Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Time: Aug 11 01:43:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:39:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	135742	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	596864	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	371538	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	777681	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	680581	20.00	ng/ul	0.02
86) Perylene-d12	24.91	264	709321	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	5804	1.89	ng/uL	0.00
5) Phenol-d5	7.19	99	109683	8.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	117639	15.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	97014	10.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	14571	1.41	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	72441	15.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	77447	16.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	67647	6.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	760	0.07	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	490966	15.71	ng/ul	0.00
47) Acenaphthylene-d8	14.35	160	594065	15.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	59880	10.65	ng/ul	0.00
58) Fluorene-d10	15.65	176	420171	15.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	45780	11.97	ng/ul	0.00
71) Anthracene-d10	17.50	188	548350	14.74	ng/ul	0.00
79) Pyrene-d10	19.79	212	534373	15.13	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.69	264	526816	13.99	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.89	128	36795	1.17	ng/ul	98
34) 2-Methylnaphthalene	12.50	142	45770	2.00	ng/ul	95
35) 1-Methylnaphthalene	12.71	142	32816	1.47	ng/ul#	99
45) Dimethylphthalate	14.11	163	185712	6.02	ng/ul#	96
59) Fluorene	15.71	166	50321	1.62	ng/ul	97
70) Phenanthrene	17.45	178	408541	9.68	ng/ul	99
72) Anthracene	17.54	178	197424	4.59	ng/ul	100
75) Carbazole	17.80	167	67499	1.79	ng/ul#	96
76) Di-n-butylphthalate	18.37	149	76841	1.56	ng/ul#	94
77) Fluoranthene	19.46	202	690884	15.33	ng/ul	99
80) Pyrene	19.82	202	595370	12.94	ng/ul	98
83) Benzo(a)anthracene	21.72	228	333553	7.90	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.57	149	43465	1.58	ng/ul#	87
85) Chrysene	21.72	228	333091	8.44	ng/ul	97
88) Benzo(b)fluoranthene	23.88	252	418826	9.40	ng/ul#	88
89) Benzo(k)fluoranthene	23.88	252	418826	9.76	ng/ul#	88
91) Benzo(a)pyrene	24.75	252	277158	6.54	ng/ul#	86
92) Indeno(1,2,3-cd)pyrene	28.59	276	218738	4.46	ng/ul#	90
93) Dibenzo(a,h)anthracene	28.65	278	41697	1.02	ng/ul#	49
94) Benzo(g,h,i)perylene	29.74	276	199863	4.85	ng/ul#	91

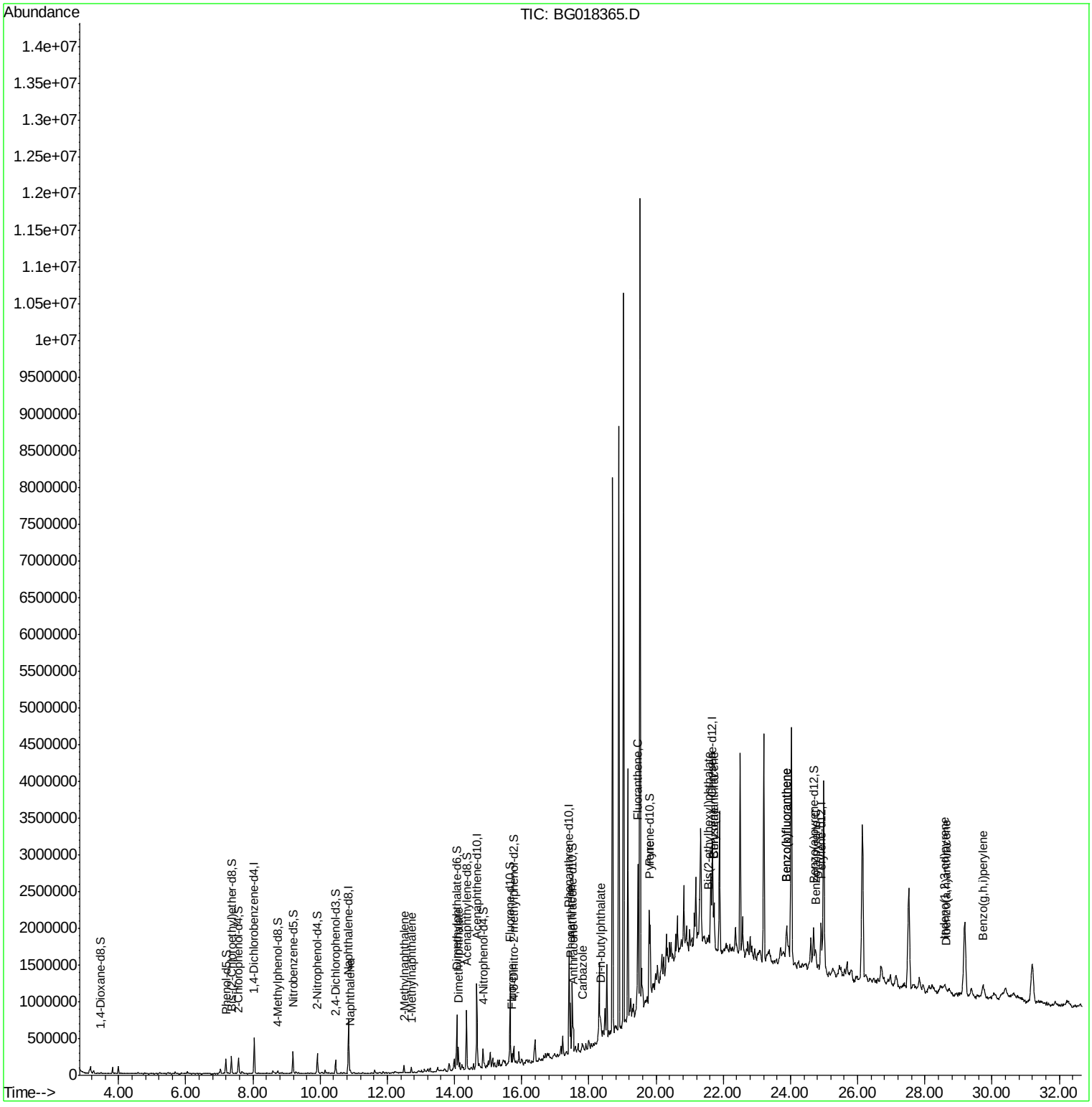
(#) = qualifier out of range (m) = manual integration (+) = signals summed

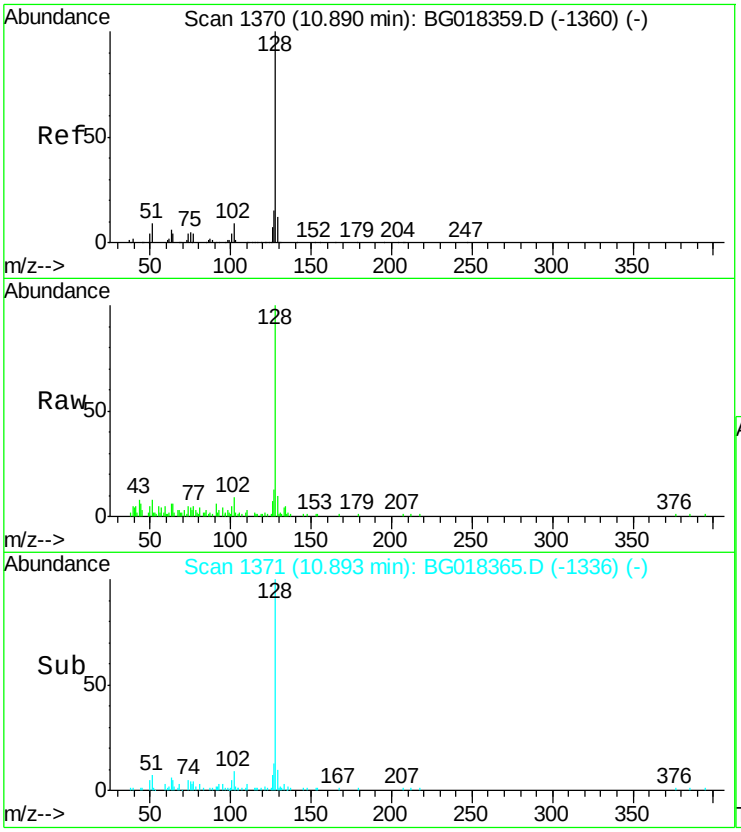
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P4

Quant Time: Aug 11 01:43:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:39:57 2015
Response via : Initial Calibration



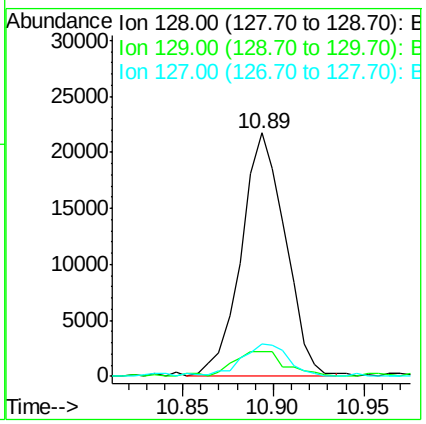


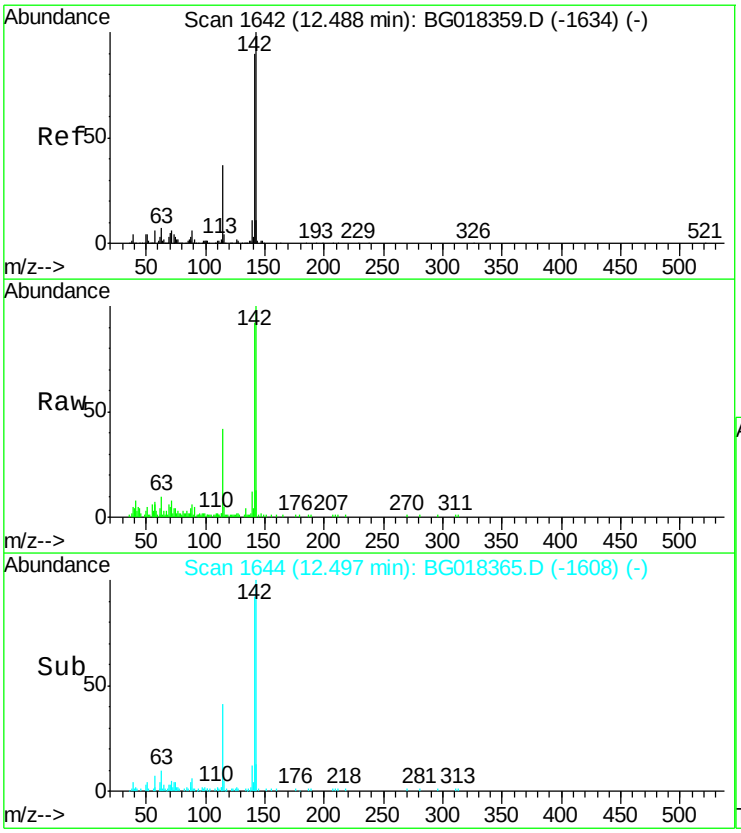
#28
Naphthalene
Concen: 1.17 ng/ul
RT: 10.89 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampleId :
C01P4

Tgt Ion:128 Resp: 36795

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.6	14.4
127	13.3	10.5	15.7

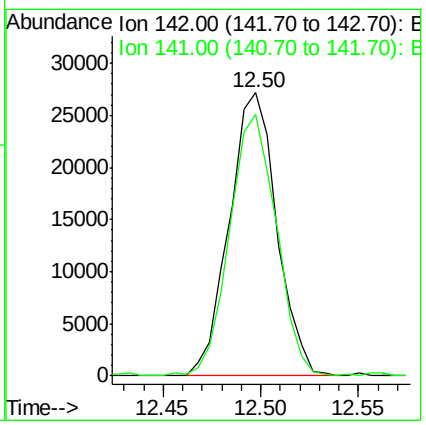


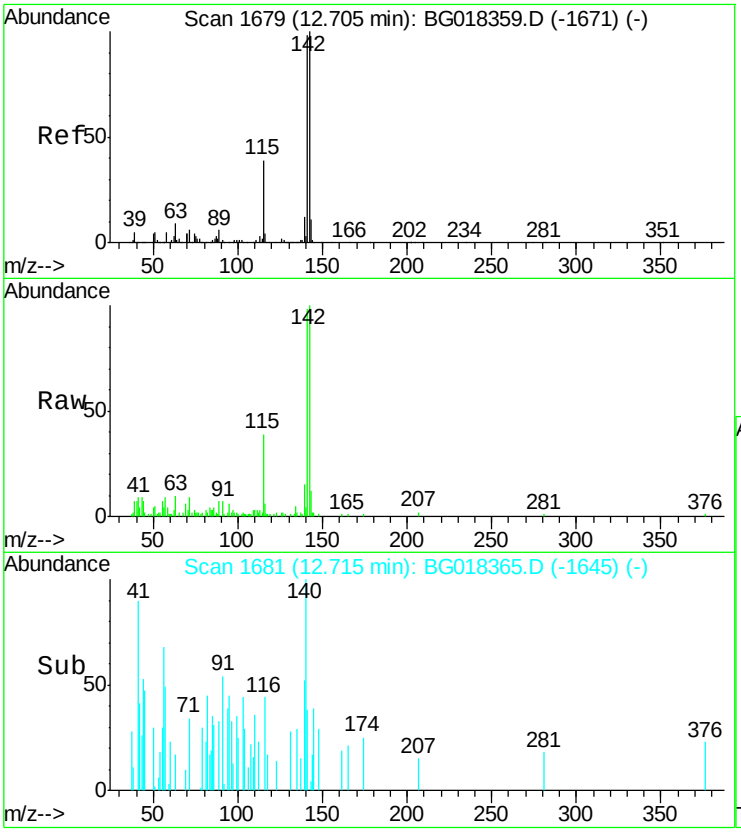


#34
2-Methylnaphthalene
Concen: 2.00 ng/ul
RT: 12.50 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion:142 Resp: 45770

Ion	Ratio	Lower	Upper
142	100		
141	92.3	78.0	117.0



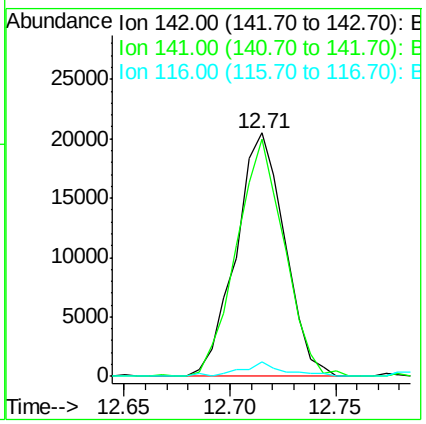


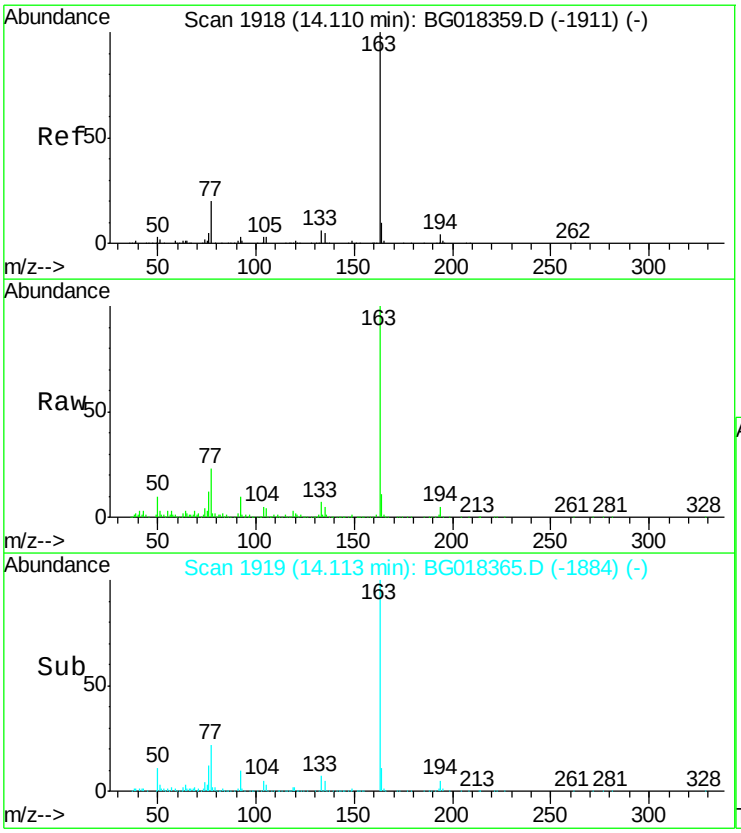
#35
1-Methylnaphthalene
Concen: 1.47 ng/ul
RT: 12.71 min Scan# 1681
Delta R.T. 0.01 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampleId :
C01P4

Tgt Ion:142 Resp: 32816

Ion	Ratio	Lower	Upper
142	100		
141	97.5	77.1	115.7
116	6.2	3.5	5.3#

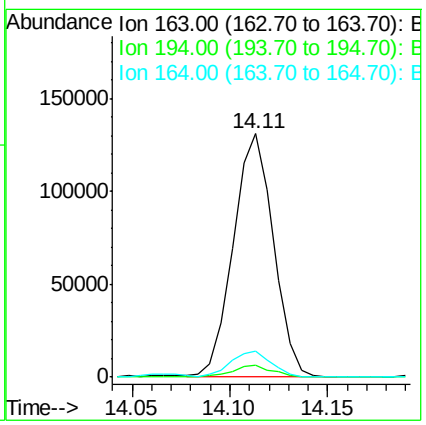


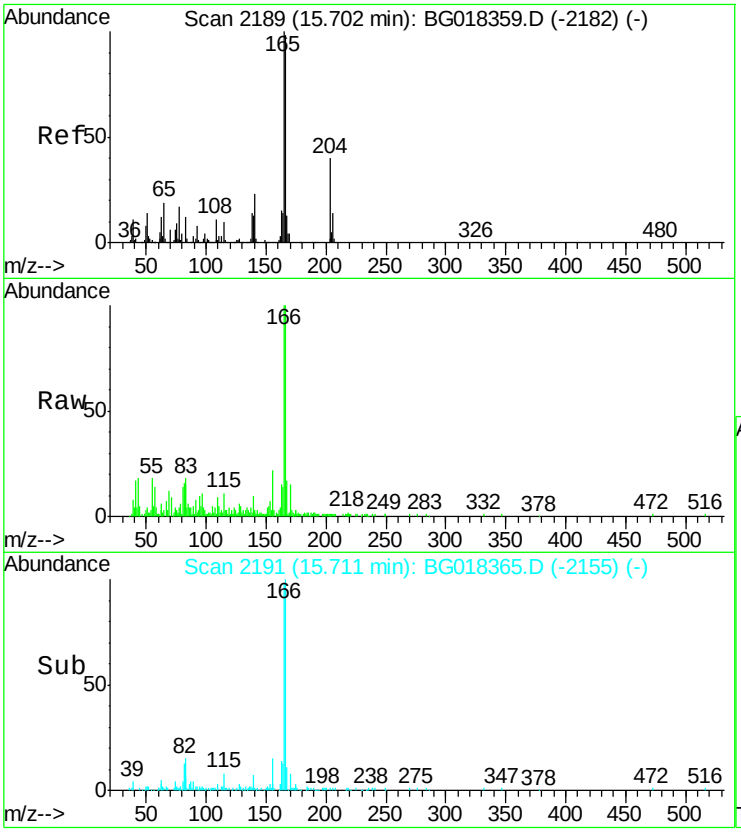


#45
Dimethylphthalate
Concen: 6.02 ng/ul
RT: 14.11 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion:163 Resp: 185712

Ion	Ratio	Lower	Upper
163	100		
194	4.9	2.9	4.3#
164	10.9	7.7	11.5



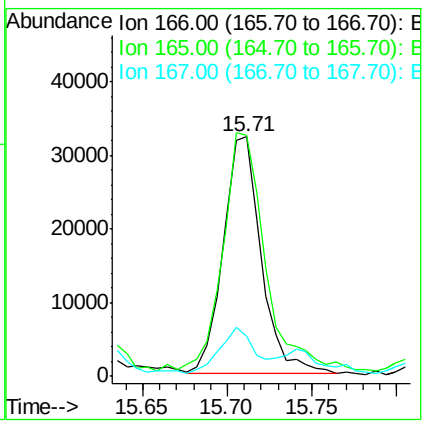


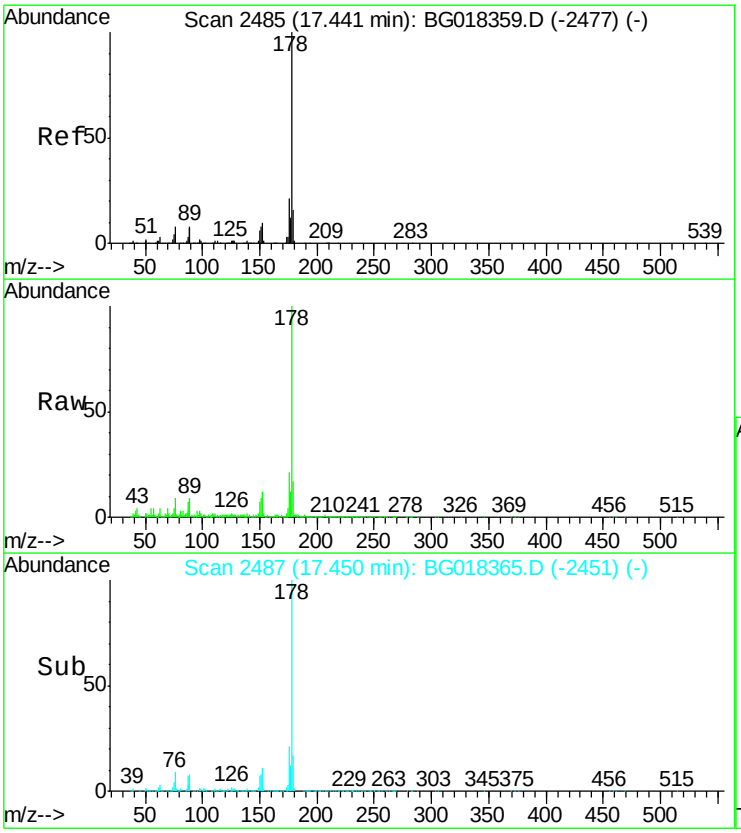
#59
Fluorene
Concen: 1.62 ng/ul
RT: 15.71 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampleId :
C01P4

Tgt Ion:166 Resp: 50321

Ion	Ratio	Lower	Upper
166	100		
165	100.4	82.6	124.0
167	16.9	11.4	17.0

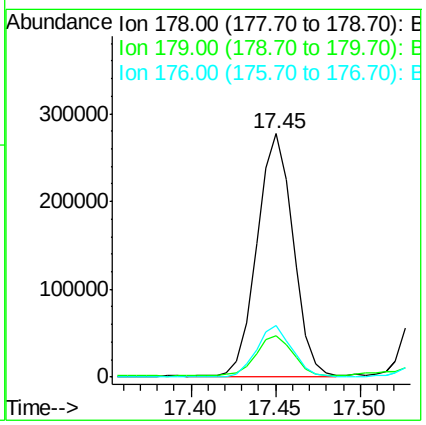


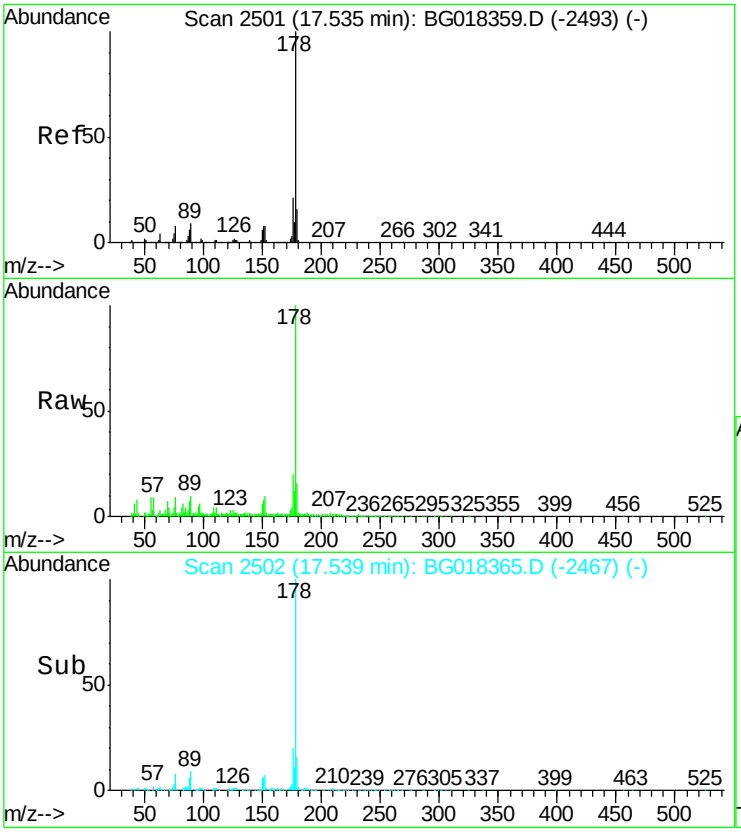


#70
Phenanthrene
Concen: 9.68 ng/ul
RT: 17.45 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion:178 Resp: 408541

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.7	20.5
176	21.2	16.6	24.8



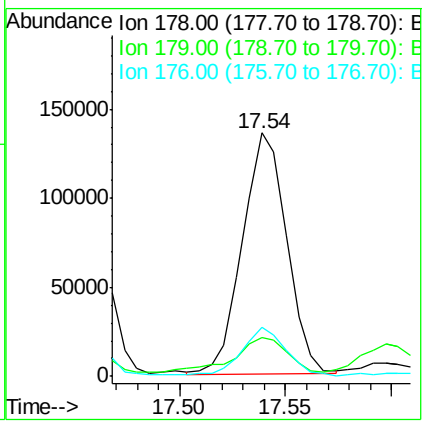


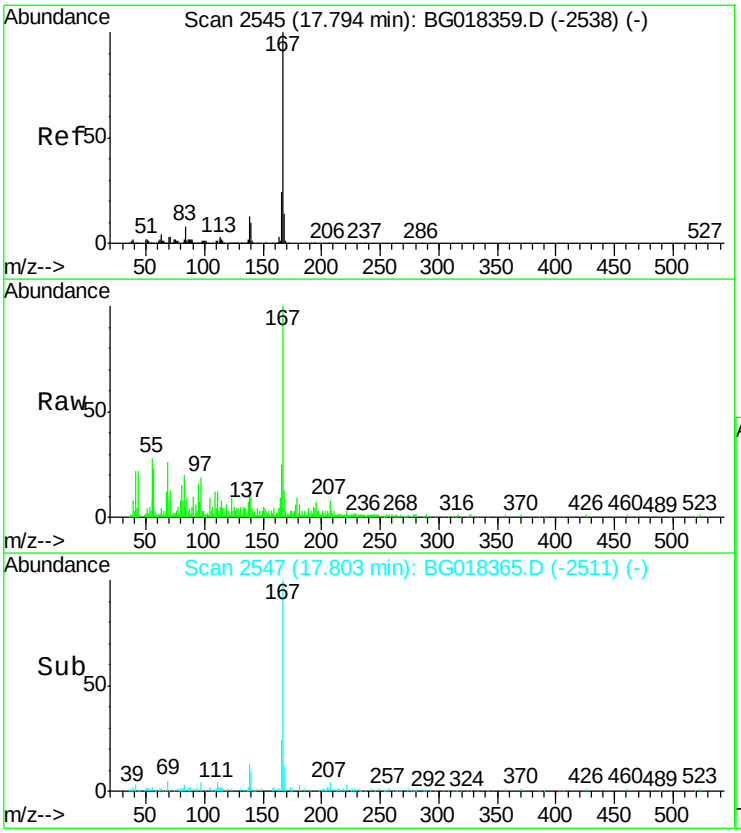
#72
Anthracene
Concen: 4.59 ng/ul
RT: 17.54 min Scan# 2502
Delta R.T. 0.00 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampleId :
C01P4

Tgt Ion:178 Resp: 197424

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.4
176	20.1	16.0	24.0

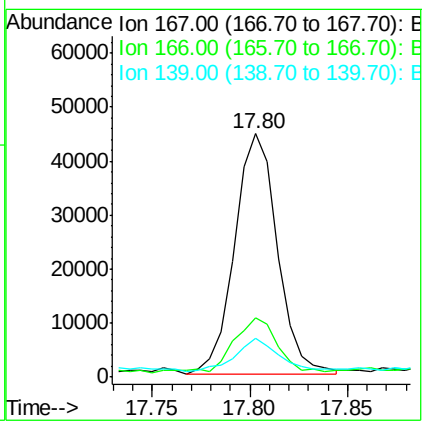


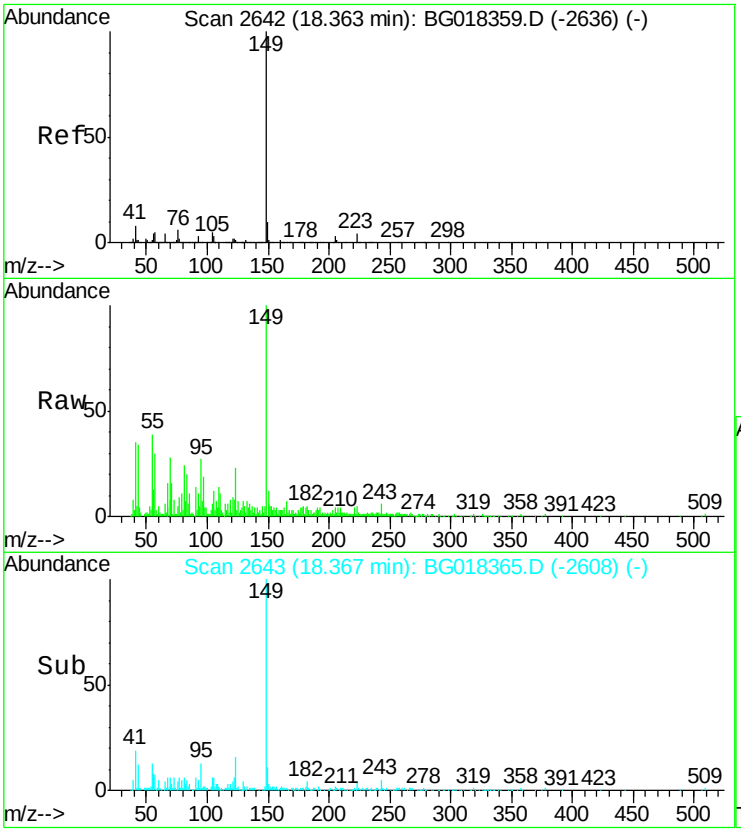


#75
Carbazole
Concen: 1.79 ng/ul
RT: 17.80 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion:167 Resp: 67499

Ion	Ratio	Lower	Upper
167	100		
166	24.6	18.9	28.3
139	16.2	10.1	15.1#



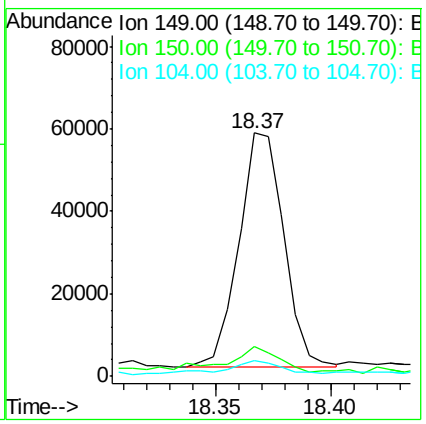


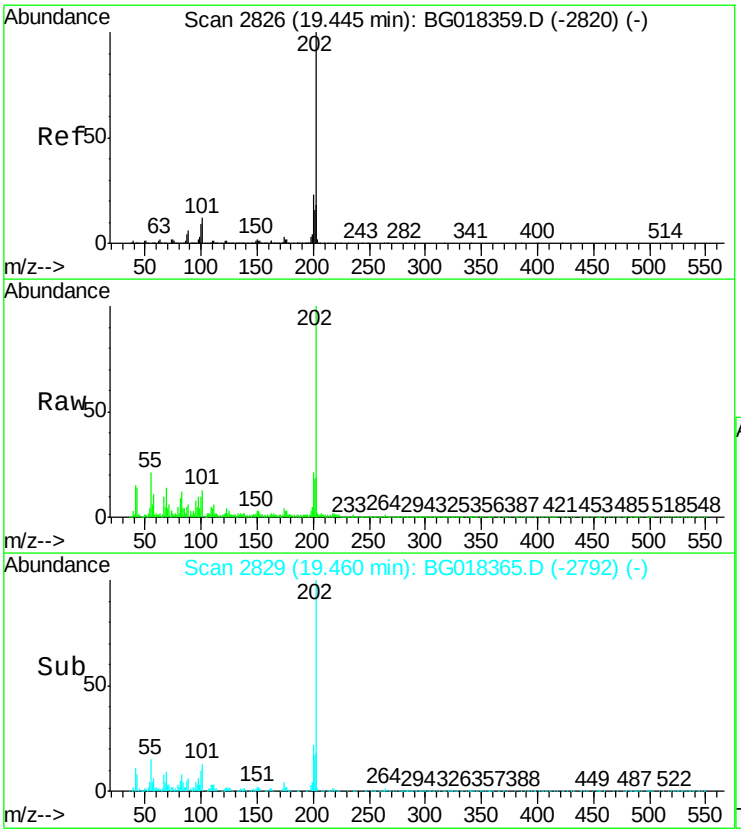
#76
Di-n-butylphthalate
Concen: 1.56 ng/ul
RT: 18.37 min Scan# 2643
Delta R.T. 0.00 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampleId :
C01P4

Tgt Ion:149 Resp: 76841

Ion	Ratio	Lower	Upper
149	100		
150	12.1	7.5	11.3#
104	6.2	4.3	6.5

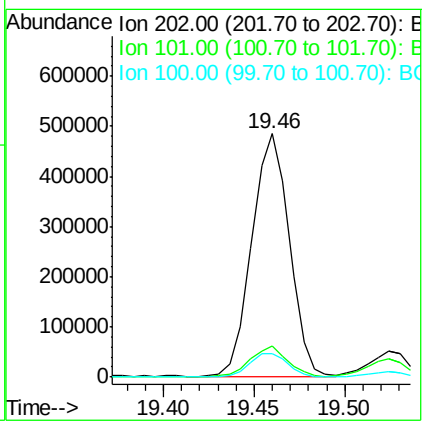


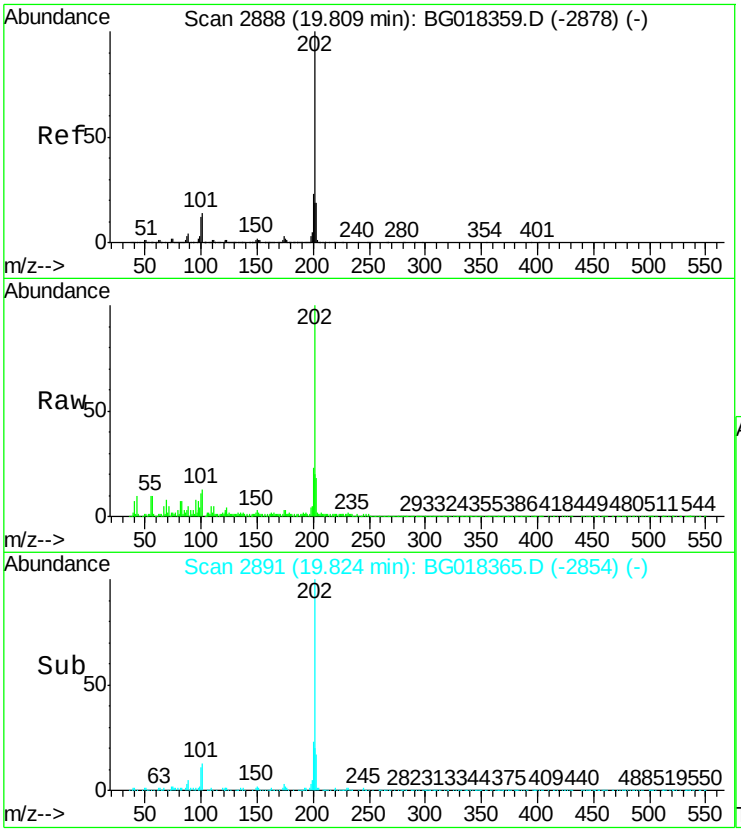


#77
Fluoranthene
Concen: 15.33 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. 0.02 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion:202 Resp: 690884

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.7	14.5
100	9.6	7.8	11.8



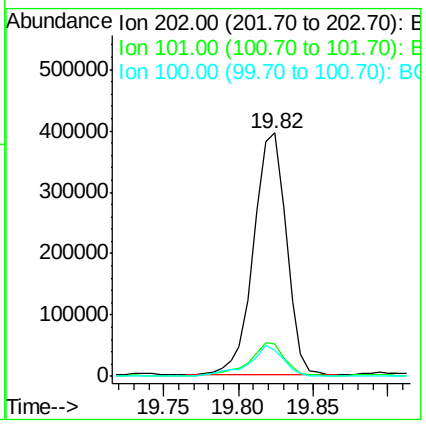


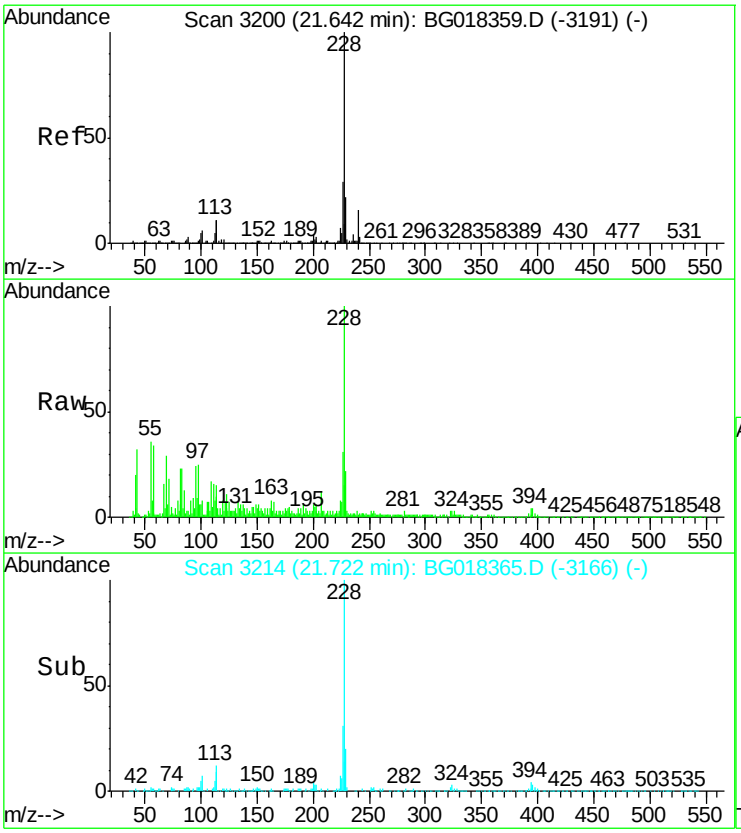
#80
Pyrene
Concen: 12.94 ng/ul
RT: 19.82 min Scan# 2891
Delta R.T. 0.02 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampleId :
C01P4

Tgt Ion:202 Resp: 595370

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.0	16.4
100	10.9	9.8	14.6

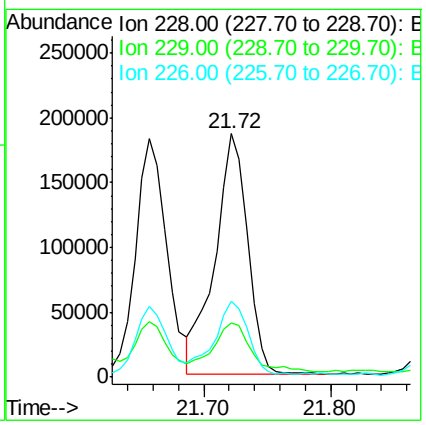


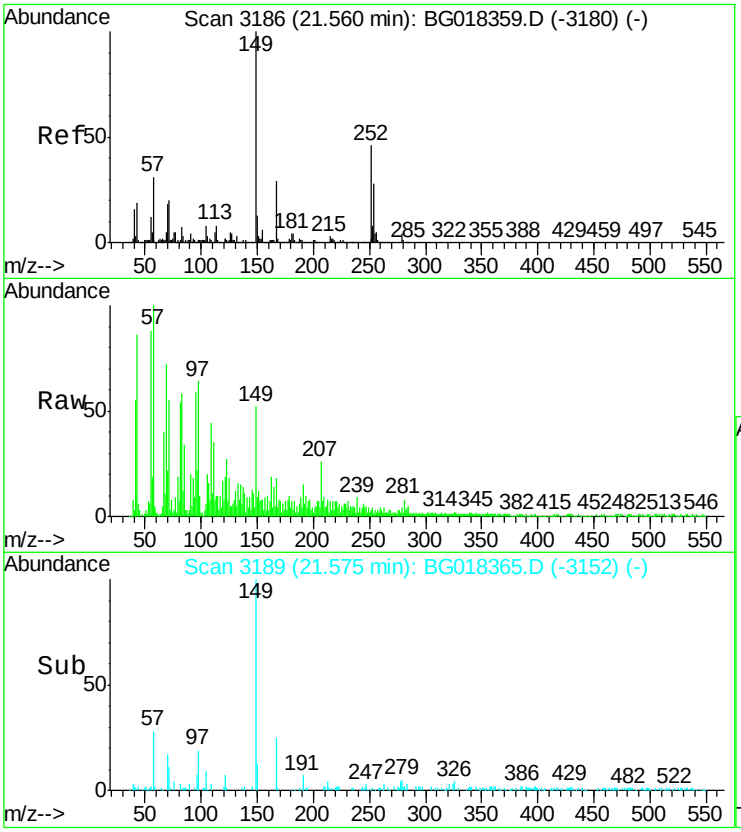


#83
Benzo(a)anthracene
Concen: 7.90 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.08 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion:228 Resp: 333553

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.5	23.3
226	31.4	22.1	33.1



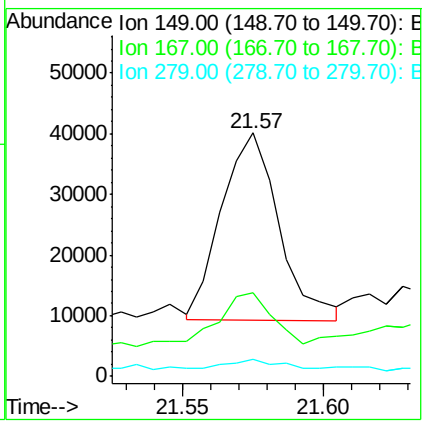


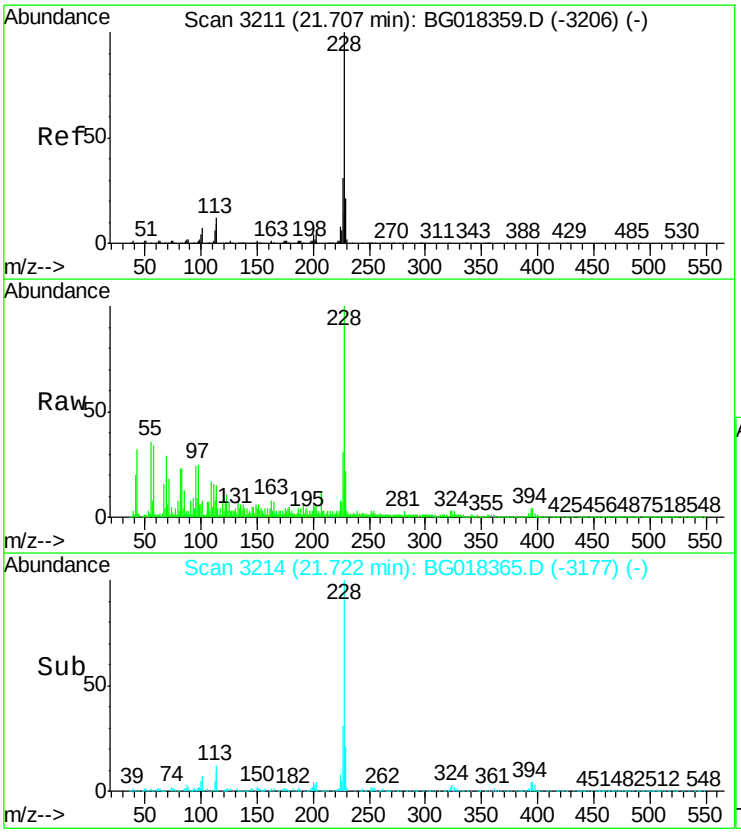
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.58 ng/ul
RT: 21.57 min Scan# 3189
Delta R.T. 0.02 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampleId :
C01P4

Tgt Ion:149 Resp: 43465

Ion	Ratio	Lower	Upper
149	100		
167	34.5	22.2	33.2#
279	6.8	2.8	4.2#

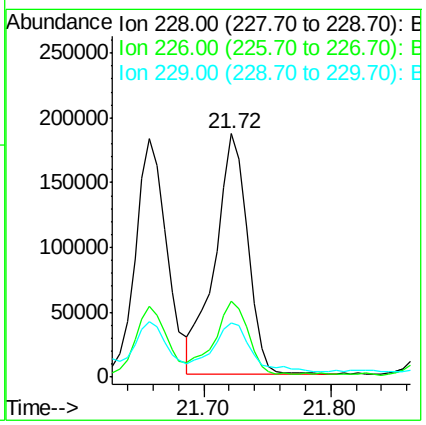


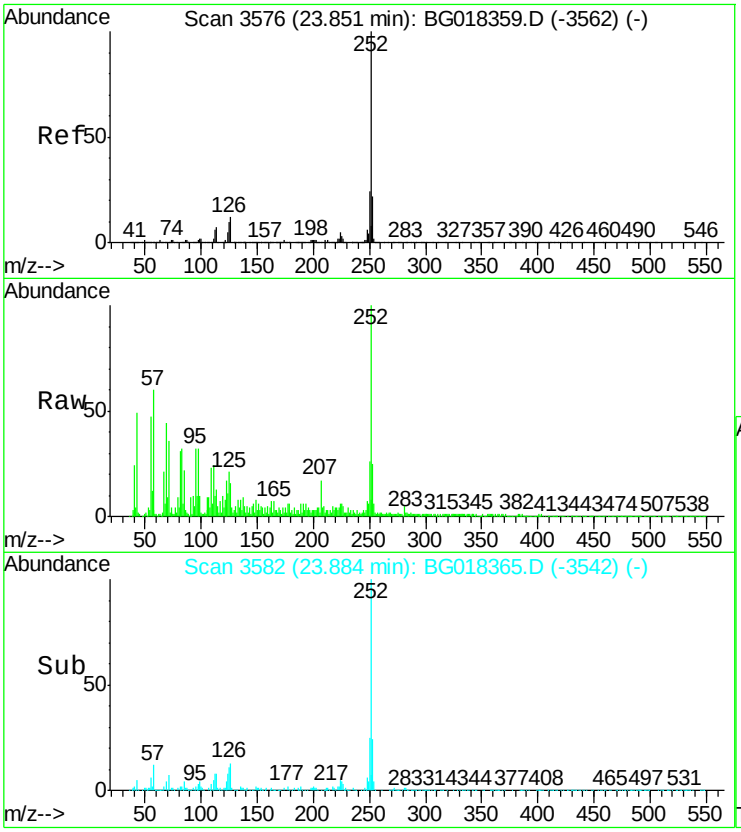


#85
Chrysene
Concen: 8.44 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.02 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion:228 Resp: 333091

Ion	Ratio	Lower	Upper
228	100		
226	31.4	26.5	39.7
229	22.3	16.9	25.3



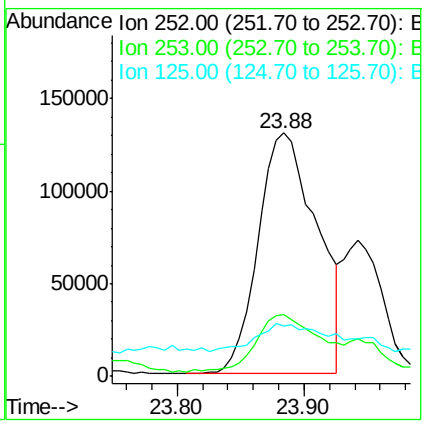


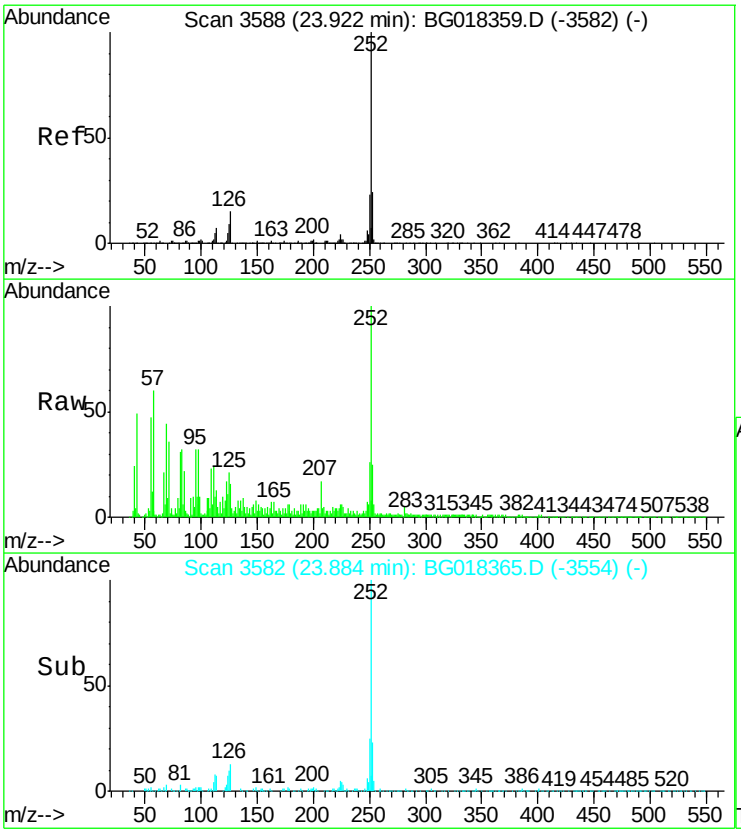
#88
Benzo(b)fluoranthene
Concen: 9.40 ng/ul
RT: 23.88 min Scan# 3582
Delta R.T. 0.03 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampleId :
C01P4

Tgt Ion:252 Resp: 418826

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	20.7	8.3	12.5#

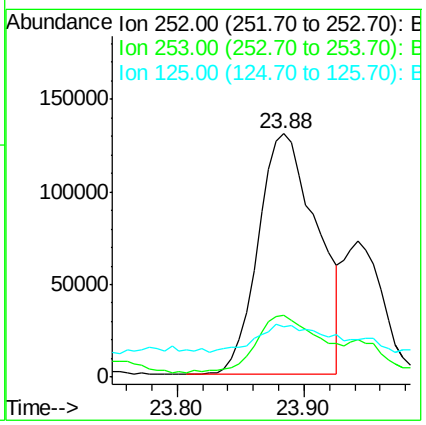


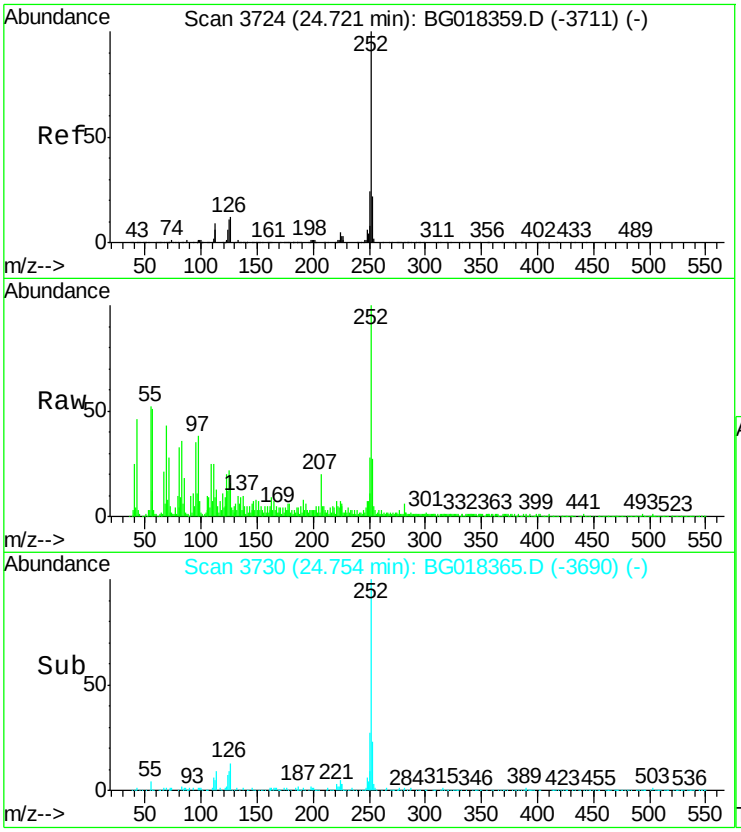


#89
Benzo(k)fluoranthene
Concen: 9.76 ng/ul
RT: 23.88 min Scan# 3582
Delta R.T. -0.04 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion:252 Resp: 418826

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.6
125	20.7	9.0	13.4#



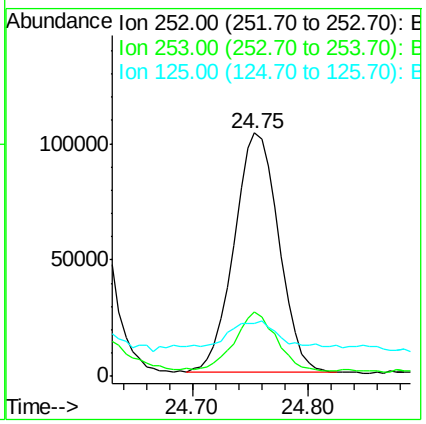


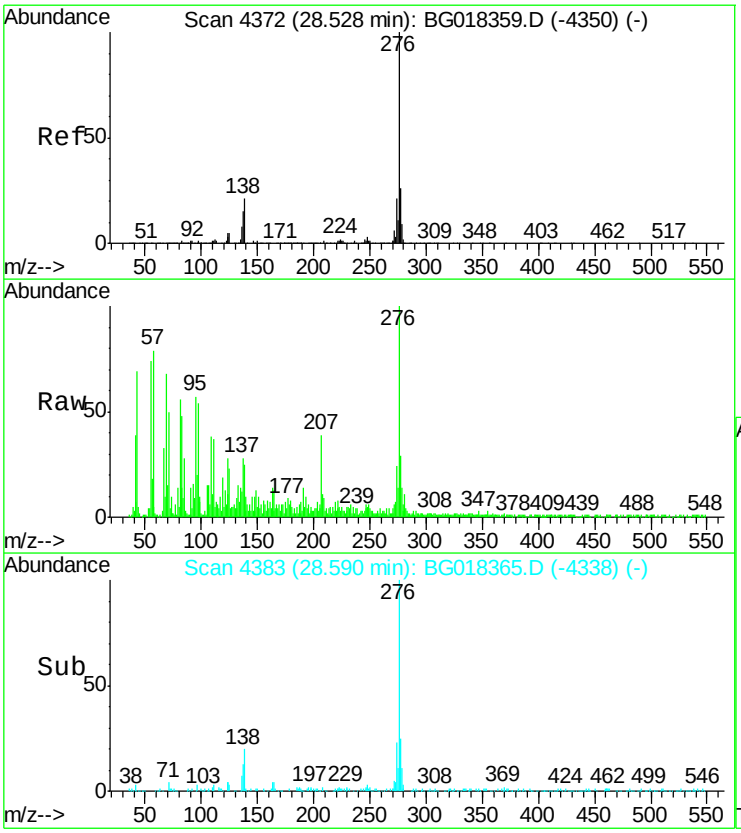
#91
Benzo(a)pyrene
Concen: 6.54 ng/ul
RT: 24.75 min Scan# 3730
Delta R.T. 0.03 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampleId :
C01P4

Tgt Ion:252 Resp: 277158

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.7	26.5
125	22.0	10.2	15.2#

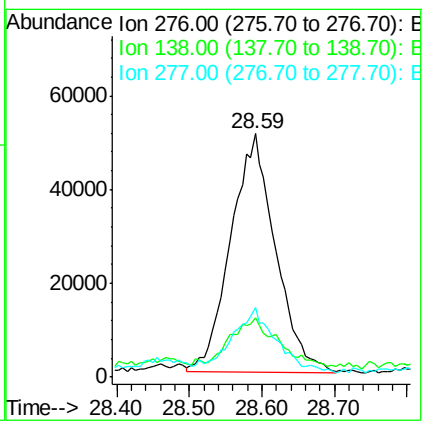


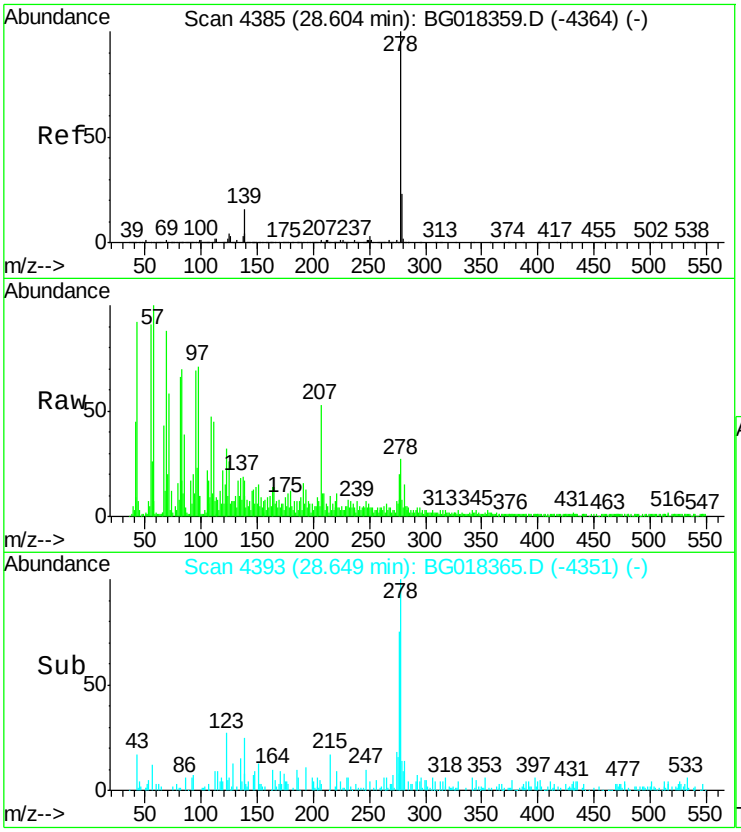


#92
Indeno(1,2,3-cd)pyrene
Concen: 4.46 ng/ul
RT: 28.59 min Scan# 4383
Delta R.T. 0.06 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion:276 Resp: 218738

Ion	Ratio	Lower	Upper
276	100		
138	24.6	15.8	23.6#
277	28.7	18.9	28.3#



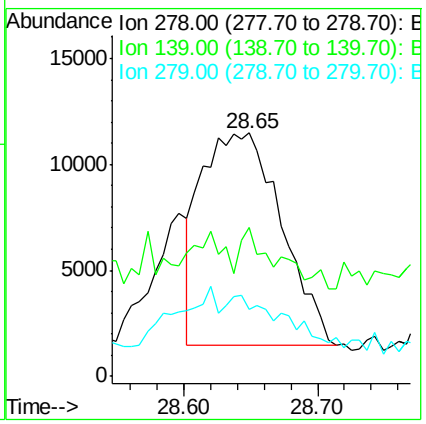


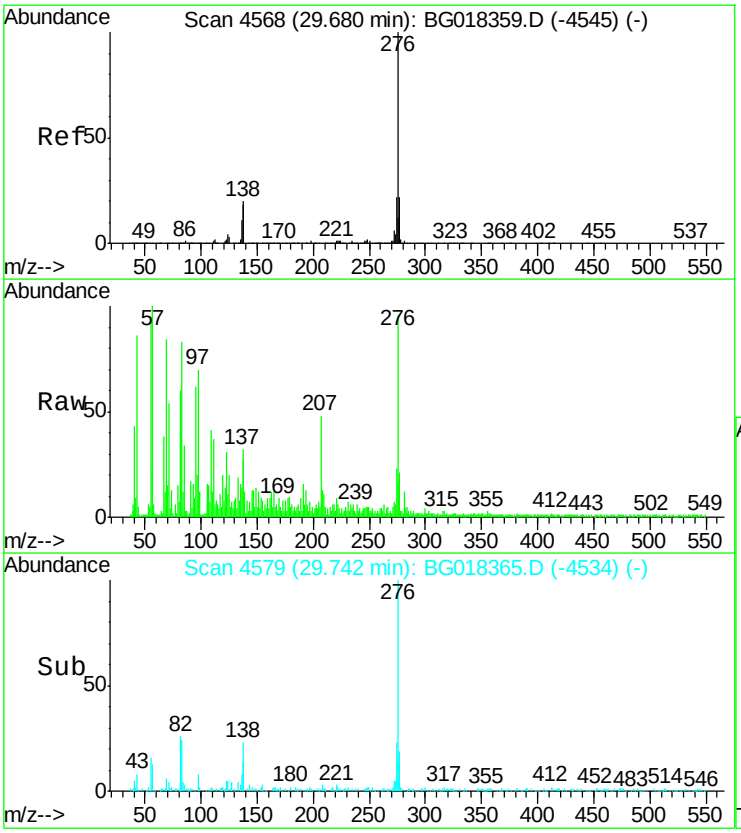
#93
Dibenzo(a,h)anthracene
Concen: 1.02 ng/ul
RT: 28.65 min Scan# 4393
Delta R.T. 0.04 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampleId :
C01P4

Tgt Ion:278 Resp: 41697

Ion	Ratio	Lower	Upper
278	100		
139	61.4	13.8	20.6#
279	27.7	17.8	26.8#





#94
Benzo(g,h,i)perylene
Concen: 4.85 ng/ul
RT: 29.74 min Scan# 4579
Delta R.T. 0.06 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion:276 Resp: 199863

Ion	Ratio	Lower	Upper
276	100		
138	28.0	16.5	24.7#
277	22.0	19.0	28.6