

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031915\
 Data File : BG016070.D
 Acq On : 19 Mar 2015 18:25
 Operator : TP/IZ
 Sample : G1565-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 01:29:28 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	67354	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	305956	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	185787	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	389137	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	416320	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	408184	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	123367	20.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	71956	21.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	96885	20.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	93111	20.47	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	51661	21.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	51218	21.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	83662	19.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	126301	21.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	283399	23.40	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	358154	21.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	53969	18.66	ng/ul	0.00
57) Fluorene-d10	15.42	176	255644	21.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	32506	15.98	ng/ul	0.00
70) Anthracene-d10	17.26	188	382380	21.51	ng/ul	0.00
76) Pyrene-d10	19.55	212	421809	22.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	377240	21.19	ng/ul	0.00

Target Compounds

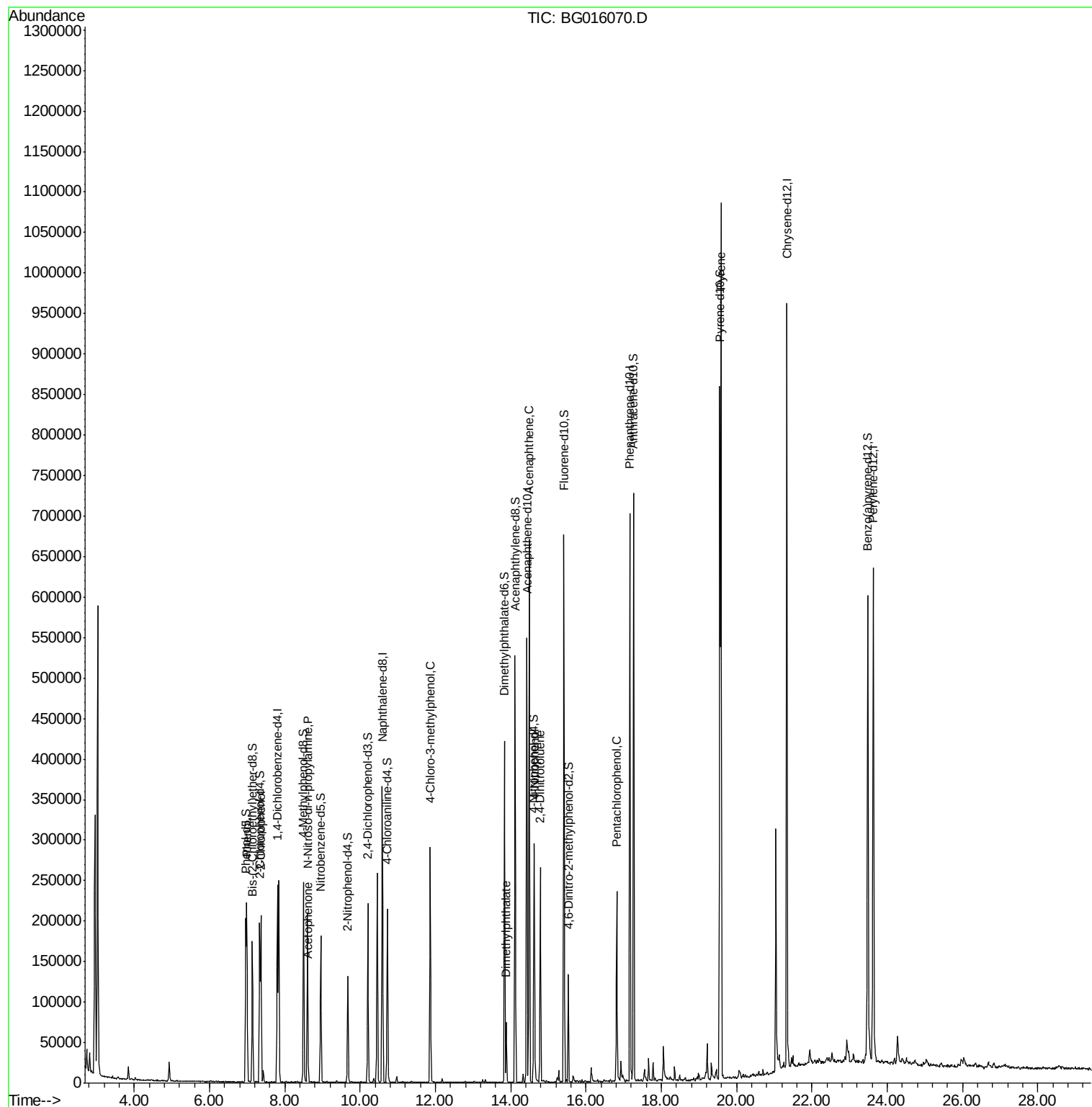
						Qvalue
6) Phenol	6.99	94	134495	20.30	ng/ul	99
10) 2-Chlorophenol	7.36	128	97640	19.65	ng/ul	98
14) Acetophenone	8.62	105	8907	1.24	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.60	70	81048	20.78	ng/ul	99
33) 4-Chloro-3-methylphenol	11.86	107	99994	20.72	ng/ul	98
44) Dimethylphthalate	13.88	163	49061	3.57	ng/ul	98
49) Acenaphthene	14.49	153	253095	20.00	ng/ul	99
52) 4-Nitrophenol	14.63	109	30527	19.31	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	77741	18.96	ng/ul	99
68) Pentachlorophenol	16.82	266	43732	17.59	ng/ul	99
77) Pyrene	19.58	202	582379	22.73	ng/ul	100

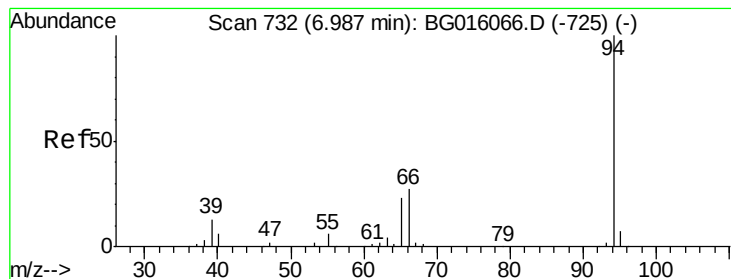
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 01:12:50 2015
Response via : Initial Calibration





#6

Phenol

Concen: 20.30 ng/ul

RT: 6.99 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG016070.D

Acq: 19 Mar 2015 18:25

Instrument :

BNA_G

ClientSampleId :

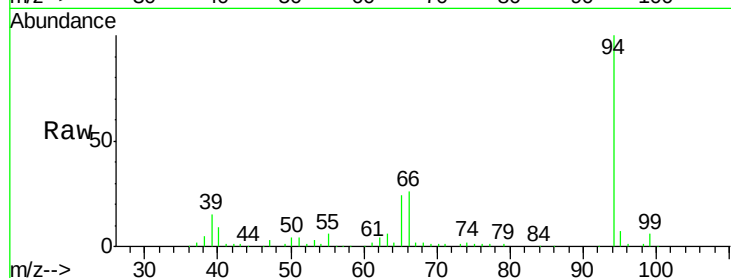
Tgt Ion: 94 Resp: 134495

Ion Ratio Lower Upper

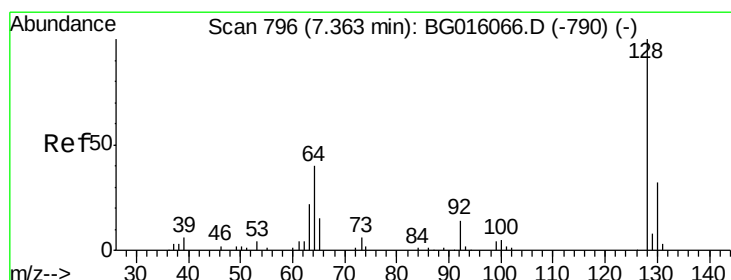
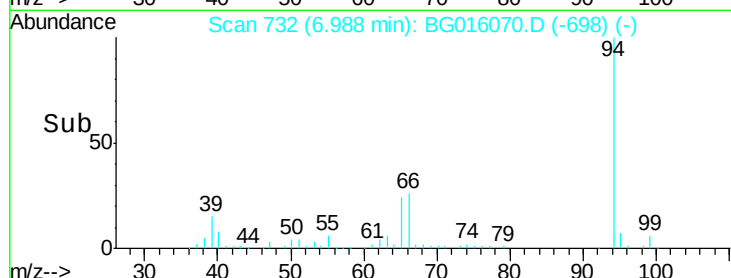
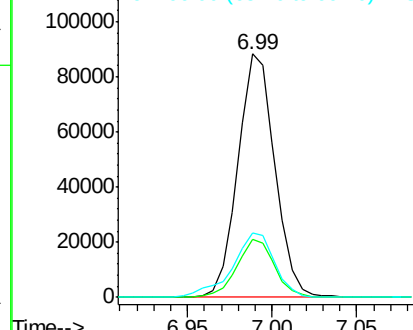
94 100

65 23.7 18.4 27.6

66 26.3 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: 19.65 ng/ul

RT: 7.36 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG016070.D

Acq: 19 Mar 2015 18:25

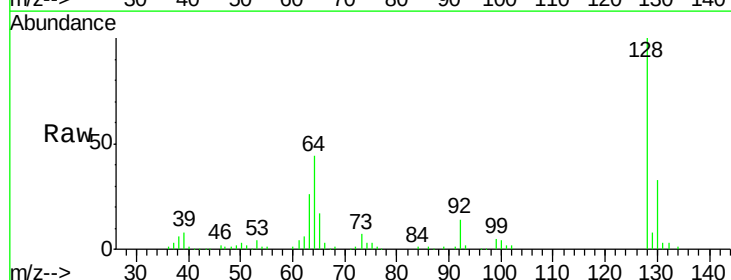
Tgt Ion:128 Resp: 97640

Ion Ratio Lower Upper

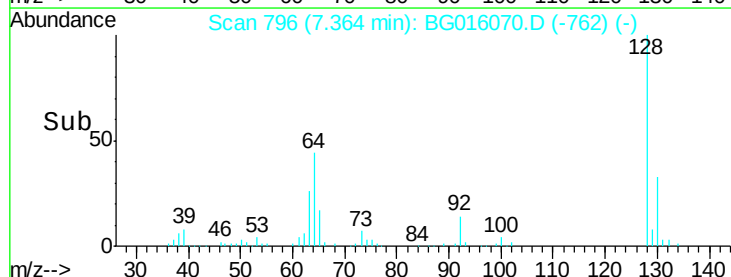
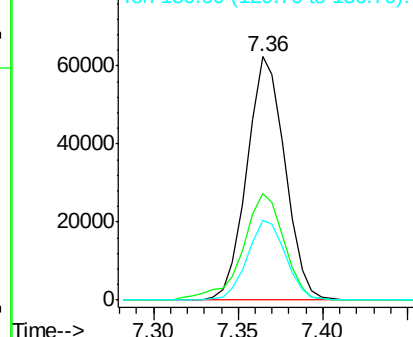
128 100

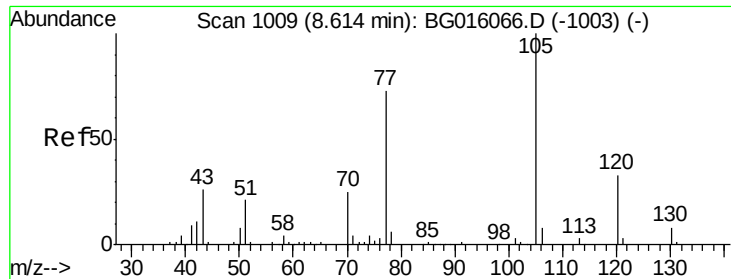
64 44.0 34.1 51.1

130 32.6 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: 1.24 ng/ul

RT: 8.62 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BG016070.D

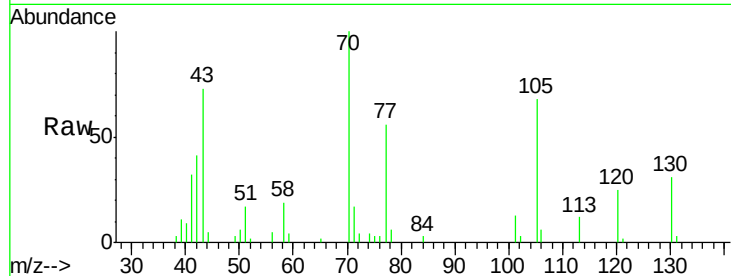
Acq: 19 Mar 2015 18:25

Instrument :

BNA_G

ClientSampled :

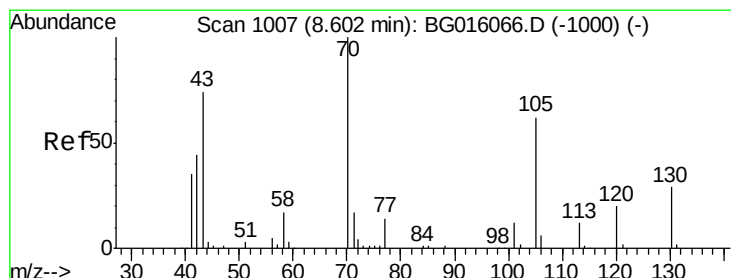
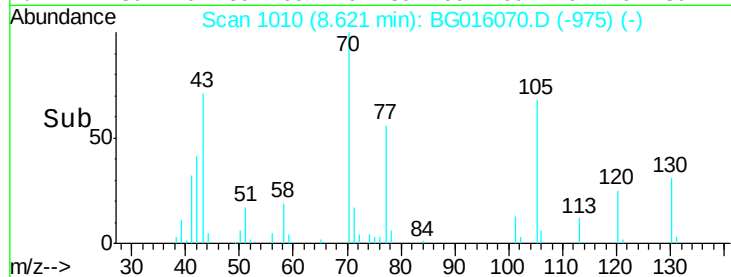
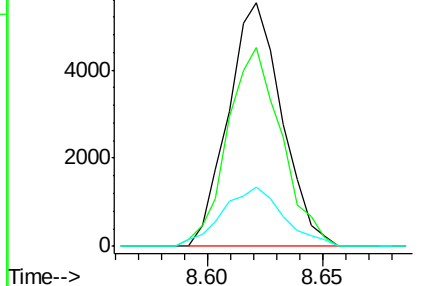
Tgt Ion:	105	Resp:	8907
Ion Ratio	Lower	Upper	
105	100		
77	81.8	57.8	86.8
51	24.3	16.5	24.7



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: 20.78 ng/ul

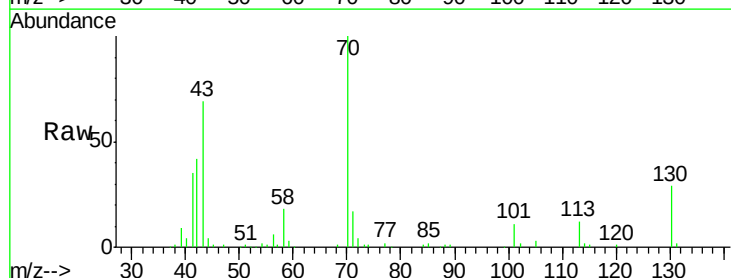
RT: 8.60 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BG016070.D

Acq: 19 Mar 2015 18:25

Tgt Ion:	70	Resp:	81048
Ion Ratio	Lower	Upper	
70	100		
42	42.3	33.7	50.5
101	11.5	9.3	13.9
130	29.3	22.4	33.6

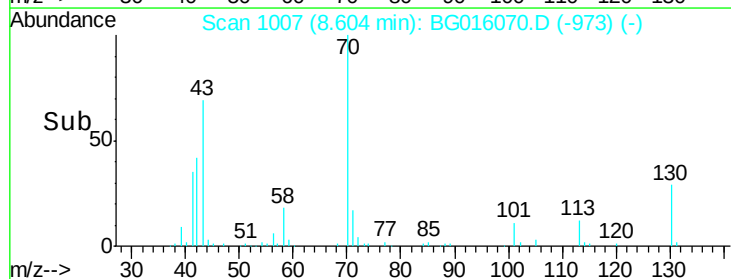
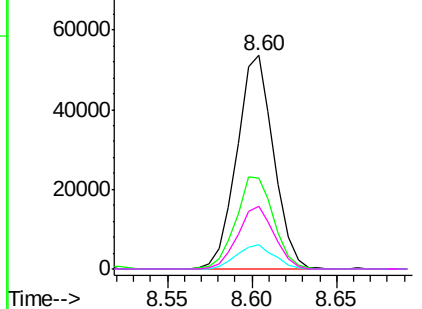


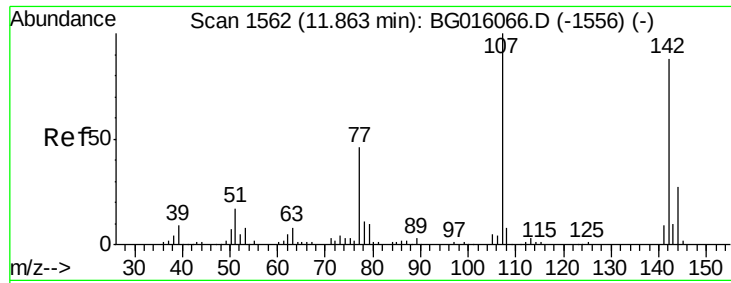
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

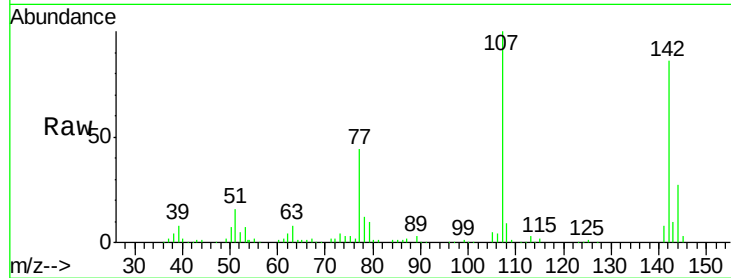




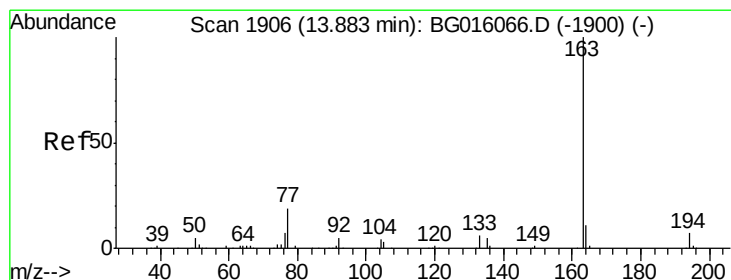
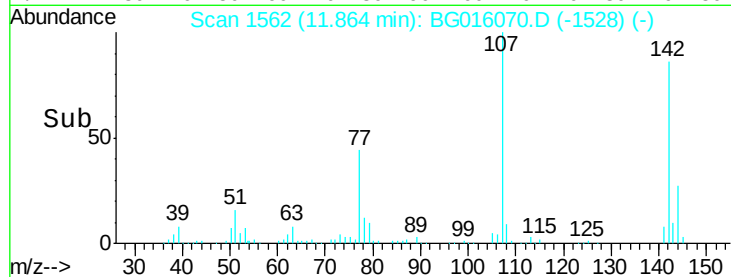
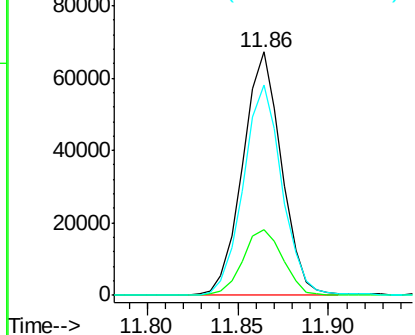
#33
4-Chloro-3-methylphenol
Concen: 20.72 ng/ul
RT: 11.86 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BG016070.D
Acq: 19 Mar 2015 18:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 99994
Ion Ratio Lower Upper
107 100
144 26.9 23.8 35.8
142 86.3 69.8 104.6

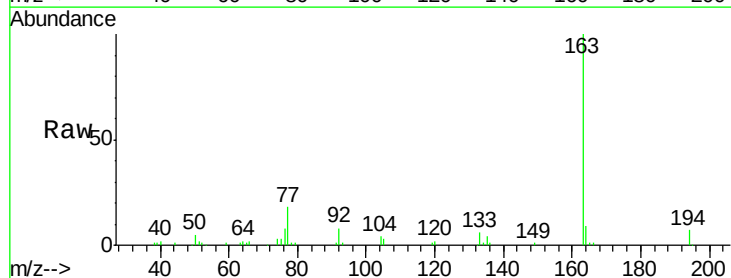


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

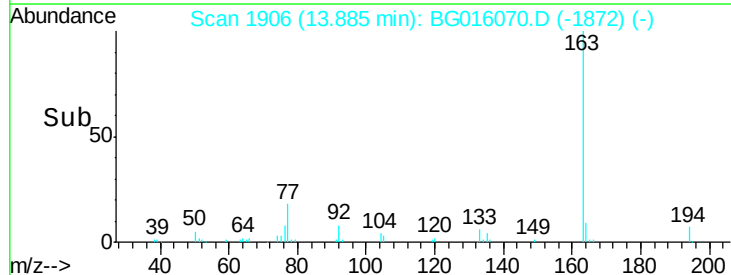
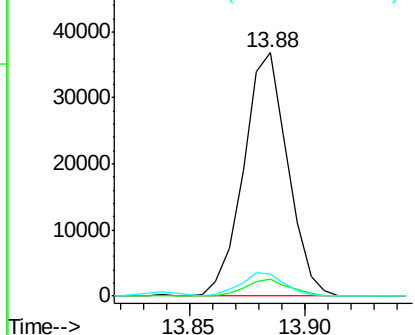


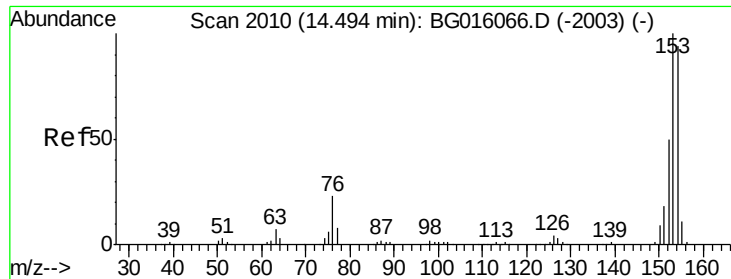
#44
Dimethylphthalate
Concen: 3.57 ng/ul
RT: 13.88 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BG016070.D
Acq: 19 Mar 2015 18:25

Tgt Ion:163 Resp: 49061
Ion Ratio Lower Upper
163 100
194 6.9 5.4 8.0
164 8.9 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: 20.00 ng/ul

RT: 14.49 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG016070.D

Acq: 19 Mar 2015 18:25

Instrument :

BNA_G

ClientSampleId :

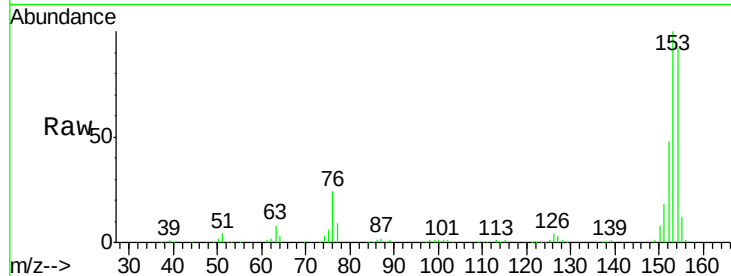
Tgt Ion:153 Resp: 253095

Ion Ratio Lower Upper

153 100

152 47.8 37.4 56.2

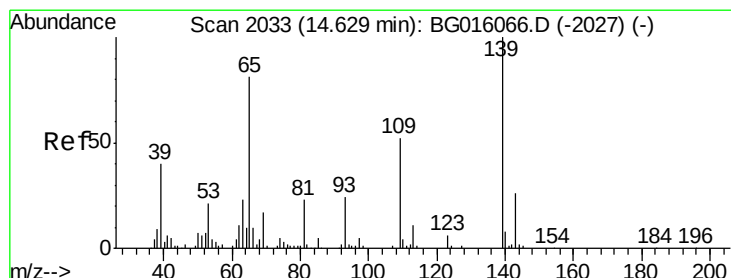
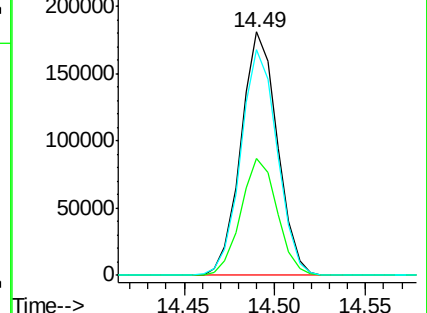
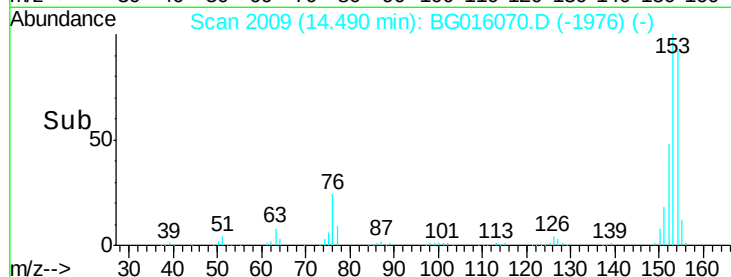
154 92.5 74.4 111.6



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: 19.31 ng/ul

RT: 14.63 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG016070.D

Acq: 19 Mar 2015 18:25

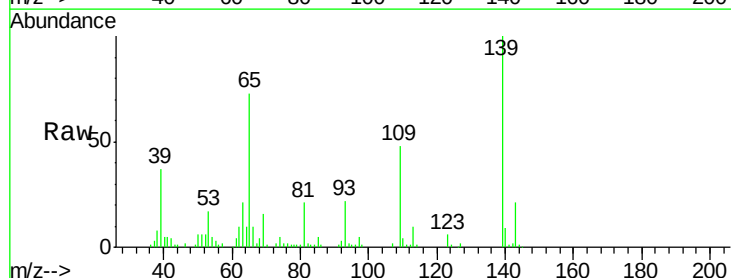
Tgt Ion:109 Resp: 30527

Ion Ratio Lower Upper

109 100

139 208.7 162.7 244.1

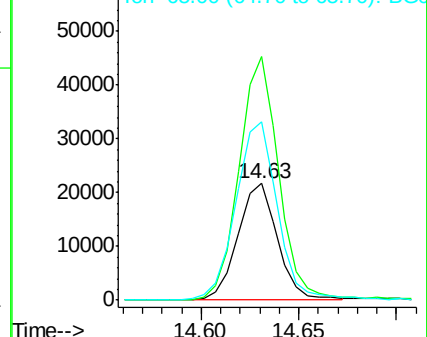
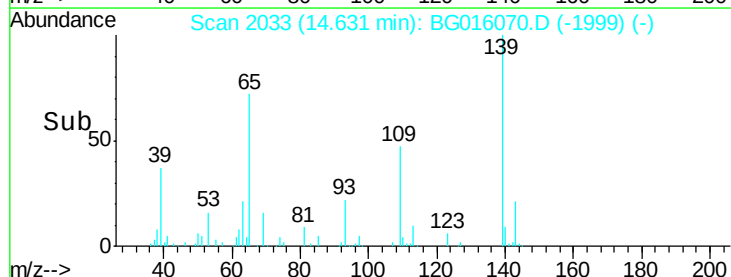
65 153.1 124.8 187.2

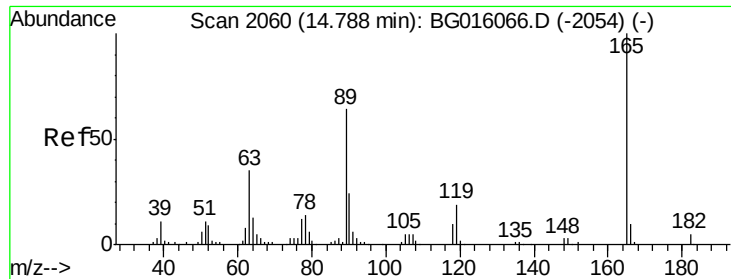


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG

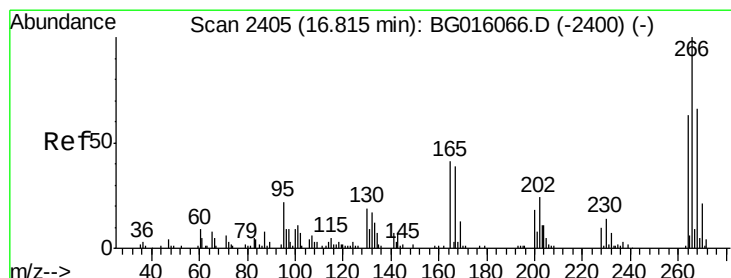
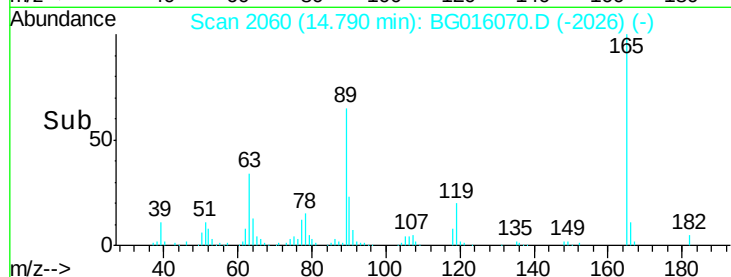
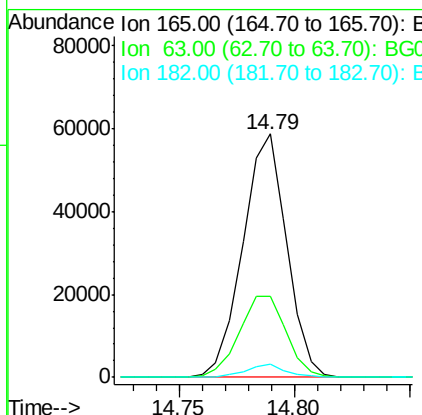
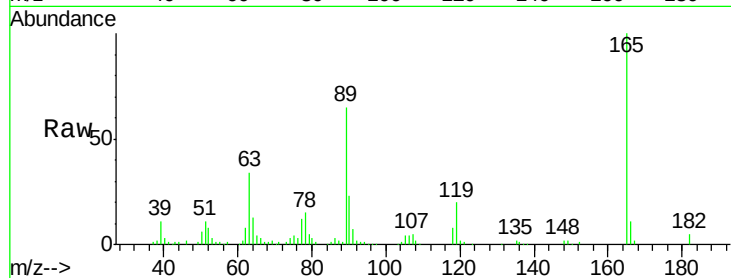




#54
 2,4-Dinitrotoluene
 Concen: 18.96 ng/ul
 RT: 14.79 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG016070.D
 Acq: 19 Mar 2015 18:25

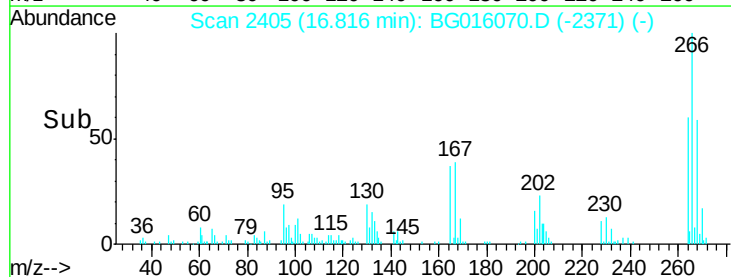
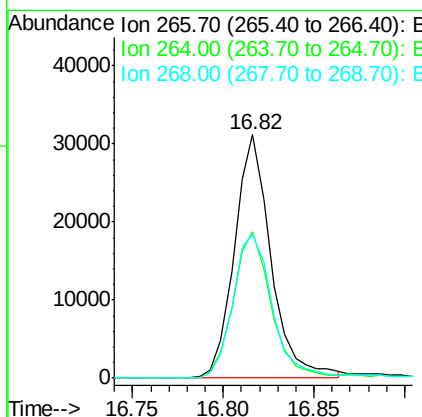
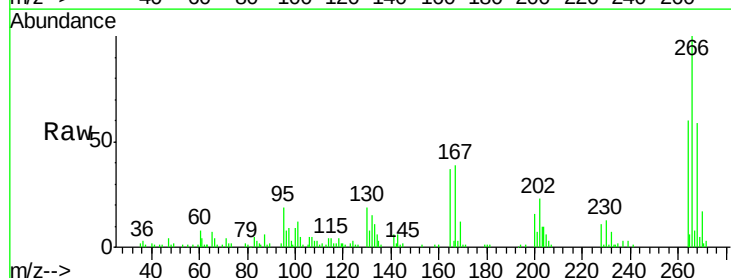
Instrument :
 BNA_G
 ClientSampleId :

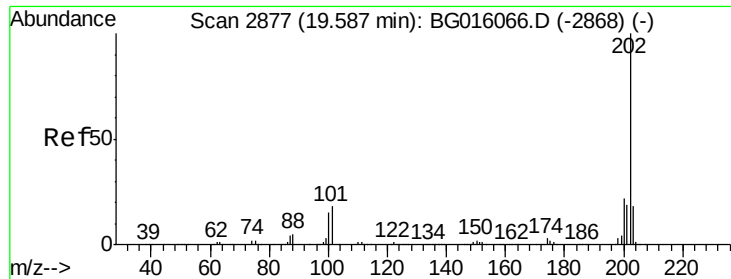
Tgt Ion:165 Resp: 77741
 Ion Ratio Lower Upper
 165 100
 63 33.5 27.1 40.7
 182 5.2 3.9 5.9



#68
 Pentachlorophenol
 Concen: 17.59 ng/ul
 RT: 16.82 min Scan# 2405
 Delta R.T. 0.00 min
 Lab File: BG016070.D
 Acq: 19 Mar 2015 18:25

Tgt Ion:266 Resp: 43732
 Ion Ratio Lower Upper
 266 100
 264 60.2 49.2 73.8
 268 59.2 47.6 71.4

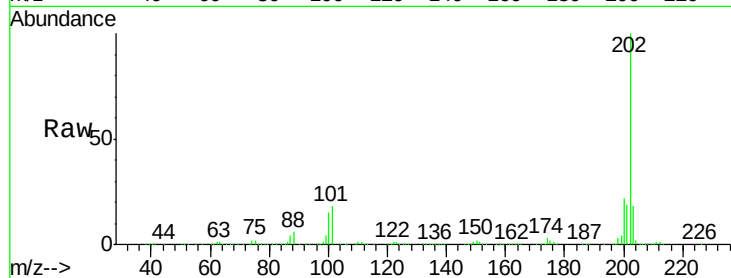




#77
 Pyrene
 Concen: 22.73 ng/ul
 RT: 19.58 min Scan# 2876
 Delta R.T. -0.00 min
 Lab File: BG016070.D
 Acq: 19 Mar 2015 18:25

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.4	14.6	21.8
100	15.3	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

