Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018233.D
Acq On : 2 Aug 2015 19:20
Operator : TP
Sample : G3073-21RE
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5RE

Quant Time: Aug 03 06:03:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	86138	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	328941	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.17	164	147318	20.00	ng/ul	0.03
62) Phenanthrene-d10	17.02	188	200966	20.00	ng/ul	0.11
78) Chrysene-d12	21.27	240	722	20.00	ng/ul	0.15
86) Perylene-d12	23.33	264	332967	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	2451	2.15	ng/uL	0.00
5) Phenol-d5	6.69	99	122801	15.85	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.83	67	63844	16.13	ng/ul	0.01
9) 2-Chlorophenol-d4	7.02	132	109419	18.70	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	91758	14.55	ng/ul	0.02
19) Nitrobenzene-d5	8.65	128	58751	22.67	ng/ul	0.02
22) 2-Nitrophenol-d4	9.36	143	54625	18.37	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	108628	20.67	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	51929	7.93	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	255921	22.48	ng/ul	0.01
47) Acenaphthylene-d8	13.86	160	237645	18.00	ng/ul	0.03
52) 4-Nitrophenol-d4	14.43	143	19442	9.23	ng/ul	0.03
58) Fluorene-d10	15.17	176	163978	15.92	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.39	200	800	0.57	ng/ul	0.10
71) Anthracene-d10	17.02	188	200243	22.92	ng/ul	0.02
79) Pyrene-d10	19.45	212	572	16.38	ng/ul	0.13
90) Benzo(a)pyrene-d12	23.19	264	231948	13.78	ng/ul	0.04
Target Compounds						Qvalue
21) Isophorone	9.19	82	29344	2.29	ng/ul#	1
24) 2,4-Dimethylphenol	9.46	107	27112	4.15	ng/ul#	27
28) Naphthalene	10.32	128	115671	7.30	ng/ul	96
30) 4-Chloroaniline	10.56	127	7552	1.14	ng/ul	95
32) Caprolactam	11.20	113	2529	1.01	ng/ul#	1
34) 2-Methylnaphthalene	11.95	142	61101	4.87	ng/ul	96
35) 1-Methylnaphthalene	12.18	142	32738	2.72	ng/ul#	94
39) 2,4,6-Trichlorophenol	12.62	196	3589	1.29	ng/ul#	14
41) 1,1'-Biphenyl	12.99	154	11400	1.08	ng/ul#	93
43) 2-Nitroaniline	13.26	65	4446	1.62	ng/ul#	6
45) Dimethylphthalate	13.63	163	103820	9.17	ng/ul#	96
46) 2,6-Dinitrotoluene	13.78	165	14584	5.61	ng/ul#	34
48) Acenaphthylene	13.90	152	18678	1.42	ng/ul#	12
50) Acenaphthene	14.24	153	42981	5.03	ng/ul	94
54) Dibenzofuran	14.57	168	36095	2.81	ng/ul#	55
59) Fluorene	15.23	166	38439	3.46	ng/ul#	81
65) N-Nitrosodiphenylamine	15.55	169	24682	4.74	ng/ul#	57
70) Phenanthrene	16.97	178	157022	15.38	ng/ul	95
80) Pyrene	19.51	202	1058	24.16	ng/ul#	67
81) Butylbenzylphthalate	20.40	149	1546	86.91	ng/ul#	46
82) 3,3'-Dichlorobenzidine	21.20	252	336	22.07	ng/ul#	56
83) Benzo(a)anthracene	21.26	228	191	4.91	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.18	149	322	13.42	ng/ul#	59

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018233.D
Acq On : 2 Aug 2015 19:20
Operator : TP
Sample : G3073-21RE
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5RE

Quant Time: Aug 03 06:03:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Chrysene	21.29	228	17290	485.46	ng/ul#	41
88) Benzo(b)fluoranthene	22.67	252	283782	14.19	ng/ul#	77
89) Benzo(k)fluoranthene	22.67	252	283782	15.44	ng/ul#	76
91) Benzo(a)pyrene	23.23	252	169584	9.48	ng/ul#	74
92) Indeno(1,2,3-cd)pyrene	25.54	276	76698	3.70	ng/ul#	86
94) Benzo(g,h,i)perylene	26.22	276	32231	1.91	ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018233.D
Acq On : 2 Aug 2015 19:20
Operator : TP
Sample : G3073-21RE
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
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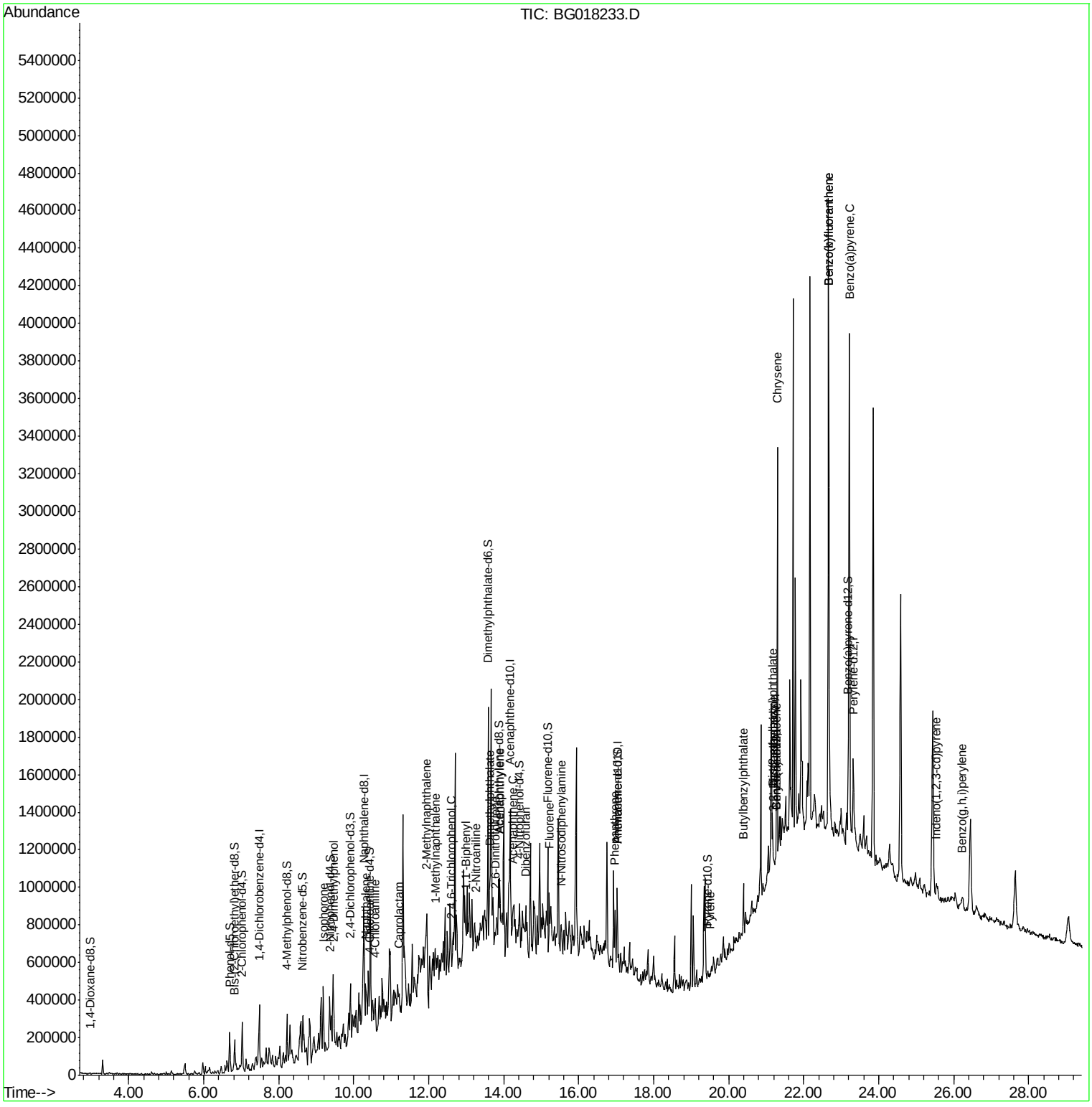
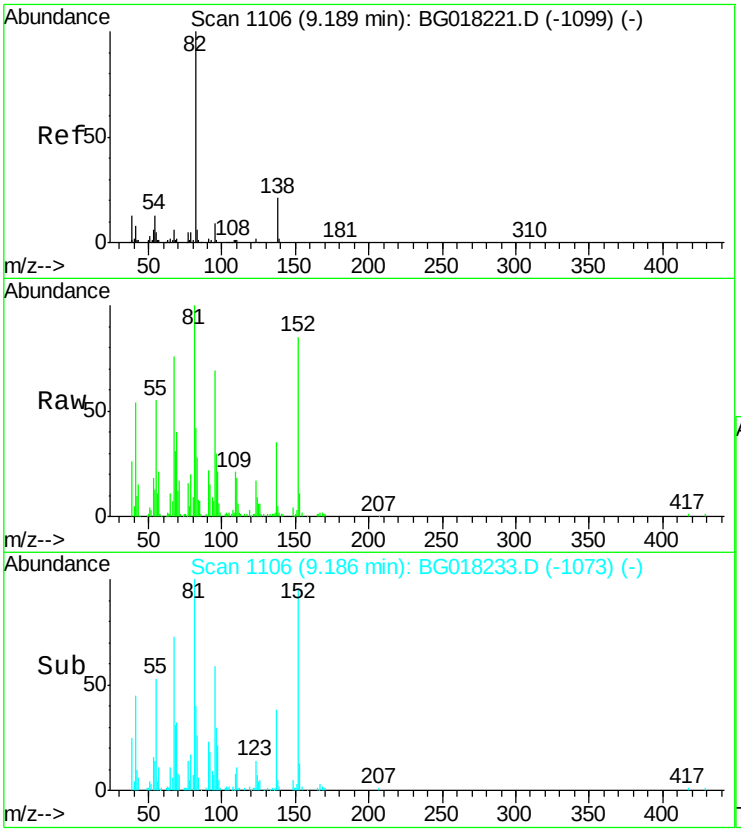
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration



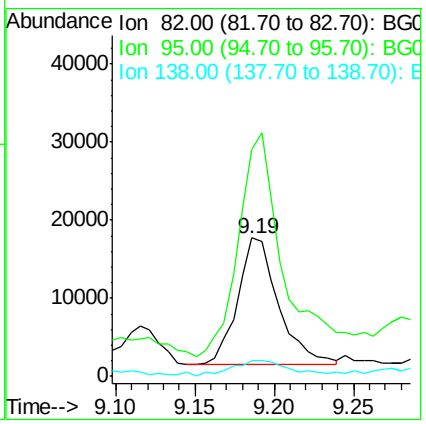


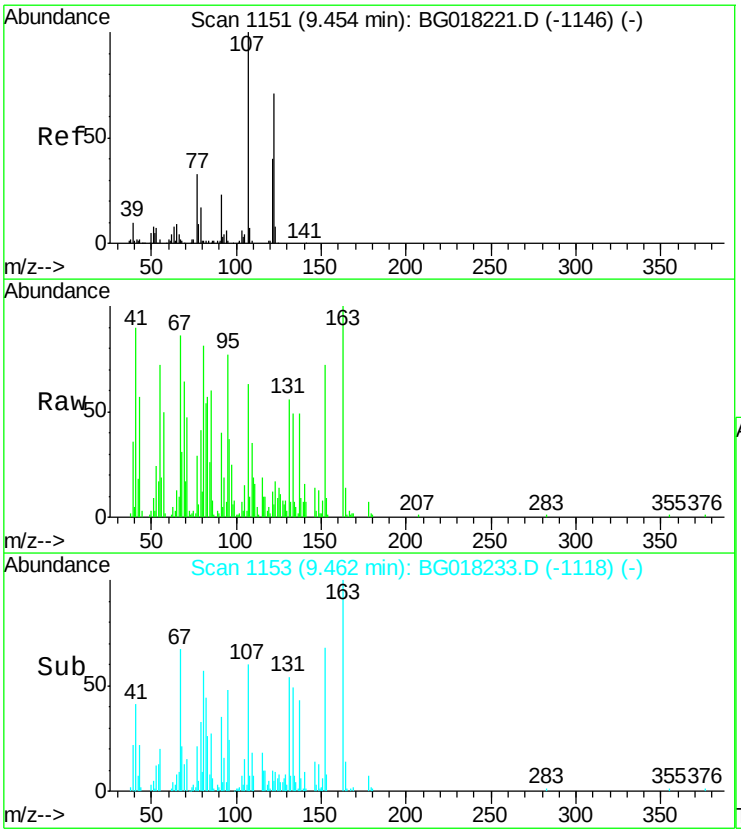
#21
Isophorone
Concen: 2.29 ng/ul
RT: 9.19 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion: 82 Resp: 29344

Ion	Ratio	Lower	Upper
82	100		
95	164.3	6.5	9.7#
138	11.0	20.9	31.3#

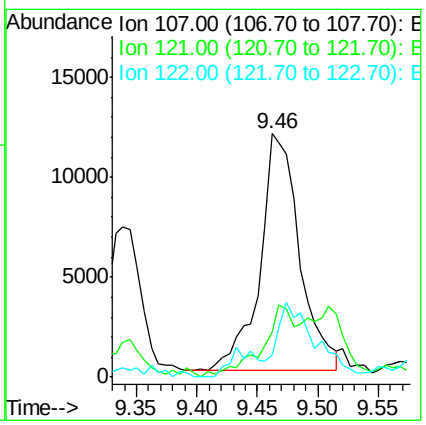


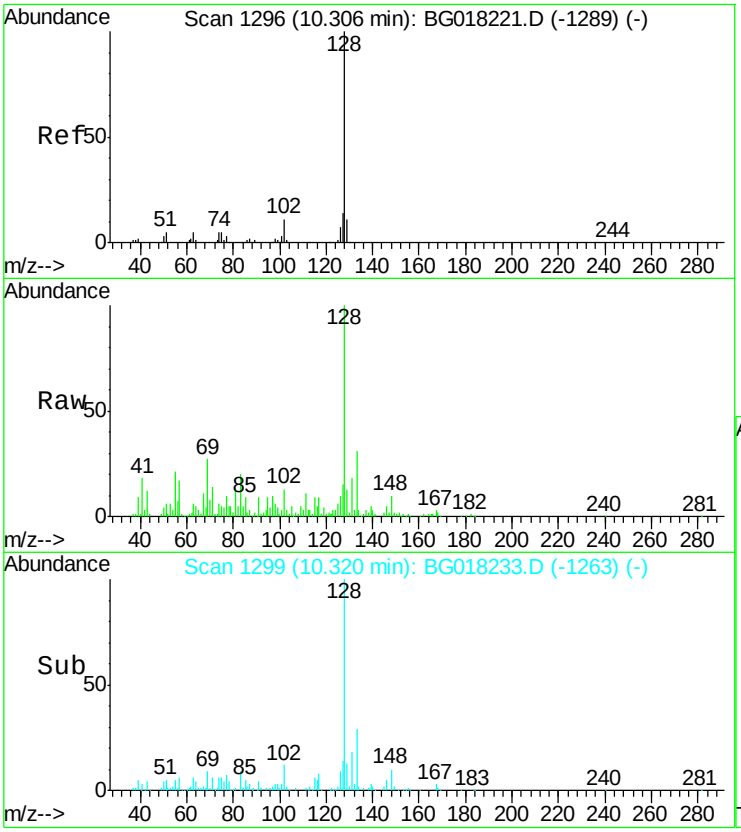


#24
2,4-Dimethylphenol
Concen: 4.15 ng/ul
RT: 9.46 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion:107 Resp: 27112

Ion	Ratio	Lower	Upper
107	100		
121	18.6	41.4	62.2#
122	9.3	75.3	112.9#



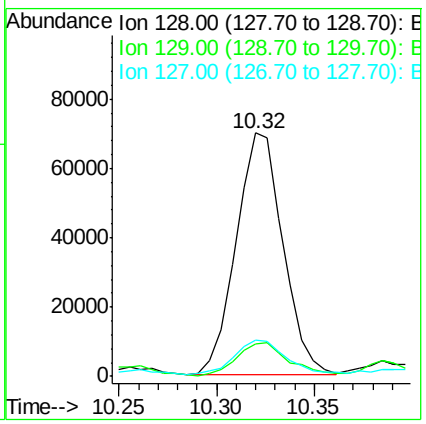


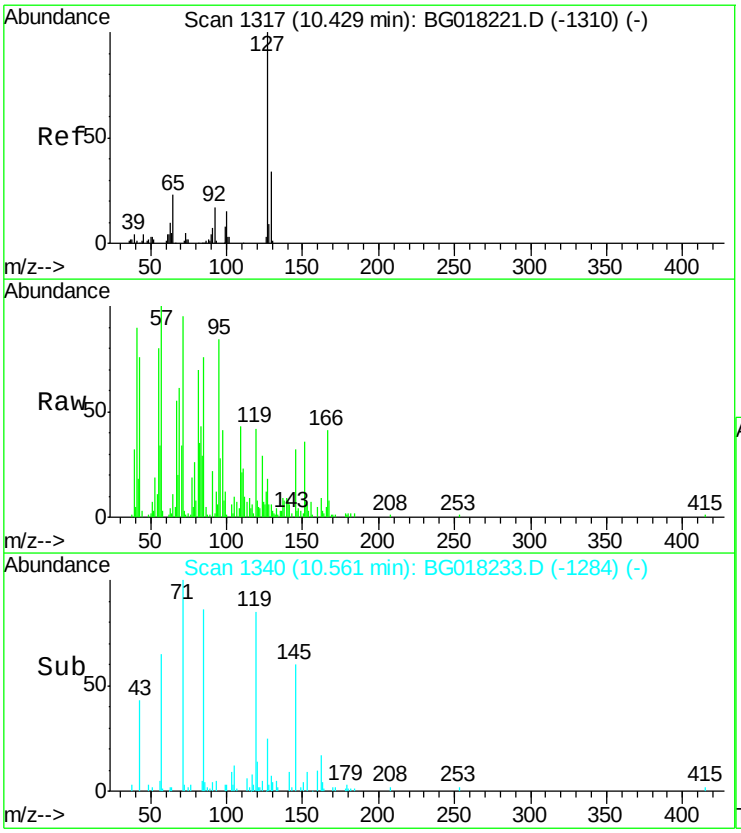
#28
Naphthalene
Concen: 7.30 ng/ul
RT: 10.32 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:128 Resp: 115671

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.1	13.7
127	15.1	11.2	16.8

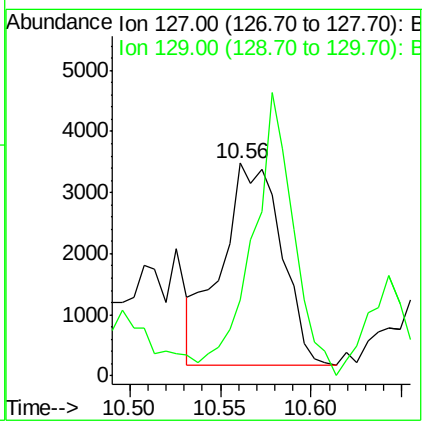


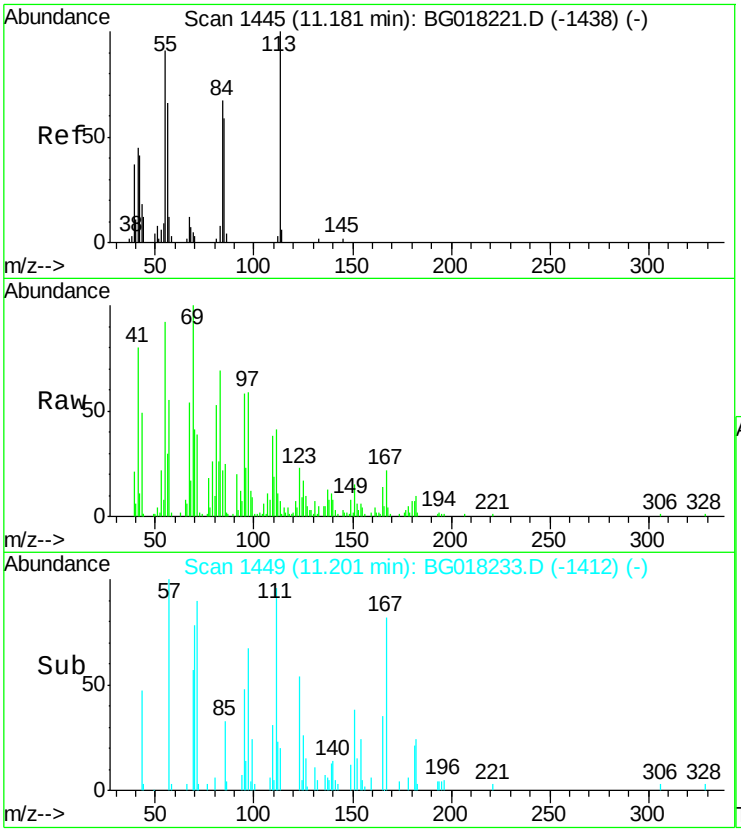


#30
4-Chloroaniline
Concen: 1.14 ng/ul
RT: 10.56 min Scan# 1340
Delta R.T. 0.13 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion:127 Resp: 7552

Ion	Ratio	Lower	Upper
127	100		
129	35.9	26.2	39.4



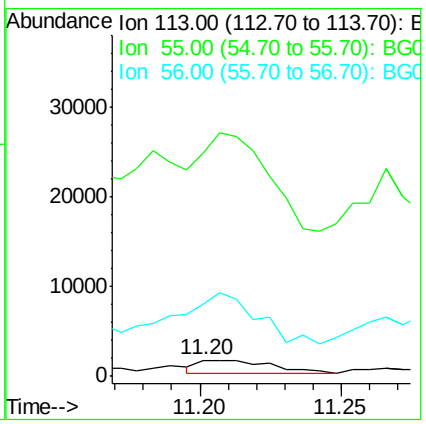


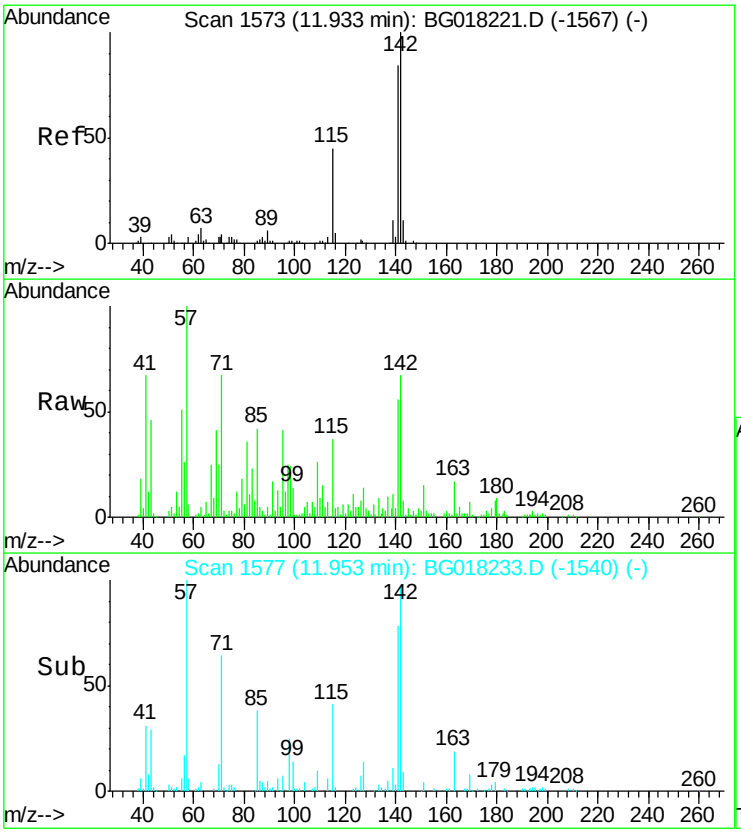
#32
Caprolactam
Concen: 1.01 ng/ul
RT: 11.20 min Scan# 1449
Delta R.T. 0.02 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:113 Resp: 2529

Ion	Ratio	Lower	Upper
113	100		
55	1360.4	64.6	96.8#
56	438.4	53.2	79.8#

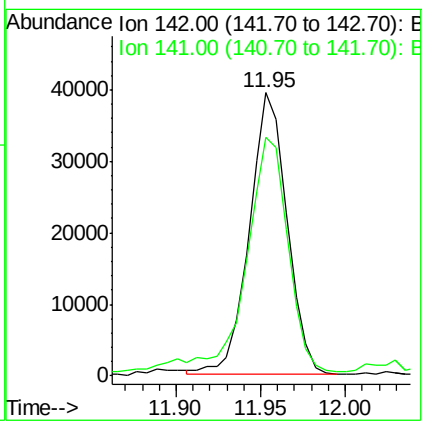


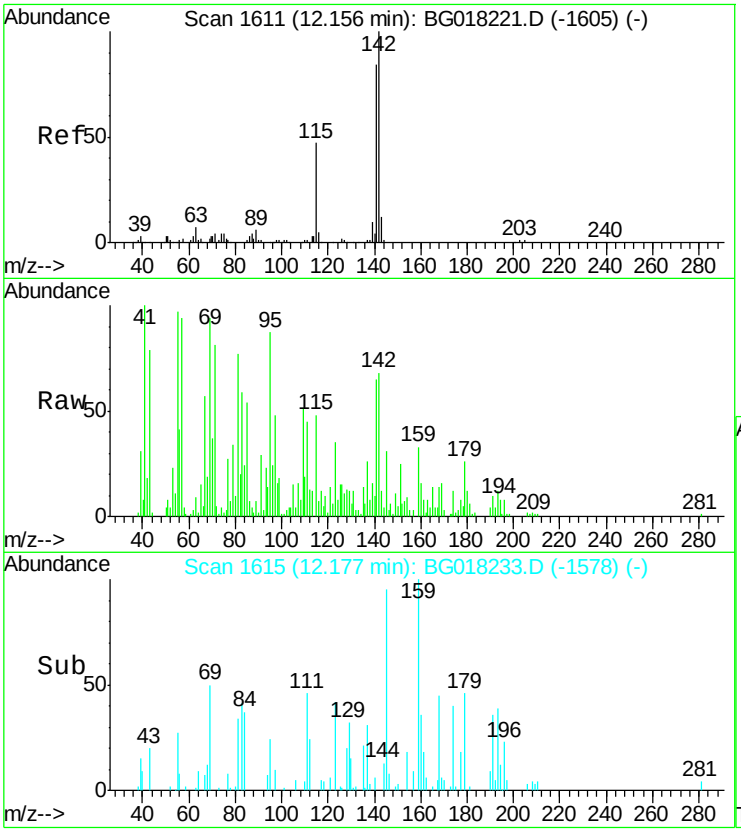


#34
2-Methylnaphthalene
Concen: 4.87 ng/ul
RT: 11.95 min Scan# 1577
Delta R.T. 0.02 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion:142 Resp: 61101

Ion	Ratio	Lower	Upper
142	100		
141	84.3	70.3	105.5



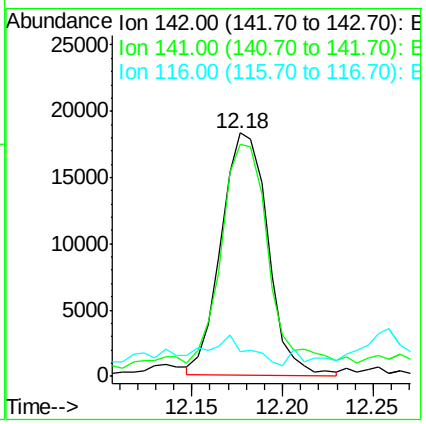


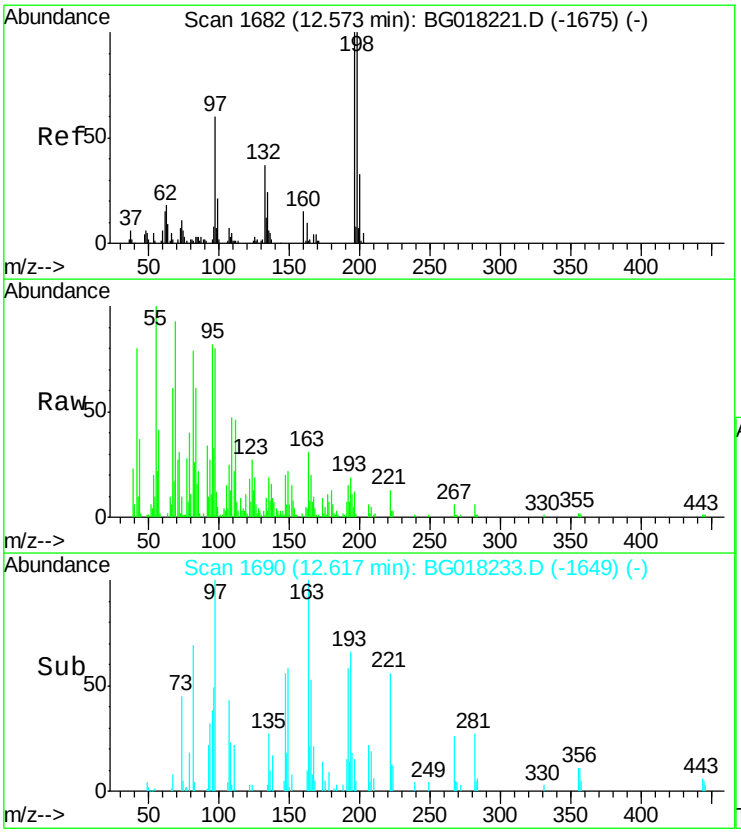
#35
1-Methylnaphthalene
Concen: 2.72 ng/ul
RT: 12.18 min Scan# 1615
Delta R.T. 0.02 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:142 Resp: 32738

Ion	Ratio	Lower	Upper
142	100		
141	95.6	72.5	108.7
116	10.3	2.6	4.0#

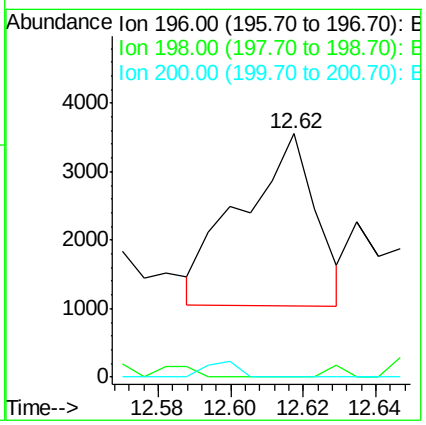


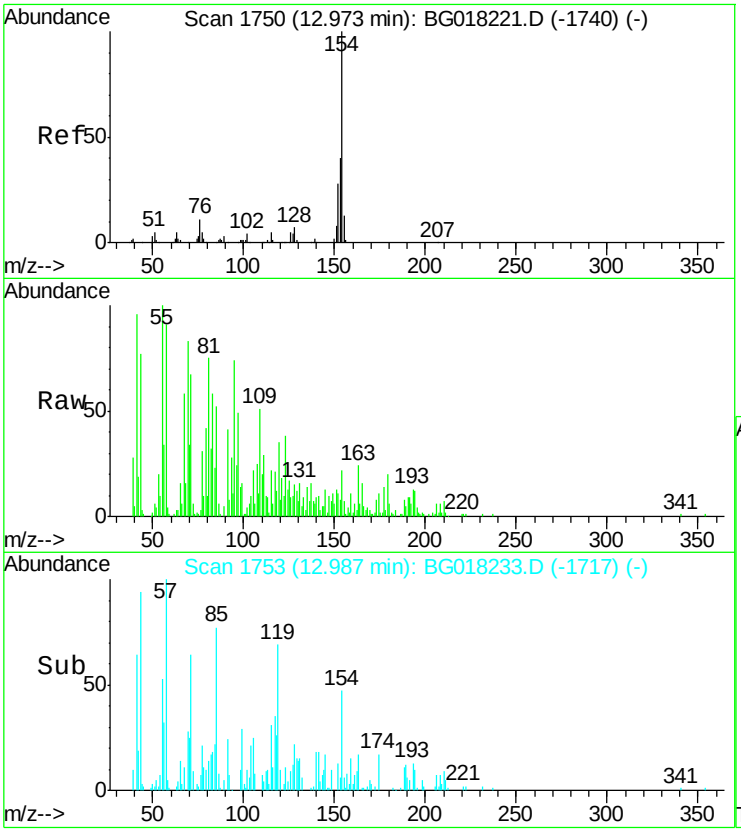


#39
2,4,6-Trichlorophenol
Concen: 1.29 ng/ul
RT: 12.62 min Scan# 1690
Delta R.T. 0.04 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion:196 Resp: 3589

Ion	Ratio	Lower	Upper
196	100		
198	0.0	73.8	110.8#
200	0.0	24.6	37.0#



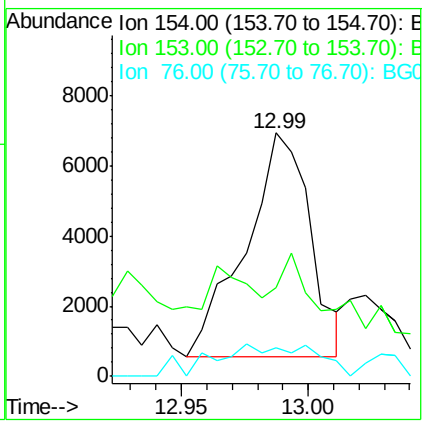


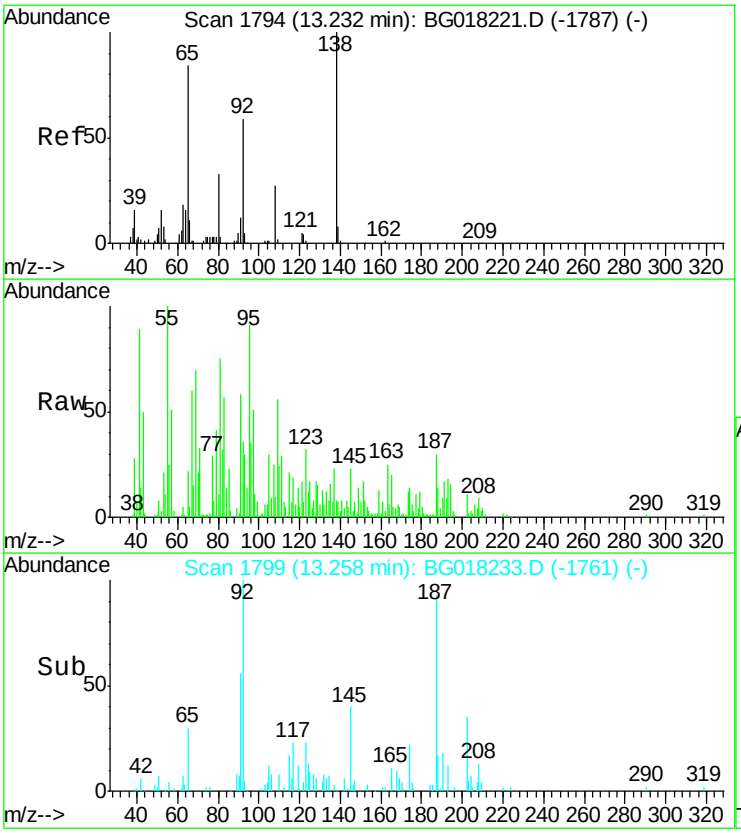
#41
1,1'-Biphenyl
Concen: 1.08 ng/ul
RT: 12.99 min Scan# 1753
Delta R.T. 0.01 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:154 Resp: 11400

Ion	Ratio	Lower	Upper
154	100		
153	36.3	32.3	48.5
76	11.9	7.4	11.0#

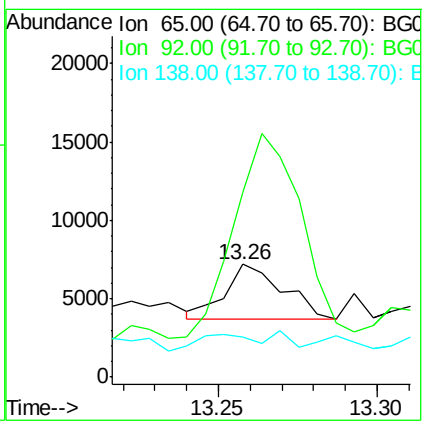


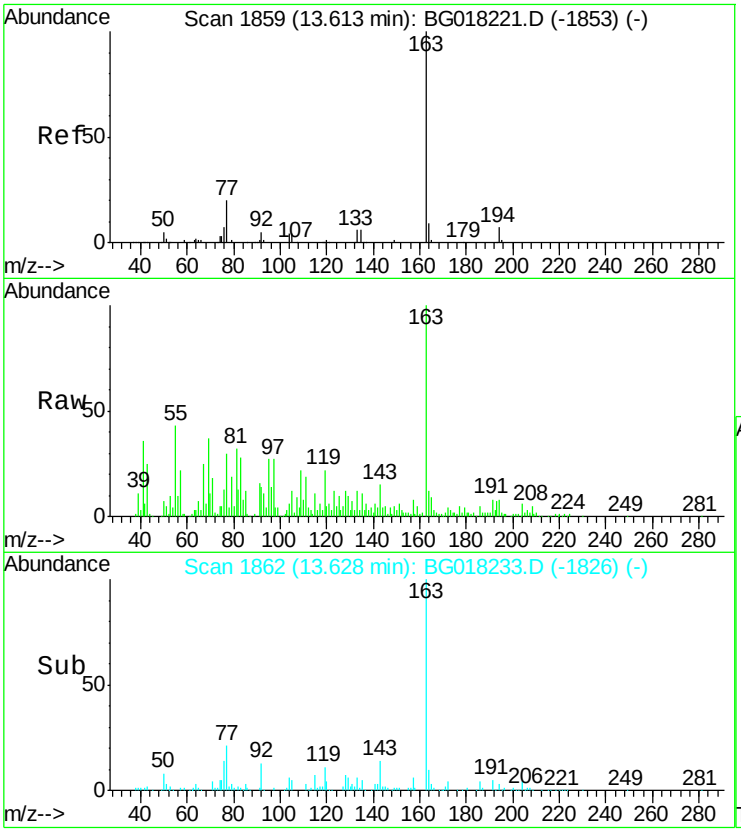


#43
2-Nitroaniline
Concen: 1.62 ng/ul
RT: 13.26 min Scan# 1799
Delta R.T. 0.03 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion: 65 Resp: 4446

Ion	Ratio	Lower	Upper
65	100		
92	164.0	67.1	100.7#
138	35.9	134.6	201.8#



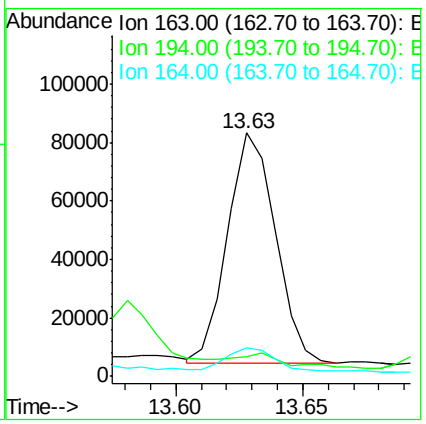


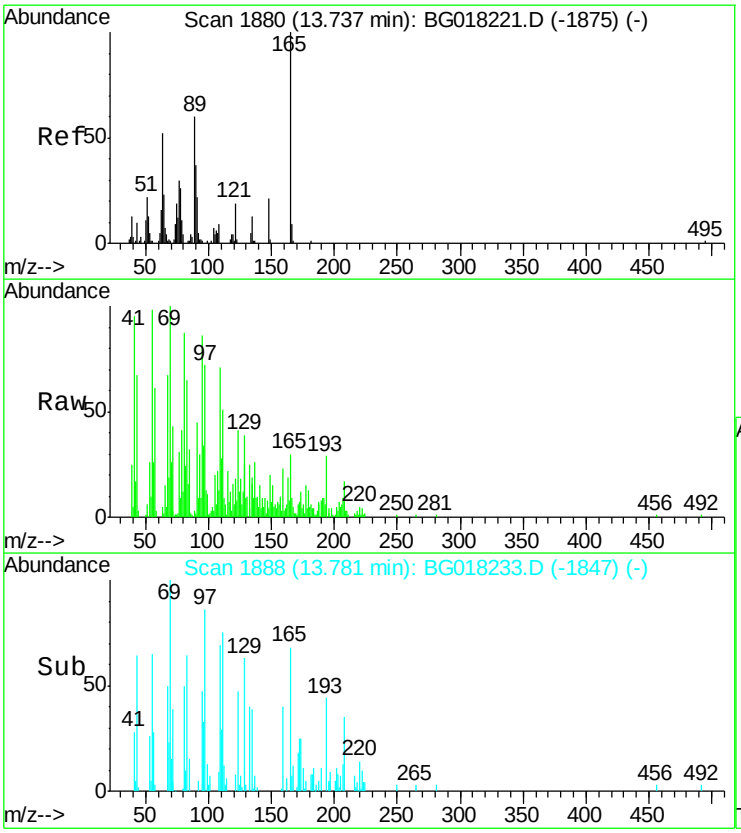
#45
Dimethylphthalate
Concen: 9.17 ng/ul
RT: 13.63 min Scan# 1862
Delta R.T. 0.01 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:163 Resp: 103820

Ion	Ratio	Lower	Upper
163	100		
194	8.3	5.2	7.8#
164	11.8	8.4	12.6

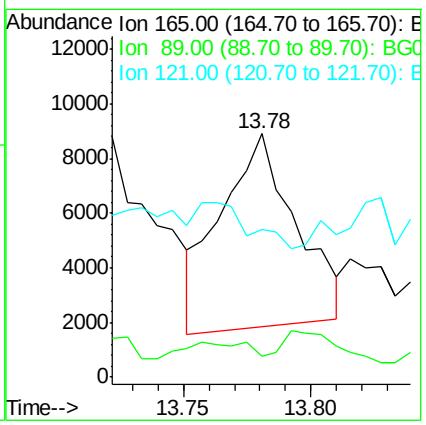


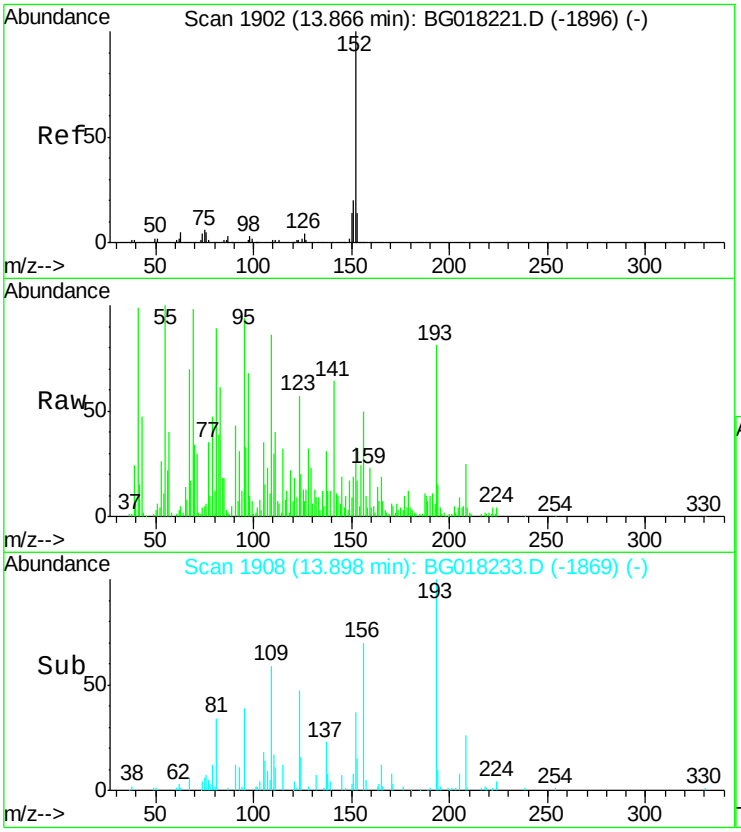


#46
2,6-Dinitrotoluene
Concen: 5.61 ng/ul
RT: 13.78 min Scan# 1888
Delta R.T. 0.04 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion:165 Resp: 14584

Ion	Ratio	Lower	Upper
165	100		
89	8.8	35.4	53.2#
121	60.6	15.0	22.6#



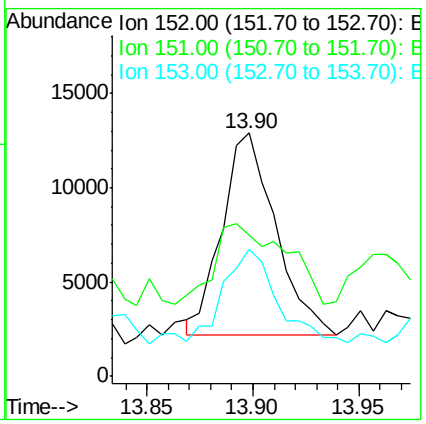


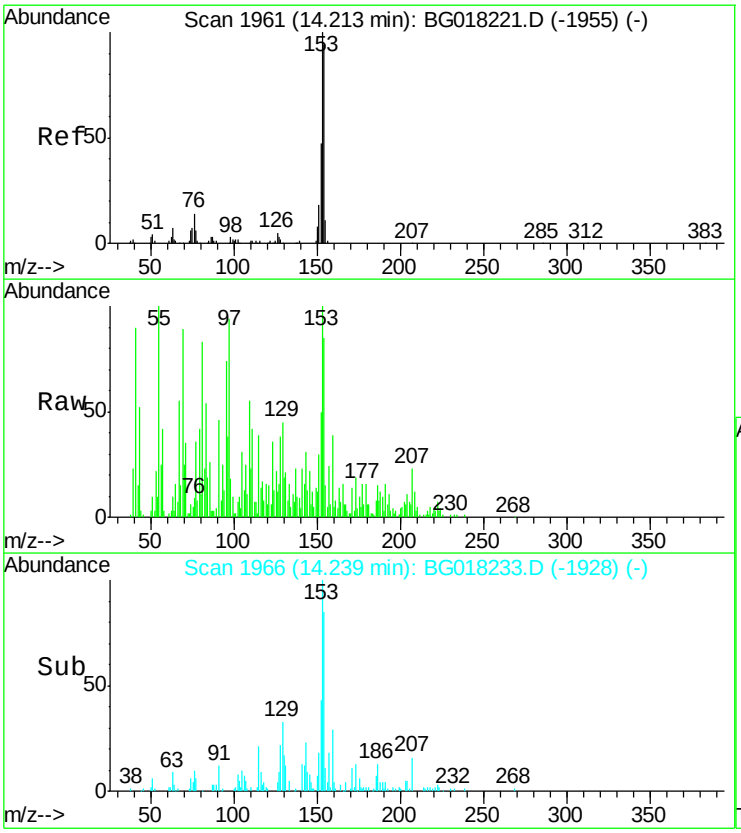
#48
Acenaphthylene
Concen: 1.42 ng/ul
RT: 13.90 min Scan# 1908
Delta R.T. 0.03 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:152 Resp: 18678

Ion	Ratio	Lower	Upper
152	100		
151	57.8	16.0	24.0#
153	52.3	11.0	16.4#

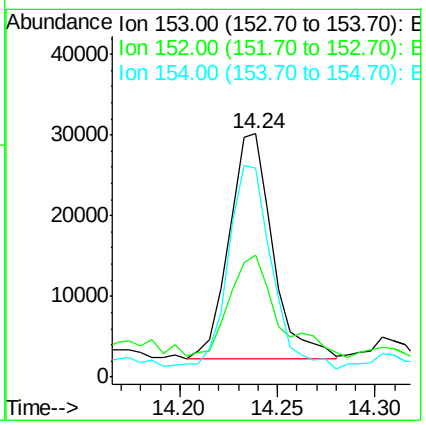


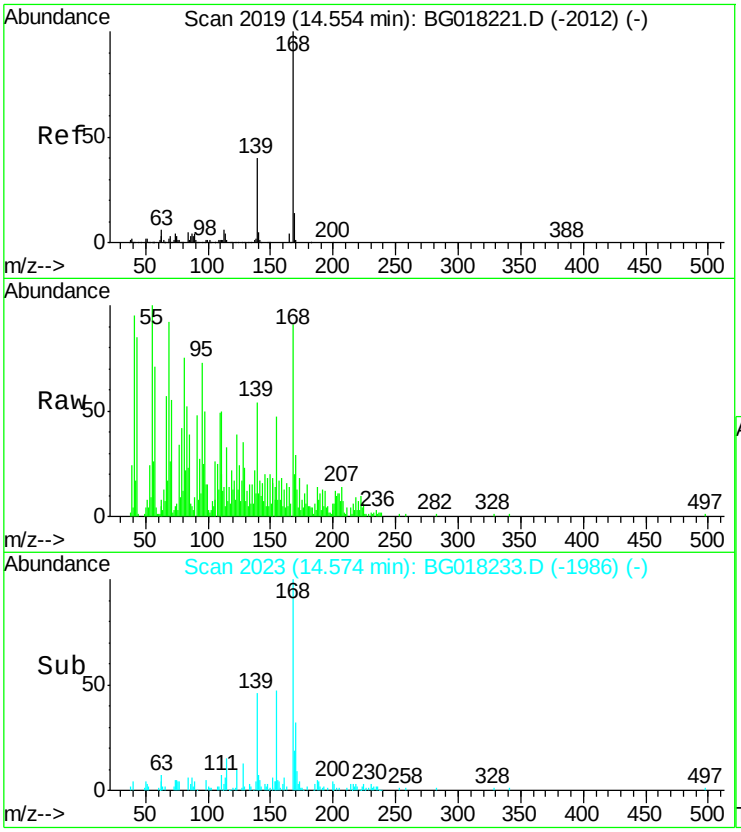


#50
Acenaphthene
Concen: 5.03 ng/ul
RT: 14.24 min Scan# 1966
Delta R.T. 0.03 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion:153 Resp: 42981

Ion	Ratio	Lower	Upper
153	100		
152	50.3	38.7	58.1
154	85.8	74.8	112.2



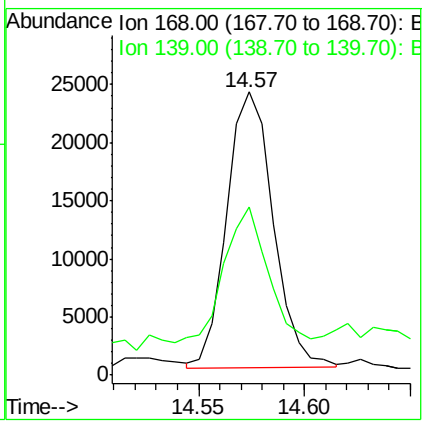


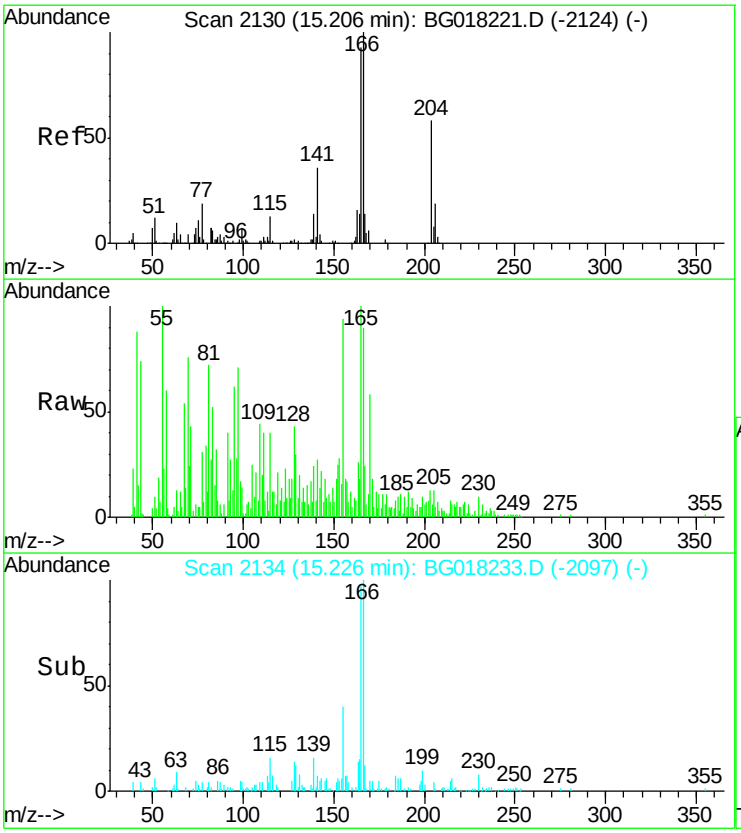
#54
Dibenzofuran
Concen: 2.81 ng/ul
RT: 14.57 min Scan# 2023
Delta R.T. 0.02 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:168 Resp: 36095

Ion	Ratio	Lower	Upper
168	100		
139	59.3	26.8	40.2#

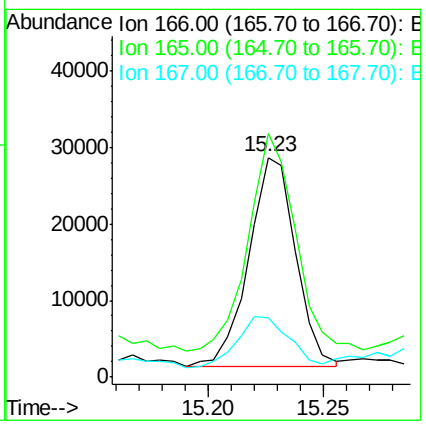


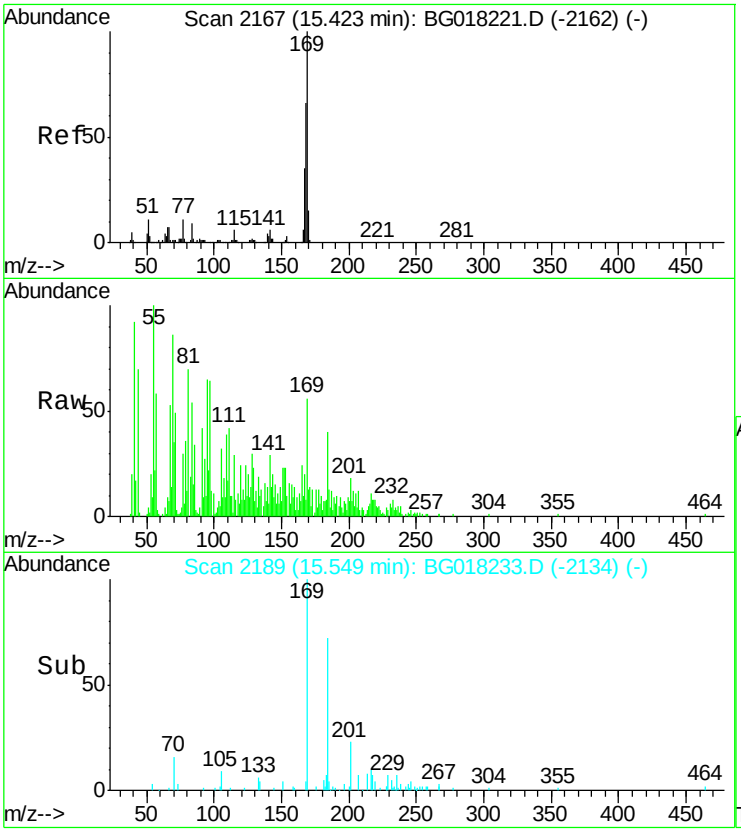


#59
Fluorene
Concen: 3.46 ng/ul
RT: 15.23 min Scan# 2134
Delta R.T. 0.02 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion:166 Resp: 38439

Ion	Ratio	Lower	Upper
166	100		
165	110.8	75.1	112.7
167	26.9	11.8	17.6#



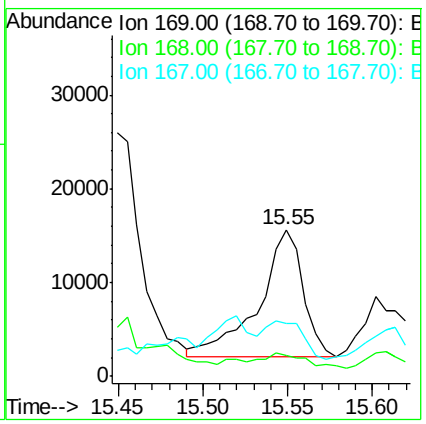


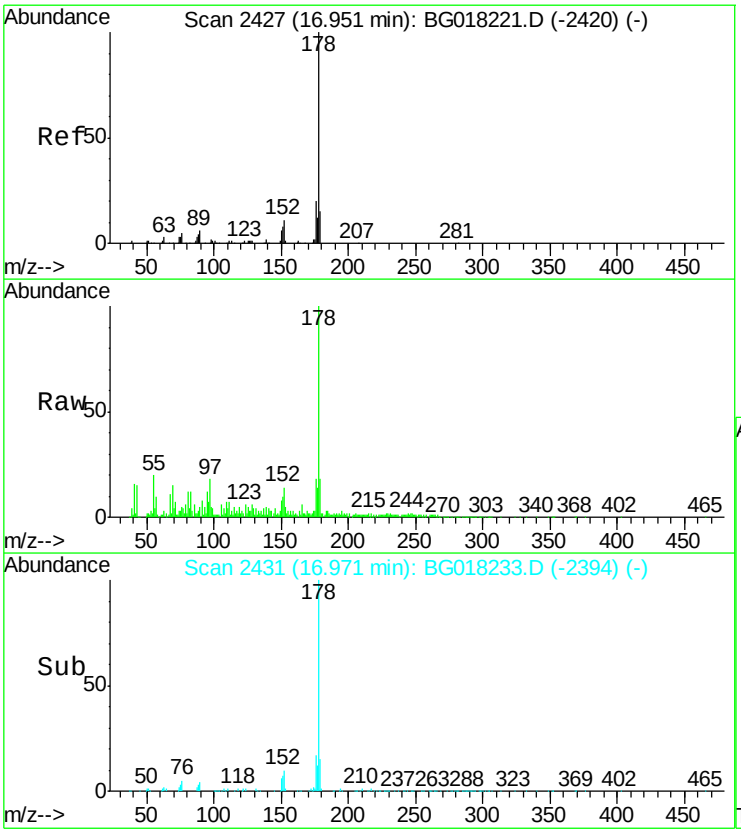
#65
N-Nitrosodiphenylamine
Concen: 4.74 ng/ul
RT: 15.55 min Scan# 2189
Delta R.T. 0.13 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:169 Resp: 24682

Ion	Ratio	Lower	Upper
169	100		
168	14.5	51.8	77.6#
167	36.2	27.7	41.5

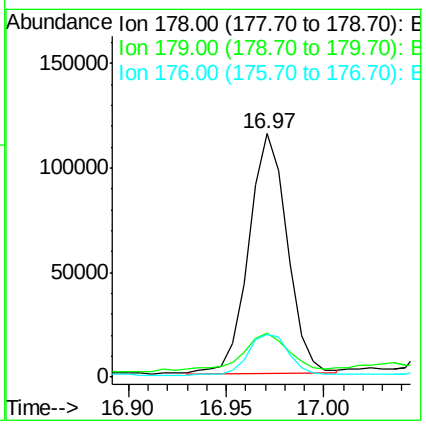


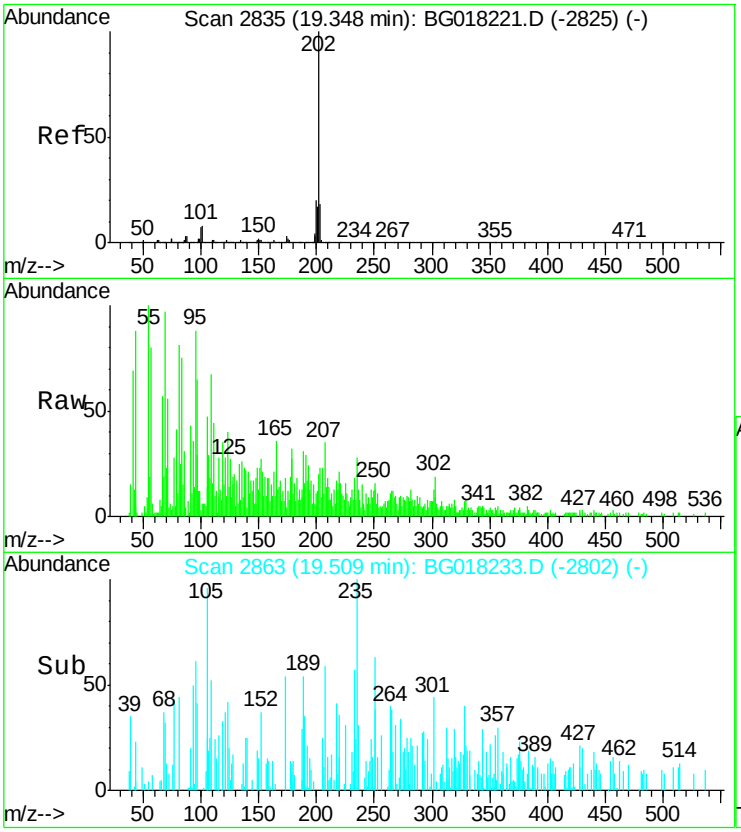


#70
Phenanthrene
Concen: 15.38 ng/ul
RT: 16.97 min Scan# 2431
Delta R.T. 0.02 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion:178 Resp: 157022

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.8	19.2
176	17.7	16.0	24.0



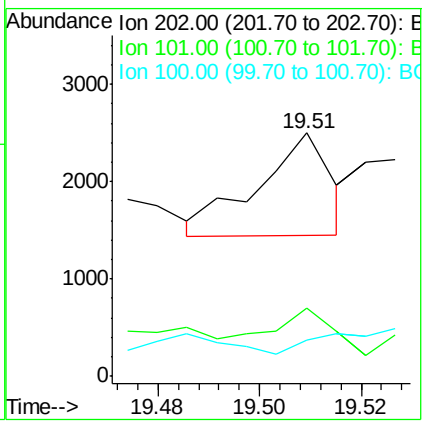


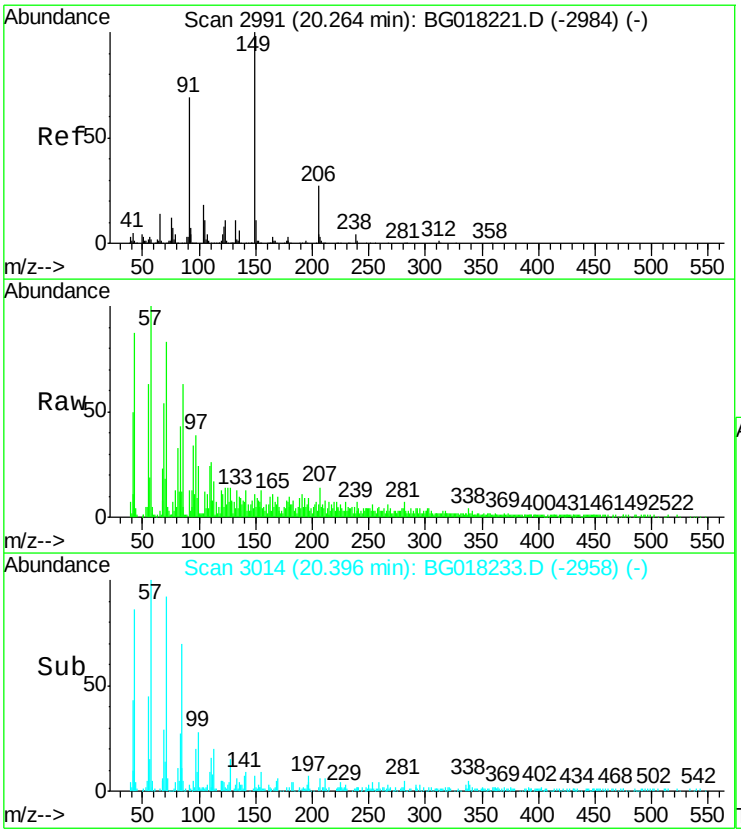
#80
Pyrene
Concen: 24.16 ng/ul
RT: 19.51 min Scan# 2863
Delta R.T. 0.16 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:202 Resp: 1058

Ion	Ratio	Lower	Upper
202	100		
101	28.3	8.1	12.1#
100	14.9	7.4	11.0#

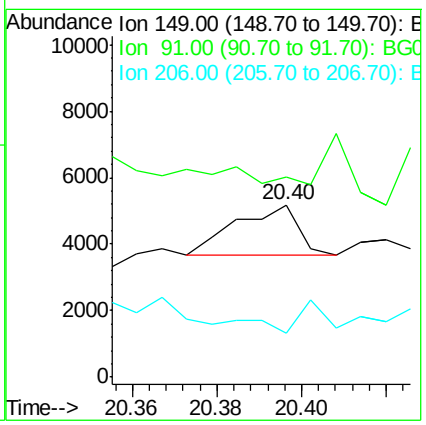


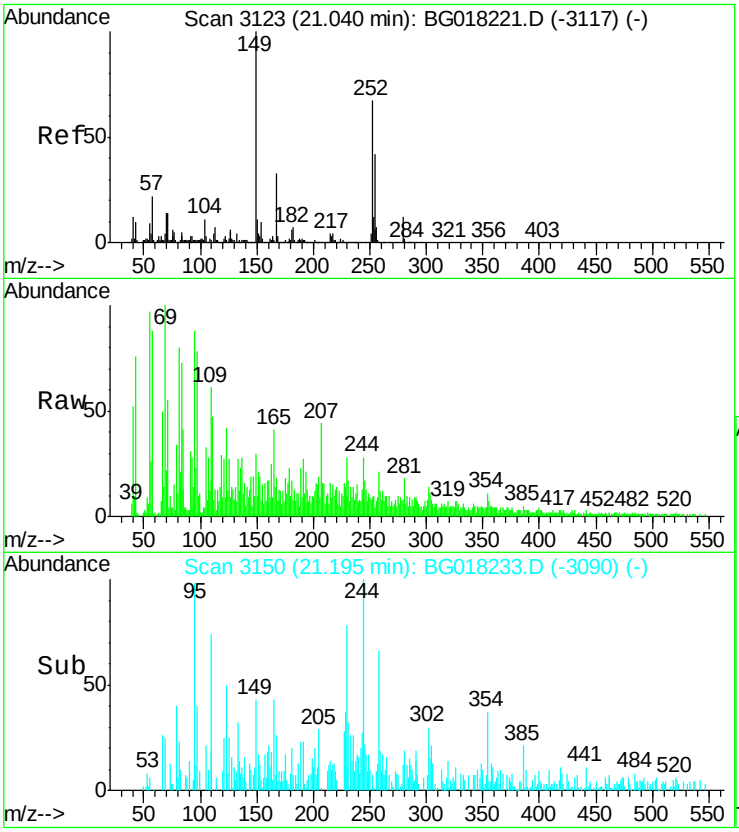


#81
Butylbenzylphthalate
Concen: 86.91 ng/ul
RT: 20.40 min Scan# 3014
Delta R.T. 0.13 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion:149 Resp: 1546

Ion	Ratio	Lower	Upper
149	100		
91	116.4	46.6	69.8#
206	25.6	21.8	32.8



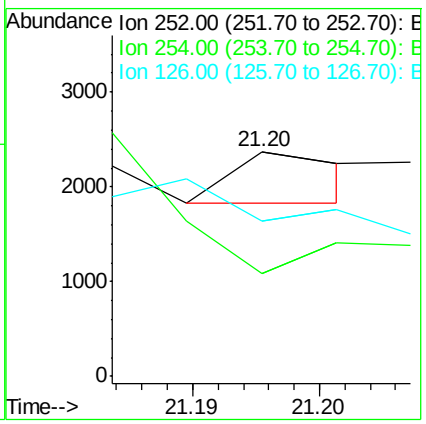


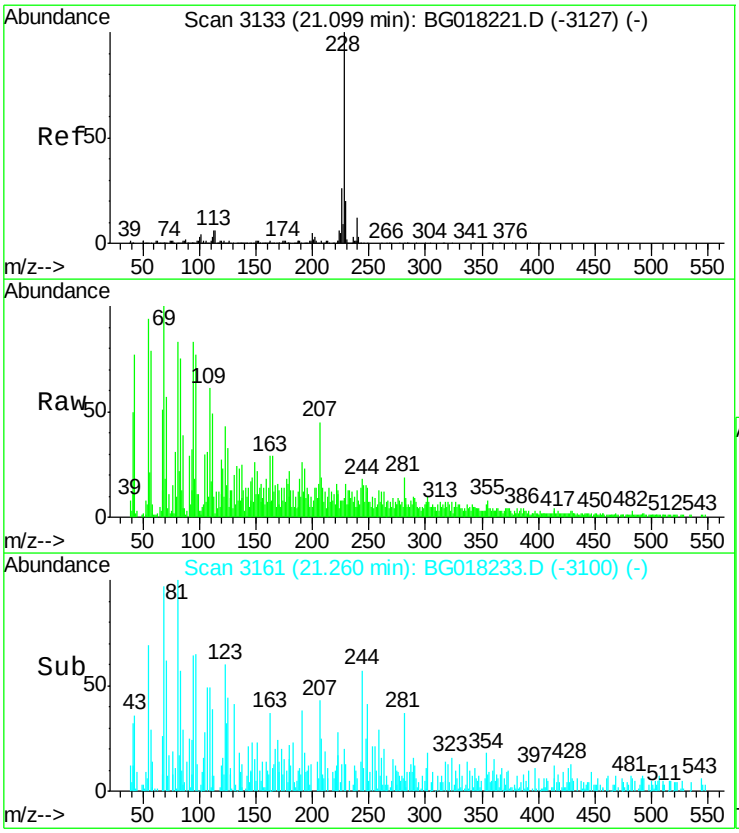
#82
3,3'-Dichlorobenzidine
Concen: 22.07 ng/ul
RT: 21.20 min Scan# 3150
Delta R.T. 0.16 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:252 Resp: 336

Ion	Ratio	Lower	Upper
252	100		
254	45.9	53.4	80.0#
126	69.3	8.7	13.1#

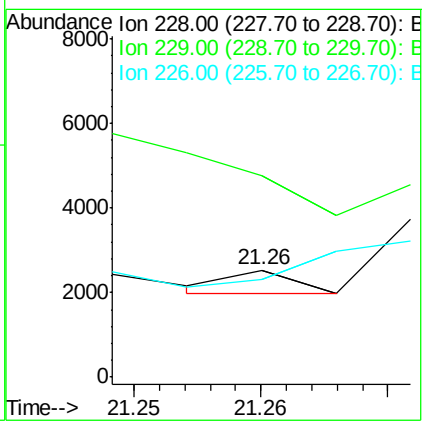


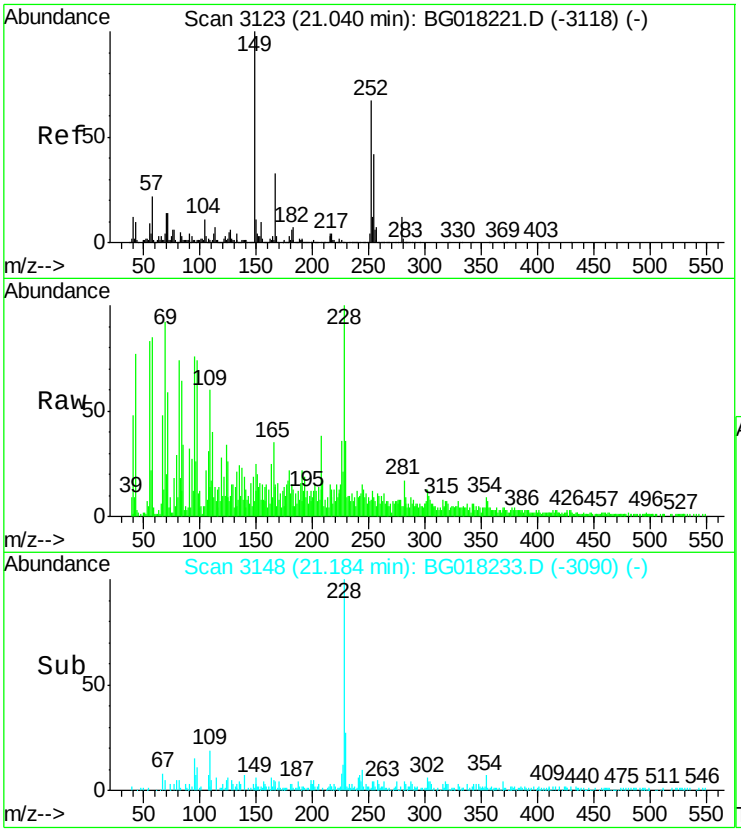


#83
Benzo(a)anthracene
Concen: 4.91 ng/ul
RT: 21.26 min Scan# 3161
Delta R.T. 0.16 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion:228 Resp: 191

Ion	Ratio	Lower	Upper
228	100		
229	188.7	16.5	24.7#
226	91.6	21.5	32.3#



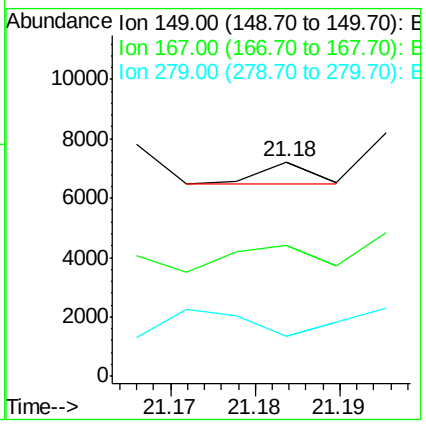


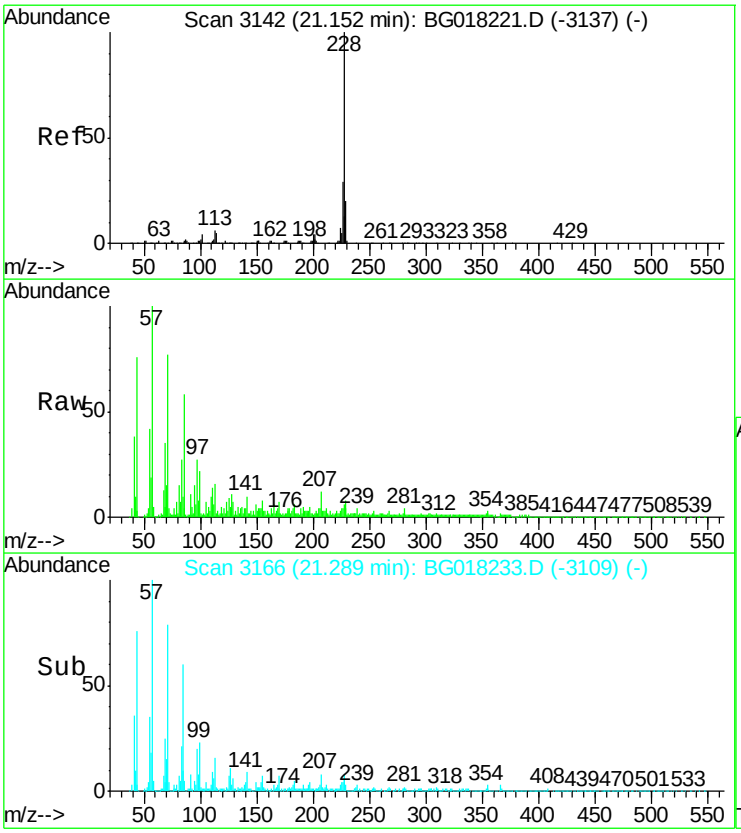
#84
Bis(2-ethylhexyl)phthalate
Concen: 13.42 ng/ul
RT: 21.18 min Scan# 3148
Delta R.T. 0.14 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:149 Resp: 322

Ion	Ratio	Lower	Upper
149	100		
167	61.0	27.4	41.2#
279	18.5	8.3	12.5#

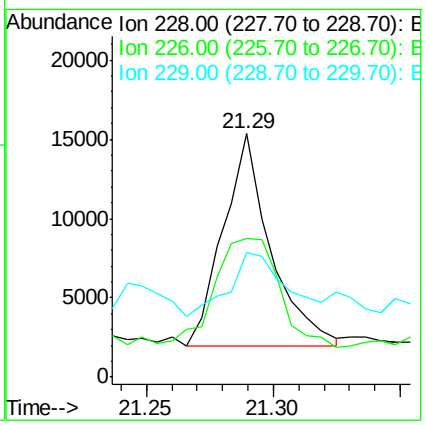


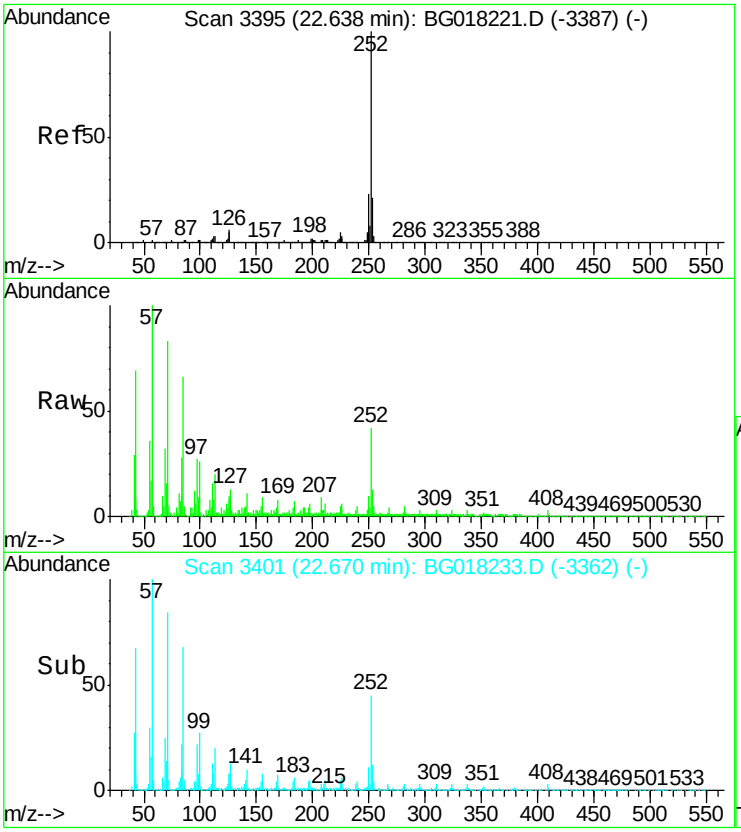


#85
Chrysene
Concen: 485.46 ng/ul
RT: 21.29 min Scan# 3166
Delta R.T. 0.14 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion:228 Resp: 17290

Ion	Ratio	Lower	Upper
228	100		
226	56.7	22.7	34.1#
229	51.2	16.2	24.2#



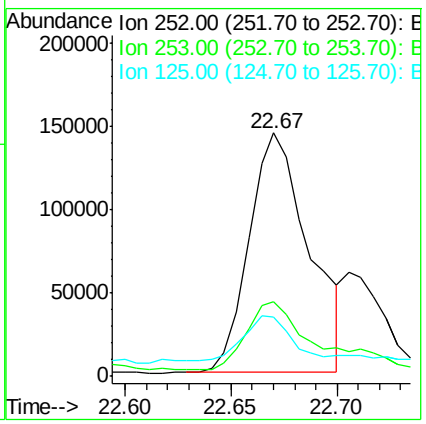


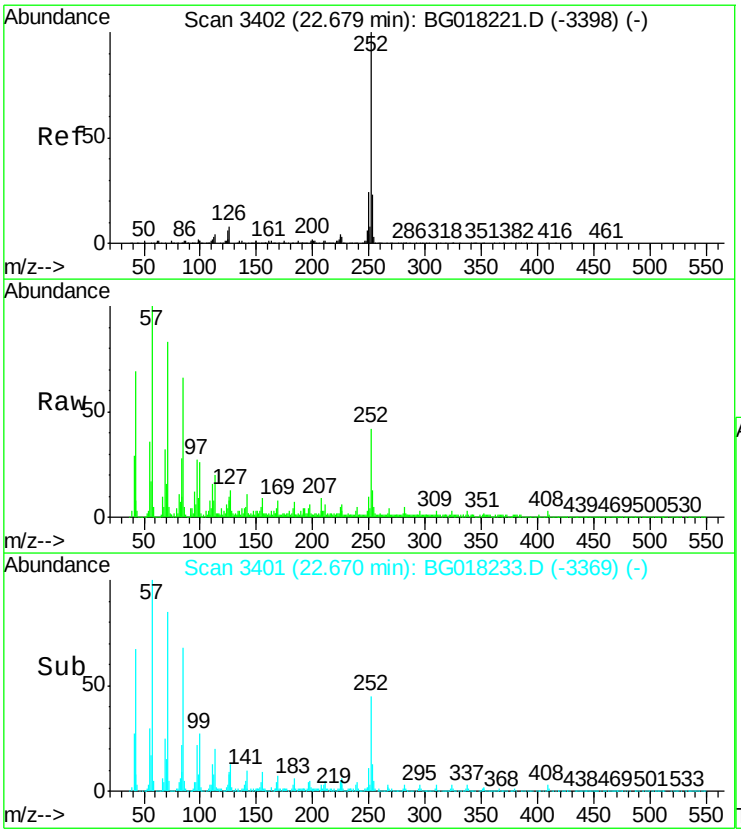
#88
Benzo(b)fluoranthene
Concen: 14.19 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. 0.03 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:252 Resp: 283782

Ion	Ratio	Lower	Upper
252	100		
253	30.6	18.5	27.7#
125	24.5	7.4	11.0#

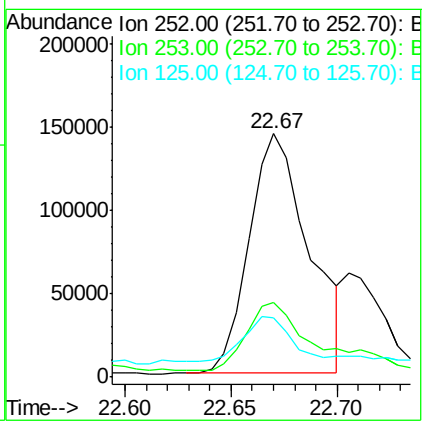


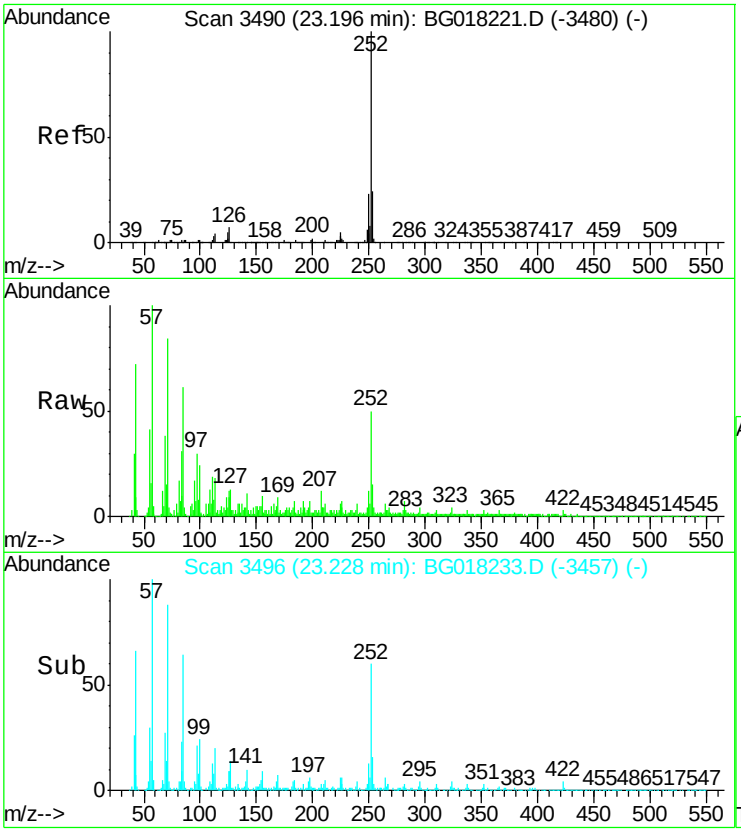


#89
Benzo(k)fluoranthene
Concen: 15.44 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion:252 Resp: 283782

Ion	Ratio	Lower	Upper
252	100		
253	30.6	18.2	27.2#
125	24.5	7.5	11.3#



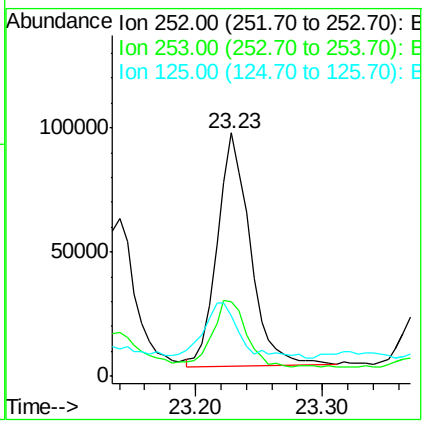


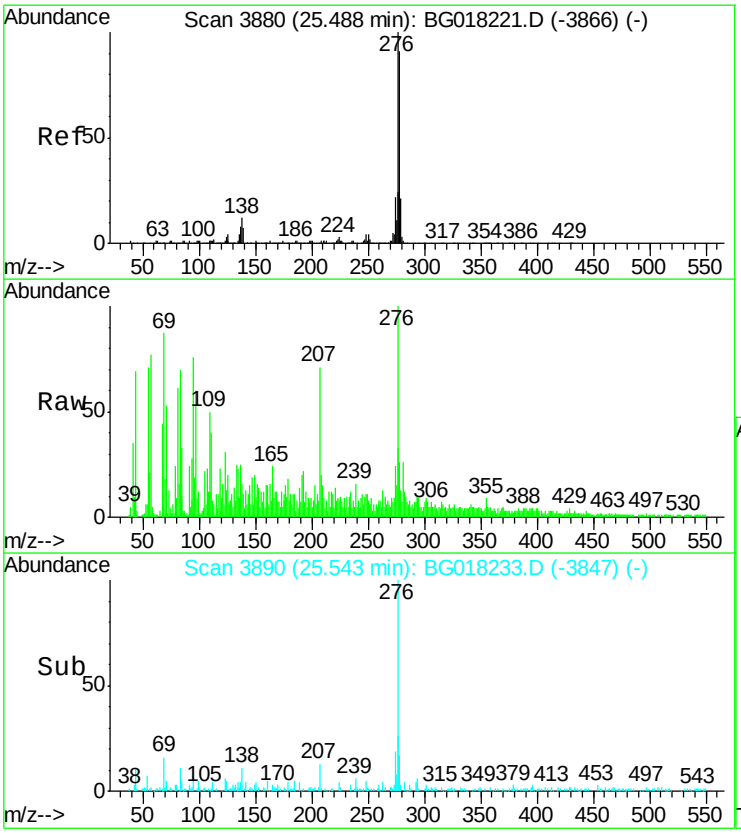
#91
Benzo(a)pyrene
Concen: 9.48 ng/ul
RT: 23.23 min Scan# 3496
Delta R.T. 0.03 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:252 Resp: 169584

Ion	Ratio	Lower	Upper
252	100		
253	30.5	17.4	26.2#
125	24.9	7.3	10.9#

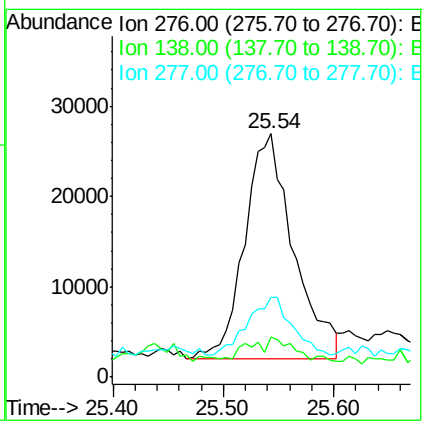


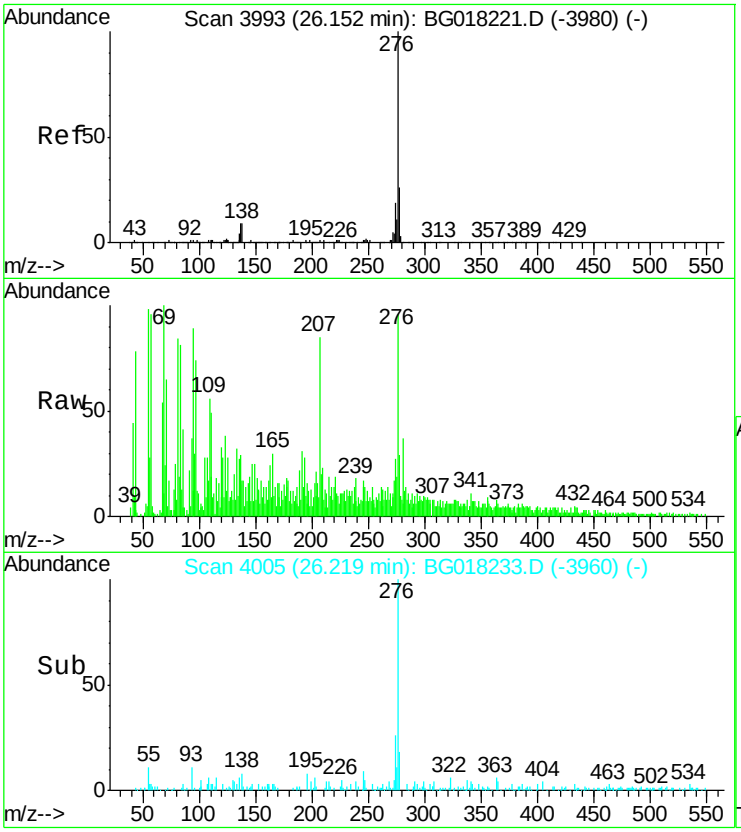


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.70 ng/ul
RT: 25.54 min Scan# 3890
Delta R.T. 0.06 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Tgt Ion:276 Resp: 76698

Ion	Ratio	Lower	Upper
276	100		
138	16.4	17.2	25.8#
277	32.6	19.5	29.3#





#94
Benzo(g,h,i)perylene
Concen: 1.91 ng/ul
RT: 26.22 min Scan# 4005
Delta R.T. 0.07 min
Lab File: BG018233.D
Acq: 2 Aug 2015 19:20

Instrument :
BNA_G
ClientSampleId :
C02L5RE

Tgt Ion:276 Resp: 32231

Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.1	22.7
277	30.2	19.8	29.6#