Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Time: Aug 03 06:02:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	83125	20.00	ng/ul	0.01
18) Naphthalene-d8	10.27	136	326766	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.16	164	155040	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.93	188	278632	20.00	ng/ul	0.02
78) Chrysene-d12	21.14	240	379102	20.00	ng/ul	0.03
86) Perylene-d12	23.34	264	347411	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	943	0.86	ng/uL	0.01
5) Phenol-d5	6.69	99	56942	7.62	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.83	67	33753	8.83	ng/ul	0.01
9) 2-Chlorophenol-d4	7.02	132	49063	8.69	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	17927	2.95	ng/ul	0.02
19) Nitrobenzene-d5	8.64	128	29236	11.36	ng/ul	0.02
22) 2-Nitrophenol-d4	9.36	143	28418	9.62	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.91	165	48519	9.29	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	8137	1.25	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	137999	11.52	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	153470	11.05	ng/ul	0.02
52) 4-Nitrophenol-d4	14.42	143	10320	4.65	ng/ul	0.03
58) Fluorene-d10	15.17	176	111176	10.25	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.31	200	234	0.12	ng/ul	0.02
71) Anthracene-d10	16.93	188	278866	23.02	ng/ul	-0.08
79) Pyrene-d10	19.34	212	157138	8.57	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.20	264	192422	10.95	ng/ul	0.05
Target Compounds						Qvalue
4) Benzaldehyde	6.63	77	6829	1.69	ng/ul#	1
14) Acetophenone	8.28	105	25348	2.68	ng/ul#	42
28) Naphthalene	10.32	128	85623	5.44	ng/ul#	97
34) 2-Methylnaphthalene	11.95	142	88320	7.09	ng/ul	97
35) 1-Methylnaphthalene	12.17	142	65897	5.51	ng/ul#	95
45) Dimethylphthalate	13.63	163	225378	18.91	ng/ul	100
50) Acenaphthene	14.22	153	13622	1.52	ng/ul#	81
54) Dibenzofuran	14.57	168	22782	1.68	ng/ul#	56
57) Diethylphthalate	15.00	149	13461	1.09	ng/ul#	76
59) Fluorene	15.22	166	14539	1.24	ng/ul#	79
65) N-Nitrosodiphenylamine	15.45	169	23557	3.26	ng/ul#	53
70) Phenanthrene	16.97	178	396134	27.99	ng/ul	99
72) Anthracene	16.97	178	396134	28.13	ng/ul	96
75) Carbazole	17.34	167	29209	2.50	ng/ul#	71
76) Di-n-butylphthalate	17.91	149	16603	1.07	ng/ul#	74
77) Fluoranthene	19.01	202	792109	50.95	ng/ul#	92
80) Pyrene	19.37	202	663418	28.85	ng/ul#	92
83) Benzo(a)anthracene	21.13	228	417715	20.46	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.06	149	176697	14.02	ng/ul#	94
85) Chrysene	21.18	228	516942	27.64	ng/ul	94
88) Benzo(b)fluoranthene	22.69	252	654052	31.34	ng/ul#	93
89) Benzo(k)fluoranthene	22.69	252	654052	34.10	ng/ul#	93
91) Benzo(a)pyrene	23.25	252	286054	15.32	ng/ul#	87

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Time: Aug 03 06:02:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Indeno(1,2,3-cd)pyrene	25.57	276	160083	7.41	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.56	278	26214	1.42	ng/ul#	62
94) Benzo(g,h,i)perylene	26.26	276	135397	7.68	ng/ul#	91

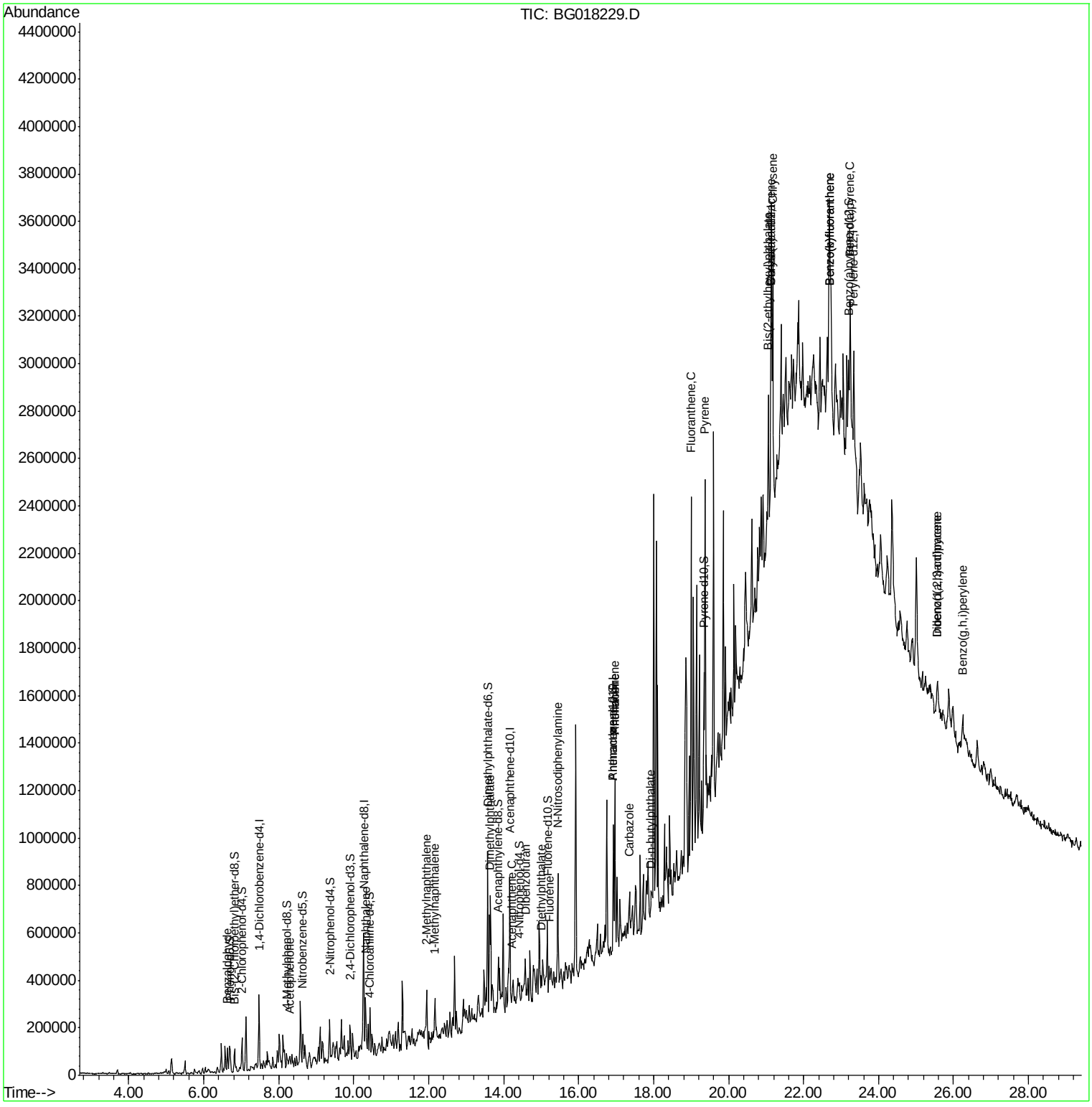
(#) = qualifier out of range (m) = manual integration (+) = signals summed

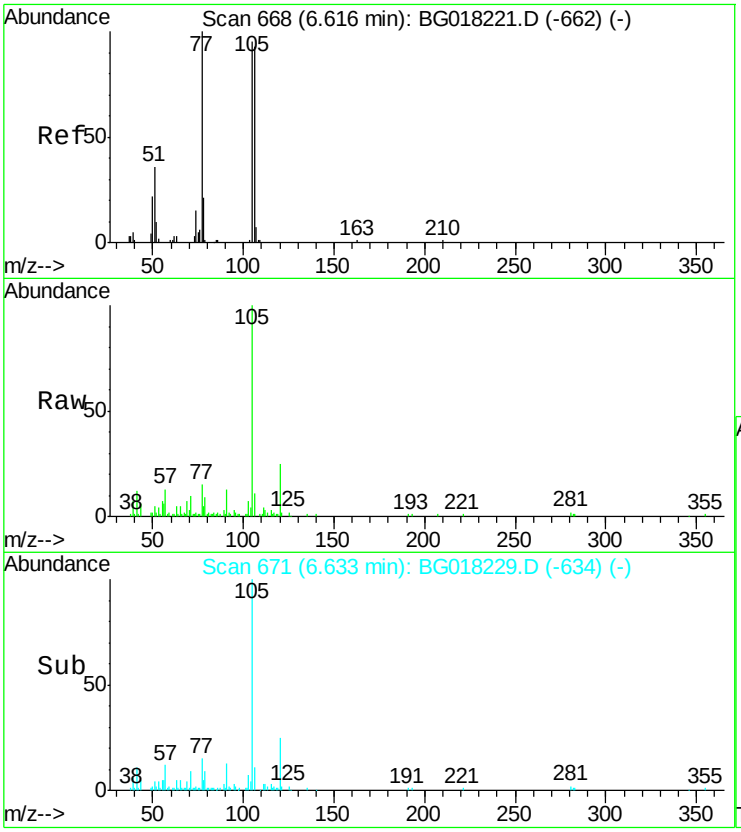
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Time: Aug 03 06:02:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration



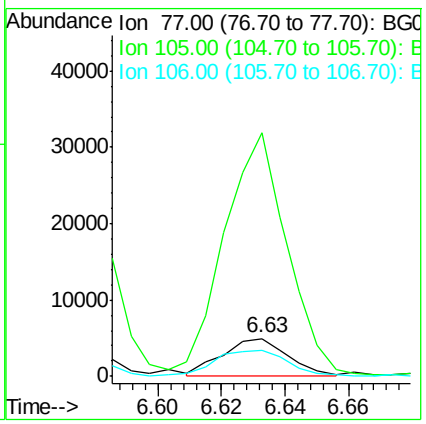


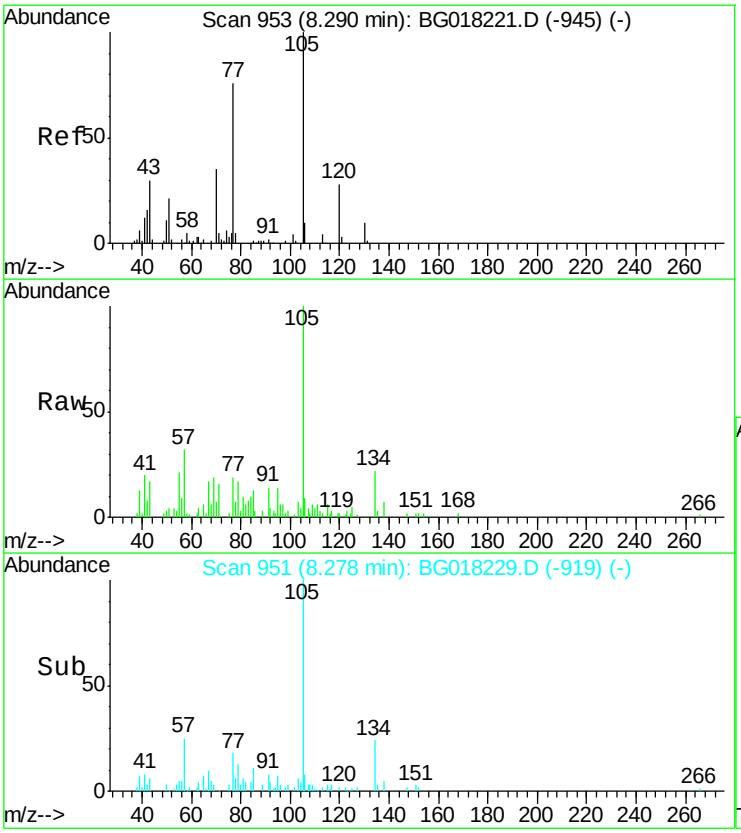
#4
Benzaldehyde
Concen: 1.69 ng/ul
RT: 6.63 min Scan# 671
Delta R.T. 0.02 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Instrument :
BNA_G
ClientSampleId :
C01Z4RE

Tgt Ion: 77 Resp: 6829

Ion	Ratio	Lower	Upper
77	100		
105	649.2	89.8	134.6#
106	71.0	94.2	141.4#

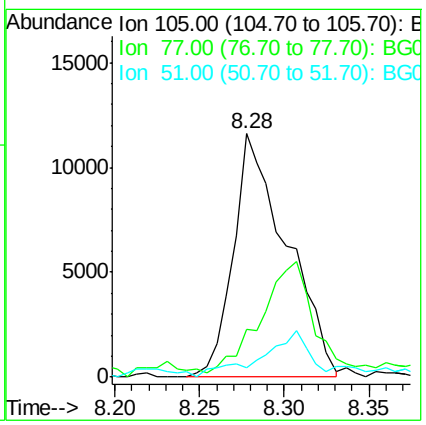


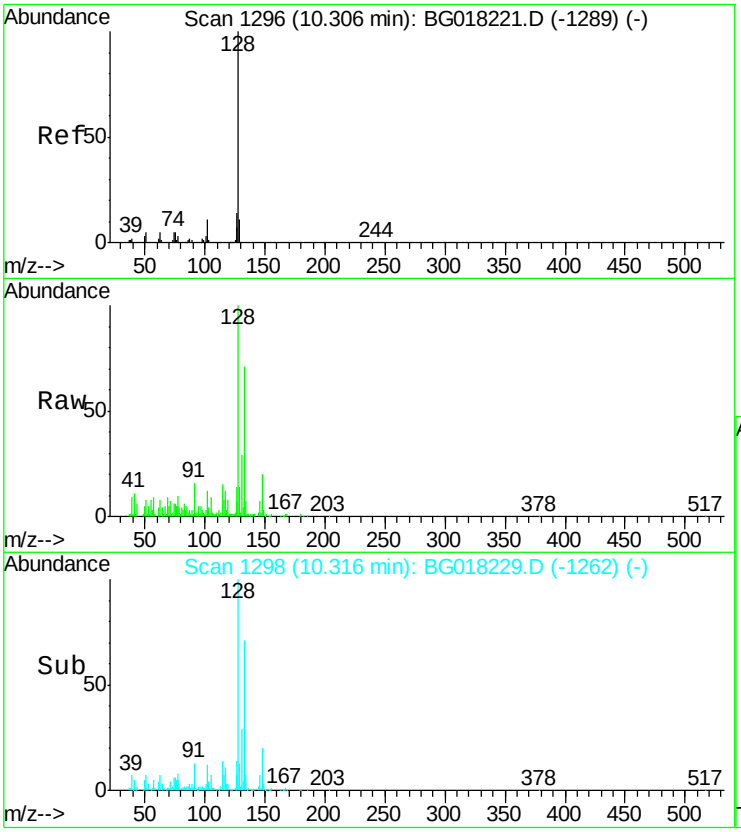


#14
Acetophenone
Concen: 2.68 ng/ul
RT: 8.28 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Tgt Ion:105 Resp: 25348

Ion	Ratio	Lower	Upper
105	100		
77	19.5	58.4	87.6#
51	3.7	16.5	24.7#



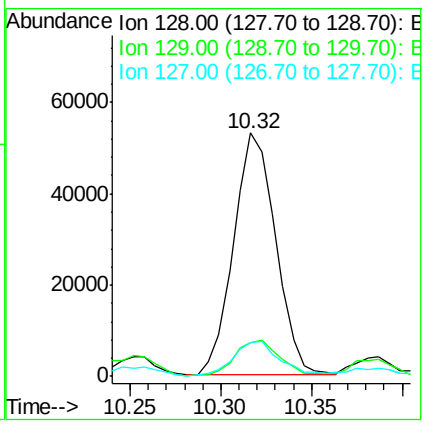


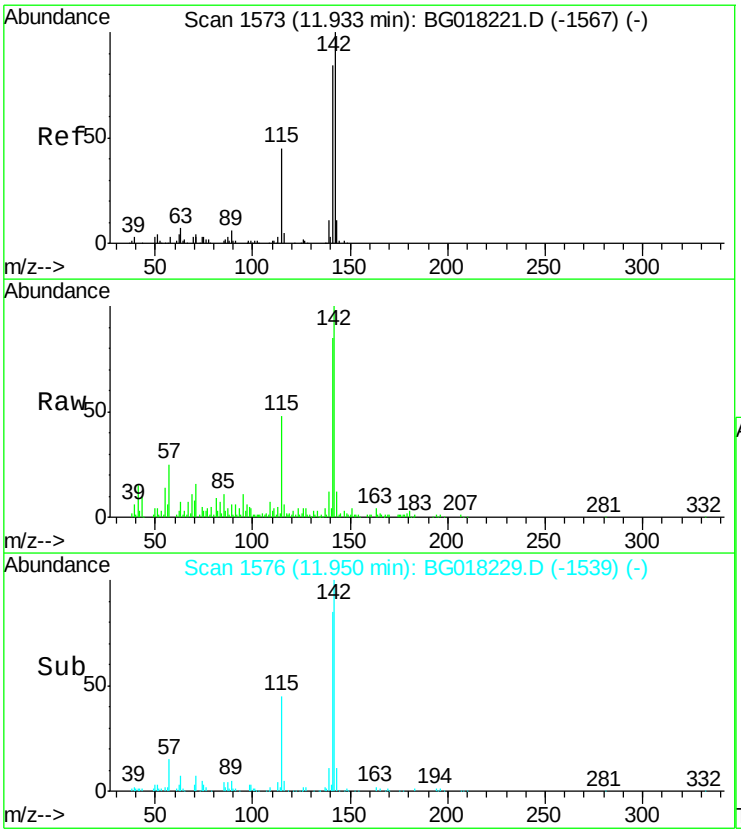
#28
Naphthalene
Concen: 5.44 ng/ul
RT: 10.32 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Instrument :
BNA_G
ClientSampleId :
C01Z4RE

Tgt Ion:128 Resp: 85623

Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.1	13.7#
127	14.0	11.2	16.8

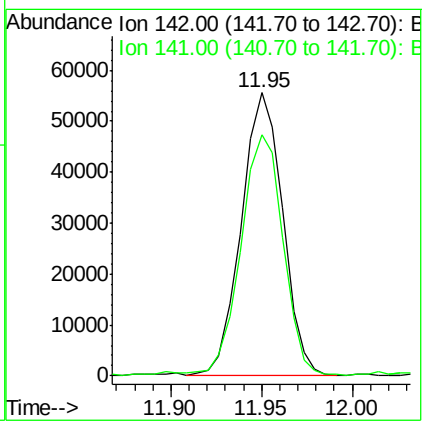


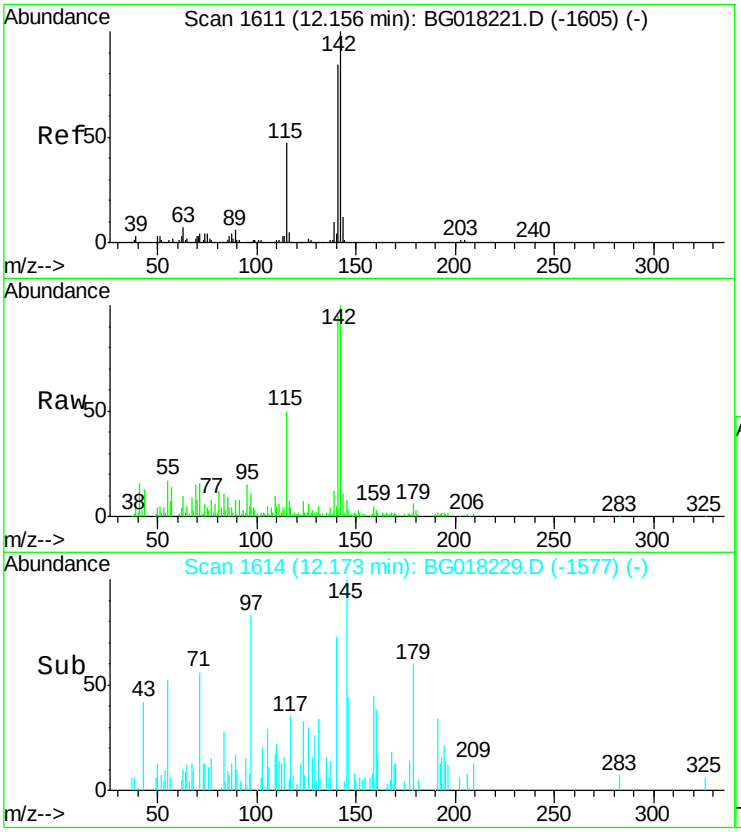


#34
2-Methylnaphthalene
Concen: 7.09 ng/ul
RT: 11.95 min Scan# 1576
Delta R.T. 0.02 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Tgt Ion:142 Resp: 88320

Ion	Ratio	Lower	Upper
142	100		
141	85.4	70.3	105.5



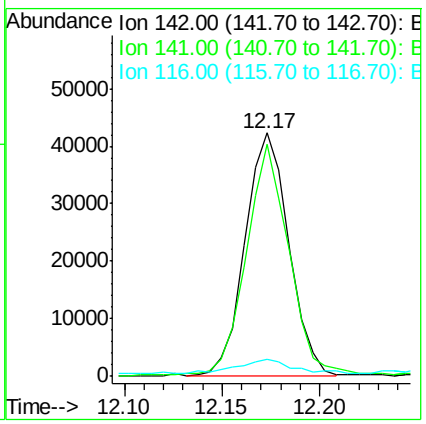


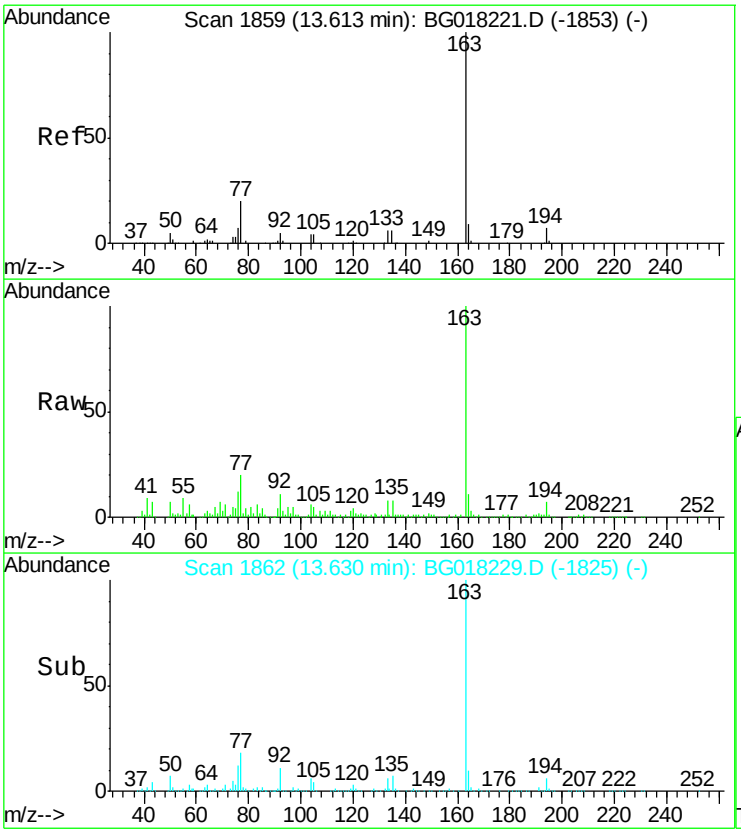
#35
1-Methylnaphthalene
Concen: 5.51 ng/ul
RT: 12.17 min Scan# 1614
Delta R.T. 0.02 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Instrument :
BNA_G
ClientSampleId :
C01Z4RE

Tgt Ion:142 Resp: 65897

Ion	Ratio	Lower	Upper
142	100		
141	95.3	72.5	108.7
116	7.2	2.6	4.0#

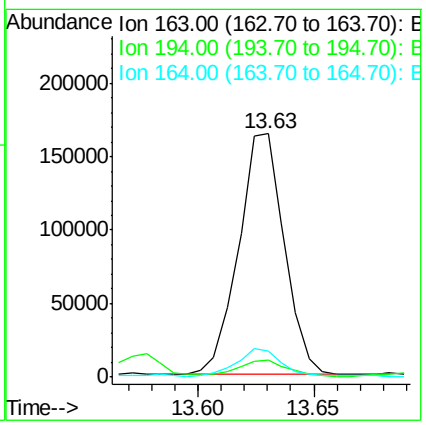


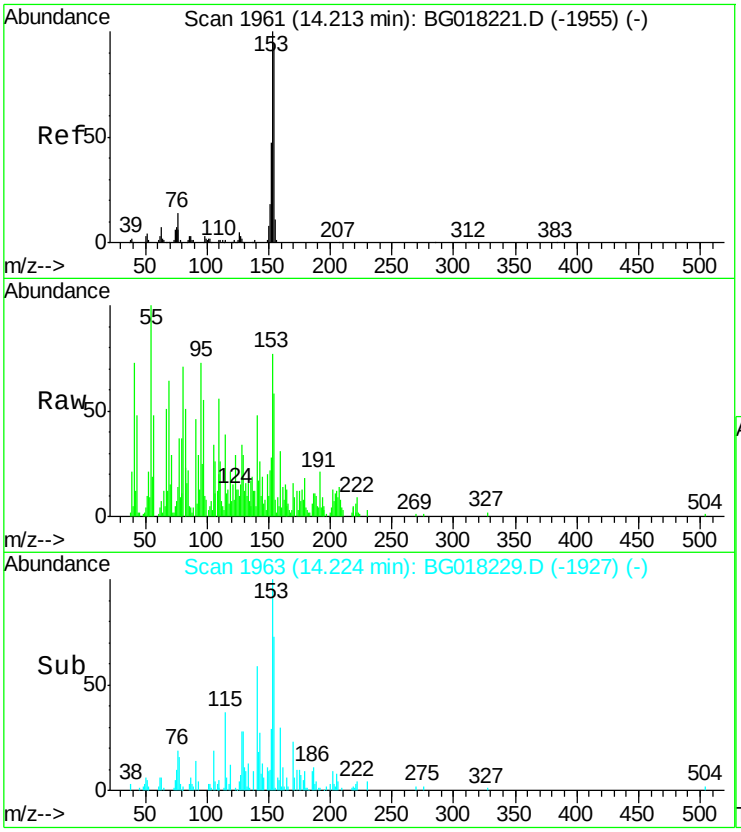


#45
Dimethylphthalate
Concen: 18.91 ng/ul
RT: 13.63 min Scan# 1862
Delta R.T. 0.02 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Tgt Ion:163 Resp: 225378

Ion	Ratio	Lower	Upper
163	100		
194	6.8	5.2	7.8
164	10.5	8.4	12.6



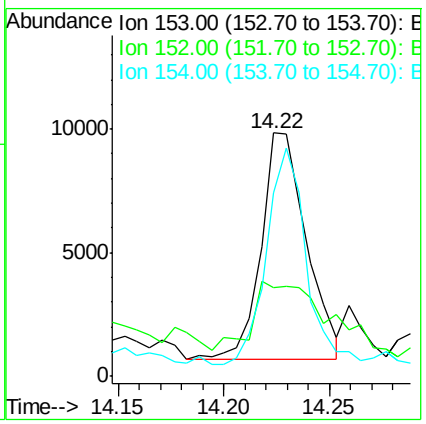


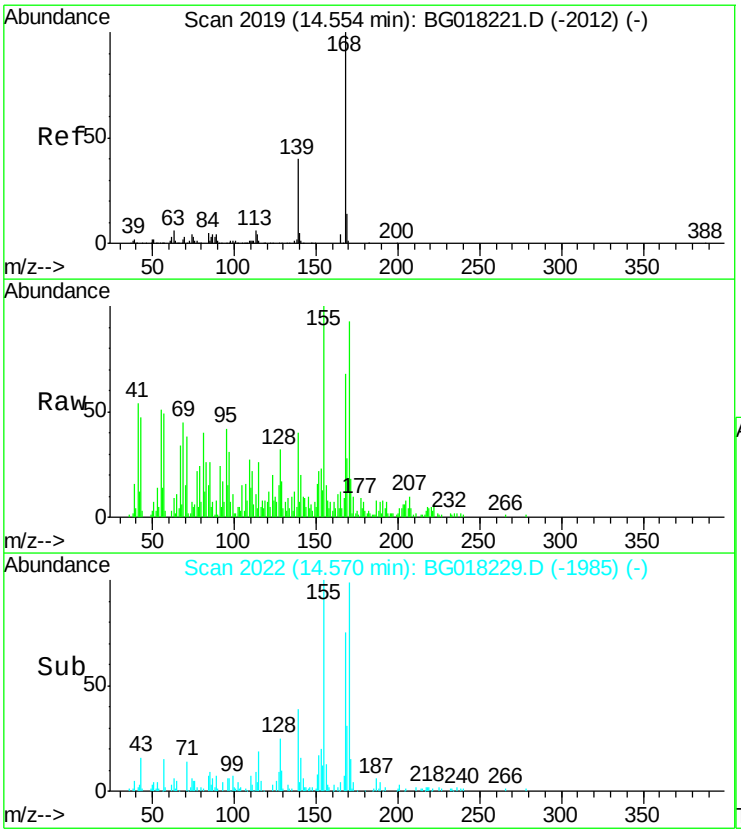
#50
Acenaphthene
Concen: 1.52 ng/ul
RT: 14.22 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Instrument :
BNA_G
ClientSampleId :
C01Z4RE

Tgt Ion:153 Resp: 13622

Ion	Ratio	Lower	Upper
153	100		
152	36.3	38.7	58.1#
154	75.3	74.8	112.2

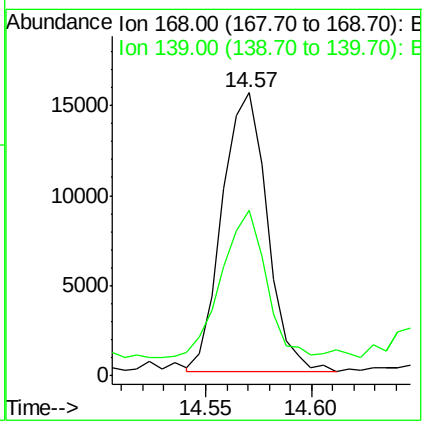


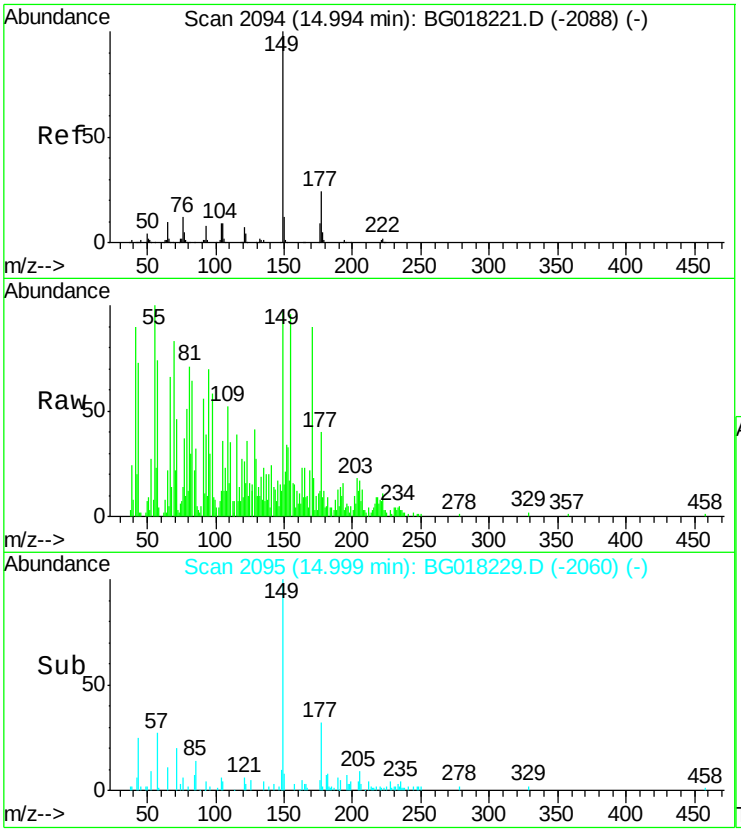


#54
Dibenzofuran
Concen: 1.68 ng/ul
RT: 14.57 min Scan# 2022
Delta R.T. 0.02 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Tgt Ion:168 Resp: 22782

Ion	Ratio	Lower	Upper
168	100		
139	58.6	26.8	40.2#



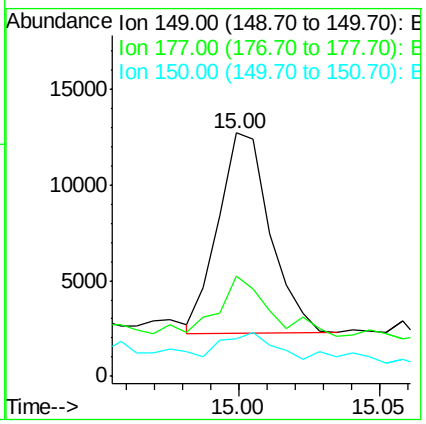


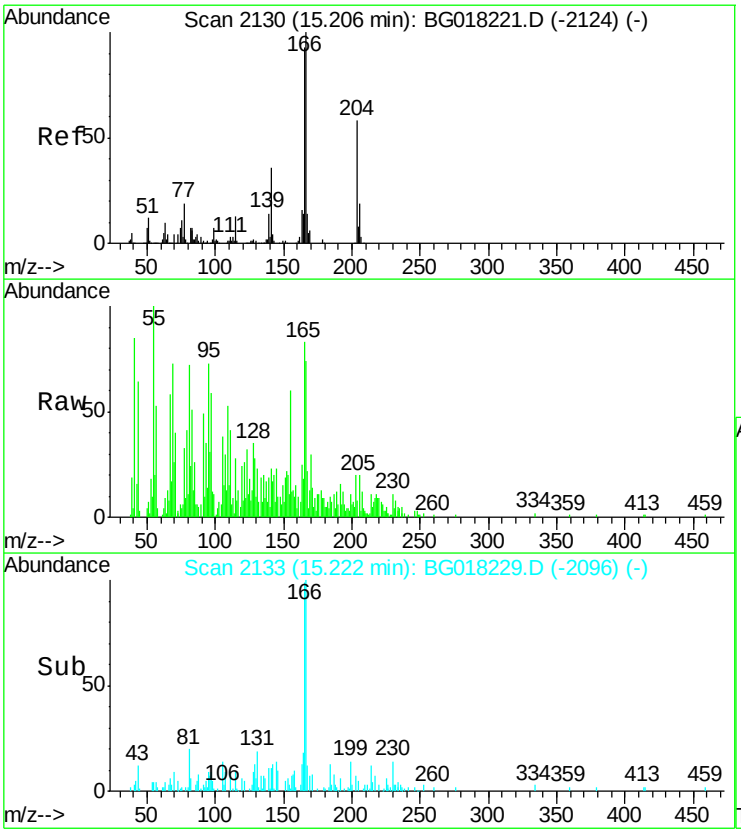
#57
Diethylphthalate
Concen: 1.09 ng/ul
RT: 15.00 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Instrument :
BNA_G
ClientSampleId :
C01Z4RE

Tgt Ion:149 Resp: 13461

Ion	Ratio	Lower	Upper
149	100		
177	40.9	20.1	30.1#
150	15.7	10.0	15.0#

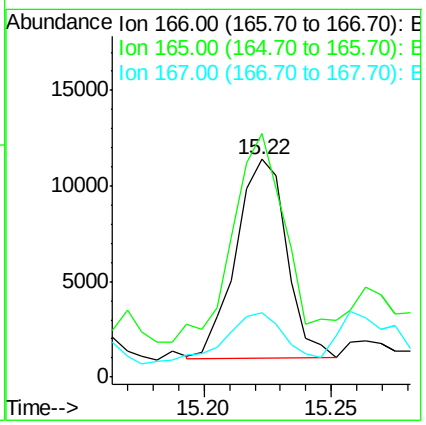


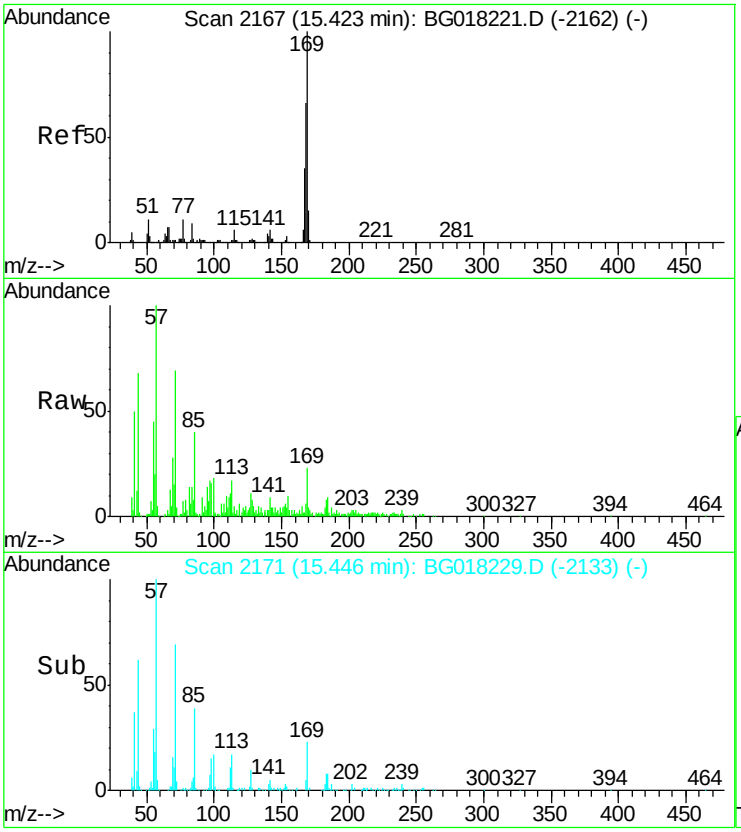


#59
Fluorene
Concen: 1.24 ng/ul
RT: 15.22 min Scan# 2133
Delta R.T. 0.02 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Tgt Ion:166 Resp: 14539

Ion	Ratio	Lower	Upper
166	100		
165	112.0	75.1	112.7
167	29.5	11.8	17.6#



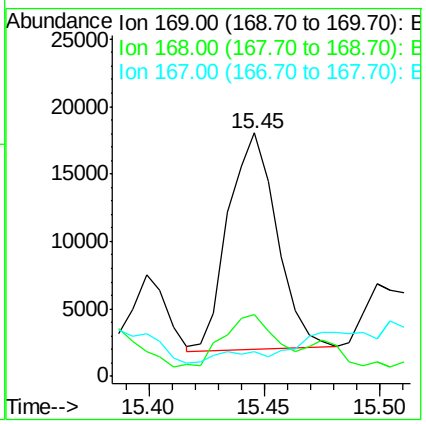


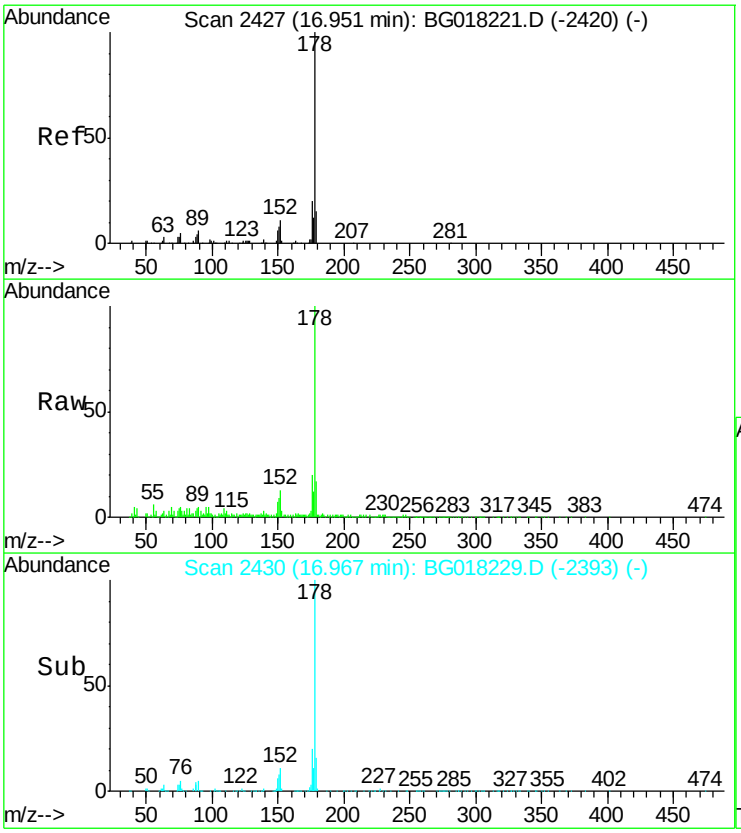
#65
N-Nitrosodiphenylamine
Concen: 3.26 ng/ul
RT: 15.45 min Scan# 2171
Delta R.T. 0.02 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Instrument :
BNA_G
ClientSampleId :
C01Z4RE

Tgt Ion:169 Resp: 23557

Ion	Ratio	Lower	Upper
169	100		
168	25.5	51.8	77.6#
167	10.4	27.7	41.5#

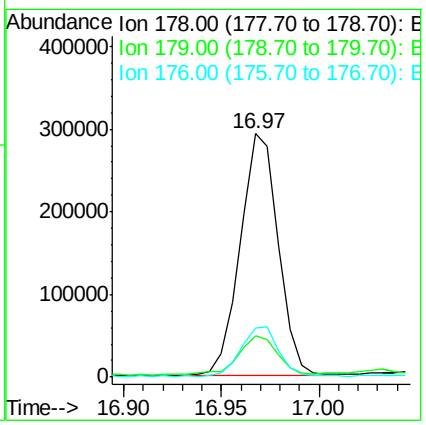


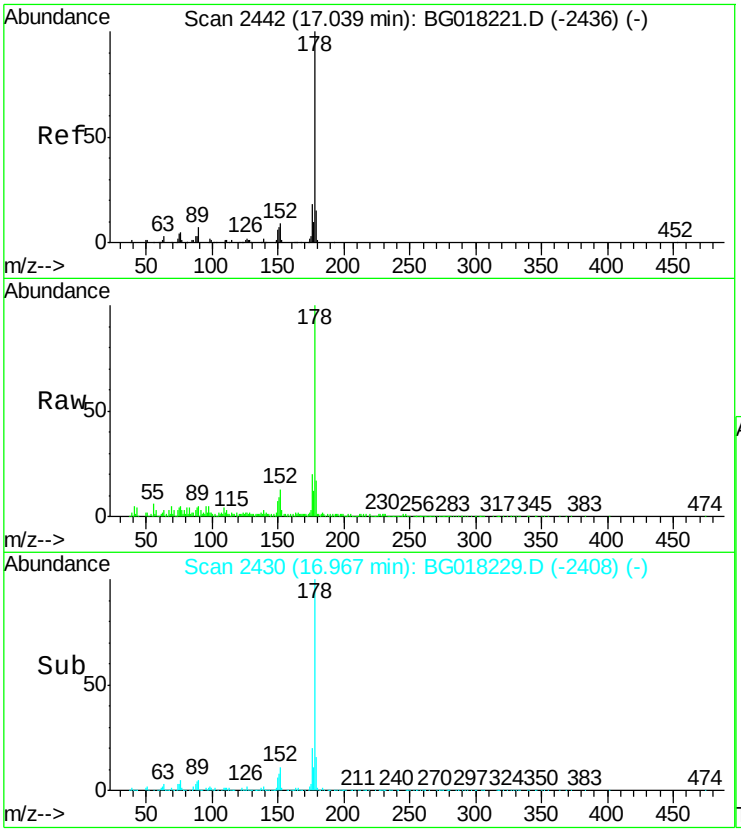


#70
Phenanthrene
Concen: 27.99 ng/ul
RT: 16.97 min Scan# 2430
Delta R.T. 0.02 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Tgt Ion:178 Resp: 396134

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	20.0	16.0	24.0



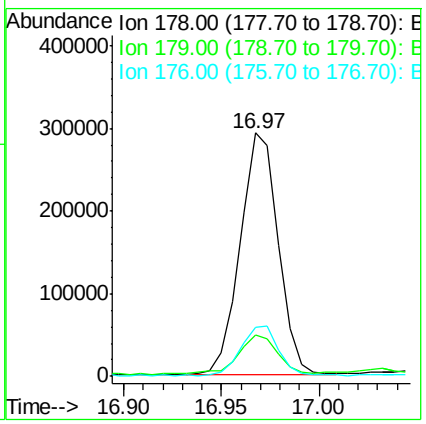


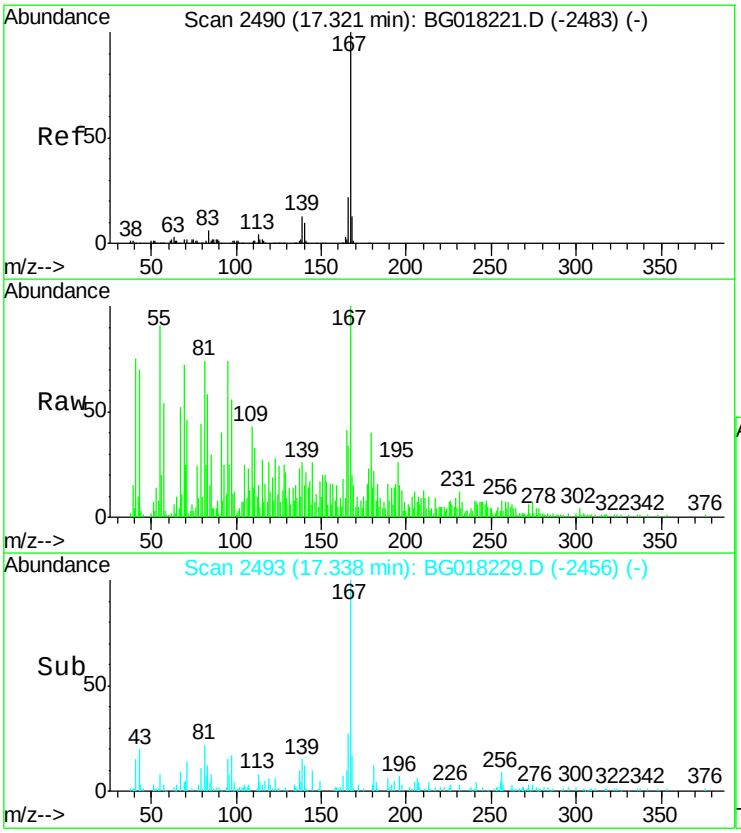
#72
Anthracene
Concen: 28.13 ng/ul
RT: 16.97 min Scan# 2430
Delta R.T. -0.07 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Instrument :
BNA_G
ClientSampleId :
C01Z4RE

Tgt Ion:178 Resp: 396134

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.2	18.2
176	20.0	14.8	22.2

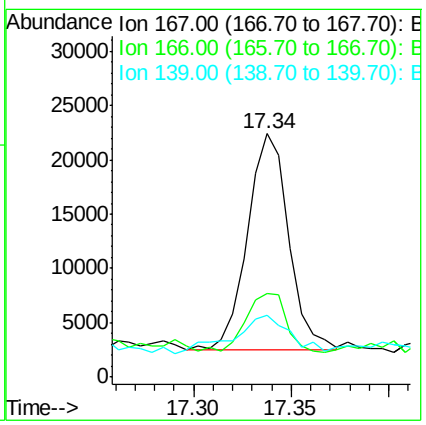


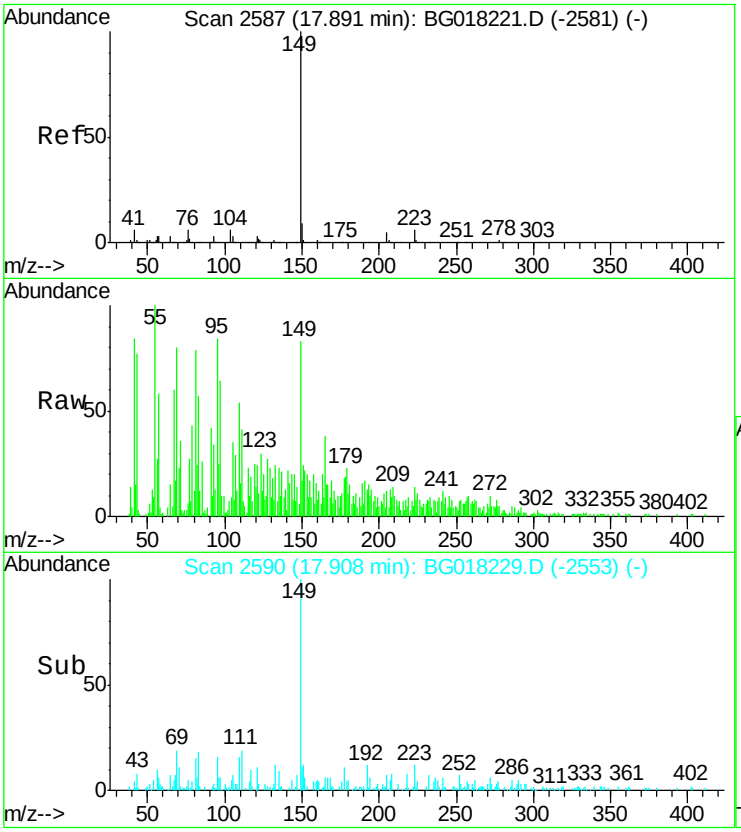


#75
Carbazole
Concen: 2.50 ng/ul
RT: 17.34 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Tgt Ion:167 Resp: 29209

Ion	Ratio	Lower	Upper
167	100		
166	34.3	17.5	26.3#
139	25.6	10.1	15.1#



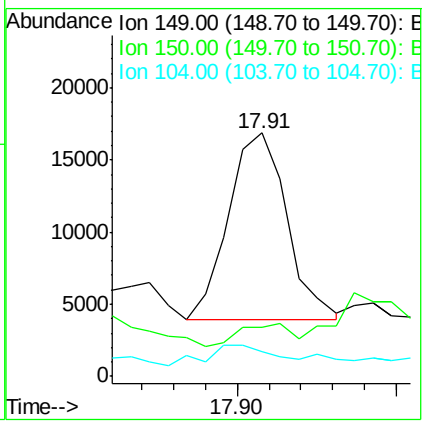


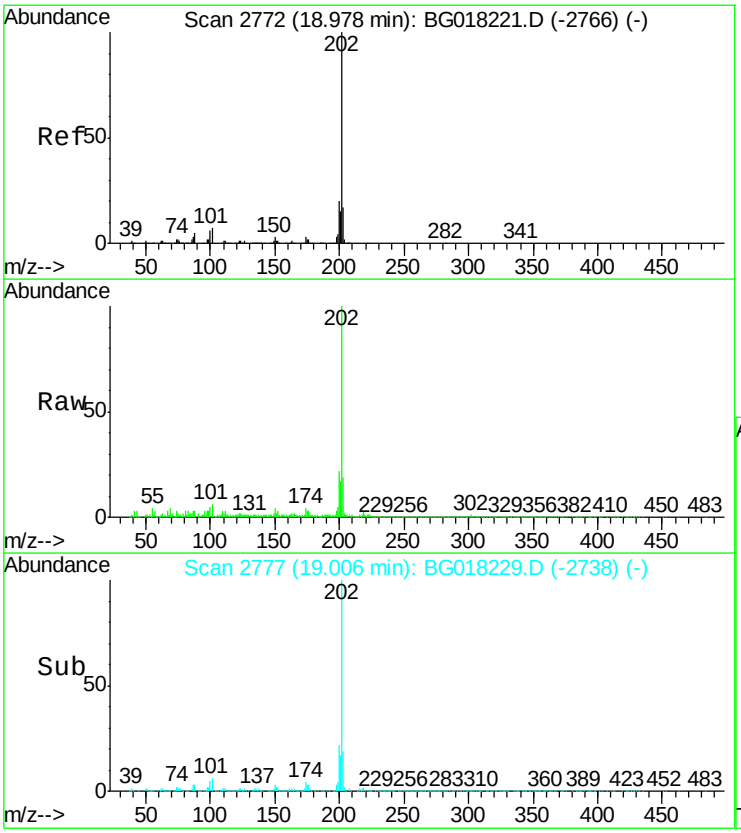
#76
Di-n-butylphthalate
Concen: 1.07 ng/ul
RT: 17.91 min Scan# 2590
Delta R.T. 0.02 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Instrument :
BNA_G
ClientSampleId :
C01Z4RE

Tgt Ion:149 Resp: 16603

Ion	Ratio	Lower	Upper
149	100		
150	20.3	7.7	11.5#
104	10.4	3.6	5.4#

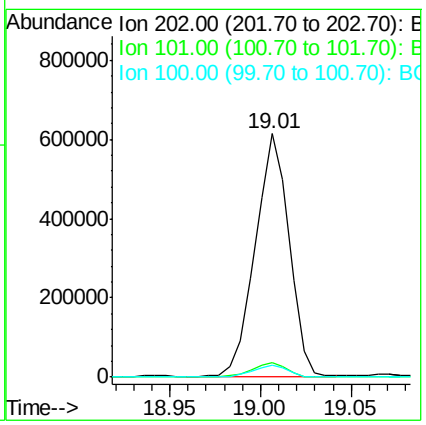


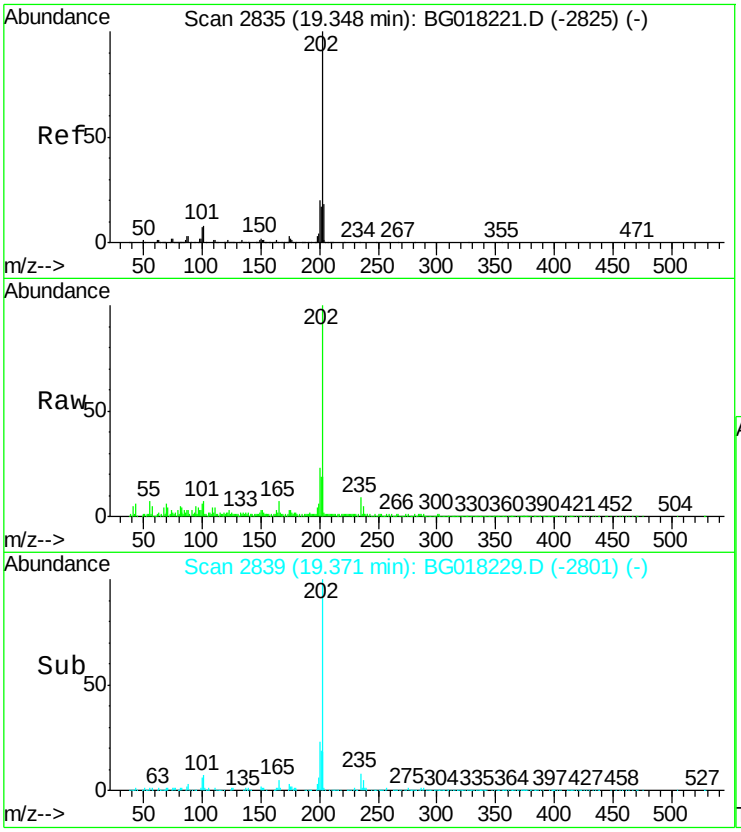


#77
Fluoranthene
Concen: 50.95 ng/ul
RT: 19.01 min Scan# 2777
Delta R.T. 0.03 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Tgt Ion:202 Resp: 792109

Ion	Ratio	Lower	Upper
202	100		
101	6.1	7.5	11.3#
100	4.9	5.5	8.3#



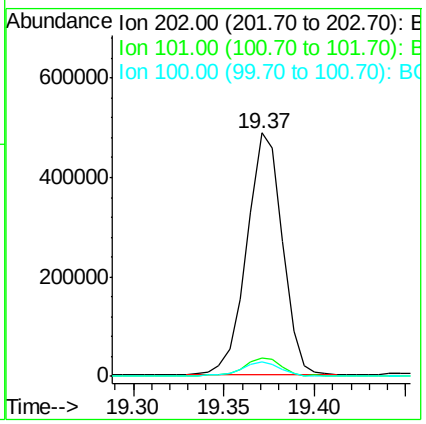


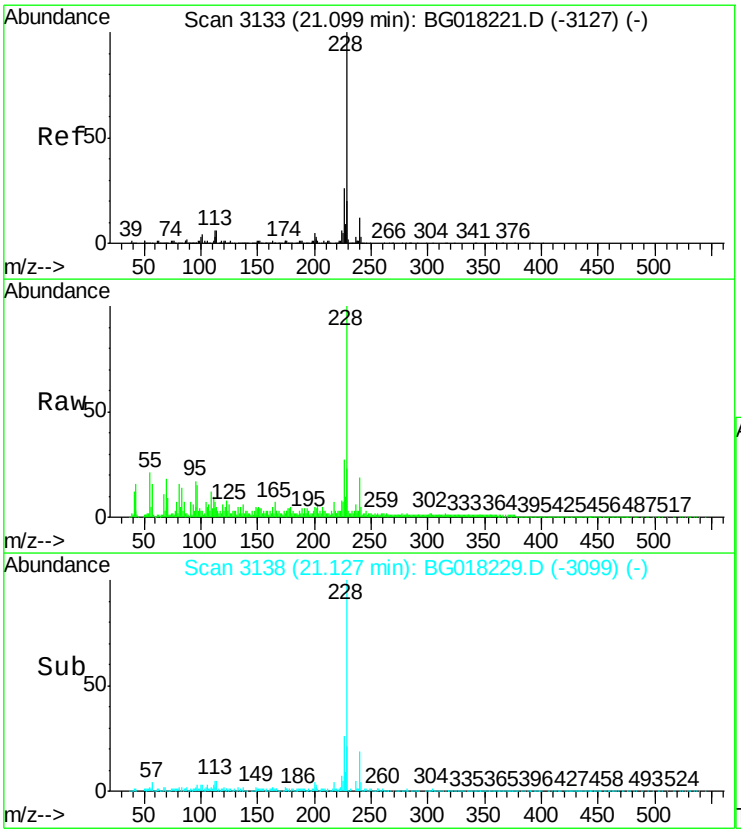
#80
Pyrene
Concen: 28.85 ng/ul
RT: 19.37 min Scan# 2839
Delta R.T. 0.02 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Instrument :
BNA_G
ClientSampleId :
C01Z4RE

Tgt Ion:202 Resp: 663418

Ion	Ratio	Lower	Upper
202	100		
101	7.4	8.1	12.1#
100	6.1	7.4	11.0#

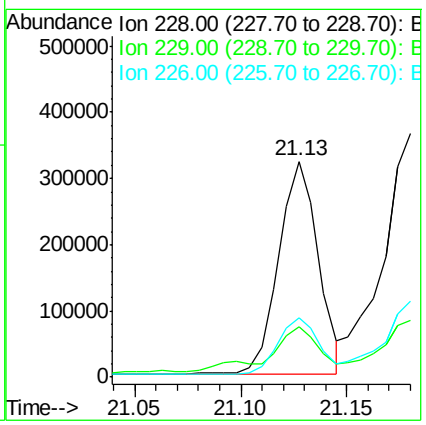


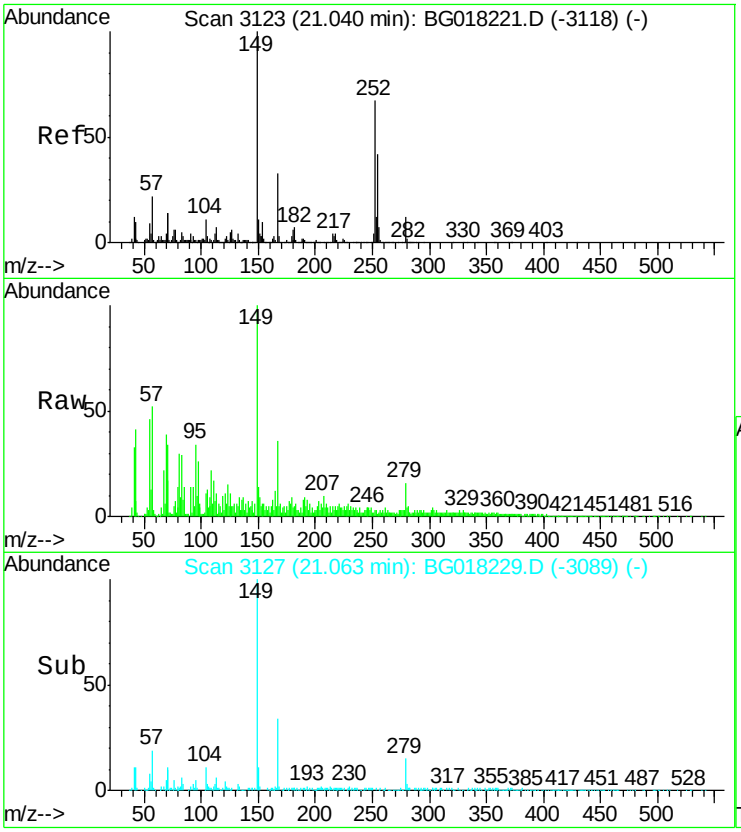


#83
Benzo(a)anthracene
Concen: 20.46 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. 0.03 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Tgt Ion:228 Resp: 417715

Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.5	24.7
226	27.2	21.5	32.3



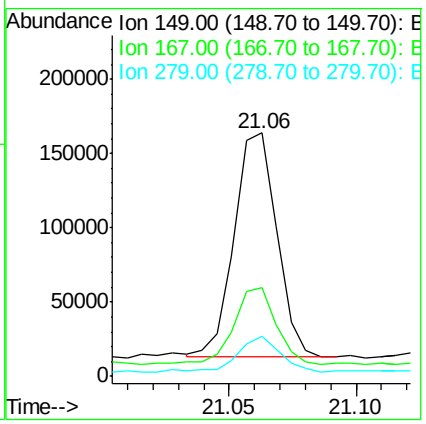


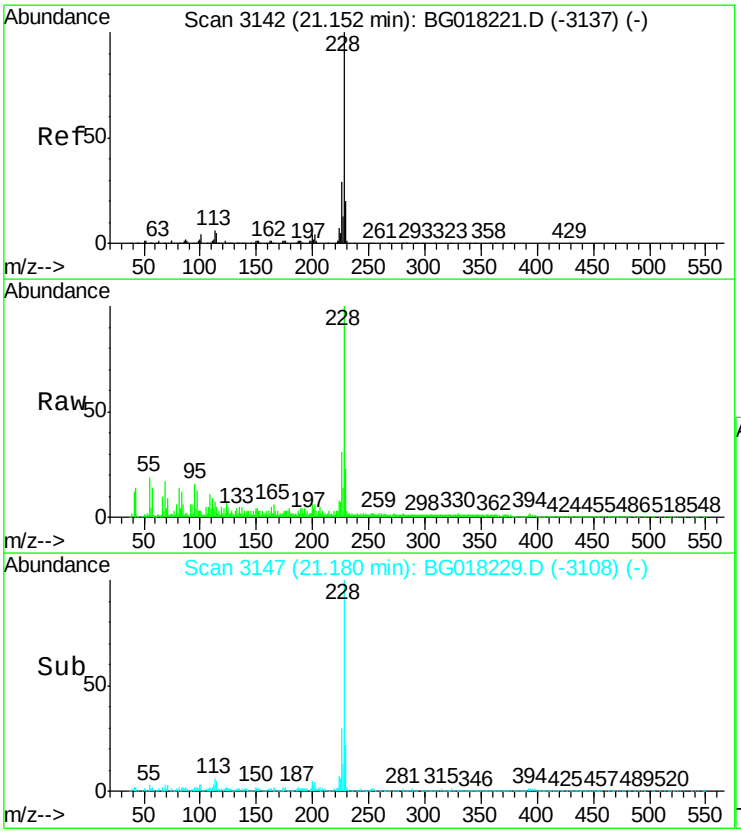
#84
Bis(2-ethylhexyl)phthalate
Concen: 14.02 ng/ul
RT: 21.06 min Scan# 3127
Delta R.T. 0.02 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Instrument :
BNA_G
ClientSampleId :
C01Z4RE

Tgt Ion:149 Resp: 176697

Ion	Ratio	Lower	Upper
149	100		
167	36.2	27.4	41.2
279	16.3	8.3	12.5#

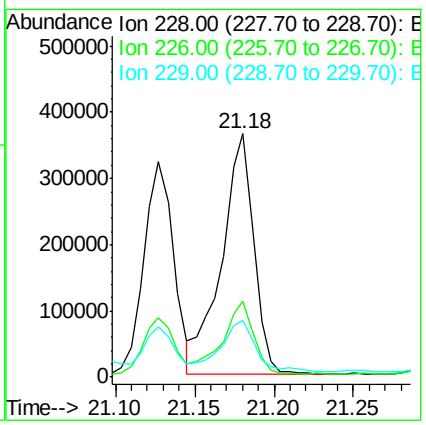


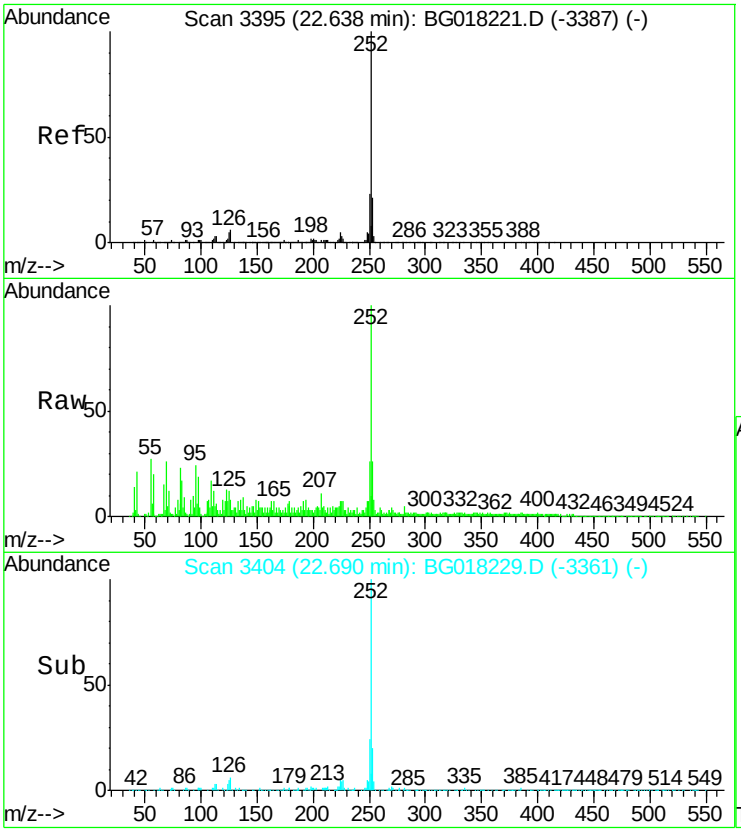


#85
Chrysene
Concen: 27.64 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. 0.03 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Tgt Ion:228 Resp: 516942

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.7	34.1
229	23.5	16.2	24.2



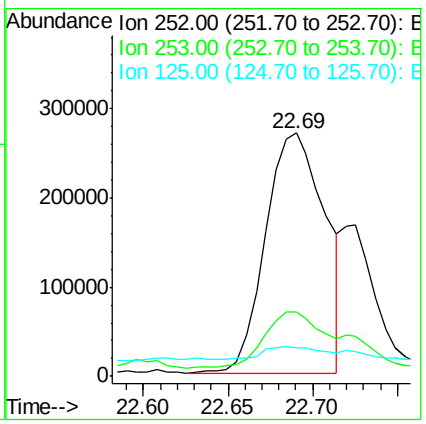


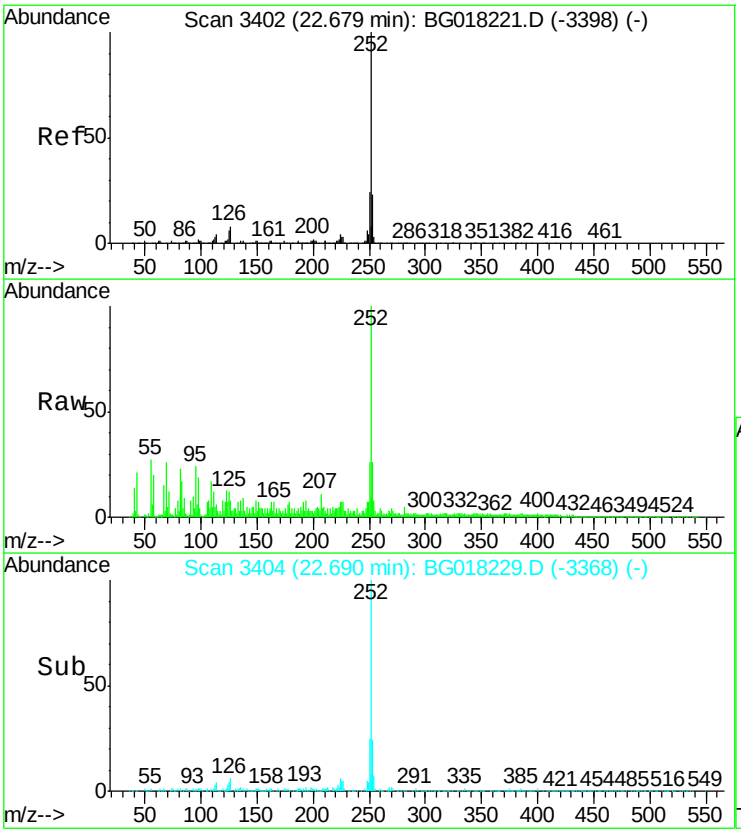
#88
Benzo(b)fluoranthene
Concen: 31.34 ng/ul
RT: 22.69 min Scan# 3404
Delta R.T. 0.05 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Instrument :
BNA_G
ClientSampleId :
C01Z4RE

Tgt Ion:252 Resp: 654052

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.5	27.7
125	11.7	7.4	11.0#

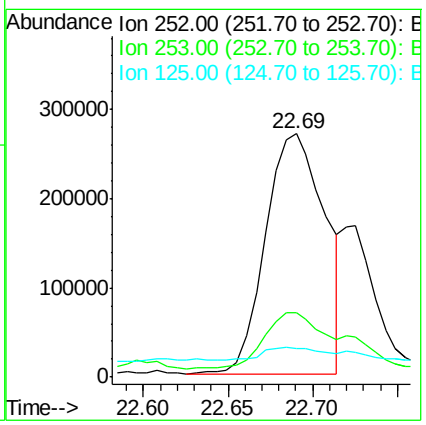


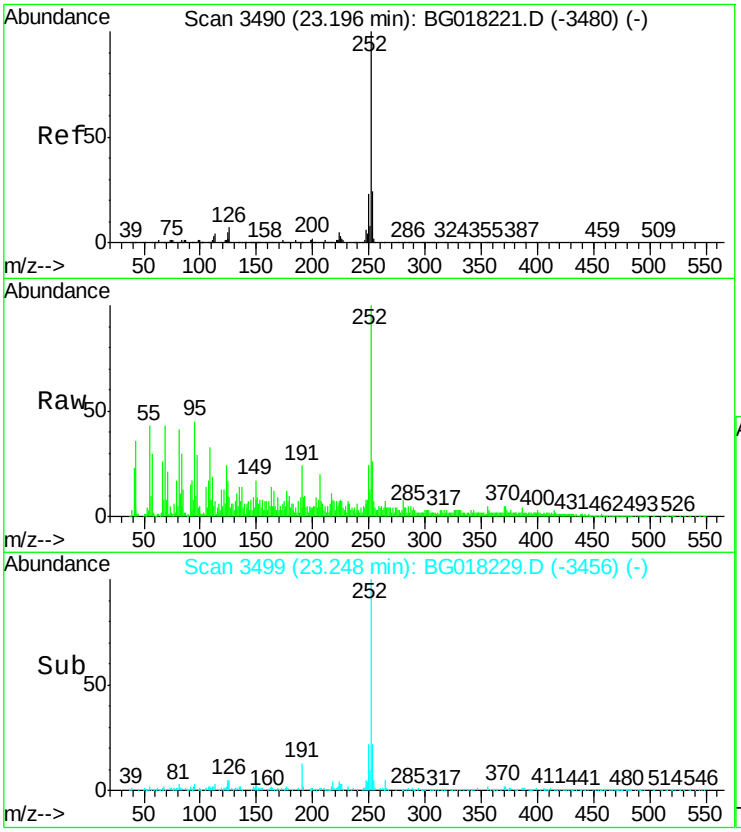


#89
Benzo(k)fluoranthene
Concen: 34.10 ng/ul
RT: 22.69 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Tgt Ion:252 Resp: 654052

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.2	27.2
125	11.7	7.5	11.3#



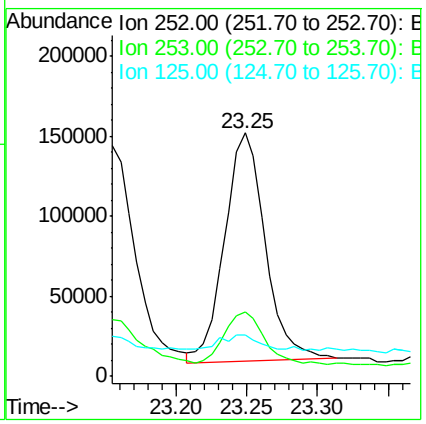


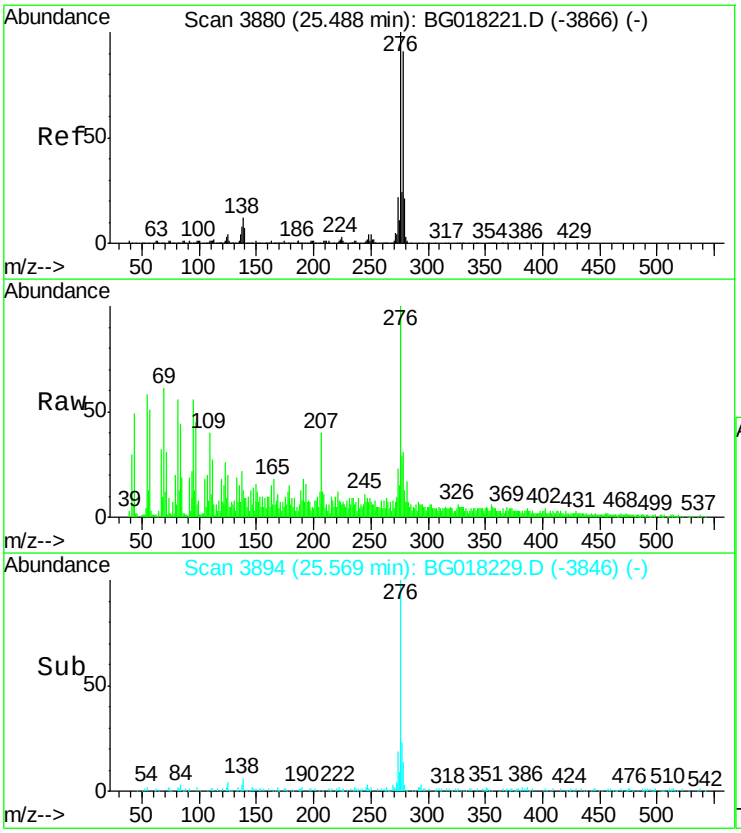
#91
Benzo(a)pyrene
Concen: 15.32 ng/ul
RT: 23.25 min Scan# 3499
Delta R.T. 0.05 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Instrument :
BNA_G
ClientSampleId :
C01Z4RE

Tgt Ion:252 Resp: 286054

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.4	26.2#
125	16.9	7.3	10.9#

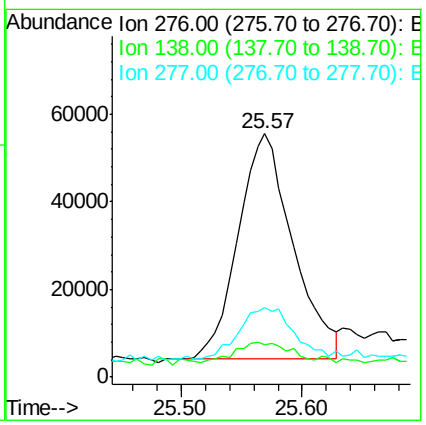


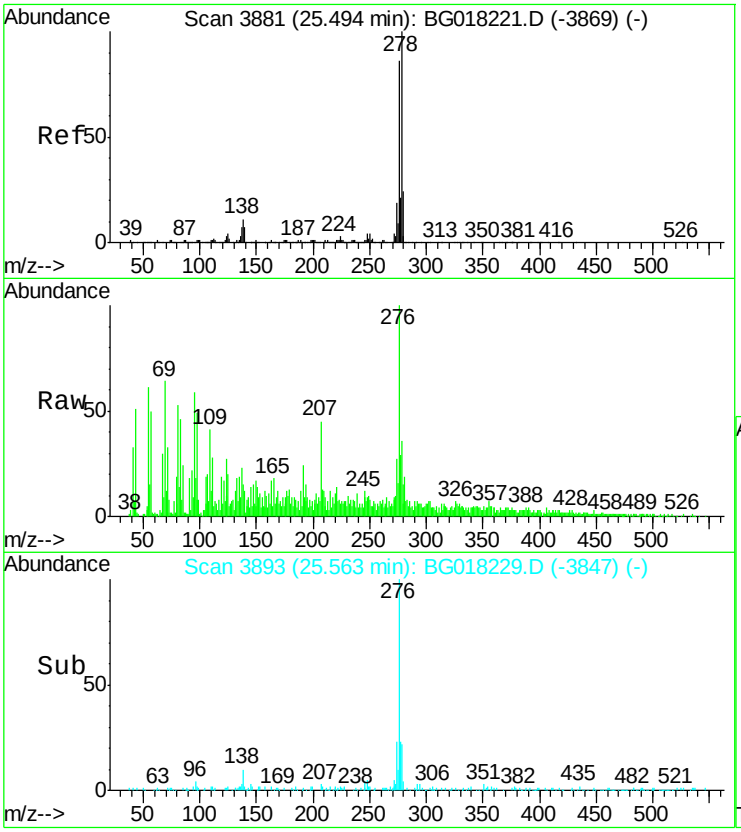


#92
Indeno(1,2,3-cd)pyrene
Concen: 7.41 ng/ul
RT: 25.57 min Scan# 3894
Delta R.T. 0.08 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Tgt Ion:276 Resp: 160083

Ion	Ratio	Lower	Upper
276	100		
138	13.1	17.2	25.8#
277	28.5	19.5	29.3



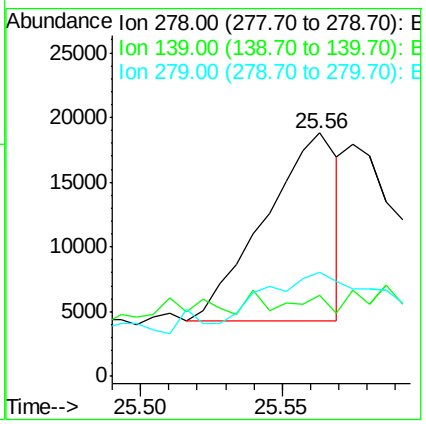


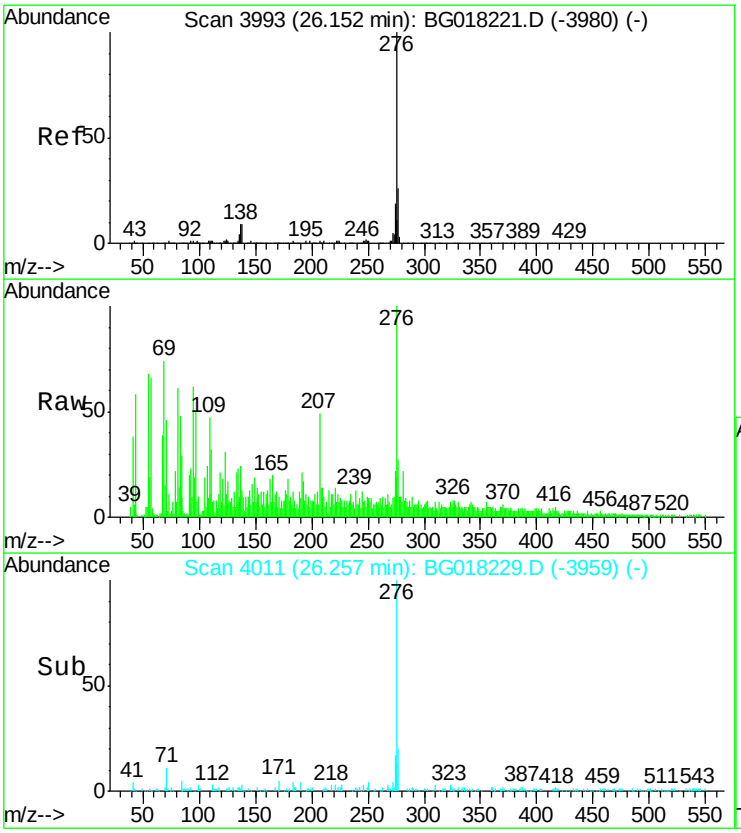
#93
Dibenzo(a,h)anthracene
Concen: 1.42 ng/ul
RT: 25.56 min Scan# 3893
Delta R.T. 0.07 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Instrument :
BNA_G
ClientSampleId :
C01Z4RE

Tgt Ion:278 Resp: 26214

Ion	Ratio	Lower	Upper
278	100		
139	33.3	12.2	18.2#
279	42.8	20.0	30.0#





#94
Benzo(g,h,i)perylene
Concen: 7.68 ng/ul
RT: 26.26 min Scan# 4011
Delta R.T. 0.10 min
Lab File: BG018229.D
Acq: 2 Aug 2015 17:00

Tgt Ion:276 Resp: 135397

Ion	Ratio	Lower	Upper
276	100		
138	12.6	15.1	22.7#
277	27.3	19.8	29.6