

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

Manual Integrations
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 10/2/2015 5:45:51 PM

Quant Time: Oct 02 13:45:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 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

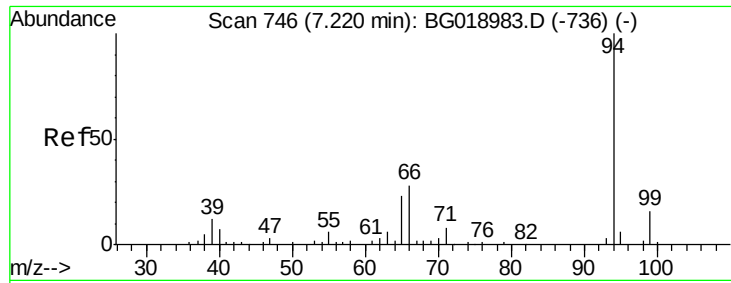
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	5826	5.46	ng/uL	0.00
5) Phenol-d5	7.18	99	87650m	20.82	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	8.77	113	96078m	28.13	ng/ul	0.05
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	98144m	27.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	101877m	24.94	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	63195m	26.13	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

						Qvalue
6) Phenol	7.22	94	111723m	25.66	ng/ul	
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	103529m	27.64	ng/ul	
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	35774m	21.58	ng/ul	
55) 2,4-Dinitrotoluene	14.99	165	109140	29.85	ng/ul#	77
69) Pentachlorophenol	17.02	266	42646m	17.08	ng/ul	
80) Pyrene	19.76	202	798501	27.76	ng/ul	97

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



#6

Phenol

Concen: 25.66 ng/ul m

RT: 7.22 min Scan# 745

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

E5MY3MSD

Tgt Ion: 94 Resp: 111723

Ion Ratio Lower Upper

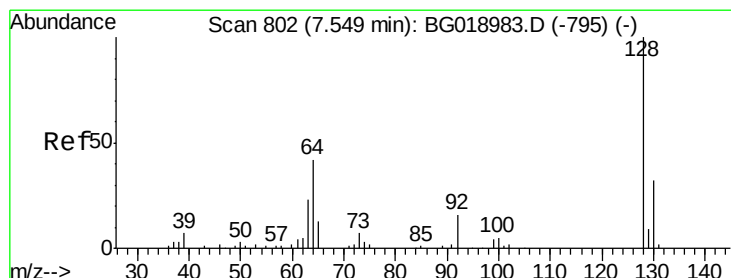
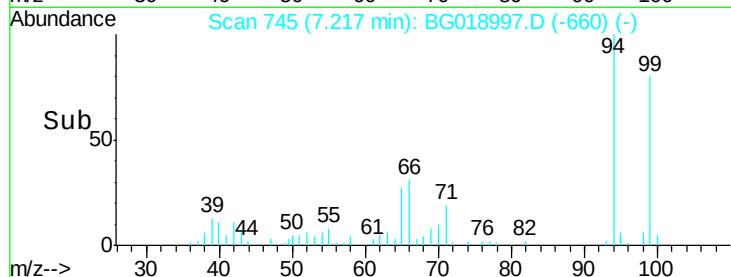
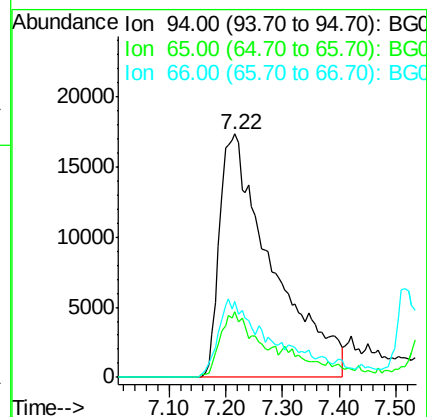
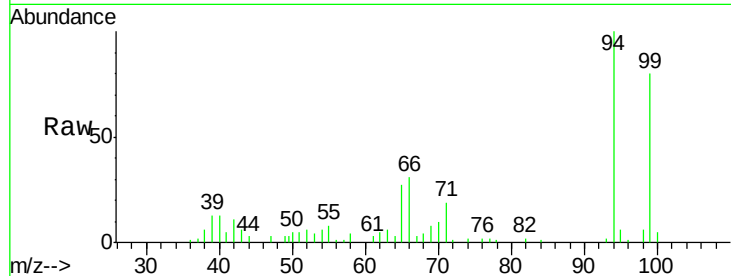
94 100

65 26.9 23.0 34.6

66 31.2 31.0 46.4

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#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

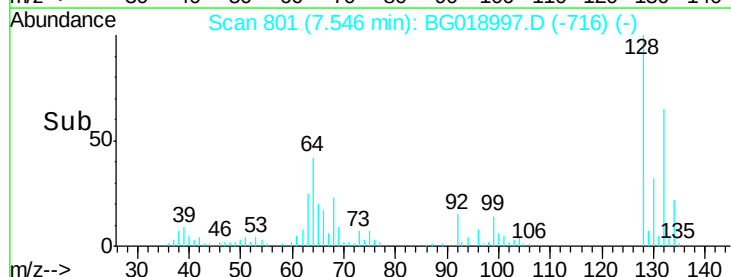
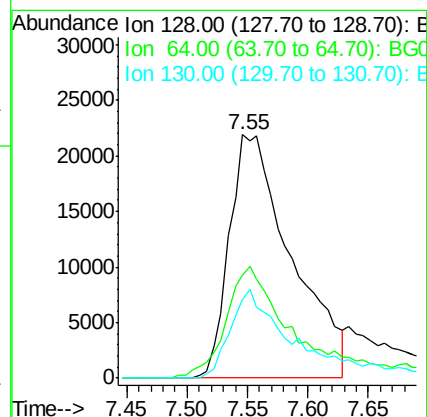
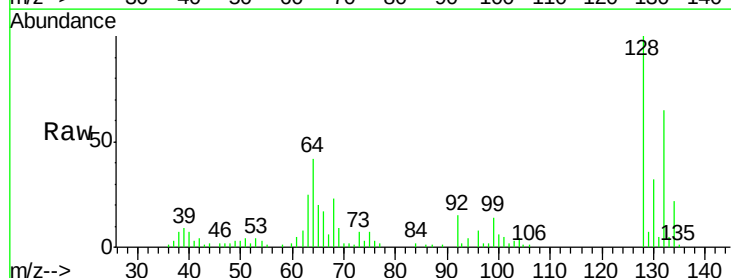
Tgt Ion: 128 Resp: 78339

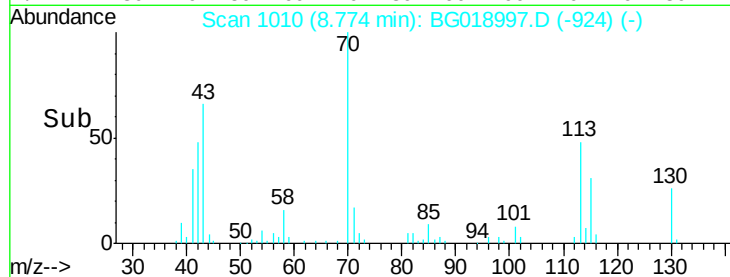
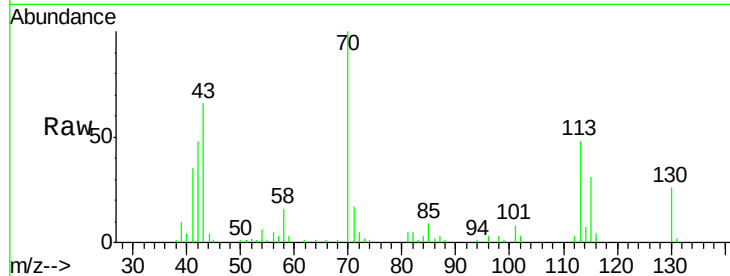
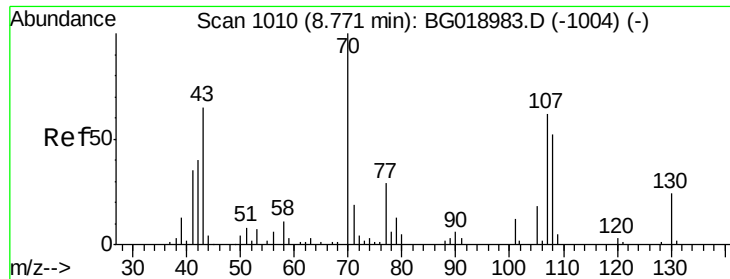
Ion Ratio Lower Upper

128 100

64 42.2 40.9 61.3

130 32.3 24.5 36.7





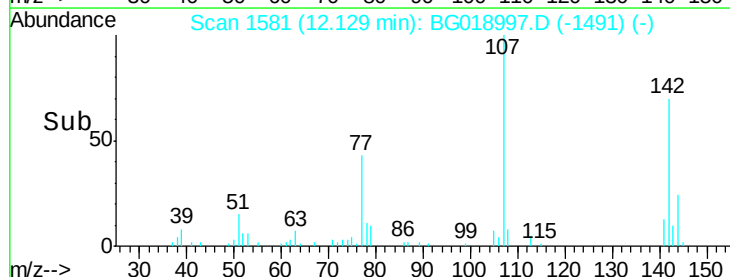
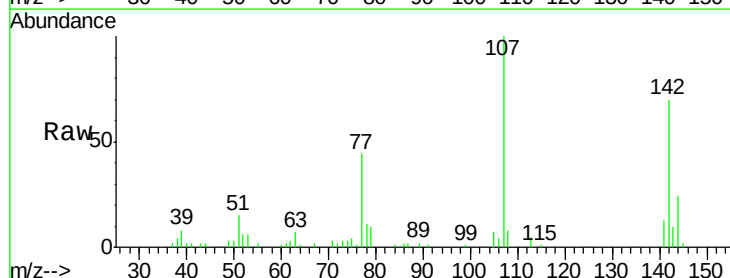
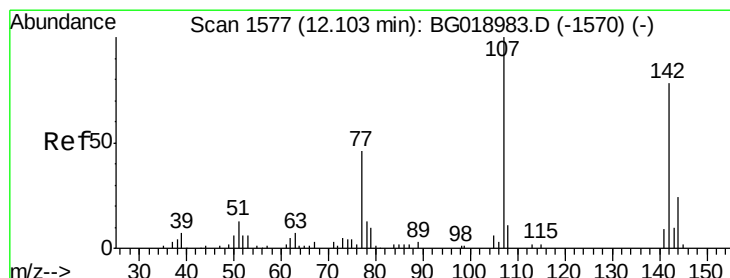
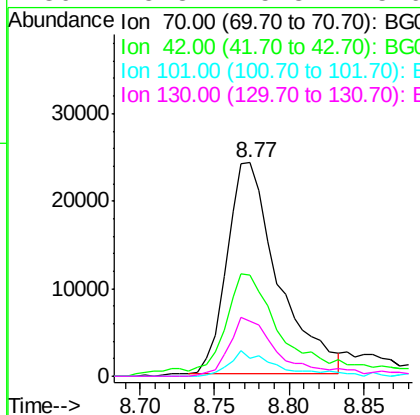
#15
N-Nitroso-di-n-propylamine
Concen: 21.44 ng/ul
RT: 8.77 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG018997.D
Acq: 2 Oct 2015 2:28

Instrument :
BNA_G
ClientSampleId :
E5MY3MSD

Tgt 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#

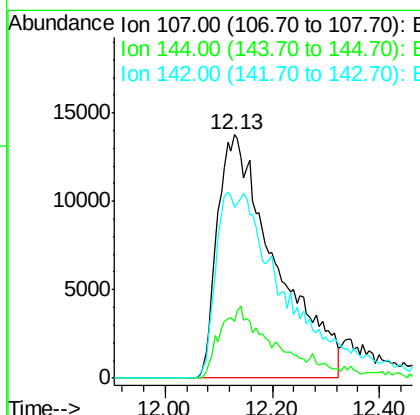
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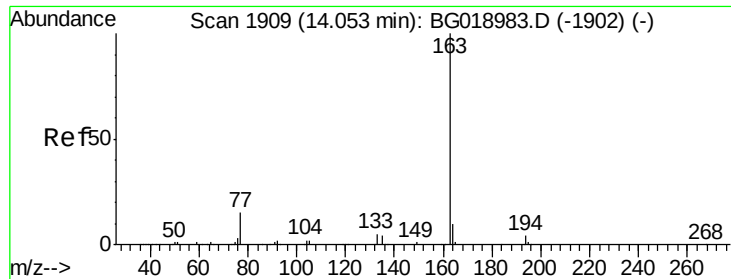
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#33
4-Chloro-3-methylphenol
Concen: 27.64 ng/ul m
RT: 12.13 min Scan# 1581
Delta R.T. 0.03 min
Lab File: BG018997.D
Acq: 2 Oct 2015 2:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	21.4	32.2
142	69.9	66.0	99.0





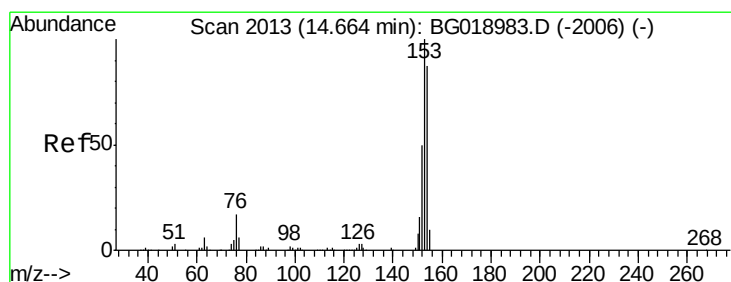
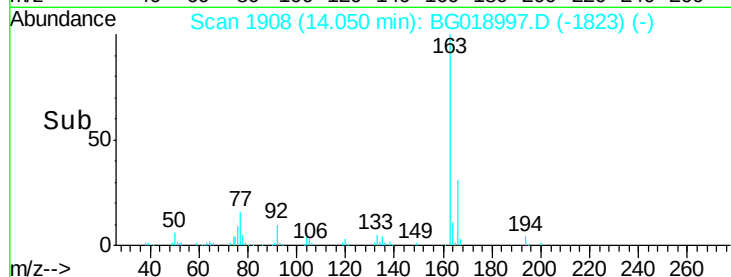
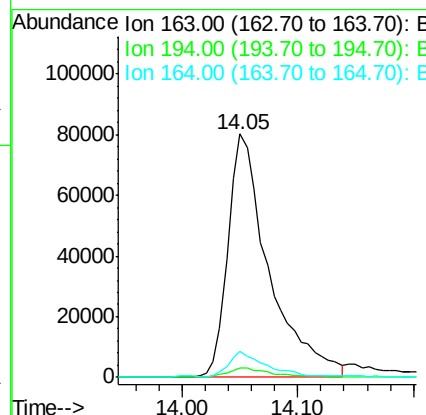
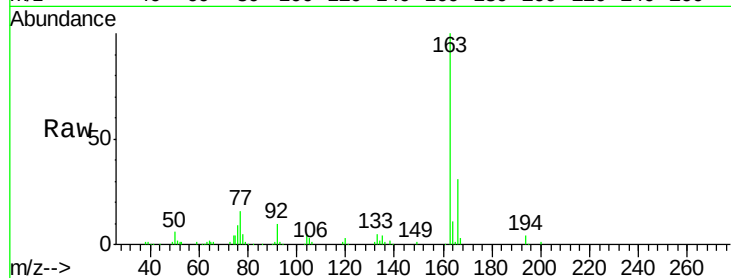
#45
Dimethylphthalate
Concen: 16.11 ng/ul
RT: 14.05 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG018997.D
Acq: 2 Oct 2015 2:28

Instrument :
BNA_G
ClientSampleId :
E5MY3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	196733		
194	3.7		2.9	4.3
164	10.7		7.7	11.5

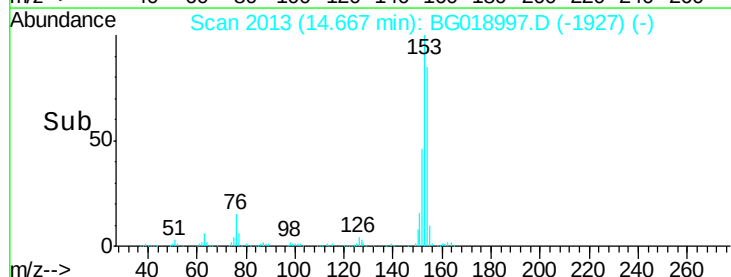
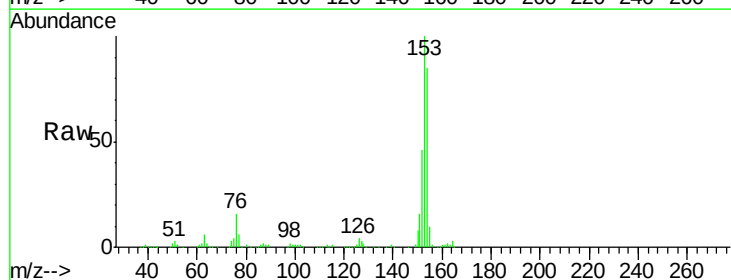
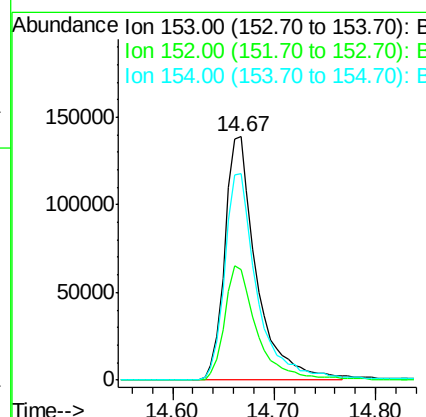
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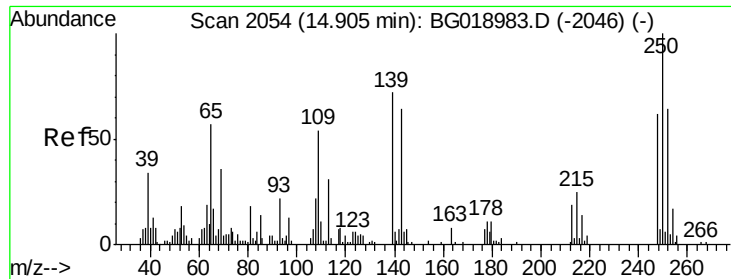
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#50
Acenaphthene
Concen: 28.20 ng/ul
RT: 14.67 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG018997.D
Acq: 2 Oct 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	301768		
152	45.6		38.2	57.4
154	85.0		68.6	103.0





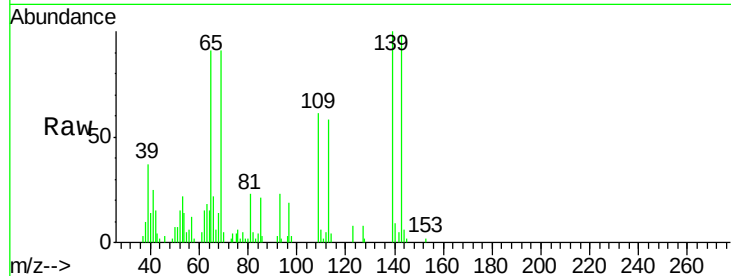
#53
4-Nitrophenol
Concen: 21.58 ng/ul m
RT: 14.92 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BG018997.D
Acq: 2 Oct 2015 2:28

Instrument :
BNA_G
ClientSampled :
E5MY3MSD

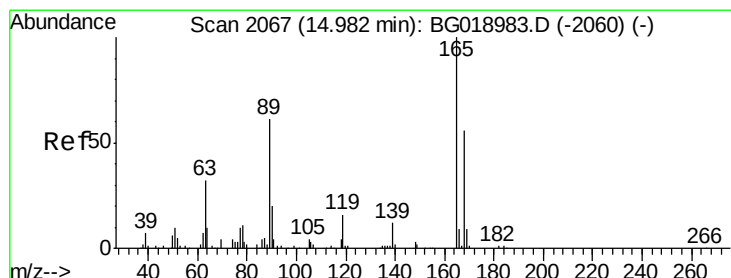
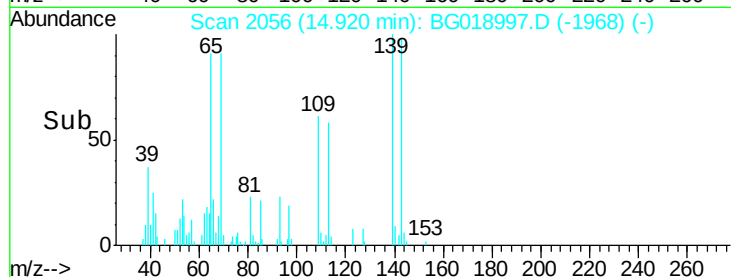
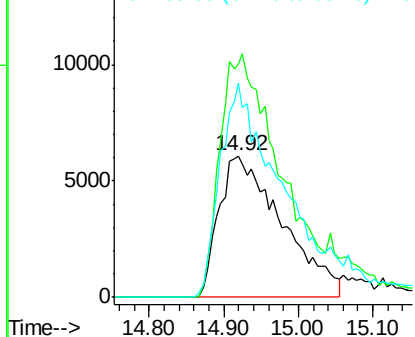
Tgt Ion	Ratio	Resp	Lower	Upper
109	100	35774		
139	165.0	111.3	166.9	
65	150.7	105.3	157.9	

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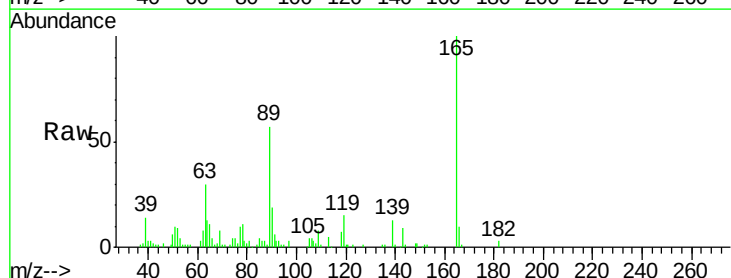


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): B

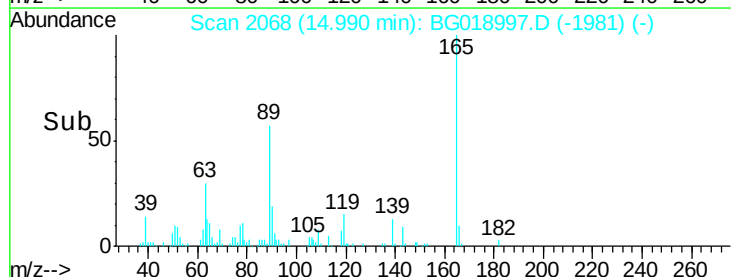
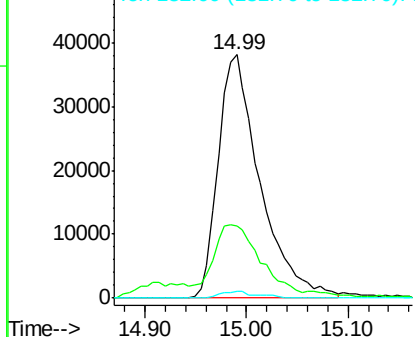


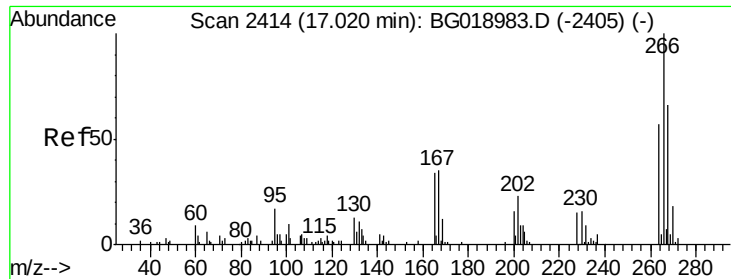
#55
2,4-Dinitrotoluene
Concen: 29.85 ng/ul
RT: 14.99 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BG018997.D
Acq: 2 Oct 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	109140		
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





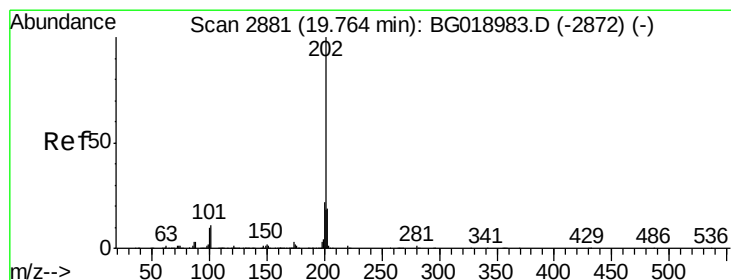
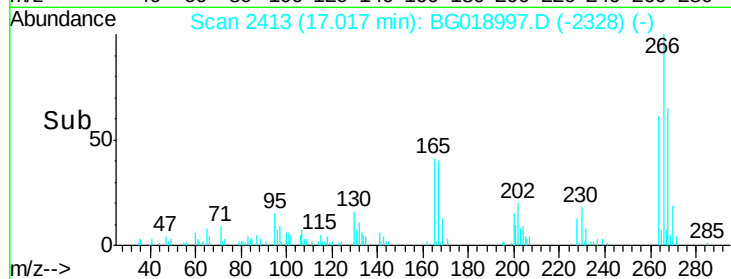
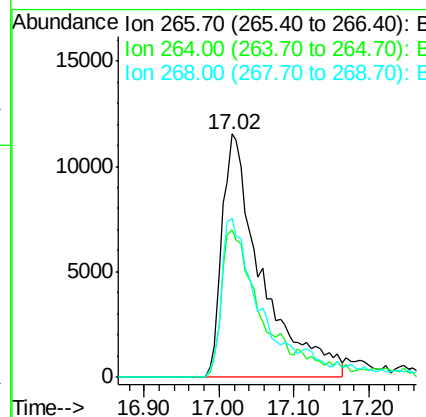
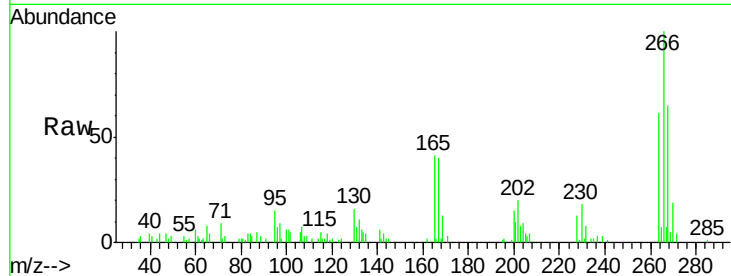
#69
 Pentachlorophenol
 Concen: 17.08 ng/ul m
 RT: 17.02 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG018997.D
 Acq: 2 Oct 2015 2:28

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	42646		
264	60.6	55.4	83.0	
268	65.4	53.6	80.4	

Manual Integrations
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#80
 Pyrene
 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

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	798501		
101	12.4	11.0	16.4	
100	10.9	9.8	14.6	

