

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039037.D
 Acq On : 10 Jan 2019 1:42
 Operator : JU/SJ
 Sample : K1087-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:25:03 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	21058	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	89917	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67604	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	182663	20.00	ng	0.00
76) Chrysene-d12	21.70	240	183794	20.00	ng	0.00
87) Perylene-d12	24.97	264	195412	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	135629	122.18	ng	0.00
7) Phenol-d6	7.19	99	194655	121.85	ng	0.00
23) Nitrobenzene-d5	9.21	82	116972	71.18	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	124657	110.00	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	349154	70.68	ng	0.00
79) Terphenyl-d14	20.03	244	694186	69.87	ng	0.00

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.62	42	53	0.100	ng	# 1
6) Aniline	7.56	93	56	0.029	ng	# 1
9) Benzaldehyde	7.19	77	190	0.206	ng	# 1
10) Phenol	7.21	94	3078	1.922	ng	# 79
11) bis(2-Chloroethyl)ether	7.56	93	56	0.046	ng	# 1
15) Benzyl Alcohol	8.35	79	1707	1.419	ng	# 52
19) n-Nitroso-di-n-propylamine	9.21	70	15525	14.799	ng	# 64
24) Nitrobenzene	9.20	77	348	0.210	ng	# 38
25) Isophorone	9.36	82	109	0.039	ng	# 62
46) 1,1'-Biphenyl	13.49	154	381	0.071	ng	# 41
48) 2-Nitroaniline	14.12	65	708	0.583	ng	# 1
50) Dimethylphthalate	14.12	163	82501	14.441	ng	# 100
51) 2,6-Dinitrotoluene	14.12	165	976	0.764	ng	# 1
52) Acenaphthene	14.66	154	201	0.051	ng	# 6
57) 2,4-Dinitrotoluene	14.67	165	8930	4.873	ng	# 28
58) Fluorene	16.16	166	3495	0.672	ng	# 92
60) Diethylphthalate	15.47	149	64	0.011	ng	# 57
62) 4-Nitroaniline	16.18	138	55	0.041	ng	# 1
63) Azobenzene	16.15	77	515	0.112	ng	# 36
65) 4,6-Dinitro-2-methylphenol	16.17	198	328	0.242	ng	# 73
66) n-Nitrosodiphenylamine	16.17	169	3695	0.682	ng	# 46
67) 4-Bromophenyl-phenylether	16.16	248	7932	3.378	ng	# 1
71) Phenanthrene	17.46	178	1538	0.159	ng	# 96
72) Anthracene	17.46	178	1538	0.161	ng	# 95
74) Di-n-butylphthalate	18.36	149	55	0.005	ng	# 77
75) Fluoranthene	19.47	202	3268	0.273	ng	# 95
77) Benzidine	20.02	184	10477	1.864	ng	# 92
78) Pyrene	19.47	202	3268	0.279	ng	# 96
81) Benzo(a)anthracene	21.67	228	1922	0.172	ng	# 71
83) Chrysene	21.74	228	1948	0.183	ng	# 84
84) Bis(2-ethylhexyl)phthalate	21.54	149	54	0.009	ng	# 49
85) Di-n-octyl phthalate	22.66	149	57	0.005	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.73	276	434	0.034	ng	# 56
88) Benzo(b)fluoranthene	23.93	252	1795	0.167	ng	# 53

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Quant Time: Jan 10 04:25:03 2019
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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

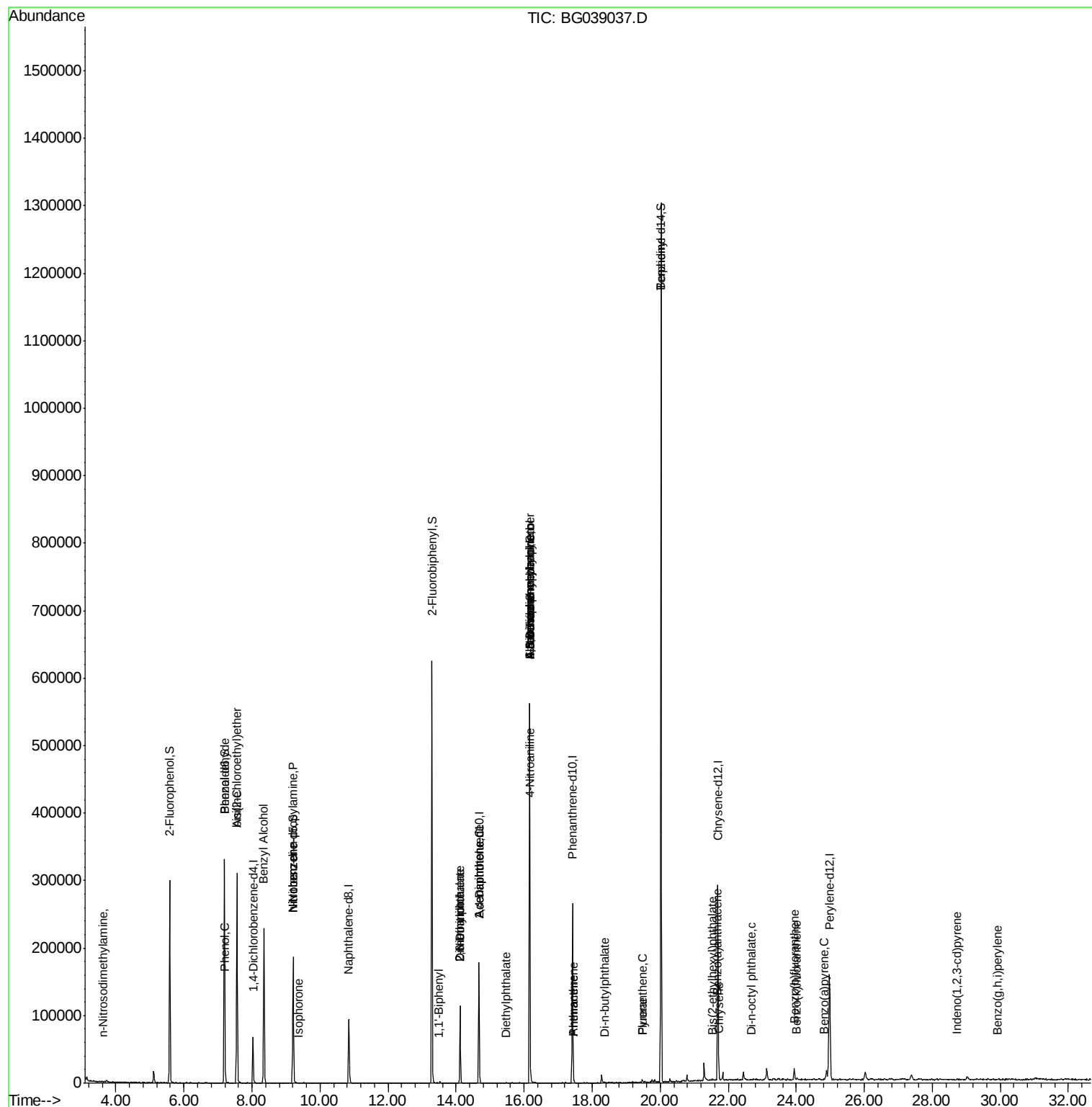
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	24.00	252	449	0.042	ng	# 61
90) Benzo(a)pyrene	24.82	252	1382	0.133	ng	# 66
92) Benzo(q,h,i)perylene	29.93	276	125	0.012	ng	# 56

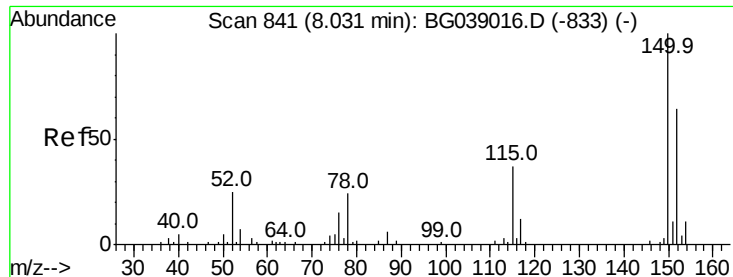
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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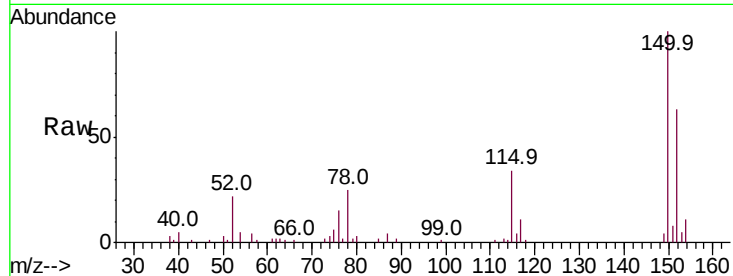


#1

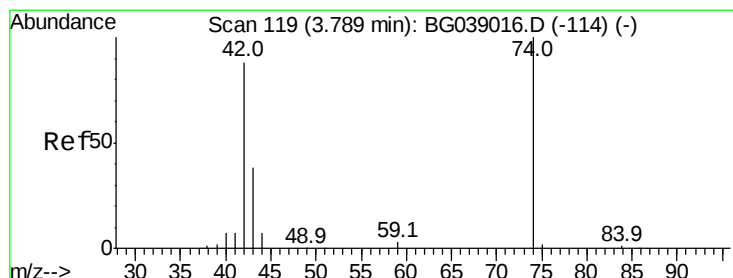
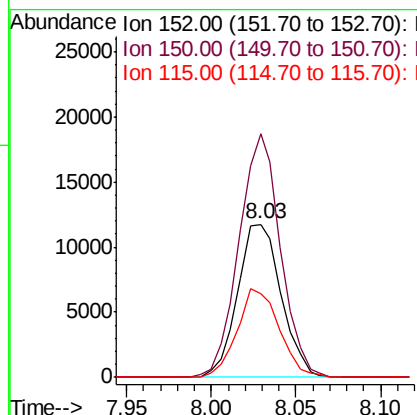
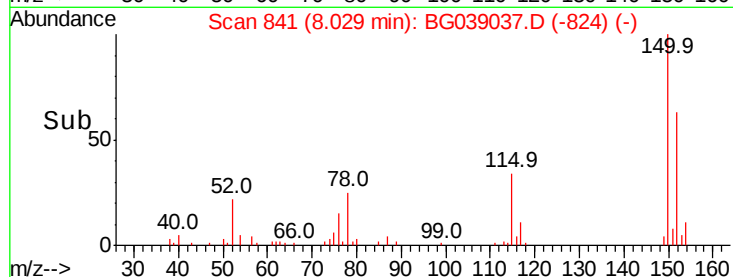
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 21058
Ion Ratio Lower Upper
152 100
150 159.4 124.7 187.1
115 54.5 46.5 69.7



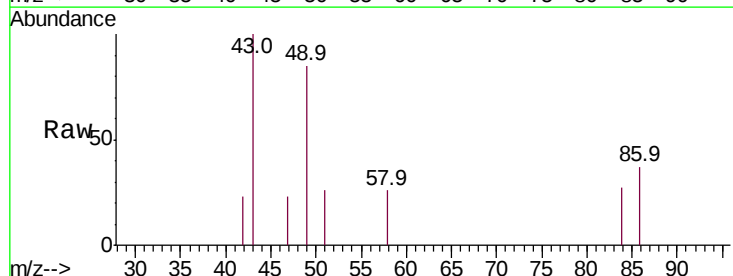
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



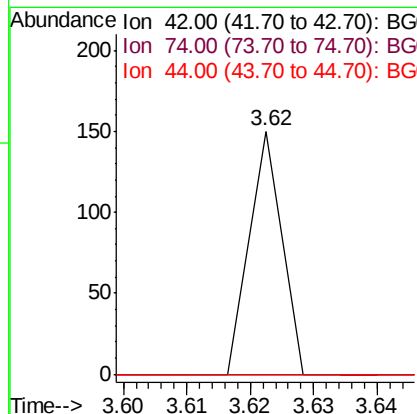
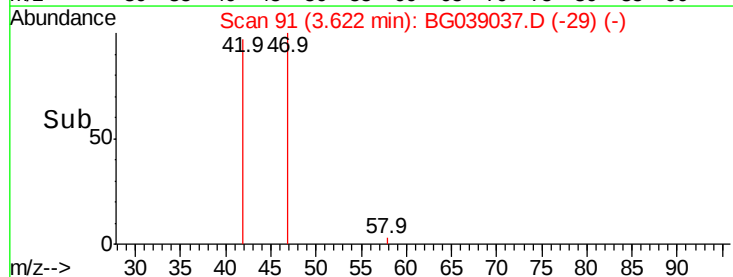
#4

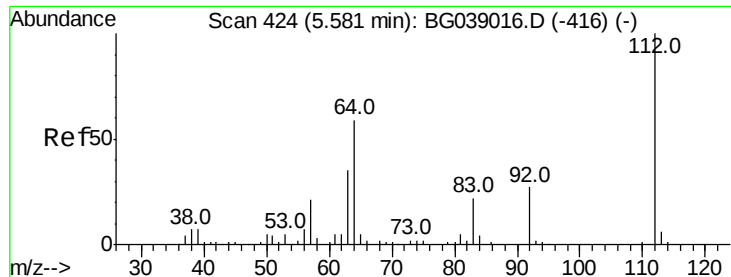
n-Nitrosodimethylamine
Concen: 0.100 ng
RT: 3.62 min Scan# 91
Delta R.T. -0.17 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion: 42 Resp: 53
Ion Ratio Lower Upper
42 100
74 0.0 90.7 136.1#
44 0.0 6.5 9.7#



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





#5

2-Fluorophenol

Concen: 122.180 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Instrument :

BNA_G

ClientSampleId :

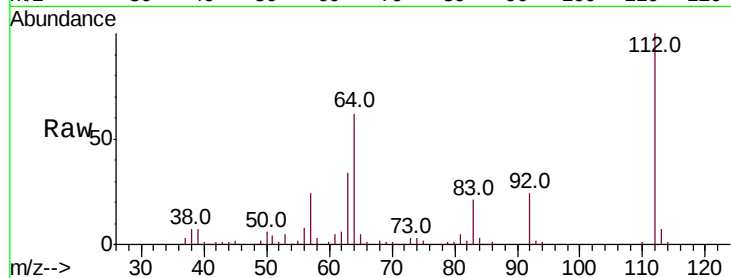
Tot Ion:112 Resp: 135629

Ion Ratio Lower Upper

112 100

64 62.5 47.0 70.6

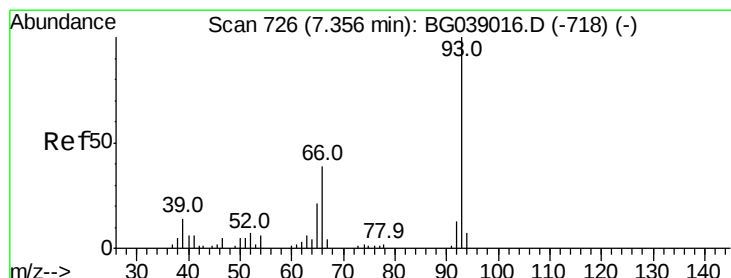
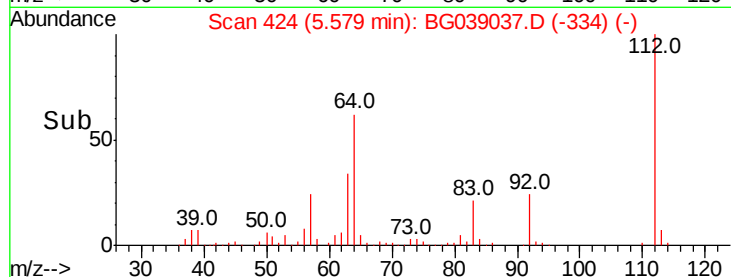
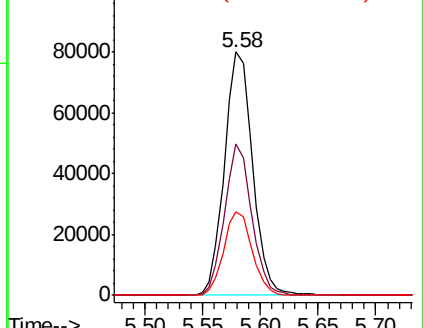
63 34.4 28.0 42.0



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: 0.029 ng

RT: 7.56 min Scan# 762

Delta R.T. 0.21 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

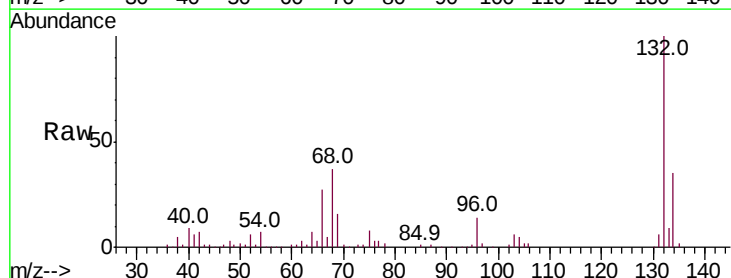
Tgt Ion: 93 Resp: 56

Ion Ratio Lower Upper

93 100

66 12405.1 30.9 46.3#

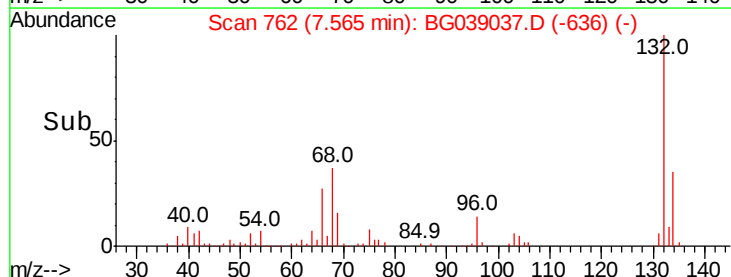
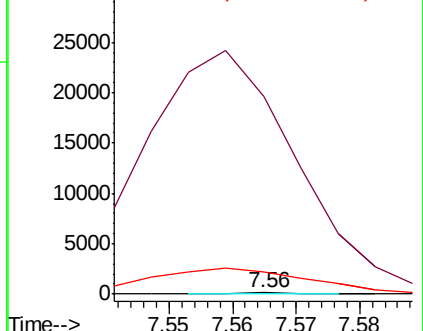
65 1432.9 17.0 25.4#

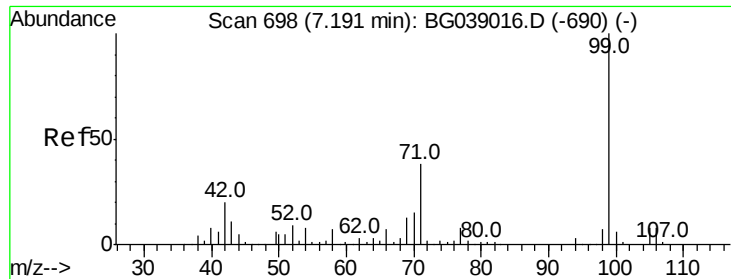


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.846 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Instrument :

BNA_G

ClientSampled :

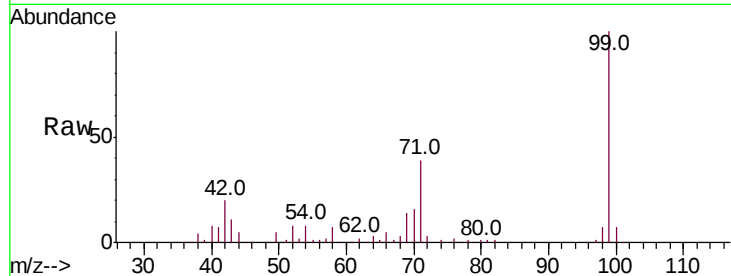
Tot Ion: 99 Resp: 194655

Ion Ratio Lower Upper

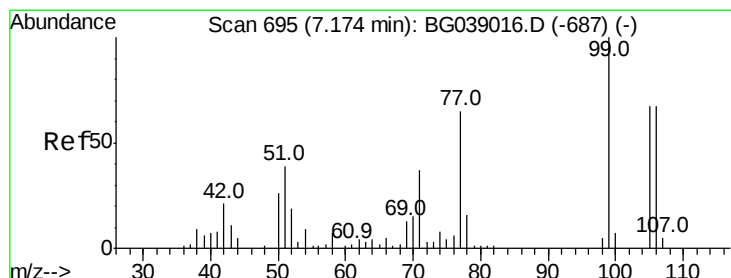
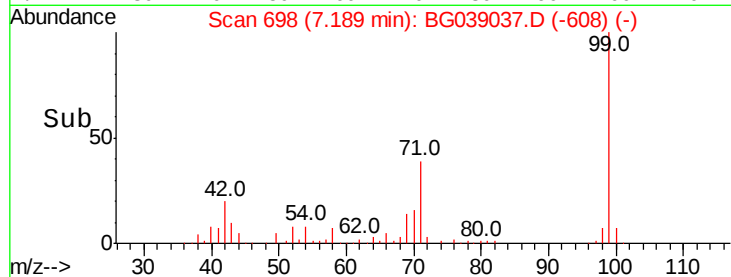
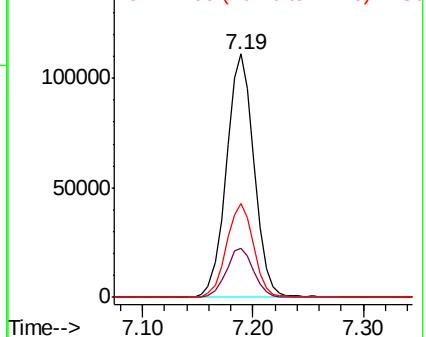
99 100

42 20.3 15.8 23.6

71 38.6 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
150000 Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 0.206 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.02 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

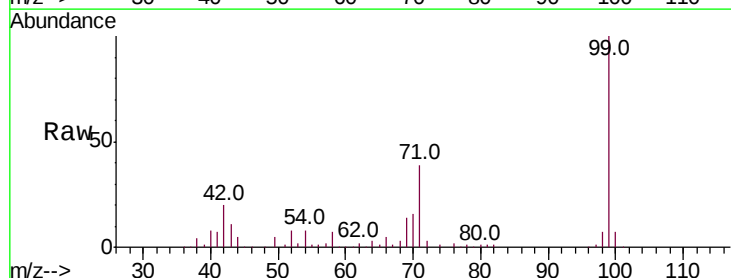
Tgt Ion: 77 Resp: 190

Ion Ratio Lower Upper

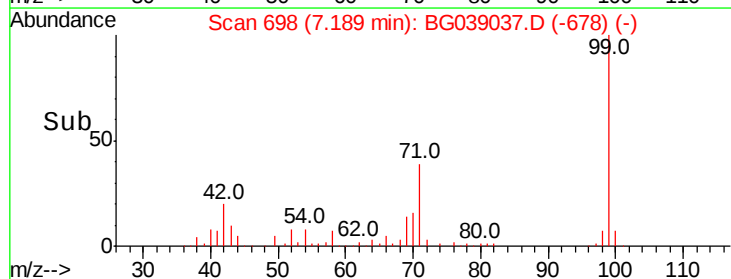
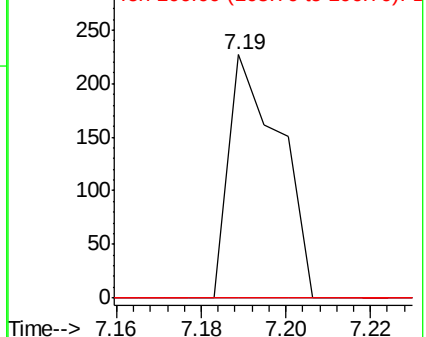
77 100

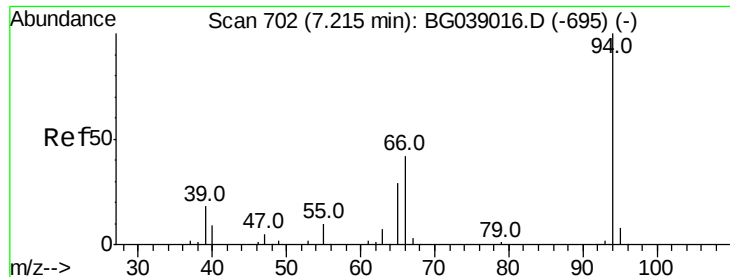
105 0.0 82.4 122.4#

106 0.0 82.8 122.8#



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





#10

Phenol

Concen: 1.922 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Instrument :

BNA_G

ClientSampled :

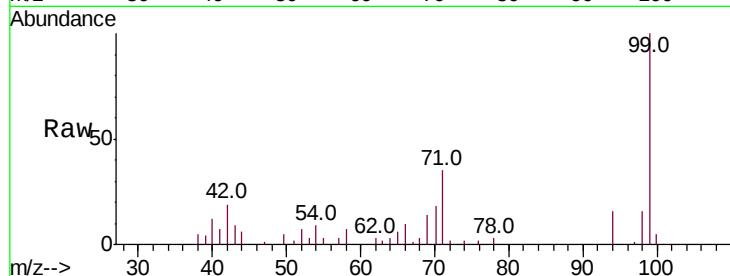
Tot Ion: 94 Resp: 3078

Ion Ratio Lower Upper

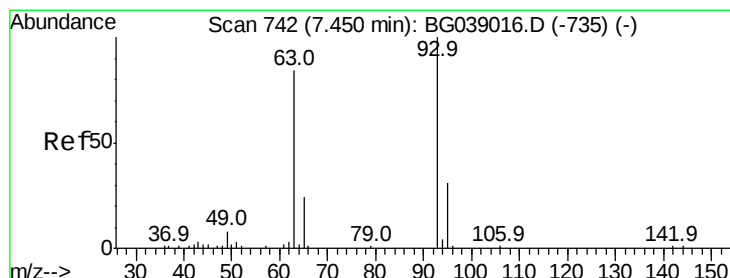
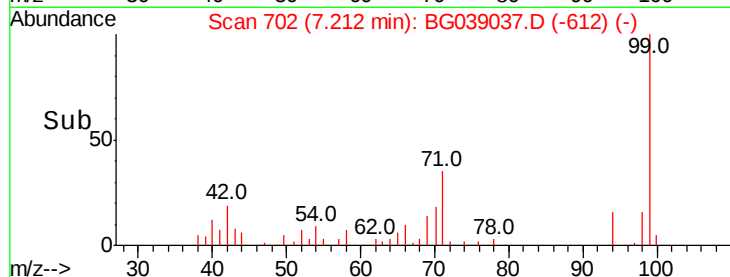
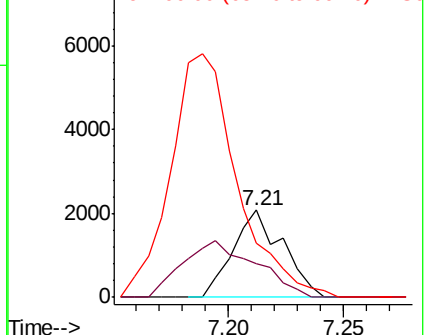
94 100

65 38.1 10.3 50.3

66 61.8 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 0.046 ng

RT: 7.56 min Scan# 762

Delta R.T. 0.12 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

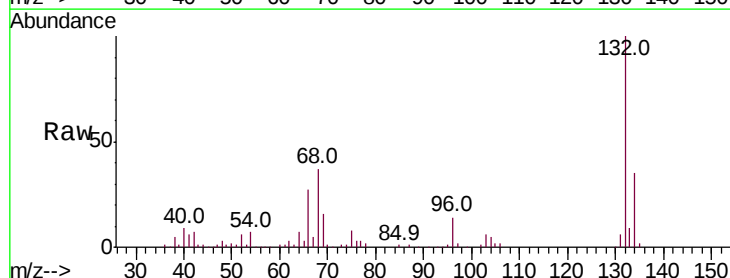
Tgt Ion: 93 Resp: 56

Ion Ratio Lower Upper

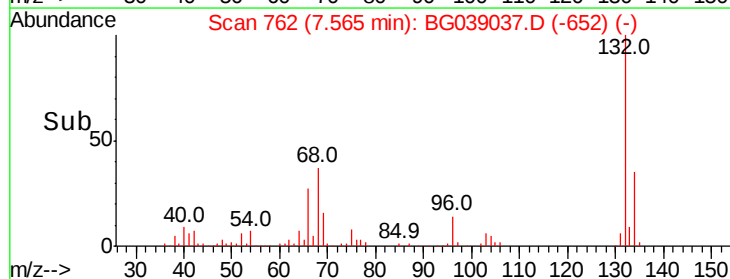
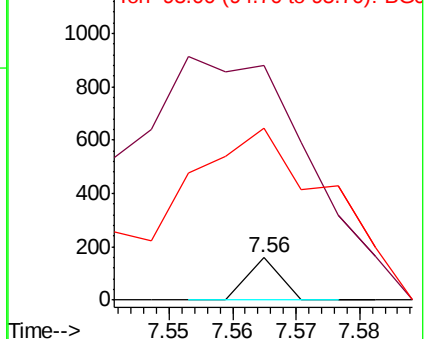
93 100

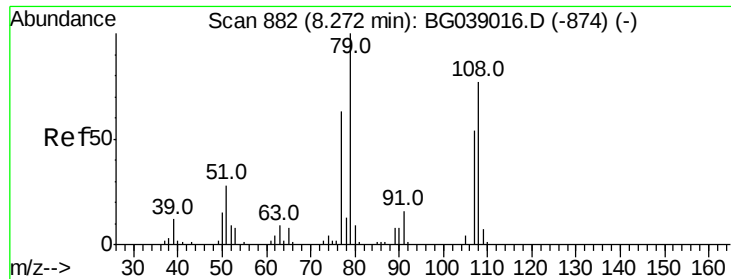
63 557.0 63.2 103.2#

95 409.5 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: 1.419 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Instrument :

BNA_G

ClientSampleId :

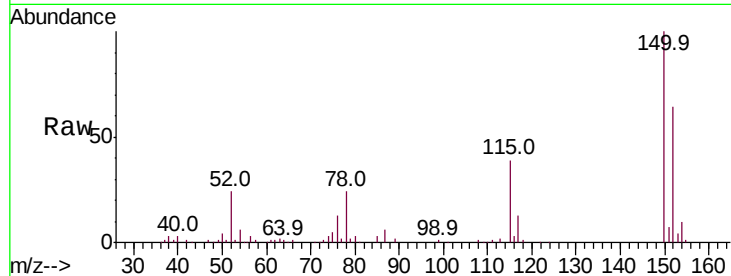
Tot Ion: 79 Resp: 1707

Ion Ratio Lower Upper

79 100

108 56.0 62.0 93.0#

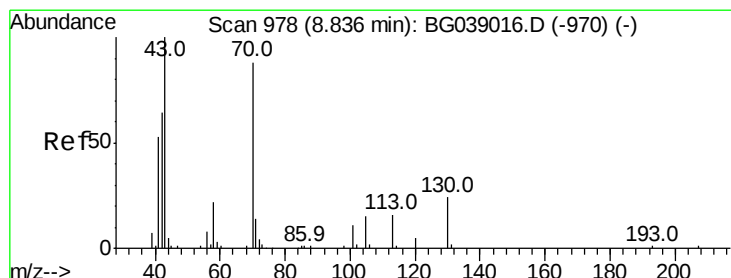
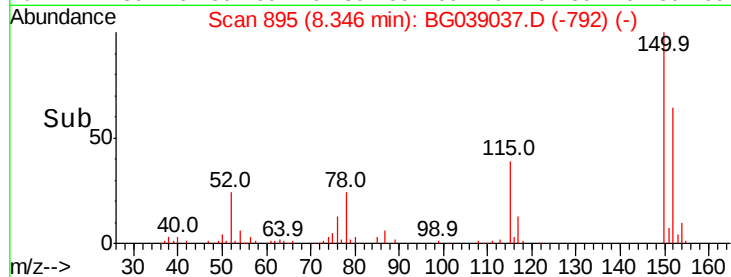
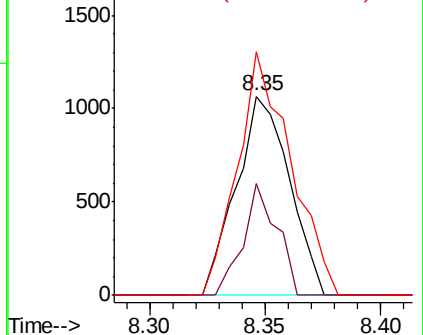
77 122.4 50.1 75.1#



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: 14.799 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.37 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Tgt Ion: 70 Resp: 15525

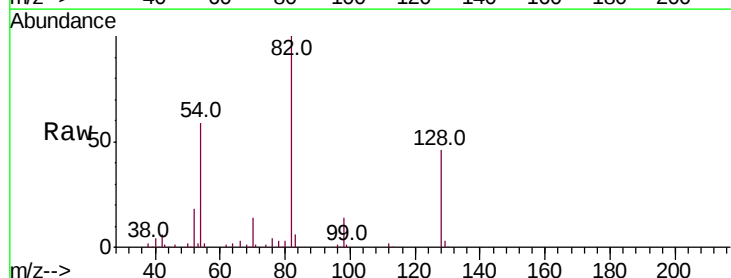
Ion Ratio Lower Upper

70 100

42 47.0 59.0 88.4#

101 0.0 10.4 15.6#

130 2.0 21.6 32.4#

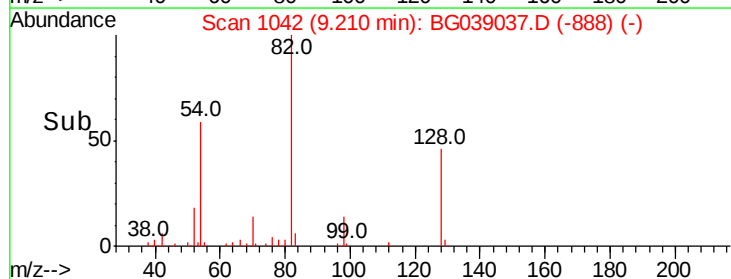
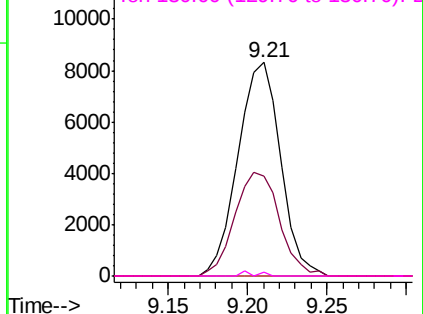


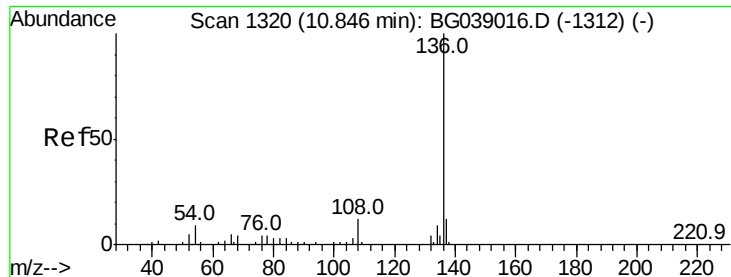
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

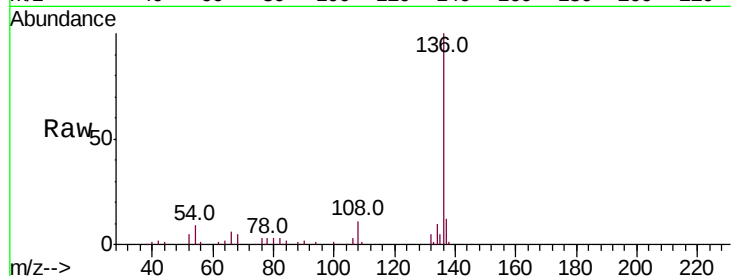




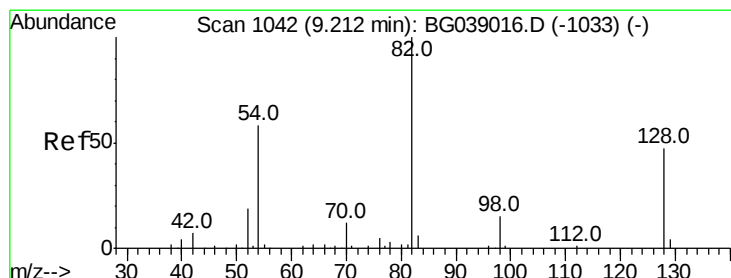
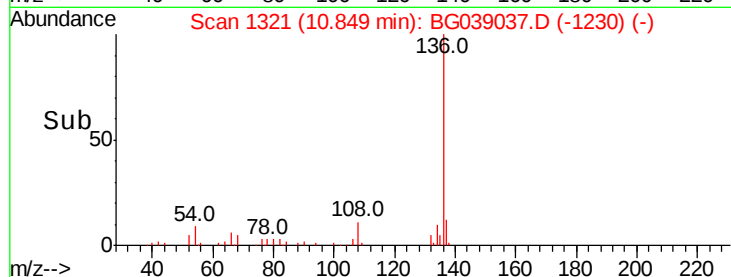
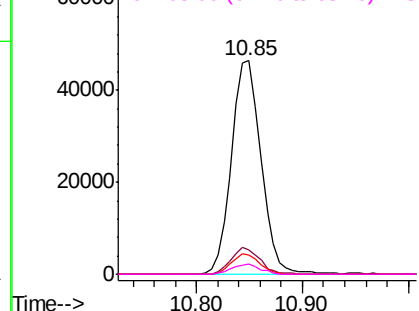
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	89917
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.4 14.2
54	8.7	7.2 10.8
68	4.6	3.5 5.3

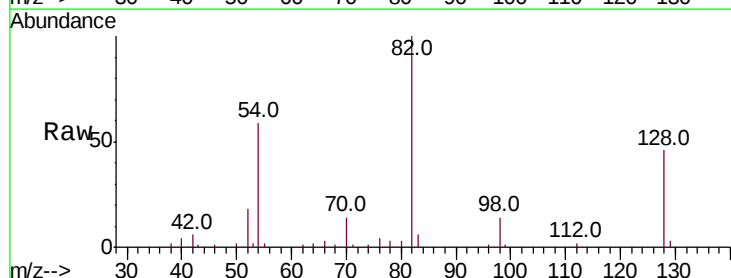


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

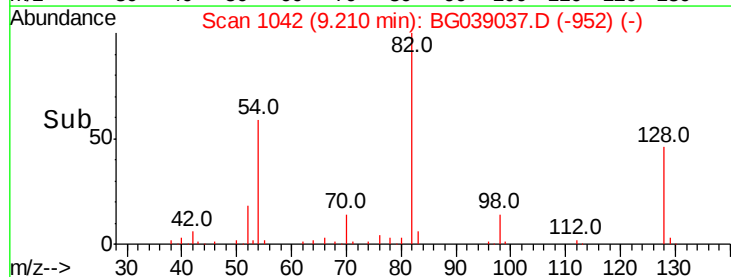
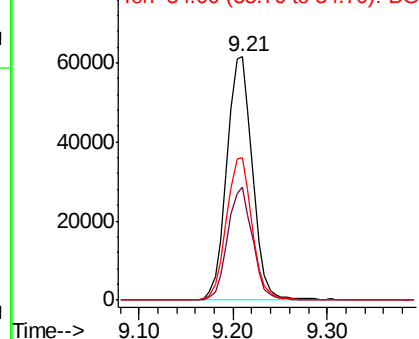


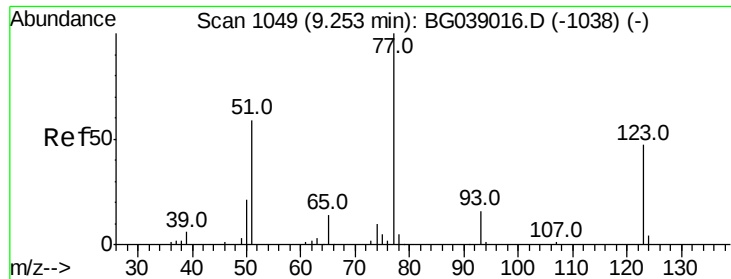
#23
Nitrobenzene-d5
Concen: 71.184 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion: 82	Resp:	116972
Ion Ratio	Lower	Upper
82	100	
128	46.2	37.3 55.9
54	58.7	46.4 69.6



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

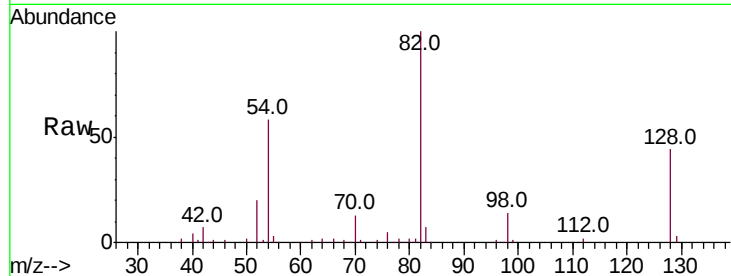




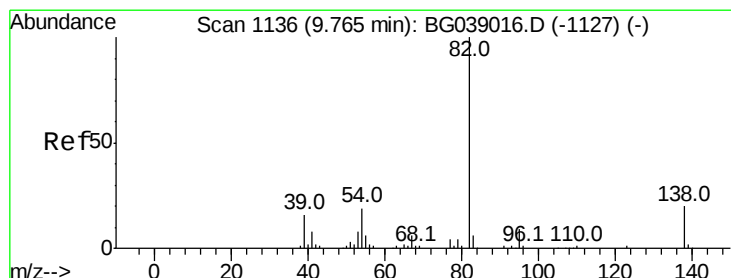
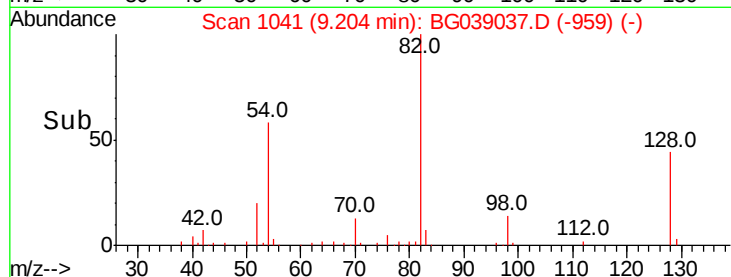
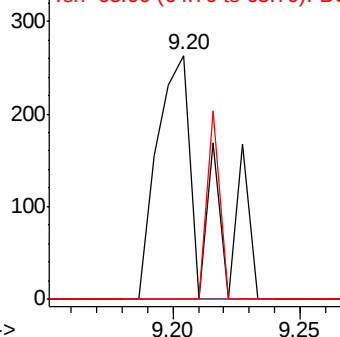
#24
Nitrobenzene
Concen: 0.210 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.05 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 348
Ion Ratio Lower Upper
77 100
123 0.0 37.6 56.4#
65 0.0 11.0 16.6#

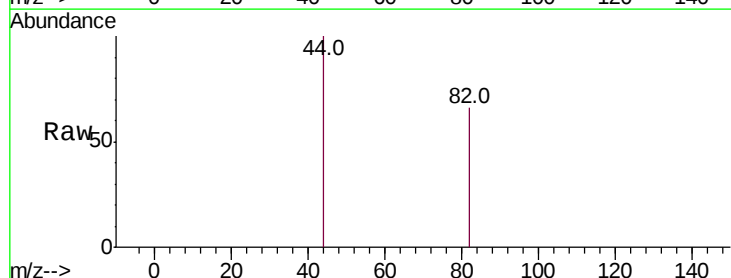


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

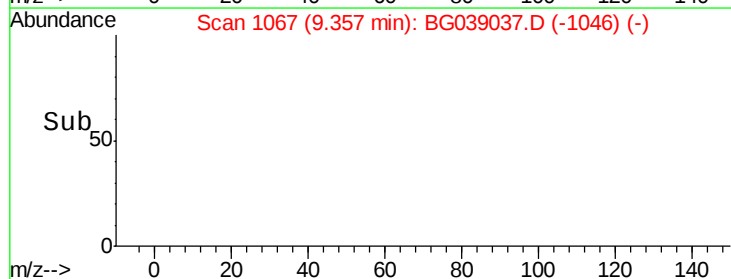
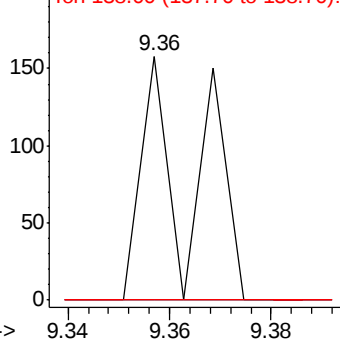


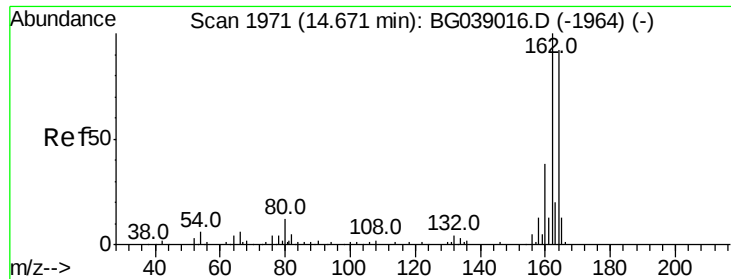
#25
Isophorone
Concen: 0.039 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.41 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion: 82 Resp: 109
Ion Ratio Lower Upper
82 100
95 0.0 7.0 10.6#
138 0.0 16.2 24.4#



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

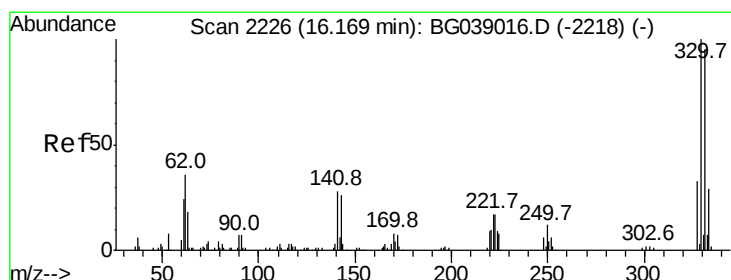
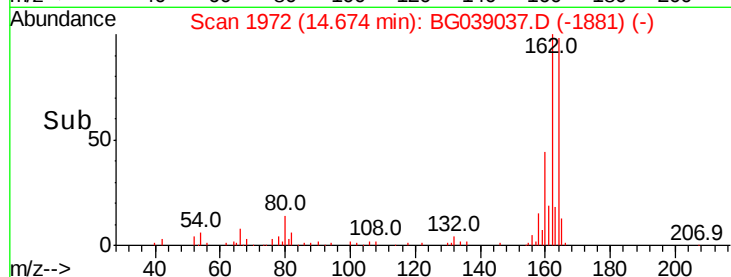
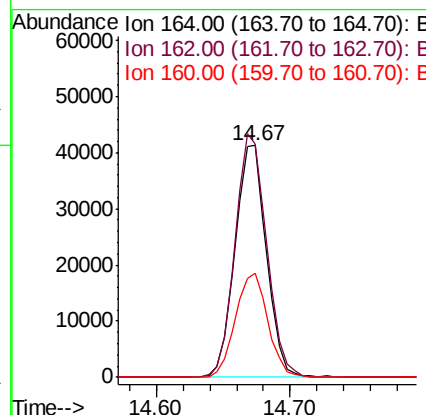
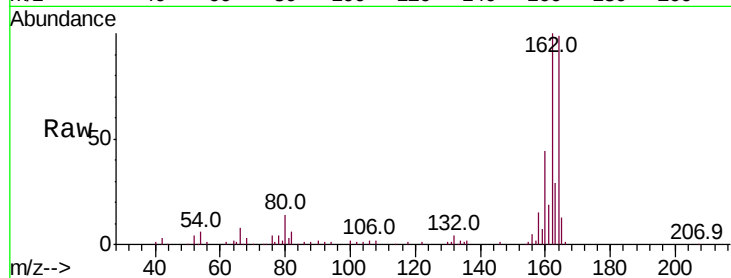




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

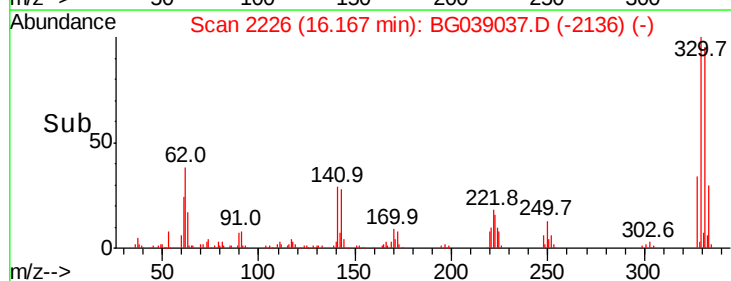
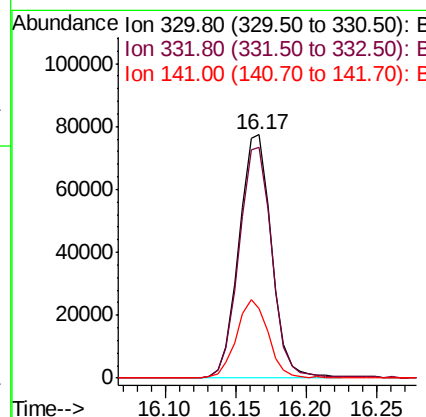
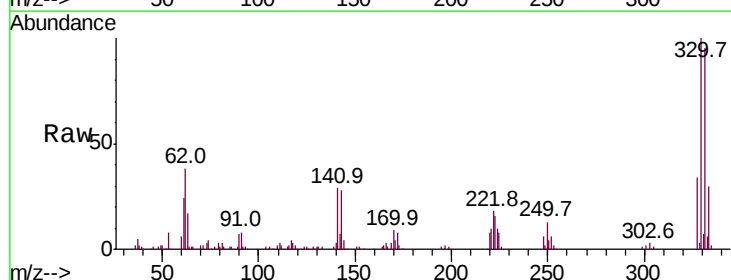
Instrument :
BNA_G
ClientSampleId :

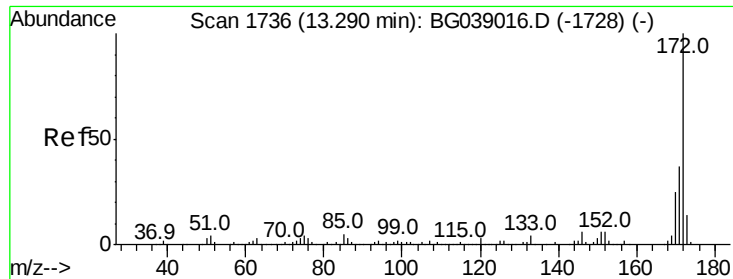
Tot Ion:164 Resp: 67604
Ion Ratio Lower Upper
164 100
162 100.9 87.2 130.8
160 44.8 33.3 49.9



#42
2,4,6-Tribromophenol
Concen: 110.002 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:330 Resp: 124657
Ion Ratio Lower Upper
330 100
332 96.6 75.7 113.5
141 31.6 24.9 37.3

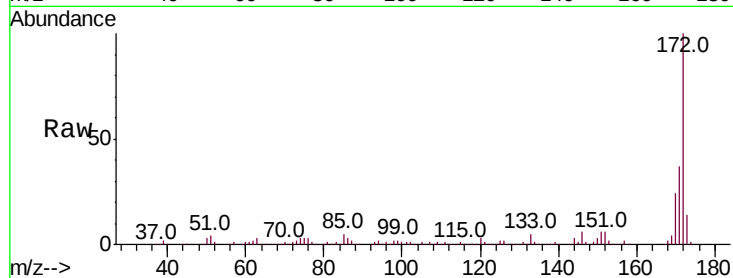




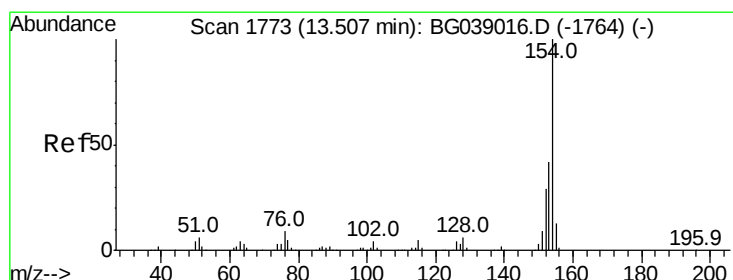
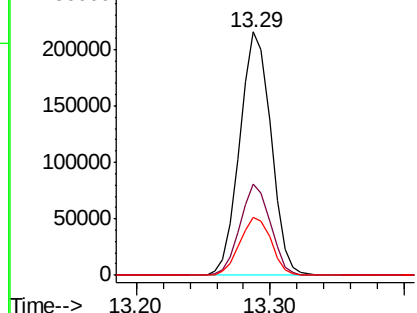
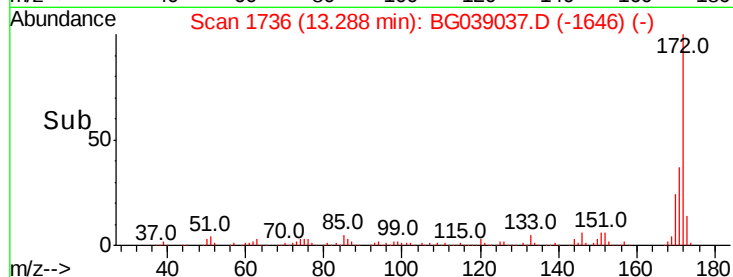
#45
2-Fluorobiphenyl
Concen: 70.682 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 349154
Ion Ratio Lower Upper
172 100
171 37.5 29.4 44.0
170 23.6 20.1 30.1

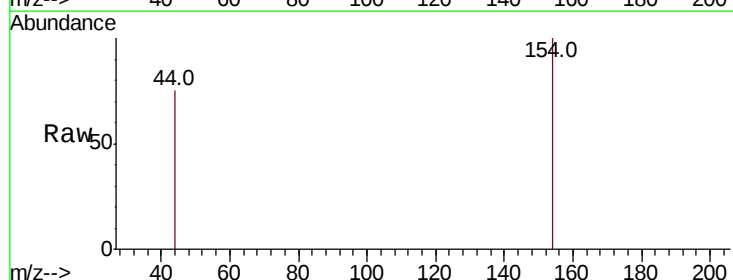


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

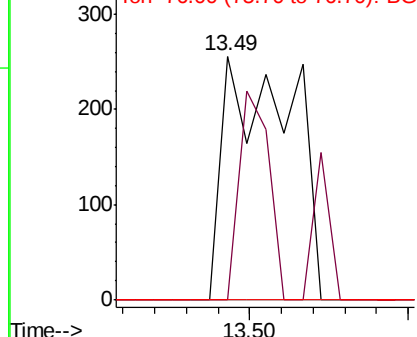
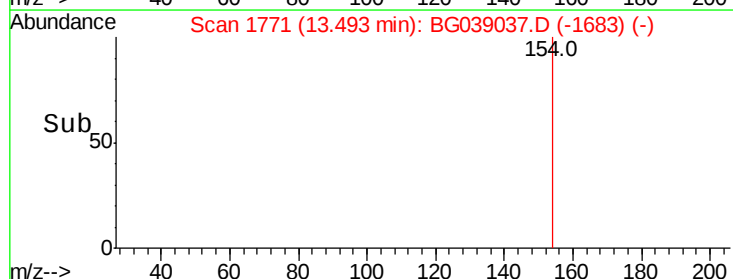


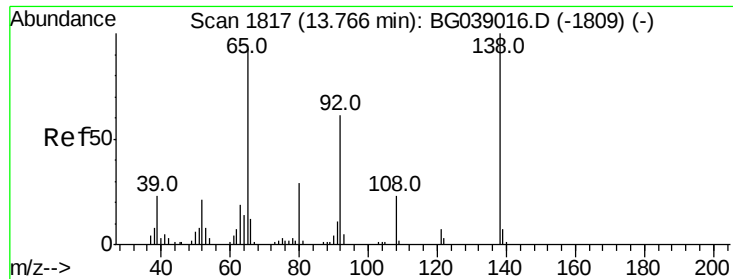
#46
1,1'-Biphenyl
Concen: 0.071 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:154 Resp: 381
Ion Ratio Lower Upper
154 100
153 0.0 22.4 62.4#
76 0.0 0.0 29.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

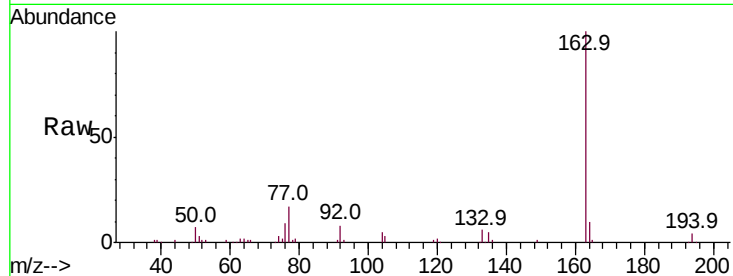




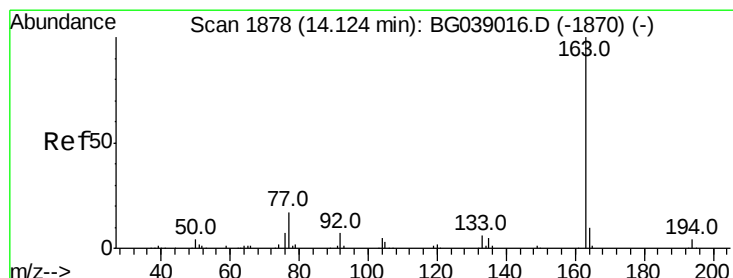
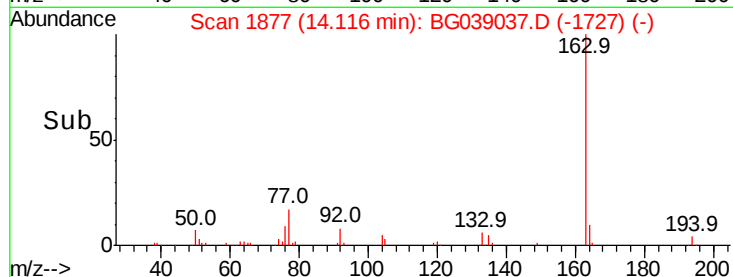
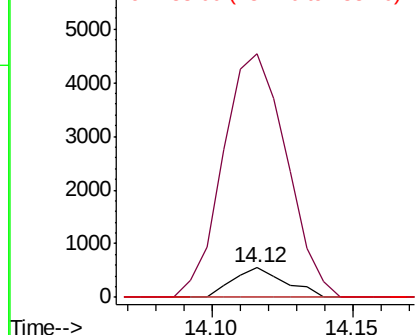
#48
2-Nitroaniline
Concen: 0.583 ng
RT: 14.12 min Scan# 1877
Delta R.T. 0.35 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 708
Ion Ratio Lower Upper
65 100
92 817.8 52.2 78.4#
138 0.0 86.0 129.0#

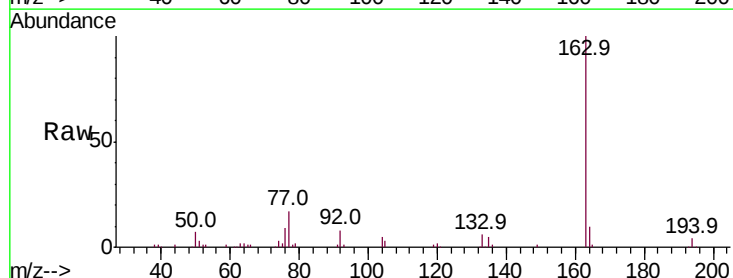


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

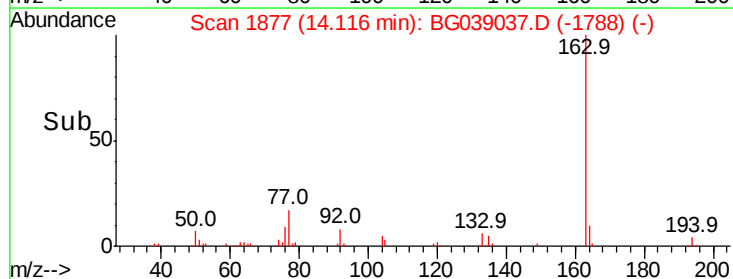
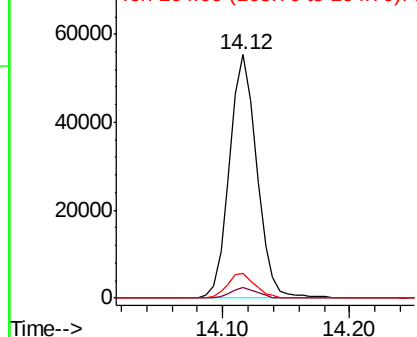


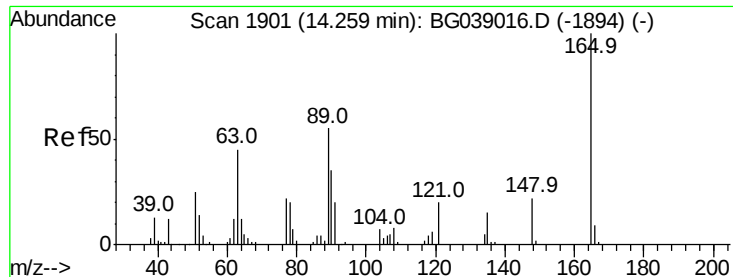
#50
Dimethylphthalate
Concen: 14.441 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:163 Resp: 82501
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.0 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: 0.764 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.14 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Instrument :

BNA_G

ClientSampled :

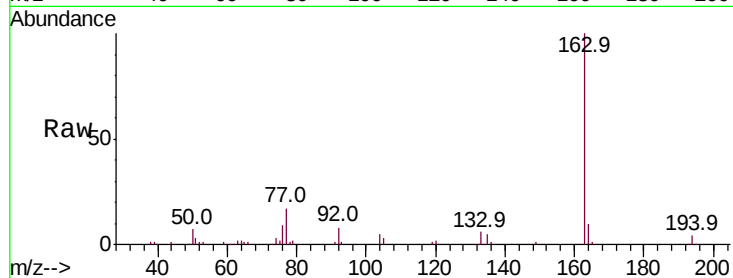
Tot Ion:165 Resp: 976

Ion Ratio Lower Upper

165 100

63 154.3 43.6 65.4#

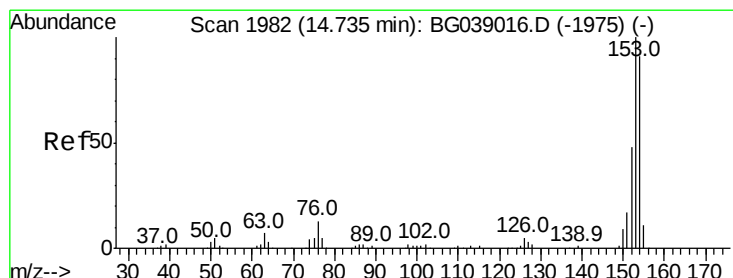
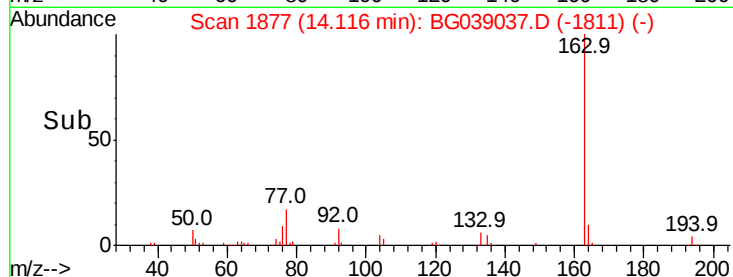
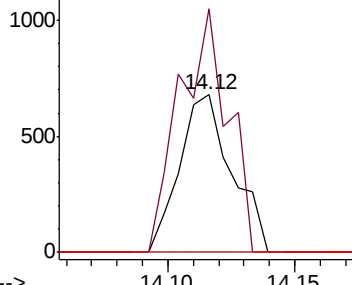
89 0.0 43.7 65.5#



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: 0.051 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.07 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

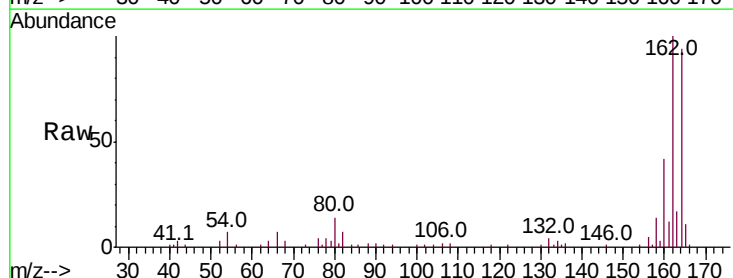
Tgt Ion:154 Resp: 201

Ion Ratio Lower Upper

154 100

153 0.0 87.9 131.9#

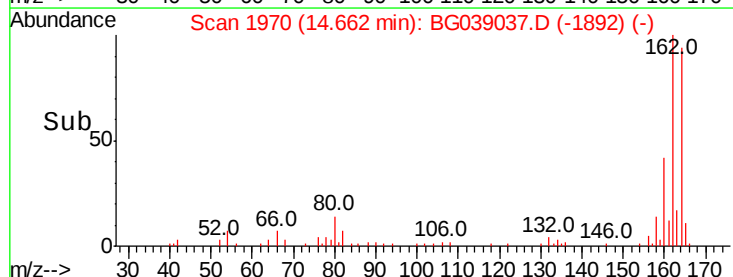
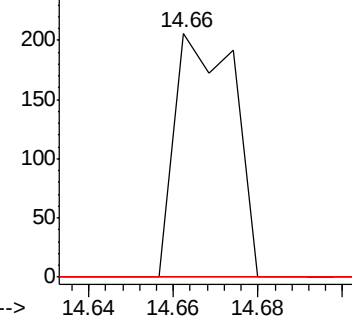
152 0.0 42.2 63.2#

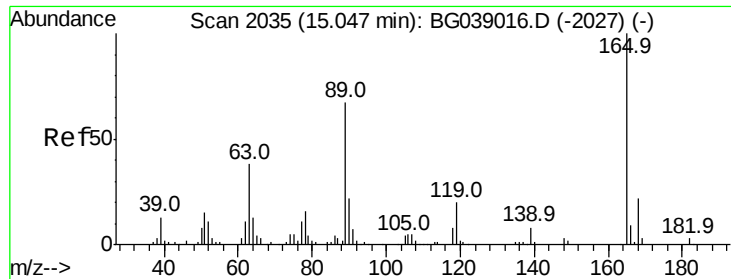


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

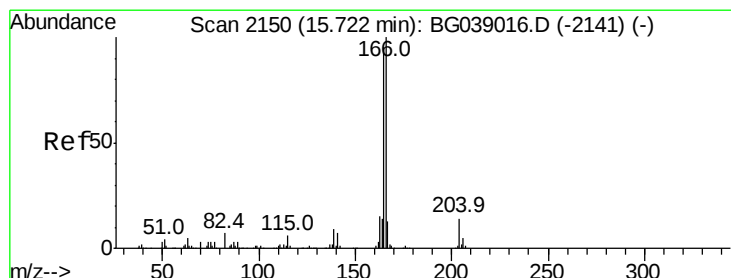
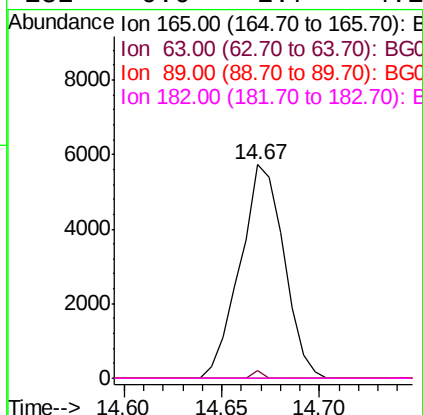
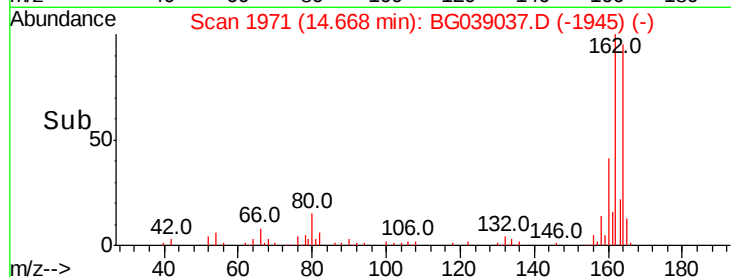
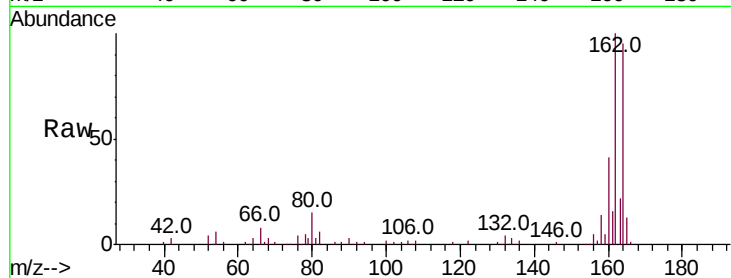




#57
2,4-Dinitrotoluene
Concen: 4.873 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.38 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

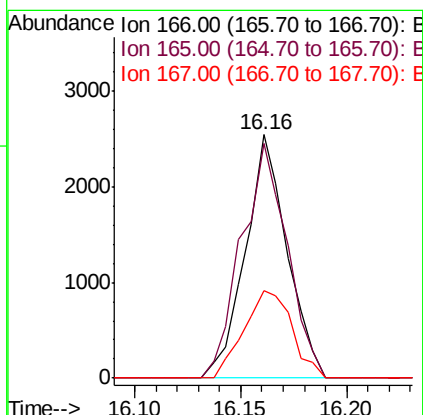
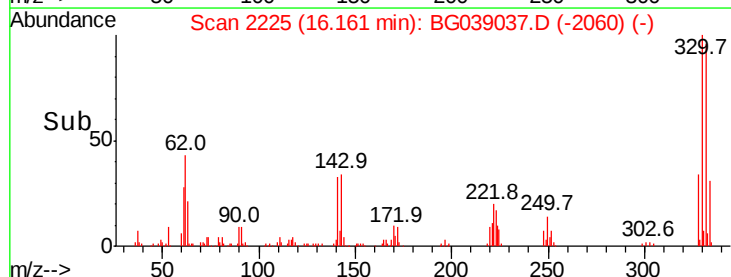
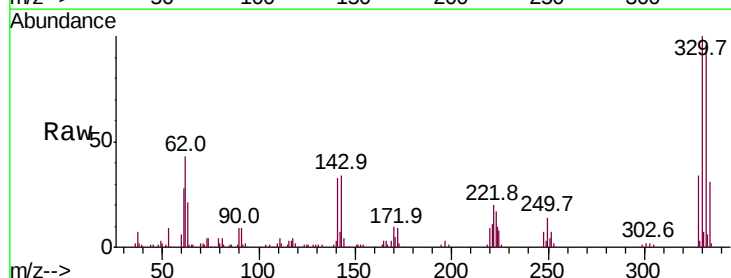
Instrument :
BNA_G
ClientSampleId :

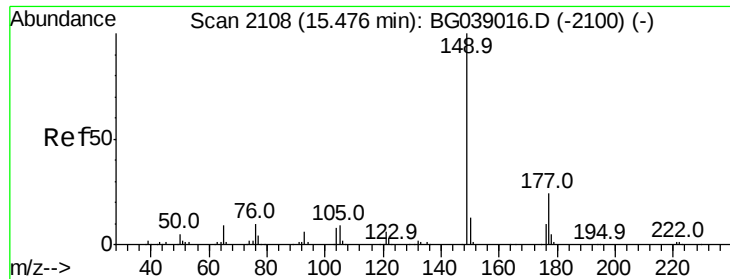
Tot Ion:165 Resp: 8930
Ion Ratio Lower Upper
165 100
63 3.4 30.2 45.4#
89 0.0 53.2 79.8#
182 0.0 2.7 4.1#



#58
Fluorene
Concen: 0.672 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.44 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:166 Resp: 3495
Ion Ratio Lower Upper
166 100
165 96.2 76.2 114.2
167 36.0 10.6 16.0#

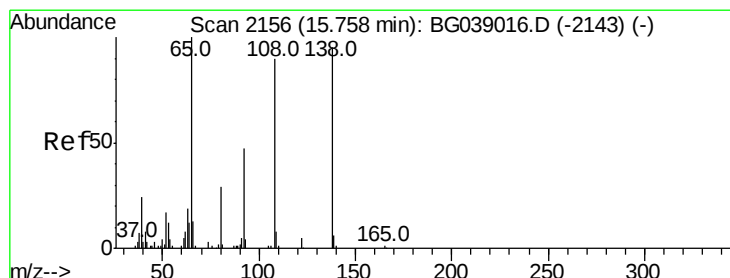
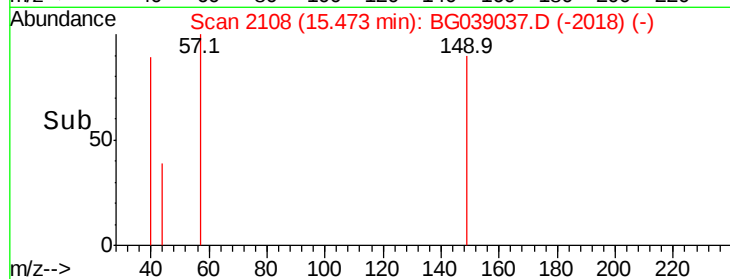
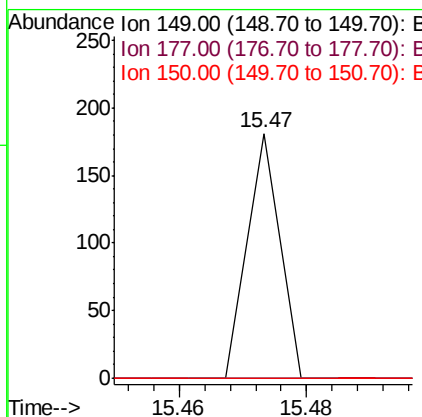
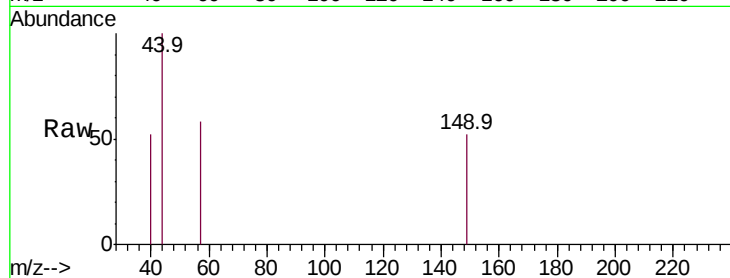




#60
Diethylphthalate
Concen: 0.011 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

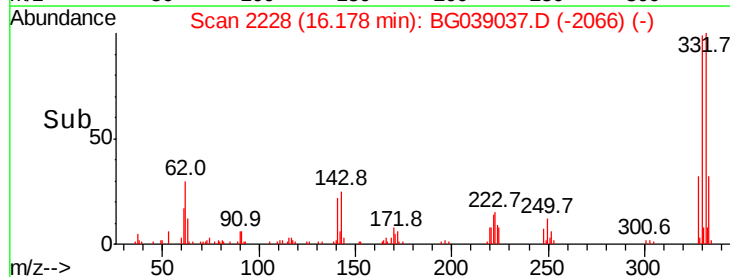
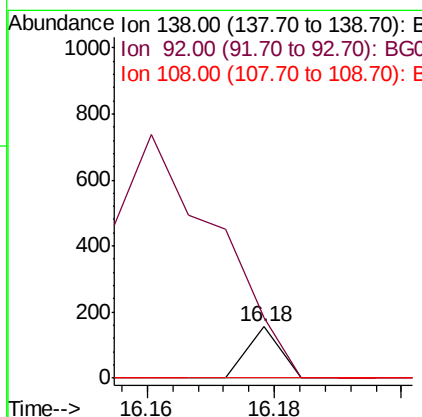
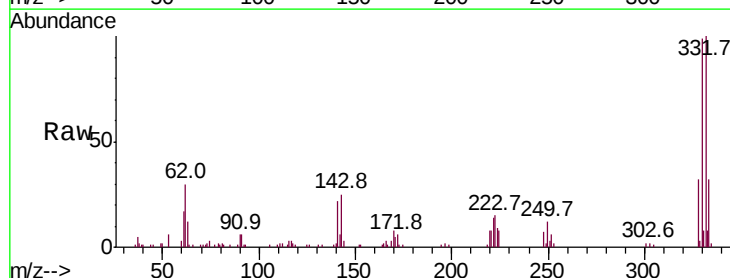
Instrument :
BNA_G
ClientSampled :

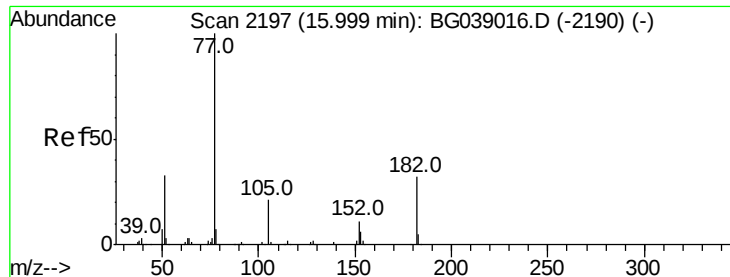
Tot Ion:149 Resp: 64
Ion Ratio Lower Upper
149 100
177 0.0 19.0 28.6#
150 0.0 10.2 15.4#



#62
4-Nitroaniline
Concen: 0.041 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.42 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
92 119.4 29.7 69.7#
108 0.0 75.7 115.7#





#63

Azobenzene

Concen: 0.112 ng

RT: 16.15 min Scan# 2224

Delta R.T. 0.16 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 515

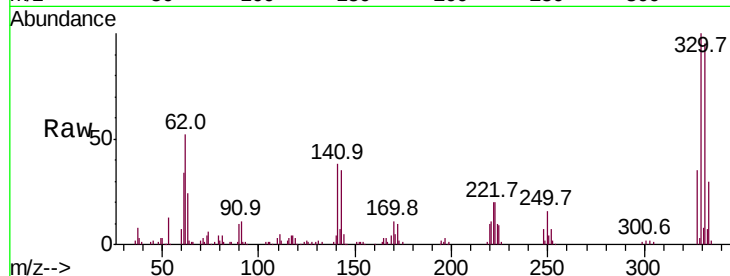
Ion Ratio Lower Upper

77 100

182 0.0 12.2 52.2#

105 70.0 1.2 41.2#

51 58.4 13.4 53.4#

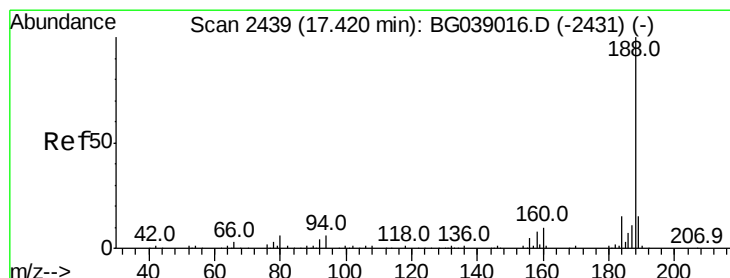
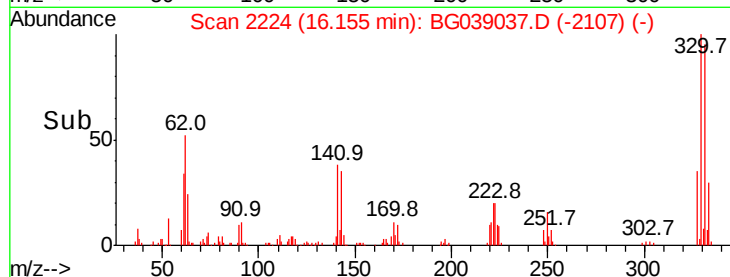
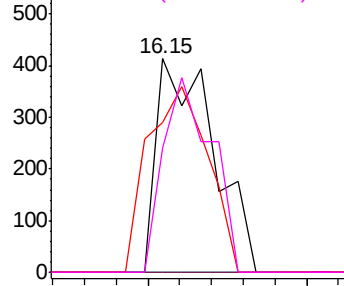


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

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: BG039037.D

Acq: 10 Jan 2019 1:42

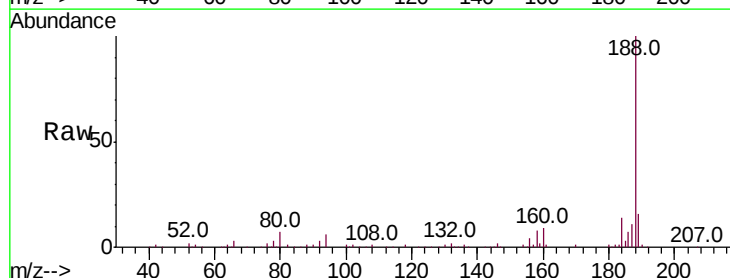
Tgt Ion: 188 Resp: 182663

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

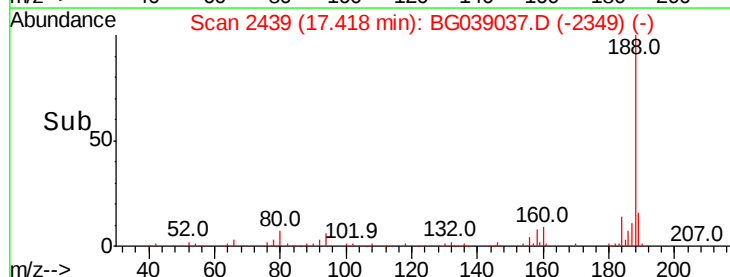
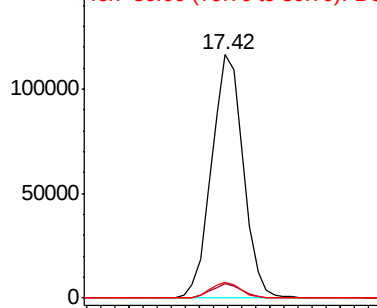
80 6.7 4.7 7.1

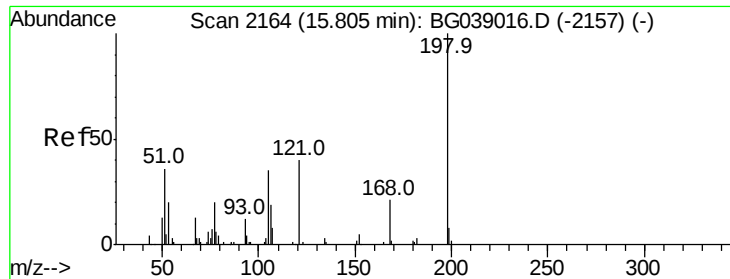


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

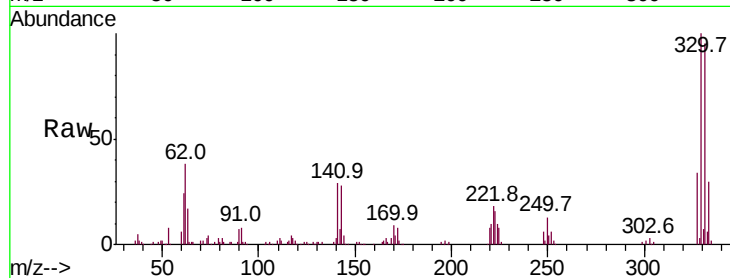




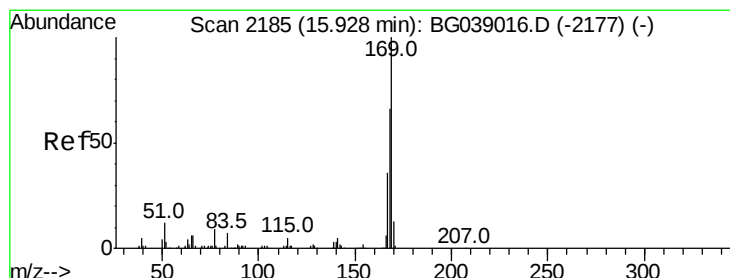
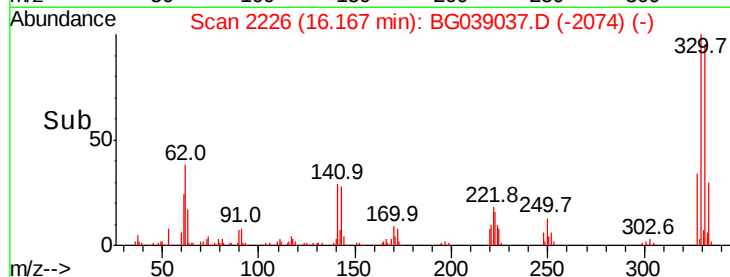
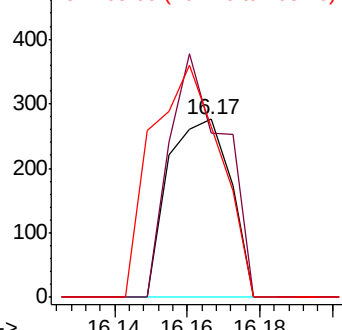
#65
4,6-Dinitro-2-methylphenol
Concen: 0.242 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.36 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 328
Ion Ratio Lower Upper
198 100
51 21.9 20.8 60.8
105 22.7 16.1 56.1

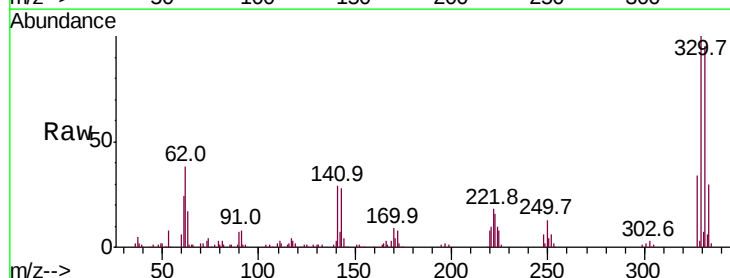


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

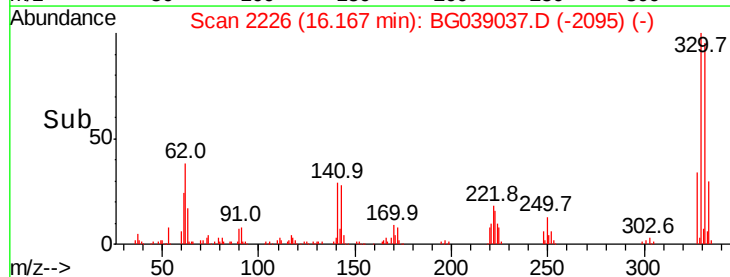
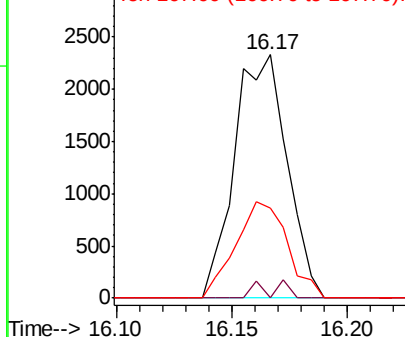


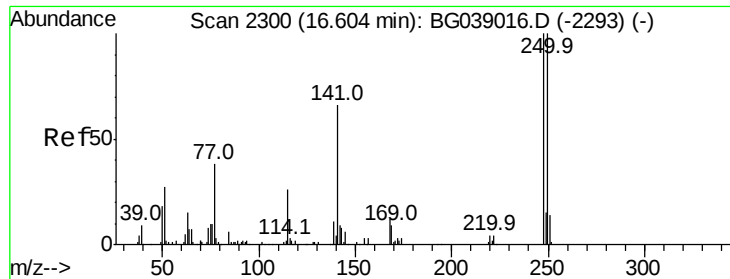
#66
n-Nitrosodiphenylamine
Concen: 0.682 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.24 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:169 Resp: 3695
Ion Ratio Lower Upper
169 100
168 0.0 53.2 79.8#
167 37.0 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

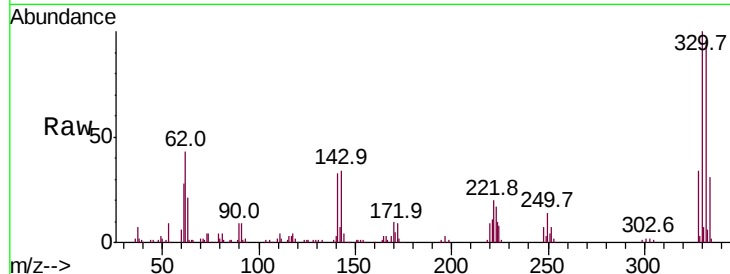




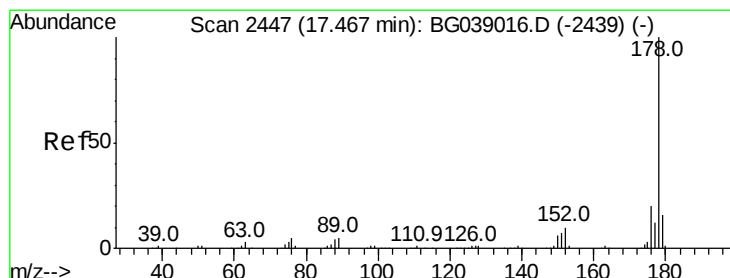
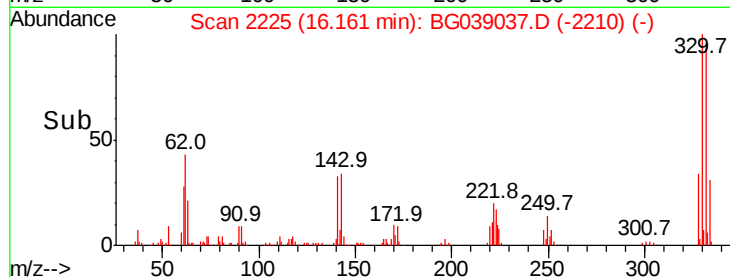
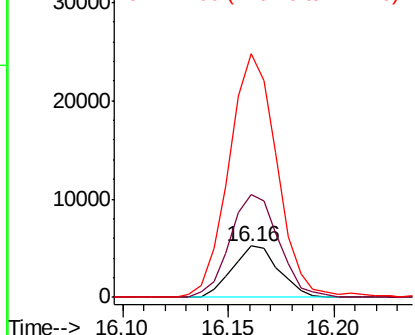
#67
 4-Bromophenyl-phenylether
 Concen: 3.378 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG039037.D
 Acq: 10 Jan 2019 1:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 7932
 Ion Ratio Lower Upper
 248 100
 250 188.7 79.9 119.9#
 141 349.0 52.7 79.1#

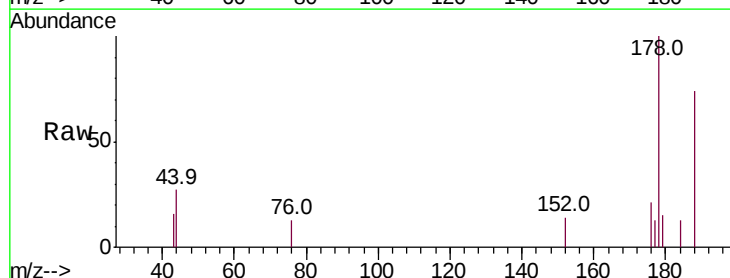


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

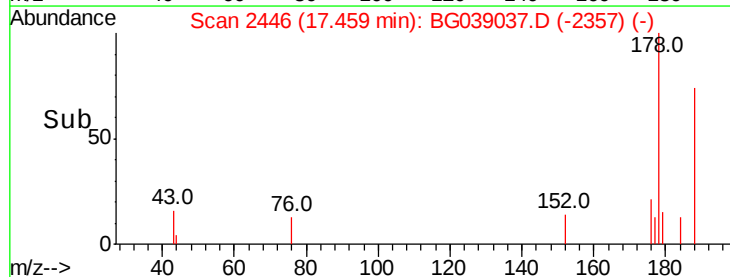
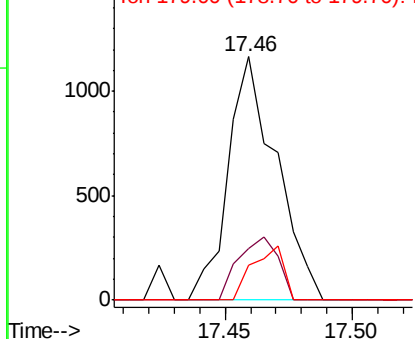


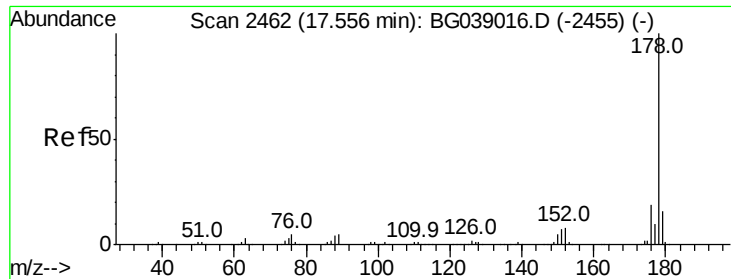
#71
 Phenanthrene
 Concen: 0.159 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG039037.D
 Acq: 10 Jan 2019 1:42

Tgt Ion:178 Resp: 1538
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.7 23.5
 179 14.6 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

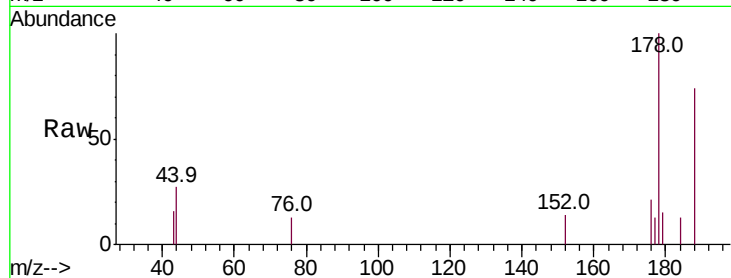




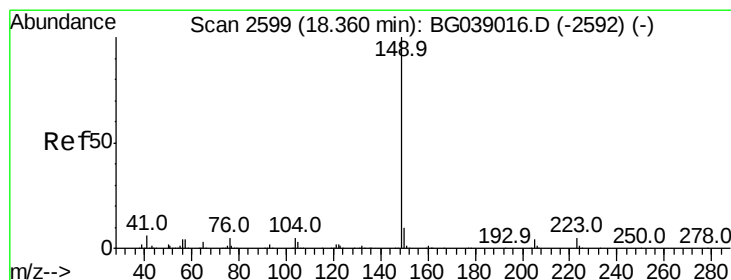
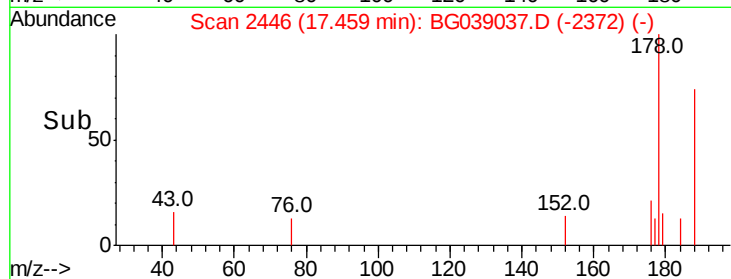
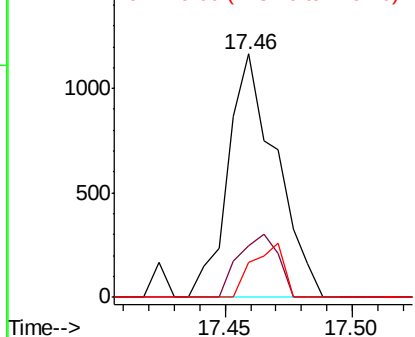
#72
 Anthracene
 Concen: 0.161 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.10 min
 Lab File: BG039037.D
 Acq: 10 Jan 2019 1:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1538
 Ion Ratio Lower Upper
 178 100
 176 21.4 14.9 22.3
 179 14.6 13.0 19.4

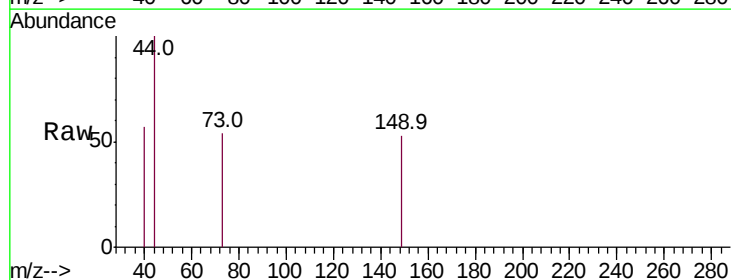


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

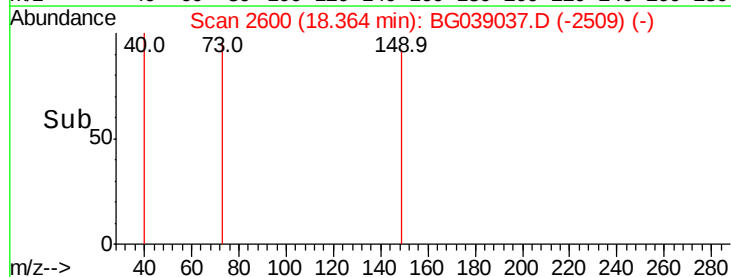
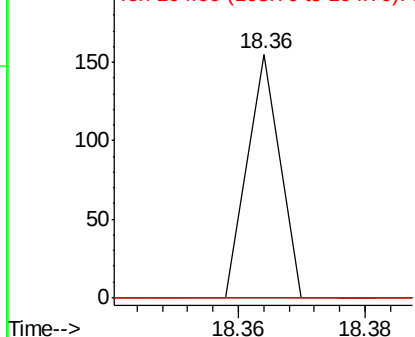


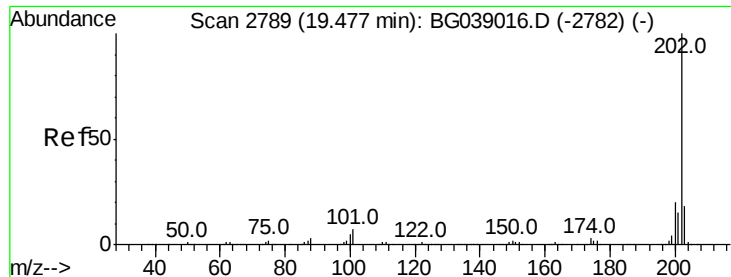
#74
 Di-n-butylphthalate
 Concen: 0.005 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. 0.00 min
 Lab File: BG039037.D
 Acq: 10 Jan 2019 1:42

Tgt Ion:149 Resp: 55
 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

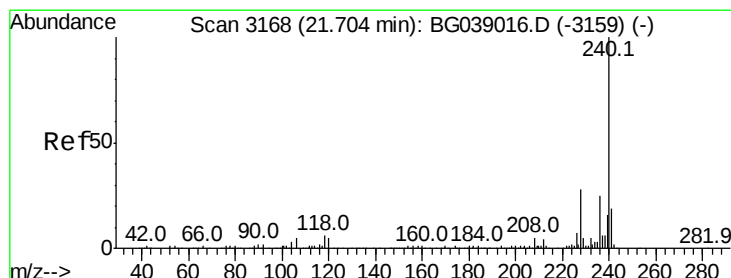
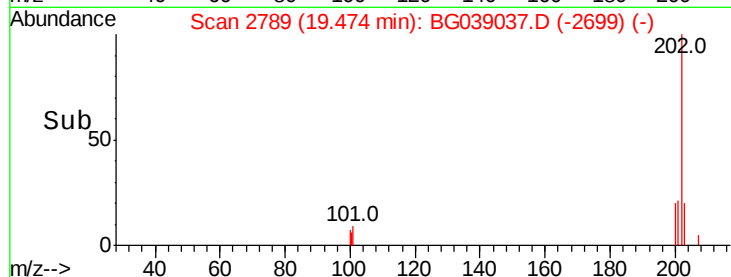
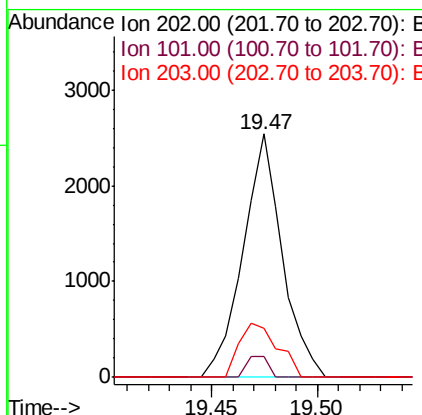
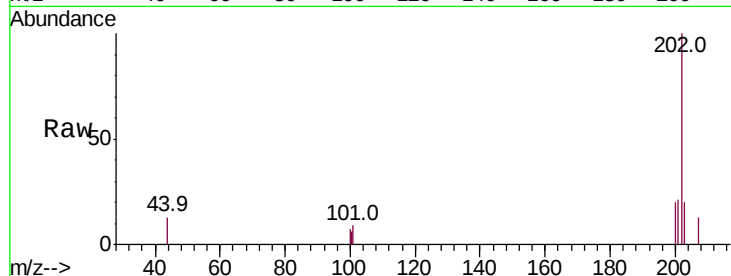




#75
 Fluoranthene
 Concen: 0.273 ng
 RT: 19.47 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: BG039037.D
 Acq: 10 Jan 2019 1:42

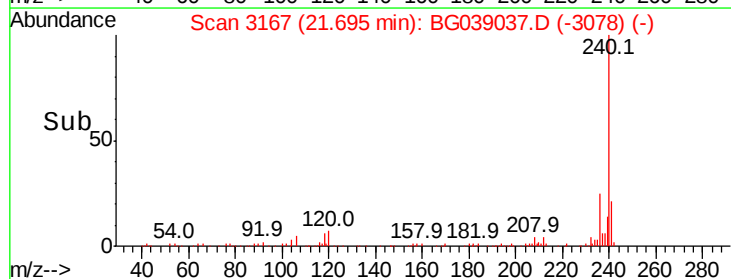
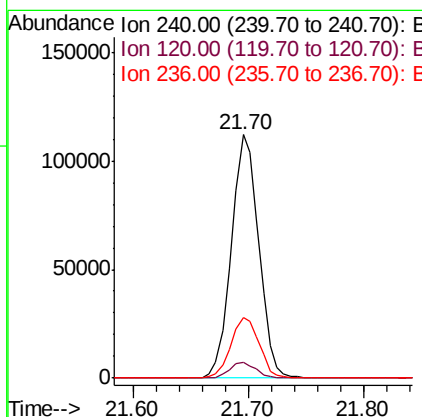
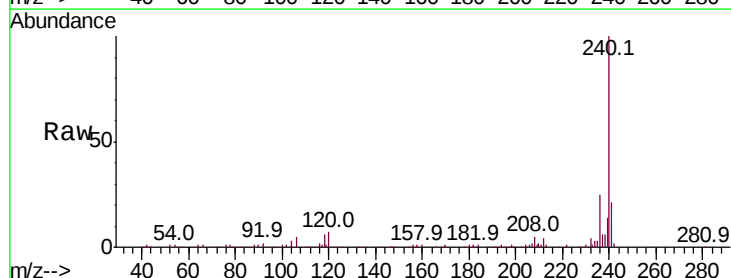
Instrument :
 BNA_G
 ClientSampleId :

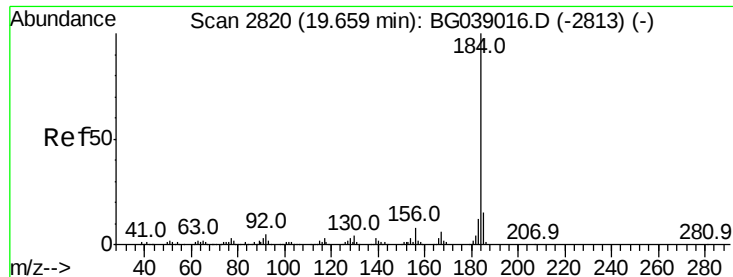
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	26.9
203	20.3	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG039037.D
 Acq: 10 Jan 2019 1:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.3	6.5#
236	25.1	20.1	30.1





#77

Benzidine

Concen: 1.864 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Instrument :

BNA_G

ClientSampleId :

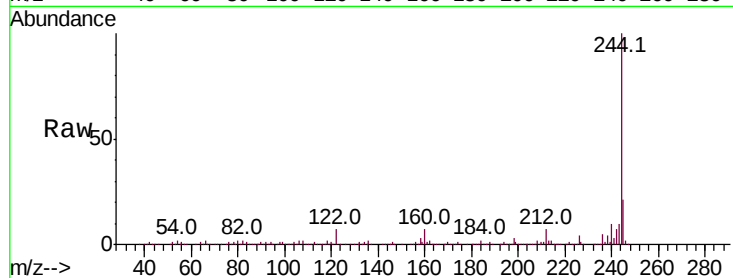
Tot Ion:184 Resp: 10477

Ion Ratio Lower Upper

184 100

185 13.6 12.1 18.1

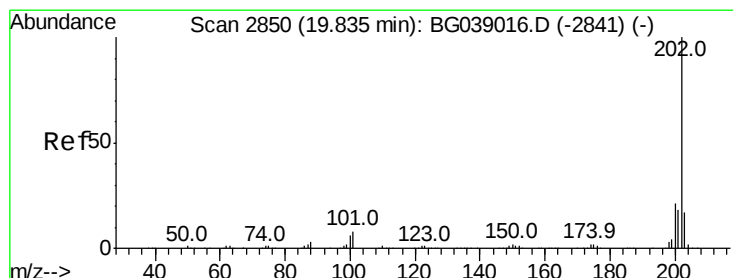
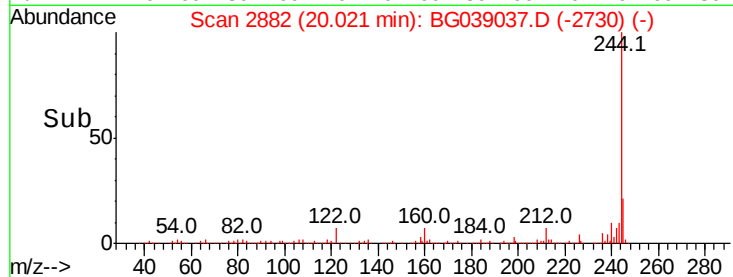
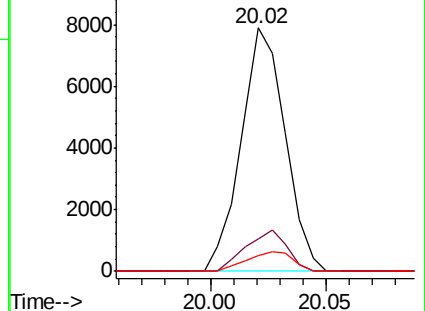
183 6.7 9.5 14.3#



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

Pyrene

Concen: 0.279 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.36 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

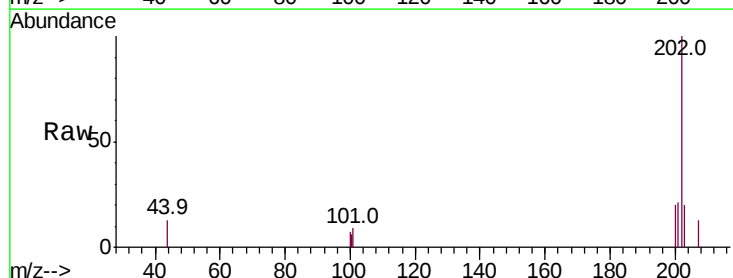
Tgt Ion:202 Resp: 3268

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.6

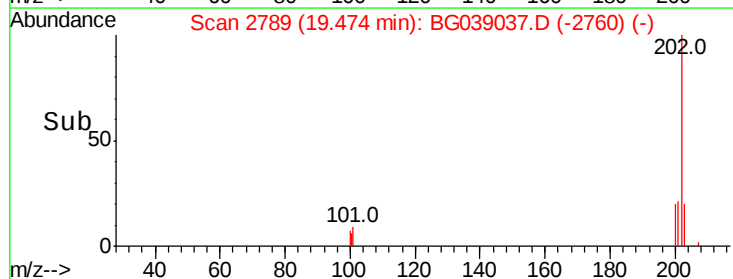
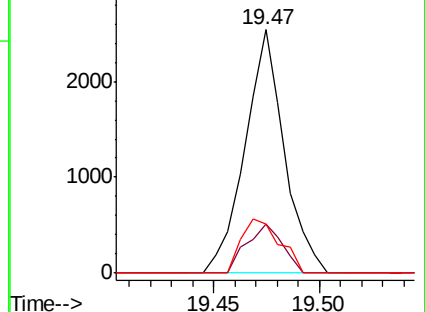
203 20.3 14.0 21.0

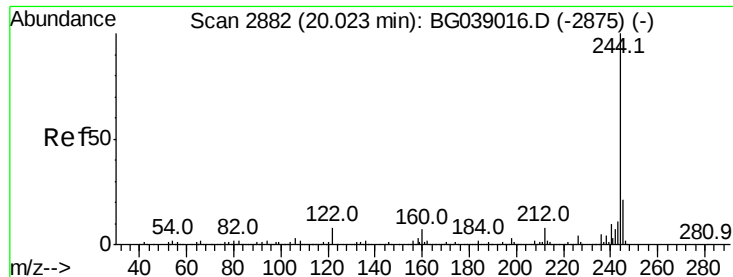


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.870 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Instrument :

BNA_G

ClientSampleId :

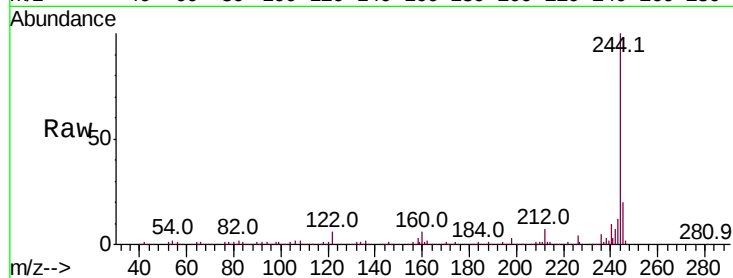
Tot Ion:244 Resp: 694186

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

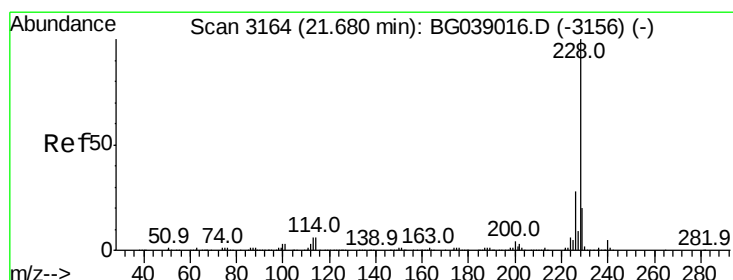
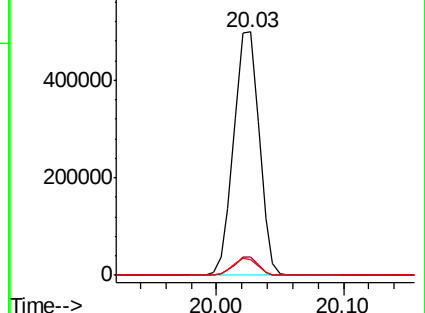
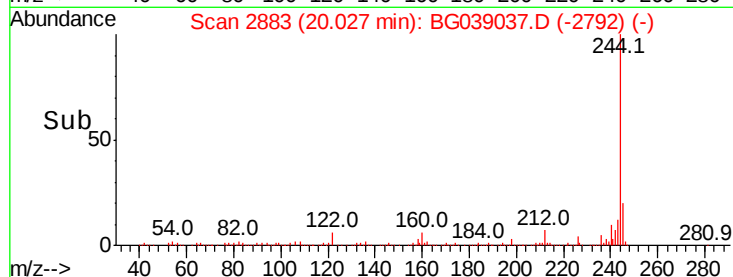
122 6.3 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 0.172 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

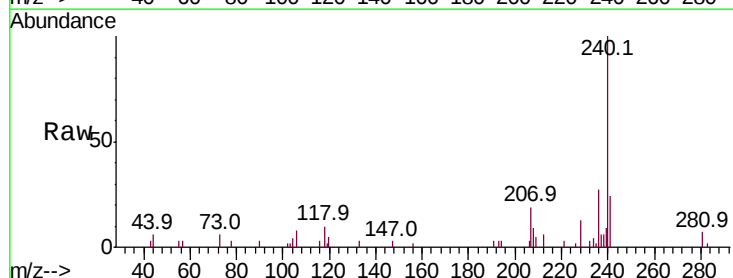
Tgt Ion:228 Resp: 1922

Ion Ratio Lower Upper

228 100

226 18.1 22.4 33.6#

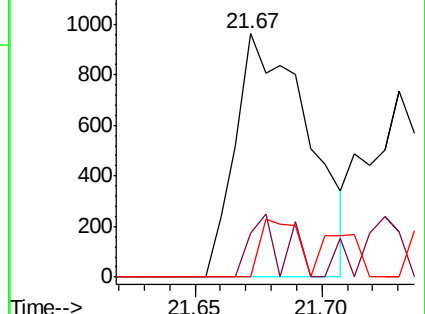
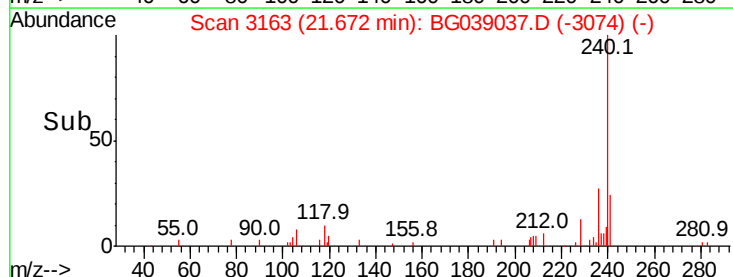
229 0.0 16.2 24.2#

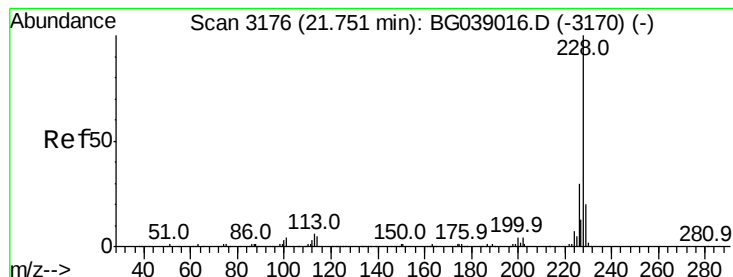


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.183 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

Instrument :

BNA_G

ClientSampleId :

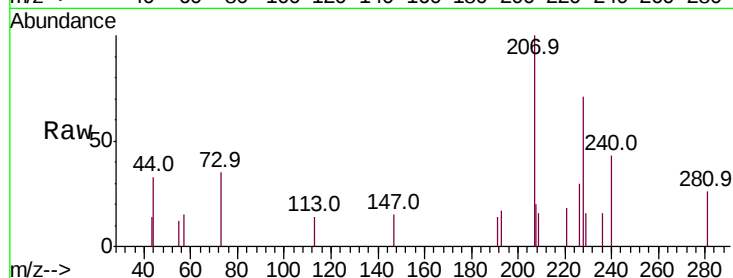
Tot Ion:228 Resp: 1948

Ion Ratio Lower Upper

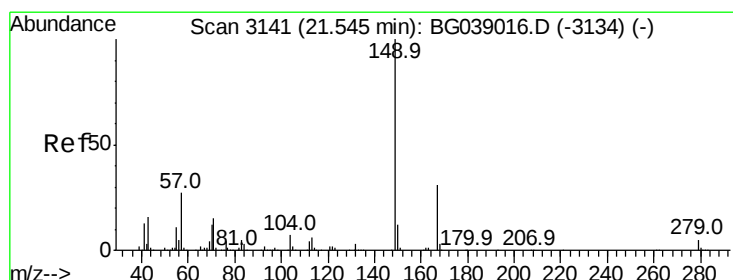
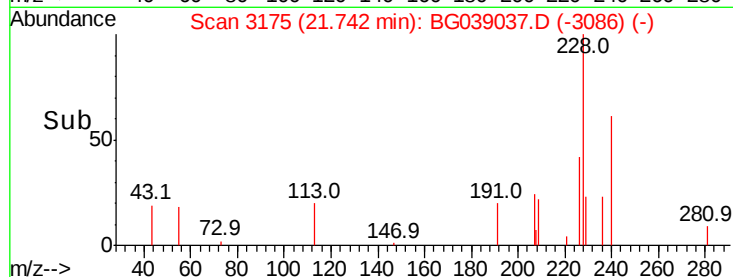
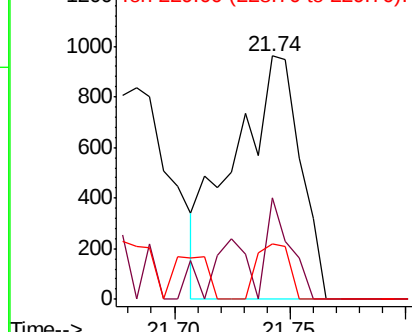
228 100

226 41.9 24.1 36.1#

229 22.9 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: 0.009 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG039037.D

Acq: 10 Jan 2019 1:42

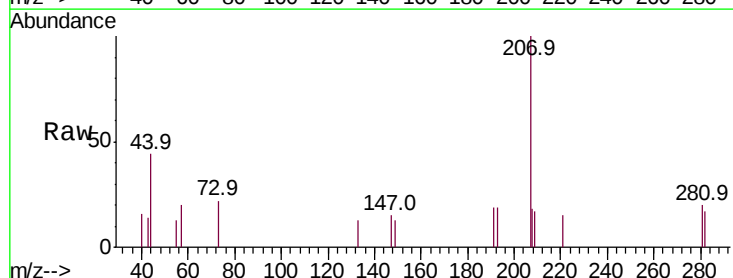
Tgt Ion:149 Resp: 54

Ion Ratio Lower Upper

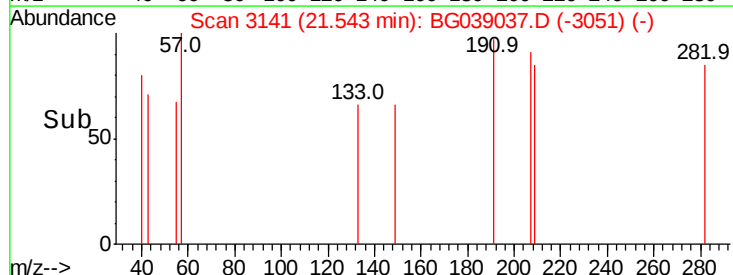
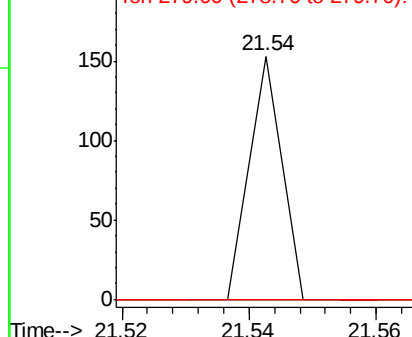
149 100

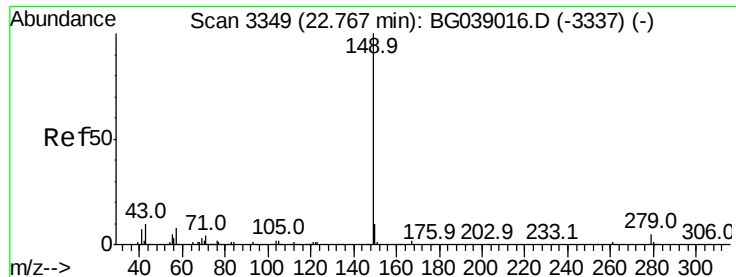
167 0.0 25.0 37.4#

279 0.0 4.3 6.5#



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

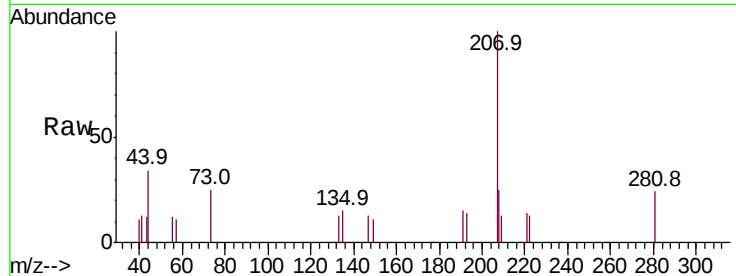




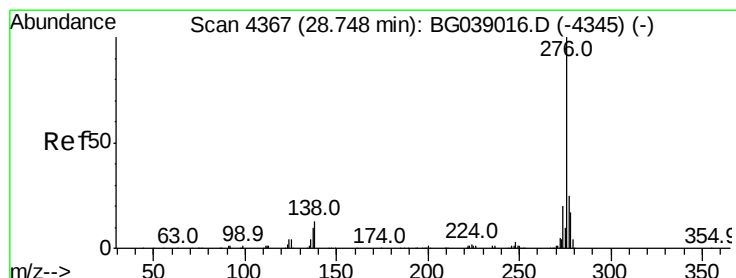
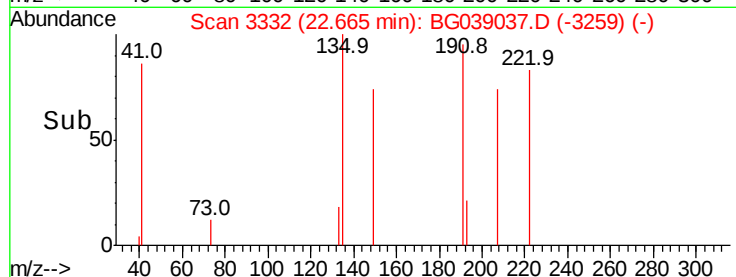
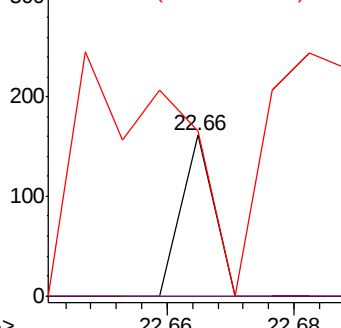
#85
Di-n-octyl phthalate
Concen: 0.005 ng
RT: 22.66 min Scan# 3332
Delta R.T. -0.10 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 57
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 477.2 7.5 11.3#

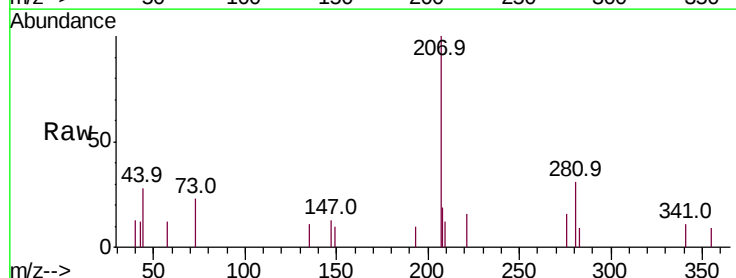


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

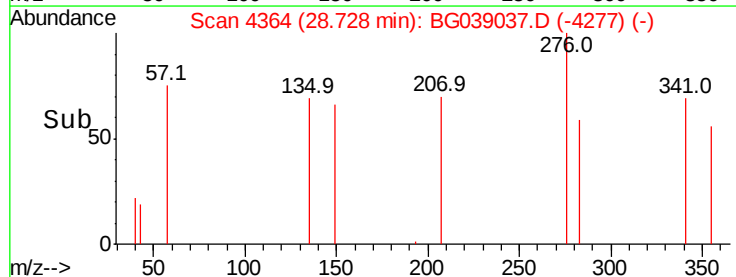
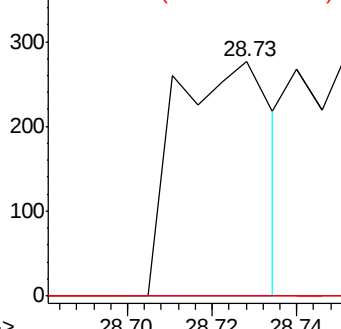


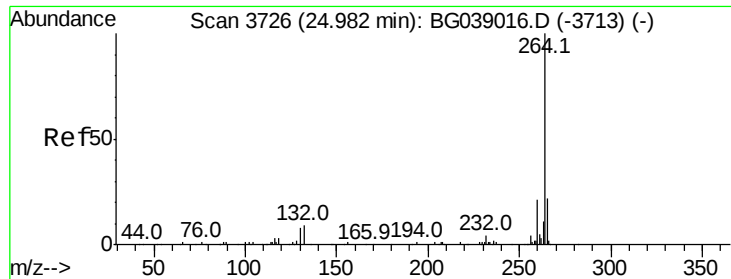
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:276 Resp: 434
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



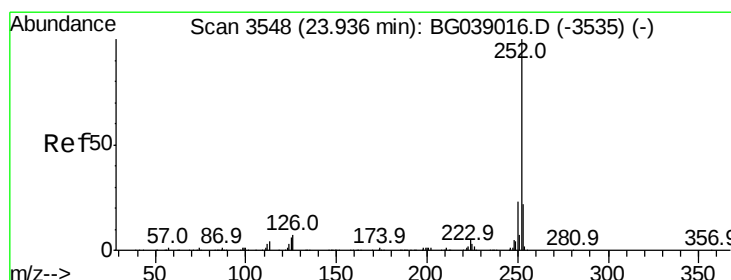
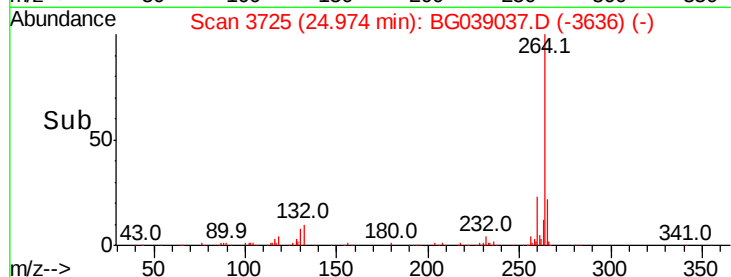
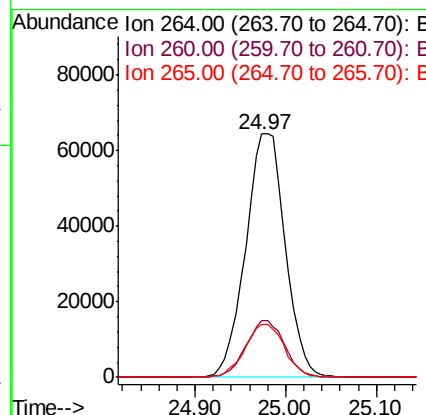
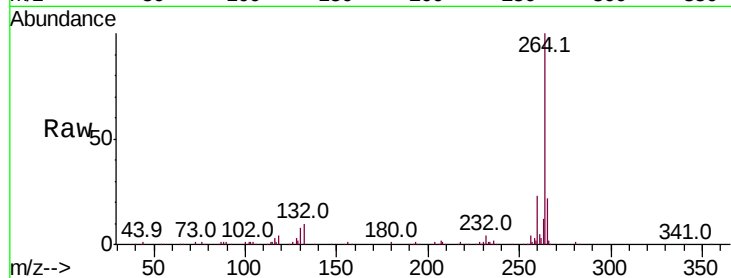


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 195412

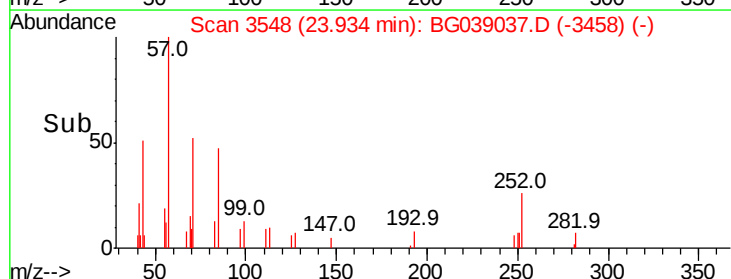
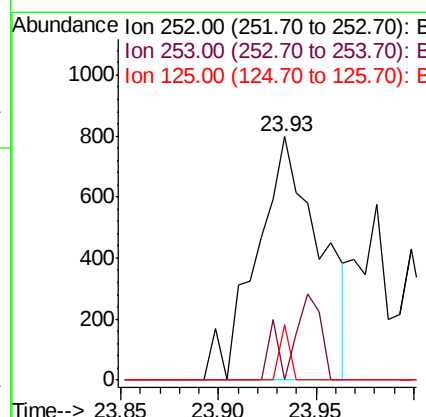
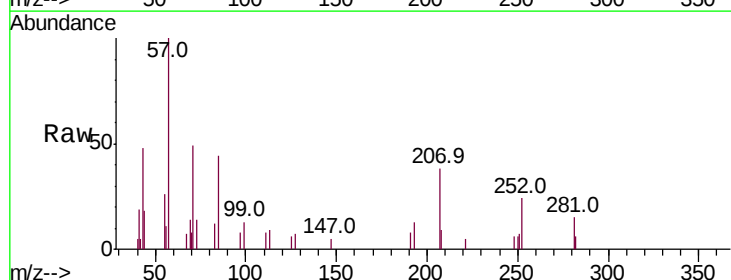
Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.0	25.6
265	21.9	17.2	25.8

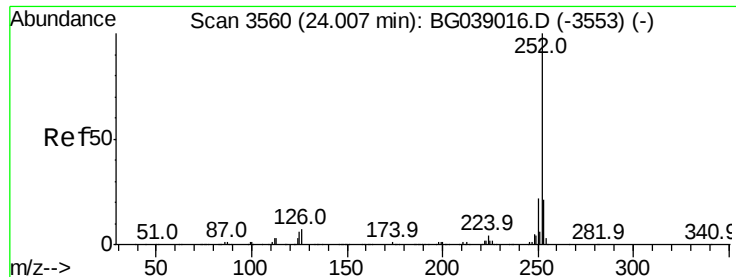


#88
Benzo(b)fluoranthene
Concen: 0.167 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:252 Resp: 1795

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.6#
125	22.9	4.9	7.3#

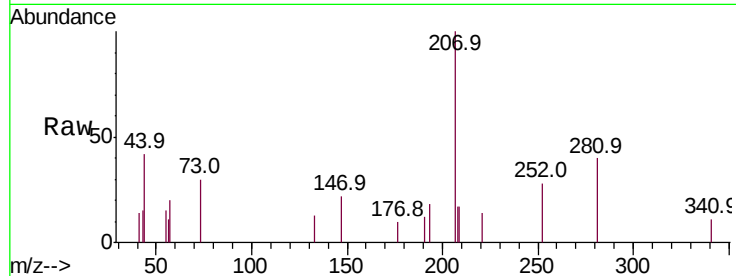




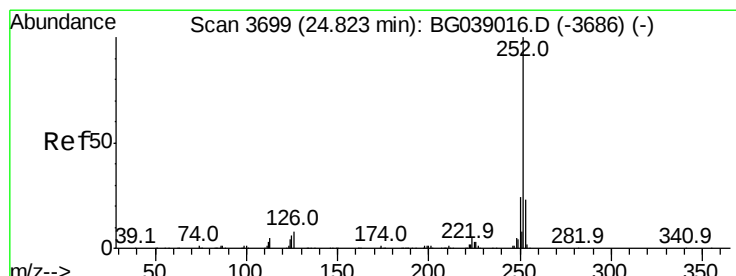
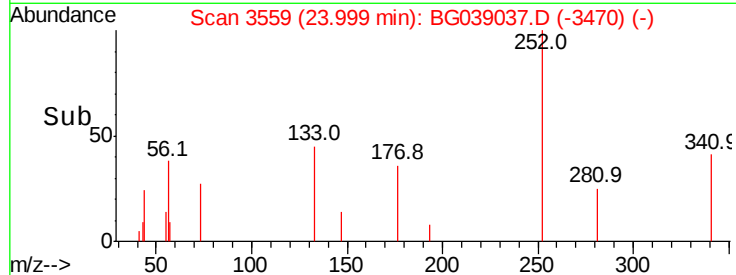
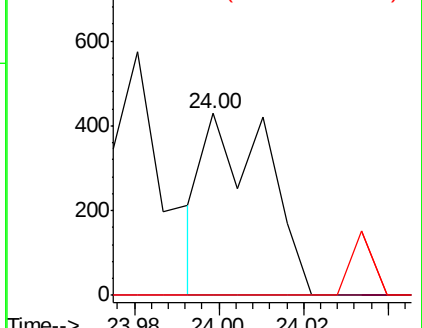
#89
Benzo(k)fluoranthene
Concen: 0.042 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 449
Ion Ratio Lower Upper
252 100
253 0.0 17.1 25.7#
125 0.0 4.6 7.0#

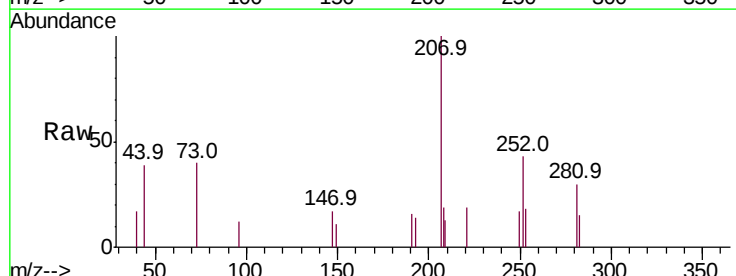


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

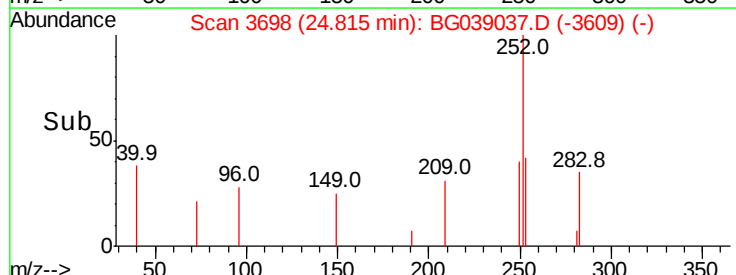
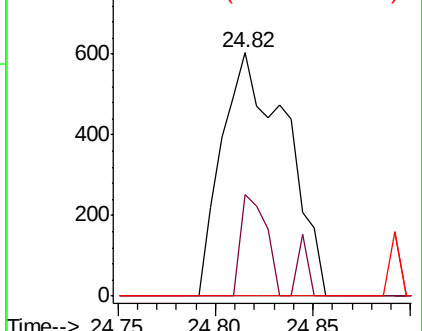


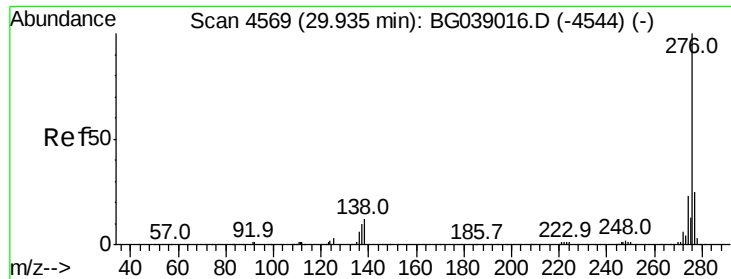
#90
Benzo(a)pyrene
Concen: 0.133 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:252 Resp: 1382
Ion Ratio Lower Upper
252 100
253 41.7 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(a,h,i)perylene
 Concen: 0.012 ng
 RT: 29.93 min Scan# 4569
 Delta R.T. -0.00 min
 Lab File: BG039037.D
 Acq: 10 Jan 2019 1:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	276	Resp:	125
Ion Ratio	Lower	Upper	
276	100		
277	0.0	20.3	30.5#
138	0.0	9.4	14.2#

