

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102815\
 Data File : BG019419.D
 Acq On : 29 Oct 2015 16:11
 Operator : UM/NP
 Sample : G4120-16DL 2X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS4DL

Quant Time: Oct 30 03:27:21 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	39162	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	157280	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	119212	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	297486	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	368803	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	338775	20.00	ng/ul	0.00

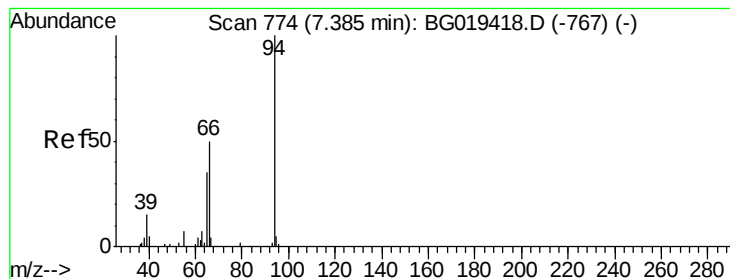
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	4483	5.48	ng/uL	0.00
5) Phenol-d5	7.36	99	12409	3.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	31965	14.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	28419	12.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	23715	8.28	ng/ul	0.02
19) Nitrobenzene-d5	9.38	128	16929	14.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	20044	14.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	40132	13.48	ng/ul	0.01
29) 4-Chloroaniline-d4	11.18	131	5079	1.69	ng/ul	0.02
44) Dimethylphthalate-d6	14.24	166	142646	14.51	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	165142	15.17	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	317	0.20	ng/ul	-0.02
58) Fluorene-d10	15.82	176	158820	17.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	28323	14.71	ng/ul	0.00
71) Anthracene-d10	17.68	188	210613	15.53	ng/ul	0.00
79) Pyrene-d10	19.95	212	235830	14.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	254817	14.99	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.39	94	96680	25.24	ng/ul	98
11) 2-Methylphenol	8.65	108	270396	95.47	ng/ul	99
14) Acetophenone	9.04	105	47056	9.79	ng/ul#	85
16) 4-Methylphenol	9.01	108	1139573	368.45	ng/ul	97
24) 2,4-Dimethylphenol	10.21	107	767513	188.54	ng/ul	97
27) 2,4-Dichlorophenol	10.68	162	13231	4.65	ng/ul#	44
28) Naphthalene	11.09	128	341976	43.46	ng/ul	96
34) 2-Methylnaphthalene	12.68	142	42790	6.77	ng/ul	96
35) 1-Methylnaphthalene	12.90	142	31011	5.18	ng/ul#	93
41) 1,1'-Biphenyl	13.67	154	11374	1.35	ng/ul#	82
43) 2-Nitroaniline	13.92	65	3004	1.07	ng/ul#	55

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



#6

Phenol

Concen: 25.24 ng/ul

RT: 7.39 min Scan# 775

Delta R.T. 0.01 min

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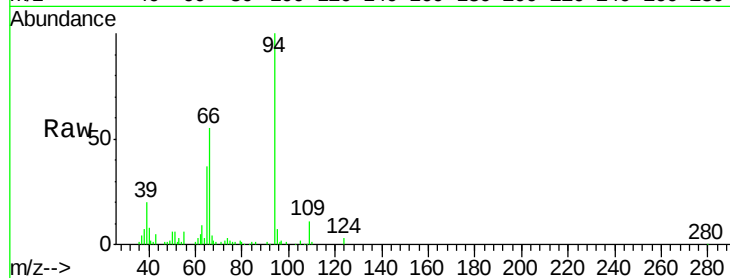
Tgt Ion: 94 Resp: 96680

Ion Ratio Lower Upper

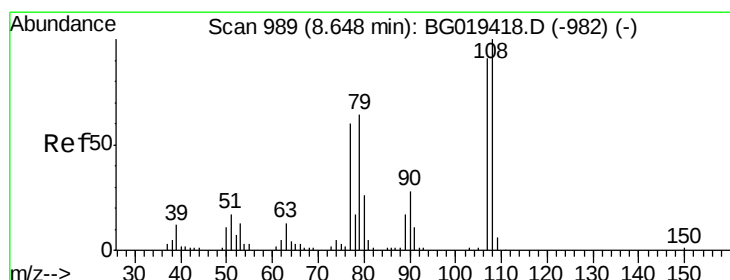
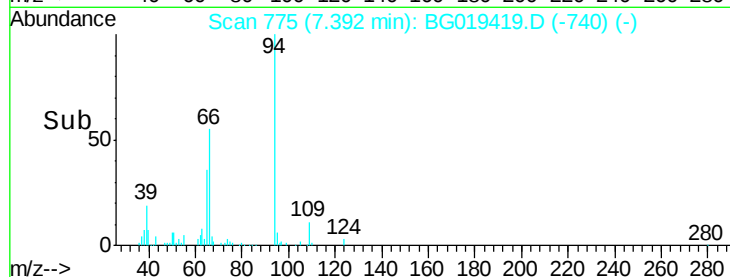
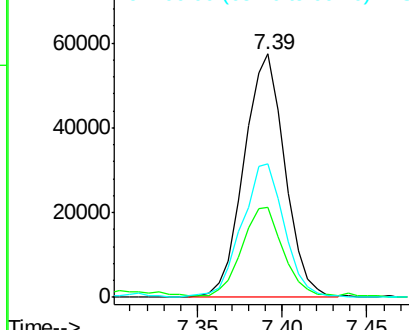
94 100

65 36.9 29.3 43.9

66 54.7 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: 95.47 ng/ul

RT: 8.65 min Scan# 990

Delta R.T. 0.01 min

Lab File: BG019419.D

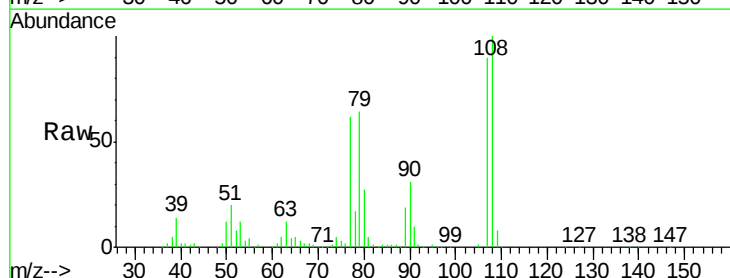
Acq: 29 Oct 2015 16:11

Tgt Ion: 108 Resp: 270396

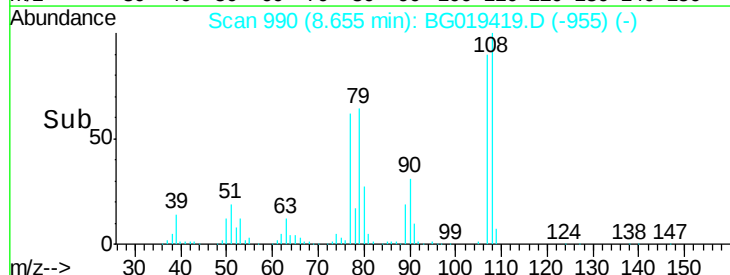
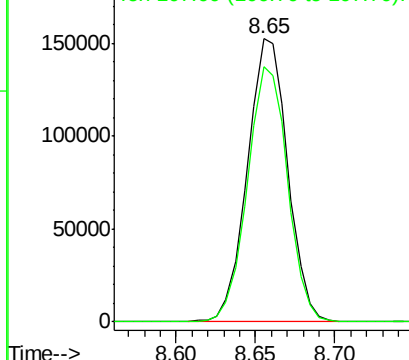
Ion Ratio Lower Upper

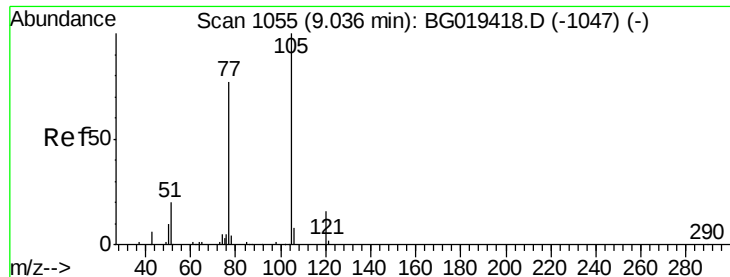
108 100

107 90.0 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: 9.79 ng/ul

RT: 9.04 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BG019419.D

Acq: 29 Oct 2015 16:11

Instrument :

BNA_G

ClientSampleId :

E5LS4DL

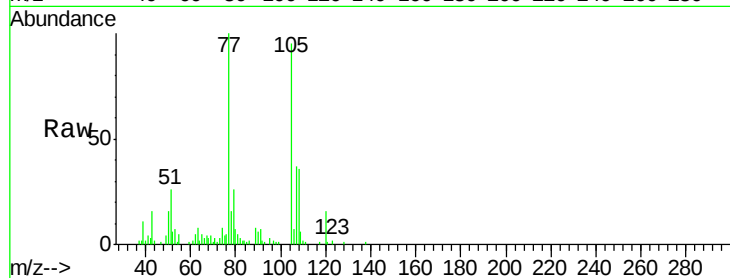
Tgt Ion:105 Resp: 47056

Ion Ratio Lower Upper

105 100

77 105.3 69.5 104.3#

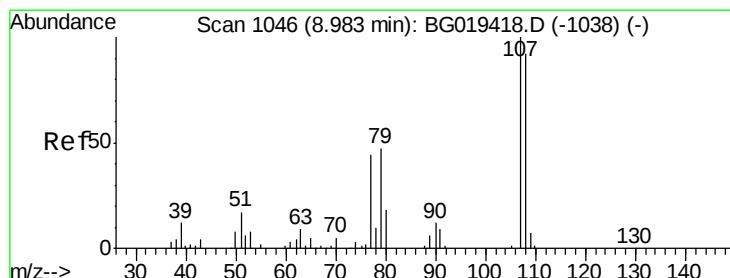
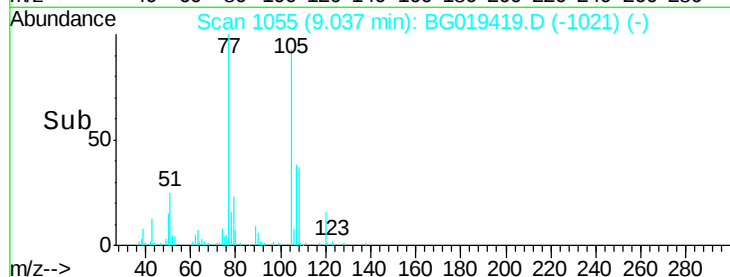
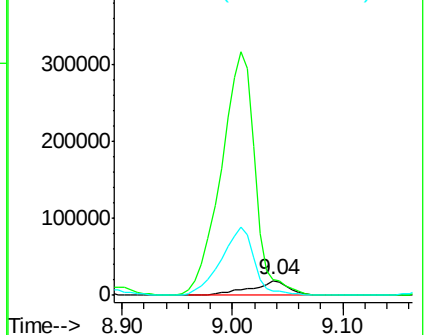
51 27.1 21.8 32.6



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG019418.D (-1047) (-)

Ion 51.00 (50.70 to 51.70): BG019418.D (-1047) (-)



#16

4-Methylphenol

Concen: 368.45 ng/ul

RT: 9.01 min Scan# 1050

Delta R.T. 0.02 min

Lab File: BG019419.D

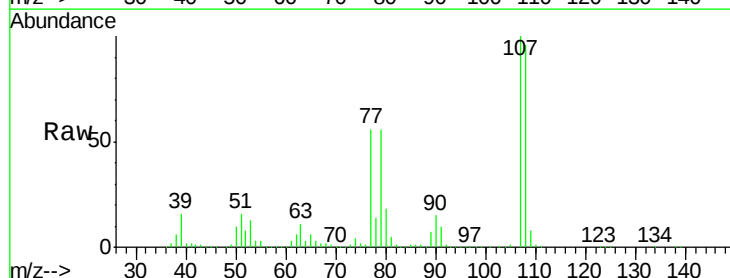
Acq: 29 Oct 2015 16:11

Tgt Ion:108 Resp: 1139573

Ion Ratio Lower Upper

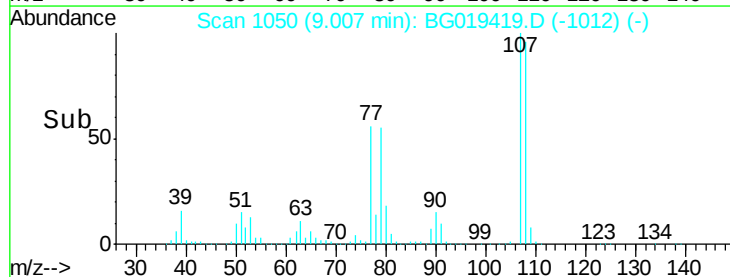
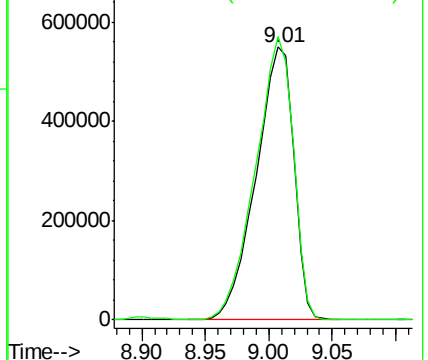
108 100

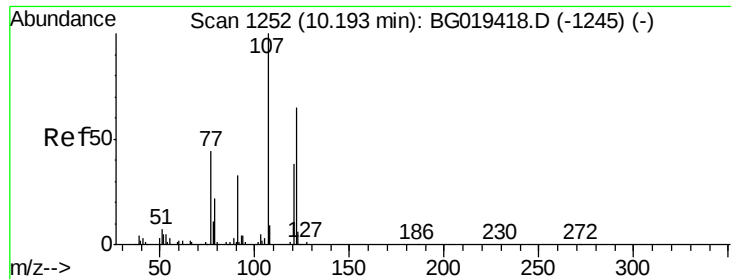
107 103.8 85.4 128.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): BG019418.D (-1038) (-)

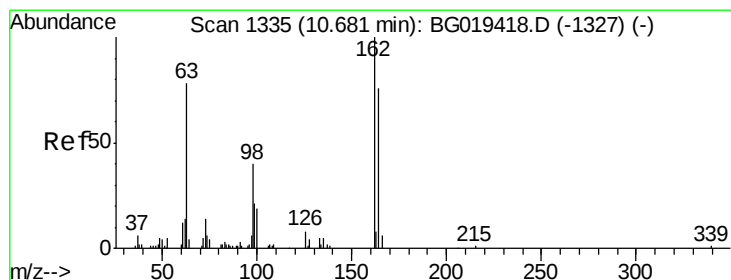
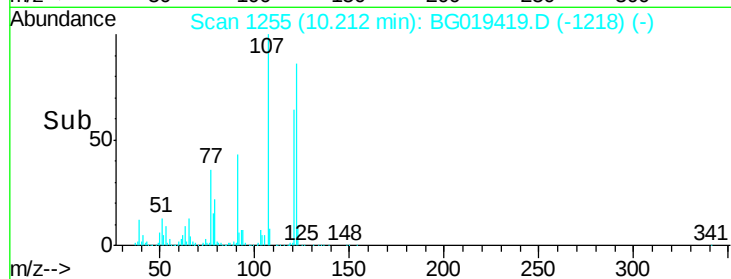
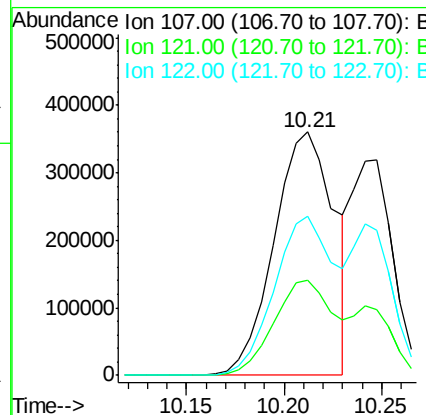
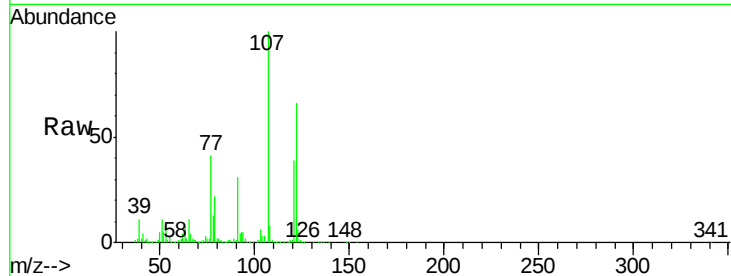




#24
2,4-Dimethylphenol
Concen: 188.54 ng/ul
RT: 10.21 min Scan# 1255
Delta R.T. 0.02 min
Lab File: BG019419.D
Acq: 29 Oct 2015 16:11

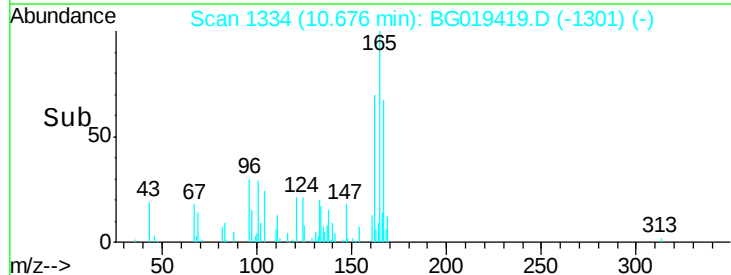
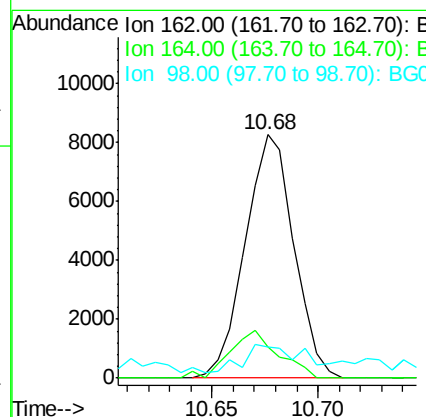
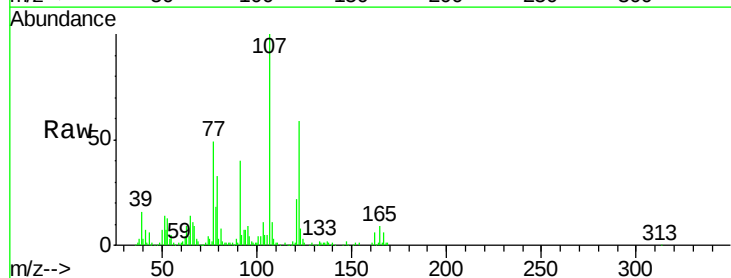
Instrument :
BNA_G
ClientSampleId :
E5LS4DL

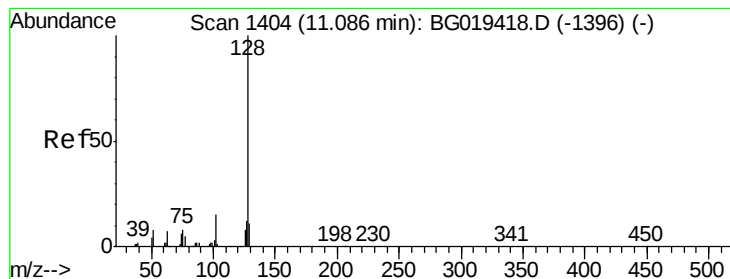
Tgt Ion:107 Resp: 767513
Ion Ratio Lower Upper
107 100
121 39.0 33.0 49.4
122 65.6 54.2 81.2



#27
2,4-Dichlorophenol
Concen: 4.65 ng/ul
RT: 10.68 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG019419.D
Acq: 29 Oct 2015 16:11

Tgt Ion:162 Resp: 13231
Ion Ratio Lower Upper
162 100
164 13.1 52.1 78.1#
98 13.0 26.9 40.3#





#28

Naphthalene

Concen: 43.46 ng/ul

RT: 11.09 min Scan# 1405

Delta R.T. 0.01 min

Lab File: BG019419.D

Acq: 29 Oct 2015 16:11

Instrument :

BNA_G

ClientSampleId :

E5LS4DL

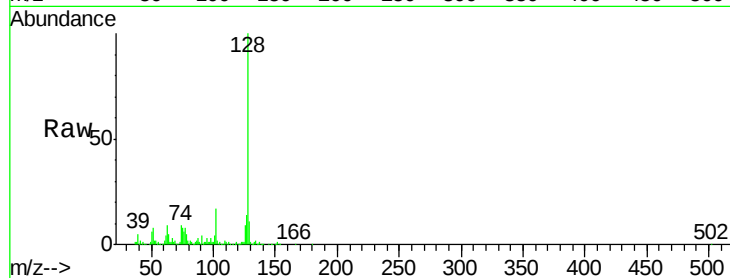
Tgt Ion:128 Resp: 341976

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

127 14.0 13.1 19.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

250000

200000

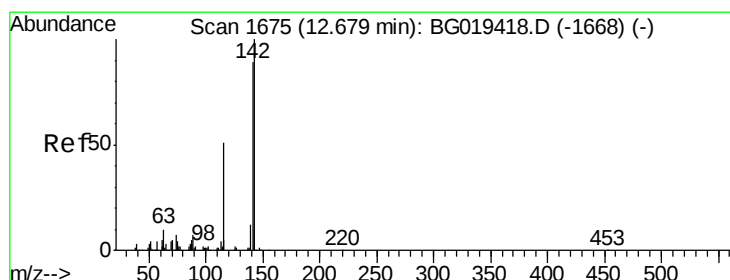
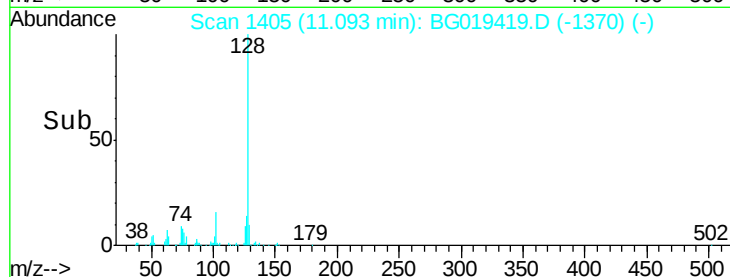
150000

100000

50000

0

Time--> 11.00 11.05 11.10 11.15



#34

2-Methylnaphthalene

Concen: 6.77 ng/ul

RT: 12.68 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BG019419.D

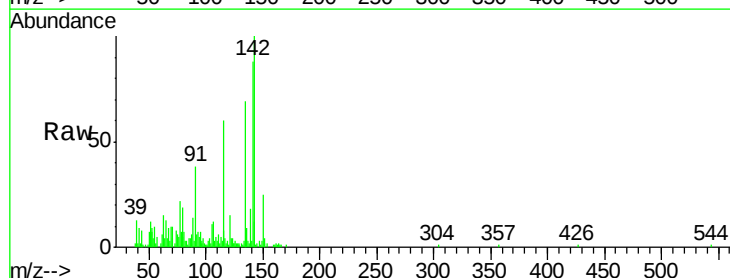
Acq: 29 Oct 2015 16:11

Tgt Ion:142 Resp: 42790

Ion Ratio Lower Upper

142 100

141 88.4 73.4 110.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

30000

25000

20000

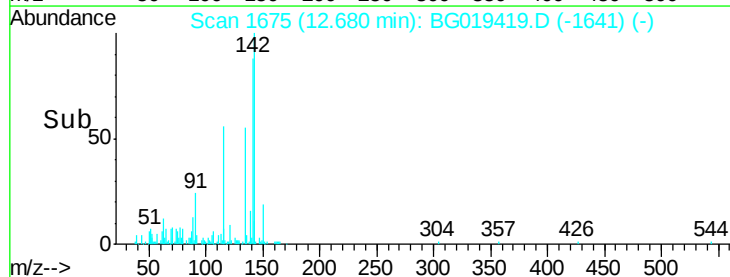
15000

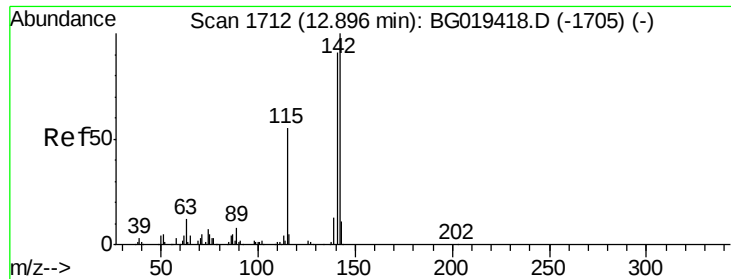
10000

5000

0

Time--> 12.65 12.70





#35

1-Methylnaphthalene

Concen: 5.18 ng/ul

RT: 12.90 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BG019419.D

Acq: 29 Oct 2015 16:11

Instrument :

BNA_G

ClientSampleId :

E5LS4DL

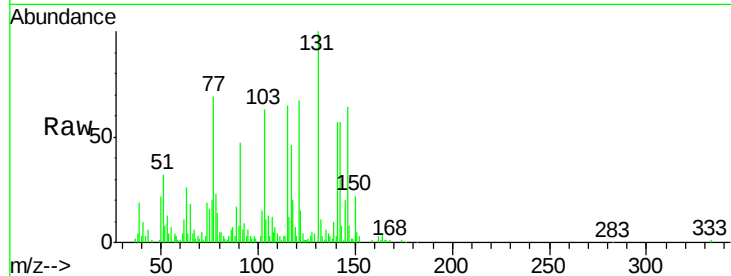
Tgt Ion:142 Resp: 31011

Ion Ratio Lower Upper

142 100

141 100.1 76.5 114.7

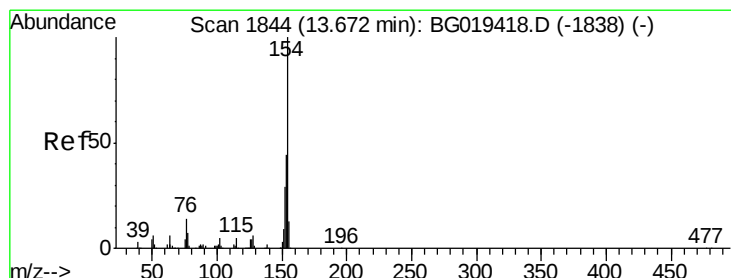
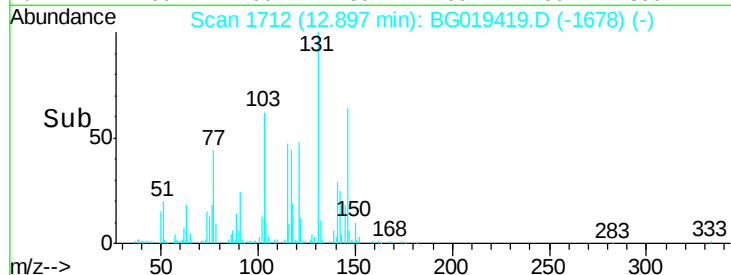
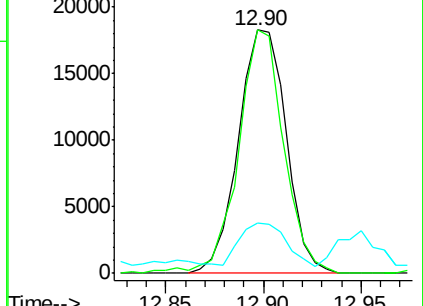
116 20.7 5.4 8.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#41

1,1'-Biphenyl

Concen: 1.35 ng/ul

RT: 13.67 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BG019419.D

Acq: 29 Oct 2015 16:11

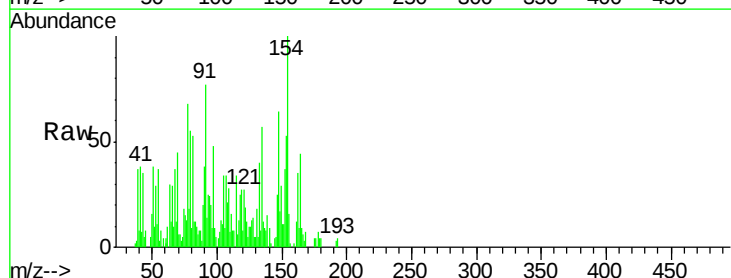
Tgt Ion:154 Resp: 11374

Ion Ratio Lower Upper

154 100

153 53.2 32.8 49.2#

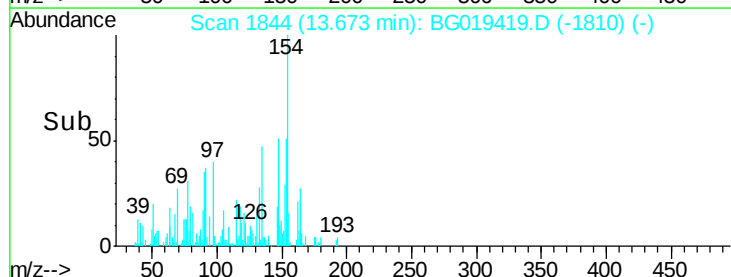
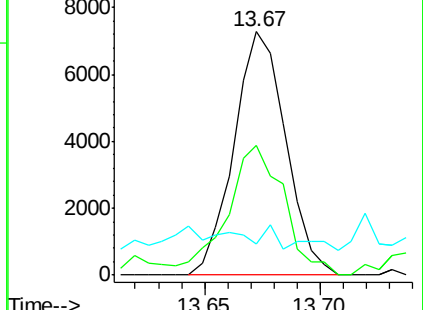
76 13.0 7.7 11.5#

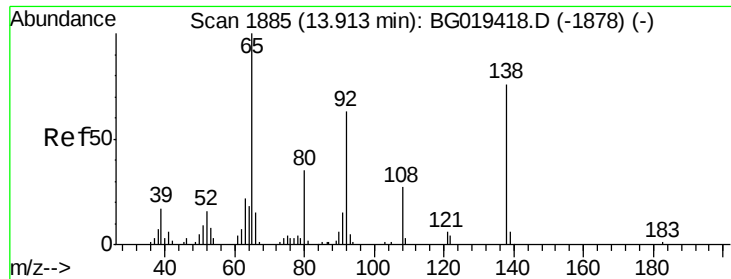


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#43

2-Nitroaniline

Concen: 1.07 ng/ul

RT: 13.92 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BG019419.D

Acq: 29 Oct 2015 16:11

Instrument :

BNA_G

ClientSampleId :

E5LS4DL

Tgt Ion: 65 Resp: 3004

Ion Ratio Lower Upper

65 100

92 34.9 54.9 82.3#

138 38.6 64.4 96.6#

