Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026941.D
Acq On : 10 May 2017 16:56
Operator : SJ/MA
Sample : I2884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YAB34

Manual Integrations APPROVED
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Quant Time: May 10 17:54:29 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 17:27:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	199222	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	915007	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	445771	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	792552	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	721308	20.00	ng/ul	0.00
83) Perylene-d12	24.79	264	691086	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	8906	2.01	ng/uL	0.00
5) Phenol-d5	7.18	99	255515	14.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	160834	15.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	214482	14.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	213416	14.46	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	111385	14.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	118045	14.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	189201	14.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	49992	2.83	ng/ul	0.01
43) Dimethylphthalate-d6	14.02	166	539579	15.04	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	726779	16.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	74563	11.53	ng/ul	0.01
57) Fluorene-d10	15.60	176	448233	14.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	30231	6.28	ng/ul	0.00
70) Anthracene-d10	17.45	188	600852	15.62	ng/ul	0.00
76) Pyrene-d10	19.73	212	575920	15.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.57	264	527319	16.14	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.21	94	21579	1.20	ng/ul#	87
28) Naphthalene	10.86	128	87061	1.83	ng/ul	97
44) Dimethylphthalate	14.06	163	217385	6.19	ng/ul	97
49) Acenaphthene	14.68	153	37521	1.17	ng/ul	88
53) Dibenzofuran	15.02	168	81473	1.92	ng/ul	90
58) Fluorene	15.66	166	90134	2.60	ng/ul	98
69) Phenanthrene	17.40	178	1277518	28.61	ng/ul	98
71) Anthracene	17.49	178	98288	2.15	ng/ul	98
72) Carbazole	17.75	167	88737	2.29	ng/ul	95
74) Fluoranthene	19.40	202	1187072	28.64	ng/ul#	79
77) Pyrene	19.76	202	1153904	23.84	ng/ul#	74
80) Benzo(a)anthracene	21.58	228	435060	10.31	ng/ul	95
82) Chrysene	21.65	228	552231	14.09	ng/ul	97
85) Benzo(b)fluoranthene	23.78	252	431401m	10.92	ng/ul	
86) Benzo(k)fluoranthene	23.83	252	287419m	7.41	ng/ul	
88) Benzo(a)pyrene	24.64	252	387794	9.98	ng/ul#	76
89) Indeno(1,2,3-cd)pyrene	28.42	276	169917	3.69	ng/ul#	63
90) Dibenzo(a,h)anthracene	28.45	278	46653	1.19	ng/ul#	25
91) Benzo(g,h,i)perylene	29.56	276	116655	3.05	ng/ul#	51

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

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Data File : BG026941.D
Acq On : 10 May 2017 16:56
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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 17:27:44 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
YAB34

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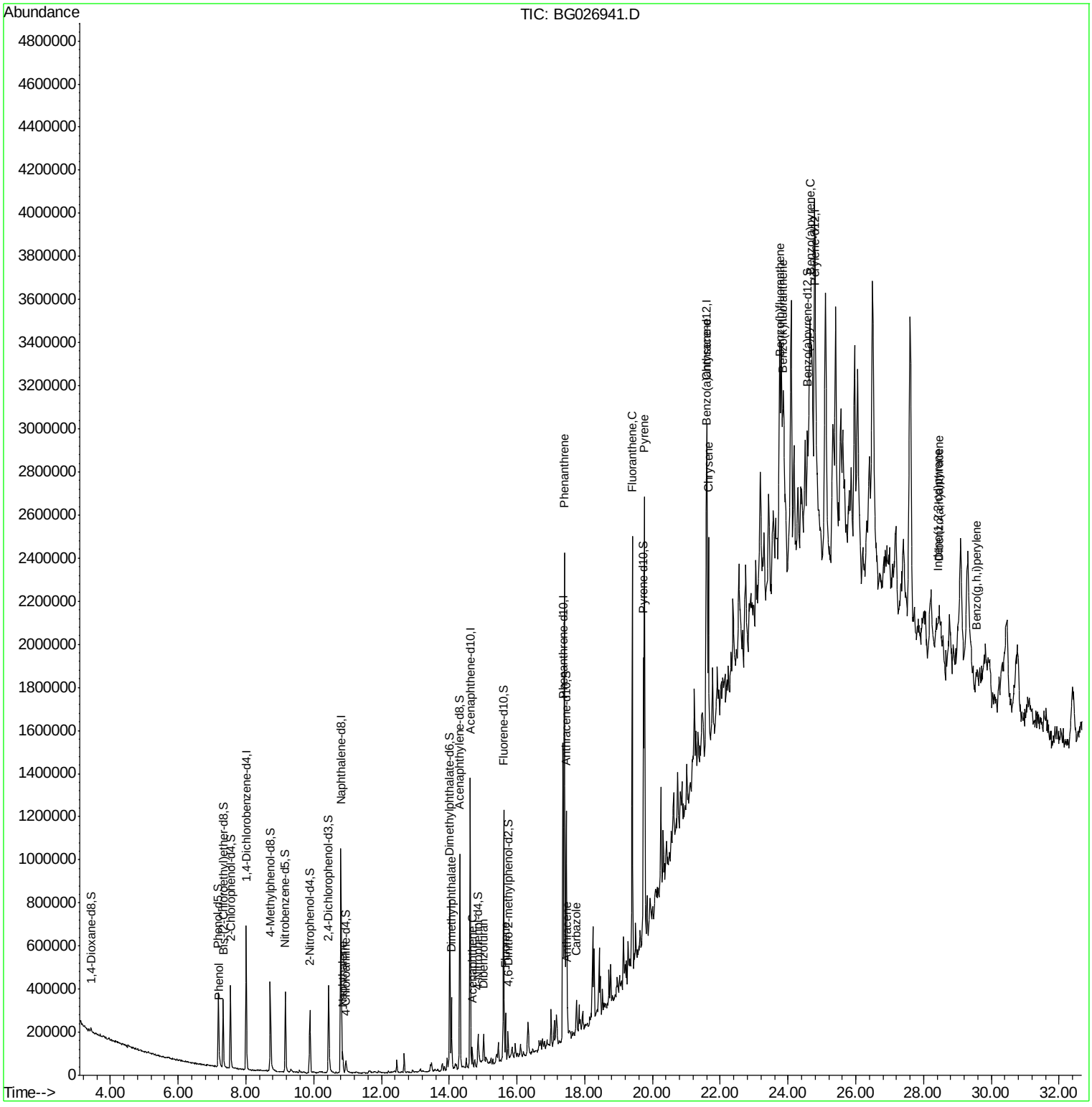
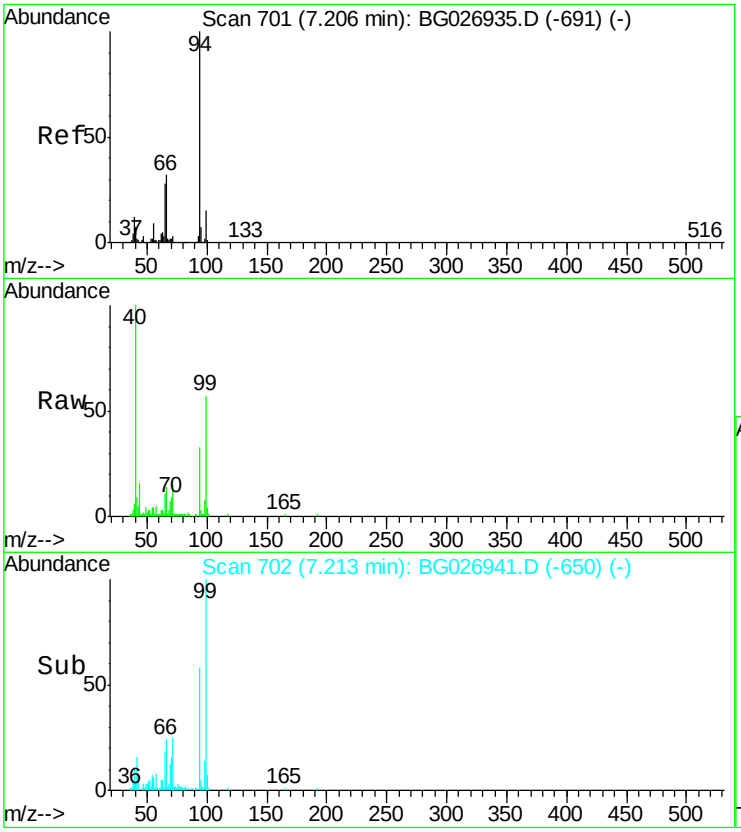
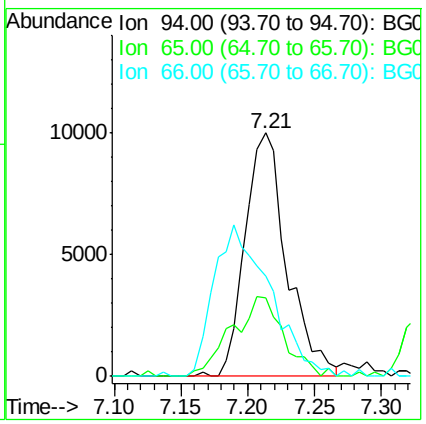




#6
Phenol
Concen: 1.20 ng/ul
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion: 94 Resp: 21579

Ion	Ratio	Lower	Upper
94	100		
65	32.0	26.8	40.2
66	41.2	44.4	66.6#



Instrument :
BNA_G
ClientSampleId :
YAB34

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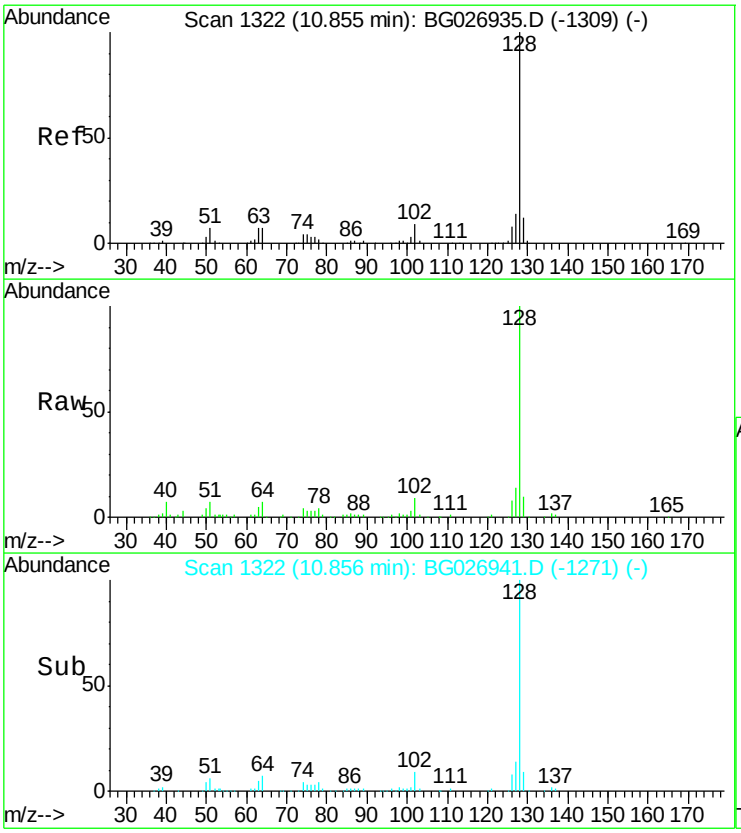
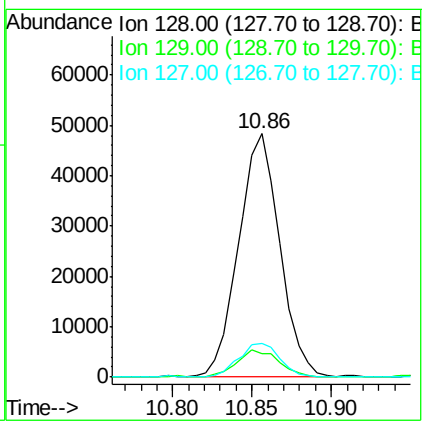
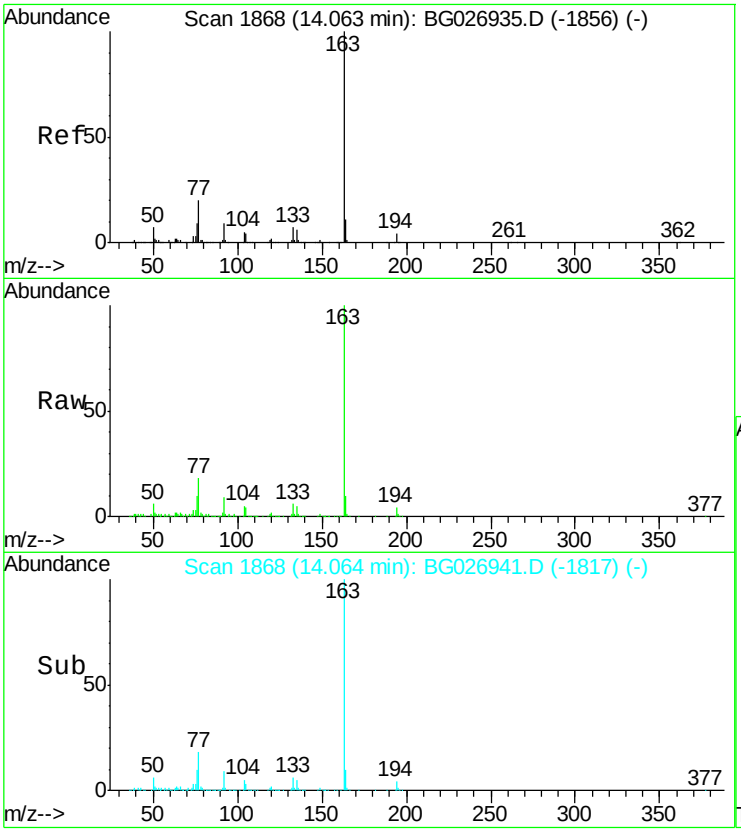


#28
Naphthalene
Concen: 1.83 ng/ul
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:128 Resp: 87061

Ion	Ratio	Lower	Upper
128	100		
129	9.8	9.4	14.2
127	13.7	10.3	15.5

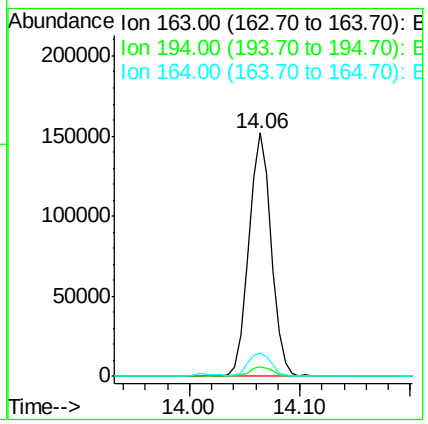




#44
Dimethylphthalate
Concen: 6.19 ng/ul
RT: 14.06 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:163 Resp: 217385

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.7	9.0	13.4



Instrument :
BNA_G
ClientSampleId :
YAB34

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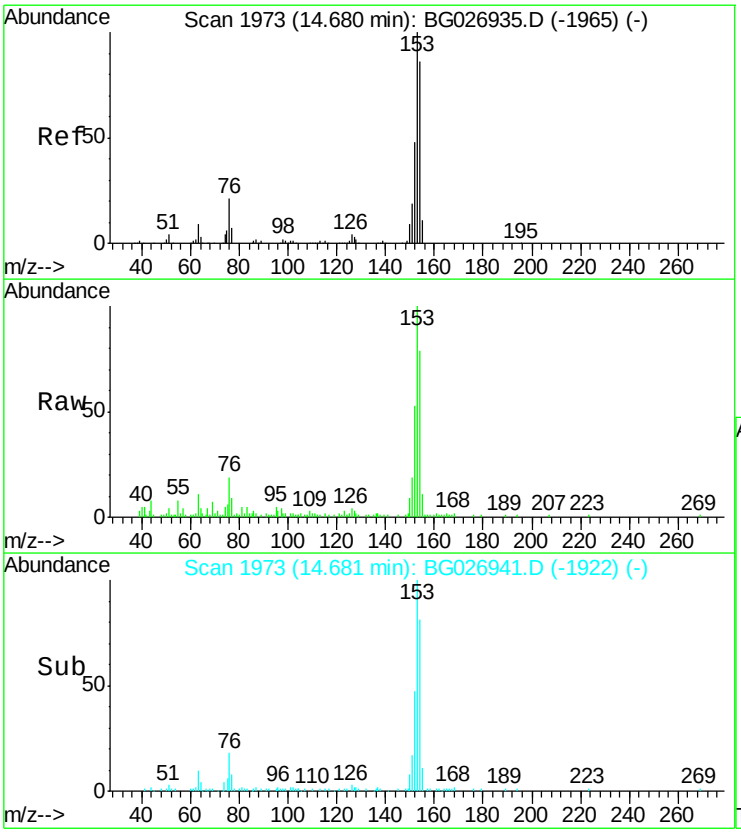
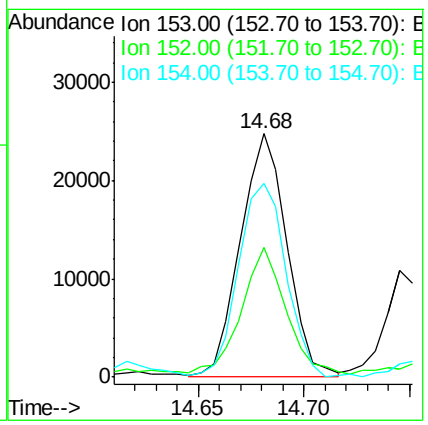
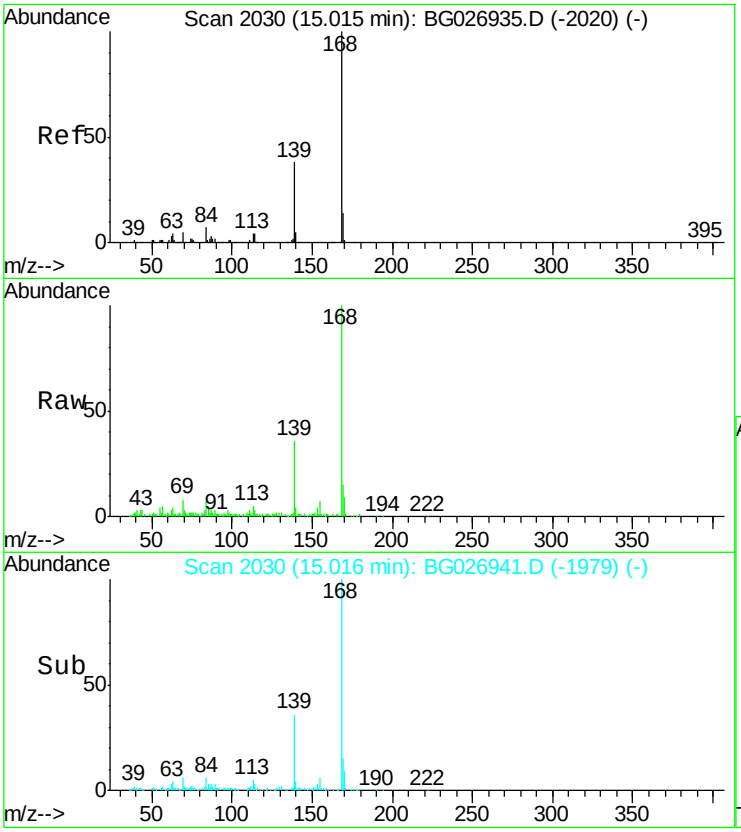


#49
Acenaphthene
Concen: 1.17 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:153 Resp: 37521

Ion	Ratio	Lower	Upper
153	100		
152	53.5	36.5	54.7
154	79.4	72.3	108.5

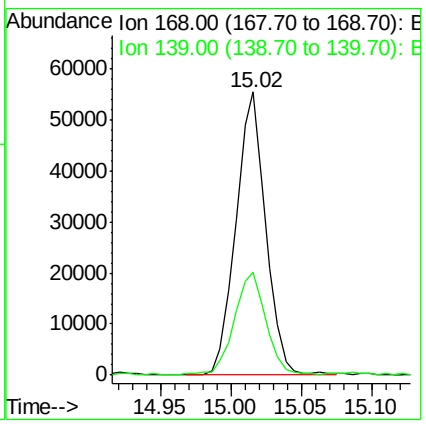




#53
Dibenzofuran
Concen: 1.92 ng/ul
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:168 Resp: 81473

Ion	Ratio	Lower	Upper
168	100		
139	36.2	33.8	50.8



Instrument :
BNA_G
ClientSampleId :
YAB34

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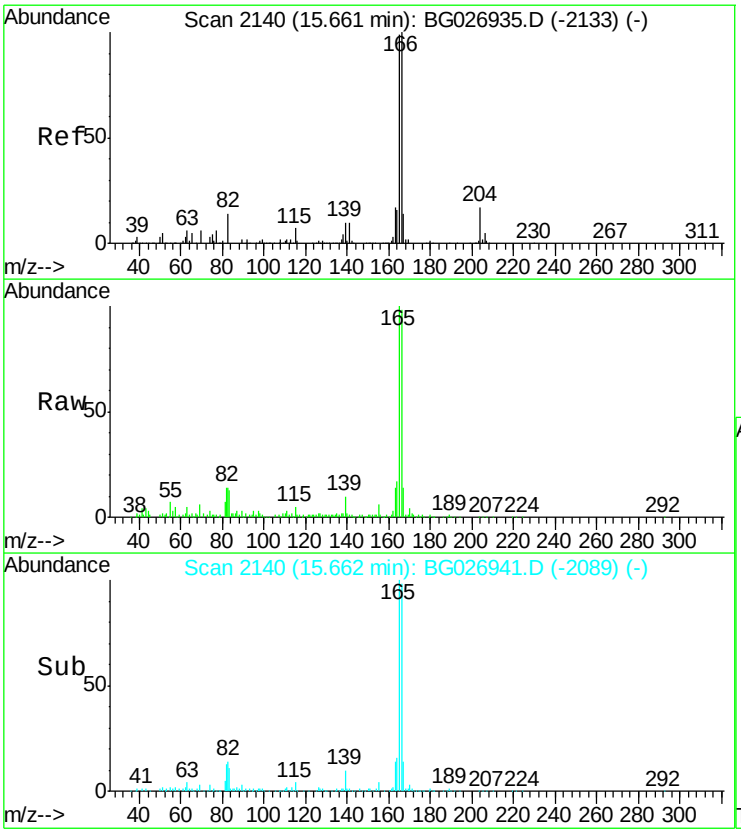
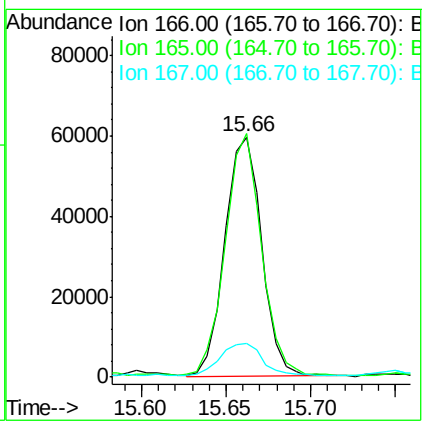
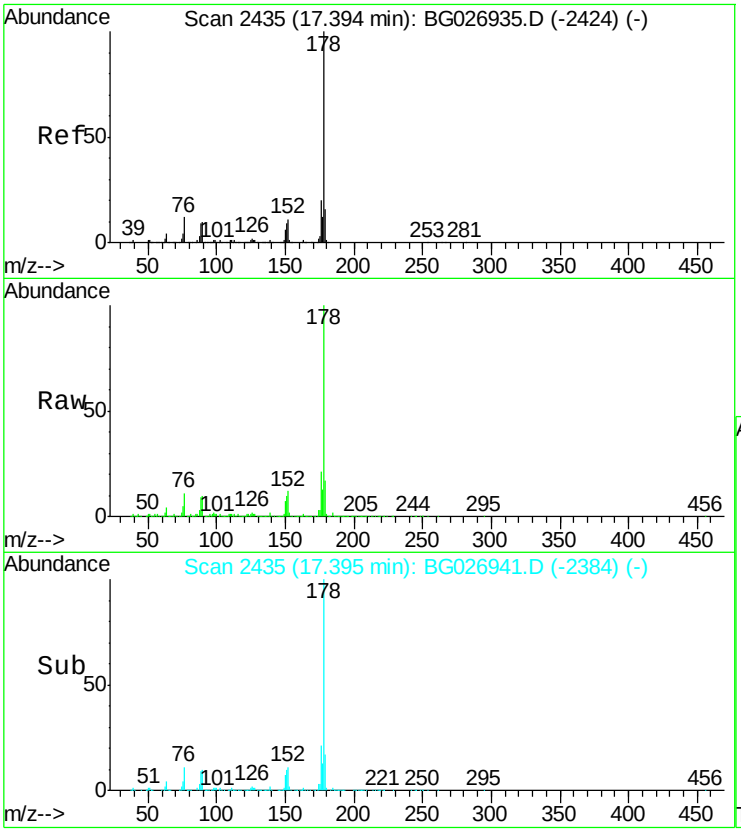


#58
Fluorene
Concen: 2.60 ng/ul
RT: 15.66 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:166 Resp: 90134

Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.7	119.5
167	13.8	11.4	17.2

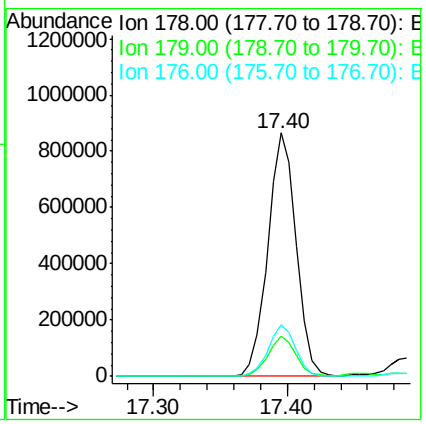




#69
Phenanthrene
Concen: 28.61 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:178 Resp: 1277518

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	21.3	16.5	24.7



Instrument :
BNA_G
ClientSampleId :
YAB34

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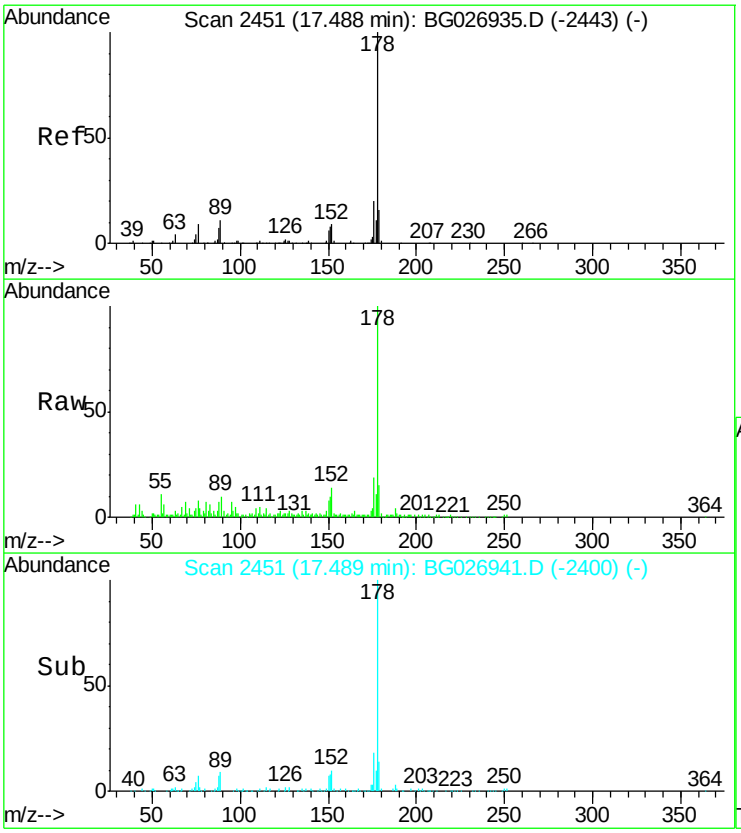
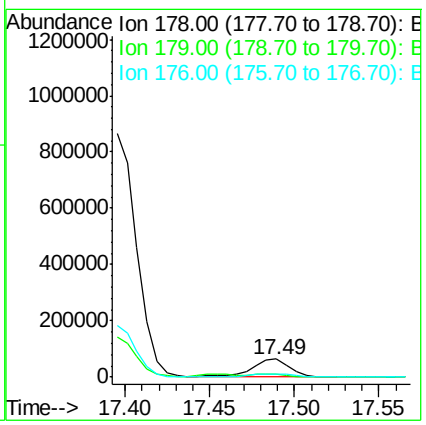
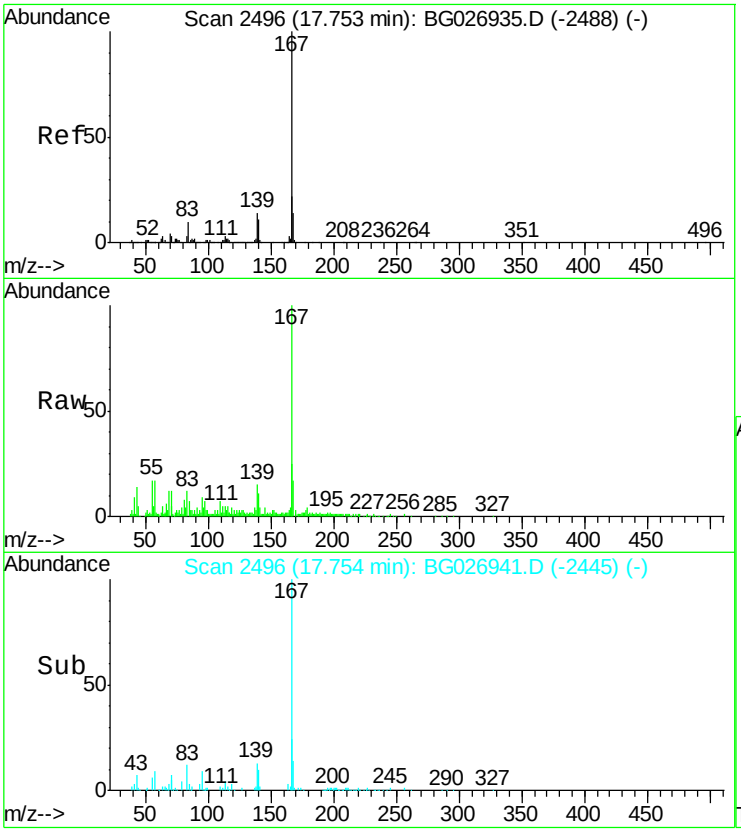


#71
Anthracene
Concen: 2.15 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:178 Resp: 98288

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.8	15.9	23.9

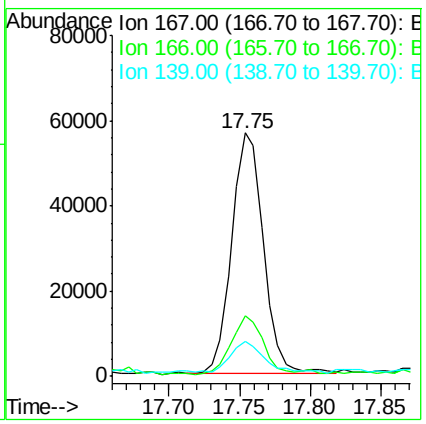




#72
Carbazole
Concen: 2.29 ng/ul
RT: 17.75 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:167 Resp: 88737

Ion	Ratio	Lower	Upper
167	100		
166	24.8	17.9	26.9
139	14.6	10.5	15.7



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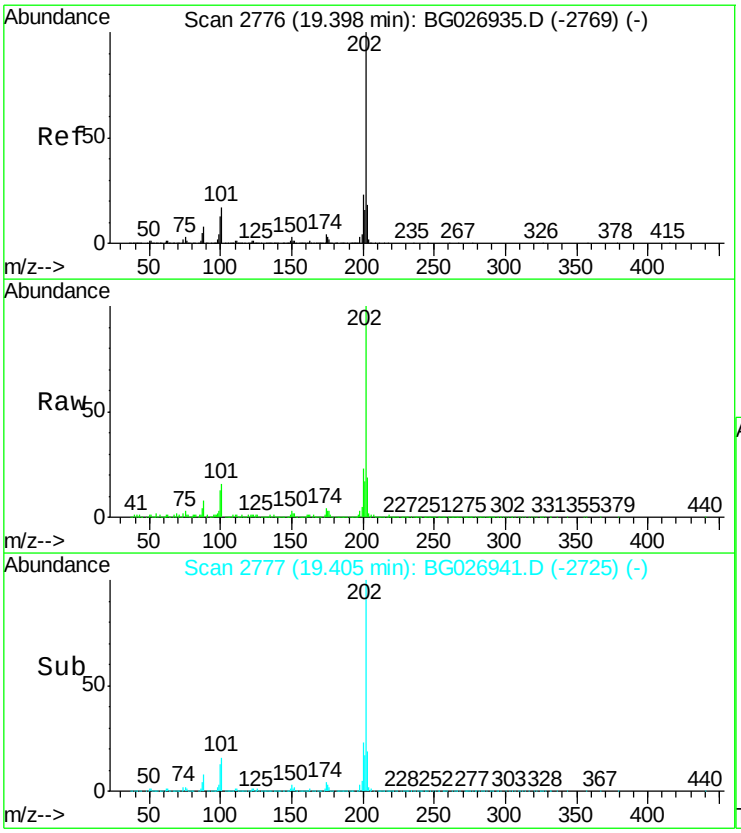
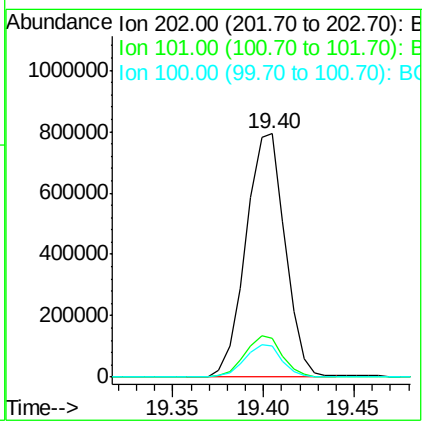
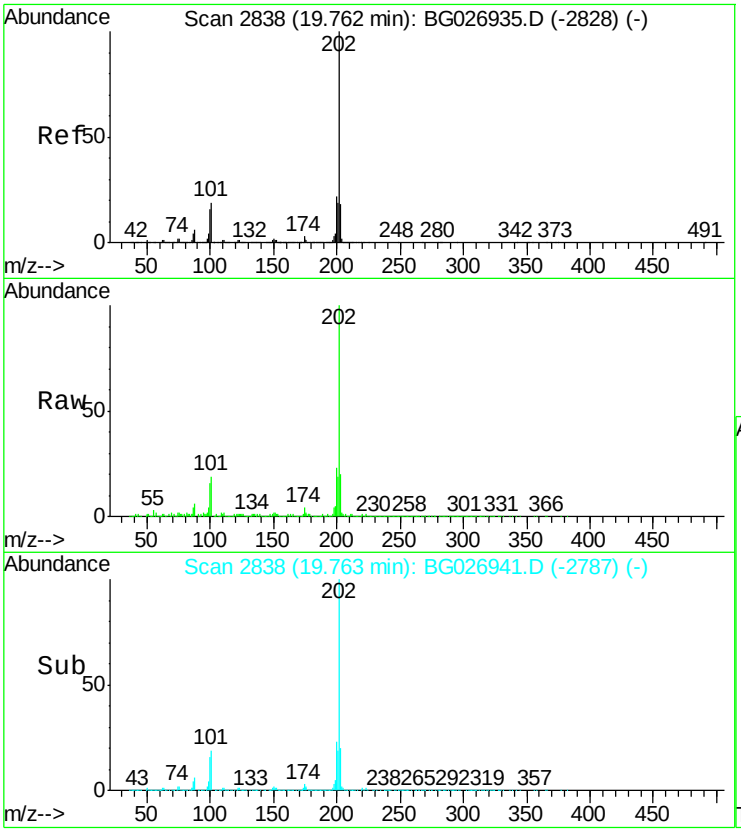


#74
Fluoranthene
Concen: 28.64 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.01 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:202 Resp: 1187072

Ion	Ratio	Lower	Upper
202	100		
101	15.7	6.2	9.2#
100	12.8	5.2	7.8#





#77
Pyrene
Concen: 23.84 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:202 Resp: 1153904

Ion	Ratio	Lower	Upper
202	100		
101	19.2	6.9	10.3#
100	16.2	6.6	10.0#

Instrument :
BNA_G
ClientSampleId :
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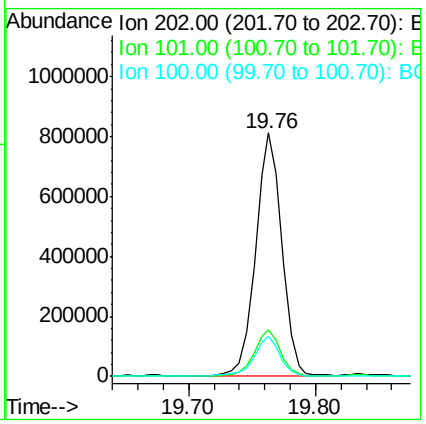
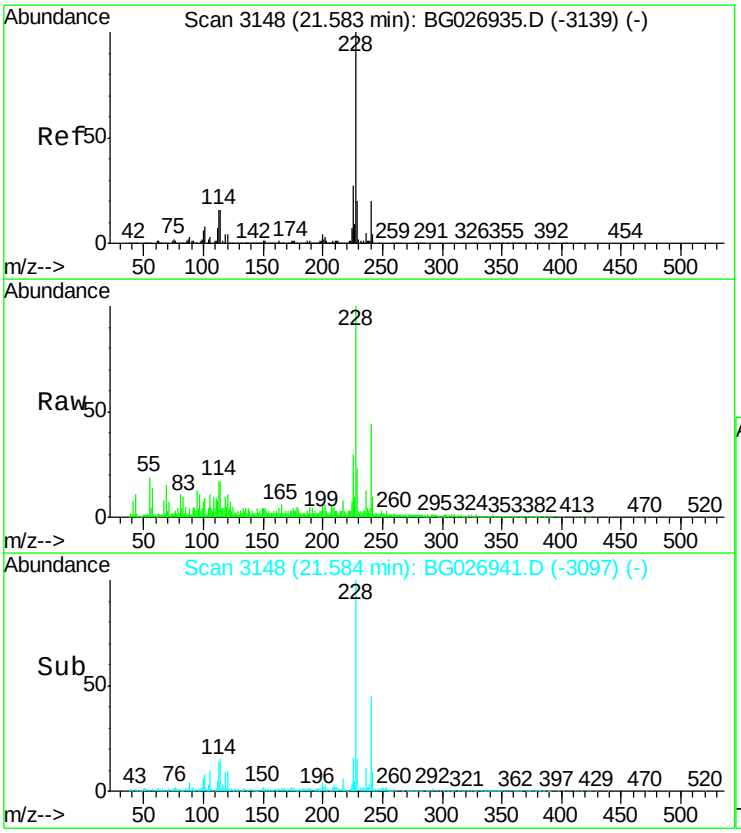
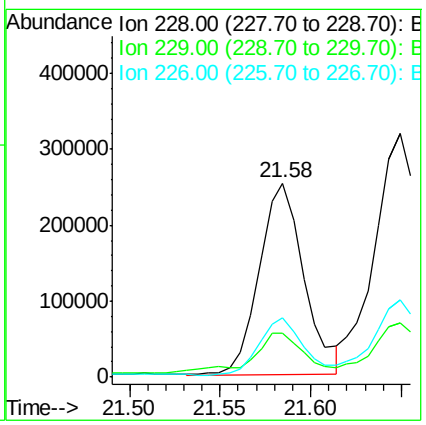


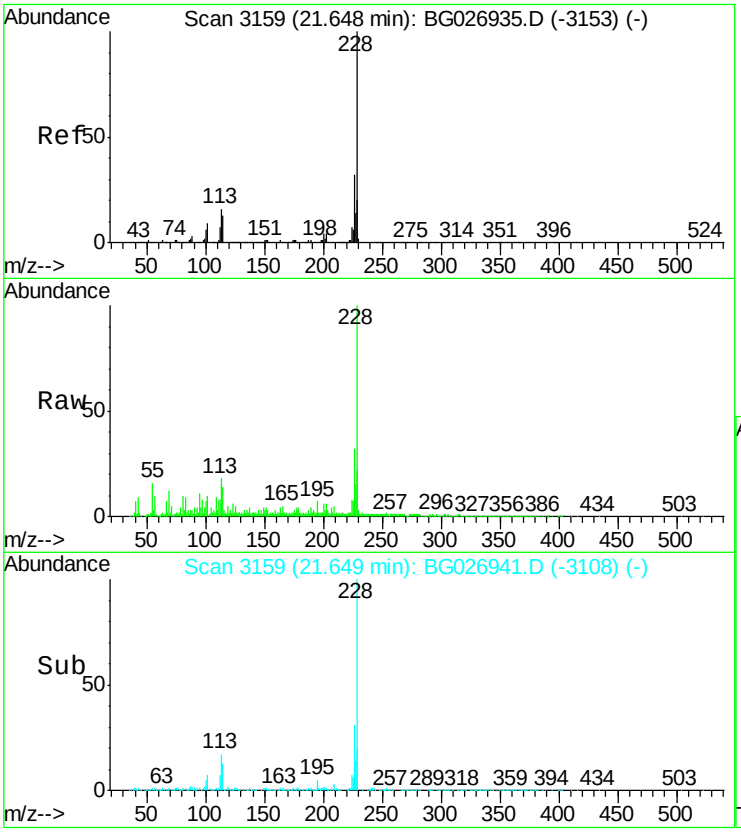


#80
Benzo(a)anthracene
Concen: 10.31 ng/ul
RT: 21.58 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:228 Resp: 435060

Ion	Ratio	Lower	Upper
228	100		
229	22.8	16.3	24.5
226	30.3	21.9	32.9

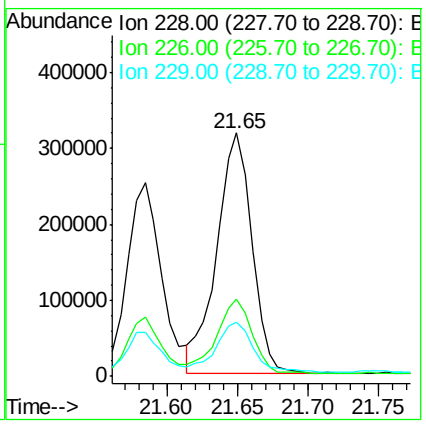




#82
Chrysene
Concen: 14.09 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:228 Resp: 552231

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.0	36.0
229	22.3	16.9	25.3



Instrument :
BNA_G
ClientSampleId :
YAB34

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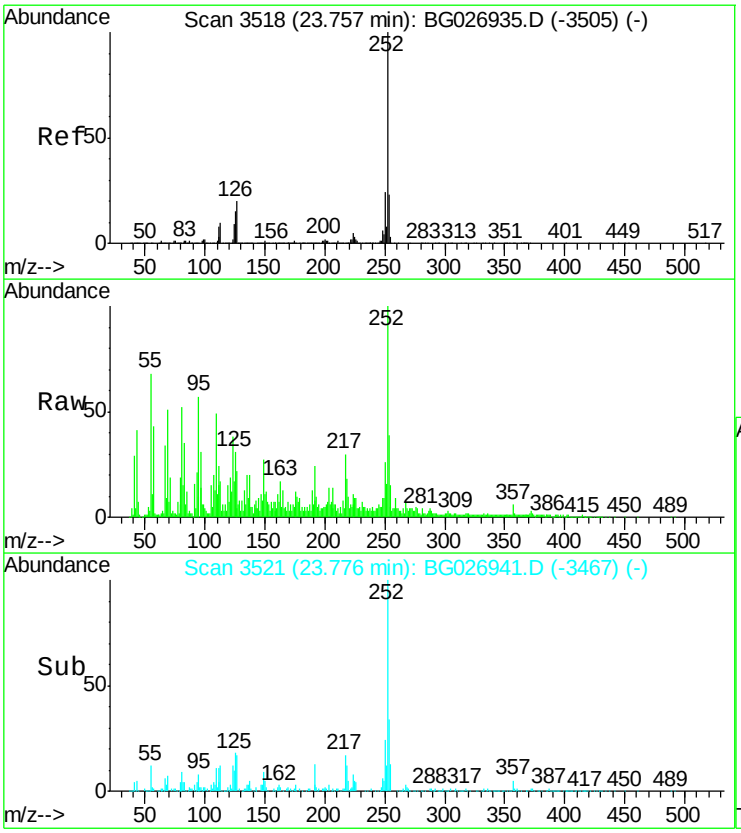
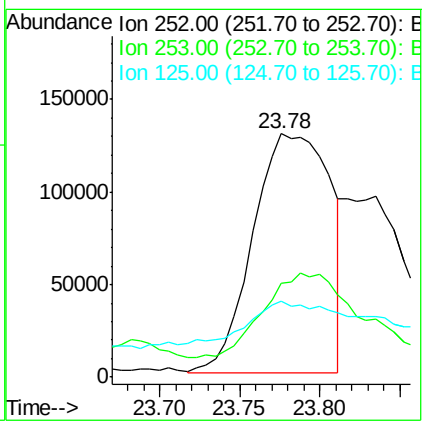
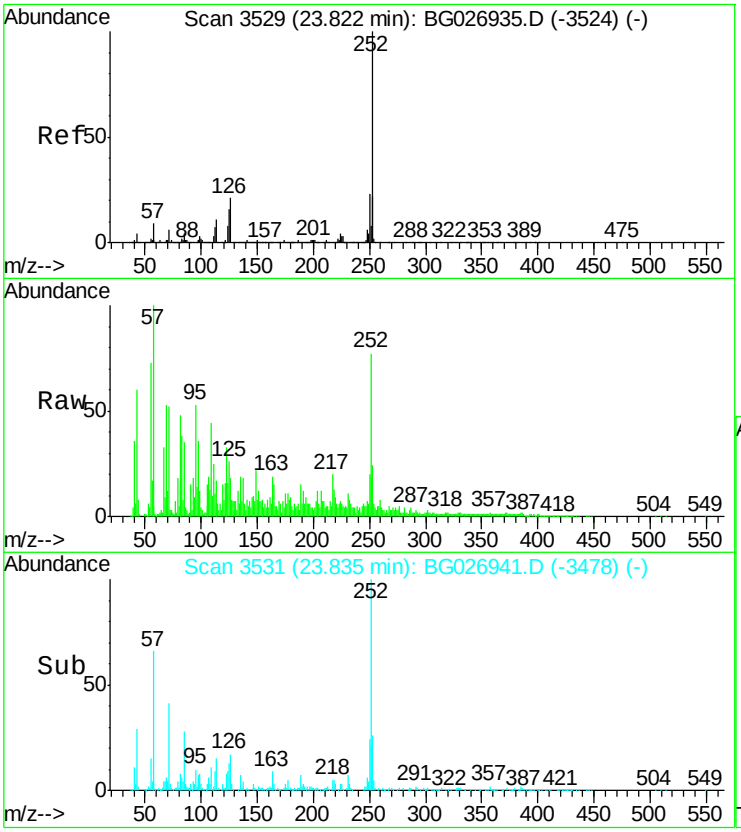


#85
Benzo(b)fluoranthene
Concen: 10.92 ng/ul m
RT: 23.78 min Scan# 3521
Delta R.T. 0.02 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:252 Resp: 431401

Ion	Ratio	Lower	Upper
252	100		
253	38.6	17.7	26.5#
125	31.0	4.0	6.0#

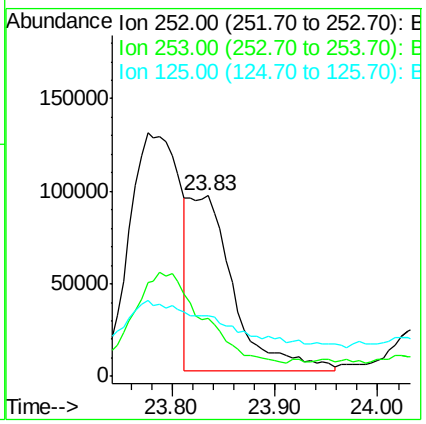




#86
Benzo(k)fluoranthene
Concen: 7.41 ng/ul m
RT: 23.83 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:252 Resp: 287419

Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.5	27.7#
125	33.9	4.1	6.1#



Instrument :
BNA_G
ClientSampleId :
YAB34

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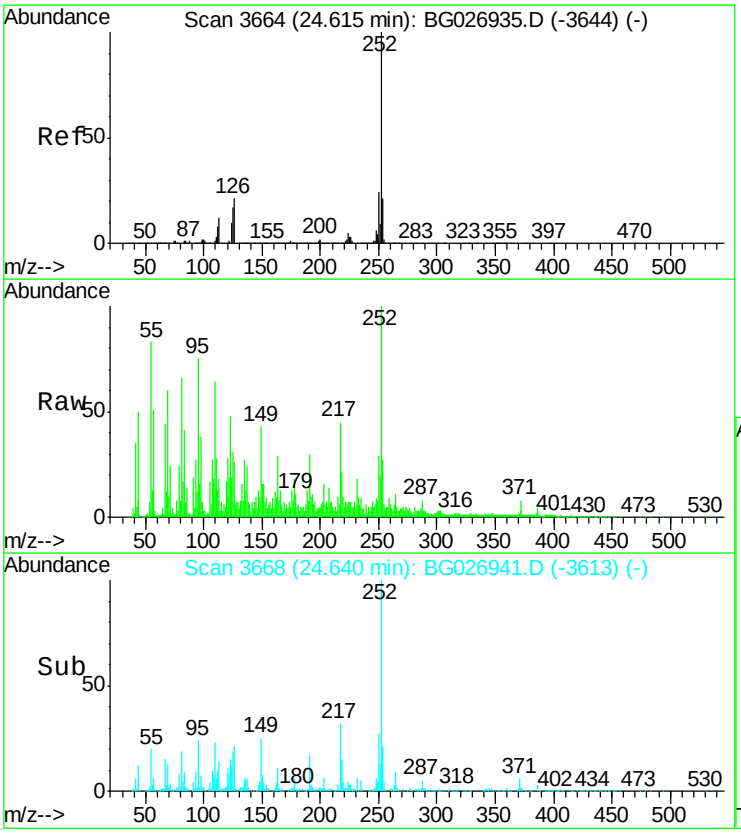
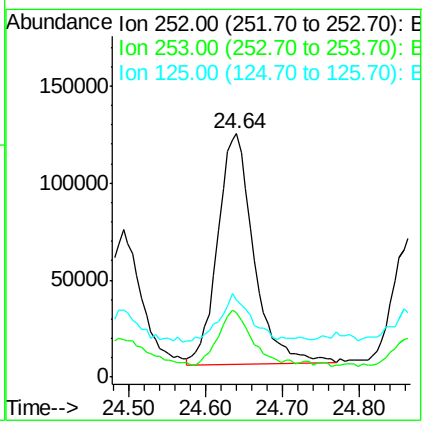
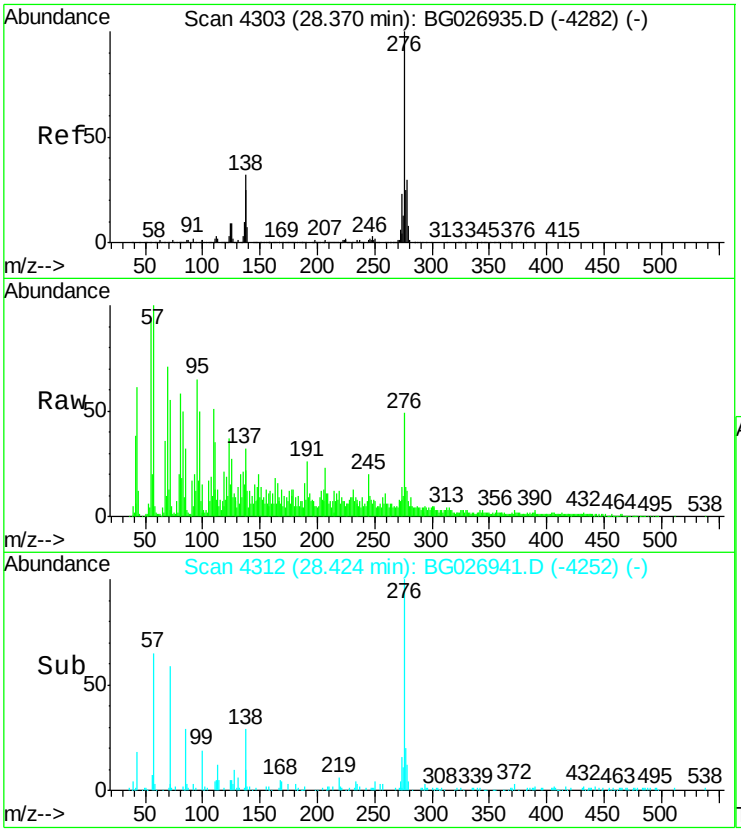


#88
Benzo(a)pyrene
Concen: 9.98 ng/ul
RT: 24.64 min Scan# 3668
Delta R.T. 0.02 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:252 Resp: 387794

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.8	26.6
125	31.5	5.4	8.0#





#89
Indeno(1,2,3-cd)pyrene
Concen: 3.69 ng/ul
RT: 28.42 min Scan# 4312
Delta R.T. 0.05 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:276 Resp: 169917

Ion	Ratio	Lower	Upper
276	100		
138	46.3	8.2	12.4#
277	28.8	18.6	28.0#

Instrument :
BNA_G
ClientSampleId :
YAB34

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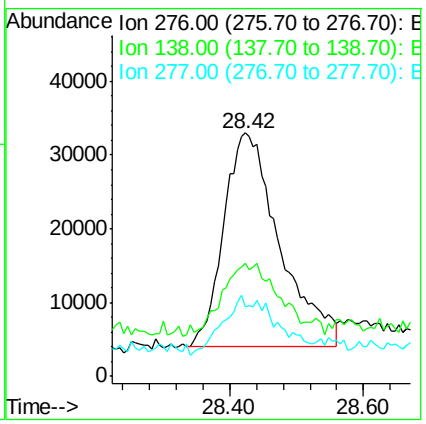
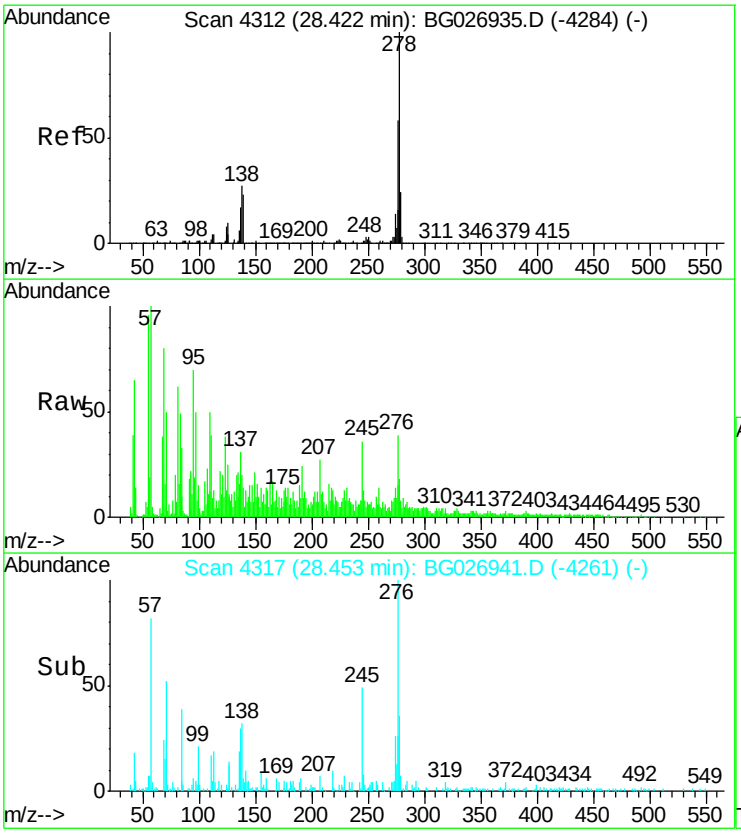
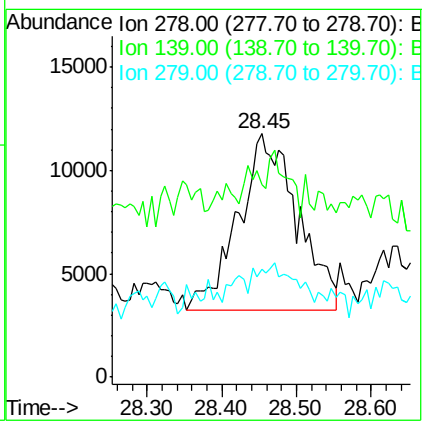


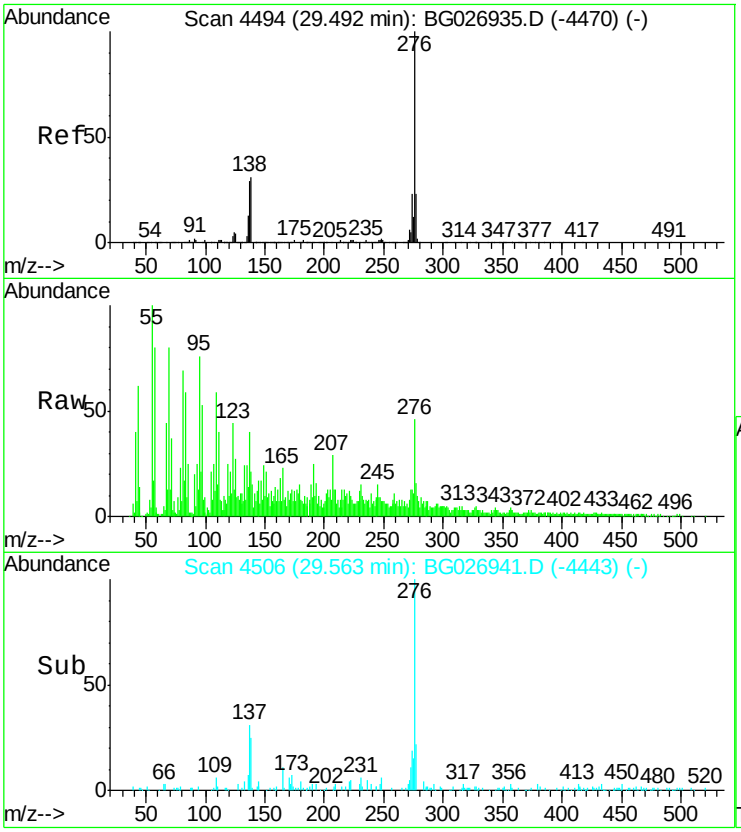


#90
Dibenzo(a,h)anthracene
Concen: 1.19 ng/ul
RT: 28.45 min Scan# 4317
Delta R.T. 0.03 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:278 Resp: 46653

Ion	Ratio	Lower	Upper
278	100		
139	79.0	6.7	10.1#
279	44.5	20.9	31.3#

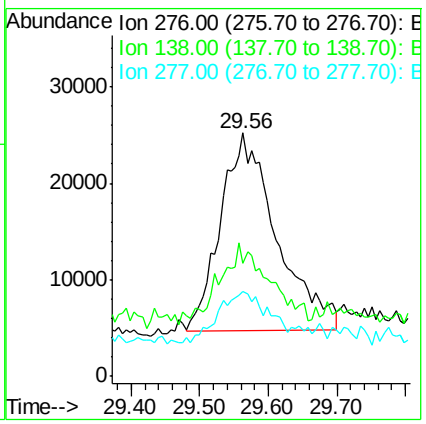




#91
Benzo(g,h,i)perylene
Concen: 3.05 ng/ul
RT: 29.56 min Scan# 4506
Delta R.T. 0.07 min
Lab File: BG026941.D
Acq: 10 May 2017 16:56

Tgt Ion:276 Resp: 116655

Ion	Ratio	Lower	Upper
276	100		
138	46.2	8.6	12.8#
277	34.6	17.6	26.4#



Instrument :
BNA_G
ClientSampleId :
YAB34

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