

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092415\
 Data File : BG018887.D
 Acq On : 25 Sep 2015 3:05
 Operator : TP
 Sample : G3802-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43H6MS

Quant Time: Sep 25 04:51:51 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 25 04:50:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	57078	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	247082	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	158916	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	390252	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	409650	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	418632	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	5595	4.71	ng/uL	0.00
5) Phenol-d5	7.16	99	129366	27.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	77193	28.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	108235	30.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	110451	29.04	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	54018	28.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	58435	31.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	113758	28.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	139446	30.24	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	366081	28.62	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	370144	24.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	57250	23.33	ng/ul	0.00
58) Fluorene-d10	15.61	176	236451	21.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	26638	14.42	ng/ul	0.00
71) Anthracene-d10	17.46	188	338379	19.70	ng/ul	0.00
79) Pyrene-d10	19.75	212	315721	16.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.59	264	293477	14.40	ng/ul	-0.01

Target Compounds

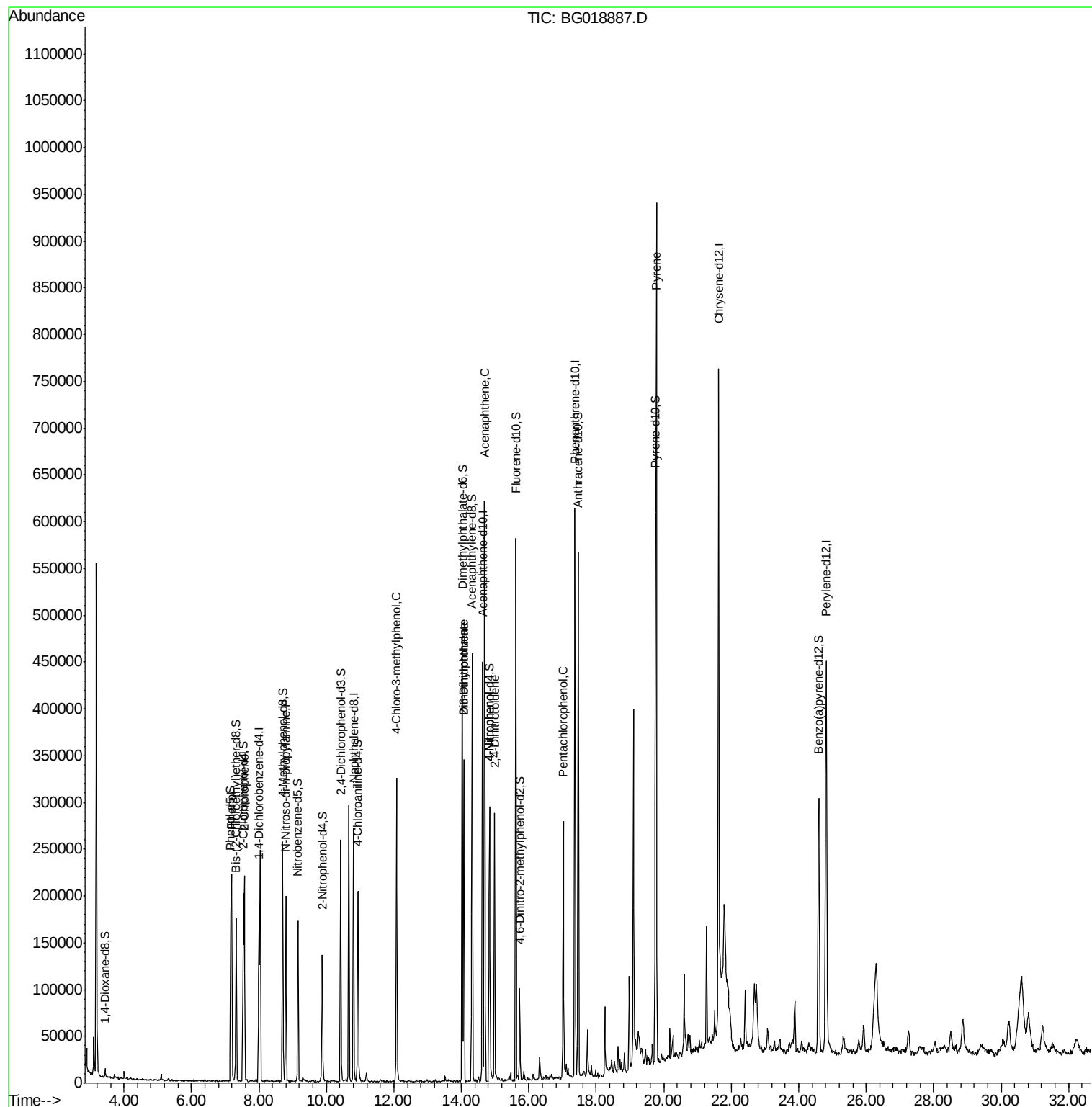
						Ovalue
6) Phenol	7.19	94	135763	28.00	ng/ul	94
10) 2-Chlorophenol	7.56	128	111258	30.28	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.80	70	83346	27.89	ng/ul#	82
33) 4-Chloro-3-methylphenol	12.08	107	126189	29.84	ng/ul	99
45) Dimethylphthalate	14.07	163	245146	19.77	ng/ul	98
46) 2,6-Dinitrotoluene	14.07	165	2769	1.11	ng/ul#	54
50) Acenaphthene	14.69	153	278721	25.66	ng/ul	98
53) 4-Nitrophenol	14.84	109	41627	24.74	ng/ul	89
55) 2,4-Dinitrotoluene	14.98	165	102855	27.71	ng/ul#	81
69) Pentachlorophenol	17.02	266	53878	21.80	ng/ul	96
80) Pyrene	19.78	202	552670	22.94	ng/ul	97

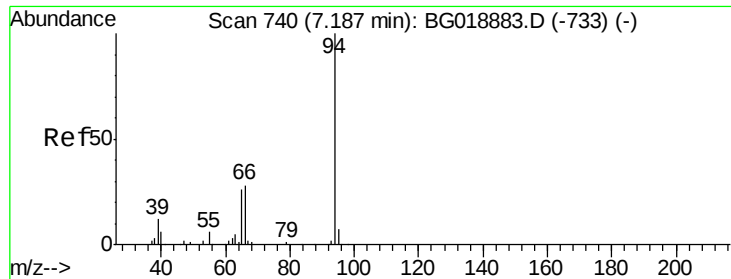
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 25 04:50:00 2015
Response via : Initial Calibration





#6

Phenol

Concen: 28.00 ng/ul

RT: 7.19 min Scan# 740

Delta R.T. 0.00 min

Lab File: BG018887.D

Acq: 25 Sep 2015 3:05

Instrument :

BNA_G

ClientSampleId :

E43H6MS

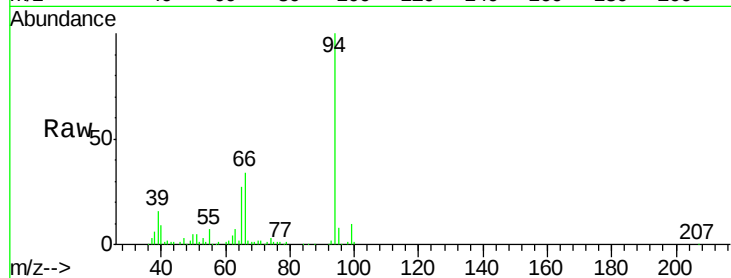
Tot Ion: 94 Resp: 135763

Ion Ratio Lower Upper

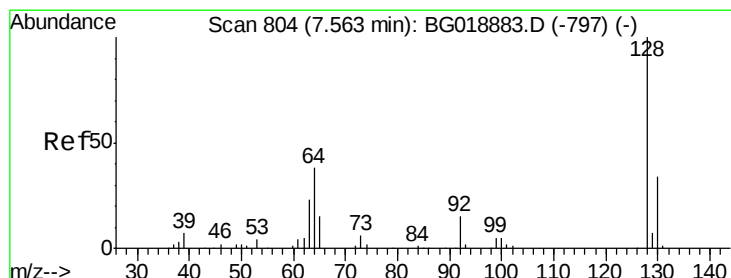
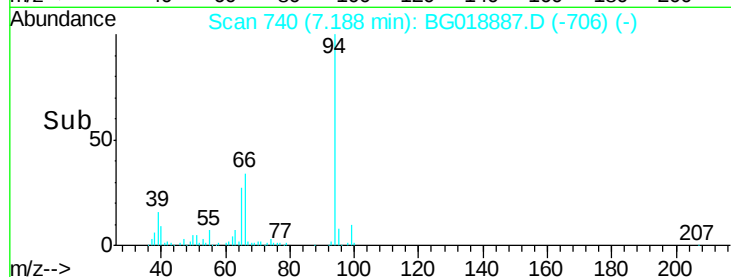
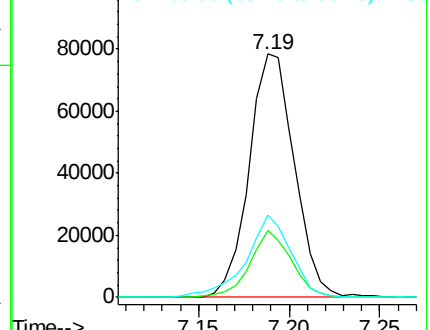
94 100

65 27.3 23.0 34.6

66 34.1 31.0 46.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 30.28 ng/ul

RT: 7.56 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG018887.D

Acq: 25 Sep 2015 3:05

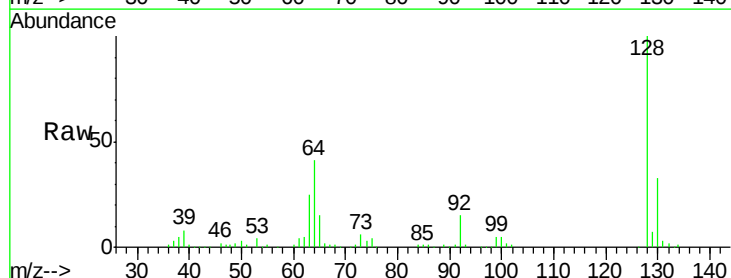
Tgt Ion: 128 Resp: 111258

Ion Ratio Lower Upper

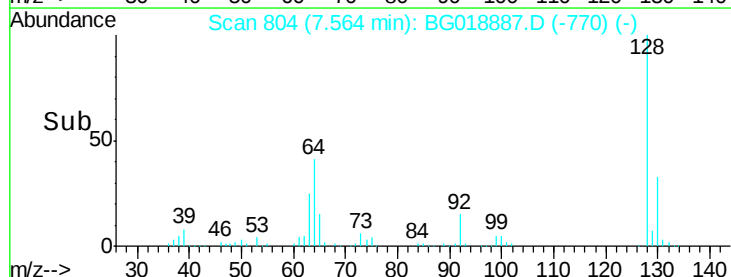
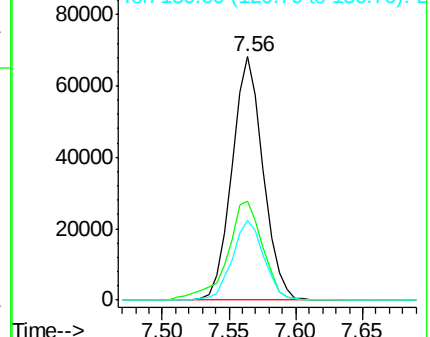
128 100

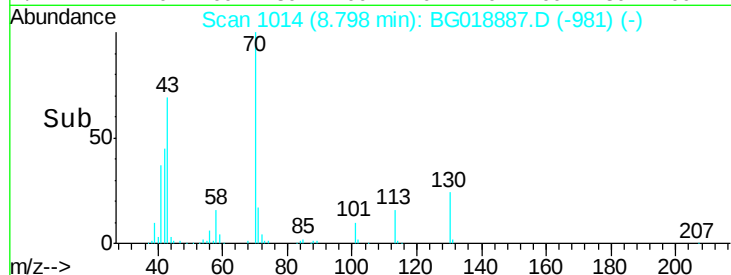
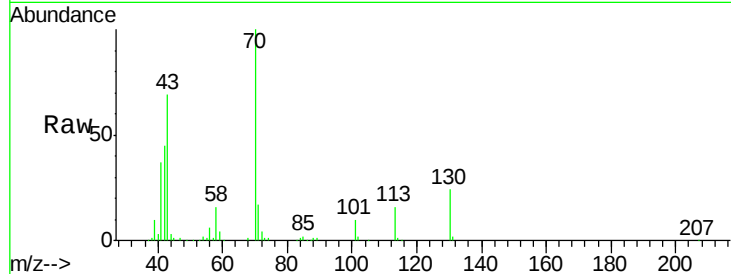
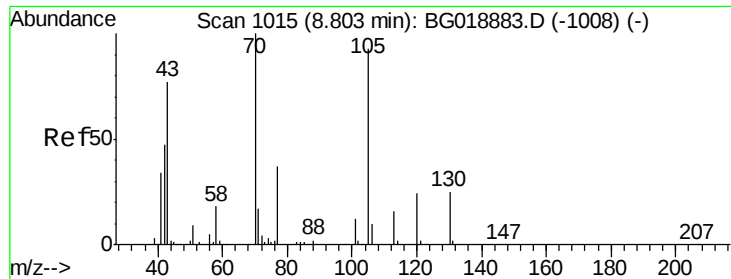
64 40.7 40.9 61.3#

130 32.6 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

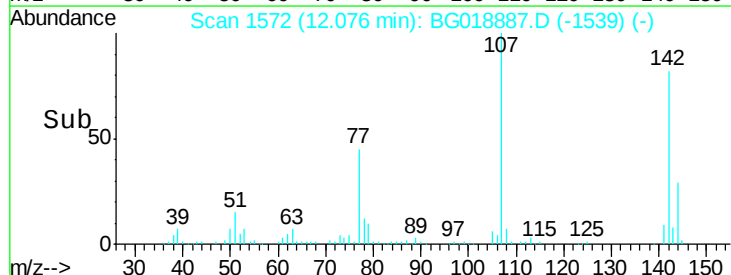
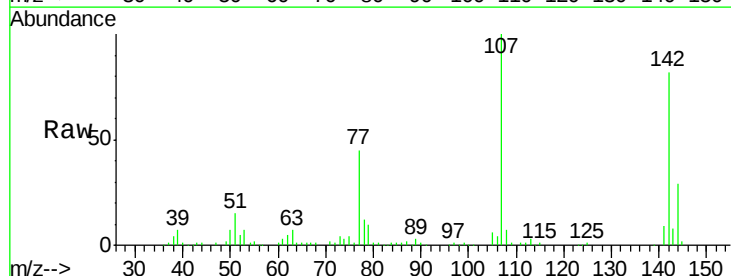
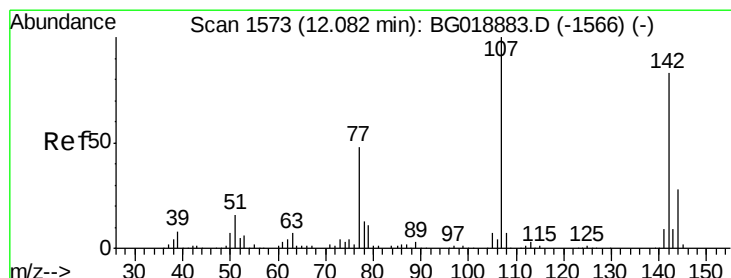
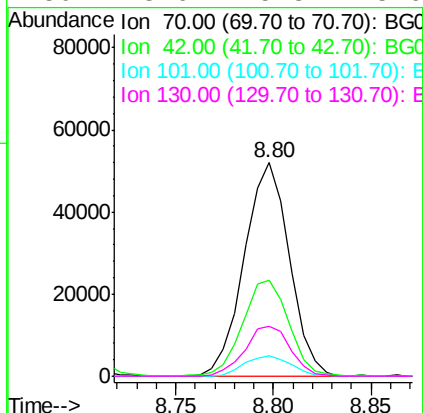




#15
N-Nitroso-di-n-propylamine
Concen: 27.89 ng/ul
RT: 8.80 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG018887.D
Acq: 25 Sep 2015 3:05

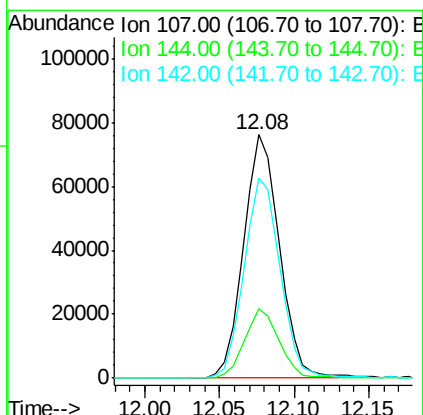
Instrument :
BNA_G
ClientSampleId :
E43H6MS

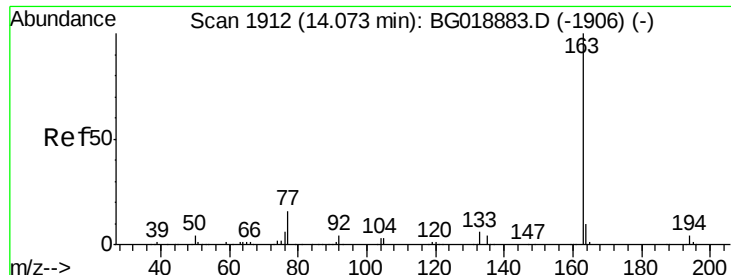
Tot Ion: 70 Resp: 83346
Ion Ratio Lower Upper
70 100
42 45.0 50.7 76.1#
101 9.7 7.4 11.2
130 23.6 15.8 23.6



#33
4-Chloro-3-methylphenol
Concen: 29.84 ng/ul
RT: 12.08 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BG018887.D
Acq: 25 Sep 2015 3:05

Tgt Ion:107 Resp: 126189
Ion Ratio Lower Upper
107 100
144 28.5 21.4 32.2
142 82.3 66.0 99.0

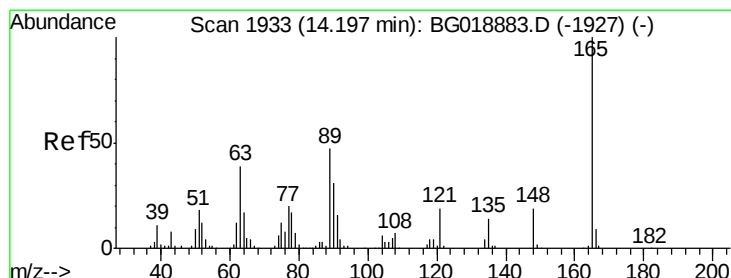
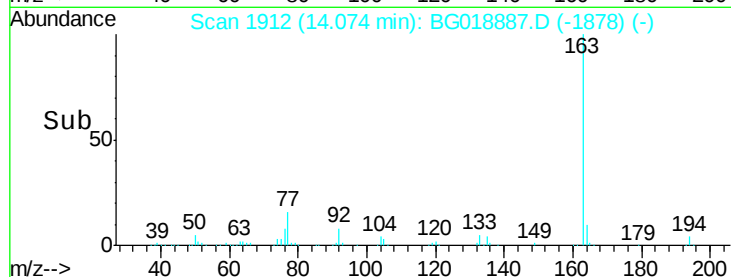
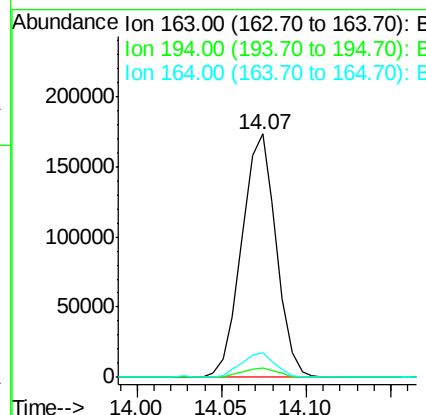
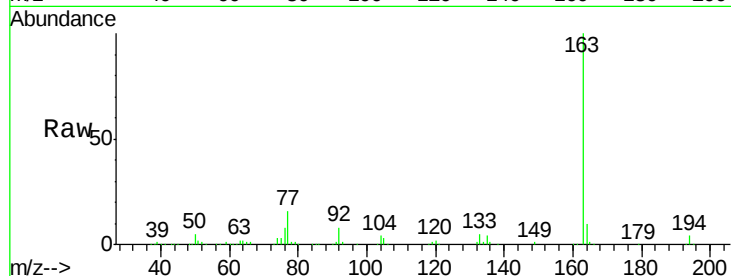




#45
Dimethylphthalate
Concen: 19.77 ng/ul
RT: 14.07 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG018887.D
Acq: 25 Sep 2015 3:05

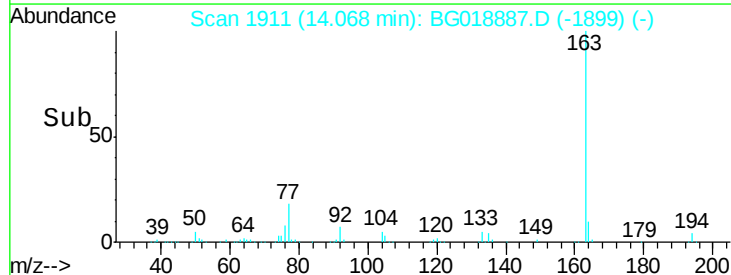
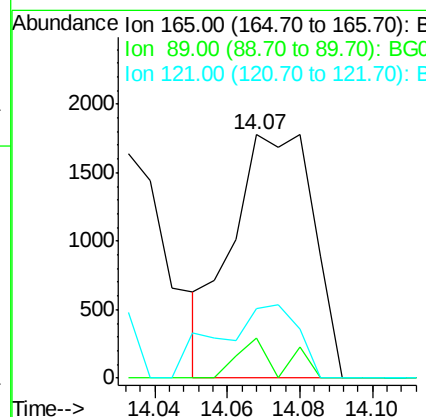
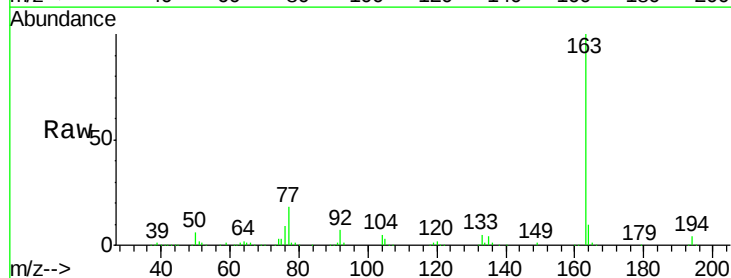
Instrument :
BNA_G
ClientSampleId :
E43H6MS

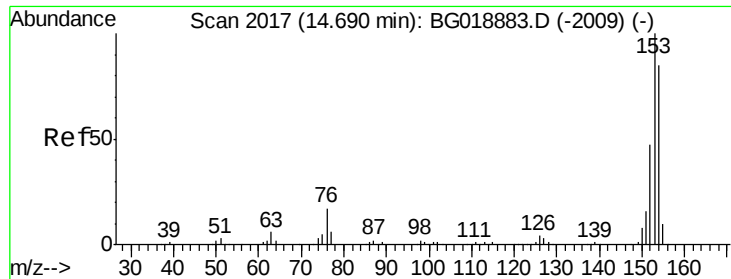
Tot Ion:163 Resp: 245146
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.3 7.7 11.5



#46
2,6-Dinitrotoluene
Concen: 1.11 ng/ul
RT: 14.07 min Scan# 1911
Delta R.T. -0.13 min
Lab File: BG018887.D
Acq: 25 Sep 2015 3:05

Tgt Ion:165 Resp: 2769
Ion Ratio Lower Upper
165 100
89 16.3 50.2 75.2#
121 28.4 19.4 29.2





#50

Acenaphthene

Concen: 25.66 ng/ul

RT: 14.69 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BG018887.D

Acq: 25 Sep 2015 3:05

Instrument :

BNA_G

ClientSampleId :

E43H6MS

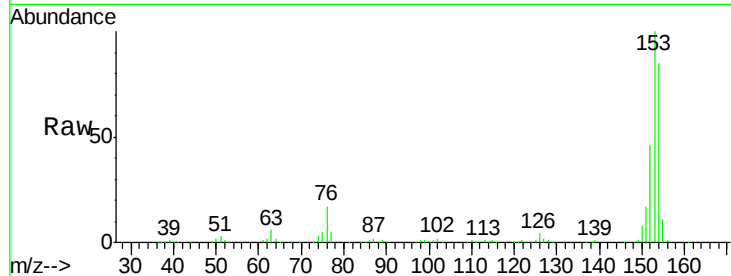
Tot Ion:153 Resp: 278721

Ion Ratio Lower Upper

153 100

152 46.0 38.2 57.4

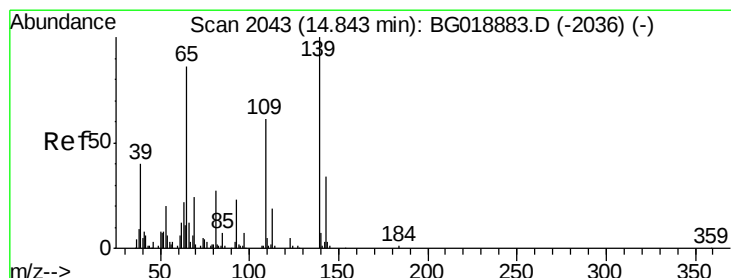
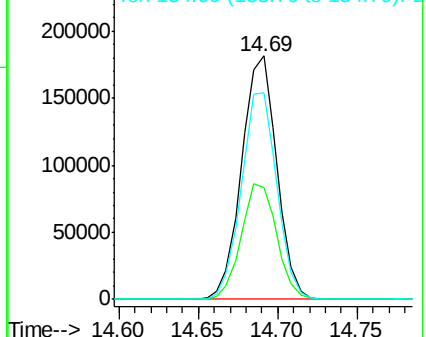
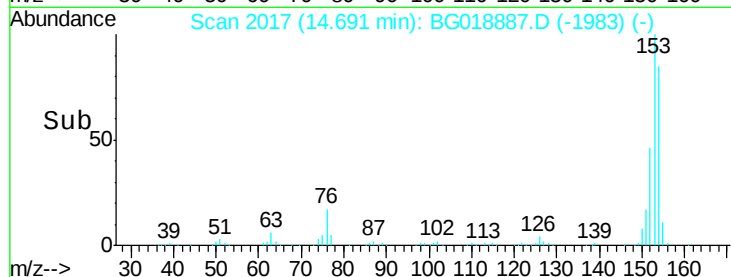
154 85.0 68.6 103.0



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: 24.74 ng/ul

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG018887.D

Acq: 25 Sep 2015 3:05

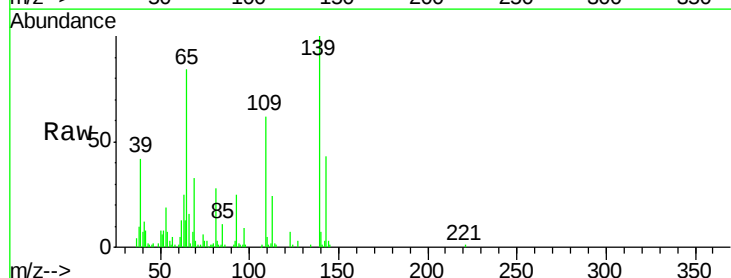
Tgt Ion:109 Resp: 41627

Ion Ratio Lower Upper

109 100

139 161.1 111.3 166.9

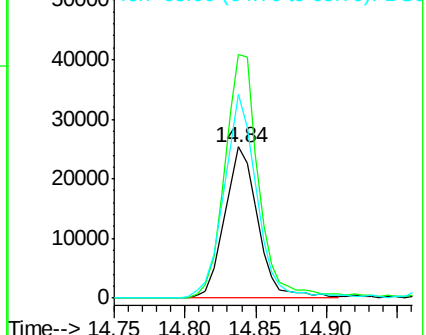
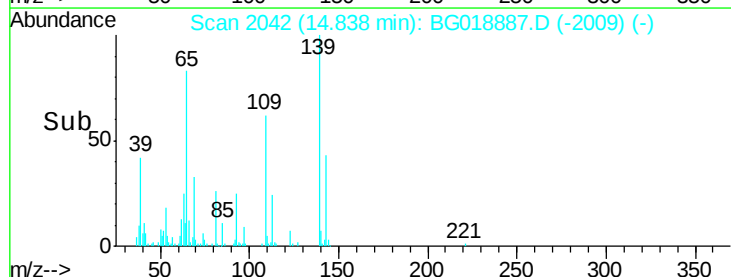
65 134.7 105.3 157.9

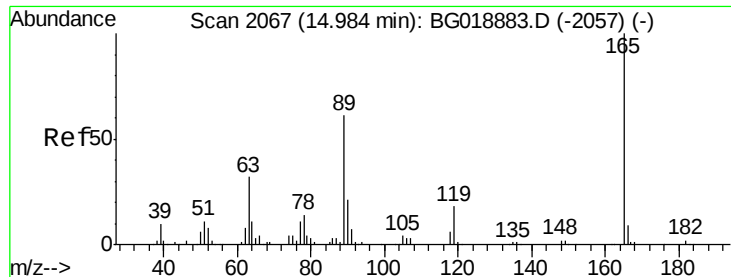


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGO

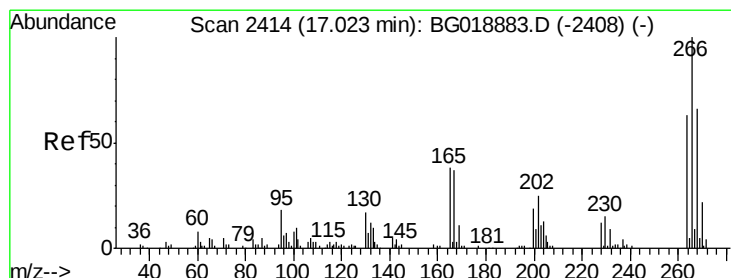
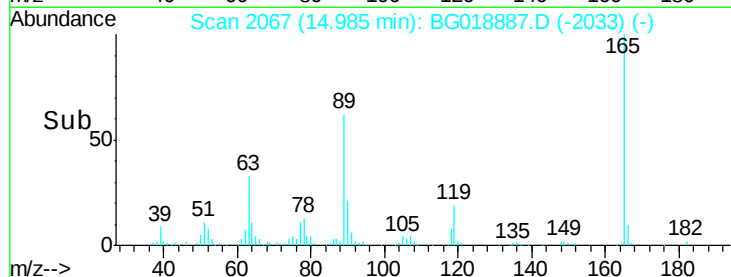
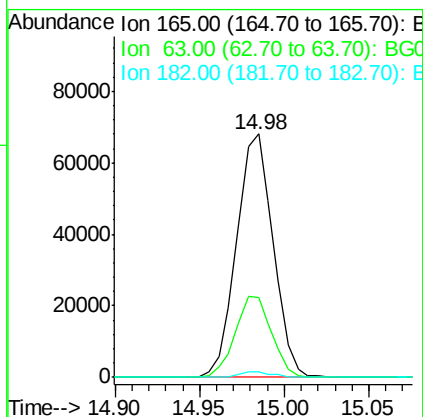
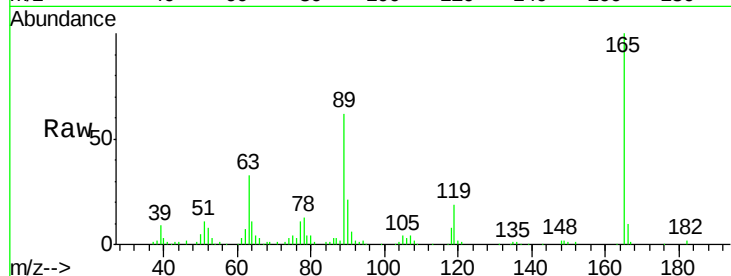




#55
 2,4-Dinitrotoluene
 Concen: 27.71 ng/ul
 RT: 14.98 min Scan# 2067
 Delta R.T. 0.00 min
 Lab File: BG018887.D
 Acq: 25 Sep 2015 3:05

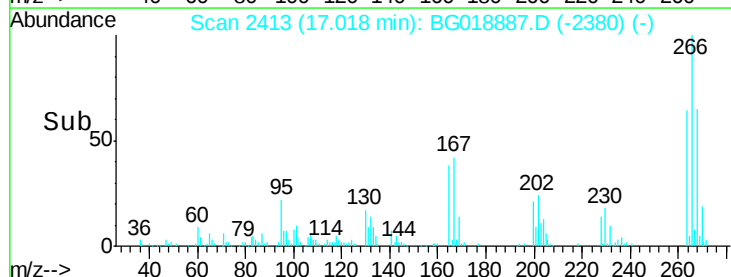
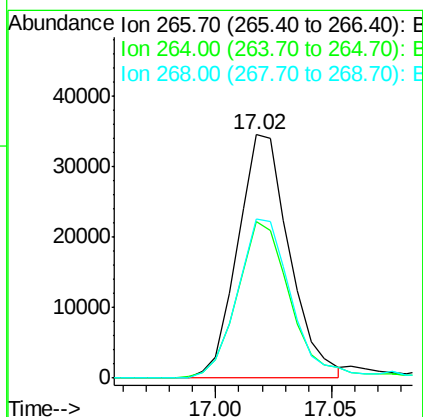
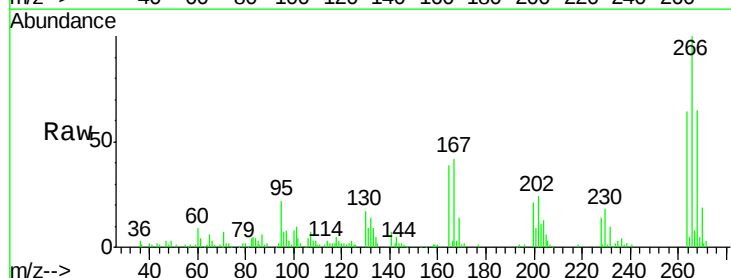
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 BNA_G
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 E43H6MS

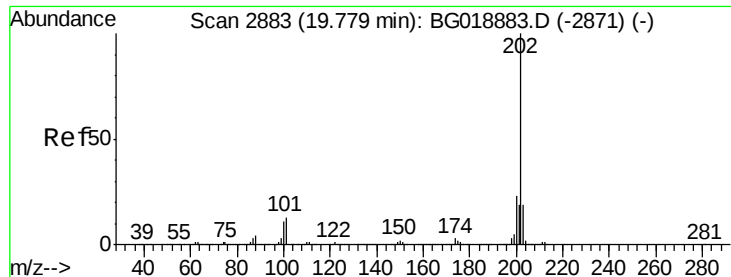
Tot Ion	Ratio	Lower	Upper
165	100		
63	32.6	36.7	55.1#
182	2.4	2.2	3.2



#69
 Pentachlorophenol
 Concen: 21.80 ng/ul
 RT: 17.02 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG018887.D
 Acq: 25 Sep 2015 3:05

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.5	55.4	83.0
268	65.4	53.6	80.4





#80

Pvrene

Concen: 22.94 ng/ul

RT: 19.78 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG018887.D

Acq: 25 Sep 2015 3:05

Instrument :

BNA_G

ClientSampleId :

E43H6MS

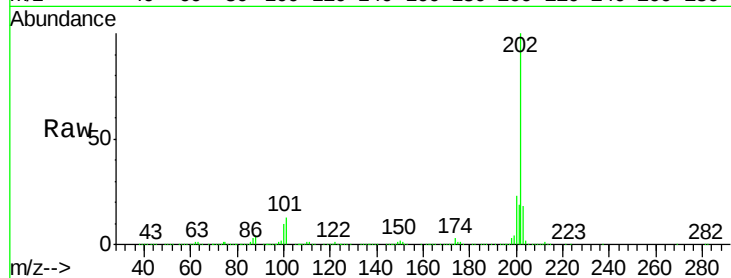
Tot Ion:202 Resp: 552670

Ion Ratio Lower Upper

202 100

101 13.0 11.0 16.4

100 10.3 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

