Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

Quant Time: Aug 06 05:06:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	72357	20.00	ng/ul	0.01
18) Naphthalene-d8	10.23	136	313499	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.13	164	186804	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.89	188	314558	20.00	ng/ul	0.02
78) Chrysene-d12	21.12	240	286251	20.00	ng/ul	0.03
86) Perylene-d12	23.31	264	271662	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	1166	1.39	ng/uL	0.00
5) Phenol-d5	6.65	99	67591	11.88	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.78	67	34001	12.36	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	58828	12.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.18	113	39174	8.15	ng/ul	0.01
19) Nitrobenzene-d5	8.60	128	32145	13.24	ng/ul	0.01
22) 2-Nitrophenol-d4	9.32	143	37068	13.20	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.87	165	60157	11.65	ng/ul	0.02
29) 4-Chloroaniline-d4	10.38	131	7668	1.24	ng/ul	0.02
44) Dimethylphthalate-d6	13.55	166	187639	12.99	ng/ul	0.02
47) Acenaphthylene-d8	13.82	160	212829	12.99	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	21614	9.07	ng/ul	0.03
58) Fluorene-d10	15.13	176	151458	11.67	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.29	200	3548	1.63	ng/ul	0.03
71) Anthracene-d10	16.99	188	177245	12.81	ng/ul	0.02
79) Pyrene-d10	19.31	212	124924	7.80	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.17	264	178038	12.60	ng/ul	0.06
Target Compounds						Qvalue
28) Naphthalene	10.27	128	24699	1.68	ng/ul#	94
34) 2-Methylnaphthalene	11.91	142	15923	1.35	ng/ul	99
35) 1-Methylnaphthalene	12.13	142	12353	1.08	ng/ul	95
45) Dimethylphthalate	13.59	163	71978	4.99	ng/ul#	96
48) Acenaphthylene	13.85	152	18835	1.12	ng/ul#	87
50) Acenaphthene	14.19	153	56646	5.19	ng/ul	96
54) Dibenzofuran	14.53	168	39587	2.46	ng/ul	95
59) Fluorene	15.18	166	67352	4.77	ng/ul	94
70) Phenanthrene	17.02	178	362723	22.85	ng/ul	99
72) Anthracene	17.02	178	362723	22.90	ng/ul	99
75) Carbazole	17.31	167	69776	5.22	ng/ul	95
76) Di-n-butylphthalate	17.87	149	306315	16.34	ng/ul	99
77) Fluoranthene	18.99	202	2304174	130.86	ng/ul#	97
80) Pyrene	19.35	202	1865008	93.70	ng/ul	99
81) Butylbenzylphthalate	20.25	149	23842	3.09	ng/ul#	67
83) Benzo(a)anthracene	21.11	228	1190597	78.80	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.03	149	133541	14.37	ng/ul	96
85) Chrysene	21.11	228	1199773	88.38	ng/ul	96
88) Benzo(b)fluoranthene	22.66	252	1608959	96.57	ng/ul#	95
89) Benzo(k)fluoranthene	22.66	252	1608959	100.70	ng/ul#	92
91) Benzo(a)pyrene	23.22	252	1013311	69.66	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.53	276	404924	22.50	ng/ul	99
93) Dibenzo(a,h)anthracene	25.53	278	98951	6.27	ng/ul#	91

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Quant Time: Aug 06 05:06:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

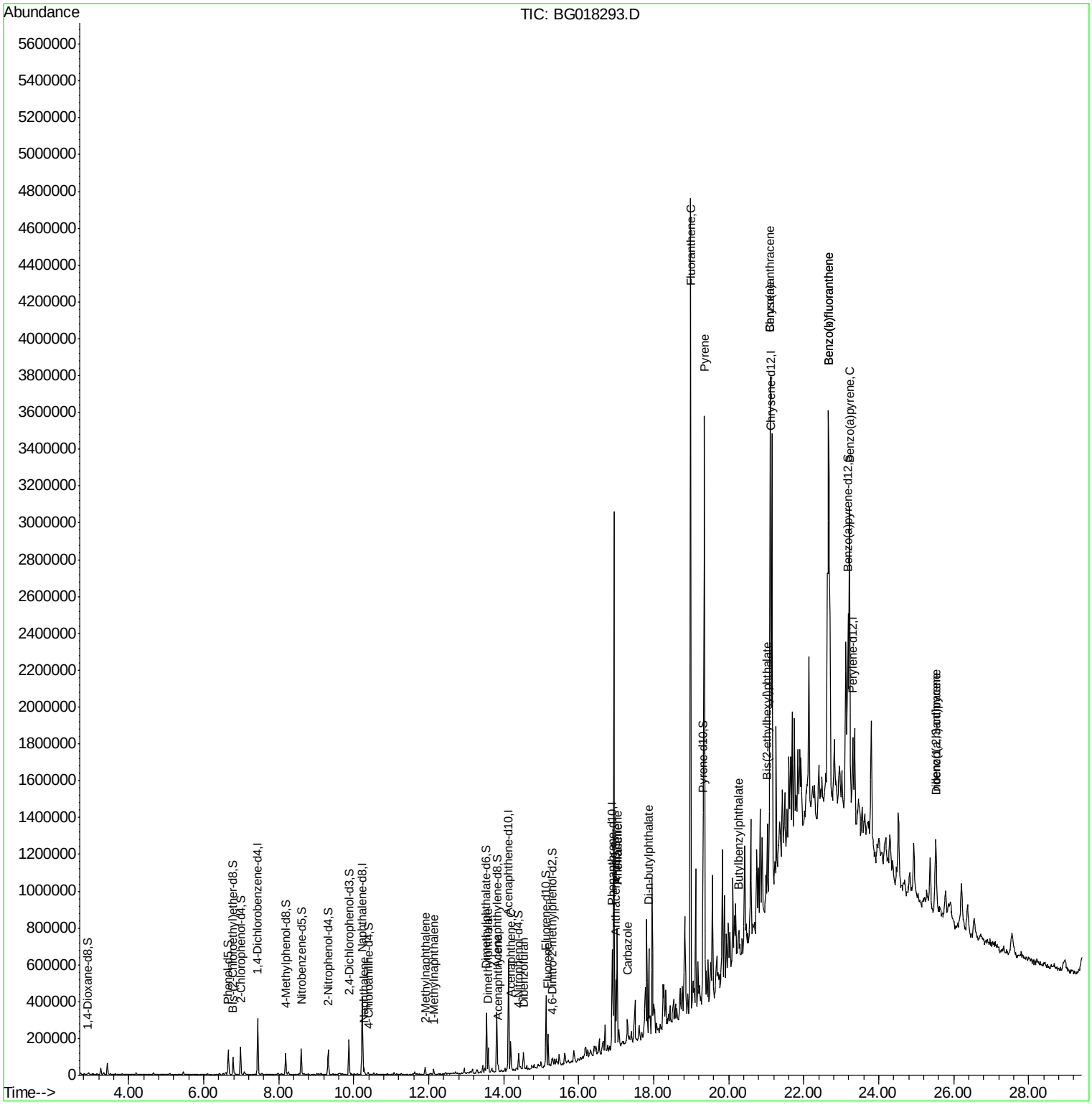
(#) = qualifier out of range (m) = manual integration (+) = signals summed

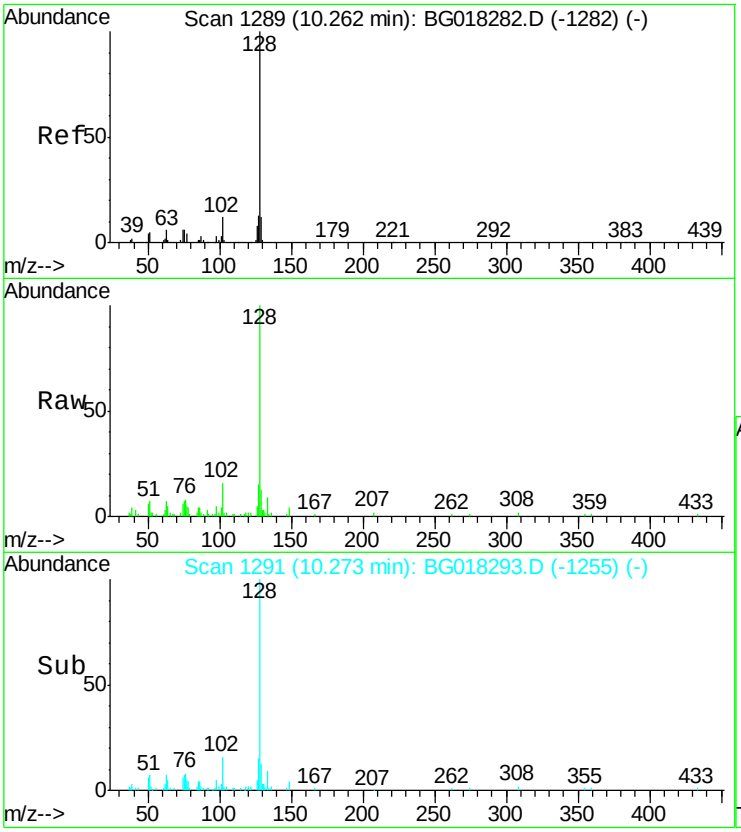
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Quant Time: Aug 06 05:06:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



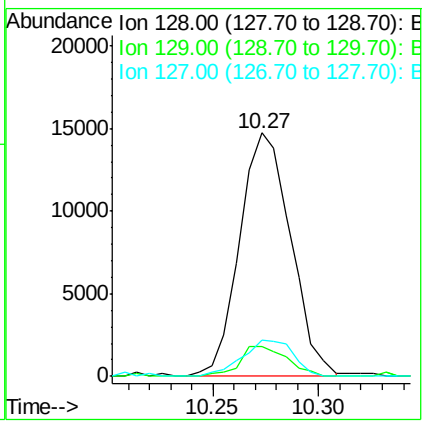


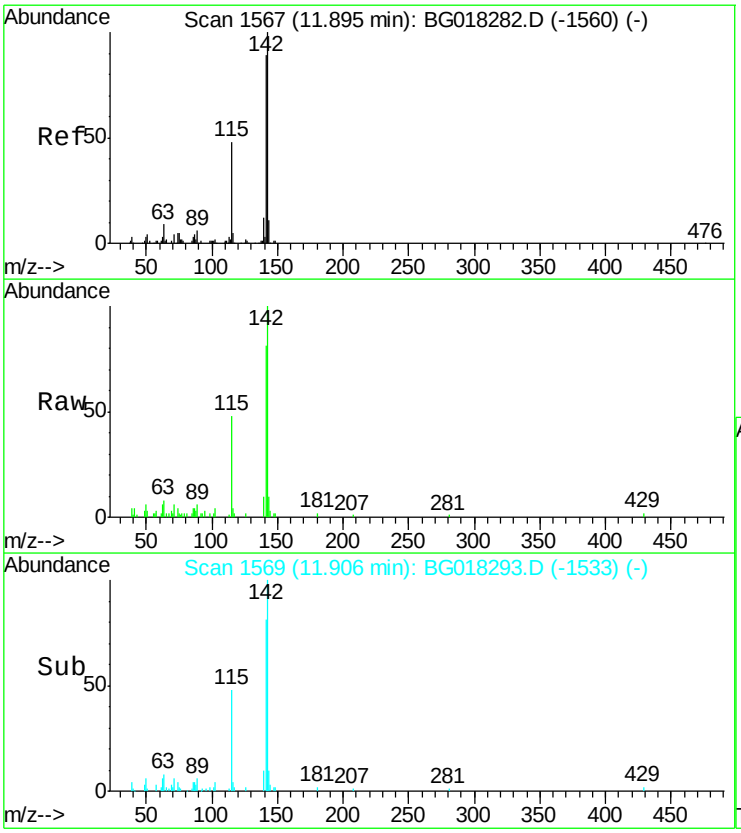
#28
Naphthalene
Concen: 1.68 ng/ul
RT: 10.27 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Tgt Ion:128 Resp: 24699

Ion	Ratio	Lower	Upper
128	100		
129	12.5	7.8	11.6#
127	14.7	10.2	15.4

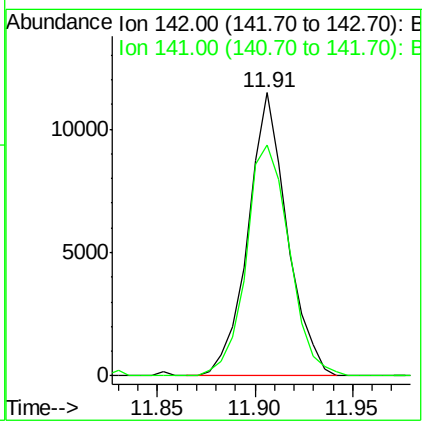


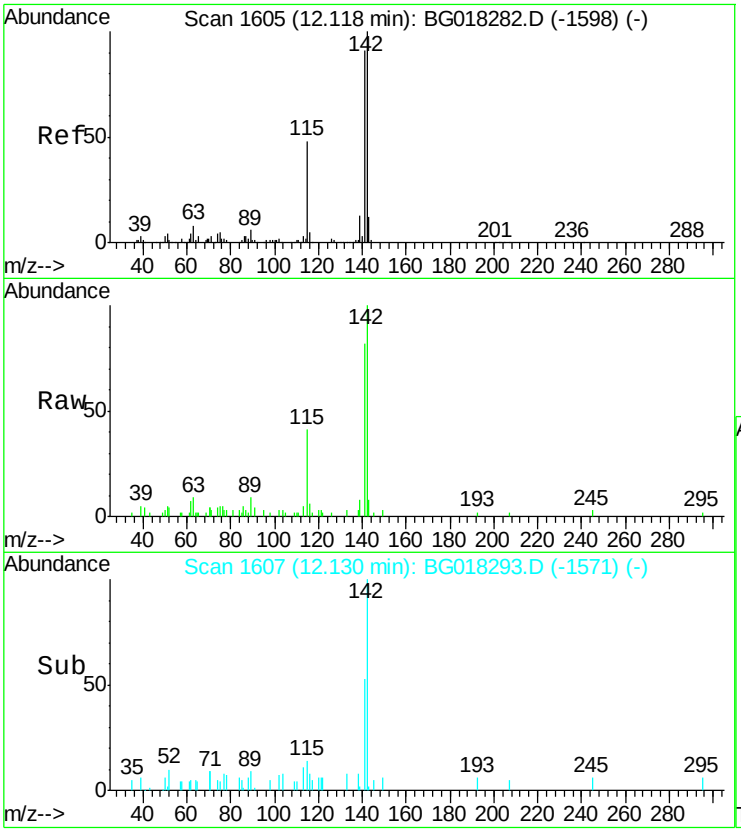


#34
2-Methylnaphthalene
Concen: 1.35 ng/ul
RT: 11.91 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Tgt Ion:142 Resp: 15923

Ion	Ratio	Lower	Upper
142	100		
141	81.4	65.9	98.9



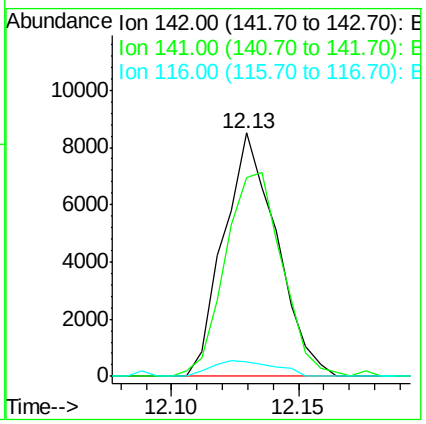


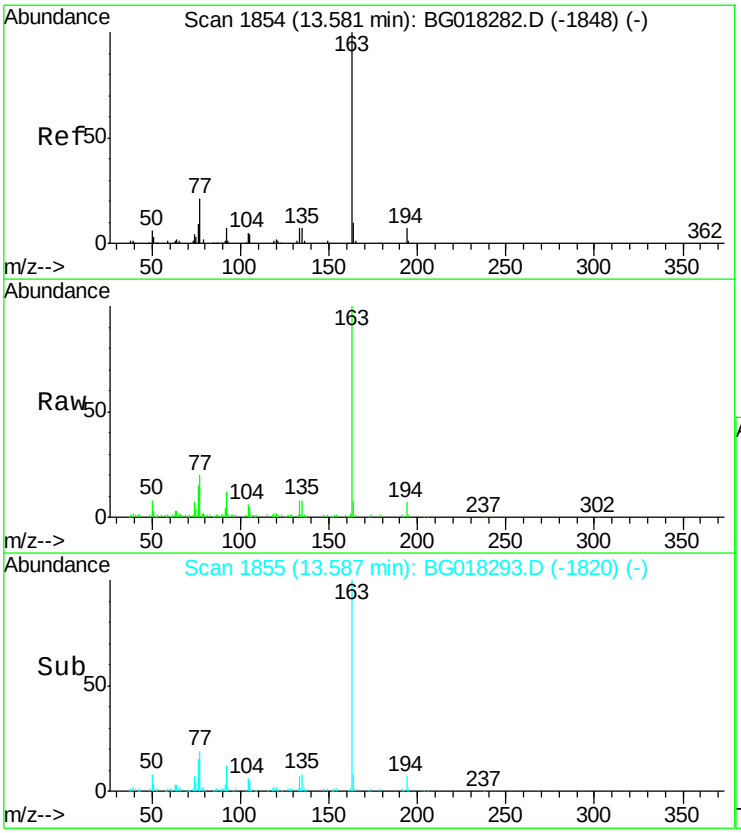
#35
1-Methylnaphthalene
Concen: 1.08 ng/ul
RT: 12.13 min Scan# 1607
Delta R.T. 0.01 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Tgt Ion:142 Resp: 12353

Ion	Ratio	Lower	Upper
142	100		
141	81.7	69.0	103.4
116	5.9	4.2	6.4

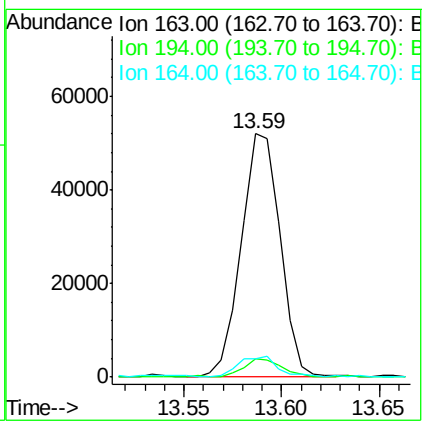


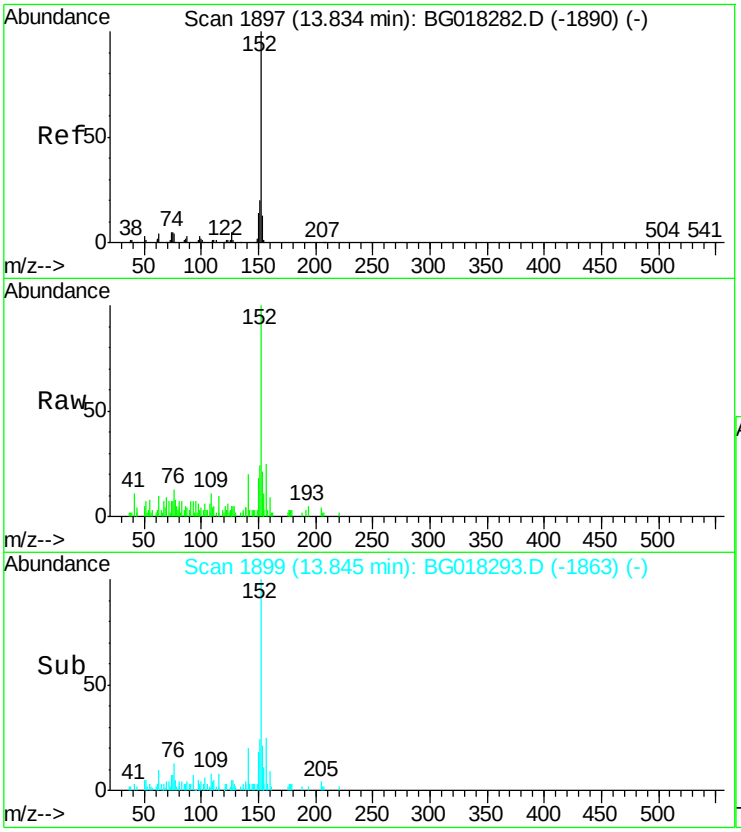


#45
Dimethylphthalate
Concen: 4.99 ng/ul
RT: 13.59 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Tgt Ion:163 Resp: 71978

Ion	Ratio	Lower	Upper
163	100		
194	7.4	5.4	8.2
164	7.7	7.8	11.8#



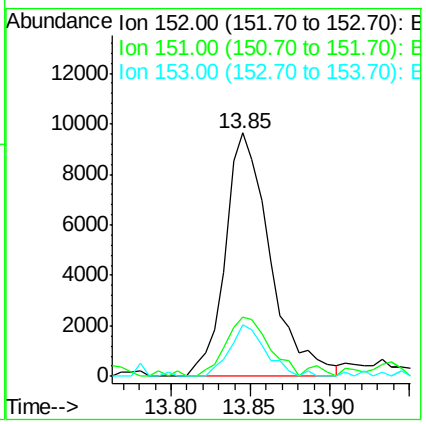


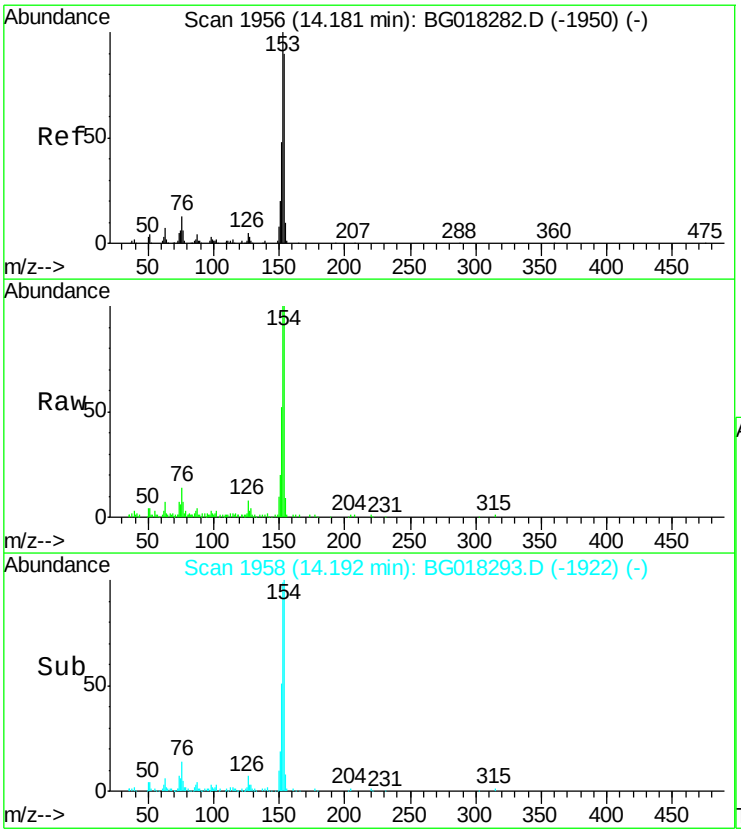
#48
Acenaphthylene
Concen: 1.12 ng/ul
RT: 13.85 min Scan# 1899
Delta R.T. 0.01 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Tgt Ion:152 Resp: 18835

Ion	Ratio	Lower	Upper
152	100		
151	24.3	16.5	24.7
153	21.0	9.8	14.6#

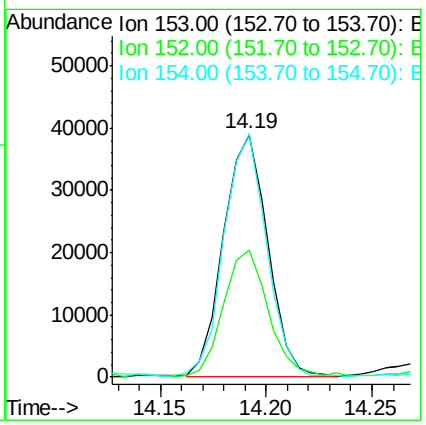


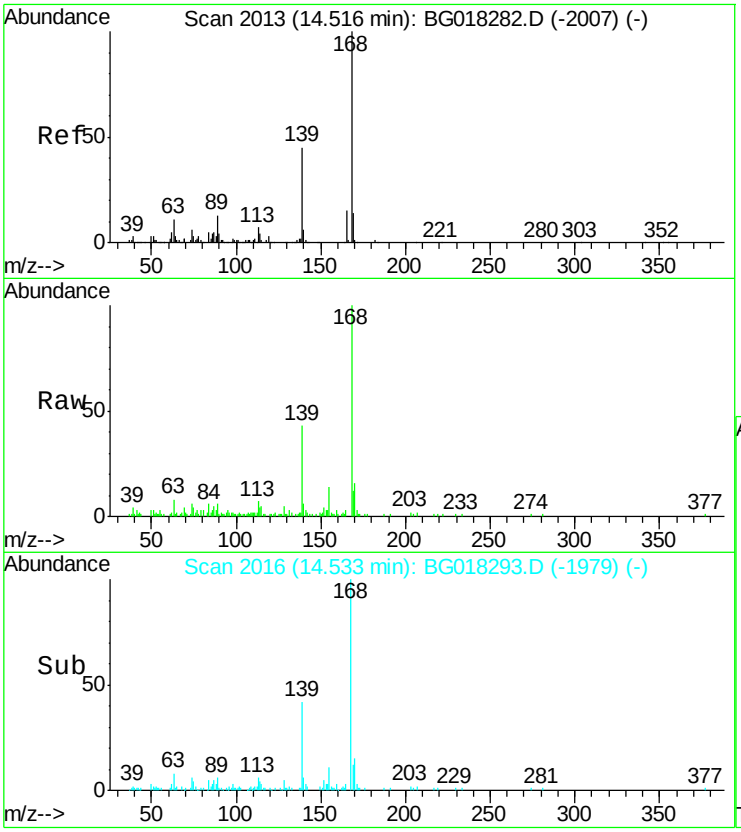


#50
Acenaphthene
Concen: 5.19 ng/ul
RT: 14.19 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Tgt Ion:153 Resp: 56646

Ion	Ratio	Lower	Upper
153	100		
152	52.5	39.0	58.4
154	100.3	77.4	116.2



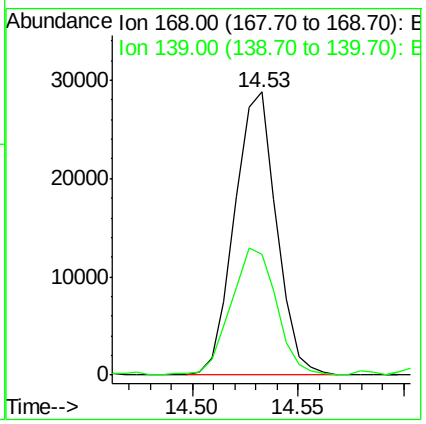


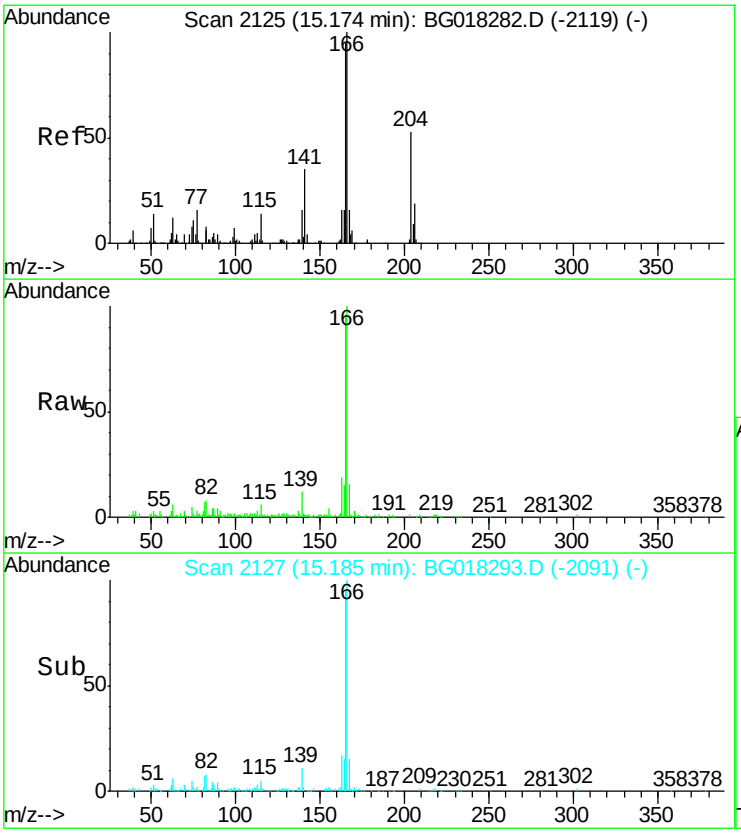
#54
Dibenzofuran
Concen: 2.46 ng/ul
RT: 14.53 min Scan# 2016
Delta R.T. 0.02 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Tgt Ion:168 Resp: 39587

Ion	Ratio	Lower	Upper
168	100		
139	42.9	37.1	55.7

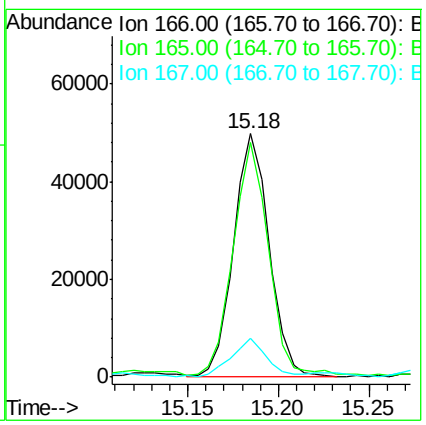


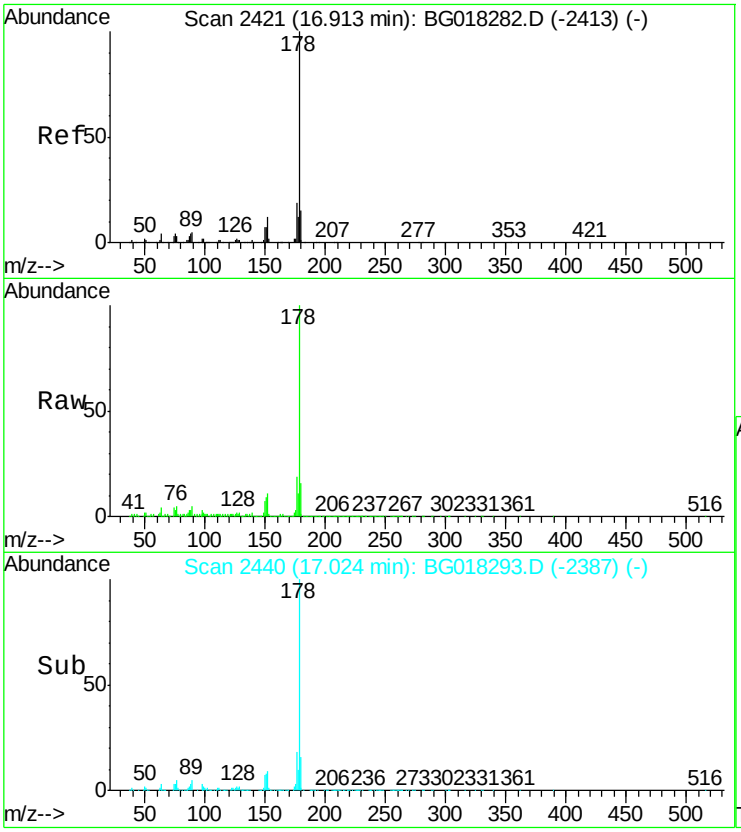


#59
Fluorene
Concen: 4.77 ng/ul
RT: 15.18 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Tgt Ion:166 Resp: 67352

Ion	Ratio	Lower	Upper
166	100		
165	96.2	72.4	108.6
167	16.1	11.4	17.0



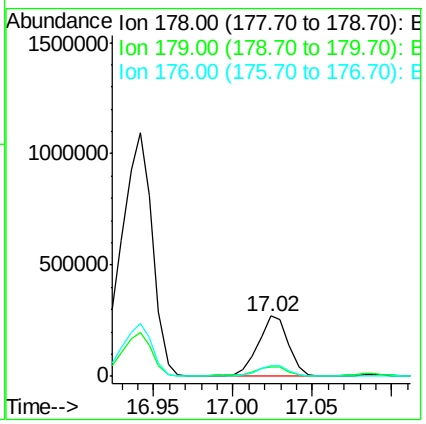


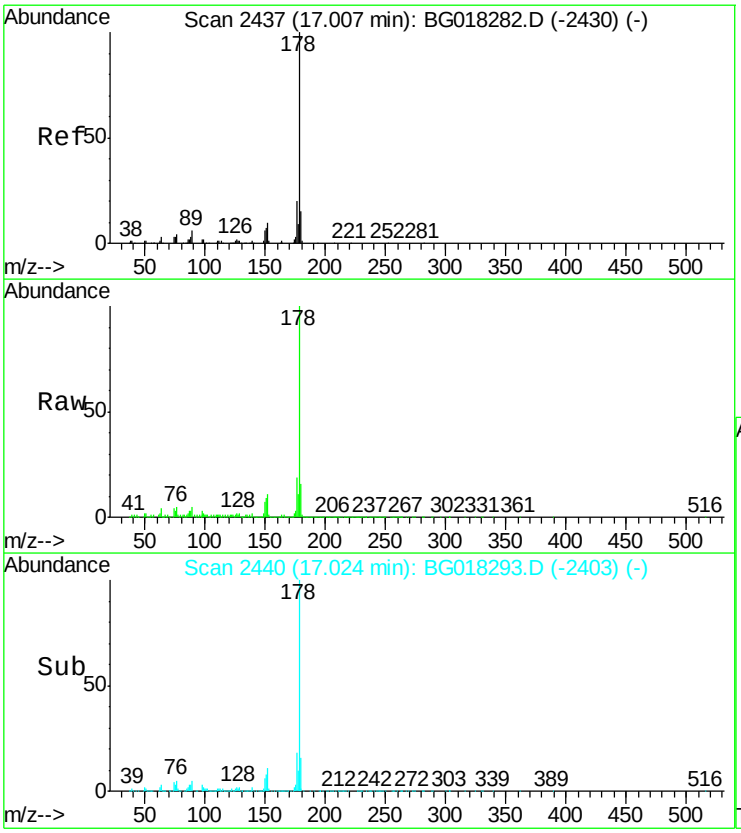
#70
Phenanthrene
Concen: 22.85 ng/ul
RT: 17.02 min Scan# 2440
Delta R.T. 0.11 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Tgt Ion:178 Resp: 362723

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	18.6	14.5	21.7

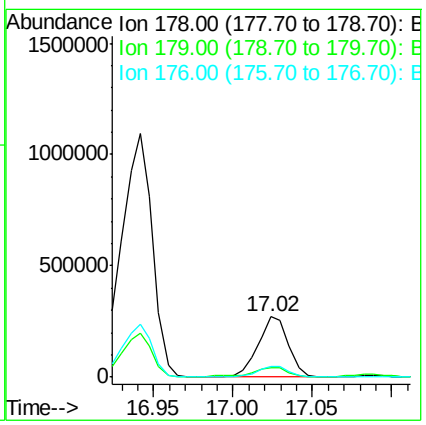


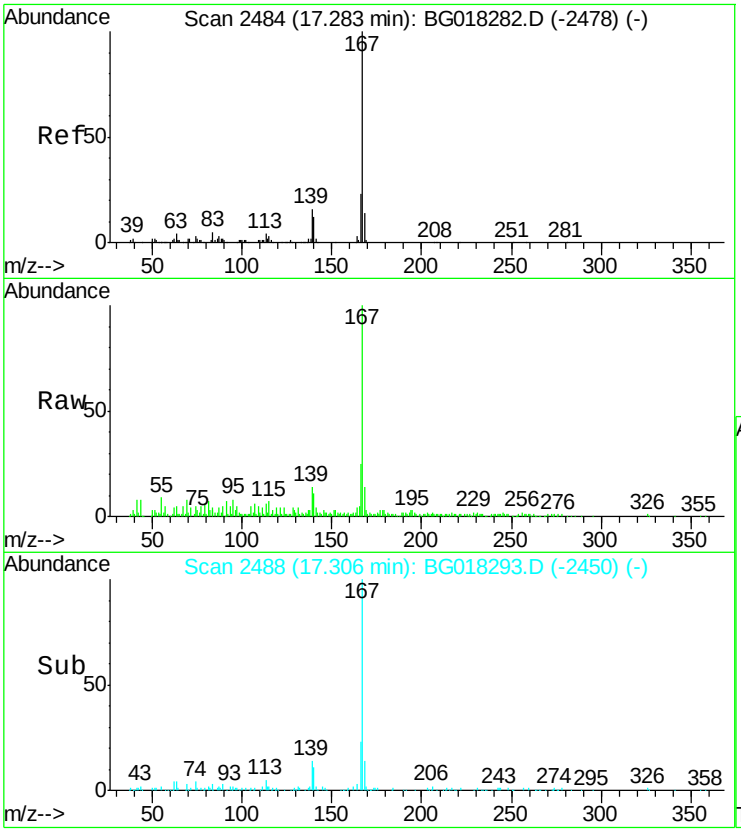


#72
Anthracene
Concen: 22.90 ng/ul
RT: 17.02 min Scan# 2440
Delta R.T. 0.02 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Tgt Ion:178 Resp: 362723

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	18.6	15.3	22.9



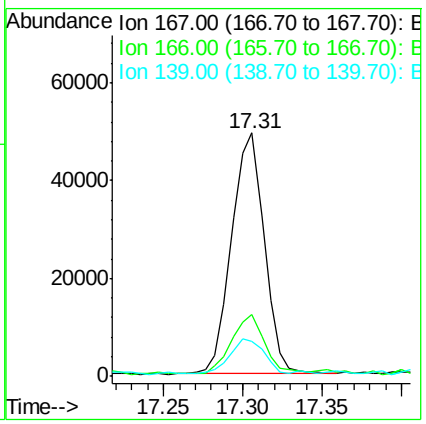


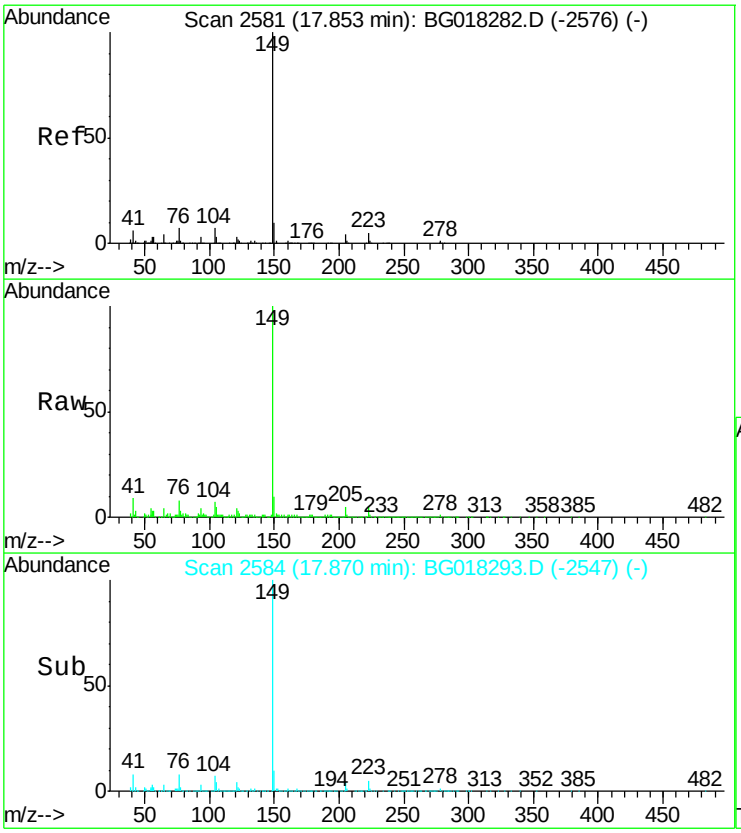
#75
Carbazole
Concen: 5.22 ng/ul
RT: 17.31 min Scan# 2488
Delta R.T. 0.02 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Tgt Ion:167 Resp: 69776

Ion	Ratio	Lower	Upper
167	100		
166	25.3	17.8	26.8
139	14.4	10.6	16.0

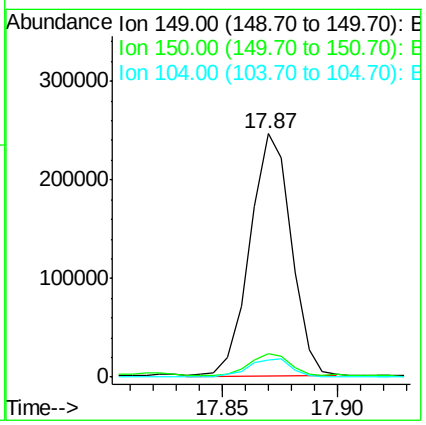


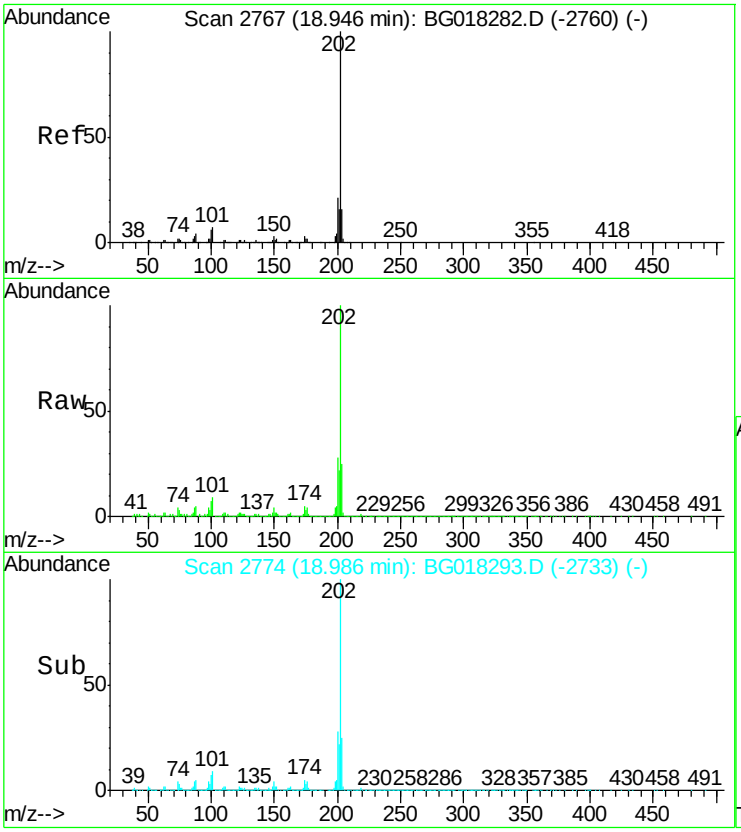


#76
Di-n-butylphthalate
Concen: 16.34 ng/ul
RT: 17.87 min Scan# 2584
Delta R.T. 0.02 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Tgt Ion:149 Resp: 306315

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.4	11.2
104	7.1	5.5	8.3



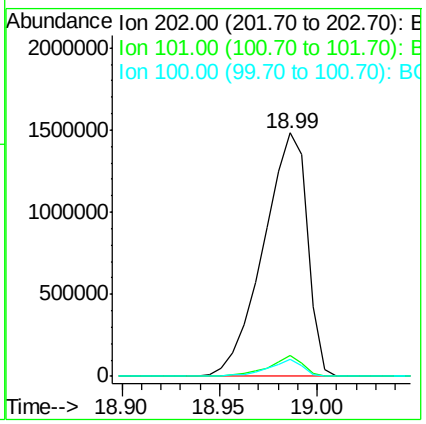


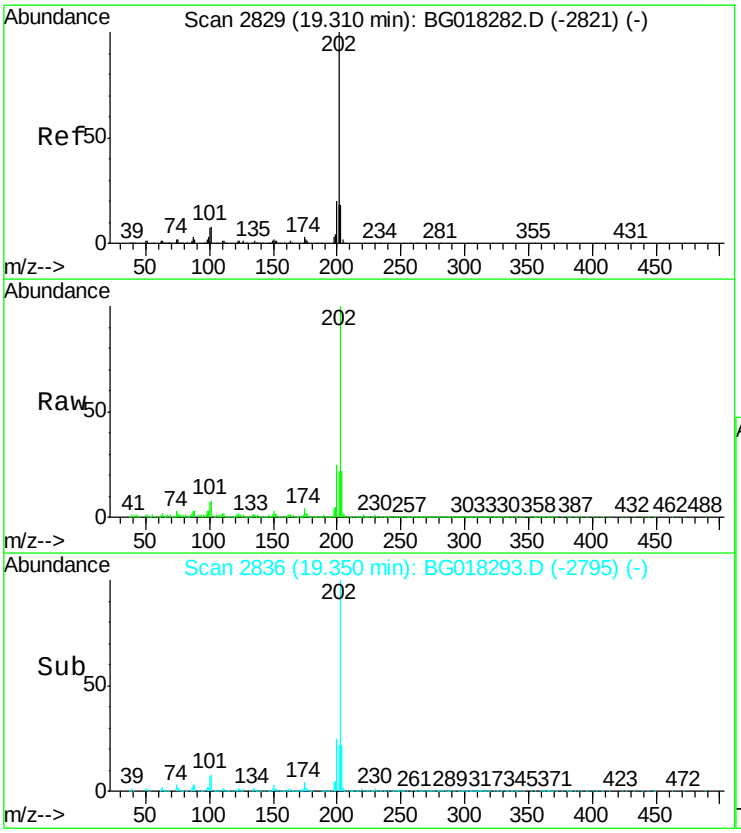
#77
Fluoranthene
Concen: 130.86 ng/ul
RT: 18.99 min Scan# 2774
Delta R.T. 0.04 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Tgt Ion:202 Resp: 2304174

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.2	9.2
100	7.0	4.6	6.8#

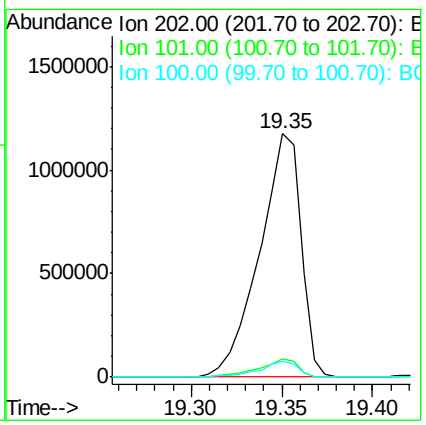


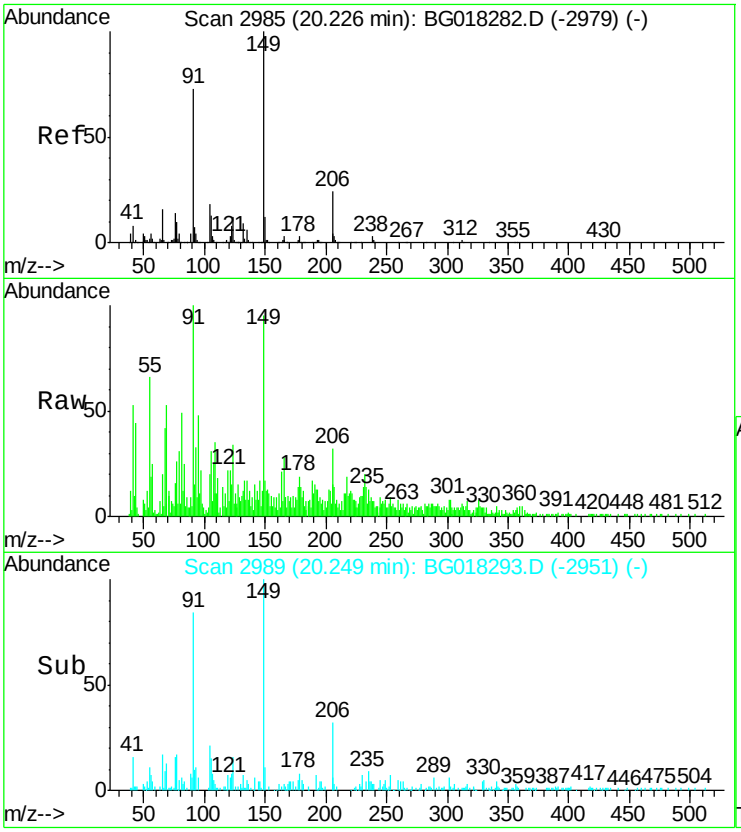


#80
Pyrene
Concen: 93.70 ng/ul
RT: 19.35 min Scan# 2836
Delta R.T. 0.04 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Tgt Ion:202 Resp: 1865008

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.2	9.2
100	6.7	4.6	7.0



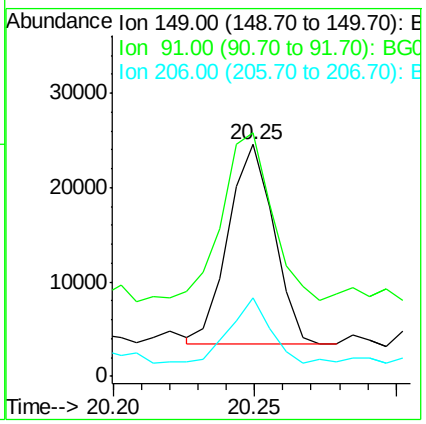


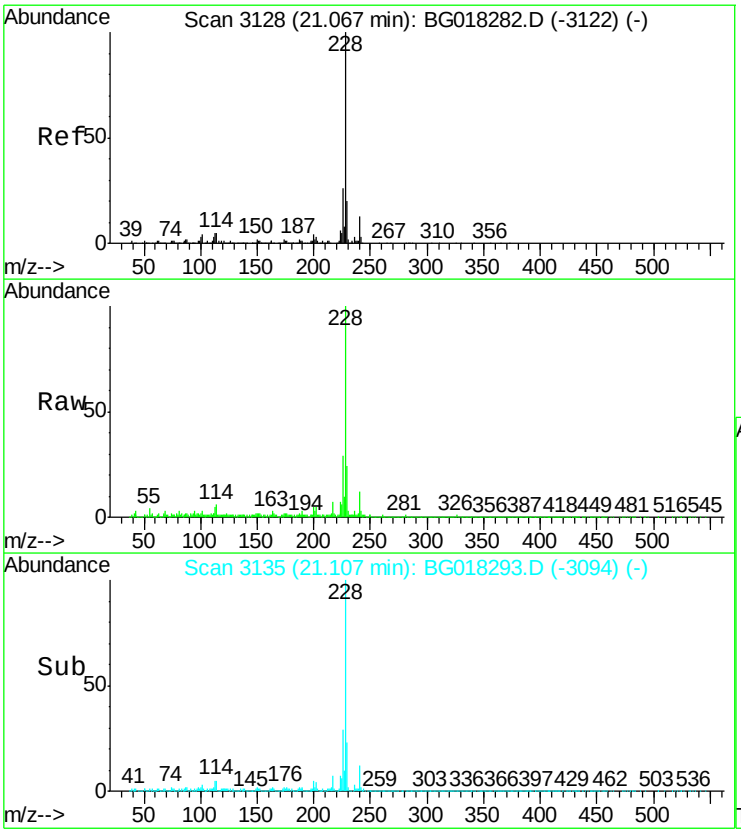
#81
Butylbenzylphthalate
Concen: 3.09 ng/ul
RT: 20.25 min Scan# 2989
Delta R.T. 0.02 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Tgt Ion:149 Resp: 23842

Ion	Ratio	Lower	Upper
149	100		
91	105.0	58.2	87.2#
206	33.7	19.9	29.9#

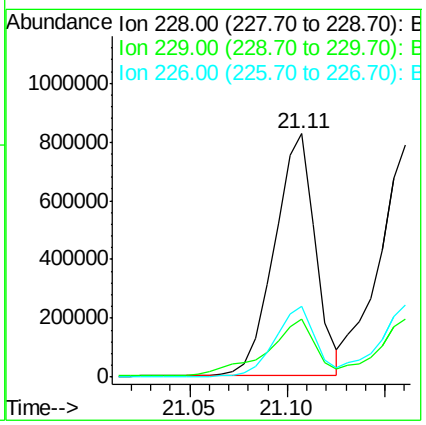


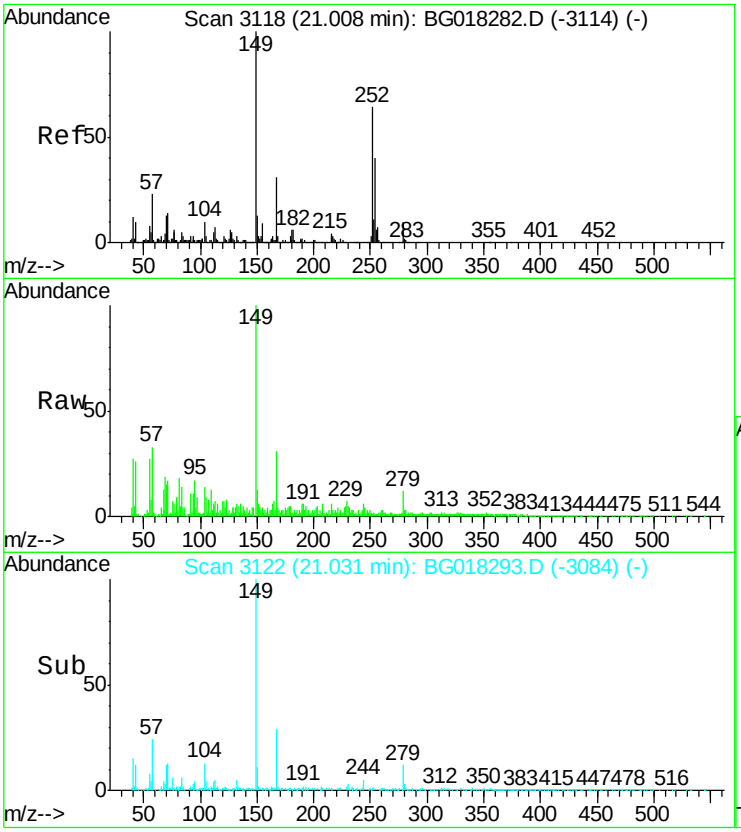


#83
Benzo(a)anthracene
Concen: 78.80 ng/ul
RT: 21.11 min Scan# 3135
Delta R.T. 0.04 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Tgt Ion:228 Resp: 1190597

Ion	Ratio	Lower	Upper
228	100		
229	23.8	16.3	24.5
226	28.9	21.2	31.8



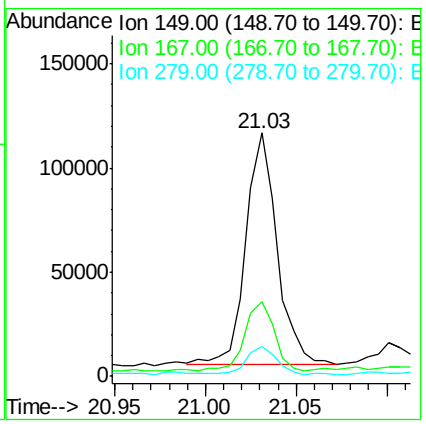


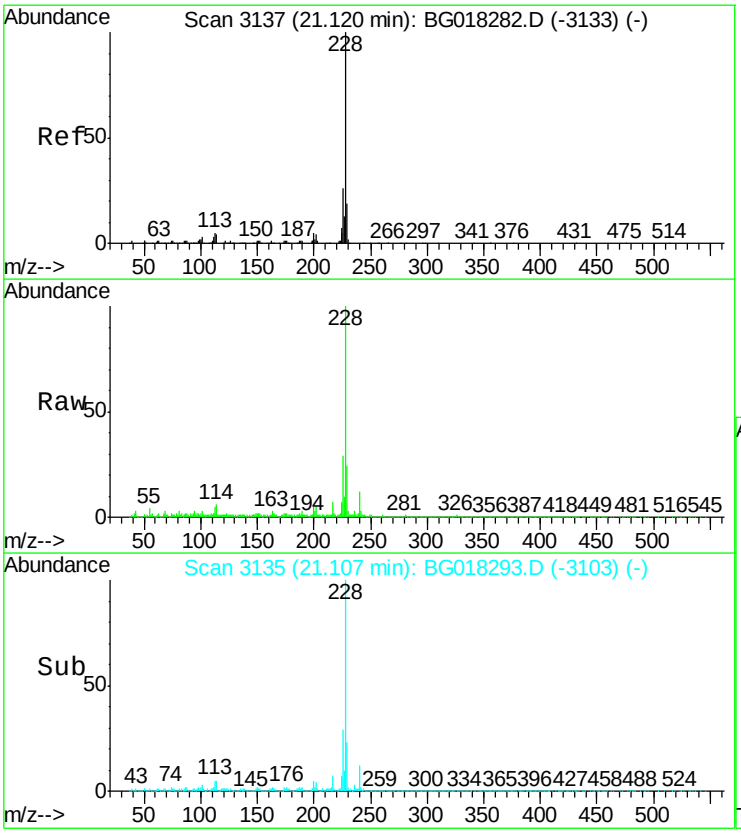
#84
Bis(2-ethylhexyl)phthalate
Concen: 14.37 ng/ul
RT: 21.03 min Scan# 3122
Delta R.T. 0.02 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Tgt Ion:149 Resp: 133541

Ion	Ratio	Lower	Upper
149	100		
167	30.9	26.4	39.6
279	12.4	8.6	12.8

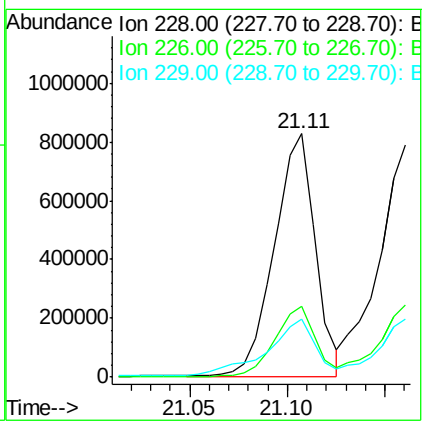


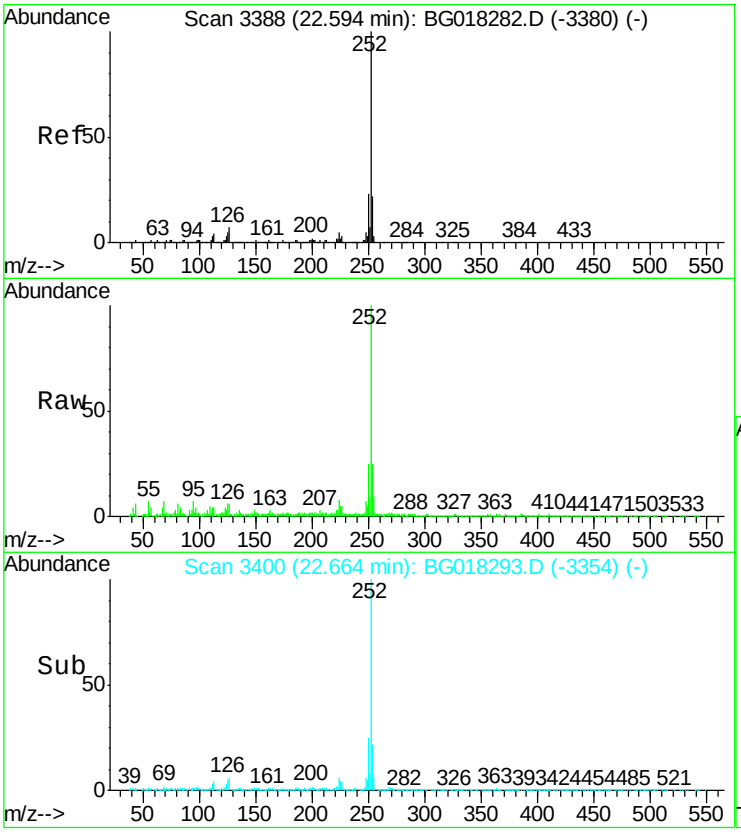


#85
Chrysene
Concen: 88.38 ng/ul
RT: 21.11 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Tgt Ion:228 Resp: 1199773

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	23.8	15.9	23.9



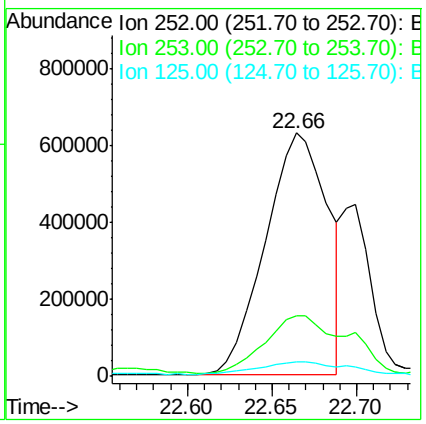


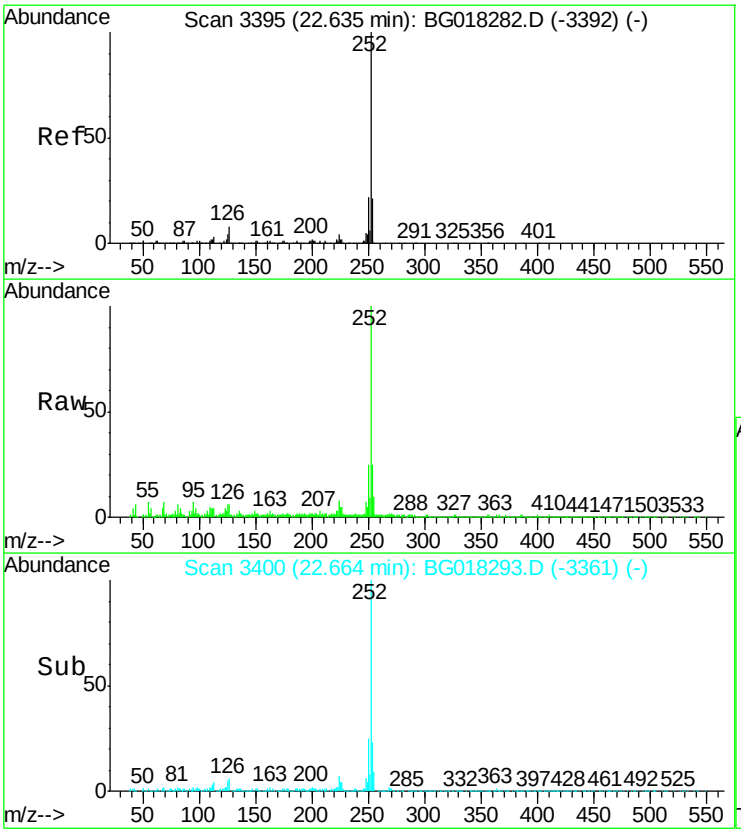
#88
Benzo(b)fluoranthene
Concen: 96.57 ng/ul
RT: 22.66 min Scan# 3400
Delta R.T. 0.07 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Tgt Ion:252 Resp: 1608959

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	6.2	3.1	4.7#

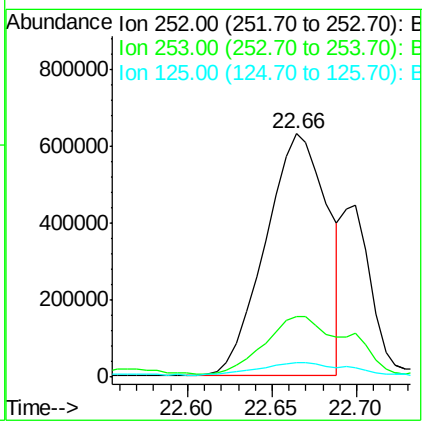


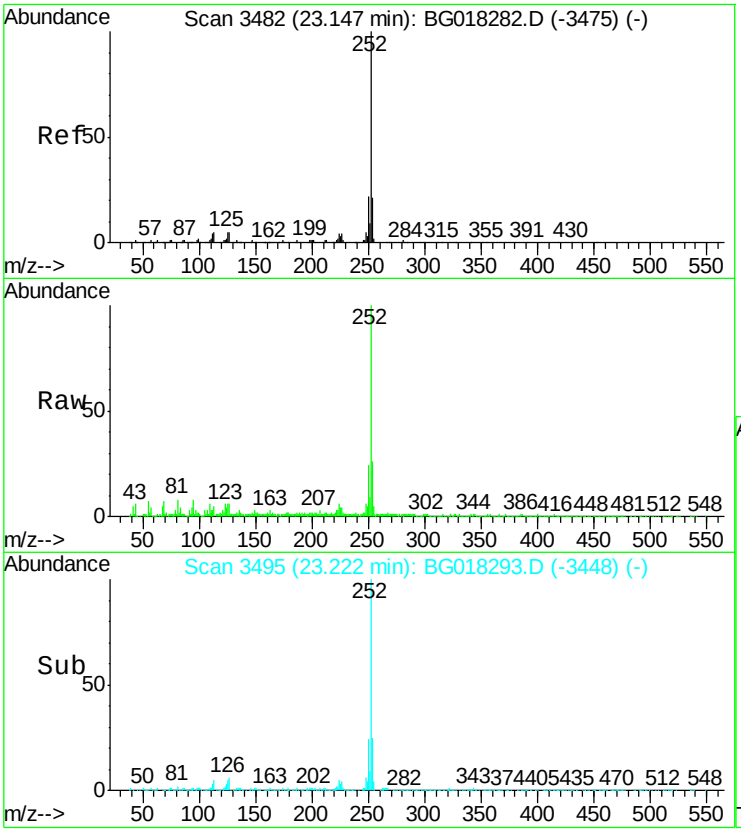


#89
Benzo(k)fluoranthene
Concen: 100.70 ng/ul
RT: 22.66 min Scan# 3400
Delta R.T. 0.03 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Tgt Ion:252 Resp: 1608959

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.4	24.6#
125	6.2	3.4	5.2#



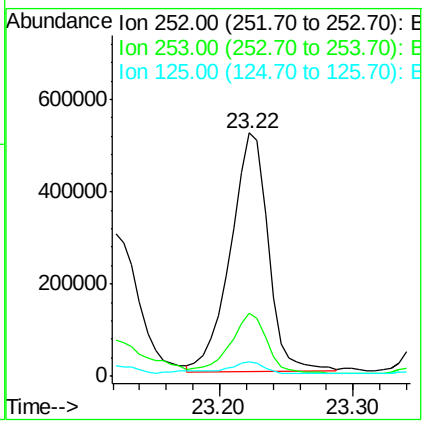


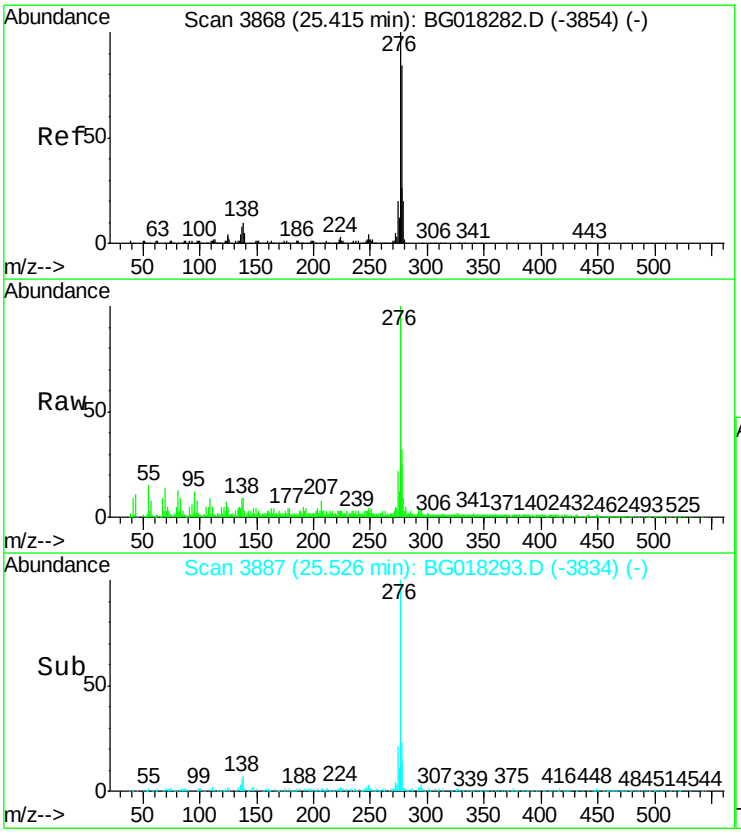
#91
Benzo(a)pyrene
Concen: 69.66 ng/ul
RT: 23.22 min Scan# 3495
Delta R.T. 0.08 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Tgt Ion:252 Resp: 1013311

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.9	28.3
125	6.0	3.2	4.8#

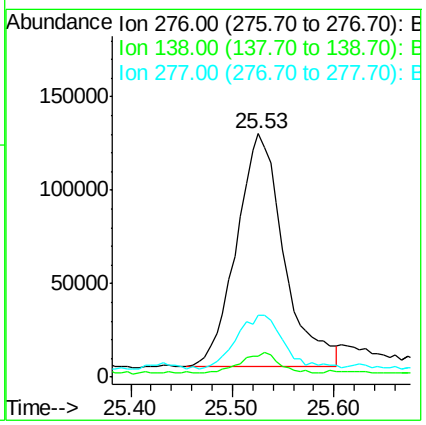


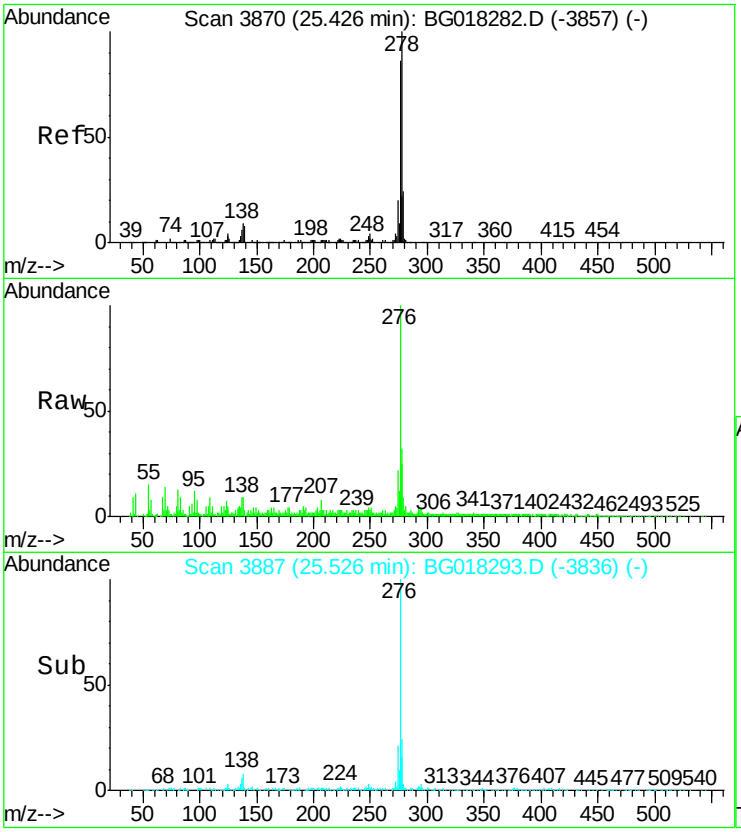


#92
Indeno(1,2,3-cd)pyrene
Concen: 22.50 ng/ul
RT: 25.53 min Scan# 3887
Delta R.T. 0.11 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Tgt Ion:276 Resp: 404924

Ion	Ratio	Lower	Upper
276	100		
138	8.8	8.2	12.4
277	25.3	20.1	30.1





#93
Dibenzo(a,h)anthracene
Concen: 6.27 ng/ul
RT: 25.53 min Scan# 3887
Delta R.T. 0.10 min
Lab File: BG018293.D
Acq: 6 Aug 2015 4:26

Instrument :
BNA_G
ClientSampleId :
C01P5RE

Tgt Ion:278 Resp: 98951

Ion	Ratio	Lower	Upper
278	100		
139	11.1	5.8	8.8#
279	29.2	19.8	29.6