

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072318\
 Data File : BG035832.D
 Acq On : 23 Jul 2018 17:55
 Operator : JU/SJ
 Sample : J3357-12DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW1DL

Quant Time: Jul 24 01:32:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46445	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	173842	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	118058	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	357681	20.00	ng	0.00
75) Chrysene-d12	21.66	240	417226	20.00	ng	0.00
86) Perylene-d12	24.86	264	407578	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	97065	34.70	ng	0.00
7) Phenol-d6	7.19	99	85692	20.53	ng	0.00
23) Nitrobenzene-d5	9.19	82	205883	49.47	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	139771	89.82	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	490418	55.65	ng	0.00
78) Terphenyl-d14	20.00	244	999710	52.82	ng	0.00

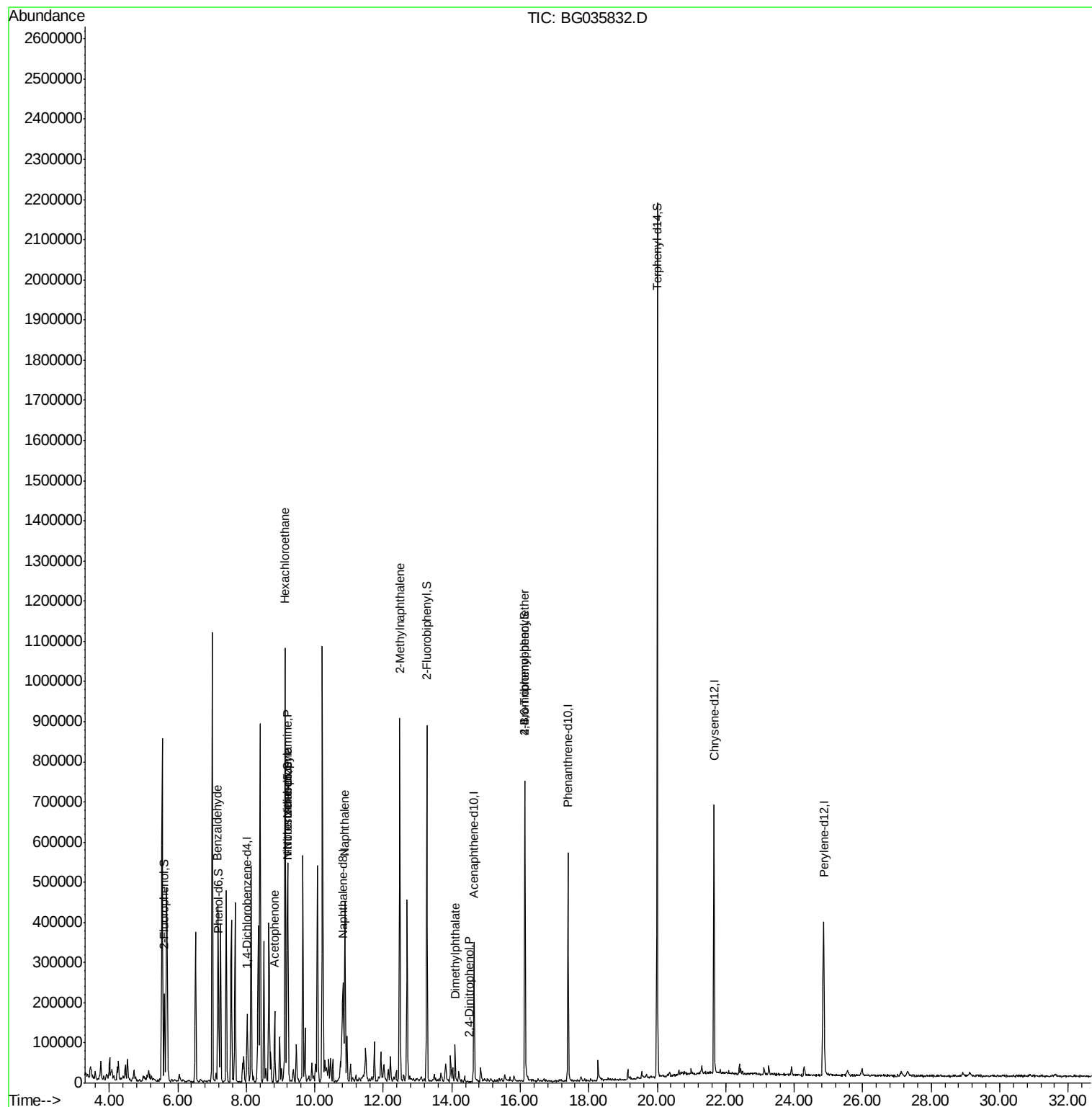
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.17	77	36376	14.204	ng	# 1
18) Hexachloroethane	9.13	117	126751	94.960	ng	# 1
19) n-Nitroso-di-n-propylamine	9.19	70	27648	7.866	ng	# 71
22) Acetophenone	8.83	105	124607	23.050	ng	# 54
24) Nitrobenzene	9.22	77	22013	5.260	ng	# 10
31) Naphthalene	10.88	128	289151	31.931	ng	# 97
37) 2-Methylnaphthalene	12.48	142	419344	62.157	ng	# 92
49) Dimethylphthalate	14.10	163	61531	5.949	ng	# 97
53) 2,4-Dinitrophenol	14.51	184	78	6.648	ng	# 1
66) 4-Bromophenyl-phenylether	16.14	248	11209	2.701	ng	# 1

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

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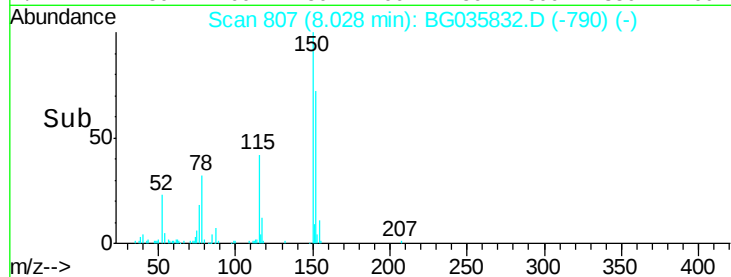
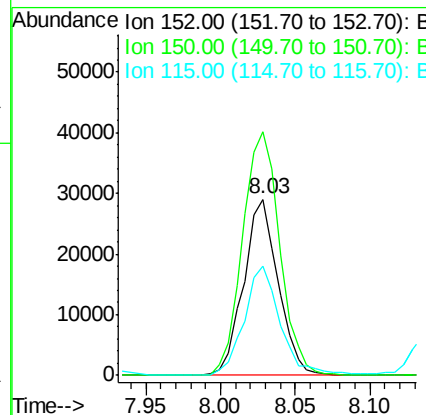
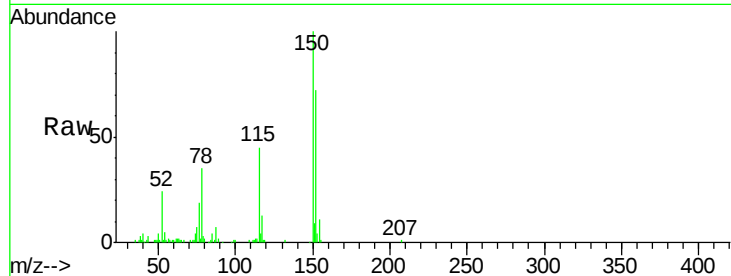


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035832.D
Acq: 23 Jul 2018 17:55

Instrument :
BNA_G
ClientSampleId :
MW1DL

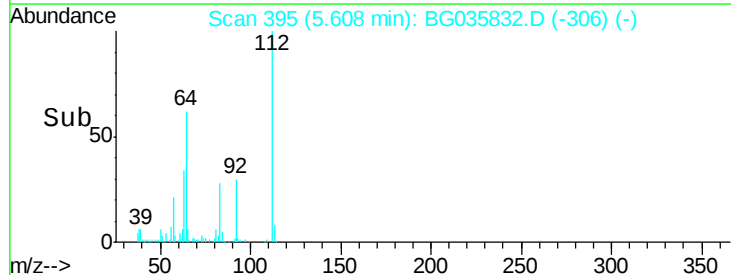
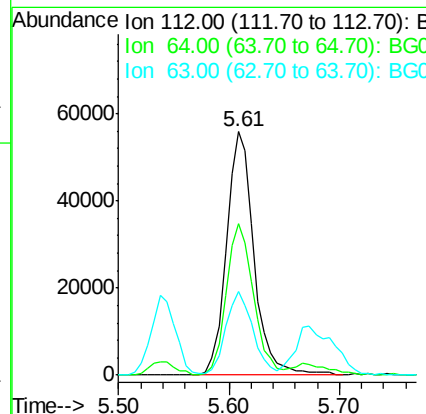
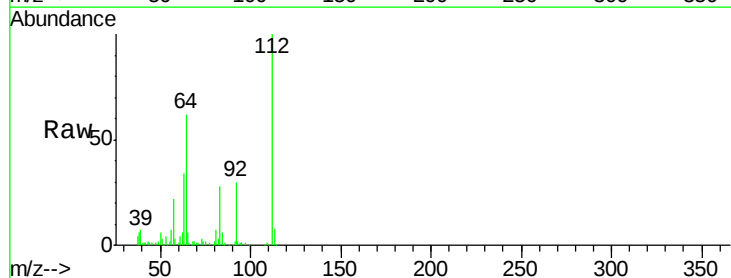
Tgt Ion:152 Resp: 46445
Ion Ratio Lower Upper
152 100
150 138.1 126.6 189.8
115 61.6 53.0 79.4

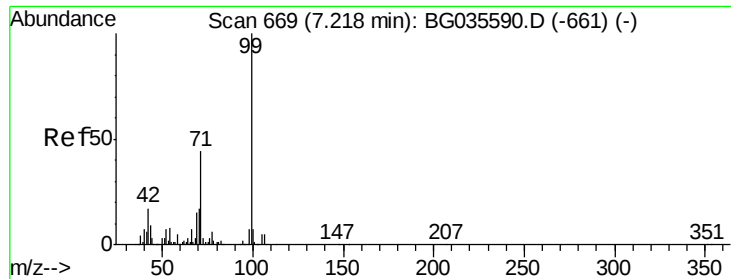


#5

2-Fluorophenol
Concen: 34.697 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG035832.D
Acq: 23 Jul 2018 17:55

Tgt Ion:112 Resp: 97065
Ion Ratio Lower Upper
112 100
64 62.3 56.3 84.5
63 34.3 30.1 45.1





#7

Phenol-d6

Concen: 20.531 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035832.D

Acq: 23 Jul 2018 17:55

Instrument :

BNA_G

ClientSampleId :

MW1DL

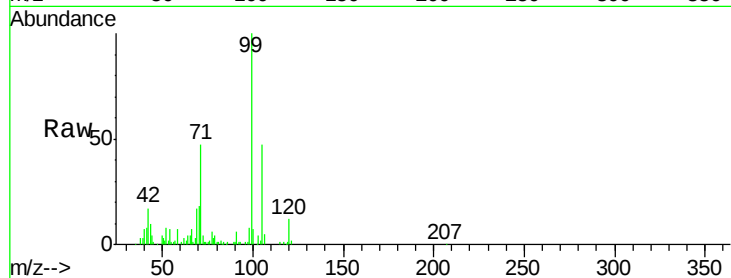
Tgt Ion: 99 Resp: 85692

Ion Ratio Lower Upper

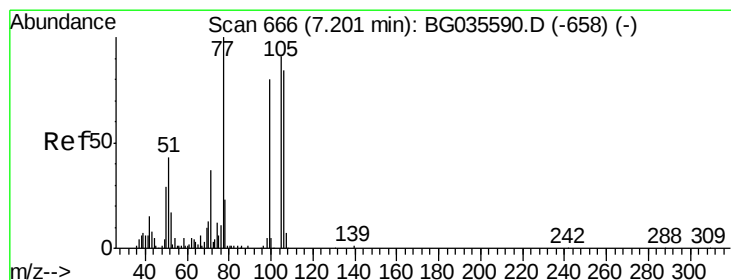
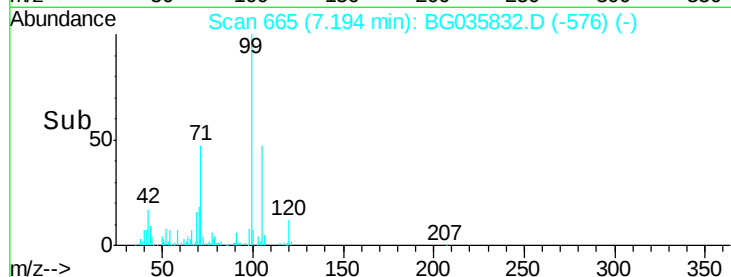
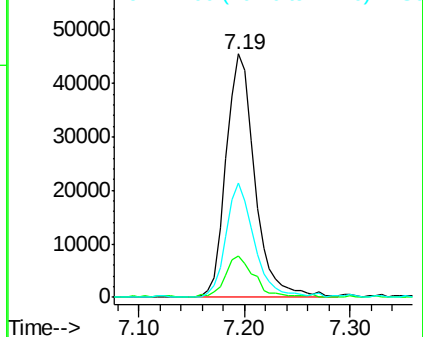
99 100

42 17.0 14.1 21.1

71 47.1 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 14.204 ng

RT: 7.17 min Scan# 661

Delta R.T. 0.00 min

Lab File: BG035832.D

Acq: 23 Jul 2018 17:55

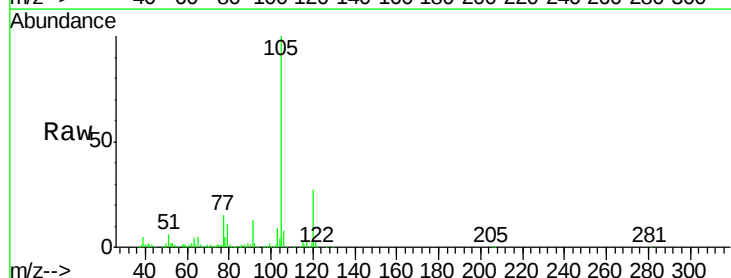
Tgt Ion: 77 Resp: 36376

Ion Ratio Lower Upper

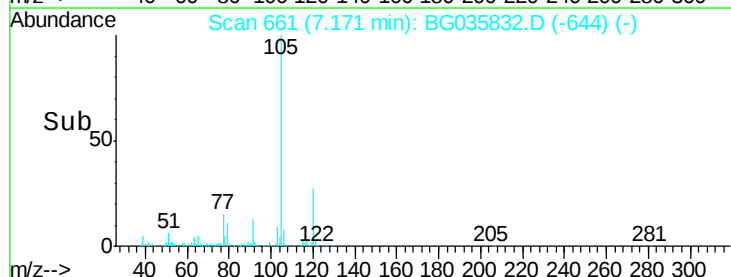
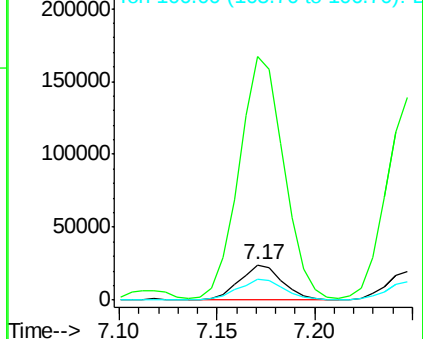
77 100

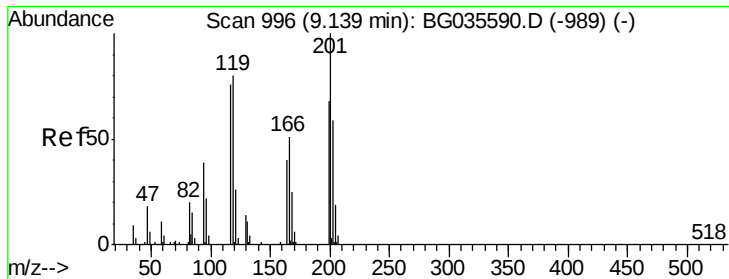
105 686.4 71.3 111.3#

106 57.7 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#18

Hexachloroethane

Concen: 94.960 ng

RT: 9.13 min Scan# 995

Delta R.T. 0.02 min

Lab File: BG035832.D

Acq: 23 Jul 2018 17:55

Instrument :

BNA_G

ClientSampleId :

MW1DL

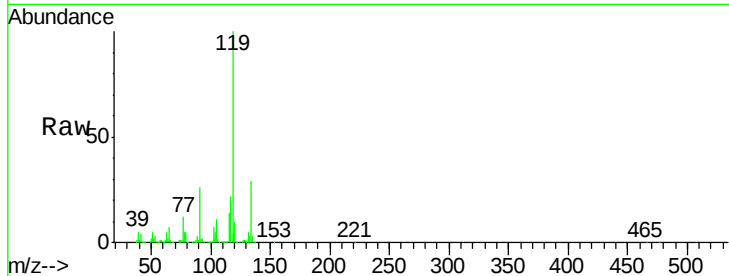
Tgt Ion:117 Resp: 126751

Ion Ratio Lower Upper

117 100

119 458.4 76.7 115.1#

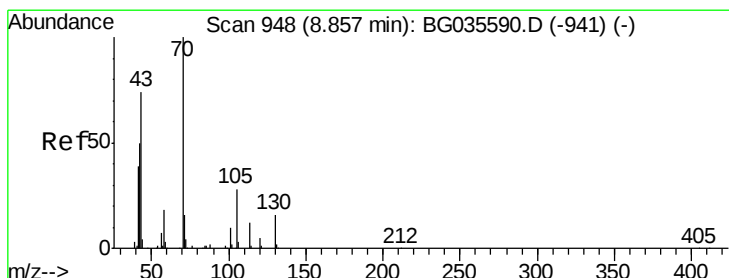
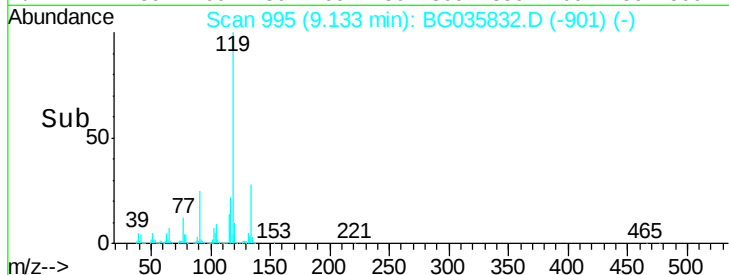
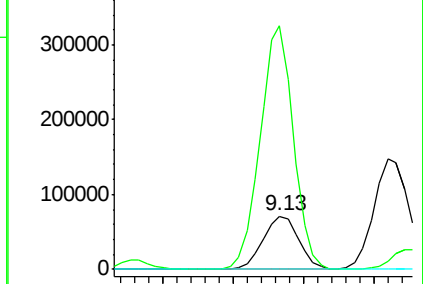
201 0.0 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 7.866 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.36 min

Lab File: BG035832.D

Acq: 23 Jul 2018 17:55

Tgt Ion: 70 Resp: 27648

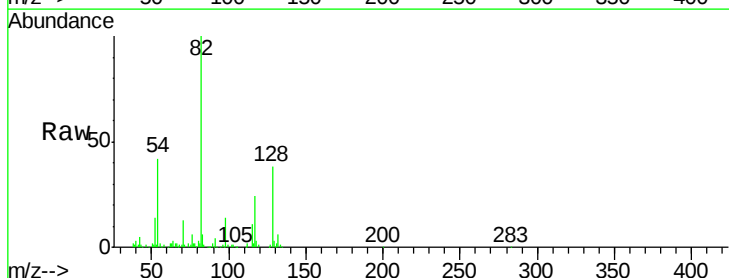
Ion Ratio Lower Upper

70 100

42 39.8 49.1 73.7#

101 0.0 8.5 12.7#

130 3.4 13.4 20.0#

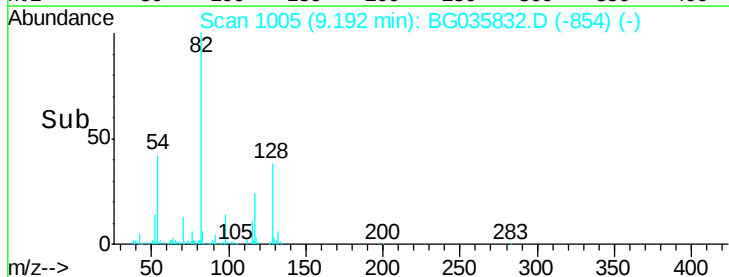
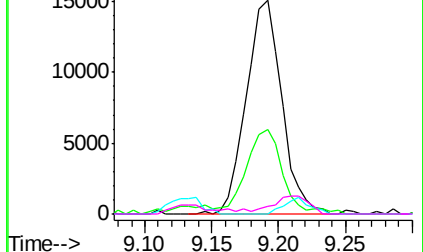


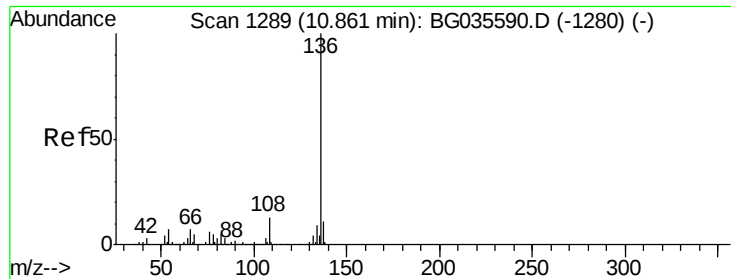
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

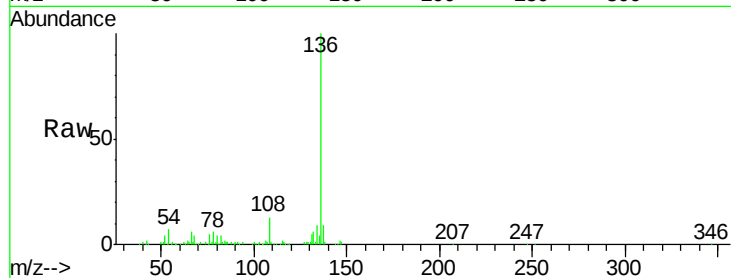




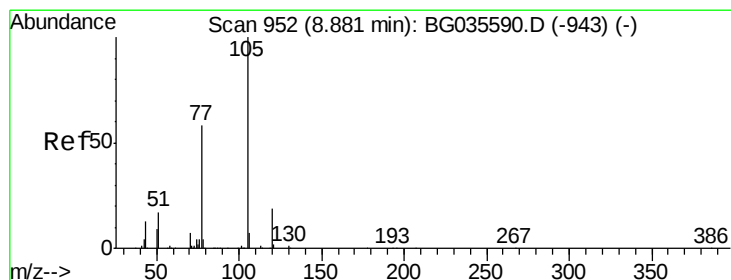
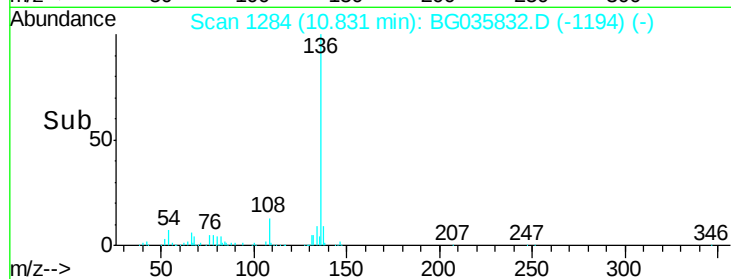
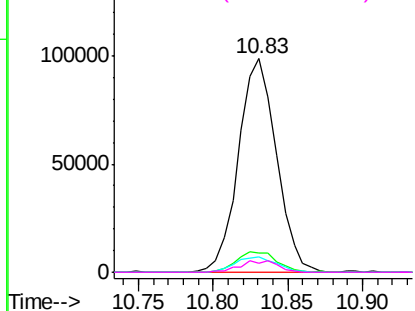
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035832.D
Acq: 23 Jul 2018 17:55

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	136	Resp:	173842
Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.2	13.8#
54	7.3	10.3	15.5#
68	4.5	4.5	6.7#

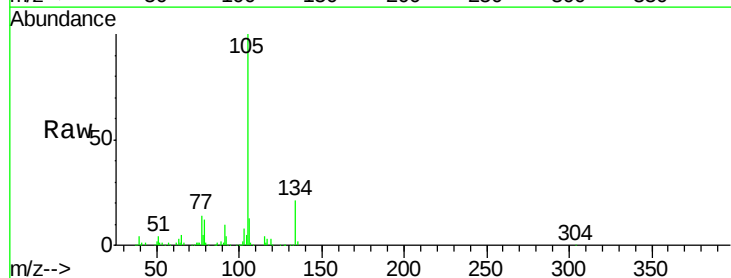


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

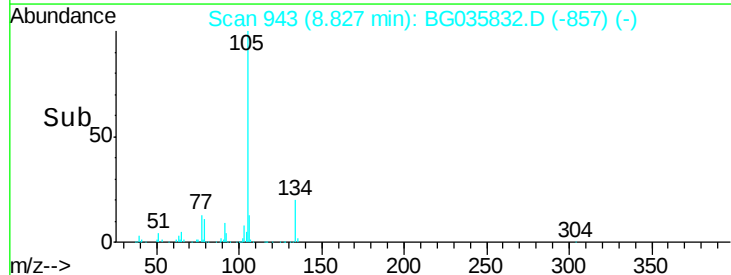
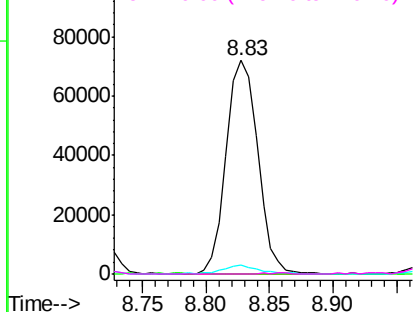


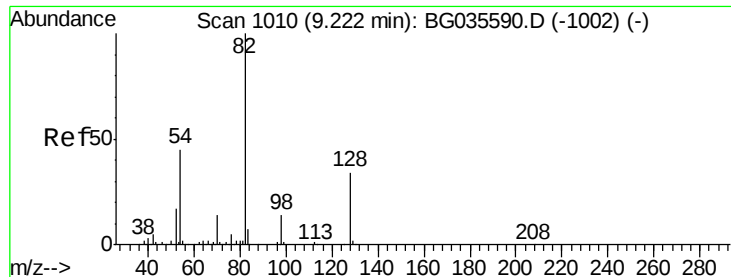
#22
Acetophenone
Concen: 23.050 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG035832.D
Acq: 23 Jul 2018 17:55

Tgt Ion:	105	Resp:	124607
Ion	Ratio	Lower	Upper
105	100		
71	0.2	3.0	4.4#
51	4.5	26.1	39.1#
120	0.2	17.4	26.2#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

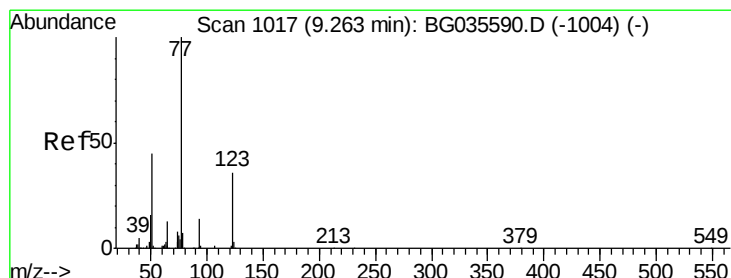
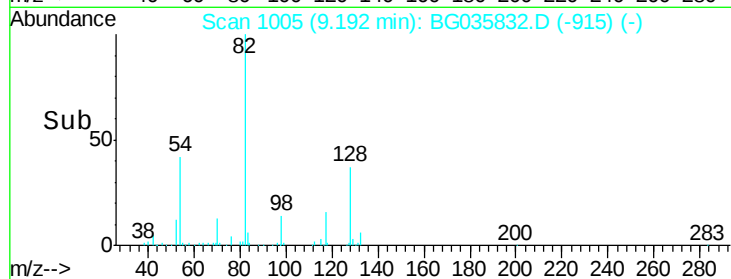
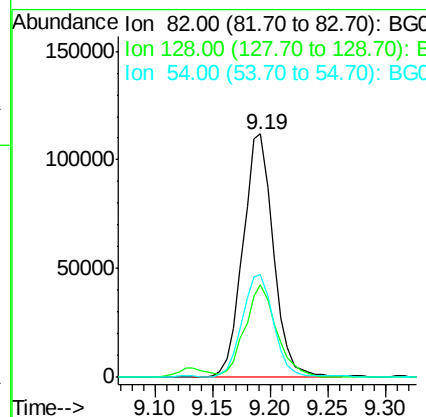
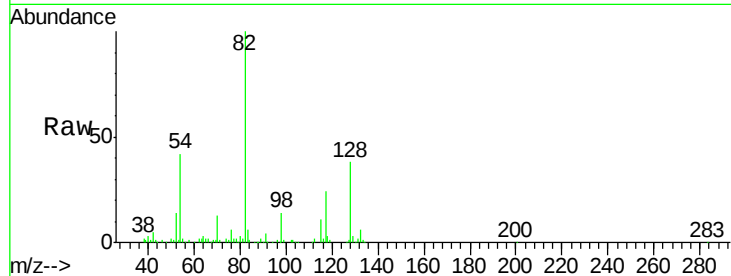




#23
 Nitrobenzene-d5
 Concen: 49.474 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG035832.D
 Acq: 23 Jul 2018 17:55

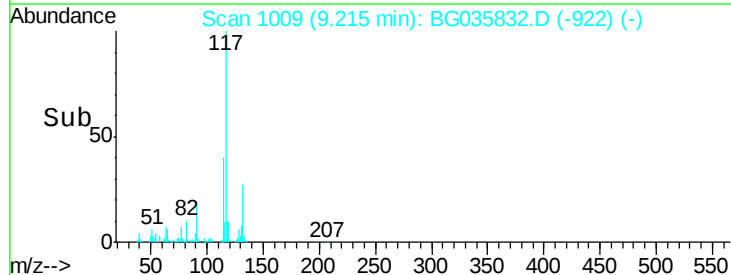
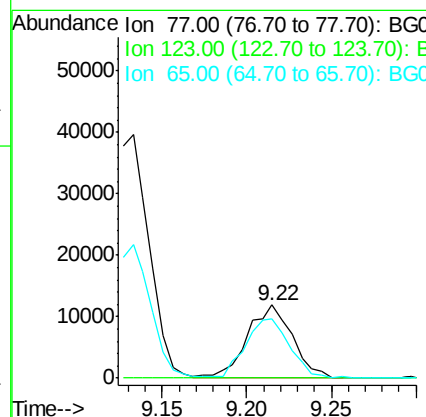
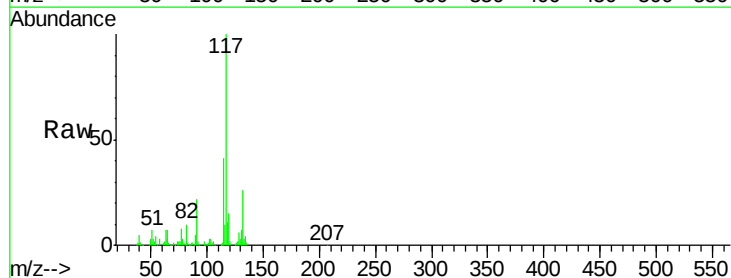
Instrument :
 BNA_G
 ClientSampled :
 MW1DL

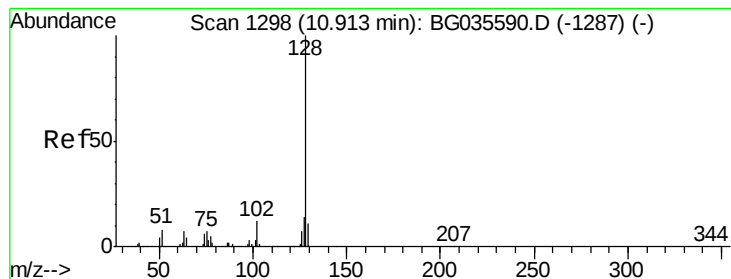
Tgt Ion: 82 Resp: 205883
 Ion Ratio Lower Upper
 82 100
 128 37.8 29.7 44.5
 54 42.1 43.1 64.7#



#24
 Nitrobenzene
 Concen: 5.260 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035832.D
 Acq: 23 Jul 2018 17:55

Tgt Ion: 77 Resp: 22013
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 81.2 13.0 19.6#





#31

Naphthalene

Concen: 31.931 ng

RT: 10.88 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BG035832.D

Acq: 23 Jul 2018 17:55

Instrument :

BNA_G

ClientSampleId :

MW1DL

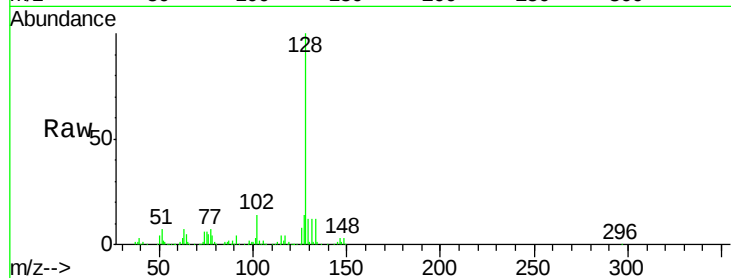
Tgt Ion:128 Resp: 289151

Ion Ratio Lower Upper

128 100

129 12.4 8.6 12.8

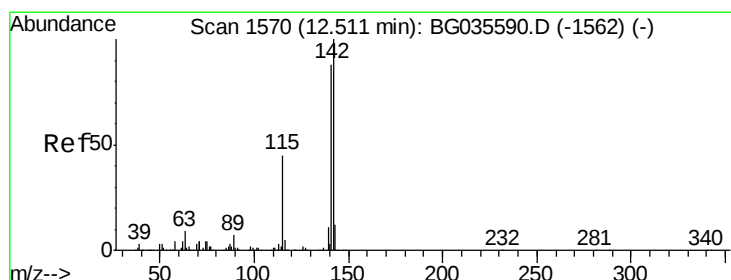
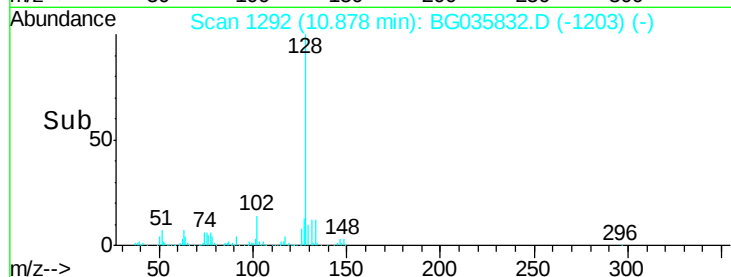
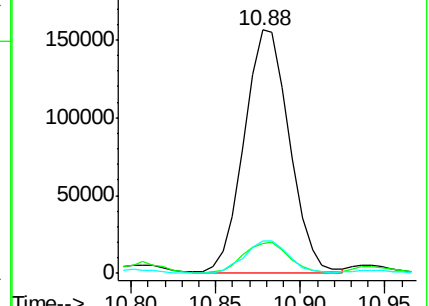
127 13.5 11.6 17.4



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



#37

2-Methylnaphthalene

Concen: 62.157 ng

RT: 12.48 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BG035832.D

Acq: 23 Jul 2018 17:55

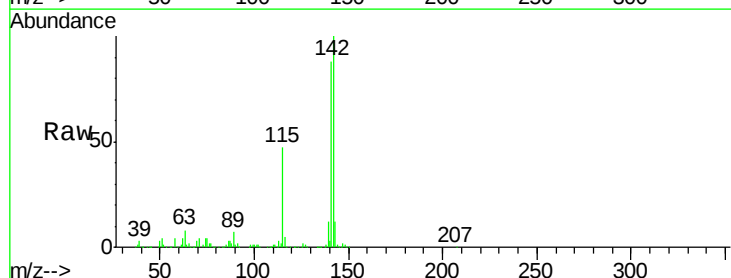
Tgt Ion:142 Resp: 419344

Ion Ratio Lower Upper

142 100

141 88.2 67.1 100.7

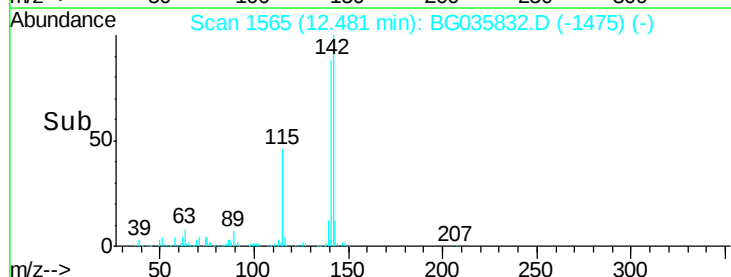
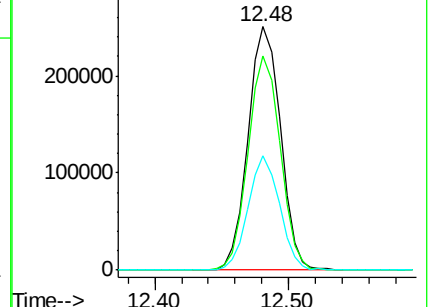
115 46.9 30.7 46.1#

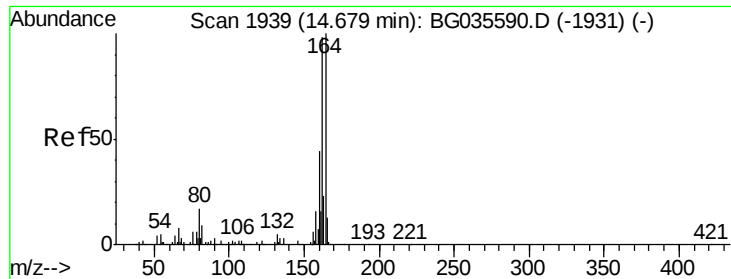


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG035832.D

Acq: 23 Jul 2018 17:55

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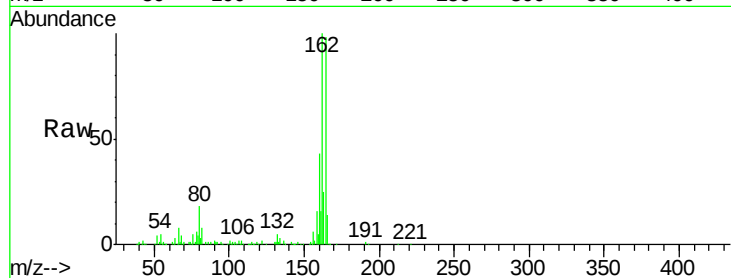
Tgt Ion:164 Resp: 118058

Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

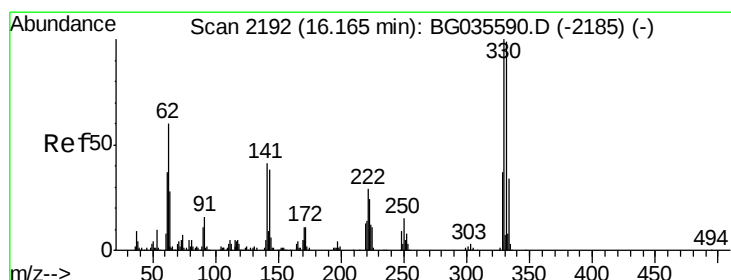
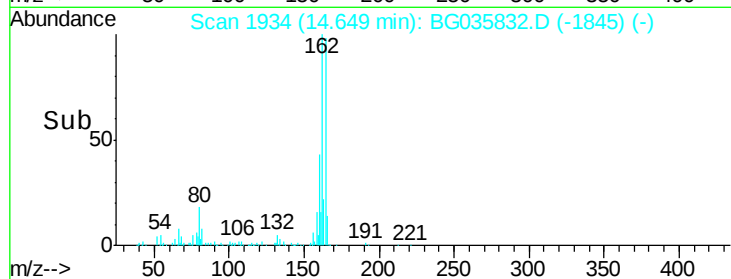
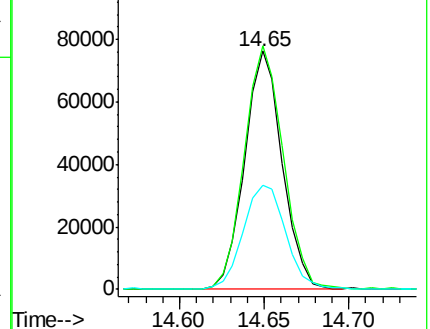
160 43.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 89.822 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG035832.D

Acq: 23 Jul 2018 17:55

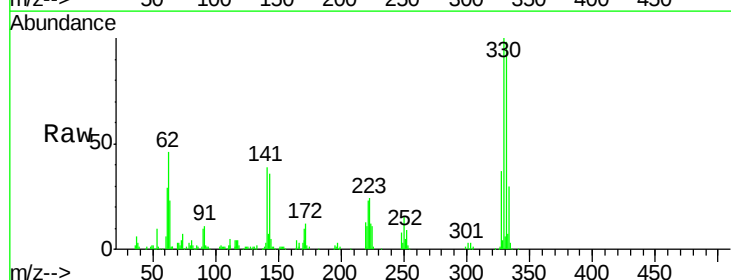
Tgt Ion:330 Resp: 139771

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

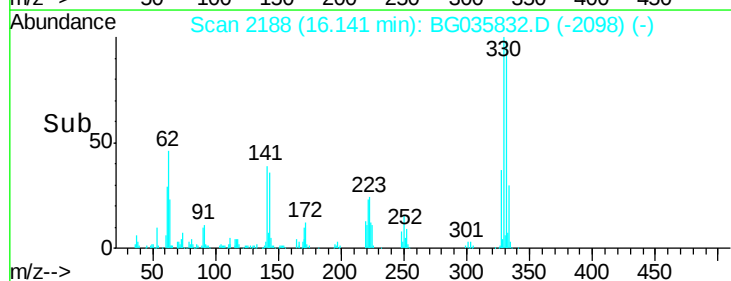
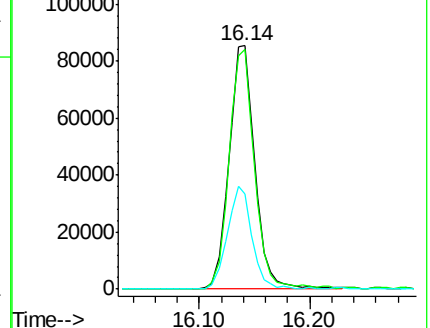
141 40.0 25.2 37.8#

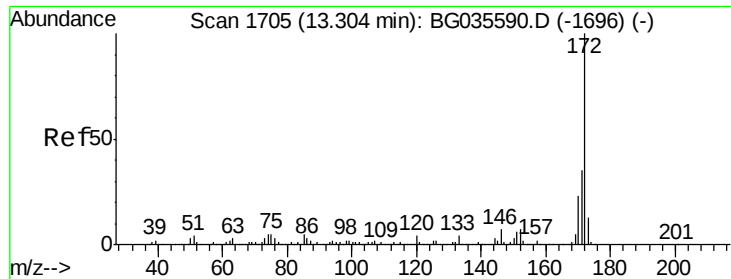


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

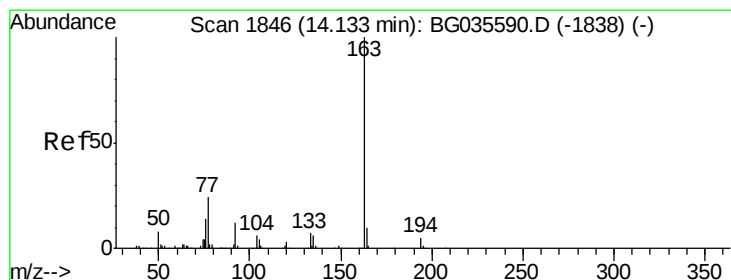
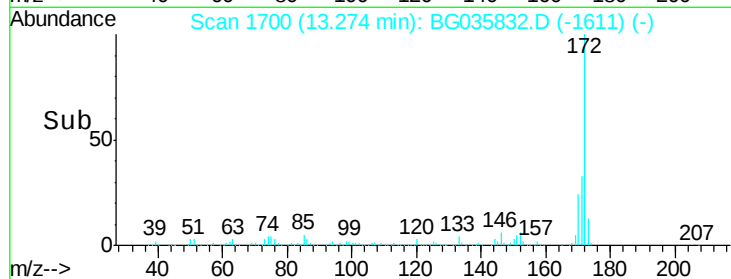
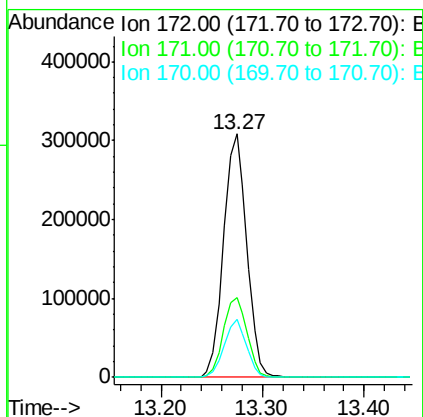
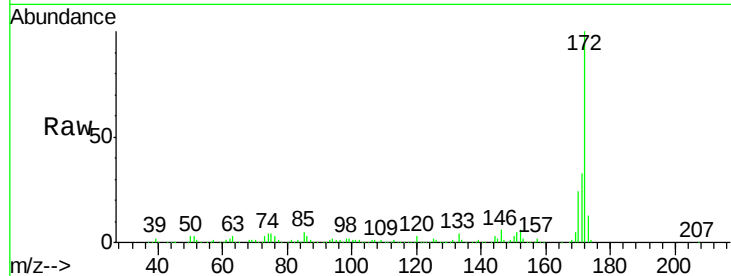




#44
 2-Fluorobiphenyl
 Concen: 55.653 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035832.D
 Acq: 23 Jul 2018 17:55

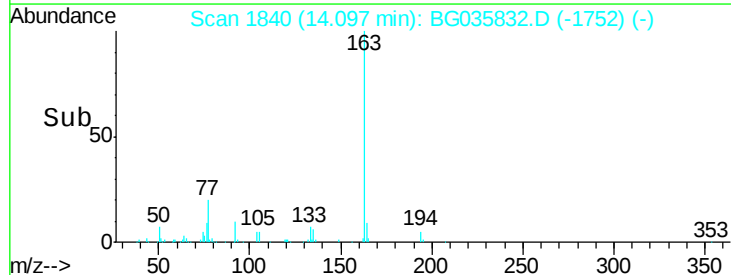
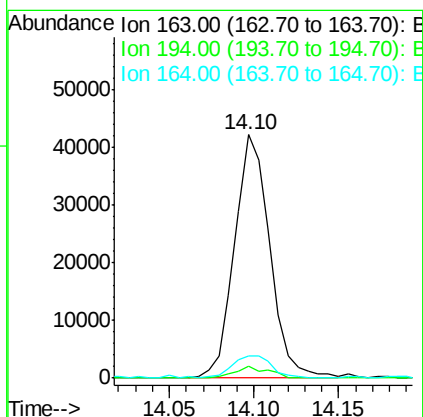
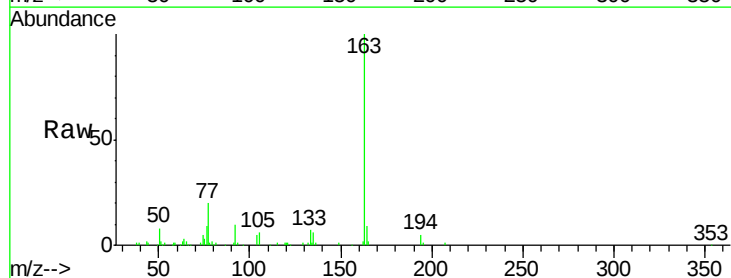
Instrument :
 BNA_G
 ClientSampleId :
 MW1DL

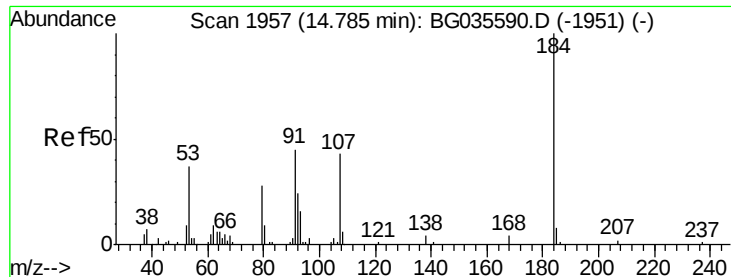
Tgt Ion:172 Resp: 490418
 Ion Ratio Lower Upper
 172 100
 171 32.6 30.0 45.0
 170 24.0 19.5 29.3



#49
 Dimethylphthalate
 Concen: 5.949 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG035832.D
 Acq: 23 Jul 2018 17:55

Tgt Ion:163 Resp: 61531
 Ion Ratio Lower Upper
 163 100
 194 4.9 3.4 5.2
 164 9.0 8.2 12.4

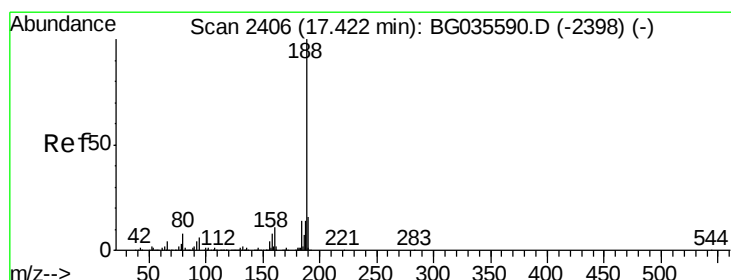
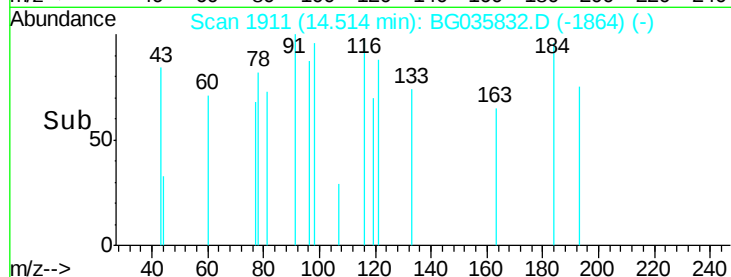
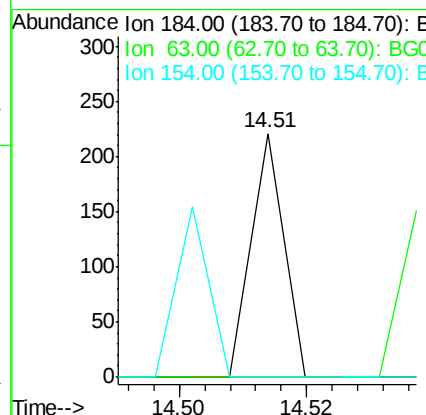
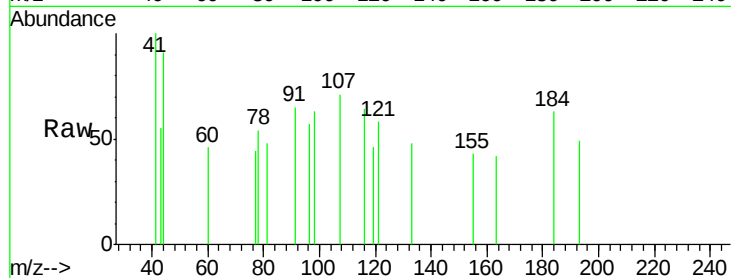




#53
 2,4-Dinitrophenol
 Concen: 6.648 ng
 RT: 14.51 min Scan# 1911
 Delta R.T. -0.25 min
 Lab File: BG035832.D
 Acq: 23 Jul 2018 17:55

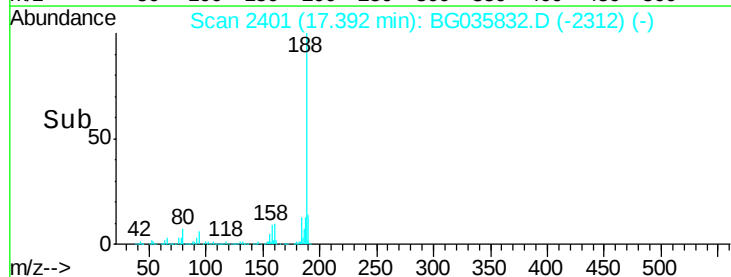
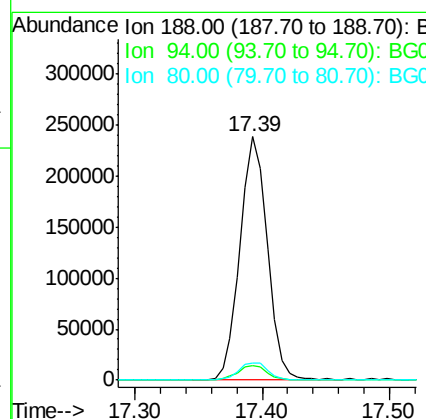
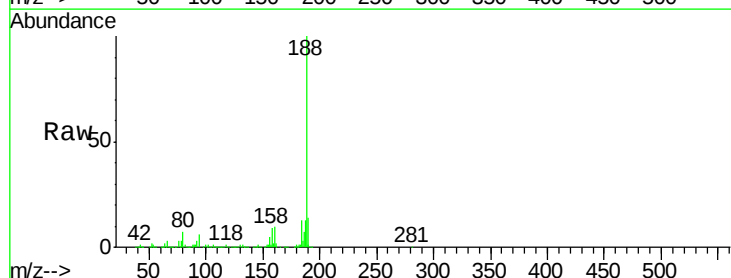
Instrument :
 BNA_G
 ClientSampleId :
 MW1DL

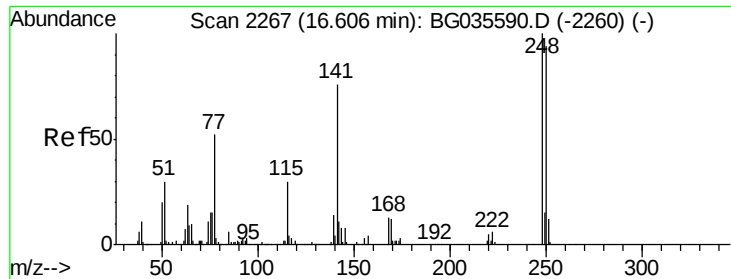
Tgt Ion:184 Resp: 78
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BG035832.D
 Acq: 23 Jul 2018 17:55

Tgt Ion:188 Resp: 357681
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 7.2 7.7 11.5#

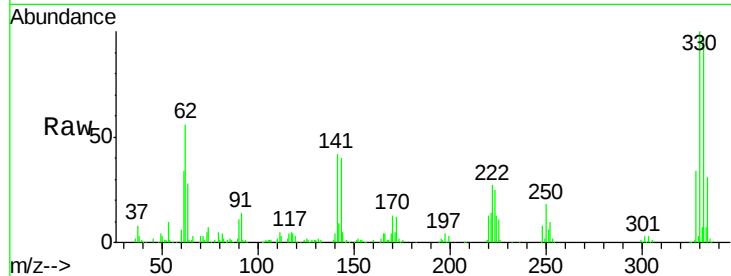




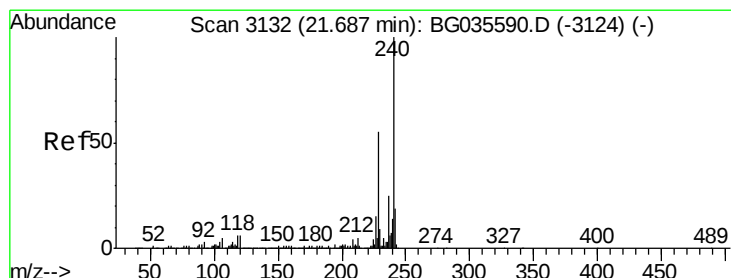
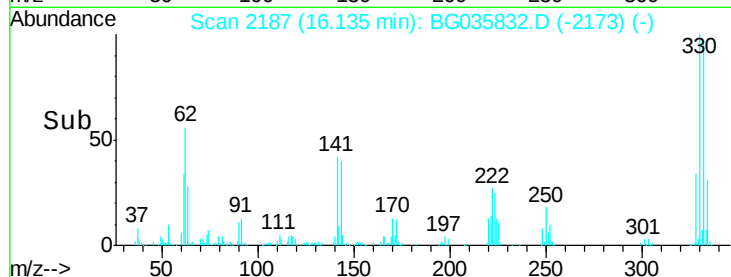
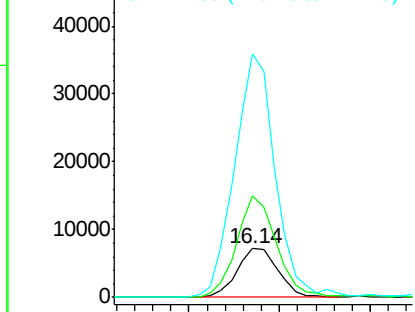
#66
4-Bromophenyl-phenylether
Concen: 2.701 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035832.D
Acq: 23 Jul 2018 17:55

Instrument :
BNA_G
ClientSampleId :
MW1DL

Tgt Ion:248 Resp: 11209
Ion Ratio Lower Upper
248 100
250 208.8 77.1 115.7#
141 497.9 50.8 76.2#

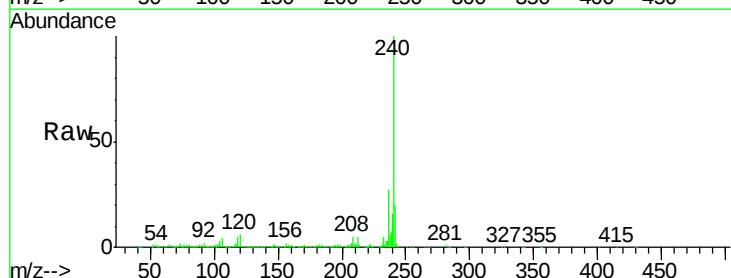


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

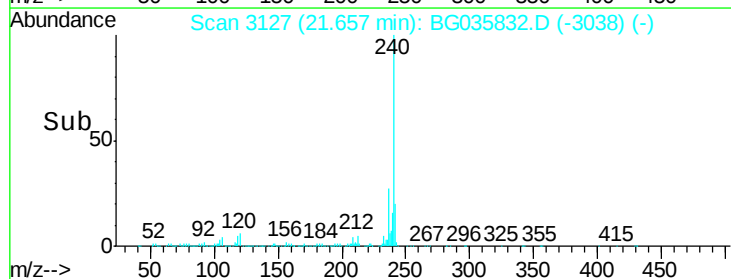
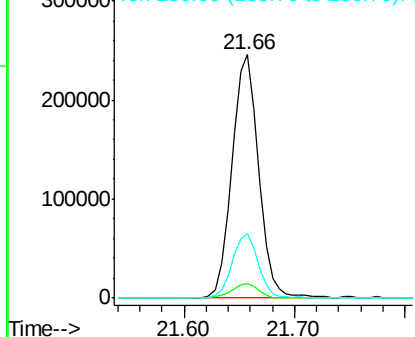


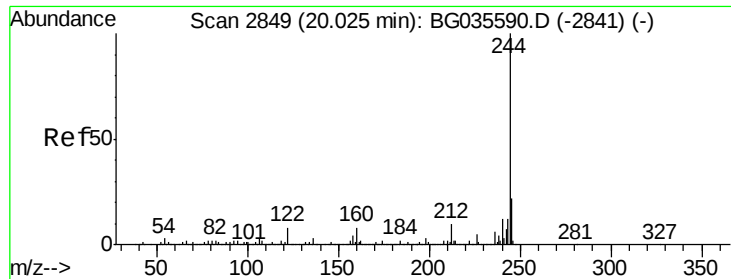
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG035832.D
Acq: 23 Jul 2018 17:55

Tgt Ion:240 Resp: 417226
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 26.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

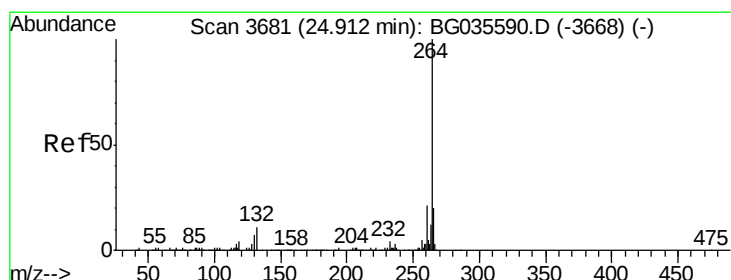
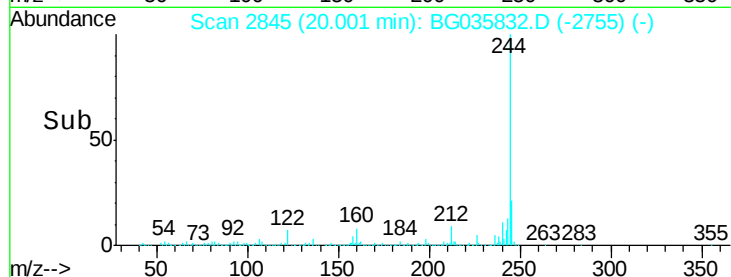
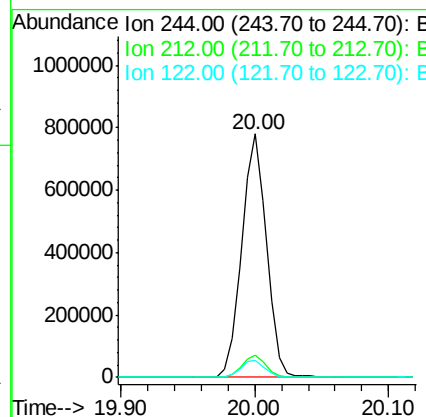
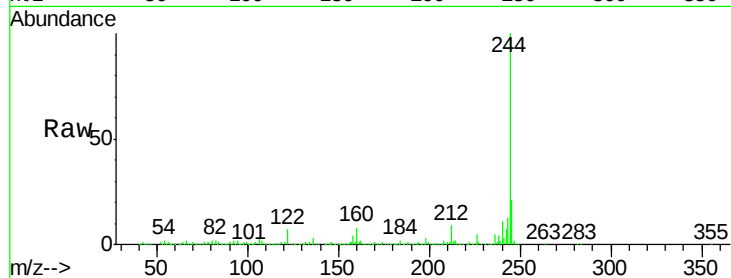




#78
 Terphenyl-d14
 Concen: 52.817 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG035832.D
 Acq: 23 Jul 2018 17:55

Instrument :
 BNA_G
 ClientSampleId :
 MW1DL

Tgt Ion:244 Resp: 999710
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 7.0 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. 0.00 min
 Lab File: BG035832.D
 Acq: 23 Jul 2018 17:55

Tgt Ion:264 Resp: 407578
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.4 26.0
 265 22.1 17.7 26.5

