

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

Manual Integrations
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Quant Time: Oct 02 13:39:42 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	7.98	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	17.35	188	420761m	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	486962	20.00	ng/ul	-0.01
86) Perylene-d12	24.78	264	494631	20.00	ng/ul	-0.01

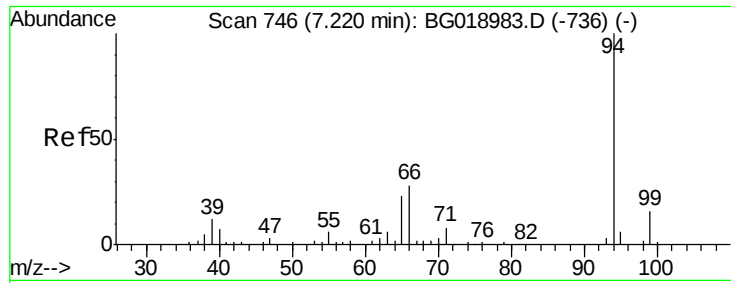
System Monitoring Compounds

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	110084m	29.25	ng/ul	0.02
19) Nitrobenzene-d5	9.14	128	56589m	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	105655m	27.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	119787m	26.83	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	67808m	26.67	ng/ul	0.00
58) Fluorene-d10	15.59	176	374909	32.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	42256m	21.22	ng/ul	0.00
71) Anthracene-d10	17.44	188	608323m	32.84	ng/ul	0.00
79) Pyrene-d10	19.73	212	716441	31.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.55	264	766561	31.84	ng/ul	-0.02

Target Compounds

						Qvalue
6) Phenol	7.22	94	126295m	26.32	ng/ul	
10) 2-Chlorophenol	7.55	128	99407m	27.33	ng/ul	
15) N-Nitroso-di-n-propylamine	8.77	70	72576	24.54	ng/ul#	81
33) 4-Chloro-3-methylphenol	12.13	107	115876m	28.30	ng/ul	
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	14.93	109	41987m	24.09	ng/ul	
55) 2,4-Dinitrotoluene	14.99	165	119899	31.19	ng/ul#	83
69) Pentachlorophenol	17.02	266	44592	16.73	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: 26.32 ng/ul m

RT: 7.22 min Scan# 745

Delta R.T. -0.00 min

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Instrument :

BNA_G

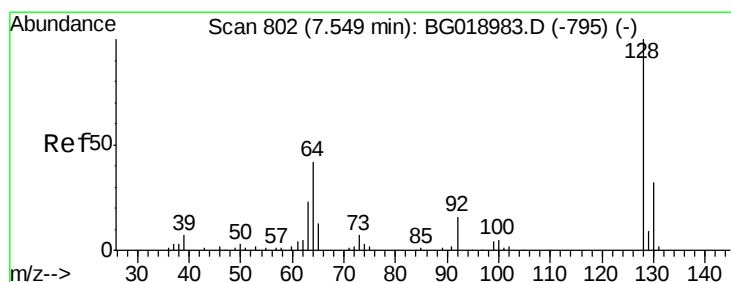
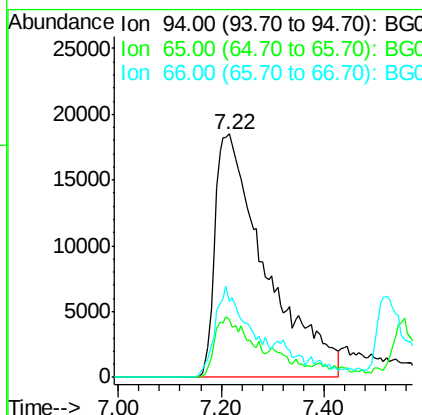
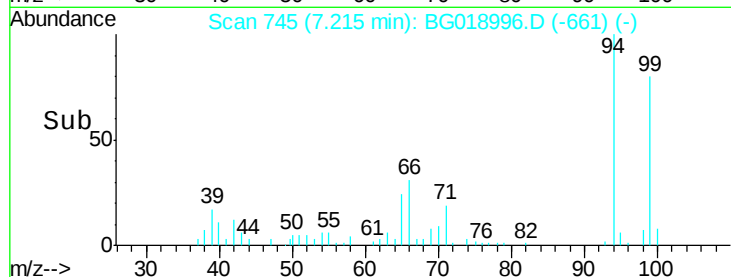
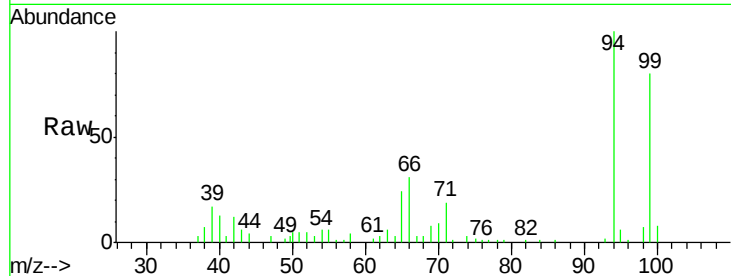
ClientSampleId :

E5MY3MS

Tgt Ion:	94	Resp:	126295
Ion Ratio	Lower	Upper	
94	100		
65	23.6	23.0	34.6
66	31.2	31.0	46.4

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#10

2-Chlorophenol

Concen: 27.33 ng/ul m

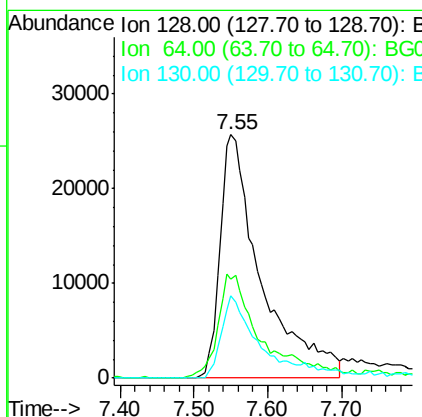
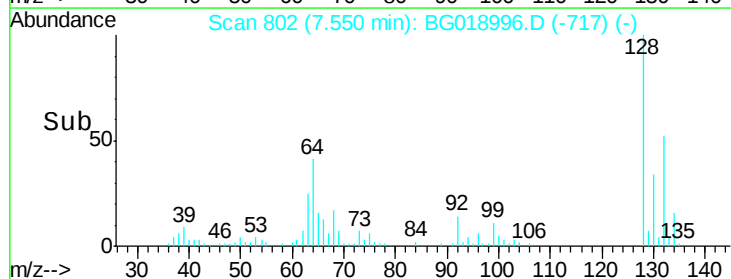
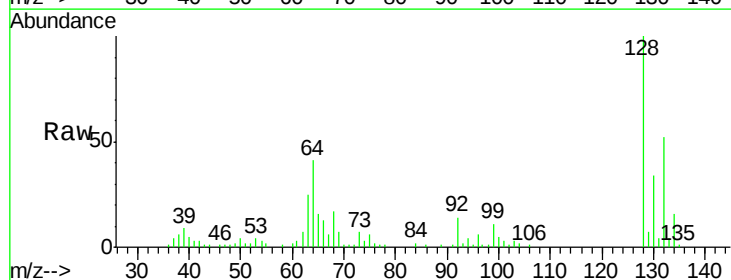
RT: 7.55 min Scan# 802

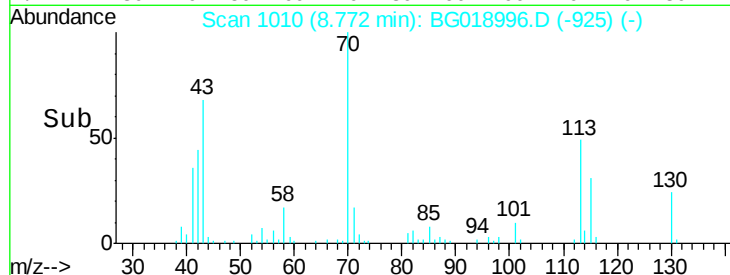
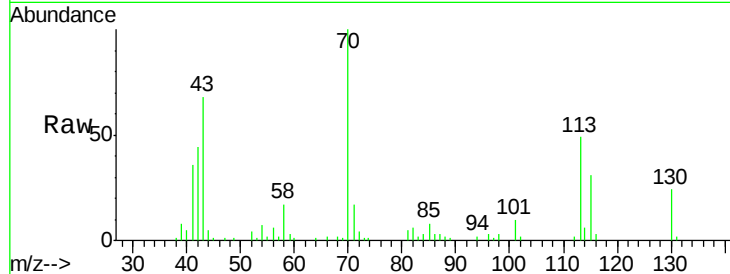
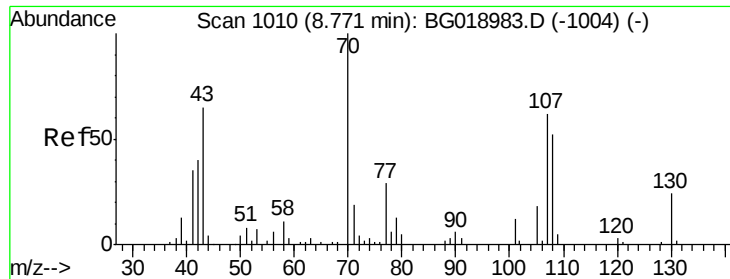
Delta R.T. 0.00 min

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Tgt Ion:	128	Resp:	99407
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: 24.54 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

Tgt Ion: 70 Resp: 72576

Ion Ratio Lower Upper

70 100

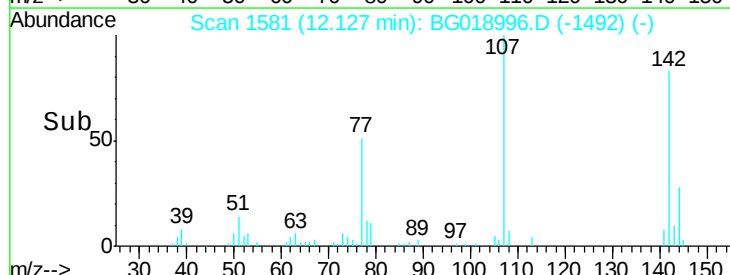
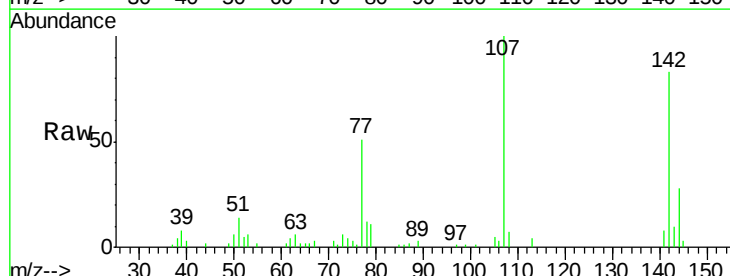
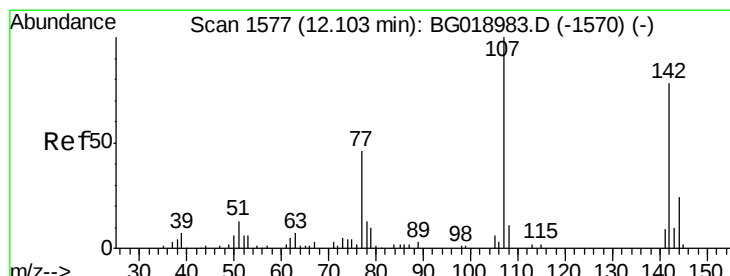
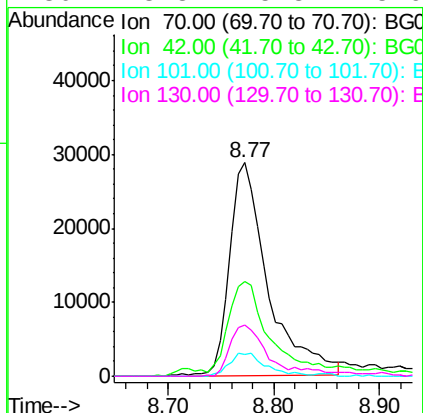
42 44.5 50.7 76.1#

101 10.1 7.4 11.2

130 23.8 15.8 23.6#

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#33

4-Chloro-3-methylphenol

Concen: 28.30 ng/ul m

RT: 12.13 min Scan# 1581

Delta R.T. 0.02 min

Lab File: BG018996.D

Acq: 2 Oct 2015 1:50

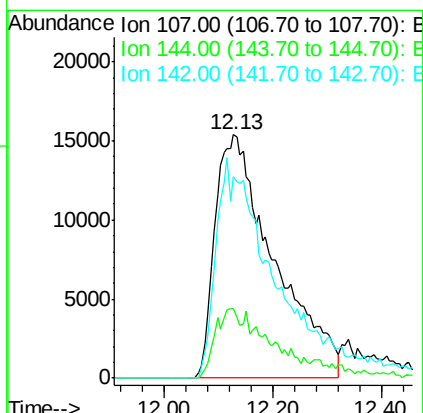
Tgt Ion: 107 Resp: 115876

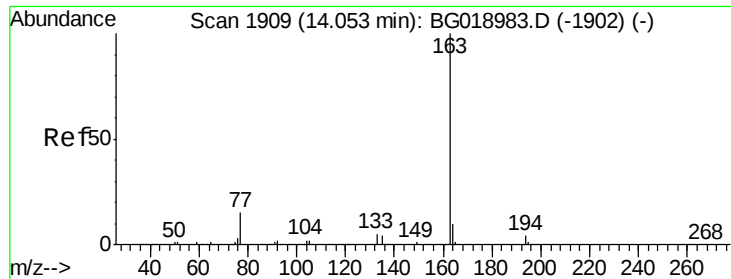
Ion Ratio Lower Upper

107 100

144 28.4 21.4 32.2

142 82.8 66.0 99.0





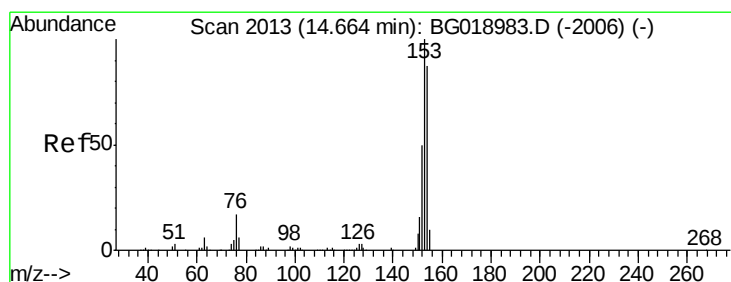
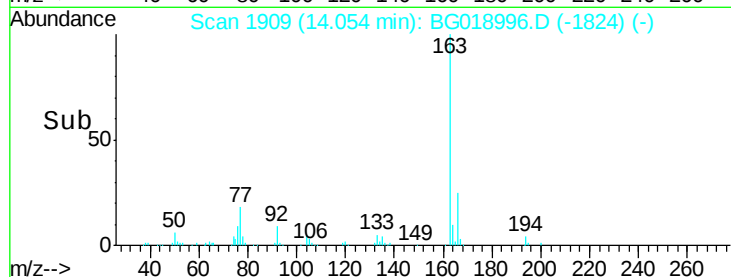
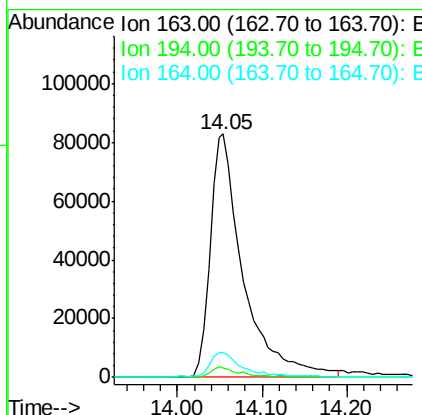
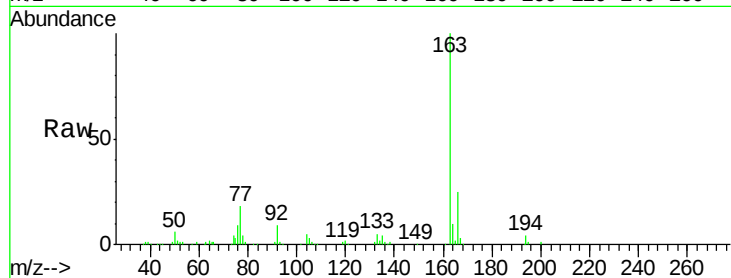
#45
Dimethylphthalate
Concen: 17.40 ng/ul
RT: 14.05 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BG018996.D
Acq: 2 Oct 2015 1:50

Instrument :
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ClientSampleId :
E5MY3MS

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

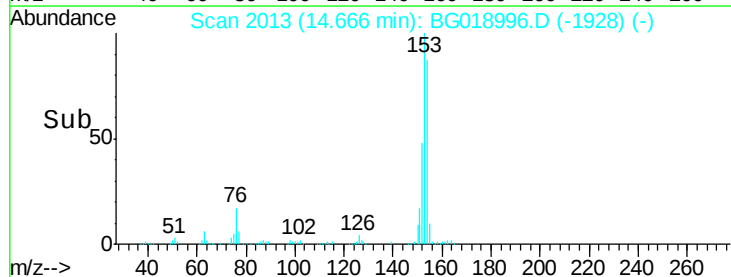
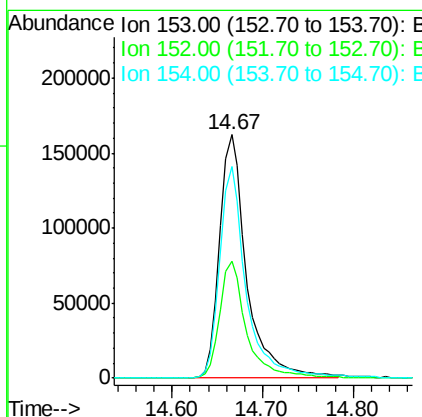
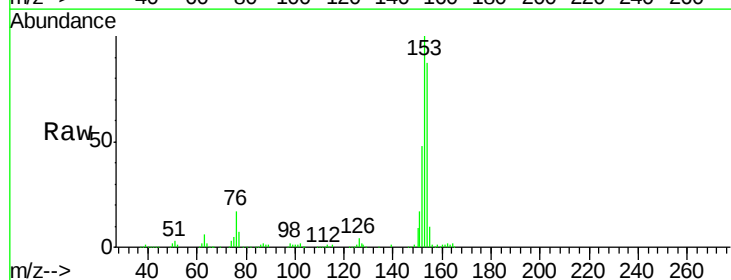
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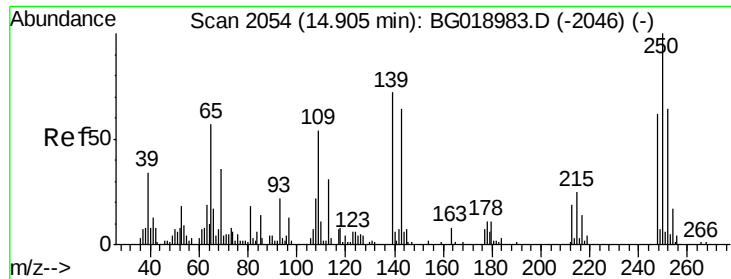
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#50
Acenaphthene
Concen: 30.02 ng/ul
RT: 14.67 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG018996.D
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Tgt Ion	Ratio	Resp	Lower	Upper
153	100	337701		
152	47.8		38.2	57.4
154	86.7		68.6	103.0





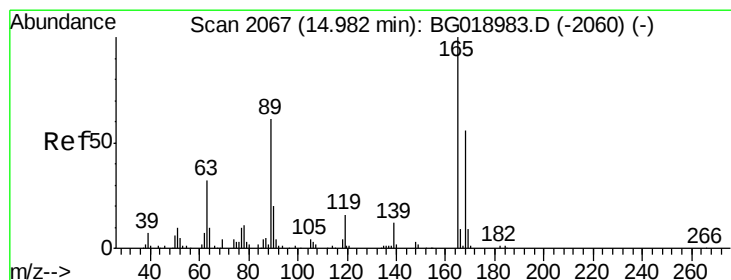
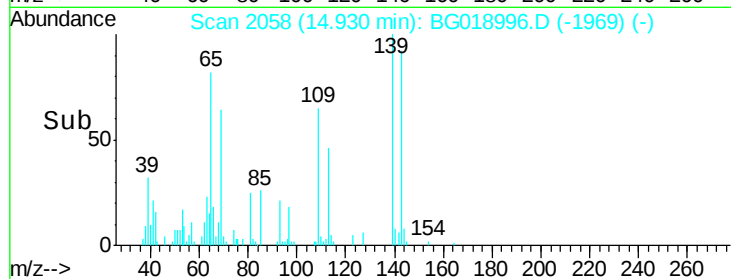
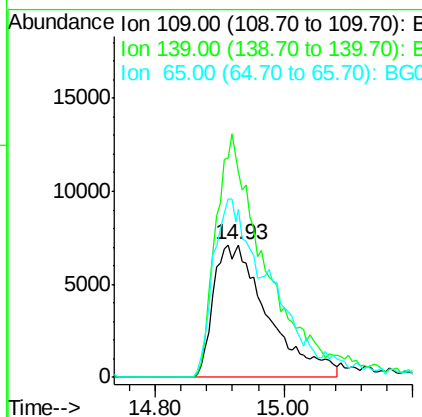
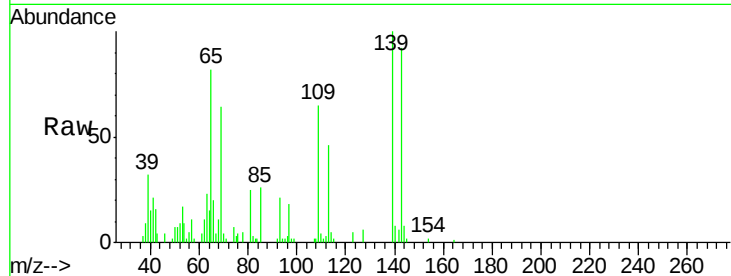
#53
4-Nitrophenol
Concen: 24.09 ng/ul m
RT: 14.93 min Scan# 2058
Delta R.T. 0.02 min
Lab File: BG018996.D
Acq: 2 Oct 2015 1:50

Instrument :
BNA_G
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Tgt Ion	Ratio	Resp	Lower	Upper
109	100	41987		
139	154.6	111.3	166.9	
65	127.1	105.3	157.9	

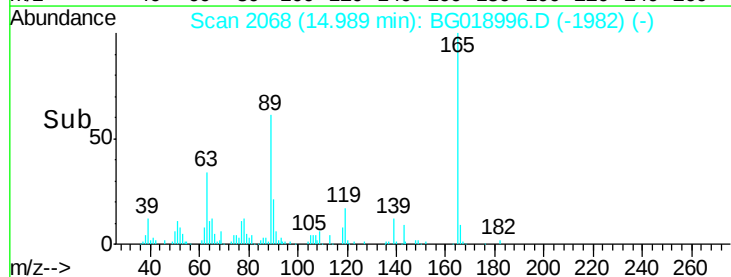
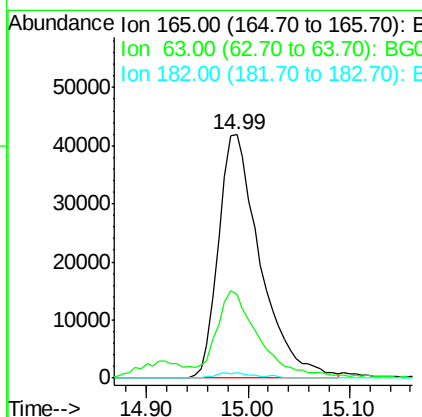
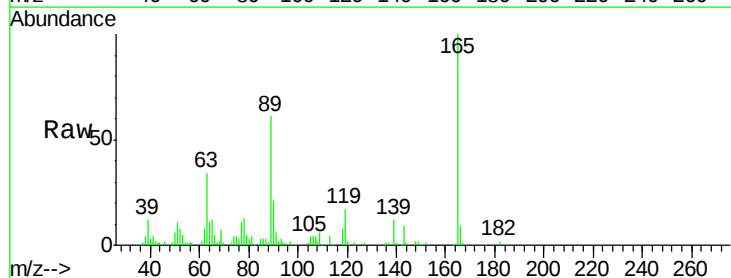
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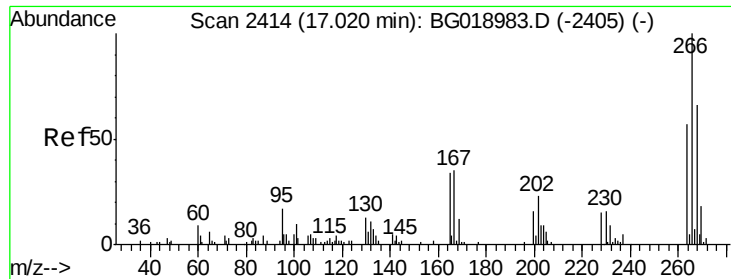
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#55
2,4-Dinitrotoluene
Concen: 31.19 ng/ul
RT: 14.99 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BG018996.D
Acq: 2 Oct 2015 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	119899		
63	34.2	36.7	55.1#	
182	2.2	2.2	3.2	





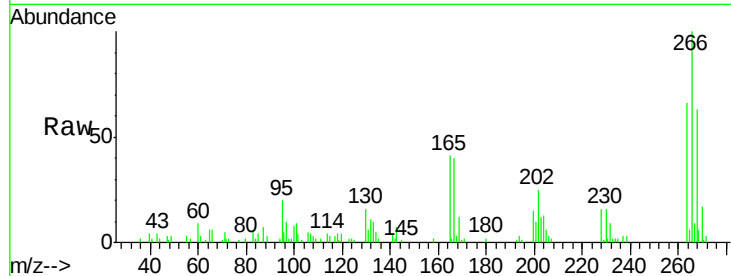
#69
 Pentachlorophenol
 Concen: 16.73 ng/ul
 RT: 17.02 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG018996.D
 Acq: 2 Oct 2015 1:50

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3MS

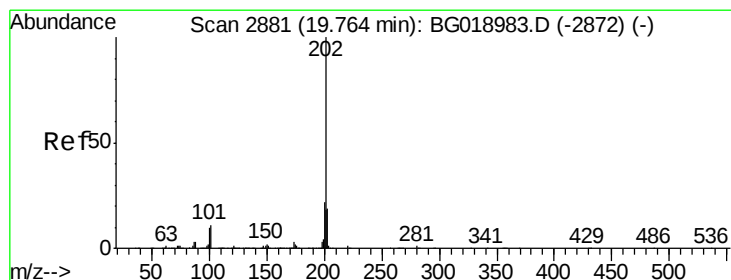
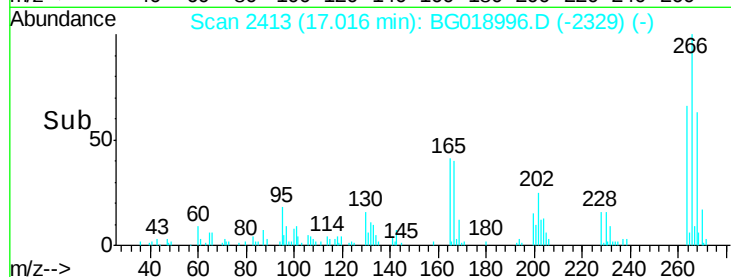
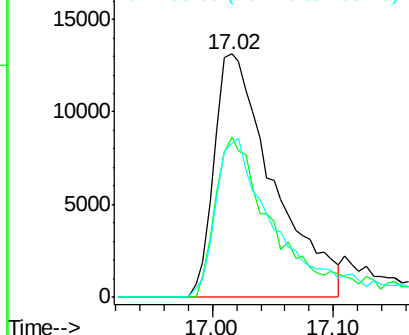
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	44592		
264	65.8	55.4	83.0	
268	69.2	53.6	80.4	

Manual Integrations
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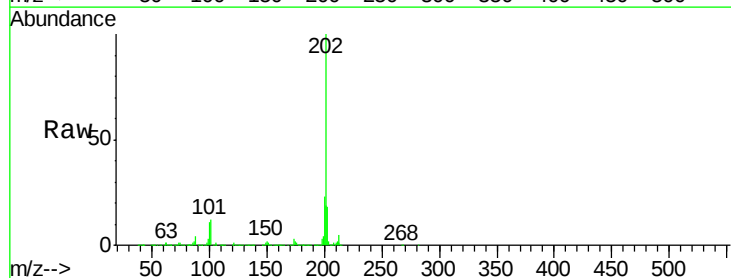


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#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	Ratio	Resp	Lower	Upper
202	100	835413		
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

