

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092515\
 Data File : BG018912.D
 Acq On : 26 Sep 2015 14:39
 Operator : UM/NP
 Sample : G3797-08MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9G77MS

Quant Time: Sep 28 00:53:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 28 00:51:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	45907	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	193324	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	130296	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	354883	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	419275	20.00	ng/ul	0.00
86) Perylene-d12	24.78	264	425795	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	2171	2.27	ng/uL	0.00
5) Phenol-d5	7.16	99	47660	12.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	62432	28.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	81309	28.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	67712	22.14	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	44177	30.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	47328	32.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	91718	29.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	60	0.02	ng/ul	0.01
44) Dimethylphthalate-d6	14.01	166	320577	30.57	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	269752	21.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	24860	12.35	ng/ul	0.00
58) Fluorene-d10	15.61	176	159796	17.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	35524	21.15	ng/ul	0.00
71) Anthracene-d10	17.45	188	108095	6.92	ng/ul	0.00
79) Pyrene-d10	19.74	212	241706	12.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	161650	7.80	ng/ul	0.00

Target Compounds

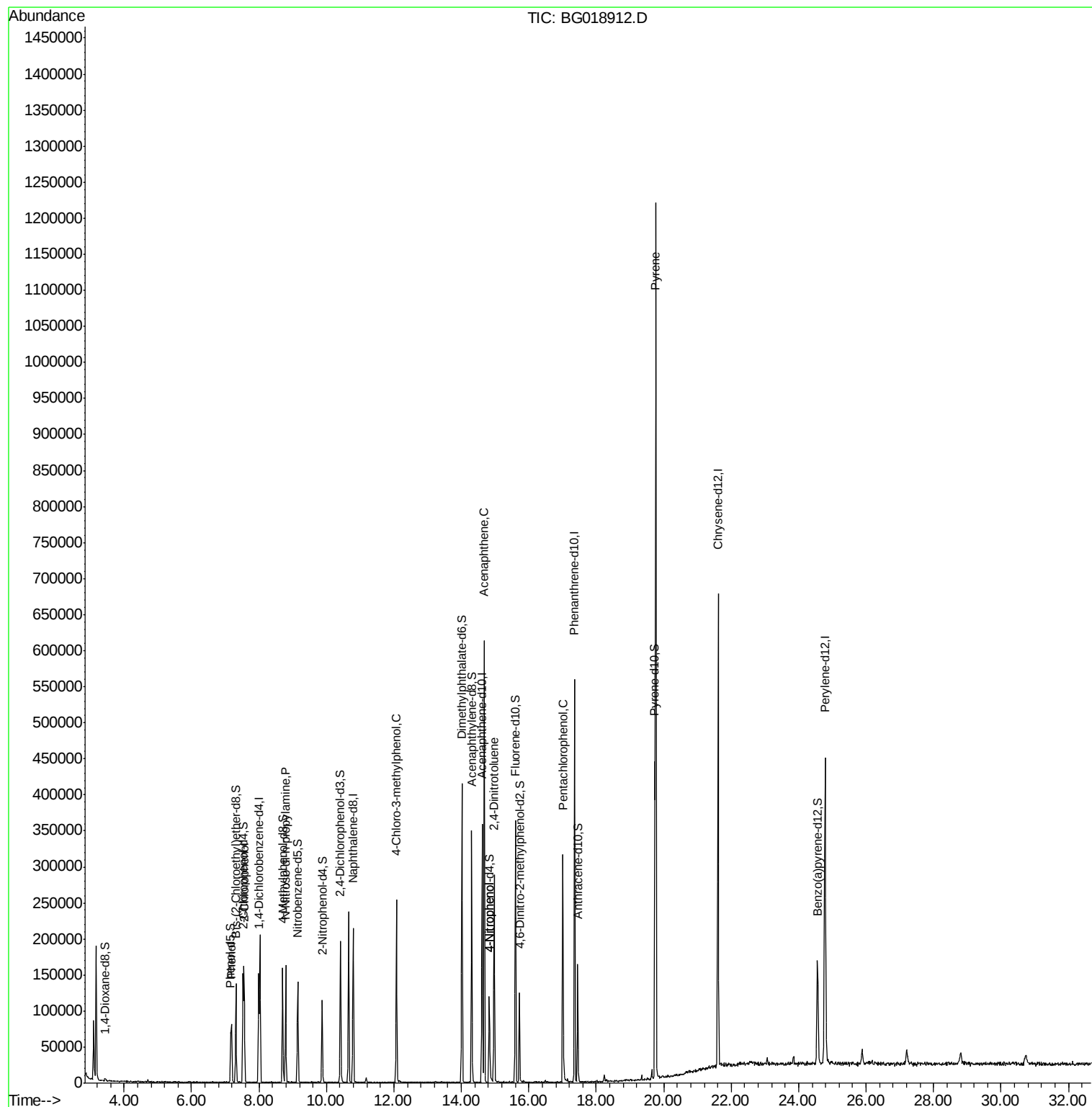
						Ovalue
6) Phenol	7.19	94	52575	13.48	ng/ul#	88
10) 2-Chlorophenol	7.56	128	83693	28.32	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.79	70	67386	28.04	ng/ul#	81
33) 4-Chloro-3-methylphenol	12.07	107	96624	29.20	ng/ul	96
50) Acenaphthene	14.68	153	263548	29.59	ng/ul	99
53) 4-Nitrophenol	14.83	109	18395	13.33	ng/ul	97
55) 2,4-Dinitrotoluene	14.97	165	101828	33.46	ng/ul#	80
69) Pentachlorophenol	17.01	266	69002	30.70	ng/ul	91
80) Pvrene	19.77	202	738866	29.97	ng/ul	96

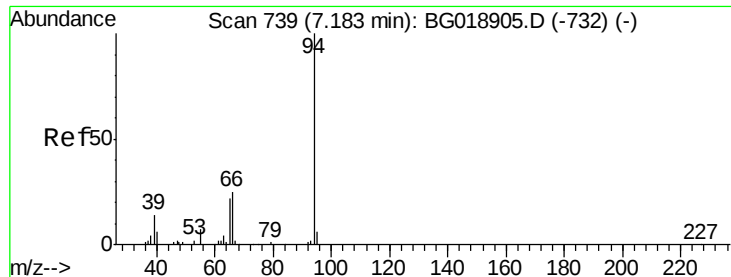
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 13.48 ng/ul

RT: 7.19 min Scan# 740

Delta R.T. 0.00 min

Lab File: BG018912.D

Acq: 26 Sep 2015 14:39

Instrument :

BNA_G

ClientSampleId :

D9G77MS

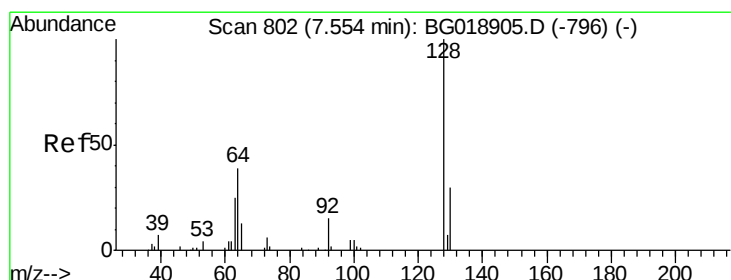
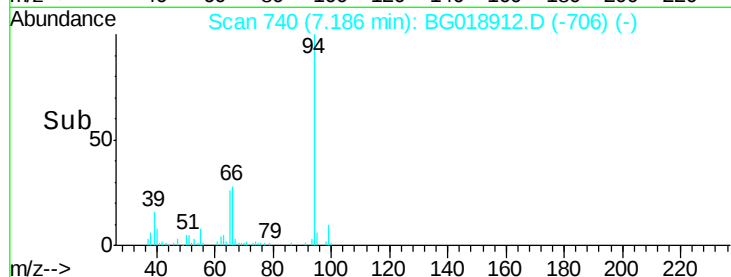
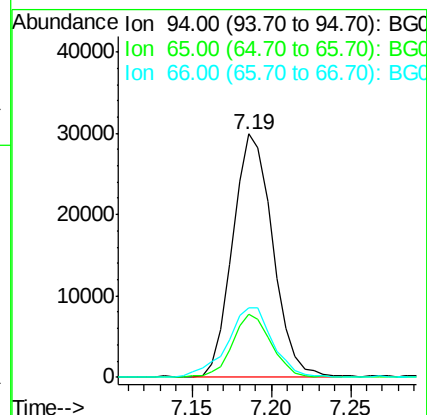
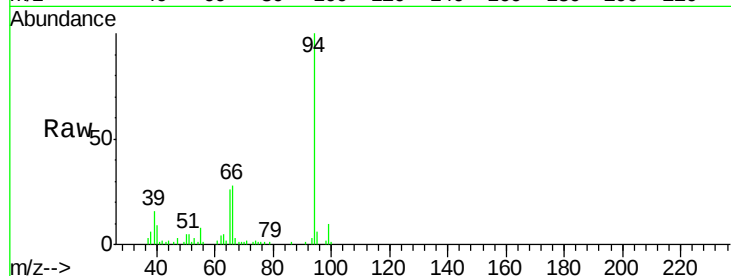
Tot Ion: 94 Resp: 52575

Ion Ratio Lower Upper

94 100

65 25.8 23.0 34.6

66 28.5 31.0 46.4#



#10

2-Chlorophenol

Concen: 28.32 ng/ul

RT: 7.56 min Scan# 804

Delta R.T. 0.01 min

Lab File: BG018912.D

Acq: 26 Sep 2015 14:39

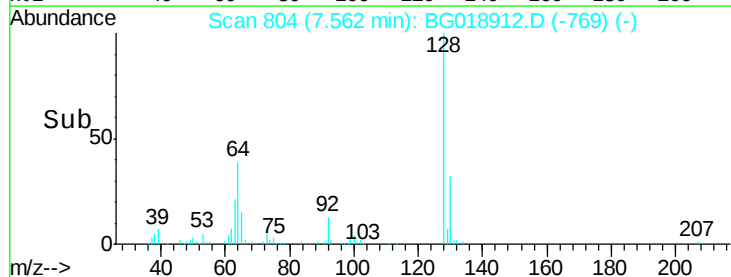
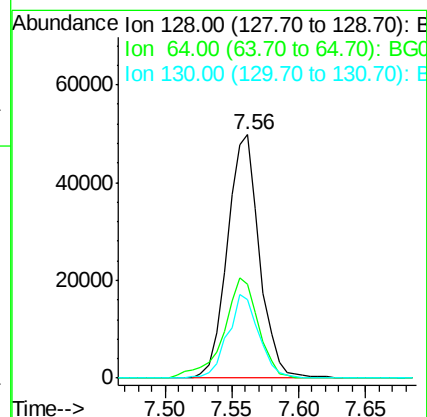
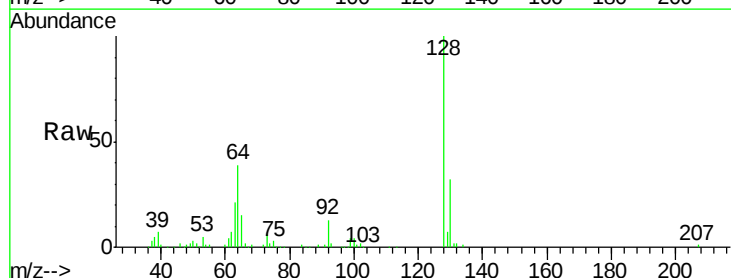
Tgt Ion: 128 Resp: 83693

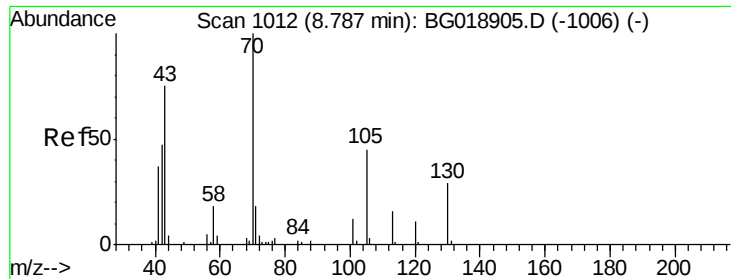
Ion Ratio Lower Upper

128 100

64 38.7 40.9 61.3#

130 32.4 24.5 36.7





#15

N-Nitroso-di-n-propylamine

Concen: 28.04 ng/ul

RT: 8.79 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BG018912.D

Acq: 26 Sep 2015 14:39

Instrument :

BNA_G

ClientSampleId :

D9G77MS

Tot Ion: 70 Resp: 67386

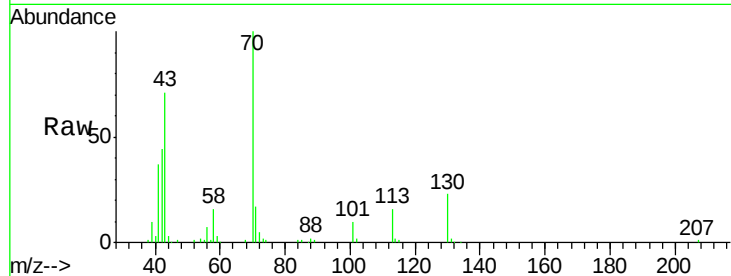
Ion Ratio Lower Upper

70 100

42 44.0 50.7 76.1#

101 10.0 7.4 11.2

130 23.3 15.8 23.6

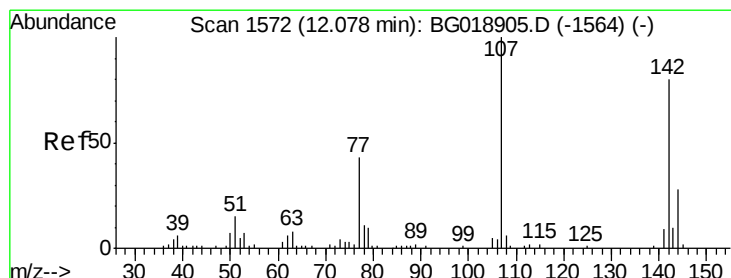
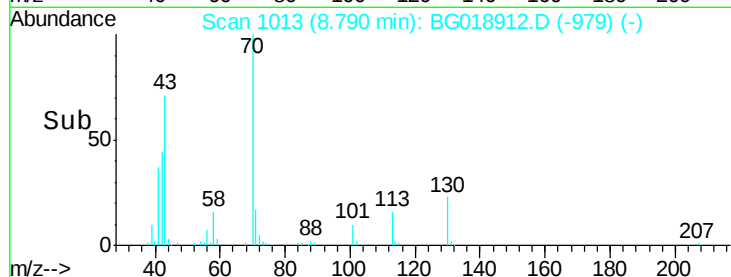
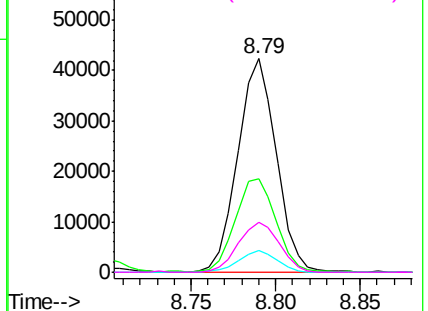


Abundance Ion 70.00 (69.70 to 70.70): BG018912.D (-979) (-)

Ion 42.00 (41.70 to 42.70): BG018912.D (-979) (-)

Ion 101.00 (100.70 to 101.70): BG018912.D (-979) (-)

Ion 130.00 (129.70 to 130.70): BG018912.D (-979) (-)



#33

4-Chloro-3-methylphenol

Concen: 29.20 ng/ul

RT: 12.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BG018912.D

Acq: 26 Sep 2015 14:39

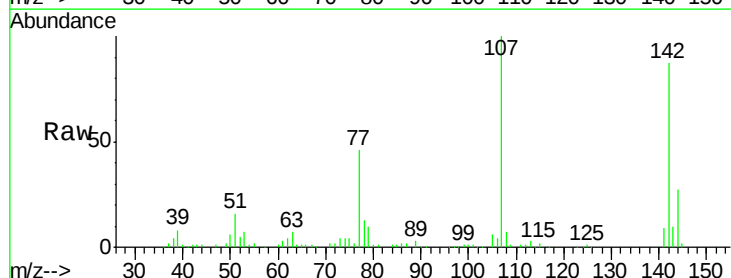
Tgt Ion: 107 Resp: 96624

Ion Ratio Lower Upper

107 100

144 27.3 21.4 32.2

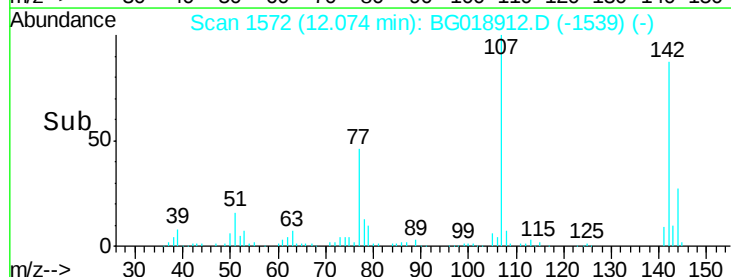
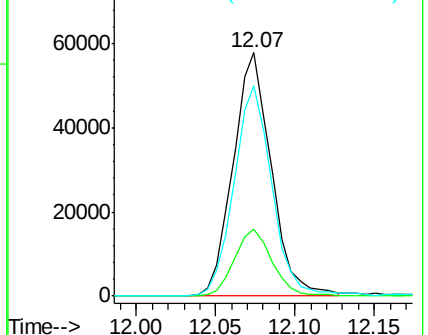
142 86.6 66.0 99.0

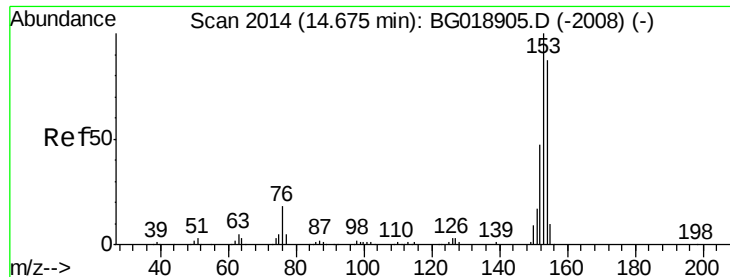


Abundance Ion 107.00 (106.70 to 107.70): BG018912.D (-1539) (-)

Ion 144.00 (143.70 to 144.70): BG018912.D (-1539) (-)

Ion 142.00 (141.70 to 142.70): BG018912.D (-1539) (-)





#50

Acenaphthene

Concen: 29.59 ng/ul

RT: 14.68 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BG018912.D

Acq: 26 Sep 2015 14:39

Instrument :

BNA_G

ClientSampleId :

D9G77MS

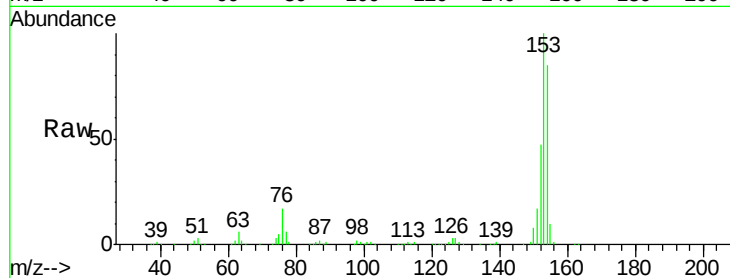
Tot Ion:153 Resp: 263548

Ion Ratio Lower Upper

153 100

152 46.8 38.2 57.4

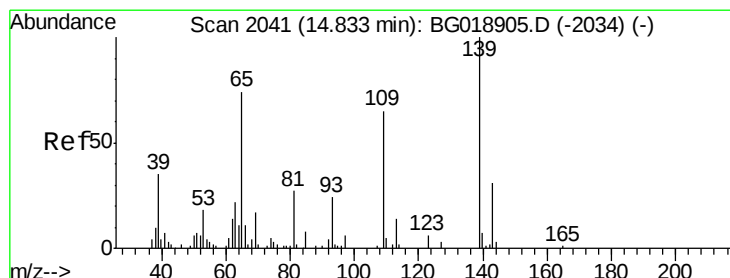
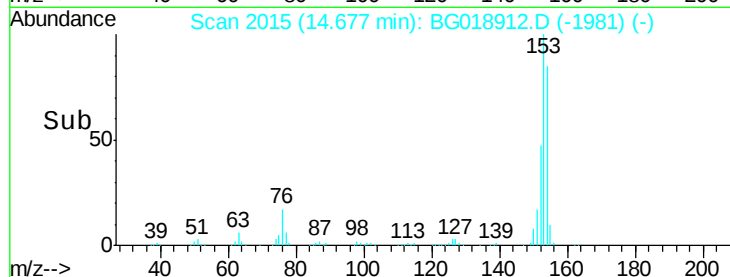
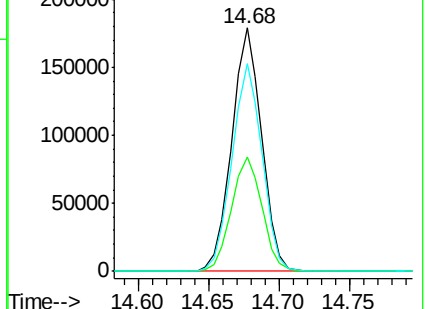
154 85.2 68.6 103.0



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: 13.33 ng/ul

RT: 14.83 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BG018912.D

Acq: 26 Sep 2015 14:39

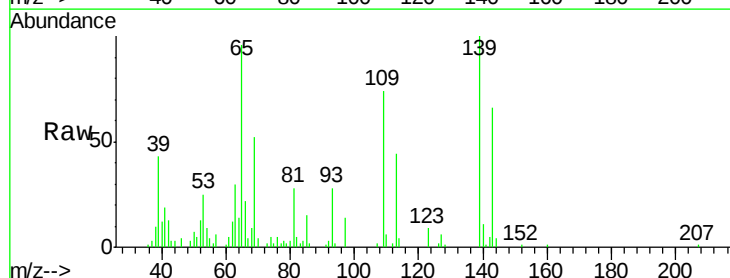
Tgt Ion:109 Resp: 18395

Ion Ratio Lower Upper

109 100

139 134.7 111.3 166.9

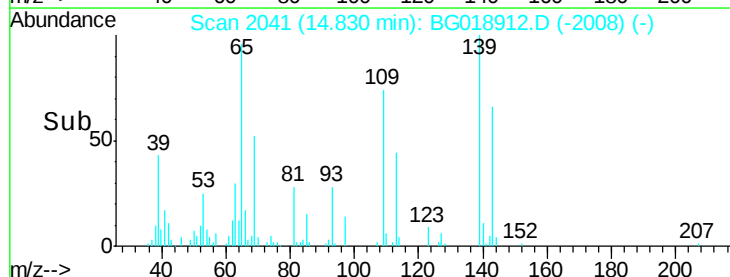
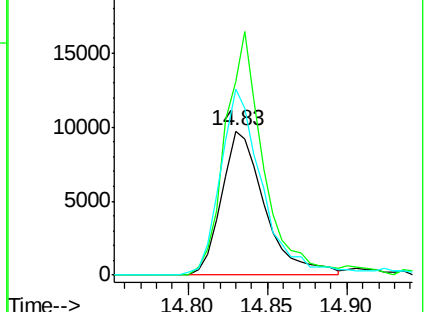
65 129.5 105.3 157.9

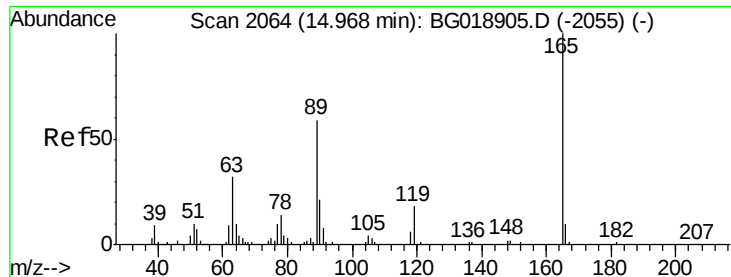


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





#55

2,4-Dinitrotoluene

Concen: 33.46 ng/ul

RT: 14.97 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BG018912.D

Acq: 26 Sep 2015 14:39

Instrument :

BNA_G

ClientSampleId :

D9G77MS

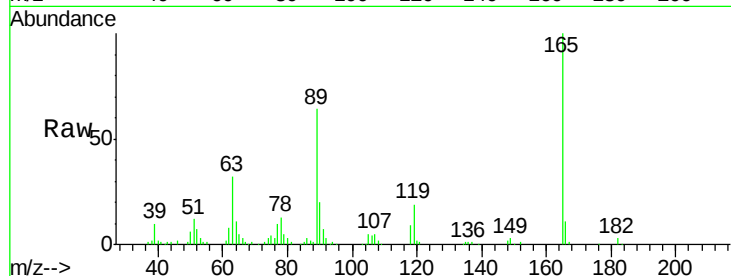
Tot Ion:165 Resp: 101828

Ion Ratio Lower Upper

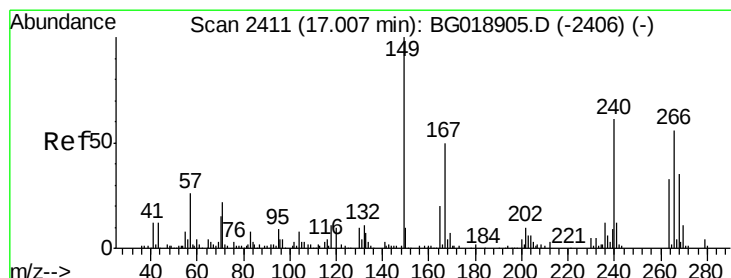
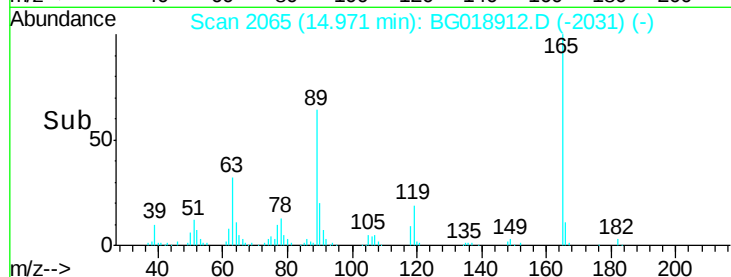
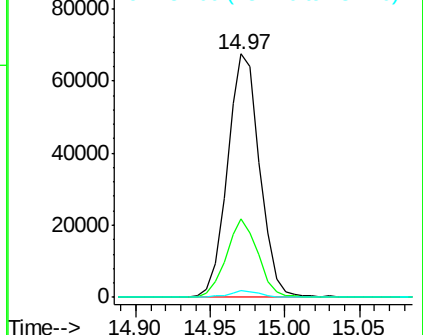
165 100

63 32.1 36.7 55.1#

182 2.8 2.2 3.2



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



#69

Pentachlorophenol

Concen: 30.70 ng/ul

RT: 17.01 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG018912.D

Acq: 26 Sep 2015 14:39

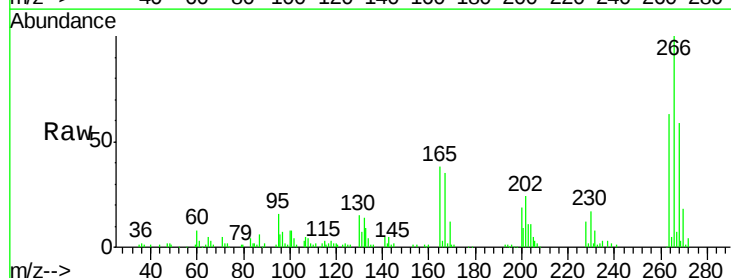
Tgt Ion:266 Resp: 69002

Ion Ratio Lower Upper

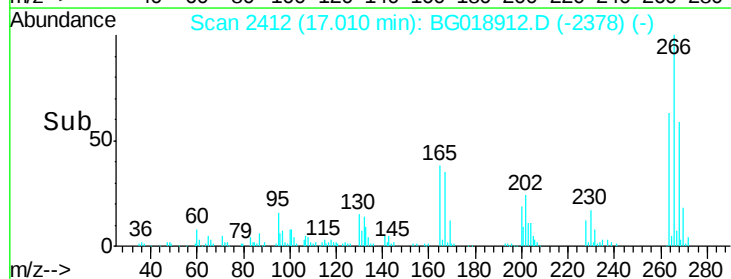
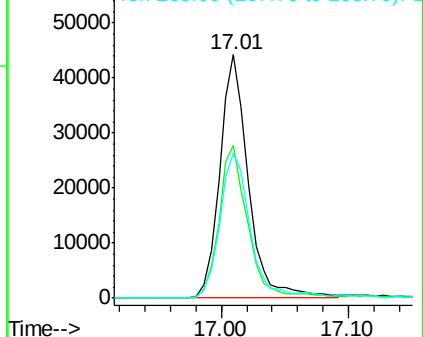
266 100

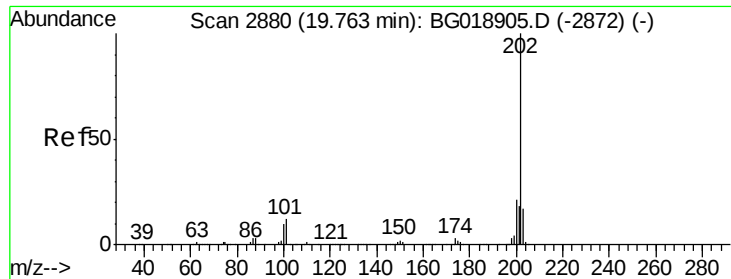
264 62.9 55.4 83.0

268 59.4 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

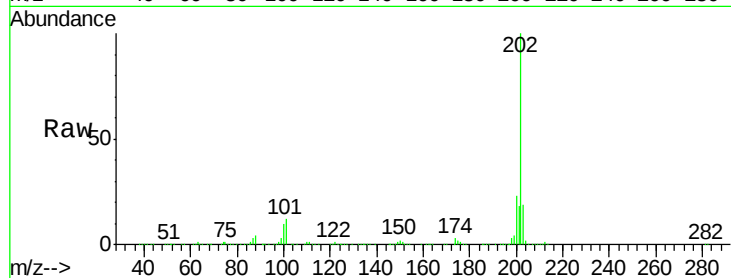




#80
 Pvrene
 Concen: 29.97 ng/ul
 RT: 19.77 min Scan# 2881
 Delta R.T. 0.00 min
 Lab File: BG018912.D
 Acq: 26 Sep 2015 14:39

Instrument :
 BNA_G
 ClientSampleId :
 D9G77MS

Tot Ion:202	Resp:	738866
Ion Ratio	Lower	Upper
202	100	
101	12.3	11.0 16.4
100	10.3	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

