Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018211.D
Acq On : 1 Aug 2015 9:18
Operator : TP/UM
Sample : G3065-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 03 01:59:40 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	7.49	152	53135	20.00	ng/ul	0.01
18) Naphthalene-d8	10.27	136	203759	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	102003	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	210310	20.00	ng/ul	0.02
78) Chrysene-d12	21.14	240	310376	20.00	ng/ul	0.03
86) Perylene-d12	23.36	264	314503	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	767	1.09	ng/uL	0.00
5) Phenol-d5	6.68	99	42072	8.81	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	23433	9.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	34790	9.64	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	33157	8.52	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	19376	12.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	16094	8.74	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	36412	11.18	ng/ul	0.02
29) 4-Chloroaniline-d4	10.39	131	36284	8.94	ng/ul	-0.02
44) Dimethylphthalate-d6	13.58	166	90133	11.44	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	102027	11.16	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	8671	5.94	ng/ul	0.02
58) Fluorene-d10	15.16	176	76662	10.75	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	2104	1.43	ng/ul	0.04
71) Anthracene-d10	17.02	188	106444	11.64	ng/ul	0.02
79) Pyrene-d10	19.34	212	128878	8.58	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.22	264	189460	11.91	ng/ul	0.07
Target Compounds						Qvalue
4) Benzaldehyde	6.64	77	7851	3.04	ng/ul#	1
8) Bis(2-Chloroethyl)ether	6.92	93	8142	2.32	ng/ul#	37
11) 2-Methylphenol	7.95	108	10769	2.81	ng/ul	100
14) Acetophenone	8.29	105	53839	8.89	ng/ul	95
16) 4-Methylphenol	8.28	108	70172	16.56	ng/ul	86
17) Hexachloroethane	8.59	117	21359	13.17	ng/ul#	5
24) 2,4-Dimethylphenol	9.47	107	145750	36.01	ng/ul#	80
28) Naphthalene	10.32	128	183547	18.71	ng/ul	98
32) Caprolactam	11.20	113	2840	1.84	ng/ul#	1
34) 2-Methylnaphthalene	11.95	142	125907	16.21	ng/ul	99
35) 1-Methylnaphthalene	12.17	142	79993	10.74	ng/ul#	95
41) 1,1'-Biphenyl	12.98	154	25057	3.44	ng/ul#	95
45) Dimethylphthalate	13.63	163	172275	21.97	ng/ul	99
48) Acenaphthylene	13.89	152	9732	1.07	ng/ul#	15
50) Acenaphthene	14.23	153	83106	14.06	ng/ul	97
54) Dibenzofuran	14.57	168	73635	8.27	ng/ul#	70
57) Diethylphthalate	15.00	149	19083	2.35	ng/ul#	84
59) Fluorene	15.22	166	108763	14.15	ng/ul#	95
65) N-Nitrosodiphenylamine	15.44	169	39609	7.27	ng/ul#	53
70) Phenanthrene	16.97	178	800903	74.96	ng/ul	98
72) Anthracene	16.97	178	800903	75.35	ng/ul	96
75) Carbazole	17.34	167	76906	8.71	ng/ul#	88
76) Di-n-butylphthalate	17.91	149	56025	4.77	ng/ul#	84

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018211.D
Acq On : 1 Aug 2015 9:18
Operator : TP/UM
Sample : G3065-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 03 01:59:40 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)
77) Fluoranthene	19.01	202	1110719	94.66	ng/ul#	95
80) Pyrene	19.37	202	1112400	59.09	ng/ul	95
81) Butylbenzylphthalate	20.29	149	109773	14.36	ng/ul#	73
83) Benzo(a)anthracene	21.13	228	594472	35.57	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.07	149	2222854	215.45	ng/ul#	68
85) Chrysene	21.13	228	595691	38.91	ng/ul	96
88) Benzo(b)fluoranthene	22.69	252	958924	50.75	ng/ul#	88
89) Benzo(k)fluoranthene	22.69	252	958924	55.22	ng/ul#	87
91) Benzo(a)pyrene	23.26	252	596885	35.31	ng/ul#	84
92) Indeno(1,2,3-cd)pyrene	25.58	276	286920	14.67	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.58	278	72478	4.33	ng/ul#	70

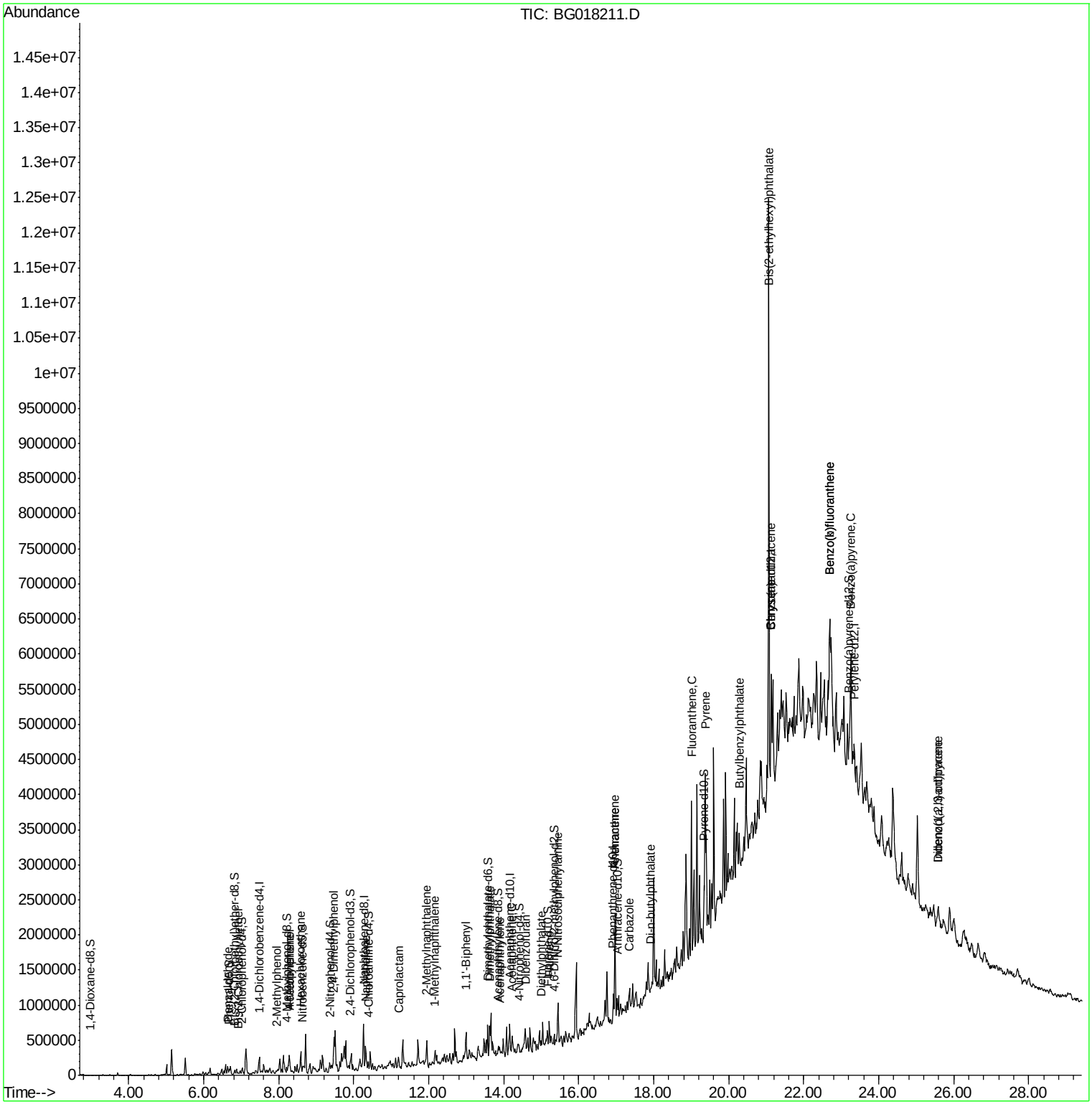
(#) = qualifier out of range (m) = manual integration (+) = signals summed

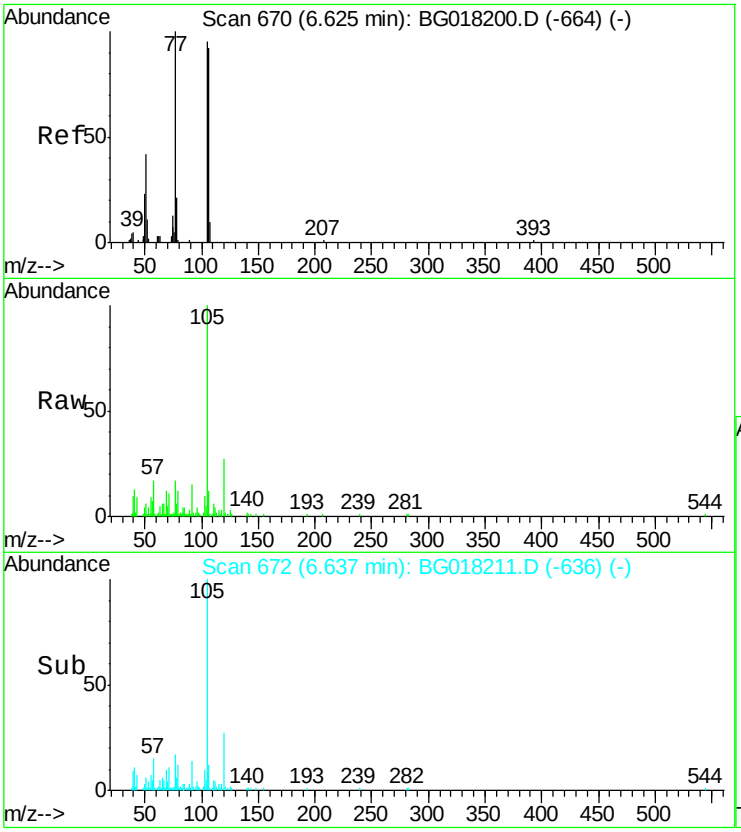
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018211.D
Acq On : 1 Aug 2015 9:18
Operator : TP/UM
Sample : G3065-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 03 01:59:40 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



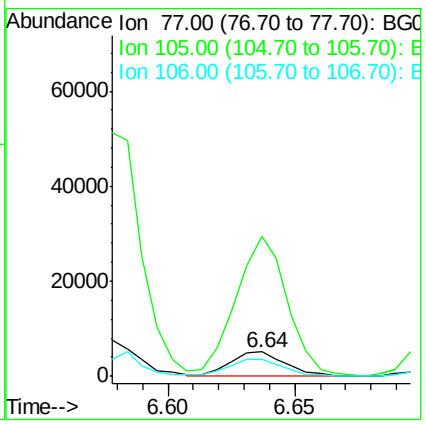


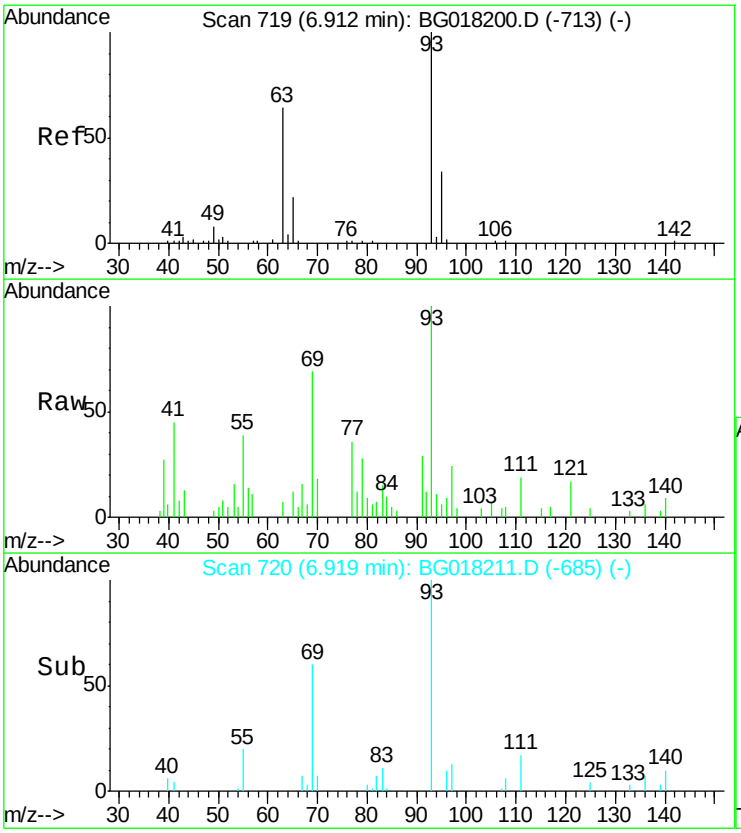
#4
Benzaldehyde
Concen: 3.04 ng/ul
RT: 6.64 min Scan# 672
Delta R.T. 0.01 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 7851

Ion	Ratio	Lower	Upper
77	100		
105	573.6	89.8	134.6#
106	69.2	94.2	141.4#

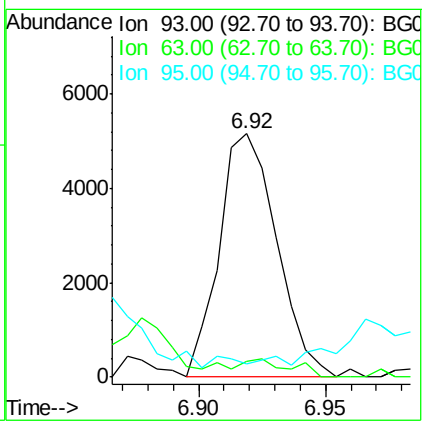


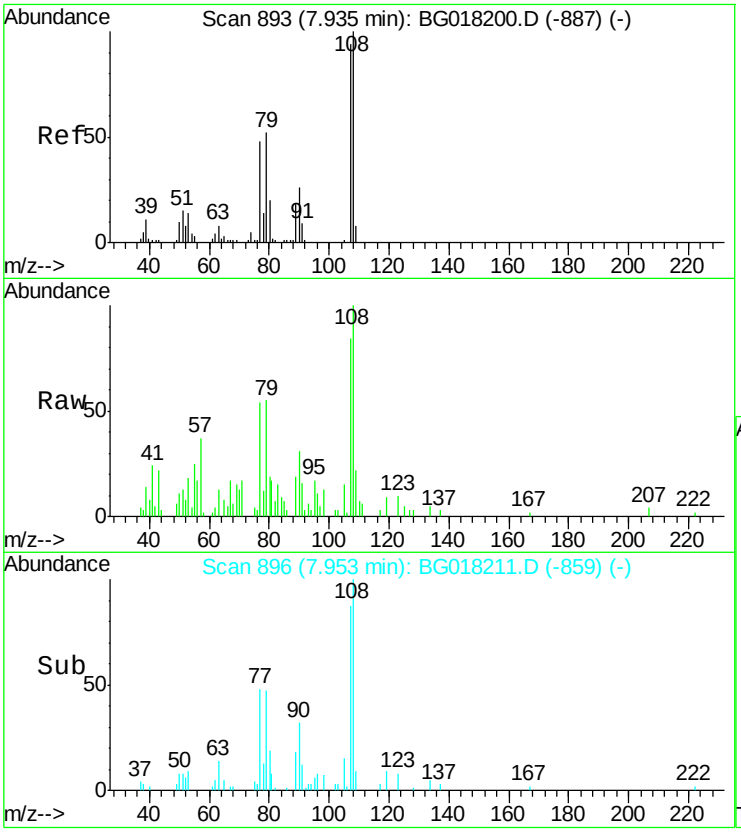


#8
Bis(2-Chloroethyl)ether
Concen: 2.32 ng/ul
RT: 6.92 min Scan# 720
Delta R.T. 0.01 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion: 93 Resp: 8142

Ion	Ratio	Lower	Upper
93	100		
63	6.7	47.9	71.9#
95	5.6	27.4	41.2#



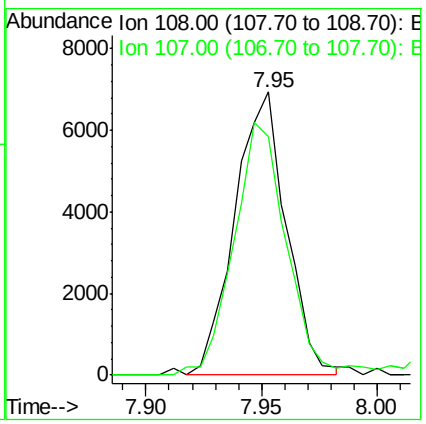


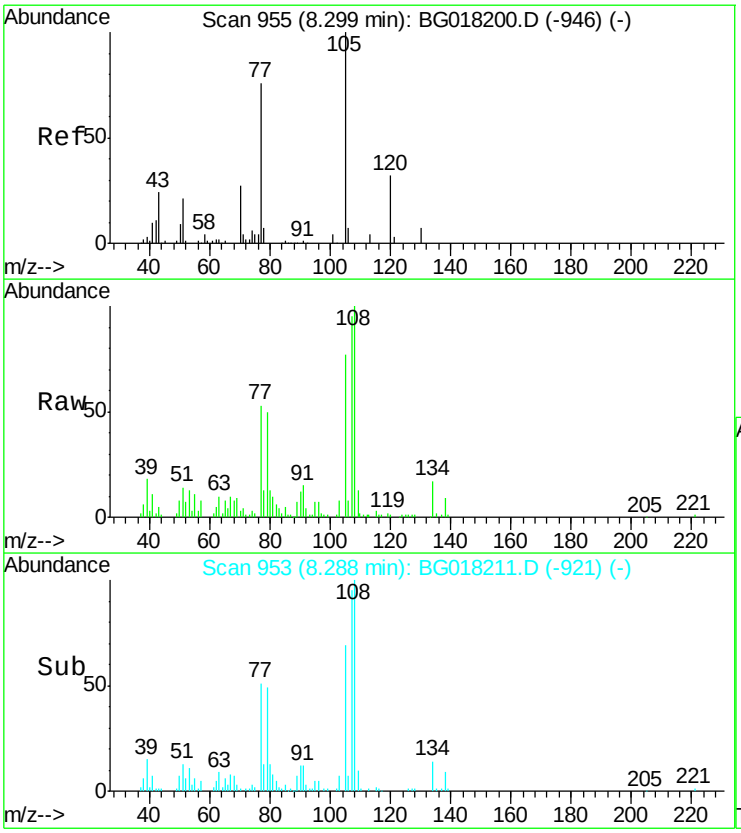
#11
2-Methylphenol
Concen: 2.81 ng/ul
RT: 7.95 min Scan# 896
Delta R.T. 0.02 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 10769

Ion	Ratio	Lower	Upper
108	100		
107	84.5	67.8	101.6

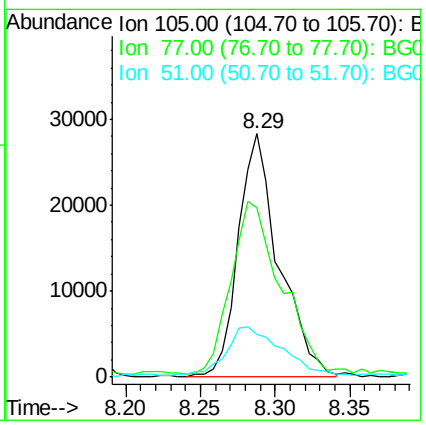


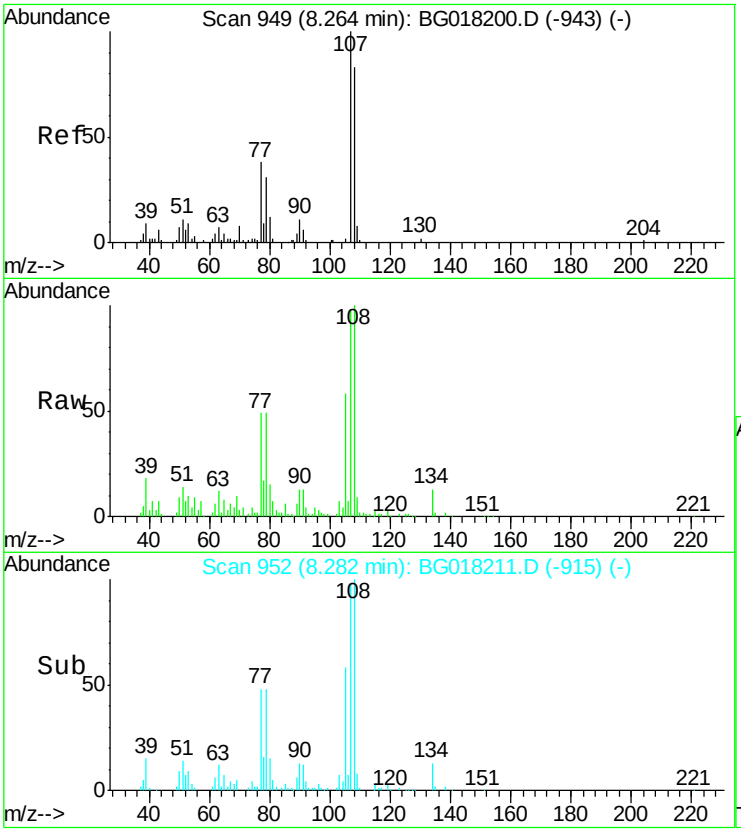


#14
Acetophenone
Concen: 8.89 ng/ul
RT: 8.29 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:105 Resp: 53839

Ion	Ratio	Lower	Upper
105	100		
77	69.3	58.4	87.6
51	17.7	16.5	24.7



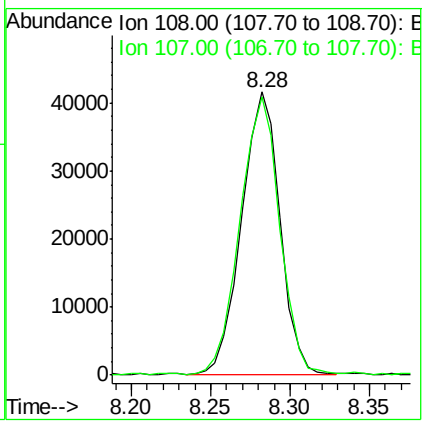


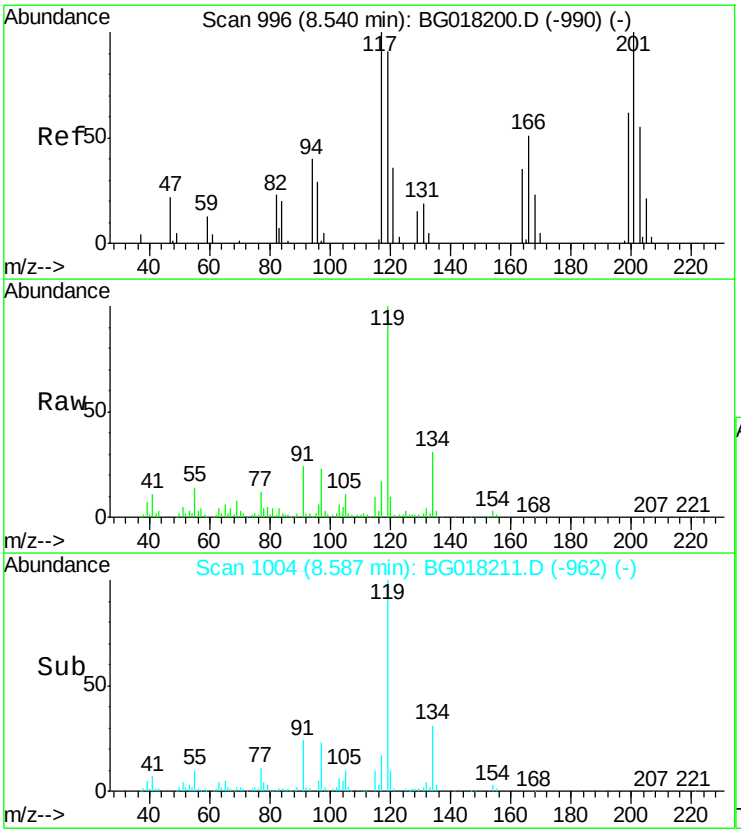
#16
4-Methylphenol
Concen: 16.56 ng/ul
RT: 8.28 min Scan# 952
Delta R.T. 0.02 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 70172

Ion	Ratio	Lower	Upper
108	100		
107	98.4	90.4	135.6

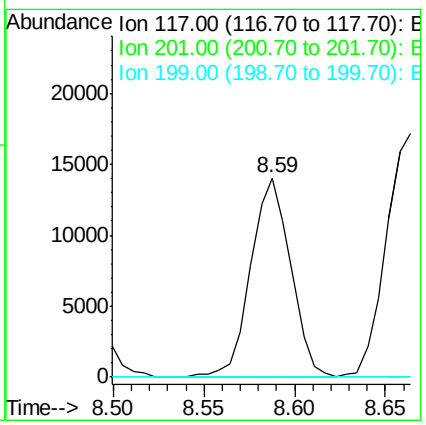


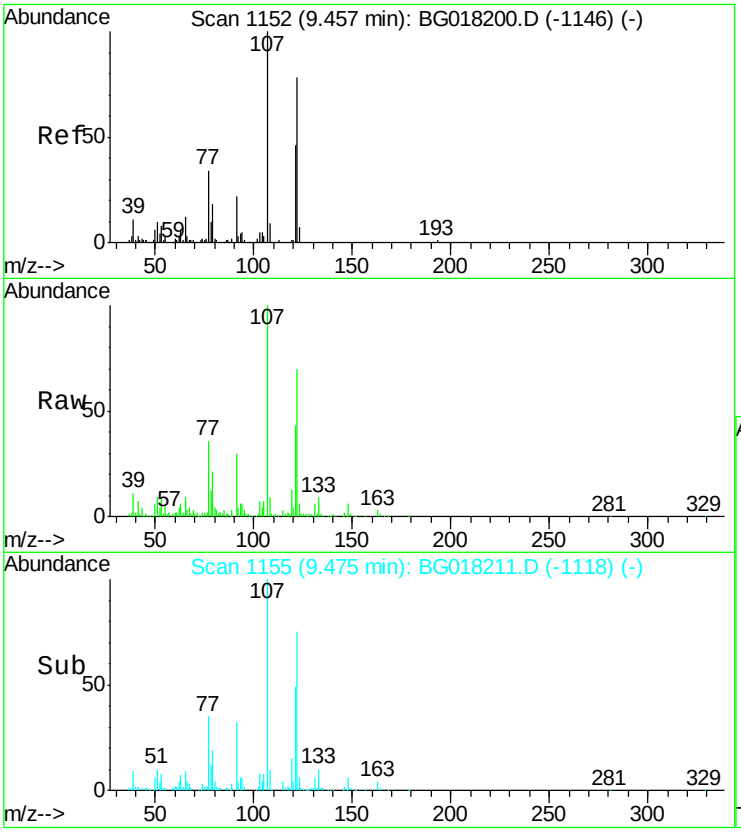


#17
Hexachloroethane
Concen: 13.17 ng/ul
RT: 8.59 min Scan# 1004
Delta R.T. 0.05 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:117 Resp: 21359

Ion	Ratio	Lower	Upper
117	100		
201	0.0	85.0	127.4#
199	0.0	52.2	78.4#



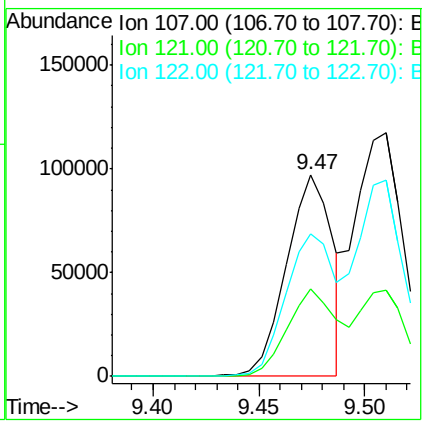


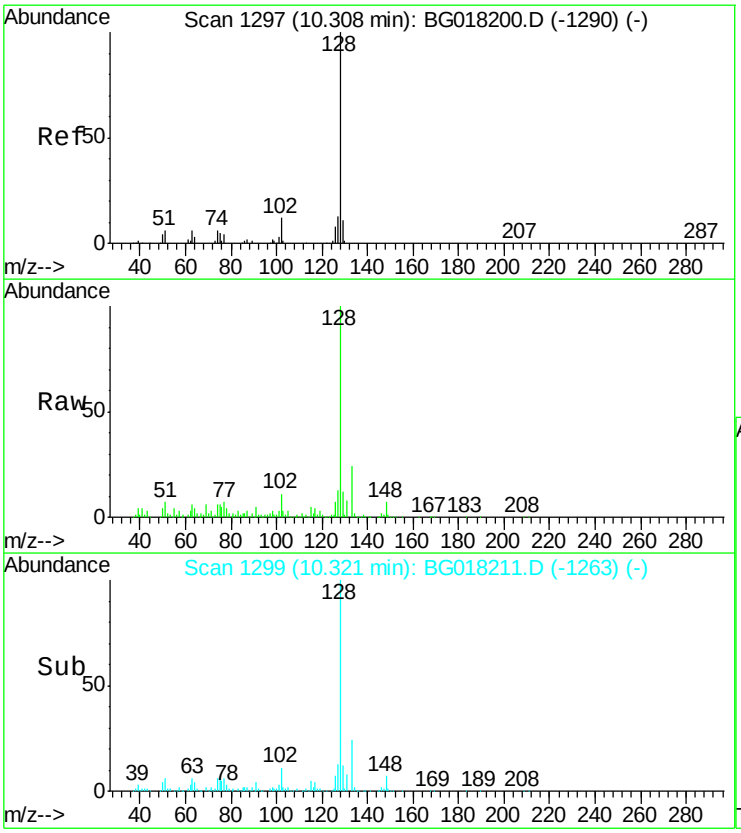
#24
2,4-Dimethylphenol
Concen: 36.01 ng/ul
RT: 9.47 min Scan# 1155
Delta R.T. 0.02 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 145750

Ion	Ratio	Lower	Upper
107	100		
121	43.5	41.4	62.2
122	70.4	75.3	112.9#

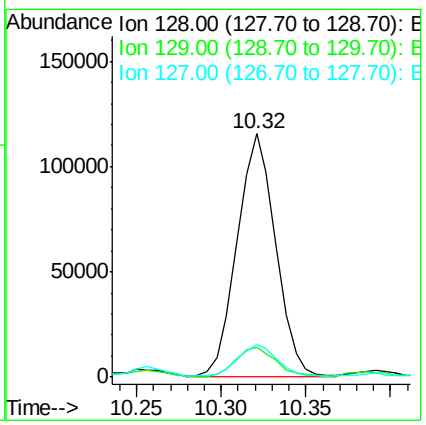


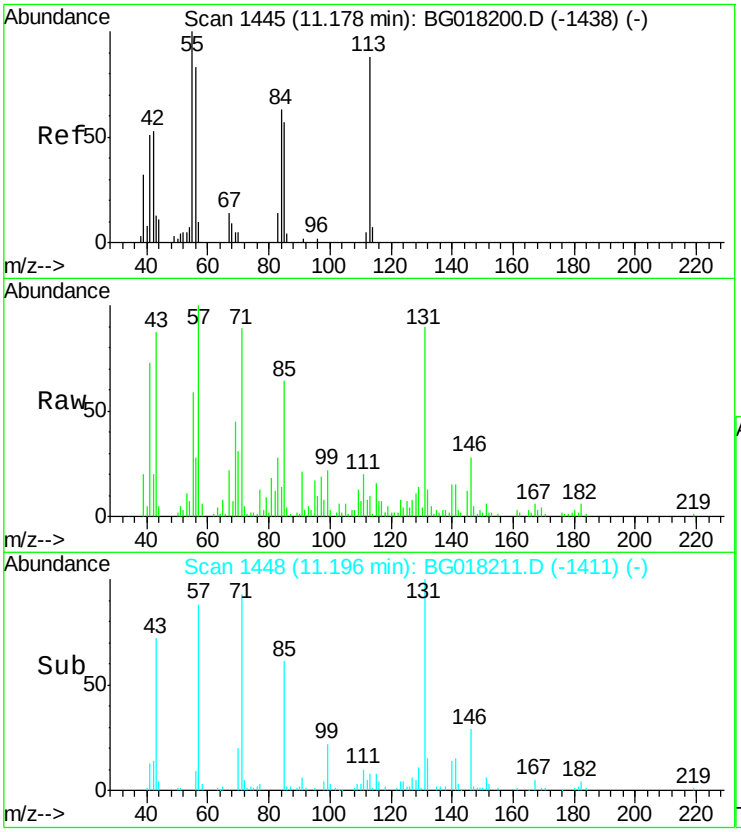


#28
Naphthalene
Concen: 18.71 ng/ul
RT: 10.32 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:128 Resp: 183547

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.1	13.7
127	13.4	11.2	16.8



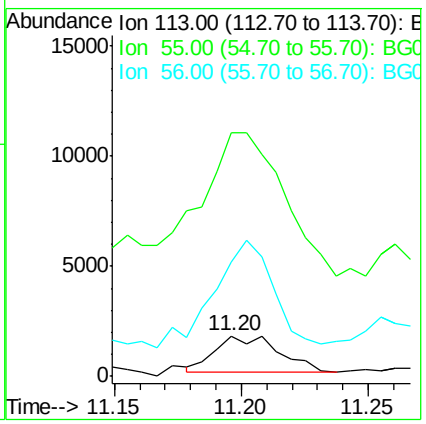


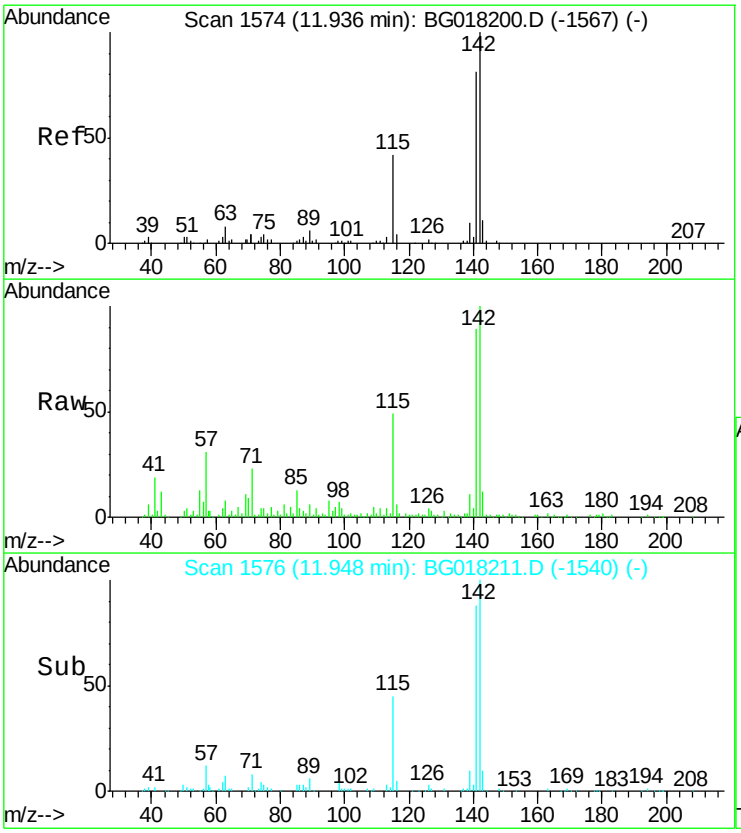
#32
Caprolactam
Concen: 1.84 ng/ul
RT: 11.20 min Scan# 1448
Delta R.T. 0.02 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 2840

Ion	Ratio	Lower	Upper
113	100		
55	599.1	64.6	96.8#
56	282.5	53.2	79.8#

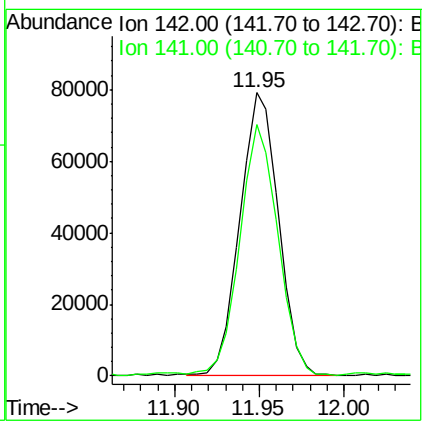


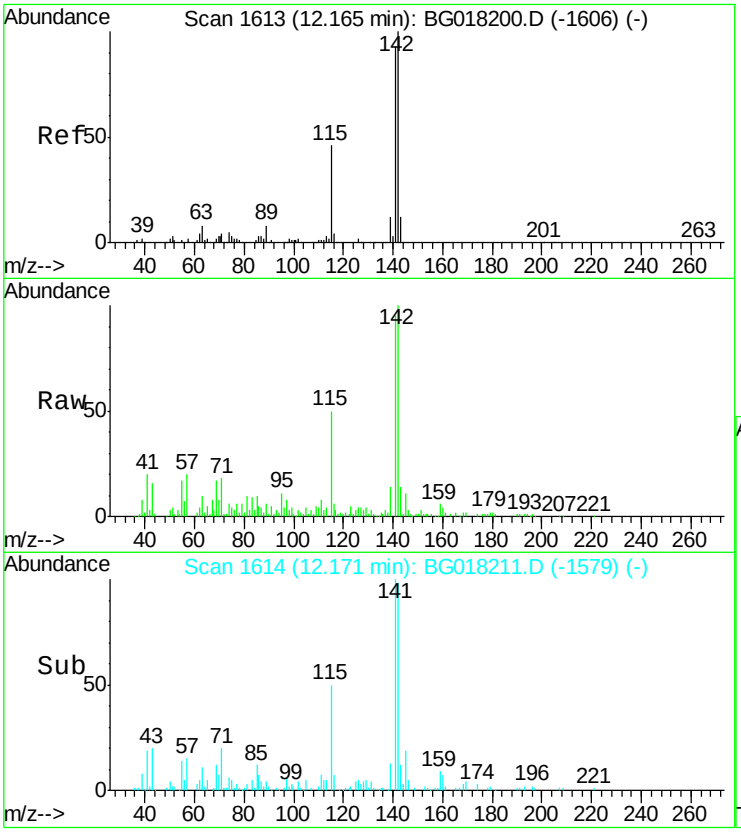


#34
2-Methylnaphthalene
Concen: 16.21 ng/ul
RT: 11.95 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:142 Resp: 125907

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5



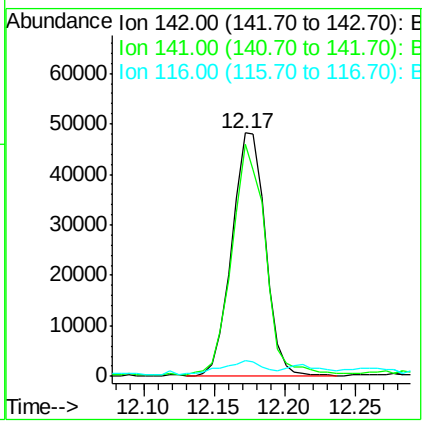


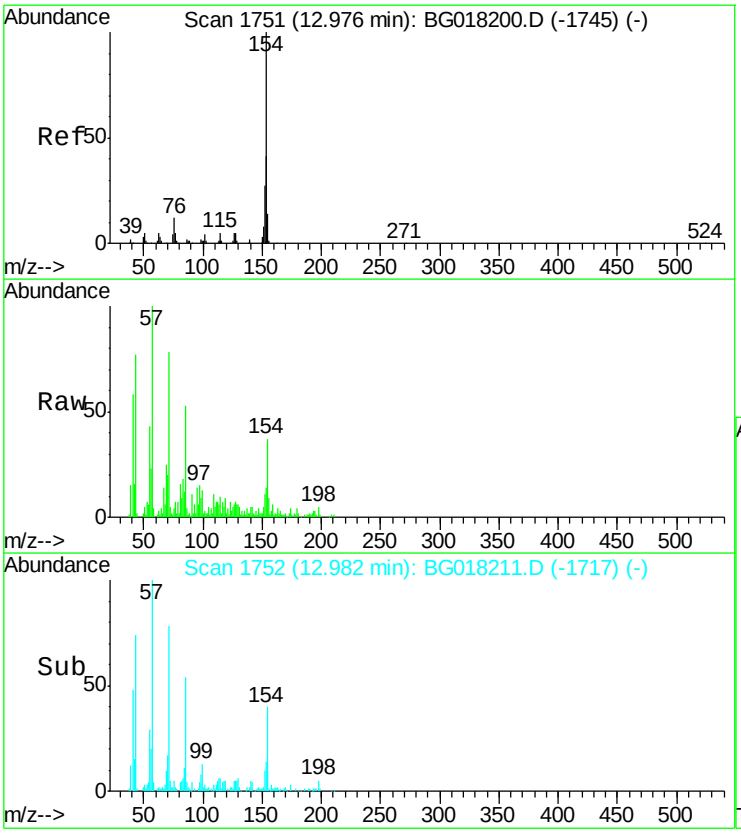
#35
1-Methylnaphthalene
Concen: 10.74 ng/ul
RT: 12.17 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 79993

Ion	Ratio	Lower	Upper
142	100		
141	95.2	72.5	108.7
116	6.3	2.6	4.0#

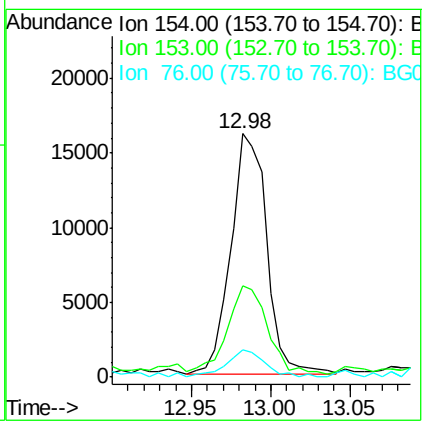


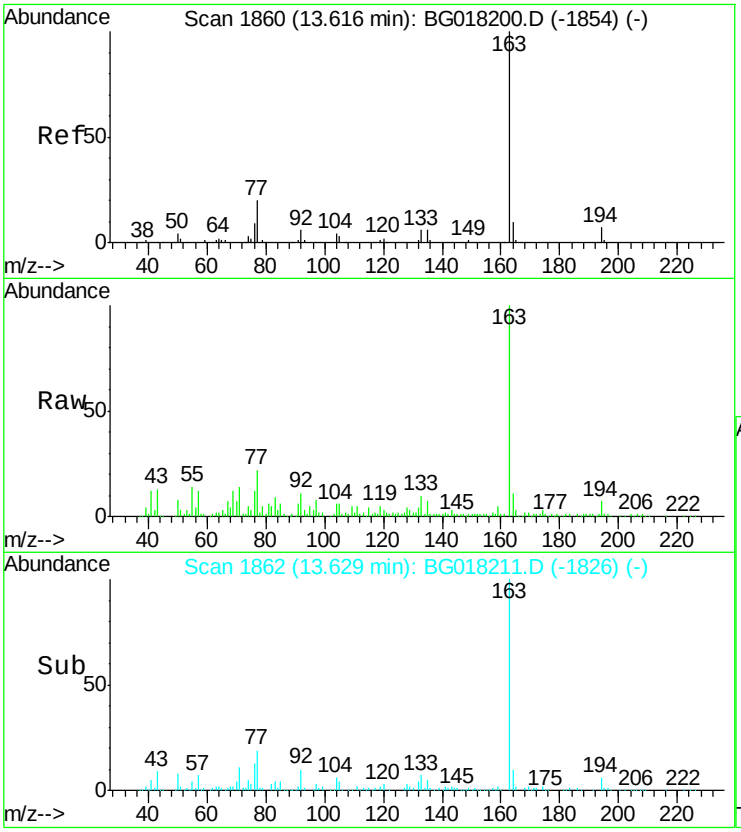


#41
1,1'-Biphenyl
Concen: 3.44 ng/ul
RT: 12.98 min Scan# 1752
Delta R.T. 0.01 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:154 Resp: 25057

Ion	Ratio	Lower	Upper
154	100		
153	37.7	32.3	48.5
76	11.4	7.4	11.0#



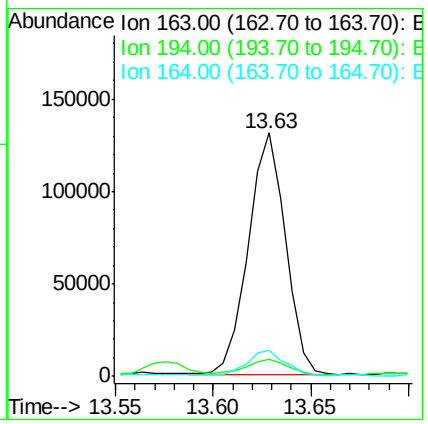


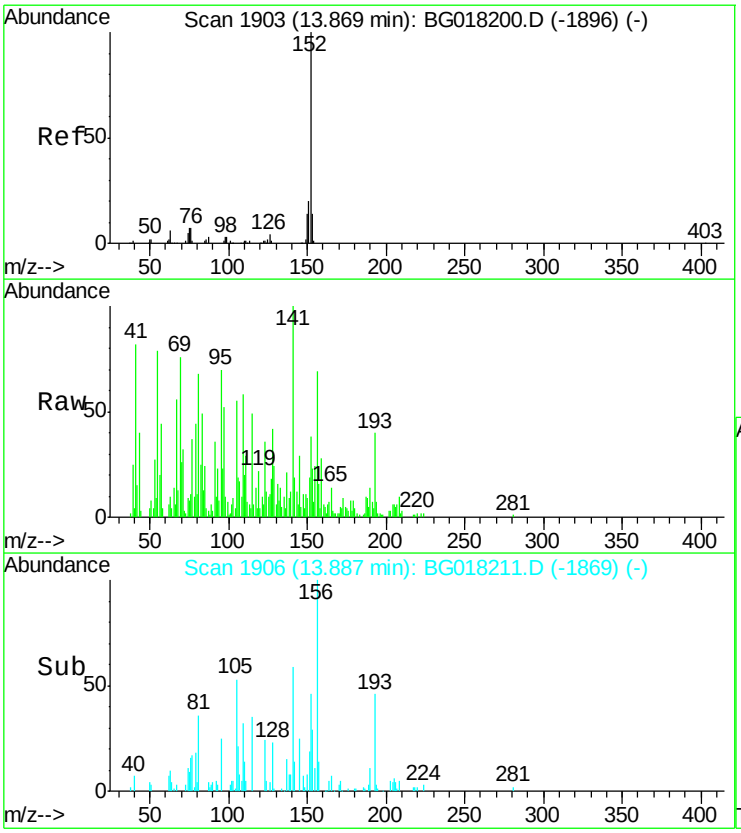
#45
Dimethylphthalate
Concen: 21.97 ng/ul
RT: 13.63 min Scan# 1862
Delta R.T. 0.01 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 172275

Ion	Ratio	Lower	Upper
163	100		
194	7.2	5.2	7.8
164	10.5	8.4	12.6

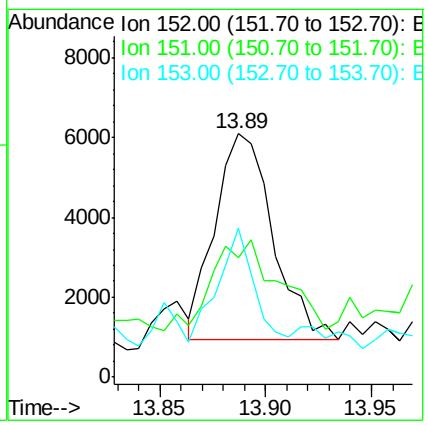


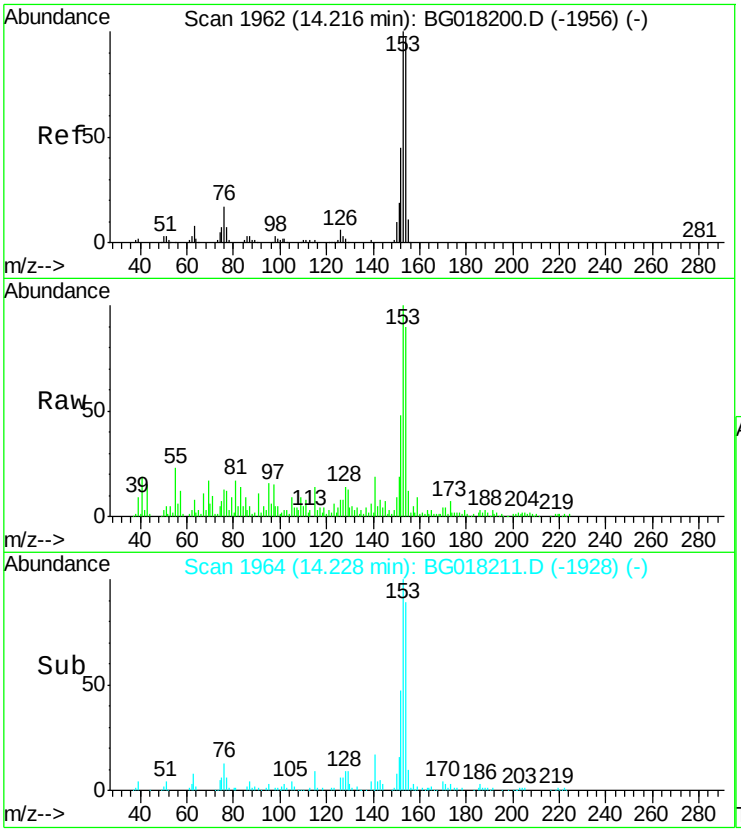


#48
Acenaphthylene
Concen: 1.07 ng/ul
RT: 13.89 min Scan# 1906
Delta R.T. 0.02 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:152 Resp: 9732

Ion	Ratio	Lower	Upper
152	100		
151	49.3	16.0	24.0#
153	61.0	11.0	16.4#



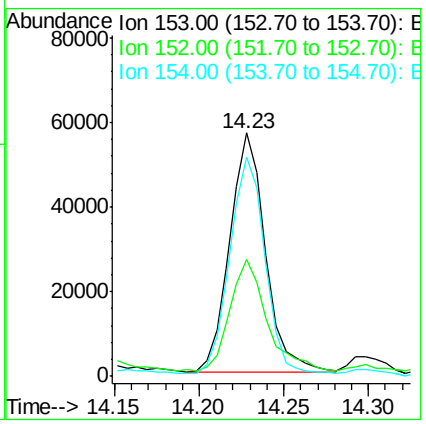


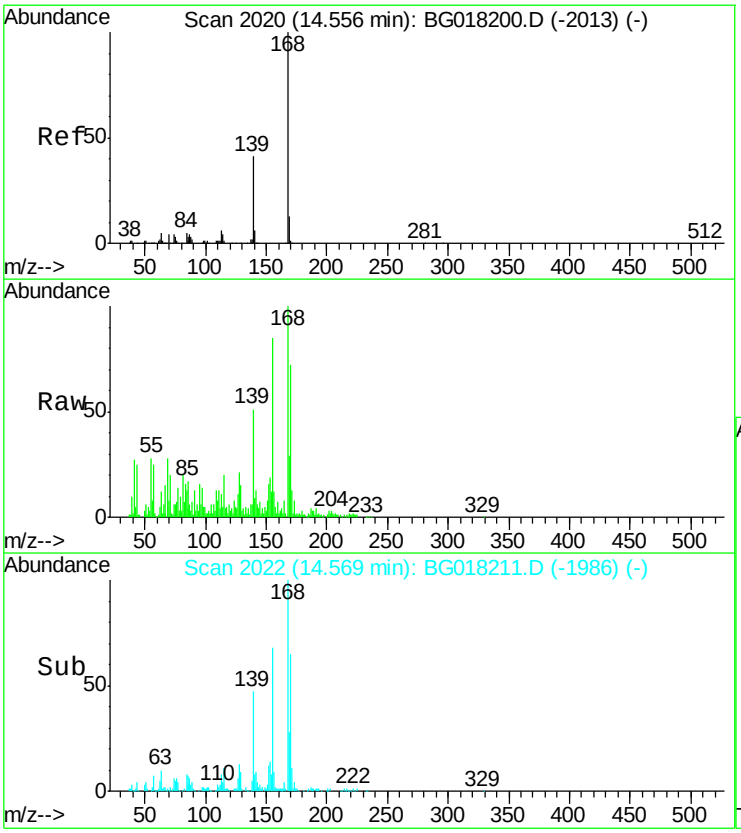
#50
Acenaphthene
Concen: 14.06 ng/ul
RT: 14.23 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 83106

Ion	Ratio	Lower	Upper
153	100		
152	47.9	38.7	58.1
154	90.1	74.8	112.2

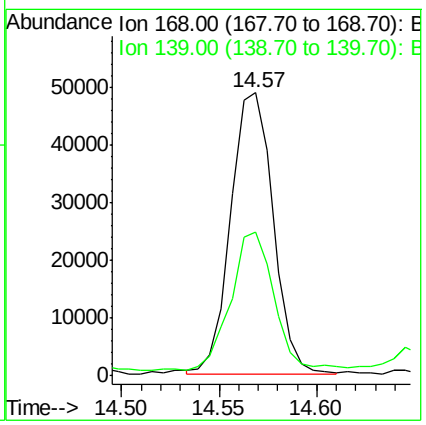


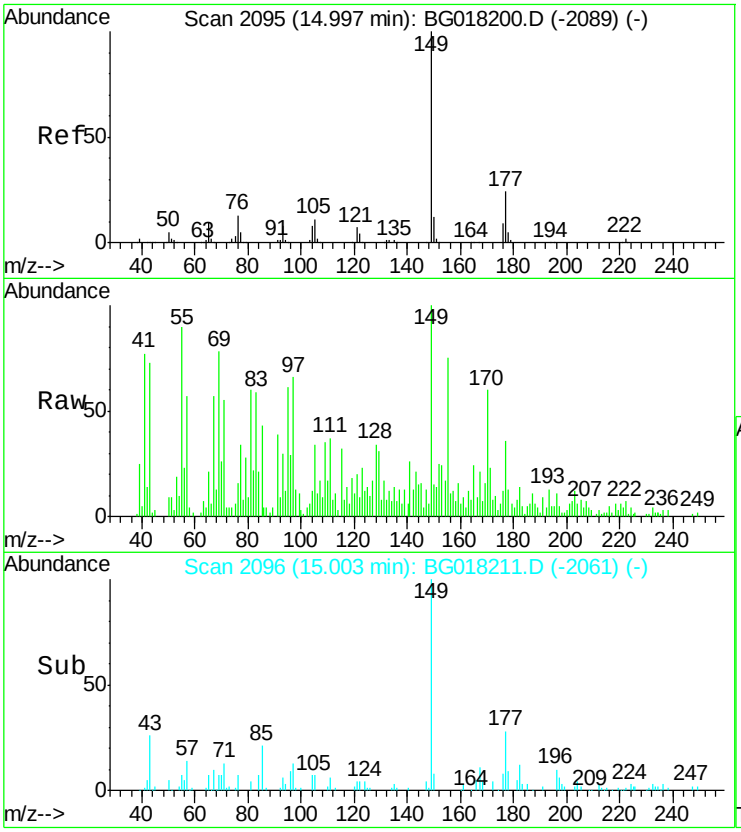


#54
Dibenzofuran
Concen: 8.27 ng/ul
RT: 14.57 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:168 Resp: 73635

Ion	Ratio	Lower	Upper
168	100		
139	50.6	26.8	40.2#



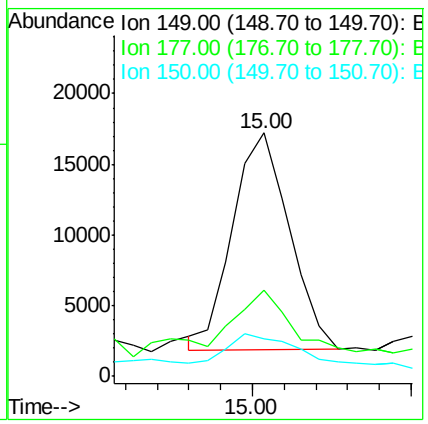


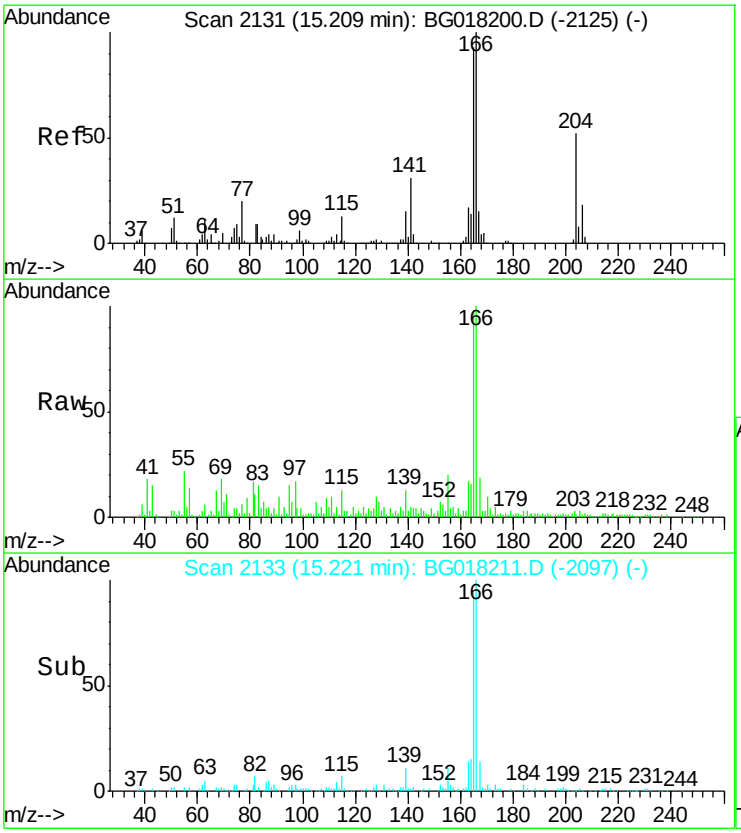
#57
Diethylphthalate
Concen: 2.35 ng/ul
RT: 15.00 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 19083

Ion	Ratio	Lower	Upper
149	100		
177	35.5	20.1	30.1#
150	15.4	10.0	15.0#

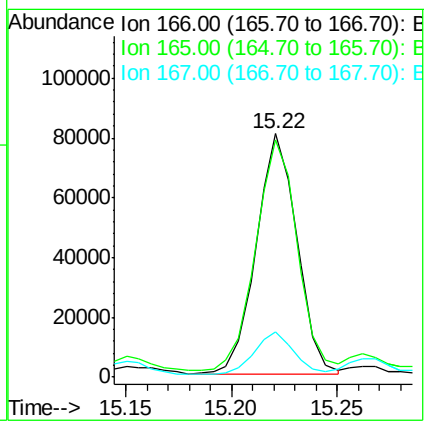


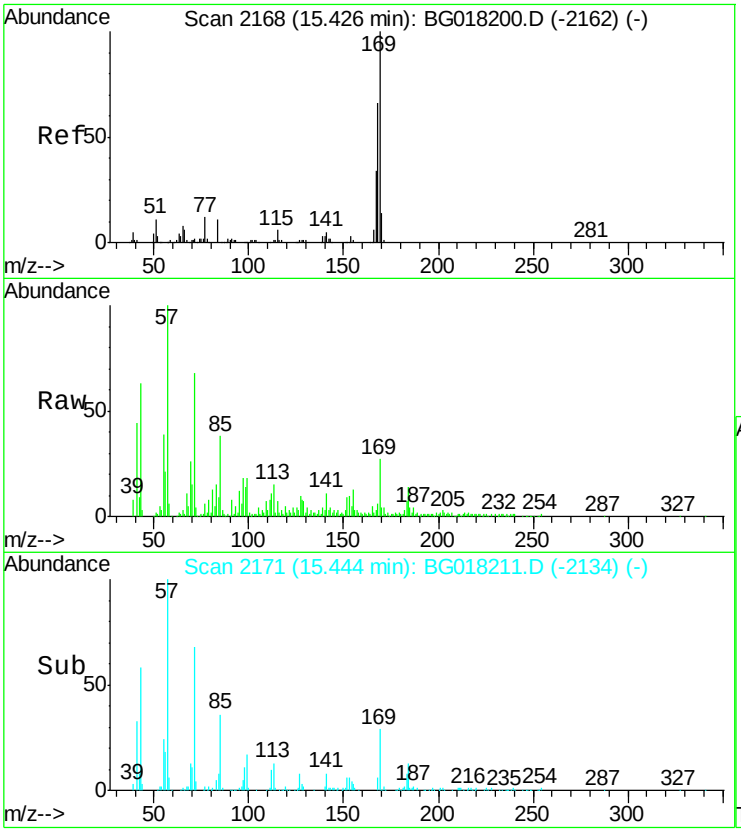


#59
Fluorene
Concen: 14.15 ng/ul
RT: 15.22 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:166 Resp: 108763

Ion	Ratio	Lower	Upper
166	100		
165	97.5	75.1	112.7
167	18.7	11.8	17.6#



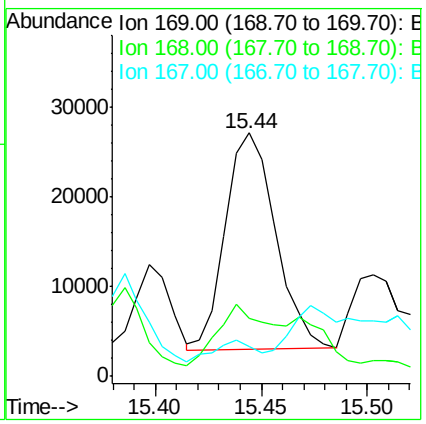


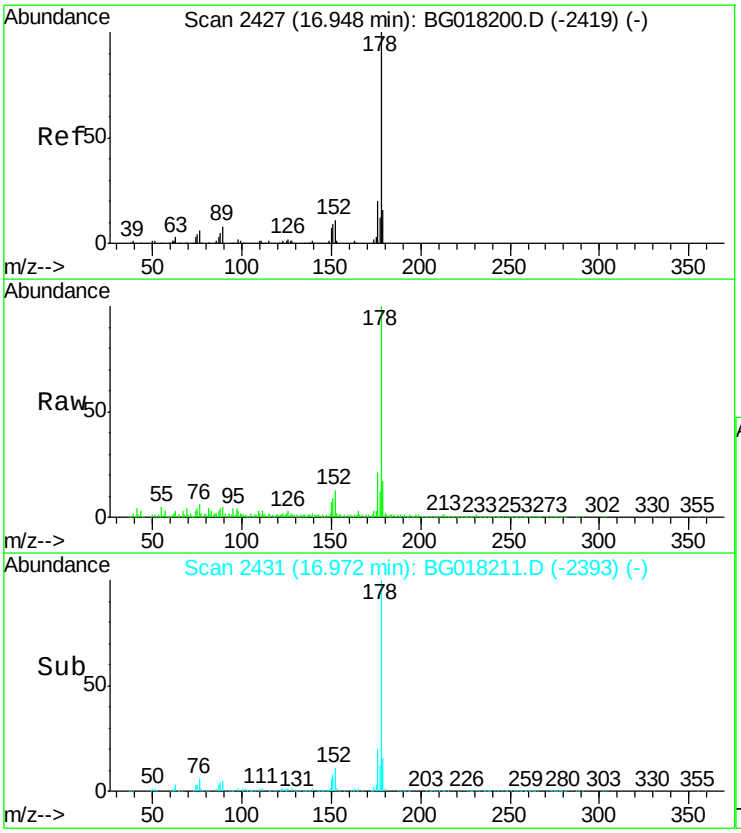
#65
N-Nitrosodiphenylamine
Concen: 7.27 ng/ul
RT: 15.44 min Scan# 2171
Delta R.T. 0.02 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 39609

Ion	Ratio	Lower	Upper
169	100		
168	24.1	51.8	77.6#
167	12.5	27.7	41.5#

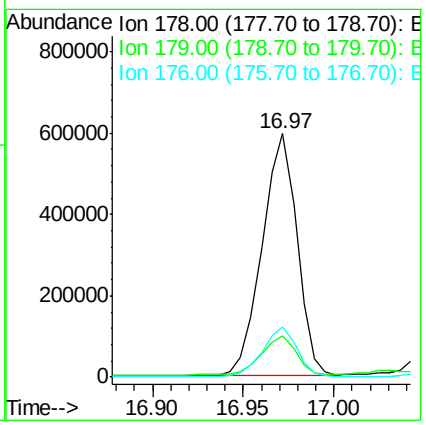


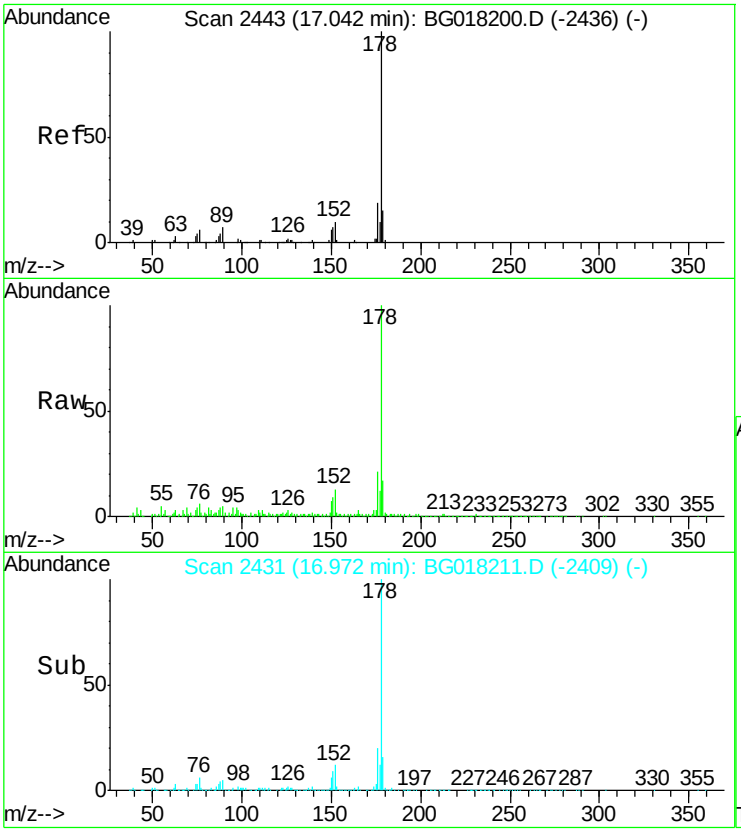


#70
Phenanthrene
Concen: 74.96 ng/ul
RT: 16.97 min Scan# 2431
Delta R.T. 0.02 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:178 Resp: 800903

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.8	19.2
176	20.5	16.0	24.0



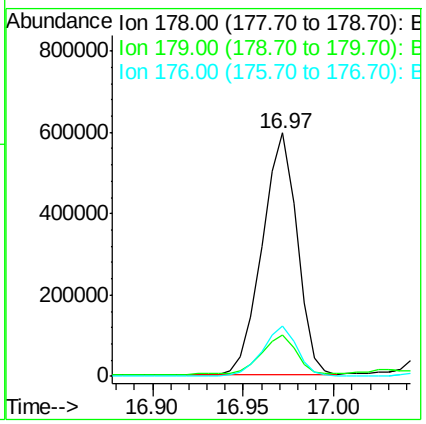


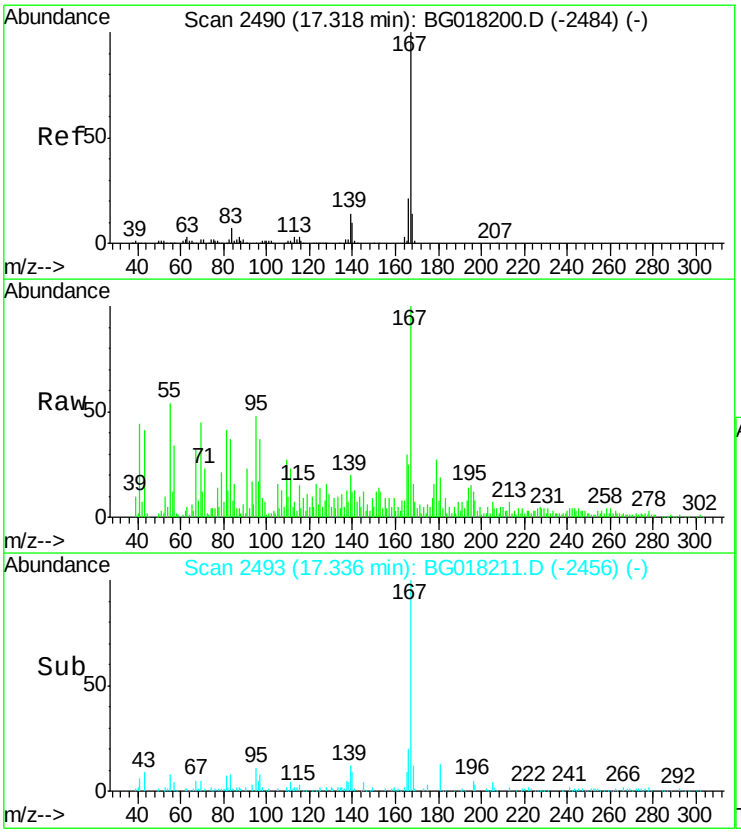
#72
Anthracene
Concen: 75.35 ng/ul
RT: 16.97 min Scan# 2431
Delta R.T. -0.07 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 800903

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.2	18.2
176	20.5	14.8	22.2

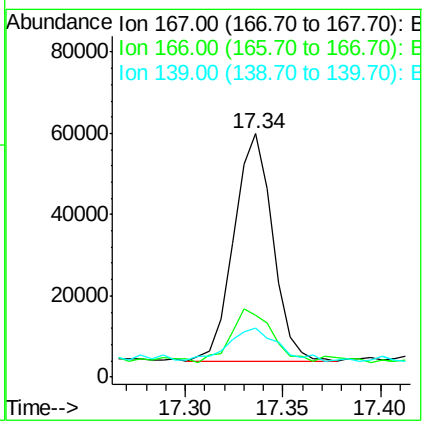


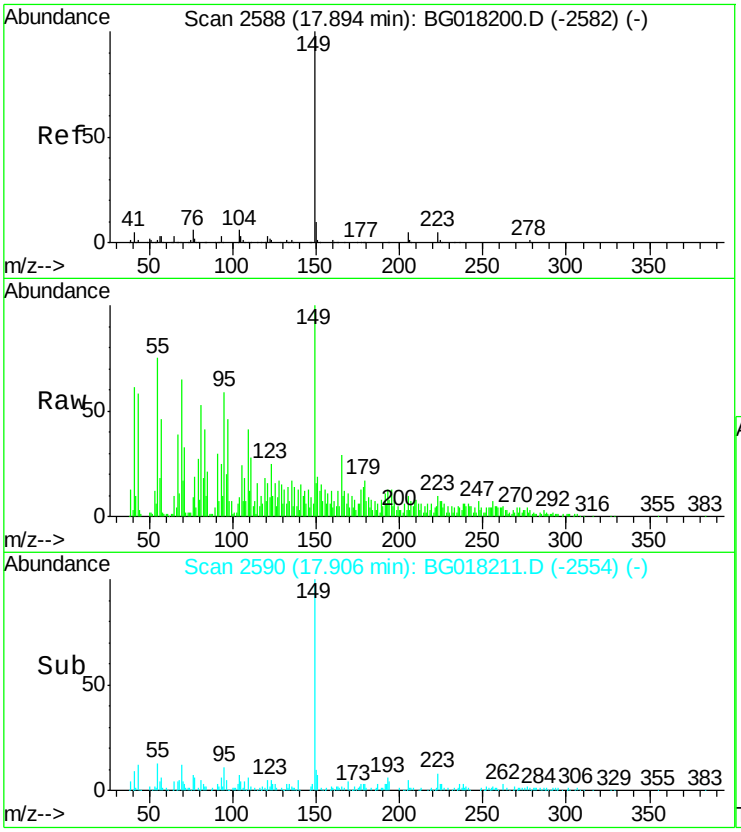


#75
Carbazole
Concen: 8.71 ng/ul
RT: 17.34 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:167 Resp: 76906

Ion	Ratio	Lower	Upper
167	100		
166	25.4	17.5	26.3
139	20.2	10.1	15.1#



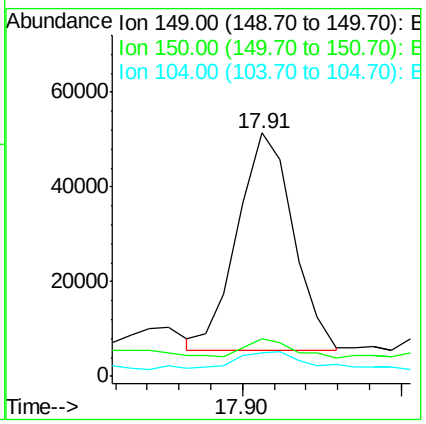


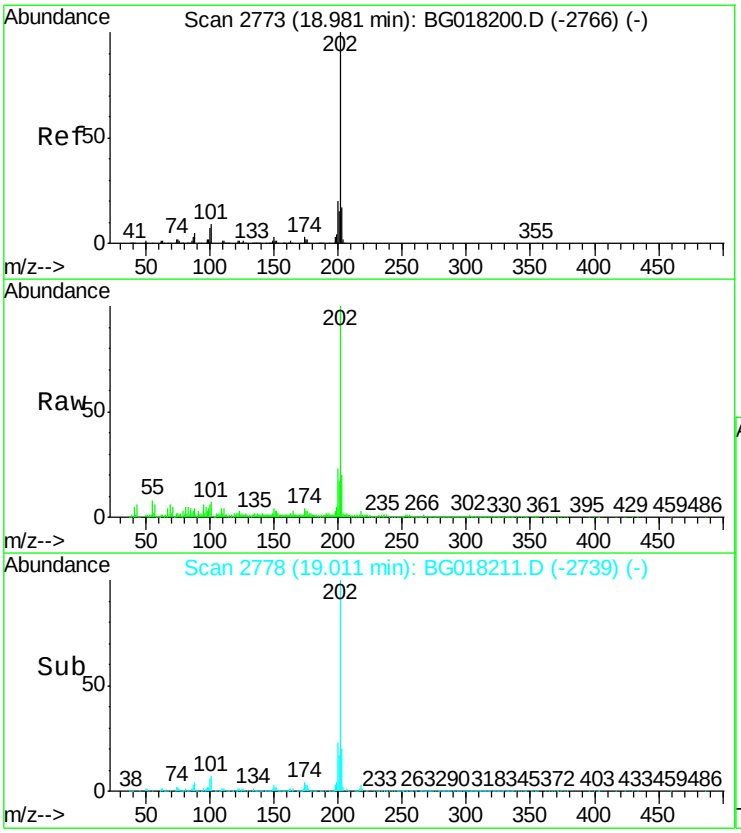
#76
Di-n-butylphthalate
Concen: 4.77 ng/ul
RT: 17.91 min Scan# 2590
Delta R.T. 0.01 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 56025

Ion	Ratio	Lower	Upper
149	100		
150	15.7	7.7	11.5#
104	9.5	3.6	5.4#

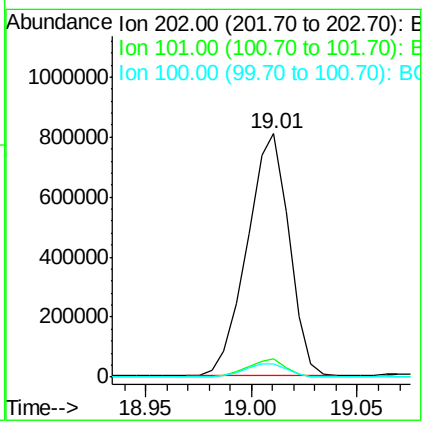


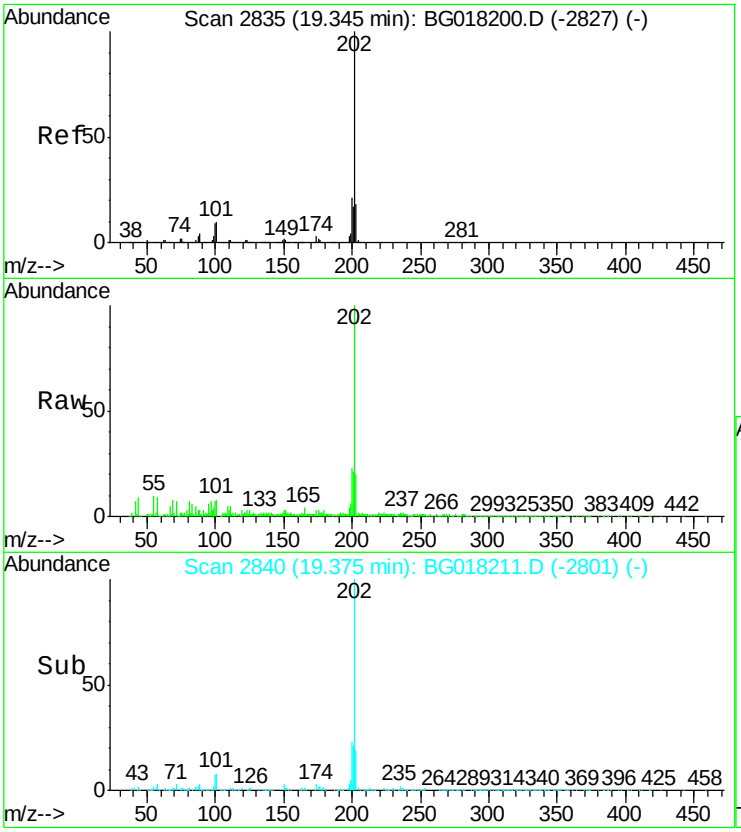


#77
Fluoranthene
Concen: 94.66 ng/ul
RT: 19.01 min Scan# 2778
Delta R.T. 0.03 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:202 Resp: 1110719

Ion	Ratio	Lower	Upper
202	100		
101	7.4	7.5	11.3#
100	5.7	5.5	8.3



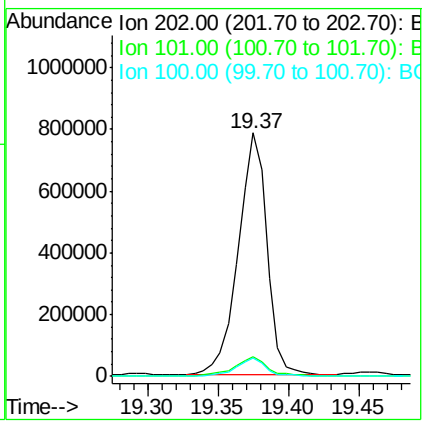


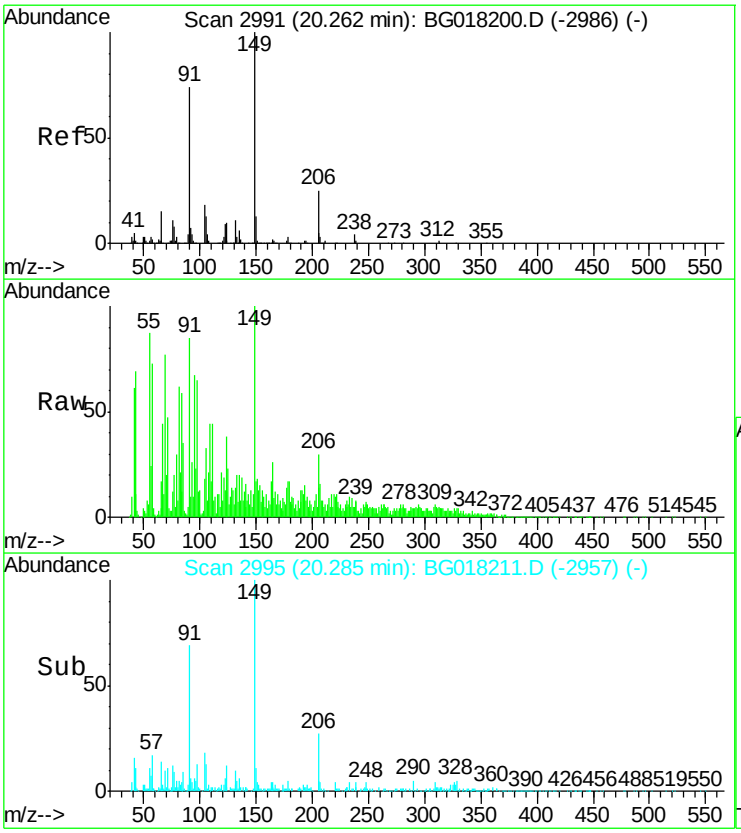
#80
Pyrene
Concen: 59.09 ng/ul
RT: 19.37 min Scan# 2840
Delta R.T. 0.03 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1112400

Ion	Ratio	Lower	Upper
202	100		
101	8.3	8.1	12.1
100	7.5	7.4	11.0

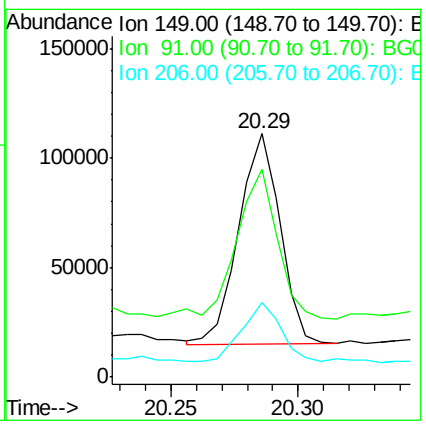


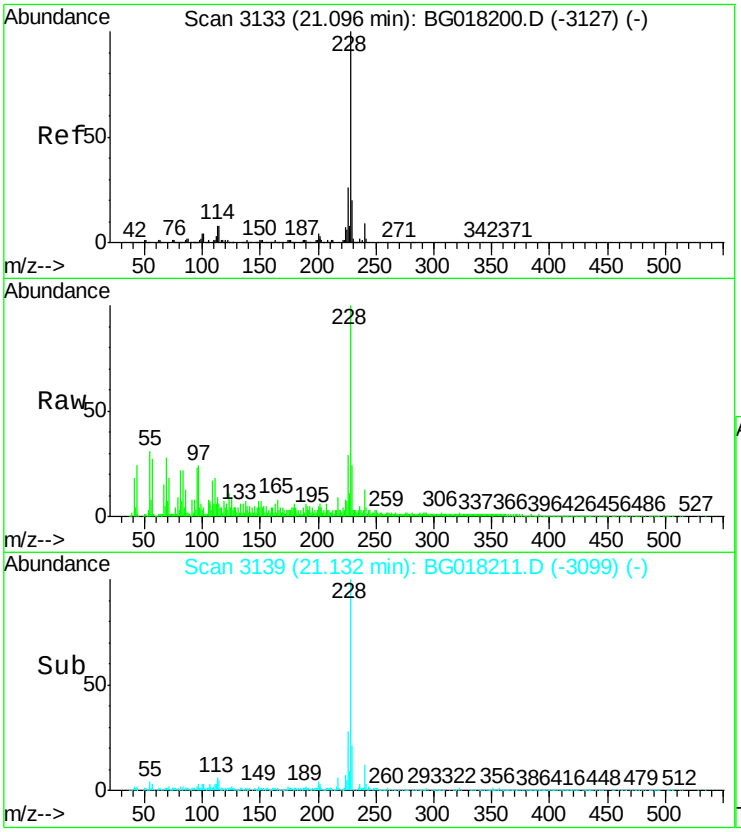


#81
Butylbenzylphthalate
Concen: 14.36 ng/ul
RT: 20.29 min Scan# 2995
Delta R.T. 0.02 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:149 Resp: 109773

Ion	Ratio	Lower	Upper
149	100		
91	85.2	46.6	69.8#
206	30.5	21.8	32.8



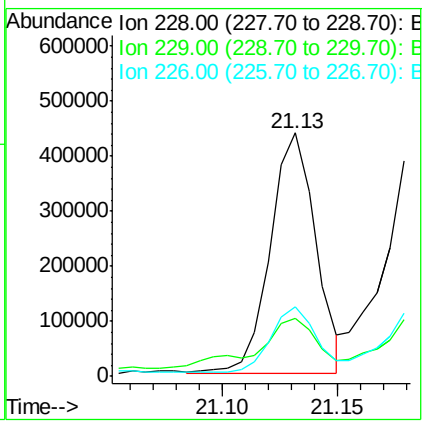


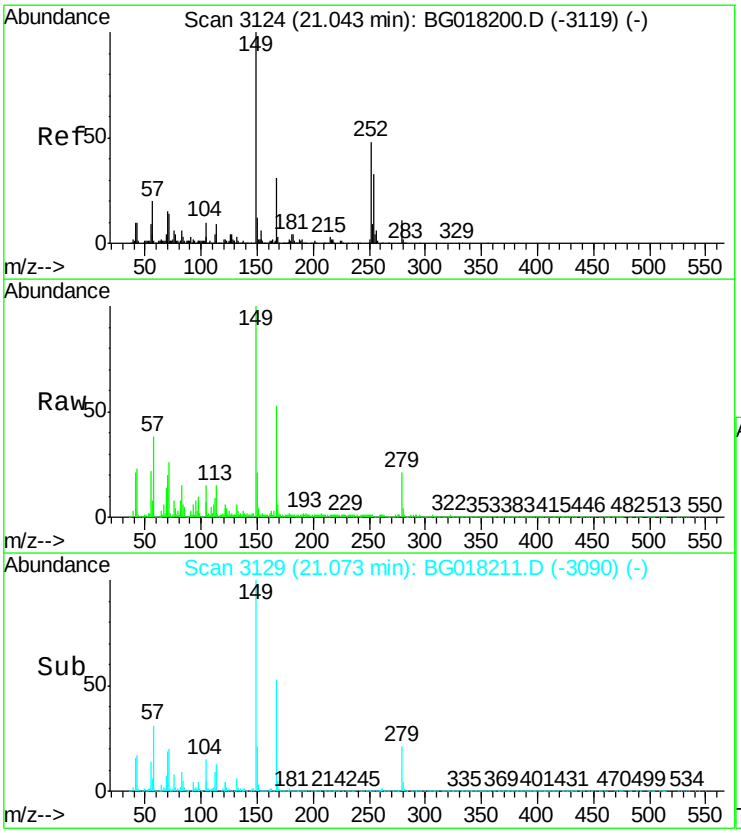
#83
Benzo(a)anthracene
Concen: 35.57 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. 0.04 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 594472

Ion	Ratio	Lower	Upper
228	100		
229	23.8	16.5	24.7
226	28.8	21.5	32.3

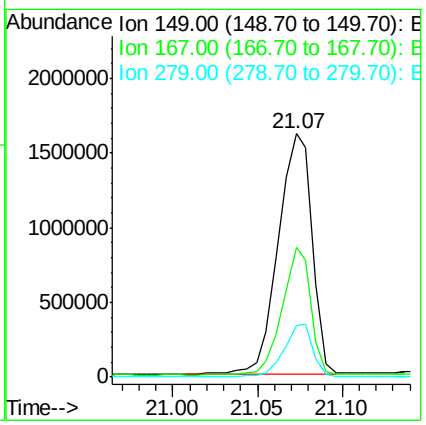


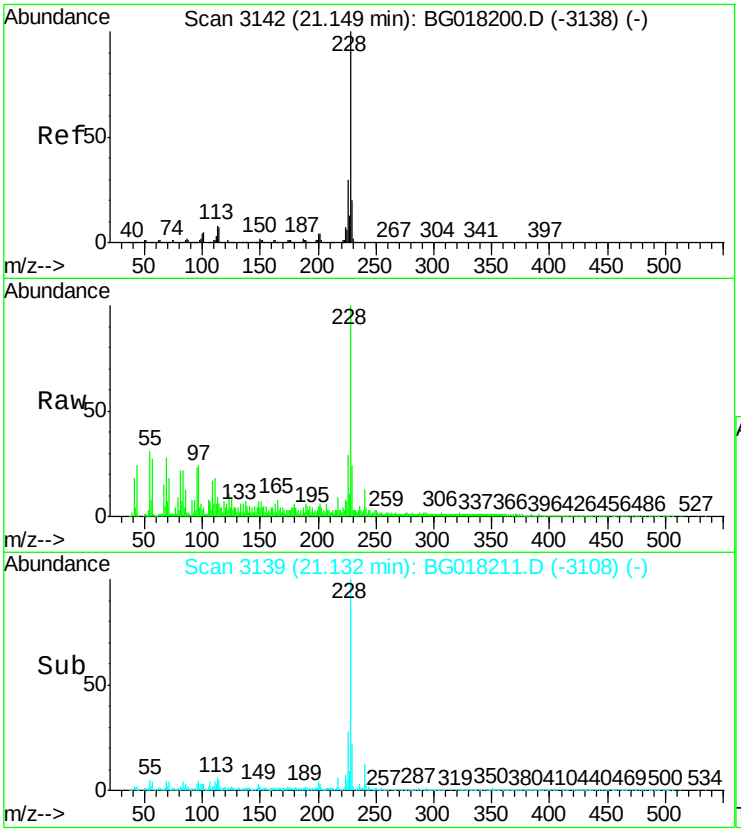


#84
Bis(2-ethylhexyl)phthalate
Concen: 215.45 ng/ul
RT: 21.07 min Scan# 3129
Delta R.T. 0.03 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:149 Resp: 2222854

Ion	Ratio	Lower	Upper
149	100		
167	53.3	27.4	41.2#
279	21.0	8.3	12.5#



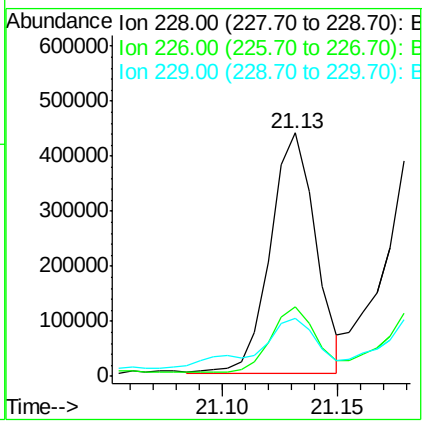


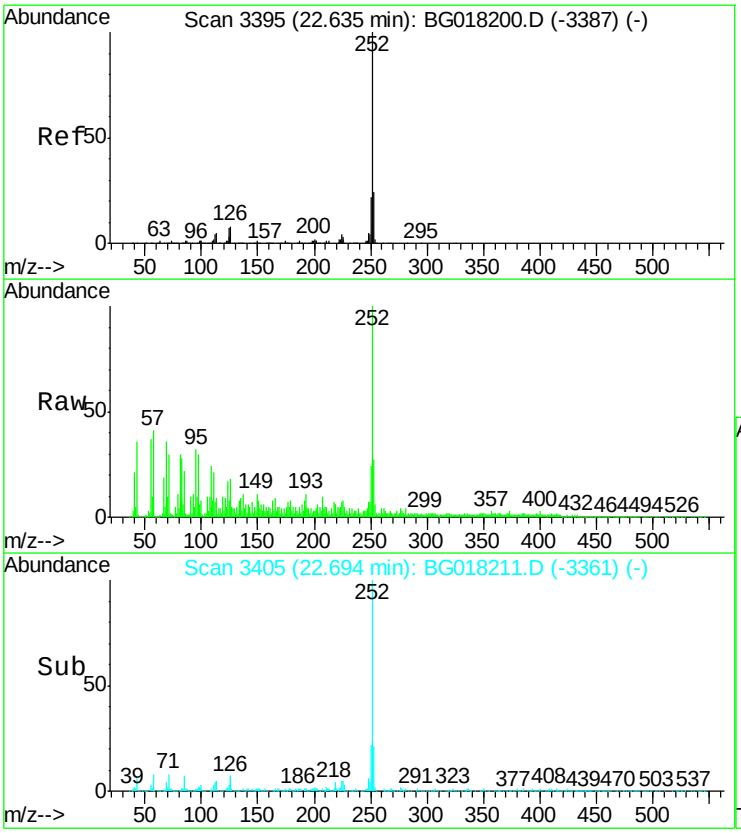
#85
Chrysene
Concen: 38.91 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 595691

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	23.8	16.2	24.2

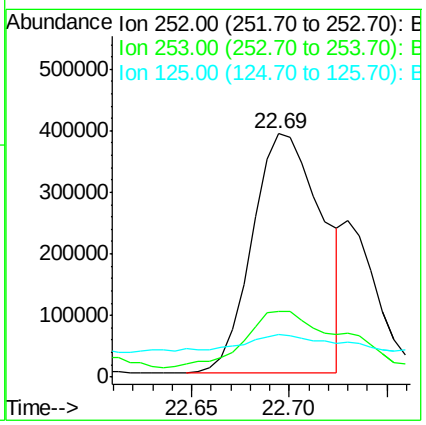


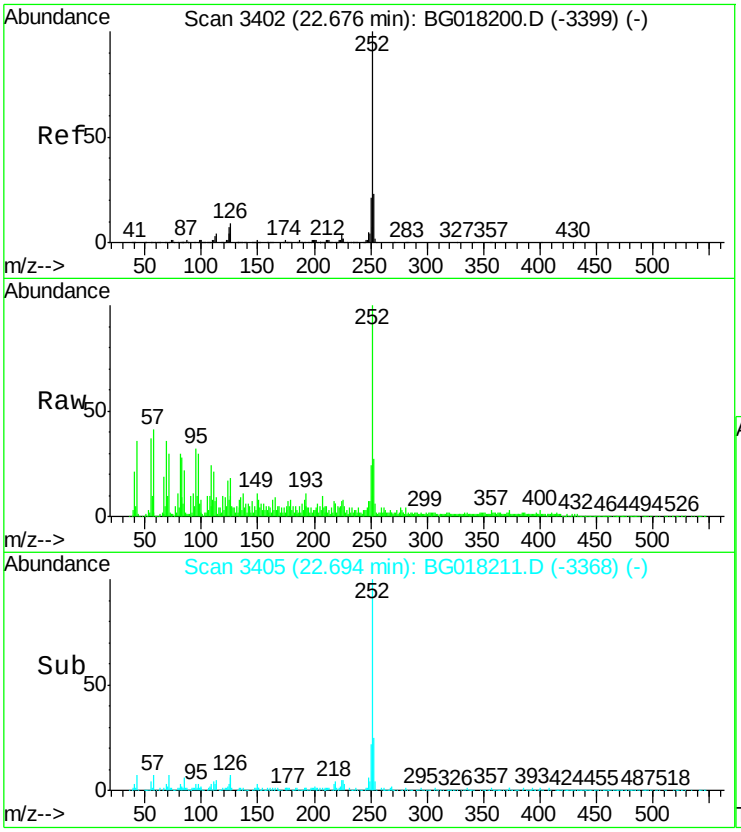


#88
Benzo(b)fluoranthene
Concen: 50.75 ng/ul
RT: 22.69 min Scan# 3405
Delta R.T. 0.06 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:252 Resp: 958924

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.5	27.7
125	17.6	7.4	11.0#



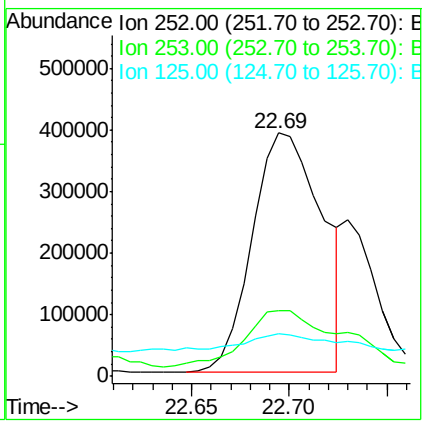


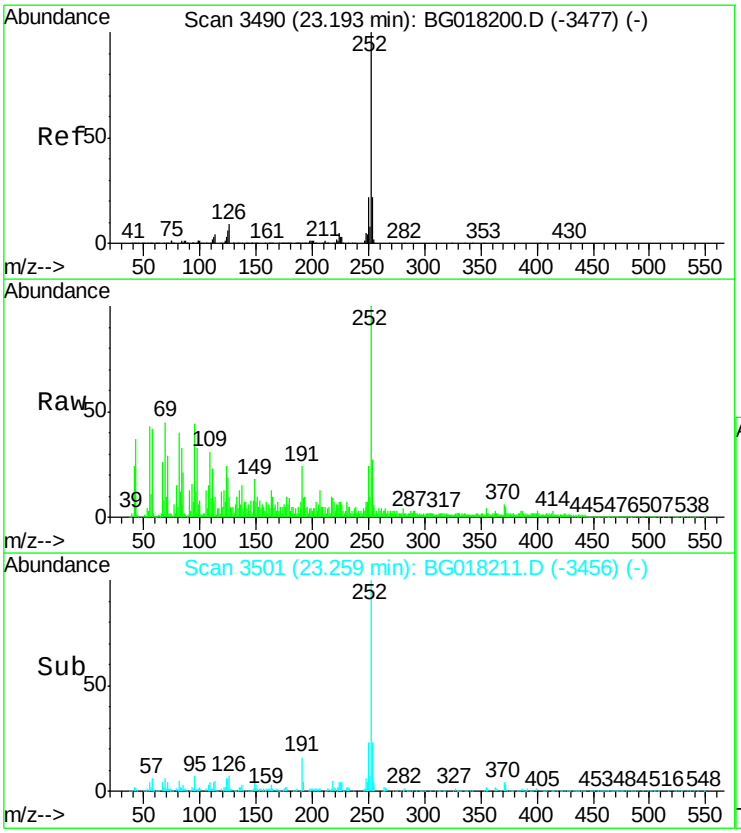
#89
Benzo(k)fluoranthene
Concen: 55.22 ng/ul
RT: 22.69 min Scan# 3405
Delta R.T. 0.02 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 958924

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.2	27.2
125	17.6	7.5	11.3#

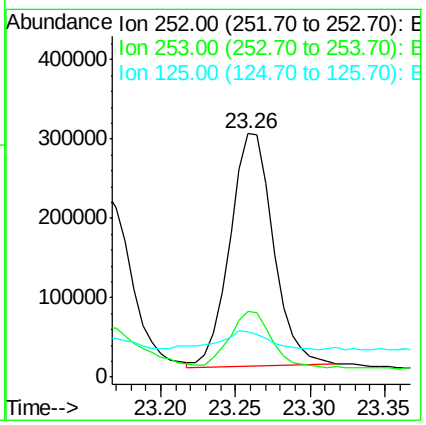


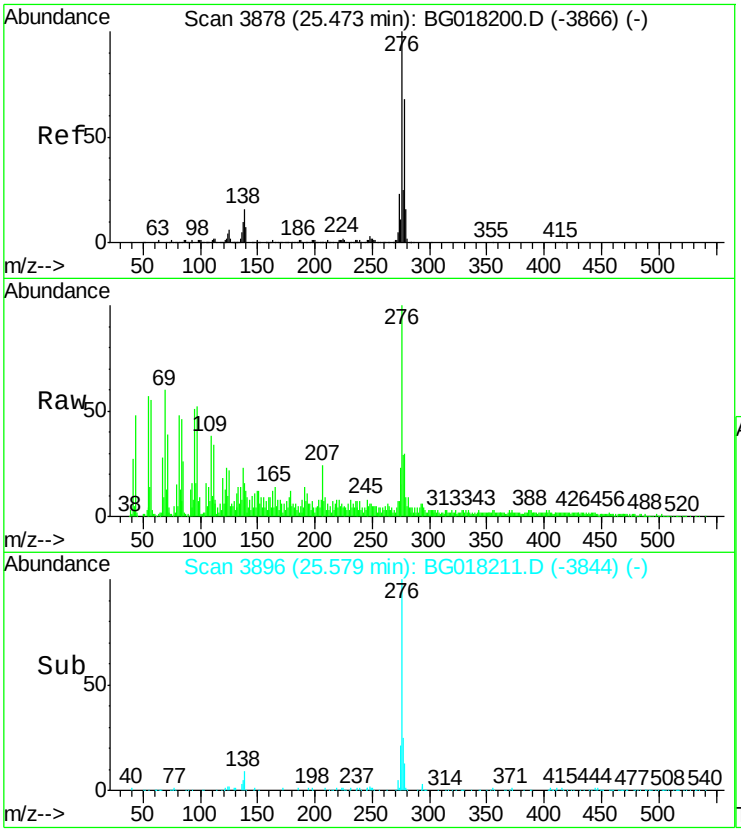


#91
Benzo(a)pyrene
Concen: 35.31 ng/ul
RT: 23.26 min Scan# 3501
Delta R.T. 0.07 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:252 Resp: 596885

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.4	26.2#
125	18.8	7.3	10.9#



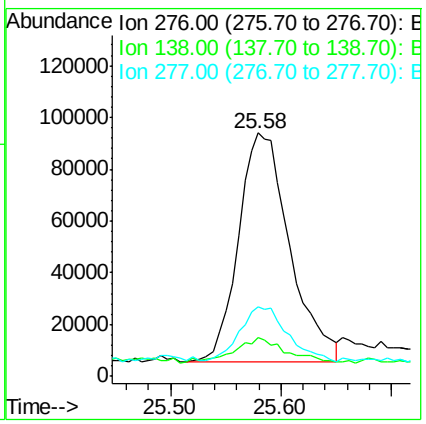


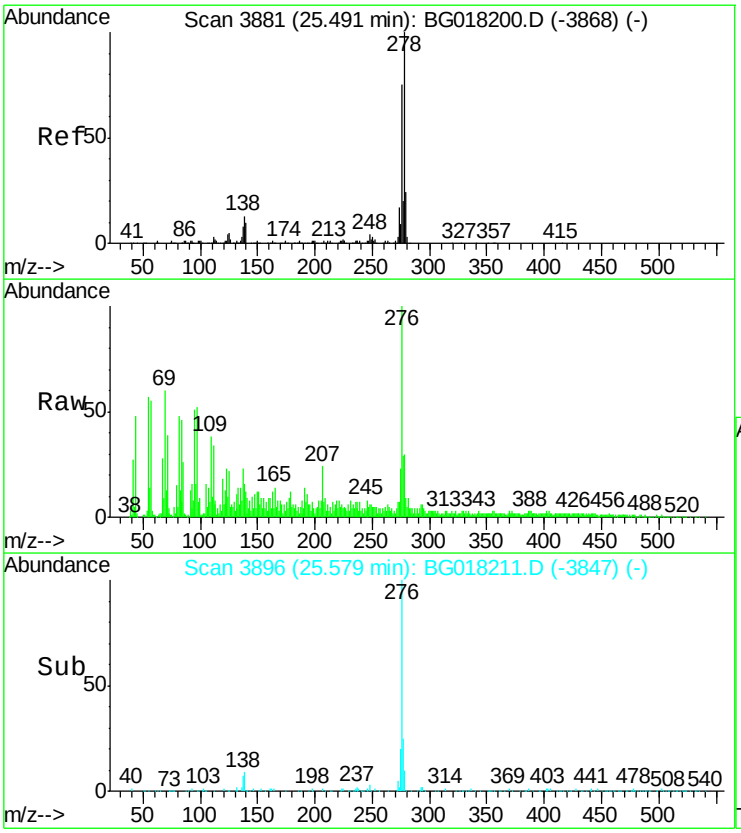
#92
Indeno(1,2,3-cd)pyrene
Concen: 14.67 ng/ul
RT: 25.58 min Scan# 3896
Delta R.T. 0.11 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 286920

Ion	Ratio	Lower	Upper
276	100		
138	15.8	17.2	25.8#
277	28.8	19.5	29.3





#93
Dibenzo(a,h)anthracene
Concen: 4.33 ng/ul
RT: 25.58 min Scan# 3896
Delta R.T. 0.09 min
Lab File: BG018211.D
Acq: 1 Aug 2015 9:18

Tgt Ion:278 Resp: 72478

Ion	Ratio	Lower	Upper
278	100		
139	40.0	12.2	18.2#
279	31.0	20.0	30.0#