

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
 Data File : BG023545.D
 Acq On : 8 Aug 2016 22:13
 Operator : UM/SJ
 Sample : H4338-14MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4V21MSD

Quant Time: Aug 09 04:44:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 09 02:15:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	142520	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	646724	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	477545	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1152613	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1144111	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1141629	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	1853	0.55	ng/uL	0.00
5) Phenol-d5	7.27	99	109303	7.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	1509	0.16	ng/ul	0.06
9) 2-Chlorophenol-d4	7.64	132	252969	25.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	197209	17.59	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	192	0.04	ng/ul	0.18
22) 2-Nitrophenol-d4	10.02	143	200432	34.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	334509	30.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	45516	3.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	1308146	33.46	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1447613	32.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	55401	8.30	ng/ul	0.00
57) Fluorene-d10	15.78	176	1186058	32.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	257999	34.89	ng/ul	0.00
70) Anthracene-d10	17.64	188	1803154	34.72	ng/ul	0.00
76) Pyrene-d10	19.93	212	1958671	33.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1801433	34.86	ng/ul	0.00

Target Compounds

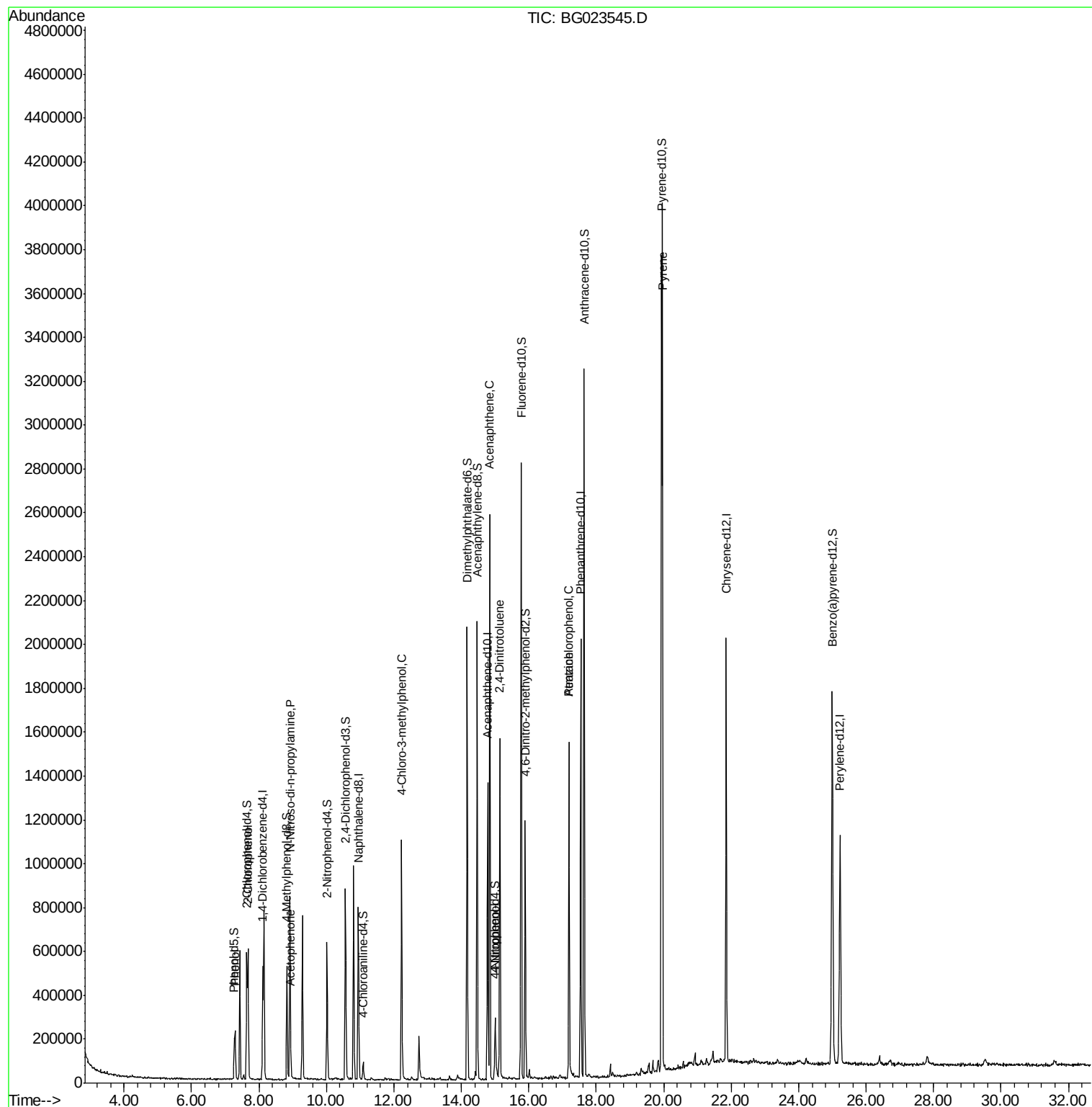
						Qvalue
6) Phenol	7.30	94	118538	7.93	ng/ul#	79
10) 2-Chlorophenol	7.68	128	259791	26.04	ng/ul#	81
14) Acetophenone	8.94	105	39563	2.20	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.92	70	347229	32.11	ng/ul#	85
33) 4-Chloro-3-methylphenol	12.23	107	409735	28.59	ng/ul#	87
49) Acenaphthene	14.84	153	1013530	32.32	ng/ul	95
52) 4-Nitrophenol	15.01	109	50835	7.60	ng/ul#	73
54) 2,4-Dinitrotoluene	15.14	165	430757	33.87	ng/ul#	72
67) Atrazine	17.19	200	60767	4.57	ng/ul#	36
68) Pentachlorophenol	17.19	266	288261	37.10	ng/ul	93
77) Pyrene	19.96	202	2270765	32.11	ng/ul	99

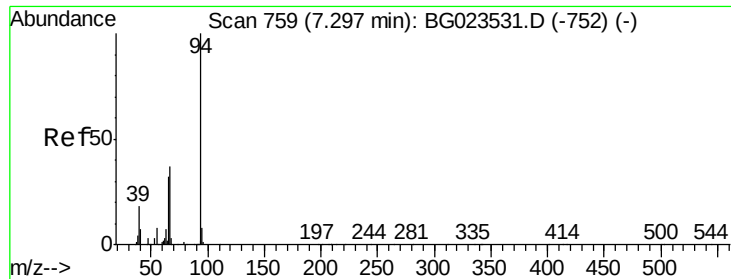
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023545.D
Acq On : 8 Aug 2016 22:13
Operator : UM/SJ
Sample : H4338-14MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4V21MSD

Quant Time: Aug 09 04:44:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration





#6

Phenol

Concen: 7.93 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG023545.D

Acq: 8 Aug 2016 22:13

Instrument :

BNA_G

ClientSampleId :

A4V21MSD

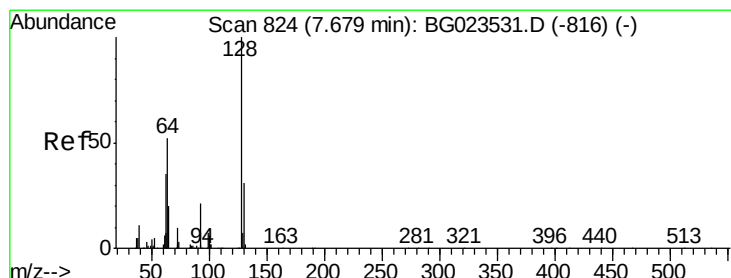
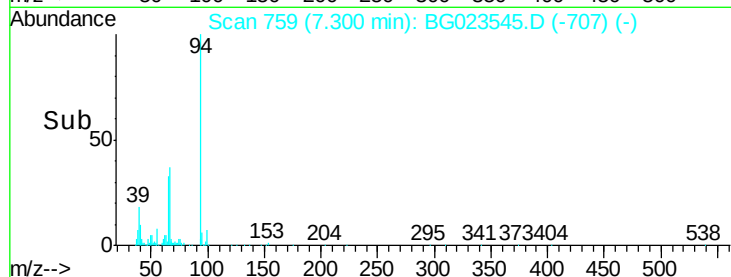
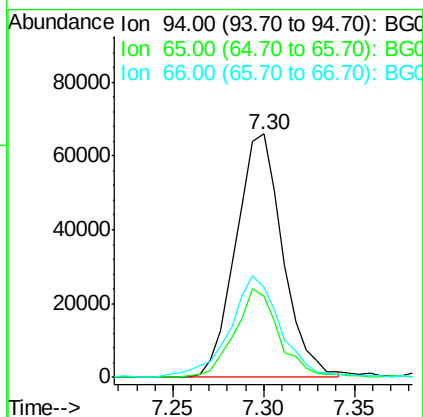
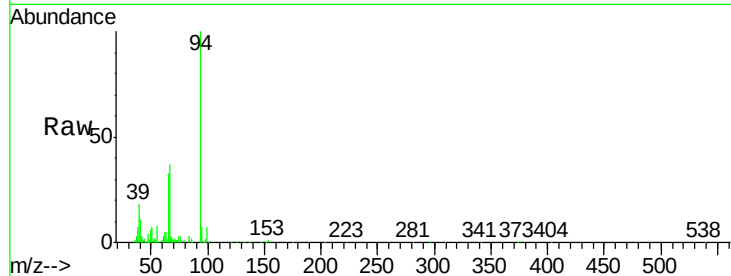
Tgt Ion: 94 Resp: 118538

Ion Ratio Lower Upper

94 100

65 33.2 16.8 25.2#

66 37.0 22.6 33.8#



#10

2-Chlorophenol

Concen: 26.04 ng/ul

RT: 7.68 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG023545.D

Acq: 8 Aug 2016 22:13

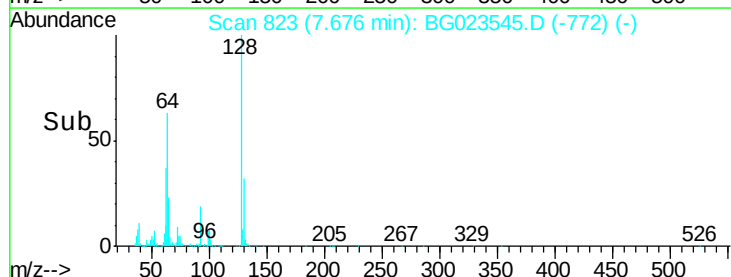
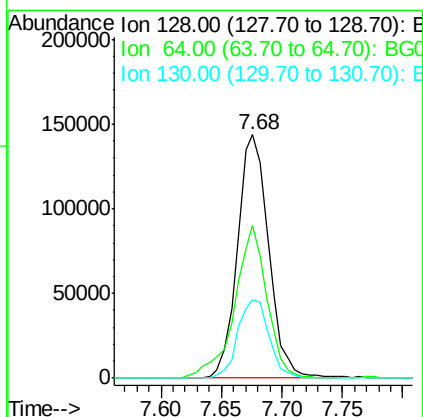
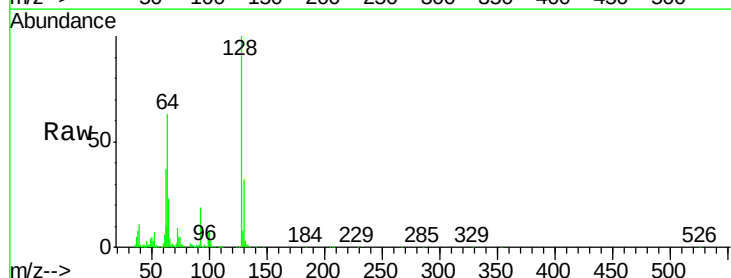
Tgt Ion: 128 Resp: 259791

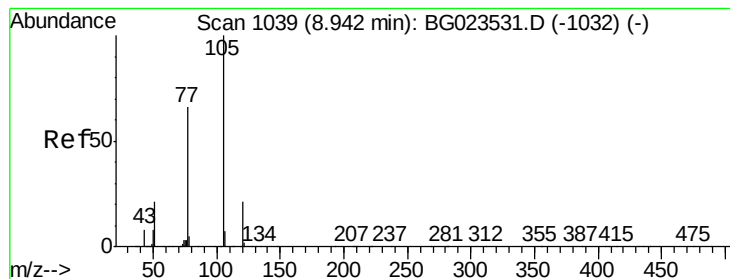
Ion Ratio Lower Upper

128 100

64 62.7 34.2 51.4#

130 32.0 27.0 40.4





#14

Acetophenone

Concen: 2.20 ng/ul

RT: 8.94 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BG023545.D

Acq: 8 Aug 2016 22:13

Instrument :

BNA_G

ClientSampleId :

A4V21MSD

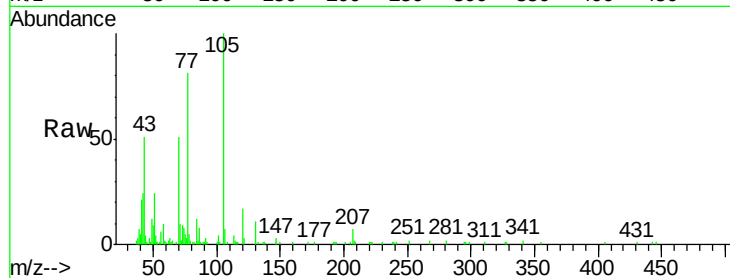
Tgt Ion: 105 Resp: 39563

Ion Ratio Lower Upper

105 100

77 80.9 56.1 84.1

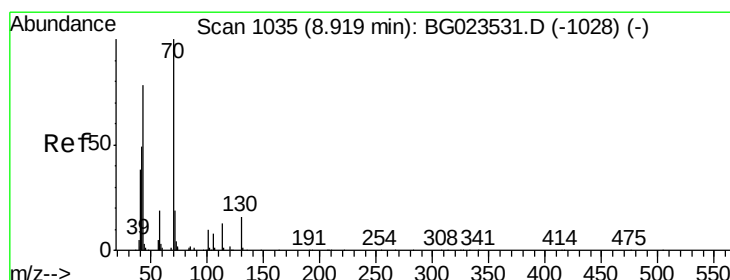
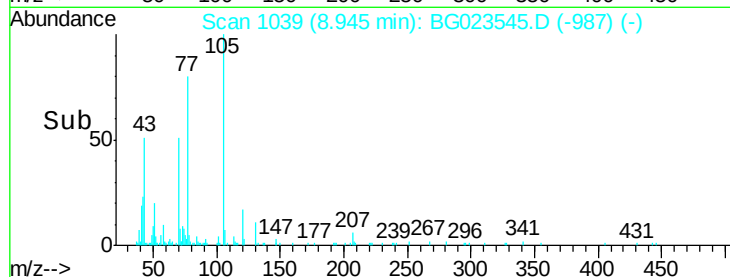
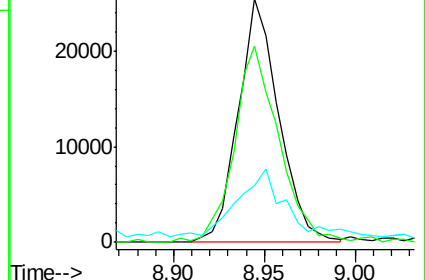
51 23.5 14.6 22.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#15

N-Nitroso-di-n-propylamine

Concen: 32.11 ng/ul

RT: 8.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BG023545.D

Acq: 8 Aug 2016 22:13

Tgt Ion: 70 Resp: 347229

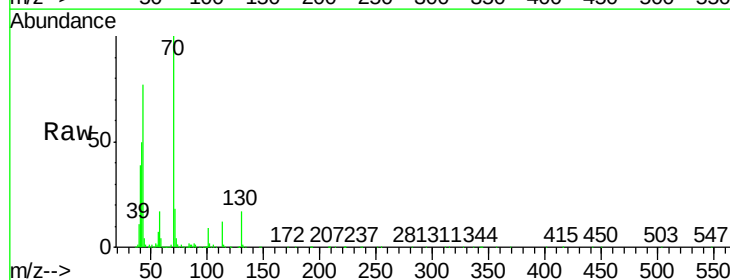
Ion Ratio Lower Upper

70 100

42 50.3 31.4 47.2#

101 8.7 8.6 13.0

130 16.7 19.0 28.4#

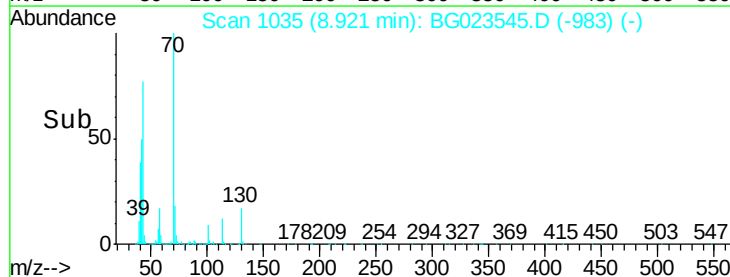
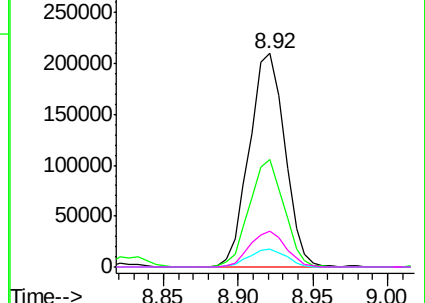


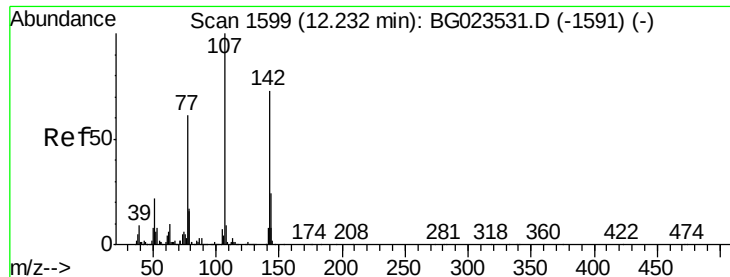
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

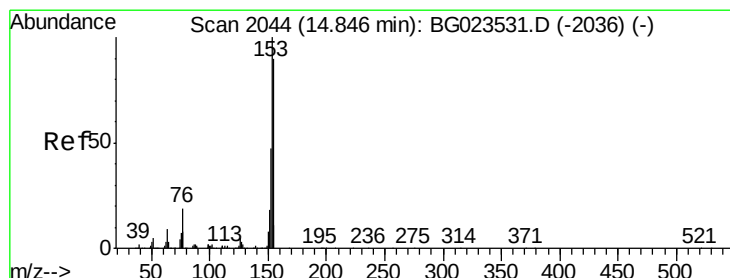
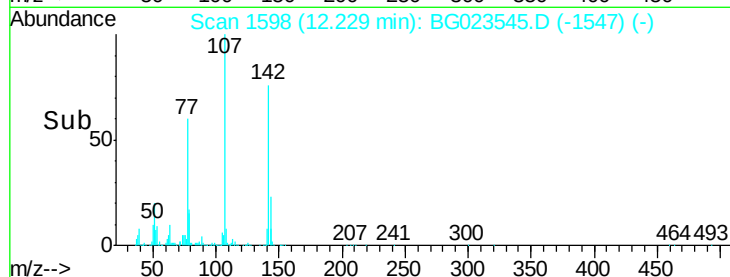
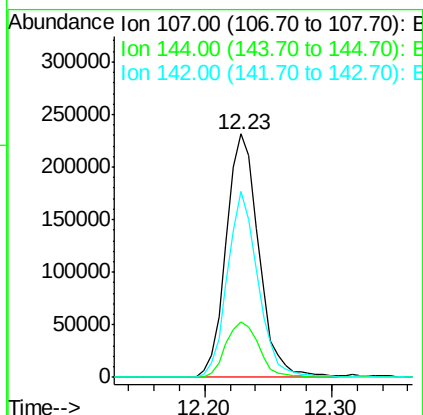
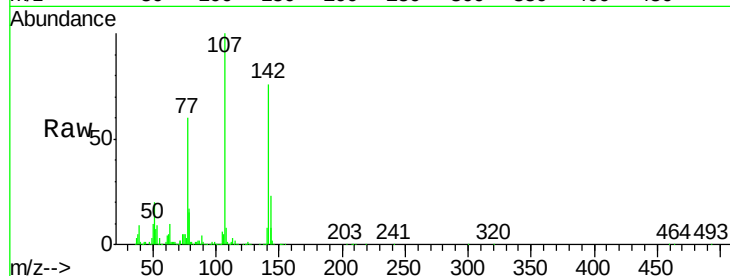




#33
 4-Chloro-3-methylphenol
 Concen: 28.59 ng/ul
 RT: 12.23 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BG023545.D
 Acq: 8 Aug 2016 22:13

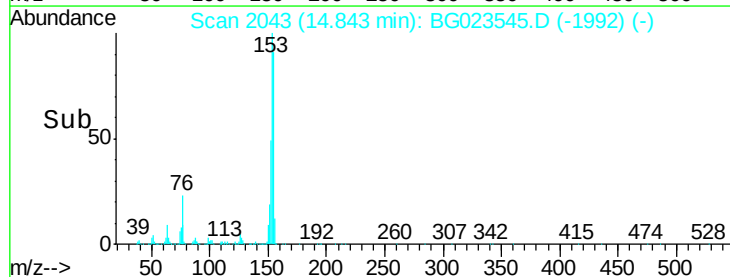
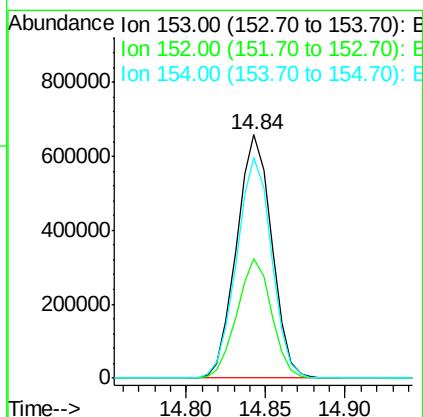
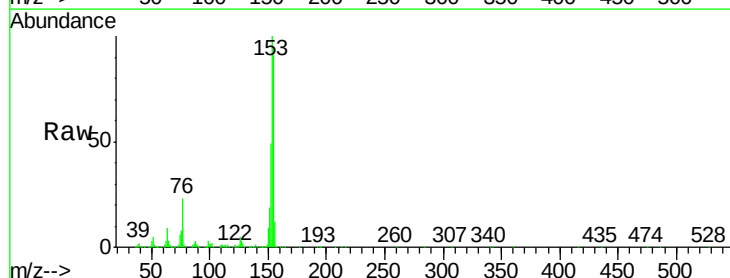
Instrument :
 BNA_G
 ClientSampleId :
 A4V21MSD

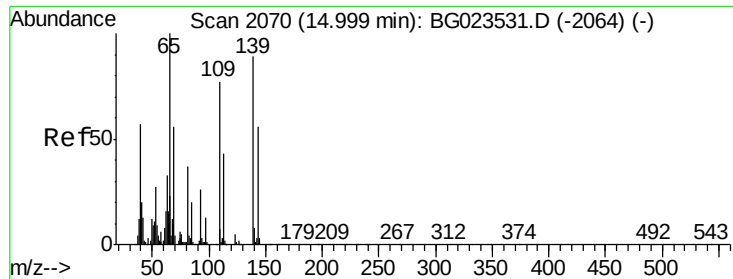
Tgt Ion:107 Resp: 409735
 Ion Ratio Lower Upper
 107 100
 144 22.6 22.7 34.1#
 142 76.4 71.6 107.4



#49
 Acenaphthene
 Concen: 32.32 ng/ul
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BG023545.D
 Acq: 8 Aug 2016 22:13

Tgt Ion:153 Resp: 1013530
 Ion Ratio Lower Upper
 153 100
 152 49.3 37.3 55.9
 154 90.6 68.2 102.2





#52

4-Nitrophenol

Concen: 7.60 ng/ul

RT: 15.01 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BG023545.D

Acq: 8 Aug 2016 22:13

Instrument :

BNA_G

ClientSampleId :

A4V21MSD

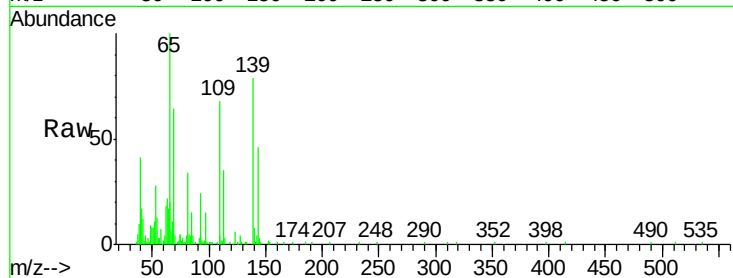
Tgt Ion:109 Resp: 50835

Ion Ratio Lower Upper

109 100

139 117.4 136.1 204.1#

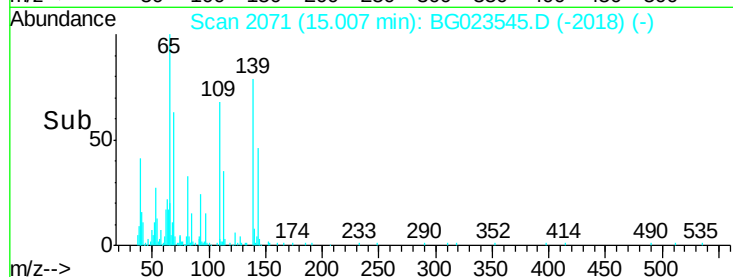
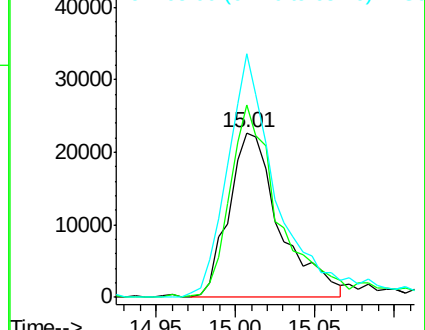
65 148.1 106.0 159.0



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#54

2,4-Dinitrotoluene

Concen: 33.87 ng/ul

RT: 15.14 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG023545.D

Acq: 8 Aug 2016 22:13

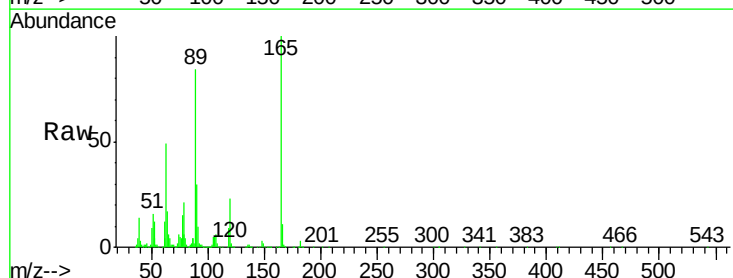
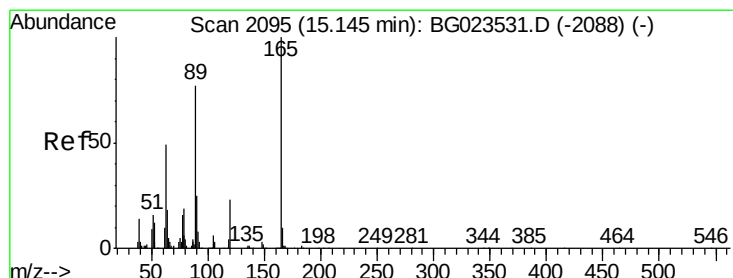
Tgt Ion:165 Resp: 430757

Ion Ratio Lower Upper

165 100

63 48.7 25.7 38.5#

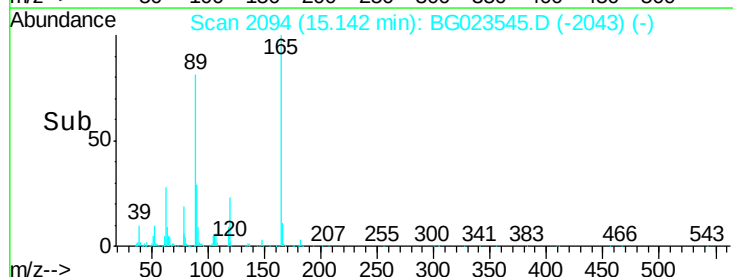
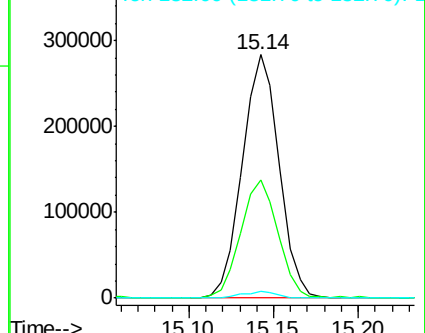
182 2.6 2.1 3.1

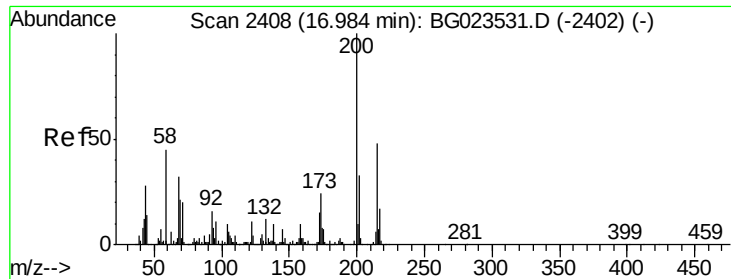


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

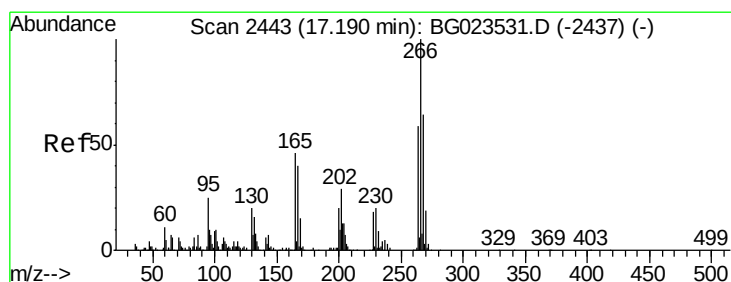
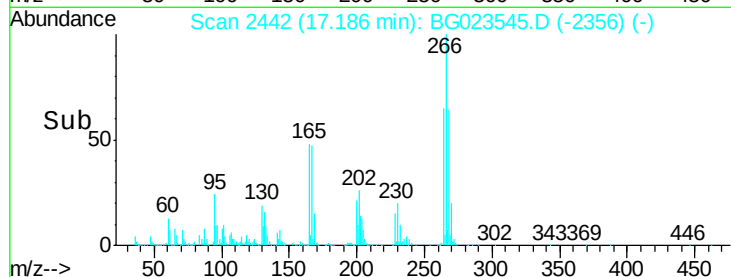
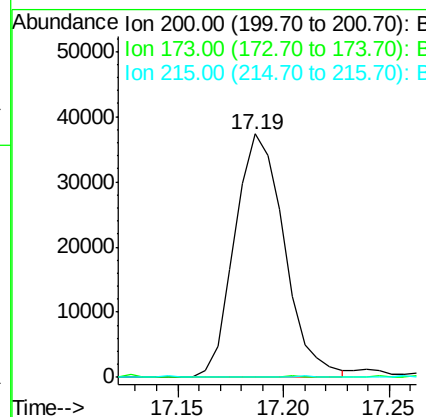
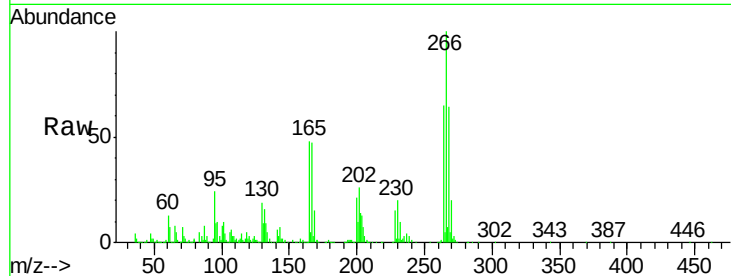




#67
 Atrazine
 Concen: 4.57 ng/ul
 RT: 17.19 min Scan# 2442
 Delta R.T. 0.20 min
 Lab File: BG023545.D
 Acq: 8 Aug 2016 22:13

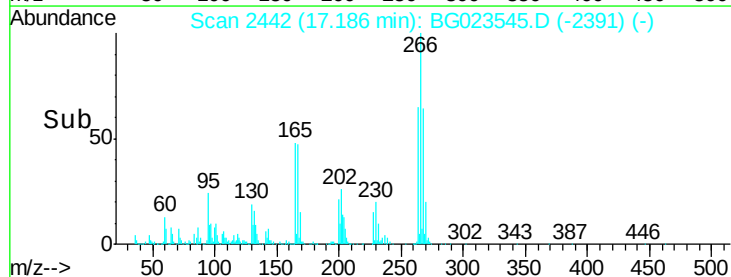
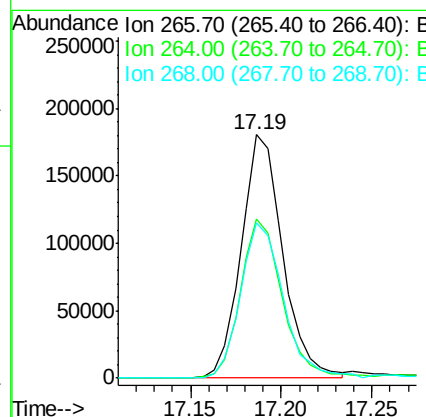
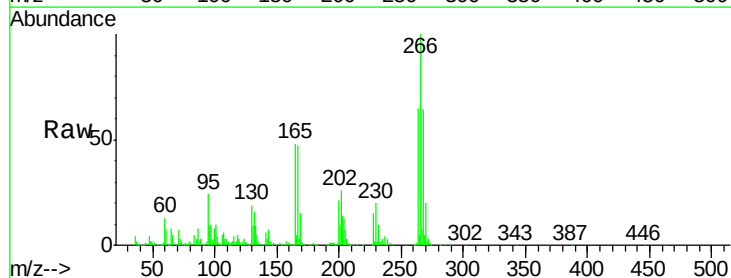
Instrument :
 BNA_G
 ClientSampleId :
 A4V21MSD

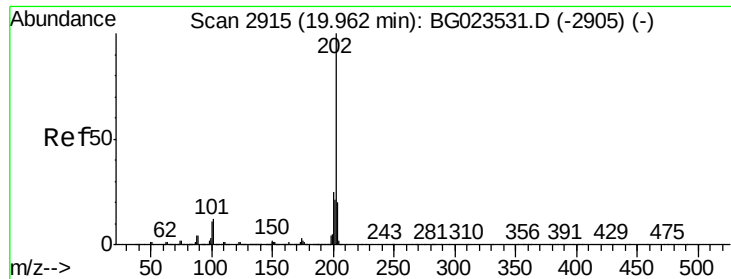
Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	21.0	31.6#
215	0.0	37.9	56.9#



#68
 Pentachlorophenol
 Concen: 37.10 ng/ul
 RT: 17.19 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG023545.D
 Acq: 8 Aug 2016 22:13

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.3	54.7	82.1
268	63.6	57.8	86.8





#77
 Pyrene
 Concen: 32.11 ng/ul
 RT: 19.96 min Scan# 2914
 Delta R.T. -0.00 min
 Lab File: BG023545.D
 Acq: 8 Aug 2016 22:13

Instrument :
 BNA_G
 ClientSampleId :
 A4V21MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.5	18.7
100	12.8	10.2	15.4

