

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039831.D
 Acq On : 8 Mar 2019 21:31
 Operator : JU/SJ
 Sample : K1783-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:14:25 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	8.16	152	43153	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	190422	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	138534	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	340390	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	347008	20.00	ng	-0.02
87) Perylene-d12	25.18	264	345760	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	169578	67.04	ng	-0.01
7) Phenol-d6	7.29	99	153426	40.68	ng	-0.02
23) Nitrobenzene-d5	9.33	82	351753	99.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	236516	146.48	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	887371	91.20	ng	-0.01
79) Terphenyl-d14	20.12	244	1409581	89.44	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	57	0.049	ng	# 10
3) Pyridine	4.30	79	63	0.020	ng	# 4
4) n-Nitrosodimethylamine	3.92	42	55	0.037	ng	# 1
6) Aniline	7.68	93	513	0.104	ng	# 1
9) Benzaldehyde	7.29	77	87	0.036	ng	# 4
10) Phenol	7.33	94	895	0.219	ng	# 89
11) bis(2-Chloroethyl)ether	7.68	93	513	0.161	ng	# 1
12) 1,3-Dichlorobenzene	8.48	146	135	0.039	ng	# 1
13) 1,4-Dichlorobenzene	8.48	146	135	0.038	ng	# 1
14) 1,2-Dichlorobenzene	8.48	146	135	0.040	ng	# 1
15) Benzyl Alcohol	8.47	79	5173	1.729	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	8.50	45	53	0.008	ng	# 1
19) n-Nitroso-di-n-propylamine	9.33	70	46271	17.045	ng	# 66
24) Nitrobenzene	9.33	77	1201	0.325	ng	# 41
31) Naphthalene	10.85	128	59	0.006	ng	# 69
34) Hexachlorobutadiene	11.48	225	57	0.024	ng	# 21
37) 2-Methylnaphthalene	12.27	142	53	0.007	ng	# 13
46) 1,1'-Biphenyl	13.62	154	1350	0.118	ng	# 77
48) 2-Nitroaniline	13.40	65	1609	0.584	ng	# 1
50) Dimethylphthalate	14.23	163	1113	0.096	ng	# 76
51) 2,6-Dinitrotoluene	14.78	165	17906	7.291	ng	# 24
52) Acenaphthene	14.78	154	669	0.079	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	17906	5.189	ng	# 19
58) Fluorene	16.26	166	10691	0.979	ng	# 94
60) Diethylphthalate	15.57	149	193	0.017	ng	# 58
63) Azobenzene	16.26	77	1510	0.145	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.26	198	886	0.440	ng	# 4
66) n-Nitrosodiphenylamine	16.26	169	10220	1.037	ng	# 46
67) 4-Bromophenyl-phenylether	16.26	248	18917	4.965	ng	# 1
71) Phenanthrene	17.57	178	222	0.012	ng	# 59
72) Anthracene	17.57	178	222	0.012	ng	# 60
73) Carbazole	17.53	167	58	0.004	ng	# 57
74) Di-n-butylphthalate	18.46	149	1387	0.072	ng	# 77
77) Benzidine	20.12	184	25593	2.324	ng	# 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	20.12	202	5912	0.262	nq	# 75
80) Butylbenzylphthalate	20.65	149	76	0.009	nq	# 22
81) Benzo(a)anthracene	21.81	228	902	0.041	nq	# 60
82) 3,3'-Dichlorobenzidine	21.92	252	57	0.007	nq	# 26
83) Chrysene	21.81	228	902	0.043	nq	# 57
84) Bis(2-ethylhexyl)phthalate	21.65	149	2855	0.233	nq	# 89
85) Di-n-octyl phthalate	22.91	149	59	0.003	nq	# 71
90) Benzo(a)pyrene	25.19	252	1547	0.081	nq	# 72

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

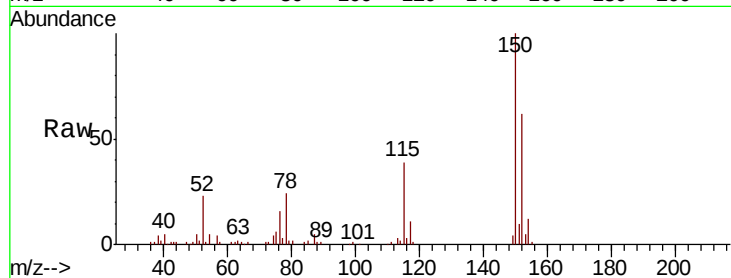


#1

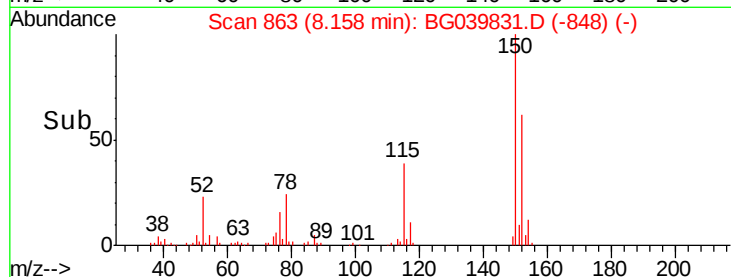
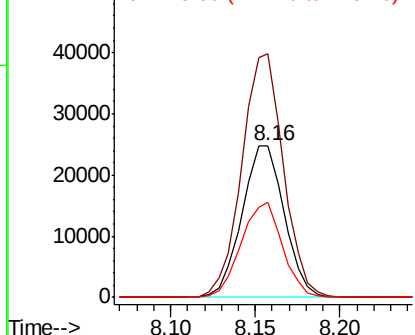
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	123.7	185.5
115	62.4	45.9	68.9



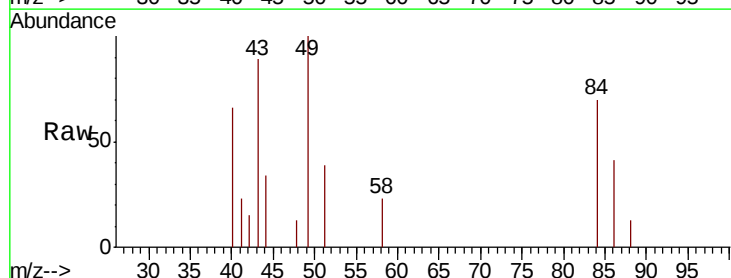
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



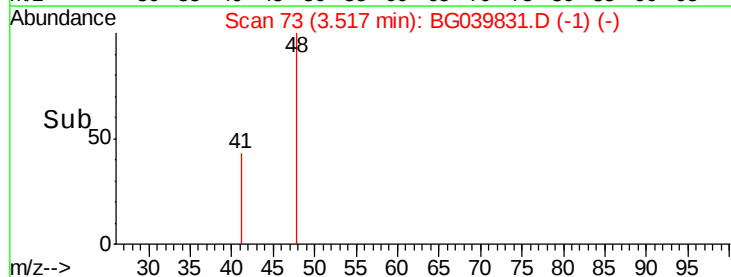
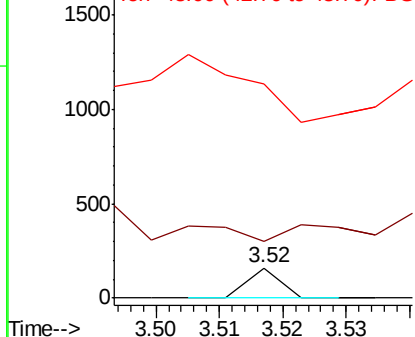
#2

1,4-Dioxane
Concen: 0.049 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.09 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	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: 0.020 ng

RT: 4.30 min Scan# 207

Delta R.T. 0.30 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampled :

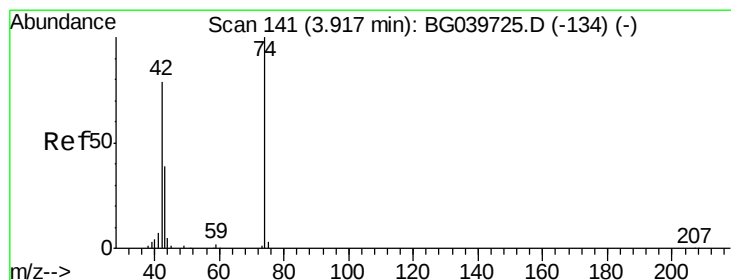
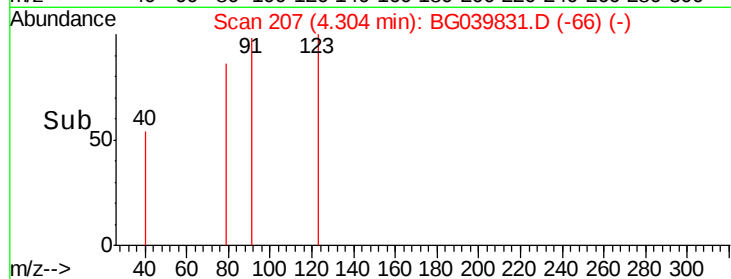
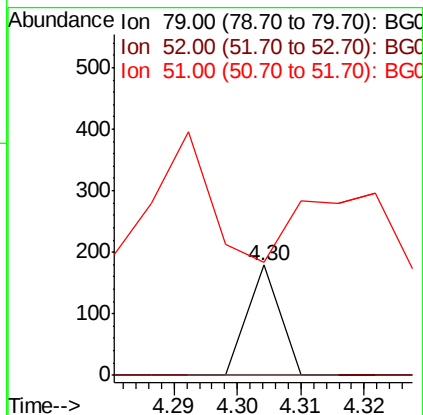
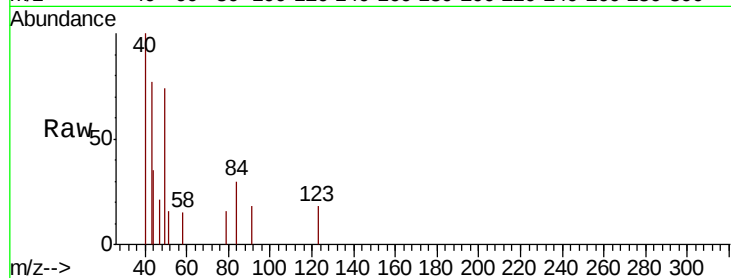
Tot Ion: 79 Resp: 63

Ion Ratio Lower Upper

79 100

52 0.0 82.6 124.0#

51 102.8 37.5 56.3#



#4

n-Nitrosodimethylamine

Concen: 0.037 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

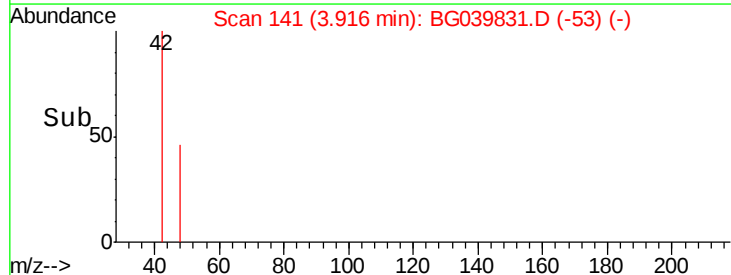
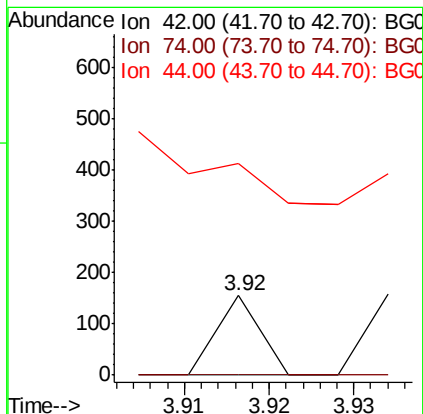
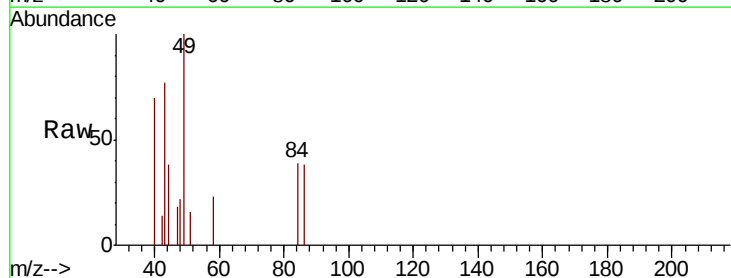
Tgt Ion: 42 Resp: 55

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 266.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 67.041 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampled :

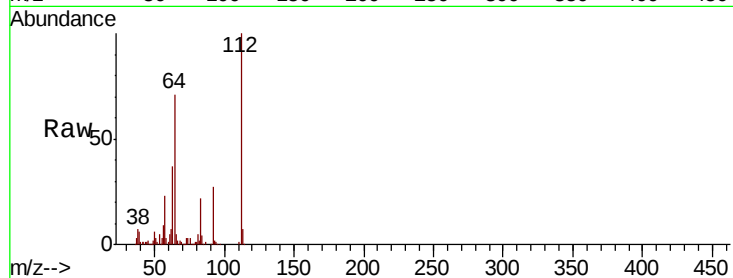
Tot Ion:112 Resp: 169578

Ion Ratio Lower Upper

112 100

64 70.9 57.8 86.8

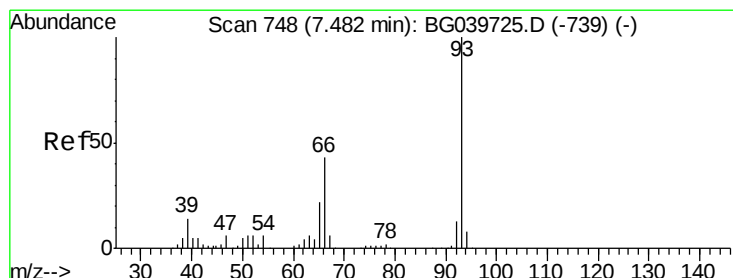
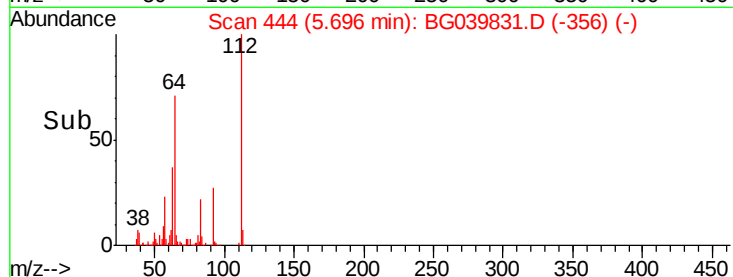
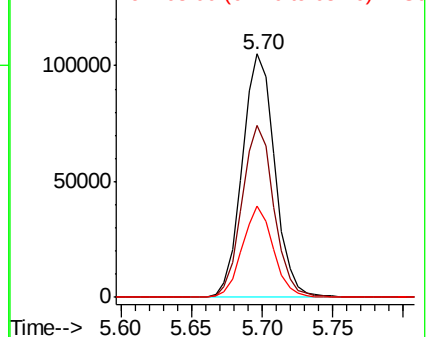
63 37.4 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.104 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.19 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

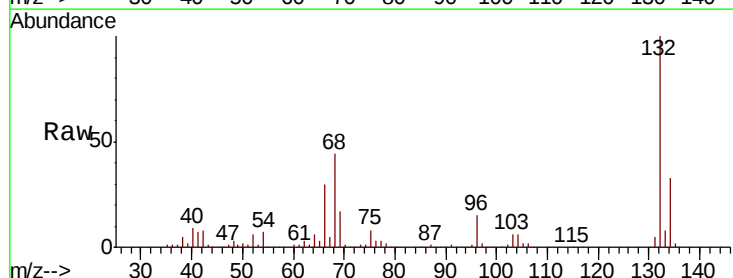
Tgt Ion: 93 Resp: 513

Ion Ratio Lower Upper

93 100

66 13662.1 34.2 51.4#

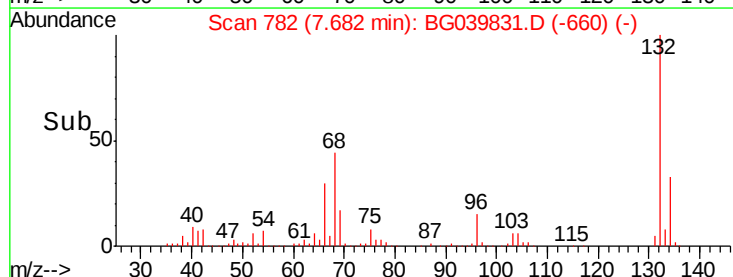
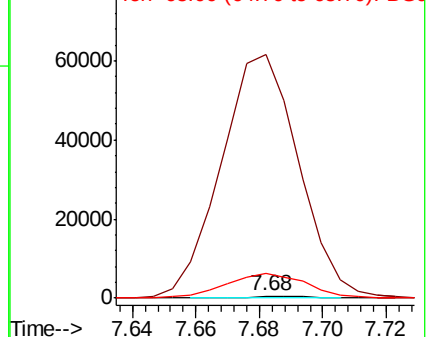
65 1376.3 17.7 26.5#



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: 40.679 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampled :

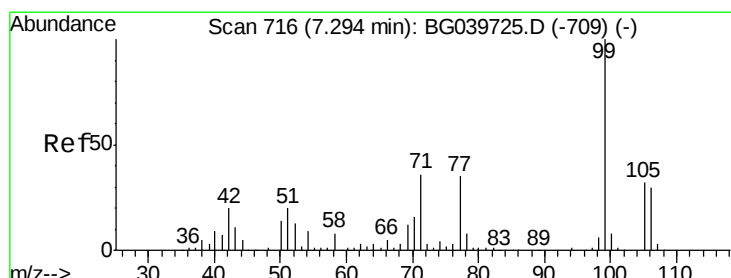
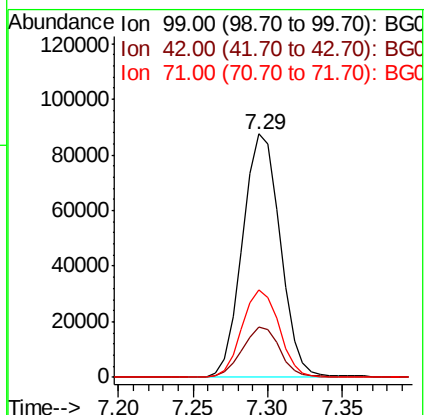
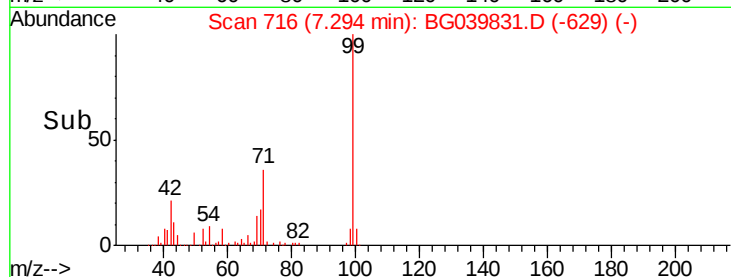
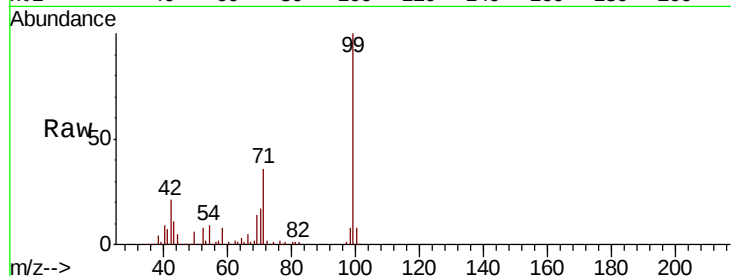
Tot Ion: 99 Resp: 153426

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.2

71 36.1 28.0 42.0



#9

Benzaldehyde

Concen: 0.036 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

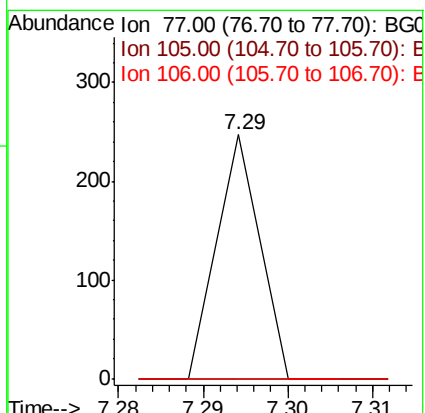
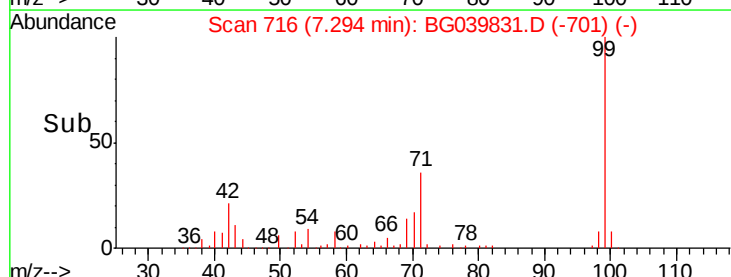
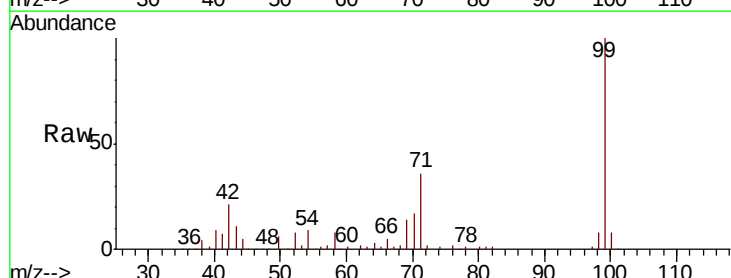
Tgt Ion: 77 Resp: 87

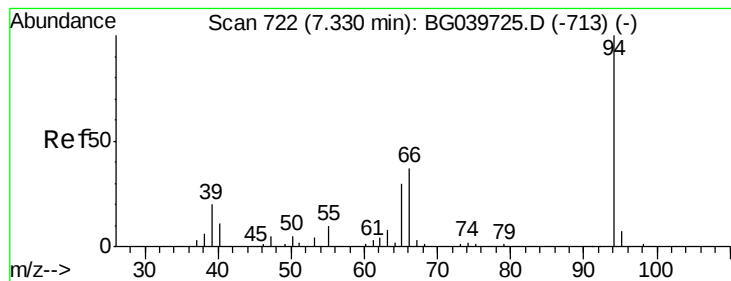
Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

106 0.0 68.0 108.0#





#10

Phenol

Concen: 0.219 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

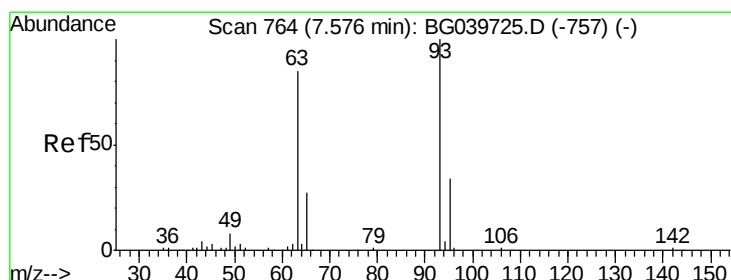
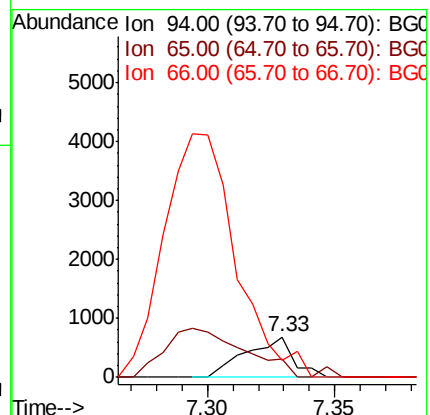
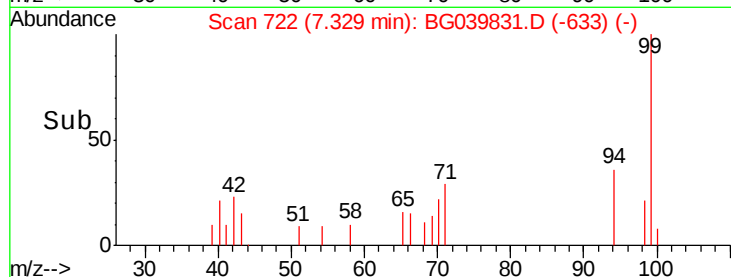
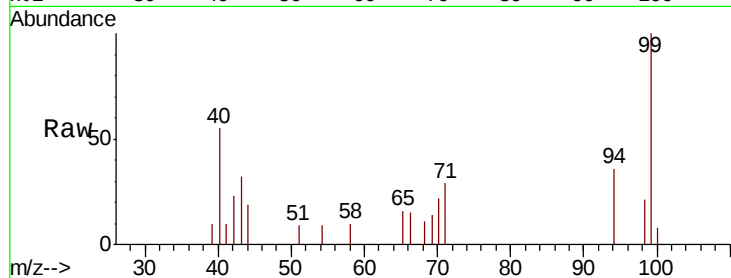
Instrument :

BNA_G

ClientSampled :

Tot Ion: 94 Resp: 895

Ion	Ratio	Lower	Upper
94	100		
65	43.7	11.7	51.7
66	41.7	23.7	63.7



#11

bis(2-Chloroethyl)ether

Concen: 0.161 ng

RT: 7.68 min Scan# 782

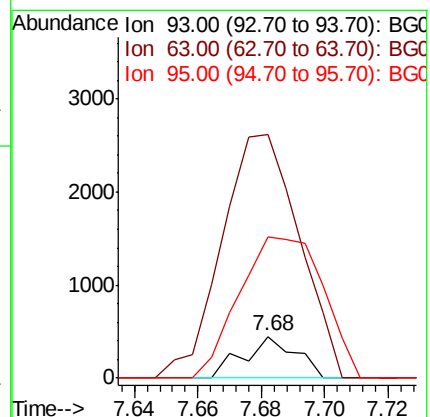
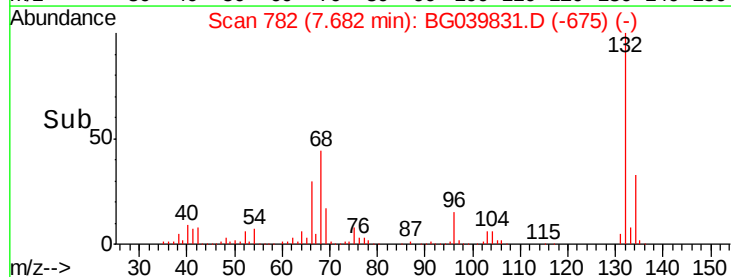
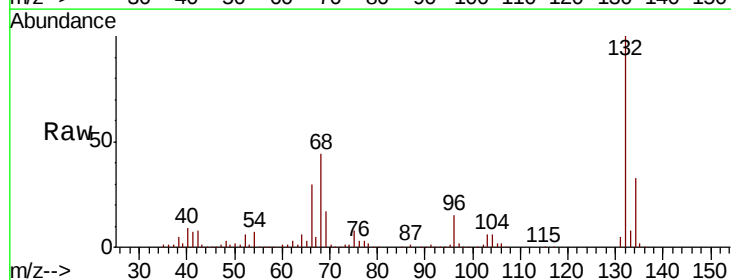
Delta R.T. 0.10 min

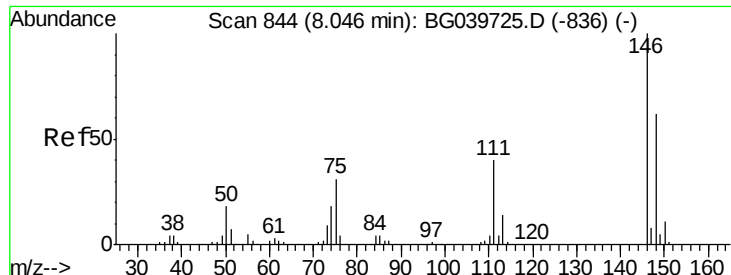
Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Tgt Ion: 93 Resp: 513

Ion	Ratio	Lower	Upper
93	100		
63	580.3	69.5	109.5#
95	337.7	12.7	52.7#





#12

1,3-Dichlorobenzene

Concen: 0.039 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.43 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampleId :

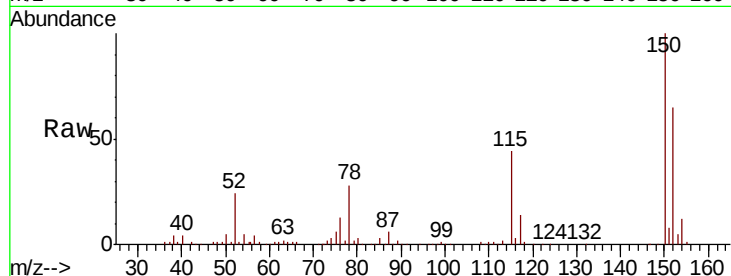
Tot Ion:146 Resp: 135

Ion Ratio Lower Upper

146 100

148 159.5 52.6 79.0#

75 2393.2 25.8 38.6#

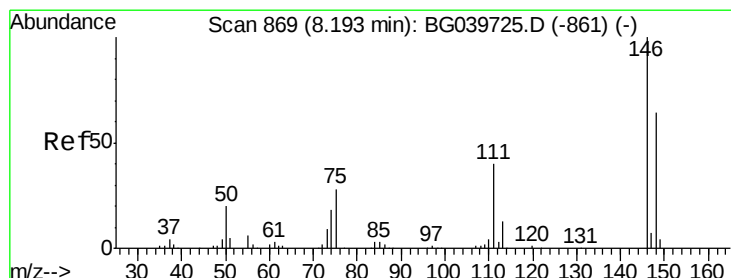
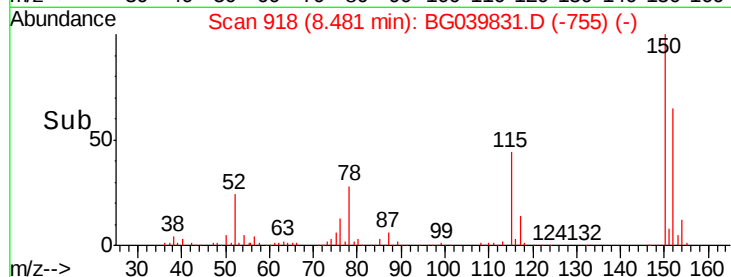
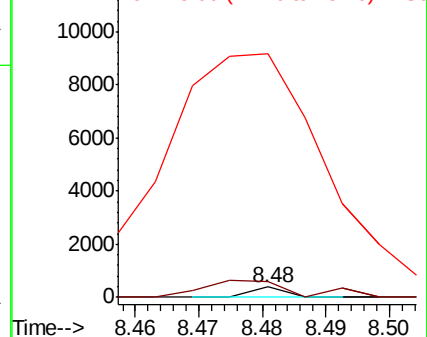


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 0.038 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.28 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

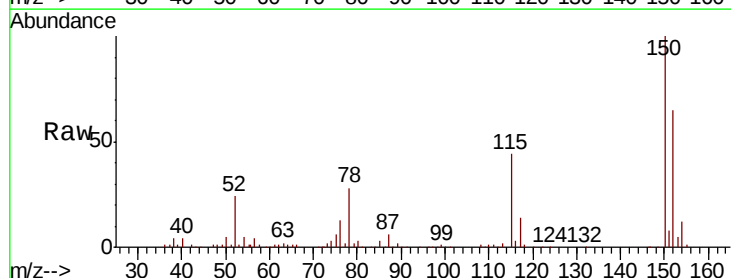
Tgt Ion:146 Resp: 135

Ion Ratio Lower Upper

146 100

148 159.5 51.1 76.7#

111 421.4 32.6 48.8#

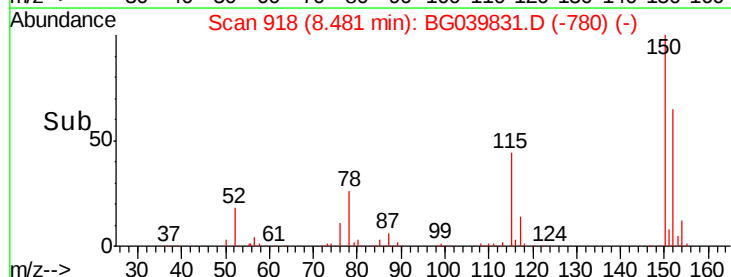
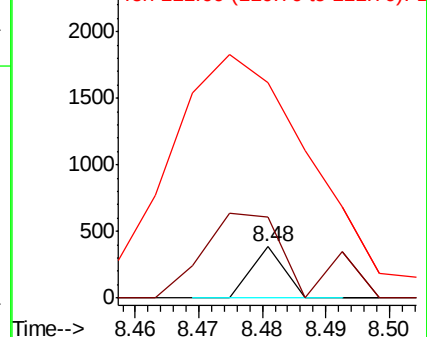


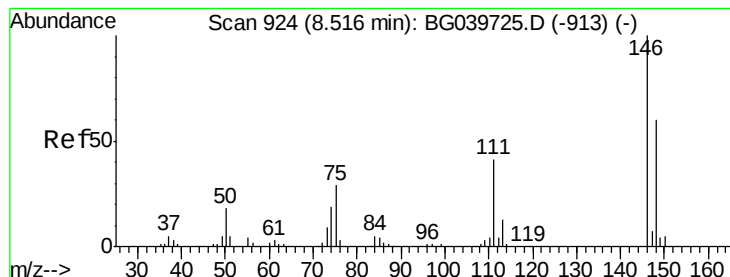
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

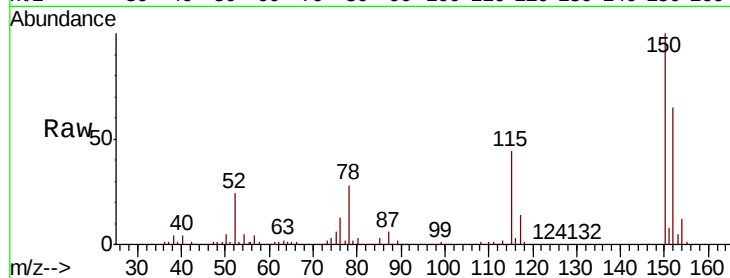




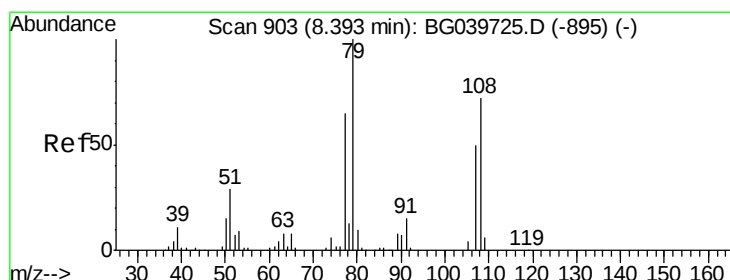
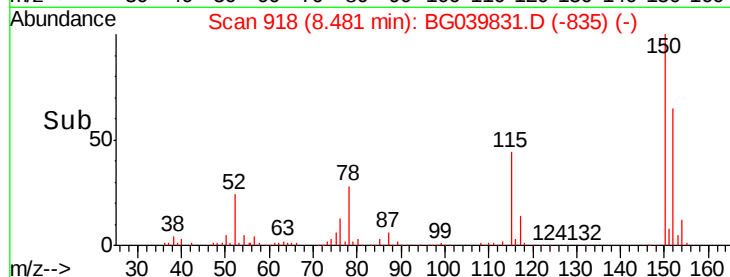
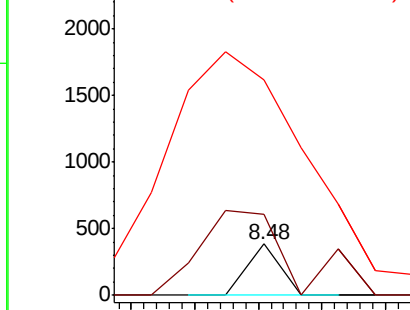
#14
 1,2-Dichlorobenzene
 Concen: 0.040 ng
 RT: 8.48 min Scan# 918
 Delta R.T. -0.04 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 135
 Ion Ratio Lower Upper
 146 100
 148 159.5 51.5 77.3#
 111 421.4 33.8 50.6#

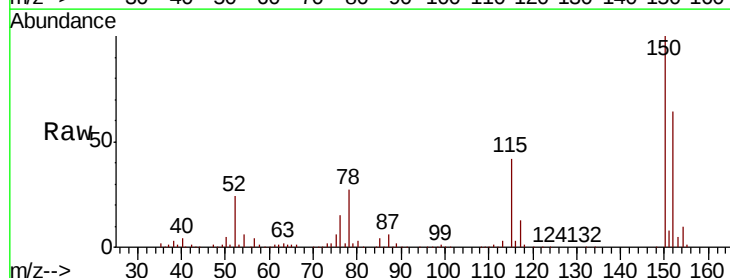


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

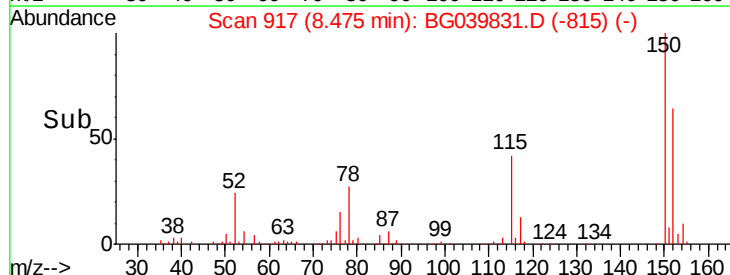
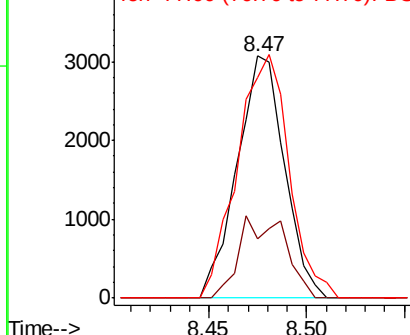


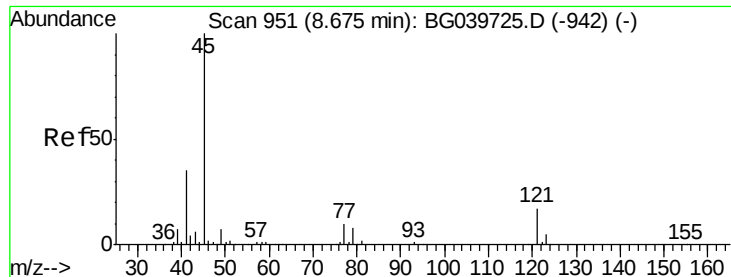
#15
 Benzyl Alcohol
 Concen: 1.729 ng
 RT: 8.47 min Scan# 917
 Delta R.T. 0.07 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

Tgt Ion: 79 Resp: 5173
 Ion Ratio Lower Upper
 79 100
 108 24.8 57.8 86.6#
 77 91.0 51.1 76.7#



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

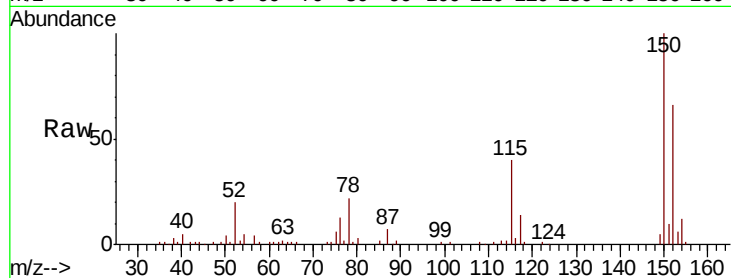




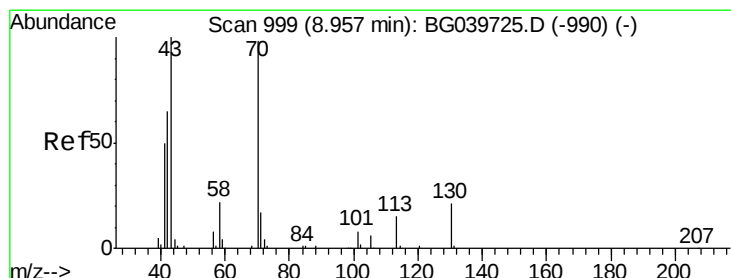
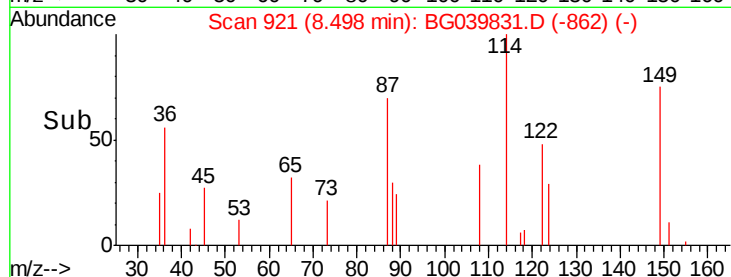
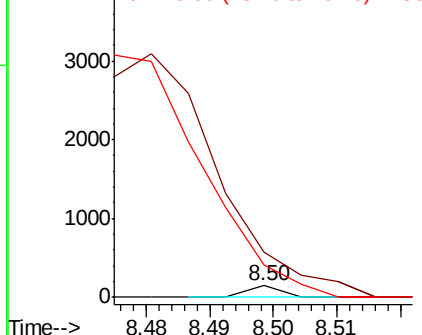
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.008 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.18 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Instrument :
BNA_G
ClientSampled :

Tot Ion: 45 Resp: 53
Ion Ratio Lower Upper
45 100
77 379.3 0.0 30.0#
79 273.3 0.0 27.5#

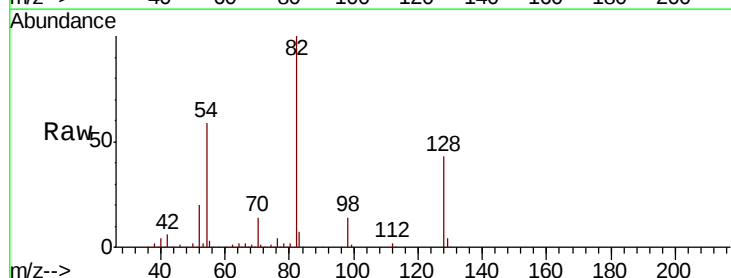


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

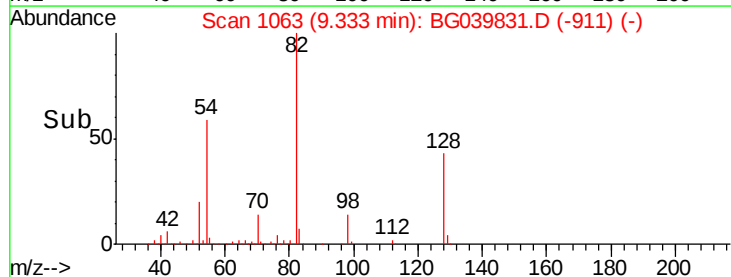
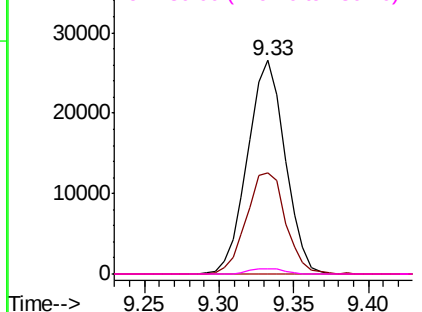


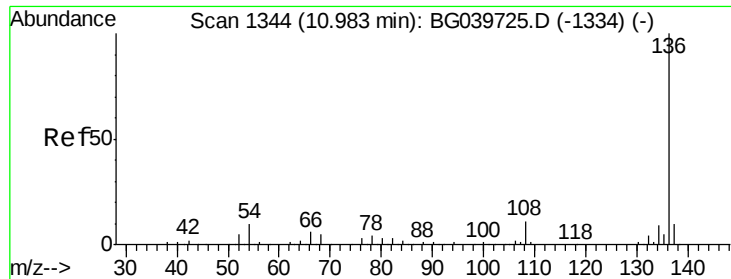
#19
n-Nitroso-di-n-propylamine
Concen: 17.045 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Tgt Ion: 70 Resp: 46271
Ion Ratio Lower Upper
70 100
42 47.4 60.4 90.6#
101 0.0 7.5 11.3#
130 2.6 16.9 25.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

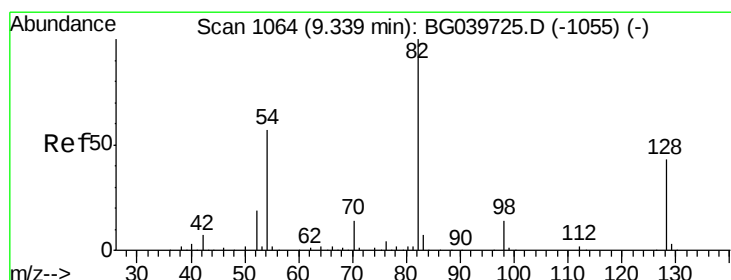
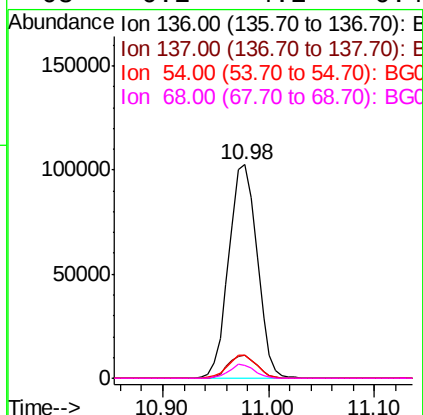
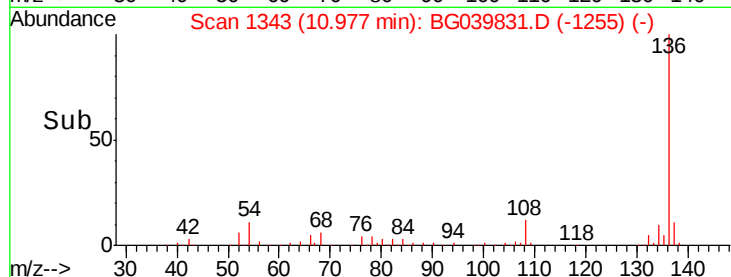
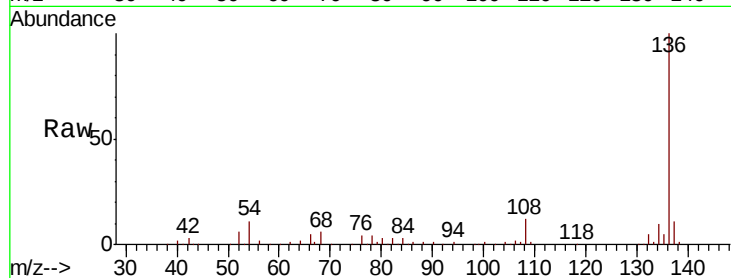




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

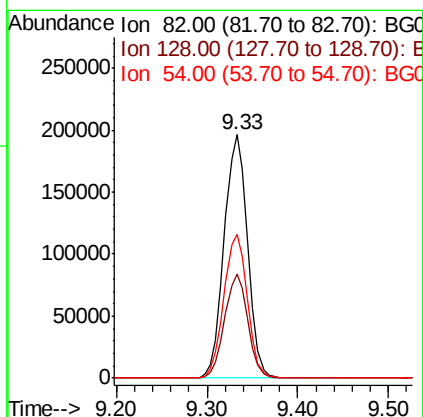
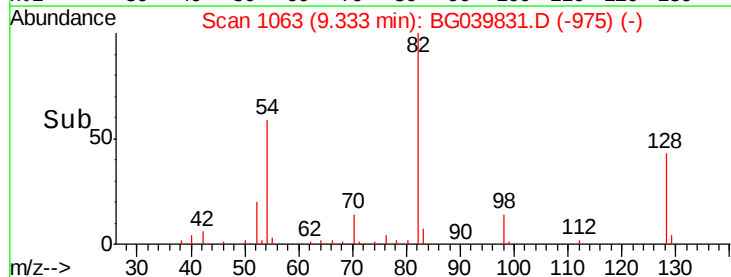
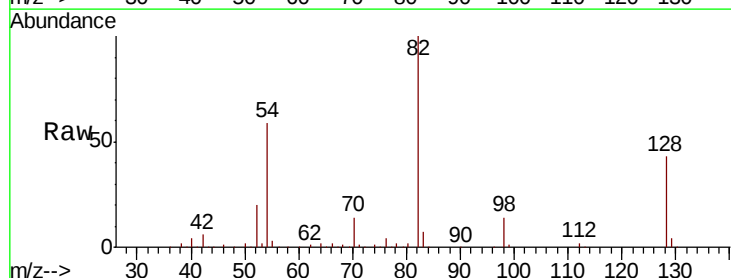
Instrument :
BNA_G
ClientSampleId :

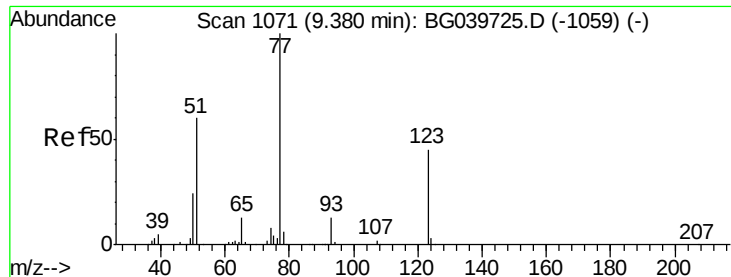
Tot Ion:136	Resp:	190422
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.1 13.7
54	11.0	9.4 14.2
68	6.2	4.2 6.4



#23
Nitrobenzene-d5
Concen: 99.906 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Tgt Ion: 82	Resp:	351753
Ion	Ratio	Lower Upper
82	100	
128	42.7	31.3 46.9
54	59.1	50.9 76.3

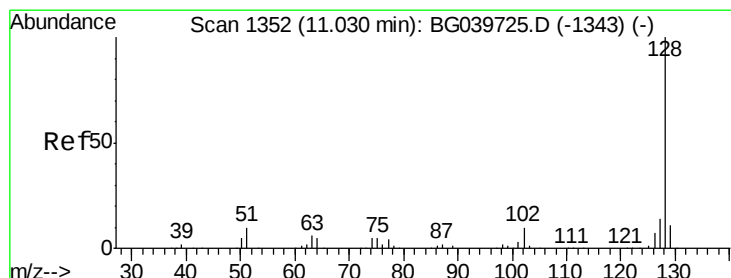
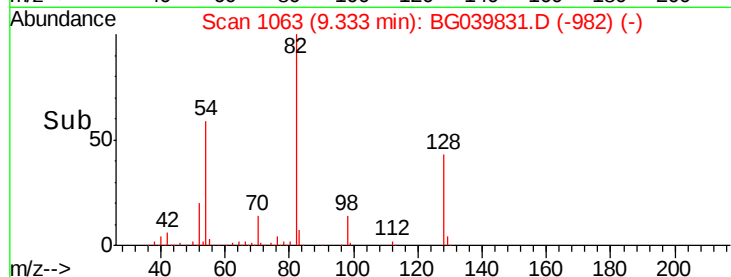
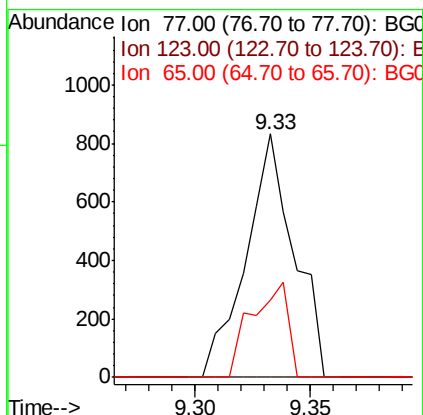
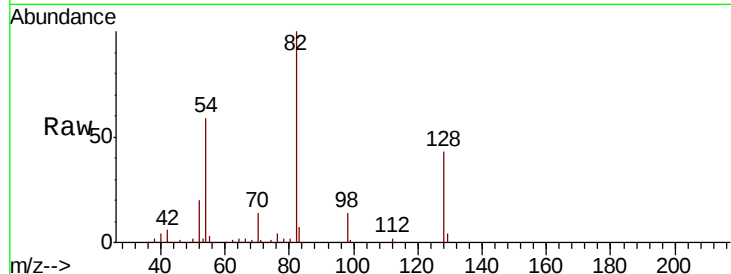




#24
Nitrobenzene
Concen: 0.325 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.05 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

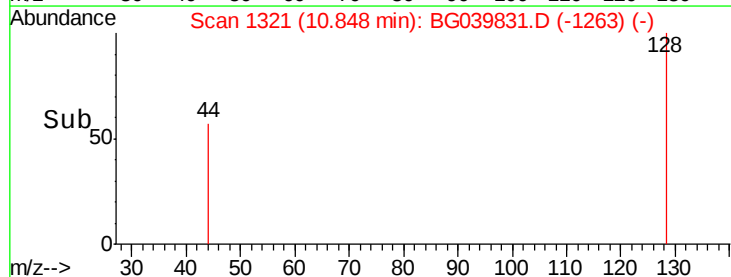
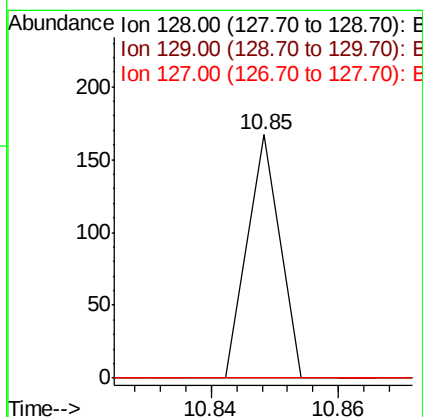
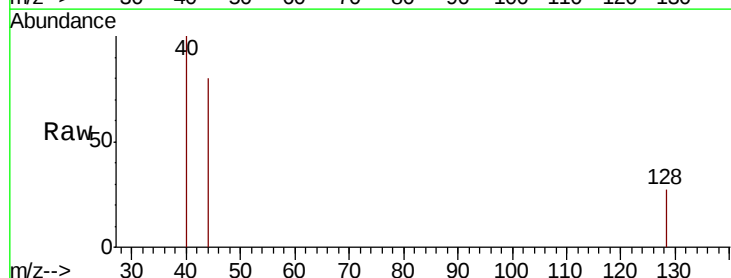
Instrument :
BNA_G
ClientSampleId :

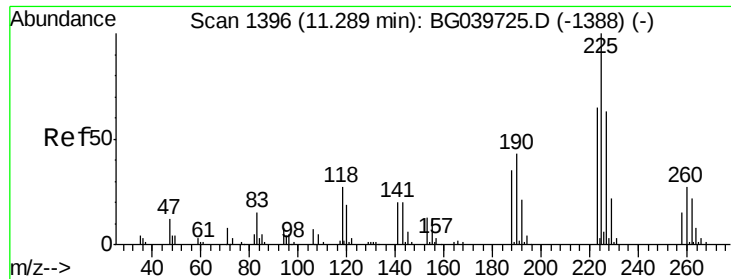
Tot Ion: 77 Resp: 1201
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 31.6 12.3 18.5#



#31
Naphthalene
Concen: 0.006 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.19 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Tgt Ion: 128 Resp: 59
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.8 16.2#

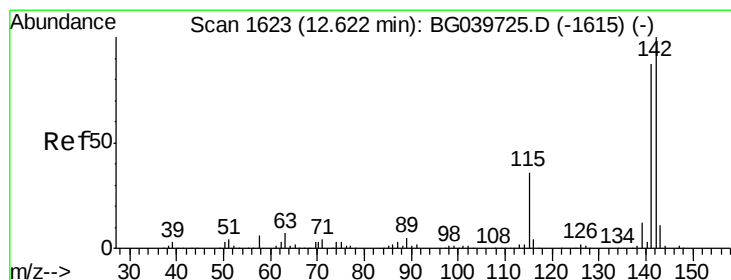
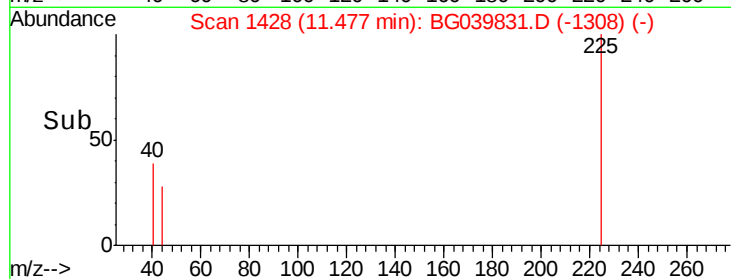
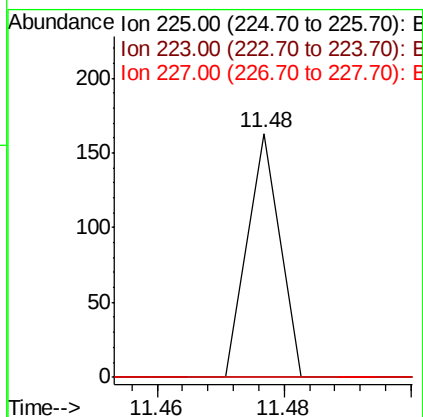
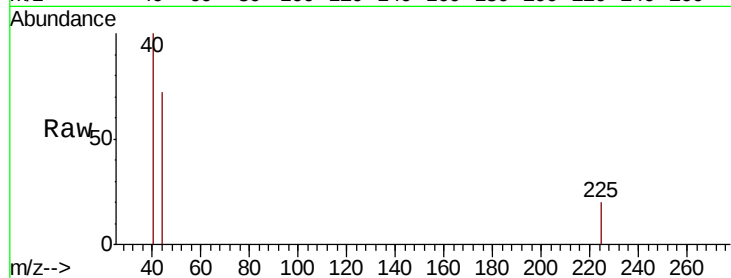




#34
Hexachlorobutadiene
Concen: 0.024 ng
RT: 11.48 min Scan# 1428
Delta R.T. 0.18 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

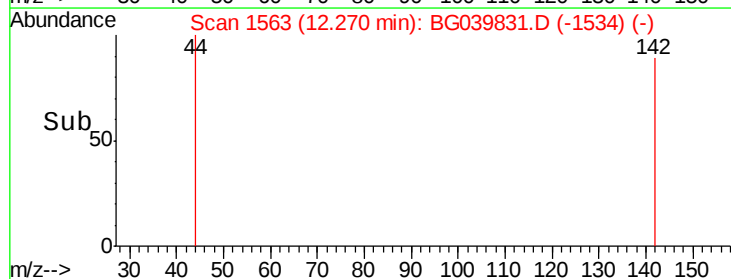
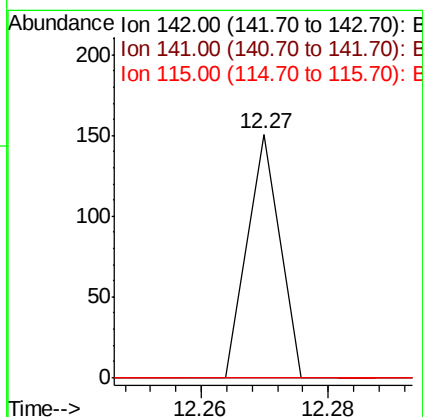
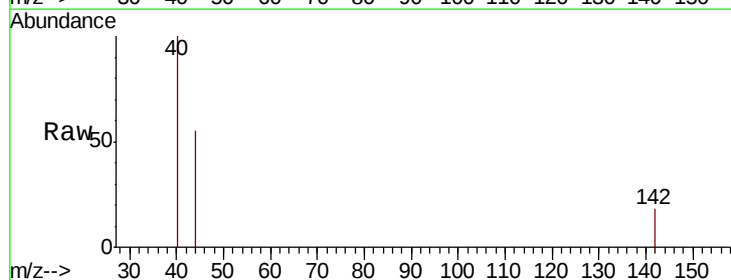
Instrument :
BNA_G
ClientSampleId :

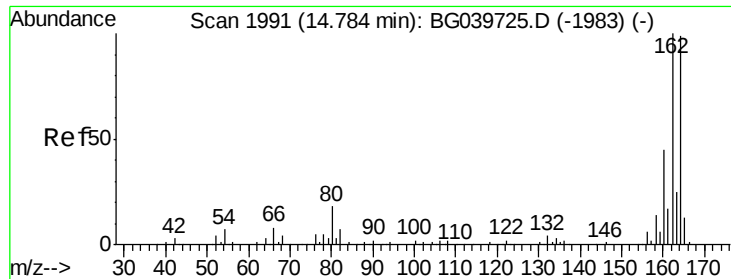
Tot Ion:225 Resp: 57
Ion Ratio Lower Upper
225 100
223 0.0 49.0 73.6#
227 0.0 46.3 69.5#



#37
2-Methylnaphthalene
Concen: 0.007 ng
RT: 12.27 min Scan# 1563
Delta R.T. -0.36 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
141 0.0 73.5 110.3#
115 0.0 30.8 46.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampleId :

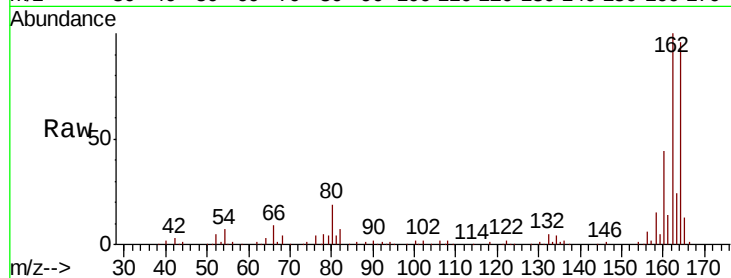
Tot Ion:164 Resp: 138534

Ion Ratio Lower Upper

164 100

162 104.1 81.6 122.4

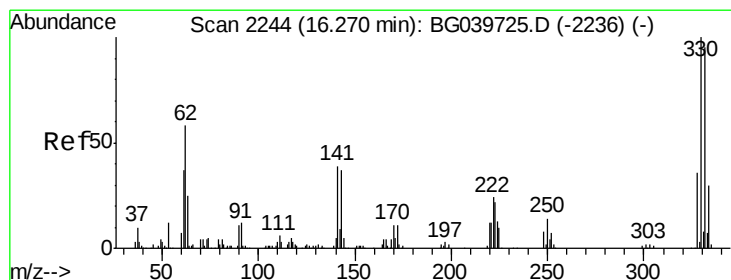
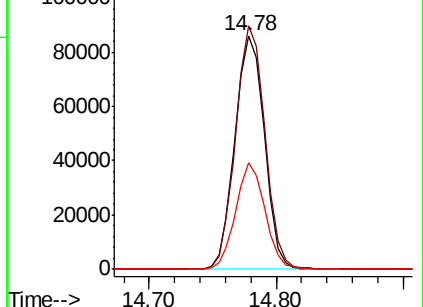
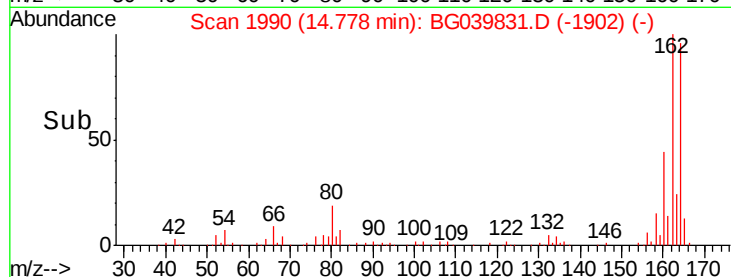
160 45.7 34.2 51.2



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: 146.475 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

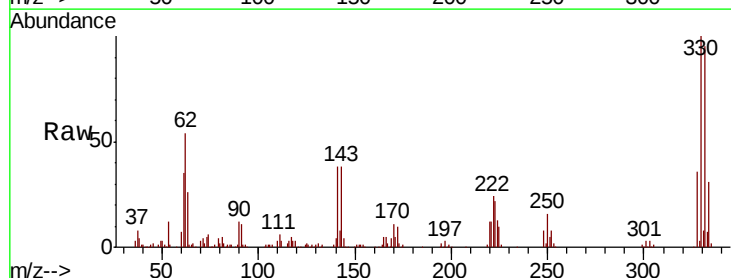
Tgt Ion:330 Resp: 236516

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

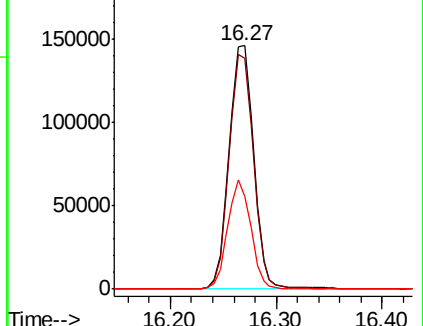
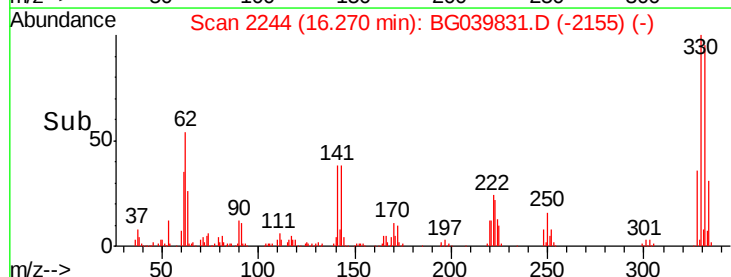
141 42.3 35.6 53.4

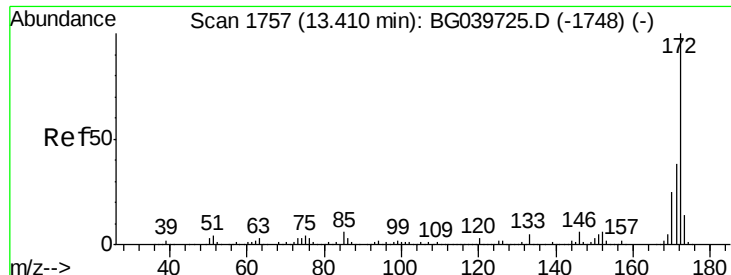


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

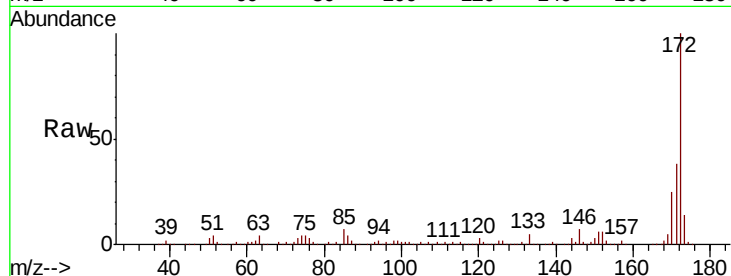




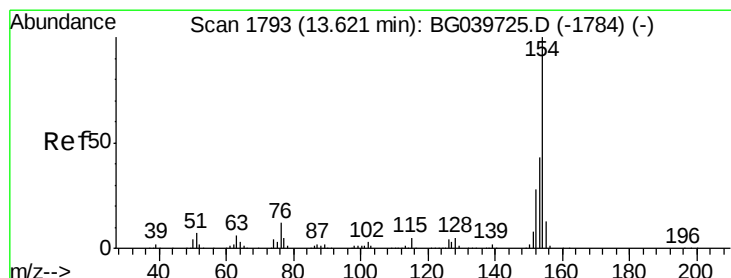
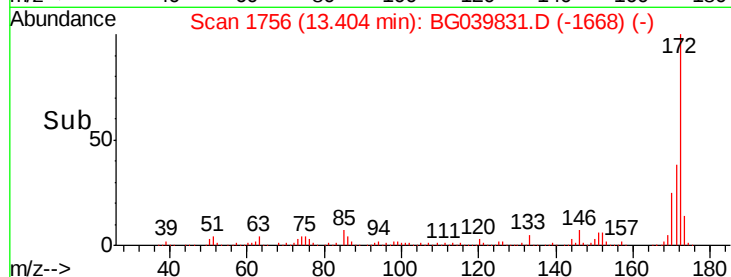
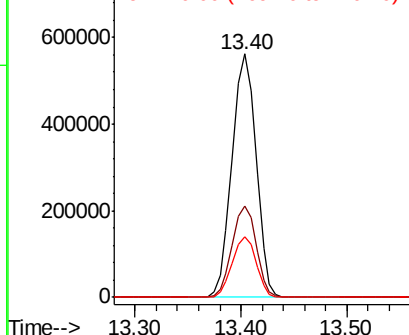
#45
2-Fluorobiphenyl
Concen: 91.203 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 887371
Ion Ratio Lower Upper
172 100
171 37.7 30.8 46.2
170 25.0 20.2 30.4

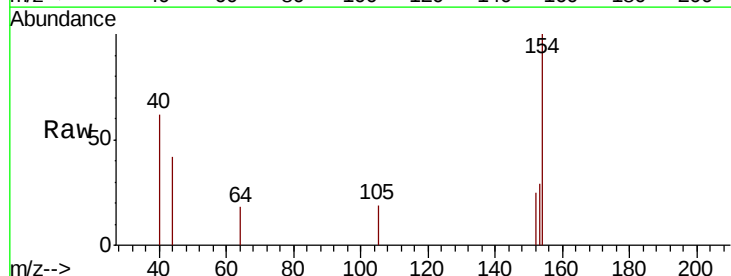


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

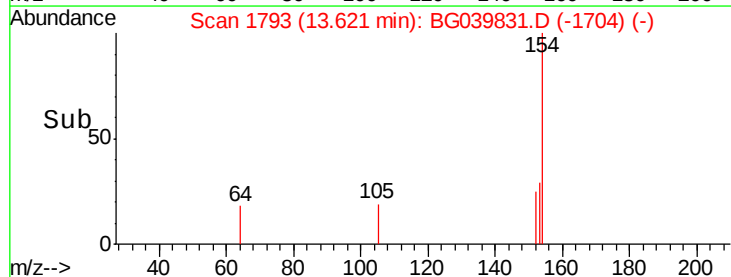
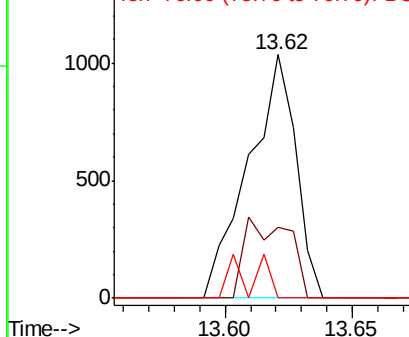


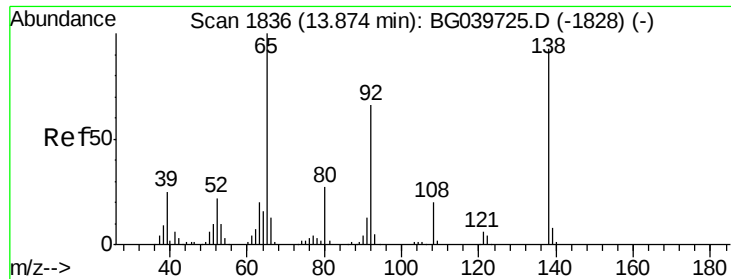
#46
1,1'-Biphenyl
Concen: 0.118 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Tgt Ion:154 Resp: 1350
Ion Ratio Lower Upper
154 100
153 29.0 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

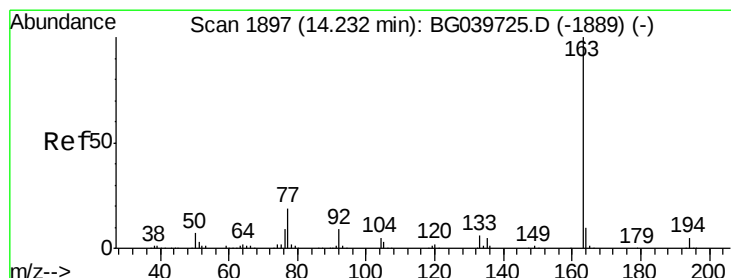
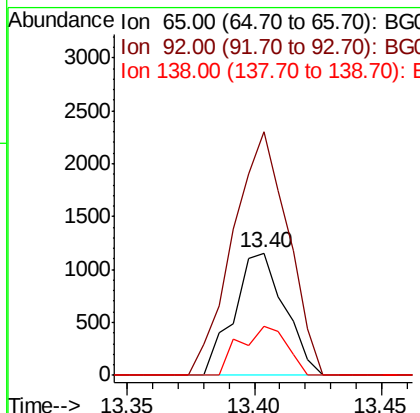
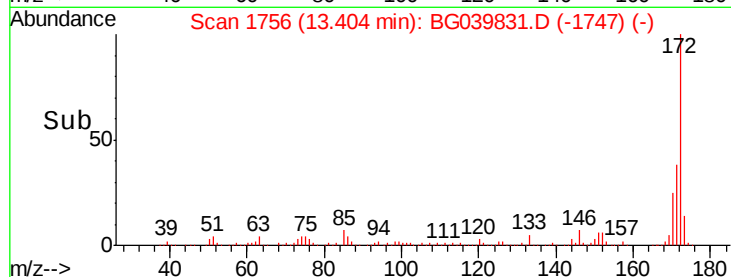
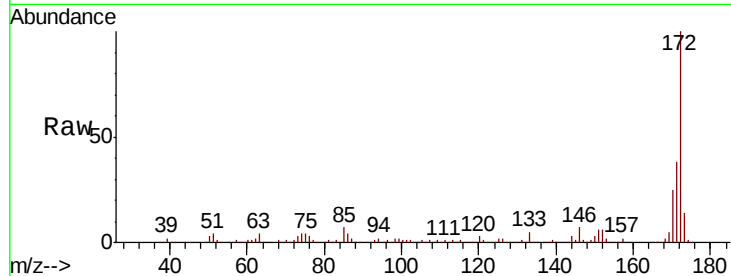




#48
 2-Nitroaniline
 Concen: 0.584 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.48 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

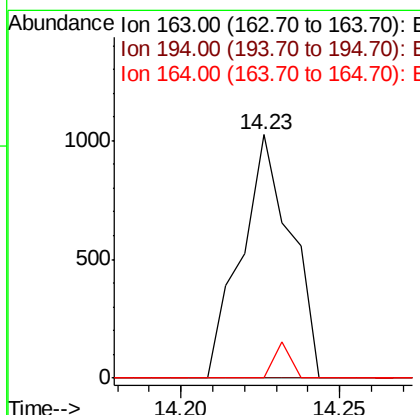
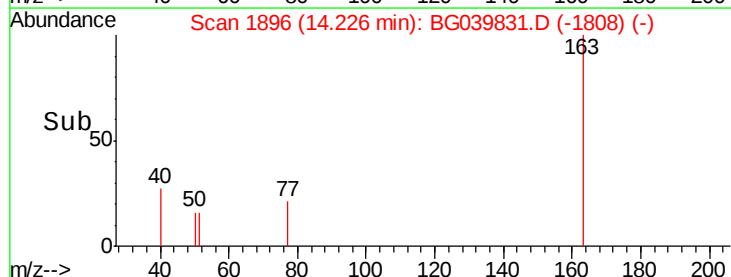
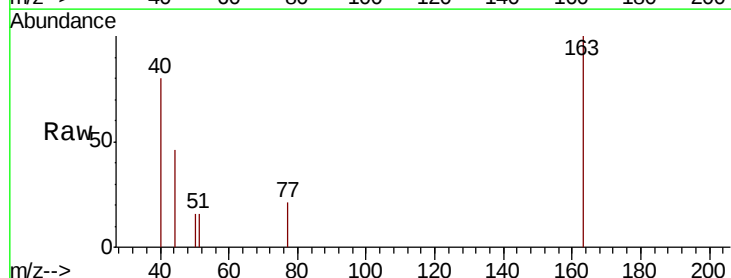
Instrument :
 BNA_G
 ClientSampleId :

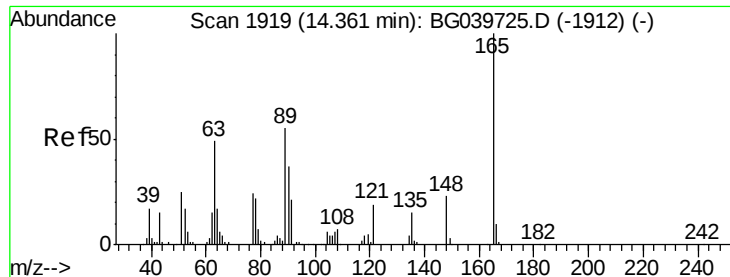
Tot Ion: 65 Resp: 1609
 Ion Ratio Lower Upper
 65 100
 92 198.9 51.4 77.2#
 138 39.9 71.4 107.2#



#50
 Dimethylphthalate
 Concen: 0.096 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

Tgt Ion:163 Resp: 1113
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.6 5.4#
 164 0.0 8.4 12.6#





#51

2,6-Dinitrotoluene

Concen: 7.291 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.41 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampleId :

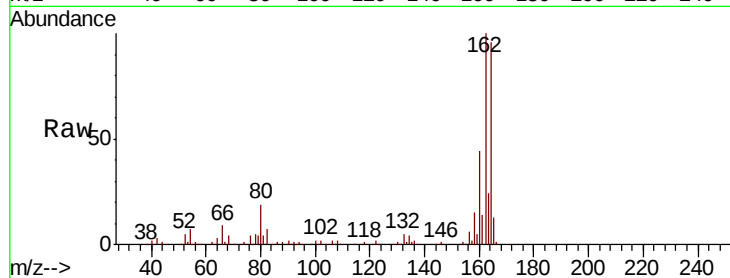
Tot Ion:165 Resp: 17906

Ion Ratio Lower Upper

165 100

63 2.6 47.0 70.6#

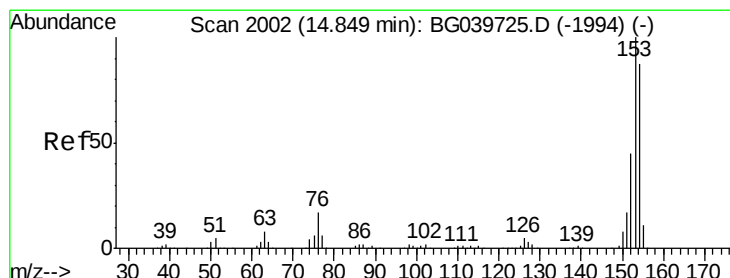
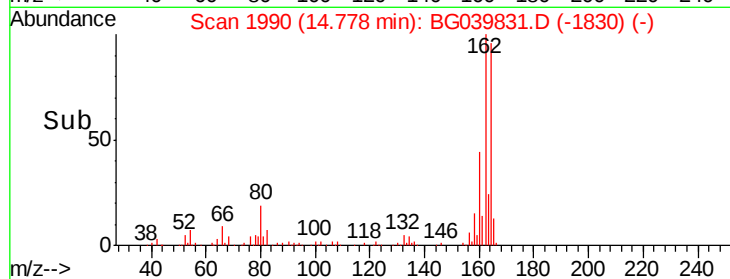
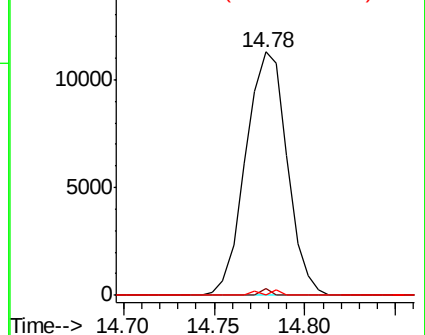
89 0.0 45.8 68.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 0.079 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.08 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

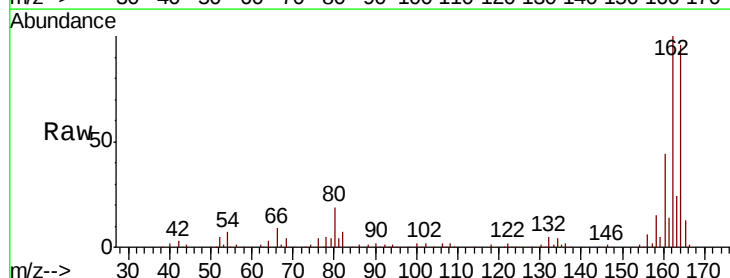
Tgt Ion:154 Resp: 669

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

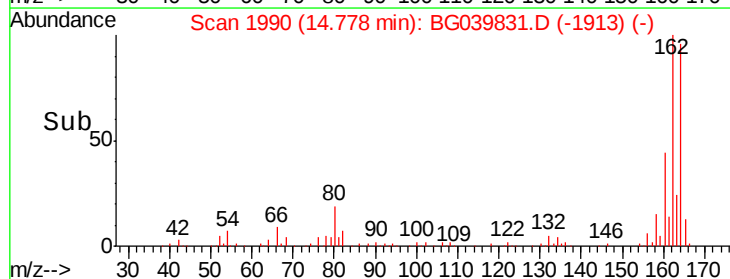
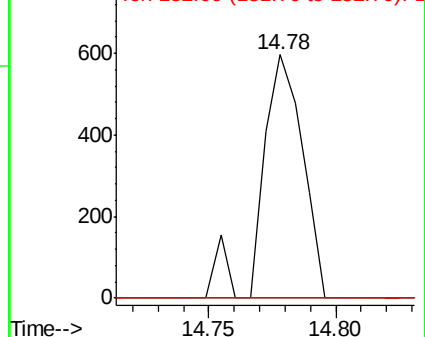
152 0.0 40.9 61.3#

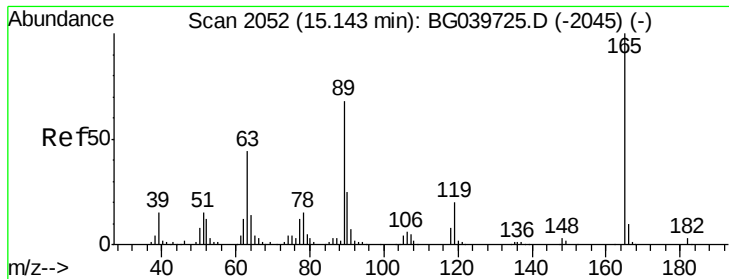


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

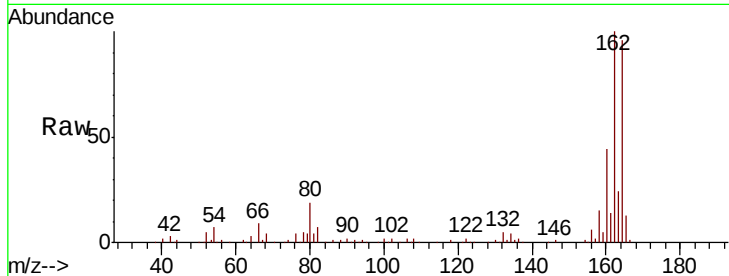




#57
 2,4-Dinitrotoluene
 Concen: 5.189 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



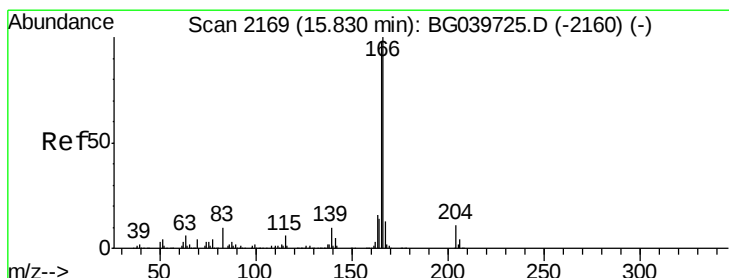
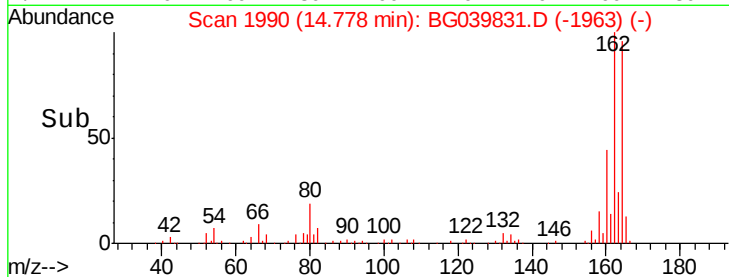
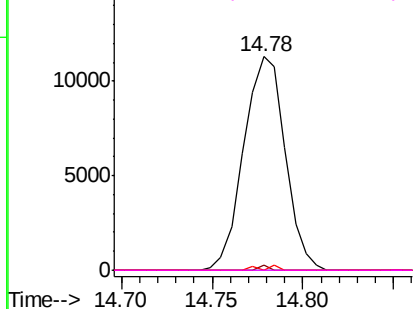
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

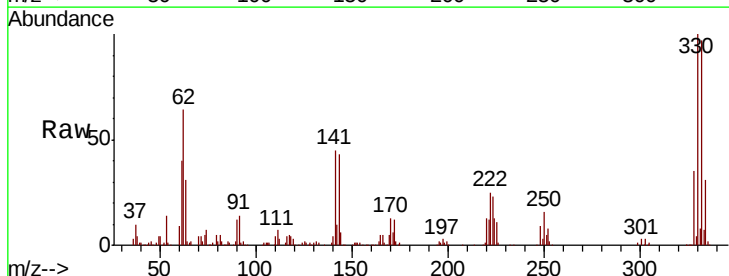
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 0.979 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.43 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.9	116.9
167	31.1	10.8	16.2#

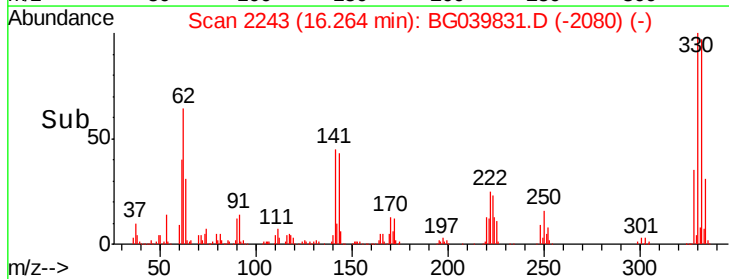
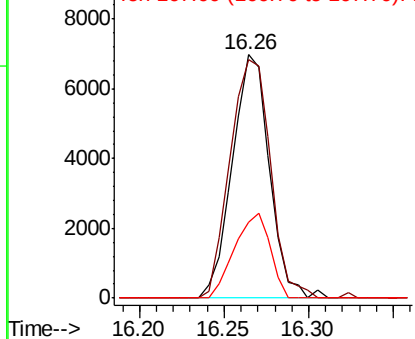


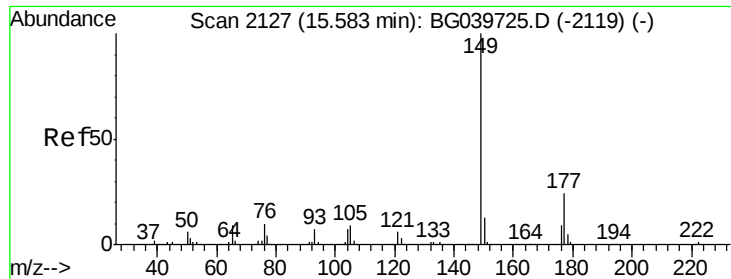
Abundance

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

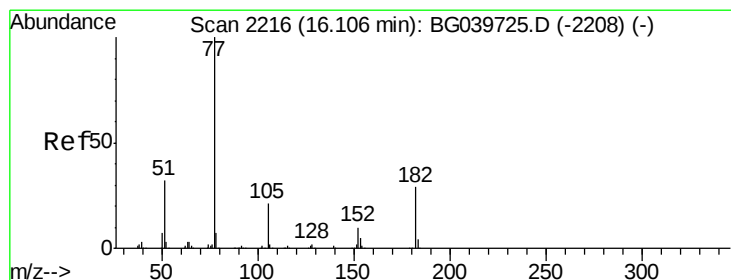
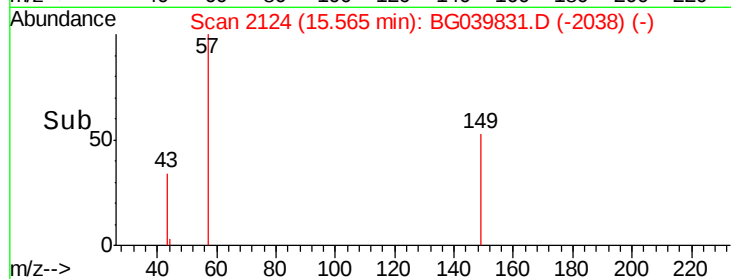
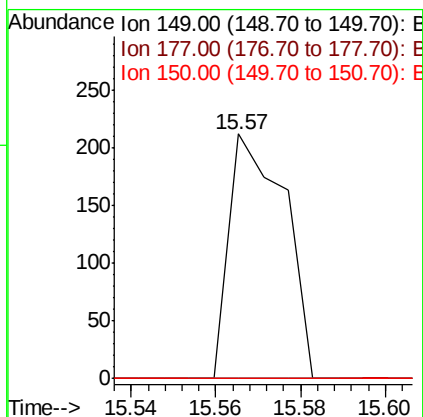
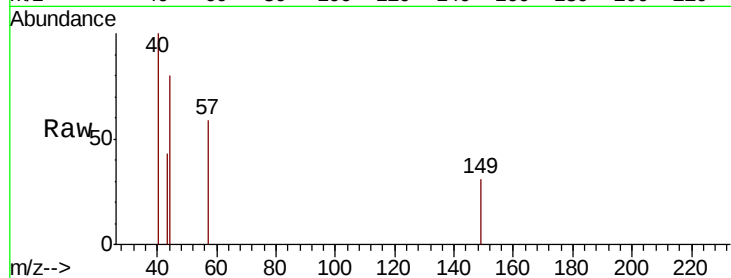




#60
Diethylphthalate
Concen: 0.017 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

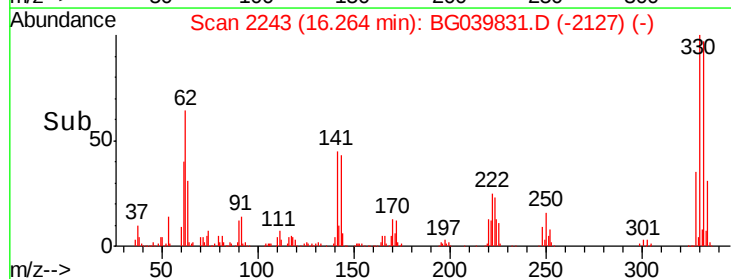
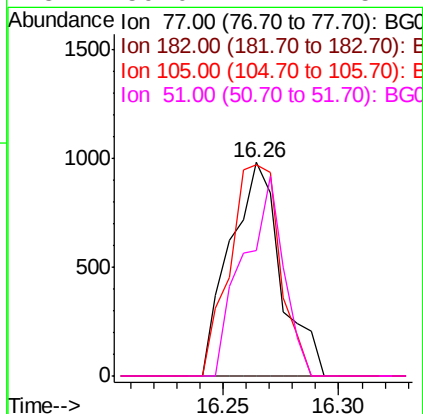
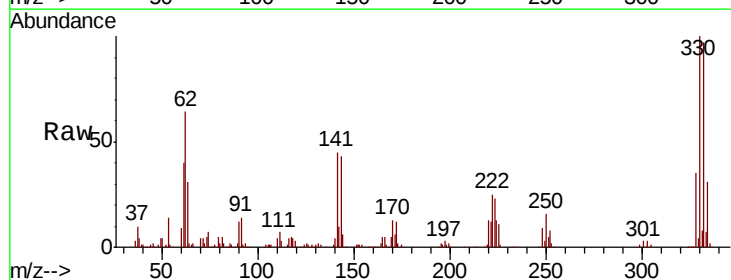
Instrument :
BNA_G
ClientSampleId :

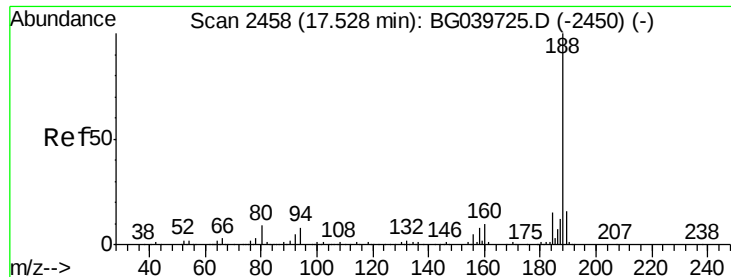
Tot Ion:149 Resp: 193
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.145 ng
RT: 16.26 min Scan# 2243
Delta R.T. 0.15 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Tgt Ion: 77 Resp: 1510
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 99.0 0.0 39.8#
51 59.0 14.1 54.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampleId :

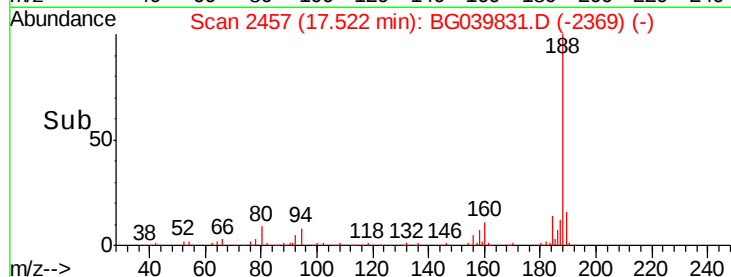
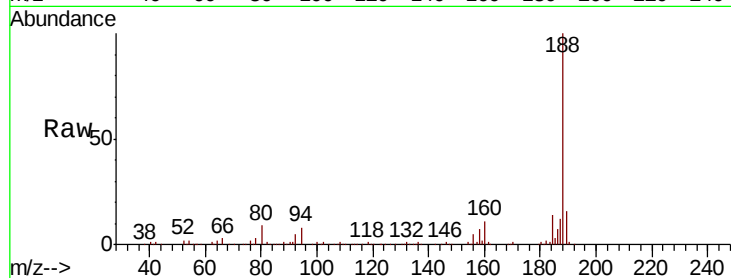
Tot Ion:188 Resp: 340390

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

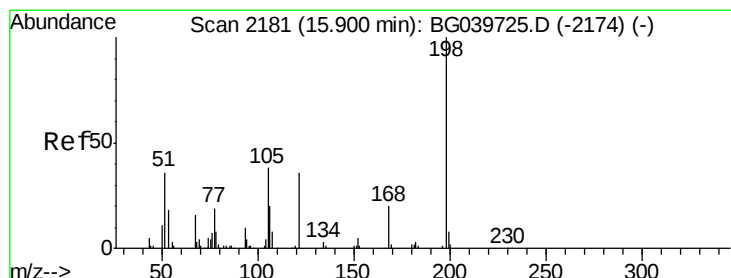
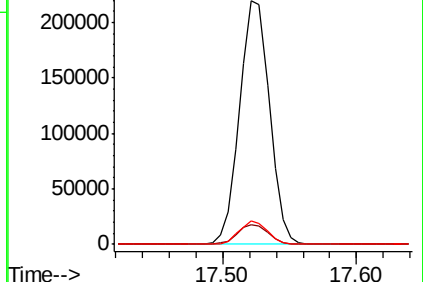
80 9.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#65

4,6-Dinitro-2-methylphenol

Concen: 0.440 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.36 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

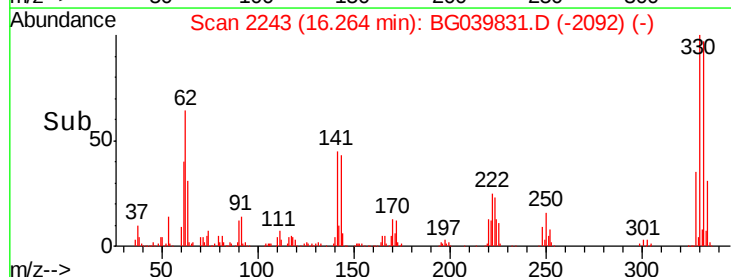
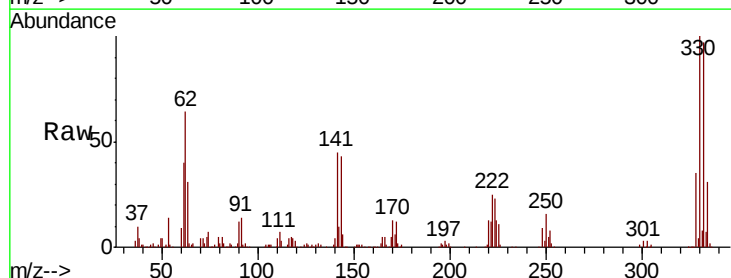
Tgt Ion:198 Resp: 886

Ion Ratio Lower Upper

198 100

51 79.7 27.4 67.4#

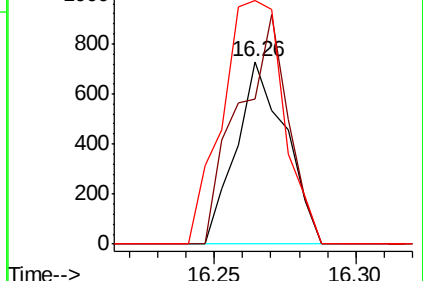
105 133.7 19.7 59.7#

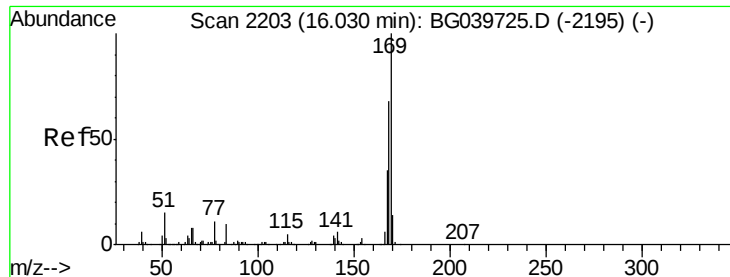


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

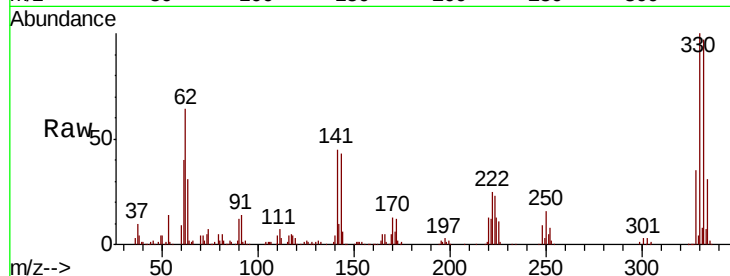




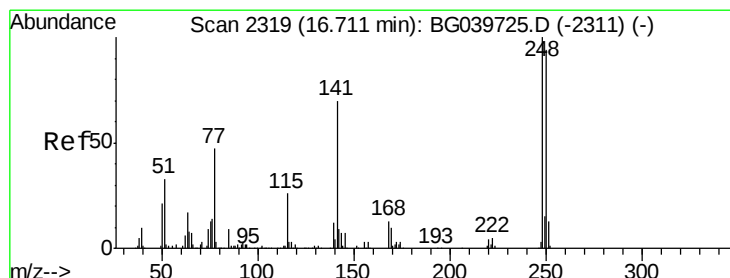
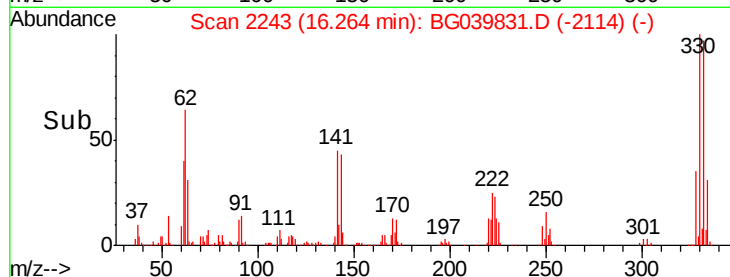
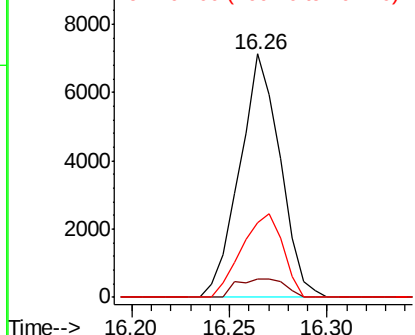
#66
 n-Nitrosodiphenylamine
 Concen: 1.037 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 10220
 Ion Ratio Lower Upper
 169 100
 168 7.6 56.6 85.0#
 167 30.4 28.8 43.2

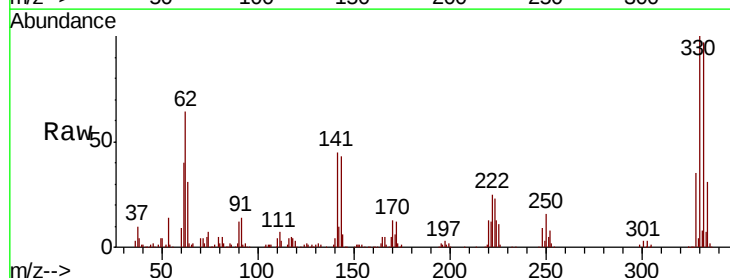


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

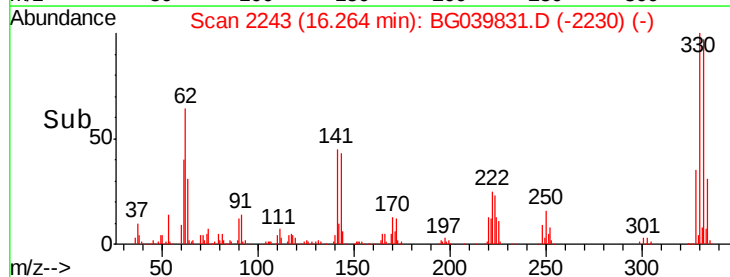
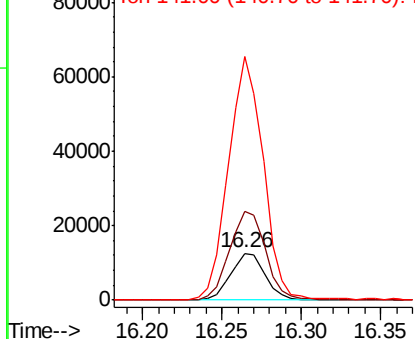


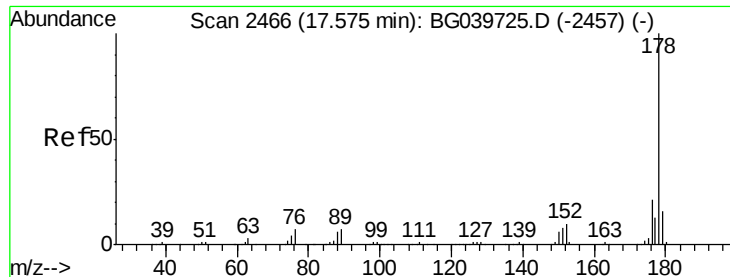
#67
 4-Bromophenyl-phenylether
 Concen: 4.965 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

Tgt Ion:248 Resp: 18917
 Ion Ratio Lower Upper
 248 100
 250 189.3 77.6 116.4#
 141 519.9 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: 0.012 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampled :

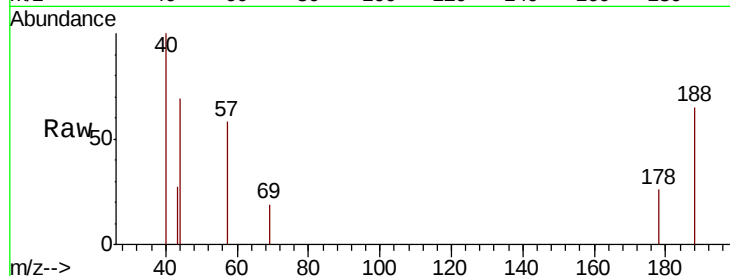
Tot Ion:178 Resp: 222

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

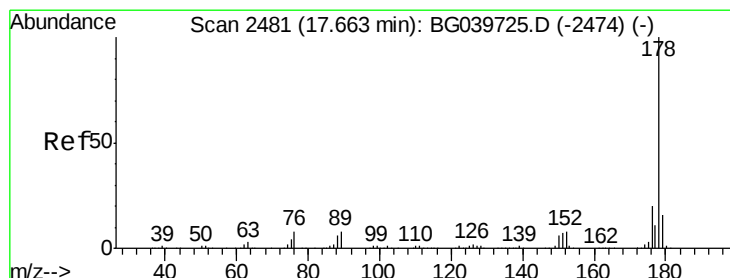
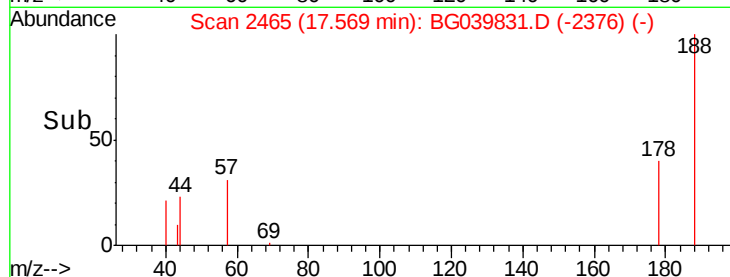
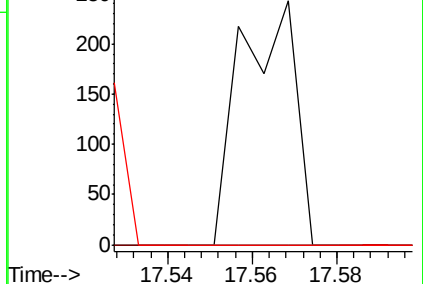
179 0.0 12.6 19.0#



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: 0.012 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.10 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

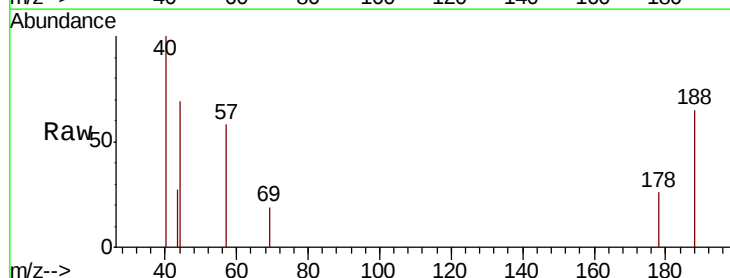
Tgt Ion:178 Resp: 222

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

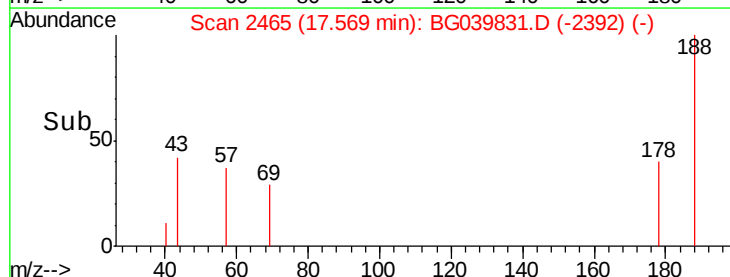
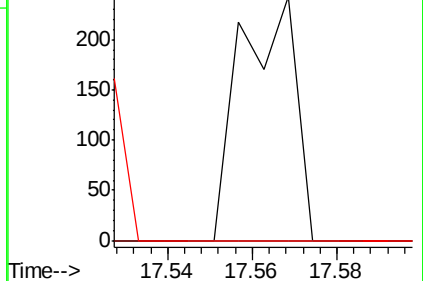
179 0.0 12.5 18.7#

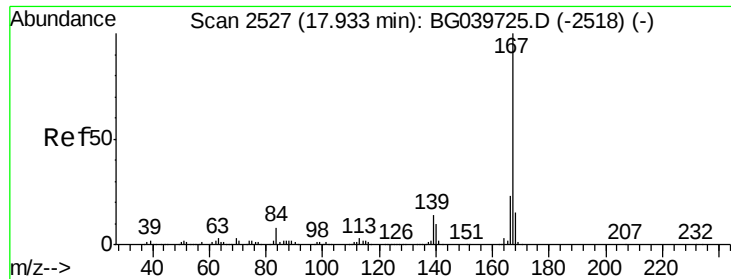


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

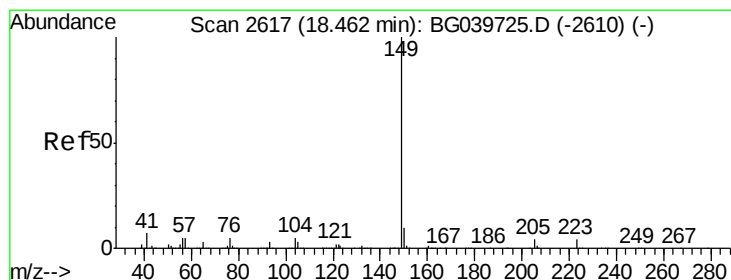
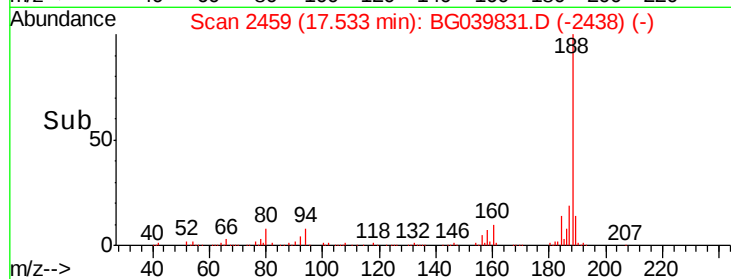
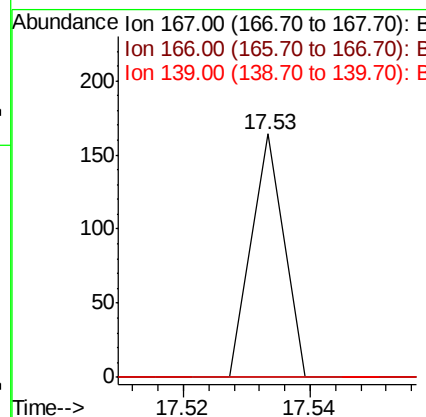
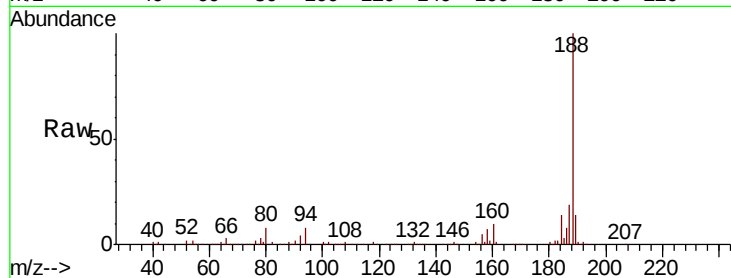




#73
 Carbazole
 Concen: 0.004 ng
 RT: 17.53 min Scan# 2459
 Delta R.T. -0.41 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

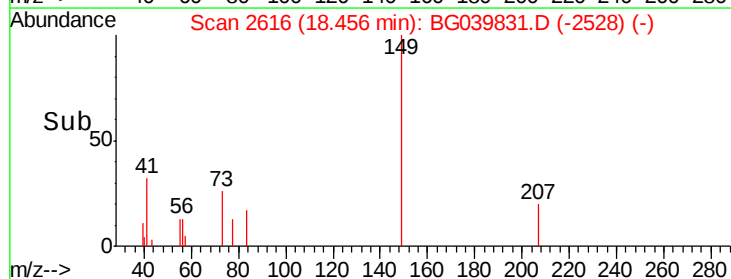
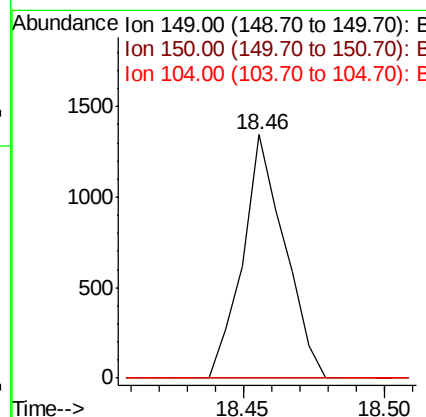
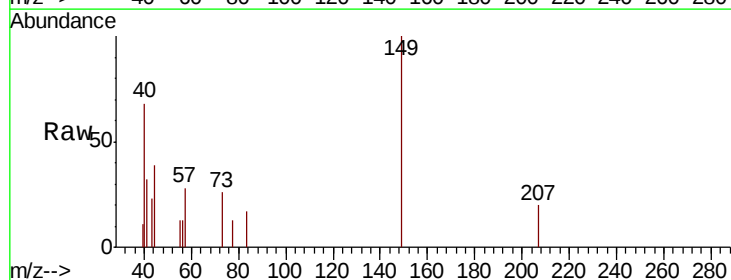
Instrument :
 BNA_G
 ClientSampleId :

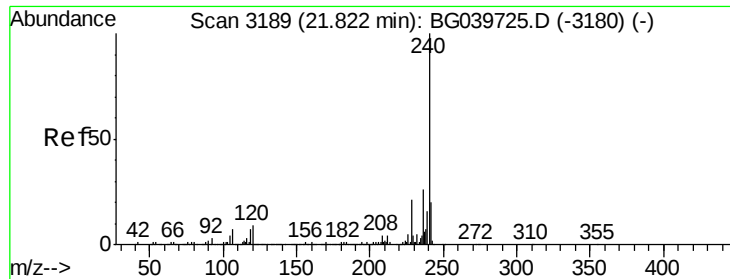
Tot Ion	Ratio	Lower	Upper
167	100		
166	0.0	19.4	29.2#
139	0.0	10.8	16.2#



#74
 Di-n-butylphthalate
 Concen: 0.072 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.5	6.7#

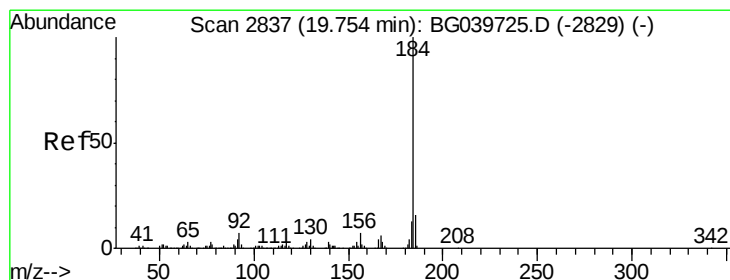
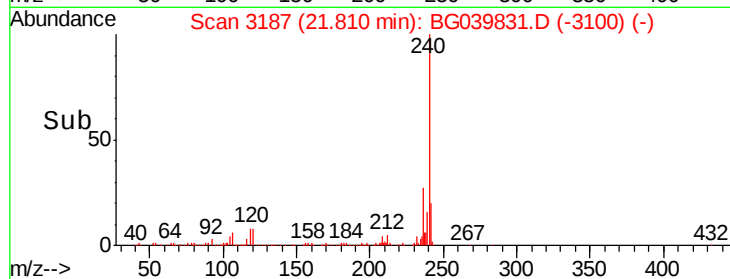
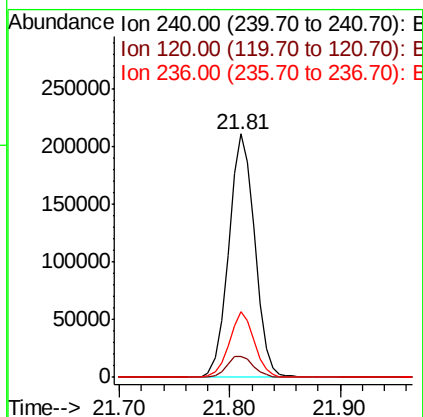
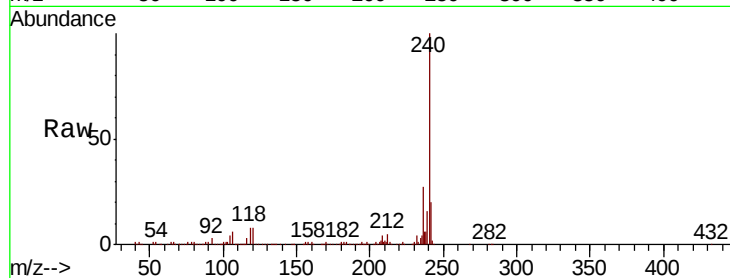




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.02 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

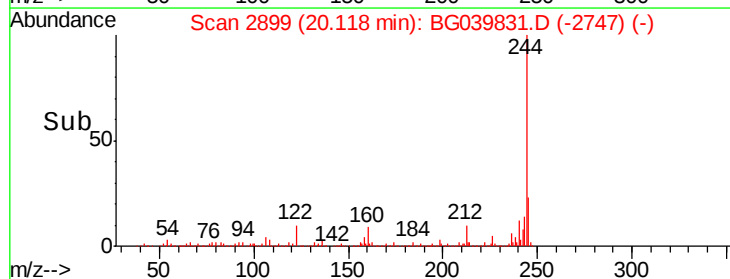
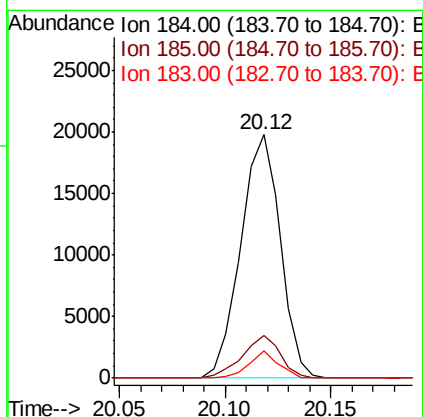
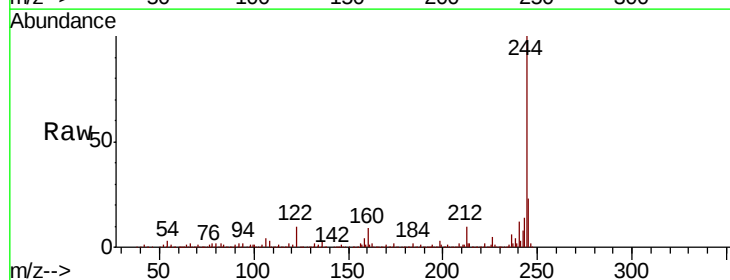
Instrument :
 BNA_G
 ClientSampled :

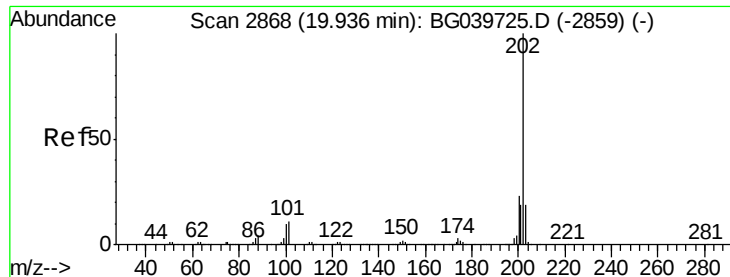
Tot Ion:240 Resp: 347008
 Ion Ratio Lower Upper
 240 100
 120 8.4 7.0 10.6
 236 27.1 21.0 31.4



#77
 Benzidine
 Concen: 2.324 ng
 RT: 20.12 min Scan# 2899
 Delta R.T. 0.36 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

Tgt Ion:184 Resp: 25593
 Ion Ratio Lower Upper
 184 100
 185 17.4 12.2 18.2
 183 11.0 10.6 15.8





#78

Pvrene

Concen: 0.262 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.18 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampleId :

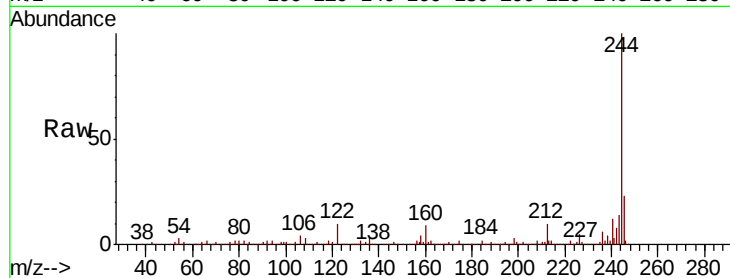
Tot Ion:202 Resp: 5912

Ion Ratio Lower Upper

202 100

200 38.5 17.8 26.8#

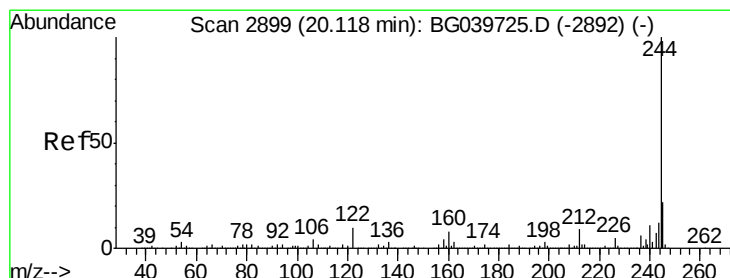
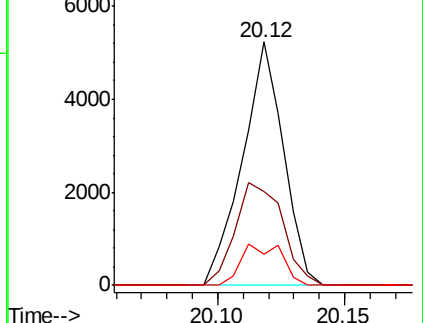
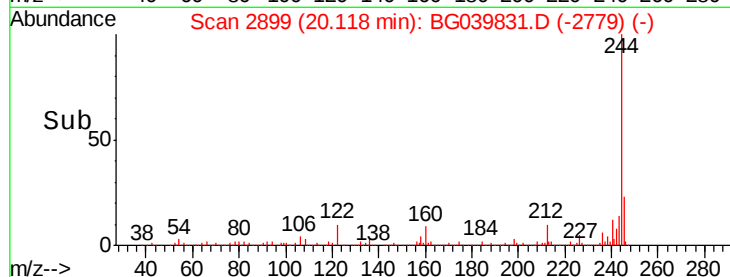
203 12.8 15.3 22.9#



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: 89.440 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

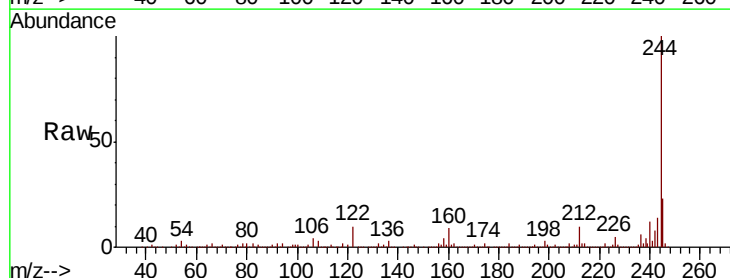
Tgt Ion:244 Resp: 1409581

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

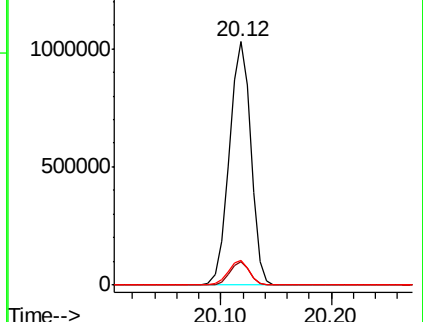
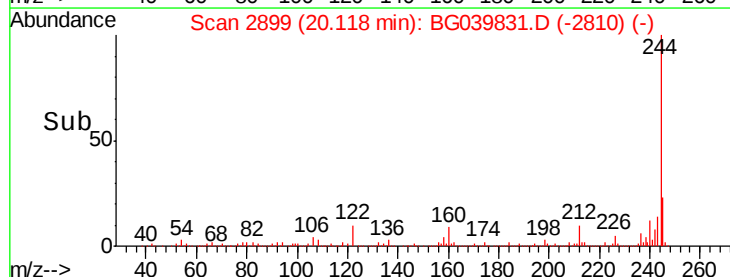
122 10.3 8.4 12.6

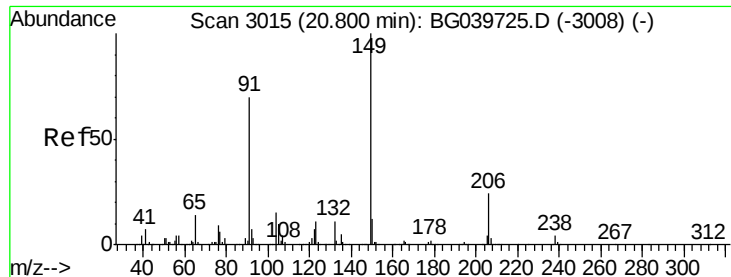


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

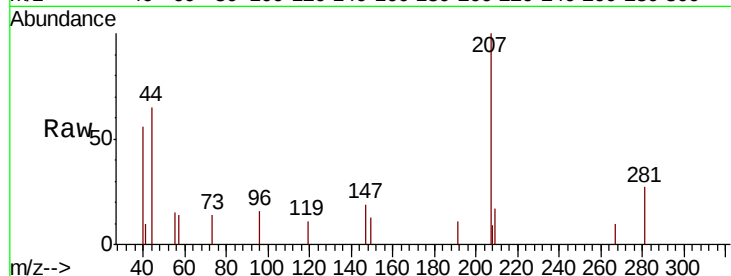




#80
Butylbenzylphthalate
Concen: 0.009 ng
RT: 20.65 min Scan# 2990
Delta R.T. -0.15 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#

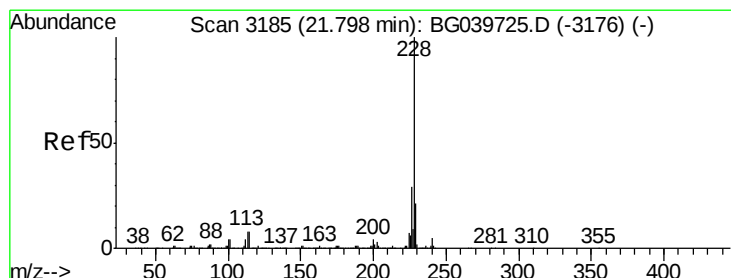
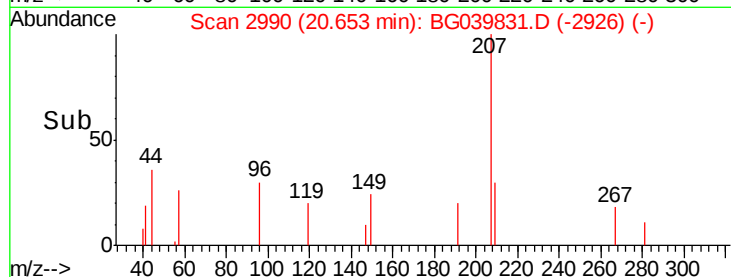
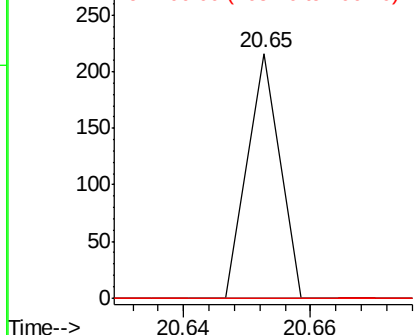


Abundance

Ion 149.00 (148.70 to 149.70): E

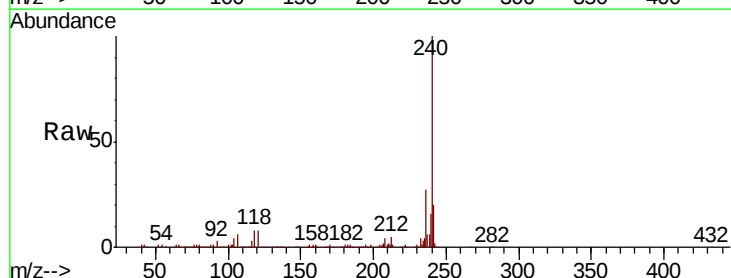
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#81
Benzo(a)anthracene
Concen: 0.041 ng
RT: 21.81 min Scan# 3187
Delta R.T. 0.01 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	30.5	16.9	25.3#

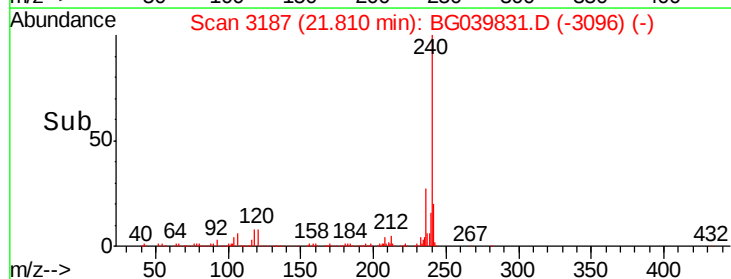
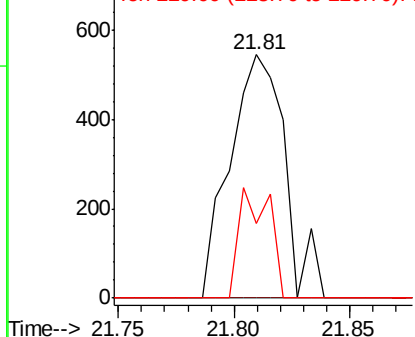


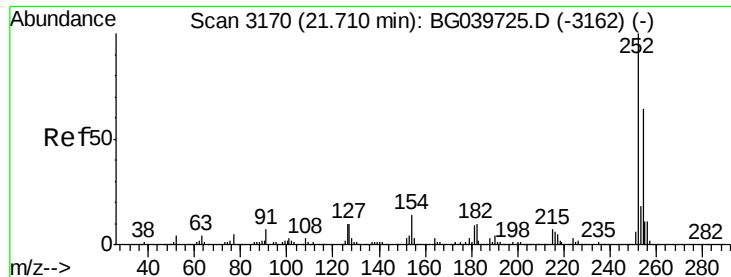
Abundance

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





#82

3,3'-Dichlorobenzidine

Concen: 0.007 ng

RT: 21.92 min Scan# 3205

Delta R.T. 0.20 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampled :

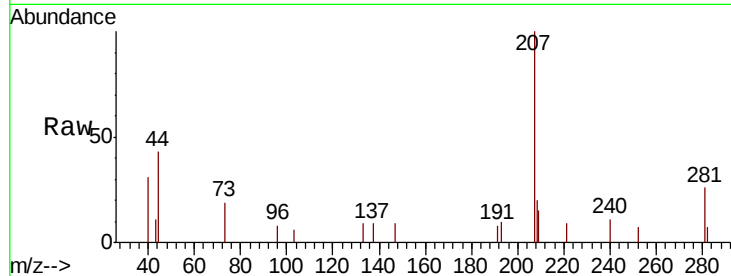
Tot Ion:252 Resp: 57

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

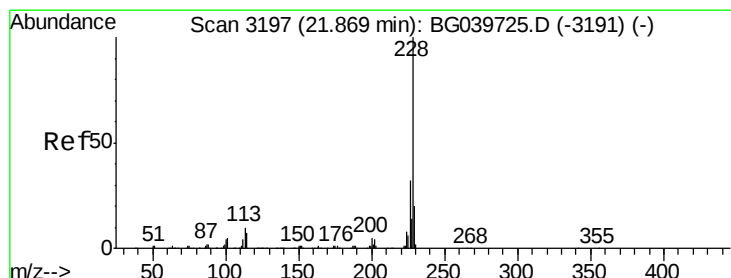
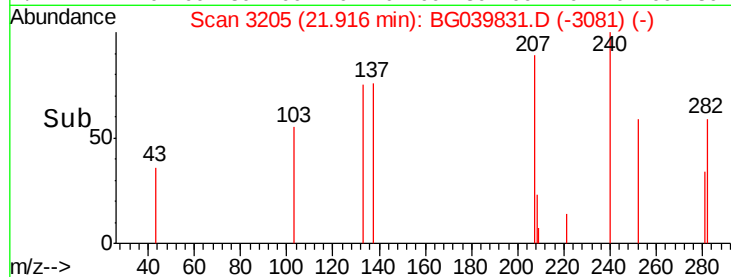
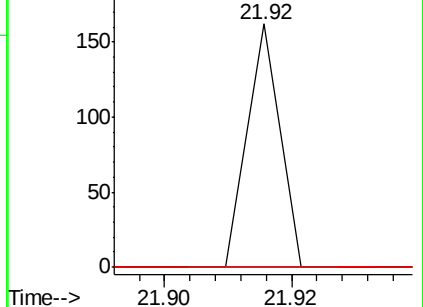
126 0.0 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.043 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.07 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

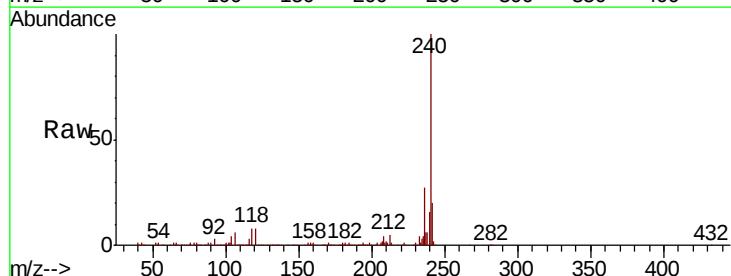
Tgt Ion:228 Resp: 902

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

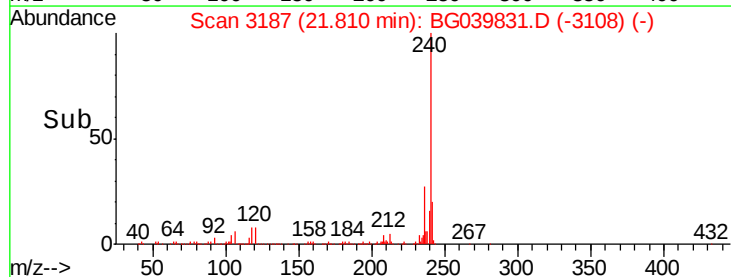
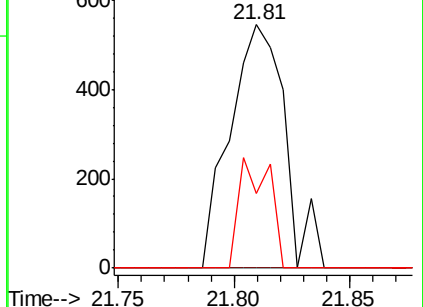
229 30.5 16.6 25.0#

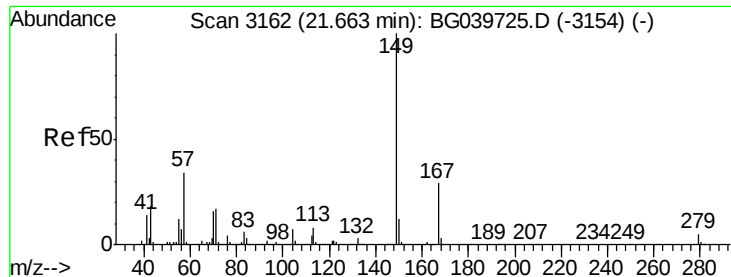


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.233 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampled :

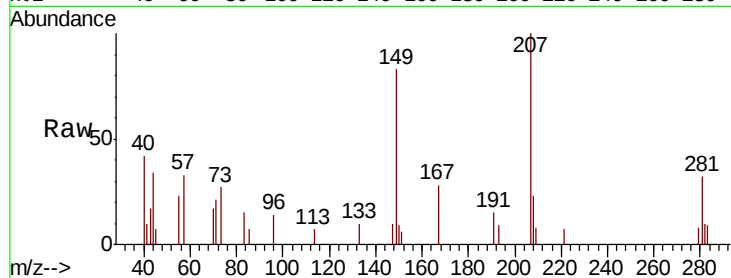
Tot Ion:149 Resp: 2855

Ion Ratio Lower Upper

149 100

167 34.0 22.6 34.0#

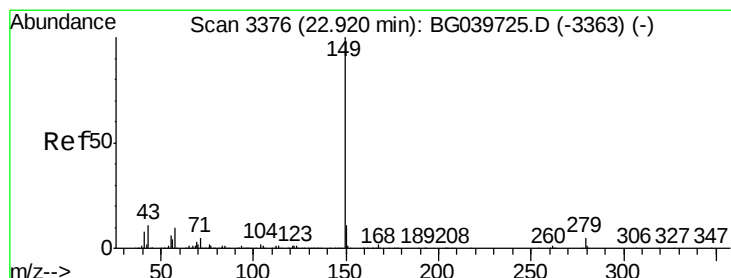
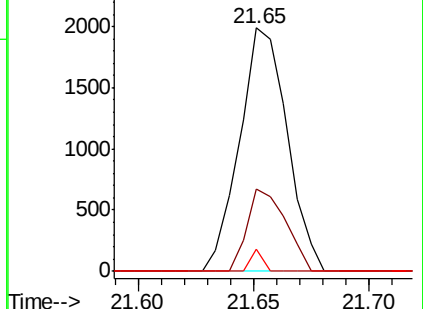
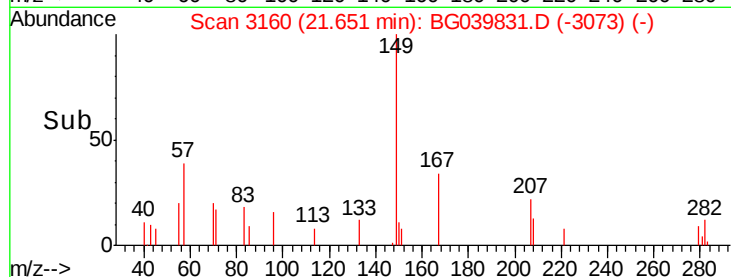
279 9.1 3.5 5.3#



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: 0.003 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.02 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

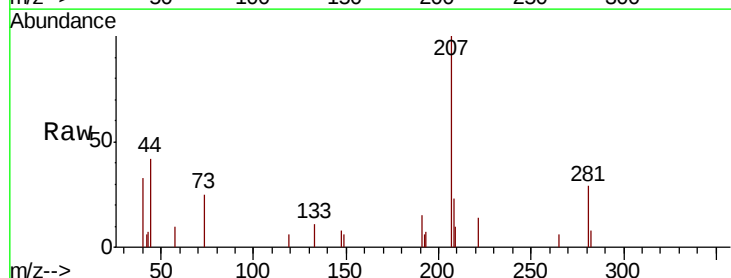
Tgt Ion:149 Resp: 59

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

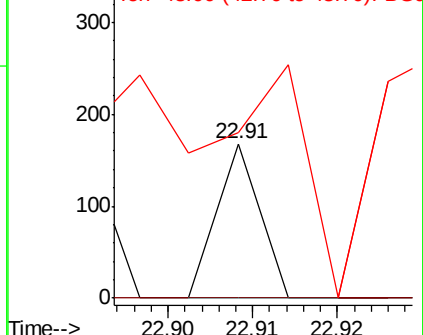
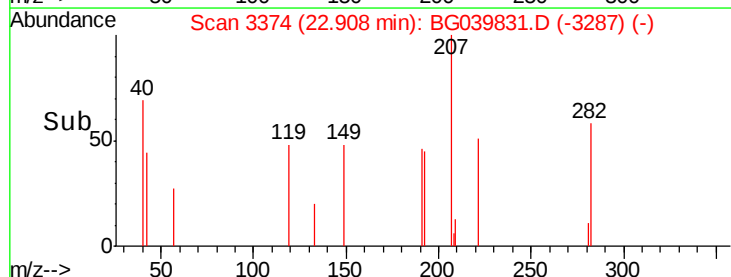
43 0.0 10.2 15.4#

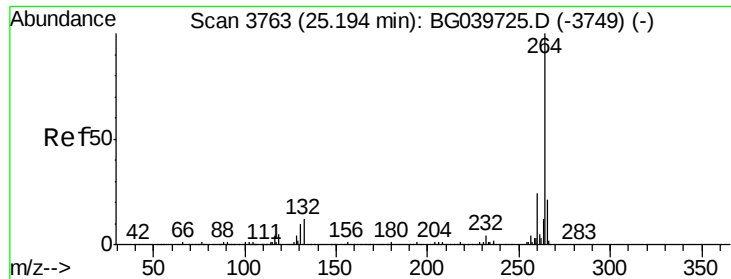


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampleId :

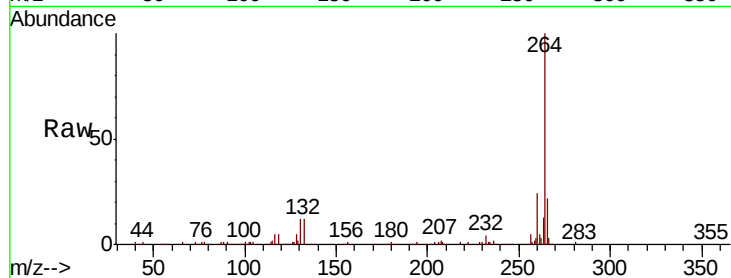
Tot Ion:264 Resp: 345760

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 21.9 18.5 27.7

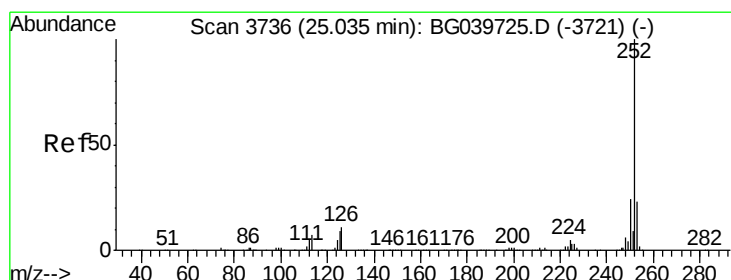
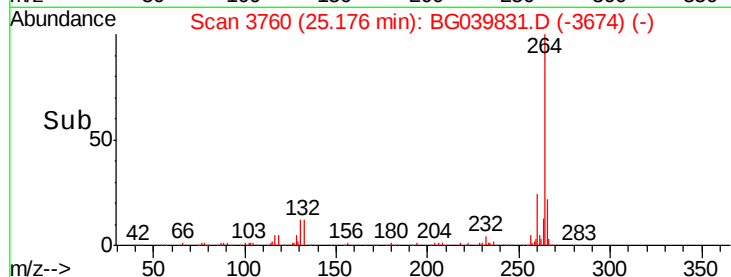
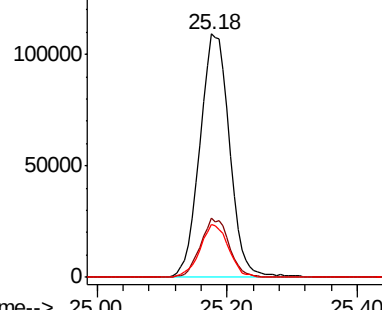


Abundance

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



#90

Benzo(a)pyrene

Concen: 0.081 ng

RT: 25.19 min Scan# 3762

Delta R.T. 0.15 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

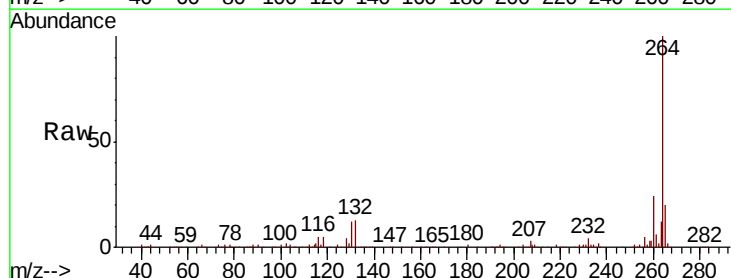
Tgt Ion:252 Resp: 1547

Ion Ratio Lower Upper

252 100

253 36.2 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

