4	15.6#

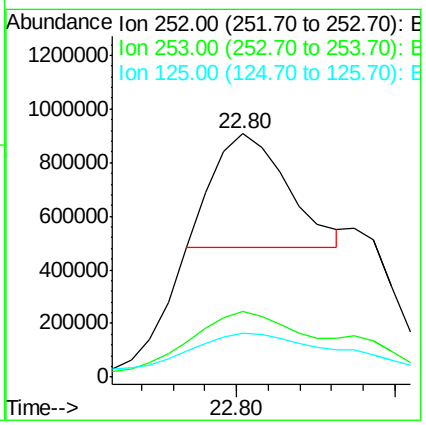


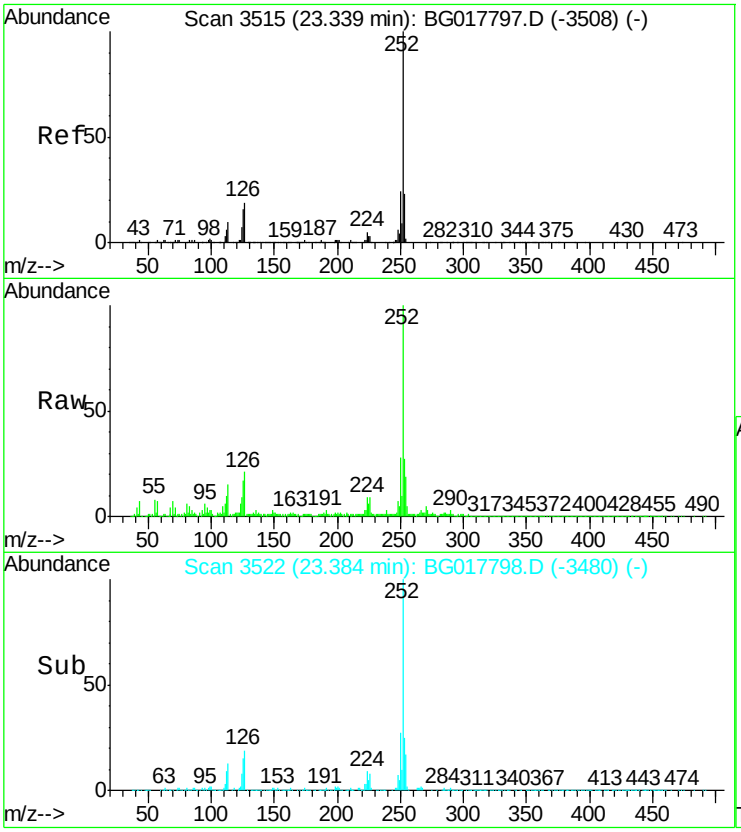


#88
Benzo(k)fluoranthene
Concen: 40.13 ng/ul
RT: 22.80 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Tgt Ion:252 Resp: 688775

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.6	26.4#
125	18.0	11.6	17.4#



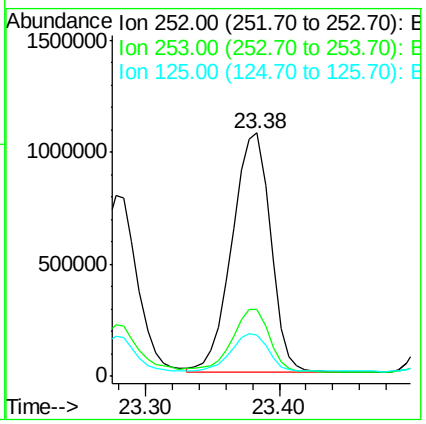


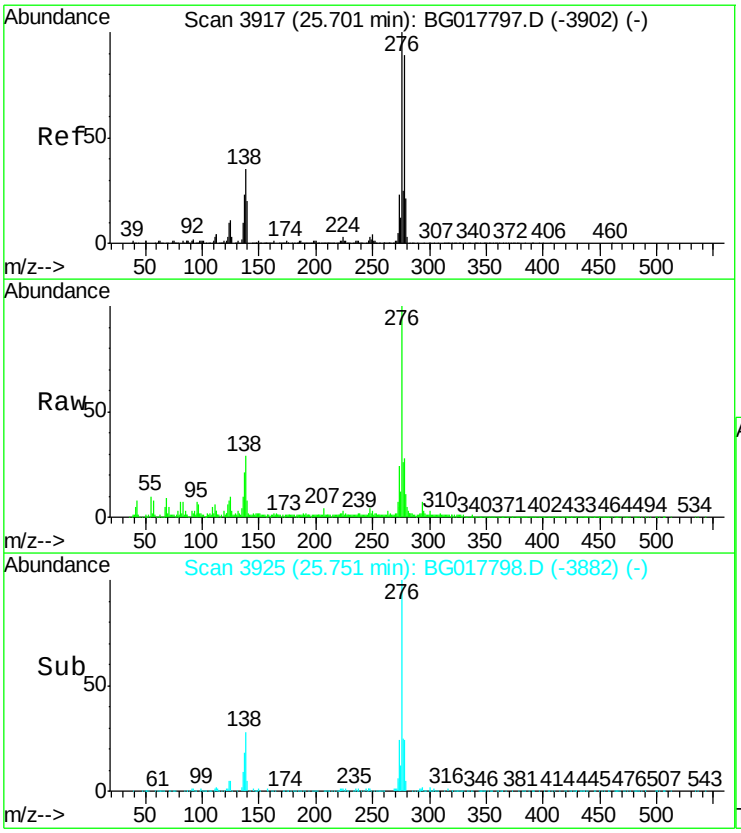
#90
Benzo(a)pyrene
Concen: 122.87 ng/ul
RT: 23.38 min Scan# 3522
Delta R.T. 0.04 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Instrument :
BNA_G
ClientSampleId :
G93K5

Tgt Ion:252 Resp: 2126537

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.3	27.5
125	16.9	12.1	18.1

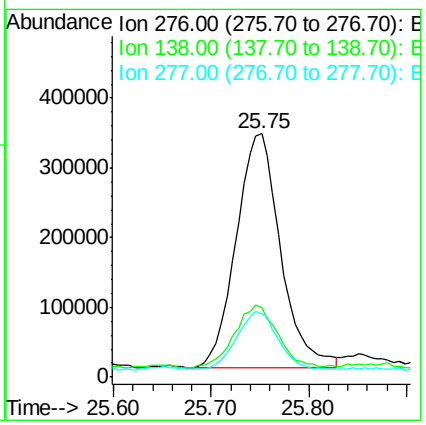


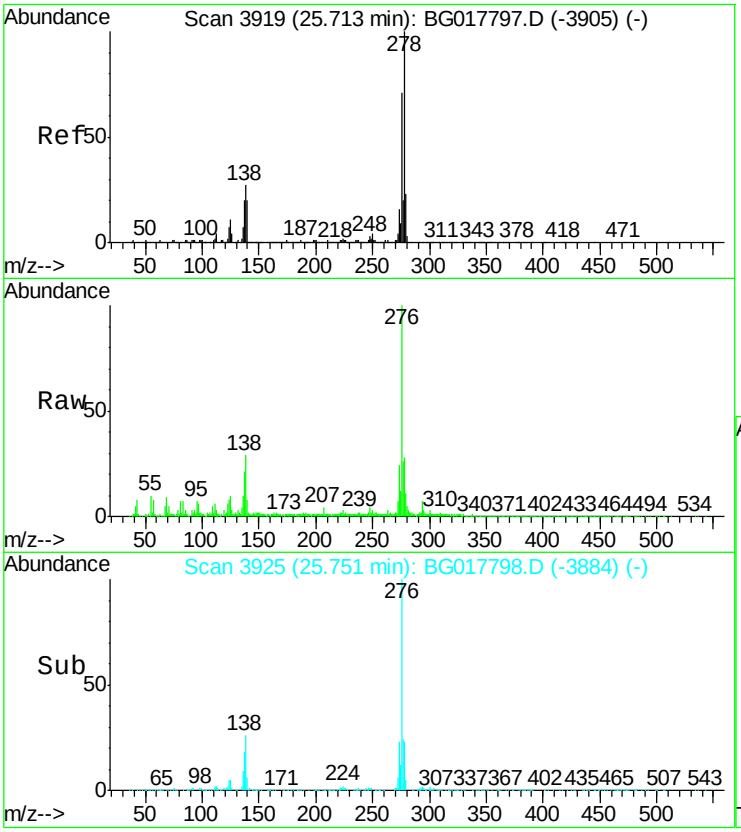


#91
Indeno(1,2,3-cd)pyrene
Concen: 56.57 ng/ul
RT: 25.75 min Scan# 3925
Delta R.T. 0.05 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Tgt Ion:276 Resp: 1069065

Ion	Ratio	Lower	Upper
276	100		
138	28.5	26.1	39.1
277	25.7	20.9	31.3



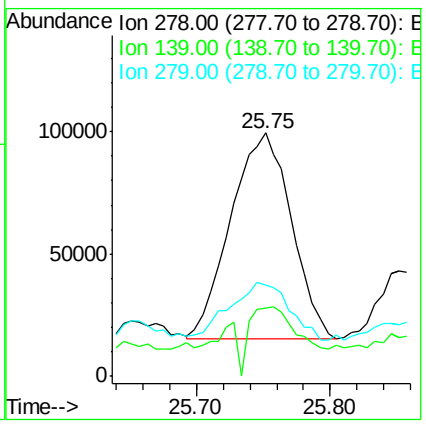


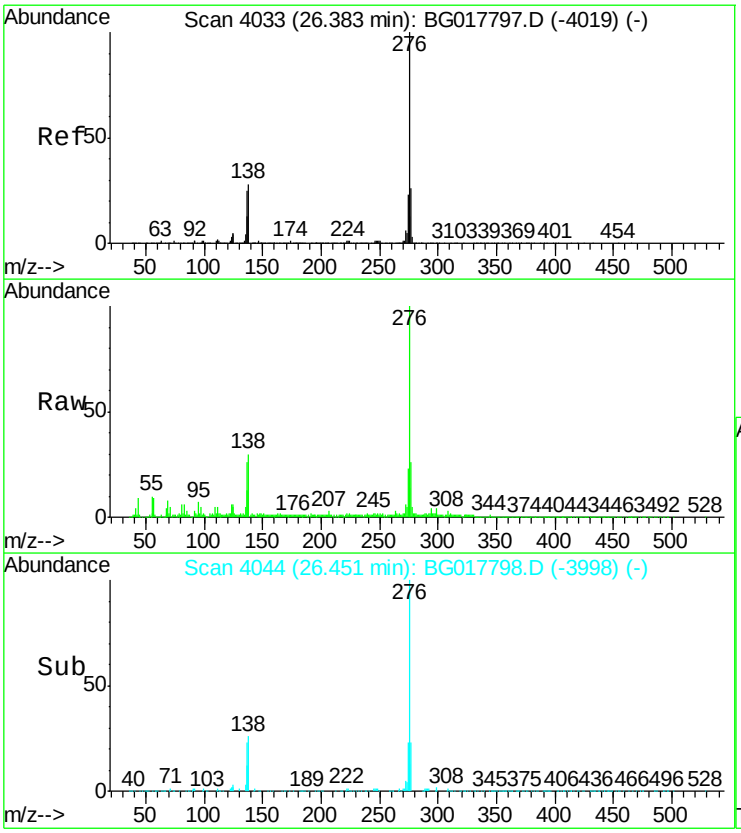
#92
Dibenzo(a,h)anthracene
Concen: 16.63 ng/ul
RT: 25.75 min Scan# 3925
Delta R.T. 0.04 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Instrument :
BNA_G
ClientSampleId :
G93K5

Tgt Ion:278 Resp: 265348

Ion	Ratio	Lower	Upper
278	100		
139	27.8	16.3	24.5#
279	37.6	18.7	28.1#





#93
Benzo(g,h,i)perylene
Concen: 74.20 ng/ul
RT: 26.45 min Scan# 4044
Delta R.T. 0.07 min
Lab File: BG017798.D
Acq: 7 Jul 2015 18:15

Tgt Ion:276 Resp: 1172843

Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.1	37.7
277	25.6	18.7	28.1