

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 12:30:51 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	0.00	96	0d	0.00	ng/uL
5) Phenol-d5	0.00	99	0	0.00	ng/ul
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul
76) Pyrene-d10	0.00	212	0d	0.00	ng/ul
87) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul

Target Compounds

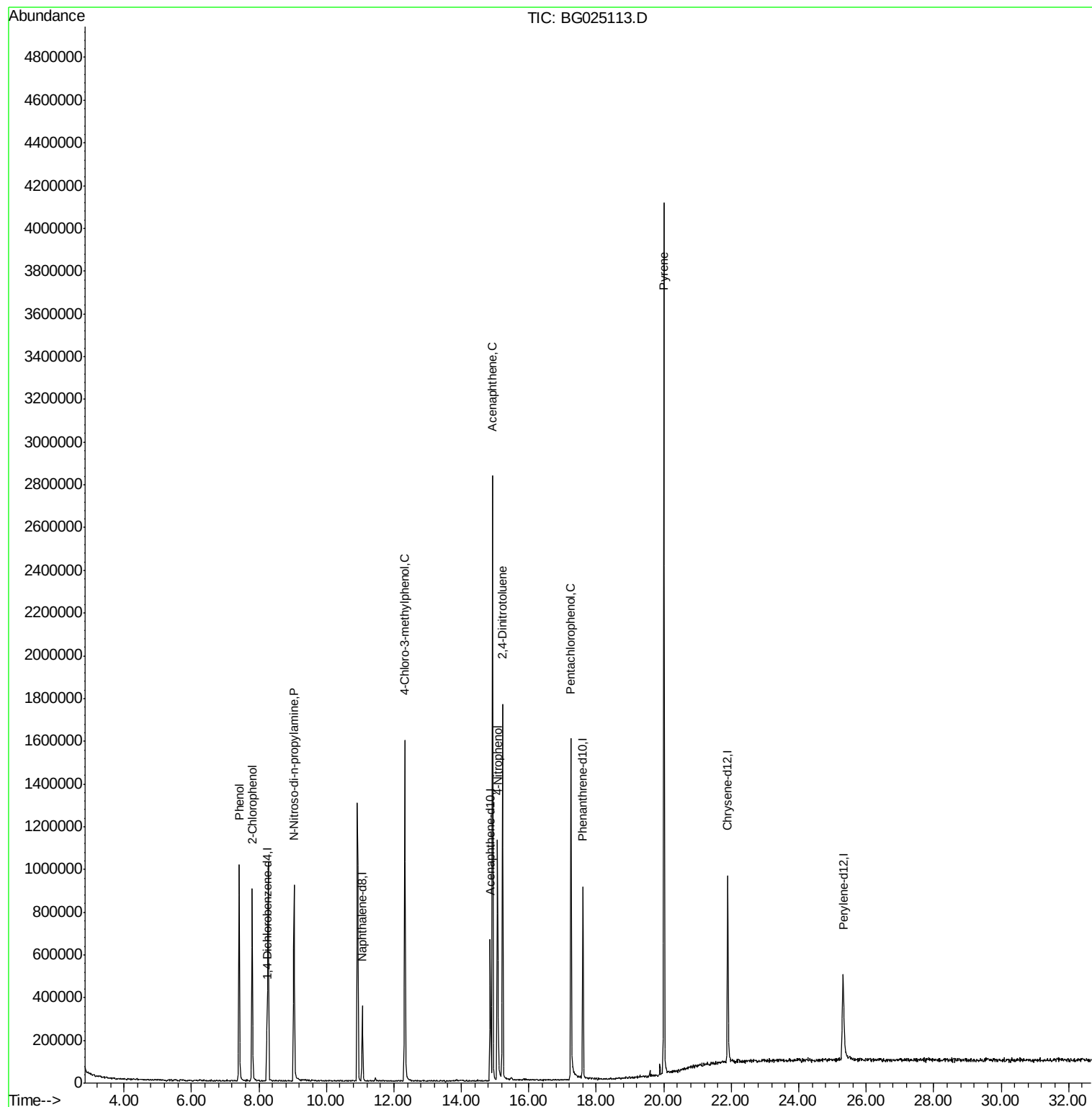
					Ovalue
6) Phenol	7.41	94	551192	98.41	ng/ul 95
10) 2-Chlorophenol	7.80	128	359064	93.59	ng/ul 92
15) N-Nitroso-di-n-propylamine	9.04	70	359181	89.61	ng/ul 91
33) 4-Chloro-3-methylphenol	12.32	107	574728	100.05	ng/ul 98
49) Acenaphthene	14.93	153	1127664	92.35	ng/ul 97
52) 4-Nitrophenol	15.07	109	298450	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

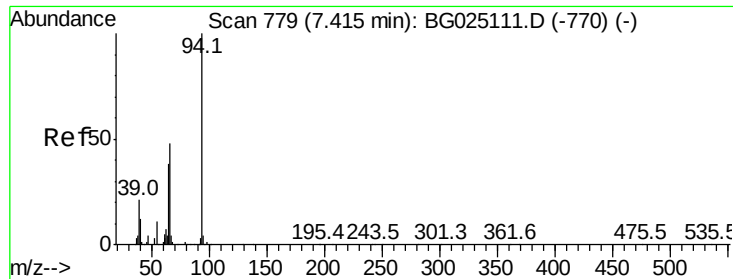
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

Instrument :

BNA_G

ClientSampleId :

SP3835

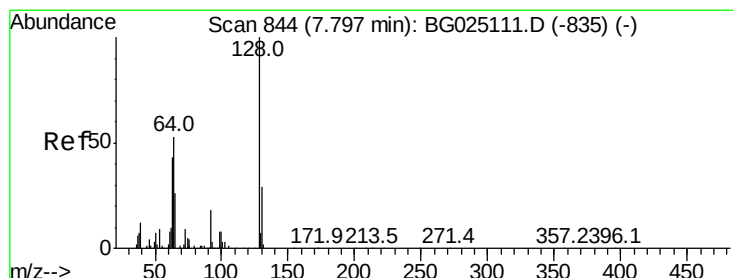
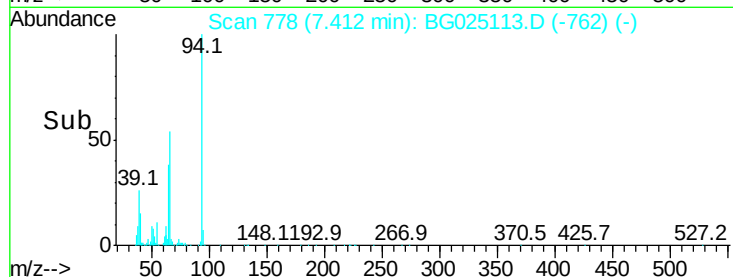
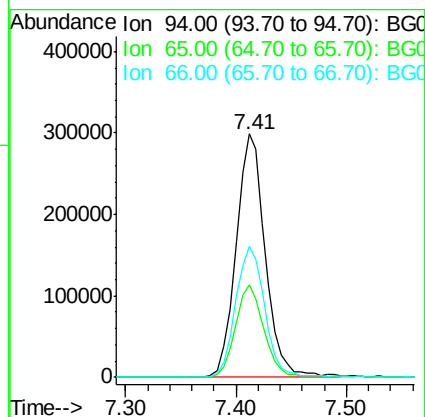
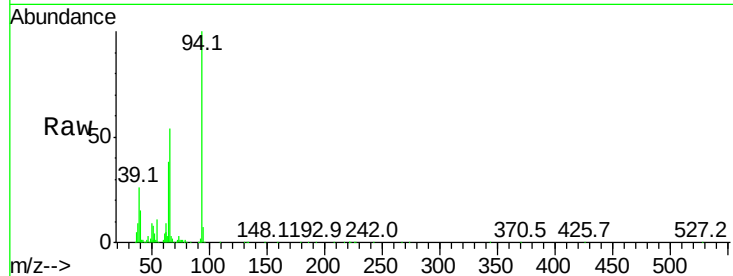
Tot Ion: 94 Resp: 551192

Ion Ratio Lower Upper

94 100

65 37.9 26.8 40.2

66 53.6 44.4 66.6



#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

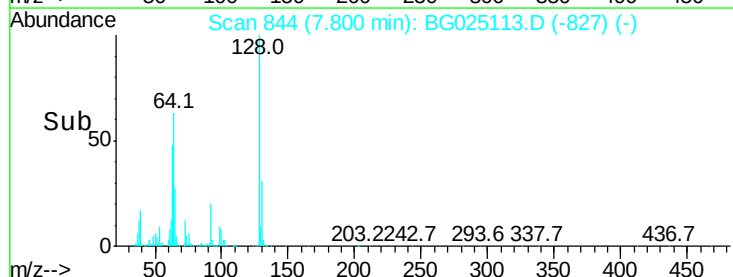
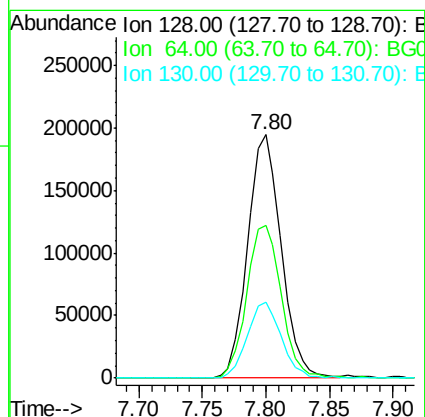
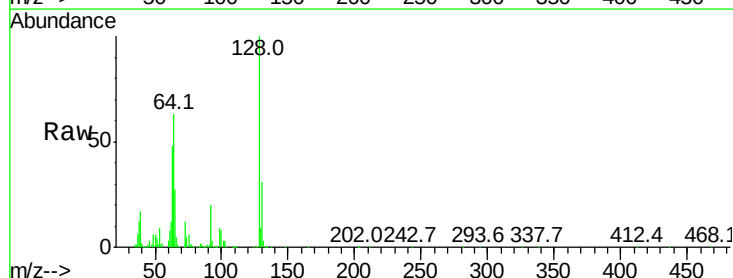
Tgt Ion:128 Resp: 359064

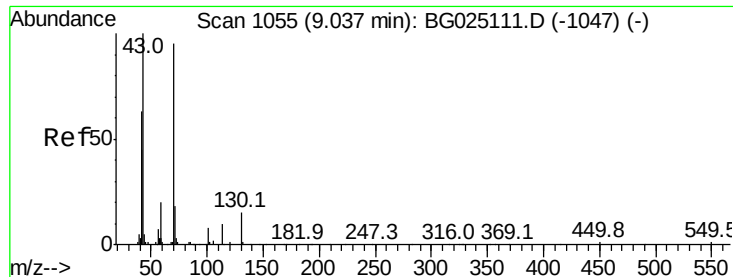
Ion Ratio Lower Upper

128 100

64 62.8 56.3 84.5

130 31.2 26.7 40.1

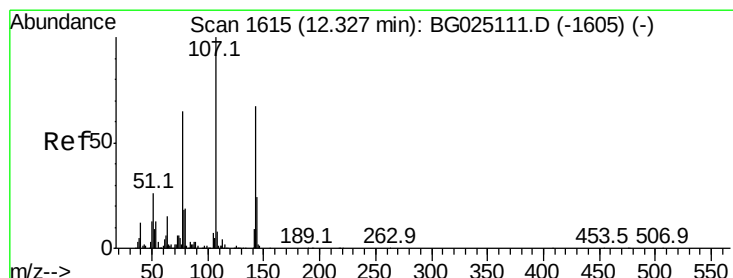
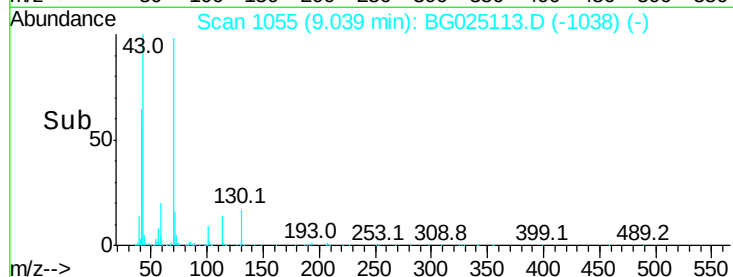
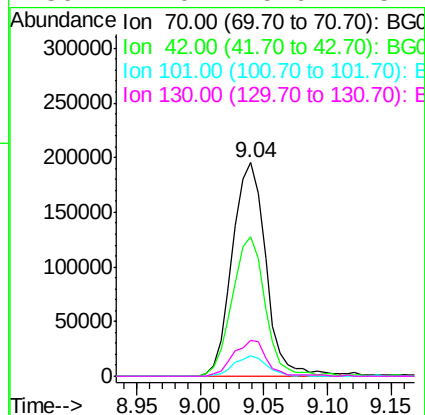
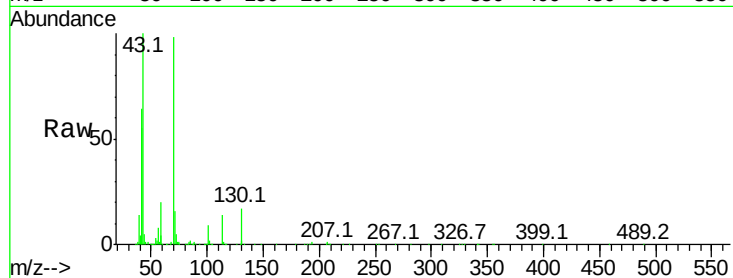




#15
N-Nitroso-di-n-propylamine
Concen: 89.61 ng/ul
RT: 9.04 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG025113.D
Acq: 12 Dec 2016 11:54

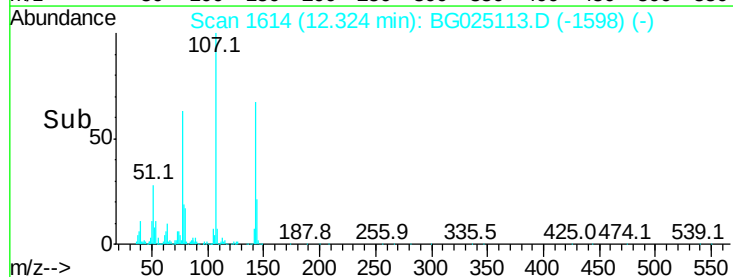
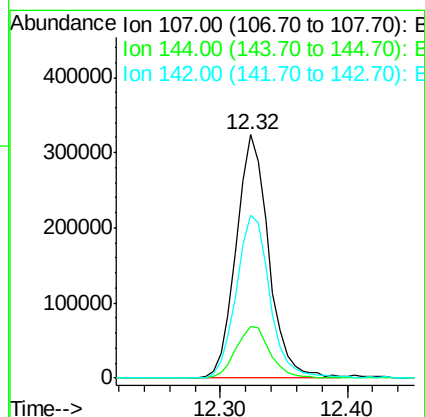
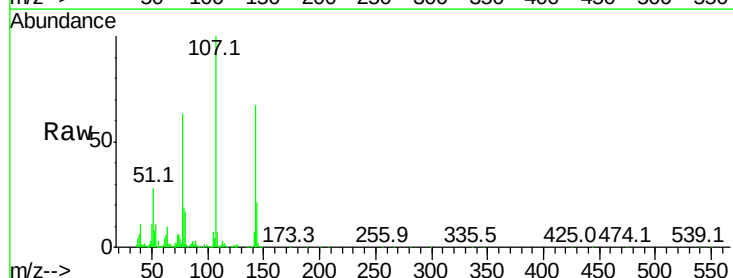
Instrument :
BNA_G
ClientSampleId :
SP3835

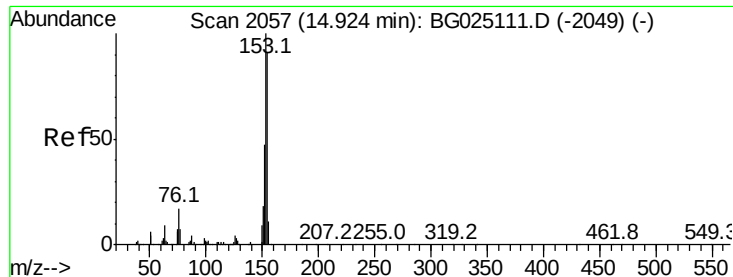
Tot Ion:	70	Resp:	359181
Ion	Ratio	Lower	Upper
70	100		
42	65.3	59.0	88.6
101	9.6	6.6	9.8
130	17.0	15.6	23.4



#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

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

Instrument :

BNA_G

ClientSampleId :

SP3835

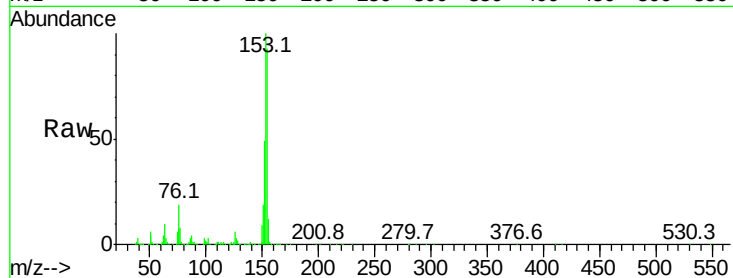
Tot Ion:153 Resp: 1127664

Ion Ratio Lower Upper

153 100

152 48.6 36.5 54.7

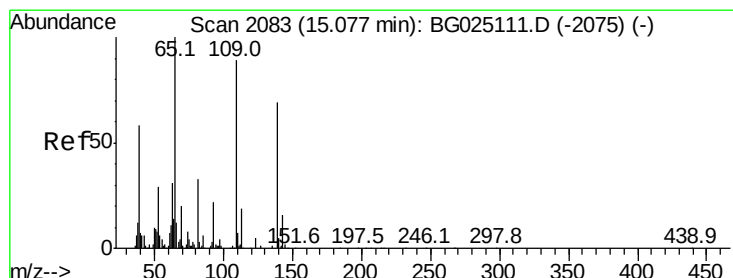
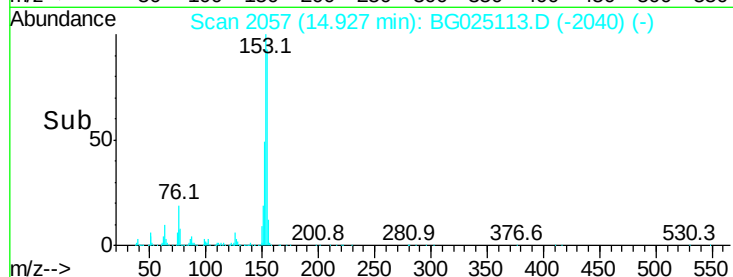
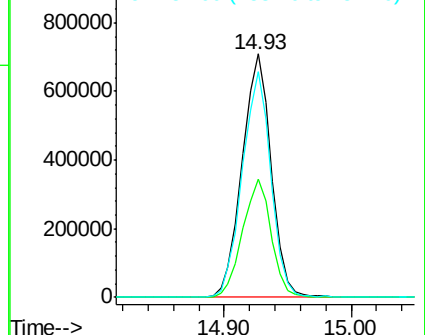
154 92.8 72.3 108.5



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: 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

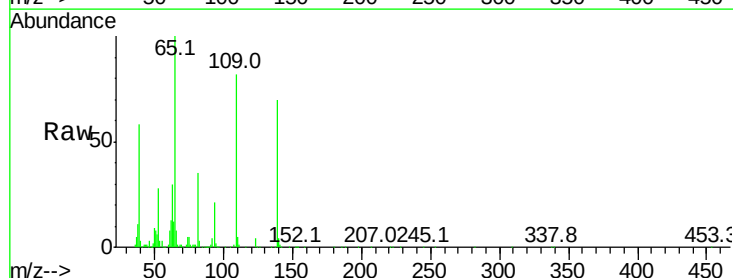
Tgt Ion:109 Resp: 298450

Ion Ratio Lower Upper

109 100

139 85.8 62.6 93.8

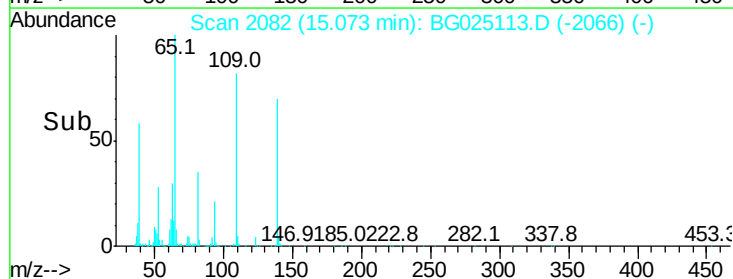
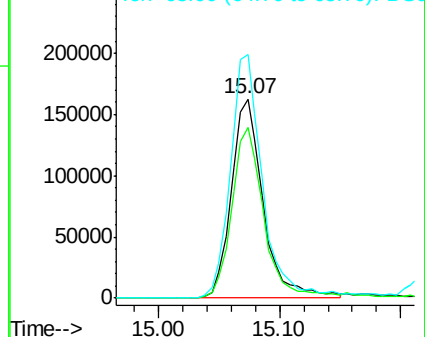
65 122.4 90.4 135.6

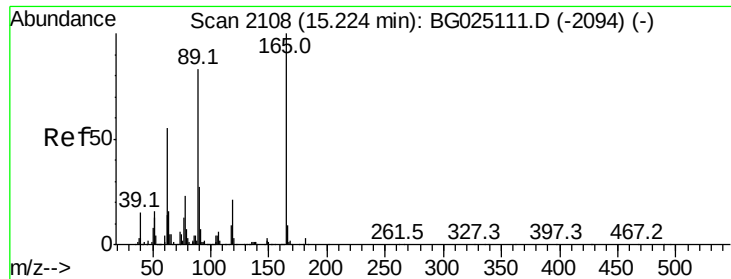


Abundance Ion 109.00 (108.70 to 109.70): E

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

Instrument :

BNA_G

ClientSampleId :

SP3835

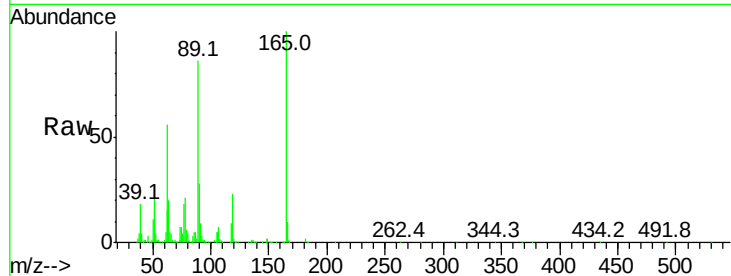
Tot Ion:165 Resp: 486251

Ion Ratio Lower Upper

165 100

63 55.5 46.8 70.2

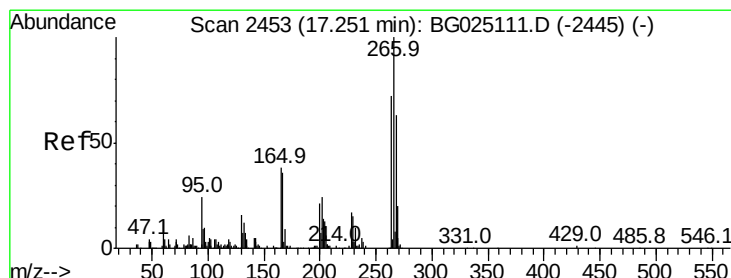
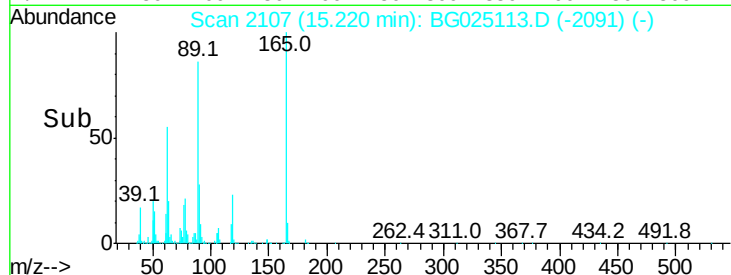
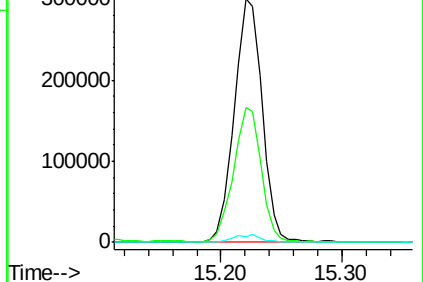
182 2.5 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

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

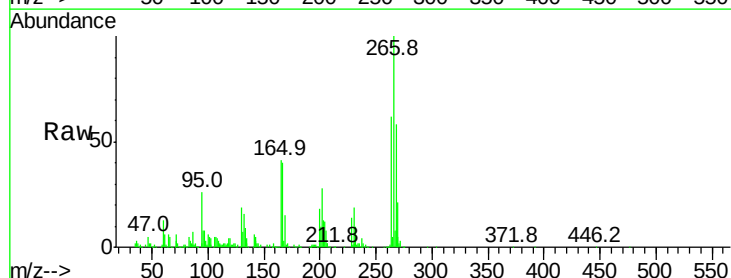
Tgt Ion:266 Resp: 347475

Ion Ratio Lower Upper

266 100

264 61.6 47.1 70.7

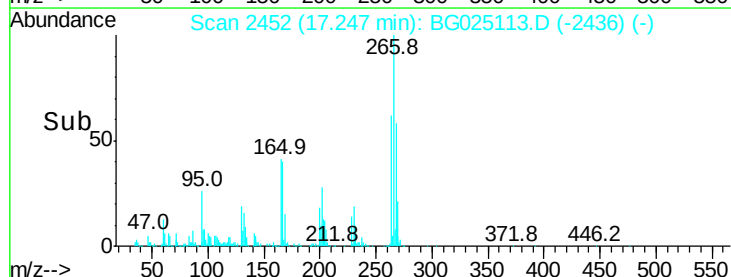
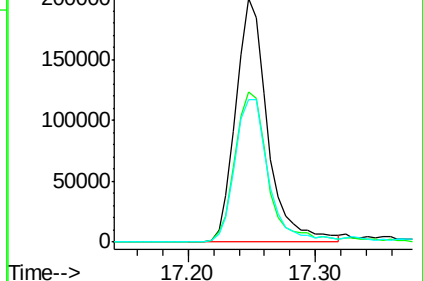
268 58.5 56.2 84.4

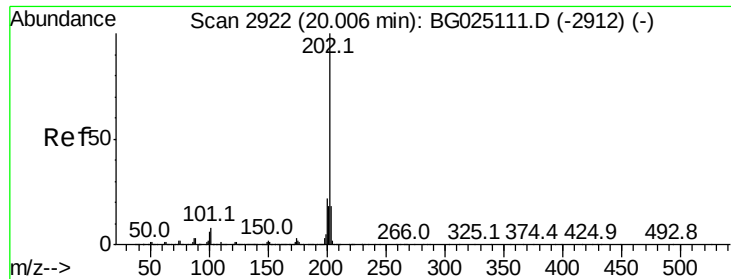


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#77
 Pvrene
 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

Instrument :
 BNA_G
 ClientSampleId :
 SP3835

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

