

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
 Data File : BG021300.D
 Acq On : 5 Mar 2016 11:21
 Operator : UM/SJ
 Sample : H1665-04MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H0087MS

Quant Time: Mar 07 03:14:31 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	11381	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	51637	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	31702	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	75512	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	80310	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	74291	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	228	0.81	ng/uL	0.00
5) Phenol-d5	7.27	99	6628	5.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	24364	30.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	19868	23.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	13455	14.14	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	14295	34.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	14483	32.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	22855	28.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	1304	1.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	87201	32.82	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	112012	33.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	2917	5.63	ng/ul	0.00
58) Fluorene-d10	15.72	176	80167	34.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	15376	28.37	ng/ul	0.00
71) Anthracene-d10	17.57	188	129310	34.43	ng/ul	0.00
79) Pyrene-d10	19.84	212	142886	35.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	137244	34.22	ng/ul	0.00

Target Compounds

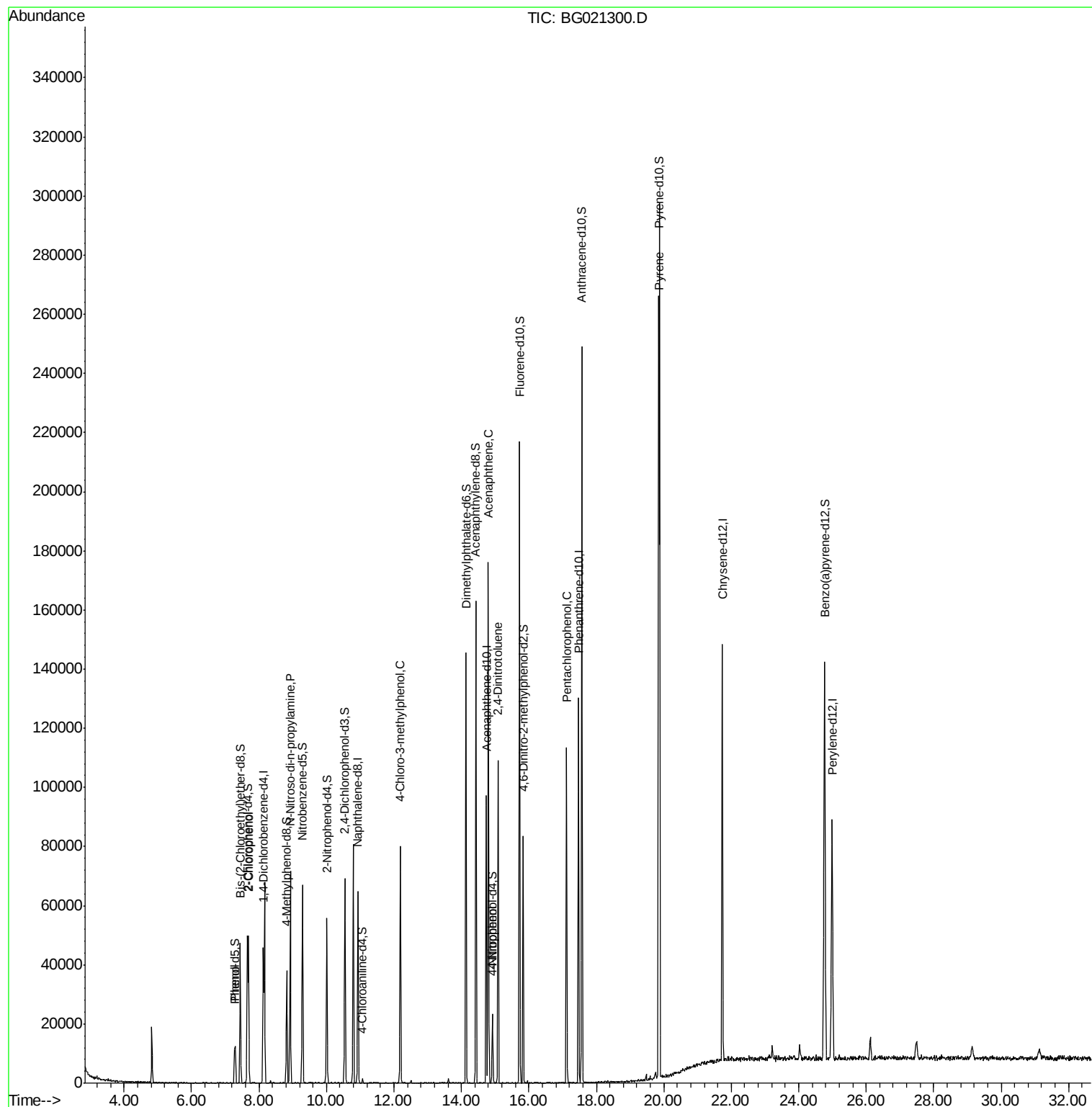
						Qvalue
6) Phenol	7.30	94	7264	5.59	ng/ul	96
10) 2-Chlorophenol	7.69	128	19194	21.20	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.93	70	28149	28.22	ng/ul	99
33) 4-Chloro-3-methylphenol	12.19	107	27630	24.84	ng/ul	99
50) Acenaphthene	14.80	153	71976	30.63	ng/ul	97
53) 4-Nitrophenol	14.93	109	3525	5.63	ng/ul	93
55) 2,4-Dinitrotoluene	15.08	165	25704	29.67	ng/ul	92
69) Pentachlorophenol	17.12	266	16087	28.30	ng/ul#	90
80) Pyrene	19.87	202	171266	31.82	ng/ul	96

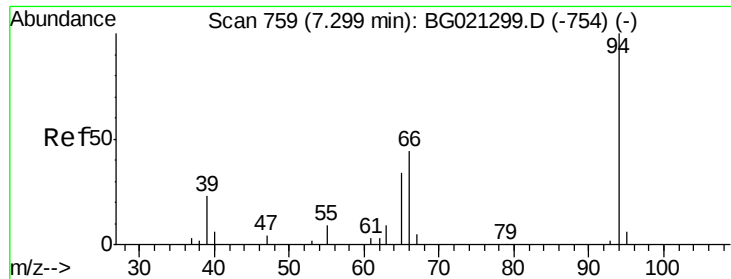
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021300.D
Acq On : 5 Mar 2016 11:21
Operator : UM/SJ
Sample : H1665-04MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
H0087MS

Quant Time: Mar 07 03:14:31 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





#6

Phenol

Concen: 5.59 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG021300.D

Acq: 5 Mar 2016 11:21

Instrument :

BNA_G

ClientSampleId :

H0087MS

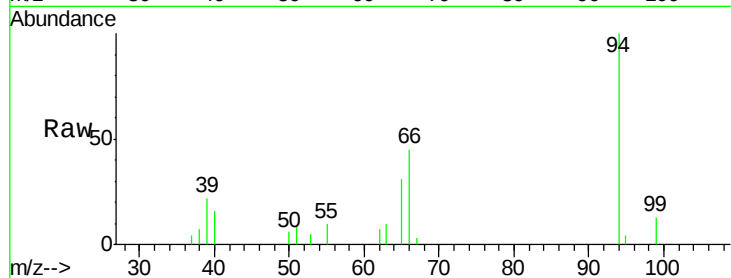
Tgt Ion: 94 Resp: 7264

Ion Ratio Lower Upper

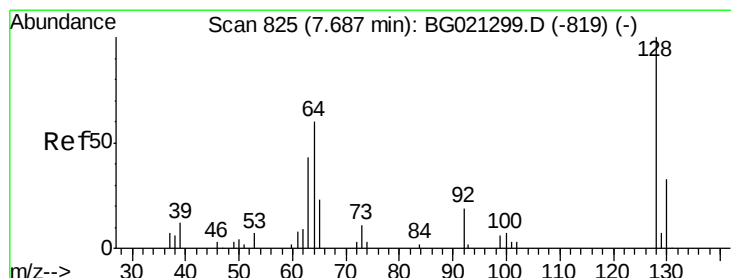
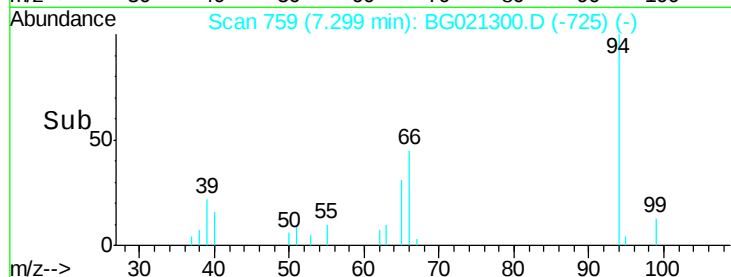
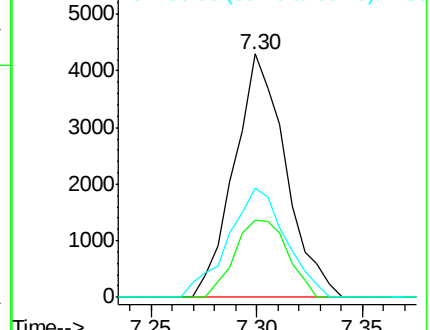
94 100

65 31.5 28.6 42.8

66 45.1 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: 21.20 ng/ul

RT: 7.69 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG021300.D

Acq: 5 Mar 2016 11:21

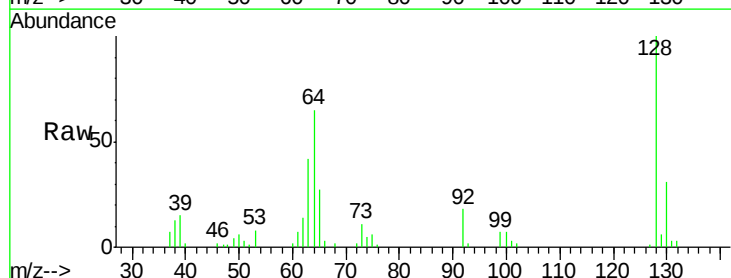
Tgt Ion: 128 Resp: 19194

Ion Ratio Lower Upper

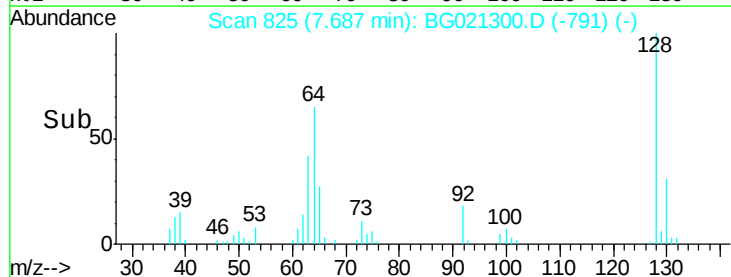
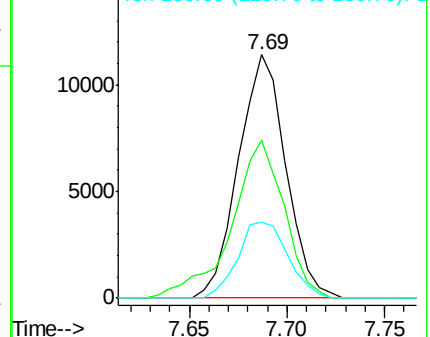
128 100

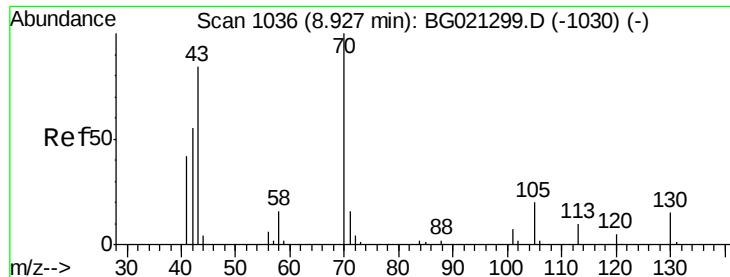
64 64.9 45.4 68.2

130 31.0 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: 28.22 ng/ul

RT: 8.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG021300.D

Acq: 5 Mar 2016 11:21

Instrument :

BNA_G

ClientSampleId :

H0087MS

Tgt Ion: 70 Resp: 28149

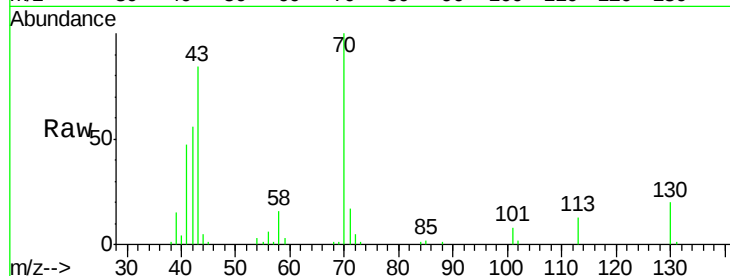
Ion Ratio Lower Upper

70 100

42 56.3 45.7 68.5

101 8.2 5.7 8.5

130 19.5 15.7 23.5

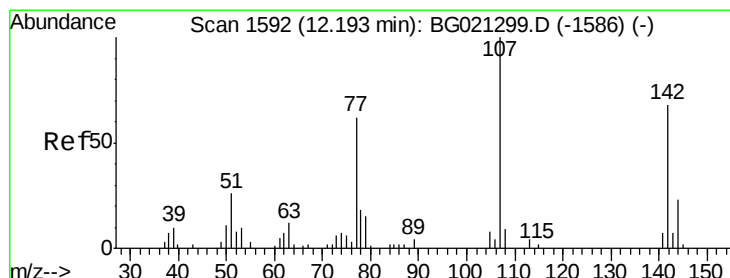
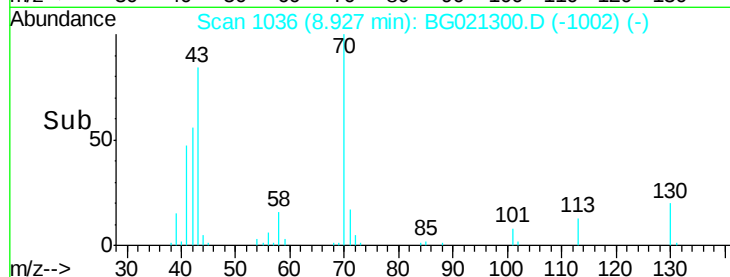
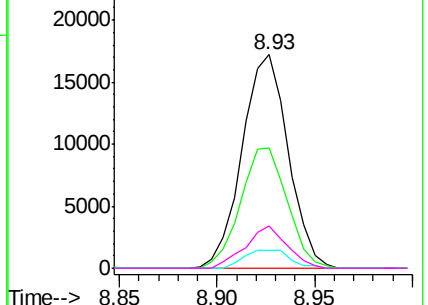


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 24.84 ng/ul

RT: 12.19 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BG021300.D

Acq: 5 Mar 2016 11:21

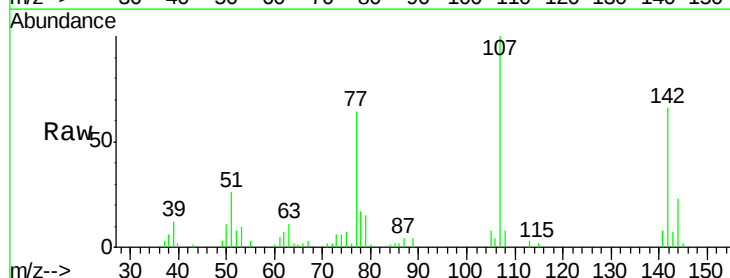
Tgt Ion: 107 Resp: 27630

Ion Ratio Lower Upper

107 100

144 22.9 19.4 29.2

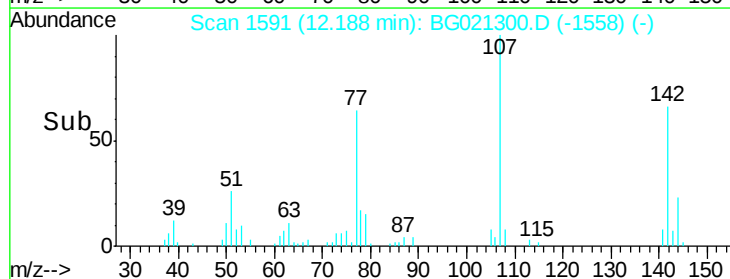
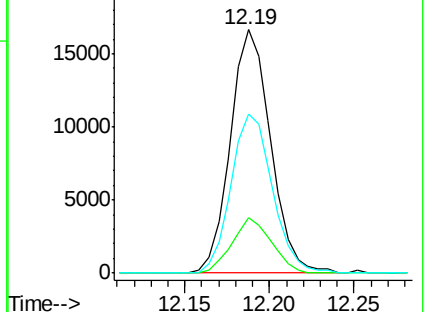
142 65.6 53.0 79.4

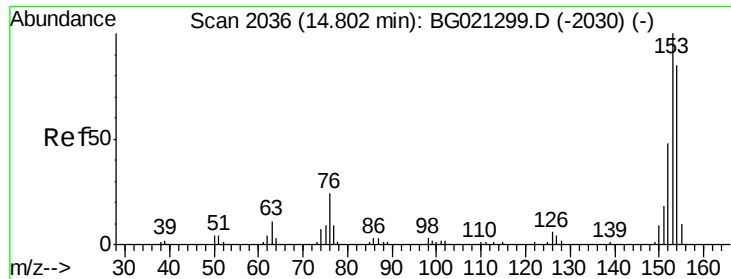


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 144.00 (143.70 to 144.70): BGC

Ion 142.00 (141.70 to 142.70): BGC





#50

Acenaphthene

Concen: 30.63 ng/ul

RT: 14.80 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG021300.D

Acq: 5 Mar 2016 11:21

Instrument :

BNA_G

ClientSampleId :

H0087MS

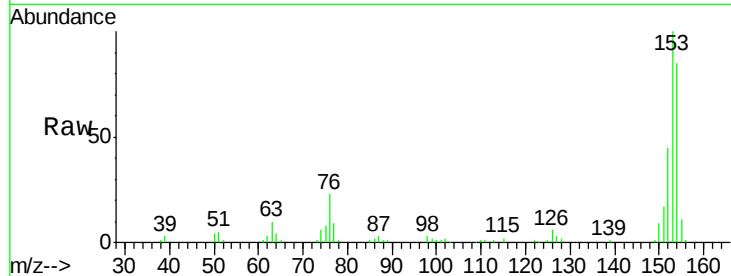
Tgt Ion:153 Resp: 71976

Ion Ratio Lower Upper

153 100

152 45.0 39.0 58.6

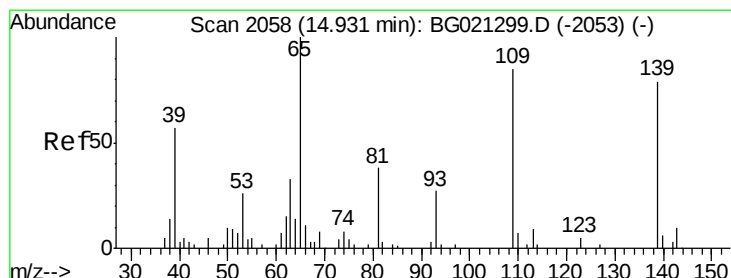
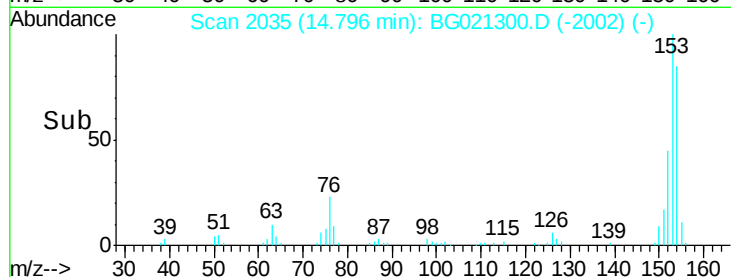
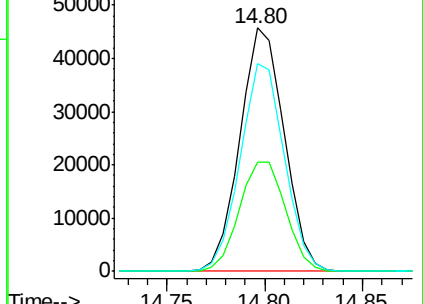
154 85.4 66.8 100.2



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: 5.63 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG021300.D

Acq: 5 Mar 2016 11:21

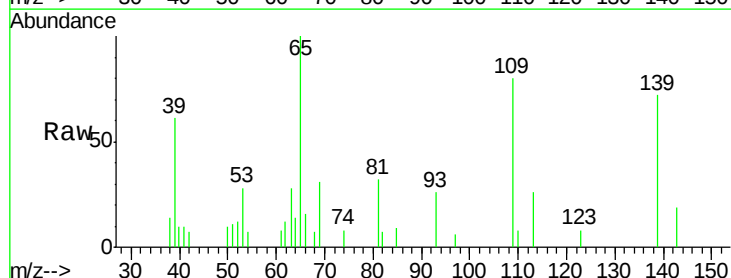
Tgt Ion:109 Resp: 3525

Ion Ratio Lower Upper

109 100

139 90.2 78.2 117.4

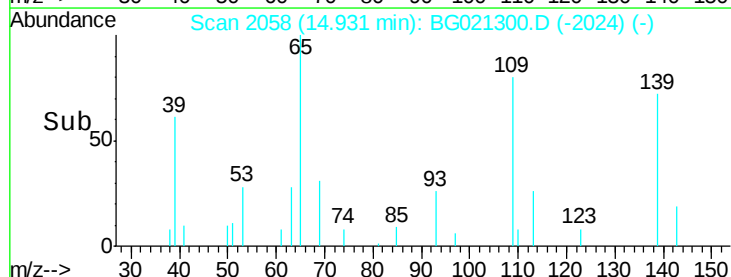
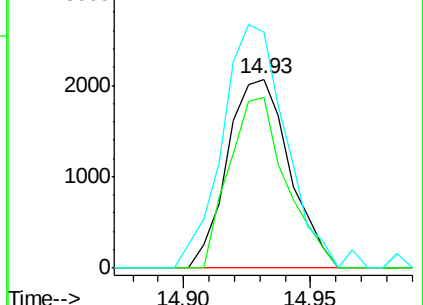
65 124.6 105.3 157.9

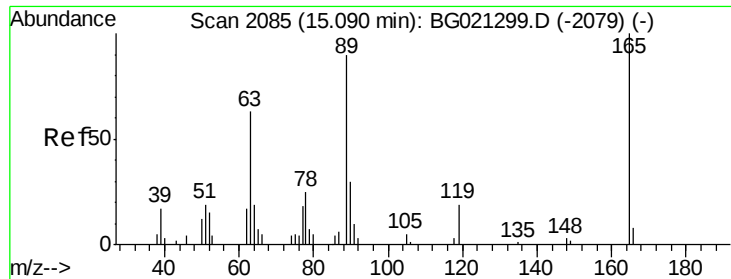


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





#55

2,4-Dinitrotoluene

Concen: 29.67 ng/ul

RT: 15.08 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG021300.D

Acq: 5 Mar 2016 11:21

Instrument :

BNA_G

ClientSampleId :

H0087MS

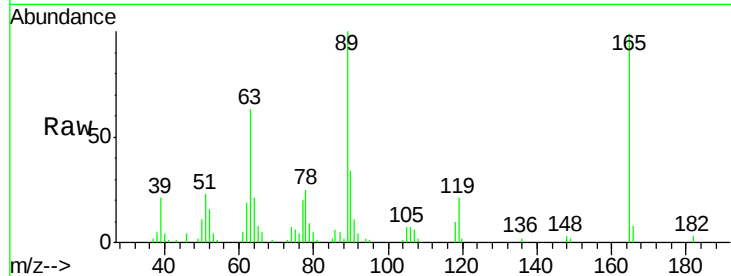
Tgt Ion:165 Resp: 25704

Ion Ratio Lower Upper

165 100

63 63.0 45.8 68.6

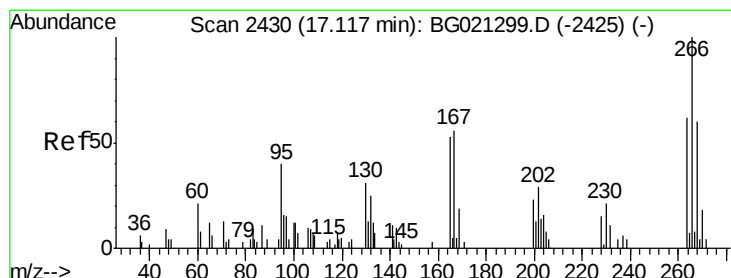
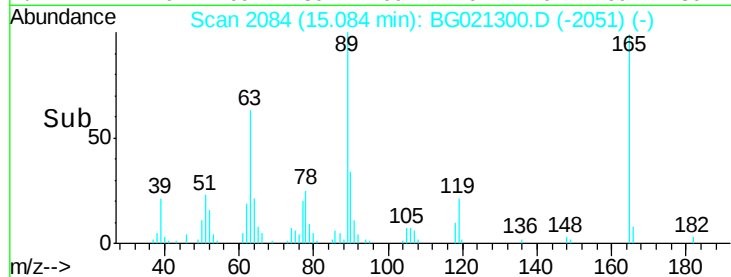
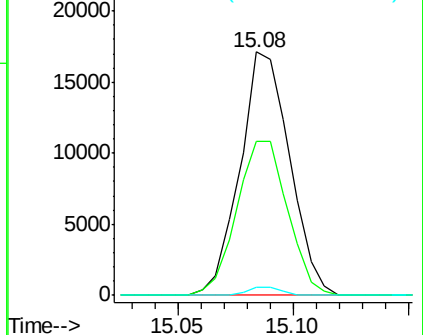
182 3.1 2.5 3.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#69

Pentachlorophenol

Concen: 28.30 ng/ul

RT: 17.12 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG021300.D

Acq: 5 Mar 2016 11:21

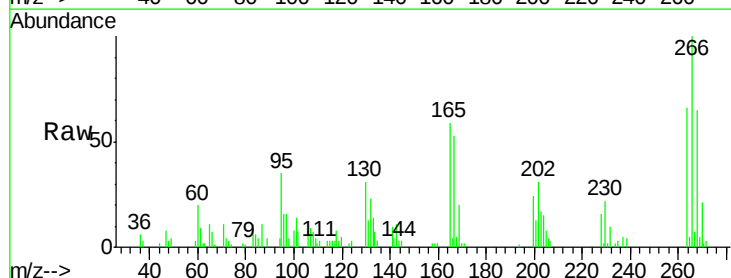
Tgt Ion:266 Resp: 16087

Ion Ratio Lower Upper

266 100

264 70.7 45.3 67.9#

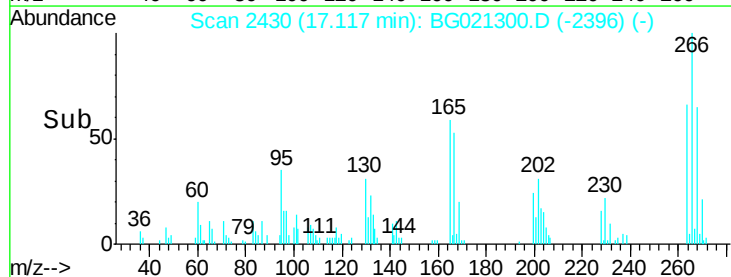
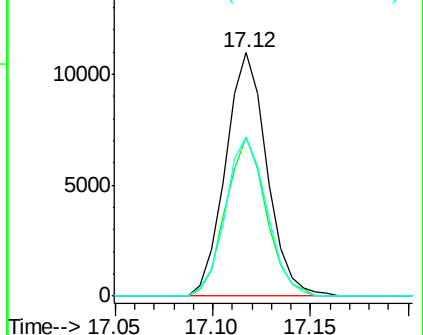
268 70.0 58.0 87.0

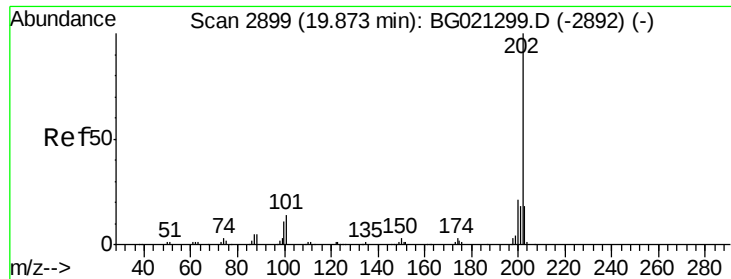


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#80

Pyrene

Concen: 31.82 ng/ul

RT: 19.87 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG021300.D

Acq: 5 Mar 2016 11:21

Instrument :

BNA_G

ClientSampleId :

H0087MS

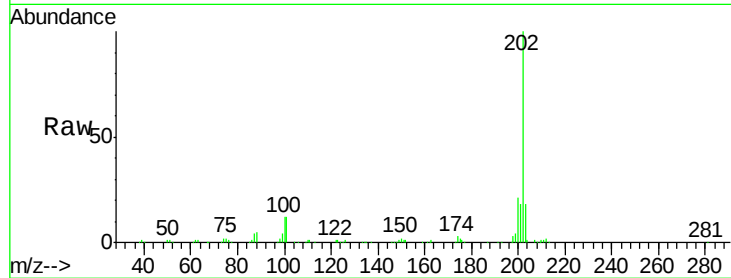
Tgt Ion: 202 Resp: 171266

Ion Ratio Lower Upper

202 100

101 12.4 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

