

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032116\
 Data File : BG021459.D
 Acq On : 22 Mar 2016 1:00
 Operator : UM/SJ
 Sample : H1835-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T28MS

Quant Time: Mar 22 02:22:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 22 01:42:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	10189	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	47187	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	28850	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	65974	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	76977	20.00	ng/ul	-0.01
86) Perylene-d12	24.90	264	74789	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	222	0.98	ng/uL	0.00
5) Phenol-d5	7.35	99	6301	6.54	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.40	67	16825	29.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	17626	24.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	15225	18.45	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	11554	32.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	12486	30.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	20148	27.85	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	79913	33.27	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	95243	32.17	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	1899	4.95	ng/ul	0.02
58) Fluorene-d10	15.67	176	68637	31.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	11556	26.51	ng/ul	0.00
71) Anthracene-d10	17.52	188	109790	33.96	ng/ul	0.00
79) Pyrene-d10	19.80	212	128693	35.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	134532	38.97	ng/ul	0.00

Target Compounds

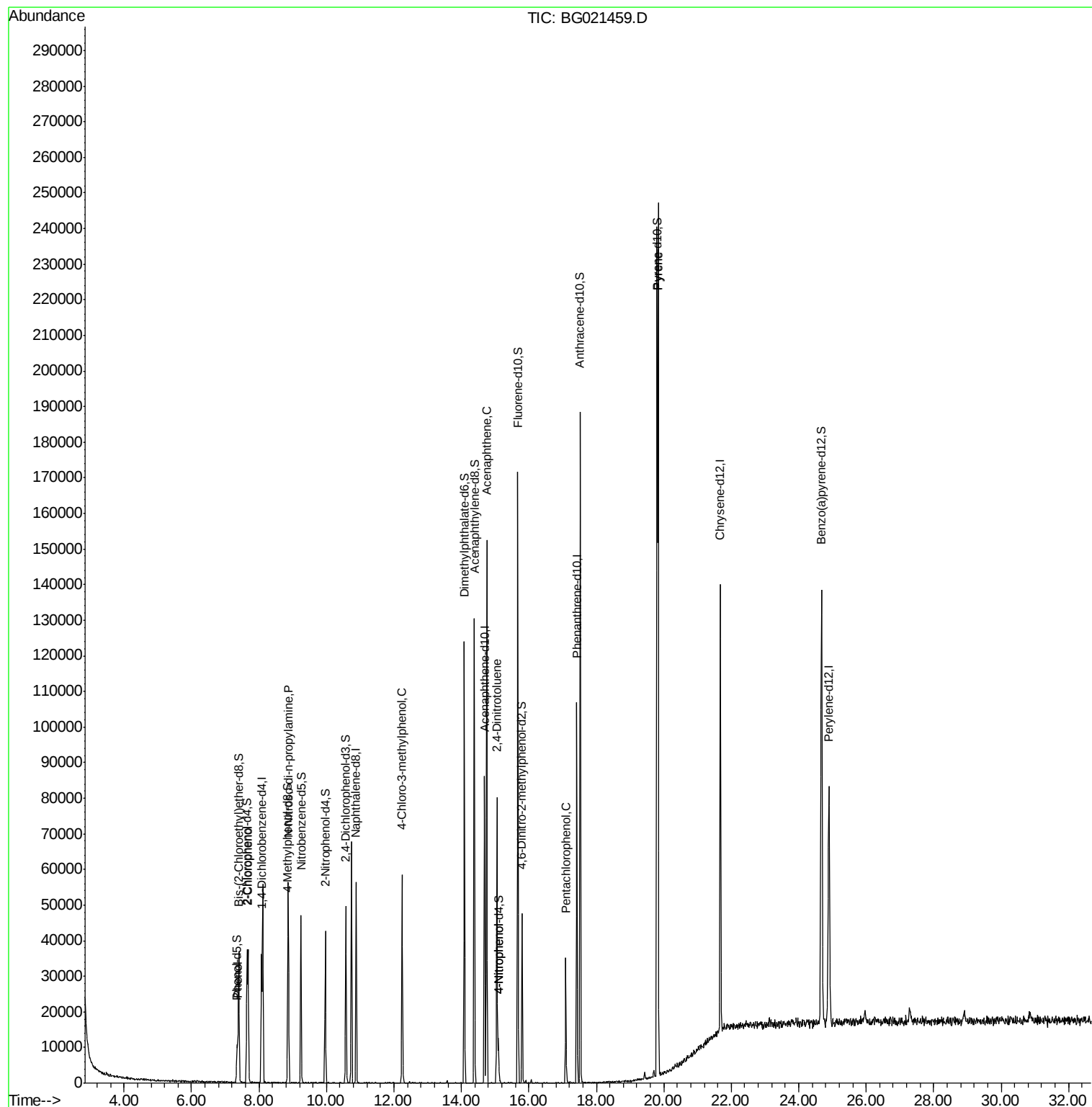
						Qvalue
6) Phenol	7.37	94	6440	6.32	ng/ul	94
10) 2-Chlorophenol	7.68	128	16900	22.48	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.87	70	21669	29.04	ng/ul#	93
33) 4-Chloro-3-methylphenol	12.24	107	22192	24.19	ng/ul#	88
50) Acenaphthene	14.75	153	62718	30.99	ng/ul	95
53) 4-Nitrophenol	15.10	109	2435	6.11	ng/ul#	74
55) 2,4-Dinitrotoluene	15.05	165	22284	29.84	ng/ul	89
69) Pentachlorophenol	17.10	266	7144	33.23	ng/ul	92
80) Pyrene	19.83	202	155093	33.81	ng/ul#	91

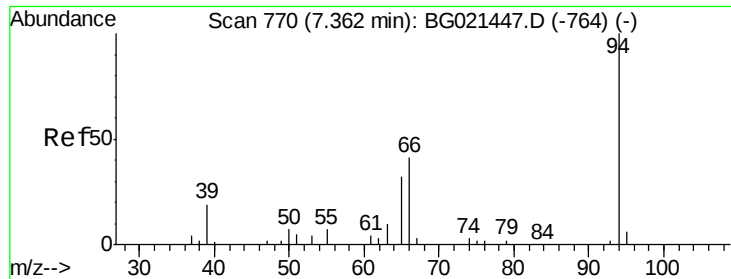
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.32 ng/ul

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021459.D

Acq: 22 Mar 2016 1:00

Instrument :

BNA_G

ClientSampled :

A4T28MS

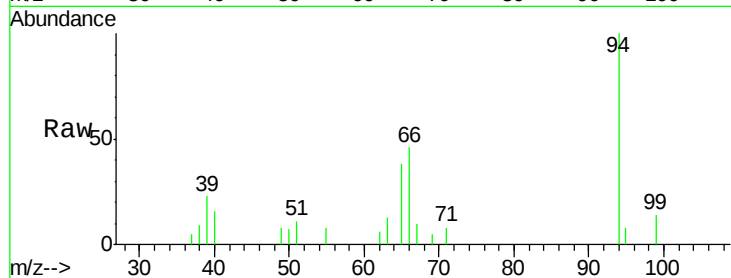
Tgt Ion: 94 Resp: 6440

Ion Ratio Lower Upper

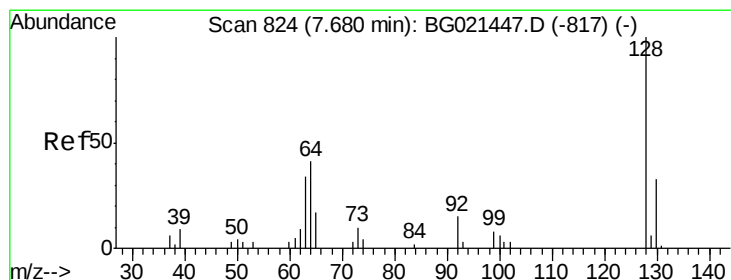
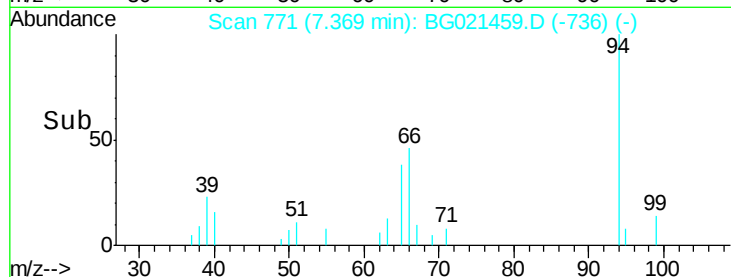
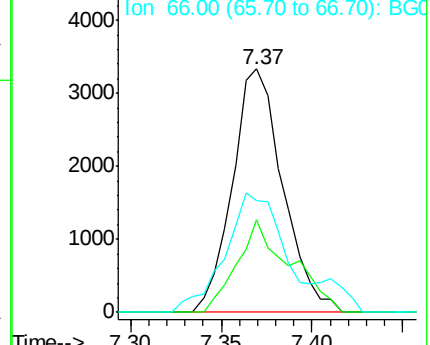
94 100

65 38.2 26.1 39.1

66 46.0 35.0 52.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 22.48 ng/ul

RT: 7.68 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG021459.D

Acq: 22 Mar 2016 1:00

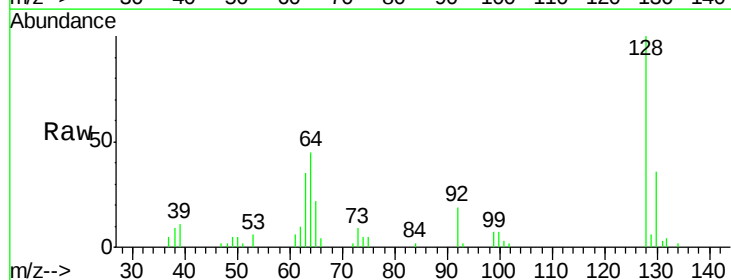
Tgt Ion: 128 Resp: 16900

Ion Ratio Lower Upper

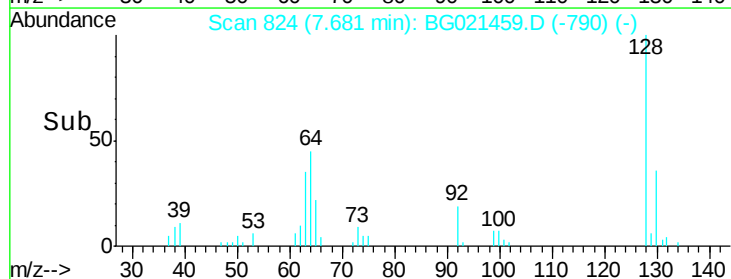
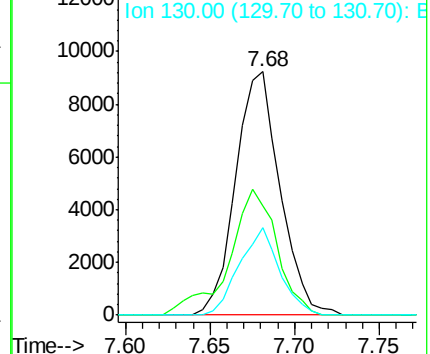
128 100

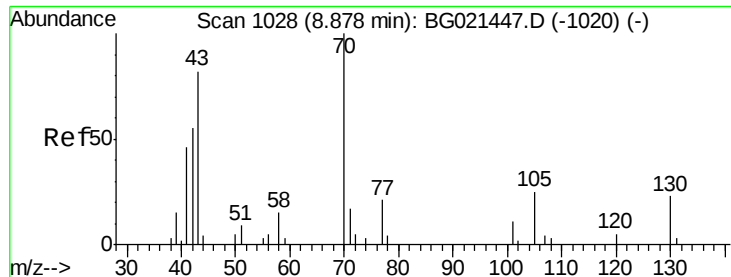
64 44.7 47.0 70.6#

130 36.0 27.8 41.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 29.04 ng/ul

RT: 8.87 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BG021459.D

Acq: 22 Mar 2016 1:00

Instrument :

BNA_G

ClientSampleId :

A4T28MS

Tgt Ion: 70 Resp: 21669

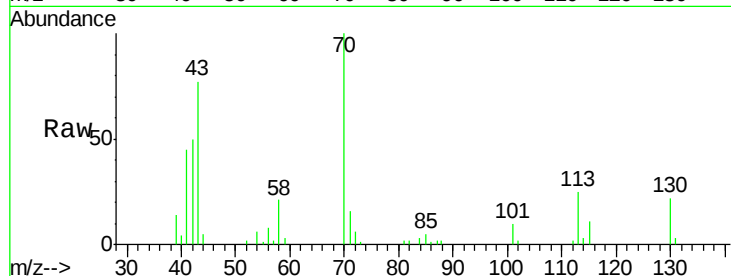
Ion Ratio Lower Upper

70 100

42 49.7 43.4 65.0

101 9.7 6.5 9.7

130 21.8 13.8 20.6#

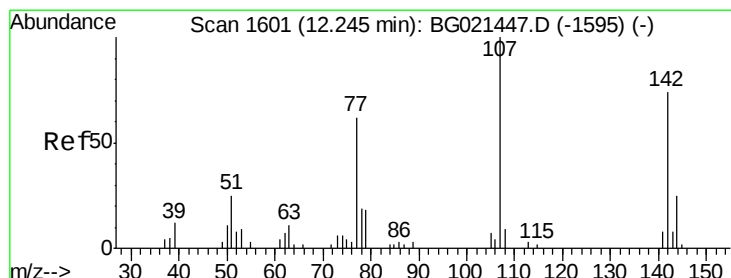
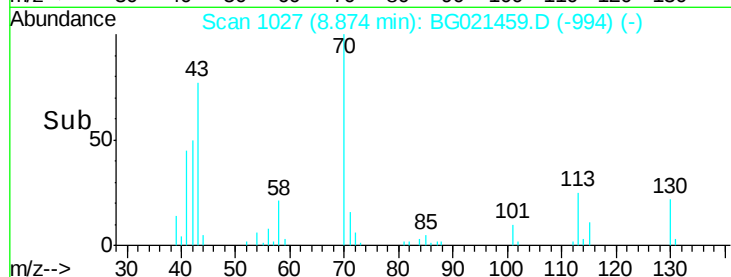
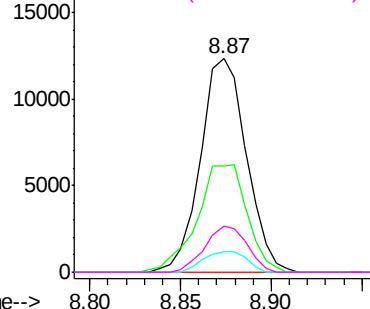


Abundance Ion 70.00 (69.70 to 70.70): BG021447.D (-1020) (-)

Ion 42.00 (41.70 to 42.70): BG021447.D (-1020) (-)

Ion 101.00 (100.70 to 101.70): BG021447.D (-1020) (-)

Ion 130.00 (129.70 to 130.70): BG021447.D (-1020) (-)



#33

4-Chloro-3-methylphenol

Concen: 24.19 ng/ul

RT: 12.24 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BG021459.D

Acq: 22 Mar 2016 1:00

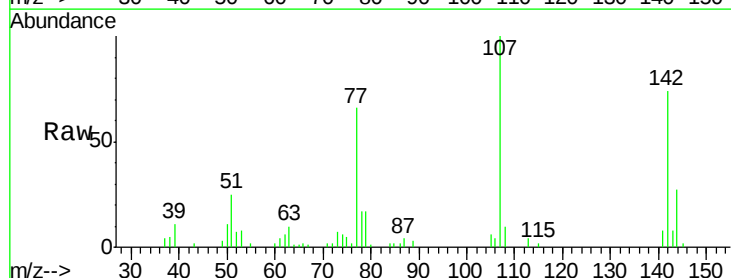
Tgt Ion: 107 Resp: 22192

Ion Ratio Lower Upper

107 100

144 27.2 17.2 25.8#

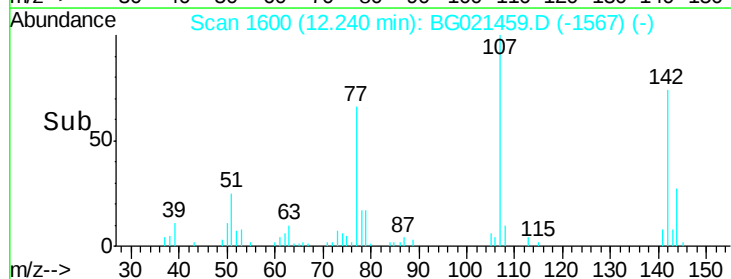
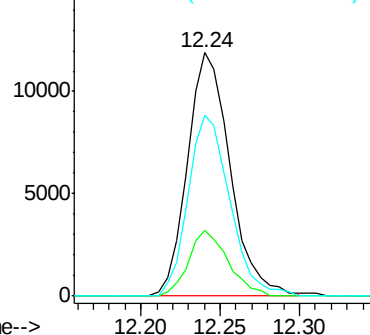
142 74.4 52.0 78.0

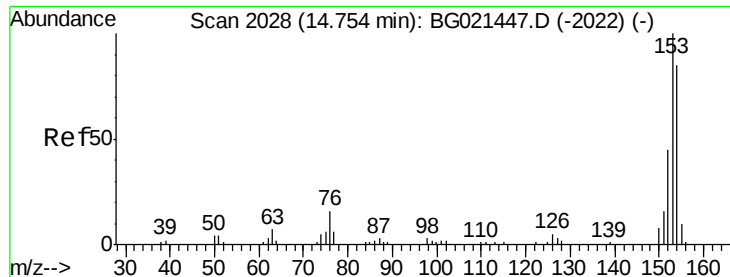


Abundance Ion 107.00 (106.70 to 107.70): BG021447.D (-1595) (-)

Ion 144.00 (143.70 to 144.70): BG021447.D (-1595) (-)

Ion 142.00 (141.70 to 142.70): BG021447.D (-1595) (-)





#50

Acenaphthene

Concen: 30.99 ng/ul

RT: 14.75 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG021459.D

Acq: 22 Mar 2016 1:00

Instrument :

BNA_G

ClientSampleId :

A4T28MS

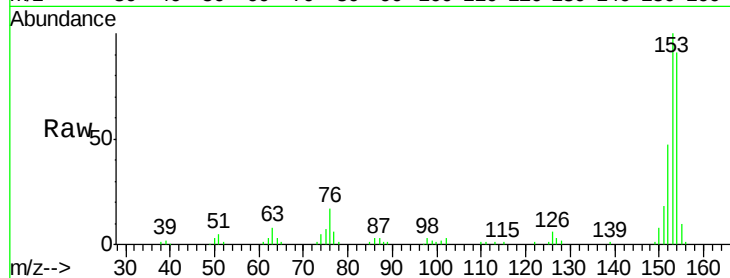
Tgt Ion:153 Resp: 62718

Ion Ratio Lower Upper

153 100

152 46.8 36.5 54.7

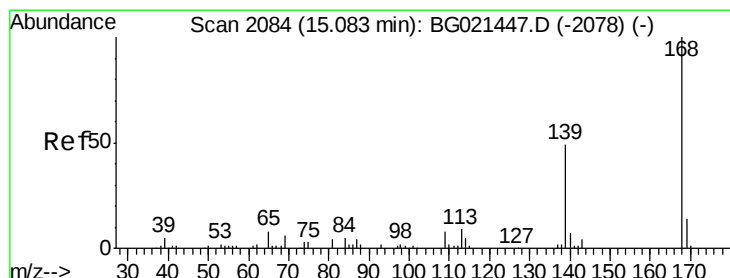
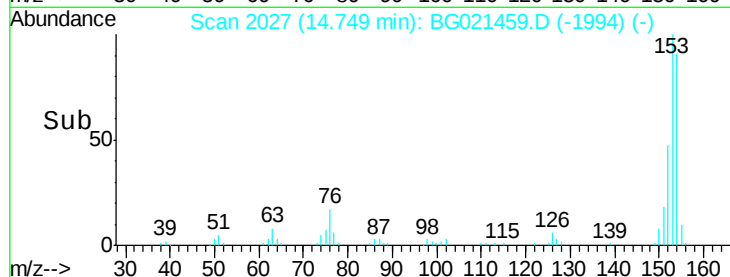
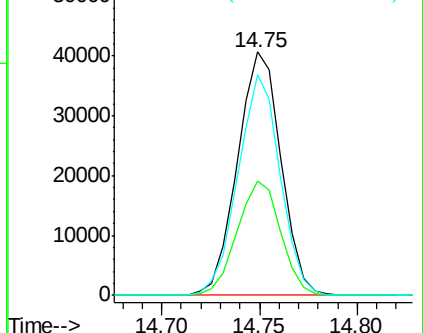
154 90.6 67.3 100.9



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



#53

4-Nitrophenol

Concen: 6.11 ng/ul

RT: 15.10 min Scan# 2086

Delta R.T. 0.01 min

Lab File: BG021459.D

Acq: 22 Mar 2016 1:00

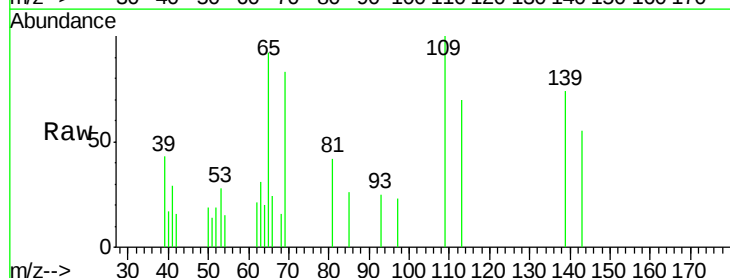
Tgt Ion:109 Resp: 2435

Ion Ratio Lower Upper

109 100

139 73.8 75.9 113.9#

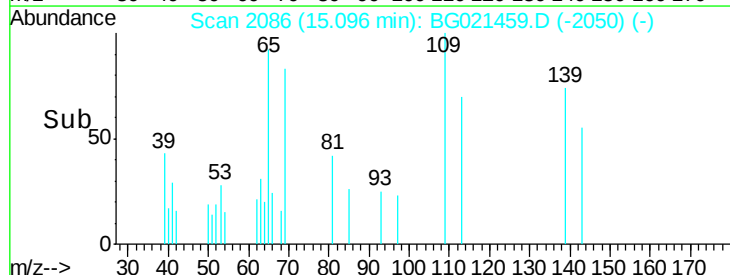
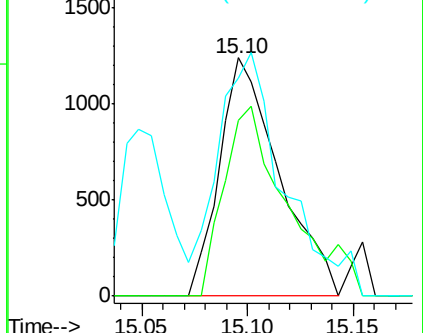
65 91.6 99.8 149.8#

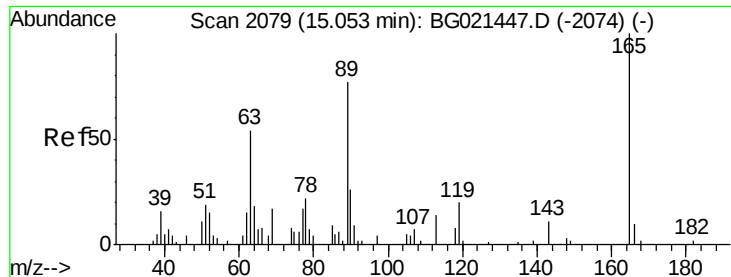


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

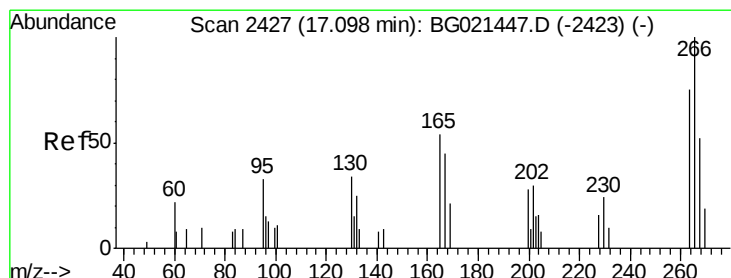
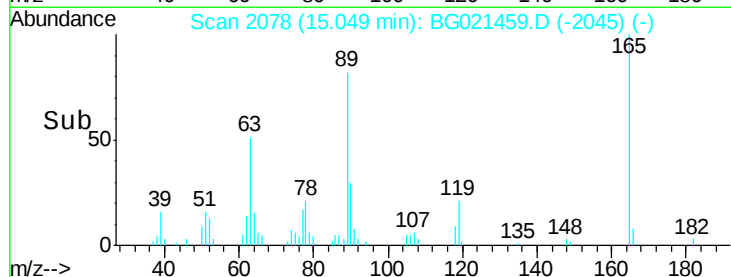
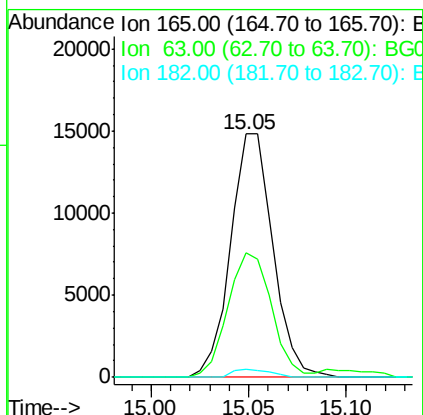
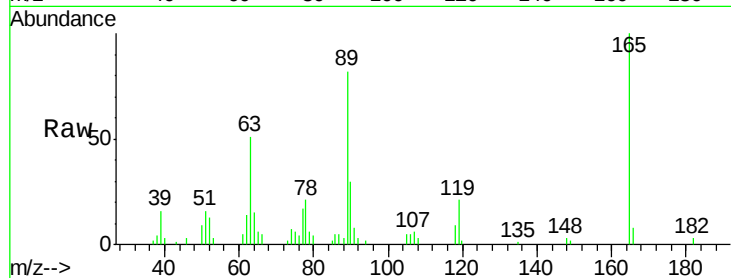




#55
 2,4-Dinitrotoluene
 Concen: 29.84 ng/ul
 RT: 15.05 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG021459.D
 Acq: 22 Mar 2016 1:00

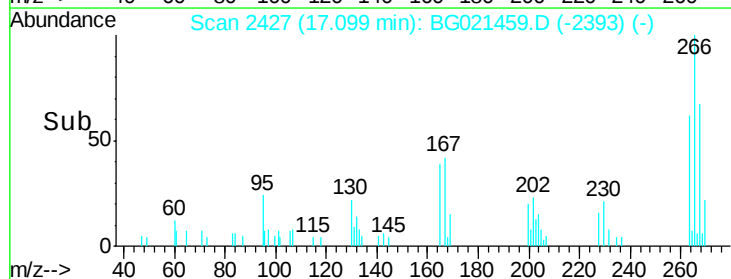
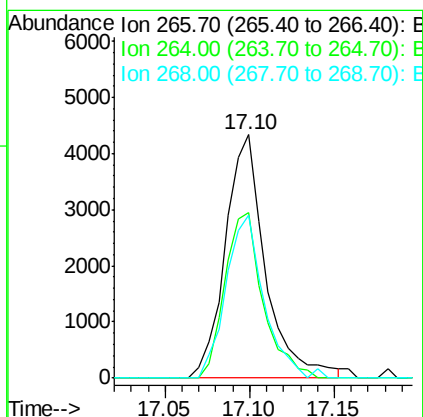
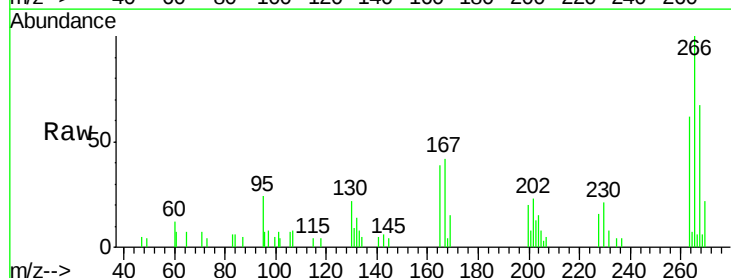
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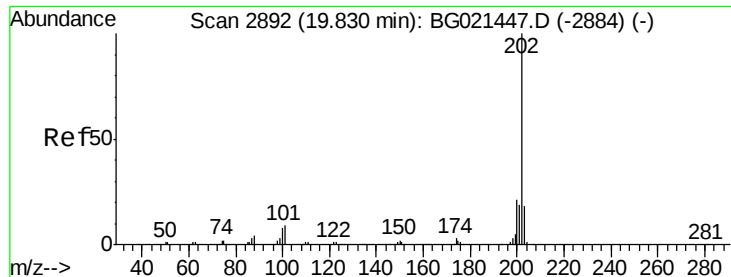
Tgt Ion:165 Resp: 22284
 Ion Ratio Lower Upper
 165 100
 63 51.4 48.1 72.1
 182 3.2 2.2 3.2



#69
 Pentachlorophenol
 Concen: 33.23 ng/ul
 RT: 17.10 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BG021459.D
 Acq: 22 Mar 2016 1:00

Tgt Ion:266 Resp: 7144
 Ion Ratio Lower Upper
 266 100
 264 68.2 56.7 85.1
 268 72.9 50.6 76.0

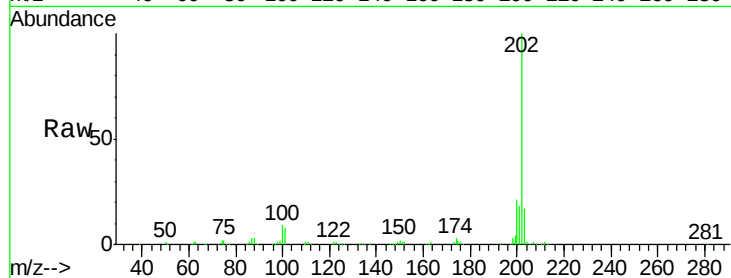




#80
 Pyrene
 Concen: 33.81 ng/ul
 RT: 19.83 min Scan# 2892
 Delta R.T. 0.00 min
 Lab File: BG021459.D
 Acq: 22 Mar 2016 1:00

Instrument :
 BNA_G
 ClientSampleId :
 A4T28MS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	9.8	14.8#
100	8.6	9.3	13.9#



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

