

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039027.D
 Acq On : 9 Jan 2019 19:10
 Operator : JU/SJ
 Sample : K1082-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:20:45 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	18873	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	78749	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	59243	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	165966	20.00	ng	0.00
76) Chrysene-d12	21.70	240	183239	20.00	ng	0.00
87) Perylene-d12	24.97	264	195928	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	106666	107.21	ng	0.00
7) Phenol-d6	7.19	99	154850	108.15	ng	0.00
23) Nitrobenzene-d5	9.21	82	91408	63.52	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	95565	96.23	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	247605	57.20	ng	0.00
79) Terphenyl-d14	20.02	244	549013	55.43	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	61	0.157	ng	# 1
4) n-Nitrosodimethylamine	3.73	42	64	0.134	ng	# 1
6) Aniline	7.56	93	68	0.040	ng	# 1
9) Benzaldehyde	7.17	77	57	0.069	ng	# 1
10) Phenol	7.21	94	2353	1.639	ng	# 66
11) bis(2-Chloroethyl)ether	7.56	93	68	0.062	ng	# 1
15) Benzyl Alcohol	8.35	79	1467	1.361	ng	# 49
19) n-Nitroso-di-n-propylamine	9.21	70	11935	12.694	ng	# 70
24) Nitrobenzene	9.21	77	190	0.131	ng	# 38
25) Isophorone	9.34	82	179	0.072	ng	# 62
31) Naphthalene	10.89	128	871	0.221	ng	# 68
46) 1,1'-Biphenyl	13.51	154	312	0.066	ng	# 41
48) 2-Nitroaniline	14.12	65	695	0.653	ng	# 1
50) Dimethylphthalate	14.12	163	76871	15.355	ng	# 98
51) 2,6-Dinitrotoluene	14.12	165	717	0.641	ng	# 1
52) Acenaphthene	14.74	154	69	0.020	ng	# 6
57) 2,4-Dinitrotoluene	14.67	165	7965	4.960	ng	# 26
58) Fluorene	16.16	166	2956	0.648	ng	# 93
60) Diethylphthalate	15.47	149	54	0.010	ng	# 57
63) Azobenzene	16.16	77	337	0.084	ng	# 38
65) 4,6-Dinitro-2-methylphenol	16.16	198	189	0.154	ng	# 74
66) n-Nitrosodiphenylamine	16.16	169	3129	0.636	ng	# 41
67) 4-Bromophenyl-phenylether	16.17	248	6542	3.066	ng	# 1
71) Phenanthrene	17.47	178	1328	0.151	ng	# 73
72) Anthracene	17.56	178	385	0.044	ng	# 60
74) Di-n-butylphthalate	18.36	149	131	0.014	ng	# 77
75) Fluoranthene	19.48	202	3018	0.278	ng	# 91
77) Benzidine	20.02	184	8154	1.455	ng	# 94
78) Pyrene	19.48	202	3018	0.258	ng	# 94
80) Butylbenzylphthalate	20.72	149	71	0.016	ng	# 27
81) Benzo(a)anthracene	21.68	228	2761	0.248	ng	# 92
83) Chrysene	21.74	228	1707	0.161	ng	# 82
84) Bis(2-ethylhexyl)phthalate	21.54	149	246	0.040	ng	# 49
85) Di-n-octyl phthalate	22.80	149	58	0.006	ng	# 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

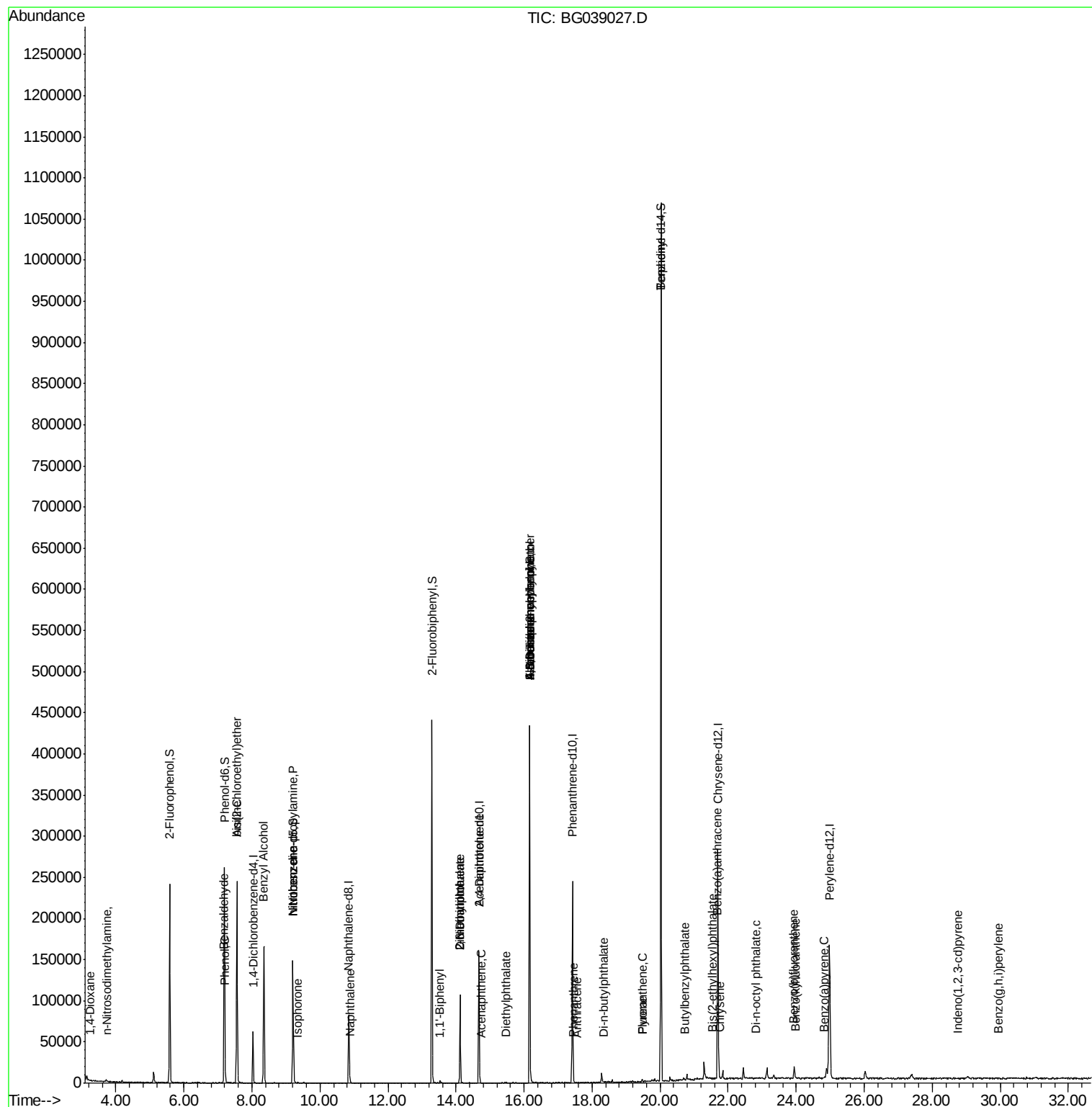
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	28.75	276	1195	0.094	ng	# 56
88) Benzo(b)fluoranthene	23.93	252	2008	0.186	ng	# 81
89) Benzo(k)fluoranthene	23.98	252	218	0.020	ng	# 79
90) Benzo(a)pyrene	24.82	252	2084	0.200	ng	# 91
92) Benzo(g,h,i)perylene	29.94	276	985	0.096	ng	# 56

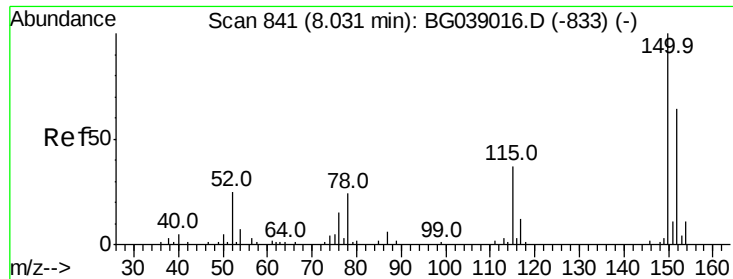
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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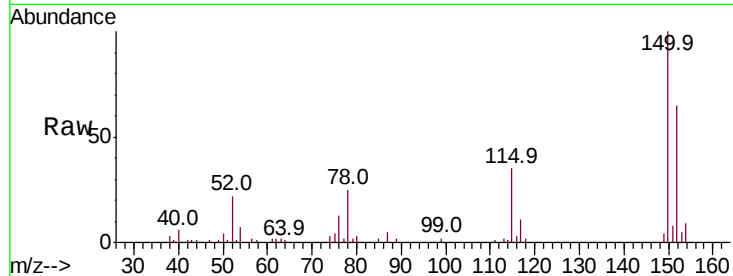


#1

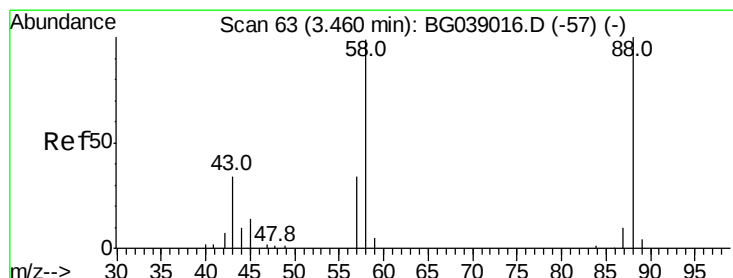
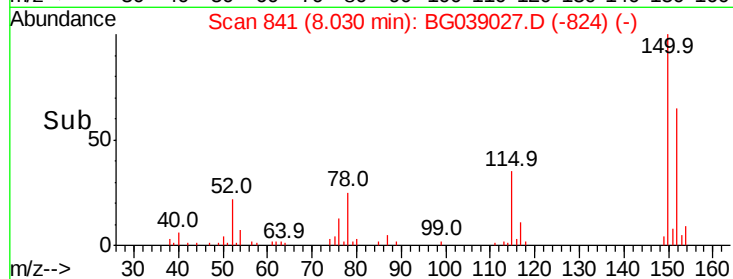
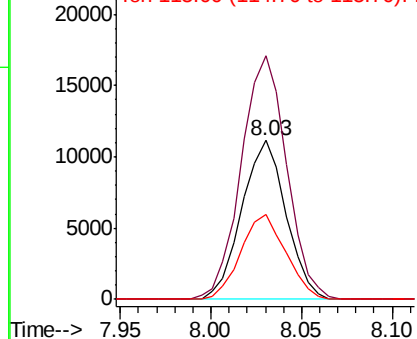
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 18873
Ion Ratio Lower Upper
152 100
150 153.2 124.7 187.1
115 53.7 46.5 69.7



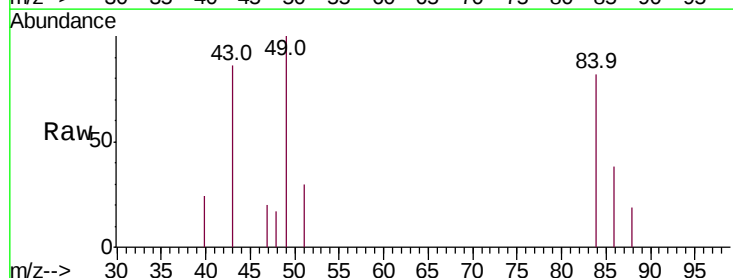
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



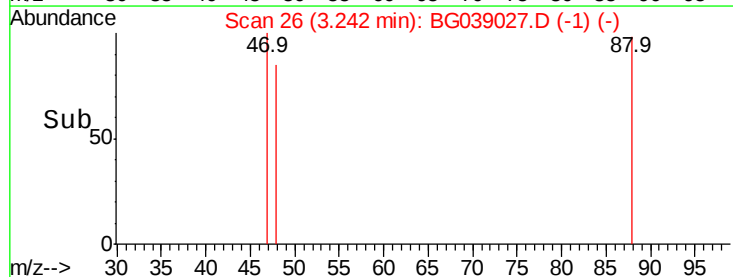
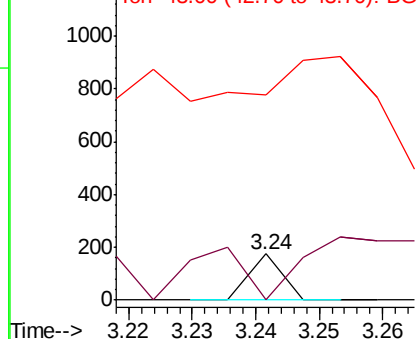
#2

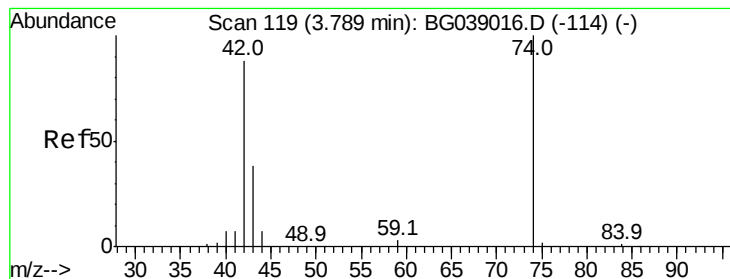
1,4-Dioxane
Concen: 0.157 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.22 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
58 201.6 72.4 108.6#
43 0.0 27.6 41.4#



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





#4

n-Nitrosodimethylamine

Concen: 0.134 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.06 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

Instrument :

BNA_G

ClientSampleId :

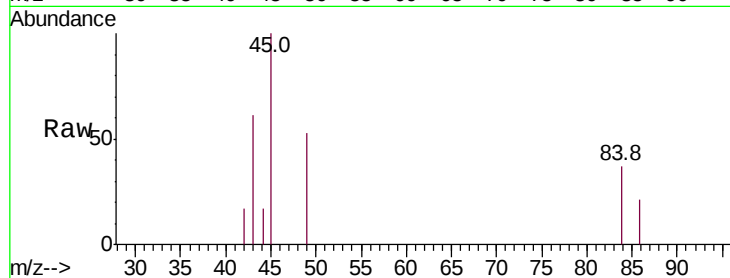
Tot Ion: 42 Resp: 64

Ion Ratio Lower Upper

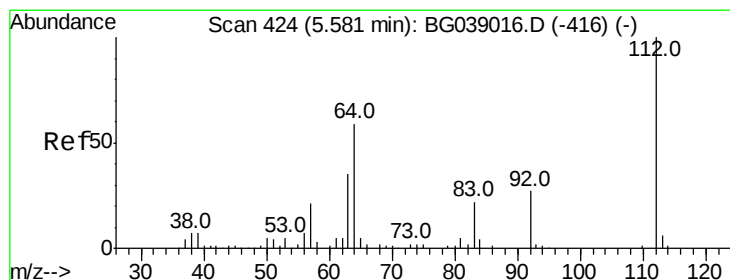
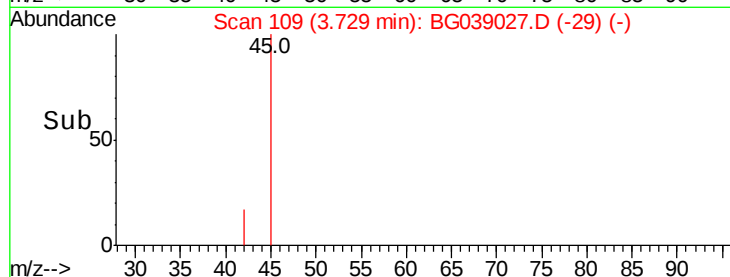
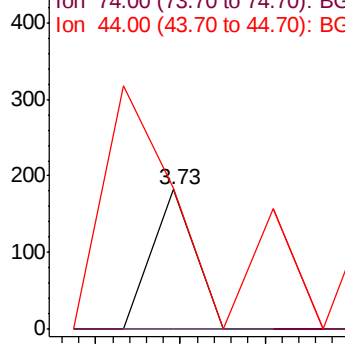
42 100

74 0.0 90.7 136.1#

44 101.1 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: 107.213 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

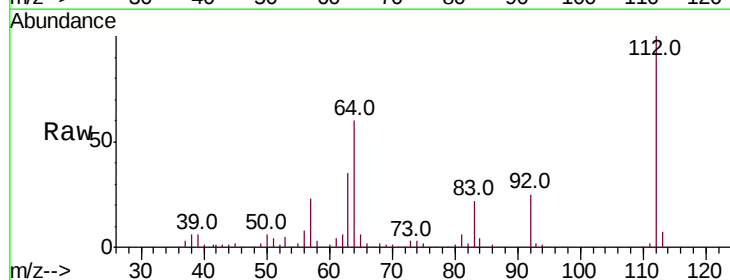
Tgt Ion: 112 Resp: 106666

Ion Ratio Lower Upper

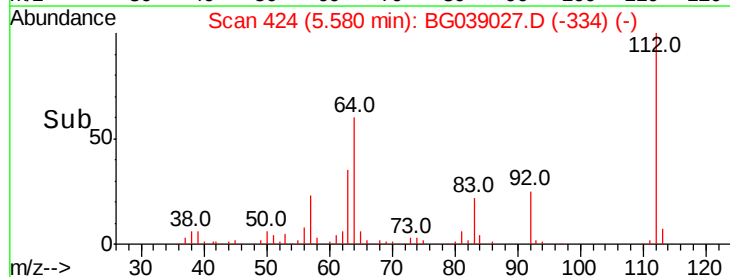
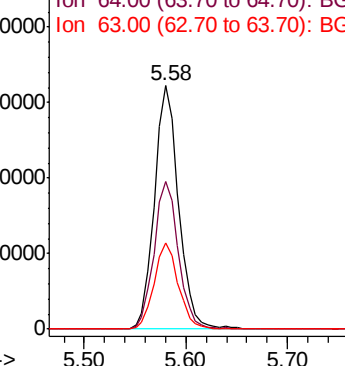
112 100

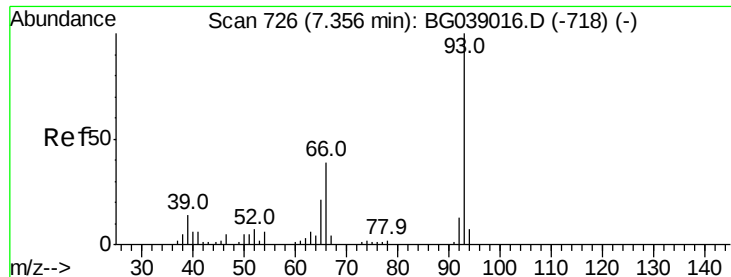
64 60.4 47.0 70.6

63 35.2 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.040 ng

RT: 7.56 min Scan# 761

Delta R.T. 0.20 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

Instrument :

BNA_G

ClientSampled :

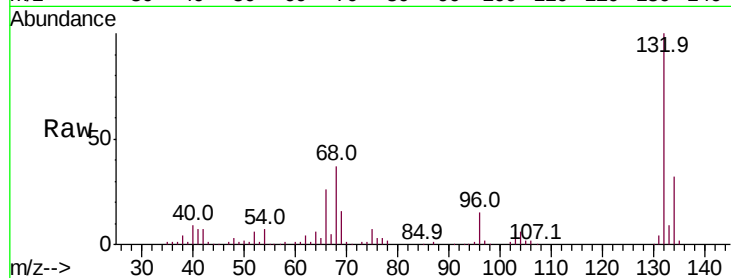
Tot Ion: 93 Resp: 68

Ion Ratio Lower Upper

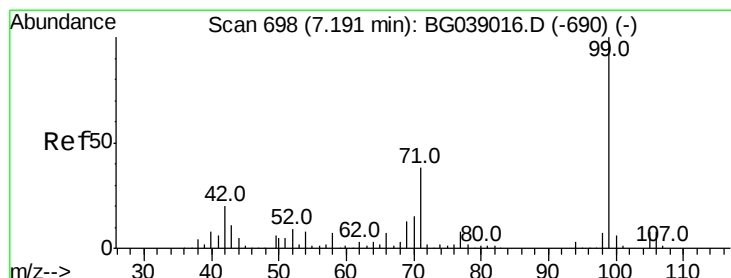
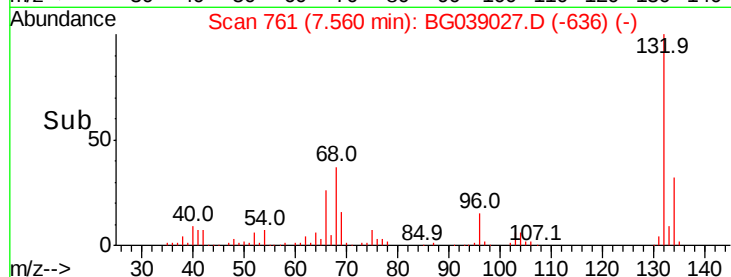
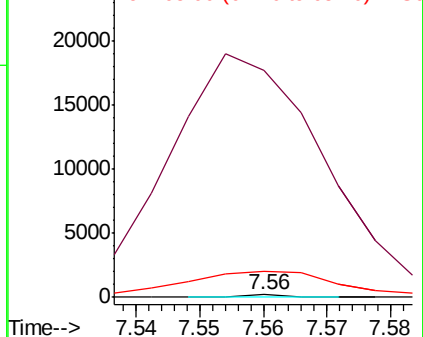
93 100

66 9150.5 30.9 46.3#

65 1050.0 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: 108.152 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

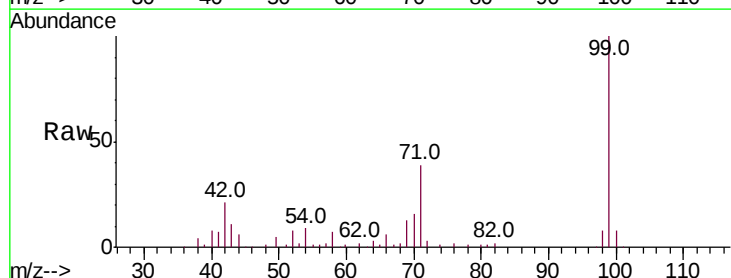
Tgt Ion: 99 Resp: 154850

Ion Ratio Lower Upper

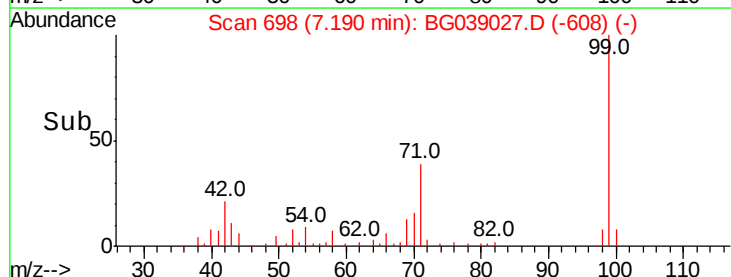
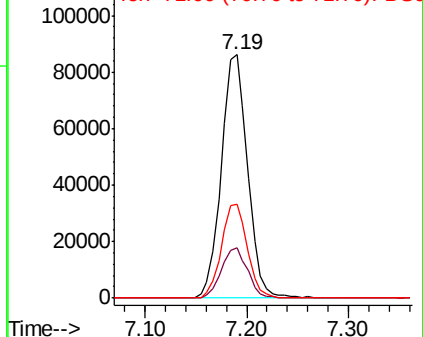
99 100

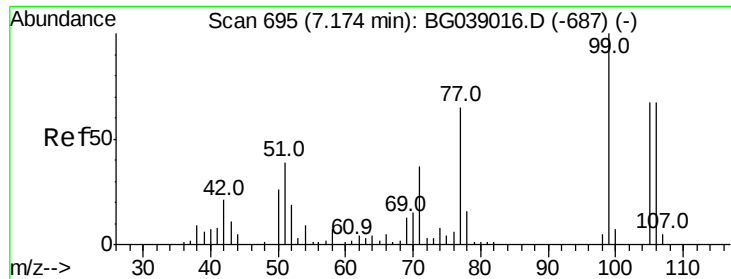
42 20.9 15.8 23.6

71 38.6 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: 0.069 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

Instrument :

BNA_G

ClientSampleId :

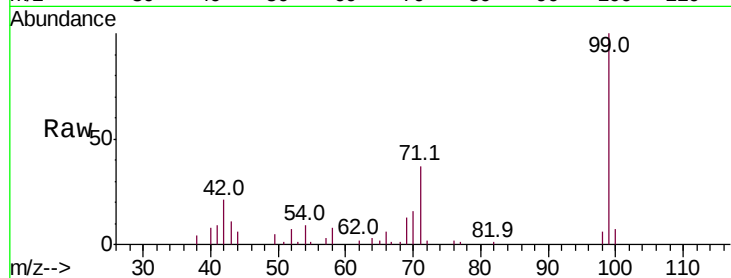
Tot Ion: 77 Resp: 57

Ion Ratio Lower Upper

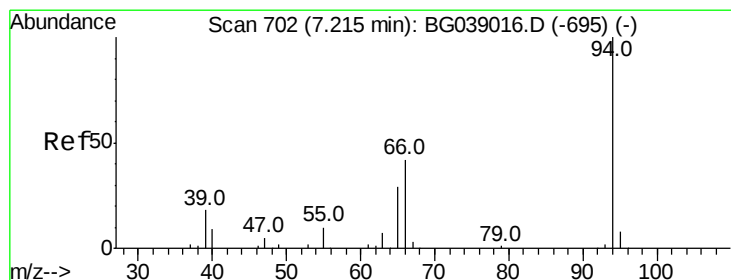
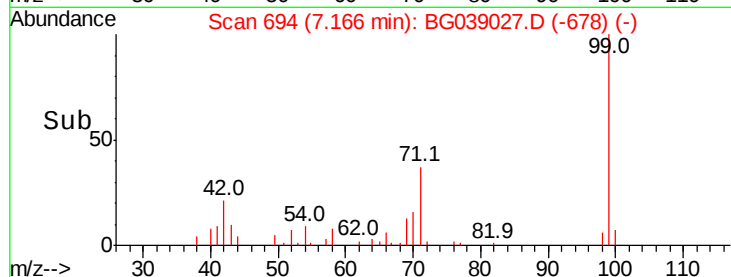
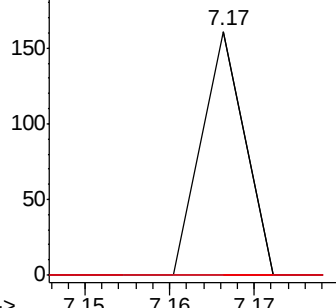
77 100

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: 1.639 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

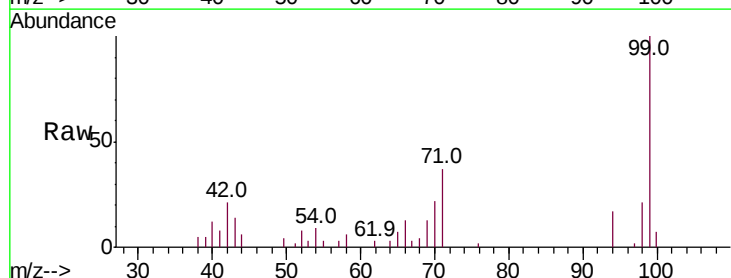
Tgt Ion: 94 Resp: 2353

Ion Ratio Lower Upper

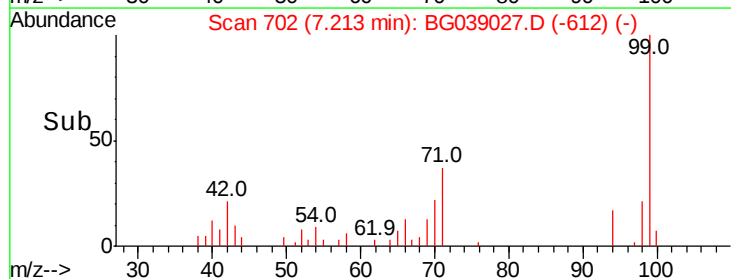
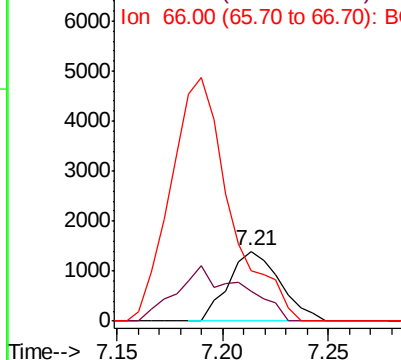
94 100

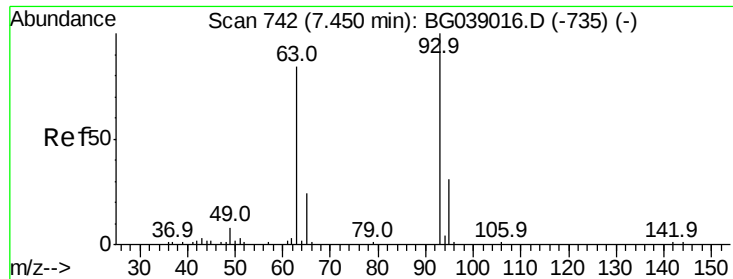
65 42.1 10.3 50.3

66 72.3 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



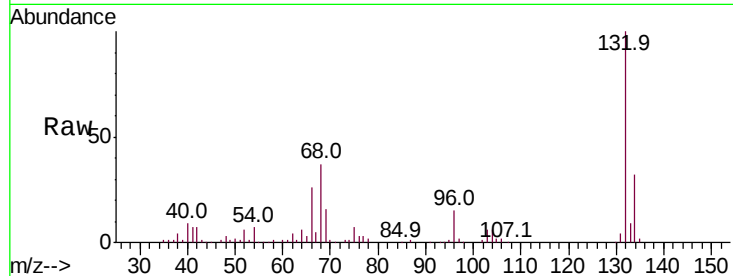


#11

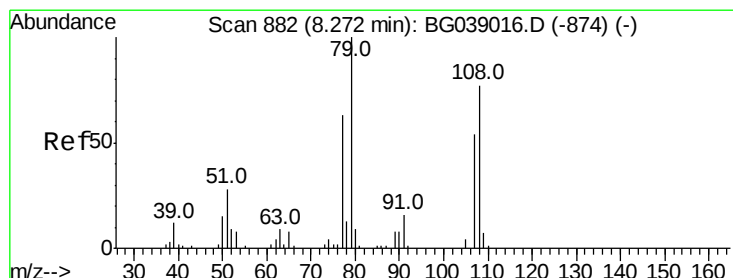
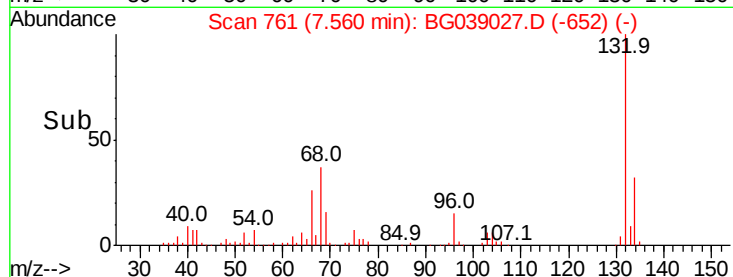
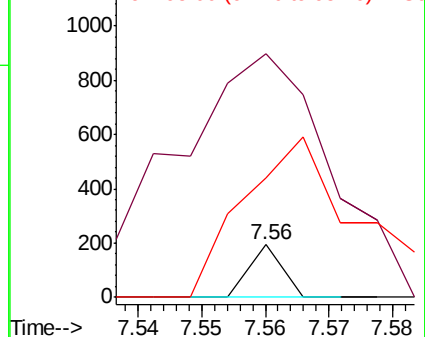
bis(2-Chloroethyl)ether
Concen: 0.062 ng
RT: 7.56 min Scan# 761
Delta R.T. 0.11 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Instrument :
BNA_G
ClientSampled :

Tot Ion	93	Resp	68
Ion	Ratio	Lower	Upper
93	100		
63	462.4	63.2	103.2#
95	226.8	11.2	51.2#



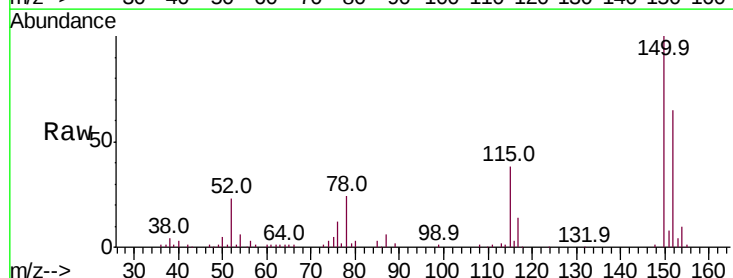
Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



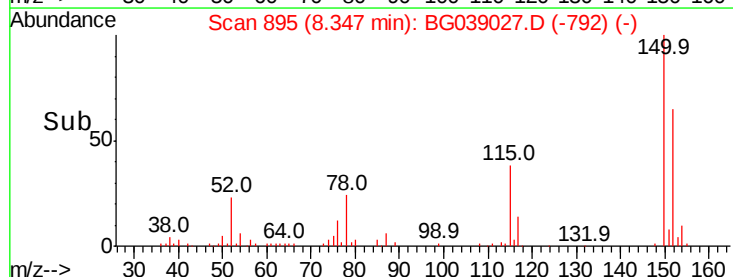
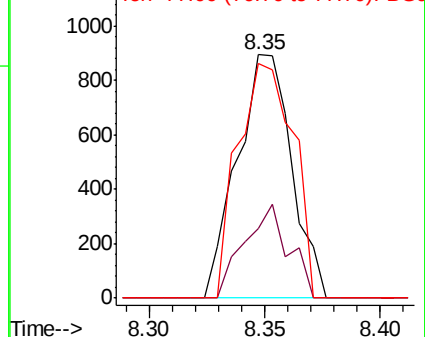
#15

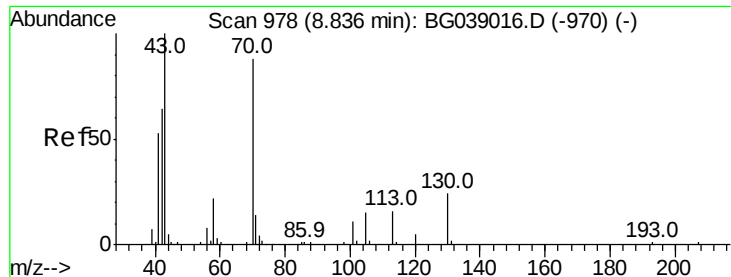
Benzyl Alcohol
Concen: 1.361 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.08 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Tgt Ion	79	Resp	1467
Ion	Ratio	Lower	Upper
79	100		
108	28.6	62.0	93.0#
77	96.4	50.1	75.1#



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

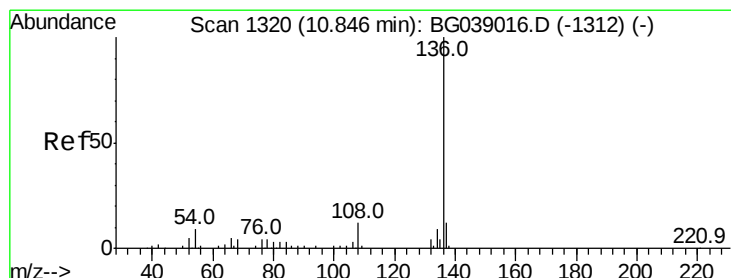
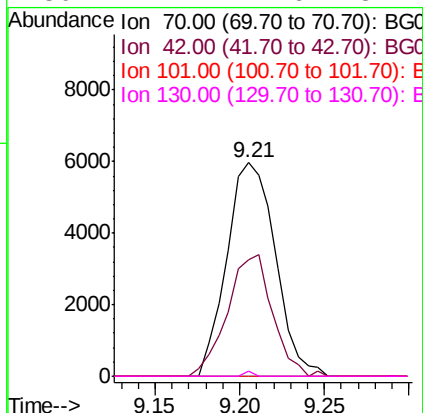
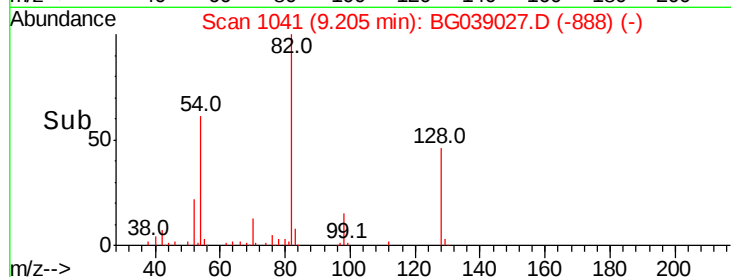
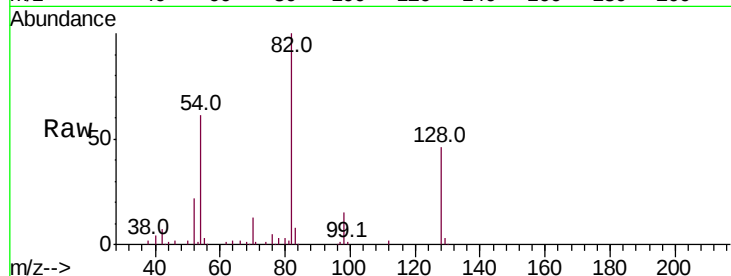




#19
n-Nitroso-di-n-propylamine
Concen: 12.694 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

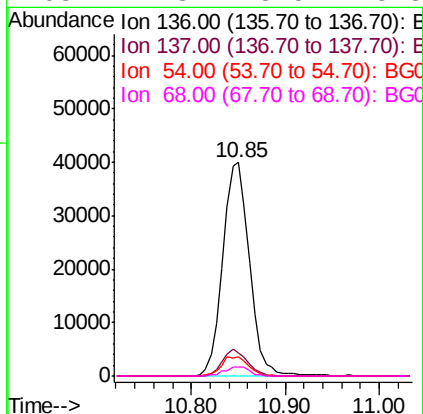
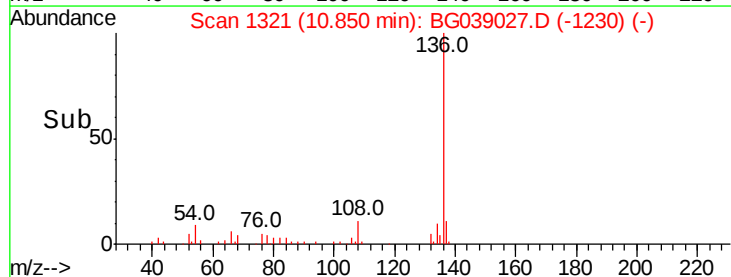
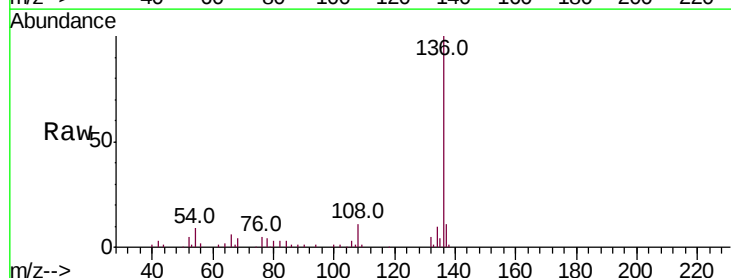
Instrument :
BNA_G
ClientSampleId :

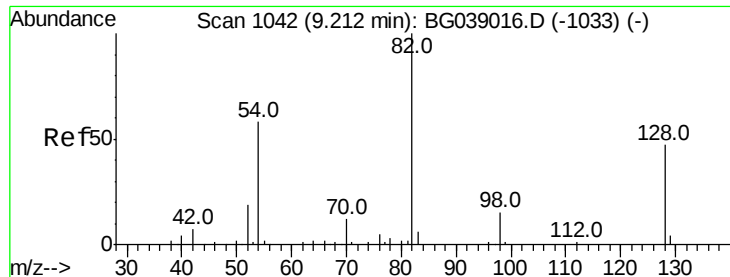
Tot Ion: 70 Resp: 11935
Ion Ratio Lower Upper
70 100
42 54.3 59.0 88.4#
101 0.0 10.4 15.6#
130 2.7 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Tgt Ion: 136 Resp: 78749
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 8.7 7.2 10.8
68 4.3 3.5 5.3

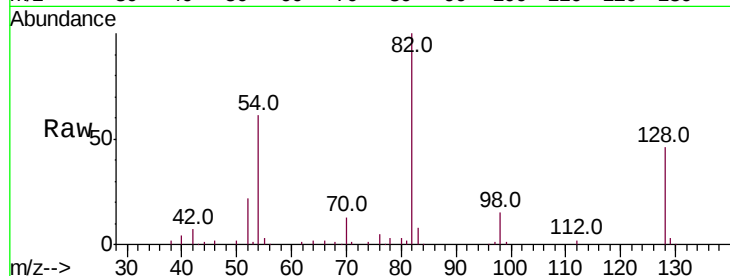




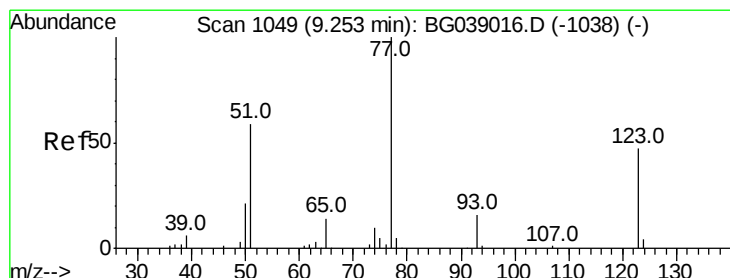
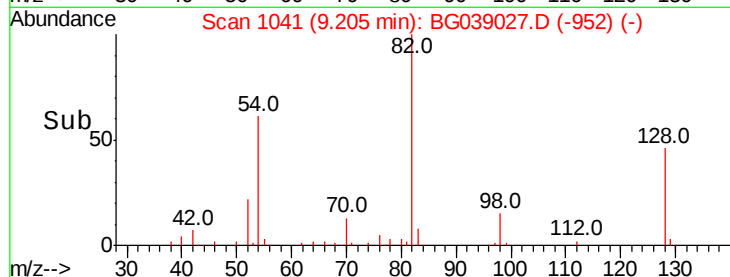
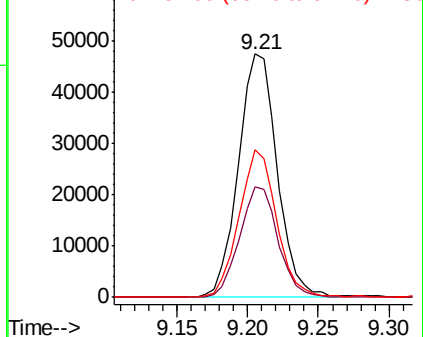
#23
 Nitrobenzene-d5
 Concen: 63.516 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039027.D
 Acq: 9 Jan 2019 19:10

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion: 82 Resp: 91408
 Ion Ratio Lower Upper
 82 100
 128 45.6 37.3 55.9
 54 60.6 46.4 69.6

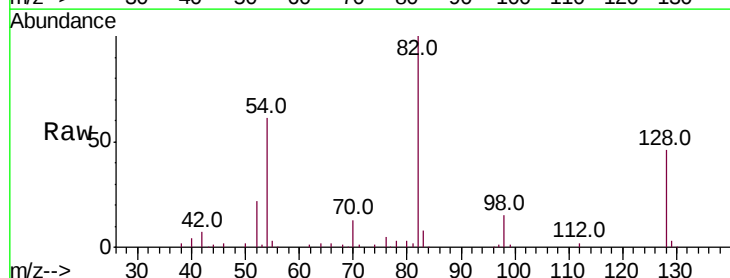


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

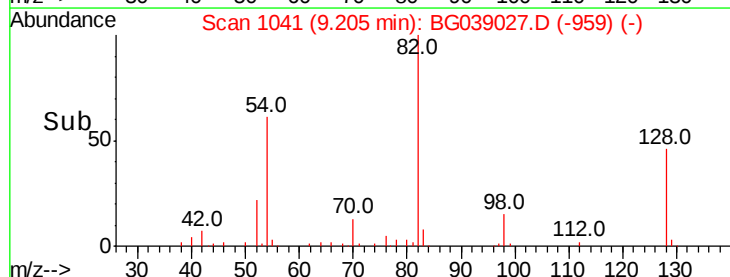
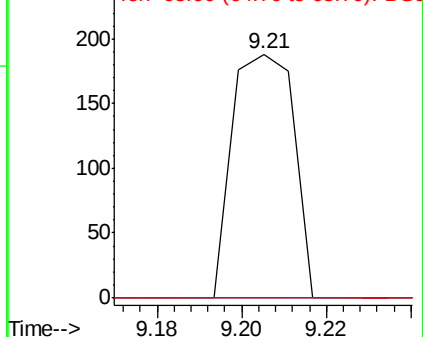


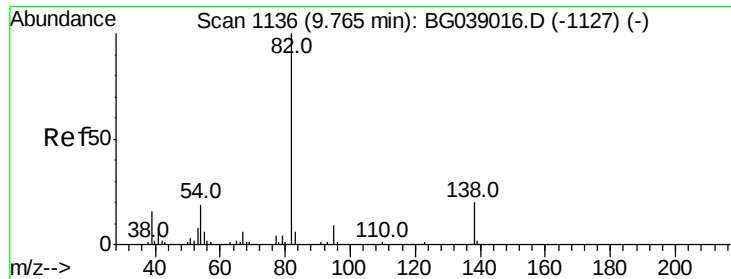
#24
 Nitrobenzene
 Concen: 0.131 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.05 min
 Lab File: BG039027.D
 Acq: 9 Jan 2019 19:10

Tgt Ion: 77 Resp: 190
 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: 0.072 ng

RT: 9.34 min Scan# 1064

Delta R.T. -0.42 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

Instrument :

BNA_G

ClientSampleId :

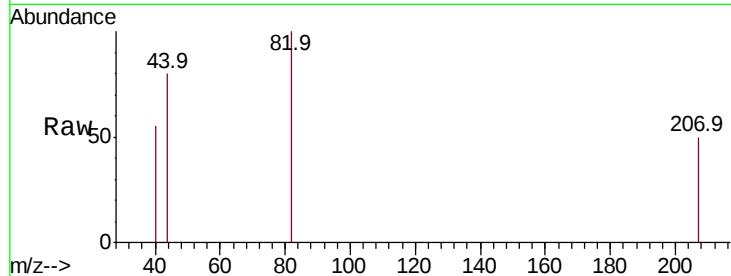
Tot Ion: 82 Resp: 179

Ion Ratio Lower Upper

82 100

95 0.0 7.0 10.6#

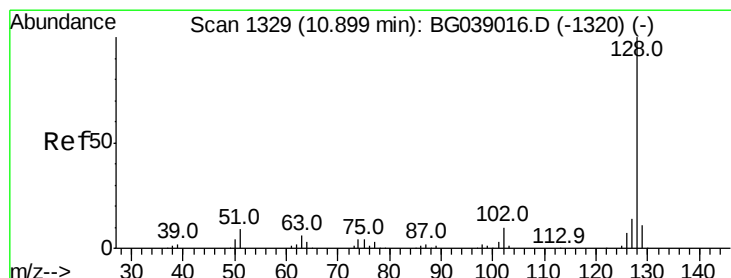
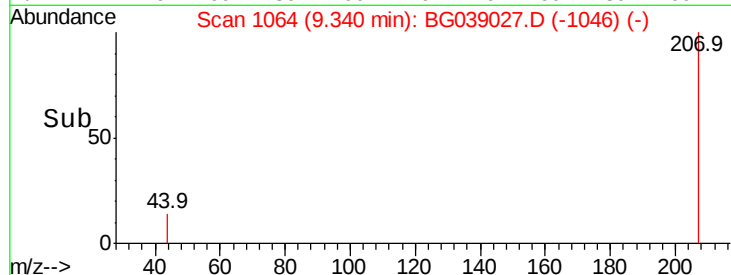
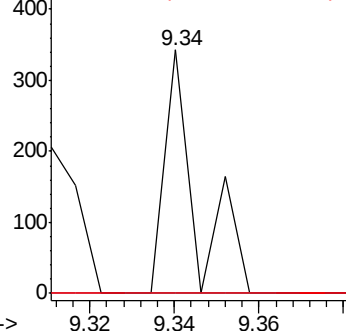
138 0.0 16.2 24.4#



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



#31

Naphthalene

Concen: 0.221 ng

RT: 10.89 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

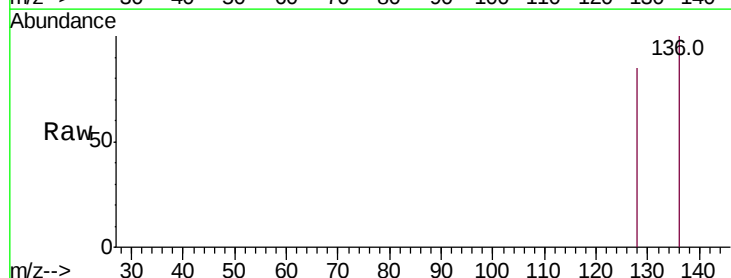
Tgt Ion: 128 Resp: 871

Ion Ratio Lower Upper

128 100

129 0.0 9.1 13.7#

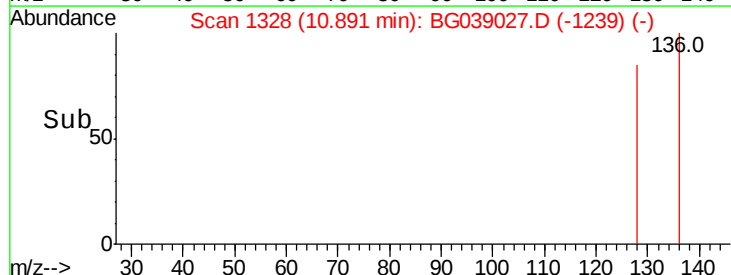
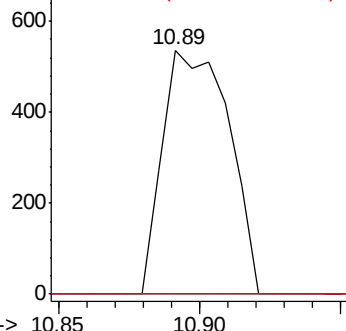
127 0.0 11.2 16.8#

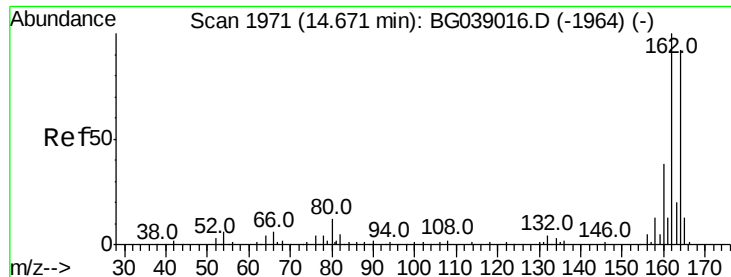


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

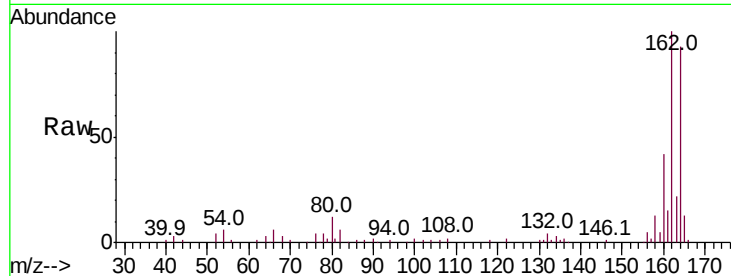




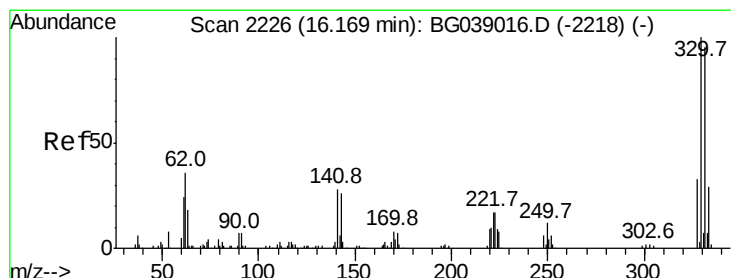
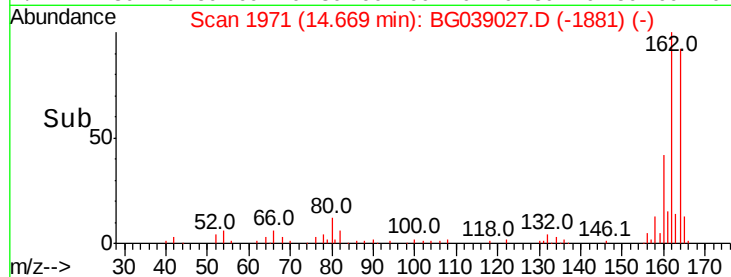
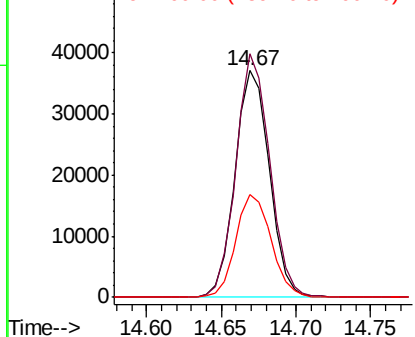
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 59243
Ion Ratio Lower Upper
164 100
162 107.5 87.2 130.8
160 45.2 33.3 49.9

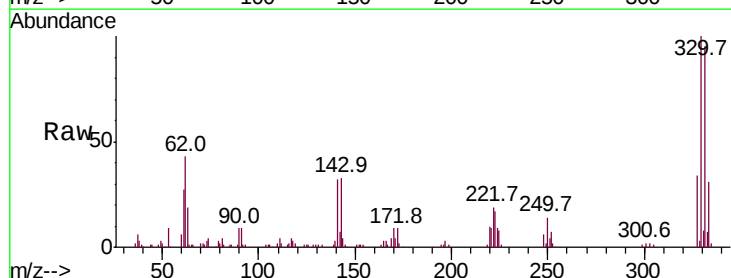


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

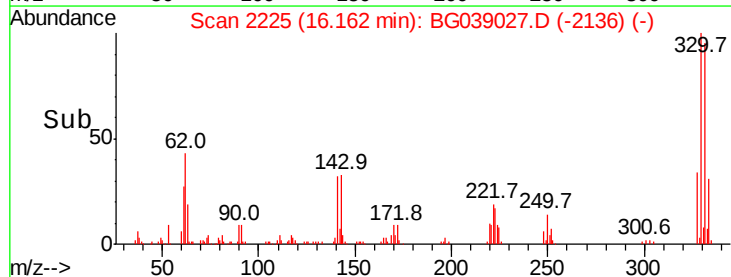
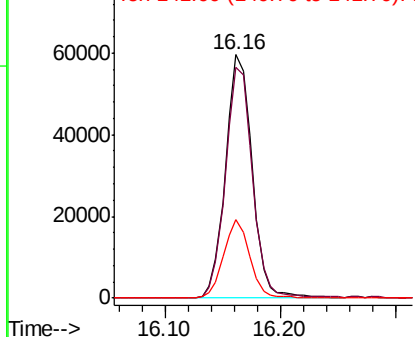


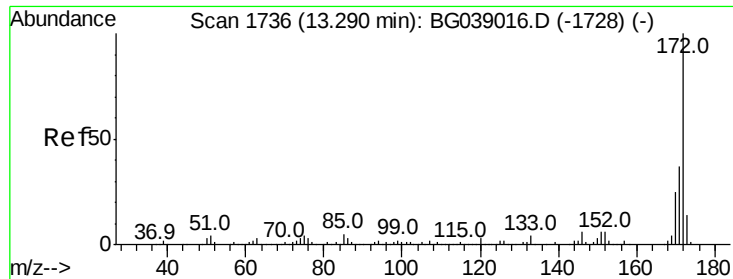
#42
2,4,6-Tribromophenol
Concen: 96.231 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Tgt Ion:330 Resp: 95565
Ion Ratio Lower Upper
330 100
332 95.7 75.7 113.5
141 31.4 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

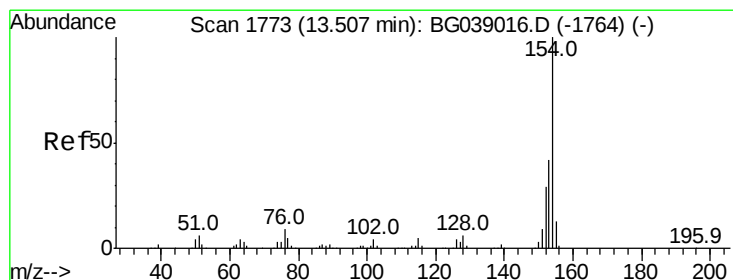
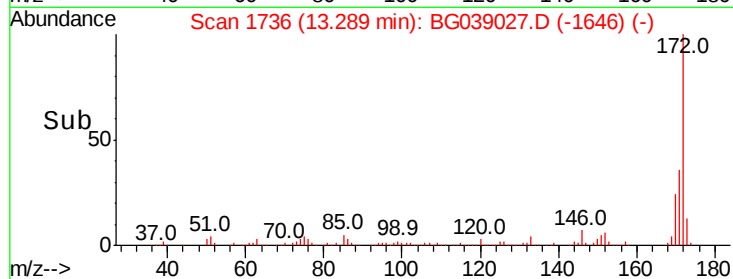
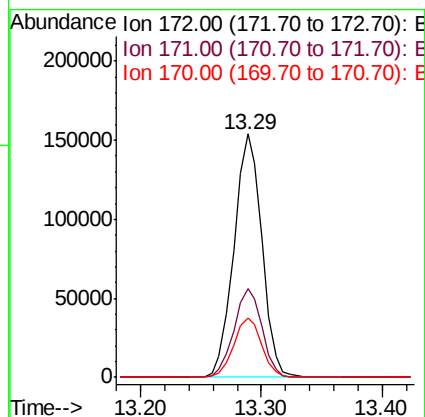
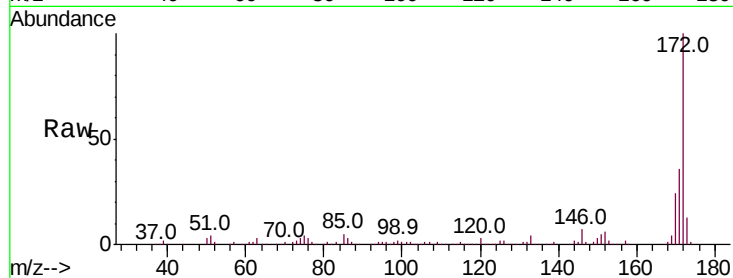




#45
 2-Fluorobiphenyl
 Concen: 57.199 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039027.D
 Acq: 9 Jan 2019 19:10

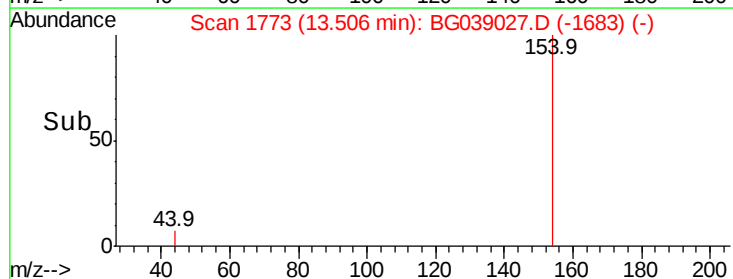
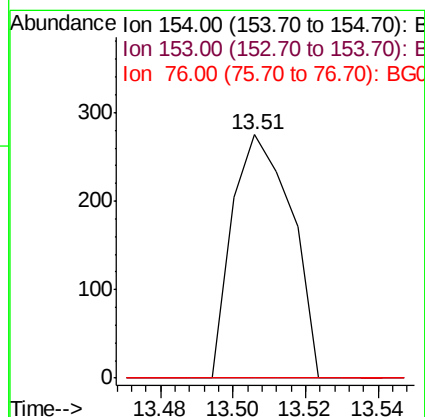
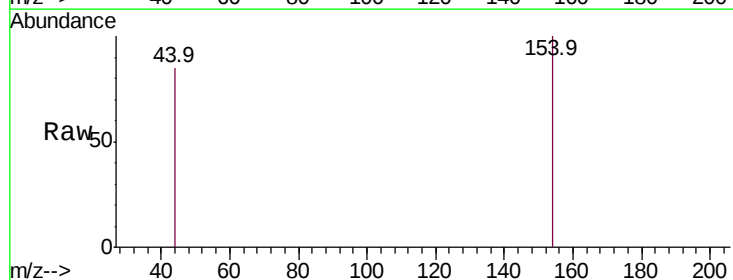
Instrument :
 BNA_G
 ClientSampleId :

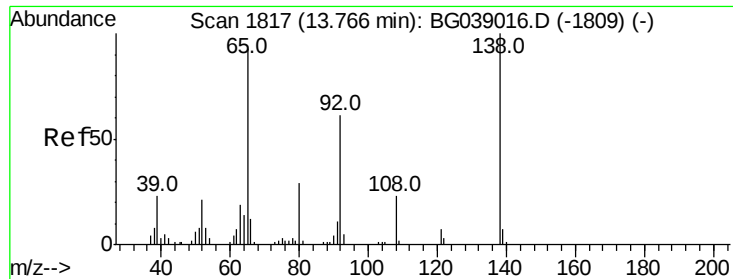
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.2	20.1	30.1



#46
 1,1'-Biphenyl
 Concen: 0.066 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG039027.D
 Acq: 9 Jan 2019 19:10

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





#48

2-Nitroaniline

Concen: 0.653 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.35 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

Instrument :

BNA_G

ClientSampleId :

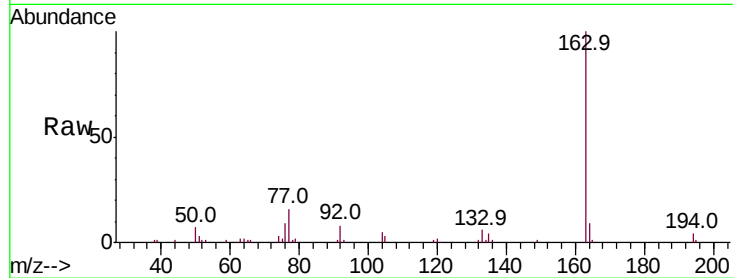
Tot Ion: 65 Resp: 695

Ion Ratio Lower Upper

65 100

92 840.2 52.2 78.4#

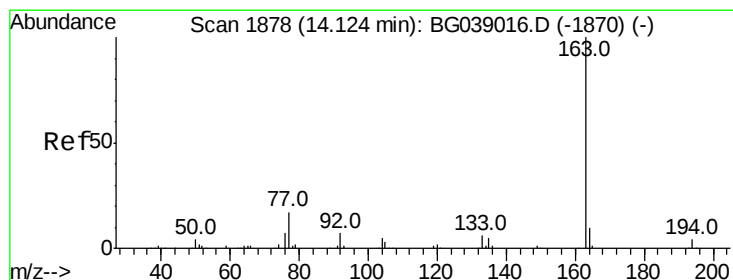
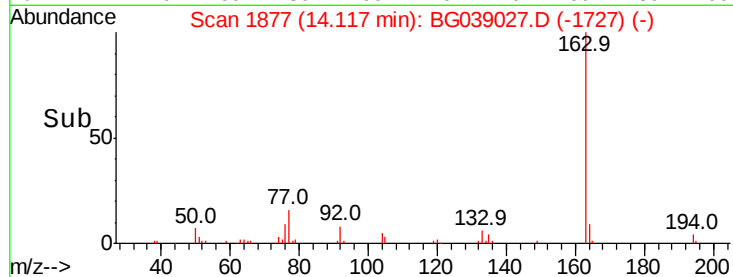
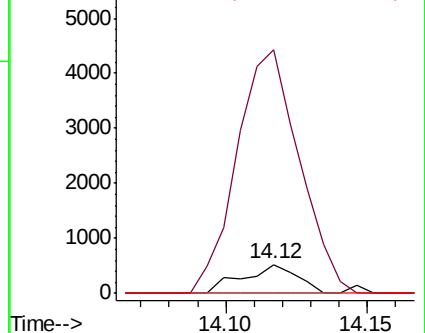
138 0.0 86.0 129.0#



Abundance Ion 65.00 (64.70 to 65.70): BG039016.D (-1809) (-)

Ion 92.00 (91.70 to 92.70): BG039016.D (-1809) (-)

Ion 138.00 (137.70 to 138.70): BG039016.D (-1809) (-)



#50

Dimethylphthalate

Concen: 15.355 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

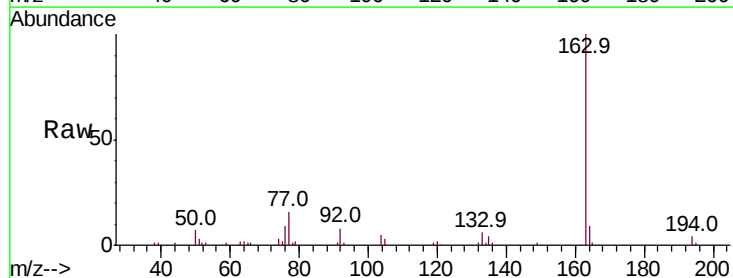
Tgt Ion: 163 Resp: 76871

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

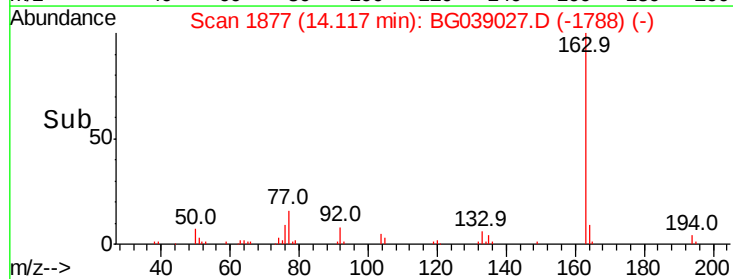
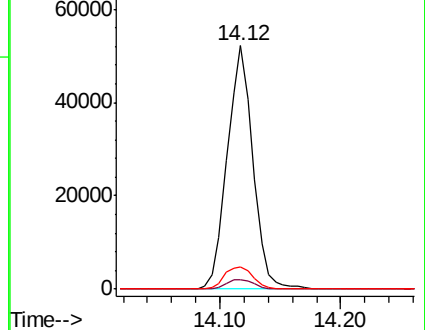
164 9.3 8.2 12.2

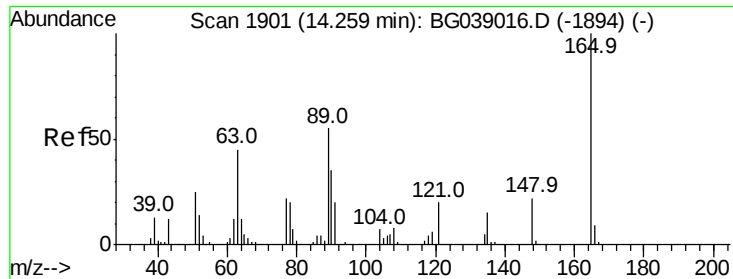


Abundance Ion 163.00 (162.70 to 163.70): BG039016.D (-1870) (-)

Ion 194.00 (193.70 to 194.70): BG039016.D (-1870) (-)

Ion 164.00 (163.70 to 164.70): BG039016.D (-1870) (-)





#51

2,6-Dinitrotoluene

Concen: 0.641 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.14 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

Instrument :

BNA_G

ClientSampled :

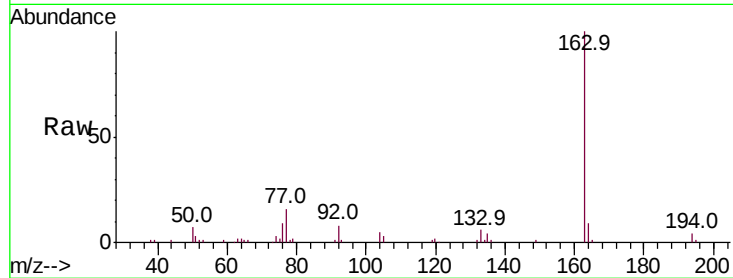
Tot Ion:165 Resp: 717

Ion Ratio Lower Upper

165 100

63 160.2 43.6 65.4#

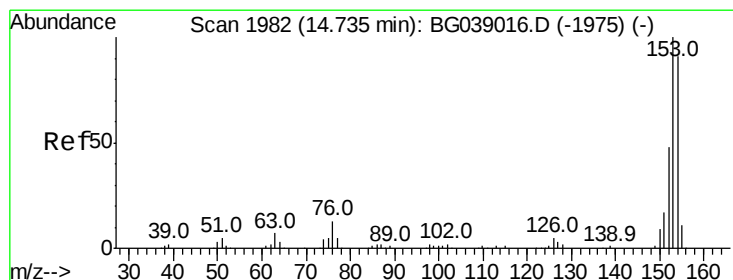
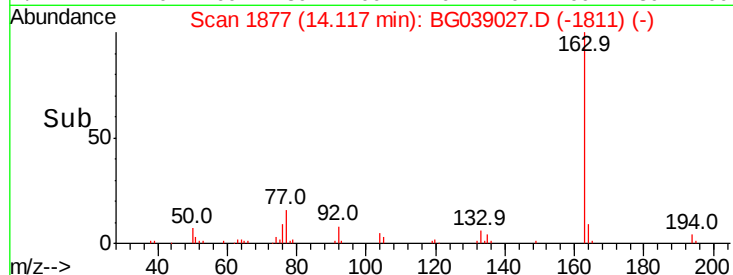
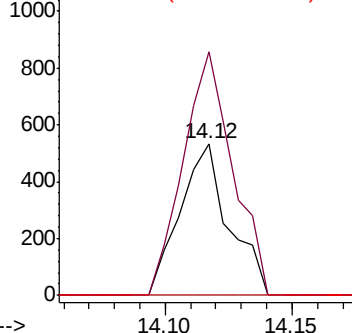
89 0.0 43.7 65.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 0.020 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

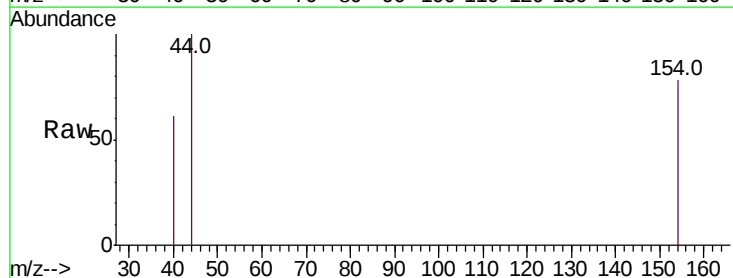
Tgt Ion:154 Resp: 69

Ion Ratio Lower Upper

154 100

153 0.0 87.9 131.9#

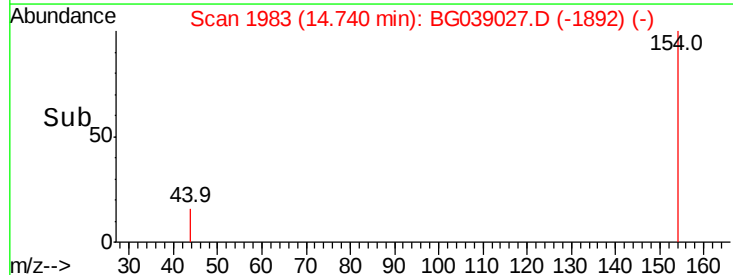
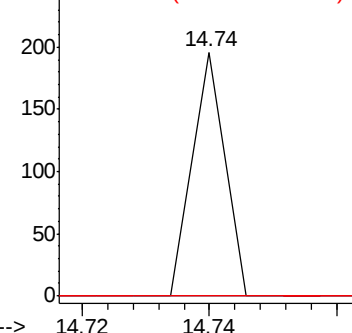
152 0.0 42.2 63.2#

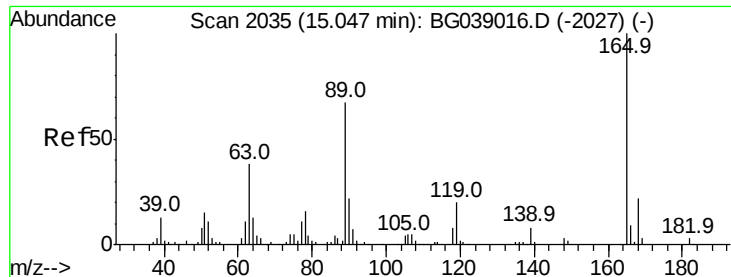


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

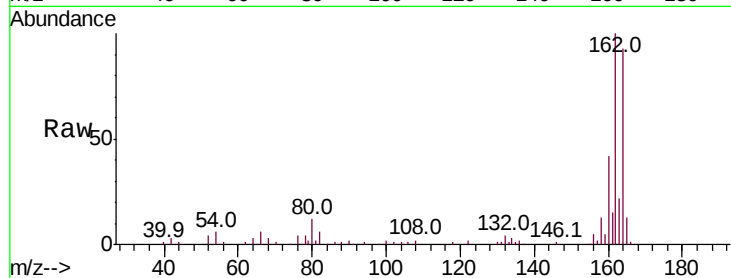




#57
 2,4-Dinitrotoluene
 Concen: 4.960 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.38 min
 Lab File: BG039027.D
 Acq: 9 Jan 2019 19:10

Instrument :
 BNA_G
 ClientSampleId :

Tot 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#



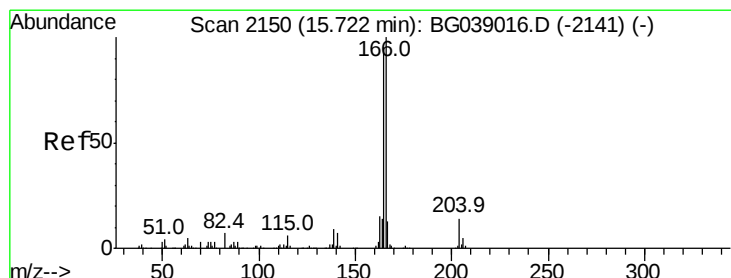
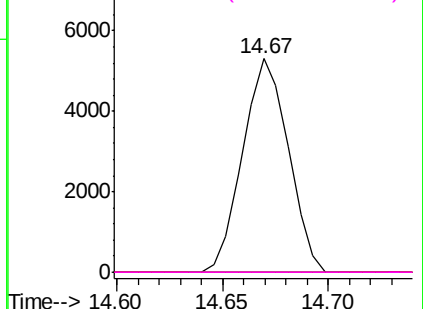
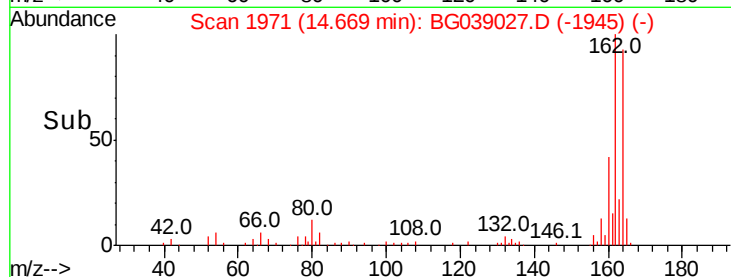
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

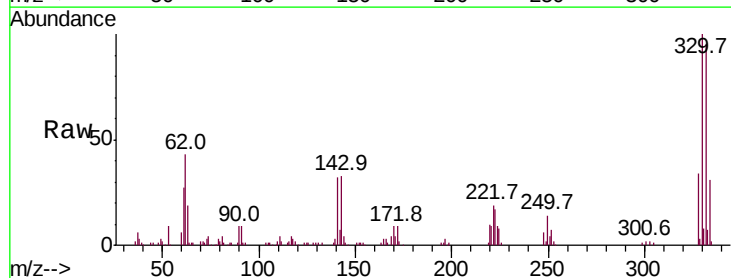
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 0.648 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.44 min
 Lab File: BG039027.D
 Acq: 9 Jan 2019 19:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.5	76.2	114.2
167	33.2	10.6	16.0#

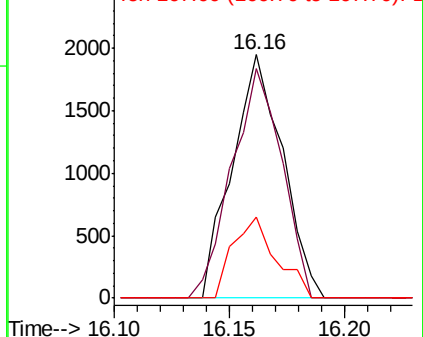
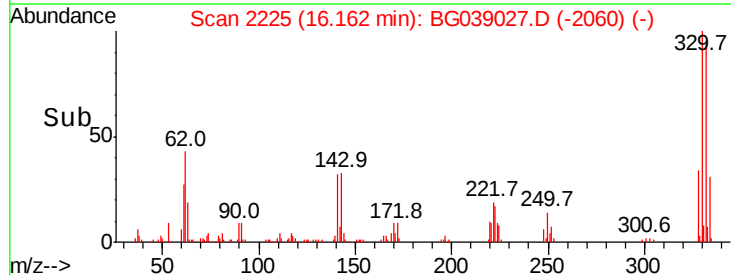


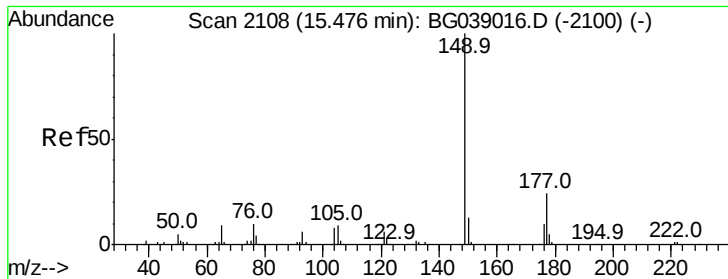
Abundance

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

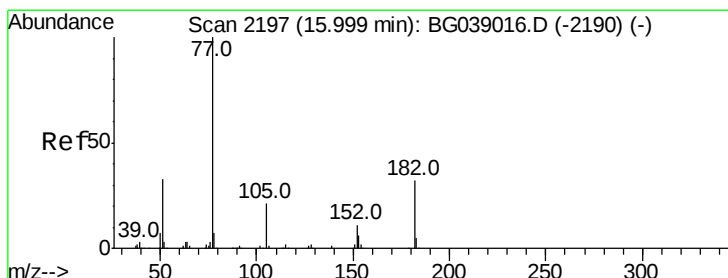
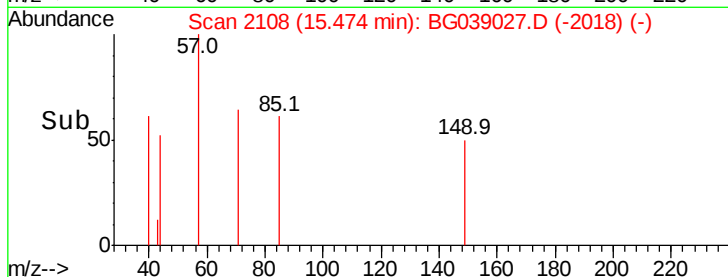
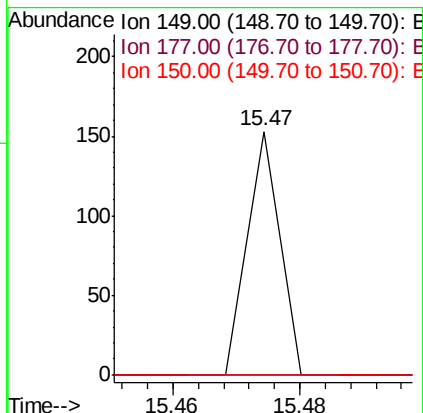
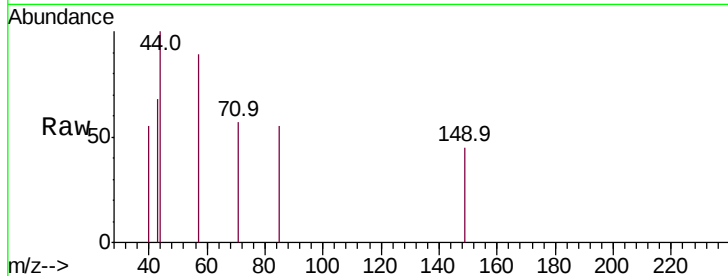




#60
Diethylphthalate
Concen: 0.010 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

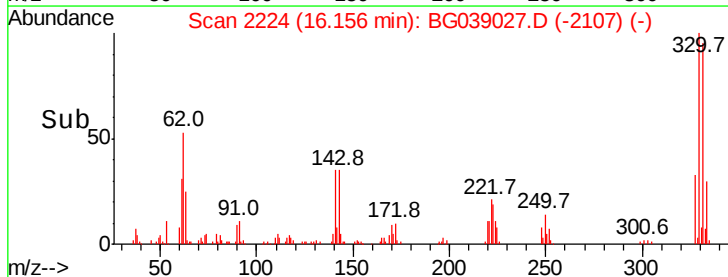
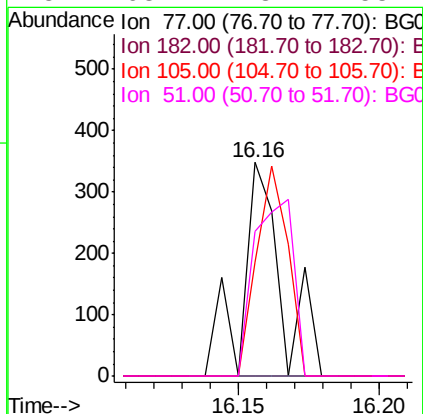
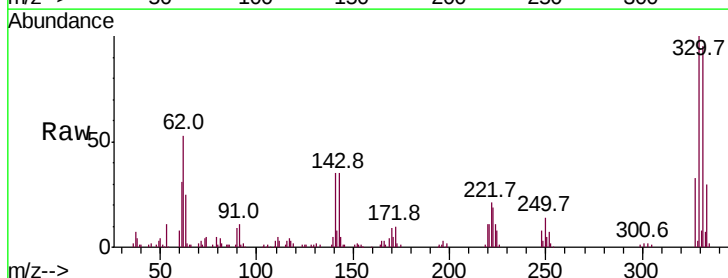
Instrument :
BNA_G
ClientSampleId :

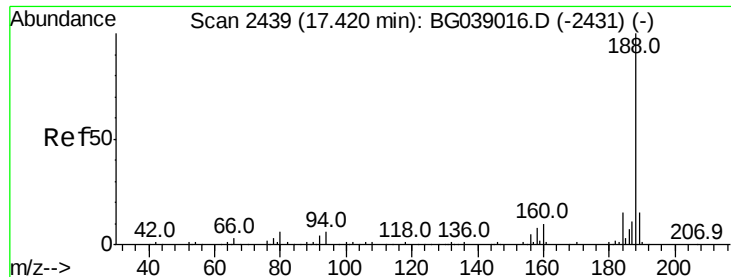
Tot Ion:149 Resp: 54
Ion Ratio Lower Upper
149 100
177 0.0 19.0 28.6#
150 0.0 10.2 15.4#



#63
Azobenzene
Concen: 0.084 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.16 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Tgt Ion: 77 Resp: 337
Ion Ratio Lower Upper
77 100
182 0.0 12.2 52.2#
105 53.7 1.2 41.2#
51 68.1 13.4 53.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

Instrument :

BNA_G

ClientSampled :

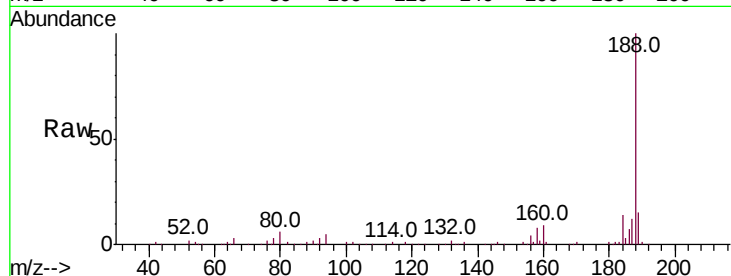
Tot Ion:188 Resp: 165966

Ion Ratio Lower Upper

188 100

94 5.4 5.0 7.4

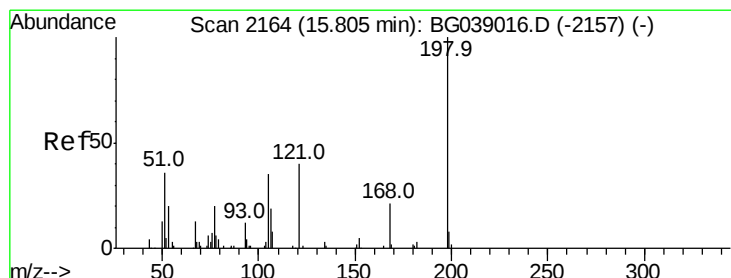
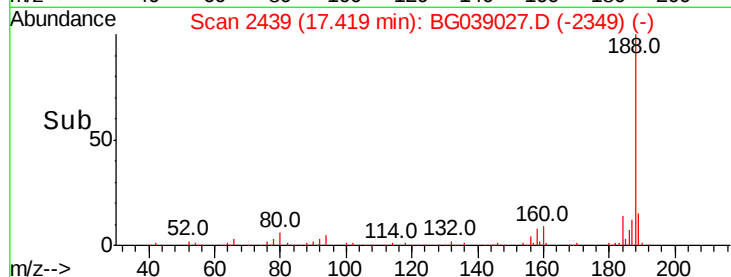
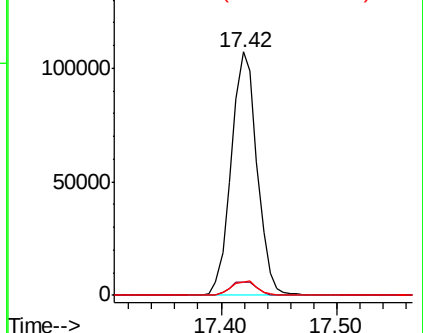
80 5.5 4.7 7.1



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: 0.154 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.35 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

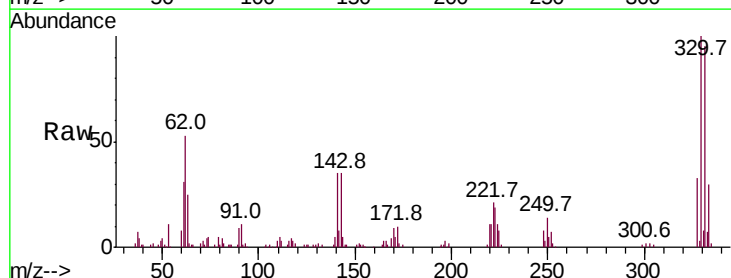
Tgt Ion:198 Resp: 189

Ion Ratio Lower Upper

198 100

51 25.1 20.8 60.8

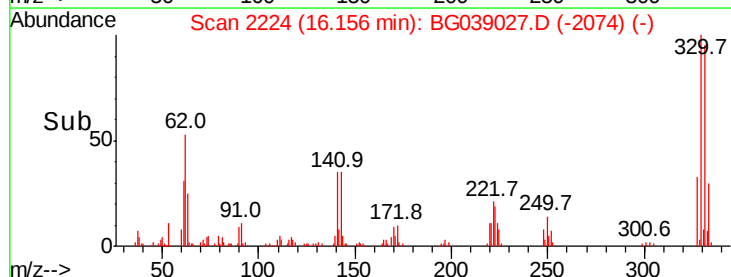
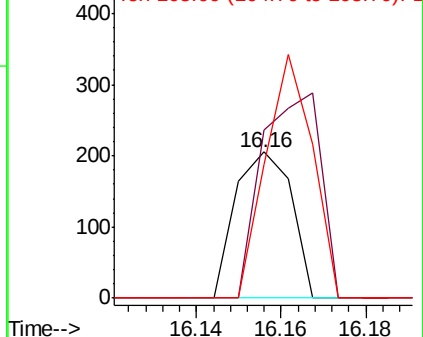
105 19.8 16.1 56.1

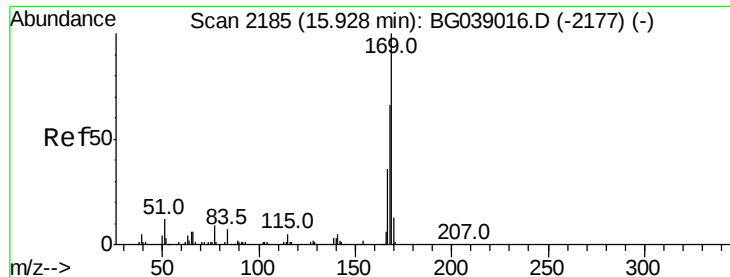


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

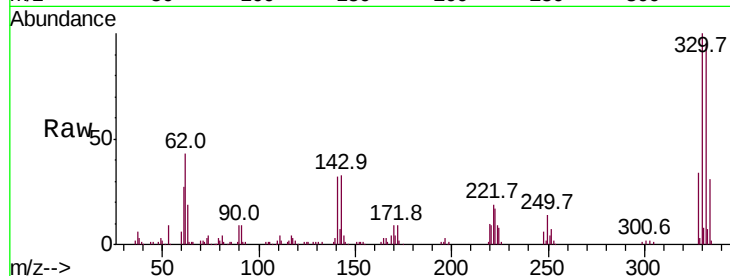




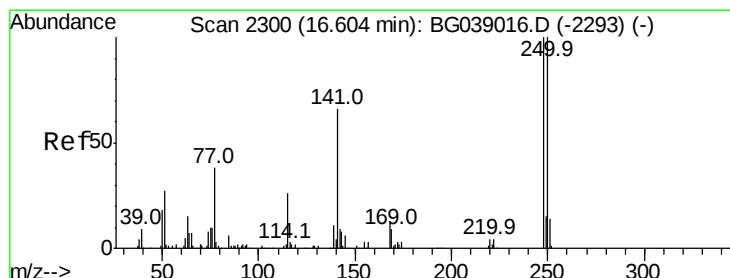
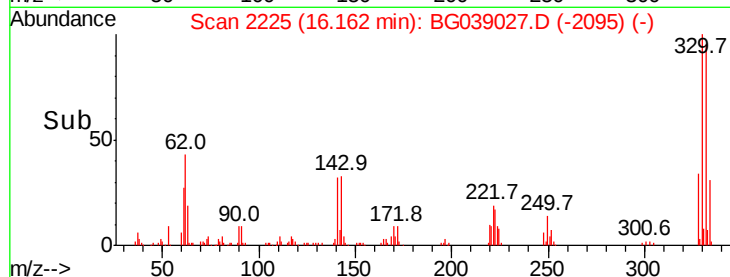
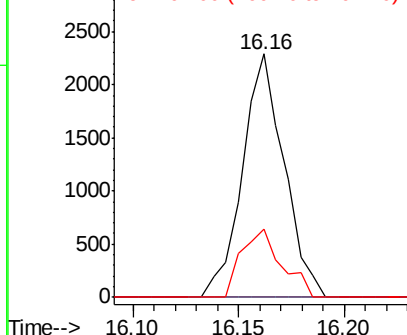
#66
n-Nitrosodiphenylamine
Concen: 0.636 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.23 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:169 Resp: 3129
Ion Ratio Lower Upper
169 100
168 0.0 53.2 79.8#
167 28.2 29.1 43.7#

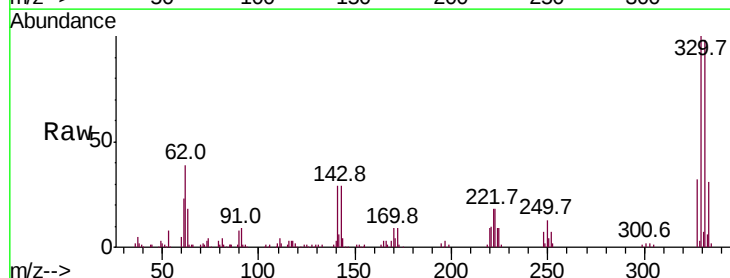


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

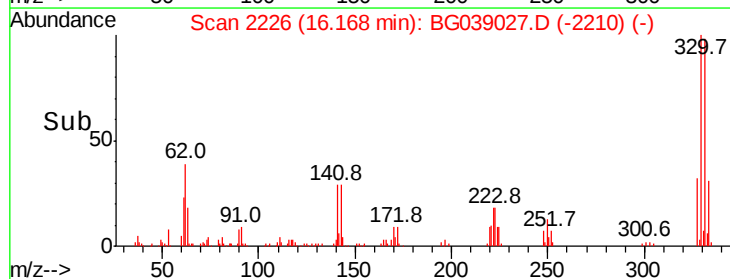
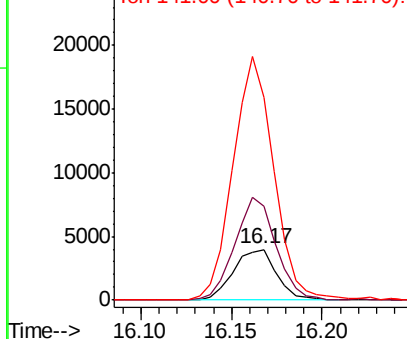


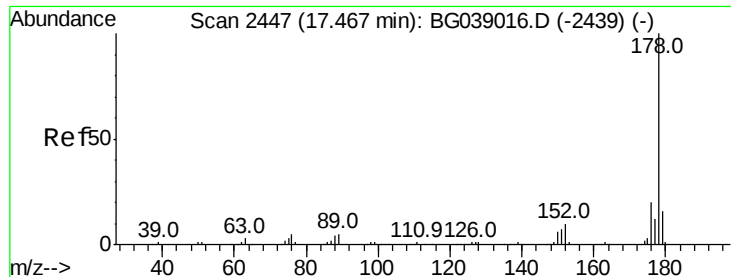
#67
4-Bromophenyl-phenylether
Concen: 3.066 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.44 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Tgt Ion:248 Resp: 6542
Ion Ratio Lower Upper
248 100
250 184.0 79.9 119.9#
141 310.1 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

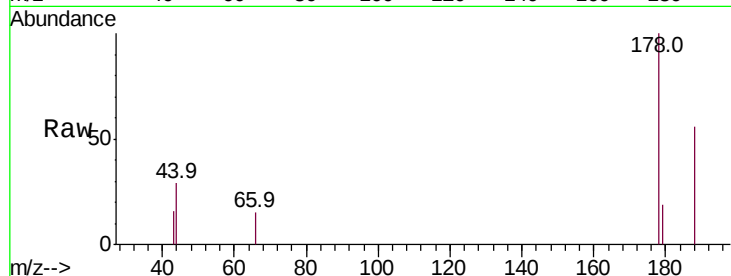




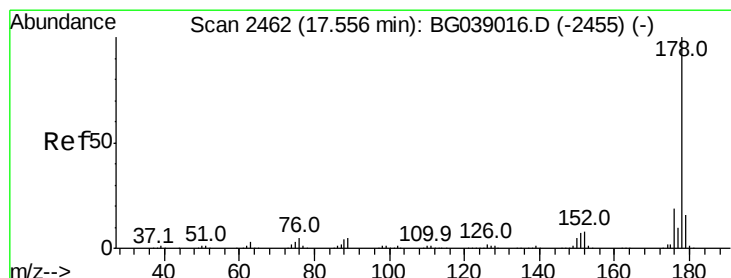
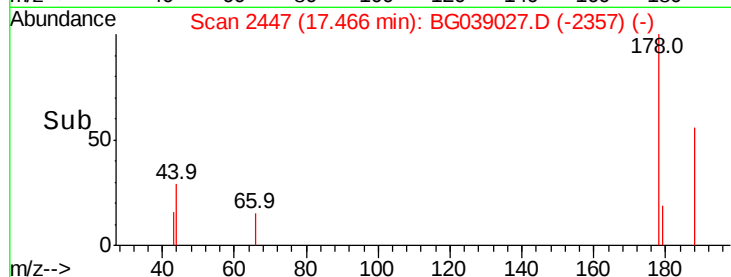
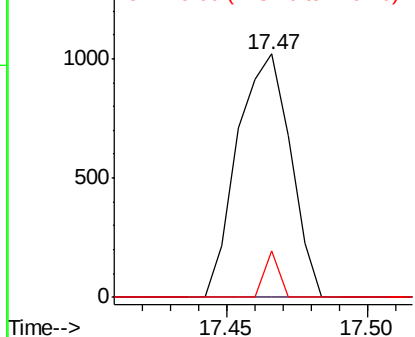
#71
 Phenanthrene
 Concen: 0.151 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG039027.D
 Acq: 9 Jan 2019 19:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1328
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.7 23.5#
 179 19.0 12.9 19.3

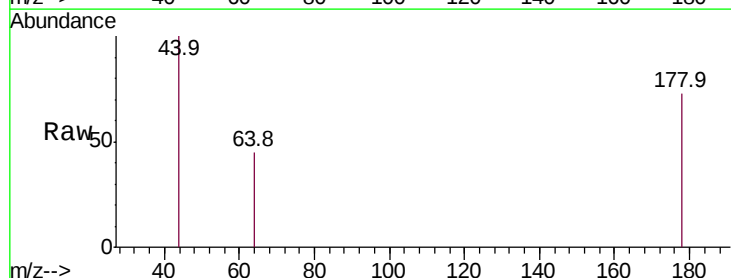


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

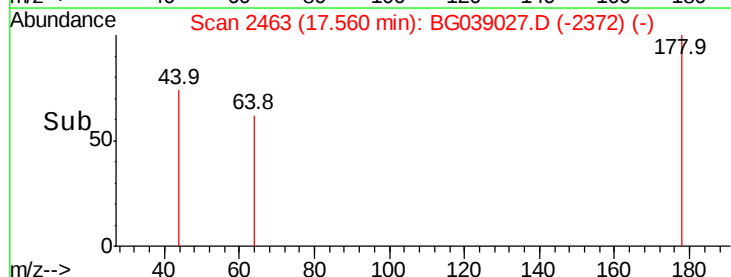
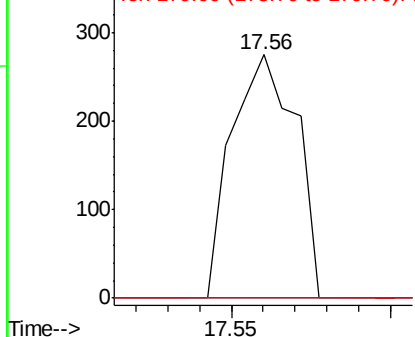


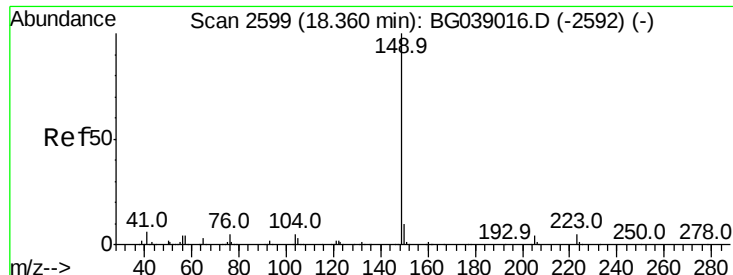
#72
 Anthracene
 Concen: 0.044 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BG039027.D
 Acq: 9 Jan 2019 19:10

Tgt Ion:178 Resp: 385
 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

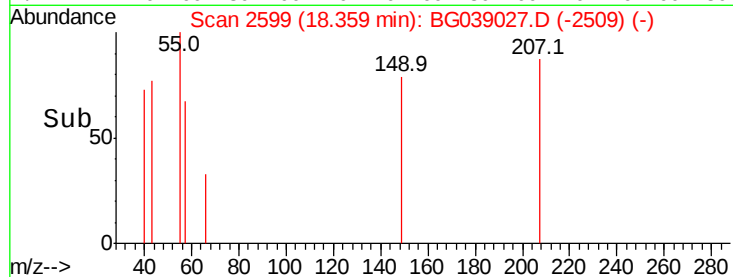
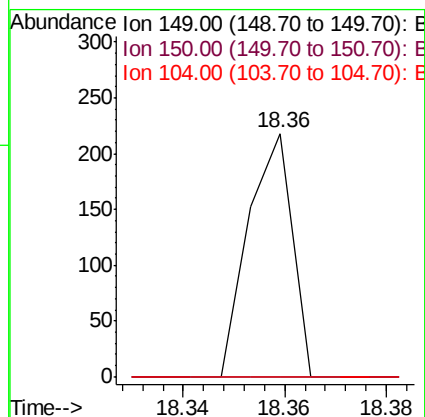
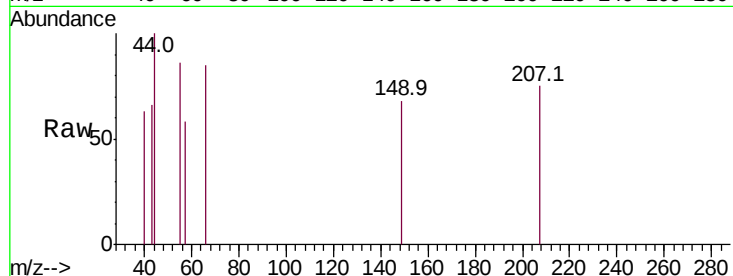




#74
Di-n-butylphthalate
Concen: 0.014 ng
RT: 18.36 min Scan# 2599
Delta R.T. -0.00 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

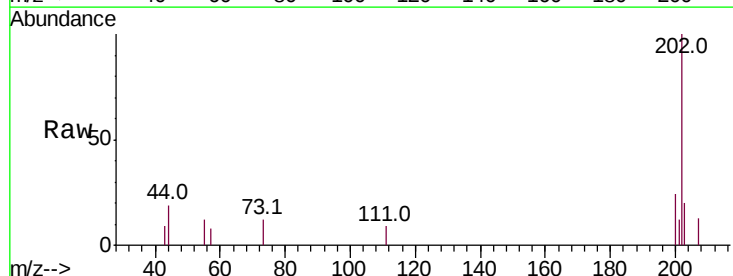
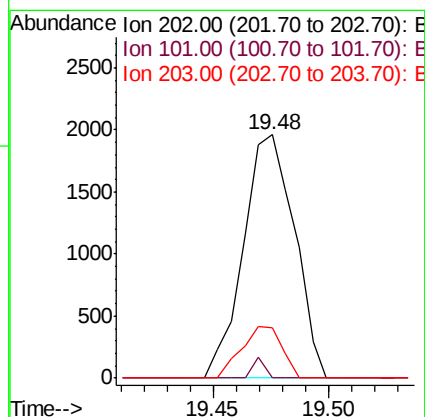
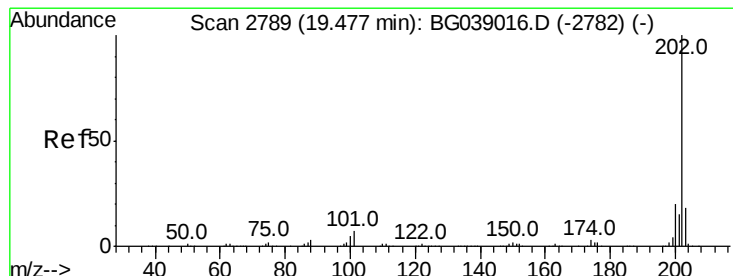
Instrument :
BNA_G
ClientSampleId :

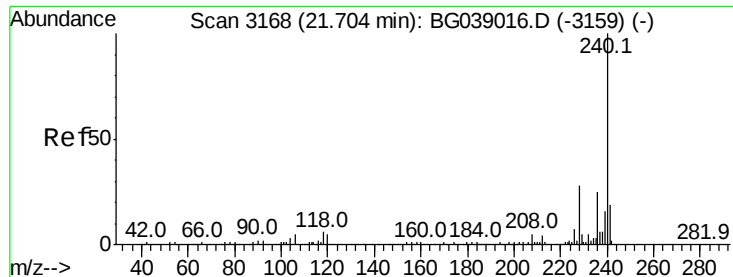
Tot Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.9	11.9#
104	0.0	4.2	6.2#



#75
Fluoranthene
Concen: 0.278 ng
RT: 19.48 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	26.9
203	20.4	0.0	38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

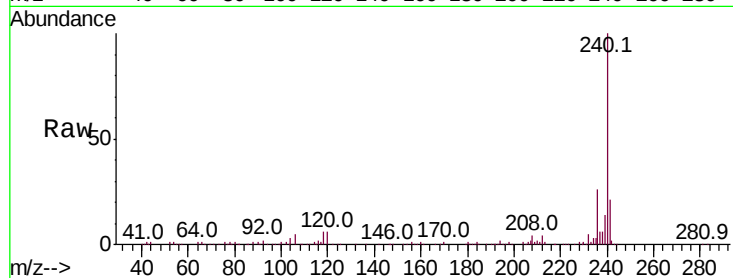
Instrument :

BNA_G

ClientSampled :

Tot Ion:240 Resp: 183239

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.3	6.5
236	25.9	20.1	30.1

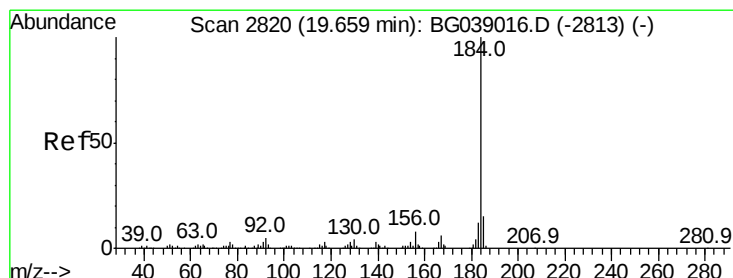
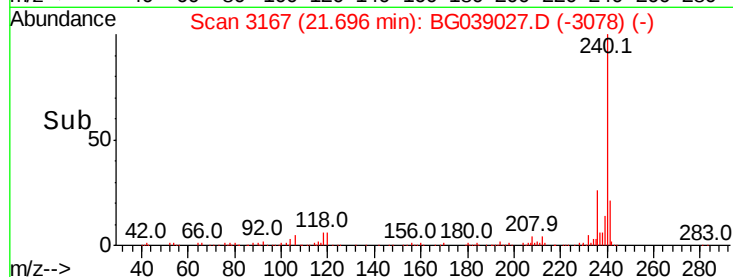
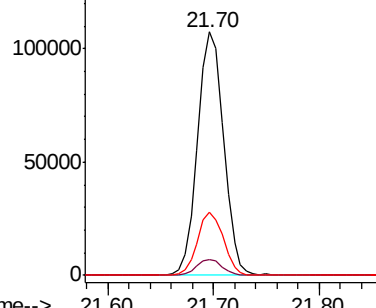


Abundance

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: 1.455 ng

RT: 20.02 min Scan# 2882

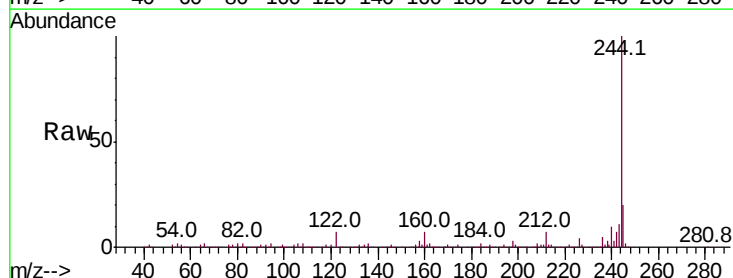
Delta R.T. 0.36 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

Tgt Ion:184 Resp: 8154

Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.1	18.1
183	9.5	9.5	14.3

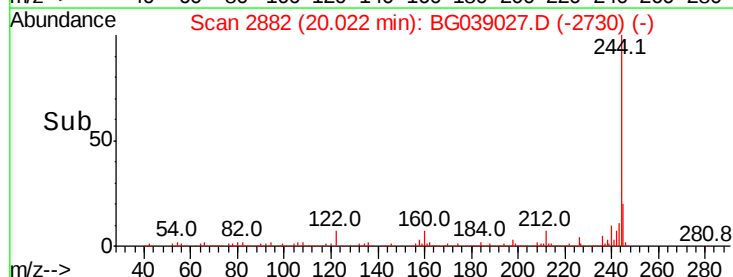
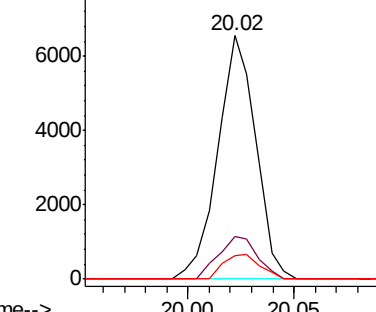


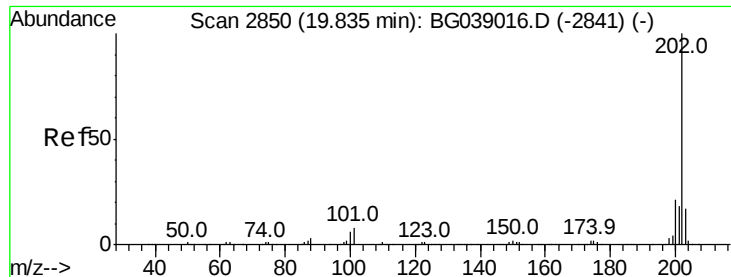
Abundance

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

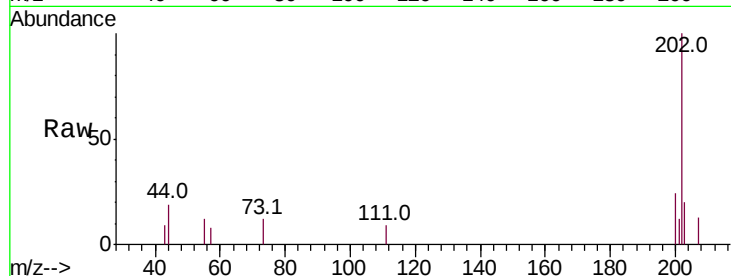




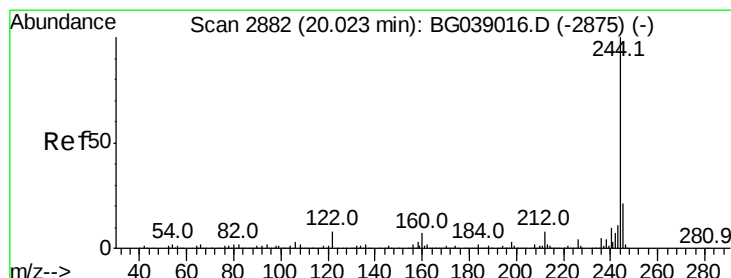
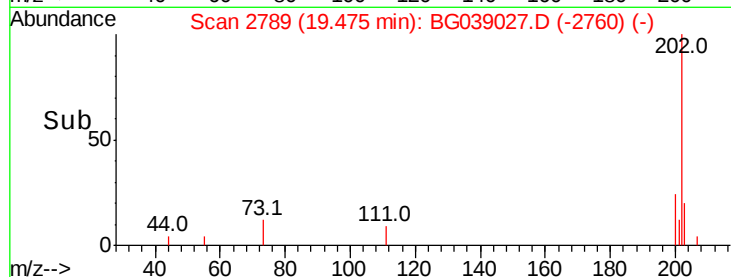
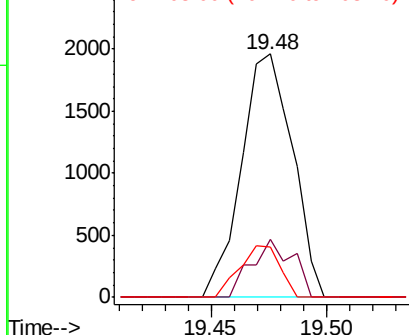
#78
 Pvrene
 Concen: 0.258 ng
 RT: 19.48 min Scan# 2789
 Delta R.T. -0.36 min
 Lab File: BG039027.D
 Acq: 9 Jan 2019 19:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:202 Resp: 3018
 Ion Ratio Lower Upper
 202 100
 200 24.1 17.0 25.6
 203 20.4 14.0 21.0

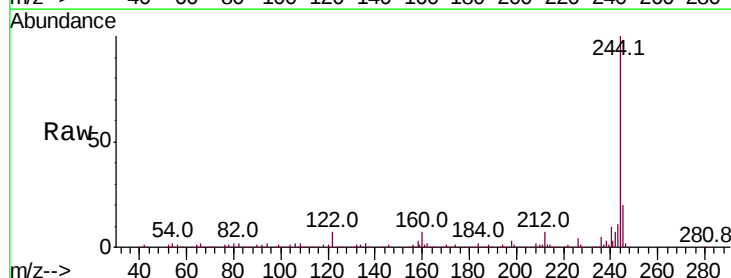


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

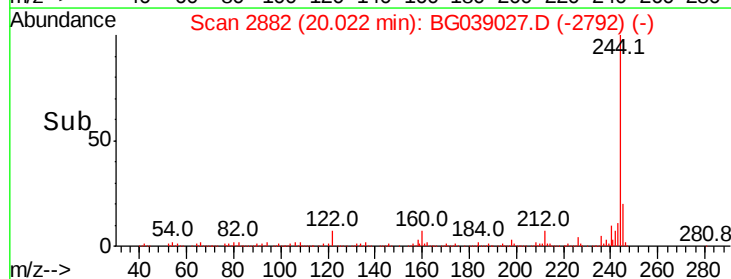
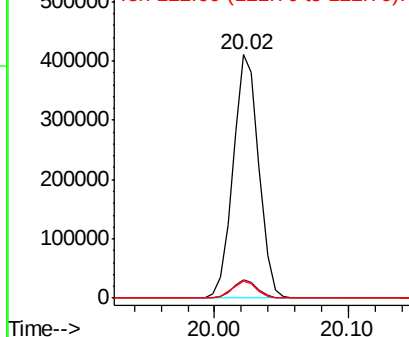


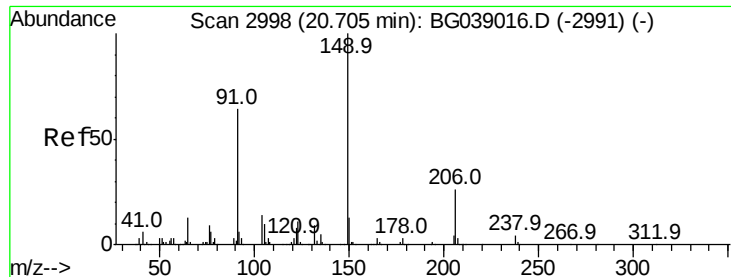
#79
 Terphenyl-d14
 Concen: 55.426 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG039027.D
 Acq: 9 Jan 2019 19:10

Tgt Ion:244 Resp: 549013
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 7.1 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

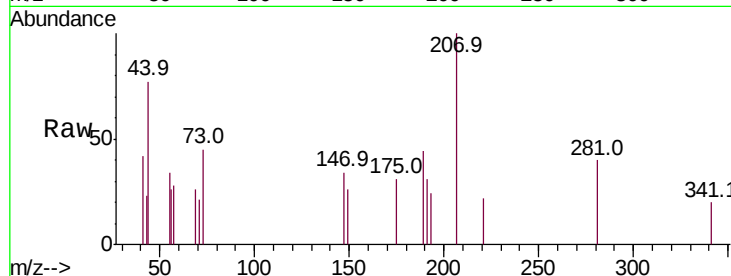




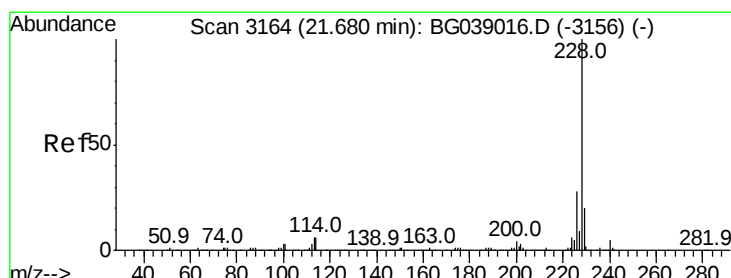
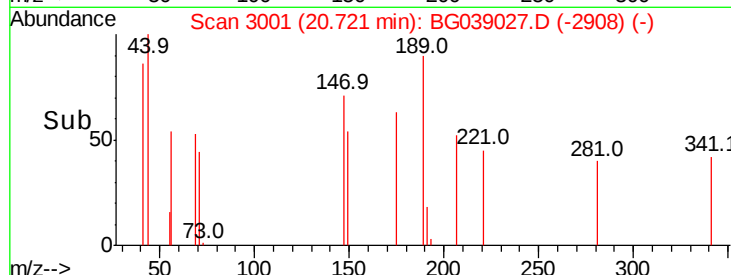
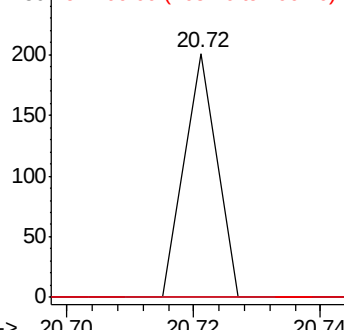
#80
 Butylbenzylphthalate
 Concen: 0.016 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. 0.02 min
 Lab File: BG039027.D
 Acq: 9 Jan 2019 19:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:149 Resp: 71
 Ion Ratio Lower Upper
 149 100
 91 0.0 51.4 77.0#
 206 0.0 20.4 30.6#

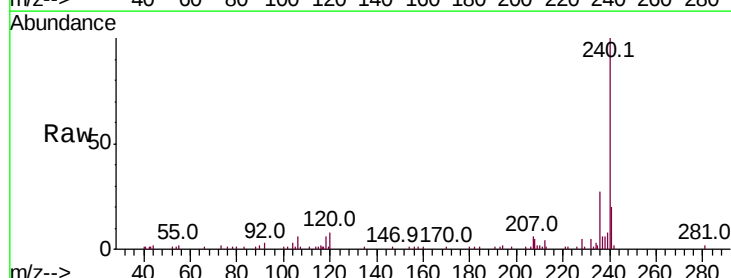


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E

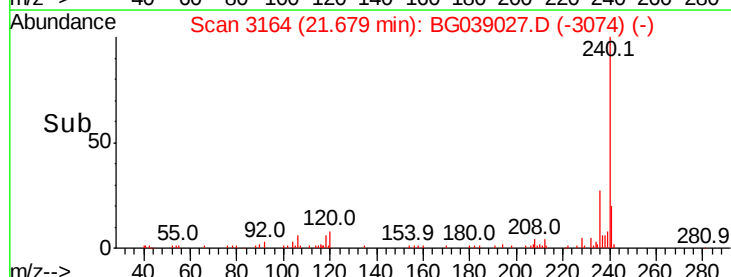
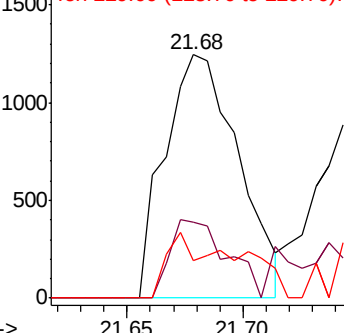


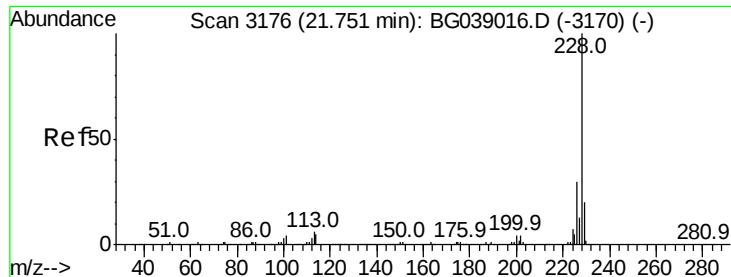
#81
 Benzo(a)anthracene
 Concen: 0.248 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG039027.D
 Acq: 9 Jan 2019 19:10

Tgt Ion:228 Resp: 2761
 Ion Ratio Lower Upper
 228 100
 226 31.0 22.4 33.6
 229 15.3 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: 0.161 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

Instrument :

BNA_G

ClientSampleId :

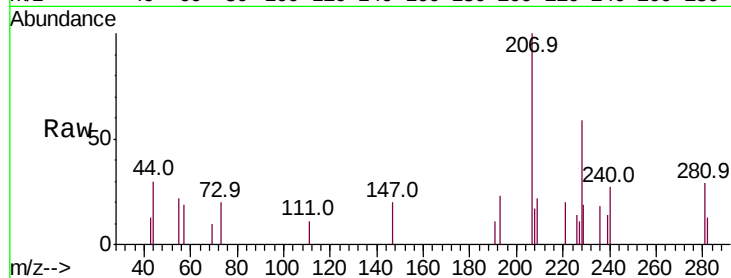
Tot Ion:228 Resp: 1707

Ion Ratio Lower Upper

228 100

226 23.4 24.1 36.1#

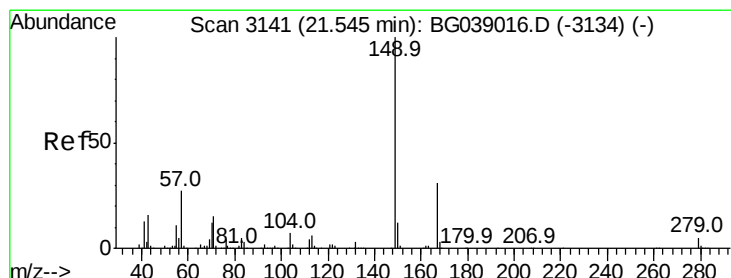
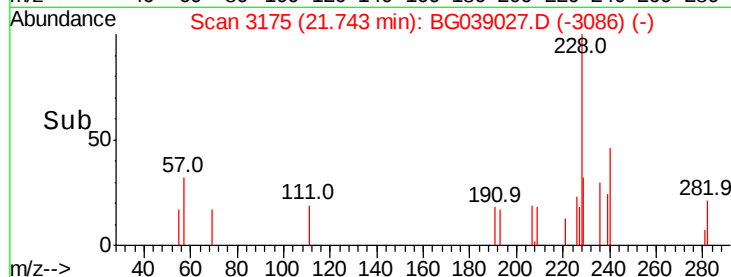
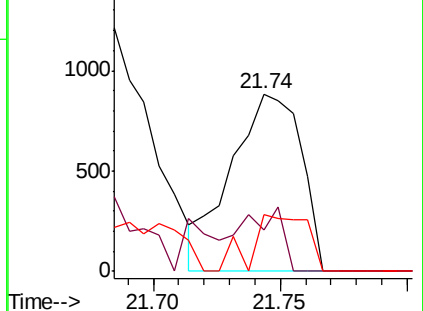
229 31.9 16.0 24.0#



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: 0.040 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

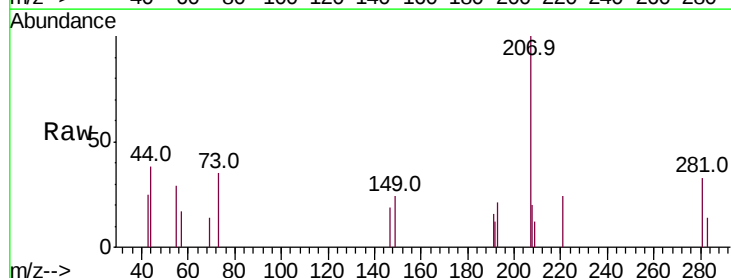
Tgt Ion:149 Resp: 246

Ion Ratio Lower Upper

149 100

167 0.0 25.0 37.4#

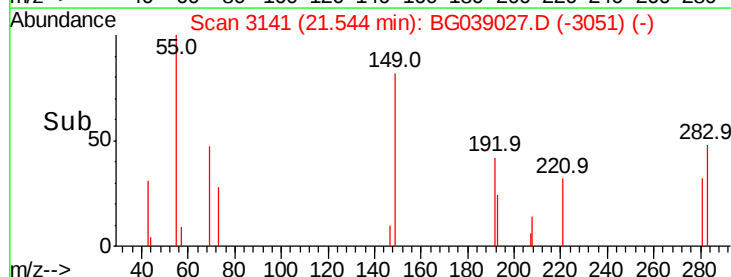
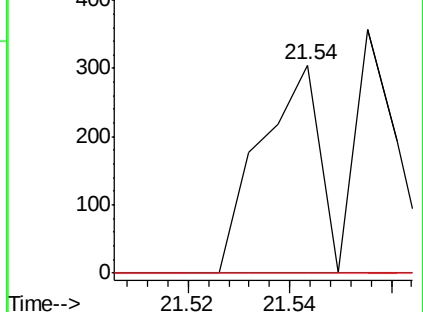
279 0.0 4.3 6.5#

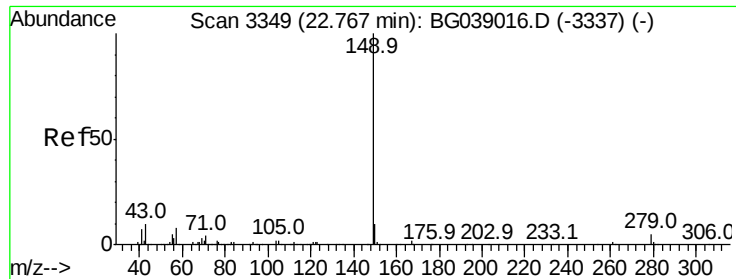


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

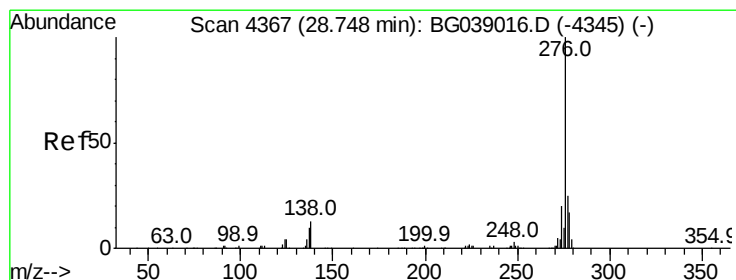
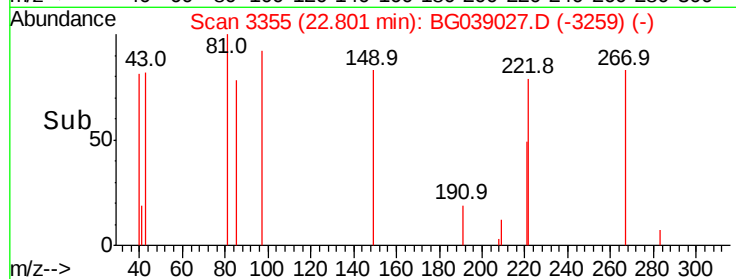
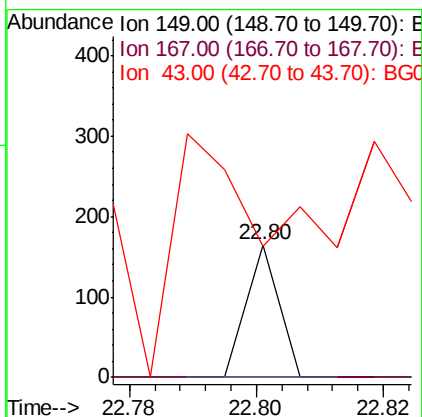
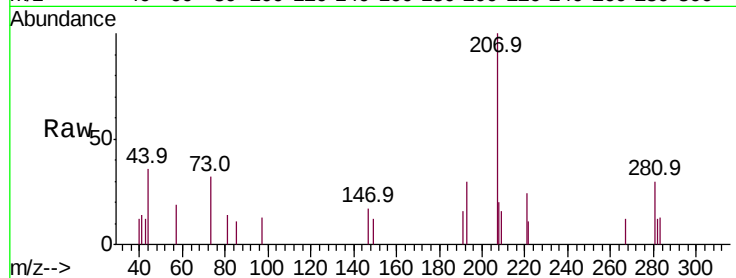




#85
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 22.80 min Scan# 3355
Delta R.T. 0.03 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

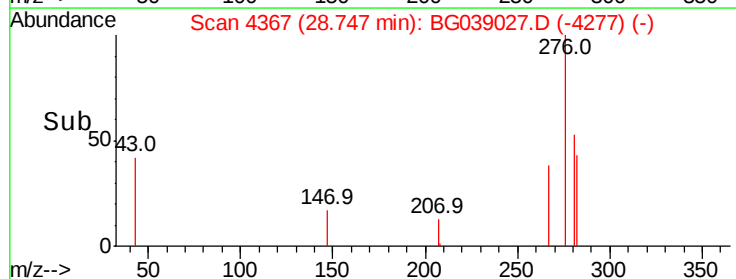
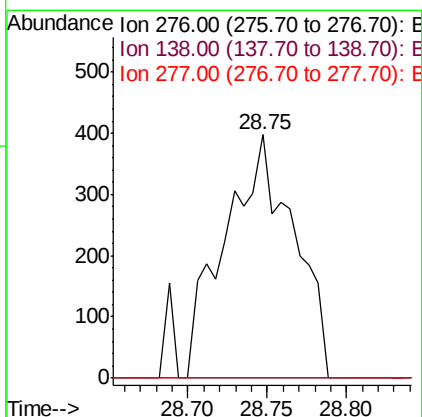
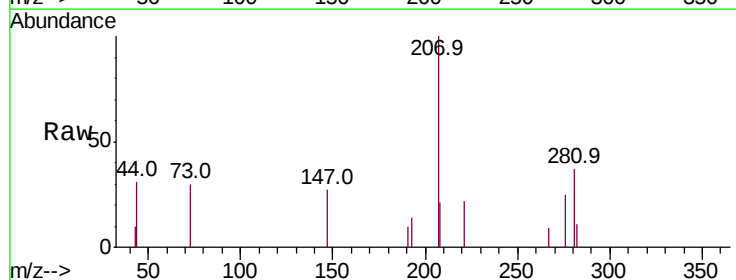
Instrument :
BNA_G
ClientSampleId :

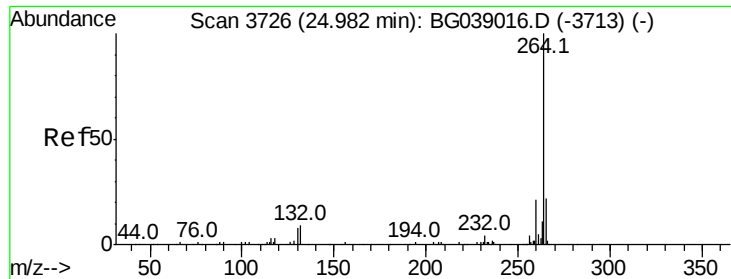
Tot Ion:149 Resp: 58
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 439.7 7.5 11.3#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng
RT: 28.75 min Scan# 4367
Delta R.T. -0.00 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Tgt Ion:276 Resp: 1195
Ion Ratio Lower Upper
276 100
138 0.0 8.0 12.0#
277 0.0 20.3 30.5#



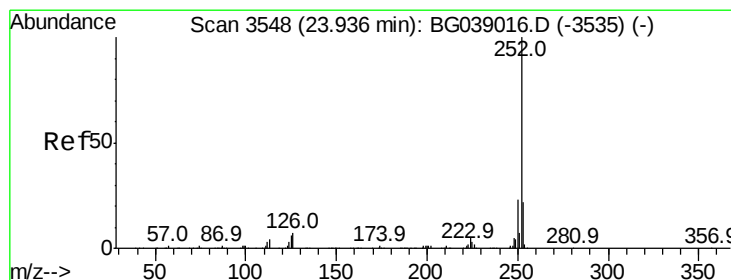
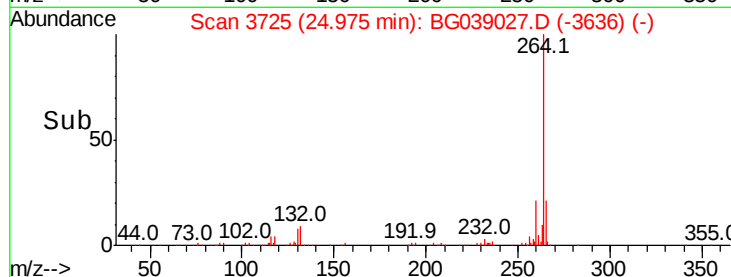
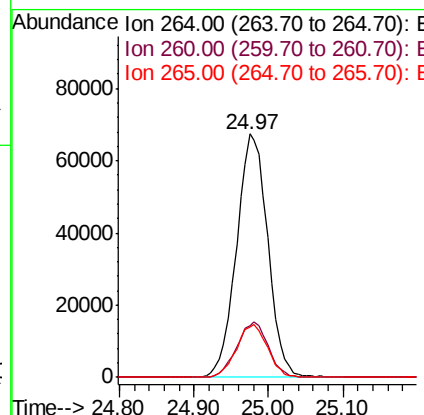
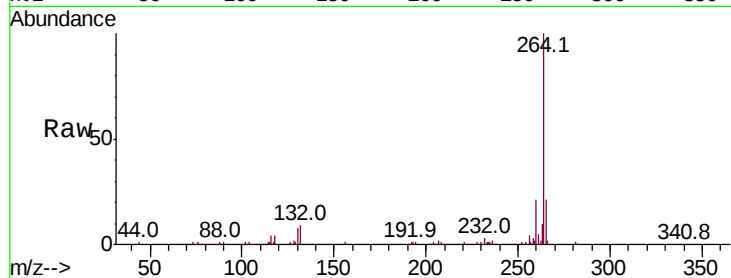


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 195928

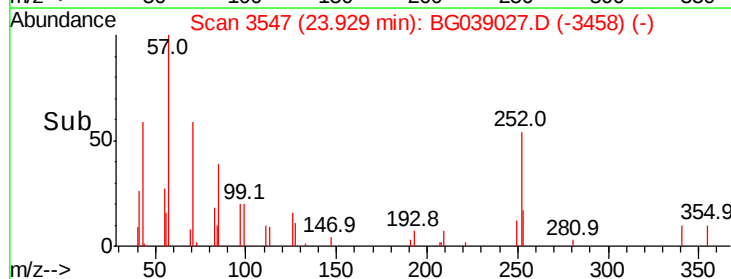
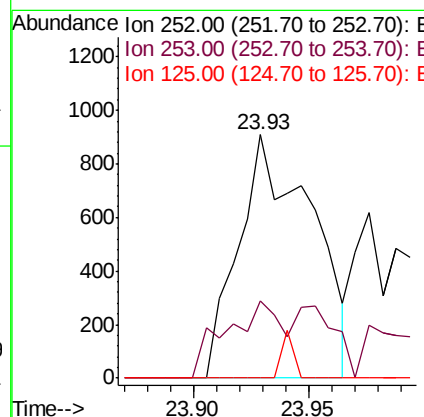
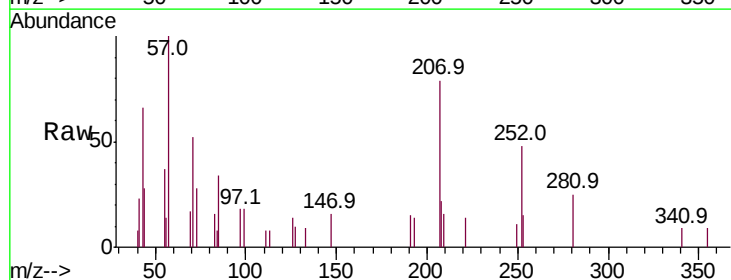
Ion	Ratio	Lower	Upper
264	100		
260	21.1	17.0	25.6
265	20.6	17.2	25.8

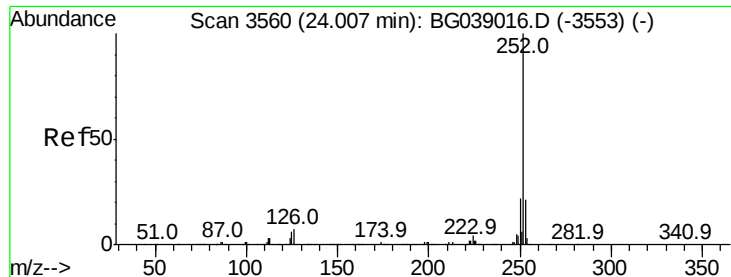


#88
Benzo(b)fluoranthene
Concen: 0.186 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG039027.D
Acq: 9 Jan 2019 19:10

Tgt Ion:252 Resp: 2008

Ion	Ratio	Lower	Upper
252	100		
253	31.6	17.8	26.6#
125	0.0	4.9	7.3#





#89

Benzo(k)fluoranthene

Concen: 0.020 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.03 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

Instrument :

BNA_G

ClientSampleId :

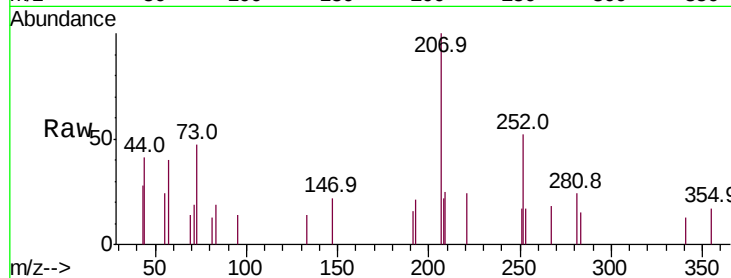
Tot Ion:252 Resp: 218

Ion Ratio Lower Upper

252 100

253 31.7 17.1 25.7#

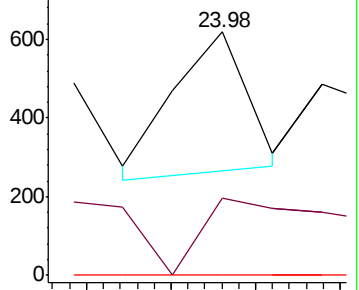
125 0.0 4.6 7.0#



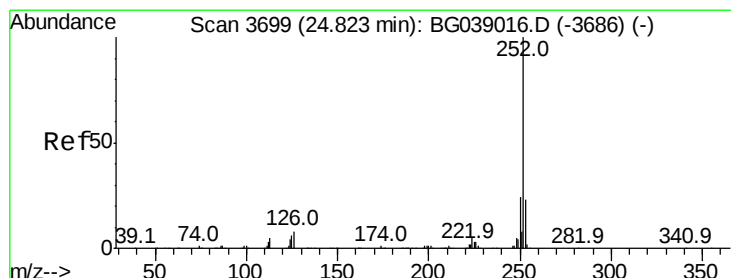
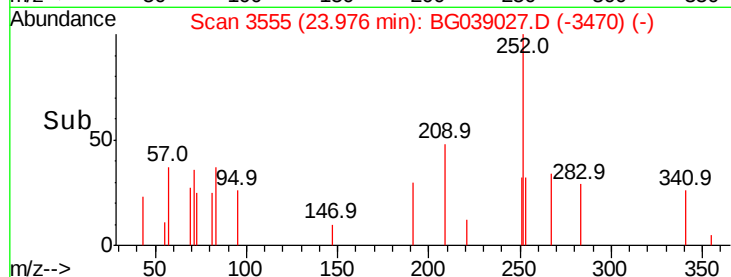
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 0.200 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.00 min

Lab File: BG039027.D

Acq: 9 Jan 2019 19:10

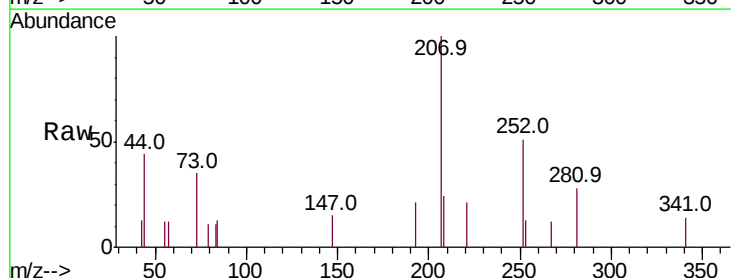
Tgt Ion:252 Resp: 2084

Ion Ratio Lower Upper

252 100

253 26.3 18.3 27.5

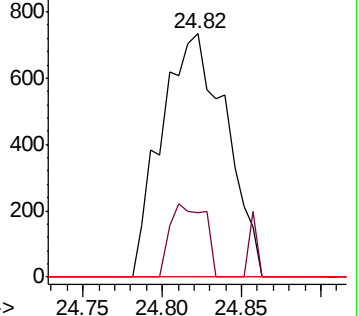
125 0.0 4.9 7.3#



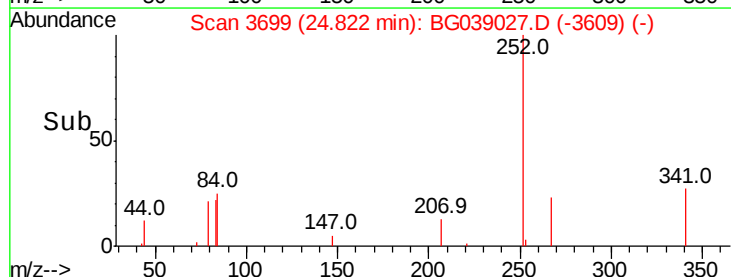
Abundance Ion 252.00 (251.70 to 252.70): E

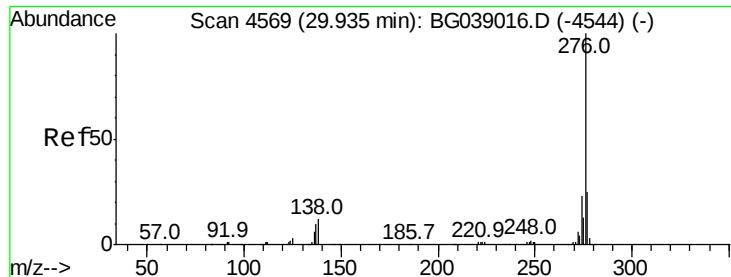
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

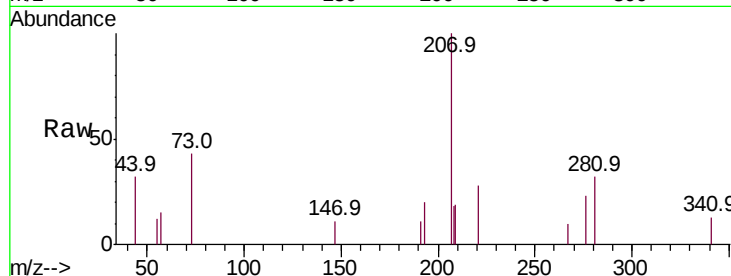




#92
 Benzo(a,h,i)perylene
 Concen: 0.096 ng
 RT: 29.94 min Scan# 4570
 Delta R.T. 0.00 min
 Lab File: BG039027.D
 Acq: 9 Jan 2019 19:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 276 Resp: 985
 Ion Ratio Lower Upper
 276 100
 277 0.0 20.3 30.5#
 138 0.0 9.4 14.2#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

