

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
 Data File : BG018854.D
 Acq On : 23 Sep 2015 17:04
 Operator : UM/NP
 Sample : G3759-11MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHAD3MSD

Quant Time: Sep 24 04:12:52 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 24 04:11:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	67744	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	291920	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	193081	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	482043	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	563339	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	561773	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	5511	3.91	ng/uL	0.00
5) Phenol-d5	7.16	99	125855	22.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	74381	23.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	100702	23.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	102459	22.70	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	53487	24.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	58124	26.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	107658	22.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	137280	25.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	343908	22.13	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	411490	22.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	57354	19.23	ng/ul	0.00
58) Fluorene-d10	15.62	176	293244	21.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	26853	11.77	ng/ul	0.00
71) Anthracene-d10	17.37	188	482043	22.71	ng/ul	-0.10
79) Pyrene-d10	19.75	212	486702	18.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	363877	13.31	ng/ul	0.00

Target Compounds

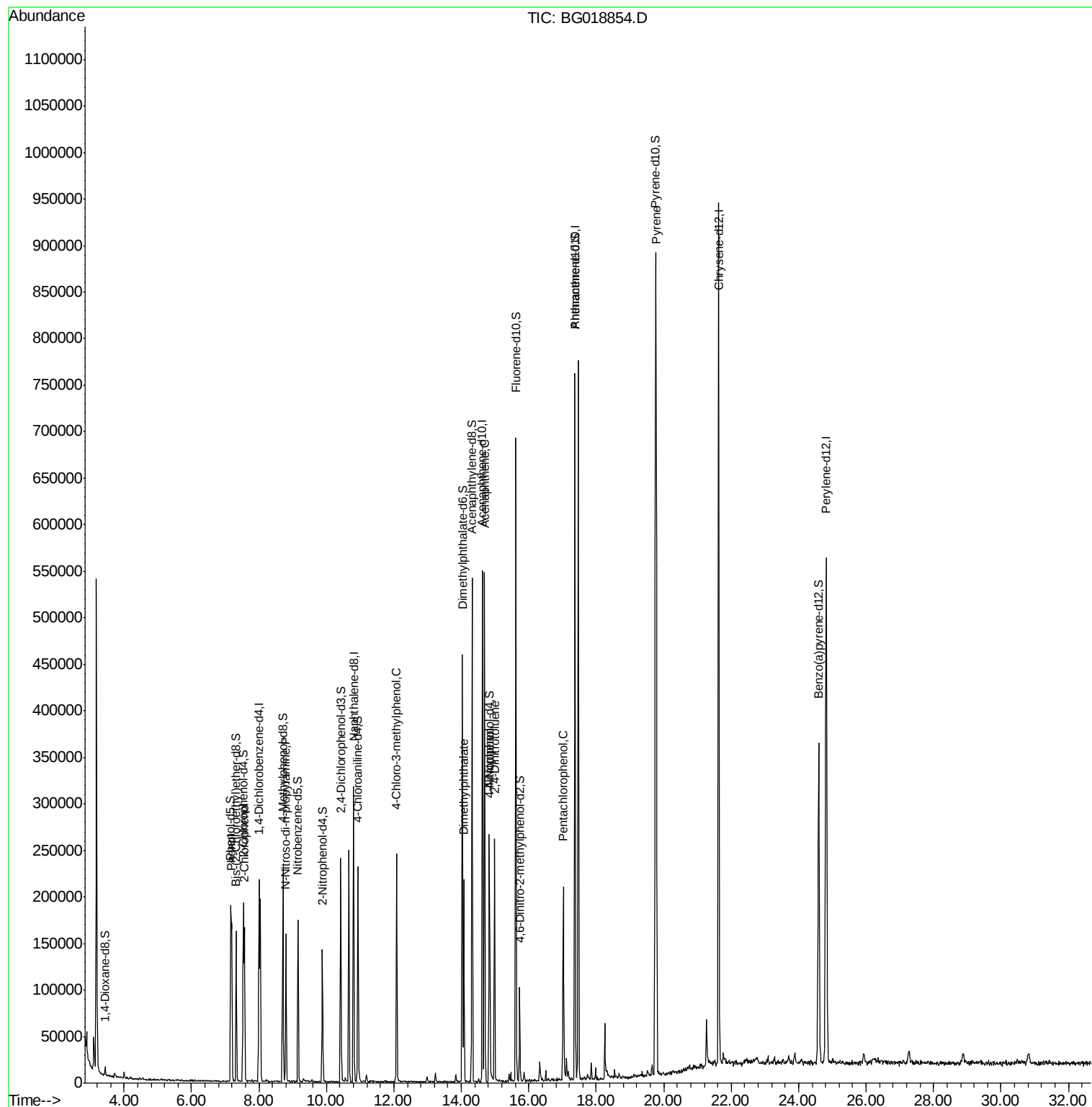
						Ovalue
6) Phenol	7.19	94	110422	19.19	ng/ul#	85
10) 2-Chlorophenol	7.56	128	86492	19.83	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.80	70	64973	18.32	ng/ul#	83
33) 4-Chloro-3-methylphenol	12.08	107	94366	18.89	ng/ul	98
45) Dimethylphthalate	14.07	163	149373	9.92	ng/ul#	97
50) Acenaphthene	14.69	153	242130	18.35	ng/ul	99
53) 4-Nitrophenol	14.84	109	33847	16.56	ng/ul	88
55) 2,4-Dinitrotoluene	14.98	165	83991	18.63	ng/ul#	80
69) Pentachlorophenol	17.02	266	42926	14.06	ng/ul	97
80) Pyrene	19.78	202	533746	16.11	ng/ul	96

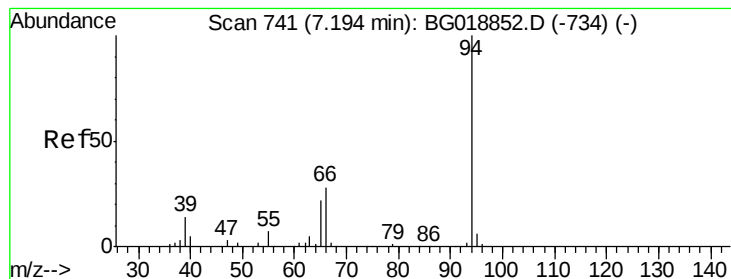
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 19.19 ng/ul

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG018854.D

Acq: 23 Sep 2015 17:04

Instrument :

BNA_G

ClientSampleId :

JHAD3MSD

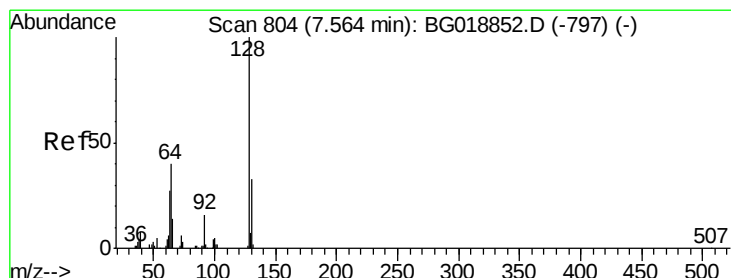
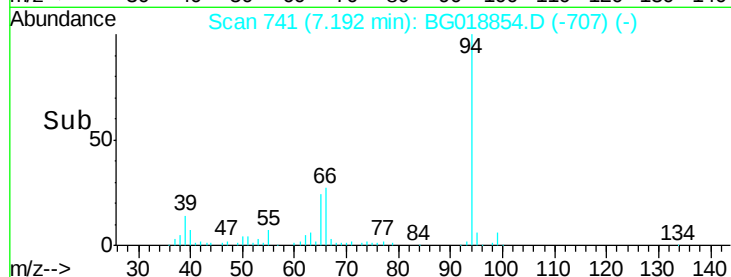
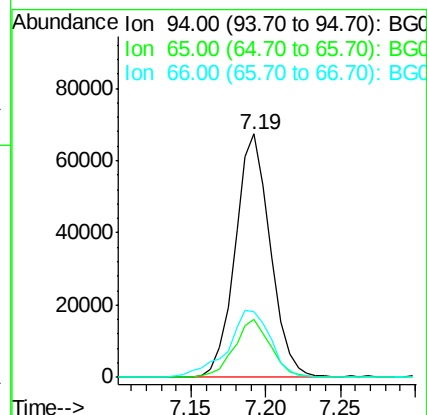
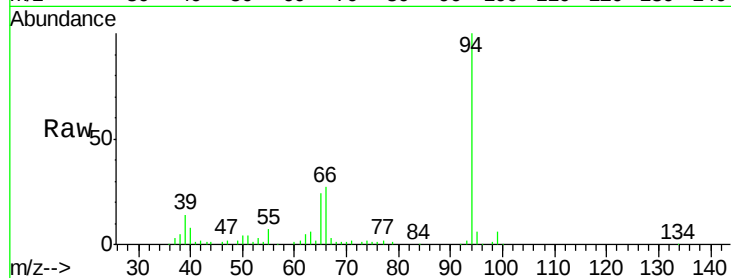
Tot Ion: 94 Resp: 110422

Ion Ratio Lower Upper

94 100

65 24.0 23.0 34.6

66 27.1 31.0 46.4#



#10

2-Chlorophenol

Concen: 19.83 ng/ul

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG018854.D

Acq: 23 Sep 2015 17:04

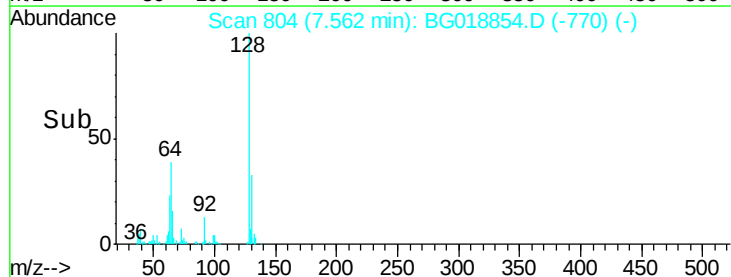
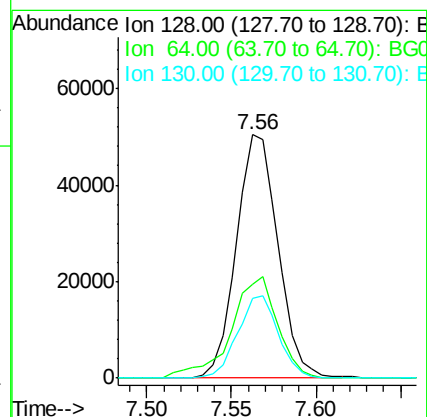
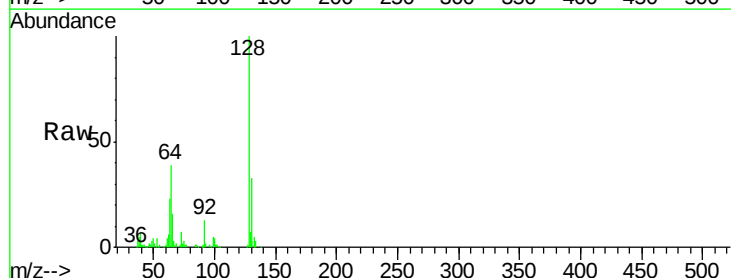
Tgt Ion: 128 Resp: 86492

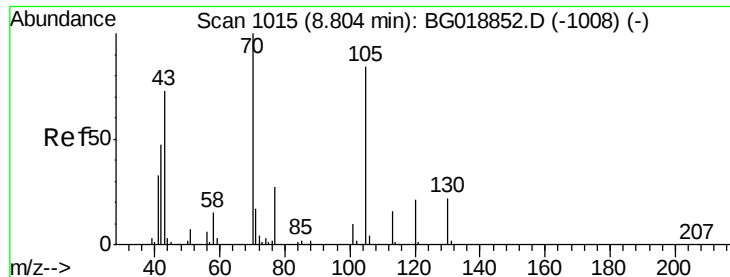
Ion Ratio Lower Upper

128 100

64 38.7 40.9 61.3#

130 32.9 24.5 36.7





#15

N-Nitroso-di-n-propylamine

Concen: 18.32 ng/ul

RT: 8.80 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG018854.D

Acq: 23 Sep 2015 17:04

Instrument :

BNA_G

ClientSampleId :

JHAD3MSD

Tot Ion: 70 Resp: 64973

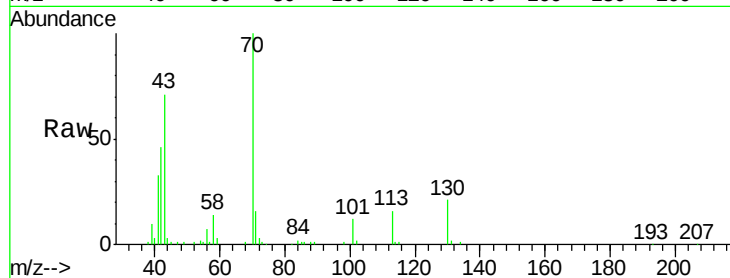
Ion Ratio Lower Upper

70 100

42 45.6 50.7 76.1#

101 12.2 7.4 11.2#

130 20.5 15.8 23.6

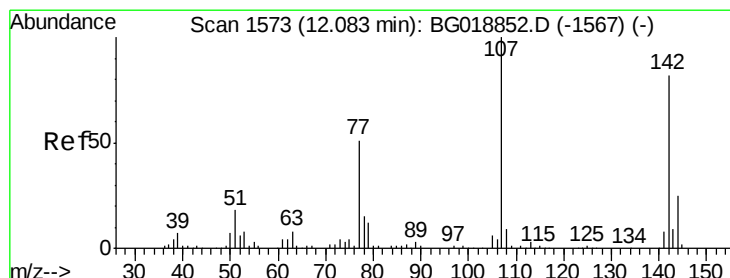
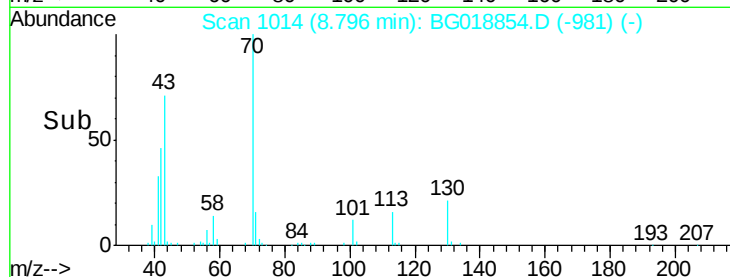
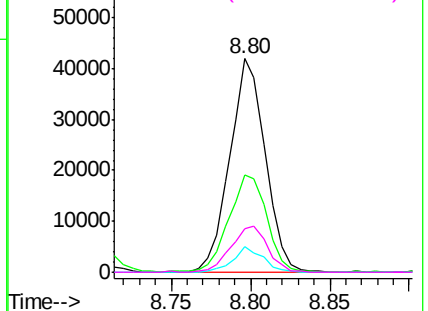


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 18.89 ng/ul

RT: 12.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BG018854.D

Acq: 23 Sep 2015 17:04

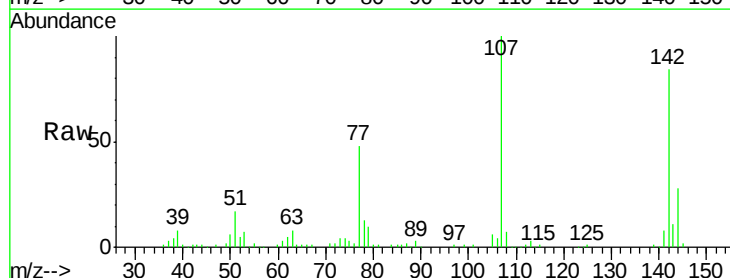
Tgt Ion: 107 Resp: 94366

Ion Ratio Lower Upper

107 100

144 28.0 21.4 32.2

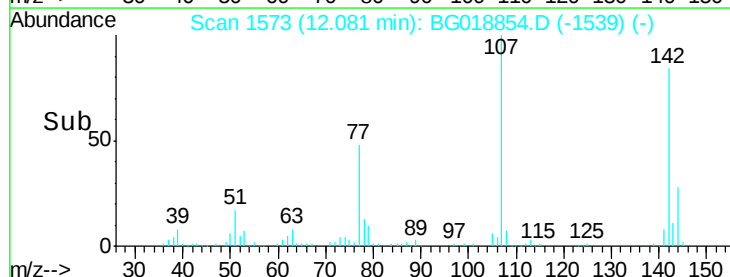
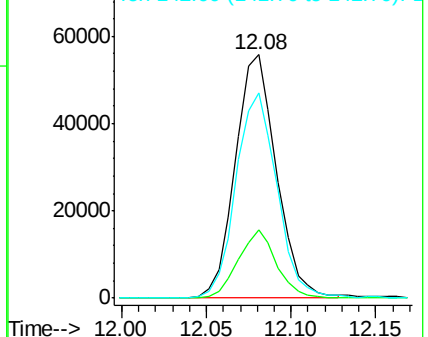
142 84.2 66.0 99.0

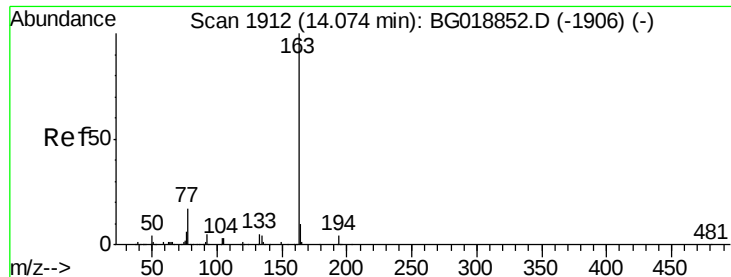


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 144.00 (143.70 to 144.70): BGC

Ion 142.00 (141.70 to 142.70): BGC





#45

Dimethylphthalate

Concen: 9.92 ng/ul

RT: 14.07 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG018854.D

Acq: 23 Sep 2015 17:04

Instrument :

BNA_G

ClientSampleId :

JHAD3MSD

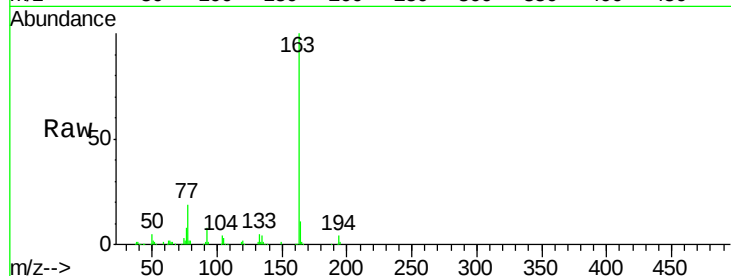
Tot Ion:163 Resp: 149373

Ion Ratio Lower Upper

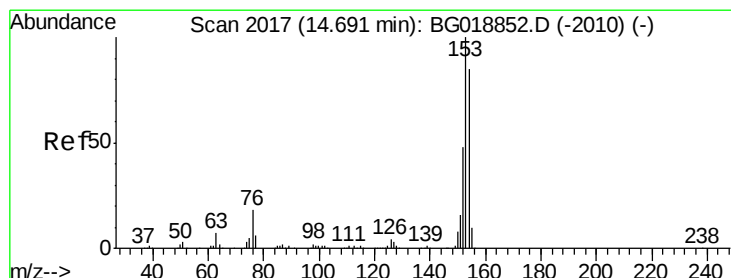
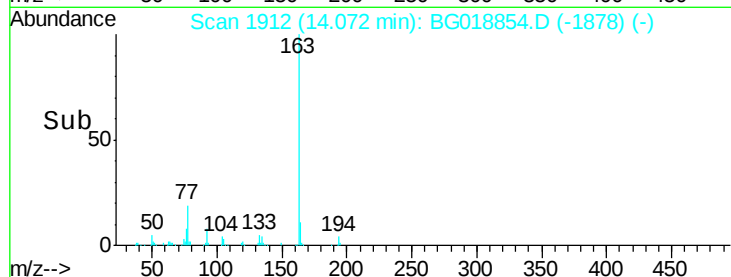
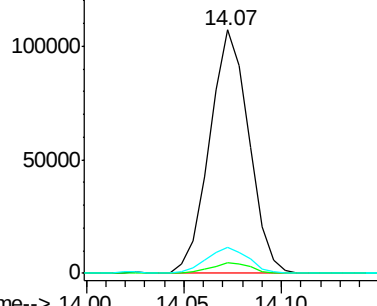
163 100

194 4.4 2.9 4.3#

164 10.7 7.7 11.5



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



#50

Acenaphthene

Concen: 18.35 ng/ul

RT: 14.69 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG018854.D

Acq: 23 Sep 2015 17:04

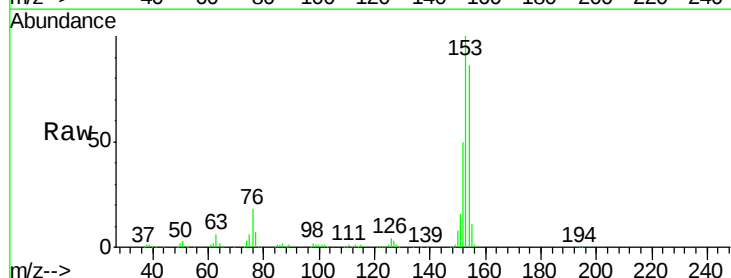
Tgt Ion:153 Resp: 242130

Ion Ratio Lower Upper

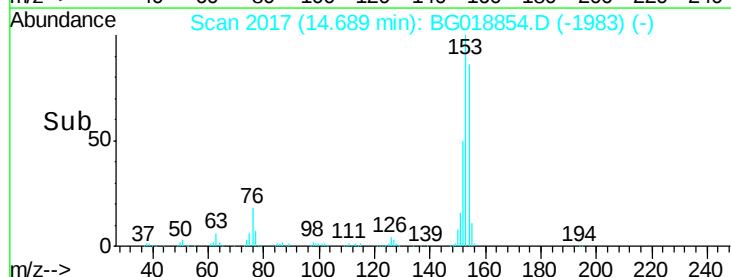
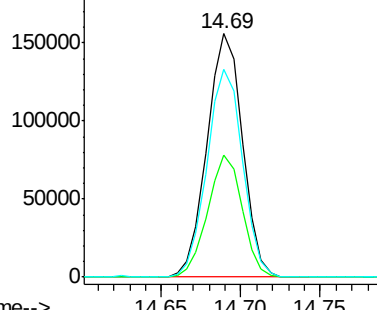
153 100

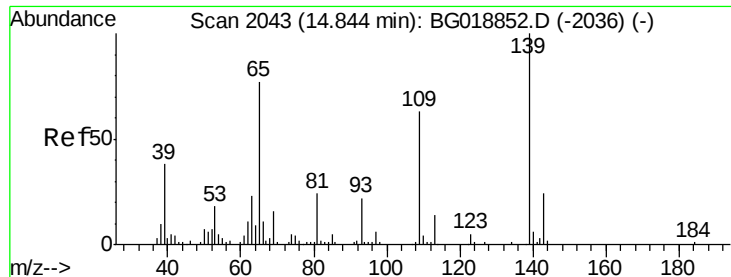
152 49.9 38.2 57.4

154 85.6 68.6 103.0



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

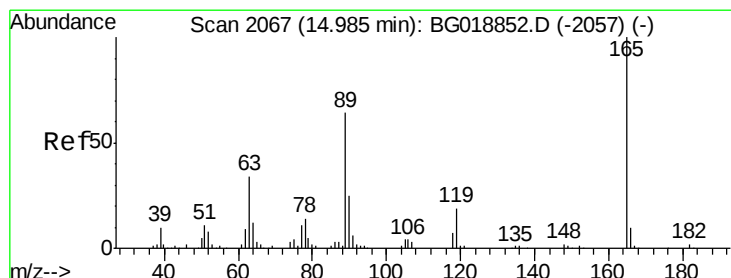
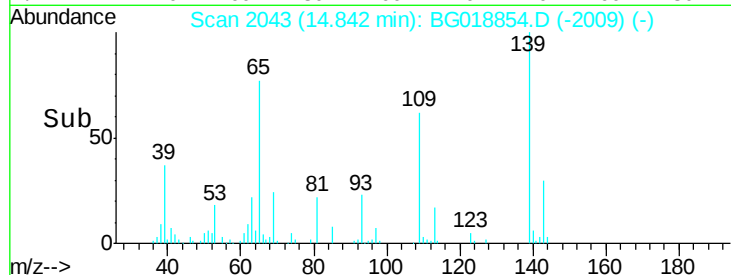
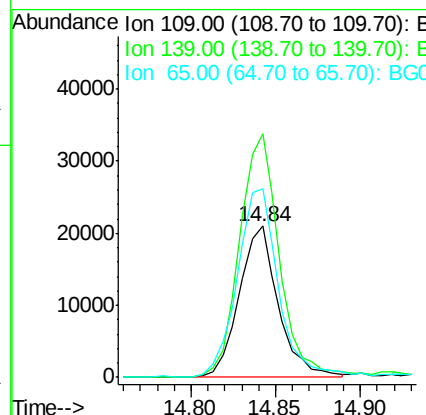
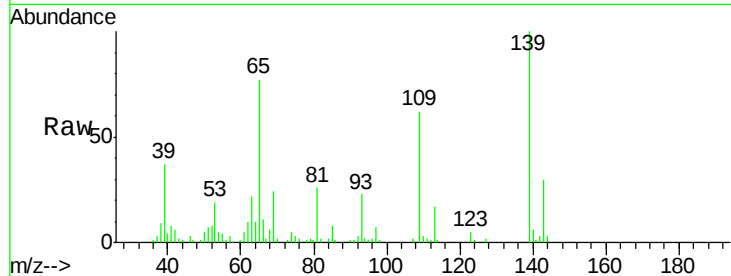




#53
4-Nitrophenol
Concen: 16.56 ng/ul
RT: 14.84 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG018854.D
Acq: 23 Sep 2015 17:04

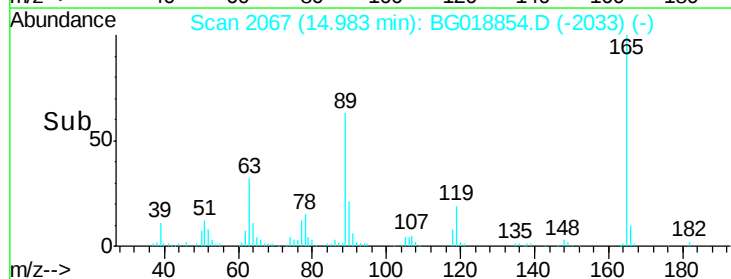
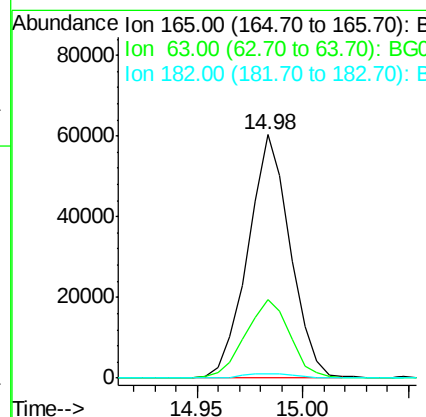
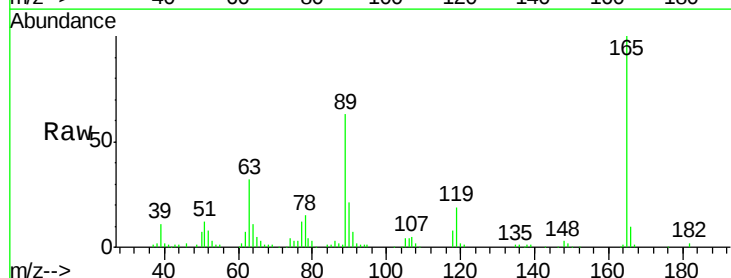
Instrument :
BNA_G
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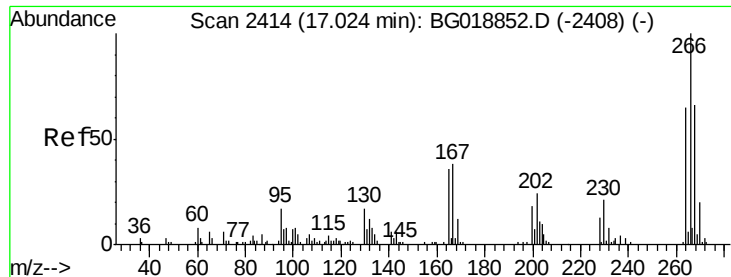
Tot Ion:109 Resp: 33847
Ion Ratio Lower Upper
109 100
139 160.8 111.3 166.9
65 124.6 105.3 157.9



#55
2,4-Dinitrotoluene
Concen: 18.63 ng/ul
RT: 14.98 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BG018854.D
Acq: 23 Sep 2015 17:04

Tgt Ion:165 Resp: 83991
Ion Ratio Lower Upper
165 100
63 32.3 36.7 55.1#
182 1.9 2.2 3.2#

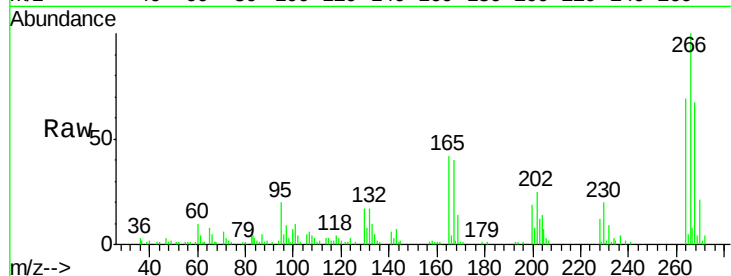




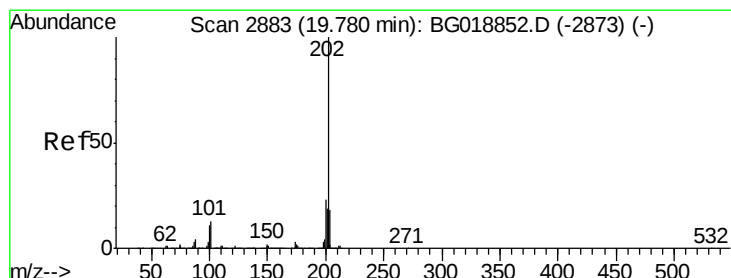
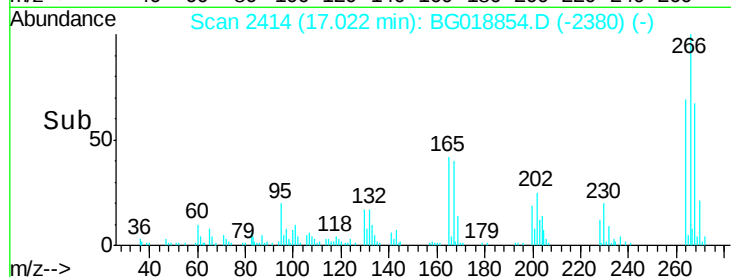
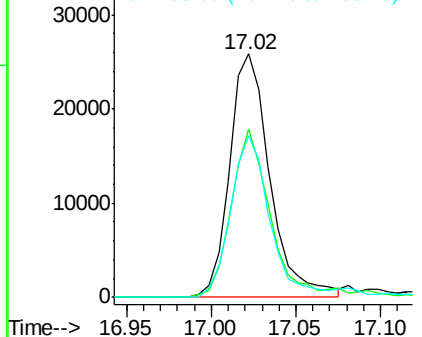
#69
 Pentachlorophenol
 Concen: 14.06 ng/ul
 RT: 17.02 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG018854.D
 Acq: 23 Sep 2015 17:04

Instrument :
 BNA_G
 ClientSampleId :
 JHAD3MSD

Tot Ion:266 Resp: 42926
 Ion Ratio Lower Upper
 266 100
 264 68.9 55.4 83.0
 268 71.0 53.6 80.4

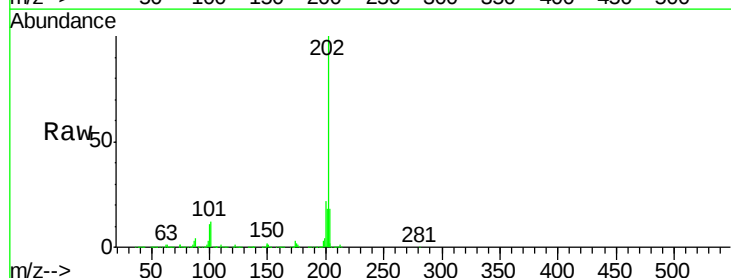


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 16.11 ng/ul
 RT: 19.78 min Scan# 2884
 Delta R.T. 0.00 min
 Lab File: BG018854.D
 Acq: 23 Sep 2015 17:04

Tgt Ion:202 Resp: 533746
 Ion Ratio Lower Upper
 202 100
 101 11.8 11.0 16.4
 100 10.7 9.8 14.6



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

