

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
 Data File : BG021301.D
 Acq On : 5 Mar 2016 12:00
 Operator : UM/SJ
 Sample : H1665-05MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H0087MSD

Quant Time: Mar 07 03:14:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 07 03:13:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	9263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	45079	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	27462	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	63836	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	69386	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	64191	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	212	0.93	ng/uL	0.00
5) Phenol-d5	7.27	99	5366	5.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	19957	30.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	16897	24.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	10937	14.12	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	11589	31.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	12315	31.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	19461	27.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	956	1.08	ng/ul	0.01
44) Dimethylphthalate-d6	14.14	166	73491	31.93	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	94616	33.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	2006	4.47	ng/ul	0.00
58) Fluorene-d10	15.72	176	65413	32.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	12430	27.13	ng/ul	0.00
71) Anthracene-d10	17.57	188	104103	32.79	ng/ul	0.00
79) Pyrene-d10	19.84	212	115121	32.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	111398	32.15	ng/ul	0.00

Target Compounds

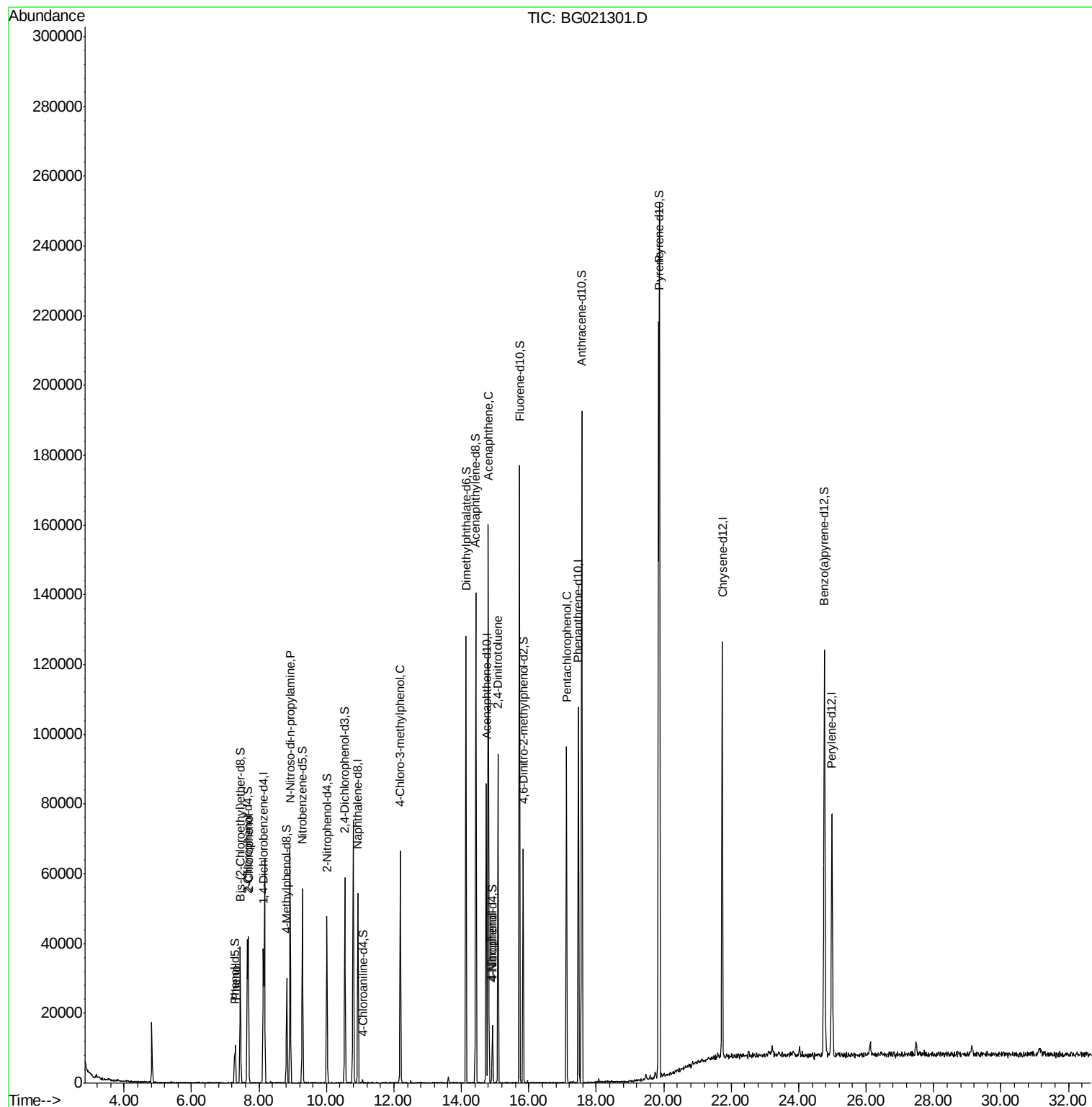
						Qvalue
6) Phenol	7.30	94	5976	5.65	ng/ul	95
10) 2-Chlorophenol	7.69	128	16906	22.95	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.93	70	26169	32.23	ng/ul#	95
33) 4-Chloro-3-methylphenol	12.19	107	23881	24.59	ng/ul#	96
50) Acenaphthene	14.80	153	63711	31.30	ng/ul	95
53) 4-Nitrophenol	14.93	109	2722	5.02	ng/ul	91
55) 2,4-Dinitrotoluene	15.09	165	22790	30.37	ng/ul	97
69) Pentachlorophenol	17.12	266	13377	27.83	ng/ul	93
80) Pyrene	19.88	202	146951	31.60	ng/ul	98

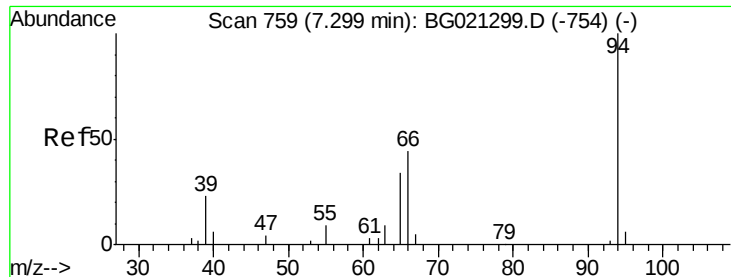
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.65 ng/ul

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021301.D

Acq: 5 Mar 2016 12:00

Instrument :

BNA_G

ClientSampleId :

H0087MSD

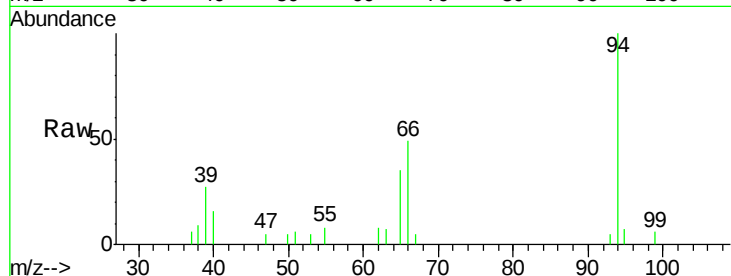
Tgt Ion: 94 Resp: 5976

Ion Ratio Lower Upper

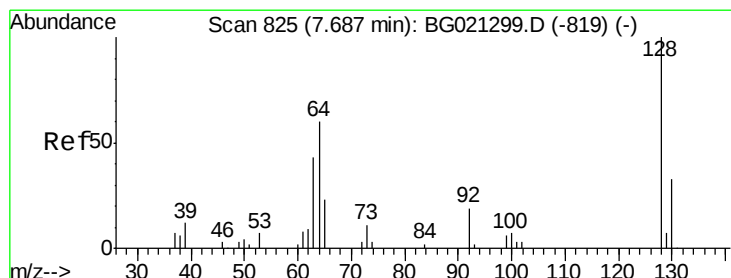
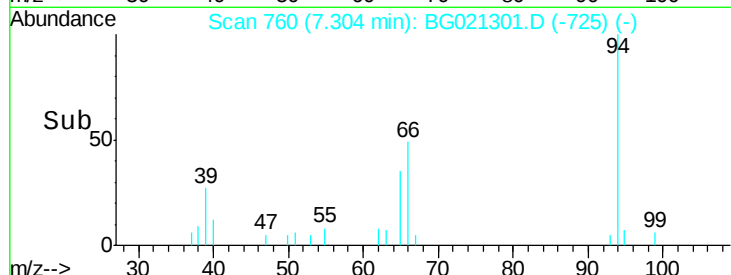
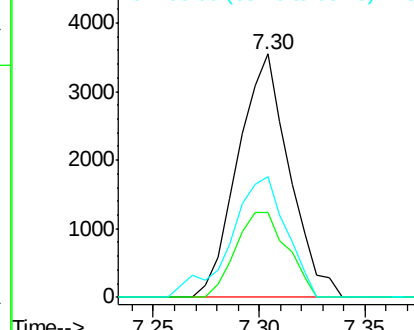
94 100

65 34.8 28.6 42.8

66 49.4 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: 22.95 ng/ul

RT: 7.69 min Scan# 826

Delta R.T. 0.00 min

Lab File: BG021301.D

Acq: 5 Mar 2016 12:00

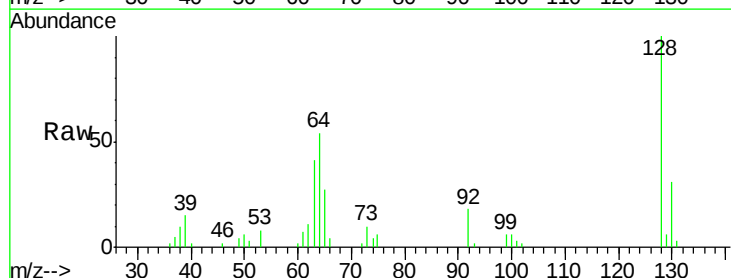
Tgt Ion: 128 Resp: 16906

Ion Ratio Lower Upper

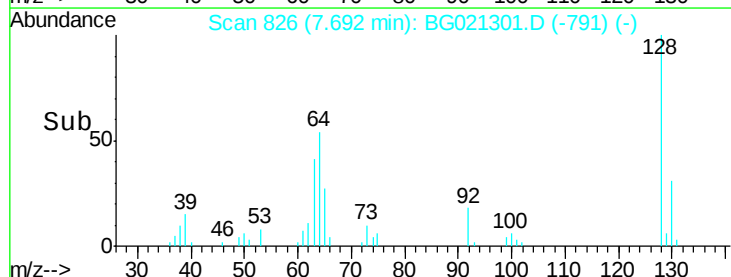
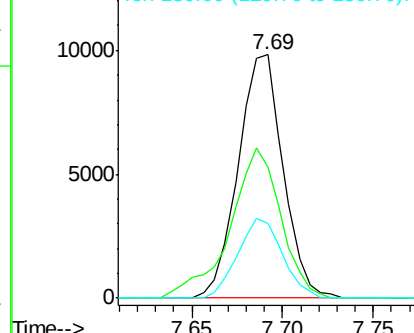
128 100

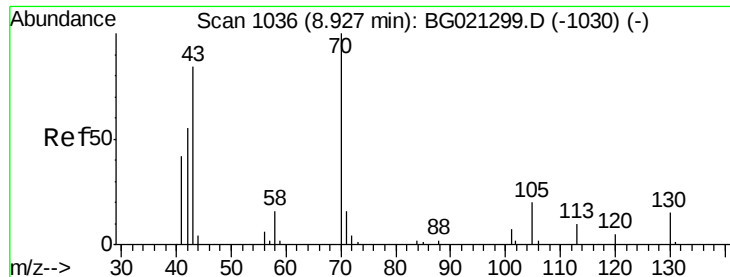
64 53.8 45.4 68.2

130 30.6 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

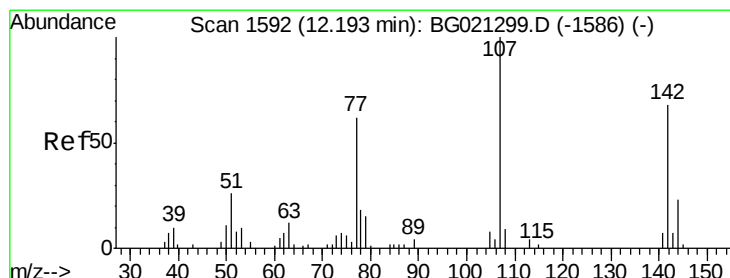
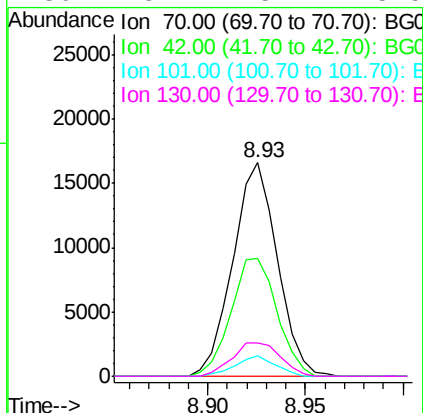
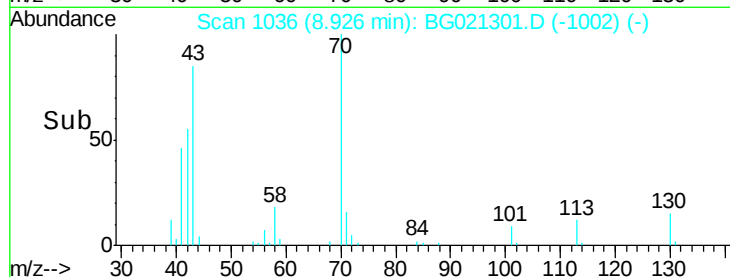
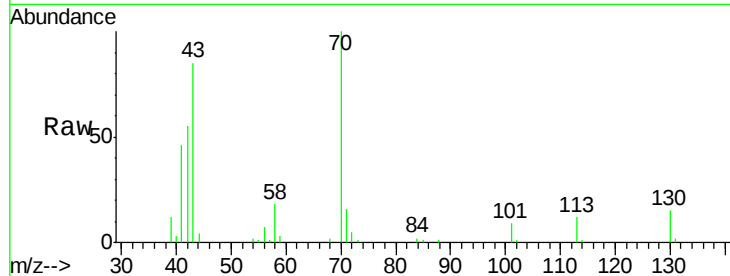




#15
N-Nitroso-di-n-propylamine
Concen: 32.23 ng/ul
RT: 8.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG021301.D
Acq: 5 Mar 2016 12:00

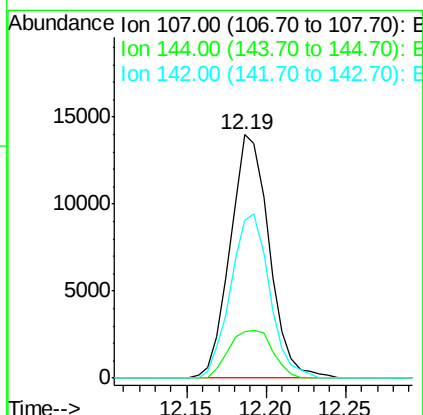
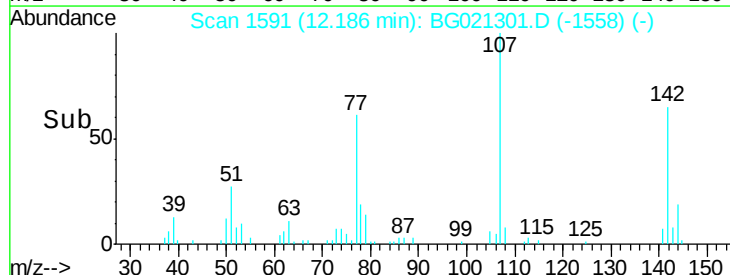
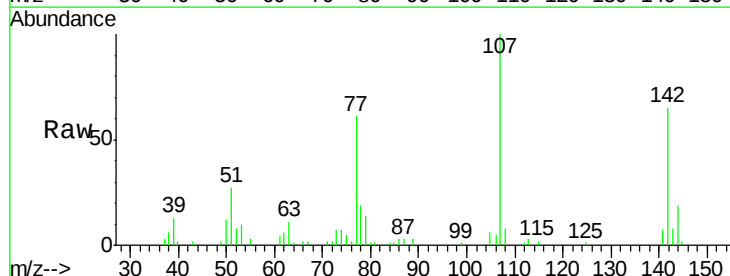
Instrument :
BNA_G
ClientSampleId :
H0087MSD

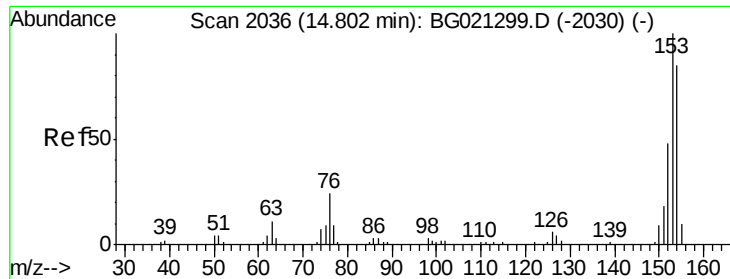
Tgt Ion: 70 Resp: 26169
Ion Ratio Lower Upper
70 100
42 54.9 45.7 68.5
101 9.4 5.7 8.5#
130 15.4 15.7 23.5#



#33
4-Chloro-3-methylphenol
Concen: 24.59 ng/ul
RT: 12.19 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG021301.D
Acq: 5 Mar 2016 12:00

Tgt Ion: 107 Resp: 23881
Ion Ratio Lower Upper
107 100
144 18.9 19.4 29.2#
142 65.0 53.0 79.4





#50

Acenaphthene

Concen: 31.30 ng/ul

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG021301.D

Acq: 5 Mar 2016 12:00

Instrument :

BNA_G

ClientSampleId :

H0087MSD

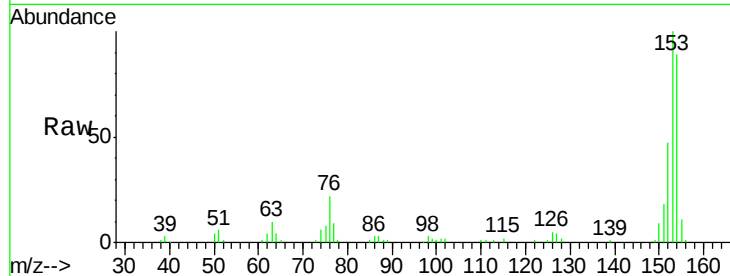
Tgt Ion:153 Resp: 63711

Ion Ratio Lower Upper

153 100

152 46.6 39.0 58.6

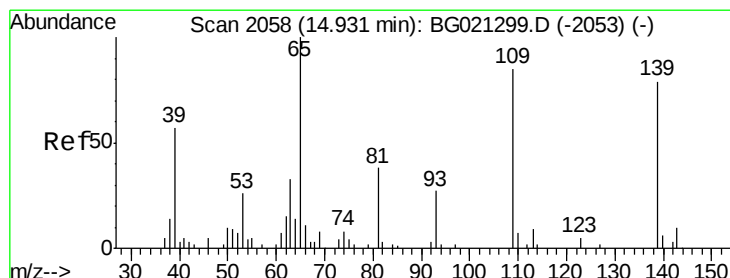
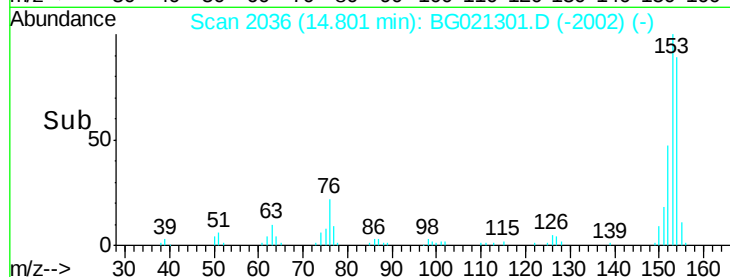
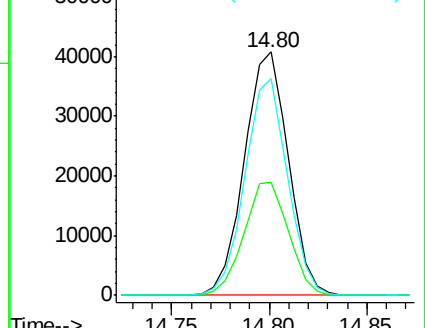
154 89.2 66.8 100.2



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



#53

4-Nitrophenol

Concen: 5.02 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG021301.D

Acq: 5 Mar 2016 12:00

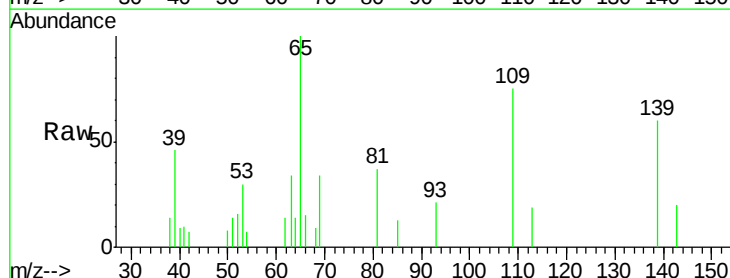
Tgt Ion:109 Resp: 2722

Ion Ratio Lower Upper

109 100

139 79.8 78.2 117.4

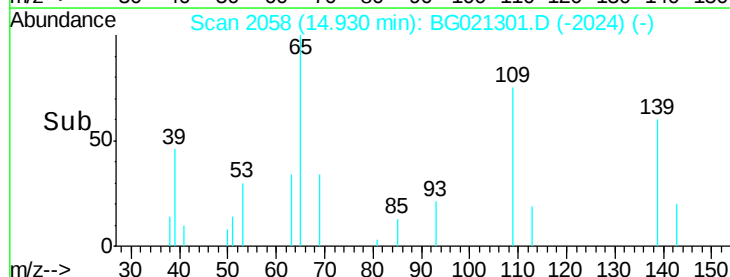
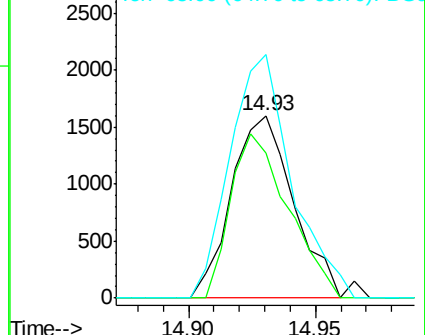
65 133.6 105.3 157.9

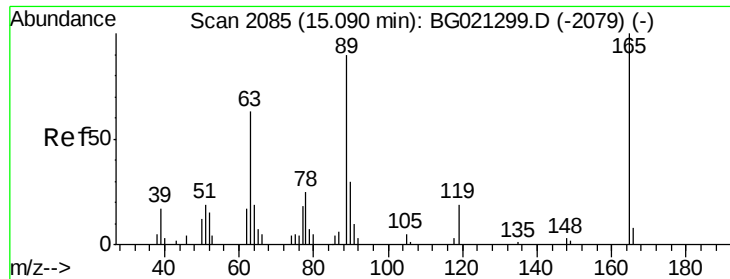


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

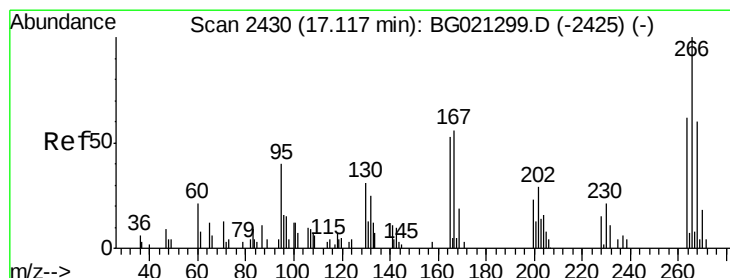
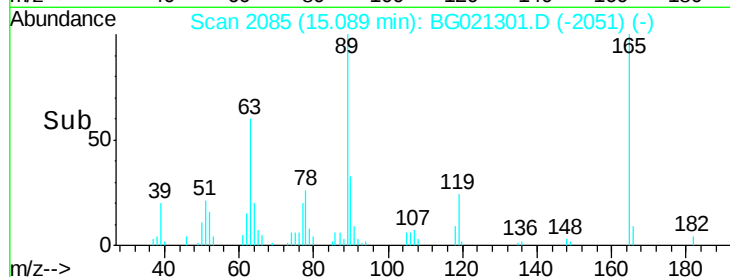
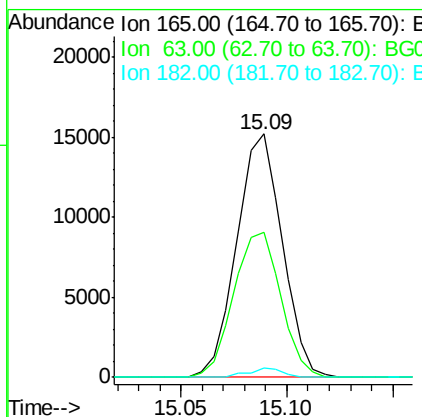
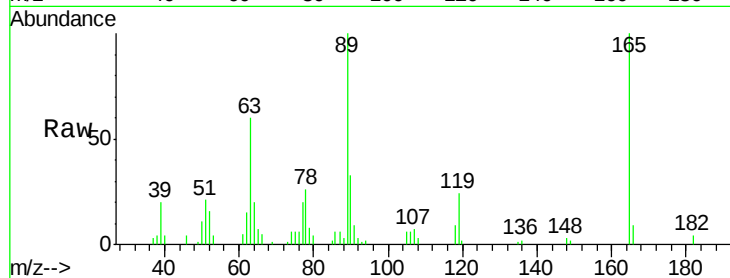




#55
 2,4-Dinitrotoluene
 Concen: 30.37 ng/ul
 RT: 15.09 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG021301.D
 Acq: 5 Mar 2016 12:00

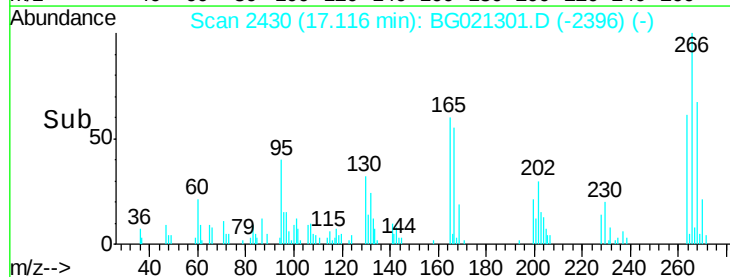
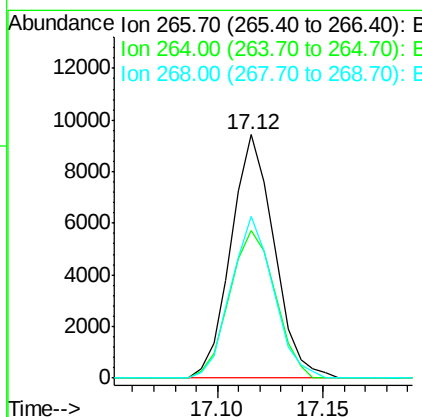
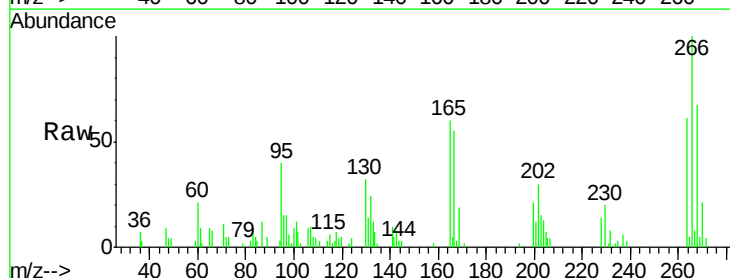
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 BNA_G
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 H0087MSD

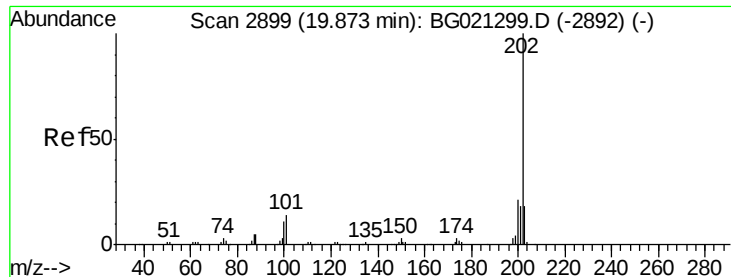
Tgt Ion:165 Resp: 22790
 Ion Ratio Lower Upper
 165 100
 63 59.8 45.8 68.6
 182 3.7 2.5 3.7



#69
 Pentachlorophenol
 Concen: 27.83 ng/ul
 RT: 17.12 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG021301.D
 Acq: 5 Mar 2016 12:00

Tgt Ion:266 Resp: 13377
 Ion Ratio Lower Upper
 266 100
 264 66.2 45.3 67.9
 268 71.3 58.0 87.0

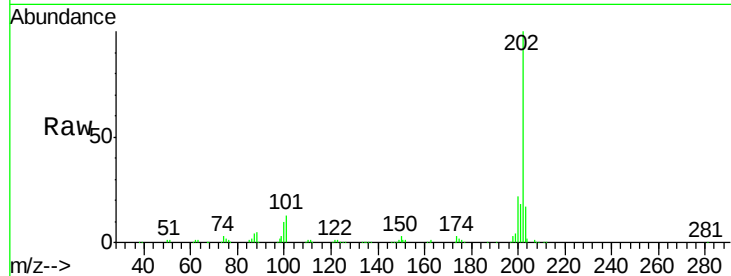




#80
 Pyrene
 Concen: 31.60 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BG021301.D
 Acq: 5 Mar 2016 12:00

Instrument :
 BNA_G
 ClientSampleId :
 H0087MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.0	16.4
100	10.4	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

