Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 28 05:40:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : D9G65

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	56420	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	243098	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	156802	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	378759	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	398299	20.00	ng/ul	0.00
86) Perylene-d12	24.78	264	406956	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	1964	1.67	ng/uL	0.00
5) Phenol-d5	7.16	99	55938	12.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	34044	12.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	46901	13.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	32415	8.62	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	23247	12.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	22912	12.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	48704	12.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	12548	2.77	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	158724	12.58	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	124335	8.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	12367	5.11	ng/ul	0.00
58) Fluorene-d10	15.60	176	61665	5.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	7183	4.01	ng/ul	0.00
71) Anthracene-d10	17.45	188	19732	1.18	ng/ul	0.00
79) Pyrene-d10	19.74	212	53802	2.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.57	264	18250	0.92	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.81	105	21887	3.82	ng/ul#	89
28) Naphthalene	10.84	128	24750	2.00	ng/ul	99
34) 2-Methylnaphthalene	12.44	142	18632	2.04	ng/ul	87
35) 1-Methylnaphthalene	12.66	142	13629	1.56	ng/ul	92
45) Dimethylphthalate	14.06	163	59945	4.90	ng/ul#	96
48) Acenaphthylene	14.34	152	31402	1.97	ng/ul	98
54) Dibenzofuran	15.01	168	16458	1.09	ng/ul	95
59) Fluorene	15.66	166	15162	1.19	ng/ul	97
70) Phenanthrene	17.40	178	404861	21.03	ng/ul	98
72) Anthracene	17.49	178	95413	4.94	ng/ul	98
75) Carbazole	17.76	167	38229	2.23	ng/ul	99
77) Fluoranthene	19.41	202	919543	43.09	ng/ul	97
80) Pyrene	19.76	202	821523	35.08	ng/ul	98
83) Benzo(a)anthracene	21.59	228	549111	24.87	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.49	149	28597	2.15	ng/ul#	99
85) Chrysene	21.66	228	511919	25.13	ng/ul	97
88) Benzo(b)fluoranthene	23.78	252	821816	35.71	ng/ul	98
89) Benzo(k)fluoranthene	23.84	252	281753m	12.78	ng/ul	
91) Benzo(a)pyrene	24.64	252	544966	24.92	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.40	276	424287	16.73	ng/ul	98
93) Dibenzo(a,h)anthracene	28.44	278	111150	5.46	ng/ul#	91
94) Benzo(g,h,i)perylene	29.53	276	351056	16.58	ng/ul	99

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 28 05:40:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9G65

Manual Integrations APPROVED
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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\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 28 05:40:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9G65

Manual Integrations APPROVED
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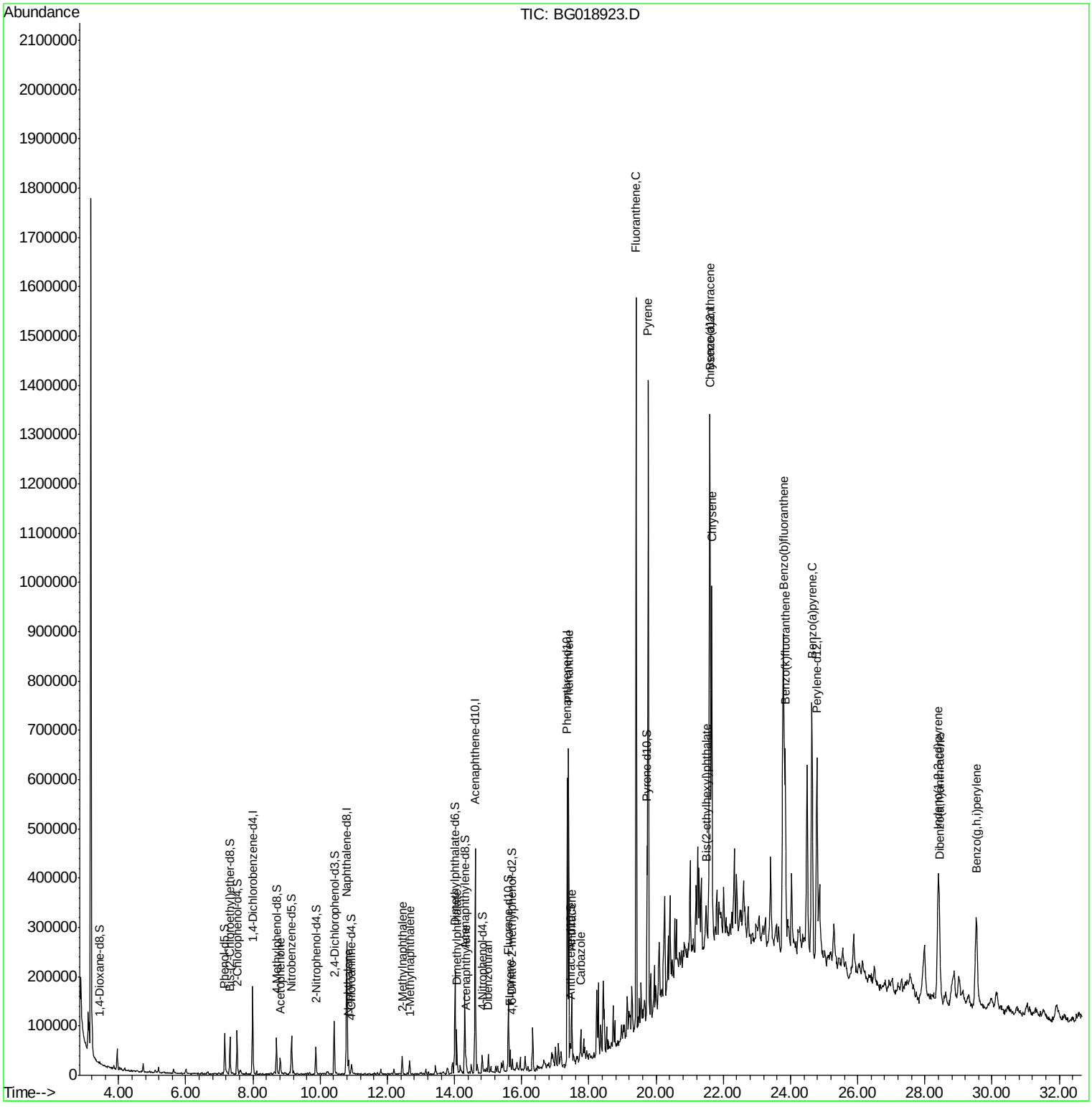

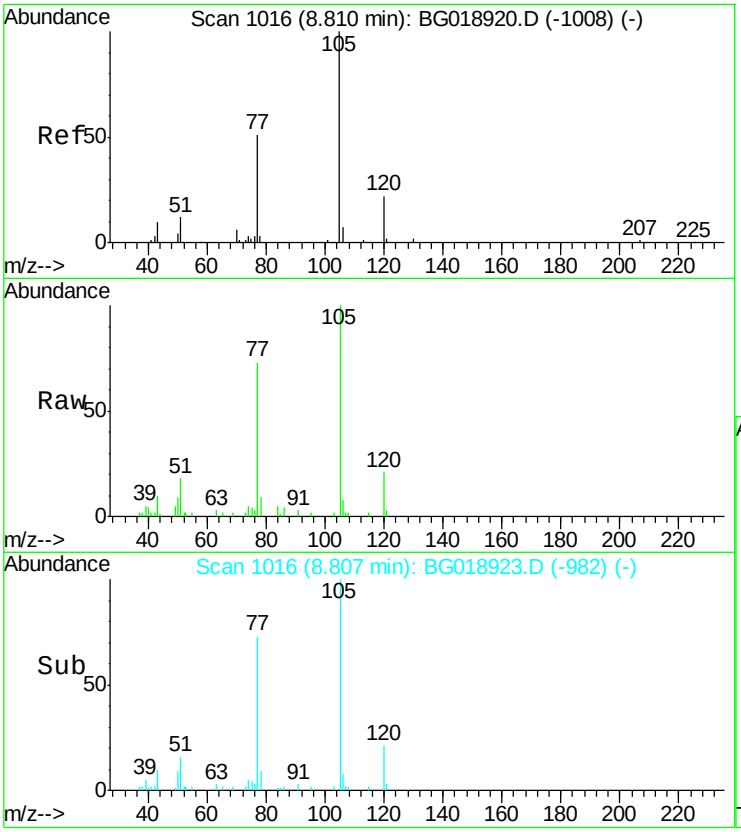

#14
Acetophenone
Concen: 3.82 ng/ul
RT: 8.81 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:105 Resp: 21887

Ion	Ratio	Lower	Upper
105	100		
77	72.6	61.9	92.9
51	17.9	25.5	38.3#

Instrument :
BNA_G
ClientSampleId :
D9G65

Manual Integrations APPROVED
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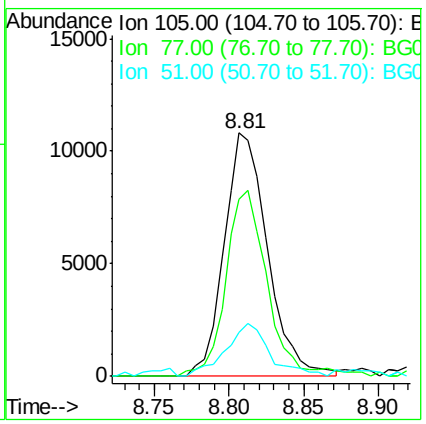
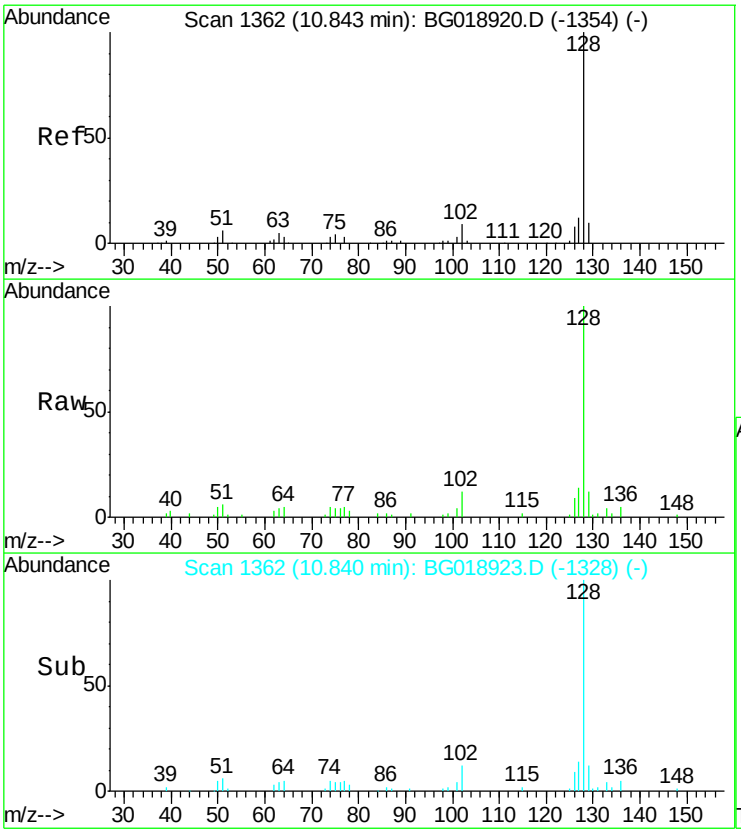
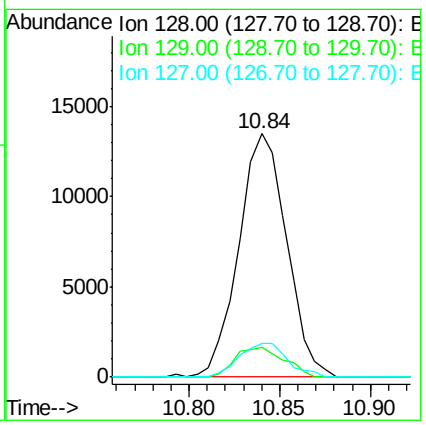


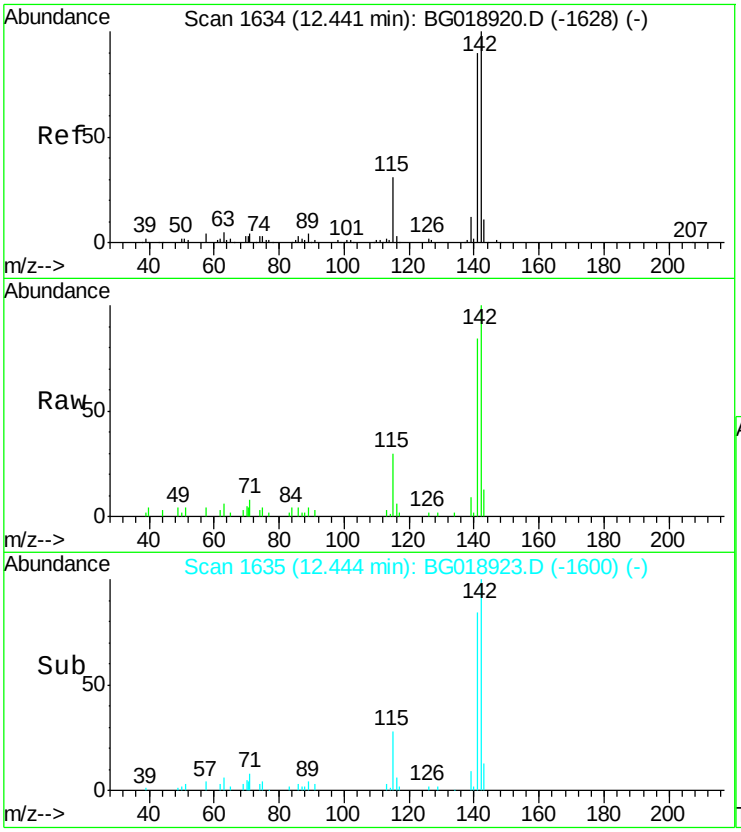


#28
Naphthalene
Concen: 2.00 ng/ul
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:128 Resp: 24750

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	13.9	10.5	15.7





#34
2-Methylnaphthalene
Concen: 2.04 ng/ul
RT: 12.44 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:142 Resp: 18632

Ion	Ratio	Lower	Upper
142	100		
141	84.2	78.0	117.0

Instrument :
BNA_G
ClientSampleId :
D9G65

Manual Integrations APPROVED
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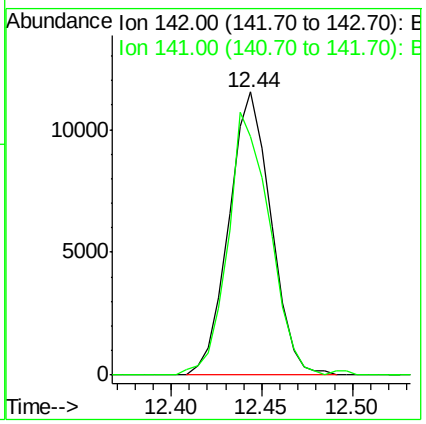
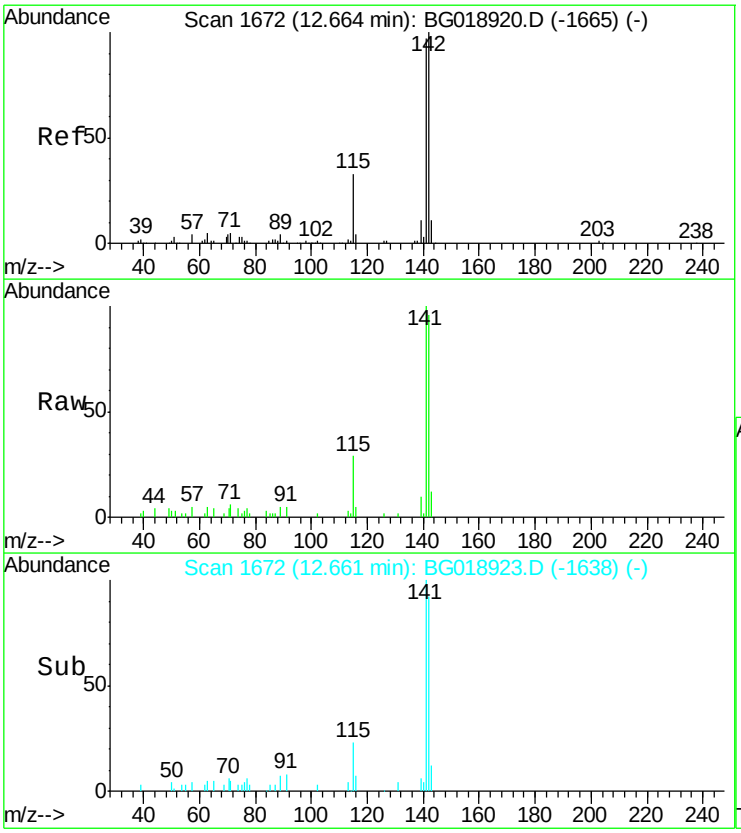
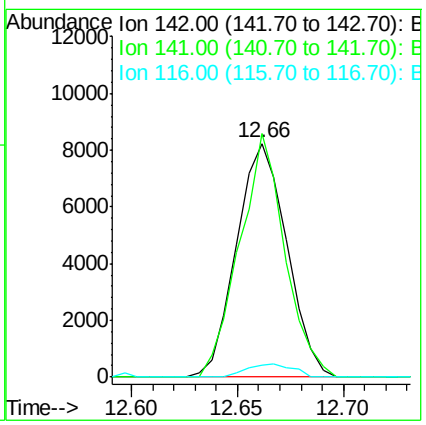


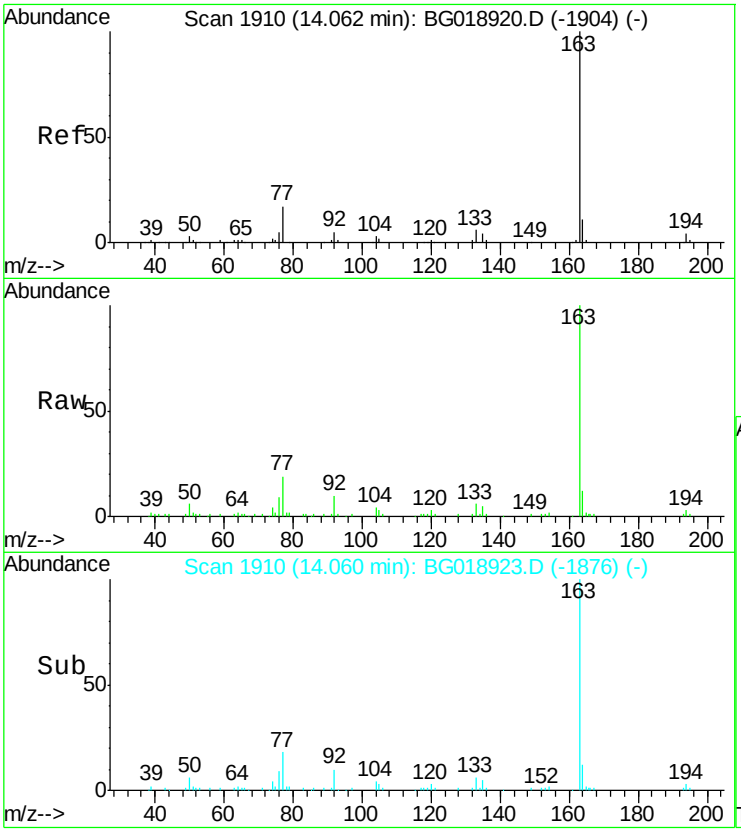


#35
1-Methylnaphthalene
Concen: 1.56 ng/ul
RT: 12.66 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:142 Resp: 13629

Ion	Ratio	Lower	Upper
142	100		
141	104.1	77.1	115.7
116	4.8	3.5	5.3

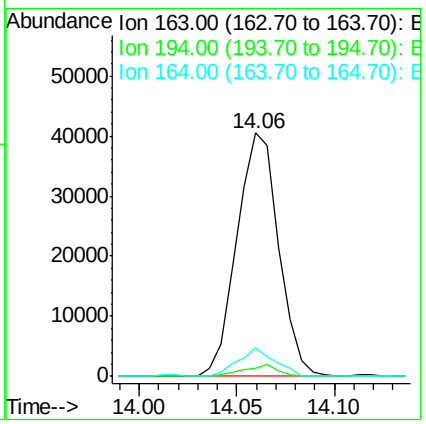




#45
Dimethylphthalate
Concen: 4.90 ng/ul
RT: 14.06 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:163 Resp: 59945

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	11.6	7.7	11.5#



Instrument :
BNA_G
ClientSampleId :
D9G65

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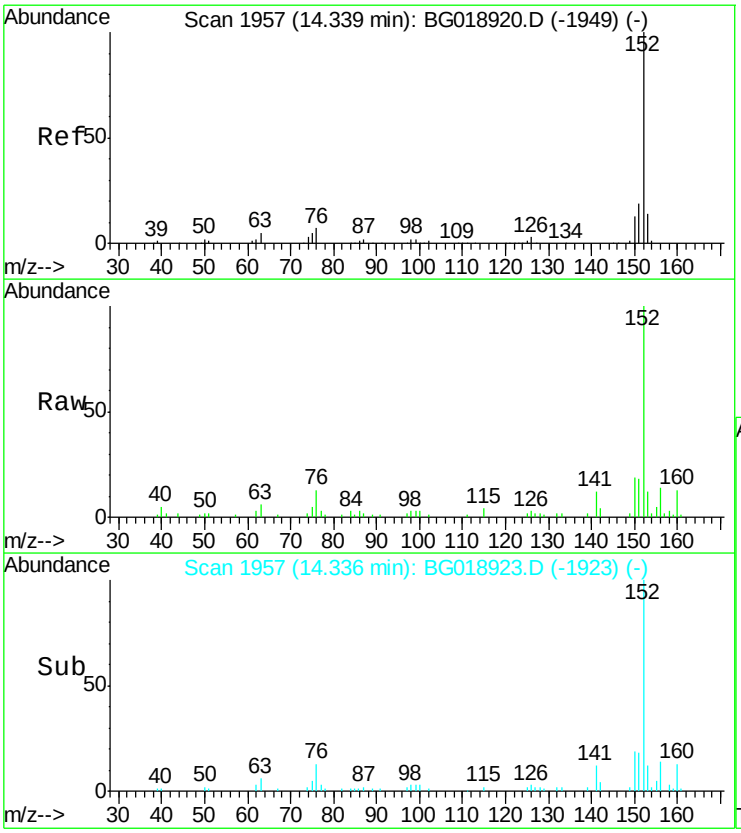
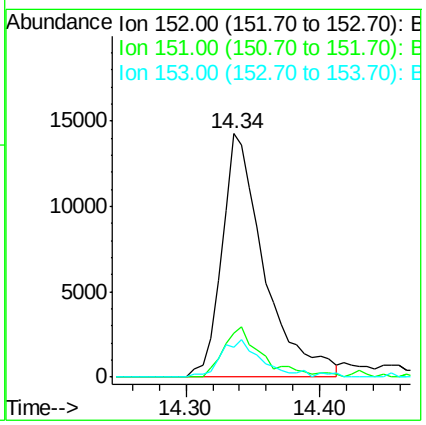
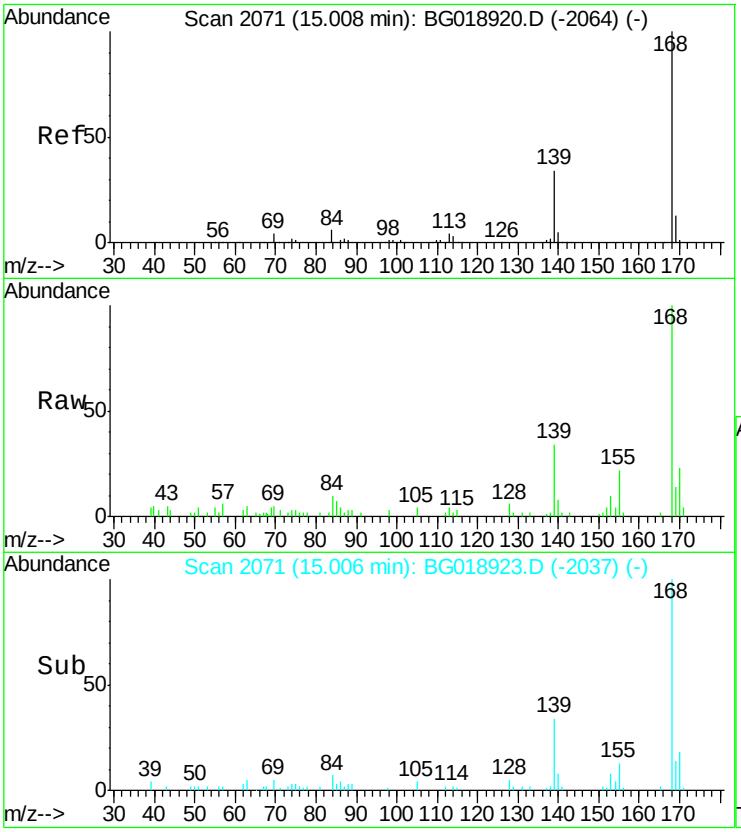


#48
Acenaphthylene
Concen: 1.97 ng/ul
RT: 14.34 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:152 Resp: 31402

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.4	23.2
153	12.5	10.8	16.2





#54
Dibenzofuran
Concen: 1.09 ng/ul
RT: 15.01 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:168 Resp: 16458

Ion	Ratio	Lower	Upper
168	100		
139	34.2	29.7	44.5

Instrument :
BNA_G
ClientSampleId :
D9G65

Manual Integrations APPROVED
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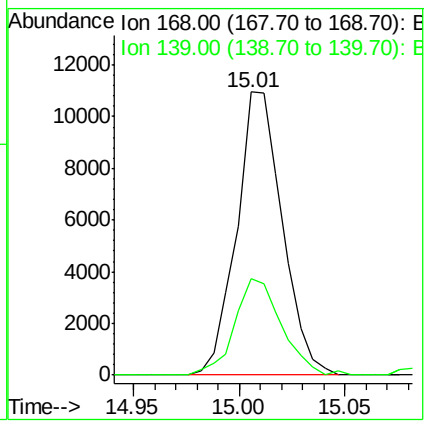
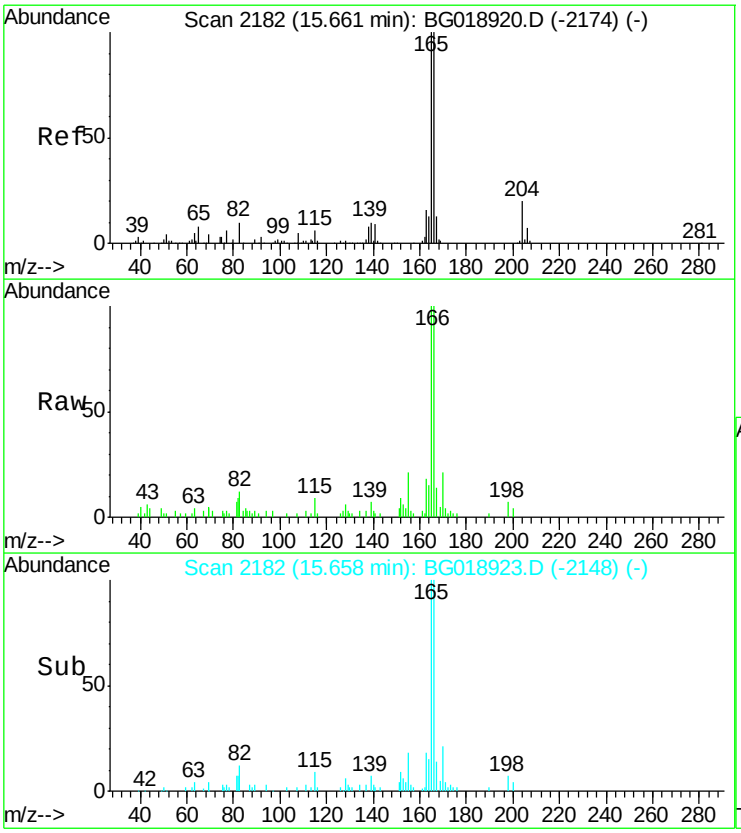
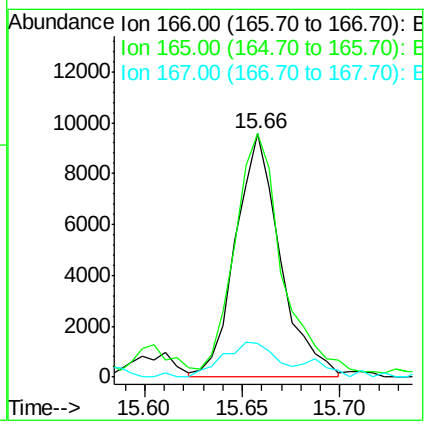


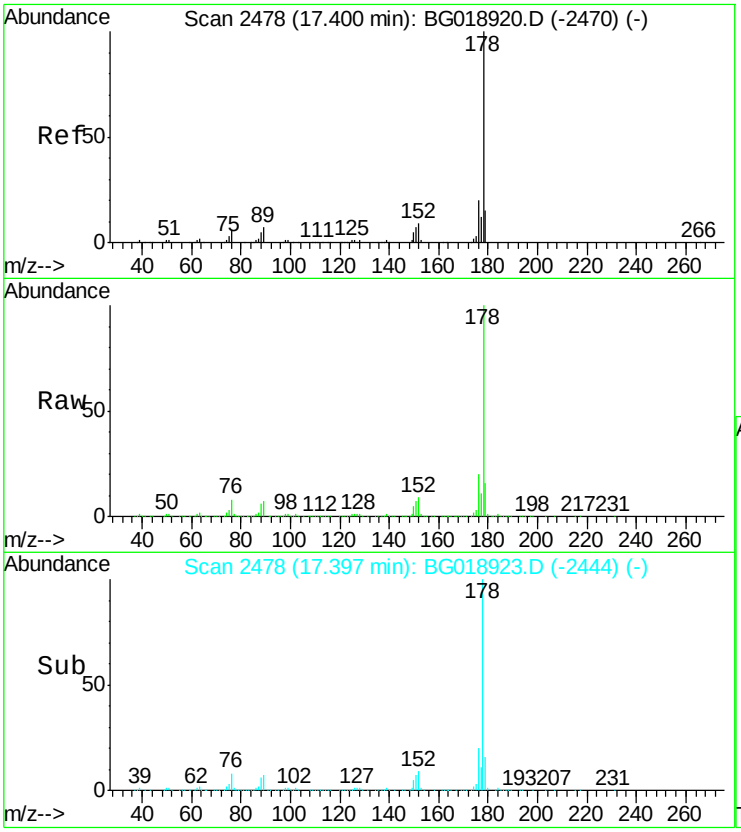


#59
Fluorene
Concen: 1.19 ng/ul
RT: 15.66 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:166 Resp: 15162

Ion	Ratio	Lower	Upper
166	100		
165	100.0	82.6	124.0
167	13.7	11.4	17.0

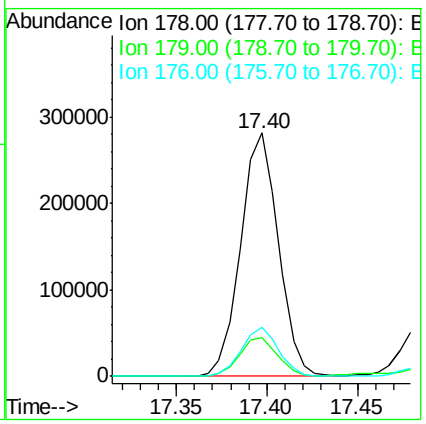




#70
Phenanthrene
Concen: 21.03 ng/ul
RT: 17.40 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:178 Resp: 404861

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.7	20.5
176	20.0	16.6	24.8



Instrument :
BNA_G
ClientSampleId :
D9G65

Manual Integrations APPROVED
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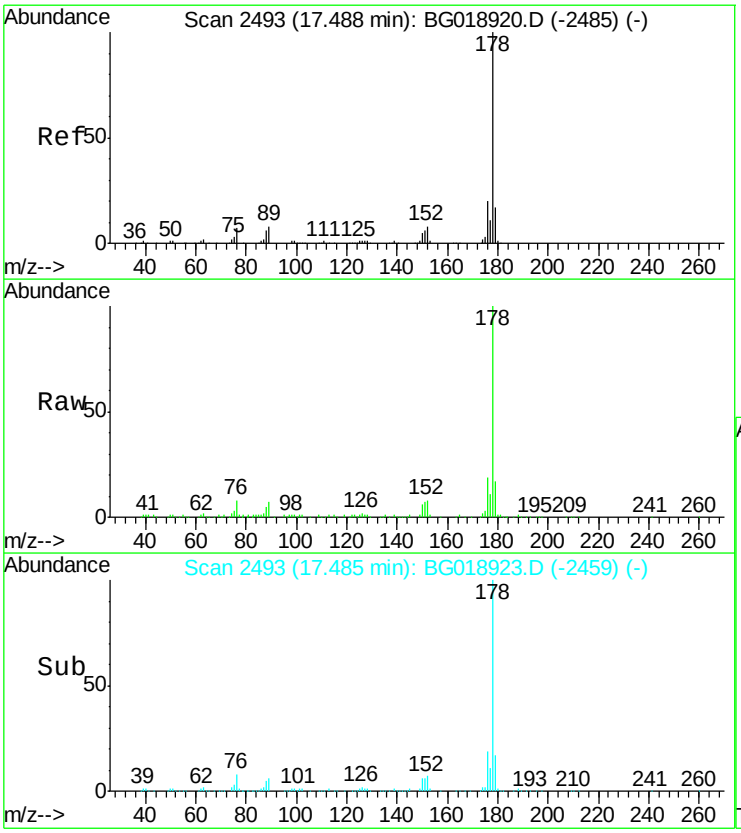
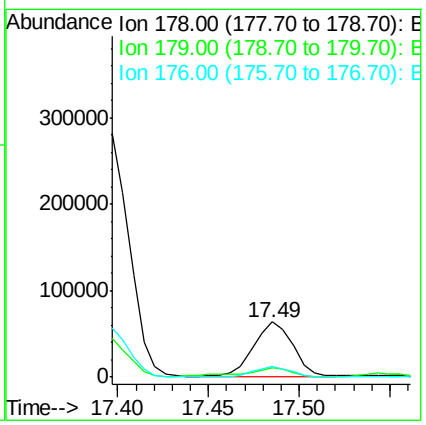
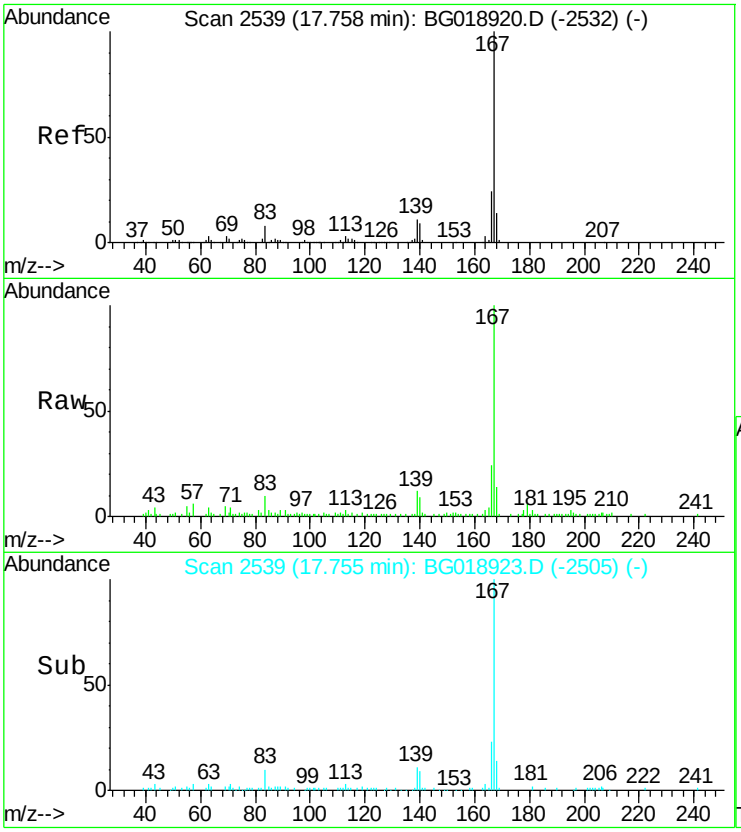


#72
Anthracene
Concen: 4.94 ng/ul
RT: 17.49 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:178 Resp: 95413

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.0	19.4
176	19.0	16.0	24.0

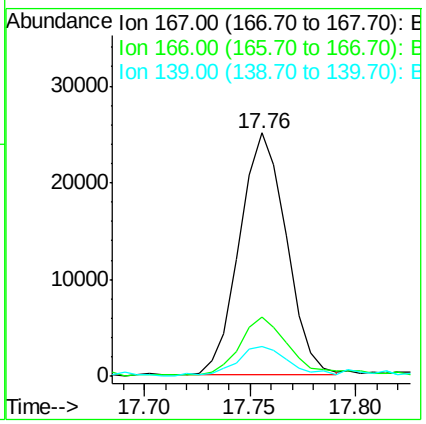




#75
Carbazole
Concen: 2.23 ng/ul
RT: 17.76 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:167 Resp: 38229

Ion	Ratio	Lower	Upper
167	100		
166	24.5	18.9	28.3
139	12.3	10.1	15.1



Instrument :
BNA_G
ClientSampleId :
D9G65

Manual Integrations APPROVED
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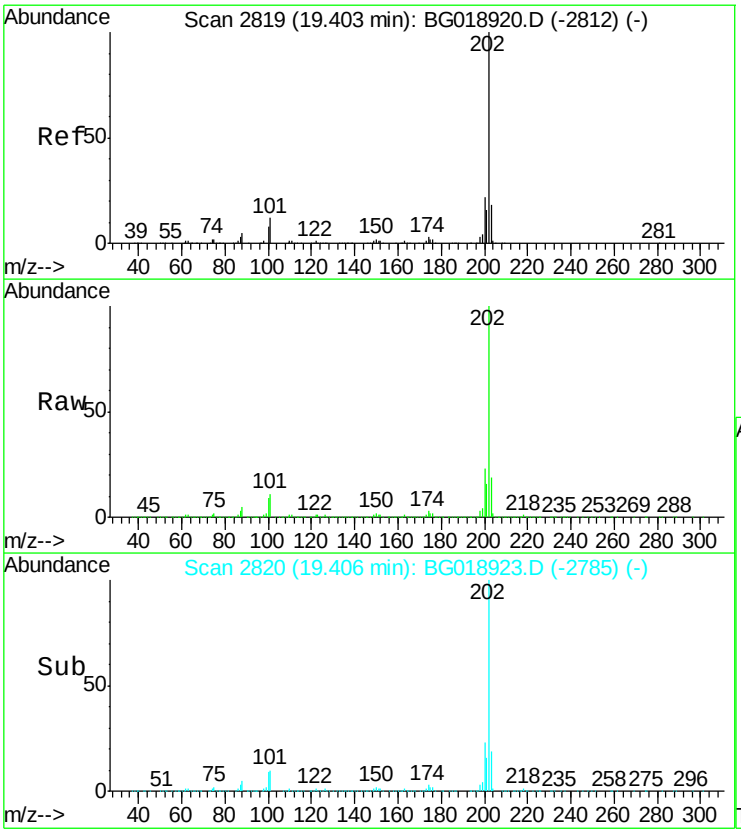
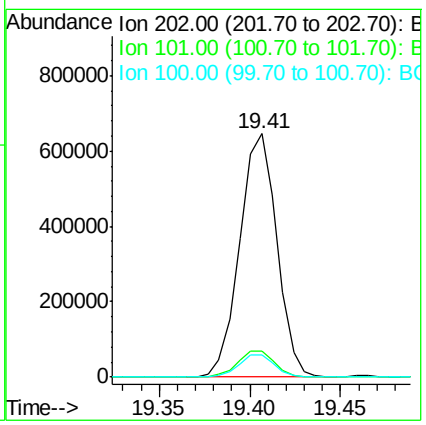
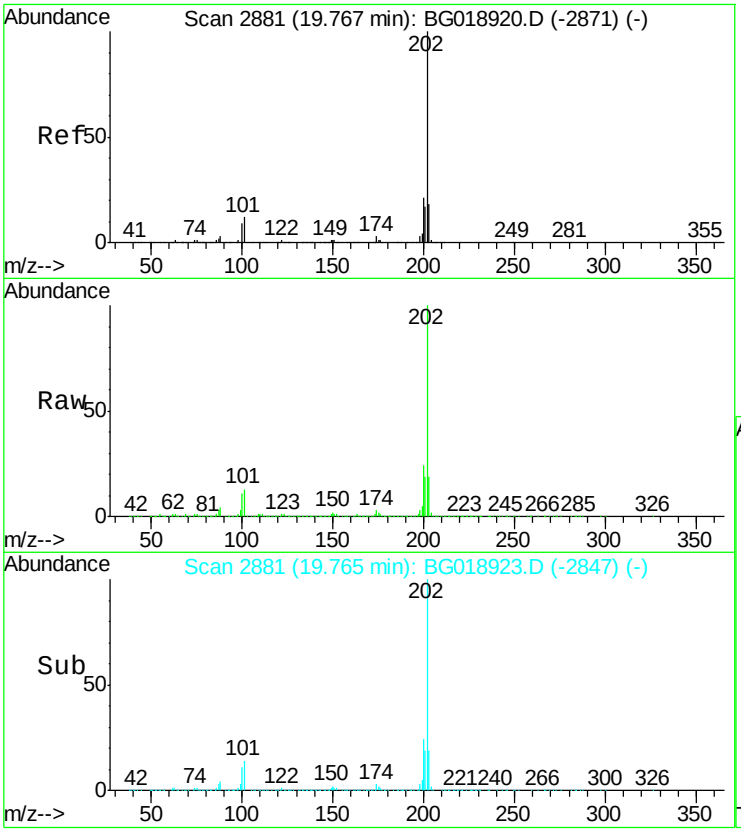


#77
Fluoranthene
Concen: 43.09 ng/ul
RT: 19.41 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:202 Resp: 919543

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.7	14.5
100	8.9	7.8	11.8

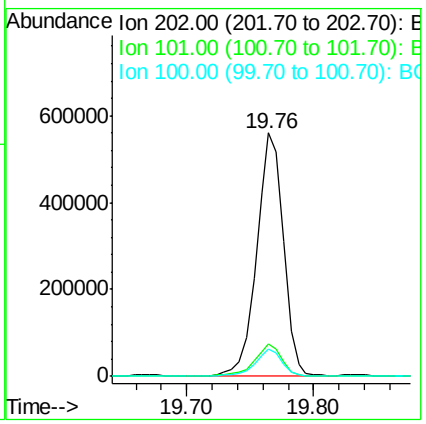




#80
Pyrene
Concen: 35.08 ng/ul
RT: 19.76 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:202 Resp: 821523

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.0	16.4
100	11.0	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
D9G65

Manual Integrations APPROVED
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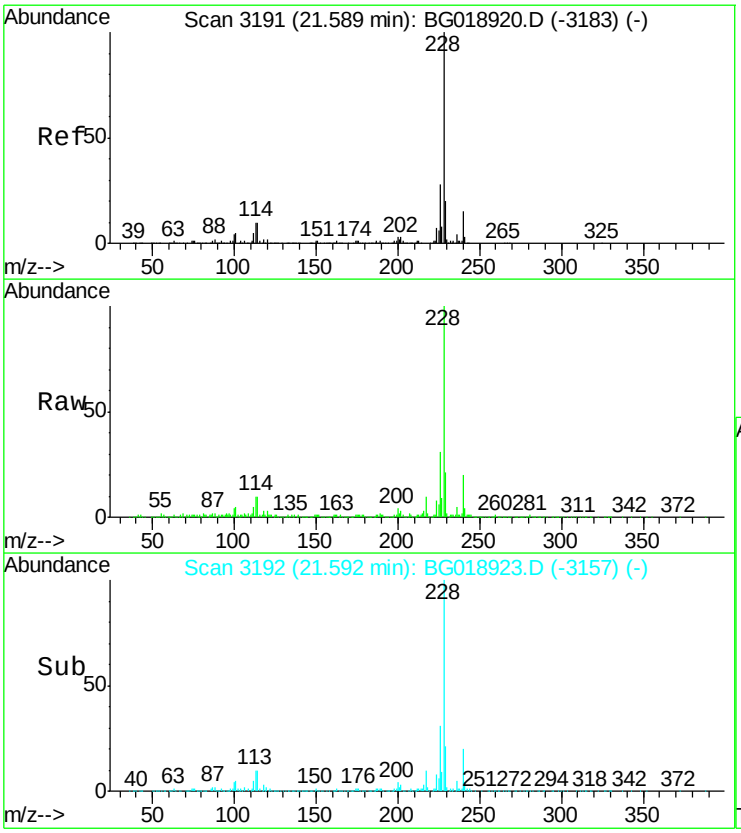
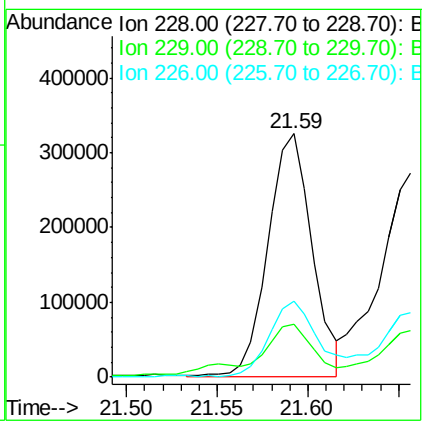
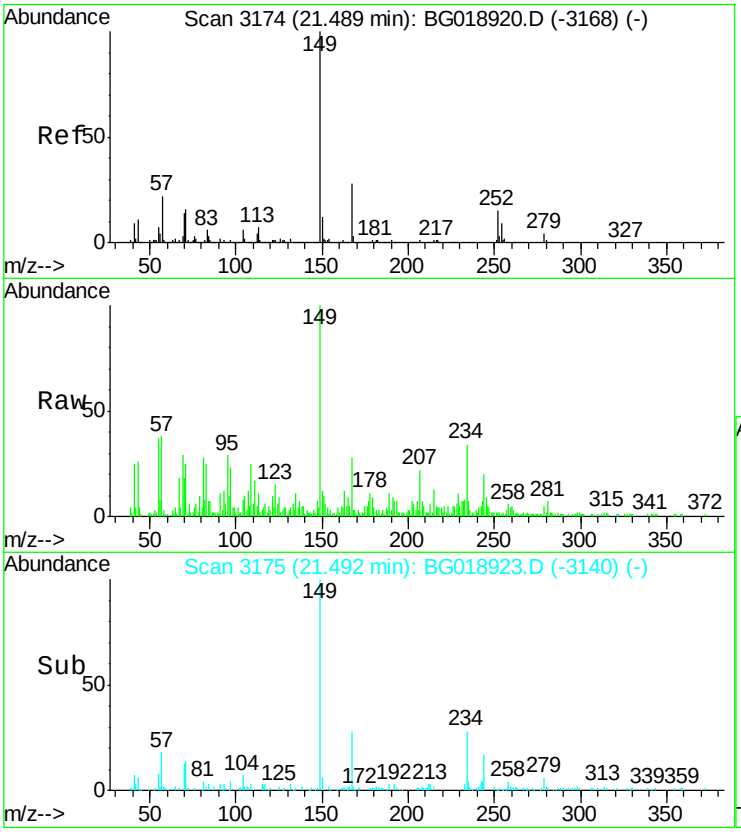


#83
Benzo(a)anthracene
Concen: 24.87 ng/ul
RT: 21.59 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:228 Resp: 549111

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.5	23.3
226	30.9	22.1	33.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.15 ng/ul
RT: 21.49 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:149 Resp: 28597

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.2
279	4.9	2.8	4.2#

Instrument :
BNA_G
ClientSampleId :
D9G65

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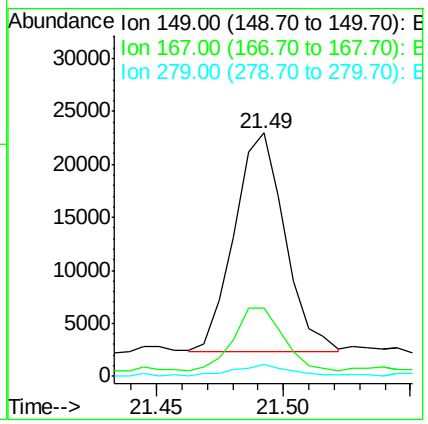
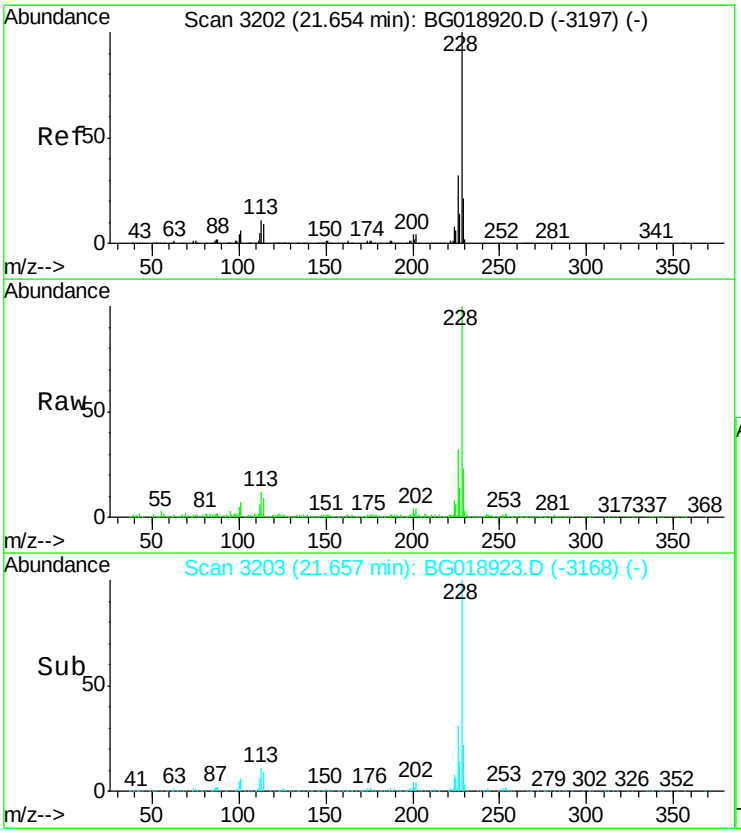
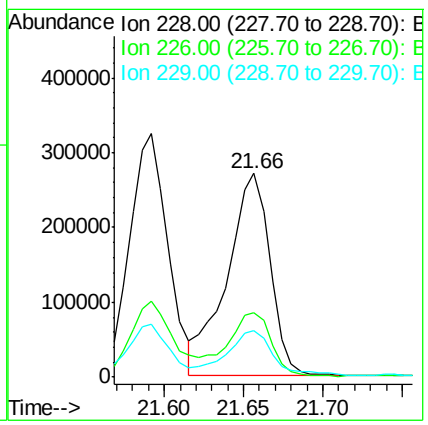


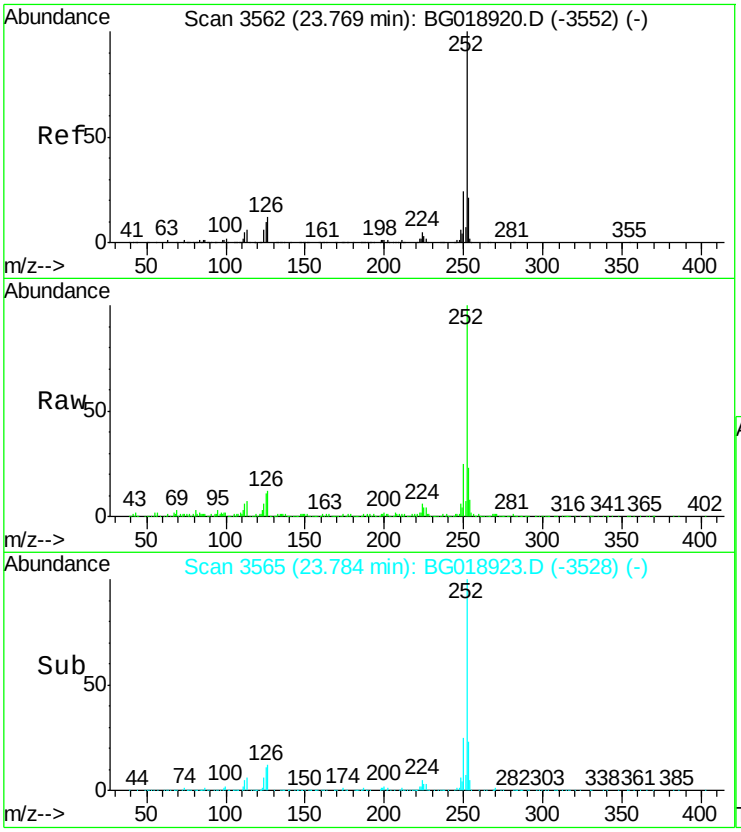


#85
Chrysene
Concen: 25.13 ng/ul
RT: 21.66 min Scan# 3203
Delta R.T. 0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:228 Resp: 511919

Ion	Ratio	Lower	Upper
228	100		
226	31.5	26.5	39.7
229	22.9	16.9	25.3

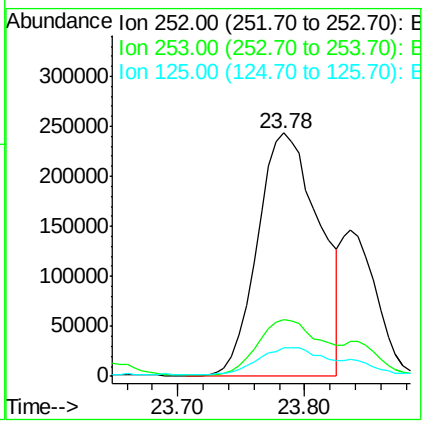




#88
Benzo(b)fluoranthene
Concen: 35.71 ng/ul
RT: 23.78 min Scan# 3565
Delta R.T. 0.01 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:252 Resp: 821816

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.5	8.3	12.5



Instrument :
BNA_G
ClientSampleId :
D9G65

Manual Integrations APPROVED
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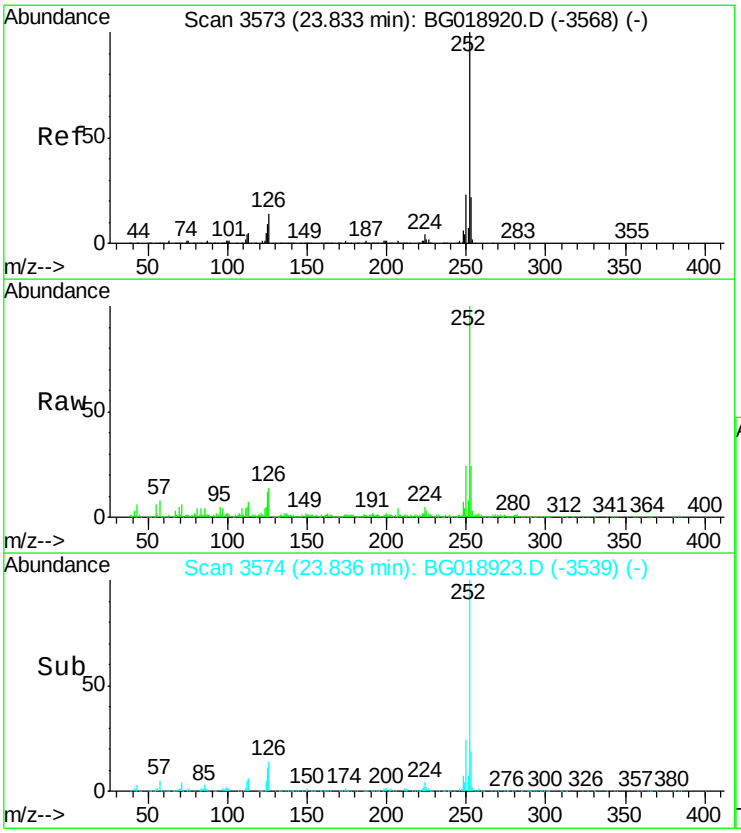
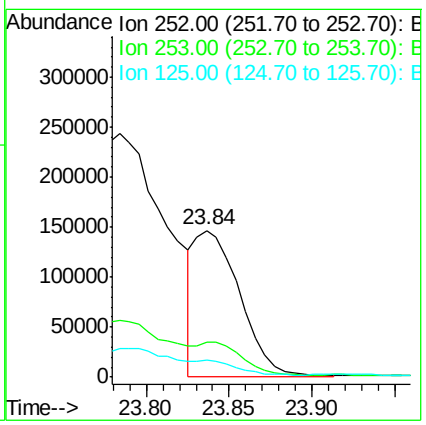
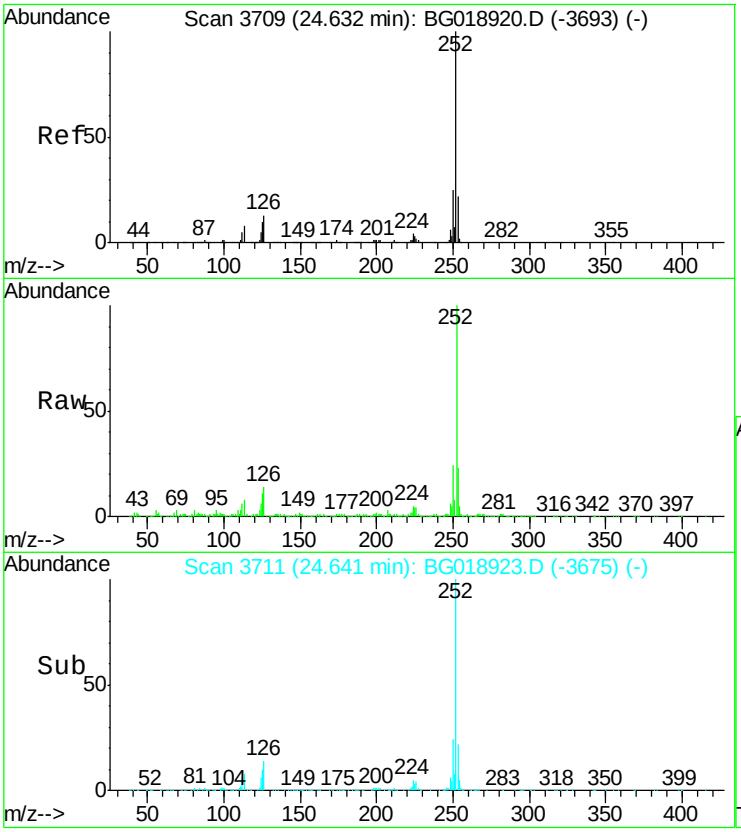


#89
Benzo(k)fluoranthene
Concen: 12.78 ng/ul m
RT: 23.84 min Scan# 3574
Delta R.T. 0.00 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:252 Resp: 281753

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	11.9	9.0	13.4

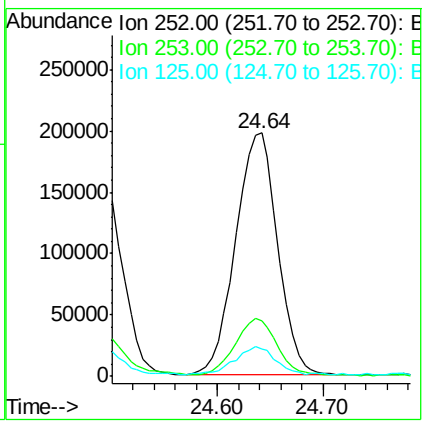




#91
Benzo(a)pyrene
Concen: 24.92 ng/ul
RT: 24.64 min Scan# 3711
Delta R.T. 0.01 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:252 Resp: 544966

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	11.1	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
D9G65

Manual Integrations APPROVED
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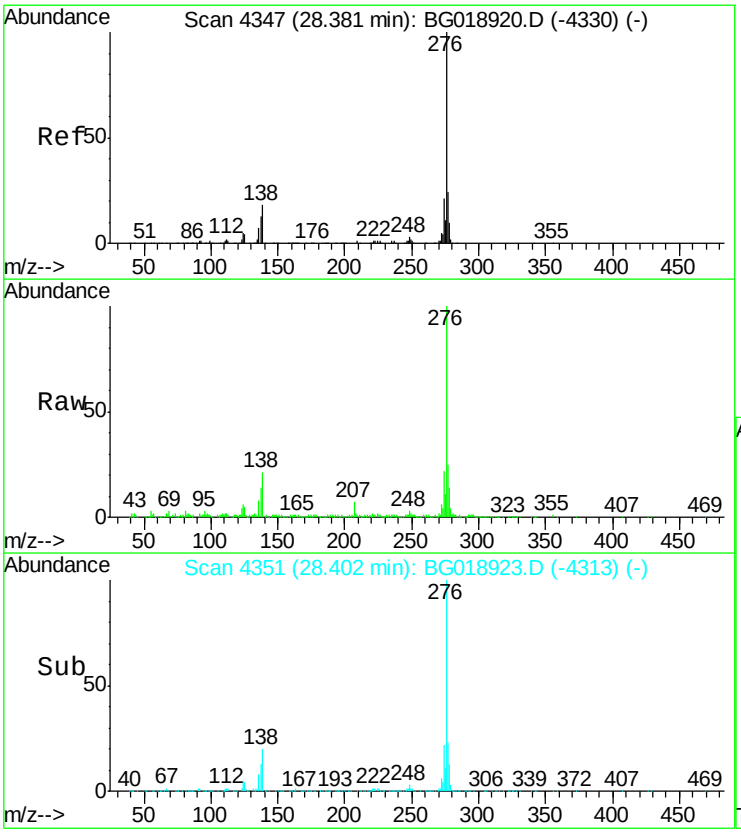
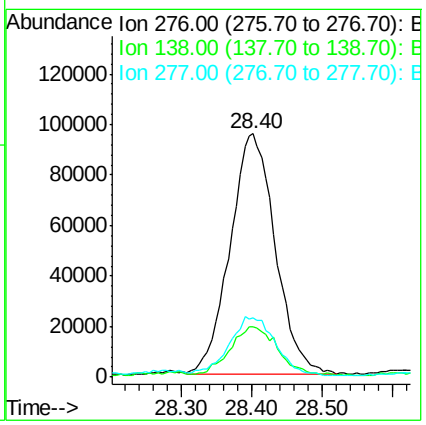
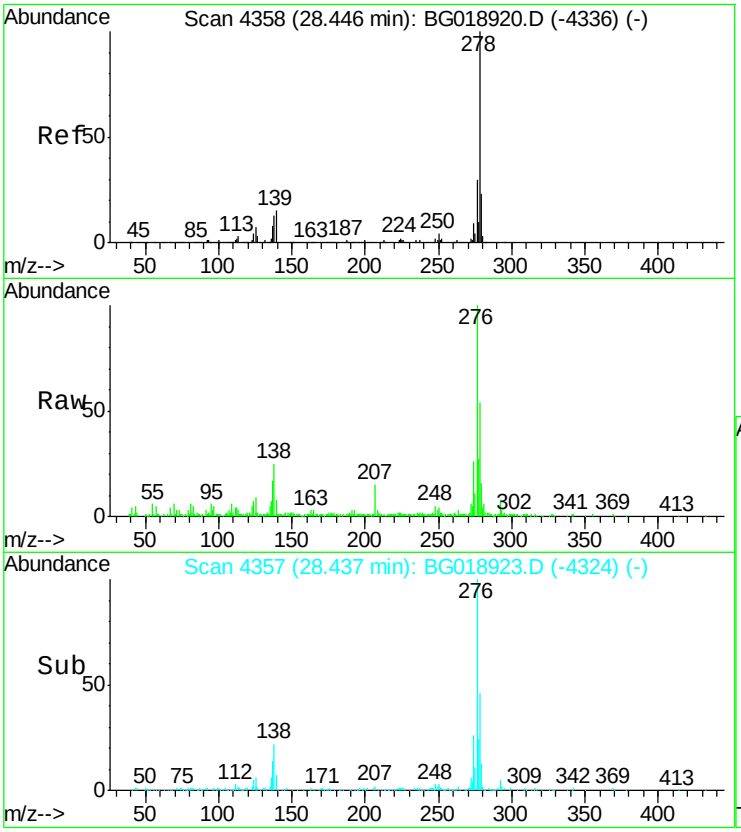


#92
Indeno(1,2,3-cd)pyrene
Concen: 16.73 ng/ul
RT: 28.40 min Scan# 4351
Delta R.T. 0.02 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:276 Resp: 424287

Ion	Ratio	Lower	Upper
276	100		
138	20.8	15.8	23.6
277	24.6	18.9	28.3





#93
Dibenzo(a,h)anthracene
Concen: 5.46 ng/ul
RT: 28.44 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:278 Resp: 111150

Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.8	20.6
279	29.0	17.8	26.8#

Instrument :
BNA_G
ClientSampleId :
D9G65

Manual Integrations APPROVED
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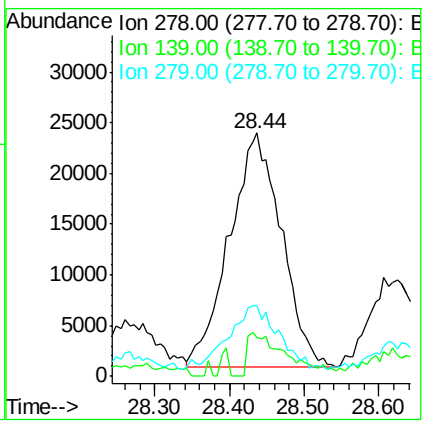

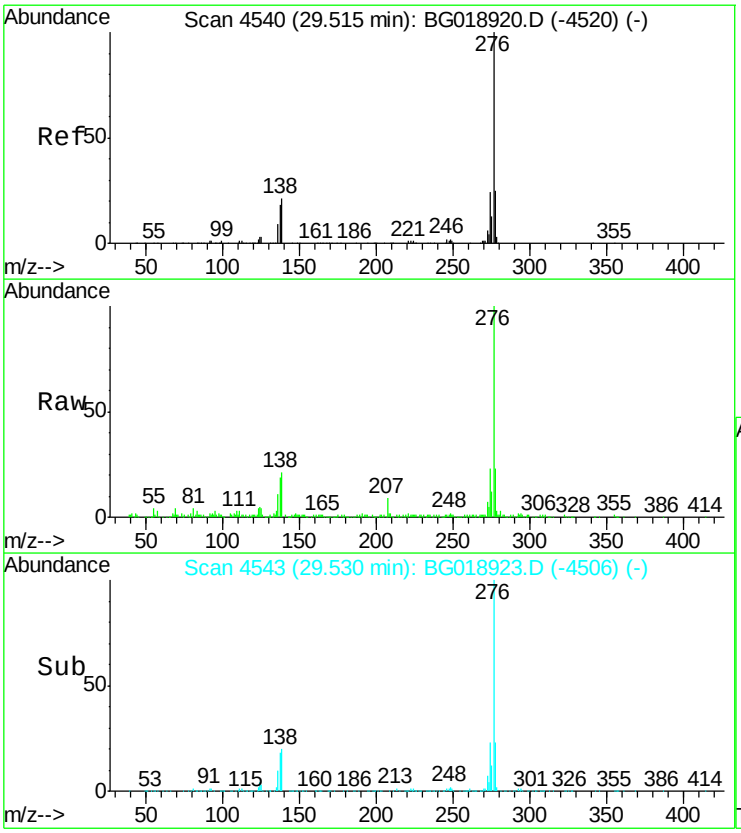

#94
Benzo(g,h,i)perylene
Concen: 16.58 ng/ul
RT: 29.53 min Scan# 4543
Delta R.T. 0.01 min
Lab File: BG018923.D
Acq: 26 Sep 2015 21:36

Tgt Ion:276 Resp: 351056

Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.5	24.7
277	23.5	19.0	28.6