

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100215\
 Data File : BG018997.D
 Acq On : 2 Oct 2015 2:28
 Operator : UM/NP
 Sample : G3865-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3MSD

Quant Time: Oct 02 04:40:05 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	7.97	152	51264	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	218868	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	156576	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	394326	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	489219	20.00	ng/ul	0.00
86) Perylene-d12	24.78	264	484799	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	5826	5.46	ng/uL	0.00
5) Phenol-d5	7.18	99	31227	7.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	55553	22.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	79771	25.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	22746	6.66	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	43647	26.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	49800	29.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	46707	13.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	39377	9.64	ng/ul	0.03
44) Dimethylphthalate-d6	14.00	166	378048	30.00	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	478875	32.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	32694	13.52	ng/ul	0.01
58) Fluorene-d10	15.60	176	351818	31.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	31637	16.95	ng/ul	0.00
71) Anthracene-d10	17.45	188	574076	33.07	ng/ul	0.00
79) Pyrene-d10	19.73	212	703852	31.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	767034	32.51	ng/ul	0.00

Target Compounds

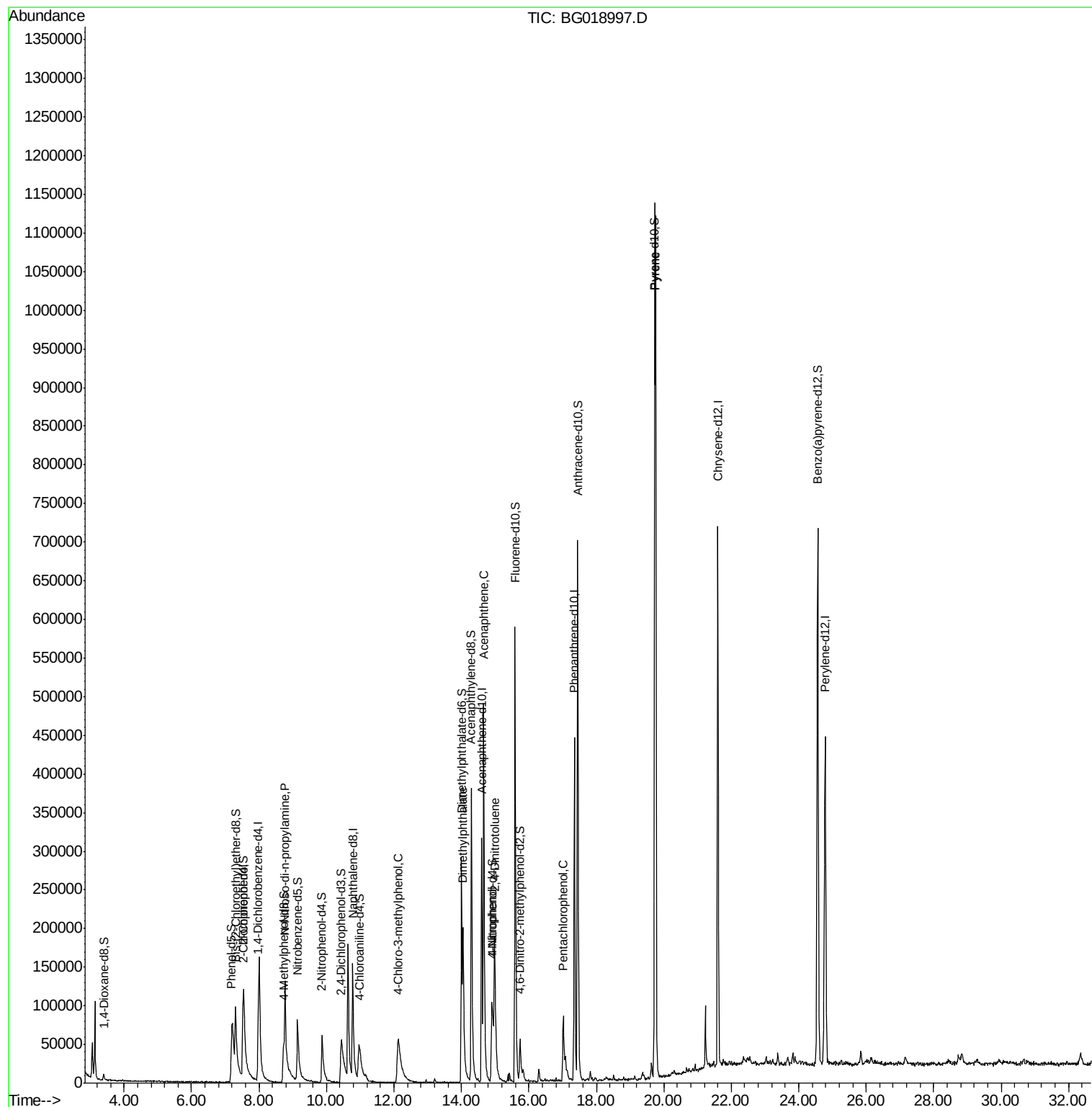
						Ovalue
10) 2-Chlorophenol	7.55	128	78339	23.74	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.77	70	57529	21.44	ng/ul#	83
33) 4-Chloro-3-methylphenol	12.13	107	44671	11.93	ng/ul	88
45) Dimethylphthalate	14.05	163	196733	16.11	ng/ul	98
50) Acenaphthene	14.67	153	301768	28.20	ng/ul	98
53) 4-Nitrophenol	14.92	109	27898	16.83	ng/ul	81
55) 2,4-Dinitrotoluene	14.99	165	109140	29.85	ng/ul#	77
69) Pentachlorophenol	17.02	266	34547	13.83	ng/ul	93
80) Pyrene	19.76	202	798501	27.76	ng/ul	97

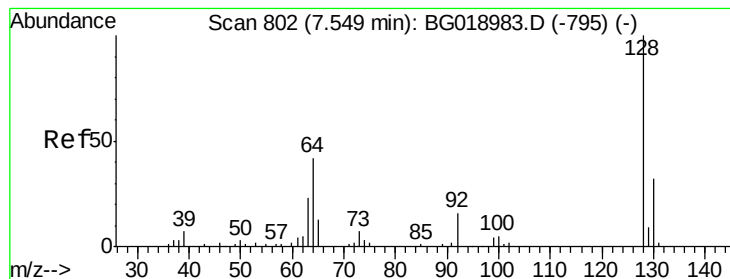
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

2-Chlorophenol

Concen: 23.74 ng/ul

RT: 7.55 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG018997.D

Acq: 2 Oct 2015 2:28

Instrument :

BNA_G

ClientSampleId :

E5MY3MSD

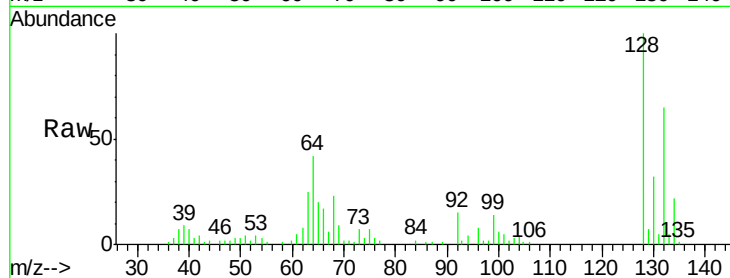
Tot Ion:128 Resp: 78339

Ion Ratio Lower Upper

128 100

64 42.2 40.9 61.3

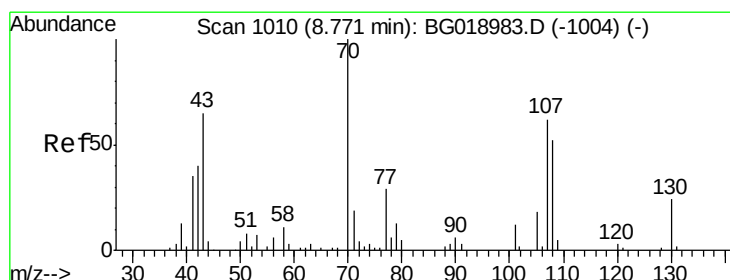
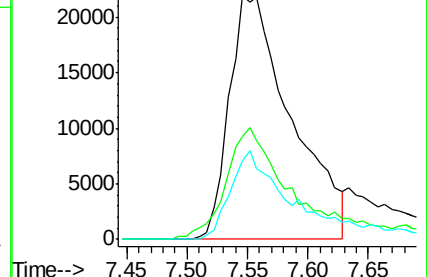
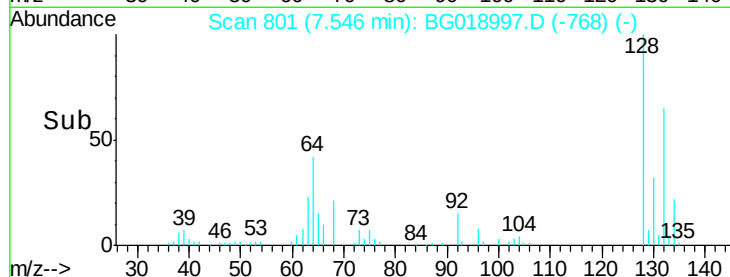
130 32.3 24.5 36.7



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: 21.44 ng/ul

RT: 8.77 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BG018997.D

Acq: 2 Oct 2015 2:28

Tgt Ion: 70 Resp: 57529

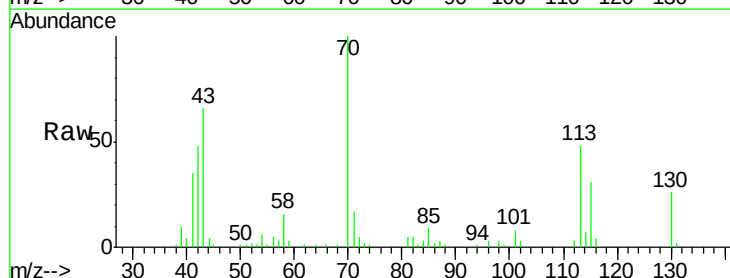
Ion Ratio Lower Upper

70 100

42 47.5 50.7 76.1#

101 8.5 7.4 11.2

130 25.8 15.8 23.6#

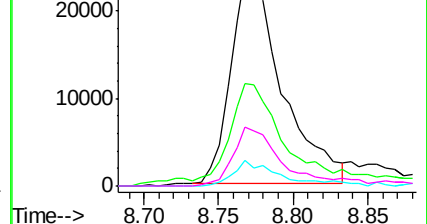
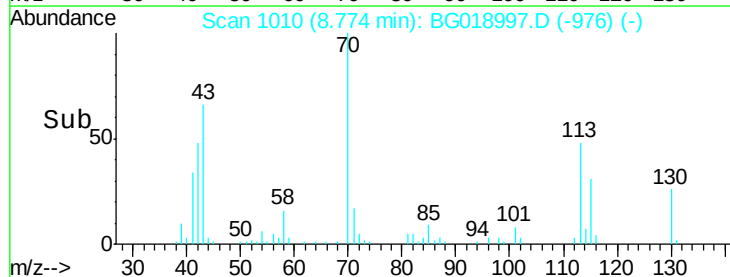


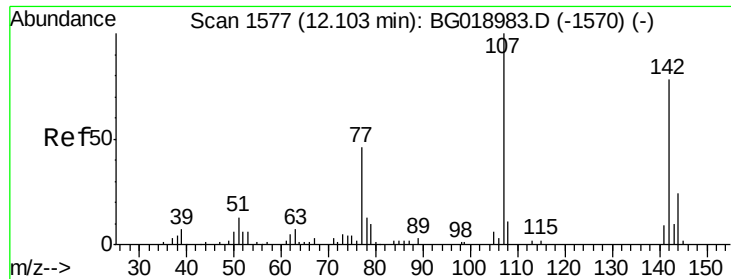
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#33

4-Chloro-3-methylphenol

Concen: 11.93 ng/ul

RT: 12.13 min Scan# 1581

Delta R.T. 0.03 min

Lab File: BG018997.D

Acq: 2 Oct 2015 2:28

Instrument :

BNA_G

ClientSampleId :

E5MY3MSD

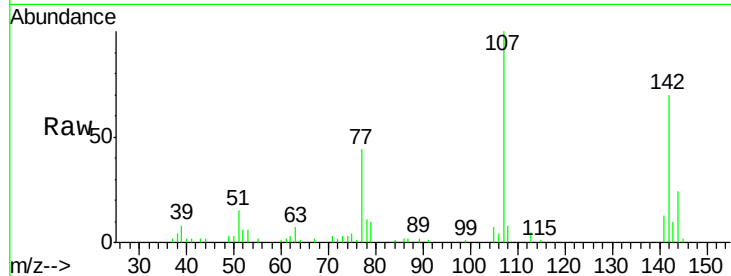
Tot Ion:107 Resp: 44671

Ion Ratio Lower Upper

107 100

144 23.5 21.4 32.2

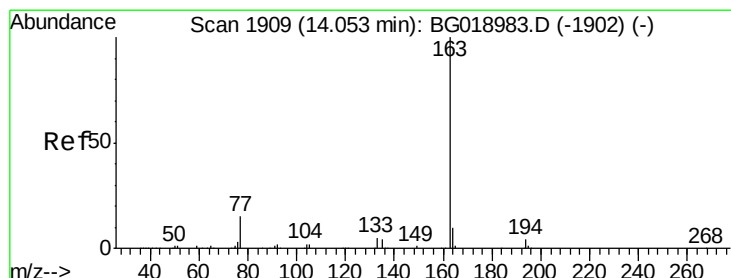
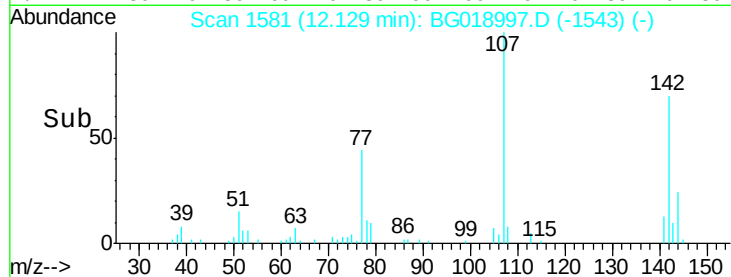
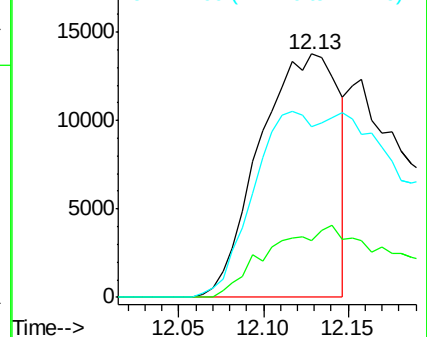
142 69.9 66.0 99.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#45

Dimethylphthalate

Concen: 16.11 ng/ul

RT: 14.05 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG018997.D

Acq: 2 Oct 2015 2:28

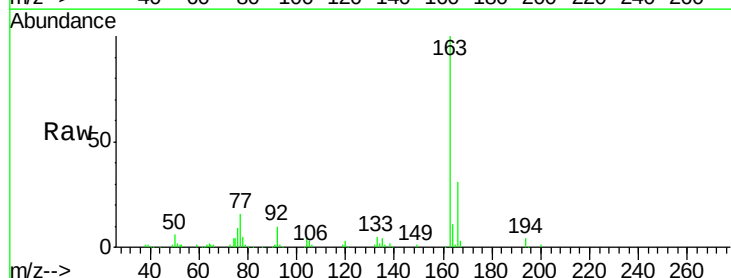
Tgt Ion:163 Resp: 196733

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

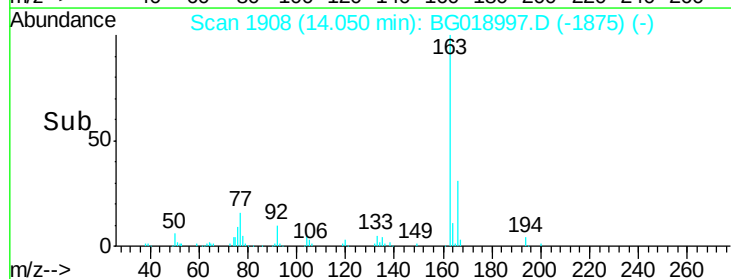
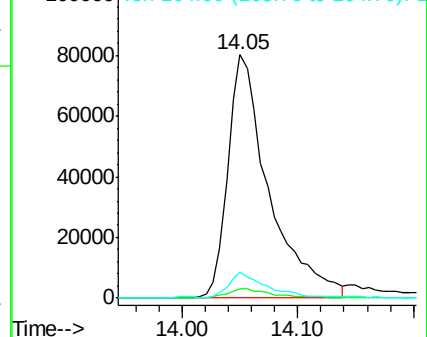
164 10.7 7.7 11.5

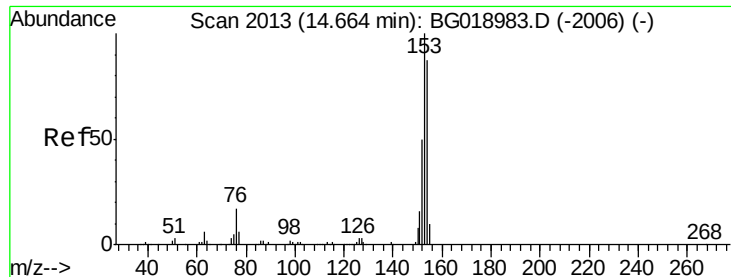


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 28.20 ng/ul

RT: 14.67 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BG018997.D

Acq: 2 Oct 2015 2:28

Instrument :

BNA_G

ClientSampleId :

E5MY3MSD

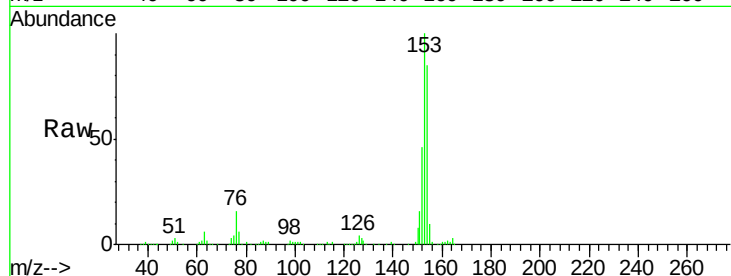
Tot Ion:153 Resp: 301768

Ion Ratio Lower Upper

153 100

152 45.6 38.2 57.4

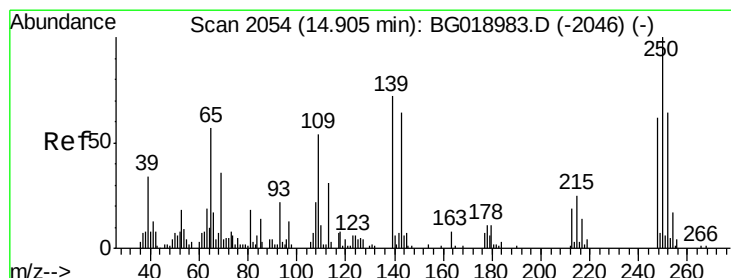
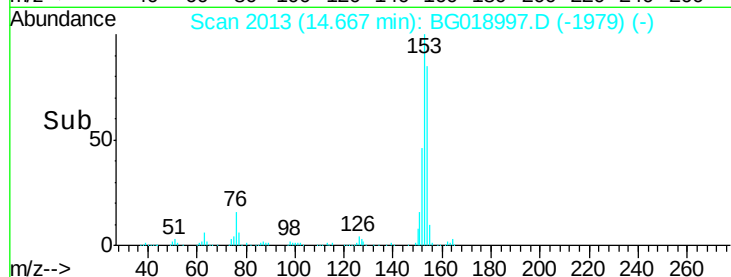
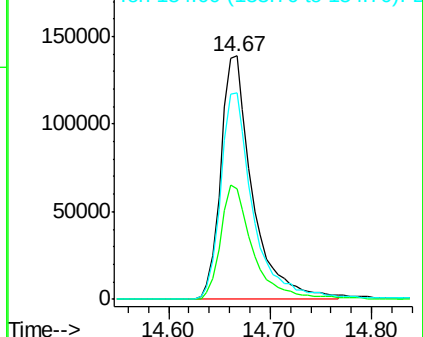
154 85.0 68.6 103.0



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: 16.83 ng/ul

RT: 14.92 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BG018997.D

Acq: 2 Oct 2015 2:28

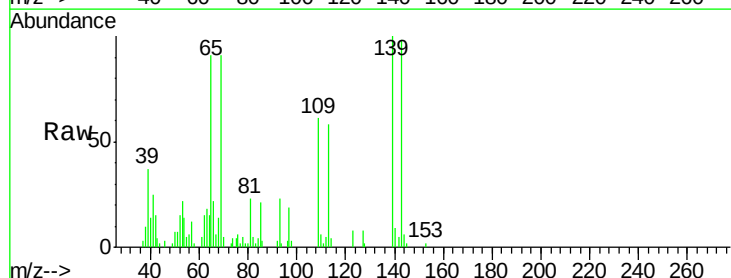
Tgt Ion:109 Resp: 27898

Ion Ratio Lower Upper

109 100

139 165.0 111.3 166.9

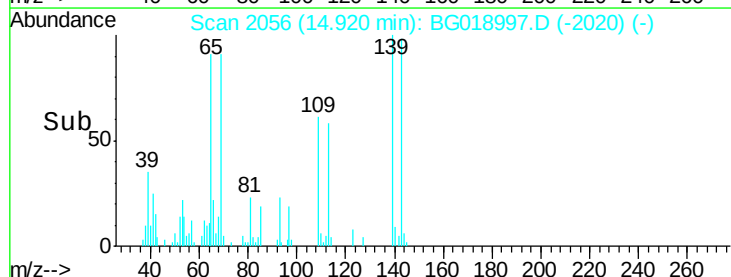
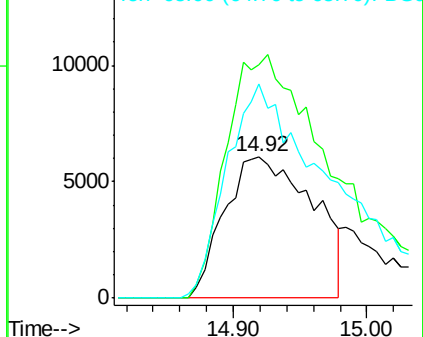
65 150.7 105.3 157.9

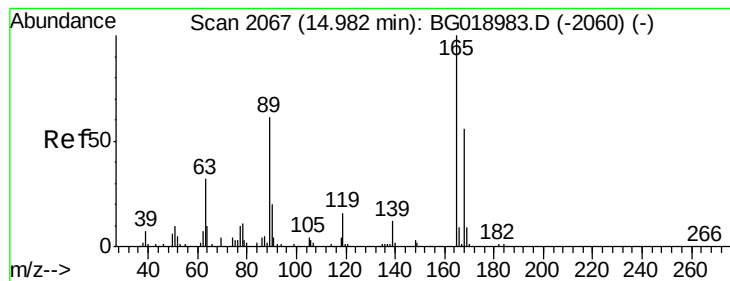


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





#55

2,4-Dinitrotoluene

Concen: 29.85 ng/ul

RT: 14.99 min Scan# 2068

Delta R.T. 0.01 min

Lab File: BG018997.D

Acq: 2 Oct 2015 2:28

Instrument :

BNA_G

ClientSampleId :

E5MY3MSD

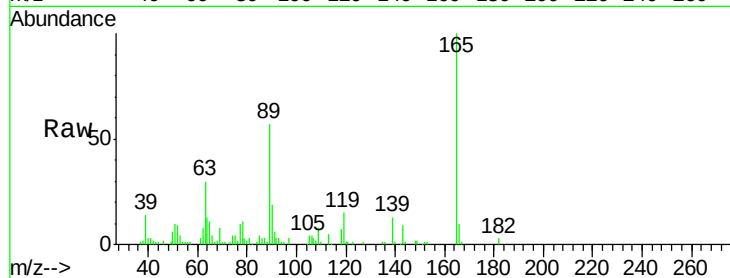
Tot Ion:165 Resp: 109140

Ion Ratio Lower Upper

165 100

63 29.7 36.7 55.1#

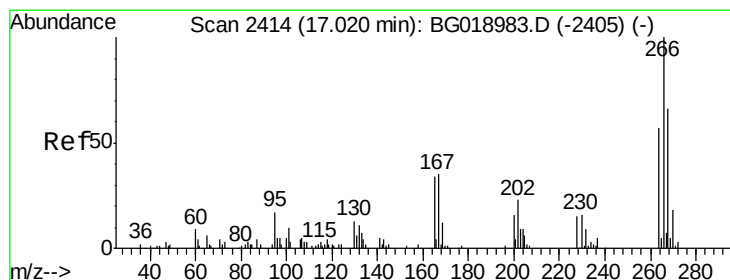
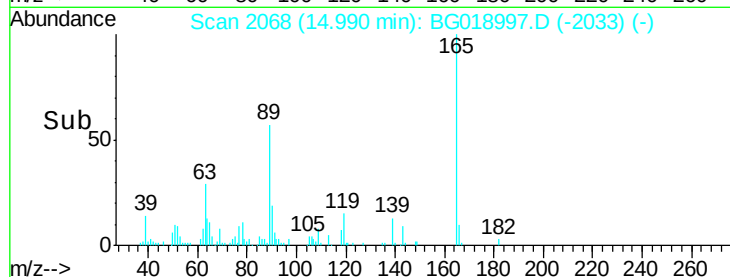
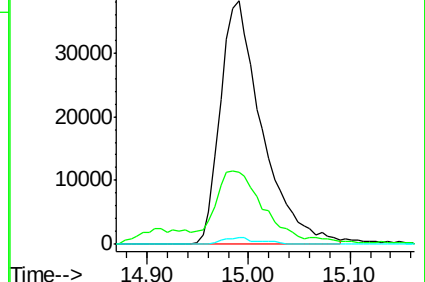
182 2.6 2.2 3.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 182.00 (181.70 to 182.70): E



#69

Pentachlorophenol

Concen: 13.83 ng/ul

RT: 17.02 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG018997.D

Acq: 2 Oct 2015 2:28

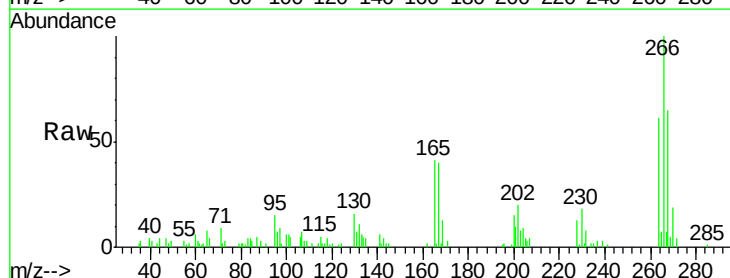
Tgt Ion:266 Resp: 34547

Ion Ratio Lower Upper

266 100

264 60.6 55.4 83.0

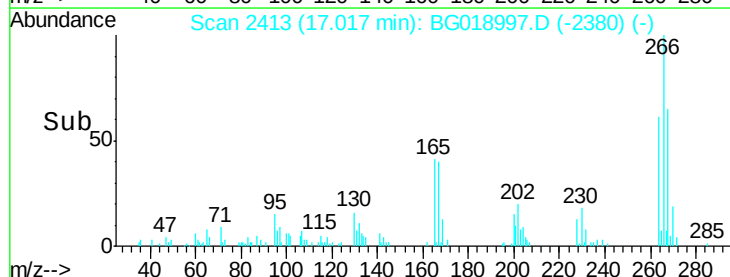
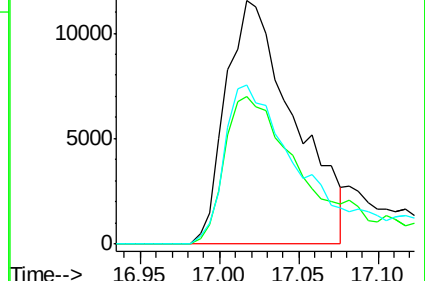
268 70.3 53.6 80.4

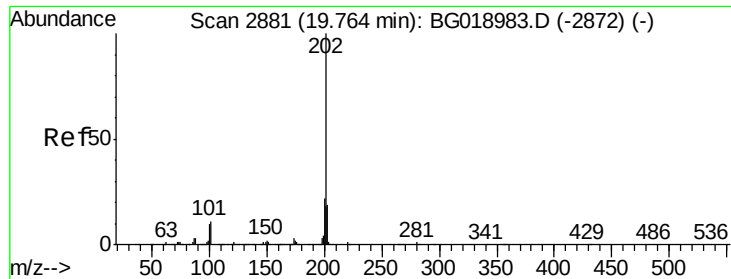


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#80
 Pvrene
 Concen: 27.76 ng/ul
 RT: 19.76 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BG018997.D
 Acq: 2 Oct 2015 2:28

Instrument :
 BNA_G
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.0	16.4
100	10.9	9.8	14.6

