

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102815\
 Data File : BG019420.D
 Acq On : 29 Oct 2015 16:49
 Operator : UM/NP
 Sample : G4120-17DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6DL

Quant Time: Oct 30 03:27:38 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	38549	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	152949	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	121355	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	289350	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	357369	20.00	ng/ul	0.00
86) Perylene-d12	25.24	264	332912	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	3449	4.29	ng/uL	0.00
5) Phenol-d5	7.36	99	4235	1.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	16088	7.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	12453	5.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	10862	3.85	ng/ul	0.01
19) Nitrobenzene-d5	9.38	128	8050	7.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	9481	7.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	18957	6.55	ng/ul	0.01
29) 4-Chloroaniline-d4	11.18	131	6278	2.14	ng/ul	0.02
44) Dimethylphthalate-d6	14.23	166	67646	6.76	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	80334	7.25	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	2345	1.48	ng/ul	0.02
58) Fluorene-d10	15.82	176	74320	8.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.94	200	13843	7.39	ng/ul	0.00
71) Anthracene-d10	17.68	188	101668	7.71	ng/ul	0.00
79) Pyrene-d10	19.95	212	115189	7.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	124886	7.48	ng/ul	0.00

Target Compounds

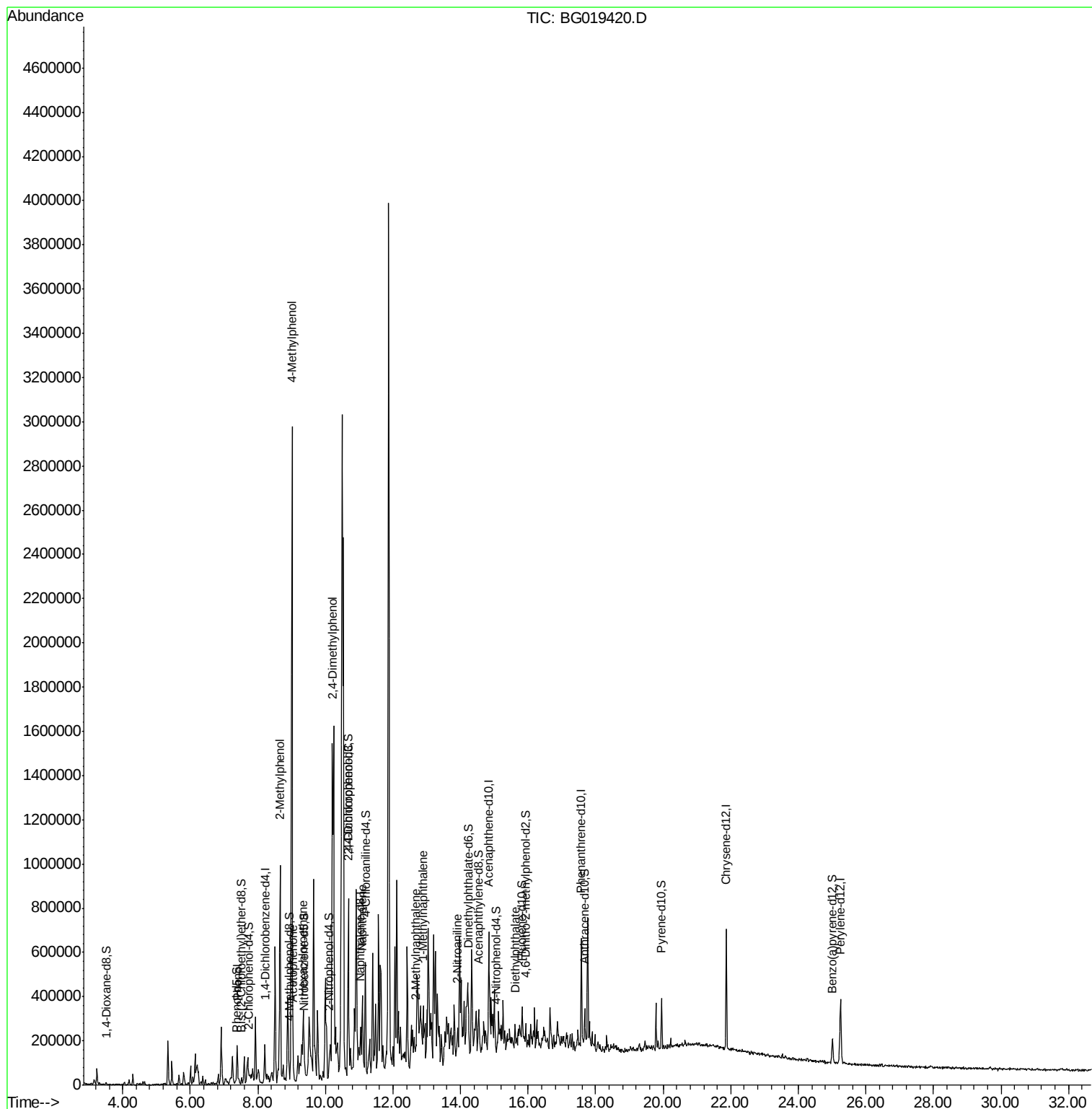
						Qvalue
6) Phenol	7.39	94	85171	22.59	ng/ul	99
11) 2-Methylphenol	8.66	108	294133	105.50	ng/ul	98
14) Acetophenone	9.04	105	43985	9.30	ng/ul	86
16) 4-Methylphenol	9.01	108	1139860	374.40	ng/ul	96
17) Hexachloroethane	9.32	117	1908	1.61	ng/ul#	1
24) 2,4-Dimethylphenol	10.21	107	663904	167.71	ng/ul	97
27) 2,4-Dichlorophenol	10.68	162	9995	3.61	ng/ul#	36
28) Naphthalene	11.09	128	205189	26.81	ng/ul	95
34) 2-Methylnaphthalene	12.68	142	23043	3.75	ng/ul	88
35) 1-Methylnaphthalene	12.90	142	20117	3.46	ng/ul#	89
43) 2-Nitroaniline	13.92	65	4467	1.56	ng/ul#	42
57) Diethylphthalate	15.63	149	13329	1.32	ng/ul#	77

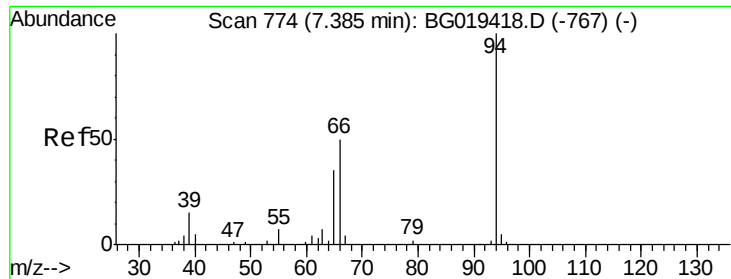
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 22.59 ng/ul

RT: 7.39 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

Instrument :

BNA_G

ClientSampleId :

E5LS6DL

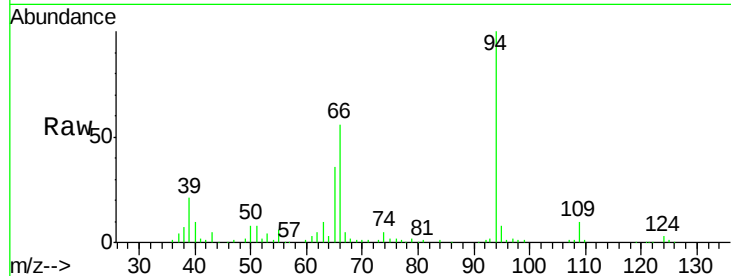
Tgt Ion: 94 Resp: 85171

Ion Ratio Lower Upper

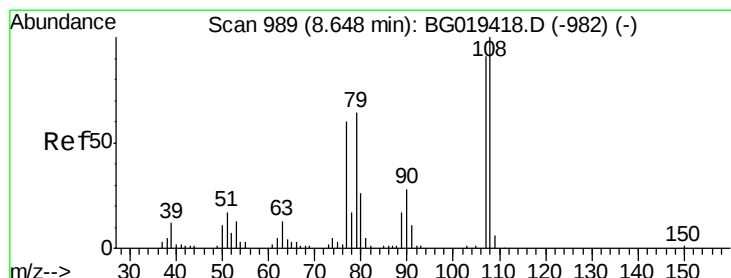
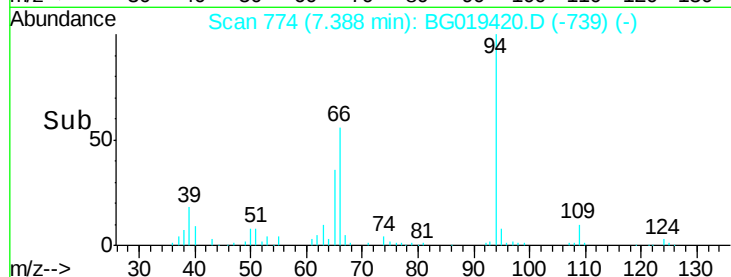
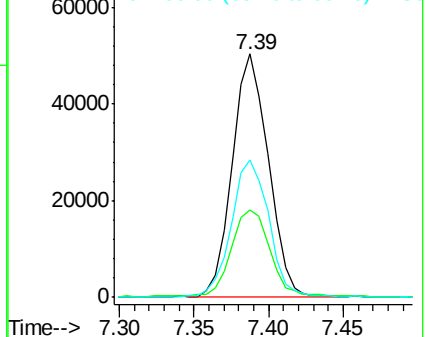
94 100

65 35.9 29.3 43.9

66 56.2 45.0 67.6



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



#11

2-Methylphenol

Concen: 105.50 ng/ul

RT: 8.66 min Scan# 990

Delta R.T. 0.01 min

Lab File: BG019420.D

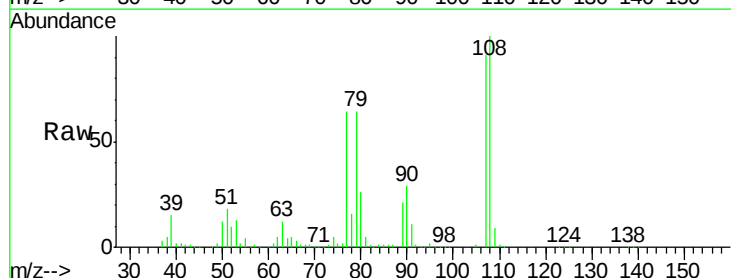
Acq: 29 Oct 2015 16:49

Tgt Ion: 108 Resp: 294133

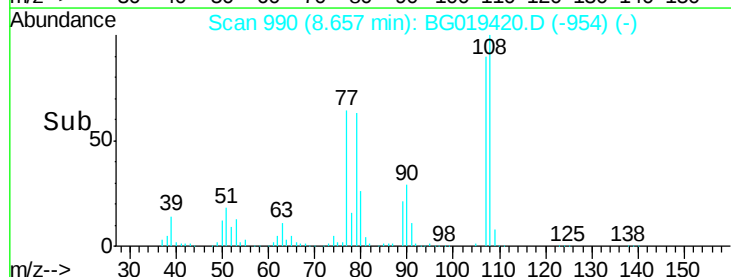
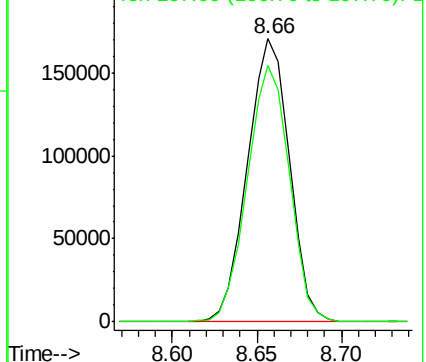
Ion Ratio Lower Upper

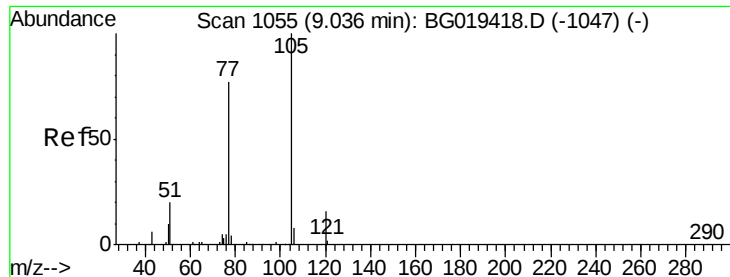
108 100

107 90.6 71.2 106.8



Abundance Ion 108.00 (107.70 to 108.70): BGC
Ion 107.00 (106.70 to 107.70): BGC





#14

Acetophenone

Concen: 9.30 ng/ul

RT: 9.04 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

Instrument :

BNA_G

ClientSampleId :

E5LS6DL

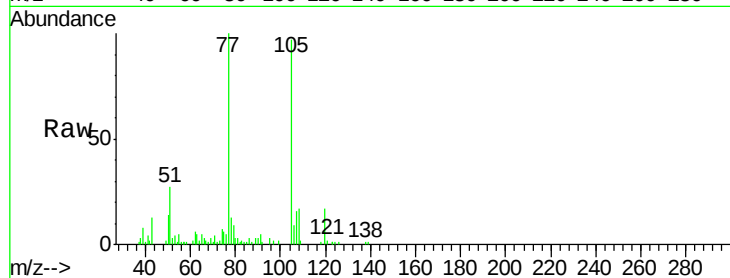
Tgt Ion:105 Resp: 43985

Ion Ratio Lower Upper

105 100

77 103.4 69.5 104.3

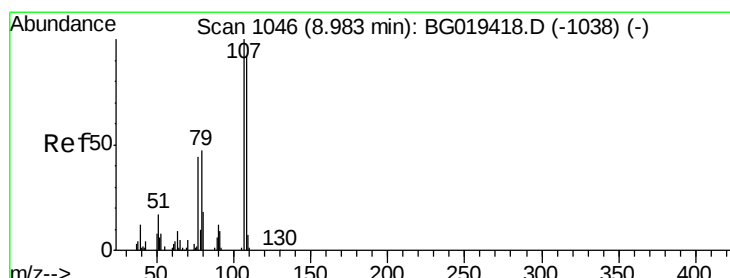
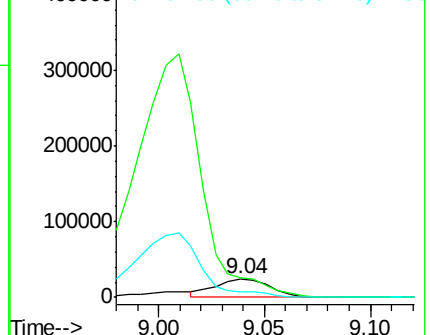
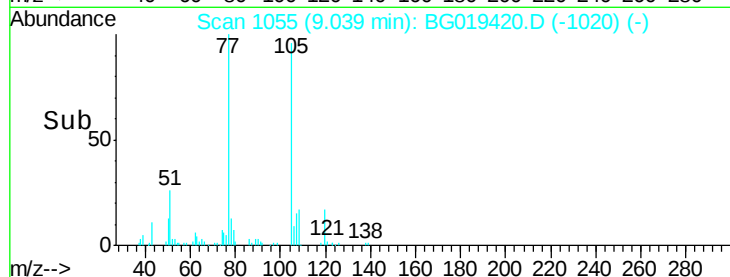
51 27.6 21.8 32.6



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG0

Ion 51.00 (50.70 to 51.70): BG0



#16

4-Methylphenol

Concen: 374.40 ng/ul

RT: 9.01 min Scan# 1050

Delta R.T. 0.03 min

Lab File: BG019420.D

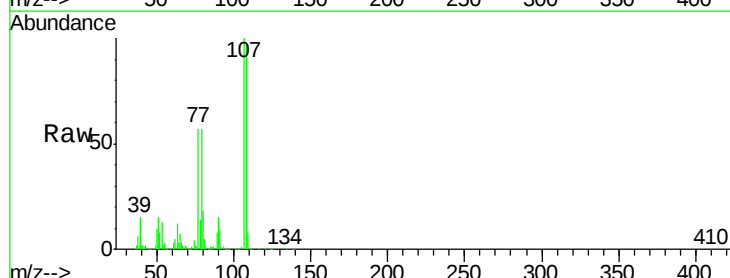
Acq: 29 Oct 2015 16:49

Tgt Ion:108 Resp: 1139860

Ion Ratio Lower Upper

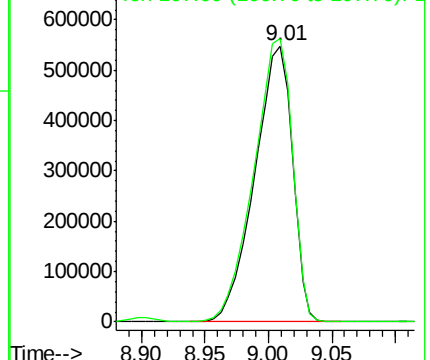
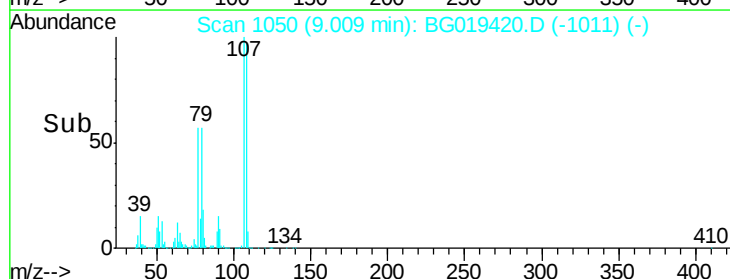
108 100

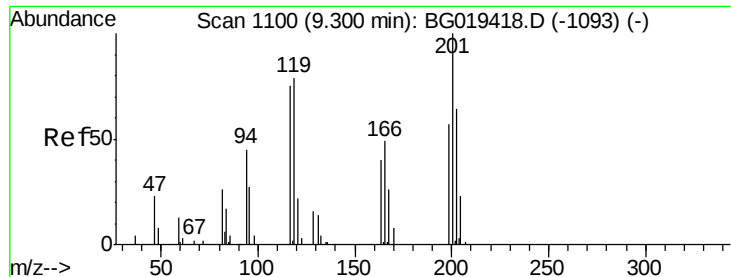
107 102.7 85.4 128.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 1.61 ng/ul

RT: 9.32 min Scan# 1103

Delta R.T. 0.02 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

Instrument :

BNA_G

ClientSampled :

E5LS6DL

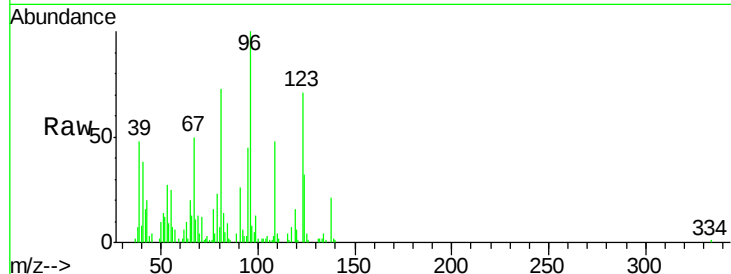
Tgt Ion:117 Resp: 1908

Ion Ratio Lower Upper

117 100

201 0.0 101.4 152.0#

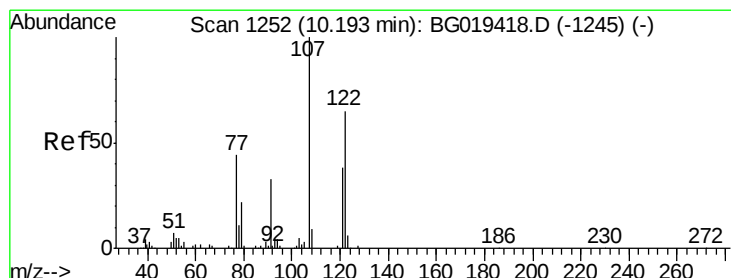
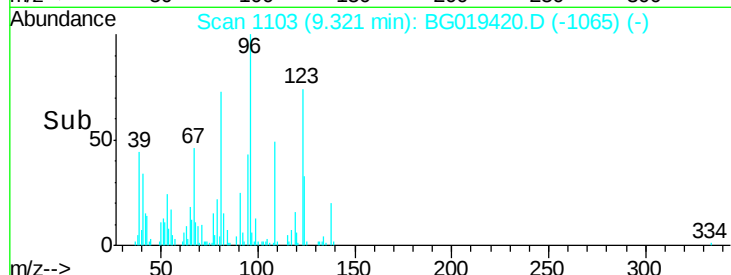
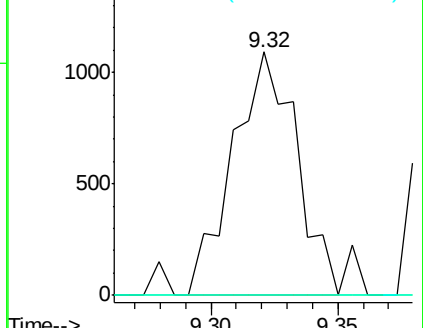
199 0.0 71.7 107.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#24

2,4-Dimethylphenol

Concen: 167.71 ng/ul

RT: 10.21 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

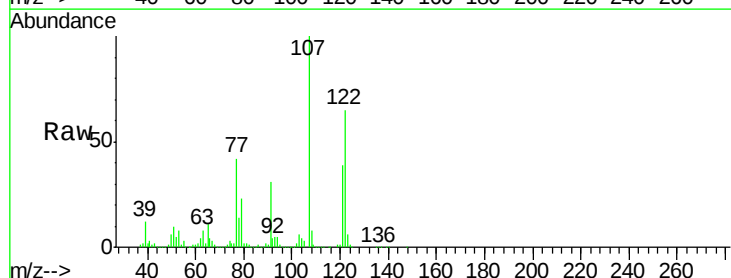
Tgt Ion:107 Resp: 663904

Ion Ratio Lower Upper

107 100

121 38.7 33.0 49.4

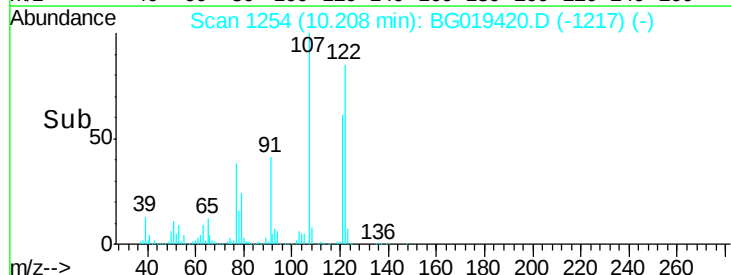
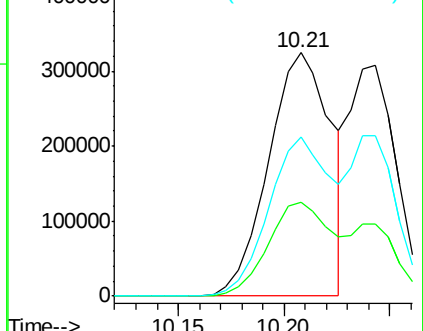
122 65.2 54.2 81.2

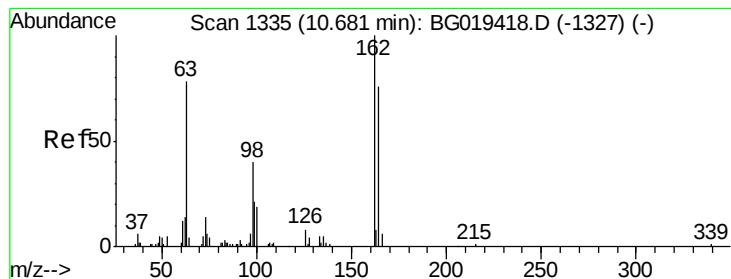


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#27

2,4-Dichlorophenol

Concen: 3.61 ng/ul

RT: 10.68 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

Instrument :

BNA_G

ClientSampleId :

E5LS6DL

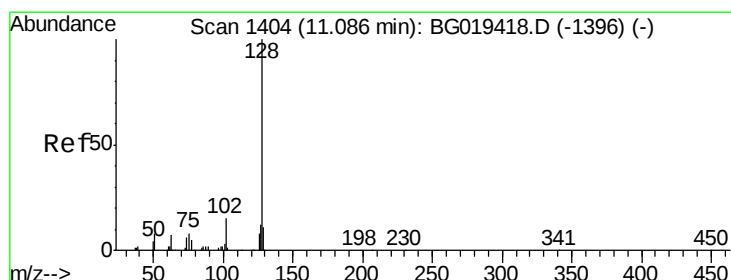
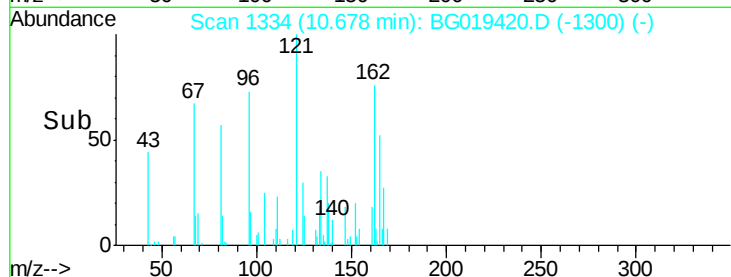
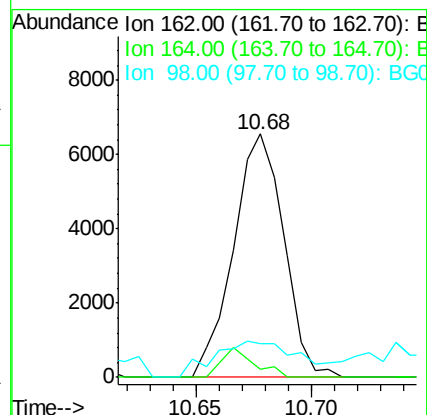
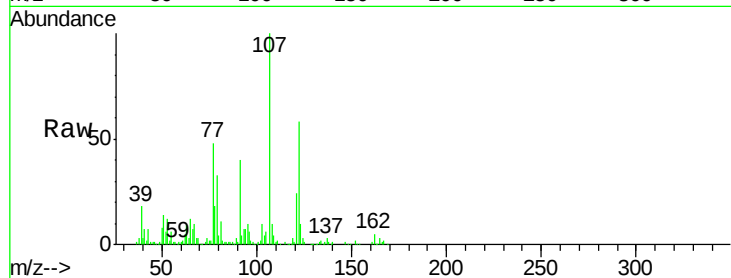
Tgt Ion:162 Resp: 9995

Ion Ratio Lower Upper

162 100

164 3.1 52.1 78.1#

98 13.7 26.9 40.3#



#28

Naphthalene

Concen: 26.81 ng/ul

RT: 11.09 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

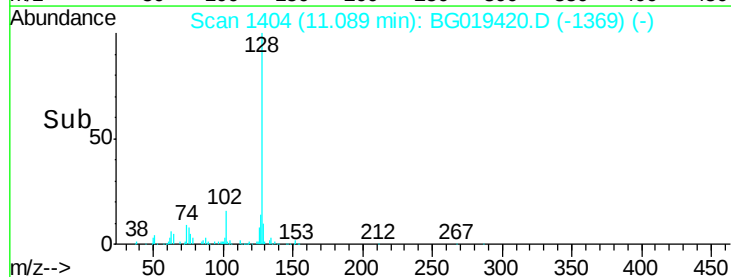
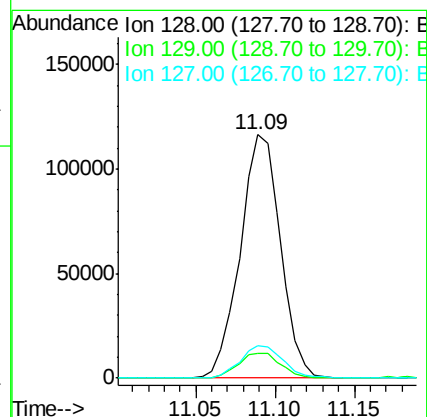
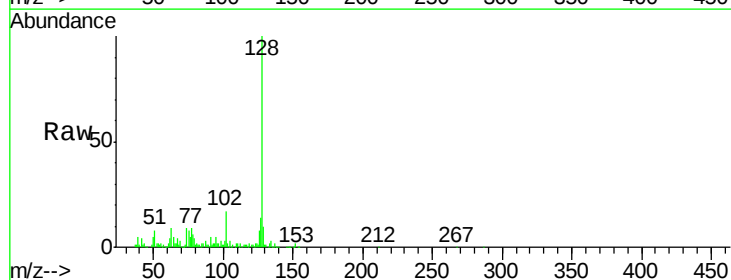
Tgt Ion:128 Resp: 205189

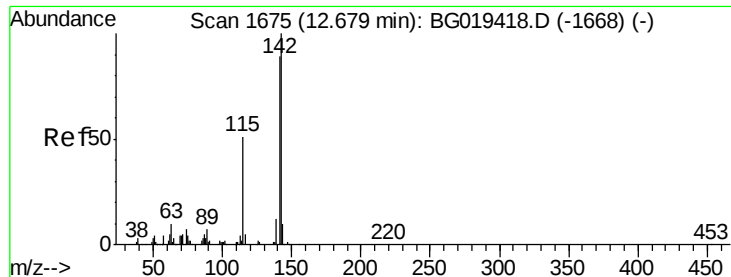
Ion Ratio Lower Upper

128 100

129 10.2 8.9 13.3

127 13.5 13.1 19.7

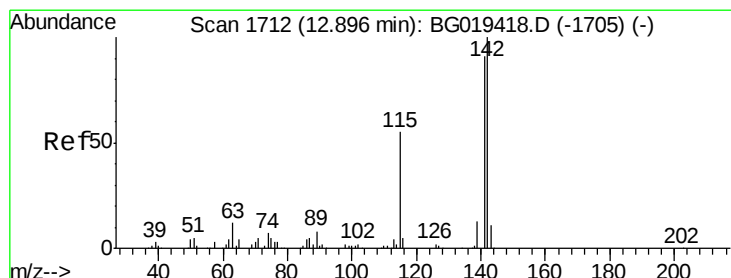
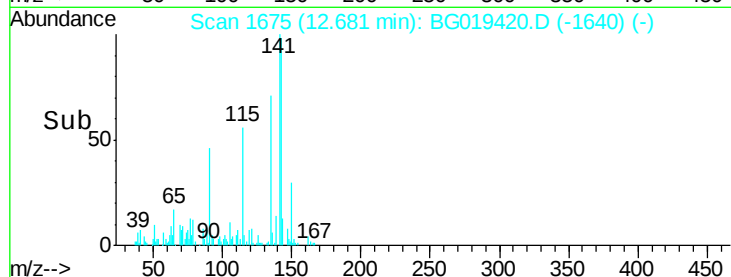
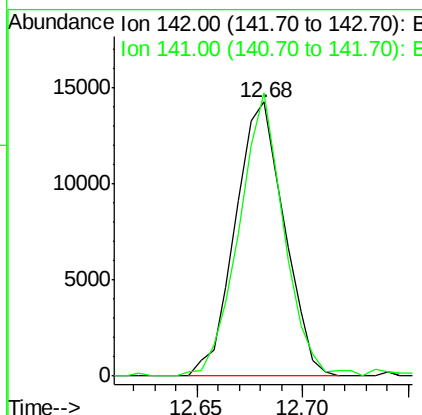
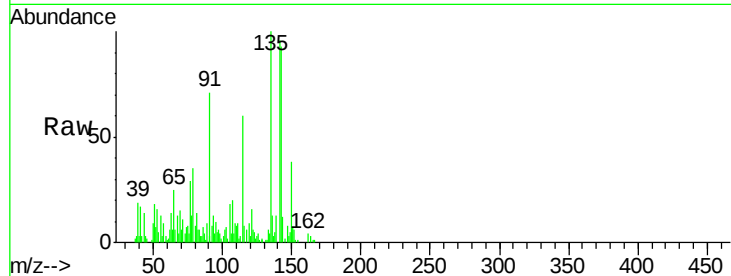




#34
 2-Methylnaphthalene
 Concen: 3.75 ng/ul
 RT: 12.68 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BG019420.D
 Acq: 29 Oct 2015 16:49

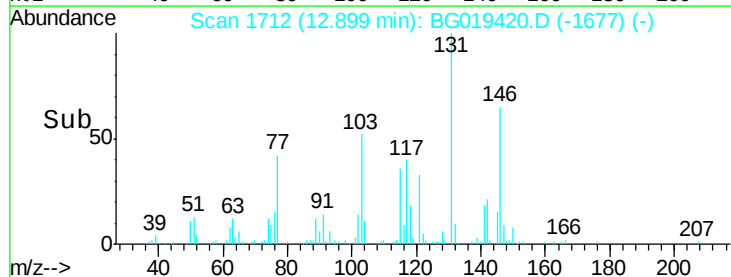
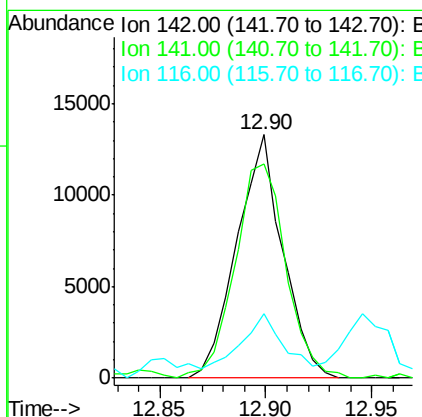
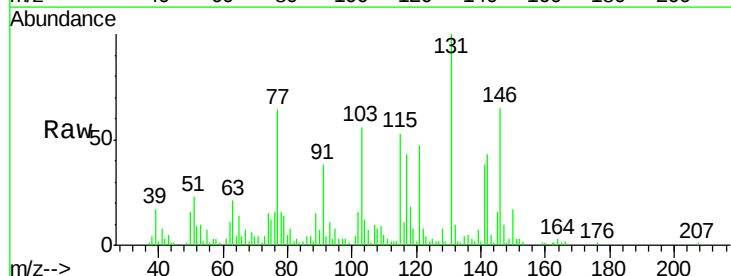
Instrument :
 BNA_G
 ClientSampleId :
 E5LS6DL

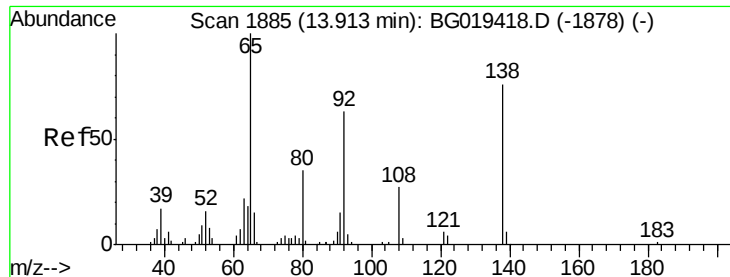
Tgt Ion:142 Resp: 23043
 Ion Ratio Lower Upper
 142 100
 141 103.3 73.4 110.2



#35
 1-Methylnaphthalene
 Concen: 3.46 ng/ul
 RT: 12.90 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG019420.D
 Acq: 29 Oct 2015 16:49

Tgt Ion:142 Resp: 20117
 Ion Ratio Lower Upper
 142 100
 141 87.8 76.5 114.7
 116 26.4 5.4 8.0#





#43

2-Nitroaniline

Concen: 1.56 ng/ul

RT: 13.92 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

Instrument :

BNA_G

ClientSampleId :

E5LS6DL

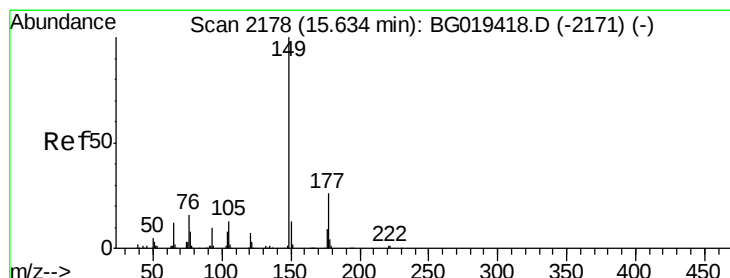
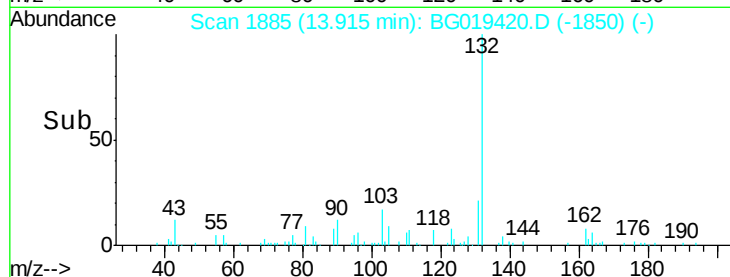
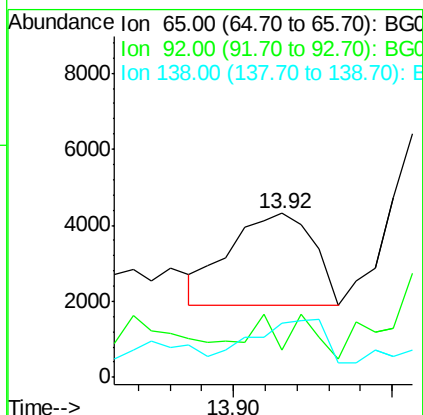
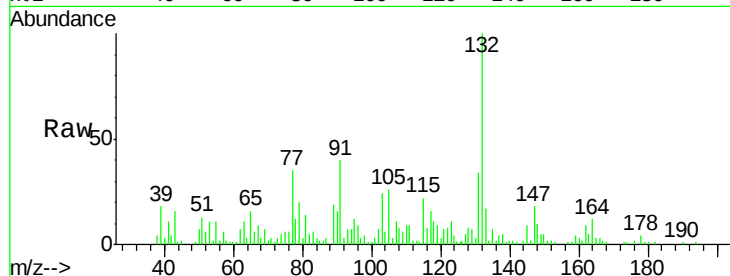
Tgt Ion: 65 Resp: 4467

Ion Ratio Lower Upper

65 100

92 17.0 54.9 82.3#

138 33.2 64.4 96.6#



#57

Diethylphthalate

Concen: 1.32 ng/ul

RT: 15.63 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG019420.D

Acq: 29 Oct 2015 16:49

Tgt Ion: 149 Resp: 13329

Ion Ratio Lower Upper

149 100

177 37.6 20.6 30.8#

150 23.4 11.2 16.8#

