Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T9

Quant Time: Aug 10 02:22:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 02:20:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	163667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	734714	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	421766	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	832177	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	677491	20.00	ng/ul	0.03
86) Perylene-d12	25.01	264	665267	20.00	ng/ul	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	4637	1.26	ng/uL	0.00
5) Phenol-d5	7.22	99	73576	5.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	92087	10.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	47037	4.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	17371	1.40	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	56004	9.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	58218	10.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	35343	2.88	ng/ul	0.02
29) 4-Chloroaniline-d4	11.00	131	33784	2.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	327093	9.29	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	373272	8.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	32262	5.10	ng/ul	0.00
58) Fluorene-d10	15.68	176	248206	8.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	31049	7.64	ng/ul	0.00
71) Anthracene-d10	17.54	188	329309	8.35	ng/ul	0.00
79) Pyrene-d10	19.82	212	315273	9.05	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.79	264	306336	8.73	ng/ul	0.09
Target Compounds						Qvalue
14) Acetophenone	8.89	105	44640	2.50	ng/ul#	60
17) Hexachloroethane	9.19	117	9015	1.82	ng/ul#	11
28) Naphthalene	10.93	128	81299	2.12	ng/ul#	96
34) 2-Methylnaphthalene	12.53	142	243522	8.78	ng/ul	98
35) 1-Methylnaphthalene	12.75	142	190013	7.04	ng/ul	95
41) 1,1'-Biphenyl	13.53	154	48175	1.38	ng/ul	98
45) Dimethylphthalate	14.14	163	160725	4.63	ng/ul#	97
50) Acenaphthene	14.76	153	37518	1.21	ng/ul#	85
54) Dibenzofuran	15.09	168	44004	1.08	ng/ul#	68
57) Diethylphthalate	15.50	149	105900	2.87	ng/ul#	94
59) Fluorene	15.74	166	58109	1.66	ng/ul#	95
65) N-Nitrosodiphenylamine	15.95	169	46746	1.87	ng/ul#	40
70) Phenanthrene	17.48	178	279858	6.20	ng/ul	96
72) Anthracene	17.48	178	280122	6.10	ng/ul	97
76) Di-n-butylphthalate	18.40	149	134796	2.56	ng/ul#	96
77) Fluoranthene	19.49	202	242833	5.05	ng/ul#	91
80) Pyrene	19.85	202	293937	6.49	ng/ul	100
83) Benzo(a)anthracene	21.70	228	102690	2.47	ng/ul#	77
84) Bis(2-ethylhexyl)phthalate	21.64	149	1586009	58.13	ng/ul	94
85) Chrysene	21.77	228	115608	2.96	ng/ul#	86
88) Benzo(b)fluoranthene	23.97	252	132813	3.20	ng/ul#	56
91) Benzo(a)pyrene	24.86	252	78688	1.99	ng/ul#	52

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01T9

Quant Time: Aug 10 02:22:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 02:20:20 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\BG080915\
Data File : BG018341.D
Acq On : 9 Aug 2015 22:56
Operator : UM/TP
Sample : G3136-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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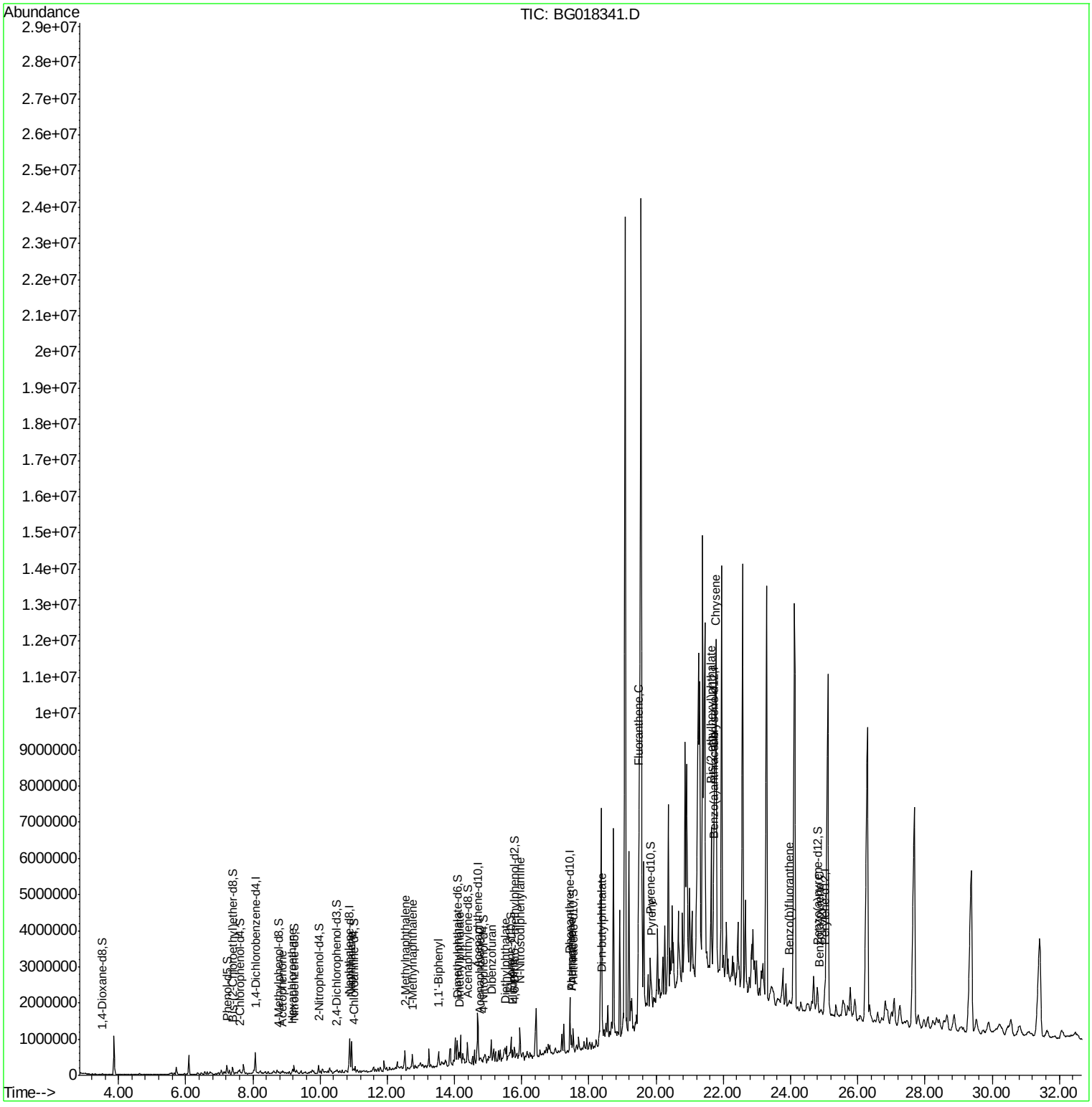
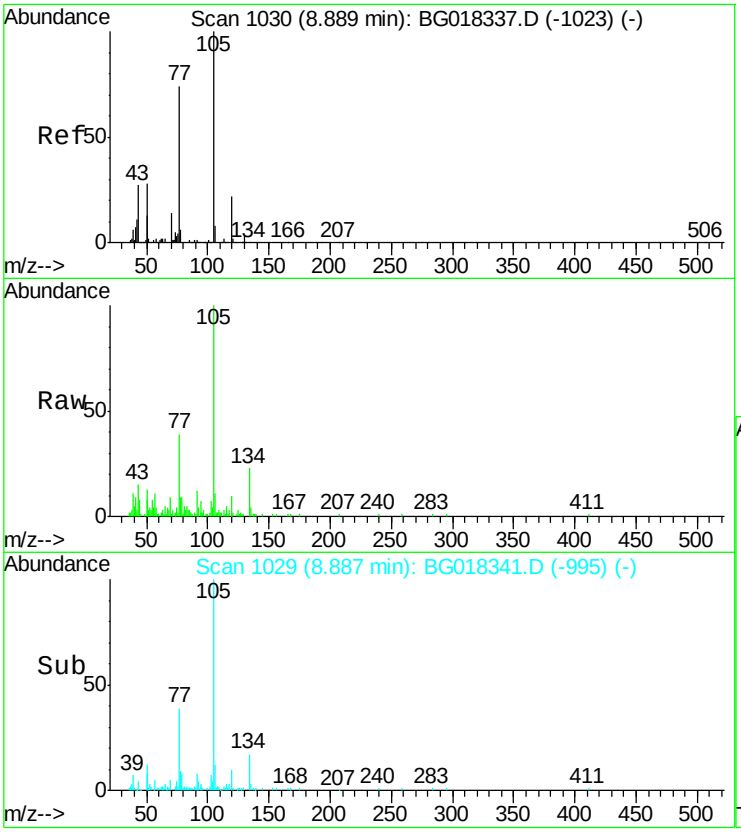
Quant Time: Aug 10 02:22:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 02:20:20 2015
Response via : Initial Calibration



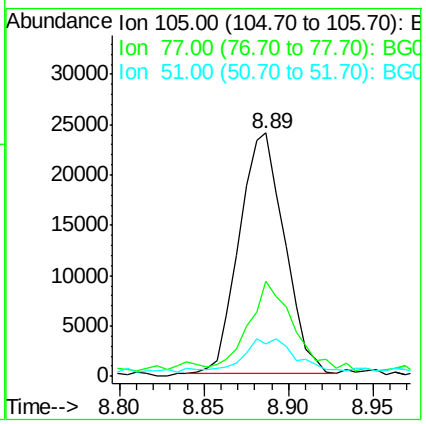


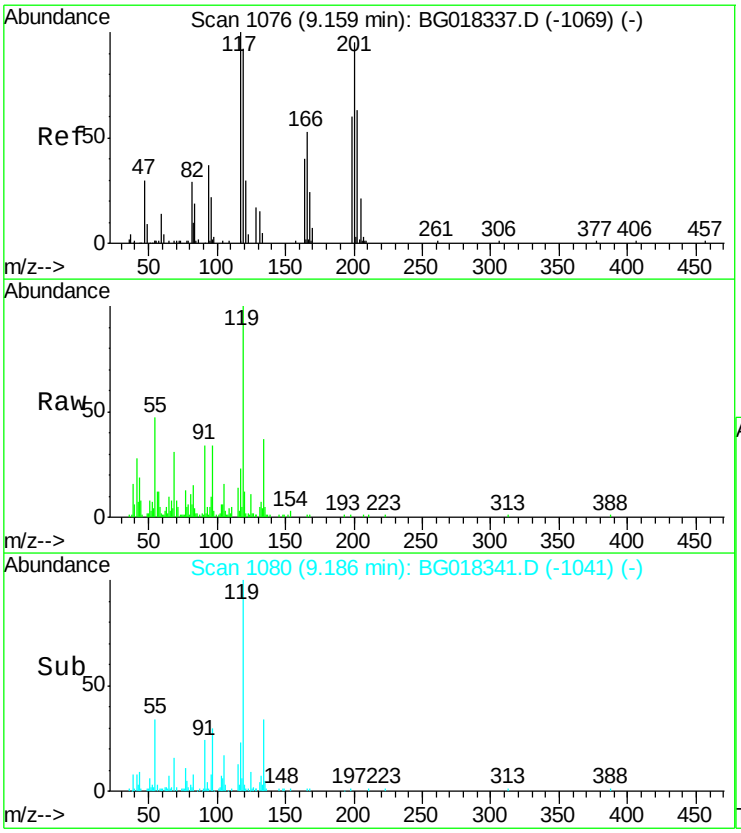
#14
Acetophenone
Concen: 2.50 ng/ul
RT: 8.89 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C01T9

Tgt Ion:105 Resp: 44640

Ion	Ratio	Lower	Upper
105	100		
77	39.3	61.7	92.5#
51	13.4	24.0	36.0#

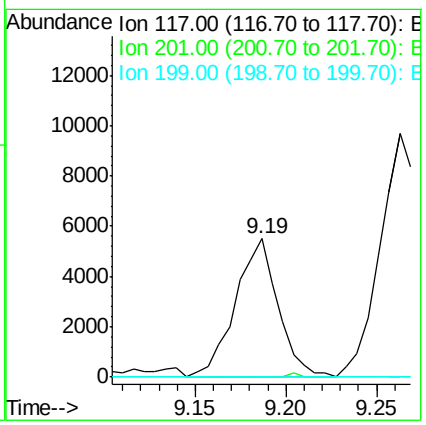


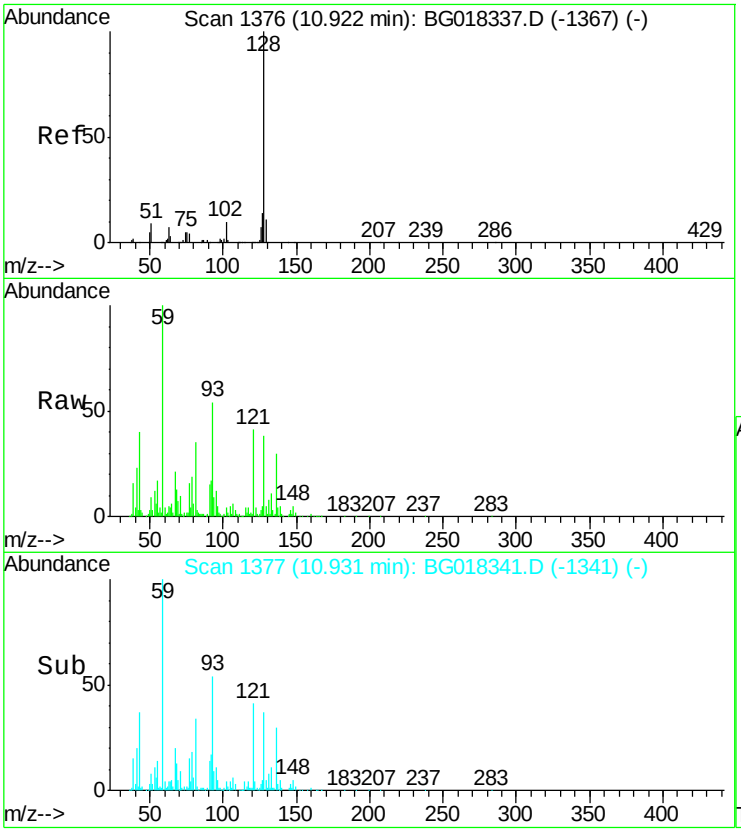


#17
Hexachloroethane
Concen: 1.82 ng/ul
RT: 9.19 min Scan# 1080
Delta R.T. 0.03 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Tgt Ion:117 Resp: 9015

Ion	Ratio	Lower	Upper
117	100		
201	0.0	70.4	105.6#
199	0.0	50.6	75.8#



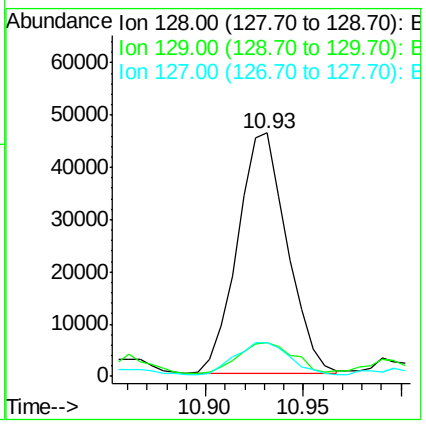


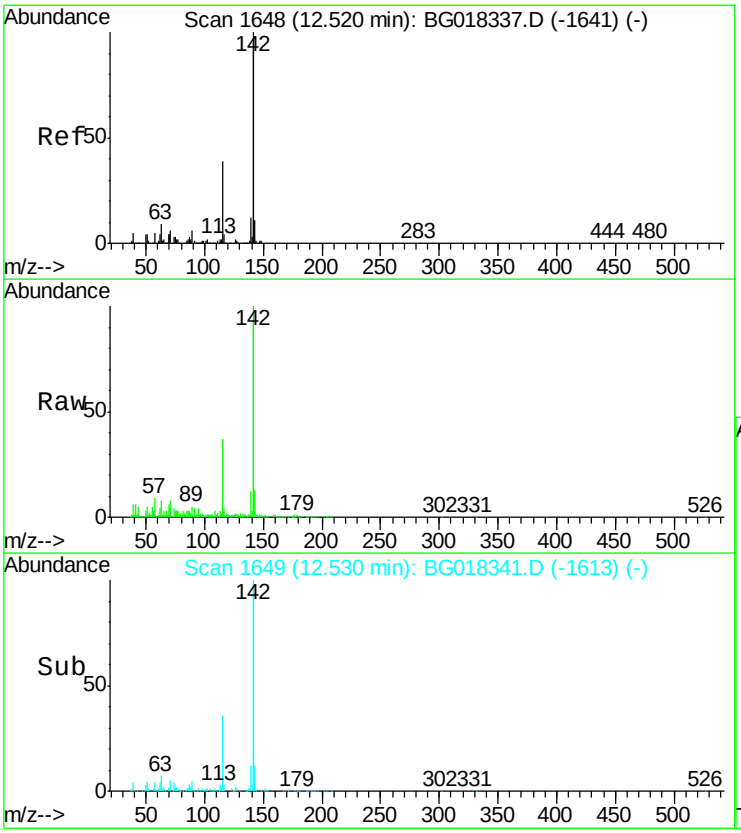
#28
Naphthalene
Concen: 2.12 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C01T9

Tgt Ion:128 Resp: 81299

Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.6	13.0#
127	14.0	10.8	16.2

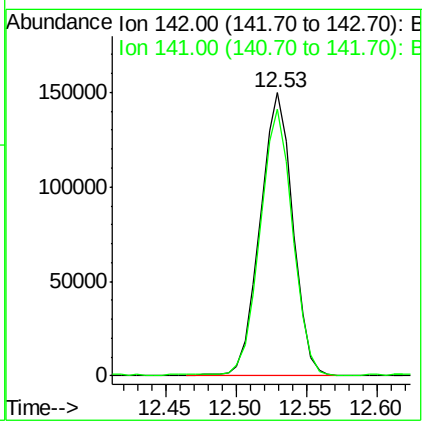


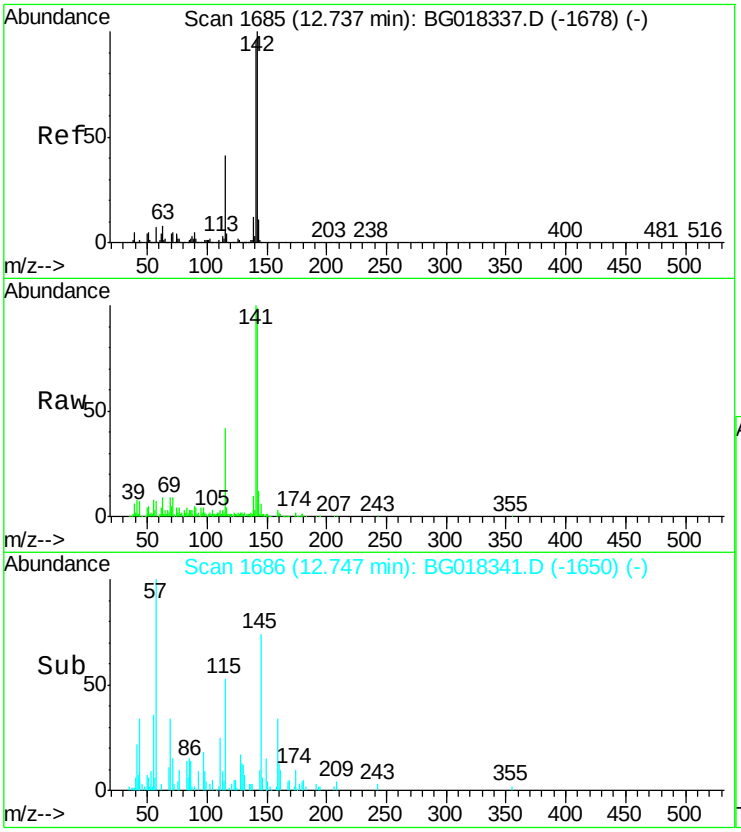


#34
2-Methylnaphthalene
Concen: 8.78 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.01 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Tgt Ion:142 Resp: 243522

Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.7	110.5



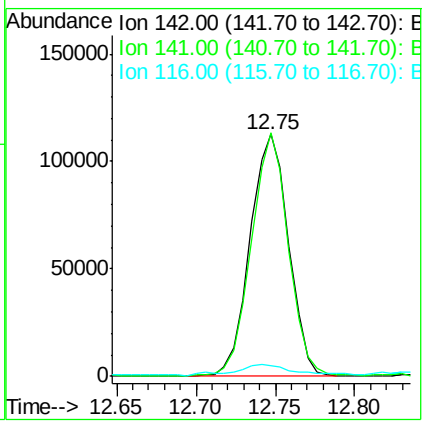


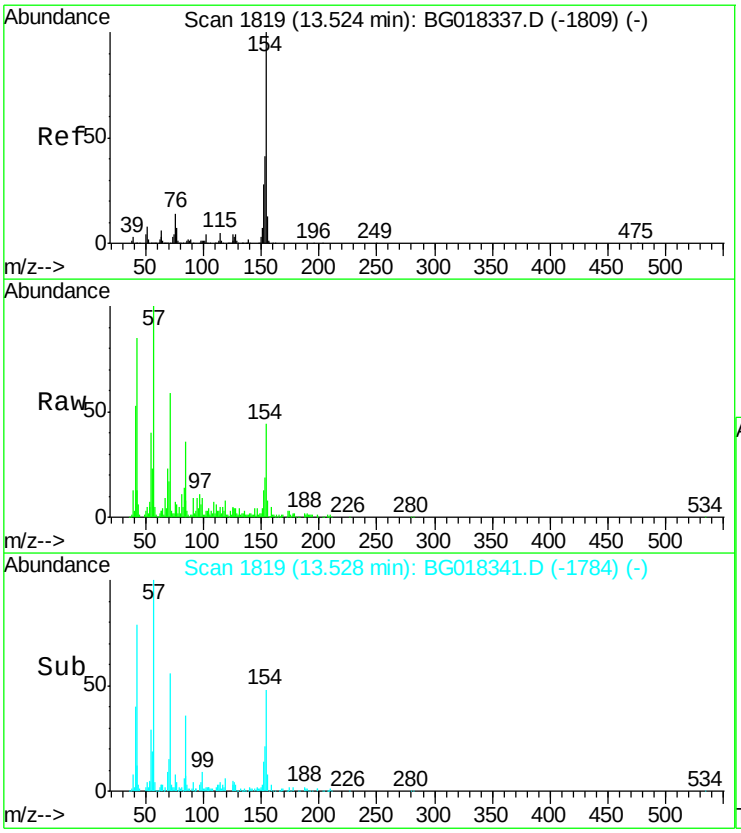
#35
1-Methylnaphthalene
Concen: 7.04 ng/ul
RT: 12.75 min Scan# 1686
Delta R.T. 0.01 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C01T9

Tgt Ion:142 Resp: 190013

Ion	Ratio	Lower	Upper
142	100		
141	100.6	76.2	114.2
116	4.5	3.3	4.9

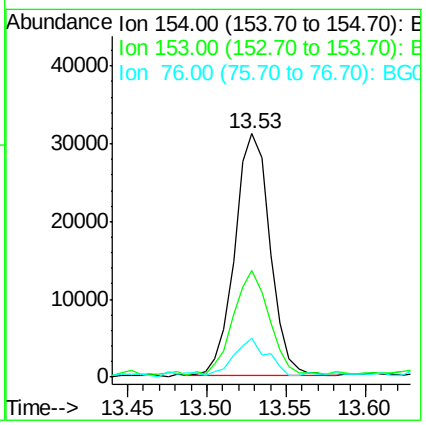


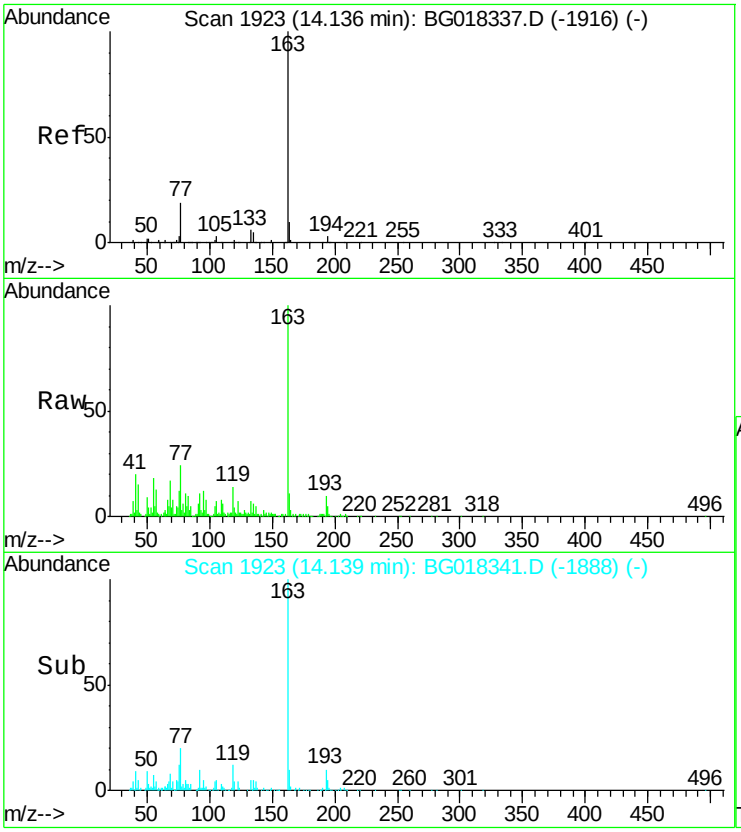


#41
1,1'-Biphenyl
Concen: 1.38 ng/ul
RT: 13.53 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Tgt Ion:154 Resp: 48175

Ion	Ratio	Lower	Upper
154	100		
153	43.8	34.4	51.6
76	16.0	11.2	16.8



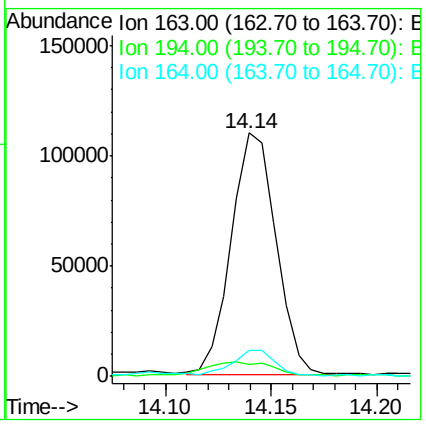


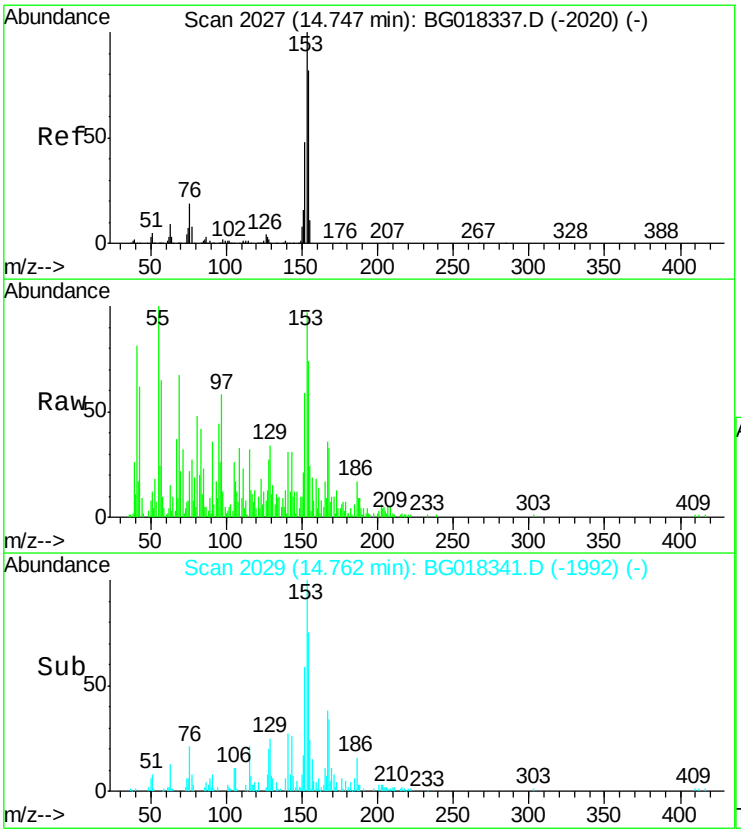
#45
Dimethylphthalate
Concen: 4.63 ng/ul
RT: 14.14 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C01T9

Tgt Ion:163 Resp: 160725

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.2	4.8#
164	10.9	8.0	12.0

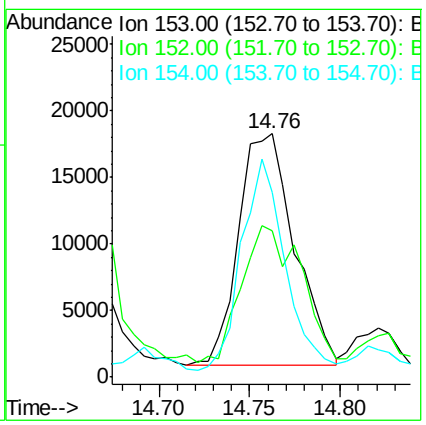


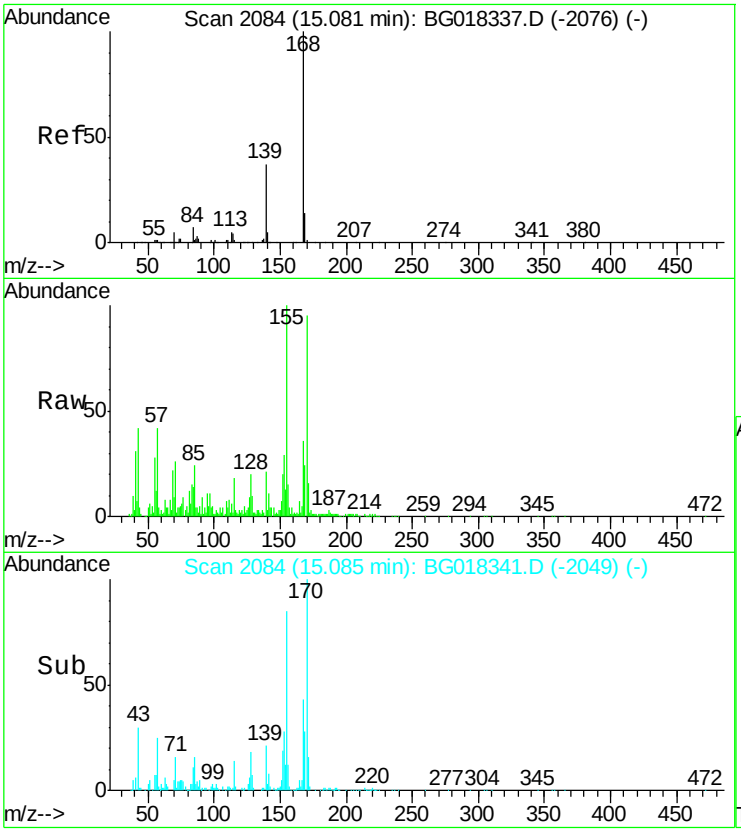


#50
Acenaphthene
Concen: 1.21 ng/ul
RT: 14.76 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Tgt Ion:153 Resp: 37518

Ion	Ratio	Lower	Upper
153	100		
152	60.3	36.7	55.1#
154	76.0	69.0	103.4



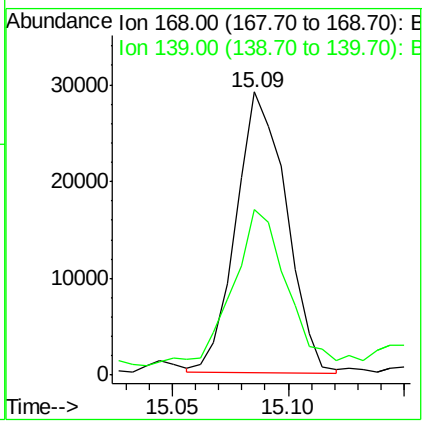


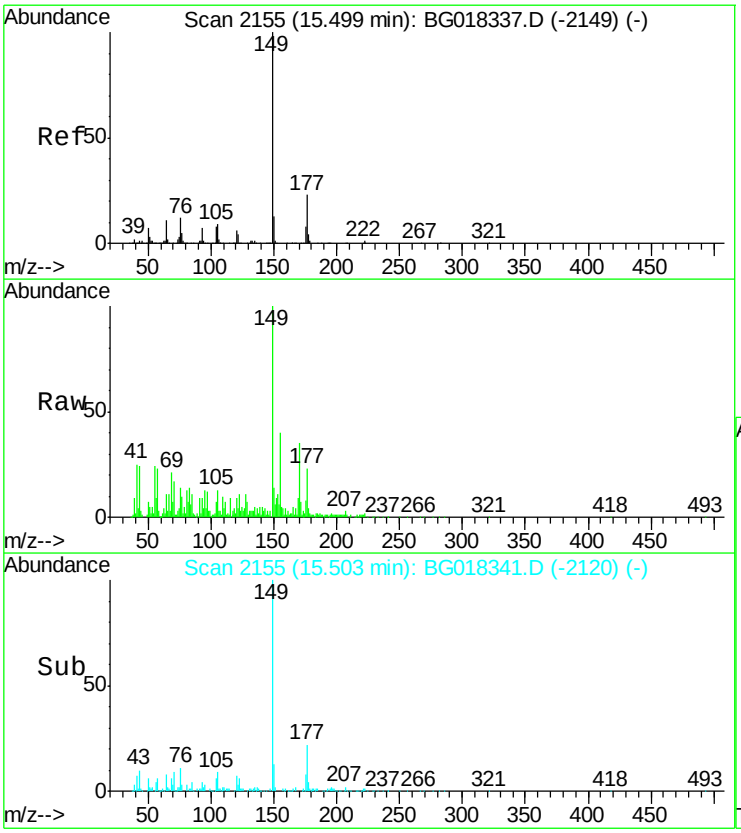
#54
Dibenzofuran
Concen: 1.08 ng/ul
RT: 15.09 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C01T9

Tgt Ion:168 Resp: 44004

Ion	Ratio	Lower	Upper
168	100		
139	58.7	31.4	47.0#

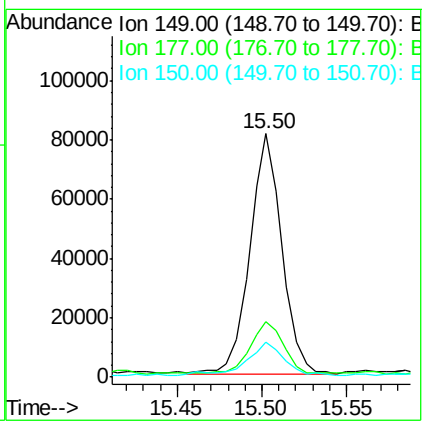


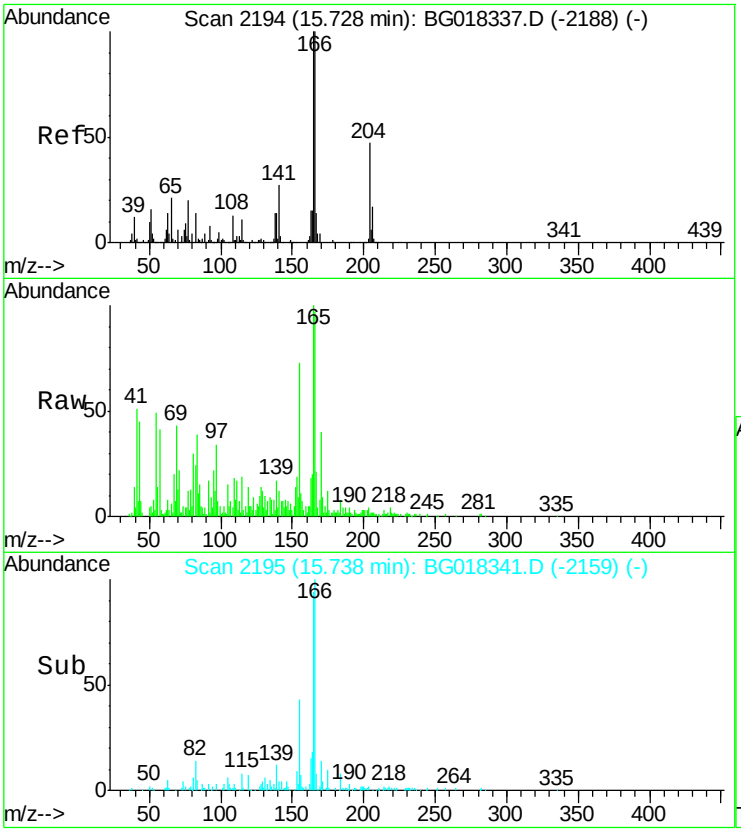


#57
Diethylphthalate
Concen: 2.87 ng/ul
RT: 15.50 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Tgt Ion:149 Resp: 105900

Ion	Ratio	Lower	Upper
149	100		
177	23.0	16.3	24.5
150	14.2	9.3	13.9#



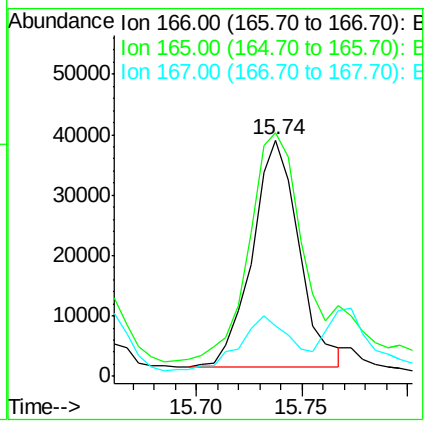


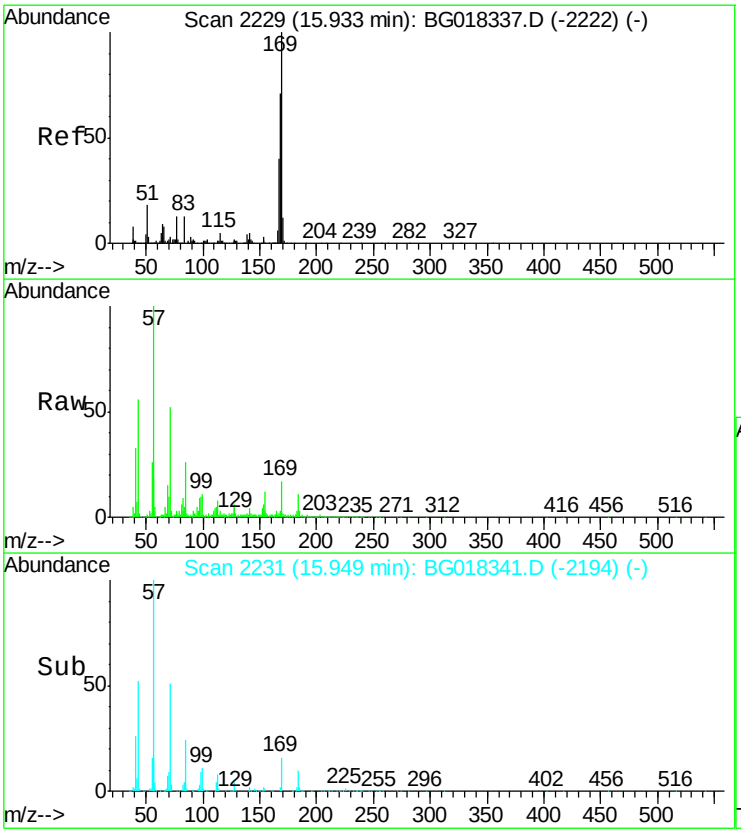
#59
Fluorene
Concen: 1.66 ng/ul
RT: 15.74 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C01T9

Tgt Ion:166 Resp: 58109

Ion	Ratio	Lower	Upper
166	100		
165	103.2	79.7	119.5
167	21.3	10.8	16.2#

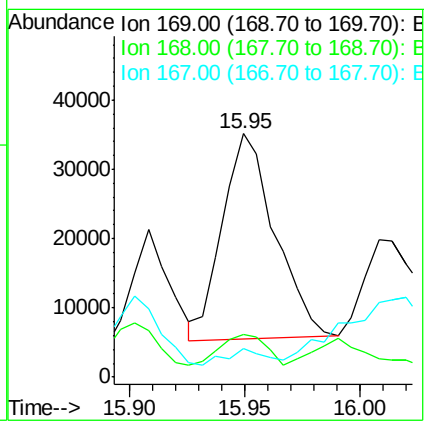


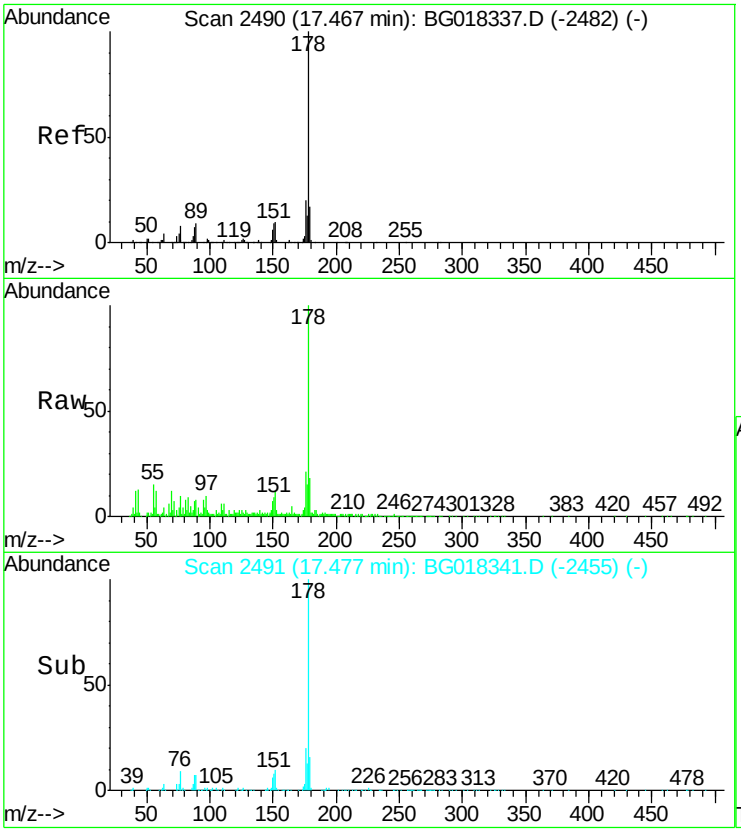


#65
N-Nitrosodiphenylamine
Concen: 1.87 ng/ul
RT: 15.95 min Scan# 2231
Delta R.T. 0.02 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Tgt Ion:169 Resp: 46746

Ion	Ratio	Lower	Upper
169	100		
168	17.5	60.5	90.7#
167	11.5	31.7	47.5#



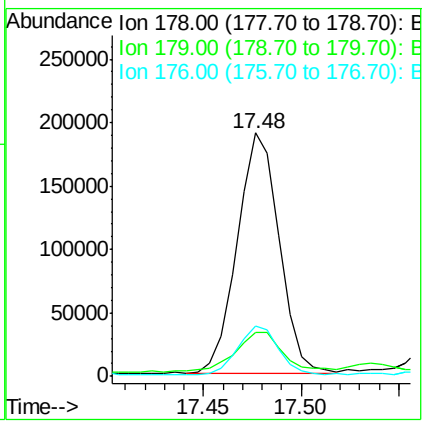


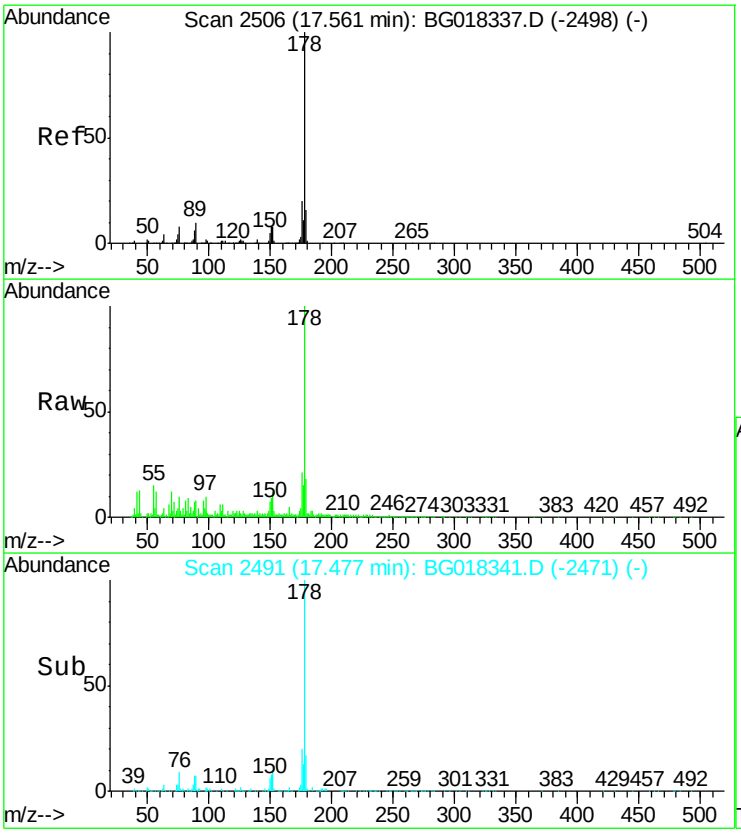
#70
Phenanthrene
Concen: 6.20 ng/ul
RT: 17.48 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C01T9

Tgt Ion:178 Resp: 279858

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.4	18.6
176	20.8	15.9	23.9

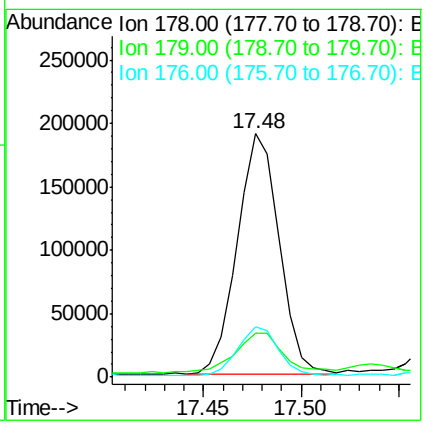


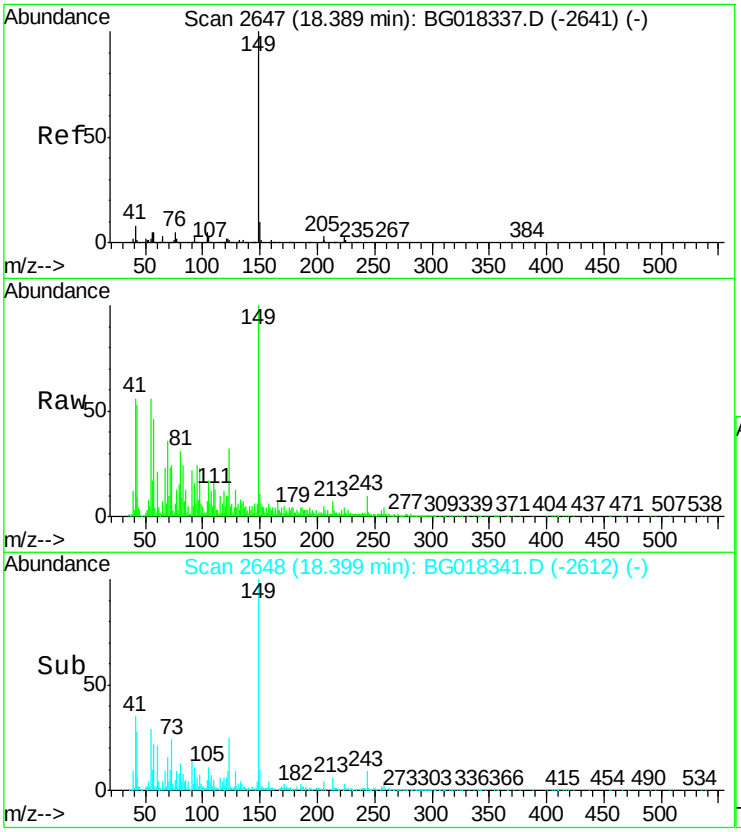


#72
Anthracene
Concen: 6.10 ng/ul
RT: 17.48 min Scan# 2491
Delta R.T. -0.08 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Tgt Ion:178 Resp: 280122

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.8	19.2
176	20.8	15.9	23.9



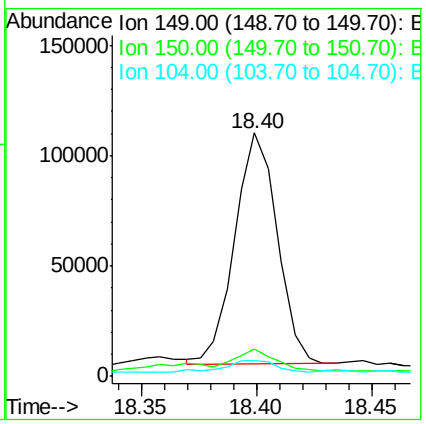


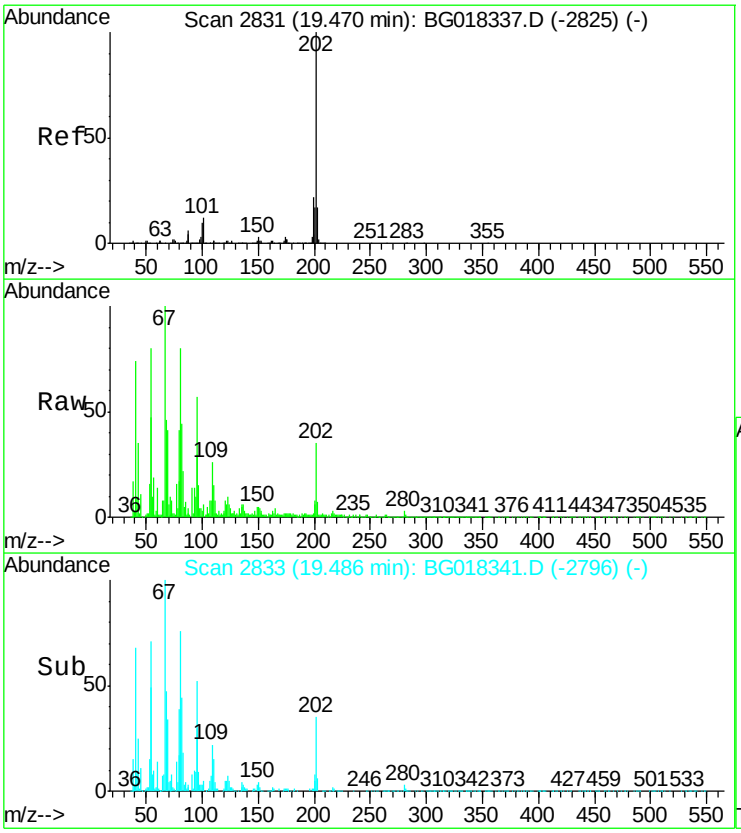
#76
Di-n-butylphthalate
Concen: 2.56 ng/ul
RT: 18.40 min Scan# 2648
Delta R.T. 0.01 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C01T9

Tgt Ion:149 Resp: 134796

Ion	Ratio	Lower	Upper
149	100		
150	11.3	7.4	11.2#
104	6.6	4.6	7.0

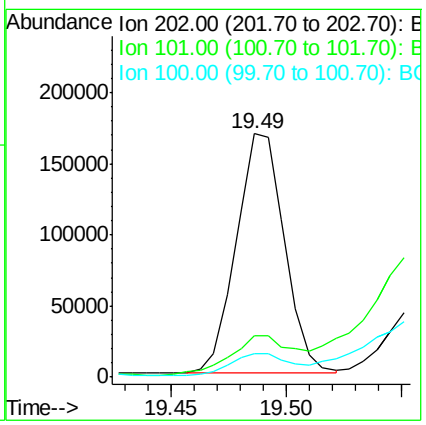


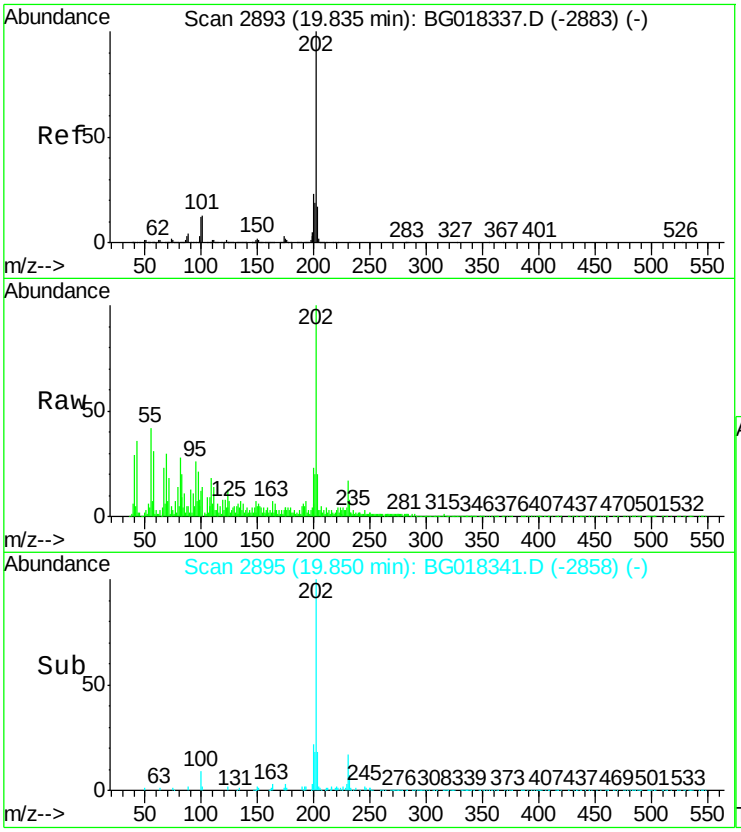


#77
Fluoranthene
Concen: 5.05 ng/ul
RT: 19.49 min Scan# 2833
Delta R.T. 0.02 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Tgt Ion:202 Resp: 242833

Ion	Ratio	Lower	Upper
202	100		
101	16.8	8.9	13.3#
100	9.7	8.5	12.7



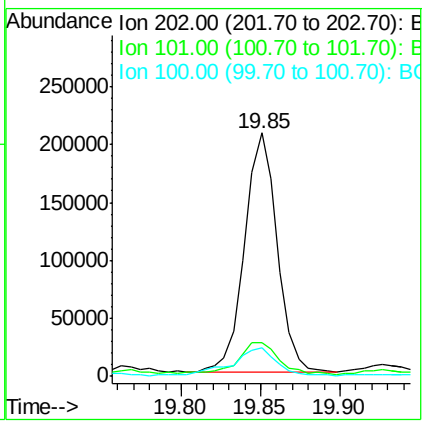


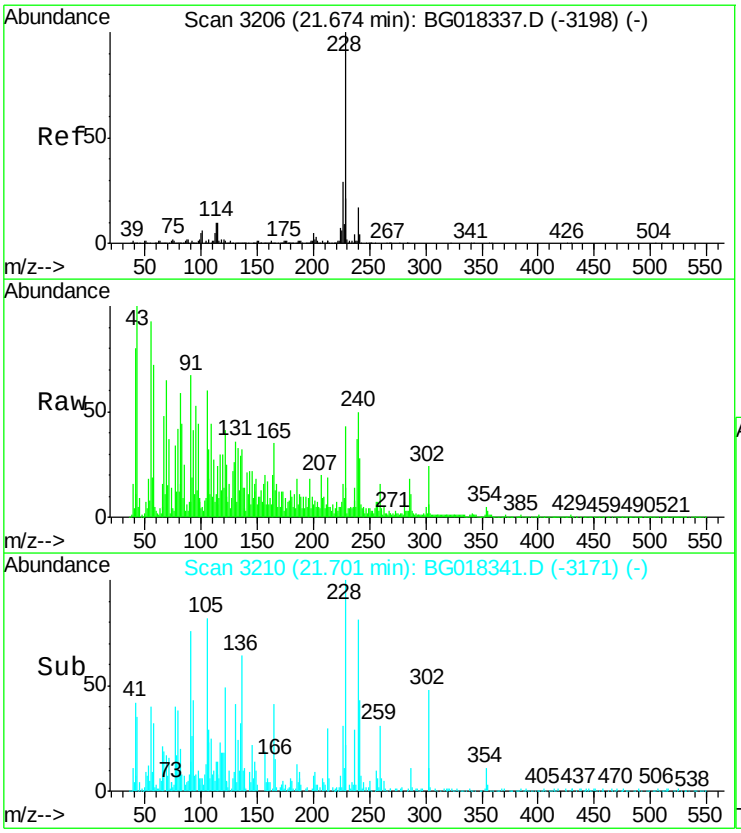
#80
Pyrene
Concen: 6.49 ng/ul
RT: 19.85 min Scan# 2895
Delta R.T. 0.02 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C01T9

Tgt Ion:202 Resp: 293937

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.3	16.9
100	11.8	9.6	14.4

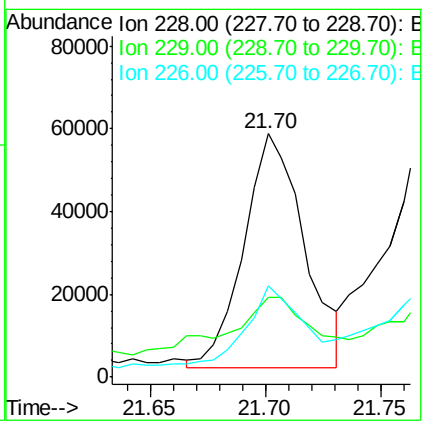


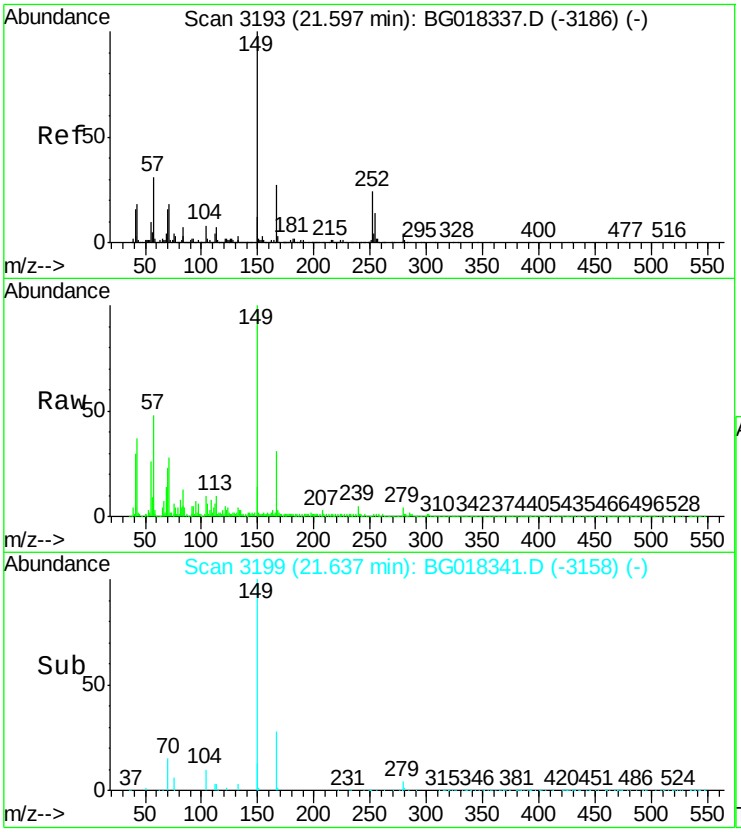


#83
Benzo(a)anthracene
Concen: 2.47 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. 0.03 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Tgt Ion:228 Resp: 102690

Ion	Ratio	Lower	Upper
228	100		
229	32.8	15.4	23.2#
226	37.3	22.3	33.5#



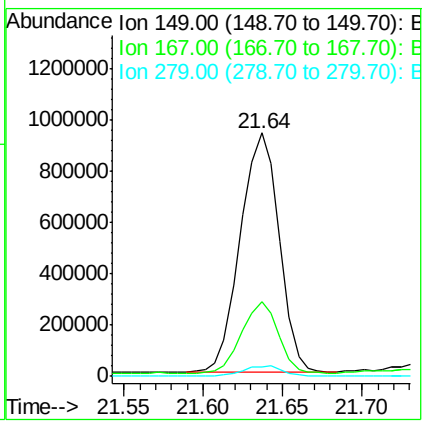


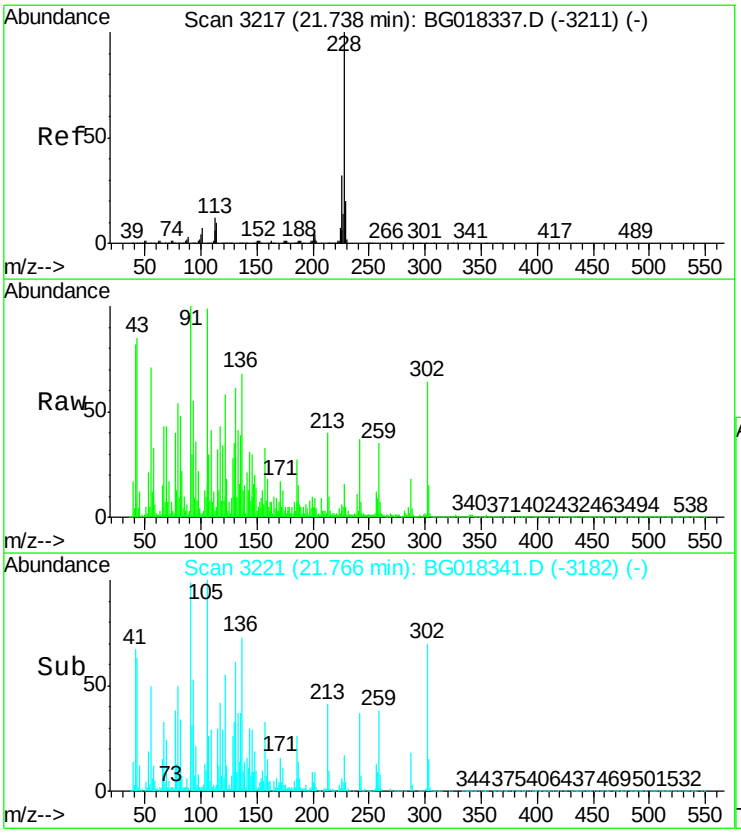
#84
Bis(2-ethylhexyl)phthalate
Concen: 58.13 ng/ul
RT: 21.64 min Scan# 3199
Delta R.T. 0.04 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C01T9

Tgt Ion:149 Resp: 1586009

Ion	Ratio	Lower	Upper
149	100		
167	30.7	21.8	32.6
279	4.0	2.8	4.2

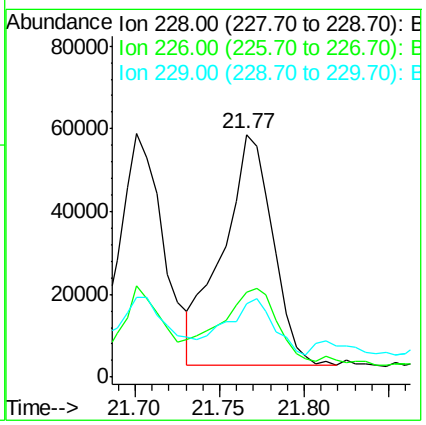


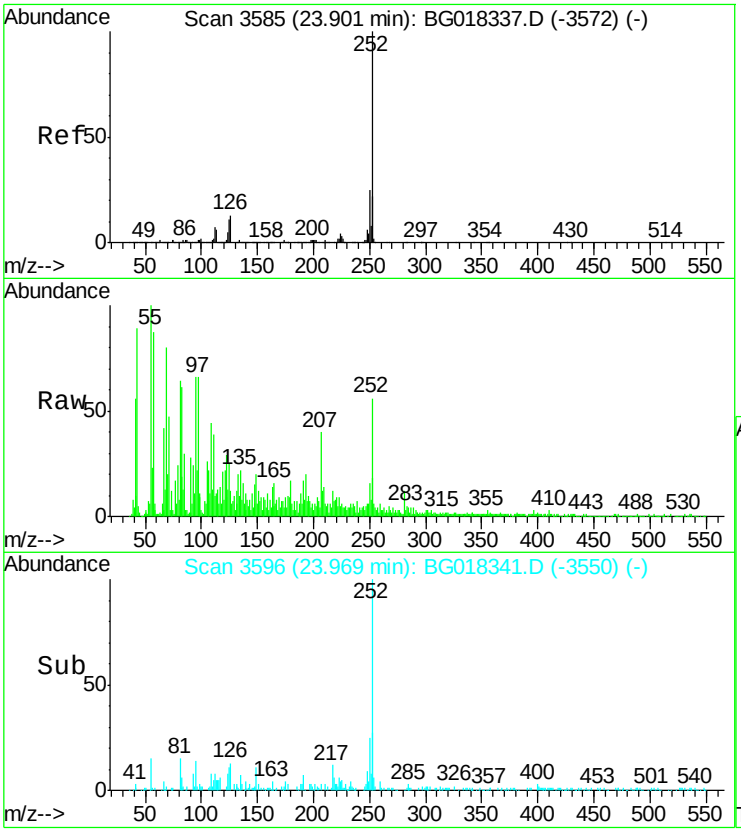


#85
Chrysene
Concen: 2.96 ng/ul
RT: 21.77 min Scan# 3221
Delta R.T. 0.03 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Tgt Ion:228 Resp: 115608

Ion	Ratio	Lower	Upper
228	100		
226	35.2	24.6	37.0
229	30.2	16.0	24.0#



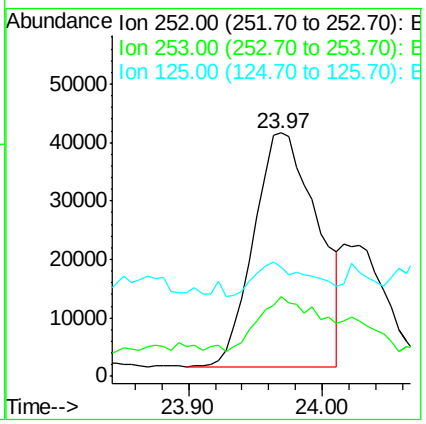


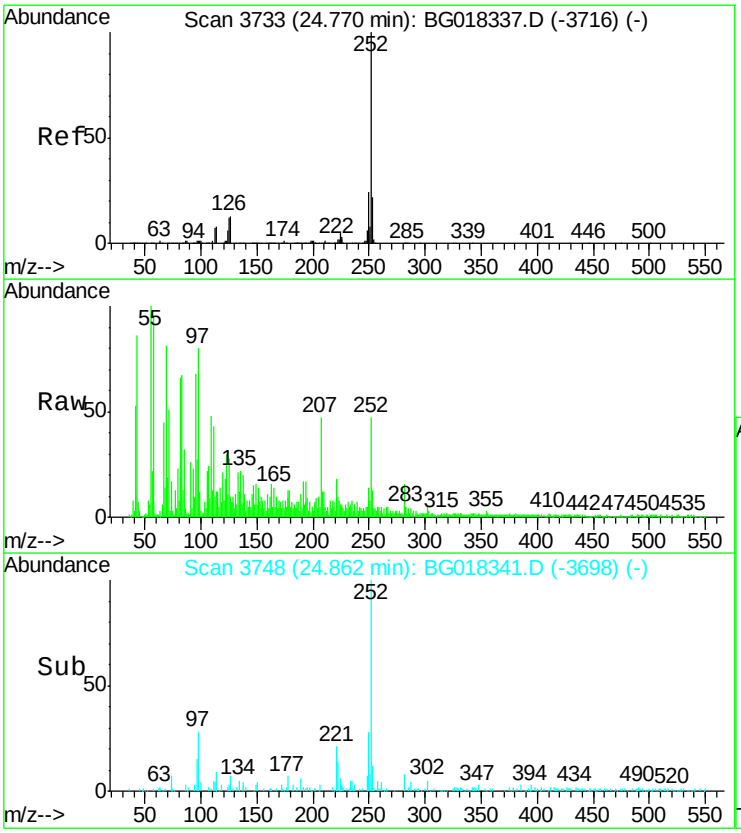
#88
Benzo(b)fluoranthene
Concen: 3.20 ng/ul
RT: 23.97 min Scan# 3596
Delta R.T. 0.07 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Instrument :
BNA_G
ClientSampleId :
C01T9

Tgt Ion:252 Resp: 132813

Ion	Ratio	Lower	Upper
252	100		
253	32.6	18.0	27.0#
125	45.0	8.6	12.8#





#91
Benzo(a)pyrene
Concen: 1.99 ng/ul
RT: 24.86 min Scan# 3748
Delta R.T. 0.09 min
Lab File: BG018341.D
Acq: 9 Aug 2015 22:56

Tgt Ion:252 Resp: 78688

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.6	27.8#
125	59.0	9.8	14.6#