

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031915\
 Data File : BG016069.D
 Acq On : 19 Mar 2015 17:50
 Operator : TP/IZ
 Sample : G1565-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 01:29:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 21 01:12:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	68373	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	305941	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	190030	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	411871	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	443682	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	422162	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	124056	20.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	73821	21.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	97873	20.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	94377	20.44	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	53130	21.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	51180	21.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	82346	19.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	138350	23.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	295037	23.81	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	374334	21.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	55427	18.73	ng/ul	0.00
57) Fluorene-d10	15.42	176	268215	21.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	31670	14.71	ng/ul	0.00
70) Anthracene-d10	17.27	188	410555	21.82	ng/ul	0.00
76) Pyrene-d10	19.56	212	450218	22.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	403918	21.94	ng/ul	0.00

Target Compounds

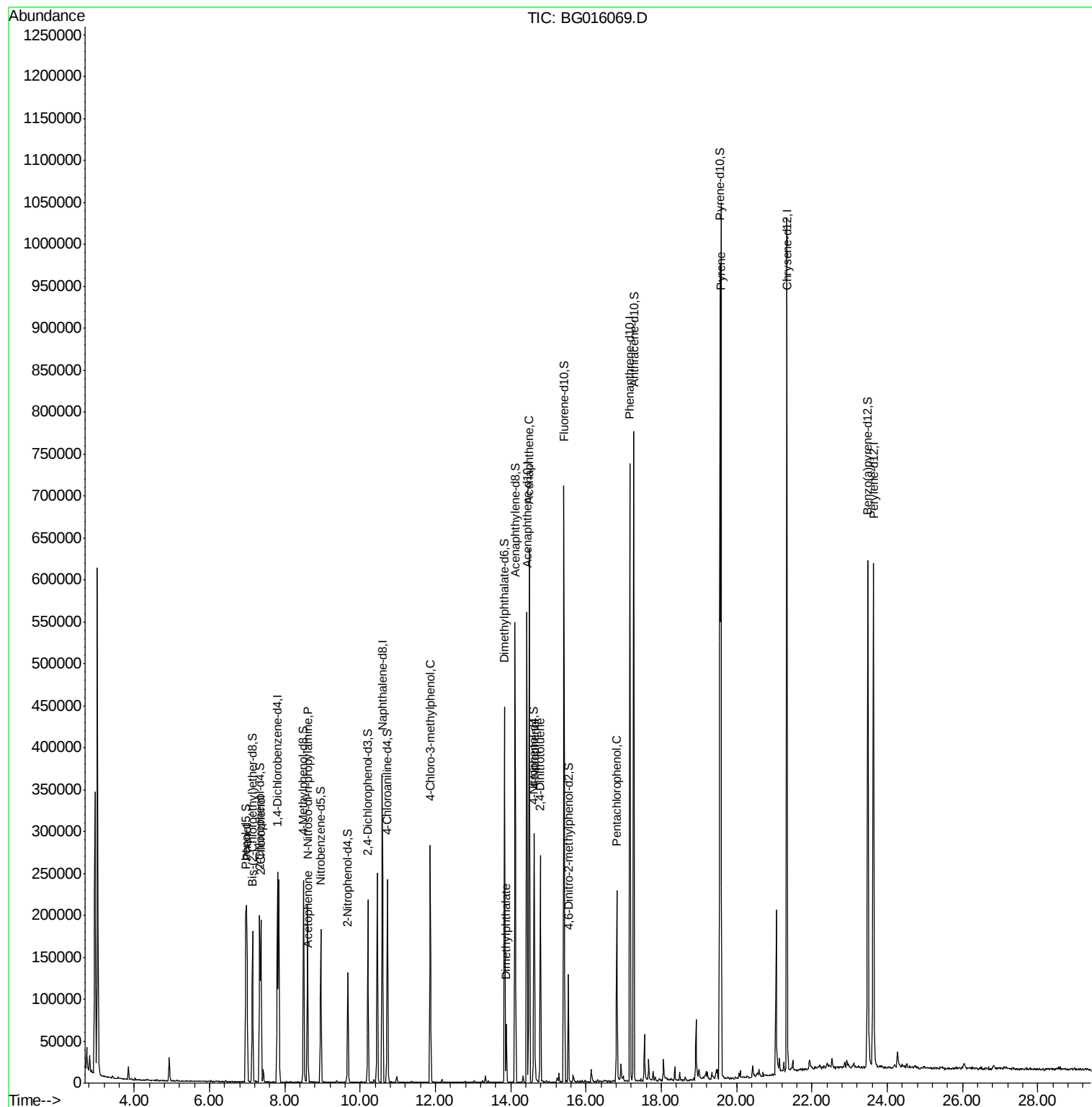
						Qvalue
6) Phenol	6.99	94	128330	19.08	ng/ul	99
10) 2-Chlorophenol	7.37	128	94894	18.82	ng/ul	98
14) Acetophenone	8.62	105	8170	1.12	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.60	70	80570	20.35	ng/ul	99
33) 4-Chloro-3-methylphenol	11.86	107	97975	20.30	ng/ul	96
44) Dimethylphthalate	13.88	163	43811	3.12	ng/ul	99
49) Acenaphthene	14.49	153	255007	19.70	ng/ul	98
52) 4-Nitrophenol	14.63	109	30777	19.04	ng/ul	98
54) 2,4-Dinitrotoluene	14.79	165	78954	18.83	ng/ul	99
68) Pentachlorophenol	16.82	266	41459	15.76	ng/ul	91
77) Pyrene	19.59	202	575649	21.09	ng/ul	98

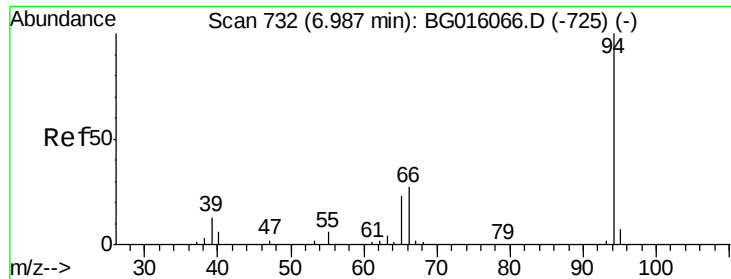
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 19.08 ng/ul

RT: 6.99 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG016069.D

Acq: 19 Mar 2015 17:50

Instrument :

BNA_G

ClientSampled :

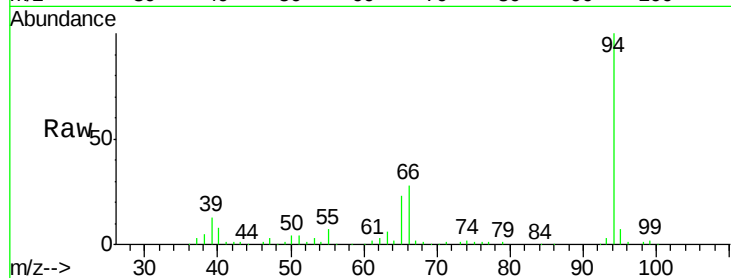
Tgt Ion: 94 Resp: 128330

Ion Ratio Lower Upper

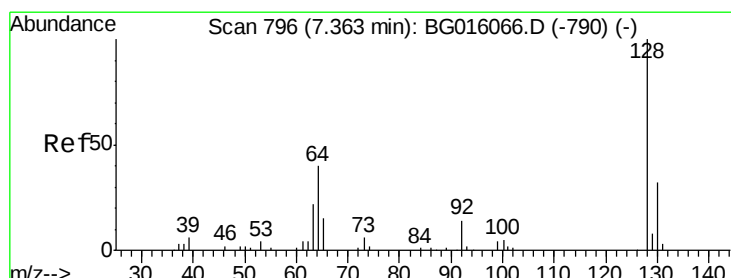
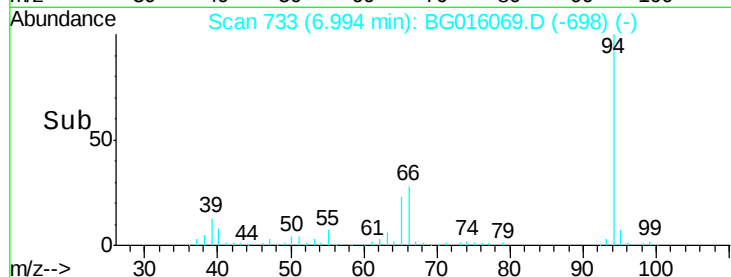
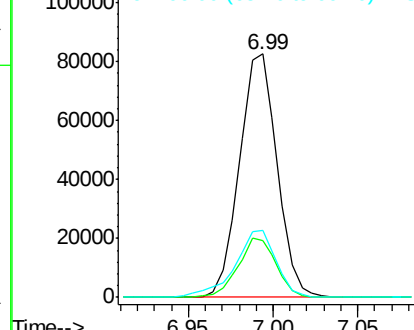
94 100

65 23.1 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: 18.82 ng/ul

RT: 7.37 min Scan# 797

Delta R.T. 0.01 min

Lab File: BG016069.D

Acq: 19 Mar 2015 17:50

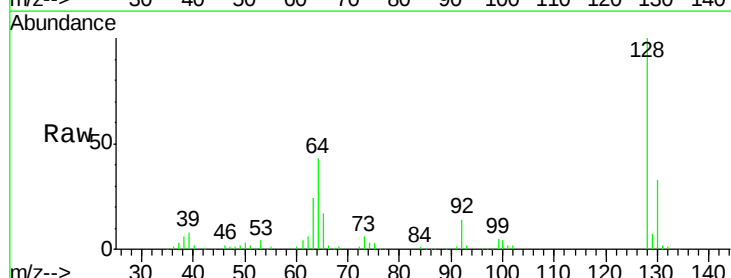
Tgt Ion: 128 Resp: 94894

Ion Ratio Lower Upper

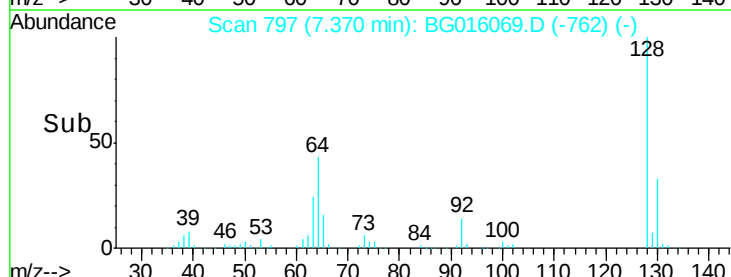
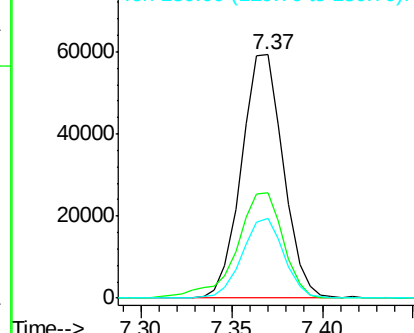
128 100

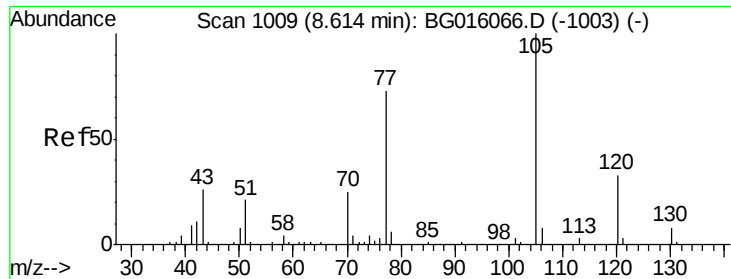
64 43.2 34.1 51.1

130 33.0 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: 1.12 ng/ul

RT: 8.62 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BG016069.D

Acq: 19 Mar 2015 17:50

Instrument :

BNA_G

ClientSampleId :

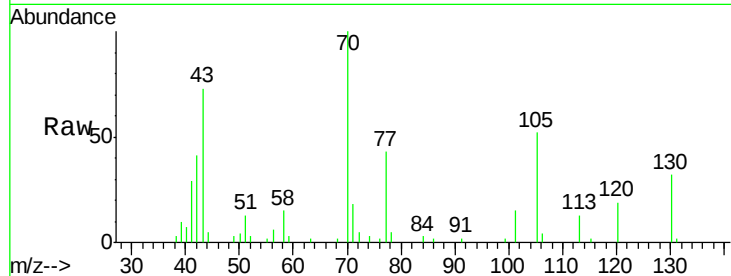
Tgt Ion: 105 Resp: 8170

Ion Ratio Lower Upper

105 100

77 81.5 57.8 86.8

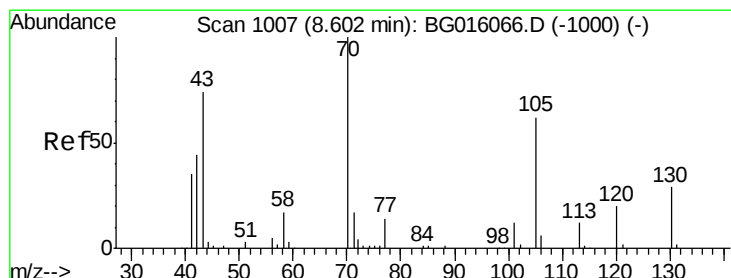
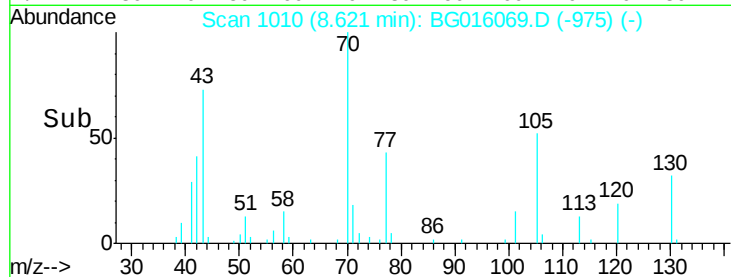
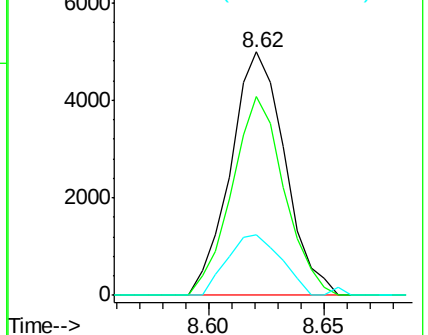
51 24.8 16.5 24.7#



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: 20.35 ng/ul

RT: 8.60 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BG016069.D

Acq: 19 Mar 2015 17:50

Tgt Ion: 70 Resp: 80570

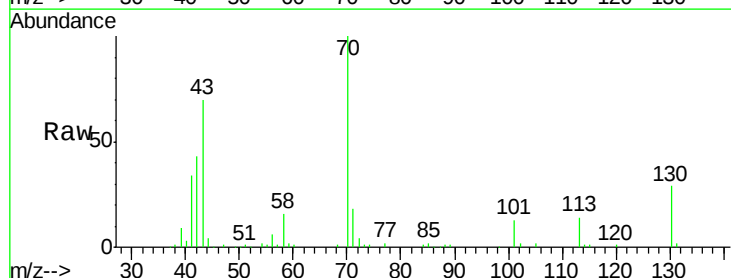
Ion Ratio Lower Upper

70 100

42 42.9 33.7 50.5

101 12.6 9.3 13.9

130 28.5 22.4 33.6

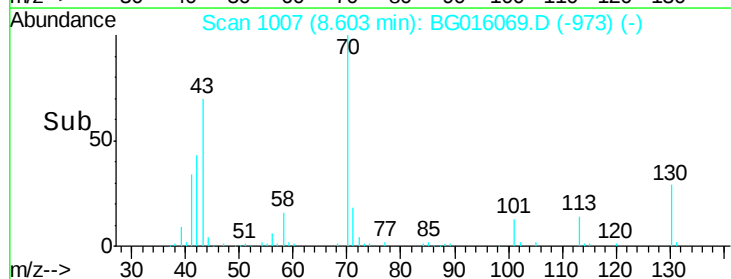
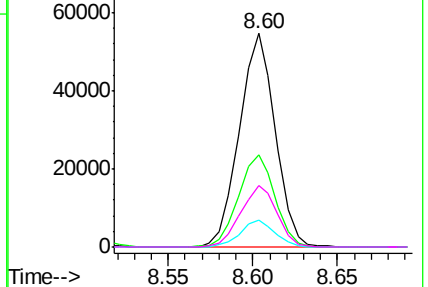


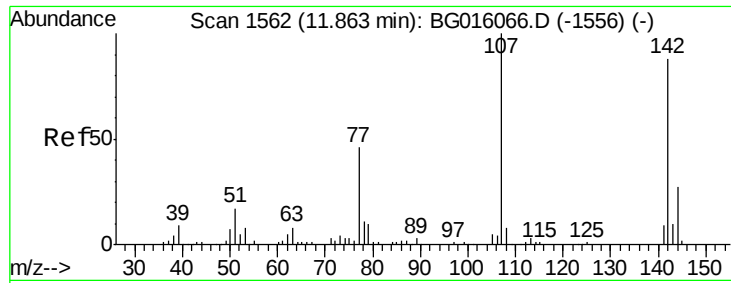
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

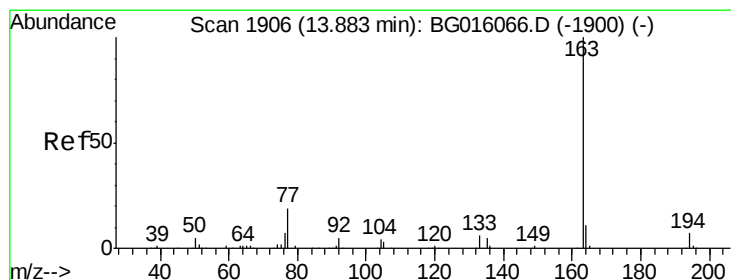
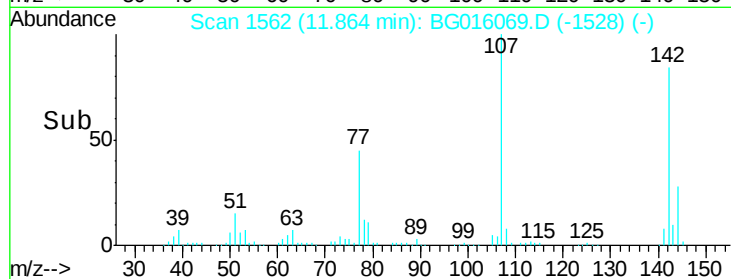
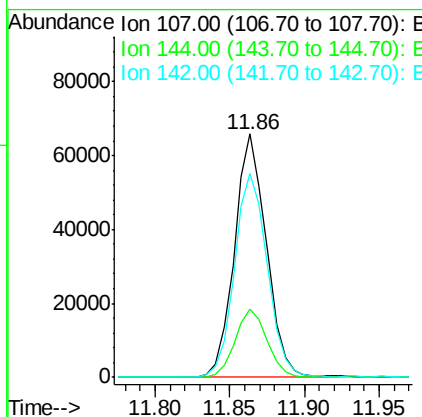
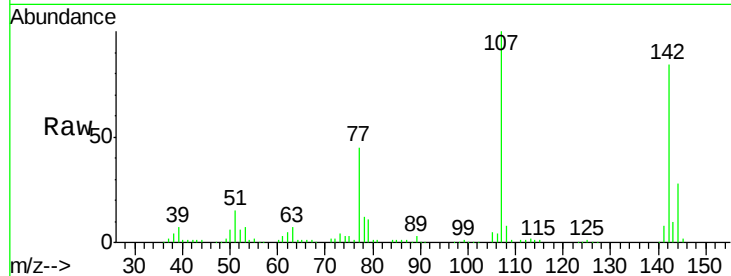




#33
4-Chloro-3-methylphenol
Concen: 20.30 ng/ul
RT: 11.86 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BG016069.D
Acq: 19 Mar 2015 17:50

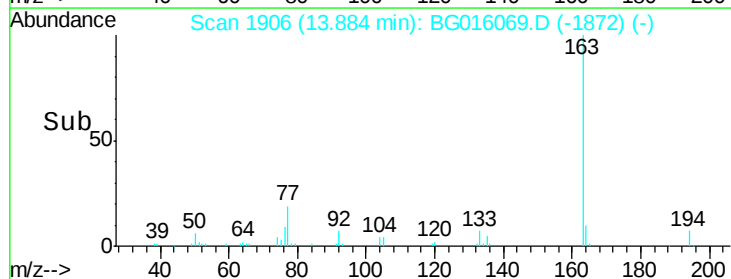
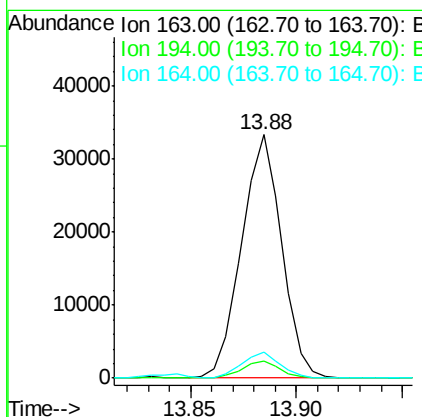
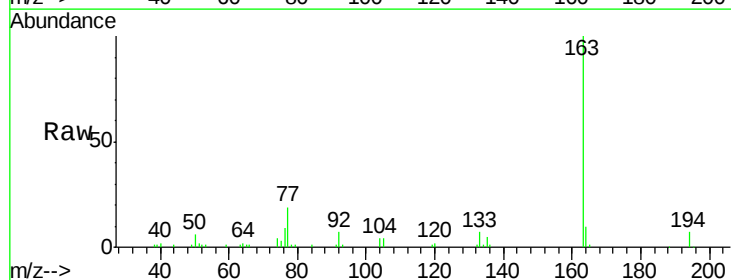
Instrument :
BNA_G
ClientSampleId :

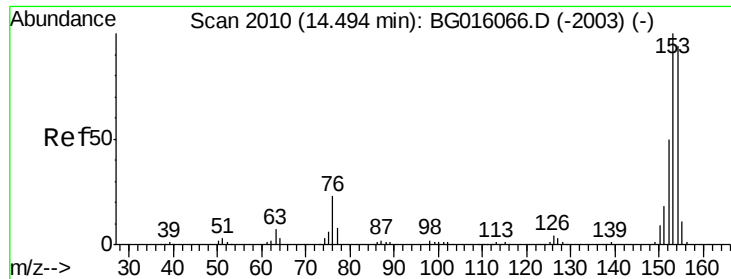
Tgt Ion:107 Resp: 97975
Ion Ratio Lower Upper
107 100
144 28.0 23.8 35.8
142 83.9 69.8 104.6



#44
Dimethylphthalate
Concen: 3.12 ng/ul
RT: 13.88 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BG016069.D
Acq: 19 Mar 2015 17:50

Tgt Ion:163 Resp: 43811
Ion Ratio Lower Upper
163 100
194 7.2 5.4 8.0
164 10.5 8.2 12.4





#49

Acenaphthene

Concen: 19.70 ng/ul

RT: 14.49 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG016069.D

Acq: 19 Mar 2015 17:50

Instrument :

BNA_G

ClientSampled :

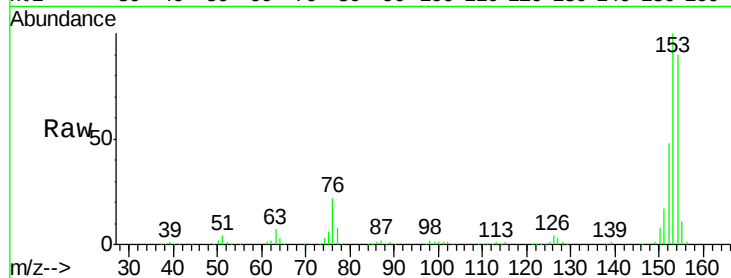
Tgt Ion:153 Resp: 255007

Ion Ratio Lower Upper

153 100

152 47.8 37.4 56.2

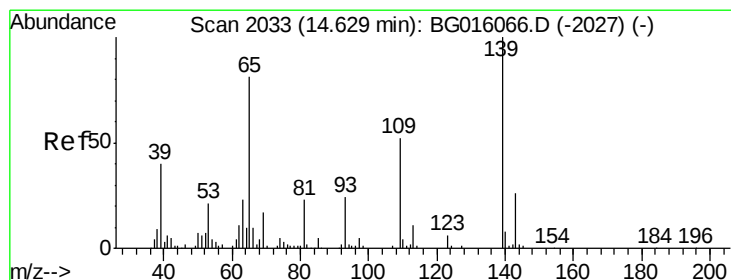
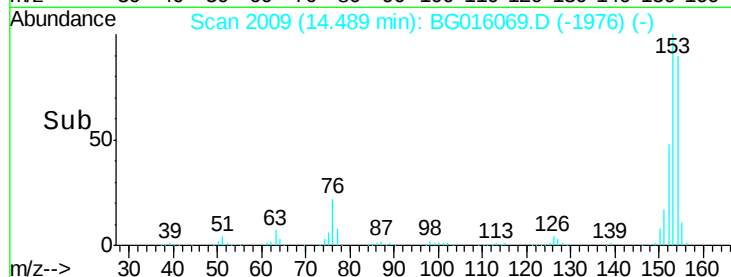
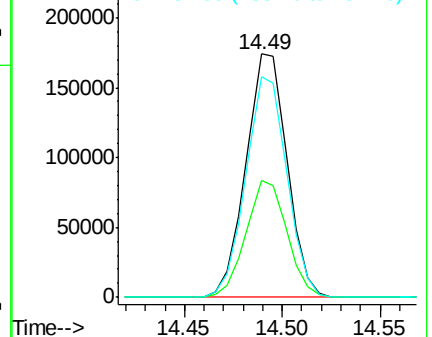
154 90.3 74.4 111.6



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: 19.04 ng/ul

RT: 14.63 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG016069.D

Acq: 19 Mar 2015 17:50

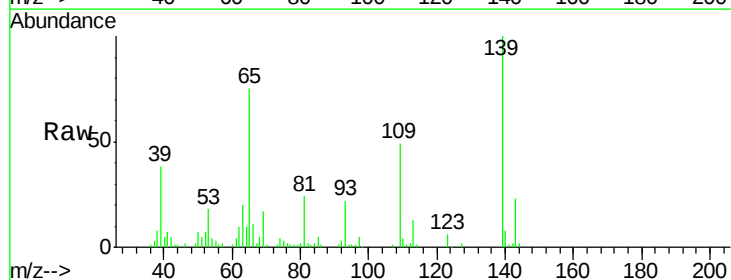
Tgt Ion:109 Resp: 30777

Ion Ratio Lower Upper

109 100

139 202.3 162.7 244.1

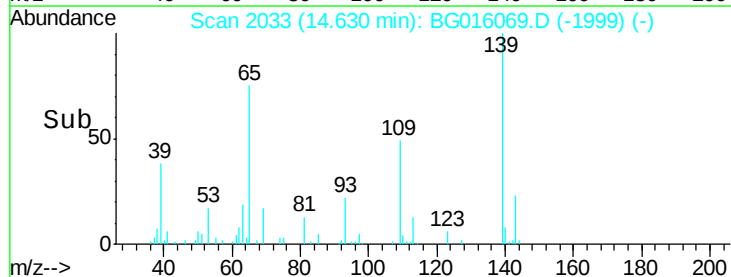
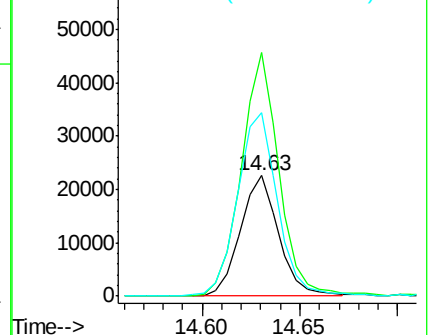
65 152.6 124.8 187.2

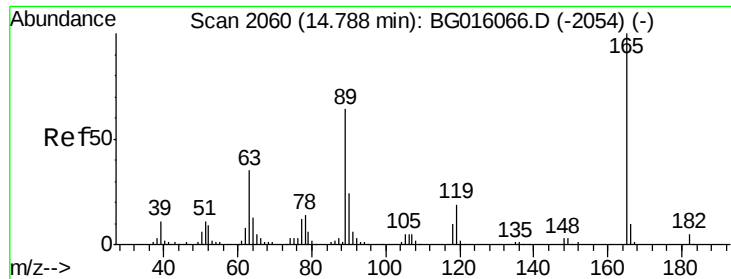


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

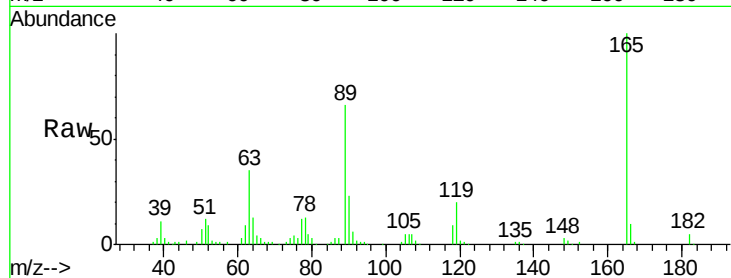




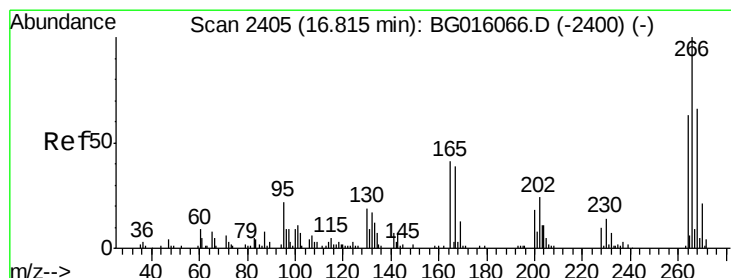
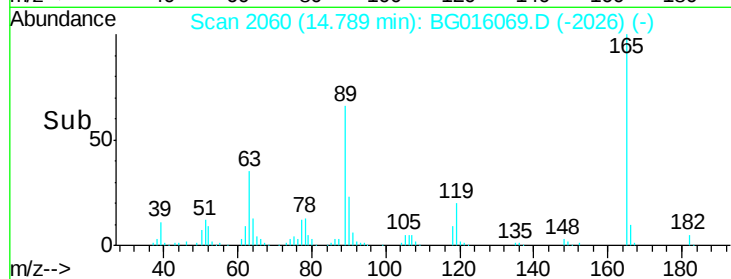
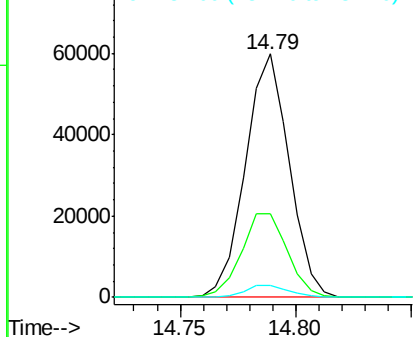
#54
 2,4-Dinitrotoluene
 Concen: 18.83 ng/ul
 RT: 14.79 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG016069.D
 Acq: 19 Mar 2015 17:50

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:165 Resp: 78954
 Ion Ratio Lower Upper
 165 100
 63 34.5 27.1 40.7
 182 4.8 3.9 5.9

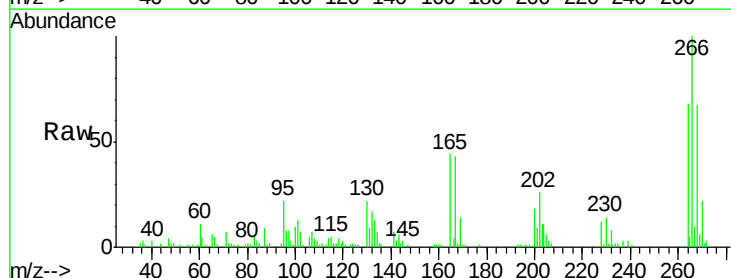


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 182.00 (181.70 to 182.70): E

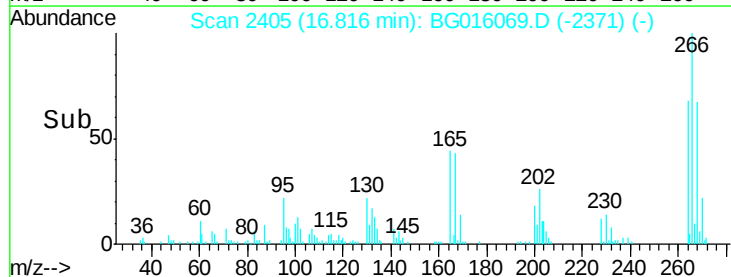
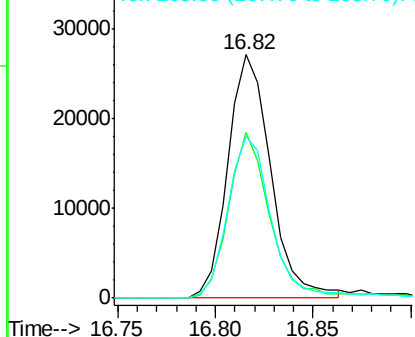


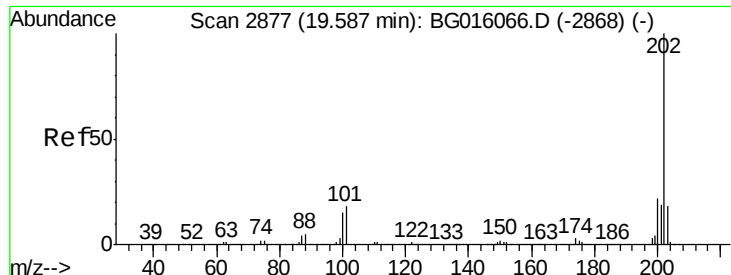
#68
 Pentachlorophenol
 Concen: 15.76 ng/ul
 RT: 16.82 min Scan# 2405
 Delta R.T. 0.00 min
 Lab File: BG016069.D
 Acq: 19 Mar 2015 17:50

Tgt Ion:266 Resp: 41459
 Ion Ratio Lower Upper
 266 100
 264 68.2 49.2 73.8
 268 66.5 47.6 71.4



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





#77

Pyrene

Concen: 21.09 ng/ul

RT: 19.59 min Scan# 2877

Delta R.T. 0.00 min

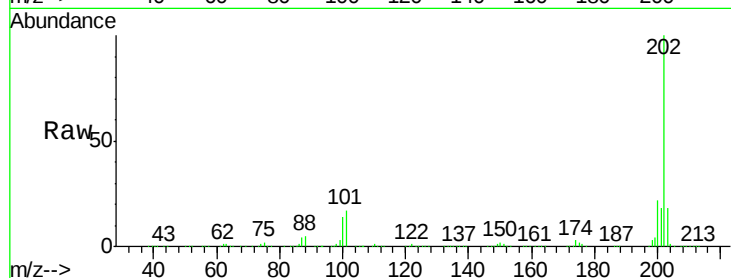
Lab File: BG016069.D

Acq: 19 Mar 2015 17:50

Instrument :

BNA_G

ClientSampleId :



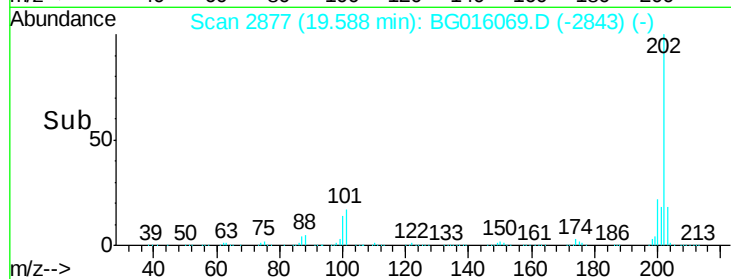
Tgt Ion: 202 Resp: 575649

Ion Ratio Lower Upper

202 100

101 17.3 14.6 21.8

100 14.0 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

