Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017793.D
Acq On : 7 Jul 2015 12:55
Operator : TP/UM
Sample : G2860-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J4

Manual Integrations APPROVED
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Quant Time: Jul 08 14:24:11 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	75334	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	344992	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	205266	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	394377	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	446936	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	455893	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	4538	2.38	ng/uL	0.00
5) Phenol-d5	6.78	99	100380	15.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	56482	14.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	81701	15.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	78480	15.08	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	39809	15.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	43054	16.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	74289	15.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	89962	13.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	206931	15.23	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	276837	15.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	33370	12.24	ng/ul	0.00
57) Fluorene-d10	15.26	176	201101	14.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	10336	5.65	ng/ul	0.00
70) Anthracene-d10	17.11	188	281910	15.68	ng/ul	0.00
78) Pyrene-d10	19.42	212	296055	13.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	274445	13.67	ng/ul	0.01
Target Compounds						Qvalue
14) Acetophenone	8.42	105	19299	2.52	ng/ul	92
28) Naphthalene	10.44	128	492037	27.57	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	171721	13.56	ng/ul	95
40) 1,1'-Biphenyl	13.08	154	67261	4.43	ng/ul	100
44) Dimethylphthalate	13.72	163	99772	6.61	ng/ul	98
47) Acenaphthylene	13.98	152	122388	6.11	ng/ul	95
49) Acenaphthene	14.32	153	469957	34.84	ng/ul	97
53) Dibenzofuran	14.66	168	528157	29.05	ng/ul	96
58) Fluorene	15.31	166	626197	38.77	ng/ul	96
69) Phenanthrene	17.06	178	3400510	157.76	ng/ul#	66
71) Anthracene	17.15	178	1429602	64.48	ng/ul	95
74) Carbazole	17.42	167	463140	25.09	ng/ul	99
76) Fluoranthene	19.09	202	3543352m	170.62	ng/ul	
79) Pyrene	19.46	202	3338856	122.42	ng/ul#	73
82) Benzo(a)anthracene	21.20	228	1968716	79.94	ng/ul#	87
84) Chrysene	21.25	228	1770755	75.92	ng/ul#	88
87) Benzo(b)fluoranthene	22.78	252	2193857	84.19	ng/ul#	90
88) Benzo(k)fluoranthene	22.82	252	748055m	30.46	ng/ul	
90) Benzo(a)pyrene	23.36	252	1697083	68.53	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.72	276	980317	36.26	ng/ul	94
92) Dibenzo(a,h)anthracene	25.72	278	262800	11.51	ng/ul#	74
93) Benzo(g,h,i)perylene	26.41	276	614130	27.15	ng/ul	96

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017793.D
Acq On : 7 Jul 2015 12:55
Operator : TP/UM
Sample : G2860-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 08 14:24:11 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

Instrument :
BNA_G
ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
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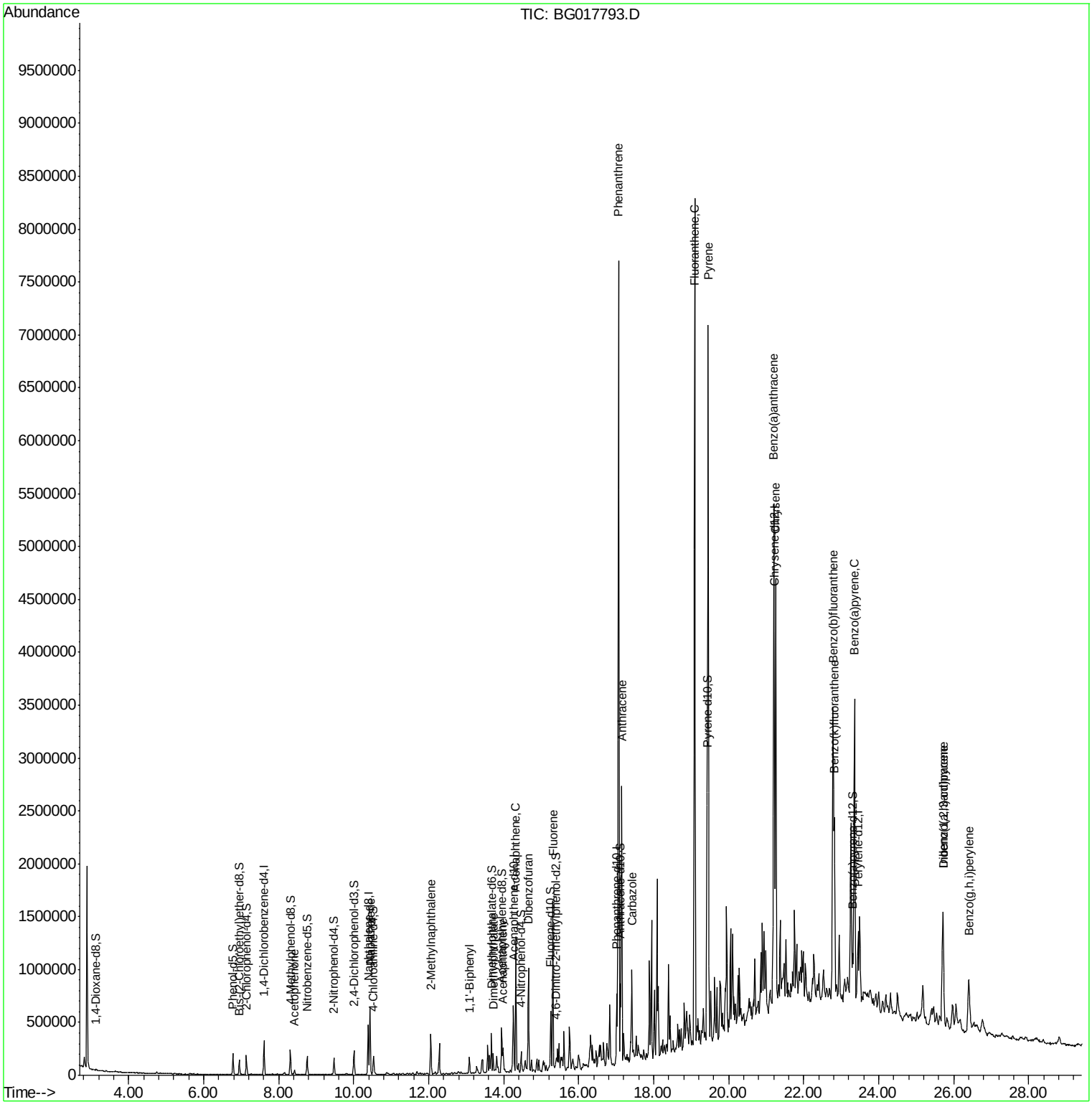
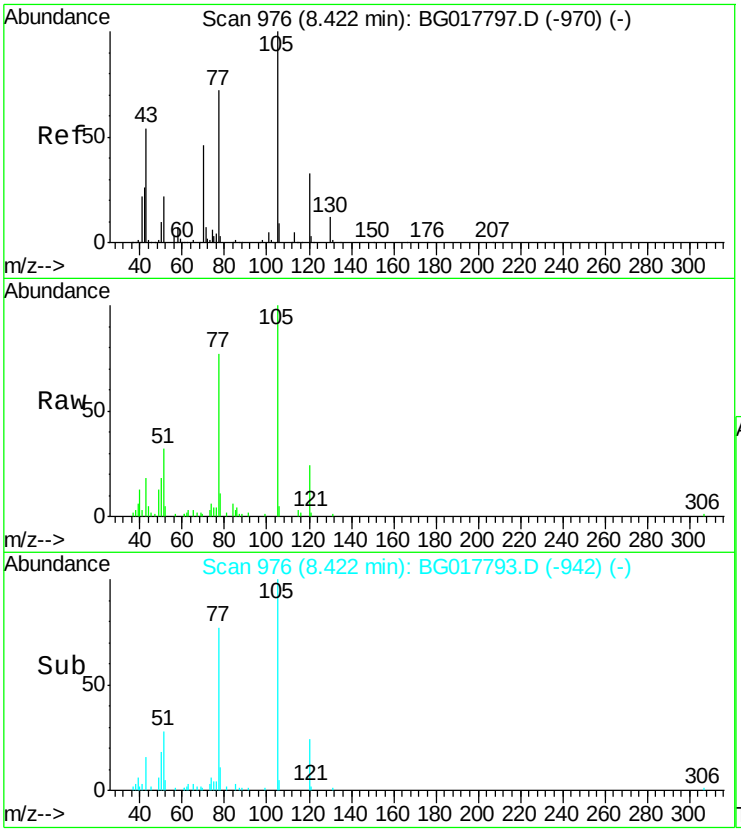
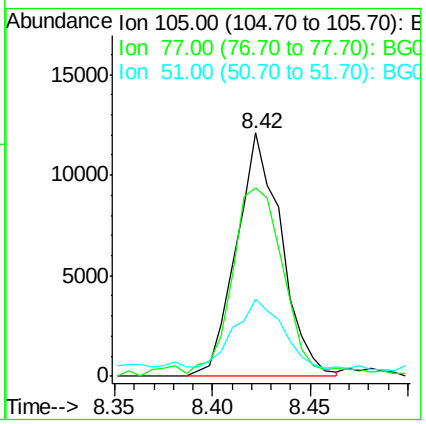




#14
Acetophenone
Concen: 2.52 ng/ul
RT: 8.42 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:105 Resp: 19299

Ion	Ratio	Lower	Upper
105	100		
77	77.4	69.5	104.3
51	31.8	26.7	40.1



Instrument :
BNA_G
ClientSampleId :
G93J4

Manual Integrations APPROVED
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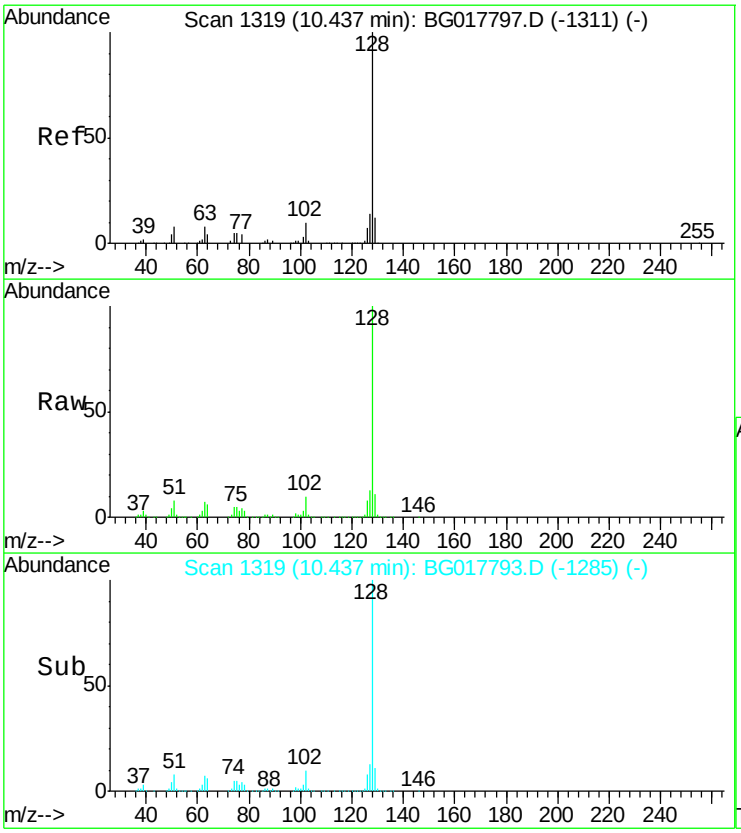
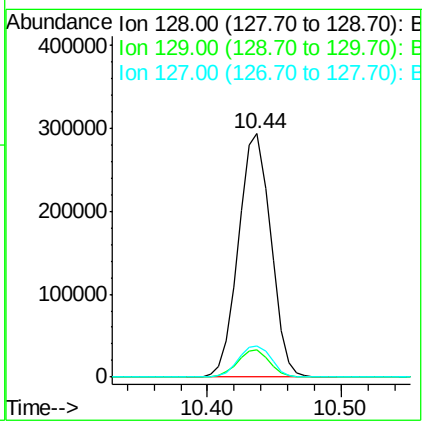
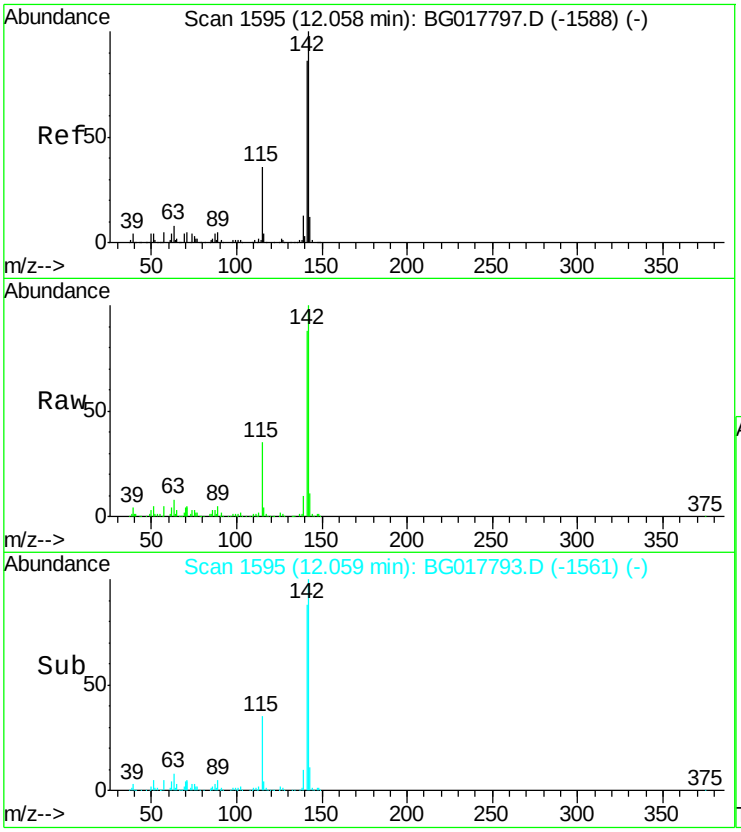


#28
Naphthalene
Concen: 27.57 ng/ul
RT: 10.44 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:128 Resp: 492037

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.0	11.0	16.6





#34
2-Methylnaphthalene
Concen: 13.56 ng/ul
RT: 12.06 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:142 Resp: 171721

Ion	Ratio	Lower	Upper
142	100		
141	88.0	66.6	100.0

Instrument :
BNA_G
ClientSampleId :
G93J4

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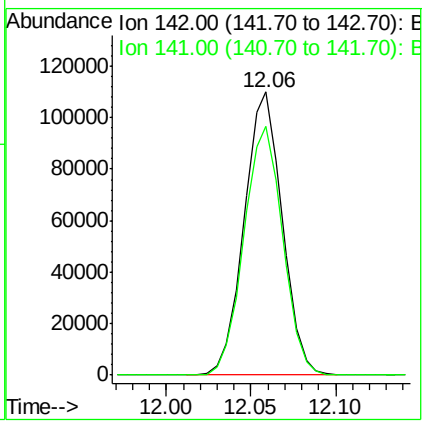
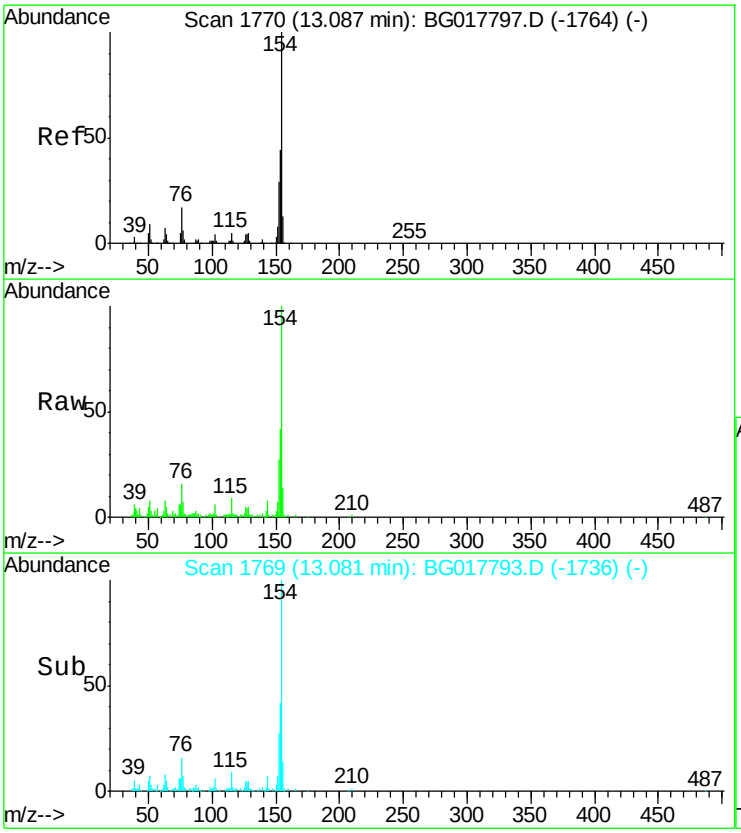
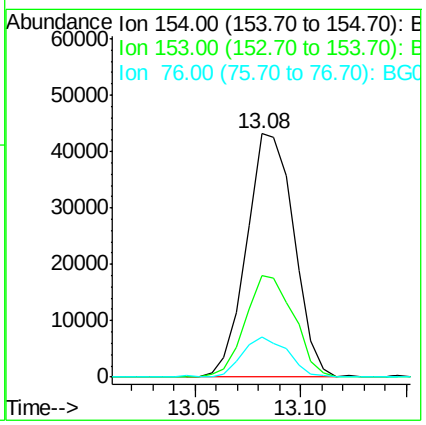


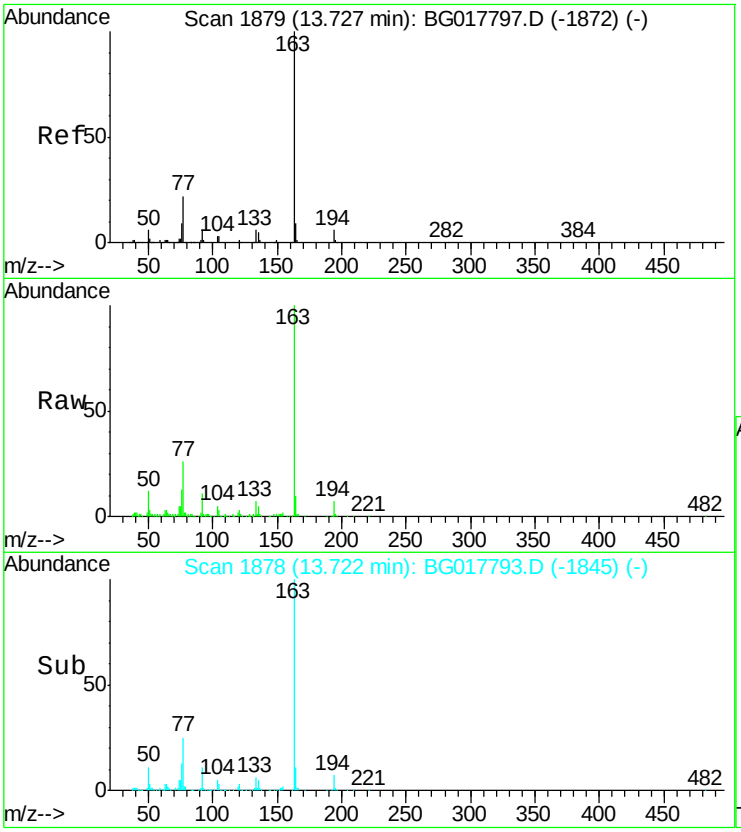


#40
1,1'-Biphenyl
Concen: 4.43 ng/ul
RT: 13.08 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:154 Resp: 67261

Ion	Ratio	Lower	Upper
154	100		
153	41.6	33.3	49.9
76	16.2	12.4	18.6

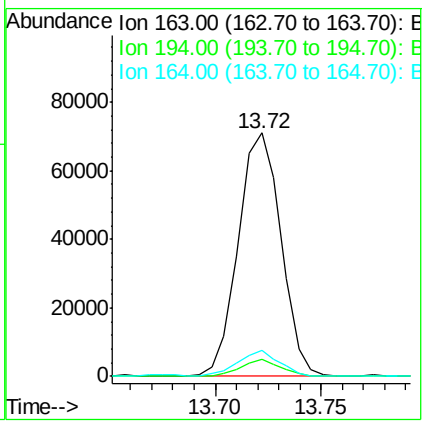




#44
Dimethylphthalate
Concen: 6.61 ng/ul
RT: 13.72 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:163 Resp: 99772

Ion	Ratio	Lower	Upper
163	100		
194	7.1	5.4	8.0
164	10.5	7.7	11.5



Instrument :
BNA_G
ClientSampleId :
G93J4

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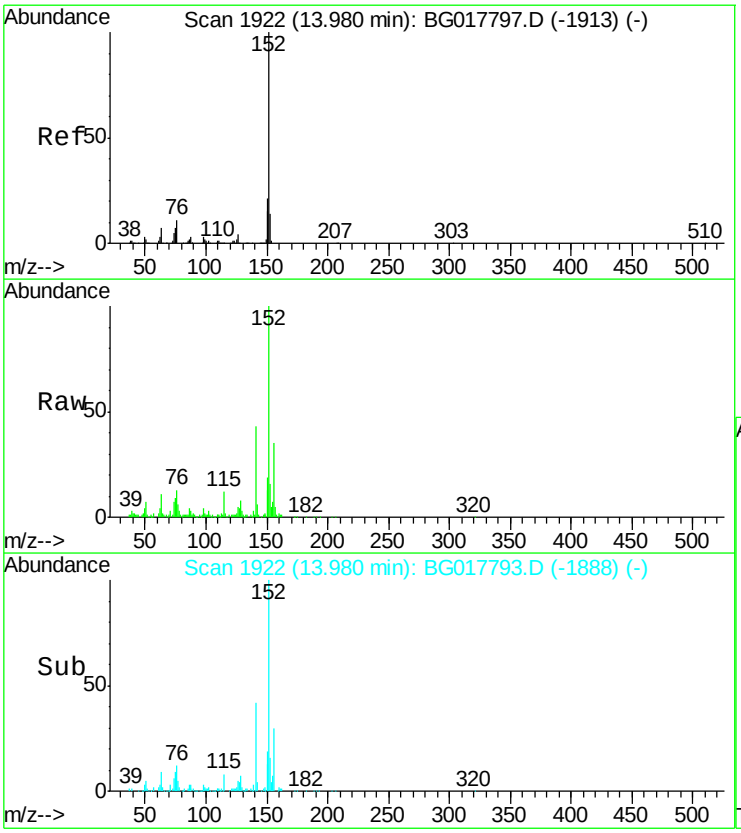
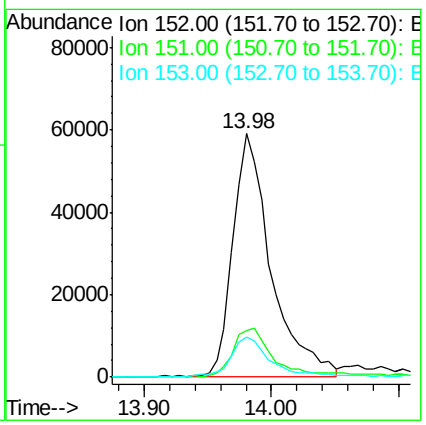
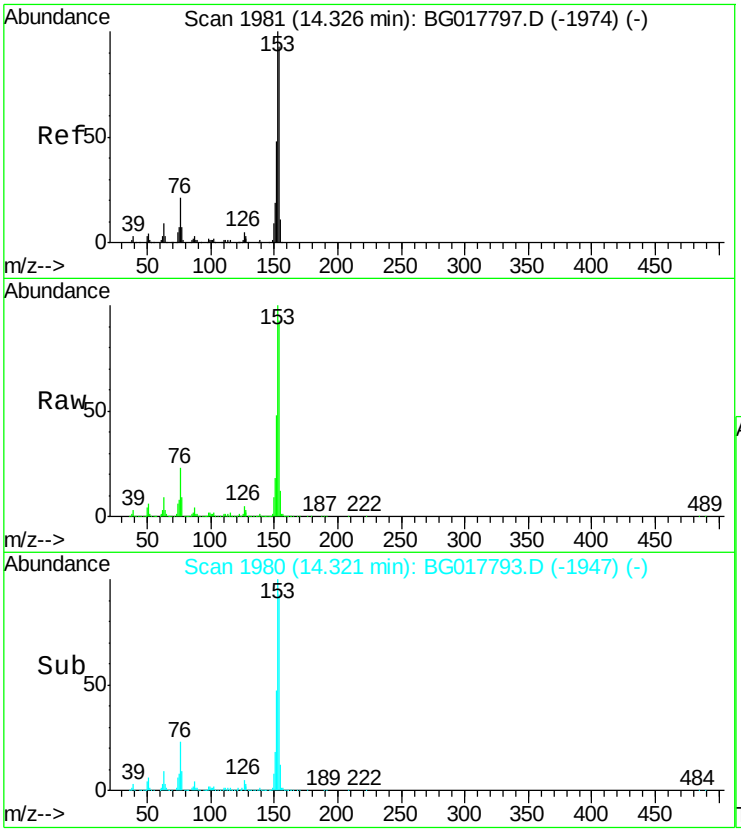


#47
Acenaphthylene
Concen: 6.11 ng/ul
RT: 13.98 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:152 Resp: 122388

Ion	Ratio	Lower	Upper
152	100		
151	18.9	17.0	25.6
153	16.3	11.2	16.8

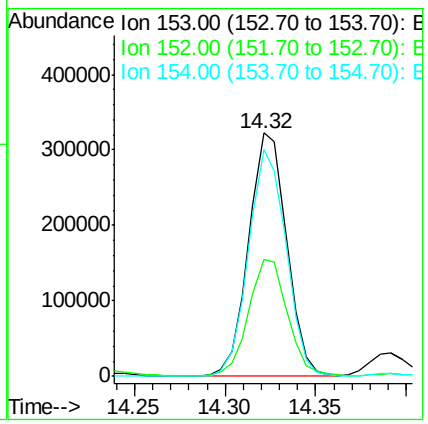




#49
Acenaphthene
Concen: 34.84 ng/ul
RT: 14.32 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:153 Resp: 469957

Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.8	56.6
154	93.0	71.2	106.8



Instrument :
BNA_G
ClientSampleId :
G93J4

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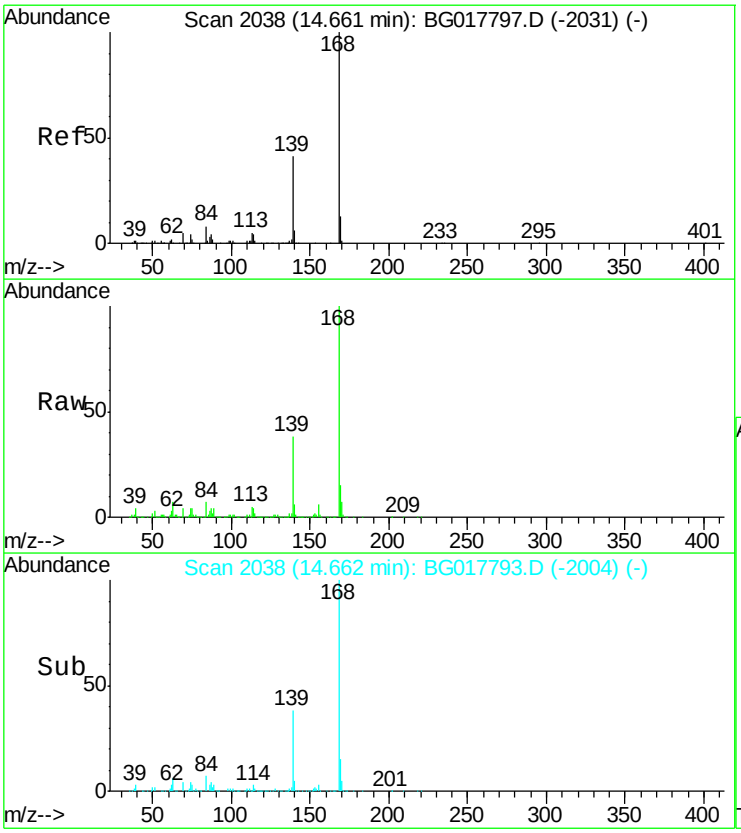
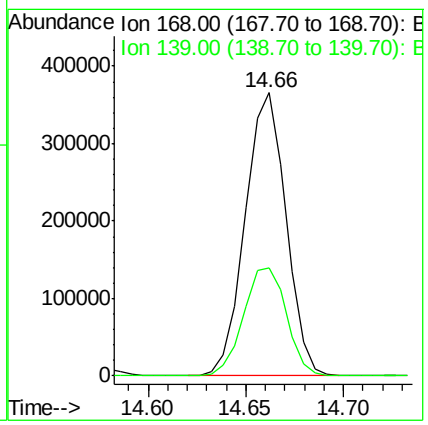
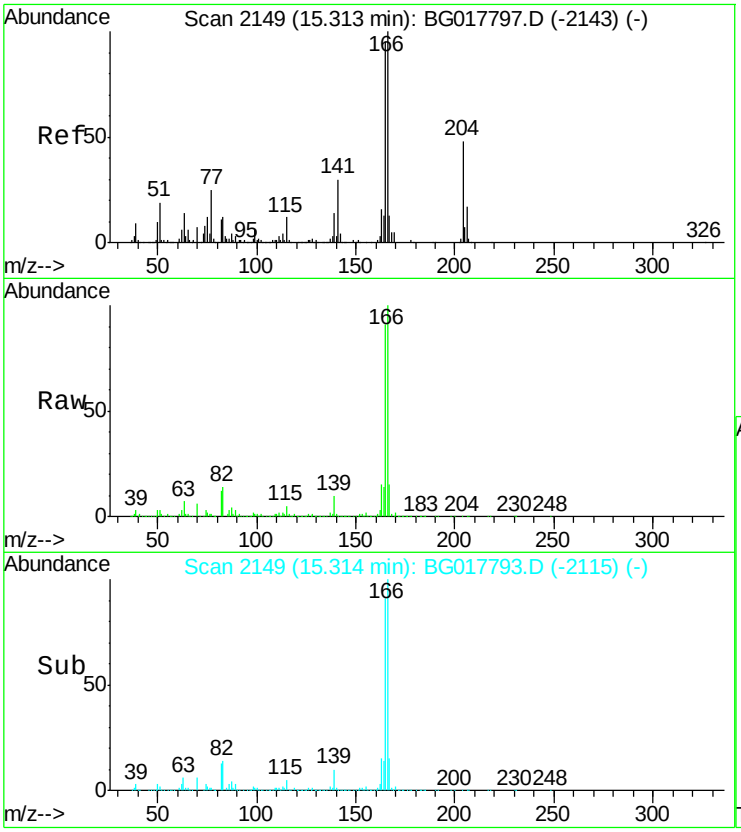


#53
Dibenzofuran
Concen: 29.05 ng/ul
RT: 14.66 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:168 Resp: 528157

Ion	Ratio	Lower	Upper
168	100		
139	38.3	32.7	49.1

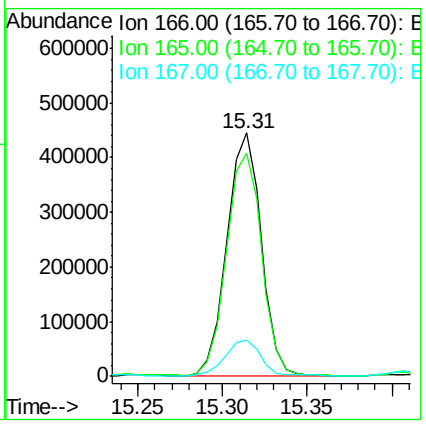




#58
Fluorene
Concen: 38.77 ng/ul
RT: 15.31 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:166 Resp: 626197

Ion	Ratio	Lower	Upper
166	100		
165	91.5	75.7	113.5
167	14.9	10.1	15.1



Instrument :
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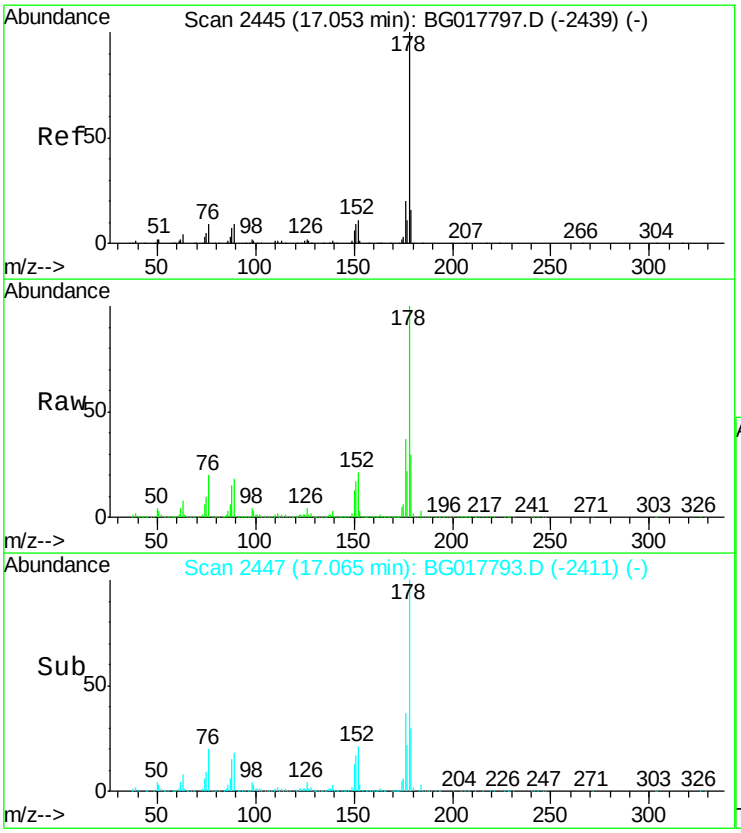
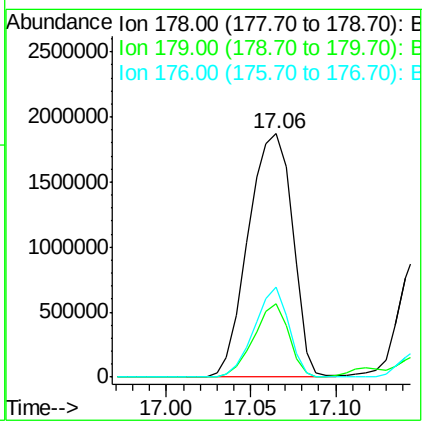
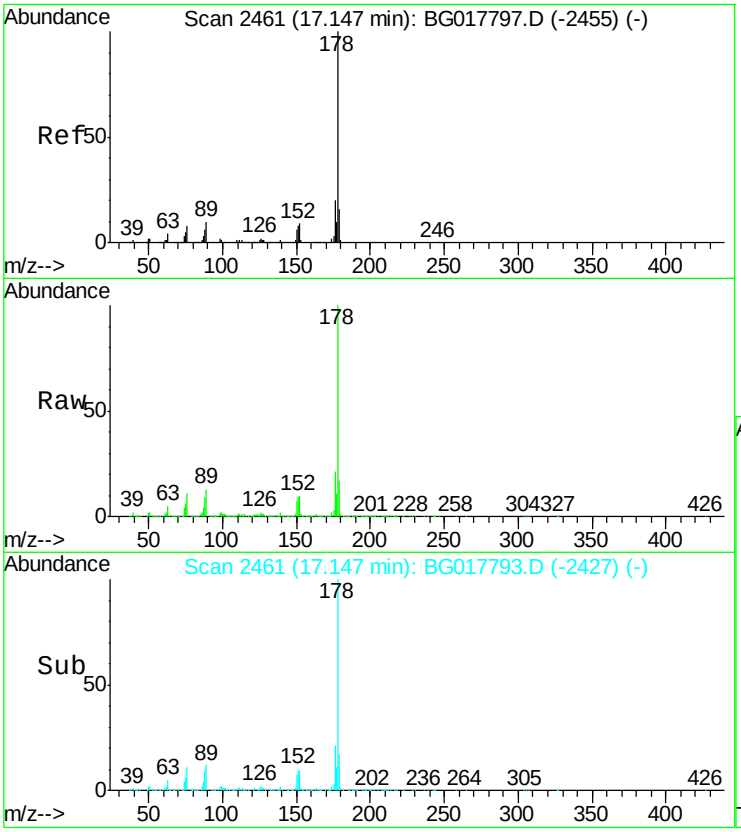


#69
Phenanthrene
Concen: 157.76 ng/ul
RT: 17.06 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:178 Resp: 3400510

Ion	Ratio	Lower	Upper
178	100		
179	30.3	13.0	19.4#
176	37.2	17.0	25.4#

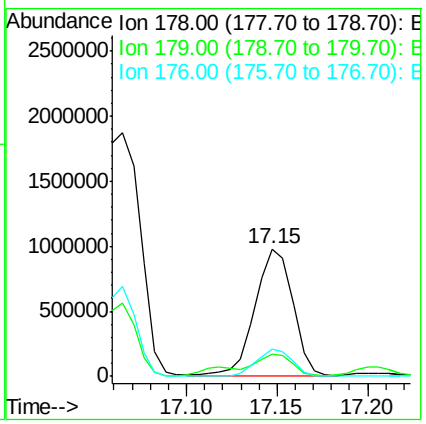




#71
Anthracene
Concen: 64.48 ng/ul
RT: 17.15 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:178 Resp: 1429602

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.4	18.6
176	21.5	15.3	22.9



Instrument :
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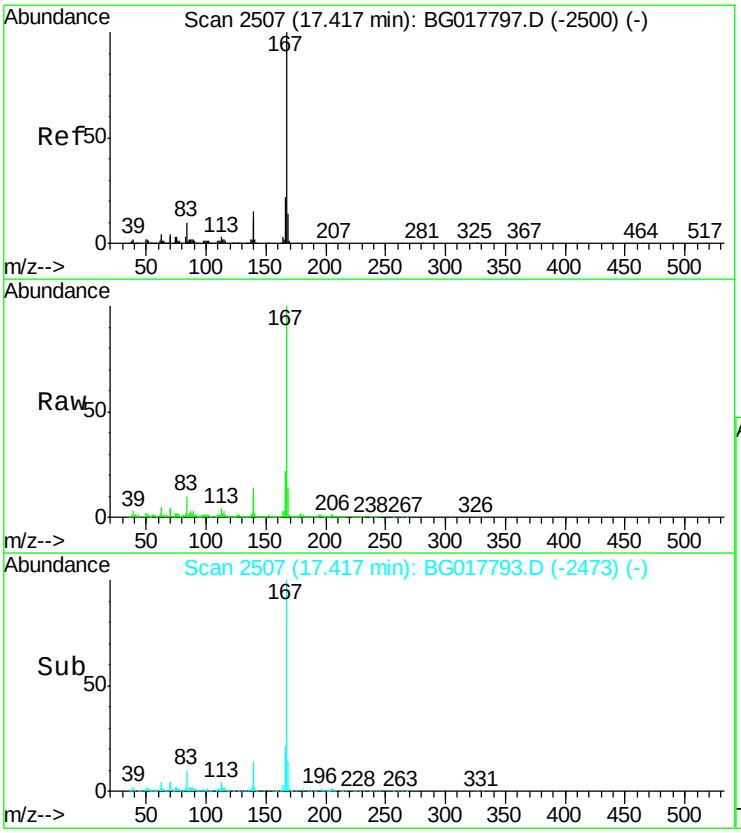
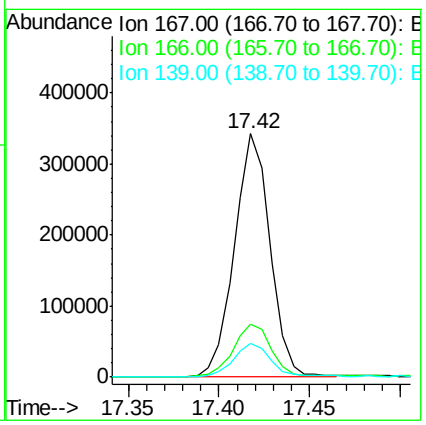
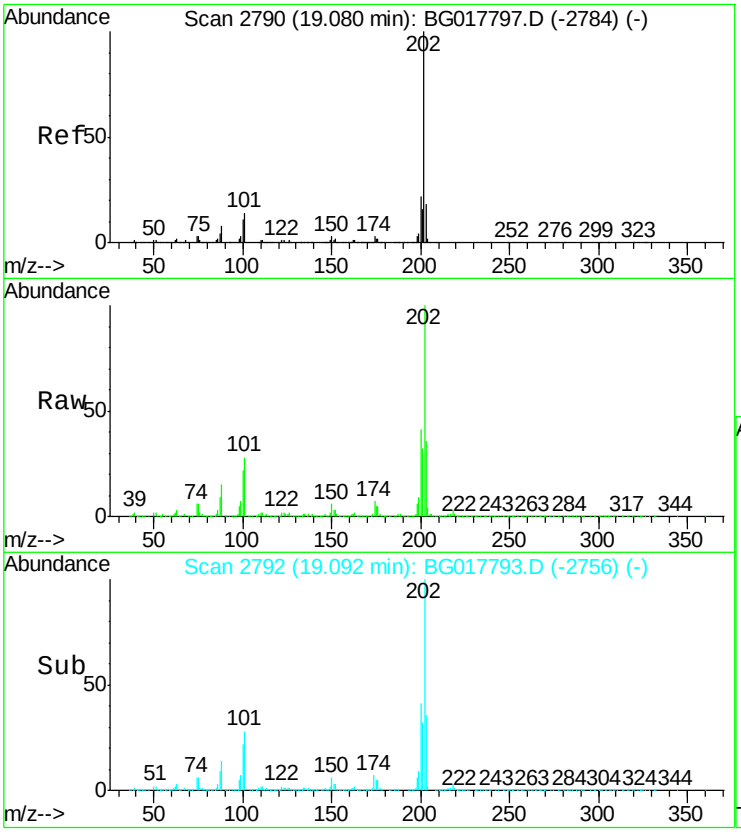


#74
Carbazole
Concen: 25.09 ng/ul
RT: 17.42 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:167 Resp: 463140

Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.0	27.0
139	13.9	11.4	17.0

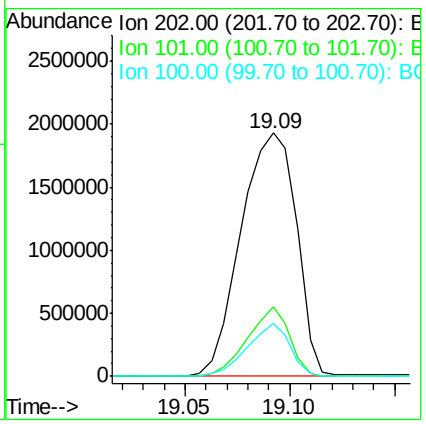




#76
Fluoranthene
Concen: 170.62 ng/ul m
RT: 19.09 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:202 Resp: 3543352

Ion	Ratio	Lower	Upper
202	100		
101	28.4	12.6	18.8#
100	22.0	9.1	13.7#



Instrument :
BNA_G
ClientSampleId :
G93J4

Manual Integrations APPROVED
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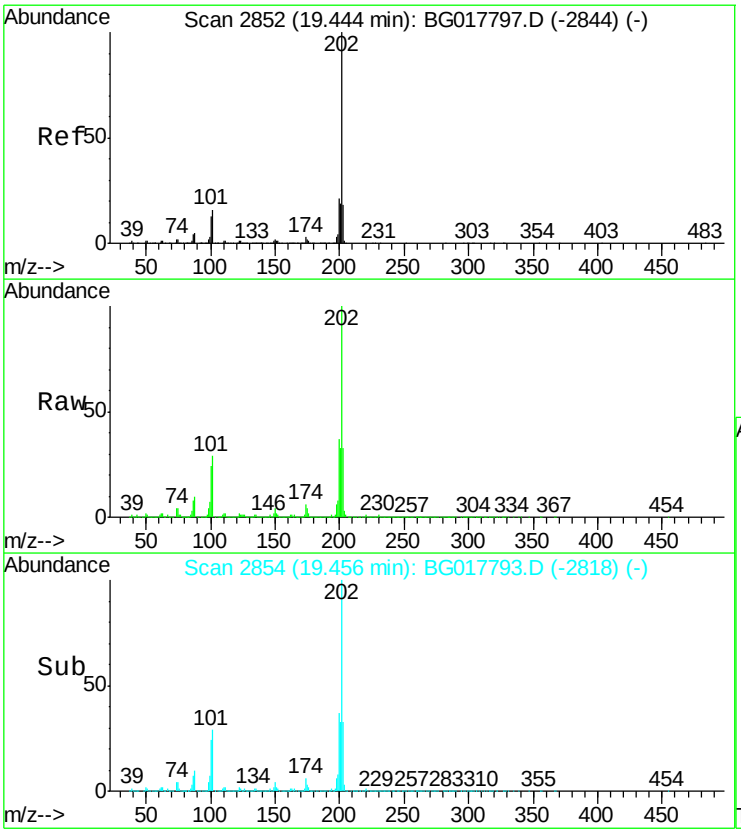
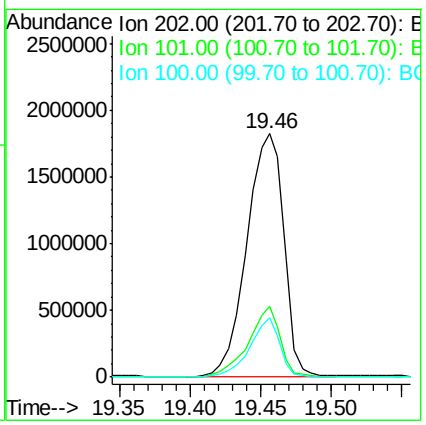
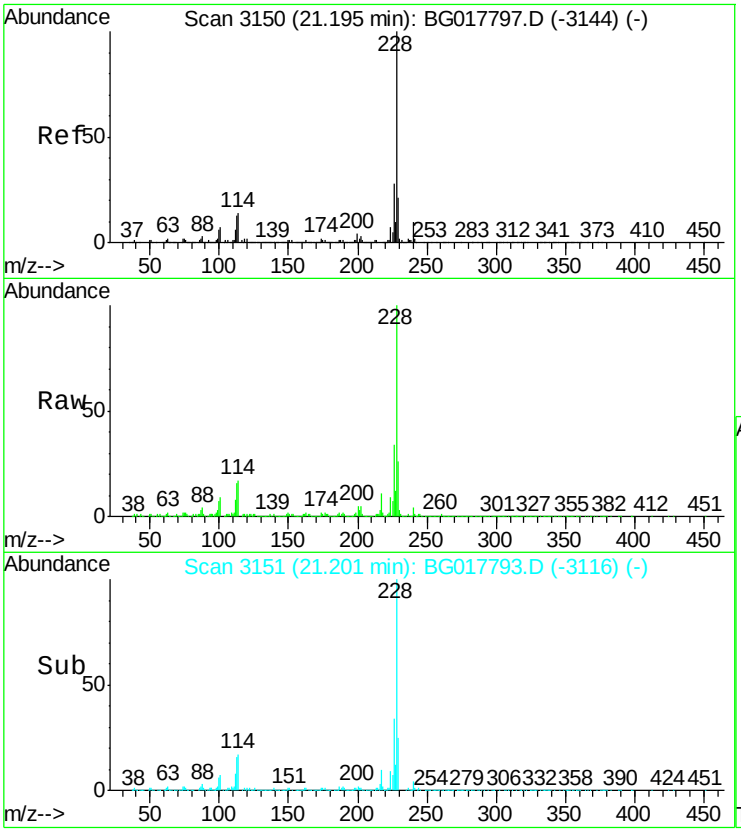


#79
Pyrene
Concen: 122.42 ng/ul
RT: 19.46 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:202 Resp: 3338856

Ion	Ratio	Lower	Upper
202	100		
101	28.9	13.1	19.7#
100	24.2	11.3	16.9#





#82
Benzo(a)anthracene
Concen: 79.94 ng/ul
RT: 21.20 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:228 Resp: 1968716

Ion	Ratio	Lower	Upper
228	100		
229	26.5	15.8	23.8#
226	33.9	22.2	33.2#

Instrument :
BNA_G
ClientSampleId :
G93J4

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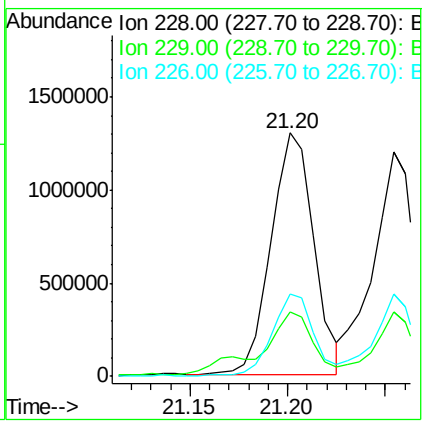
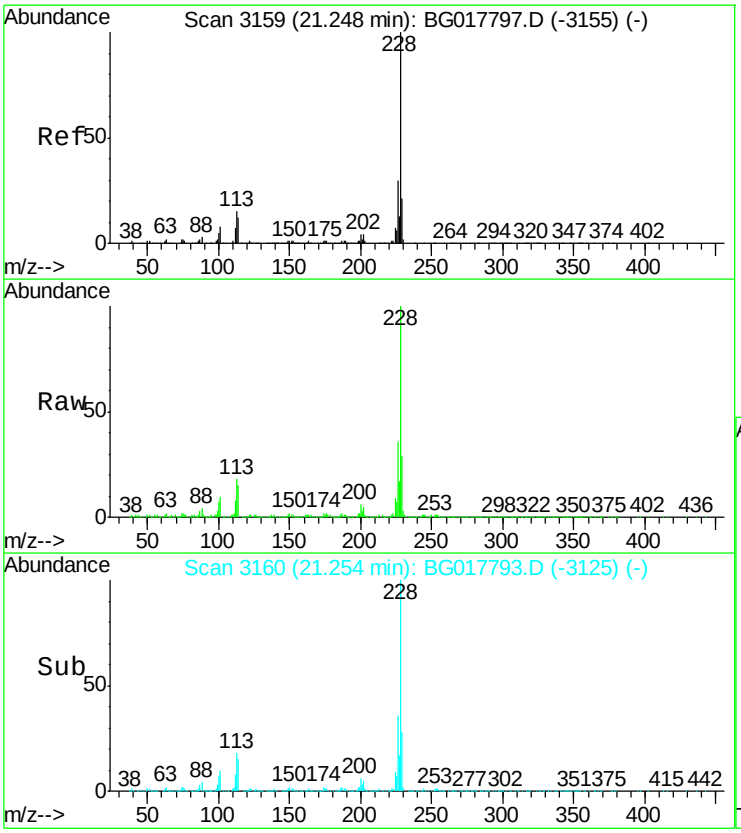
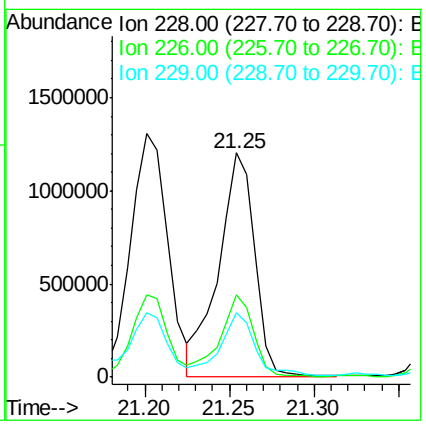


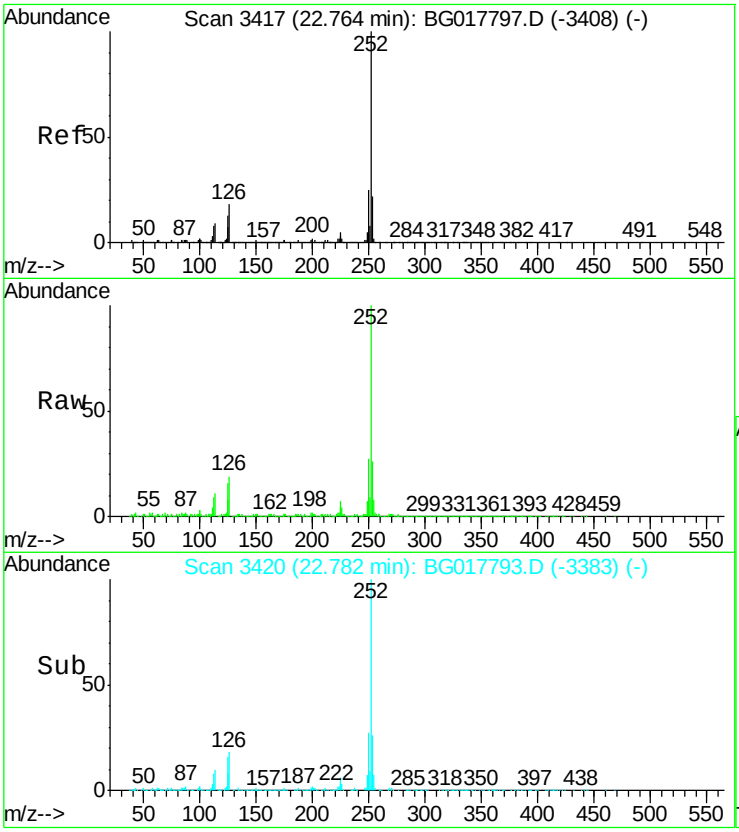


#84
Chrysene
Concen: 75.92 ng/ul
RT: 21.25 min Scan# 3160
Delta R.T. 0.01 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:228 Resp: 1770755

Ion	Ratio	Lower	Upper
228	100		
226	36.5	25.6	38.4
229	28.6	16.4	24.6#

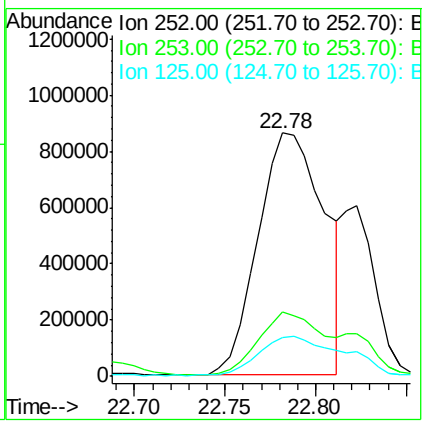




#87
Benzo(b)fluoranthene
Concen: 84.19 ng/ul
RT: 22.78 min Scan# 3420
Delta R.T. 0.02 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:252 Resp: 2193857

Ion	Ratio	Lower	Upper
252	100		
253	26.4	16.8	25.2#
125	16.1	10.4	15.6#



Instrument :
BNA_G
ClientSampleId :
G93J4

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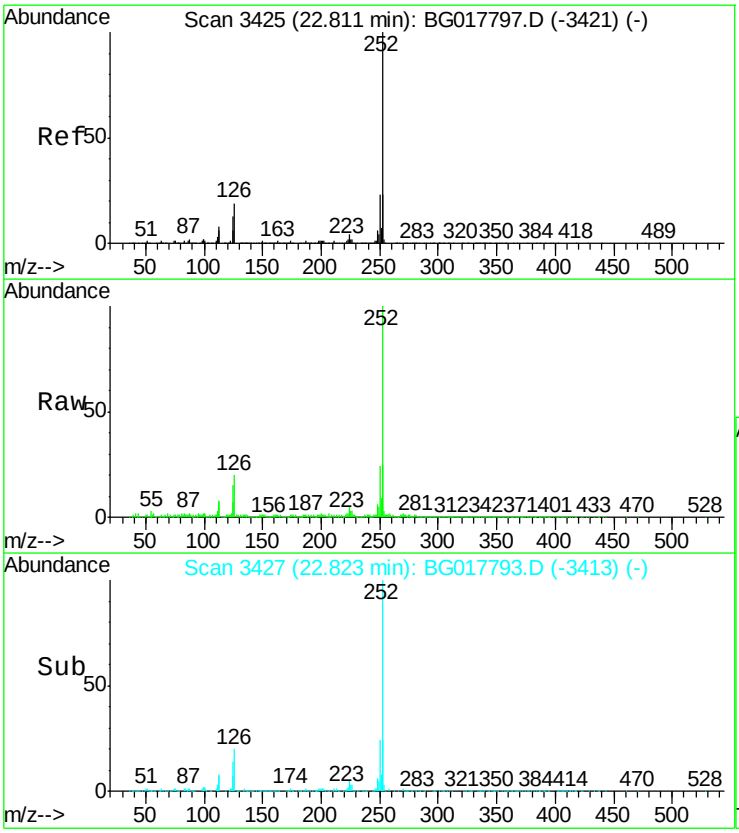
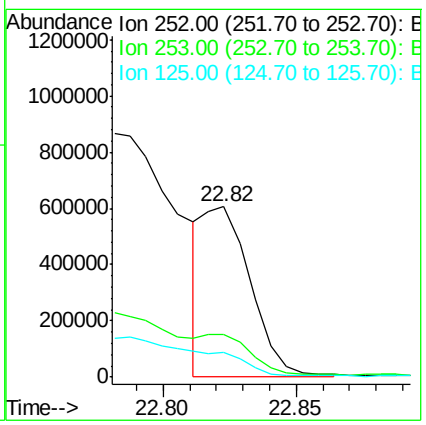
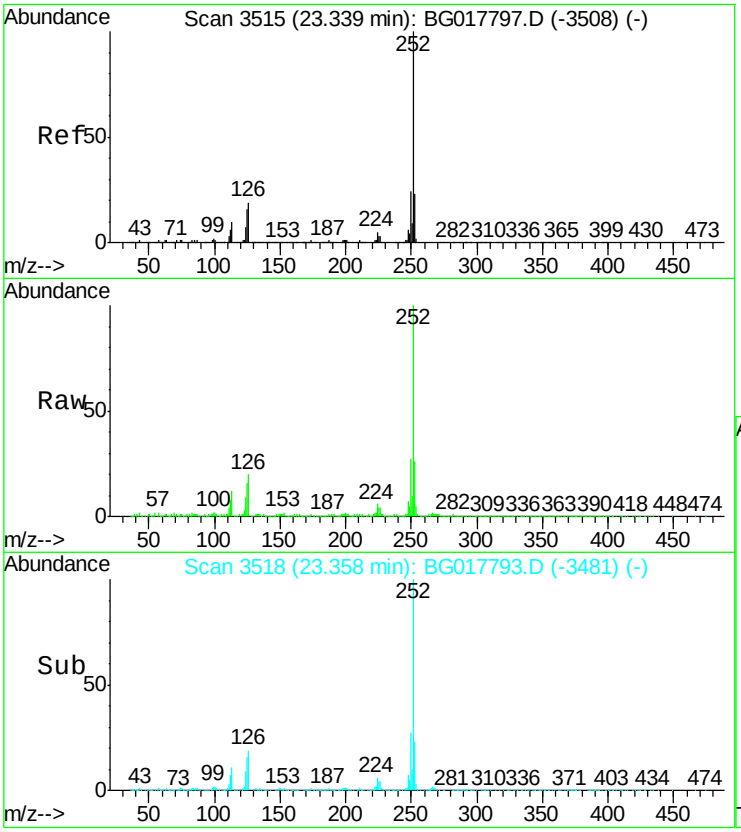


#88
Benzo(k)fluoranthene
Concen: 30.46 ng/ul m
RT: 22.82 min Scan# 3427
Delta R.T. 0.01 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:252 Resp: 748055

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.6	26.4
125	14.6	11.6	17.4

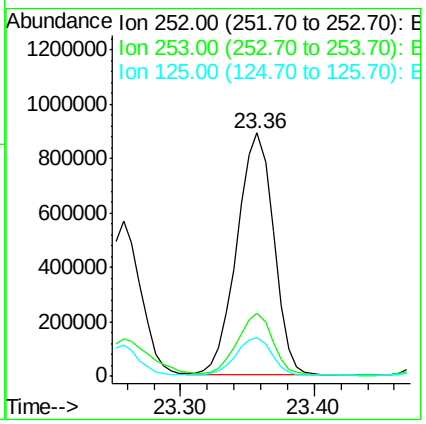




#90
Benzo(a)pyrene
Concen: 68.53 ng/ul
RT: 23.36 min Scan# 3518
Delta R.T. 0.02 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:252 Resp: 1697083

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.3	27.5
125	16.2	12.1	18.1



Instrument :
BNA_G
ClientSampleId :
G93J4

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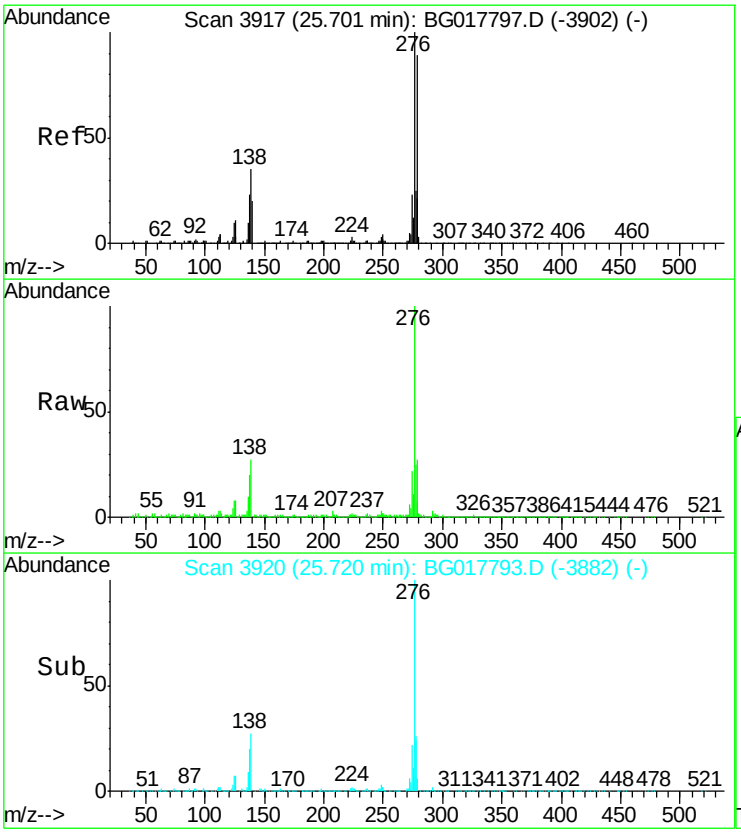
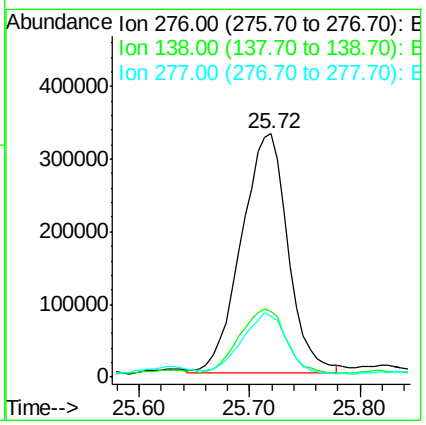
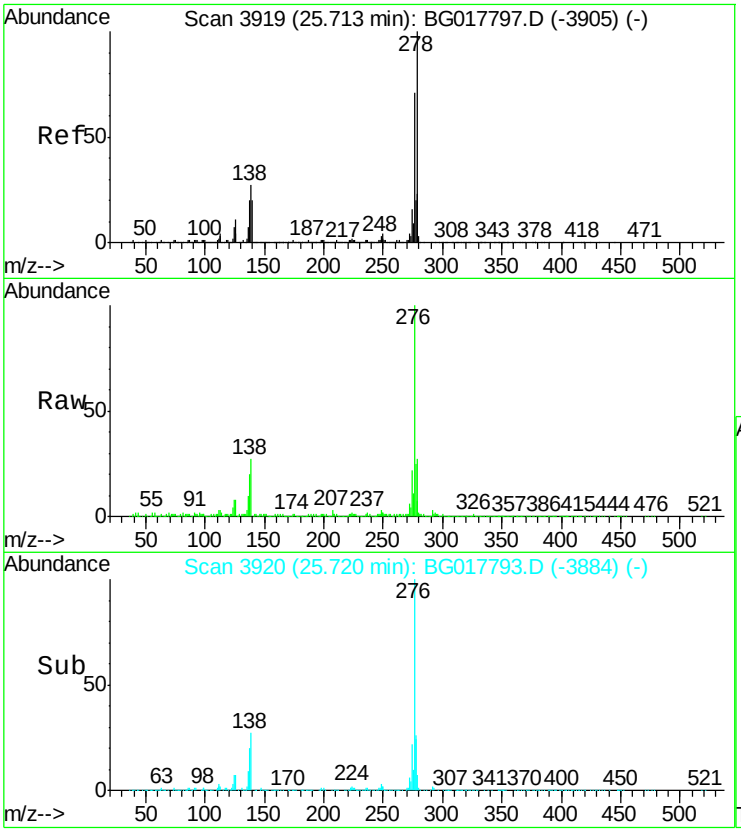


#91
Indeno(1,2,3-cd)pyrene
Concen: 36.26 ng/ul
RT: 25.72 min Scan# 3920
Delta R.T. 0.02 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:276 Resp: 980317

Ion	Ratio	Lower	Upper
276	100		
138	27.2	26.1	39.1
277	24.9	20.9	31.3





#92
Dibenzo(a,h)anthracene
Concen: 11.51 ng/ul
RT: 25.72 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:278 Resp: 262800

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.3	24.5#
279	28.0	18.7	28.1

Instrument :
BNA_G
ClientSampleId :
G93J4

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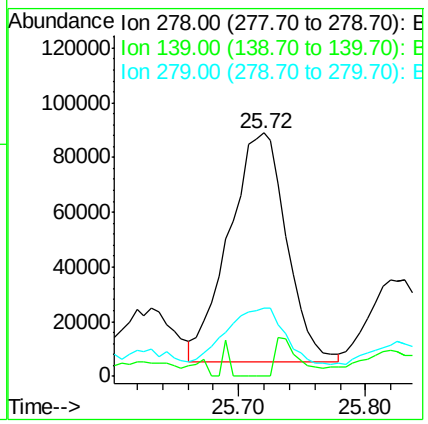
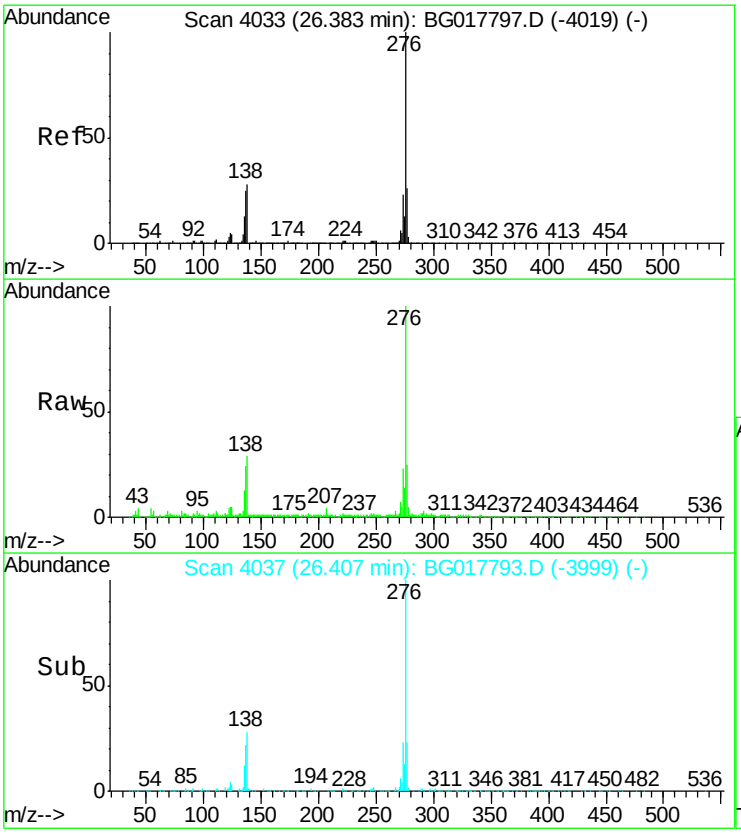
apatel
7/9/2015 8:30:43 AM





#93
Benzo(g,h,i)perylene
Concen: 27.15 ng/ul
RT: 26.41 min Scan# 4037
Delta R.T. 0.02 min
Lab File: BG017793.D
Acq: 7 Jul 2015 12:55

Tgt Ion:276 Resp: 614130

Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.1	37.7
277	24.8	18.7	28.1