

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039035.D
 Acq On : 10 Jan 2019 00:24
 Operator : JU/SJ
 Sample : K1087-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:24:24 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	21976	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	91938	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67217	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	183759	20.00	ng	0.00
76) Chrysene-d12	21.70	240	194093	20.00	ng	0.00
87) Perylene-d12	24.98	264	213166	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	99845	86.19	ng	0.00
7) Phenol-d6	7.19	99	140716	84.40	ng	0.00
23) Nitrobenzene-d5	9.21	82	83505	49.70	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	88022	78.12	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	248459	50.59	ng	0.00
79) Terphenyl-d14	20.02	244	517044	49.28	ng	0.00

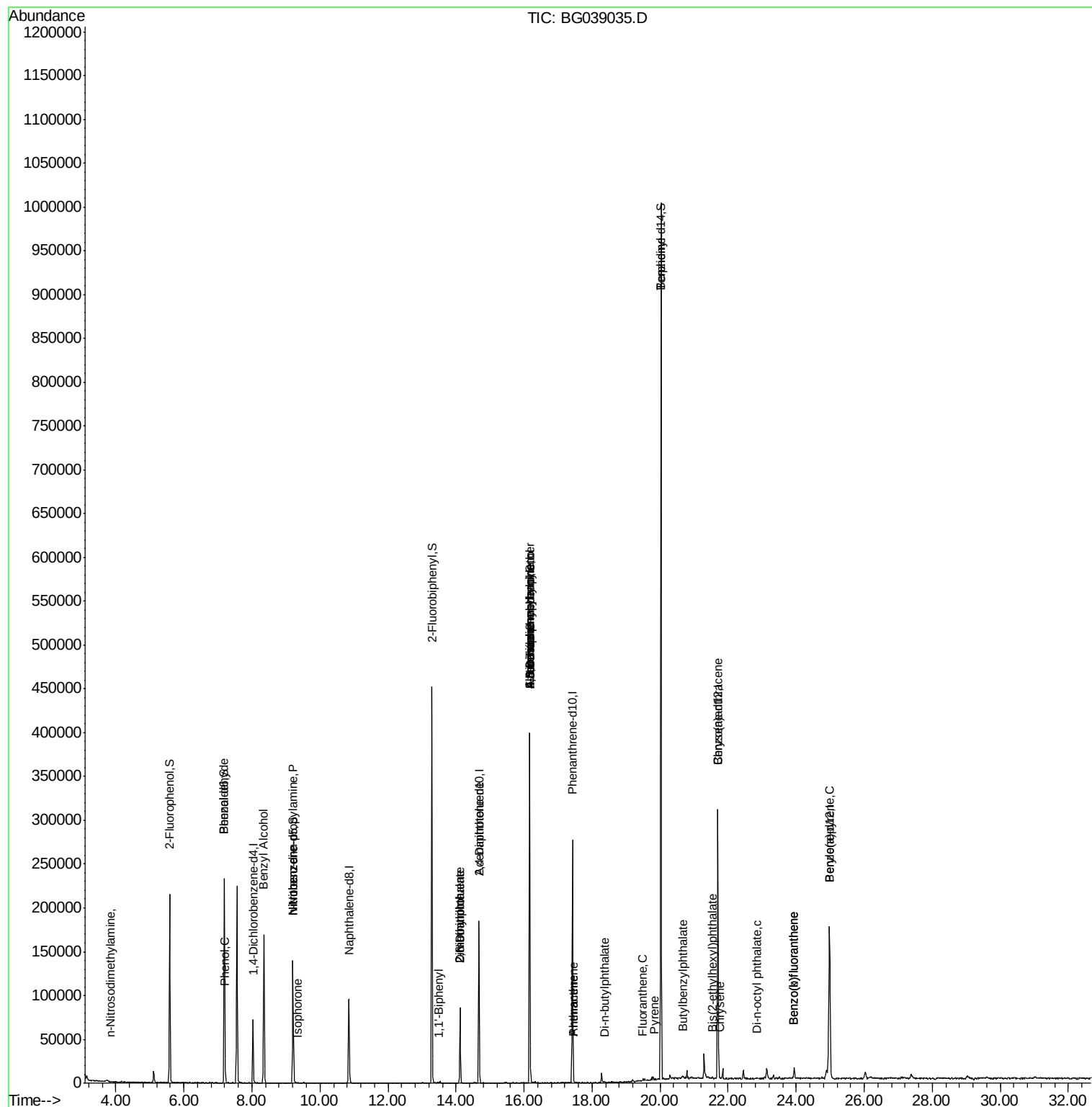
Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.83	42	56	0.101	ng	# 1
9) Benzaldehyde	7.18	77	408	0.424	ng	# 65
10) Phenol	7.21	94	2341	1.401	ng	# 60
15) Benzyl Alcohol	8.35	79	1324	1.055	ng	# 55
19) n-Nitroso-di-n-propylamine	9.21	70	11361	10.377	ng	# 66
24) Nitrobenzene	9.21	77	205	0.121	ng	# 38
25) Isophorone	9.35	82	206	0.071	ng	# 62
46) 1,1'-Biphenyl	13.50	154	174	0.033	ng	# 41
48) 2-Nitroaniline	14.11	65	501	0.415	ng	# 1
50) Dimethylphthalate	14.12	163	64769	11.403	ng	# 99
51) 2,6-Dinitrotoluene	14.12	165	616	0.485	ng	# 1
57) 2,4-Dinitrotoluene	14.67	165	9003	4.941	ng	# 26
58) Fluorene	16.16	166	2765	0.534	ng	# 86
63) Azobenzene	16.17	77	154	0.034	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.16	198	63	0.046	ng	# 37
66) n-Nitrosodiphenylamine	16.16	169	2948	0.541	ng	# 45
67) 4-Bromophenyl-phenylether	16.16	248	5292	2.240	ng	# 1
71) Phenanthrene	17.46	178	401	0.041	ng	# 59
72) Anthracene	17.46	178	401	0.042	ng	# 60
74) Di-n-butylphthalate	18.36	149	60	0.006	ng	# 77
75) Fluoranthene	19.48	202	536	0.045	ng	# 65
77) Benzidine	20.02	184	7859	1.324	ng	# 92
78) Pyrene	19.83	202	749	0.061	ng	# 57
80) Butylbenzylphthalate	20.68	149	160	0.034	ng	# 64
81) Benzo(a)anthracene	21.69	228	739	0.063	ng	# 51
83) Chrysene	21.74	228	179	0.016	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.54	149	718	0.110	ng	# 49
85) Di-n-octyl phthalate	22.84	149	63	0.006	ng	# 1
88) Benzo(b)fluoranthene	23.93	252	58	0.005	ng	# 60
89) Benzo(k)fluoranthene	23.93	252	58	0.005	ng	# 61
90) Benzo(a)pyrene	24.98	252	752	0.066	ng	# 59

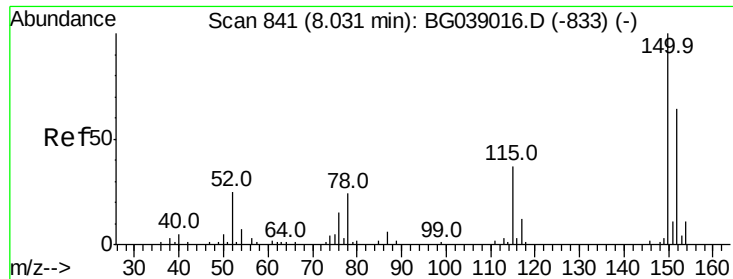
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
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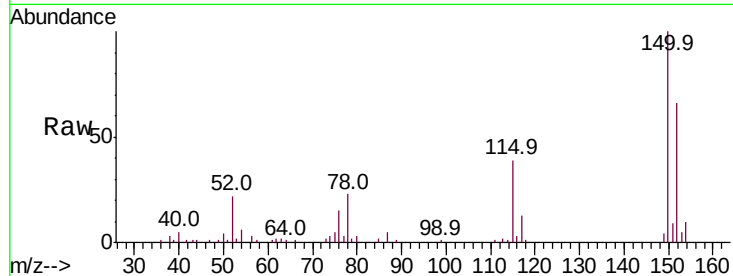


#1

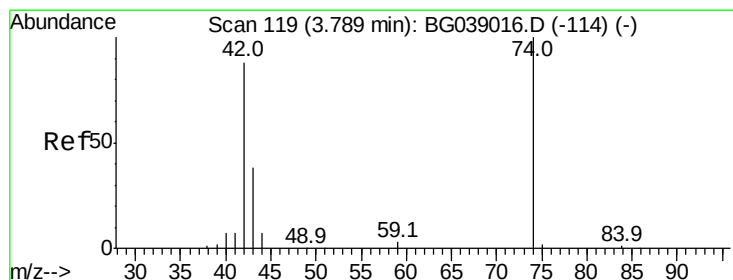
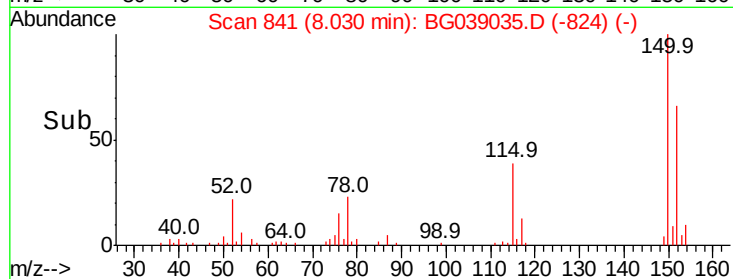
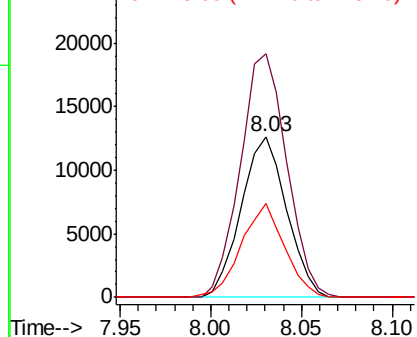
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 21976
Ion Ratio Lower Upper
152 100
150 151.8 124.7 187.1
115 58.8 46.5 69.7



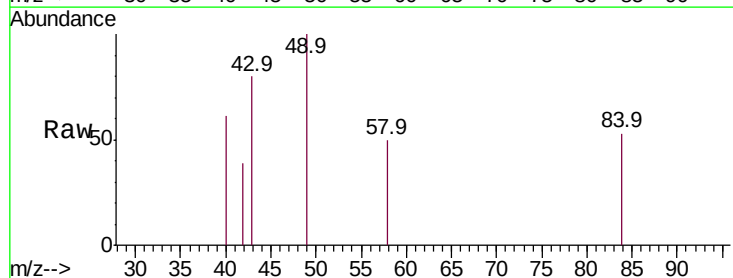
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



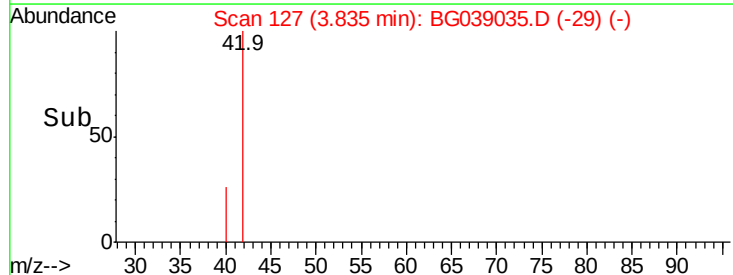
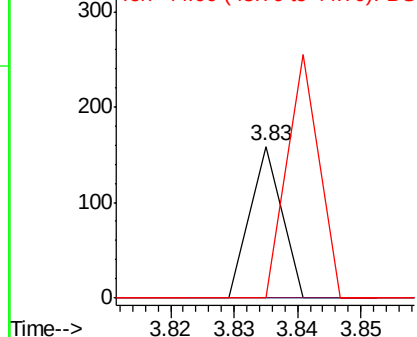
#4

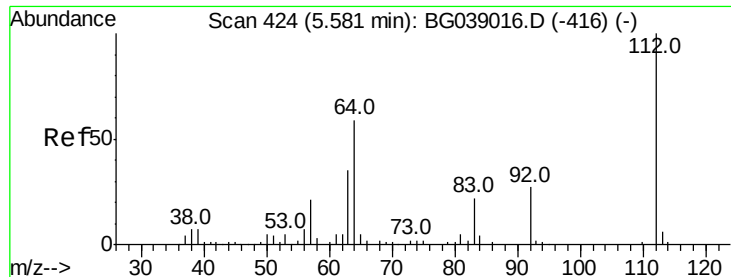
n-Nitrosodimethylamine
Concen: 0.101 ng
RT: 3.83 min Scan# 127
Delta R.T. 0.05 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Tgt Ion: 42 Resp: 56
Ion Ratio Lower Upper
42 100
74 0.0 90.7 136.1#
44 0.0 6.5 9.7#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 86.187 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampled :

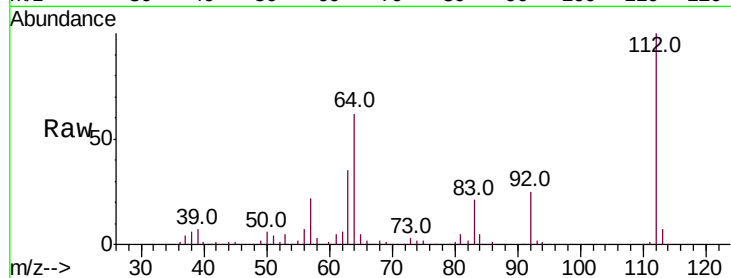
Tot Ion:112 Resp: 99845

Ion Ratio Lower Upper

112 100

64 61.6 47.0 70.6

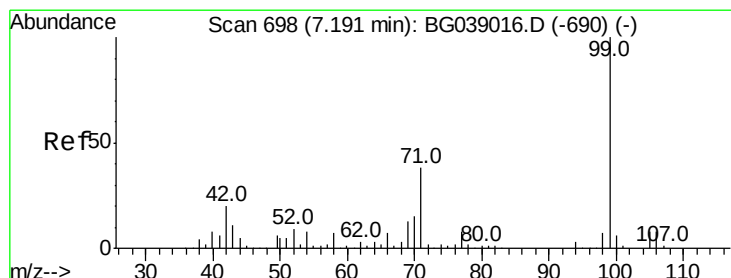
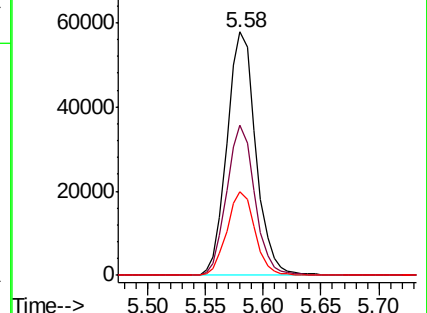
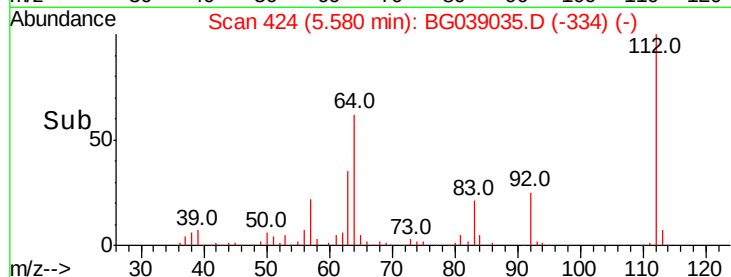
63 34.6 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 84.403 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

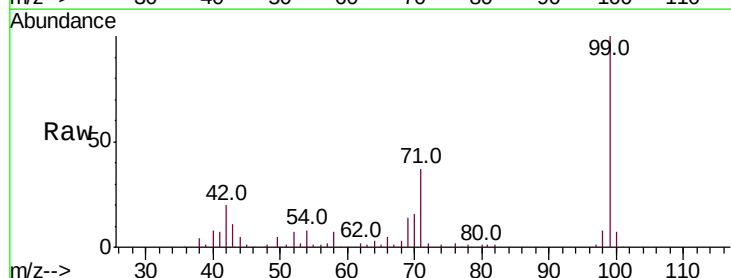
Tgt Ion: 99 Resp: 140716

Ion Ratio Lower Upper

99 100

42 20.5 15.8 23.6

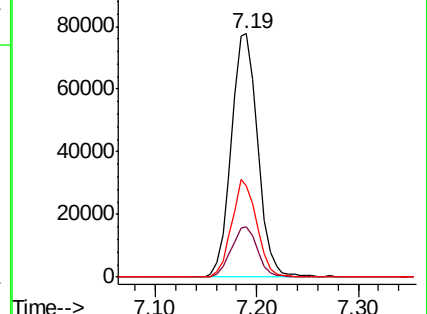
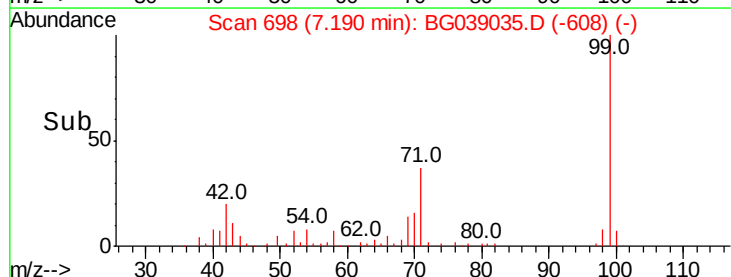
71 37.3 30.2 45.4

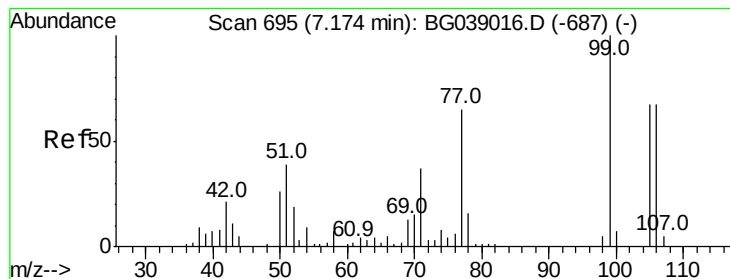


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 0.424 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.01 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampleId :

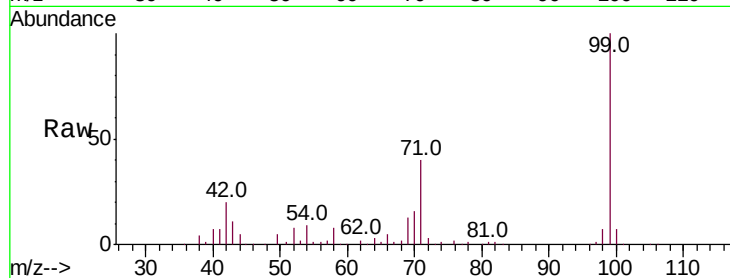
Tot Ion: 77 Resp: 408

Ion Ratio Lower Upper

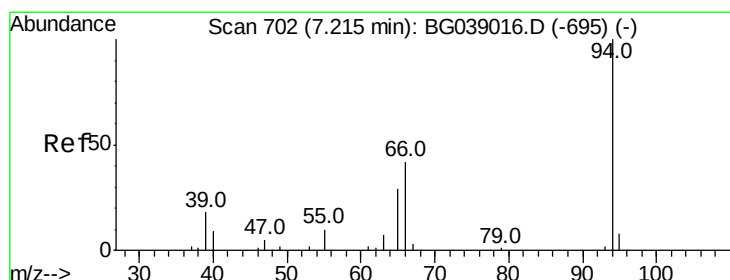
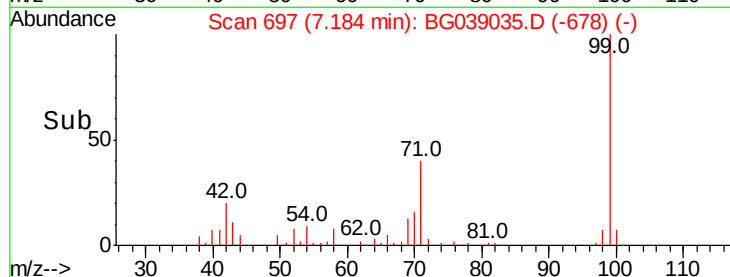
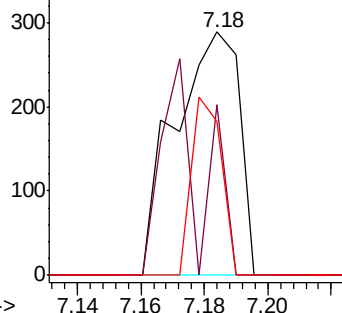
77 100

105 69.9 82.4 122.4#

106 63.3 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: 1.401 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

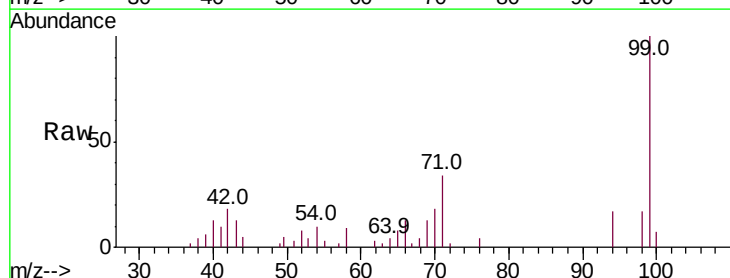
Tgt Ion: 94 Resp: 2341

Ion Ratio Lower Upper

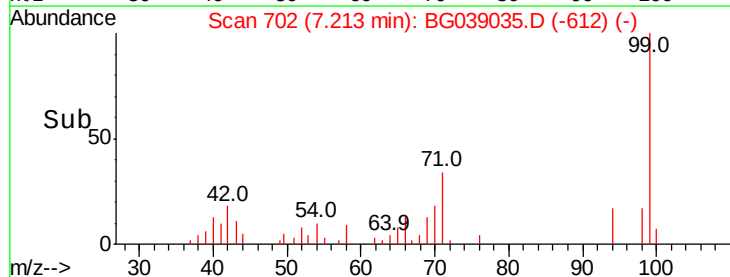
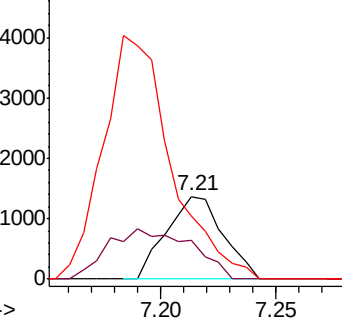
94 100

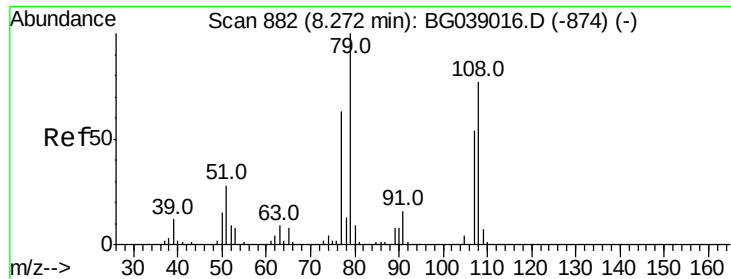
65 47.0 10.3 50.3

66 75.8 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

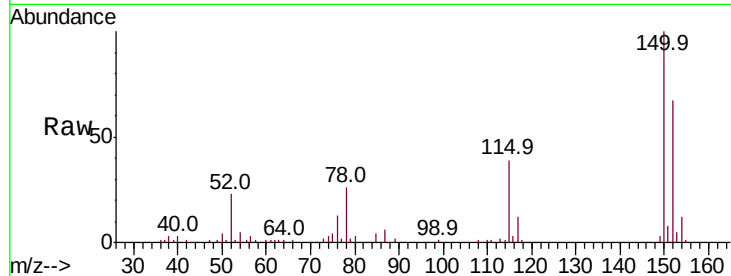




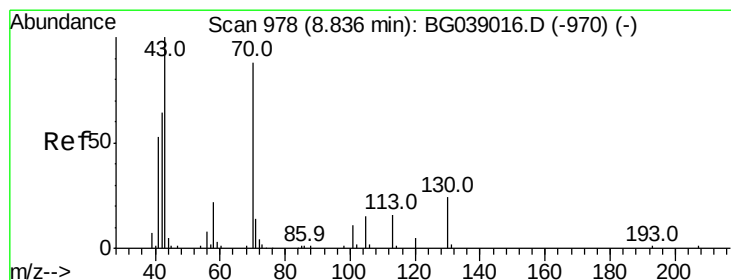
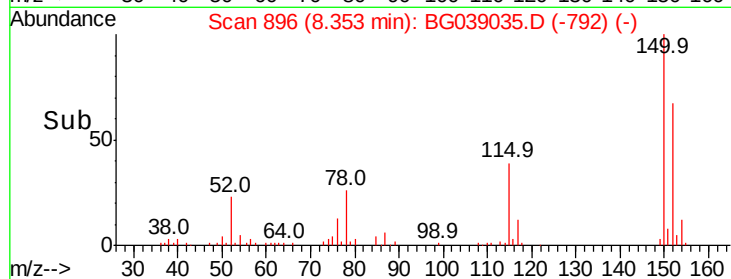
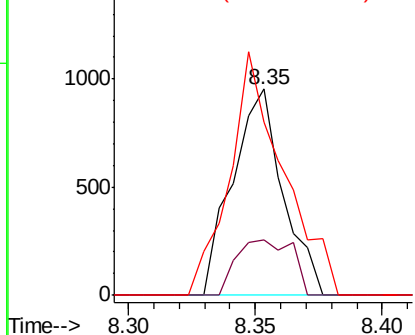
#15
Benzyl Alcohol
Concen: 1.055 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.08 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 1324
Ion Ratio Lower Upper
79 100
108 26.9 62.0 93.0#
77 84.1 50.1 75.1#



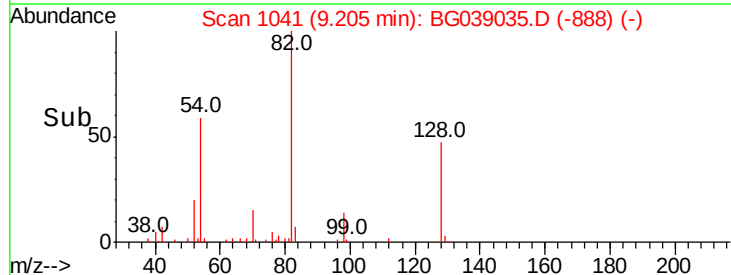
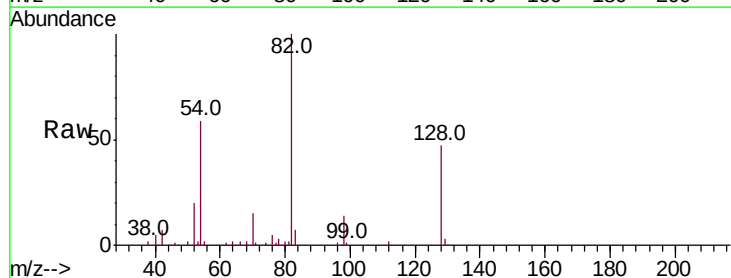
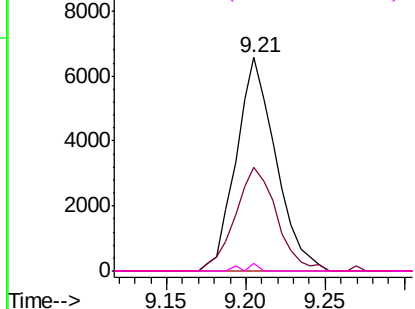
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

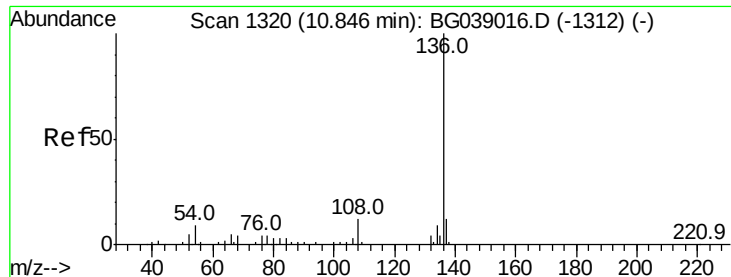


#19
n-Nitroso-di-n-propylamine
Concen: 10.377 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Tgt Ion: 70 Resp: 11361
Ion Ratio Lower Upper
70 100
42 48.4 59.0 88.4#
101 0.0 10.4 15.6#
130 3.4 21.6 32.4#

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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 91938

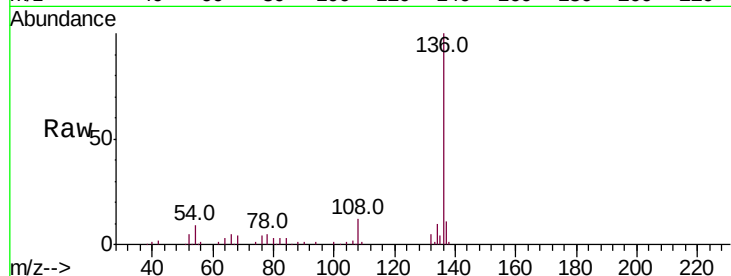
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.2

54 9.2 7.2 10.8

68 4.0 3.5 5.3

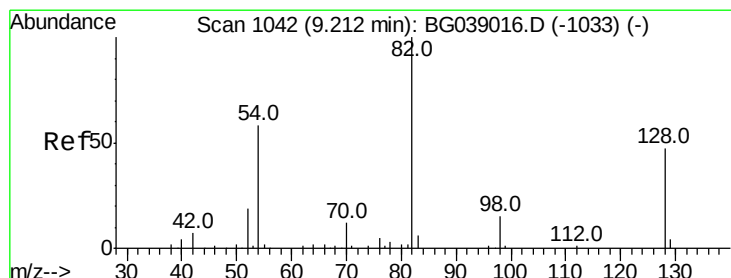
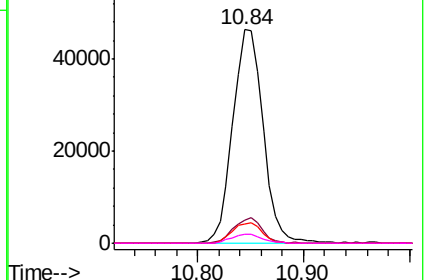
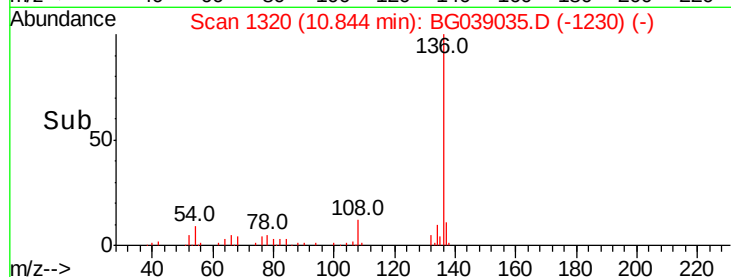


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 49.700 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

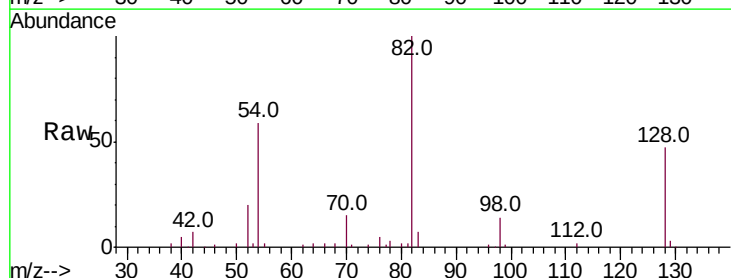
Tgt Ion: 82 Resp: 83505

Ion Ratio Lower Upper

82 100

128 46.9 37.3 55.9

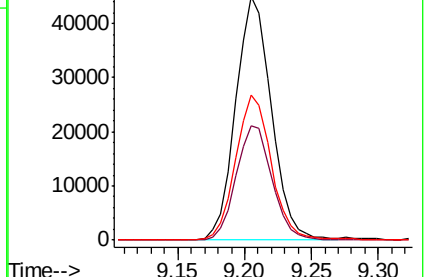
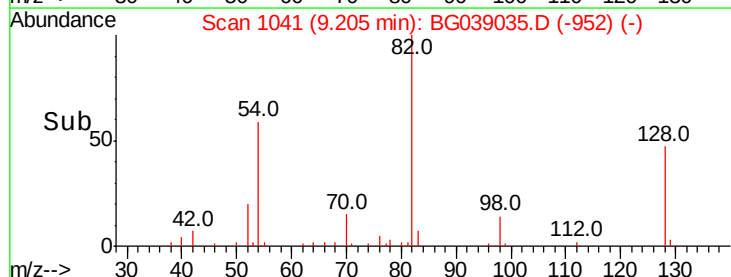
54 59.4 46.4 69.6

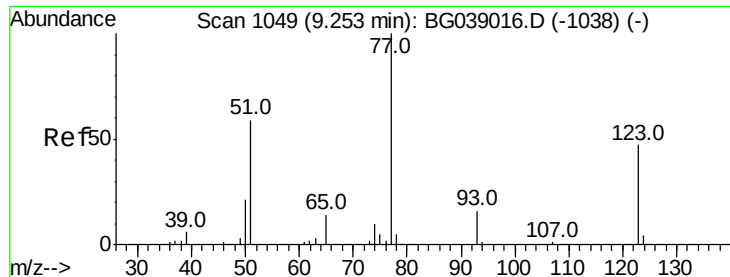


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG





#24

Nitrobenzene

Concen: 0.121 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.05 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampleId :

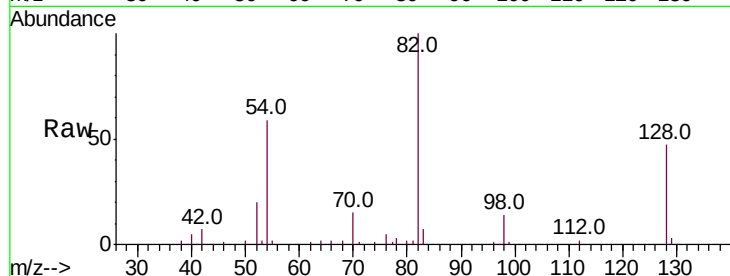
Tot Ion: 77 Resp: 205

Ion Ratio Lower Upper

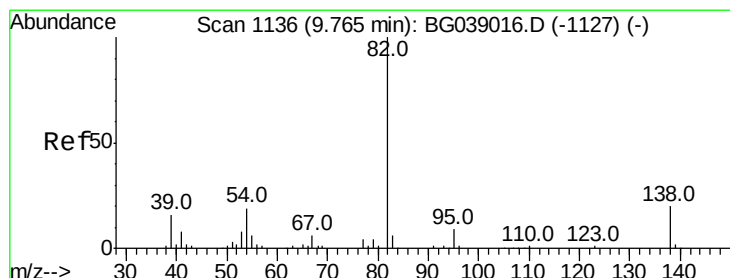
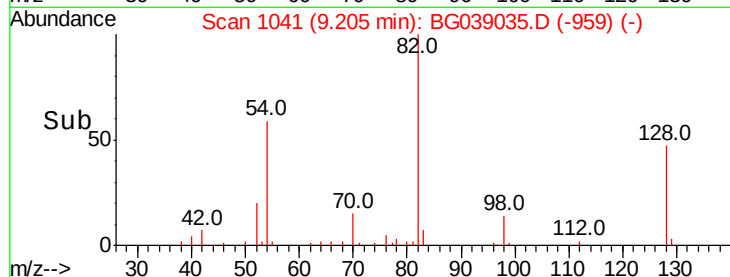
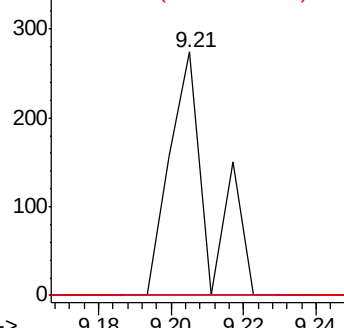
77 100

123 0.0 37.6 56.4#

65 0.0 11.0 16.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#25

Isophorone

Concen: 0.071 ng

RT: 9.35 min Scan# 1066

Delta R.T. -0.41 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

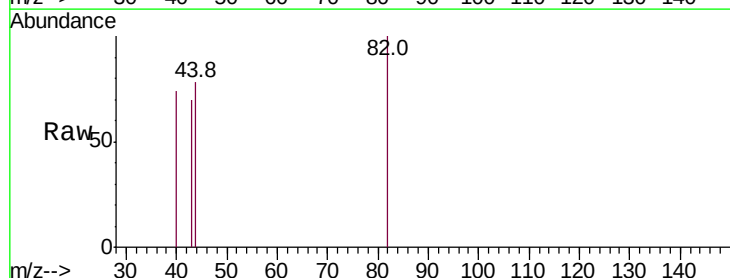
Tgt Ion: 82 Resp: 206

Ion Ratio Lower Upper

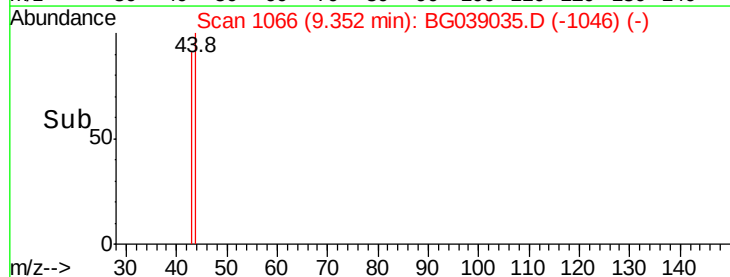
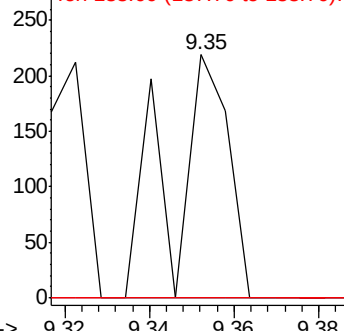
82 100

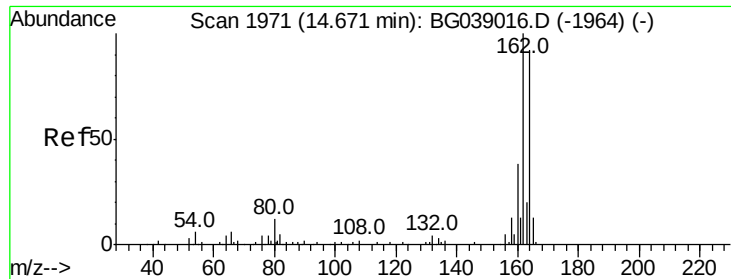
95 0.0 7.0 10.6#

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

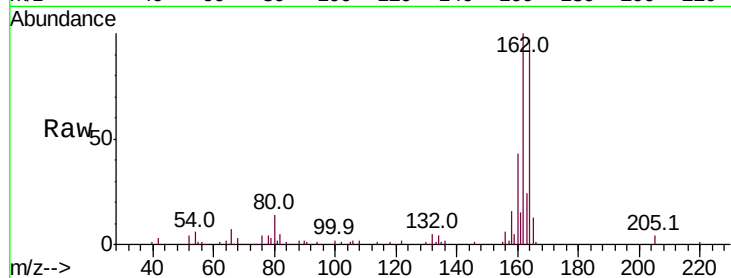




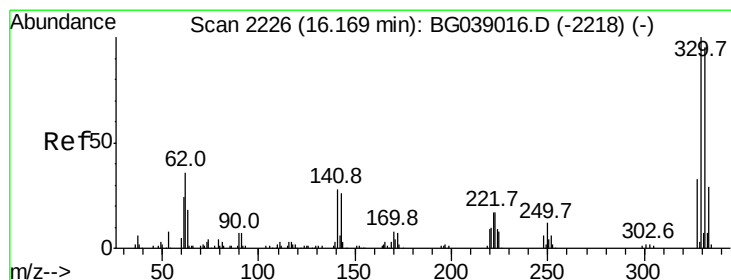
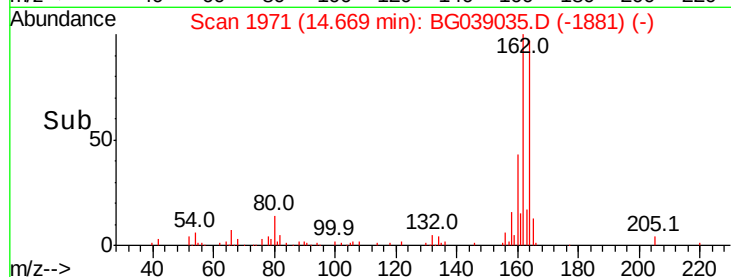
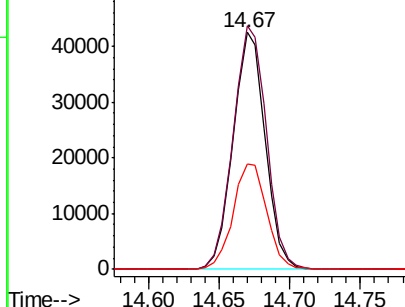
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 67217
Ion Ratio Lower Upper
164 100
162 102.7 87.2 130.8
160 44.2 33.3 49.9

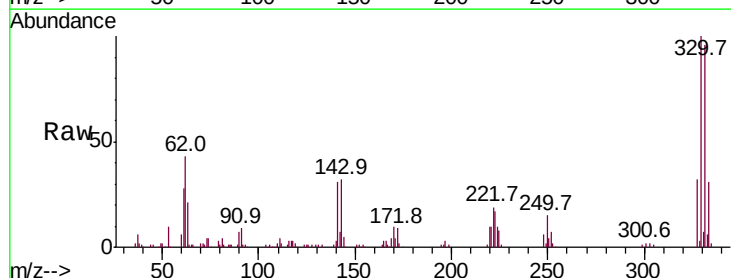


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

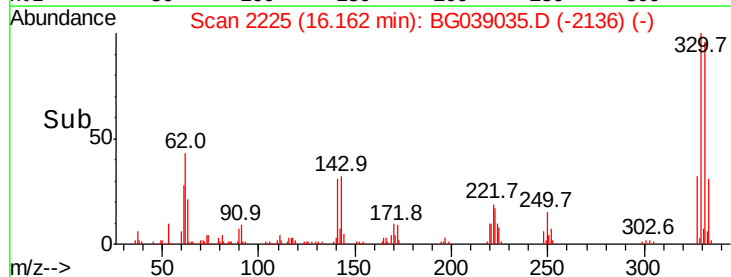
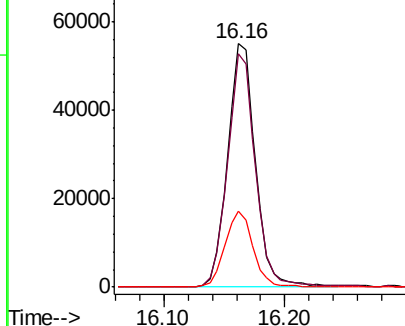


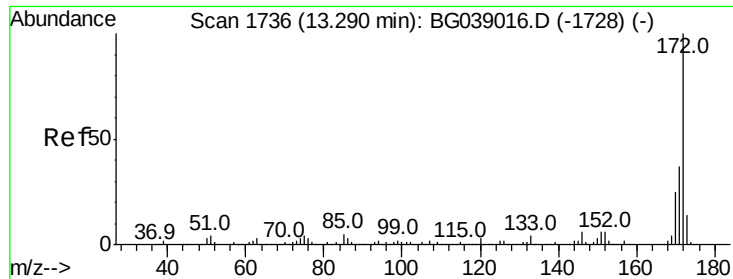
#42
2,4,6-Tribromophenol
Concen: 78.121 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Tgt Ion:330 Resp: 88022
Ion Ratio Lower Upper
330 100
332 95.5 75.7 113.5
141 31.2 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

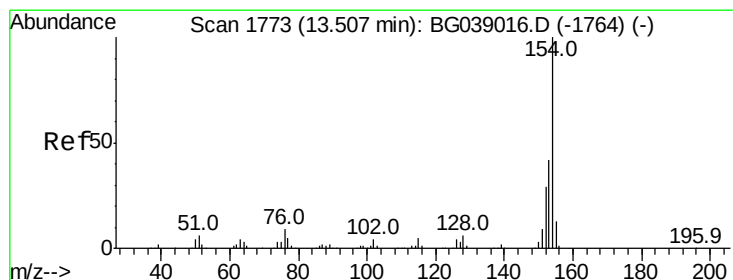
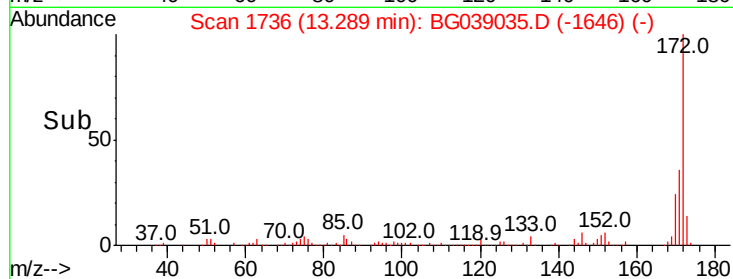
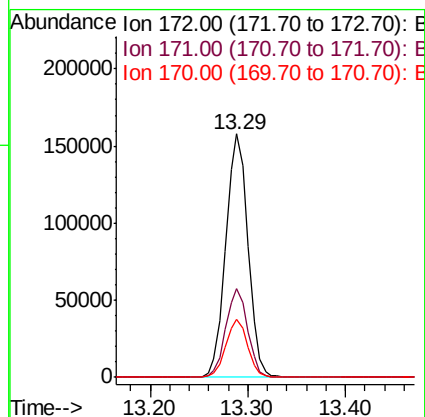
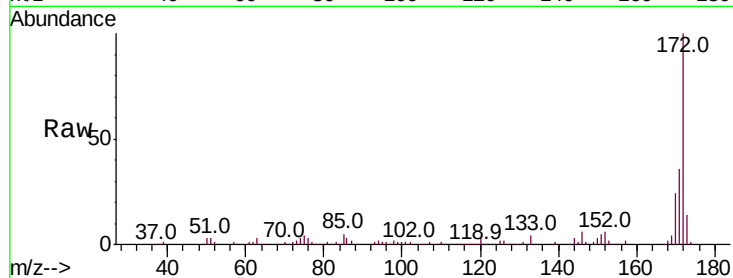




#45
 2-Fluorobiphenyl
 Concen: 50.587 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039035.D
 Acq: 10 Jan 2019 00:24

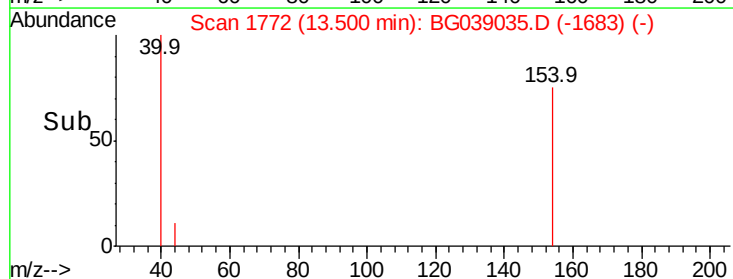
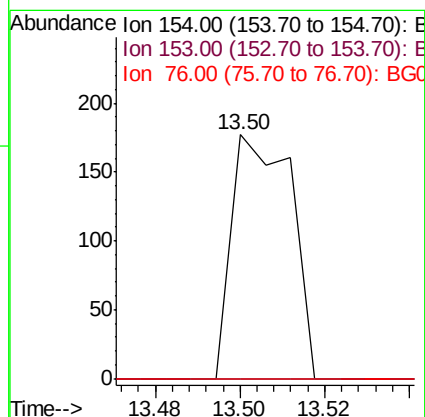
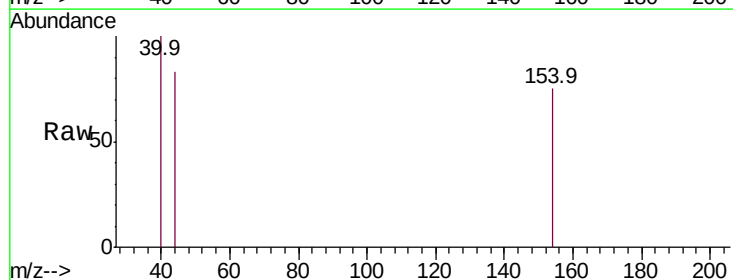
Instrument :
 BNA_G
 ClientSampleId :

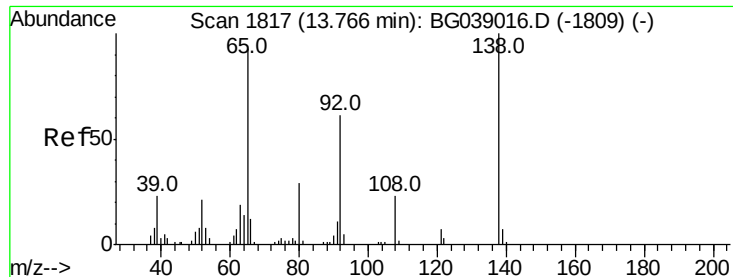
Tot Ion:172 Resp: 248459
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 23.6 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 0.033 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG039035.D
 Acq: 10 Jan 2019 00:24

Tgt Ion:154 Resp: 174
 Ion Ratio Lower Upper
 154 100
 153 0.0 22.4 62.4#
 76 0.0 0.0 29.4

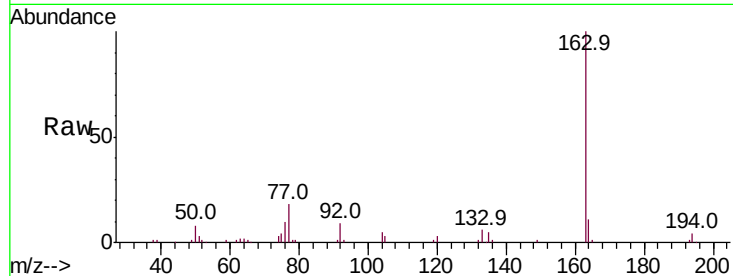




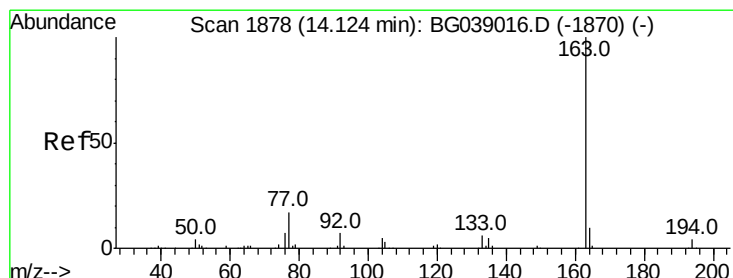
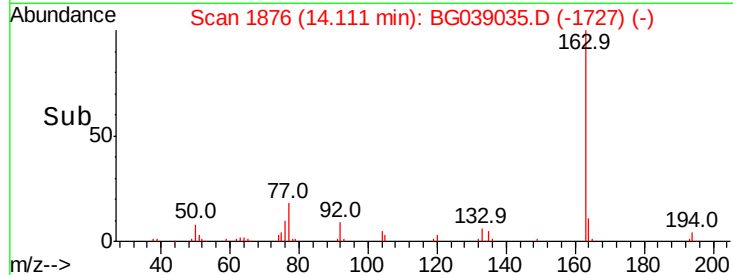
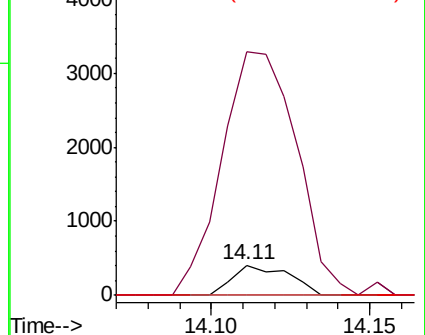
#48
2-Nitroaniline
Concen: 0.415 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.35 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 501
Ion Ratio Lower Upper
65 100
92 802.4 52.2 78.4#
138 0.0 86.0 129.0#

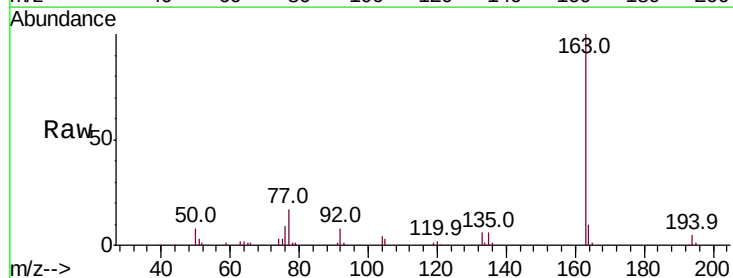


Abundance Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG
Ion 138.00 (137.70 to 138.70): E

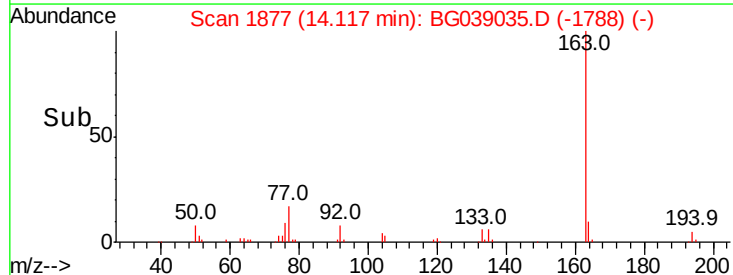
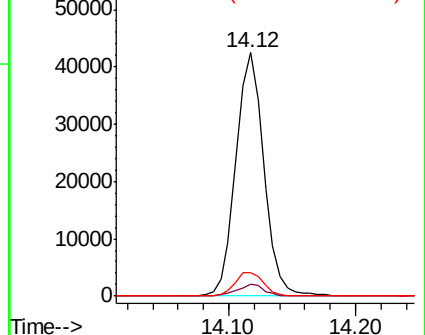


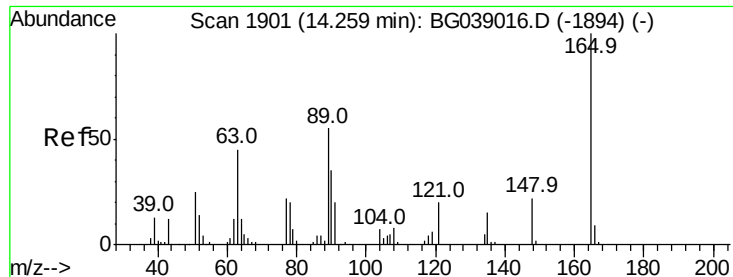
#50
Dimethylphthalate
Concen: 11.403 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Tgt Ion:163 Resp: 64769
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

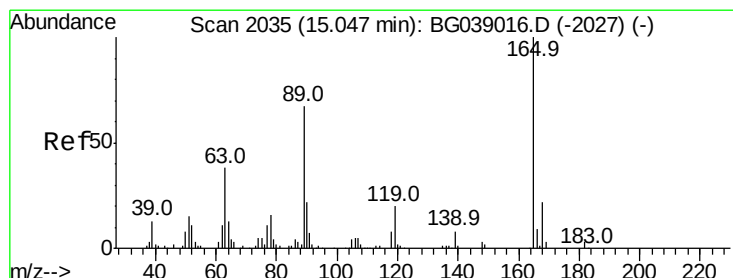
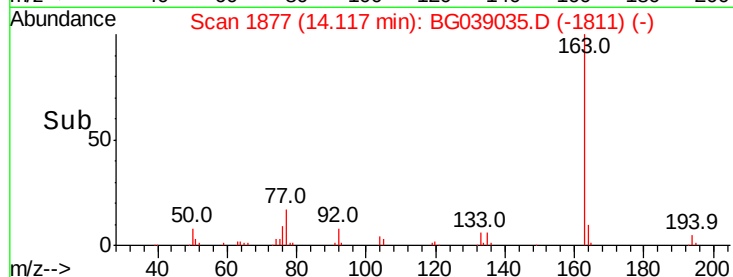
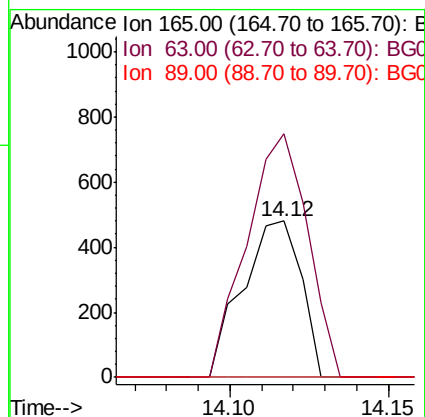
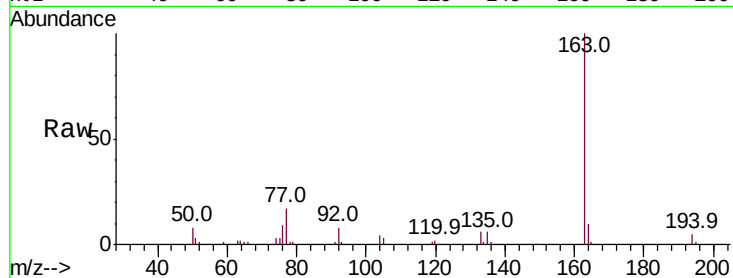




#51
2,6-Dinitrotoluene
Concen: 0.485 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.14 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

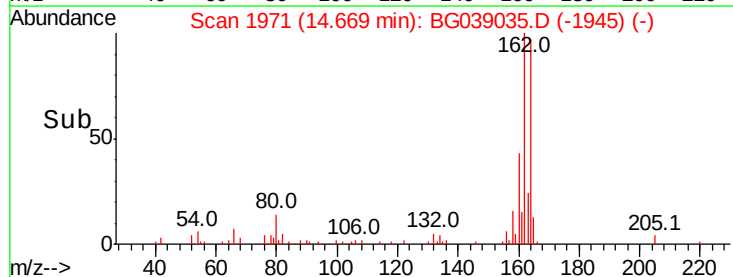
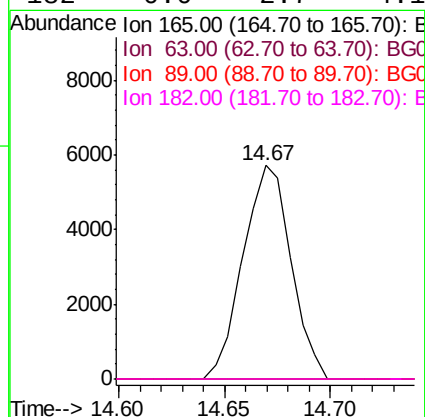
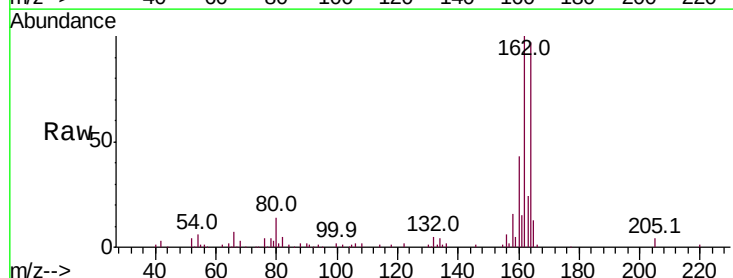
Instrument :
BNA_G
ClientSampleId :

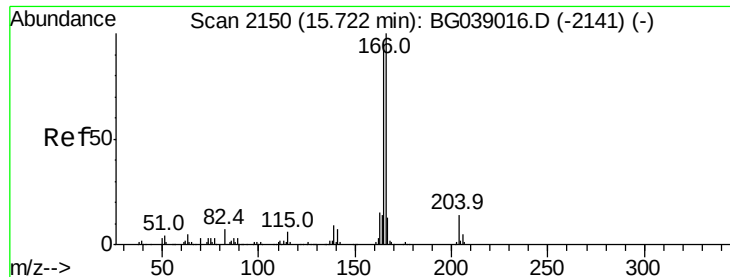
Tot Ion:165 Resp: 616
Ion Ratio Lower Upper
165 100
63 155.5 43.6 65.4#
89 0.0 43.7 65.5#



#57
2,4-Dinitrotoluene
Concen: 4.941 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.38 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Tgt Ion:165 Resp: 9003
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#





#58

Fluorene

Concen: 0.534 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.44 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampleId :

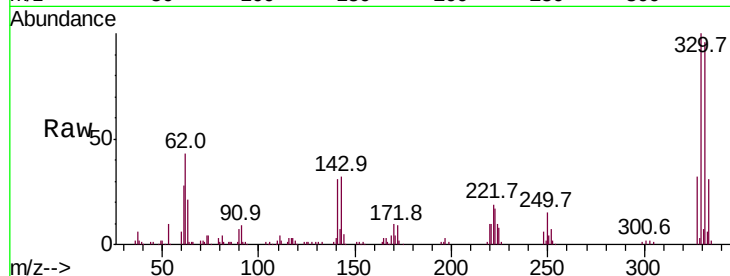
Tot Ion:166 Resp: 2765

Ion Ratio Lower Upper

166 100

165 91.4 76.2 114.2

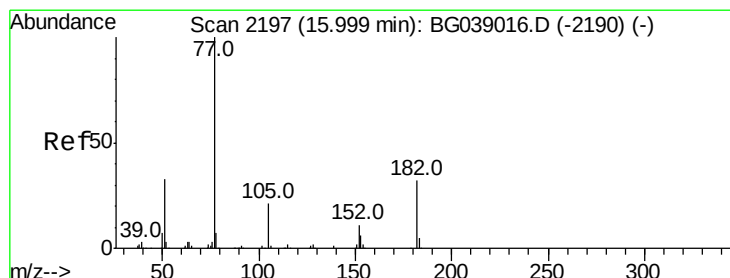
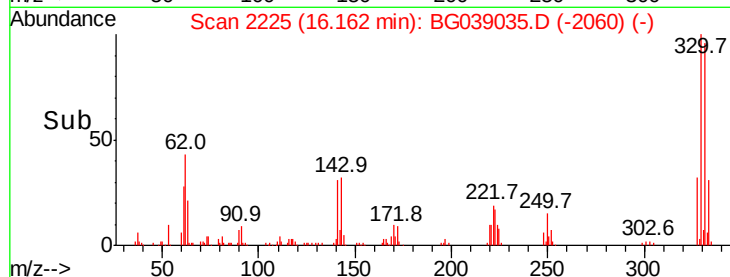
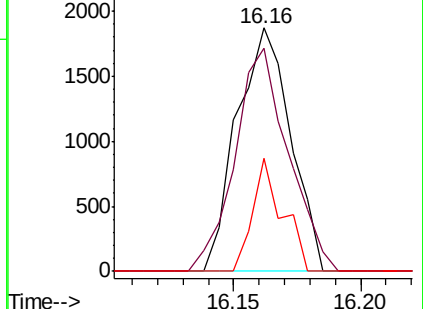
167 46.6 10.6 16.0#



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: 0.034 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.17 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Tgt Ion: 77 Resp: 154

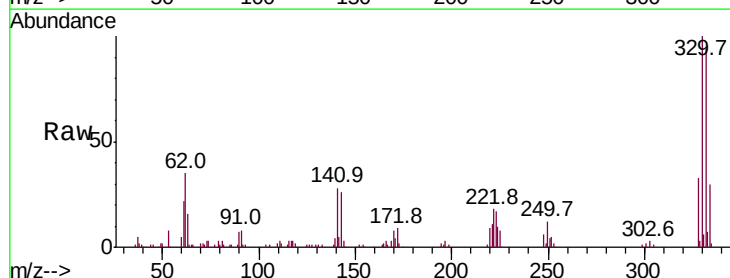
Ion Ratio Lower Upper

77 100

182 0.0 12.2 52.2#

105 83.5 1.2 41.2#

51 0.0 13.4 53.4#

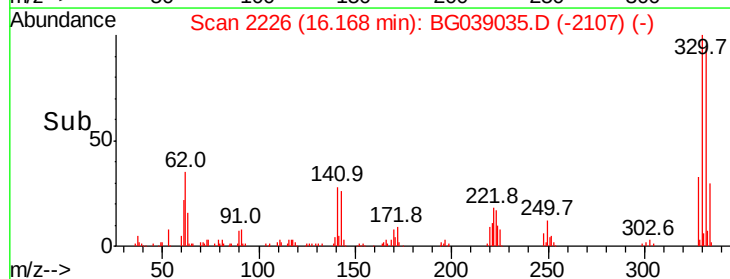
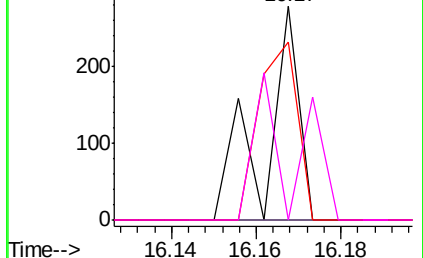


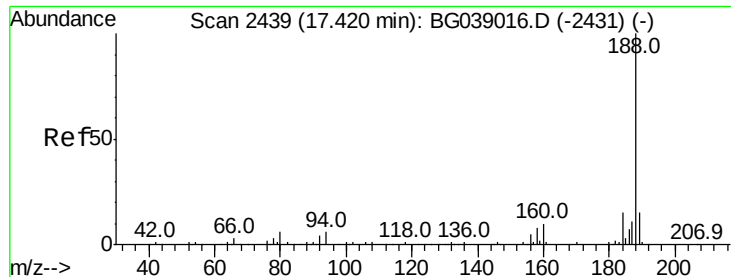
Abundance Ion 77.00 (76.70 to 77.70): BGC

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): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampleId :

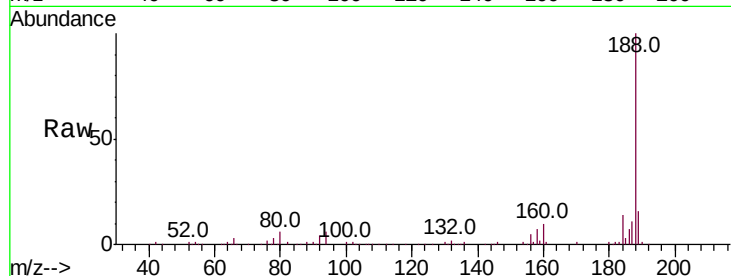
Tot Ion:188 Resp: 183759

Ion Ratio Lower Upper

188 100

94 6.3 5.0 7.4

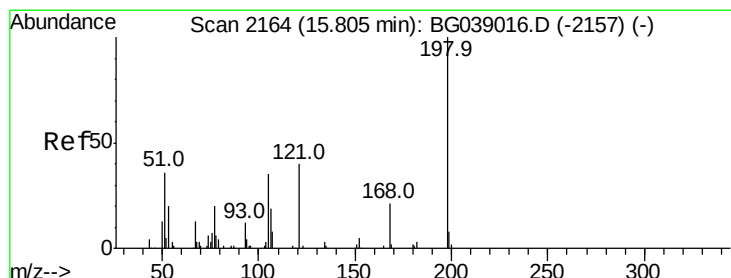
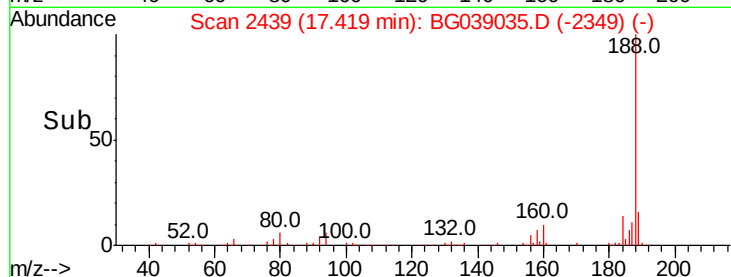
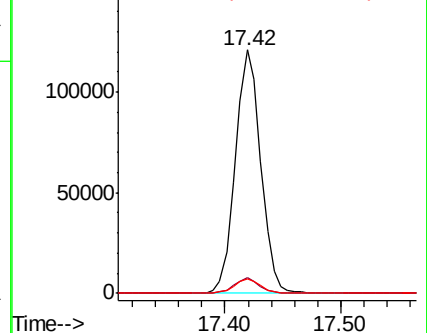
80 6.2 4.7 7.1



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: 0.046 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.35 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

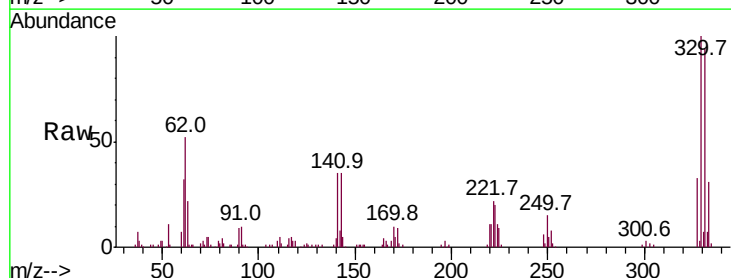
Tgt Ion:198 Resp: 63

Ion Ratio Lower Upper

198 100

51 0.0 20.8 60.8#

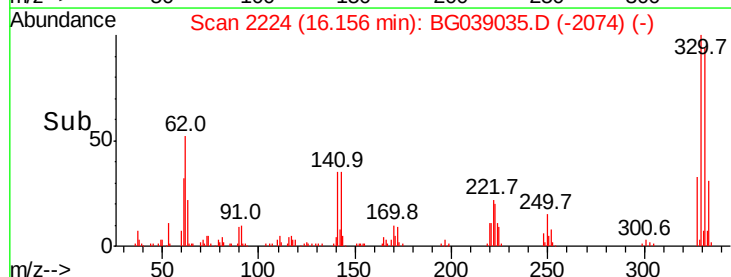
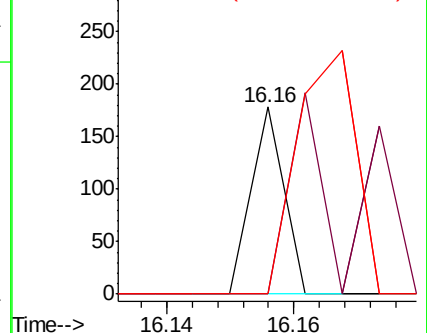
105 0.0 16.1 56.1#

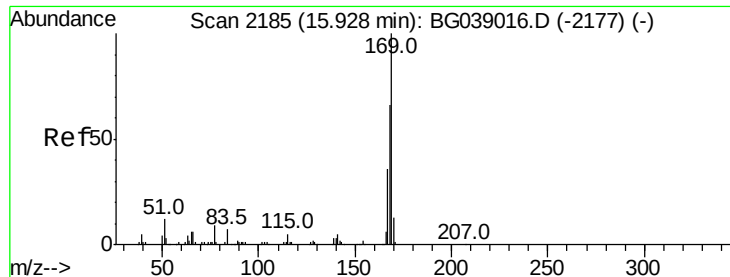


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

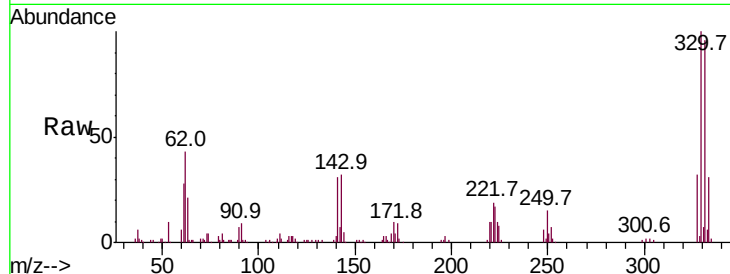




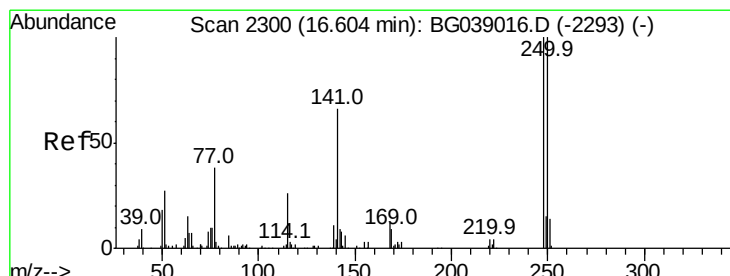
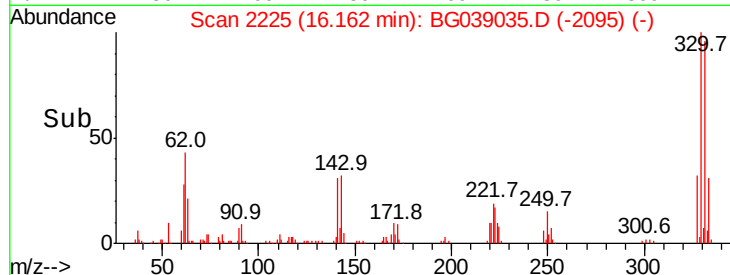
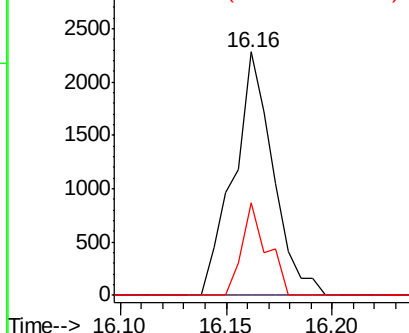
#66
 n-Nitrosodiphenylamine
 Concen: 0.541 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.23 min
 Lab File: BG039035.D
 Acq: 10 Jan 2019 00:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 2948
 Ion Ratio Lower Upper
 169 100
 168 0.0 53.2 79.8#
 167 38.3 29.1 43.7

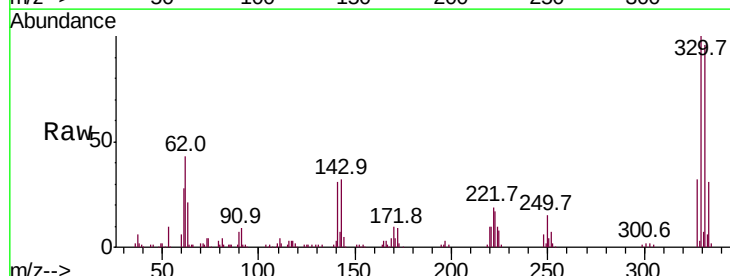


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

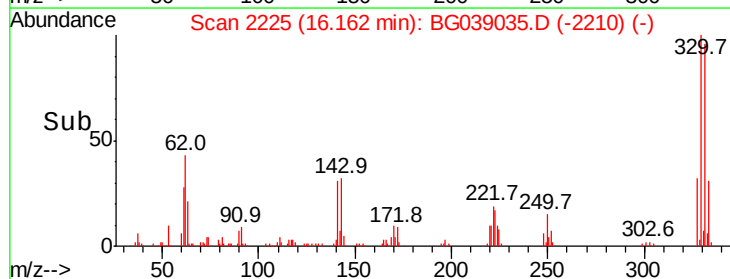
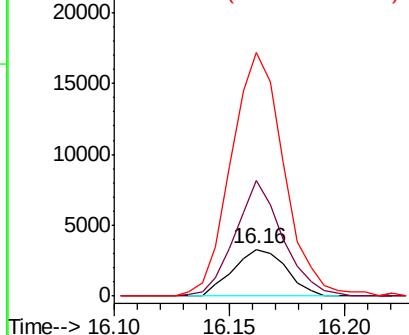


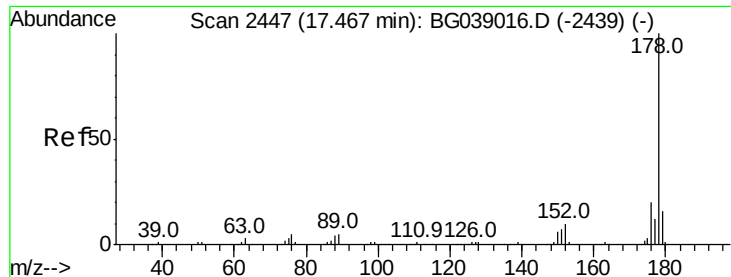
#67
 4-Bromophenyl-phenylether
 Concen: 2.240 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG039035.D
 Acq: 10 Jan 2019 00:24

Tgt Ion:248 Resp: 5292
 Ion Ratio Lower Upper
 248 100
 250 306.3 79.9 119.9#
 141 517.3 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





#71

Phenanthrene

Concen: 0.041 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampleId :

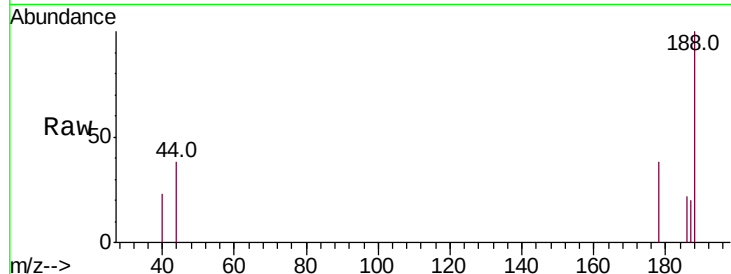
Tot Ion:178 Resp: 401

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

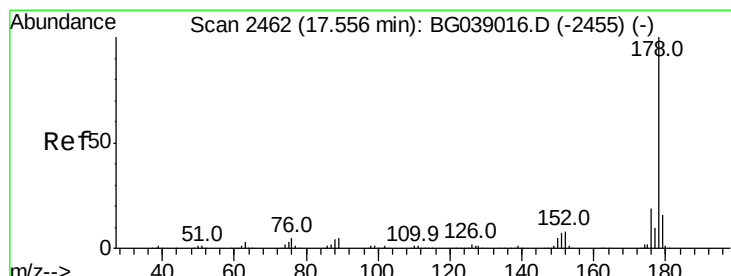
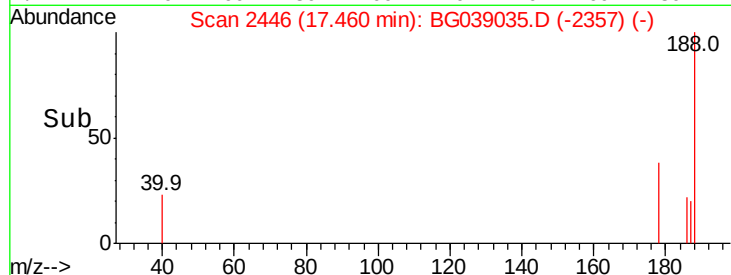
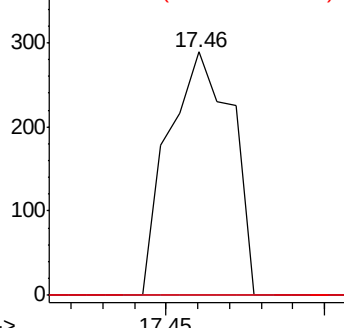
179 0.0 12.9 19.3#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 0.042 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.10 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

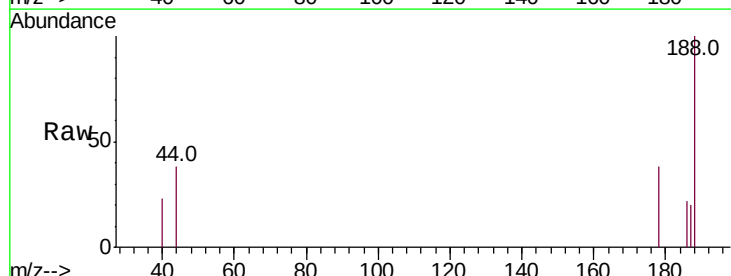
Tgt Ion:178 Resp: 401

Ion Ratio Lower Upper

178 100

176 0.0 14.9 22.3#

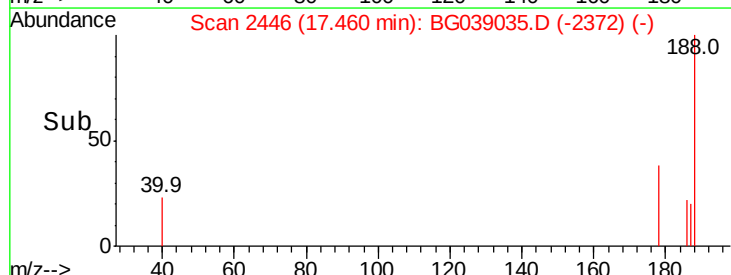
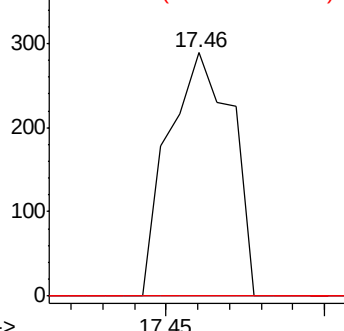
179 0.0 13.0 19.4#

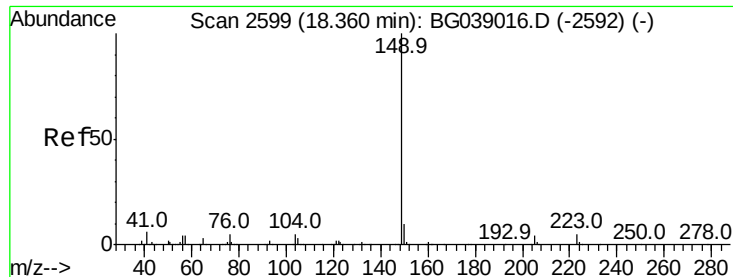


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.006 ng

RT: 18.36 min Scan# 2600

Delta R.T. 0.00 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampleId :

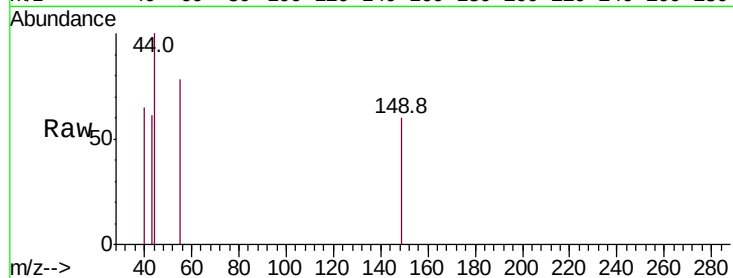
Tot Ion:149 Resp: 60

Ion Ratio Lower Upper

149 100

150 0.0 7.9 11.9#

104 0.0 4.2 6.2#

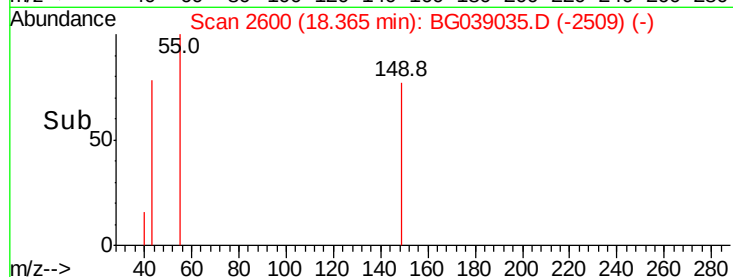


Abundance Ion 149.00 (148.70 to 149.70): E

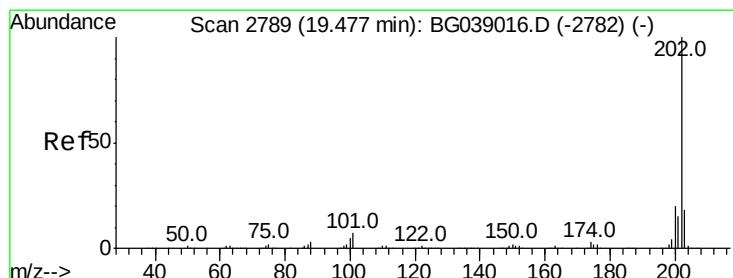
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.36



Time-->



#75

Fluoranthene

Concen: 0.045 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

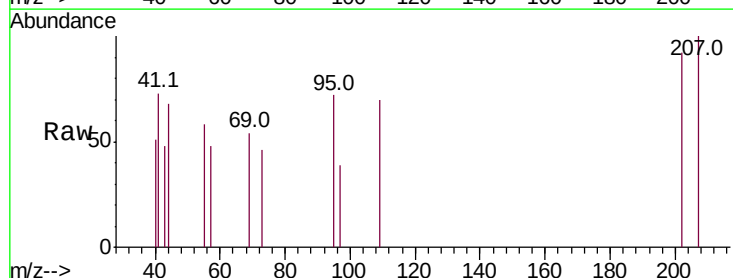
Tgt Ion:202 Resp: 536

Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.9

203 0.0 0.0 38.1

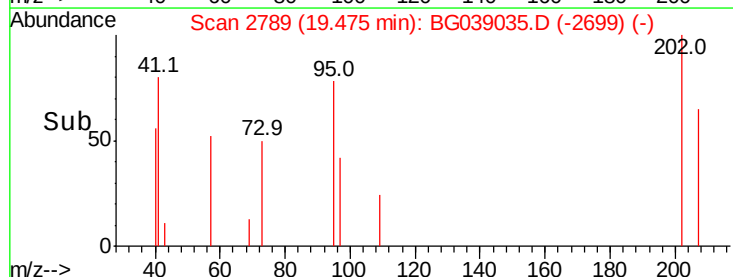


Abundance Ion 202.00 (201.70 to 202.70): E

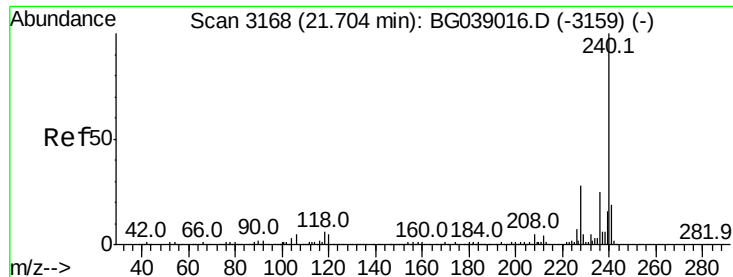
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.48



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampleId :

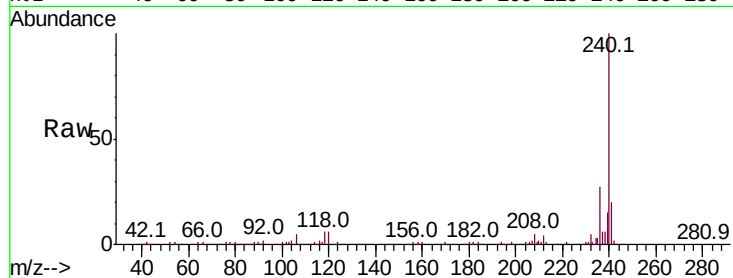
Tot Ion:240 Resp: 194093

Ion Ratio Lower Upper

240 100

120 6.2 4.3 6.5

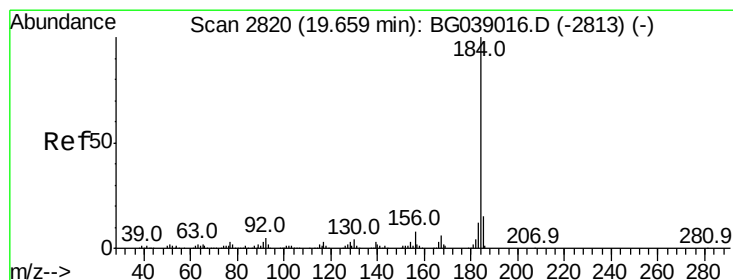
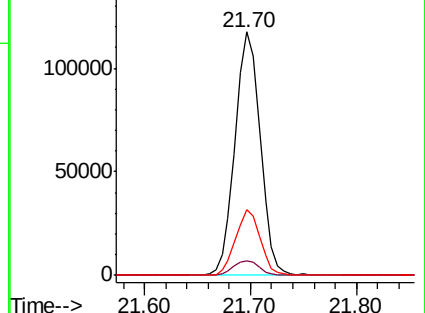
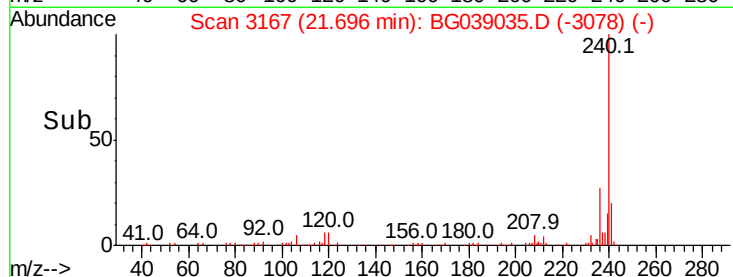
236 26.8 20.1 30.1



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: 1.324 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

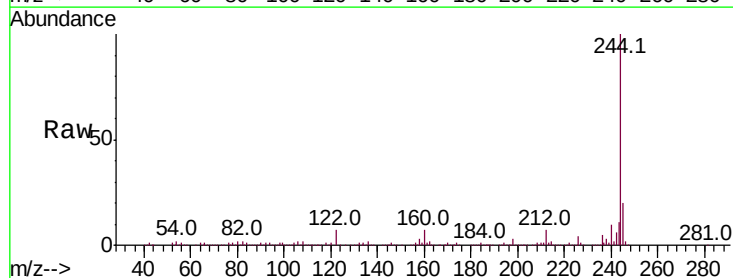
Tgt Ion:184 Resp: 7859

Ion Ratio Lower Upper

184 100

185 16.6 12.1 18.1

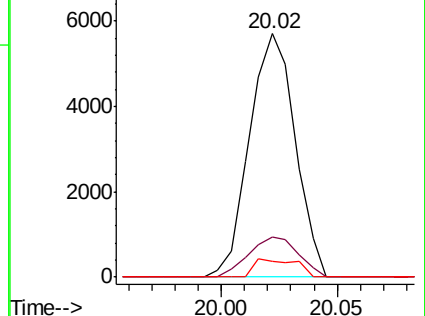
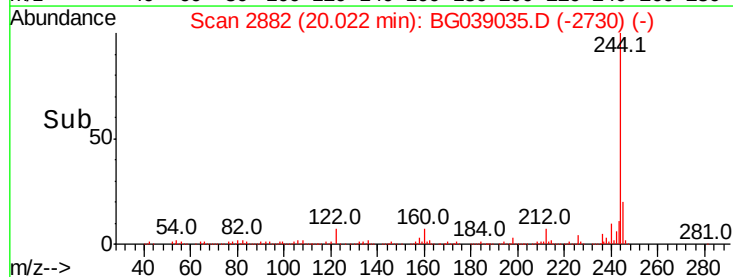
183 6.3 9.5 14.3#

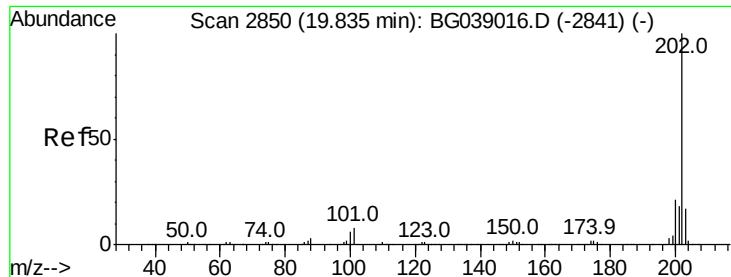


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

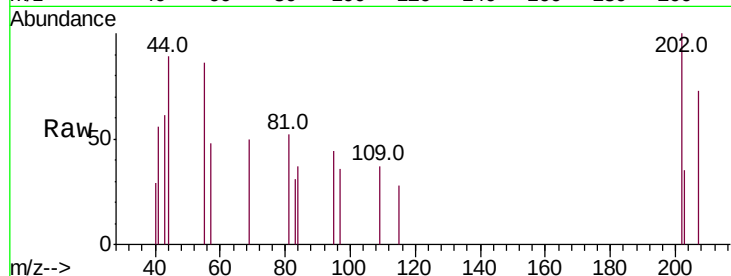




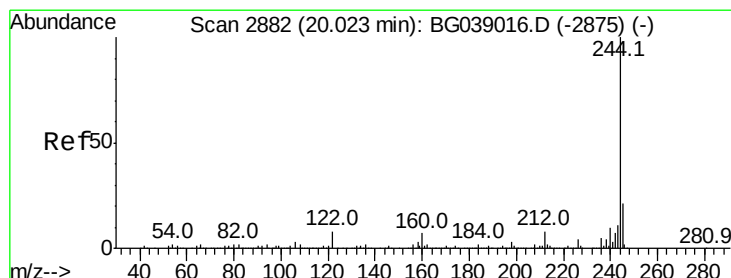
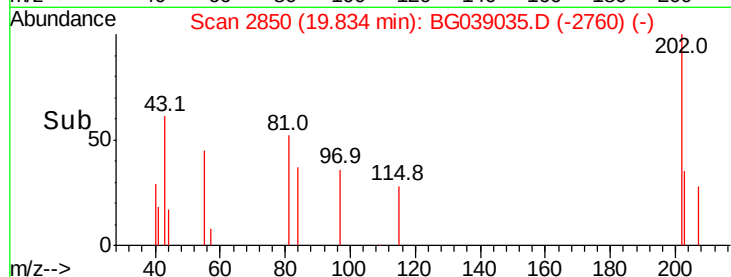
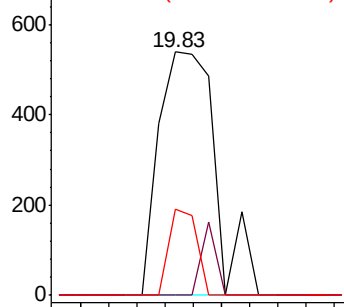
#78
Pvrene
Concen: 0.061 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:202 Resp: 749
Ion Ratio Lower Upper
202 100
200 0.0 17.0 25.6#
203 35.4 14.0 21.0#

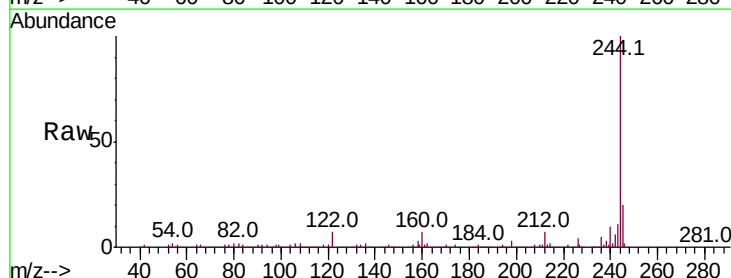


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

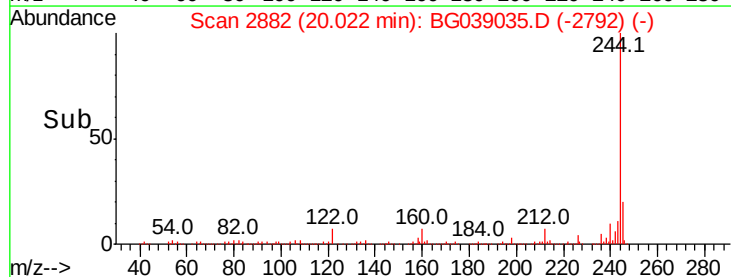
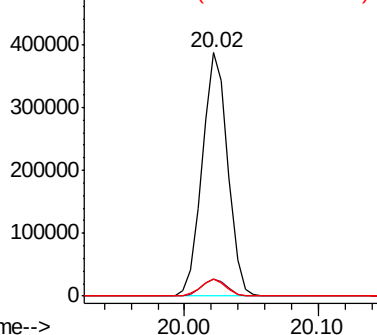


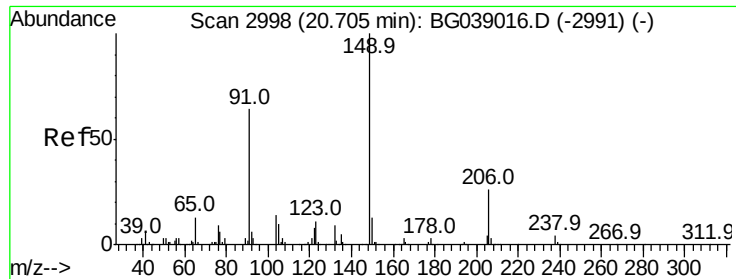
#79
Terphenyl-d14
Concen: 49.279 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Tgt Ion:244 Resp: 517044
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.8 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





#80

Butylbenzylphthalate

Concen: 0.034 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.02 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampled :

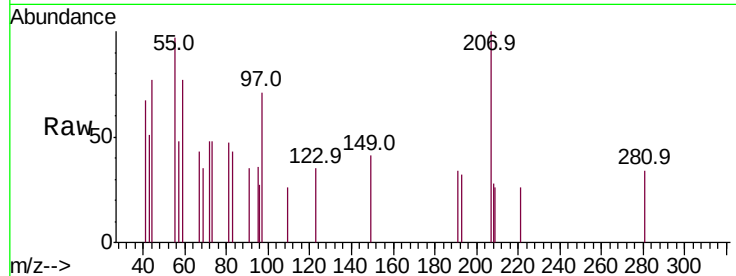
Tot Ion:149 Resp: 160

Ion Ratio Lower Upper

149 100

91 87.5 51.4 77.0#

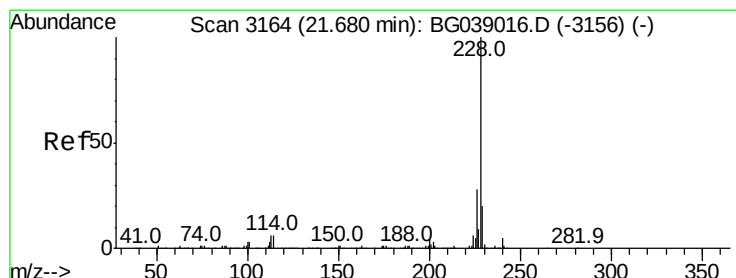
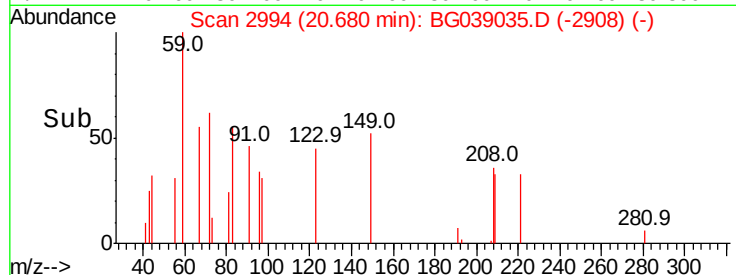
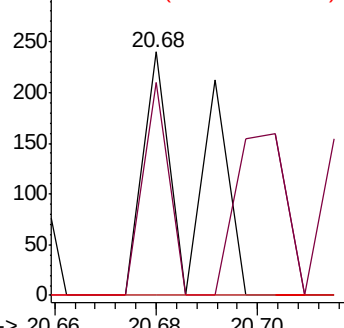
206 0.0 20.4 30.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 0.063 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.01 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

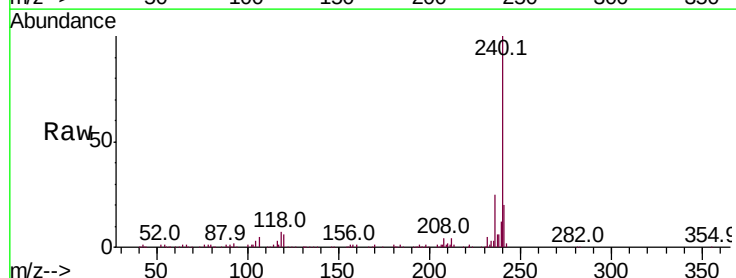
Tgt Ion:228 Resp: 739

Ion Ratio Lower Upper

228 100

226 0.0 22.4 33.6#

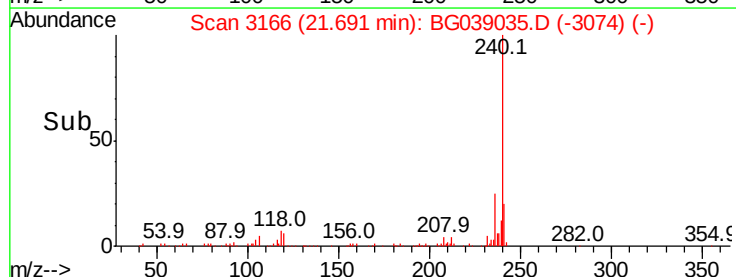
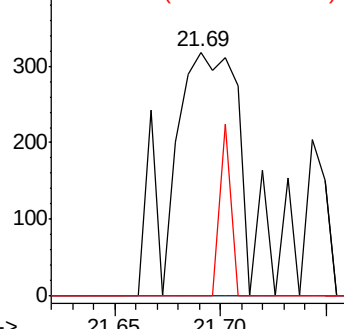
229 0.0 16.2 24.2#

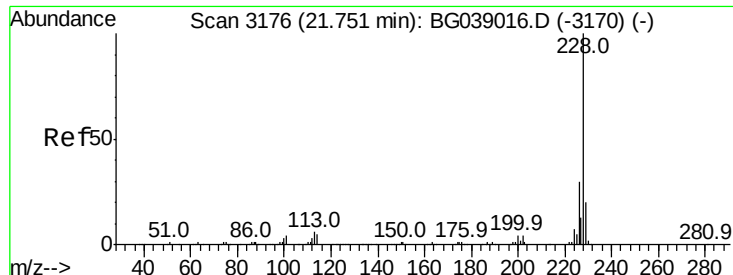


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.016 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampleId :

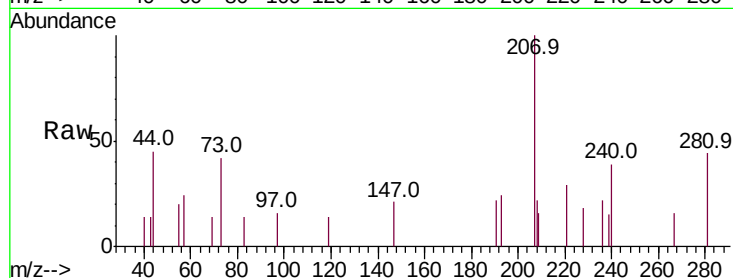
Tot Ion:228 Resp: 179

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

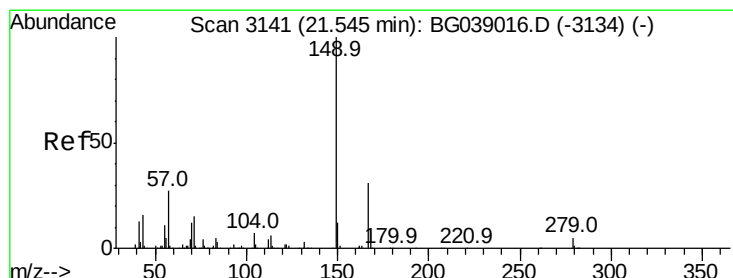
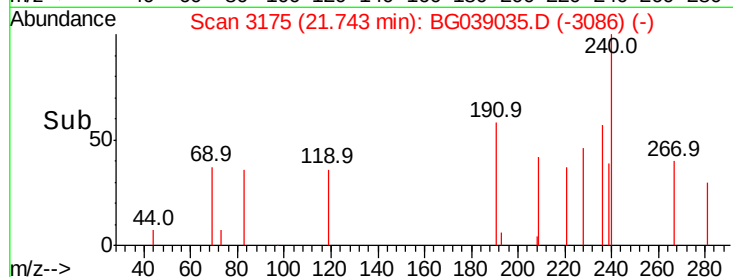
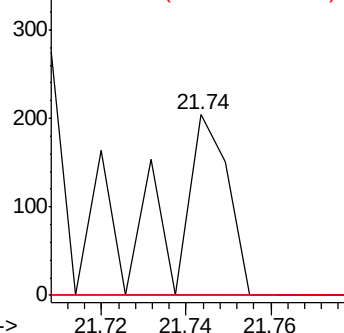
229 0.0 16.0 24.0#



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: 0.110 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

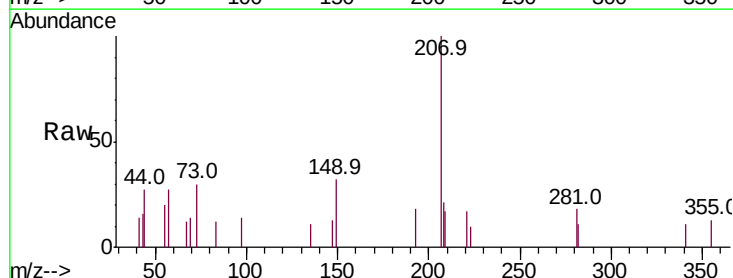
Tgt Ion:149 Resp: 718

Ion Ratio Lower Upper

149 100

167 0.0 25.0 37.4#

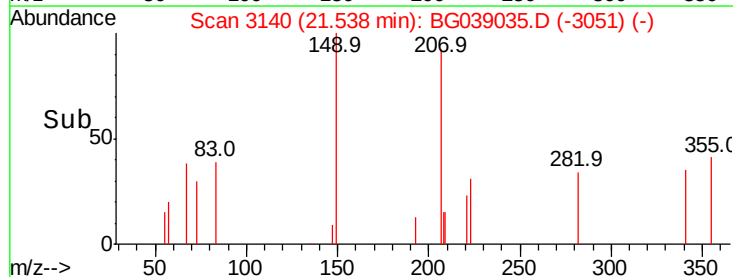
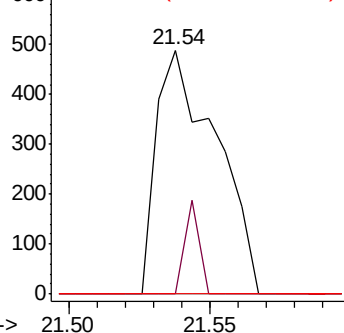
279 0.0 4.3 6.5#

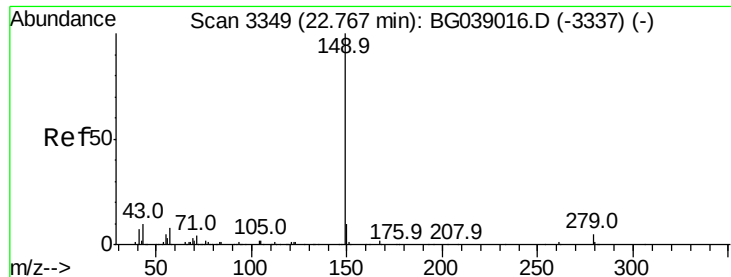


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

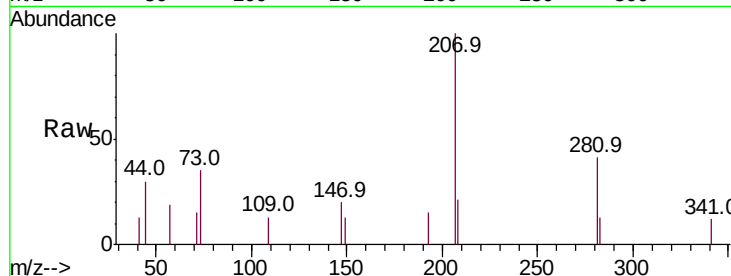




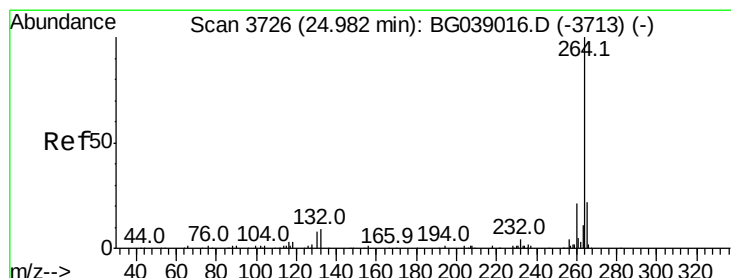
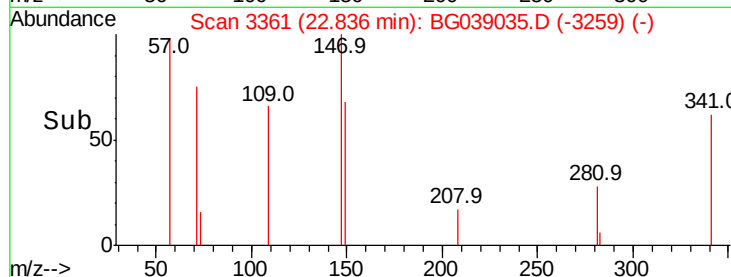
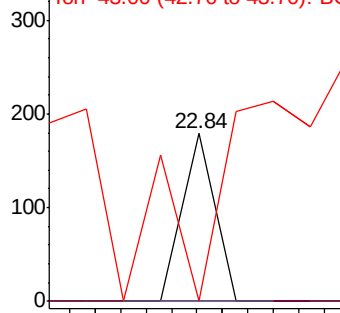
#85
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 22.84 min Scan# 3361
Delta R.T. 0.07 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 63
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 315.9 7.5 11.3#

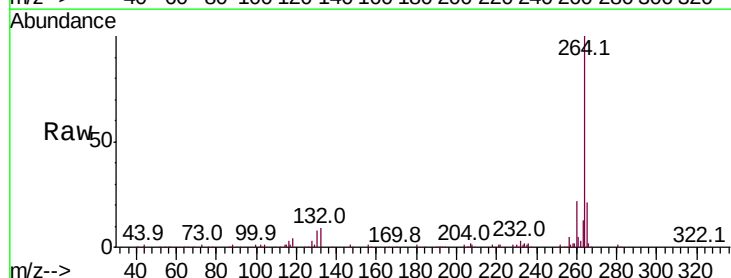


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

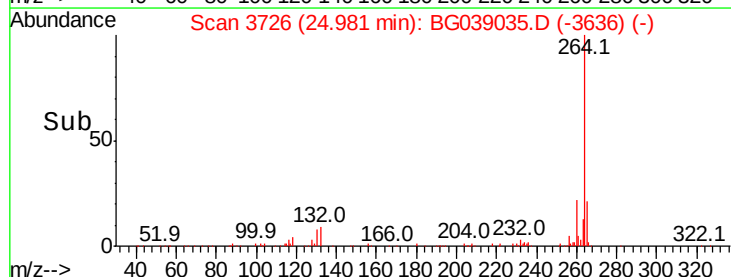
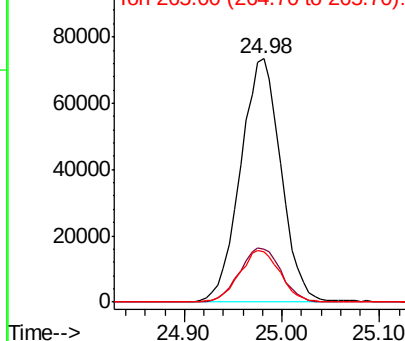


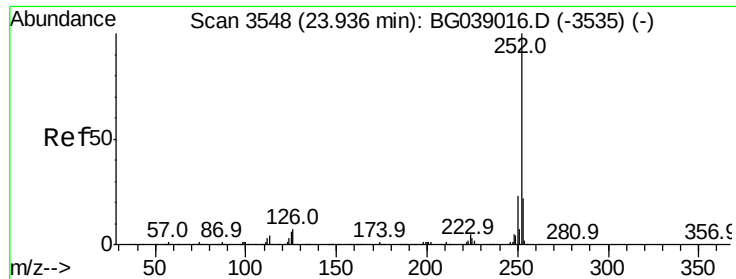
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG039035.D
Acq: 10 Jan 2019 00:24

Tgt Ion:264 Resp: 213166
Ion Ratio Lower Upper
264 100
260 21.7 17.0 25.6
265 20.9 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





#88

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 23.93 min Scan# 3547

Delta R.T. -0.01 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampled :

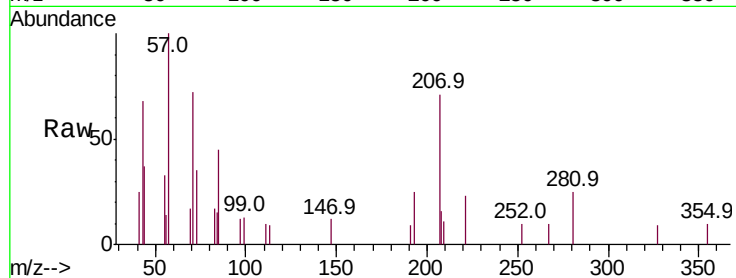
Tot Ion:252 Resp: 58

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

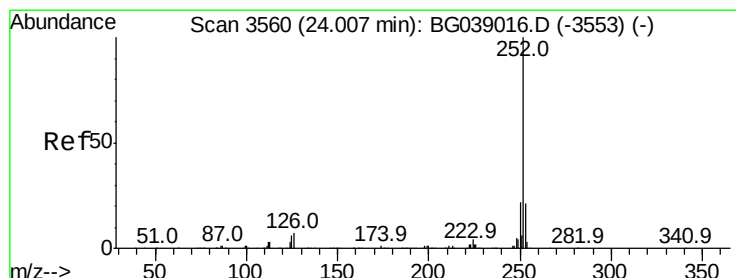
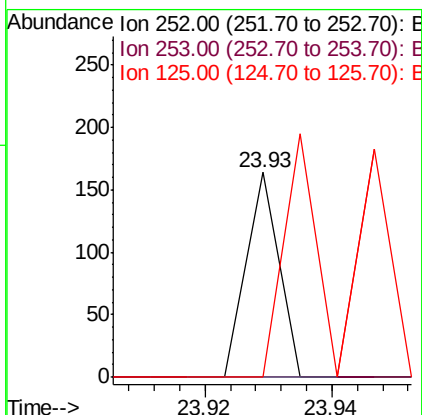
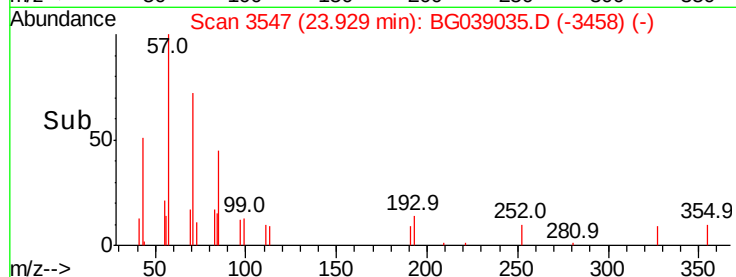
125 0.0 4.9 7.3#



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



#89

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 23.93 min Scan# 3547

Delta R.T. -0.08 min

Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

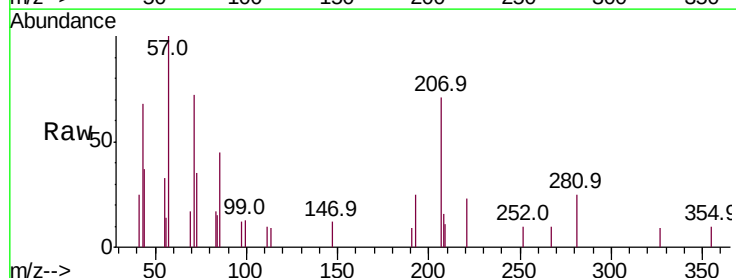
Tgt Ion:252 Resp: 58

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

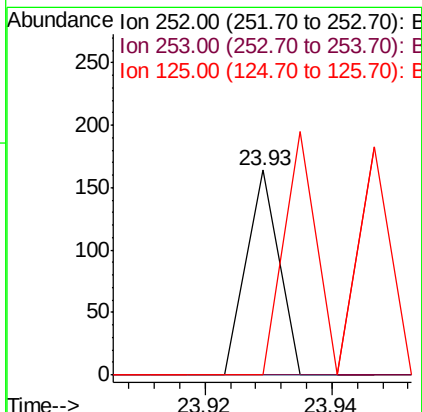
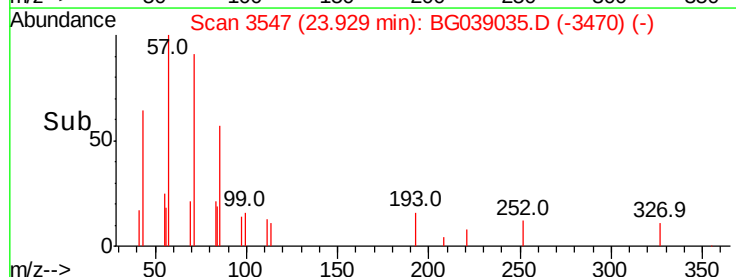
125 0.0 4.6 7.0#

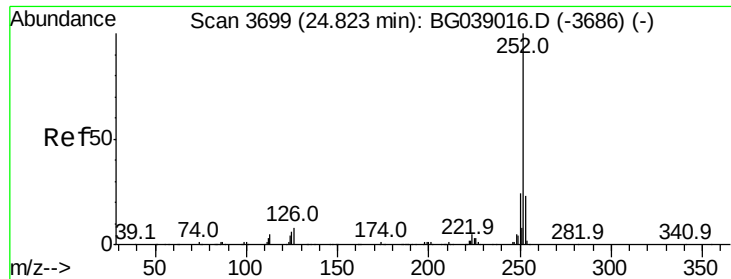


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.066 ng

RT: 24.98 min Scan# 3726

Delta R.T. 0.16 min

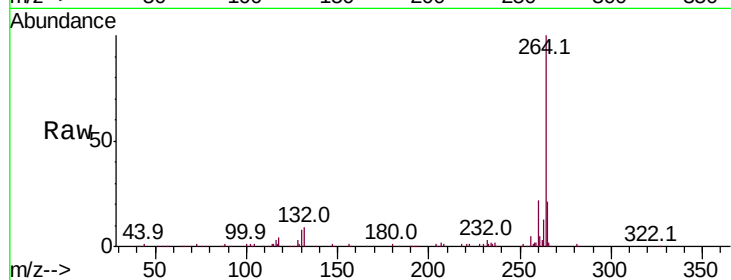
Lab File: BG039035.D

Acq: 10 Jan 2019 00:24

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	252	Resp:	752
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	4.9	7.3#

