Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017783.D
Acq On : 6 Jul 2015 23:40
Operator : TP/UM
Sample : G2860-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J6

Manual Integrations APPROVED
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Quant Time: Jul 07 12:01:19 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	112747	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	529128	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	324691	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	649042	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	703623	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	726366	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	4493	1.58	ng/uL	0.00
5) Phenol-d5	6.78	99	104390	10.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	58509	10.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	85492	10.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	86531	11.11	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	41328	10.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	44519	11.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	81203	10.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	84643	8.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	223478	10.40	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	299792	10.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	36517	8.47	ng/ul	0.00
57) Fluorene-d10	15.25	176	226834	10.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	15694	5.21	ng/ul	0.00
70) Anthracene-d10	17.11	188	316591	10.70	ng/ul	0.00
78) Pyrene-d10	19.41	212	332522	9.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	314606	9.84	ng/ul	0.02
Target Compounds						Qvalue
14) Acetophenone	8.42	105	22061	1.92	ng/ul	89
28) Naphthalene	10.44	128	64133	2.34	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	27172	1.40	ng/ul	97
44) Dimethylphthalate	13.72	163	77277	3.24	ng/ul	98
47) Acenaphthylene	13.98	152	46486	1.47	ng/ul	96
49) Acenaphthene	14.32	153	103825	4.87	ng/ul	99
53) Dibenzofuran	14.66	168	89216	3.10	ng/ul	97
58) Fluorene	15.31	166	116906	4.58	ng/ul	99
69) Phenanthrene	17.05	178	1601818	45.16	ng/ul	96
71) Anthracene	17.15	178	403159	11.05	ng/ul	99
74) Carbazole	17.42	167	197198	6.49	ng/ul	99
76) Fluoranthene	19.09	202	2356721m	68.95	ng/ul	
79) Pyrene	19.45	202	2154577	50.18	ng/ul#	92
82) Benzo(a)anthracene	21.20	228	1201454	30.99	ng/ul	92
84) Chrysene	21.25	228	1172913	31.94	ng/ul	97
87) Benzo(b)fluoranthene	22.78	252	1593729	38.39	ng/ul	94
88) Benzo(k)fluoranthene	22.81	252	460004m	11.76	ng/ul	
90) Benzo(a)pyrene	23.35	252	1092694	27.69	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.70	276	713316	16.56	ng/ul	96
92) Dibenzo(a,h)anthracene	25.71	278	196505	5.40	ng/ul#	75
93) Benzo(g,h,i)perylene	26.39	276	520411	14.44	ng/ul	95

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017783.D
Acq On : 6 Jul 2015 23:40
Operator : TP/UM
Sample : G2860-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 07 12:01:19 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

Instrument :
BNA_G
ClientSampleId :
G93J6

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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\BG070615\
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Manual Integrations APPROVED
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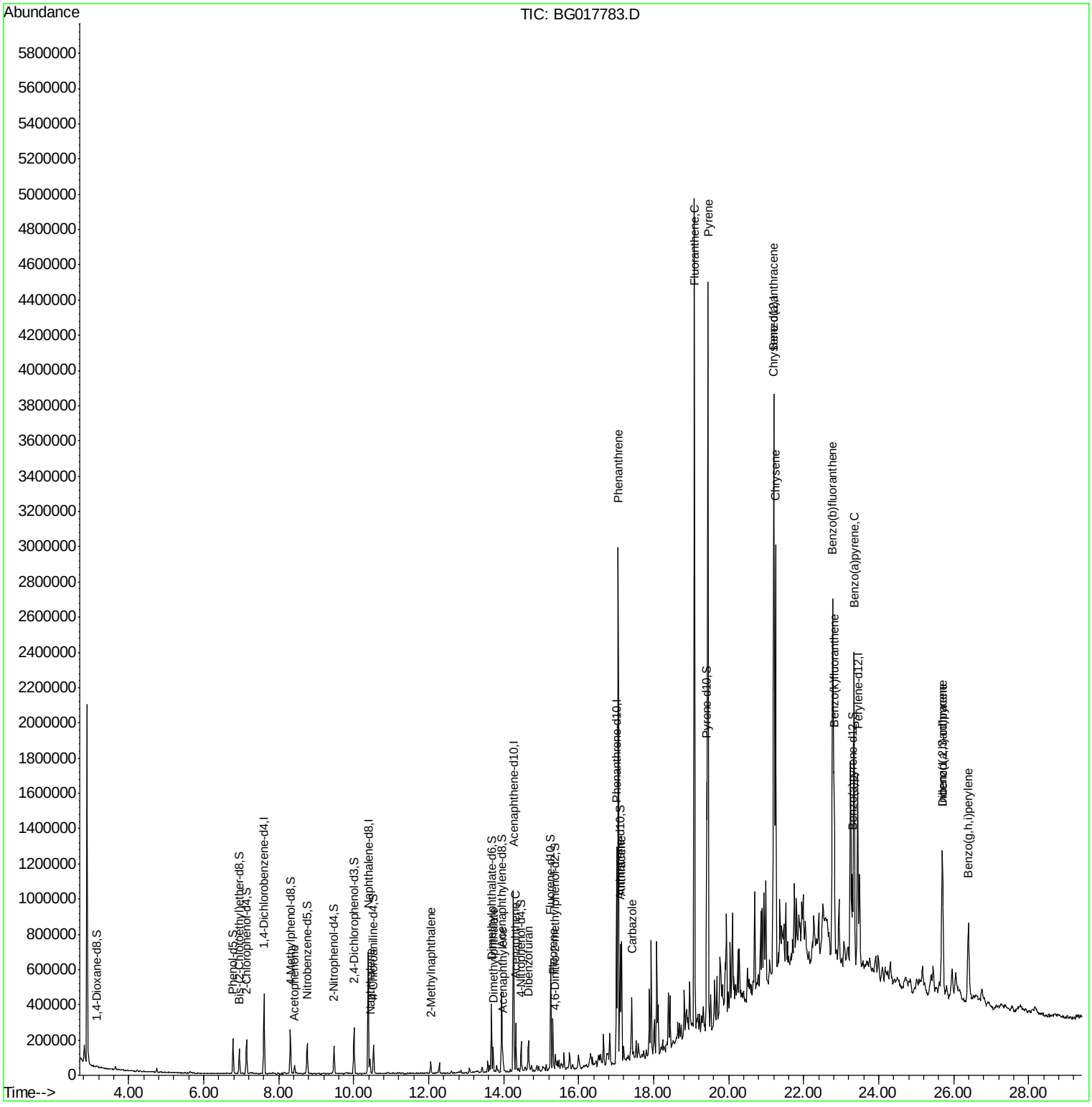
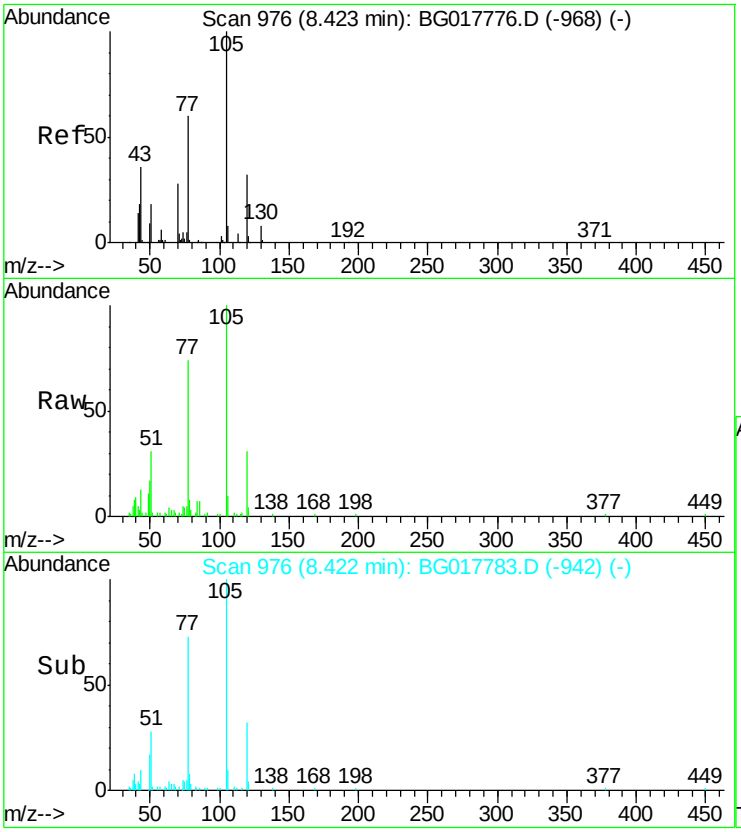
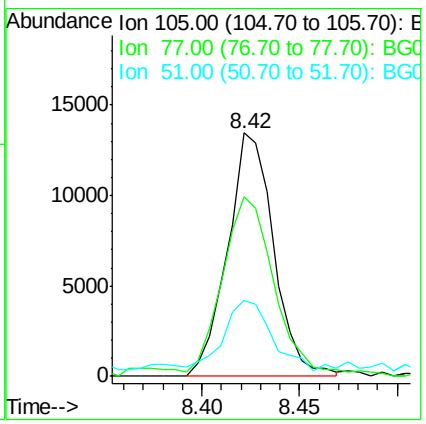




#14
Acetophenone
Concen: 1.92 ng/ul
RT: 8.42 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:105 Resp: 22061

Ion	Ratio	Lower	Upper
105	100		
77	74.0	69.5	104.3
51	31.2	26.7	40.1



Instrument :
BNA_G
ClientSampleId :
G93J6

Manual Integrations APPROVED
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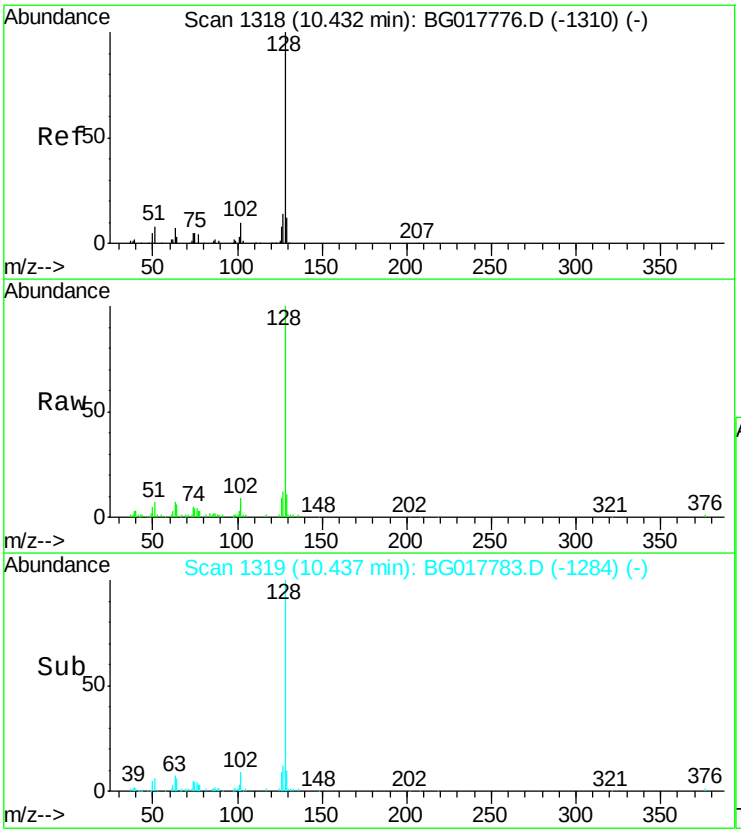
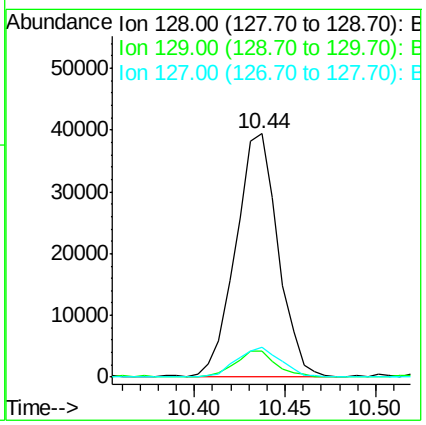
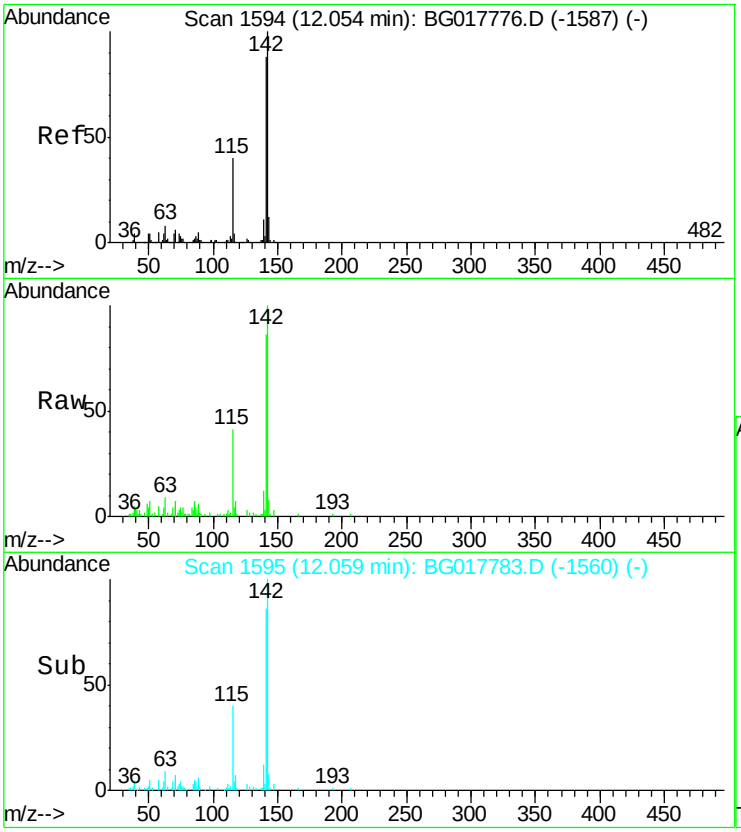


#28
Naphthalene
Concen: 2.34 ng/ul
RT: 10.44 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:128 Resp: 64133

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	12.2	11.0	16.6





#34
2-Methylnaphthalene
Concen: 1.40 ng/ul
RT: 12.06 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:142 Resp: 27172

Ion	Ratio	Lower	Upper
142	100		
141	86.0	66.6	100.0

Instrument :
BNA_G
ClientSampleId :
G93J6

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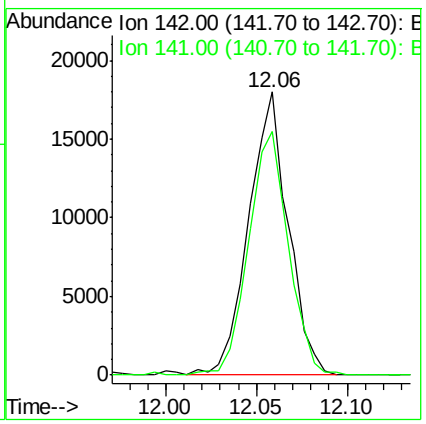
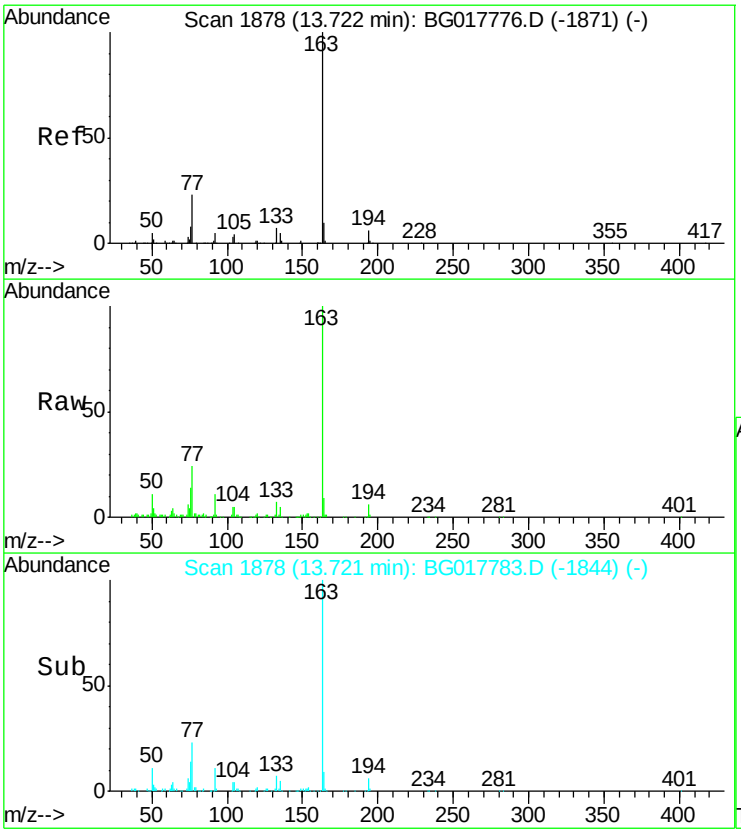
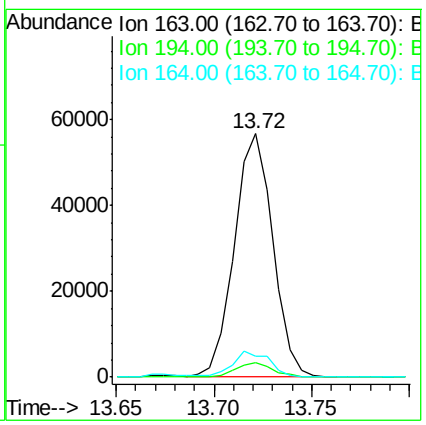


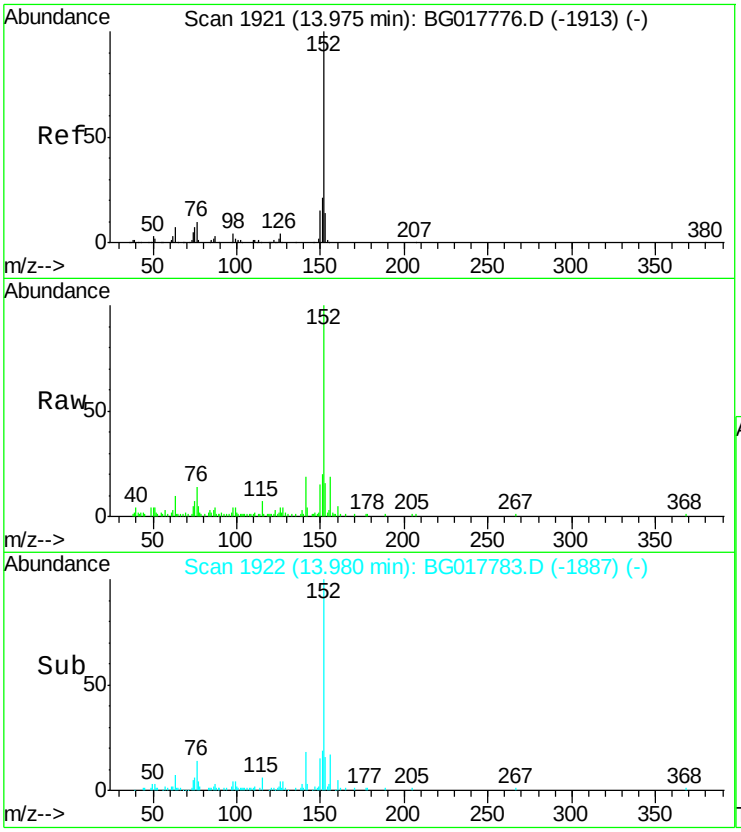


#44
Dimethylphthalate
Concen: 3.24 ng/ul
RT: 13.72 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:163 Resp: 77277

Ion	Ratio	Lower	Upper
163	100		
194	6.0	5.4	8.0
164	8.6	7.7	11.5

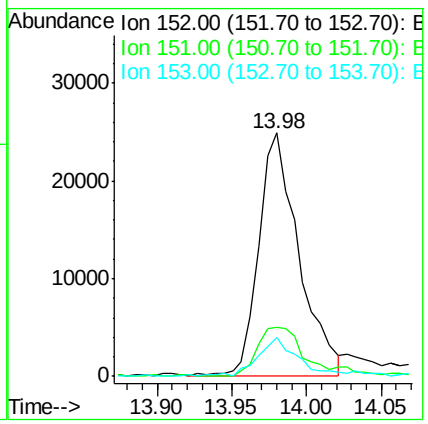




#47
Acenaphthylene
Concen: 1.47 ng/ul
RT: 13.98 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:152 Resp: 46486

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.0	25.6
153	15.9	11.2	16.8



Instrument :
BNA_G
ClientSampleId :
G93J6

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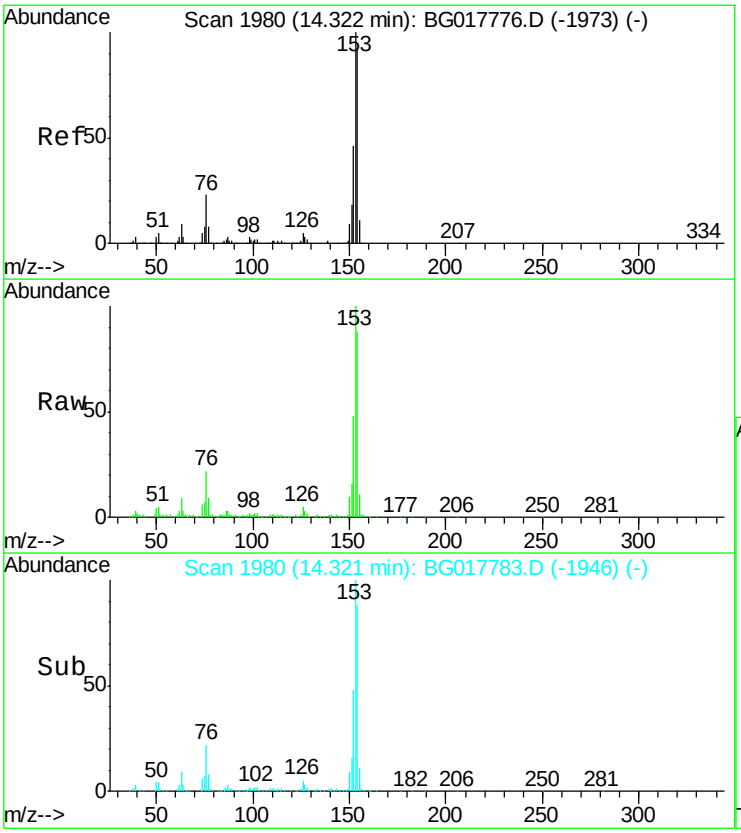
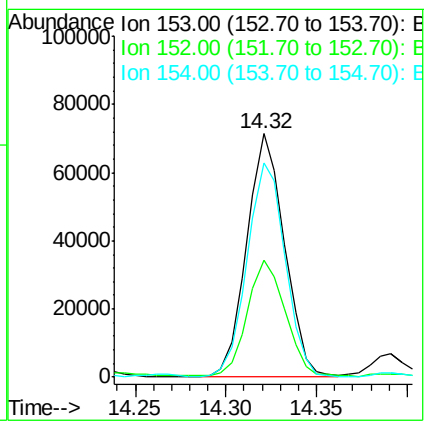
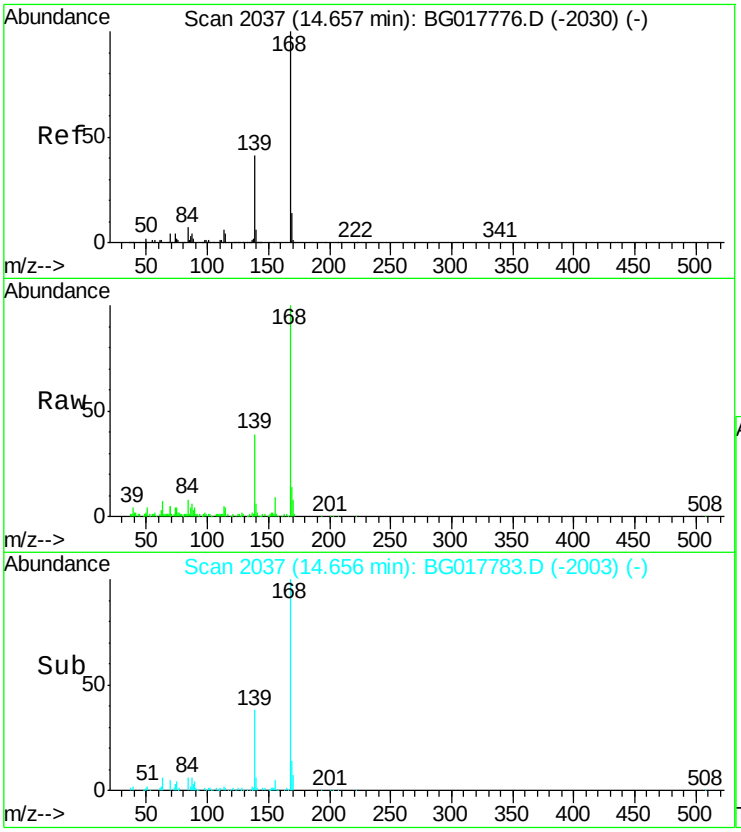


#49
Acenaphthene
Concen: 4.87 ng/ul
RT: 14.32 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:153 Resp: 103825

Ion	Ratio	Lower	Upper
153	100		
152	48.1	37.8	56.6
154	88.1	71.2	106.8





#53
Dibenzofuran
Concen: 3.10 ng/ul
RT: 14.66 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:168 Resp: 89216

Ion	Ratio	Lower	Upper
168	100		
139	38.9	32.7	49.1

Instrument :
BNA_G
ClientSampleId :
G93J6

Manual Integrations APPROVED
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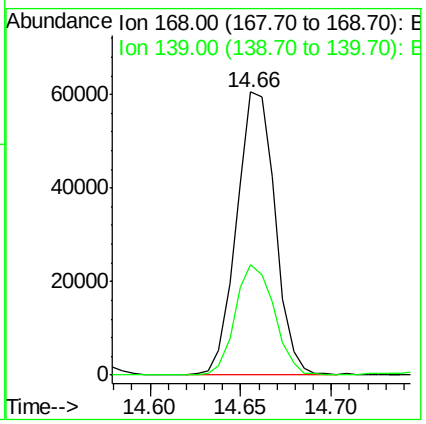
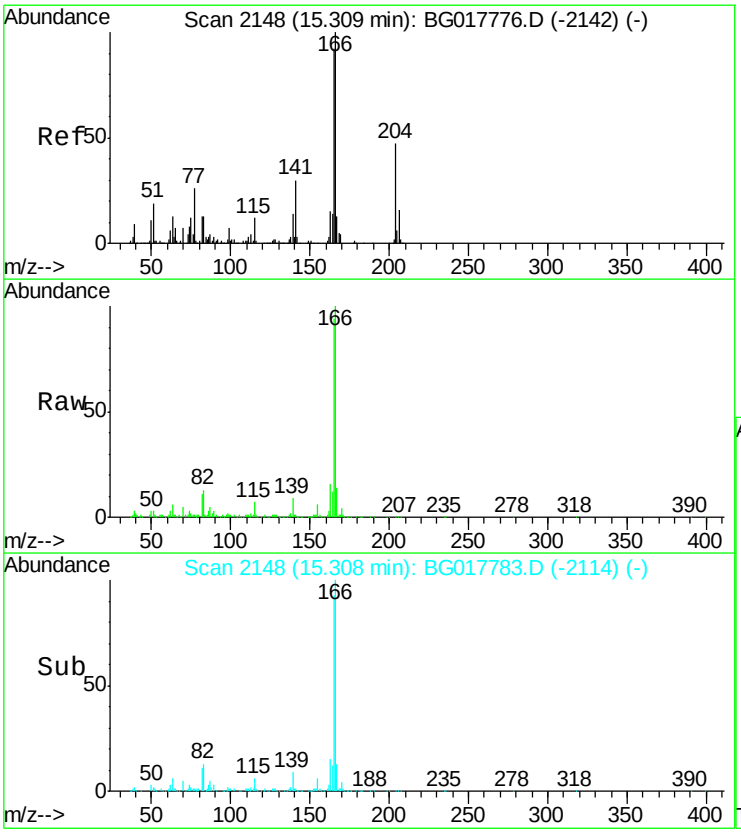
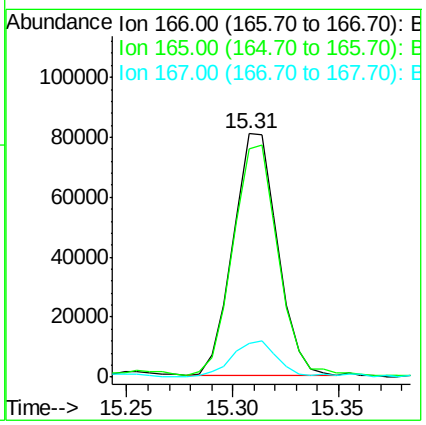


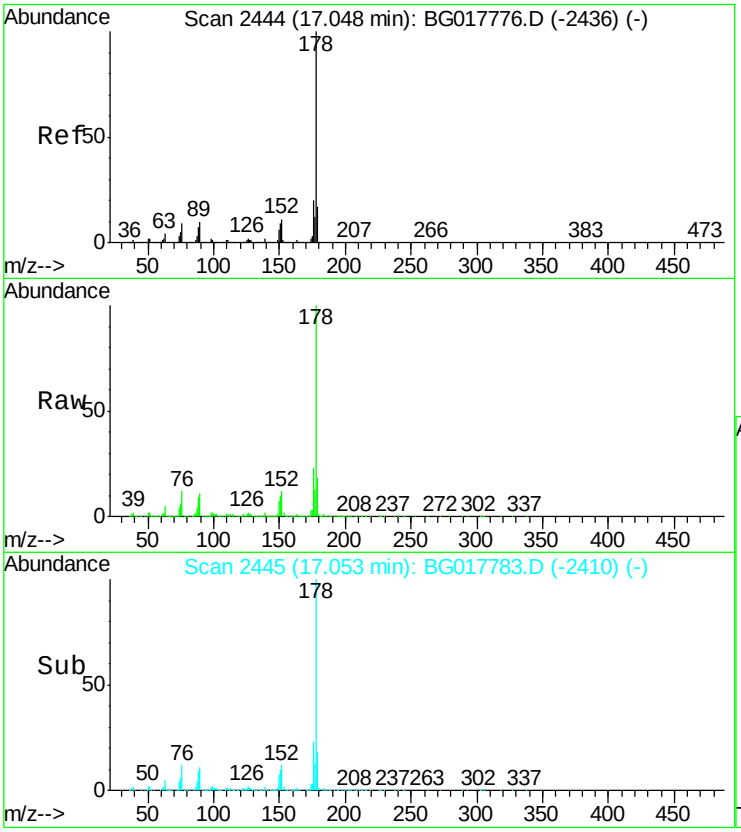


#58
Fluorene
Concen: 4.58 ng/ul
RT: 15.31 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:166 Resp: 116906

Ion	Ratio	Lower	Upper
166	100		
165	93.7	75.7	113.5
167	13.8	10.1	15.1

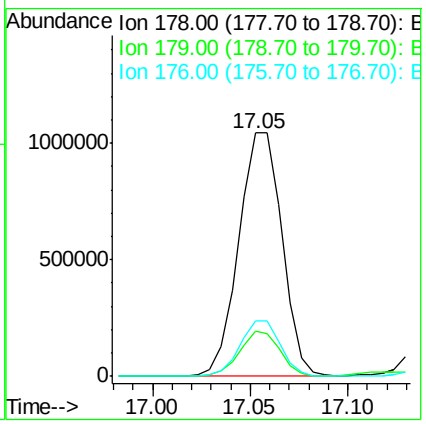




#69
Phenanthrene
Concen: 45.16 ng/ul
RT: 17.05 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:178 Resp: 1601818

Ion	Ratio	Lower	Upper
178	100		
179	18.5	13.0	19.4
176	22.5	17.0	25.4



Instrument :
BNA_G
ClientSampleId :
G93J6

Manual Integrations APPROVED
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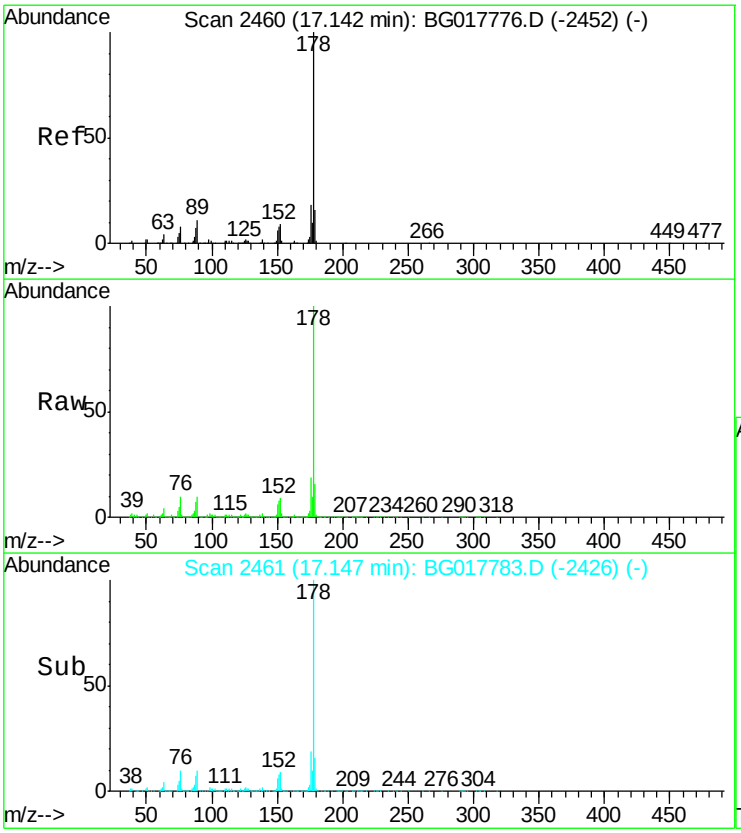
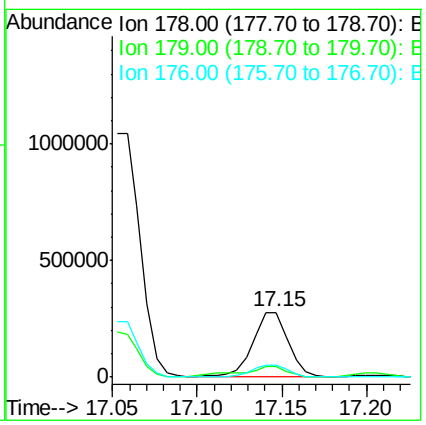
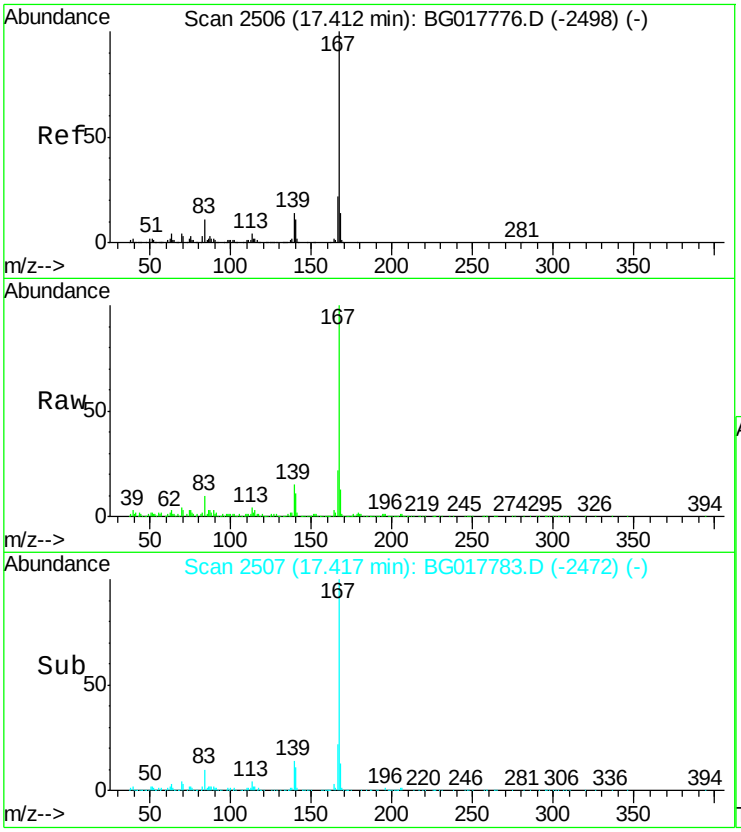


#71
Anthracene
Concen: 11.05 ng/ul
RT: 17.15 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:178 Resp: 403159

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	18.9	15.3	22.9





#74
Carbazole
Concen: 6.49 ng/ul
RT: 17.42 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:167 Resp: 197198

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	14.5	11.4	17.0

Instrument :
BNA_G
ClientSampleId :
G93J6

Manual Integrations APPROVED
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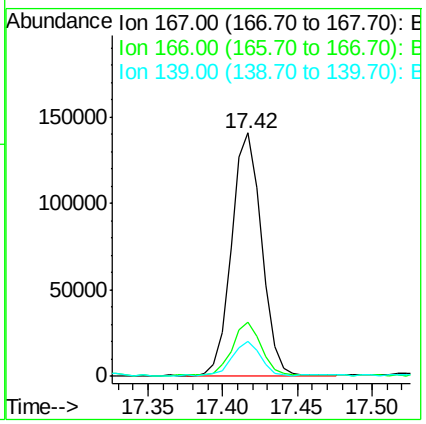
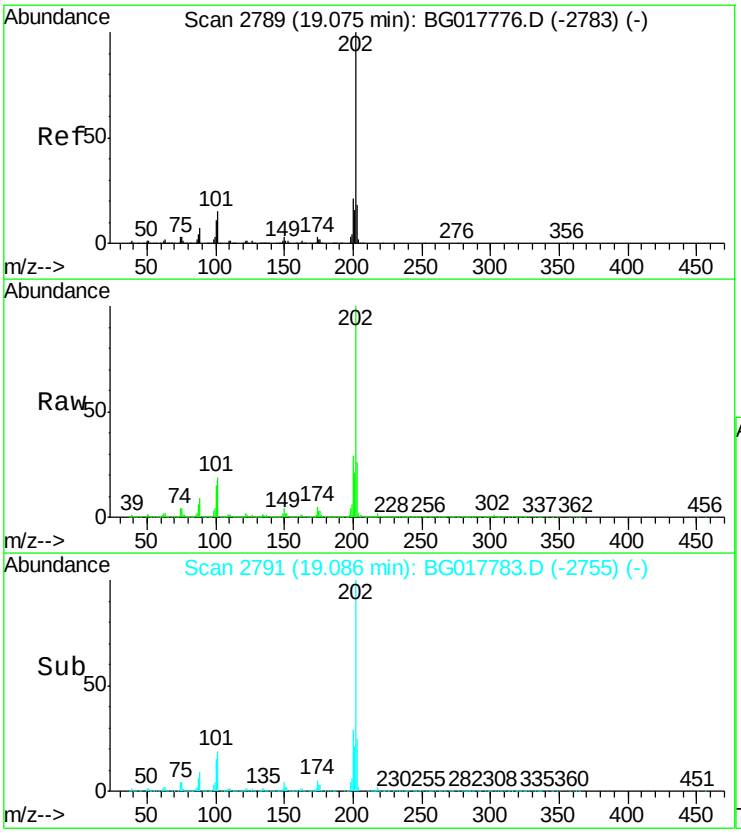
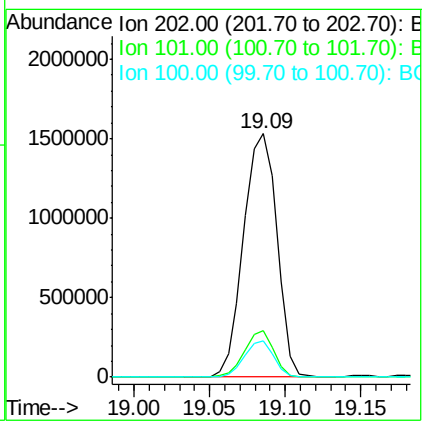


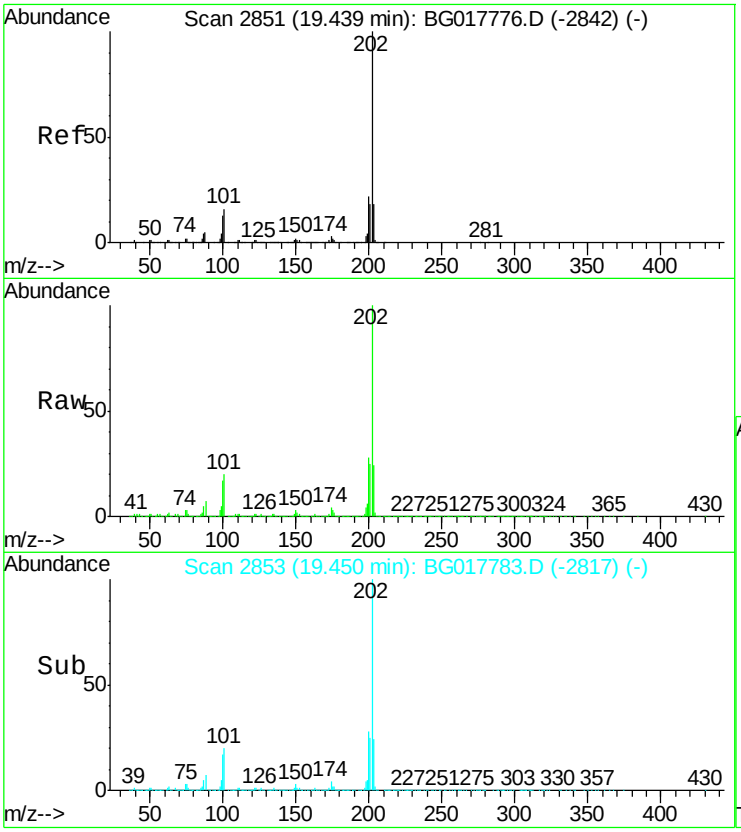


#76
Fluoranthene
Concen: 68.95 ng/ul m
RT: 19.09 min Scan# 2791
Delta R.T. 0.01 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:202 Resp: 2356721

Ion	Ratio	Lower	Upper
202	100		
101	18.9	12.6	18.8#
100	14.8	9.1	13.7#





#79
Pyrene
Concen: 50.18 ng/ul
RT: 19.45 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:202 Resp: 2154577

Ion	Ratio	Lower	Upper
202	100		
101	19.9	13.1	19.7#
100	17.2	11.3	16.9#

Instrument :
BNA_G
ClientSampleId :
G93J6

Manual Integrations APPROVED
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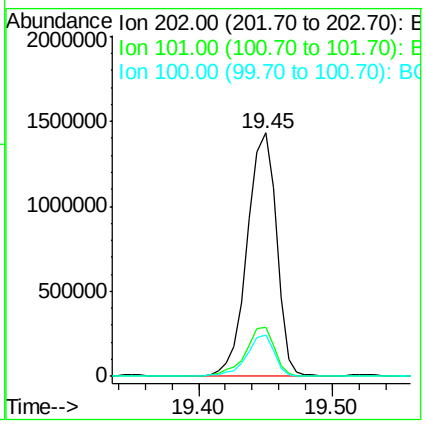
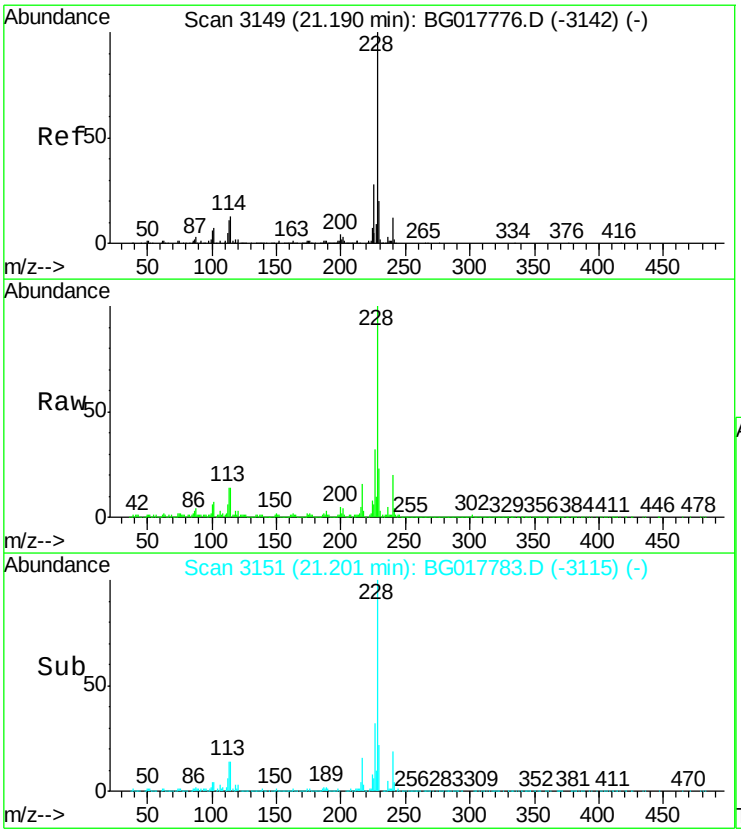
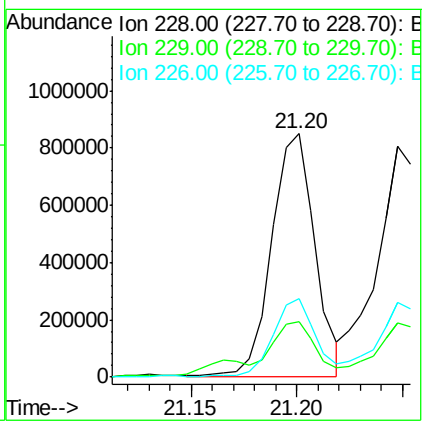


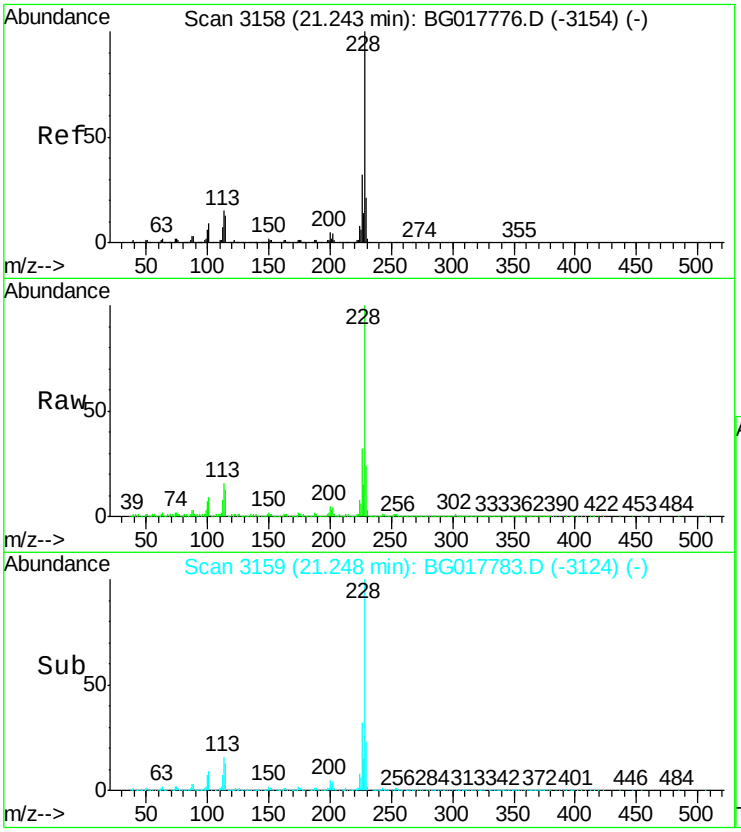


#82
Benzo(a)anthracene
Concen: 30.99 ng/ul
RT: 21.20 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:228 Resp: 1201454

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.8	23.8
226	32.2	22.2	33.2

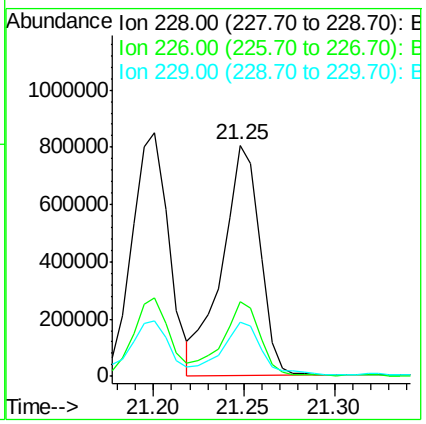




#84
Chrysene
Concen: 31.94 ng/ul
RT: 21.25 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:228 Resp: 1172913

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.6	38.4
229	23.6	16.4	24.6



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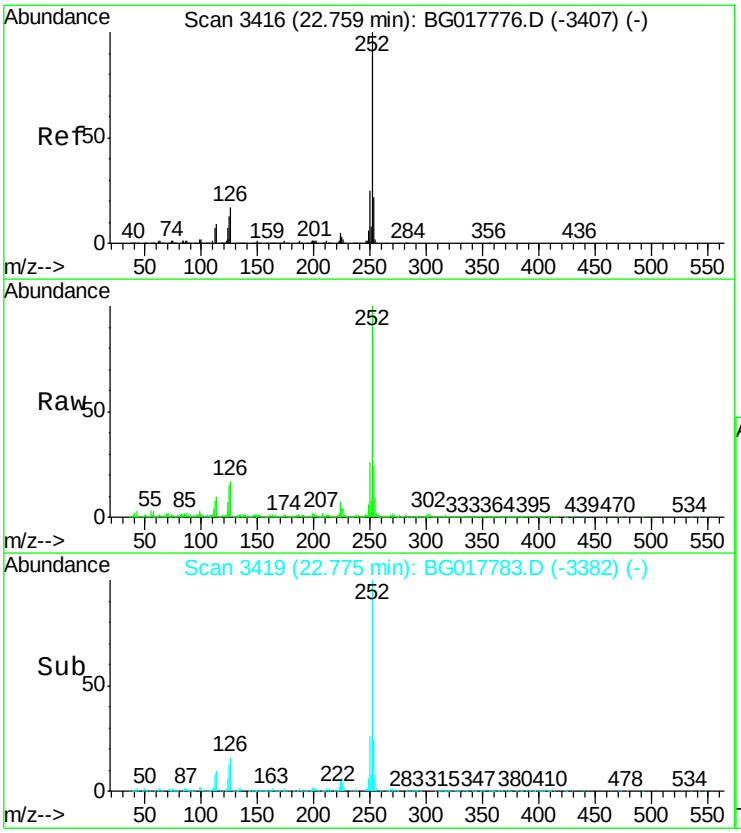
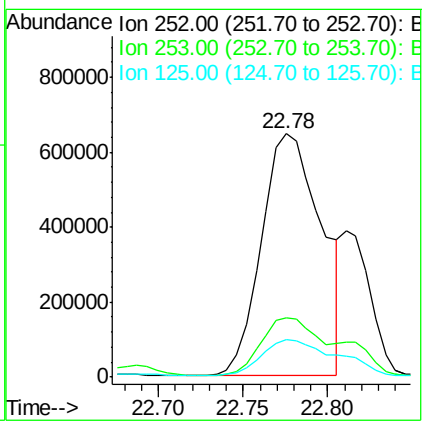
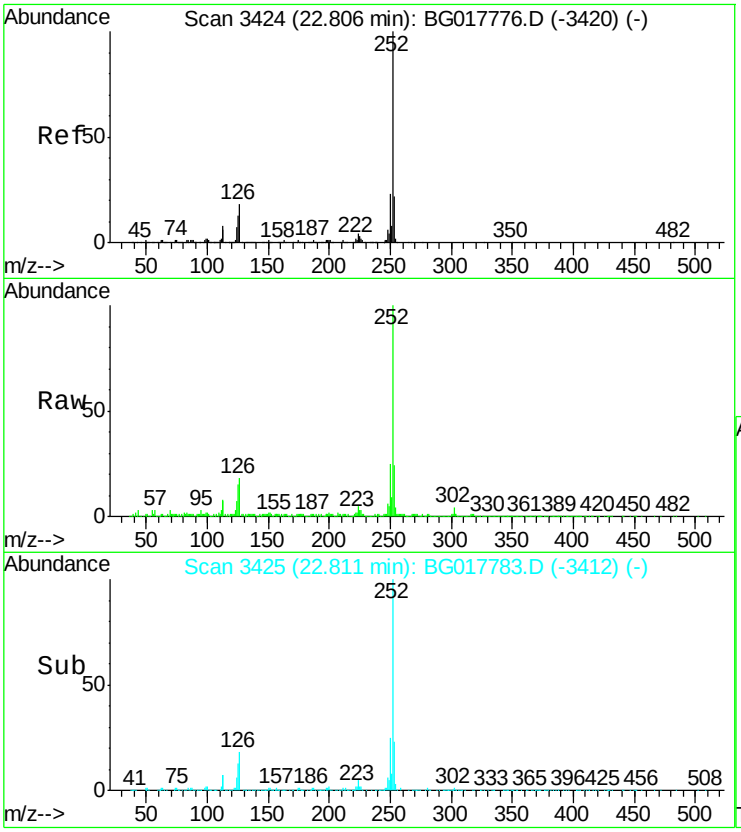


#87
Benzo(b)fluoranthene
Concen: 38.39 ng/ul
RT: 22.78 min Scan# 3419
Delta R.T. 0.02 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:252 Resp: 1593729

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.8	25.2
125	15.3	10.4	15.6

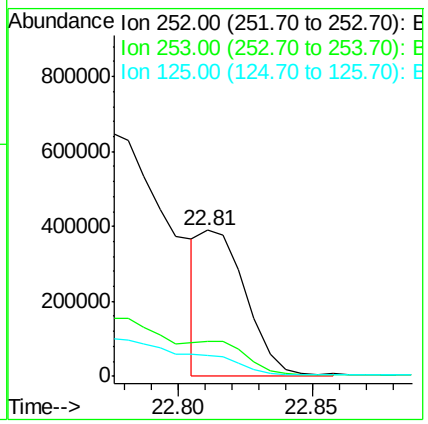




#88
Benzo(k)fluoranthene
Concen: 11.76 ng/ul m
RT: 22.81 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:252 Resp: 460004

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	14.6	11.6	17.4



Instrument :
BNA_G
ClientSampleId :
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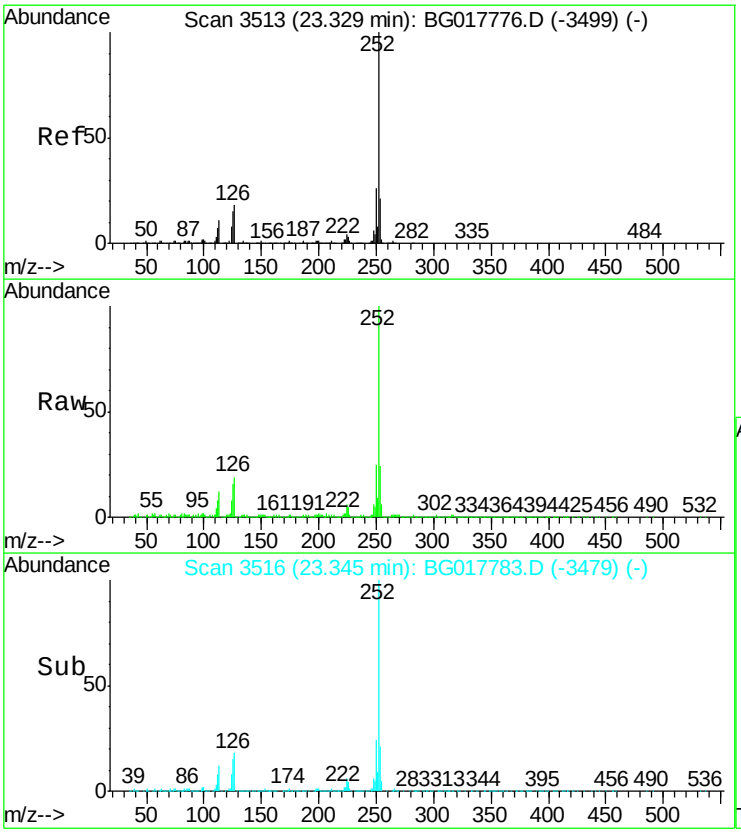
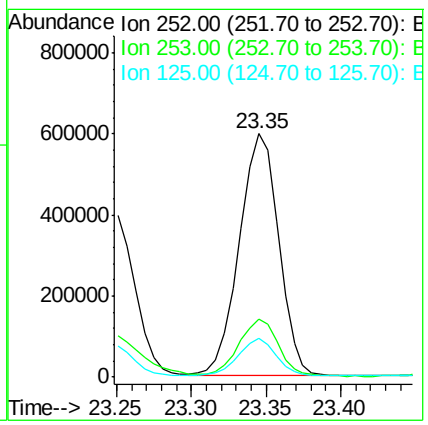
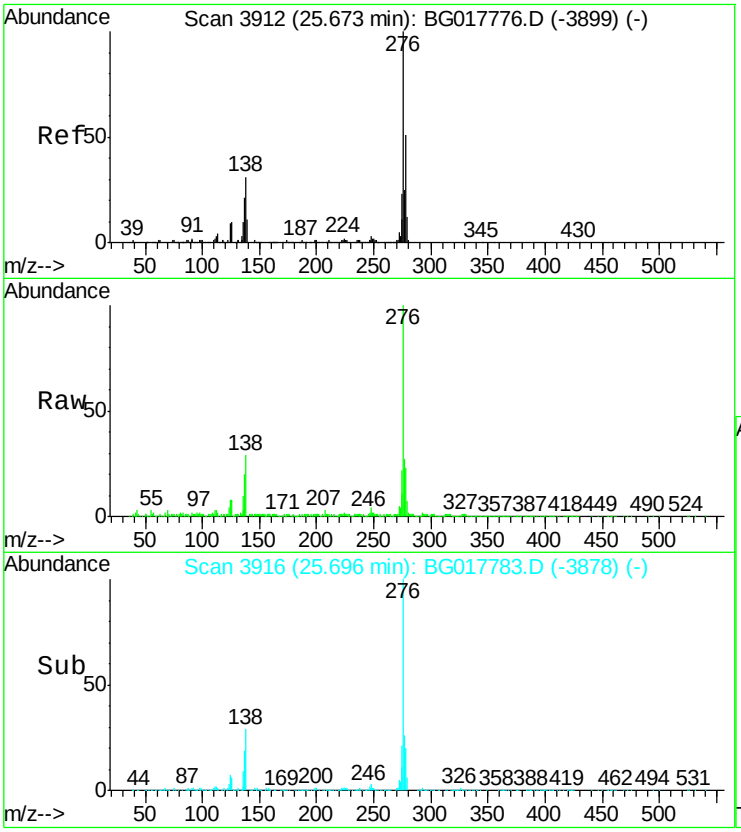


#90
Benzo(a)pyrene
Concen: 27.69 ng/ul
RT: 23.35 min Scan# 3516
Delta R.T. 0.02 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:252 Resp: 1092694

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.3	27.5
125	15.9	12.1	18.1

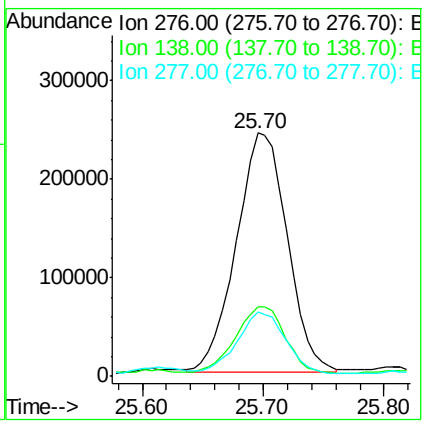




#91
Indeno(1,2,3-cd)pyrene
Concen: 16.56 ng/ul
RT: 25.70 min Scan# 3916
Delta R.T. 0.02 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:276 Resp: 713316

Ion	Ratio	Lower	Upper
276	100		
138	28.6	26.1	39.1
277	26.6	20.9	31.3



Instrument :
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ClientSampleId :
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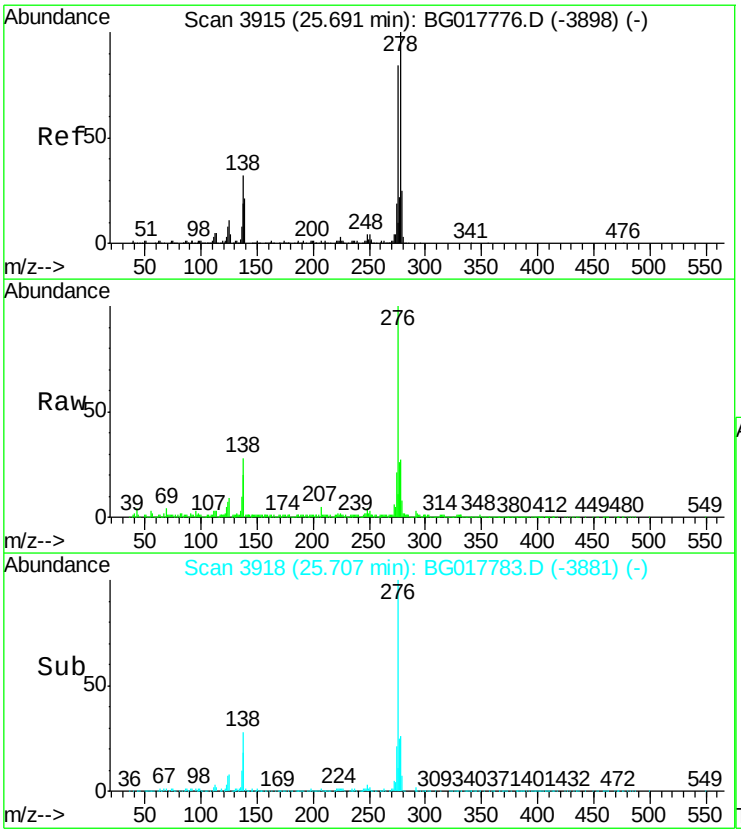
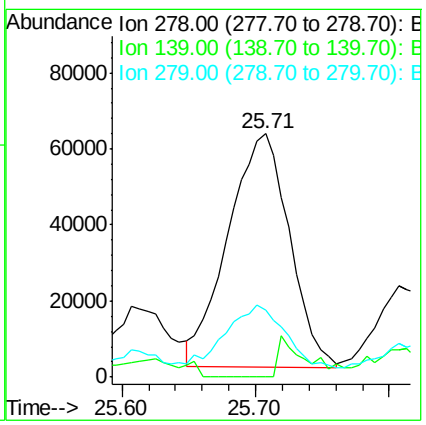
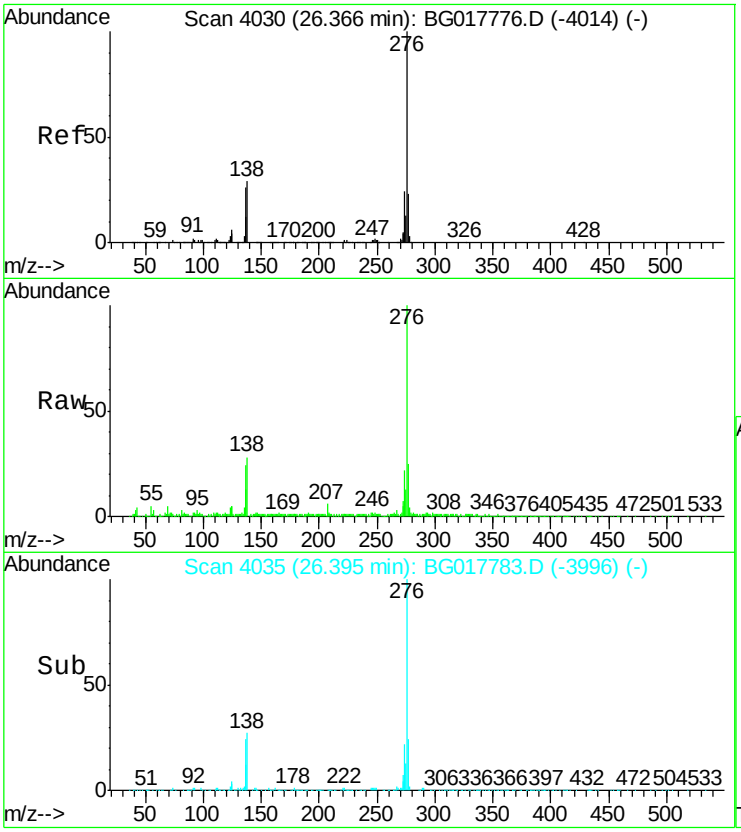


#92
Dibenzo(a,h)anthracene
Concen: 5.40 ng/ul
RT: 25.71 min Scan# 3918
Delta R.T. 0.02 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:278 Resp: 196505

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.3	24.5#
279	27.7	18.7	28.1

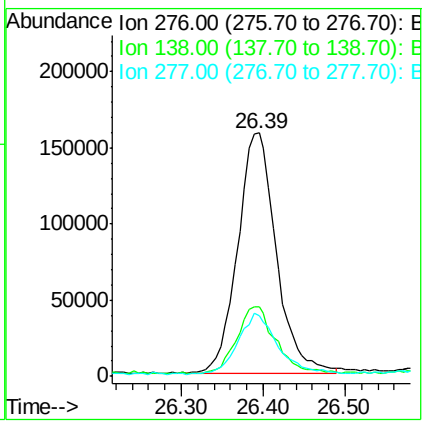




#93
Benzo(g,h,i)perylene
Concen: 14.44 ng/ul
RT: 26.39 min Scan# 4035
Delta R.T. 0.03 min
Lab File: BG017783.D
Acq: 6 Jul 2015 23:40

Tgt Ion:276 Resp: 520411

Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.1	37.7
277	25.1	18.7	28.1



Instrument :
BNA_G
ClientSampleId :
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