Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018857.D
Acq On : 23 Sep 2015 18:59
Operator : UM/NP
Sample : G3579-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAD4

Quant Time: Sep 24 04:13:20 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 04:11:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	77463	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	315406	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.64	164	191827	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.38	188	437298	20.00	ng/ul	0.01
78) Chrysene-d12	21.63	240	566256	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	579819	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	6713	4.17	ng/uL	0.00
5) Phenol-d5	7.16	99	151411	23.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	100689	27.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	124718	25.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	118491	22.96	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	65151	27.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	69788	29.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	130086	25.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	291383	49.50	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	346806	22.46	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	454572	24.85	ng/ul	0.01
52) 4-Nitrophenol-d4	14.83	143	82873	27.97	ng/ul	0.00
58) Fluorene-d10	15.63	176	308839	22.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	33275	16.08	ng/ul	0.00
71) Anthracene-d10	17.48	188	468991	24.36	ng/ul	0.00
79) Pyrene-d10	19.76	212	535637	20.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	557577	19.76	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.15	77	7818	2.12	ng/ul#	49
14) Acetophenone	8.81	105	99151	12.61	ng/ul#	35
15) N-Nitroso-di-n-propylamine	8.84	70	10190	2.51	ng/ul#	81
17) Hexachloroethane	9.11	117	23067	11.60	ng/ul#	10
20) Nitrobenzene	9.20	77	11143	2.01	ng/ul#	43
21) Isophorone	9.73	82	253113	22.42	ng/ul#	1
23) 2-Nitrophenol	9.94	139	15718	5.80	ng/ul#	1
24) 2,4-Dimethylphenol	10.03	107	42044	7.49	ng/ul#	84
27) 2,4-Dichlorophenol	10.46	162	6861	1.35	ng/ul#	30
30) 4-Chloroaniline	10.98	127	10263	1.69	ng/ul	92
32) Caprolactam	11.73	113	9844	4.75	ng/ul#	1
34) 2-Methylnaphthalene	12.47	142	82815	6.98	ng/ul	98
35) 1-Methylnaphthalene	12.69	142	103989	9.15	ng/ul#	99
41) 1,1'-Biphenyl	13.47	154	26149	1.80	ng/ul	94
43) 2-Nitroaniline	13.70	65	4120	1.26	ng/ul#	63
45) Dimethylphthalate	14.08	163	158101	10.56	ng/ul#	81
46) 2,6-Dinitrotoluene	14.19	165	15460	5.14	ng/ul#	42
49) 3-Nitroaniline	14.54	138	7868	2.46	ng/ul#	27
50) Acenaphthene	14.72	153	27430	2.09	ng/ul#	47
54) Dibenzofuran	15.03	168	26965	1.47	ng/ul#	1
55) 2,4-Dinitrotoluene	14.99	165	6051	1.35	ng/ul#	59
59) Fluorene	15.68	166	79541	5.12	ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	15.73	198	4770	2.25	ng/ul#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018857.D
Acq On : 23 Sep 2015 18:59
Operator : UM/NP
Sample : G3579-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAD4

Quant Time: Sep 24 04:13:20 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 04:11:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) N-Nitrosodiphenylamine	15.89	169	131935	11.52	ng/ul#	41
70) Phenanthrene	17.42	178	134943	6.07	ng/ul#	89
77) Fluoranthene	19.42	202	36520	1.48	ng/ul#	93
80) Pyrene	19.79	202	45895	1.38	ng/ul	97

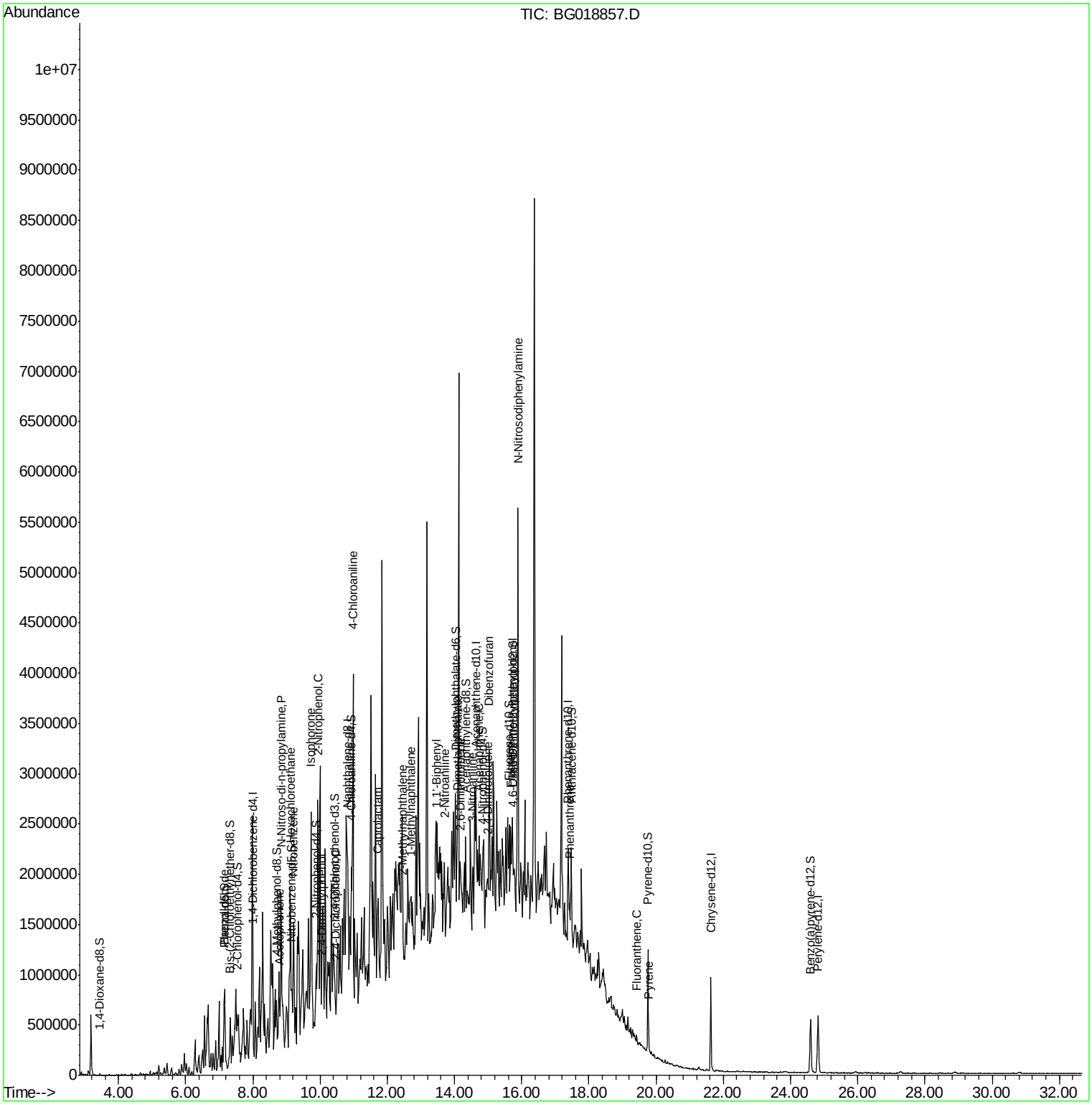
(#) = qualifier out of range (m) = manual integration (+) = signals summed

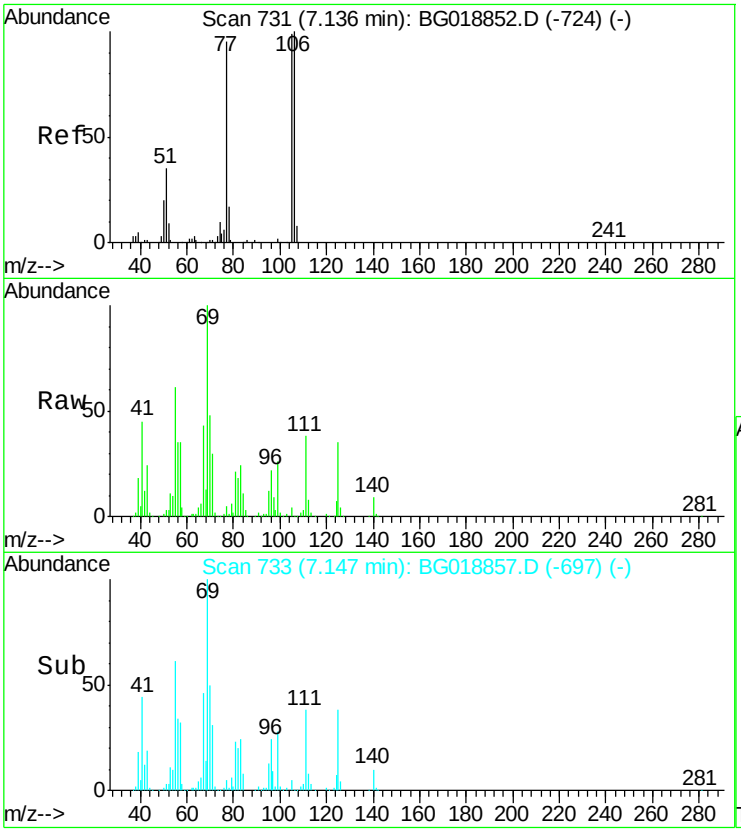
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018857.D
Acq On : 23 Sep 2015 18:59
Operator : UM/NP
Sample : G3579-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHAD4

Quant Time: Sep 24 04:13:20 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 04:11:41 2015
Response via : Initial Calibration



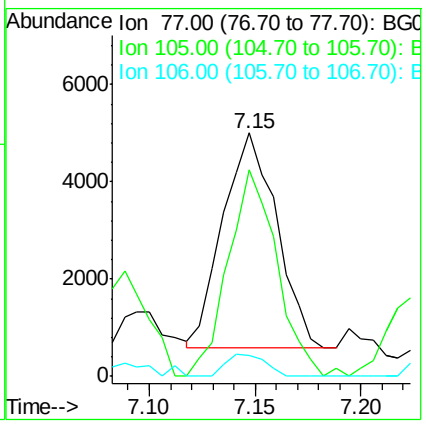


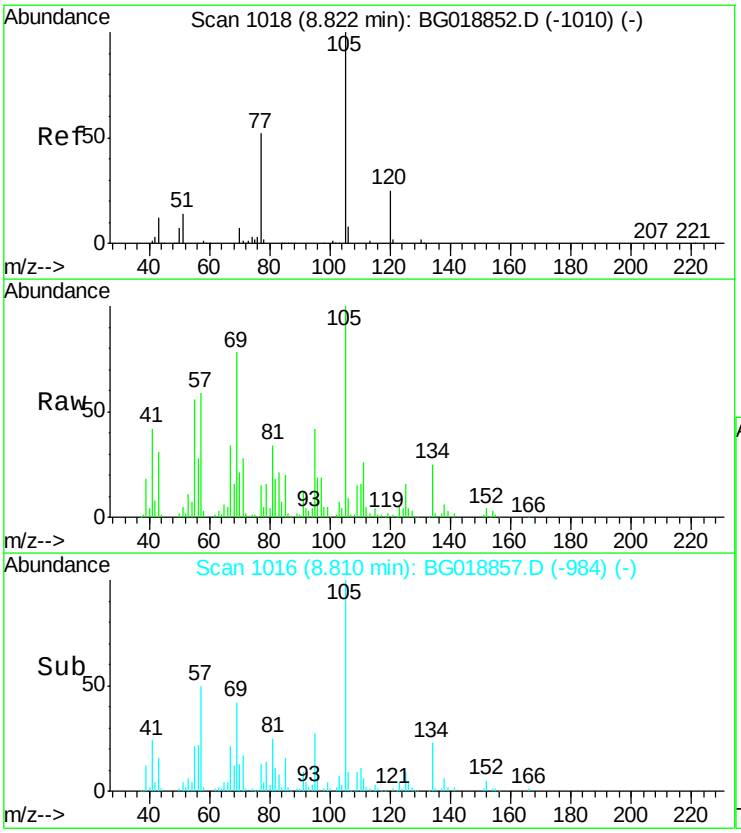
#4
Benzaldehyde
Concen: 2.12 ng/ul
RT: 7.15 min Scan# 733
Delta R.T. 0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion: 77 Resp: 7818

Ion	Ratio	Lower	Upper
77	100		
105	84.7	78.2	117.2
106	8.8	76.8	115.2#

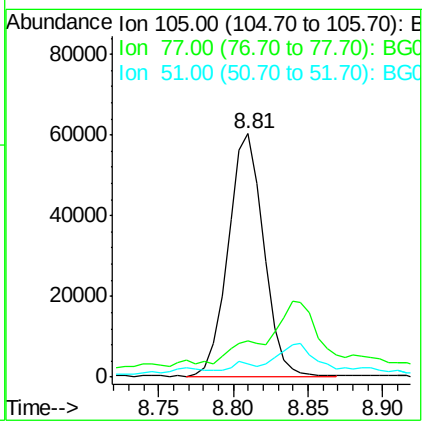


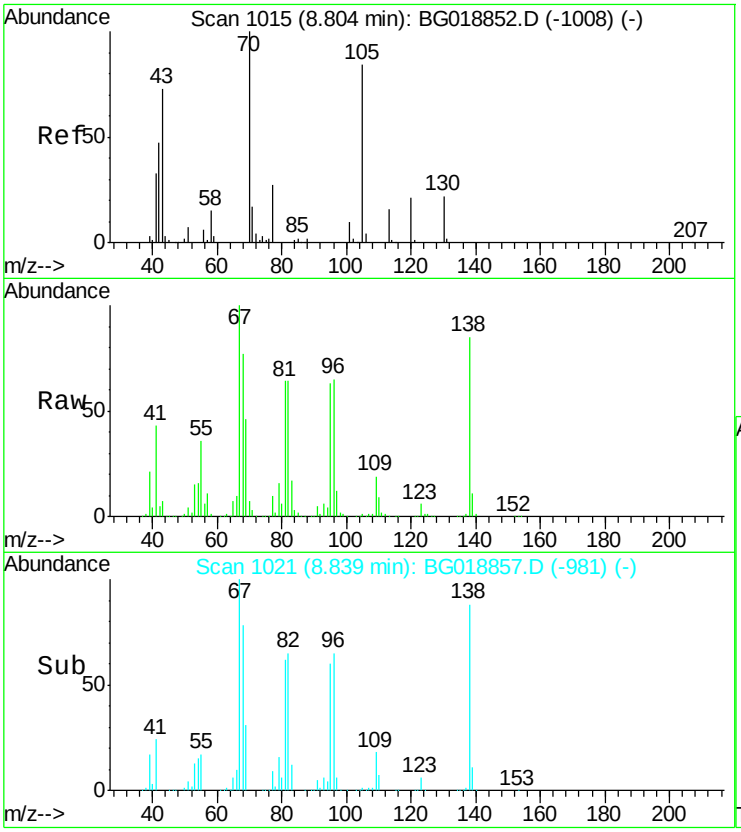


#14
Acetophenone
Concen: 12.61 ng/ul
RT: 8.81 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Tgt Ion:105 Resp: 99151

Ion	Ratio	Lower	Upper
105	100		
77	15.0	61.9	92.9#
51	5.4	25.5	38.3#



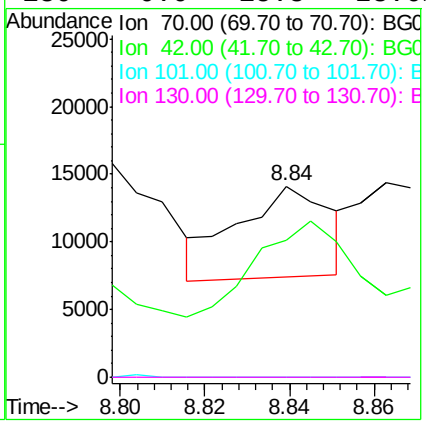


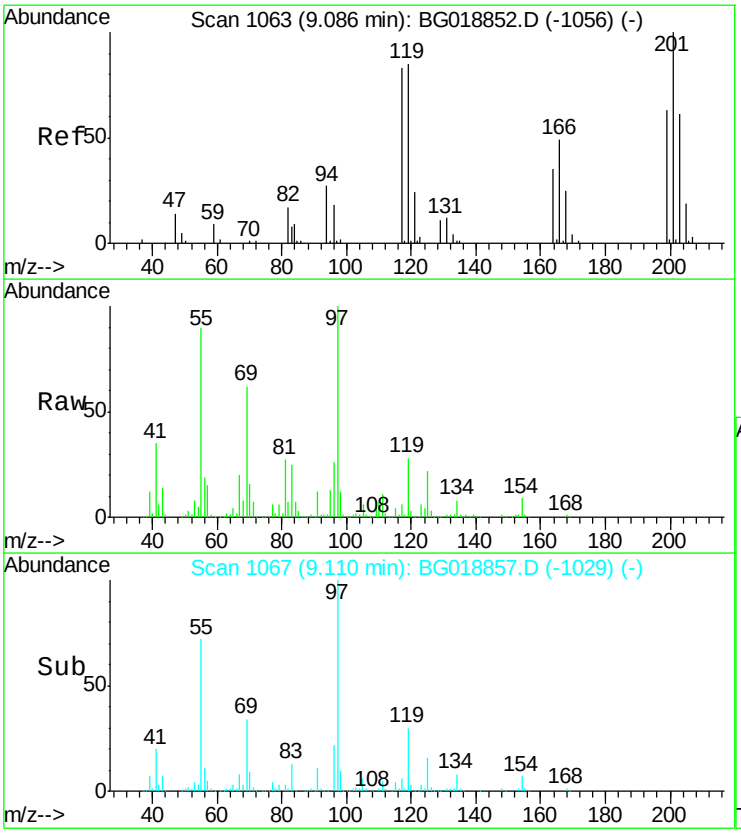
#15
N-Nitroso-di-n-propylamine
Concen: 2.51 ng/ul
RT: 8.84 min Scan# 1021
Delta R.T. 0.04 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion: 70 Resp: 10190

Ion	Ratio	Lower	Upper
70	100		
42	71.7	50.7	76.1
101	0.0	7.4	11.2#
130	0.0	15.8	23.6#

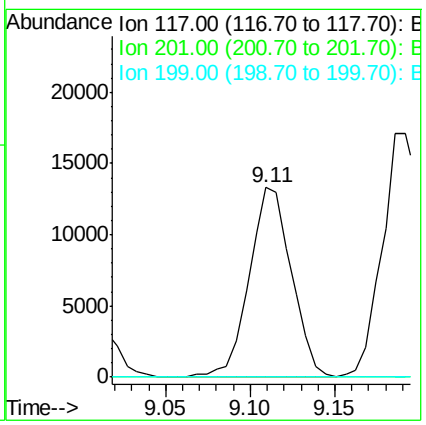


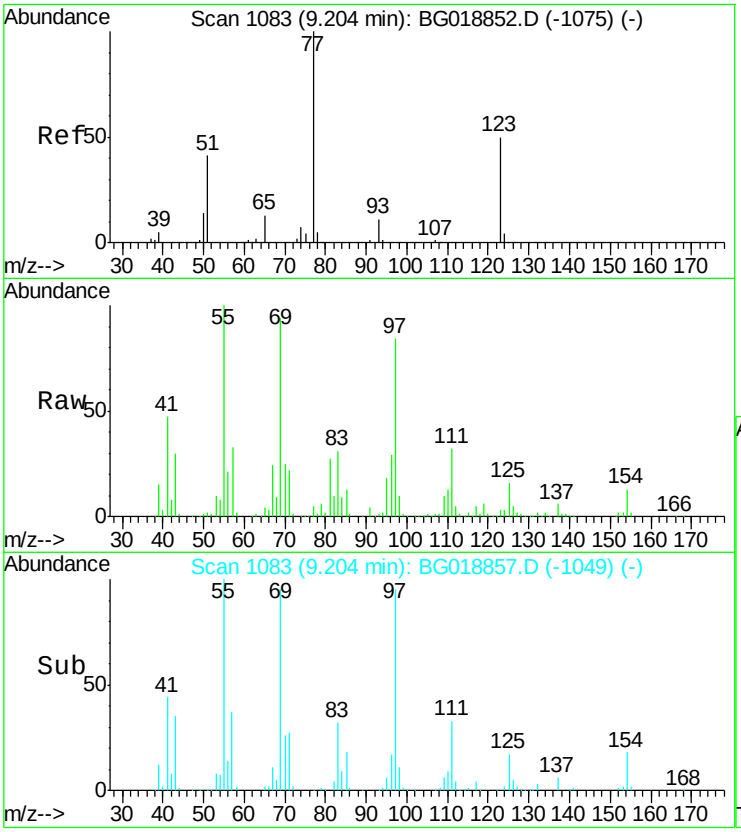


#17
Hexachloroethane
Concen: 11.60 ng/ul
RT: 9.11 min Scan# 1067
Delta R.T. 0.02 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Tgt Ion:117 Resp: 23067

Ion	Ratio	Lower	Upper
117	100		
201	0.0	73.6	110.4#
199	0.0	48.6	72.8#



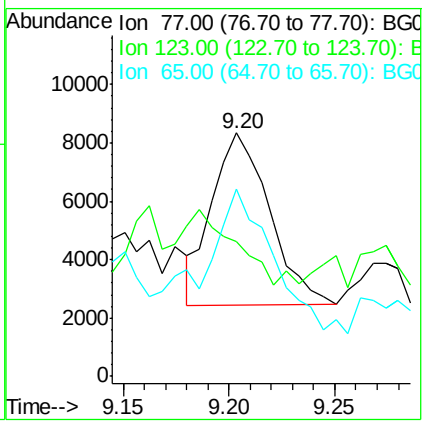


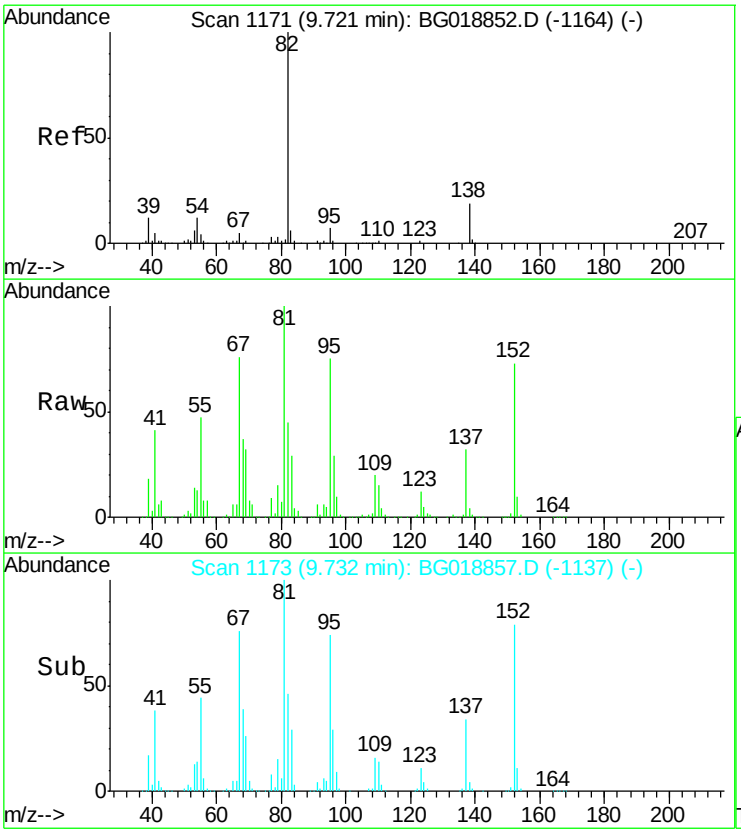
#20
Nitrobenzene
Concen: 2.01 ng/ul
RT: 9.20 min Scan# 1083
Delta R.T. -0.00 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion: 77 Resp: 11143

Ion	Ratio	Lower	Upper
77	100		
123	55.6	32.8	49.2#
65	77.0	12.2	18.2#

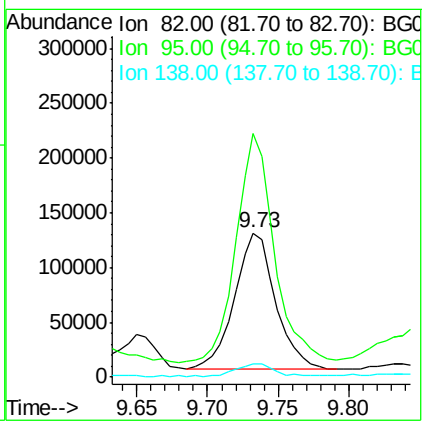


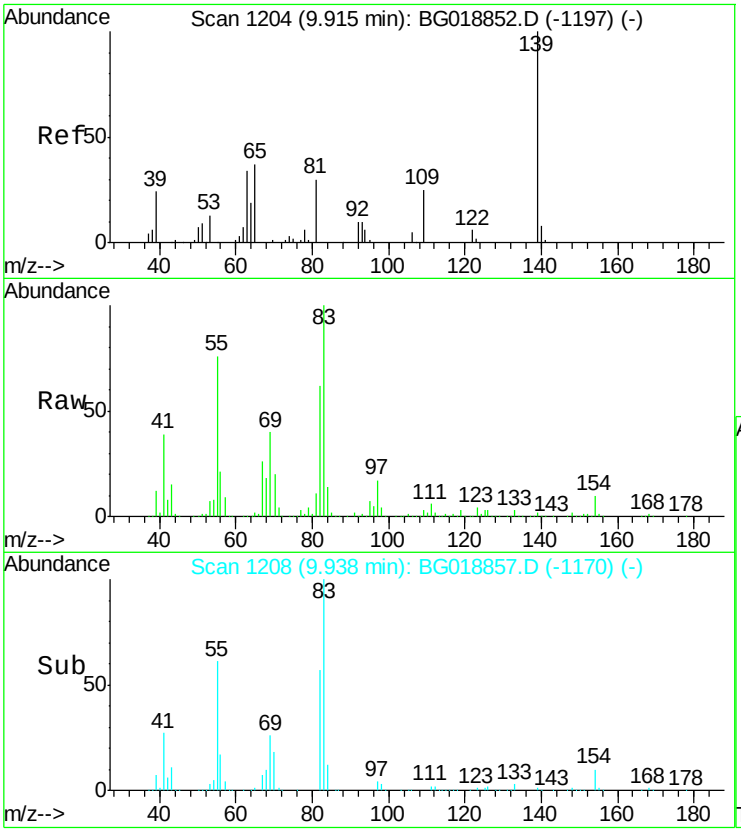


#21
Isophorone
Concen: 22.42 ng/ul
RT: 9.73 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Tgt Ion: 82 Resp: 253113

Ion	Ratio	Lower	Upper
82	100		
95	169.1	5.2	7.8#
138	9.2	13.8	20.8#



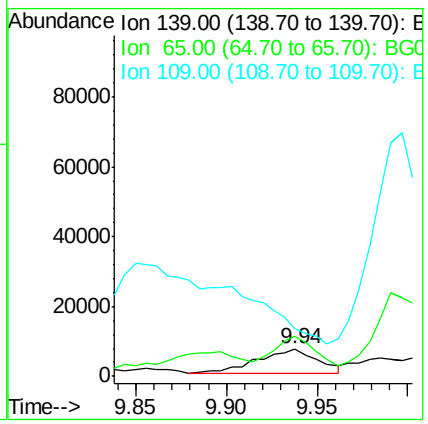


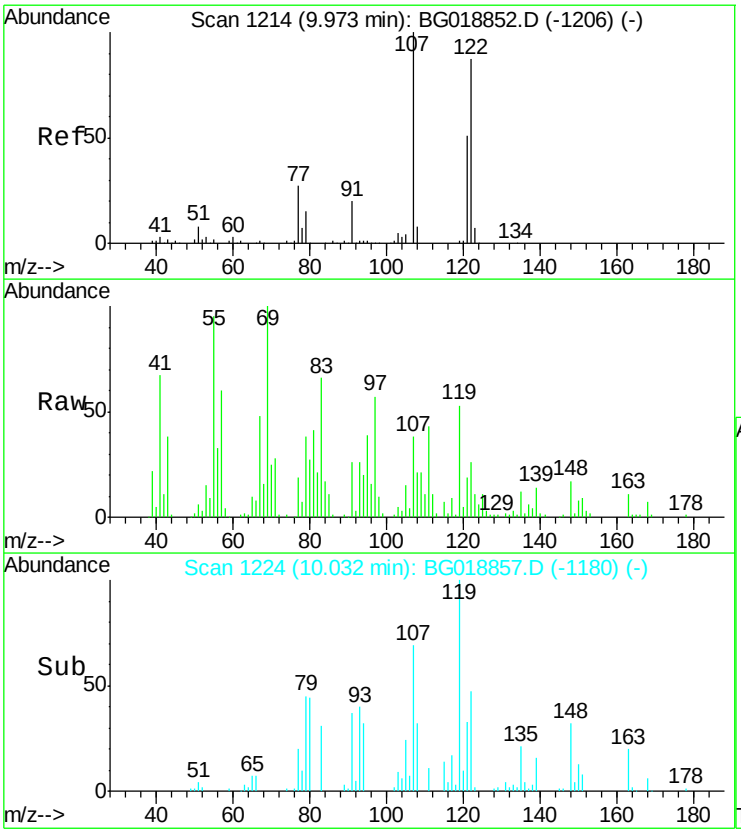
#23
2-Nitrophenol
Concen: 5.80 ng/ul
RT: 9.94 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion:139 Resp: 15718

Ion	Ratio	Lower	Upper
139	100		
65	145.6	45.6	68.4#
109	176.3	25.4	38.2#

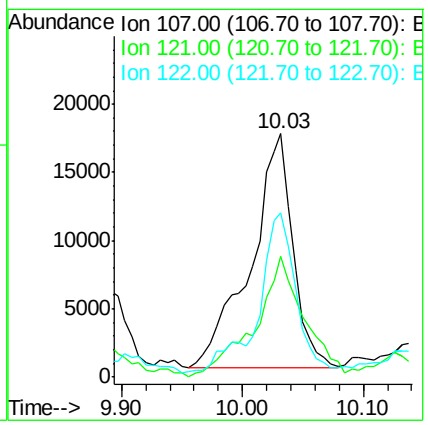


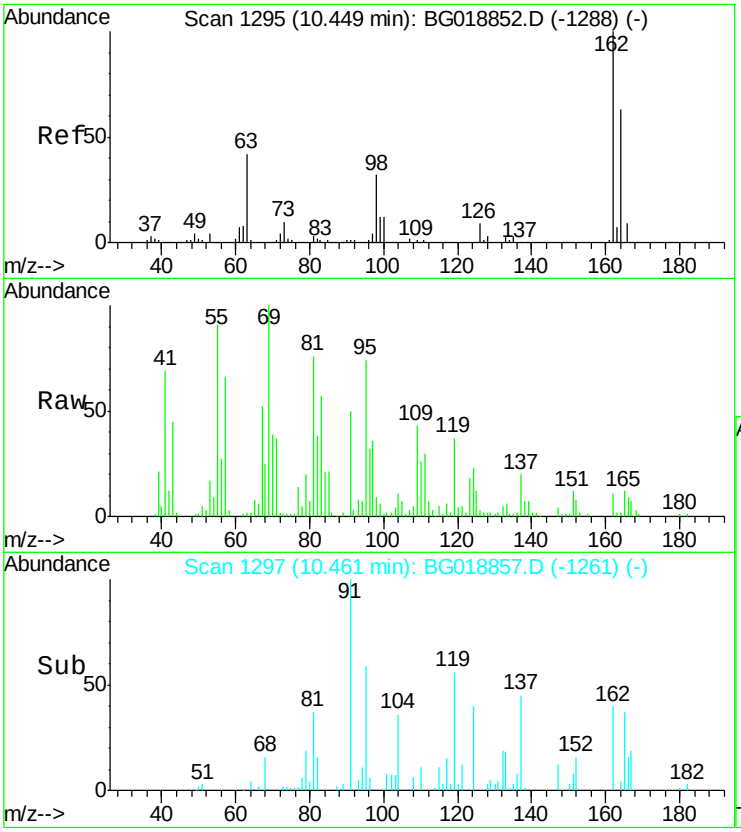


#24
2,4-Dimethylphenol
Concen: 7.49 ng/ul
RT: 10.03 min Scan# 1224
Delta R.T. 0.06 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Tgt Ion:107 Resp: 42044

Ion	Ratio	Lower	Upper
107	100		
121	49.5	41.3	61.9
122	67.5	71.9	107.9#



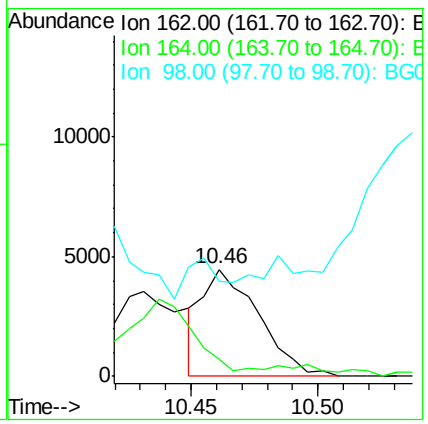


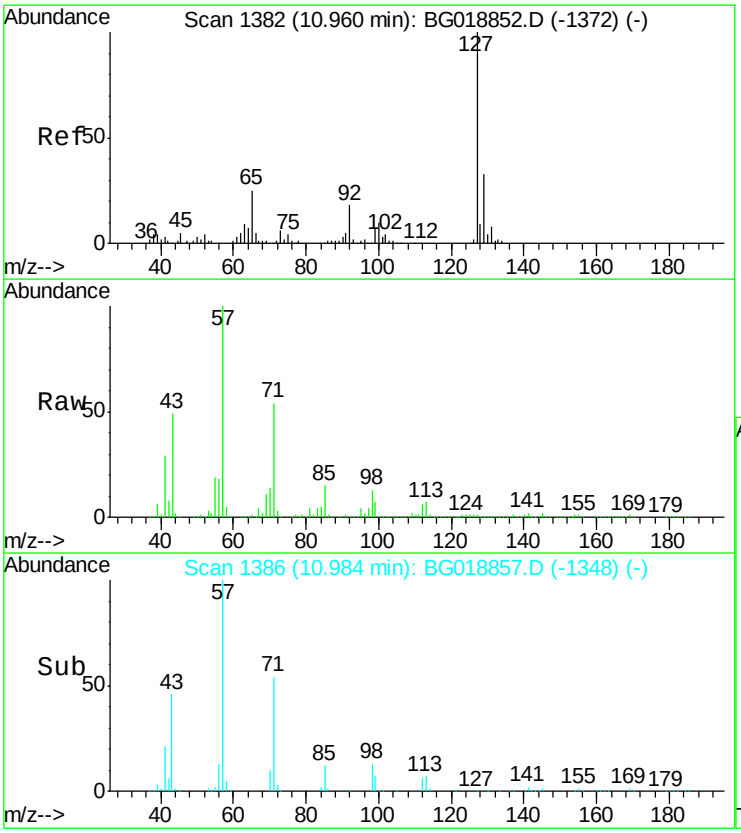
#27
2,4-Dichlorophenol
Concen: 1.35 ng/ul
RT: 10.46 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion:162 Resp: 6861

Ion	Ratio	Lower	Upper
162	100		
164	16.2	51.7	77.5#
98	88.5	30.4	45.6#

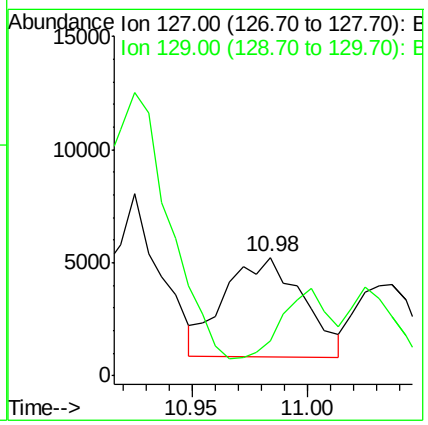


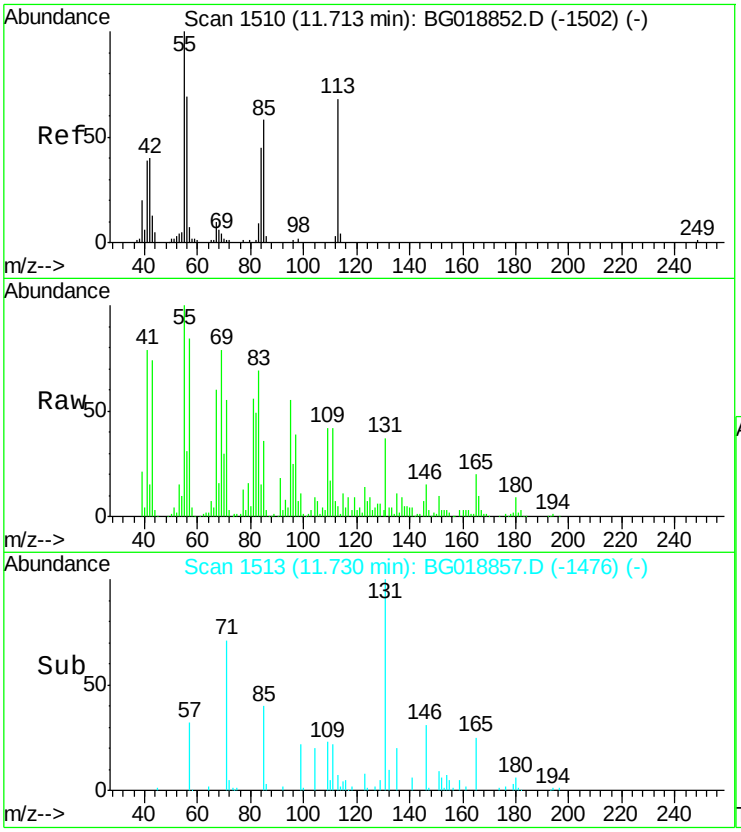


#30
4-Chloroaniline
Concen: 1.69 ng/ul
RT: 10.98 min Scan# 1386
Delta R.T. 0.02 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Tgt Ion:127 Resp: 10263

Ion	Ratio	Lower	Upper
127	100		
129	29.1	26.7	40.1



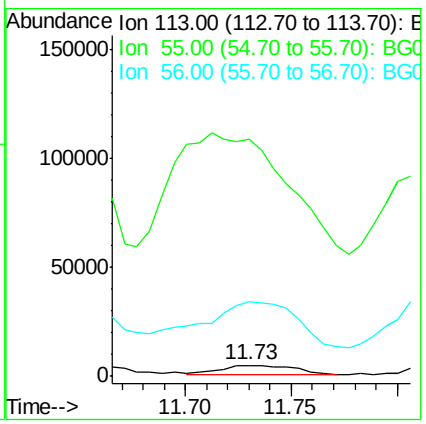


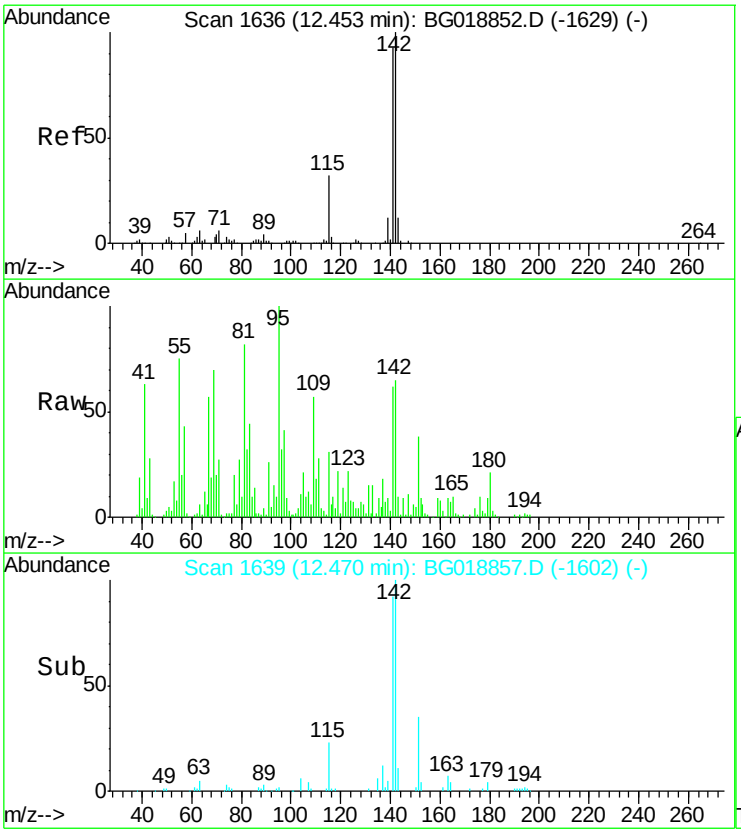
#32
Caprolactam
Concen: 4.75 ng/ul
RT: 11.73 min Scan# 1513
Delta R.T. 0.02 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion:113 Resp: 9844

Ion	Ratio	Lower	Upper
113	100		
55	2212.5	124.2	186.4#
56	693.3	98.2	147.4#

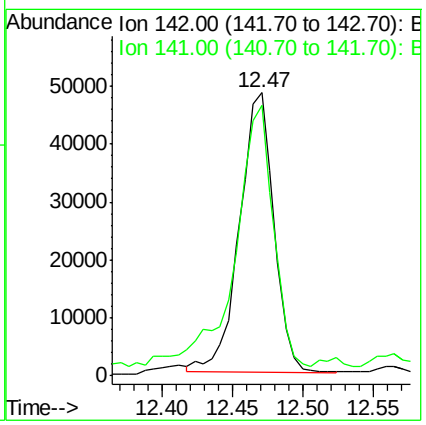


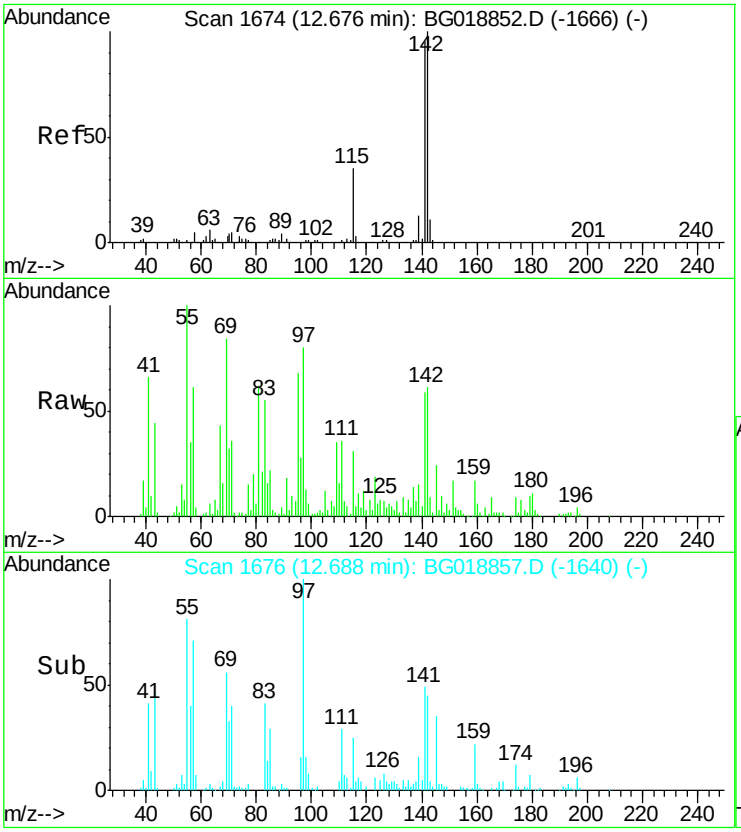


#34
2-Methylnaphthalene
Concen: 6.98 ng/ul
RT: 12.47 min Scan# 1639
Delta R.T. 0.02 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Tgt Ion:142 Resp: 82815

Ion	Ratio	Lower	Upper
142	100		
141	95.8	78.0	117.0



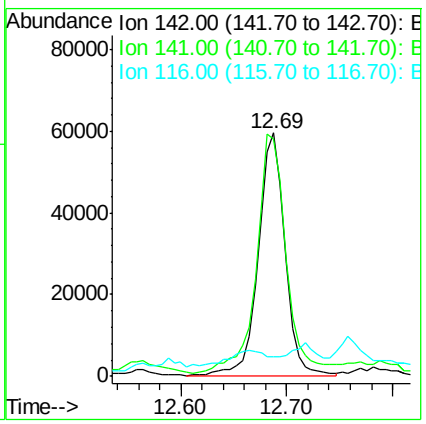


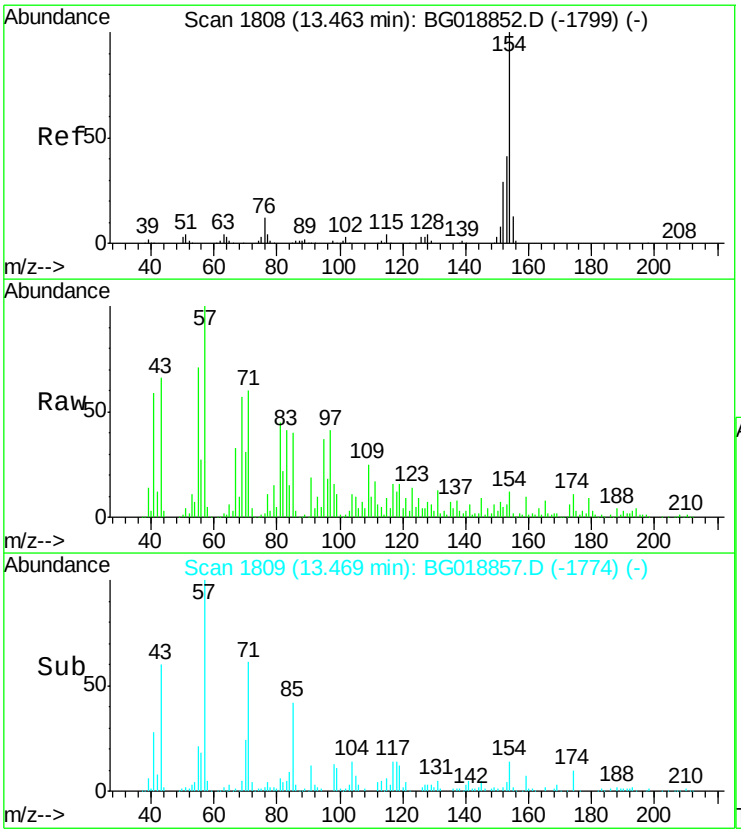
#35
1-Methylnaphthalene
Concen: 9.15 ng/ul
RT: 12.69 min Scan# 1676
Delta R.T. 0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion:142 Resp: 103989

Ion	Ratio	Lower	Upper
142	100		
141	97.2	77.1	115.7
116	8.2	3.5	5.3#

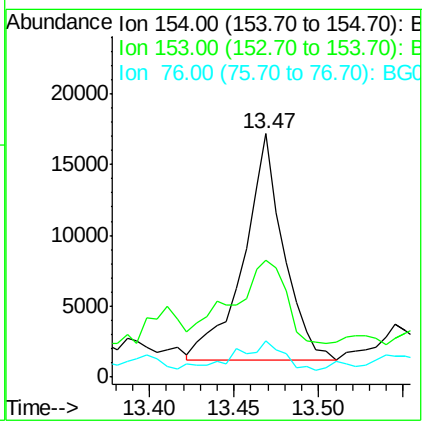


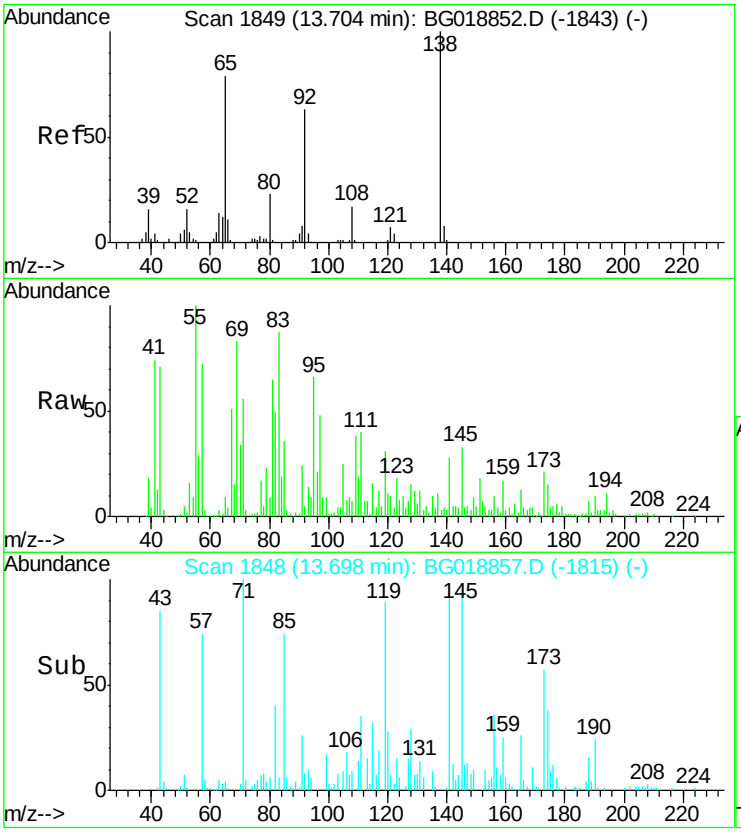


#41
1,1'-Biphenyl
Concen: 1.80 ng/ul
RT: 13.47 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Tgt Ion:154 Resp: 26149

Ion	Ratio	Lower	Upper
154	100		
153	48.1	35.2	52.8
76	14.9	10.6	16.0



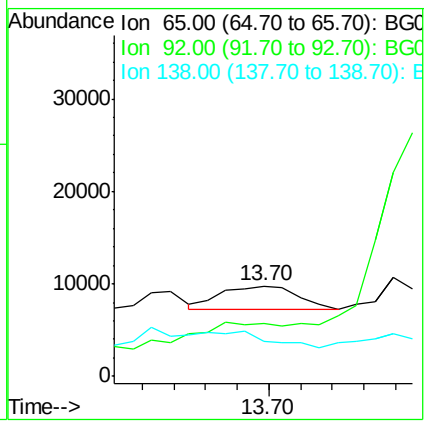


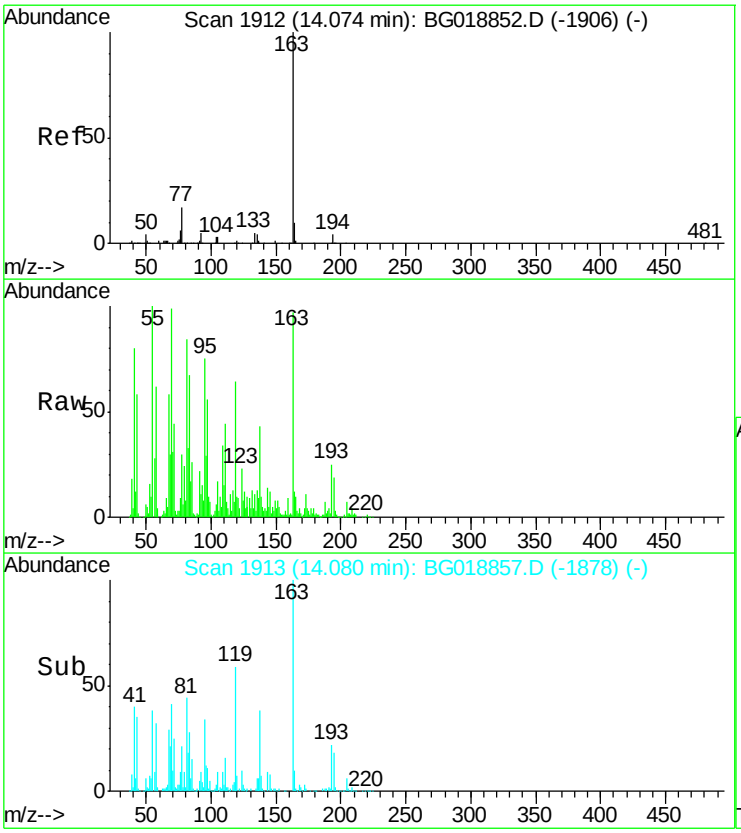
#43
2-Nitroaniline
Concen: 1.26 ng/ul
RT: 13.70 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion: 65 Resp: 4120

Ion	Ratio	Lower	Upper
65	100		
92	57.8	51.1	76.7
138	38.3	75.1	112.7#

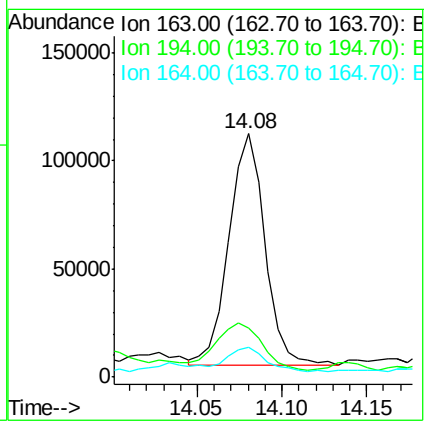


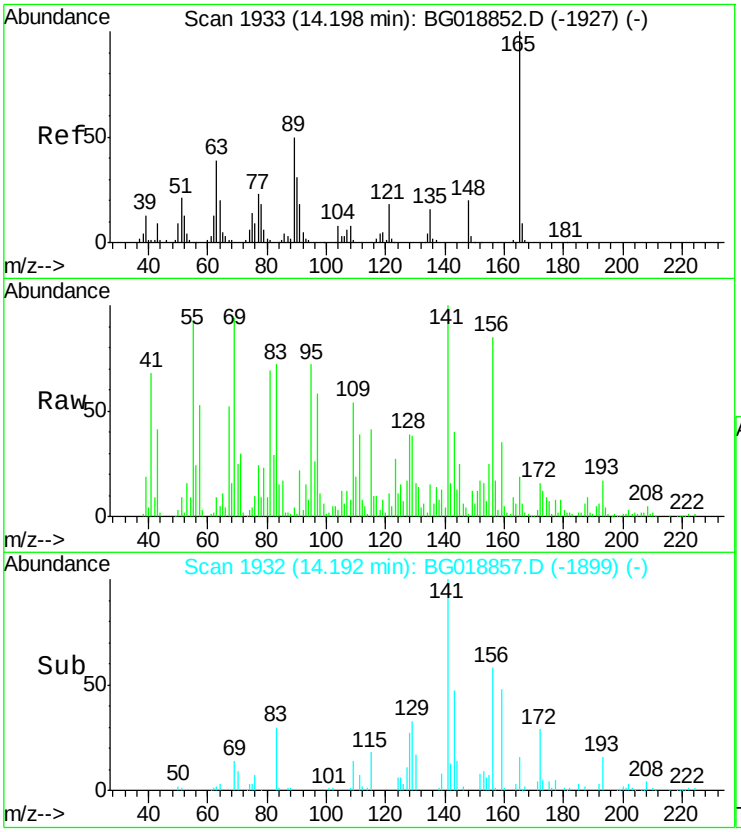


#45
Dimethylphthalate
Concen: 10.56 ng/ul
RT: 14.08 min Scan# 1913
Delta R.T. 0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Tgt Ion:163 Resp: 158101

Ion	Ratio	Lower	Upper
163	100		
194	20.0	2.9	4.3#
164	12.5	7.7	11.5#



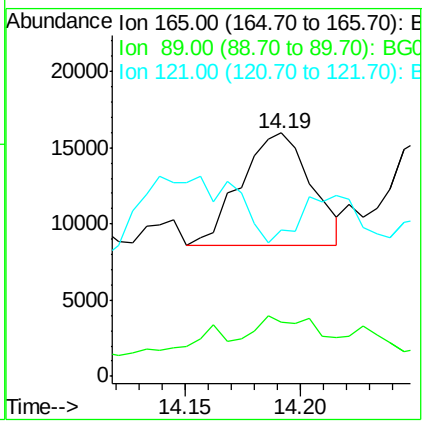


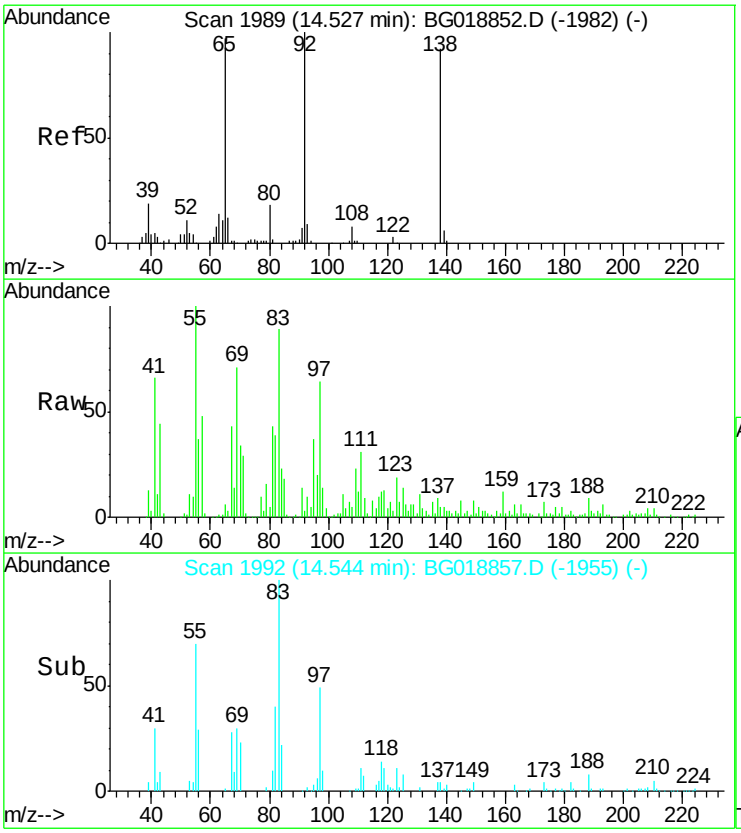
#46
2,6-Dinitrotoluene
Concen: 5.14 ng/ul
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion:165 Resp: 15460

Ion	Ratio	Lower	Upper
165	100		
89	22.2	50.2	75.2#
121	60.0	19.4	29.2#

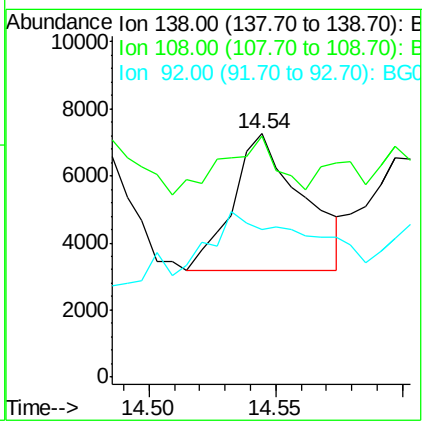


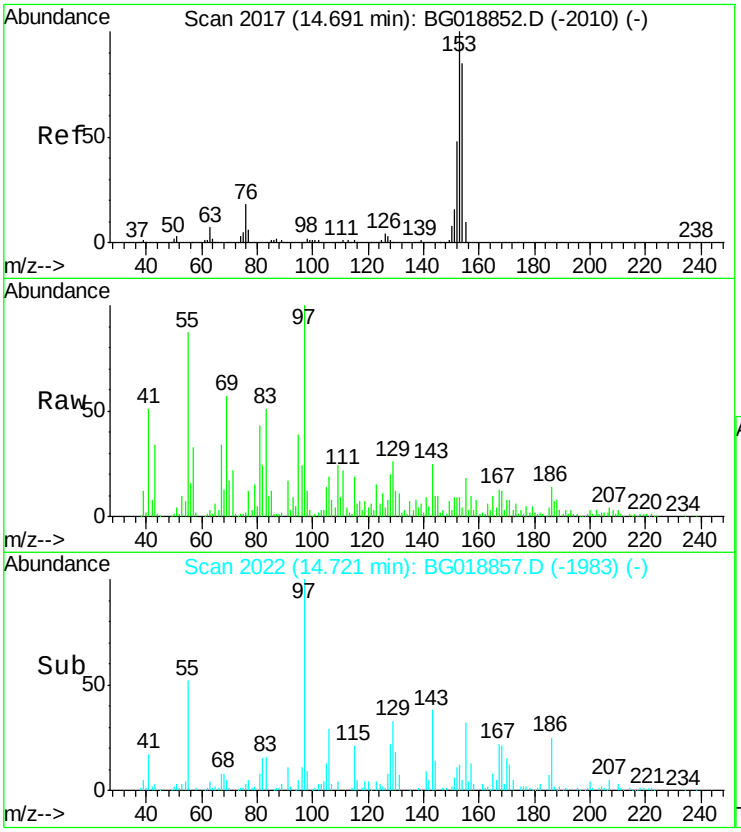


#49
3-Nitroaniline
Concen: 2.46 ng/ul
RT: 14.54 min Scan# 1992
Delta R.T. 0.02 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Tgt Ion:138 Resp: 7868

Ion	Ratio	Lower	Upper
138	100		
108	99.1	9.4	14.0#
92	60.6	102.8	154.2#



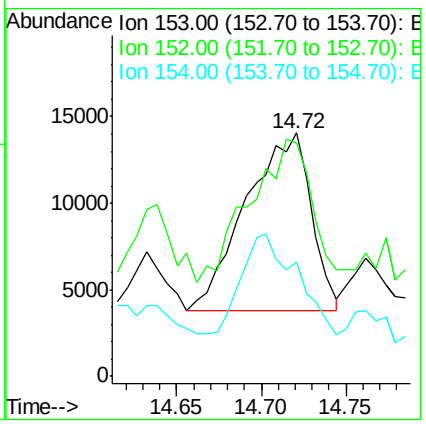


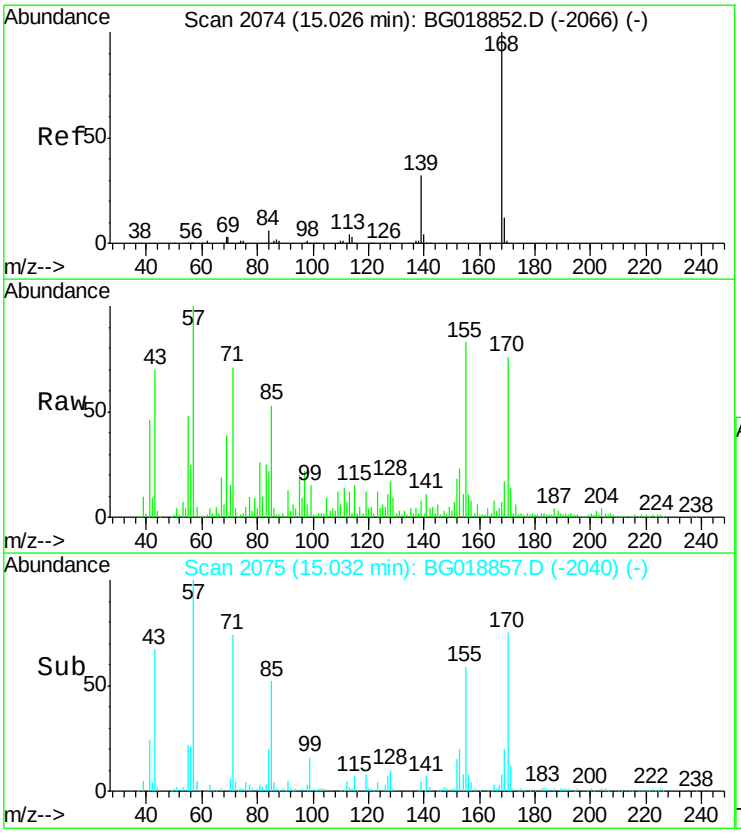
#50
Acenaphthene
Concen: 2.09 ng/ul
RT: 14.72 min Scan# 2022
Delta R.T. 0.03 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion:153 Resp: 27430

Ion	Ratio	Lower	Upper
153	100		
152	95.6	38.2	57.4#
154	47.0	68.6	103.0#

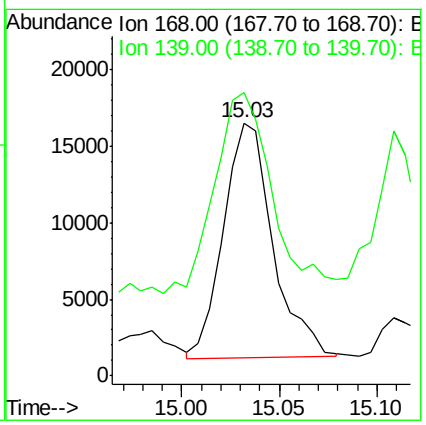


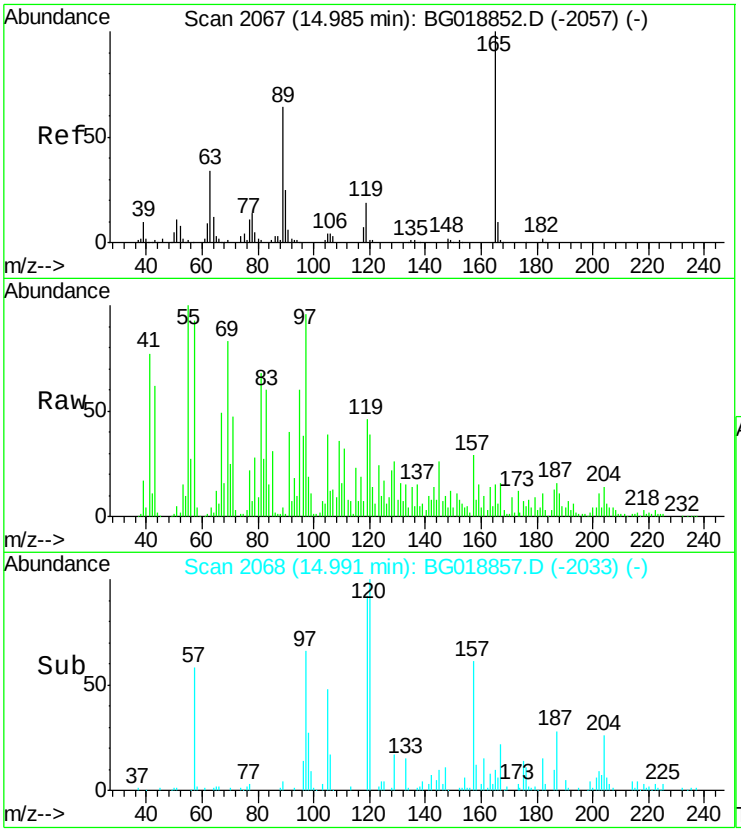


#54
Dibenzofuran
Concen: 1.47 ng/ul
RT: 15.03 min Scan# 2075
Delta R.T. 0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Tgt Ion:168 Resp: 26965

Ion	Ratio	Lower	Upper
168	100		
139	111.8	29.7	44.5#



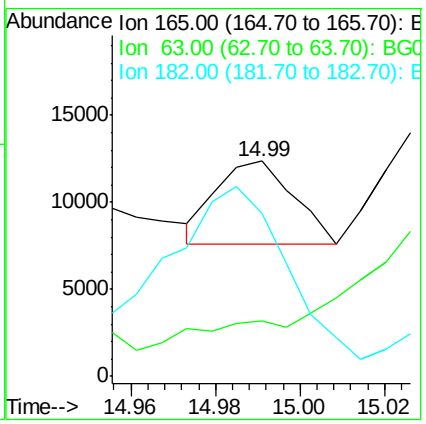


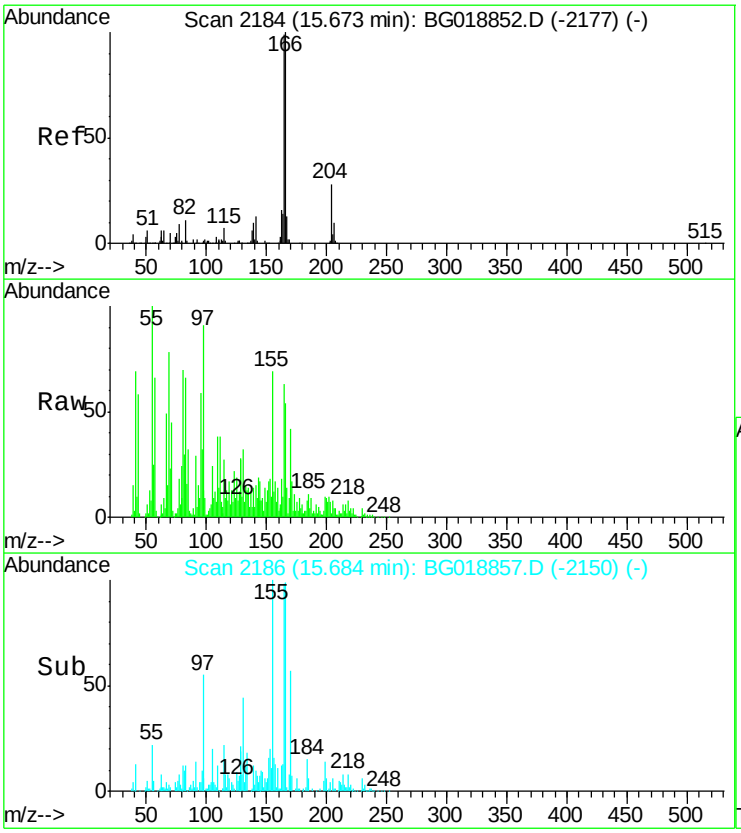
#55
2,4-Dinitrotoluene
Concen: 1.35 ng/ul
RT: 14.99 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion:165 Resp: 6051

Ion	Ratio	Lower	Upper
165	100		
63	25.8	36.7	55.1#
182	75.7	2.2	3.2#

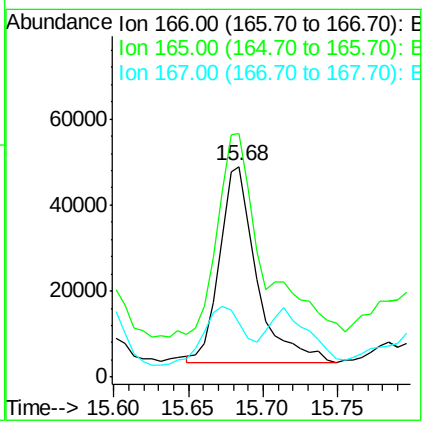


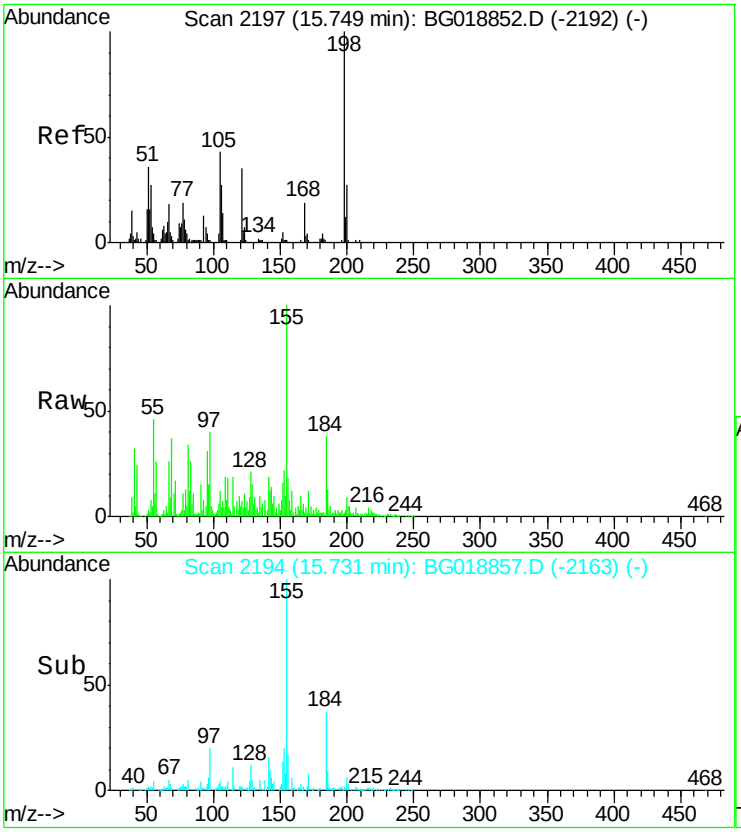


#59
Fluorene
Concen: 5.12 ng/ul
RT: 15.68 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Tgt Ion:166 Resp: 79541

Ion	Ratio	Lower	Upper
166	100		
165	115.7	82.6	124.0
167	25.5	11.4	17.0#



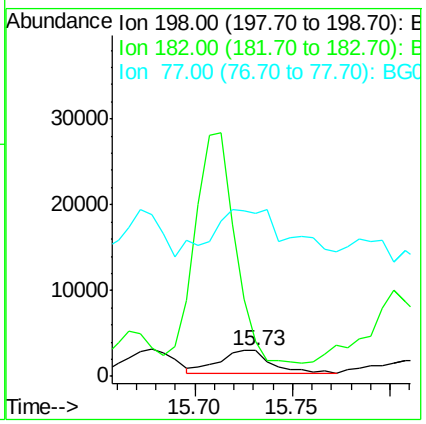


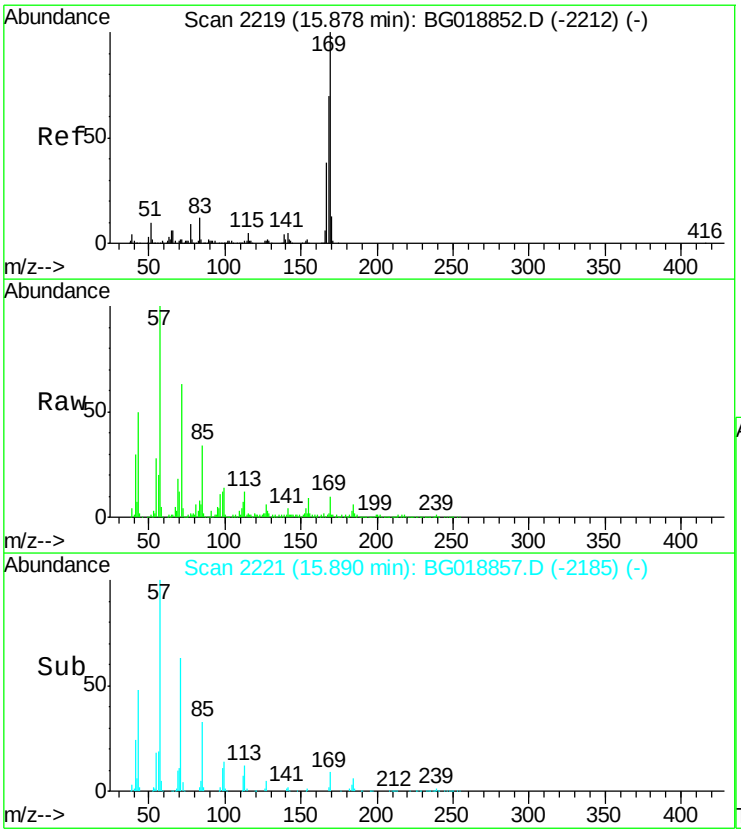
#64
4,6-Dinitro-2-methylphenol
Concen: 2.25 ng/ul
RT: 15.73 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion:198 Resp: 4770

Ion	Ratio	Lower	Upper
198	100		
182	136.4	3.4	5.0#
77	632.3	22.4	33.6#

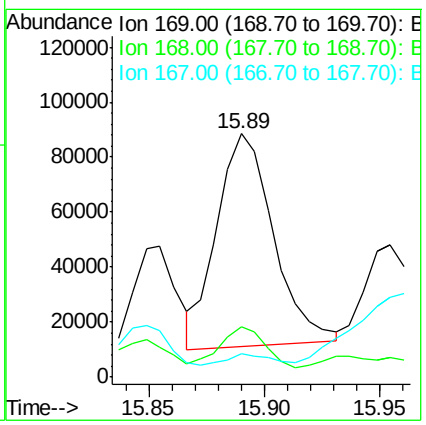


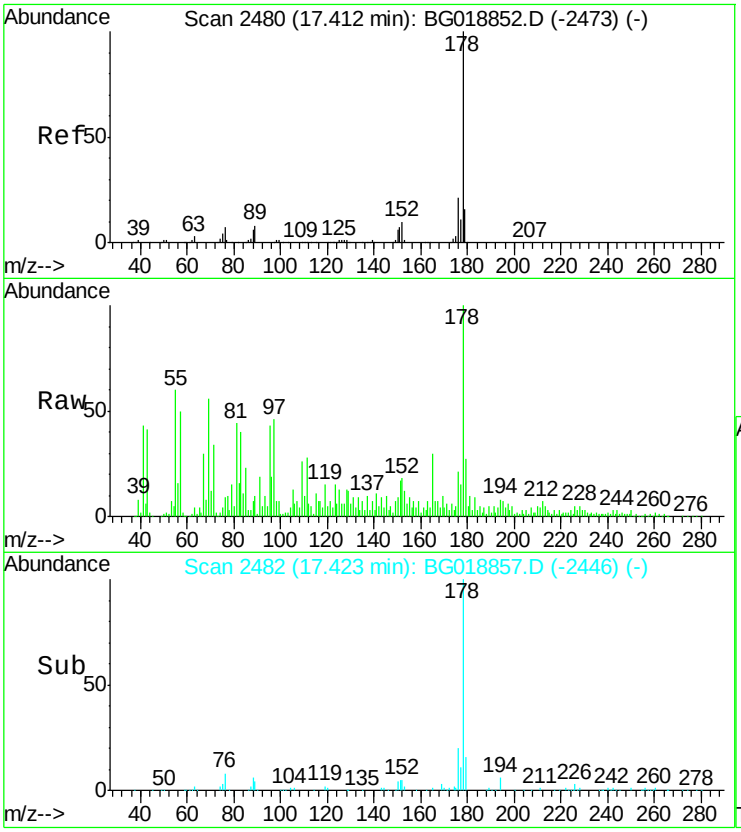


#65
N-Nitrosodiphenylamine
Concen: 11.52 ng/ul
RT: 15.89 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Tgt Ion:169 Resp: 131935

Ion	Ratio	Lower	Upper
169	100		
168	20.8	60.2	90.2#
167	9.7	33.4	50.2#



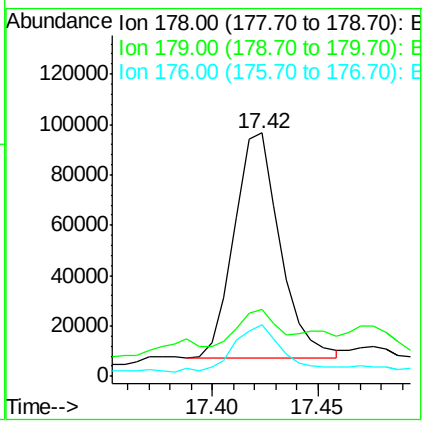


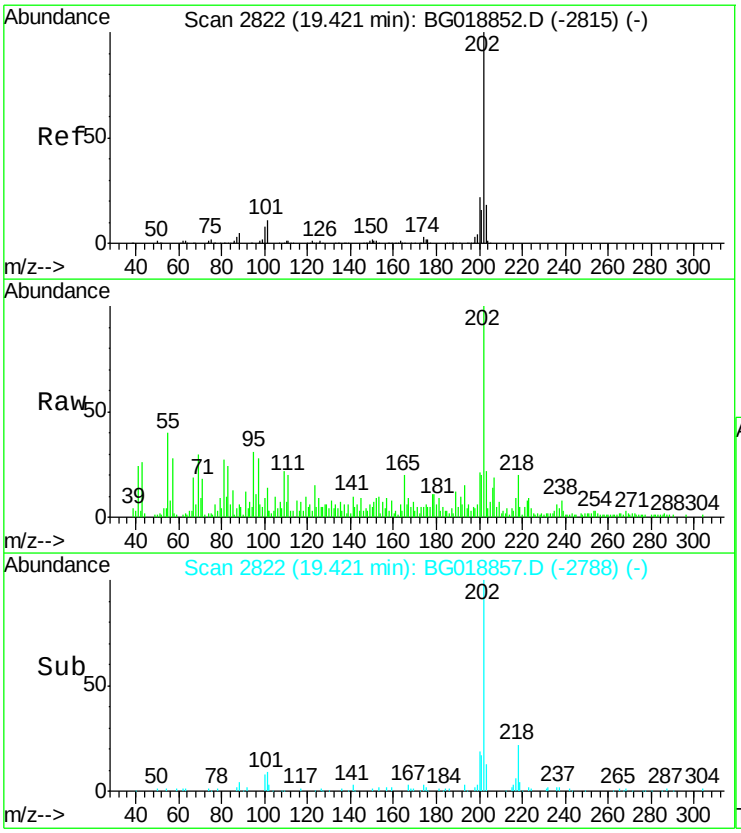
#70
Phenanthrene
Concen: 6.07 ng/ul
RT: 17.42 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion:178 Resp: 134943

Ion	Ratio	Lower	Upper
178	100		
179	27.3	13.7	20.5#
176	21.2	16.6	24.8

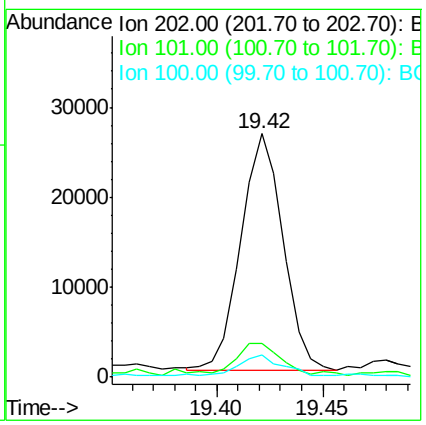


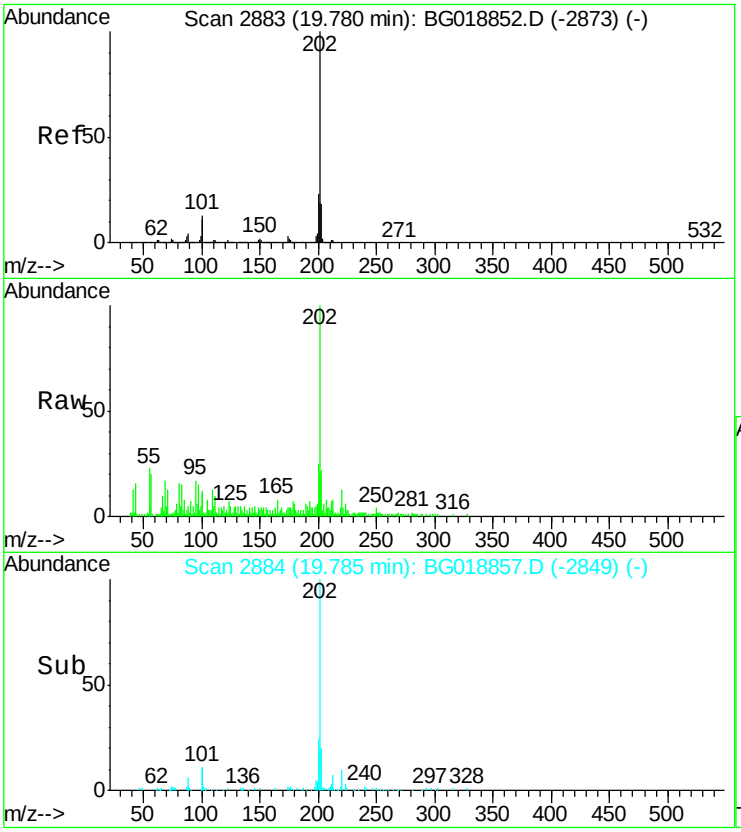


#77
Fluoranthene
Concen: 1.48 ng/ul
RT: 19.42 min Scan# 2822
Delta R.T. -0.00 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Tgt Ion:202 Resp: 36520

Ion	Ratio	Lower	Upper
202	100		
101	16.5	9.7	14.5#
100	8.9	7.8	11.8





#80
Pyrene
Concen: 1.38 ng/ul
RT: 19.79 min Scan# 2884
Delta R.T. 0.01 min
Lab File: BG018857.D
Acq: 23 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
JHAD4

Tgt Ion:202 Resp: 45895

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.0	16.4
100	10.6	9.8	14.6