Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017796.D
Acq On : 7 Jul 2015 14:57
Operator : TP/UM
Sample : G2860-15DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0DL

Quant Time: Jul 08 03:38:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 03:36:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	76005	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	354975	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	218720	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	440255	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	467343	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	467524	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	521	0.27	ng/uL	0.00
5) Phenol-d5	6.78	99	4965	0.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	3712	0.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	4514	0.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	4235	0.81	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	2187	0.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	2031	0.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	3862	0.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	3874	0.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	12800	0.88	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	14178	0.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	656	0.23	ng/ul	-0.01
57) Fluorene-d10	15.25	176	11493	0.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	314	0.15	ng/ul	0.00
70) Anthracene-d10	17.11	188	15728	0.78	ng/ul	0.00
78) Pyrene-d10	19.42	212	15336	0.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	12442	0.60	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.43	128	437513	23.82	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	116909	8.97	ng/ul	95
40) 1,1'-Biphenyl	13.09	154	28503	1.76	ng/ul	96
47) Acenaphthylene	13.97	152	65037	3.05	ng/ul#	95
49) Acenaphthene	14.32	153	104201	7.25	ng/ul	95
53) Dibenzofuran	14.66	168	191314	9.88	ng/ul	98
58) Fluorene	15.31	166	266826	15.50	ng/ul	98
69) Phenanthrene	17.06	178	1579494	65.64	ng/ul	96
71) Anthracene	17.15	178	503706	20.35	ng/ul	99
74) Carbazole	17.42	167	191627	9.30	ng/ul	98
76) Fluoranthene	19.08	202	1210132	52.20	ng/ul	99
79) Pyrene	19.44	202	1133488	39.74	ng/ul	96
82) Benzo(a)anthracene	21.20	228	634595	24.64	ng/ul	98
84) Chrysene	21.20	228	634191	26.00	ng/ul	95
87) Benzo(b)fluoranthene	22.77	252	571516	21.39	ng/ul	95
88) Benzo(k)fluoranthene	22.77	252	291018	11.55	ng/ul	97
90) Benzo(a)pyrene	23.34	252	420032	16.54	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	174390	6.29	ng/ul#	92
93) Benzo(g,h,i)perylene	26.39	276	154884	6.68	ng/ul	96

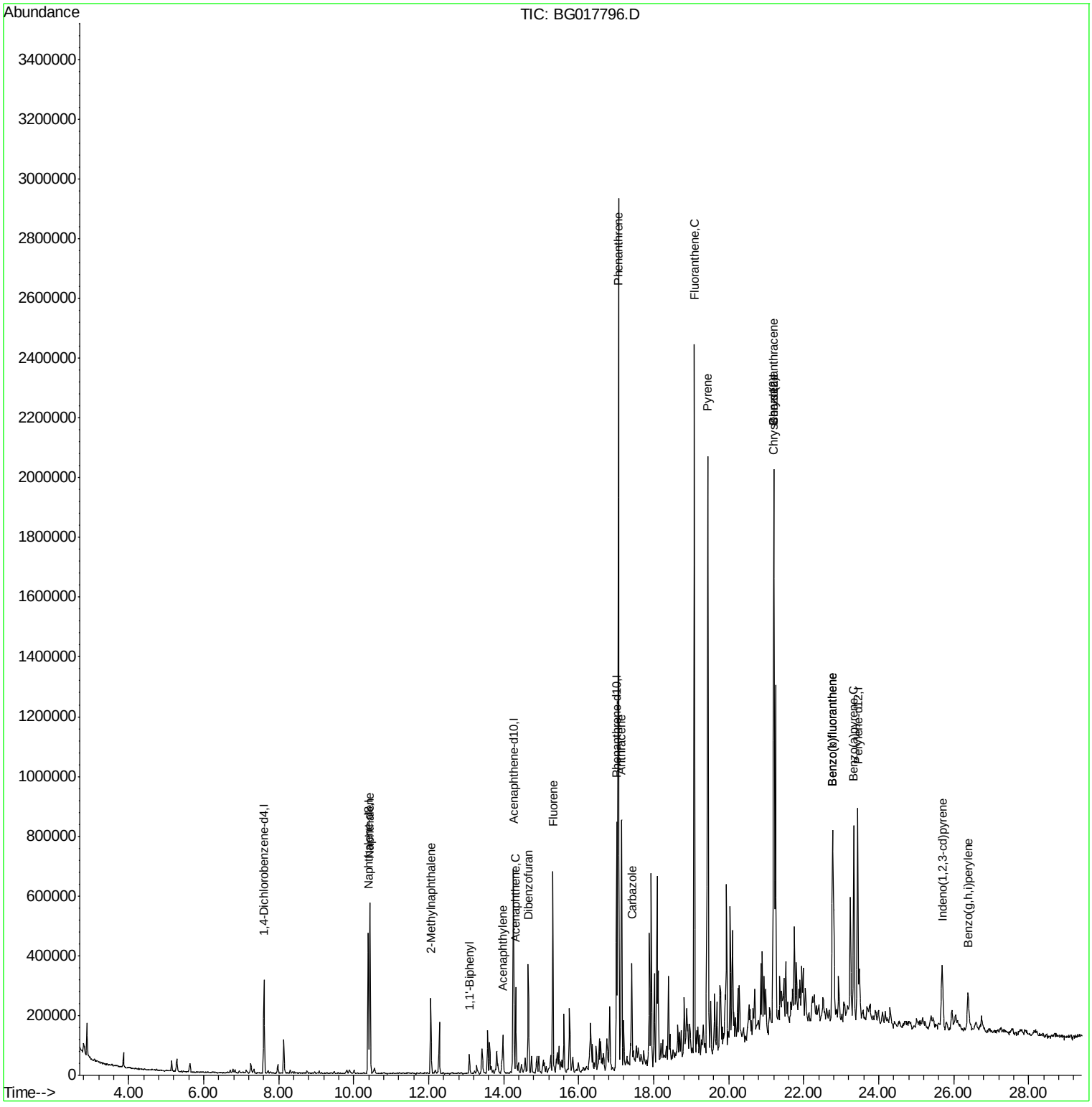
(#) = qualifier out of range (m) = manual integration (+) = signals summed

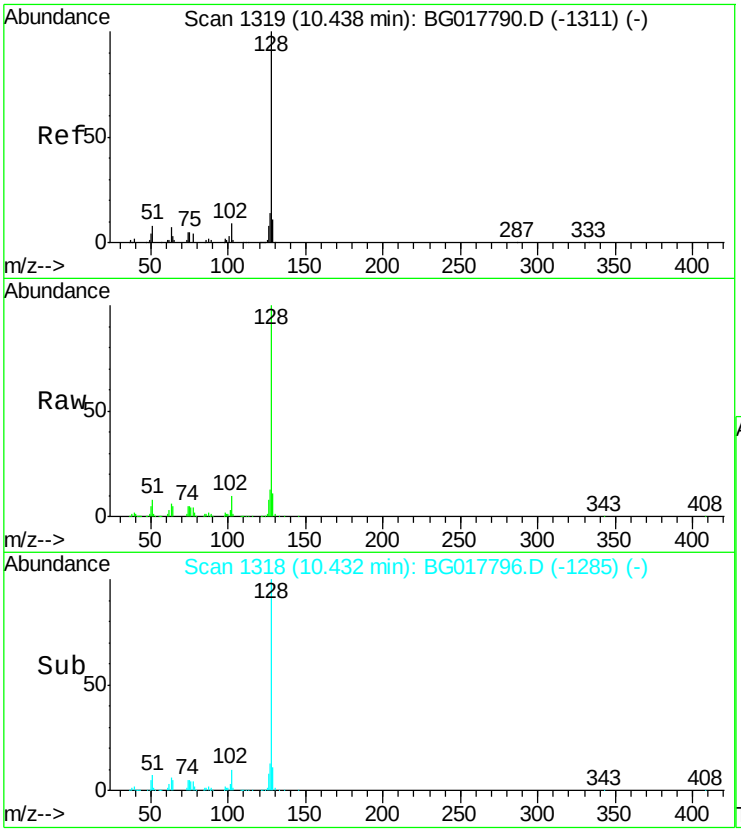
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017796.D
Acq On : 7 Jul 2015 14:57
Operator : TP/UM
Sample : G2860-15DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G93K0DL

Quant Time: Jul 08 03:38:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 03:36:17 2015
Response via : Initial Calibration



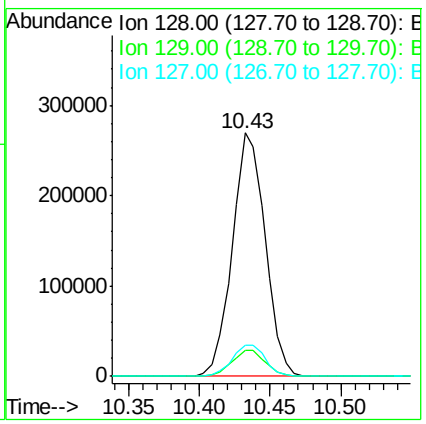


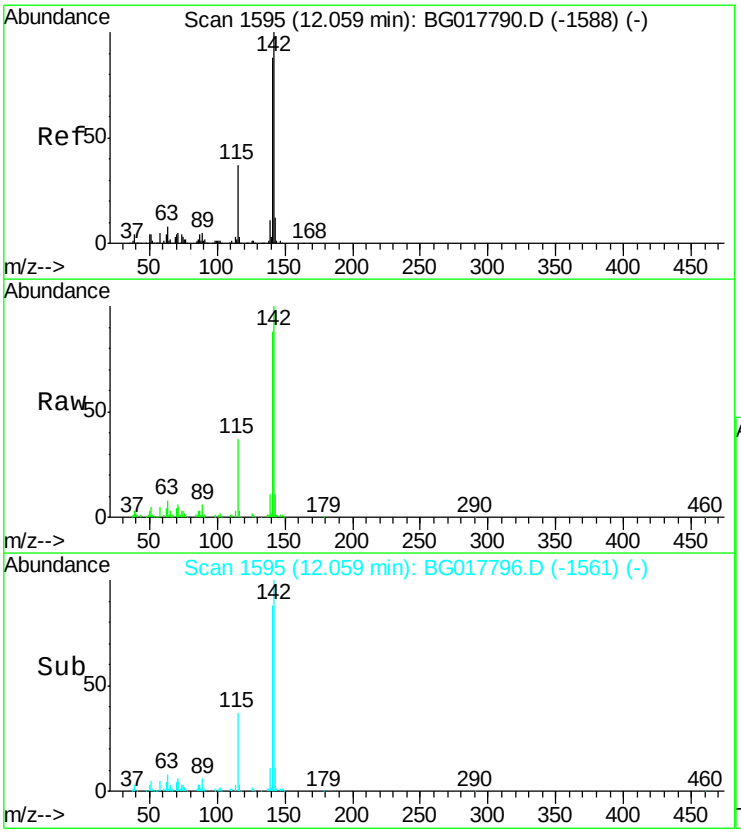
#28
Naphthalene
Concen: 23.82 ng/ul
RT: 10.43 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Instrument :
BNA_G
ClientSampleId :
G93K0DL

Tgt Ion:128 Resp: 437513

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.8	11.0	16.6

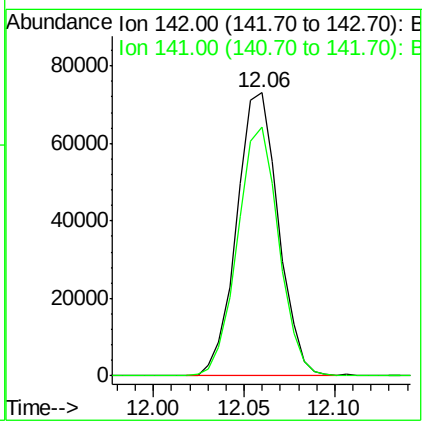


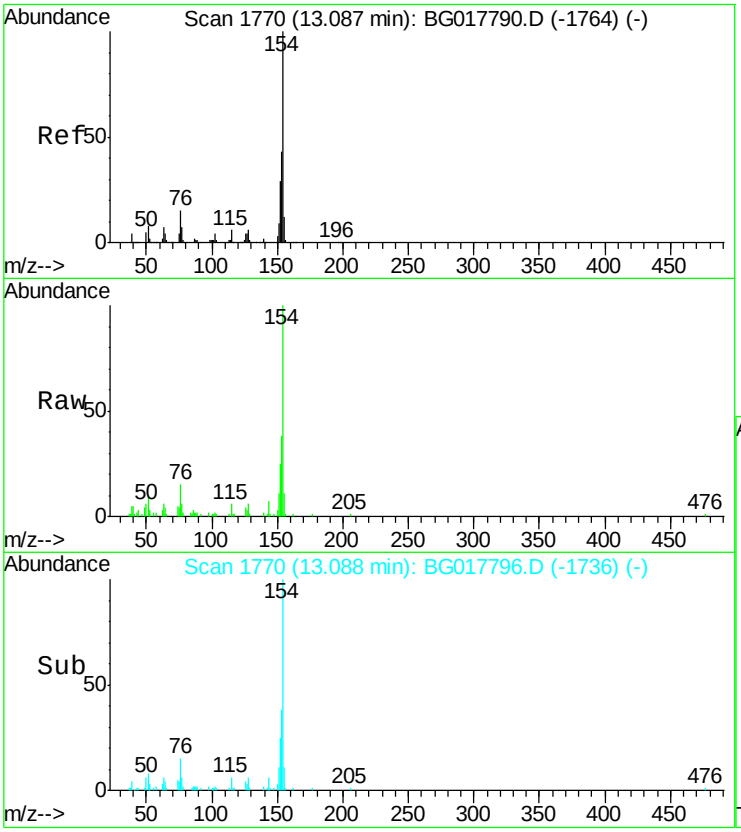


#34
2-Methylnaphthalene
Concen: 8.97 ng/ul
RT: 12.06 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Tgt Ion:142 Resp: 116909

Ion	Ratio	Lower	Upper
142	100		
141	88.1	66.6	100.0



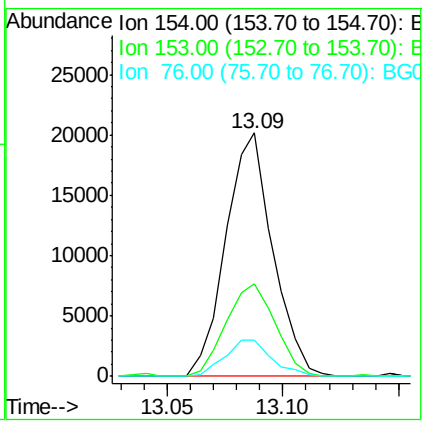


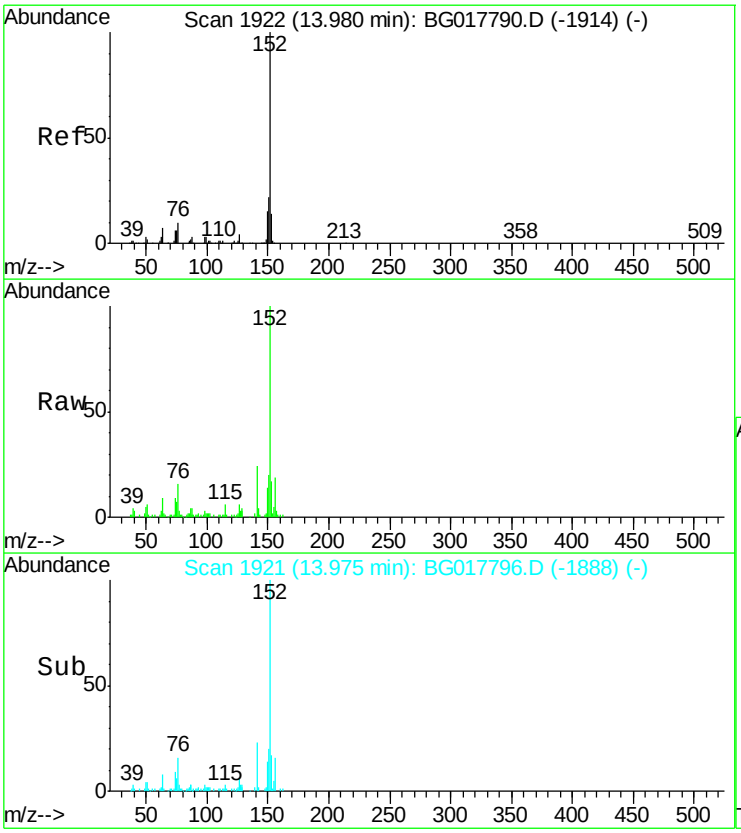
#40
1,1'-Biphenyl
Concen: 1.76 ng/ul
RT: 13.09 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Instrument :
BNA_G
ClientSampleId :
G93K0DL

Tgt Ion:154 Resp: 28503

Ion	Ratio	Lower	Upper
154	100		
153	38.0	33.3	49.9
76	15.1	12.4	18.6

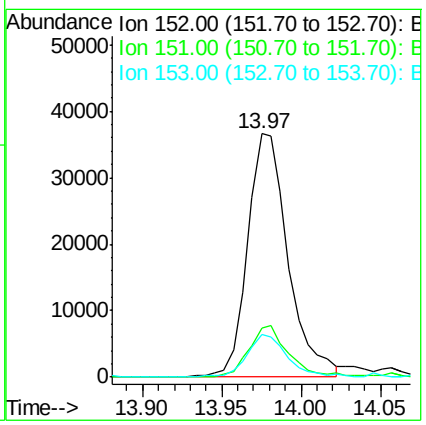


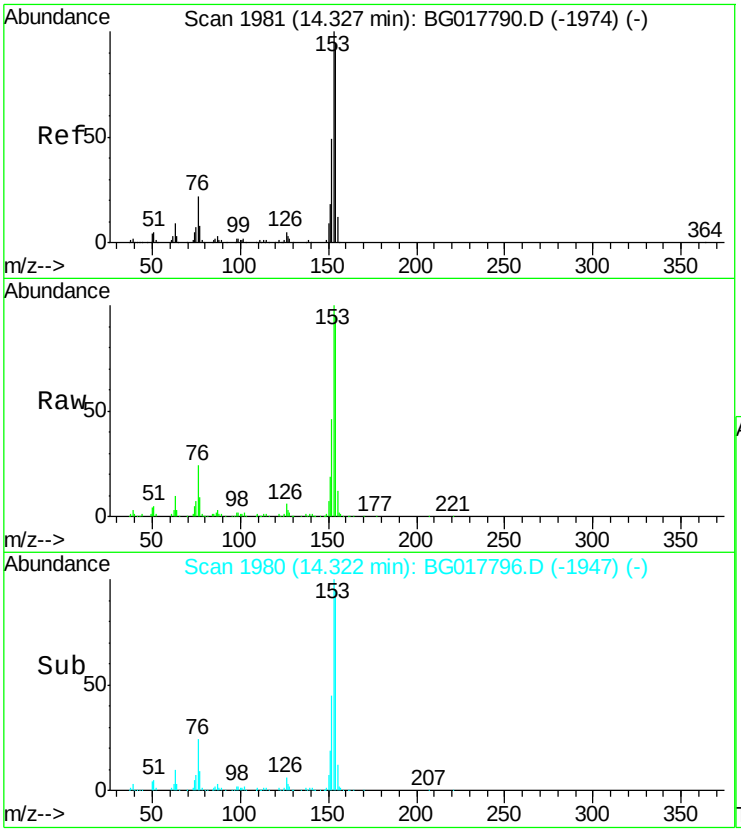


#47
Acenaphthylene
Concen: 3.05 ng/ul
RT: 13.97 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Tgt Ion:152 Resp: 65037

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.0	25.6
153	17.3	11.2	16.8#



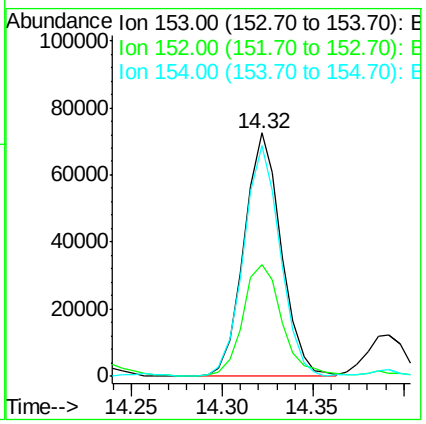


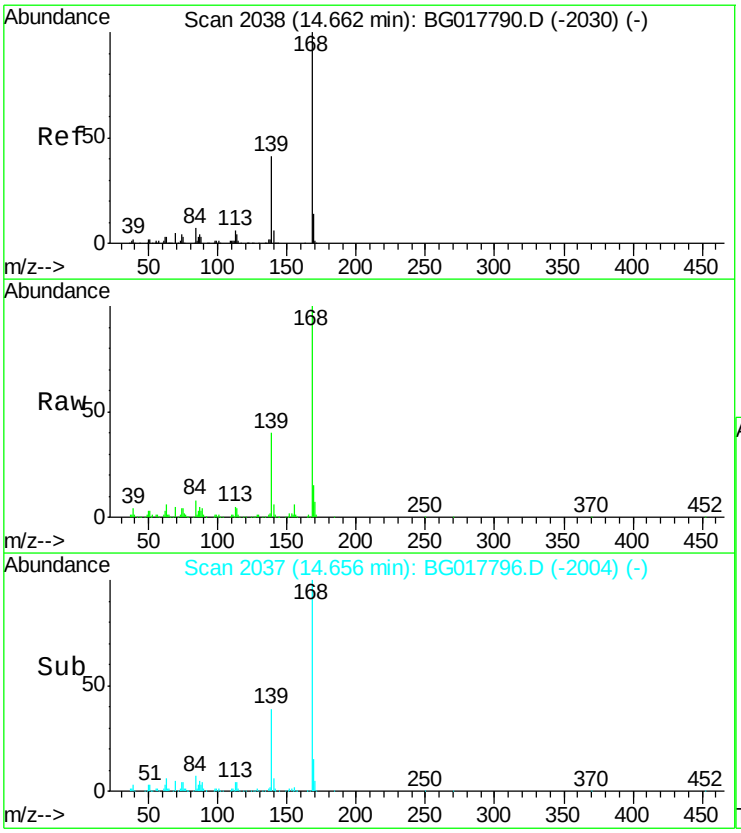
#49
Acenaphthene
Concen: 7.25 ng/ul
RT: 14.32 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Instrument :
BNA_G
ClientSampleId :
G93K0DL

Tgt Ion:153 Resp: 104201

Ion	Ratio	Lower	Upper
153	100		
152	45.7	37.8	56.6
154	94.8	71.2	106.8

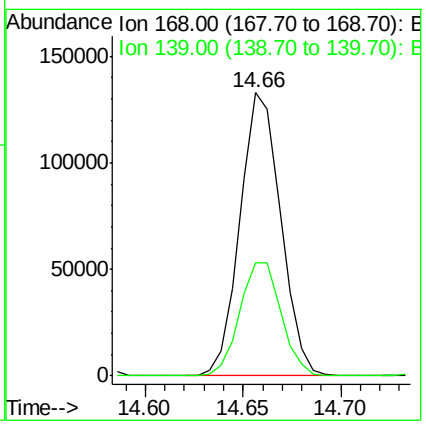


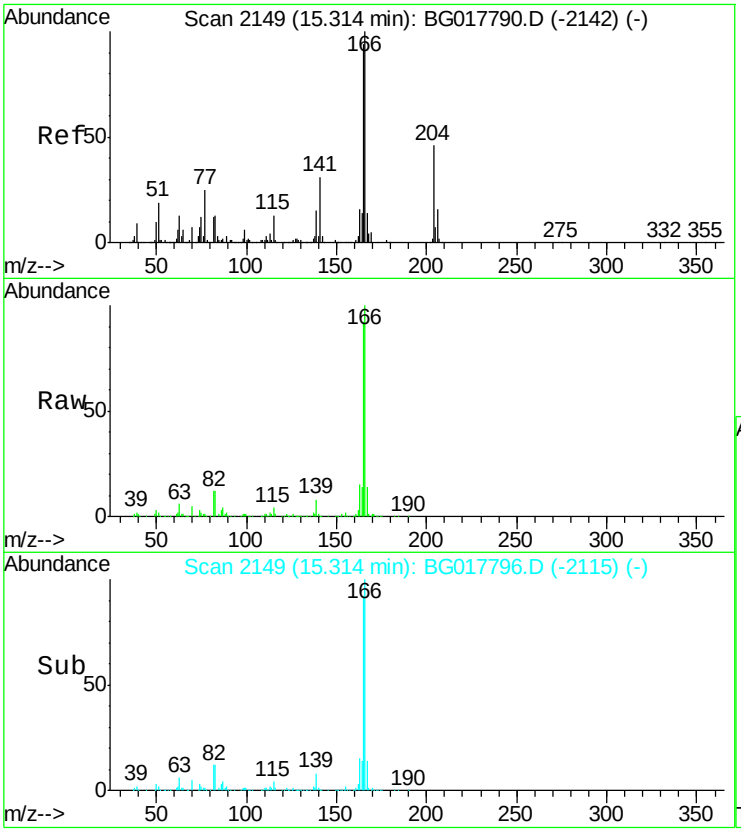


#53
Dibenzofuran
Concen: 9.88 ng/ul
RT: 14.66 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Tgt Ion:168 Resp: 191314

Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.7	49.1



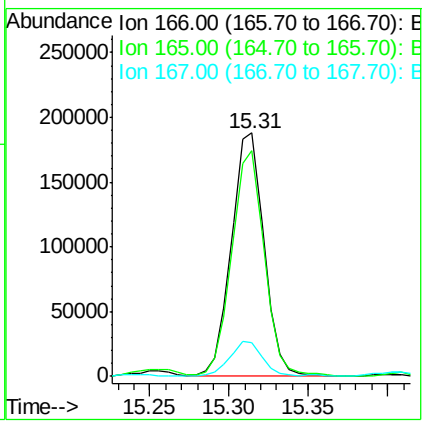


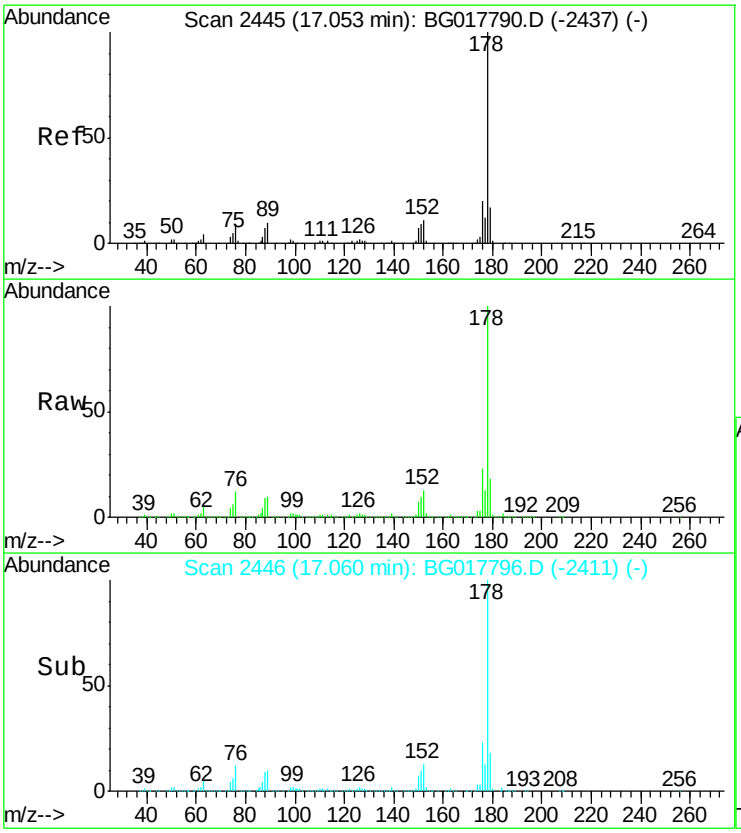
#58
Fluorene
Concen: 15.50 ng/ul
RT: 15.31 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Instrument :
BNA_G
ClientSampleId :
G93K0DL

Tgt Ion:166 Resp: 266826

Ion	Ratio	Lower	Upper
166	100		
165	92.4	75.7	113.5
167	14.0	10.1	15.1

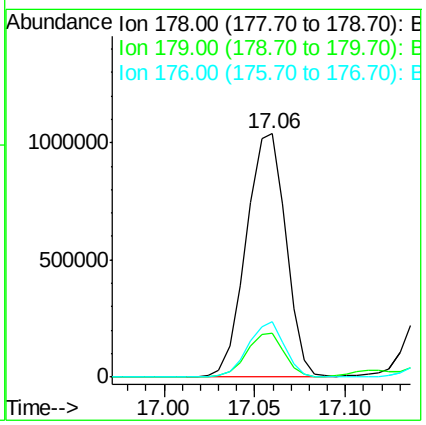


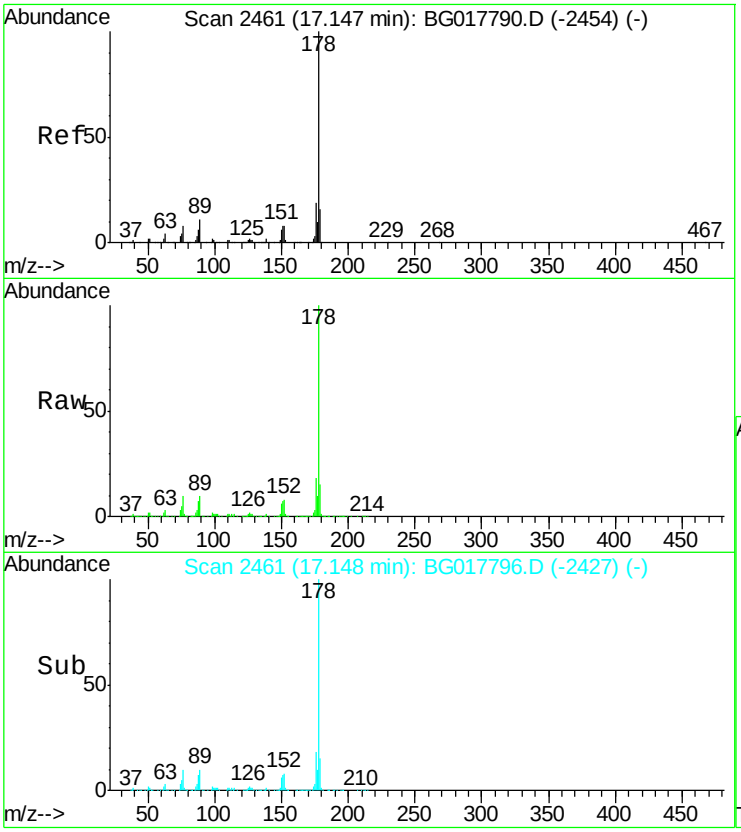


#69
Phenanthrene
Concen: 65.64 ng/ul
RT: 17.06 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Tgt Ion:178 Resp: 1579494

Ion	Ratio	Lower	Upper
178	100		
179	18.2	13.0	19.4
176	22.5	17.0	25.4



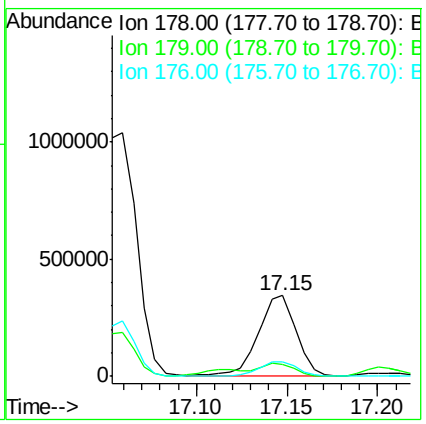


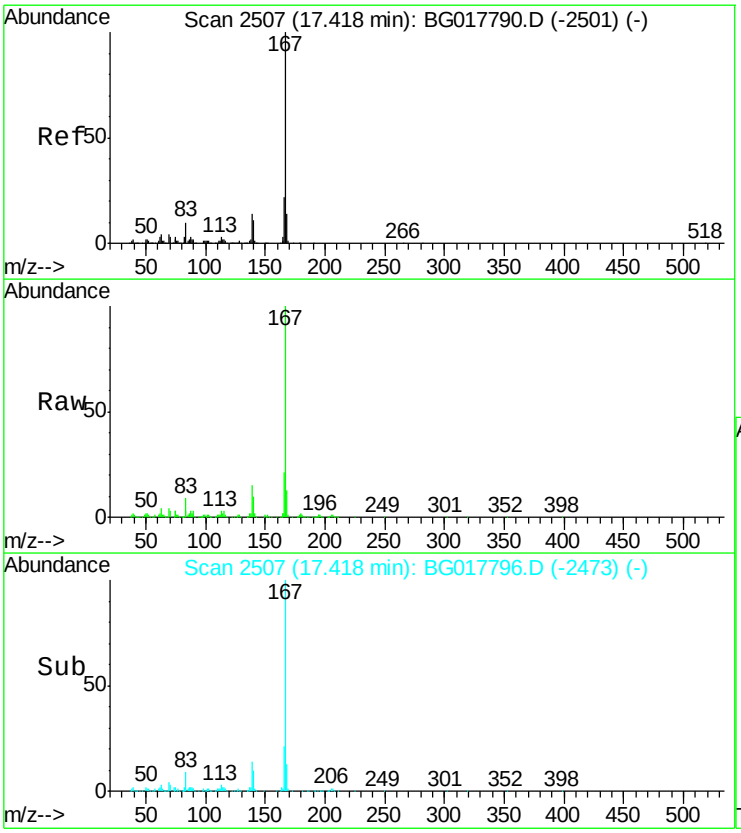
#71
Anthracene
Concen: 20.35 ng/ul
RT: 17.15 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Instrument :
BNA_G
ClientSampleId :
G93K0DL

Tgt Ion:178 Resp: 503706

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.1	15.3	22.9

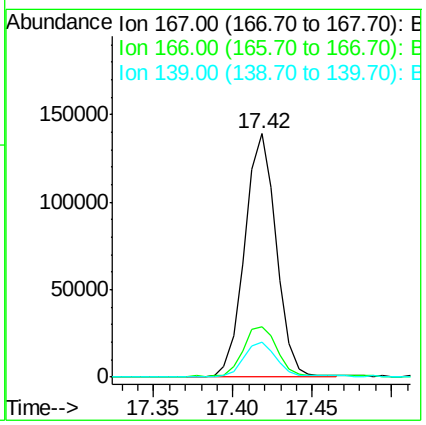


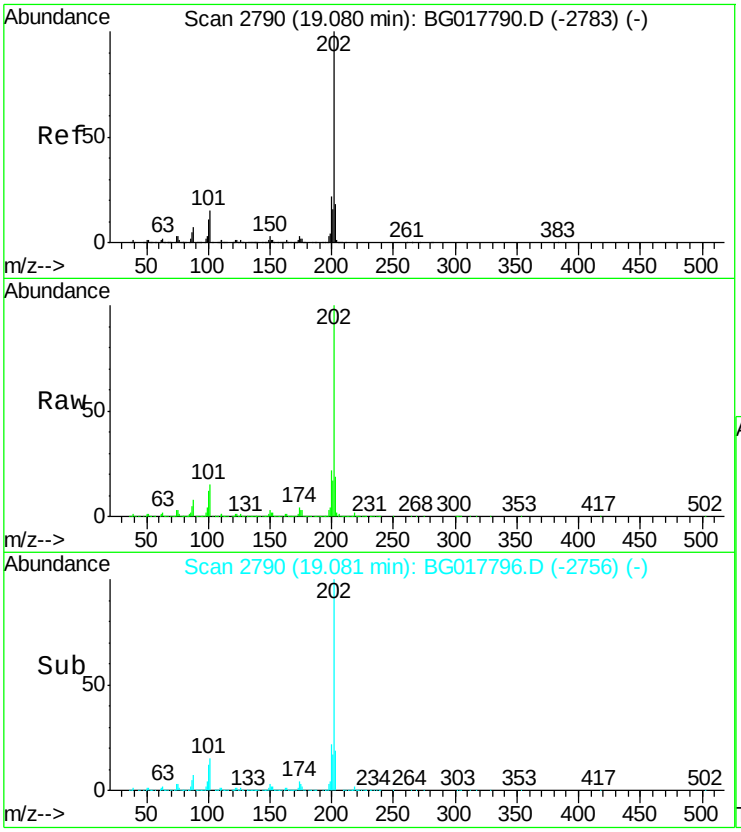


#74
Carbazole
Concen: 9.30 ng/ul
RT: 17.42 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Tgt Ion:167 Resp: 191627

Ion	Ratio	Lower	Upper
167	100		
166	20.9	18.0	27.0
139	14.6	11.4	17.0



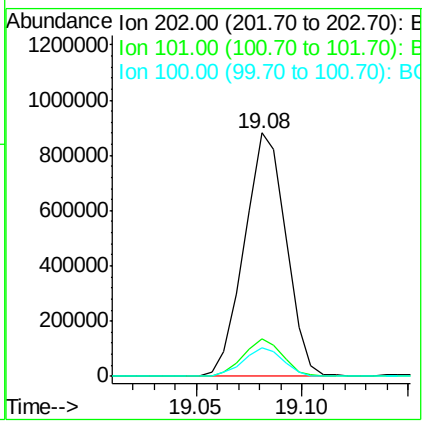


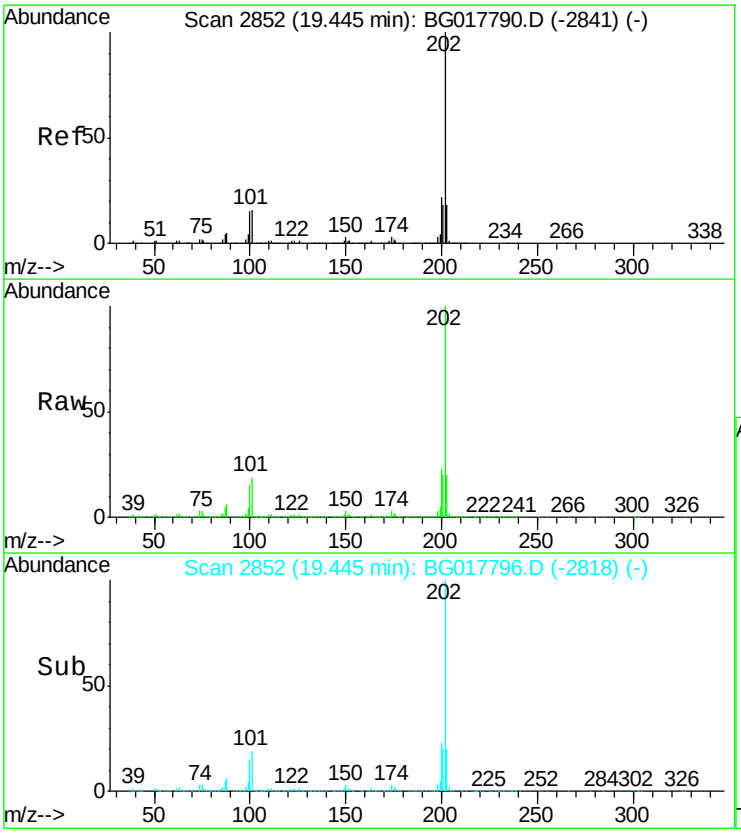
#76
Fluoranthene
Concen: 52.20 ng/ul
RT: 19.08 min Scan# 2790
Delta R.T. 0.00 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Instrument :
BNA_G
ClientSampleId :
G93K0DL

Tgt Ion:202 Resp: 1210132

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.6	18.8
100	11.8	9.1	13.7

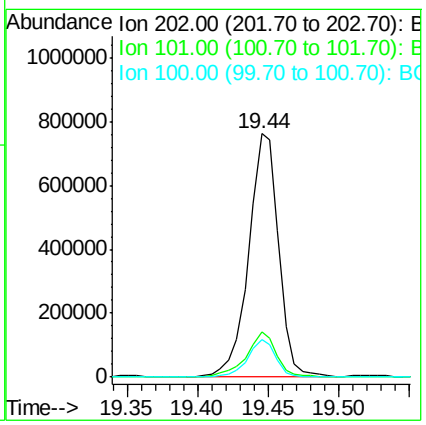


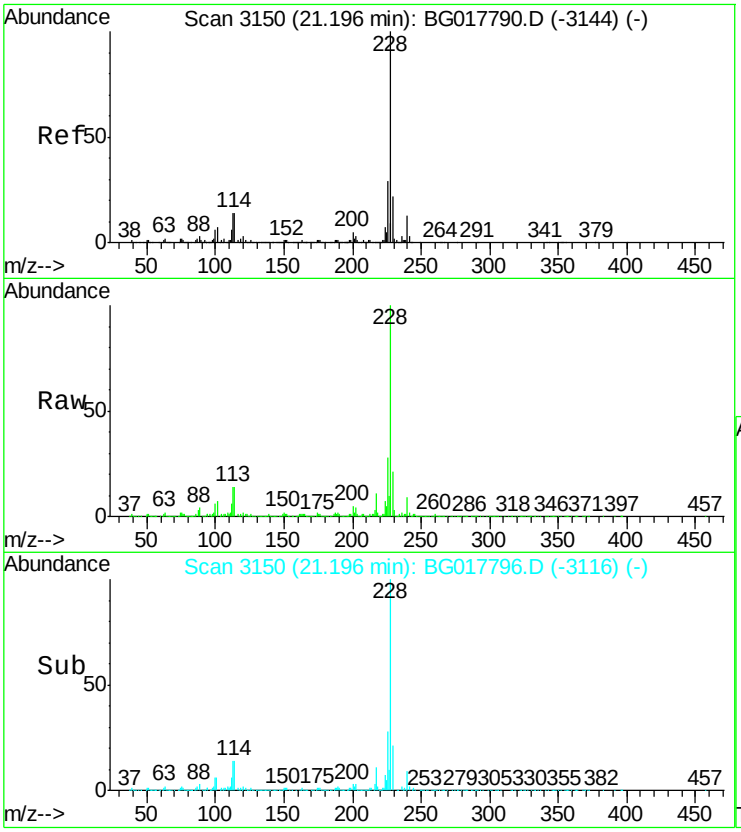


#79
Pyrene
Concen: 39.74 ng/ul
RT: 19.44 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Tgt Ion:202 Resp: 1133488

Ion	Ratio	Lower	Upper
202	100		
101	18.7	13.1	19.7
100	15.4	11.3	16.9



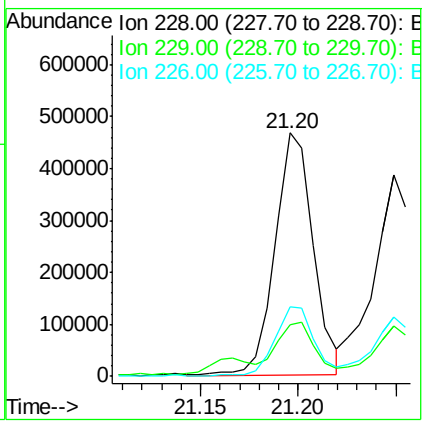


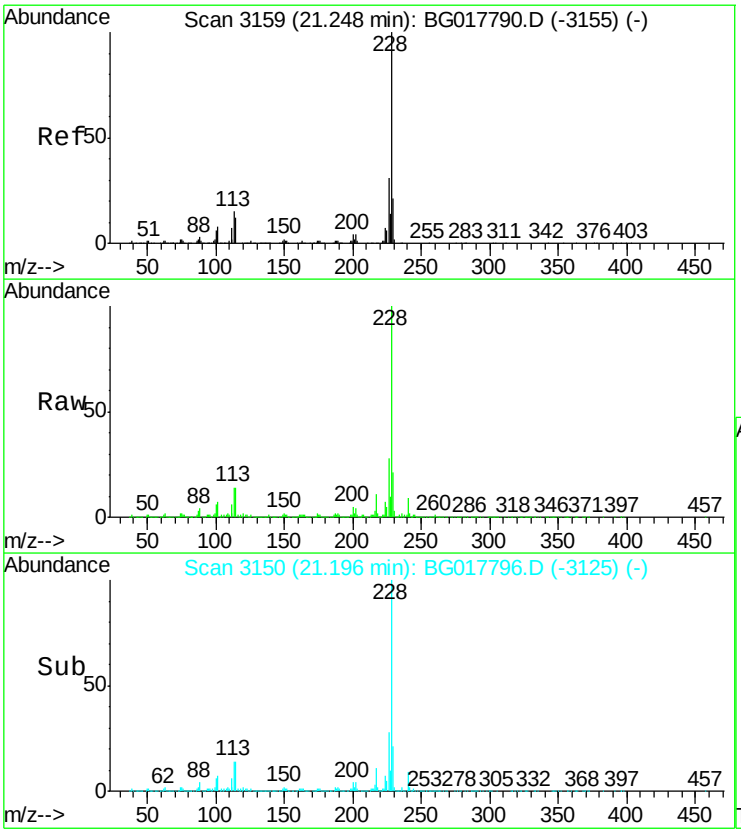
#82
Benzo(a)anthracene
Concen: 24.64 ng/ul
RT: 21.20 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Instrument :
BNA_G
ClientSampleId :
G93K0DL

Tgt Ion:228 Resp: 634595

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	28.4	22.2	33.2

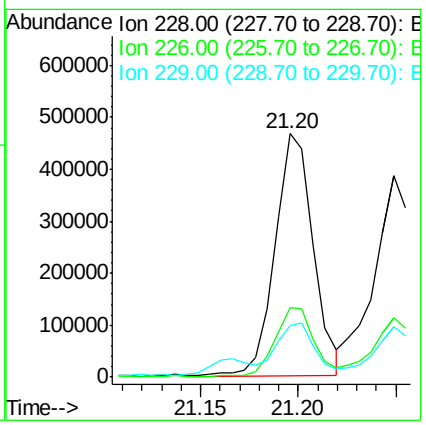


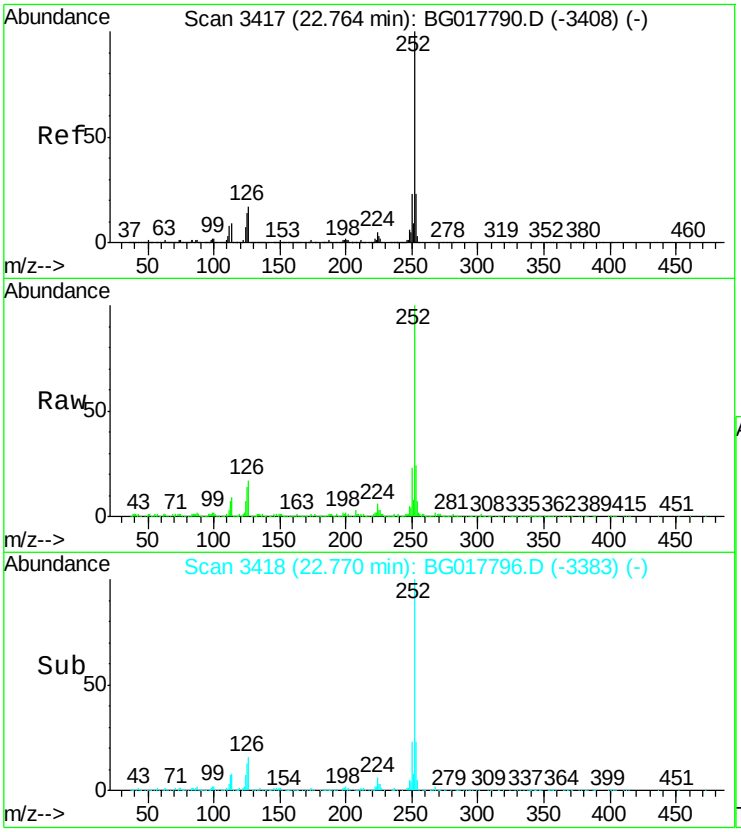


#84
Chrysene
Concen: 26.00 ng/ul
RT: 21.20 min Scan# 3150
Delta R.T. -0.05 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Tgt Ion:228 Resp: 634191

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.6	38.4
229	21.2	16.4	24.6



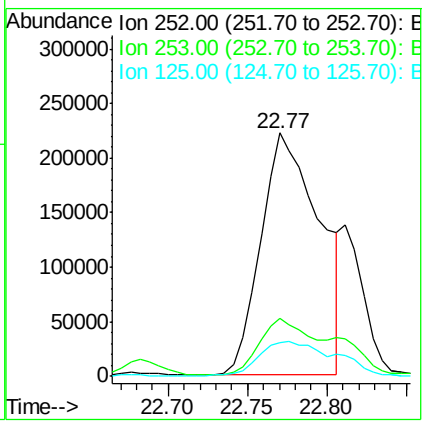


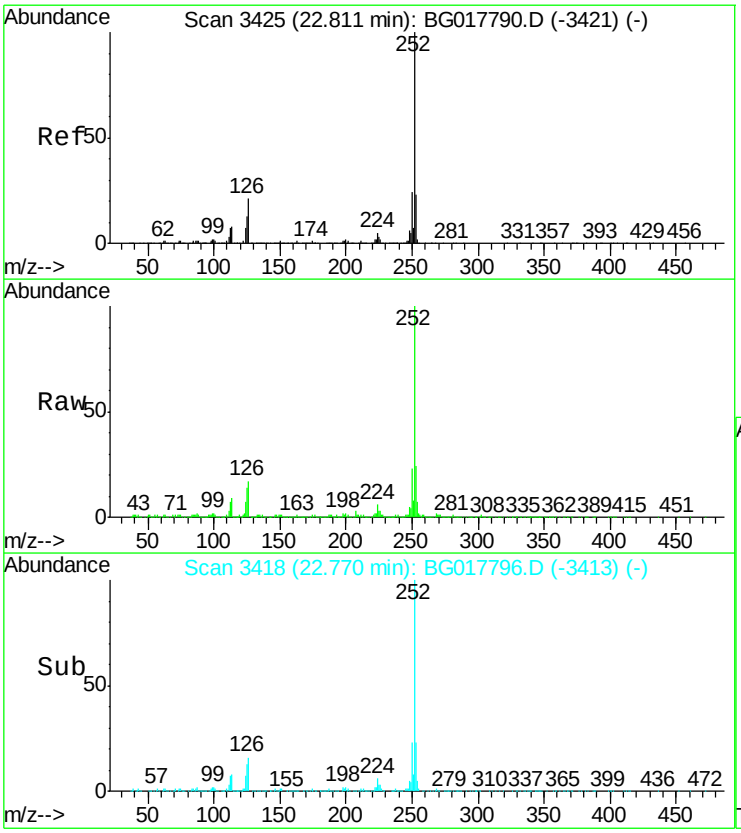
#87
Benzo(b)fluoranthene
Concen: 21.39 ng/ul
RT: 22.77 min Scan# 3418
Delta R.T. 0.01 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Instrument :
BNA_G
ClientSampleId :
G93K0DL

Tgt Ion:252 Resp: 571516

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.8	25.2
125	13.7	10.4	15.6

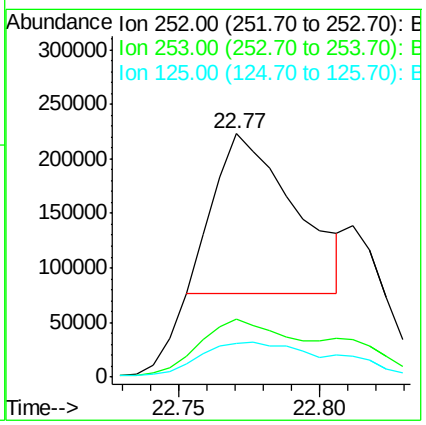


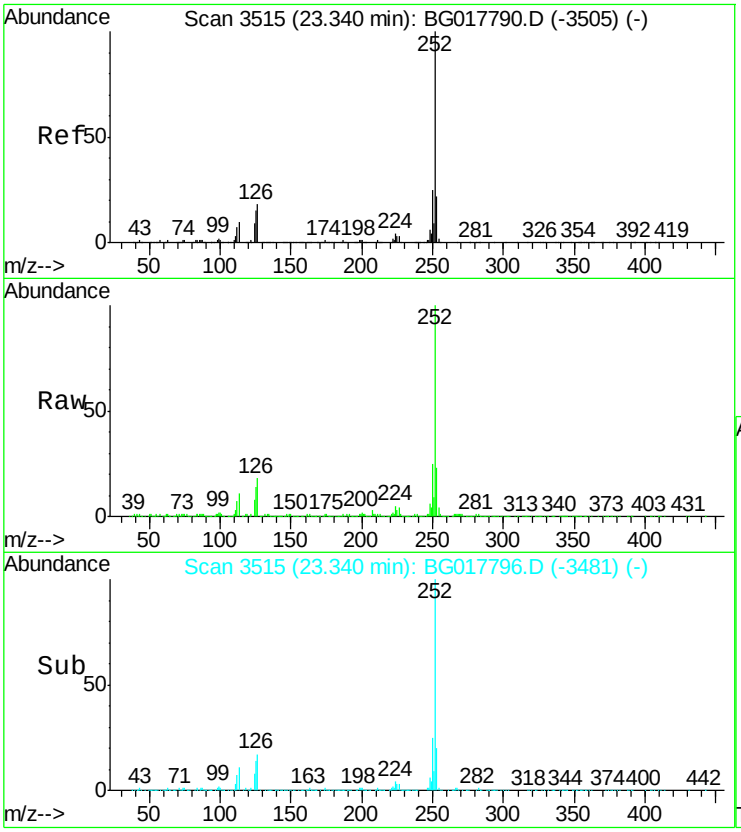


#88
Benzo(k)fluoranthene
Concen: 11.55 ng/ul
RT: 22.77 min Scan# 3418
Delta R.T. -0.04 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Tgt Ion:252 Resp: 291018

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	13.7	11.6	17.4



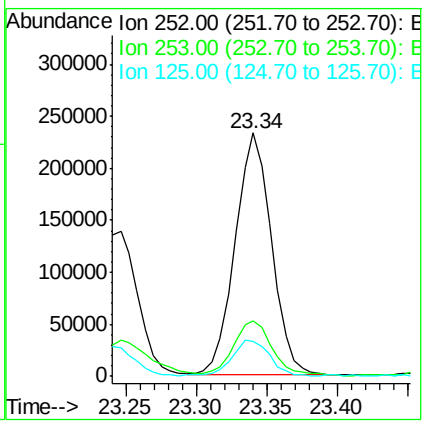


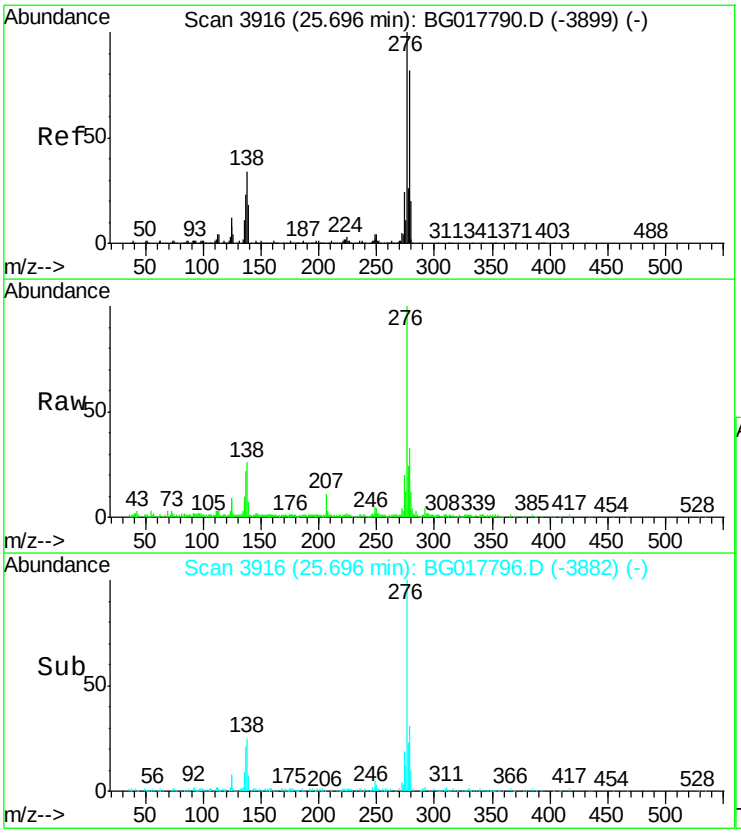
#90
Benzo(a)pyrene
Concen: 16.54 ng/ul
RT: 23.34 min Scan# 3515
Delta R.T. 0.00 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Instrument :
BNA_G
ClientSampleId :
G93K0DL

Tgt Ion:252 Resp: 420032

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	14.2	12.1	18.1

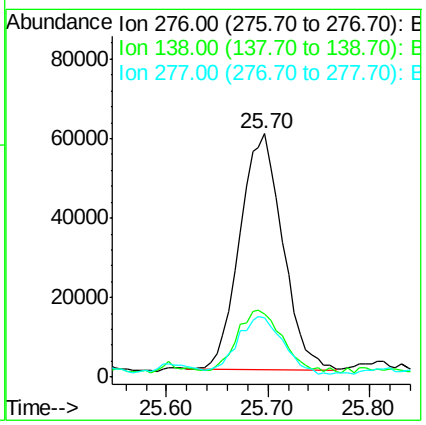


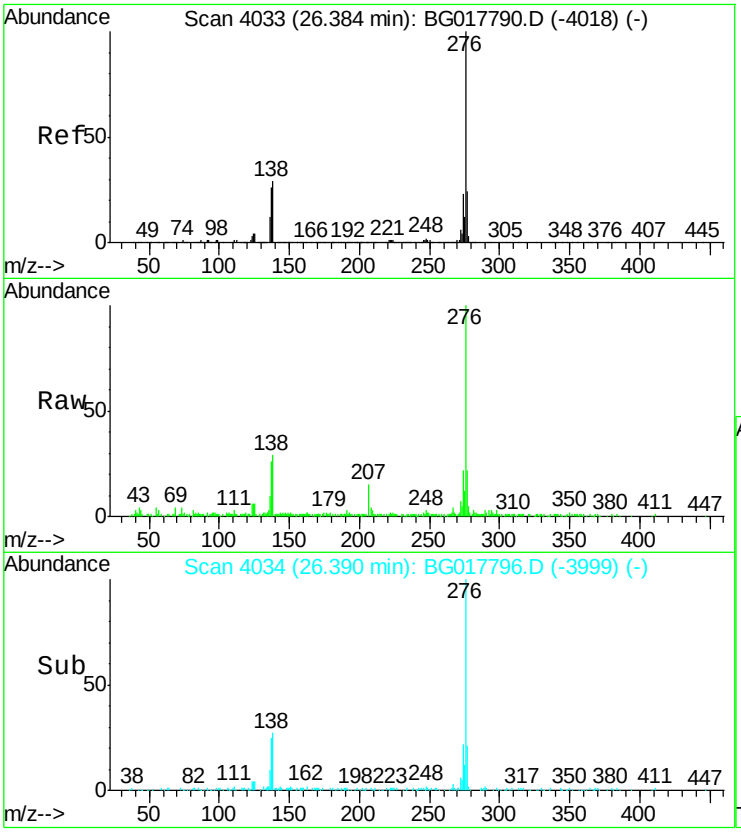


#91
Indeno(1,2,3-cd)pyrene
Concen: 6.29 ng/ul
RT: 25.70 min Scan# 3916
Delta R.T. 0.00 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Tgt Ion:276 Resp: 174390

Ion	Ratio	Lower	Upper
276	100		
138	25.8	26.1	39.1#
277	24.4	20.9	31.3





#93
Benzo(g,h,i)perylene
Concen: 6.68 ng/ul
RT: 26.39 min Scan# 4034
Delta R.T. 0.01 min
Lab File: BG017796.D
Acq: 7 Jul 2015 14:57

Instrument :
BNA_G
ClientSampleId :
G93K0DL

Tgt Ion:276 Resp: 154884

Ion	Ratio	Lower	Upper
276	100		
138	28.6	25.1	37.7
277	22.1	18.7	28.1