

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
 Data File : BG021336.D
 Acq On : 7 Mar 2016 12:45
 Operator : UM/SJ
 Sample : H1625-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHFF0MSD

Quant Time: Mar 07 23:58:13 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	8.12	152	9772	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	46975	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	27438	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	64750	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	70509	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	65408	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1381	5.74	ng/uL	0.00
5) Phenol-d5	7.27	99	30397	29.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	22326	32.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	22200	30.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	23628	28.91	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	11987	31.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	12315	30.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	21231	29.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	33636	36.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	79205	34.45	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	98481	34.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	14935	33.32	ng/ul	0.00
58) Fluorene-d10	15.72	176	70263	34.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	13460	28.97	ng/ul	0.00
71) Anthracene-d10	17.57	188	114857	35.67	ng/ul	0.00
79) Pyrene-d10	19.85	212	130879	36.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	125264	35.48	ng/ul	0.00

Target Compounds

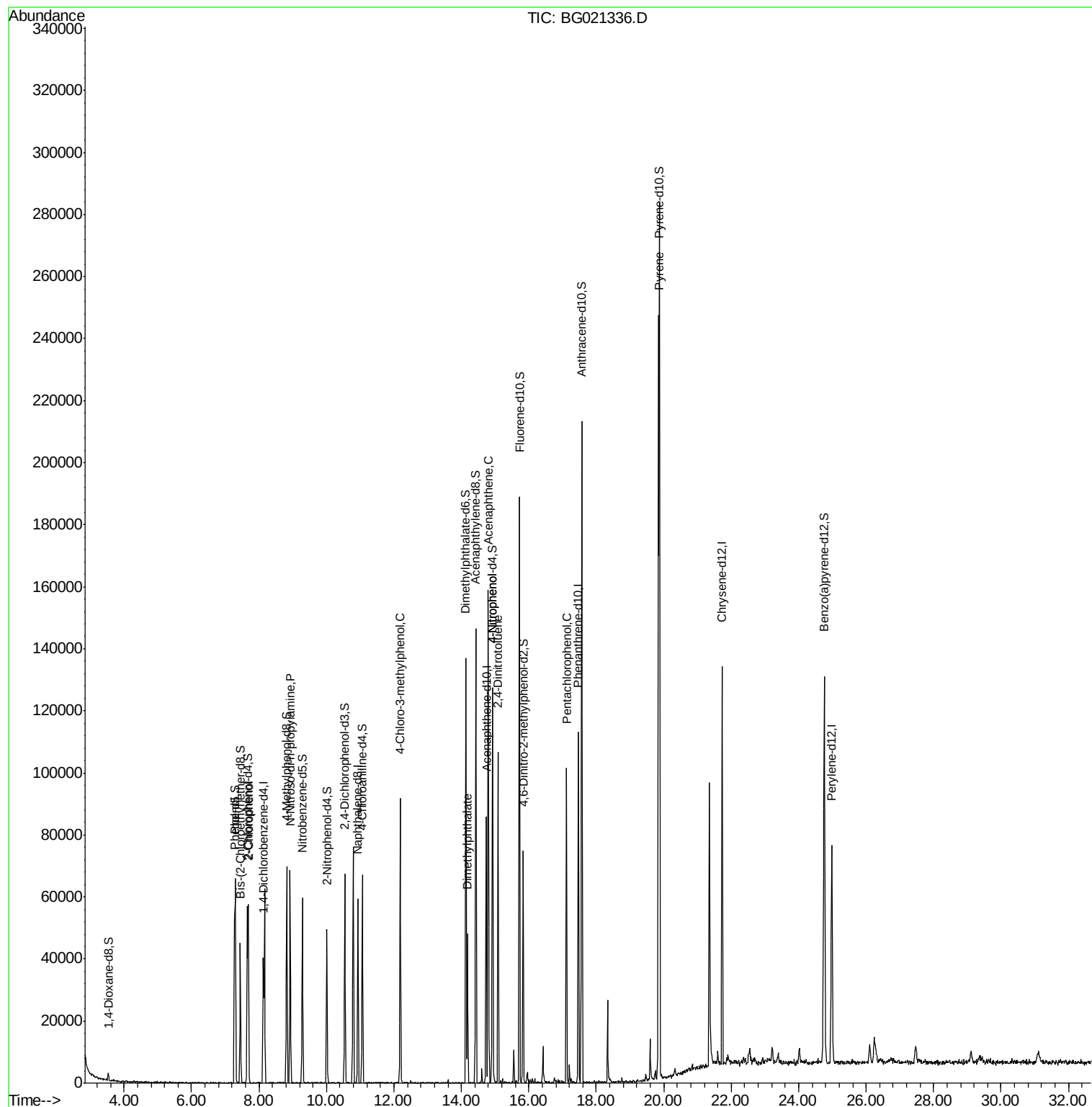
						Qvalue
6) Phenol	7.30	94	30247	27.10	ng/ul	90
10) 2-Chlorophenol	7.68	128	21885	28.16	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.92	70	26126	30.50	ng/ul#	95
33) 4-Chloro-3-methylphenol	12.19	107	30215	29.86	ng/ul	97
45) Dimethylphthalate	14.18	163	27315	11.04	ng/ul	98
50) Acenaphthene	14.79	153	63532	31.24	ng/ul	98
53) 4-Nitrophenol	14.93	109	17481	32.25	ng/ul	94
55) 2,4-Dinitrotoluene	15.09	165	23723	31.64	ng/ul	90
69) Pentachlorophenol	17.12	266	14184	29.10	ng/ul	90
80) Pyrene	19.87	202	159169	33.69	ng/ul	97

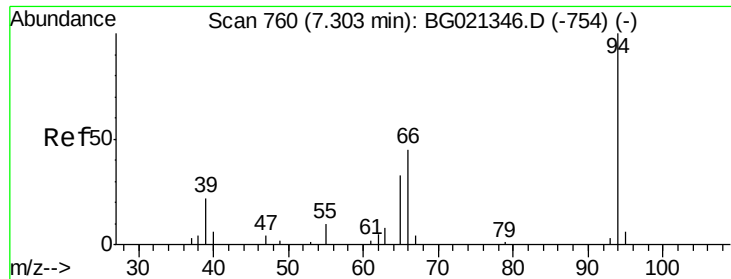
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 27.10 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG021336.D

Acq: 7 Mar 2016 12:45

Instrument :

BNA_G

ClientSampleId :

JHFF0MSD

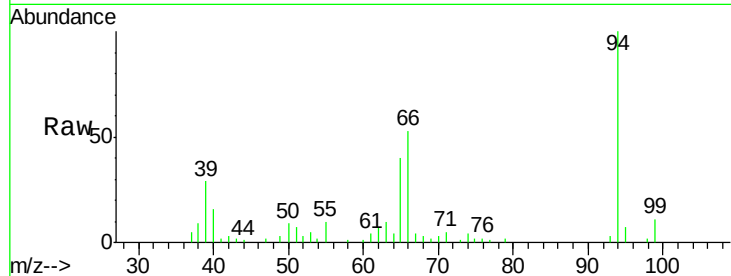
Tgt Ion: 94 Resp: 30247

Ion Ratio Lower Upper

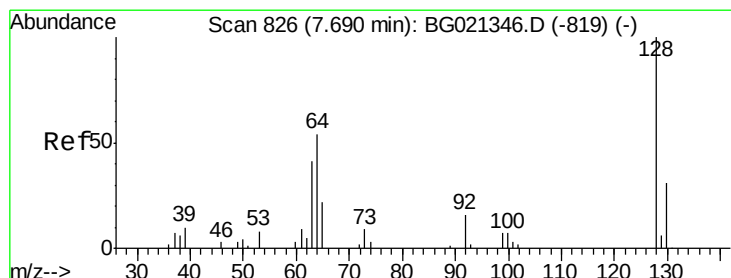
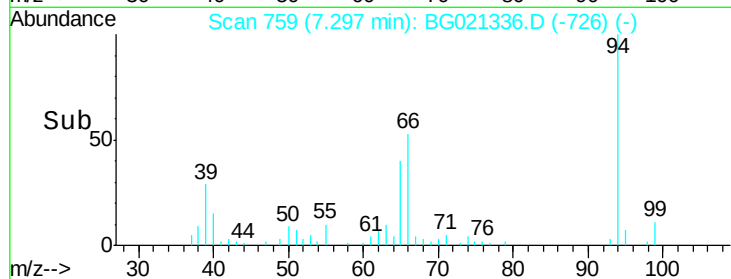
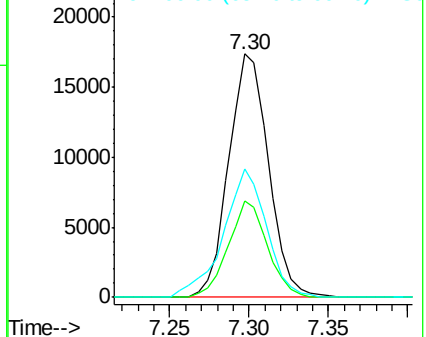
94 100

65 39.5 28.6 42.8

66 52.6 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: 28.16 ng/ul

RT: 7.68 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG021336.D

Acq: 7 Mar 2016 12:45

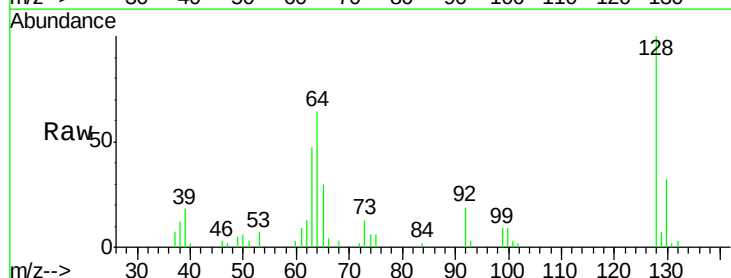
Tgt Ion:128 Resp: 21885

Ion Ratio Lower Upper

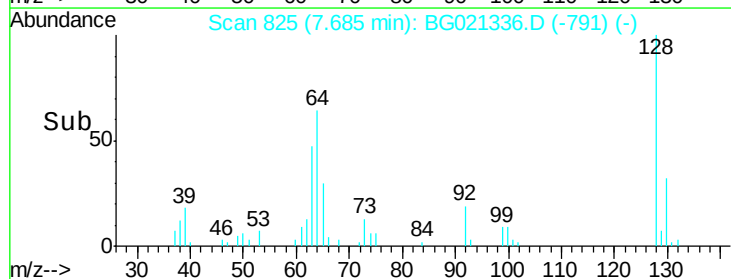
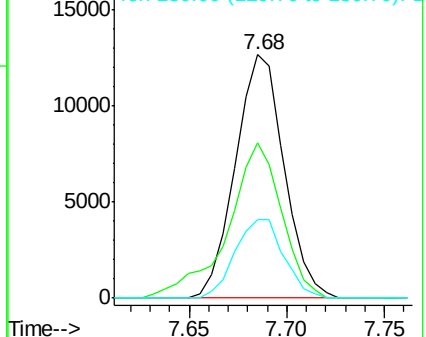
128 100

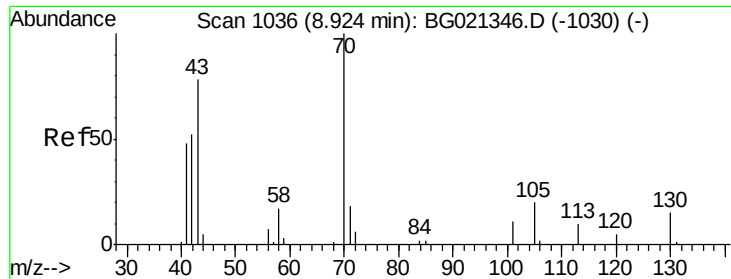
64 63.7 45.4 68.2

130 32.4 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

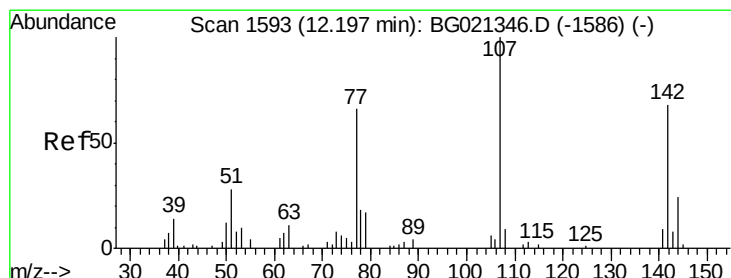
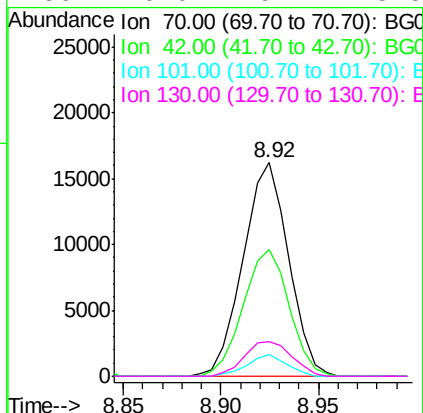
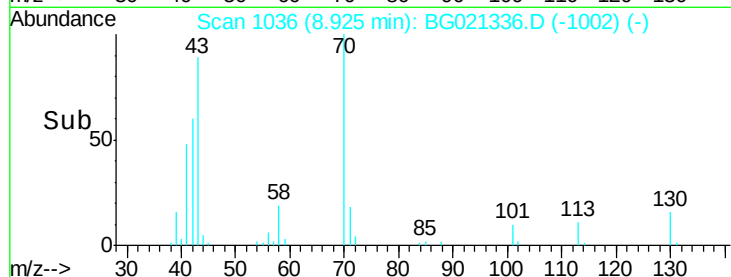
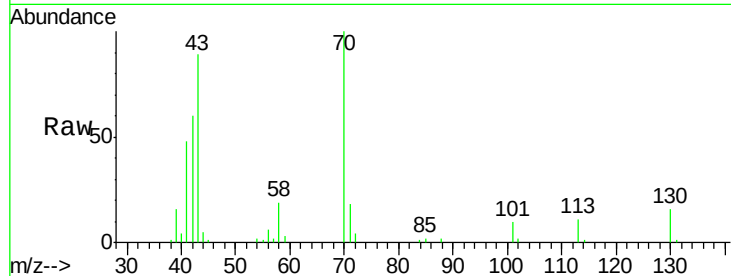




#15
N-Nitroso-di-n-propylamine
Concen: 30.50 ng/ul
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG021336.D
Acq: 7 Mar 2016 12:45

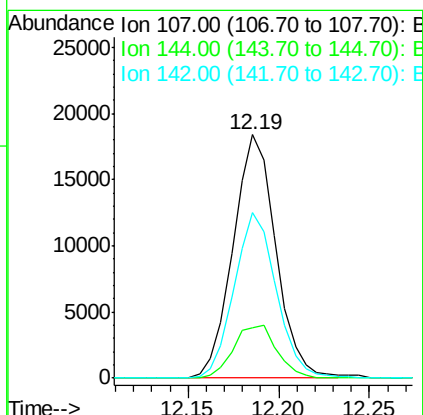
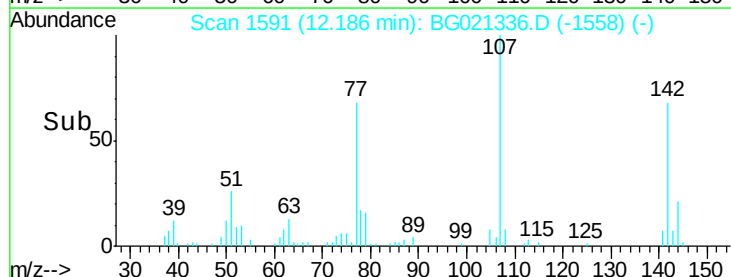
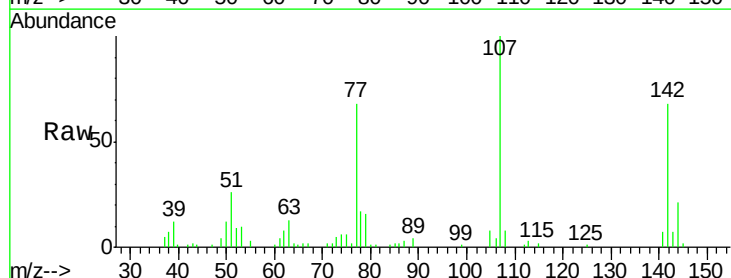
Instrument :
BNA_G
ClientSampleId :
JHFF0MSD

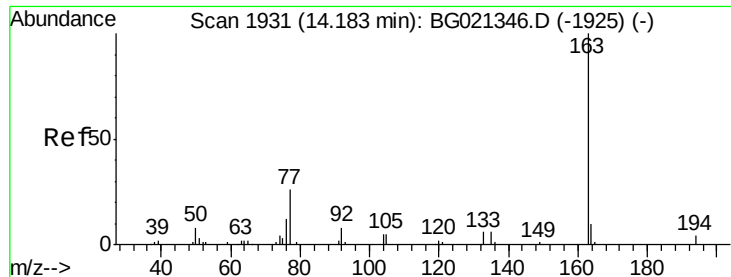
Tgt Ion: 70 Resp: 26126
Ion Ratio Lower Upper
70 100
42 59.6 45.7 68.5
101 9.9 5.7 8.5#
130 16.0 15.7 23.5



#33
4-Chloro-3-methylphenol
Concen: 29.86 ng/ul
RT: 12.19 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG021336.D
Acq: 7 Mar 2016 12:45

Tgt Ion: 107 Resp: 30215
Ion Ratio Lower Upper
107 100
144 20.6 19.4 29.2
142 67.8 53.0 79.4

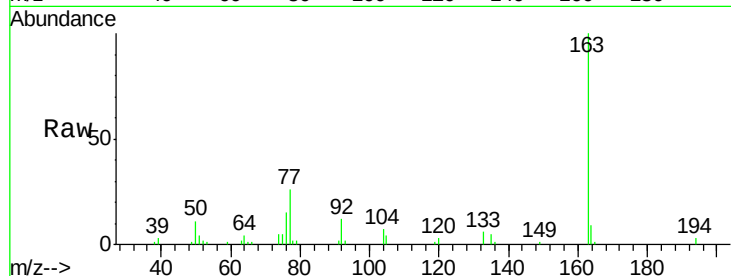




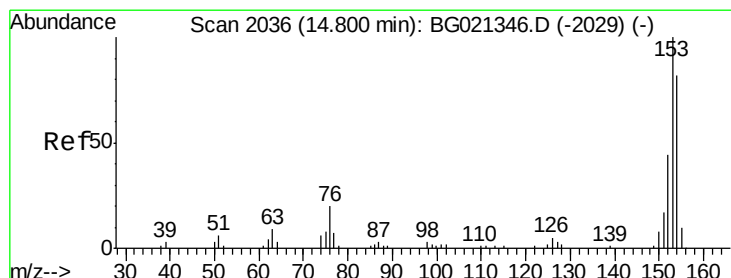
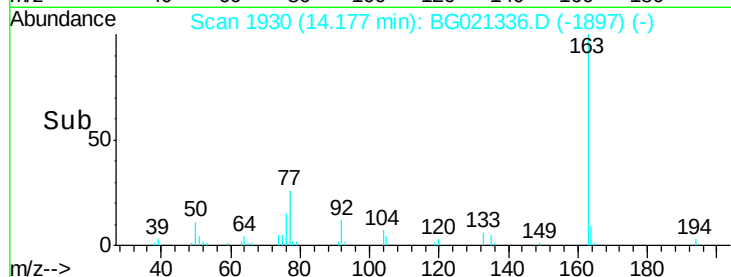
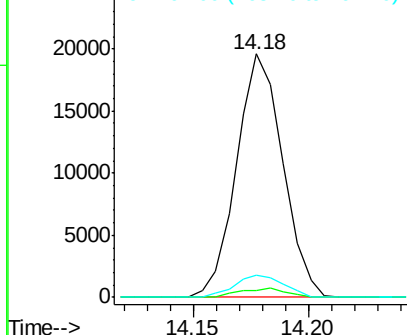
#45
Dimethylphthalate
Concen: 11.04 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG021336.D
Acq: 7 Mar 2016 12:45

Instrument :
BNA_G
ClientSampleId :
JHFF0MSD

Tgt Ion:163 Resp: 27315
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 9.2 8.2 12.2

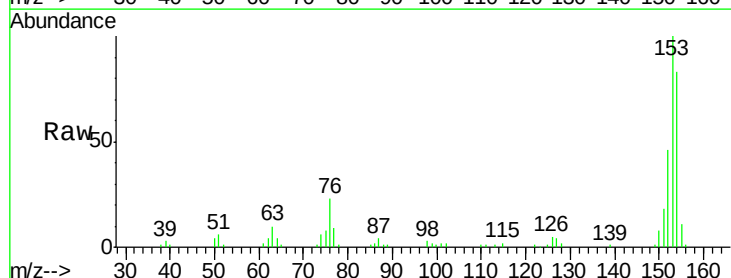


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

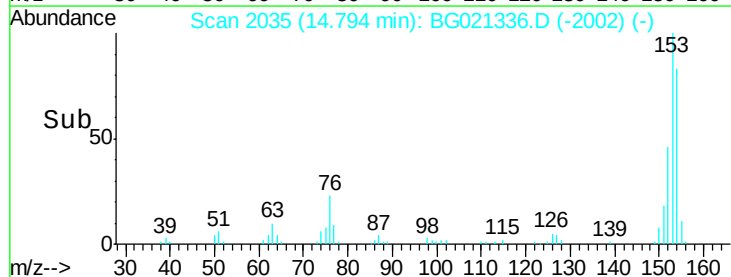
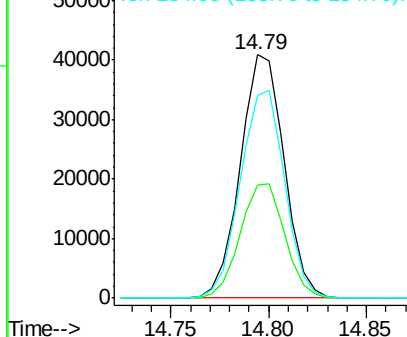


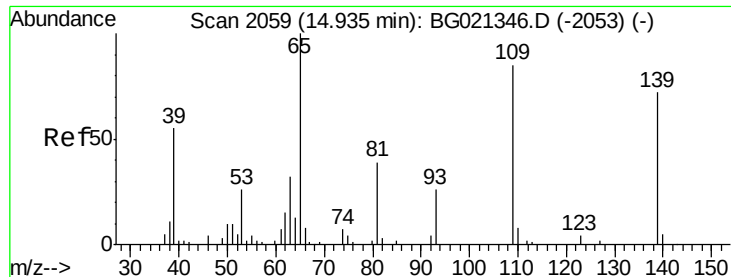
#50
Acenaphthene
Concen: 31.24 ng/ul
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG021336.D
Acq: 7 Mar 2016 12:45

Tgt Ion:153 Resp: 63532
Ion Ratio Lower Upper
153 100
152 46.2 39.0 58.6
154 83.2 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: 32.25 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG021336.D

Acq: 7 Mar 2016 12:45

Instrument :

BNA_G

ClientSampleId :

JHFF0MSD

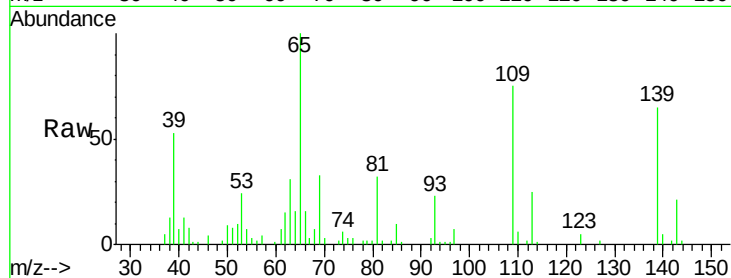
Tgt Ion:109 Resp: 17481

Ion Ratio Lower Upper

109 100

139 86.8 78.2 117.4

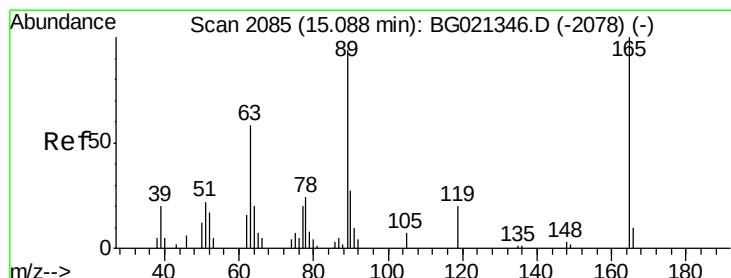
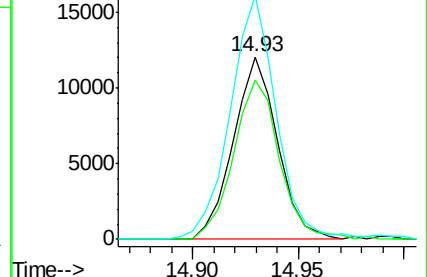
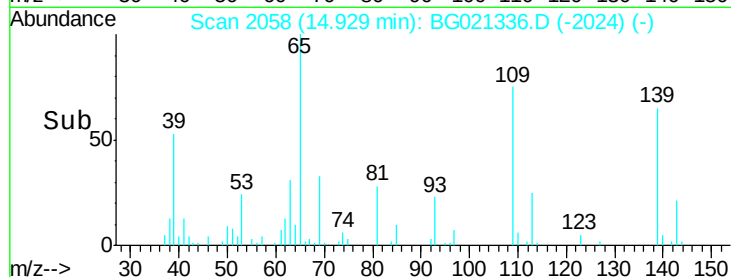
65 133.2 105.3 157.9



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: 31.64 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG021336.D

Acq: 7 Mar 2016 12:45

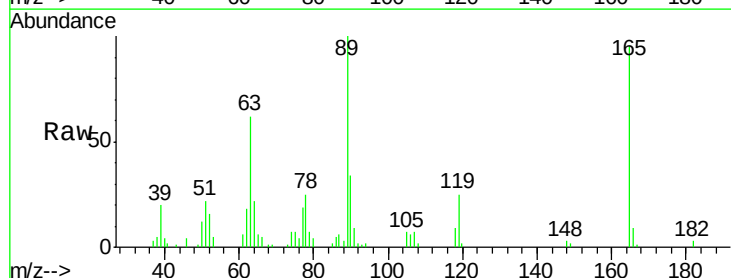
Tgt Ion:165 Resp: 23723

Ion Ratio Lower Upper

165 100

63 65.0 45.8 68.6

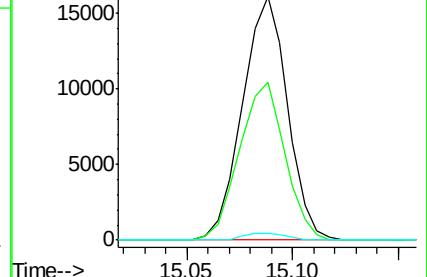
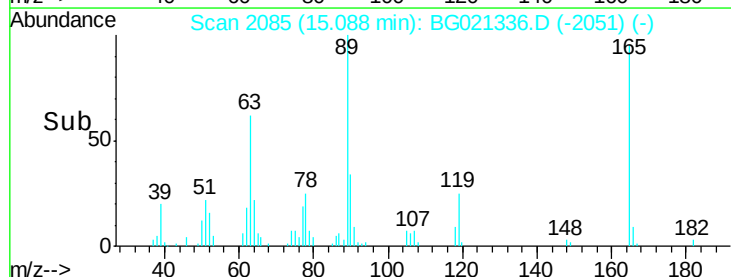
182 2.7 2.5 3.7

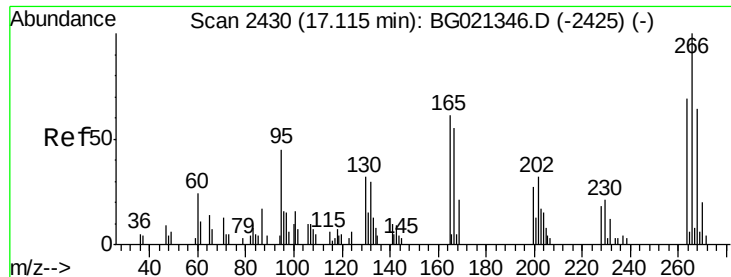


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 29.10 ng/ul

RT: 17.12 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG021336.D

Acq: 7 Mar 2016 12:45

Instrument :

BNA_G

ClientSampleId :

JHFF0MSD

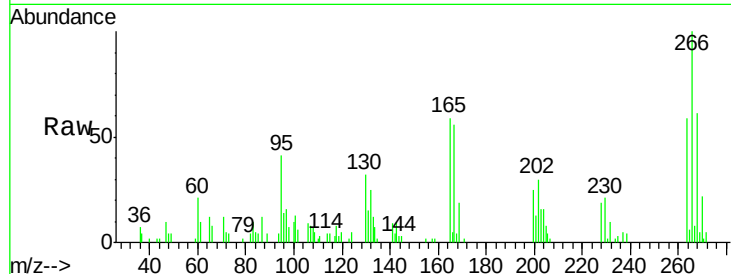
Tgt Ion:266 Resp: 14184

Ion Ratio Lower Upper

266 100

264 65.6 45.3 67.9

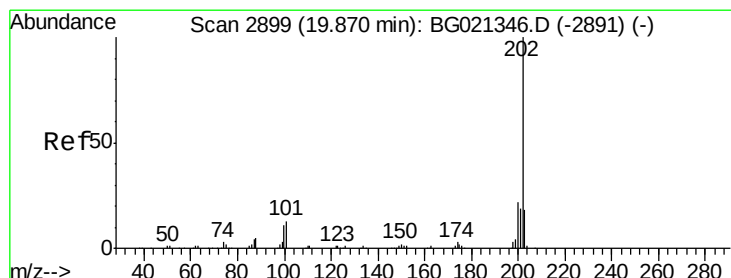
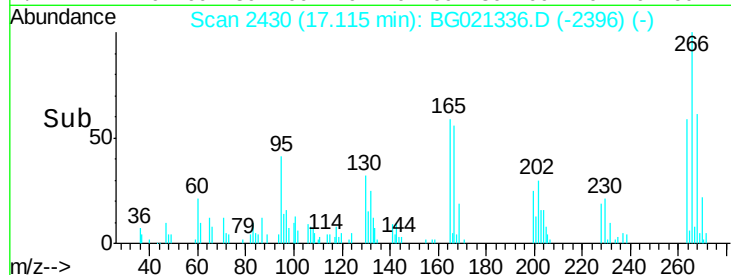
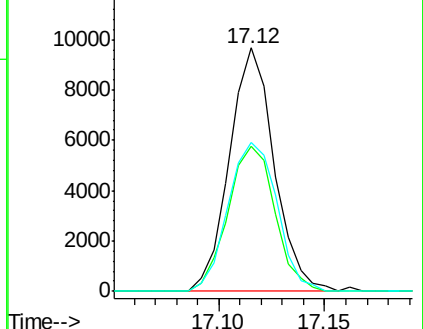
268 66.3 58.0 87.0



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: 33.69 ng/ul

RT: 19.87 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG021336.D

Acq: 7 Mar 2016 12:45

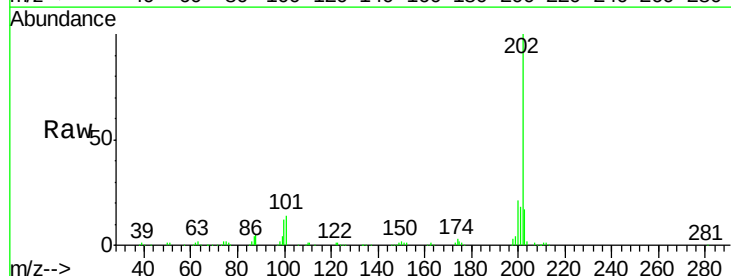
Tgt Ion:202 Resp: 159169

Ion Ratio Lower Upper

202 100

101 14.2 11.0 16.4

100 11.9 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

