

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
 Data File : BG038017.D
 Acq On : 15 Nov 2018 13:45
 Operator : JU/SJ
 Sample : J5950-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 15 15:01:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	56402	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	224433	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	147421	20.00	ng	0.01
64) Phenanthrene-d10	17.48	188	242524	20.00	ng	0.01
76) Chrysene-d12	21.75	240	259439	20.00	ng	0.00
87) Perylene-d12	25.07	264	292094	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	483304	147.95	ng	0.00
7) Phenol-d6	7.24	99	673251	144.38	ng	0.00
23) Nitrobenzene-d5	9.27	82	443671	105.82	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	205346	122.14	ng	0.01
45) 2-Fluorobiphenyl	13.35	172	802687	79.32	ng	0.00
79) Terphenyl-d14	20.07	244	993726	90.13	ng	0.00

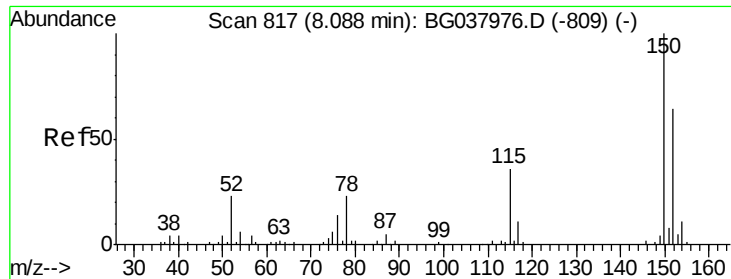
Target Compounds				Qvalue		
9) Benzaldehyde	7.21	77	9482	2.812	ng	# 1
10) Phenol	7.26	94	12177	2.465	ng	# 71
18) Hexachloroethane	9.19	117	171287	106.697	ng	# 1
19) n-Nitroso-di-n-propylamine	8.96	70	23990	7.110	ng	# 65
22) Acetophenone	8.88	105	388205	69.521	ng	# 53
24) Nitrobenzene	9.27	77	27574	6.429	ng	# 18
25) Isophorone	9.81	82	61875	8.199	ng	# 1
31) Naphthalene	10.97	128	1177783	106.695	ng	# 95
32) Benzoic acid	10.20	122	1243	12.778	ng	# 1
35) Caprolactam	11.90	113	121127	83.397	ng	# 20
37) 2-Methylnaphthalene	12.58	142	1981006	249.837	ng	# 92
38) 1-Methylnaphthalene	12.79	142	1245694	163.212	ng	# 98
46) 1,1'-Biphenyl	13.56	154	501398	40.484	ng	# 97
48) 2-Nitroaniline	13.76	65	9499	3.194	ng	# 53
49) Acenaphthylene	14.46	152	41718	2.935	ng	# 1
50) Dimethylphthalate	14.18	163	109496	9.369	ng	# 93
51) 2,6-Dinitrotoluene	14.33	165	9531	3.603	ng	# 39
52) Acenaphthene	14.80	154	86489	10.109	ng	# 57
53) 3-Nitroaniline	14.62	138	8723	2.989	ng	# 39
54) 2,4-Dinitrophenol	14.86	184	1232	10.047	ng	# 1
55) Dibenzofuran	15.13	168	154035	10.888	ng	# 37
56) 4-Nitrophenol	14.93	139	82721	36.747	ng	# 66
57) 2,4-Dinitrotoluene	15.08	165	17857	4.962	ng	# 56
58) Fluorene	15.78	166	280886	26.610	ng	# 88
62) 4-Nitroaniline	15.61	138	12335	4.254	ng	# 87
63) Azobenzene	16.06	77	22568	2.033	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.89	198	3123	2.036	ng	# 1
66) n-Nitrosodiphenylamine	15.98	169	192229	26.200	ng	# 45
69) Atrazine	16.92	200	9041	3.343	ng	# 53
71) Phenanthrene	17.52	178	779764	62.799	ng	# 95
72) Anthracene	17.67	178	176812	14.446	ng	# 1
73) Carbazole	17.88	167	34994	2.850	ng	# 11
78) Pvrene	19.89	202	109273	6.442	ng	# 73

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 15 15:01:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

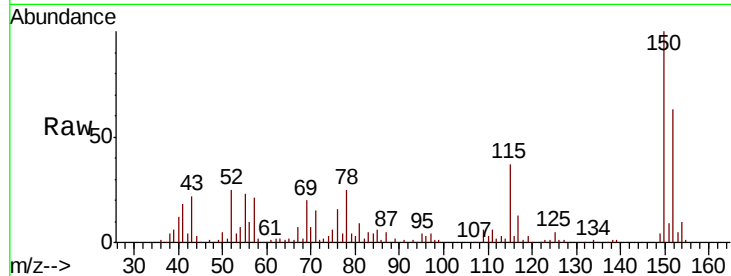
(#) = qualifier out of range (m) = manual integration (+) = signals summed



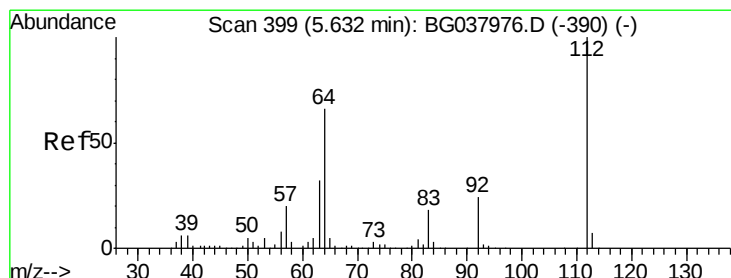
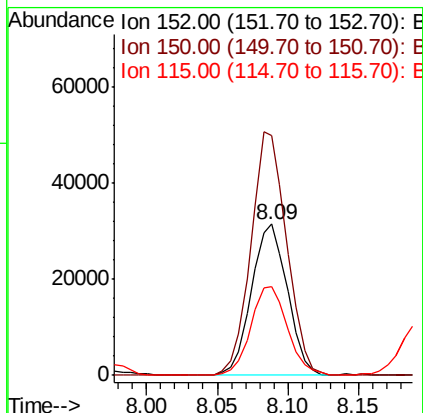
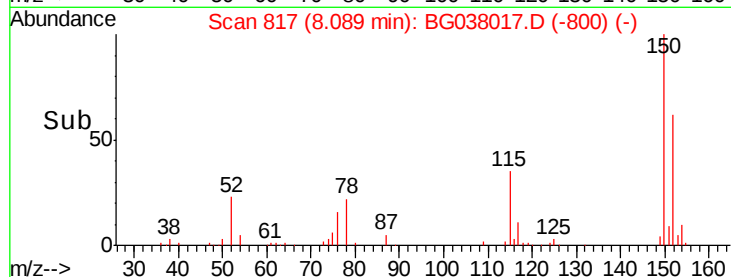
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.0	189.0
115	59.1	45.5	68.3



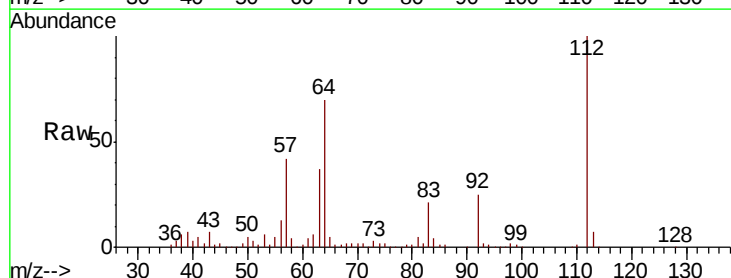
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



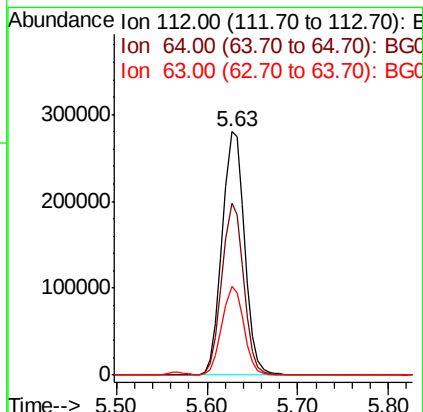
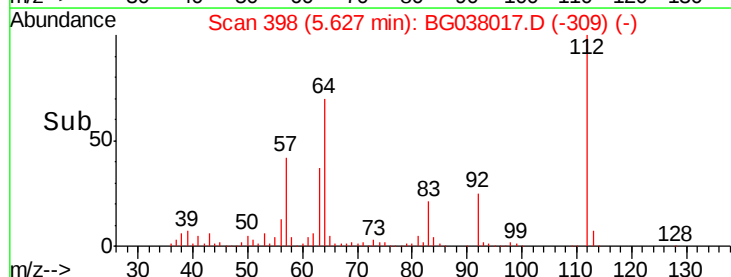
#5

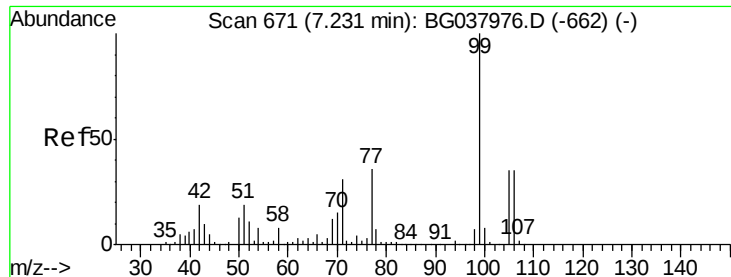
2-Fluorophenol
Concen: 147.948 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	53.1	79.7
63	36.7	27.3	40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 144.380 ng

RT: 7.24 min Scan# 672

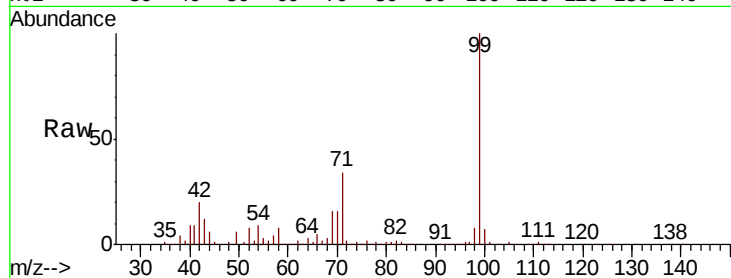
Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

Tot Ion: 99 Resp: 673251

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.0	22.4
71	33.8	25.5	38.3

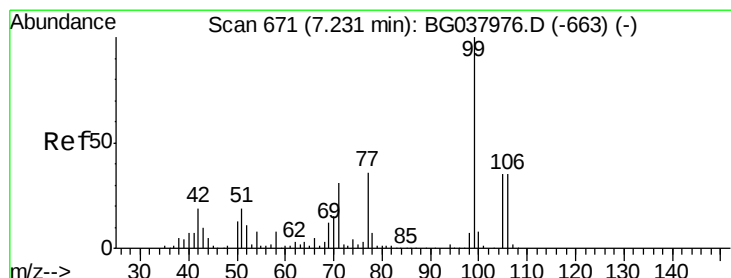
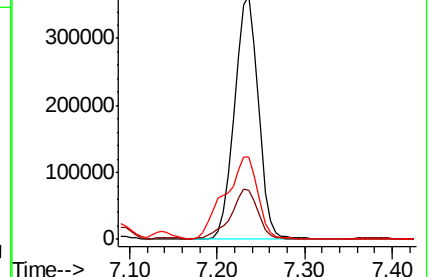
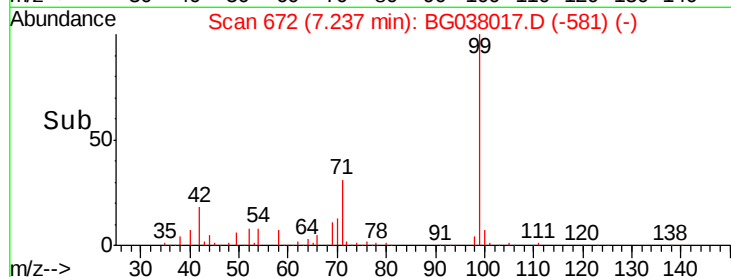


Abundance

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: 2.812 ng

RT: 7.21 min Scan# 668

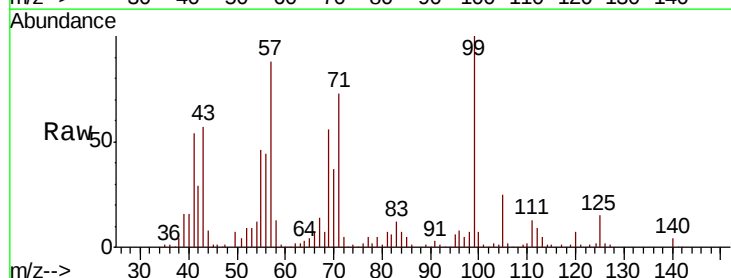
Delta R.T. -0.02 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

Tgt Ion: 77 Resp: 9482

Ion	Ratio	Lower	Upper
77	100		
105	559.5	72.6	112.6#
106	50.7	71.3	111.3#

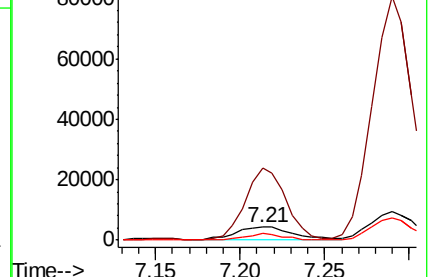
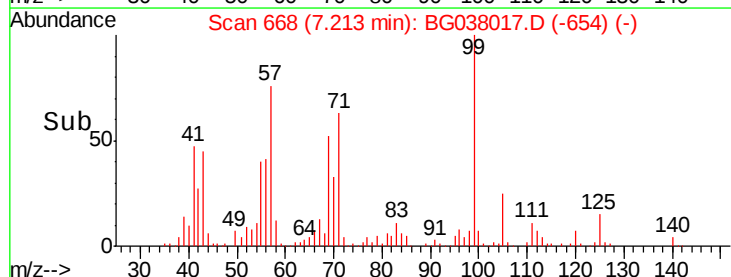


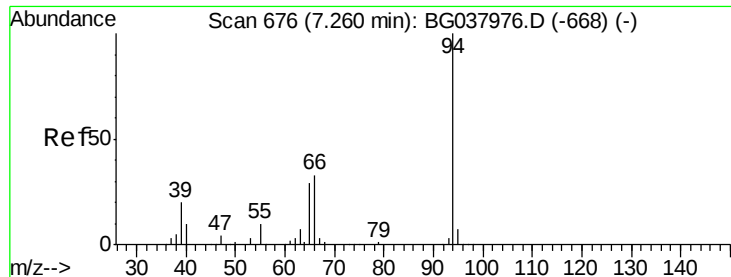
Abundance

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: 2.465 ng

RT: 7.26 min Scan# 676

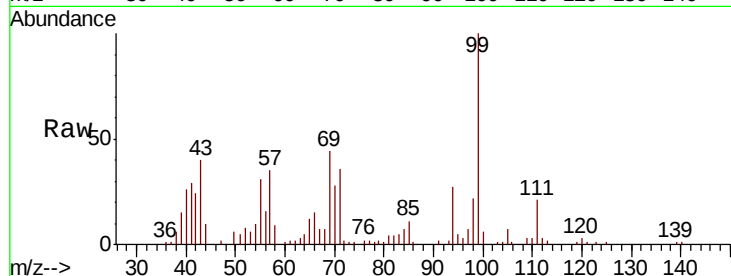
Delta R.T. 0.00 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

Tot Ion: 94 Resp: 12177

Ion	Ratio	Lower	Upper
94	100		
65	43.0	9.7	49.7
66	55.1	15.9	55.9

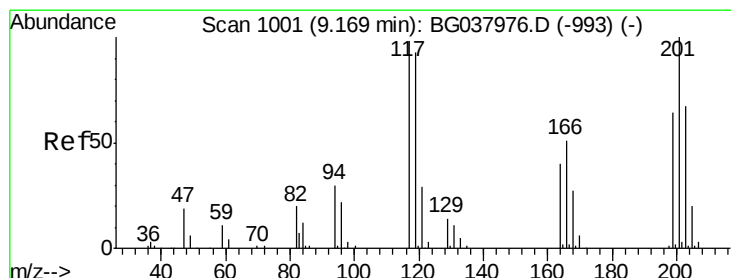
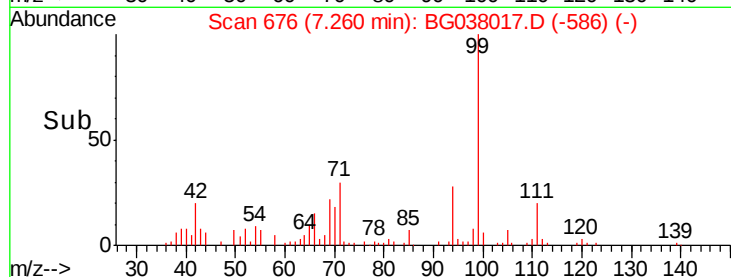
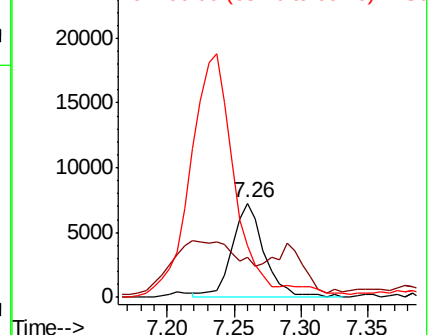


Abundance

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



#18

Hexachloroethane

Concen: 106.697 ng

RT: 9.19 min Scan# 1005

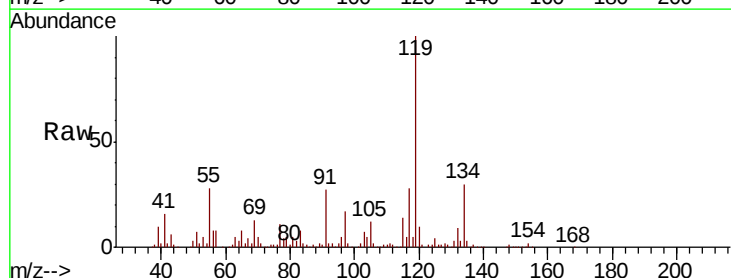
Delta R.T. 0.02 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

Tgt Ion: 117 Resp: 171287

Ion	Ratio	Lower	Upper
117	100		
119	352.3	74.6	111.8#
201	0.0	80.8	121.2#

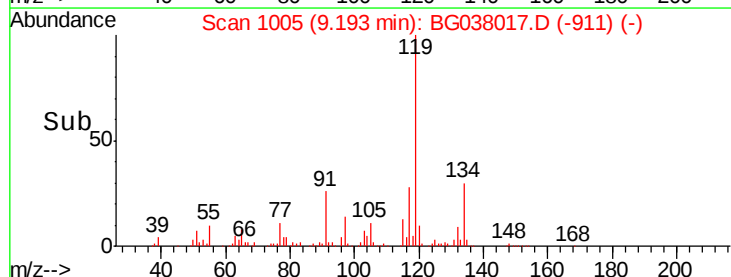
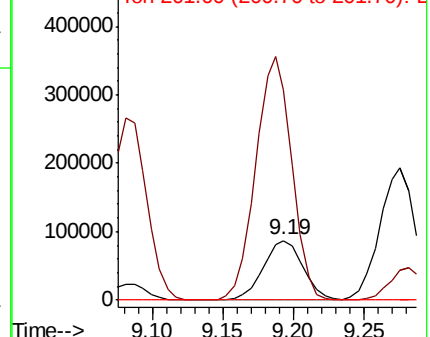


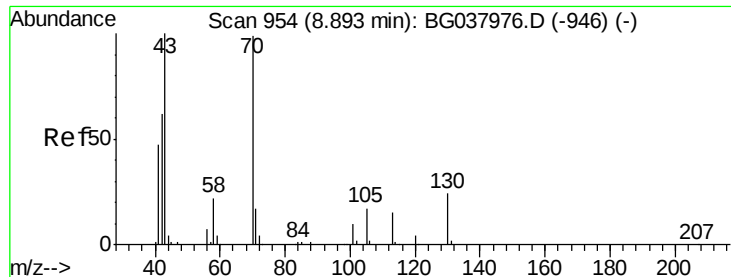
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

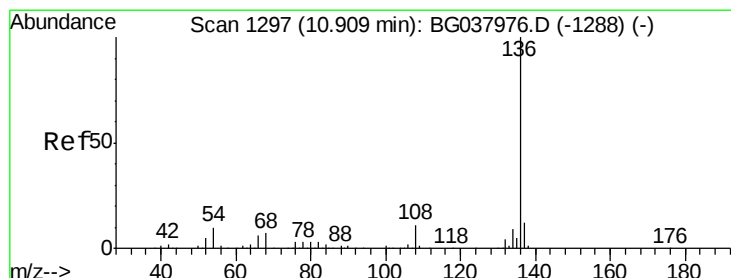
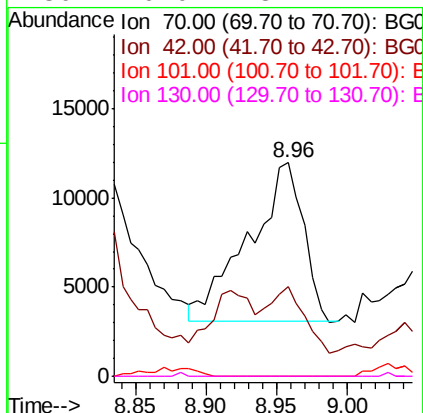
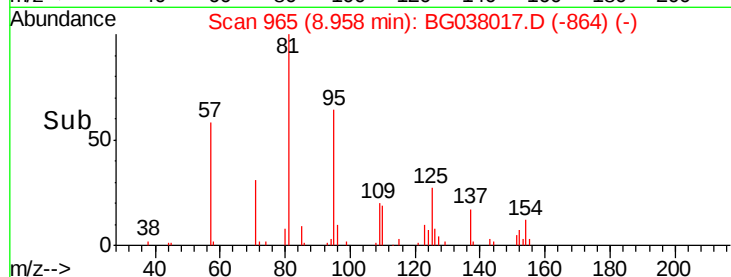
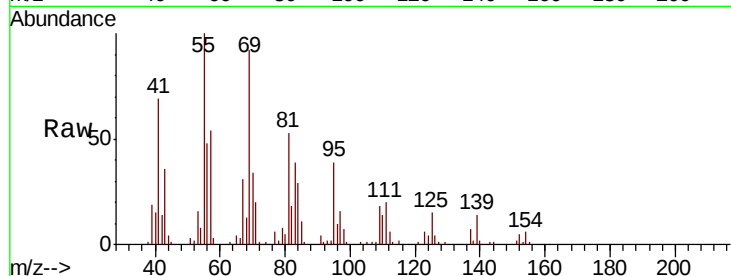
Ion 201.00 (200.70 to 201.70): E





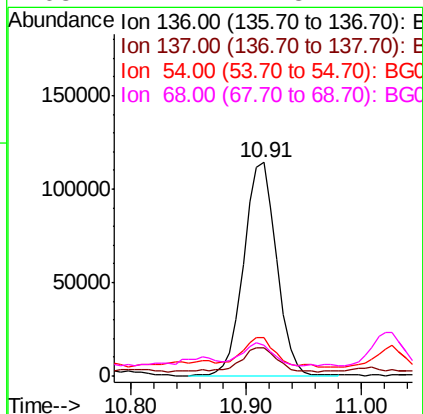
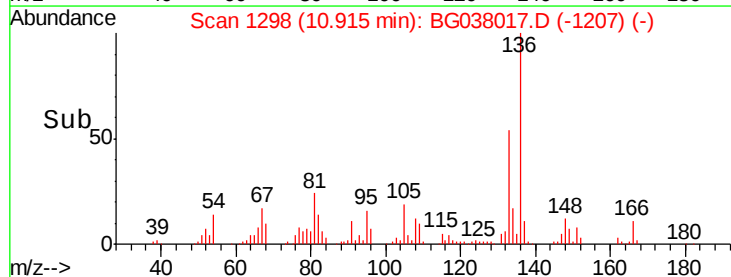
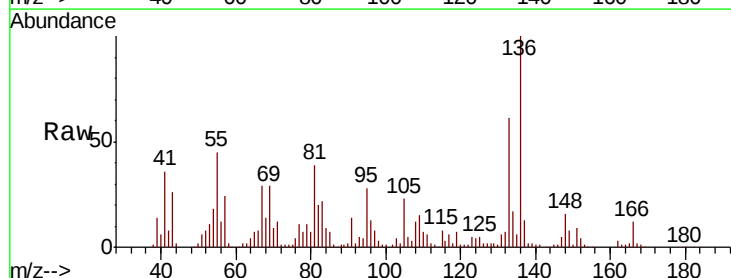
#19
n-Nitroso-di-n-propylamine
Concen: 7.110 ng
RT: 8.96 min Scan# 965
Delta R.T. 0.06 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

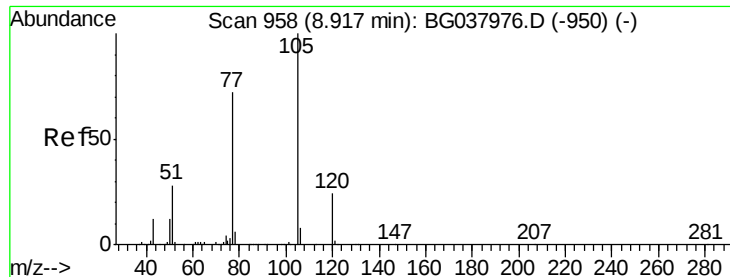
Tot Ion: 70 Resp: 23990
Ion Ratio Lower Upper
70 100
42 41.8 53.9 80.9#
101 0.0 8.2 12.2#
130 0.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tgt Ion: 136 Resp: 224433
Ion Ratio Lower Upper
136 100
137 13.0 9.6 14.4
54 17.7 7.9 11.9#
68 14.1 4.8 7.2#





#22

Acetophenone

Concen: 69.521 ng

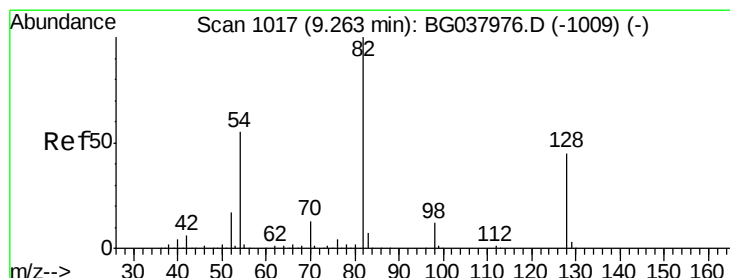
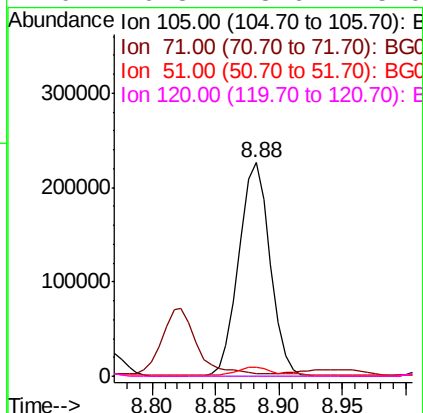
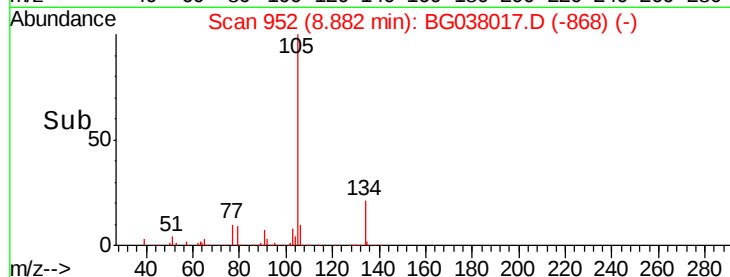
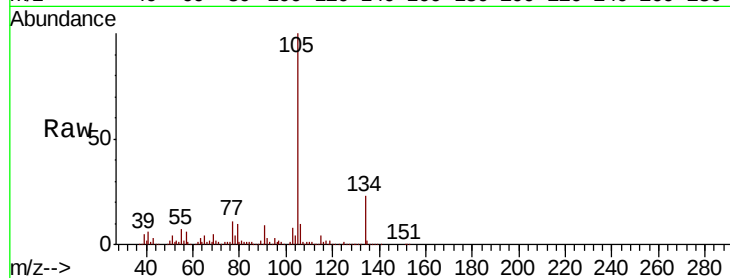
RT: 8.88 min Scan# 952

Delta R.T. -0.04 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

Tot Ion:	105	Resp:	388205
Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.2	1.8
51	4.5	25.0	37.6#
120	0.3	18.6	28.0#



#23

Nitrobenzene-d5

Concen: 105.822 ng

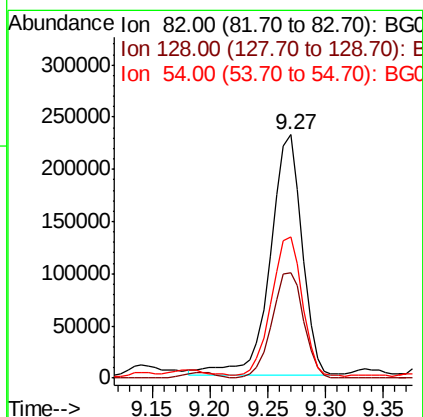
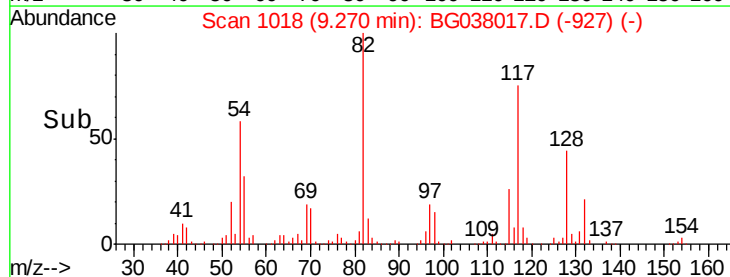
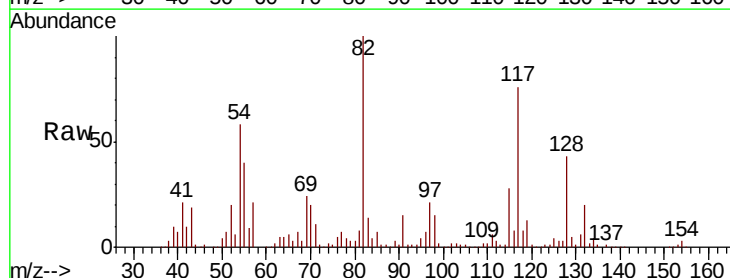
RT: 9.27 min Scan# 1018

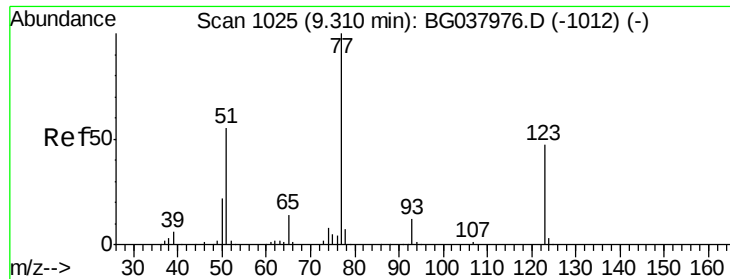
Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

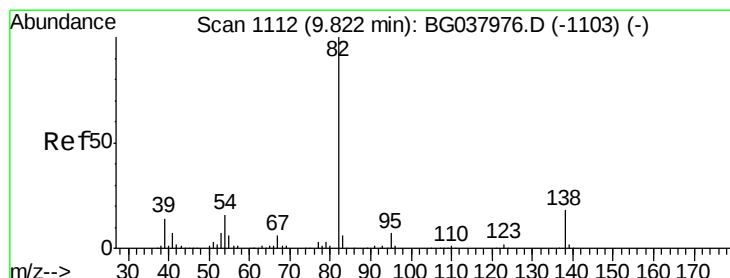
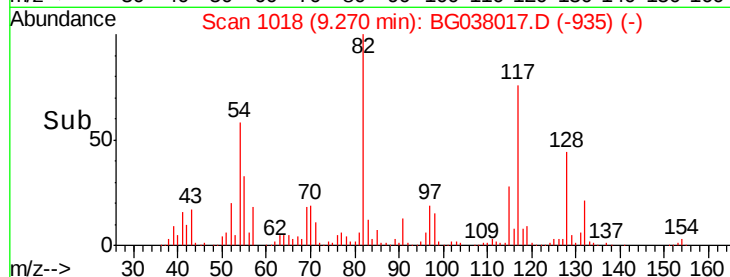
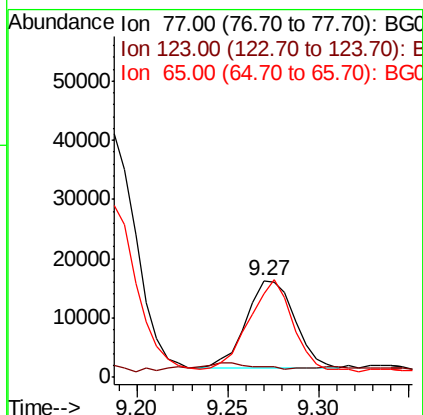
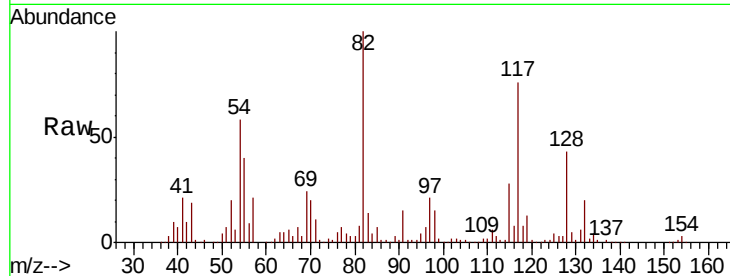
Tgt Ion:	82	Resp:	443671
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	58.1	45.3	67.9





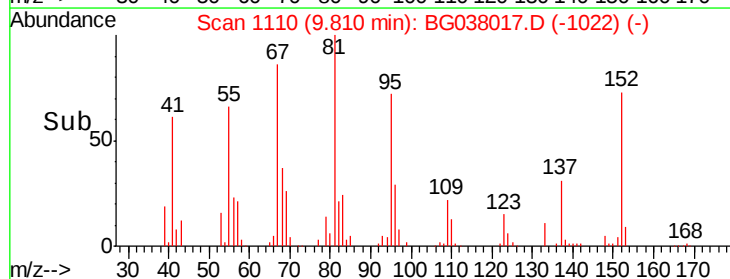
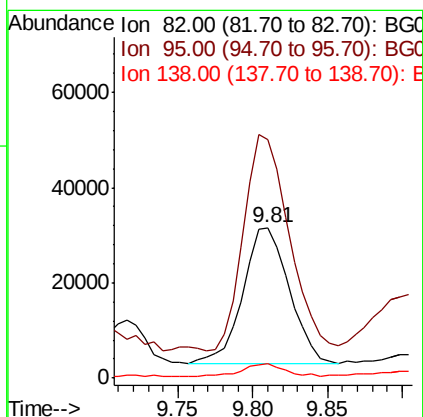
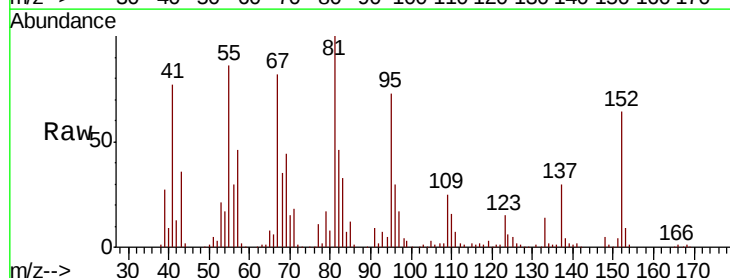
#24
Nitrobenzene
Concen: 6.429 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.04 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

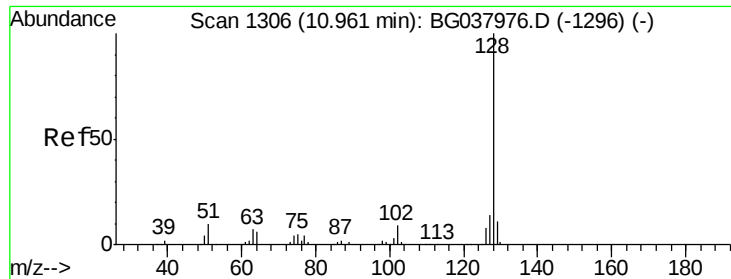
Tot Ion: 77 Resp: 27574
Ion Ratio Lower Upper
77 100
123 10.5 33.6 50.4#
65 86.0 11.3 16.9#



#25
Isophorone
Concen: 8.199 ng
RT: 9.81 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

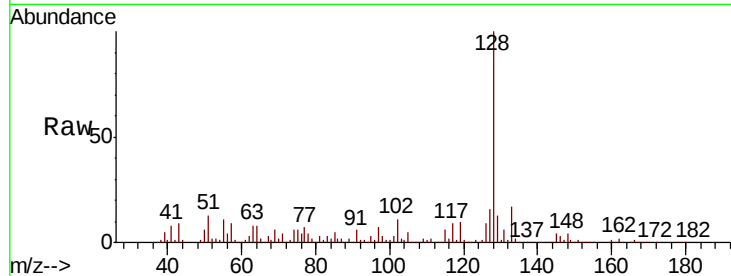
Tgt Ion: 82 Resp: 61875
Ion Ratio Lower Upper
82 100
95 158.4 5.3 7.9#
138 9.3 13.3 19.9#



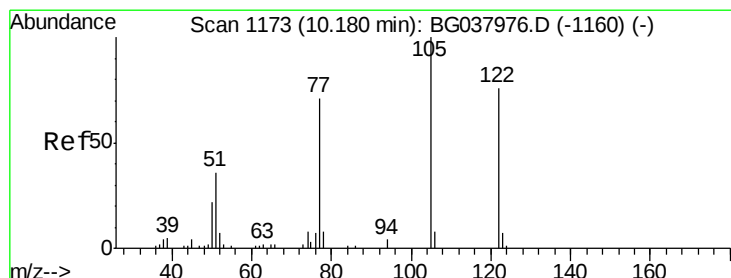
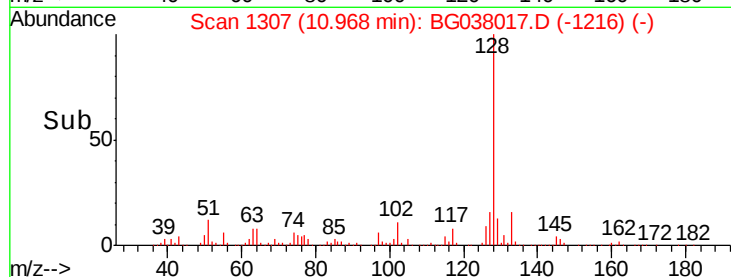
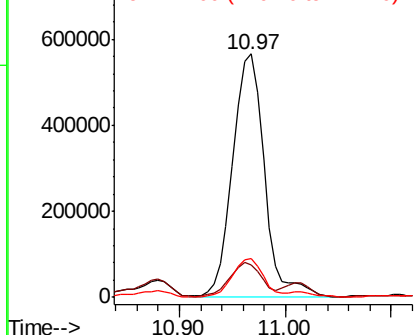


#31
Naphthalene
Concen: 106.695 ng
RT: 10.97 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tot Ion:128 Resp: 1177783
Ion Ratio Lower Upper
128 100
129 13.2 9.0 13.6
127 15.9 11.1 16.7

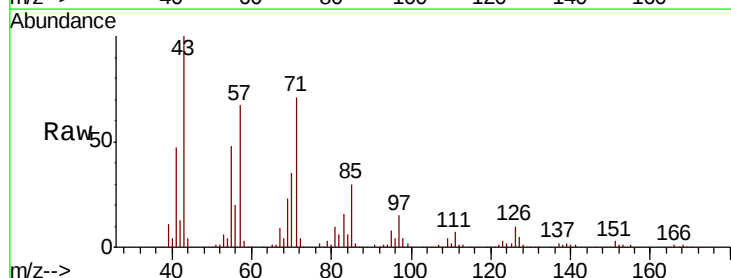


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

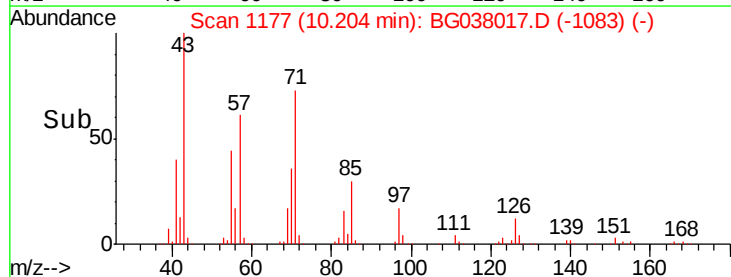
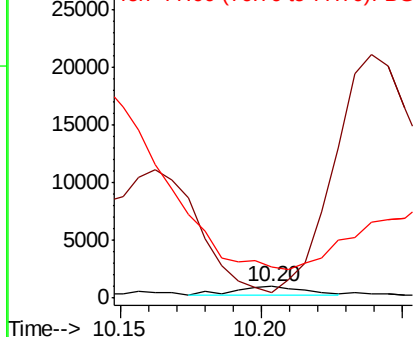


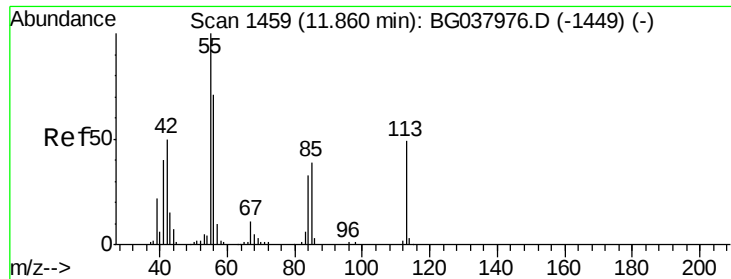
#32
Benzoic acid
Concen: 12.778 ng
RT: 10.20 min Scan# 1177
Delta R.T. 0.02 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tgt Ion:122 Resp: 1243
Ion Ratio Lower Upper
122 100
105 50.3 106.7 146.7#
77 260.0 72.2 112.2#



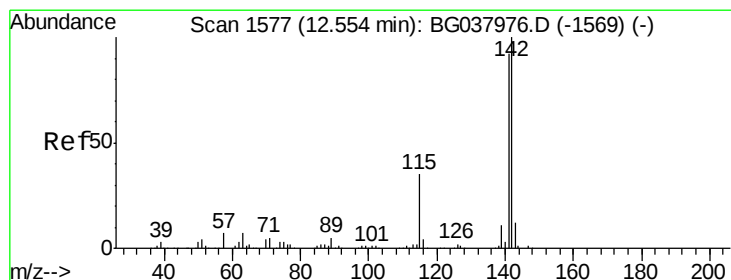
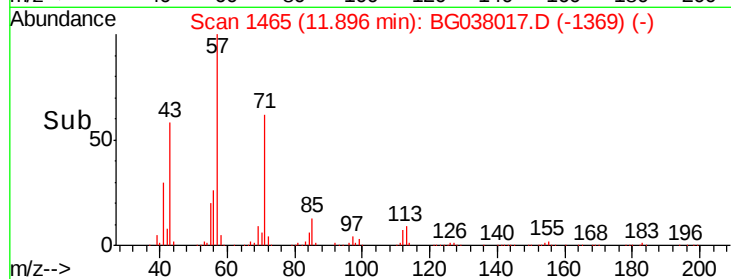
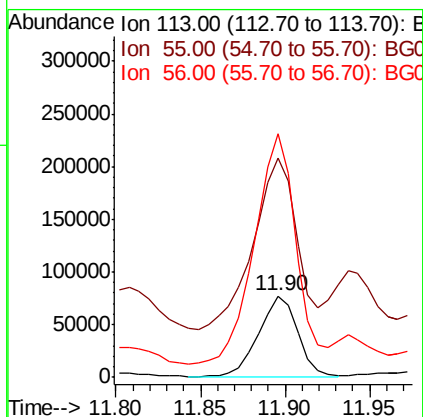
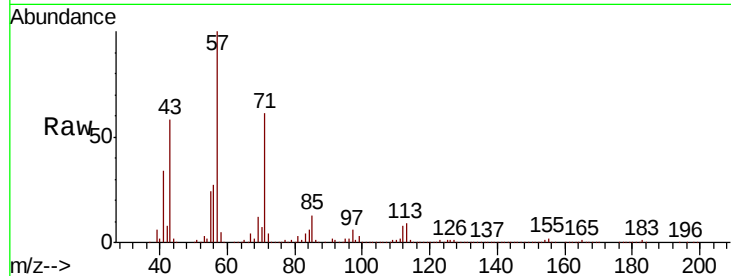
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC





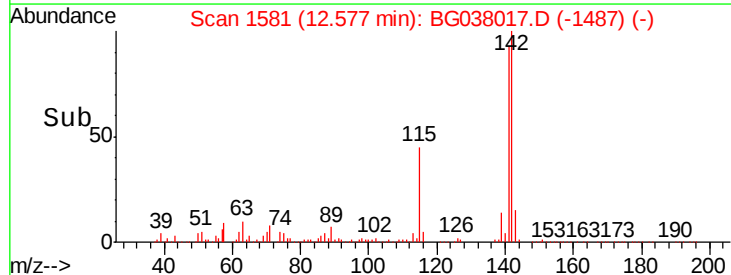
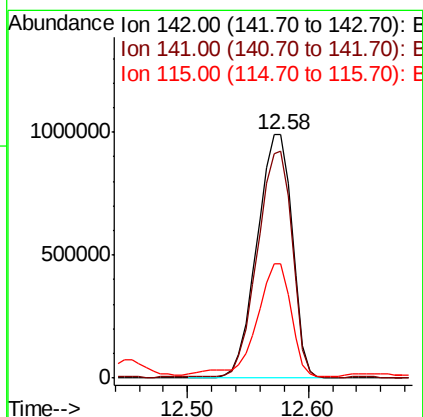
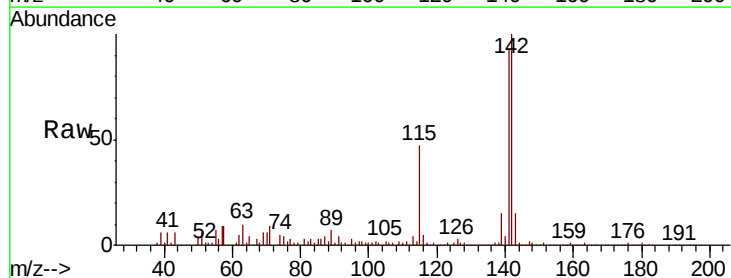
#35
 Caprolactam
 Concen: 83.397 ng
 RT: 11.90 min Scan# 1465
 Delta R.T. 0.04 min
 Lab File: BG038017.D
 Acq: 15 Nov 2018 13:45

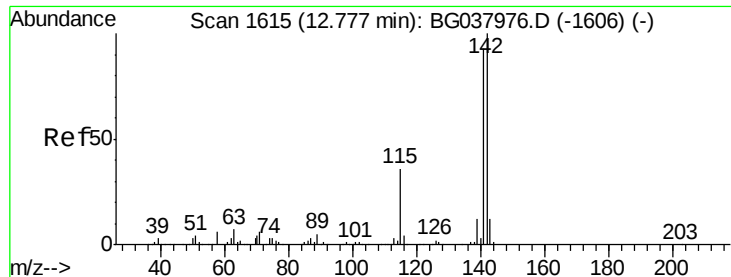
Tot Ion	Ratio	Lower	Upper
113	100		
55	270.0	176.6	216.6#
56	300.1	128.3	168.3#



#37
 2-Methylnaphthalene
 Concen: 249.837 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. 0.02 min
 Lab File: BG038017.D
 Acq: 15 Nov 2018 13:45

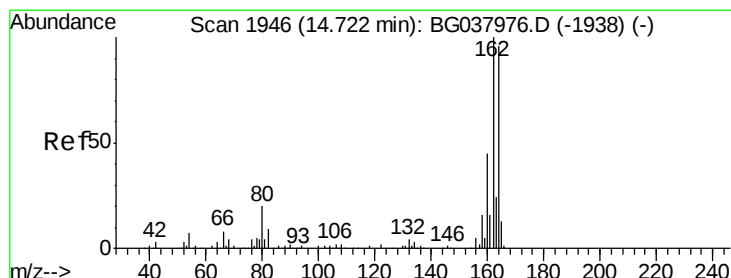
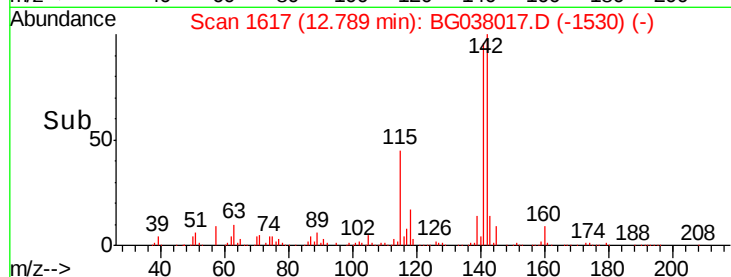
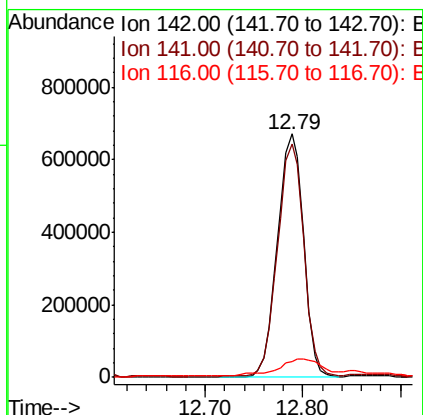
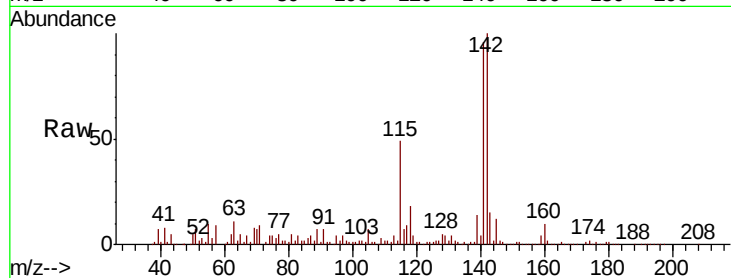
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	71.9	107.9
115	46.7	27.8	41.8#





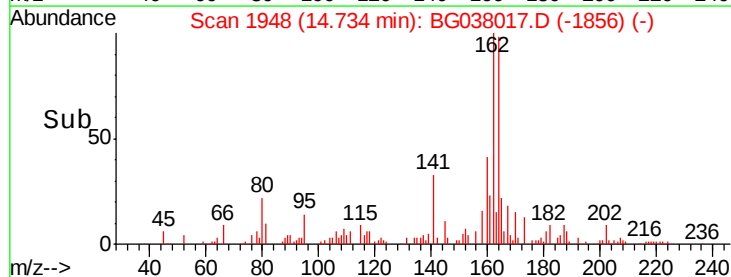
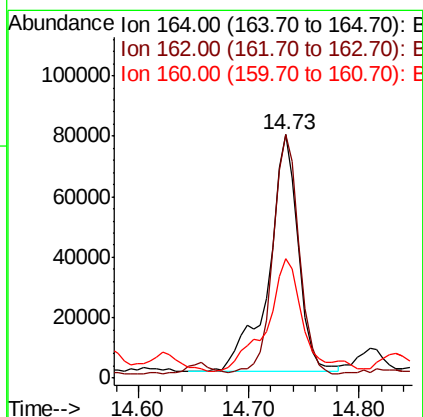
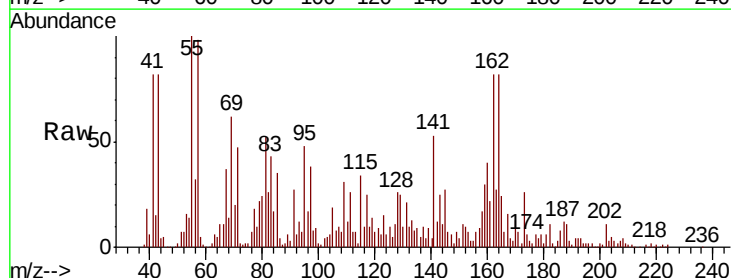
#38
1-Methylnaphthalene
Concen: 163.212 ng
RT: 12.79 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

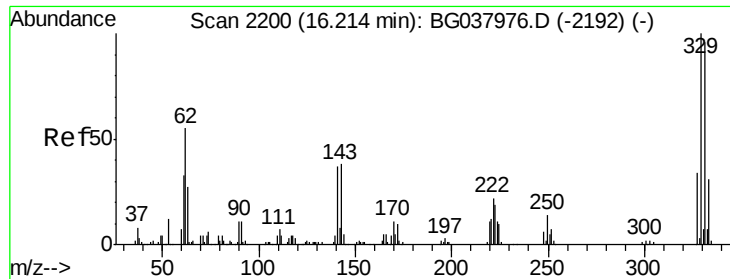
Tot Ion:142 Resp: 1245694
Ion Ratio Lower Upper
142 100
141 96.0 75.2 112.8
116 6.6 3.3 4.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

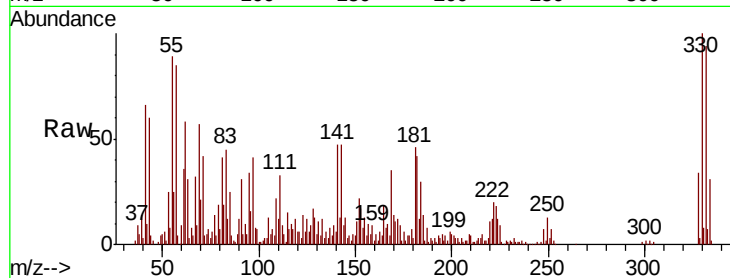
Tgt Ion:164 Resp: 147421
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 48.9 36.3 54.5



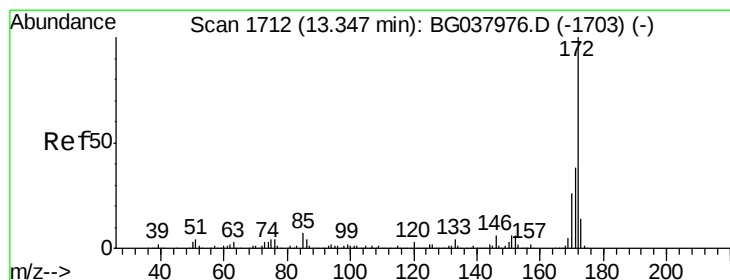
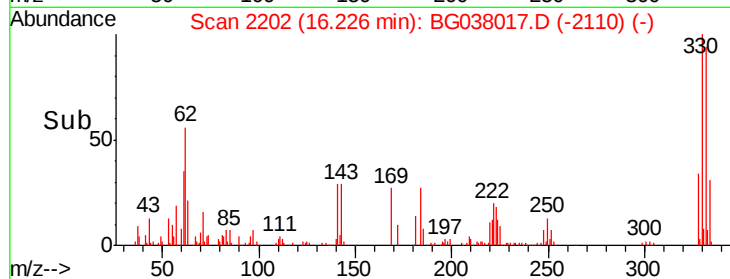
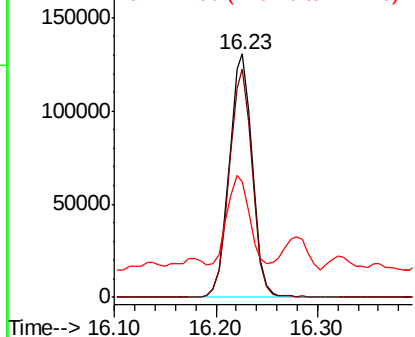


#42
 2,4,6-Tribromophenol
 Concen: 122.135 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: BG038017.D
 Acq: 15 Nov 2018 13:45

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	78.4	117.6
141	36.2	32.2	48.2

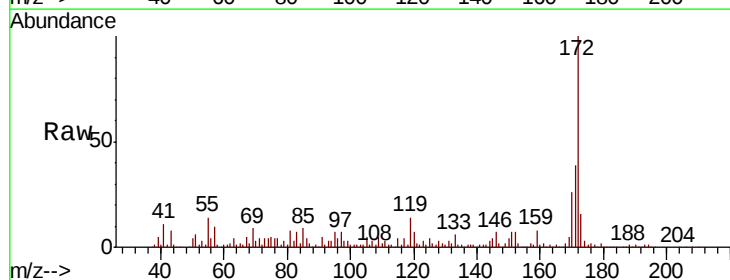


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

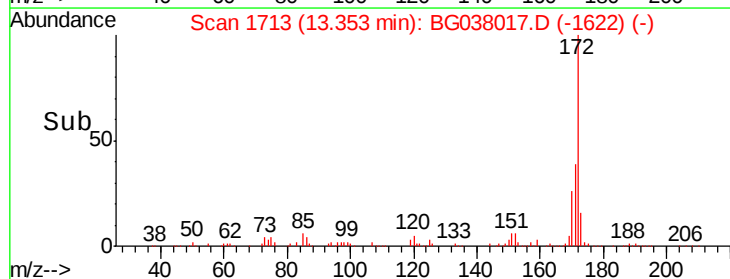
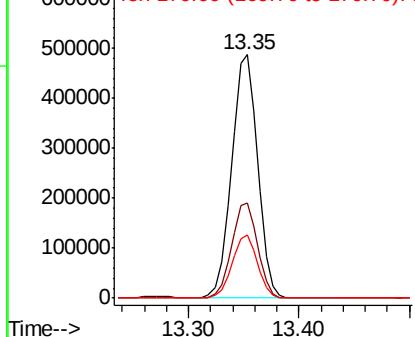


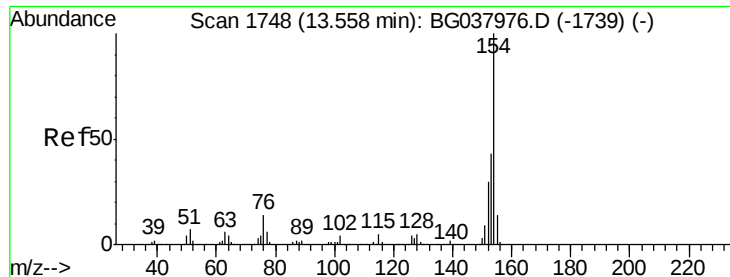
#45
 2-Fluorobiphenyl
 Concen: 79.324 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.01 min
 Lab File: BG038017.D
 Acq: 15 Nov 2018 13:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.0	46.4
170	25.9	20.2	30.2



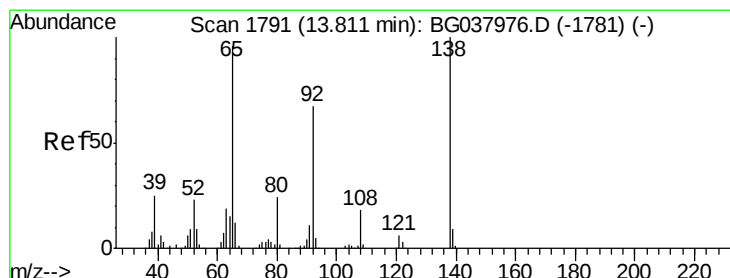
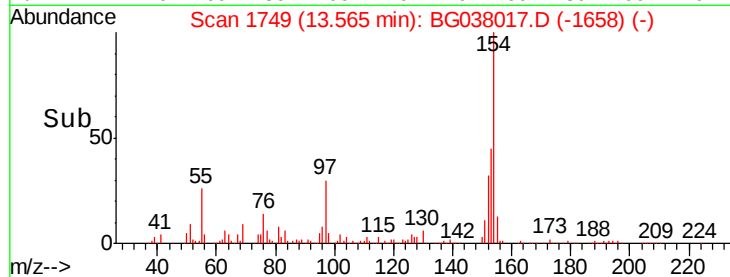
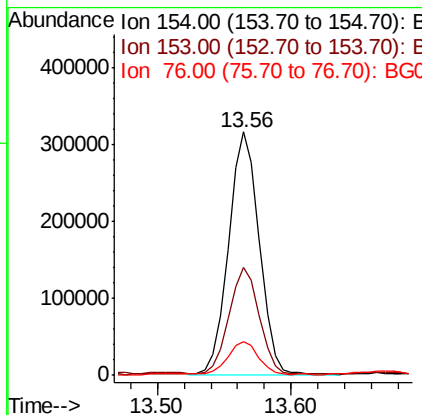
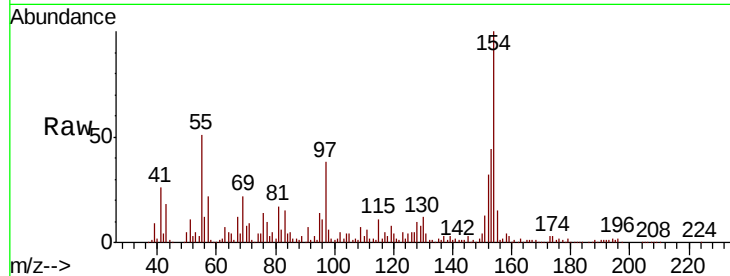
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





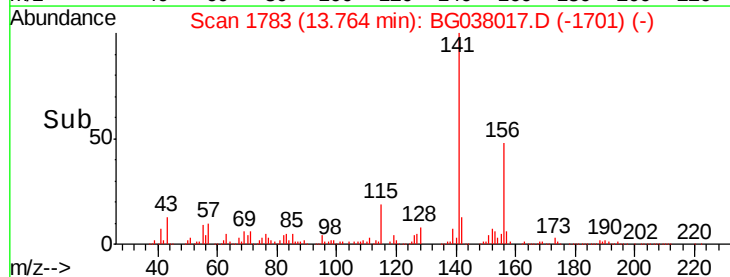
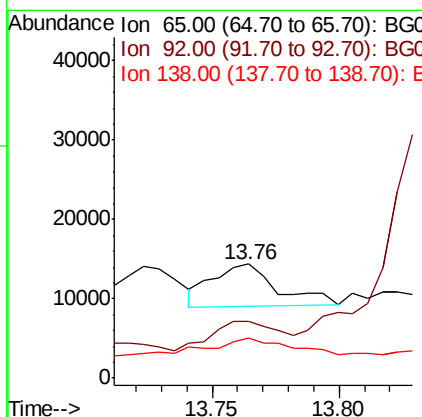
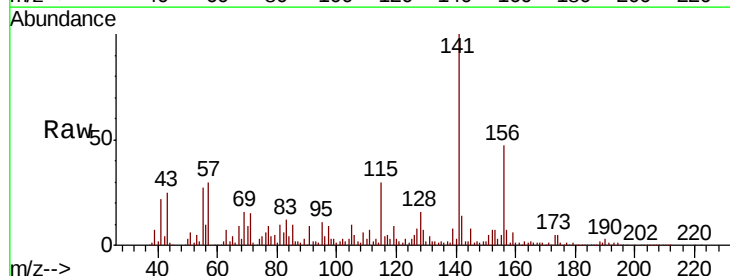
#46
 1,1'-Biphenyl
 Concen: 40.484 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. 0.01 min
 Lab File: BG038017.D
 Acq: 15 Nov 2018 13:45

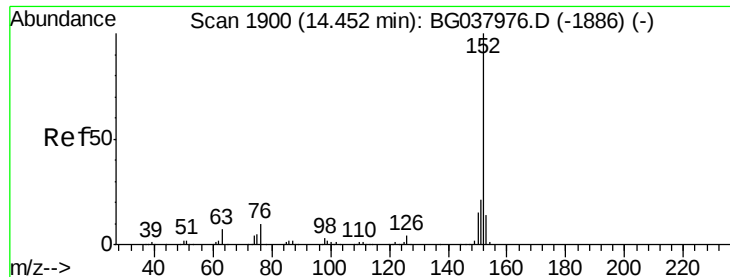
Tot Ion:	154	Resp:	501398
Ion	Ratio	Lower	Upper
154	100		
153	44.2	22.1	62.1
76	13.9	0.0	33.2



#48
 2-Nitroaniline
 Concen: 3.194 ng
 RT: 13.76 min Scan# 1783
 Delta R.T. -0.05 min
 Lab File: BG038017.D
 Acq: 15 Nov 2018 13:45

Tgt Ion:	65	Resp:	9499
Ion	Ratio	Lower	Upper
65	100		
92	49.7	53.2	79.8#
138	35.3	79.3	118.9#





#49

Acenaphthylene

Concen: 2.935 ng

RT: 14.46 min Scan# 1901

Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

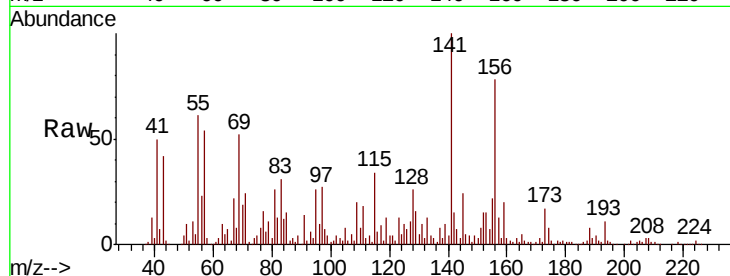
Tot Ion:152 Resp: 41718

Ion Ratio Lower Upper

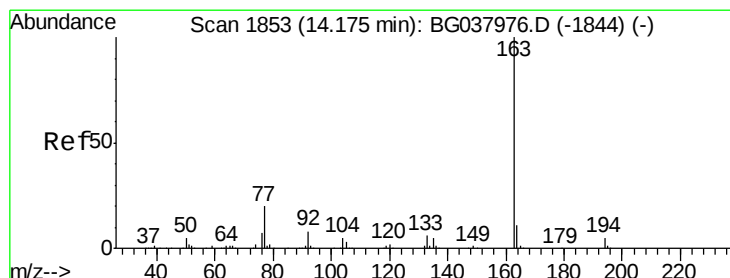
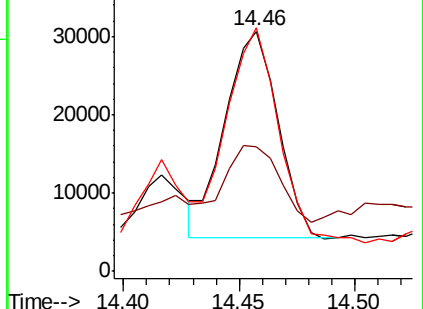
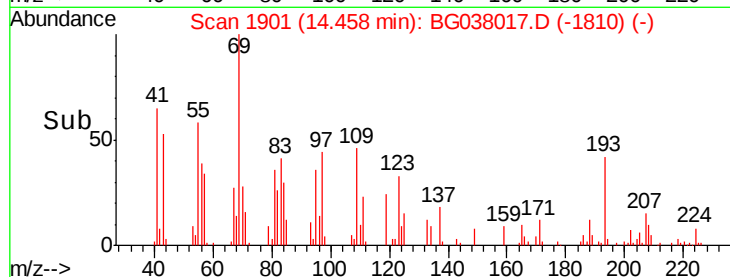
152 100

151 51.7 17.1 25.7#

153 101.3 11.1 16.7#



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



#50

Dimethylphthalate

Concen: 9.369 ng

RT: 14.18 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

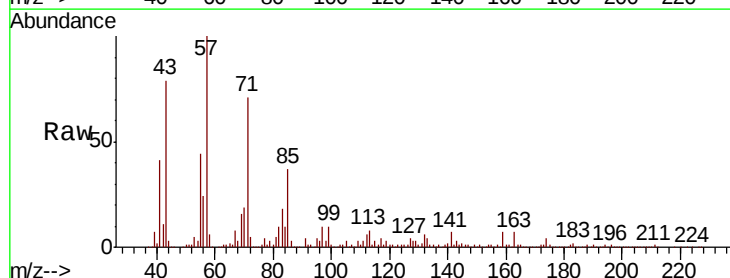
Tgt Ion:163 Resp: 109496

Ion Ratio Lower Upper

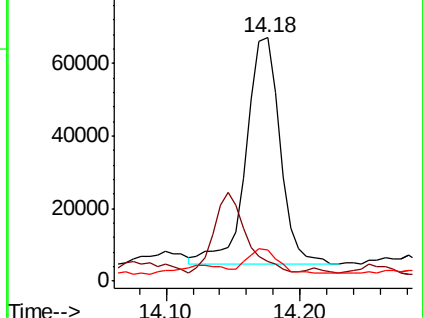
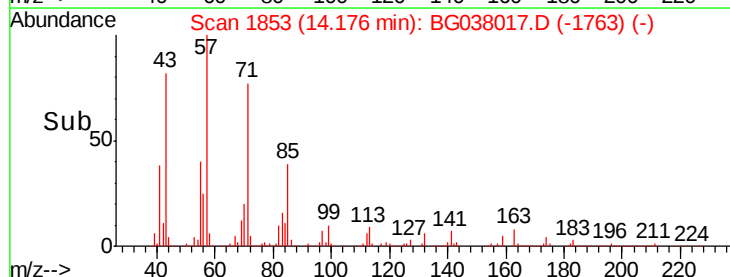
163 100

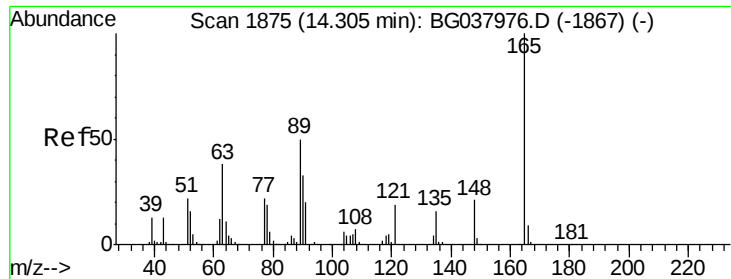
194 8.1 3.5 5.3#

164 12.8 8.5 12.7#



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: 3.603 ng

RT: 14.33 min Scan# 1879

Delta R.T. 0.02 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

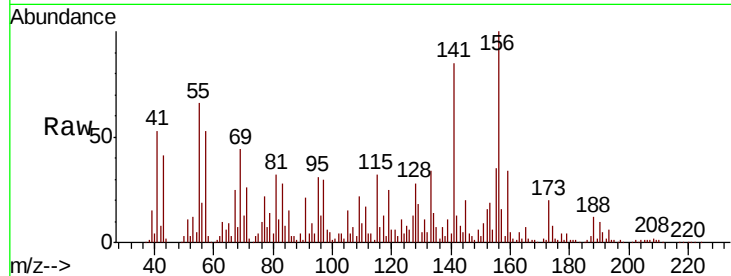
Tot Ion:165 Resp: 9531

Ion Ratio Lower Upper

165 100

63 143.9 43.4 65.2#

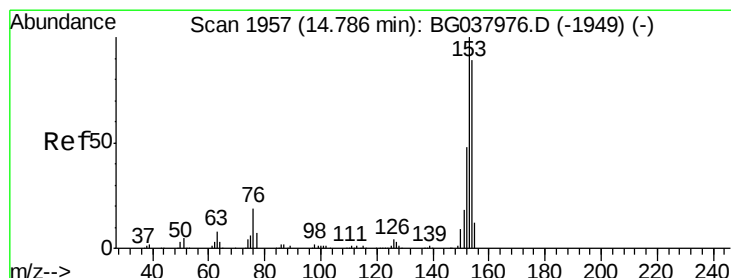
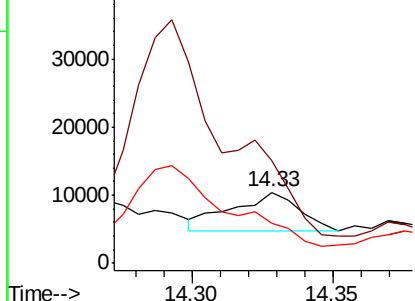
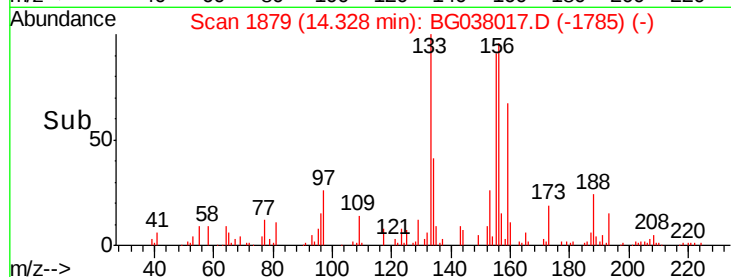
89 56.5 45.8 68.6



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: 10.109 ng

RT: 14.80 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

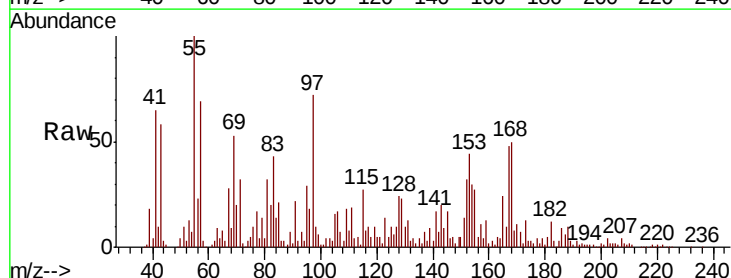
Tgt Ion:154 Resp: 86489

Ion Ratio Lower Upper

154 100

153 147.3 93.4 140.0#

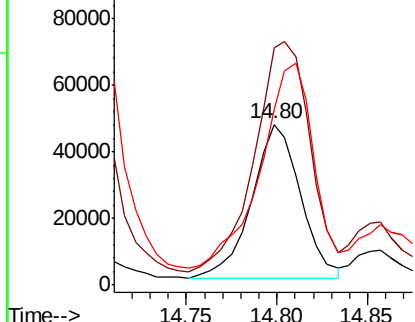
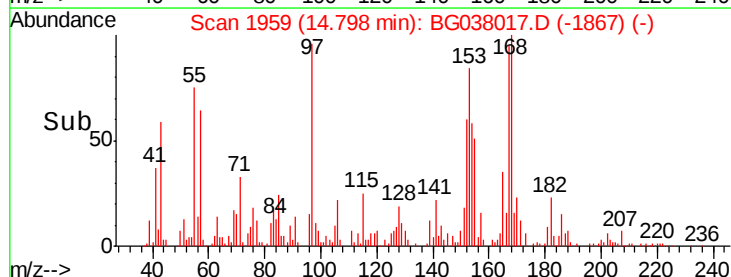
152 109.6 44.7 67.1#

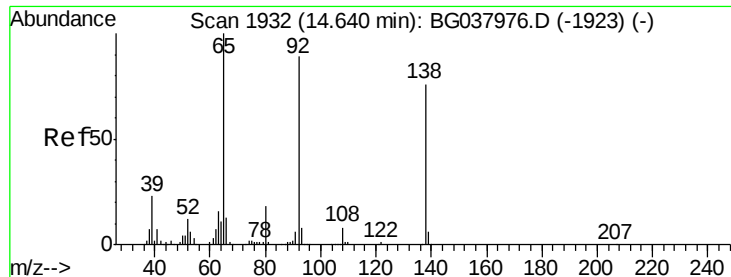


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

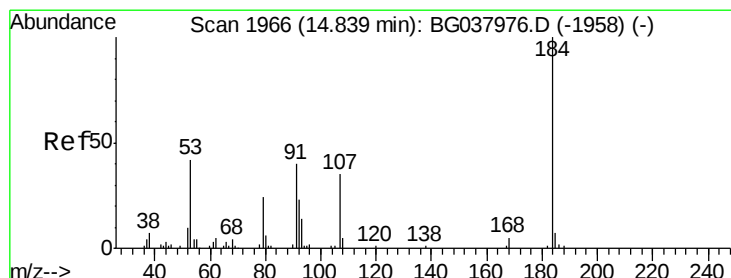
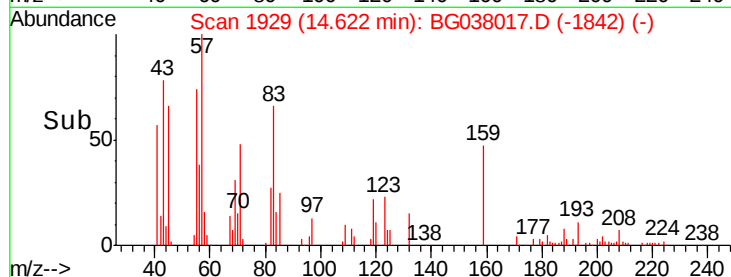
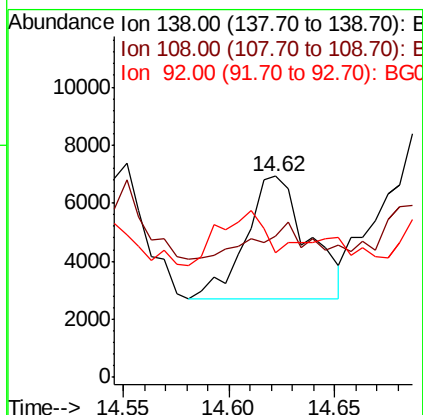
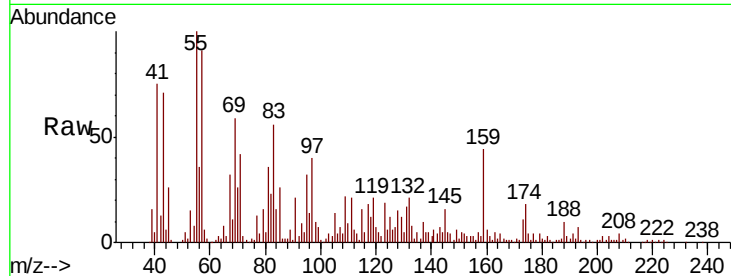
Ion 152.00 (151.70 to 152.70): E





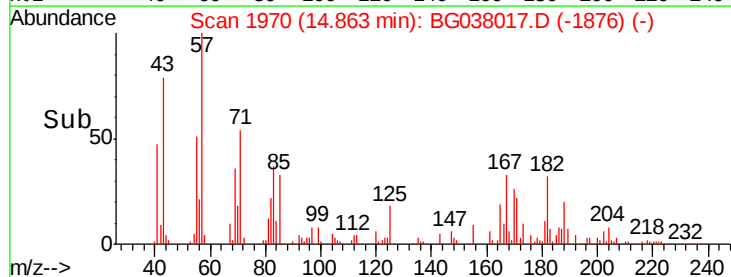
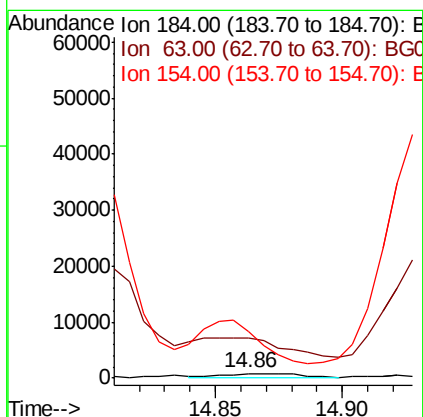
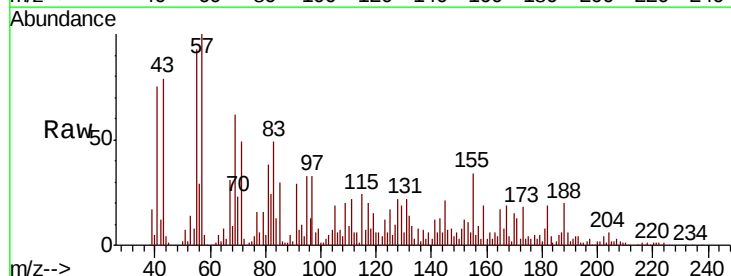
#53
3-Nitroaniline
Concen: 2.989 ng
RT: 14.62 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

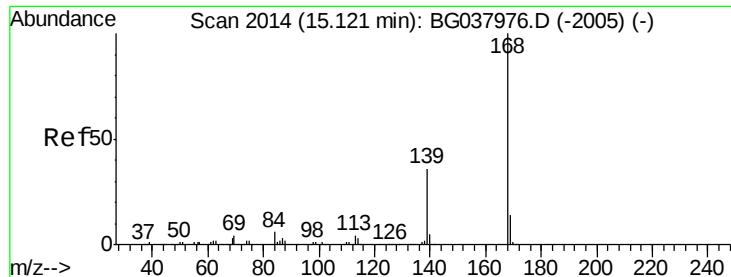
Tot Ion:138 Resp: 8723
Ion Ratio Lower Upper
138 100
108 70.1 11.0 16.6#
92 61.7 95.2 142.8#



#54
2,4-Dinitrophenol
Concen: 10.047 ng
RT: 14.86 min Scan# 1970
Delta R.T. 0.02 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tgt Ion:184 Resp: 1232
Ion Ratio Lower Upper
184 100
63 844.6 42.6 63.8#
154 984.3 41.8 62.6#





#55

Dibenzofuran

Concen: 10.888 ng

RT: 15.13 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

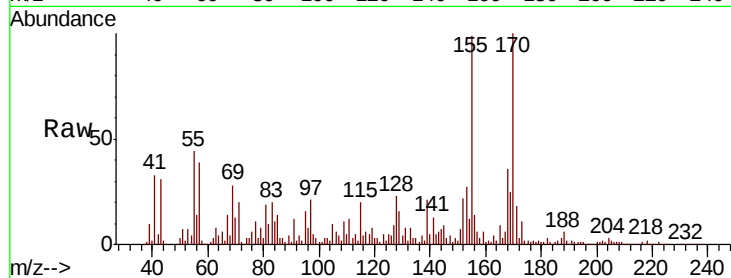
Tot Ion:168 Resp: 154035

Ion Ratio Lower Upper

168 100

139 57.9 29.4 44.0#

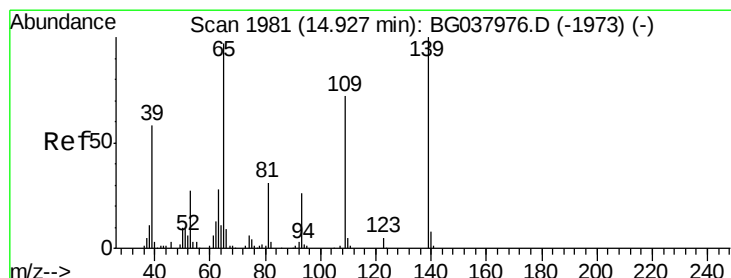
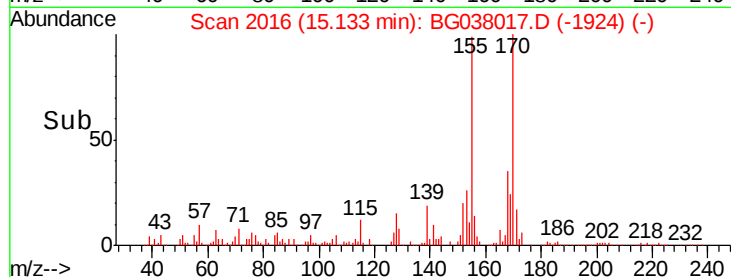
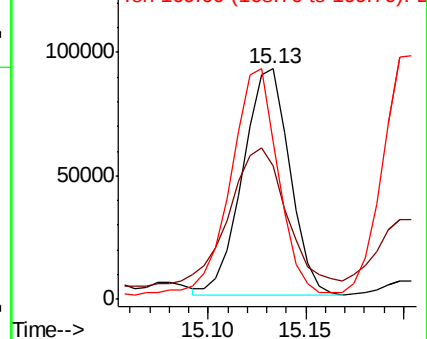
169 68.5 11.0 16.6#



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: 36.747 ng

RT: 14.93 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

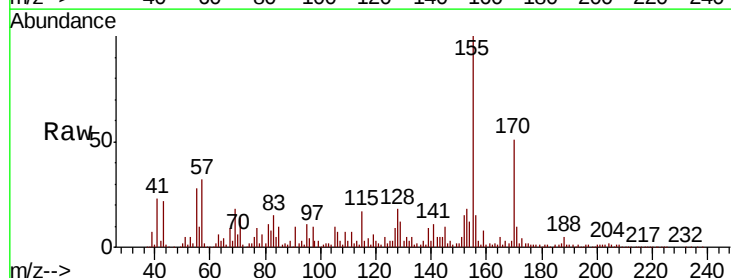
Tgt Ion:139 Resp: 82721

Ion Ratio Lower Upper

139 100

109 74.3 49.5 89.5

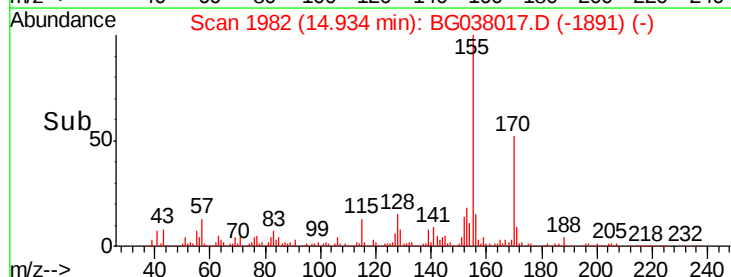
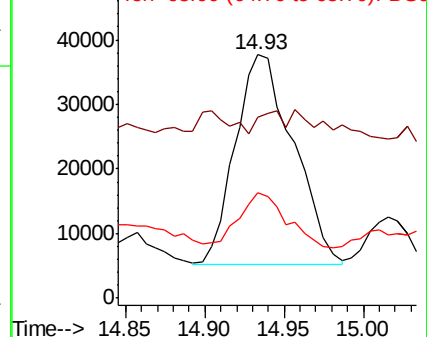
65 43.3 76.8 116.8#

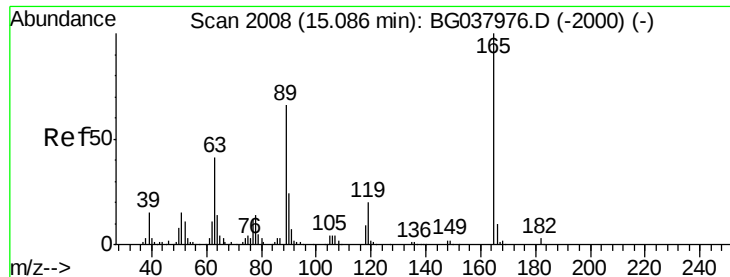


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

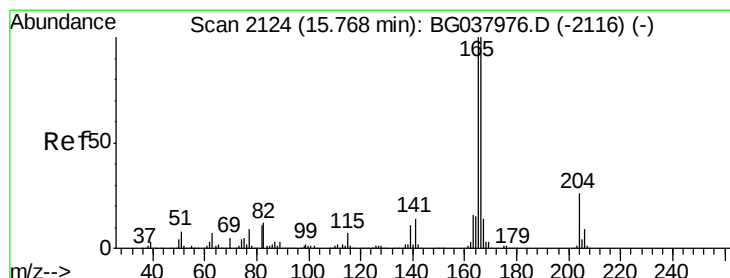
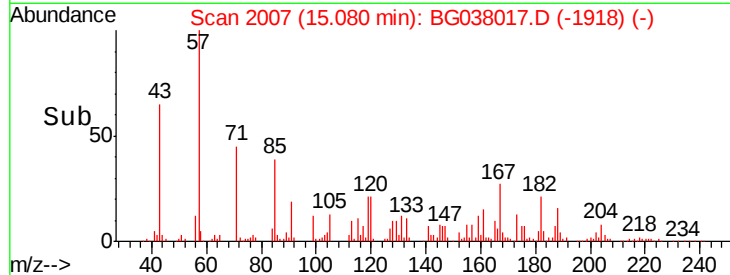
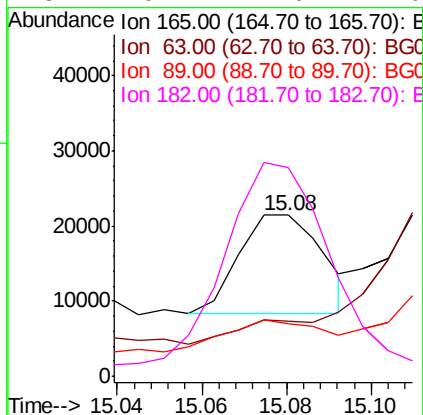
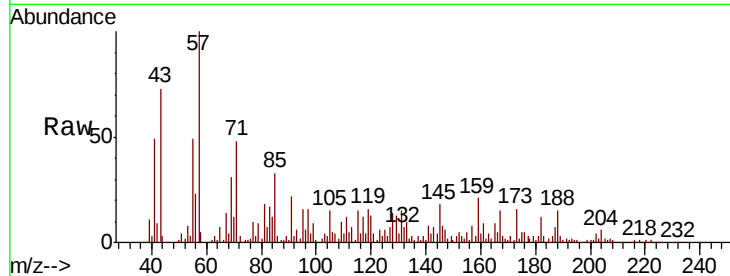
Ion 65.00 (64.70 to 65.70): BGC





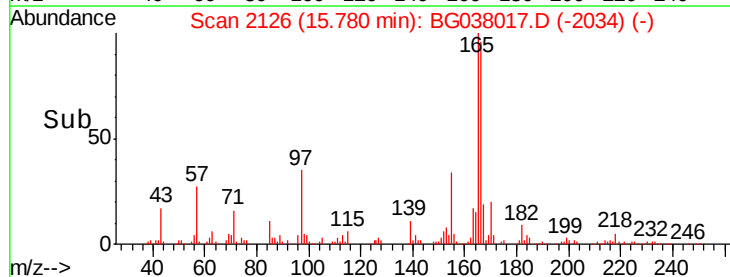
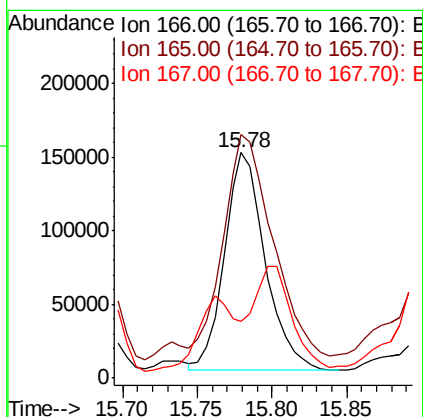
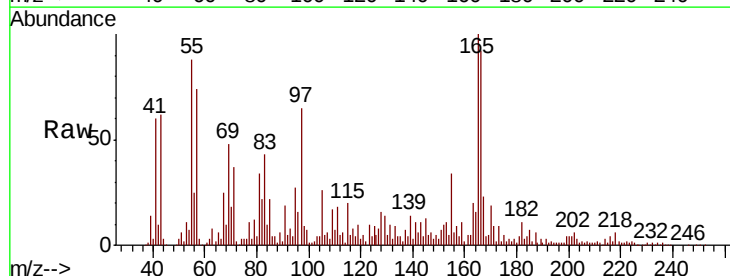
#57
 2,4-Dinitrotoluene
 Concen: 4.962 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG038017.D
 Acq: 15 Nov 2018 13:45

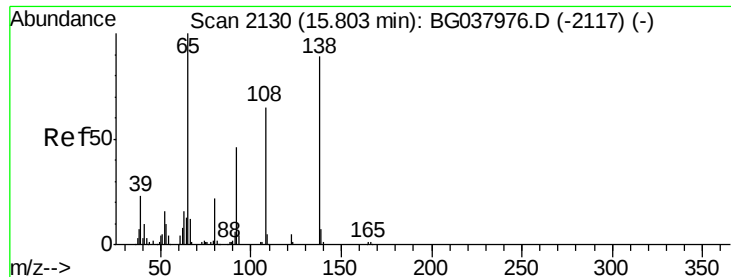
Tot	Ion:165	Resp:	17857
Ion	Ratio	Lower	Upper
165	100		
63	34.5	33.4	50.0
89	32.4	57.2	85.8#
182	129.7	2.6	4.0#



#58
 Fluorene
 Concen: 26.610 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BG038017.D
 Acq: 15 Nov 2018 13:45

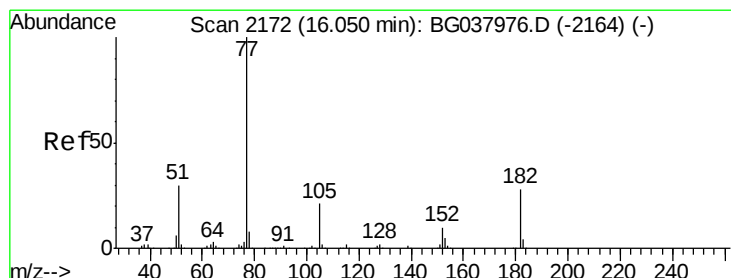
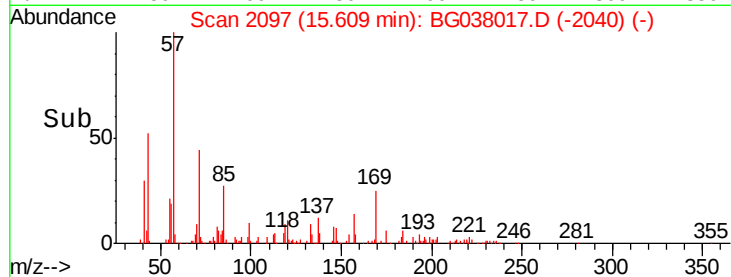
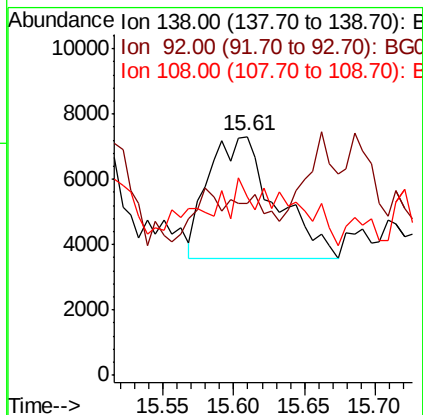
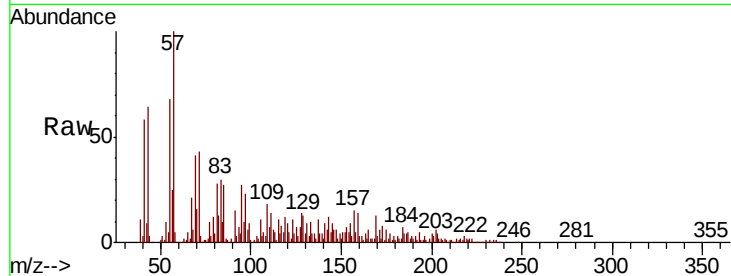
Tgt	Ion:166	Resp:	280886
Ion	Ratio	Lower	Upper
166	100		
165	108.1	79.0	118.6
167	25.2	11.3	16.9#





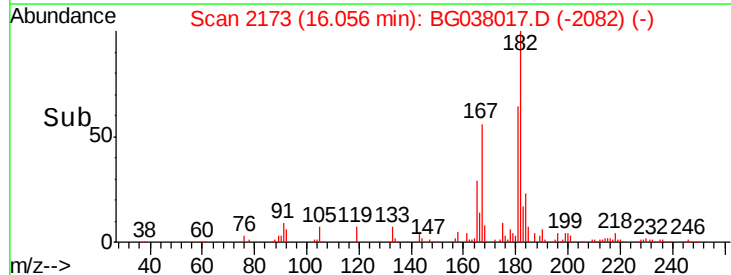
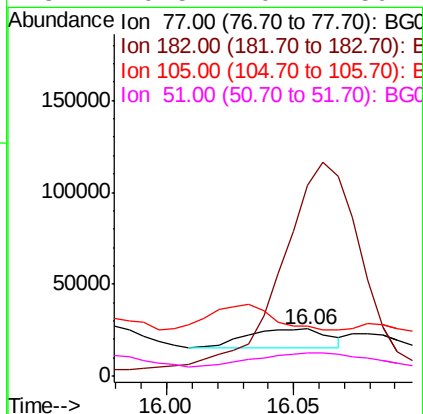
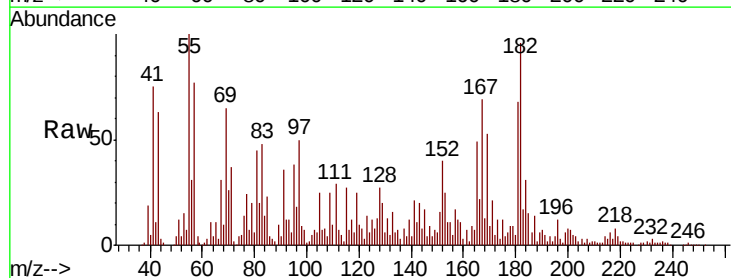
#62
4-Nitroaniline
Concen: 4.254 ng
RT: 15.61 min Scan# 2097
Delta R.T. -0.19 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

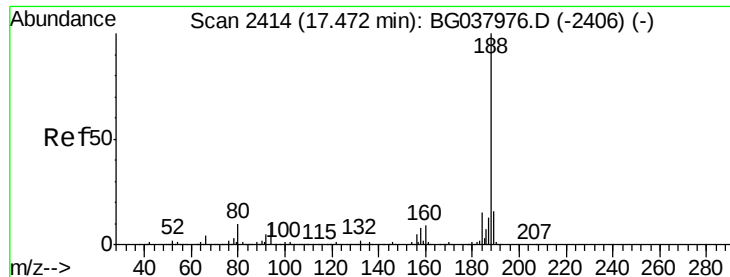
Tot Ion:138 Resp: 12335
Ion Ratio Lower Upper
138 100
92 72.2 36.4 76.4
108 74.6 60.1 100.1



#63
Azobenzene
Concen: 2.033 ng
RT: 16.06 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tgt Ion: 77 Resp: 22568
Ion Ratio Lower Upper
77 100
182 405.6 8.0 48.0#
105 105.6 1.3 41.3#
51 49.5 10.7 50.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

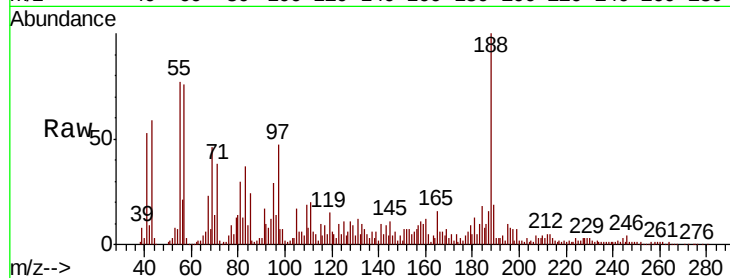
Tot Ion:188 Resp: 242524

Ion Ratio Lower Upper

188 100

94 12.3 7.2 10.8#

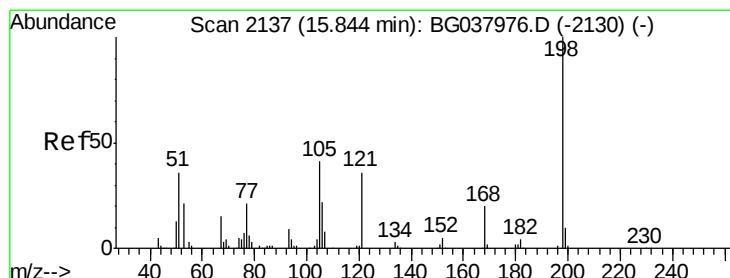
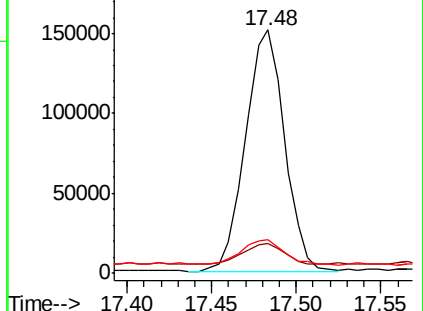
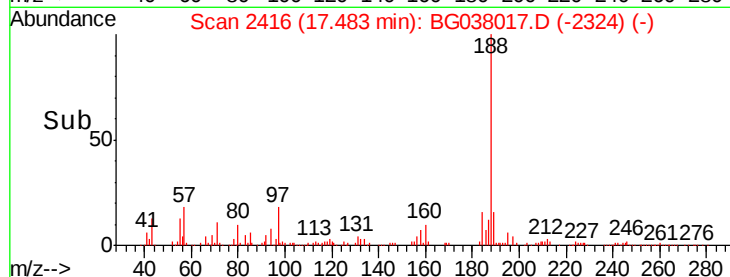
80 13.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#65

4,6-Dinitro-2-methylphenol

Concen: 2.036 ng

RT: 15.89 min Scan# 2145

Delta R.T. 0.05 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

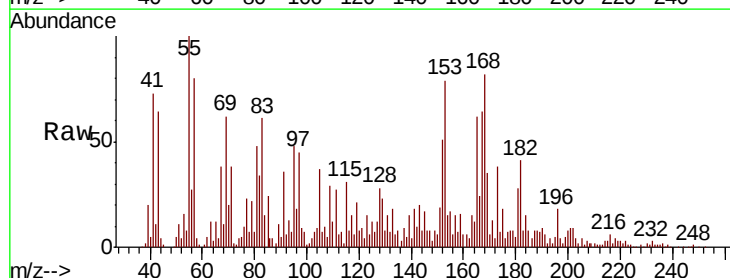
Tgt Ion:198 Resp: 3123

Ion Ratio Lower Upper

198 100

51 568.5 22.7 62.7#

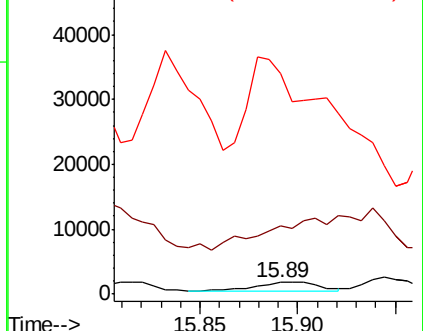
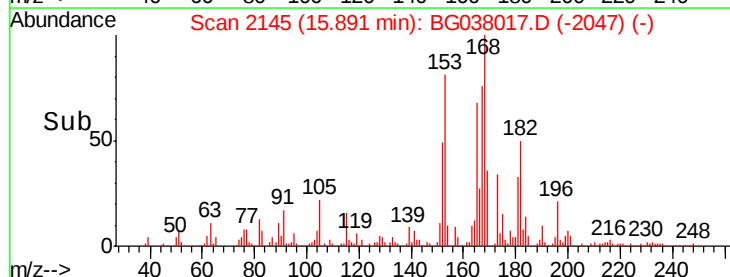
105 1857.1 19.7 59.7#

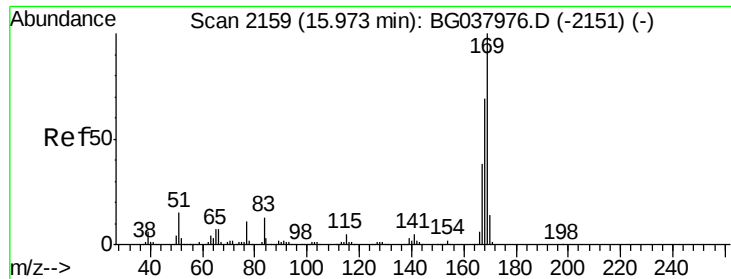


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 26.200 ng

RT: 15.98 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

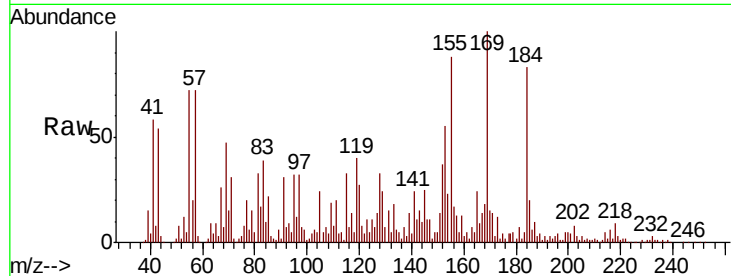
Tot Ion:169 Resp: 192229

Ion Ratio Lower Upper

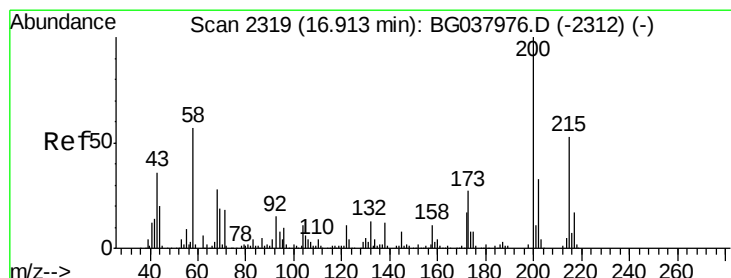
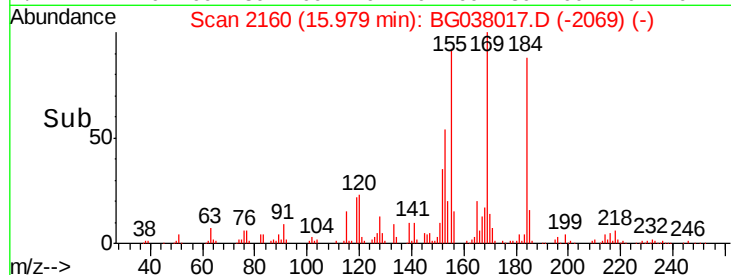
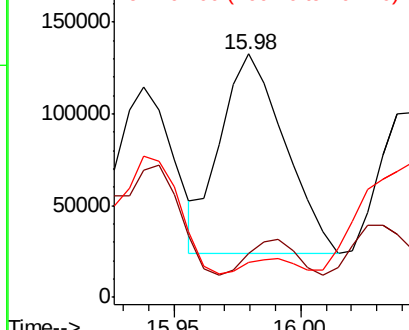
169 100

168 18.1 55.7 83.5#

167 14.2 31.3 46.9#



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



#69

Atrazine

Concen: 3.343 ng

RT: 16.92 min Scan# 2320

Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

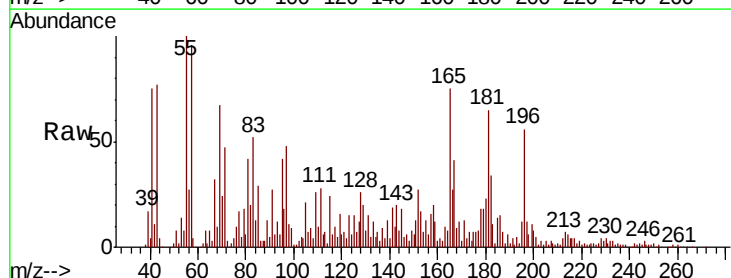
Tgt Ion:200 Resp: 9041

Ion Ratio Lower Upper

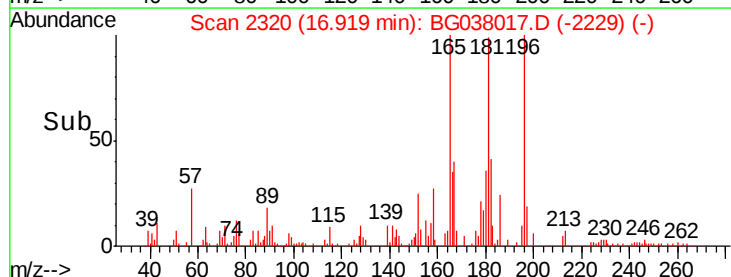
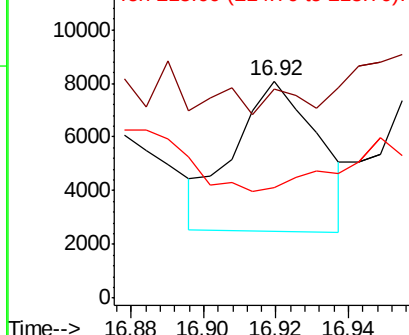
200 100

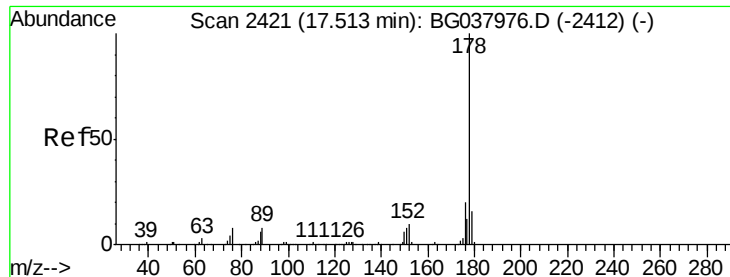
173 96.3 6.1 46.1#

215 50.8 30.8 70.8



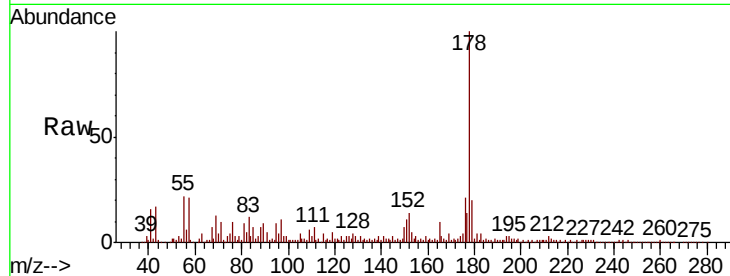
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#71
Phenanthrene
Concen: 62.799 ng
RT: 17.52 min Scan# 2423
Delta R.T. 0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.1	24.1
179	20.1	13.0	19.4

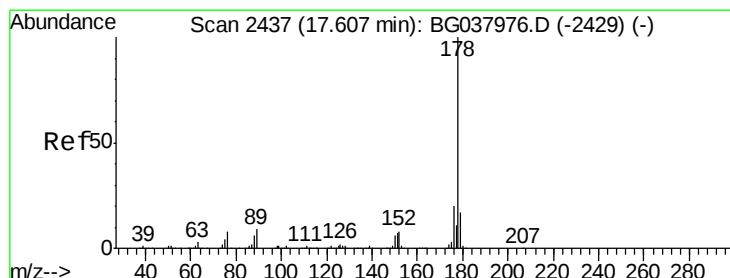
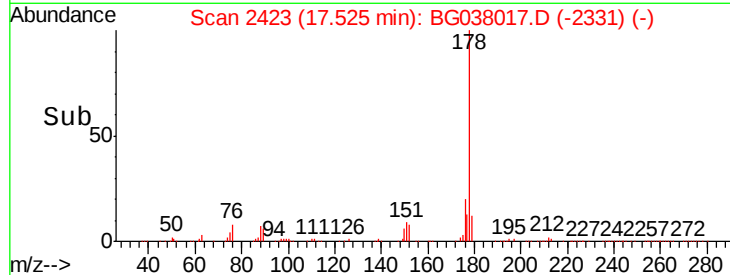
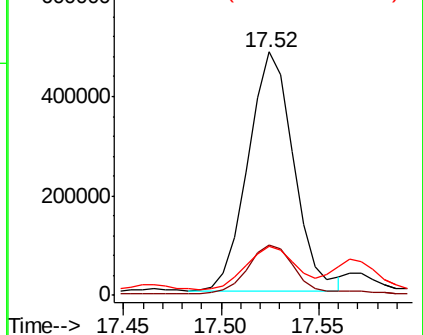


Abundance

Ion 178.00 (177.70 to 178.70): E

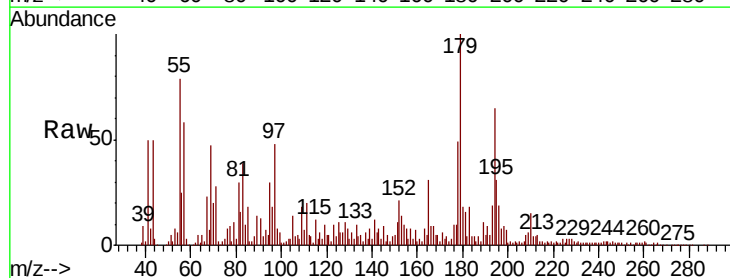
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 14.446 ng
RT: 17.67 min Scan# 2447
Delta R.T. 0.06 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.0	22.4
179	203.7	12.8	19.2

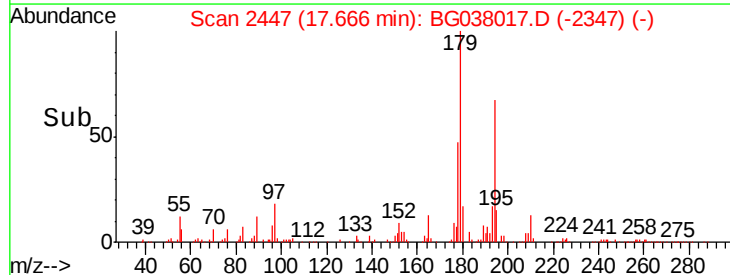
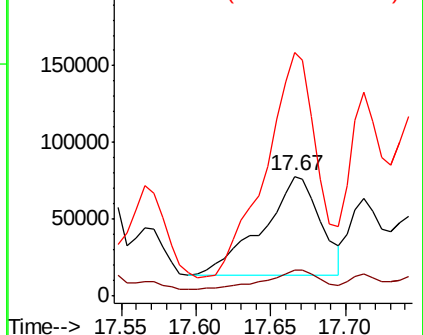


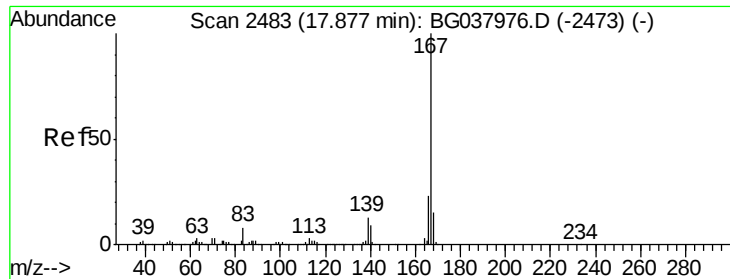
Abundance

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





#73

Carbazole

Concen: 2.850 ng

RT: 17.88 min Scan# 2484

Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

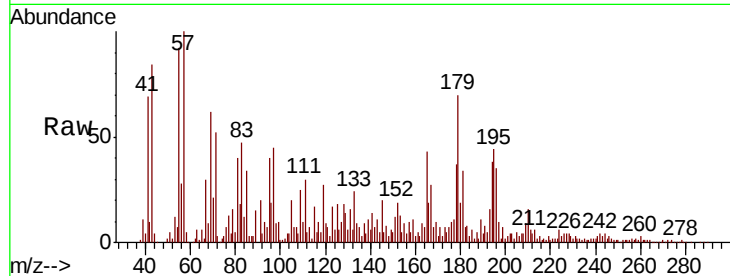
Tot Ion:167 Resp: 34994

Ion Ratio Lower Upper

167 100

166 70.9 18.3 27.5#

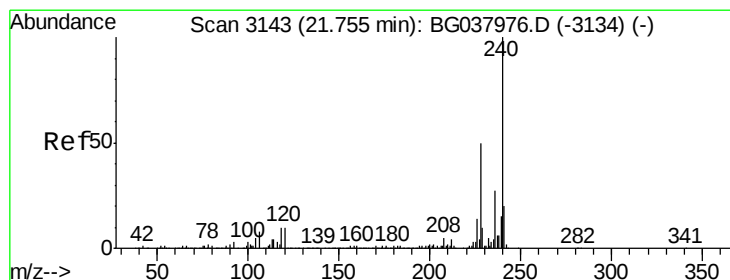
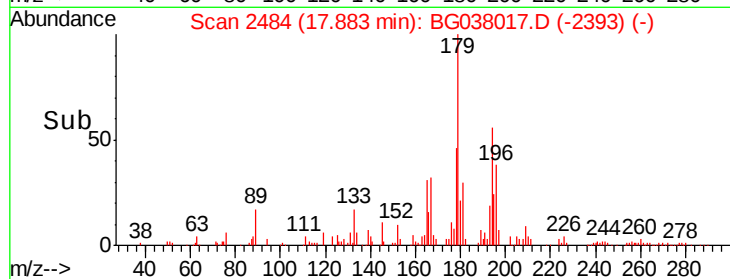
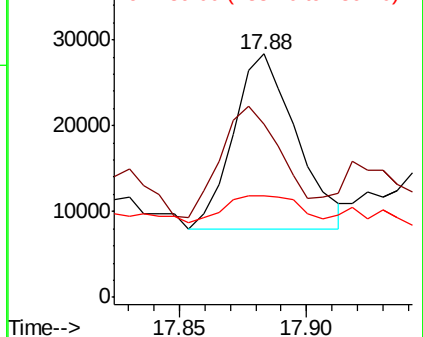
139 41.5 10.5 15.7#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

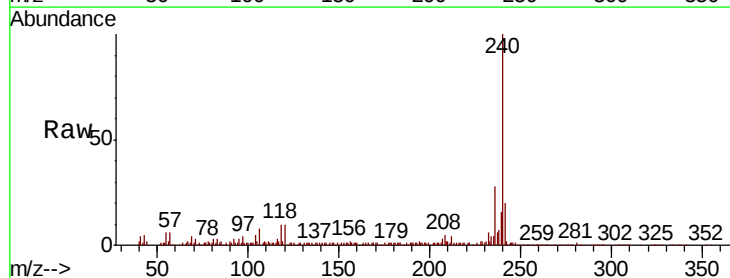
Tgt Ion:240 Resp: 259439

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

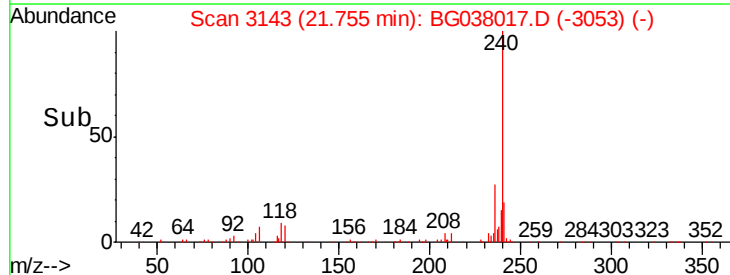
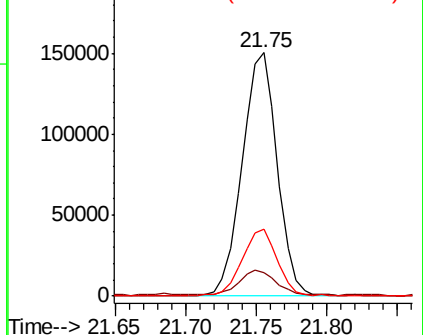
236 27.6 21.4 32.0

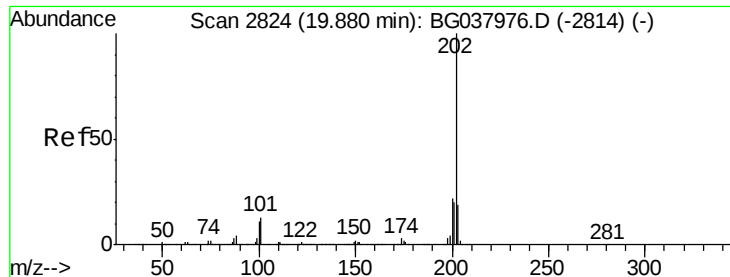


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

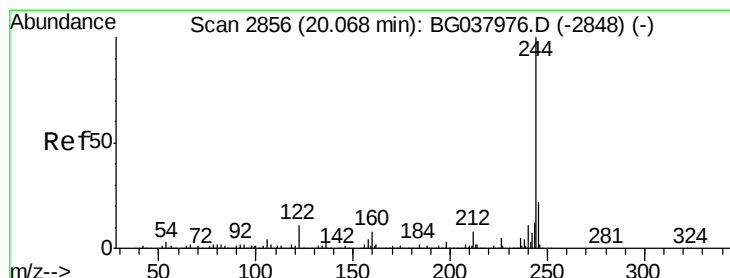
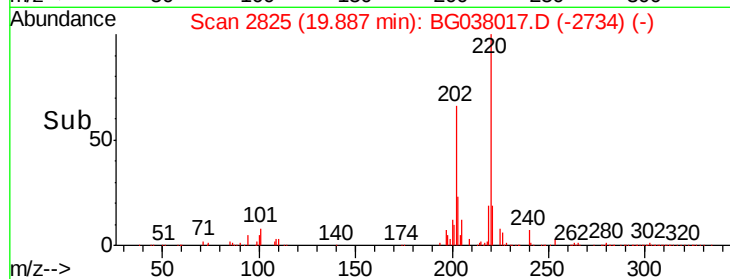
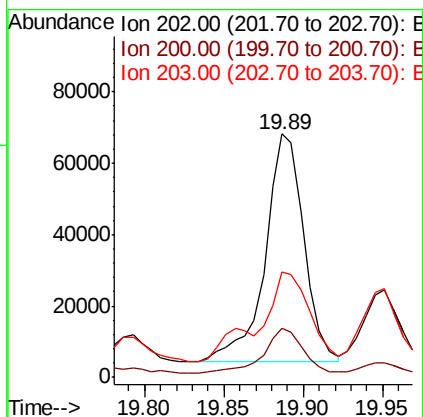
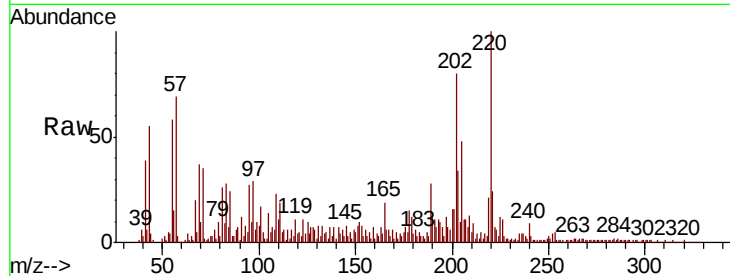
Ion 236.00 (235.70 to 236.70): E





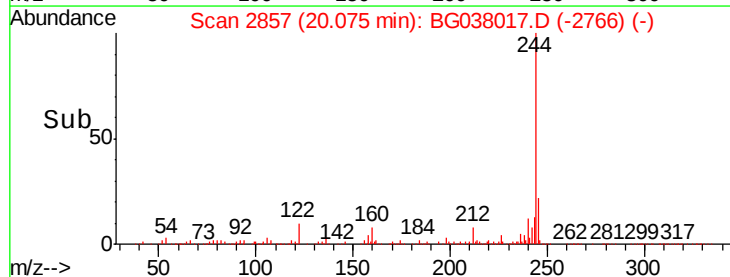
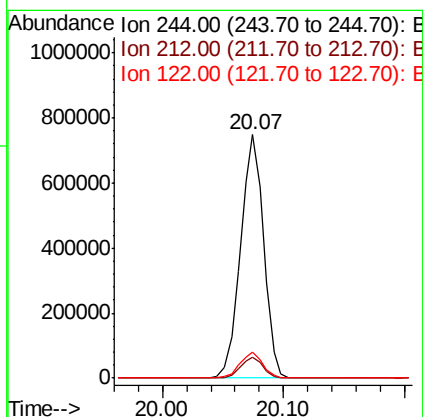
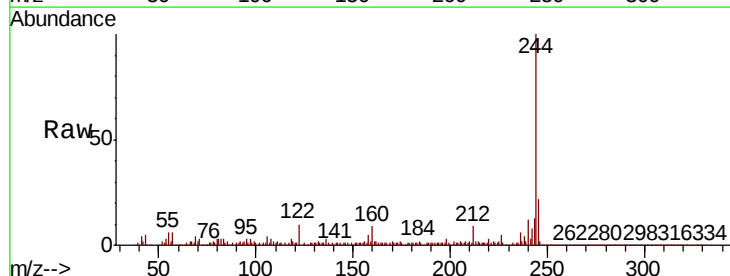
#78
Pvrene
Concen: 6.442 ng
RT: 19.89 min Scan# 2825
Delta R.T. 0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

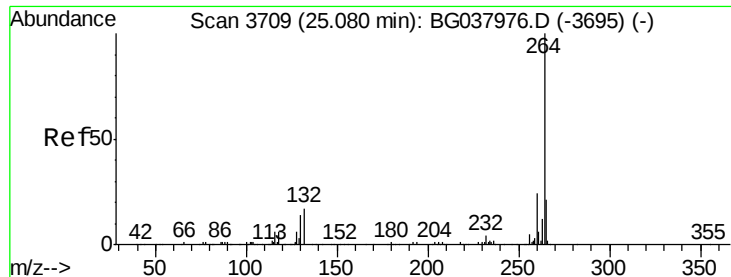
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	43.0	15.2	22.8



#79
Terphenyl-d14
Concen: 90.127 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	10.4	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tot Ion:	264	Resp:	292094
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.3	17.9	26.9

