Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017779.D
Acq On : 6 Jul 2015 21:19
Operator : TP/UM
Sample : G2860-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J9

Manual Integrations APPROVED
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Quant Time: Jul 07 02:27:11 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	7.60	152	117769	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	548663	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	352513	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	714623	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	750088	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	769270	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	5191	1.74	ng/uL	0.00
5) Phenol-d5	6.78	99	127879	12.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	74189	12.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	105031	12.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	104015	12.79	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	52954	12.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	57201	13.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	100277	12.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	112678	10.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	277461	11.89	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	369764	11.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	52861	11.29	ng/ul	0.00
57) Fluorene-d10	15.25	176	277065	11.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	28287	8.54	ng/ul	0.00
70) Anthracene-d10	17.11	188	381748	11.72	ng/ul	0.00
78) Pyrene-d10	19.41	212	408757	11.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	373510	11.03	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.42	105	22466	1.87	ng/ul	98
28) Naphthalene	10.43	128	63404	2.23	ng/ul	96
44) Dimethylphthalate	13.72	163	90285	3.48	ng/ul	98
49) Acenaphthene	14.32	153	40813	1.76	ng/ul	91
53) Dibenzofuran	14.66	168	37669	1.21	ng/ul	99
58) Fluorene	15.31	166	43633	1.57	ng/ul	94
69) Phenanthrene	17.05	178	510589	13.07	ng/ul	97
71) Anthracene	17.14	178	156602	3.90	ng/ul	98
74) Carbazole	17.41	167	43072	1.29	ng/ul	98
76) Fluoranthene	19.08	202	954504	25.36	ng/ul	98
79) Pyrene	19.44	202	851348	18.60	ng/ul	99
82) Benzo(a)anthracene	21.19	228	422920	10.23	ng/ul	98
84) Chrysene	21.25	228	390199	9.97	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	496767	11.30	ng/ul	95
88) Benzo(k)fluoranthene	22.80	252	199035m	4.80	ng/ul	
90) Benzo(a)pyrene	23.34	252	358208	8.57	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.68	276	237976	5.22	ng/ul	97
92) Dibenzo(a,h)anthracene	25.69	278	64775	1.68	ng/ul#	94
93) Benzo(g,h,i)perylene	26.37	276	224490	5.88	ng/ul	96

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

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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017779.D
Acq On : 6 Jul 2015 21:19
Operator : TP/UM
Sample : G2860-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 07 02:27:11 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 01:50:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
G93J9

Manual Integrations APPROVED
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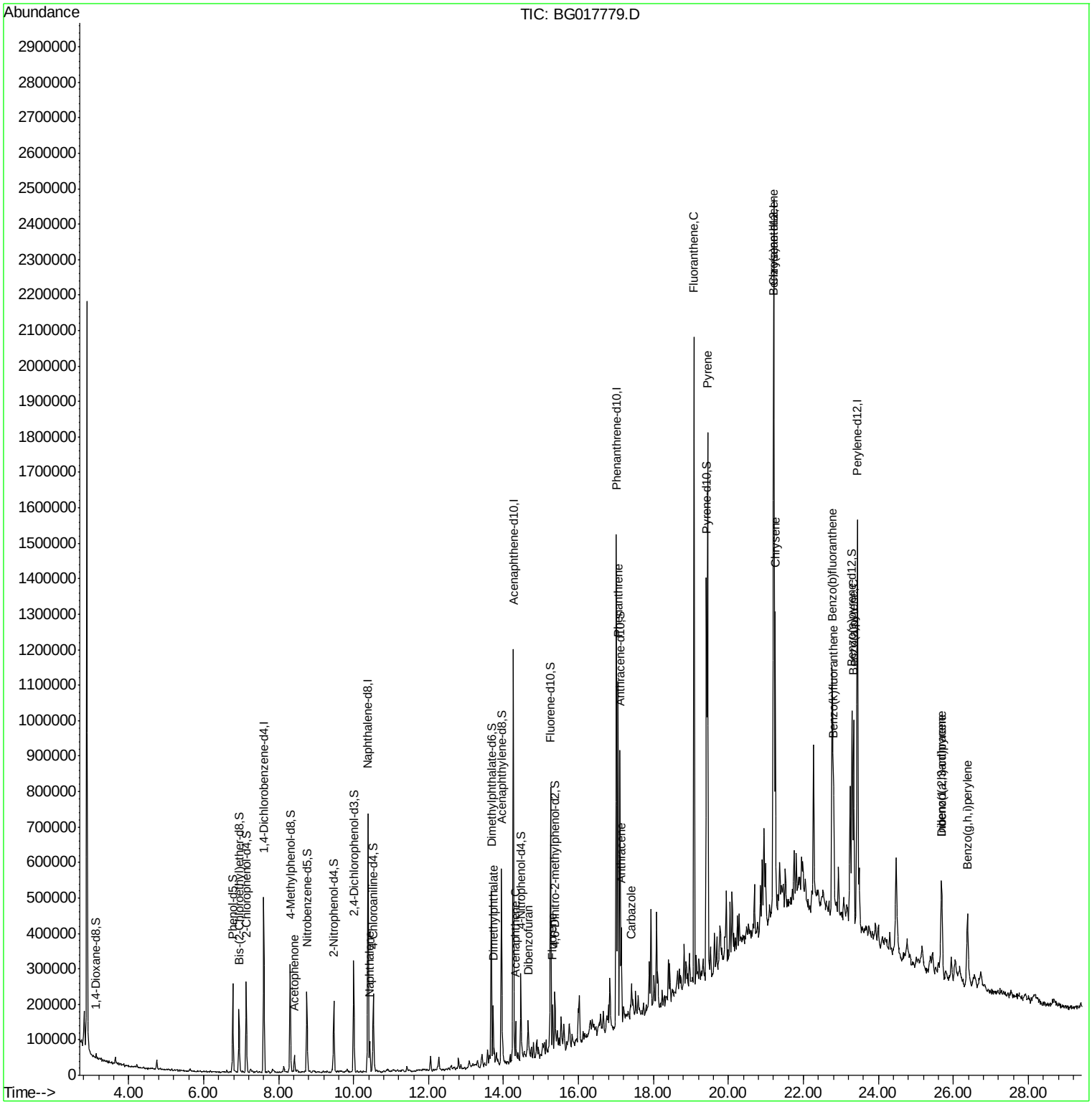
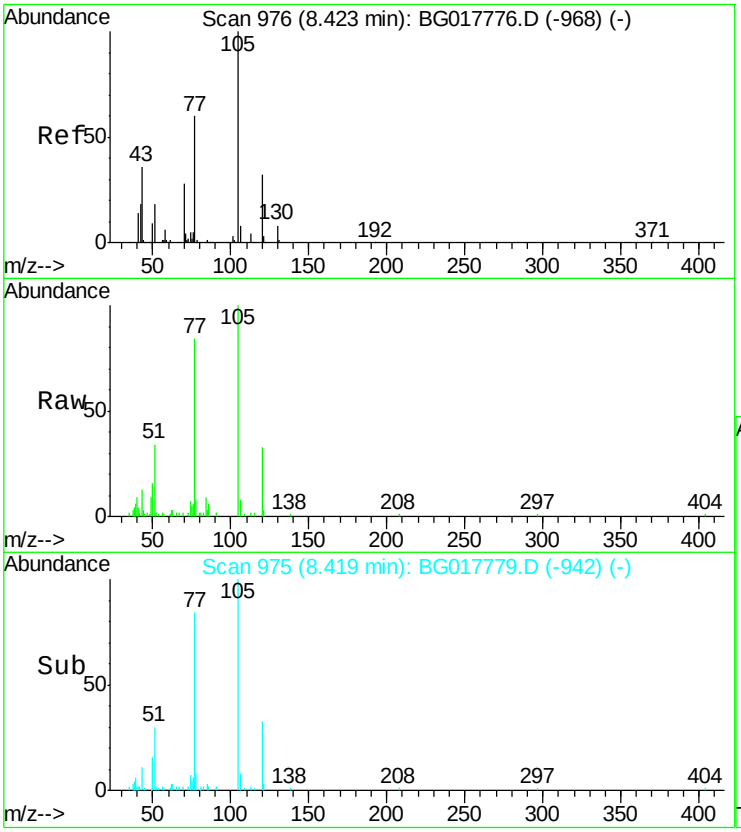
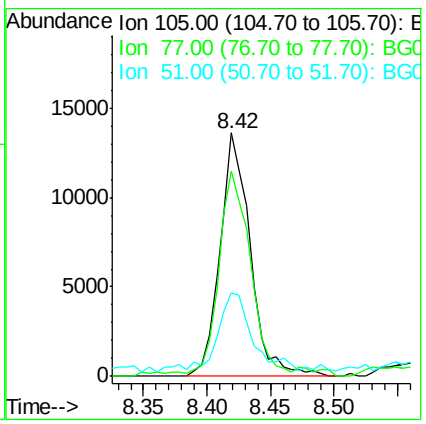




#14
Acetophenone
Concen: 1.87 ng/ul
RT: 8.42 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:105 Resp: 22466

Ion	Ratio	Lower	Upper
105	100		
77	84.3	69.5	104.3
51	34.3	26.7	40.1



Instrument :
BNA_G
ClientSampleId :
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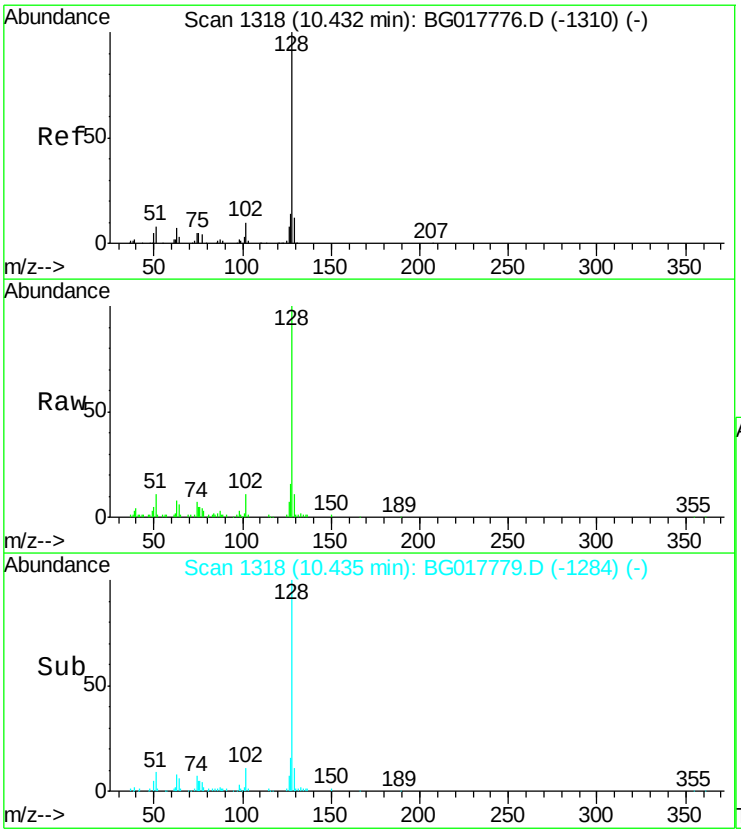
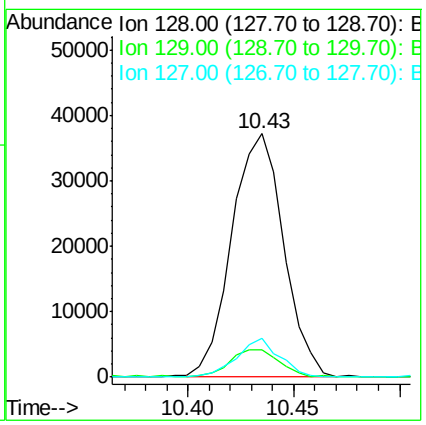
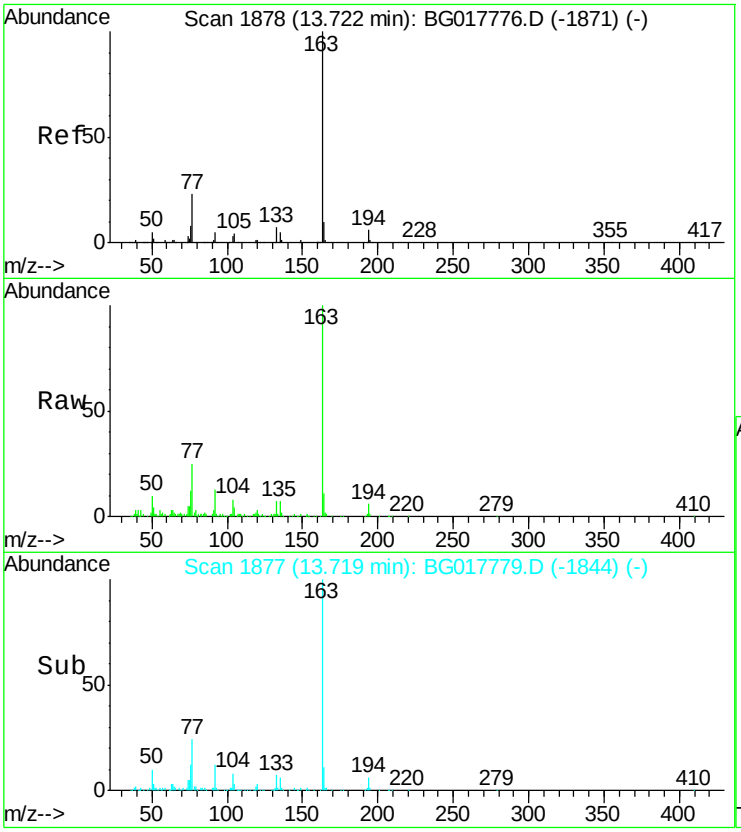


#28
Naphthalene
Concen: 2.23 ng/ul
RT: 10.43 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:128 Resp: 63404

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	16.0	11.0	16.6

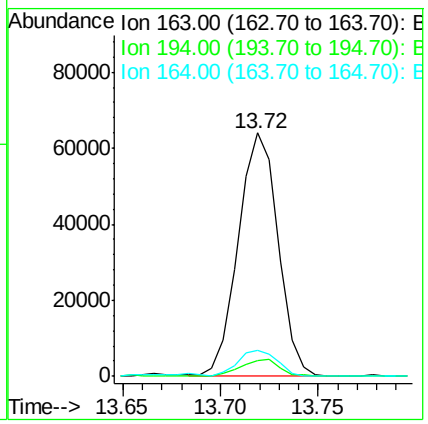




#44
Dimethylphthalate
Concen: 3.48 ng/ul
RT: 13.72 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:163 Resp: 90285

Ion	Ratio	Lower	Upper
163	100		
194	6.5	5.4	8.0
164	10.5	7.7	11.5



Instrument :
BNA_G
ClientSampleId :
G93J9

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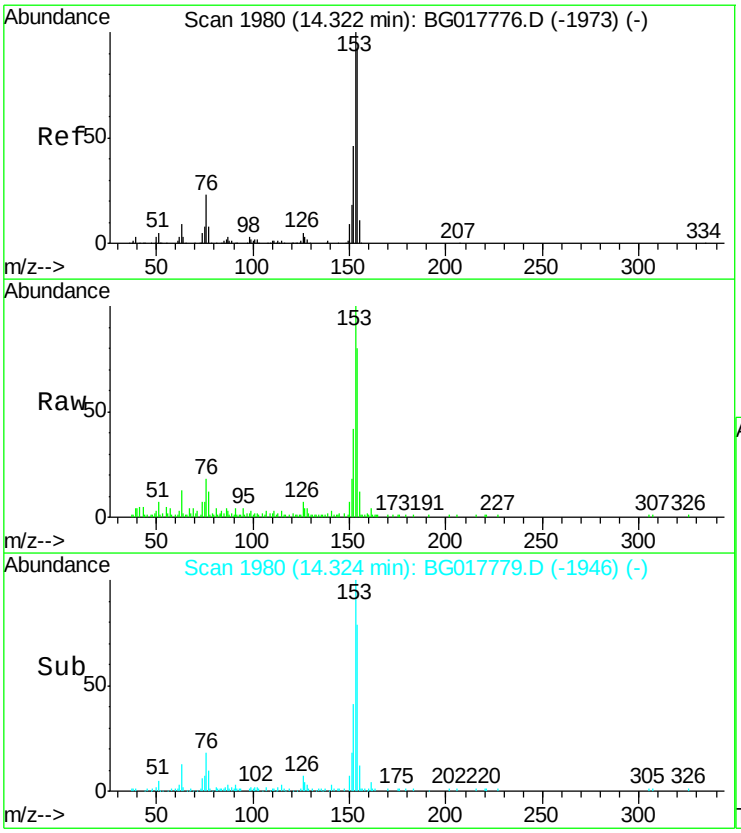
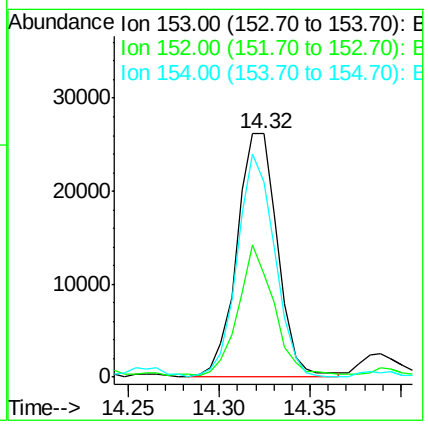
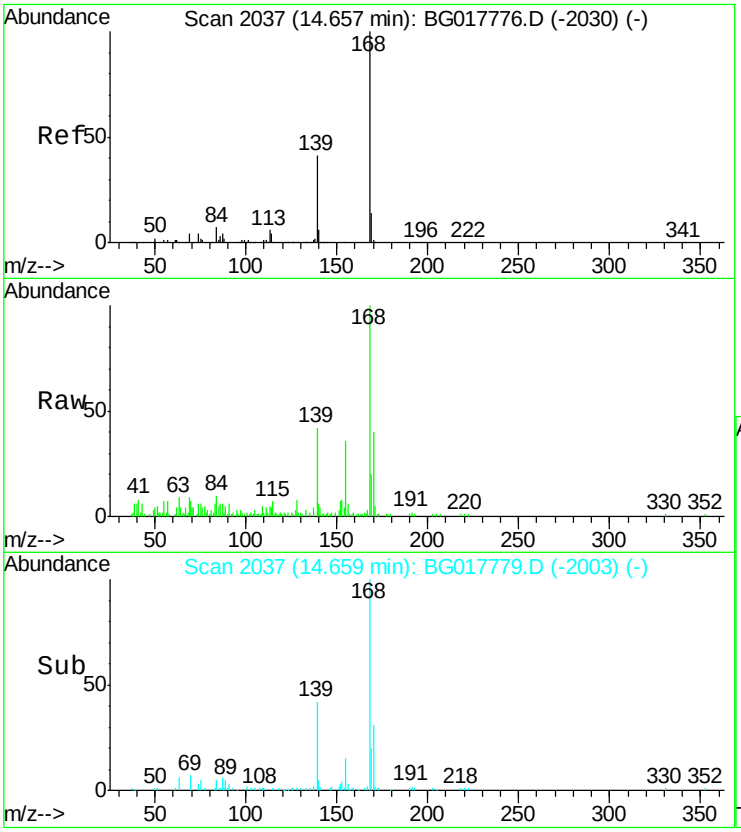


#49
Acenaphthene
Concen: 1.76 ng/ul
RT: 14.32 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:153 Resp: 40813

Ion	Ratio	Lower	Upper
153	100		
152	42.3	37.8	56.6
154	79.9	71.2	106.8

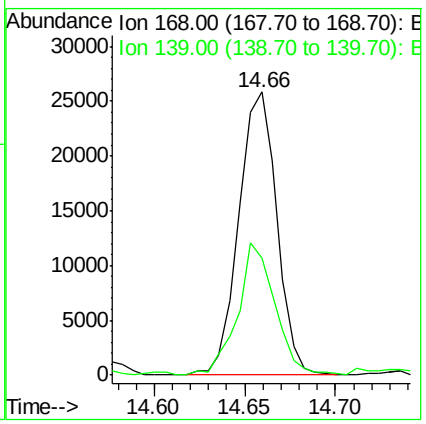




#53
Dibenzofuran
Concen: 1.21 ng/ul
RT: 14.66 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:168 Resp: 37669

Ion	Ratio	Lower	Upper
168	100		
139	41.5	32.7	49.1



Instrument :
BNA_G
ClientSampleId :
G93J9

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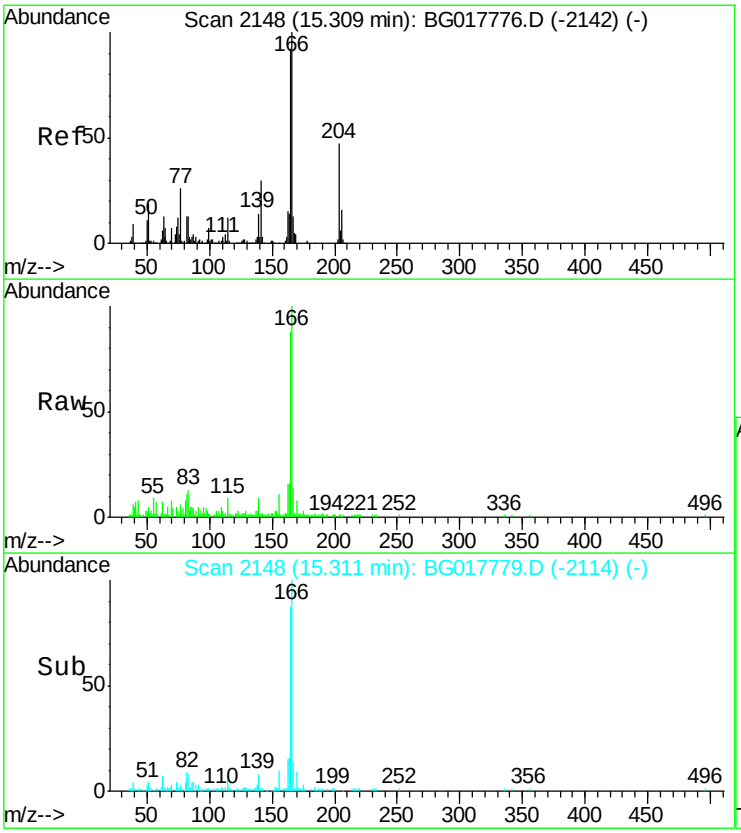
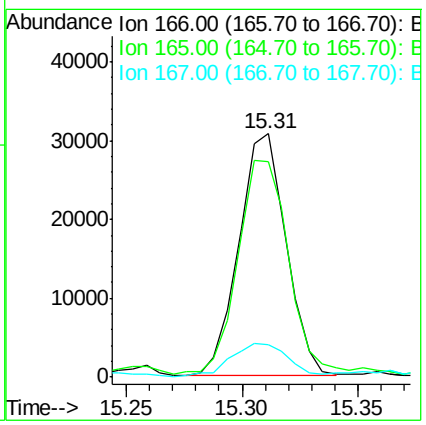
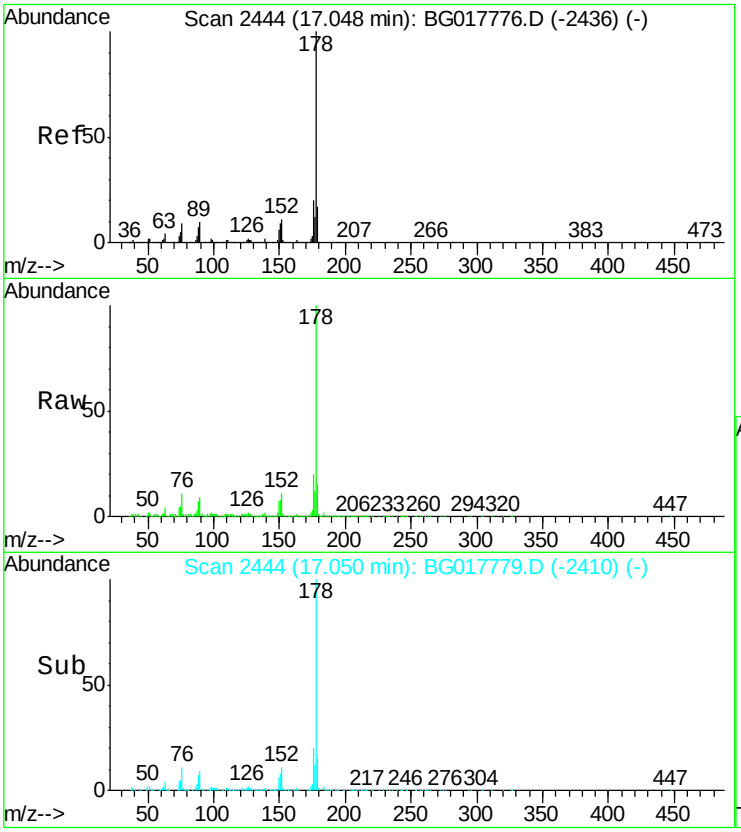


#58
Fluorene
Concen: 1.57 ng/ul
RT: 15.31 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:166 Resp: 43633

Ion	Ratio	Lower	Upper
166	100		
165	88.5	75.7	113.5
167	13.5	10.1	15.1

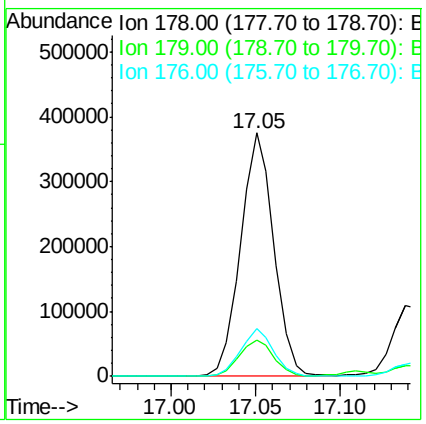




#69
Phenanthrene
Concen: 13.07 ng/ul
RT: 17.05 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:178 Resp: 510589

Ion	Ratio	Lower	Upper
178	100		
179	15.0	13.0	19.4
176	19.6	17.0	25.4



Instrument :
BNA_G
ClientSampleId :
G93J9

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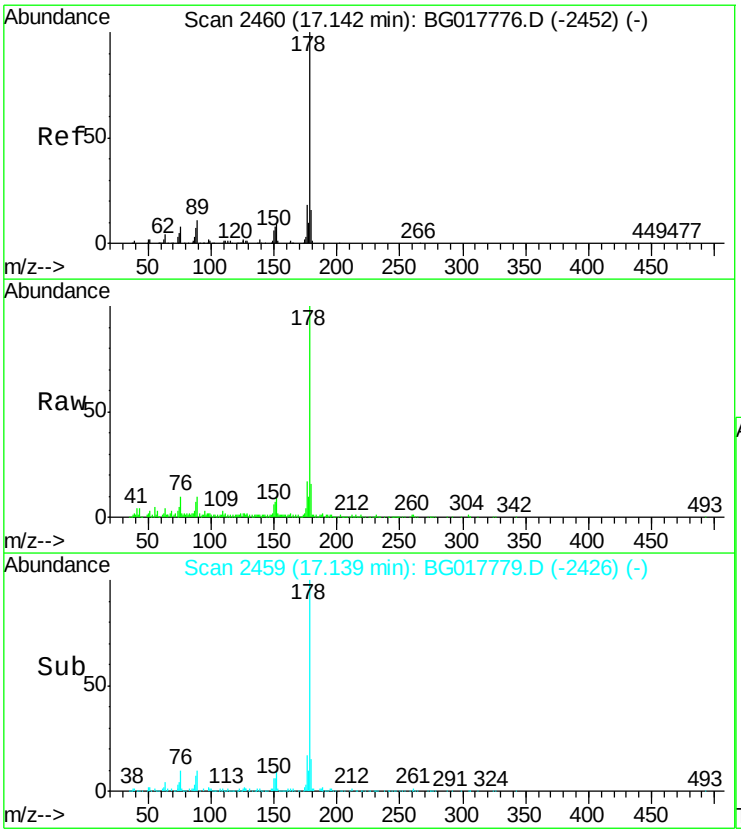
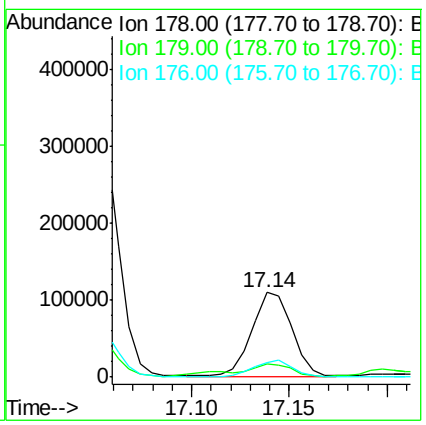
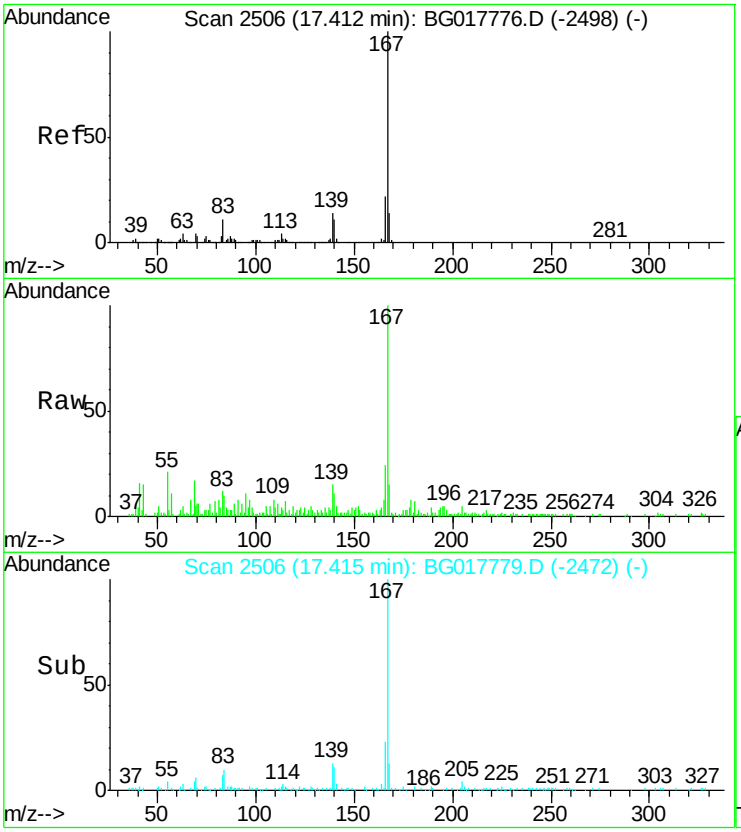


#71
Anthracene
Concen: 3.90 ng/ul
RT: 17.14 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:178 Resp: 156602

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	17.2	15.3	22.9

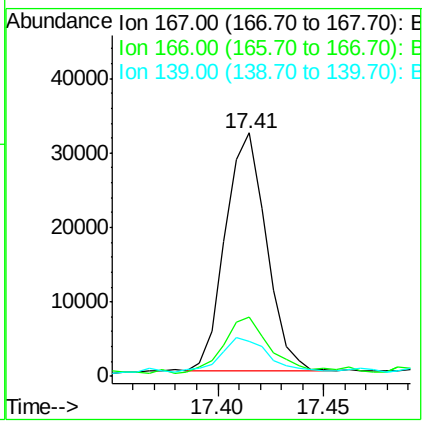




#74
Carbazole
Concen: 1.29 ng/ul
RT: 17.41 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:167 Resp: 43072

Ion	Ratio	Lower	Upper
167	100		
166	24.2	18.0	27.0
139	14.6	11.4	17.0



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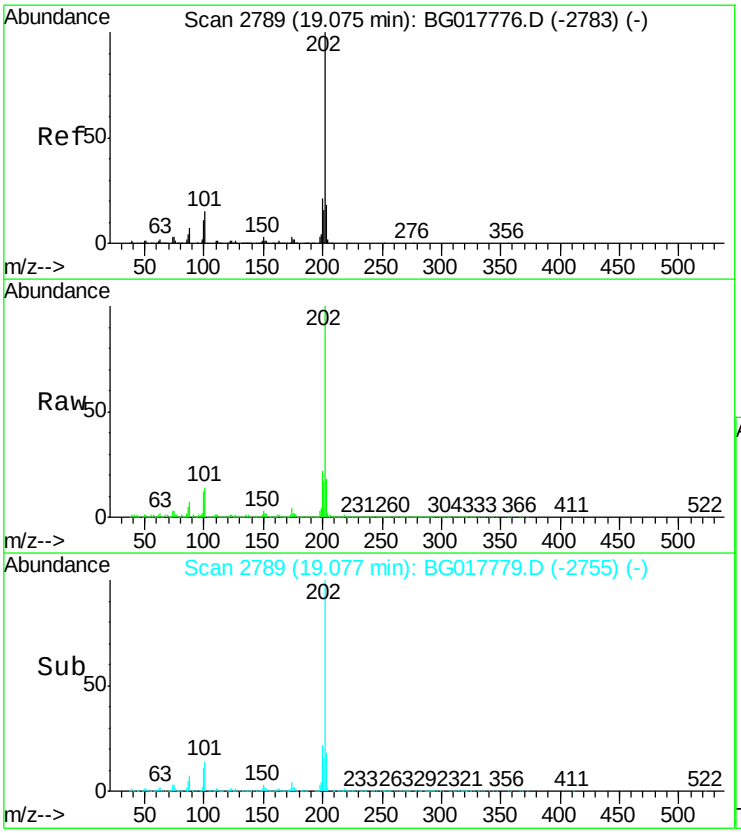
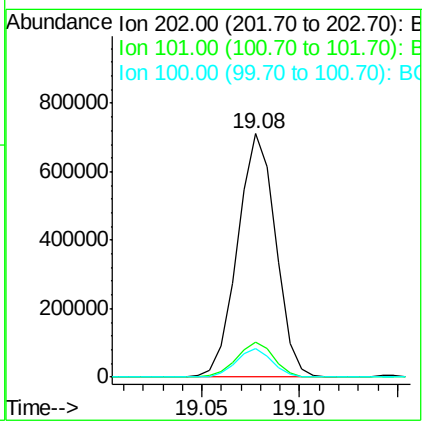
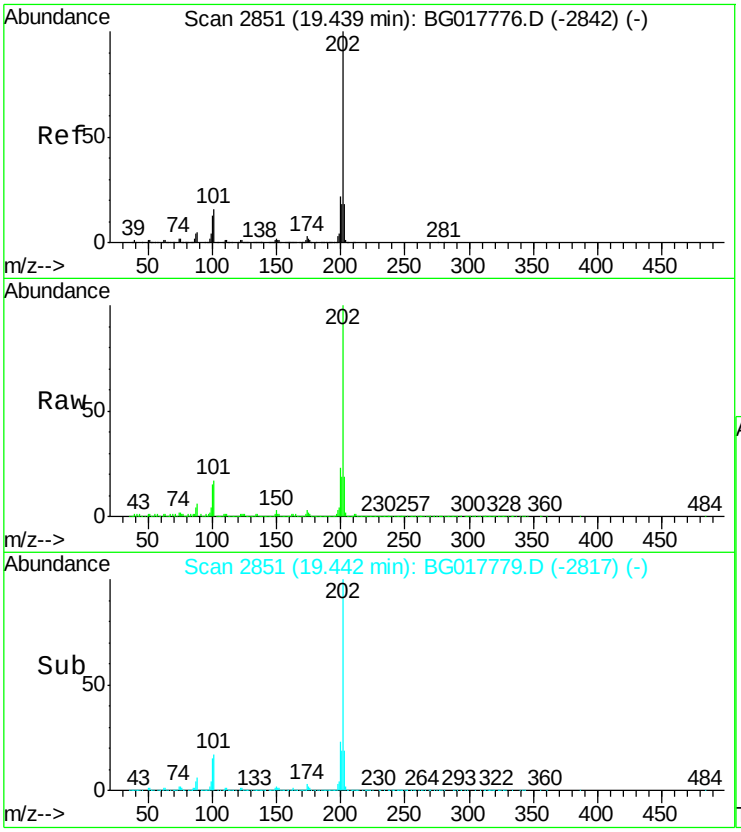


#76
Fluoranthene
Concen: 25.36 ng/ul
RT: 19.08 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:202 Resp: 954504

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.6	18.8
100	11.6	9.1	13.7

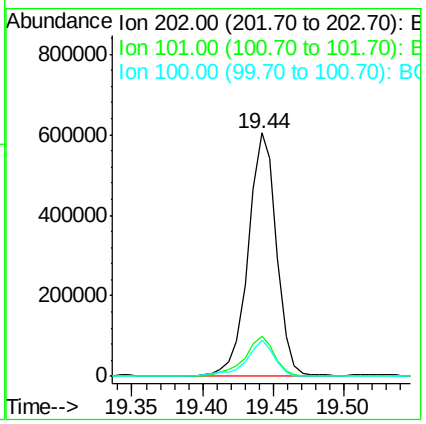




#79
Pyrene
Concen: 18.60 ng/ul
RT: 19.44 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:202 Resp: 851348

Ion	Ratio	Lower	Upper
202	100		
101	16.7	13.1	19.7
100	14.7	11.3	16.9



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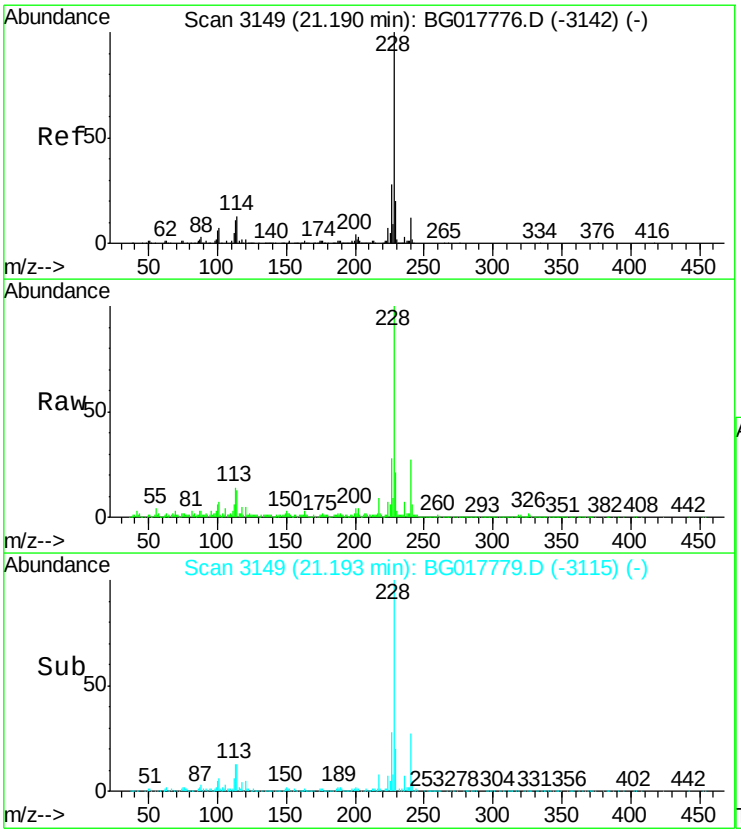
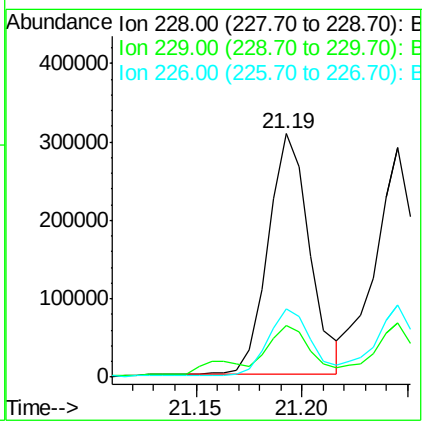
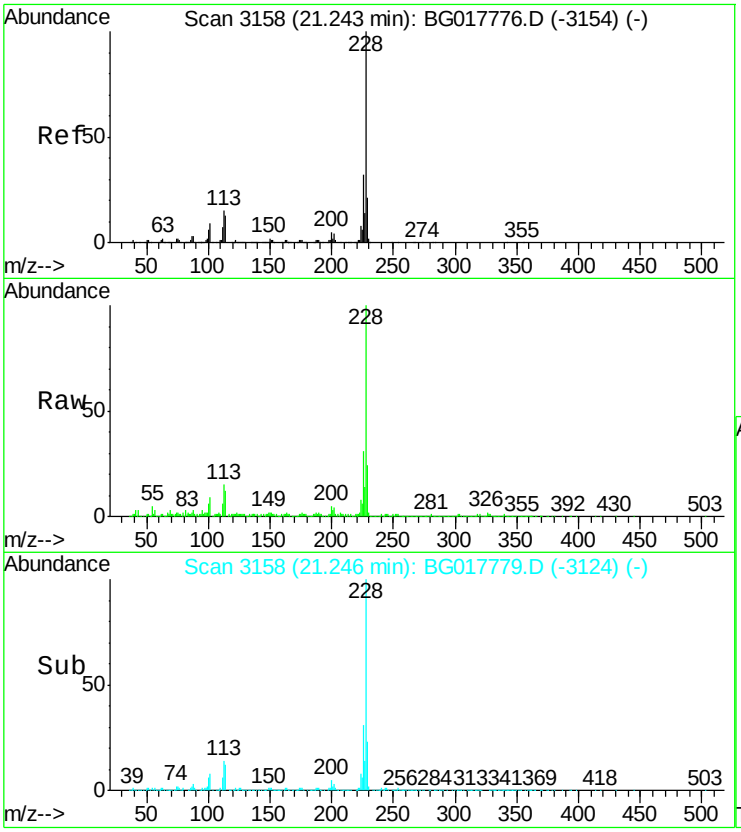


#82
Benzo(a)anthracene
Concen: 10.23 ng/ul
RT: 21.19 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:228 Resp: 422920

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	28.0	22.2	33.2

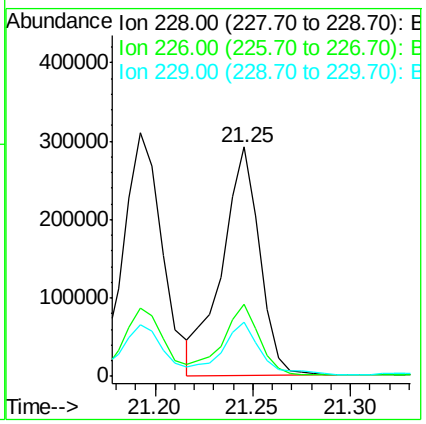




#84
Chrysene
Concen: 9.97 ng/ul
RT: 21.25 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:228 Resp: 390199

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.6	38.4
229	23.8	16.4	24.6



Instrument :
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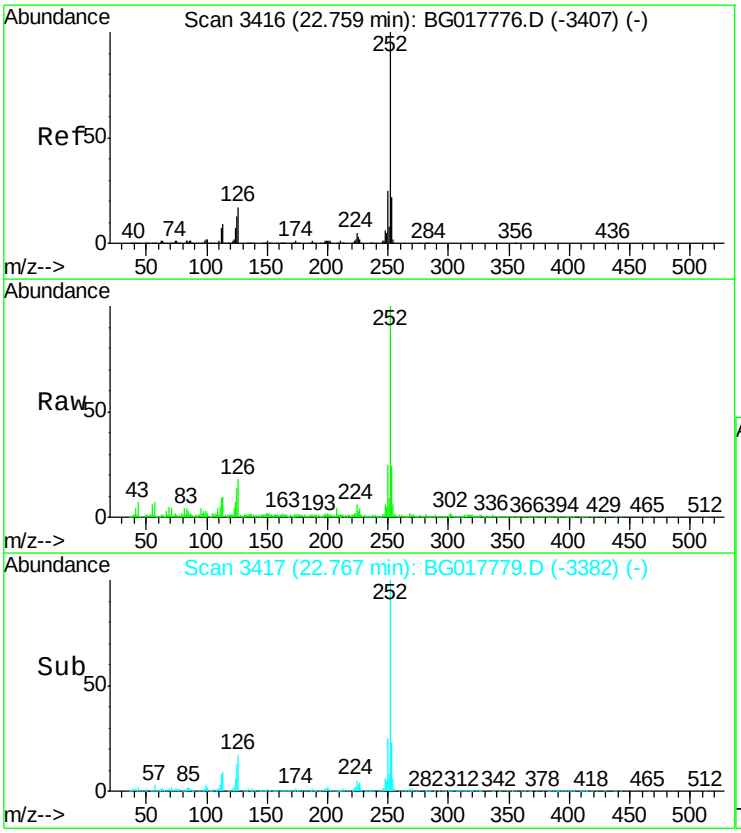
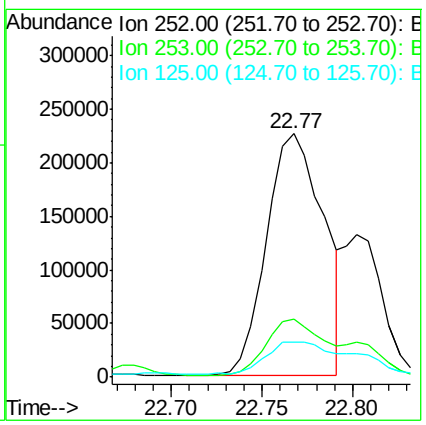
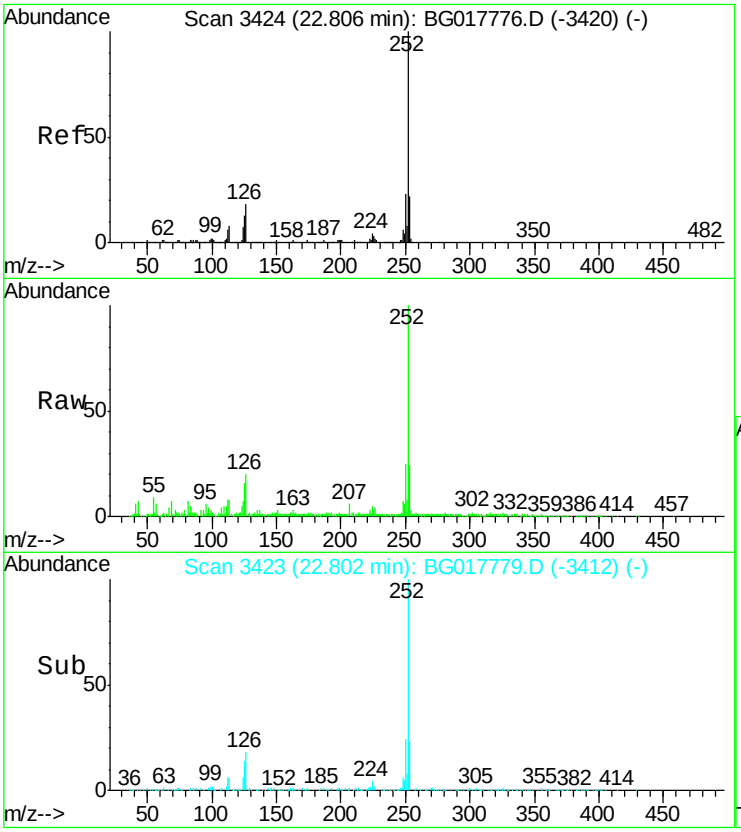


#87
Benzo(b)fluoranthene
Concen: 11.30 ng/ul
RT: 22.77 min Scan# 3417
Delta R.T. 0.01 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:252 Resp: 496767

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.8	25.2
125	14.4	10.4	15.6

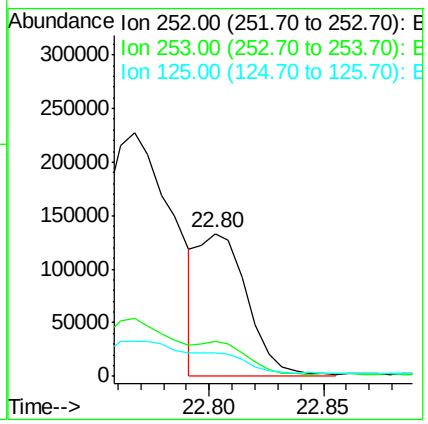




#88
Benzo(k)fluoranthene
Concen: 4.80 ng/ul m
RT: 22.80 min Scan# 3423
Delta R.T. -0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:252 Resp: 199035

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	16.3	11.6	17.4



Instrument :
BNA_G
ClientSampleId :
G93J9

Manual Integrations APPROVED
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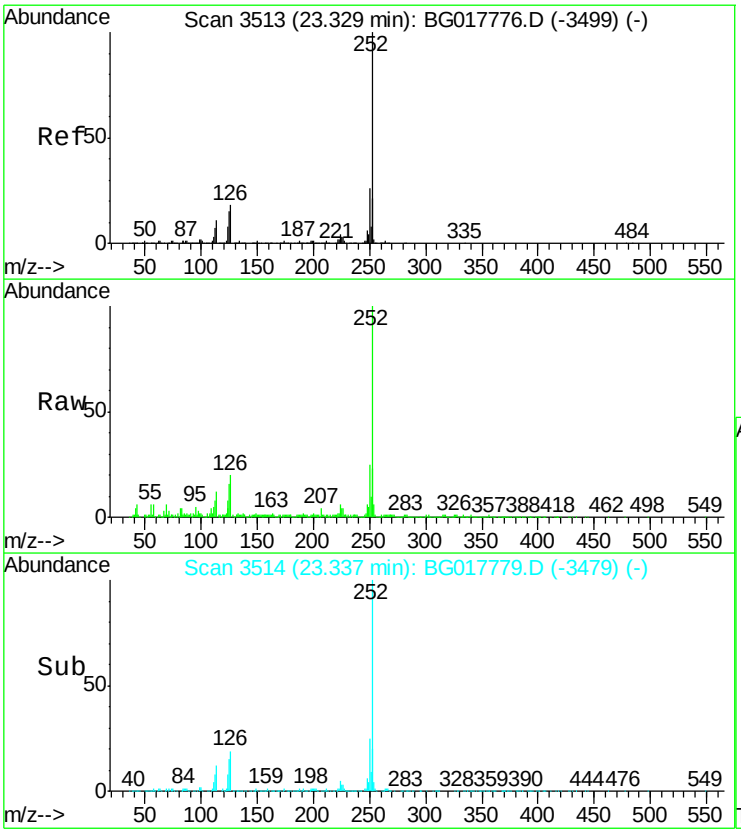
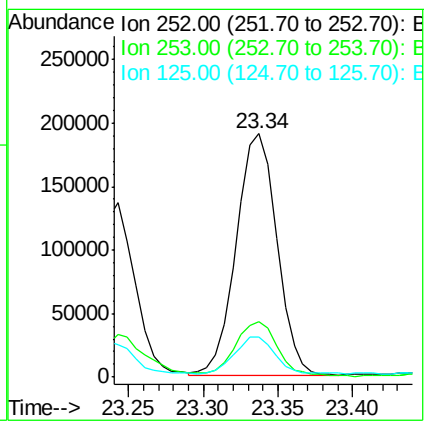
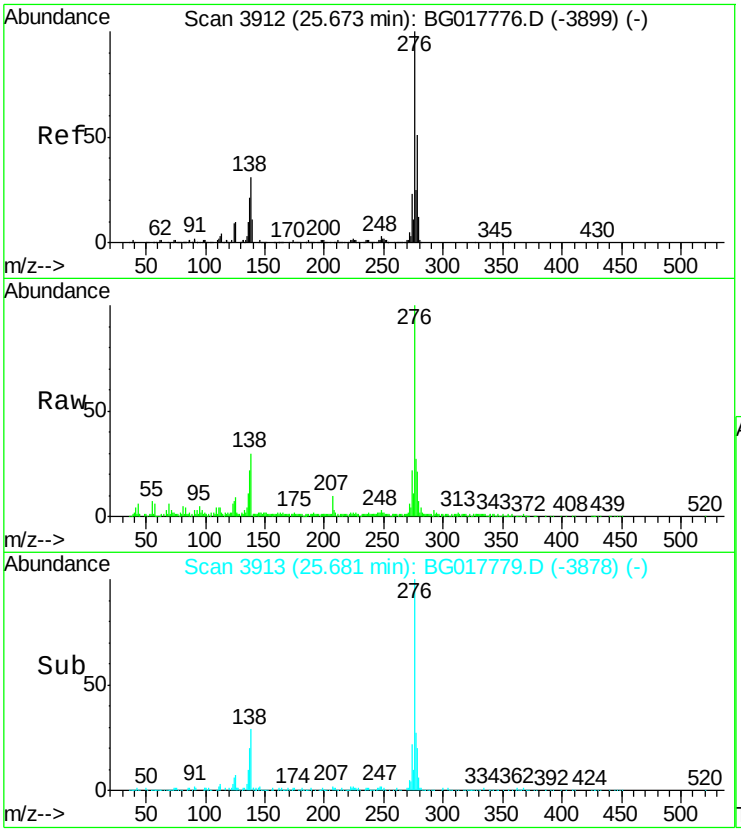


#90
Benzo(a)pyrene
Concen: 8.57 ng/ul
RT: 23.34 min Scan# 3514
Delta R.T. 0.01 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:252 Resp: 358208

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	16.3	12.1	18.1

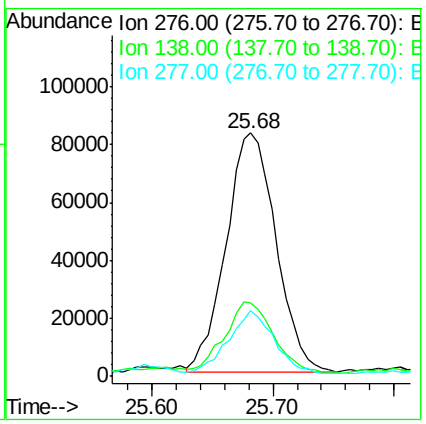




#91
Indeno(1,2,3-cd)pyrene
Concen: 5.22 ng/ul
RT: 25.68 min Scan# 3913
Delta R.T. 0.01 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:276 Resp: 237976

Ion	Ratio	Lower	Upper
276	100		
138	30.0	26.1	39.1
277	26.8	20.9	31.3



Instrument :
BNA_G
ClientSampleId :
G93J9

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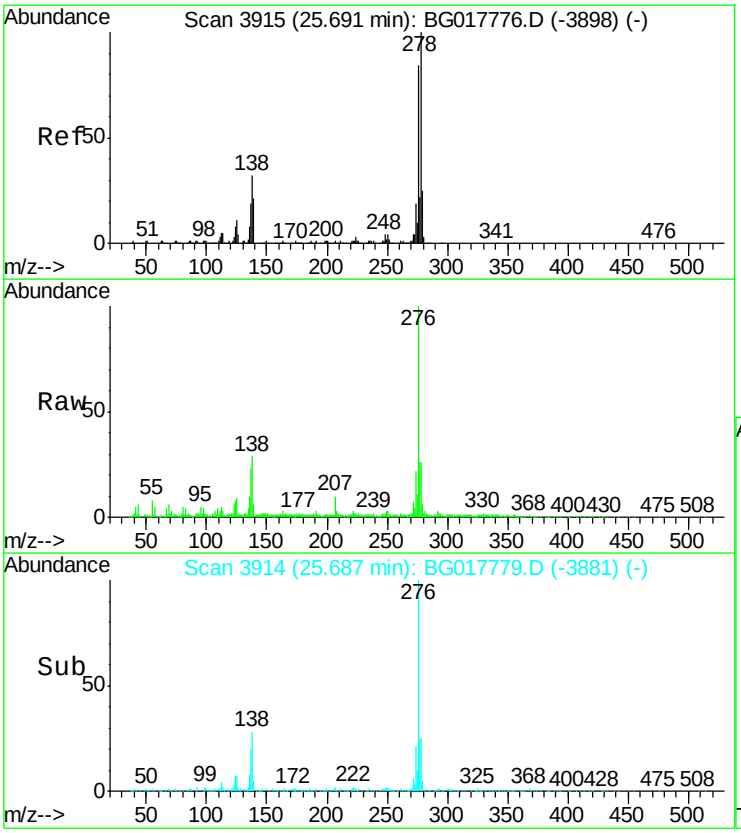
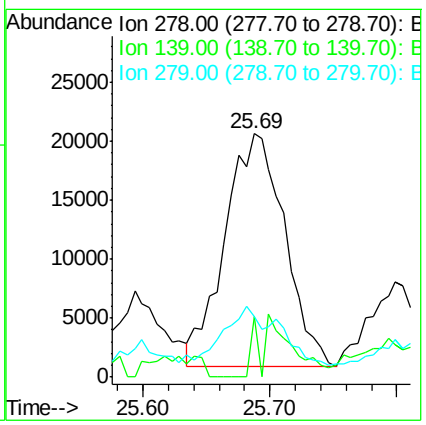
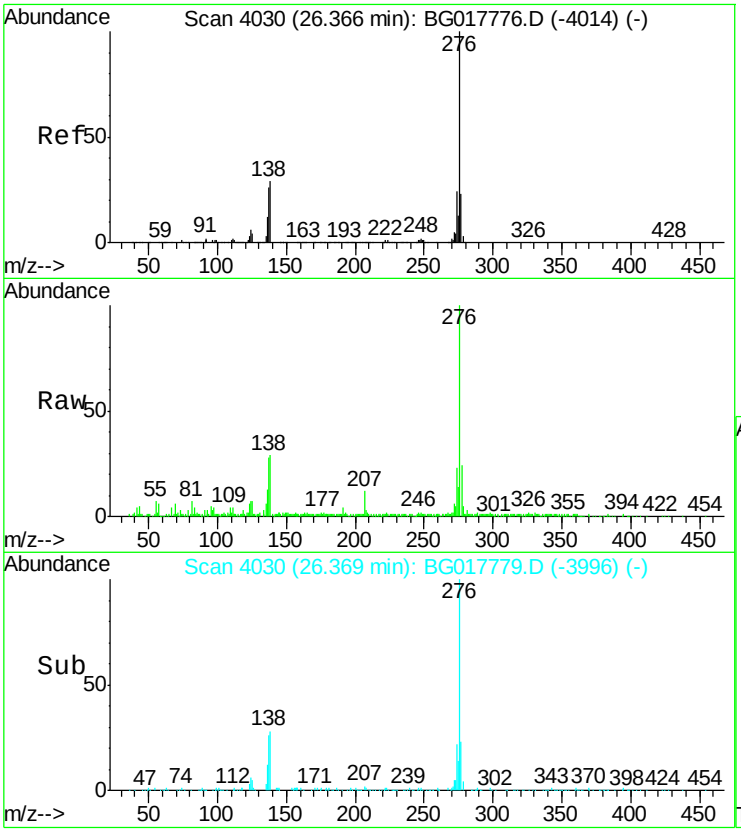


#92
Dibenzo(a,h)anthracene
Concen: 1.68 ng/ul
RT: 25.69 min Scan# 3914
Delta R.T. -0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:278 Resp: 64775

Ion	Ratio	Lower	Upper
278	100		
139	24.9	16.3	24.5#
279	25.0	18.7	28.1

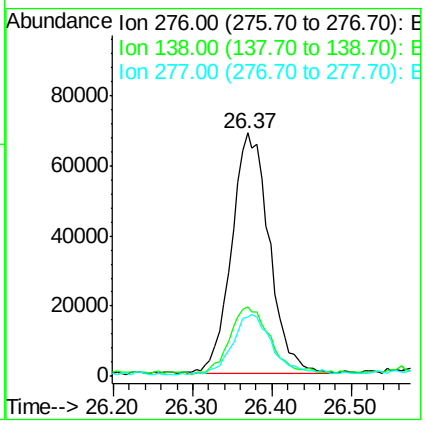




#93
Benzo(g,h,i)perylene
Concen: 5.88 ng/ul
RT: 26.37 min Scan# 4030
Delta R.T. 0.00 min
Lab File: BG017779.D
Acq: 6 Jul 2015 21:19

Tgt Ion:276 Resp: 224490

Ion	Ratio	Lower	Upper
276	100		
138	28.6	25.1	37.7
277	24.2	18.7	28.1



Instrument :
BNA_G
ClientSampleId :
G93J9

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