

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
 Data File : BG021291.D
 Acq On : 5 Mar 2016 4:50
 Operator : UM/SJ
 Sample : H1626-20MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHFM1MS

Quant Time: Mar 05 05:58:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 05 05:52:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	10533	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	49504	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	28798	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	66454	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	72621	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	68590	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	714	2.75	ng/uL	0.00
5) Phenol-d5	7.28	99	18098	16.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	13071	17.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	13037	16.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	13625	15.47	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	6765	16.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	7289	17.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	12380	16.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	17368	17.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	42338	17.54	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	55882	18.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	6494	13.81	ng/ul	0.00
58) Fluorene-d10	15.72	176	38833	18.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	5408	11.34	ng/ul	0.00
71) Anthracene-d10	17.57	188	60415	18.28	ng/ul	0.00
79) Pyrene-d10	19.85	212	69849	19.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	67060	18.11	ng/ul	0.00

Target Compounds

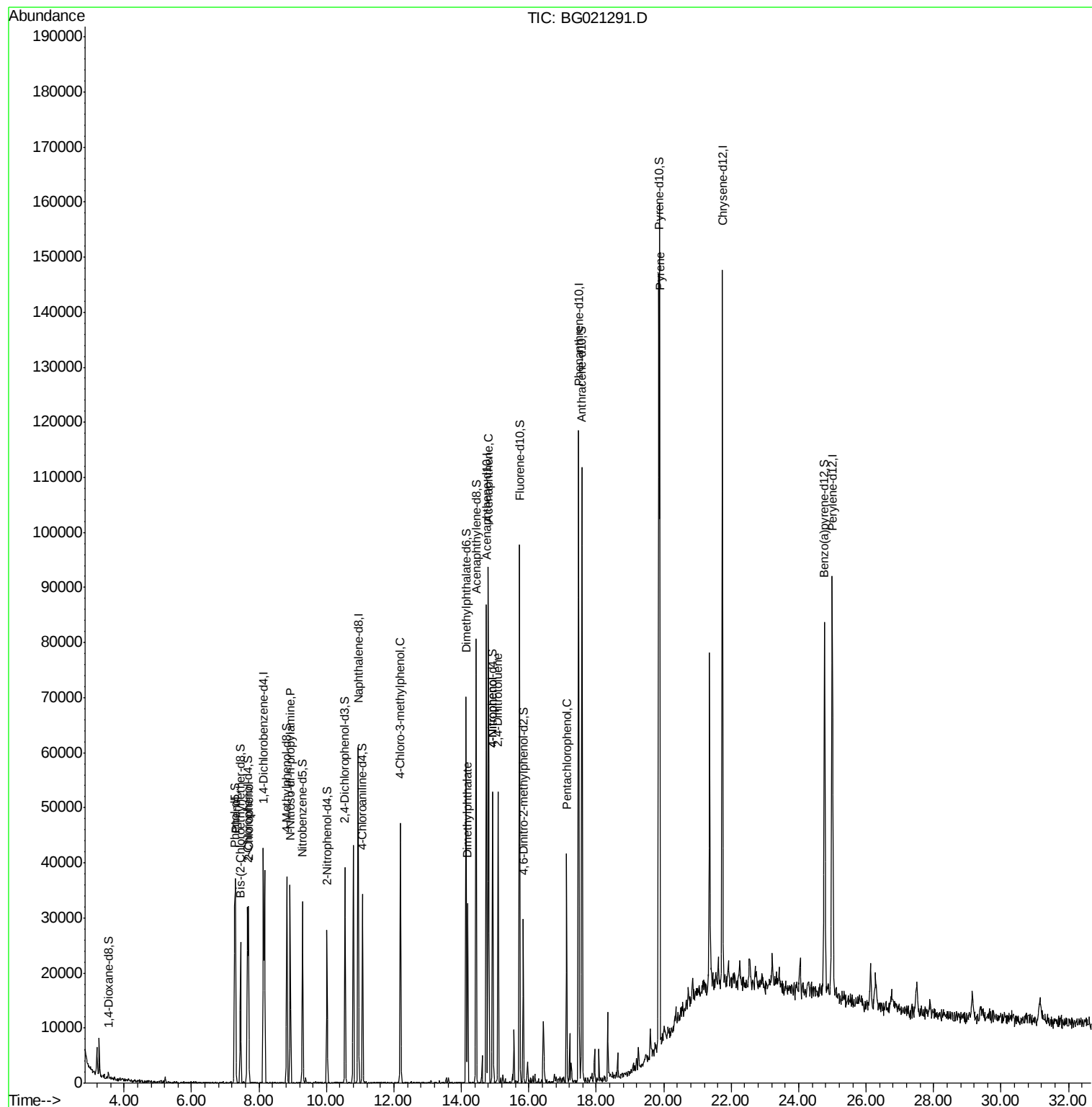
						Qvalue
6) Phenol	7.30	94	18136	15.07	ng/ul	97
10) 2-Chlorophenol	7.69	128	12892	15.39	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.93	70	14680	15.90	ng/ul#	93
33) 4-Chloro-3-methylphenol	12.19	107	16322	15.31	ng/ul	97
45) Dimethylphthalate	14.18	163	18585	7.16	ng/ul#	99
50) Acenaphthene	14.80	153	37005	17.33	ng/ul	97
53) 4-Nitrophenol	14.93	109	7792	13.70	ng/ul	88
55) 2,4-Dinitrotoluene	15.09	165	12933	16.44	ng/ul	96
69) Pentachlorophenol	17.12	266	6071	12.13	ng/ul#	87
80) Pyrene	19.88	202	85550	17.58	ng/ul#	97

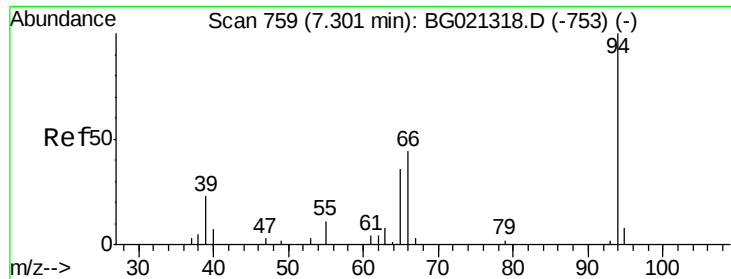
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 15.07 ng/ul

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG021291.D

Acq: 5 Mar 2016 4:50

Instrument :

BNA_G

ClientSampleId :

JHFIH1MS

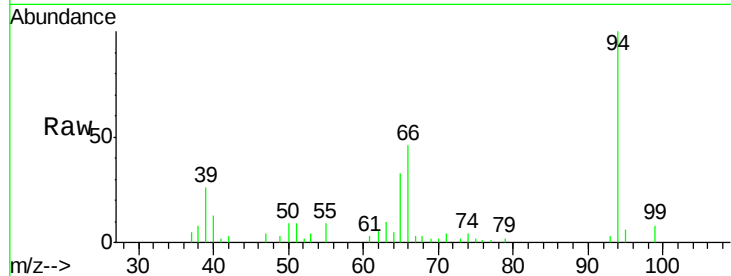
Tgt Ion: 94 Resp: 18136

Ion Ratio Lower Upper

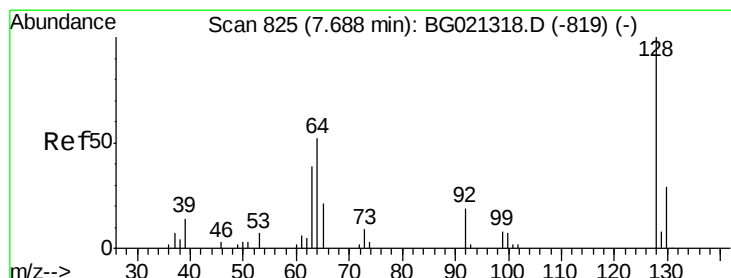
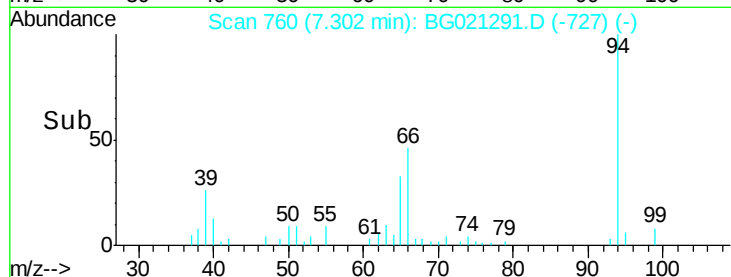
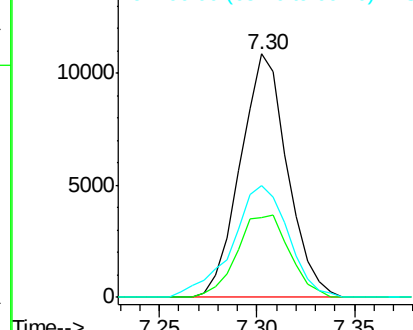
94 100

65 32.7 28.6 42.8

66 45.7 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: 15.39 ng/ul

RT: 7.69 min Scan# 826

Delta R.T. 0.00 min

Lab File: BG021291.D

Acq: 5 Mar 2016 4:50

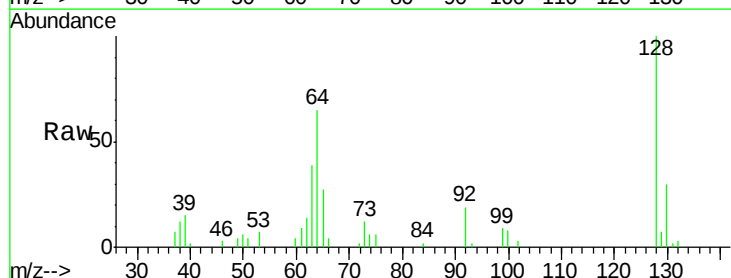
Tgt Ion: 128 Resp: 12892

Ion Ratio Lower Upper

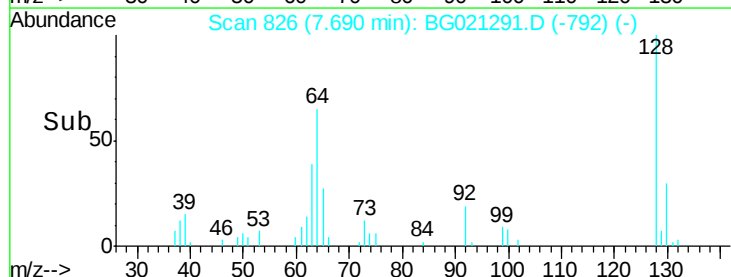
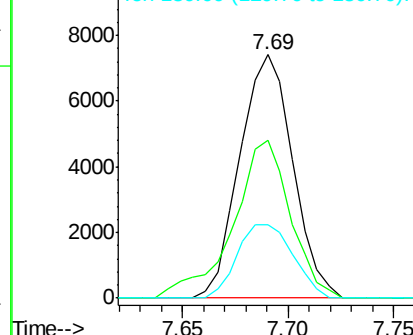
128 100

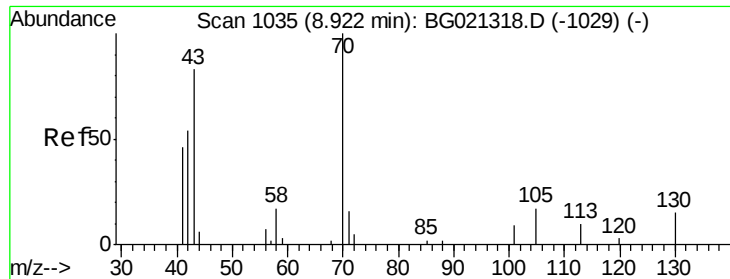
64 64.6 45.4 68.2

130 30.3 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: 15.90 ng/ul

RT: 8.93 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BG021291.D

Acq: 5 Mar 2016 4:50

Instrument :

BNA_G

ClientSampleId :

JHFM1MS

Tgt Ion: 70 Resp: 14680

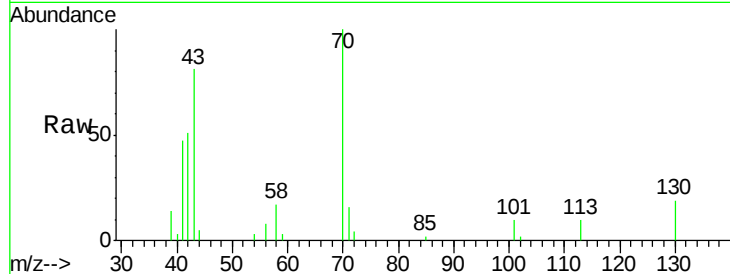
Ion Ratio Lower Upper

70 100

42 51.1 45.7 68.5

101 9.7 5.7 8.5#

130 18.8 15.7 23.5

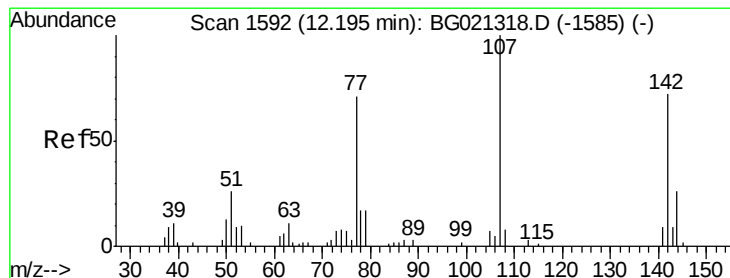
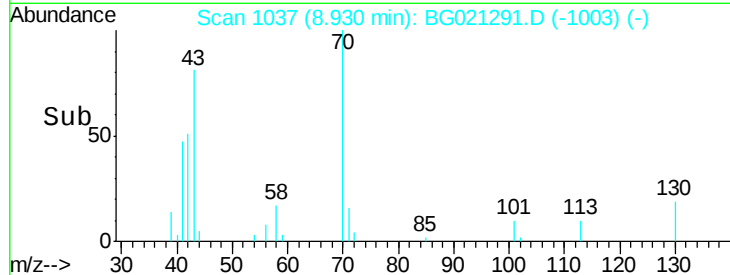
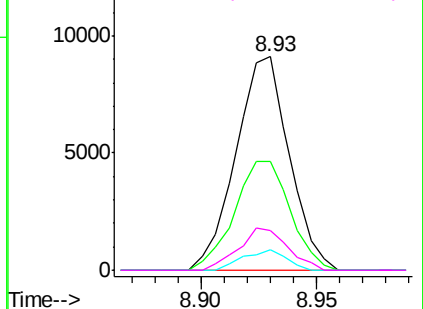


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 15.31 ng/ul

RT: 12.19 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BG021291.D

Acq: 5 Mar 2016 4:50

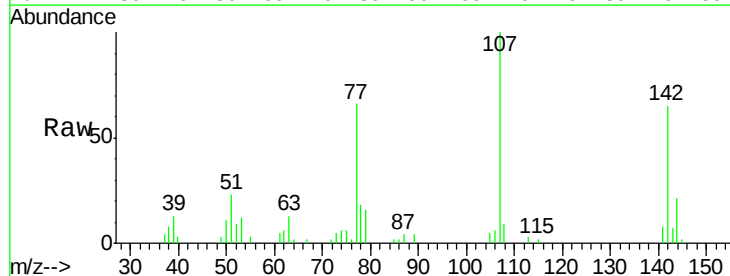
Tgt Ion: 107 Resp: 16322

Ion Ratio Lower Upper

107 100

144 20.8 19.4 29.2

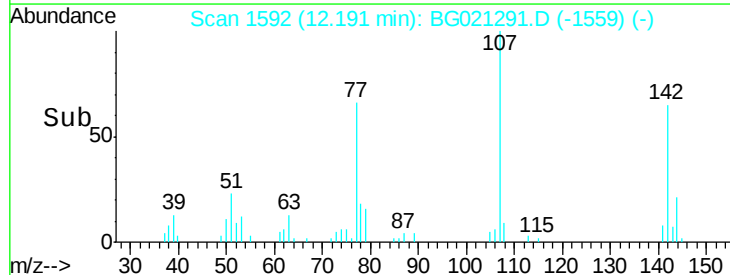
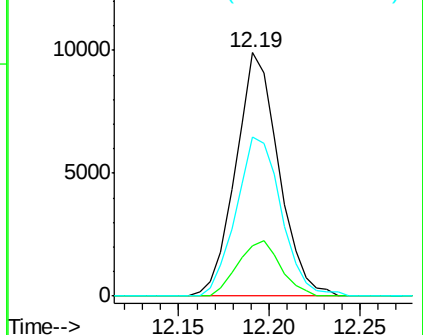
142 65.3 53.0 79.4

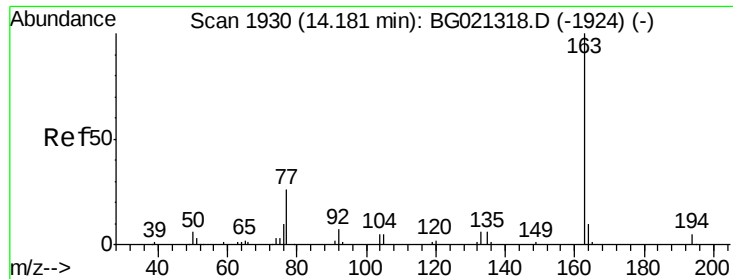


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 144.00 (143.70 to 144.70): BGC

Ion 142.00 (141.70 to 142.70): BGC

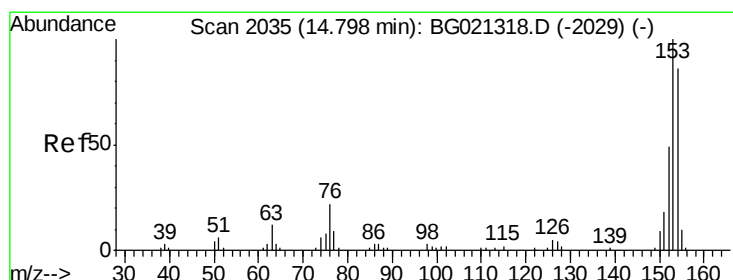
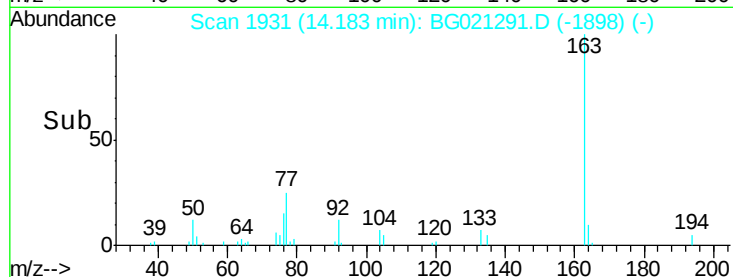
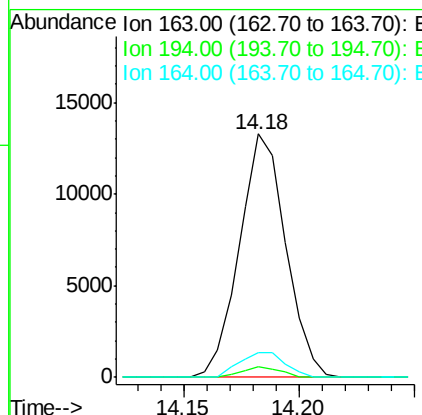
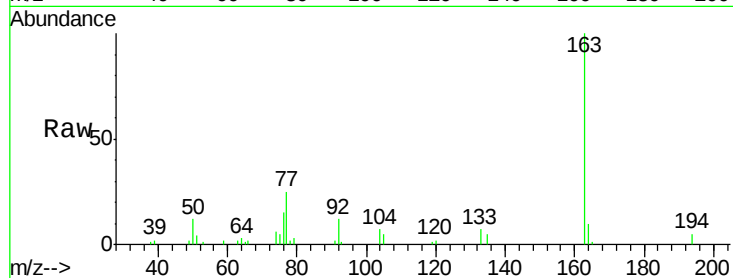




#45
Dimethylphthalate
Concen: 7.16 ng/ul
RT: 14.18 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG021291.D
Acq: 5 Mar 2016 4:50

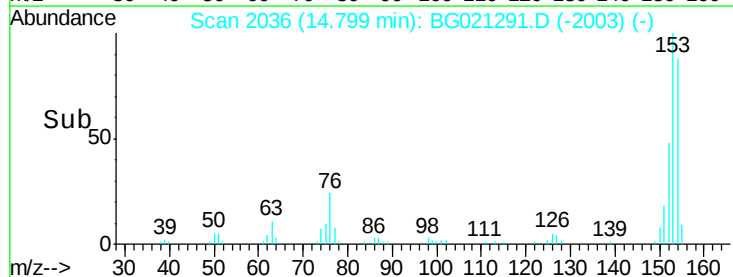
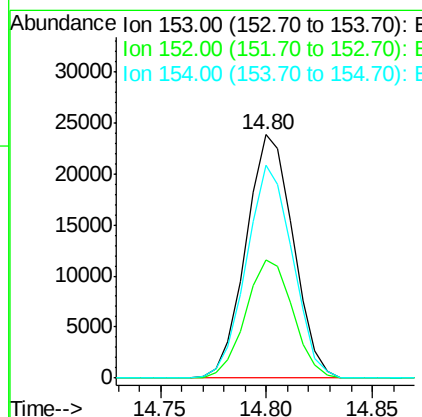
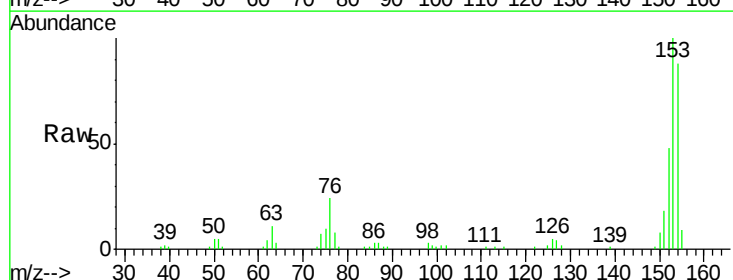
Instrument :
BNA_G
ClientSampleId :
JHFIH1MS

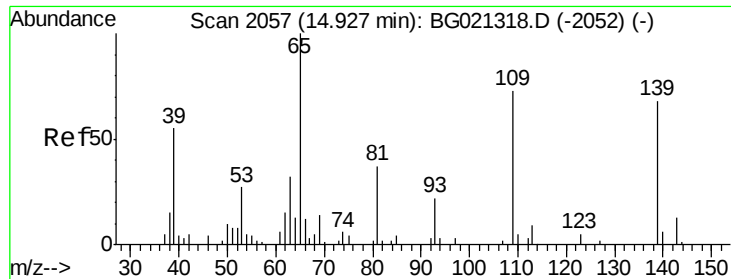
Tgt Ion:163 Resp: 18585
Ion Ratio Lower Upper
163 100
194 4.6 2.8 4.2#
164 10.0 8.2 12.2



#50
Acenaphthene
Concen: 17.33 ng/ul
RT: 14.80 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG021291.D
Acq: 5 Mar 2016 4:50

Tgt Ion:153 Resp: 37005
Ion Ratio Lower Upper
153 100
152 48.4 39.0 58.6
154 87.6 66.8 100.2





#53

4-Nitrophenol

Concen: 13.70 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG021291.D

Acq: 5 Mar 2016 4:50

Instrument :

BNA_G

ClientSampleId :

JHFIH1MS

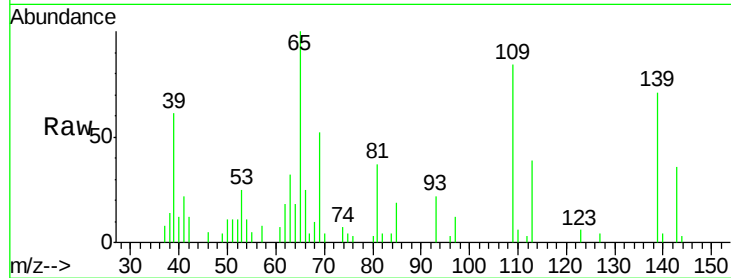
Tgt Ion:109 Resp: 7792

Ion Ratio Lower Upper

109 100

139 84.4 78.2 117.4

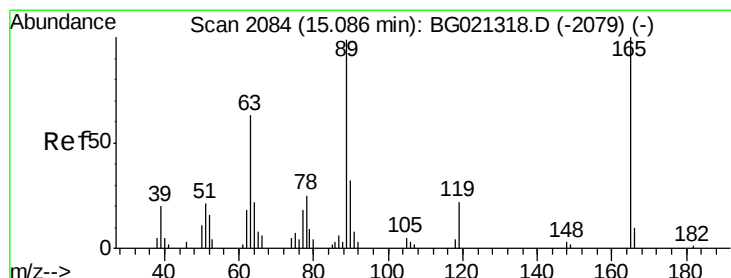
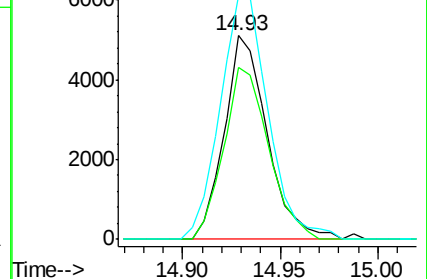
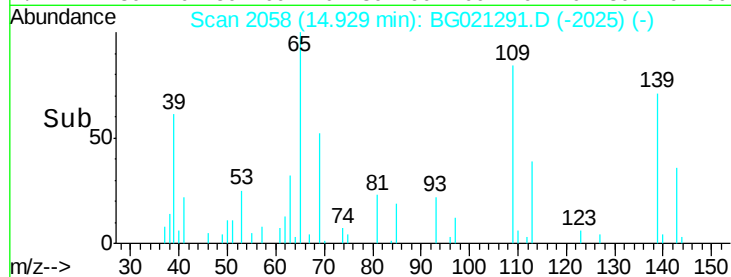
65 119.4 105.3 157.9



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: 16.44 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG021291.D

Acq: 5 Mar 2016 4:50

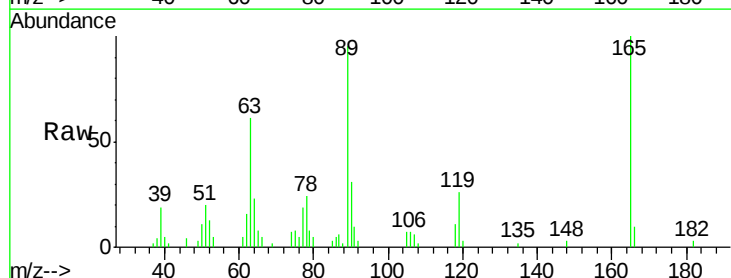
Tgt Ion:165 Resp: 12933

Ion Ratio Lower Upper

165 100

63 60.6 45.8 68.6

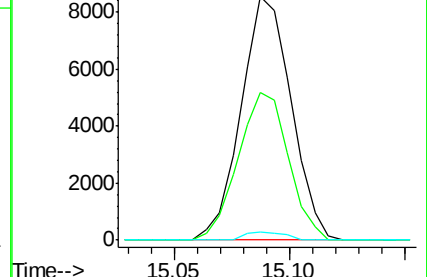
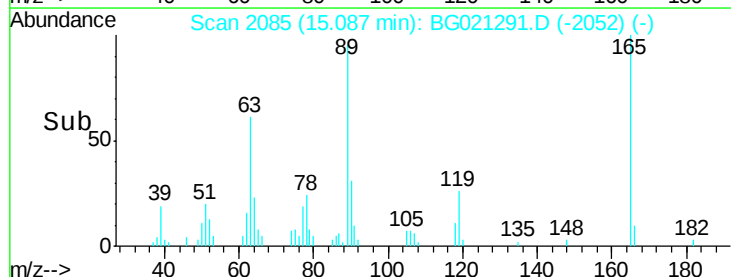
182 3.2 2.5 3.7

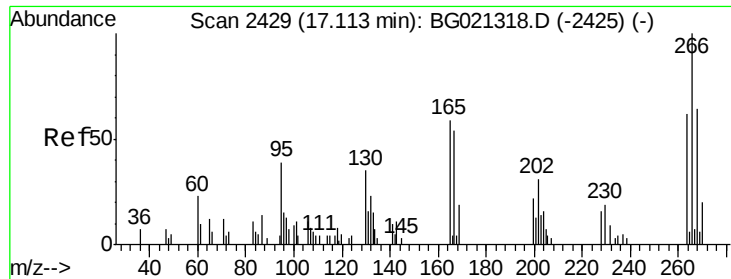


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

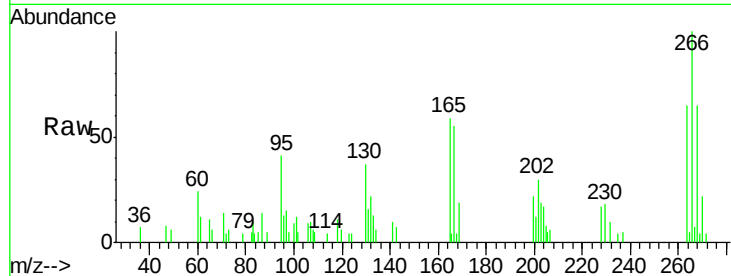




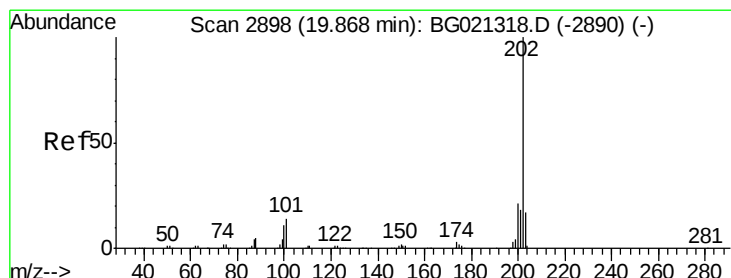
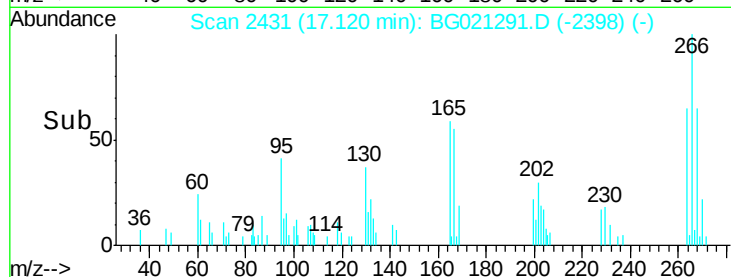
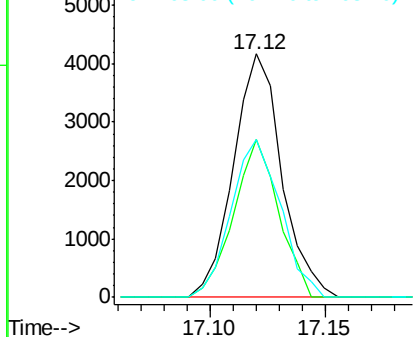
#69
 Pentachlorophenol
 Concen: 12.13 ng/ul
 RT: 17.12 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BG021291.D
 Acq: 5 Mar 2016 4:50

Instrument :
 BNA_G
 ClientSampled :
 JHFIH1MS

Tgt Ion:266 Resp: 6071
 Ion Ratio Lower Upper
 266 100
 264 69.3 45.3 67.9#
 268 64.8 58.0 87.0

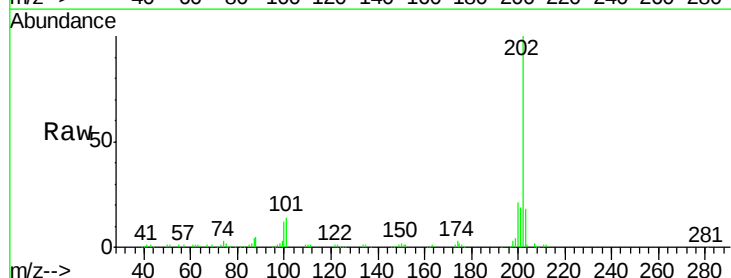


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 17.58 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG021291.D
 Acq: 5 Mar 2016 4:50

Tgt Ion:202 Resp: 85550
 Ion Ratio Lower Upper
 202 100
 101 13.9 11.0 16.4
 100 12.4 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

