

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039029.D
 Acq On : 9 Jan 2019 20:28
 Operator : JU/SJ
 Sample : K1082-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:21:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20695	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	87024	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	62127	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	171323	20.00	ng	0.00
76) Chrysene-d12	21.70	240	178842	20.00	ng	0.00
87) Perylene-d12	24.98	264	195002	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	119169	109.23	ng	0.00
7) Phenol-d6	7.19	99	164199	104.58	ng	0.00
23) Nitrobenzene-d5	9.20	82	100921	63.46	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	102800	98.71	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	274472	60.46	ng	0.00
79) Terphenyl-d14	20.03	244	558011	57.72	ng	0.00

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.73	42	67	0.128	ng	# 1
6) Aniline	7.55	93	115	0.061	ng	# 1
9) Benzaldehyde	7.18	77	178	0.197	ng	# 1
10) Phenol	7.21	94	2512	1.596	ng	# 70
11) bis(2-Chloroethyl)ether	7.55	93	115	0.096	ng	# 1
15) Benzyl Alcohol	8.35	79	1609	1.361	ng	# 56
19) n-Nitroso-di-n-propylamine	9.21	70	13439	13.035	ng	# 63
24) Nitrobenzene	9.20	77	124	0.077	ng	# 38
31) Naphthalene	10.90	128	286	0.066	ng	# 68
46) 1,1'-Biphenyl	13.51	154	294	0.060	ng	# 41
48) 2-Nitroaniline	14.12	65	620	0.556	ng	# 1
49) Acenaphthylene	14.40	152	116	0.019	ng	# 59
50) Dimethylphthalate	14.12	163	72508	13.811	ng	# 99
51) 2,6-Dinitrotoluene	14.12	165	706	0.601	ng	# 1
52) Acenaphthene	14.73	154	2718	0.756	ng	# 98
55) Dibenzofuran	15.07	168	707	0.111	ng	# 89
56) 4-Nitrophenol	15.07	139	71	0.083	ng	# 1
57) 2,4-Dinitrotoluene	14.67	165	8173	4.853	ng	# 26
58) Fluorene	15.72	166	1575	0.329	ng	# 83
63) Azobenzene	16.17	77	341	0.081	ng	# 36
65) 4,6-Dinitro-2-methylphenol	16.16	198	237	0.187	ng	# 74
66) n-Nitrosodiphenylamine	16.17	169	3181	0.626	ng	# 52
67) 4-Bromophenyl-phenylether	16.17	248	6489	2.946	ng	# 1
71) Phenanthrene	17.46	178	2054	0.227	ng	# 89
72) Anthracene	17.56	178	1018	0.114	ng	# 72
73) Carbazole	17.84	167	424	0.048	ng	# 60
74) Di-n-butylphthalate	18.36	149	264	0.027	ng	# 77
75) Fluoranthene	19.47	202	9335	0.832	ng	# 98
77) Benzidine	20.02	184	8222	1.503	ng	# 94
78) Pyrene	19.83	202	7400	0.649	ng	# 93
80) Butylbenzylphthalate	20.72	149	83	0.019	ng	# 27
81) Benzo(a)anthracene	21.68	228	2640	0.242	ng	# 84
83) Chrysene	21.74	228	1491	0.144	ng	# 92
84) Bis(2-ethylhexyl)phthalate	21.55	149	887	0.147	ng	# 88

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039029.D
Acq On : 9 Jan 2019 20:28
Operator : JU/SJ
Sample : K1082-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 10 04:21:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

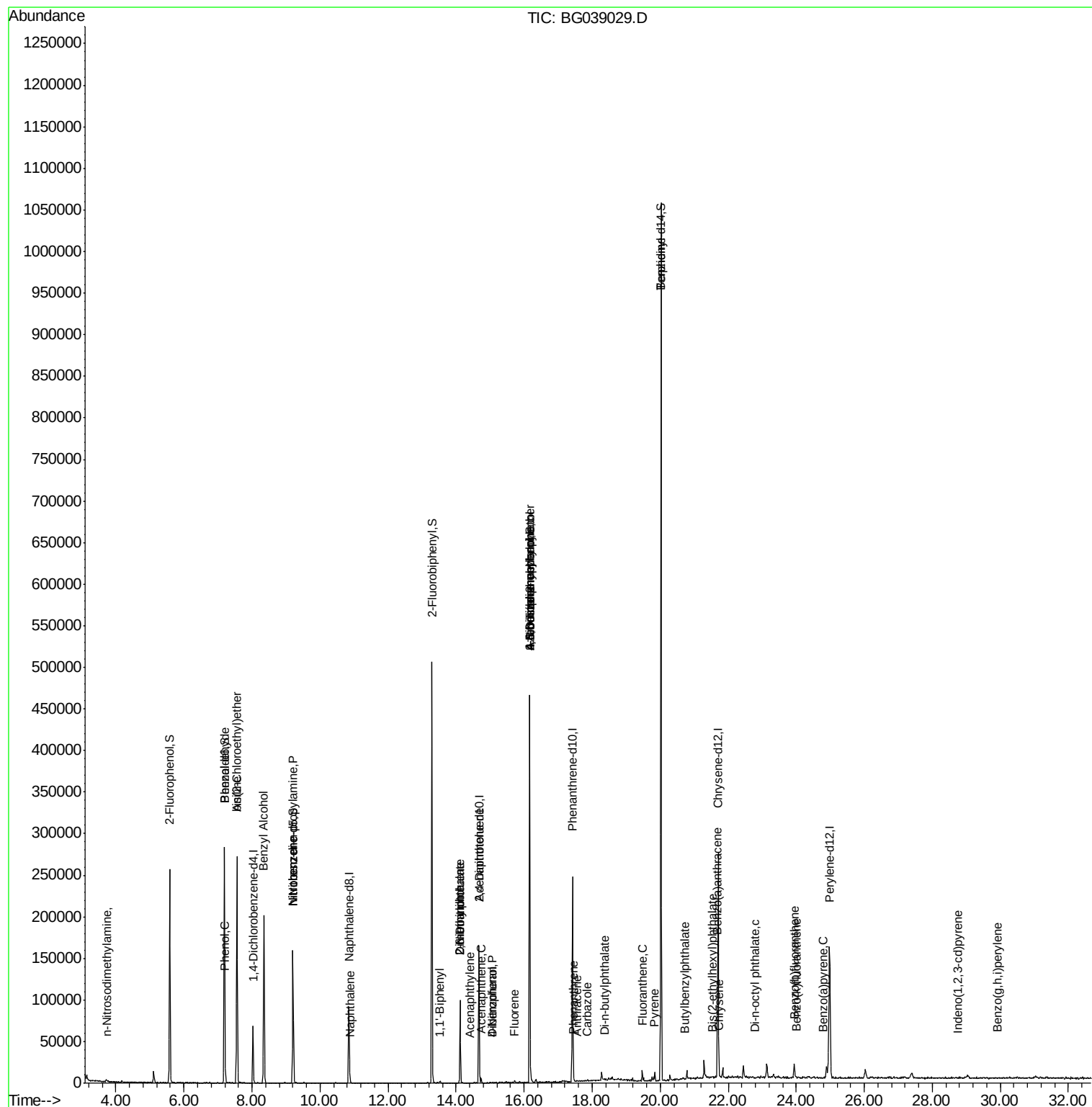
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	22.78	149	61	0.006	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.74	276	80	0.006	ng	# 56
88) Benzo(b)fluoranthene	23.93	252	1576	0.147	ng	# 80
89) Benzo(k)fluoranthene	24.00	252	568	0.053	ng	# 24
90) Benzo(a)pyrene	24.81	252	1101	0.106	ng	# 59
92) Benzo(a,h,i)perylene	29.92	276	137	0.013	ng	# 56

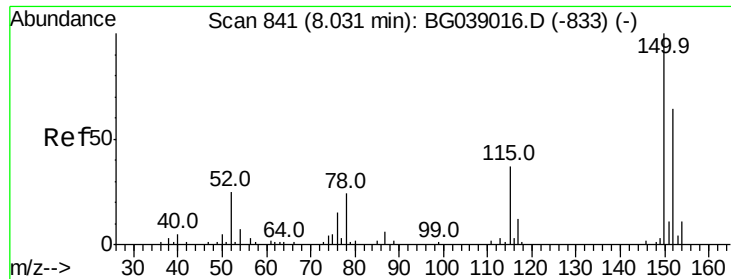
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039029.D
Acq On : 9 Jan 2019 20:28
Operator : JU/SJ
Sample : K1082-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 10 04:21:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



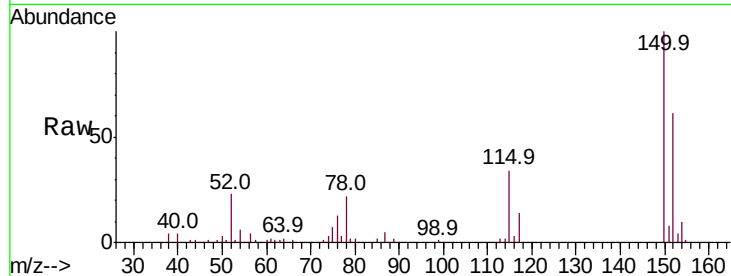


#1

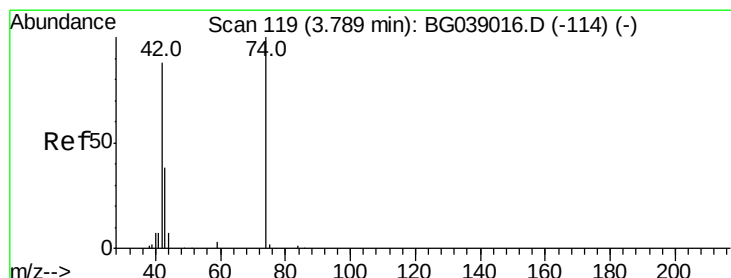
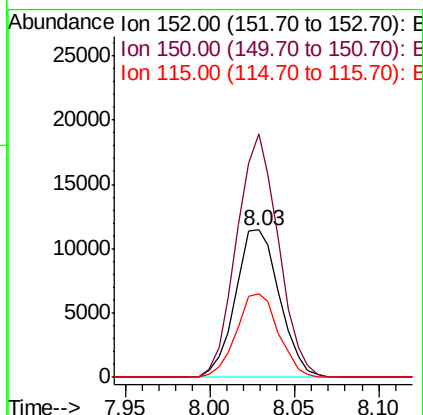
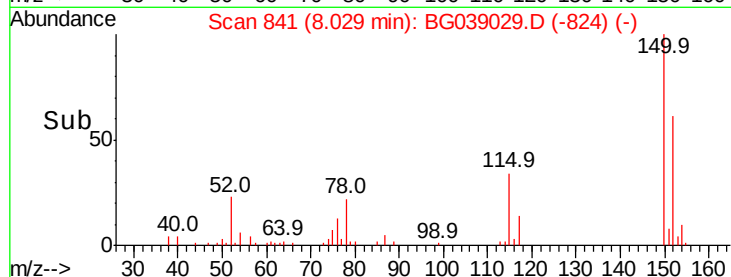
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039029.D
Acq: 9 Jan 2019 20:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 20695
Ion Ratio Lower Upper
152 100
150 165.3 124.7 187.1
115 56.7 46.5 69.7



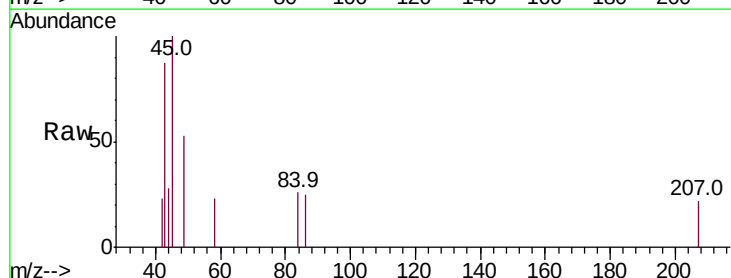
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



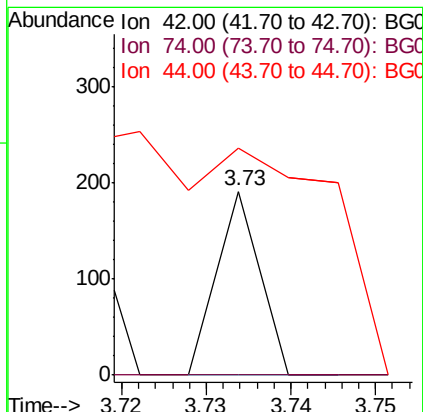
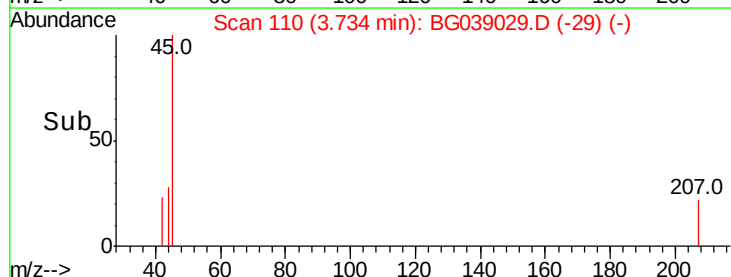
#4

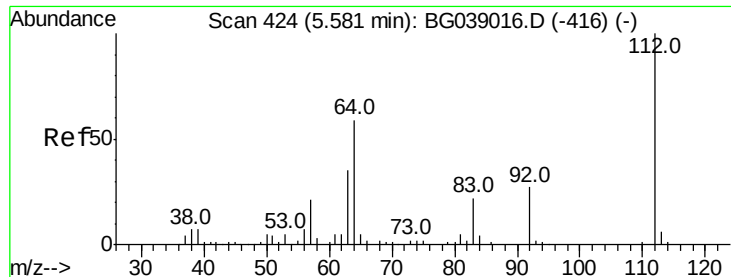
n-Nitrosodimethylamine
Concen: 0.128 ng
RT: 3.73 min Scan# 110
Delta R.T. -0.06 min
Lab File: BG039029.D
Acq: 9 Jan 2019 20:28

Tgt Ion: 42 Resp: 67
Ion Ratio Lower Upper
42 100
74 0.0 90.7 136.1#
44 123.0 6.5 9.7#



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





#5

2-Fluorophenol

Concen: 109.235 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampleId :

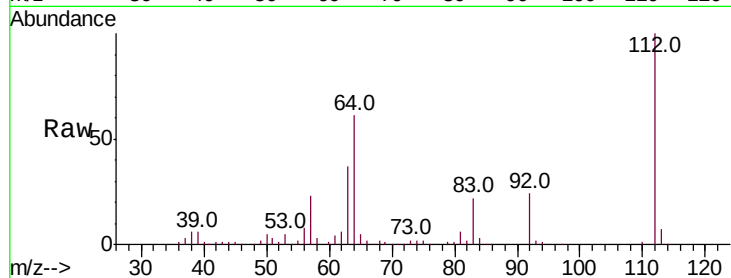
Tot Ion:112 Resp: 119169

Ion Ratio Lower Upper

112 100

64 61.5 47.0 70.6

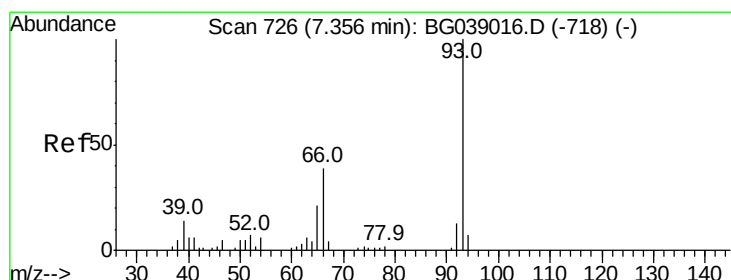
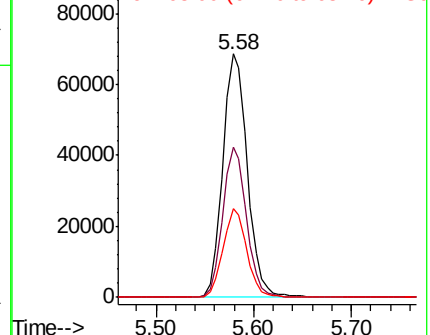
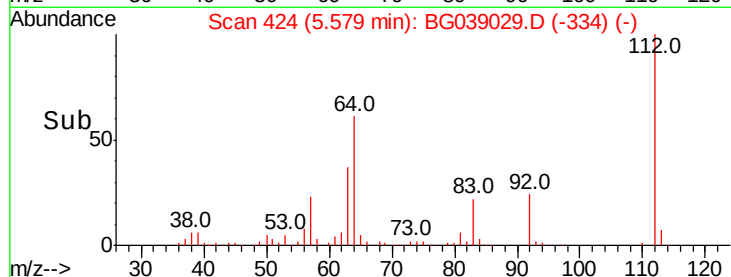
63 36.6 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.061 ng

RT: 7.55 min Scan# 760

Delta R.T. 0.20 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

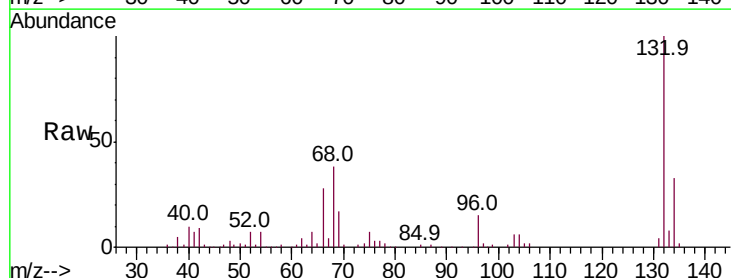
Tgt Ion: 93 Resp: 115

Ion Ratio Lower Upper

93 100

66 11487.4 30.9 46.3#

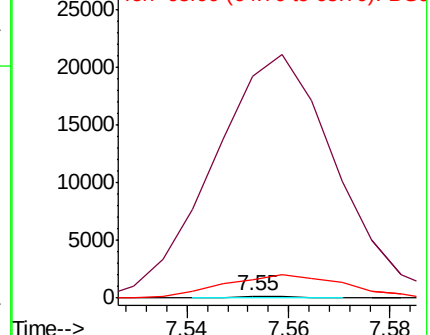
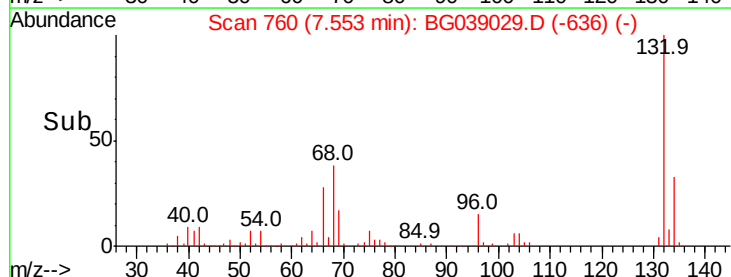
65 966.5 17.0 25.4#

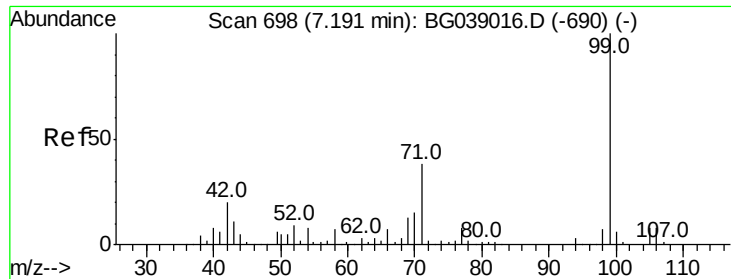


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.585 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

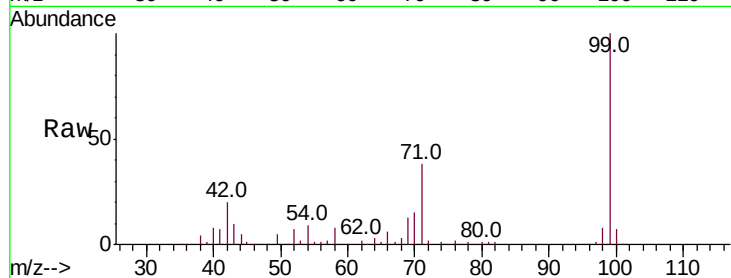
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 164199

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.8	23.6
71	37.9	30.2	45.4

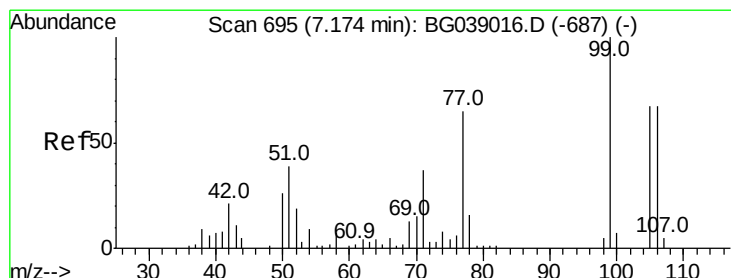
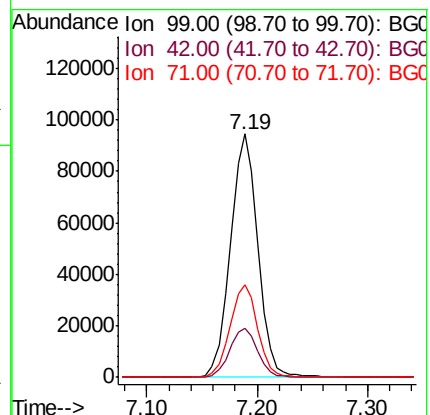
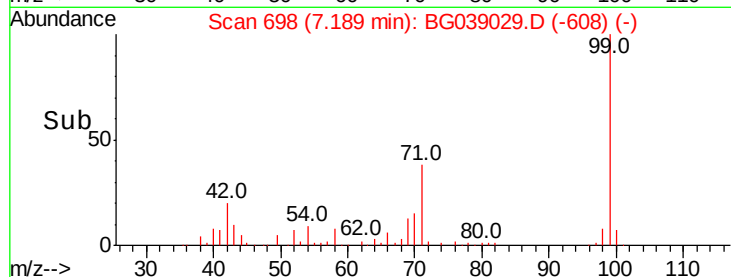


Abundance

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: 0.197 ng

RT: 7.18 min Scan# 697

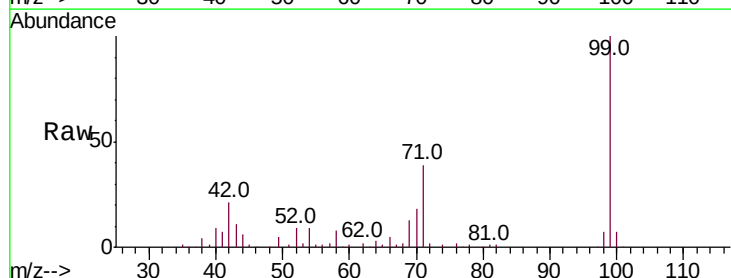
Delta R.T. 0.01 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Tgt Ion: 77 Resp: 178

Ion	Ratio	Lower	Upper
77	100		
105	0.0	82.4	122.4#
106	0.0	82.8	122.8#

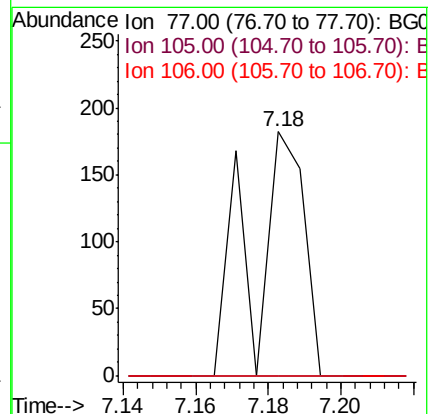
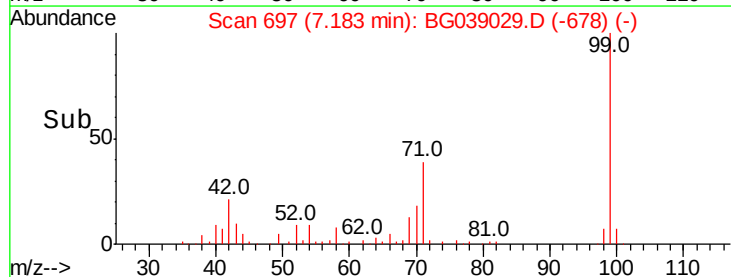


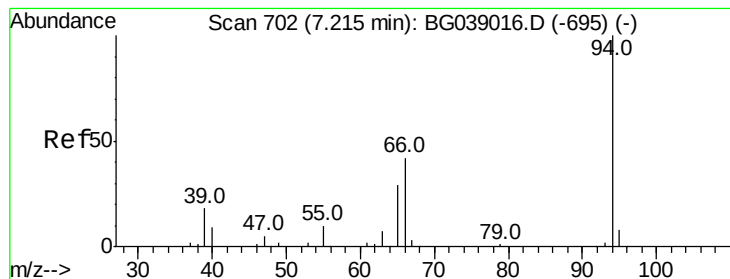
Abundance

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: 1.596 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampled :

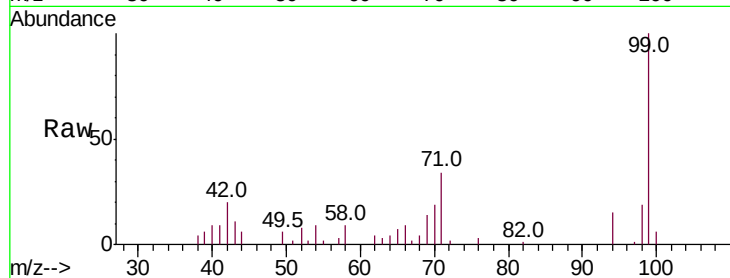
Tot Ion: 94 Resp: 2512

Ion Ratio Lower Upper

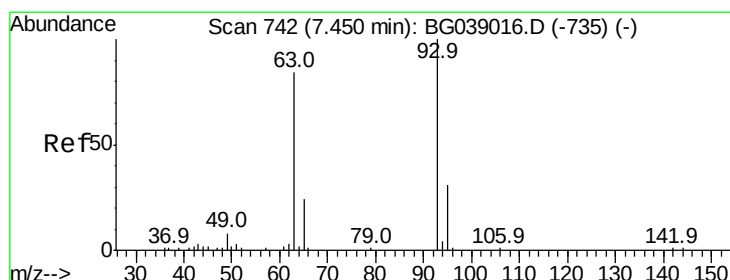
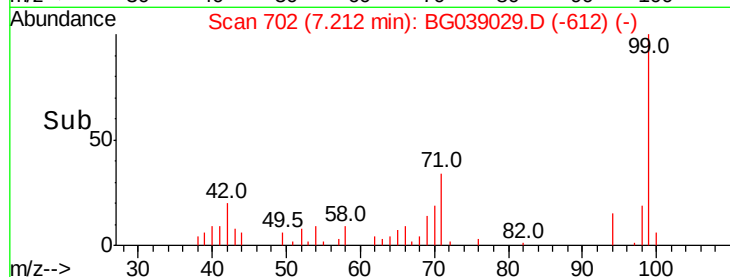
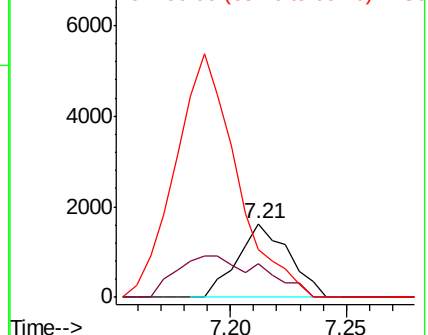
94 100

65 46.3 10.3 50.3

66 64.6 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: 0.096 ng

RT: 7.55 min Scan# 760

Delta R.T. 0.10 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

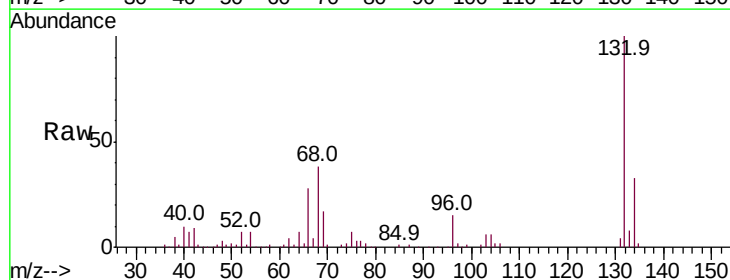
Tgt Ion: 93 Resp: 115

Ion Ratio Lower Upper

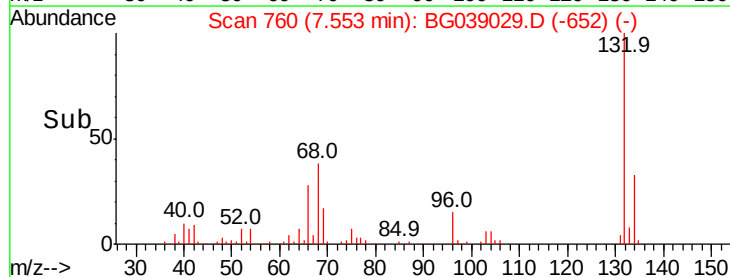
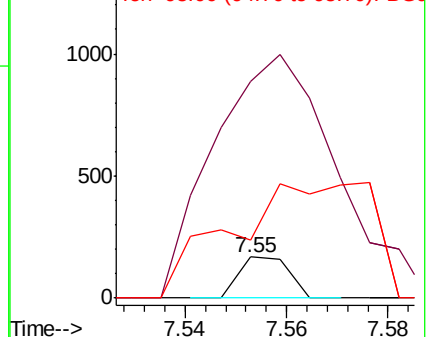
93 100

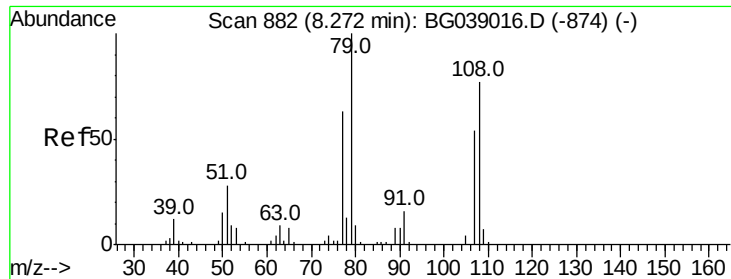
63 532.3 63.2 103.2#

95 143.7 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. 0.07 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampled :

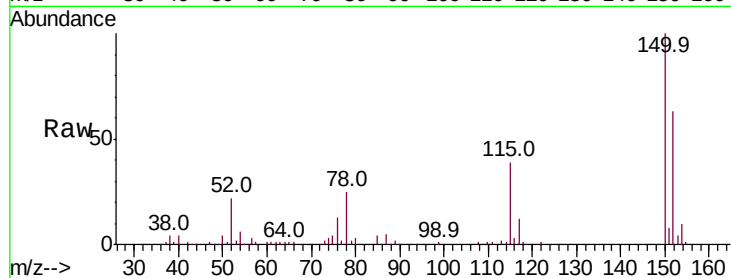
Tot Ion: 79 Resp: 1609

Ion Ratio Lower Upper

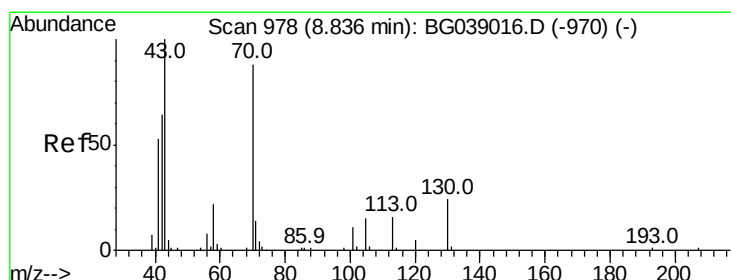
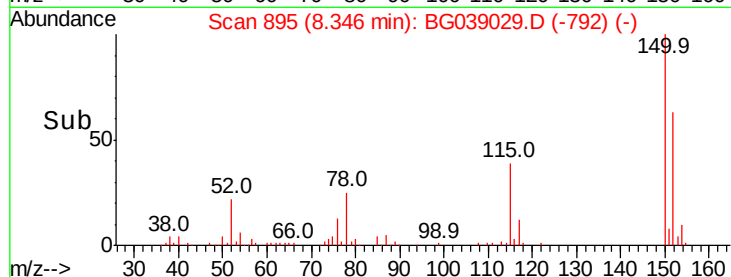
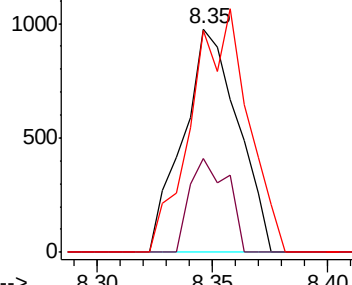
79 100

108 42.2 62.0 93.0#

77 99.6 50.1 75.1#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.035 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.37 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Tgt Ion: 70 Resp: 13439

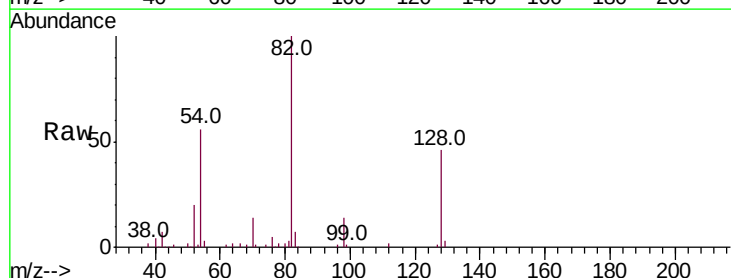
Ion Ratio Lower Upper

70 100

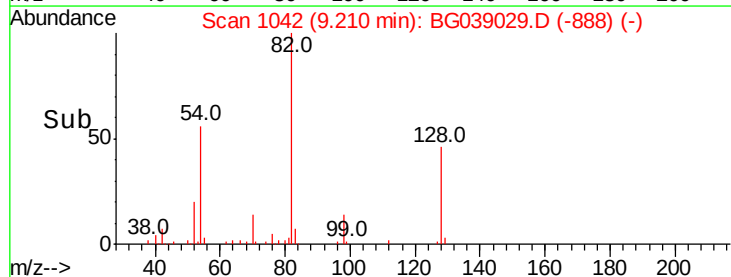
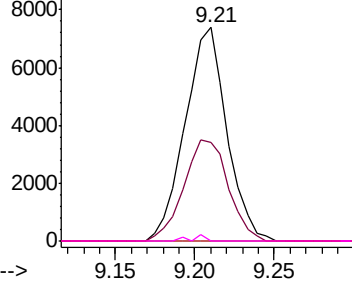
42 46.0 59.0 88.4#

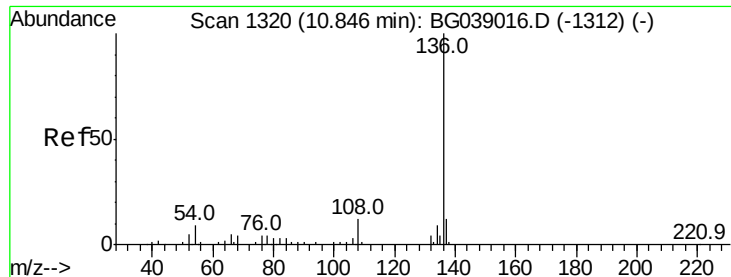
101 0.0 10.4 15.6#

130 0.0 21.6 32.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

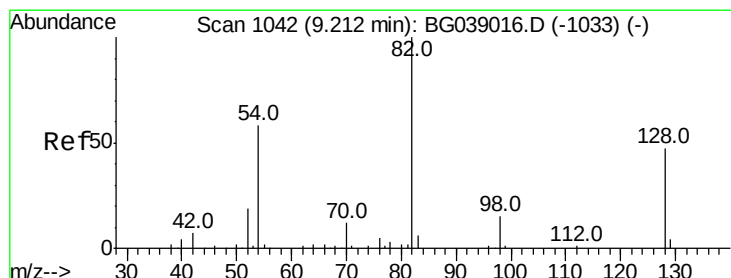
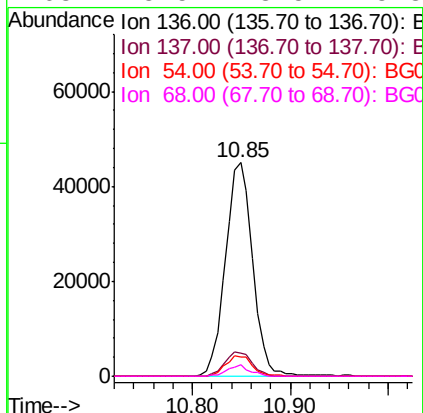
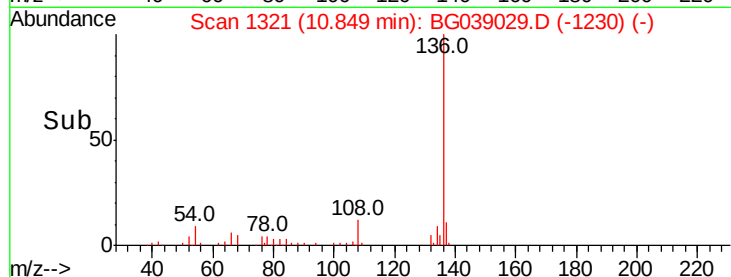
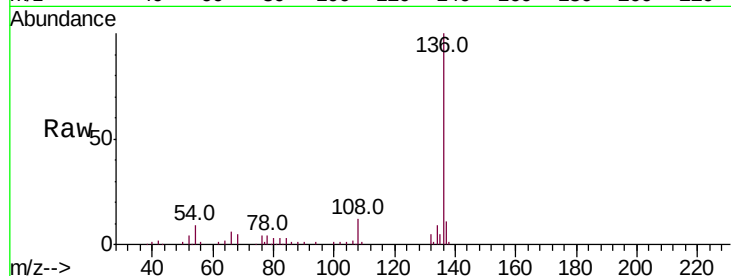




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039029.D
Acq: 9 Jan 2019 20:28

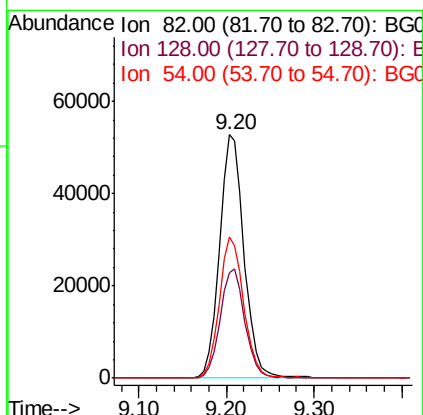
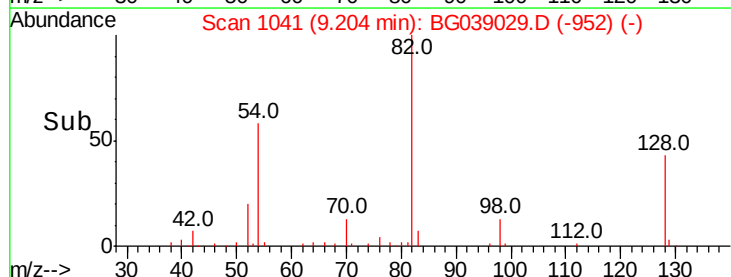
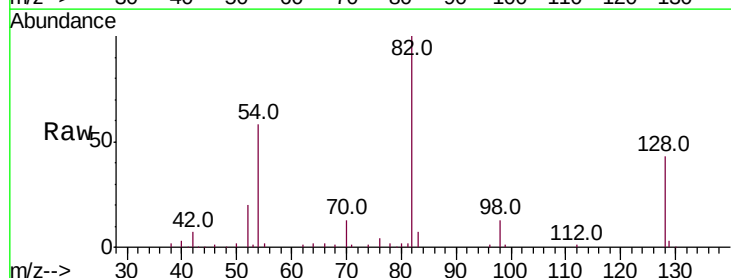
Instrument :
BNA_G
ClientSampleId :

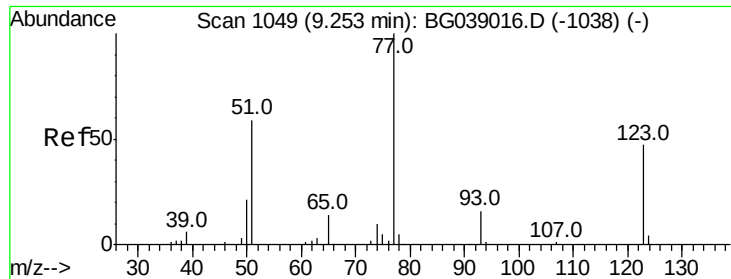
Tot Ion:136 Resp: 87024
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 9.2 7.2 10.8
68 5.5 3.5 5.3#



#23
Nitrobenzene-d5
Concen: 63.458 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039029.D
Acq: 9 Jan 2019 20:28

Tgt Ion: 82 Resp: 100921
Ion Ratio Lower Upper
82 100
128 43.5 37.3 55.9
54 58.0 46.4 69.6

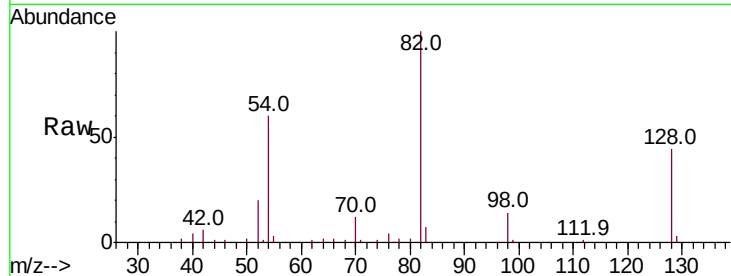




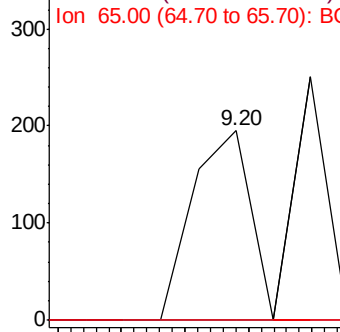
#24
 Nitrobenzene
 Concen: 0.077 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.06 min
 Lab File: BG039029.D
 Acq: 9 Jan 2019 20:28

Instrument :
 BNA_G
 ClientSampled :

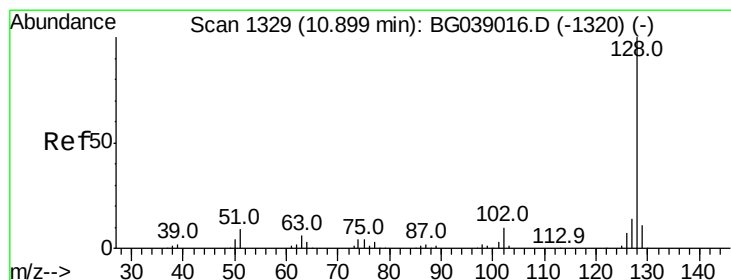
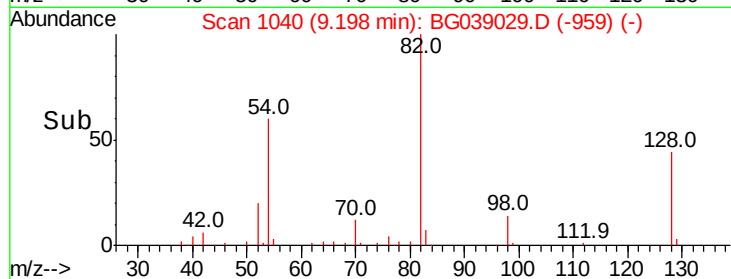
Tot Ion: 77 Resp: 124
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.6 56.4#
 65 0.0 11.0 16.6#



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

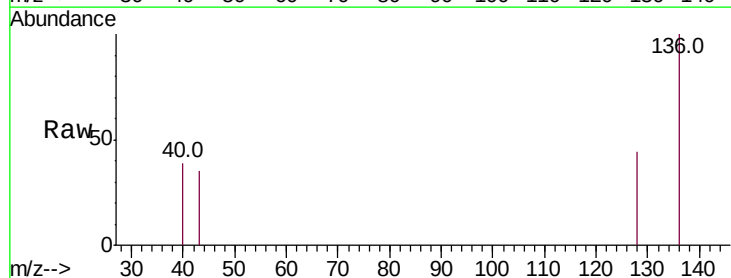


Time--> 9.17 9.18 9.19 9.20 9.21

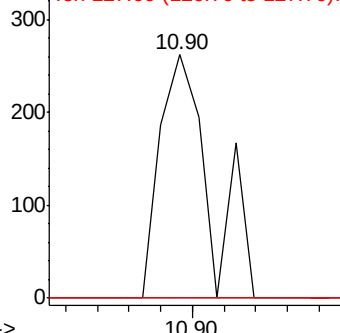


#31
 Naphthalene
 Concen: 0.066 ng
 RT: 10.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BG039029.D
 Acq: 9 Jan 2019 20:28

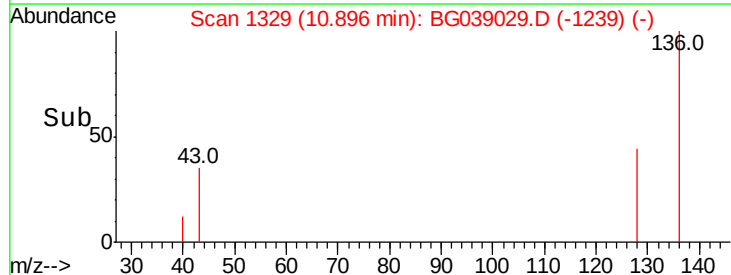
Tgt Ion: 128 Resp: 286
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.1 13.7#
 127 0.0 11.2 16.8#

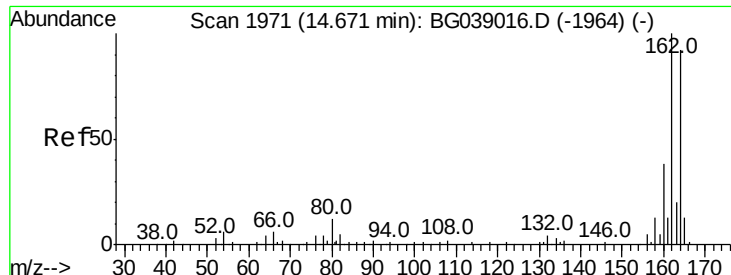


Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC



Time--> 10.90

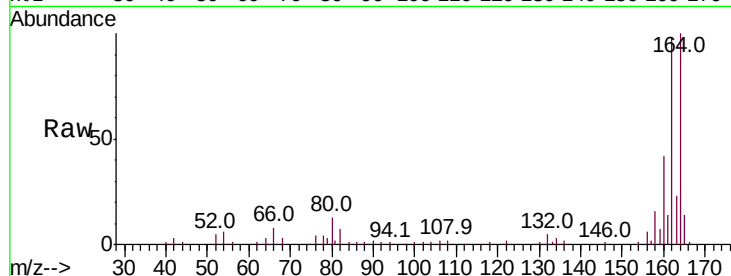




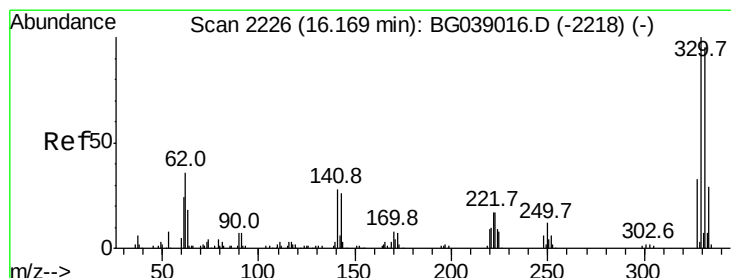
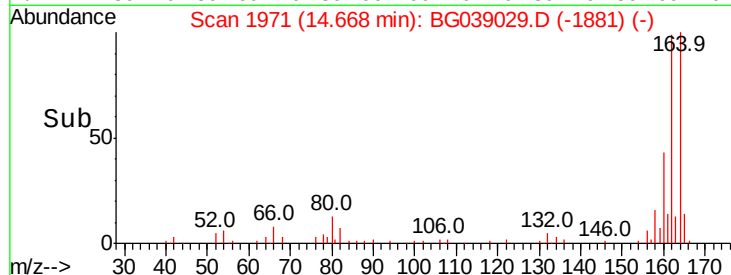
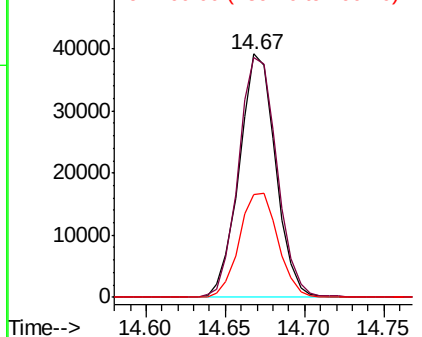
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039029.D
 Acq: 9 Jan 2019 20:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 62127
 Ion Ratio Lower Upper
 164 100
 162 98.3 87.2 130.8
 160 42.5 33.3 49.9

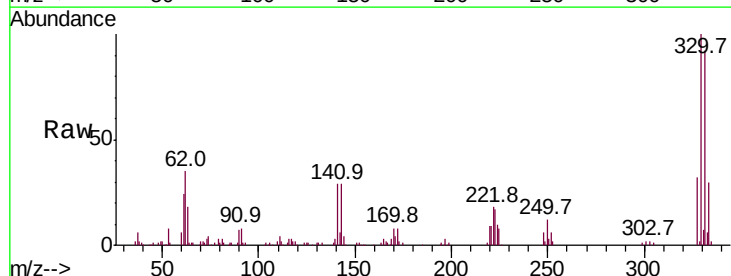


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

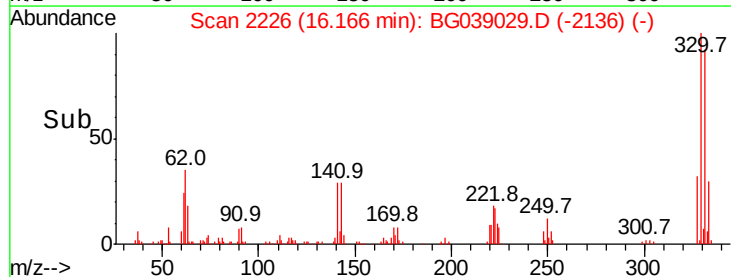
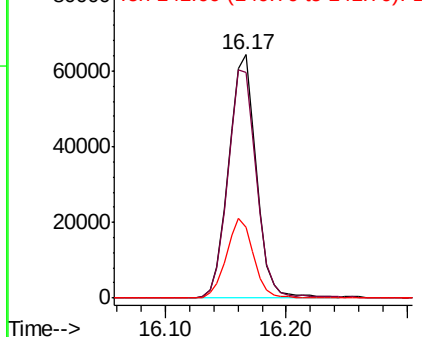


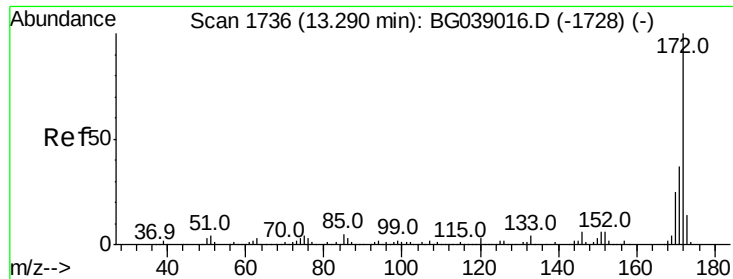
#42
 2,4,6-Tribromophenol
 Concen: 98.711 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG039029.D
 Acq: 9 Jan 2019 20:28

Tgt Ion:330 Resp: 102800
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 32.0 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

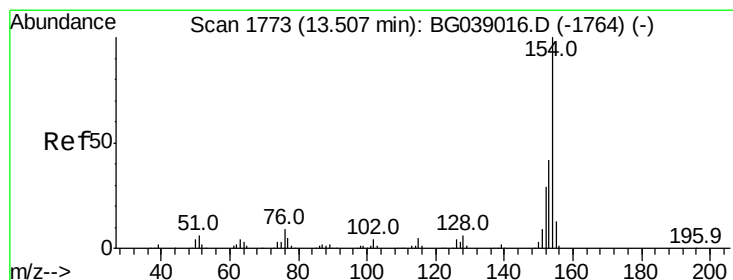
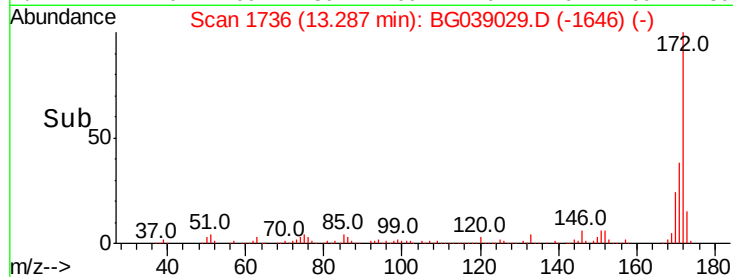
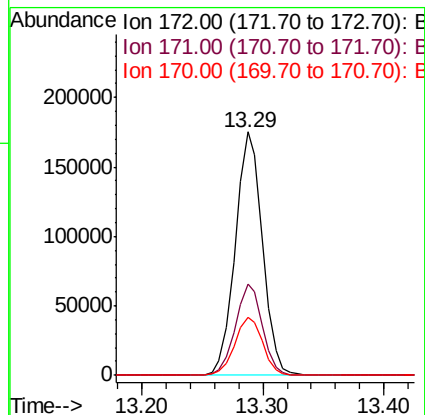
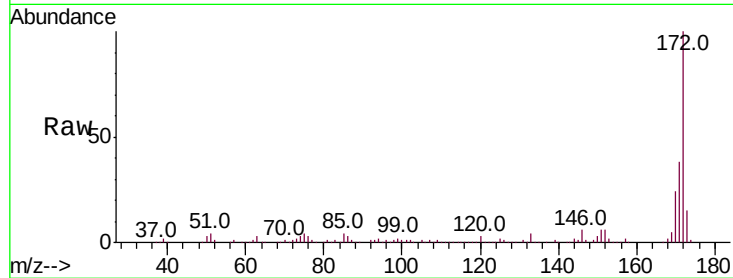




#45
 2-Fluorobiphenyl
 Concen: 60.462 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039029.D
 Acq: 9 Jan 2019 20:28

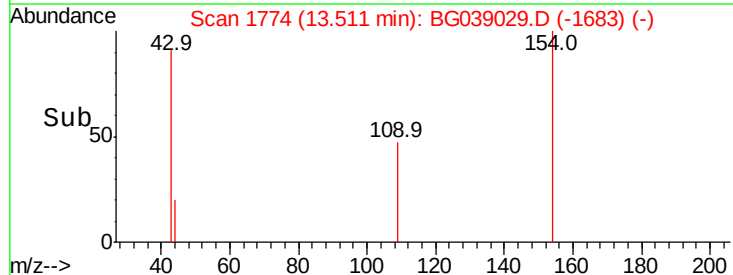
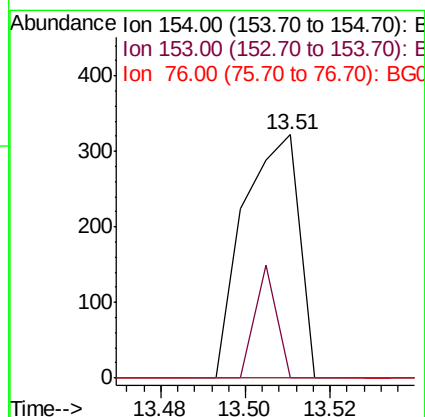
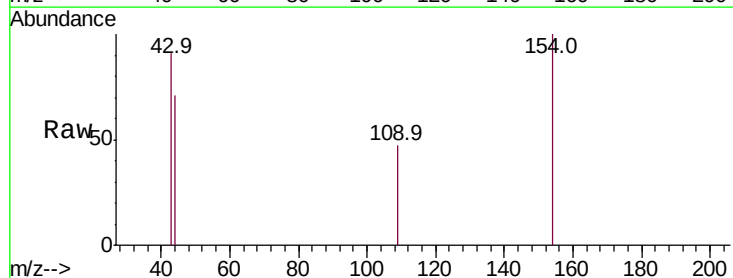
Instrument :
 BNA_G
 ClientSampleId :

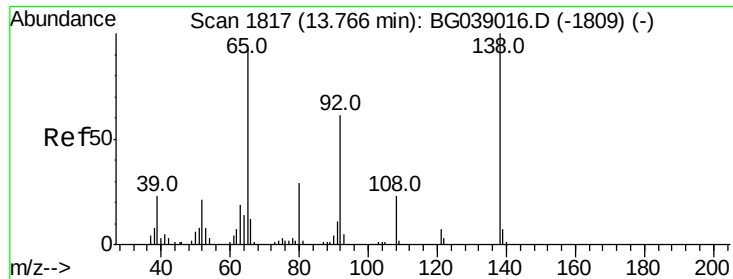
Tot Ion:172 Resp: 274472
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.4 44.0
 170 23.8 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 0.060 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG039029.D
 Acq: 9 Jan 2019 20:28

Tgt Ion:154 Resp: 294
 Ion Ratio Lower Upper
 154 100
 153 0.0 22.4 62.4#
 76 0.0 0.0 29.4

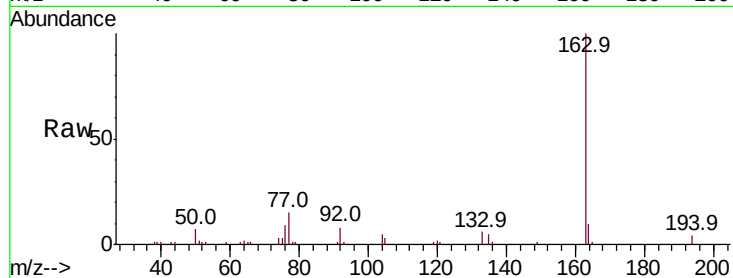




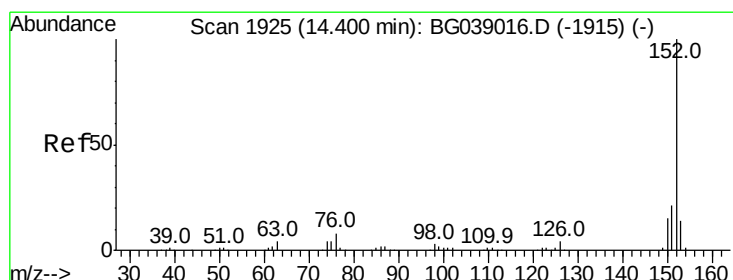
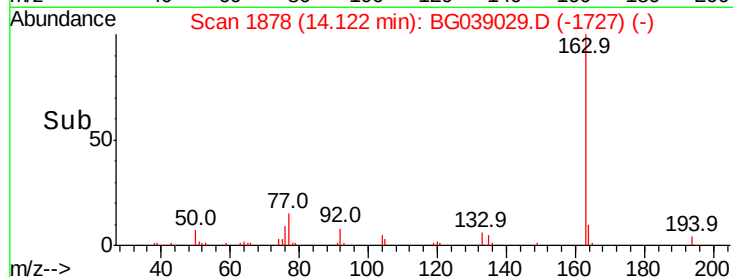
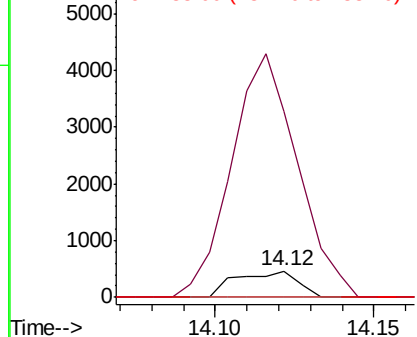
#48
2-Nitroaniline
Concen: 0.556 ng
RT: 14.12 min Scan# 1878
Delta R.T. 0.36 min
Lab File: BG039029.D
Acq: 9 Jan 2019 20:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 620
Ion Ratio Lower Upper
65 100
92 717.9 52.2 78.4#
138 0.0 86.0 129.0#

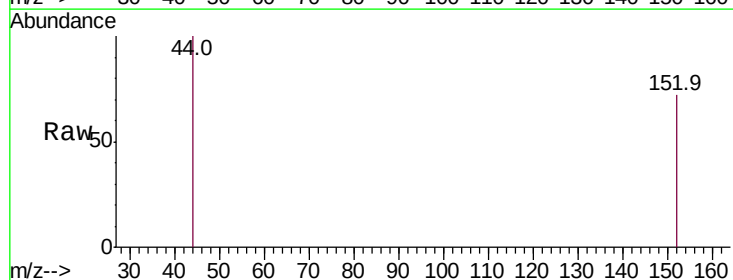


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

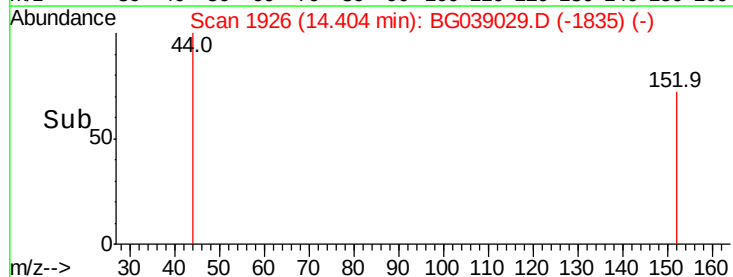
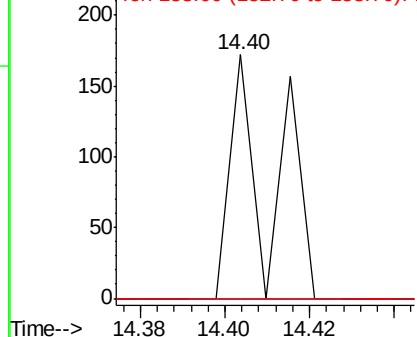


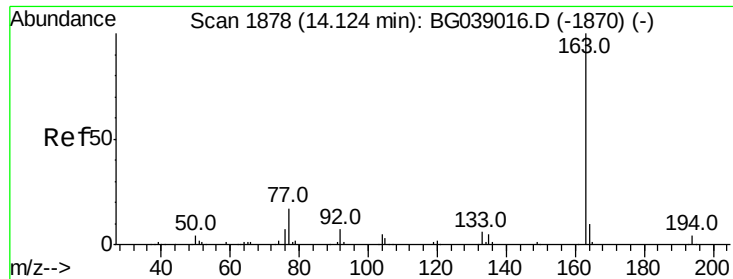
#49
Acenaphthylene
Concen: 0.019 ng
RT: 14.40 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG039029.D
Acq: 9 Jan 2019 20:28

Tgt Ion: 152 Resp: 116
Ion Ratio Lower Upper
152 100
151 0.0 17.0 25.4#
153 0.0 11.2 16.8#



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#50

Dimethylphthalate

Concen: 13.811 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampleId :

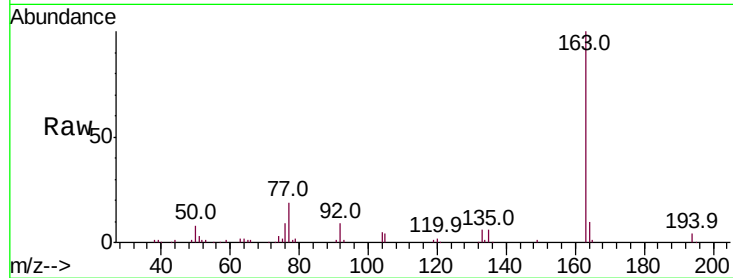
Tot Ion:163 Resp: 72508

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

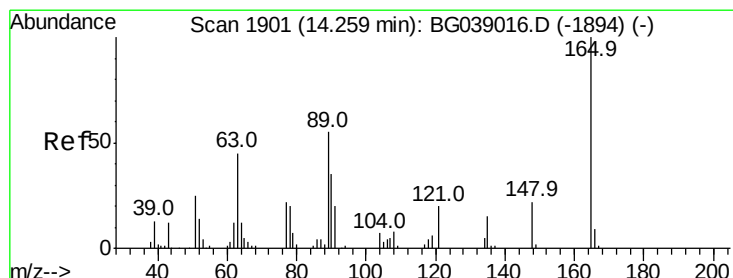
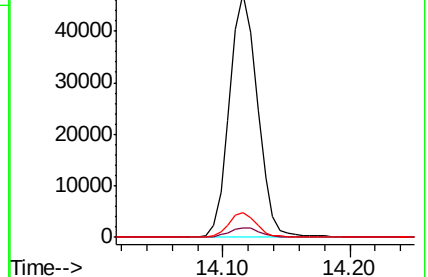
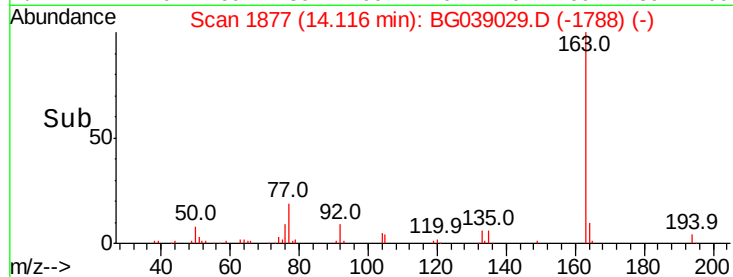
164 10.1 8.2 12.2



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: 0.601 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.14 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

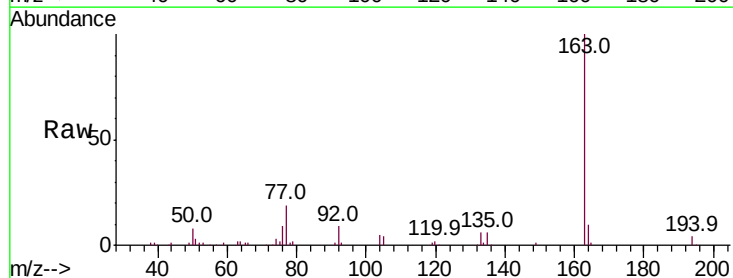
Tgt Ion:165 Resp: 706

Ion Ratio Lower Upper

165 100

63 156.0 43.6 65.4#

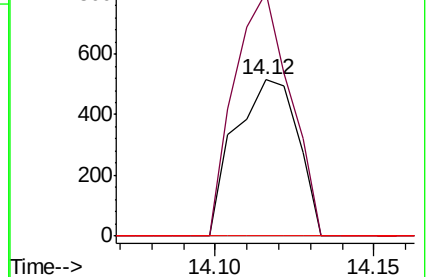
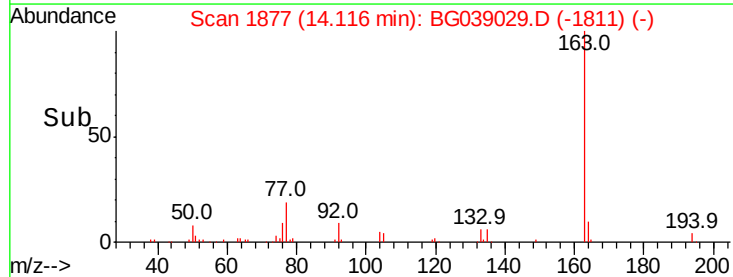
89 0.0 43.7 65.5#

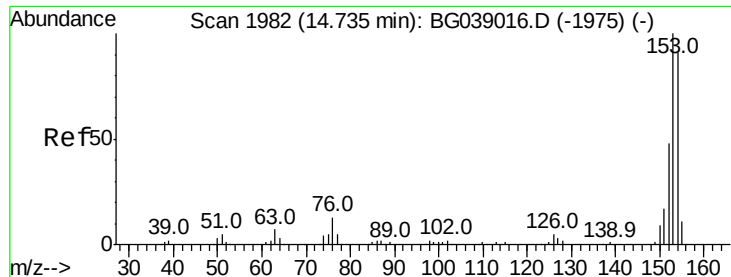


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#52

Acenaphthene

Concen: 0.756 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampled :

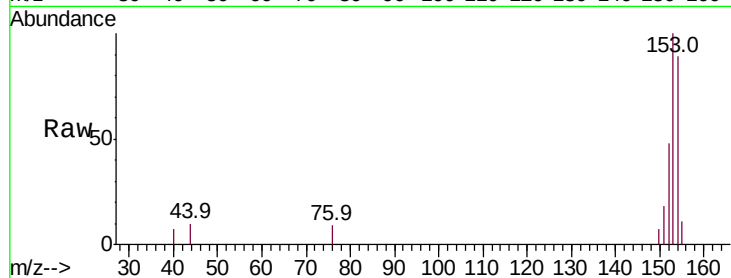
Tot Ion:154 Resp: 2718

Ion Ratio Lower Upper

154 100

153 112.2 87.9 131.9

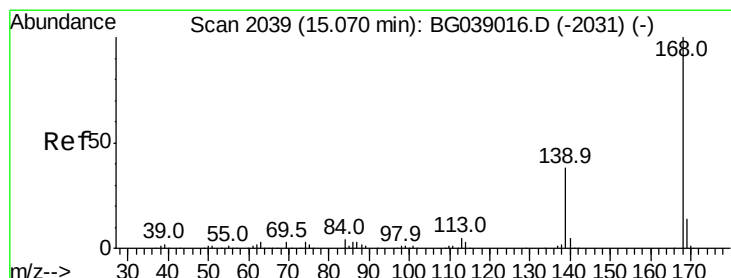
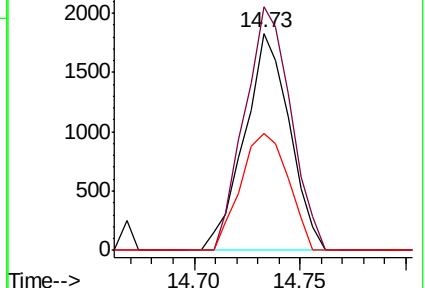
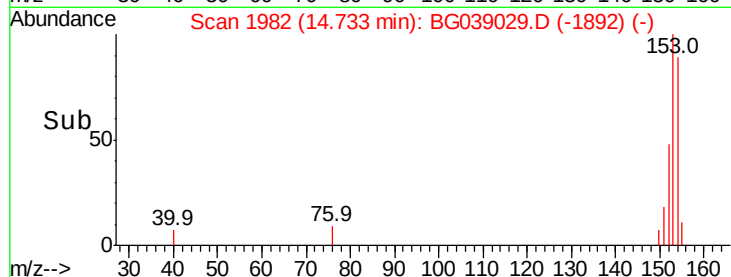
152 53.6 42.2 63.2



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



#55

Dibenzofuran

Concen: 0.111 ng

RT: 15.07 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

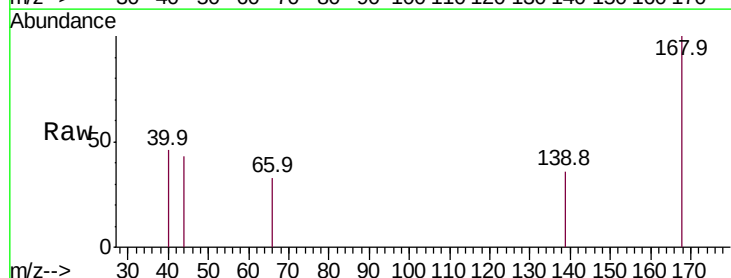
Tgt Ion:168 Resp: 707

Ion Ratio Lower Upper

168 100

139 36.2 30.1 45.1

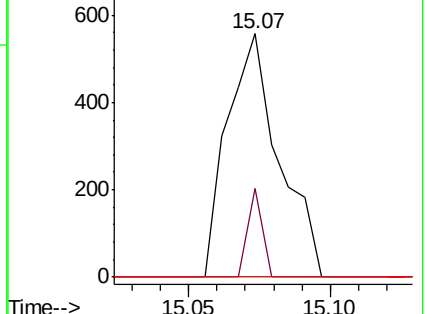
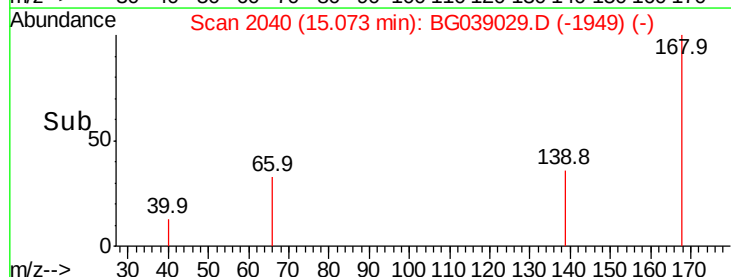
169 0.0 10.9 16.3#

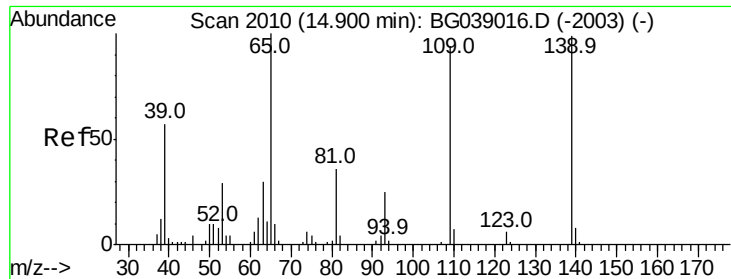


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

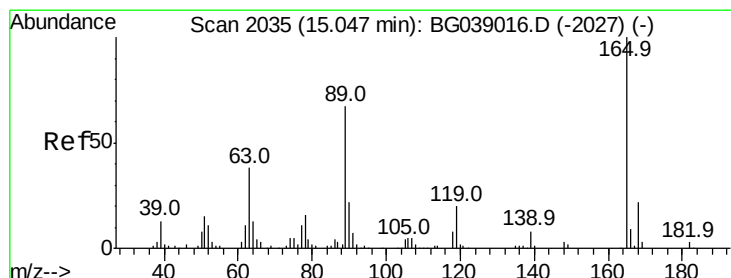
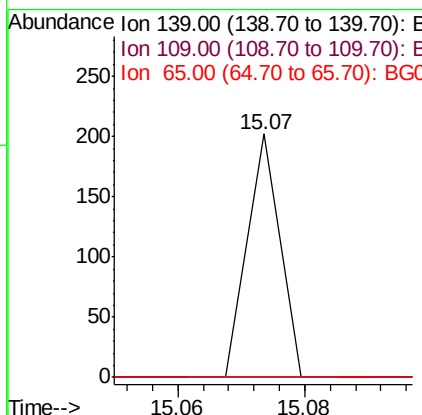
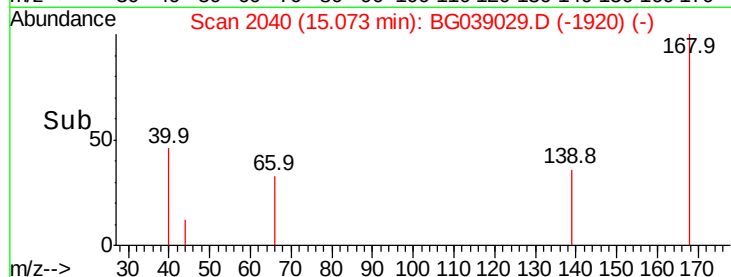
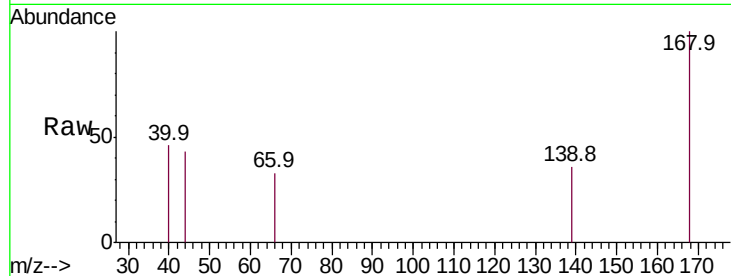




#56
4-Nitrophenol
Concen: 0.083 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.17 min
Lab File: BG039029.D
Acq: 9 Jan 2019 20:28

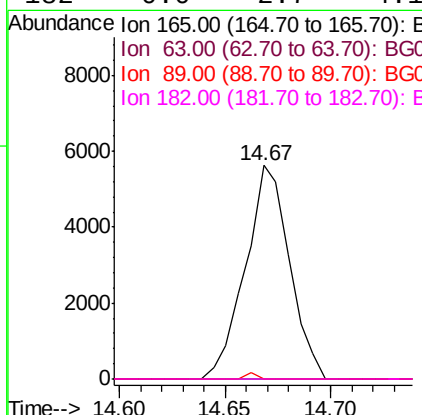
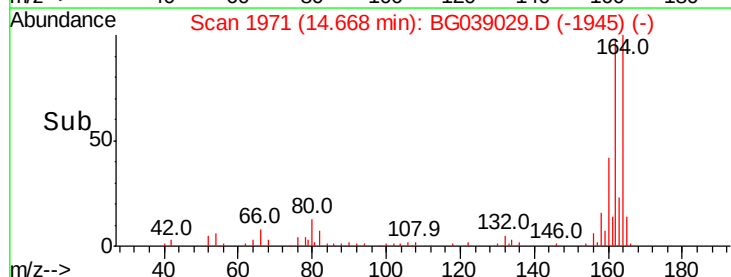
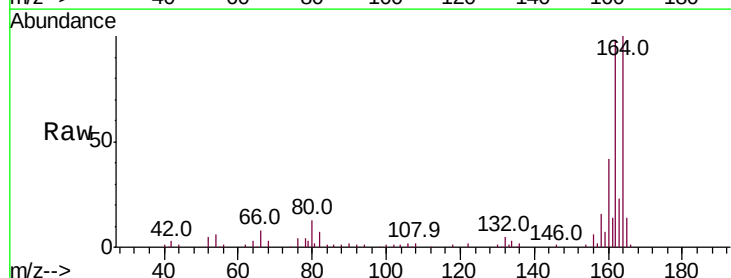
Instrument :
BNA_G
ClientSampled :

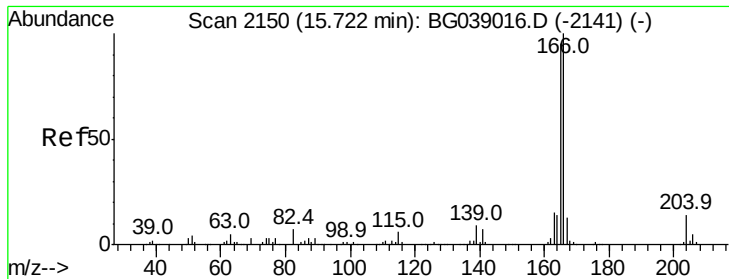
Tot Ion:139 Resp: 71
Ion Ratio Lower Upper
139 100
109 0.0 75.6 115.6#
65 0.0 81.2 121.2#



#57
2,4-Dinitrotoluene
Concen: 4.853 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.38 min
Lab File: BG039029.D
Acq: 9 Jan 2019 20:28

Tgt Ion:165 Resp: 8173
Ion Ratio Lower Upper
165 100
63 0.0 30.2 45.4#
89 0.0 53.2 79.8#
182 0.0 2.7 4.1#





#58

Fluorene

Concen: 0.329 ng

RT: 15.72 min Scan# 2150

Delta R.T. -0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampleId :

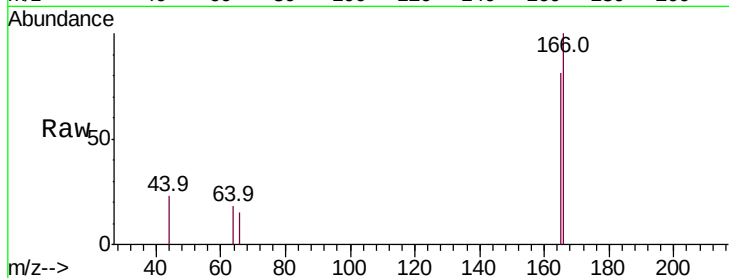
Tot Ion:166 Resp: 1575

Ion Ratio Lower Upper

166 100

165 81.4 76.2 114.2

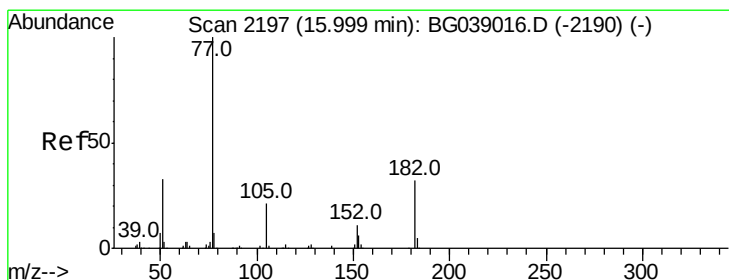
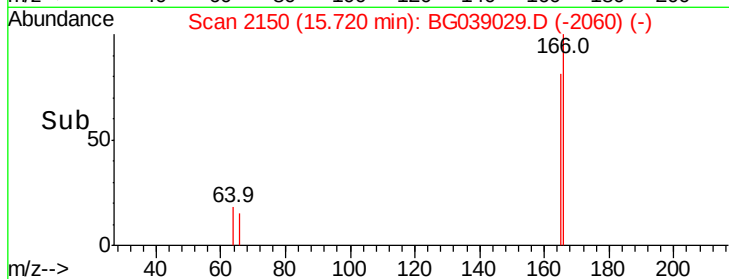
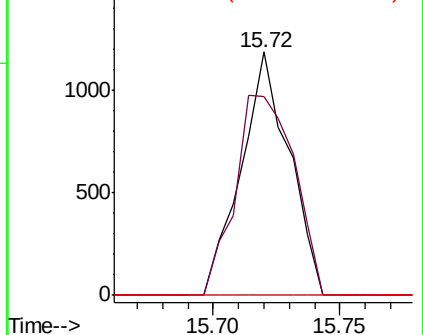
167 0.0 10.6 16.0#



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: 0.081 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.17 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Tgt Ion: 77 Resp: 341

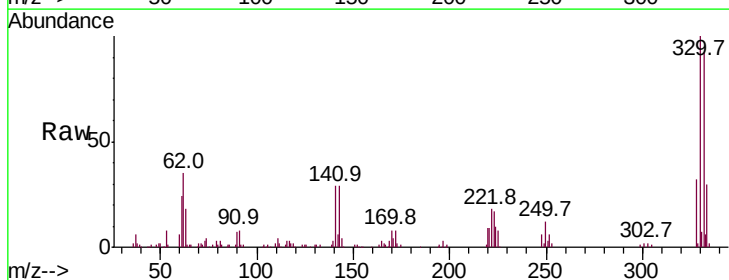
Ion Ratio Lower Upper

77 100

182 0.0 12.2 52.2#

105 59.7 1.2 41.2#

51 66.1 13.4 53.4#

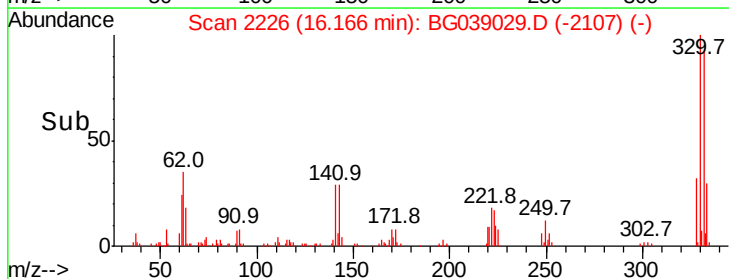
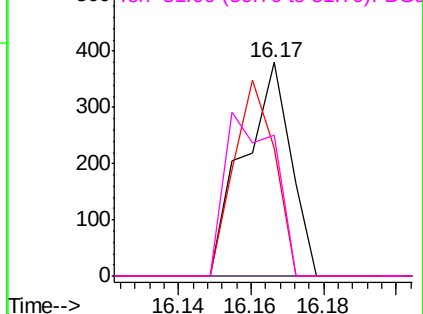


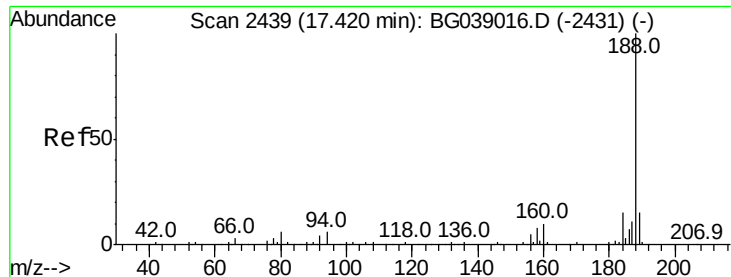
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampled :

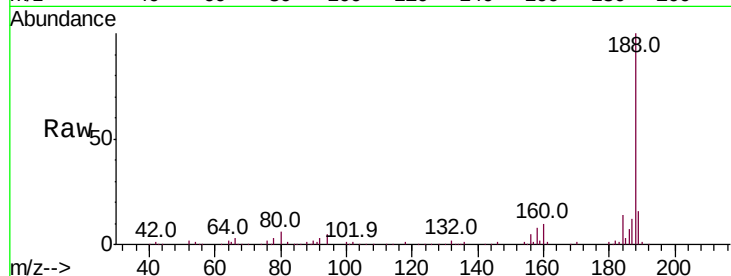
Tot Ion:188 Resp: 171323

Ion Ratio Lower Upper

188 100

94 5.3 5.0 7.4

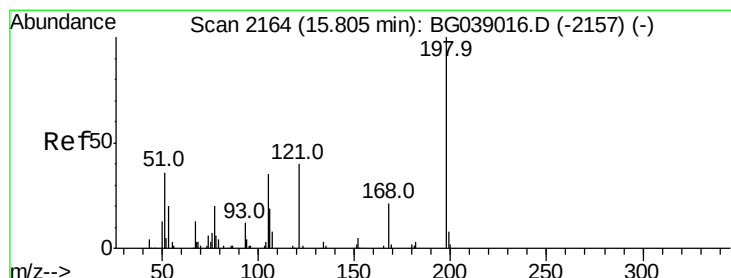
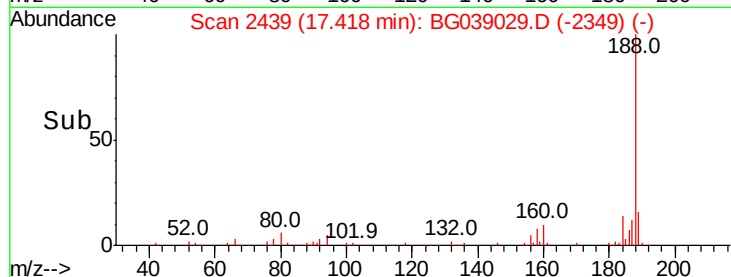
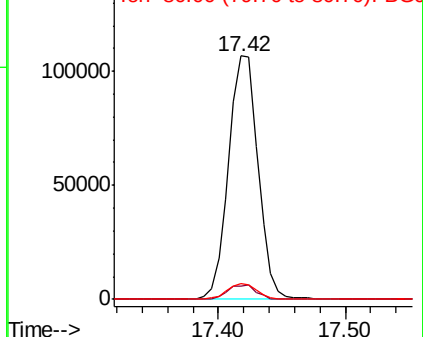
80 6.3 4.7 7.1



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: 0.187 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.36 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

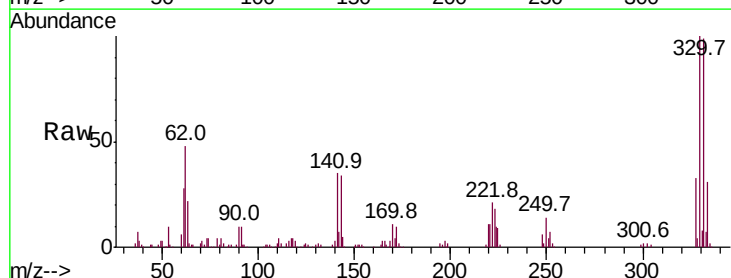
Tgt Ion:198 Resp: 237

Ion Ratio Lower Upper

198 100

51 18.7 20.8 60.8#

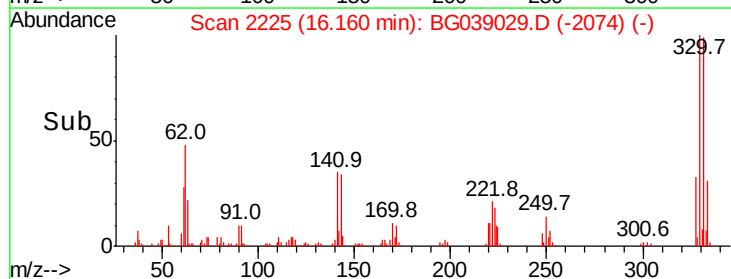
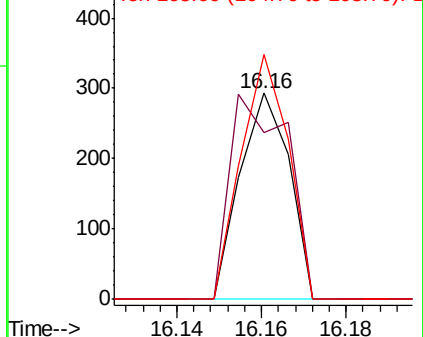
105 27.6 16.1 56.1

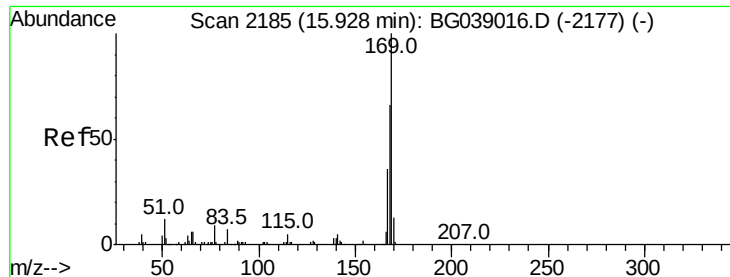


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

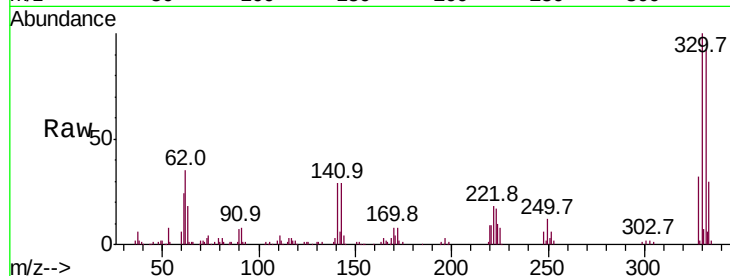




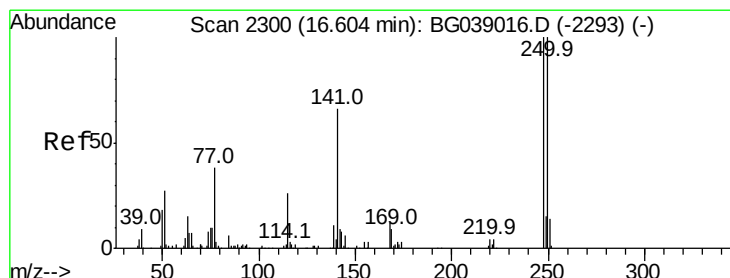
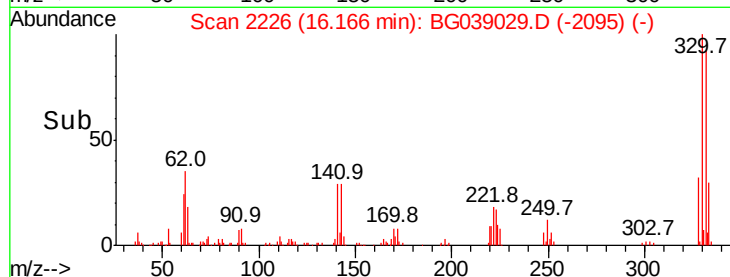
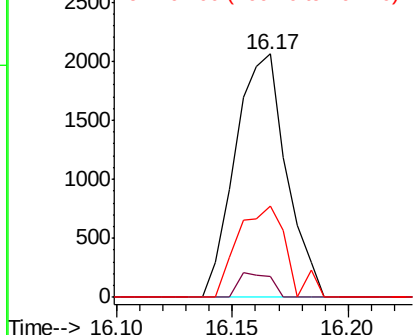
#66
 n-Nitrosodiphenylamine
 Concen: 0.626 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.24 min
 Lab File: BG039029.D
 Acq: 9 Jan 2019 20:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 3181
 Ion Ratio Lower Upper
 169 100
 168 8.4 53.2 79.8#
 167 37.7 29.1 43.7

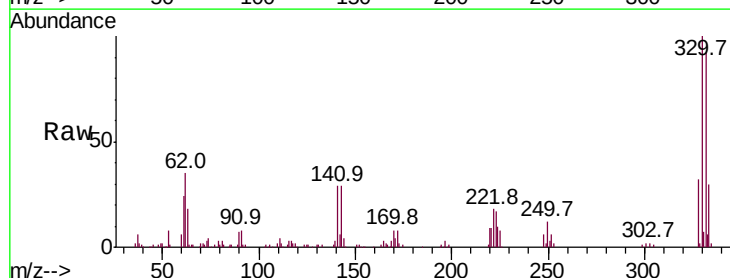


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

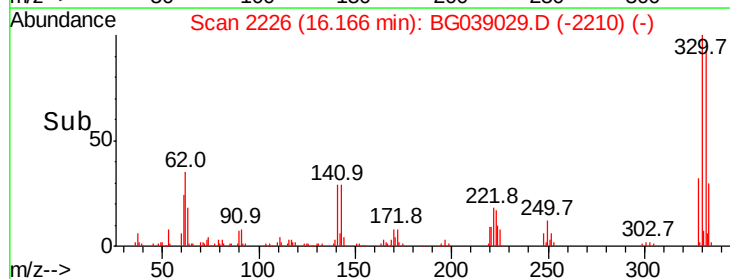
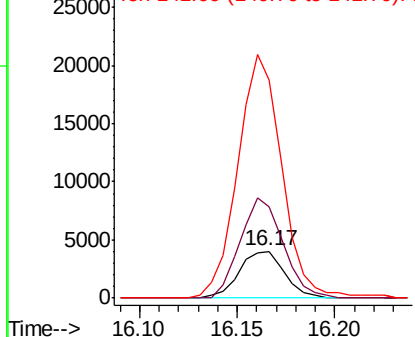


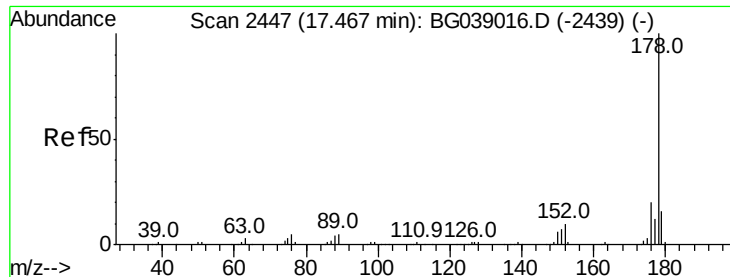
#67
 4-Bromophenyl-phenylether
 Concen: 2.946 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.44 min
 Lab File: BG039029.D
 Acq: 9 Jan 2019 20:28

Tgt Ion:248 Resp: 6489
 Ion Ratio Lower Upper
 248 100
 250 184.6 79.9 119.9#
 141 354.8 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

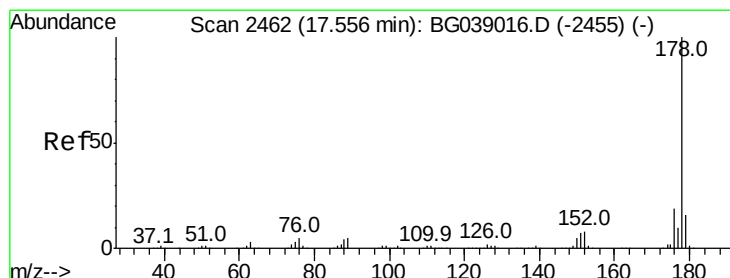
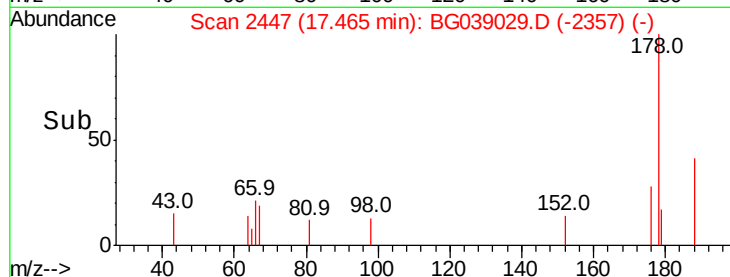
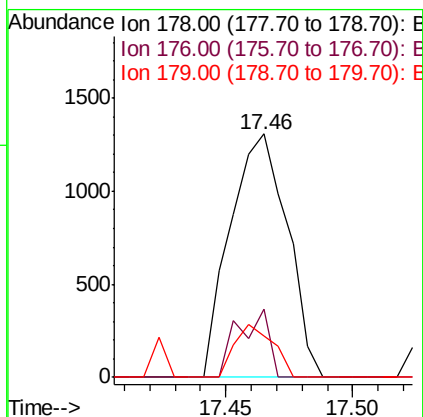
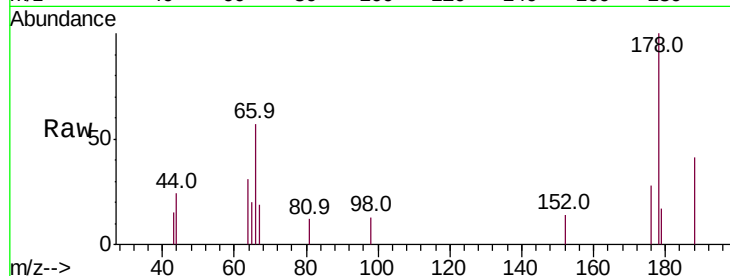




#71
 Phenanthrene
 Concen: 0.227 ng
 RT: 17.46 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG039029.D
 Acq: 9 Jan 2019 20:28

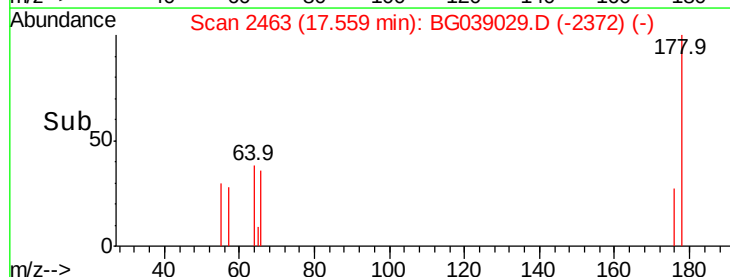
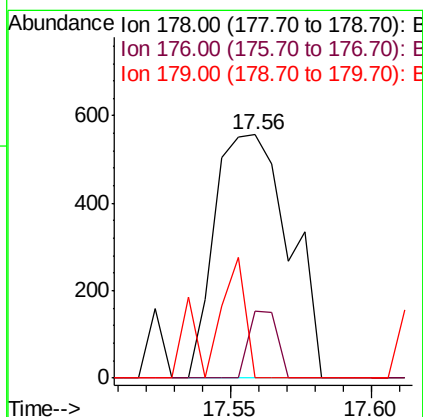
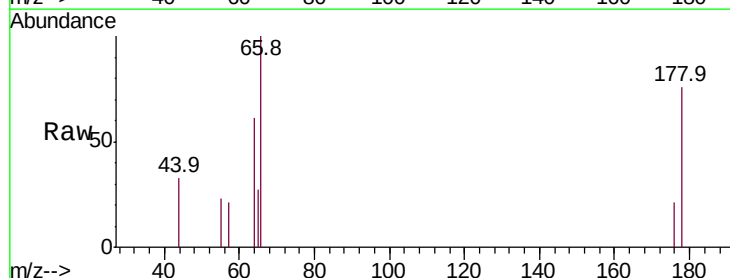
Instrument :
 BNA_G
 ClientSampleId :

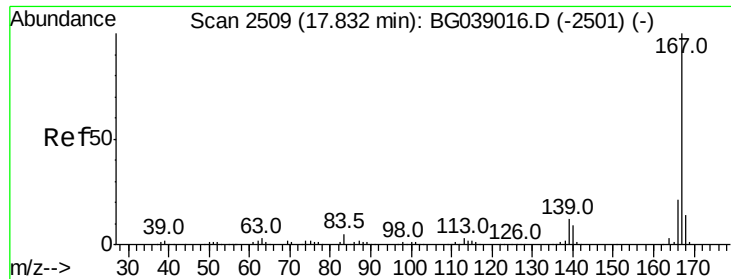
Tot Ion:178 Resp: 2054
 Ion Ratio Lower Upper
 178 100
 176 28.1 15.7 23.5#
 179 17.0 12.9 19.3



#72
 Anthracene
 Concen: 0.114 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BG039029.D
 Acq: 9 Jan 2019 20:28

Tgt Ion:178 Resp: 1018
 Ion Ratio Lower Upper
 178 100
 176 27.5 14.9 22.3#
 179 0.0 13.0 19.4#





#73

Carbazole

Concen: 0.048 ng

RT: 17.84 min Scan# 2511

Delta R.T. 0.01 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampled :

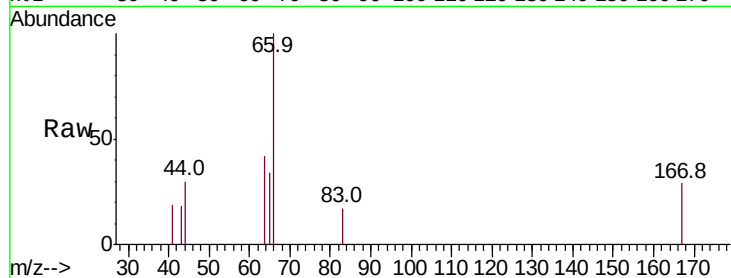
Tot Ion:167 Resp: 424

Ion Ratio Lower Upper

167 100

166 0.0 16.9 25.3#

139 0.0 10.0 15.0#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.84

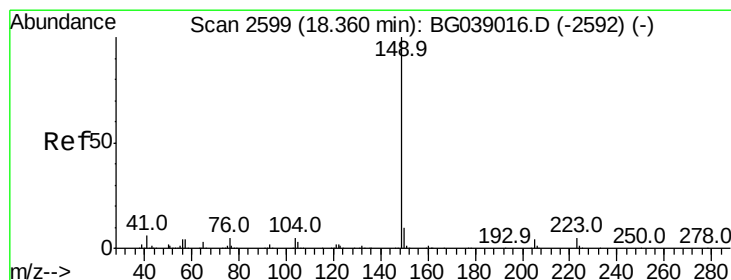
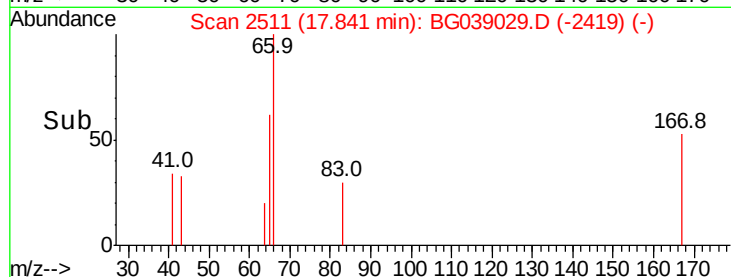
300

200

100

0

Time--> 17.80 17.85



#74

Di-n-butylphthalate

Concen: 0.027 ng

RT: 18.36 min Scan# 2600

Delta R.T. 0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

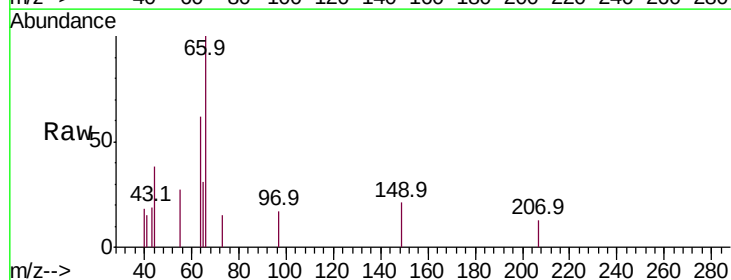
Tgt Ion:149 Resp: 264

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

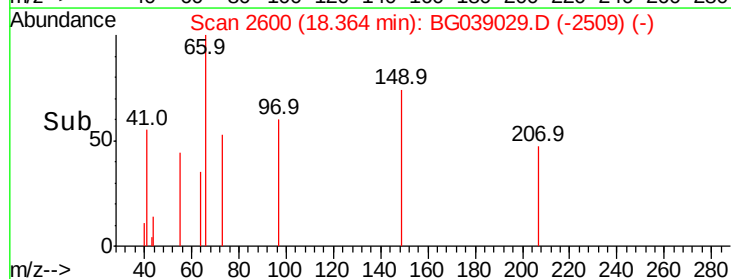
300

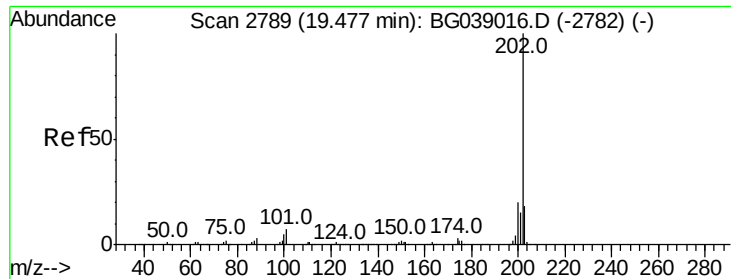
200

100

0

Time--> 18.32 18.34 18.36 18.38





#75

Fluoranthene

Concen: 0.832 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampleId :

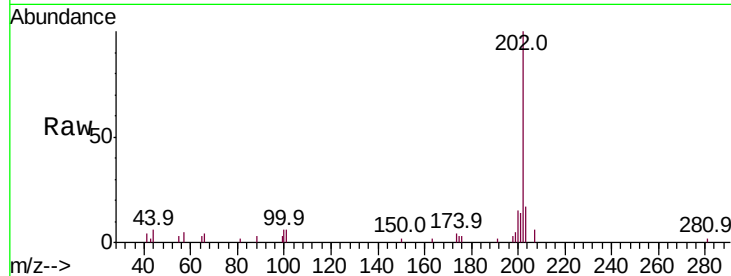
Tot Ion:202 Resp: 9335

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.9

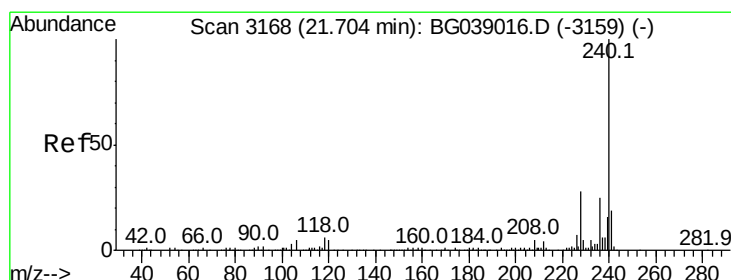
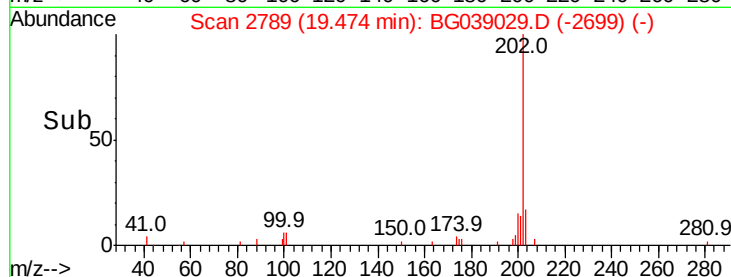
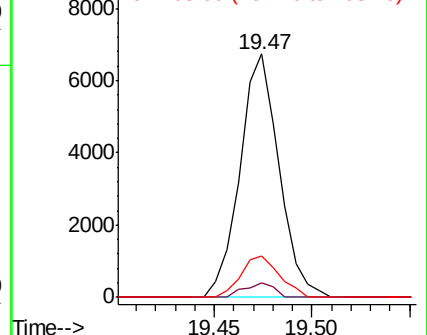
203 17.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

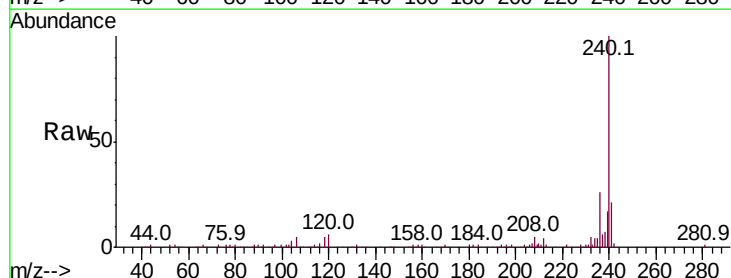
Tgt Ion:240 Resp: 178842

Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

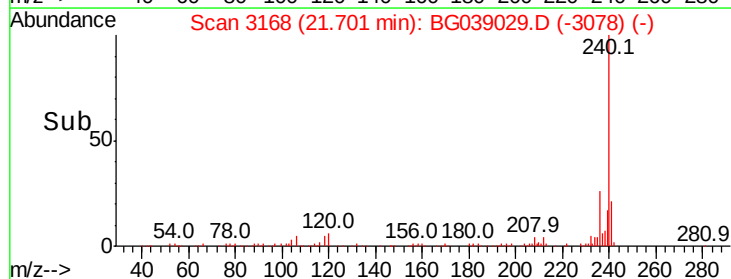
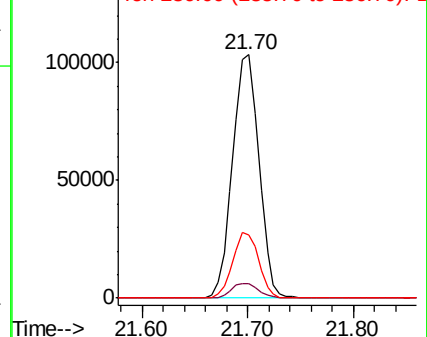
236 25.8 20.1 30.1

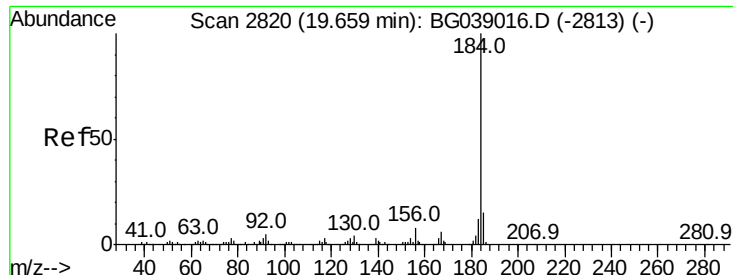


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.503 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampleId :

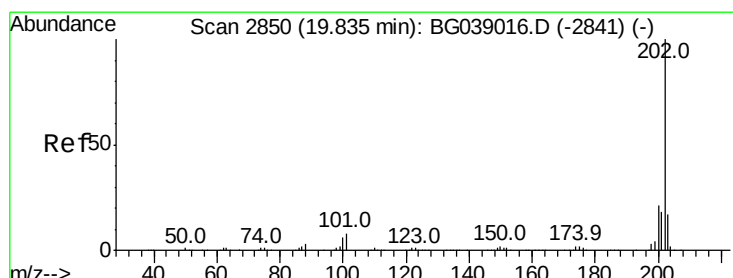
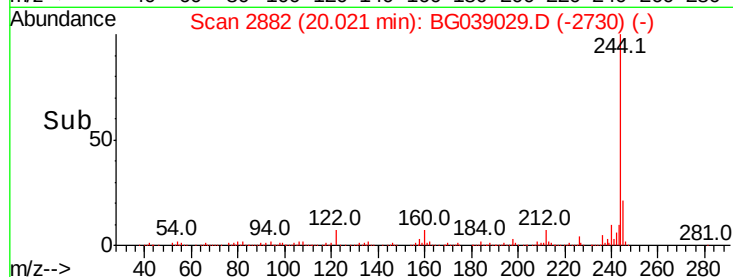
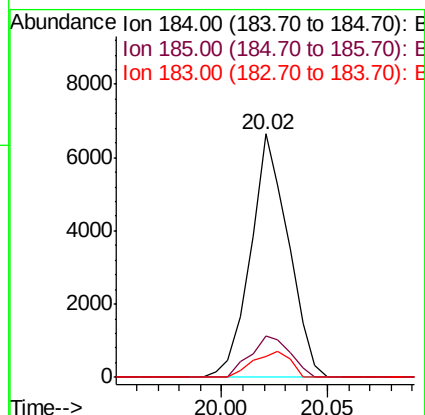
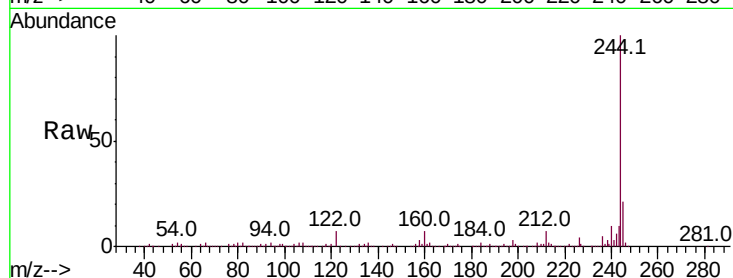
Tot Ion:184 Resp: 8222

Ion Ratio Lower Upper

184 100

185 17.1 12.1 18.1

183 8.6 9.5 14.3#



#78

Pyrene

Concen: 0.649 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

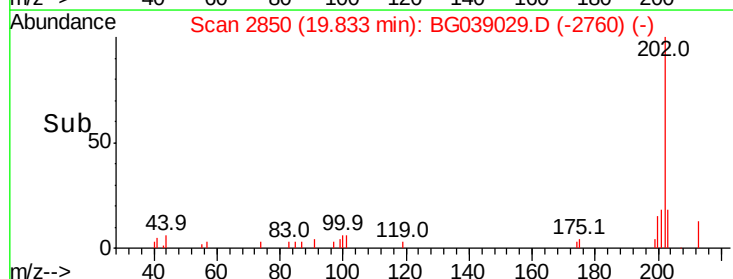
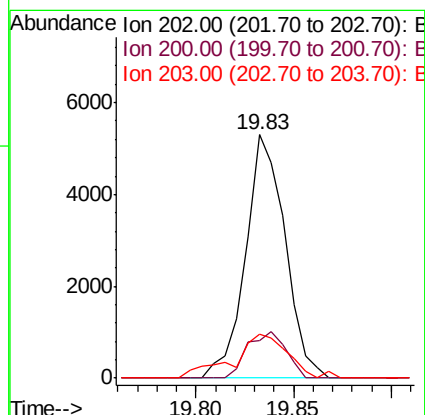
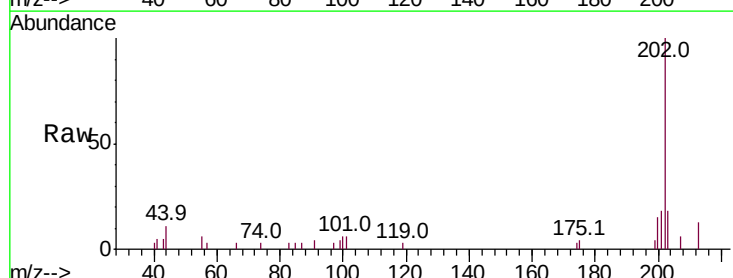
Tgt Ion:202 Resp: 7400

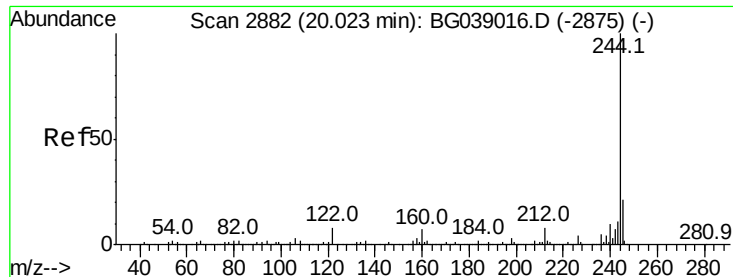
Ion Ratio Lower Upper

202 100

200 15.3 17.0 25.6#

203 18.0 14.0 21.0





#79

Terphenyl-d14

Concen: 57.719 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampled :

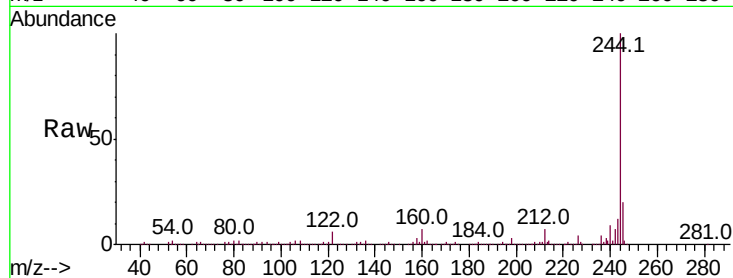
Tot Ion:244 Resp: 558011

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

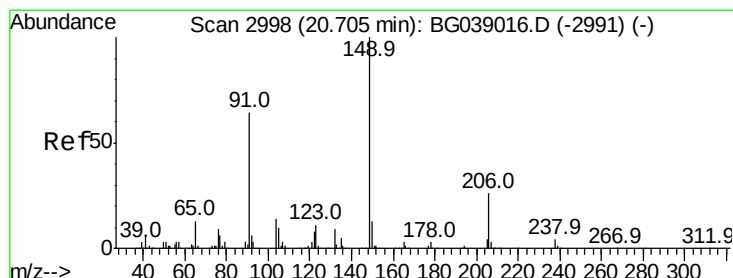
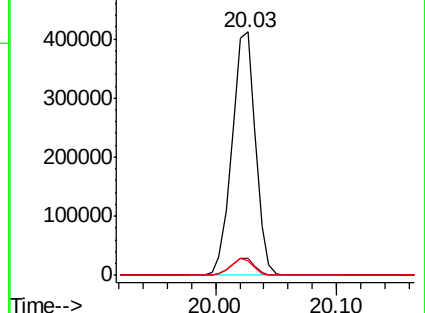
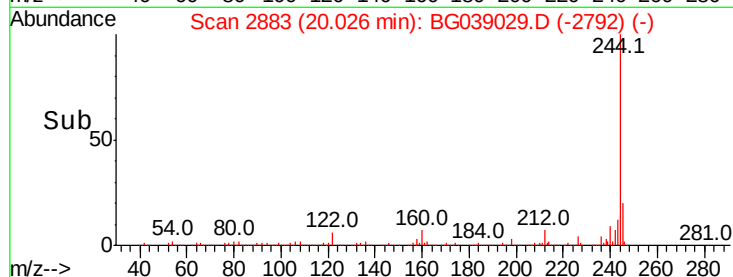
122 6.1 6.1 9.1



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: 0.019 ng

RT: 20.72 min Scan# 3001

Delta R.T. 0.02 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

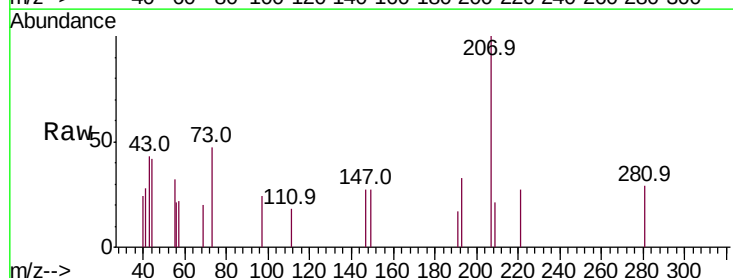
Tgt Ion:149 Resp: 83

Ion Ratio Lower Upper

149 100

91 0.0 51.4 77.0#

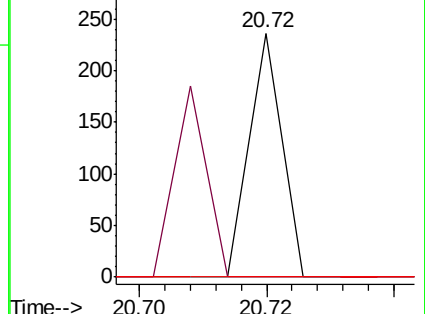
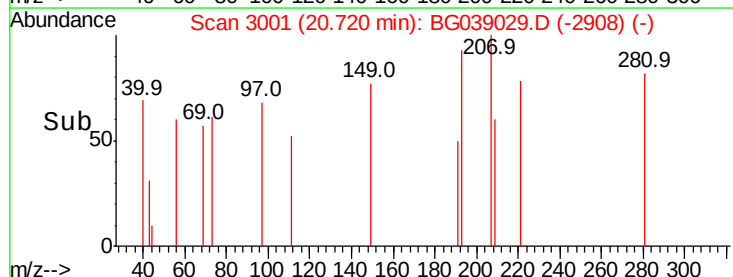
206 0.0 20.4 30.6#

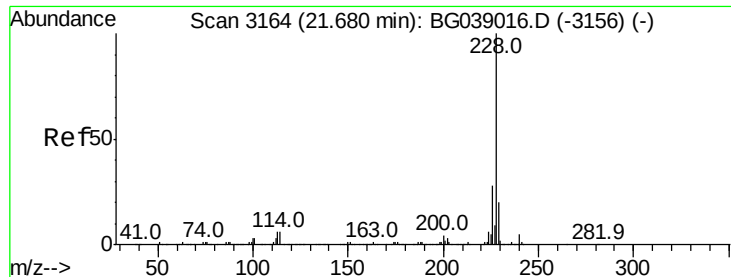


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.242 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampleId :

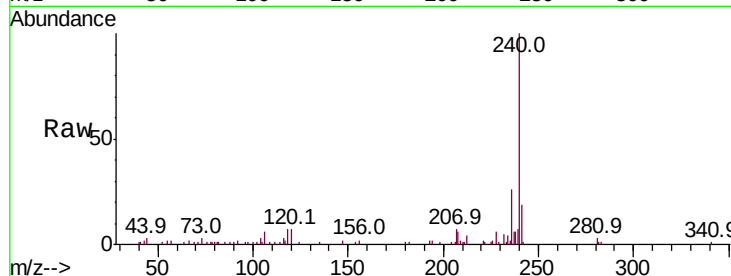
Tot Ion:228 Resp: 2640

Ion Ratio Lower Upper

228 100

226 39.0 22.4 33.6#

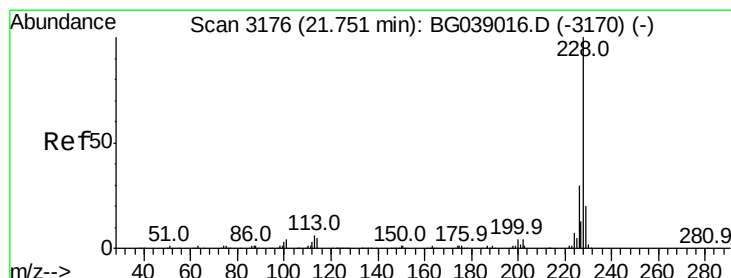
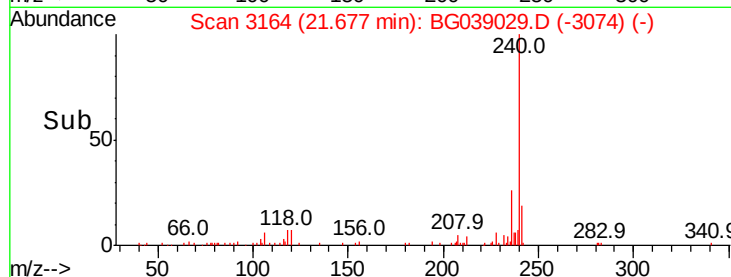
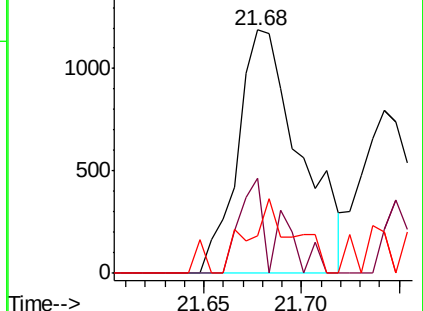
229 15.6 16.2 24.2#



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: 0.144 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

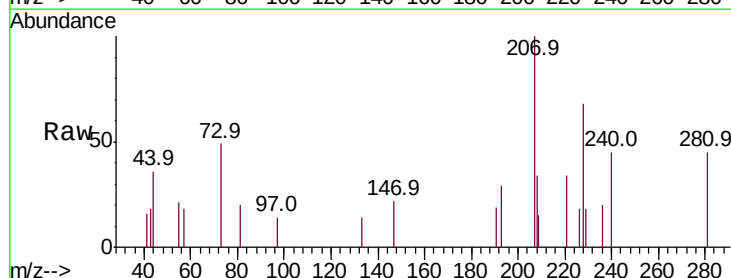
Tgt Ion:228 Resp: 1491

Ion Ratio Lower Upper

228 100

226 27.0 24.1 36.1

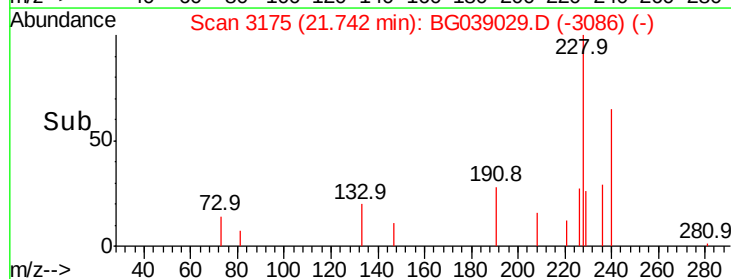
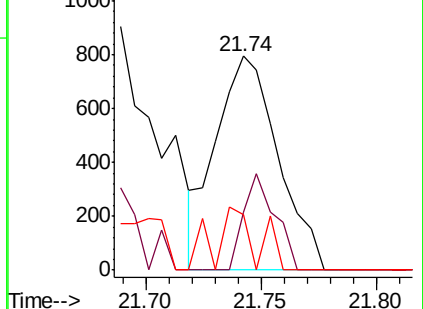
229 25.7 16.0 24.0#

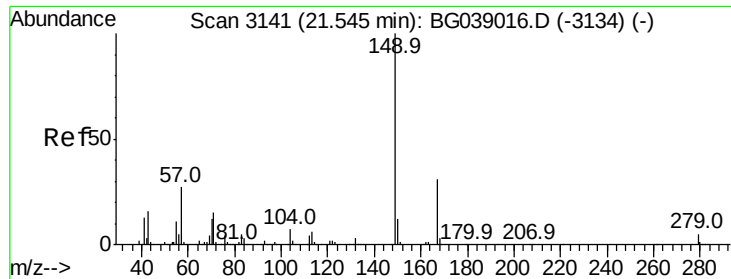


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.147 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampled :

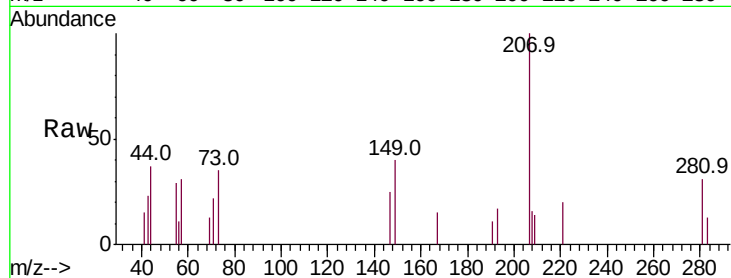
Tot Ion:149 Resp: 887

Ion Ratio Lower Upper

149 100

167 37.7 25.0 37.4#

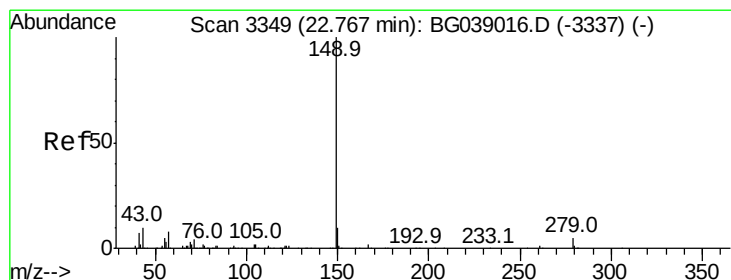
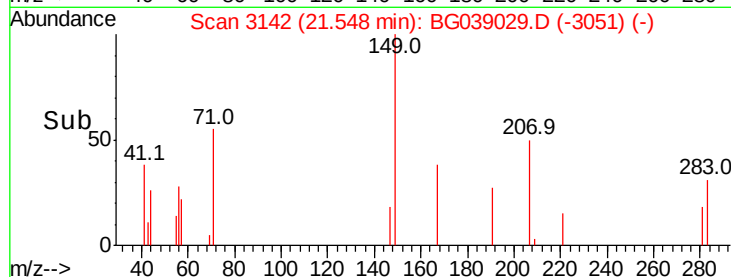
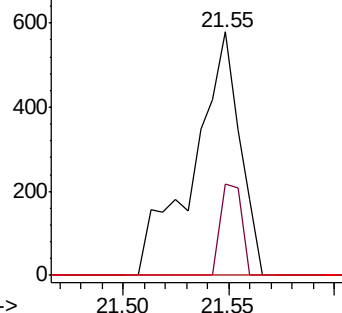
279 0.0 4.3 6.5#



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: 22.78 min Scan# 3351

Delta R.T. 0.01 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

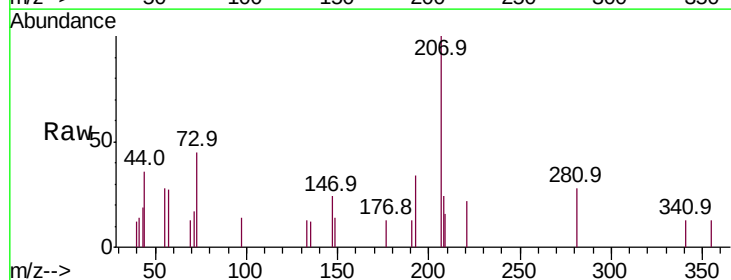
Tgt Ion:149 Resp: 61

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

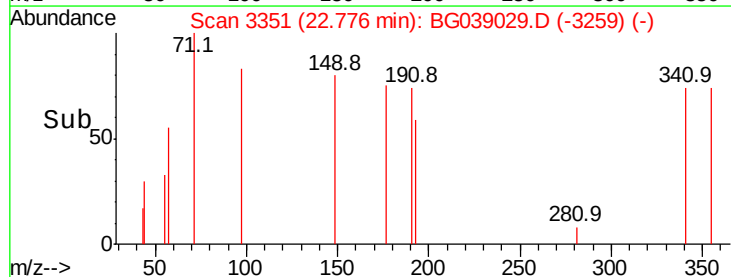
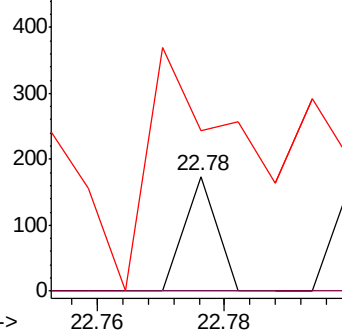
43 596.7 7.5 11.3#

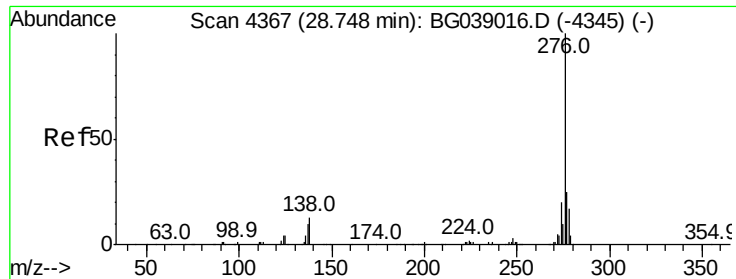


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

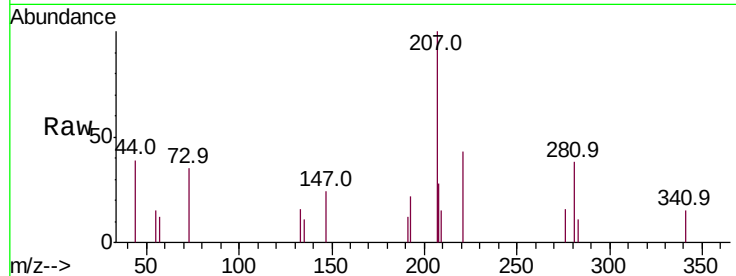




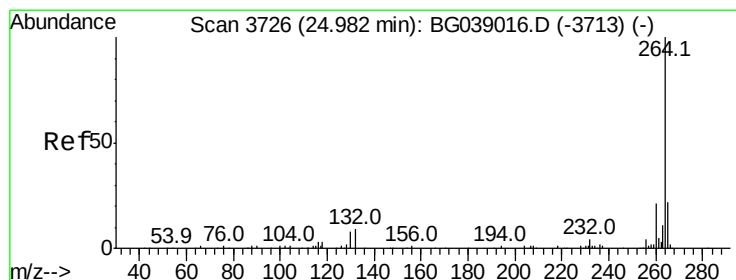
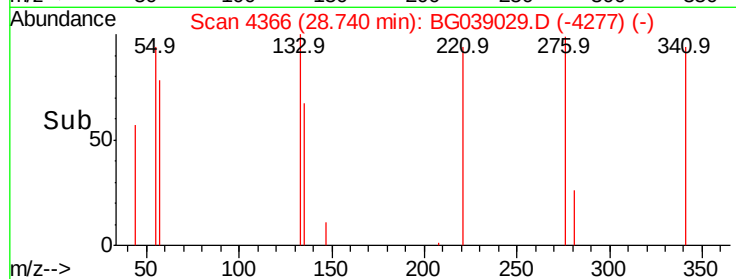
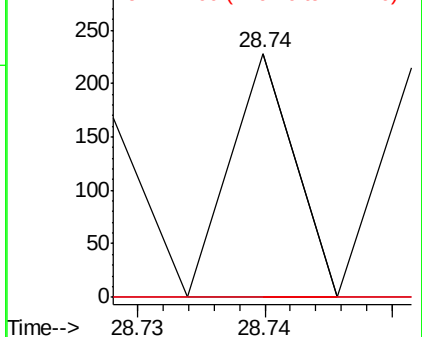
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.006 ng
 RT: 28.74 min Scan# 4366
 Delta R.T. -0.01 min
 Lab File: BG039029.D
 Acq: 9 Jan 2019 20:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 80
 Ion Ratio Lower Upper
 276 100
 138 0.0 8.0 12.0#
 277 0.0 20.3 30.5#

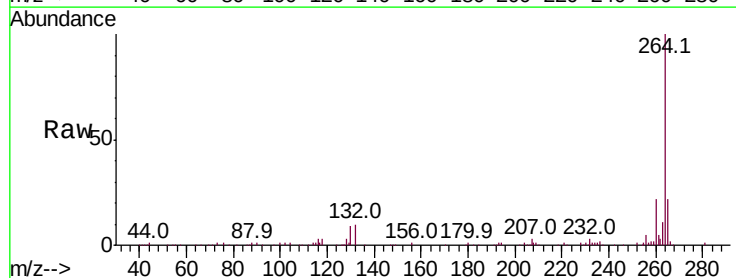


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

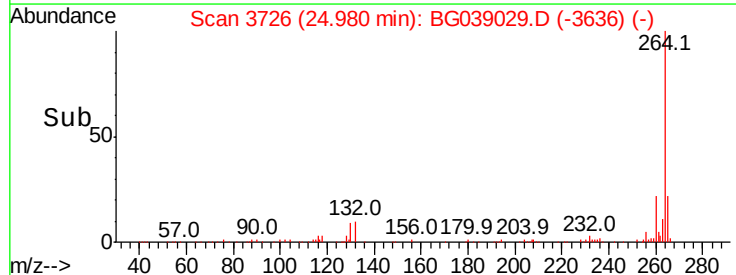
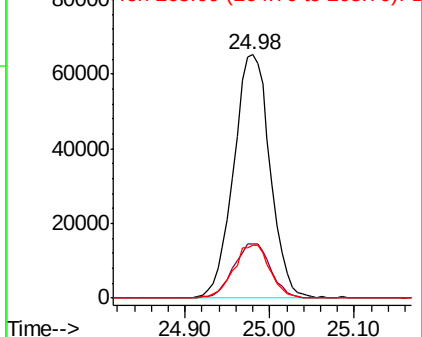


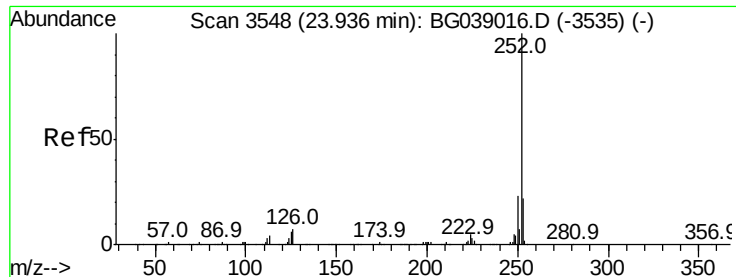
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. -0.00 min
 Lab File: BG039029.D
 Acq: 9 Jan 2019 20:28

Tgt Ion:264 Resp: 195002
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.0 25.6
 265 21.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.147 ng

RT: 23.93 min Scan# 3548

Delta R.T. -0.00 min

Lab File: BG039029.D

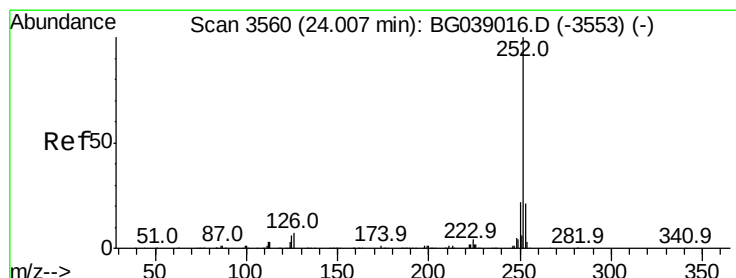
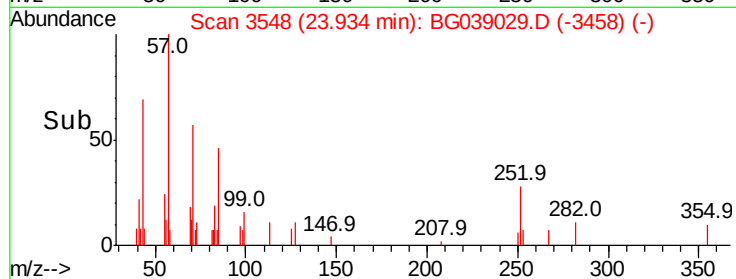
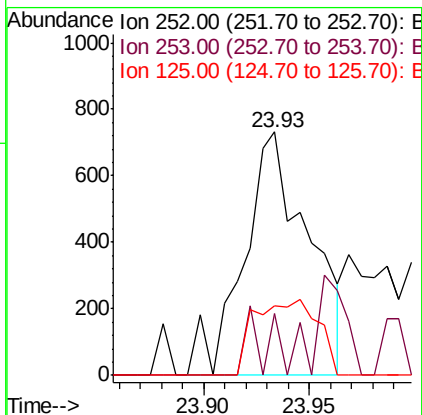
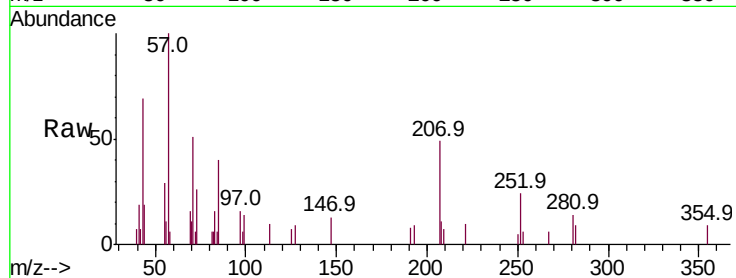
Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	1576
Ion Ratio	Lower	Upper
252	100	
253	25.4	17.8 26.6
125	28.7	4.9 7.3#



#89

Benzo(k)fluoranthene

Concen: 0.053 ng

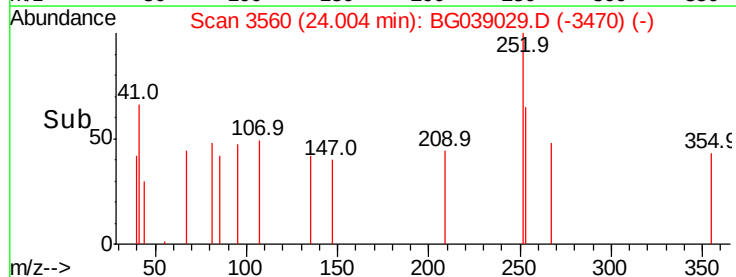
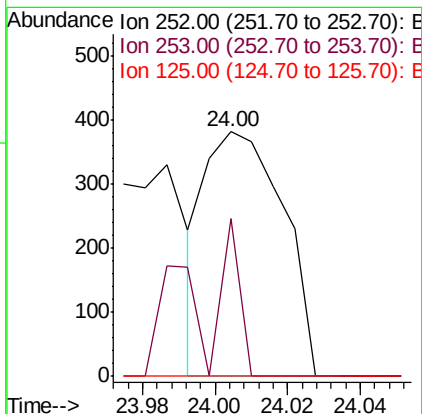
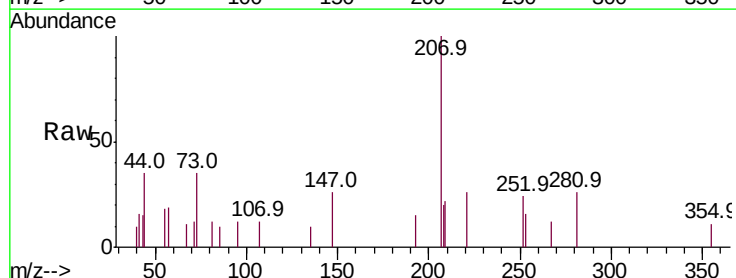
RT: 24.00 min Scan# 3560

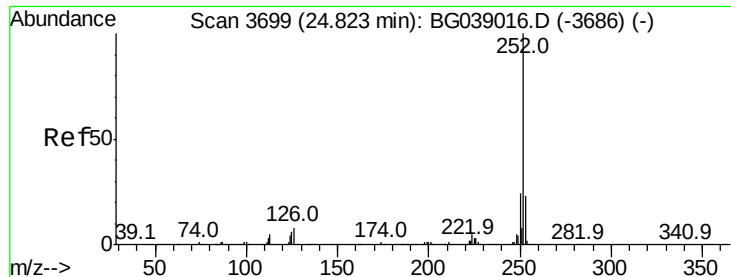
Delta R.T. -0.00 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Tgt Ion:252	Resp:	568
Ion Ratio	Lower	Upper
252	100	
253	64.6	17.1 25.7#
125	0.0	4.6 7.0#





#90

Benzo(a)pyrene

Concen: 0.106 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

Instrument :

BNA_G

ClientSampleId :

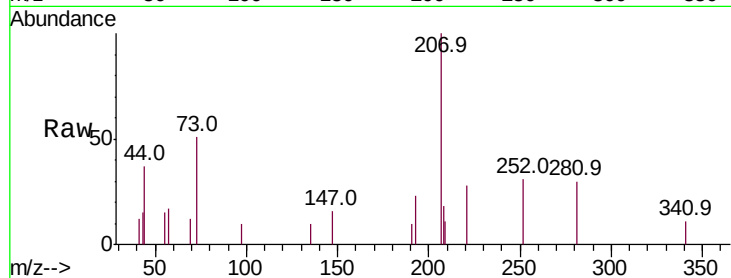
Tot Ion:252 Resp: 1101

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

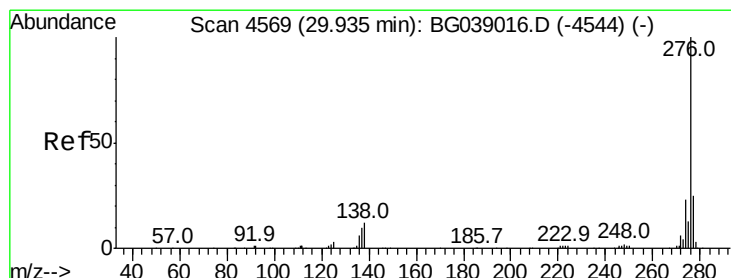
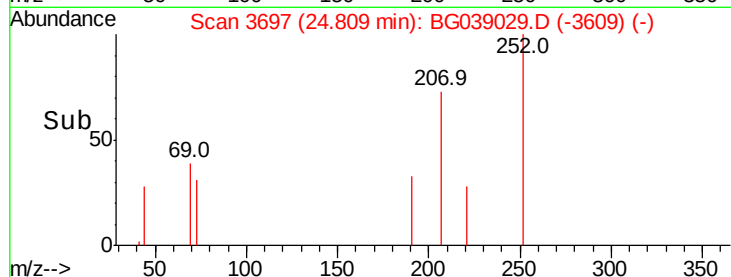
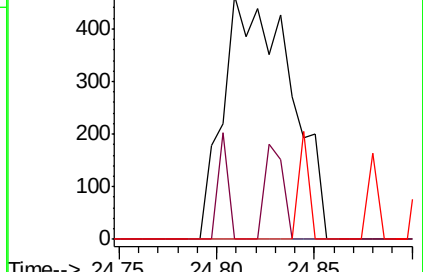
125 0.0 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.013 ng

RT: 29.92 min Scan# 4567

Delta R.T. -0.01 min

Lab File: BG039029.D

Acq: 9 Jan 2019 20:28

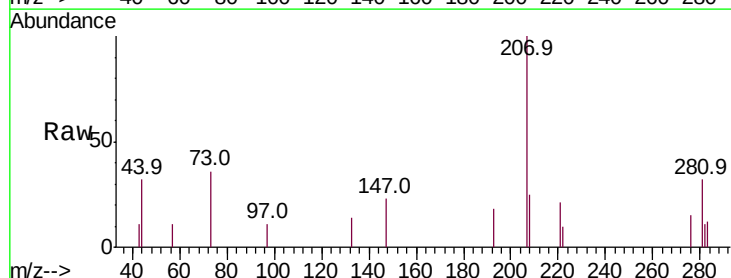
Tgt Ion:276 Resp: 137

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

