

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061915\
 Data File : BG017736.D
 Acq On : 19 Jun 2015 19:07
 Operator : TP/IZ
 Sample : G2700-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H0UN2MSD

Quant Time: Jun 20 01:14:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG061915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 19 17:30:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	70303	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	337862	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	211777	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	455483	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	460389	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	443020	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1691	1.07	ng/uL	0.00
5) Phenol-d5	6.79	99	37064	6.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	98911	28.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	111059	22.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	70885	14.11	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	71353	27.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	72020	27.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	118974	24.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	16543	2.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	404947	28.10	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	518663	27.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	17192	5.55	ng/ul	0.00
57) Fluorene-d10	15.27	176	389394	27.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	62567	25.87	ng/ul	0.00
70) Anthracene-d10	17.12	188	599261	28.52	ng/ul	0.00
78) Pyrene-d10	19.42	212	677804	29.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	520542	26.43	ng/ul	0.00

Target Compounds

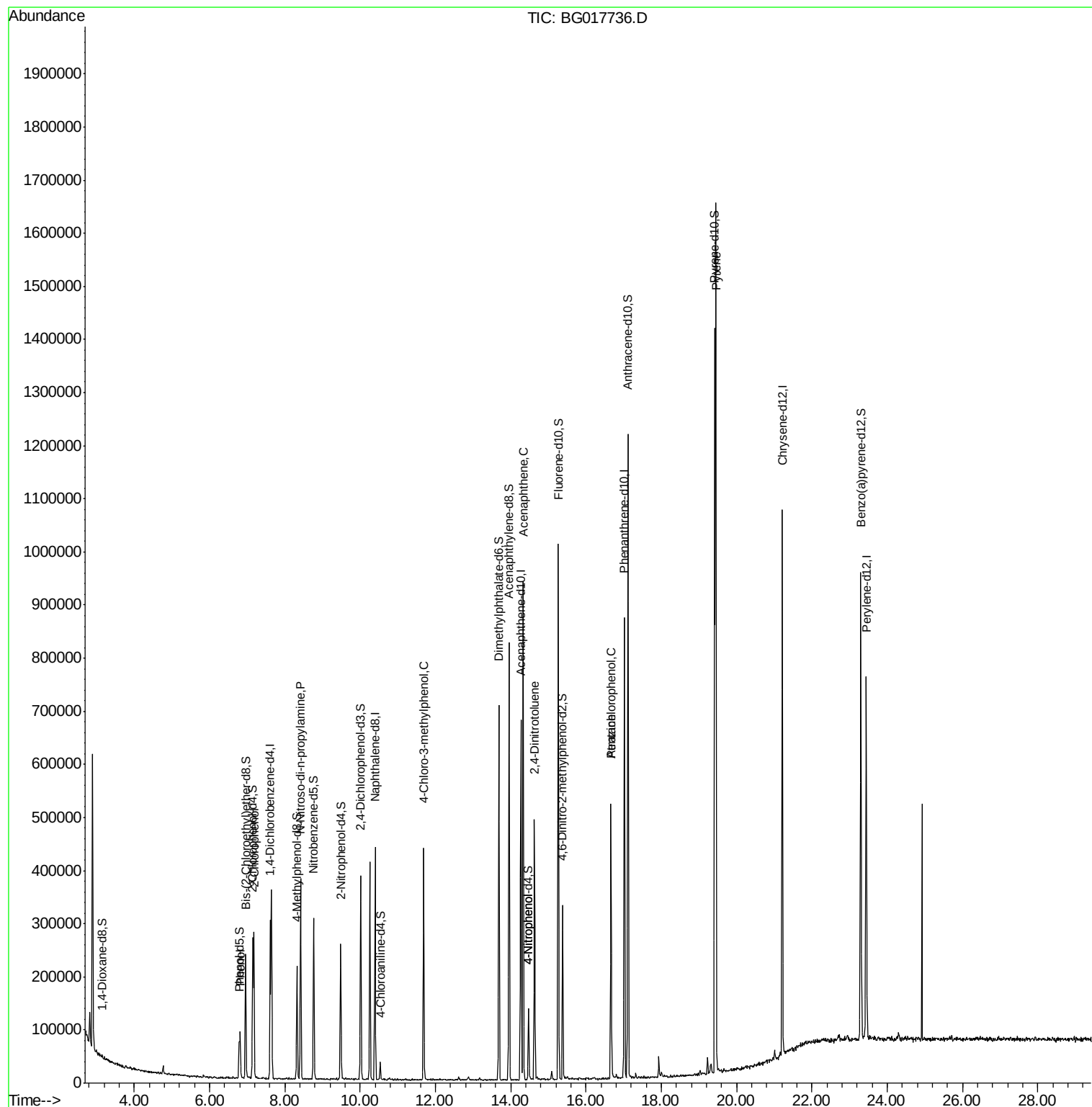
						Qvalue
6) Phenol	6.81	94	39807	6.13	ng/ul	94
10) 2-Chlorophenol	7.18	128	109719	21.89	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	124082	27.86	ng/ul#	92
33) 4-Chloro-3-methylphenol	11.69	107	135841	23.76	ng/ul	93
49) Acenaphthene	14.33	153	363346	26.38	ng/ul	99
52) 4-Nitrophenol	14.48	109	14867	6.16	ng/ul#	75
54) 2,4-Dinitrotoluene	14.64	165	118340	27.30	ng/ul#	89
67) Atrazine	16.66	200	11911	2.27	ng/ul#	38
68) Pentachlorophenol	16.66	266	75835	28.20	ng/ul	97
79) Pyrene	19.45	202	823247	28.26	ng/ul#	82

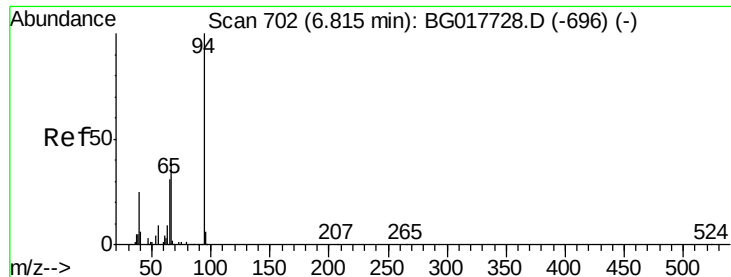
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.13 ng/ul

RT: 6.81 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG017736.D

Acq: 19 Jun 2015 19:07

Instrument :

BNA_G

ClientSampleId :

H0UN2MSD

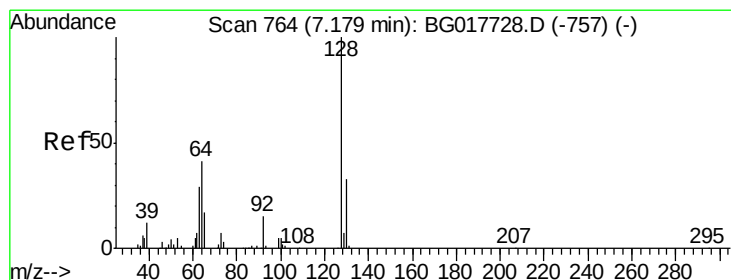
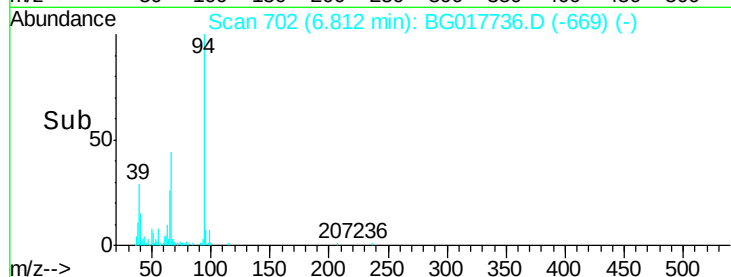
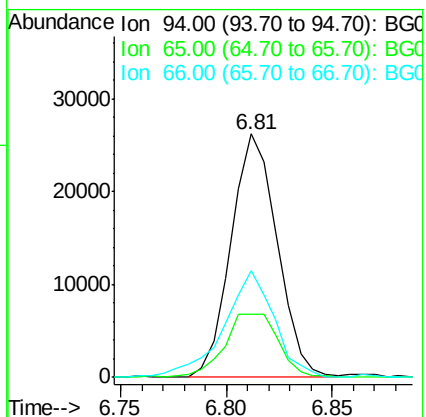
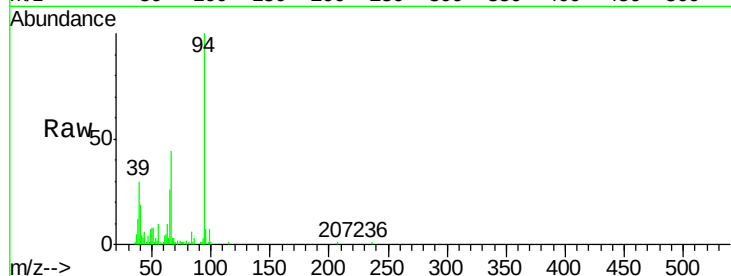
Tgt Ion: 94 Resp: 39807

Ion Ratio Lower Upper

94 100

65 26.1 26.1 39.1

66 43.7 35.9 53.9



#10

2-Chlorophenol

Concen: 21.89 ng/ul

RT: 7.18 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG017736.D

Acq: 19 Jun 2015 19:07

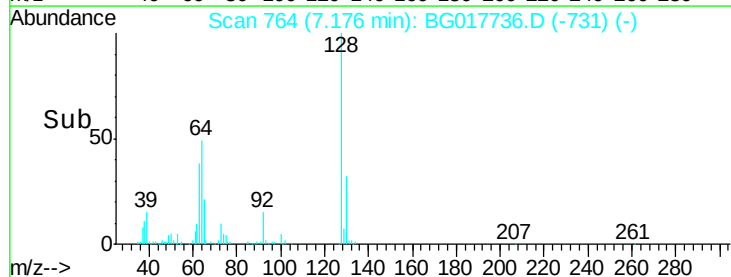
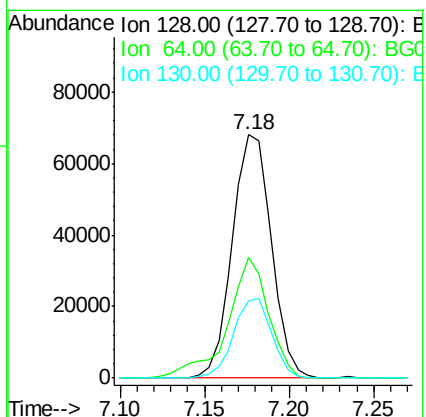
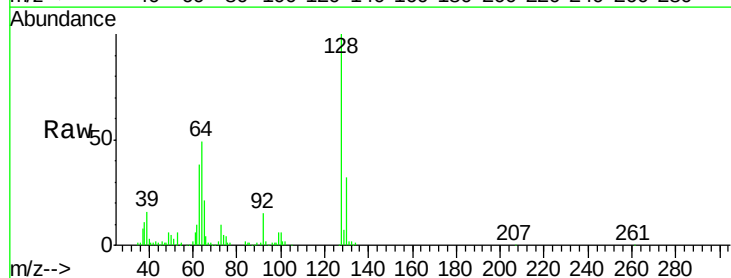
Tgt Ion: 128 Resp: 109719

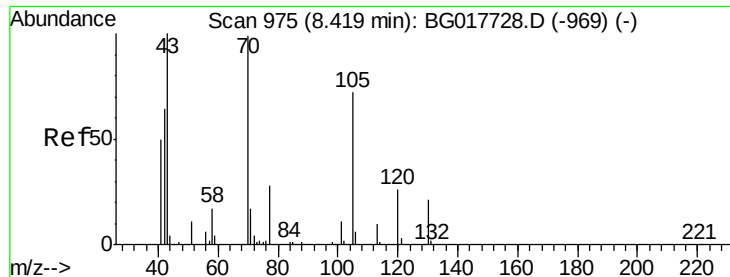
Ion Ratio Lower Upper

128 100

64 49.4 37.4 56.2

130 31.6 25.4 38.0





#15

N-Nitroso-di-n-propylamine

Concen: 27.86 ng/ul

RT: 8.42 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG017736.D

Acq: 19 Jun 2015 19:07

Instrument :

BNA_G

ClientSampleId :

H0UN2MSD

Tgt Ion: 70 Resp: 124082

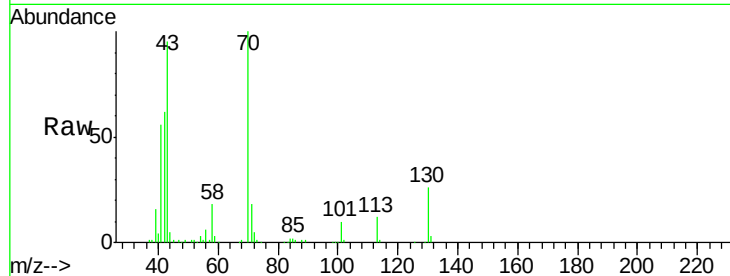
Ion Ratio Lower Upper

70 100

42 62.1 45.2 67.8

101 9.8 7.8 11.6

130 25.7 15.5 23.3#

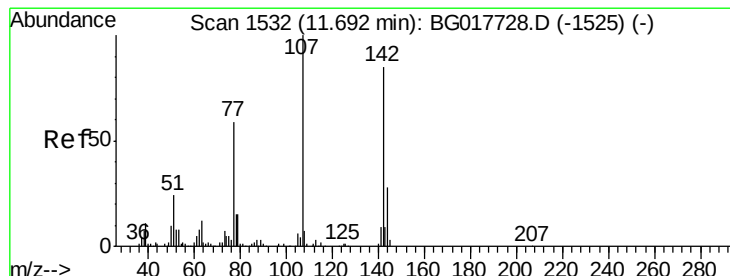
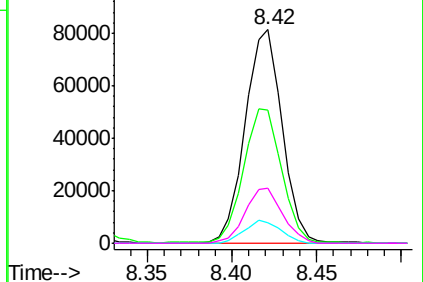
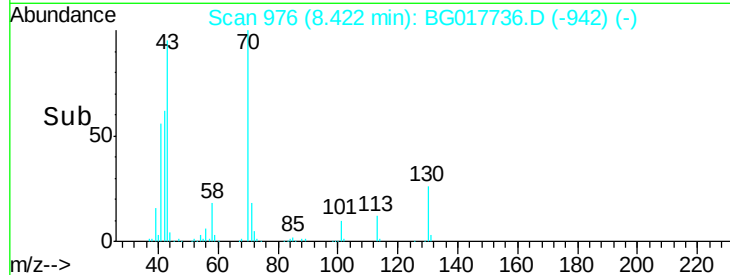


Abundance Ion 70.00 (69.70 to 70.70): BG017736.D (-942) (-)

Ion 42.00 (41.70 to 42.70): BG017736.D (-942) (-)

Ion 101.00 (100.70 to 101.70): BG017736.D (-942) (-)

Ion 130.00 (129.70 to 130.70): BG017736.D (-942) (-)



#33

4-Chloro-3-methylphenol

Concen: 23.76 ng/ul

RT: 11.69 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BG017736.D

Acq: 19 Jun 2015 19:07

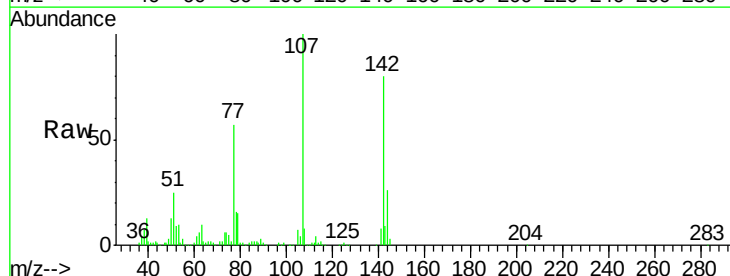
Tgt Ion: 107 Resp: 135841

Ion Ratio Lower Upper

107 100

144 26.2 20.2 30.4

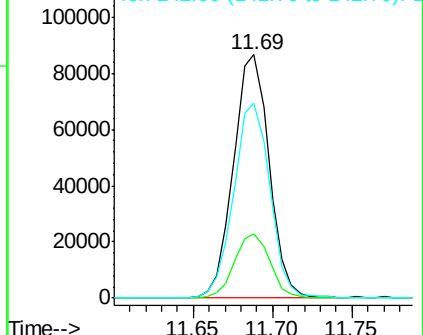
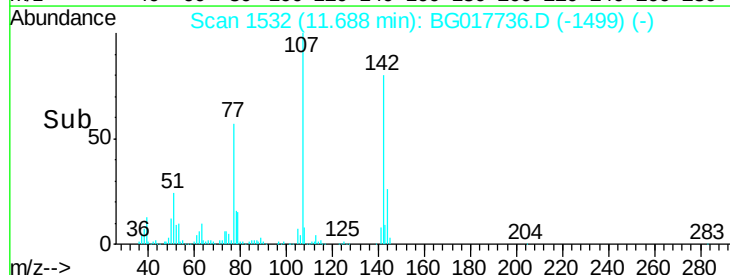
142 80.0 57.7 86.5

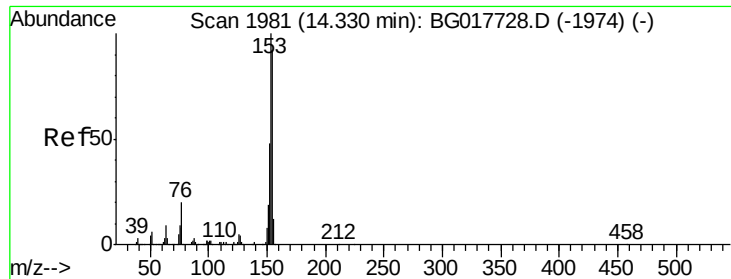


Abundance Ion 107.00 (106.70 to 107.70): BG017736.D (-1499) (-)

Ion 144.00 (143.70 to 144.70): BG017736.D (-1499) (-)

Ion 142.00 (141.70 to 142.70): BG017736.D (-1499) (-)





#49

Acenaphthene

Concen: 26.38 ng/ul

RT: 14.33 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG017736.D

Acq: 19 Jun 2015 19:07

Instrument :

BNA_G

ClientSampleId :

H0UN2MSD

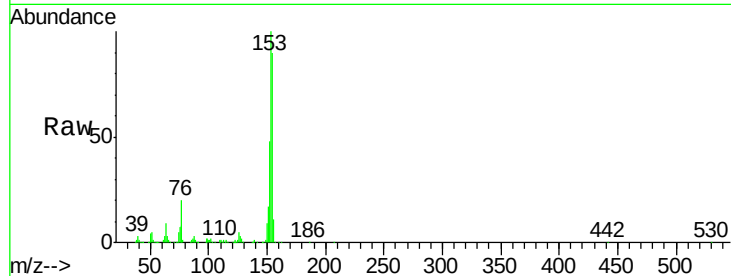
Tgt Ion:153 Resp: 363346

Ion Ratio Lower Upper

153 100

152 48.1 36.6 55.0

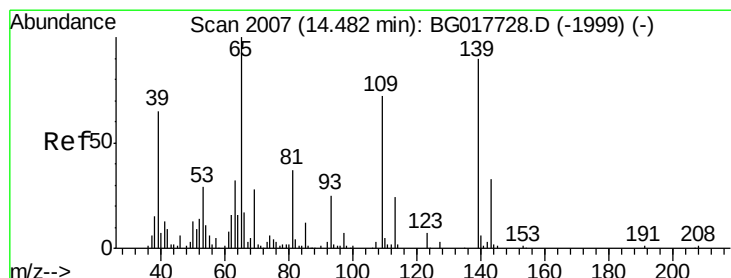
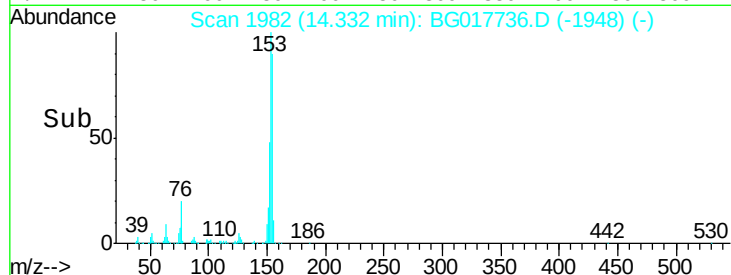
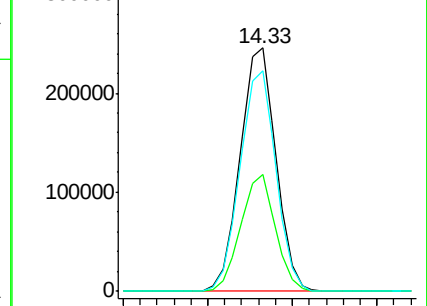
154 90.3 72.6 108.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 6.16 ng/ul

RT: 14.48 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG017736.D

Acq: 19 Jun 2015 19:07

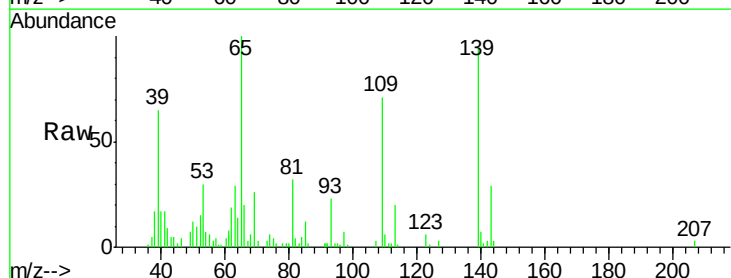
Tgt Ion:109 Resp: 14867

Ion Ratio Lower Upper

109 100

139 132.3 81.7 122.5#

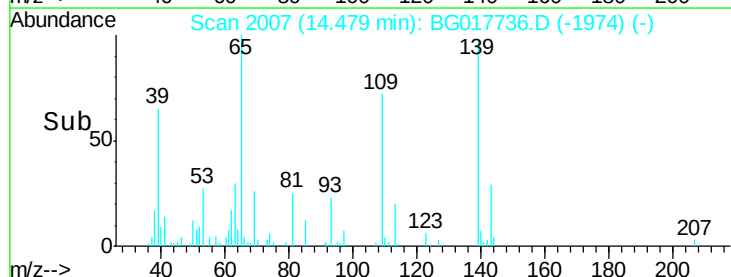
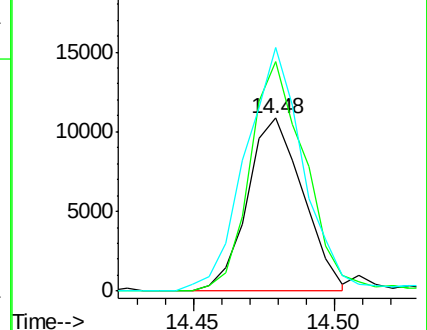
65 140.6 94.3 141.5

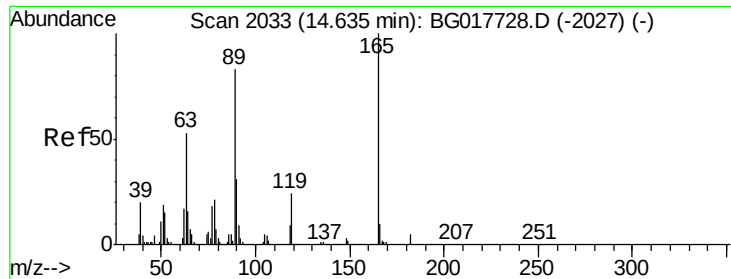


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGO

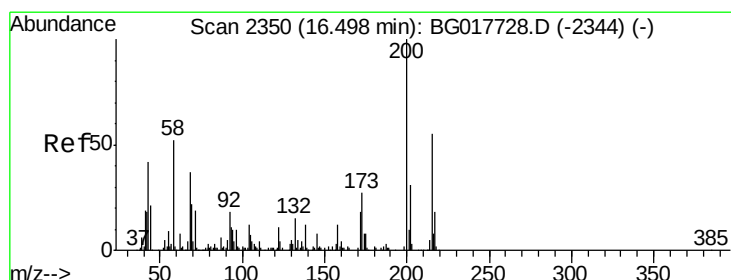
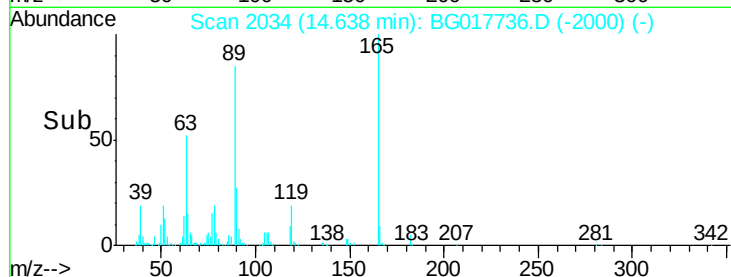
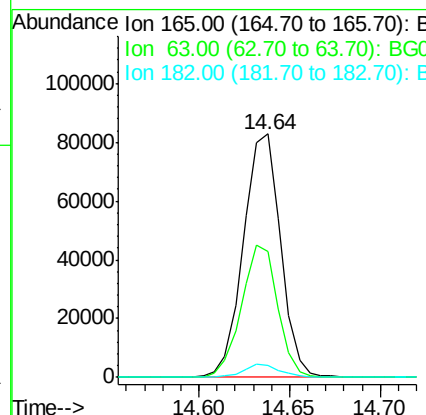
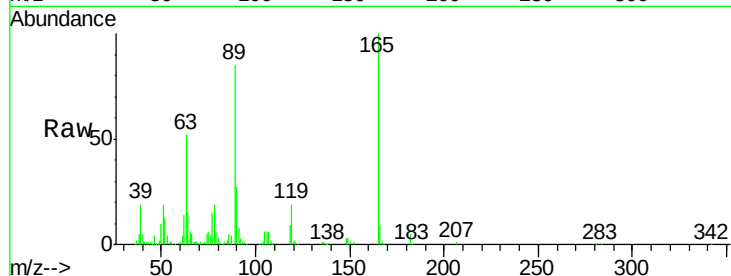




#54
 2,4-Dinitrotoluene
 Concen: 27.30 ng/ul
 RT: 14.64 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG017736.D
 Acq: 19 Jun 2015 19:07

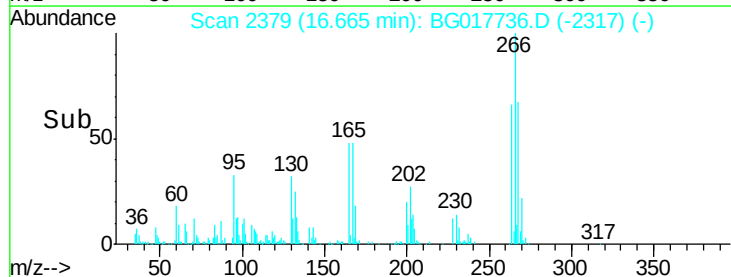
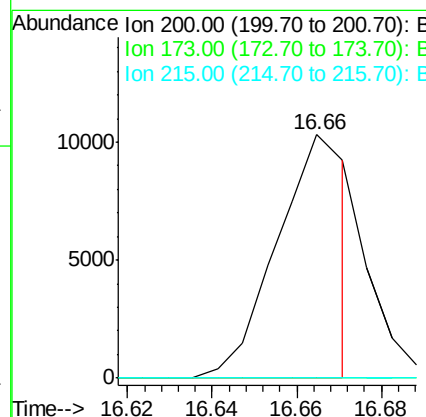
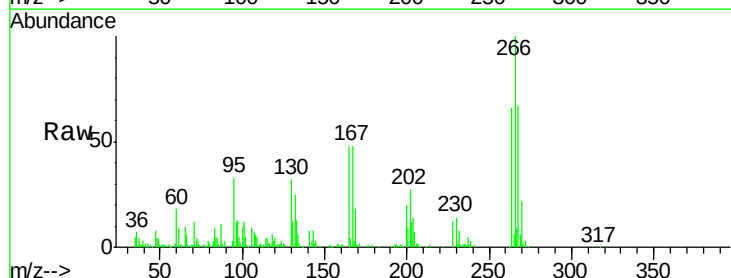
Instrument :
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 ClientSampleId :
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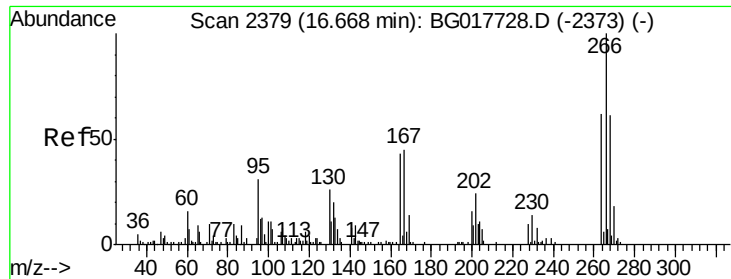
Tgt Ion:165 Resp: 118340
 Ion Ratio Lower Upper
 165 100
 63 51.7 35.4 53.2
 182 4.9 2.1 3.1#



#67
 Atrazine
 Concen: 2.27 ng/ul
 RT: 16.66 min Scan# 2379
 Delta R.T. 0.17 min
 Lab File: BG017736.D
 Acq: 19 Jun 2015 19:07

Tgt Ion:200 Resp: 11911
 Ion Ratio Lower Upper
 200 100
 173 0.0 19.6 29.4#
 215 0.0 36.2 54.4#





#68

Pentachlorophenol

Concen: 28.20 ng/ul

RT: 16.66 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG017736.D

Acq: 19 Jun 2015 19:07

Instrument :

BNA_G

ClientSampleId :

H0UN2MSD

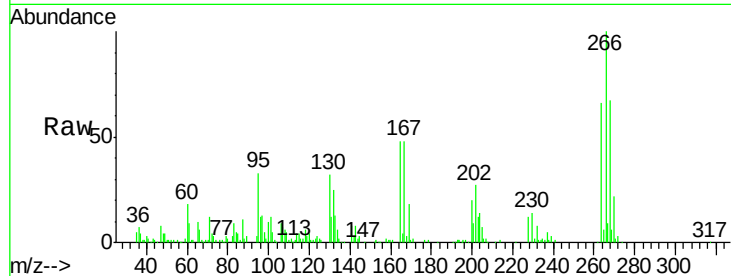
Tgt Ion:266 Resp: 75835

Ion Ratio Lower Upper

266 100

264 65.9 50.8 76.2

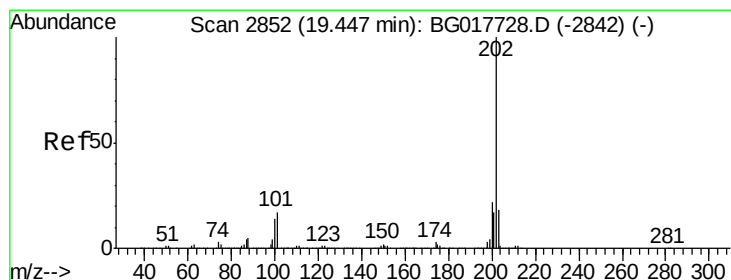
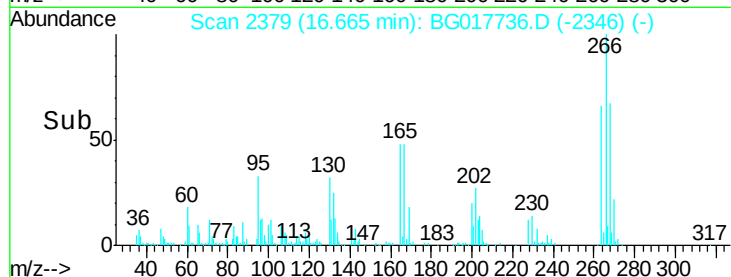
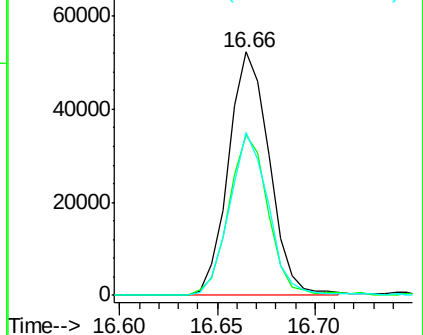
268 67.1 52.0 78.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79

Pyrene

Concen: 28.26 ng/ul

RT: 19.45 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG017736.D

Acq: 19 Jun 2015 19:07

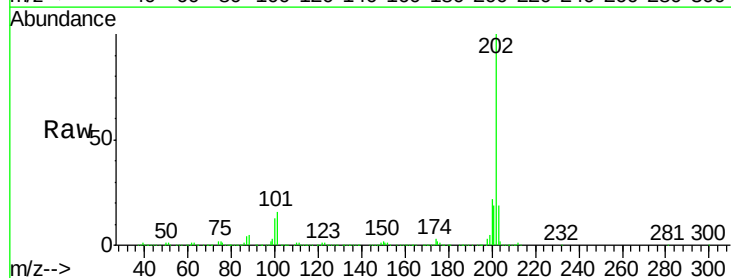
Tgt Ion:202 Resp: 823247

Ion Ratio Lower Upper

202 100

101 15.8 6.9 10.3#

100 13.4 6.2 9.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

