

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039820.D
 Acq On : 8 Mar 2019 14:20
 Operator : JU/SJ
 Sample : K1807-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:10:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41962	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	194706	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	138147	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	343270	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	330991	20.00	ng	-0.02
87) Perylene-d12	25.18	264	335321	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	293345	119.26	ng	-0.01
7) Phenol-d6	7.30	99	443723	120.99	ng	-0.01
23) Nitrobenzene-d5	9.33	82	255202	70.89	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	177442	110.20	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	634975	65.44	ng	-0.01
79) Terphenyl-d14	20.12	244	947451	63.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	55	0.048	ng	# 1
4) n-Nitrosodimethylamine	3.93	42	294	0.204	ng	# 1
6) Aniline	7.32	93	302	0.063	ng	# 1
8) 2-Chlorophenol	7.72	128	59	0.020	ng	# 41
9) Benzaldehyde	7.29	77	833	0.352	ng	# 4
10) Phenol	7.32	94	31219	7.858	ng	# 95
11) bis(2-Chloroethyl)ether	7.69	93	369	0.119	ng	# 1
15) Benzyl Alcohol	8.48	79	4088	1.405	ng	# 61
19) n-Nitroso-di-n-propylamine	9.33	70	33369	12.641	ng	# 67
24) Nitrobenzene	9.33	77	659	0.174	ng	# 32
46) 1,1'-Biphenyl	13.62	154	768	0.068	ng	# 92
48) 2-Nitroaniline	13.64	65	448	0.163	ng	# 10
50) Dimethylphthalate	14.22	163	39218	3.395	ng	# 97
51) 2,6-Dinitrotoluene	14.78	165	17769	7.256	ng	# 23
52) Acenaphthene	14.78	154	417	0.049	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	17769	5.164	ng	# 18
58) Fluorene	16.26	166	7747	0.711	ng	# 90
60) Diethylphthalate	15.57	149	587	0.051	ng	# 58
63) Azobenzene	16.26	77	1142	0.110	ng	# 9
65) 4,6-Dinitro-2-methylphenol	16.27	198	591	0.291	ng	# 6
66) n-Nitrosodiphenylamine	16.26	169	7485	0.753	ng	# 50
67) 4-Bromophenyl-phenylether	16.26	248	13451	3.501	ng	# 1
71) Phenanthrene	17.56	178	570	0.030	ng	# 63
72) Anthracene	17.56	178	570	0.031	ng	# 62
74) Di-n-butylphthalate	18.46	149	1572	0.080	ng	# 77
75) Fluoranthene	19.57	202	290	0.013	ng	# 63
77) Benzidine	19.77	184	503	0.048	ng	# 65
78) Pyrene	19.94	202	171	0.008	ng	# 55
80) Butylbenzylphthalate	20.79	149	170	0.020	ng	# 22
81) Benzo(a)anthracene	21.82	228	1058	0.051	ng	# 45
82) 3,3'-Dichlorobenzidine	21.66	252	60	0.008	ng	# 26
83) Chrysene	21.82	228	1058	0.053	ng	# 43
84) Bis(2-ethylhexyl)phthalate	21.65	149	5362	0.458	ng	# 90
85) Di-n-octyl phthalate	22.90	149	56	0.003	ng	# 71

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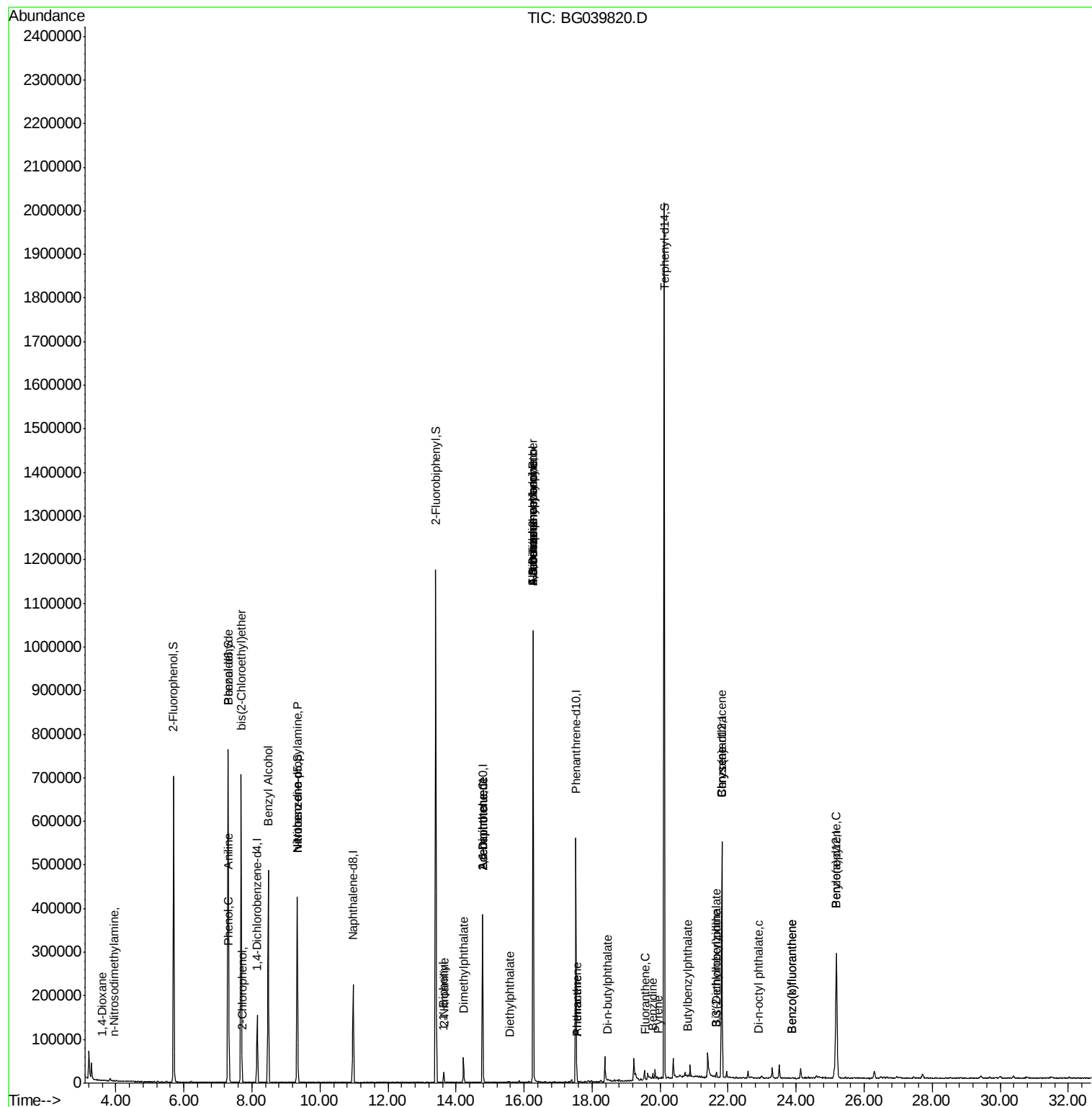
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.87	252	55	0.003	ng	# 60
89) Benzo(k)fluoranthene	23.87	252	55	0.003	ng	# 59
90) Benzo(a)pyrene	25.18	252	1149	0.062	ng	# 69

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

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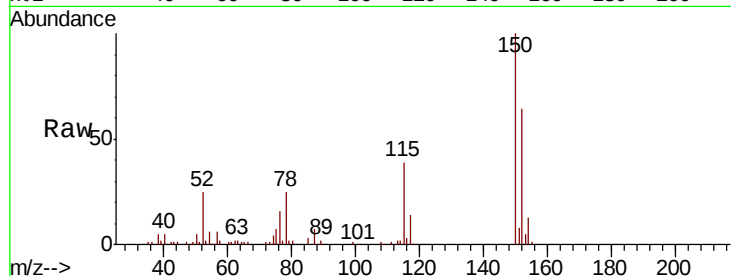


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039820.D
Acq: 8 Mar 2019 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.7	185.5
115	60.4	45.9	68.9

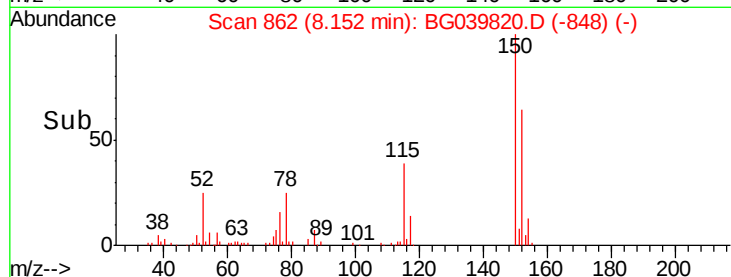
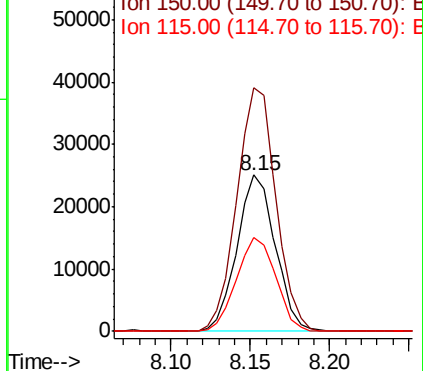


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

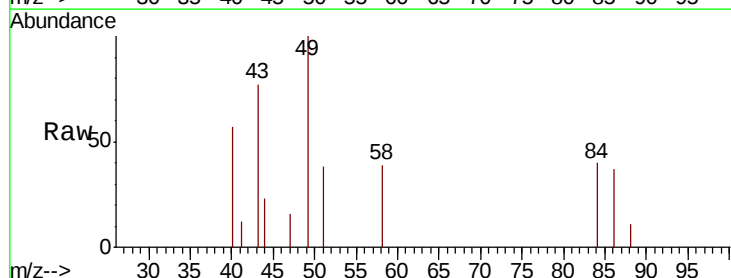
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.048 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG039820.D
Acq: 8 Mar 2019 14:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	443.6	81.1	121.7#
43	0.0	31.4	47.0#

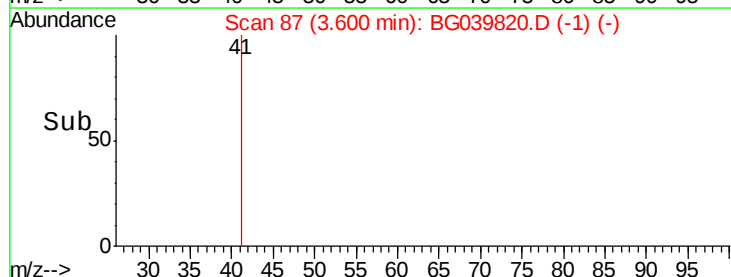
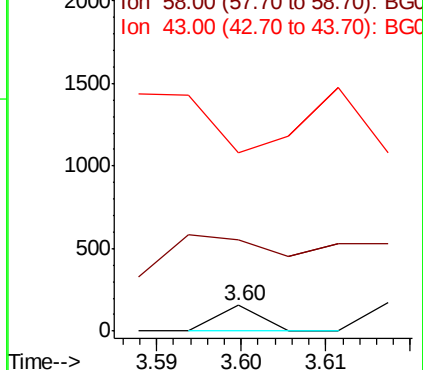


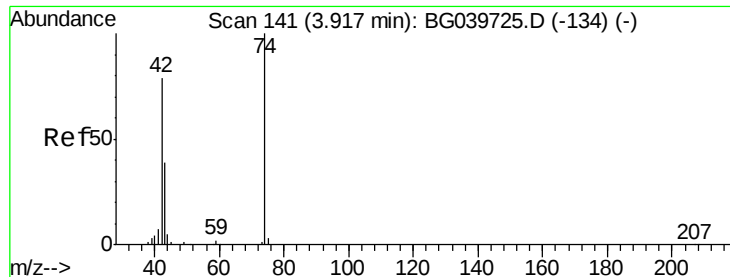
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



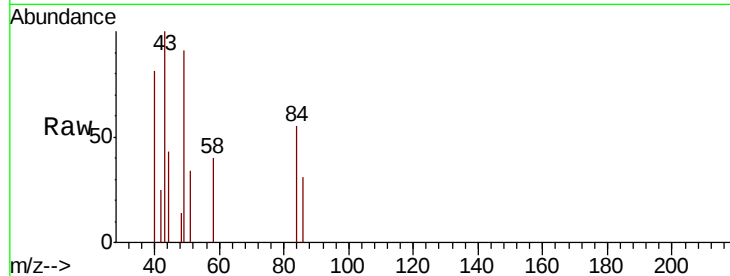


#4

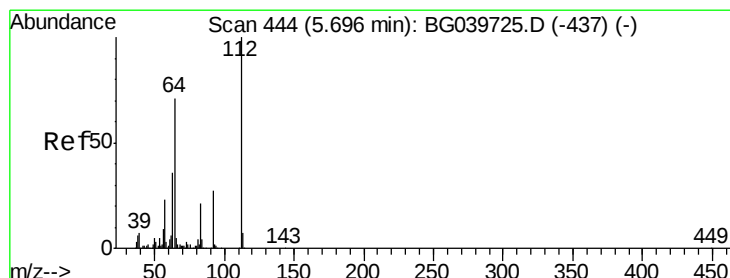
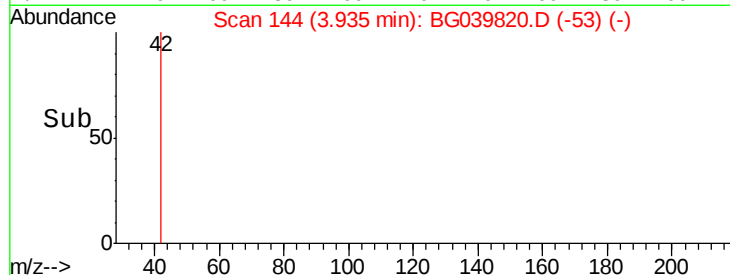
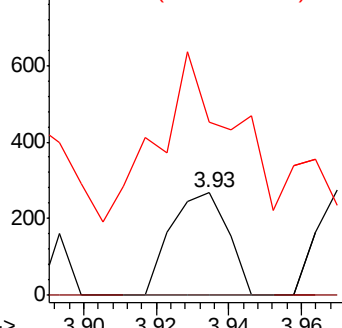
n-Nitrosodimethylamine
 Concen: 0.204 ng
 RT: 3.93 min Scan# 144
 Delta R.T. 0.01 min
 Lab File: BG039820.D
 Acq: 8 Mar 2019 14:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 42 Resp: 294
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 168.7 6.9 10.3#



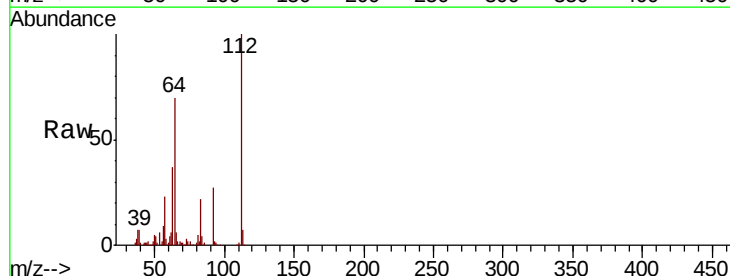
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



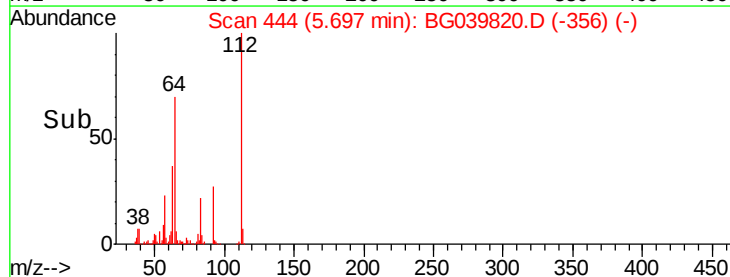
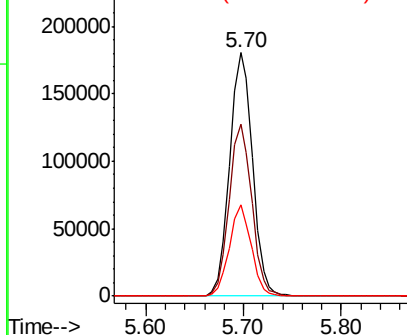
#5

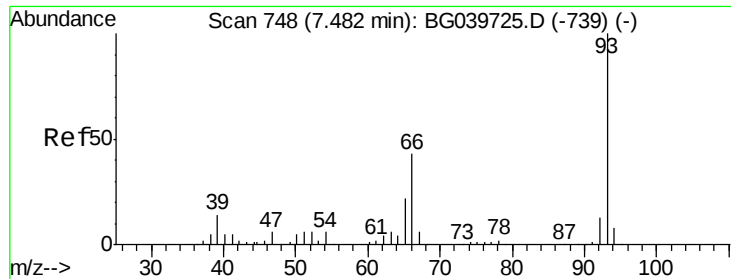
2-Fluorophenol
 Concen: 119.262 ng
 RT: 5.70 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BG039820.D
 Acq: 8 Mar 2019 14:20

Tgt Ion: 112 Resp: 293345
 Ion Ratio Lower Upper
 112 100
 64 70.5 57.8 86.8
 63 37.4 29.8 44.6



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





#6

Aniline

Concen: 0.063 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.18 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

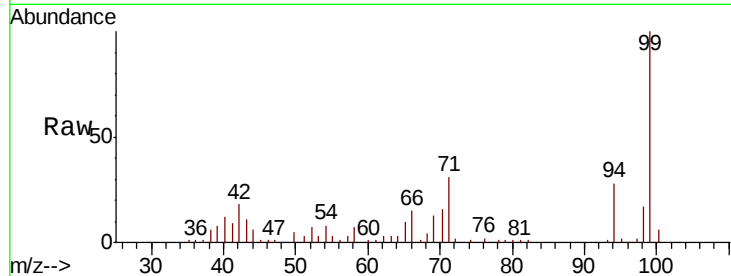
Tot Ion: 93 Resp: 302

Ion Ratio Lower Upper

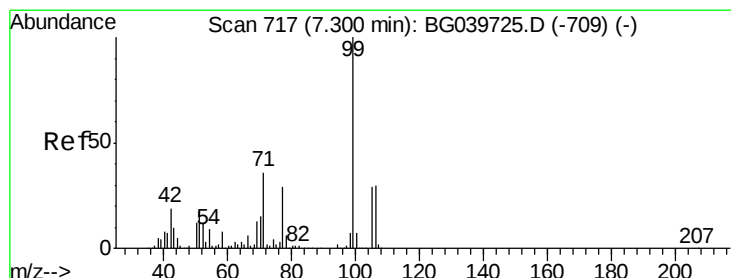
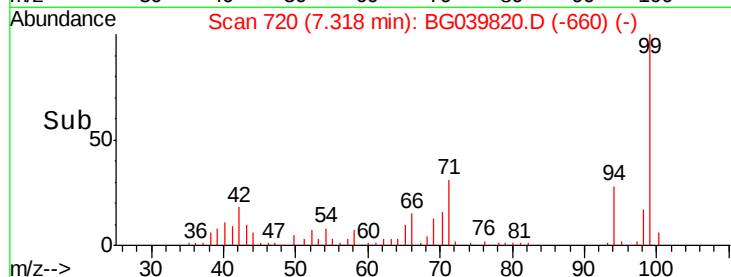
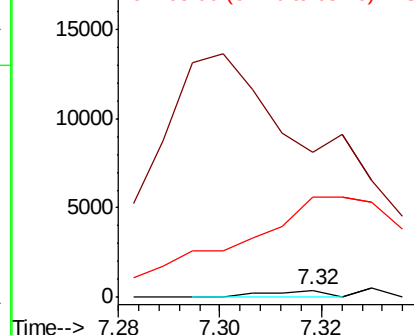
93 100

66 2067.0 34.2 51.4#

65 1438.9 17.7 26.5#



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: 120.988 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

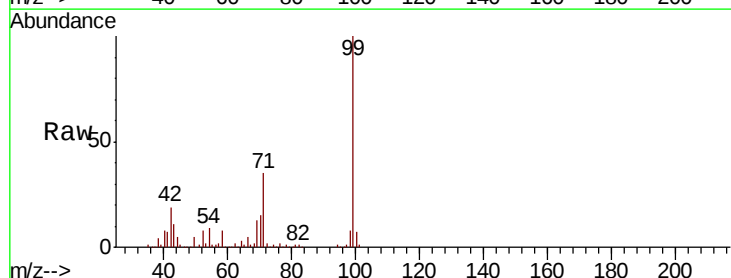
Tgt Ion: 99 Resp: 443723

Ion Ratio Lower Upper

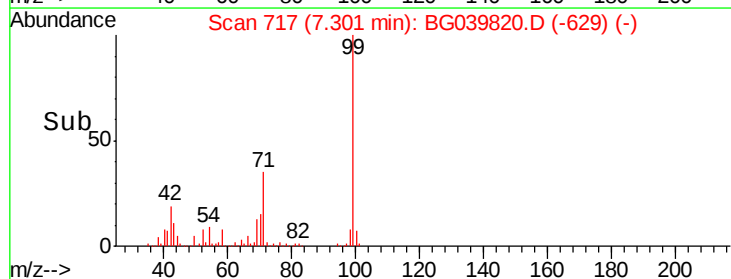
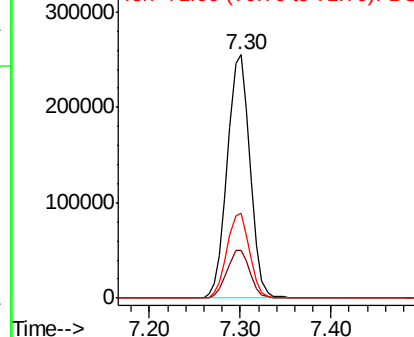
99 100

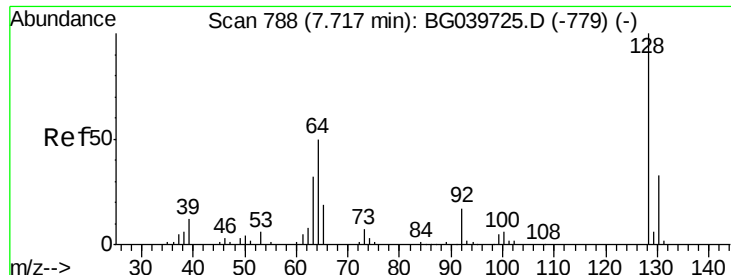
42 19.4 18.2 27.2

71 34.9 28.0 42.0



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

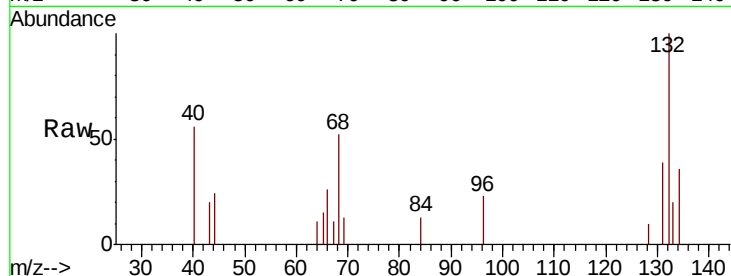




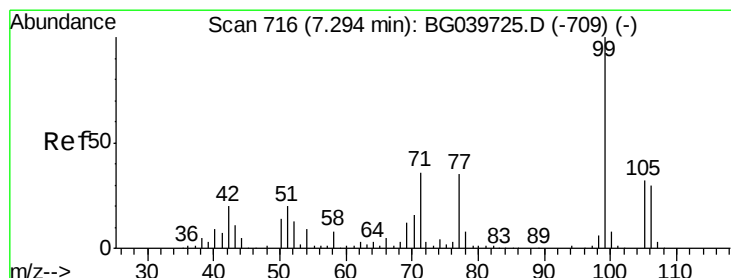
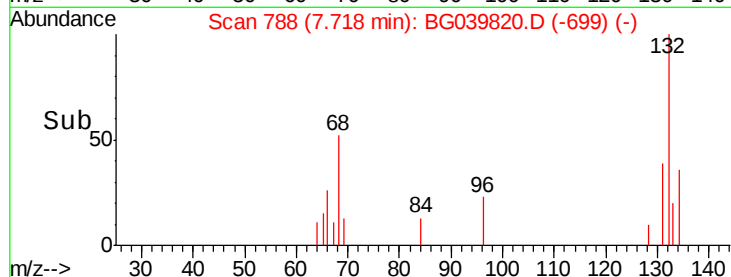
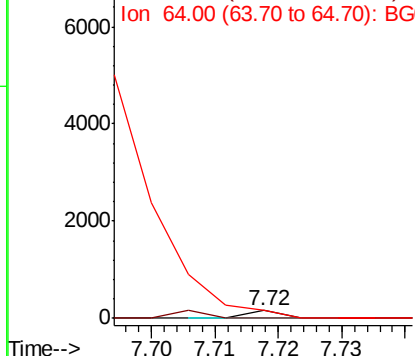
#8
2-Chlorophenol
Concen: 0.020 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG039820.D
Acq: 8 Mar 2019 14:20

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 59
Ion Ratio Lower Upper
128 100
130 0.0 12.9 52.9#
64 103.6 38.7 78.7#

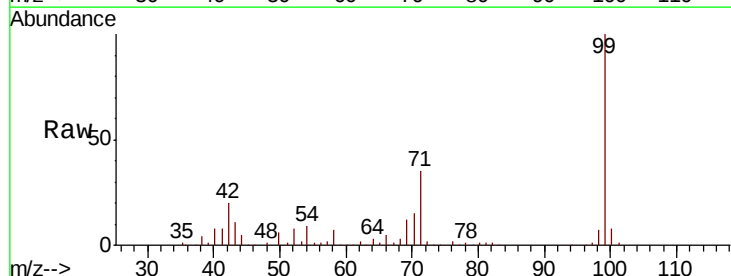


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC

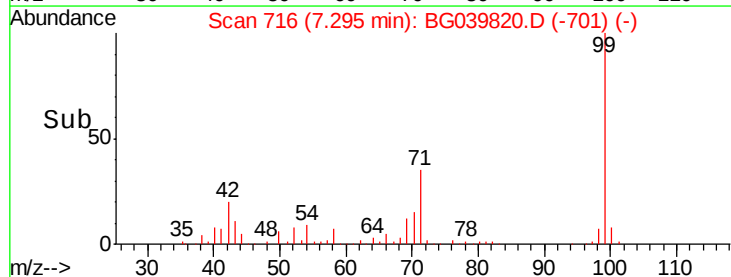
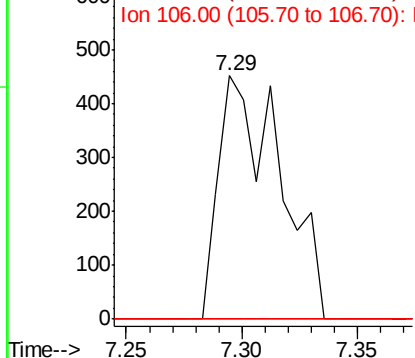


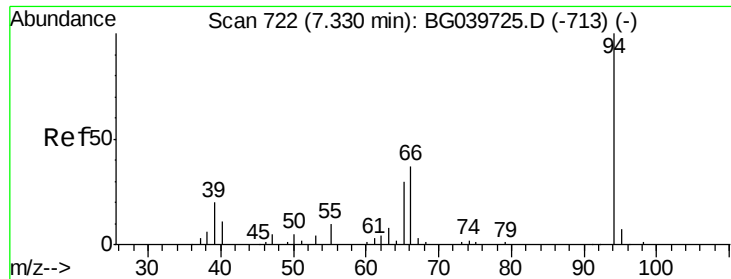
#9
Benzaldehyde
Concen: 0.352 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG039820.D
Acq: 8 Mar 2019 14:20

Tgt Ion: 77 Resp: 833
Ion Ratio Lower Upper
77 100
105 0.0 74.5 114.5#
106 0.0 68.0 108.0#



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

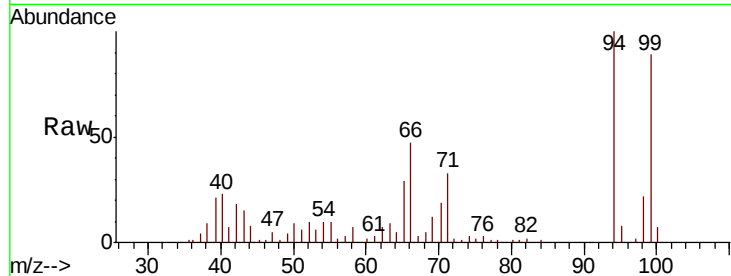




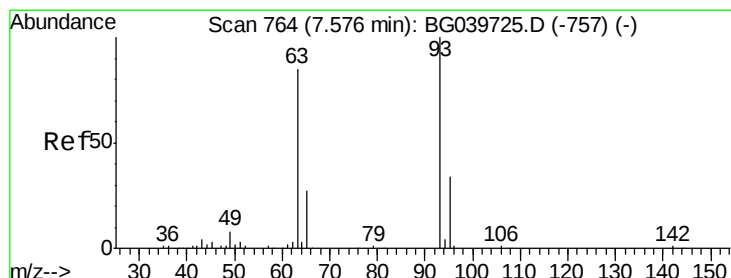
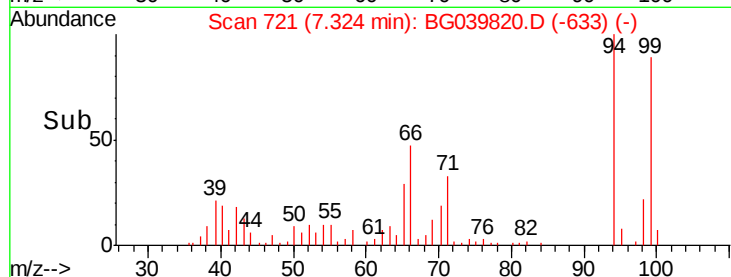
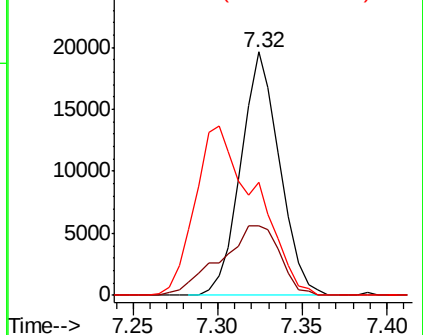
#10
Phenol
Concen: 7.858 ng
RT: 7.32 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG039820.D
Acq: 8 Mar 2019 14:20

Instrument :
BNA_G
ClientSampled :

Tot Ion: 94 Resp: 31219
Ion Ratio Lower Upper
94 100
65 28.6 11.7 51.7
66 46.5 23.7 63.7

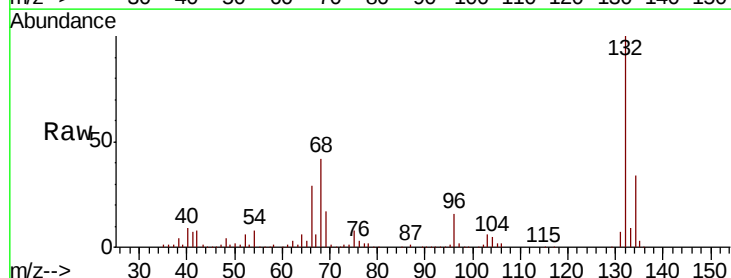


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

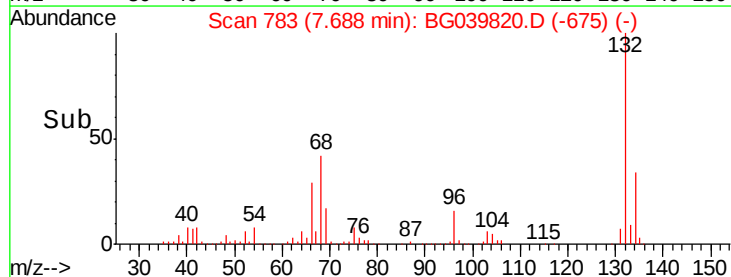
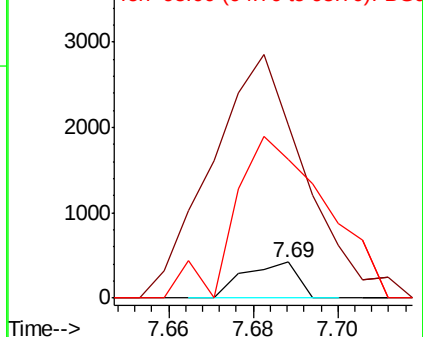


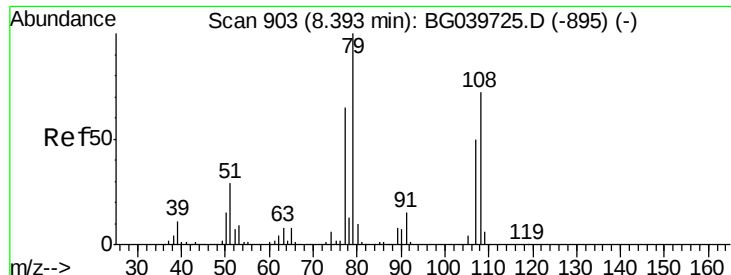
#11
bis(2-Chloroethyl)ether
Concen: 0.119 ng
RT: 7.69 min Scan# 783
Delta R.T. 0.11 min
Lab File: BG039820.D
Acq: 8 Mar 2019 14:20

Tgt Ion: 93 Resp: 369
Ion Ratio Lower Upper
93 100
63 480.1 69.5 109.5#
95 383.5 12.7 52.7#



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: 1.405 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.08 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

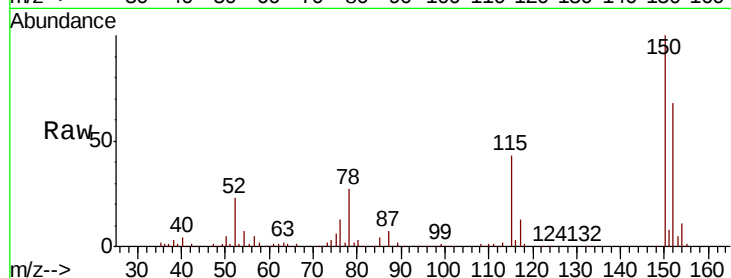
Tot Ion: 79 Resp: 4088

Ion Ratio Lower Upper

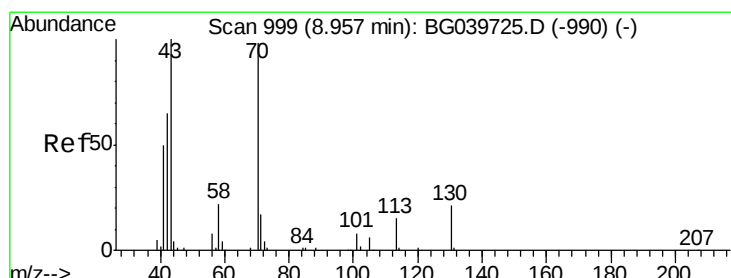
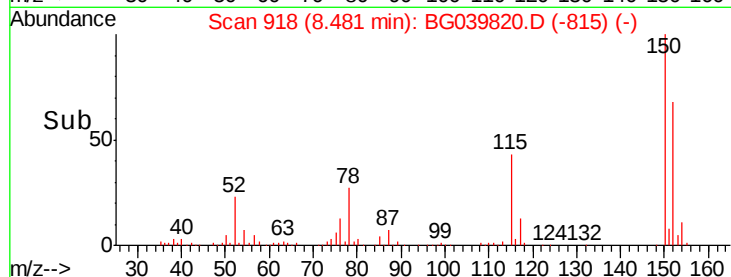
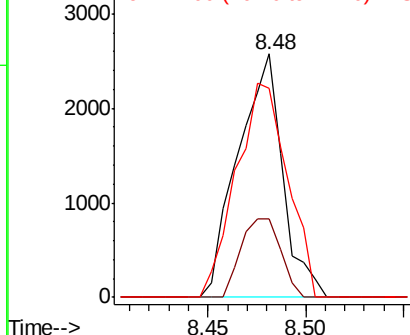
79 100

108 32.0 57.8 86.6#

77 86.0 51.1 76.7#



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.641 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Tgt Ion: 70 Resp: 33369

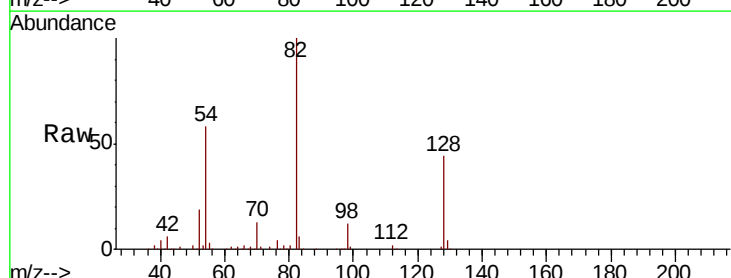
Ion Ratio Lower Upper

70 100

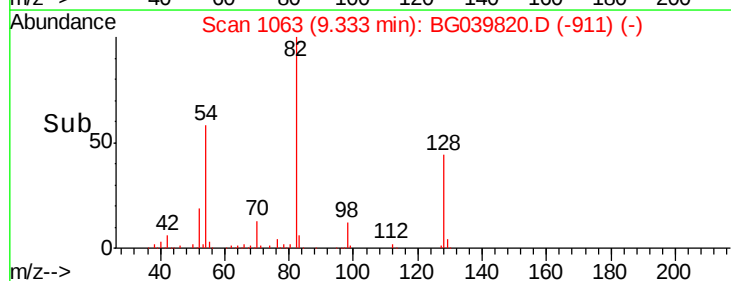
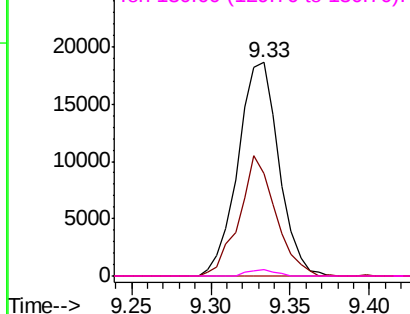
42 47.8 60.4 90.6#

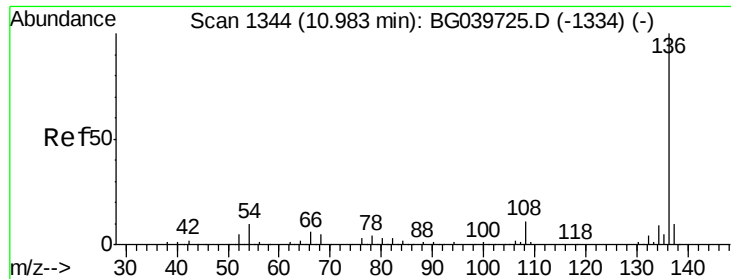
101 0.0 7.5 11.3#

130 2.9 16.9 25.3#



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

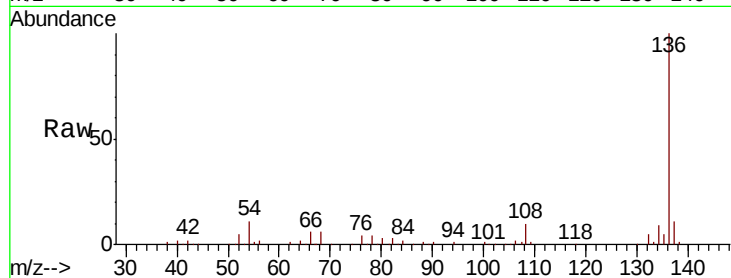




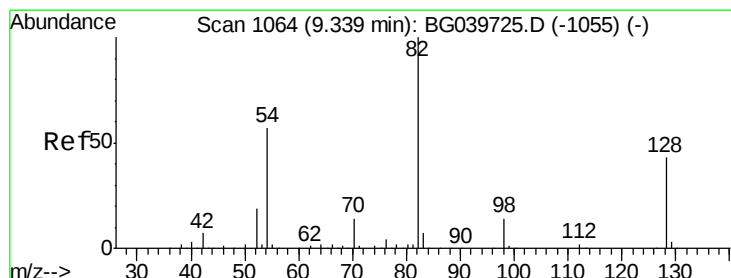
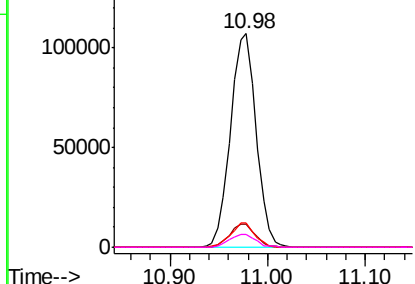
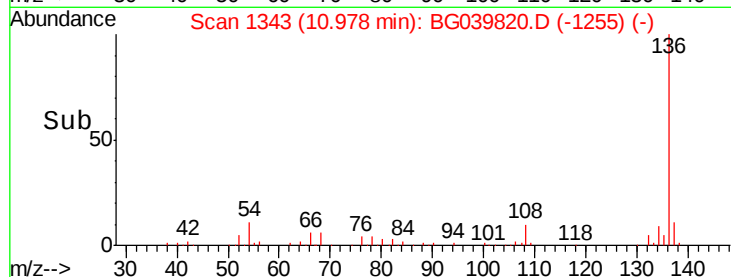
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039820.D
Acq: 8 Mar 2019 14:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	194706
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.1 13.7
54	11.1	9.4 14.2
68	5.8	4.2 6.4

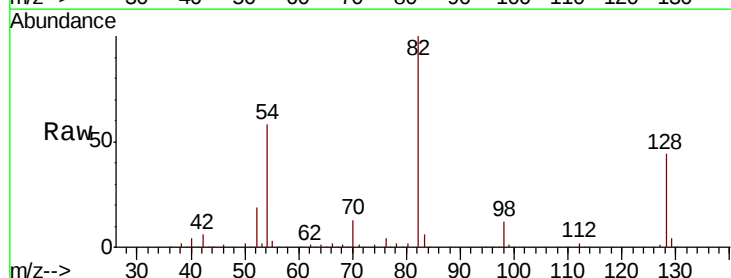


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

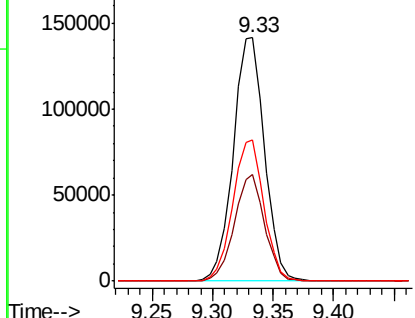
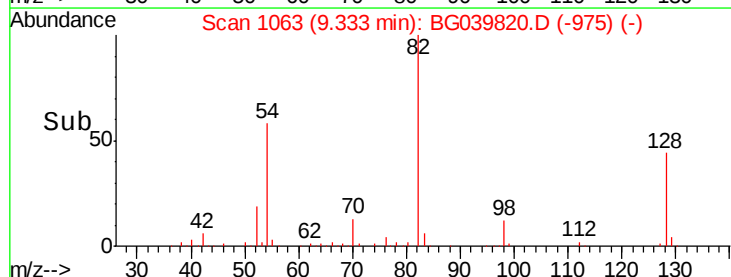


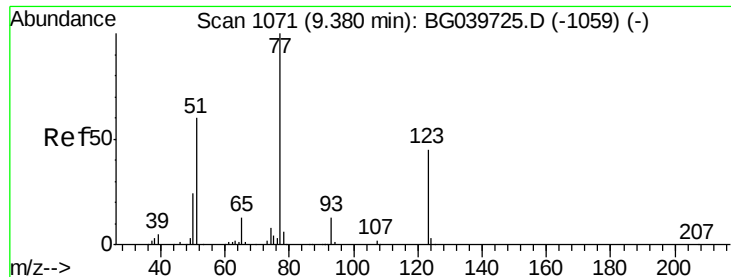
#23
Nitrobenzene-d5
Concen: 70.888 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039820.D
Acq: 8 Mar 2019 14:20

Tgt Ion: 82	Resp:	255202
Ion	Ratio	Lower Upper
82	100	
128	44.0	31.3 46.9
54	57.9	50.9 76.3



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

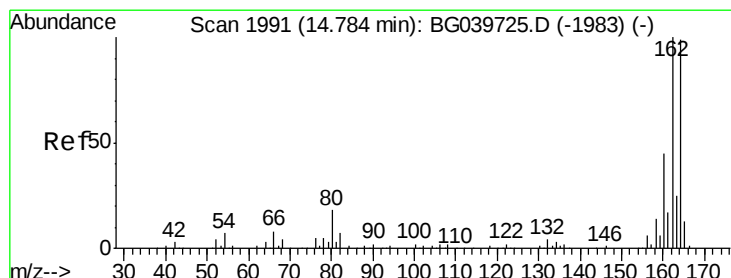
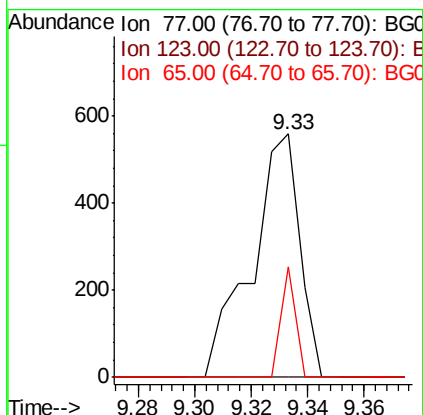
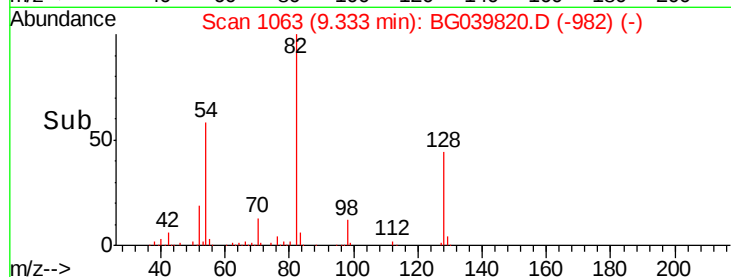
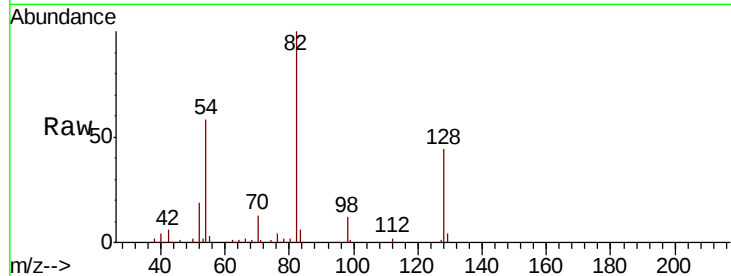




#24
Nitrobenzene
Concen: 0.174 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.05 min
Lab File: BG039820.D
Acq: 8 Mar 2019 14:20

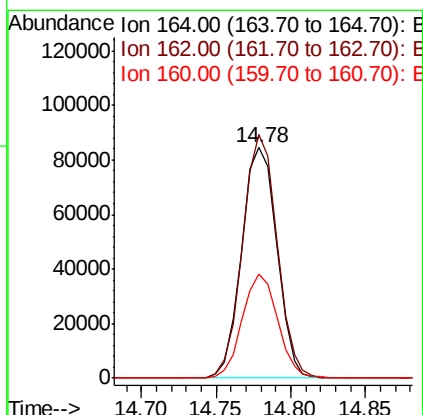
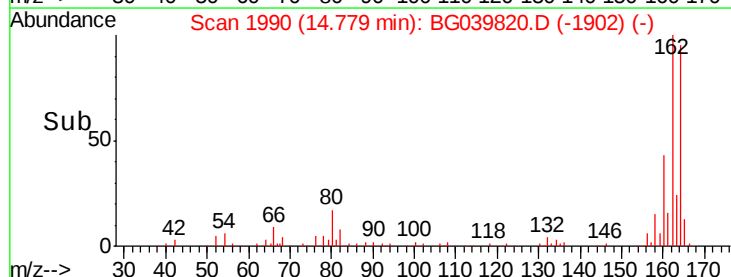
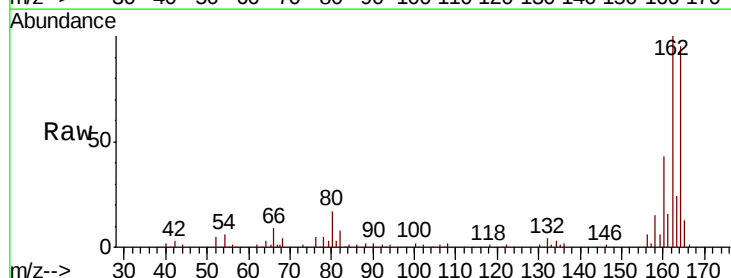
Instrument :
BNA_G
ClientSampleId :

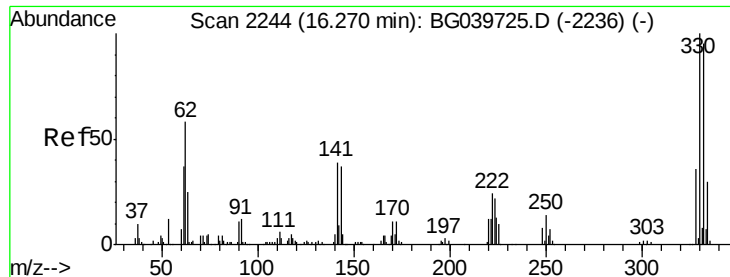
Tot Ion: 77 Resp: 659
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 45.6 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039820.D
Acq: 8 Mar 2019 14:20

Tgt Ion: 164 Resp: 138147
Ion Ratio Lower Upper
164 100
162 105.5 81.6 122.4
160 45.4 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 110.198 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

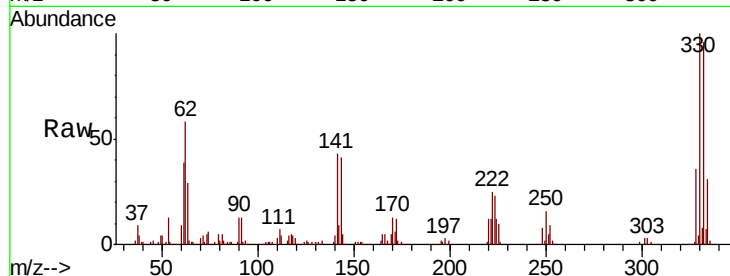
Tot Ion:330 Resp: 177442

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

141 40.4 35.6 53.4

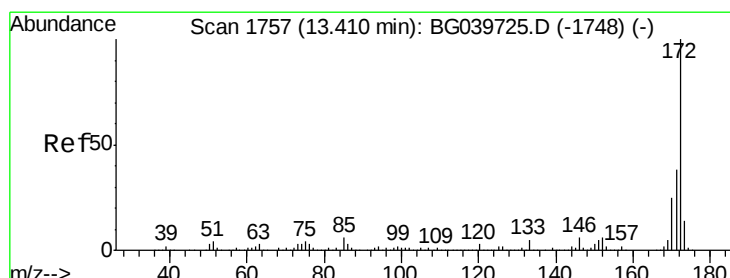
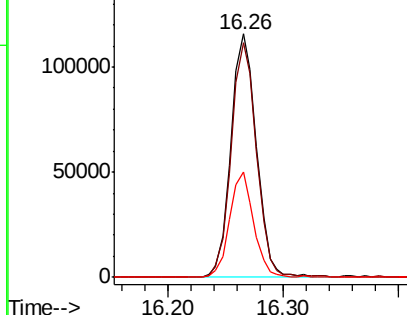
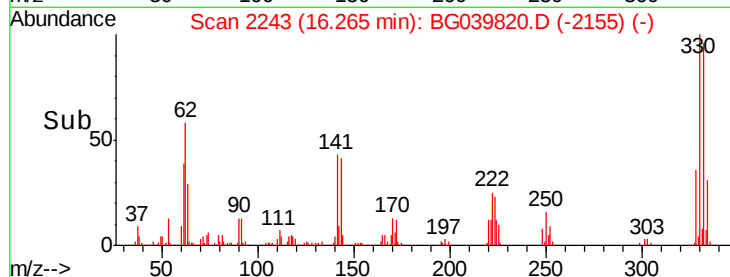


Abundance

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: 65.445 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

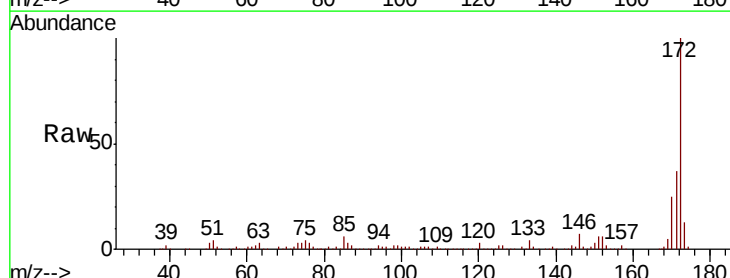
Tgt Ion:172 Resp: 634975

Ion Ratio Lower Upper

172 100

171 37.0 30.8 46.2

170 24.7 20.2 30.4

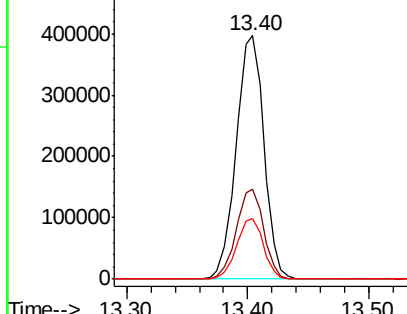
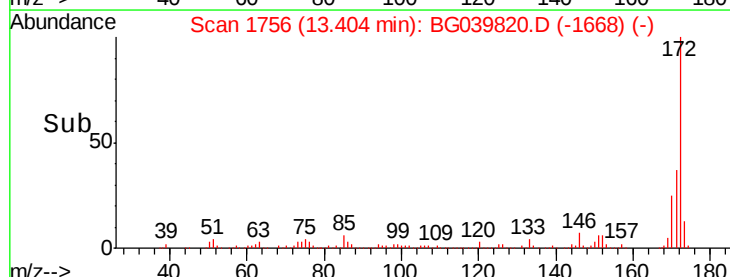


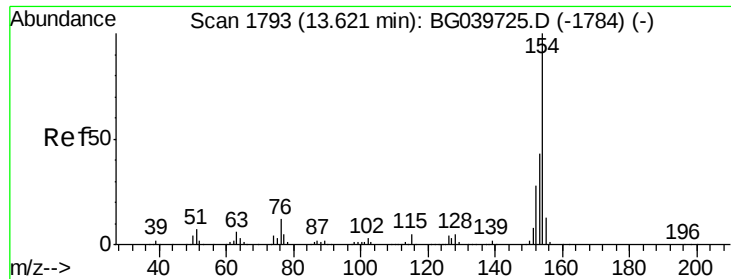
Abundance

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

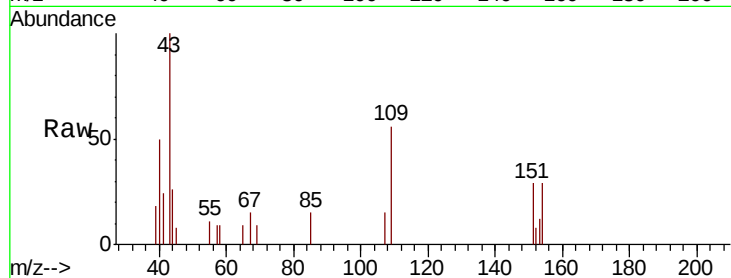




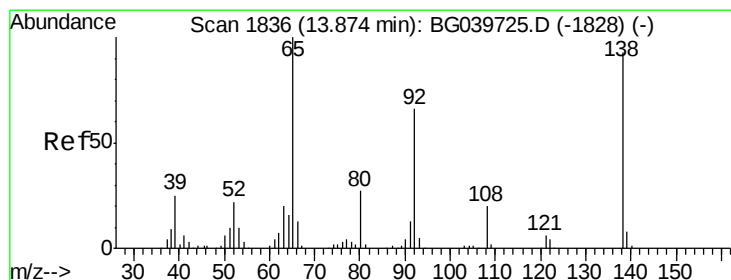
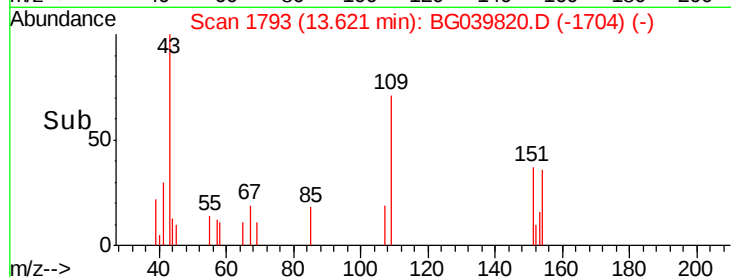
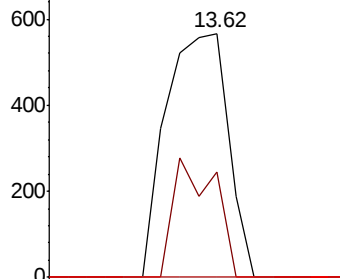
#46
 1,1'-Biphenyl
 Concen: 0.068 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG039820.D
 Acq: 8 Mar 2019 14:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 768
 Ion Ratio Lower Upper
 154 100
 153 43.1 22.1 62.1
 76 0.0 0.0 32.4

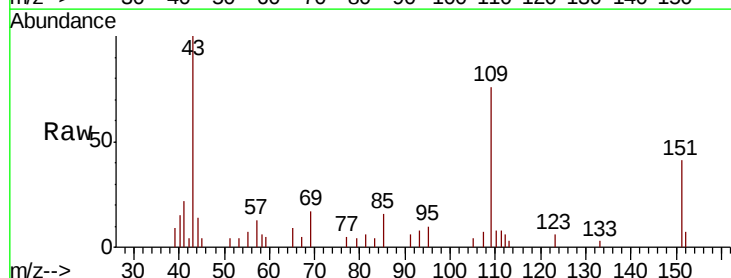


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

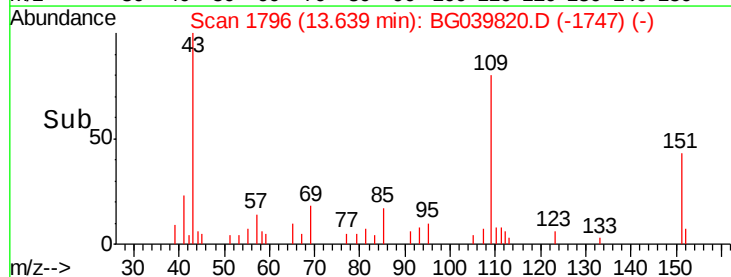
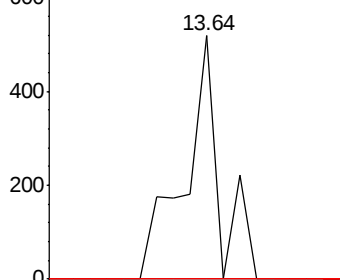


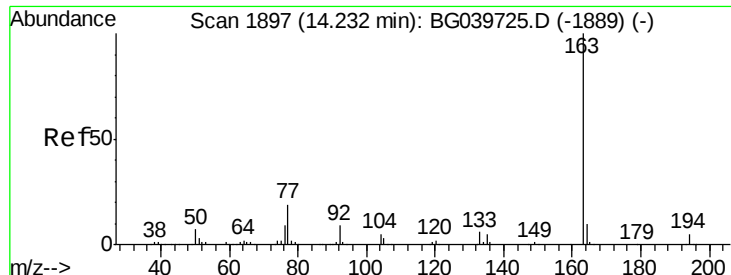
#48
 2-Nitroaniline
 Concen: 0.163 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.24 min
 Lab File: BG039820.D
 Acq: 8 Mar 2019 14:20

Tgt Ion: 65 Resp: 448
 Ion Ratio Lower Upper
 65 100
 92 0.0 51.4 77.2#
 138 0.0 71.4 107.2#



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





#50

Dimethylphthalate

Concen: 3.395 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

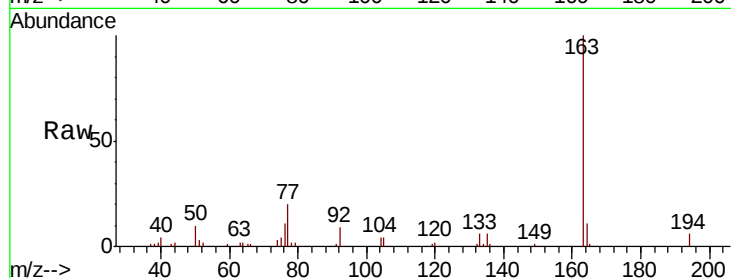
Tot Ion:163 Resp: 39218

Ion Ratio Lower Upper

163 100

194 5.7 3.6 5.4#

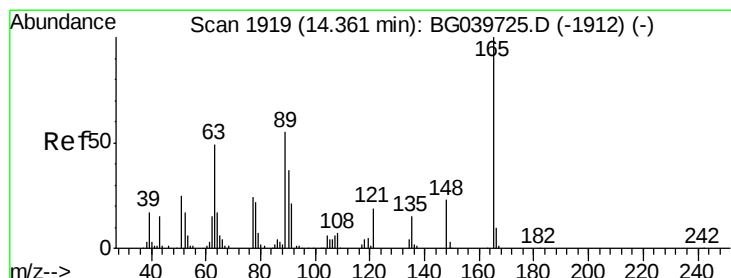
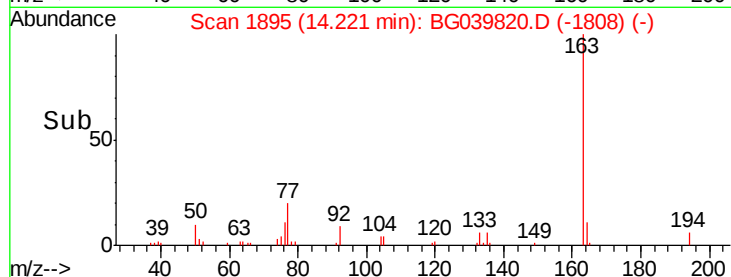
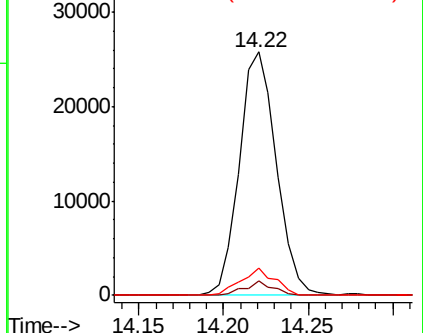
164 11.2 8.4 12.6



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: 7.256 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.41 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

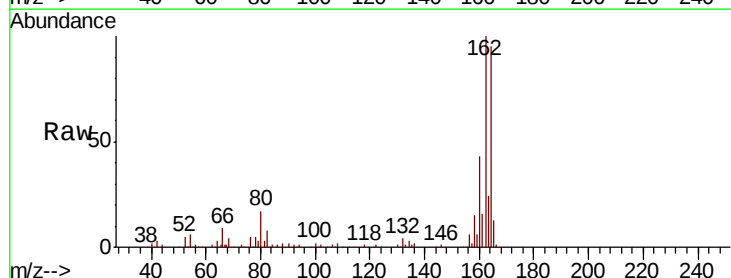
Tgt Ion:165 Resp: 17769

Ion Ratio Lower Upper

165 100

63 1.4 47.0 70.6#

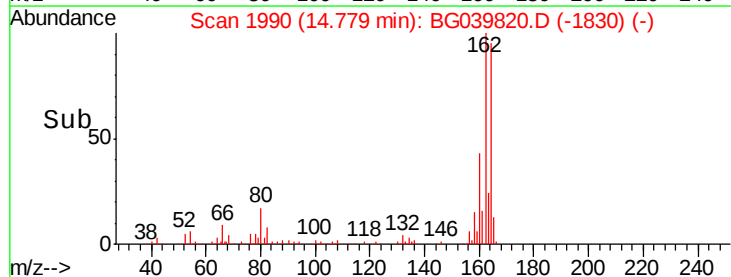
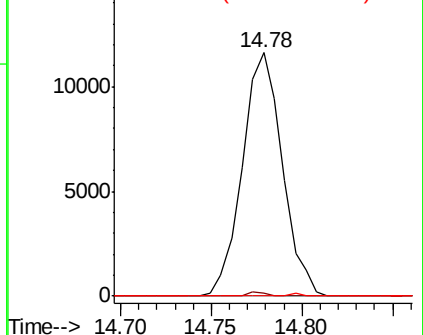
89 0.0 45.8 68.8#

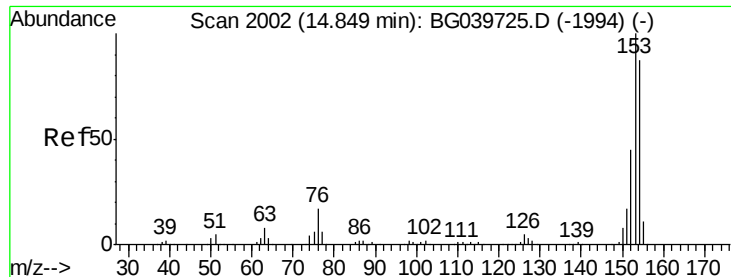


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.049 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.07 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

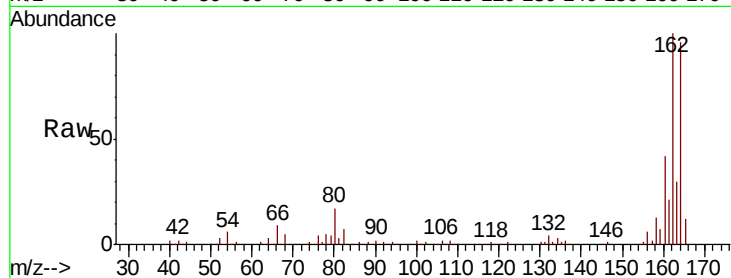
Tot Ion:154 Resp: 417

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

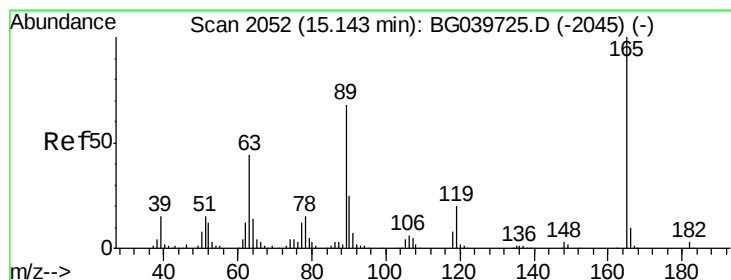
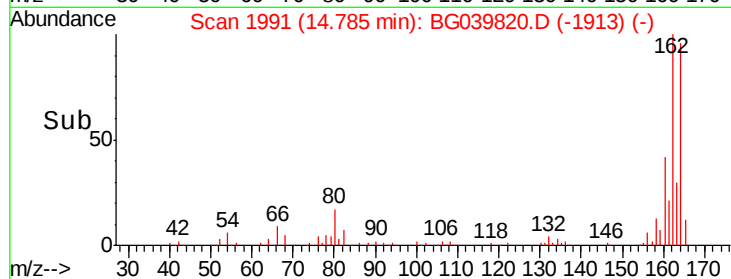
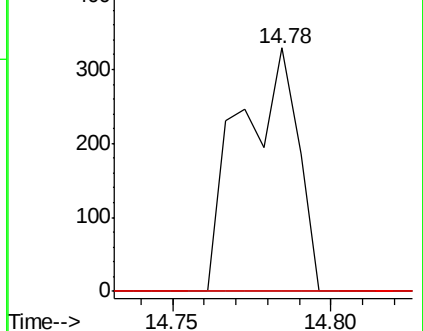
152 0.0 40.9 61.3#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 5.164 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Tgt Ion:165 Resp: 17769

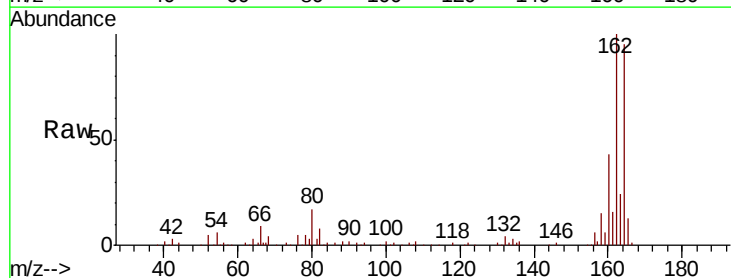
Ion Ratio Lower Upper

165 100

63 1.4 41.0 61.6#

89 0.0 64.6 96.8#

182 0.0 2.0 3.0#

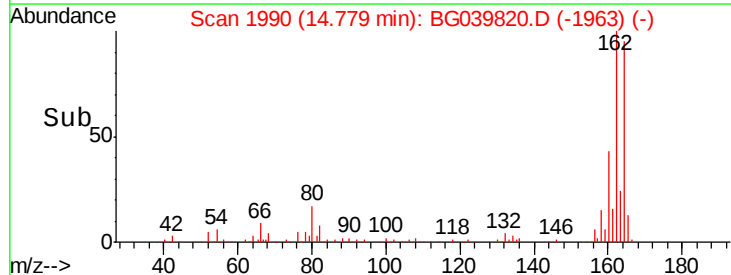
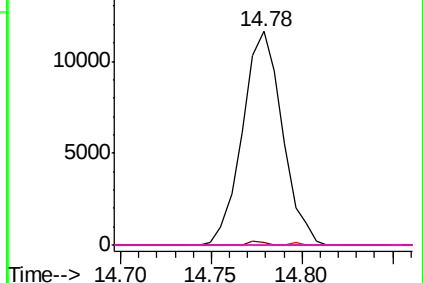


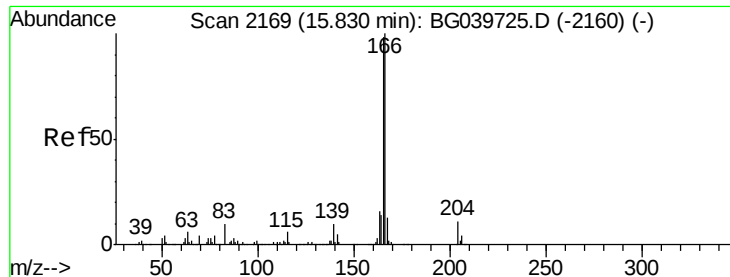
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.711 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.43 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

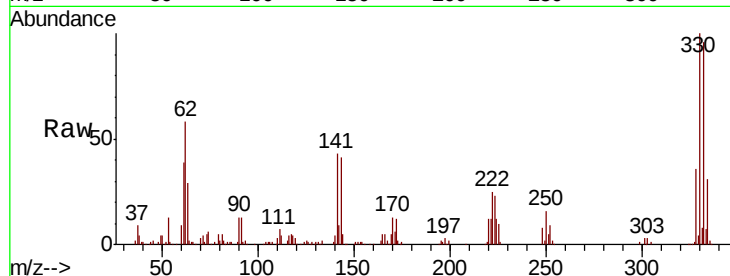
Tot Ion:166 Resp: 7747

Ion Ratio Lower Upper

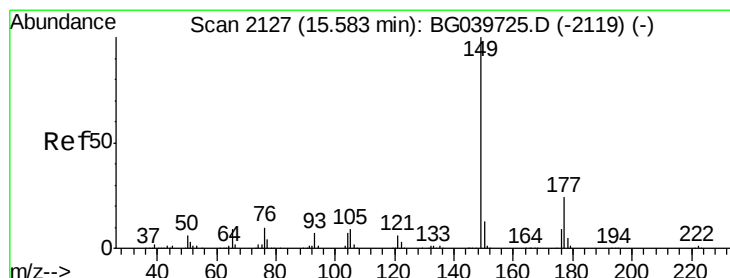
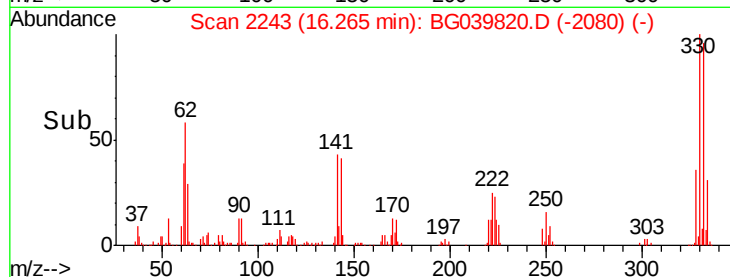
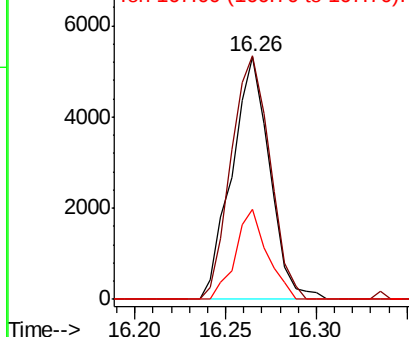
166 100

165 100.2 77.9 116.9

167 36.8 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.051 ng

RT: 15.57 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

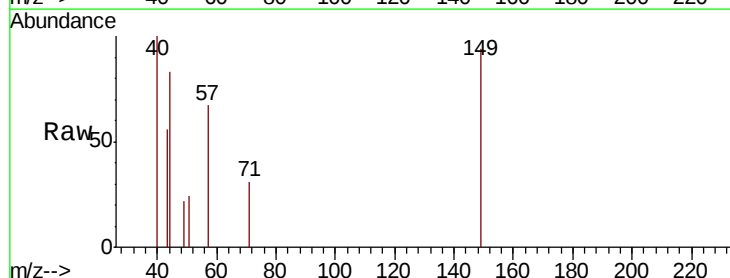
Tgt Ion:149 Resp: 587

Ion Ratio Lower Upper

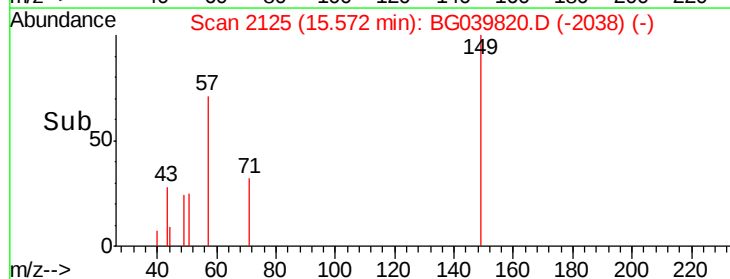
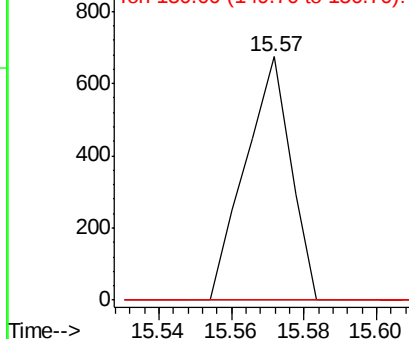
149 100

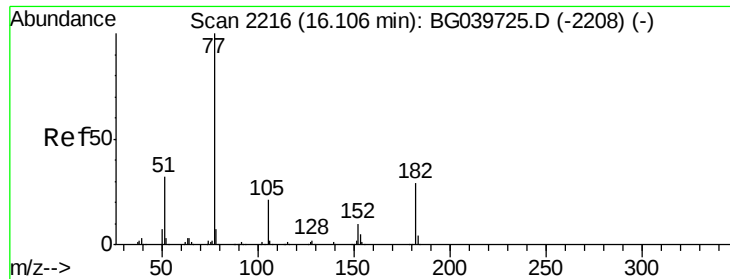
177 0.0 18.3 27.5#

150 0.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

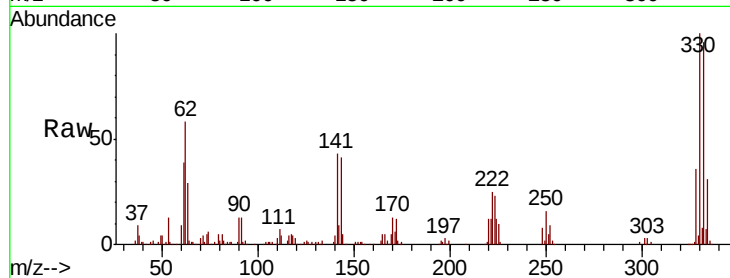




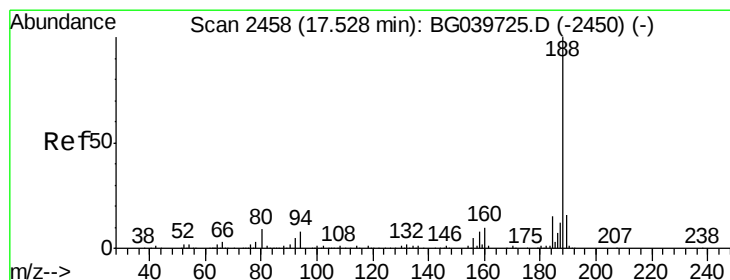
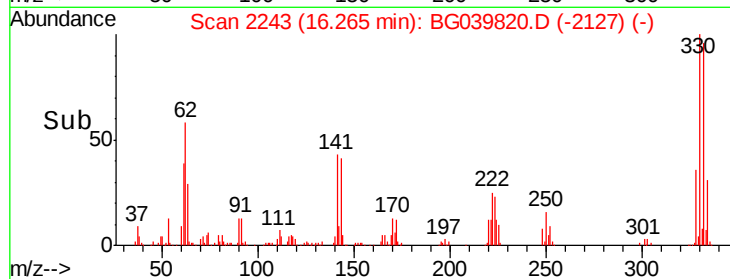
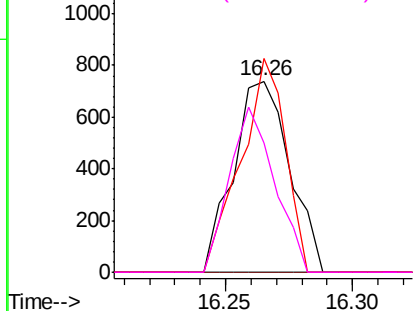
#63
Azobenzene
Concen: 0.110 ng
RT: 16.26 min Scan# 2243
Delta R.T. 0.15 min
Lab File: BG039820.D
Acq: 8 Mar 2019 14:20

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 1142
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 111.9 0.0 39.8#
51 67.5 14.1 54.1#

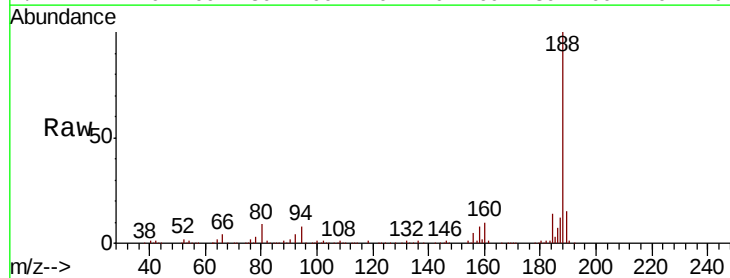


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

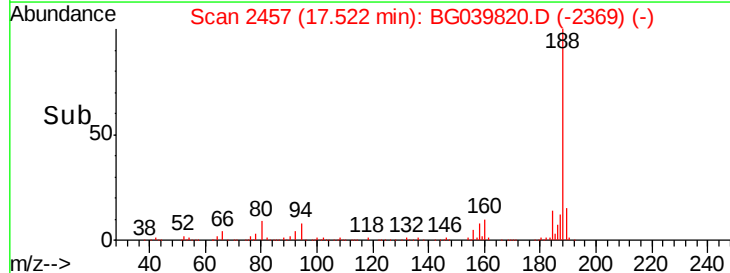
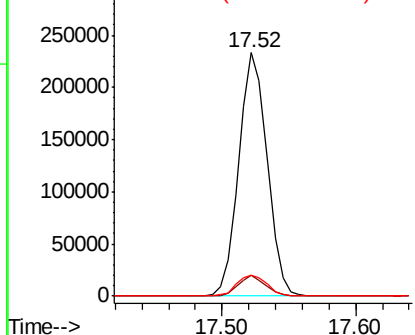


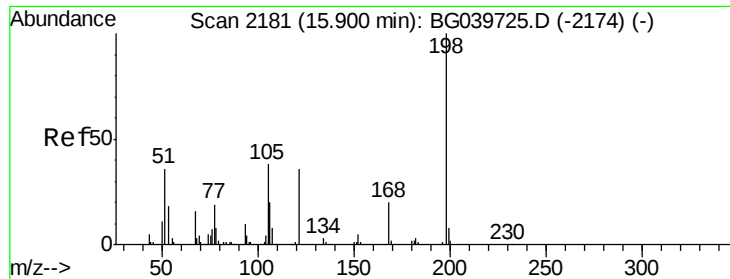
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039820.D
Acq: 8 Mar 2019 14:20

Tgt Ion: 188 Resp: 343270
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 8.8 8.1 12.1



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: 0.291 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.36 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampled :

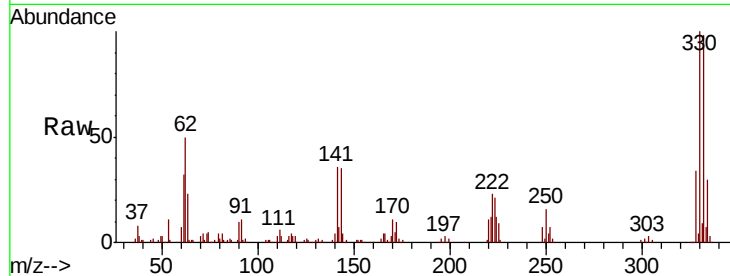
Tot Ion:198 Resp: 591

Ion Ratio Lower Upper

198 100

51 62.9 27.4 67.4

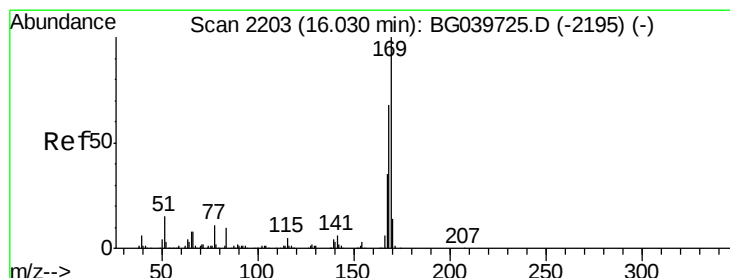
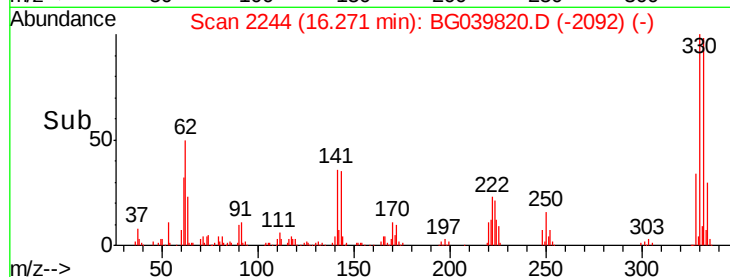
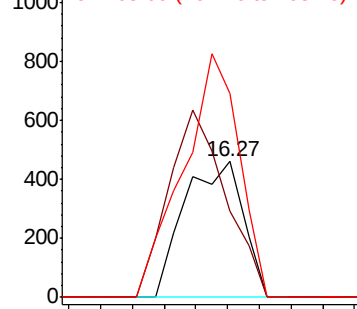
105 150.3 19.7 59.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039725.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.753 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.23 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

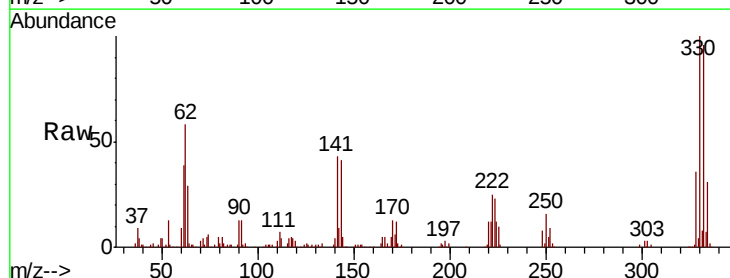
Tgt Ion:169 Resp: 7485

Ion Ratio Lower Upper

169 100

168 8.9 56.6 85.0#

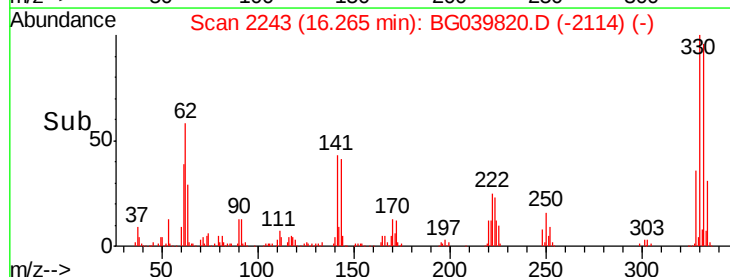
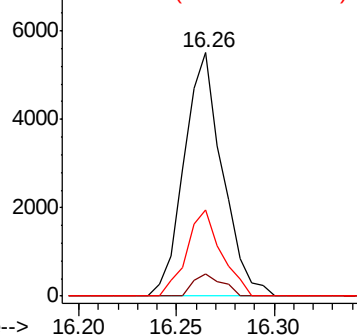
167 35.6 28.8 43.2

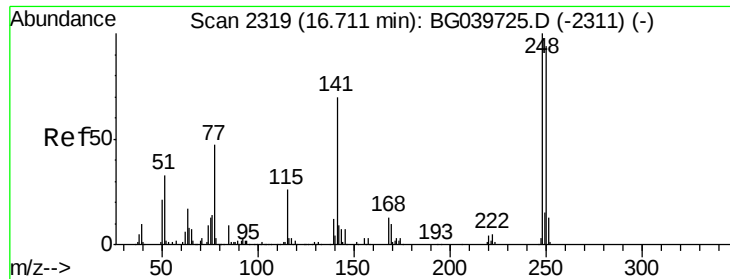


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 3.501 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.45 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

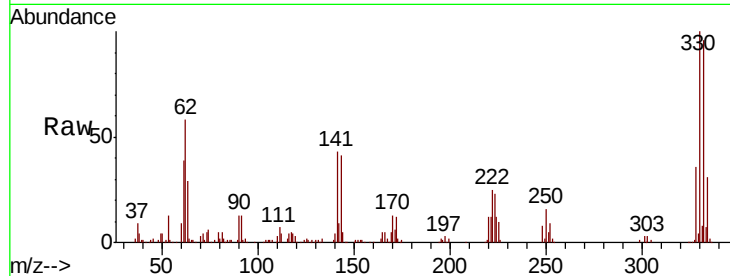
Tot Ion:248 Resp: 13451

Ion Ratio Lower Upper

248 100

250 198.3 77.6 116.4#

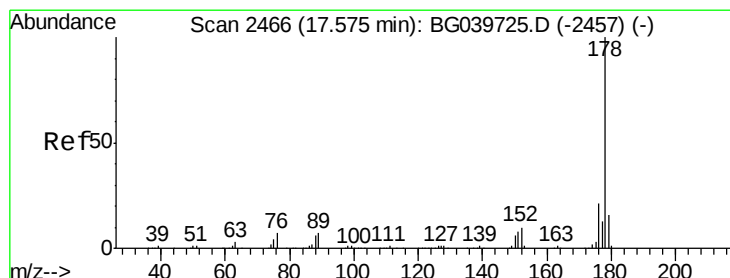
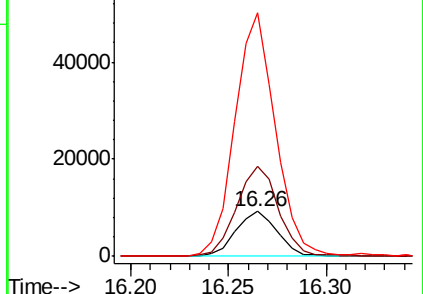
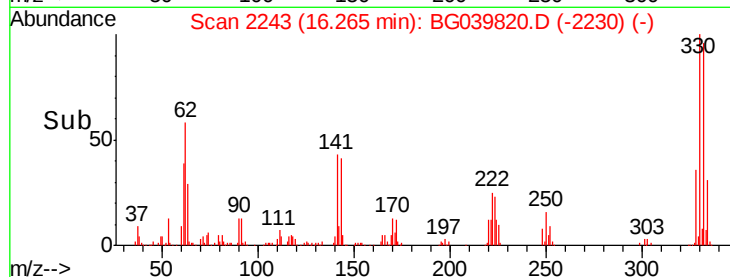
141 539.7 63.9 95.9#



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: 0.030 ng

RT: 17.56 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

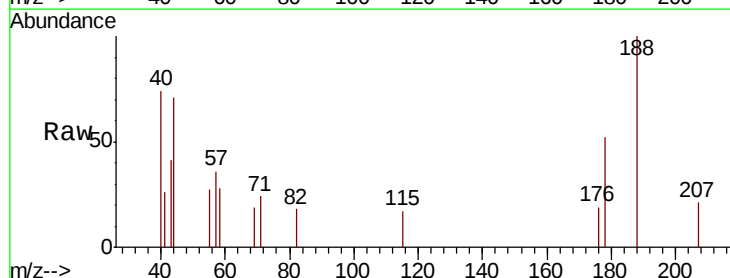
Tgt Ion:178 Resp: 570

Ion Ratio Lower Upper

178 100

176 37.4 16.2 24.4#

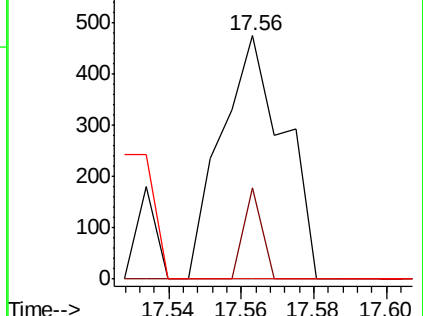
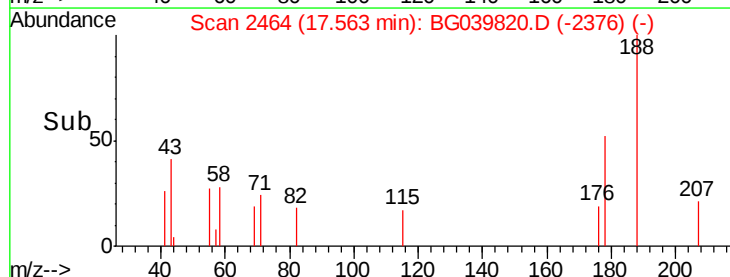
179 0.0 12.6 19.0#

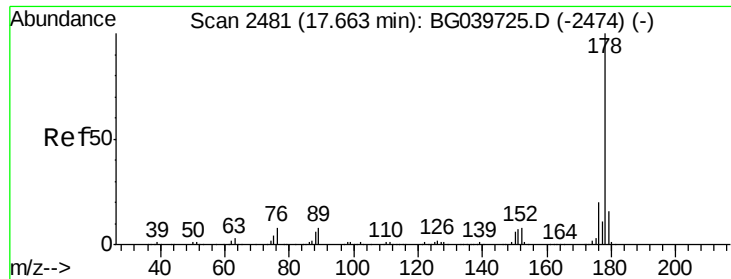


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.031 ng

RT: 17.56 min Scan# 2464

Delta R.T. -0.11 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

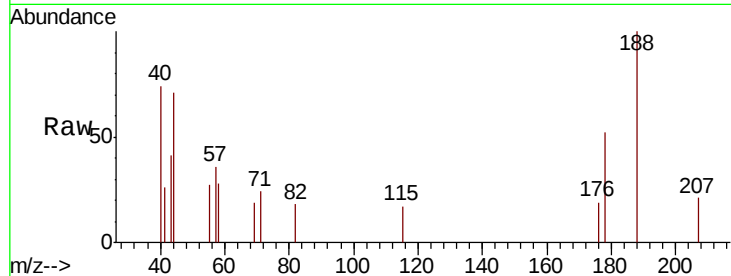
Tot Ion:178 Resp: 570

Ion Ratio Lower Upper

178 100

176 37.4 15.8 23.6#

179 0.0 12.5 18.7#



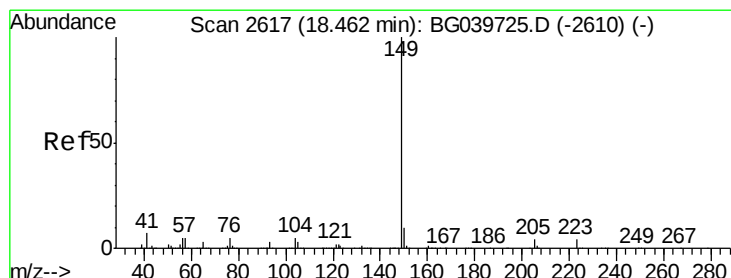
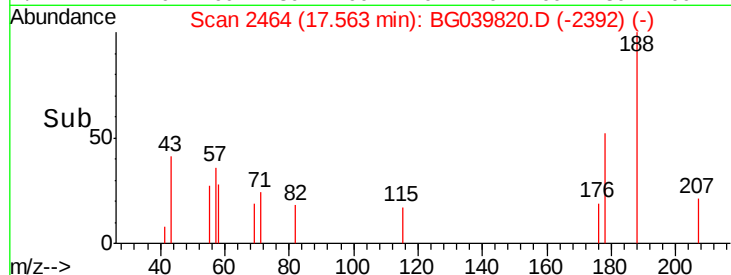
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.56

17.54 17.58 17.60



#74

Di-n-butylphthalate

Concen: 0.080 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

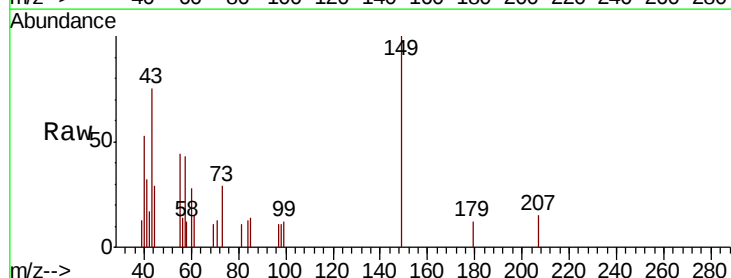
Tgt Ion:149 Resp: 1572

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.5 6.7#



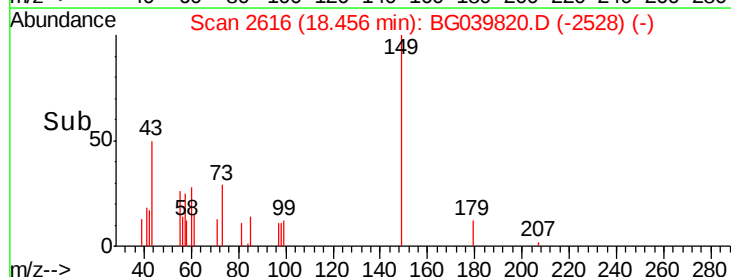
Abundance Ion 149.00 (148.70 to 149.70): E

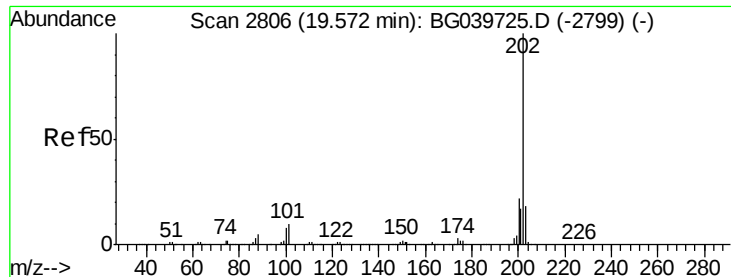
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.46

18.45 18.50





#75

Fluoranthene

Concen: 0.013 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

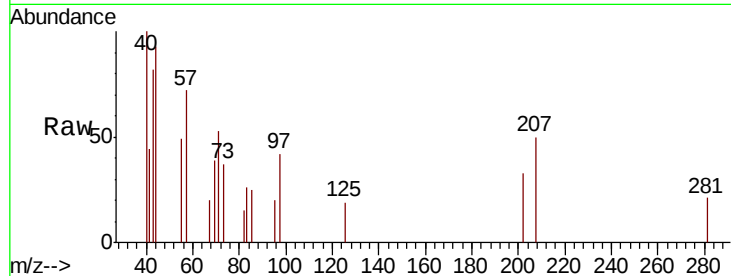
Tot Ion:202 Resp: 290

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

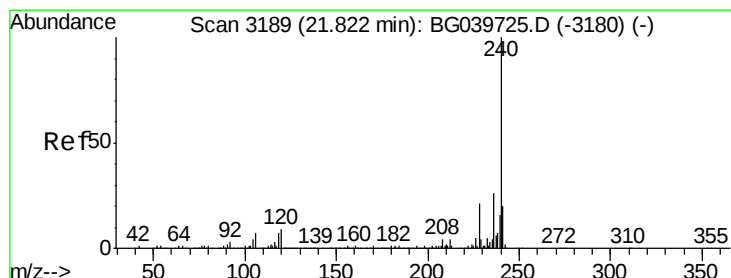
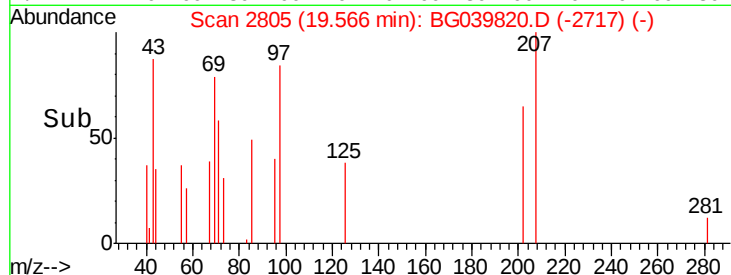
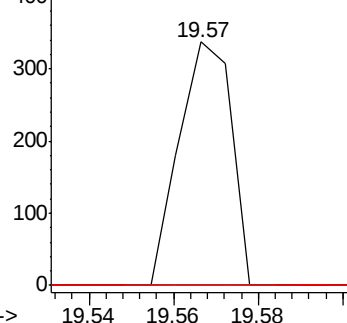
203 0.0 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

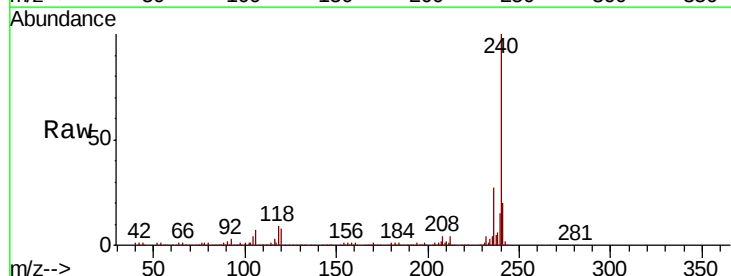
Tgt Ion:240 Resp: 330991

Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

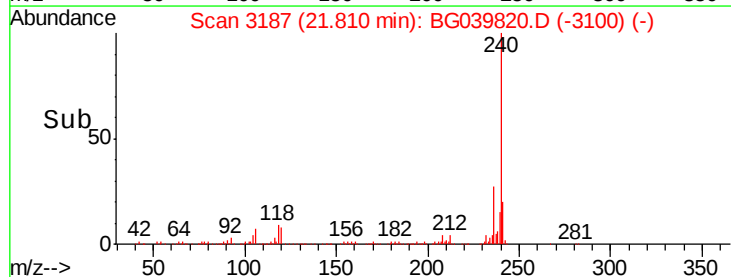
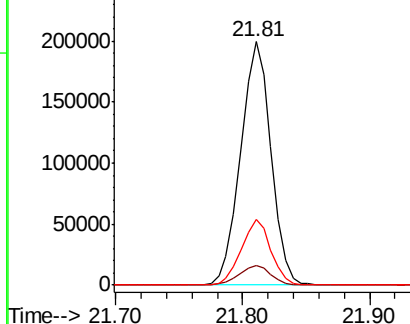
236 26.8 21.0 31.4

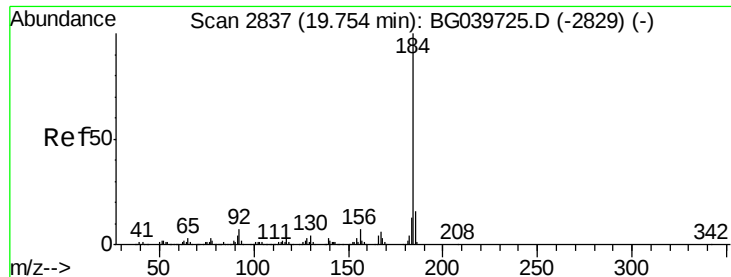


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.048 ng

RT: 19.77 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampled :

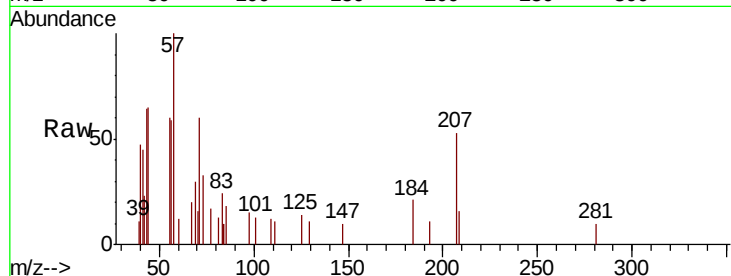
Tot Ion:184 Resp: 503

Ion Ratio Lower Upper

184 100

185 0.0 12.2 18.2#

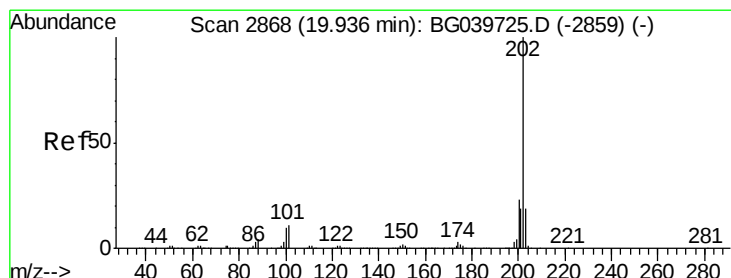
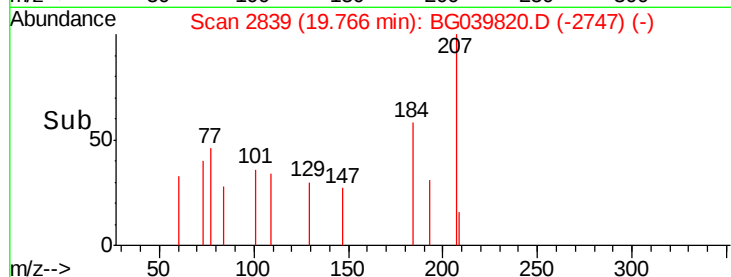
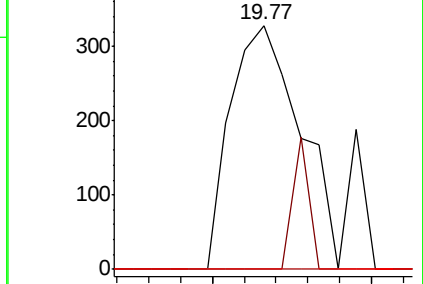
183 0.0 10.6 15.8#



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: 0.008 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

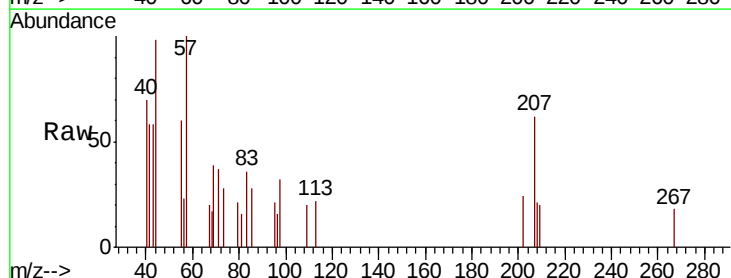
Tgt Ion:202 Resp: 171

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.8#

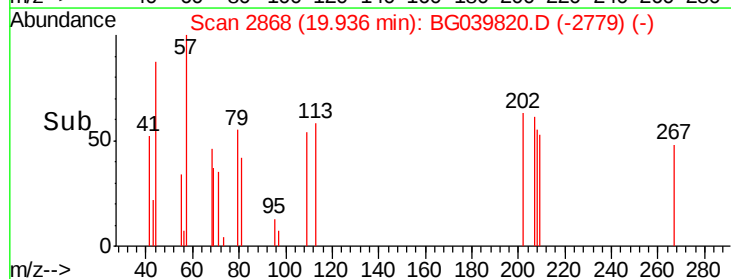
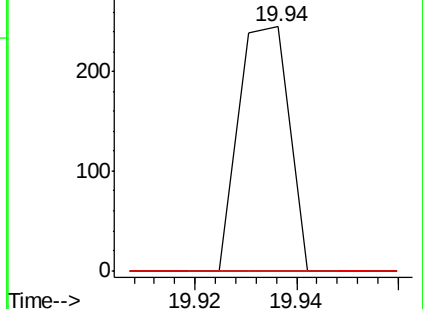
203 0.0 15.3 22.9#

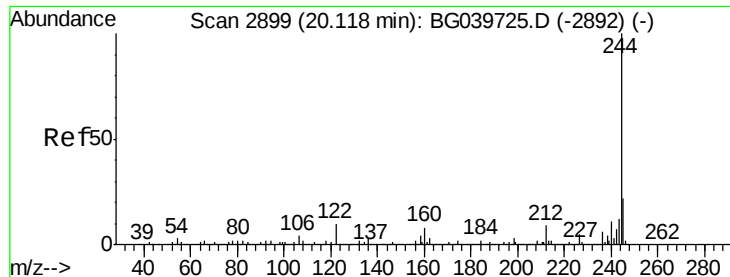


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.026 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

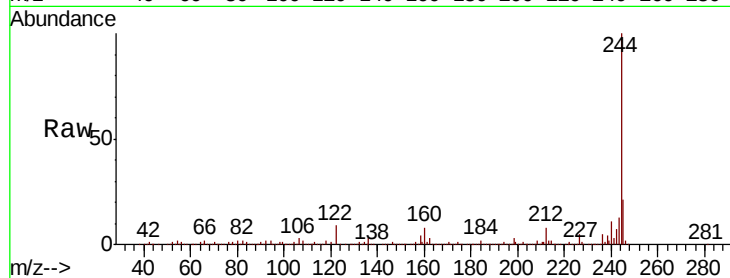
Tot Ion:244 Resp: 947451

Ion Ratio Lower Upper

244 100

212 8.3 7.3 10.9

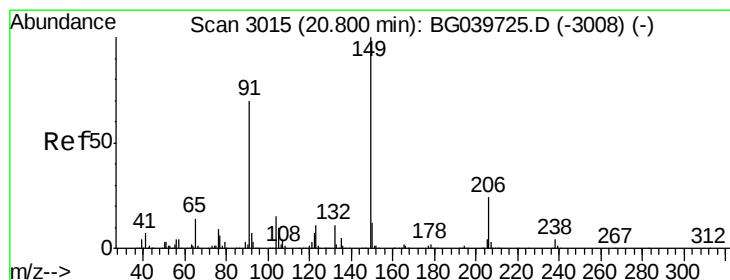
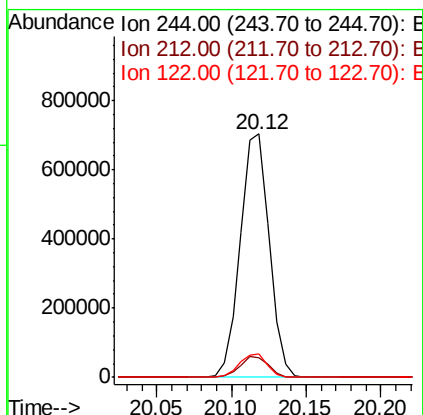
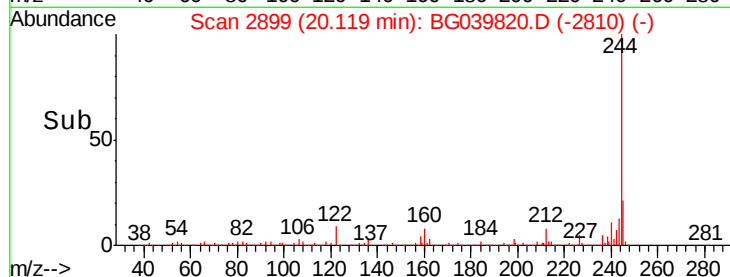
122 9.4 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.020 ng

RT: 20.79 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

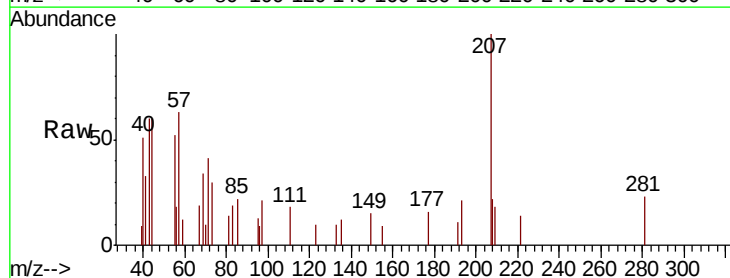
Tgt Ion:149 Resp: 170

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

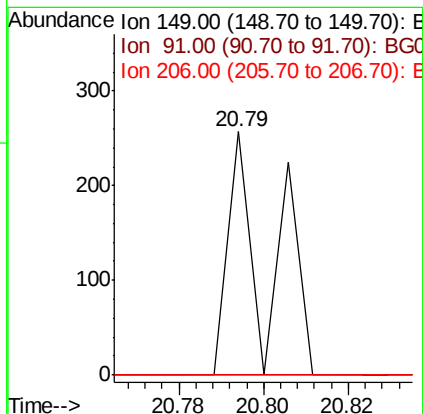
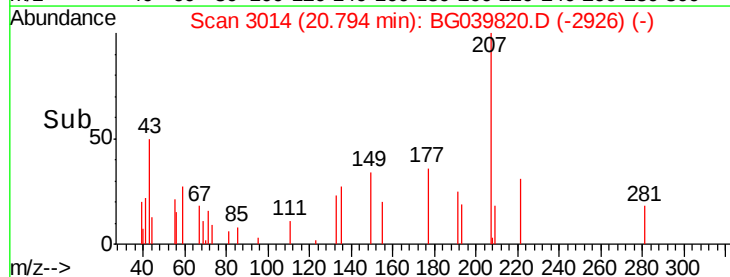
206 0.0 18.6 27.8#

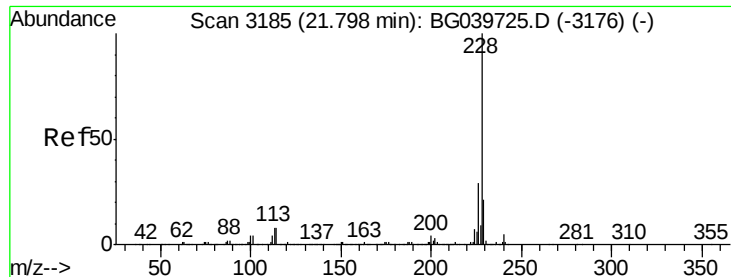


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.051 ng

RT: 21.82 min Scan# 3188

Delta R.T. 0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

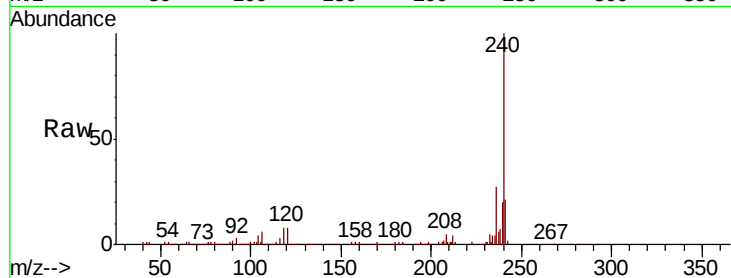
Tot Ion:228 Resp: 1058

Ion Ratio Lower Upper

228 100

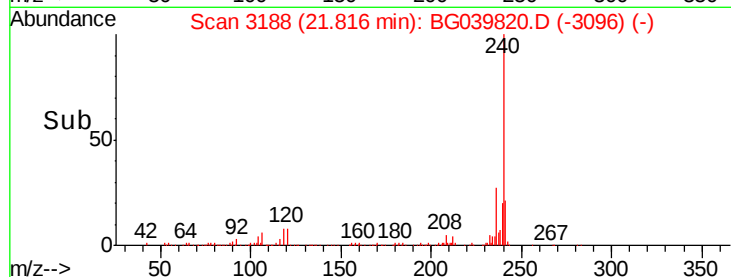
226 0.0 23.0 34.6#

229 47.3 16.9 25.3#

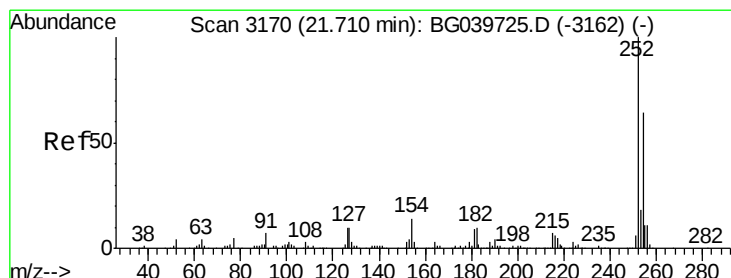


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

21.82



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.06 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

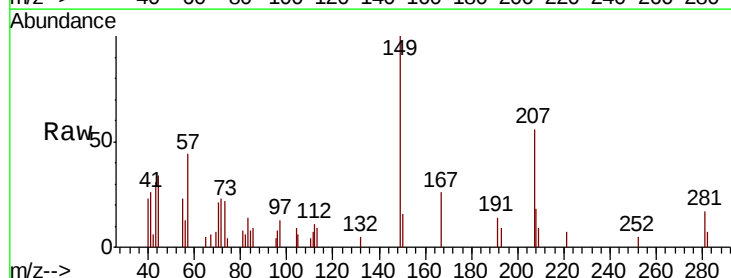
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

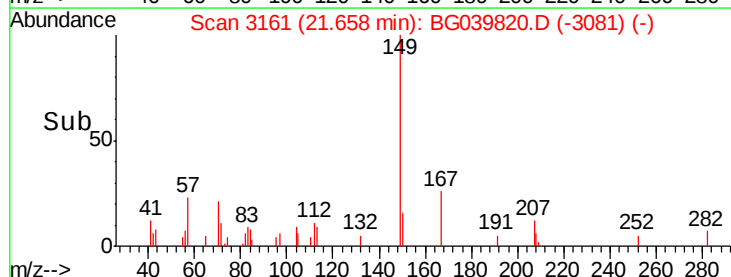
254 0.0 51.3 76.9#

126 0.0 8.0 12.0#

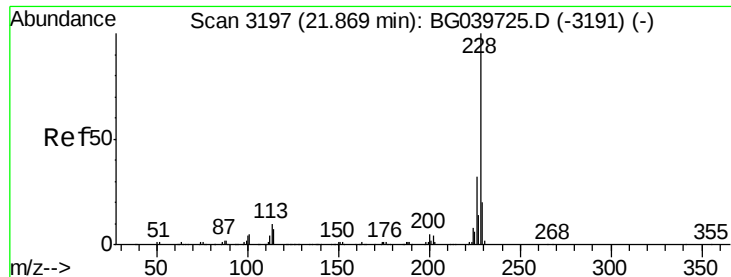


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

21.66



Time-->



#83

Chrysene

Concen: 0.053 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.06 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

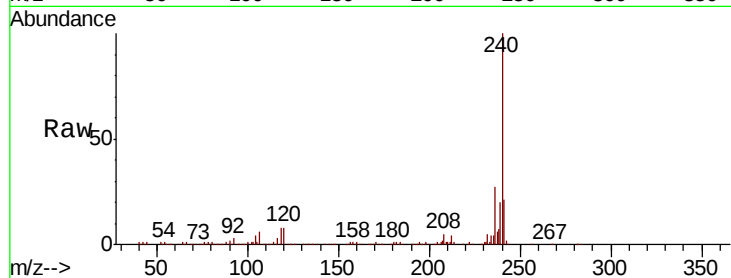
Tot Ion:228 Resp: 1058

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

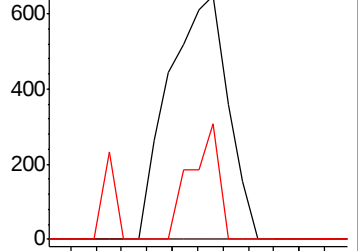
229 47.3 16.6 25.0#



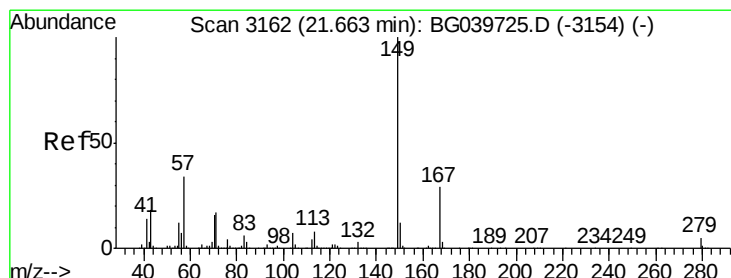
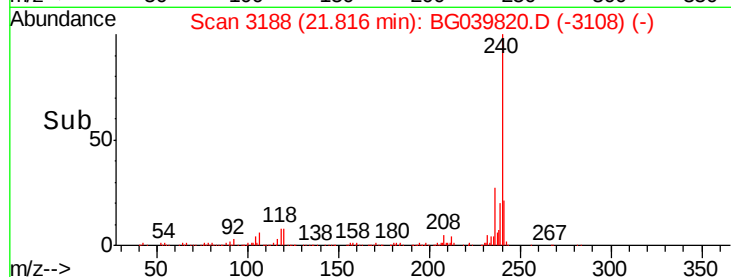
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.458 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

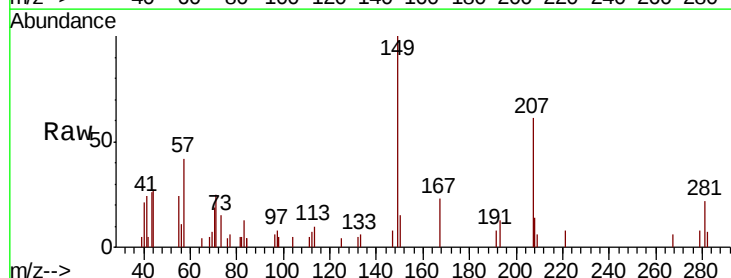
Tgt Ion:149 Resp: 5362

Ion Ratio Lower Upper

149 100

167 22.8 22.6 34.0

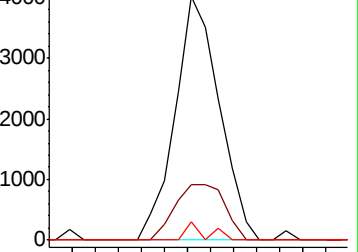
279 7.6 3.5 5.3#



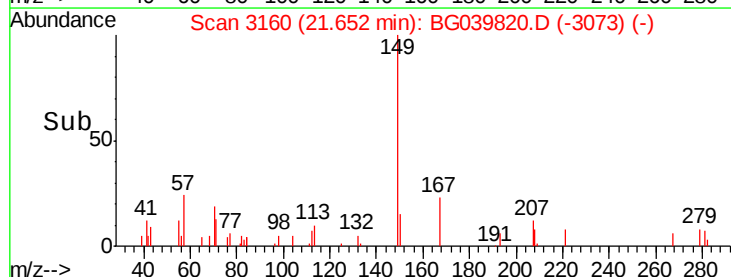
Abundance Ion 149.00 (148.70 to 149.70): E

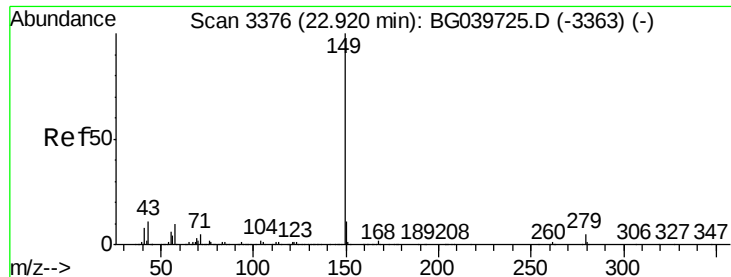
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampled :

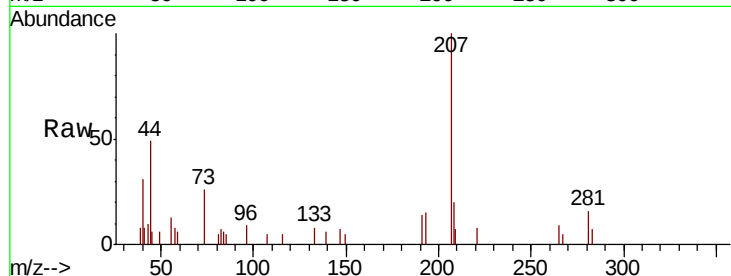
Tot Ion:149 Resp: 56

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 10.2 15.4#

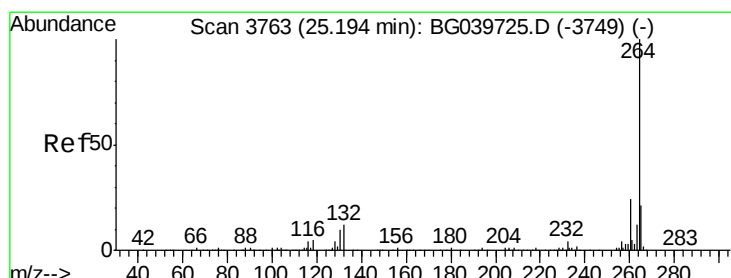
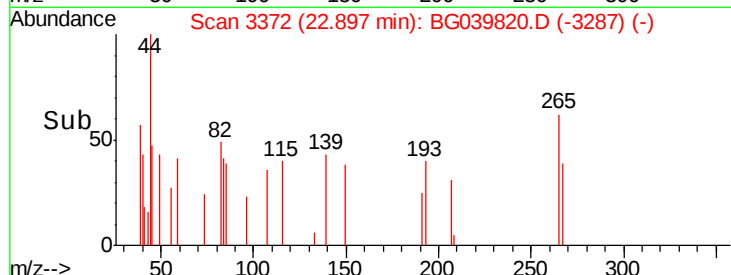
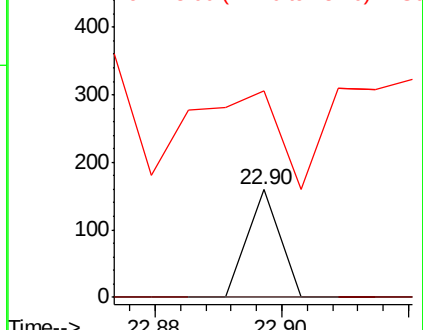


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

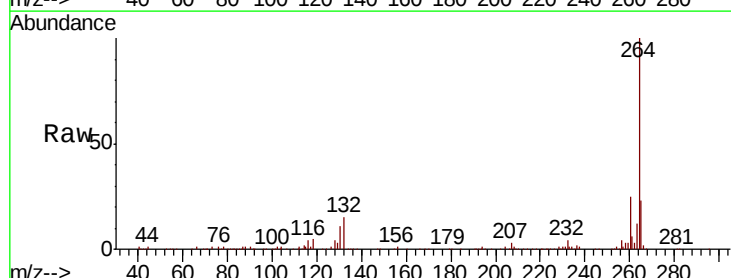
Tgt Ion:264 Resp: 335321

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 22.6 18.5 27.7

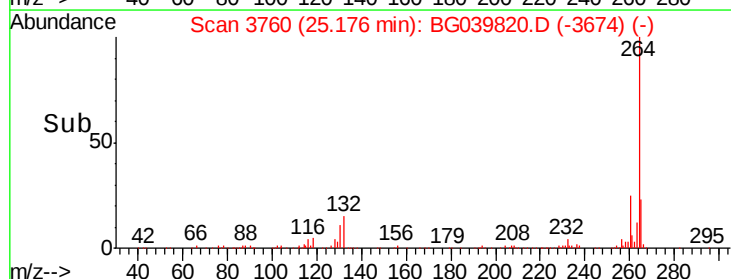
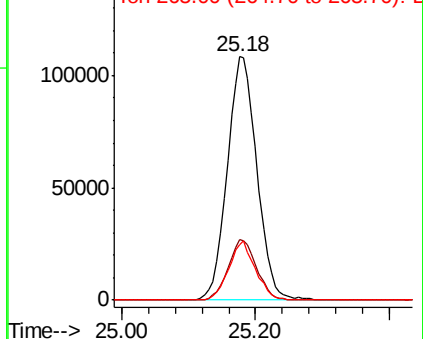


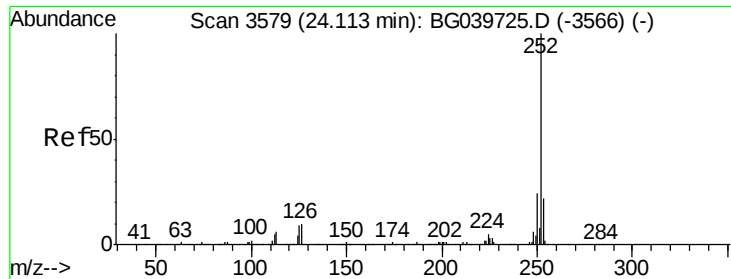
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 23.87 min Scan# 3538

Delta R.T. -0.25 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

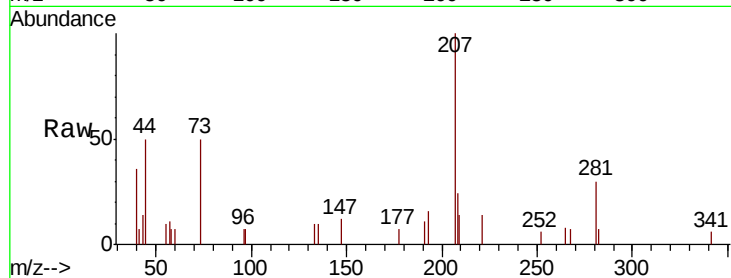
Tot Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

125 0.0 7.8 11.6#

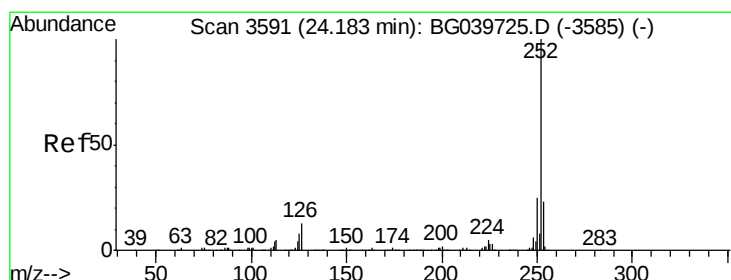
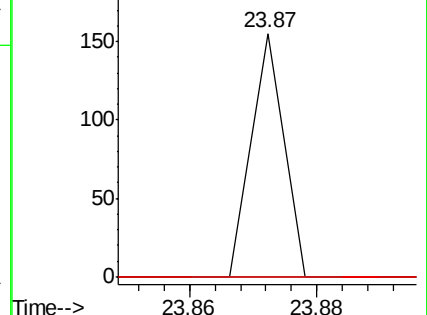
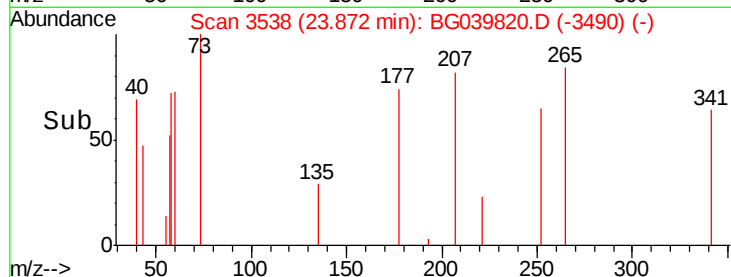


Abundance

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



#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 23.87 min Scan# 3538

Delta R.T. -0.32 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

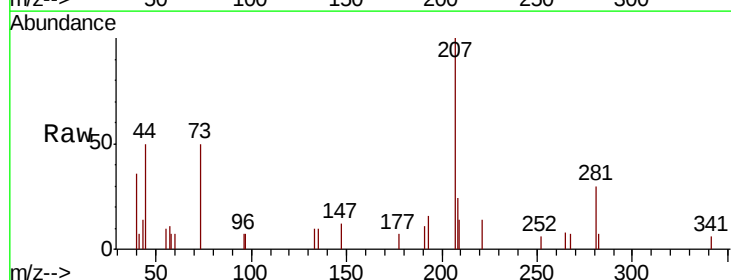
Tgt Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

125 0.0 7.4 11.2#

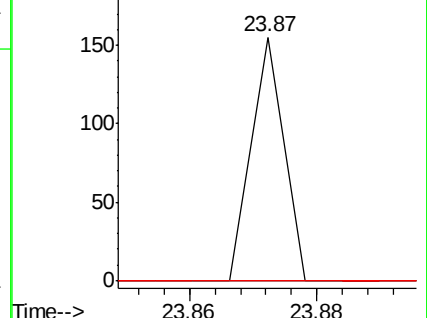
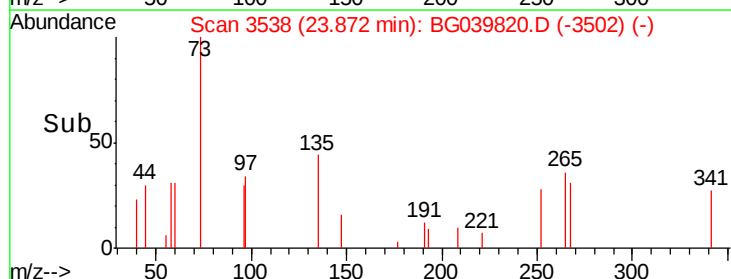


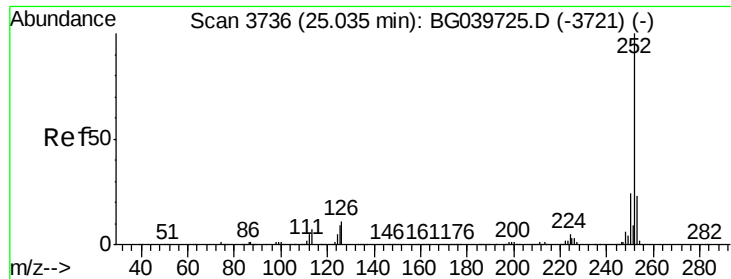
Abundance

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: 0.062 ng

RT: 25.18 min Scan# 3761

Delta R.T. 0.14 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA_G

ClientSampleId :

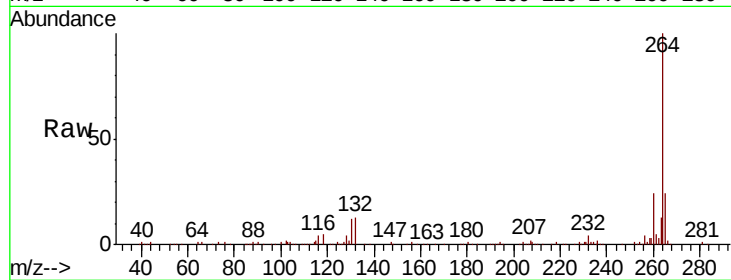
Tot Ion:252 Resp: 1149

Ion Ratio Lower Upper

252 100

253 33.4 17.9 26.9#

125 28.3 8.3 12.5#



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

