

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101515\
 Data File : BG019217.D
 Acq On : 15 Oct 2015 22:23
 Operator : UM/NP
 Sample : G3966-22MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ5MS

Quant Time: Oct 16 04:09:44 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 16 04:07:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	16519	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	79773	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	64135	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	135146	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	158564	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	159581	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2858	9.64	ng/uL	0.00
5) Phenol-d5	7.19	99	9750	6.76	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.33	67	24578	26.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	26706	25.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	19165	15.69	ng/ul	0.02
19) Nitrobenzene-d5	9.17	128	16748	27.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	19450	29.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	36804	28.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	2706	1.63	ng/ul	0.01
44) Dimethylphthalate-d6	14.05	166	134996	24.07	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	149217	24.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.81	143	328	0.33	ng/ul	-0.03
58) Fluorene-d10	15.63	176	116780	24.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	25839	30.99	ng/ul	0.00
71) Anthracene-d10	17.48	188	179610	28.13	ng/ul	0.00
79) Pyrene-d10	19.77	212	207608	28.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	229893	28.52	ng/ul	0.00

Target Compounds

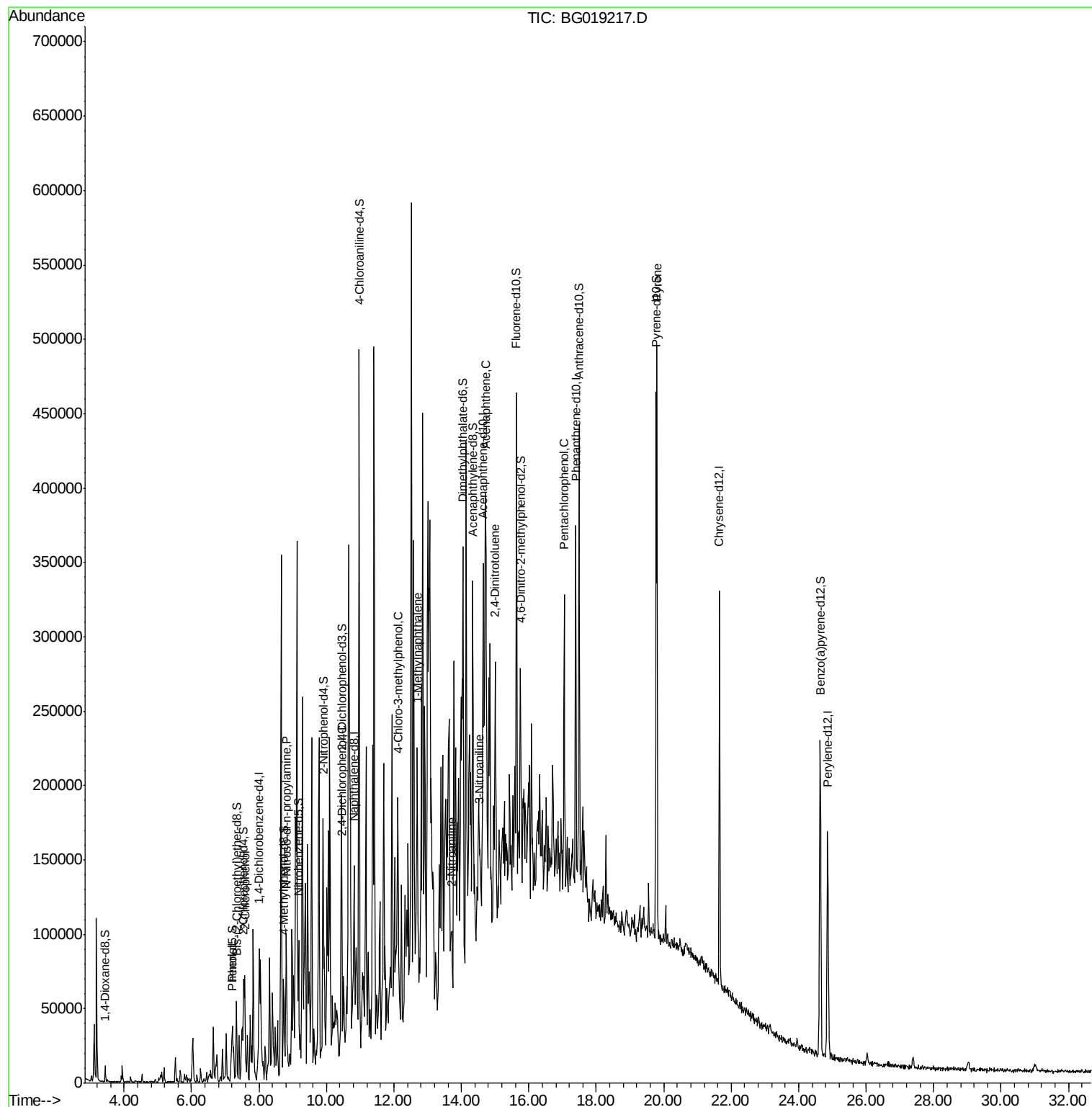
						Ovalue
6) Phenol	7.21	94	10157	6.77	ng/ul#	82
10) 2-Chlorophenol	7.58	128	25361	23.50	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.81	70	29547	28.05	ng/ul#	86
27) 2,4-Dichlorophenol	10.46	162	4762	3.65	ng/ul#	55
33) 4-Chloro-3-methylphenol	12.11	107	42666	25.96	ng/ul	88
35) 1-Methylnaphthalene	12.68	142	5929	1.83	ng/ul#	88
43) 2-Nitroaniline	13.71	65	1688	1.11	ng/ul#	29
49) 3-Nitroaniline	14.54	138	1280	1.24	ng/ul#	41
50) Acenaphthene	14.71	153	98516	22.00	ng/ul	92
55) 2,4-Dinitrotoluene	15.01	165	37614	21.51	ng/ul	89
69) Pentachlorophenol	17.04	266	32620	35.85	ng/ul	93
80) Pyrene	19.80	202	239564	25.46	ng/ul#	92

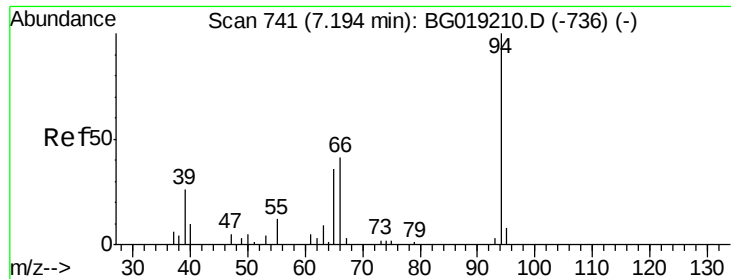
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 16 04:07:16 2015
Response via : Initial Calibration





#6

Phenol

Concen: 6.77 ng/ul

RT: 7.21 min Scan# 745

Delta R.T. 0.02 min

Lab File: BG019217.D

Acq: 15 Oct 2015 22:23

Instrument :

BNA_G

ClientSampled :

E5LJ5MS

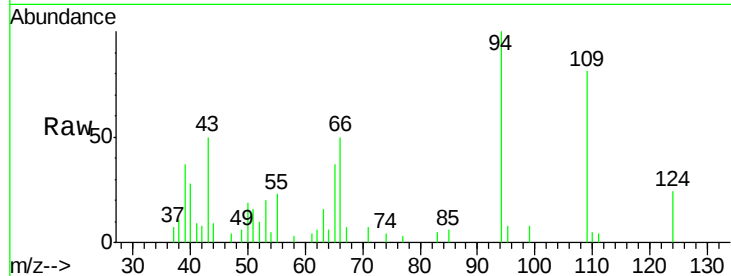
Tot Ion: 94 Resp: 10157

Ion Ratio Lower Upper

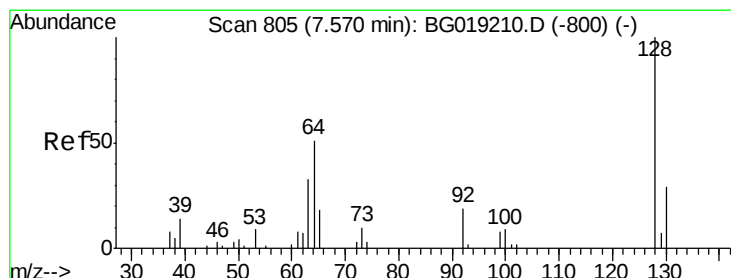
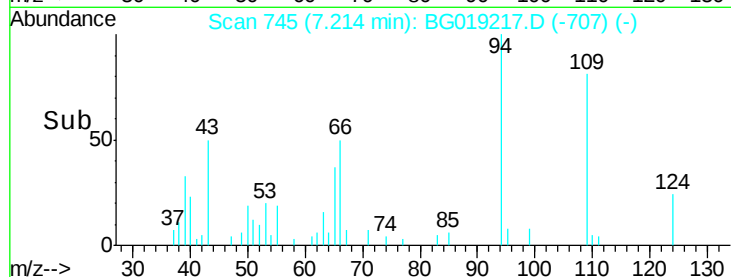
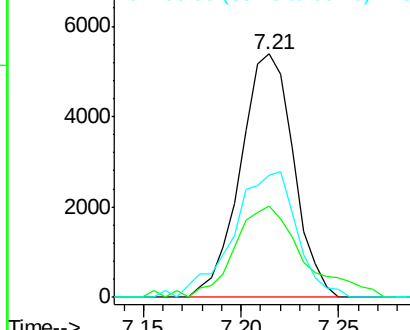
94 100

65 37.3 24.9 37.3#

66 50.2 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: 23.50 ng/ul

RT: 7.58 min Scan# 807

Delta R.T. 0.01 min

Lab File: BG019217.D

Acq: 15 Oct 2015 22:23

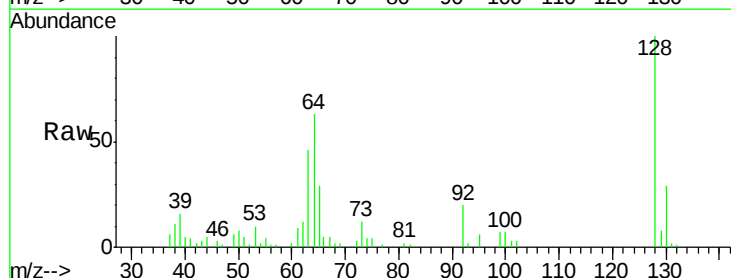
Tgt Ion: 128 Resp: 25361

Ion Ratio Lower Upper

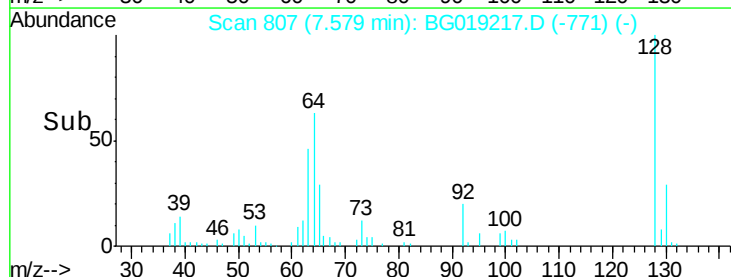
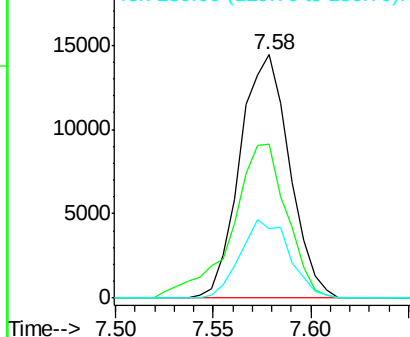
128 100

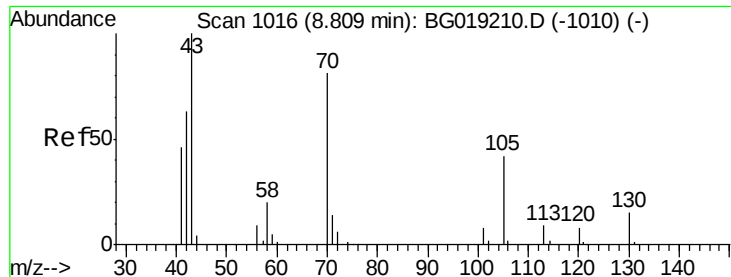
64 63.1 43.3 64.9

130 28.6 26.5 39.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

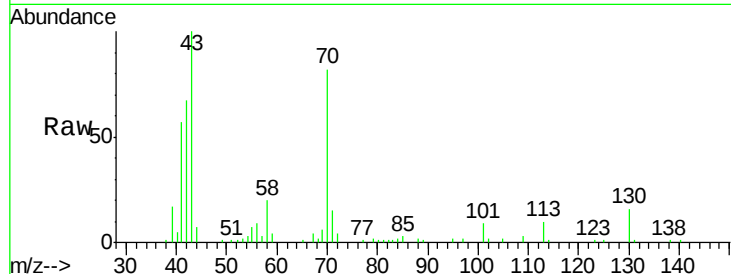




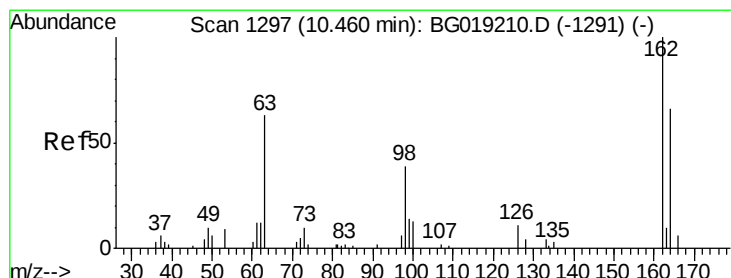
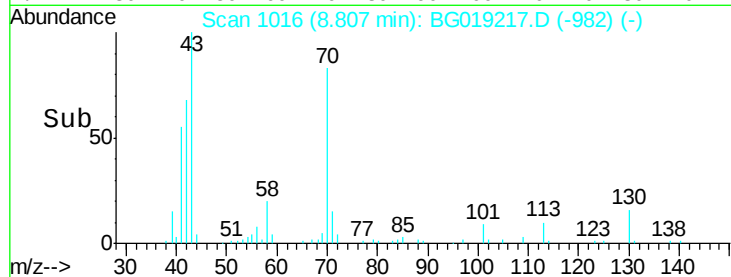
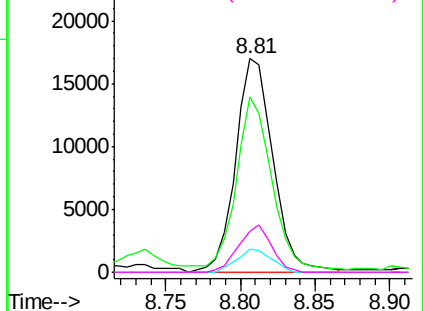
#15
N-Nitroso-di-n-propylamine
Concen: 28.05 ng/ul
RT: 8.81 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG019217.D
Acq: 15 Oct 2015 22:23

Instrument :
BNA_G
ClientSampleId :
E5LJ5MS

Tot Ion: 70 Resp: 29547
Ion Ratio Lower Upper
70 100
42 81.9 53.6 80.4#
101 10.7 7.9 11.9
130 19.3 16.5 24.7

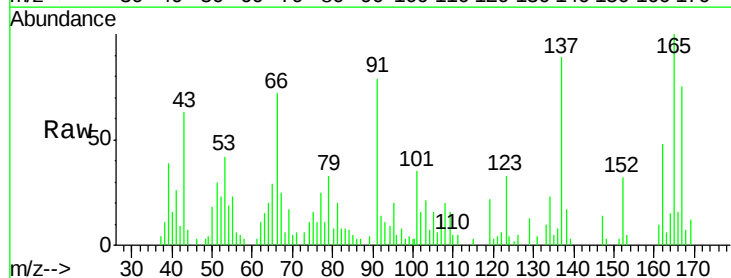


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

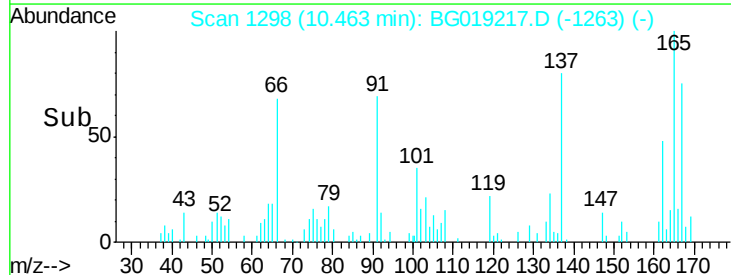
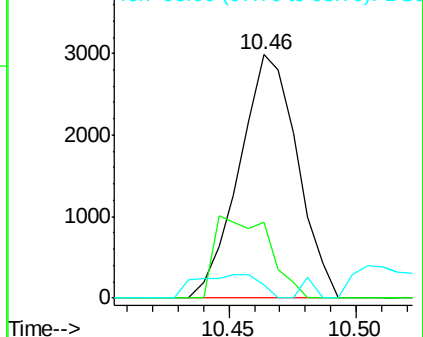


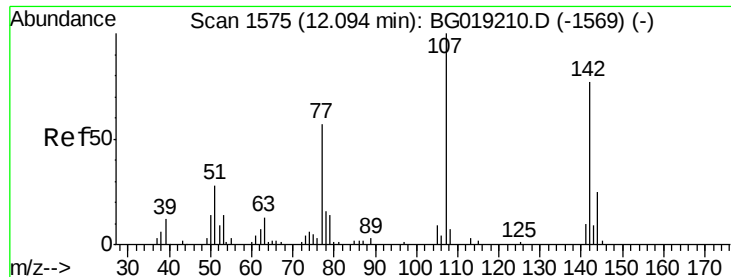
#27
2,4-Dichlorophenol
Concen: 3.65 ng/ul
RT: 10.46 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG019217.D
Acq: 15 Oct 2015 22:23

Tgt Ion: 162 Resp: 4762
Ion Ratio Lower Upper
162 100
164 31.2 50.0 75.0#
98 5.4 29.0 43.6#



Abundance Ion 162.00 (161.70 to 162.70): BGC
Ion 164.00 (163.70 to 164.70): BGC
Ion 98.00 (97.70 to 98.70): BGC

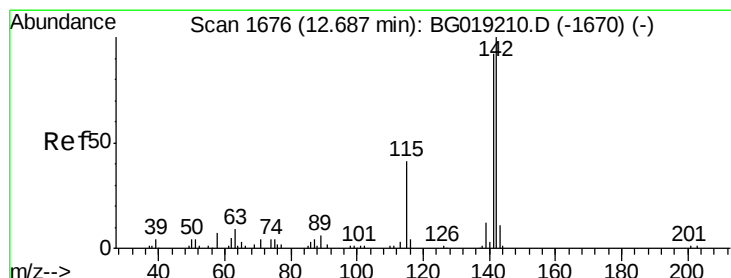
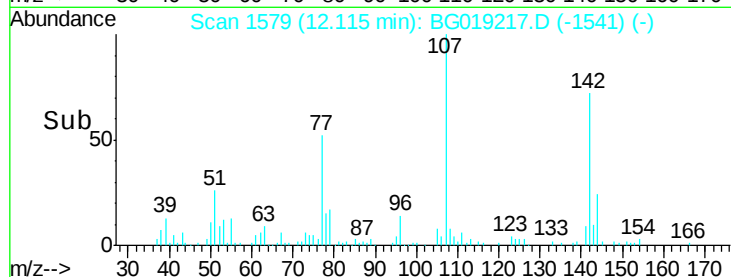
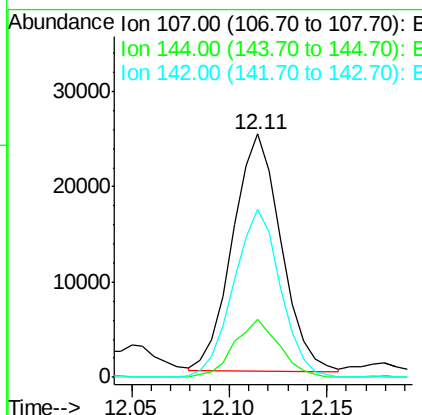
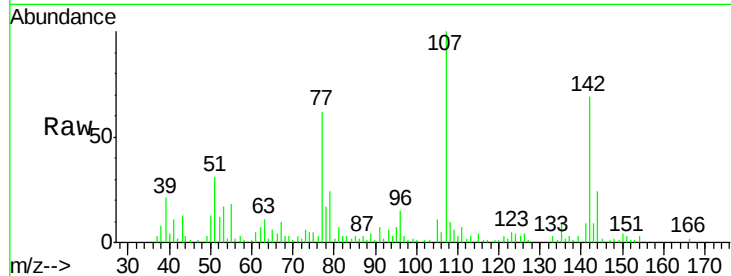




#33
4-Chloro-3-methylphenol
Concen: 25.96 ng/ul
RT: 12.11 min Scan# 1579
Delta R.T. 0.02 min
Lab File: BG019217.D
Acq: 15 Oct 2015 22:23

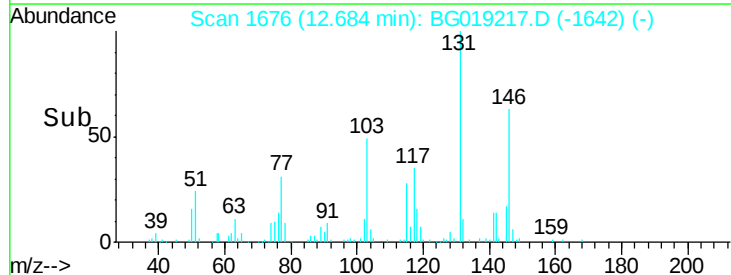
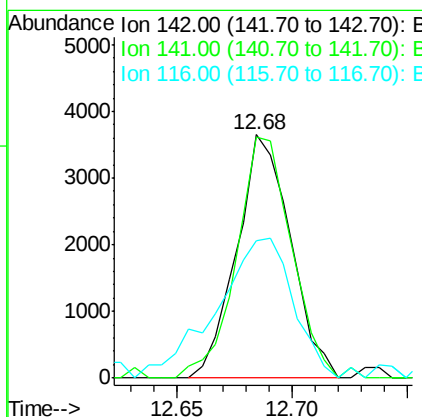
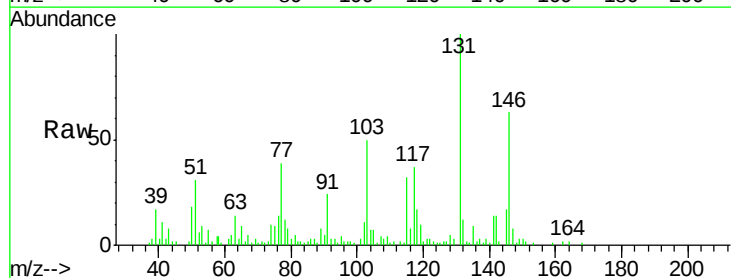
Instrument :
BNA_G
ClientSampleId :
E5LJ5MS

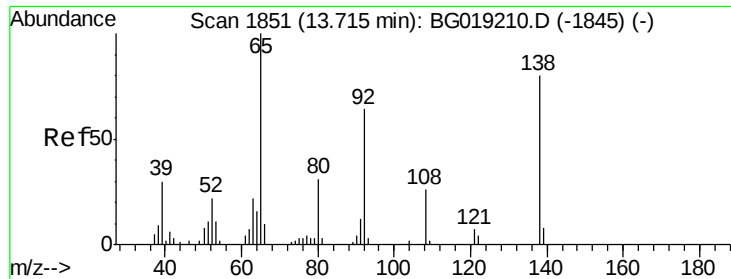
Tot Ion:107 Resp: 42666
Ion Ratio Lower Upper
107 100
144 23.6 20.9 31.3
142 69.0 65.6 98.4



#35
1-Methylnaphthalene
Concen: 1.83 ng/ul
RT: 12.68 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BG019217.D
Acq: 15 Oct 2015 22:23

Tgt Ion:142 Resp: 5929
Ion Ratio Lower Upper
142 100
141 98.9 74.8 112.2
116 56.2 3.2 4.8#





#43

2-Nitroaniline

Concen: 1.11 ng/ul

RT: 13.71 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BG019217.D

Acq: 15 Oct 2015 22:23

Instrument :

BNA_G

ClientSampleId :

E5LJ5MS

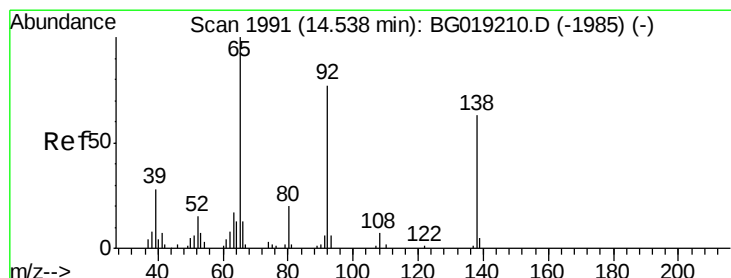
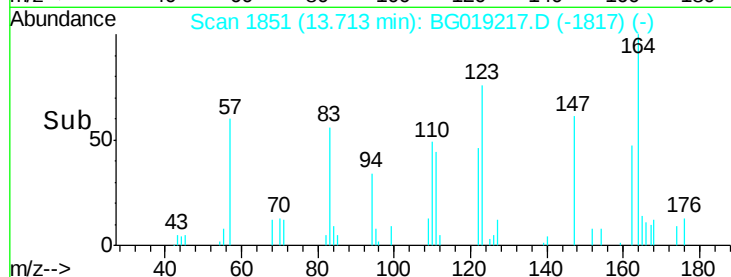
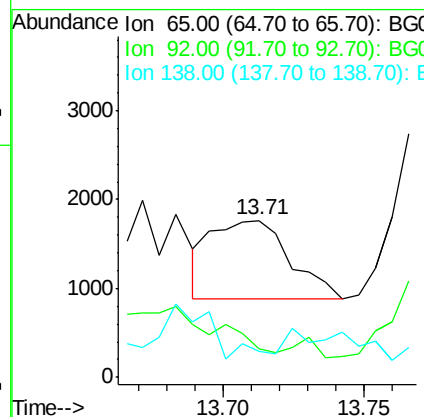
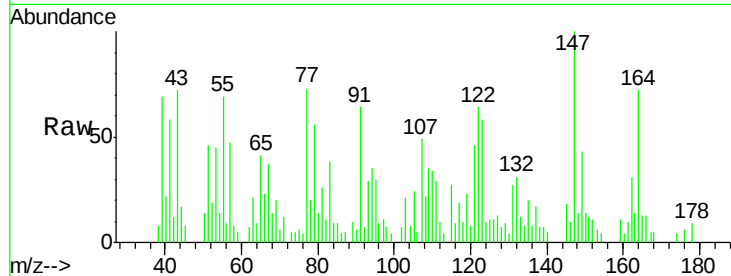
Tot Ion: 65 Resp: 1688

Ion Ratio Lower Upper

65 100

92 18.0 50.7 76.1#

138 16.9 74.9 112.3#



#49

3-Nitroaniline

Concen: 1.24 ng/ul

RT: 14.54 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG019217.D

Acq: 15 Oct 2015 22:23

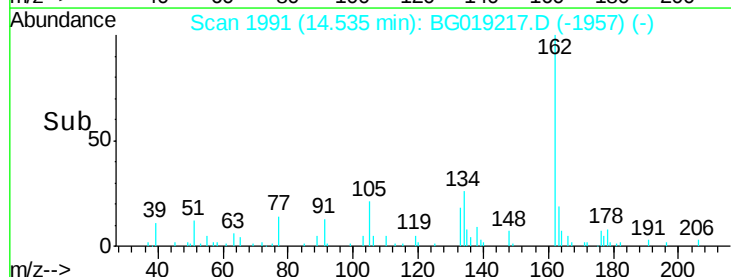
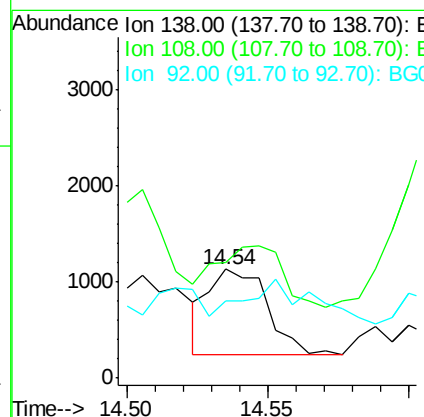
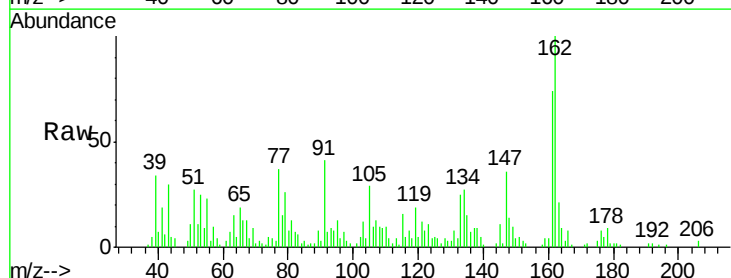
Tgt Ion: 138 Resp: 1280

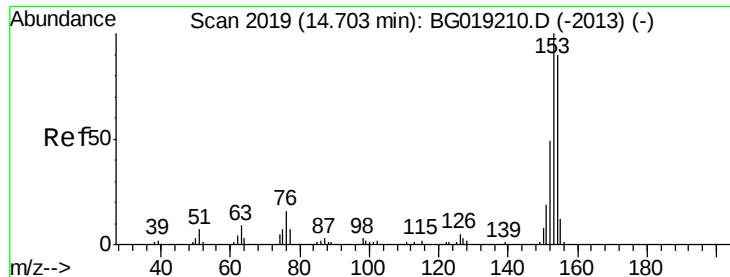
Ion Ratio Lower Upper

138 100

108 105.6 8.9 13.3#

92 71.0 92.4 138.6#





#50

Acenaphthene

Concen: 22.00 ng/ul

RT: 14.71 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG019217.D

Acq: 15 Oct 2015 22:23

Instrument :

BNA_G

ClientSampleId :

E5LJ5MS

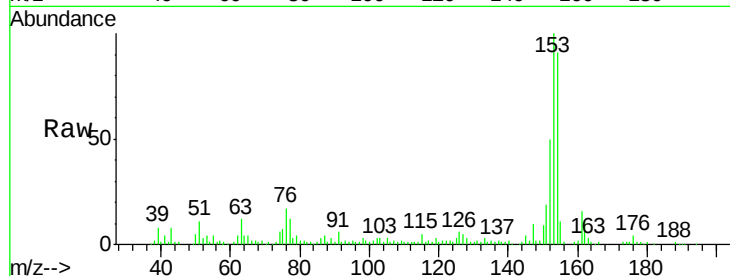
Tot Ion:153 Resp: 98516

Ion Ratio Lower Upper

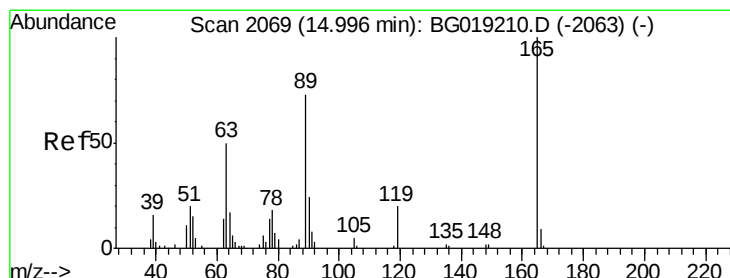
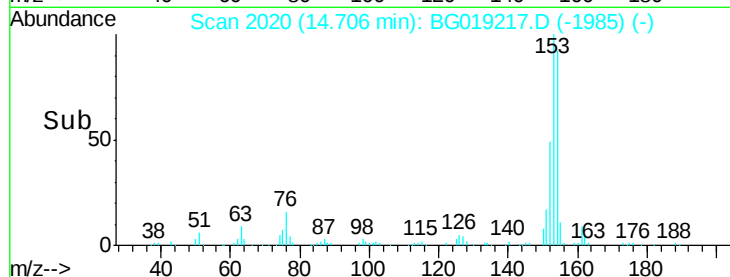
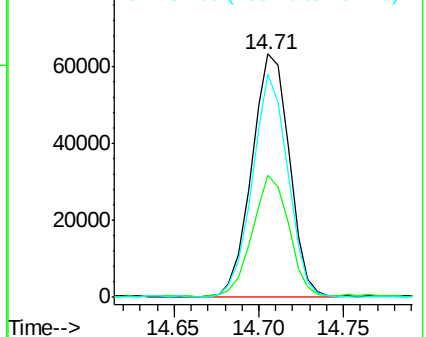
153 100

152 50.1 36.2 54.2

154 91.4 67.5 101.3



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



#55

2,4-Dinitrotoluene

Concen: 21.51 ng/ul

RT: 15.01 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BG019217.D

Acq: 15 Oct 2015 22:23

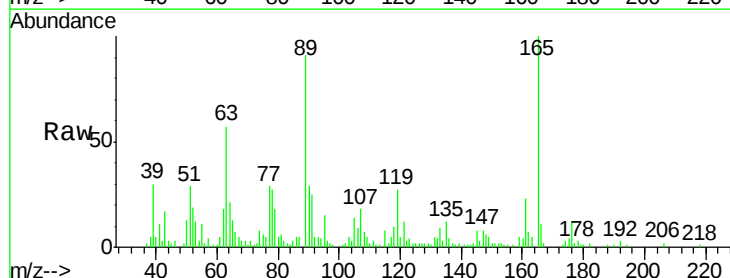
Tgt Ion:165 Resp: 37614

Ion Ratio Lower Upper

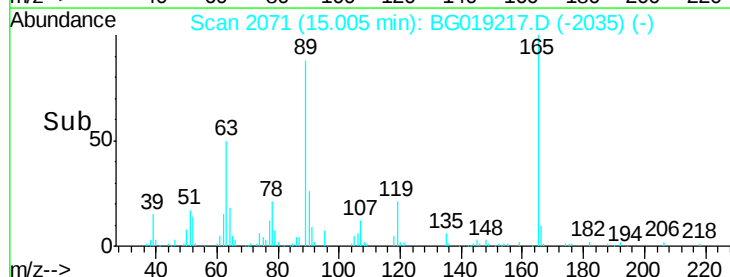
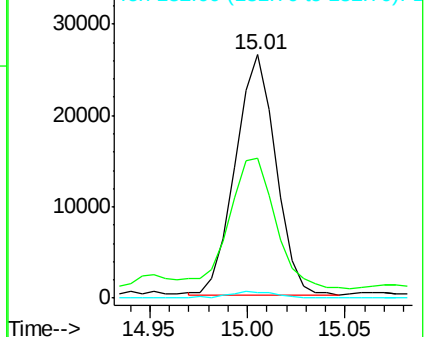
165 100

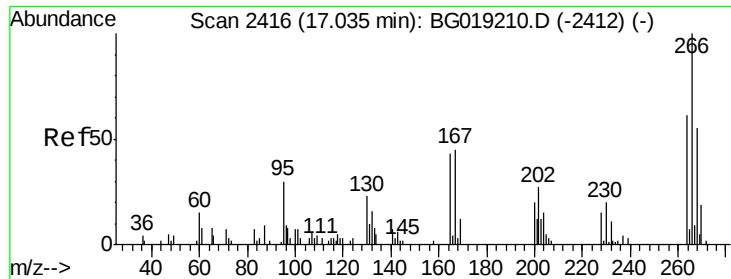
63 57.3 39.5 59.3

182 2.3 2.2 3.2



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

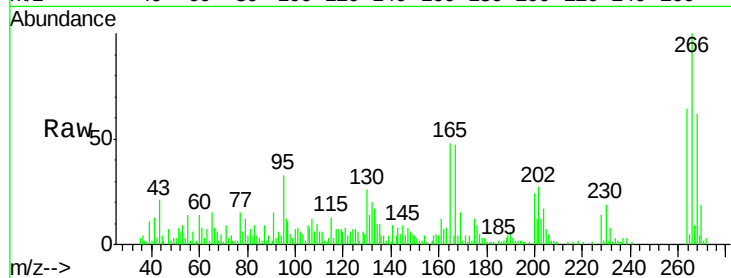




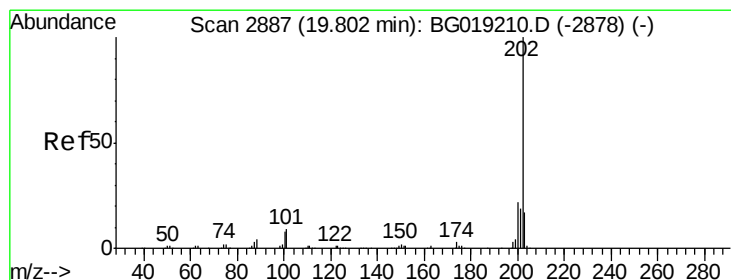
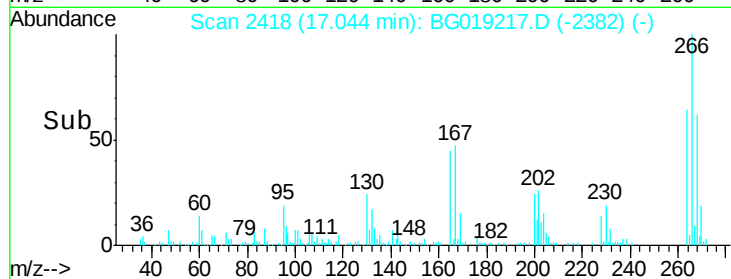
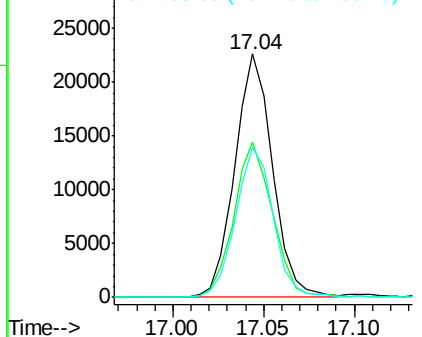
#69
 Pentachlorophenol
 Concen: 35.85 ng/ul
 RT: 17.04 min Scan# 2418
 Delta R.T. 0.01 min
 Lab File: BG019217.D
 Acq: 15 Oct 2015 22:23

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ5MS

Tot Ion:266 Resp: 32620
 Ion Ratio Lower Upper
 266 100
 264 63.5 49.0 73.6
 268 61.5 55.6 83.4

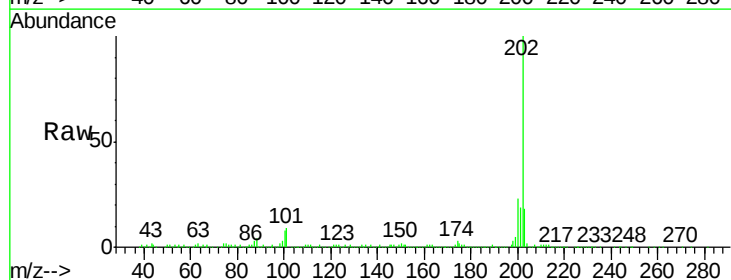


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 25.46 ng/ul
 RT: 19.80 min Scan# 2887
 Delta R.T. -0.00 min
 Lab File: BG019217.D
 Acq: 15 Oct 2015 22:23

Tgt Ion:202 Resp: 239564
 Ion Ratio Lower Upper
 202 100
 101 9.0 10.2 15.2#
 100 8.0 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

