

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039034.D
 Acq On : 9 Jan 2019 23:44
 Operator : JU/SJ
 Sample : K1087-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:24:05 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	20794	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	83363	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	61587	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	168430	20.00	ng	0.00
76) Chrysene-d12	21.70	240	179283	20.00	ng	0.00
87) Perylene-d12	24.98	264	194801	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	131031	119.54	ng	0.00
7) Phenol-d6	7.19	99	186564	118.26	ng	0.00
23) Nitrobenzene-d5	9.21	82	112005	73.52	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	118664	114.94	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	329408	73.20	ng	0.00
79) Terphenyl-d14	20.02	244	716558	73.94	ng	0.00

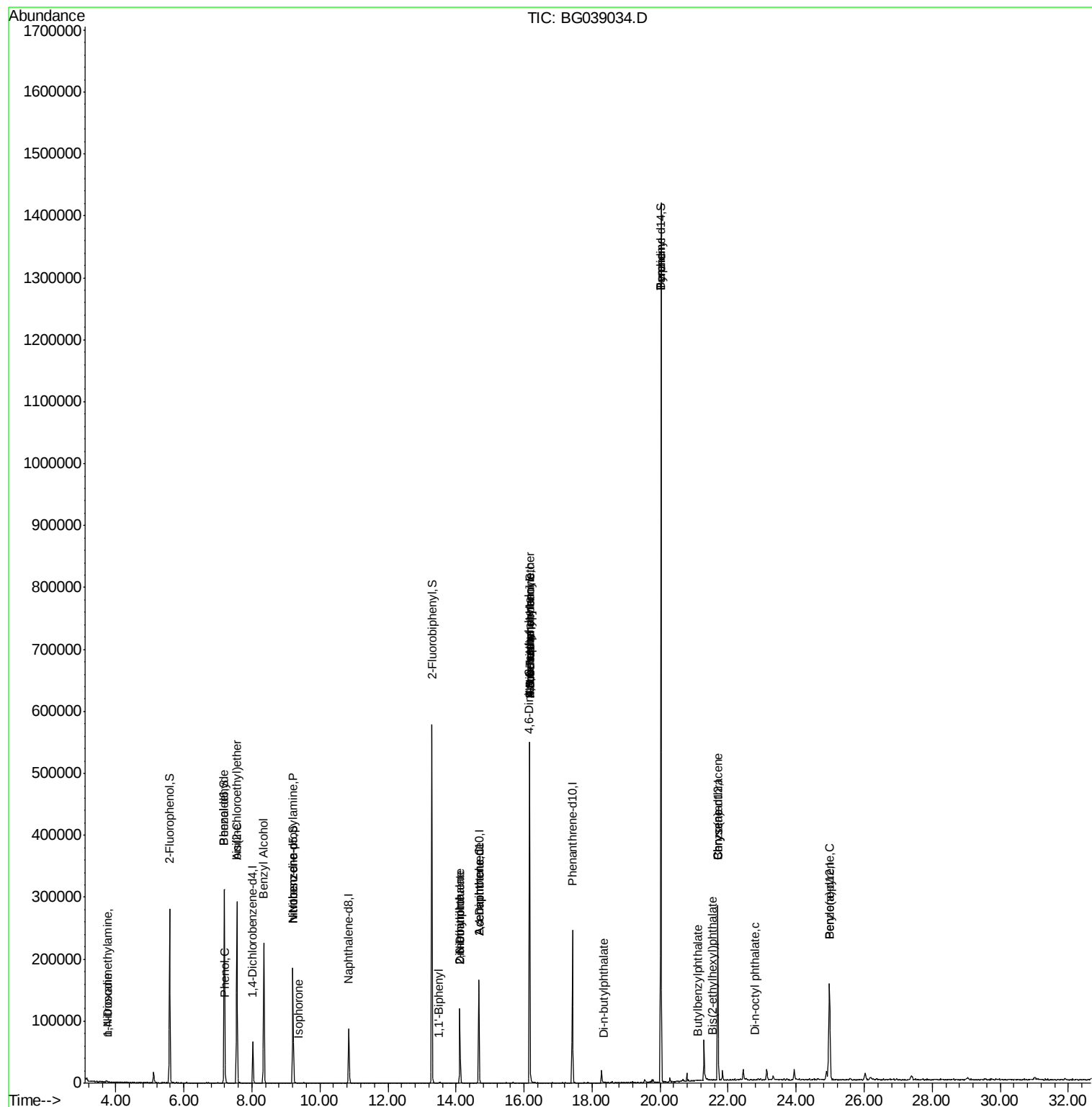
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.75	88	56	0.130	ng	# 1
4) n-Nitrosodimethylamine	3.76	42	55	0.105	ng	# 1
6) Aniline	7.57	93	57	0.030	ng	# 1
9) Benzaldehyde	7.19	77	327	0.359	ng	# 1
10) Phenol	7.22	94	2992	1.892	ng	# 55
11) bis(2-Chloroethyl)ether	7.57	93	57	0.047	ng	# 1
15) Benzyl Alcohol	8.35	79	1695	1.427	ng	# 45
19) n-Nitroso-di-n-propylamine	9.21	70	15273	14.743	ng	# 62
24) Nitrobenzene	9.21	77	215	0.140	ng	# 38
25) Isophorone	9.36	82	198	0.075	ng	# 62
46) 1,1'-Biphenyl	13.50	154	436	0.089	ng	# 91
48) 2-Nitroaniline	14.12	65	807	0.729	ng	# 1
50) Dimethylphthalate	14.12	163	90784	17.444	ng	# 99
51) 2,6-Dinitrotoluene	14.12	165	1015	0.872	ng	# 40
52) Acenaphthene	14.67	154	144	0.040	ng	# 6
57) 2,4-Dinitrotoluene	14.67	165	8388	5.025	ng	# 26
58) Fluorene	16.16	166	3404	0.718	ng	# 90
63) Azobenzene	16.16	77	306	0.073	ng	# 5
65) 4,6-Dinitro-2-methylphenol	16.15	198	58	0.046	ng	# 58
66) n-Nitrosodiphenylamine	16.16	169	3746	0.750	ng	# 53
67) 4-Bromophenyl-phenylether	16.16	248	8194	3.785	ng	# 1
74) Di-n-butylphthalate	18.36	149	70	0.007	ng	# 77
77) Benzidine	20.02	184	11155	2.034	ng	# 96
78) Pyrene	20.02	202	2502	0.219	ng	# 76
80) Butylbenzylphthalate	21.09	149	53	0.012	ng	# 27
81) Benzo(a)anthracene	21.70	228	510	0.047	ng	# 51
83) Chrysene	21.70	228	510	0.049	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.54	149	592	0.098	ng	# 49
85) Di-n-octyl phthalate	22.79	149	54	0.005	ng	# 1
90) Benzo(a)pyrene	24.97	252	572	0.055	ng	# 59

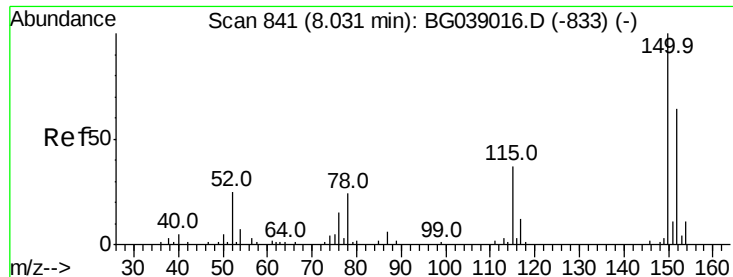
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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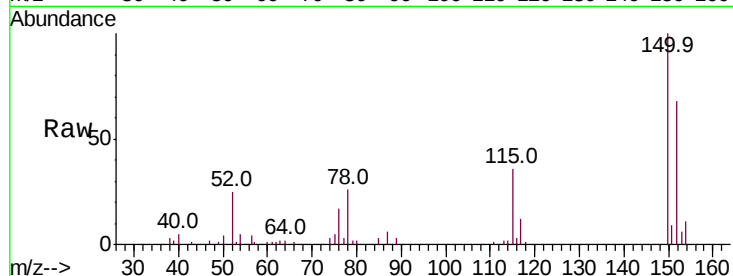


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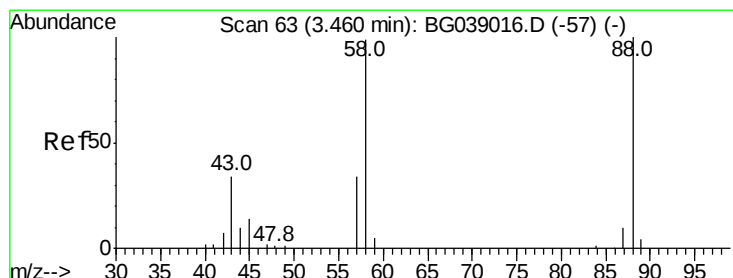
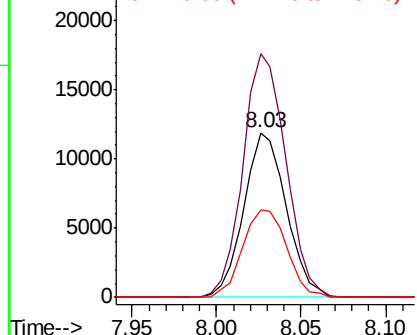
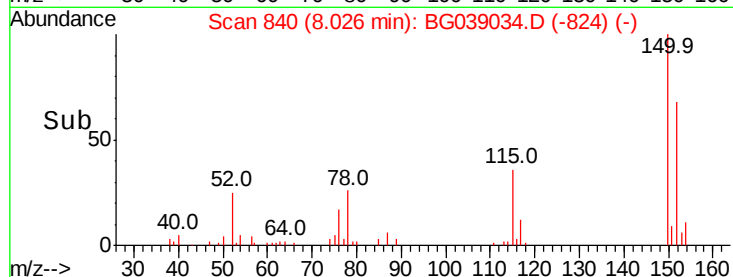
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 20794
Ion Ratio Lower Upper
152 100
150 147.9 124.7 187.1
115 53.2 46.5 69.7



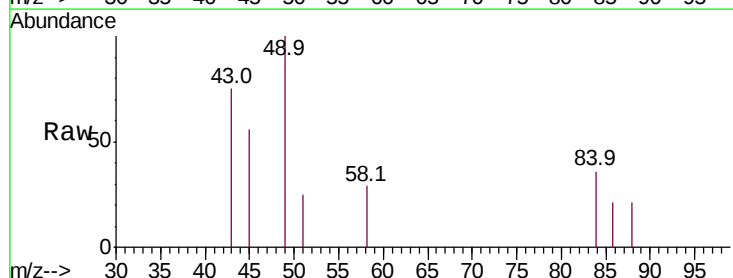
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



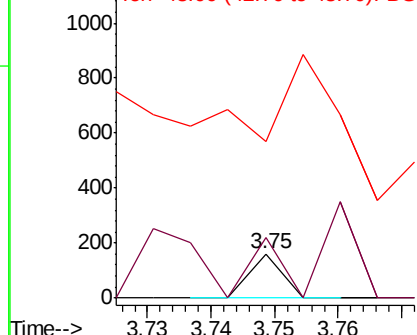
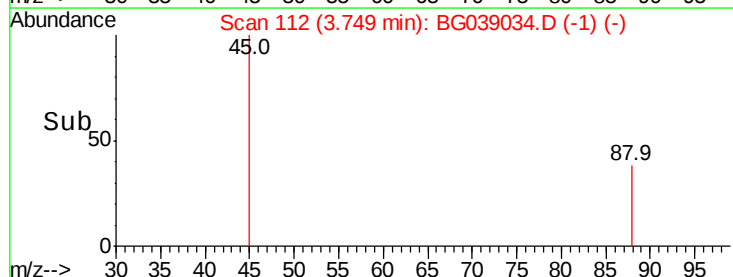
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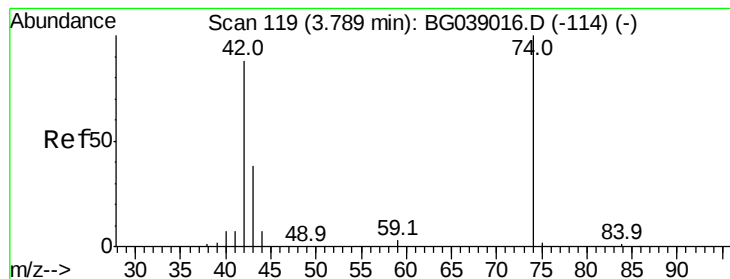
1,4-Dioxane
Concen: 0.130 ng
RT: 3.75 min Scan# 112
Delta R.T. 0.29 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
58 358.9 72.4 108.6#
43 623.2 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



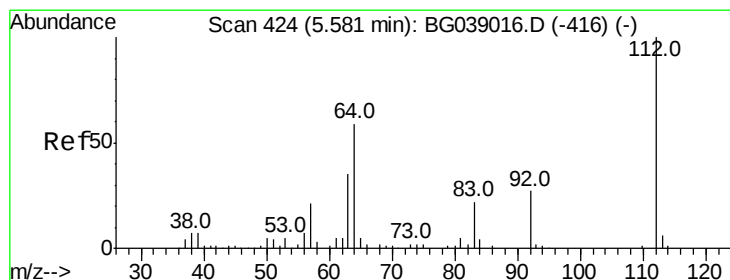
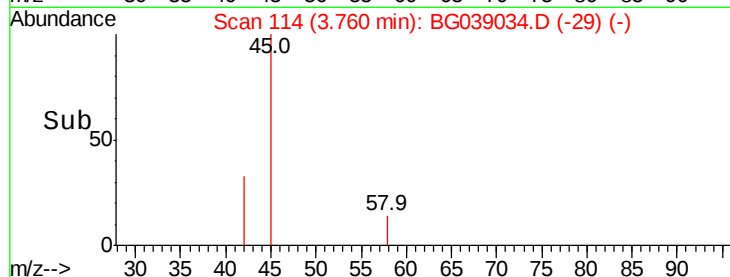
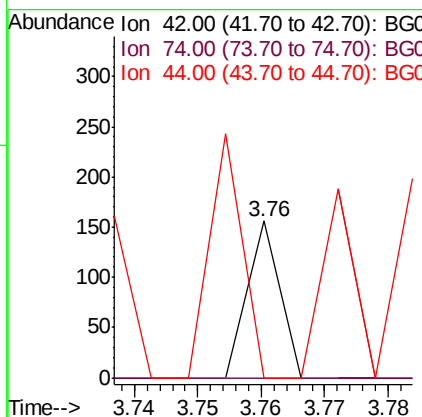
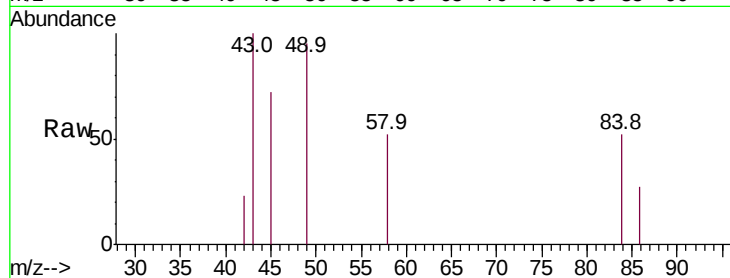


#4

n-Nitrosodimethylamine
 Concen: 0.105 ng
 RT: 3.76 min Scan# 114
 Delta R.T. -0.03 min
 Lab File: BG039034.D
 Acq: 9 Jan 2019 23:44

Instrument :
 BNA_G
 ClientSampled :

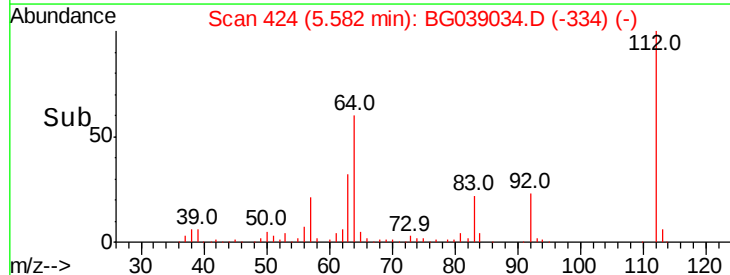
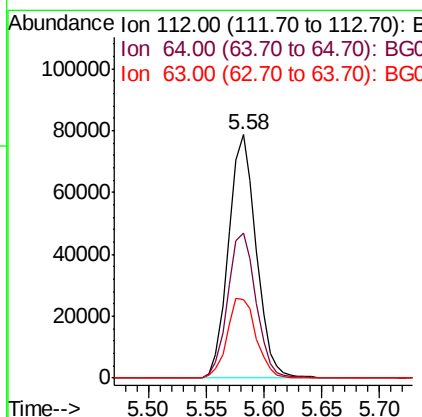
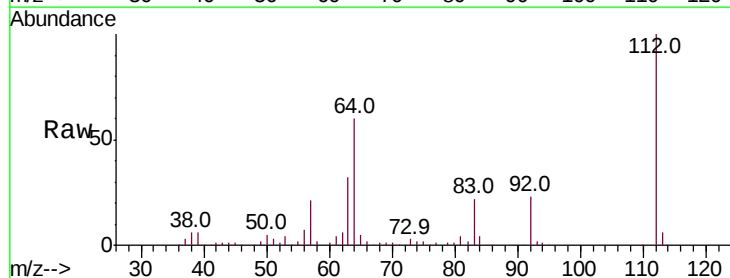
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	90.7	136.1#
44	0.0	6.5	9.7#

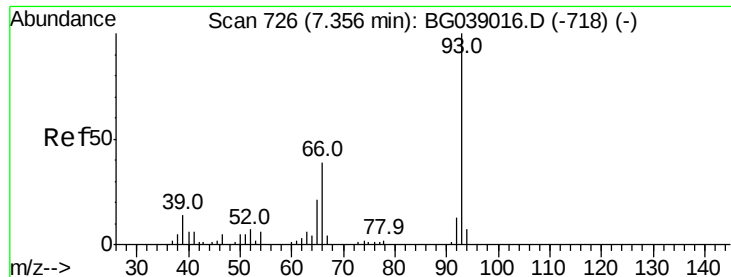


#5

2-Fluorophenol
 Concen: 119.536 ng
 RT: 5.58 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BG039034.D
 Acq: 9 Jan 2019 23:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.0	70.6
63	32.1	28.0	42.0





#6

Aniline

Concen: 0.030 ng

RT: 7.57 min Scan# 762

Delta R.T. 0.21 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampleId :

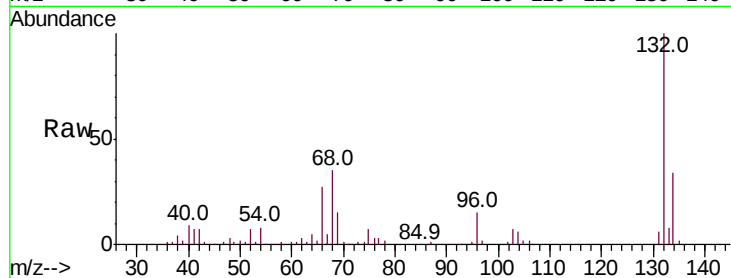
Tot Ion: 93 Resp: 57

Ion Ratio Lower Upper

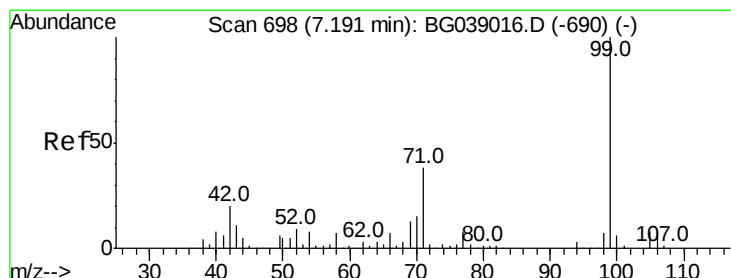
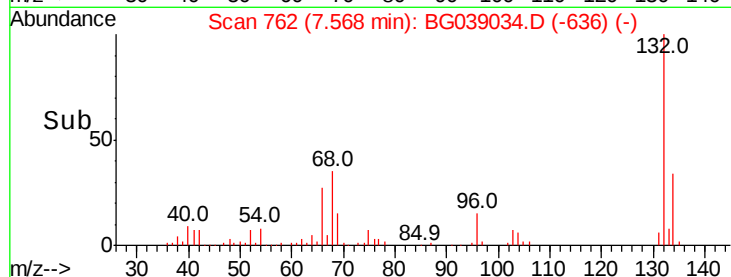
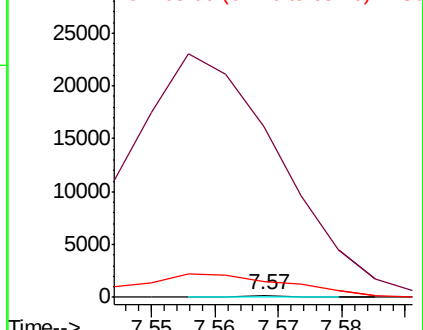
93 100

66 9910.4 30.9 46.3#

65 899.4 17.0 25.4#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 118.264 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

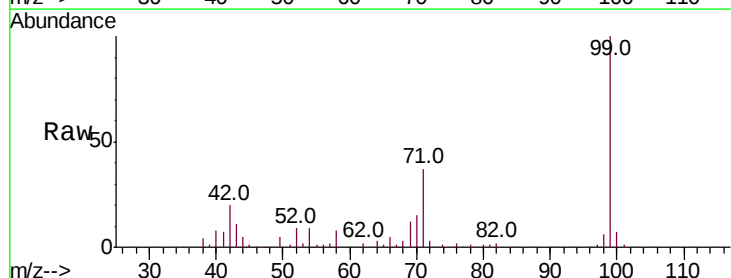
Tgt Ion: 99 Resp: 186564

Ion Ratio Lower Upper

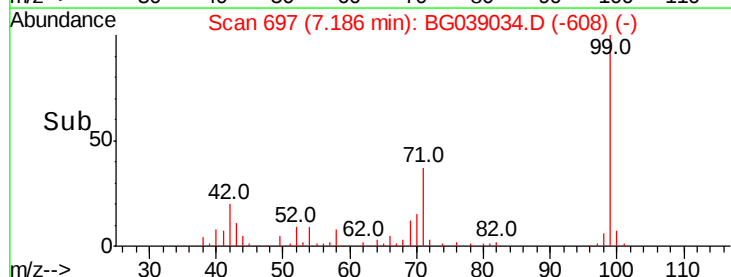
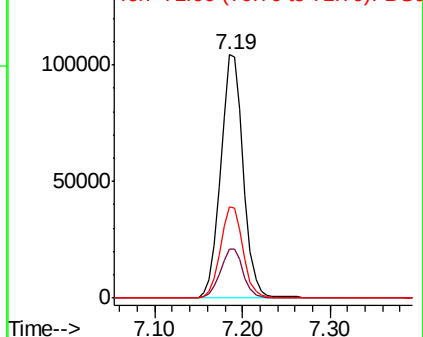
99 100

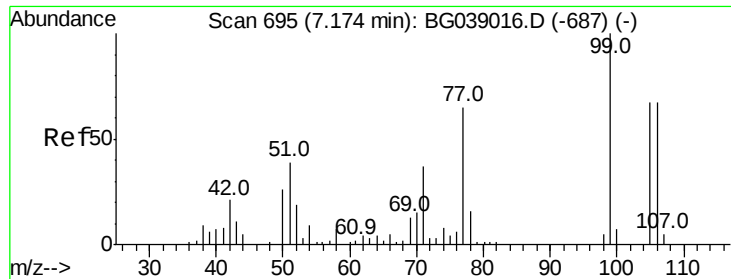
42 20.2 15.8 23.6

71 37.4 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

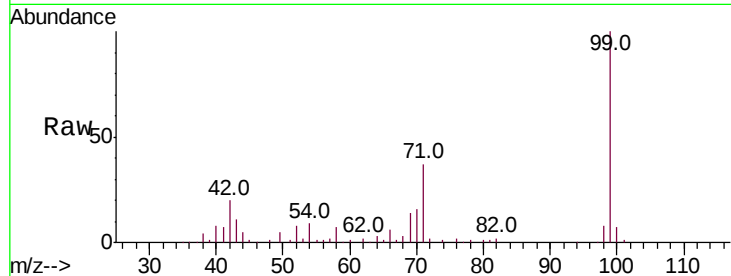




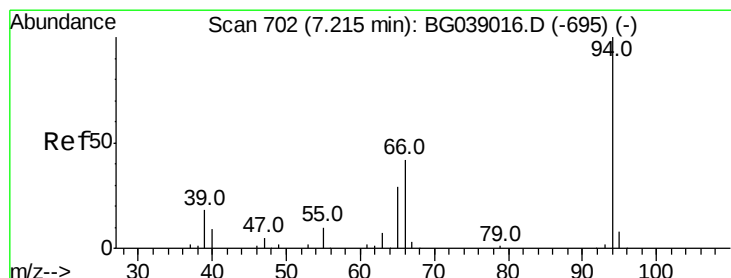
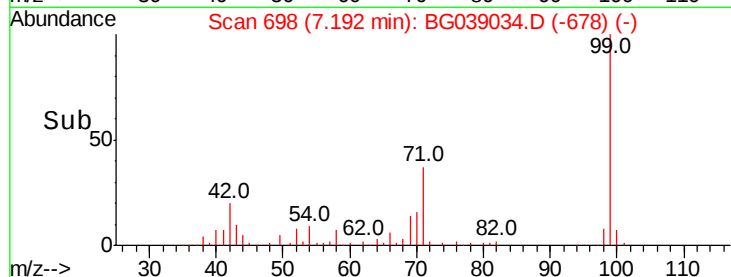
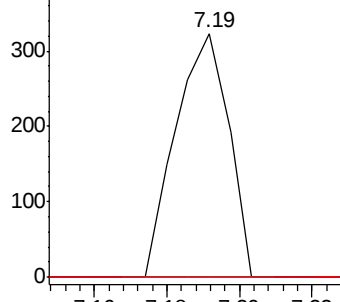
#9
Benzaldehyde
Concen: 0.359 ng
RT: 7.19 min Scan# 698
Delta R.T. 0.02 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 327
Ion Ratio Lower Upper
77 100
105 0.0 82.4 122.4#
106 0.0 82.8 122.8#

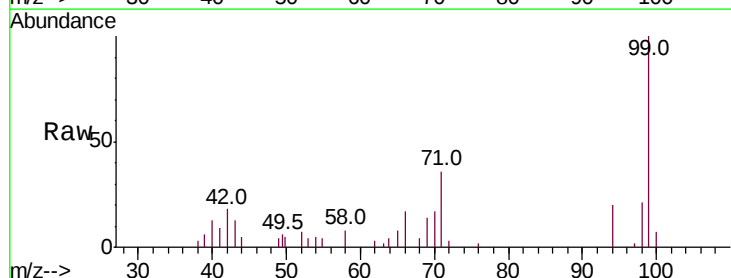


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

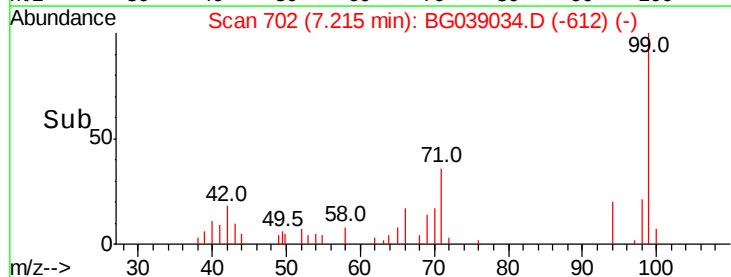
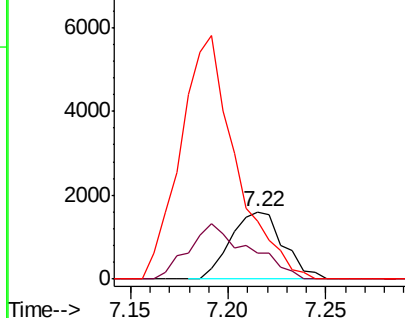


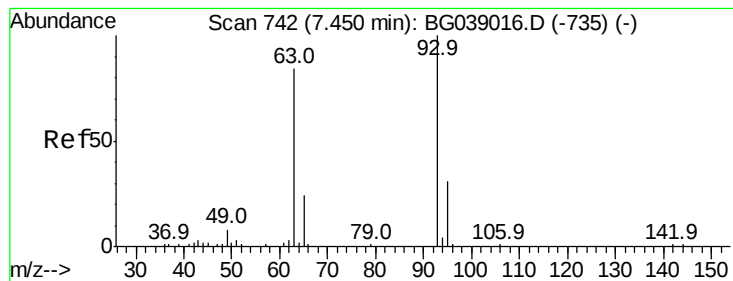
#10
Phenol
Concen: 1.892 ng
RT: 7.22 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

Tgt Ion: 94 Resp: 2992
Ion Ratio Lower Upper
94 100
65 39.2 10.3 50.3
66 87.1 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

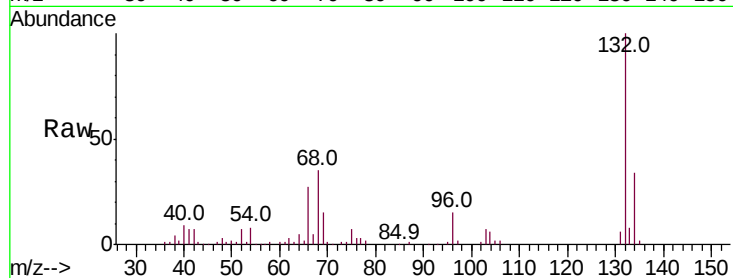




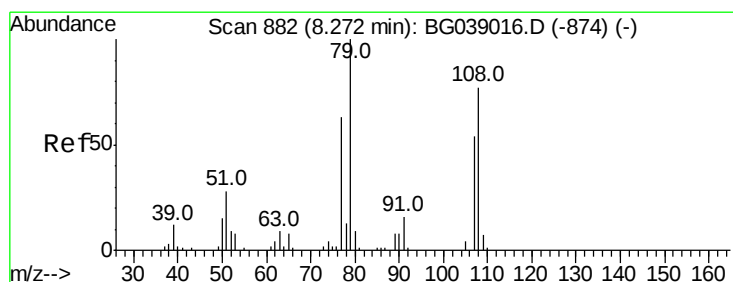
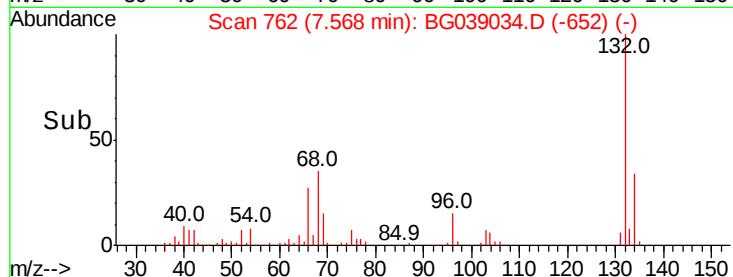
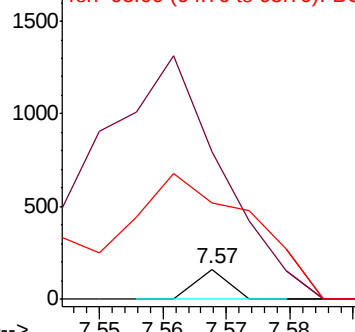
#11
bis(2-Chloroethyl)ether
Concen: 0.047 ng
RT: 7.57 min Scan# 762
Delta R.T. 0.12 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 57
Ion Ratio Lower Upper
93 100
63 487.1 63.2 103.2#
95 317.2 11.2 51.2#

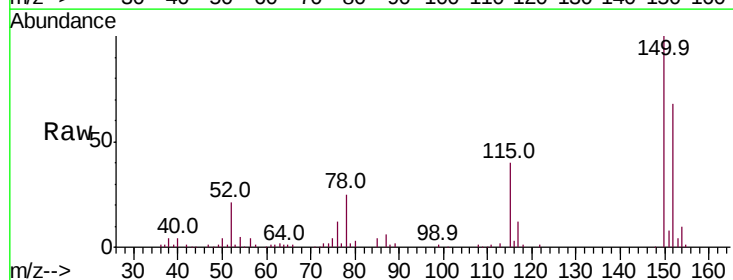


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

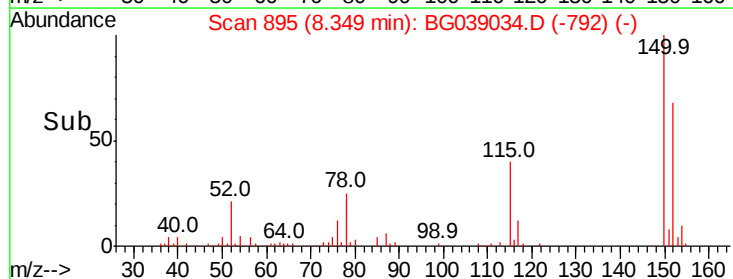
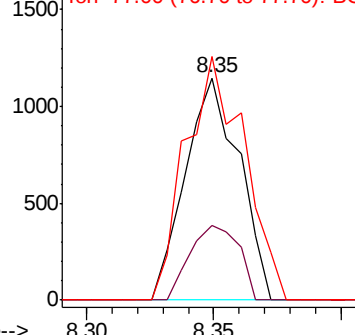


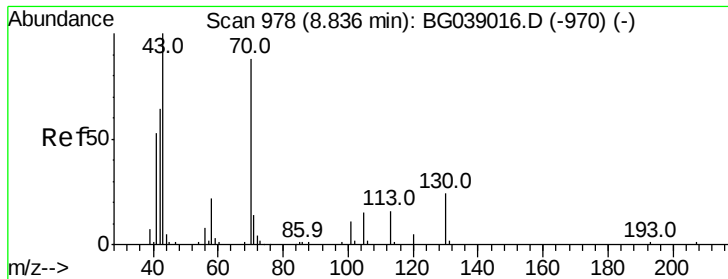
#15
Benzyl Alcohol
Concen: 1.427 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.08 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

Tgt Ion: 79 Resp: 1695
Ion Ratio Lower Upper
79 100
108 33.6 62.0 93.0#
77 109.7 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

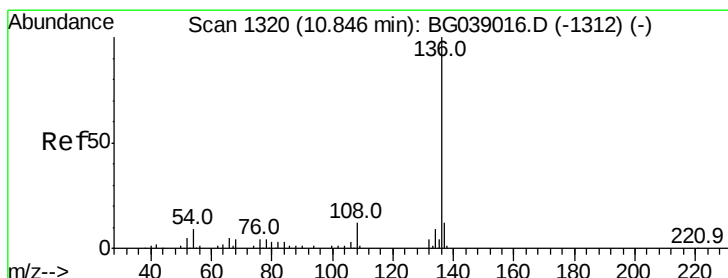
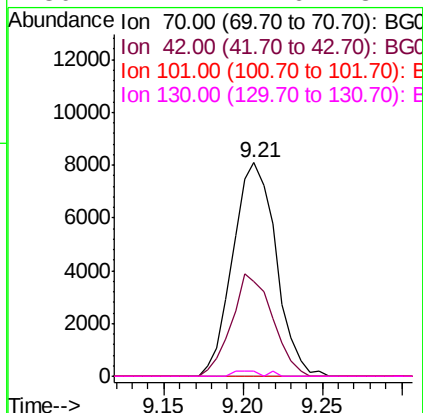
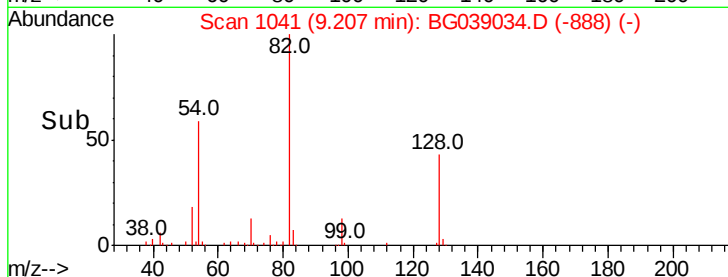
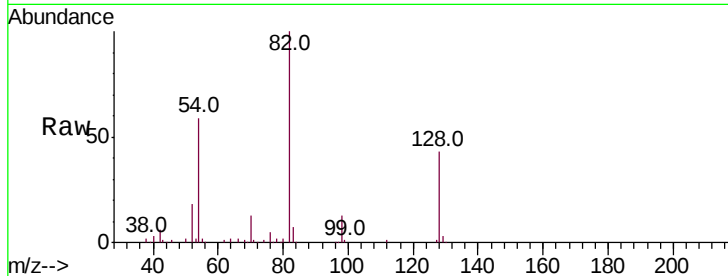




#19
n-Nitroso-di-n-propylamine
Concen: 14.743 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

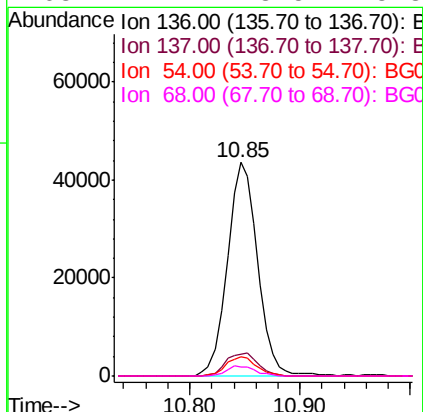
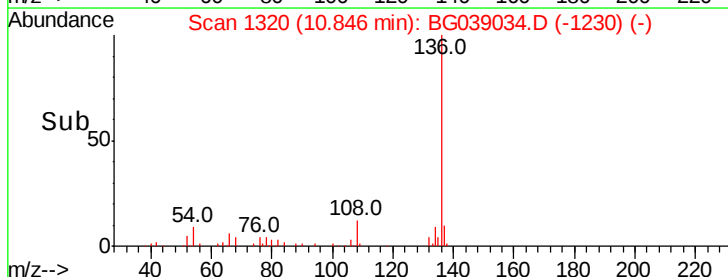
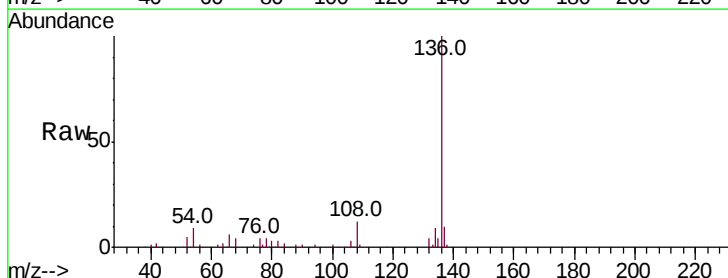
Instrument :
BNA_G
ClientSampleId :

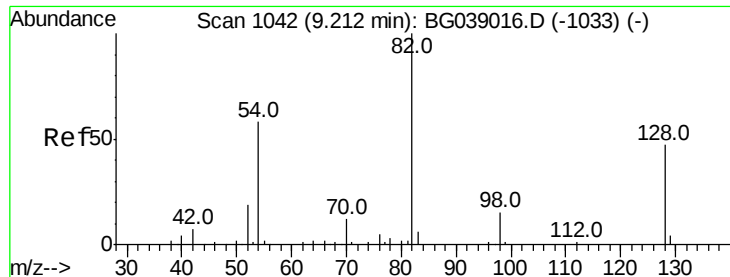
Tot Ion: 70 Resp: 15273
Ion Ratio Lower Upper
70 100
42 44.1 59.0 88.4#
101 0.0 10.4 15.6#
130 2.4 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

Tgt Ion: 136 Resp: 83363
Ion Ratio Lower Upper
136 100
137 10.1 9.4 14.2
54 9.3 7.2 10.8
68 4.4 3.5 5.3

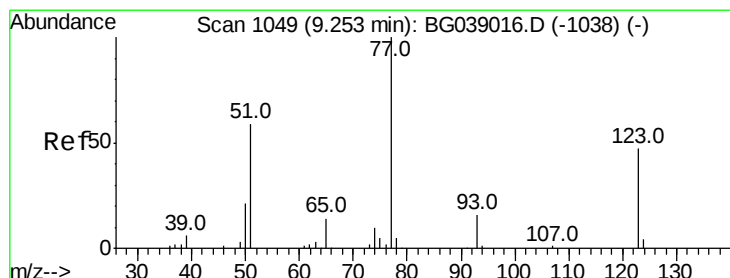
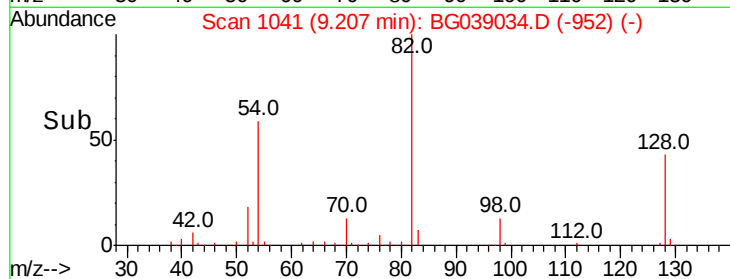
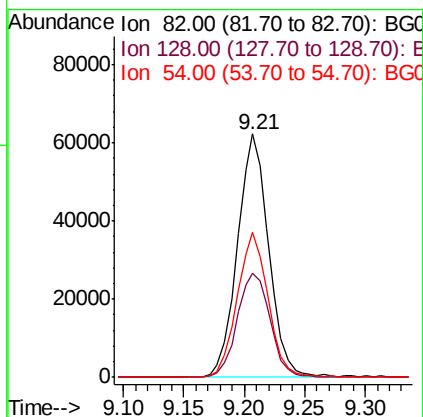
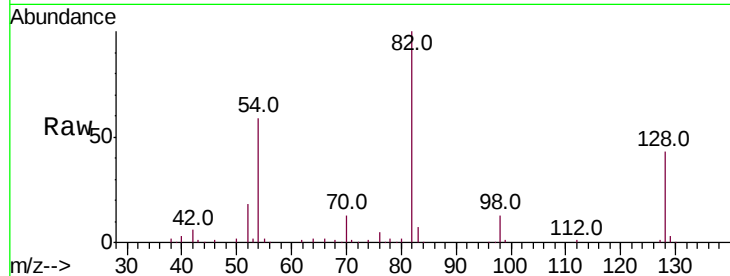




#23
Nitrobenzene-d5
Concen: 73.520 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

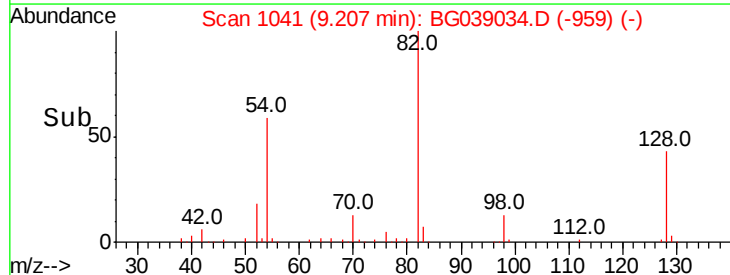
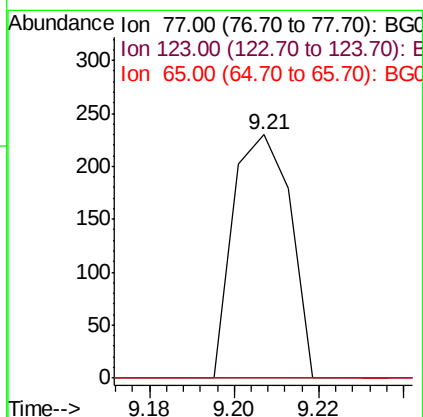
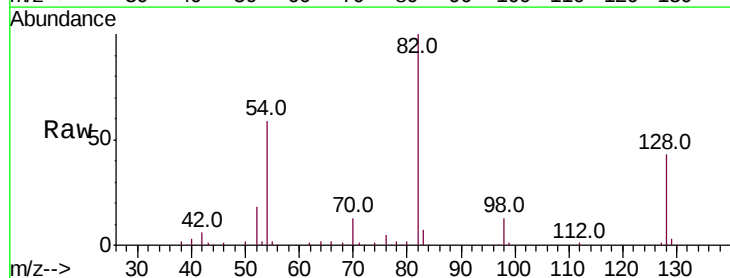
Instrument :
BNA_G
ClientSampled :

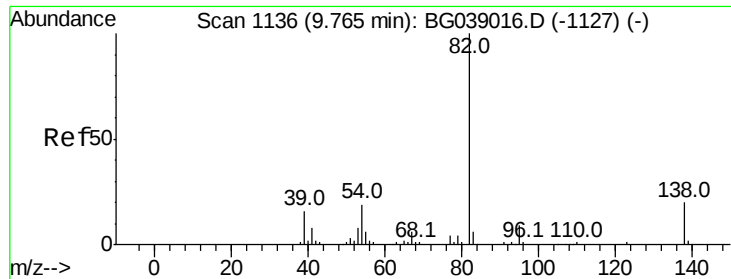
Tot Ion	82	Resp	112005
Ion Ratio	100	Lower	Upper
128	42.9	37.3	55.9
54	59.5	46.4	69.6



#24
Nitrobenzene
Concen: 0.140 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.05 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

Tgt Ion	77	Resp	215
Ion Ratio	100	Lower	Upper
123	0.0	37.6	56.4#
65	0.0	11.0	16.6#





#25

Isophorone

Concen: 0.075 ng

RT: 9.36 min Scan# 1067

Delta R.T. -0.40 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampleId :

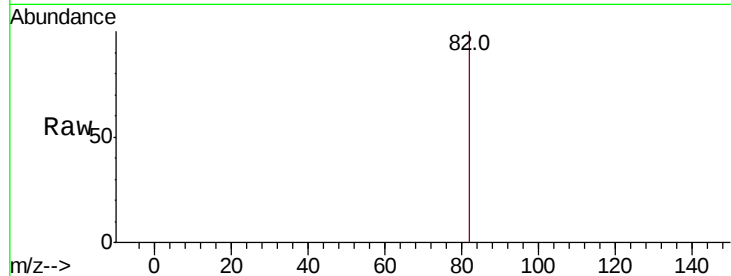
Tot Ion: 82 Resp: 198

Ion Ratio Lower Upper

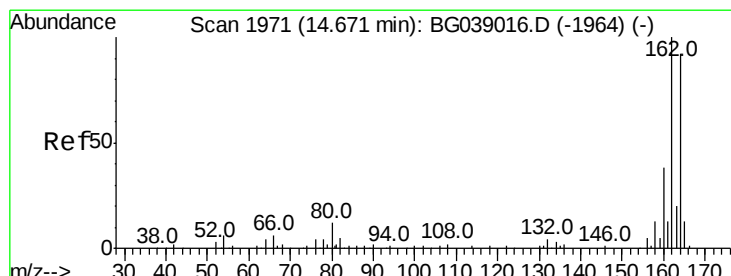
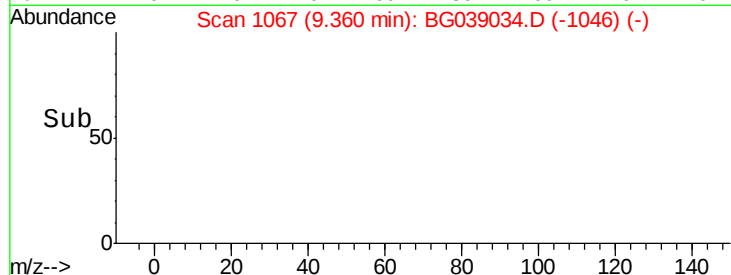
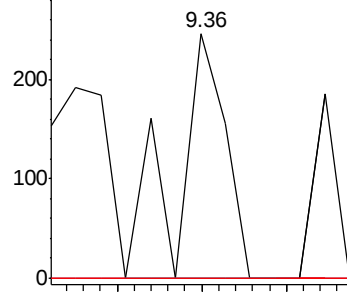
82 100

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: BG039034.D

Acq: 9 Jan 2019 23:44

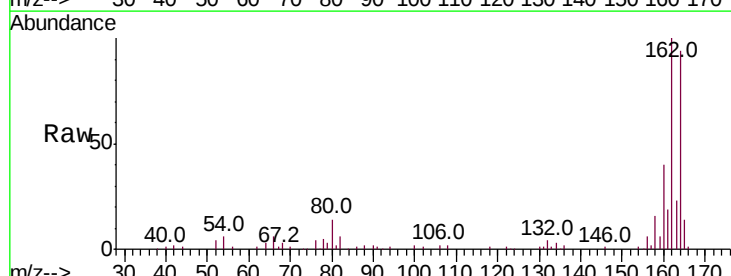
Tgt Ion: 164 Resp: 61587

Ion Ratio Lower Upper

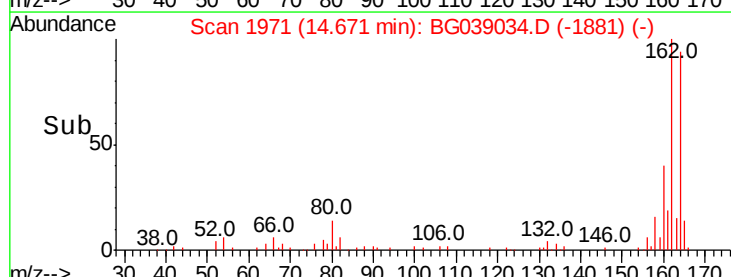
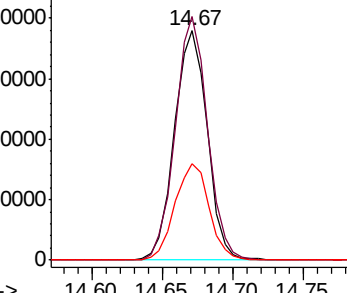
164 100

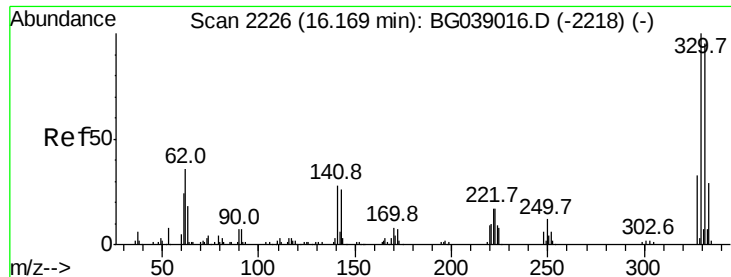
162 106.1 87.2 130.8

160 42.2 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

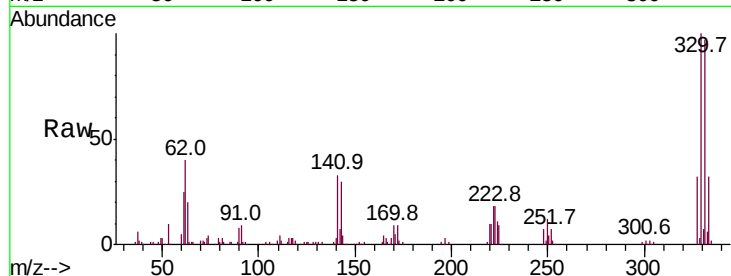




#42
 2,4,6-Tribromophenol
 Concen: 114.943 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG039034.D
 Acq: 9 Jan 2019 23:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.7	113.5
141	32.1	24.9	37.3

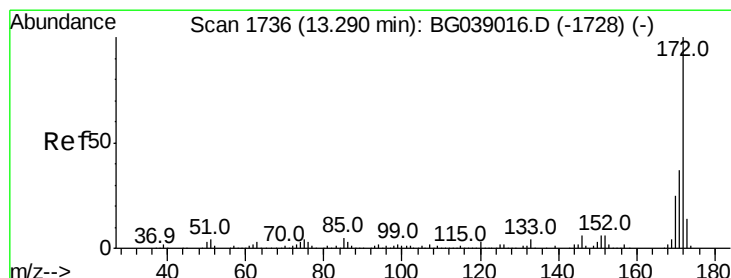
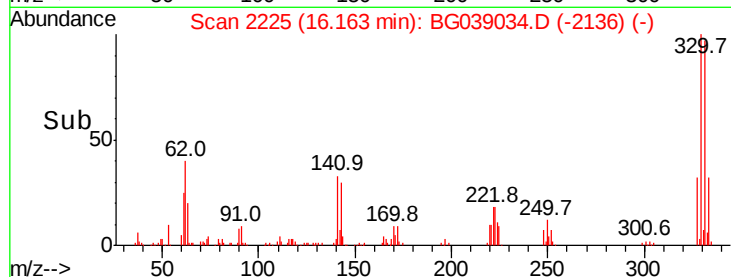
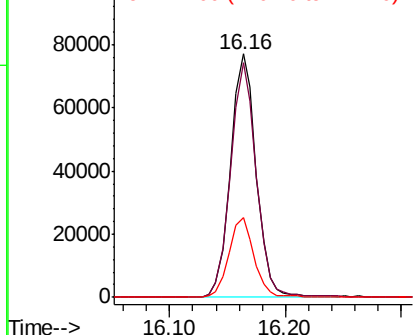


Abundance

Ion 329.80 (329.50 to 330.50): E

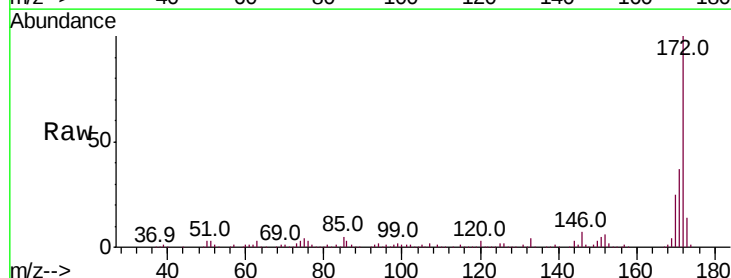
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 73.200 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG039034.D
 Acq: 9 Jan 2019 23:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.6	20.1	30.1

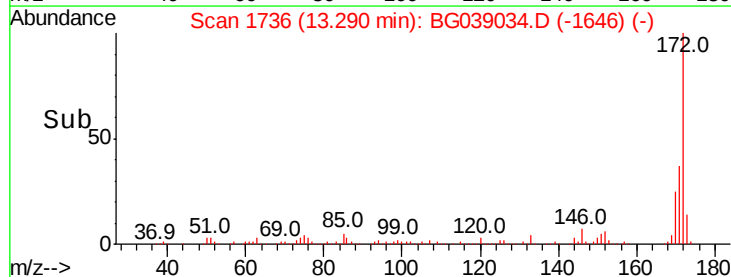
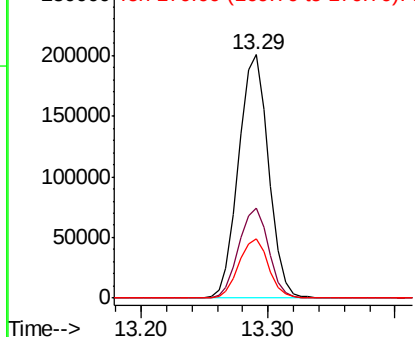


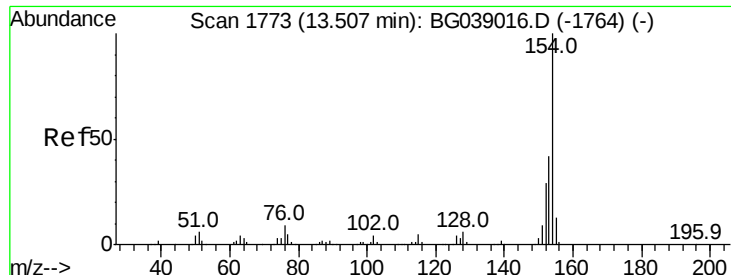
Abundance

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: 0.089 ng

RT: 13.50 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampled :

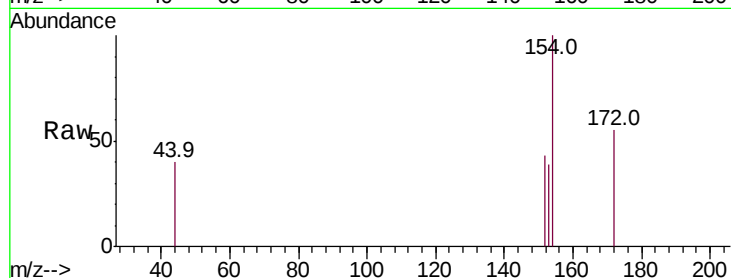
Tot Ion:154 Resp: 436

Ion Ratio Lower Upper

154 100

153 39.3 22.4 62.4

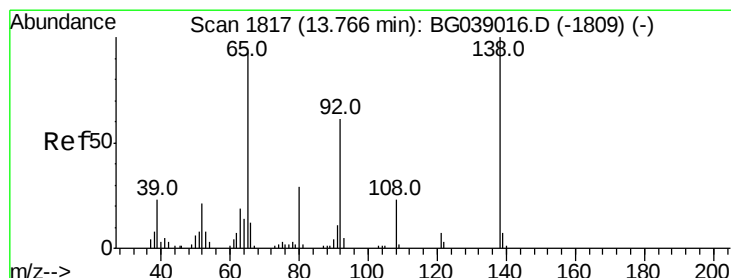
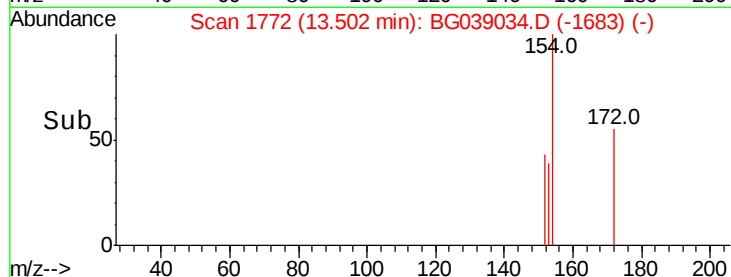
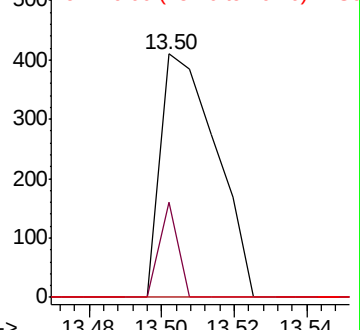
76 0.0 0.0 29.4



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: 0.729 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.35 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

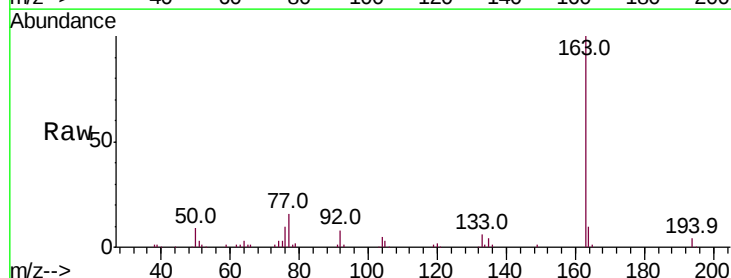
Tgt Ion: 65 Resp: 807

Ion Ratio Lower Upper

65 100

92 822.9 52.2 78.4#

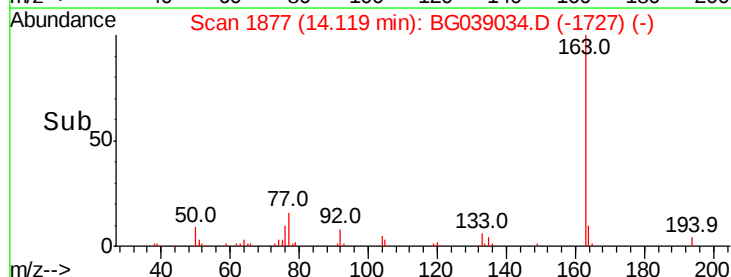
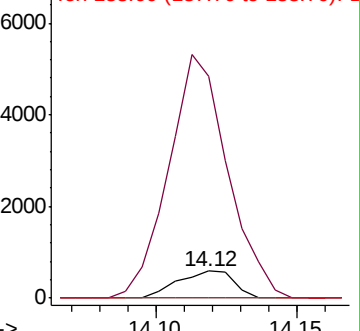
138 0.0 86.0 129.0#

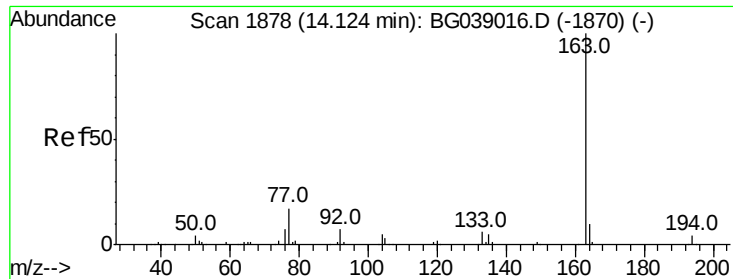


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#50

Dimethylphthalate

Concen: 17.444 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampleId :

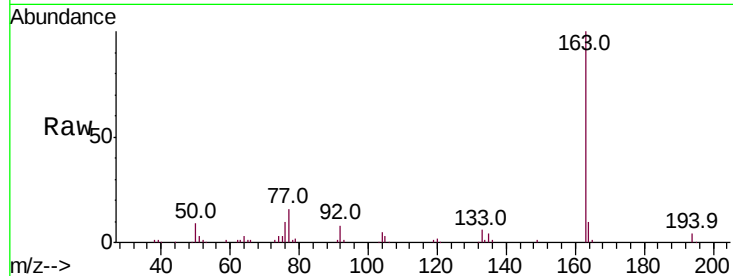
Tot Ion:163 Resp: 90784

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

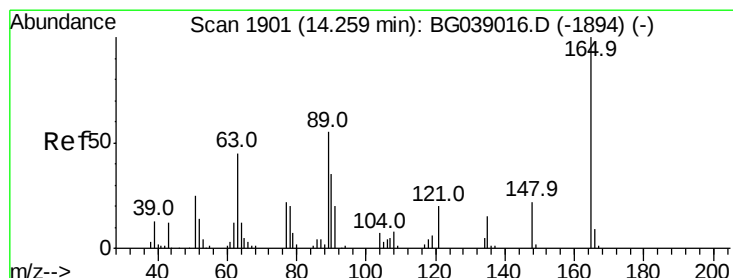
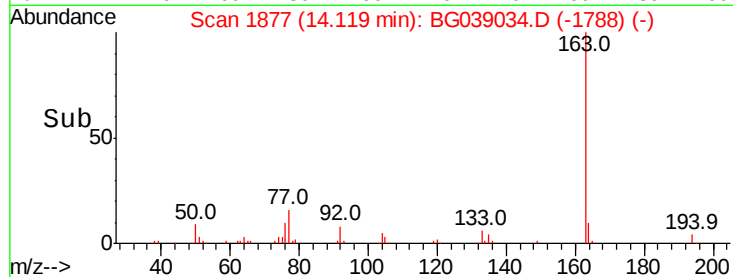
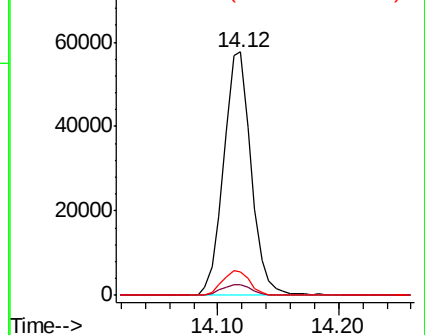
164 9.6 8.2 12.2



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: 0.872 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.14 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

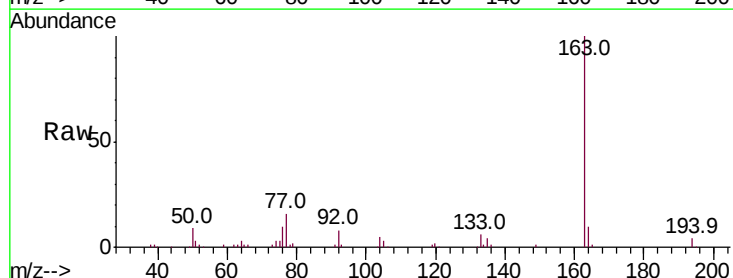
Tgt Ion:165 Resp: 1015

Ion Ratio Lower Upper

165 100

63 86.0 43.6 65.4#

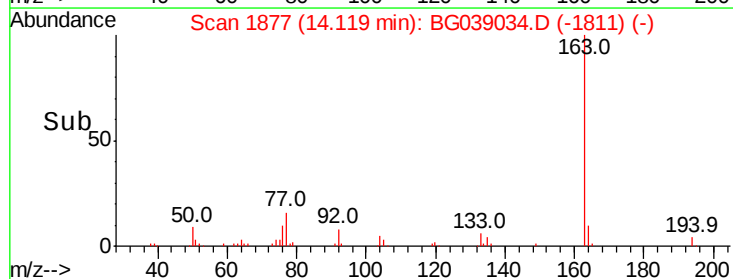
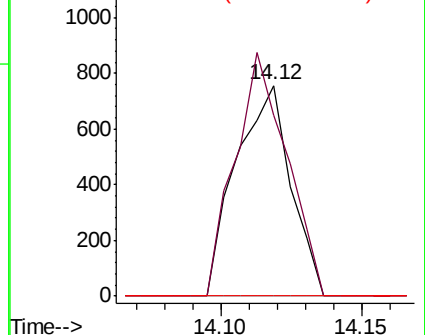
89 0.0 43.7 65.5#

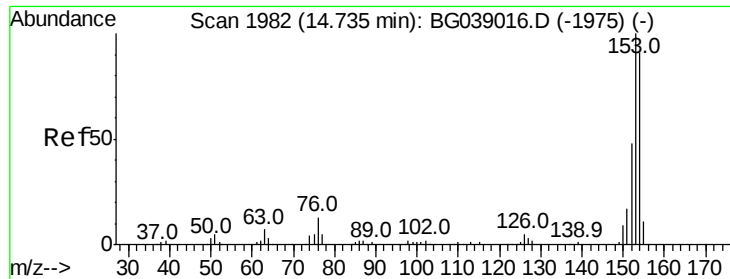


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.040 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.06 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampleId :

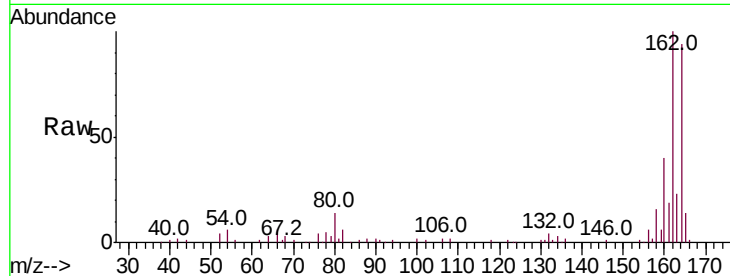
Tot Ion:154 Resp: 144

Ion Ratio Lower Upper

154 100

153 0.0 87.9 131.9#

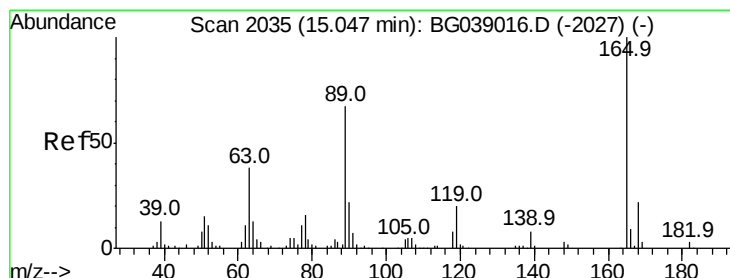
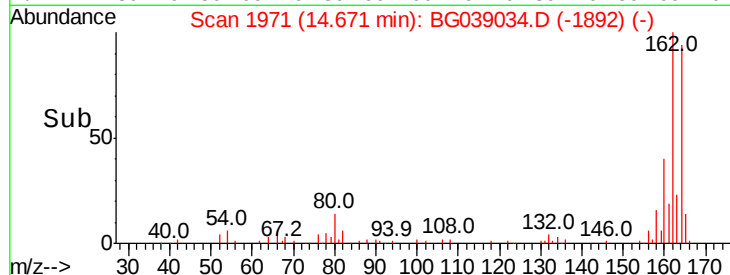
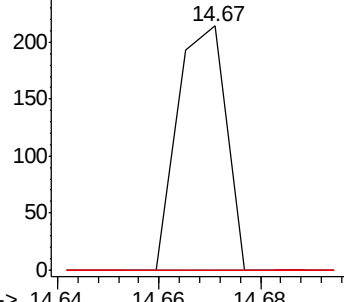
152 0.0 42.2 63.2#



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: 5.025 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.38 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Tgt Ion:165 Resp: 8388

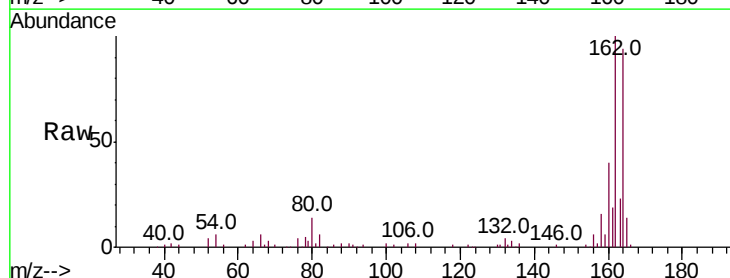
Ion Ratio Lower Upper

165 100

63 0.0 30.2 45.4#

89 0.0 53.2 79.8#

182 0.0 2.7 4.1#

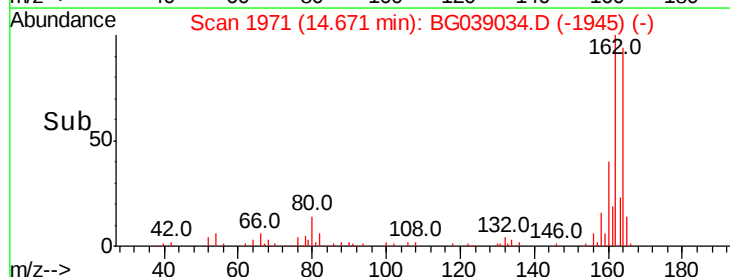
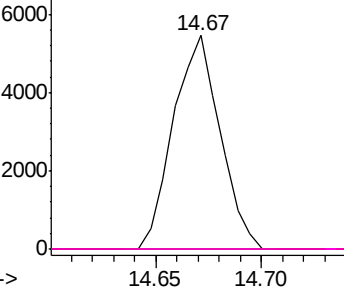


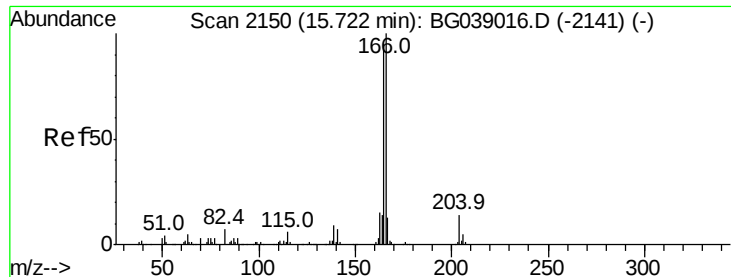
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.718 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.44 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampleId :

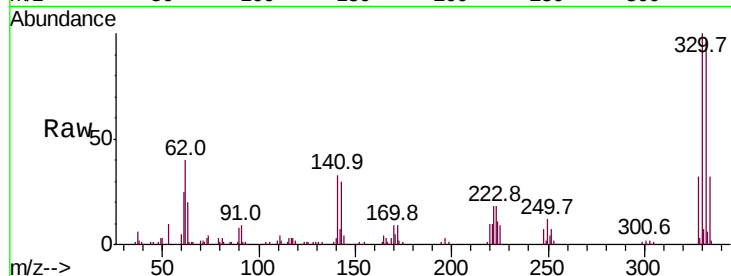
Tot Ion:166 Resp: 3404

Ion Ratio Lower Upper

166 100

165 101.5 76.2 114.2

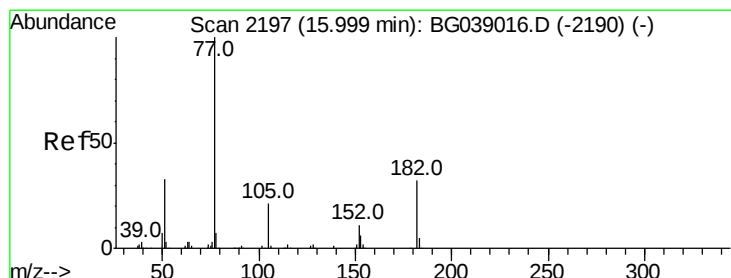
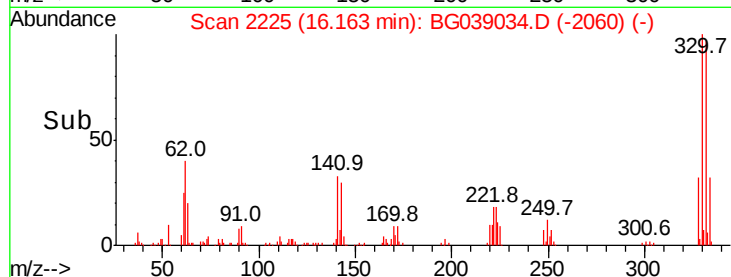
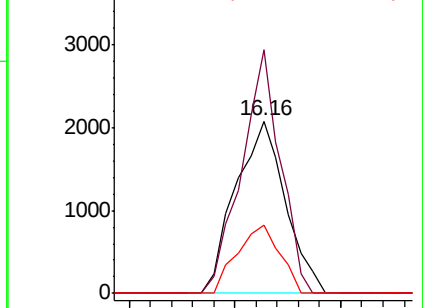
167 28.2 10.6 16.0#



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: 0.073 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.16 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Tgt Ion: 77 Resp: 306

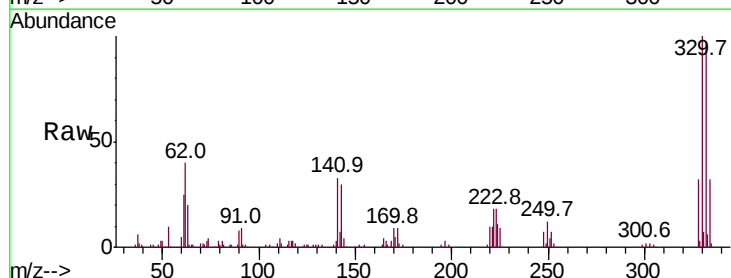
Ion Ratio Lower Upper

77 100

182 0.0 12.2 52.2#

105 88.6 1.2 41.2#

51 90.7 13.4 53.4#

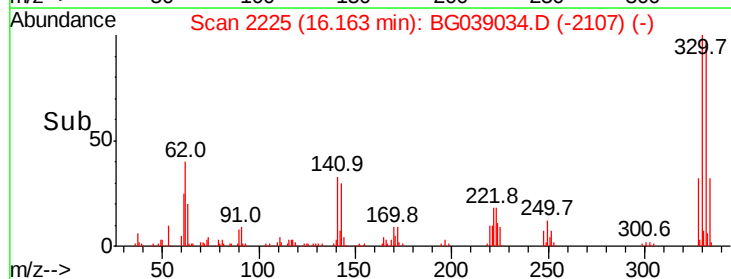
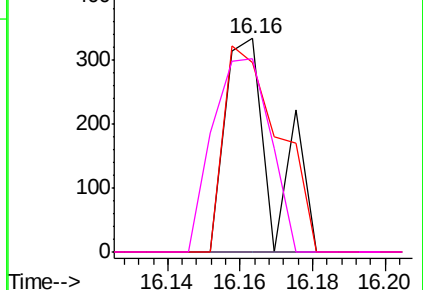


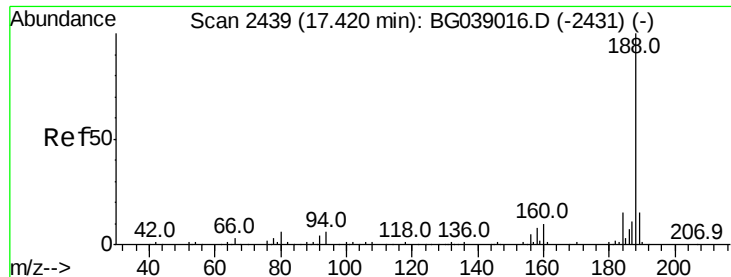
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampled :

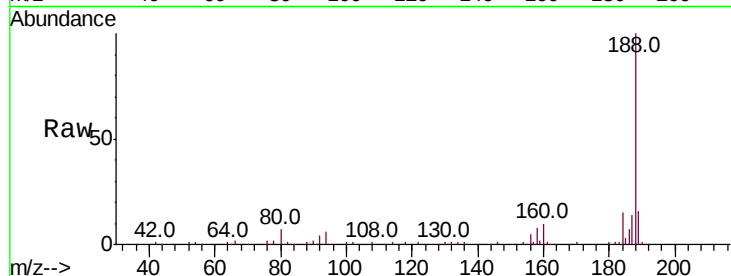
Tot Ion:188 Resp: 168430

Ion Ratio Lower Upper

188 100

94 6.1 5.0 7.4

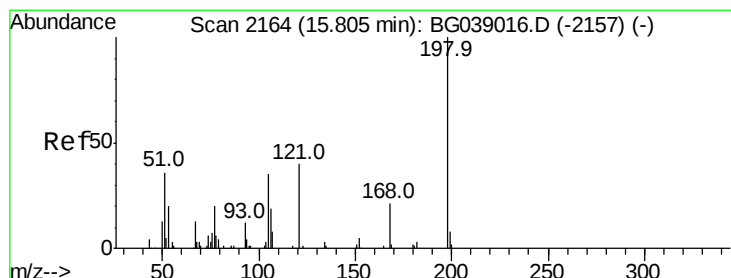
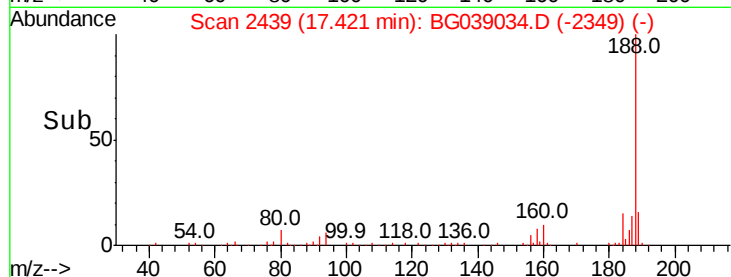
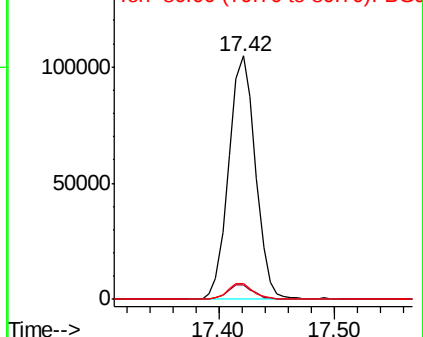
80 6.6 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.046 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.35 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

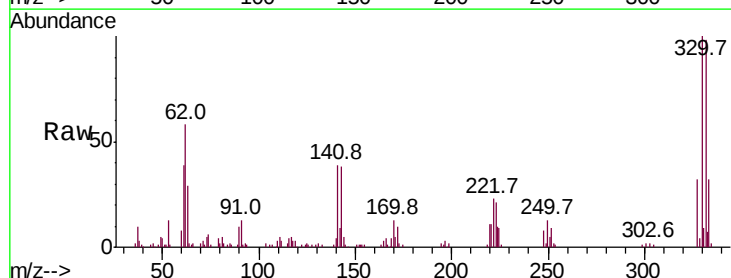
Tgt Ion:198 Resp: 58

Ion Ratio Lower Upper

198 100

51 25.1 20.8 60.8

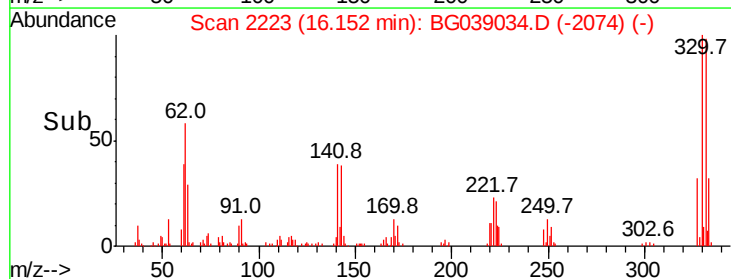
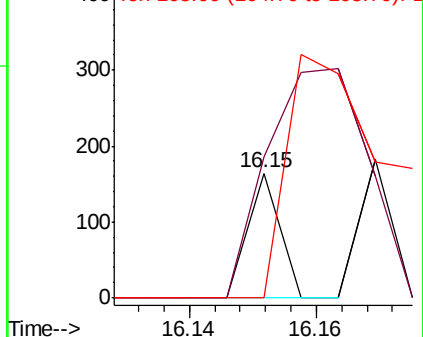
105 0.0 16.1 56.1#

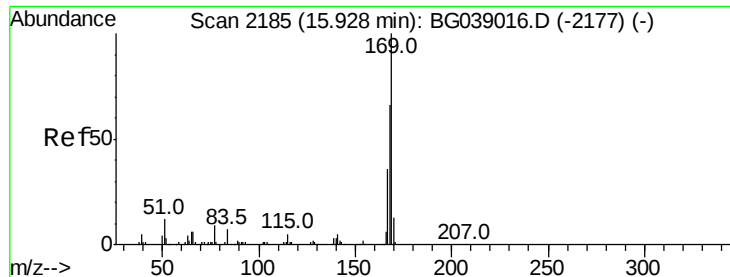


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

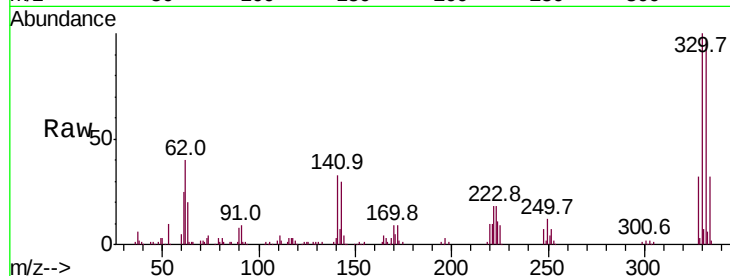




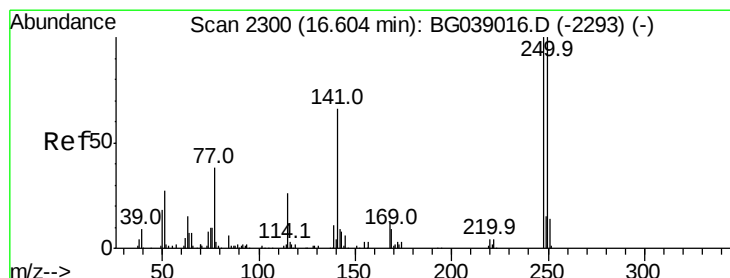
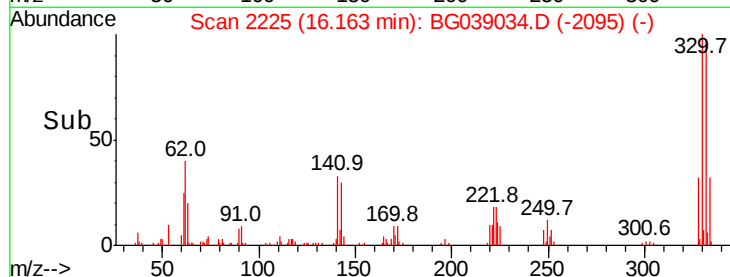
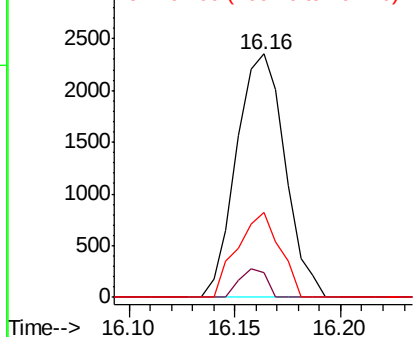
#66
 n-Nitrosodiphenylamine
 Concen: 0.750 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.24 min
 Lab File: BG039034.D
 Acq: 9 Jan 2019 23:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 3746
 Ion Ratio Lower Upper
 169 100
 168 10.1 53.2 79.8#
 167 34.7 29.1 43.7

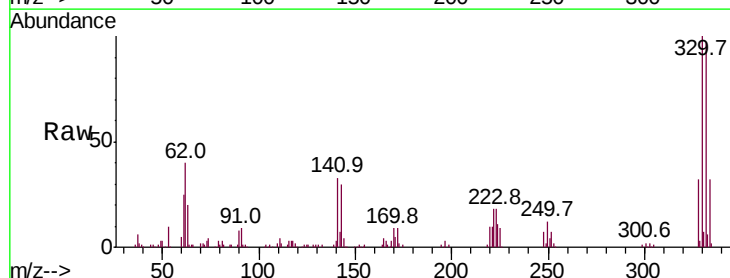


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

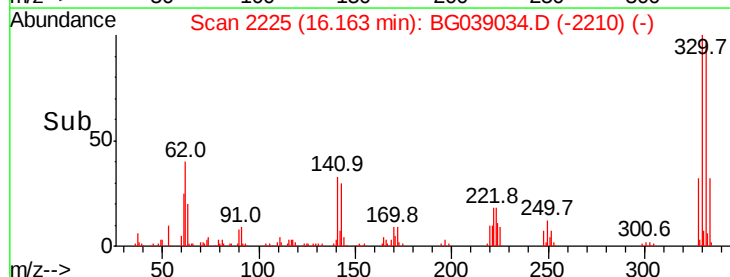
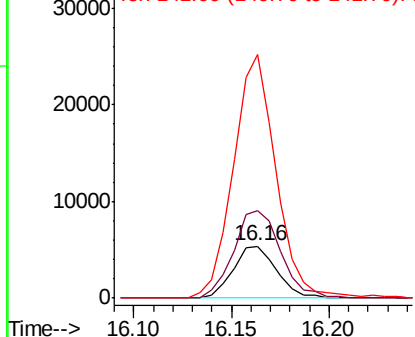


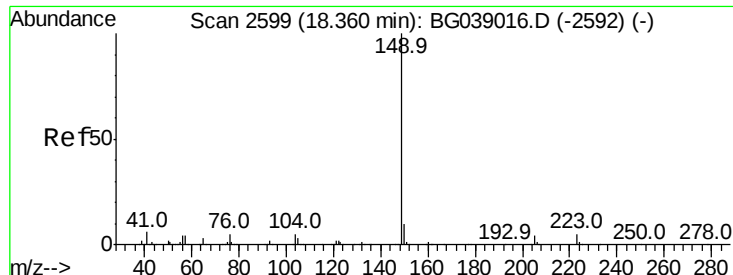
#67
 4-Bromophenyl-phenylether
 Concen: 3.785 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG039034.D
 Acq: 9 Jan 2019 23:44

Tgt Ion:248 Resp: 8194
 Ion Ratio Lower Upper
 248 100
 250 231.7 79.9 119.9#
 141 470.0 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





#74

Di-n-butylphthalate

Concen: 0.007 ng

RT: 18.36 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampled :

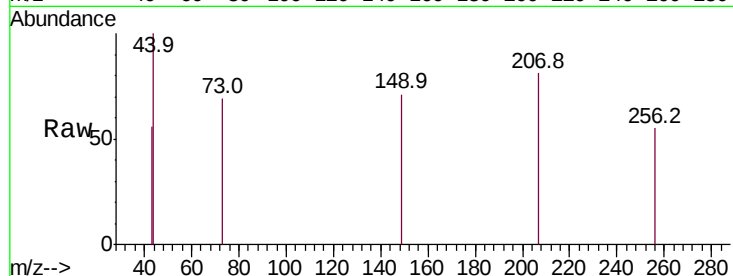
Tot Ion:149 Resp: 70

Ion Ratio Lower Upper

149 100

150 0.0 7.9 11.9#

104 0.0 4.2 6.2#

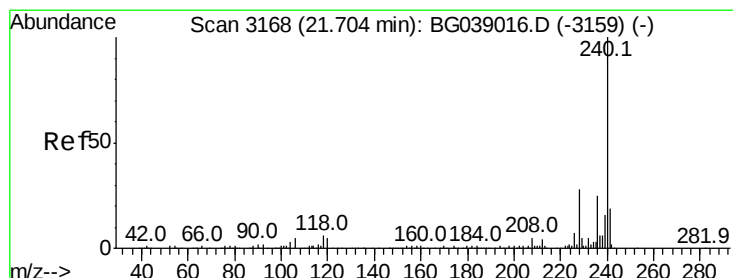
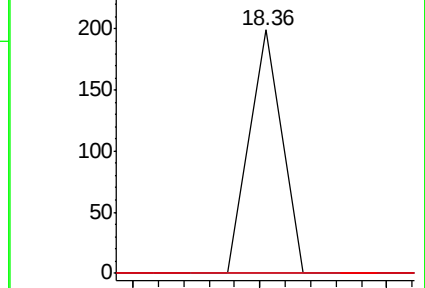
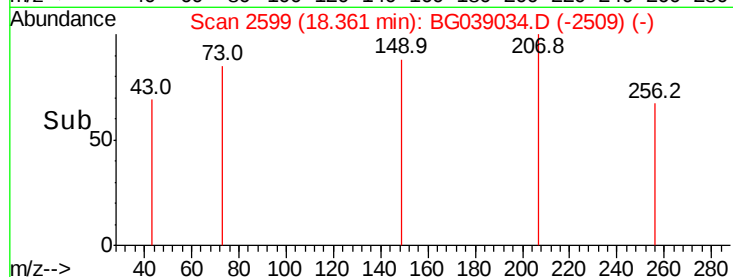


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.36



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

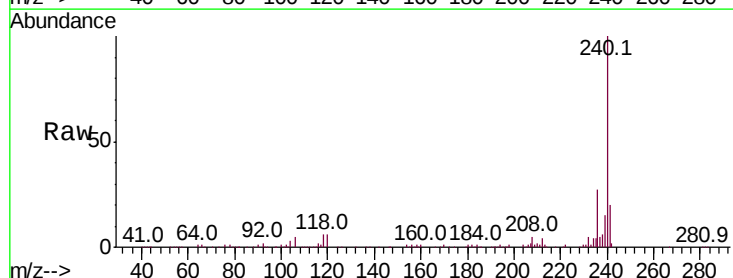
Tgt Ion:240 Resp: 179283

Ion Ratio Lower Upper

240 100

120 5.8 4.3 6.5

236 26.5 20.1 30.1

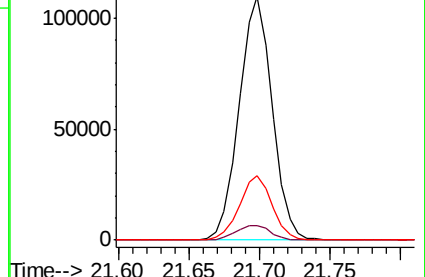
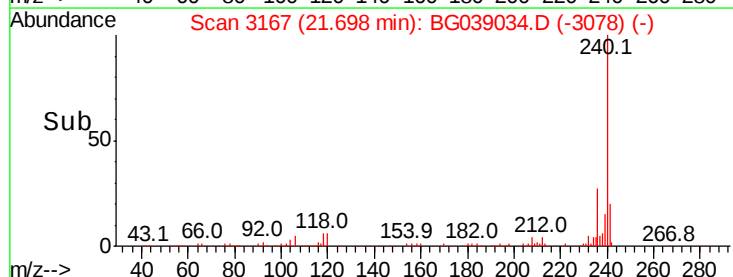


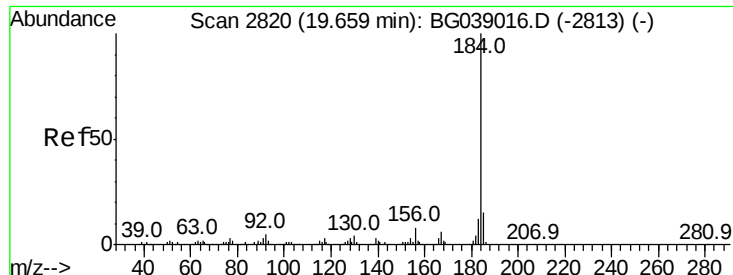
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.70





#77

Benzidine

Concen: 2.034 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampleId :

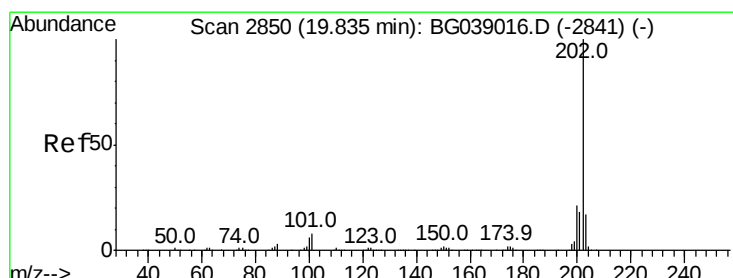
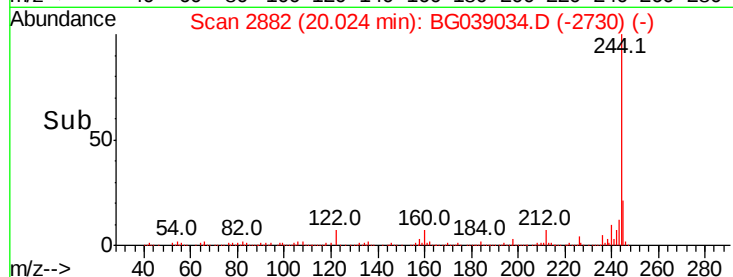
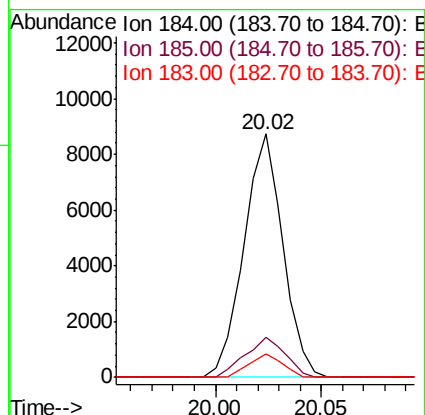
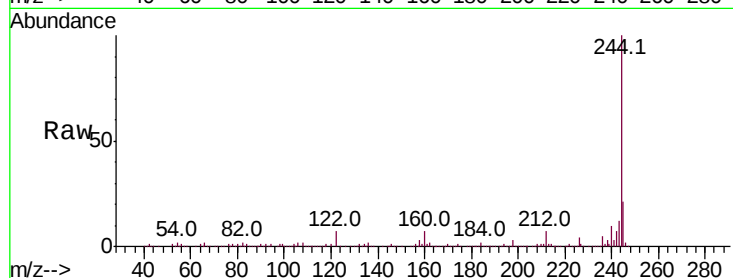
Tot Ion:184 Resp: 11155

Ion Ratio Lower Upper

184 100

185 16.3 12.1 18.1

183 9.5 9.5 14.3#



#78

Pyrene

Concen: 0.219 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.19 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

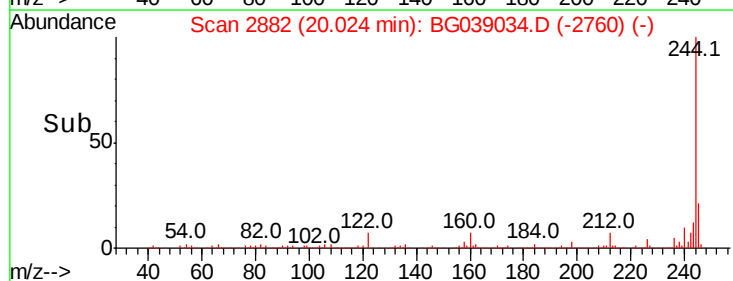
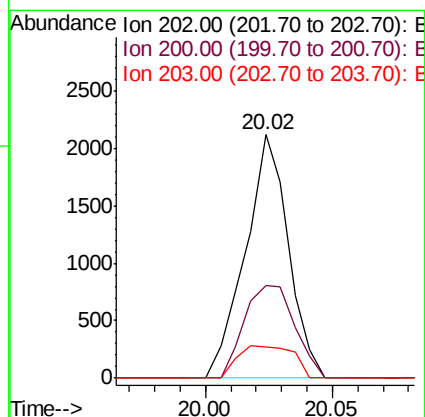
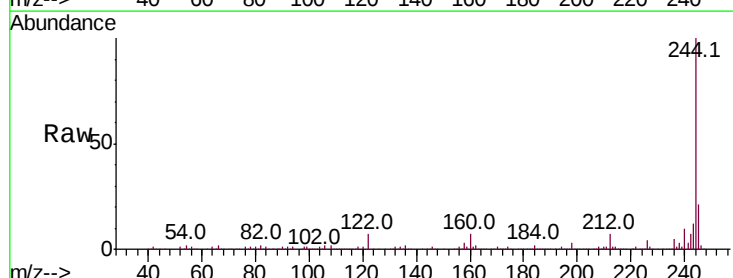
Tgt Ion:202 Resp: 2502

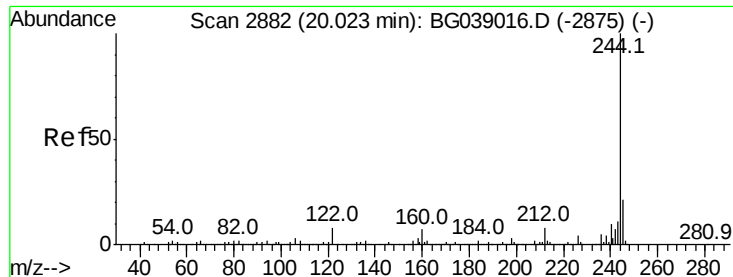
Ion Ratio Lower Upper

202 100

200 38.1 17.0 25.6#

203 12.9 14.0 21.0#





#79

Terphenyl-d14

Concen: 73.936 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampleId :

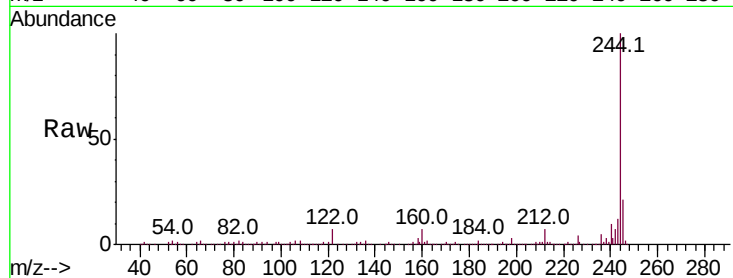
Tot Ion:244 Resp: 716558

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

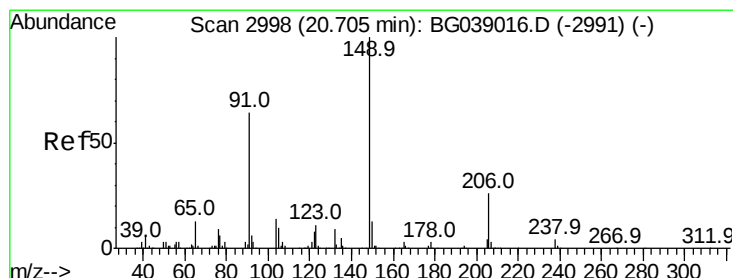
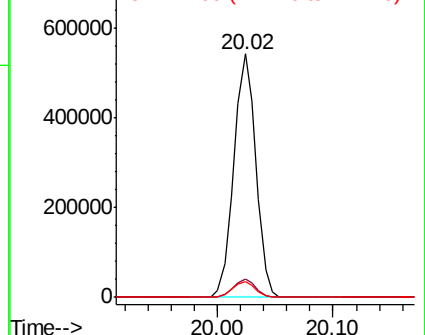
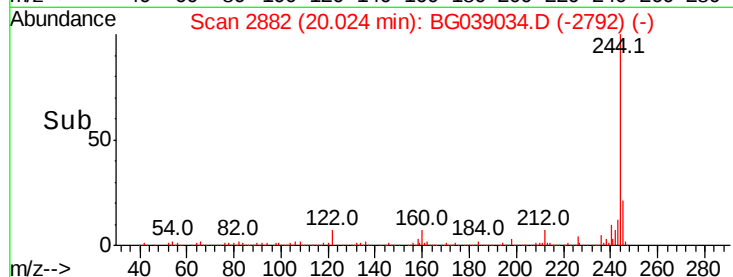
122 6.6 6.1 9.1



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: 0.012 ng

RT: 21.09 min Scan# 3064

Delta R.T. 0.39 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

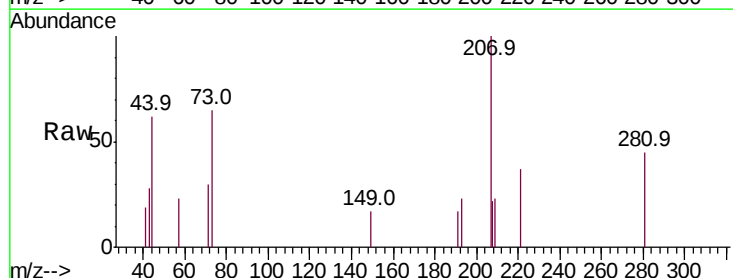
Tgt Ion:149 Resp: 53

Ion Ratio Lower Upper

149 100

91 0.0 51.4 77.0#

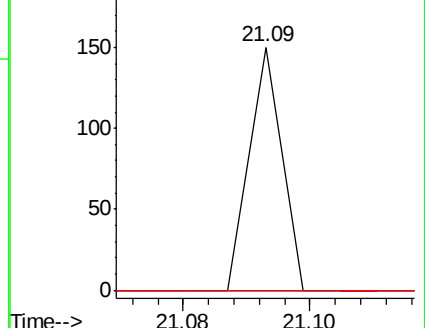
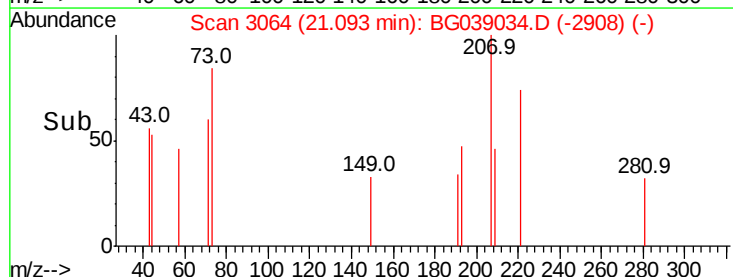
206 0.0 20.4 30.6#

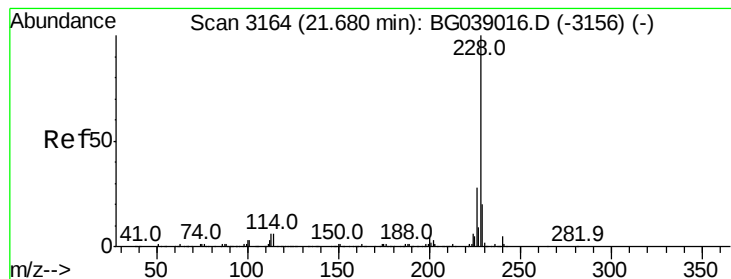


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.047 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.02 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

Instrument :

BNA_G

ClientSampled :

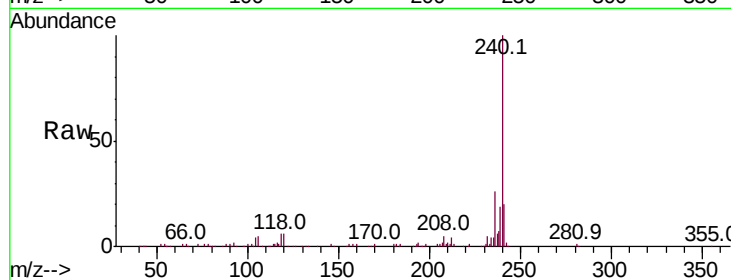
Tot Ion:228 Resp: 510

Ion Ratio Lower Upper

228 100

226 0.0 22.4 33.6#

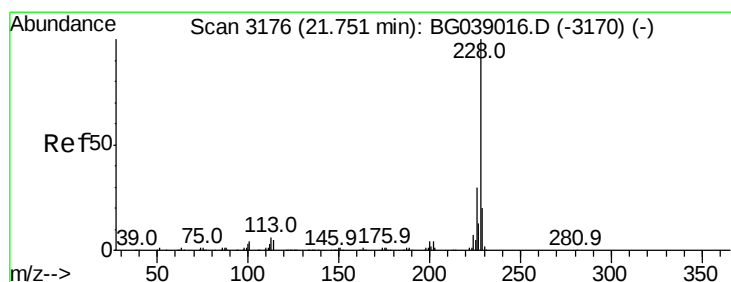
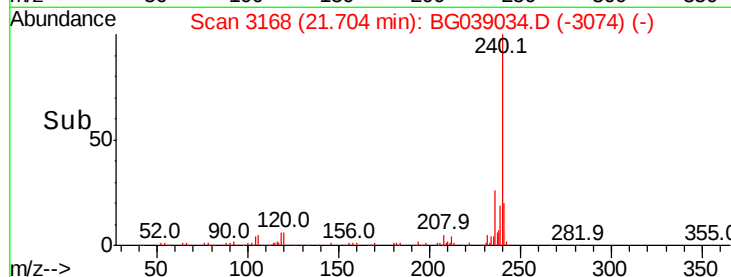
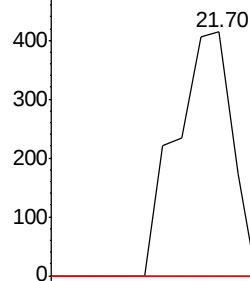
229 0.0 16.2 24.2#



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: 0.049 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.05 min

Lab File: BG039034.D

Acq: 9 Jan 2019 23:44

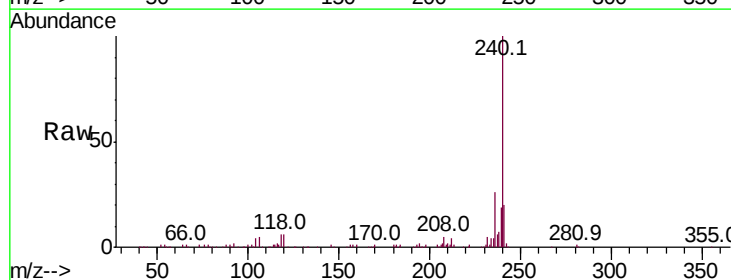
Tgt Ion:228 Resp: 510

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

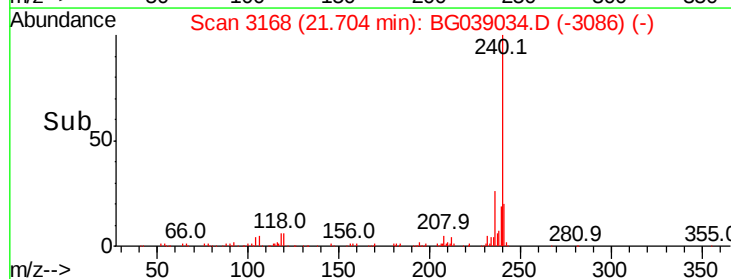
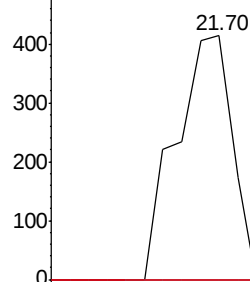
229 0.0 16.0 24.0#

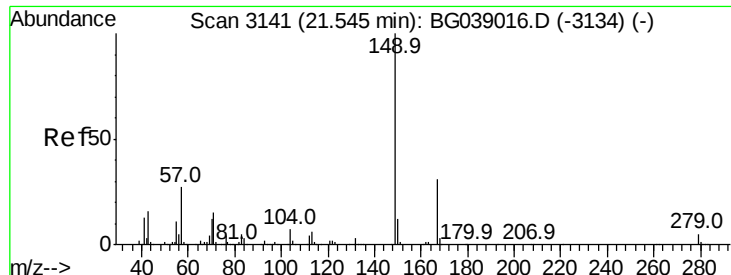


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

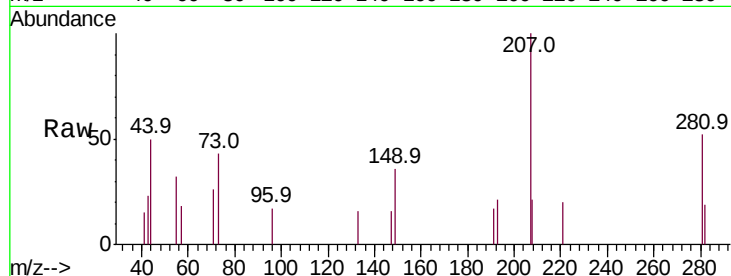




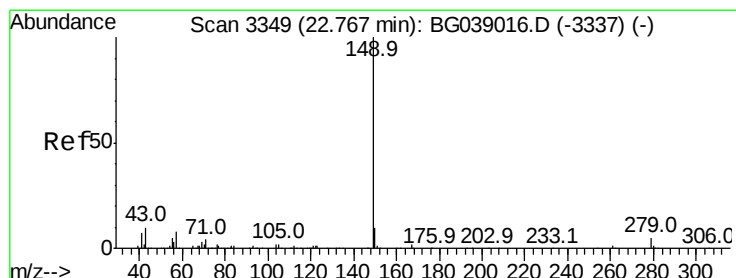
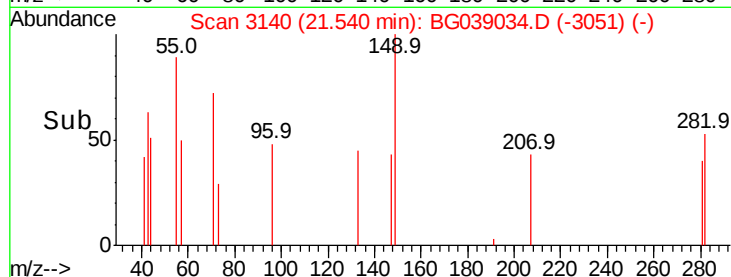
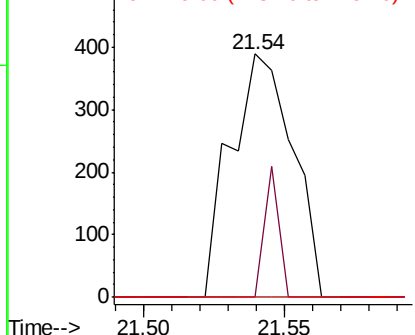
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.098 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG039034.D
 Acq: 9 Jan 2019 23:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 592
 Ion Ratio Lower Upper
 149 100
 167 0.0 25.0 37.4#
 279 0.0 4.3 6.5#

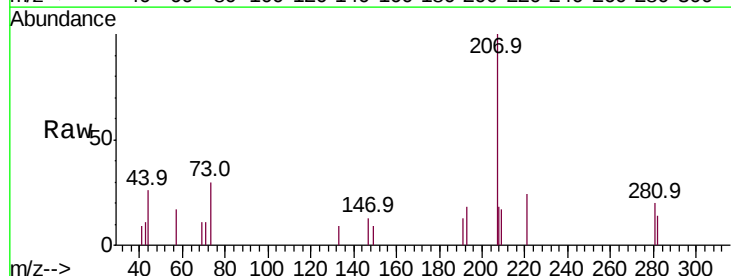


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

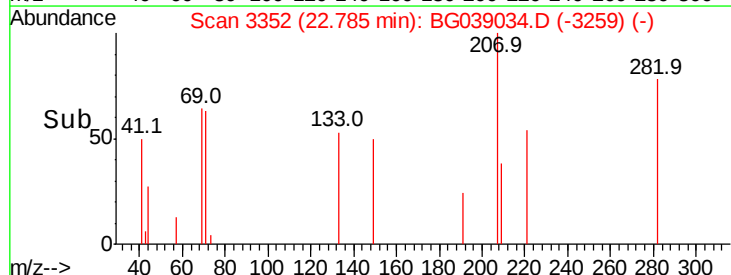
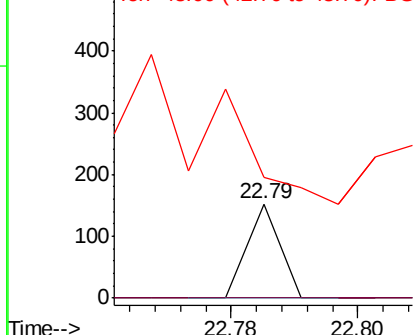


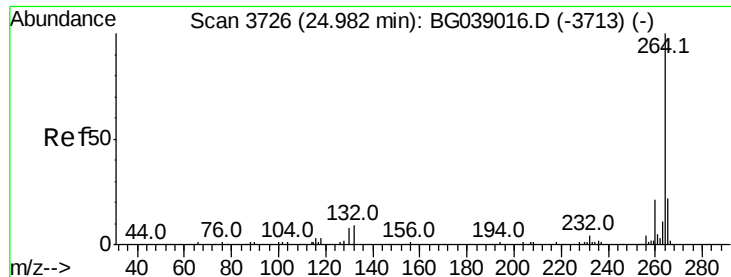
#85
 Di-n-octyl phthalate
 Concen: 0.005 ng
 RT: 22.79 min Scan# 3352
 Delta R.T. 0.02 min
 Lab File: BG039034.D
 Acq: 9 Jan 2019 23:44

Tgt Ion:149 Resp: 54
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 564.8 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



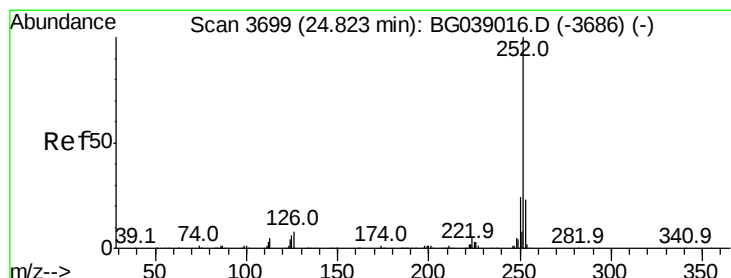
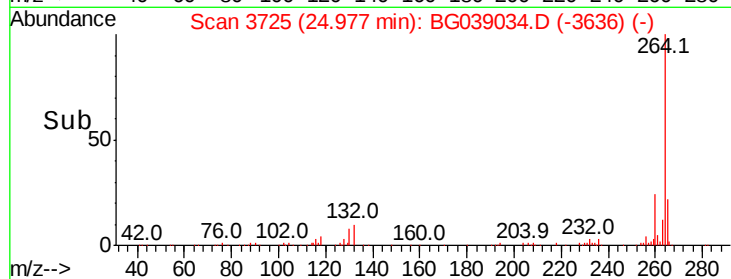
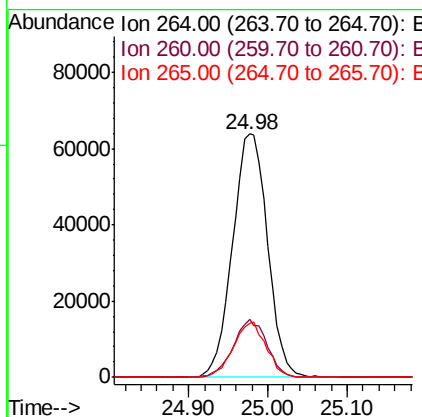
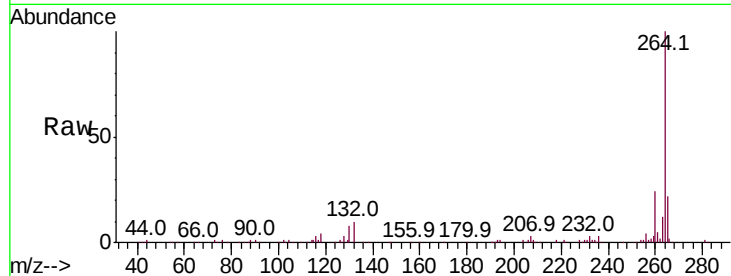


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 194801

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.0	25.6
265	22.1	17.2	25.8



#90
Benzo(a)pyrene
Concen: 0.055 ng
RT: 24.97 min Scan# 3724
Delta R.T. 0.15 min
Lab File: BG039034.D
Acq: 9 Jan 2019 23:44

Tgt Ion:252 Resp: 572

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	4.9	7.3#

