

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
 Data File : BG021335.D
 Acq On : 7 Mar 2016 12:06
 Operator : UM/SJ
 Sample : H1625-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHFF0MS

Quant Time: Mar 07 23:58:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 07 23:58:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	10494	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	49155	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	28684	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	66403	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	74104	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	68854	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1183	4.58	ng/uL	0.00
5) Phenol-d5	7.27	99	30973	27.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	22841	30.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	22644	29.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	24817	28.28	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	12164	30.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	12951	30.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	22138	29.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	33170	34.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	78742	32.76	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	98776	33.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	14798	31.58	ng/ul	0.00
58) Fluorene-d10	15.72	176	71406	33.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	13063	27.41	ng/ul	0.00
71) Anthracene-d10	17.57	188	115122	34.86	ng/ul	0.00
79) Pyrene-d10	19.84	212	134111	35.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	128016	34.44	ng/ul	0.00

Target Compounds

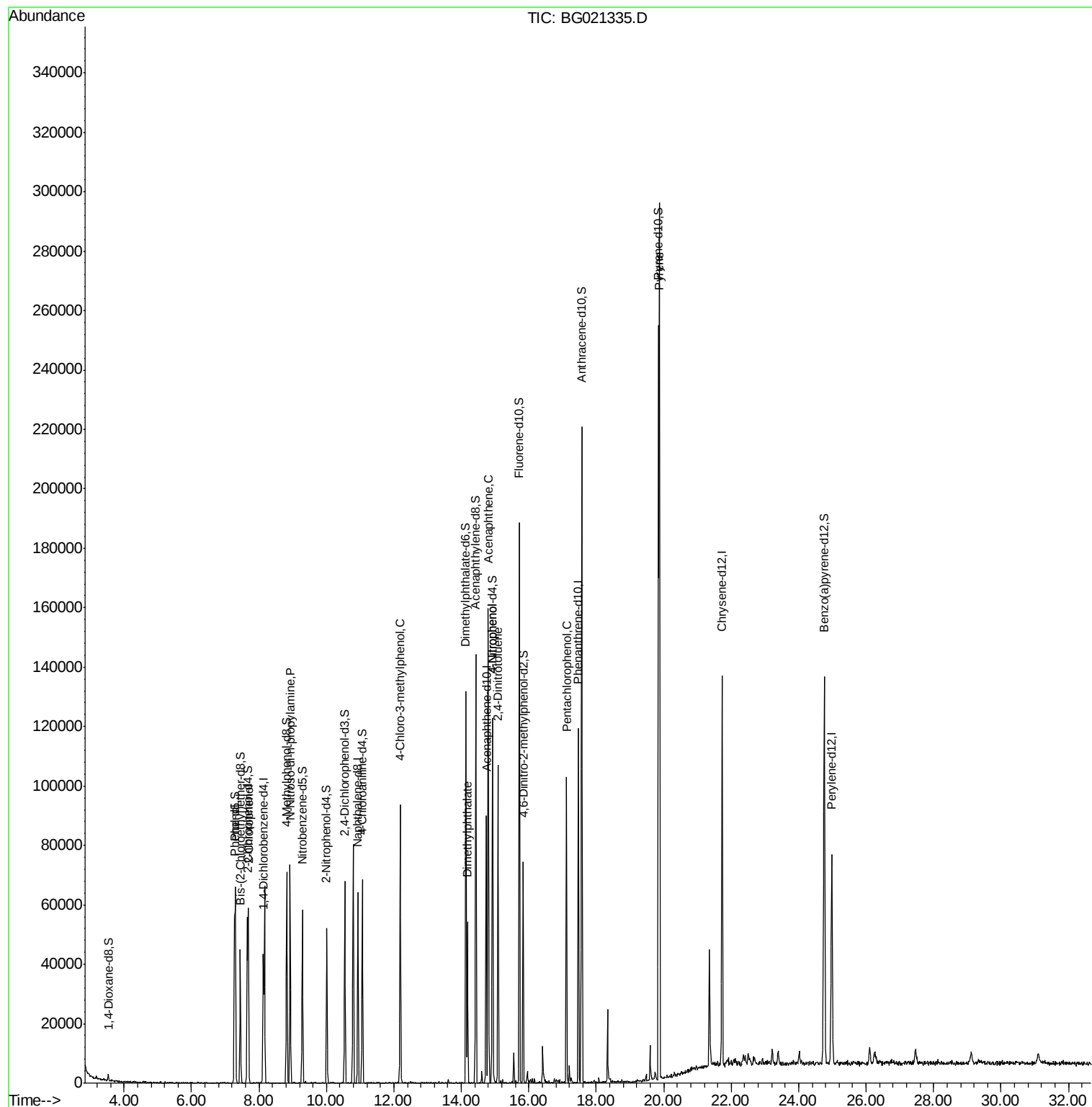
						Qvalue
6) Phenol	7.30	94	31624	26.38	ng/ul#	90
10) 2-Chlorophenol	7.69	128	22021	26.38	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.92	70	27501	29.90	ng/ul#	96
33) 4-Chloro-3-methylphenol	12.19	107	31485	29.73	ng/ul	98
45) Dimethylphthalate	14.18	163	30822	11.92	ng/ul#	98
50) Acenaphthene	14.79	153	65323	30.72	ng/ul	95
53) 4-Nitrophenol	14.93	109	17589	31.04	ng/ul	93
55) 2,4-Dinitrotoluene	15.09	165	24719	31.54	ng/ul#	92
69) Pentachlorophenol	17.12	266	14788	29.58	ng/ul#	87
80) Pyrene	19.87	202	162422	32.71	ng/ul	98

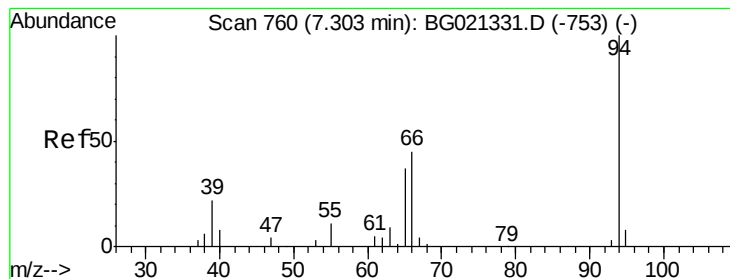
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 07 23:58:06 2016
Response via : Initial Calibration





#6

Phenol

Concen: 26.38 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG021335.D

Acq: 7 Mar 2016 12:06

Instrument :

BNA_G

ClientSampleId :

JHFF0MS

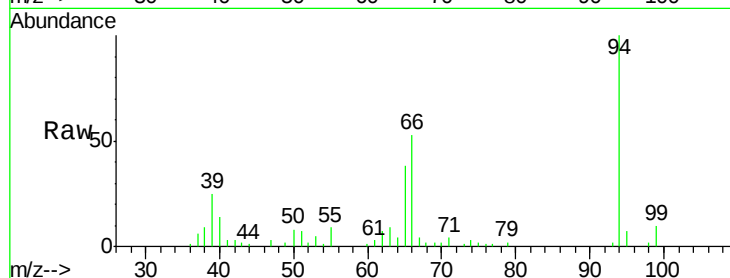
Tgt Ion: 94 Resp: 31624

Ion Ratio Lower Upper

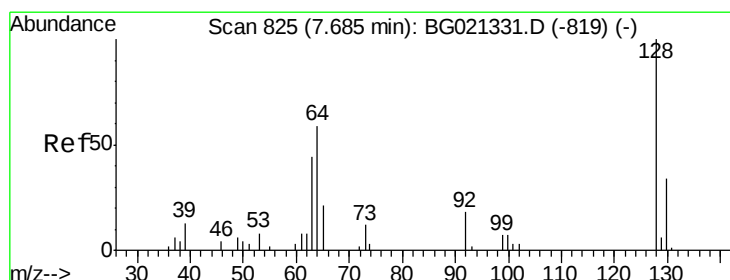
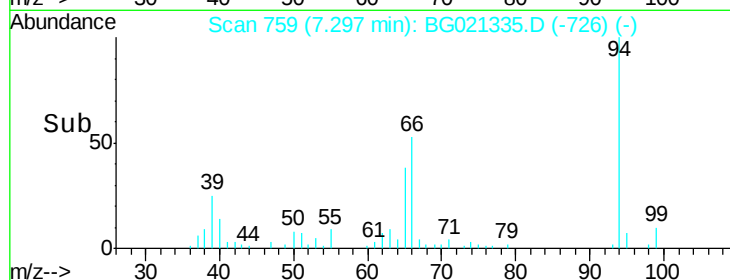
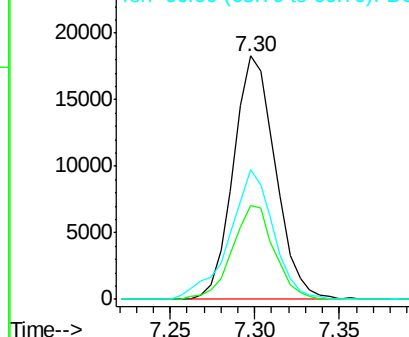
94 100

65 38.5 28.6 42.8

66 53.4 35.5 53.3#



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: 26.38 ng/ul

RT: 7.69 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG021335.D

Acq: 7 Mar 2016 12:06

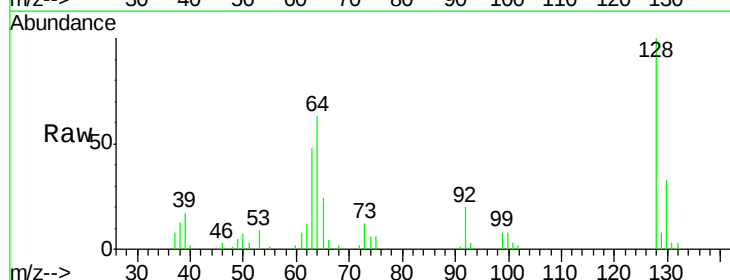
Tgt Ion: 128 Resp: 22021

Ion Ratio Lower Upper

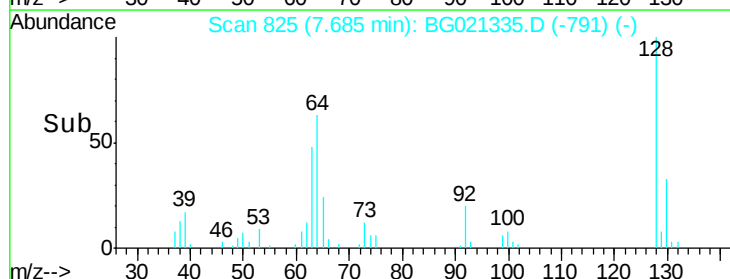
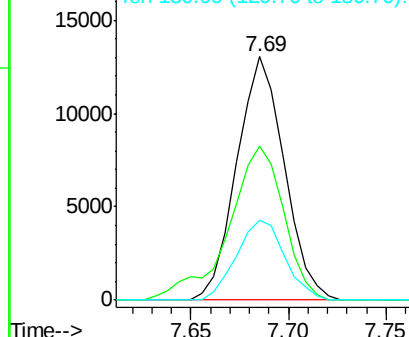
128 100

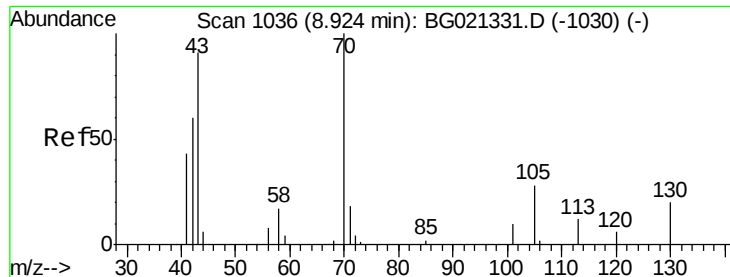
64 63.0 45.4 68.2

130 32.5 25.6 38.4



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

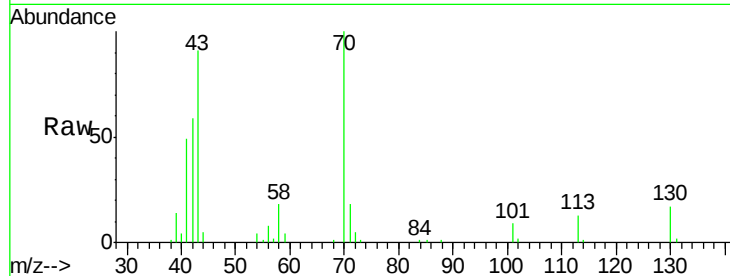




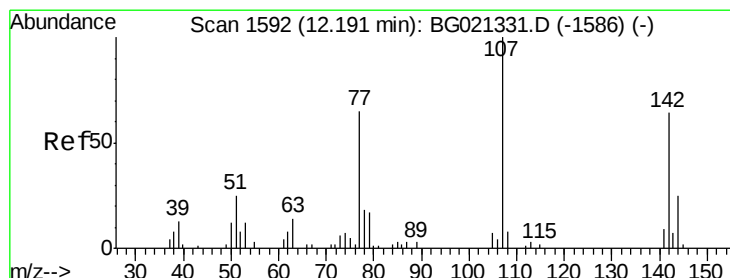
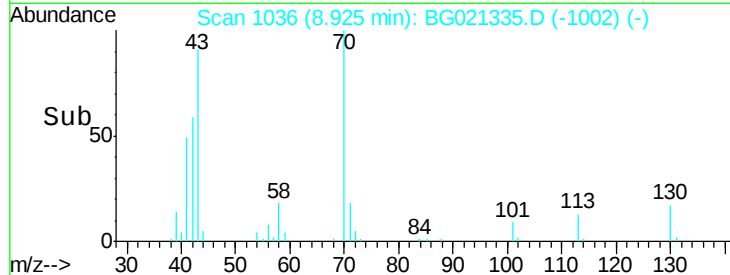
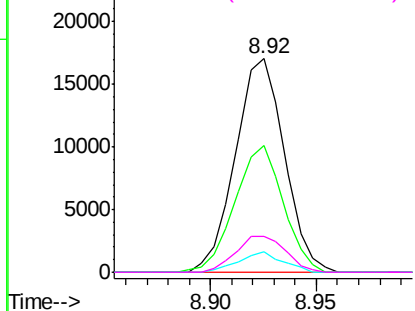
#15
N-Nitroso-di-n-propylamine
Concen: 29.90 ng/ul
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

Instrument :
BNA_G
ClientSampleId :
JHFF0MS

Tgt Ion: 70 Resp: 27501
Ion Ratio Lower Upper
70 100
42 59.2 45.7 68.5
101 9.3 5.7 8.5#
130 16.5 15.7 23.5

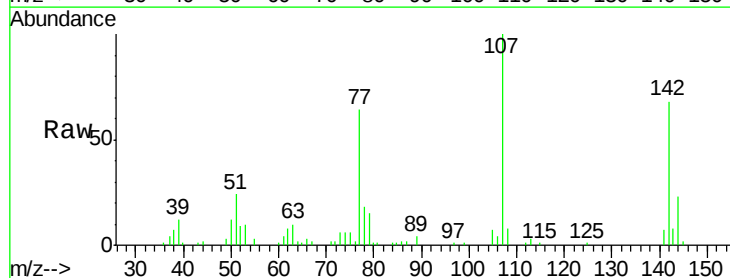


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

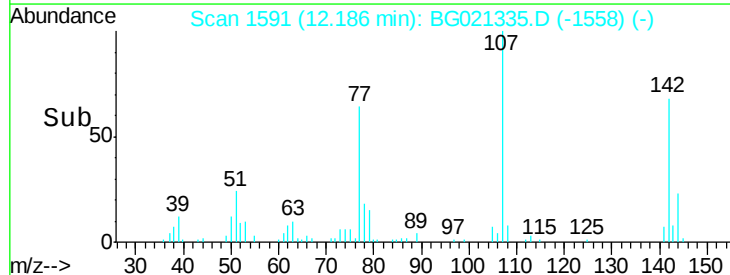
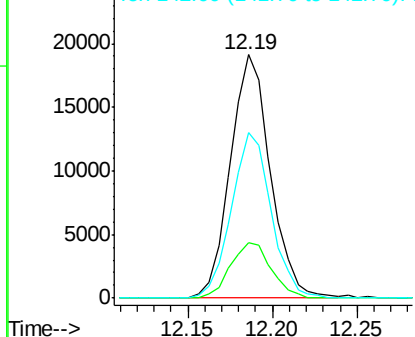


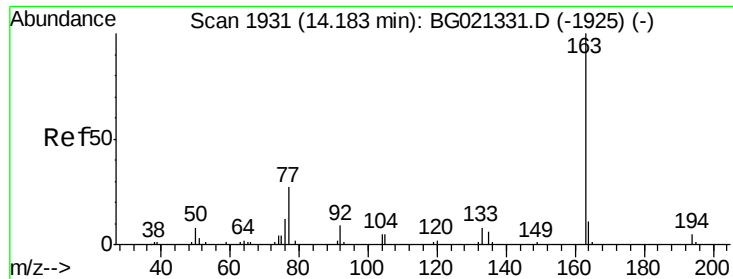
#33
4-Chloro-3-methylphenol
Concen: 29.73 ng/ul
RT: 12.19 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

Tgt Ion: 107 Resp: 31485
Ion Ratio Lower Upper
107 100
144 22.8 19.4 29.2
142 67.8 53.0 79.4



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

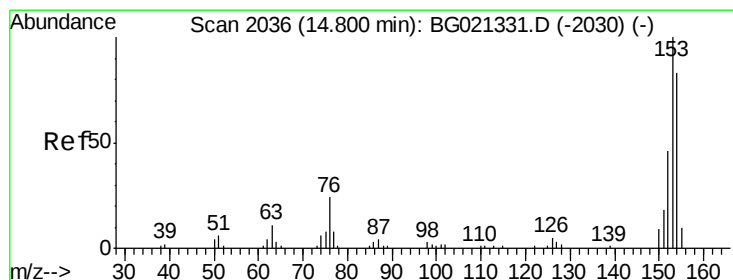
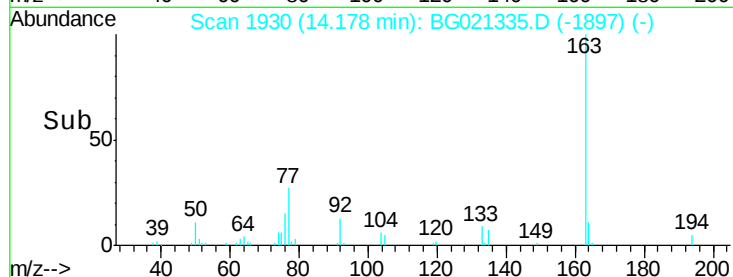
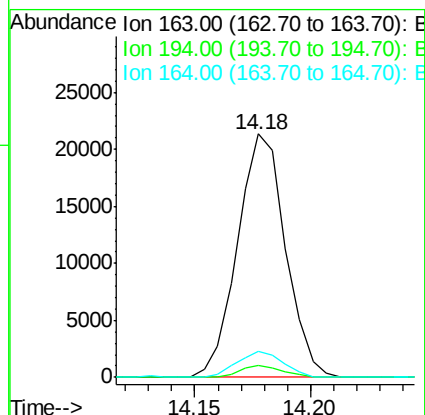
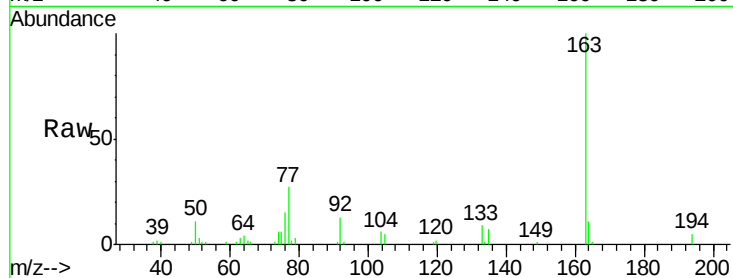




#45
Dimethylphthalate
Concen: 11.92 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

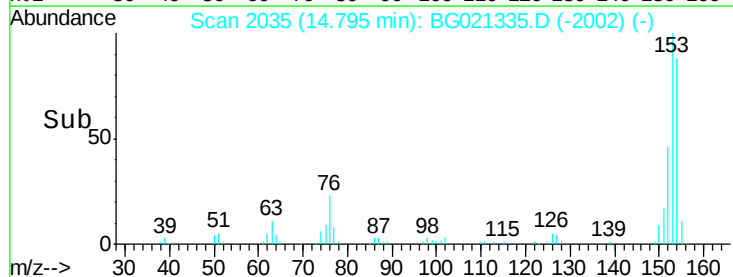
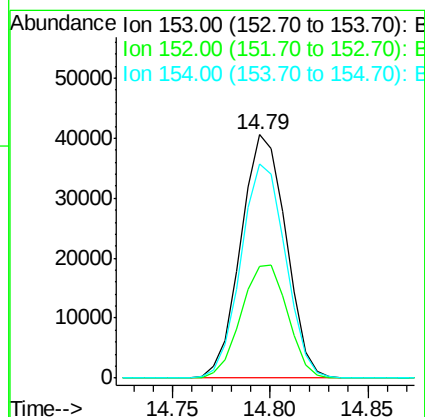
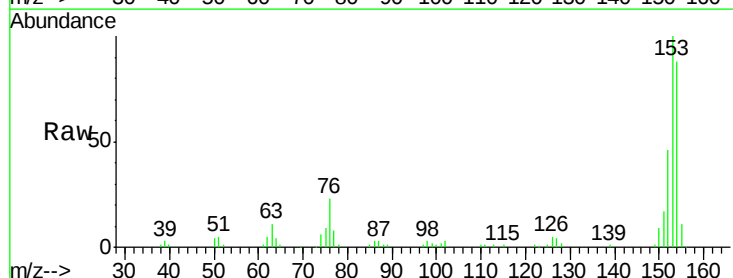
Instrument :
BNA_G
ClientSampleId :
JHFF0MS

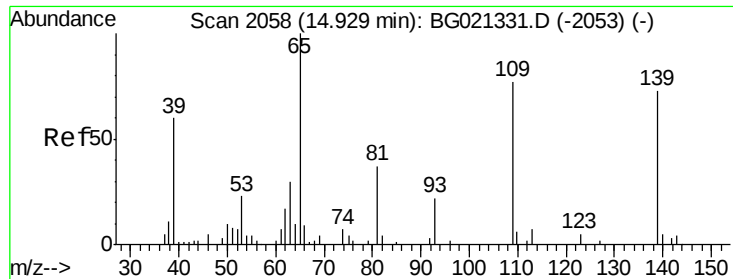
Tgt Ion:163 Resp: 30822
Ion Ratio Lower Upper
163 100
194 5.1 2.8 4.2#
164 10.5 8.2 12.2



#50
Acenaphthene
Concen: 30.72 ng/ul
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

Tgt Ion:153 Resp: 65323
Ion Ratio Lower Upper
153 100
152 45.7 39.0 58.6
154 87.8 66.8 100.2





#53

4-Nitrophenol

Concen: 31.04 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG021335.D

Acq: 7 Mar 2016 12:06

Instrument :

BNA_G

ClientSampleId :

JHFF0MS

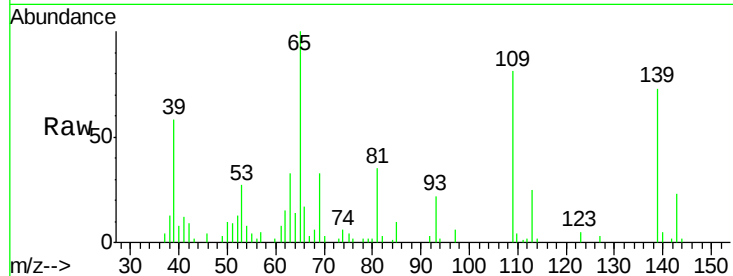
Tgt Ion:109 Resp: 17589

Ion Ratio Lower Upper

109 100

139 90.4 78.2 117.4

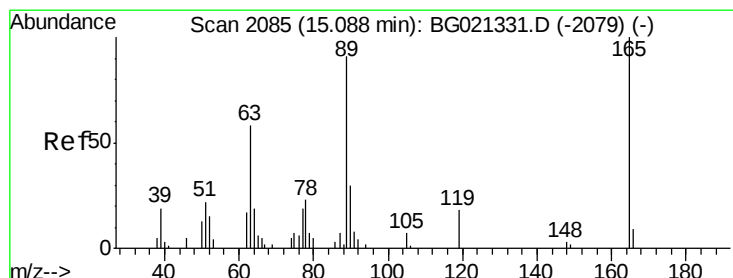
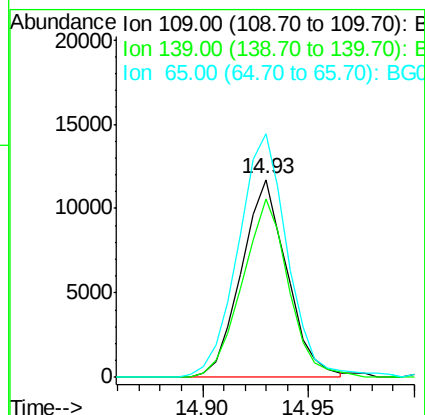
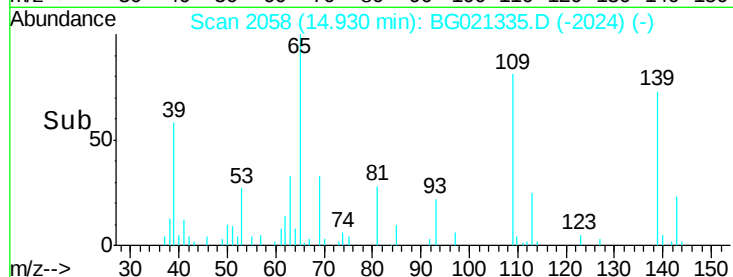
65 123.2 105.3 157.9



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: 31.54 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG021335.D

Acq: 7 Mar 2016 12:06

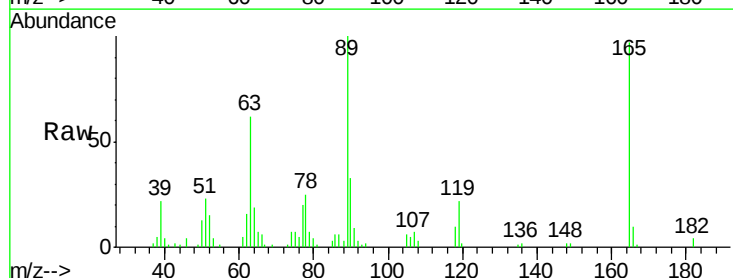
Tgt Ion:165 Resp: 24719

Ion Ratio Lower Upper

165 100

63 63.5 45.8 68.6

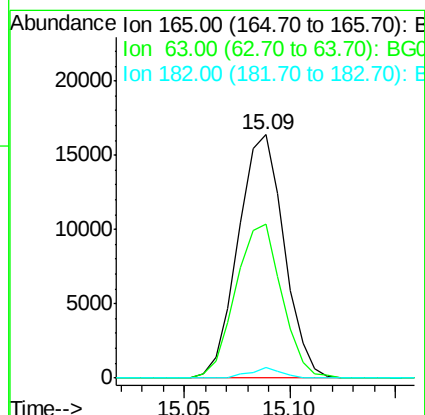
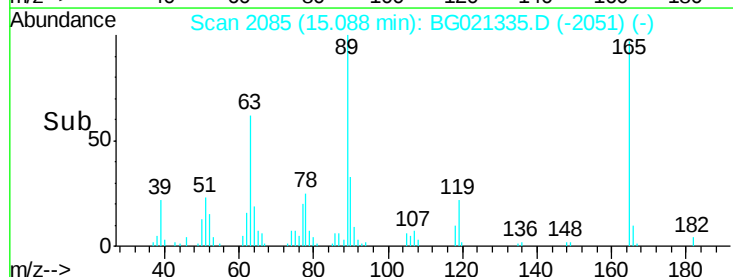
182 4.4 2.5 3.7#

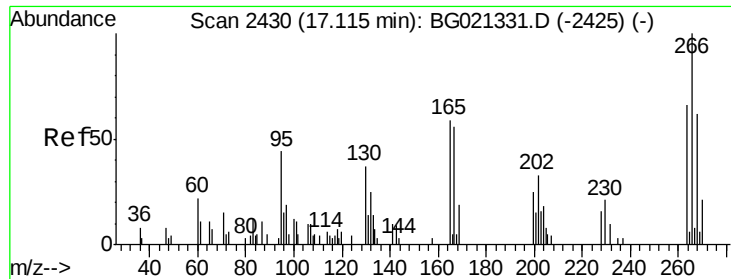


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

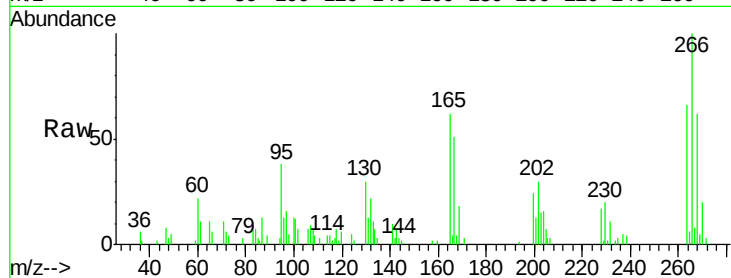




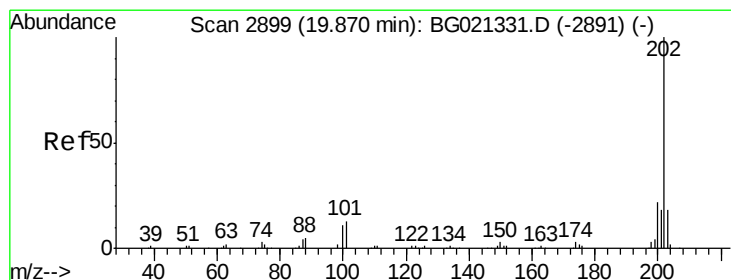
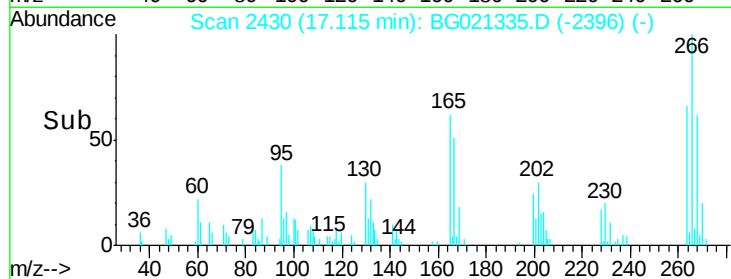
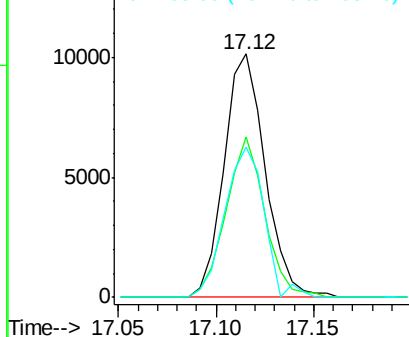
#69
 Pentachlorophenol
 Concen: 29.58 ng/ul
 RT: 17.12 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: BG021335.D
 Acq: 7 Mar 2016 12:06

Instrument :
 BNA_G
 ClientSampled :
 JHFF0MS

Tgt Ion:266 Resp: 14788
 Ion Ratio Lower Upper
 266 100
 264 71.5 45.3 67.9#
 268 67.1 58.0 87.0

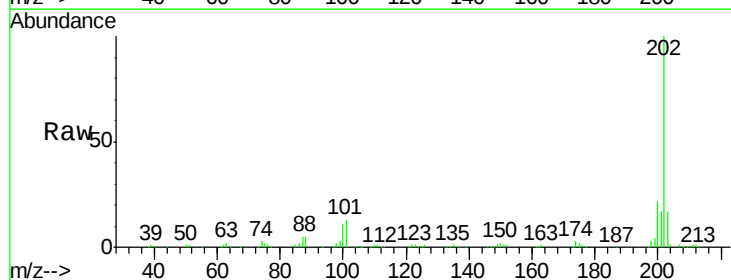


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 32.71 ng/ul
 RT: 19.87 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: BG021335.D
 Acq: 7 Mar 2016 12:06

Tgt Ion:202 Resp: 162422
 Ion Ratio Lower Upper
 202 100
 101 13.5 11.0 16.4
 100 11.5 8.1 12.1



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

