

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039824.D
 Acq On : 8 Mar 2019 16:57
 Operator : JU/SJ
 Sample : K1807-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:12:01 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	42012	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	195188	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	137705	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	333889	20.00	ng	0.00
76) Chrysene-d12	21.81	240	349563	20.00	ng	-0.02
87) Perylene-d12	25.18	264	344333	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	348040	141.33	ng	-0.01
7) Phenol-d6	7.30	99	531287	144.69	ng	-0.01
23) Nitrobenzene-d5	9.33	82	306403	84.90	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	208343	129.80	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	721245	74.57	ng	-0.01
79) Terphenyl-d14	20.12	244	1103285	69.49	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.62	88	82	0.072	ng	# 1
3) Pyridine	3.49	79	54	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.92	42	61	0.042	ng	# 1
6) Aniline	7.68	93	692	0.144	ng	# 1
9) Benzaldehyde	7.31	77	827	0.349	ng	# 4
10) Phenol	7.32	94	8859	2.227	ng	74
11) bis(2-Chloroethyl)ether	7.68	93	692	0.223	ng	# 1
15) Benzyl Alcohol	8.47	79	4418	1.517	ng	# 42
17) 2-Methylphenol	8.47	107	58	0.023	ng	# 1
19) n-Nitroso-di-n-propylamine	9.33	70	38622	14.613	ng	# 69
20) 3+4-Methylphenols	8.47	107	58	0.016	ng	# 1
22) Acetophenone	9.01	105	58	0.011	ng	# 44
24) Nitrobenzene	9.33	77	1133	0.299	ng	# 37
46) 1,1'-Biphenyl	13.61	154	1018	0.090	ng	90
47) 2-Chloronaphthalene	13.87	162	69	0.008	ng	# 39
48) 2-Nitroaniline	14.21	65	423	0.154	ng	# 1
50) Dimethylphthalate	14.22	163	57777	5.018	ng	99
51) 2,6-Dinitrotoluene	14.22	165	644	0.264	ng	# 15
52) Acenaphthene	14.78	154	437	0.052	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	18480	5.388	ng	# 19
58) Fluorene	16.26	166	8928	0.822	ng	# 84
60) Diethylphthalate	15.56	149	530	0.046	ng	# 58
62) 4-Nitroaniline	16.28	138	58	0.022	ng	# 11
63) Azobenzene	16.15	77	62	0.006	ng	# 47
65) 4,6-Dinitro-2-methylphenol	16.26	198	707	0.358	ng	# 1
66) n-Nitrosodiphenylamine	16.26	169	8876	0.918	ng	# 51
67) 4-Bromophenyl-phenylether	16.26	248	16146	4.320	ng	# 1
71) Phenanthrene	17.56	178	526	0.029	ng	# 59
72) Anthracene	17.56	178	526	0.029	ng	# 60
73) Carbazole	17.66	167	64	0.004	ng	# 57
74) Di-n-butylphthalate	18.45	149	2777	0.146	ng	# 89
75) Fluoranthene	19.57	202	479	0.022	ng	63
77) Benzidine	20.12	184	18557	1.673	ng	# 91
78) Pyrene	19.93	202	472	0.021	ng	# 55

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
Data File : BG039824.D
Acq On : 8 Mar 2019 16:57
Operator : JU/SJ
Sample : K1807-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 08 23:12:01 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

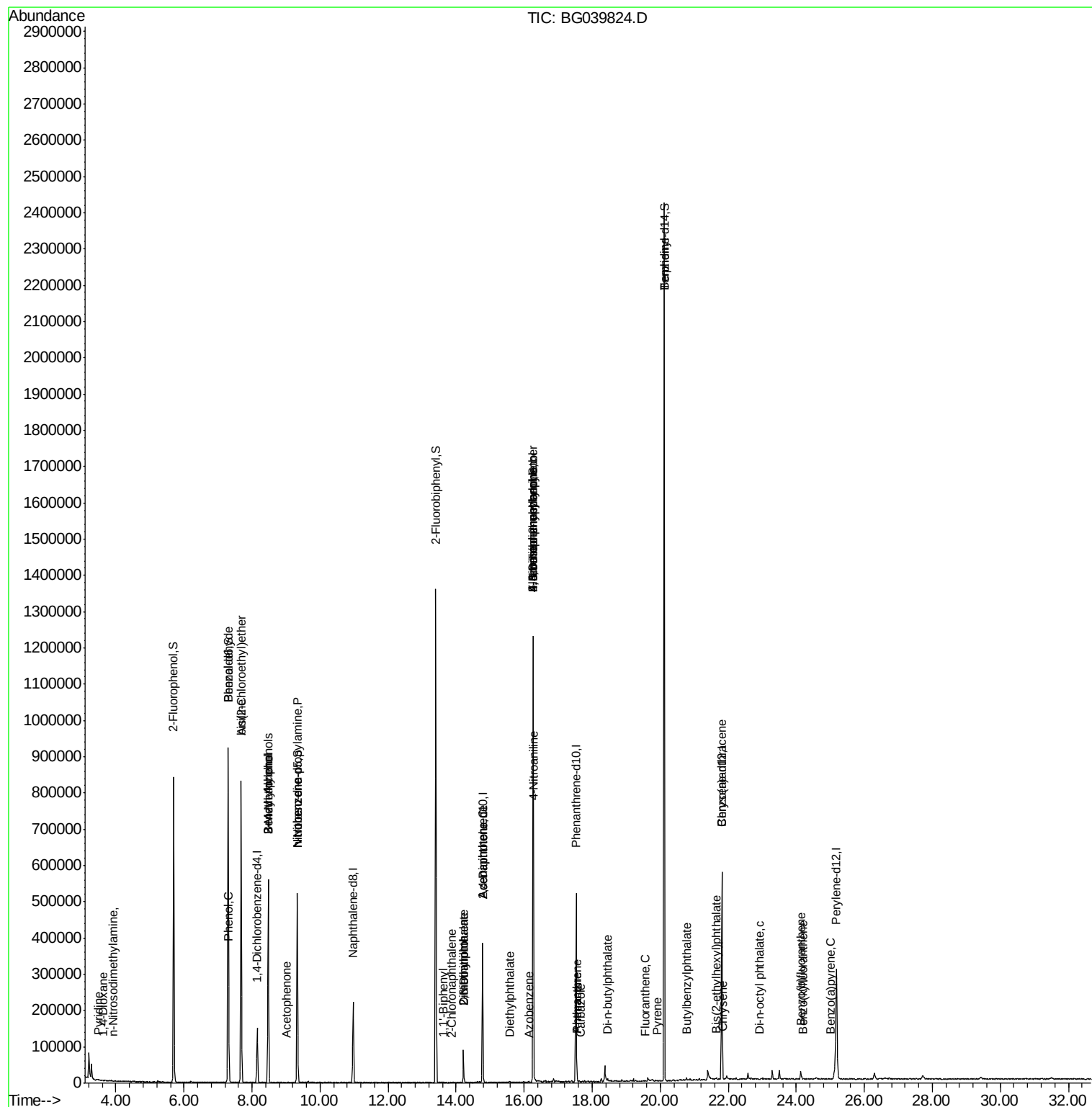
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	20.79	149	77	0.009	nq	# 22
81) Benzo(a)anthracene	21.80	228	1494	0.068	nq	# 54
83) Chrysene	21.85	228	197	0.009	nq	# 48
84) Bis(2-ethylhexyl)phthalate	21.66	149	1653	0.134	nq	# 63
85) Di-n-octyl phthalate	22.91	149	93	0.005	nq	# 1
88) Benzo(b)fluoranthene	24.13	252	55	0.003	nq	# 1
89) Benzo(k)fluoranthene	24.20	252	58	0.003	nq	# 59
90) Benzo(a)pyrene	25.02	252	81	0.004	nq	# 59

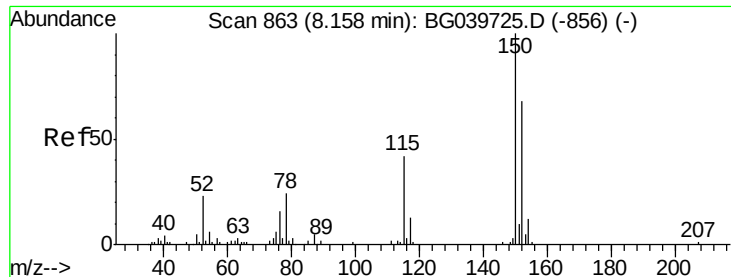
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
Data File : BG039824.D
Acq On : 8 Mar 2019 16:57
Operator : JU/SJ
Sample : K1807-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 08 23:12:01 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



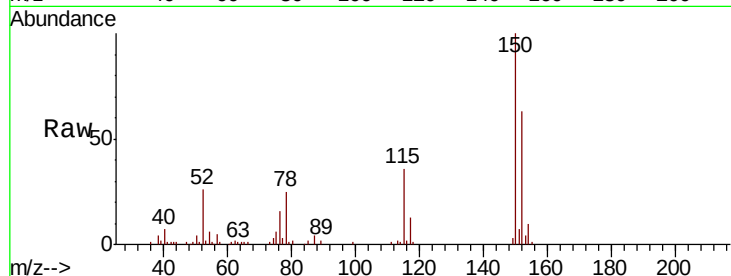


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.7	185.5
115	57.0	45.9	68.9

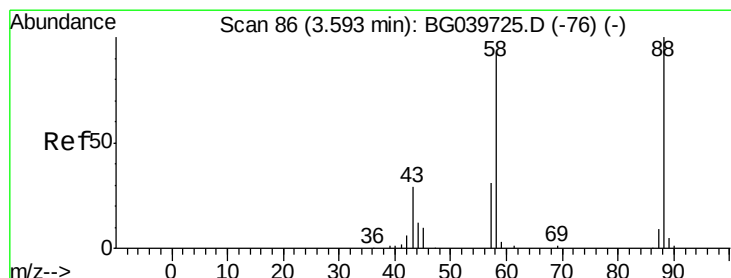
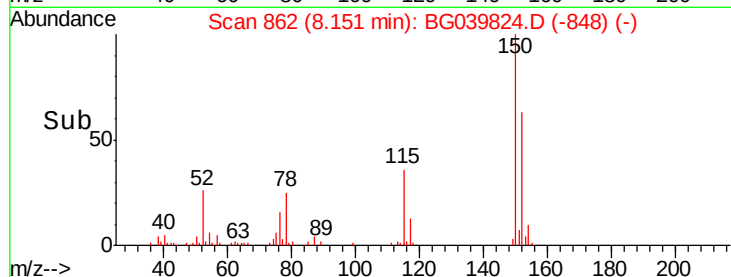
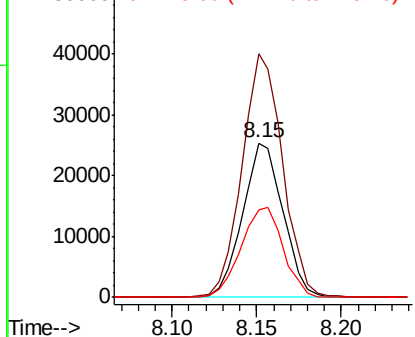


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

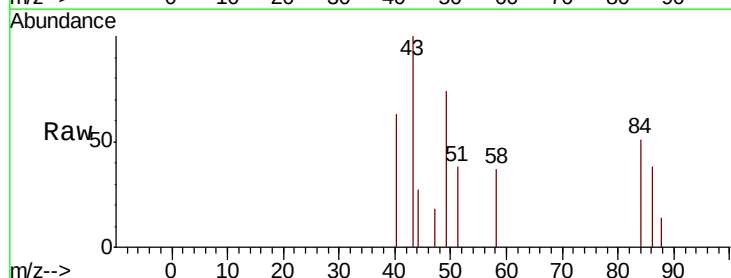
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.072 ng
RT: 3.62 min Scan# 91
Delta R.T. 0.02 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	645.1	81.1	121.7#
43	0.0	31.4	47.0#

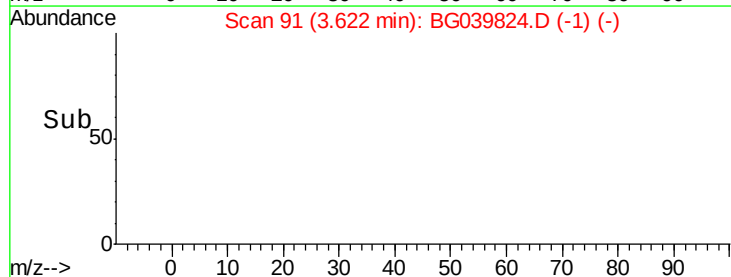
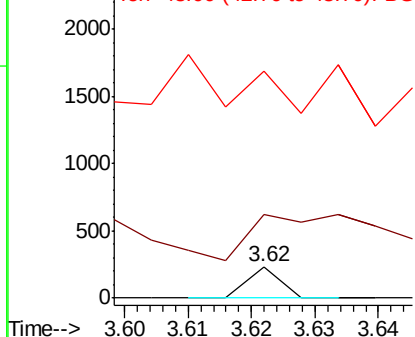


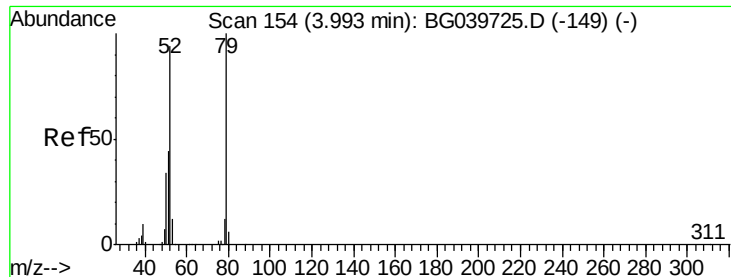
Abundance

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





#3

Pvridine

Concen: 0.018 ng

RT: 3.49 min Scan# 69

Delta R.T. -0.51 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampled :

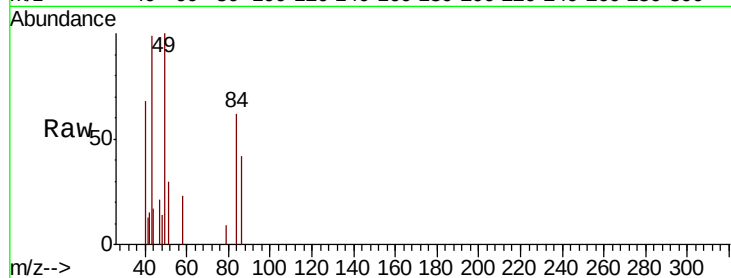
Tot Ion: 79 Resp: 54

Ion Ratio Lower Upper

79 100

52 0.0 82.6 124.0#

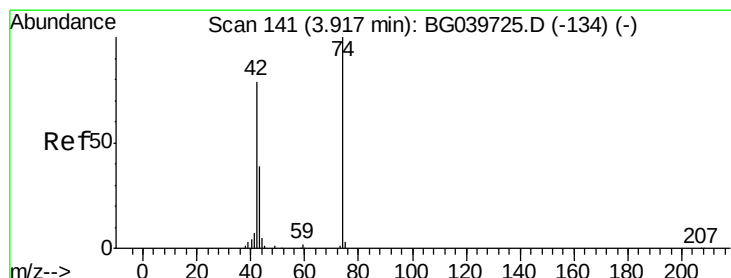
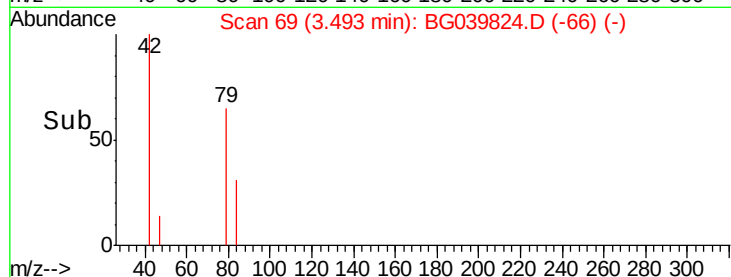
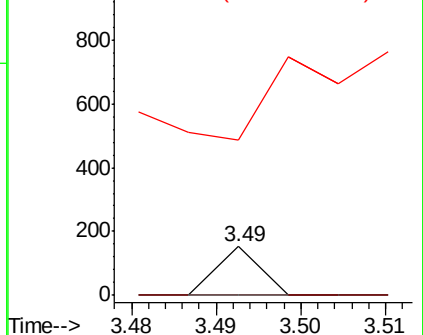
51 319.7 37.5 56.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.042 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

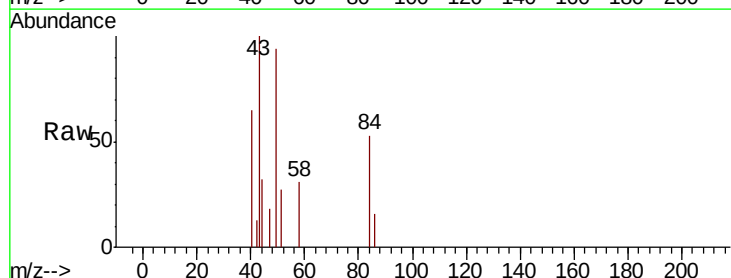
Tgt Ion: 42 Resp: 61

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

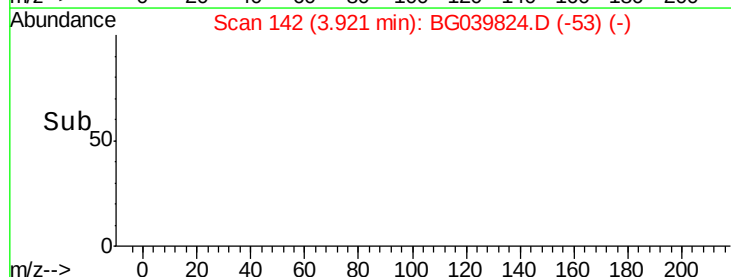
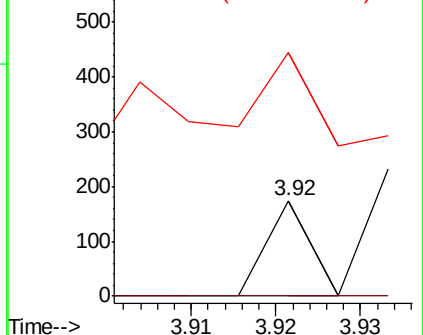
44 255.2 6.9 10.3#

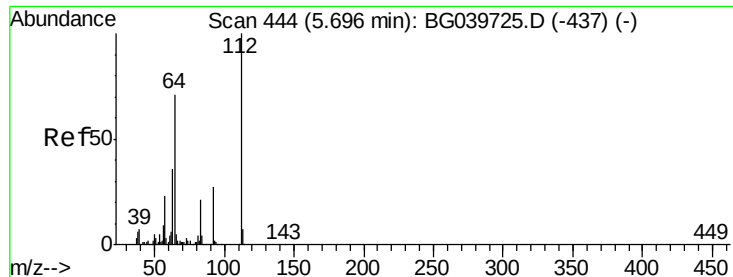


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.331 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampled :

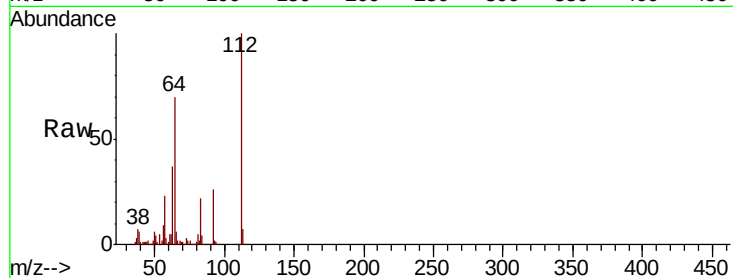
Tot Ion:112 Resp: 348040

Ion Ratio Lower Upper

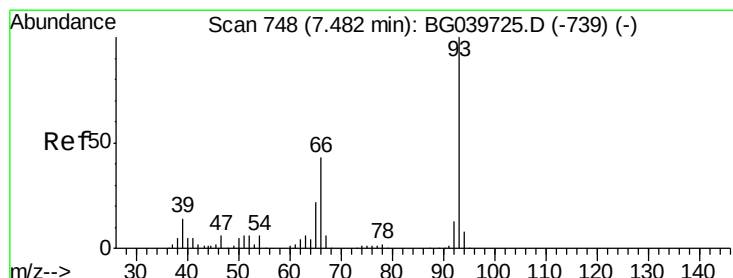
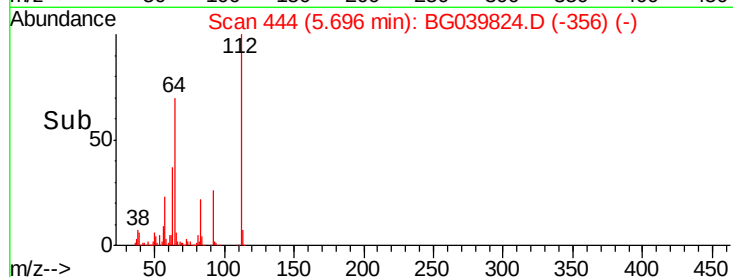
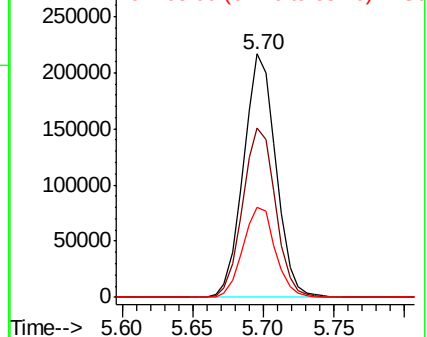
112 100

64 69.6 57.8 86.8

63 37.0 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: 0.144 ng

RT: 7.68 min Scan# 781

Delta R.T. 0.18 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

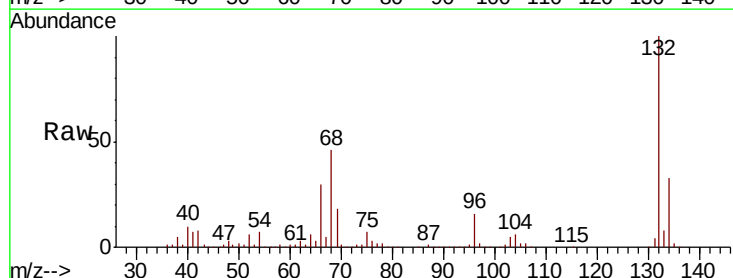
Tgt Ion: 93 Resp: 692

Ion Ratio Lower Upper

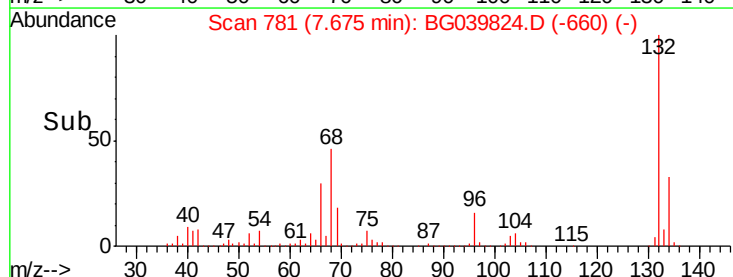
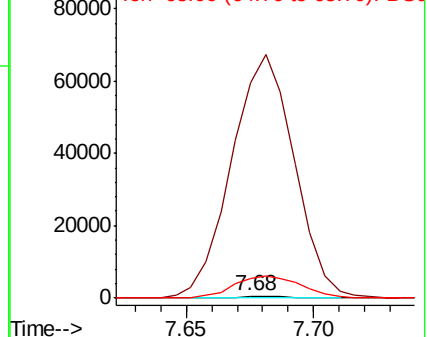
93 100

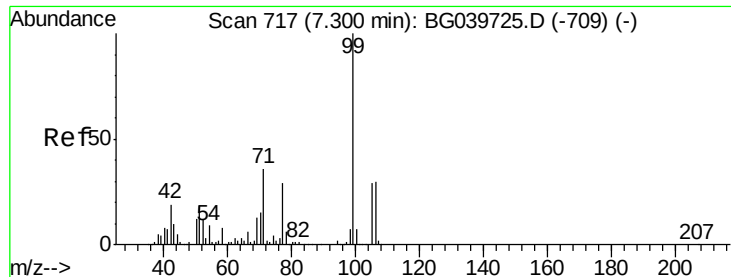
66 11785.7 34.2 51.4#

65 1079.0 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: 144.691 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampleId :

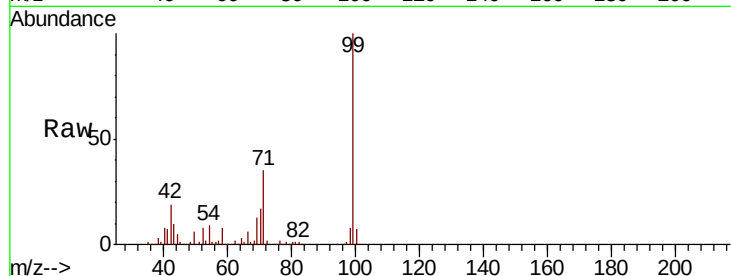
Tot Ion: 99 Resp: 531287

Ion Ratio Lower Upper

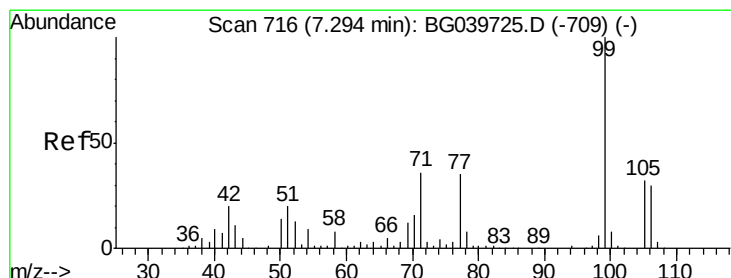
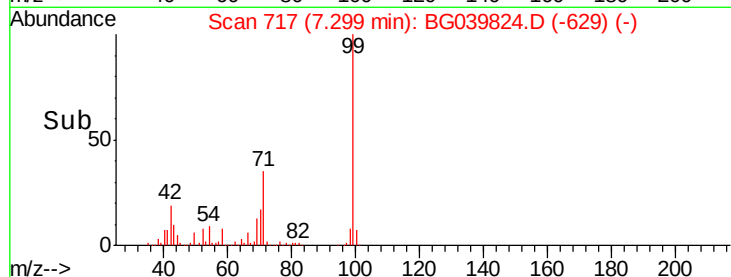
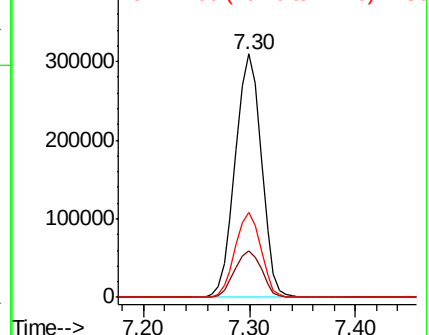
99 100

42 19.3 18.2 27.2

71 34.7 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



#9

Benzaldehyde

Concen: 0.349 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

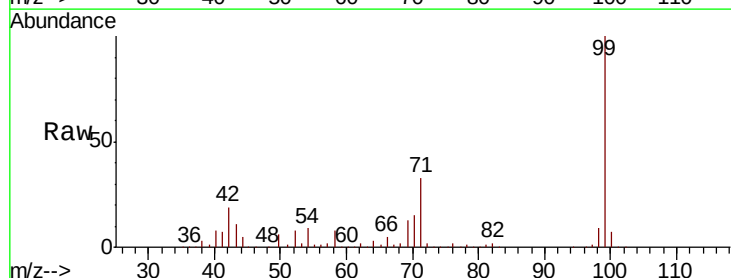
Tgt Ion: 77 Resp: 827

Ion Ratio Lower Upper

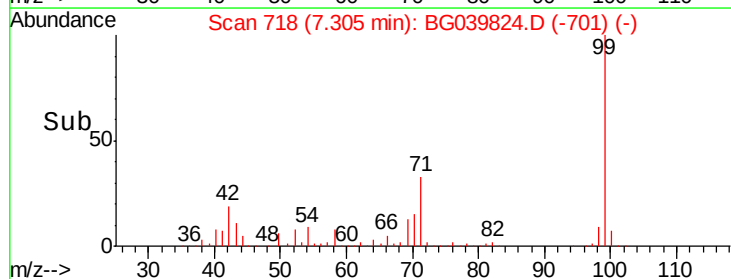
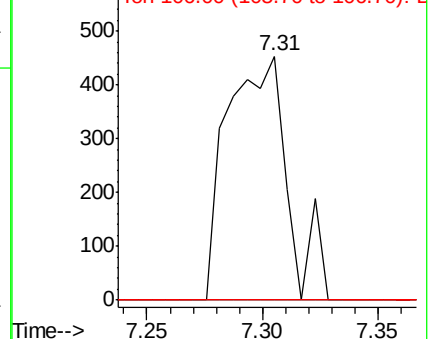
77 100

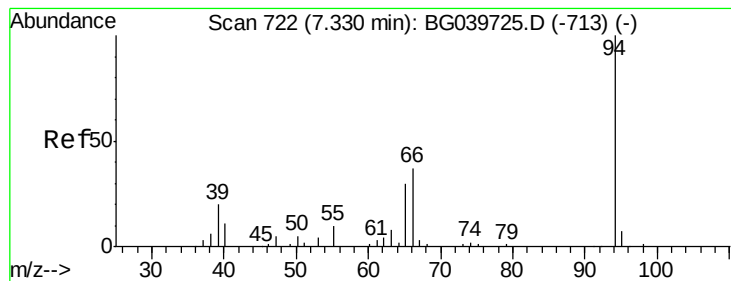
105 0.0 74.5 114.5#

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): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 2.227 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

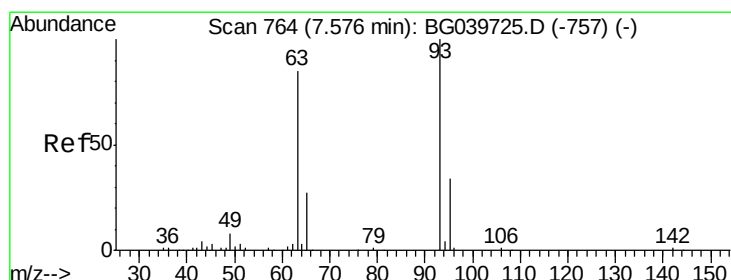
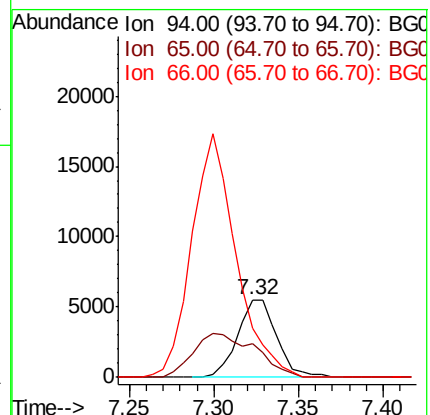
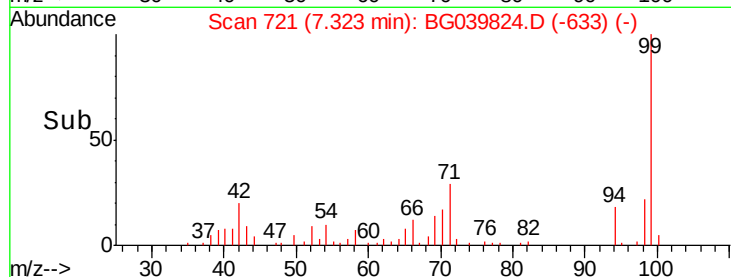
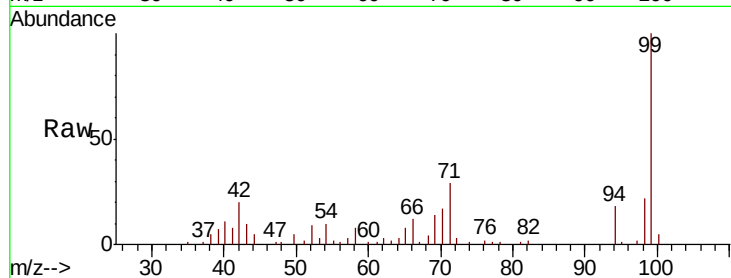
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 94 Resp: 8859

Ion	Ratio	Lower	Upper
94	100		
65	43.1	11.7	51.7
66	62.9	23.7	63.7



#11

bis(2-Chloroethyl)ether

Concen: 0.223 ng

RT: 7.68 min Scan# 781

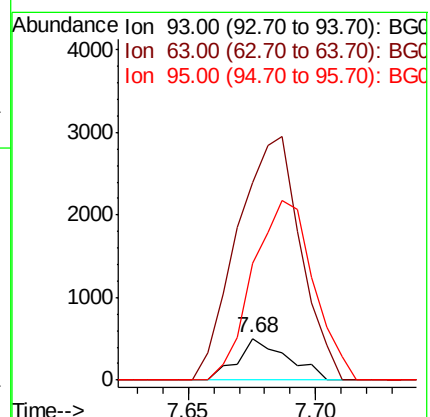
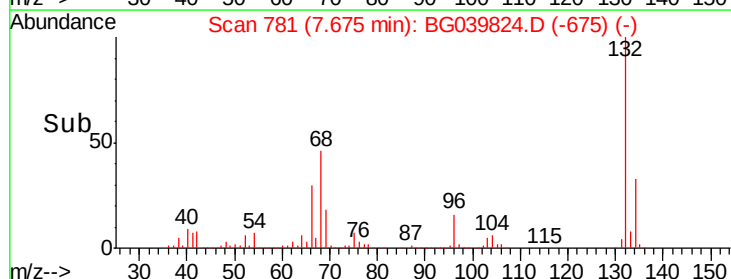
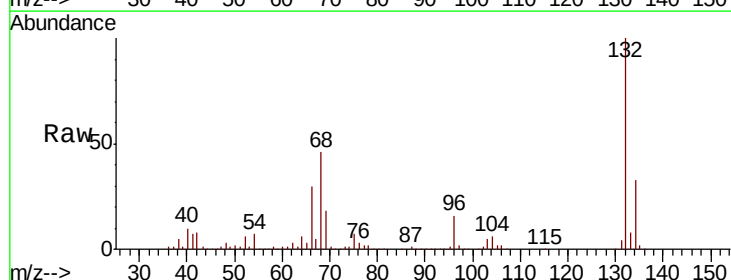
Delta R.T. 0.09 min

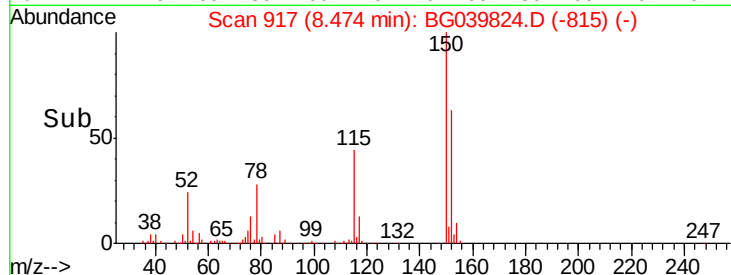
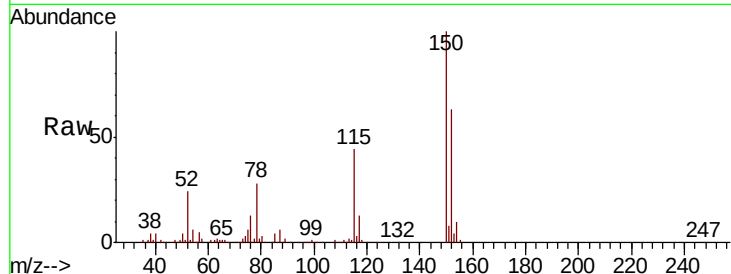
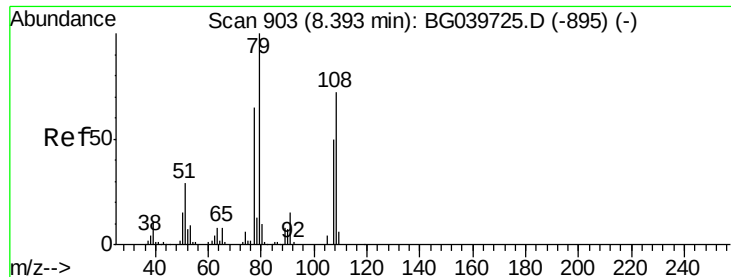
Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Tgt Ion: 93 Resp: 692

Ion	Ratio	Lower	Upper
93	100		
63	474.2	69.5	109.5#
95	282.1	12.7	52.7#

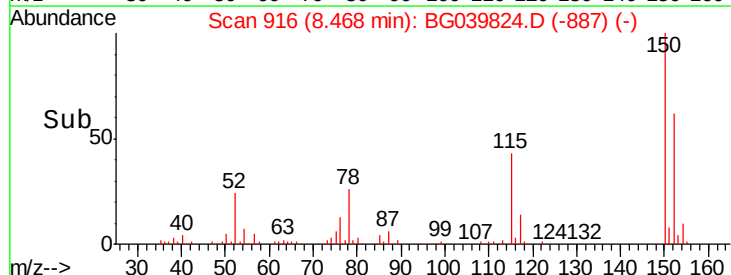
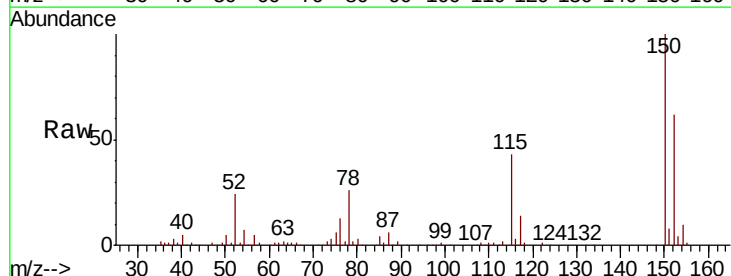
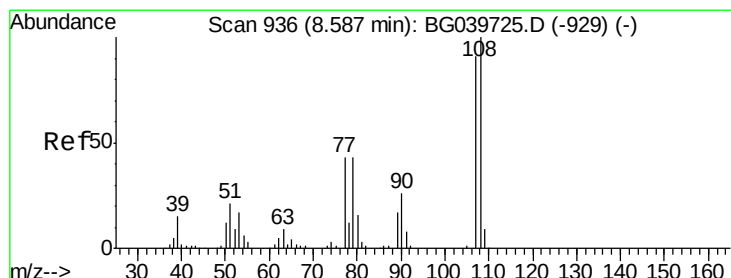
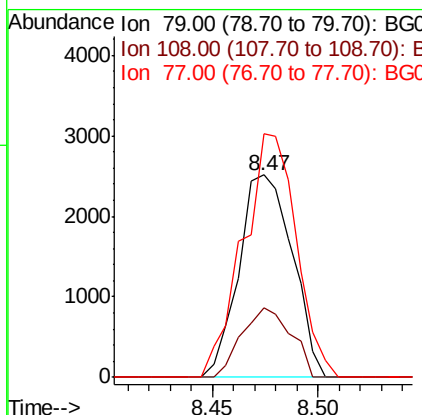




#15
Benzyl Alcohol
Concen: 1.517 ng
RT: 8.47 min Scan# 917
Delta R.T. 0.07 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

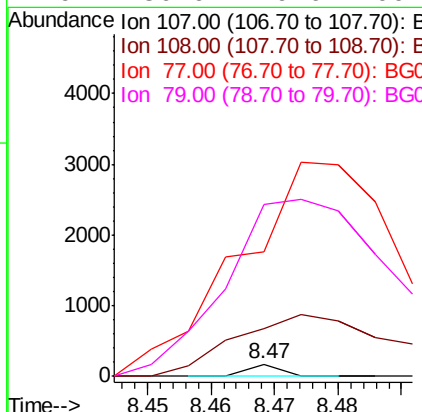
Instrument :
BNA_G
ClientSampleId :

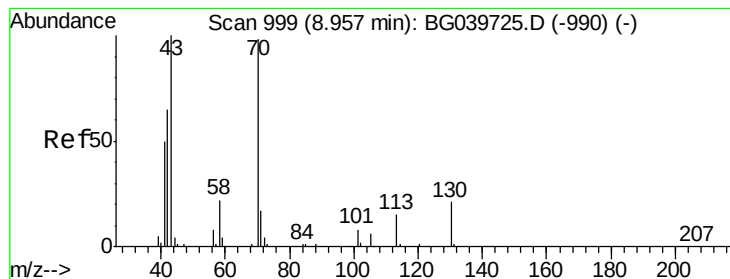
Tot Ion: 79 Resp: 4418
Ion Ratio Lower Upper
79 100
108 34.4 57.8 86.6#
77 120.5 51.1 76.7#



#17
2-Methylphenol
Concen: 0.023 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.13 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Tgt Ion: 107 Resp: 58
Ion Ratio Lower Upper
107 100
108 406.7 90.8 136.2#
77 1076.8 40.7 61.1#
79 1486.0 40.6 60.8#





#19

n-Nitroso-di-n-propylamine

Concen: 14.613 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 38622

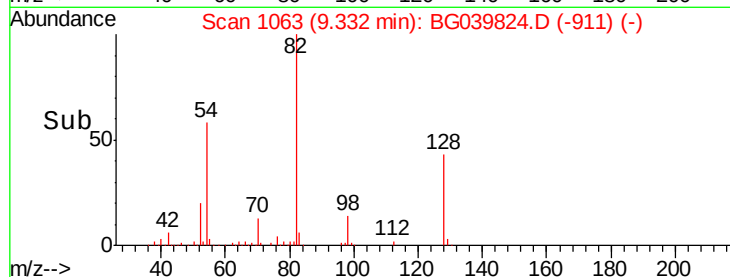
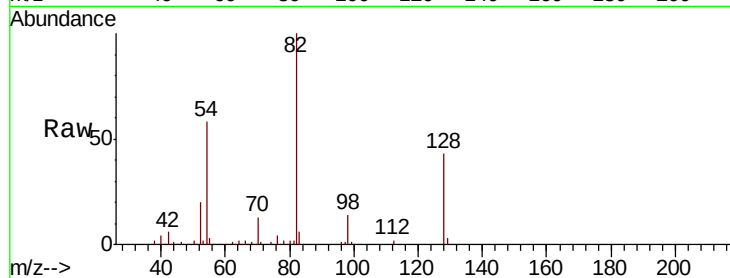
Ion Ratio Lower Upper

70 100

42 50.7 60.4 90.6#

101 0.0 7.5 11.3#

130 1.8 16.9 25.3#



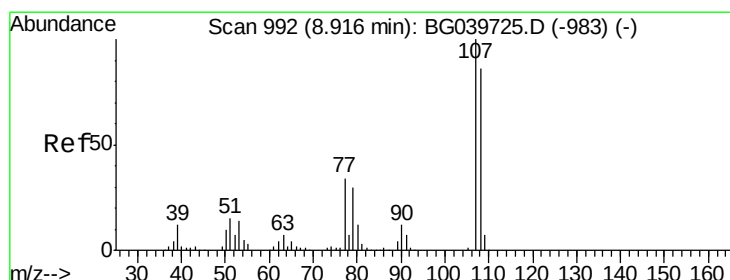
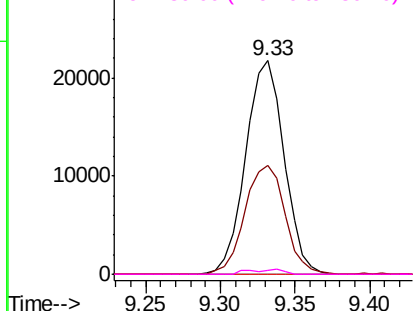
Abundance

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



#20

3+4-Methylphenols

Concen: 0.016 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.46 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Tgt Ion: 107 Resp: 58

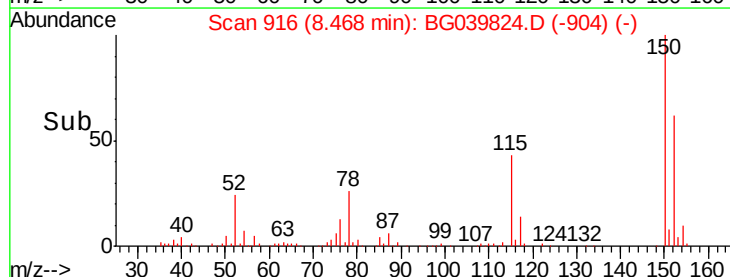
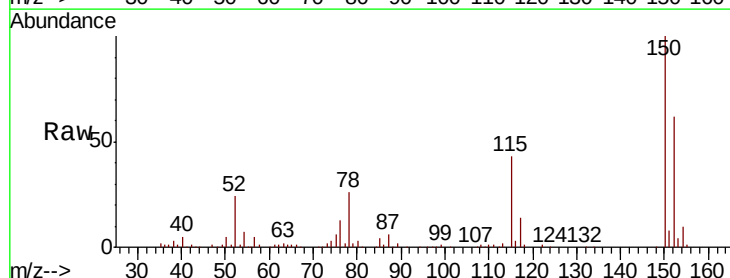
Ion Ratio Lower Upper

107 100

108 406.7 67.9 107.9#

77 1076.8 15.4 55.4#

79 1486.0 13.7 53.7#



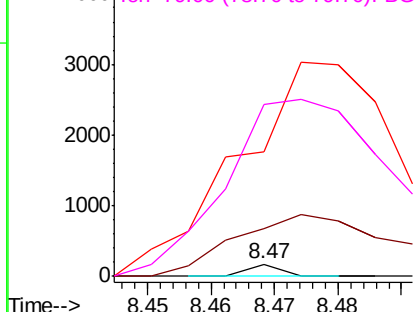
Abundance

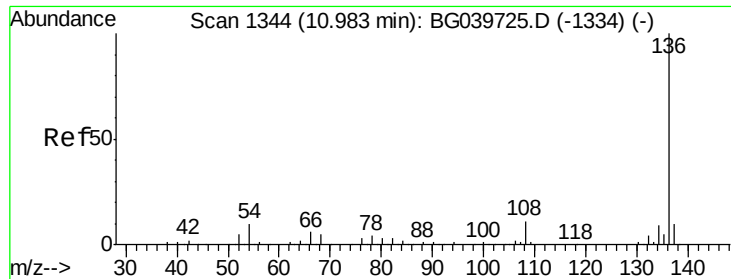
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

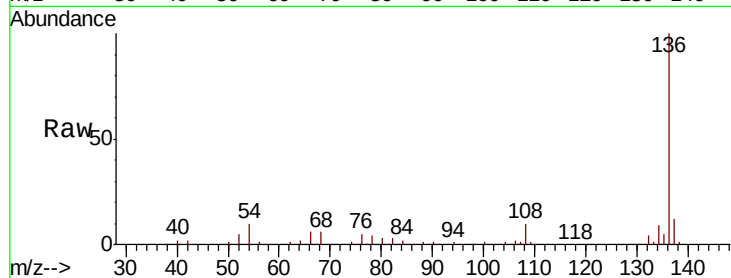




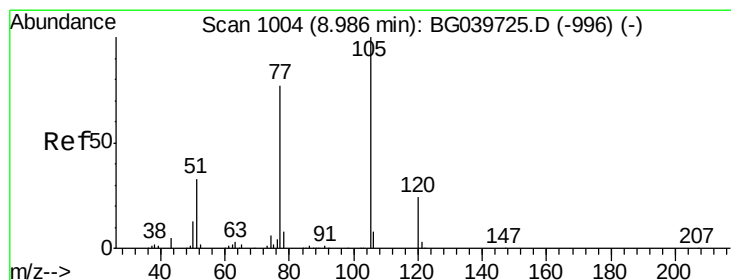
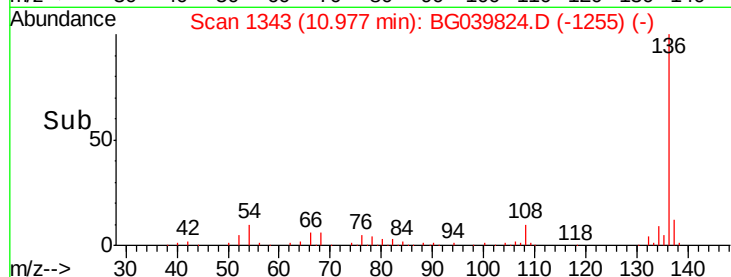
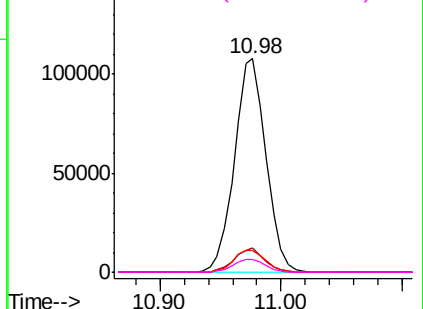
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	195188
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.1 13.7
54	10.2	9.4 14.2
68	6.0	4.2 6.4

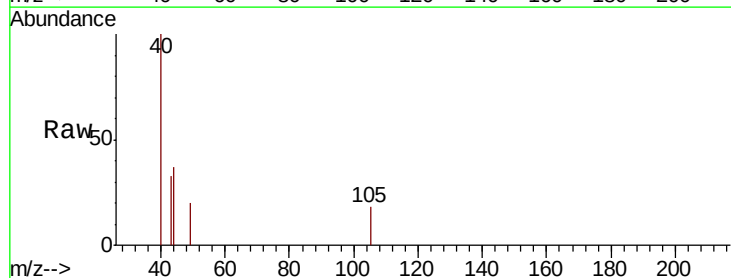


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

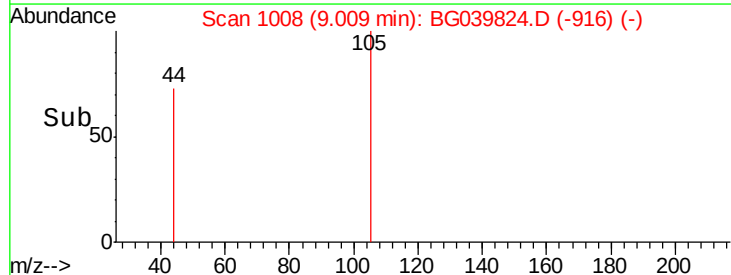
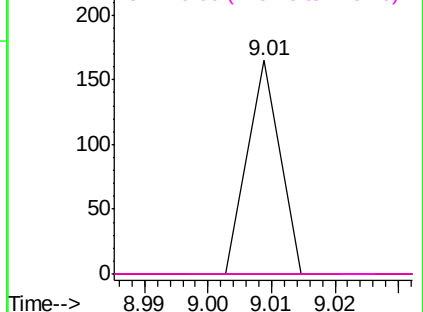


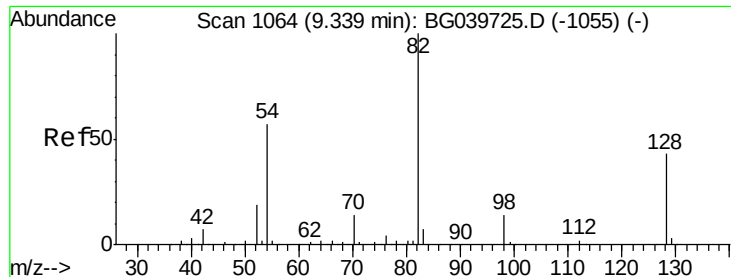
#22
Acetophenone
Concen: 0.011 ng
RT: 9.01 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Tgt Ion:105	Resp:	58
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.8 1.2#
51	0.0	30.2 45.2#
120	0.0	18.0 27.0#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

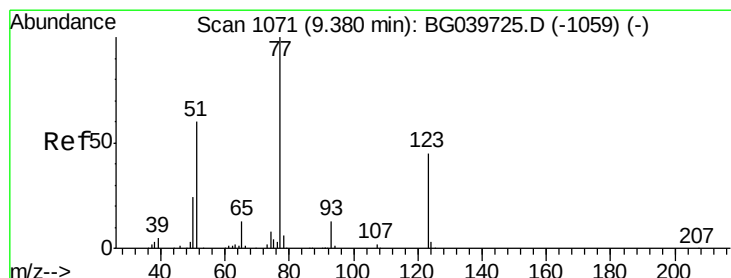
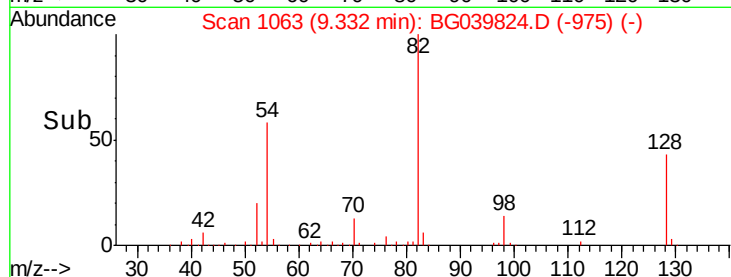
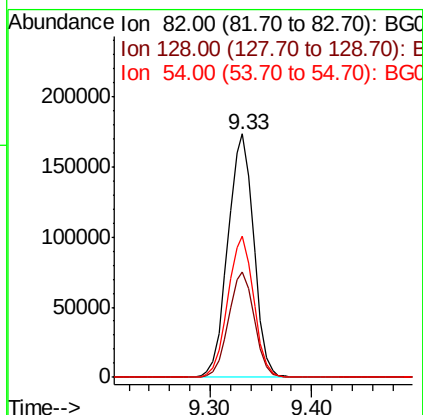
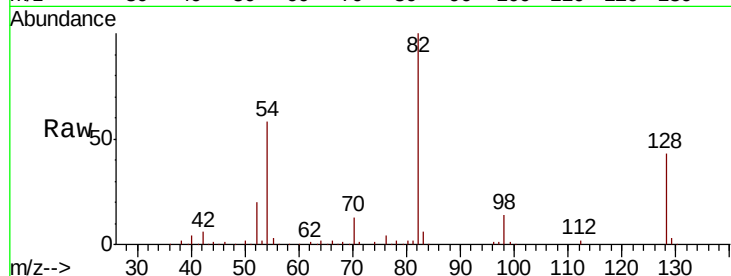




#23
 Nitrobenzene-d5
 Concen: 84.900 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039824.D
 Acq: 8 Mar 2019 16:57

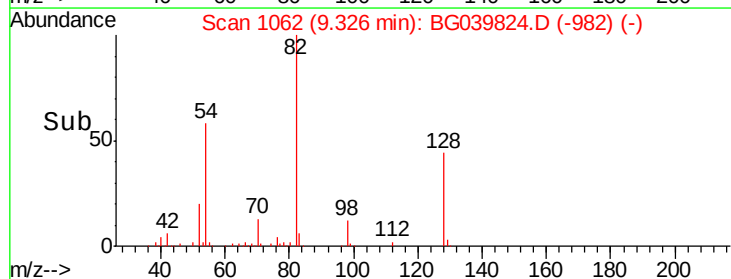
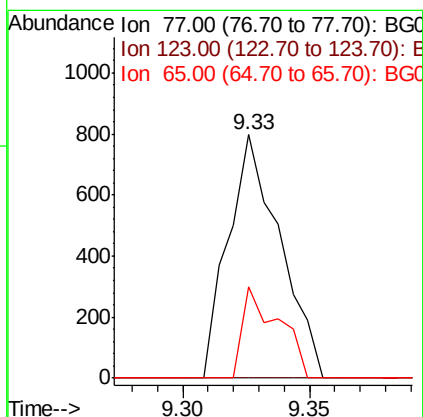
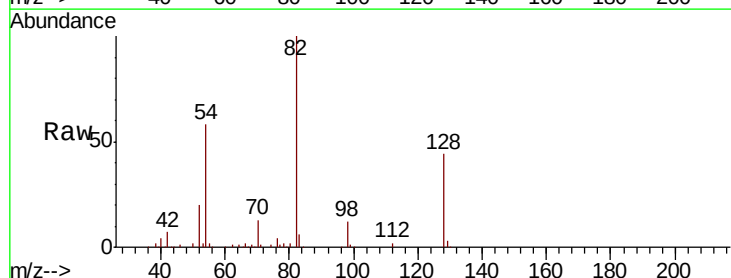
Instrument :
 BNA_G
 ClientSampled :

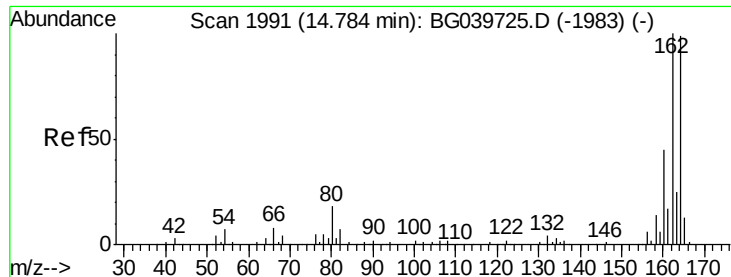
Tot Ion: 82 Resp: 306403
 Ion Ratio Lower Upper
 82 100
 128 43.3 31.3 46.9
 54 57.7 50.9 76.3



#24
 Nitrobenzene
 Concen: 0.299 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.06 min
 Lab File: BG039824.D
 Acq: 8 Mar 2019 16:57

Tgt Ion: 77 Resp: 1133
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 37.3 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: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampleId :

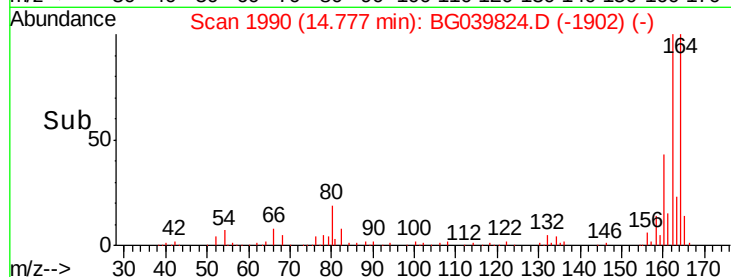
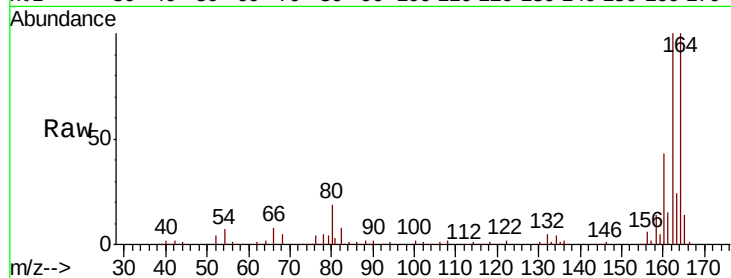
Tot Ion:164 Resp: 137705

Ion Ratio Lower Upper

164 100

162 99.9 81.6 122.4

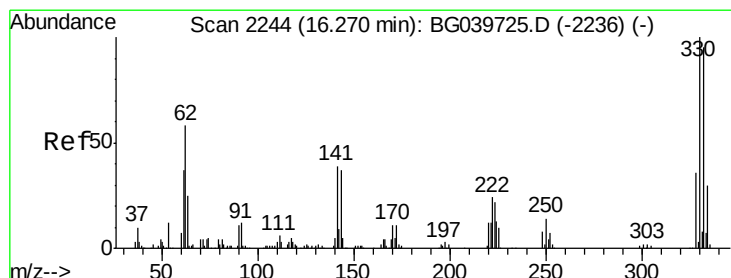
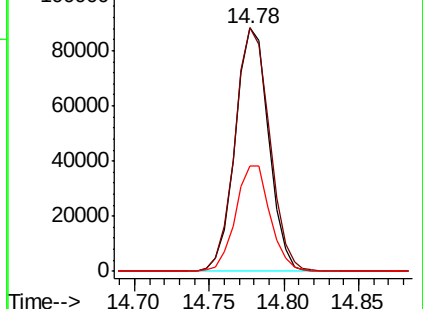
160 43.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 129.804 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

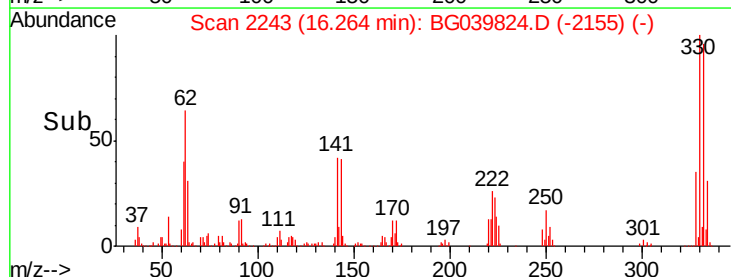
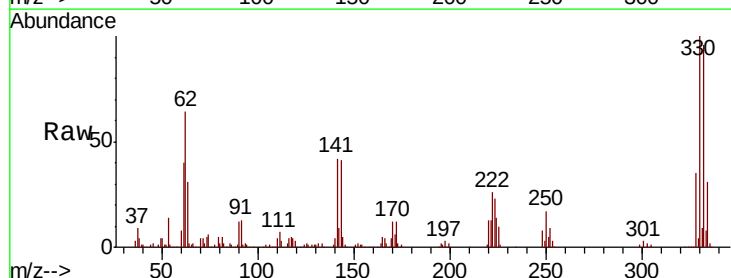
Tgt Ion:330 Resp: 208343

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

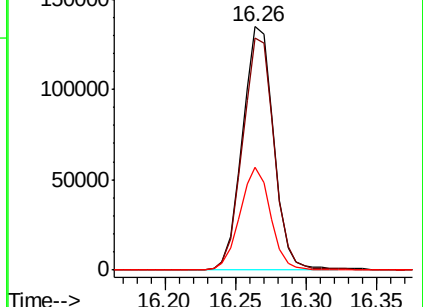
141 41.6 35.6 53.4

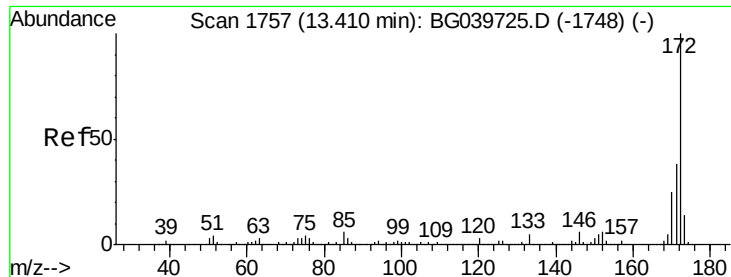


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

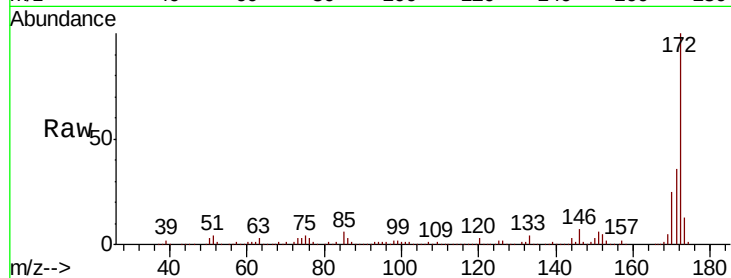




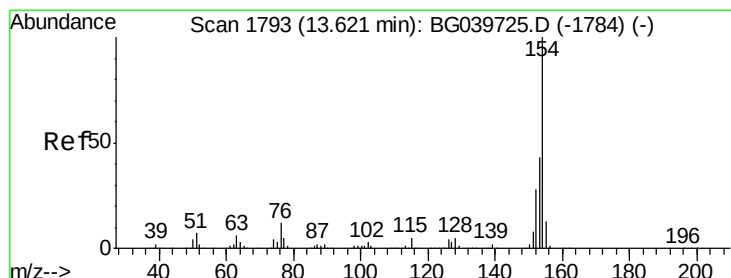
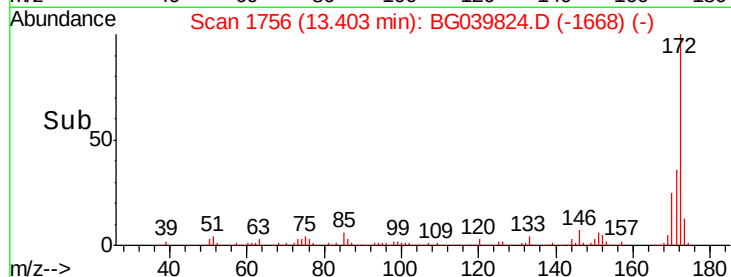
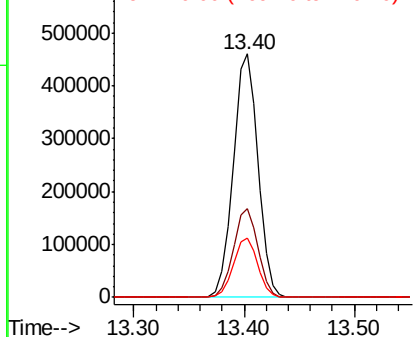
#45
2-Fluorobiphenyl
Concen: 74.575 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 721245
Ion Ratio Lower Upper
172 100
171 36.5 30.8 46.2
170 24.5 20.2 30.4

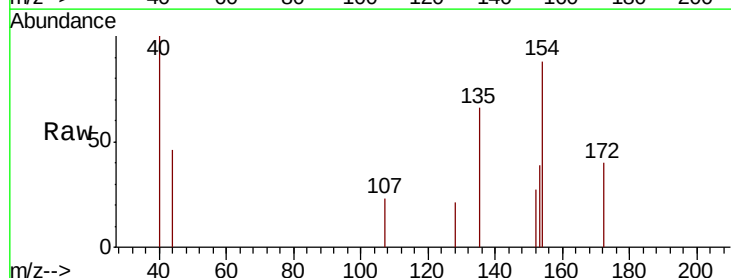


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

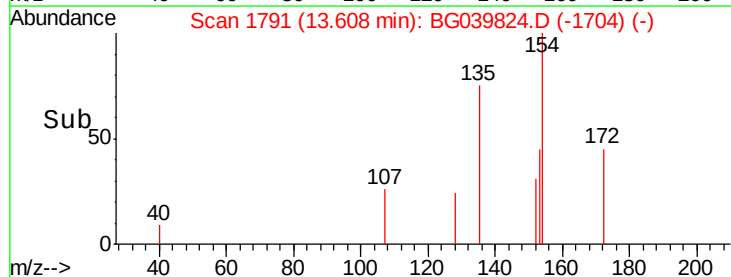
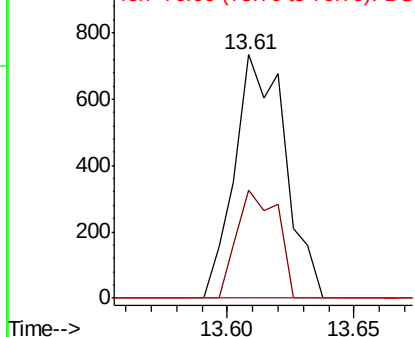


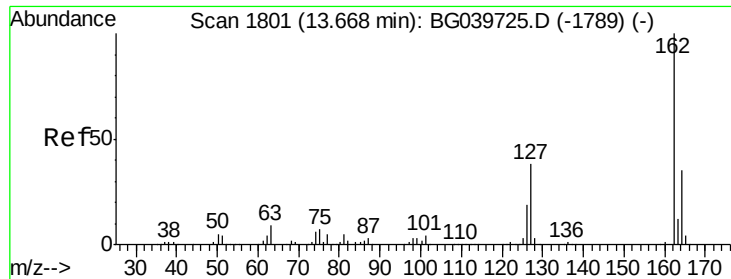
#46
1,1'-Biphenyl
Concen: 0.090 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Tgt Ion:154 Resp: 1018
Ion Ratio Lower Upper
154 100
153 44.6 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): BG

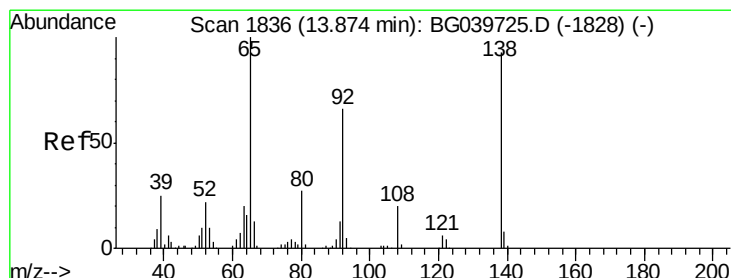
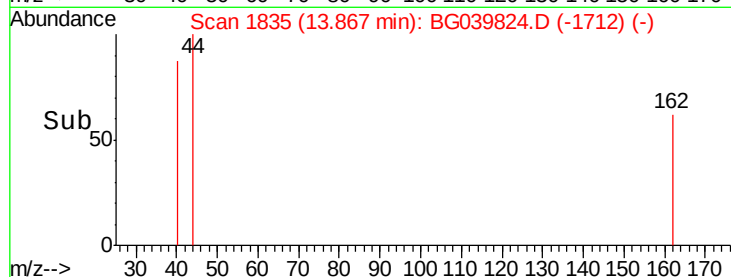
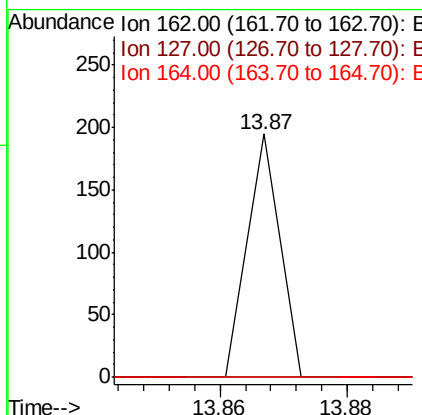
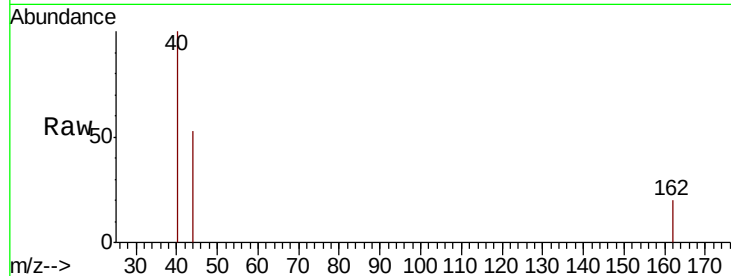




#47
 2-Chloronaphthalene
 Concen: 0.008 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. 0.19 min
 Lab File: BG039824.D
 Acq: 8 Mar 2019 16:57

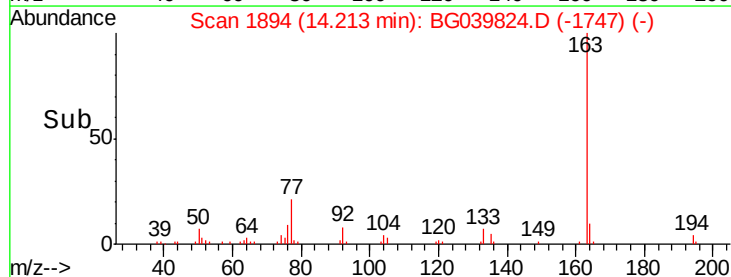
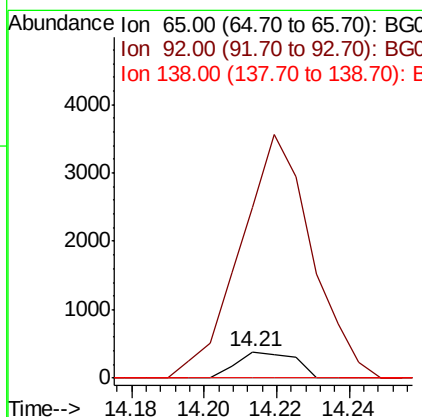
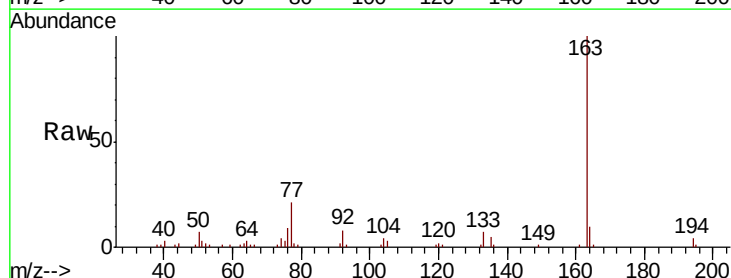
Instrument :
 BNA_G
 ClientSampled :

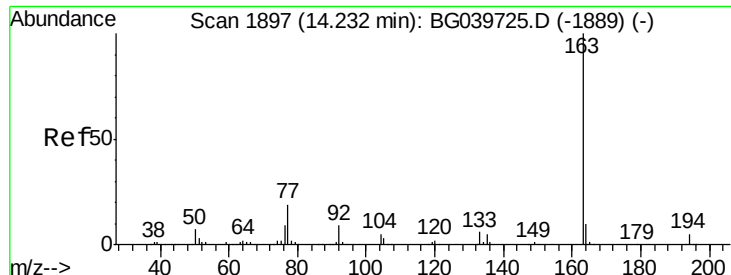
Tot Ion:162 Resp: 69
 Ion Ratio Lower Upper
 162 100
 127 0.0 31.0 46.6#
 164 0.0 25.7 38.5#



#48
 2-Nitroaniline
 Concen: 0.154 ng
 RT: 14.21 min Scan# 1894
 Delta R.T. 0.33 min
 Lab File: BG039824.D
 Acq: 8 Mar 2019 16:57

Tgt Ion: 65 Resp: 423
 Ion Ratio Lower Upper
 65 100
 92 649.5 51.4 77.2#
 138 0.0 71.4 107.2#





#50

Dimethylphthalate

Concen: 5.018 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampled :

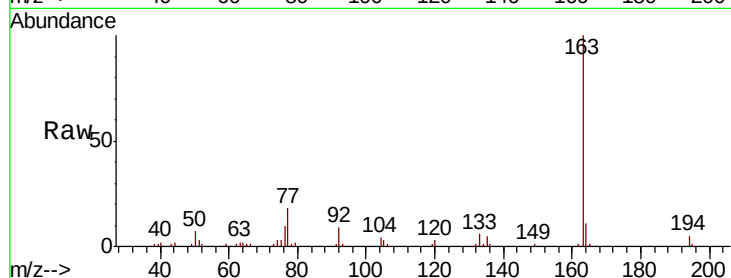
Tot Ion:163 Resp: 57777

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

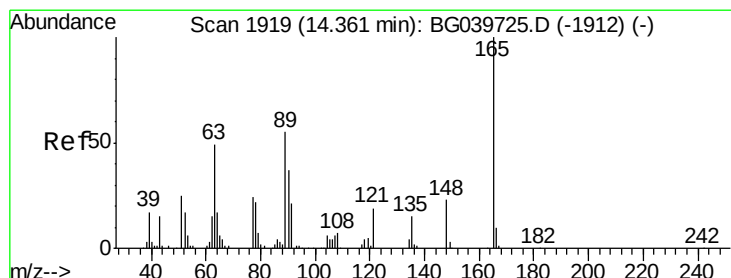
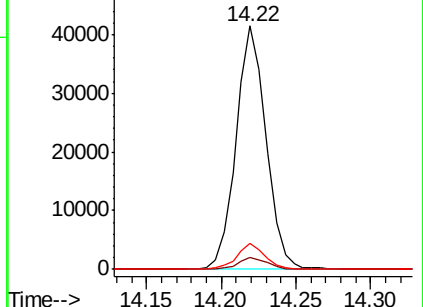
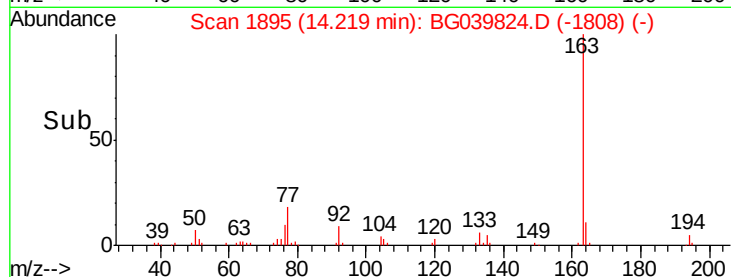
164 10.8 8.4 12.6



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: 0.264 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.15 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

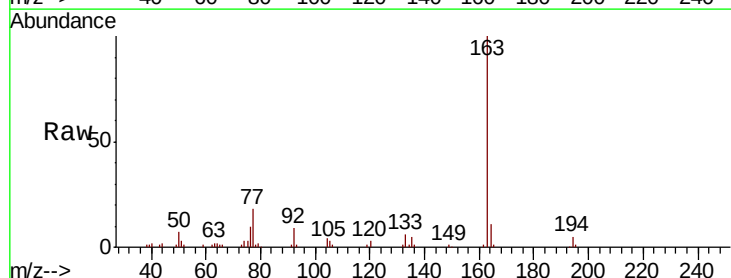
Tgt Ion:165 Resp: 644

Ion Ratio Lower Upper

165 100

63 127.6 47.0 70.6#

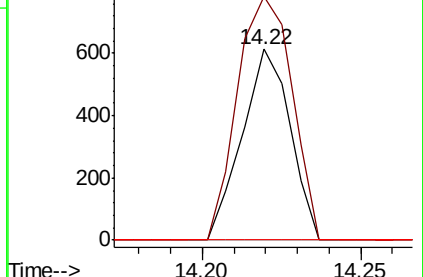
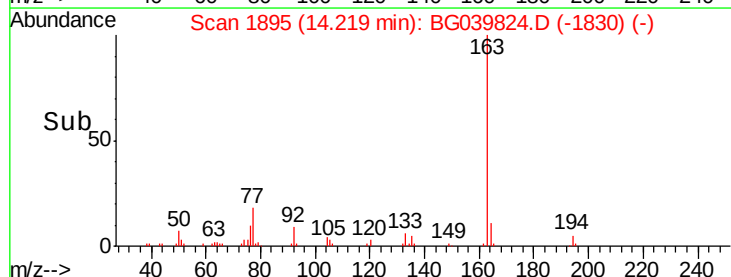
89 0.0 45.8 68.8#

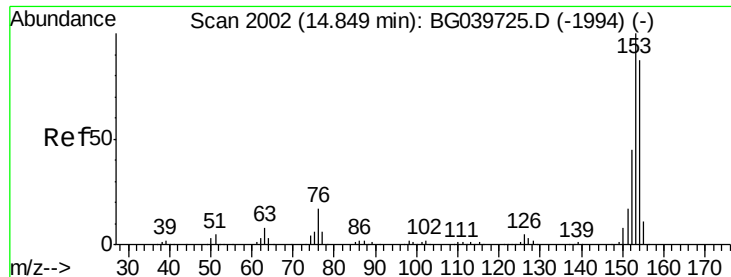


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.052 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.07 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampleId :

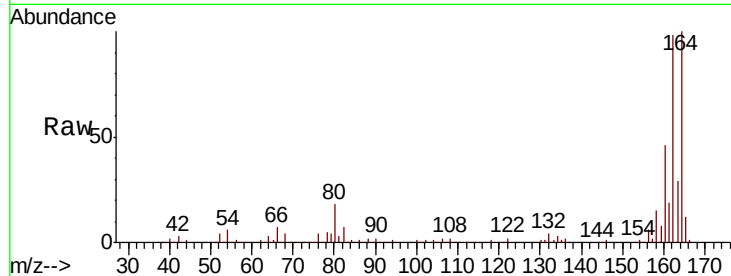
Tot Ion:154 Resp: 437

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

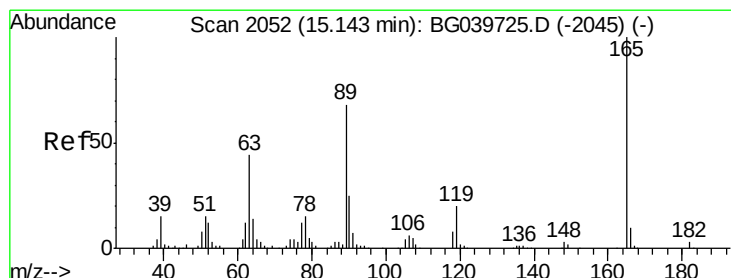
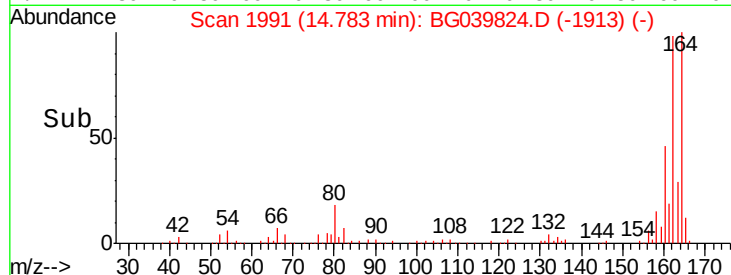
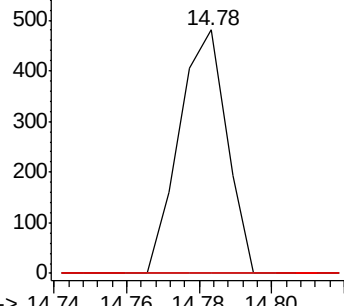
152 0.0 40.9 61.3#



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: 5.388 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Tgt Ion:165 Resp: 18480

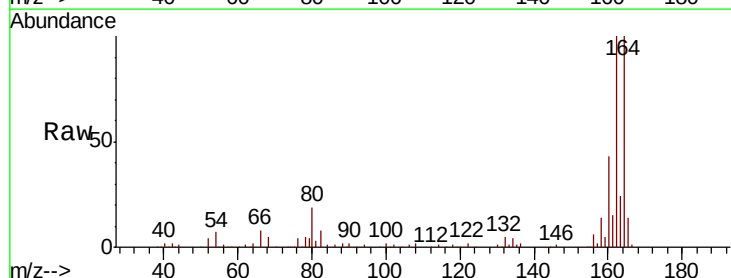
Ion Ratio Lower Upper

165 100

63 2.0 41.0 61.6#

89 1.8 64.6 96.8#

182 0.0 2.0 3.0#

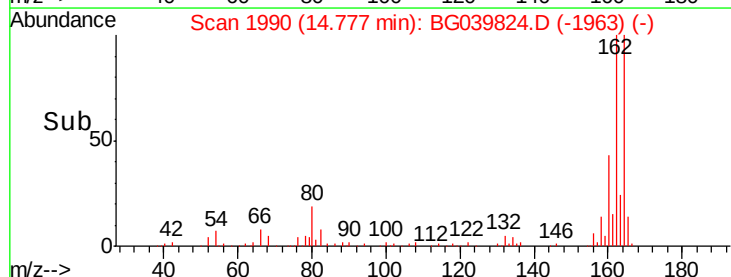
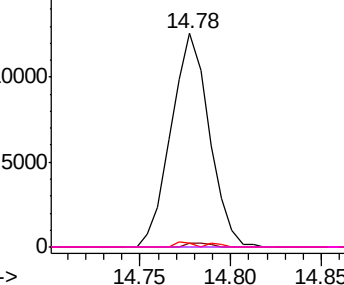


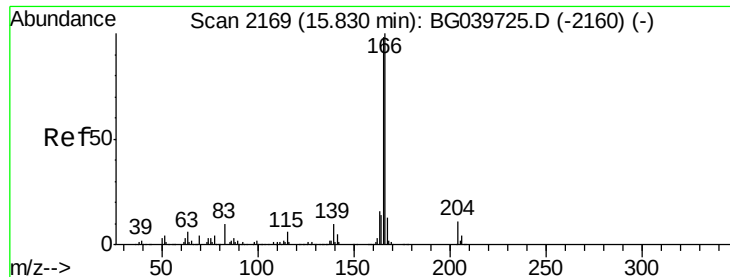
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.822 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.43 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampleId :

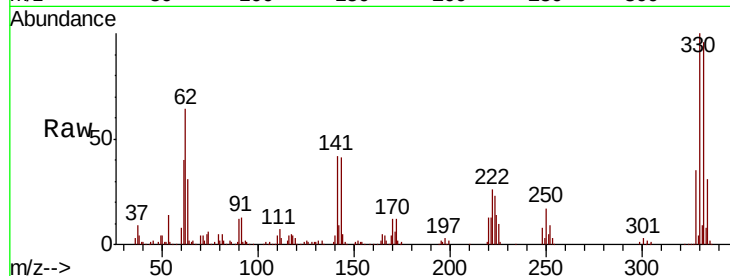
Tot Ion:166 Resp: 8928

Ion Ratio Lower Upper

166 100

165 107.9 77.9 116.9

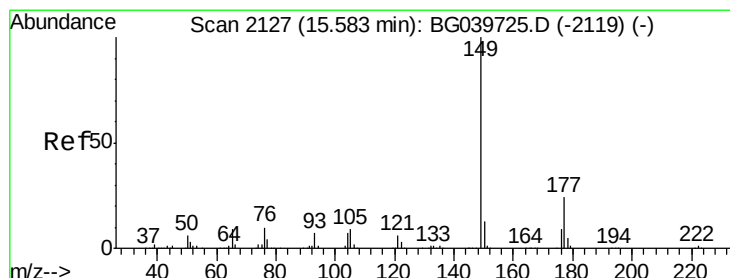
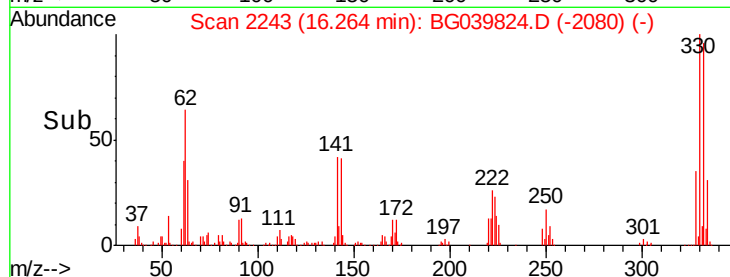
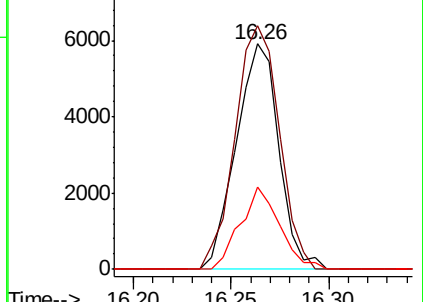
167 36.7 10.8 16.2#



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: 0.046 ng

RT: 15.56 min Scan# 2124

Delta R.T. -0.03 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

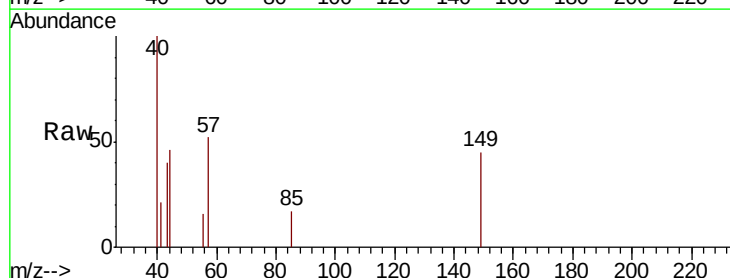
Tgt Ion:149 Resp: 530

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

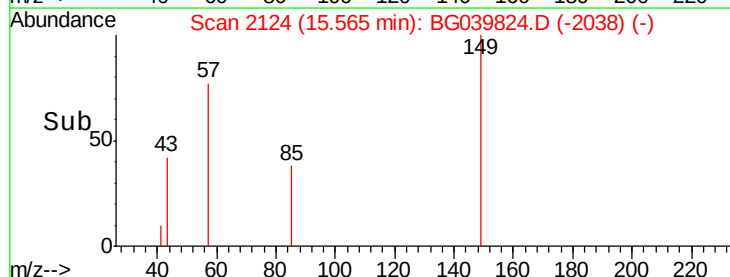
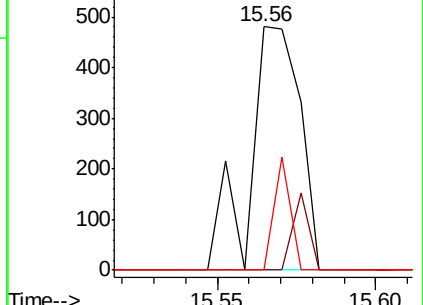
150 0.0 10.2 15.2#

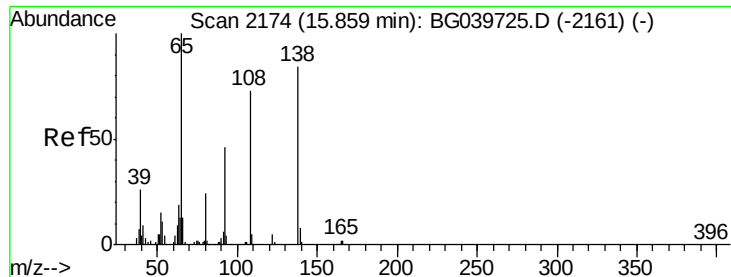


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

4-Nitroaniline

Concen: 0.022 ng

RT: 16.28 min Scan# 2246

Delta R.T. 0.42 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampled :

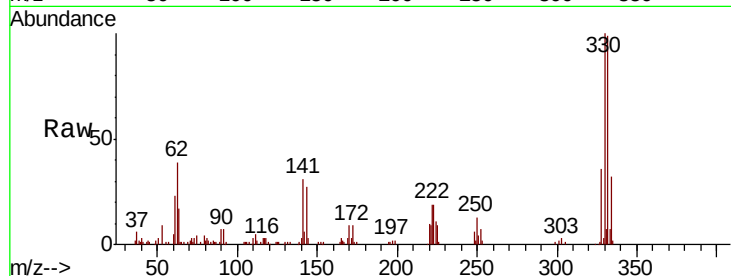
Tot Ion:138 Resp: 58

Ion Ratio Lower Upper

138 100

92 114.6 38.7 78.7#

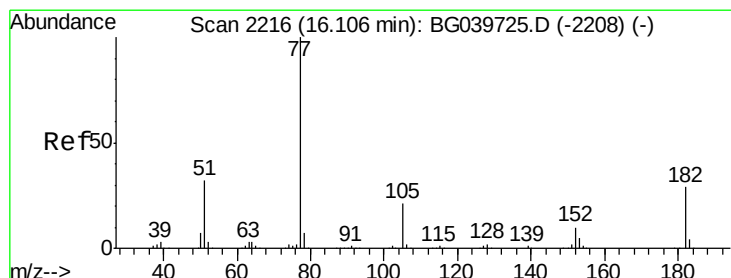
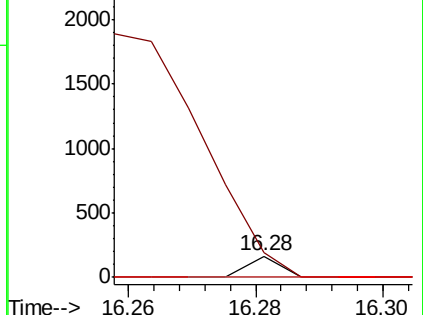
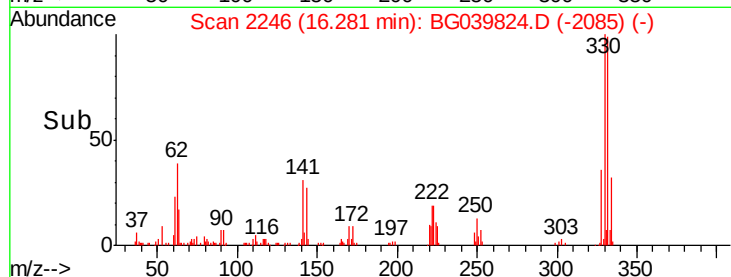
108 0.0 74.6 114.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 0.006 ng

RT: 16.15 min Scan# 2224

Delta R.T. 0.04 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Tgt Ion: 77 Resp: 62

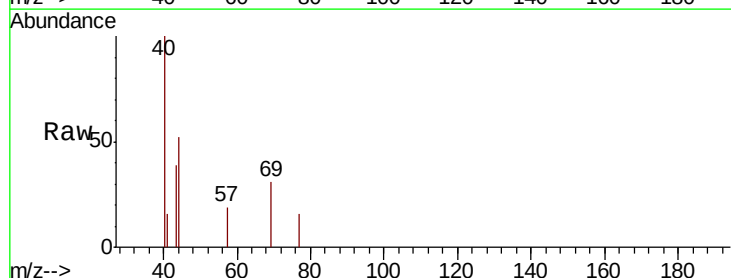
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 0.0 0.0 39.8

51 0.0 14.1 54.1#

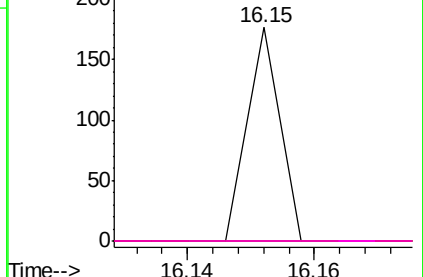
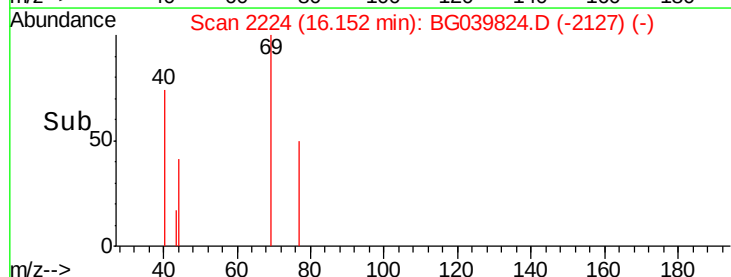


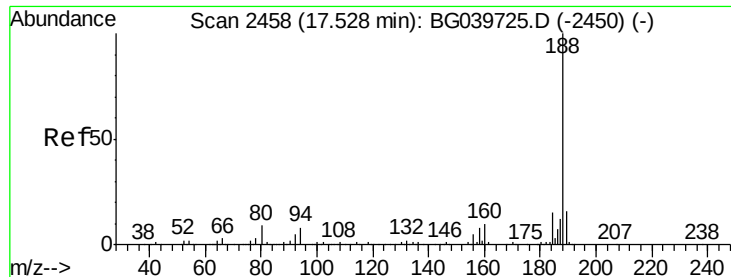
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampleId :

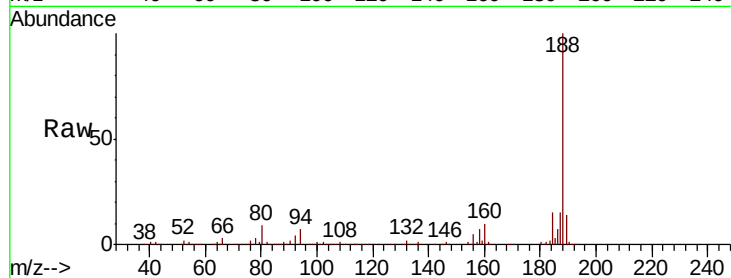
Tot Ion:188 Resp: 333889

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

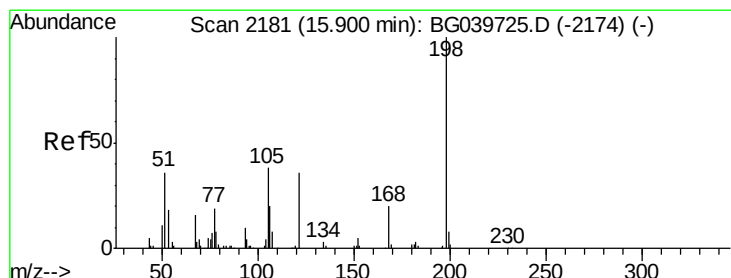
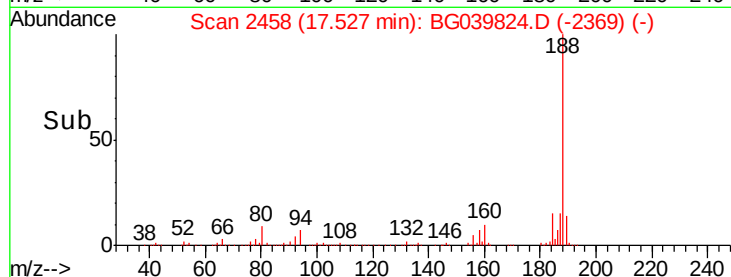
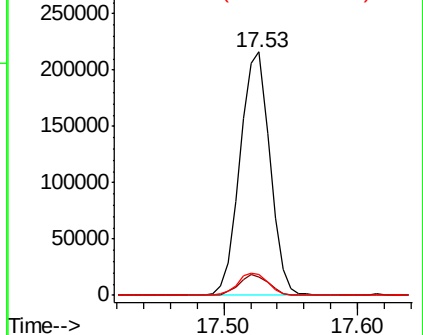
80 8.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.358 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.36 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

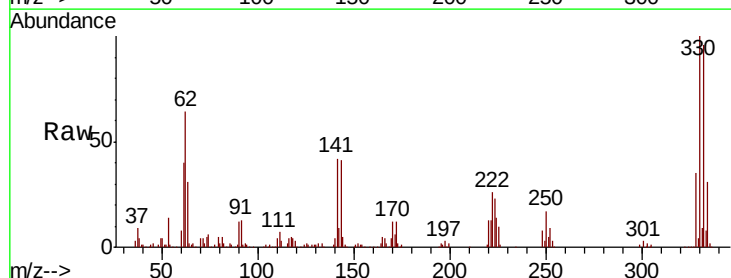
Tgt Ion:198 Resp: 707

Ion Ratio Lower Upper

198 100

51 196.8 27.4 67.4#

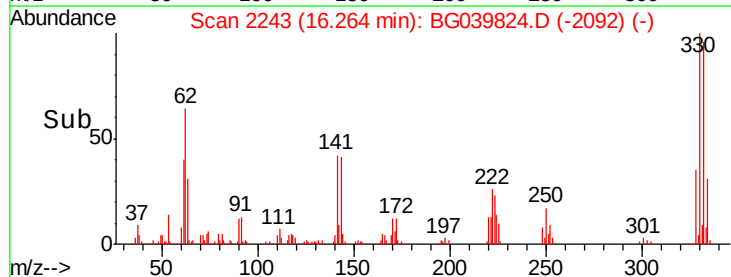
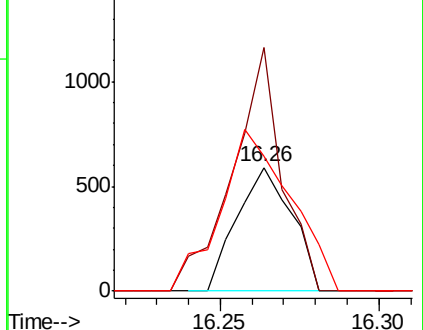
105 108.8 19.7 59.7#

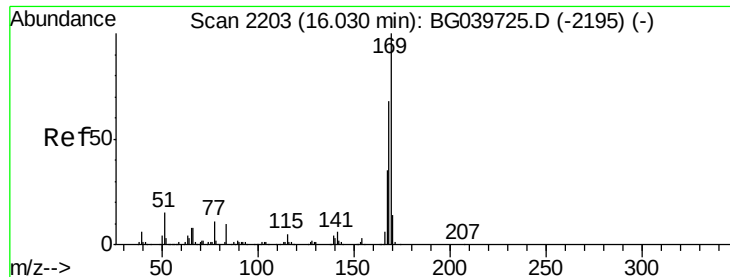


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

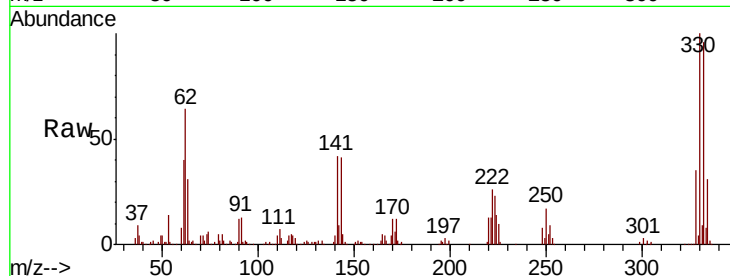




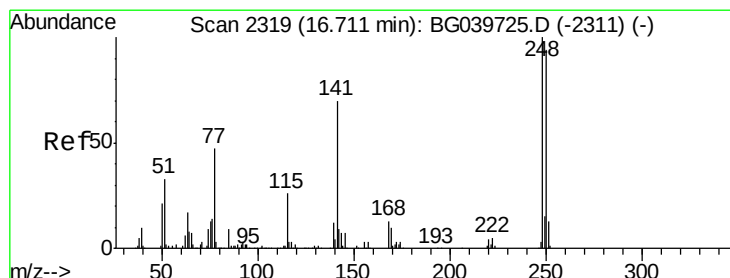
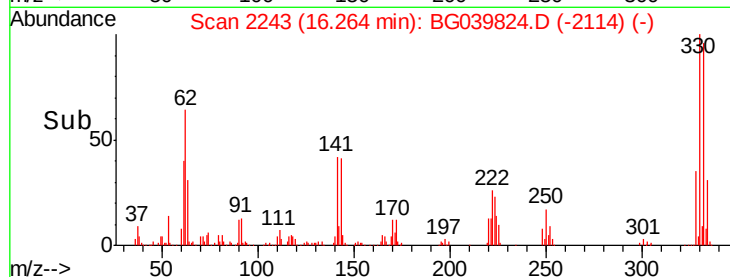
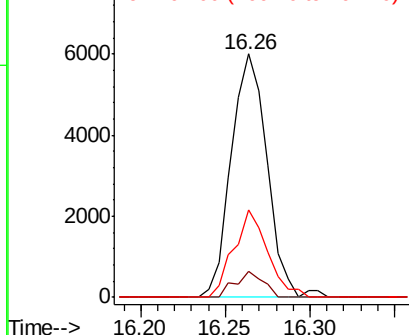
#66
 n-Nitrosodiphenylamine
 Concen: 0.918 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039824.D
 Acq: 8 Mar 2019 16:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 8876
 Ion Ratio Lower Upper
 169 100
 168 10.5 56.6 85.0#
 167 36.1 28.8 43.2

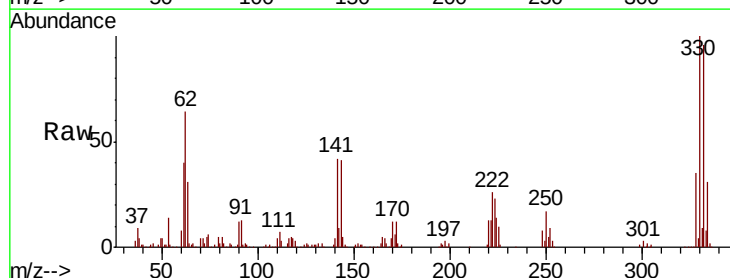


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

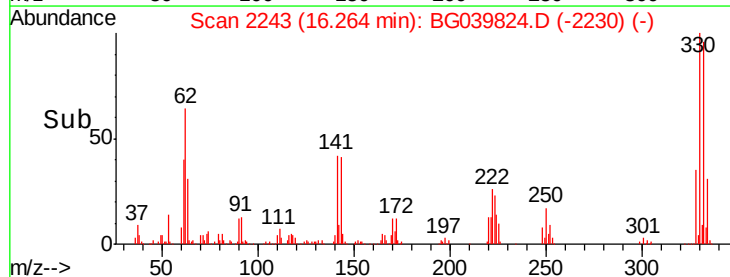
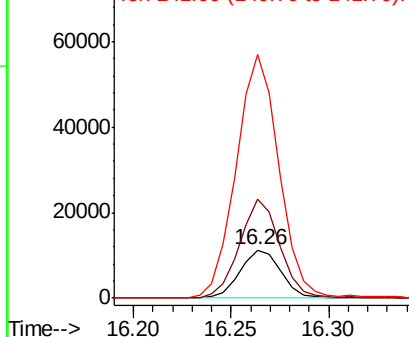


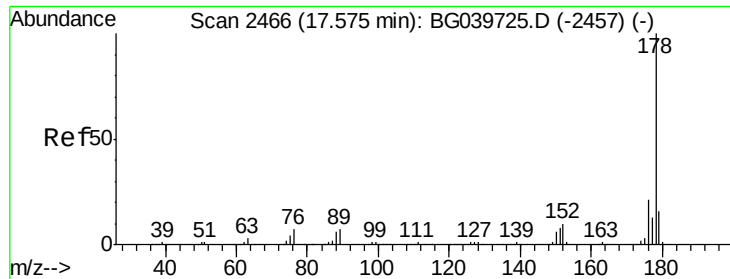
#67
 4-Bromophenyl-phenylether
 Concen: 4.320 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039824.D
 Acq: 8 Mar 2019 16:57

Tgt Ion:248 Resp: 16146
 Ion Ratio Lower Upper
 248 100
 250 207.4 77.6 116.4#
 141 507.5 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

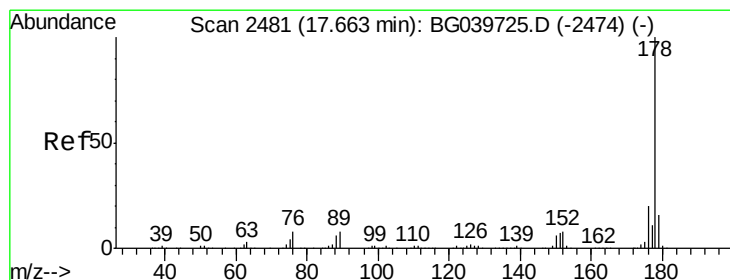
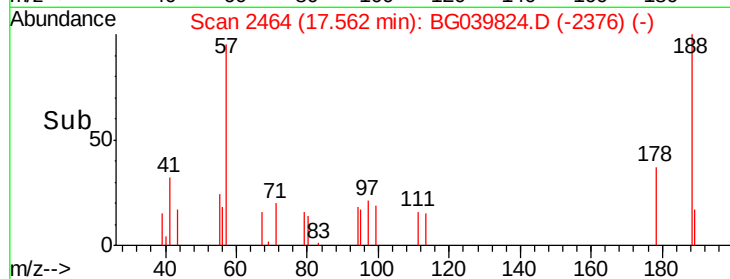
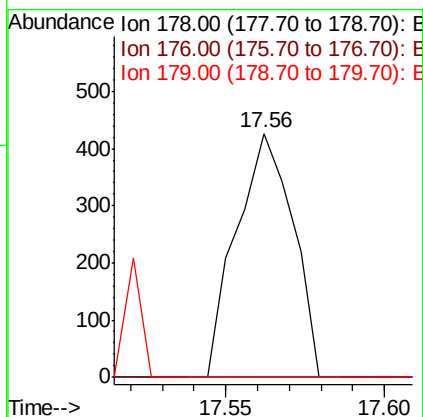
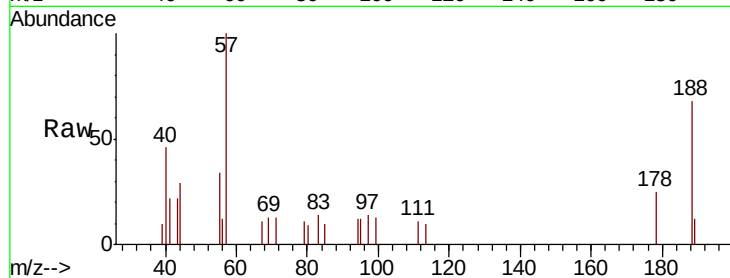




#71
Phenanthrene
Concen: 0.029 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

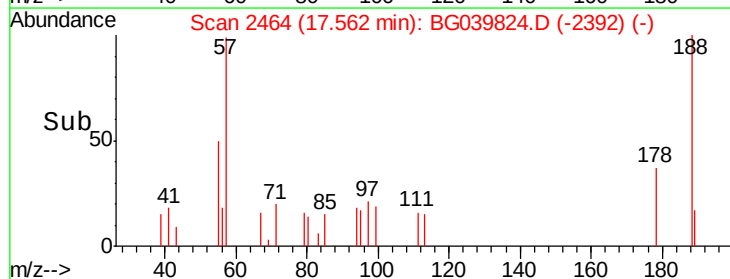
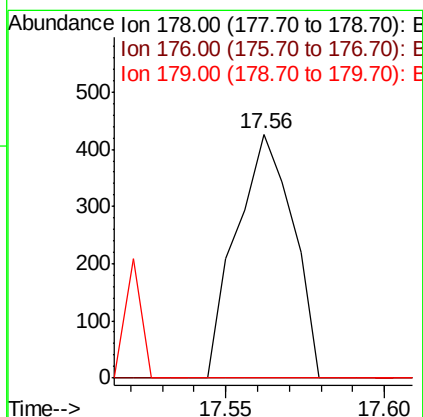
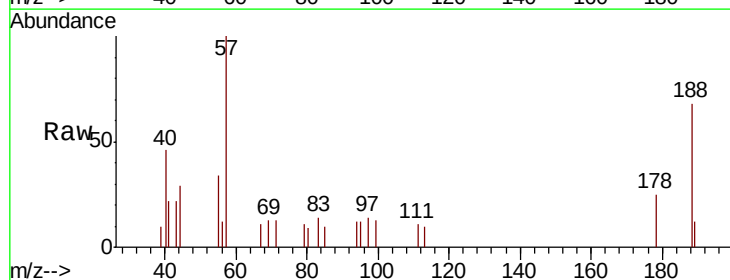
Instrument :
BNA_G
ClientSampleId :

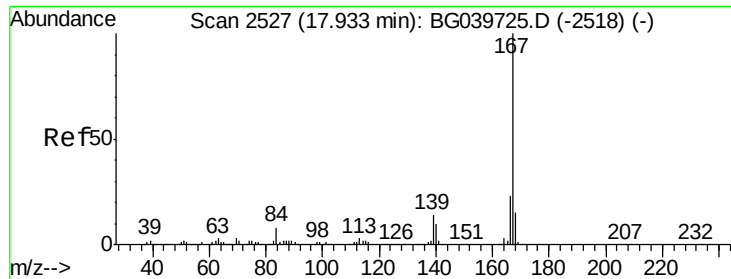
Tot Ion:178 Resp: 526
Ion Ratio Lower Upper
178 100
176 0.0 16.2 24.4#
179 0.0 12.6 19.0#



#72
Anthracene
Concen: 0.029 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.11 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Tgt Ion:178 Resp: 526
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 0.0 12.5 18.7#

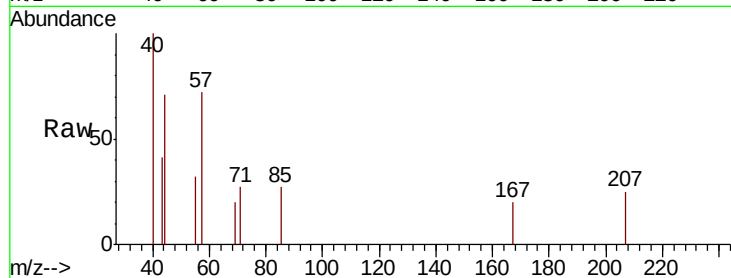




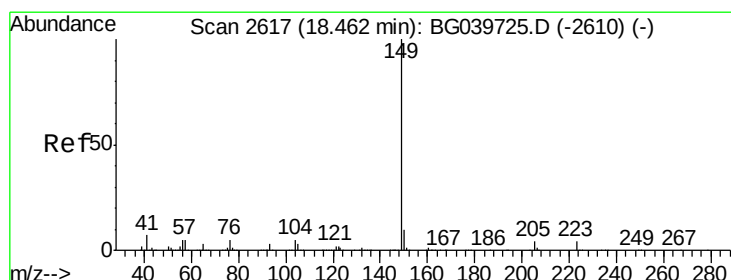
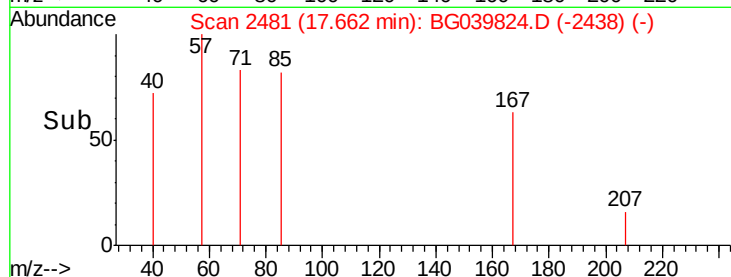
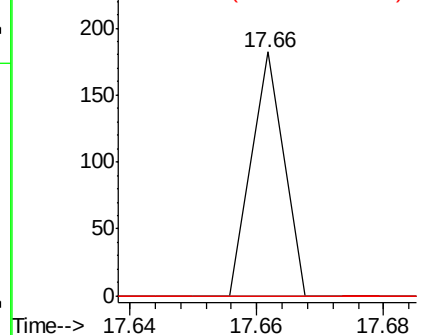
#73
 Carbazole
 Concen: 0.004 ng
 RT: 17.66 min Scan# 2481
 Delta R.T. -0.28 min
 Lab File: BG039824.D
 Acq: 8 Mar 2019 16:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 64
 Ion Ratio Lower Upper
 167 100
 166 0.0 19.4 29.2#
 139 0.0 10.8 16.2#

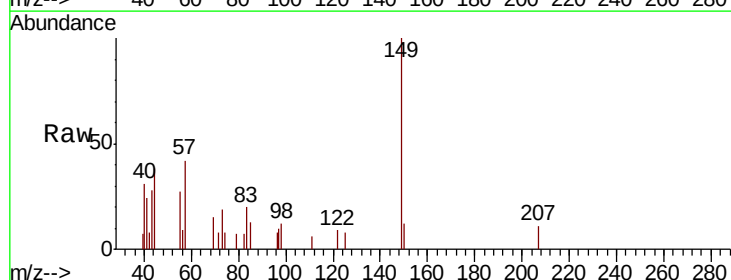


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

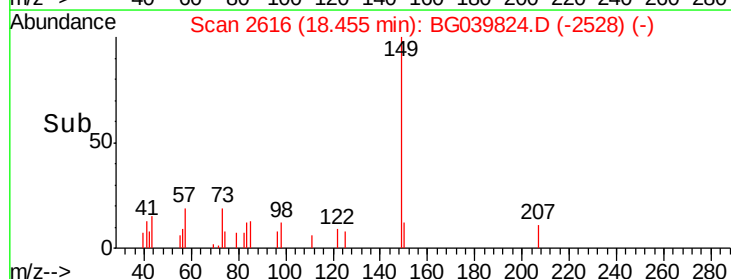
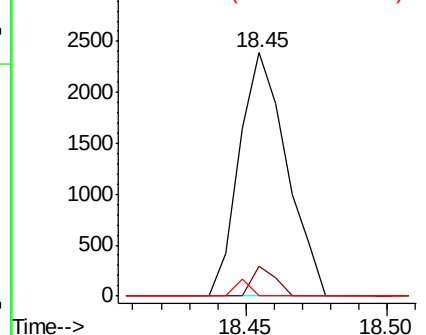


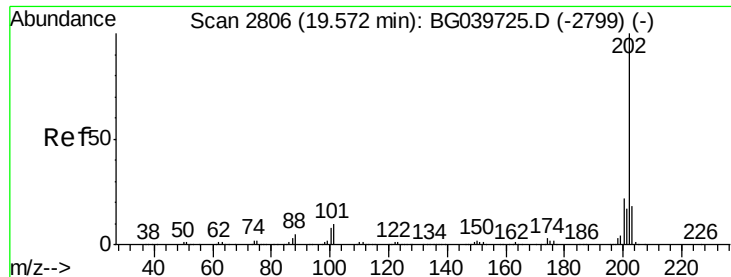
#74
 Di-n-butylphthalate
 Concen: 0.146 ng
 RT: 18.45 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039824.D
 Acq: 8 Mar 2019 16:57

Tgt Ion:149 Resp: 2777
 Ion Ratio Lower Upper
 149 100
 150 12.1 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





#75

Fluoranthene

Concen: 0.022 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampled :

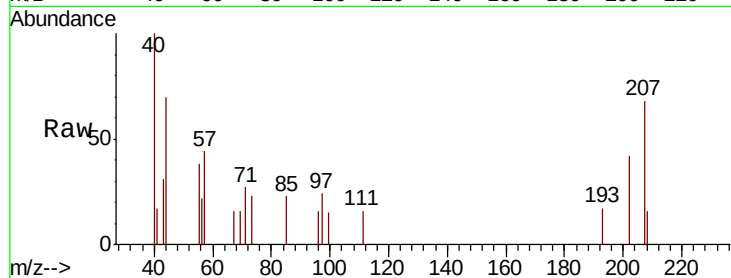
Tot Ion:202 Resp: 479

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

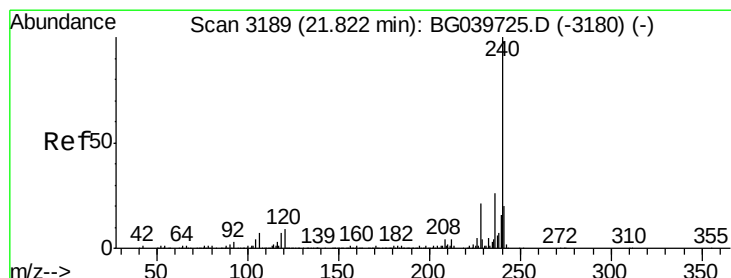
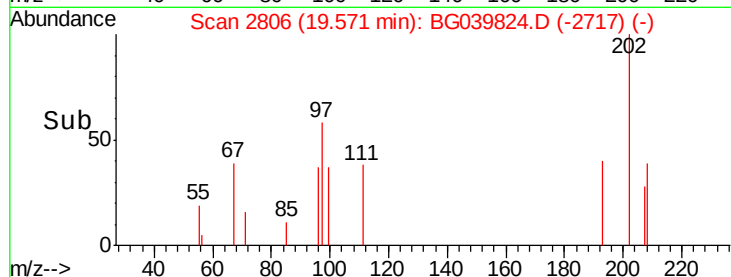
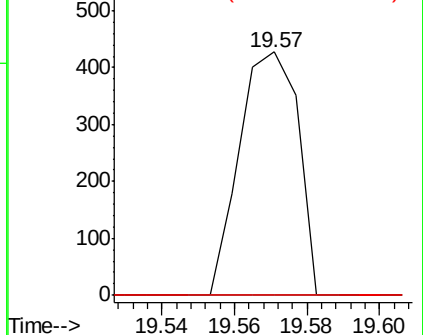
203 0.0 0.0 38.9



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: BG039824.D

Acq: 8 Mar 2019 16:57

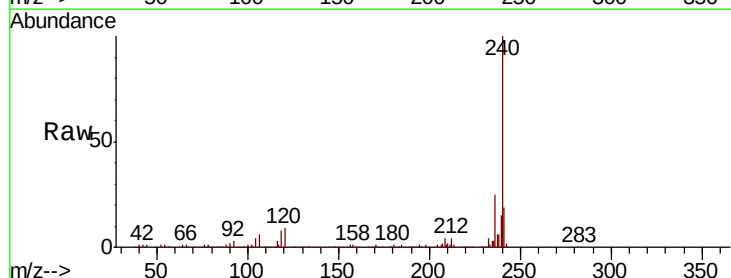
Tgt Ion:240 Resp: 349563

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

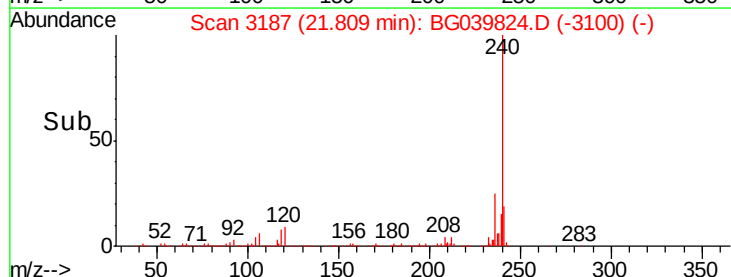
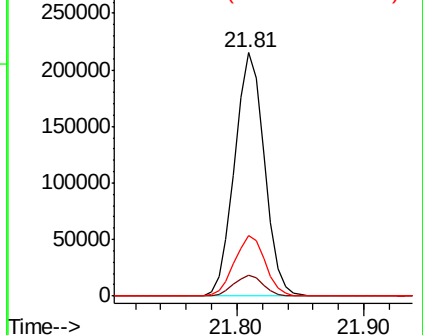
236 24.6 21.0 31.4

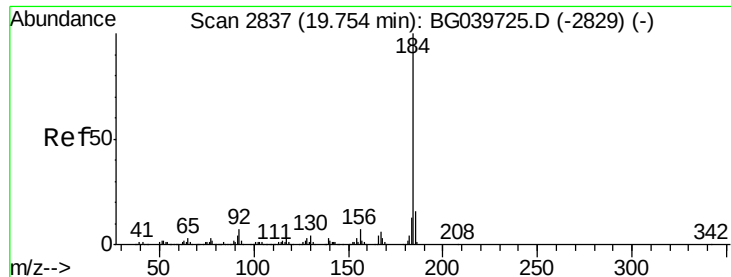


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.673 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.36 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampleId :

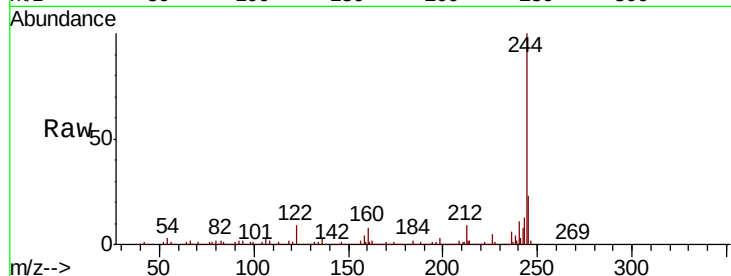
Tot Ion:184 Resp: 18557

Ion Ratio Lower Upper

184 100

185 17.9 12.2 18.2

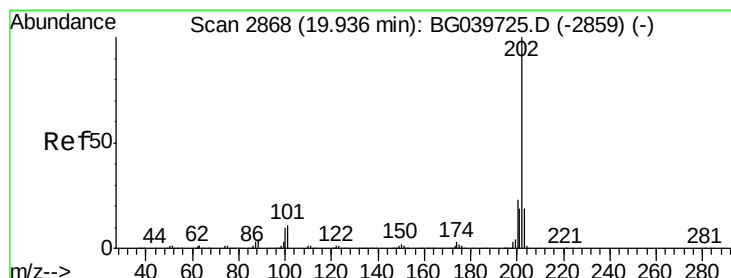
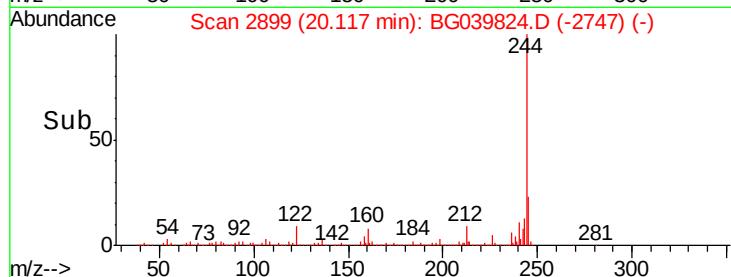
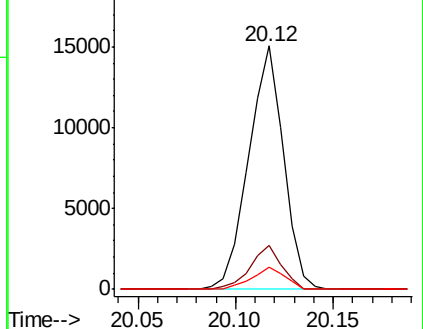
183 8.8 10.6 15.8#



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: 0.021 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

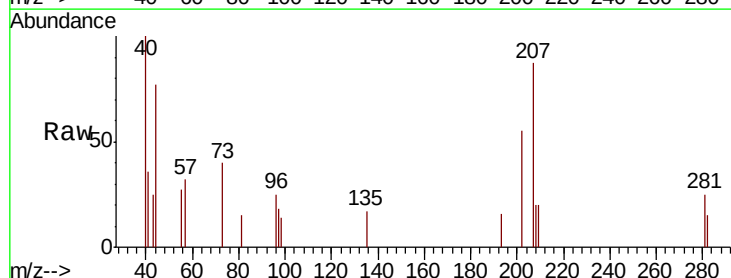
Tgt Ion:202 Resp: 472

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.8#

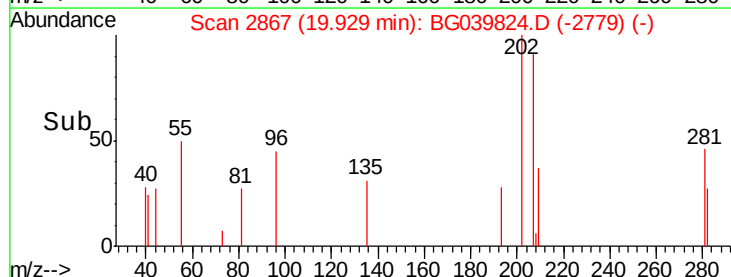
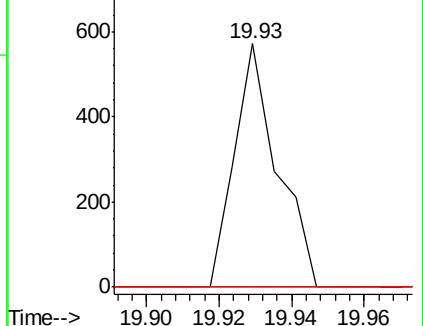
203 0.0 15.3 22.9#

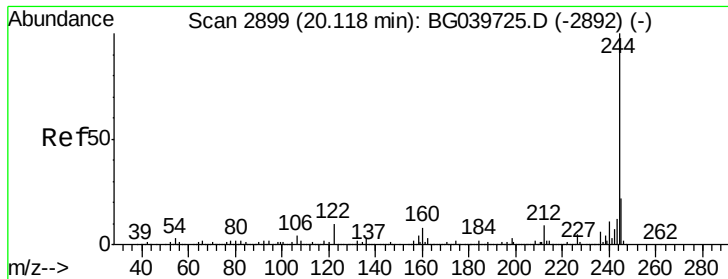


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.493 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

Instrument :

BNA_G

ClientSampleId :

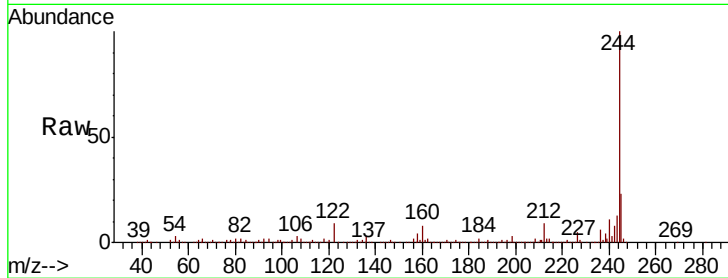
Tot Ion:244 Resp: 1103285

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

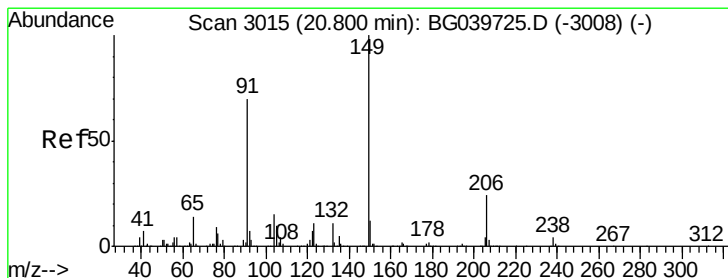
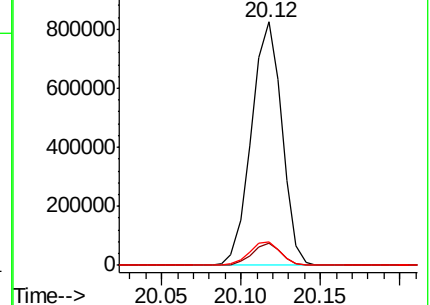
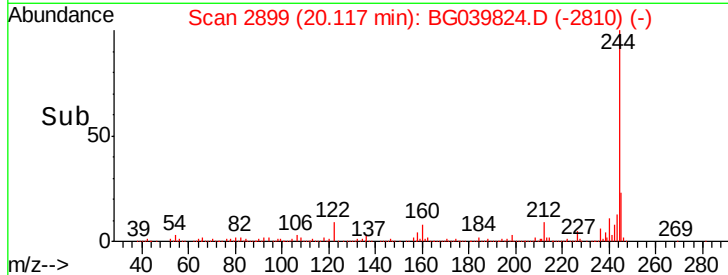
122 9.4 8.4 12.6



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: 0.009 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039824.D

Acq: 8 Mar 2019 16:57

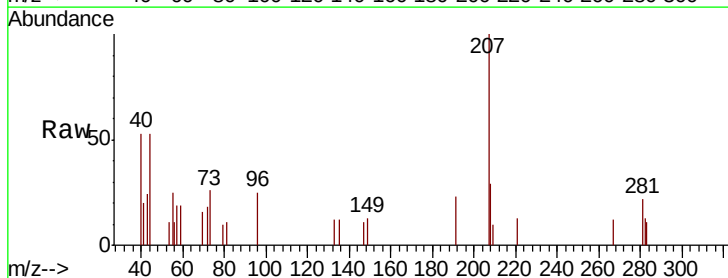
Tgt Ion:149 Resp: 77

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

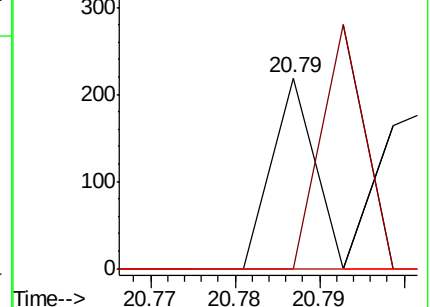
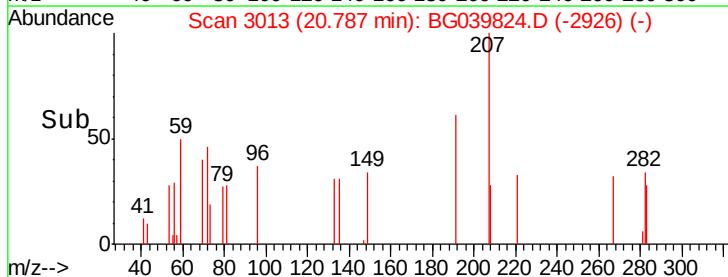
206 0.0 18.6 27.8#

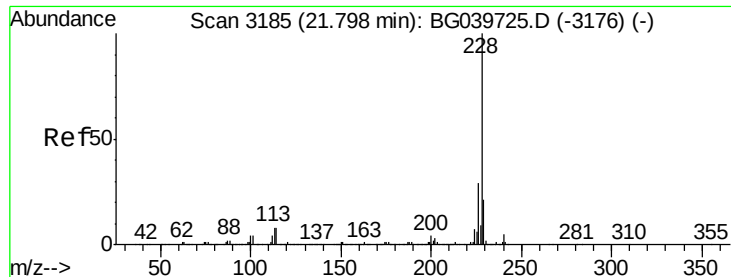


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

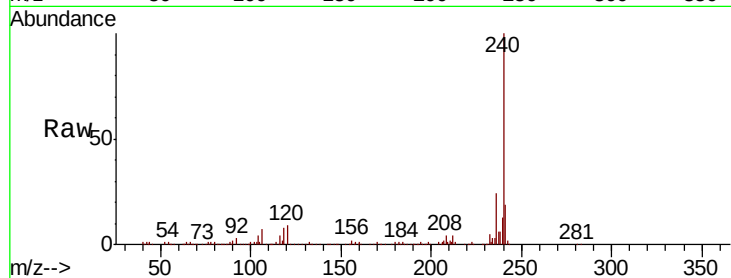




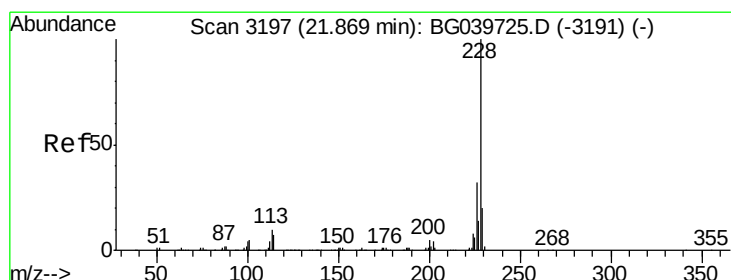
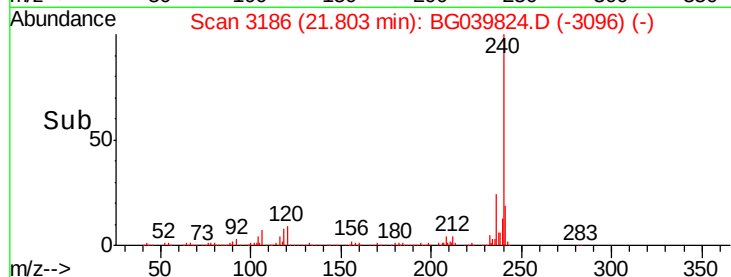
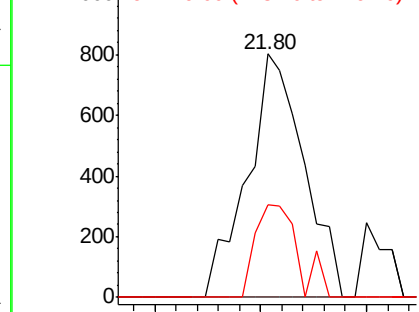
#81
Benzo(a)anthracene
Concen: 0.068 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 1494
Ion Ratio Lower Upper
228 100
226 0.0 23.0 34.6#
229 38.0 16.9 25.3#

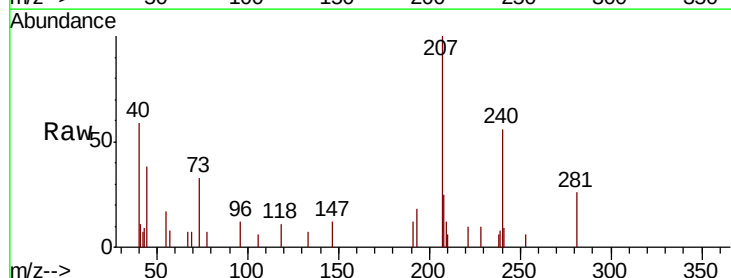


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

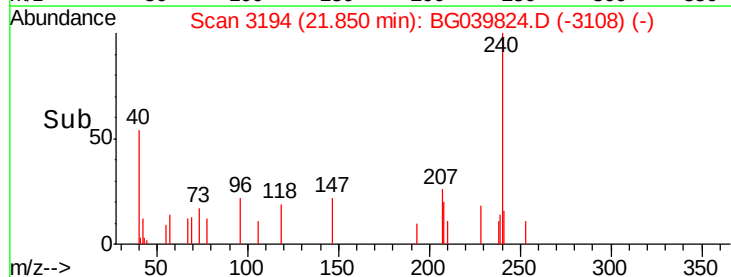
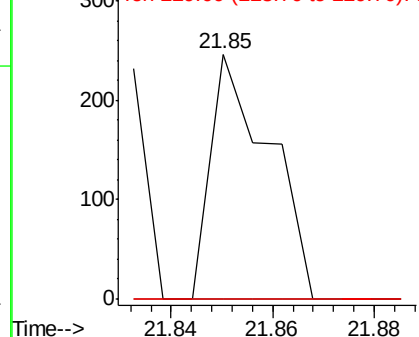


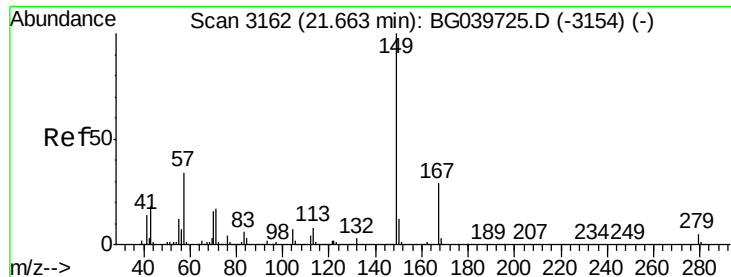
#83
Chrysene
Concen: 0.009 ng
RT: 21.85 min Scan# 3194
Delta R.T. -0.03 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Tgt Ion:228 Resp: 197
Ion Ratio Lower Upper
228 100
226 0.0 25.8 38.6#
229 0.0 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

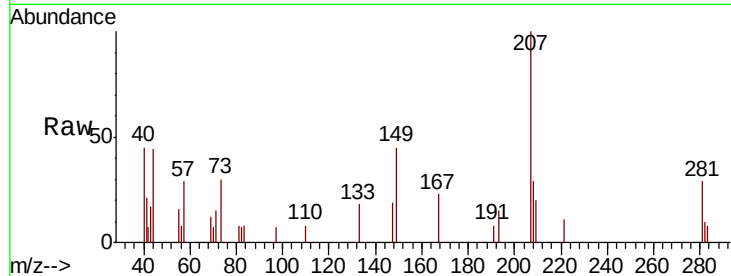




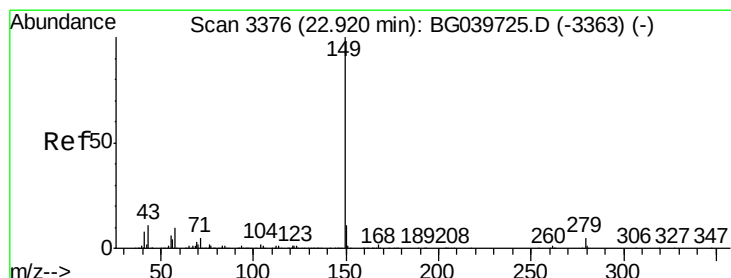
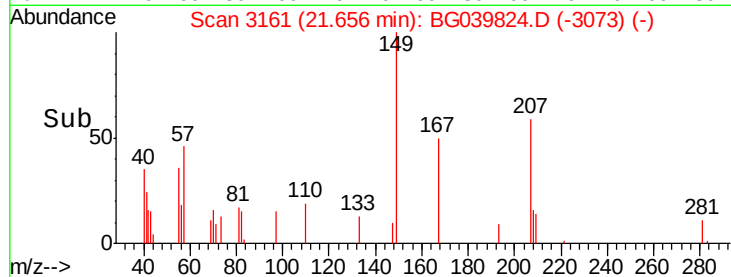
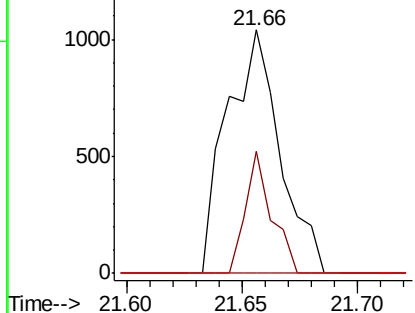
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.134 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG039824.D
 Acq: 8 Mar 2019 16:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:149 Resp: 1653
 Ion Ratio Lower Upper
 149 100
 167 49.9 22.6 34.0#
 279 0.0 3.5 5.3#

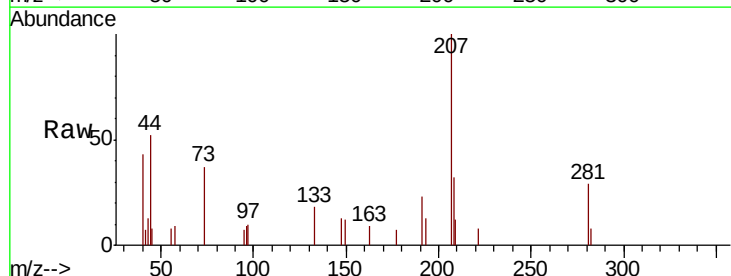


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

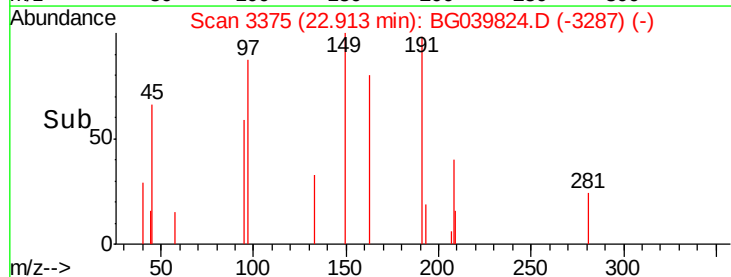
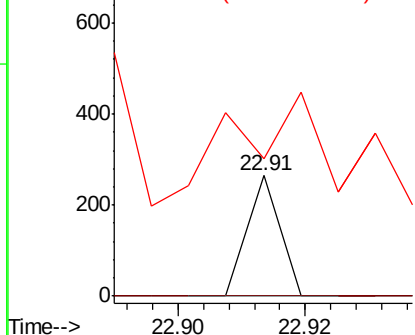


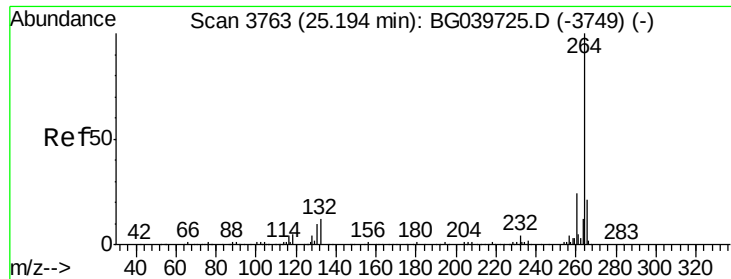
#85
 Di-n-octyl phthalate
 Concen: 0.005 ng
 RT: 22.91 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BG039824.D
 Acq: 8 Mar 2019 16:57

Tgt Ion:149 Resp: 93
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 296.8 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

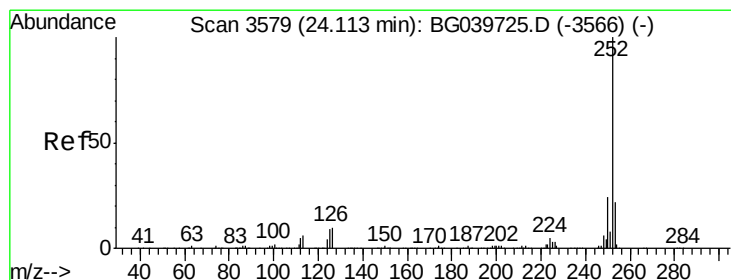
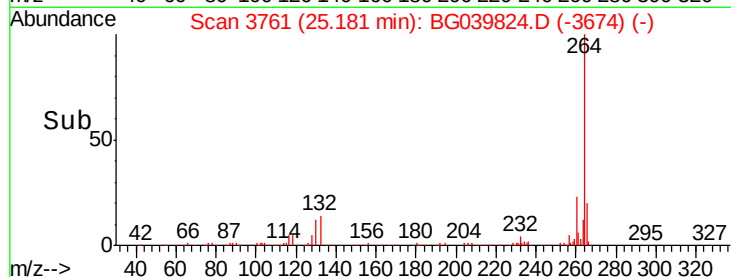
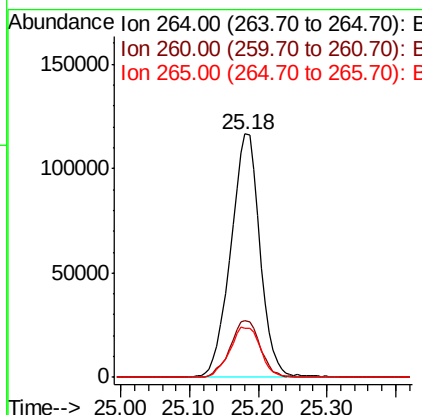
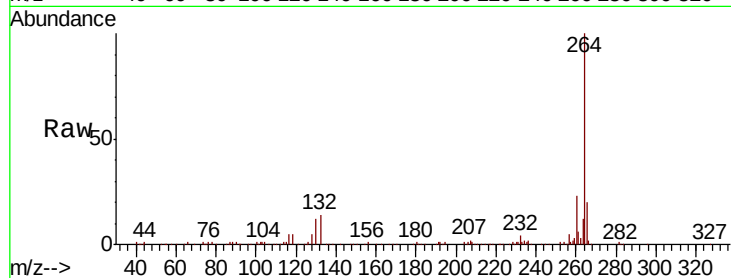




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

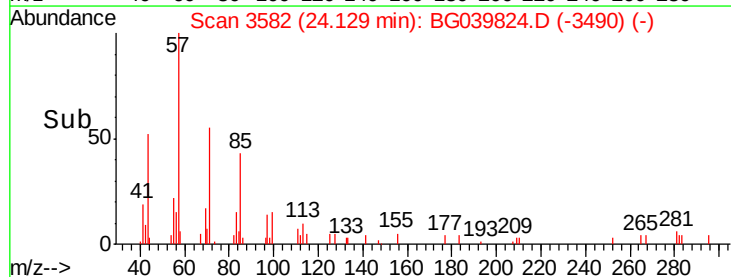
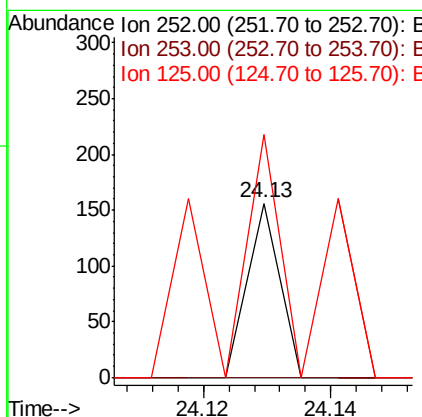
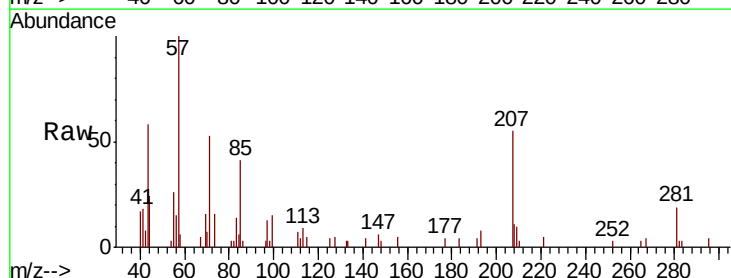
Instrument :
BNA_G
ClientSampleId :

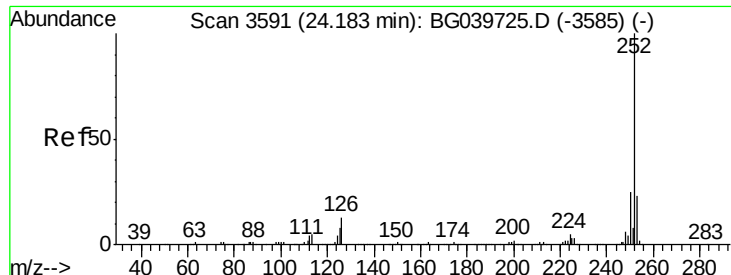
Tot Ion:264 Resp: 344333
Ion Ratio Lower Upper
264 100
260 23.1 18.2 27.4
265 19.9 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 24.13 min Scan# 3582
Delta R.T. 0.01 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Tgt Ion:252 Resp: 55
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 139.7 7.8 11.6#

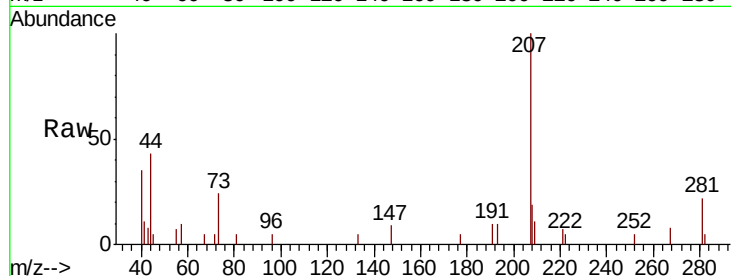




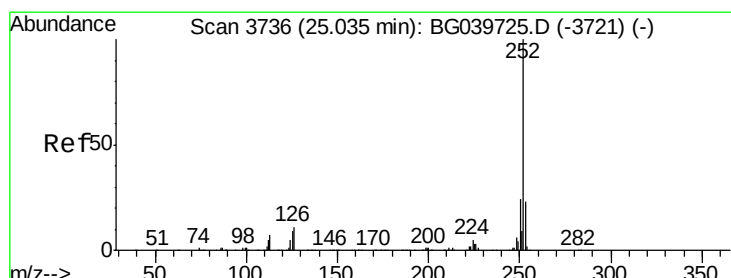
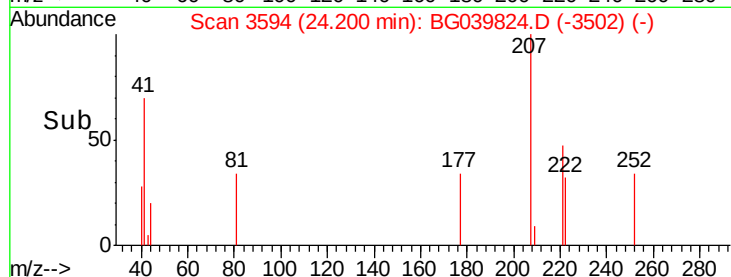
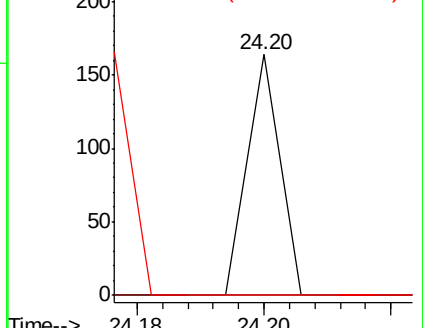
#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 24.20 min Scan# 3594
Delta R.T. 0.01 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 58
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 7.4 11.2#

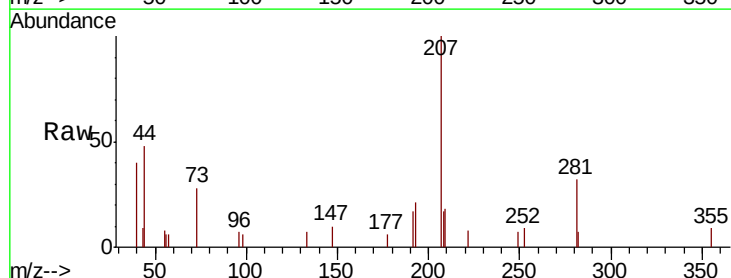


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 0.004 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.03 min
Lab File: BG039824.D
Acq: 8 Mar 2019 16:57

Tgt Ion:252 Resp: 81
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 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

