

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032015\
 Data File : BG016082.D
 Acq On : 21 Mar 2015 1:44
 Operator : TP/IZ
 Sample : G1565-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE6MSD

Quant Time: Mar 21 05:10:15 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	59315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	261376	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	157107	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	357112	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	413863	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	398580	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	113964	21.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	63425	21.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	87656	21.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	78950	19.71	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	47381	22.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	49202	24.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	75770	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	103356	20.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	242152	23.64	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	306345	21.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	62040	25.36	ng/ul	0.00
57) Fluorene-d10	15.41	176	221329	21.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	41250	22.10	ng/ul	0.00
70) Anthracene-d10	17.26	188	349292	21.41	ng/ul	0.00
76) Pyrene-d10	19.55	212	402188	21.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	370468	21.31	ng/ul	0.00

Target Compounds

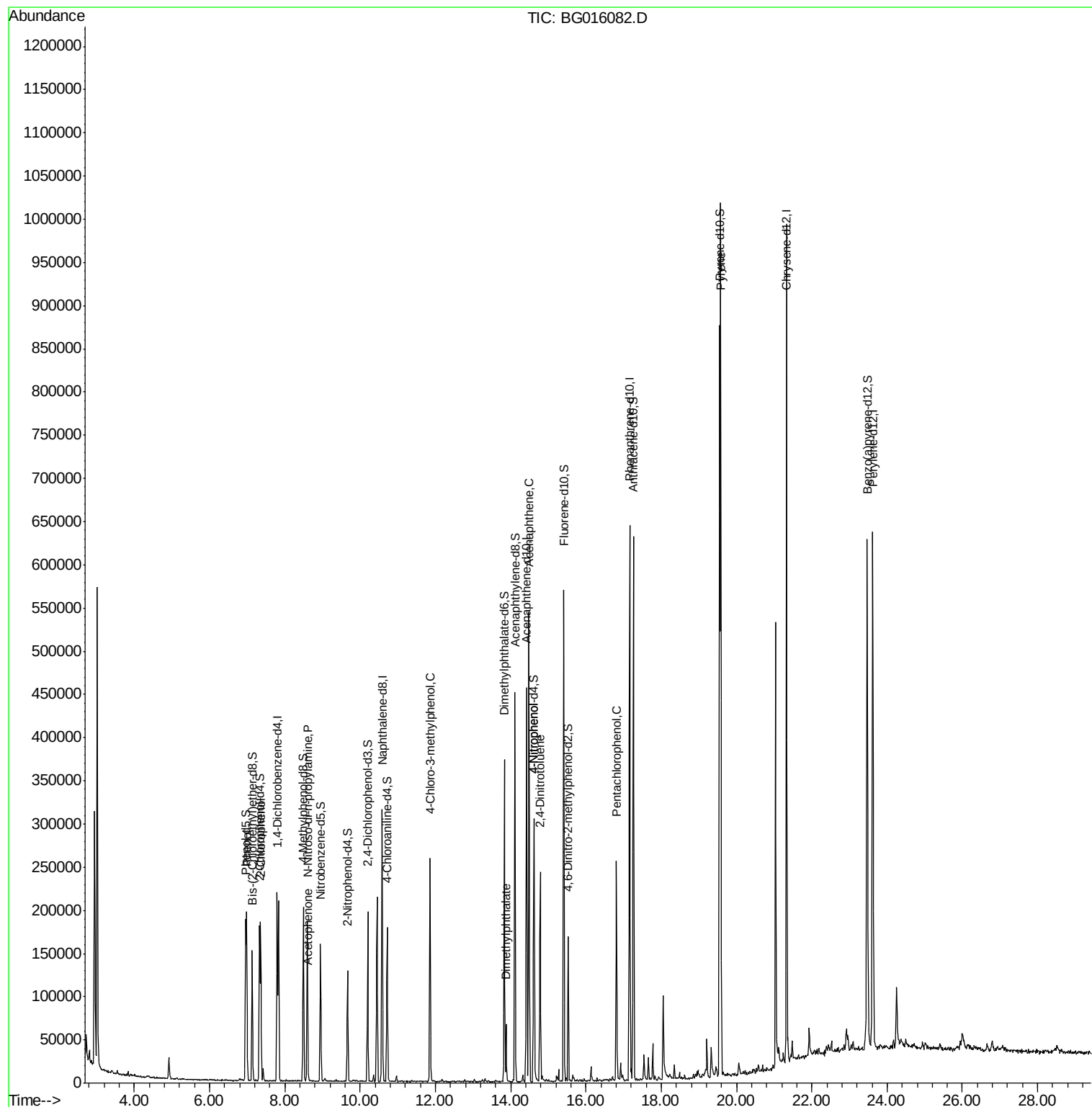
						Qvalue
6) Phenol	6.99	94	122485	20.99	ng/ul	99
10) 2-Chlorophenol	7.36	128	87889	20.09	ng/ul	96
14) Acetophenone	8.62	105	9325	1.47	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.60	70	70884	20.64	ng/ul	97
33) 4-Chloro-3-methylphenol	11.86	107	90761	22.01	ng/ul	100
44) Dimethylphthalate	13.88	163	42646	3.67	ng/ul	99
49) Acenaphthene	14.48	153	215431	20.13	ng/ul	99
52) 4-Nitrophenol	14.63	109	33033	24.71	ng/ul	100
54) 2,4-Dinitrotoluene	14.78	165	76101	21.95	ng/ul	99
68) Pentachlorophenol	16.81	266	47534	20.84	ng/ul	96
77) Pyrene	19.58	202	553666	21.74	ng/ul	98

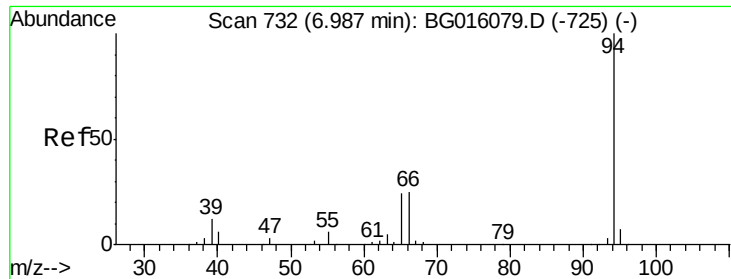
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration





#6

Phenol

Concen: 20.99 ng/ul

RT: 6.99 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG016082.D

Acq: 21 Mar 2015 1:44

Instrument :

BNA_G

ClientSampleId :

C0AE6MSD

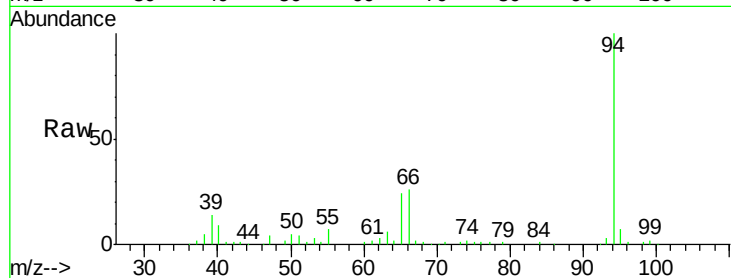
Tgt Ion: 94 Resp: 122485

Ion Ratio Lower Upper

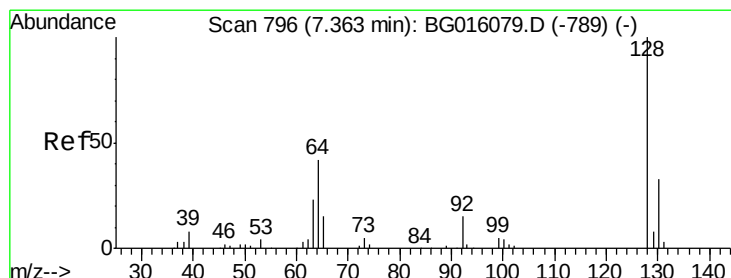
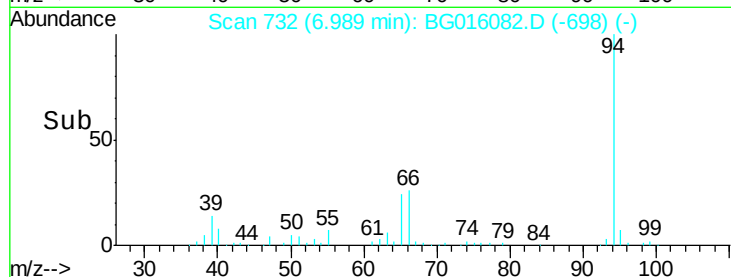
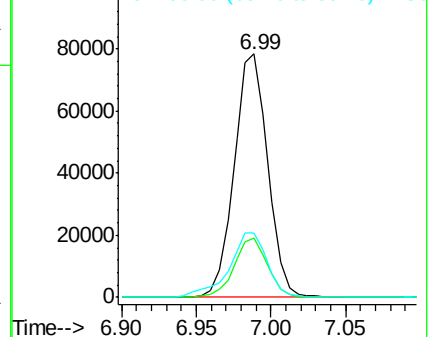
94 100

65 24.5 18.4 27.6

66 26.5 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: 20.09 ng/ul

RT: 7.36 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG016082.D

Acq: 21 Mar 2015 1:44

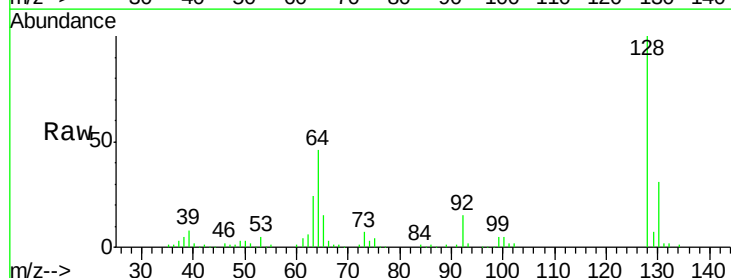
Tgt Ion: 128 Resp: 87889

Ion Ratio Lower Upper

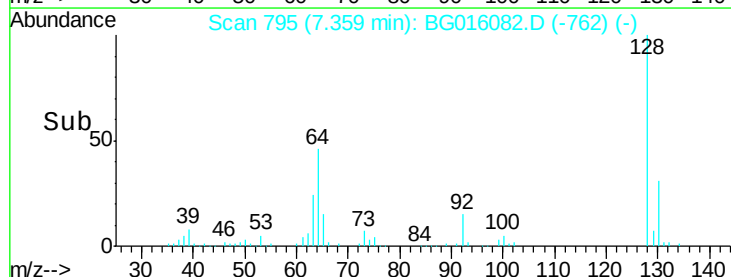
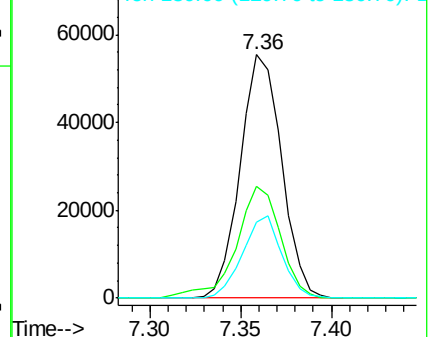
128 100

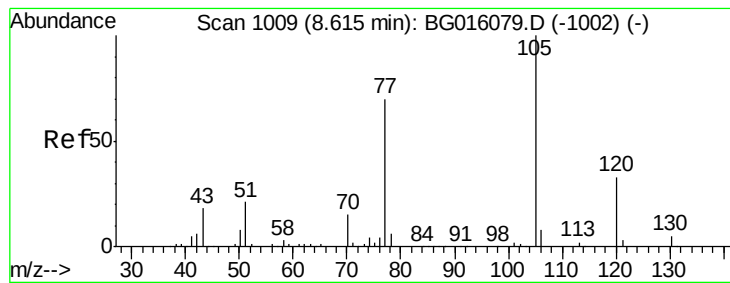
64 46.1 34.1 51.1

130 31.1 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: 1.47 ng/ul

RT: 8.62 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BG016082.D

Acq: 21 Mar 2015 1:44

Instrument :

BNA_G

ClientSampleId :

C0AE6MSD

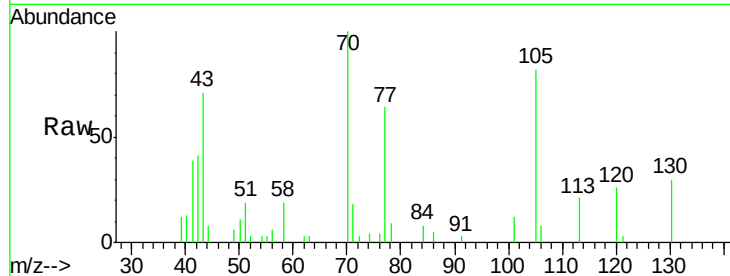
Tgt Ion: 105 Resp: 9325

Ion Ratio Lower Upper

105 100

77 78.2 57.8 86.8

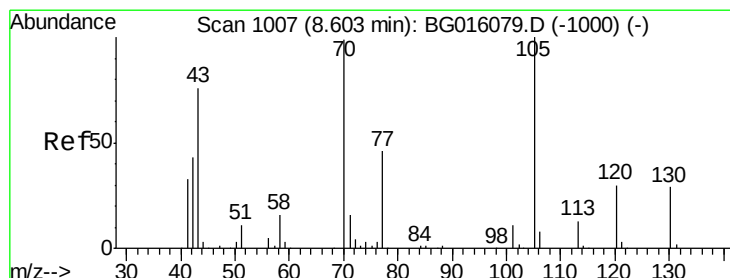
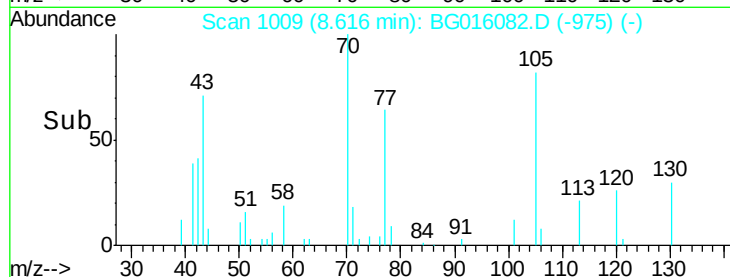
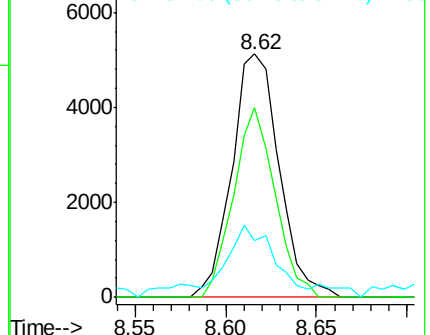
51 23.1 16.5 24.7



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: 20.64 ng/ul

RT: 8.60 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG016082.D

Acq: 21 Mar 2015 1:44

Tgt Ion: 70 Resp: 70884

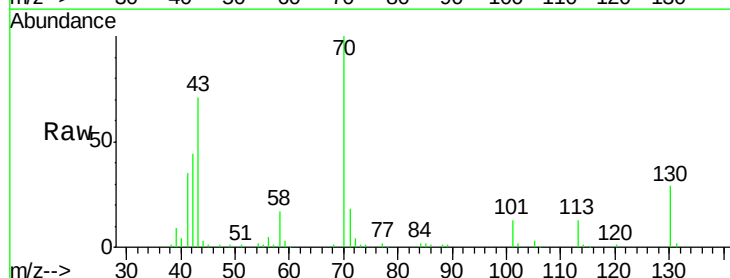
Ion Ratio Lower Upper

70 100

42 44.1 33.7 50.5

101 12.8 9.3 13.9

130 29.4 22.4 33.6

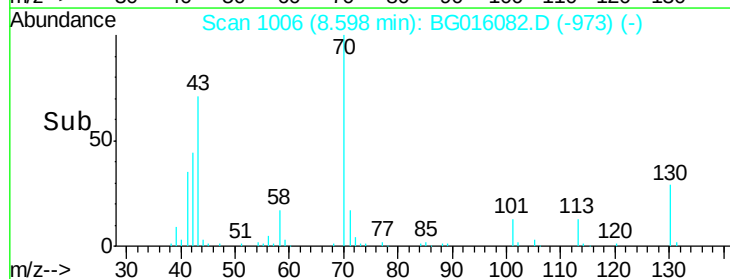
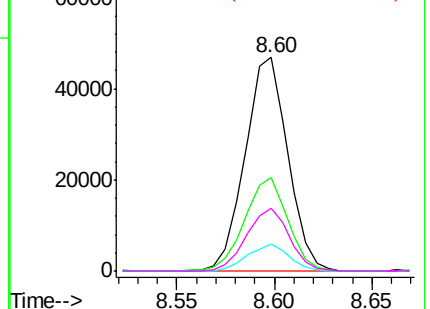


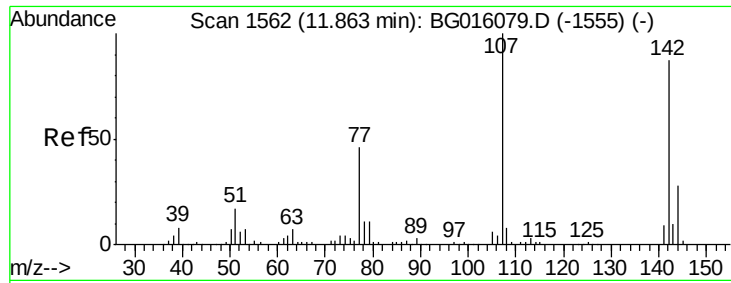
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

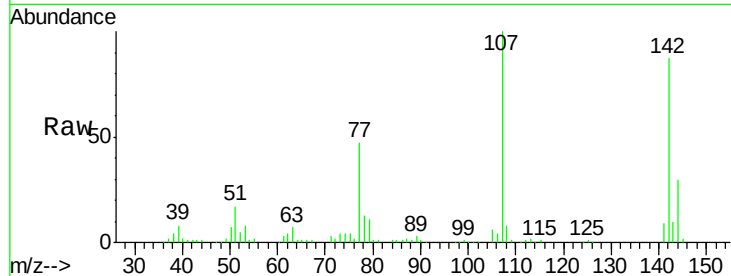




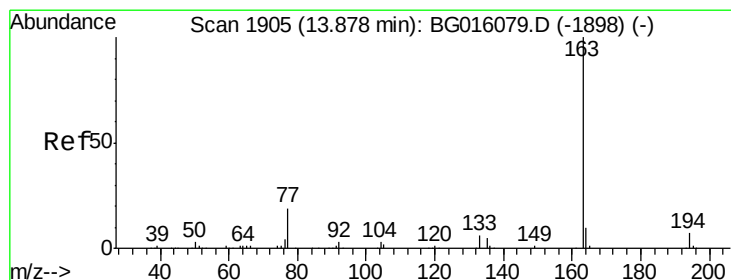
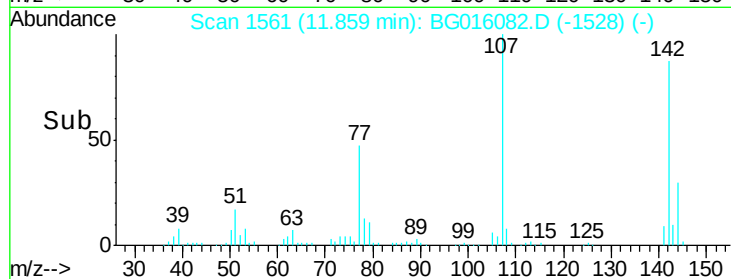
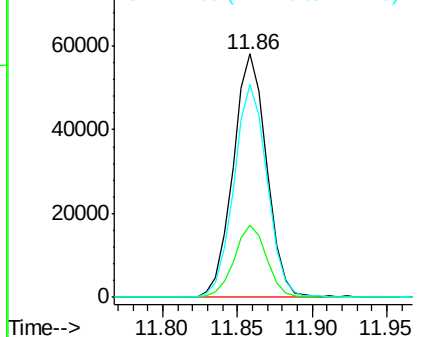
#33
4-Chloro-3-methylphenol
Concen: 22.01 ng/ul
RT: 11.86 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BG016082.D
Acq: 21 Mar 2015 1:44

Instrument :
BNA_G
ClientSampleId :
C0AE6MSD

Tgt Ion:107 Resp: 90761
Ion Ratio Lower Upper
107 100
144 29.9 23.8 35.8
142 87.5 69.8 104.6

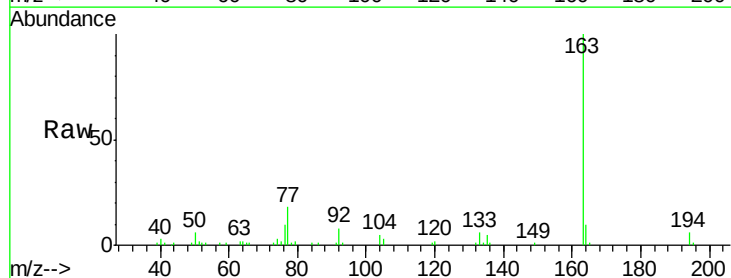


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

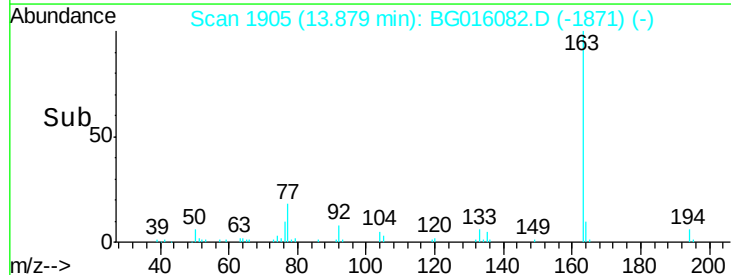
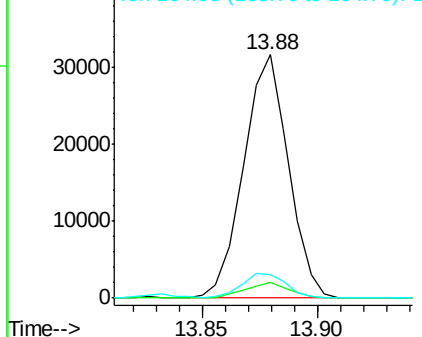


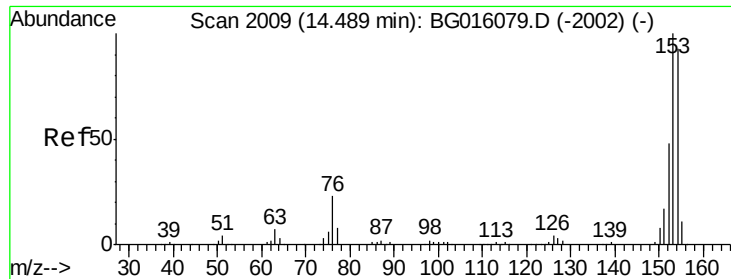
#44
Dimethylphthalate
Concen: 3.67 ng/ul
RT: 13.88 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BG016082.D
Acq: 21 Mar 2015 1:44

Tgt Ion:163 Resp: 42646
Ion Ratio Lower Upper
163 100
194 6.3 5.4 8.0
164 9.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 20.13 ng/ul

RT: 14.48 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG016082.D

Acq: 21 Mar 2015 1:44

Instrument :

BNA_G

ClientSampleId :

C0AE6MSD

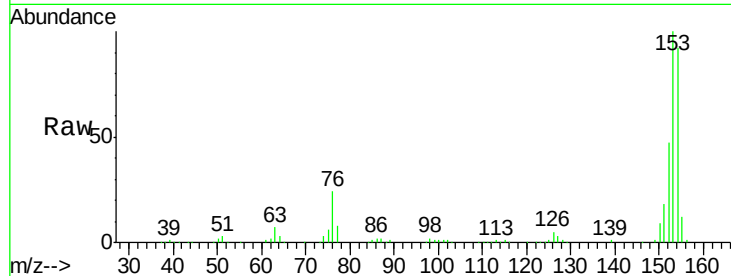
Tgt Ion:153 Resp: 215431

Ion Ratio Lower Upper

153 100

152 47.4 37.4 56.2

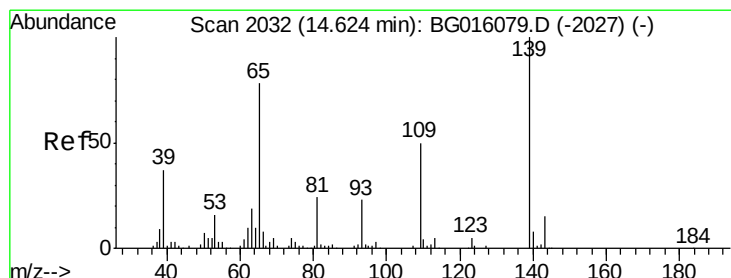
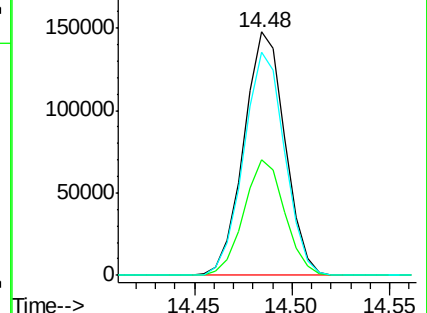
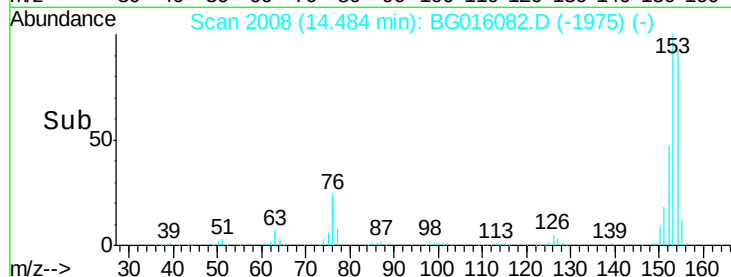
154 91.5 74.4 111.6



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: 24.71 ng/ul

RT: 14.63 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BG016082.D

Acq: 21 Mar 2015 1:44

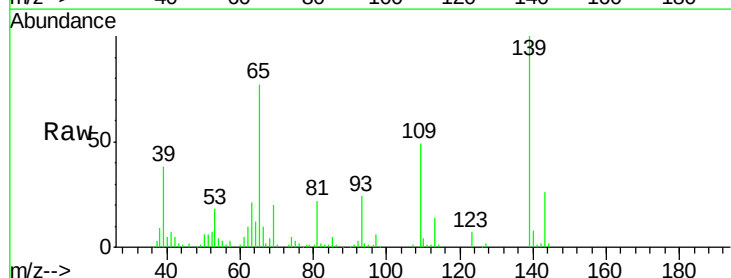
Tgt Ion:109 Resp: 33033

Ion Ratio Lower Upper

109 100

139 203.4 162.7 244.1

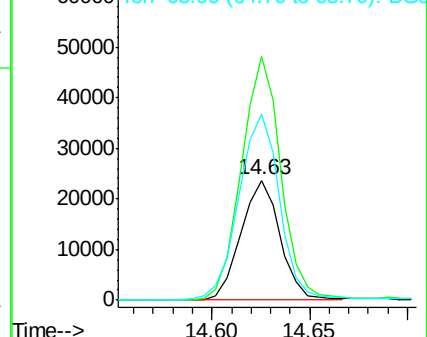
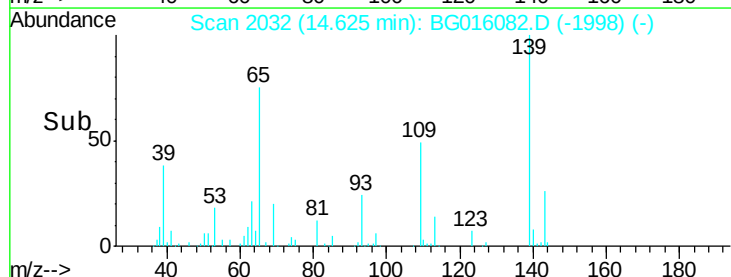
65 155.7 124.8 187.2

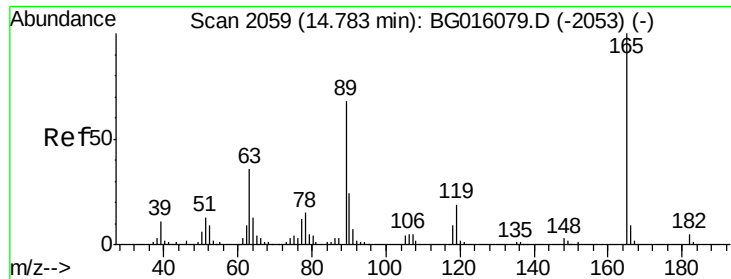


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

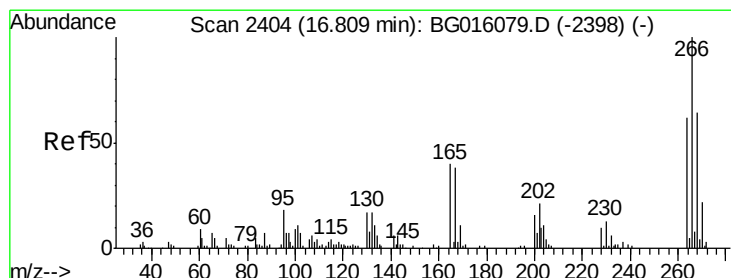
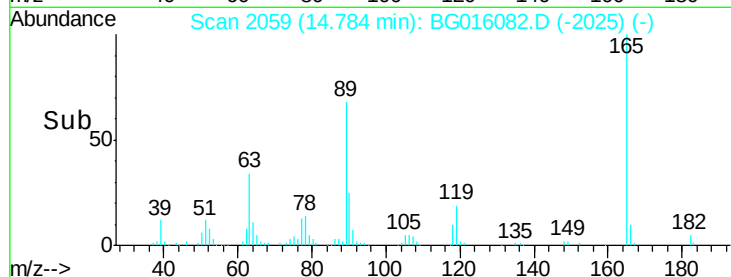
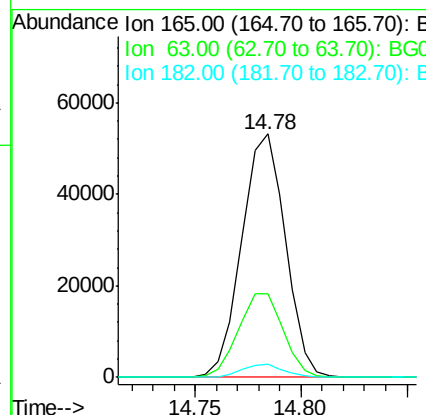
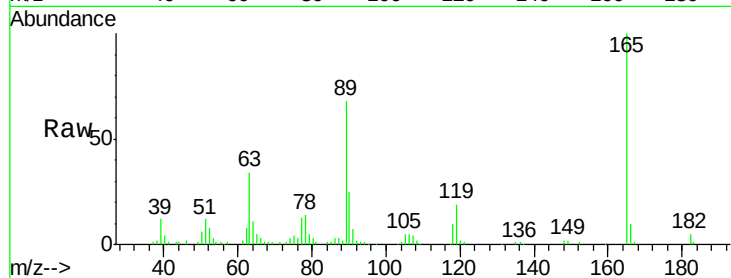




#54
 2,4-Dinitrotoluene
 Concen: 21.95 ng/ul
 RT: 14.78 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG016082.D
 Acq: 21 Mar 2015 1:44

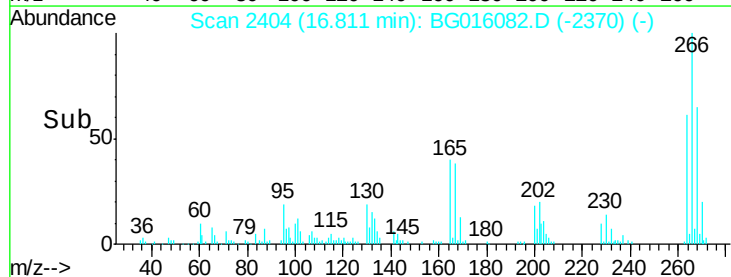
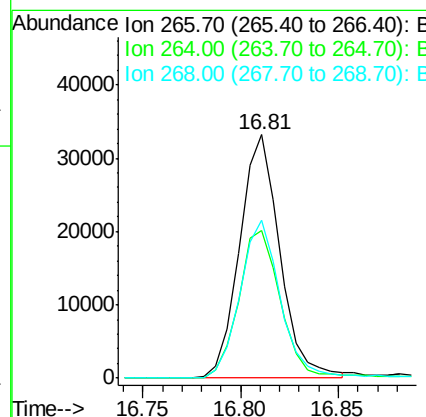
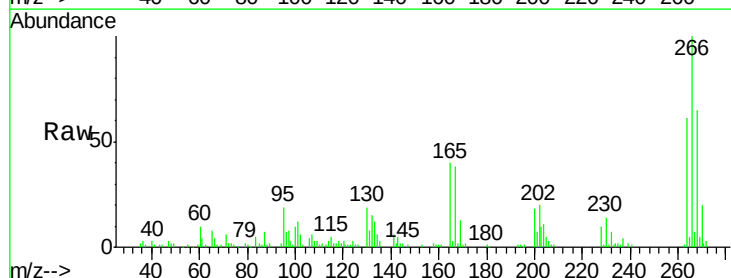
Instrument :
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 C0AE6MSD

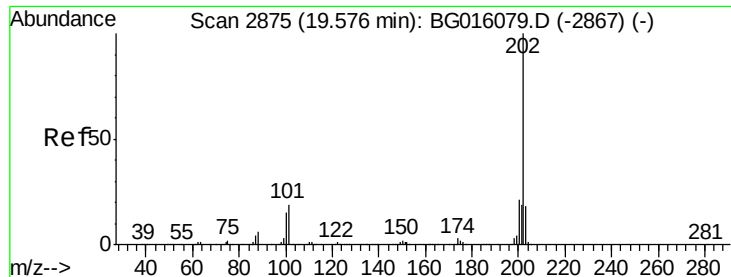
Tgt Ion:165 Resp: 76101
 Ion Ratio Lower Upper
 165 100
 63 34.4 27.1 40.7
 182 5.4 3.9 5.9



#68
 Pentachlorophenol
 Concen: 20.84 ng/ul
 RT: 16.81 min Scan# 2404
 Delta R.T. 0.00 min
 Lab File: BG016082.D
 Acq: 21 Mar 2015 1:44

Tgt Ion:266 Resp: 47534
 Ion Ratio Lower Upper
 266 100
 264 60.6 49.2 73.8
 268 64.6 47.6 71.4





#77

Pyrene

Concen: 21.74 ng/ul

RT: 19.58 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG016082.D

Acq: 21 Mar 2015 1:44

Instrument :

BNA_G

ClientSampleId :

C0AE6MSD

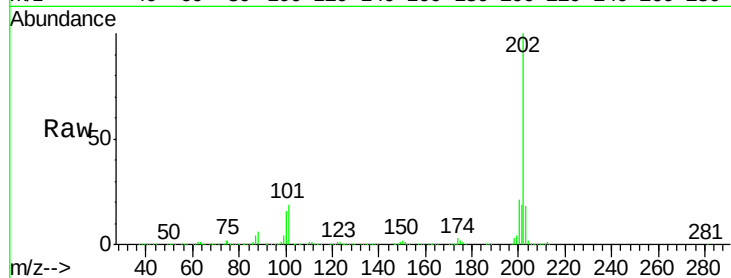
Tgt Ion: 202 Resp: 553666

Ion Ratio Lower Upper

202 100

101 19.2 14.6 21.8

100 15.8 12.1 18.1



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

