

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093015\
 Data File : BG018965.D
 Acq On : 30 Sep 2015 4:03
 Operator : UM/NP
 Sample : G3803-13MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43K2MS

Manual Integrations
 APPROVED

MMDadoda
 9/30/2015 6:13:01 PM

Quant Time: Sep 30 17:41:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 30 04:08:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	60981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	262910	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	177577	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	456859	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	532745	20.00	ng/ul	0.00
86) Perylene-d12	24.79	264	534140	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	1800	1.42	ng/uL	0.01
5) Phenol-d5	7.16	99	34414	6.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	74639	25.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	91420	24.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	63461	15.62	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	59295	29.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	64766	32.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	115003	27.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	7196	1.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	404231	28.29	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	547304	32.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	15932	5.81	ng/ul	0.00
58) Fluorene-d10	15.61	176	430643	34.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	70130	32.43	ng/ul	0.00
71) Anthracene-d10	17.45	188	456891	22.72	ng/ul	0.00
79) Pyrene-d10	19.74	212	843088	34.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.58	264	837251	32.21	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.19	94	37411	7.22	ng/ul#	86
10) 2-Chlorophenol	7.56	128	92632	23.60	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.78	70	78477	24.58	ng/ul#	82
33) 4-Chloro-3-methylphenol	12.07	107	111161	24.71	ng/ul	99
50) Acenaphthene	14.68	153	327487	26.98	ng/ul	99
53) 4-Nitrophenol	14.83	109	11275m	6.00	ng/ul	
55) 2,4-Dinitrotoluene	14.98	165	119677	28.86	ng/ul#	78
69) Pentachlorophenol	17.01	266	61921	21.40	ng/ul	96
80) Pvrene	19.77	202	838909	26.78	ng/ul	95

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

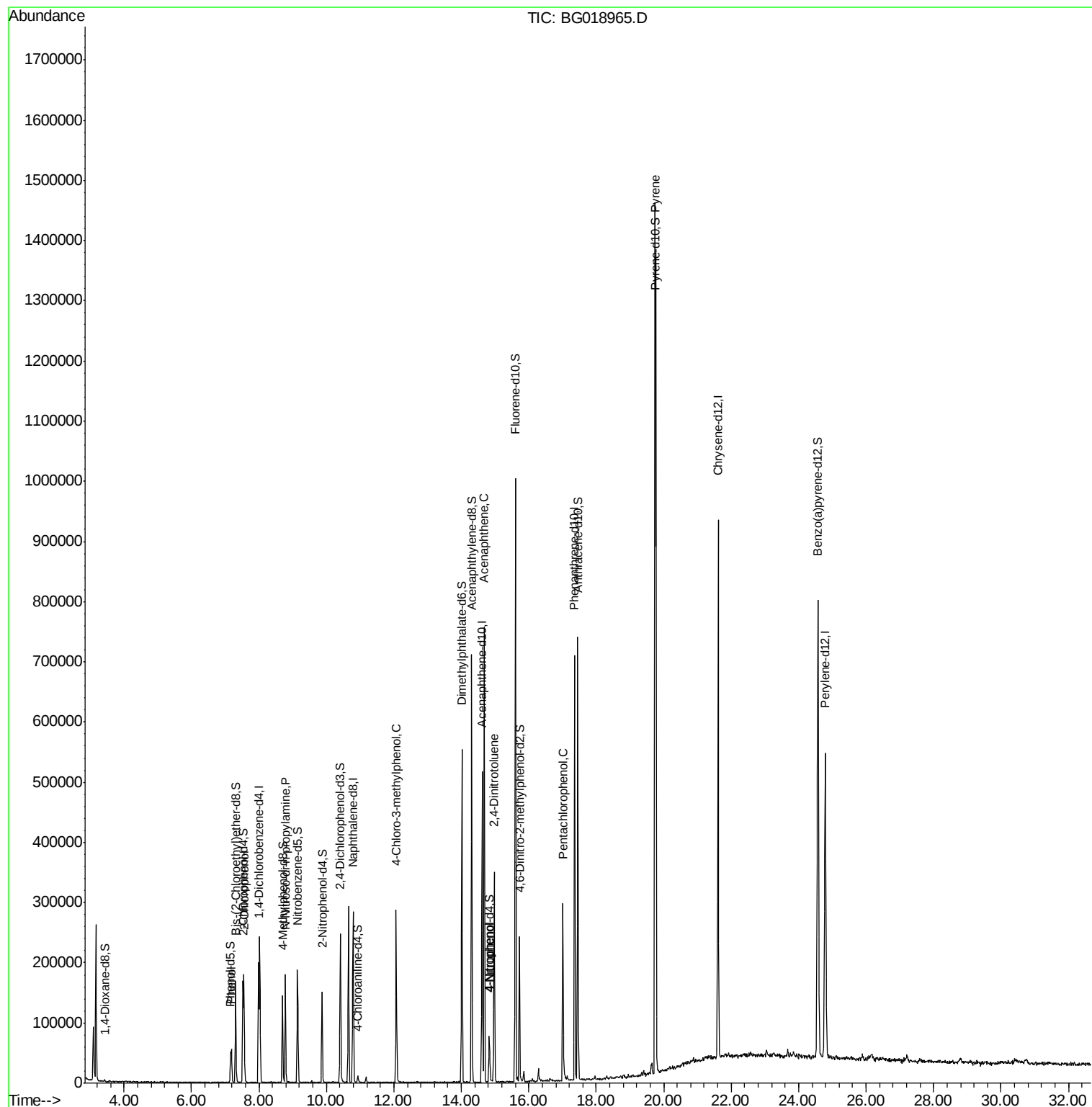
Data Path : Z:\HPCHEM1\BNA G\DATA\BG093015\
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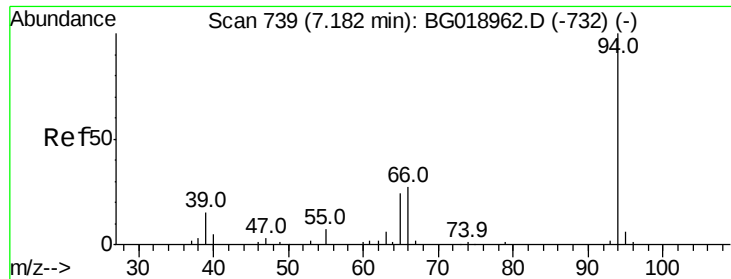
Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: Sep 30 17:41:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 30 04:08:14 2015
Response via : Initial Calibration





#6

Phenol

Concen: 7.22 ng/ul

RT: 7.19 min Scan# 740

Delta R.T. 0.00 min

Lab File: BG018965.D

Acq: 30 Sep 2015 4:03

Instrument :

BNA_G

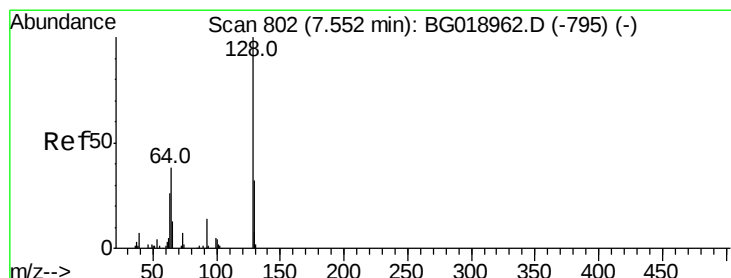
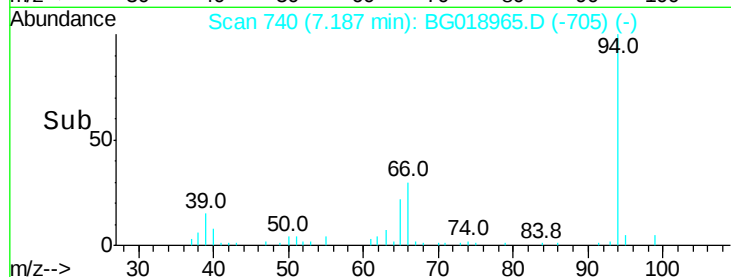
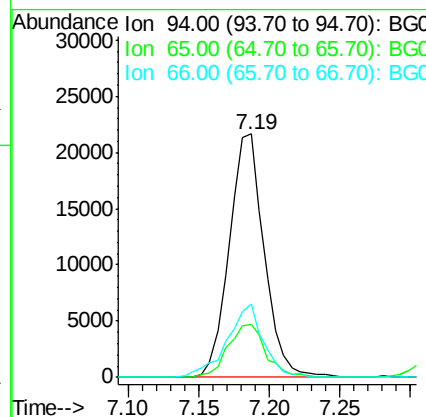
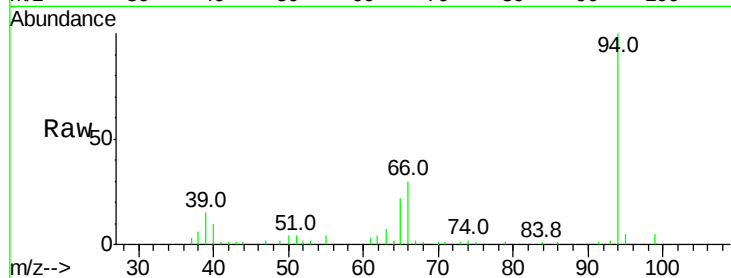
ClientSampleId :

E43K2MS

Tot Ion:	94	Resp:	37411
Ion Ratio	Lower	Upper	
94	100		
65	21.9	23.0	34.6#
66	30.2	31.0	46.4#

Manual Integrations
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#10

2-Chlorophenol

Concen: 23.60 ng/ul

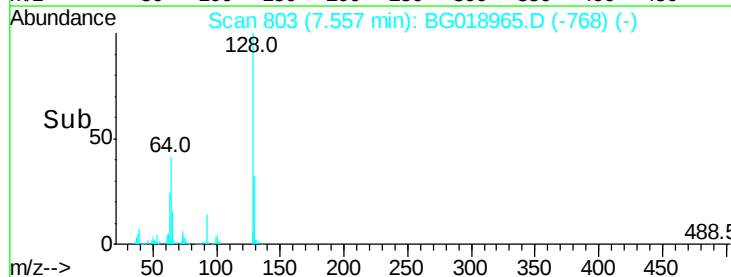
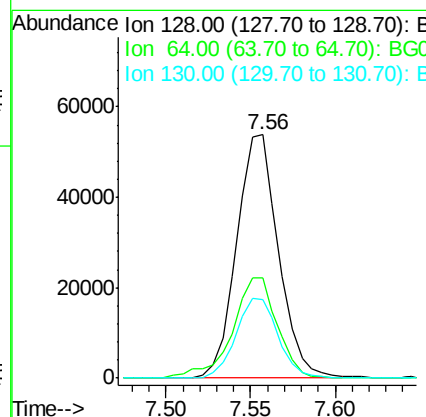
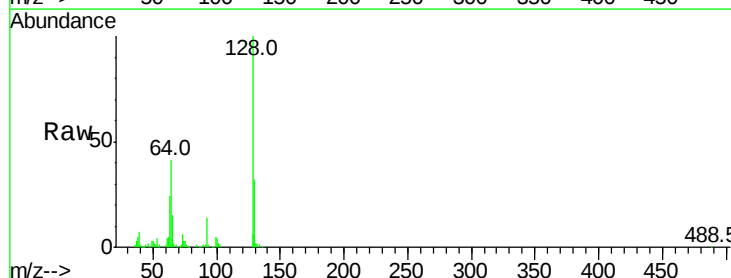
RT: 7.56 min Scan# 803

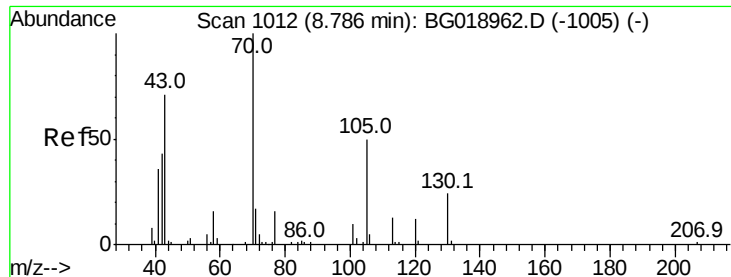
Delta R.T. 0.00 min

Lab File: BG018965.D

Acq: 30 Sep 2015 4:03

Tgt Ion:	128	Resp:	92632
Ion Ratio	Lower	Upper	
128	100		
64	41.0	40.9	61.3
130	32.1	24.5	36.7





#15

N-Nitroso-di-n-propylamine

Concen: 24.58 ng/ul

RT: 8.78 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG018965.D

Acq: 30 Sep 2015 4:03

Instrument :

BNA_G

ClientSampleId :

E43K2MS

Tot Ion: 70 Resp: 78477

Ion Ratio Lower Upper

70 100

42 44.7 50.7 76.1#

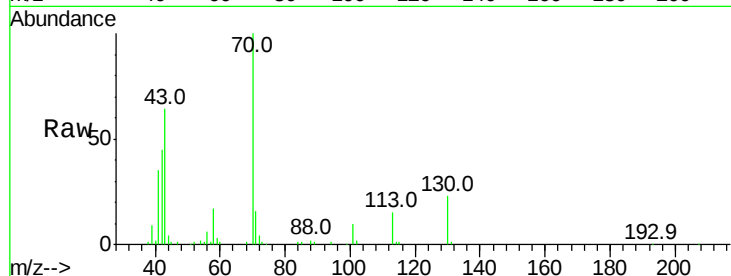
101 9.9 7.4 11.2

130 23.0 15.8 23.6

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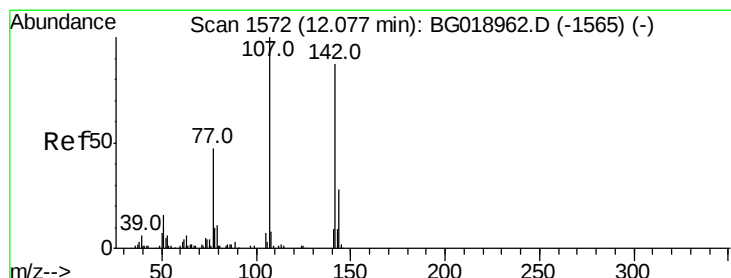
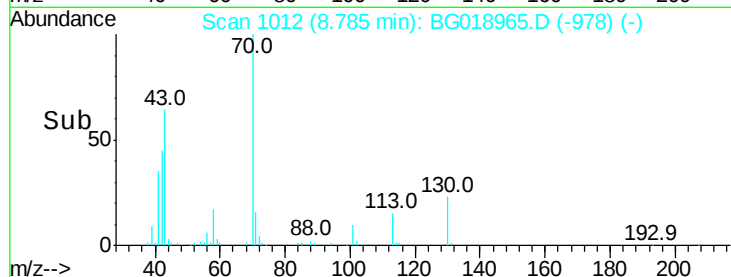
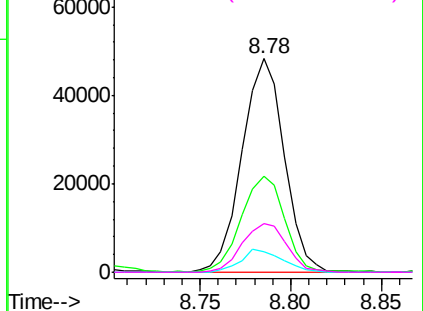


Abundance Ion 70.00 (69.70 to 70.70): BGC

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



#33

4-Chloro-3-methylphenol

Concen: 24.71 ng/ul

RT: 12.07 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BG018965.D

Acq: 30 Sep 2015 4:03

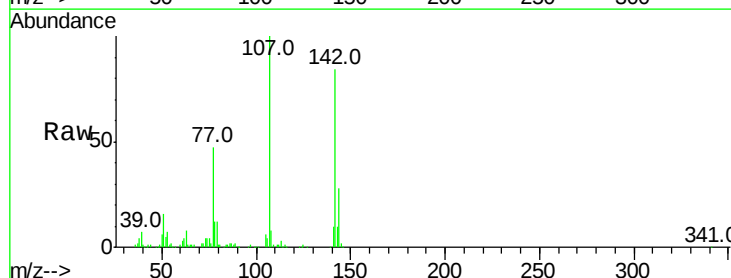
Tgt Ion: 107 Resp: 111161

Ion Ratio Lower Upper

107 100

144 27.7 21.4 32.2

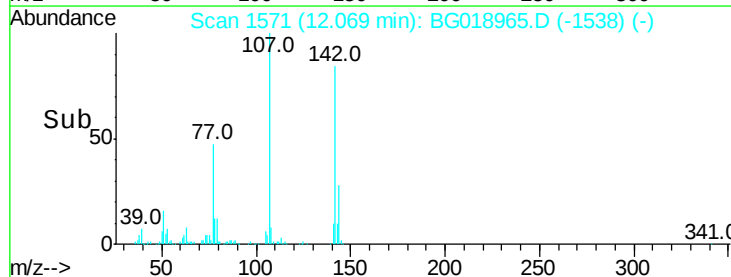
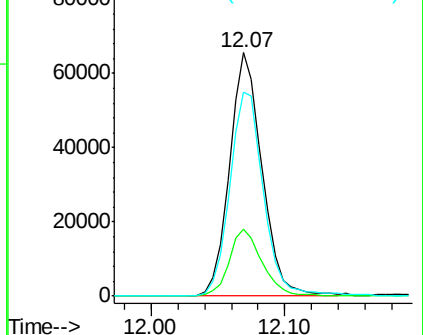
142 83.7 66.0 99.0

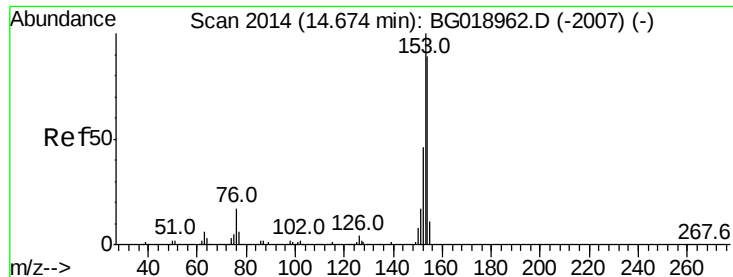


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 144.00 (143.70 to 144.70): BGC

Ion 142.00 (141.70 to 142.70): BGC





#50

Acenaphthene

Concen: 26.98 ng/ul

RT: 14.68 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BG018965.D

Acq: 30 Sep 2015 4:03

Instrument :

BNA_G

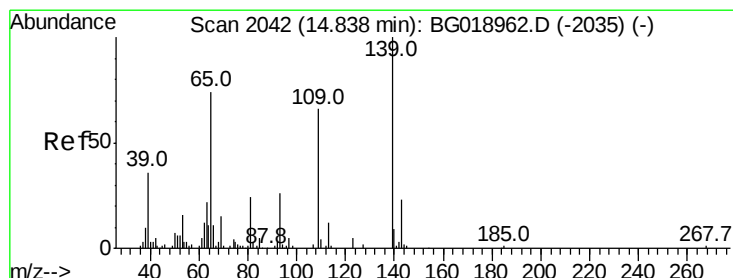
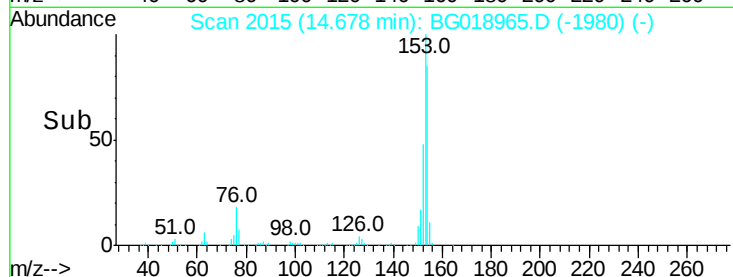
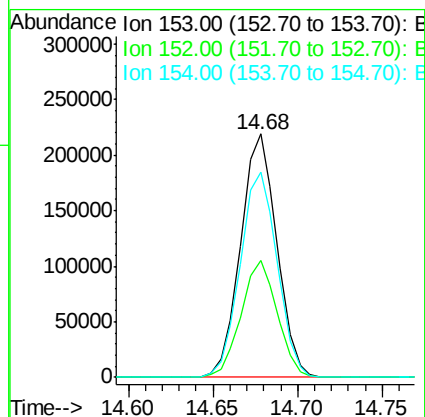
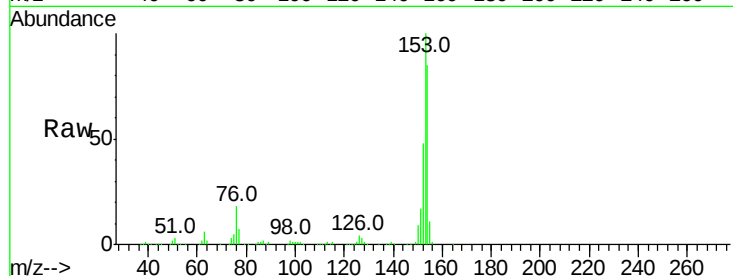
ClientSampleId :

E43K2MS

Tot Ion:	153	Resp:	327487
Ion Ratio	Lower	Upper	
153	100		
152	48.0	38.2	57.4
154	84.6	68.6	103.0

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#53

4-Nitrophenol

Concen: 6.00 ng/ul m

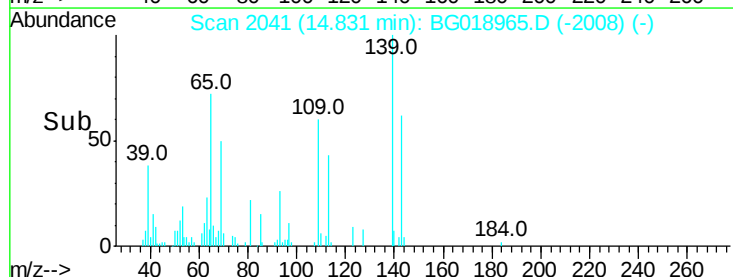
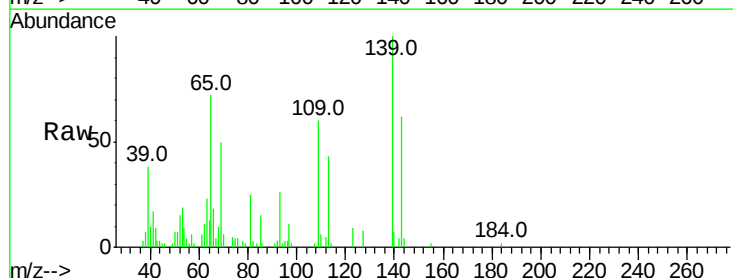
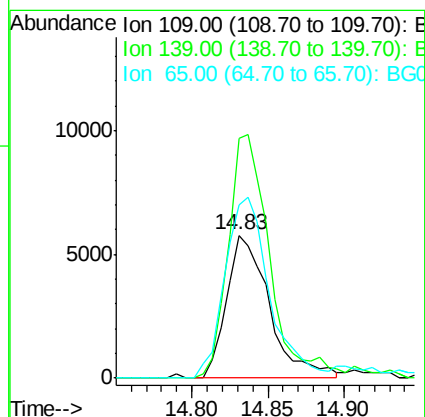
RT: 14.83 min Scan# 2041

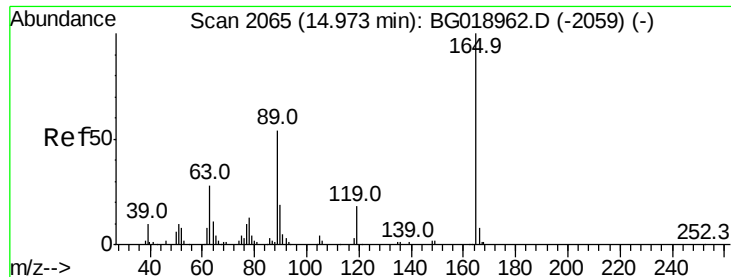
Delta R.T. -0.01 min

Lab File: BG018965.D

Acq: 30 Sep 2015 4:03

Tgt Ion:	109	Resp:	11275
Ion Ratio	Lower	Upper	
109	100		
139	168.0	111.3	166.9#
65	121.1	105.3	157.9





#55

2,4-Dinitrotoluene

Concen: 28.86 ng/ul

RT: 14.98 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BG018965.D

Acq: 30 Sep 2015 4:03

Instrument :

BNA_G

ClientSampleId :

E43K2MS

Tot Ion:165 Resp: 119677
Ion Ratio Lower Upper

165 100

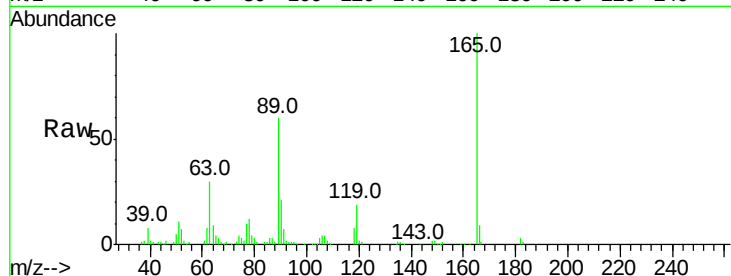
63 30.5 36.7 55.1#

182 2.7 2.2 3.2

Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E

100000

80000

60000

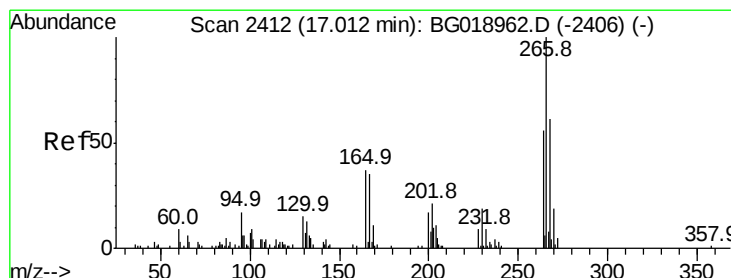
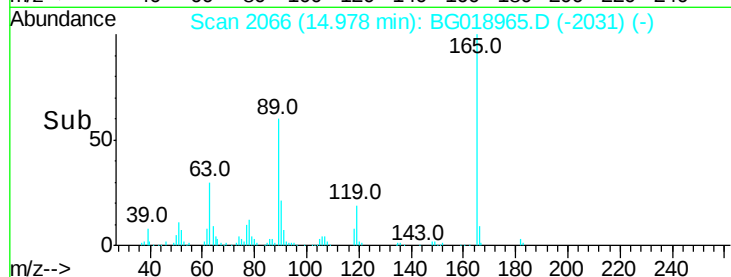
40000

20000

0

14.90 14.95 15.00 15.05

Time-->



#69

Pentachlorophenol

Concen: 21.40 ng/ul

RT: 17.01 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG018965.D

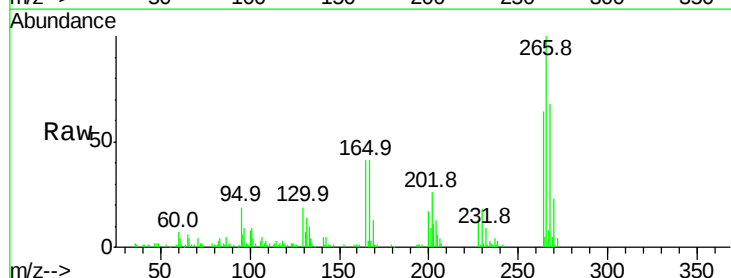
Acq: 30 Sep 2015 4:03

Tgt Ion:266 Resp: 61921
Ion Ratio Lower Upper

266 100

264 64.2 55.4 83.0

268 67.8 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

50000

40000

30000

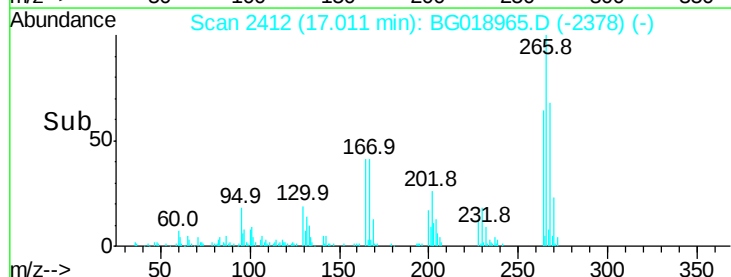
20000

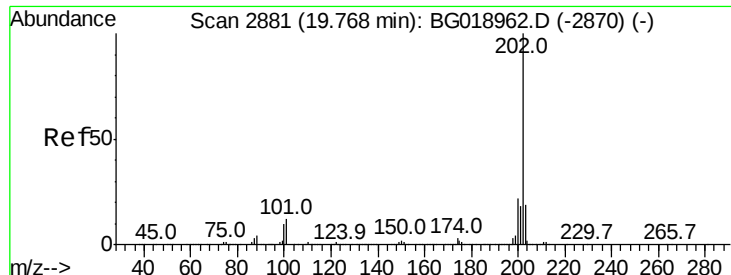
10000

0

16.95 17.00 17.05

Time-->





#80
 Pvrene
 Concen: 26.78 ng/ul
 RT: 19.77 min Scan# 2882
 Delta R.T. 0.00 min
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Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
202	100			
101	12.0	11.0	16.4	
100	10.0	9.8	14.6	

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