Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018205.D
Acq On : 1 Aug 2015 5:48
Operator : TP/UM
Sample : G3065-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 01 07:12:17 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	60557	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	245202	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	129817	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.93	188	282901	20.00	ng/ul	0.02
78) Chrysene-d12	21.17	240	463916	20.00	ng/ul	0.05
86) Perylene-d12	23.36	264	414031	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	794	0.99	ng/uL	0.00
5) Phenol-d5	6.68	99	26765	4.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	18363	6.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	25121	6.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	12129	2.74	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	14646	7.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	16096	7.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	24785	6.33	ng/ul	0.01
29) 4-Chloroaniline-d4	10.41	131	1268	0.26	ng/ul	0.01
44) Dimethylphthalate-d6	13.57	166	78748	7.85	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	90350	7.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	8271	4.45	ng/ul	0.02
58) Fluorene-d10	15.16	176	67497	7.44	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.34	200	6205	3.14	ng/ul	0.05
71) Anthracene-d10	17.02	188	100931	8.20	ng/ul	0.02
79) Pyrene-d10	19.37	212	155567	6.93	ng/ul	0.05
90) Benzo(a)pyrene-d12	23.22	264	159700	7.63	ng/ul	0.07
Target Compounds						Qvalue
14) Acetophenone	8.30	105	12121	1.76	ng/ul#	74
28) Naphthalene	10.31	128	33323	2.82	ng/ul#	96
34) 2-Methylnaphthalene	11.94	142	17016	1.82	ng/ul	93
35) 1-Methylnaphthalene	12.17	142	12703	1.42	ng/ul#	93
45) Dimethylphthalate	13.62	163	19248	1.93	ng/ul#	90
46) 2,6-Dinitrotoluene	13.77	165	6340	2.77	ng/ul#	33
48) Acenaphthylene	13.89	152	15833	1.37	ng/ul#	35
49) 3-Nitroaniline	14.07	138	9498	4.71	ng/ul#	37
50) Acenaphthene	14.23	153	28695	3.81	ng/ul	95
53) 4-Nitrophenol	14.43	109	6816	3.64	ng/ul#	5
54) Dibenzofuran	14.56	168	19669	1.74	ng/ul#	39
59) Fluorene	15.22	166	40841	4.18	ng/ul#	79
60) 4-Chlorophenyl-phenylether	15.24	204	9558	1.81	ng/ul#	14
65) N-Nitrosodiphenylamine	15.45	169	34830	4.75	ng/ul#	46
70) Phenanthrene	16.97	178	364657	25.37	ng/ul#	91
72) Anthracene	17.06	178	87048	6.09	ng/ul#	68
75) Carbazole	17.34	167	24782	2.09	ng/ul#	11
76) Di-n-butylphthalate	17.92	149	22947	1.45	ng/ul#	33
77) Fluoranthene	19.03	202	789699	50.03	ng/ul	97
80) Pyrene	19.40	202	949925	33.76	ng/ul#	95
83) Benzo(a)anthracene	21.15	228	355569	14.23	ng/ul#	81
84) Bis(2-ethylhexyl)phthalate	21.08	149	164988	10.70	ng/ul#	64
85) Chrysene	21.20	228	444742	19.43	ng/ul#	81

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018205.D
Acq On : 1 Aug 2015 5:48
Operator : TP/UM
Sample : G3065-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 01 07:12:17 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
88) Benzo(b)fluoranthene	22.70	252	626510	25.19 ng/ul#	81
89) Benzo(k)fluoranthene	22.70	252	626510	27.41 ng/ul#	81
91) Benzo(a)pyrene	23.26	252	353118	15.87 ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	25.57	276	215571	8.37 ng/ul#	89
93) Dibenzo(a,h)anthracene	25.56	278	55087	2.50 ng/ul#	80
94) Benzo(g,h,i)perylene	26.24	276	198629	9.45 ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018205.D
Acq On : 1 Aug 2015 5:48
Operator : TP/UM
Sample : G3065-18
Misc :
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Instrument :
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ClientSampleId :

Quant Time: Aug 01 07:12:17 2015
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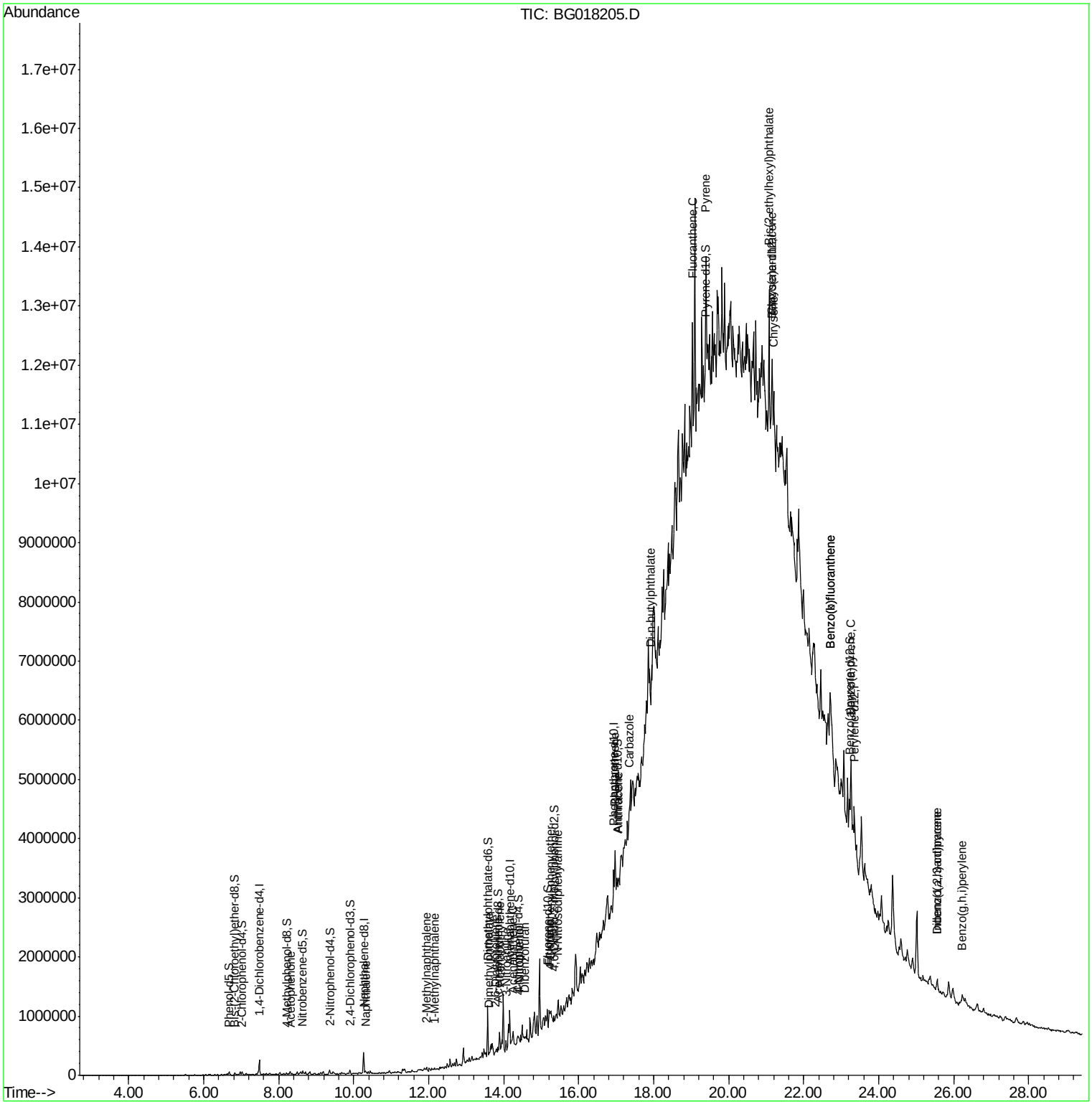
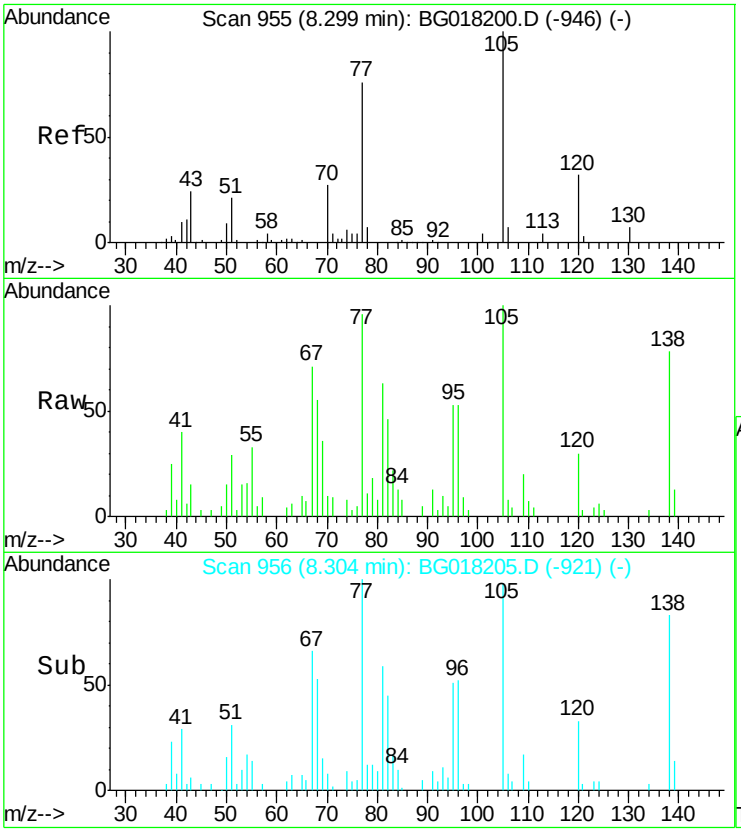
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration



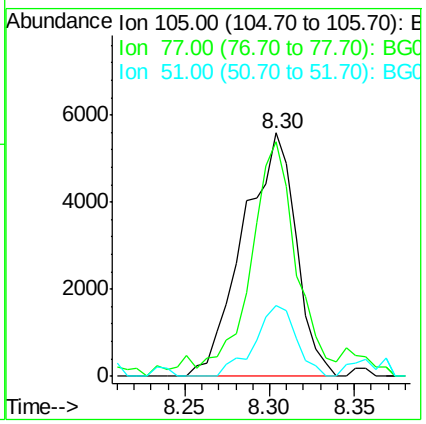


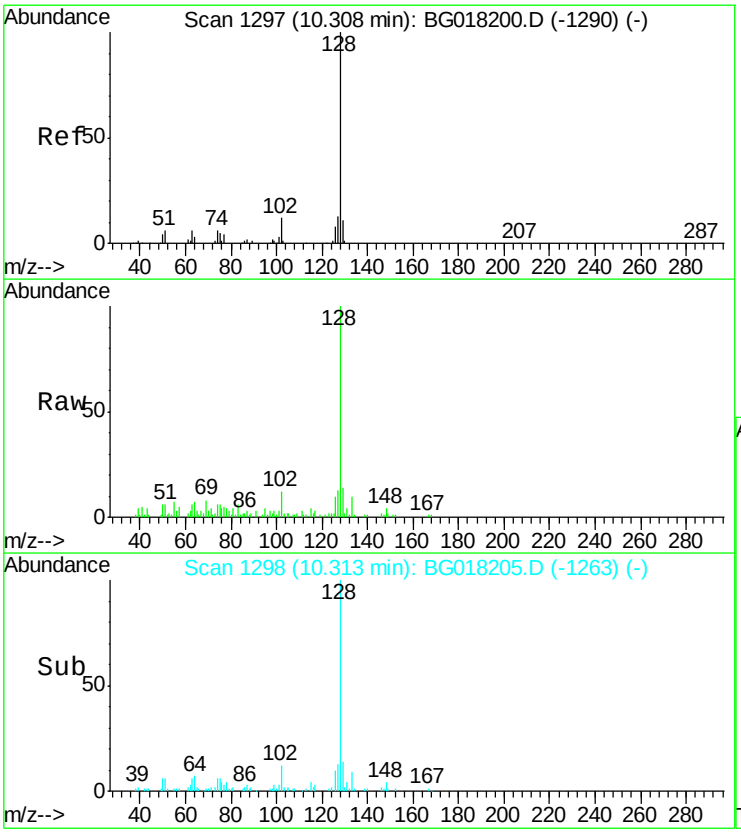
#14
Acetophenone
Concen: 1.76 ng/ul
RT: 8.30 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 12121

Ion	Ratio	Lower	Upper
105	100		
77	96.2	58.4	87.6#
51	29.2	16.5	24.7#

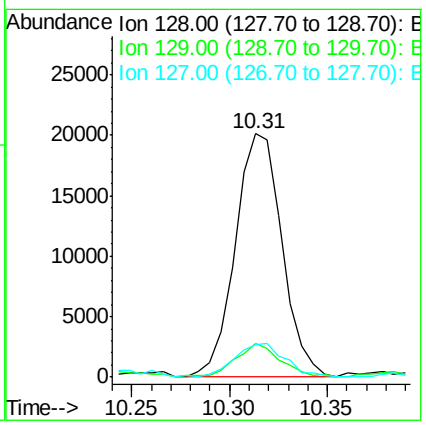


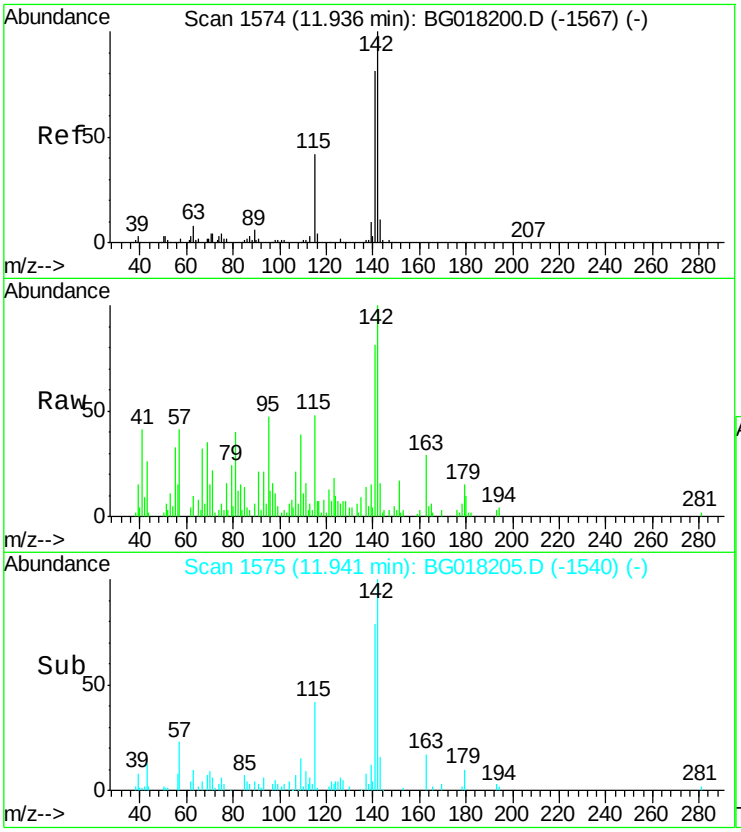


#28
Naphthalene
Concen: 2.82 ng/ul
RT: 10.31 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:128 Resp: 33323

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.1	13.7#
127	13.4	11.2	16.8



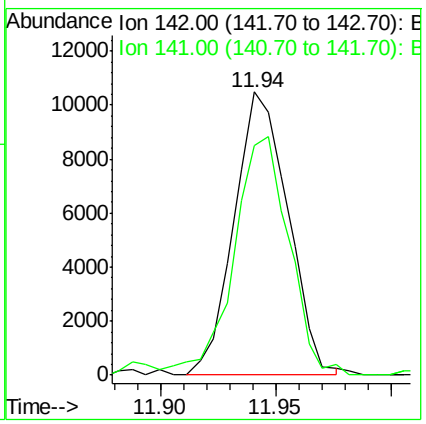


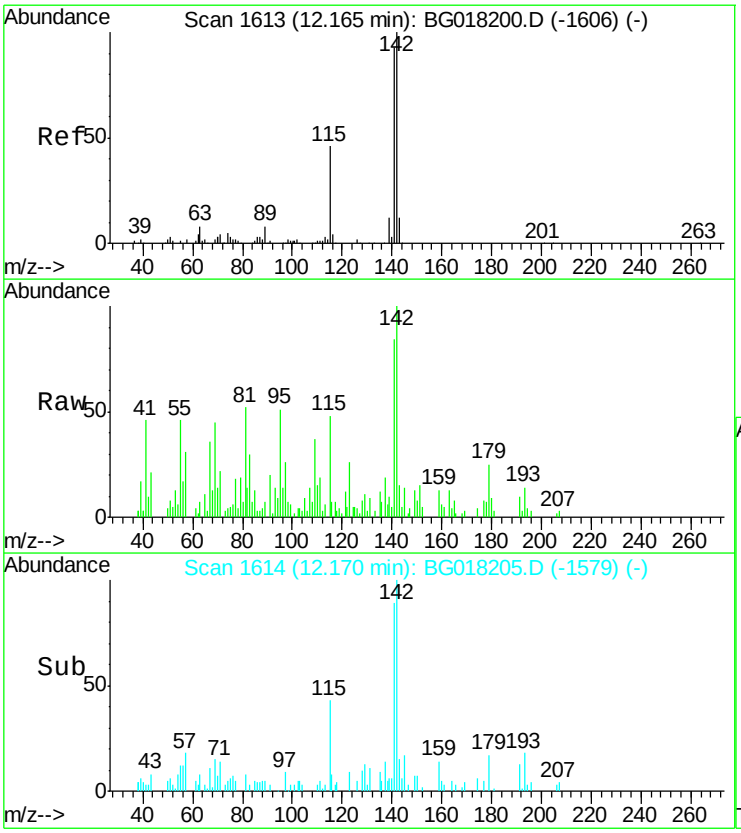
#34
2-Methylnaphthalene
Concen: 1.82 ng/ul
RT: 11.94 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 17016

Ion	Ratio	Lower	Upper
142	100		
141	81.0	70.3	105.5

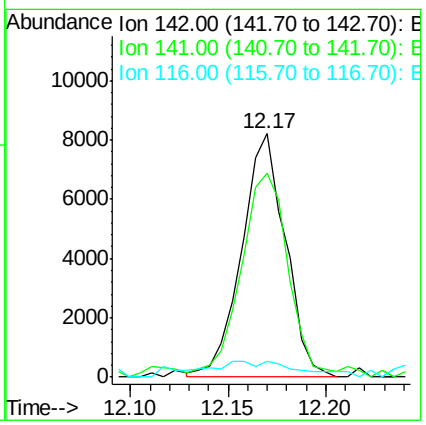


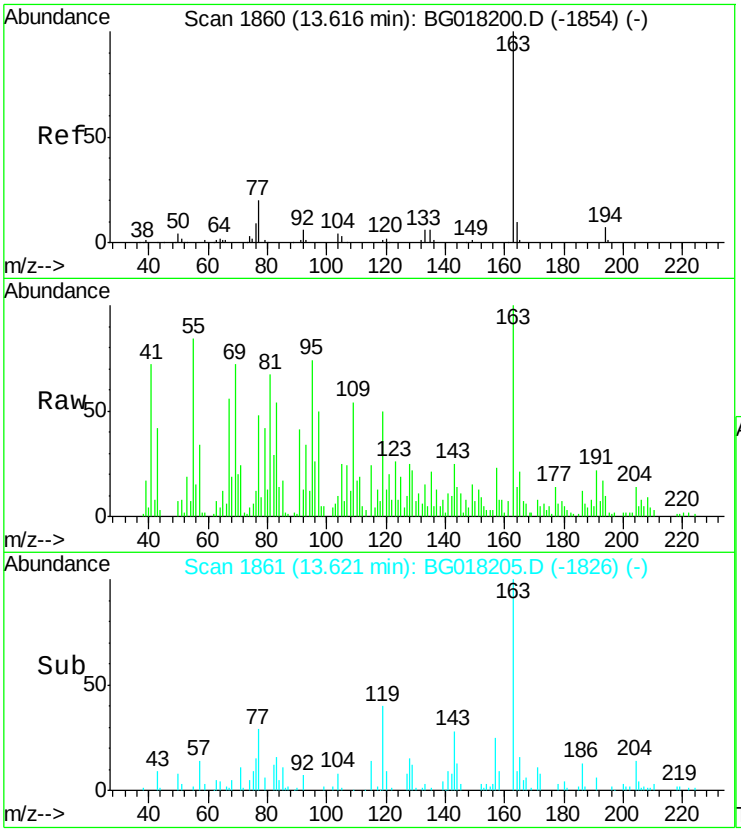


#35
1-Methylnaphthalene
Concen: 1.42 ng/ul
RT: 12.17 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:142 Resp: 12703

Ion	Ratio	Lower	Upper
142	100		
141	83.7	72.5	108.7
116	6.7	2.6	4.0#



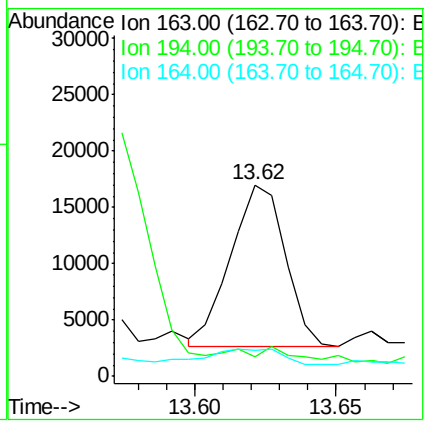


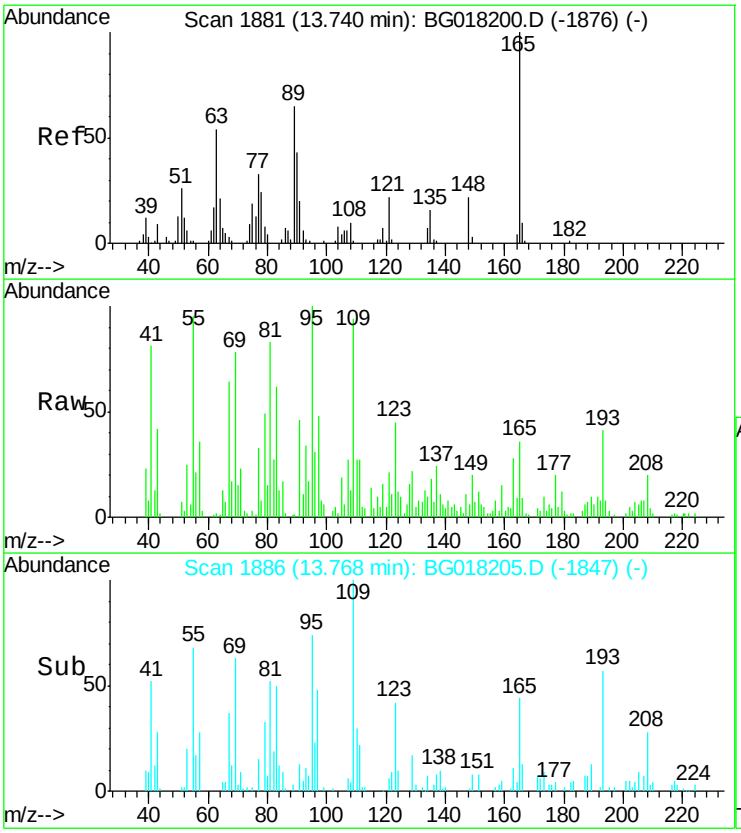
#45
Dimethylphthalate
Concen: 1.93 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 19248

Ion	Ratio	Lower	Upper
163	100		
194	10.4	5.2	7.8#
164	13.7	8.4	12.6#

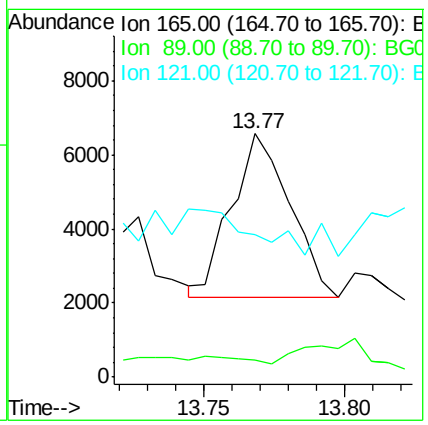


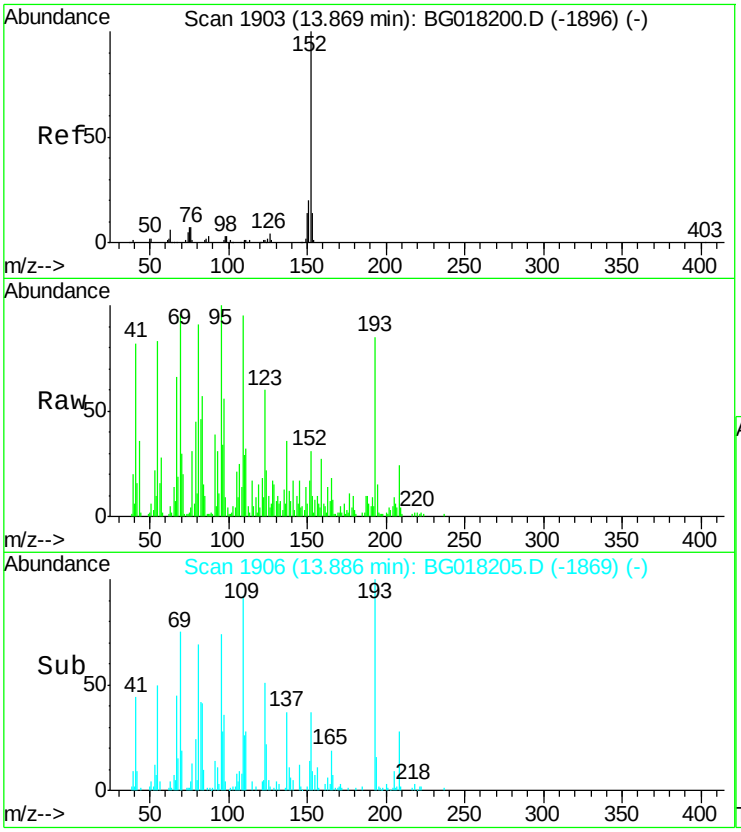


#46
2,6-Dinitrotoluene
Concen: 2.77 ng/ul
RT: 13.77 min Scan# 1886
Delta R.T. 0.03 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:165 Resp: 6340

Ion	Ratio	Lower	Upper
165	100		
89	6.8	35.4	53.2#
121	58.6	15.0	22.6#



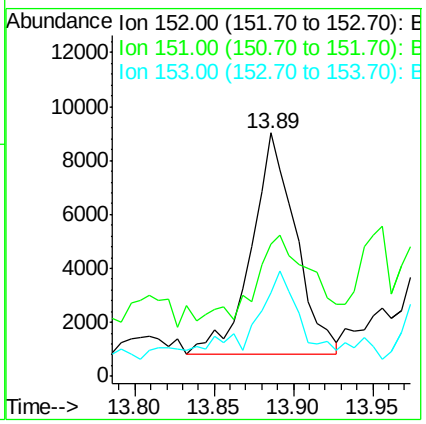


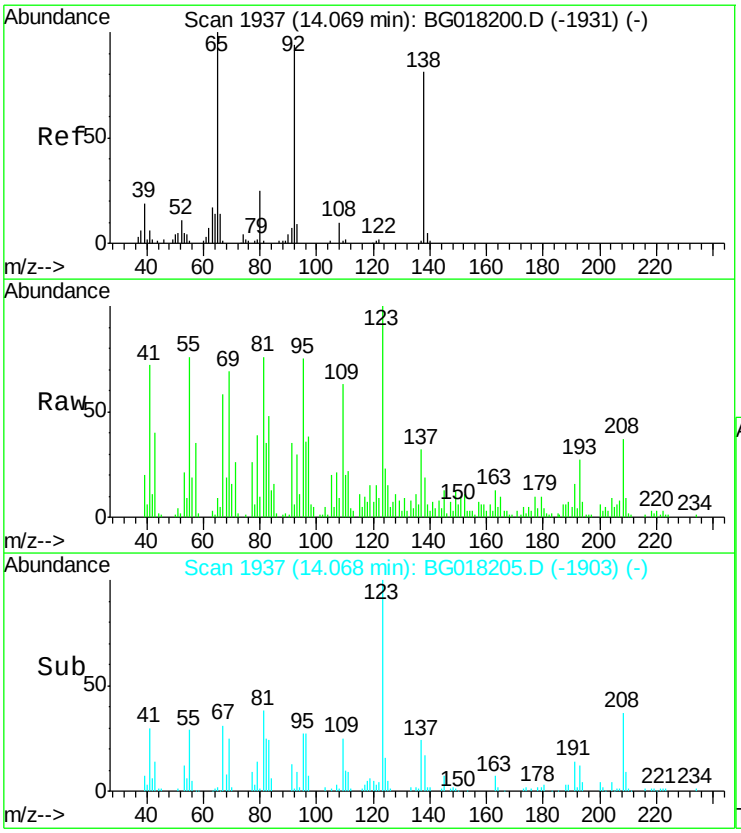
#48
Acenaphthylene
Concen: 1.37 ng/ul
RT: 13.89 min Scan# 1906
Delta R.T. 0.02 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 15833

Ion	Ratio	Lower	Upper
152	100		
151	54.1	16.0	24.0#
153	34.2	11.0	16.4#

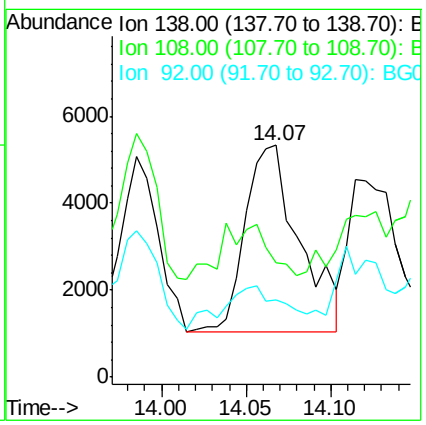


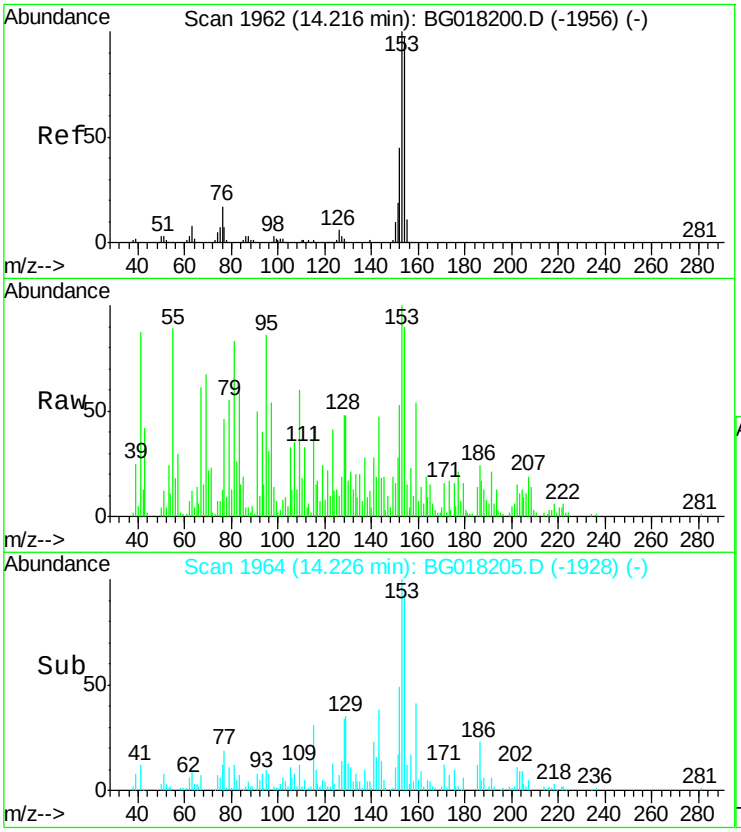


#49
3-Nitroaniline
Concen: 4.71 ng/ul
RT: 14.07 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:138 Resp: 9498

Ion	Ratio	Lower	Upper
138	100		
108	49.3	6.8	10.2#
92	33.4	70.2	105.2#



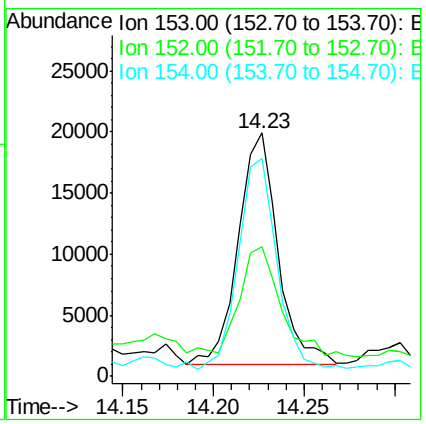


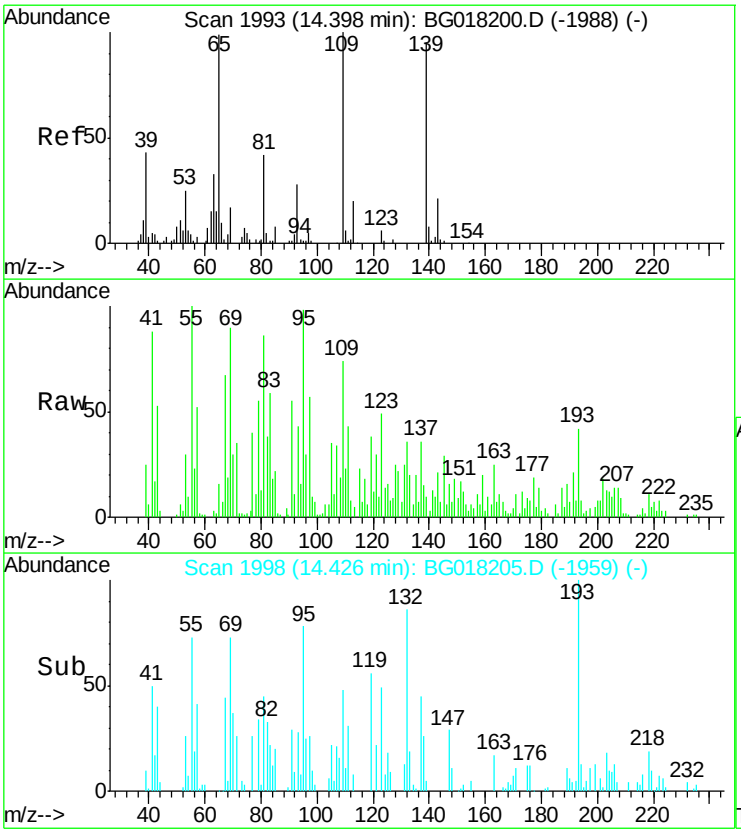
#50
Acenaphthene
Concen: 3.81 ng/ul
RT: 14.23 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 28695

Ion	Ratio	Lower	Upper
153	100		
152	53.4	38.7	58.1
154	89.7	74.8	112.2

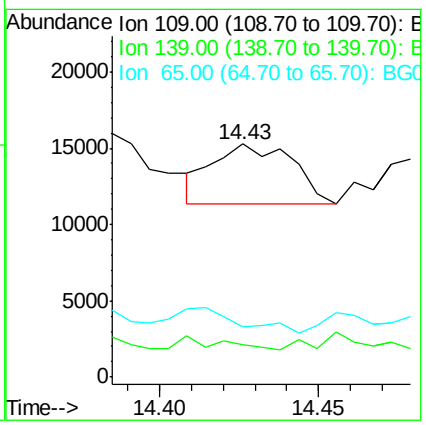


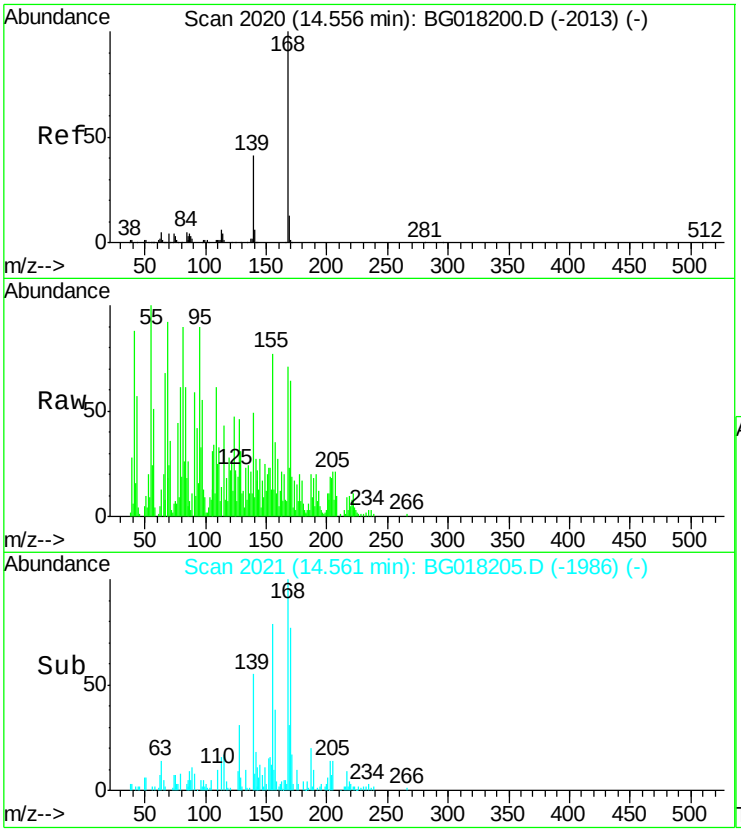


#53
4-Nitrophenol
Concen: 3.64 ng/ul
RT: 14.43 min Scan# 1998
Delta R.T. 0.03 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:109 Resp: 6816

Ion	Ratio	Lower	Upper
109	100		
139	13.8	115.1	172.7#
65	21.8	83.8	125.6#



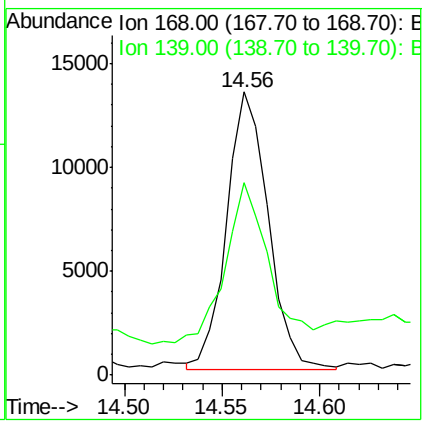


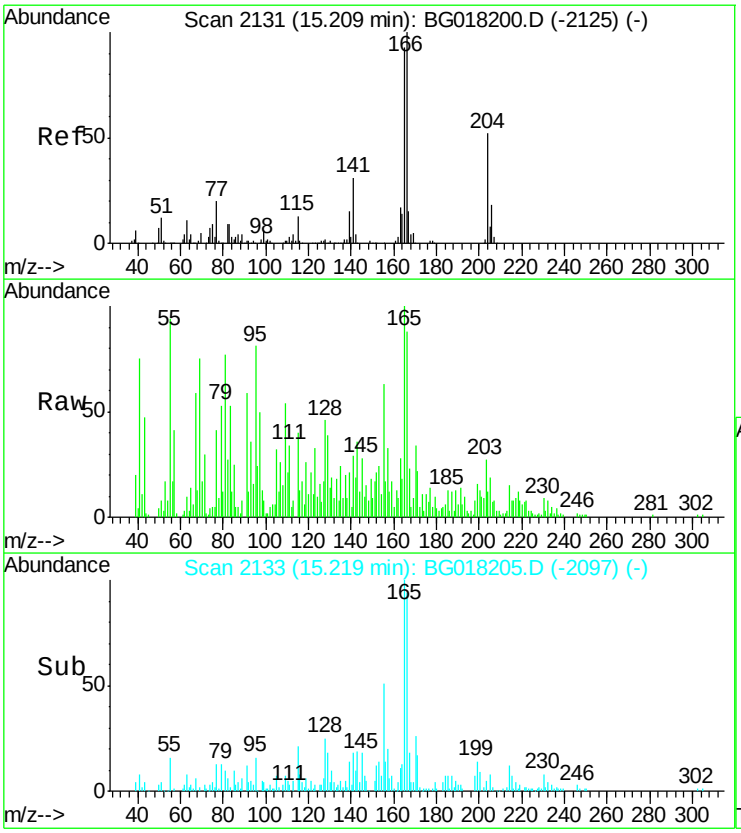
#54
Dibenzofuran
Concen: 1.74 ng/ul
RT: 14.56 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 19669

Ion	Ratio	Lower	Upper
168	100		
139	68.2	26.8	40.2#

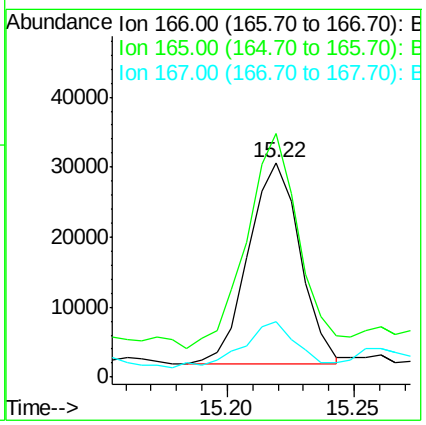


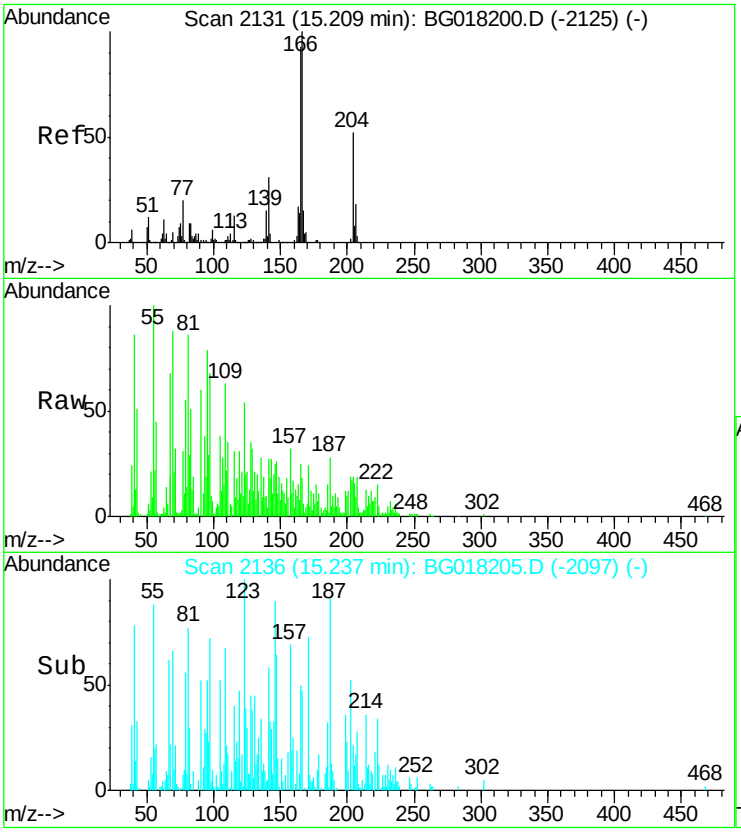


#59
Fluorene
Concen: 4.18 ng/ul
RT: 15.22 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:166 Resp: 40841

Ion	Ratio	Lower	Upper
166	100		
165	113.4	75.1	112.7#
167	25.6	11.8	17.6#



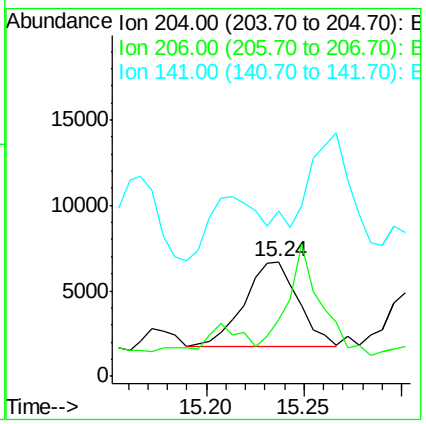


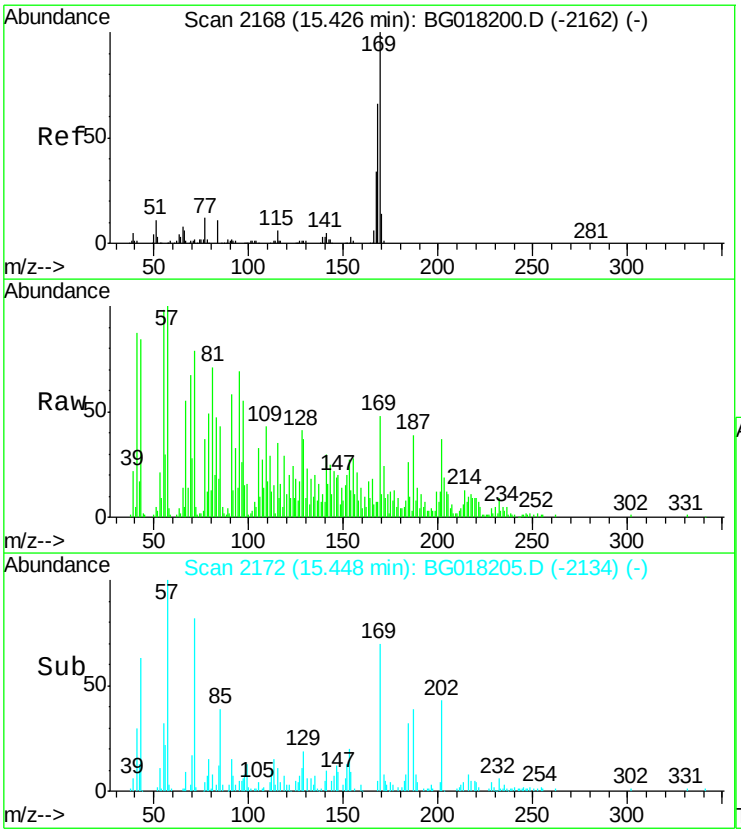
#60
4-Chlorophenyl-phenylether
Concen: 1.81 ng/ul
RT: 15.24 min Scan# 2136
Delta R.T. 0.03 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:204 Resp: 9558

Ion	Ratio	Lower	Upper
204	100		
206	49.2	28.6	43.0#
141	144.0	42.0	63.0#

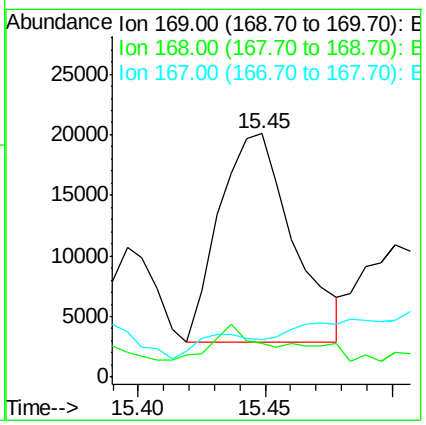


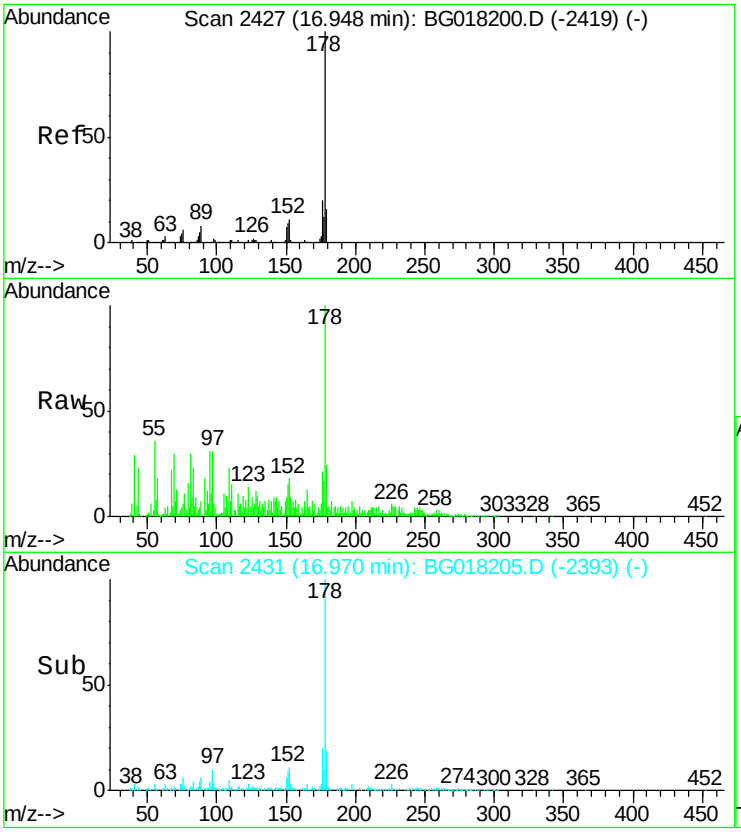


#65
N-Nitrosodiphenylamine
Concen: 4.75 ng/ul
RT: 15.45 min Scan# 2172
Delta R.T. 0.02 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:169 Resp: 34830

Ion	Ratio	Lower	Upper
169	100		
168	13.9	51.8	77.6#
167	15.4	27.7	41.5#



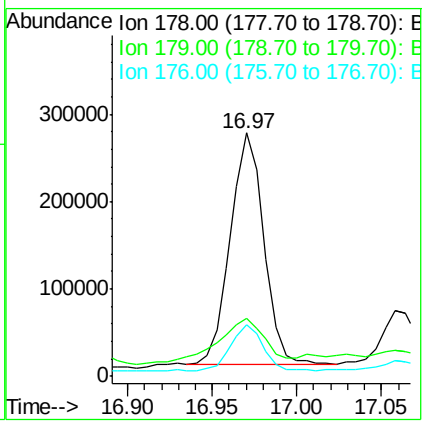


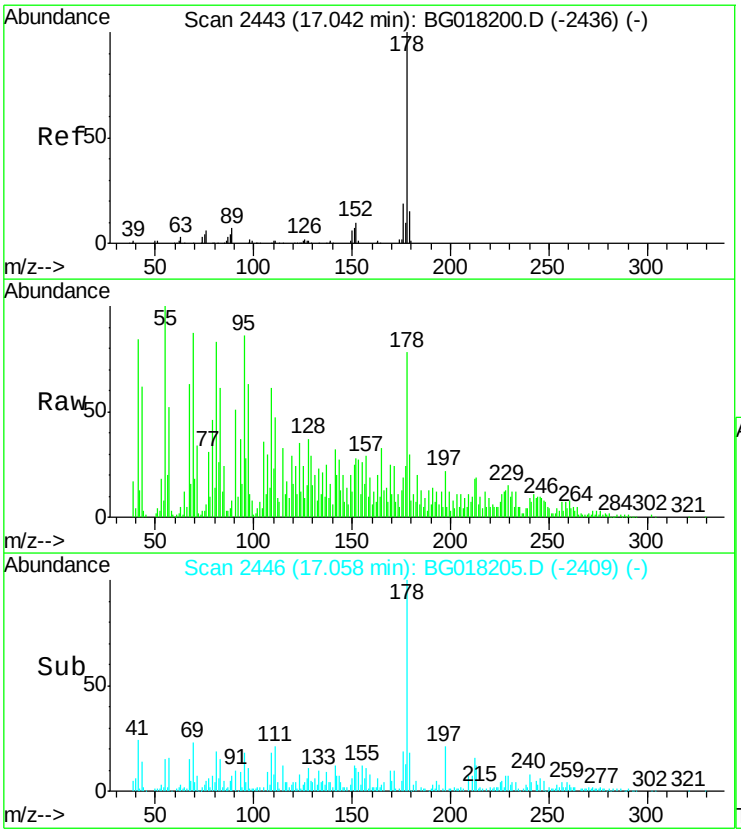
#70
Phenanthrene
Concen: 25.37 ng/ul
RT: 16.97 min Scan# 2431
Delta R.T. 0.02 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 364657

Ion	Ratio	Lower	Upper
178	100		
179	23.6	12.8	19.2#
176	21.1	16.0	24.0

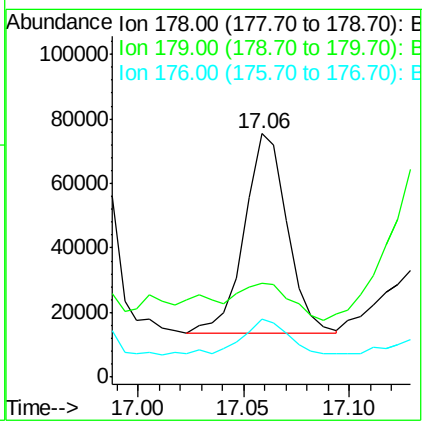


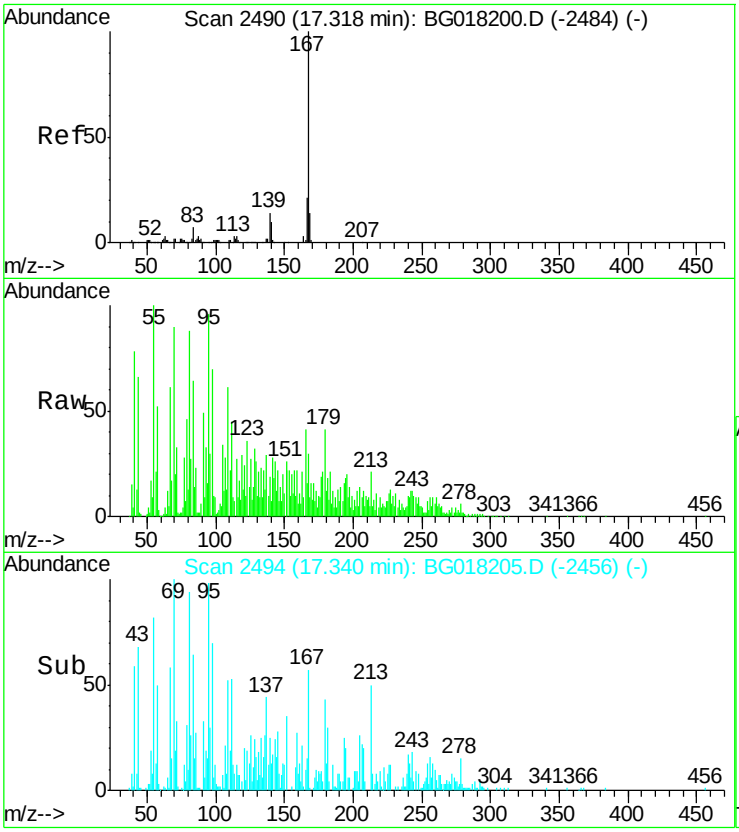


#72
Anthracene
Concen: 6.09 ng/ul
RT: 17.06 min Scan# 2446
Delta R.T. 0.02 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:178 Resp: 87048

Ion	Ratio	Lower	Upper
178	100		
179	38.8	12.2	18.2#
176	23.9	14.8	22.2#



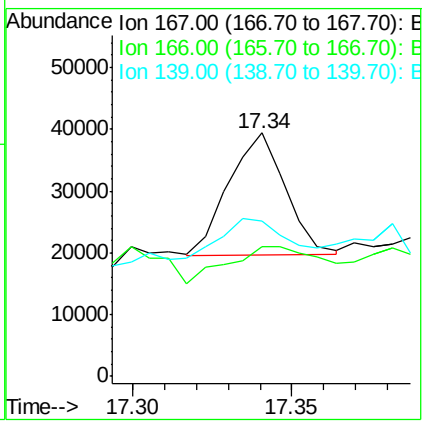


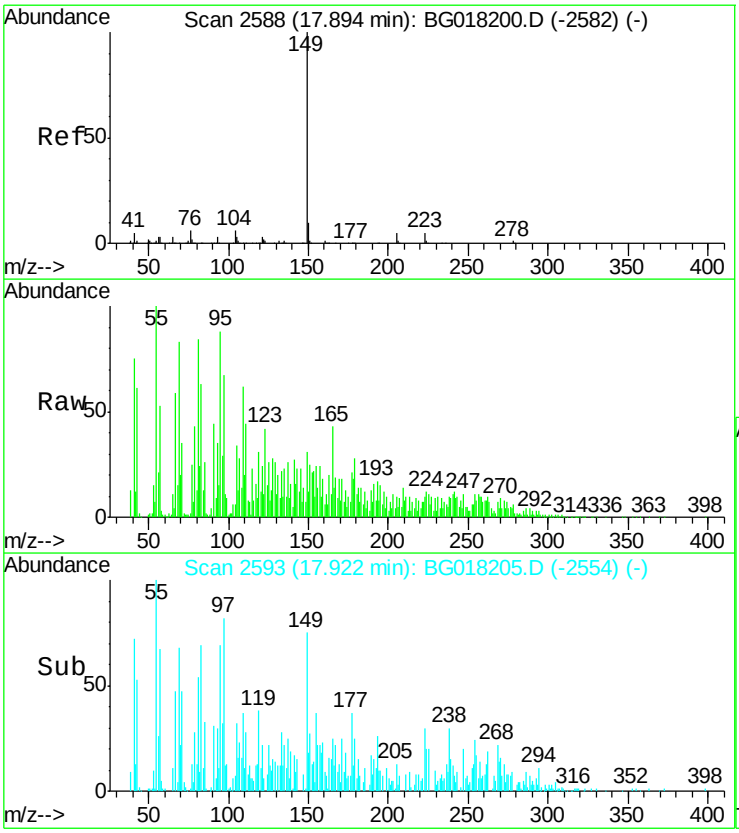
#75
Carbazole
Concen: 2.09 ng/ul
RT: 17.34 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 24782

Ion	Ratio	Lower	Upper
167	100		
166	53.4	17.5	26.3#
139	63.7	10.1	15.1#

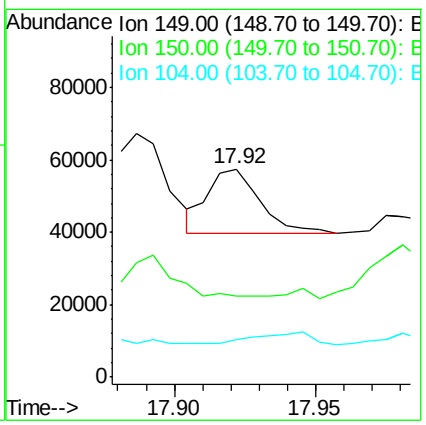


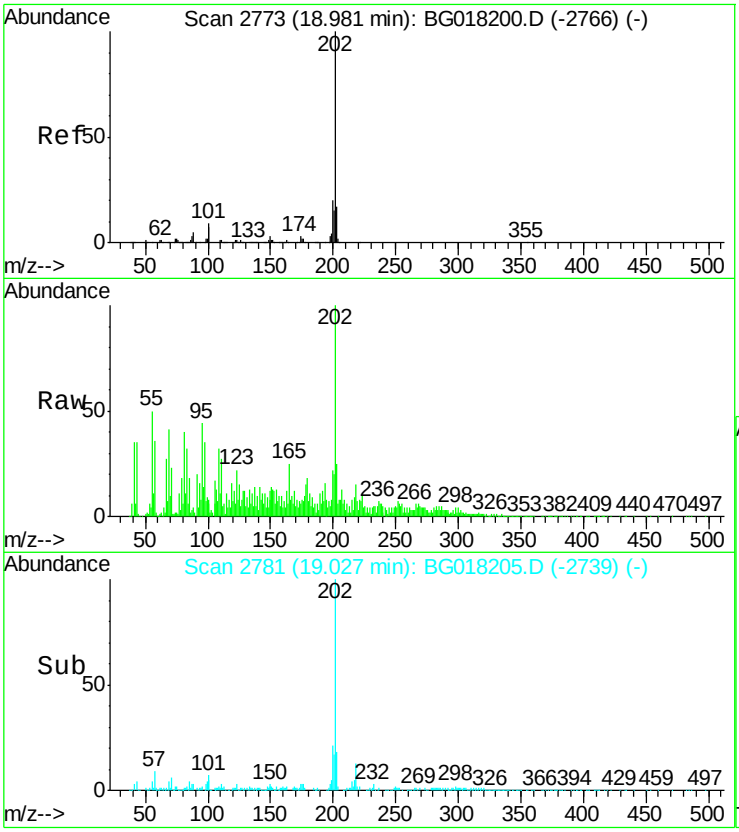


#76
Di-n-butylphthalate
Concen: 1.45 ng/ul
RT: 17.92 min Scan# 2593
Delta R.T. 0.03 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:149 Resp: 22947

Ion	Ratio	Lower	Upper
149	100		
150	38.8	7.7	11.5#
104	18.1	3.6	5.4#



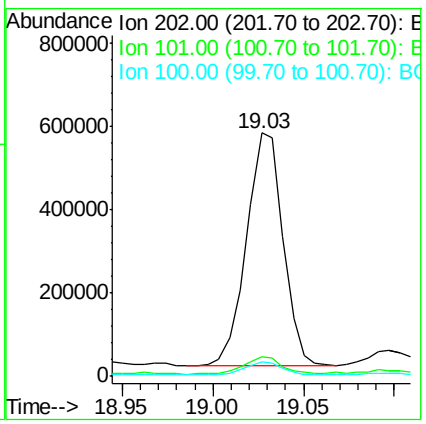


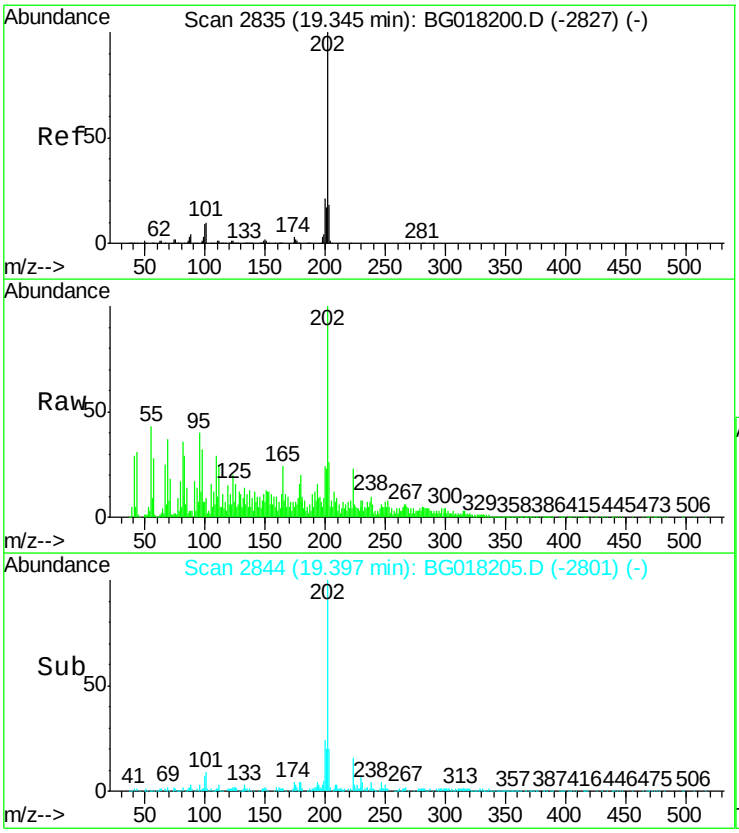
#77
Fluoranthene
Concen: 50.03 ng/ul
RT: 19.03 min Scan# 2781
Delta R.T. 0.05 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 789699

Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.5	11.3
100	6.0	5.5	8.3

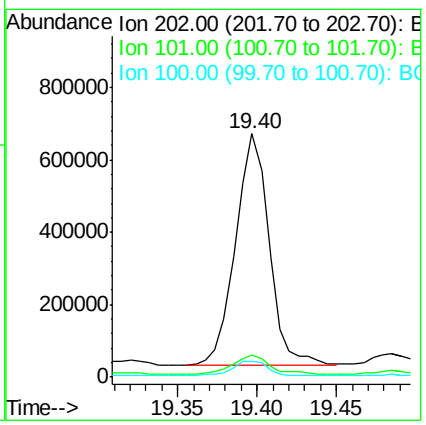


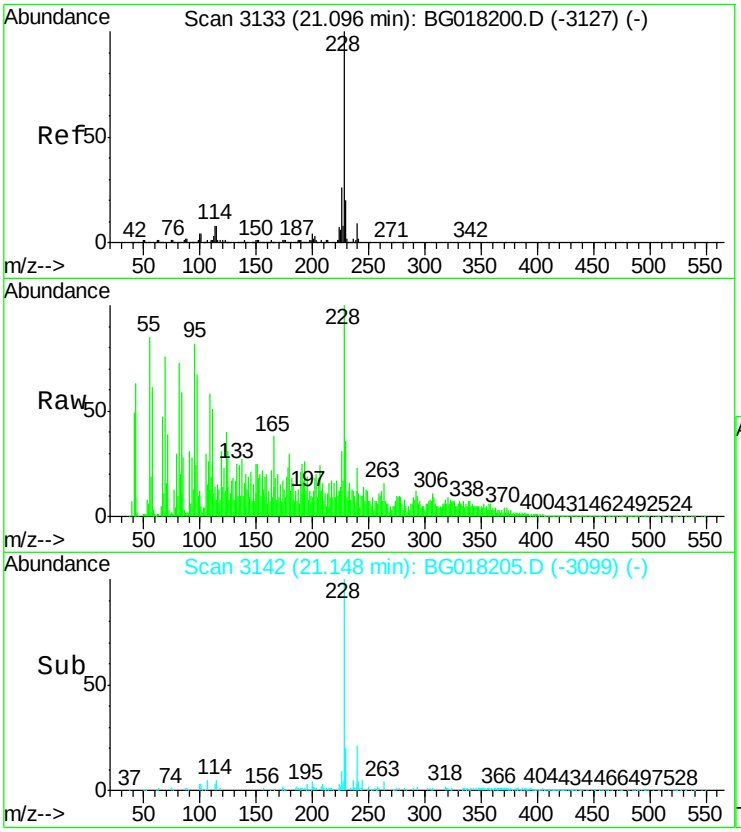


#80
Pyrene
Concen: 33.76 ng/ul
RT: 19.40 min Scan# 2844
Delta R.T. 0.05 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:202 Resp: 949925

Ion	Ratio	Lower	Upper
202	100		
101	9.1	8.1	12.1
100	6.7	7.4	11.0#



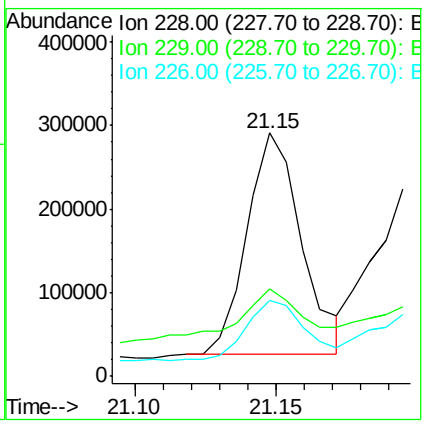


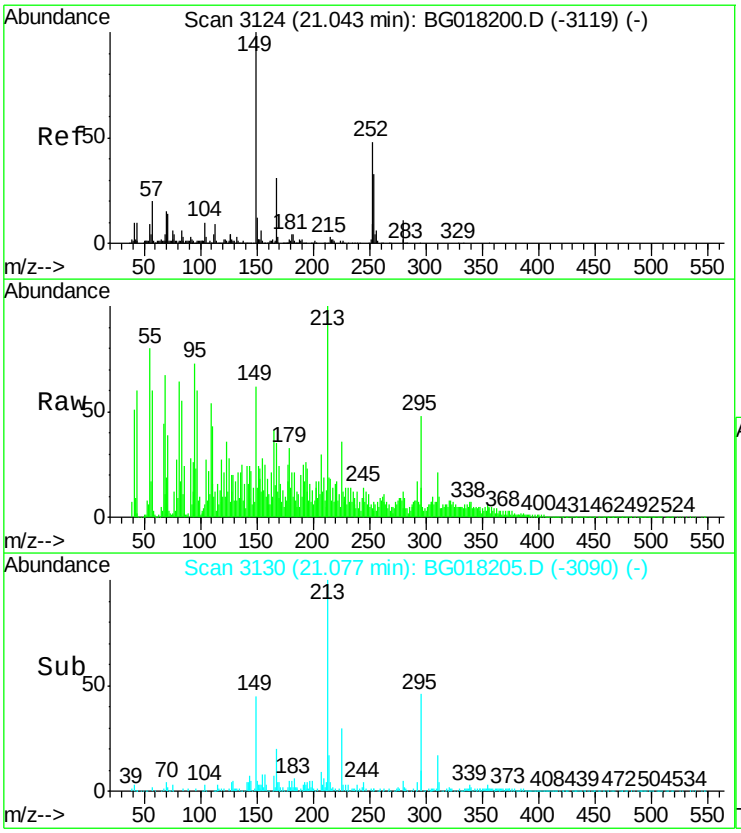
#83
Benzo(a)anthracene
Concen: 14.23 ng/ul
RT: 21.15 min Scan# 3142
Delta R.T. 0.05 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 355569

Ion	Ratio	Lower	Upper
228	100		
229	35.9	16.5	24.7#
226	31.3	21.5	32.3

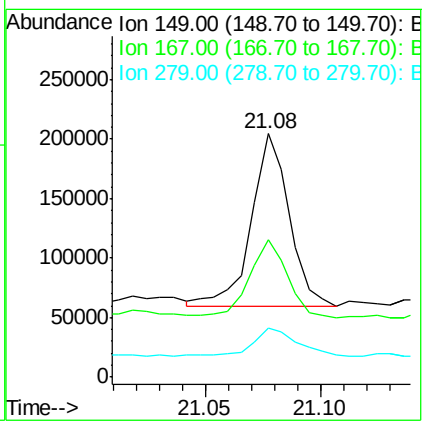


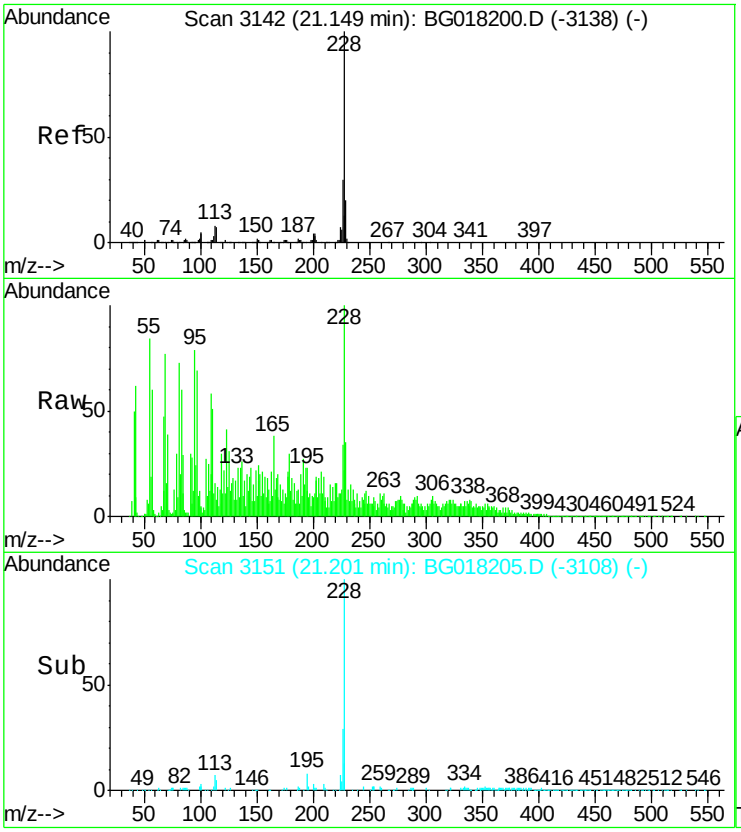


#84
Bis(2-ethylhexyl)phthalate
Concen: 10.70 ng/ul
RT: 21.08 min Scan# 3130
Delta R.T. 0.03 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:149 Resp: 164988

Ion	Ratio	Lower	Upper
149	100		
167	56.5	27.4	41.2#
279	20.0	8.3	12.5#



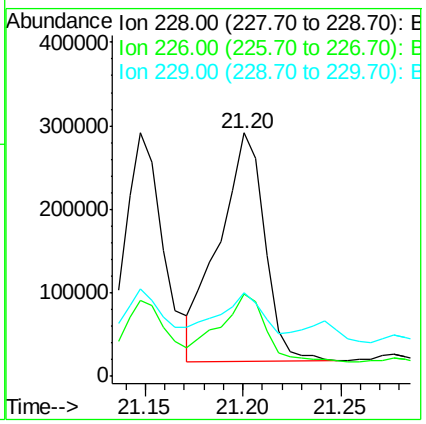


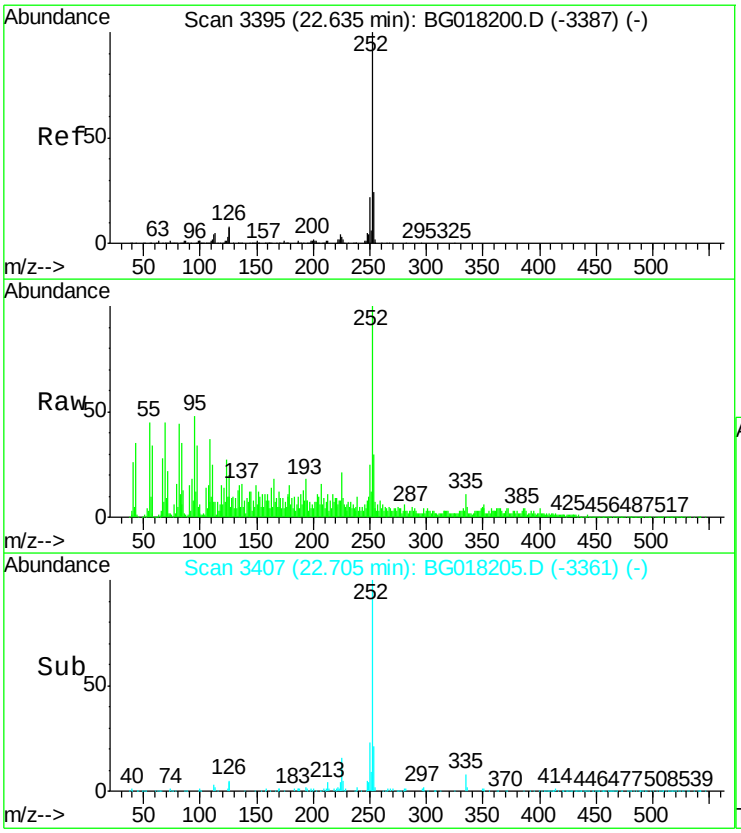
#85
Chrysene
Concen: 19.43 ng/ul
RT: 21.20 min Scan# 3151
Delta R.T. 0.05 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 444742

Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.7	34.1
229	34.5	16.2	24.2#

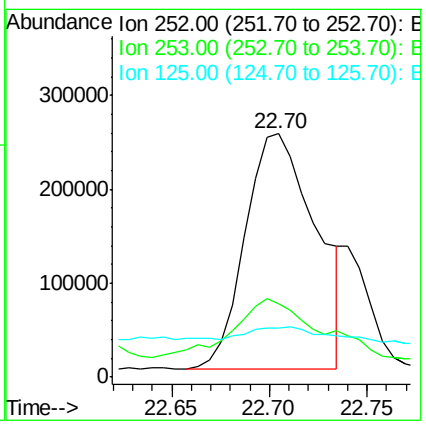


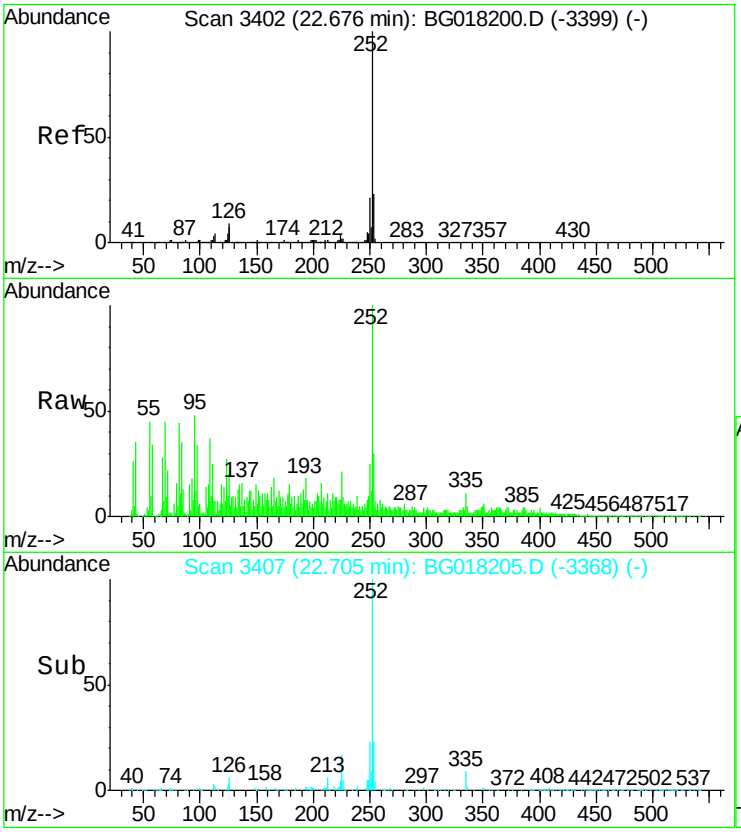


#88
Benzo(b)fluoranthene
Concen: 25.19 ng/ul
RT: 22.70 min Scan# 3407
Delta R.T. 0.07 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:252 Resp: 626510

Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.5	27.7#
125	20.0	7.4	11.0#



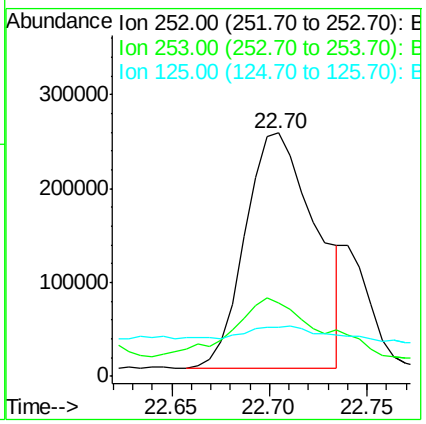


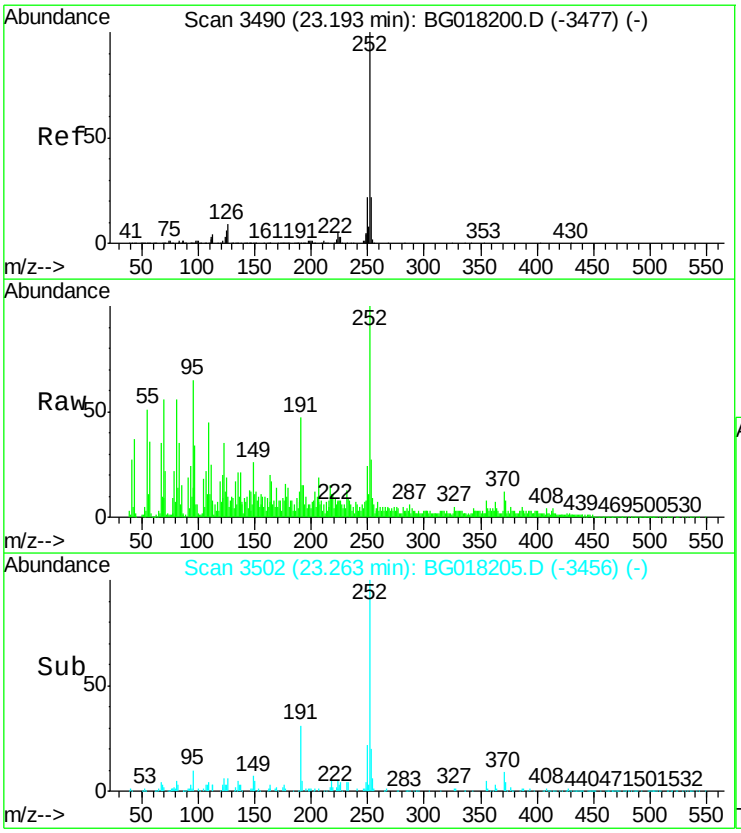
#89
Benzo(k)fluoranthene
Concen: 27.41 ng/ul
RT: 22.70 min Scan# 3407
Delta R.T. 0.03 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 626510

Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.2	27.2#
125	20.0	7.5	11.3#

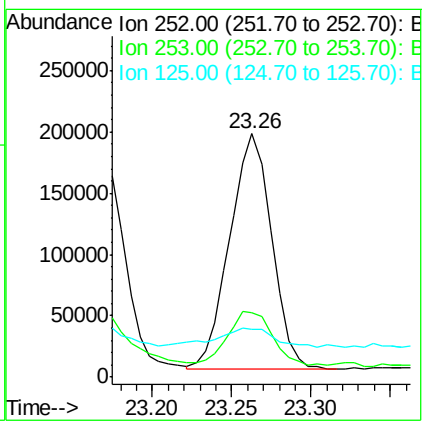


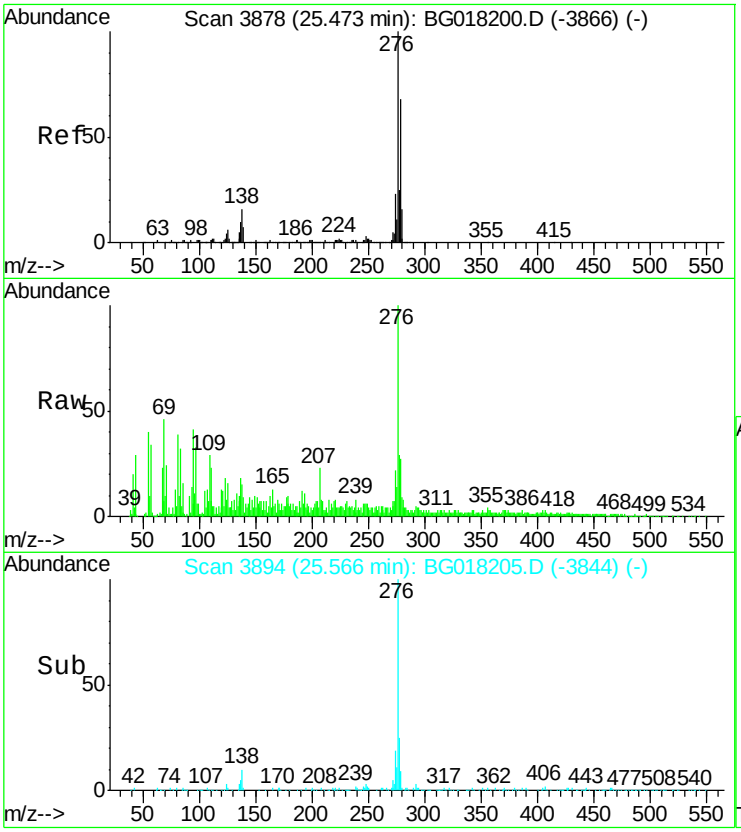


#91
Benzo(a)pyrene
Concen: 15.87 ng/ul
RT: 23.26 min Scan# 3502
Delta R.T. 0.07 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:252 Resp: 353118

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.4	26.2#
125	19.4	7.3	10.9#



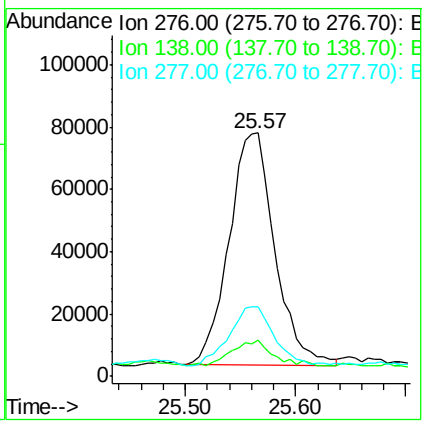


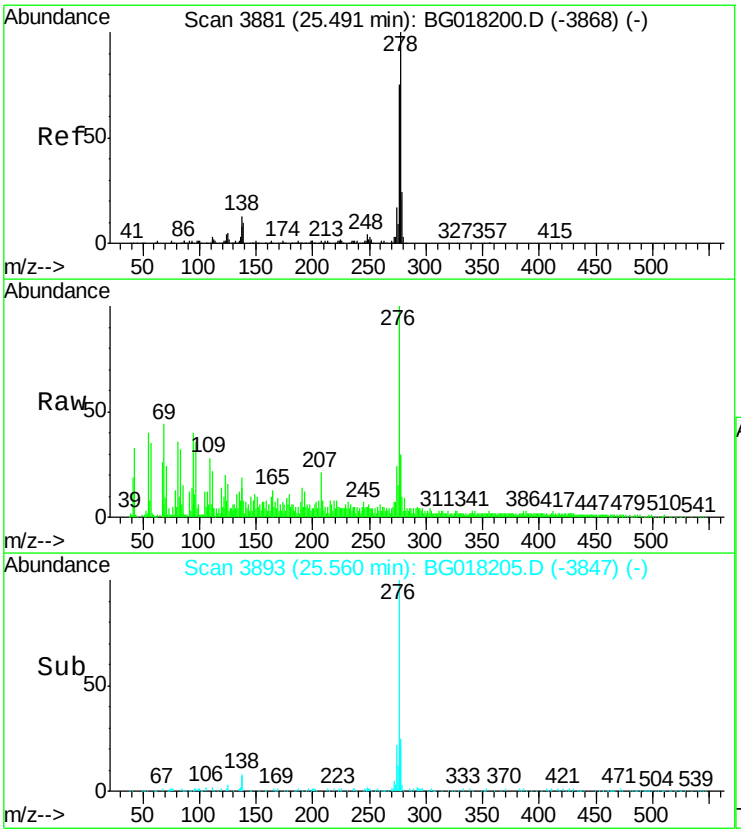
#92
Indeno(1,2,3-cd)pyrene
Concen: 8.37 ng/ul
RT: 25.57 min Scan# 3894
Delta R.T. 0.09 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 215571

Ion	Ratio	Lower	Upper
276	100		
138	14.7	17.2	25.8#
277	28.5	19.5	29.3

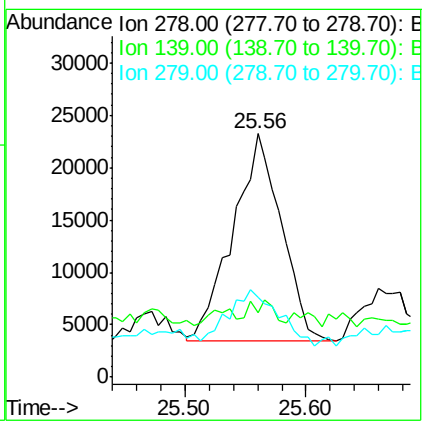


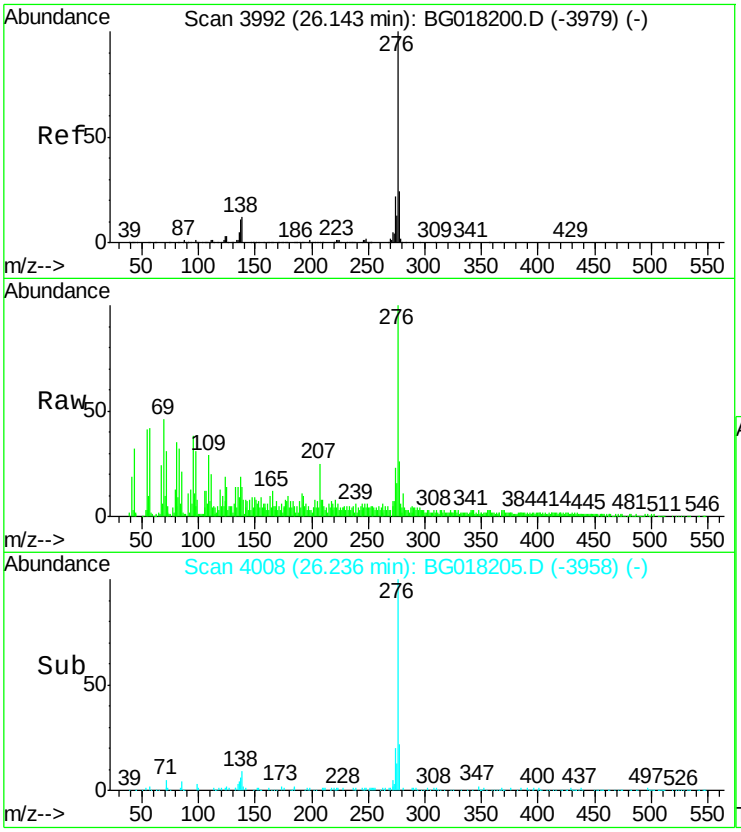


#93
Dibenzo(a,h)anthracene
Concen: 2.50 ng/ul
RT: 25.56 min Scan# 3893
Delta R.T. 0.07 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Tgt Ion:278 Resp: 55087

Ion	Ratio	Lower	Upper
278	100		
139	26.5	12.2	18.2#
279	32.9	20.0	30.0#





#94
Benzo(g,h,i)perylene
Concen: 9.45 ng/ul
RT: 26.24 min Scan# 4008
Delta R.T. 0.09 min
Lab File: BG018205.D
Acq: 1 Aug 2015 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 198629

Ion	Ratio	Lower	Upper
276	100		
138	14.1	15.1	22.7#
277	26.5	19.8	29.6