

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102015\
 Data File : BG019273.D
 Acq On : 21 Oct 2015 1:12
 Operator : UM/NP
 Sample : G4074-22MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 21 02:51:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	17400	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	78972	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	57802	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	130375	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	141435	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	139892	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	1262	4.04	ng/uL	0.00
5) Phenol-d5	7.17	99	38396	25.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	24572	25.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	31435	28.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	34188	26.57	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	16961	27.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	20411	31.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	39601	30.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	37217	22.60	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	145065	28.70	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	163491	29.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	21562	23.73	ng/ul	0.00
58) Fluorene-d10	15.62	176	127072	29.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	22749	28.28	ng/ul	0.00
71) Anthracene-d10	17.47	188	189475	30.76	ng/ul	0.00
79) Pyrene-d10	19.76	212	212444	33.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	225430	31.90	ng/ul	0.01

Target Compounds

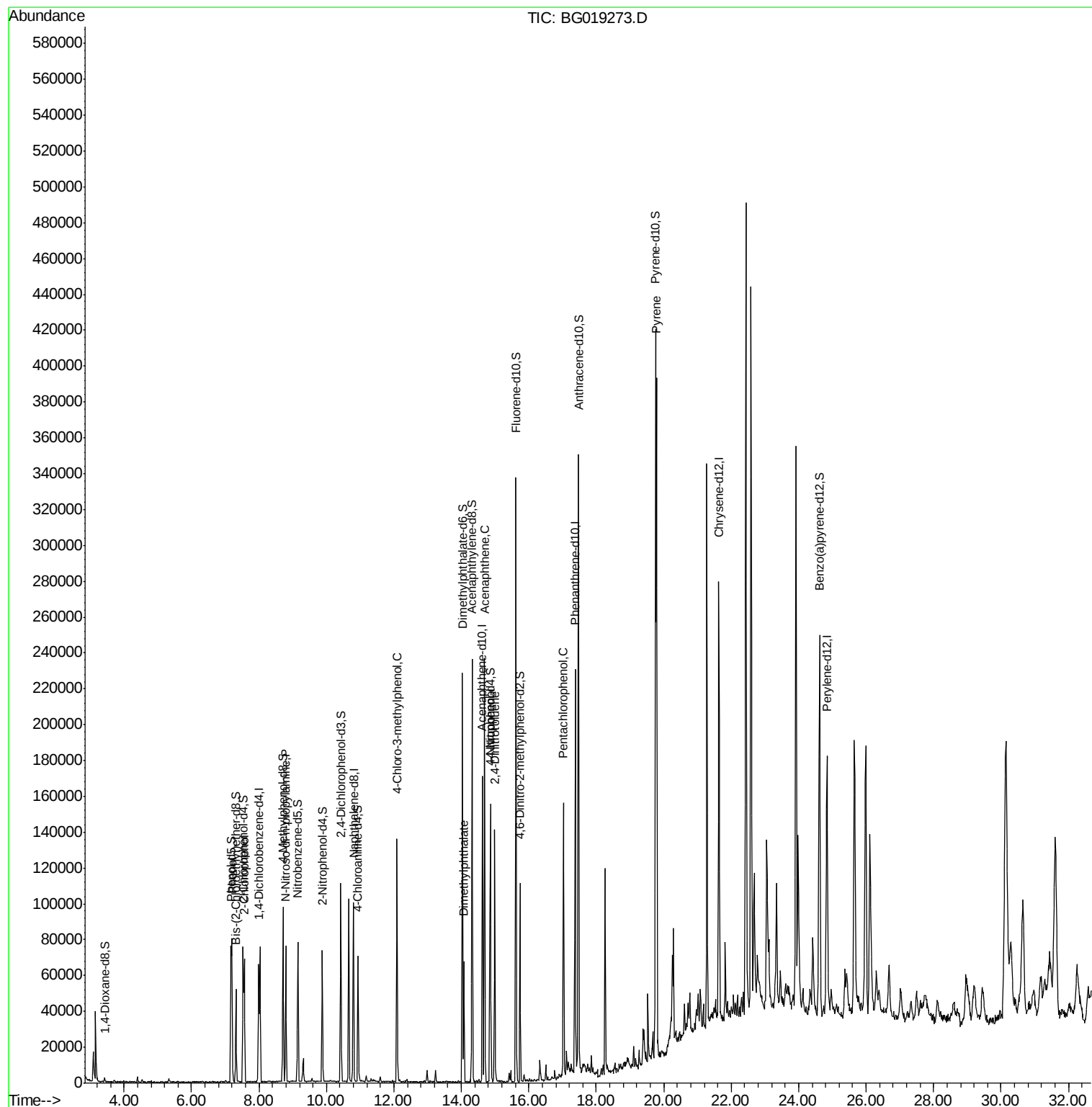
						Ovalue
6) Phenol	7.20	94	35087	22.19	ng/ul#	78
10) 2-Chlorophenol	7.56	128	27425	24.13	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.80	70	25294	22.79	ng/ul	97
33) 4-Chloro-3-methylphenol	12.09	107	46174	28.38	ng/ul	89
45) Dimethylphthalate	14.08	163	41149	8.08	ng/ul	99
50) Acenaphthene	14.69	153	98486	24.40	ng/ul	97
53) 4-Nitrophenol	14.87	109	23266	23.42	ng/ul#	72
55) 2,4-Dinitrotoluene	14.99	165	36296	23.03	ng/ul	97
69) Pentachlorophenol	17.03	266	25411	28.95	ng/ul	91
80) Pyrene	19.79	202	223708	26.65	ng/ul#	88

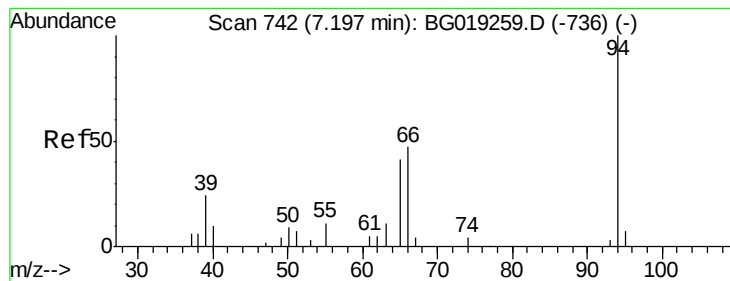
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102015\
Data File : BG019273.D
Acq On : 21 Oct 2015 1:12
Operator : UM/NP
Sample : G4074-22MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 21 02:51:56 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration





#6

Phenol

Concen: 22.19 ng/ul

RT: 7.20 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG019273.D

Acq: 21 Oct 2015 1:12

Instrument :

BNA_G

ClientSampled :

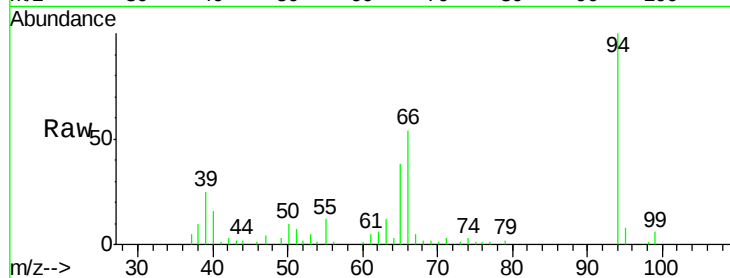
Tot Ion: 94 Resp: 35087

Ion Ratio Lower Upper

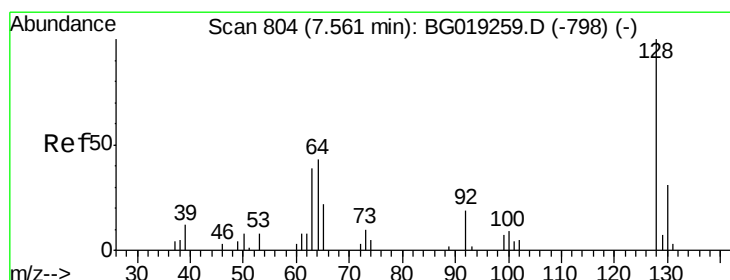
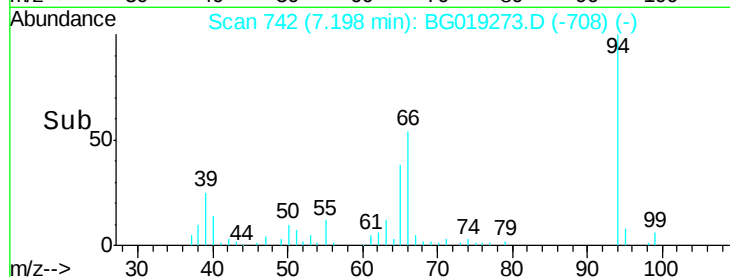
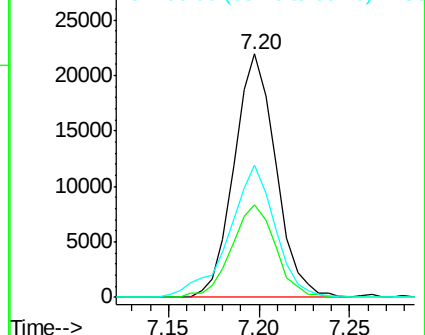
94 100

65 38.2 24.9 37.3#

66 54.4 29.1 43.7#



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: 24.13 ng/ul

RT: 7.56 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG019273.D

Acq: 21 Oct 2015 1:12

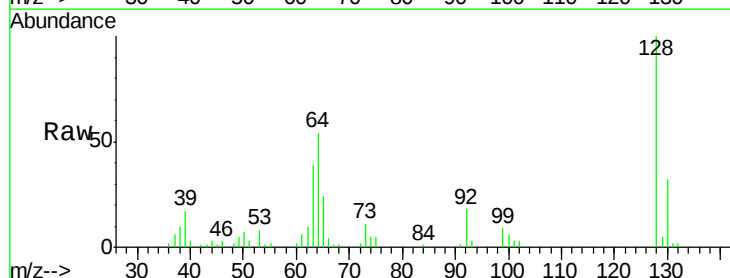
Tgt Ion:128 Resp: 27425

Ion Ratio Lower Upper

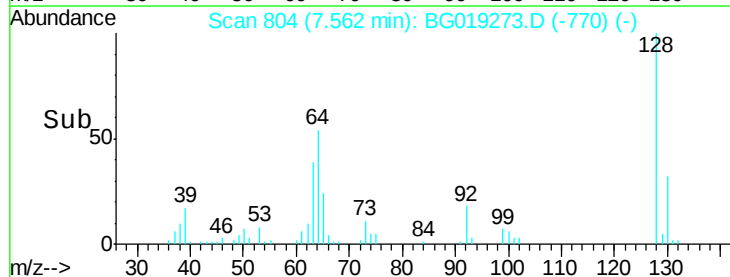
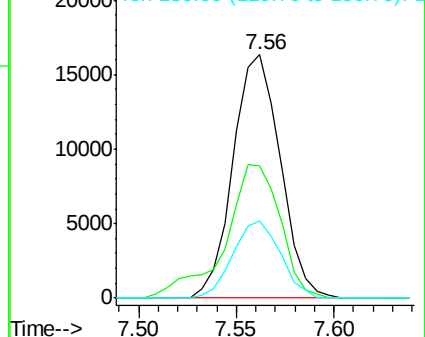
128 100

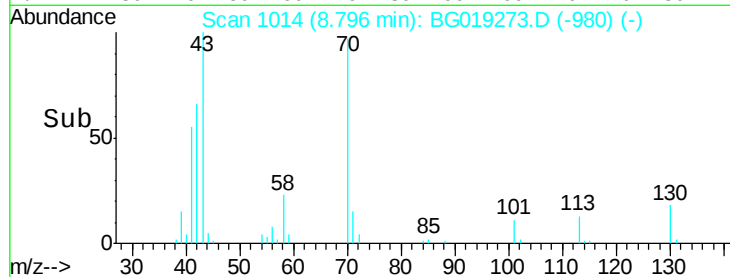
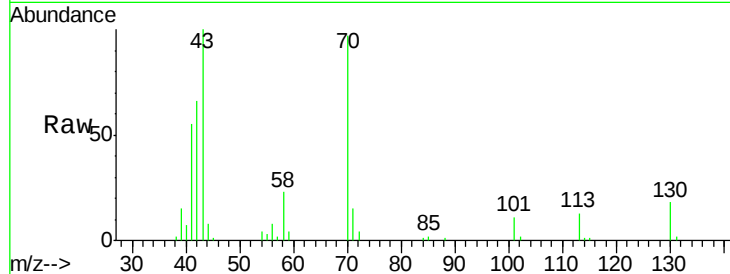
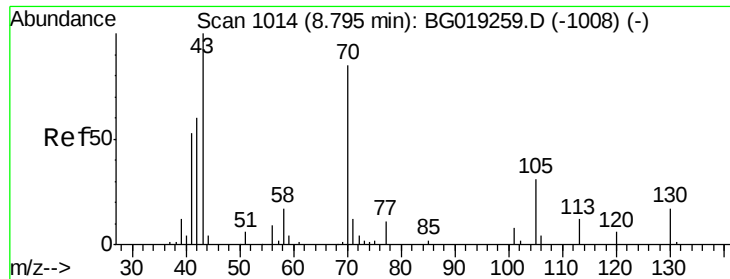
64 54.4 43.3 64.9

130 31.7 26.5 39.7



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: 22.79 ng/ul

RT: 8.80 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BG019273.D

Acq: 21 Oct 2015 1:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 25294

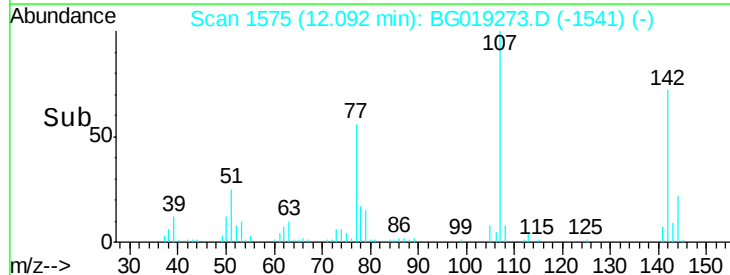
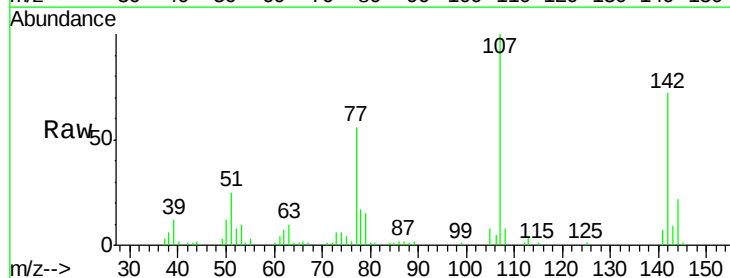
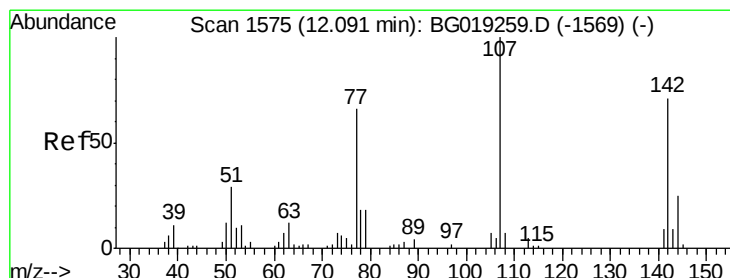
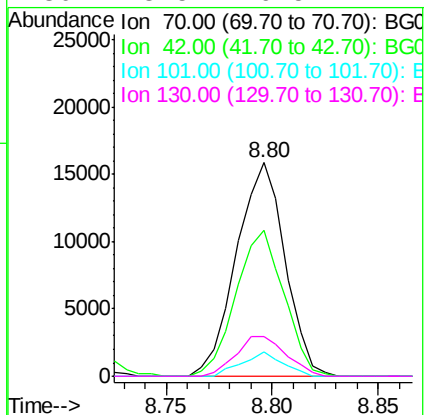
Ion Ratio Lower Upper

70 100

42 68.6 53.6 80.4

101 11.7 7.9 11.9

130 18.5 16.5 24.7



#33

4-Chloro-3-methylphenol

Concen: 28.38 ng/ul

RT: 12.09 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BG019273.D

Acq: 21 Oct 2015 1:12

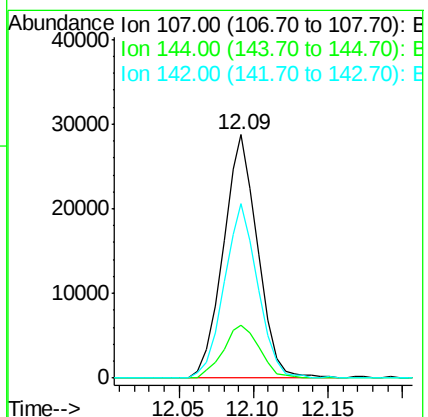
Tgt Ion: 107 Resp: 46174

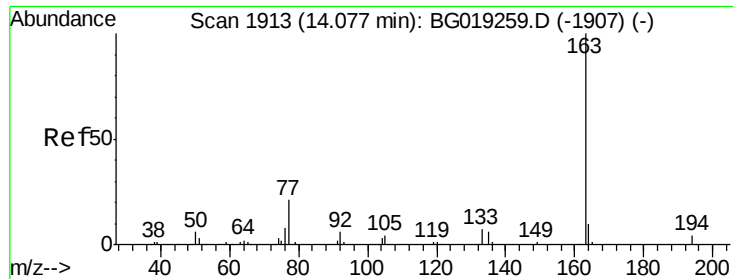
Ion Ratio Lower Upper

107 100

144 21.9 20.9 31.3

142 71.7 65.6 98.4





#45

Dimethylphthalate

Concen: 8.08 ng/ul

RT: 14.08 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BG019273.D

Acq: 21 Oct 2015 1:12

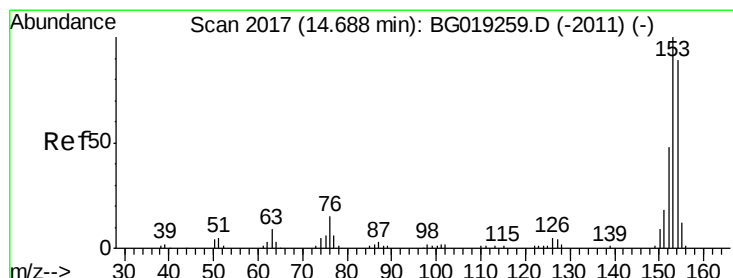
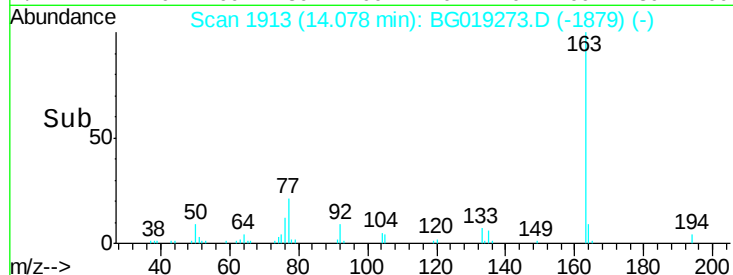
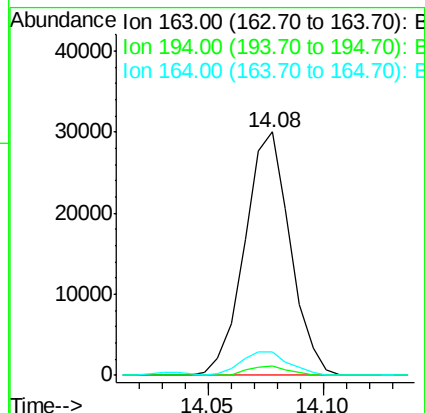
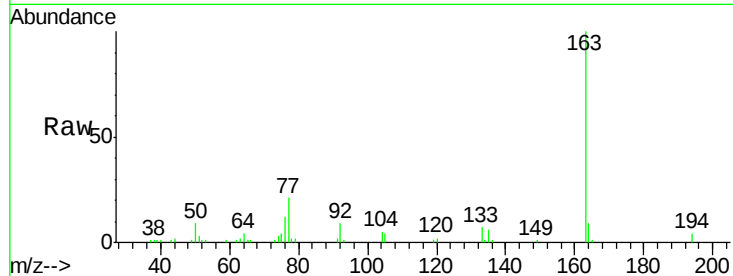
Instrument :

BNA_G

ClientSampleId :

Tot Ion:163 Resp: 41149

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.4	8.1	12.1



#50

Acenaphthene

Concen: 24.40 ng/ul

RT: 14.69 min Scan# 2017

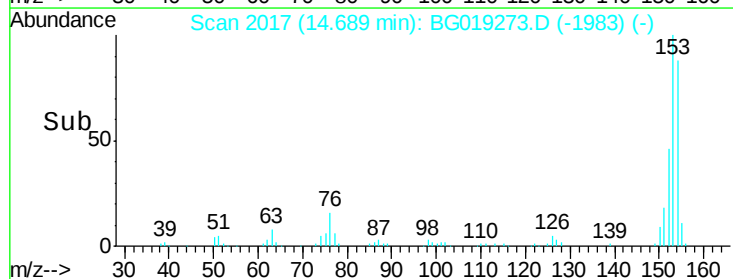
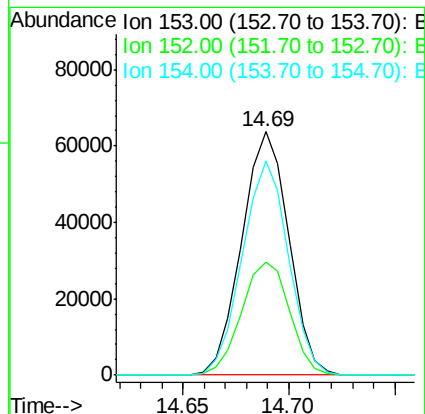
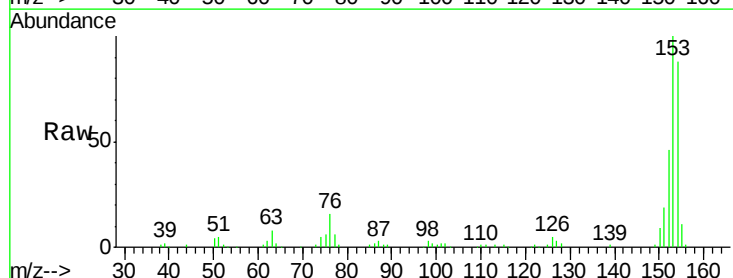
Delta R.T. 0.00 min

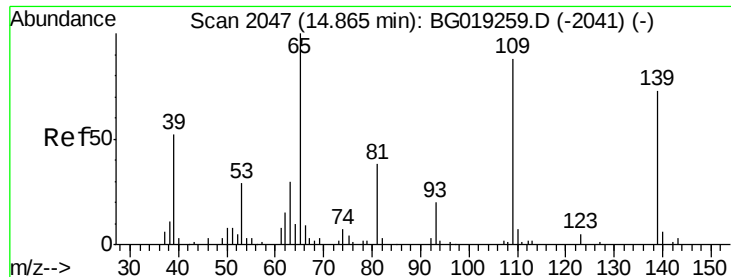
Lab File: BG019273.D

Acq: 21 Oct 2015 1:12

Tgt Ion:153 Resp: 98486

Ion	Ratio	Lower	Upper
153	100		
152	46.4	36.2	54.2
154	88.2	67.5	101.3





#53

4-Nitrophenol

Concen: 23.42 ng/ul

RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG019273.D

Acq: 21 Oct 2015 1:12

Instrument :

BNA_G

ClientSampled :

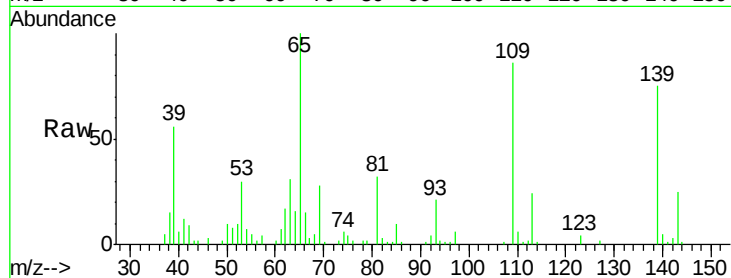
Tot Ion:109 Resp: 23266

Ion Ratio Lower Upper

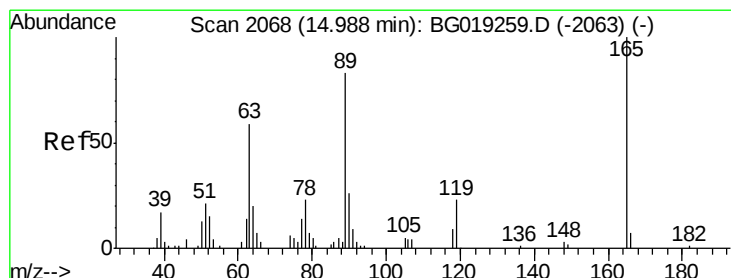
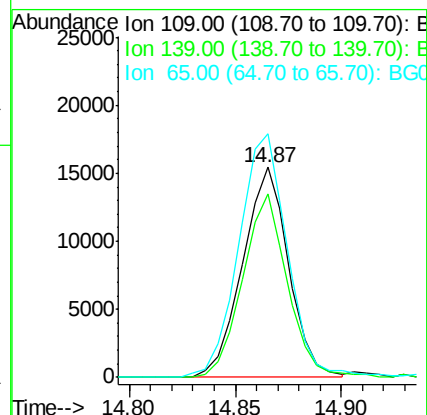
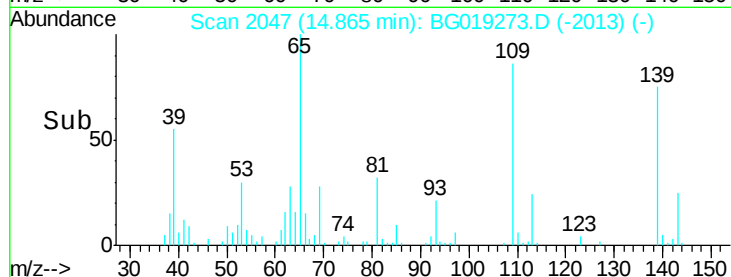
109 100

139 87.3 97.9 146.9#

65 115.9 117.4 176.0#



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: 23.03 ng/ul

RT: 14.99 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG019273.D

Acq: 21 Oct 2015 1:12

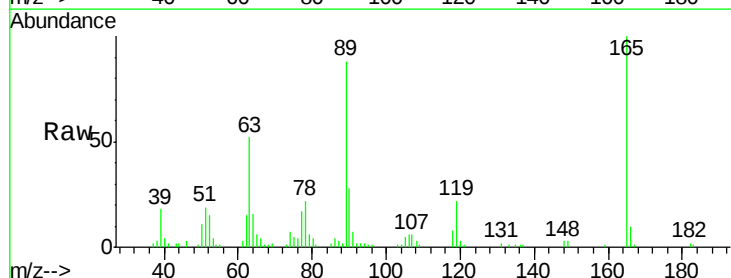
Tgt Ion:165 Resp: 36296

Ion Ratio Lower Upper

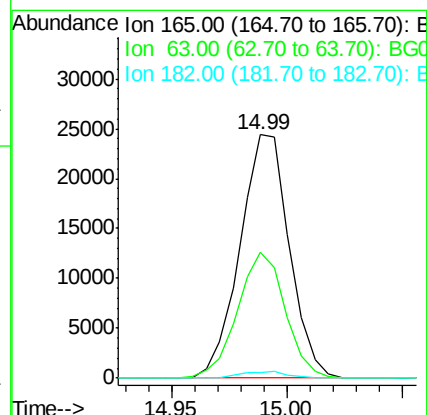
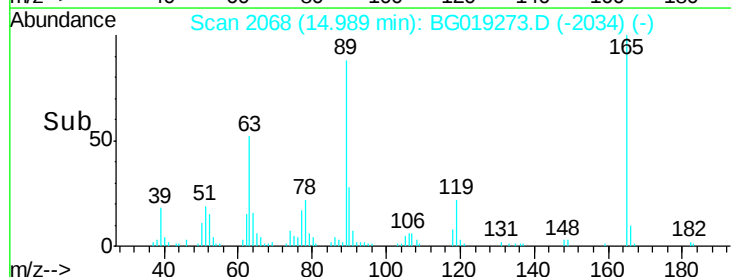
165 100

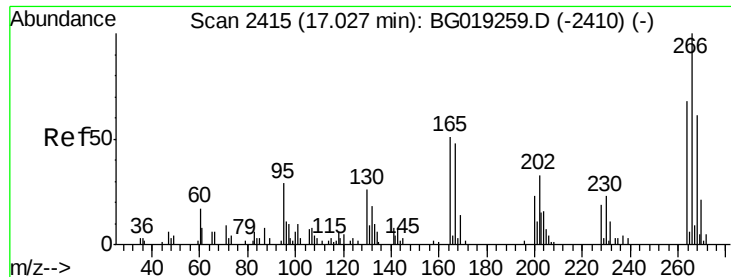
63 51.8 39.5 59.3

182 2.4 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

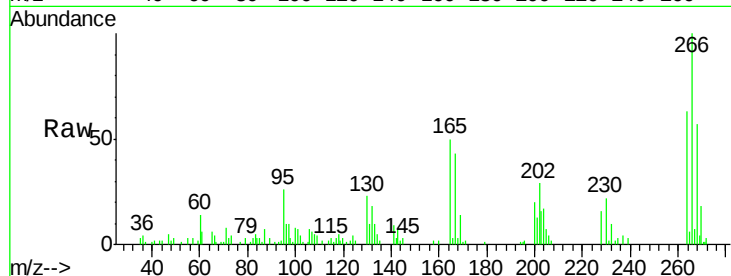




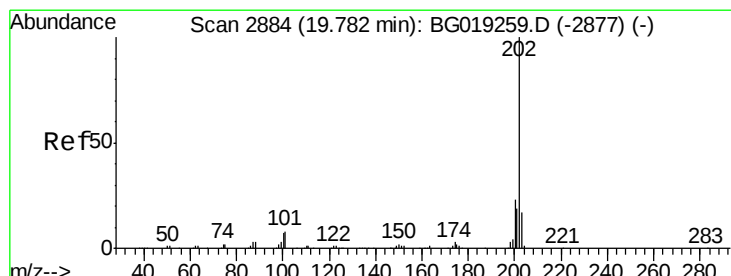
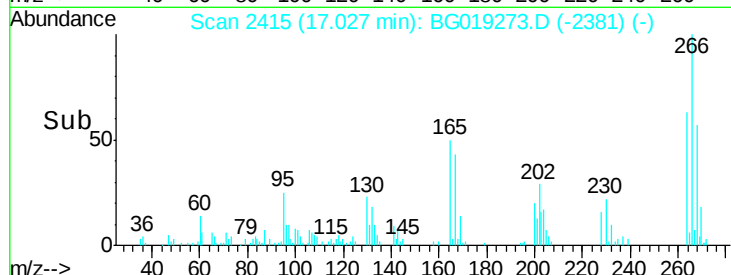
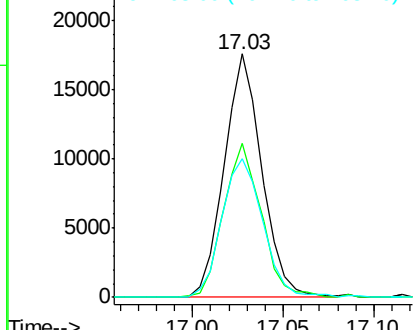
#69
 Pentachlorophenol
 Concen: 28.95 ng/ul
 RT: 17.03 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BG019273.D
 Acq: 21 Oct 2015 1:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 25411
 Ion Ratio Lower Upper
 266 100
 264 63.4 49.0 73.6
 268 57.2 55.6 83.4

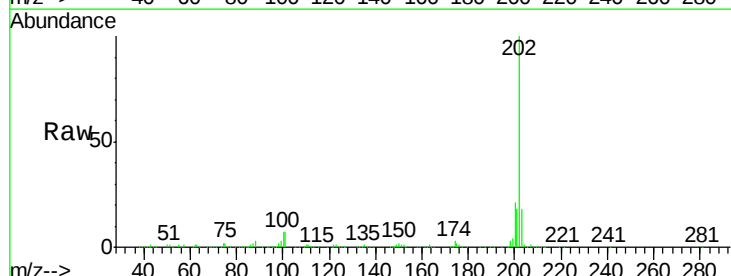


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 26.65 ng/ul
 RT: 19.79 min Scan# 2885
 Delta R.T. 0.01 min
 Lab File: BG019273.D
 Acq: 21 Oct 2015 1:12

Tgt Ion:202 Resp: 223708
 Ion Ratio Lower Upper
 202 100
 101 7.1 10.2 15.2#
 100 7.1 8.5 12.7#



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

