

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
 Data File : BG025051.D
 Acq On : 10 Dec 2016 1:52
 Operator : UM/SJ
 Sample : H5860-12MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8D7MSD

Quant Time: Dec 12 02:42:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 02:37:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	94085	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	429612	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	359658	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	795453	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1010693	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	939378	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	6153	3.38	ng/uL	0.00
5) Phenol-d5	7.39	99	162764	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	96682	19.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	118142	20.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	144428	21.29	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	60057	19.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	79444	20.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	150942	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	118307	16.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	495112	20.01	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	589360	21.75	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	78278	18.41	ng/ul	0.00
57) Fluorene-d10	15.85	176	490169	21.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	88311	17.96	ng/ul	0.00
70) Anthracene-d10	17.70	188	759593	22.62	ng/ul	0.00
76) Pyrene-d10	19.98	212	935259	22.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	889308	23.36	ng/ul	0.00

Target Compounds

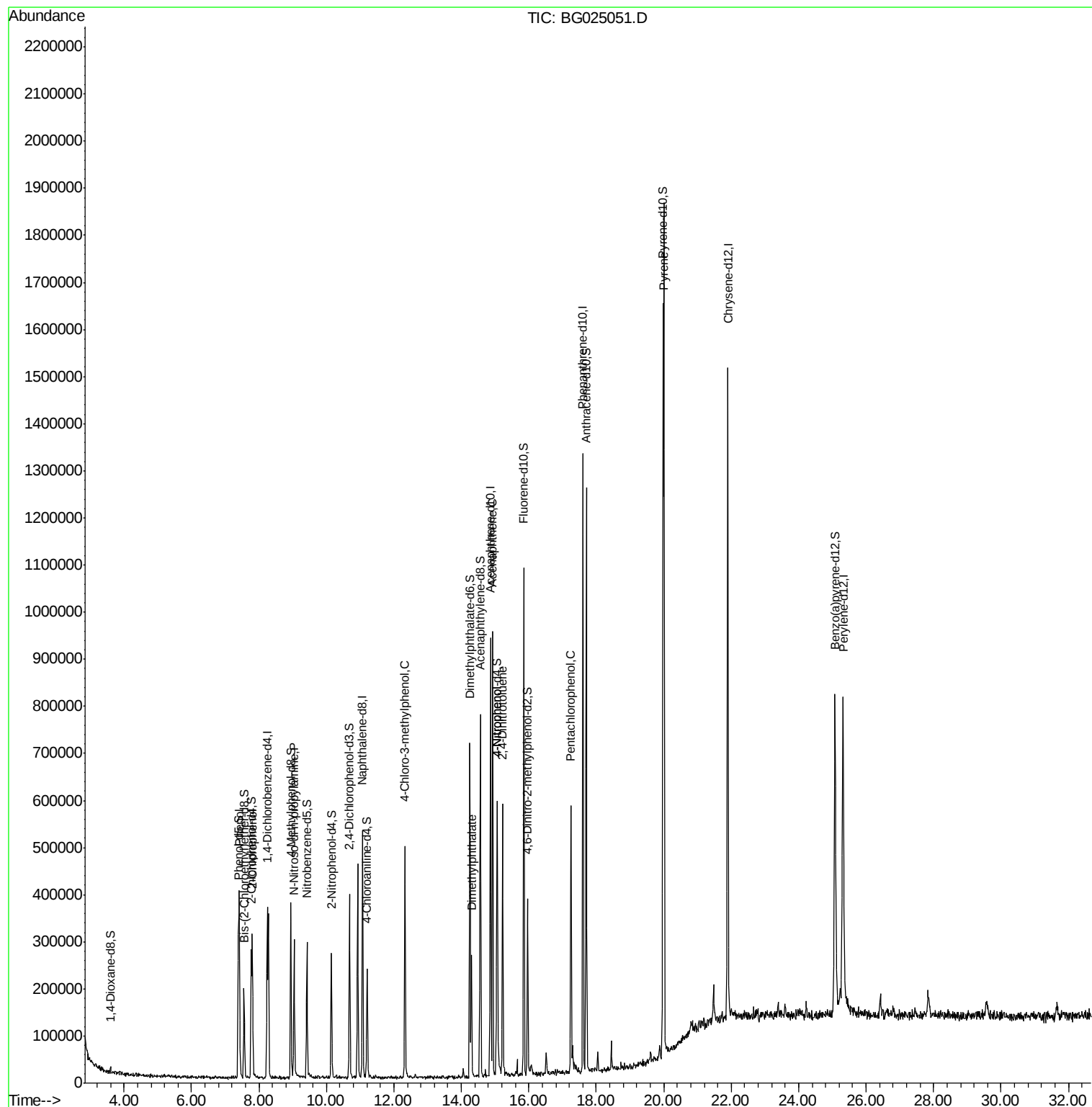
						Ovalue
6) Phenol	7.42	94	214197	25.71	ng/ul	98
10) 2-Chlorophenol	7.80	128	118114	20.70	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.04	70	117887	19.77	ng/ul#	85
33) 4-Chloro-3-methylphenol	12.33	107	184994	21.19	ng/ul	98
44) Dimethylphthalate	14.30	163	158617	6.52	ng/ul#	93
49) Acenaphthene	14.92	153	401313	22.24	ng/ul	97
52) 4-Nitrophenol	15.07	109	98057	19.17	ng/ul	88
54) 2,4-Dinitrotoluene	15.22	165	165803	21.06	ng/ul	90
68) Pentachlorophenol	17.24	266	128785	21.20	ng/ul	92
77) Pyrene	20.01	202	1140287	23.47	ng/ul	98

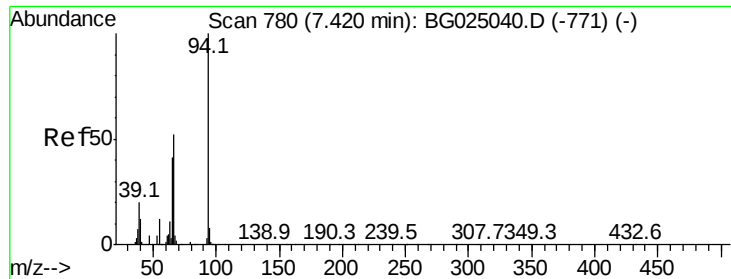
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 25.71 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG025051.D

Acq: 10 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA8D7MSD

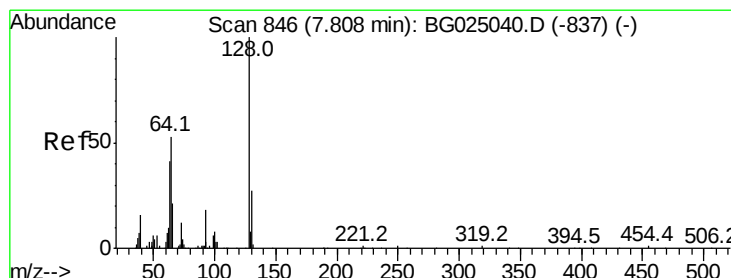
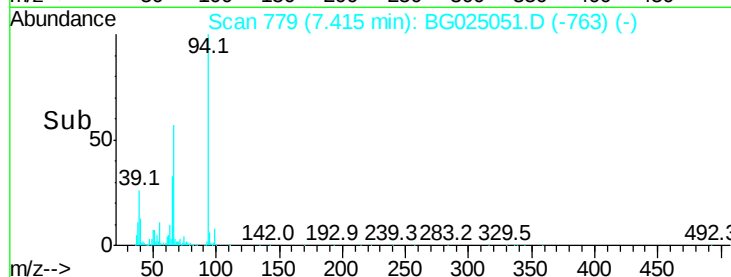
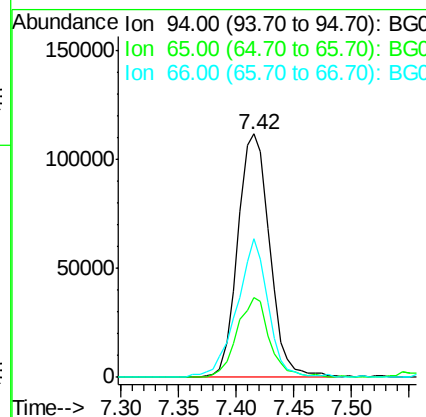
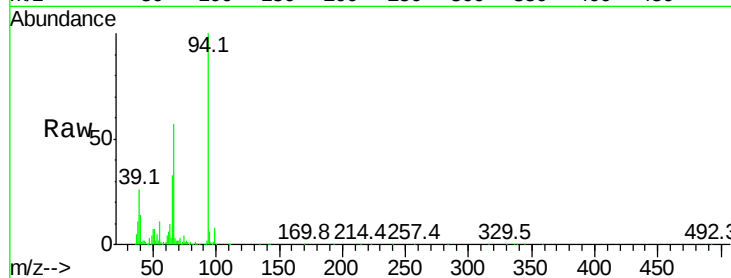
Tot Ion: 94 Resp: 214197

Ion Ratio Lower Upper

94 100

65 32.9 26.8 40.2

66 57.0 44.4 66.6



#10

2-Chlorophenol

Concen: 20.70 ng/ul

RT: 7.80 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG025051.D

Acq: 10 Dec 2016 1:52

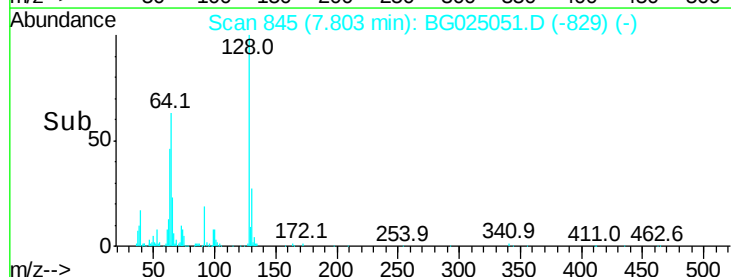
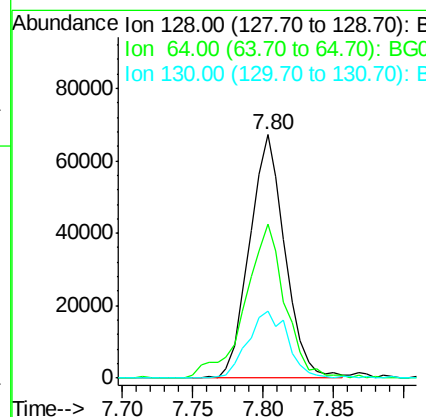
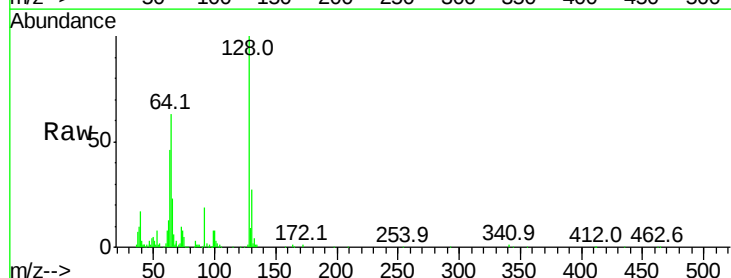
Tgt Ion: 128 Resp: 118114

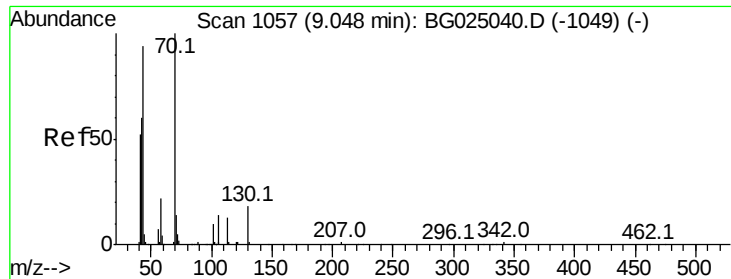
Ion Ratio Lower Upper

128 100

64 63.1 56.3 84.5

130 27.4 26.7 40.1

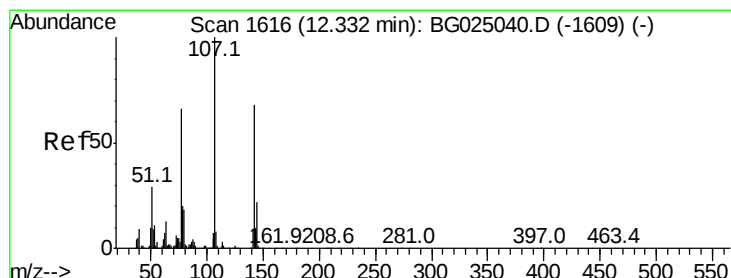
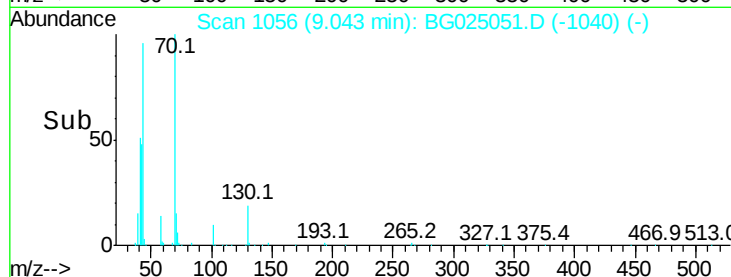
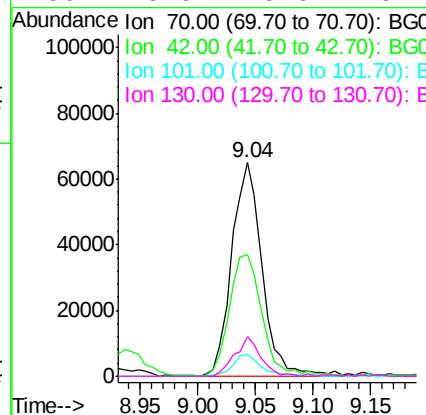
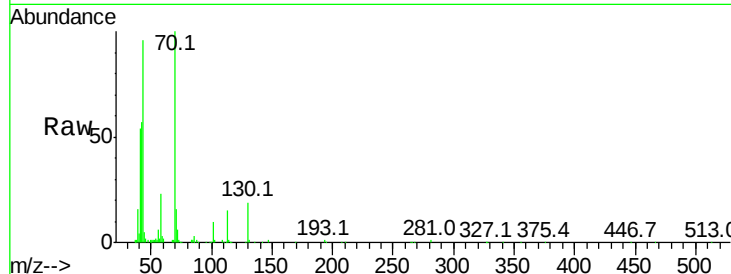




#15
N-Nitroso-di-n-propylamine
Concen: 19.77 ng/ul
RT: 9.04 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG025051.D
Acq: 10 Dec 2016 1:52

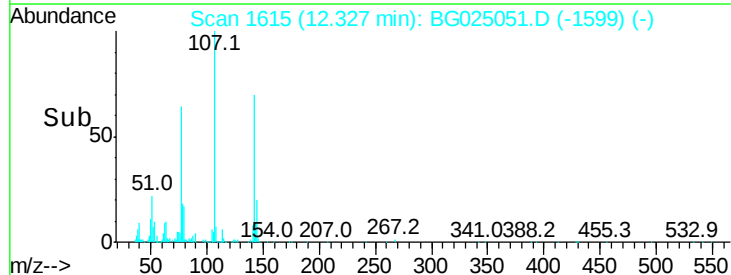
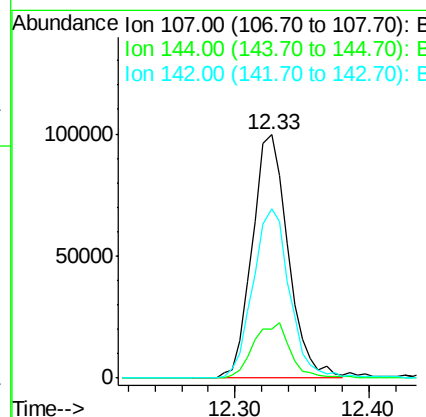
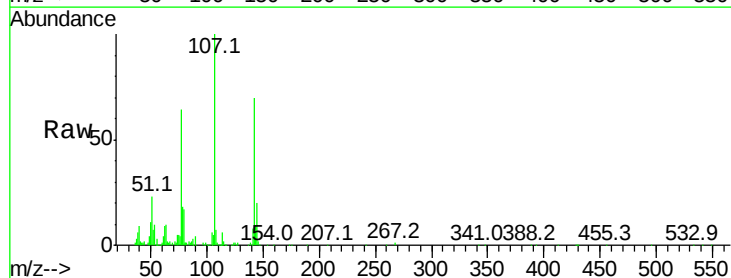
Instrument :
BNA_G
ClientSampleId :
DA8D7MSD

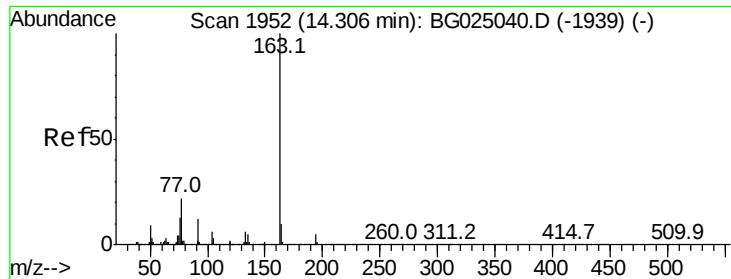
Tot Ion: 70 Resp: 117887
Ion Ratio Lower Upper
70 100
42 56.8 59.0 88.6#
101 10.1 6.6 9.8#
130 18.5 15.6 23.4



#33
4-Chloro-3-methylphenol
Concen: 21.19 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BG025051.D
Acq: 10 Dec 2016 1:52

Tgt Ion: 107 Resp: 184994
Ion Ratio Lower Upper
107 100
144 20.4 18.2 27.4
142 69.7 55.0 82.4





#44

Dimethylphthalate

Concen: 6.52 ng/ul

RT: 14.30 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG025051.D

Acq: 10 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA8D7MSD

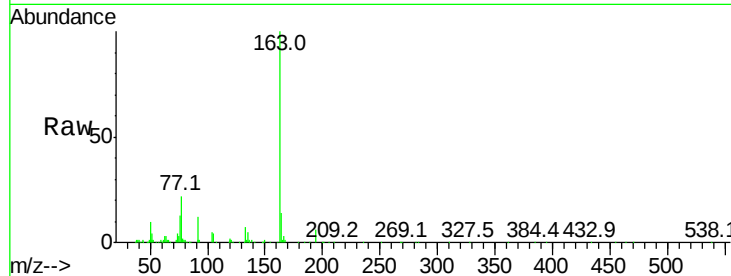
Tot Ion:163 Resp: 158617

Ion Ratio Lower Upper

163 100

194 6.2 3.4 5.0#

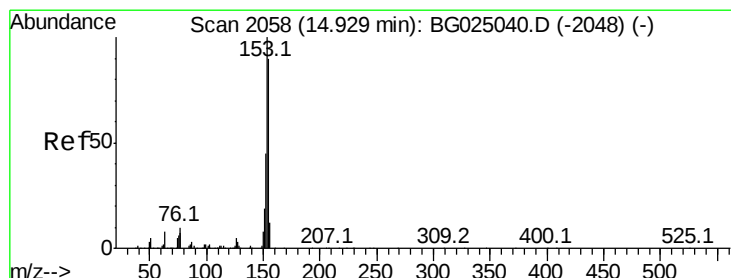
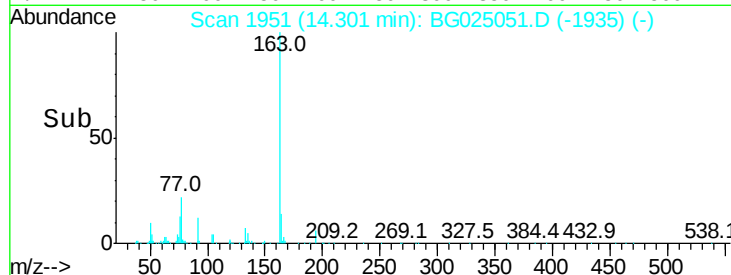
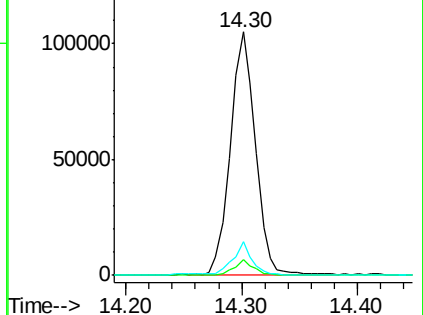
164 13.9 9.0 13.4#



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



#49

Acenaphthene

Concen: 22.24 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG025051.D

Acq: 10 Dec 2016 1:52

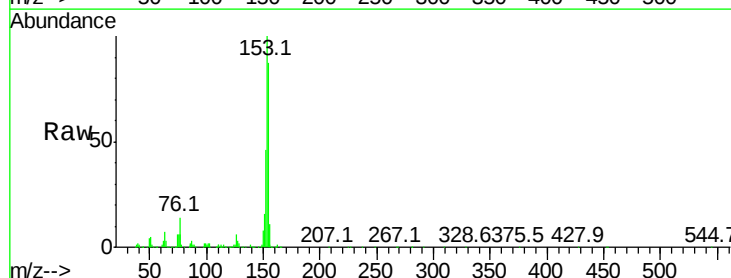
Tgt Ion:153 Resp: 401313

Ion Ratio Lower Upper

153 100

152 46.0 36.5 54.7

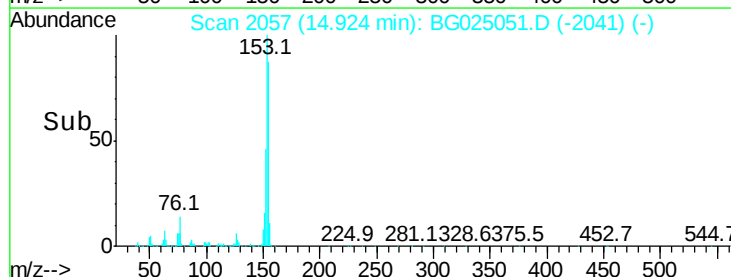
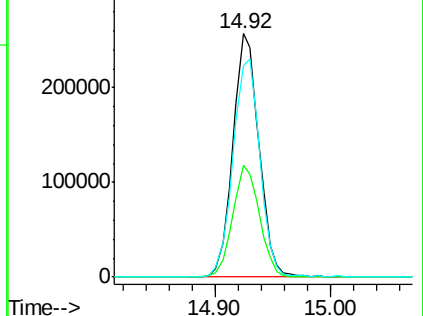
154 87.1 72.3 108.5

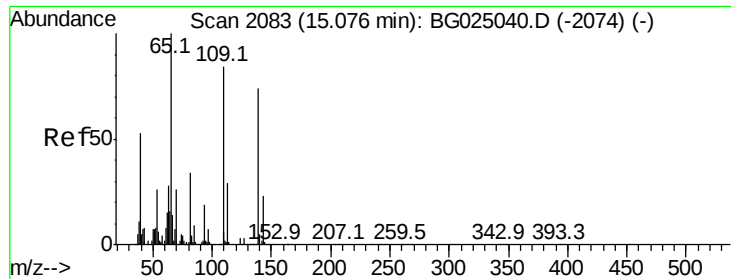


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.17 ng/ul

RT: 15.07 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BG025051.D

Acq: 10 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA8D7MSD

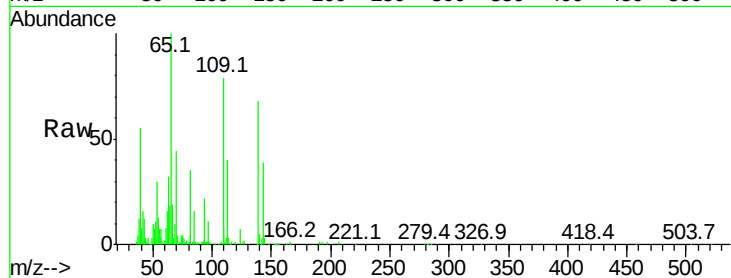
Tot Ion:109 Resp: 98057

Ion Ratio Lower Upper

109 100

139 86.3 62.6 93.8

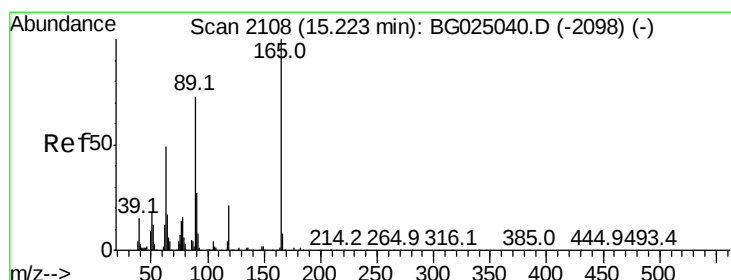
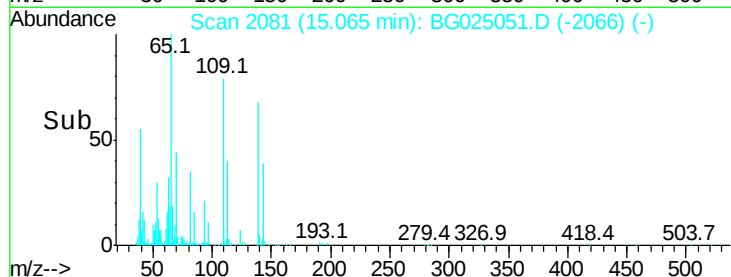
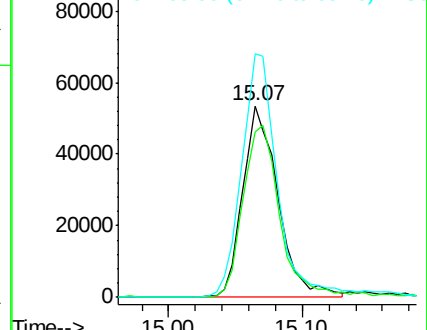
65 127.2 90.4 135.6



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



#54

2,4-Dinitrotoluene

Concen: 21.06 ng/ul

RT: 15.22 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BG025051.D

Acq: 10 Dec 2016 1:52

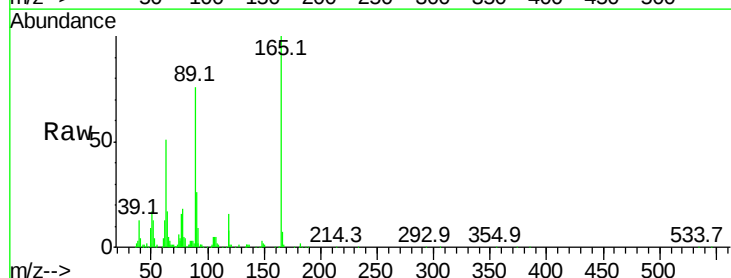
Tgt Ion:165 Resp: 165803

Ion Ratio Lower Upper

165 100

63 50.6 46.8 70.2

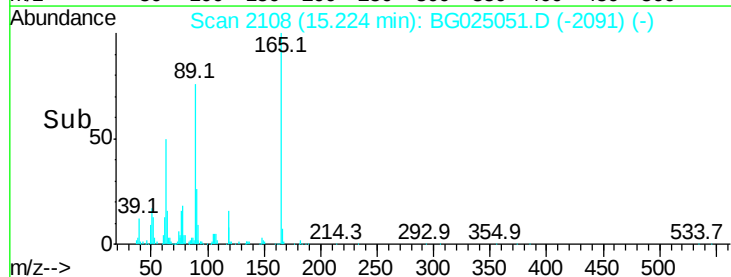
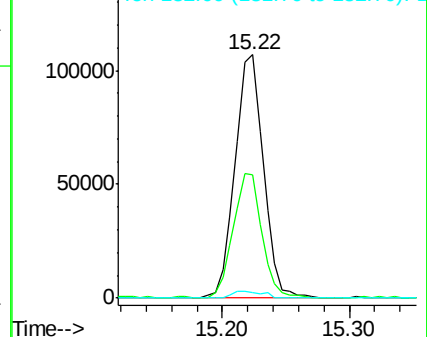
182 2.4 1.8 2.6

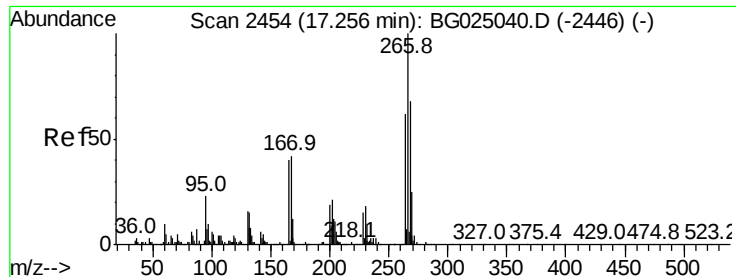


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 21.20 ng/ul

RT: 17.24 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG025051.D

Acq: 10 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA8D7MSD

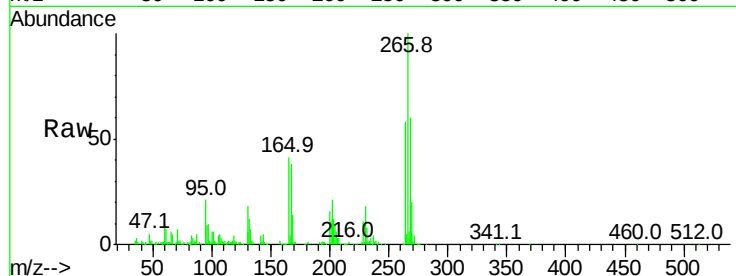
Tot Ion:266 Resp: 128785

Ion Ratio Lower Upper

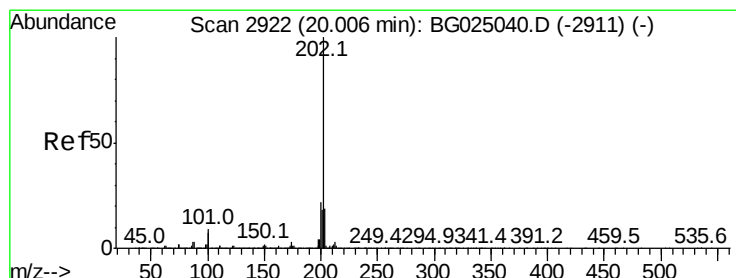
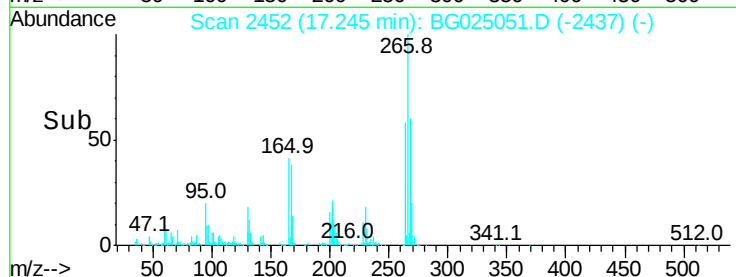
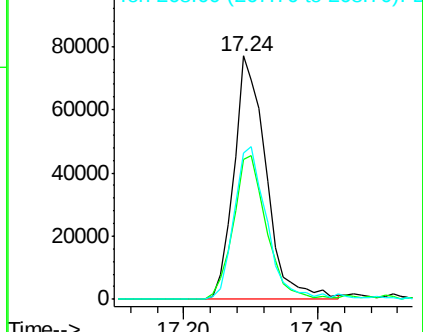
266 100

264 57.6 47.1 70.7

268 60.0 56.2 84.4



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



#77

Pyrene

Concen: 23.47 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BG025051.D

Acq: 10 Dec 2016 1:52

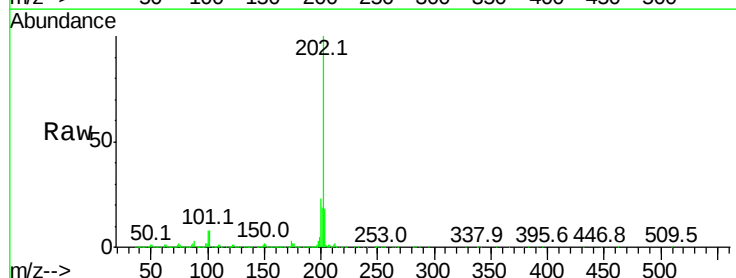
Tgt Ion:202 Resp: 1140287

Ion Ratio Lower Upper

202 100

101 7.9 6.9 10.3

100 7.7 6.6 10.0



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

