

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
 Data File : BG025113.D
 Acq On : 12 Dec 2016 11:54
 Operator : UM/SJ
 Sample : SP3835
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP3835

Quant Time: Dec 13 00:31:51 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 13 00:29:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	63252	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	282707	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	243347	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	568207	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	667038	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	578595	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	172	0.14	ng/uL	0.00
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.56	67	202	0.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	70	0.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	116	0.03	ng/ul	0.01
19) Nitrobenzene-d5	9.41	128	141	0.07	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.68	165	59	0.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	70	0.01	ng/ul	-0.02
43) Dimethylphthalate-d6	14.29	166	60	0.00	ng/ul	0.03
46) Acenaphthylene-d8	14.57	160	85	0.00	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	267	0.09	ng/ul	0.00
57) Fluorene-d10	15.84	176	2232	0.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	98	0.03	ng/ul	-0.05
70) Anthracene-d10	17.70	188	817	0.03	ng/ul	0.00
76) Pyrene-d10	19.97	212	365	0.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	454	0.02	ng/ul	0.00

Target Compounds

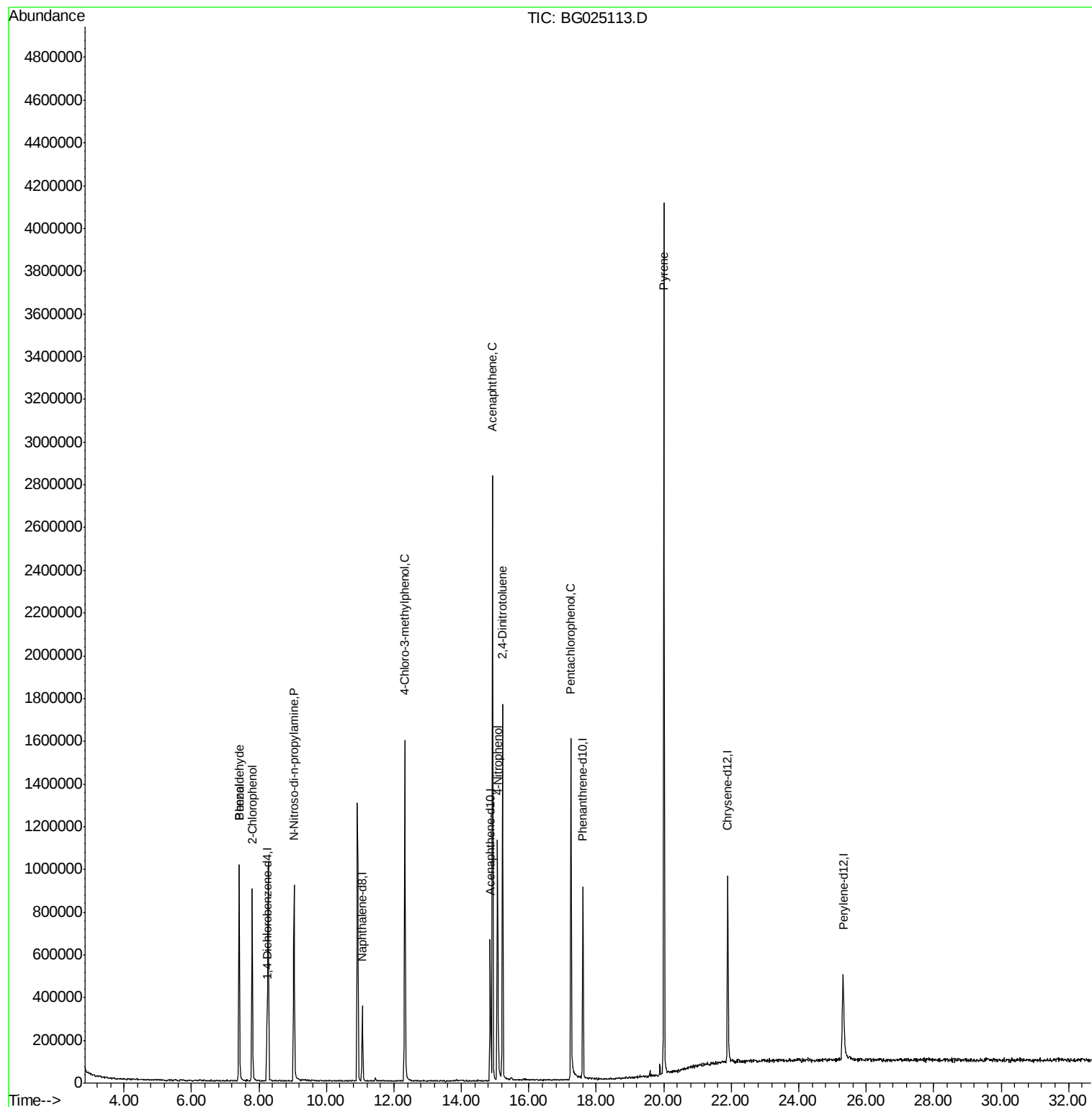
						Qvalue
4) Benzaldehyde	7.41	77	7222	1.76	ng/ul#	11
6) Phenol	7.41	94	551192	98.41	ng/ul	95
10) 2-Chlorophenol	7.80	128	359064	93.59	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.04	70	359181	89.61	ng/ul	91
33) 4-Chloro-3-methylphenol	12.32	107	574728	100.05	ng/ul	98
49) Acenaphthene	14.93	153	1127664	92.35	ng/ul	97
52) 4-Nitrophenol	15.07	109	298450	86.25	ng/ul	91
54) 2,4-Dinitrotoluene	15.22	165	486251	91.28	ng/ul	96
68) Pentachlorophenol	17.25	266	347475	80.08	ng/ul	91
77) Pyrene	20.00	202	2650089	82.65	ng/ul	98

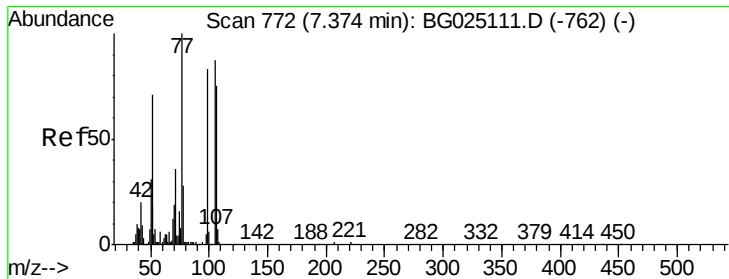
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025113.D
Acq On : 12 Dec 2016 11:54
Operator : UM/SJ
Sample : SP3835
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP3835

Quant Time: Dec 13 00:31:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 00:29:17 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.76 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. 0.04 min

Lab File: BG025113.D

Acq: 12 Dec 2016 11:54

Instrument :

BNA_G

ClientSampleId :

SP3835

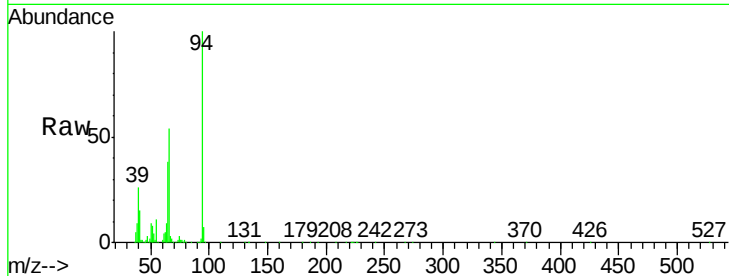
Tgt Ion: 77 Resp: 7222

Ion Ratio Lower Upper

77 100

105 0.0 62.0 93.0#

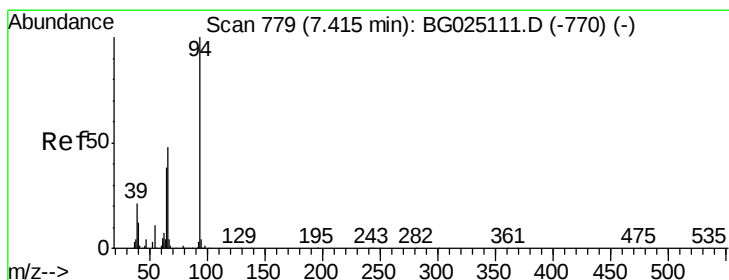
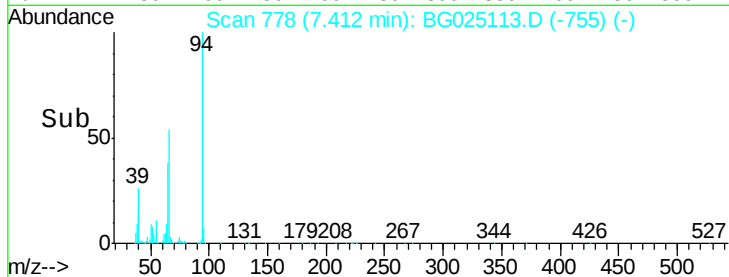
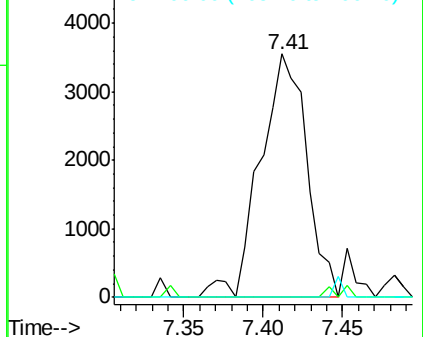
106 0.0 60.2 90.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#6

Phenol

Concen: 98.41 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG025113.D

Acq: 12 Dec 2016 11:54

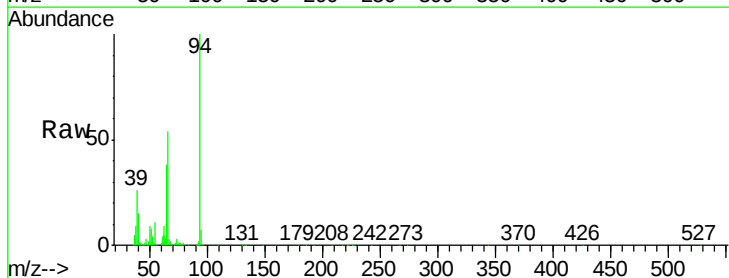
Tgt Ion: 94 Resp: 551192

Ion Ratio Lower Upper

94 100

65 37.9 26.8 40.2

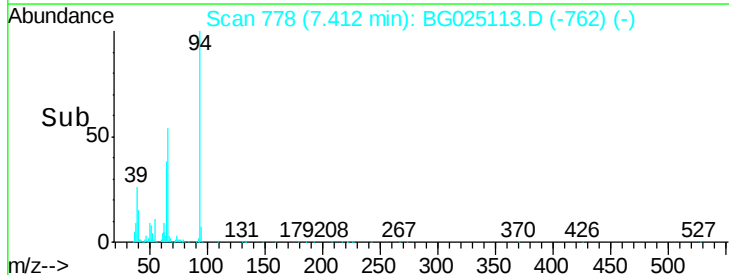
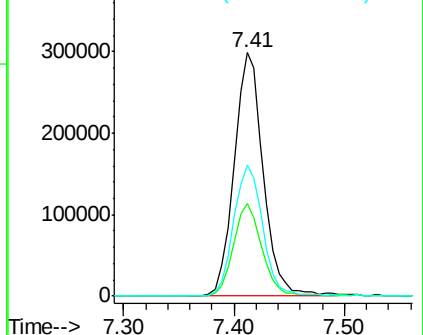
66 53.6 44.4 66.6

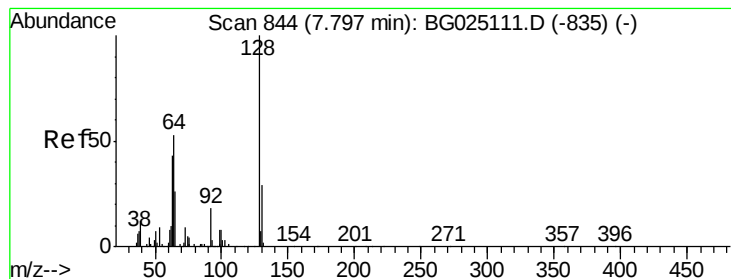


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#10

2-Chlorophenol

Concen: 93.59 ng/ul

RT: 7.80 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG025113.D

Acq: 12 Dec 2016 11:54

Instrument :

BNA_G

ClientSampled :

SP3835

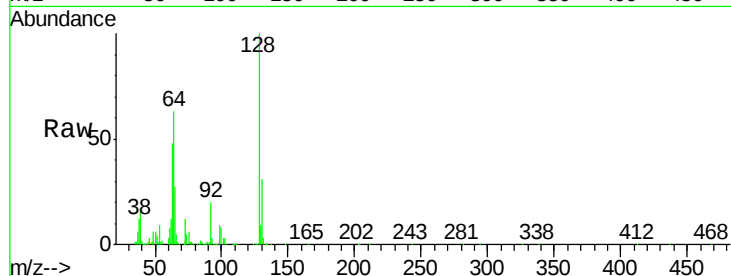
Tgt Ion:128 Resp: 359064

Ion Ratio Lower Upper

128 100

64 62.8 56.3 84.5

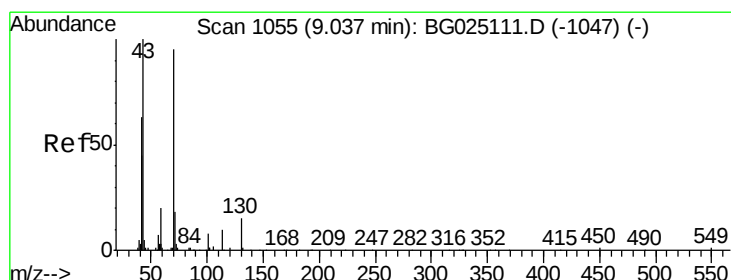
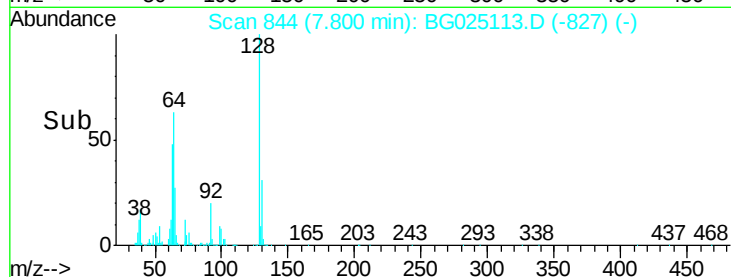
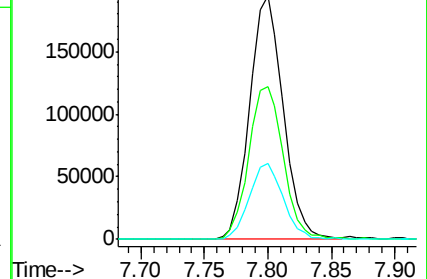
130 31.2 26.7 40.1



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: 89.61 ng/ul

RT: 9.04 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BG025113.D

Acq: 12 Dec 2016 11:54

Tgt Ion: 70 Resp: 359181

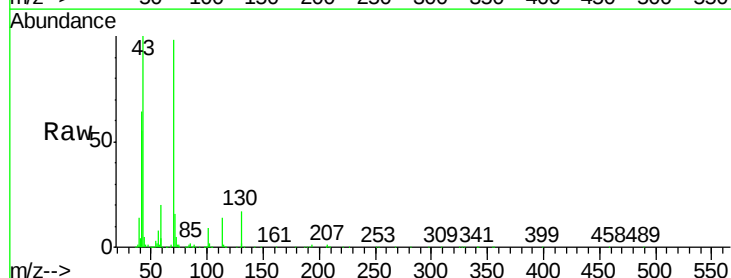
Ion Ratio Lower Upper

70 100

42 65.3 59.0 88.6

101 9.6 6.6 9.8

130 17.0 15.6 23.4

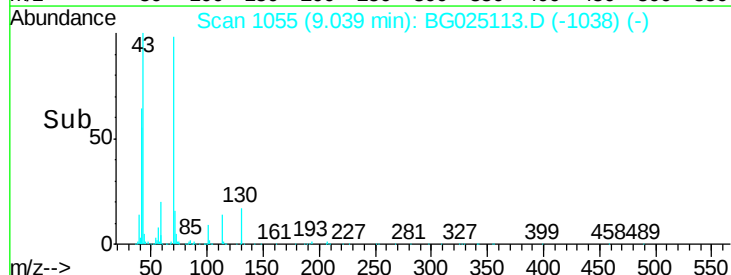
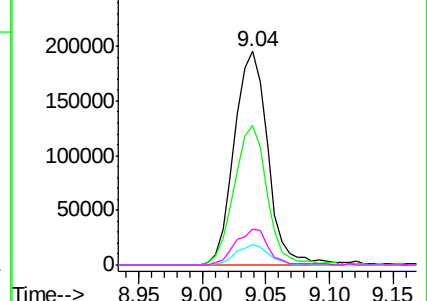


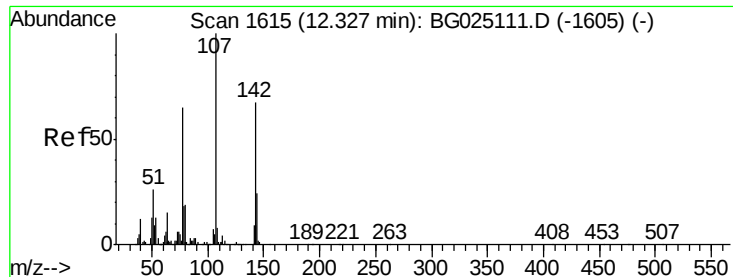
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

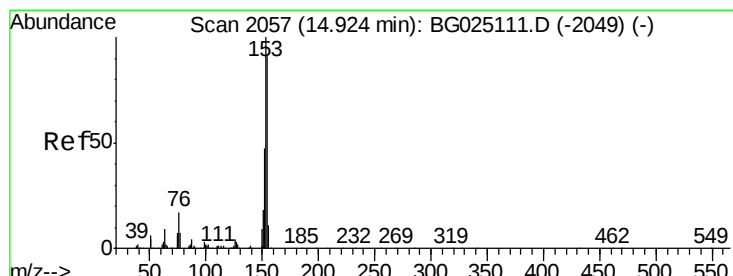
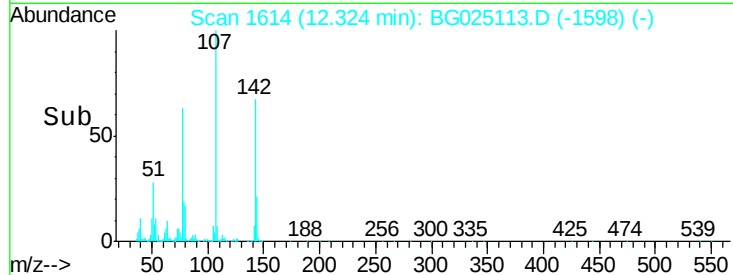
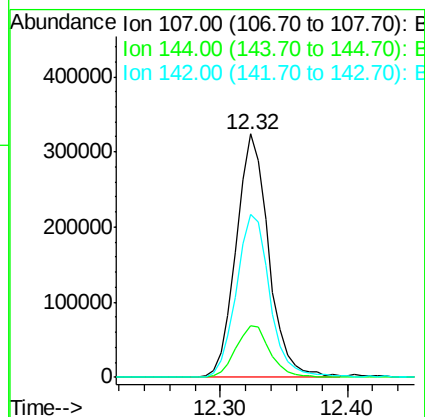
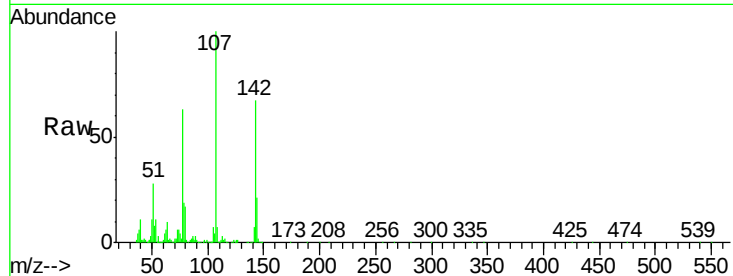




#33
 4-Chloro-3-methylphenol
 Concen: 100.05 ng/ul
 RT: 12.32 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG025113.D
 Acq: 12 Dec 2016 11:54

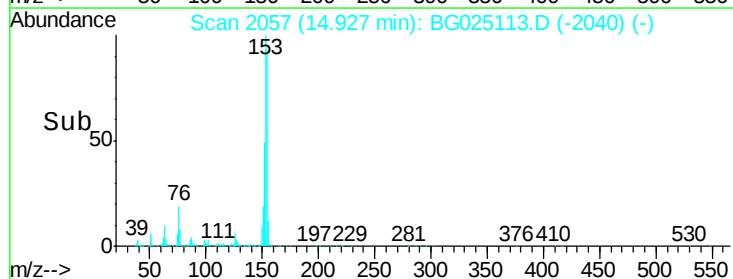
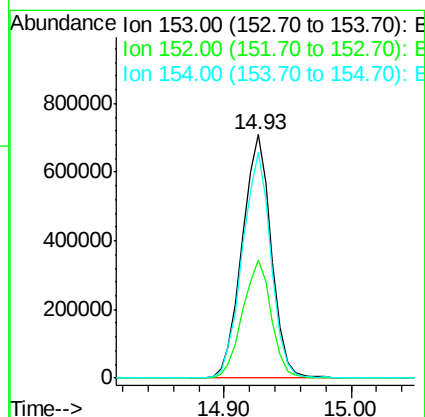
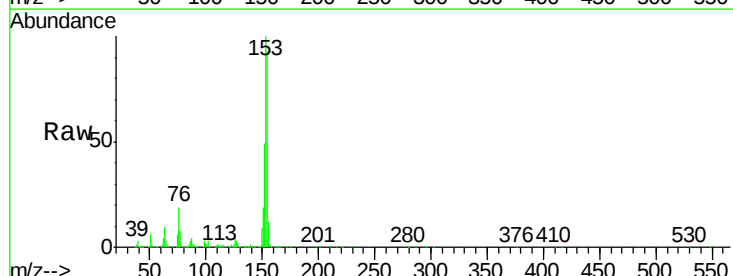
Instrument :
 BNA_G
 ClientSampleId :
 SP3835

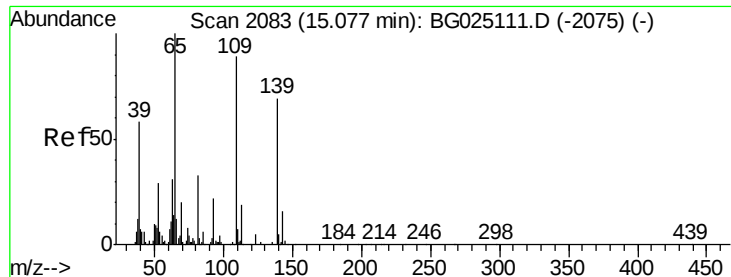
Tgt Ion:107 Resp: 574728
 Ion Ratio Lower Upper
 107 100
 144 21.2 18.2 27.4
 142 66.9 55.0 82.4



#49
 Acenaphthene
 Concen: 92.35 ng/ul
 RT: 14.93 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG025113.D
 Acq: 12 Dec 2016 11:54

Tgt Ion:153 Resp: 1127664
 Ion Ratio Lower Upper
 153 100
 152 48.6 36.5 54.7
 154 92.8 72.3 108.5





#52

4-Nitrophenol

Concen: 86.25 ng/ul

RT: 15.07 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BG025113.D

Acq: 12 Dec 2016 11:54

Instrument :

BNA_G

ClientSampleId :

SP3835

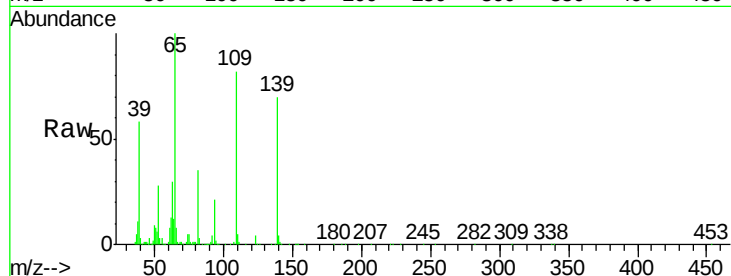
Tgt Ion:109 Resp: 298450

Ion Ratio Lower Upper

109 100

139 85.8 62.6 93.8

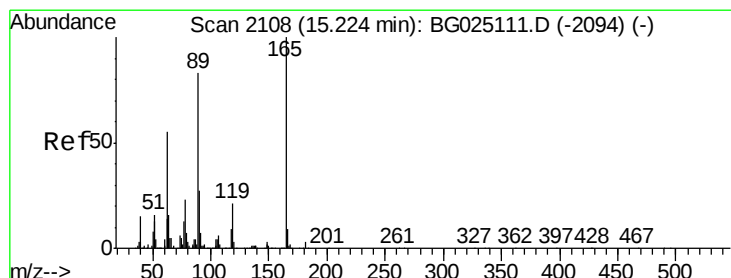
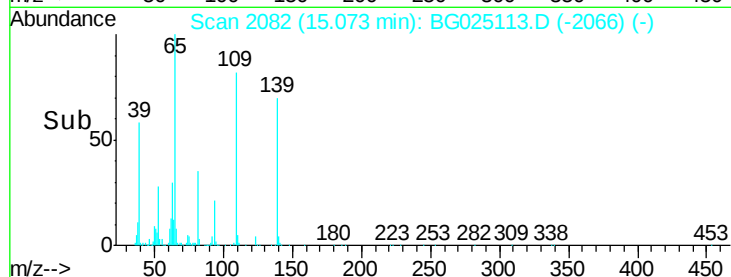
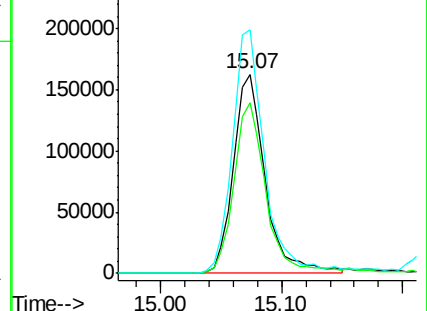
65 122.4 90.4 135.6



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: 91.28 ng/ul

RT: 15.22 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BG025113.D

Acq: 12 Dec 2016 11:54

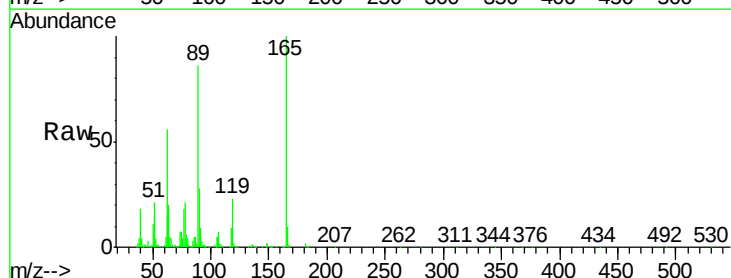
Tgt Ion:165 Resp: 486251

Ion Ratio Lower Upper

165 100

63 55.5 46.8 70.2

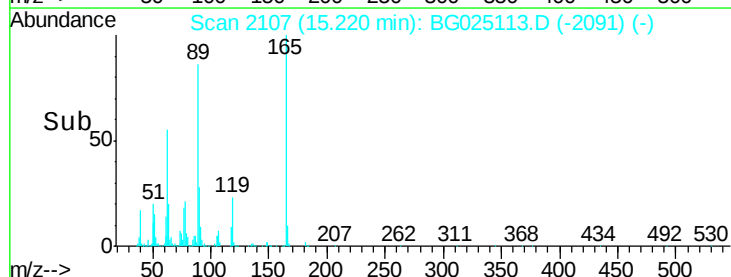
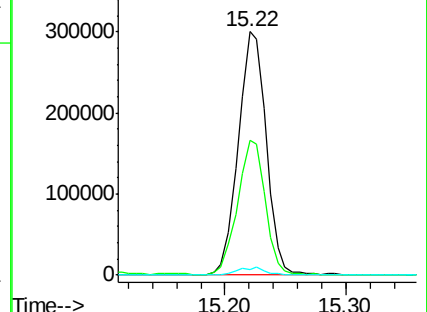
182 2.5 1.8 2.6

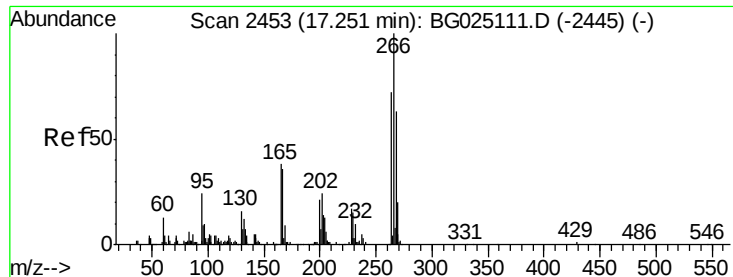


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

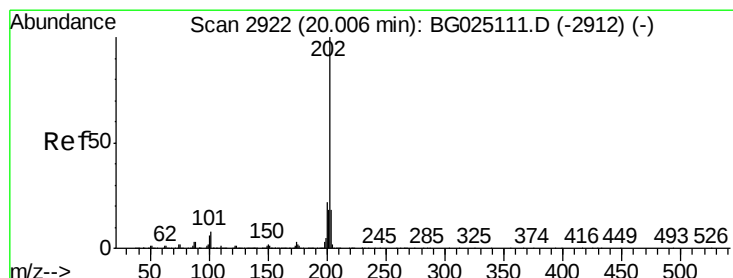
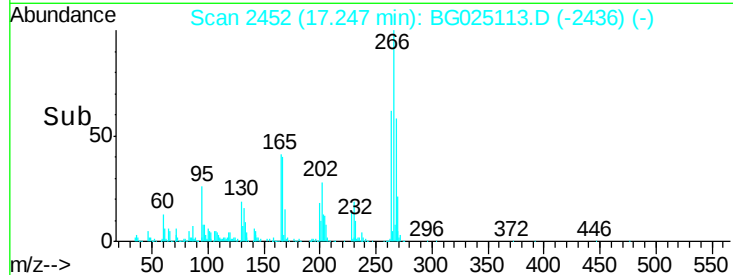
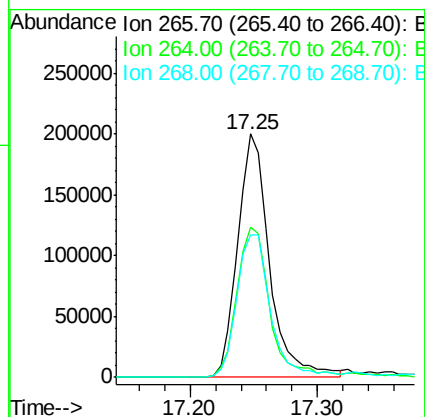
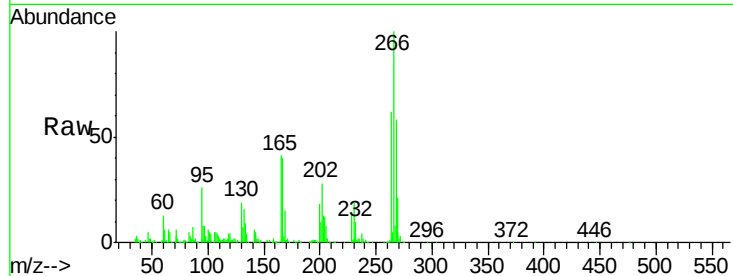




#68
 Pentachlorophenol
 Concen: 80.08 ng/ul
 RT: 17.25 min Scan# 2452
 Delta R.T. -0.00 min
 Lab File: BG025113.D
 Acq: 12 Dec 2016 11:54

Instrument :
 BNA_G
 ClientSampleId :
 SP3835

Tgt Ion:266 Resp: 347475
 Ion Ratio Lower Upper
 266 100
 264 61.6 47.1 70.7
 268 58.5 56.2 84.4



#77
 Pyrene
 Concen: 82.65 ng/ul
 RT: 20.00 min Scan# 2921
 Delta R.T. -0.00 min
 Lab File: BG025113.D
 Acq: 12 Dec 2016 11:54

Tgt Ion:202 Resp: 2650089
 Ion Ratio Lower Upper
 202 100
 101 9.8 6.9 10.3
 100 8.3 6.6 10.0

