

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100215\
 Data File : BG018996.D
 Acq On : 2 Oct 2015 1:50
 Operator : UM/NP
 Sample : G3865-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3MS

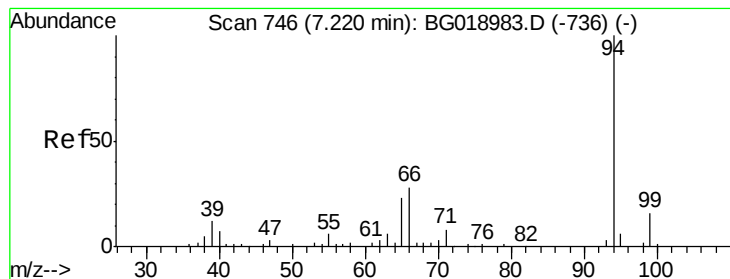
Quant Time: Oct 02 04:39:54 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 04:39:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	56491	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	239227	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	164603	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	595772	20.00	ng/ul	0.10
78) Chrysene-d12	21.60	240	486962	20.00	ng/ul	-0.01
86) Perylene-d12	24.78	264	494119	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.40	96	5804	4.94	ng/uL	0.00
5) Phenol-d5	7.19	99	92469	19.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	66005	24.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	96931	27.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	35807	9.51	ng/ul	0.02
19) Nitrobenzene-d5	9.14	128	56590	31.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	56165	30.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	29212	7.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	47296	10.59	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	406452	30.68	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	499498	31.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	33275	13.09	ng/ul	0.00
58) Fluorene-d10	15.59	176	374909	32.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	415	0.15	ng/ul	0.12
71) Anthracene-d10	17.61	188	897	0.03	ng/ul	0.17
79) Pyrene-d10	19.73	212	716441	31.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.55	264	766561	31.88	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.22	94	93202	19.42	ng/ul	89
10) 2-Chlorophenol	7.55	128	85708	23.57	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.77	70	72250	24.43	ng/ul#	81
33) 4-Chloro-3-methylphenol	12.13	107	69339	16.94	ng/ul	99
45) Dimethylphthalate	14.05	163	223468	17.40	ng/ul	98
50) Acenaphthene	14.67	153	337701	30.02	ng/ul	99
53) 4-Nitrophenol	14.91	109	14704	8.44	ng/ul	87
55) 2,4-Dinitrotoluene	14.99	165	119899	31.19	ng/ul#	83
69) Pentachlorophenol	17.02	266	44592	11.82	ng/ul	96
80) Pyrene	19.76	202	835413	29.17	ng/ul	96

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



#6

Phenol

Concen: 19.42 ng/ul

RT: 7.22 min Scan# 745

Delta R.T. -0.00 min

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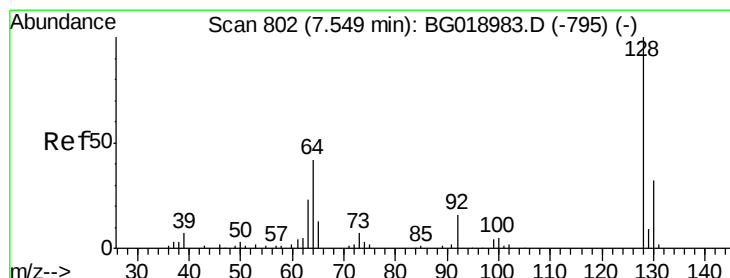
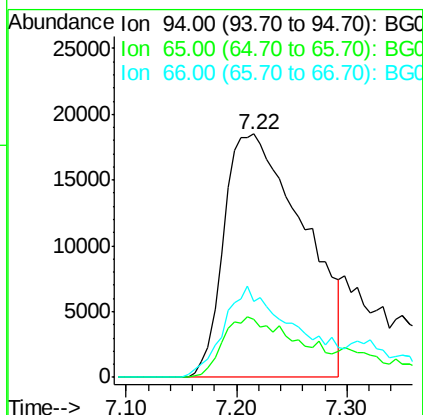
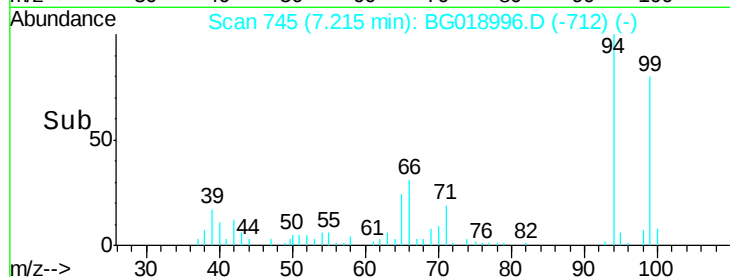
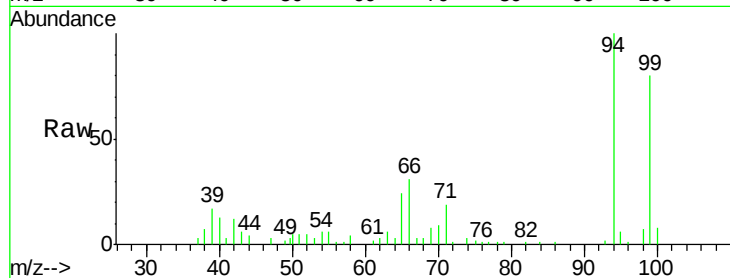
Tot Ion: 94 Resp: 93202

Ion Ratio Lower Upper

94 100

65 23.6 23.0 34.6

66 31.2 31.0 46.4



#10

2-Chlorophenol

Concen: 23.57 ng/ul

RT: 7.55 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG018996.D

Acq: 2 Oct 2015 1:50

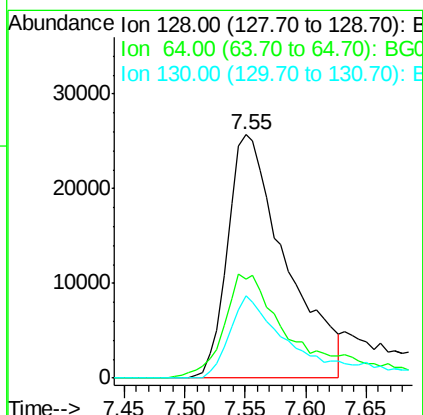
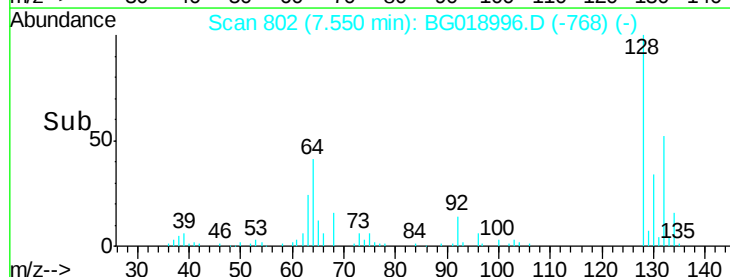
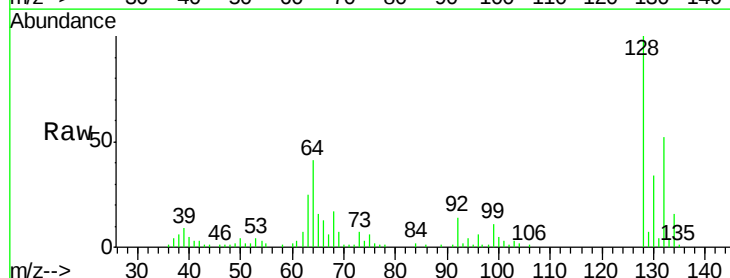
Tgt Ion: 128 Resp: 85708

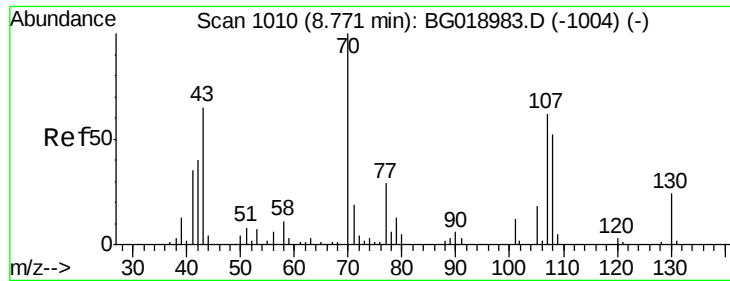
Ion Ratio Lower Upper

128 100

64 40.6 40.9 61.3#

130 33.6 24.5 36.7





#15

N-Nitroso-di-n-propylamine

Concen: 24.43 ng/ul

RT: 8.77 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BG018996.D

Acq: 2 Oct 2015 1:50

Instrument :

BNA_G

ClientSampleId :

E5MY3MS

Tot Ion: 70 Resp: 72250

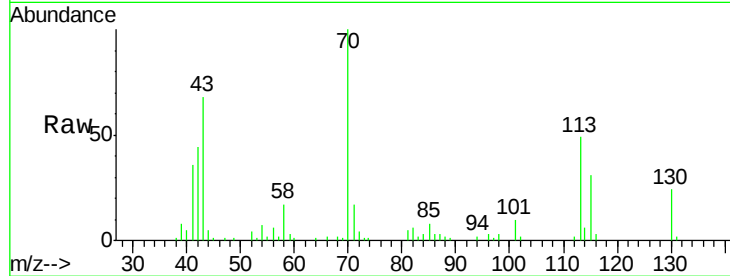
Ion Ratio Lower Upper

70 100

42 44.5 50.7 76.1#

101 10.1 7.4 11.2

130 23.8 15.8 23.6#



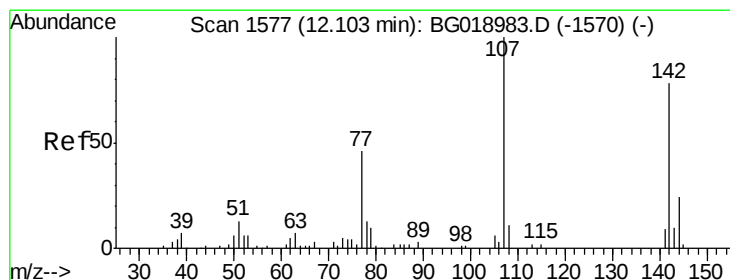
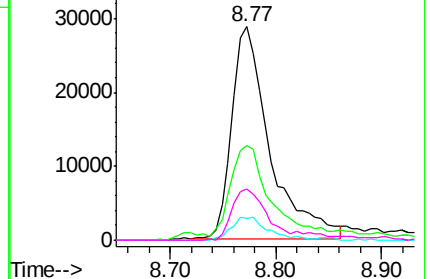
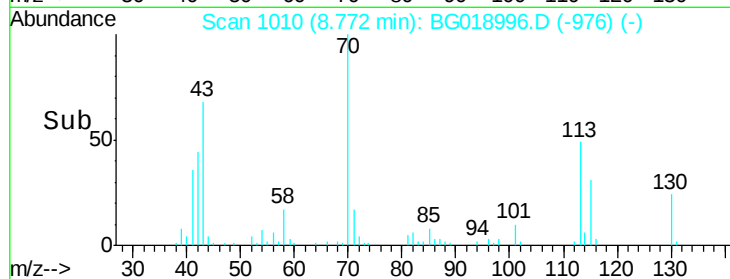
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

Time-->



#33

4-Chloro-3-methylphenol

Concen: 16.94 ng/ul

RT: 12.13 min Scan# 1581

Delta R.T. 0.02 min

Lab File: BG018996.D

Acq: 2 Oct 2015 1:50

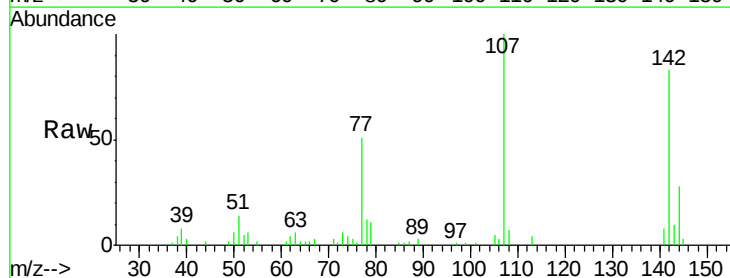
Tgt Ion: 107 Resp: 69339

Ion Ratio Lower Upper

107 100

144 28.4 21.4 32.2

142 82.8 66.0 99.0

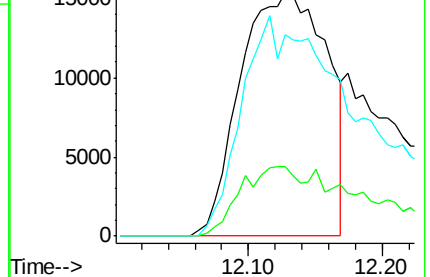
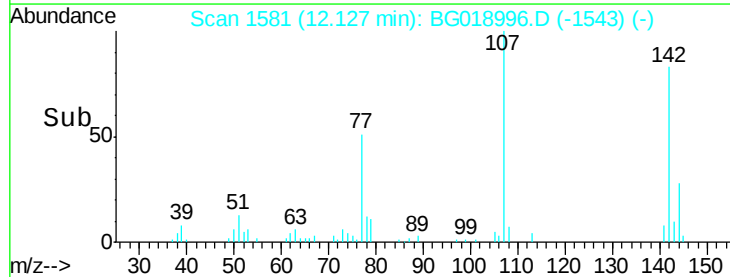


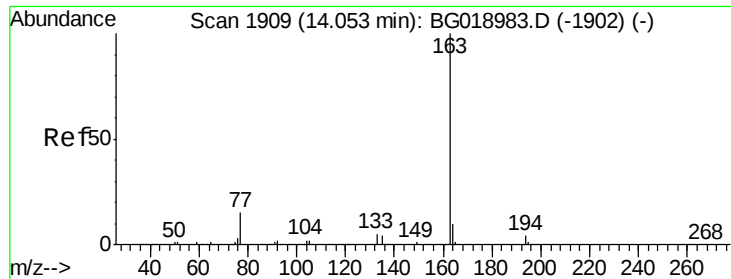
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 144.00 (143.70 to 144.70): BGC

Ion 142.00 (141.70 to 142.70): BGC

Time-->

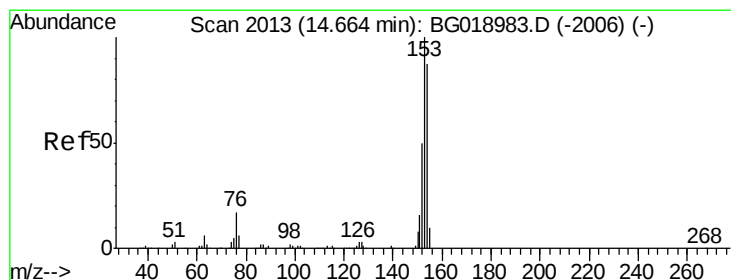
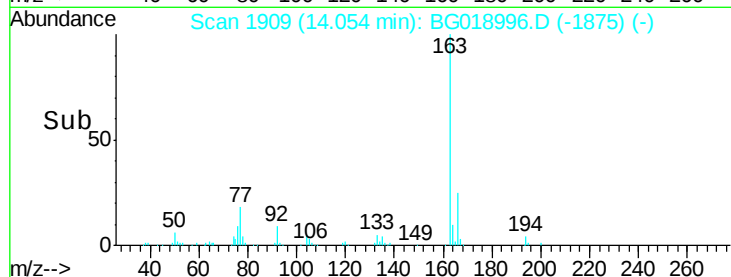
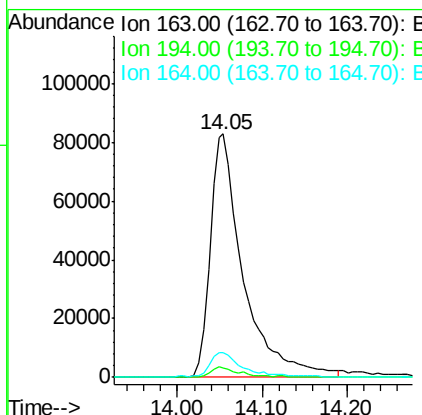
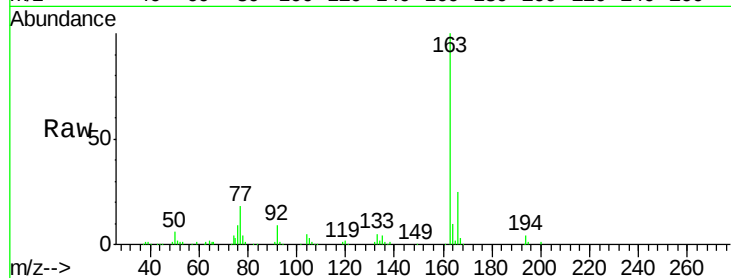




#45
Dimethylphthalate
Concen: 17.40 ng/ul
RT: 14.05 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BG018996.D
Acq: 2 Oct 2015 1:50

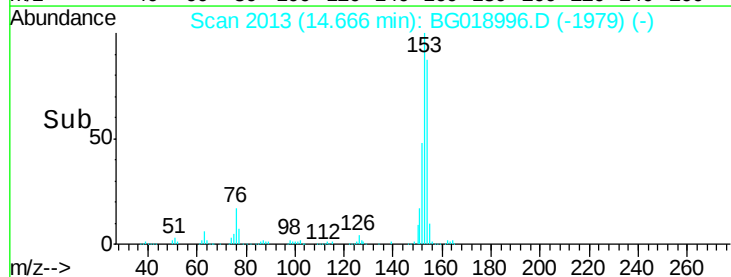
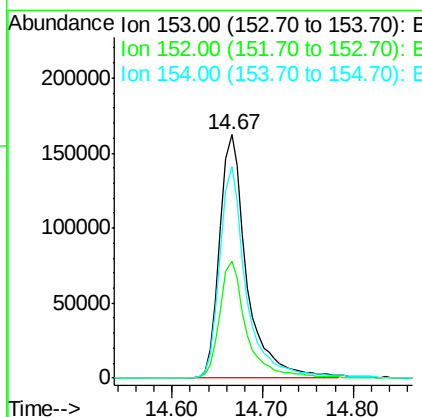
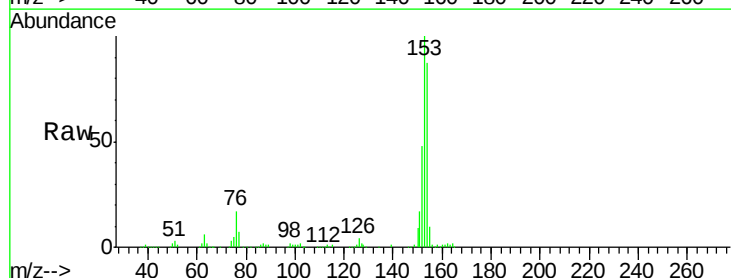
Instrument :
BNA_G
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E5MY3MS

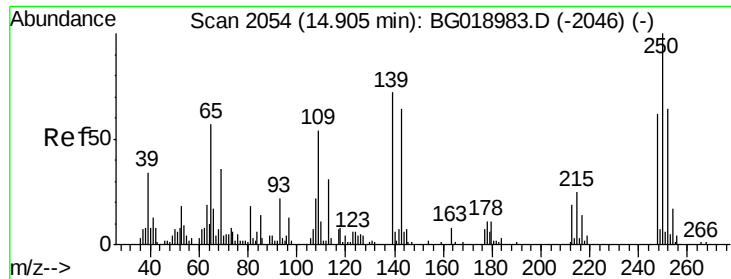
Tot Ion:163 Resp: 223468
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 10.3 7.7 11.5



#50
Acenaphthene
Concen: 30.02 ng/ul
RT: 14.67 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG018996.D
Acq: 2 Oct 2015 1:50

Tgt Ion:153 Resp: 337701
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.4
154 86.7 68.6 103.0

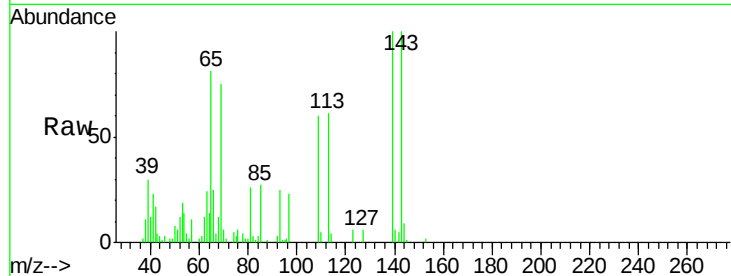




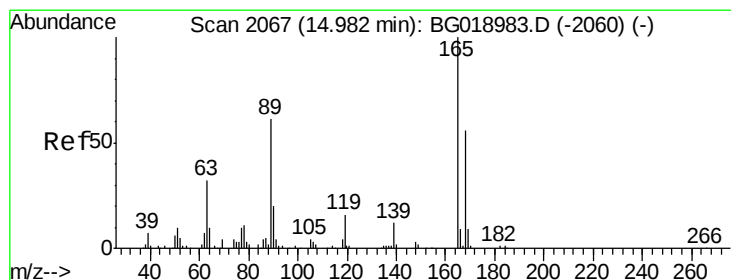
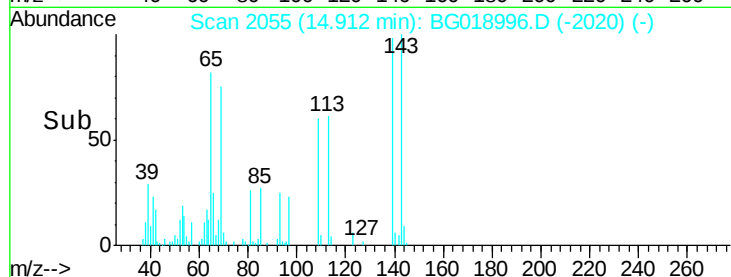
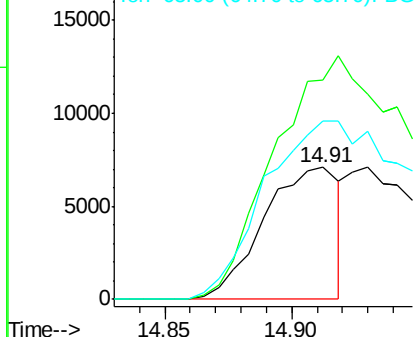
#53
4-Nitrophenol
Concen: 8.44 ng/ul
RT: 14.91 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BG018996.D
Acq: 2 Oct 2015 1:50

Instrument :
BNA_G
ClientSampleId :
E5MY3MS

Tot Ion:109 Resp: 14704
Ion Ratio Lower Upper
109 100
139 166.0 111.3 166.9
65 135.3 105.3 157.9

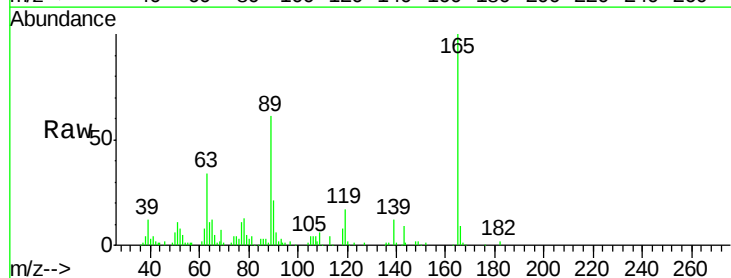


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BGC

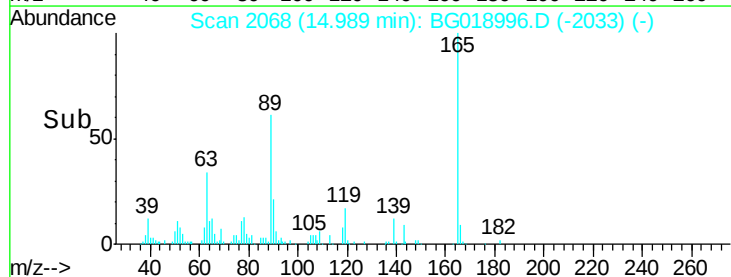
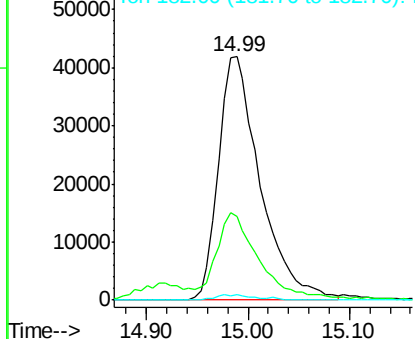


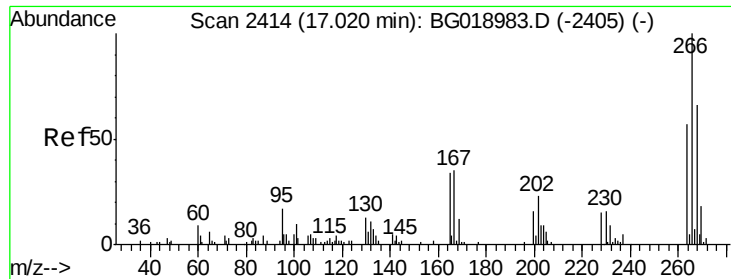
#55
2,4-Dinitrotoluene
Concen: 31.19 ng/ul
RT: 14.99 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BG018996.D
Acq: 2 Oct 2015 1:50

Tgt Ion:165 Resp: 119899
Ion Ratio Lower Upper
165 100
63 34.2 36.7 55.1#
182 2.2 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

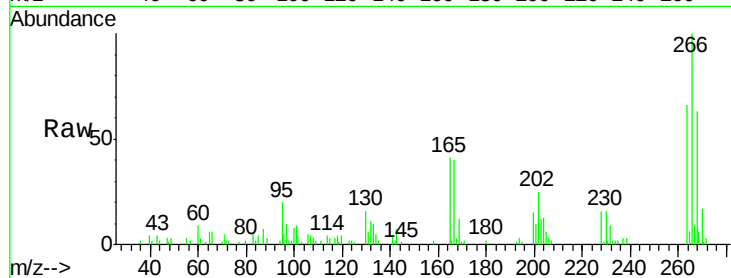




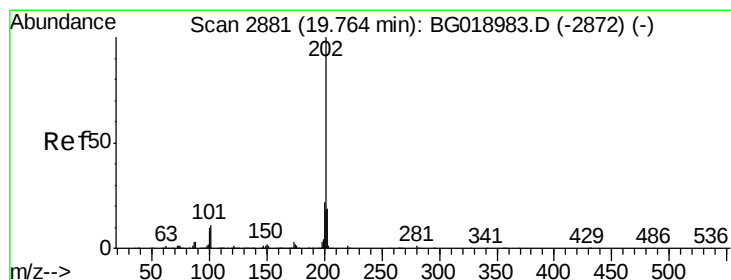
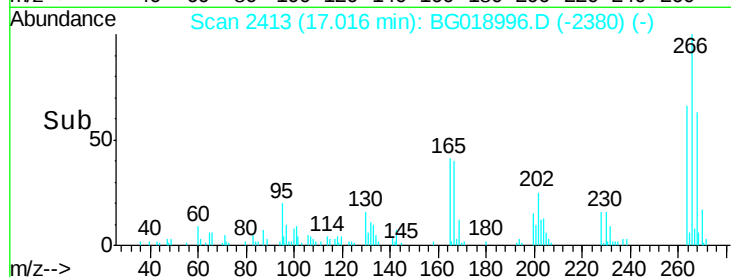
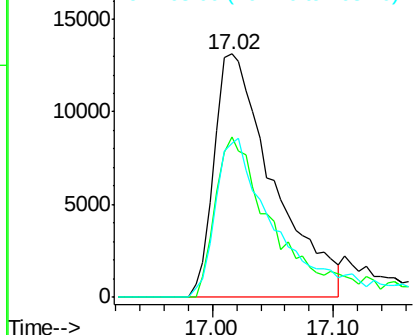
#69
 Pentachlorophenol
 Concen: 11.82 ng/ul
 RT: 17.02 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG018996.D
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Tot Ion:266 Resp: 44592
 Ion Ratio Lower Upper
 266 100
 264 65.8 55.4 83.0
 268 69.2 53.6 80.4

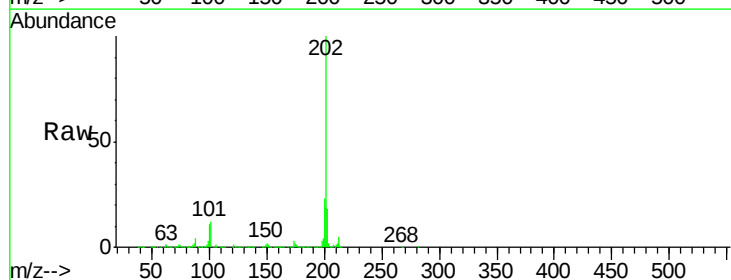


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 29.17 ng/ul
 RT: 19.76 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BG018996.D
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Tgt Ion:202 Resp: 835413
 Ion Ratio Lower Upper
 202 100
 101 12.5 11.0 16.4
 100 10.5 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

