

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
 Data File : BG018832.D
 Acq On : 23 Sep 2015 1:01
 Operator : UM/NP
 Sample : G3758-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHAA3MSD

Quant Time: Sep 23 04:55:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 23 04:53:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	52892	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	224537	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	148641	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	402149	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	456022	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	458999	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	5150	4.68	ng/uL	0.00
5) Phenol-d5	7.16	99	127011	29.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	73835	29.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	100697	30.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	102996	29.22	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	52092	30.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	56147	32.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	108240	30.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	135642	32.37	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	371873	31.09	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	450459	31.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	73240	31.90	ng/ul	0.00
58) Fluorene-d10	15.61	176	333211	31.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	40014	21.02	ng/ul	0.00
71) Anthracene-d10	17.46	188	560215	31.64	ng/ul	0.00
79) Pyrene-d10	19.75	212	622250	29.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.59	264	573723	25.68	ng/ul	0.00

Target Compounds

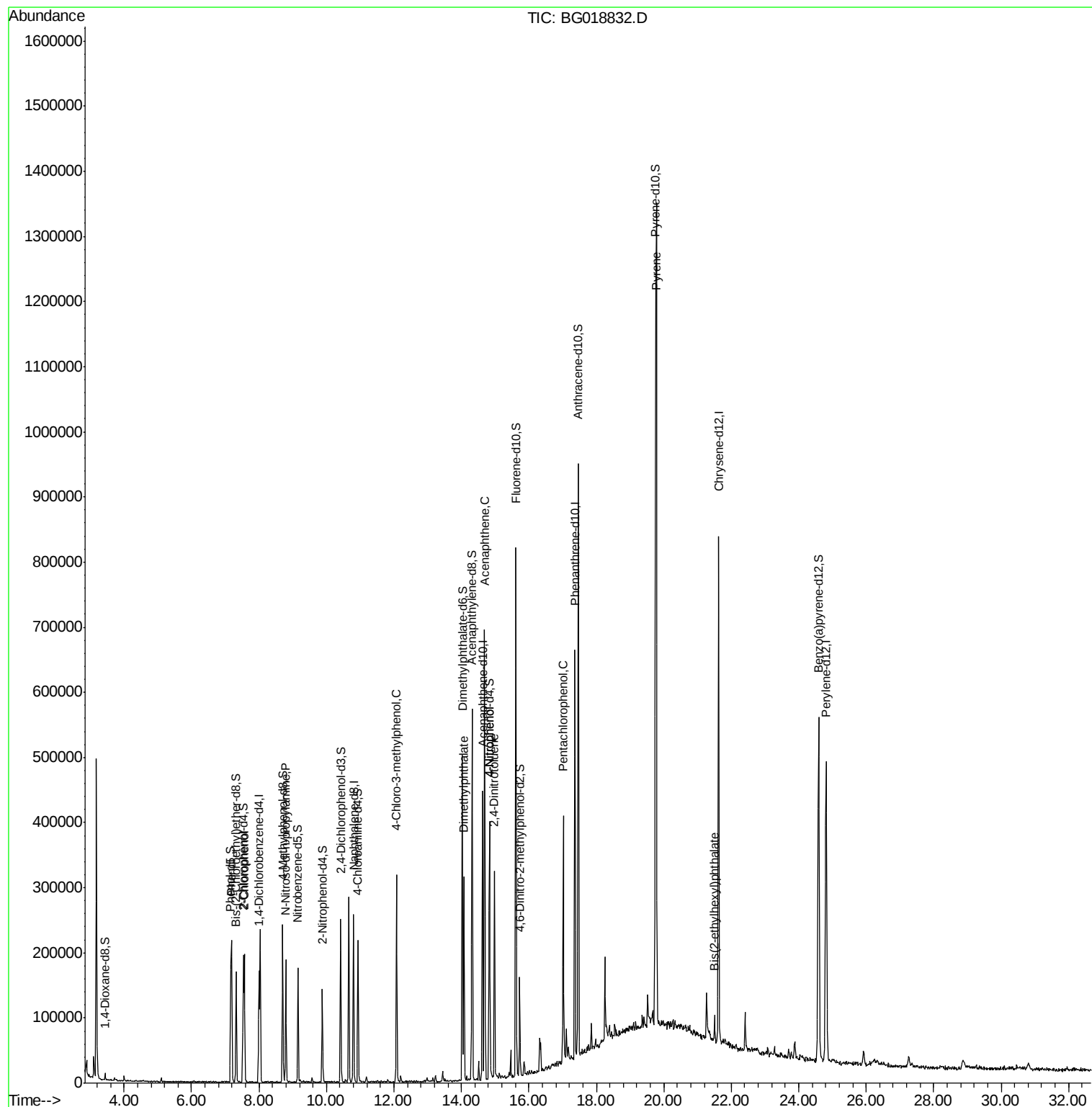
						Qvalue
6) Phenol	7.19	94	134055	29.84	ng/ul#	90
10) 2-Chlorophenol	7.56	128	100921	29.64	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.80	70	75696	27.34	ng/ul#	83
33) 4-Chloro-3-methylphenol	12.08	107	118431	30.82	ng/ul	100
45) Dimethylphthalate	14.07	163	218202	18.82	ng/ul	99
50) Acenaphthene	14.69	153	306951	30.21	ng/ul	98
53) 4-Nitrophenol	14.84	109	51166	32.51	ng/ul#	85
55) 2,4-Dinitrotoluene	14.98	165	111105	32.01	ng/ul#	79
69) Pentachlorophenol	17.02	266	79085	31.05	ng/ul	91
80) Pyrene	19.78	202	749706	27.96	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	16059	1.05	ng/ul#	94

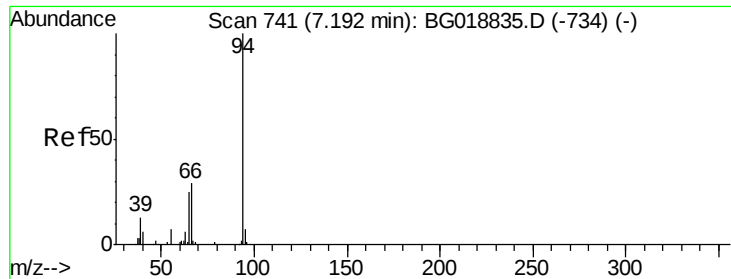
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 29.84 ng/ul

RT: 7.19 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG018832.D

Acq: 23 Sep 2015 1:01

Instrument :

BNA_G

ClientSampleId :

JHAA3MSD

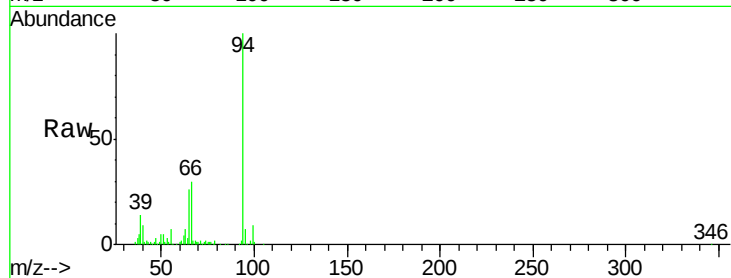
Tgt Ion: 94 Resp: 134055

Ion Ratio Lower Upper

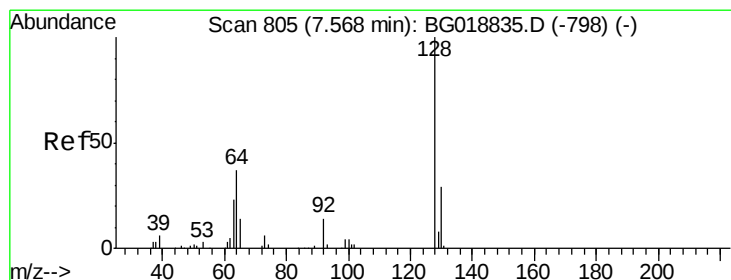
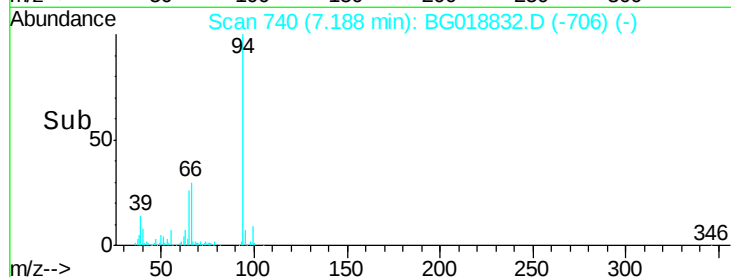
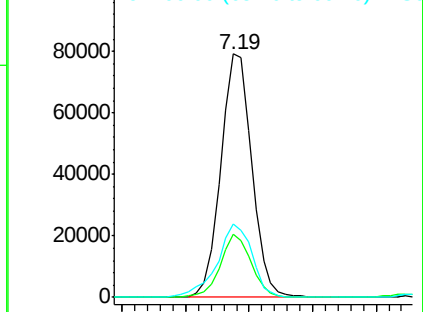
94 100

65 26.2 23.0 34.6

66 30.0 31.0 46.4#



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: 29.64 ng/ul

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG018832.D

Acq: 23 Sep 2015 1:01

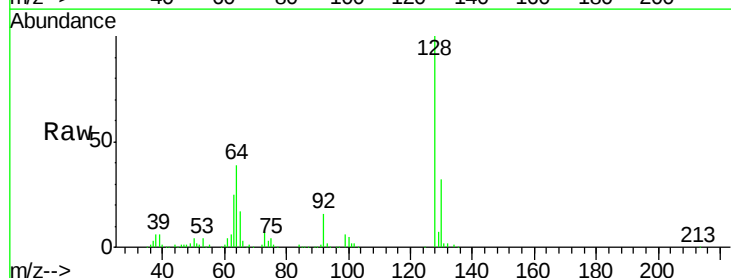
Tgt Ion: 128 Resp: 100921

Ion Ratio Lower Upper

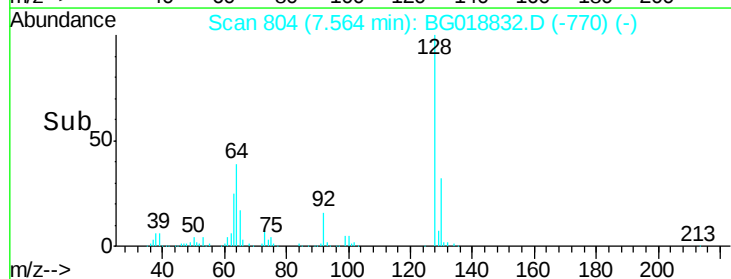
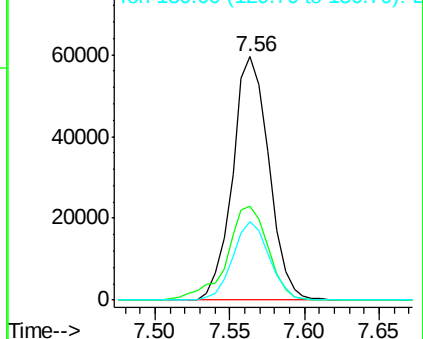
128 100

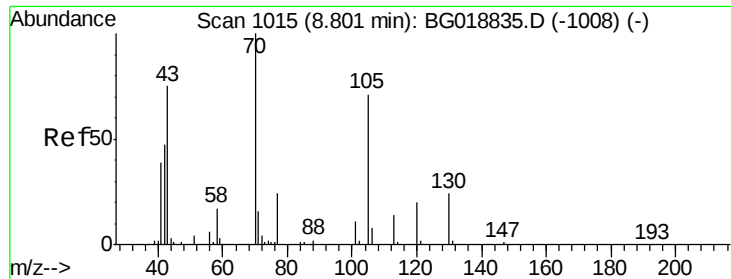
64 38.7 40.9 61.3#

130 32.3 24.5 36.7



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

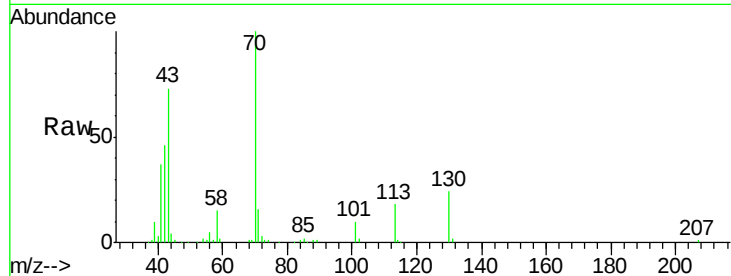




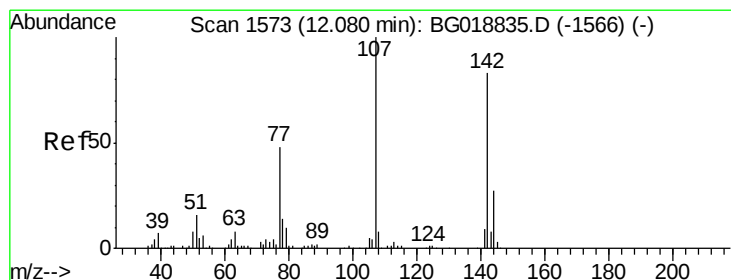
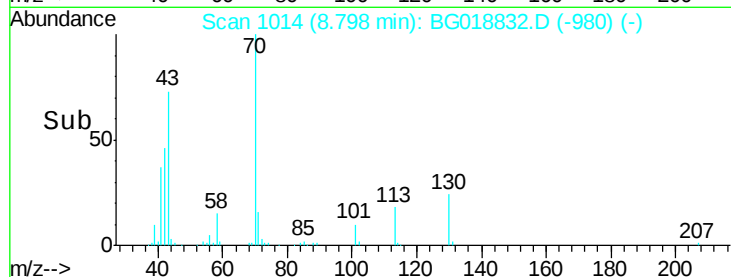
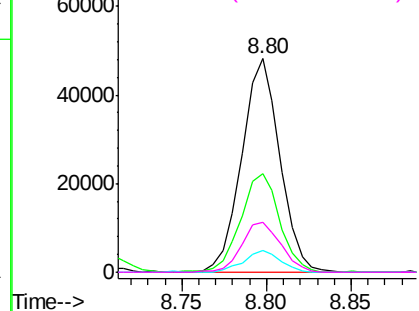
#15
N-Nitroso-di-n-propylamine
Concen: 27.34 ng/ul
RT: 8.80 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG018832.D
Acq: 23 Sep 2015 1:01

Instrument :
BNA_G
ClientSampleId :
JHAA3MSD

Tgt Ion: 70 Resp: 75696
Ion Ratio Lower Upper
70 100
42 46.3 50.7 76.1#
101 10.3 7.4 11.2
130 23.6 15.8 23.6

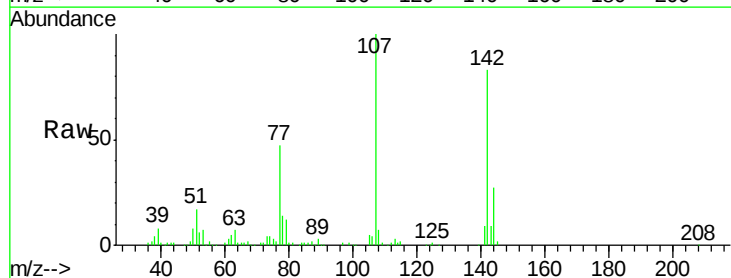


Abundance Ion 70.00 (69.70 to 70.70): BG018832.D (-980) (-)
Ion 42.00 (41.70 to 42.70): BG018832.D (-980) (-)
Ion 101.00 (100.70 to 101.70): BG018832.D (-980) (-)
Ion 130.00 (129.70 to 130.70): BG018832.D (-980) (-)

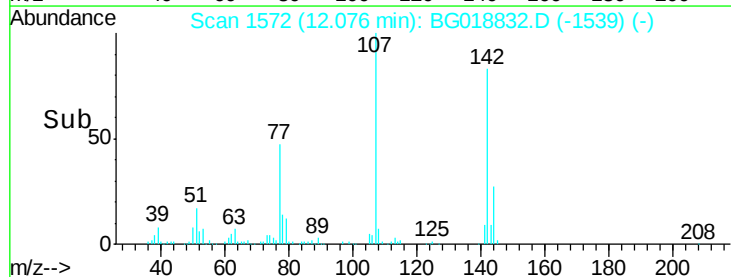
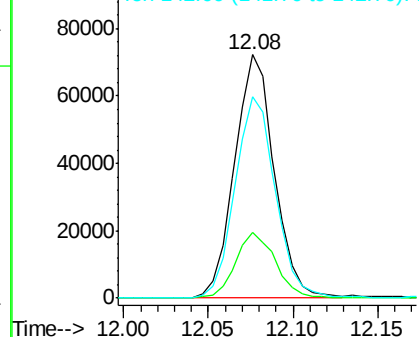


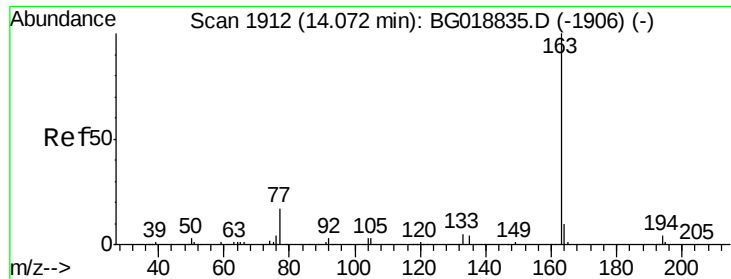
#33
4-Chloro-3-methylphenol
Concen: 30.82 ng/ul
RT: 12.08 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BG018832.D
Acq: 23 Sep 2015 1:01

Tgt Ion: 107 Resp: 118431
Ion Ratio Lower Upper
107 100
144 27.1 21.4 32.2
142 82.9 66.0 99.0



Abundance Ion 107.00 (106.70 to 107.70): BG018832.D (-1539) (-)
Ion 144.00 (143.70 to 144.70): BG018832.D (-1539) (-)
Ion 142.00 (141.70 to 142.70): BG018832.D (-1539) (-)





#45

Dimethylphthalate

Concen: 18.82 ng/ul

RT: 14.07 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG018832.D

Acq: 23 Sep 2015 1:01

Instrument :

BNA_G

ClientSampleId :

JHAA3MSD

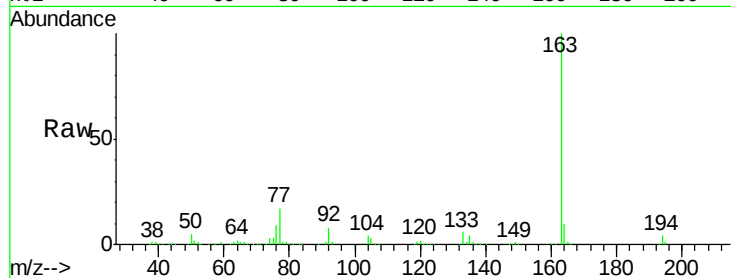
Tgt Ion:163 Resp: 218202

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

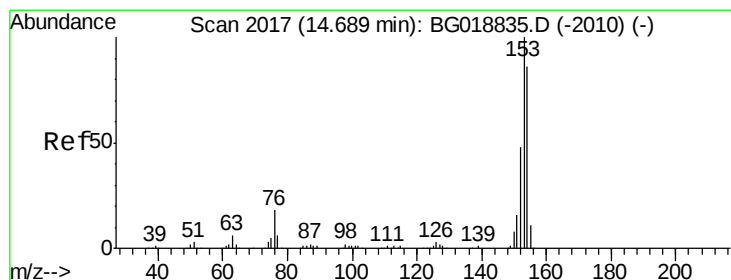
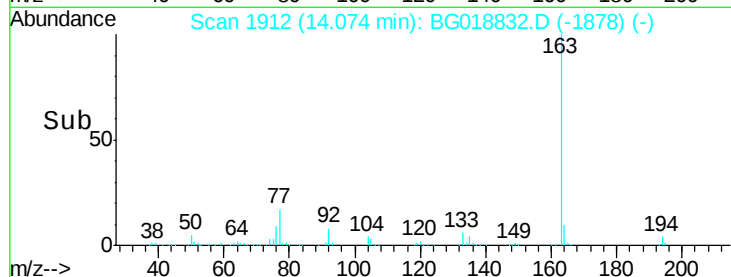
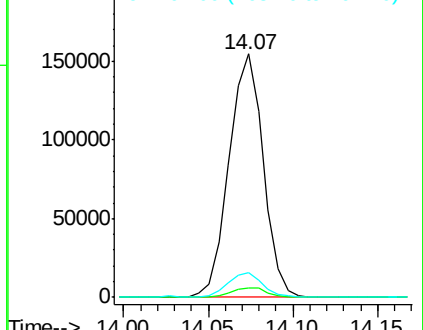
164 9.9 7.7 11.5



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: 30.21 ng/ul

RT: 14.69 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG018832.D

Acq: 23 Sep 2015 1:01

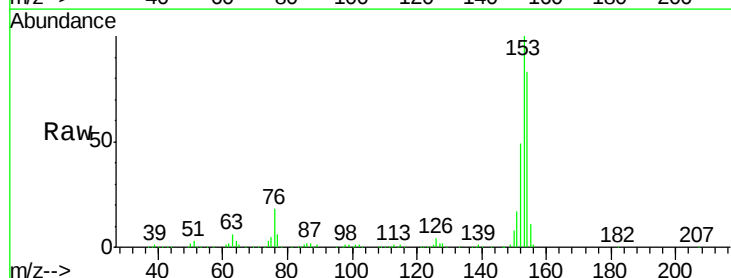
Tgt Ion:153 Resp: 306951

Ion Ratio Lower Upper

153 100

152 48.6 38.2 57.4

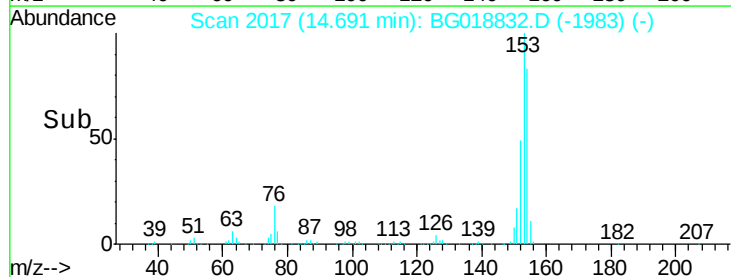
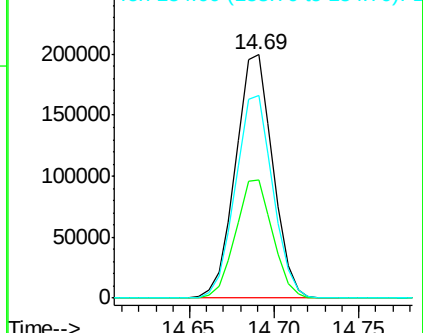
154 83.1 68.6 103.0

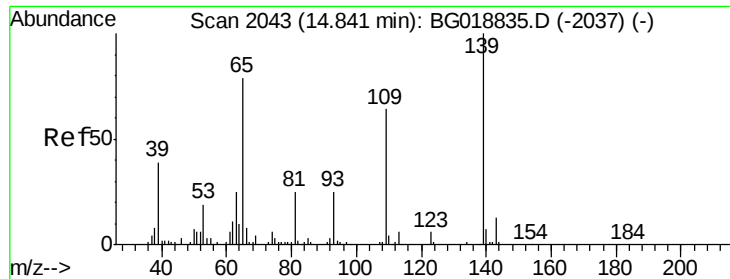


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 32.51 ng/ul

RT: 14.84 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG018832.D

Acq: 23 Sep 2015 1:01

Instrument :

BNA_G

ClientSampleId :

JHAA3MSD

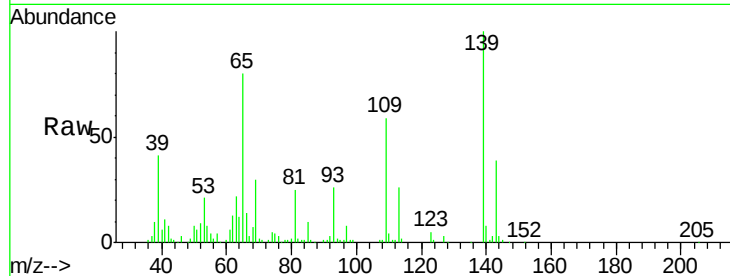
Tgt Ion:109 Resp: 51166

Ion Ratio Lower Upper

109 100

139 170.8 111.3 166.9#

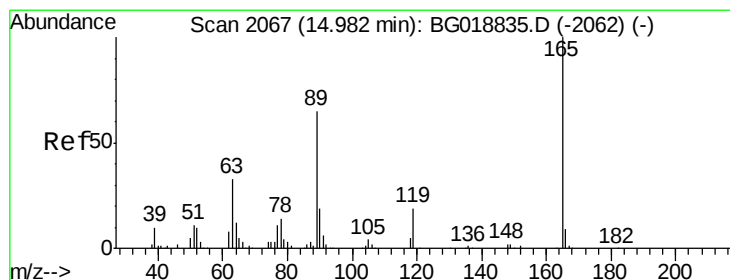
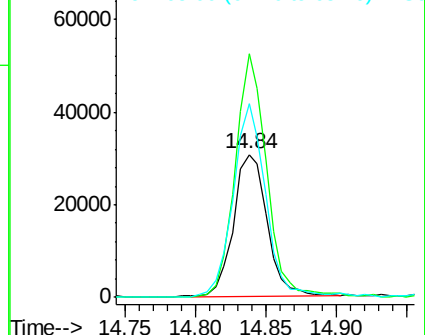
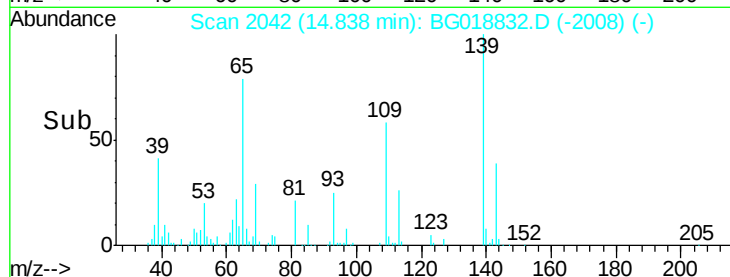
65 136.2 105.3 157.9



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): BGC



#55

2,4-Dinitrotoluene

Concen: 32.01 ng/ul

RT: 14.98 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BG018832.D

Acq: 23 Sep 2015 1:01

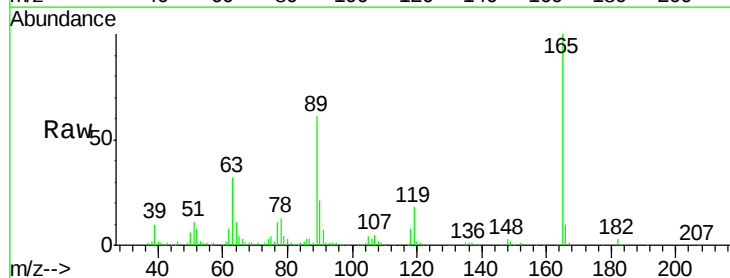
Tgt Ion:165 Resp: 111105

Ion Ratio Lower Upper

165 100

63 31.6 36.7 55.1#

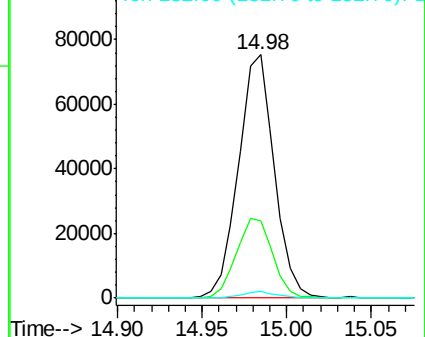
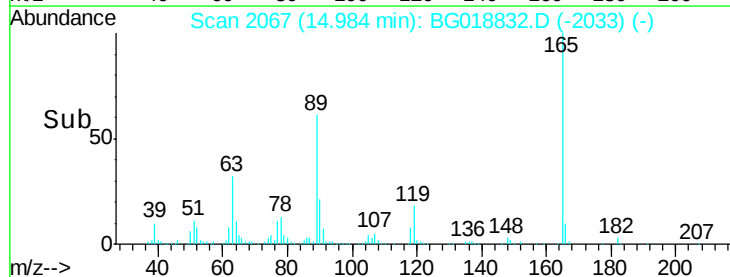
182 2.9 2.2 3.2

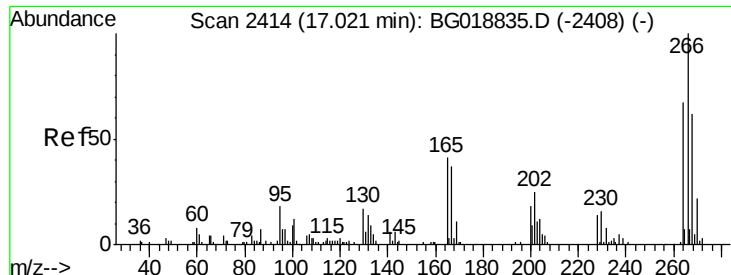


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

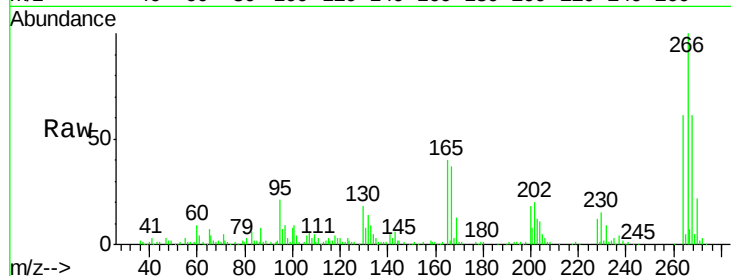




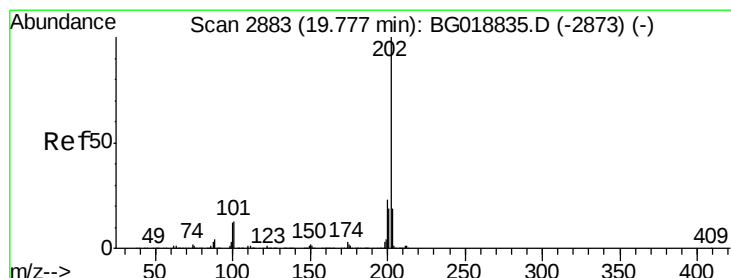
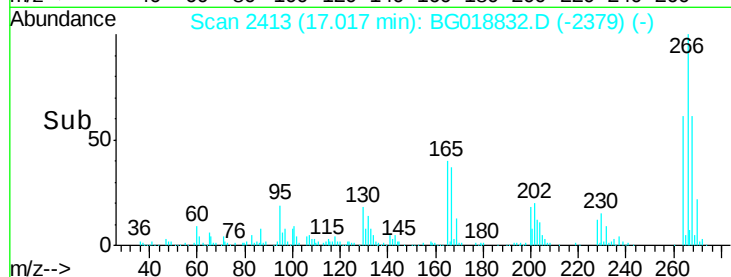
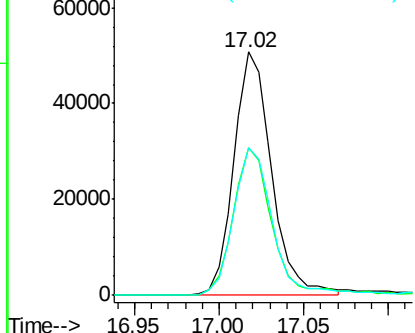
#69
 Pentachlorophenol
 Concen: 31.05 ng/ul
 RT: 17.02 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG018832.D
 Acq: 23 Sep 2015 1:01

Instrument :
 BNA_G
 ClientSampleId :
 JHAA3MSD

Tgt Ion:266 Resp: 79085
 Ion Ratio Lower Upper
 266 100
 264 60.7 55.4 83.0
 268 60.8 53.6 80.4

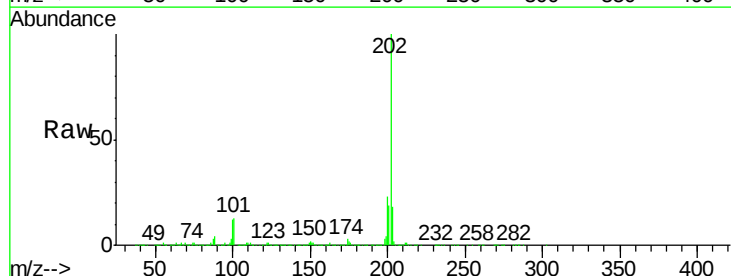


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

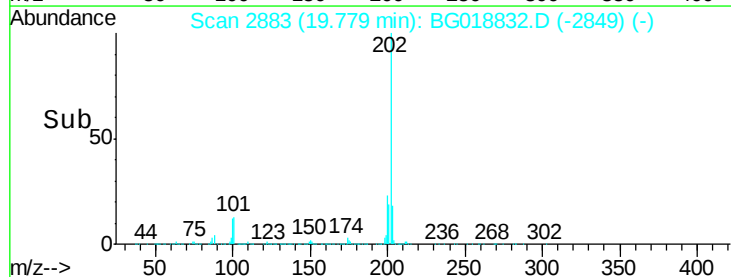
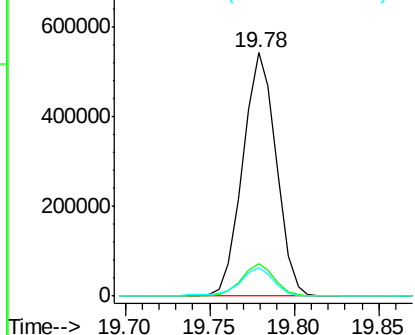


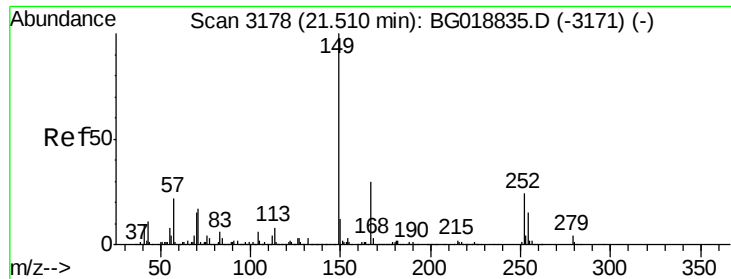
#80
 Pyrene
 Concen: 27.96 ng/ul
 RT: 19.78 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BG018832.D
 Acq: 23 Sep 2015 1:01

Tgt Ion:202 Resp: 749706
 Ion Ratio Lower Upper
 202 100
 101 13.1 11.0 16.4
 100 11.9 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

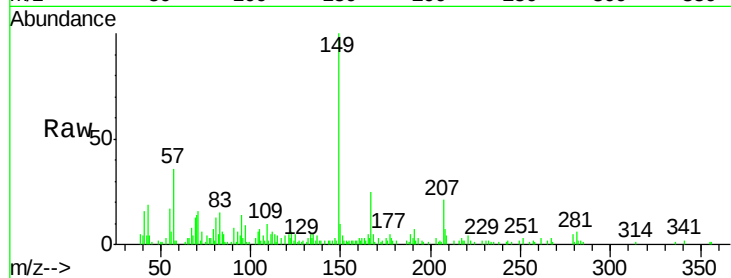




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.05 ng/ul
 RT: 21.51 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG018832.D
 Acq: 23 Sep 2015 1:01

Instrument :
 BNA_G
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Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.5	22.2	33.2
279	4.6	2.8	4.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

