

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039823.D
 Acq On : 8 Mar 2019 16:18
 Operator : JU/SJ
 Sample : K1807-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:11:45 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	40329	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	179290	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	126714	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	312188	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	317752	20.00	ng	-0.02
87) Perylene-d12	25.18	264	316713	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	299001	126.48	ng	-0.01
7) Phenol-d6	7.30	99	445657	126.44	ng	-0.02
23) Nitrobenzene-d5	9.33	82	259514	78.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	177942	120.48	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	653585	73.44	ng	-0.02
79) Terphenyl-d14	20.11	244	990712	68.65	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	70	0.064	ng	# 1
4) n-Nitrosodimethylamine	3.89	42	55	0.040	ng	# 1
6) Aniline	7.33	93	209	0.045	ng	# 1
8) 2-Chlorophenol	7.68	128	58	0.020	ng	# 1
9) Benzaldehyde	7.30	77	695	0.306	ng	# 4
10) Phenol	7.33	94	6683	1.750	ng	98
11) bis(2-Chloroethyl)ether	7.67	93	121	0.041	ng	# 1
15) Benzyl Alcohol	8.47	79	3997	1.430	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	8.92	45	54	0.009	ng	75
19) n-Nitroso-di-n-propylamine	9.33	70	34390	13.555	ng	# 68
24) Nitrobenzene	9.32	77	982	0.282	ng	# 41
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	59	0.014	ng	# 26
46) 1,1'-Biphenyl	13.62	154	924	0.089	ng	85
47) 2-Chloronaphthalene	13.76	162	143	0.018	ng	# 39
48) 2-Nitroaniline	14.22	65	335	0.133	ng	# 1
50) Dimethylphthalate	14.22	163	48435	4.571	ng	# 95
51) 2,6-Dinitrotoluene	14.78	165	16116	7.175	ng	# 23
52) Acenaphthene	14.78	154	596	0.077	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	16116	5.106	ng	# 18
58) Fluorene	16.27	166	8272	0.828	ng	# 91
60) Diethylphthalate	15.58	149	621	0.059	ng	# 58
63) Azobenzene	16.20	77	57	0.006	ng	# 47
65) 4,6-Dinitro-2-methylphenol	16.27	198	616	0.334	ng	# 12
66) n-Nitrosodiphenylamine	16.27	169	7794	0.862	ng	# 50
67) 4-Bromophenyl-phenylether	16.27	248	14143	4.047	ng	# 1
71) Phenanthrene	17.56	178	541	0.031	ng	# 59
72) Anthracene	17.56	178	541	0.032	ng	# 60
74) Di-n-butylphthalate	18.46	149	2101	0.118	ng	# 95
75) Fluoranthene	19.57	202	830	0.041	ng	81
77) Benzidine	20.11	184	17494	1.735	ng	# 94
78) Pyrene	19.93	202	868	0.042	ng	# 58
80) Butylbenzylphthalate	20.81	149	130	0.016	ng	# 52
81) Benzo(a)anthracene	21.81	228	1084	0.054	ng	# 61
83) Chrysene	21.86	228	364	0.019	ng	# 22

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QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

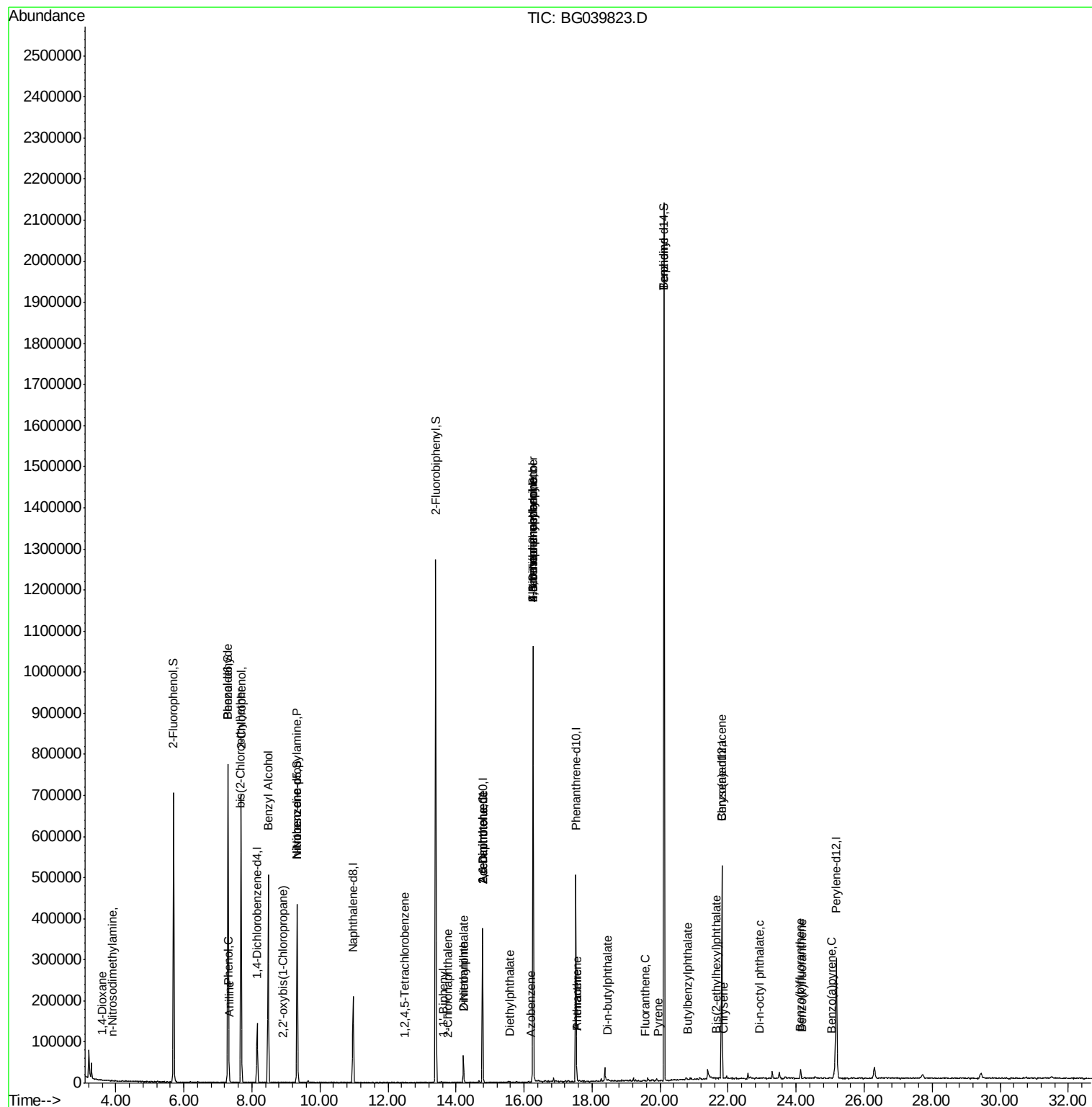
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.66	149	968	0.086	nq	# 88
85) Di-n-octyl phthalate	22.93	149	75	0.004	nq	# 1
88) Benzo(b)fluoranthene	24.10	252	394	0.021	nq	# 60
89) Benzo(k)fluoranthene	24.17	252	83	0.005	nq	# 59
90) Benzo(a)pyrene	25.02	252	462	0.026	nq	# 59

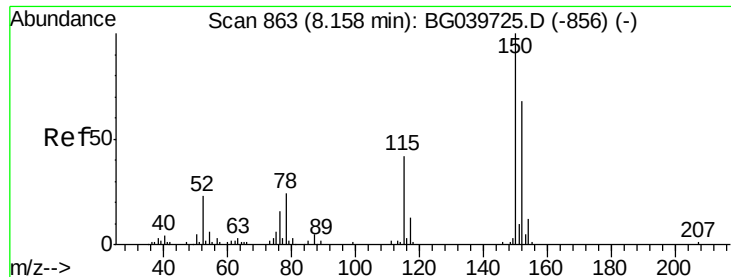
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampled :

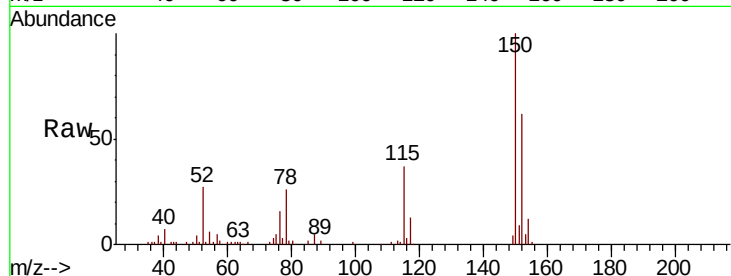
Tot Ion:152 Resp: 40329

Ion Ratio Lower Upper

152 100

150 162.5 123.7 185.5

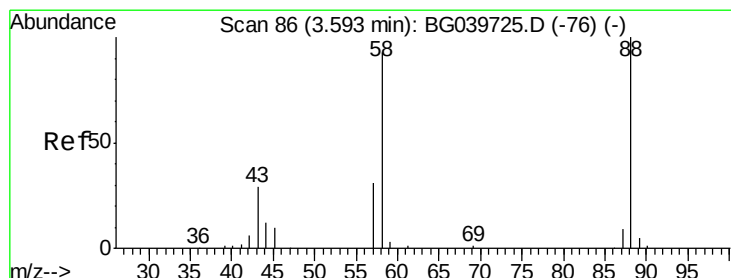
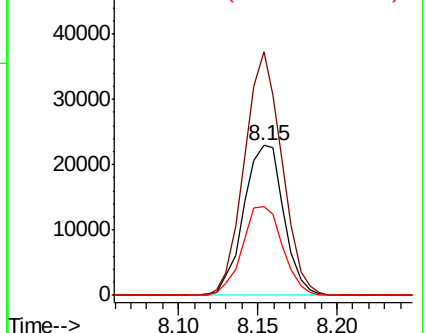
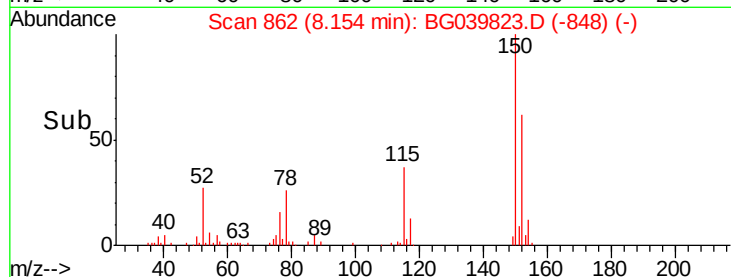
115 59.5 45.9 68.9



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: 0.064 ng

RT: 3.60 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

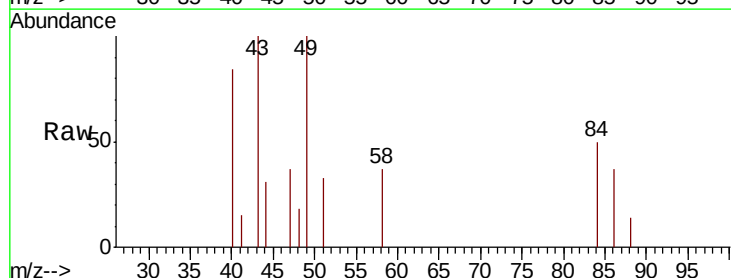
Tgt Ion: 88 Resp: 70

Ion Ratio Lower Upper

88 100

58 0.0 81.1 121.7#

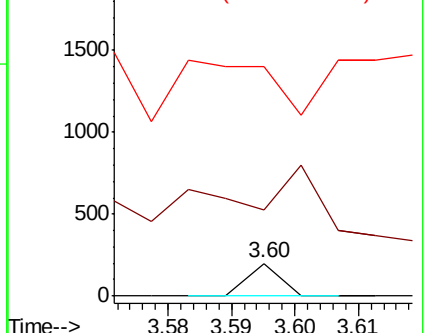
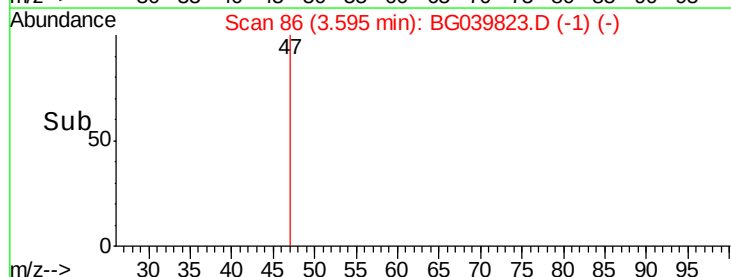
43 548.6 31.4 47.0#

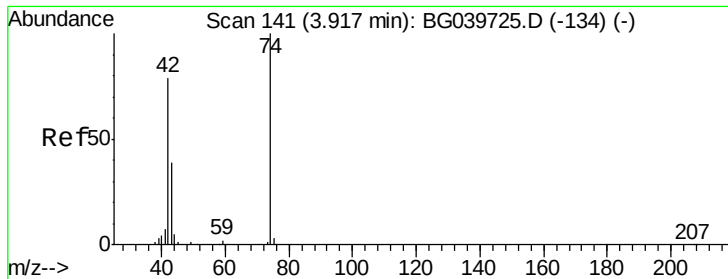


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



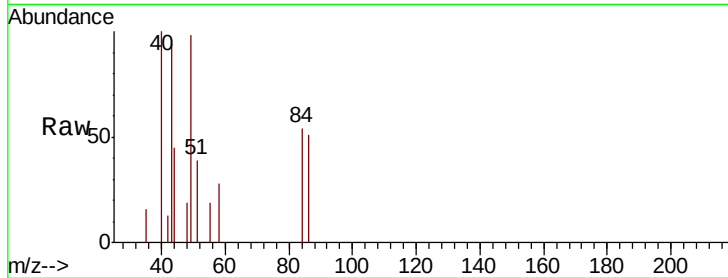


#4

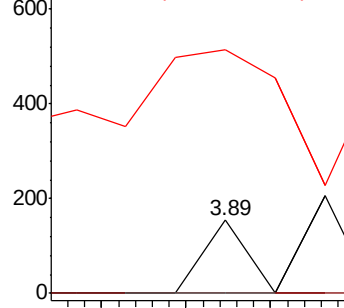
n-Nitrosodimethylamine
 Concen: 0.040 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.03 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

Instrument :
 BNA_G
 ClientSampleId :

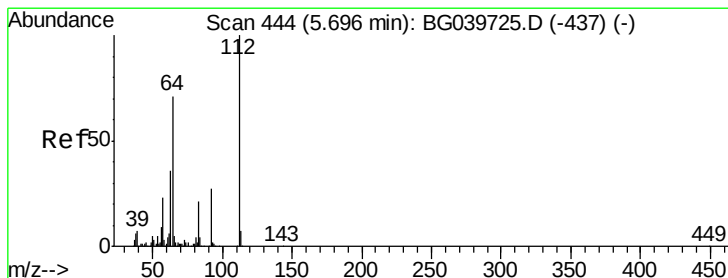
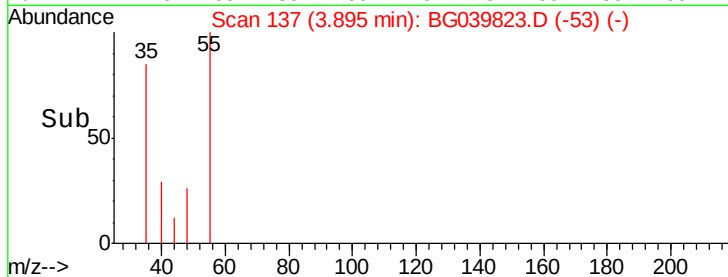
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.6	125.4#
44	331.6	6.9	10.3#



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



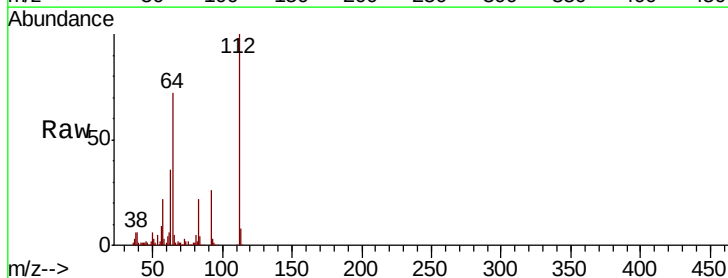
Time-->



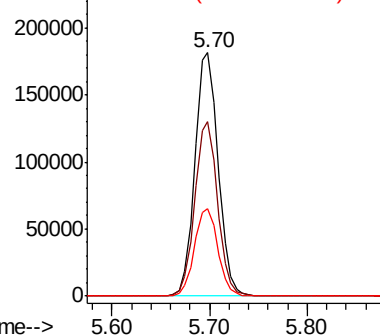
#5

2-Fluorophenol
 Concen: 126.484 ng
 RT: 5.70 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

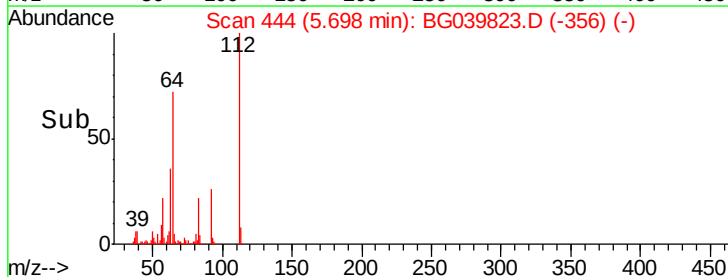
Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.8	86.8
63	36.1	29.8	44.6

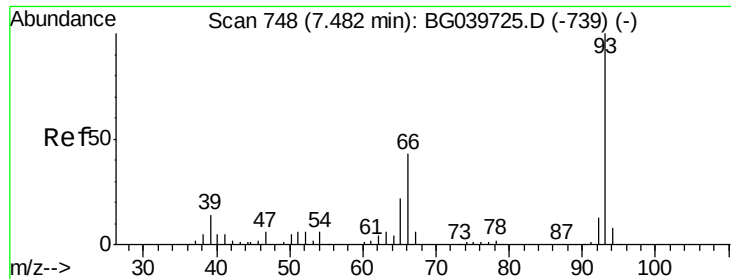


Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC



Time-->





#6

Aniline

Concen: 0.045 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.16 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampleId :

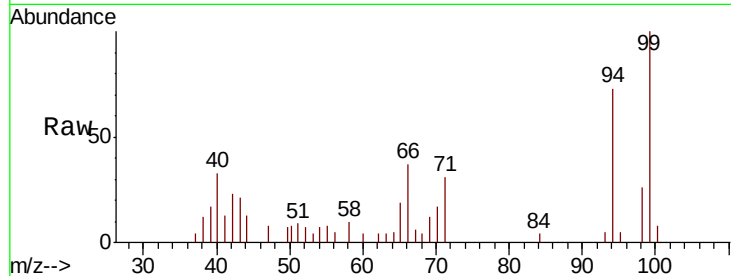
Tot Ion: 93 Resp: 209

Ion Ratio Lower Upper

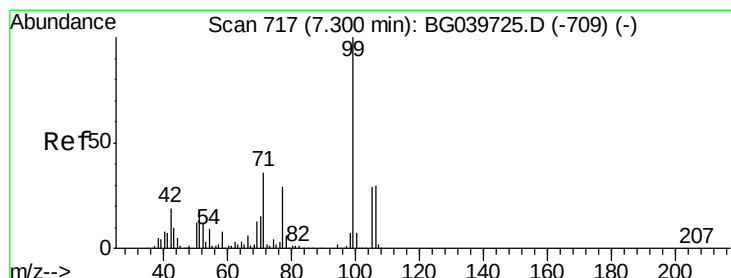
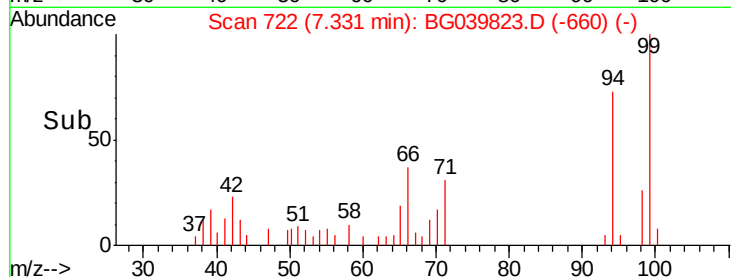
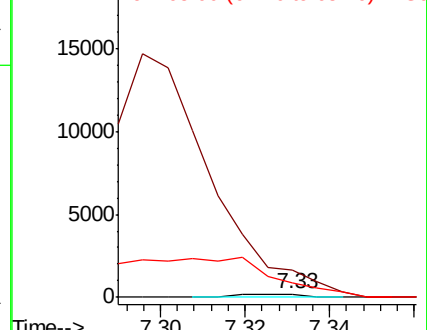
93 100

66 793.3 34.2 51.4#

65 418.6 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: 126.436 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

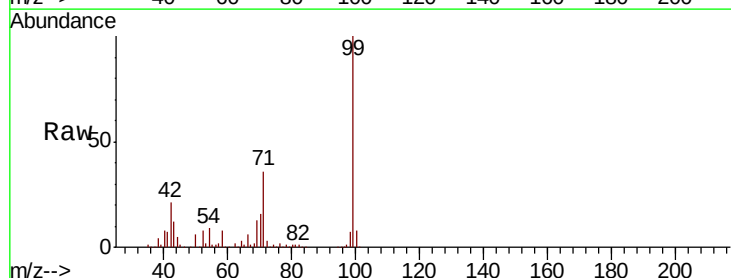
Tgt Ion: 99 Resp: 445657

Ion Ratio Lower Upper

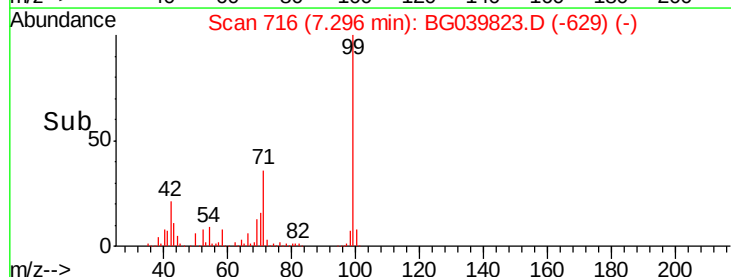
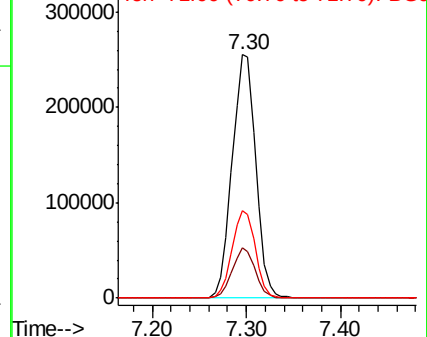
99 100

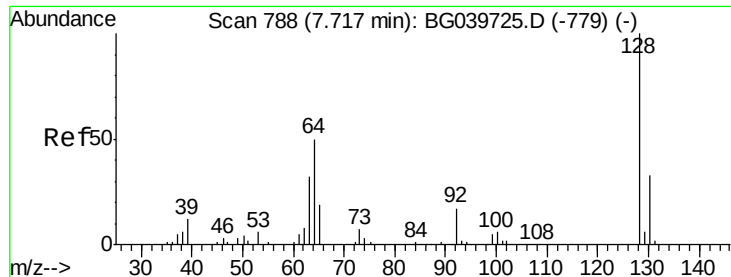
42 20.7 18.2 27.2

71 35.8 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: 7.68 min Scan# 782

Delta R.T. -0.04 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampled :

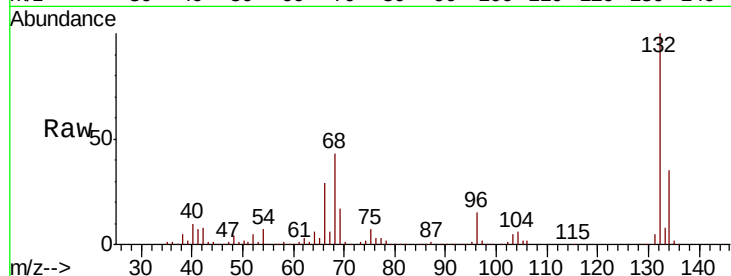
Tot Ion:128 Resp: 58

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

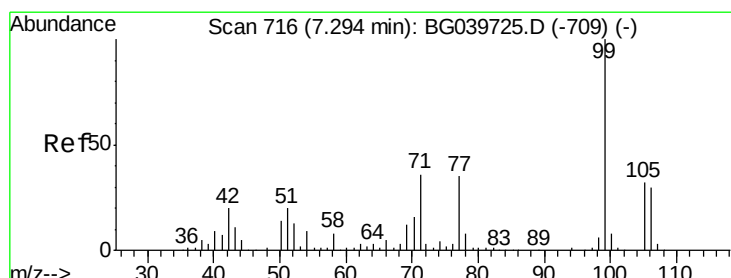
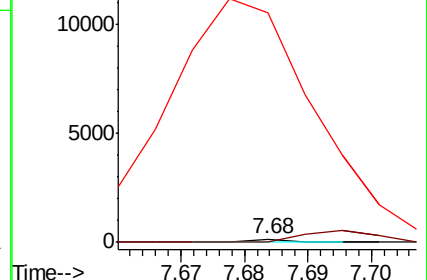
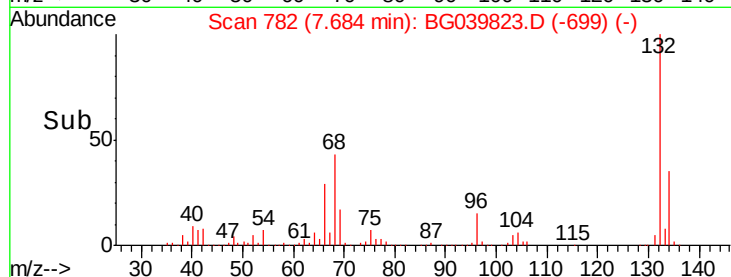
64 6418.9 38.7 78.7#



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: 0.306 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

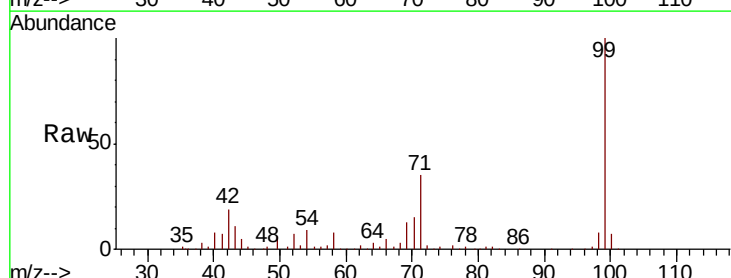
Tgt Ion: 77 Resp: 695

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

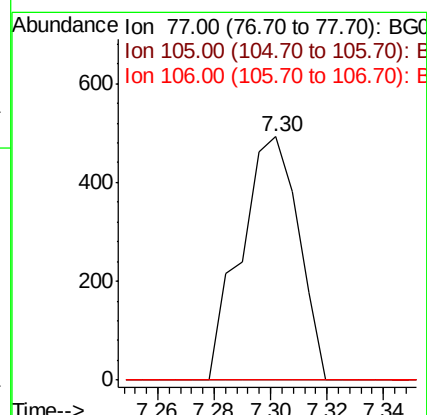
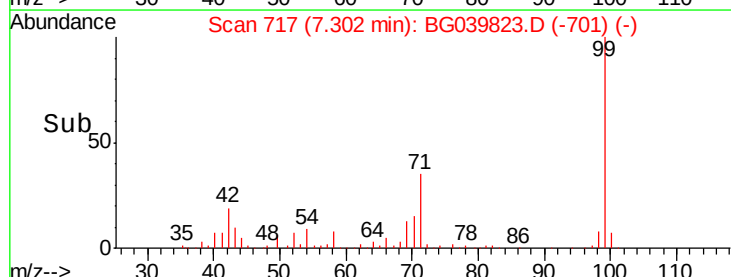
106 0.0 68.0 108.0#

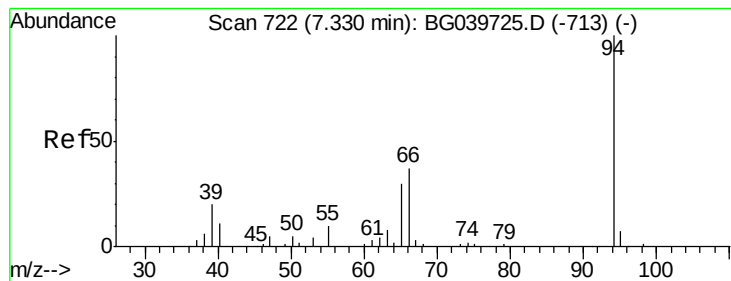


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.750 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampleId :

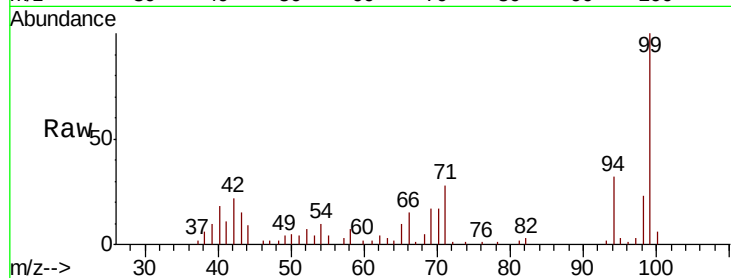
Tot Ion: 94 Resp: 6683

Ion Ratio Lower Upper

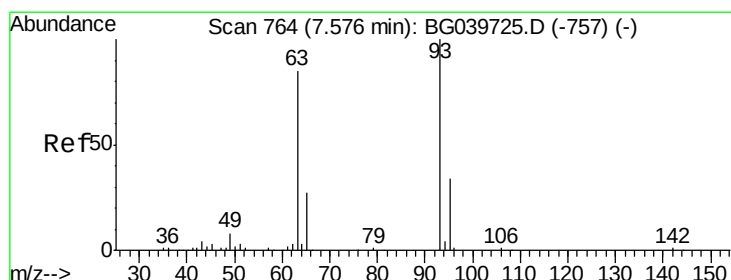
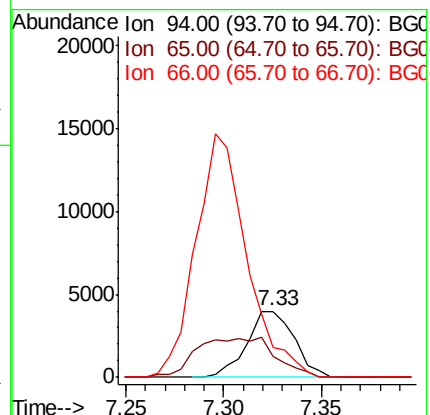
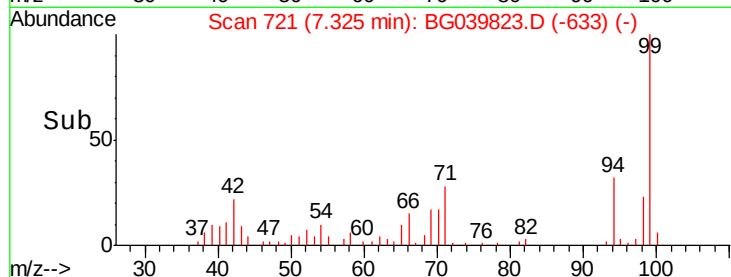
94 100

65 31.7 11.7 51.7

66 45.7 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: 0.041 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.08 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

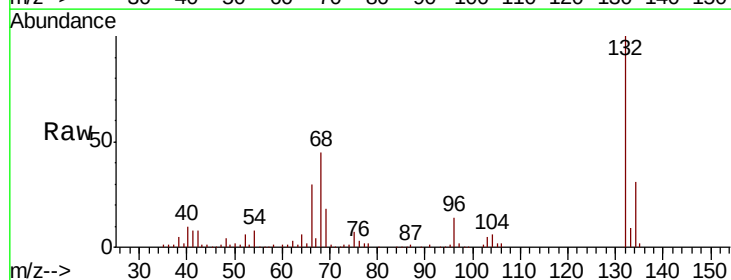
Tgt Ion: 93 Resp: 121

Ion Ratio Lower Upper

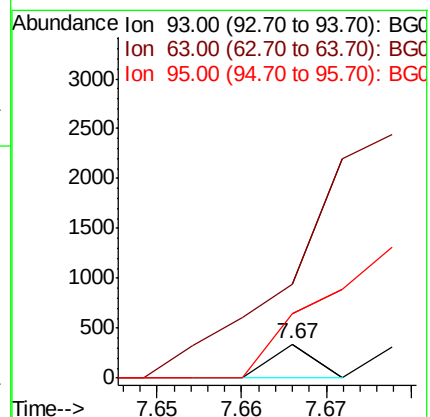
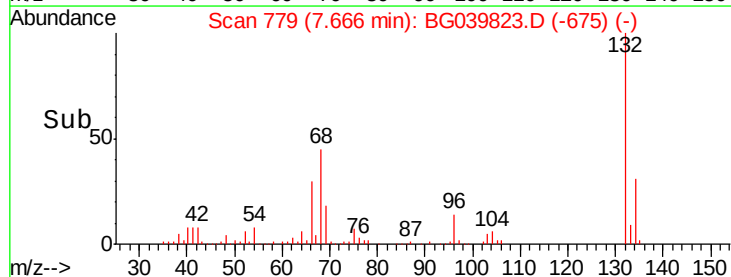
93 100

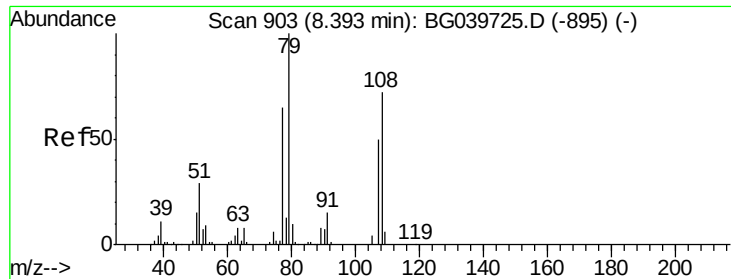
63 276.3 69.5 109.5#

95 189.8 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: 1.430 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.07 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampleId :

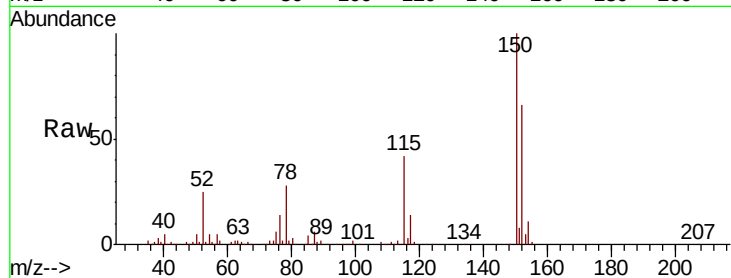
Tot Ion: 79 Resp: 3997

Ion Ratio Lower Upper

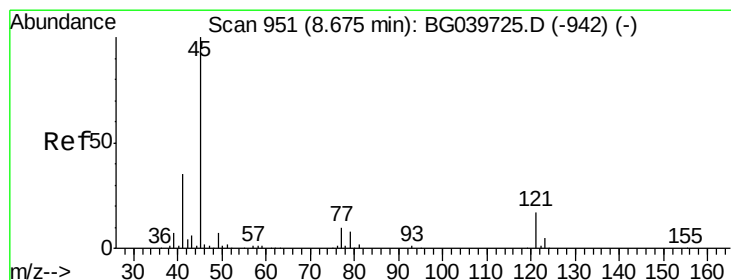
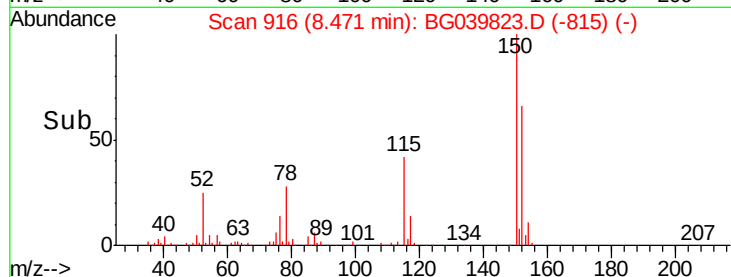
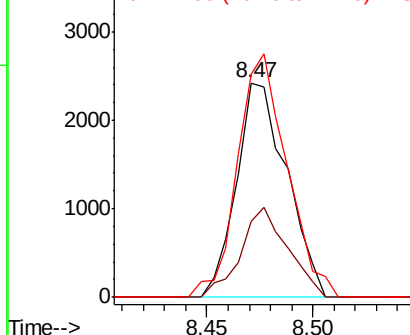
79 100

108 35.3 57.8 86.6#

77 104.2 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.009 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.24 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

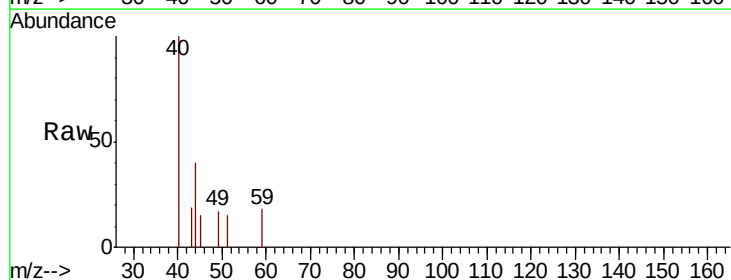
Tgt Ion: 45 Resp: 54

Ion Ratio Lower Upper

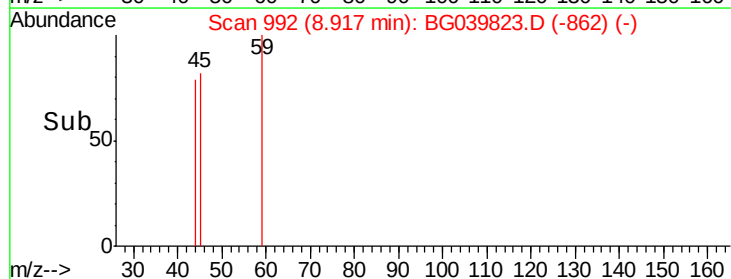
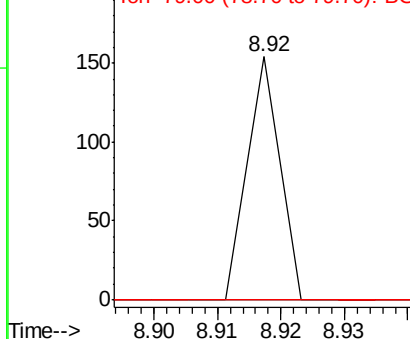
45 100

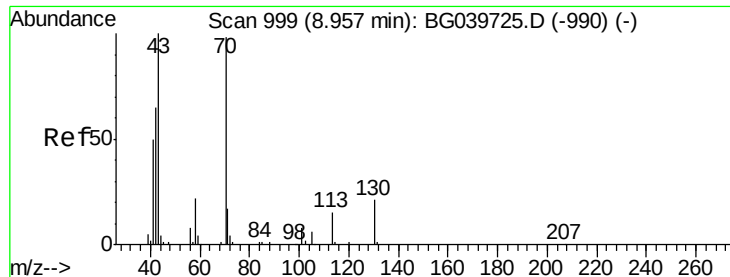
77 0.0 0.0 30.0

79 0.0 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

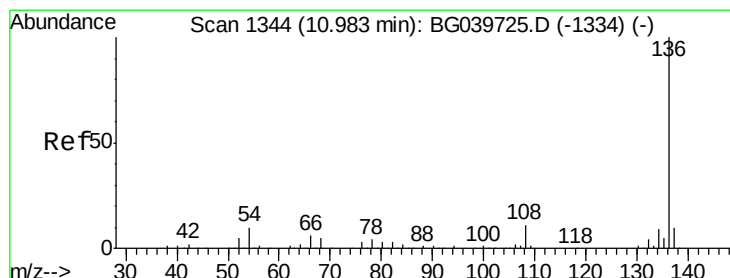
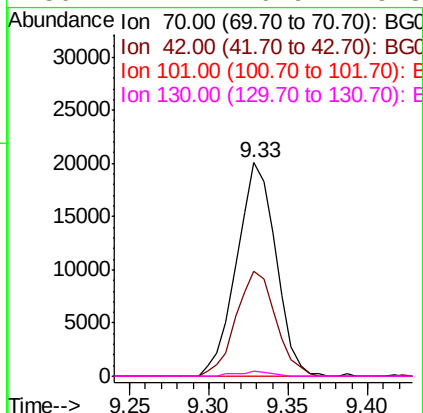
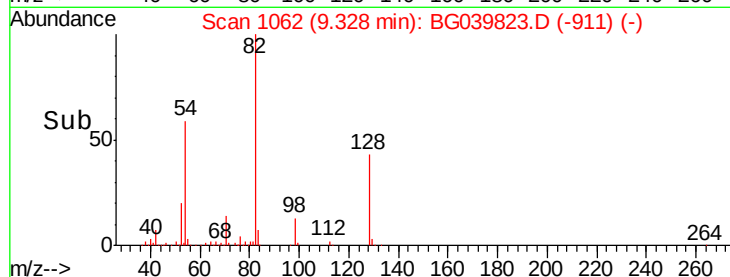
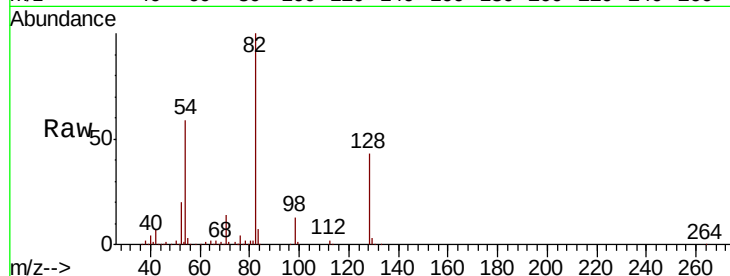




#19
n-Nitroso-di-n-propylamine
Concen: 13.555 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

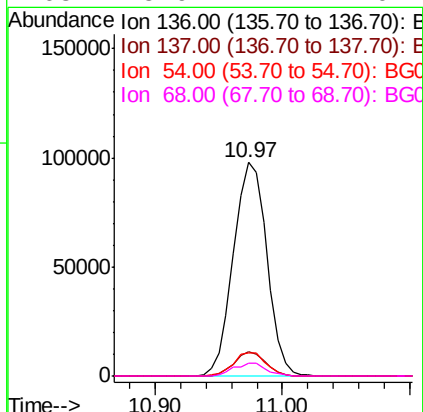
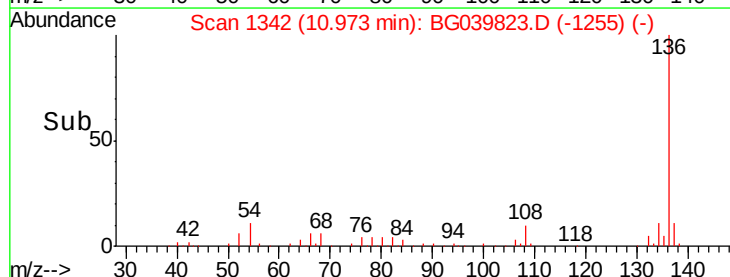
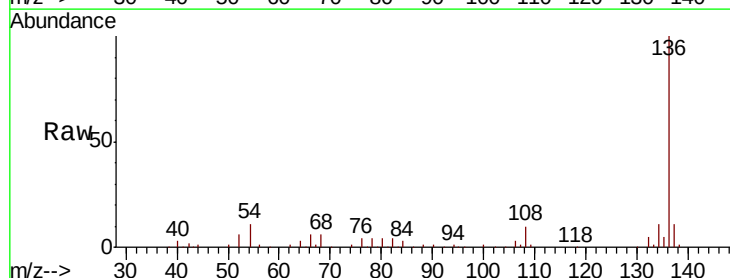
Instrument :
BNA_G
ClientSampleId :

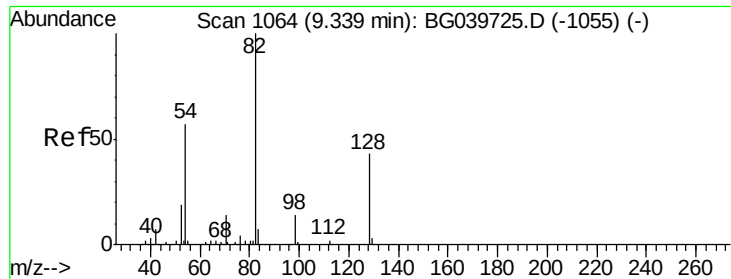
Tot Ion: 70 Resp: 34390
Ion Ratio Lower Upper
70 100
42 48.9 60.4 90.6#
101 0.0 7.5 11.3#
130 2.4 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Tgt Ion:136 Resp: 179290
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 10.8 9.4 14.2
68 5.9 4.2 6.4

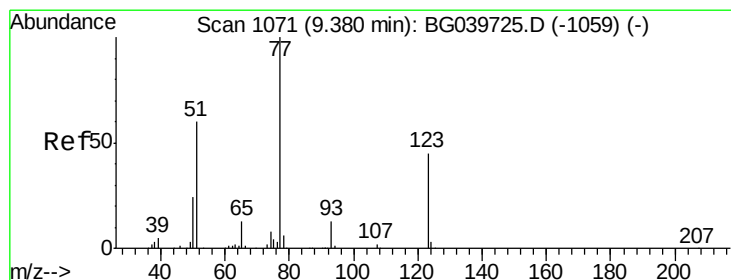
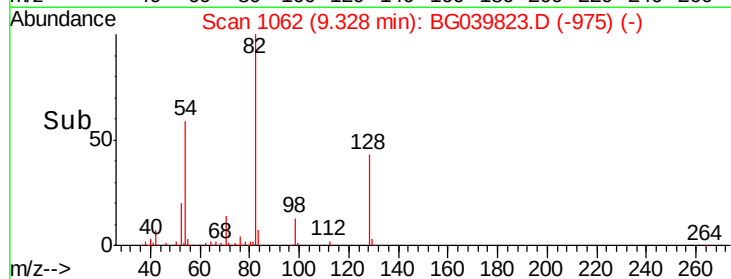
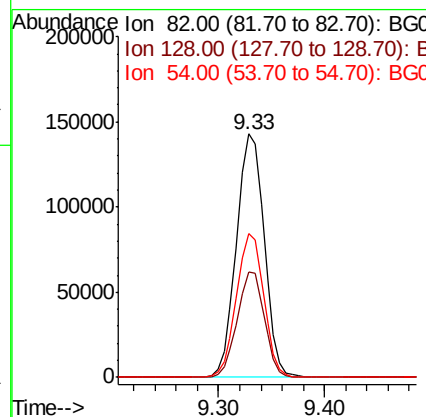
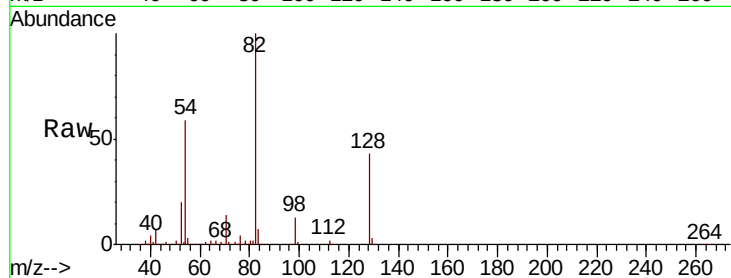




#23
 Nitrobenzene-d5
 Concen: 78.284 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

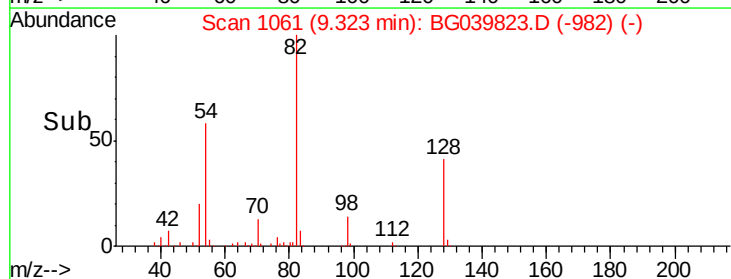
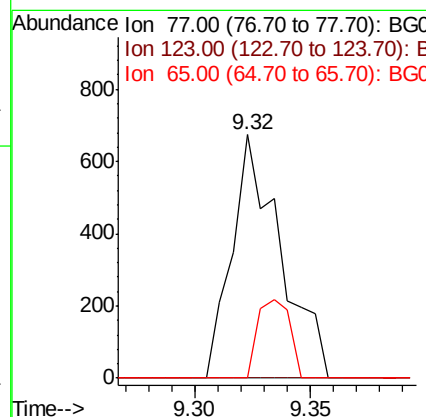
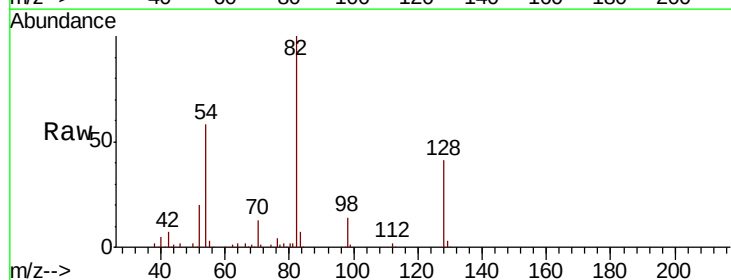
Instrument :
 BNA_G
 ClientSampleId :

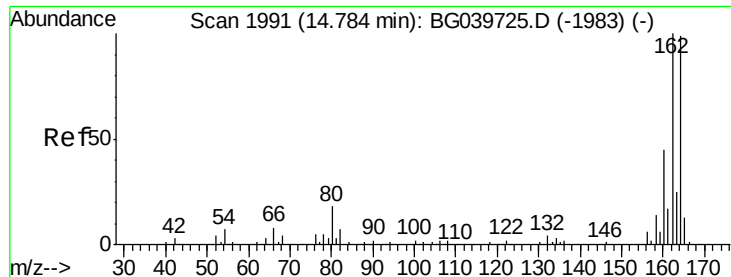
Tot Ion	82	Resp	259514
Ion Ratio	100	Lower	Upper
128	43.2	31.3	46.9
54	58.9	50.9	76.3



#24
 Nitrobenzene
 Concen: 0.282 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.06 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

Tgt Ion	77	Resp	982
Ion Ratio	100	Lower	Upper
123	0.0	34.1	51.1#
65	0.0	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: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampleId :

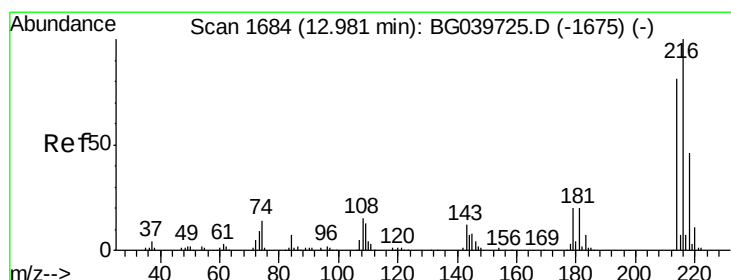
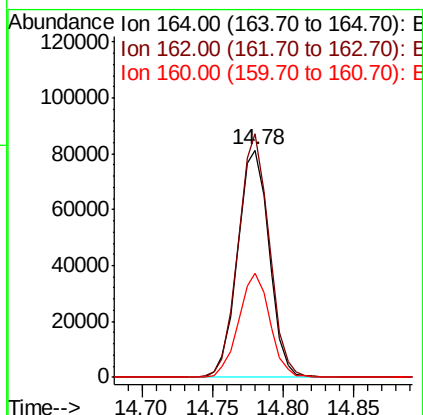
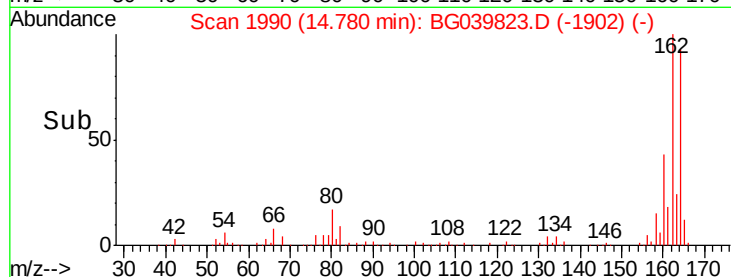
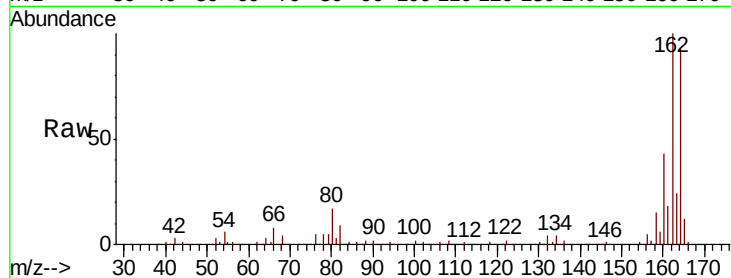
Tot Ion:164 Resp: 126714

Ion Ratio Lower Upper

164 100

162 107.0 81.6 122.4

160 45.9 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.014 ng

RT: 12.50 min Scan# 1602

Delta R.T. -0.49 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Tgt Ion:216 Resp: 59

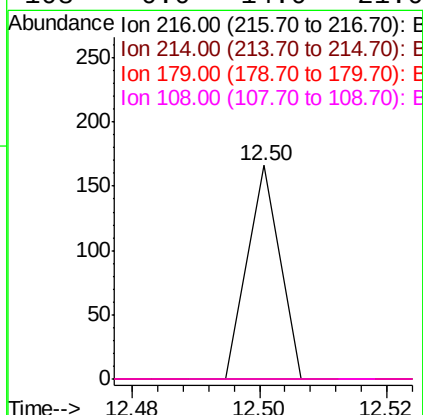
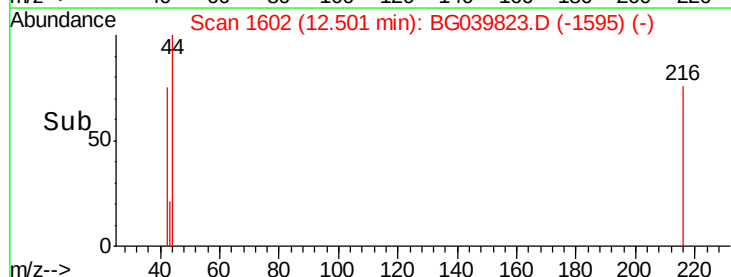
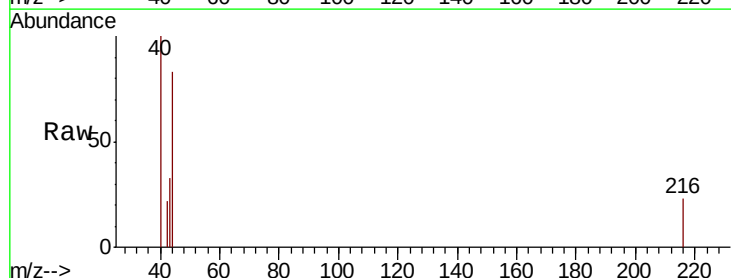
Ion Ratio Lower Upper

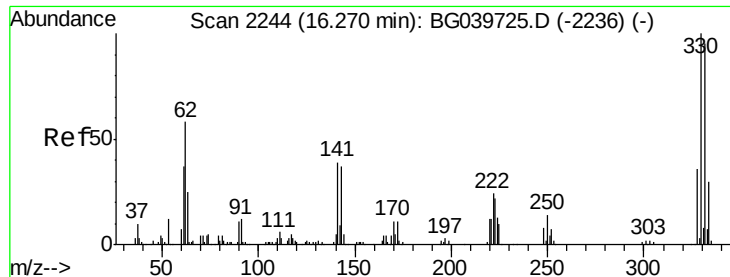
216 100

214 0.0 62.6 94.0#

179 0.0 16.6 25.0#

108 0.0 14.0 21.0#

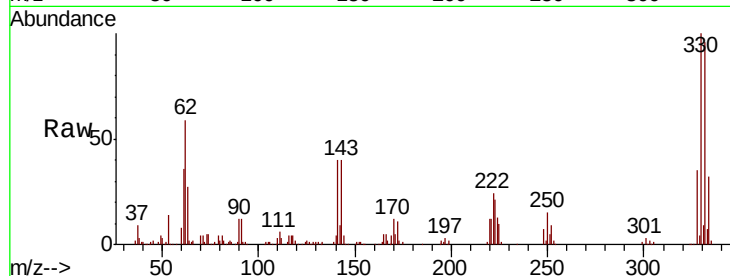




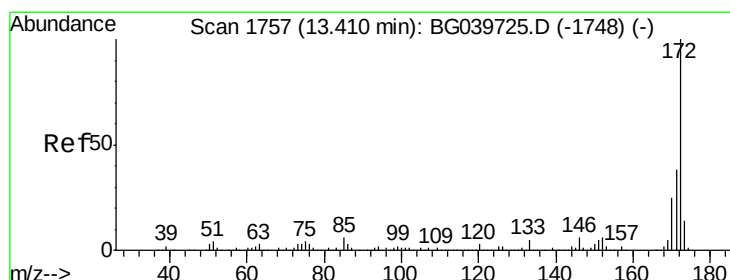
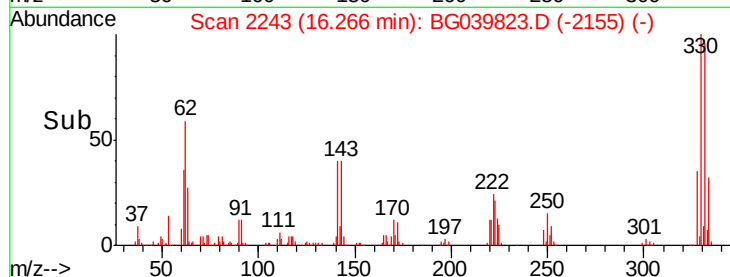
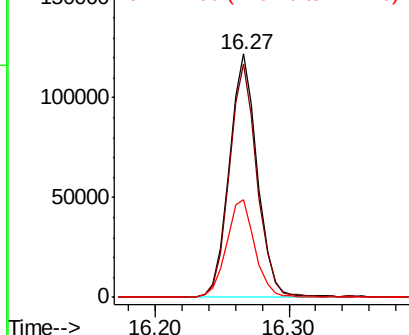
#42
 2,4,6-Tribromophenol
 Concen: 120.480 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 177942
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 41.1 35.6 53.4

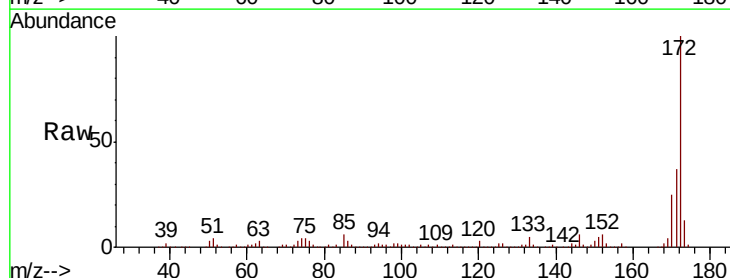


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

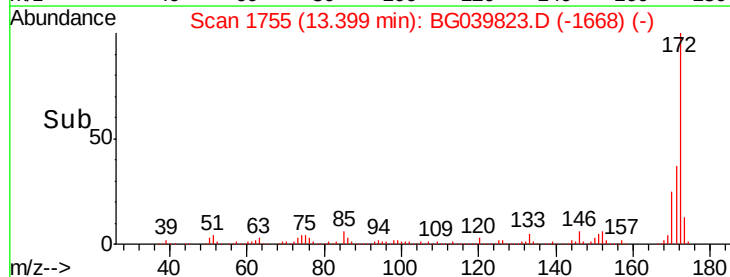
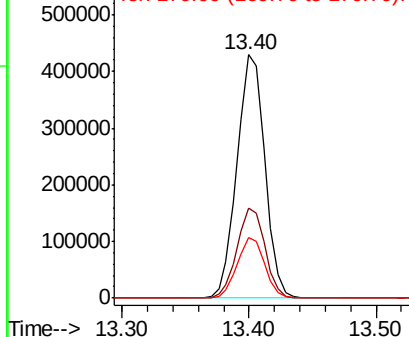


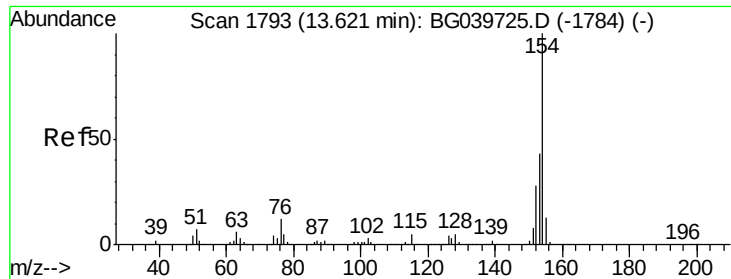
#45
 2-Fluorobiphenyl
 Concen: 73.440 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

Tgt Ion:172 Resp: 653585
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.8 46.2
 170 24.9 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

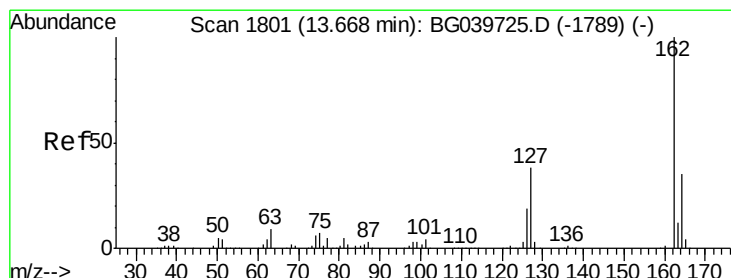
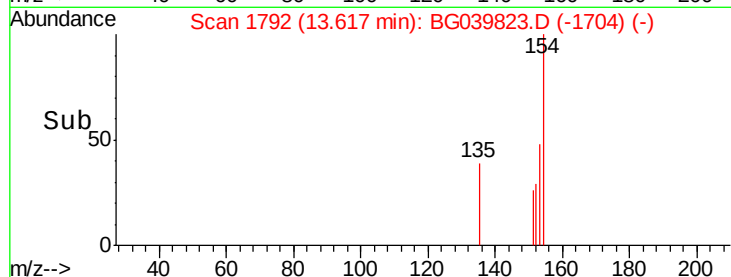
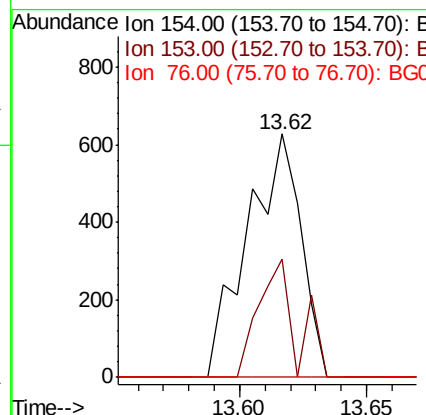
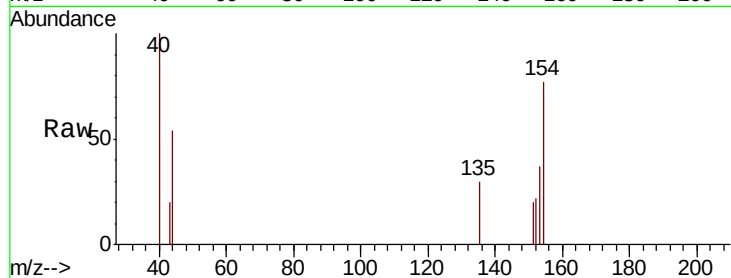




#46
 1,1'-Biphenyl
 Concen: 0.089 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

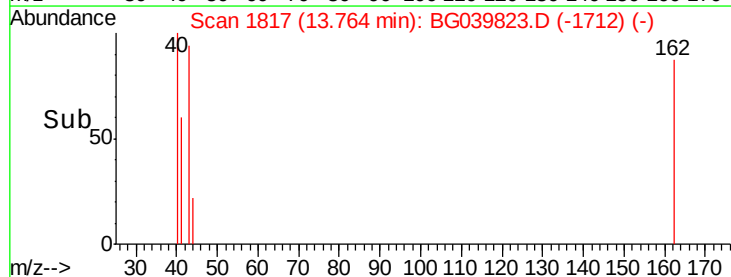
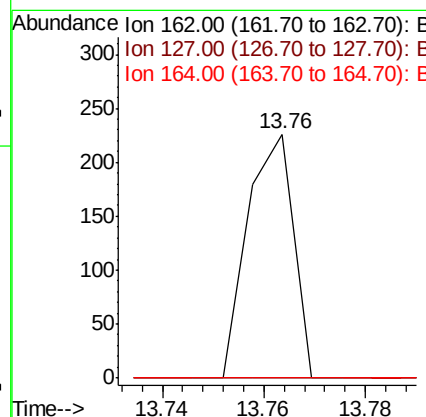
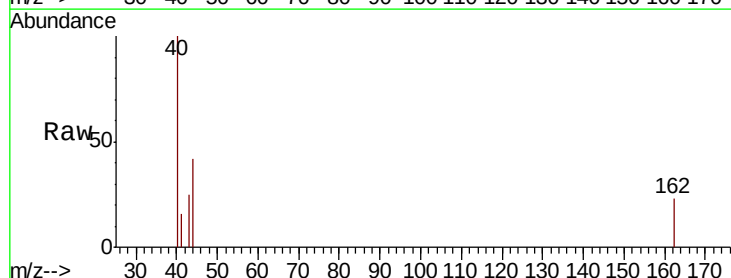
Instrument :
 BNA_G
 ClientSampleId :

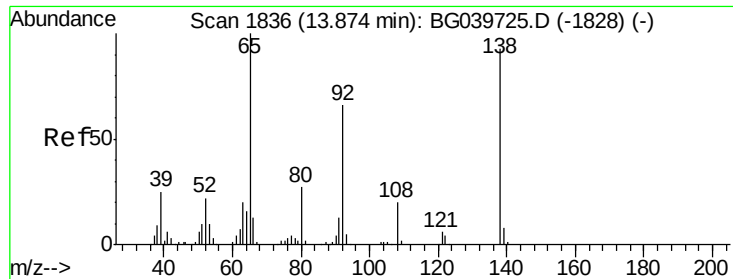
Tot Ion:154 Resp: 924
 Ion Ratio Lower Upper
 154 100
 153 48.2 22.1 62.1
 76 0.0 0.0 32.4



#47
 2-Chloronaphthalene
 Concen: 0.018 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. 0.09 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

Tgt Ion:162 Resp: 143
 Ion Ratio Lower Upper
 162 100
 127 0.0 31.0 46.6#
 164 0.0 25.7 38.5#

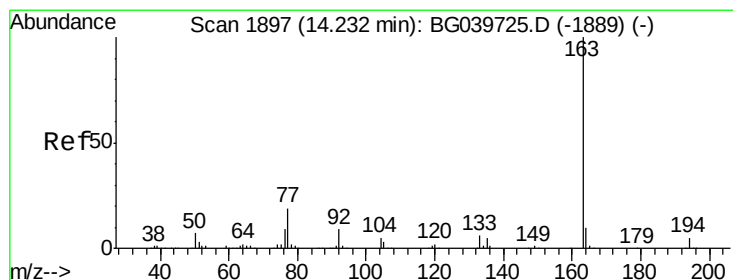
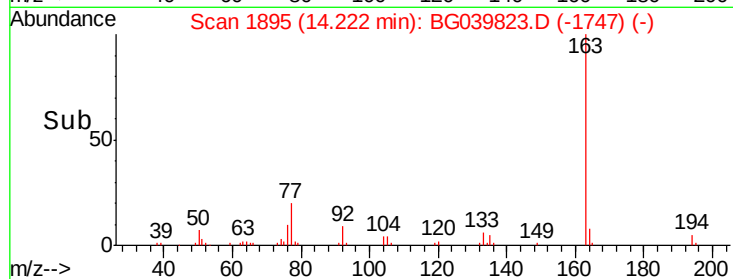
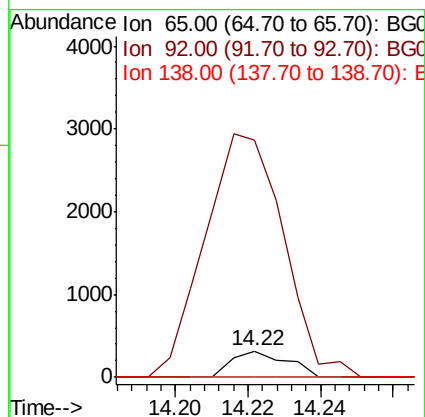
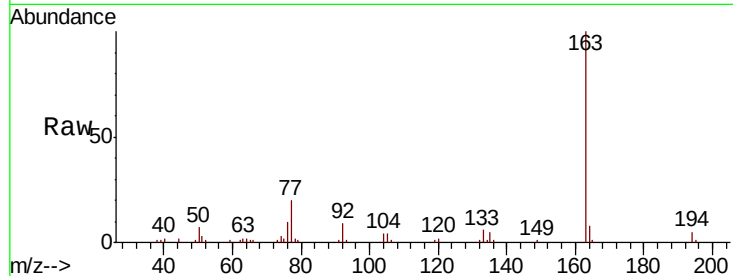




#48
2-Nitroaniline
Concen: 0.133 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.34 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

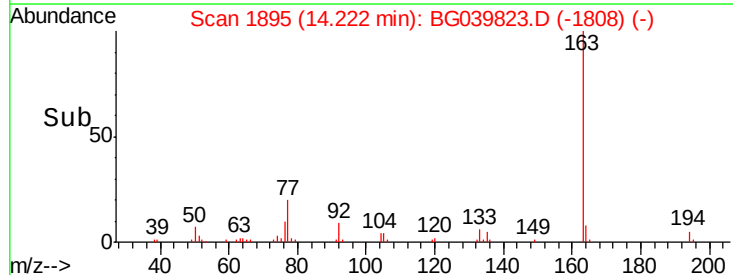
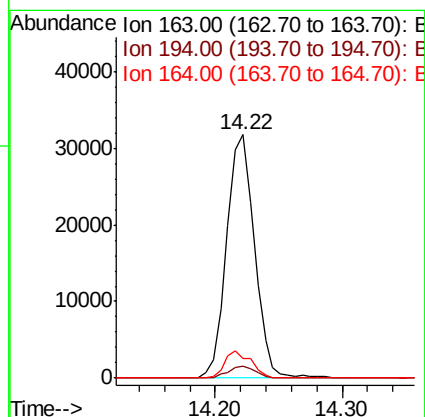
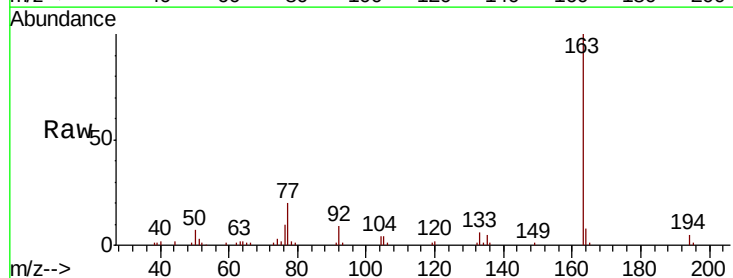
Instrument :
BNA_G
ClientSampleId :

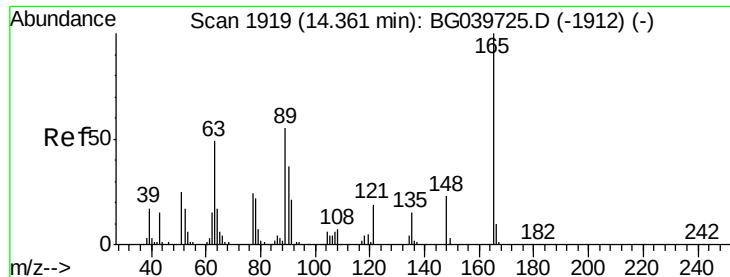
Tot Ion: 65 Resp: 335
Ion Ratio Lower Upper
65 100
92 894.7 51.4 77.2#
138 0.0 71.4 107.2#



#50
Dimethylphthalate
Concen: 4.571 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Tgt Ion:163 Resp: 48435
Ion Ratio Lower Upper
163 100
194 5.1 3.6 5.4
164 8.3 8.4 12.6#

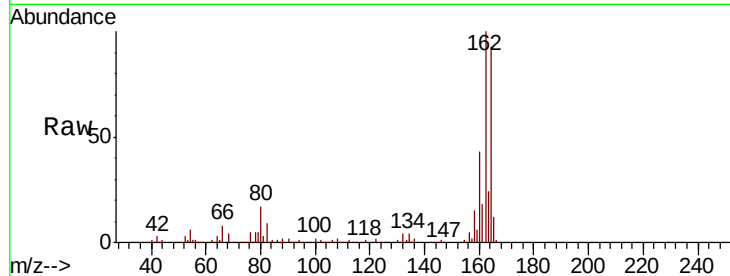




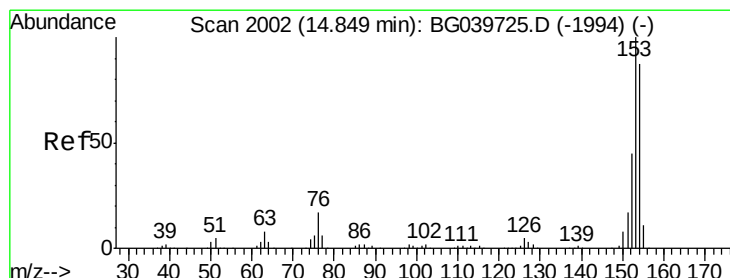
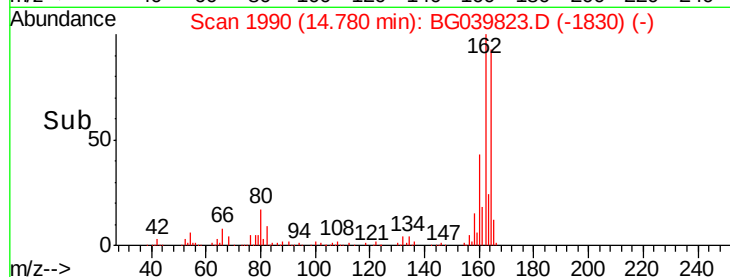
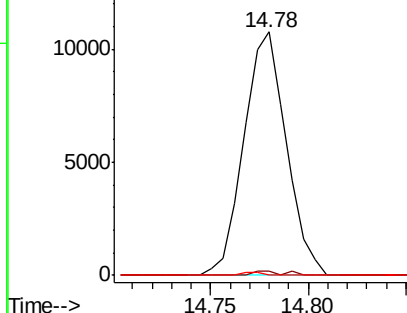
#51
2,6-Dinitrotoluene
Concen: 7.175 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.41 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 16116
Ion Ratio Lower Upper
165 100
63 1.9 47.0 70.6#
89 0.0 45.8 68.8#

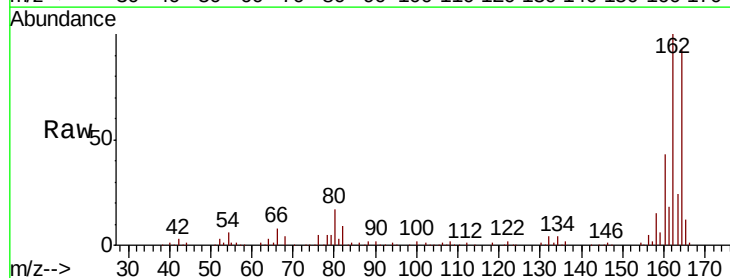


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

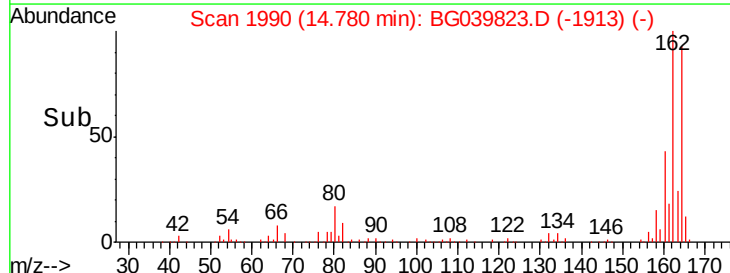
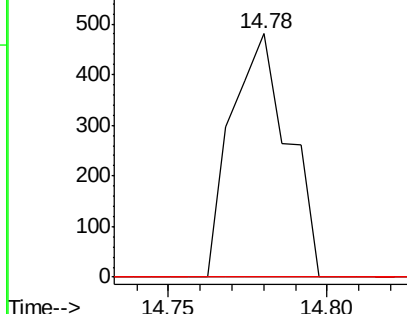


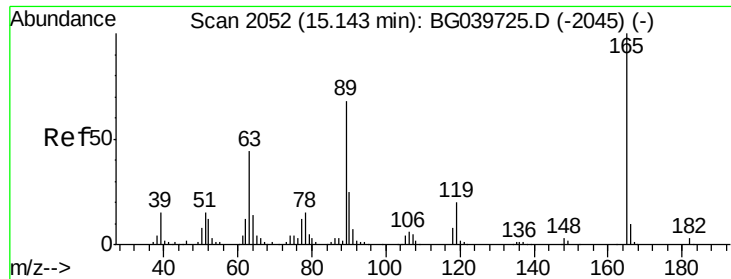
#52
Acenaphthene
Concen: 0.077 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.08 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Tgt Ion:154 Resp: 596
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

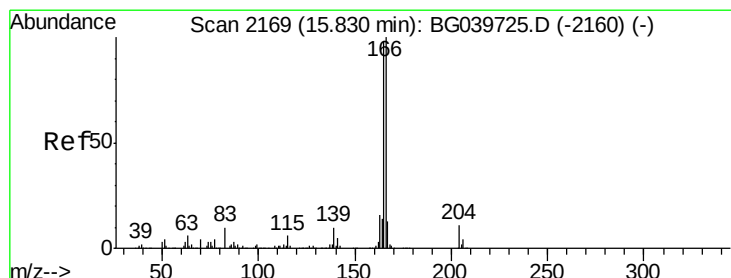
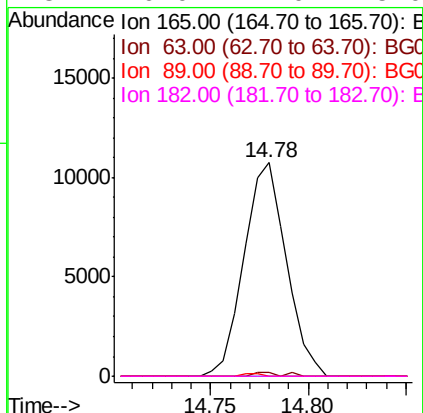
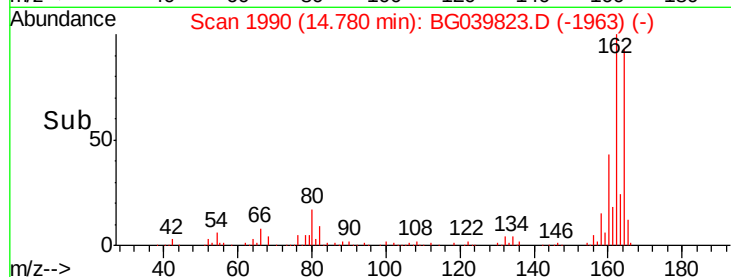
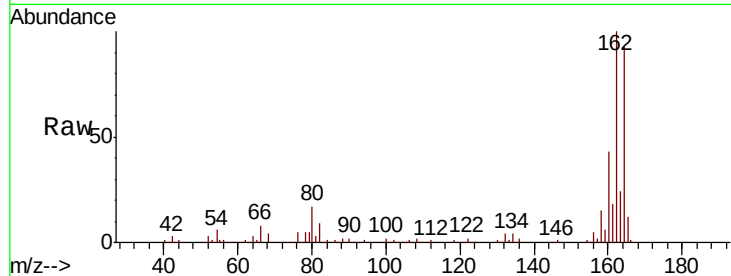




#57
2,4-Dinitrotoluene
Concen: 5.106 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.37 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

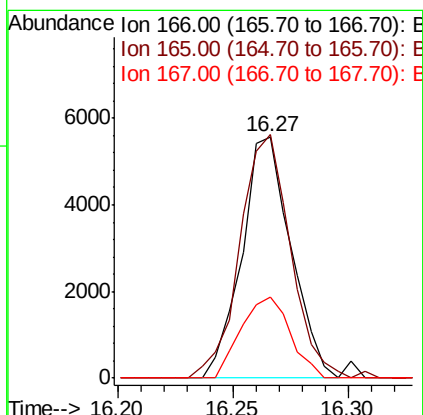
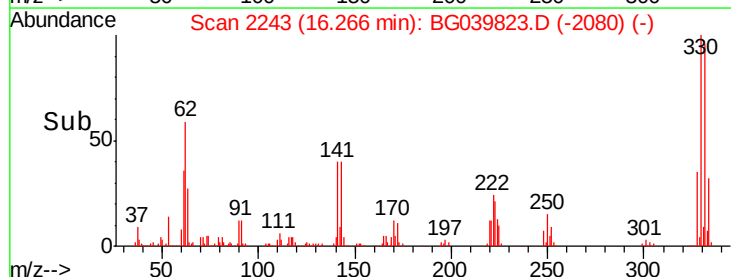
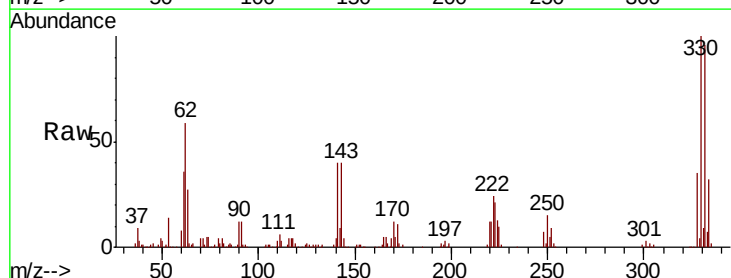
Instrument :
BNA_G
ClientSampleId :

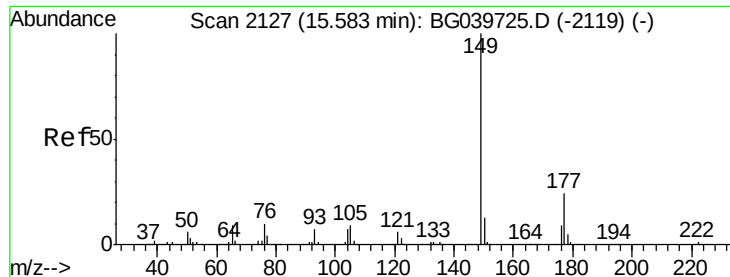
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



#58
Fluorene
Concen: 0.828 ng
RT: 16.27 min Scan# 2243
Delta R.T. 0.43 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	77.9	116.9
167	33.4	10.8	16.2#





#60

Diethylphthalate

Concen: 0.059 ng

RT: 15.58 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampled :

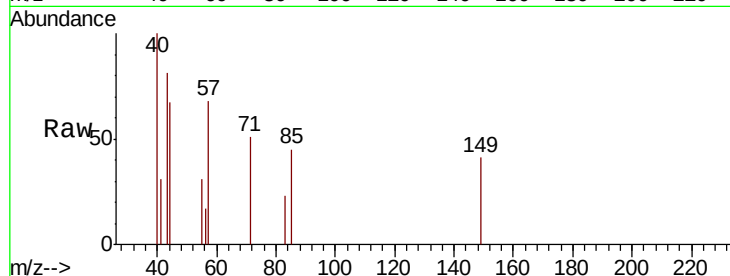
Tot Ion:149 Resp: 621

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

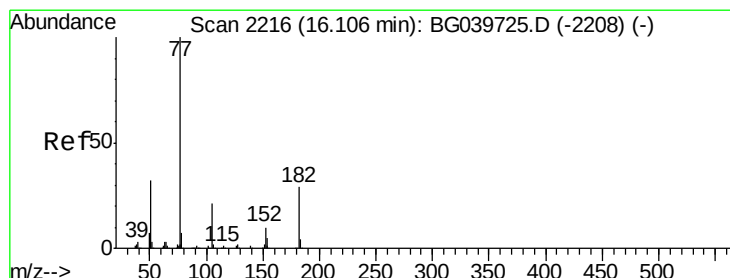
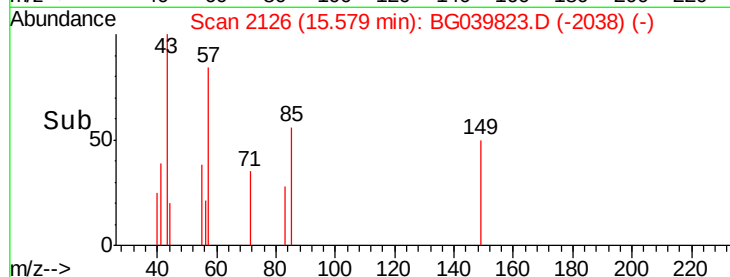
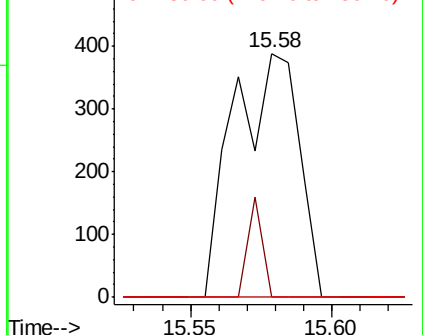
150 0.0 10.2 15.2#



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: 0.006 ng

RT: 16.20 min Scan# 2231

Delta R.T. 0.08 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Tgt Ion: 77 Resp: 57

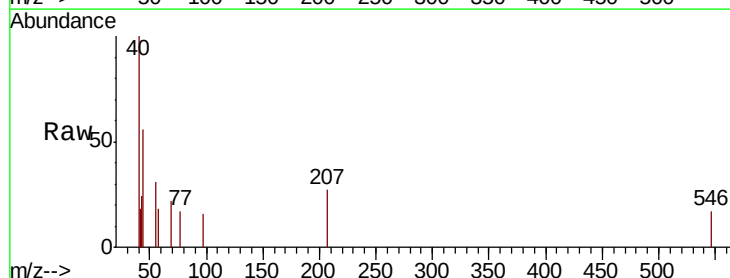
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 0.0 0.0 39.8

51 0.0 14.1 54.1#

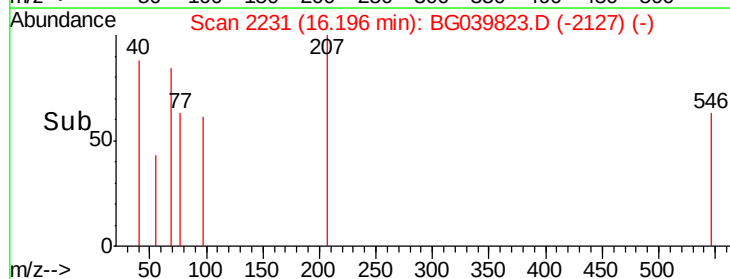
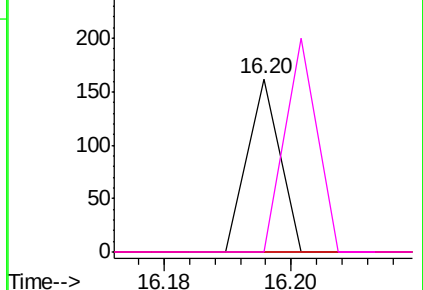


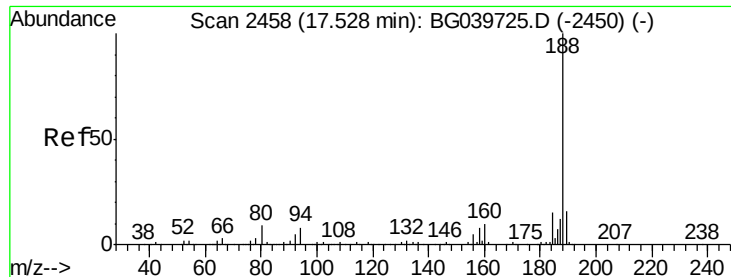
Abundance Ion 77.00 (76.70 to 77.70): BG

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: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampleId :

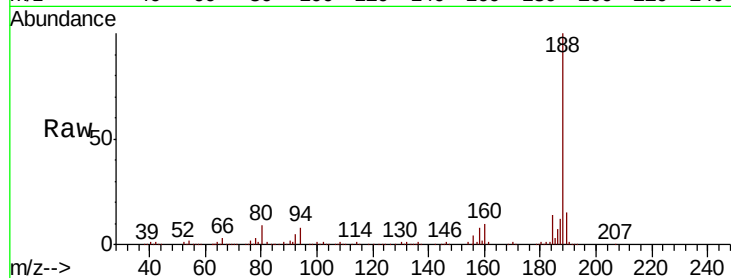
Tot Ion:188 Resp: 312188

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.1	8.1	12.1

188 100

94 8.0 6.9 10.3

80 9.1 8.1 12.1



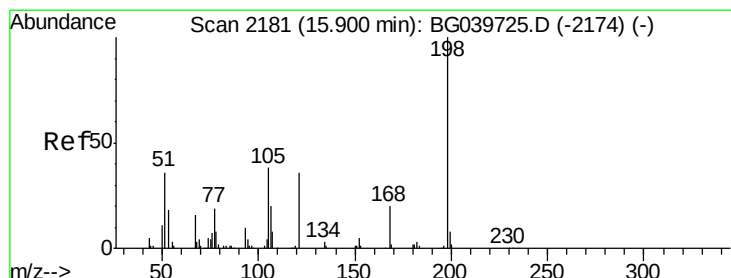
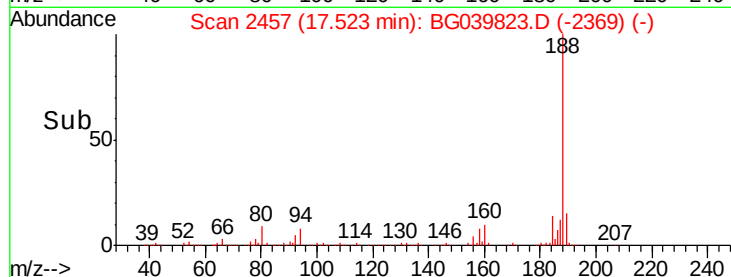
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

17.52

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 0.334 ng

RT: 16.27 min Scan# 2243

Delta R.T. 0.36 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

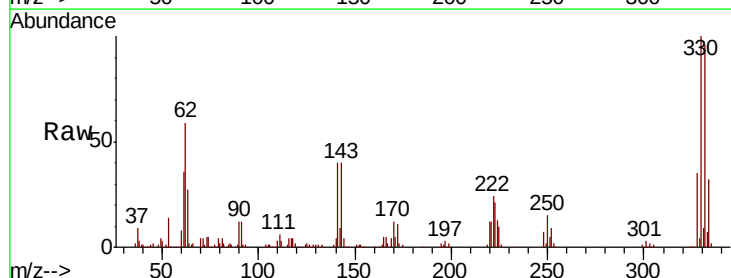
Tgt Ion:198 Resp: 616

Ion	Ratio	Lower	Upper
198	100		
51	89.5	27.4	67.4#
105	112.1	19.7	59.7#

198 100

51 89.5 27.4 67.4#

105 112.1 19.7 59.7#



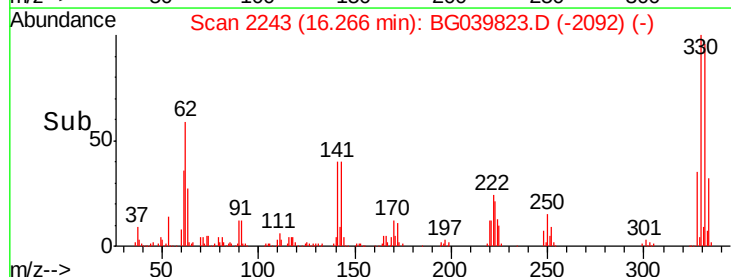
Abundance Ion 198.00 (197.70 to 198.70): E

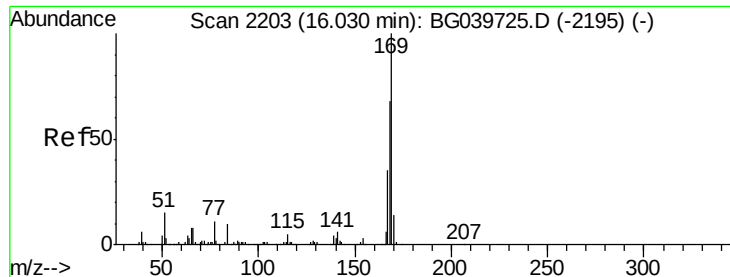
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

16.27

Time-->

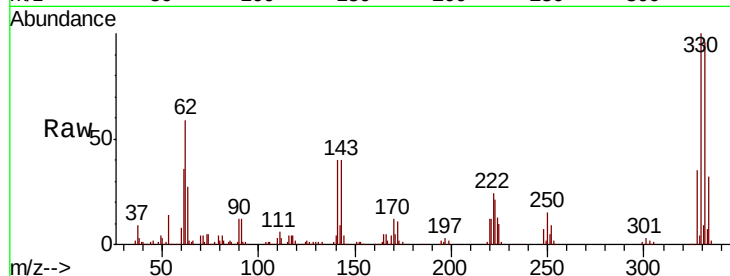




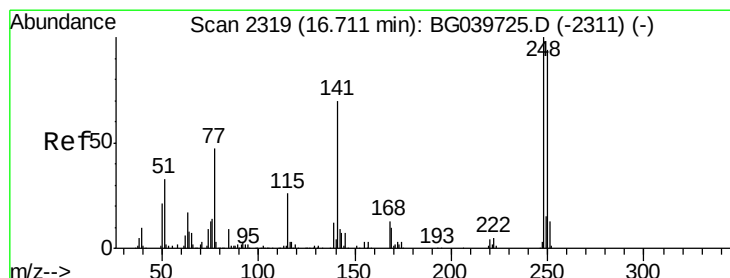
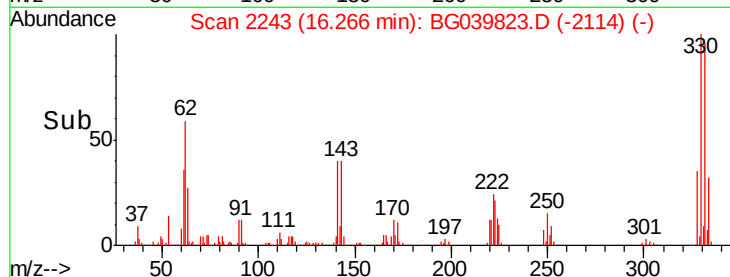
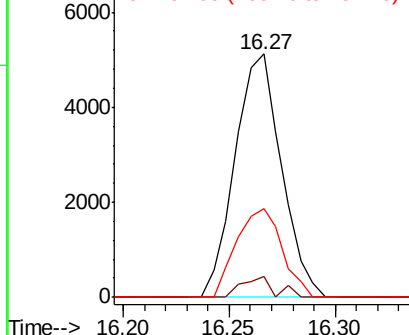
#66
 n-Nitrosodiphenylamine
 Concen: 0.862 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 7794
 Ion Ratio Lower Upper
 169 100
 168 8.4 56.6 85.0#
 167 36.3 28.8 43.2

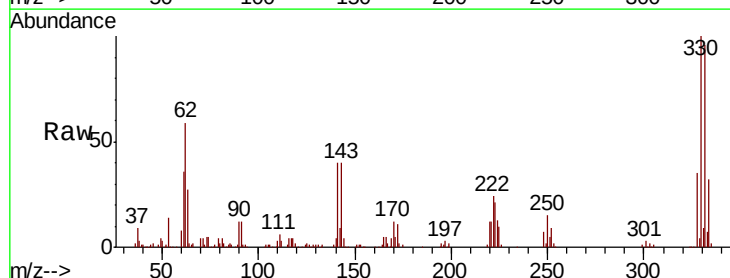


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

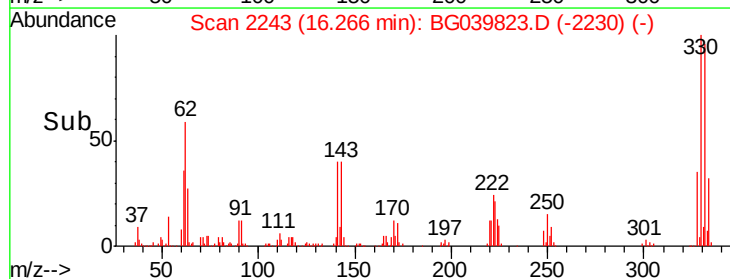
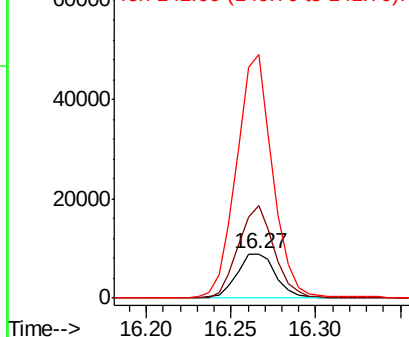


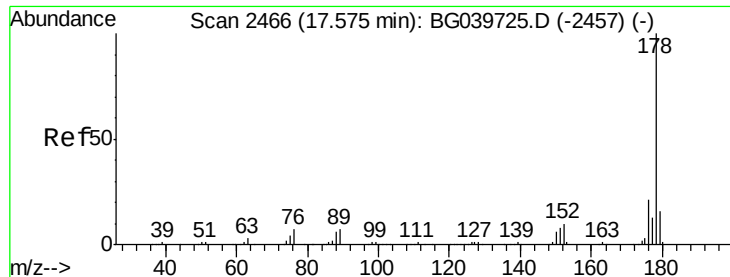
#67
 4-Bromophenyl-phenylether
 Concen: 4.047 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

Tgt Ion:248 Resp: 14143
 Ion Ratio Lower Upper
 248 100
 250 210.4 77.6 116.4#
 141 550.4 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: 0.031 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampleId :

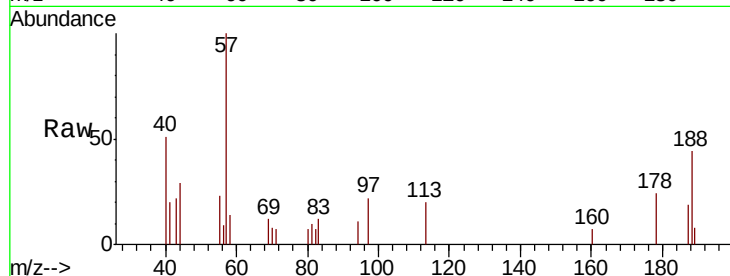
Tot Ion:178 Resp: 541

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

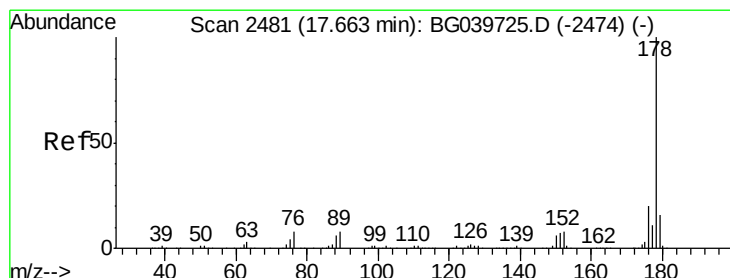
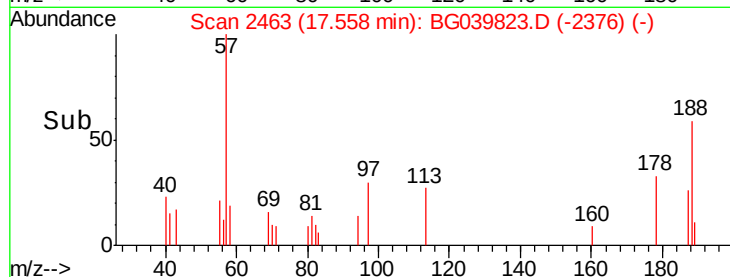
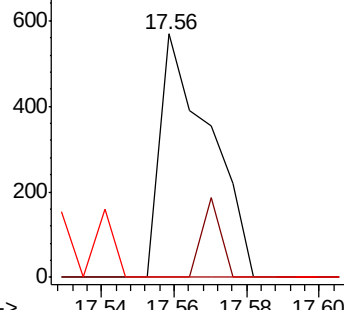
179 0.0 12.6 19.0#



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: 0.032 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.11 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

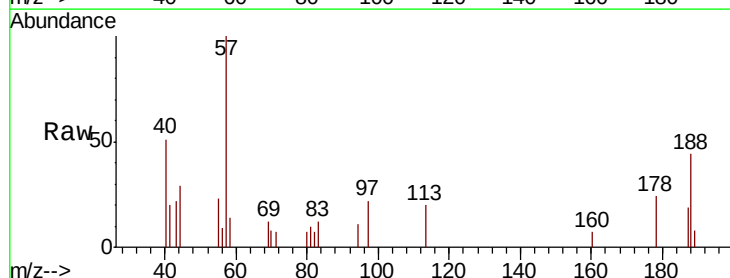
Tgt Ion:178 Resp: 541

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

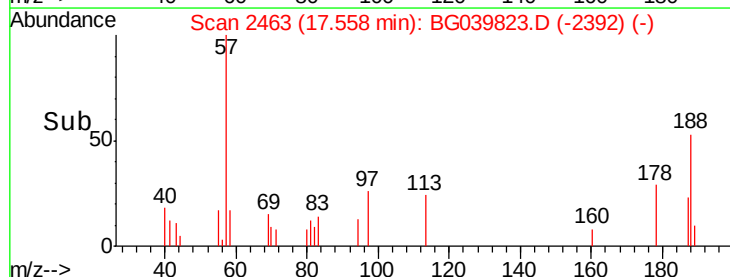
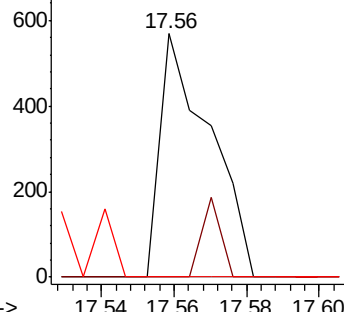
179 0.0 12.5 18.7#

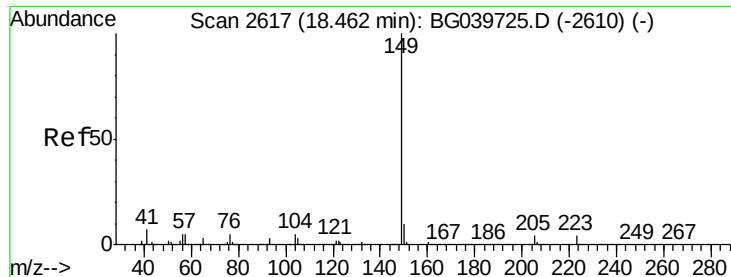


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

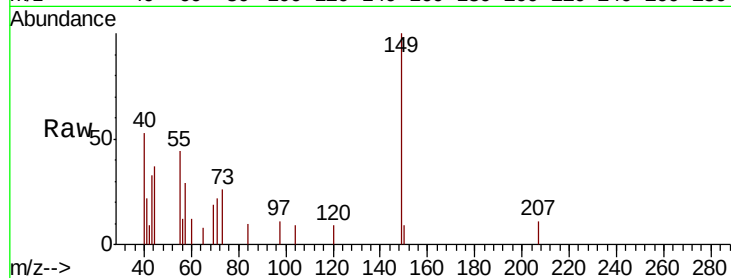




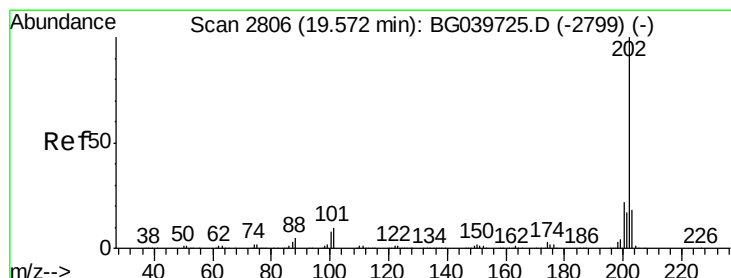
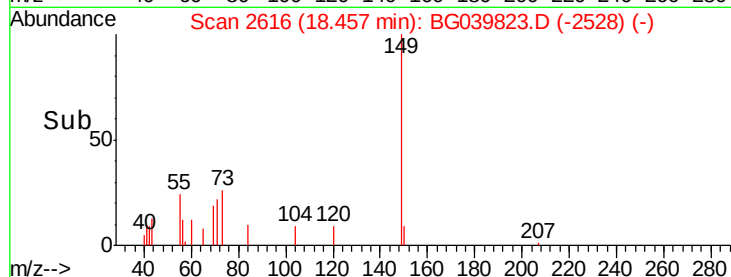
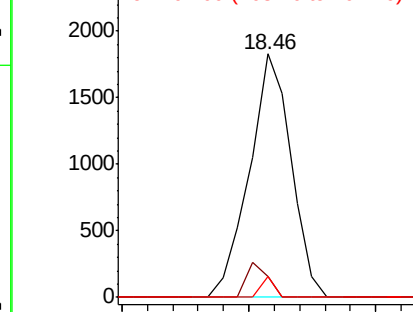
#74
Di-n-butylphthalate
Concen: 0.118 ng
RT: 18.46 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 2101
Ion Ratio Lower Upper
149 100
150 8.5 7.7 11.5
104 8.7 4.5 6.7#

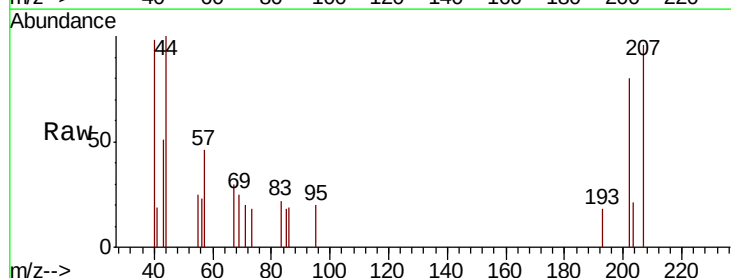


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

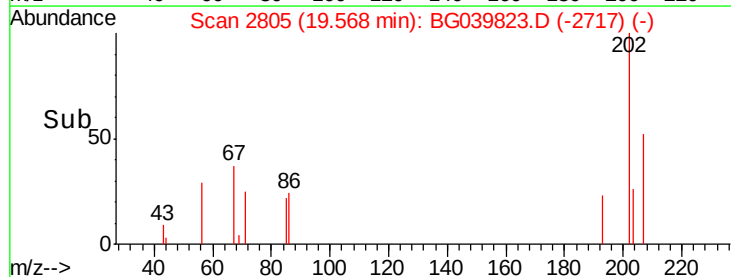
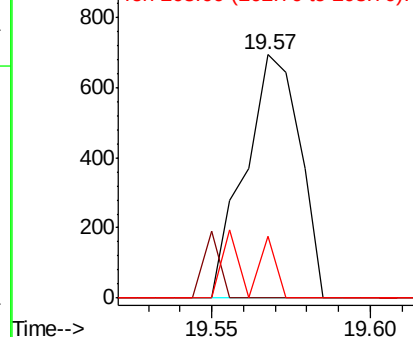


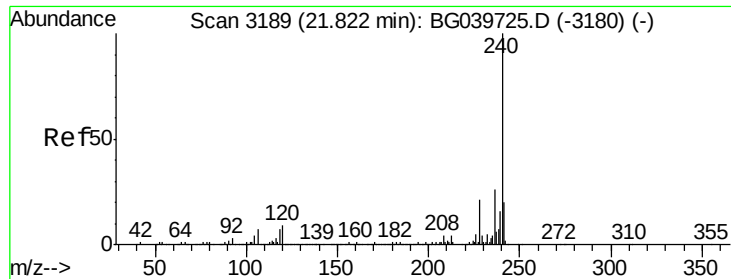
#75
Fluoranthene
Concen: 0.041 ng
RT: 19.57 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Tgt Ion:202 Resp: 830
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.0
203 25.6 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

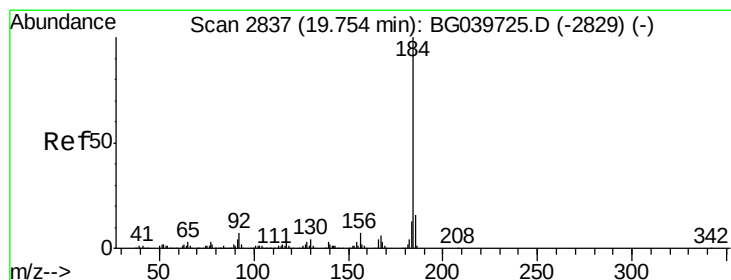
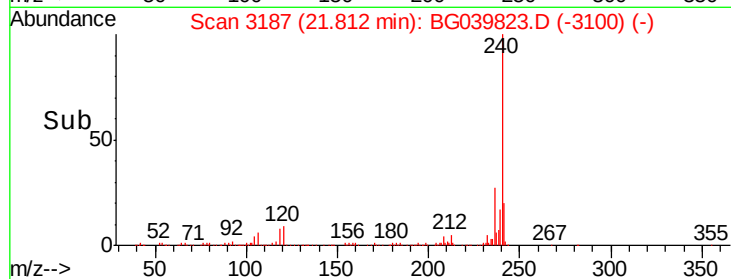
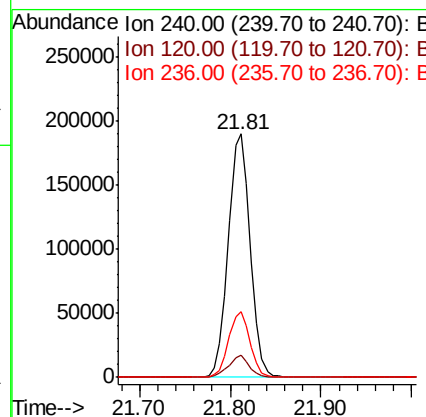
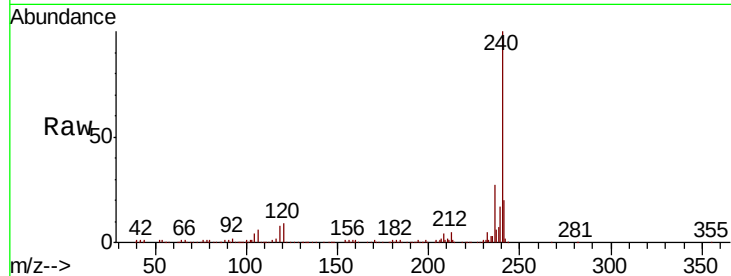




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

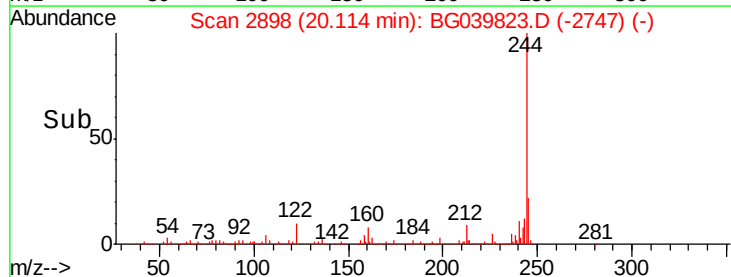
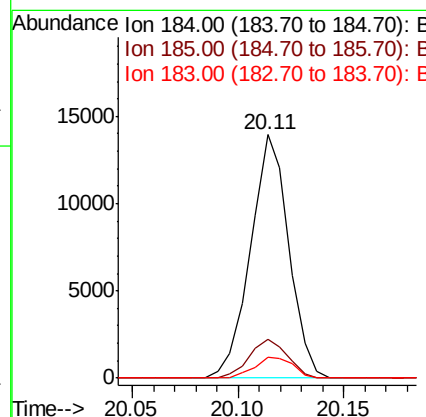
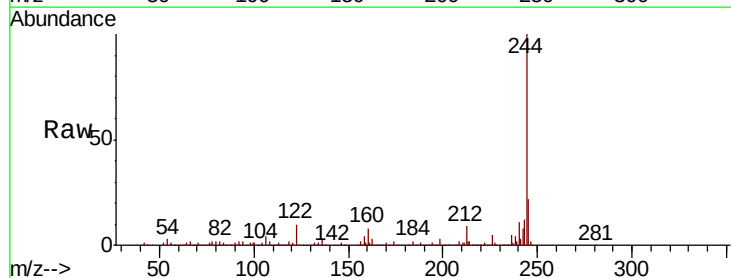
Instrument :
BNA_G
ClientSampled :

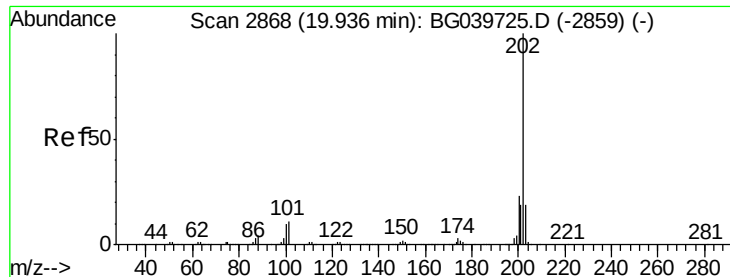
Tot Ion:240 Resp: 317752
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 26.8 21.0 31.4



#77
Benzidine
Concen: 1.735 ng
RT: 20.11 min Scan# 2898
Delta R.T. 0.36 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Tgt Ion:184 Resp: 17494
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.2
183 8.5 10.6 15.8#





#78

Pvrene

Concen: 0.042 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampled :

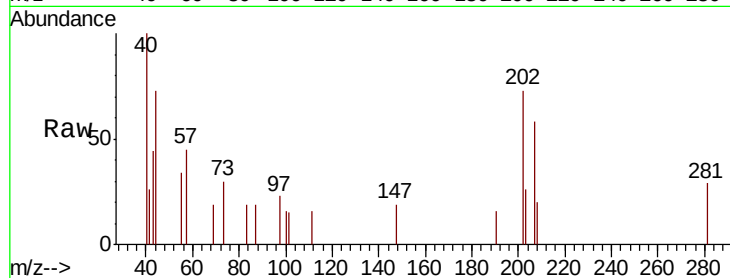
Tot Ion:202 Resp: 868

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.8#

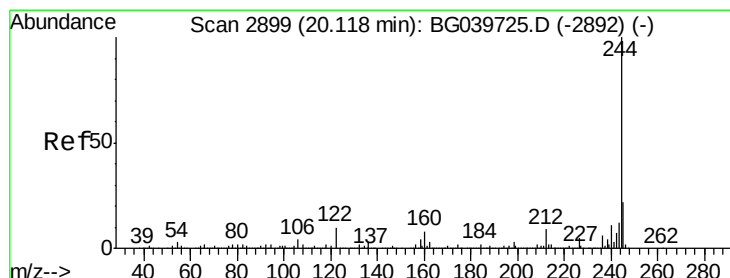
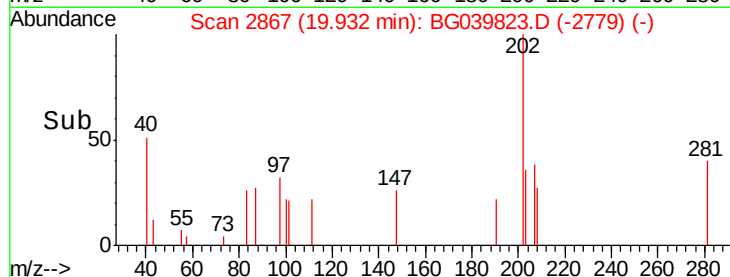
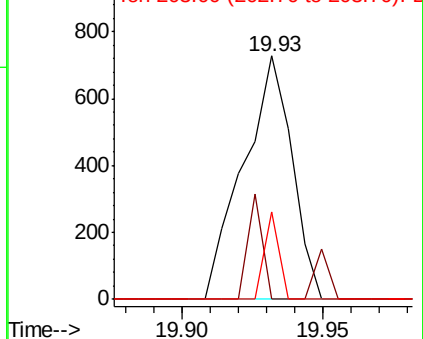
203 35.7 15.3 22.9#



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: 68.650 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

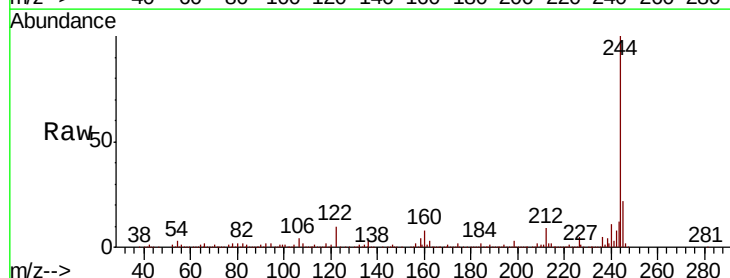
Tgt Ion:244 Resp: 990712

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

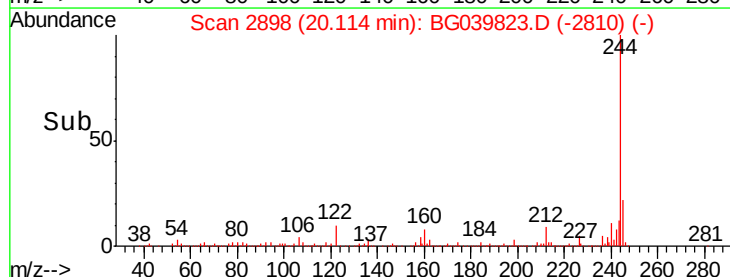
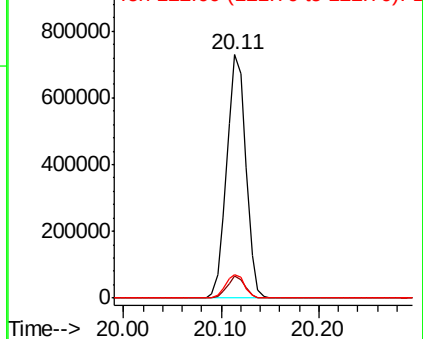
122 9.7 8.4 12.6

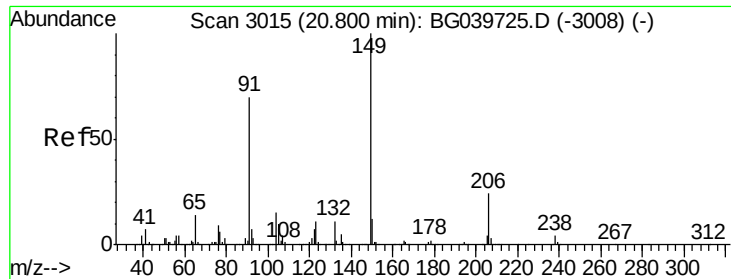


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

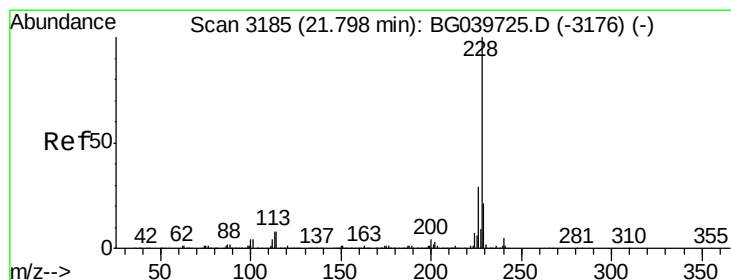
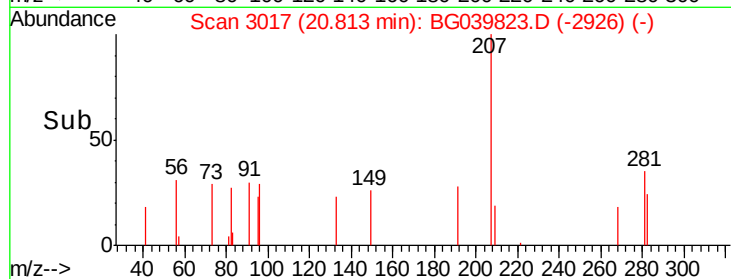
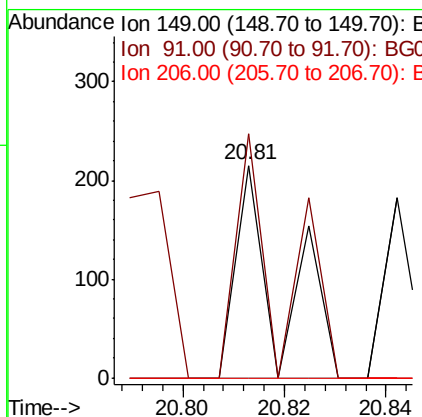
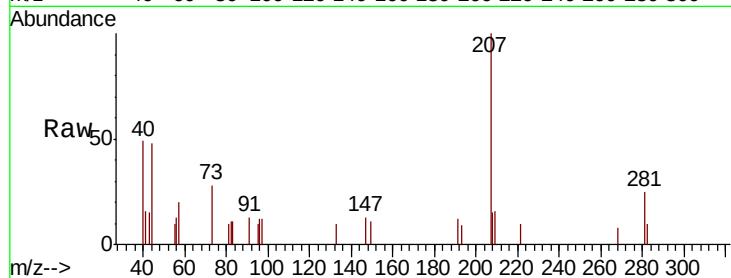




#80
Butylbenzylphthalate
Concen: 0.016 ng
RT: 20.81 min Scan# 3017
Delta R.T. 0.01 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

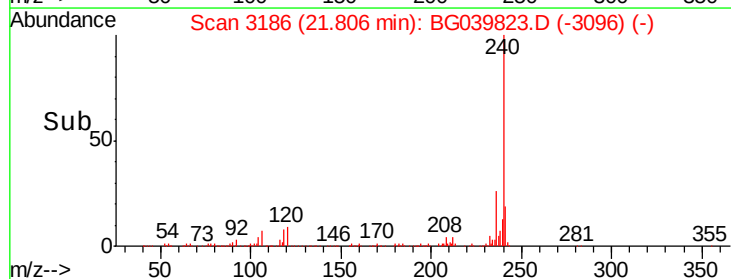
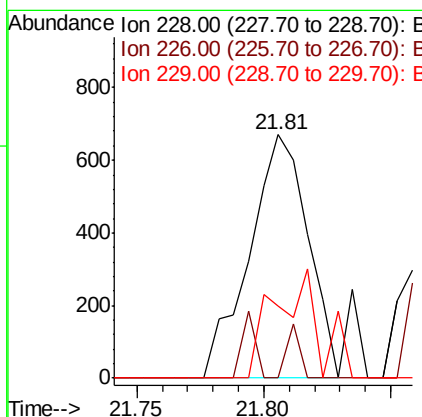
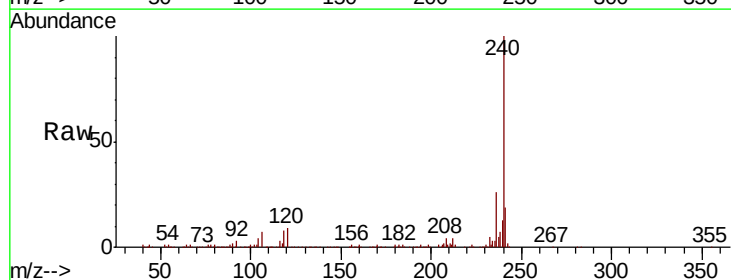
Instrument :
BNA_G
ClientSampleId :

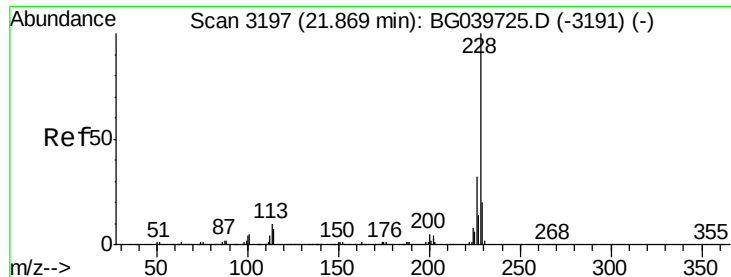
Tot Ion:149 Resp: 130
Ion Ratio Lower Upper
149 100
91 114.9 59.5 89.3#
206 0.0 18.6 27.8#



#81
Benzo(a)anthracene
Concen: 0.054 ng
RT: 21.81 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Tgt Ion:228 Resp: 1084
Ion Ratio Lower Upper
228 100
226 0.0 23.0 34.6#
229 29.4 16.9 25.3#





#83

Chrysene

Concen: 0.019 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampleId :

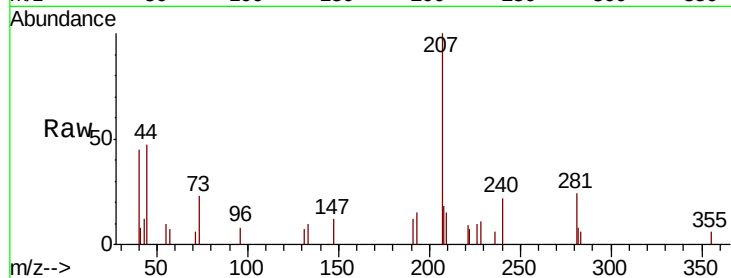
Tot Ion:228 Resp: 364

Ion Ratio Lower Upper

228 100

226 87.9 25.8 38.6#

229 0.0 16.6 25.0#

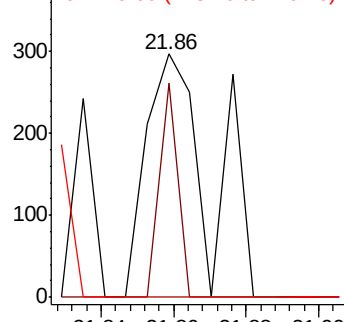


Abundance

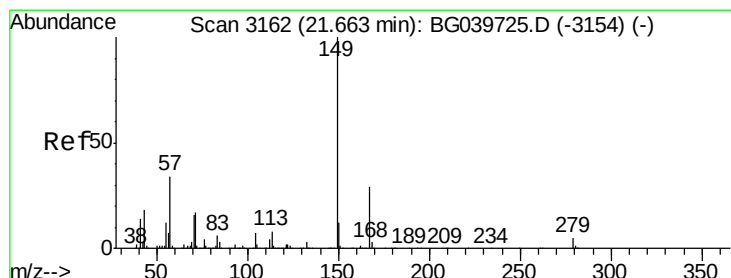
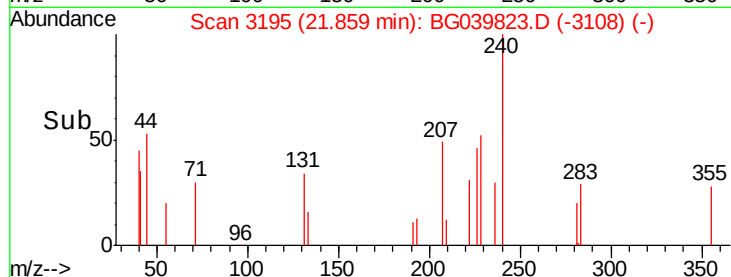
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.086 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

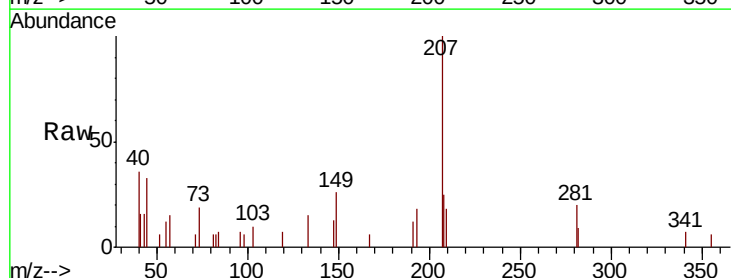
Tgt Ion:149 Resp: 968

Ion Ratio Lower Upper

149 100

167 22.3 22.6 34.0#

279 0.0 3.5 5.3#

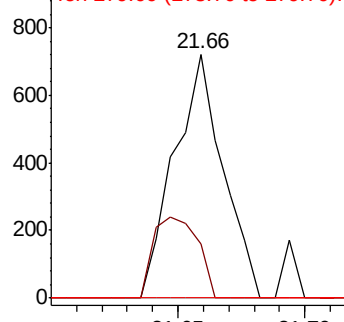


Abundance

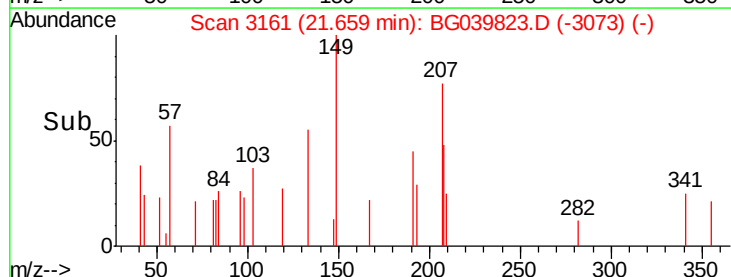
Ion 149.00 (148.70 to 149.70): E

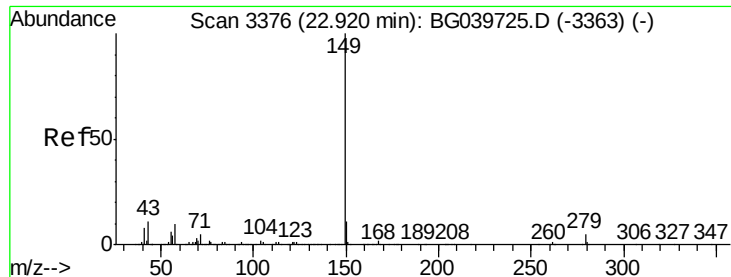
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

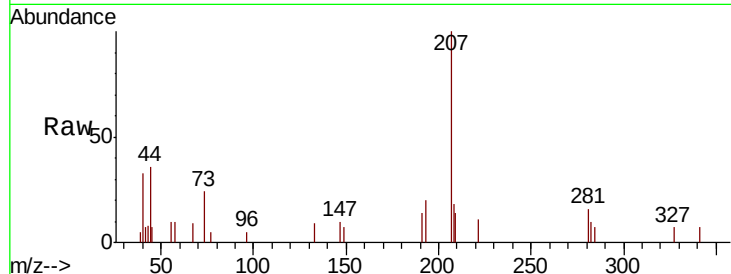




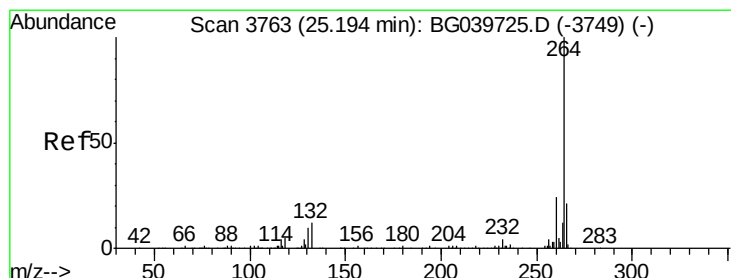
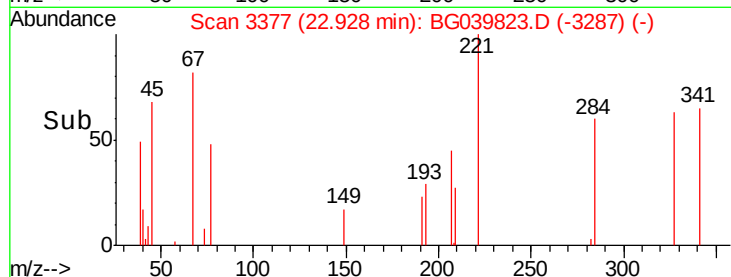
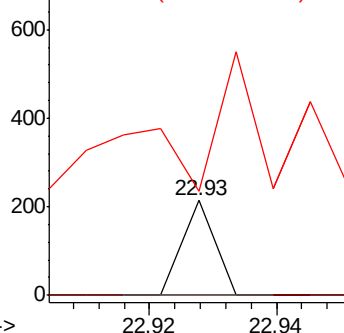
#85
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 22.93 min Scan# 3377
Delta R.T. 0.00 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 75
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 170.7 10.2 15.4#

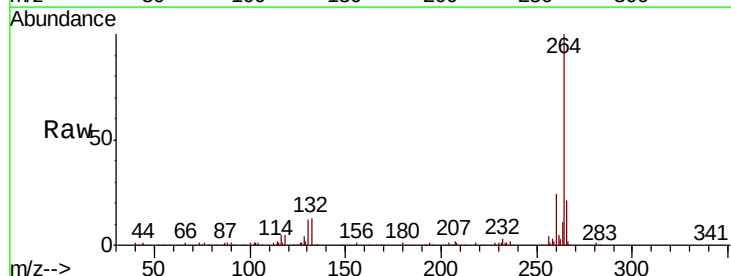


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BG0

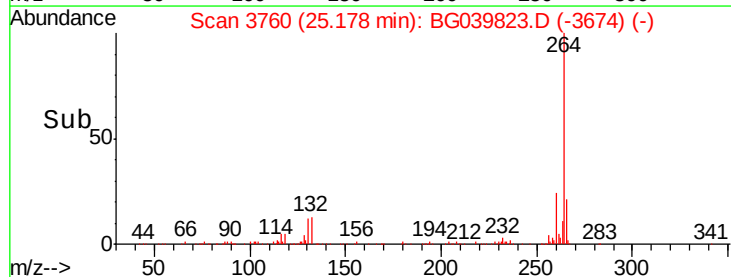
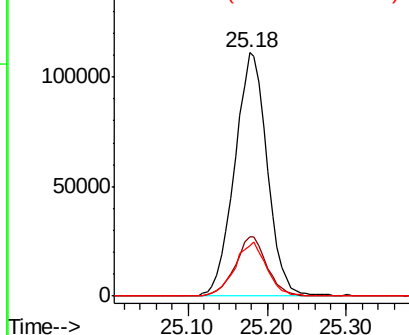


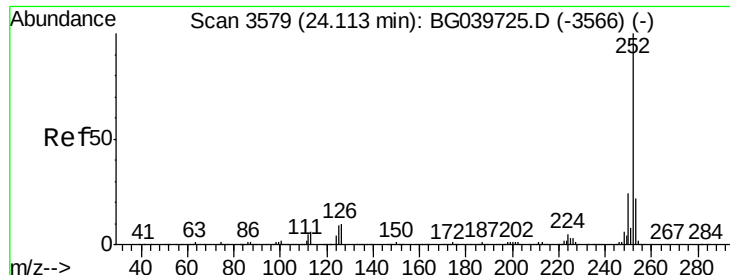
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Tgt Ion:264 Resp: 316713
Ion Ratio Lower Upper
264 100
260 24.3 18.2 27.4
265 20.8 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: 0.021 ng

RT: 24.10 min Scan# 3577

Delta R.T. -0.02 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampled :

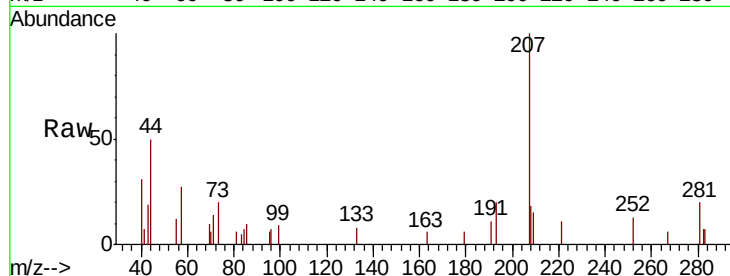
Tot Ion:252 Resp: 394

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

125 0.0 7.8 11.6#

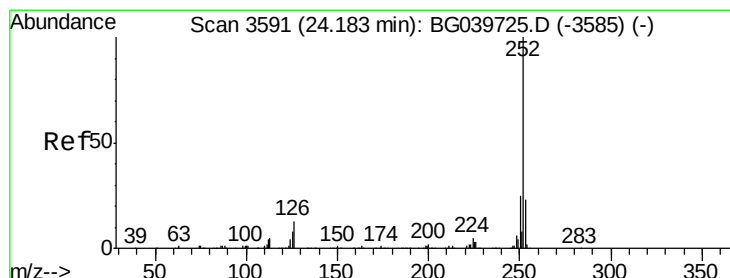
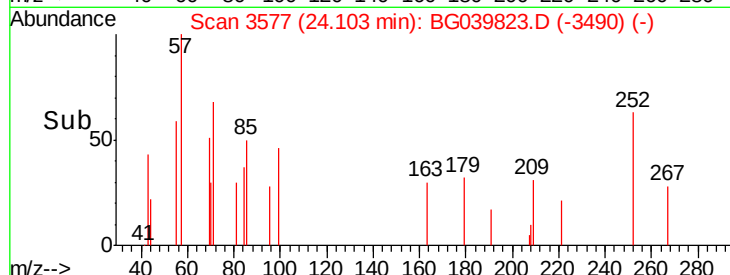
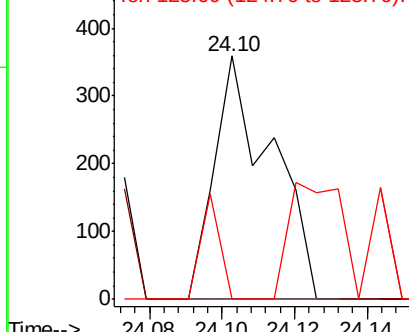


Abundance

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: 0.005 ng

RT: 24.17 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

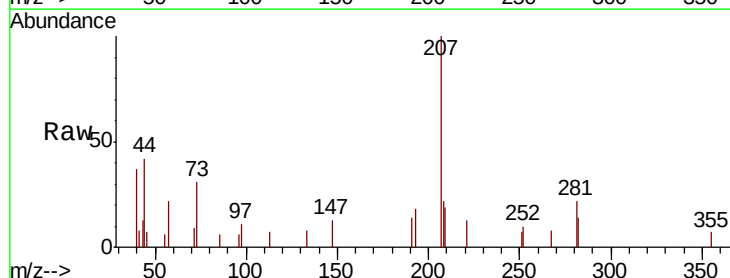
Tgt Ion:252 Resp: 83

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

125 0.0 7.4 11.2#

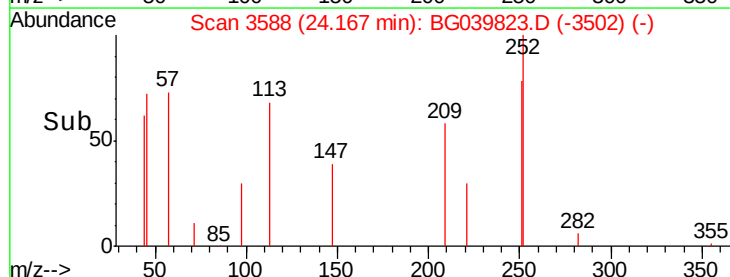
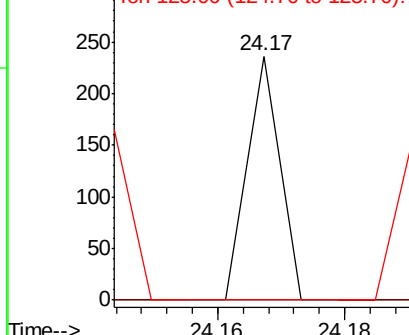


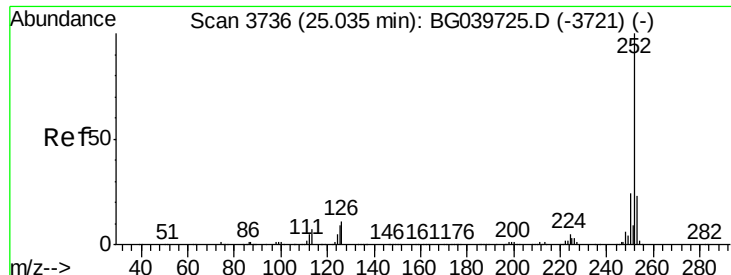
Abundance

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: 0.026 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampleId :

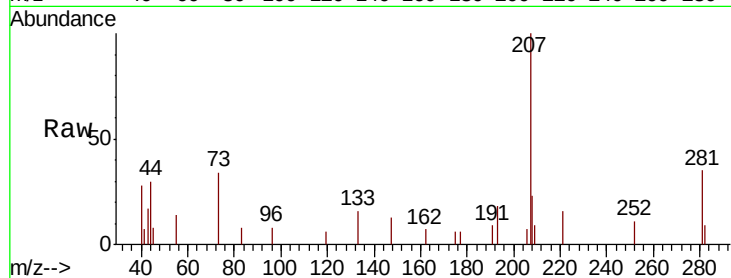
Tot Ion:252 Resp: 462

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

