

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032015\
 Data File : BG016081.D
 Acq On : 21 Mar 2015 1:09
 Operator : TP/IZ
 Sample : G1565-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE6MS

Quant Time: Mar 21 05:10:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 21 04:57:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	58354	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	256900	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	159754	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	374275	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	433529	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	414000	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	111452	21.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	62978	21.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	85980	21.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	83245	21.12	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	47540	23.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	48972	25.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	75837	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	116429	23.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	252906	24.28	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	315273	21.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	64972	26.12	ng/ul	0.00
57) Fluorene-d10	15.41	176	232202	22.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	39391	20.14	ng/ul	0.00
70) Anthracene-d10	17.26	188	367655	21.50	ng/ul	0.00
76) Pyrene-d10	19.55	212	439914	22.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	400569	22.18	ng/ul	0.00

Target Compounds

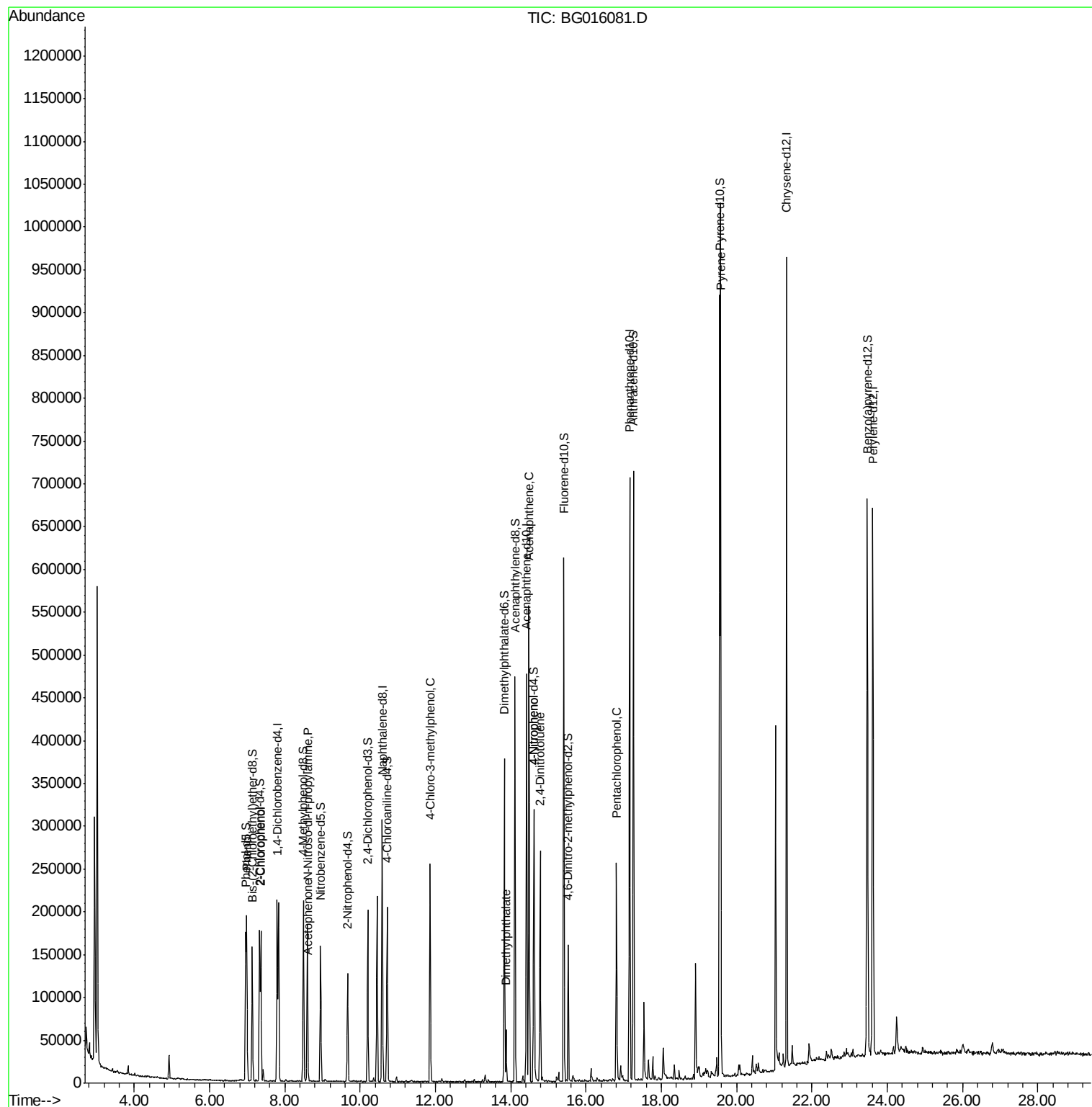
						Qvalue
6) Phenol	6.99	94	114986	20.03	ng/ul	98
10) 2-Chlorophenol	7.36	128	83704	19.45	ng/ul	97
14) Acetophenone	8.61	105	7861	1.26	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.60	70	69829	20.67	ng/ul	99
33) 4-Chloro-3-methylphenol	11.86	107	91955	22.69	ng/ul	97
44) Dimethylphthalate	13.88	163	36949	3.13	ng/ul	100
49) Acenaphthene	14.48	153	211846	19.47	ng/ul	99
52) 4-Nitrophenol	14.62	109	32576	23.97	ng/ul	98
54) 2,4-Dinitrotoluene	14.78	165	78139	22.16	ng/ul	99
68) Pentachlorophenol	16.81	266	46690	19.53	ng/ul	98
77) Pyrene	19.58	202	556886	20.88	ng/ul	98

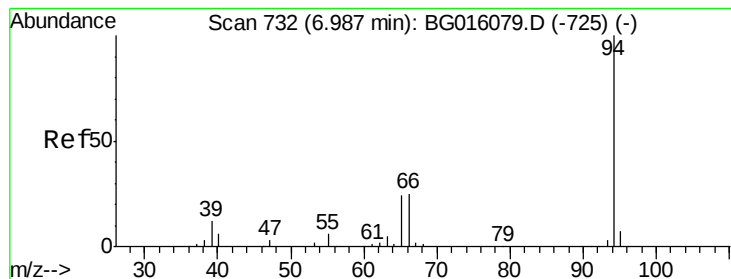
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 20.03 ng/ul

RT: 6.99 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG016081.D

Acq: 21 Mar 2015 1:09

Instrument :

BNA_G

ClientSampleId :

C0AE6MS

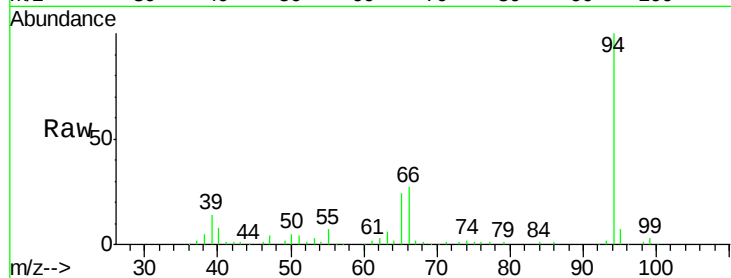
Tgt Ion: 94 Resp: 114986

Ion Ratio Lower Upper

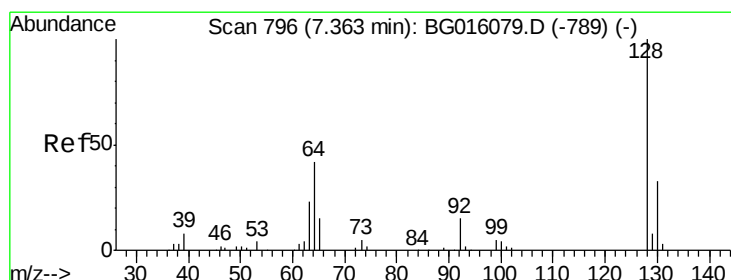
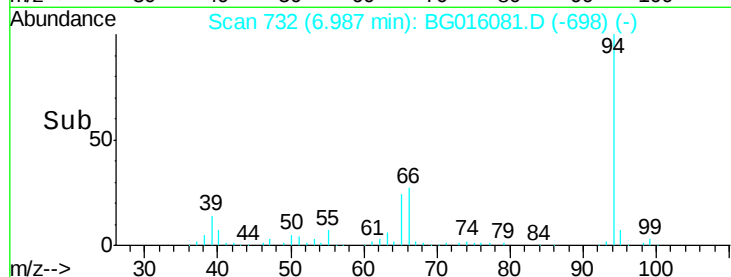
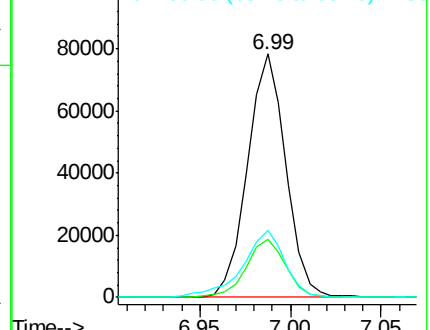
94 100

65 23.8 18.4 27.6

66 27.5 21.1 31.7



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: 19.45 ng/ul

RT: 7.36 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG016081.D

Acq: 21 Mar 2015 1:09

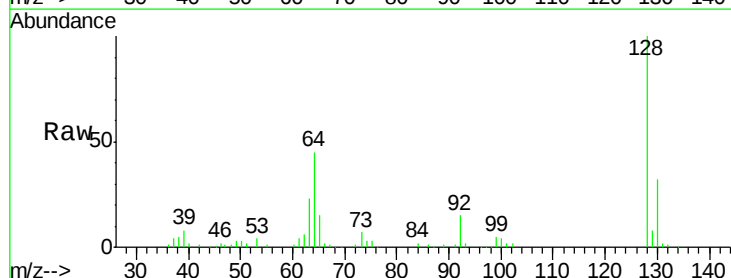
Tgt Ion: 128 Resp: 83704

Ion Ratio Lower Upper

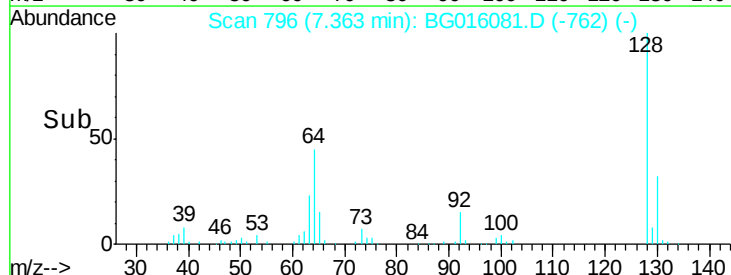
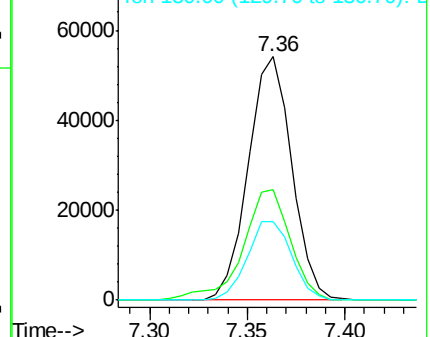
128 100

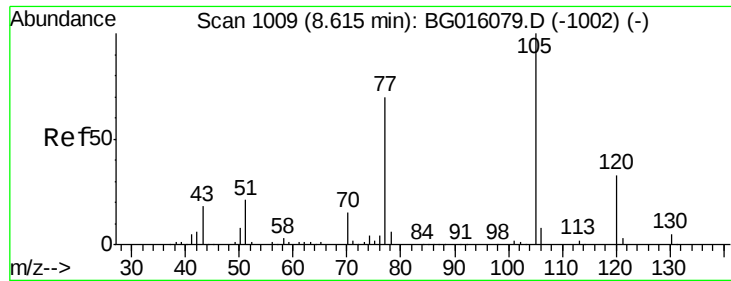
64 45.4 34.1 51.1

130 32.2 25.3 37.9



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





#14

Acetophenone

Concen: 1.26 ng/ul

RT: 8.61 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG016081.D

Acq: 21 Mar 2015 1:09

Instrument :

BNA_G

ClientSampleId :

C0AE6MS

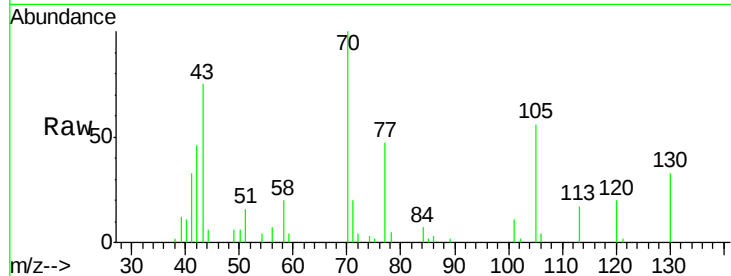
Tgt Ion: 105 Resp: 7861

Ion Ratio Lower Upper

105 100

77 82.7 57.8 86.8

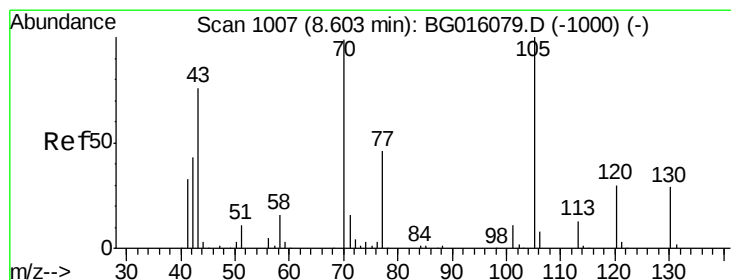
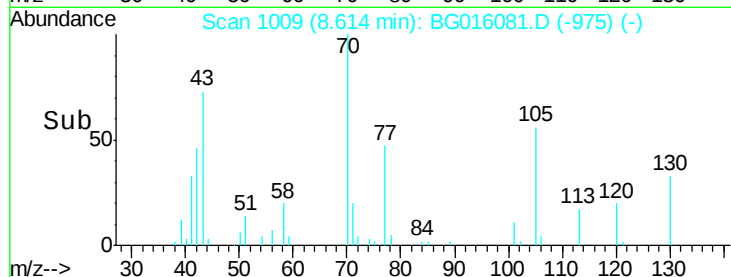
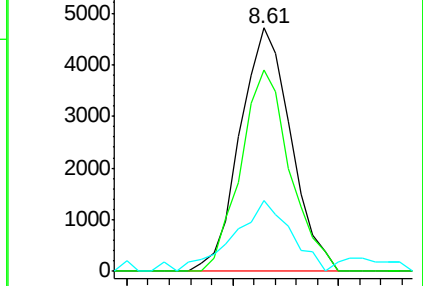
51 29.0 16.5 24.7#



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: 20.67 ng/ul

RT: 8.60 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG016081.D

Acq: 21 Mar 2015 1:09

Tgt Ion: 70 Resp: 69829

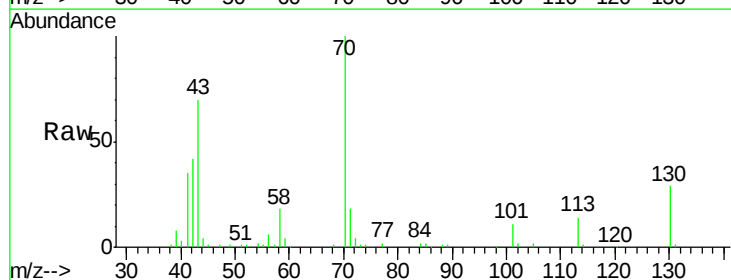
Ion Ratio Lower Upper

70 100

42 42.4 33.7 50.5

101 11.3 9.3 13.9

130 28.5 22.4 33.6

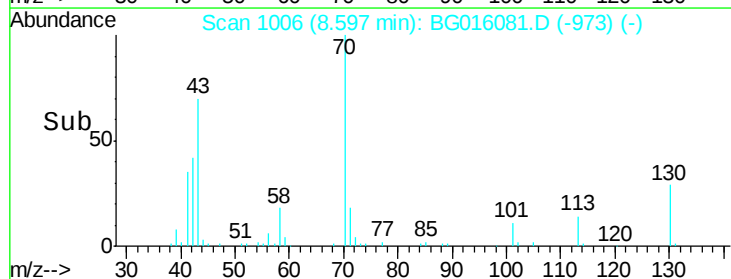
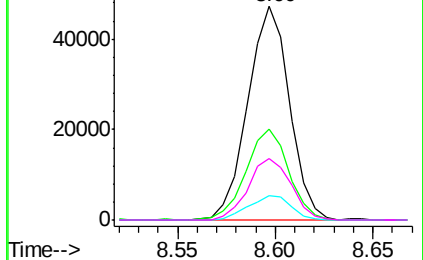


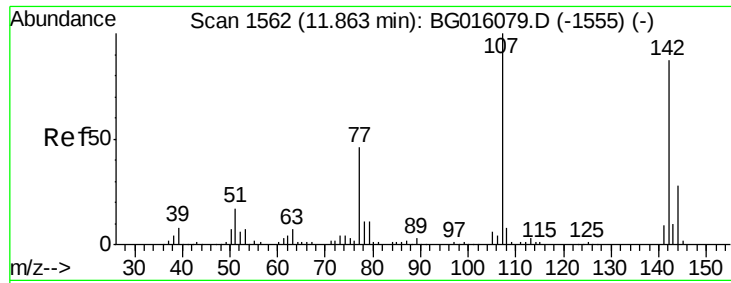
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

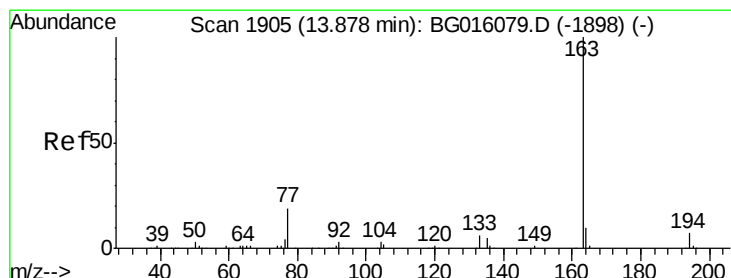
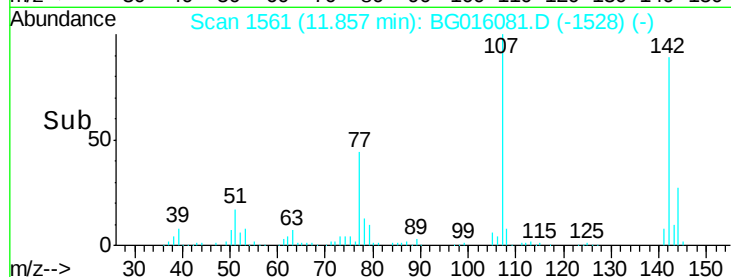
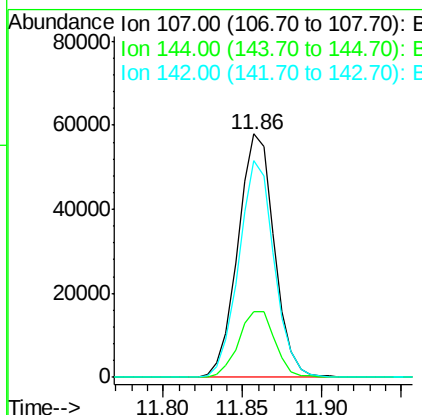
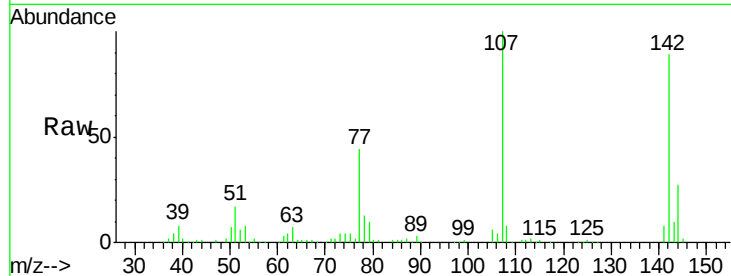




#33
 4-Chloro-3-methylphenol
 Concen: 22.69 ng/ul
 RT: 11.86 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BG016081.D
 Acq: 21 Mar 2015 1:09

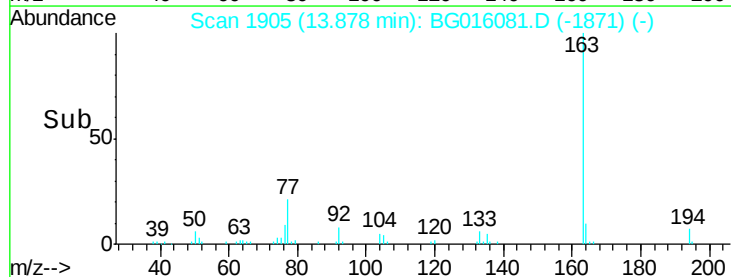
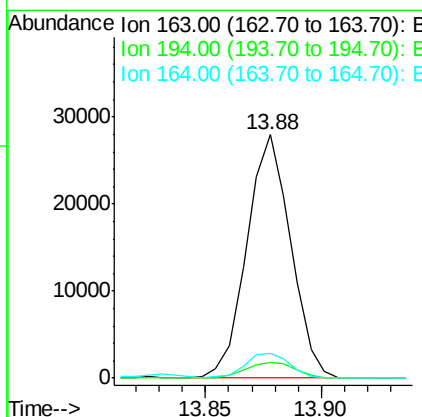
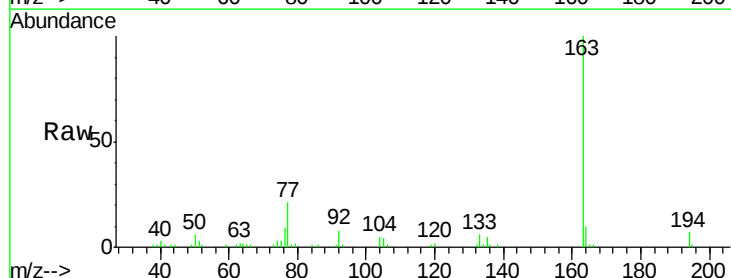
Instrument :
 BNA_G
 ClientSampleId :
 C0AE6MS

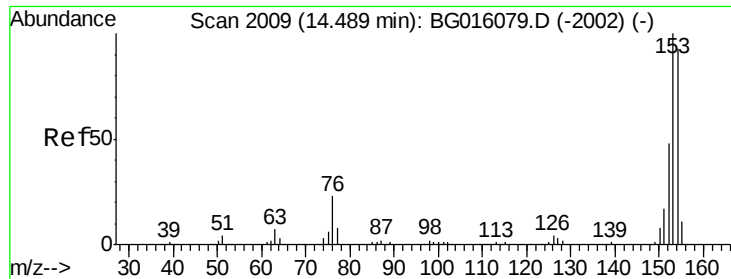
Tgt Ion:107 Resp: 91955
 Ion Ratio Lower Upper
 107 100
 144 26.7 23.8 35.8
 142 89.0 69.8 104.6



#44
 Dimethylphthalate
 Concen: 3.13 ng/ul
 RT: 13.88 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG016081.D
 Acq: 21 Mar 2015 1:09

Tgt Ion:163 Resp: 36949
 Ion Ratio Lower Upper
 163 100
 194 6.7 5.4 8.0
 164 10.1 8.2 12.4





#49

Acenaphthene

Concen: 19.47 ng/ul

RT: 14.48 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG016081.D

Acq: 21 Mar 2015 1:09

Instrument :

BNA_G

ClientSampleId :

C0AE6MS

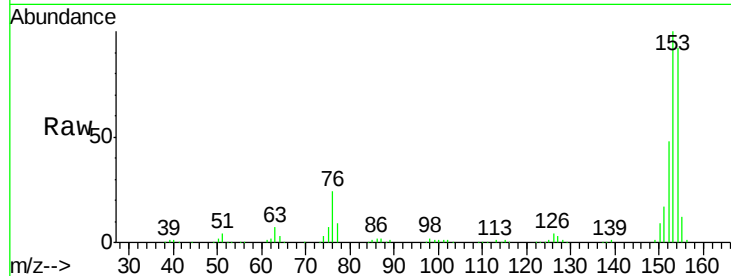
Tgt Ion:153 Resp: 211846

Ion Ratio Lower Upper

153 100

152 48.4 37.4 56.2

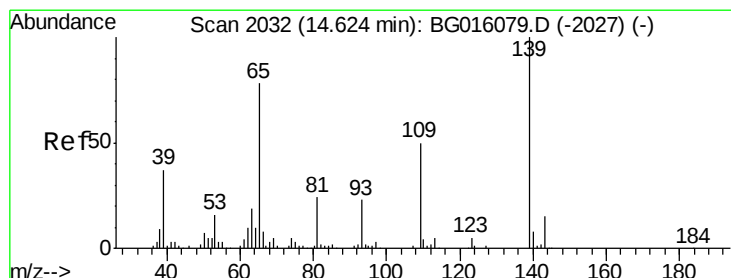
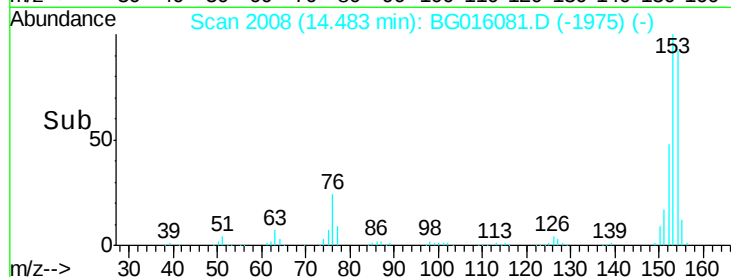
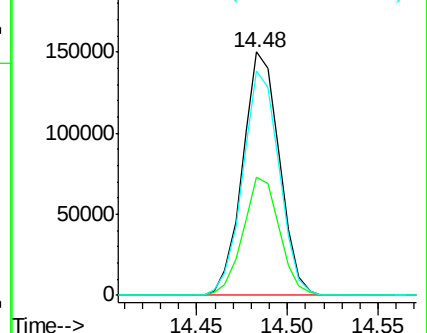
154 92.1 74.4 111.6



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: 23.97 ng/ul

RT: 14.62 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG016081.D

Acq: 21 Mar 2015 1:09

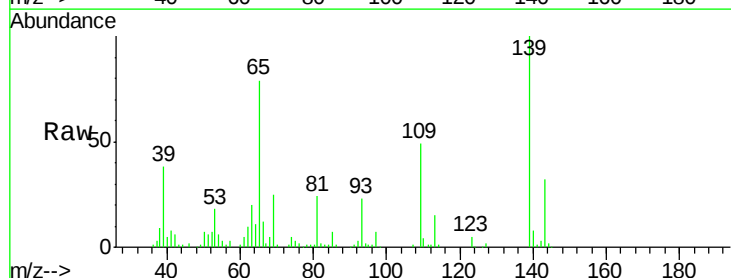
Tgt Ion:109 Resp: 32576

Ion Ratio Lower Upper

109 100

139 204.5 162.7 244.1

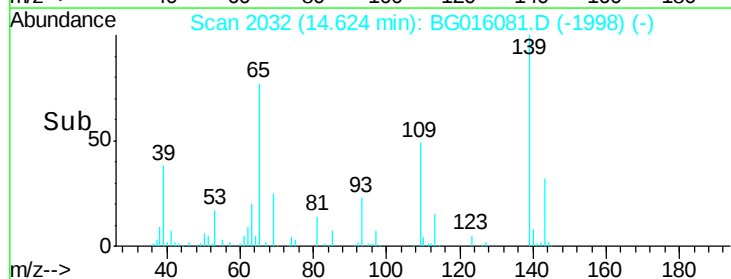
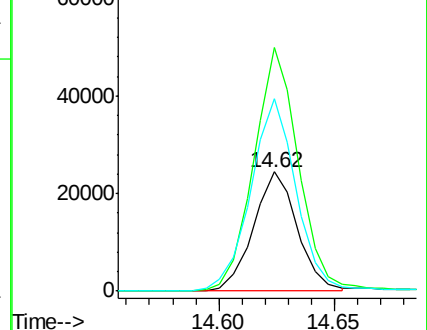
65 161.6 124.8 187.2

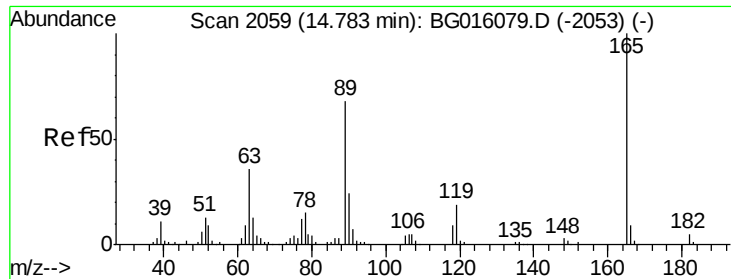


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

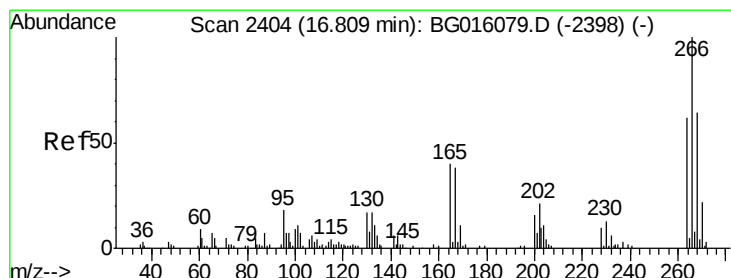
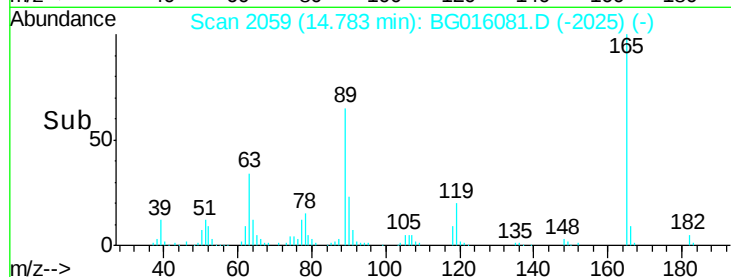
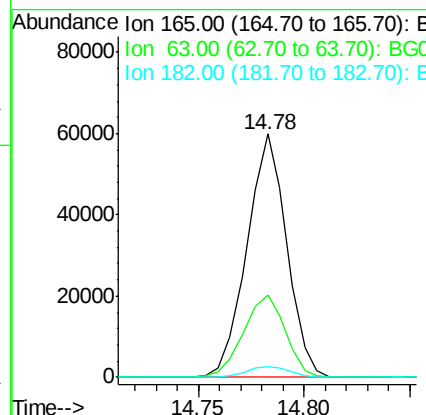
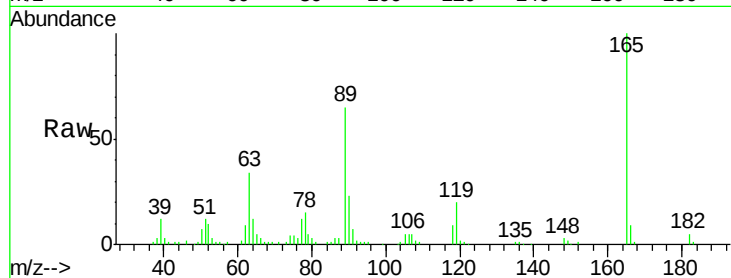




#54
 2,4-Dinitrotoluene
 Concen: 22.16 ng/ul
 RT: 14.78 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BG016081.D
 Acq: 21 Mar 2015 1:09

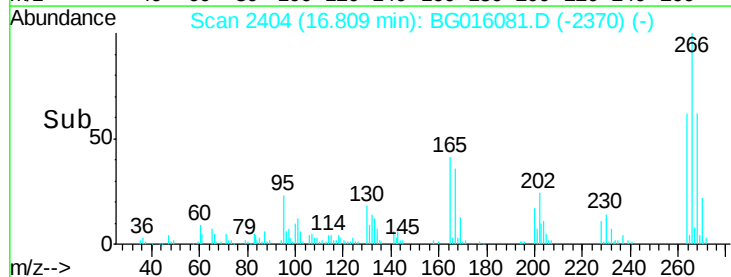
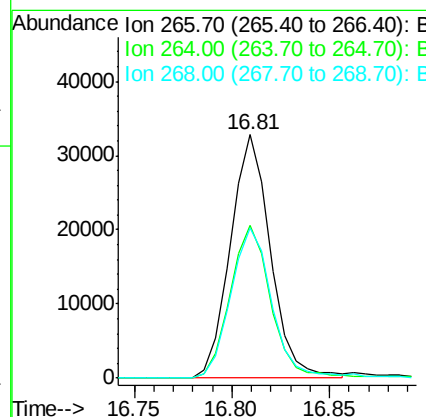
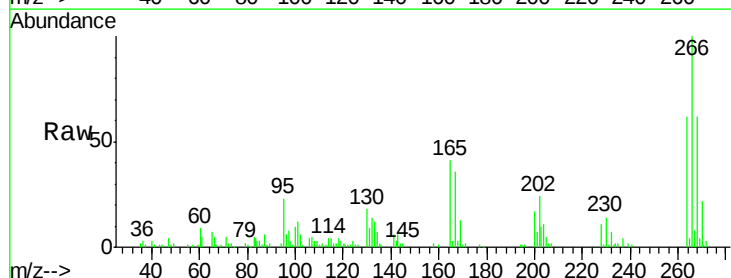
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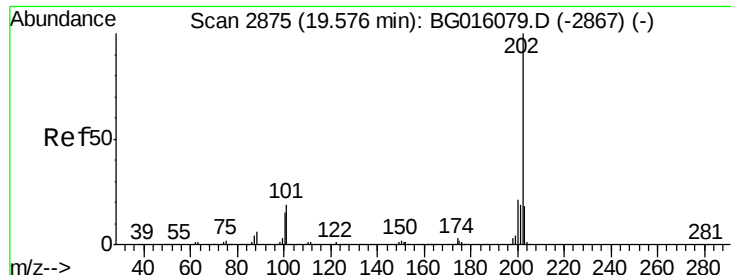
Tgt Ion:165 Resp: 78139
 Ion Ratio Lower Upper
 165 100
 63 33.6 27.1 40.7
 182 4.6 3.9 5.9



#68
 Pentachlorophenol
 Concen: 19.53 ng/ul
 RT: 16.81 min Scan# 2404
 Delta R.T. -0.00 min
 Lab File: BG016081.D
 Acq: 21 Mar 2015 1:09

Tgt Ion:266 Resp: 46690
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.2 73.8
 268 61.8 47.6 71.4





#77
 Pyrene
 Concen: 20.88 ng/ul
 RT: 19.58 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG016081.D
 Acq: 21 Mar 2015 1:09

Instrument :
 BNA_G
 ClientSampleId :
 C0AE6MS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	19.0	14.6	21.8
100	15.6	12.1	18.1

