

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
 Data File : BG025155.D
 Acq On : 13 Dec 2016 21:30
 Operator : UM/SJ
 Sample : H5993-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H5993-02MSD

Quant Time: Dec 14 03:22:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 03:19:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	62013	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	281789	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	257681	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	611006	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	729561	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	748687	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	4534	3.78	ng/uL	0.00
5) Phenol-d5	7.38	99	110331	20.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	84213	25.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	81542	21.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	91624	20.49	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	46146	23.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	56187	22.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	97717	20.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	99198	21.10	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	456531	25.76	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	441868	22.76	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	72081	23.66	ng/ul	0.00
57) Fluorene-d10	15.84	176	392743	23.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	92344	24.44	ng/ul	0.00
70) Anthracene-d10	17.70	188	609732	23.64	ng/ul	0.00
76) Pyrene-d10	19.97	212	750744	24.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	727007	23.97	ng/ul	0.00

Target Compounds

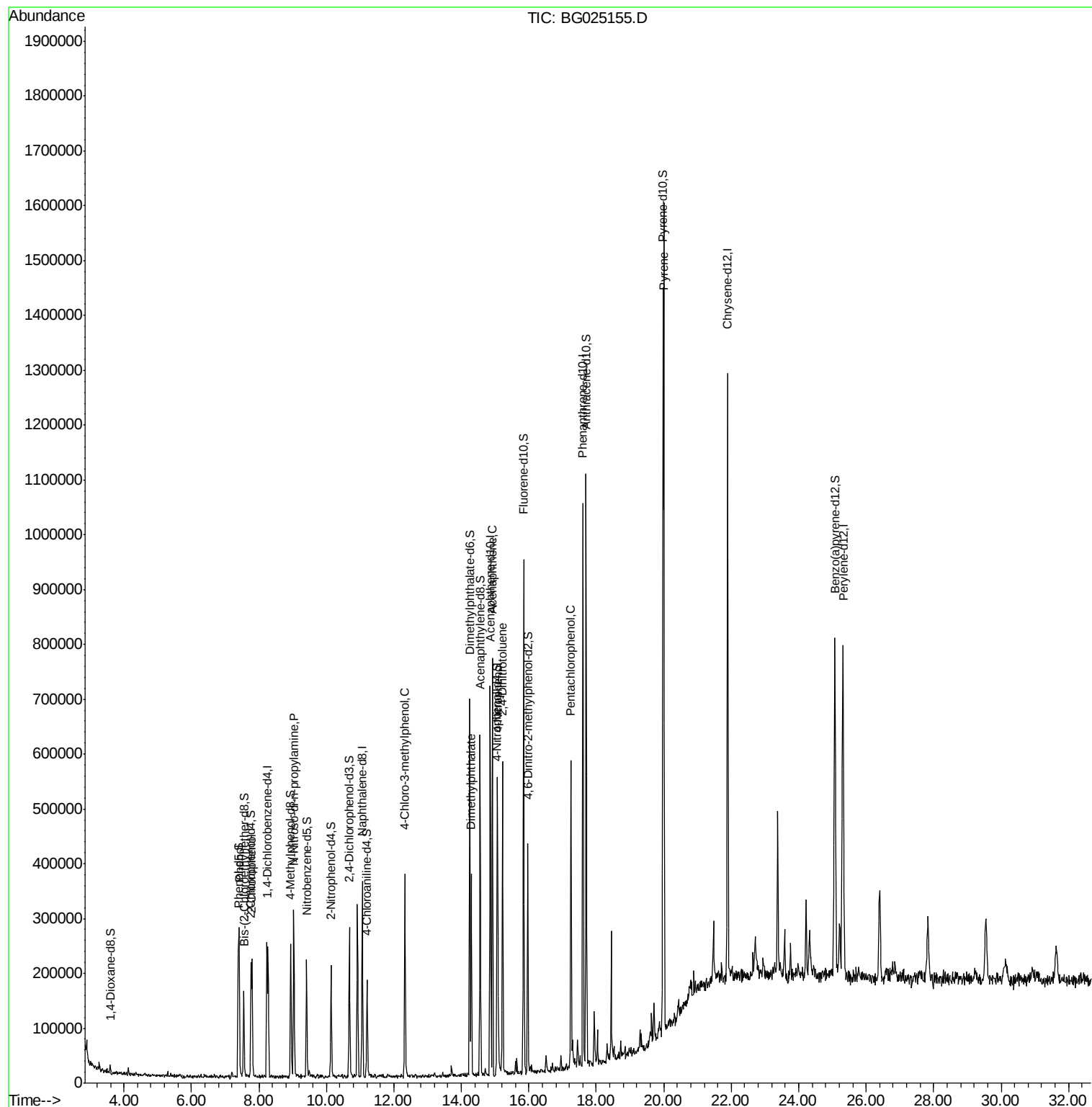
						Ovalue
6) Phenol	7.41	94	139044	25.32	ng/ul#	90
10) 2-Chlorophenol	7.80	128	81944	21.79	ng/ul#	83
15) N-Nitroso-di-n-propylamine	9.03	70	107677	27.40	ng/ul#	94
33) 4-Chloro-3-methylphenol	12.33	107	133018	23.23	ng/ul#	97
44) Dimethylphthalate	14.30	163	225177	12.93	ng/ul#	98
49) Acenaphthene	14.92	153	307076	23.75	ng/ul	99
52) 4-Nitrophenol	15.07	109	92868	25.35	ng/ul	98
54) 2,4-Dinitrotoluene	15.22	165	147206	26.10	ng/ul	98
68) Pentachlorophenol	17.25	266	108104	23.17	ng/ul	94
77) Pyrene	20.00	202	923507	26.33	ng/ul	99

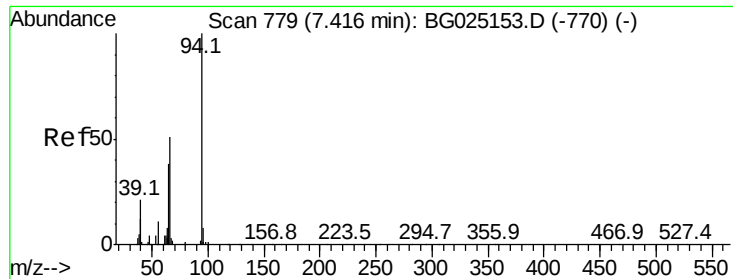
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 25.32 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG025155.D

Acq: 13 Dec 2016 21:30

Instrument :

BNA_G

ClientSampleId :

H5993-02MSD

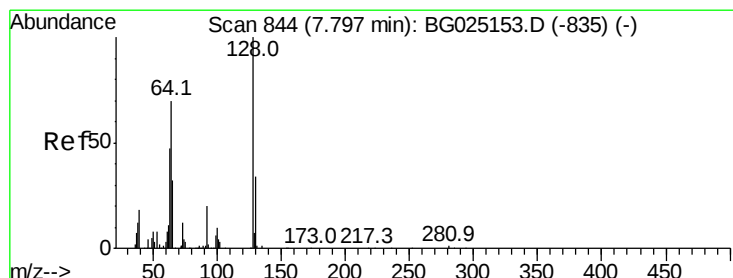
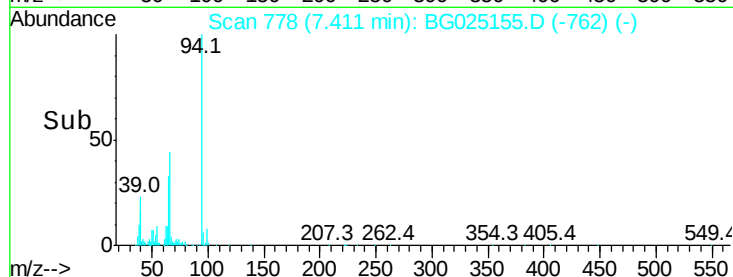
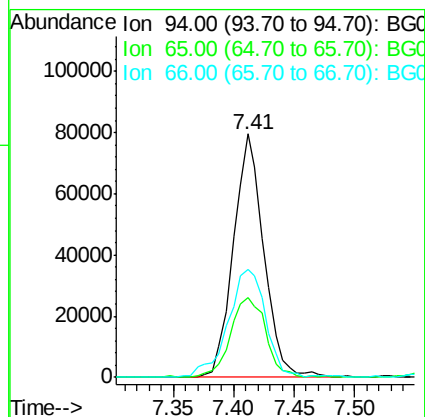
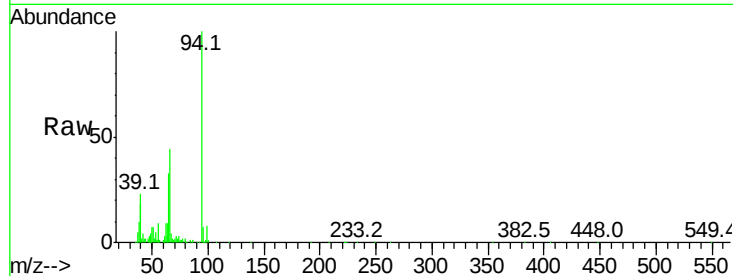
Tot Ion: 94 Resp: 139044

Ion Ratio Lower Upper

94 100

65 32.9 26.8 40.2

66 44.3 44.4 66.6#



#10

2-Chlorophenol

Concen: 21.79 ng/ul

RT: 7.80 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG025155.D

Acq: 13 Dec 2016 21:30

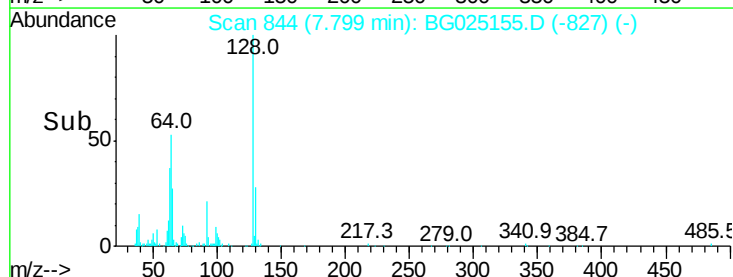
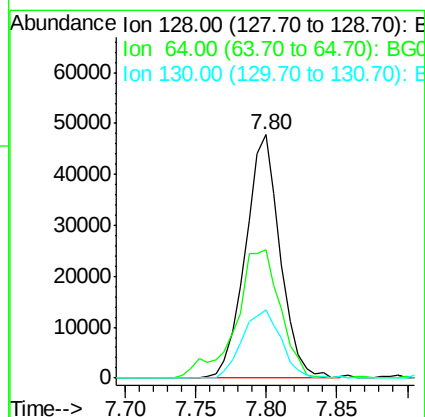
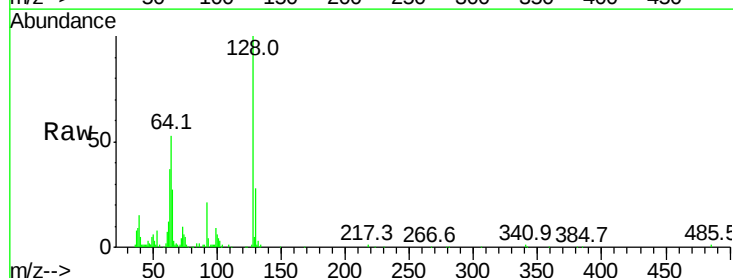
Tgt Ion:128 Resp: 81944

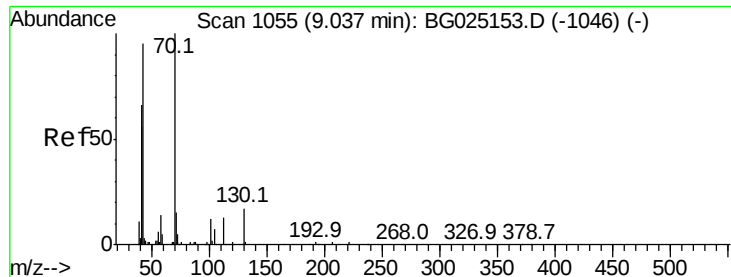
Ion Ratio Lower Upper

128 100

64 53.0 56.3 84.5#

130 28.0 26.7 40.1

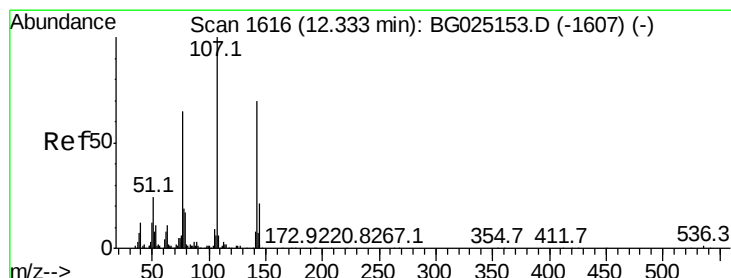
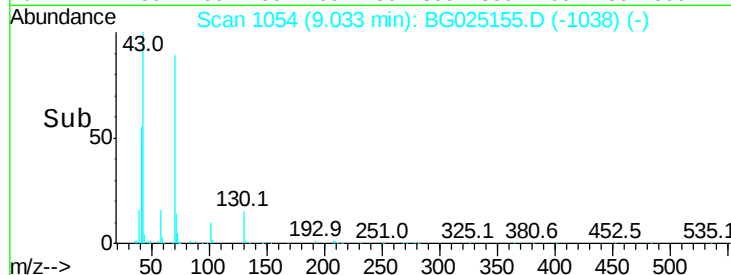
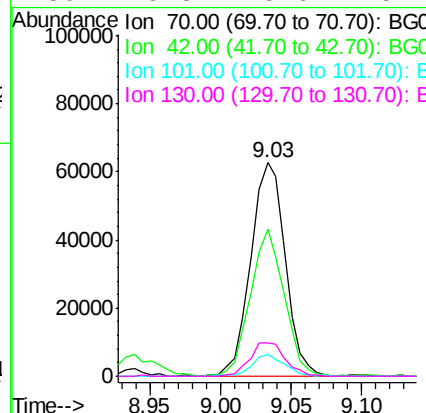
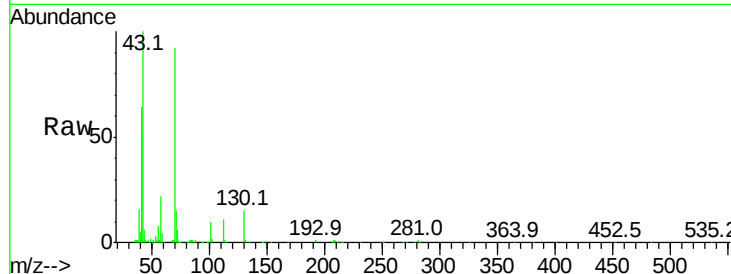




#15
N-Nitroso-di-n-propylamine
Concen: 27.40 ng/ul
RT: 9.03 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG025155.D
Acq: 13 Dec 2016 21:30

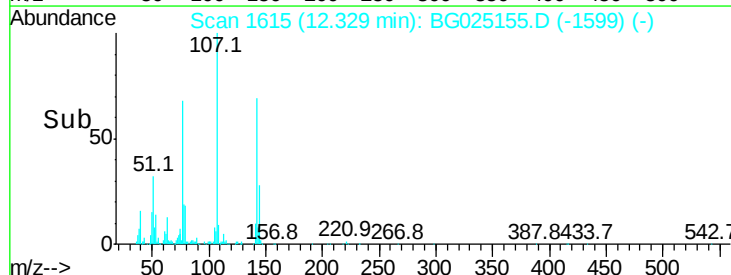
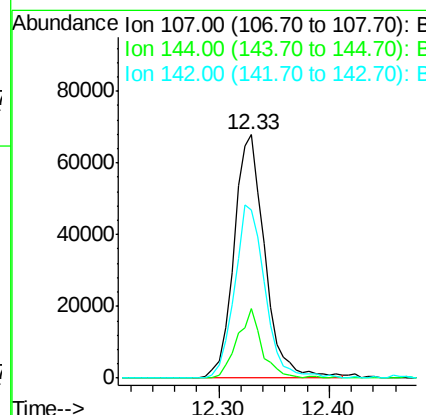
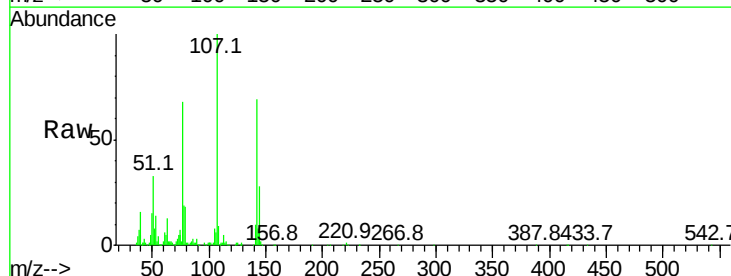
Instrument :
BNA_G
ClientSampleId :
H5993-02MSD

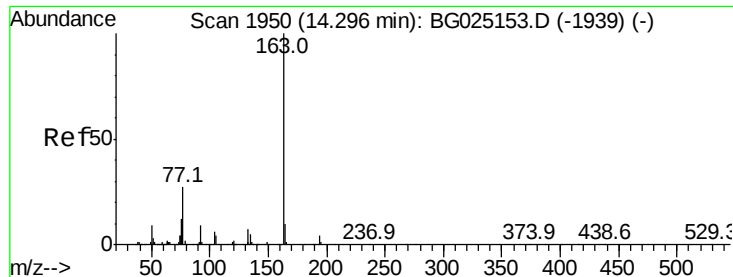
Tot Ion:	70	Resp:	107677
Ion	Ratio	Lower	Upper
70	100		
42	69.2	59.0	88.6
101	10.5	6.6	9.8#
130	15.8	15.6	23.4



#33
4-Chloro-3-methylphenol
Concen: 23.23 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG025155.D
Acq: 13 Dec 2016 21:30

Tgt Ion:	107	Resp:	133018
Ion	Ratio	Lower	Upper
107	100		
144	28.4	18.2	27.4#
142	68.9	55.0	82.4





#44

Dimethylphthalate

Concen: 12.93 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG025155.D

Acq: 13 Dec 2016 21:30

Instrument :

BNA_G

ClientSampleId :

H5993-02MSD

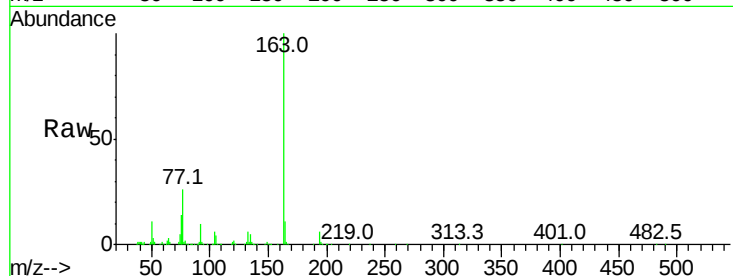
Tot Ion:163 Resp: 225177

Ion Ratio Lower Upper

163 100

194 5.9 3.4 5.0#

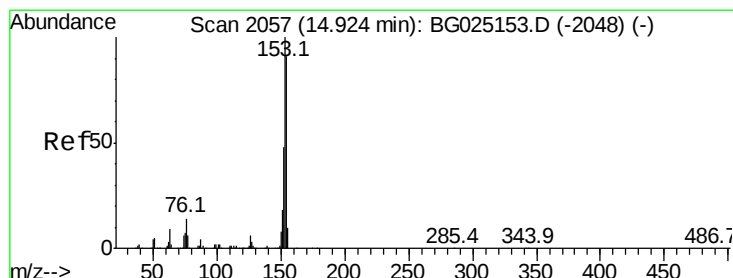
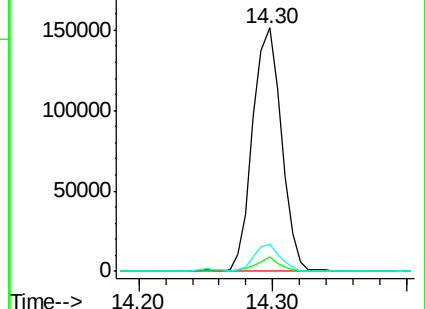
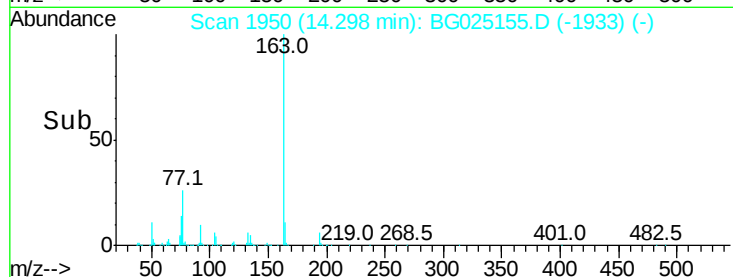
164 11.3 9.0 13.4



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: 23.75 ng/ul

RT: 14.92 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BG025155.D

Acq: 13 Dec 2016 21:30

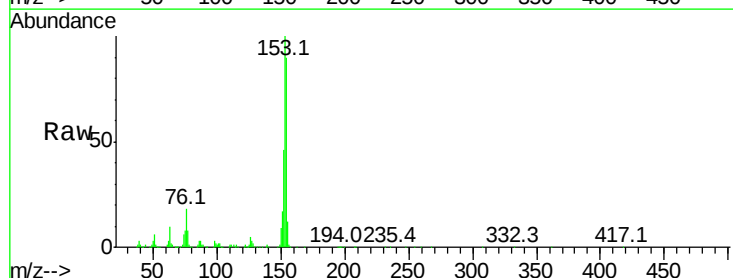
Tgt Ion:153 Resp: 307076

Ion Ratio Lower Upper

153 100

152 46.3 36.5 54.7

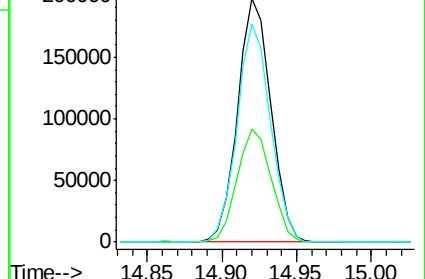
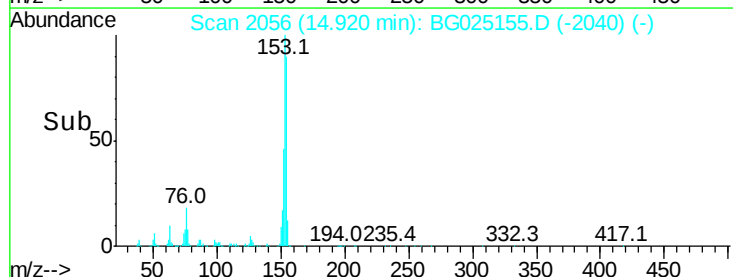
154 89.8 72.3 108.5

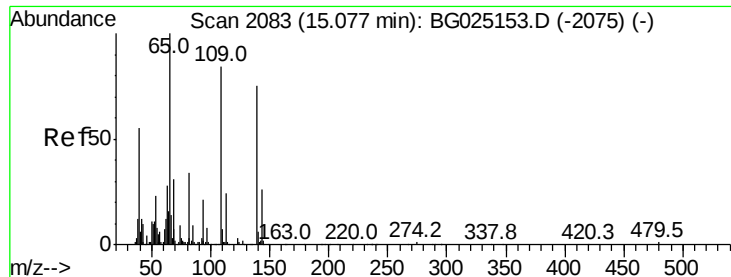


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 25.35 ng/ul

RT: 15.07 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BG025155.D

Acq: 13 Dec 2016 21:30

Instrument :

BNA_G

ClientSampleId :

H5993-02MSD

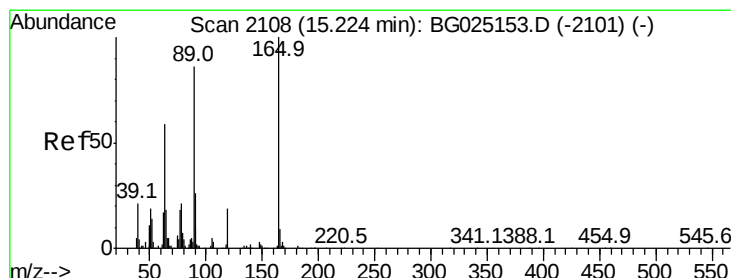
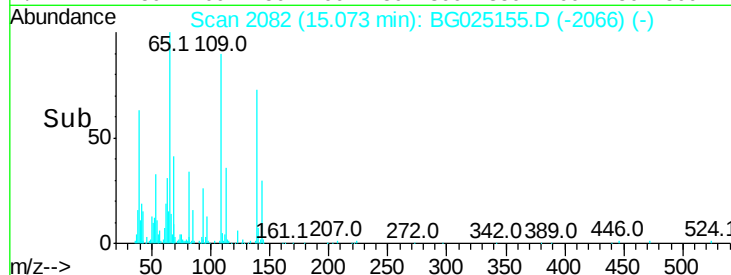
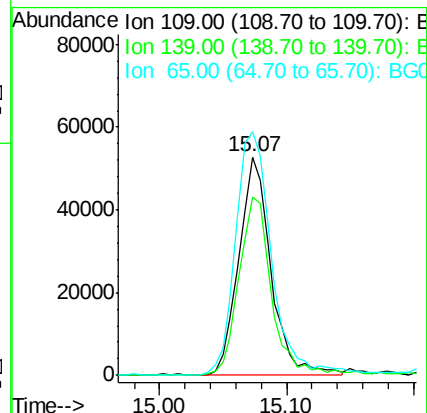
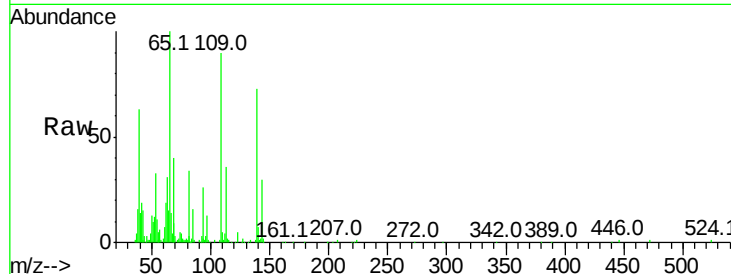
Tot Ion:109 Resp: 92868

Ion Ratio Lower Upper

109 100

139 81.6 62.6 93.8

65 111.5 90.4 135.6



#54

2,4-Dinitrotoluene

Concen: 26.10 ng/ul

RT: 15.22 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BG025155.D

Acq: 13 Dec 2016 21:30

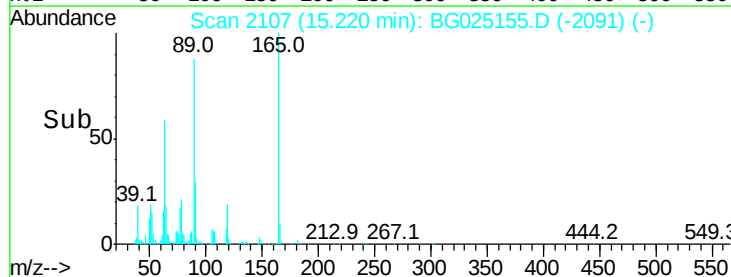
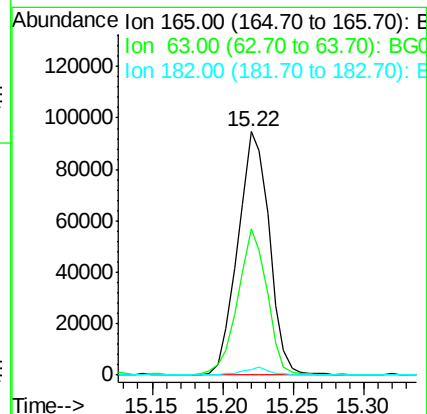
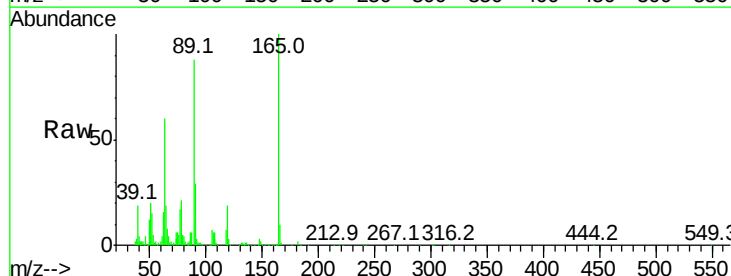
Tgt Ion:165 Resp: 147206

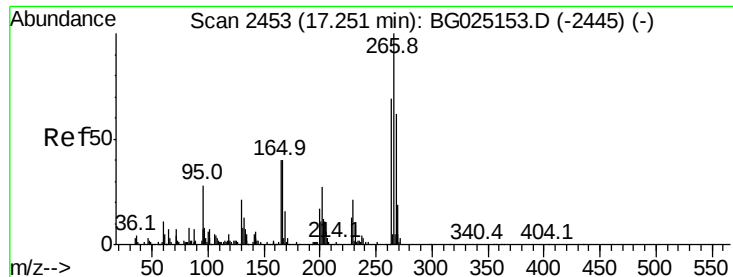
Ion Ratio Lower Upper

165 100

63 60.3 46.8 70.2

182 2.0 1.8 2.6

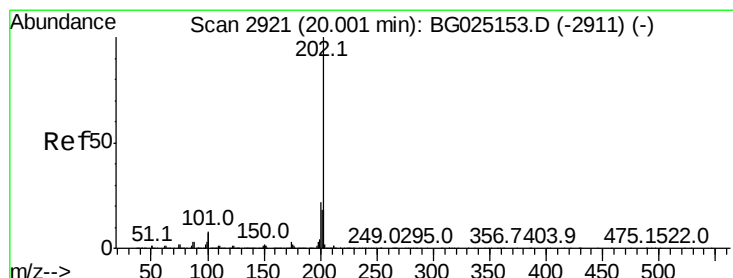
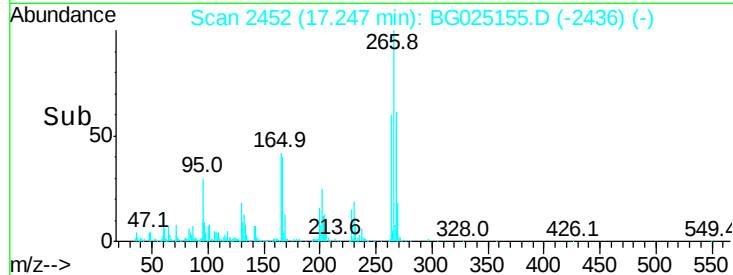
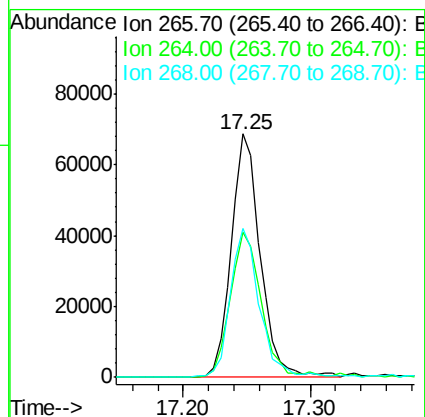
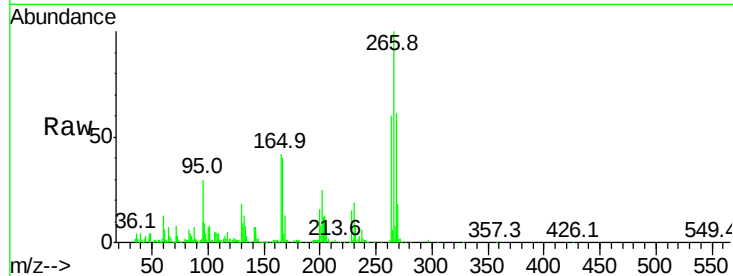




#68
 Pentachlorophenol
 Concen: 23.17 ng/ul
 RT: 17.25 min Scan# 2452
 Delta R.T. -0.00 min
 Lab File: BG025155.D
 Acq: 13 Dec 2016 21:30

Instrument :
 BNA_G
 ClientSampleId :
 H5993-02MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	59.5	47.1	70.7
268	61.1	56.2	84.4



#77
 Pyrene
 Concen: 26.33 ng/ul
 RT: 20.00 min Scan# 2921
 Delta R.T. 0.00 min
 Lab File: BG025155.D
 Acq: 13 Dec 2016 21:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.9	10.3
100	7.6	6.6	10.0

