

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
 Data File : BG025089.D
 Acq On : 11 Dec 2016 4:25
 Operator : UM/SJ
 Sample : H5861-17MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 04:27:27 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 04:23:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	78863	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	340183	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	278758	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	641468	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	820027	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	818204	20.00	ng/ul	0.00

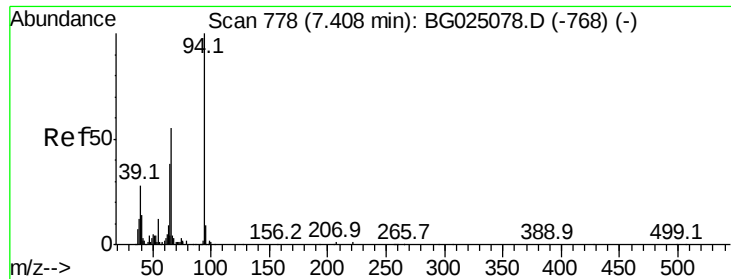
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	2988	1.96	ng/uL	0.00
5) Phenol-d5	7.38	99	56185	8.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	173641	41.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	153285	32.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	109279	19.22	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	98001	40.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	117201	39.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	220386	38.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	68	0.01	ng/ul	-0.03
43) Dimethylphthalate-d6	14.25	166	765712	39.93	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	865225	41.20	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	25092	7.61	ng/ul	0.00
57) Fluorene-d10	15.84	176	695054	38.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	164577	41.49	ng/ul	0.00
70) Anthracene-d10	17.70	188	1140512	42.12	ng/ul	0.00
76) Pyrene-d10	19.97	212	1433968	42.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1448278	43.69	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	59497	8.52	ng/ul	90
10) 2-Chlorophenol	7.79	128	139682	29.20	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.03	70	190532	38.13	ng/ul#	87
33) 4-Chloro-3-methylphenol	12.32	107	229157	33.15	ng/ul	93
49) Acenaphthene	14.92	153	550342	39.34	ng/ul	97
52) 4-Nitrophenol	15.07	109	30758	7.76	ng/ul	82
54) 2,4-Dinitrotoluene	15.21	165	234028	38.35	ng/ul#	96
68) Pentachlorophenol	17.25	266	201950	41.22	ng/ul	92
77) Pvrene	20.00	202	1577029	40.01	ng/ul	99

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



#6

Phenol

Concen: 8.52 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG025089.D

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Instrument :

BNA_G

ClientSampleId :

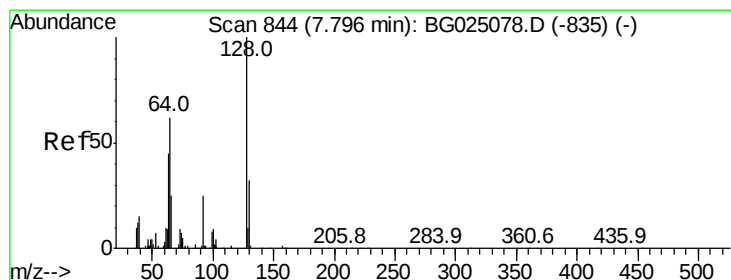
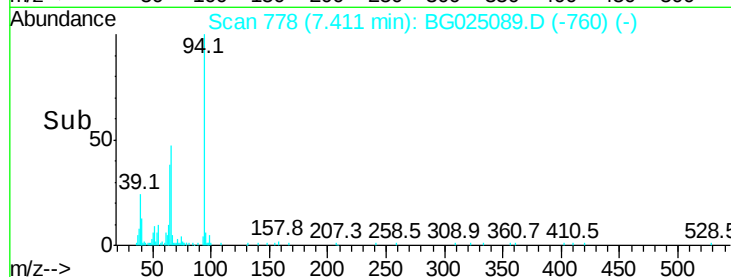
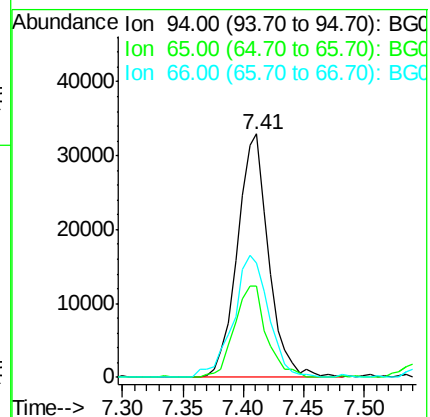
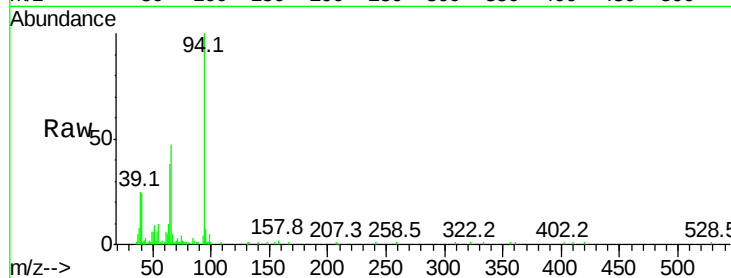
Tot Ion: 94 Resp: 59497

Ion Ratio Lower Upper

94 100

65 37.7 26.8 40.2

66 46.8 44.4 66.6



#10

2-Chlorophenol

Concen: 29.20 ng/ul

RT: 7.79 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG025089.D

Acq: 11 Dec 2016 4:25

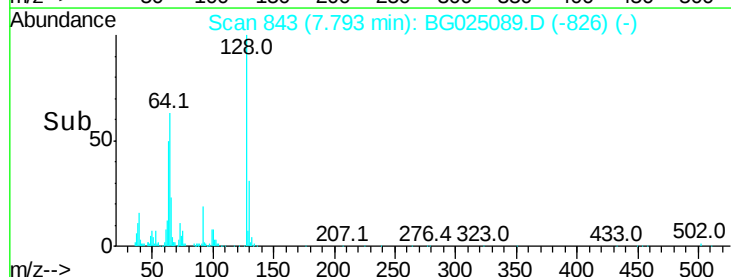
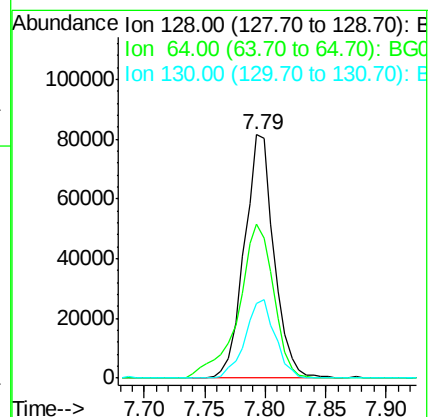
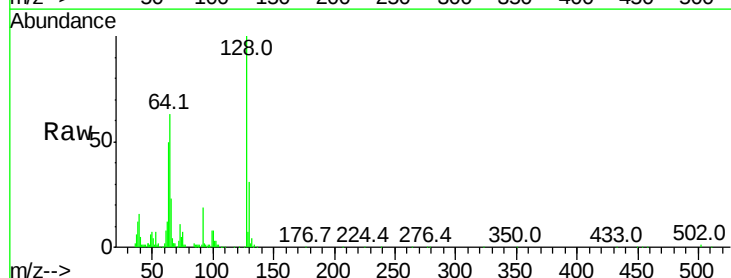
Tgt Ion:128 Resp: 139682

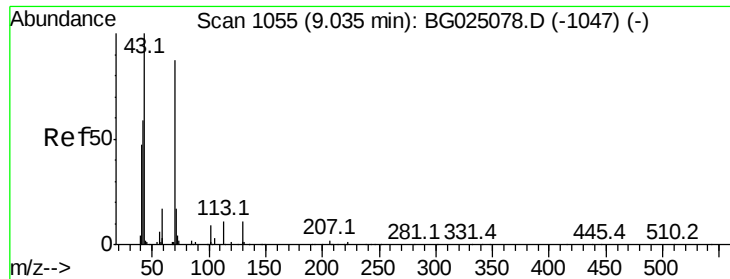
Ion Ratio Lower Upper

128 100

64 63.4 56.3 84.5

130 30.6 26.7 40.1

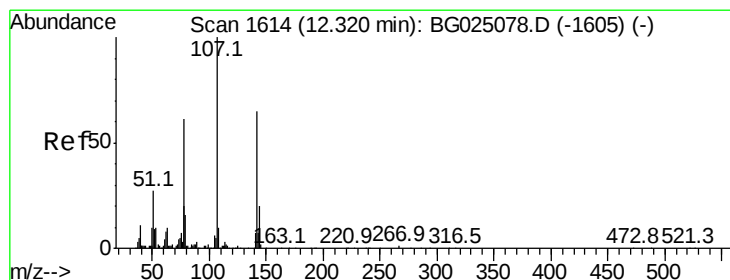
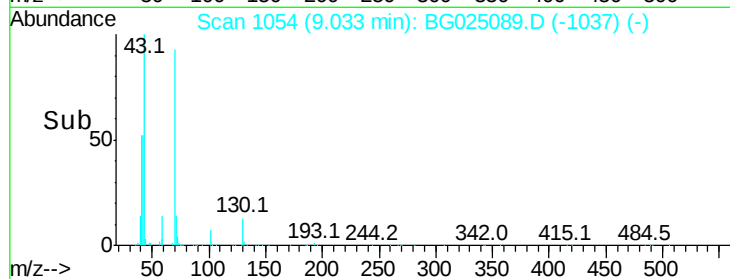
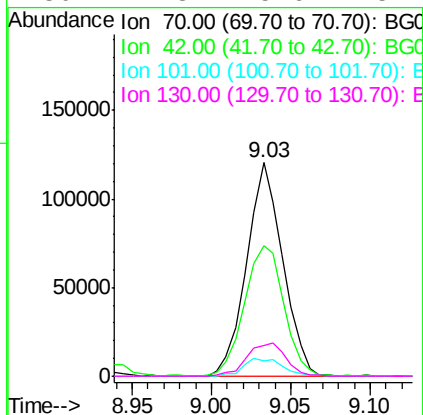
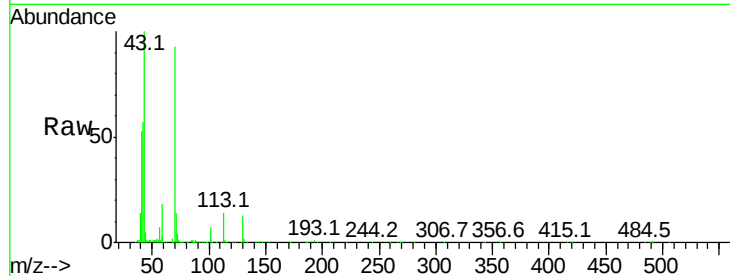




#15
N-Nitroso-di-n-propylamine
Concen: 38.13 ng/ul
RT: 9.03 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG025089.D
Acq: 11 Dec 2016 4:25

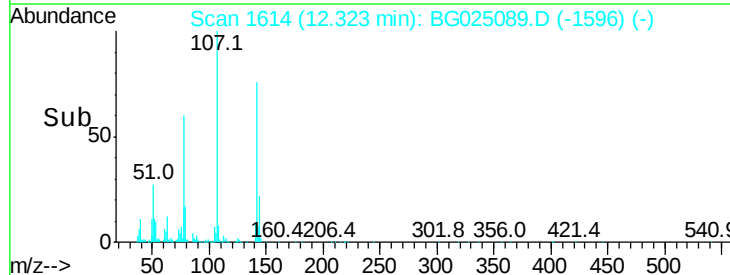
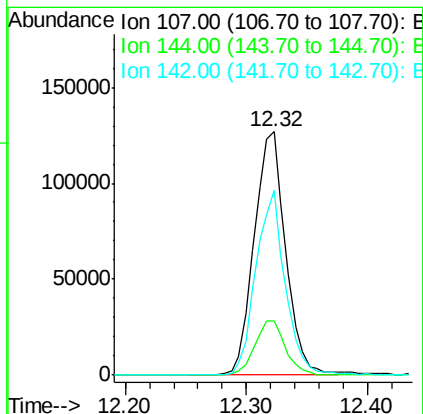
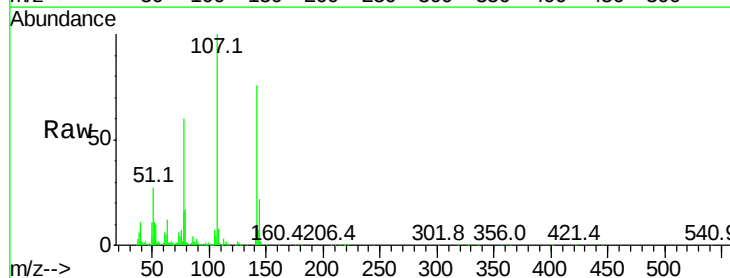
Instrument :
BNA_G
ClientSampleId :

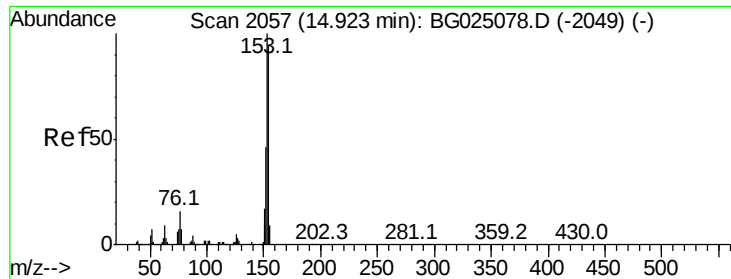
Tot Ion: 70 Resp: 190532
Ion Ratio Lower Upper
70 100
42 61.2 59.0 88.6
101 7.3 6.6 9.8
130 14.3 15.6 23.4#



#33
4-Chloro-3-methylphenol
Concen: 33.15 ng/ul
RT: 12.32 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG025089.D
Acq: 11 Dec 2016 4:25

Tgt Ion: 107 Resp: 229157
Ion Ratio Lower Upper
107 100
144 22.1 18.2 27.4
142 75.9 55.0 82.4





#49

Acenaphthene

Concen: 39.34 ng/ul

RT: 14.92 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BG025089.D

Acq: 11 Dec 2016 4:25

Instrument :

BNA_G

ClientSampleId :

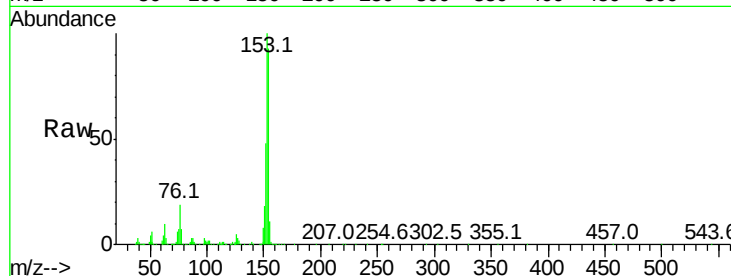
Tot Ion:153 Resp: 550342

Ion Ratio Lower Upper

153 100

152 48.4 36.5 54.7

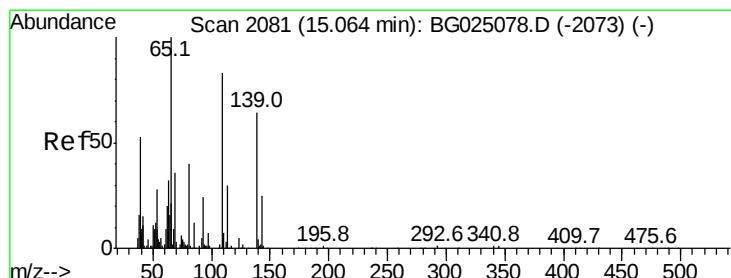
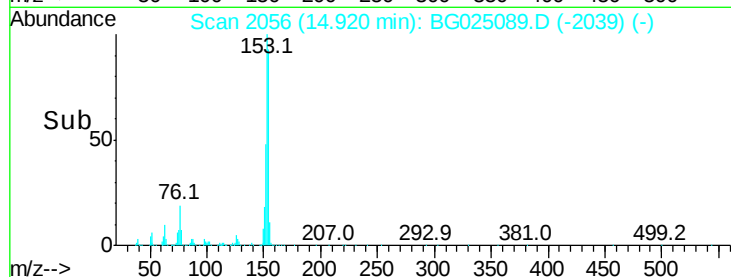
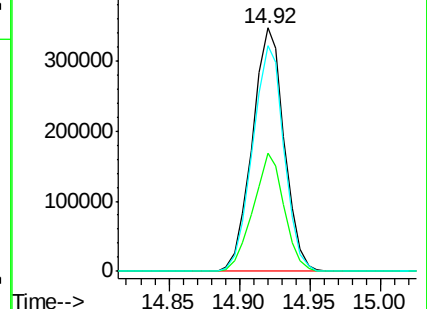
154 92.9 72.3 108.5



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: 7.76 ng/ul

RT: 15.07 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BG025089.D

Acq: 11 Dec 2016 4:25

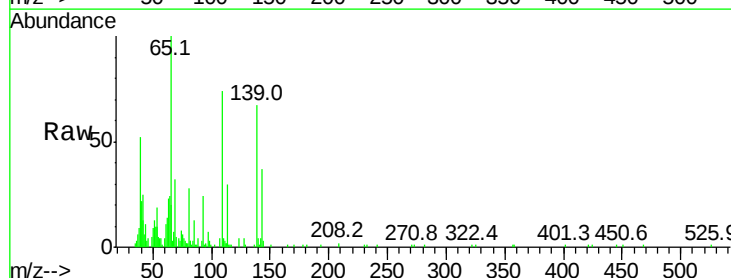
Tgt Ion:109 Resp: 30758

Ion Ratio Lower Upper

109 100

139 90.5 62.6 93.8

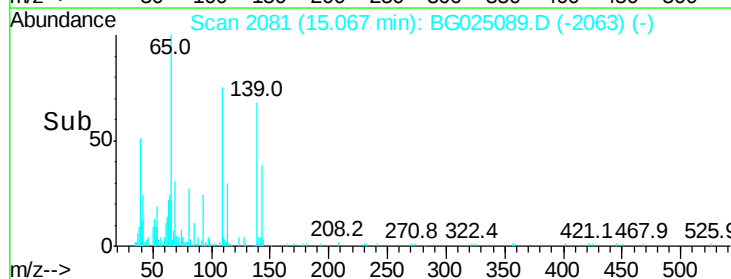
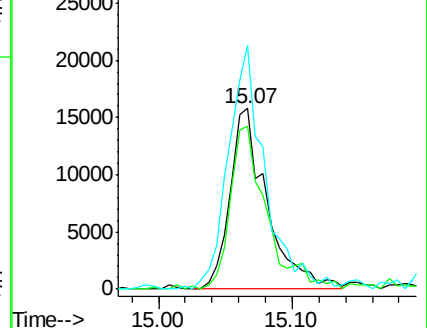
65 134.9 90.4 135.6

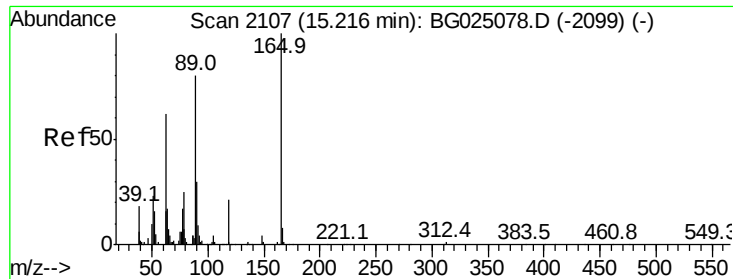


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG

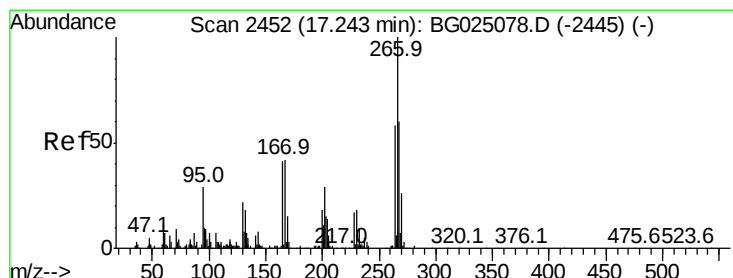
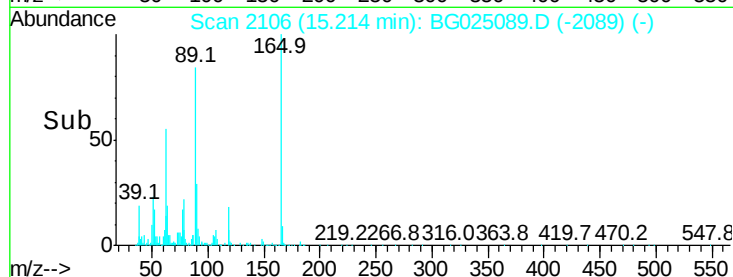
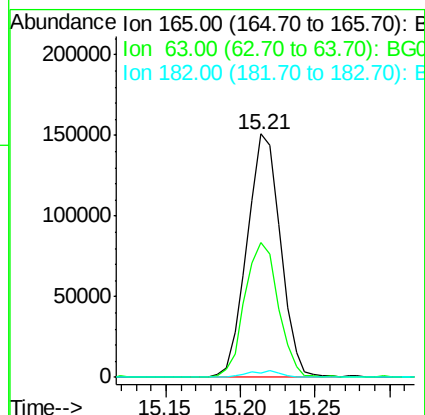
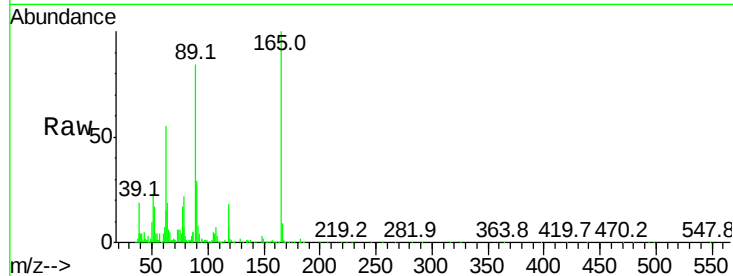




#54
 2,4-Dinitrotoluene
 Concen: 38.35 ng/ul
 RT: 15.21 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BG025089.D
 Acq: 11 Dec 2016 4:25

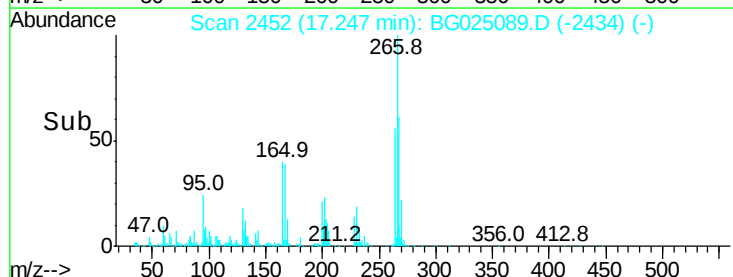
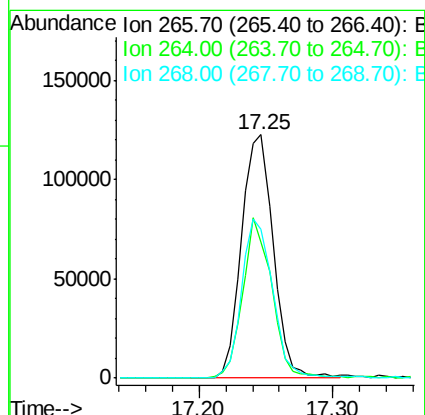
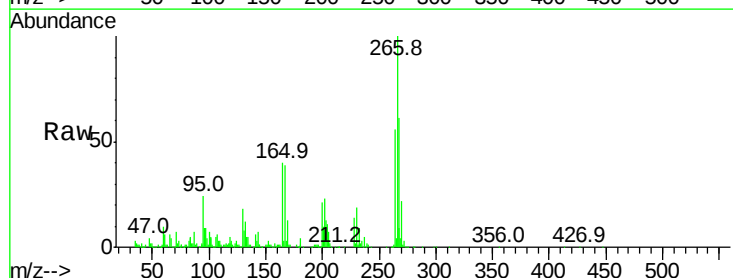
Instrument :
 BNA_G
 ClientSampleId :

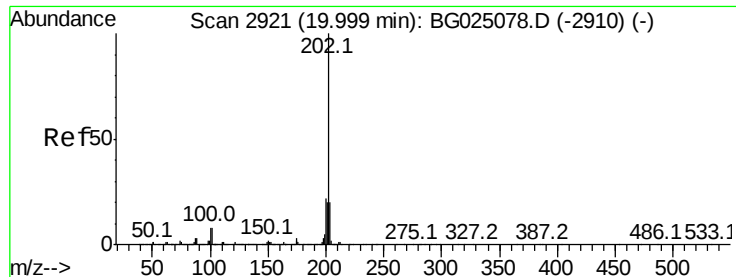
Tot Ion:165 Resp: 234028
 Ion Ratio Lower Upper
 165 100
 63 55.2 46.8 70.2
 182 1.6 1.8 2.6#



#68
 Pentachlorophenol
 Concen: 41.22 ng/ul
 RT: 17.25 min Scan# 2452
 Delta R.T. 0.00 min
 Lab File: BG025089.D
 Acq: 11 Dec 2016 4:25

Tgt Ion:266 Resp: 201950
 Ion Ratio Lower Upper
 266 100
 264 55.9 47.1 70.7
 268 61.0 56.2 84.4





#77

Pvrene

Concen: 40.01 ng/ul

RT: 20.00 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BG025089.D

Acq: 11 Dec 2016 4:25

Instrument :

BNA_G

ClientSampleId :

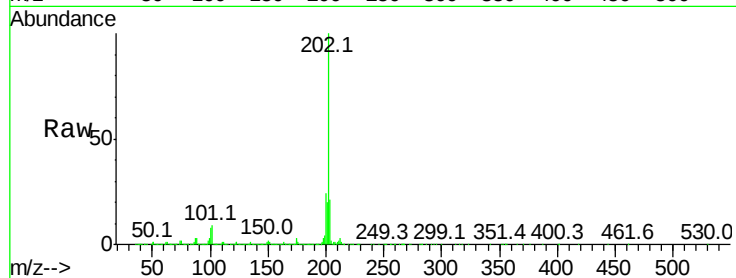
Tot Ion:202 Resp: 1577029

Ion Ratio Lower Upper

202 100

101 9.0 6.9 10.3

100 8.3 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

