

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039026.D
 Acq On : 9 Jan 2019 18:31
 Operator : JU/SJ
 Sample : PB116250BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:20:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18005	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	71261	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	52871	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	152184	20.00	ng	0.00
76) Chrysene-d12	21.69	240	185191	20.00	ng	0.00
87) Perylene-d12	24.98	264	189365	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	114873	121.03	ng	0.00
7) Phenol-d6	7.19	99	156976	114.92	ng	0.00
23) Nitrobenzene-d5	9.21	82	93449	71.76	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	95378	107.62	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	277629	71.86	ng	0.00
79) Terphenyl-d14	20.02	244	706564	70.58	ng	0.00

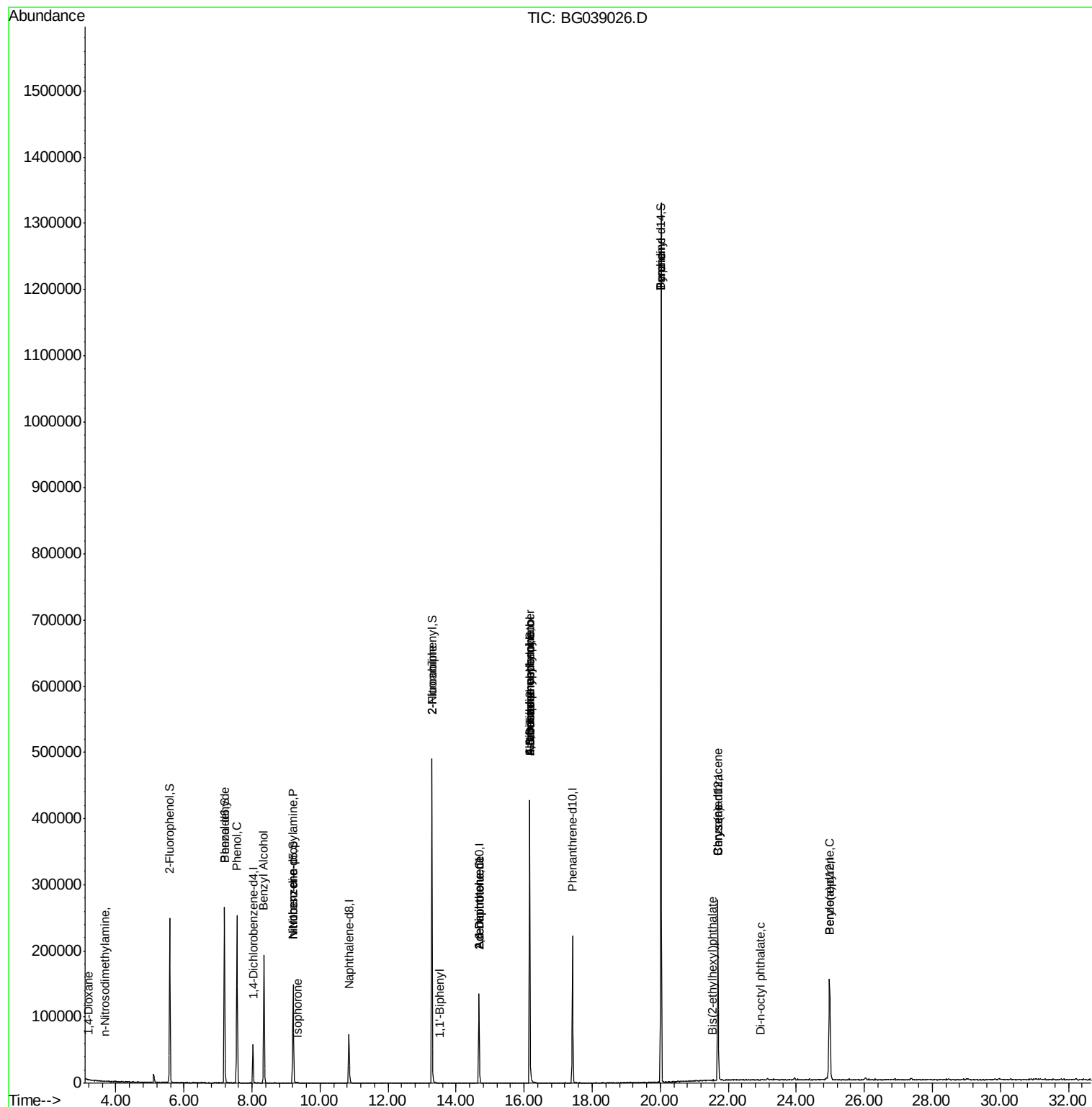
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	63	0.169	ng	# 1
4) n-Nitrosodimethylamine	3.69	42	58	0.128	ng	# 1
9) Benzaldehyde	7.19	77	213	0.270	ng	# 1
10) Phenol	7.56	94	68	0.050	ng	# 1
15) Benzyl Alcohol	8.35	79	1443	1.403	ng	# 53
19) n-Nitroso-di-n-propylamine	9.20	70	12031	13.413	ng	# 63
24) Nitrobenzene	9.20	77	91	0.069	ng	# 38
25) Isophorone	9.33	82	276	0.123	ng	# 62
46) 1,1'-Biphenyl	13.52	154	270	0.064	ng	# 41
48) 2-Nitroaniline	13.29	65	302	0.318	ng	# 1
51) 2,6-Dinitrotoluene	14.67	165	6705	6.712	ng	# 24
52) Acenaphthene	14.67	154	116	0.038	ng	# 6
57) 2,4-Dinitrotoluene	14.67	165	6705	4.679	ng	# 26
58) Fluorene	16.16	166	2786	0.685	ng	# 75
63) Azobenzene	16.17	77	335	0.093	ng	# 31
65) 4,6-Dinitro-2-methylphenol	16.15	198	219	0.194	ng	# 53
66) n-Nitrosodiphenylamine	16.17	169	3261	0.723	ng	# 54
67) 4-Bromophenyl-phenylether	16.17	248	6348	3.245	ng	# 1
77) Benzidine	20.02	184	10962	1.935	ng	# 90
78) Pyrene	20.02	202	2584	0.219	ng	# 84
81) Benzo(a)anthracene	21.69	228	322	0.029	ng	# 51
83) Chrysene	21.69	228	322	0.030	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.55	149	69	0.011	ng	# 49
85) Di-n-octyl phthalate	22.95	149	92	0.009	ng	# 1
90) Benzo(a)pyrene	24.97	252	741	0.073	ng	# 59

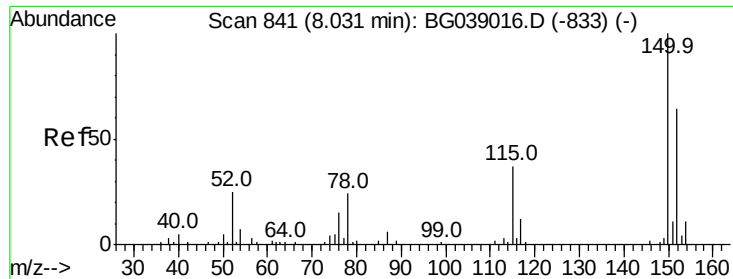
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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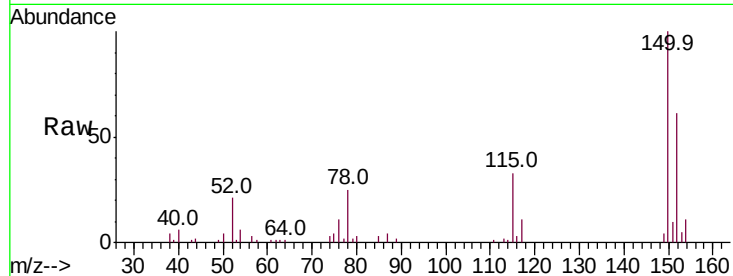


#1

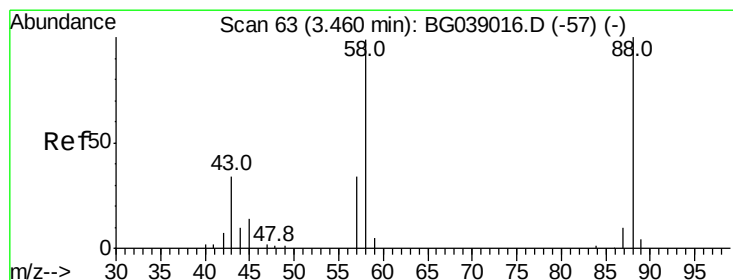
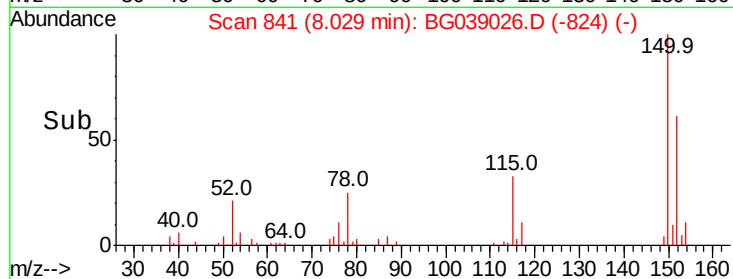
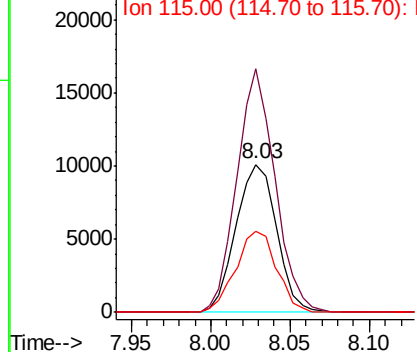
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 18005
Ion Ratio Lower Upper
152 100
150 164.4 124.7 187.1
115 54.9 46.5 69.7



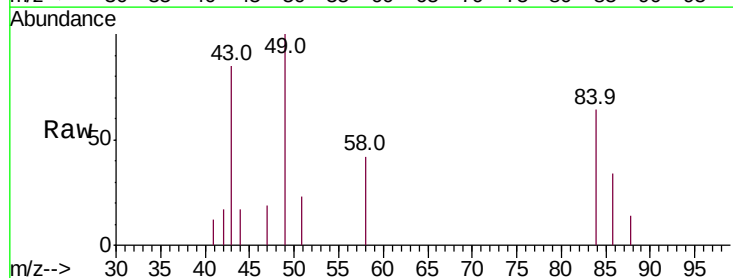
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



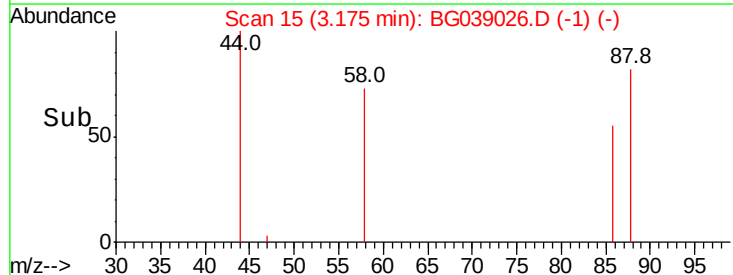
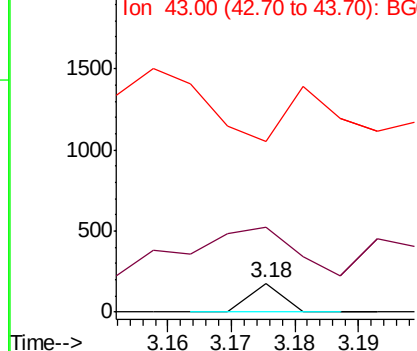
#2

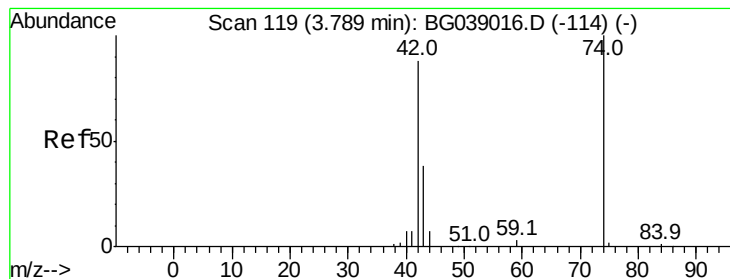
1,4-Dioxane
Concen: 0.169 ng
RT: 3.18 min Scan# 15
Delta R.T. -0.28 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
58 552.4 72.4 108.6#
43 0.0 27.6 41.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC



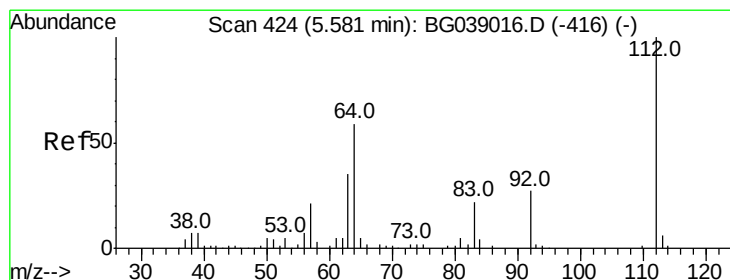
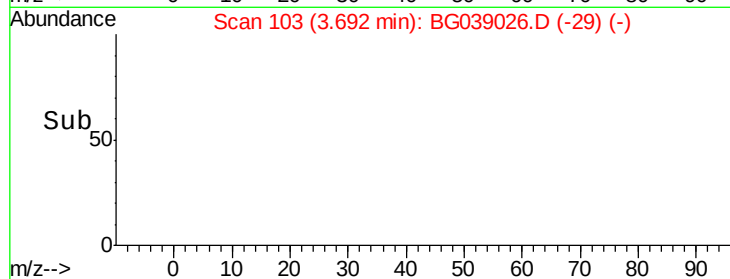
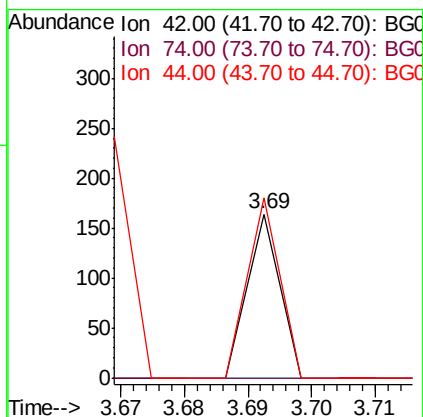
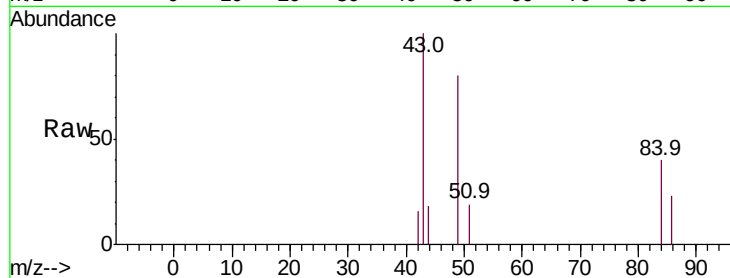


#4

n-Nitrosodimethylamine
 Concen: 0.128 ng
 RT: 3.69 min Scan# 103
 Delta R.T. -0.10 min
 Lab File: BG039026.D
 Acq: 9 Jan 2019 18:31

Instrument :
 BNA_G
 ClientSampleId :

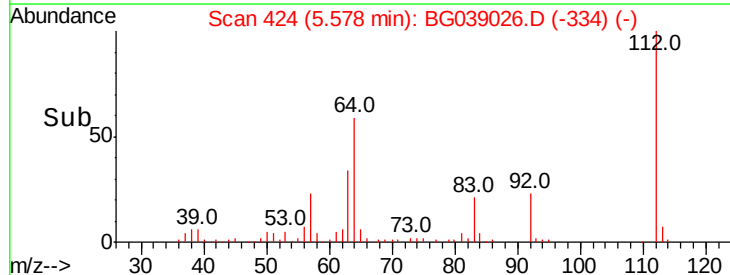
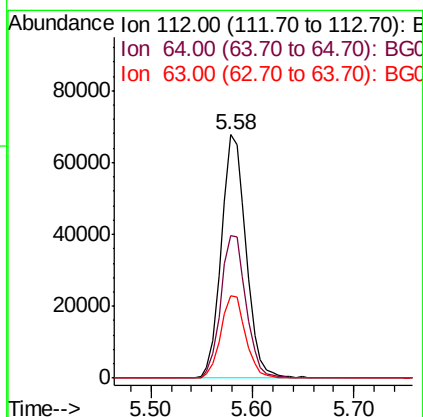
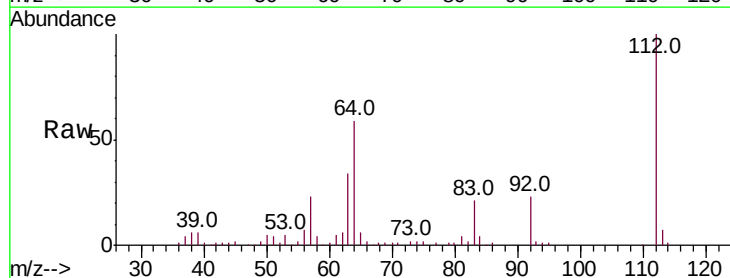
Tot Ion: 42 Resp: 58
 Ion Ratio Lower Upper
 42 100
 74 0.0 90.7 136.1#
 44 110.4 6.5 9.7#

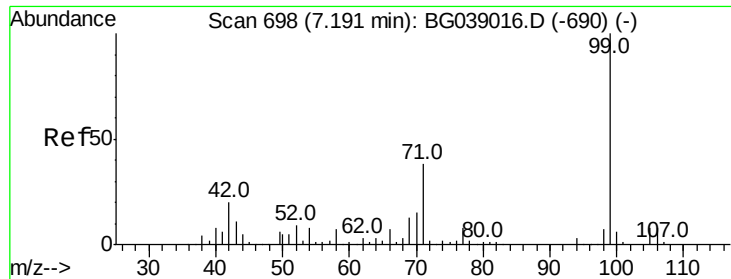


#5

2-Fluorophenol
 Concen: 121.029 ng
 RT: 5.58 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BG039026.D
 Acq: 9 Jan 2019 18:31

Tgt Ion: 112 Resp: 114873
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.0 70.6
 63 33.8 28.0 42.0





#7

Phenol-d6

Concen: 114.922 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampled :

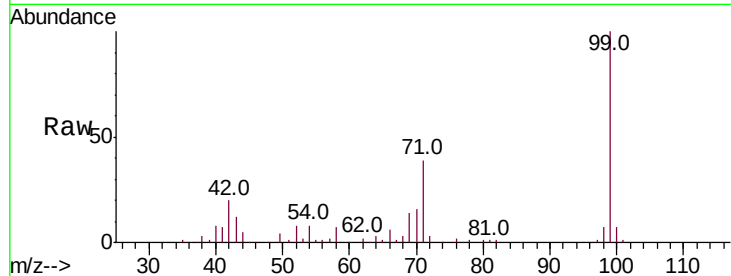
Tot Ion: 99 Resp: 156976

Ion Ratio Lower Upper

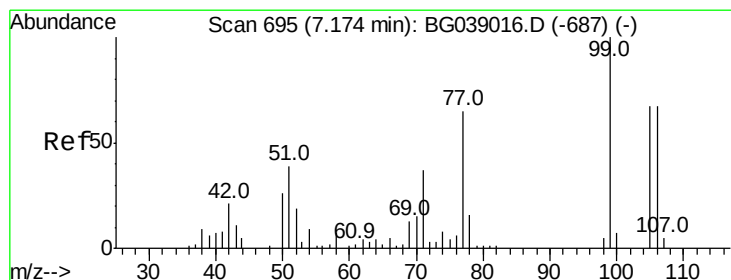
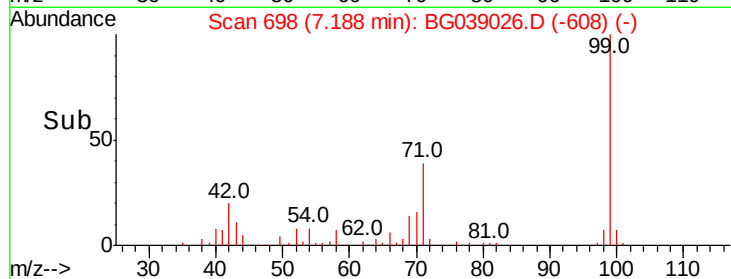
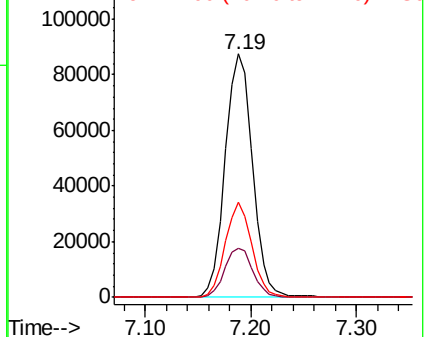
99 100

42 20.1 15.8 23.6

71 39.1 30.2 45.4



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: 0.270 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.02 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

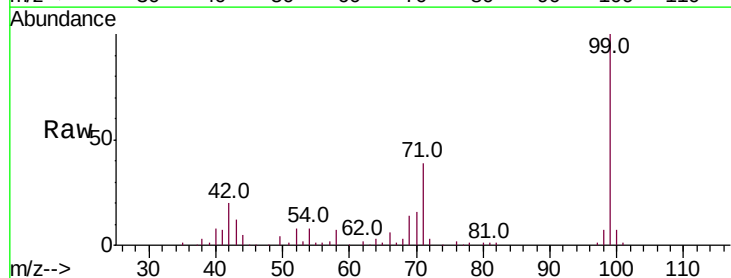
Tgt Ion: 77 Resp: 213

Ion Ratio Lower Upper

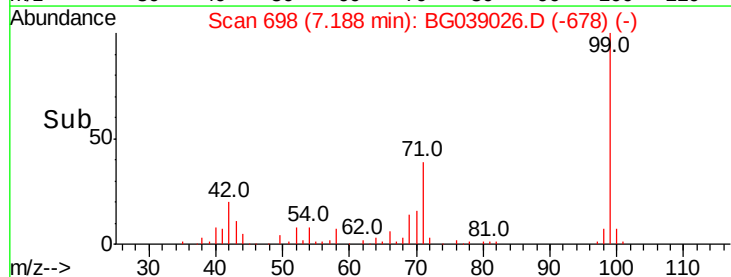
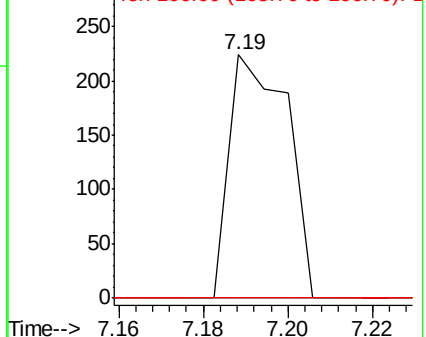
77 100

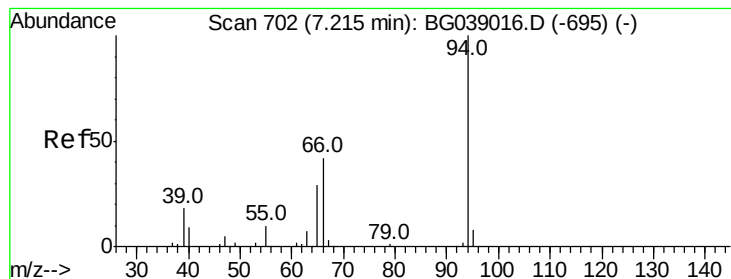
105 0.0 82.4 122.4#

106 0.0 82.8 122.8#



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





#10

Phenol

Concen: 0.050 ng

RT: 7.56 min Scan# 762

Delta R.T. 0.35 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampled :

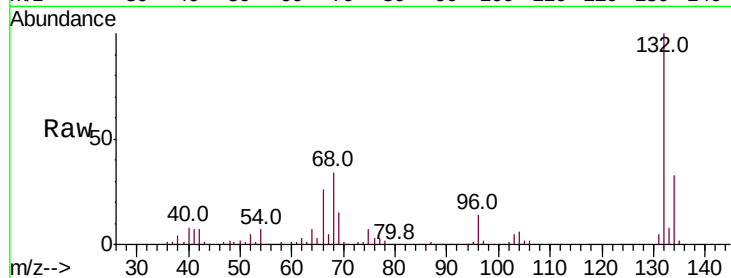
Tot Ion: 94 Resp: 68

Ion Ratio Lower Upper

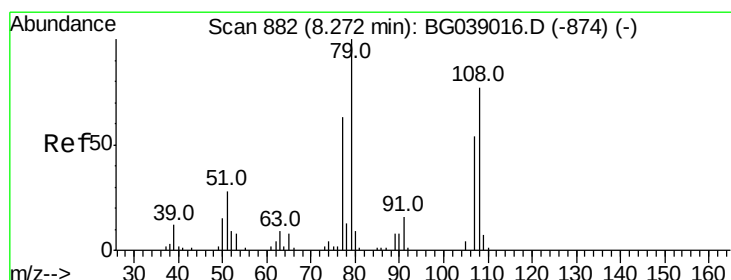
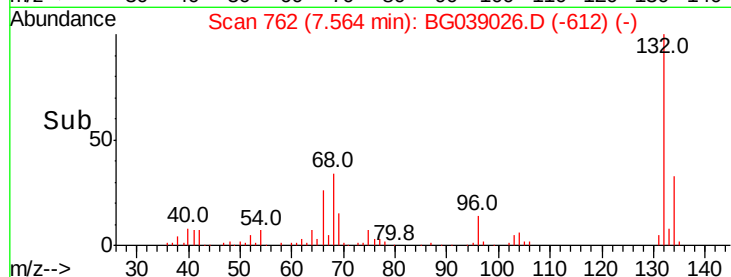
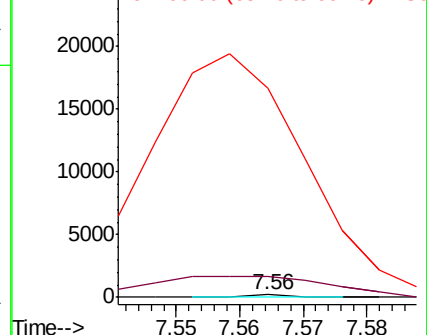
94 100

65 862.7 10.3 50.3#

66 8642.5 25.1 65.1#



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



#15

Benzyl Alcohol

Concen: 1.403 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.08 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

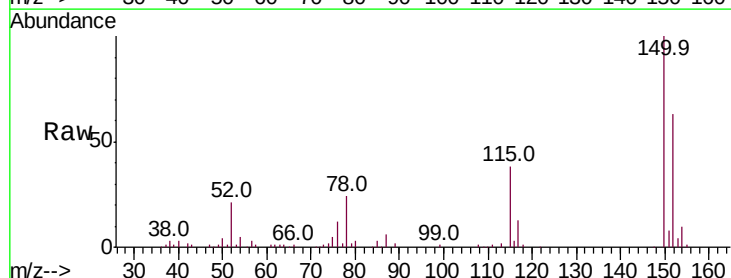
Tgt Ion: 79 Resp: 1443

Ion Ratio Lower Upper

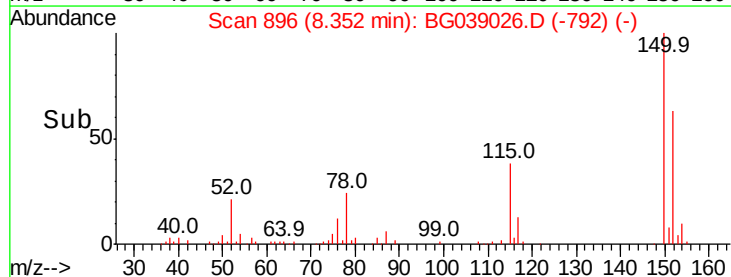
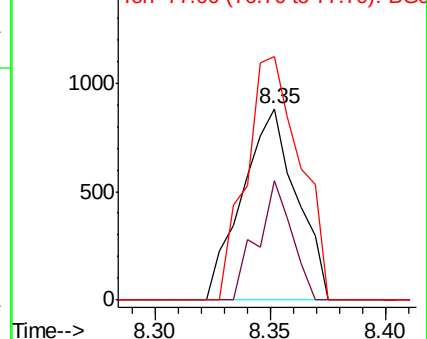
79 100

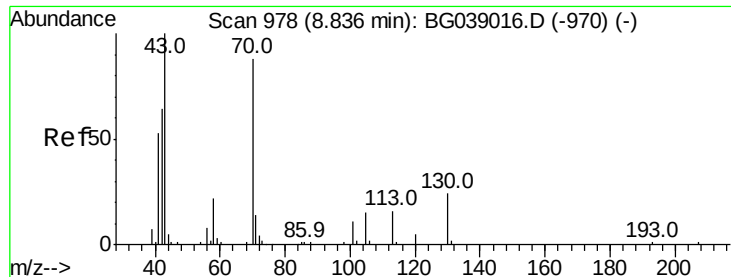
108 62.3 62.0 93.0

77 127.4 50.1 75.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

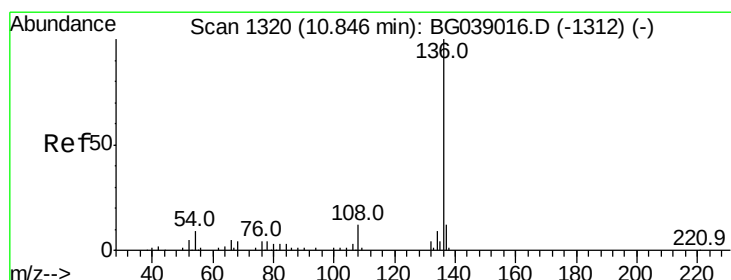
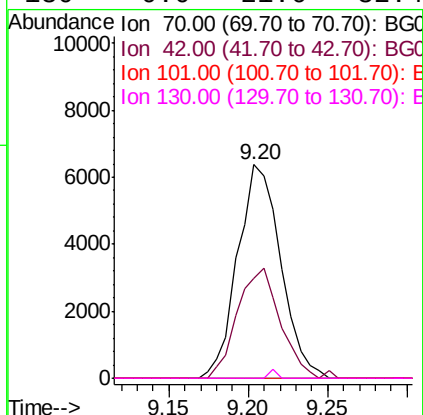
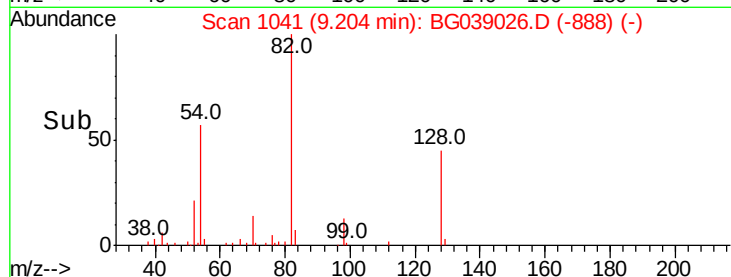
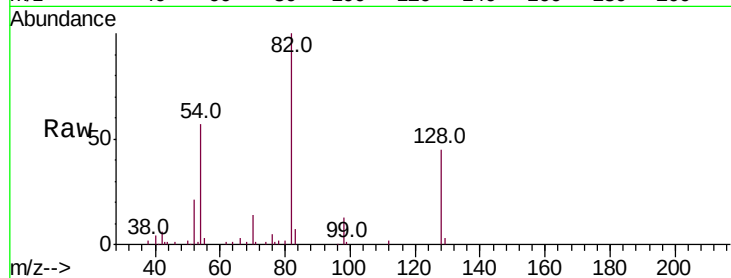




#19
n-Nitroso-di-n-propylamine
Concen: 13.413 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

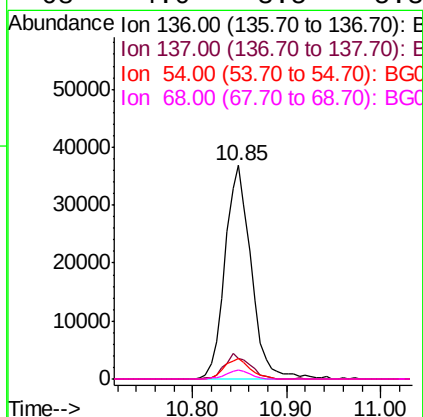
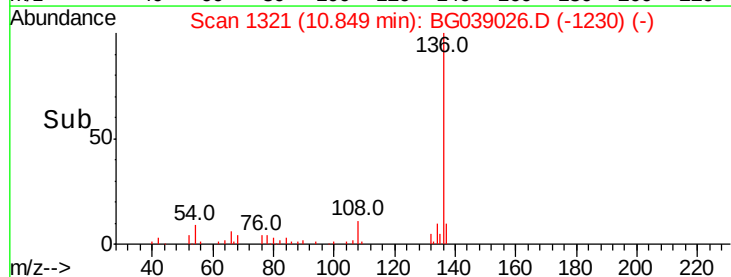
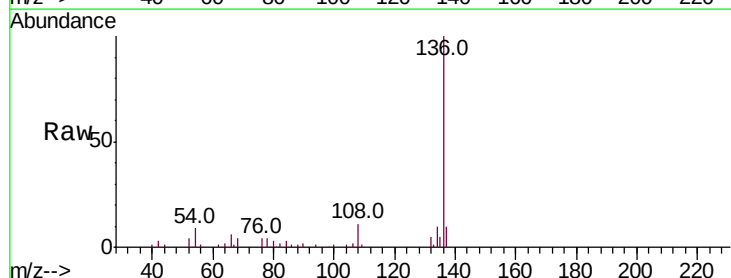
Instrument :
BNA_G
ClientSampled :

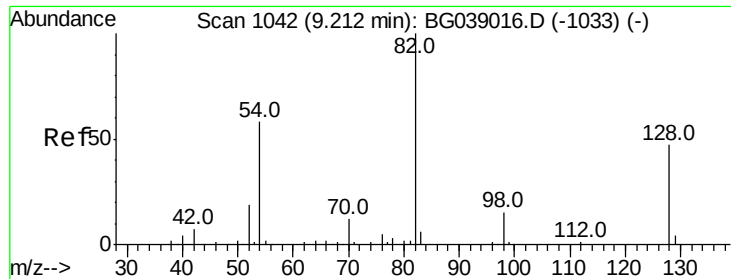
Tot Ion: 70 Resp: 12031
Ion Ratio Lower Upper
70 100
42 46.7 59.0 88.4#
101 0.0 10.4 15.6#
130 0.0 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion: 136 Resp: 71261
Ion Ratio Lower Upper
136 100
137 9.7 9.4 14.2
54 9.4 7.2 10.8
68 4.0 3.5 5.3

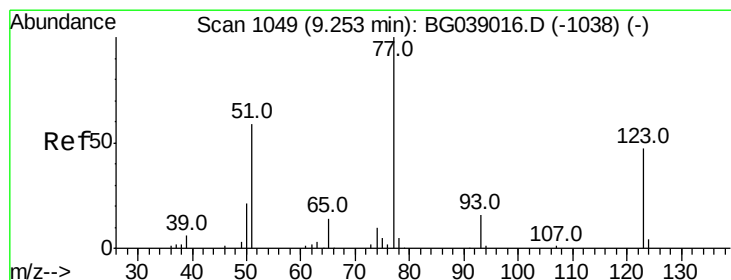
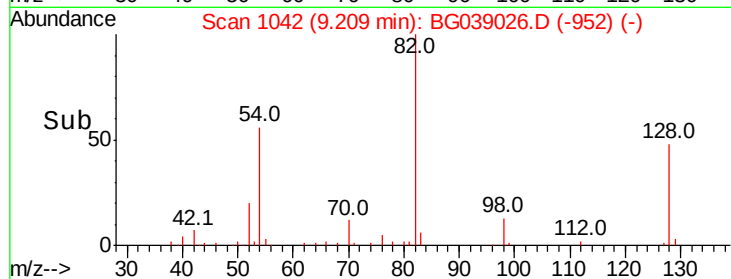
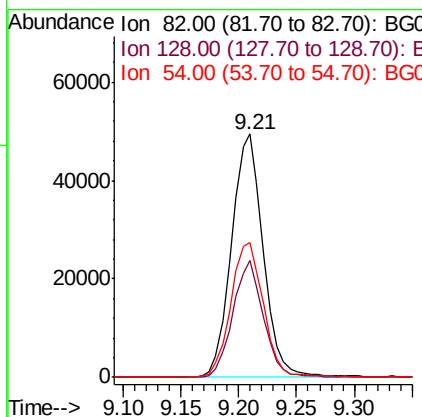
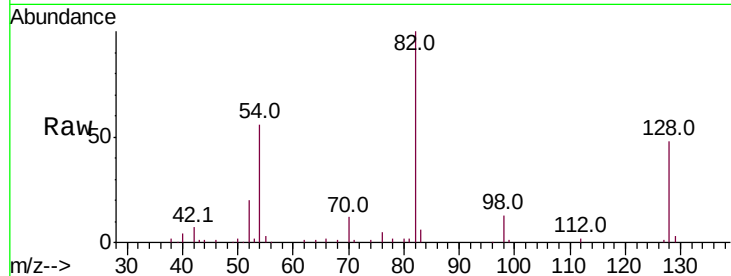




#23
Nitrobenzene-d5
Concen: 71.757 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

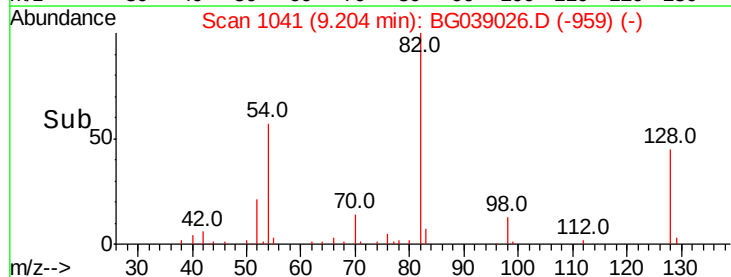
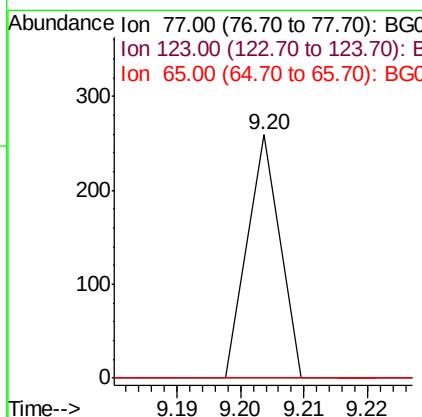
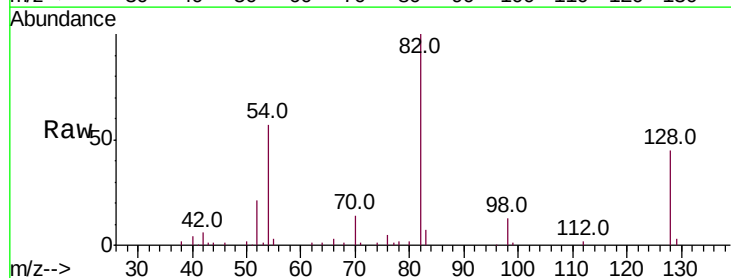
Instrument :
BNA_G
ClientSampled :

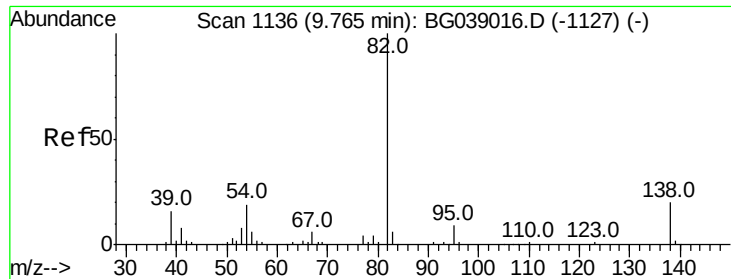
Tot Ion	82	Resp	93449
Ion Ratio	100	Lower	Upper
128	48.0	37.3	55.9
54	55.5	46.4	69.6



#24
Nitrobenzene
Concen: 0.069 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.05 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion	77	Resp	91
Ion Ratio	100	Lower	Upper
123	0.0	37.6	56.4#
65	0.0	11.0	16.6#





#25

Isophorone

Concen: 0.123 ng

RT: 9.33 min Scan# 1063

Delta R.T. -0.43 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampled :

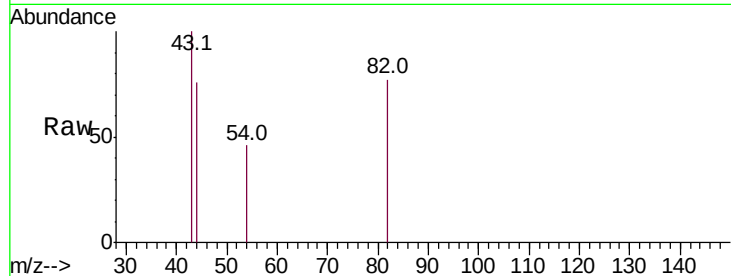
Tot Ion: 82 Resp: 276

Ion Ratio Lower Upper

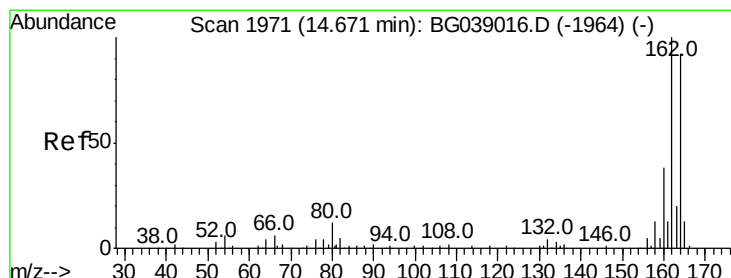
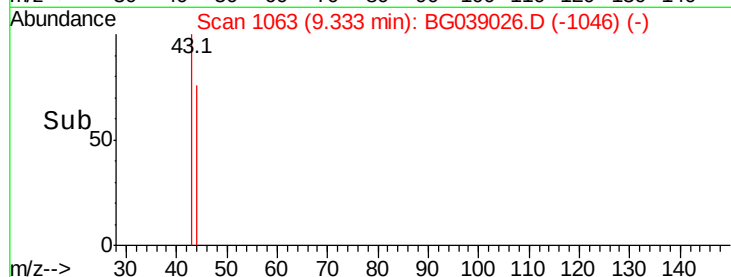
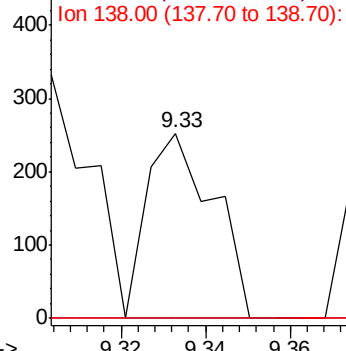
82 100

95 0.0 7.0 10.6#

138 0.0 16.2 24.4#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

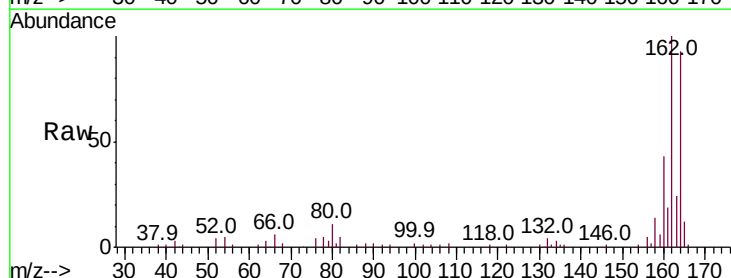
Tgt Ion:164 Resp: 52871

Ion Ratio Lower Upper

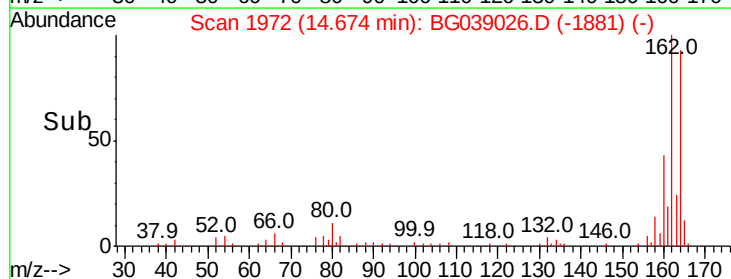
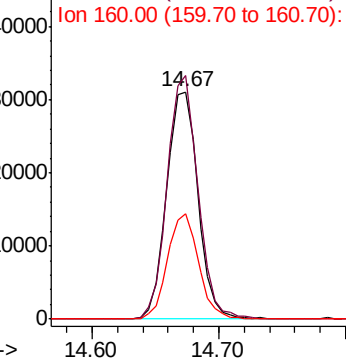
164 100

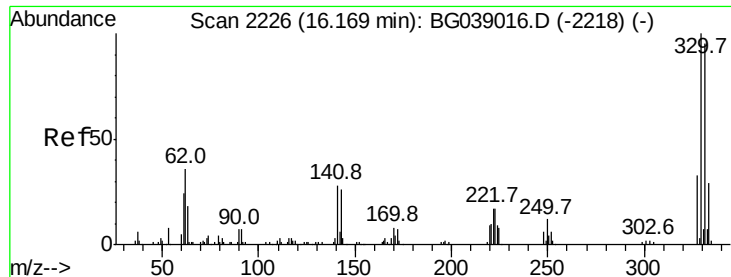
162 107.0 87.2 130.8

160 46.4 33.3 49.9



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





#42

2,4,6-Tribromophenol

Concen: 107.618 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampleId :

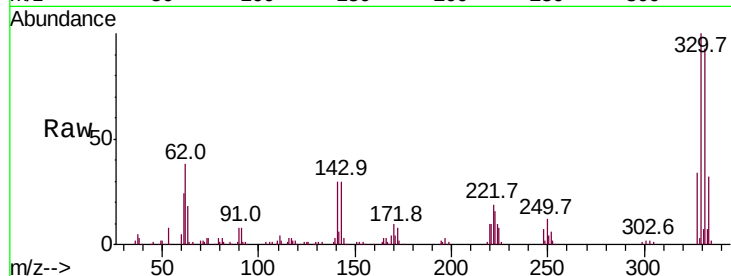
Tot Ion:330 Resp: 95378

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

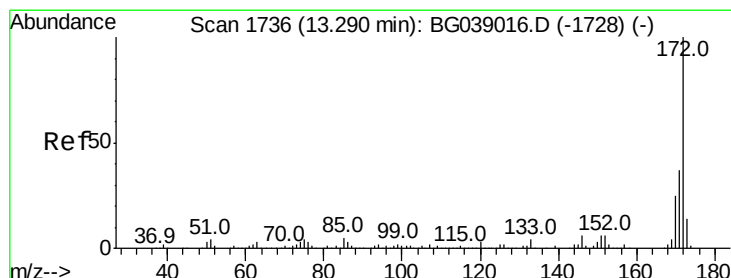
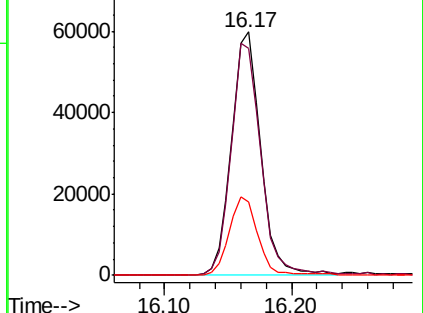
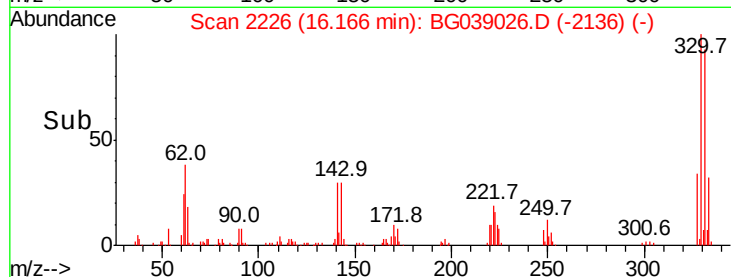
141 31.8 24.9 37.3



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



#45

2-Fluorobiphenyl

Concen: 71.864 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

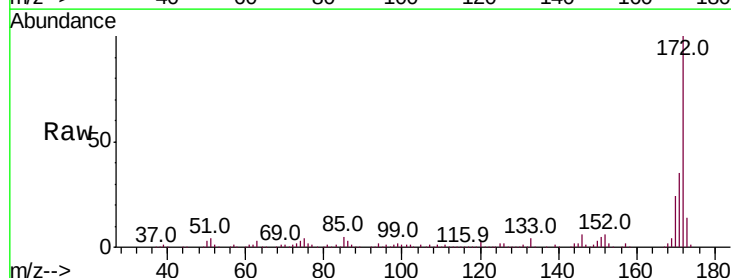
Tgt Ion:172 Resp: 277629

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

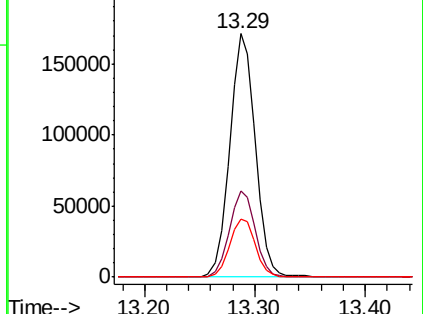
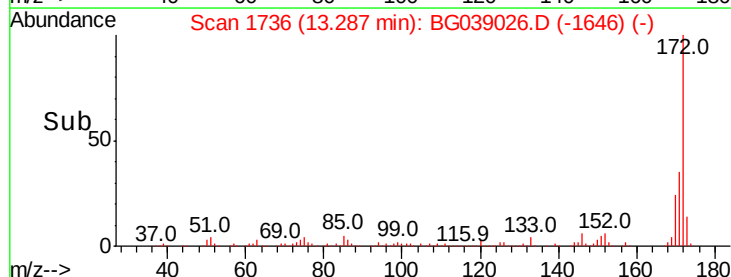
170 24.1 20.1 30.1

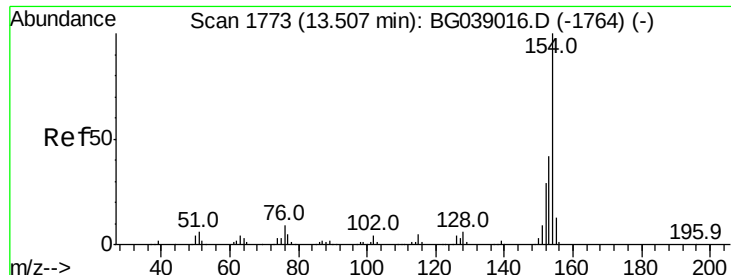


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 0.064 ng

RT: 13.52 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampleId :

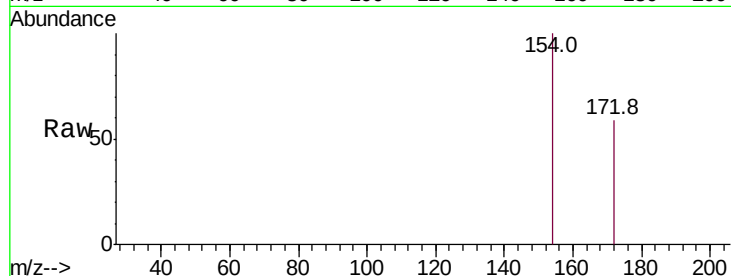
Tot Ion:154 Resp: 270

Ion Ratio Lower Upper

154 100

153 0.0 22.4 62.4#

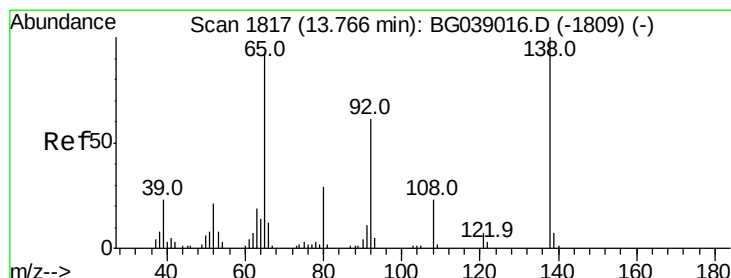
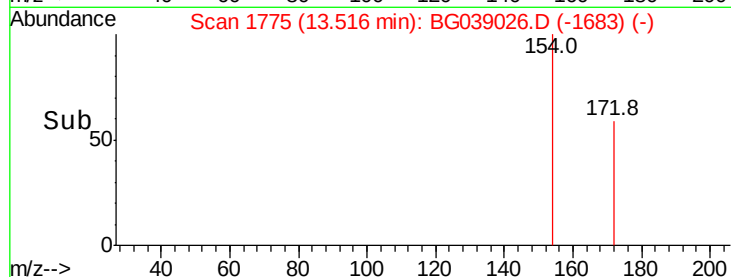
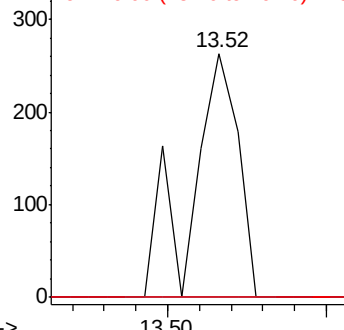
76 0.0 0.0 29.4



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): BGC



#48

2-Nitroaniline

Concen: 0.318 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.48 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

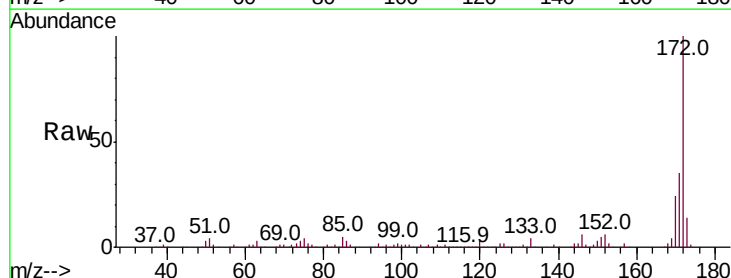
Tgt Ion: 65 Resp: 302

Ion Ratio Lower Upper

65 100

92 280.6 52.2 78.4#

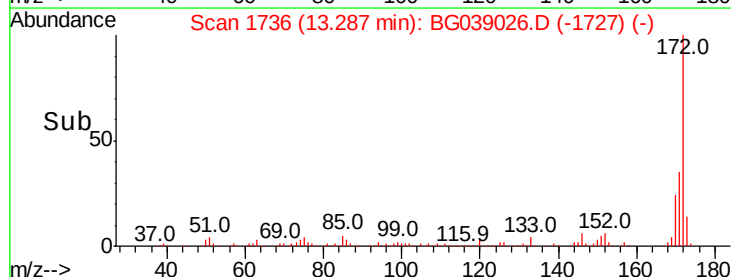
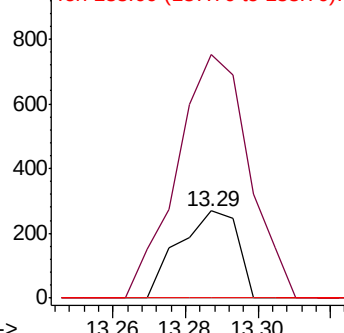
138 0.0 86.0 129.0#

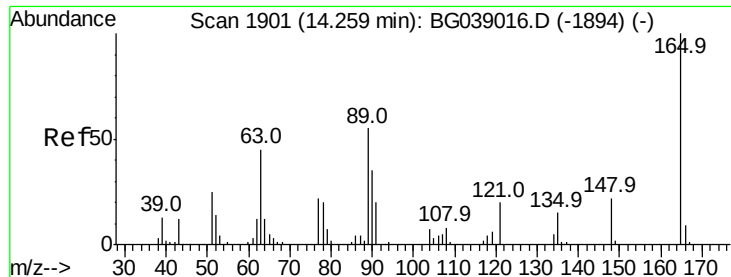


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E

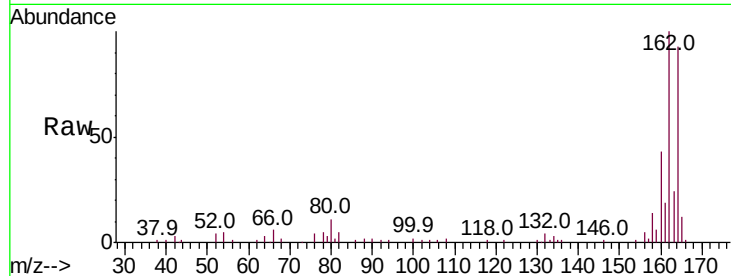




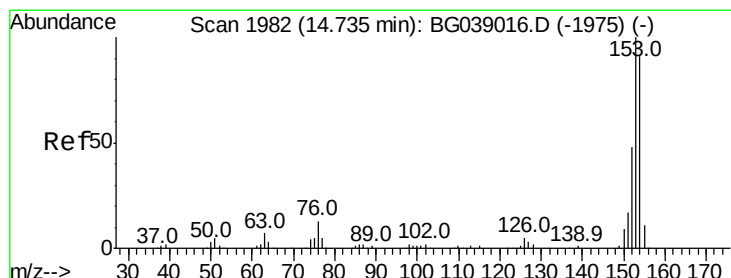
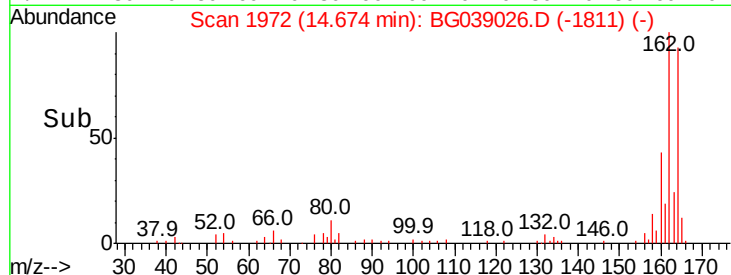
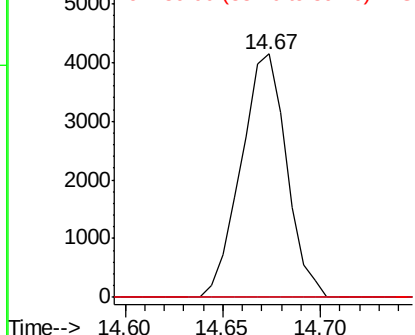
#51
 2,6-Dinitrotoluene
 Concen: 6.712 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.41 min
 Lab File: BG039026.D
 Acq: 9 Jan 2019 18:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 6705
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#

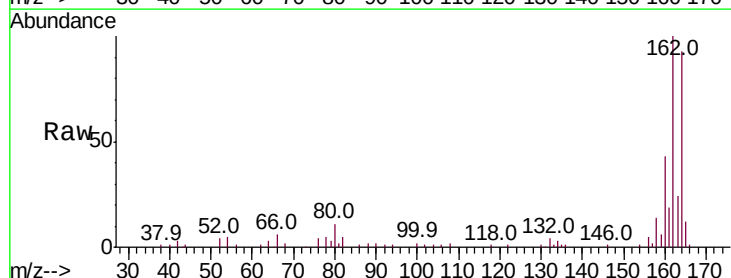


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

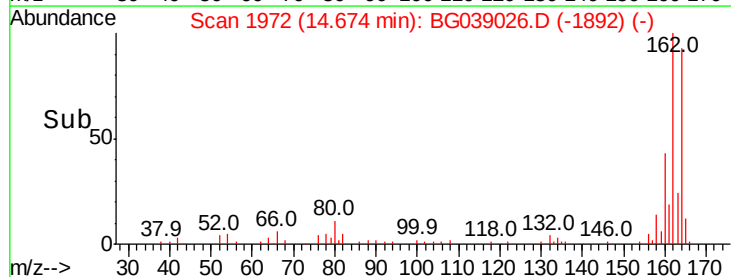
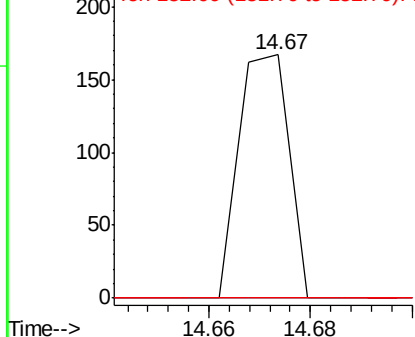


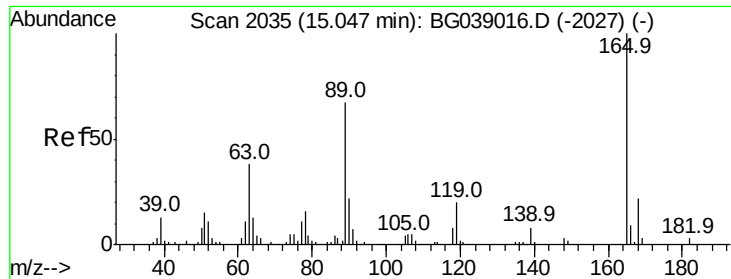
#52
 Acenaphthene
 Concen: 0.038 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.06 min
 Lab File: BG039026.D
 Acq: 9 Jan 2019 18:31

Tgt Ion:154 Resp: 116
 Ion Ratio Lower Upper
 154 100
 153 0.0 87.9 131.9#
 152 0.0 42.2 63.2#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

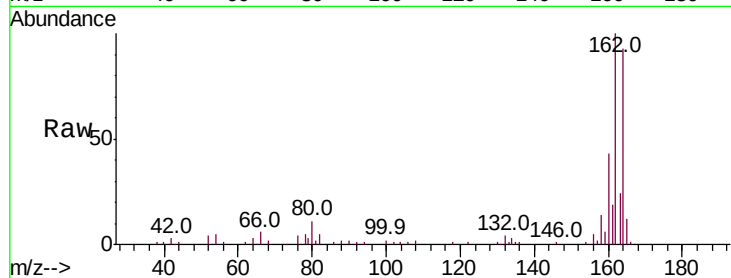




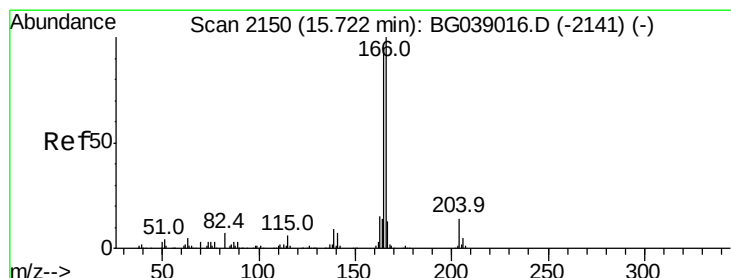
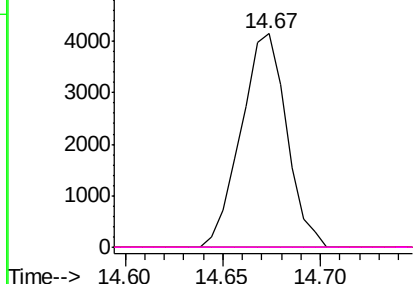
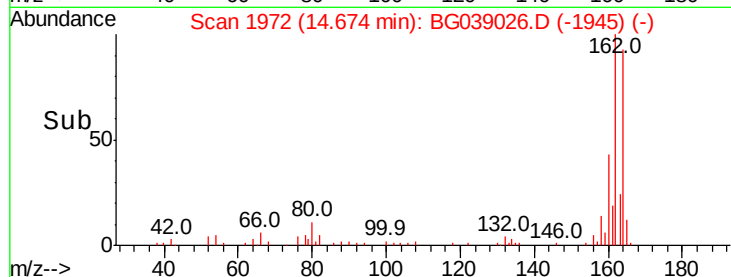
#57
 2,4-Dinitrotoluene
 Concen: 4.679 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.37 min
 Lab File: BG039026.D
 Acq: 9 Jan 2019 18:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 6705
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.2 45.4#
 89 0.0 53.2 79.8#
 182 0.0 2.7 4.1#

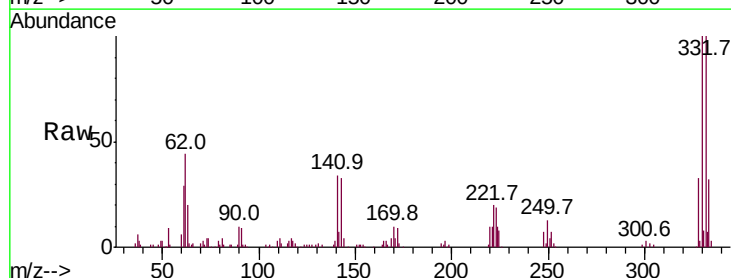


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

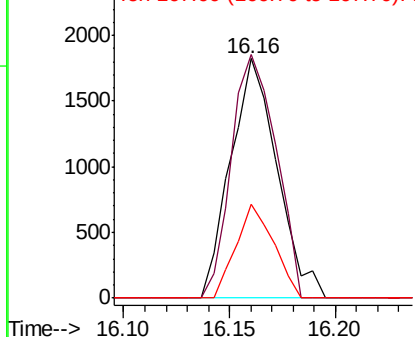
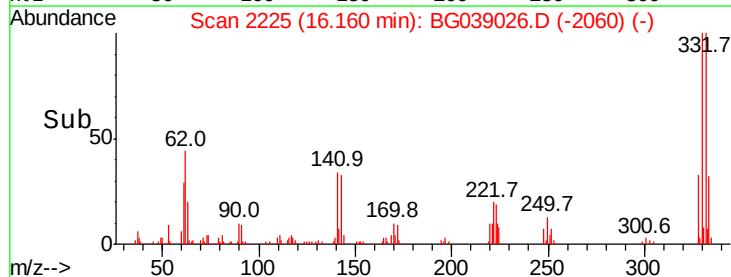


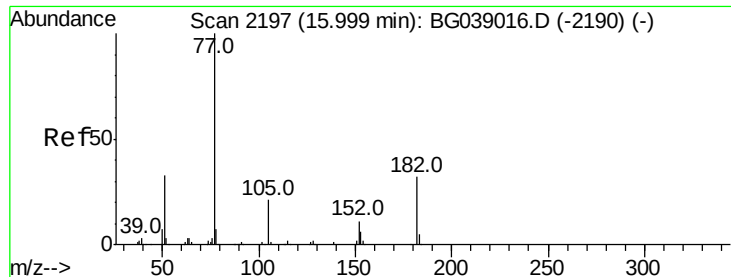
#58
 Fluorene
 Concen: 0.685 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.44 min
 Lab File: BG039026.D
 Acq: 9 Jan 2019 18:31

Tgt Ion:166 Resp: 2786
 Ion Ratio Lower Upper
 166 100
 165 73.0 76.2 114.2#
 167 28.2 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#63

Azobenzene

Concen: 0.093 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.17 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 335

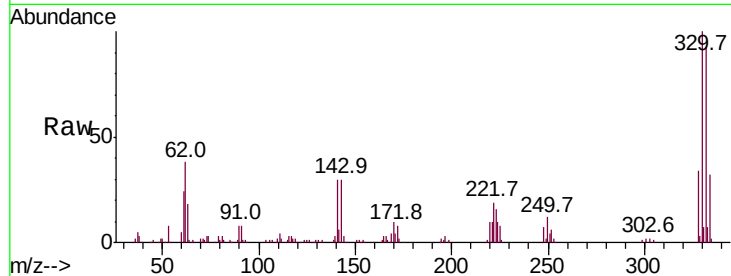
Ion Ratio Lower Upper

77 100

182 0.0 12.2 52.2#

105 0.0 1.2 41.2#

51 88.0 13.4 53.4#

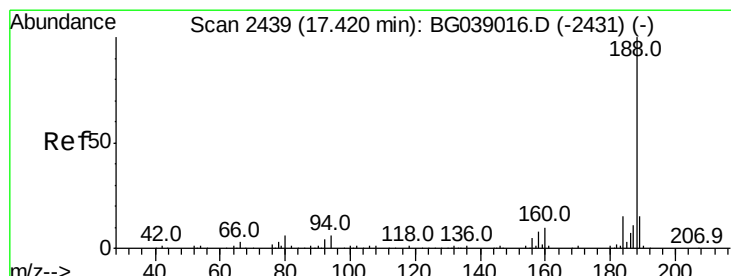
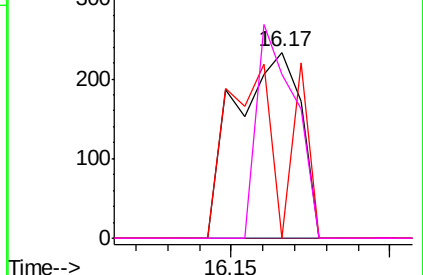
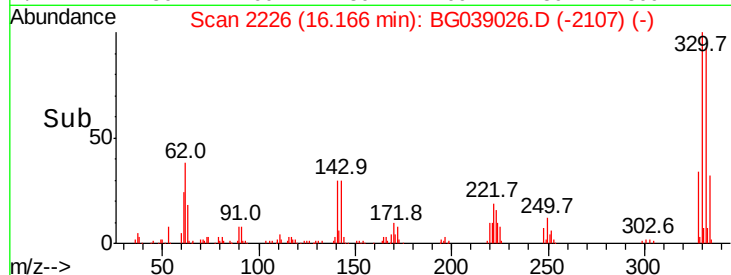


Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

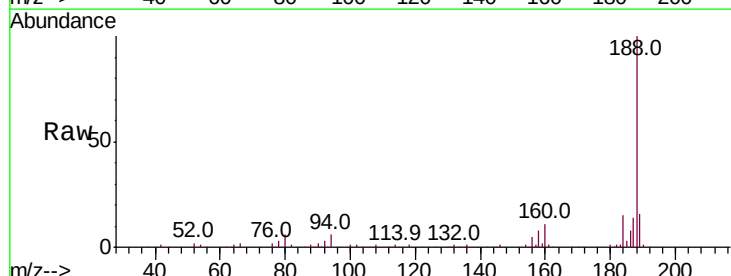
Tgt Ion: 188 Resp: 152184

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

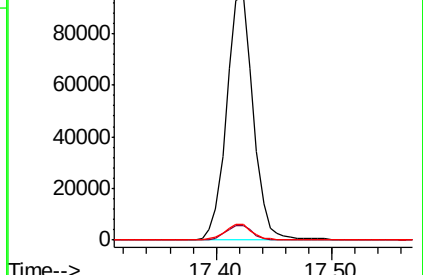
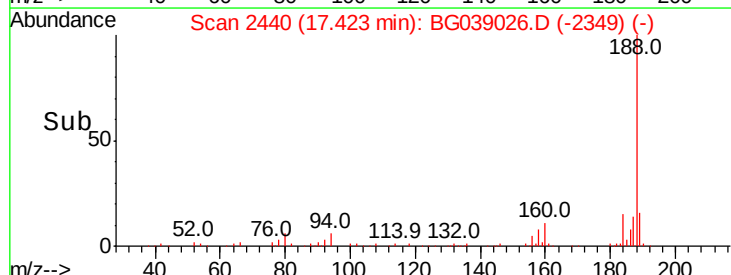
80 6.4 4.7 7.1

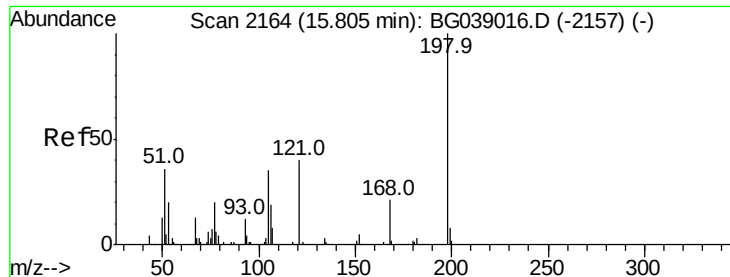


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

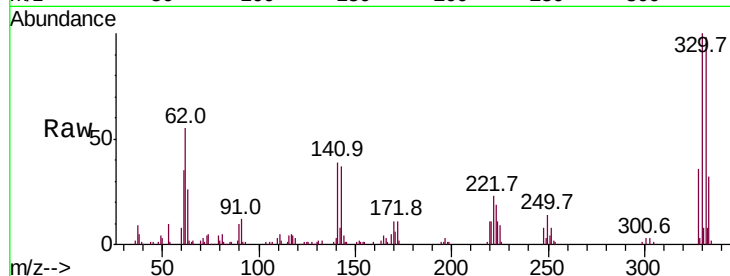




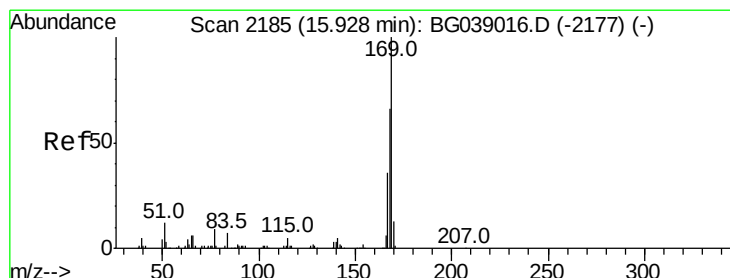
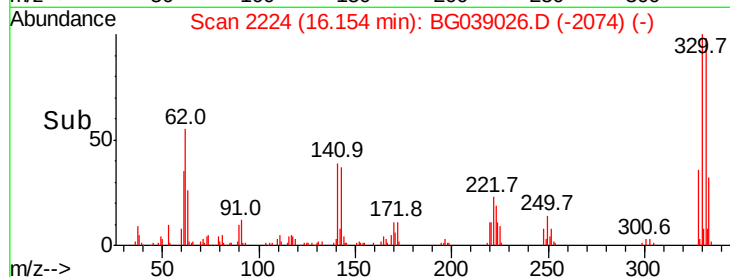
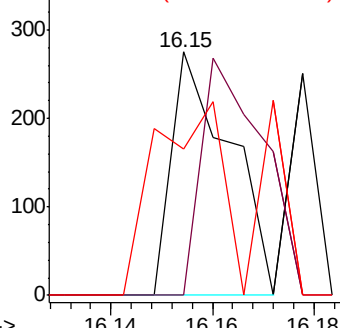
#65
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 16.15 min Scan# 2224
Delta R.T. 0.35 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 219
Ion Ratio Lower Upper
198 100
51 0.0 20.8 60.8#
105 21.3 16.1 56.1

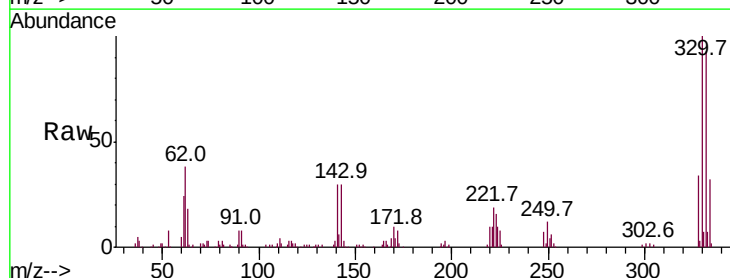


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG0
Ion 105.00 (104.70 to 105.70): E

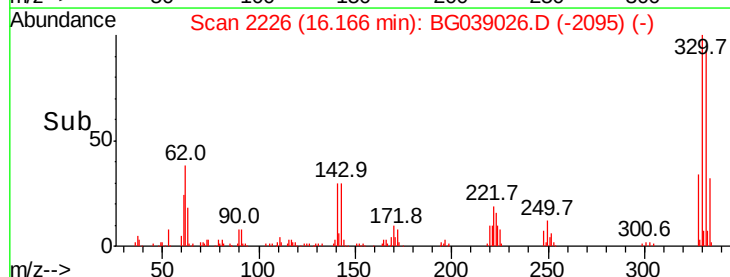
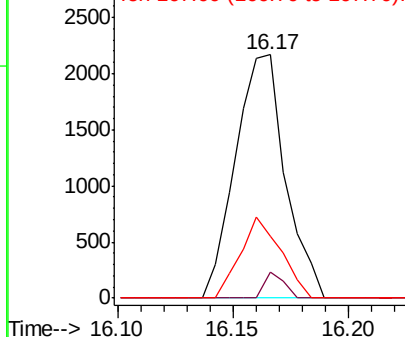


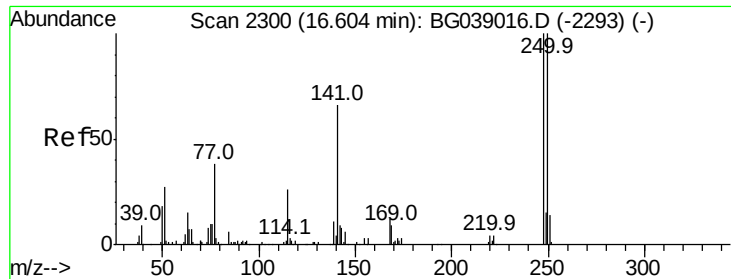
#66
n-Nitrosodiphenylamine
Concen: 0.723 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.24 min
Lab File: BG039026.D
Acq: 9 Jan 2019 18:31

Tgt Ion:169 Resp: 3261
Ion Ratio Lower Upper
169 100
168 10.5 53.2 79.8#
167 36.1 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 3.245 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.44 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampled :

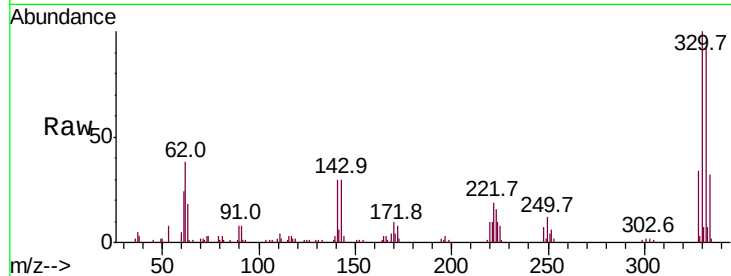
Tot Ion:248 Resp: 6348

Ion Ratio Lower Upper

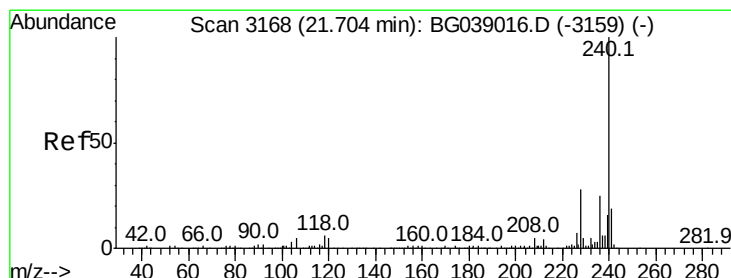
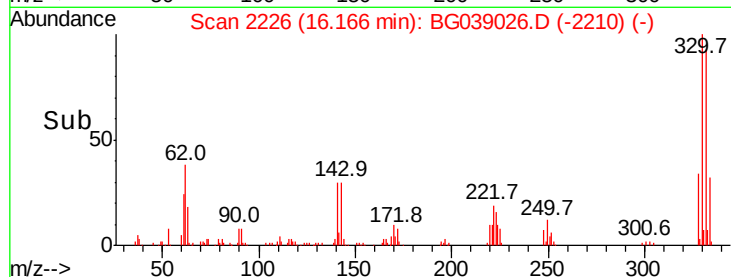
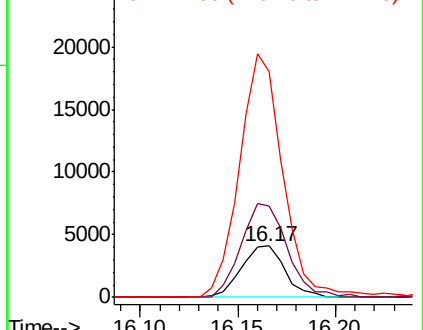
248 100

250 177.4 79.9 119.9#

141 329.2 52.7 79.1#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

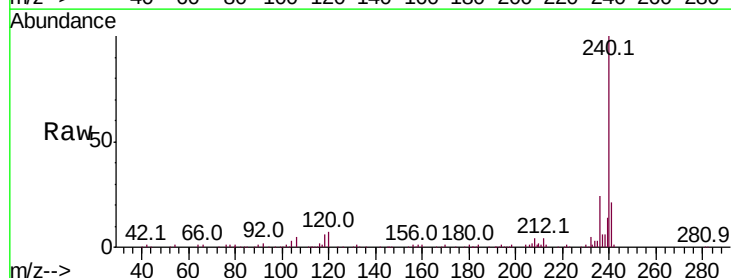
Tgt Ion:240 Resp: 185191

Ion Ratio Lower Upper

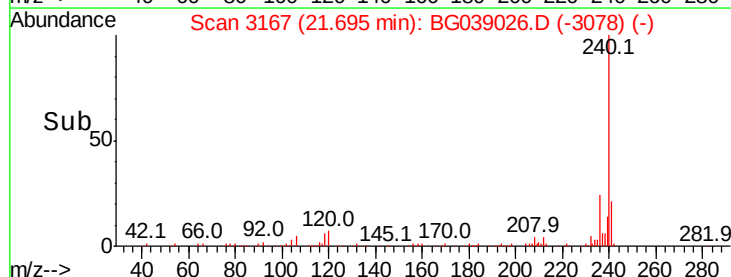
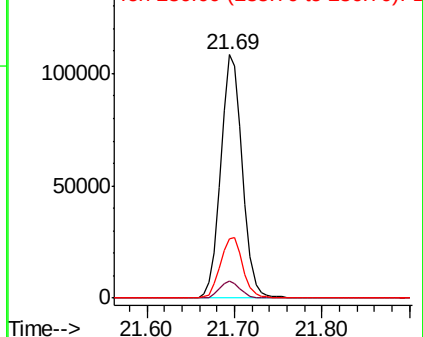
240 100

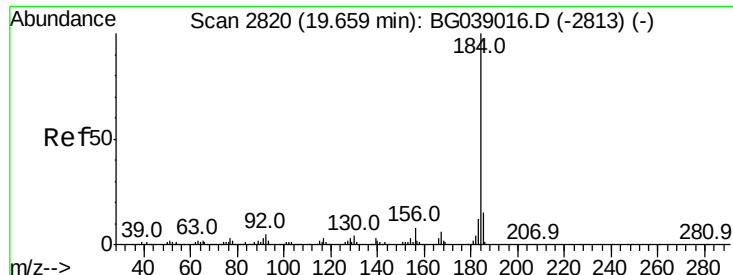
120 6.9 4.3 6.5#

236 24.3 20.1 30.1



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





#77

Benzidine

Concen: 1.935 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampleId :

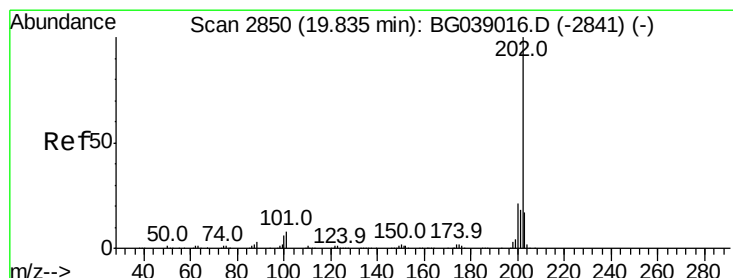
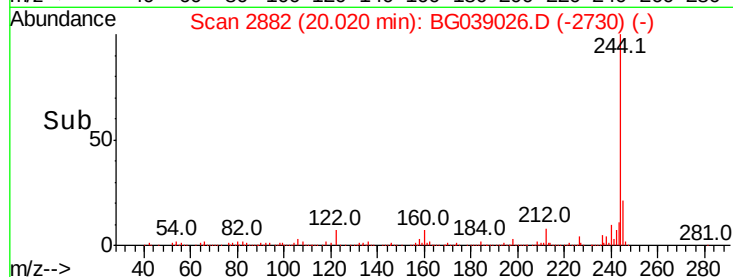
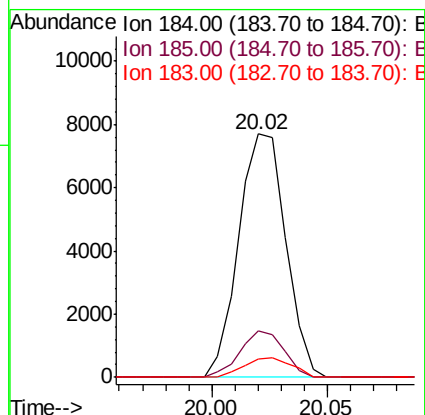
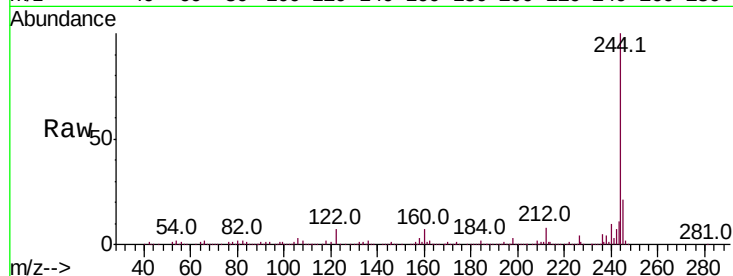
Tot Ion:184 Resp: 10962

Ion Ratio Lower Upper

184 100

185 19.1 12.1 18.1#

183 7.5 9.5 14.3#



#78

Pyrene

Concen: 0.219 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.19 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

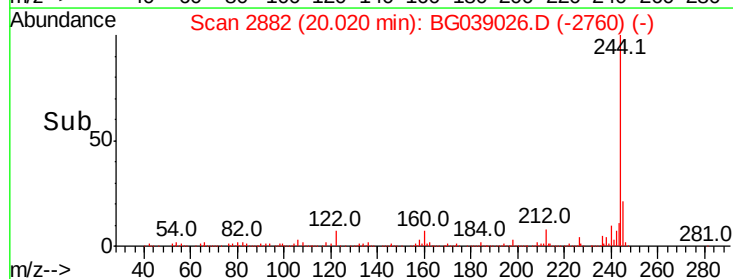
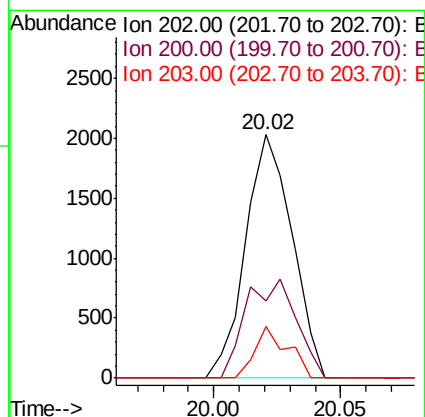
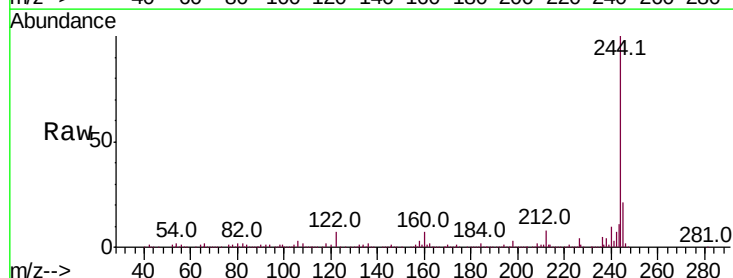
Tgt Ion:202 Resp: 2584

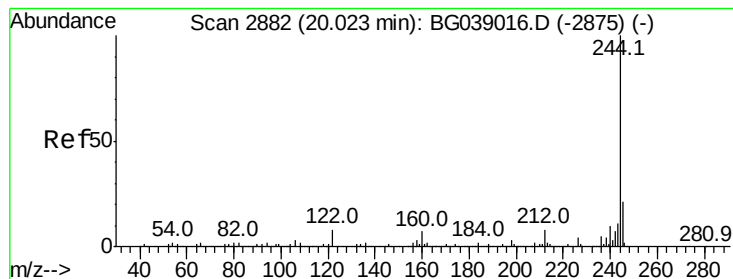
Ion Ratio Lower Upper

202 100

200 31.8 17.0 25.6#

203 21.4 14.0 21.0#





#79

Terphenyl-d14

Concen: 70.579 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampleId :

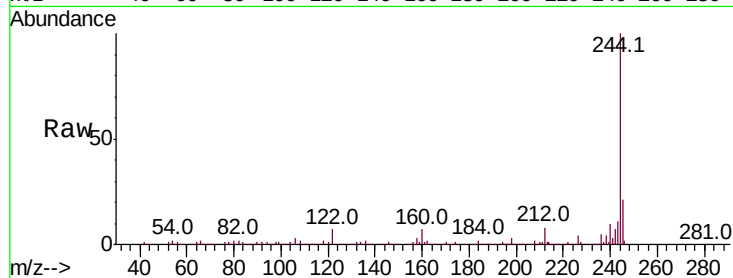
Tot Ion:244 Resp: 706564

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

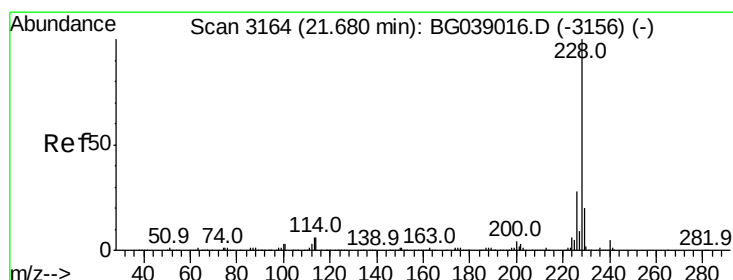
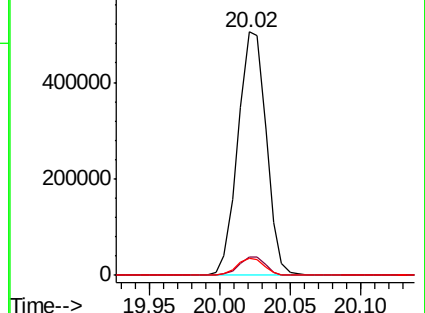
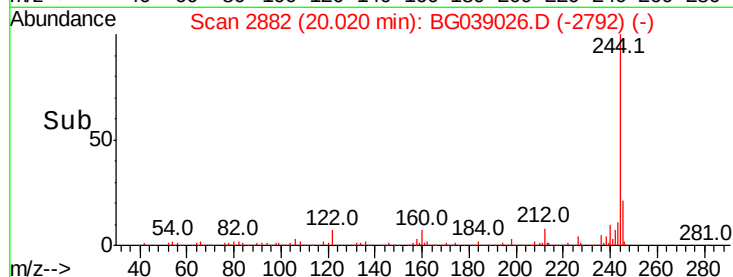
122 7.1 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 0.029 ng

RT: 21.69 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

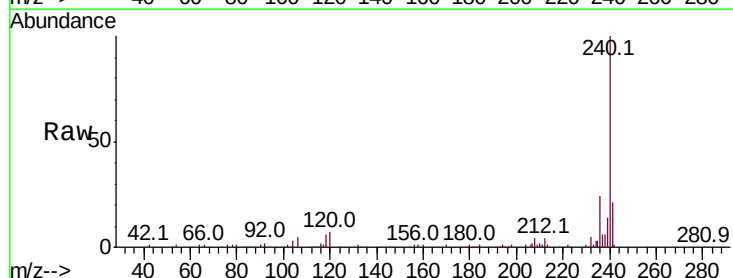
Tgt Ion:228 Resp: 322

Ion Ratio Lower Upper

228 100

226 0.0 22.4 33.6#

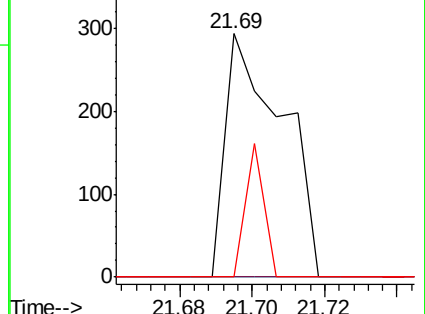
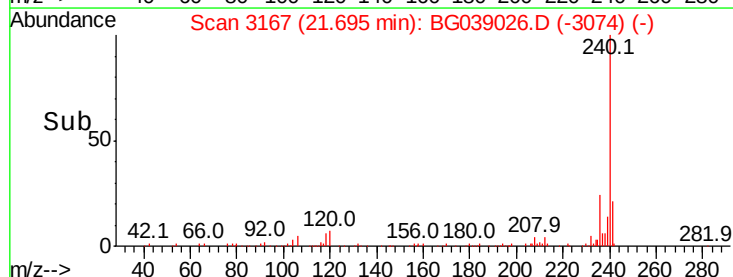
229 0.0 16.2 24.2#

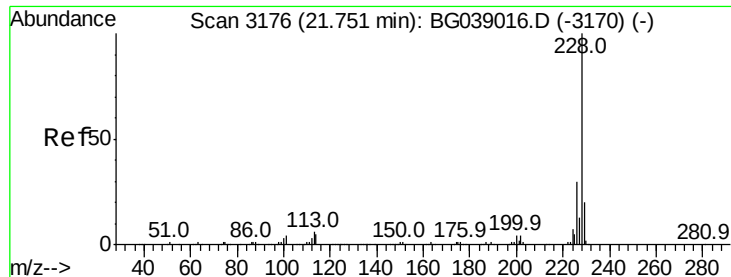


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

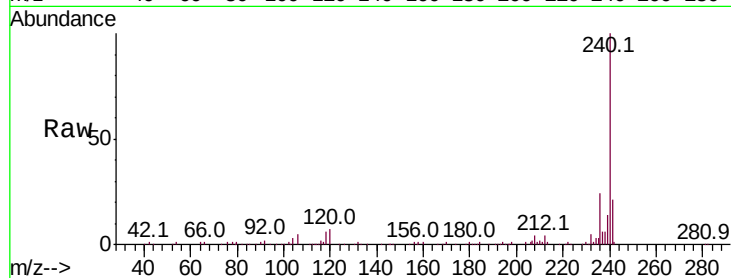




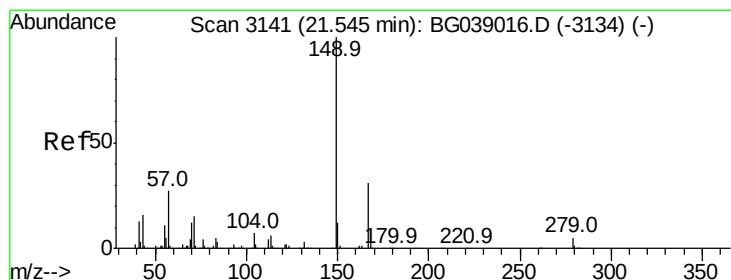
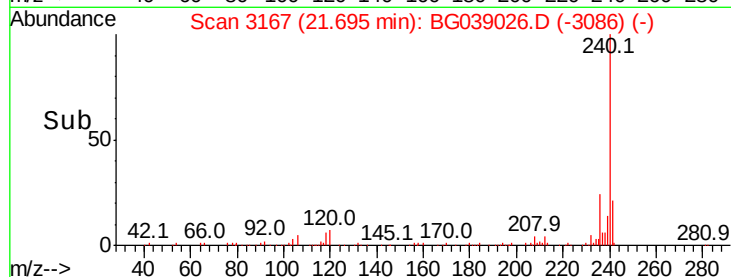
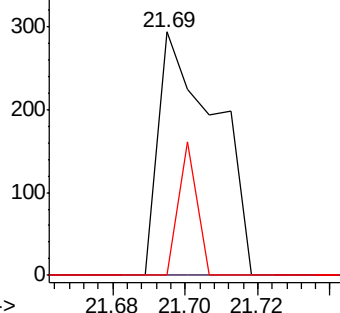
#83
 Chrysene
 Concen: 0.030 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.06 min
 Lab File: BG039026.D
 Acq: 9 Jan 2019 18:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 322
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.1 36.1#
 229 0.0 16.0 24.0#

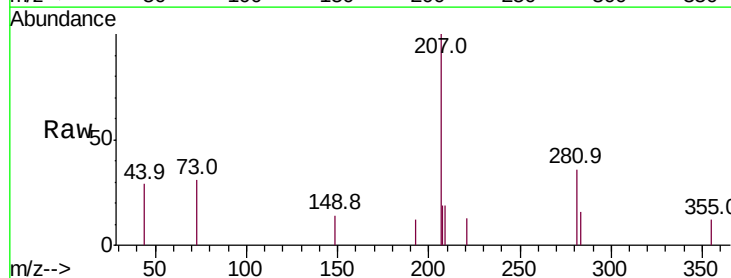


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

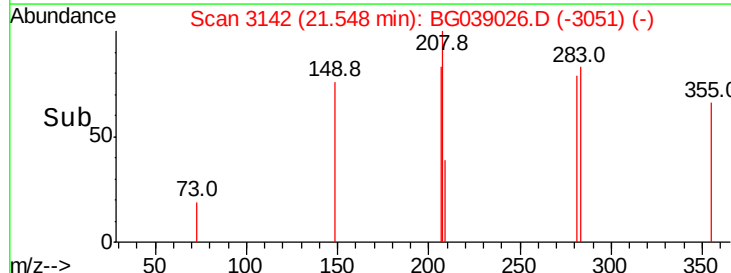
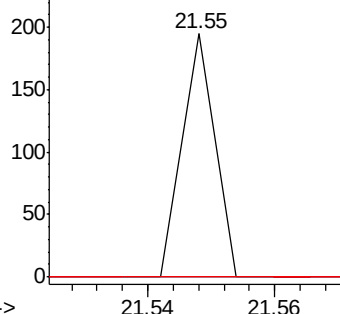


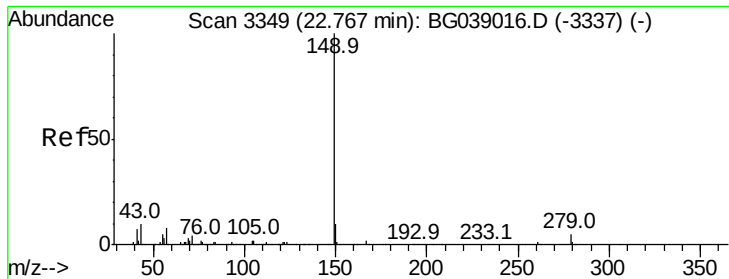
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.011 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG039026.D
 Acq: 9 Jan 2019 18:31

Tgt Ion:149 Resp: 69
 Ion Ratio Lower Upper
 149 100
 167 0.0 25.0 37.4#
 279 0.0 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.009 ng

RT: 22.95 min Scan# 3381

Delta R.T. 0.19 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampled :

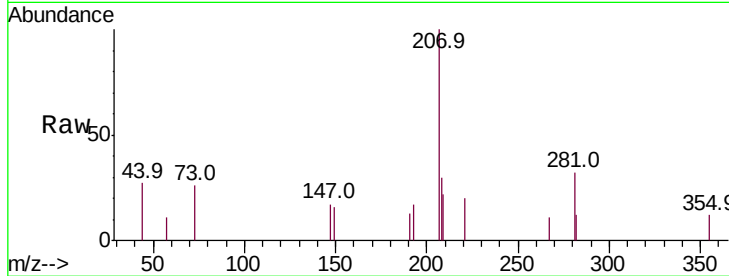
Tot Ion:149 Resp: 92

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

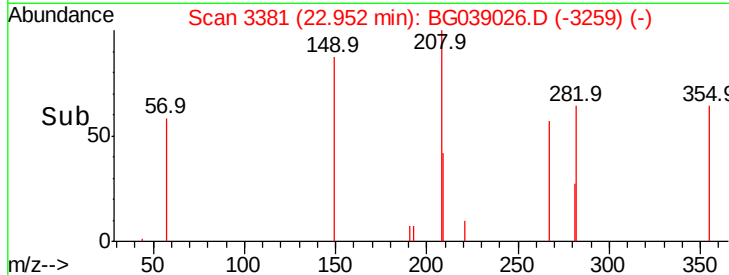
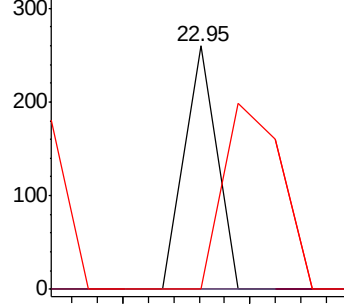
43 137.0 7.5 11.3#



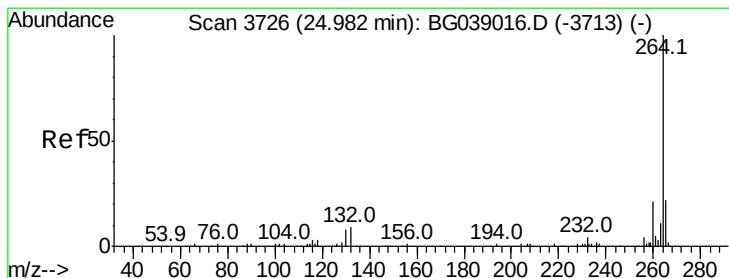
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

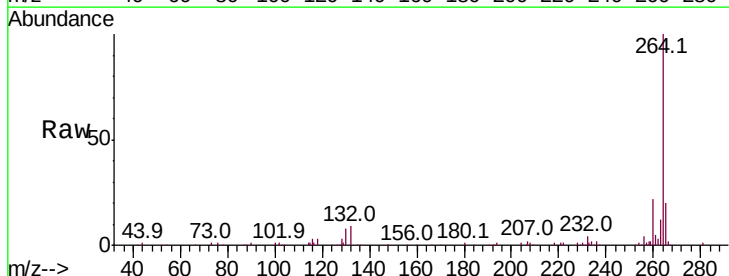
Tgt Ion:264 Resp: 189365

Ion Ratio Lower Upper

264 100

260 22.5 17.0 25.6

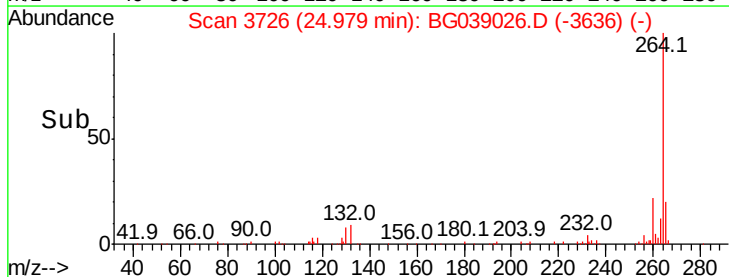
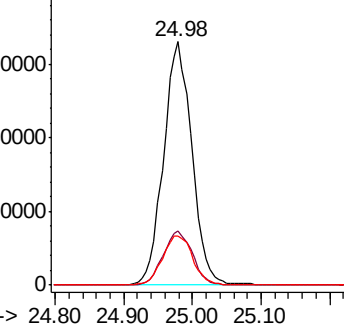
265 20.4 17.2 25.8



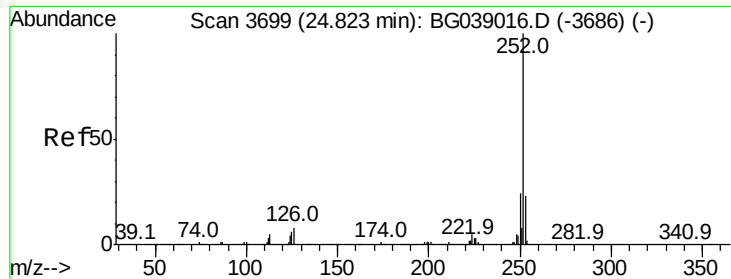
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 0.073 ng

RT: 24.97 min Scan# 3725

Delta R.T. 0.15 min

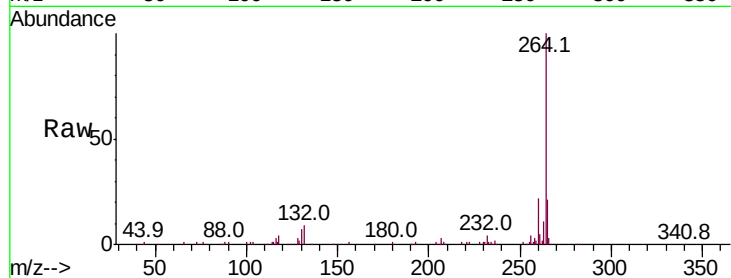
Lab File: BG039026.D

Acq: 9 Jan 2019 18:31

Instrument :

BNA_G

ClientSampleId :



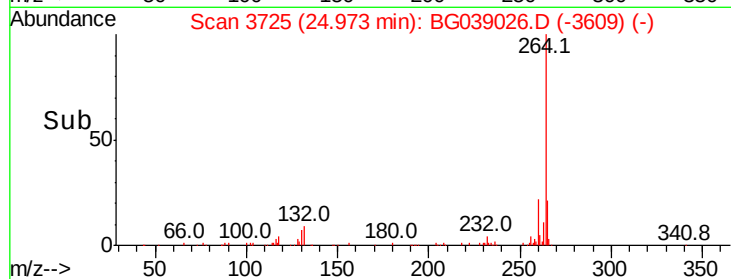
Tot Ion: 252 Resp: 741

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

125 0.0 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

