

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040096.D
 Acq On : 22 Mar 2019 23:35
 Operator : JU/SJ
 Sample : K2033-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 02:11:45 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	8.14	152	41792	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	193229	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	139571	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	334926	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	326981	20.00	ng	-0.03
87) Perylene-d12	25.17	264	330721	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	79641	32.51	ng	-0.02
7) Phenol-d6	7.29	99	69174	18.94	ng	-0.03
23) Nitrobenzene-d5	9.32	82	276987	77.53	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	121692	74.80	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	734508	74.93	ng	-0.03
79) Terphenyl-d14	20.11	244	1008097	67.88	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	113	0.100	ng	# 1
4) n-Nitrosodimethylamine	3.90	42	76	0.053	ng	# 1
6) Aniline	7.67	93	239	0.050	ng	# 1
10) Phenol	7.32	94	2298	0.581	ng	88
11) bis(2-Chloroethyl)ether	7.67	93	239	0.077	ng	# 1
12) 1,3-Dichlorobenzene	8.17	146	90	0.027	ng	# 25
13) 1,4-Dichlorobenzene	8.17	146	90	0.026	ng	# 25
14) 1,2-Dichlorobenzene	8.49	146	71	0.021	ng	# 30
15) Benzyl Alcohol	8.47	79	3584	1.237	ng	# 38
19) n-Nitroso-di-n-propylamine	9.32	70	36738	13.974	ng	# 67
22) Acetophenone	8.99	105	55	0.011	ng	# 44
24) Nitrobenzene	9.32	77	1015	0.271	ng	# 28
30) 1,2,4-Trichlorobenzene	10.82	180	314	0.088	ng	# 41
35) Caprolactam	11.44	113	60	0.050	ng	# 1
46) 1,1'-Biphenyl	13.60	154	1005	0.088	ng	83
48) 2-Nitroaniline	14.21	65	72	0.026	ng	# 1
49) Acenaphthylene	14.82	152	56	0.004	ng	# 59
50) Dimethylphthalate	14.21	163	25709	2.203	ng	99
51) 2,6-Dinitrotoluene	14.77	165	18153	7.337	ng	# 23
52) Acenaphthene	14.78	154	407	0.048	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	18153	5.222	ng	# 18
58) Fluorene	16.26	166	4578	0.416	ng	# 80
59) 2,3,4,6-Tetrachlorophenol	15.64	232	53	0.017	ng	# 39
60) Diethylphthalate	15.56	149	524	0.045	ng	# 58
62) 4-Nitroaniline	15.76	138	53	0.020	ng	# 10
63) Azobenzene	16.25	77	795	0.076	ng	# 40
65) 4,6-Dinitro-2-methylphenol	16.26	198	251	0.127	ng	# 1
66) n-Nitrosodiphenylamine	16.26	169	5015	0.517	ng	# 48
67) 4-Bromophenyl-phenylether	16.26	248	9413	2.511	ng	# 1
71) Phenanthrene	17.55	178	90	0.005	ng	# 59
72) Anthracene	17.56	178	155	0.009	ng	# 60
74) Di-n-butylphthalate	18.45	149	1757	0.092	ng	# 86
75) Fluoranthene	19.56	202	83	0.004	ng	63
77) Benzidine	20.11	184	17381	1.675	ng	# 88

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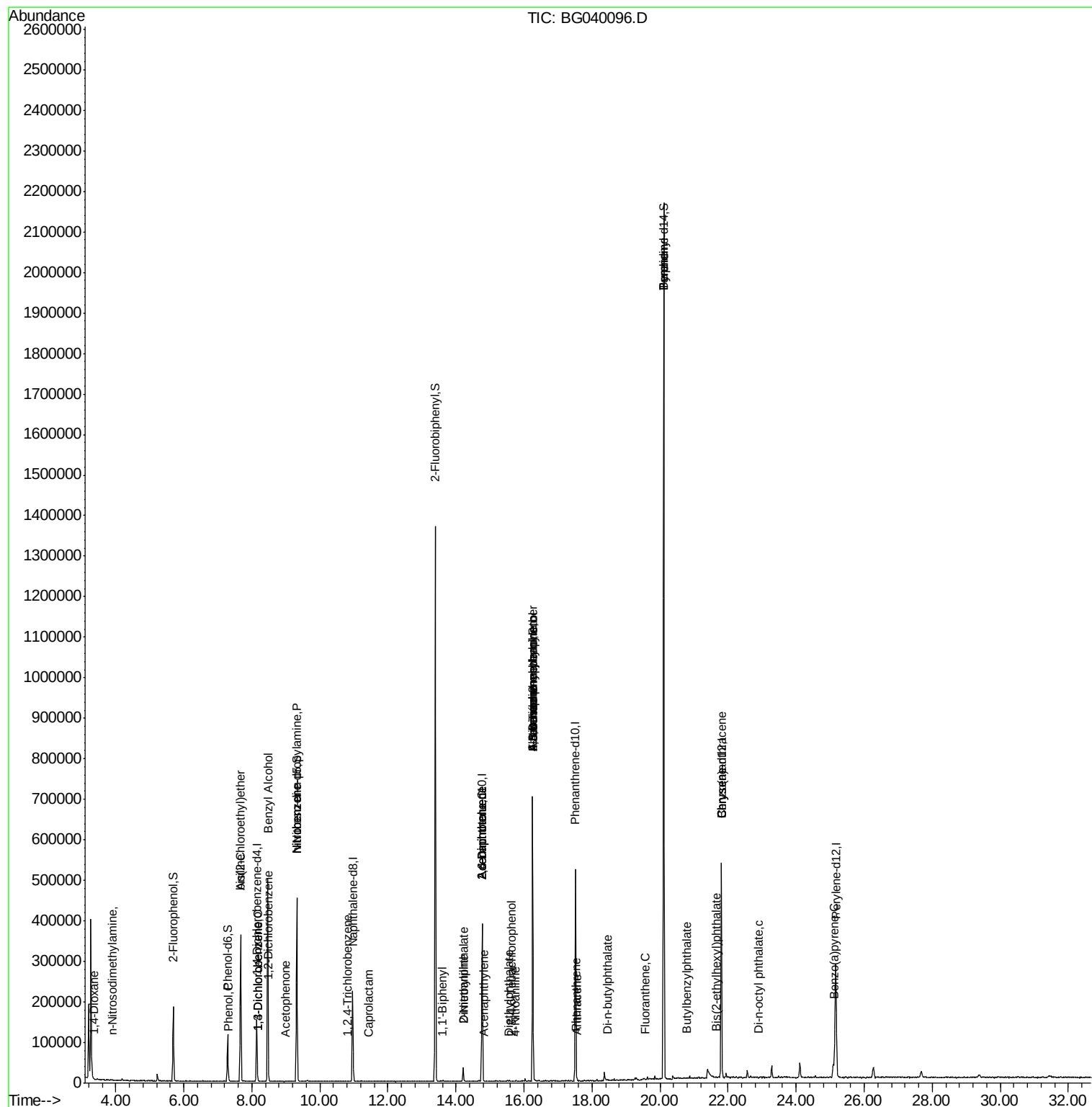
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	20.11	202	4571	0.215	nq	# 86
80) Butylbenzylphthalate	20.78	149	89	0.011	nq	# 79
81) Benzo(a)anthracene	21.80	228	994	0.049	nq	# 58
83) Chrysene	21.80	228	994	0.050	nq	# 55
84) Bis(2-ethylhexyl)phthalate	21.64	149	960	0.083	nq	# 95
85) Di-n-octyl phthalate	22.89	149	75	0.004	nq	# 1
90) Benzo(a)pyrene	25.13	252	64	0.004	nq	# 59

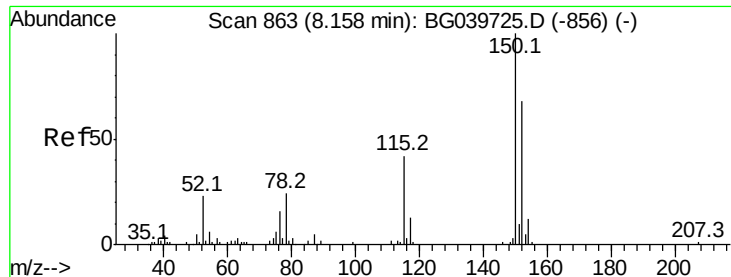
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

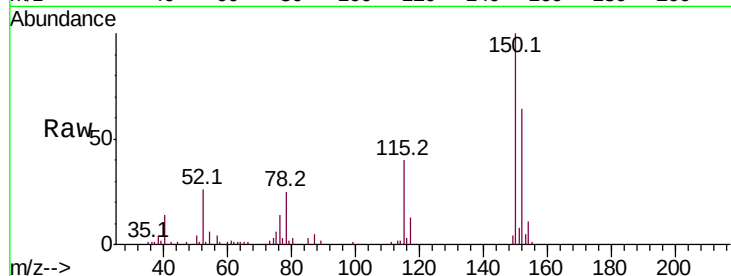
Tot Ion:152 Resp: 41792

Ion Ratio Lower Upper

152 100

150 155.1 123.7 185.5

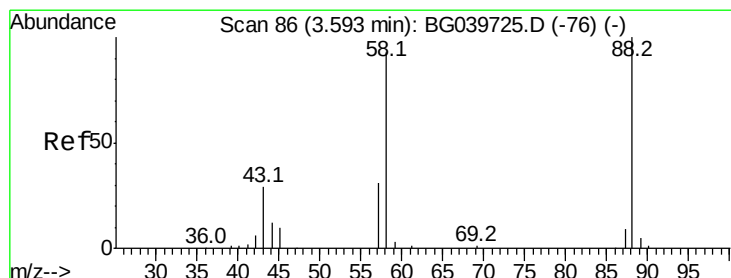
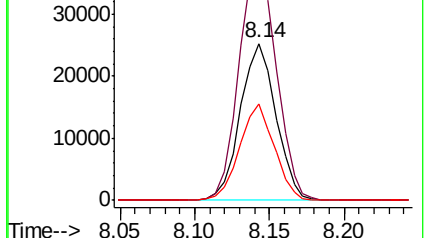
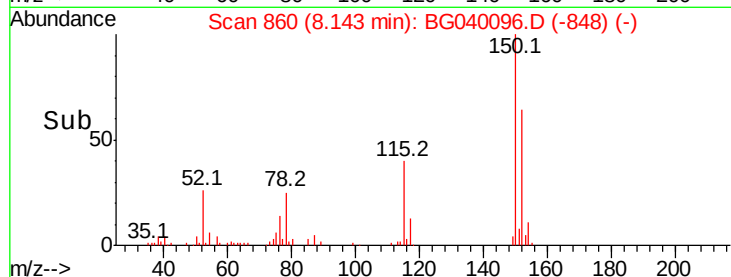
115 61.6 45.9 68.9



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: 0.100 ng

RT: 3.36 min Scan# 45

Delta R.T. -0.25 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

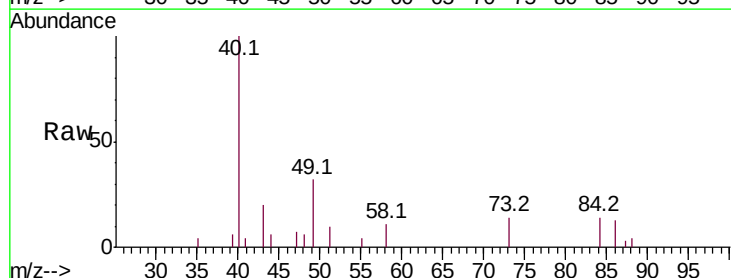
Tgt Ion: 88 Resp: 113

Ion Ratio Lower Upper

88 100

58 358.4 81.1 121.7#

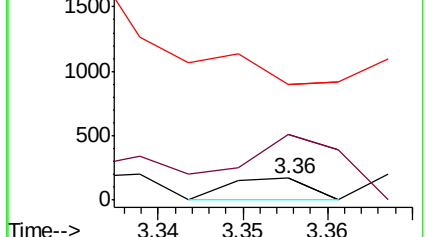
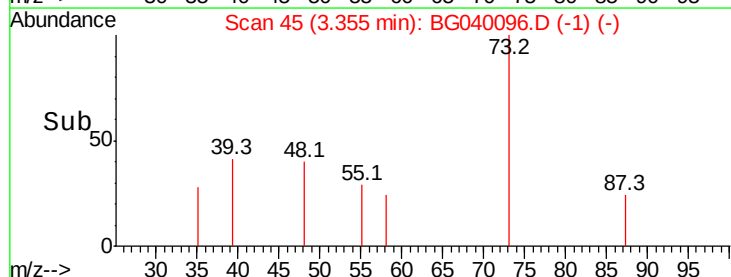
43 0.0 31.4 47.0#

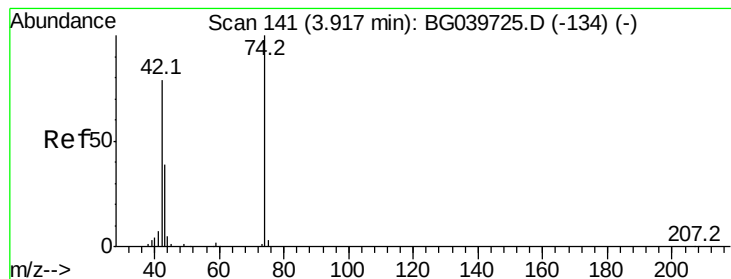


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.053 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

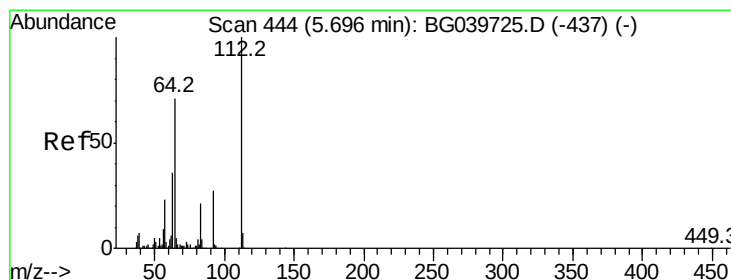
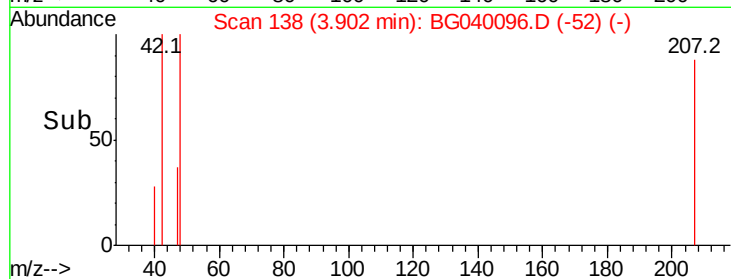
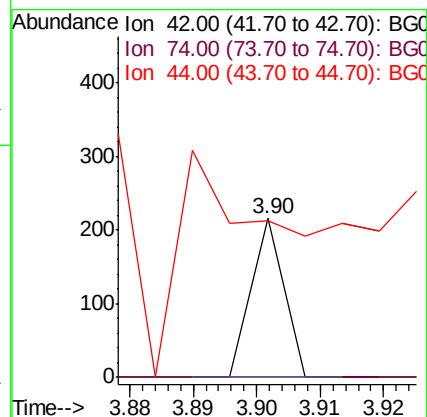
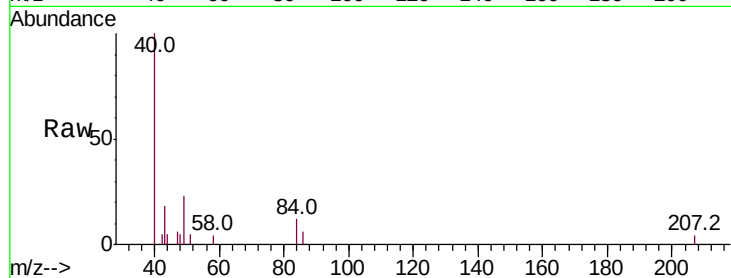
Tot Ion: 42 Resp: 76

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 98.6 6.9 10.3#



#5

2-Fluorophenol

Concen: 32.511 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

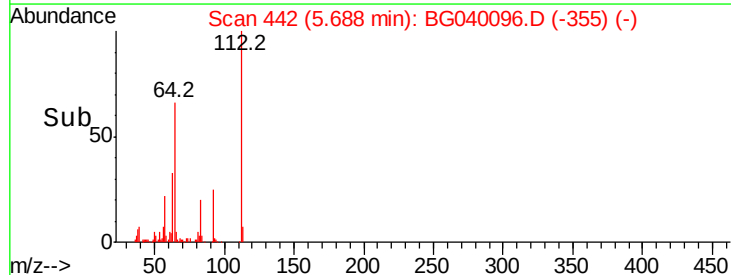
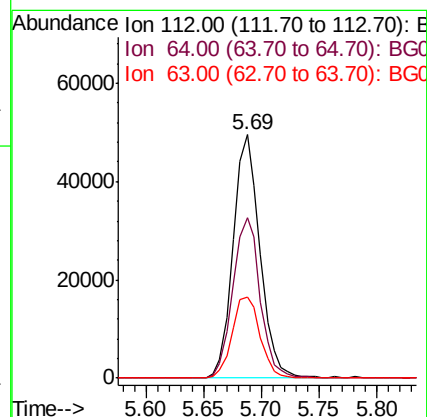
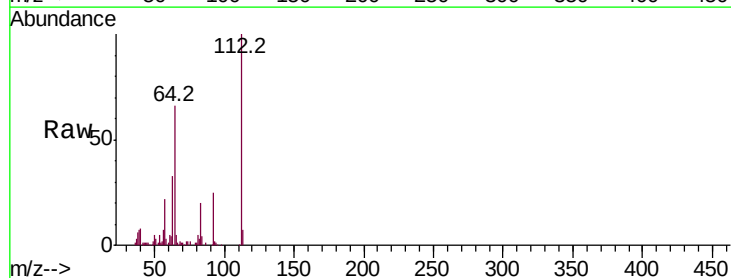
Tgt Ion: 112 Resp: 79641

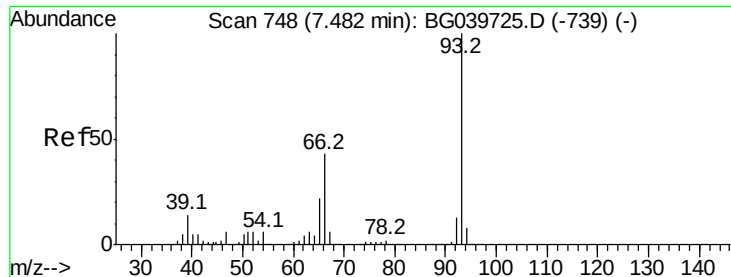
Ion Ratio Lower Upper

112 100

64 66.0 57.8 86.8

63 33.4 29.8 44.6





#6

Aniline

Concen: 0.050 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.17 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

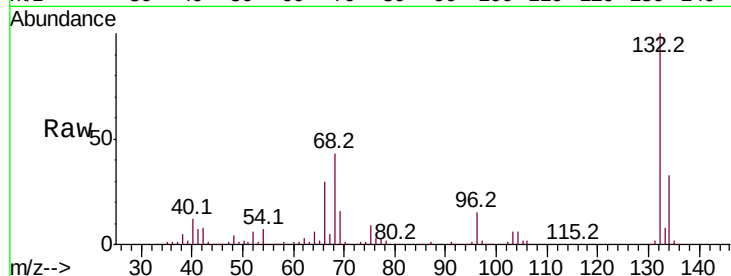
Tot Ion: 93 Resp: 239

Ion Ratio Lower Upper

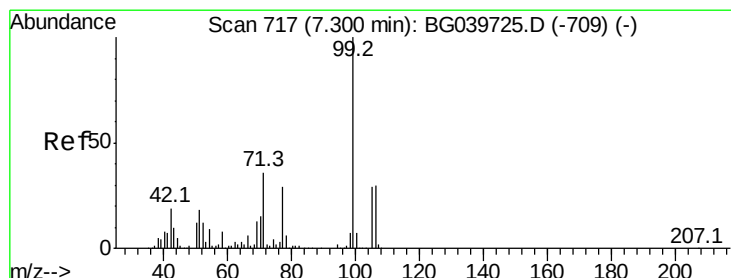
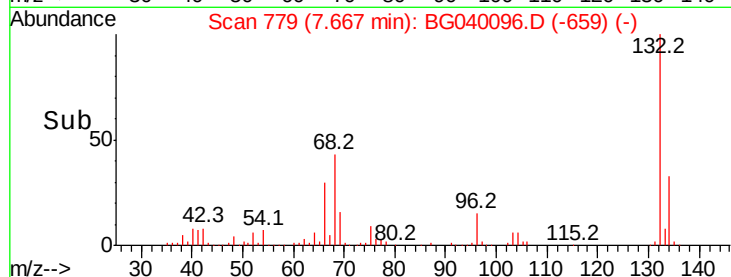
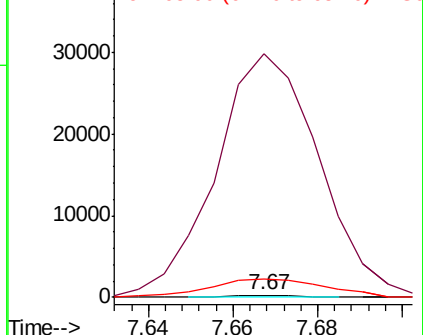
93 100

66 12019.4 34.2 51.4#

65 879.4 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: 18.938 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

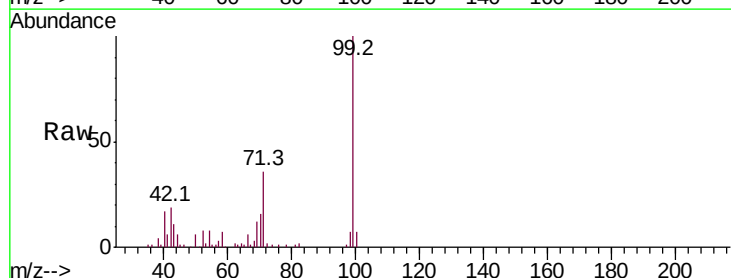
Tgt Ion: 99 Resp: 69174

Ion Ratio Lower Upper

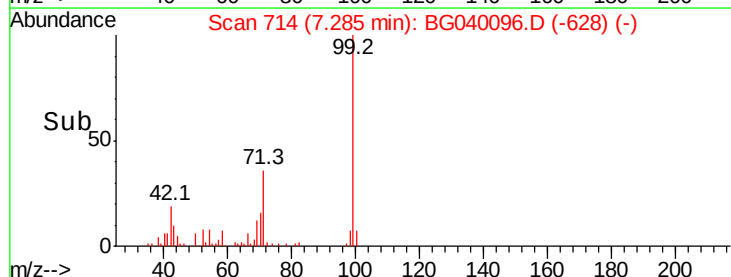
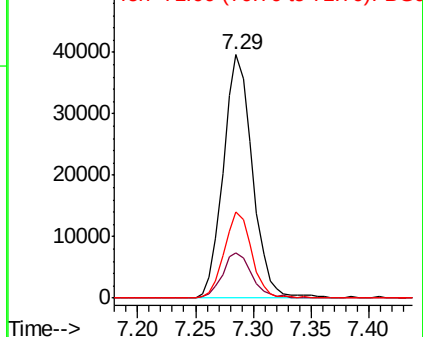
99 100

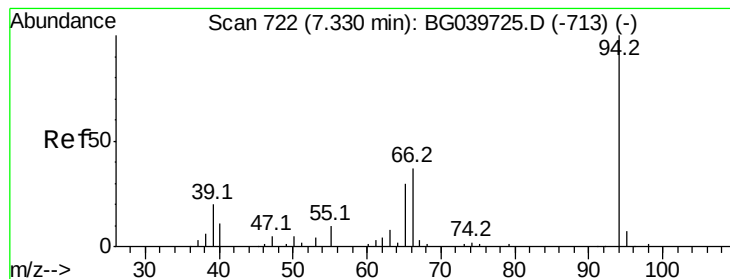
42 18.6 18.2 27.2

71 35.5 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





#10

Phenol

Concen: 0.581 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampled :

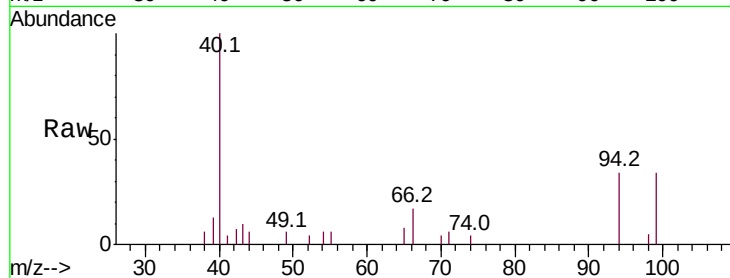
Tot Ion: 94 Resp: 2298

Ion Ratio Lower Upper

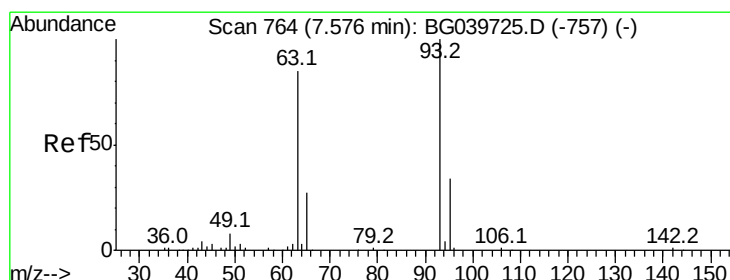
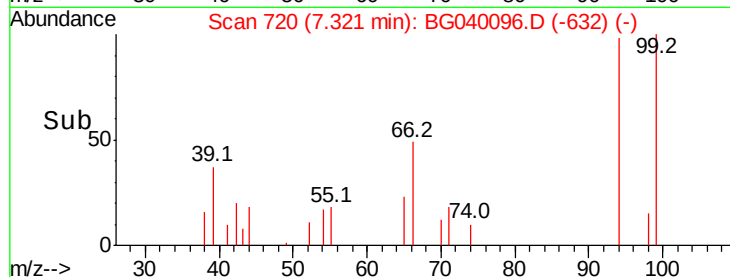
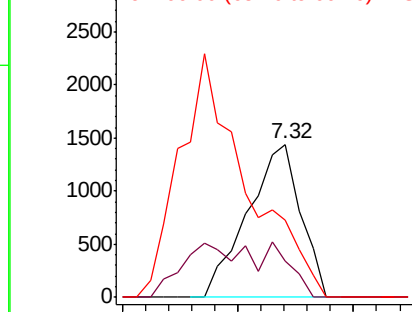
94 100

65 23.5 11.7 51.7

66 50.3 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: 0.077 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.08 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

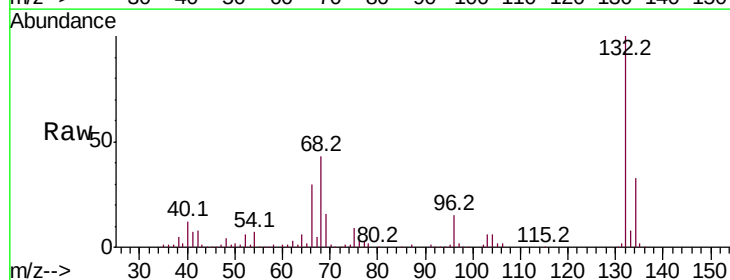
Tgt Ion: 93 Resp: 239

Ion Ratio Lower Upper

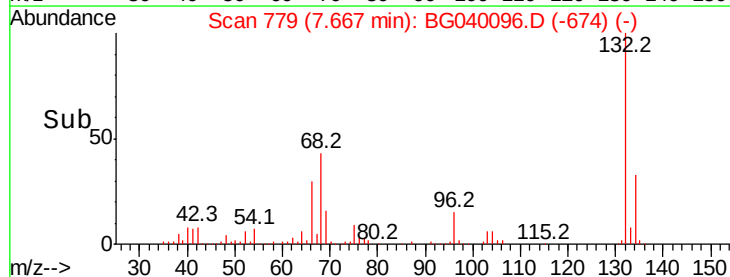
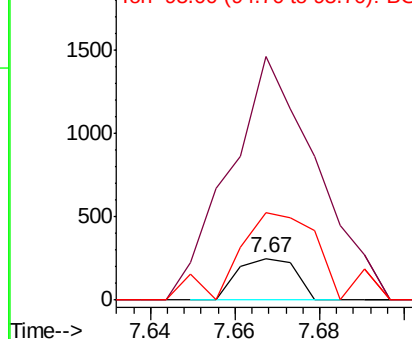
93 100

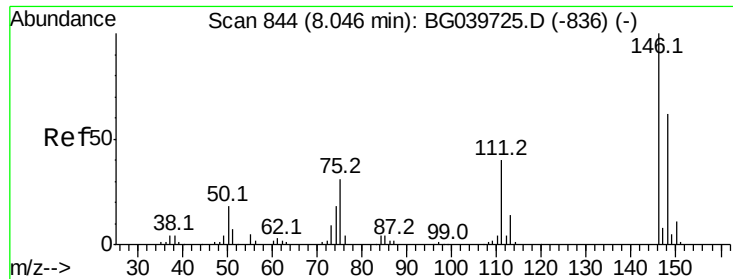
63 588.3 69.5 109.5#

95 210.5 12.7 52.7#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

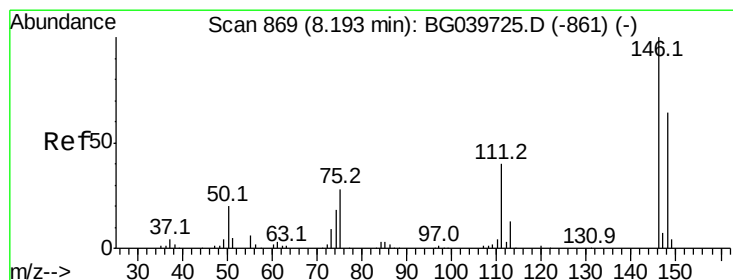
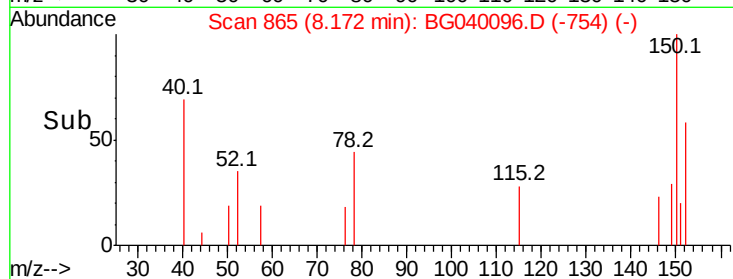
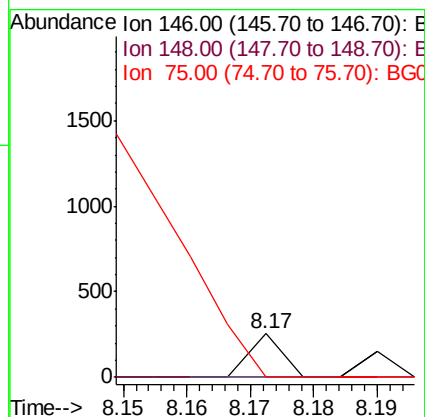
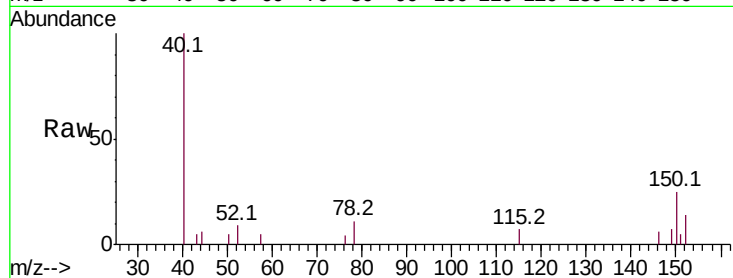




#12
 1,3-Dichlorobenzene
 Concen: 0.027 ng
 RT: 8.17 min Scan# 865
 Delta R.T. 0.12 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

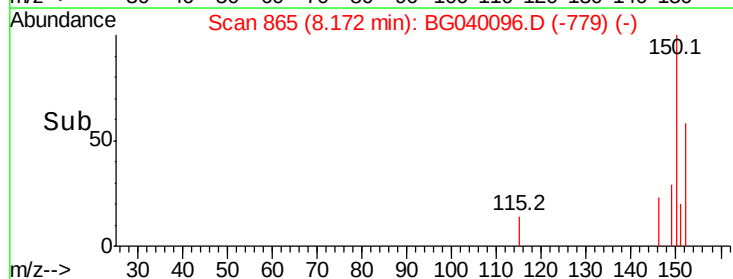
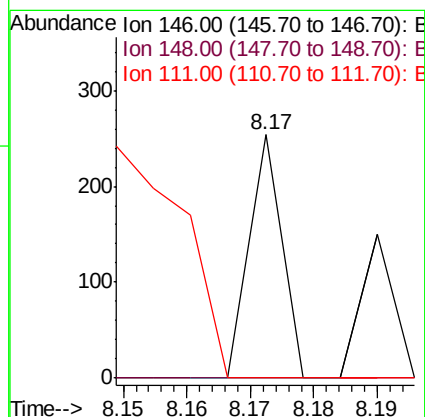
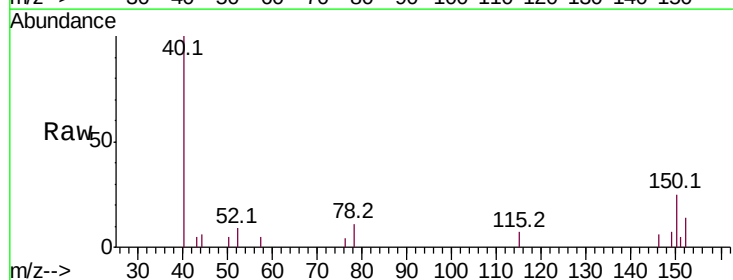
Instrument :
 BNA_G
 ClientSampleId :

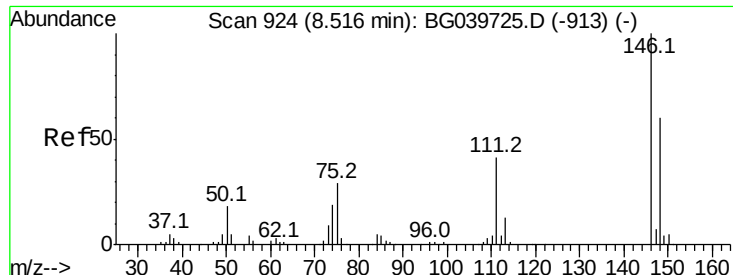
Tot Ion:146 Resp: 90
 Ion Ratio Lower Upper
 146 100
 148 0.0 52.6 79.0#
 75 0.0 25.8 38.6#



#13
 1,4-Dichlorobenzene
 Concen: 0.026 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.03 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

Tgt Ion:146 Resp: 90
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.1 76.7#
 111 0.0 32.6 48.8#

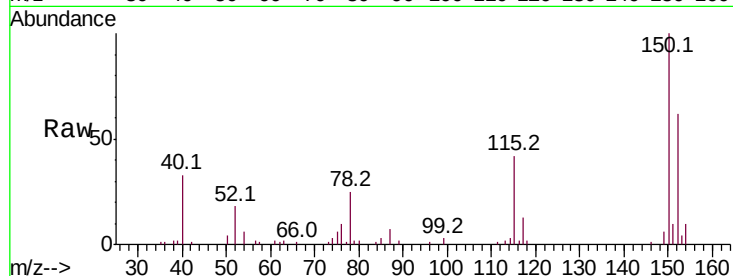




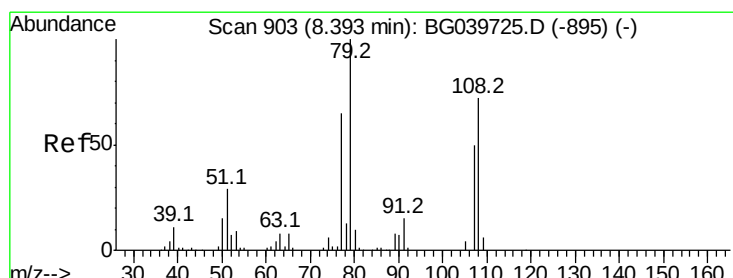
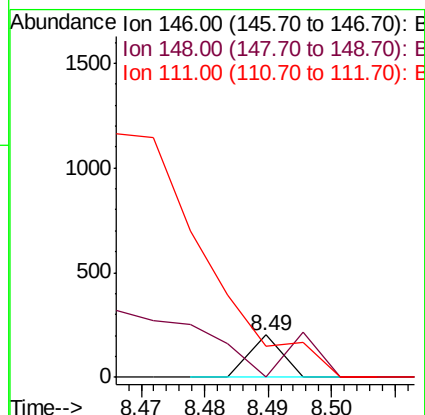
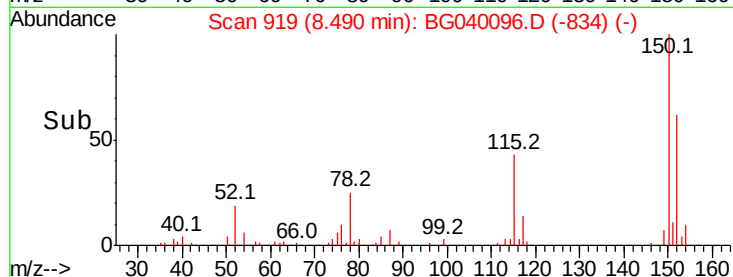
#14
 1,2-Dichlorobenzene
 Concen: 0.021 ng
 RT: 8.49 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 71
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.5 77.3#
 111 75.1 33.8 50.6#

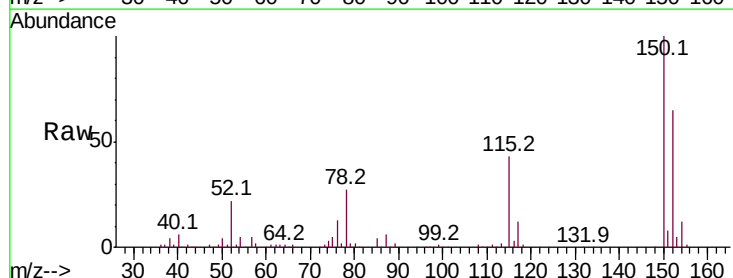


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

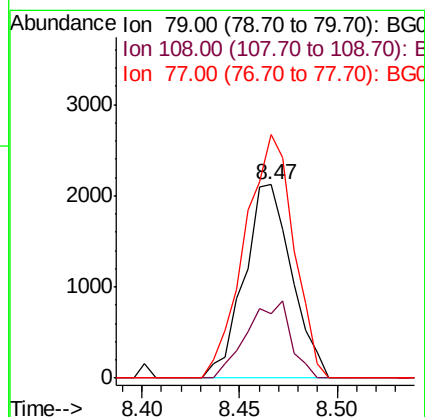
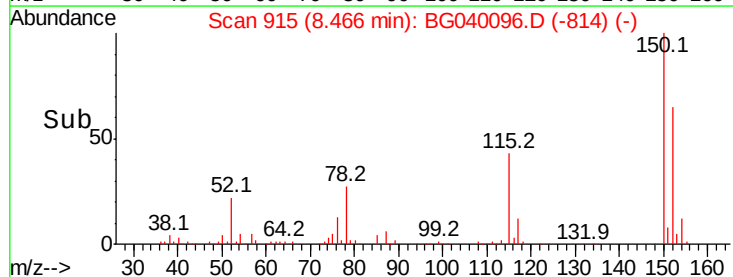


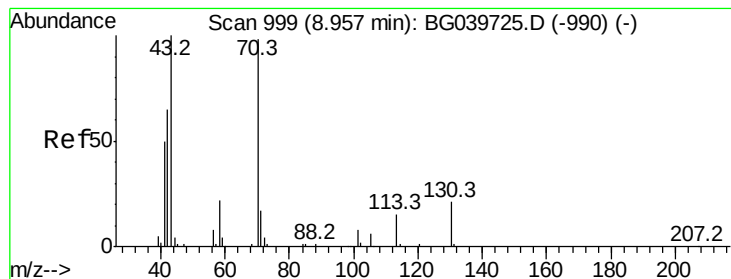
#15
 Benzyl Alcohol
 Concen: 1.237 ng
 RT: 8.47 min Scan# 915
 Delta R.T. 0.06 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

Tgt Ion: 79 Resp: 3584
 Ion Ratio Lower Upper
 79 100
 108 33.4 57.8 86.6#
 77 126.0 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





#19

n-Nitroso-di-n-propylamine

Concen: 13.974 ng

RT: 9.32 min Scan# 1060

Delta R.T. 0.35 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 36738

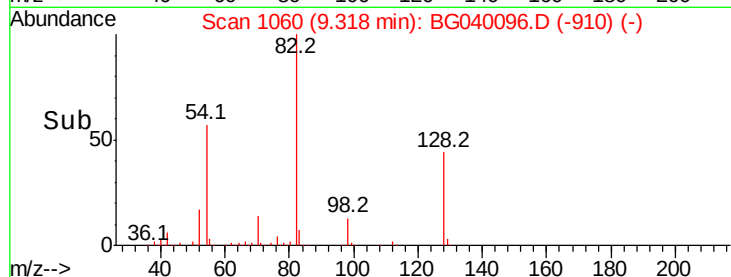
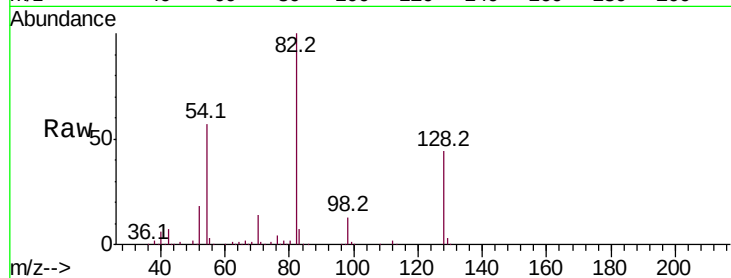
Ion Ratio Lower Upper

70 100

42 48.5 60.4 90.6#

101 0.0 7.5 11.3#

130 2.5 16.9 25.3#

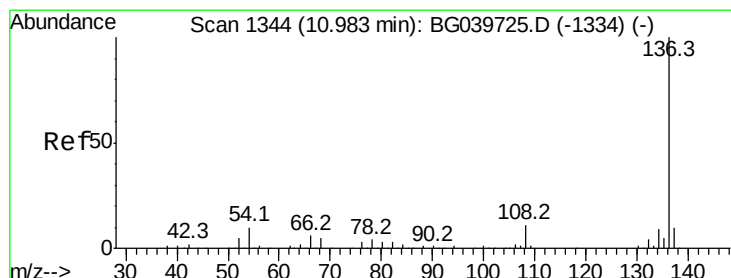
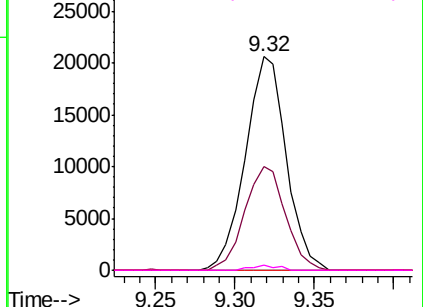


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Tgt Ion: 136 Resp: 193229

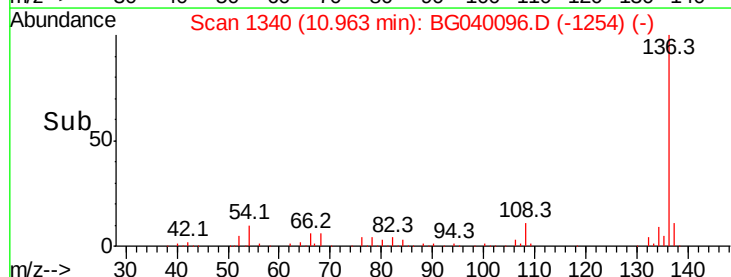
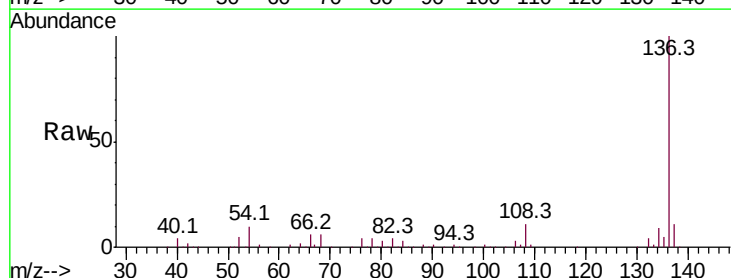
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.1 9.4 14.2

68 5.9 4.2 6.4

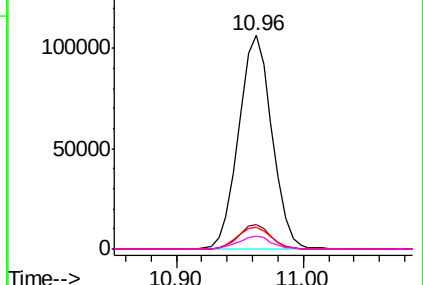


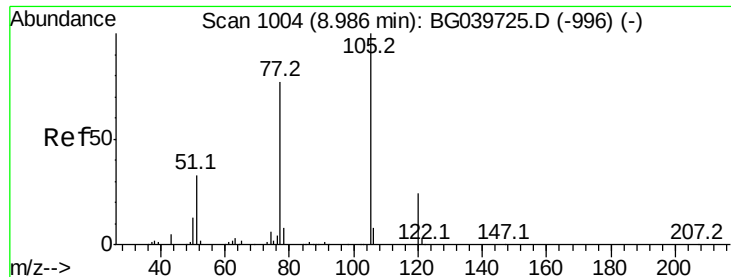
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

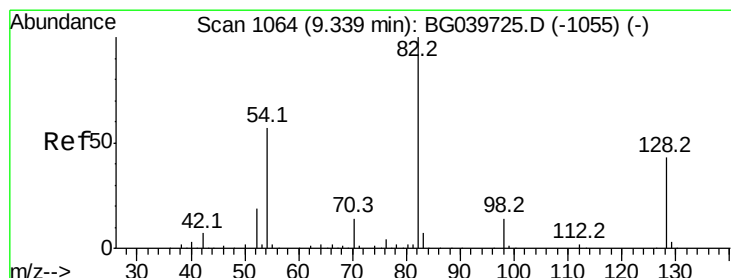
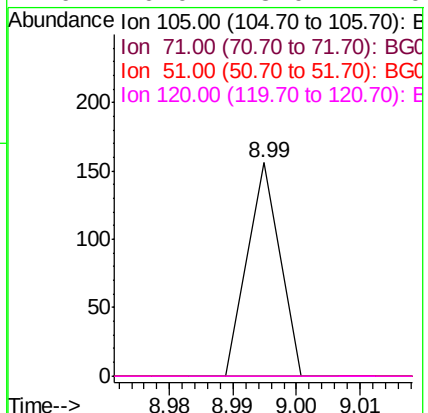
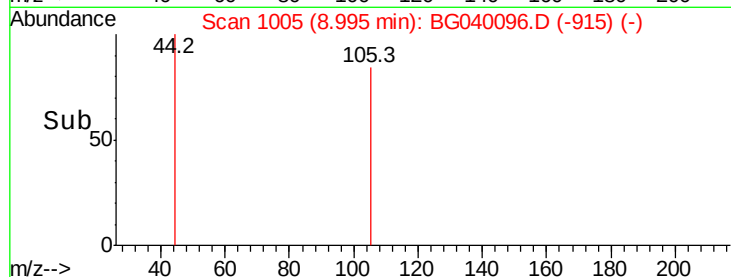
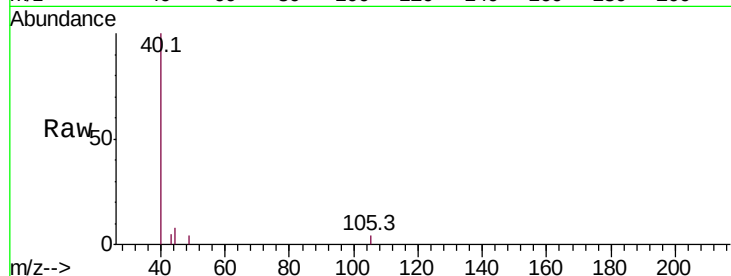




#22
Acetophenone
Concen: 0.011 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG040096.D
Acq: 22 Mar 2019 23:35

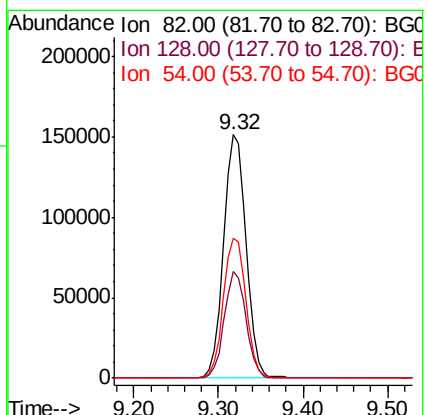
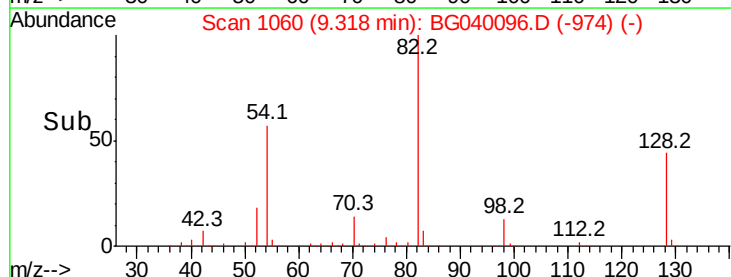
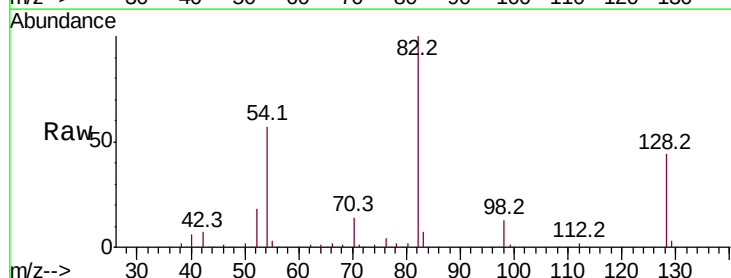
Instrument :
BNA_G
ClientSampled :

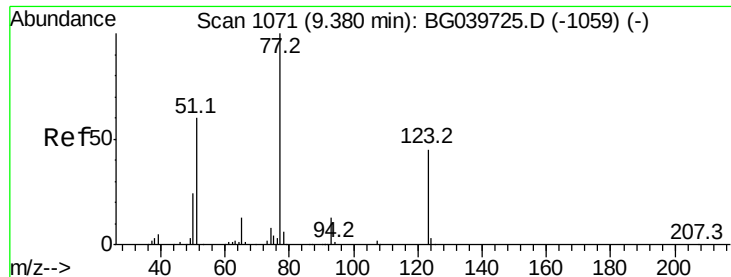
Tot Ion:105 Resp: 55
Ion Ratio Lower Upper
105 100
71 0.0 0.8 1.2#
51 0.0 30.2 45.2#
120 0.0 18.0 27.0#



#23
Nitrobenzene-d5
Concen: 77.528 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040096.D
Acq: 22 Mar 2019 23:35

Tgt Ion: 82 Resp: 276987
Ion Ratio Lower Upper
82 100
128 43.7 31.3 46.9
54 57.3 50.9 76.3





#24

Nitrobenzene

Concen: 0.271 ng

RT: 9.32 min Scan# 1060

Delta R.T. -0.07 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

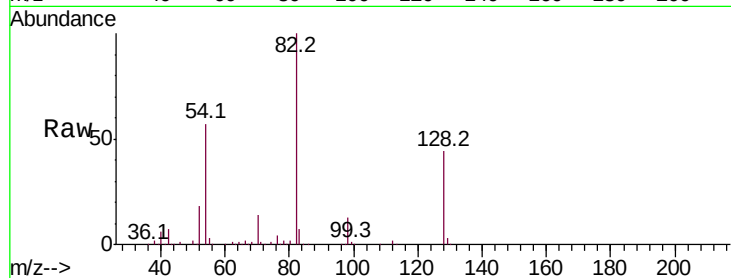
Tot Ion: 77 Resp: 1015

Ion Ratio Lower Upper

77 100

123 0.0 34.1 51.1#

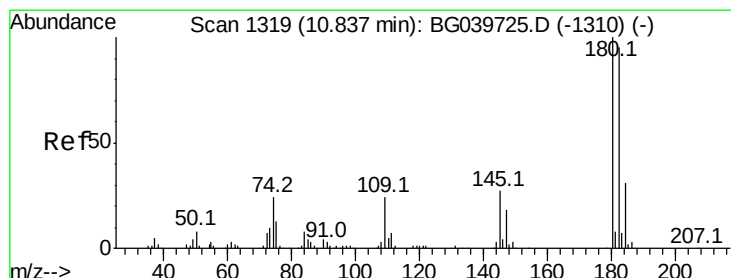
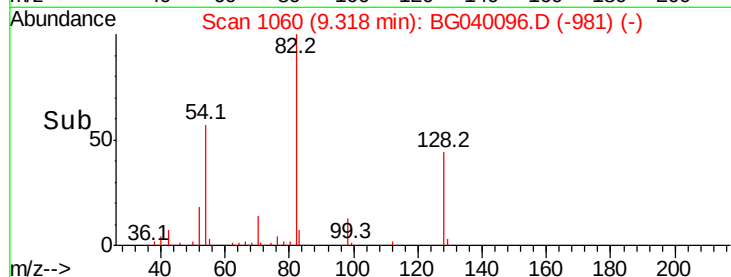
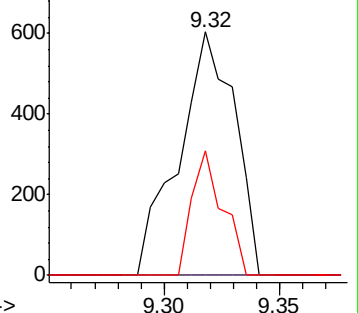
65 51.3 12.3 18.5#



Abundance Ion 77.00 (76.70 to 77.70): BG039725.D (-1059) (-)

Ion 123.00 (122.70 to 123.70): BG039725.D (-1059) (-)

Ion 65.00 (64.70 to 65.70): BG039725.D (-1059) (-)



#30

1,2,4-Trichlorobenzene

Concen: 0.088 ng

RT: 10.82 min Scan# 1315

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

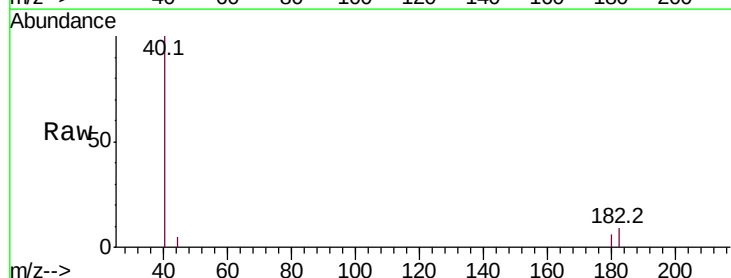
Tgt Ion: 180 Resp: 314

Ion Ratio Lower Upper

180 100

182 153.2 76.0 114.0#

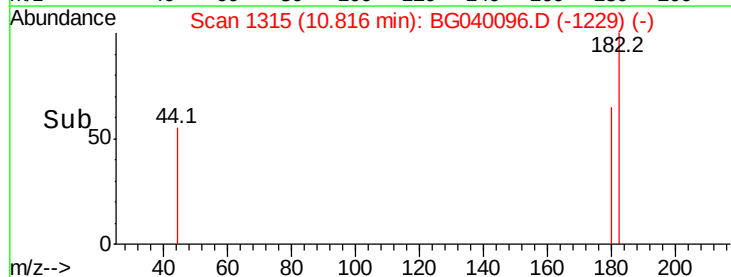
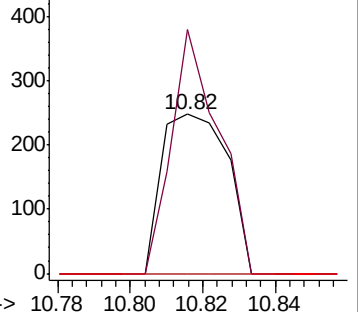
145 0.0 22.7 34.1#

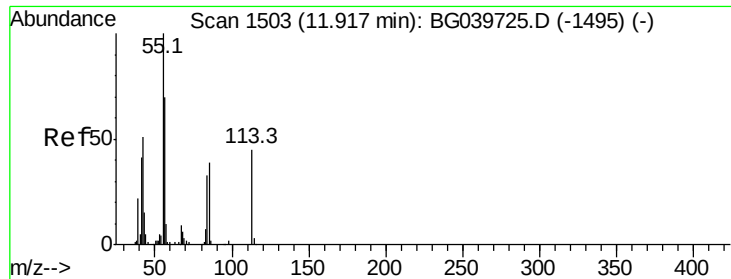


Abundance Ion 180.00 (179.70 to 180.70): BG039725.D (-1310) (-)

Ion 182.00 (181.70 to 182.70): BG039725.D (-1310) (-)

Ion 145.00 (144.70 to 145.70): BG039725.D (-1310) (-)

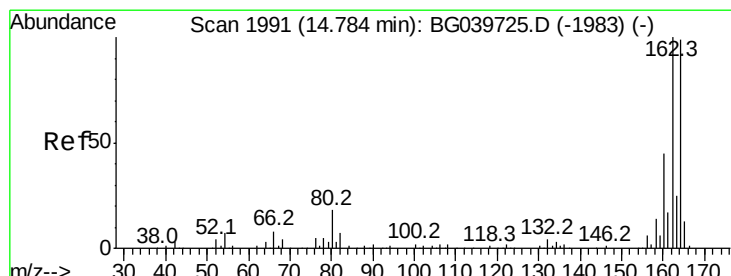
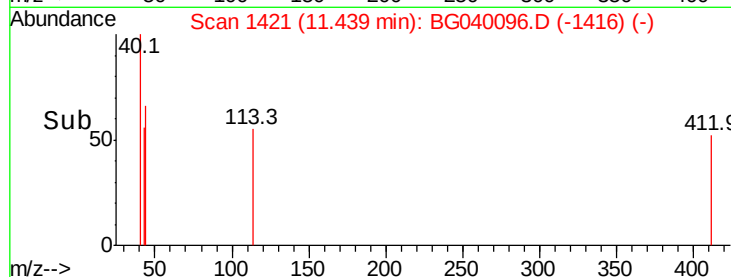
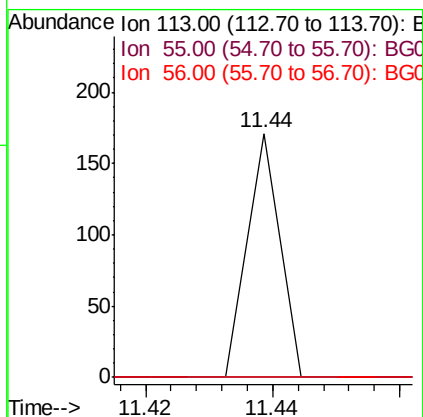
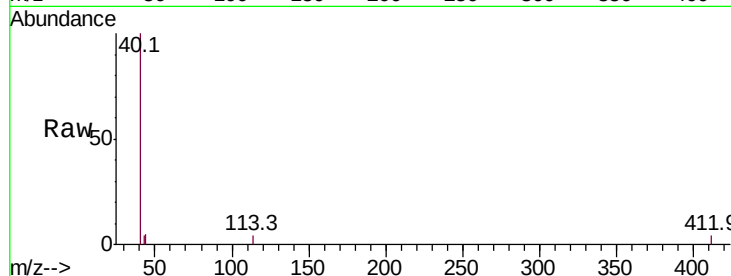




#35
Caprolactam
Concen: 0.050 ng
RT: 11.44 min Scan# 1421
Delta R.T. -0.50 min
Lab File: BG040096.D
Acq: 22 Mar 2019 23:35

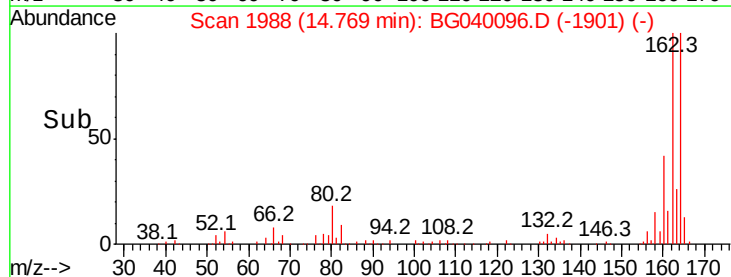
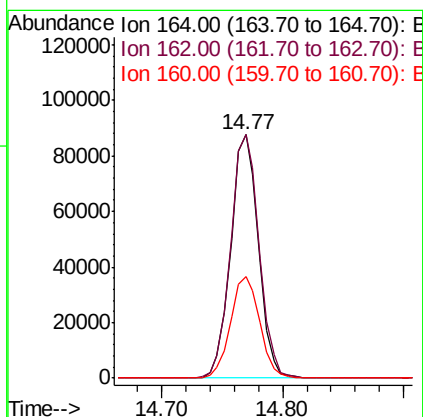
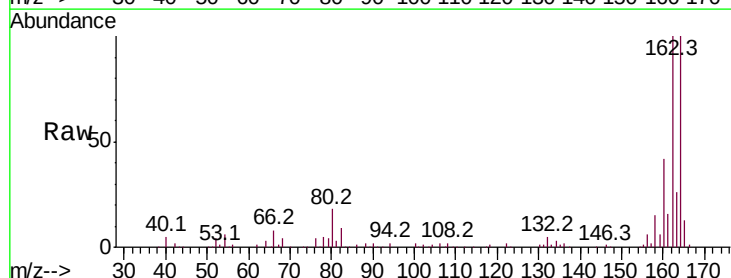
Instrument :
BNA_G
ClientSampled :

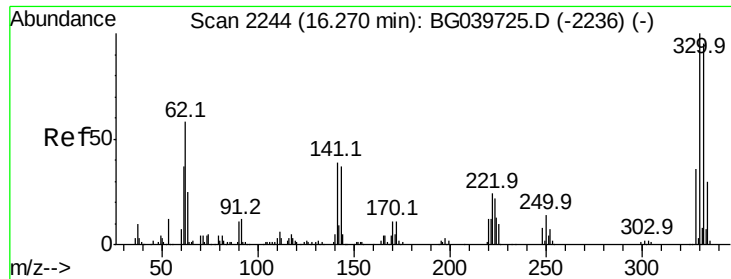
Tot Ion:113 Resp: 60
Ion Ratio Lower Upper
113 100
55 0.0 216.9 256.9#
56 0.0 152.6 192.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040096.D
Acq: 22 Mar 2019 23:35

Tgt Ion:164 Resp: 139571
Ion Ratio Lower Upper
164 100
162 99.9 81.6 122.4
160 41.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 74.804 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampled :

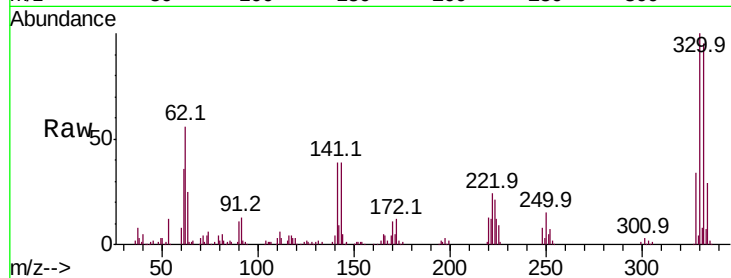
Tot Ion:330 Resp: 121692

Ion Ratio Lower Upper

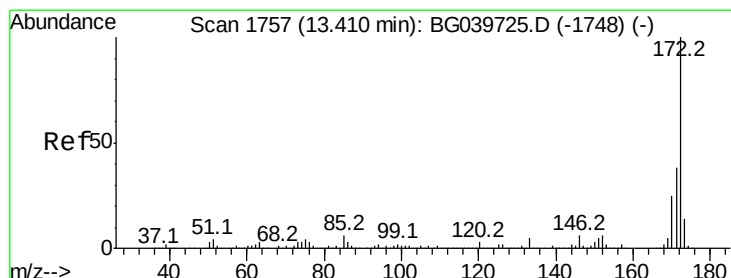
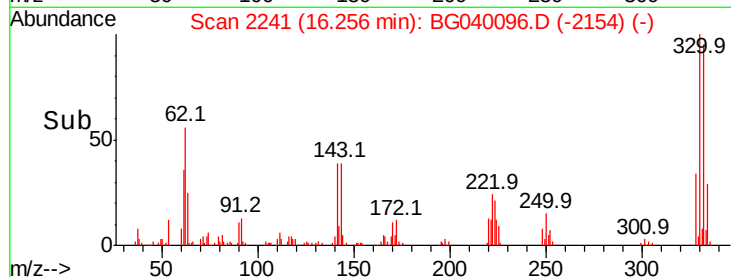
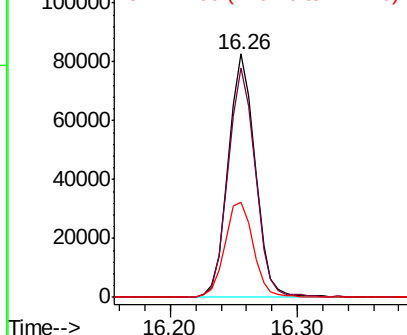
330 100

332 95.3 75.7 113.5

141 41.2 35.6 53.4



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



#45

2-Fluorobiphenyl

Concen: 74.931 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

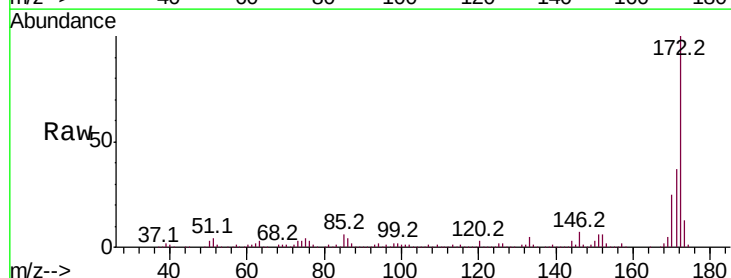
Tgt Ion:172 Resp: 734508

Ion Ratio Lower Upper

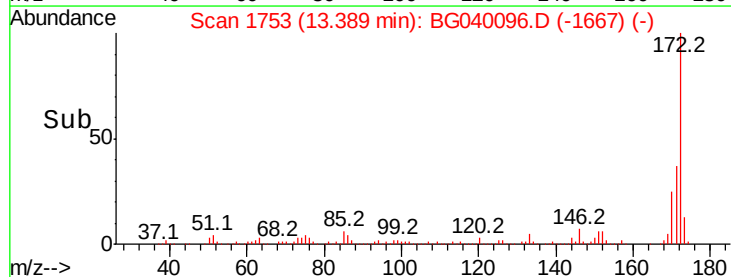
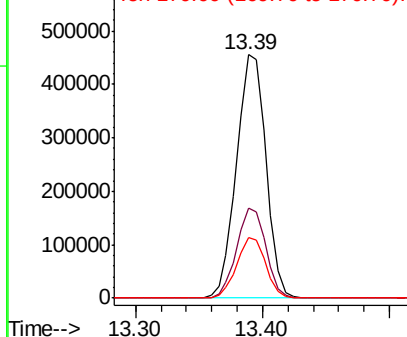
172 100

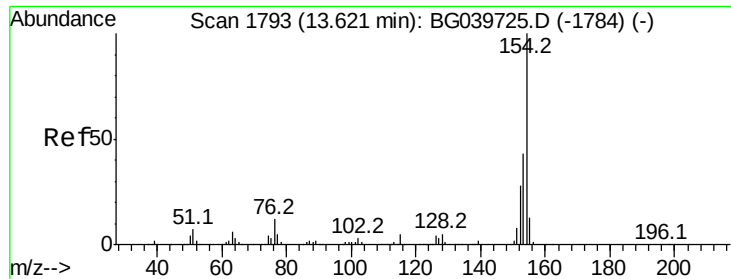
171 36.9 30.8 46.2

170 25.1 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: 0.088 ng

RT: 13.60 min Scan# 1789

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampled :

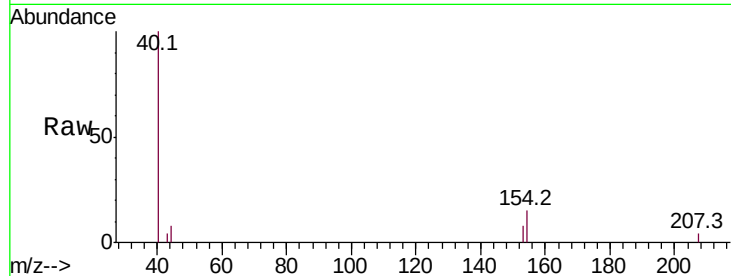
Tot Ion:154 Resp: 1005

Ion Ratio Lower Upper

154 100

153 50.4 22.1 62.1

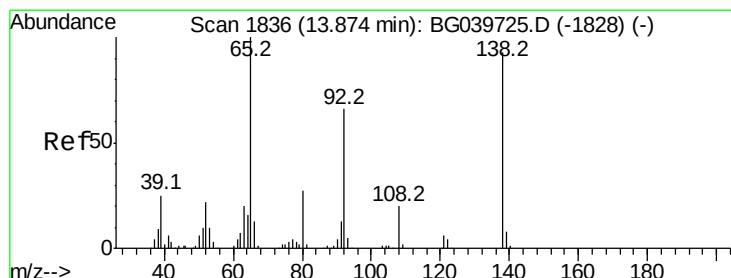
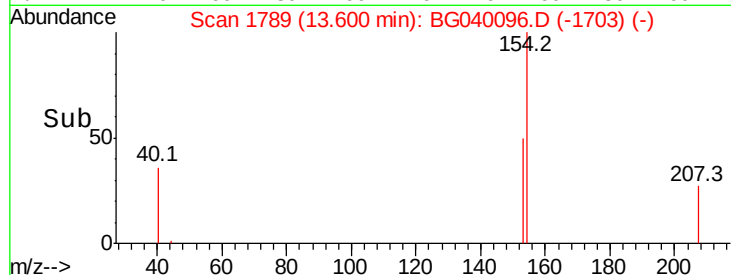
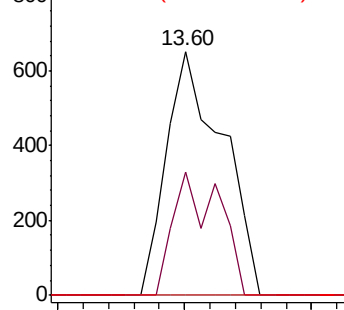
76 0.0 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#48

2-Nitroaniline

Concen: 0.026 ng

RT: 14.21 min Scan# 1892

Delta R.T. 0.33 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

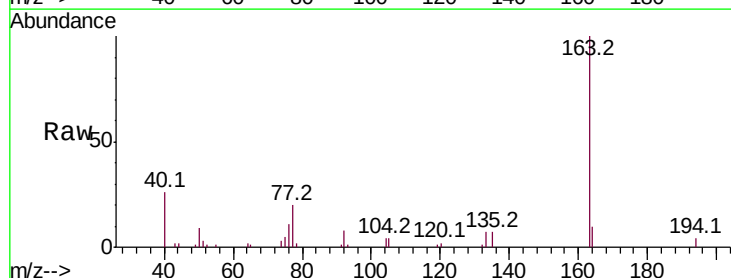
Tgt Ion: 65 Resp: 72

Ion Ratio Lower Upper

65 100

92 582.9 51.4 77.2#

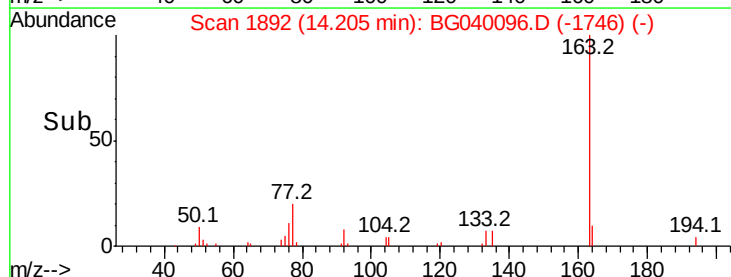
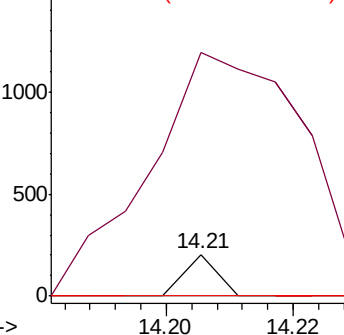
138 0.0 71.4 107.2#

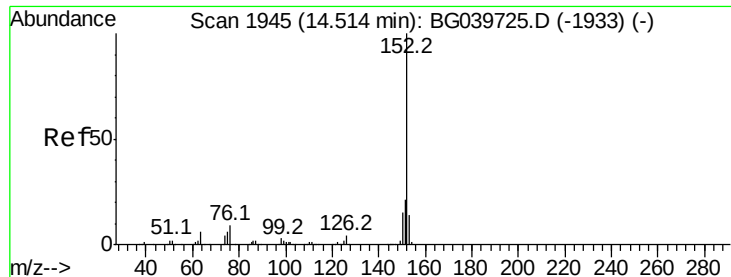


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.82 min Scan# 1997

Delta R.T. 0.30 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

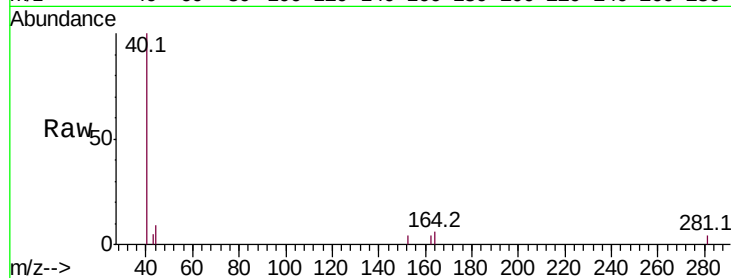
Tot Ion:152 Resp: 56

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

153 0.0 11.7 17.5#

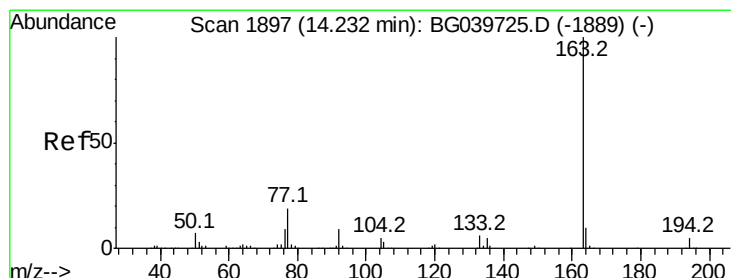
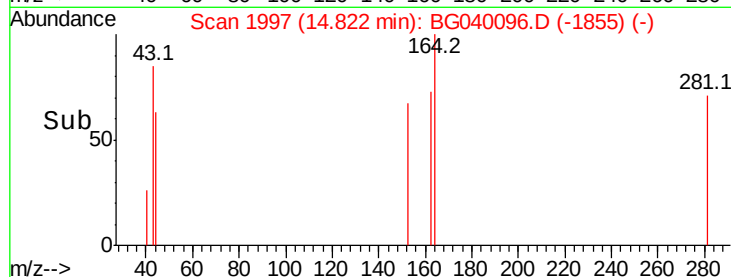
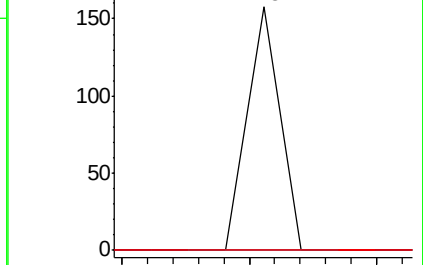


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.82



#50

Dimethylphthalate

Concen: 2.203 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

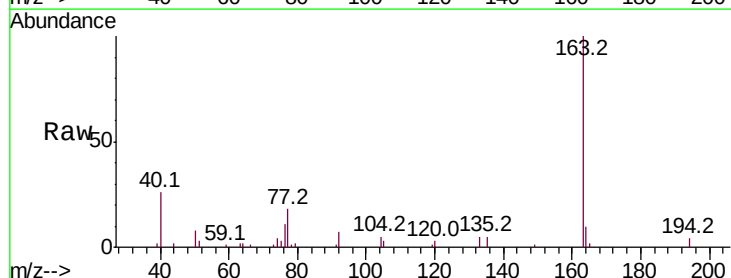
Tgt Ion:163 Resp: 25709

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

164 10.5 8.4 12.6

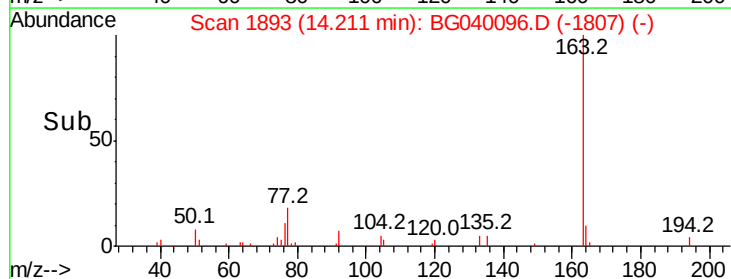
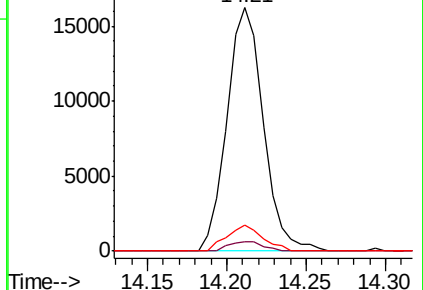


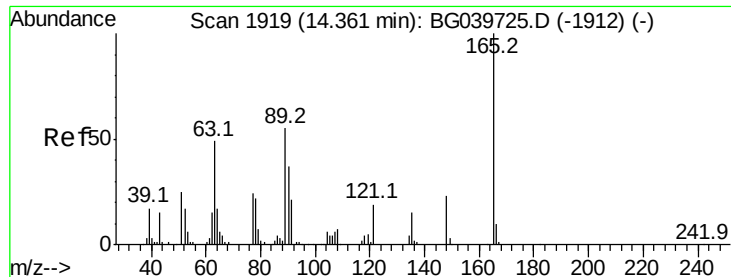
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.21





#51

2,6-Dinitrotoluene

Concen: 7.337 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

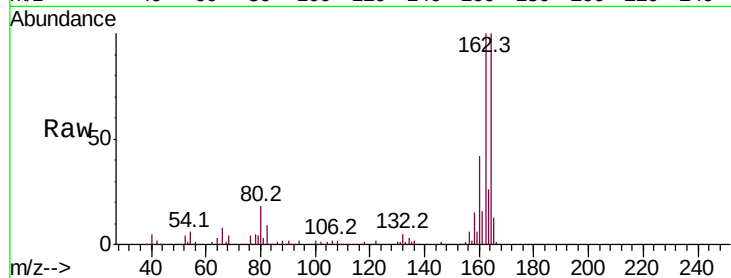
Tot Ion:165 Resp: 18153

Ion Ratio Lower Upper

165 100

63 0.0 47.0 70.6#

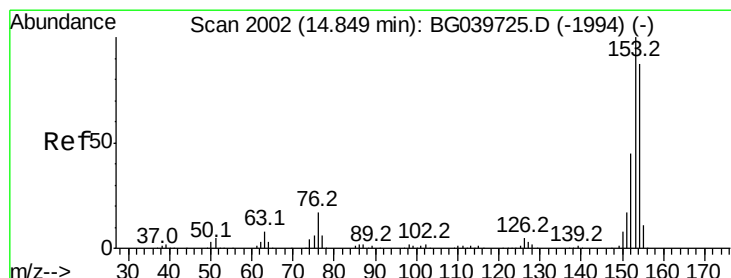
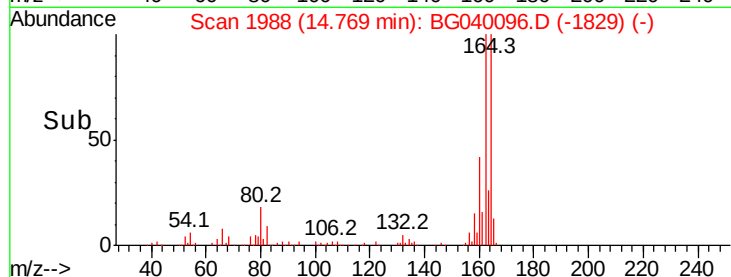
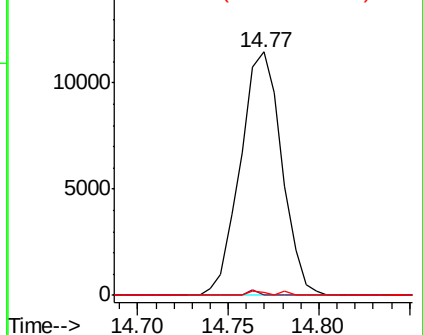
89 1.4 45.8 68.8#



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: 0.048 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.08 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

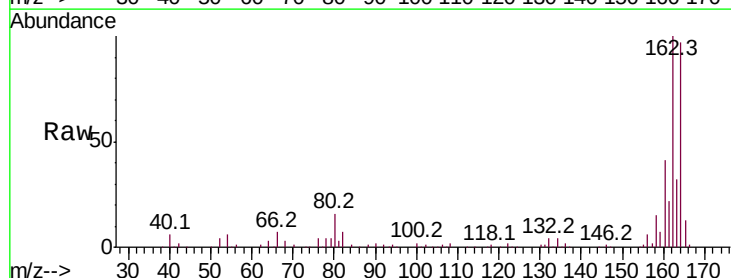
Tgt Ion:154 Resp: 407

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

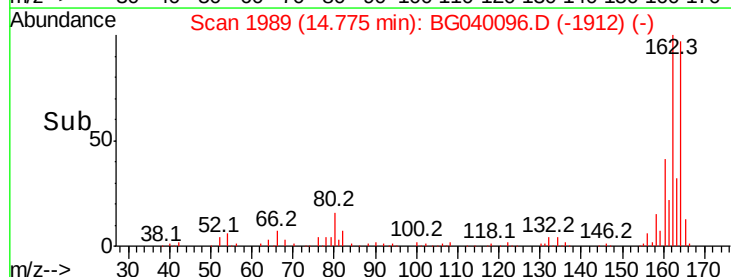
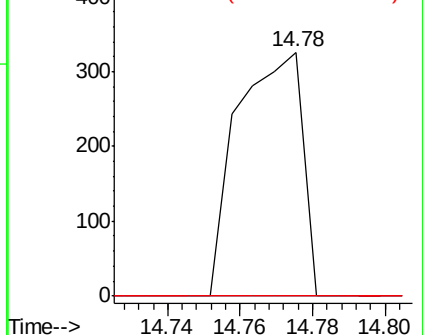
152 0.0 40.9 61.3#

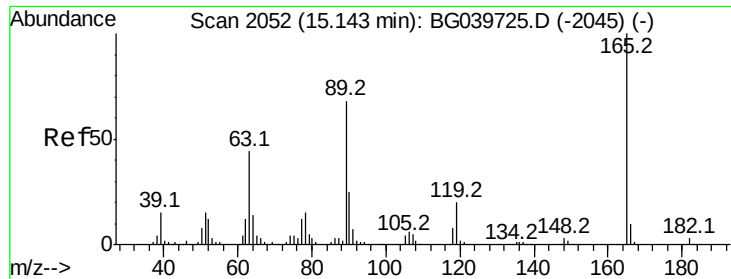


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

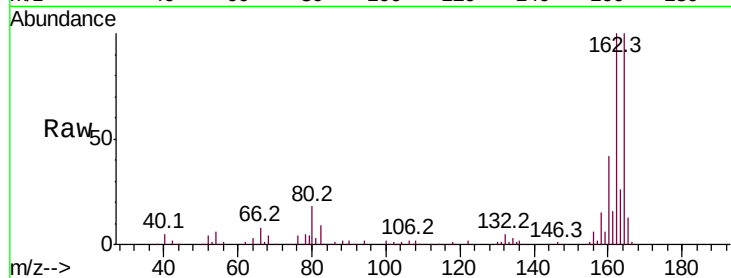




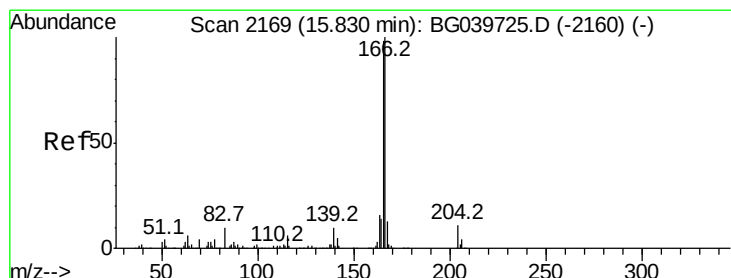
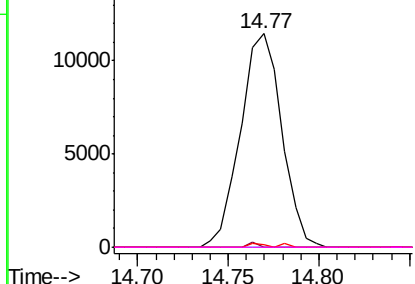
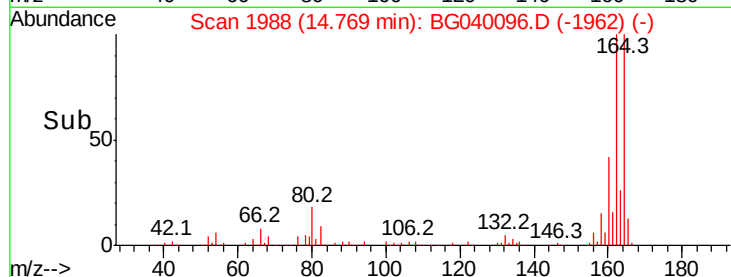
#57
 2,4-Dinitrotoluene
 Concen: 5.222 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	18153
Ion Ratio	Lower	Upper
165	100	
63	0.0	41.0 61.6#
89	1.4	64.6 96.8#
182	0.0	2.0 3.0#

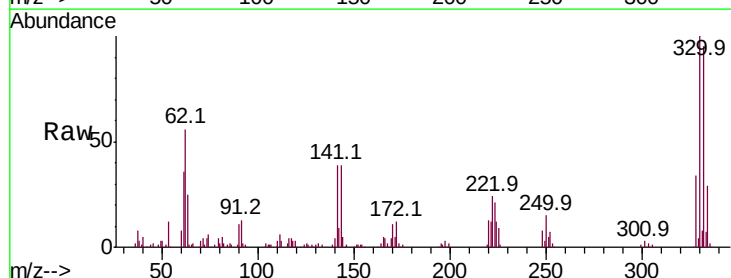


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

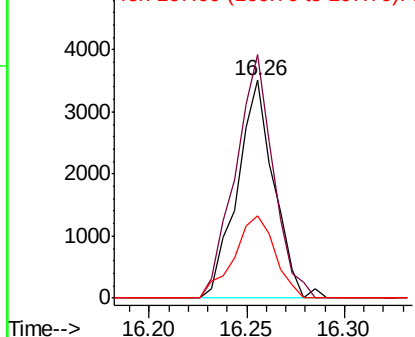
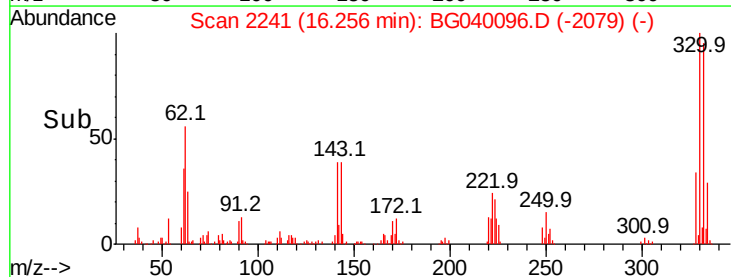


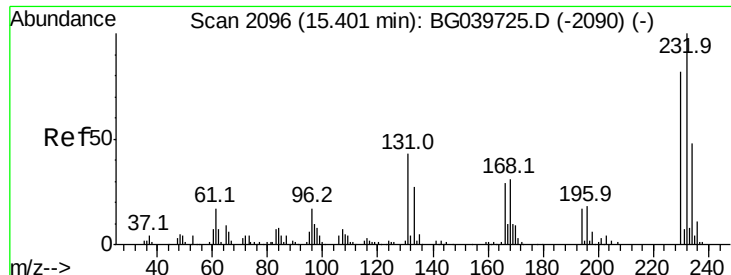
#58
 Fluorene
 Concen: 0.416 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. 0.42 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

Tgt Ion:166	Resp:	4578
Ion Ratio	Lower	Upper
166	100	
165	111.7	77.9 116.9
167	37.9	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

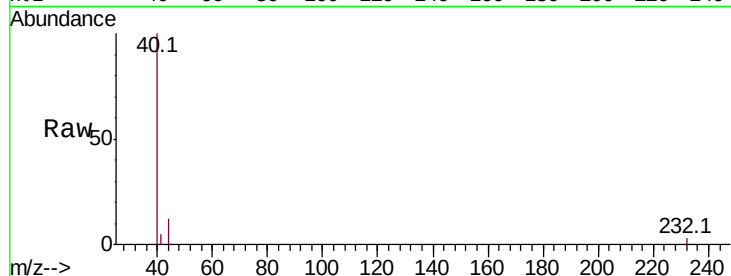




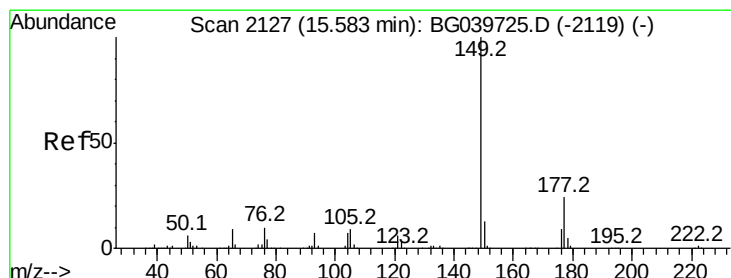
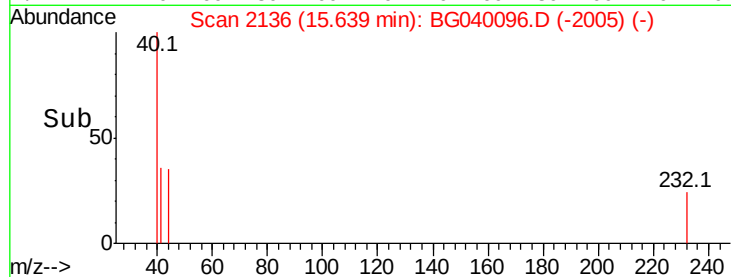
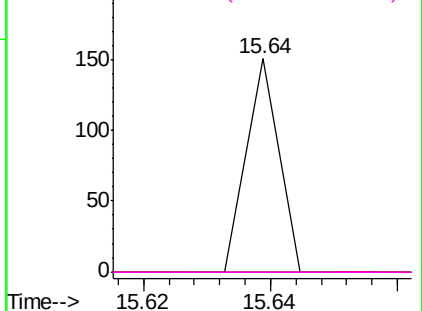
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.017 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.24 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 53
 Ion Ratio Lower Upper
 232 100
 131 0.0 34.9 52.3#
 130 0.0 2.0 3.0#
 166 0.0 24.1 36.1#

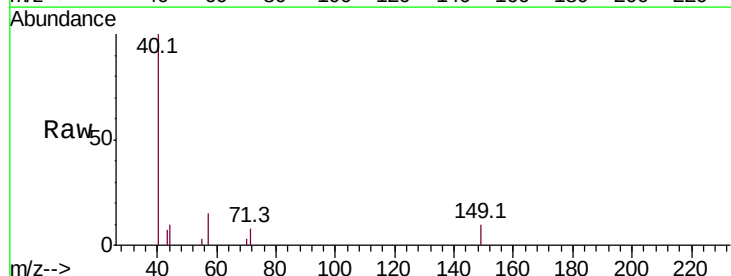


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

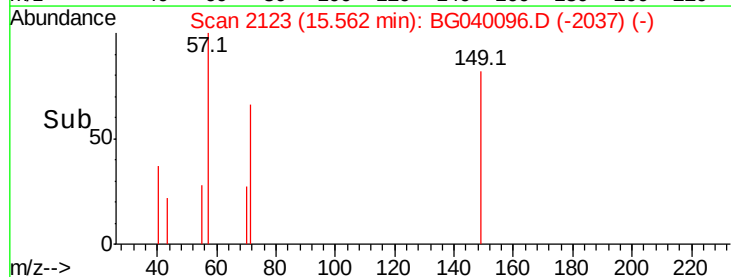
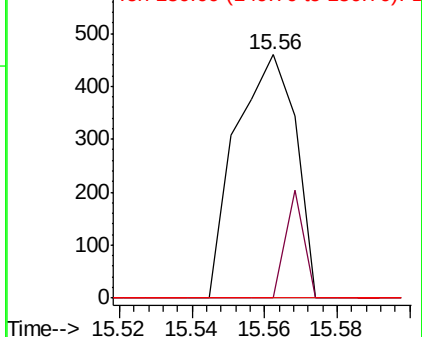


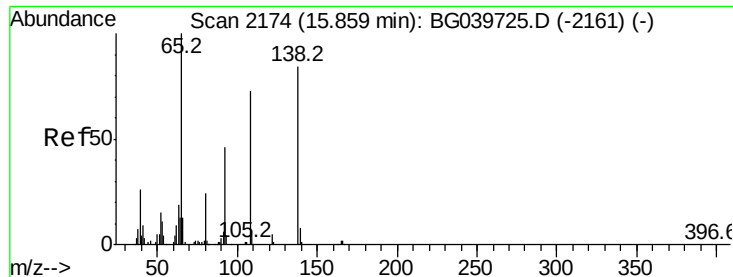
#60
 Diethylphthalate
 Concen: 0.045 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.03 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

Tgt Ion:149 Resp: 524
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.3 27.5#
 150 0.0 10.2 15.2#



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

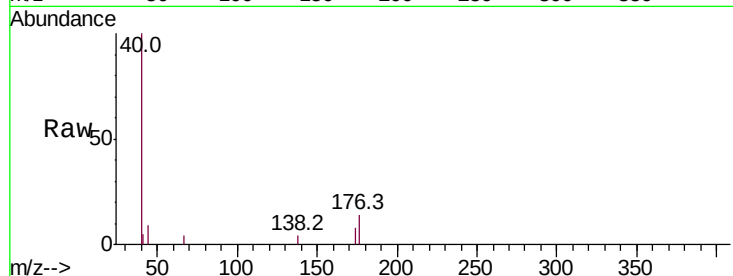




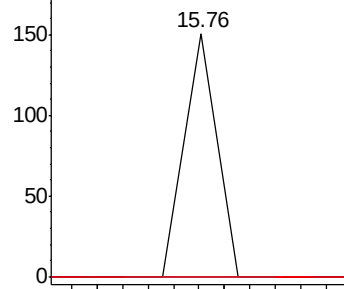
#62
4-Nitroaniline
Concen: 0.020 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.11 min
Lab File: BG040096.D
Acq: 22 Mar 2019 23:35

Instrument :
BNA_G
ClientSampleId :

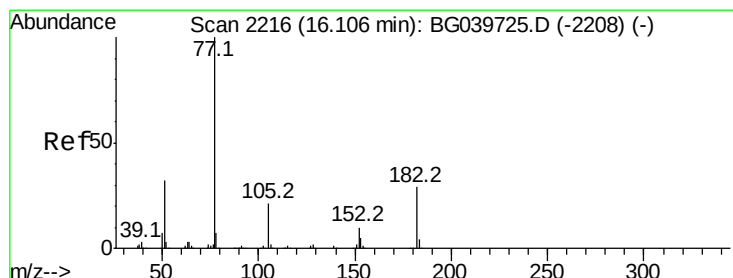
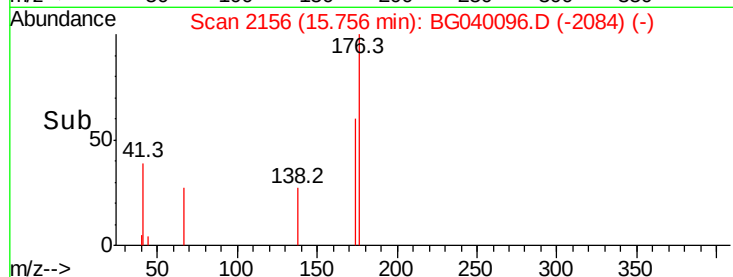
Tot Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
92 0.0 38.7 78.7#
108 0.0 74.6 114.6#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

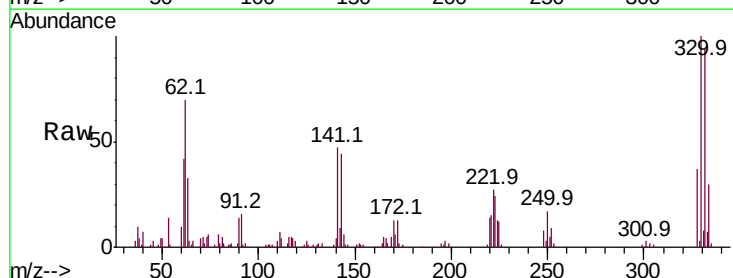


Time--> 15.74 15.76

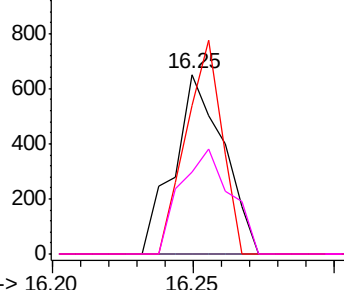


#63
Azobenzene
Concen: 0.076 ng
RT: 16.25 min Scan# 2240
Delta R.T. 0.14 min
Lab File: BG040096.D
Acq: 22 Mar 2019 23:35

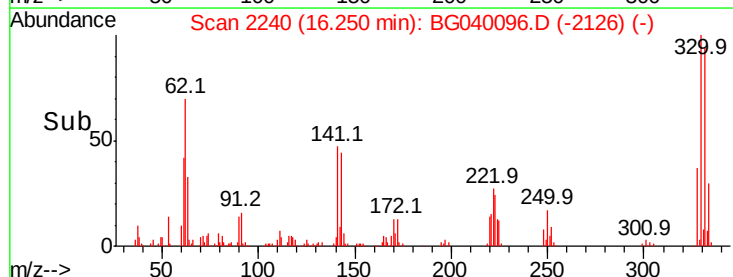
Tgt Ion: 77 Resp: 795
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 83.0 0.0 39.8#
51 45.7 14.1 54.1

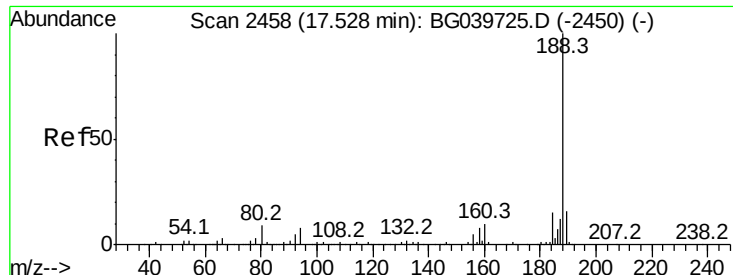


Abundance Ion 77.00 (76.70 to 77.70): BG
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BG



Time--> 16.20 16.25

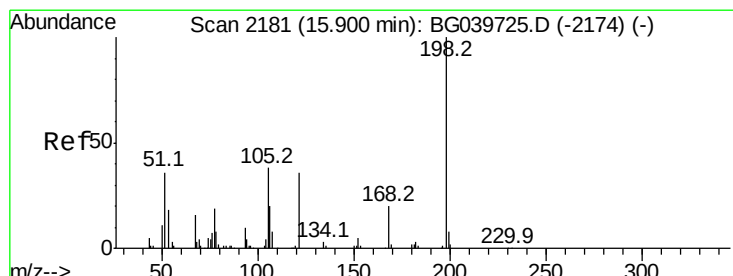
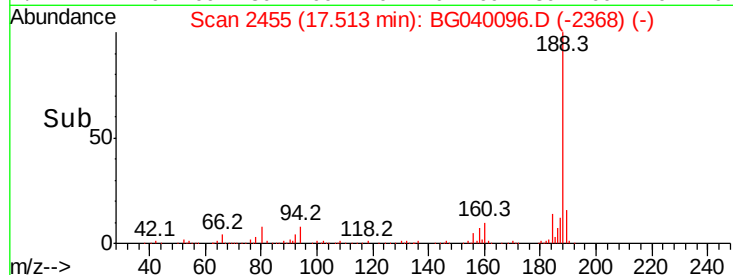
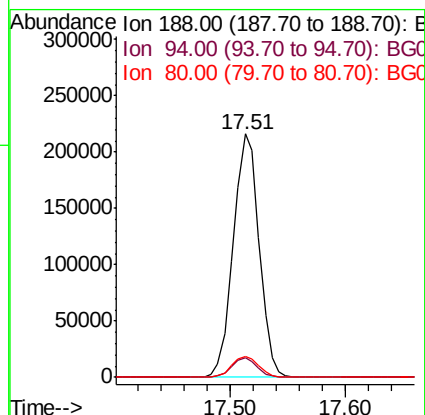
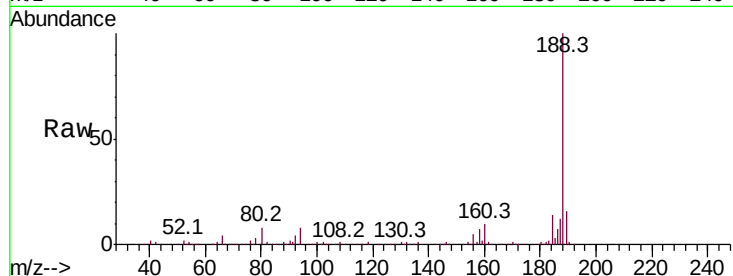




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

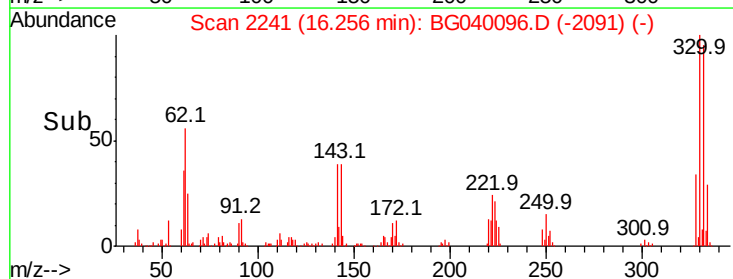
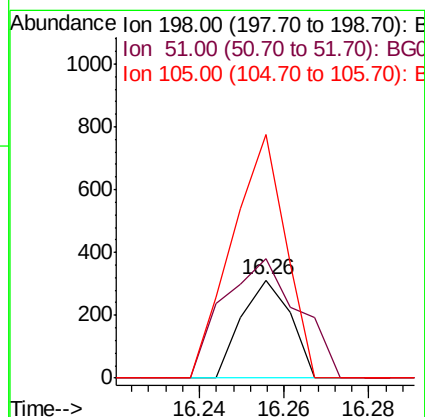
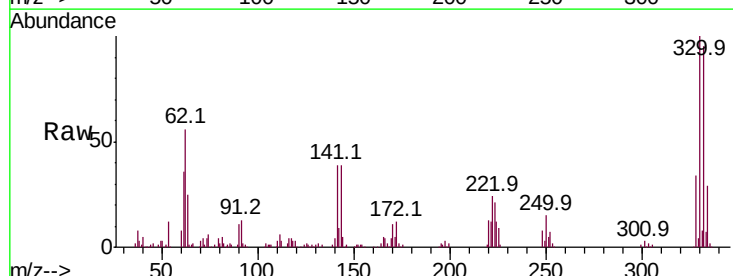
Instrument :
 BNA_G
 ClientSampled :

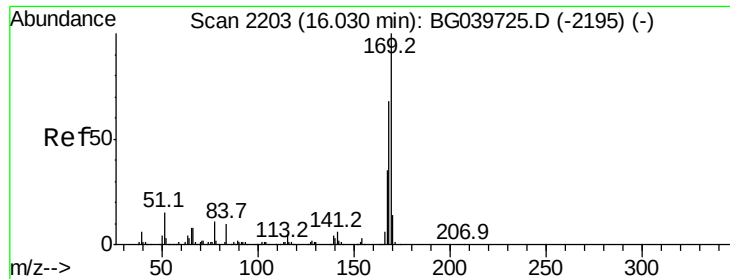
Tot Ion:188 Resp: 334926
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.9 10.3
 80 8.3 8.1 12.1



#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.127 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. 0.35 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

Tgt Ion:198 Resp: 251
 Ion Ratio Lower Upper
 198 100
 51 121.5 27.4 67.4#
 105 248.4 19.7 59.7#

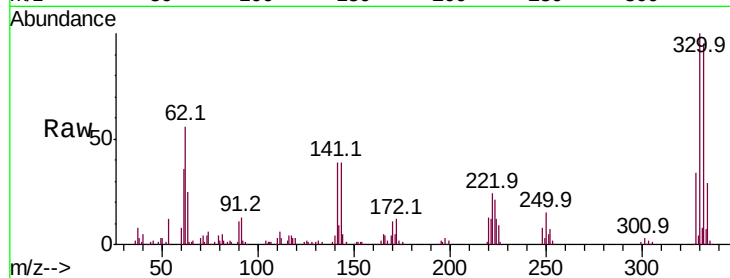




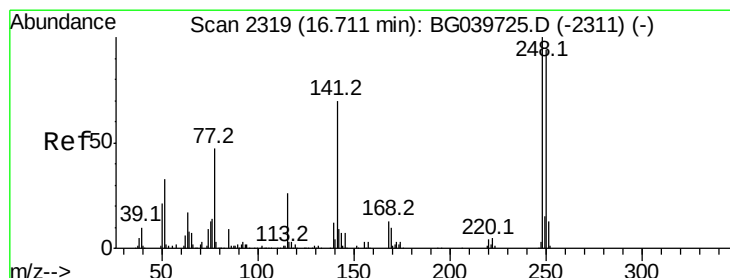
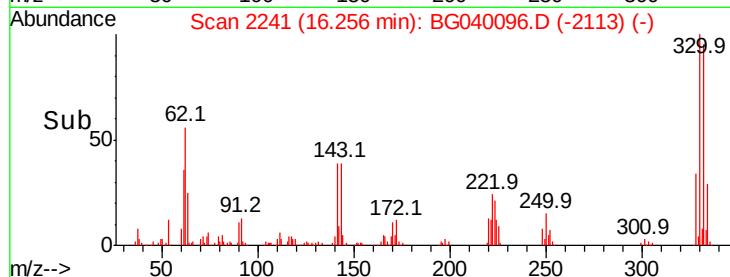
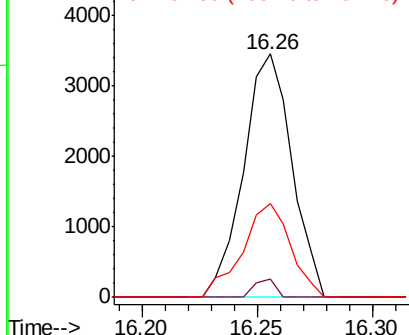
#66
 n-Nitrosodiphenylamine
 Concen: 0.517 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 5015
 Ion Ratio Lower Upper
 169 100
 168 7.6 56.6 85.0#
 167 38.6 28.8 43.2

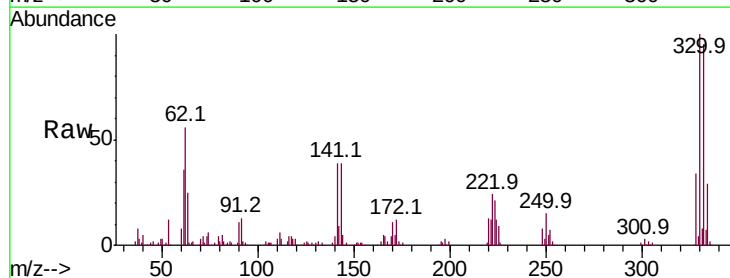


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

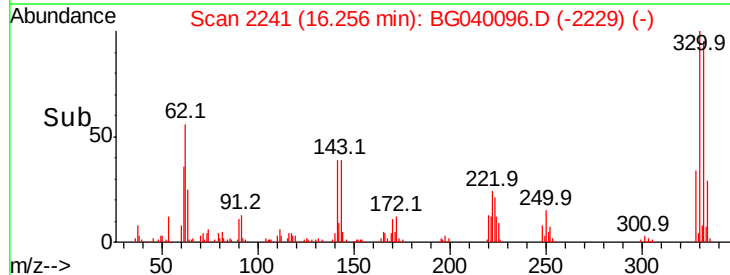
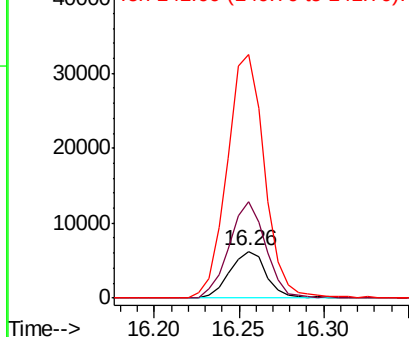


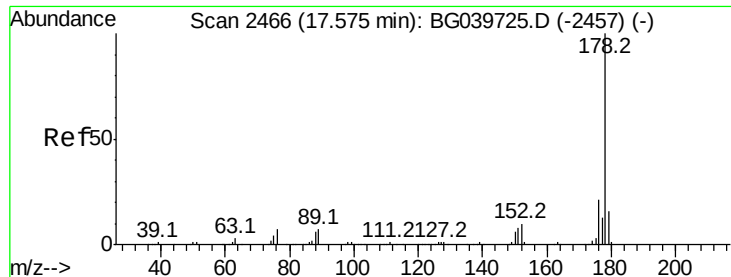
#67
 4-Bromophenyl-phenylether
 Concen: 2.511 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

Tgt Ion:248 Resp: 9413
 Ion Ratio Lower Upper
 248 100
 250 205.5 77.6 116.4#
 141 521.5 63.9 95.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 0.005 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

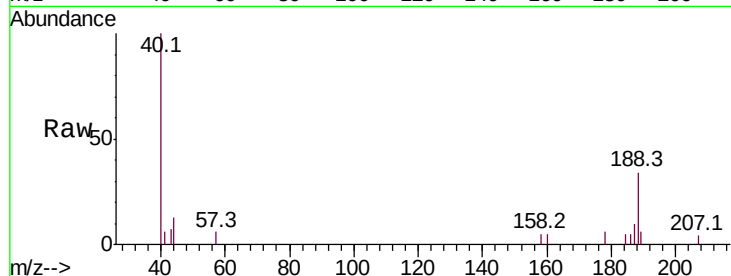
Tot Ion:178 Resp: 90

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

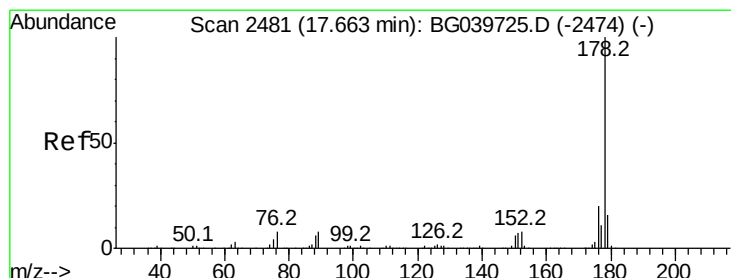
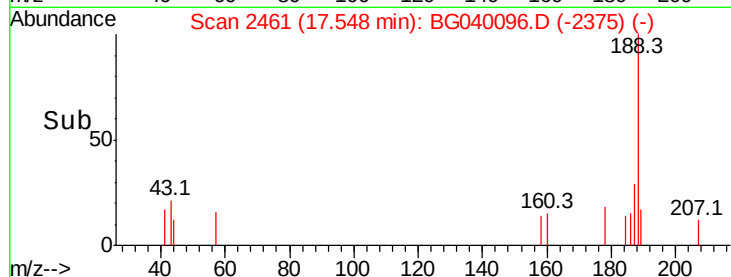
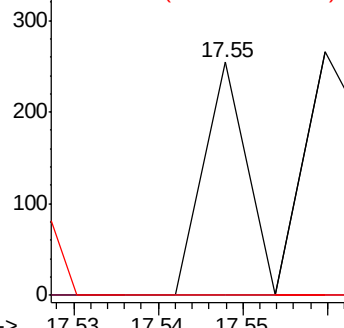
179 0.0 12.6 19.0#



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: 0.009 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.11 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

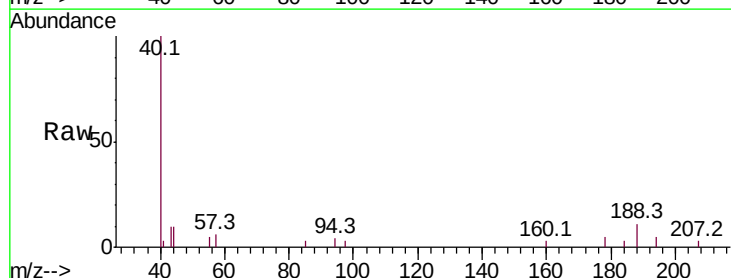
Tgt Ion:178 Resp: 155

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

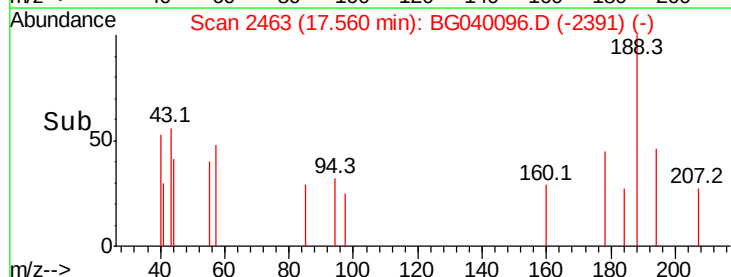
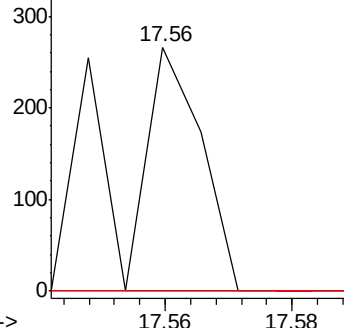
179 0.0 12.5 18.7#

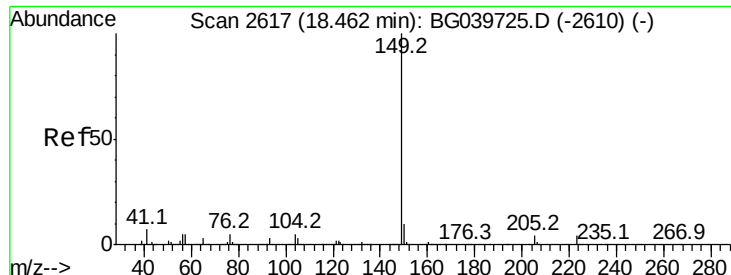


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.092 ng

RT: 18.45 min Scan# 2614

Delta R.T. -0.02 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

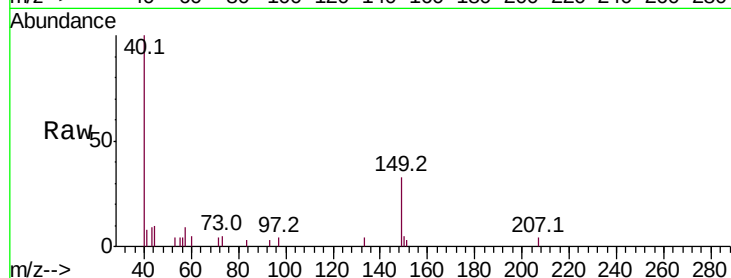
Tot Ion:149 Resp: 1757

Ion Ratio Lower Upper

149 100

150 14.0 7.7 11.5#

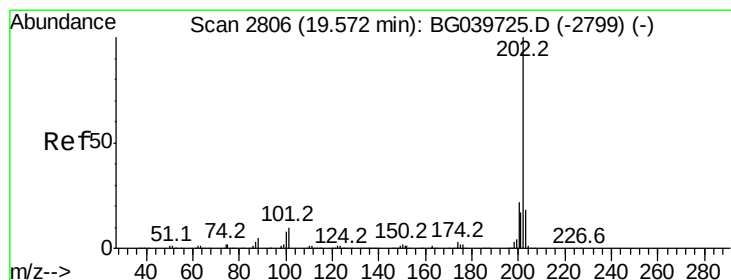
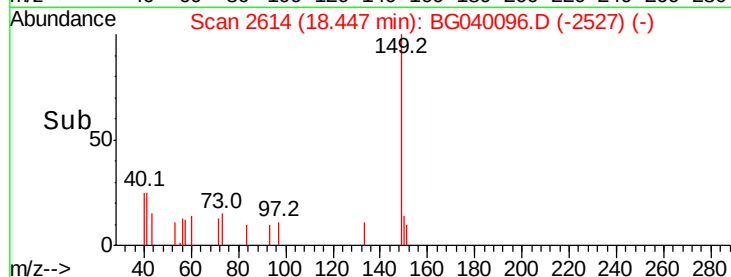
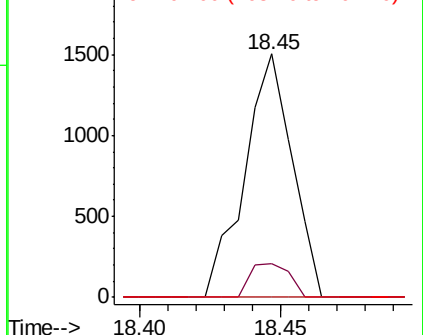
104 0.0 4.5 6.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.004 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

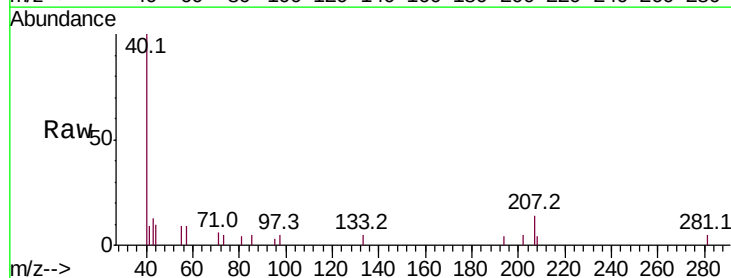
Tgt Ion:202 Resp: 83

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

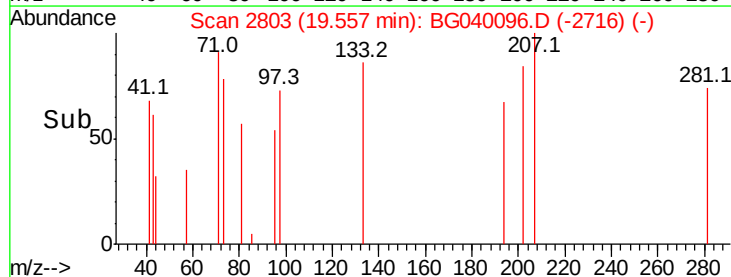
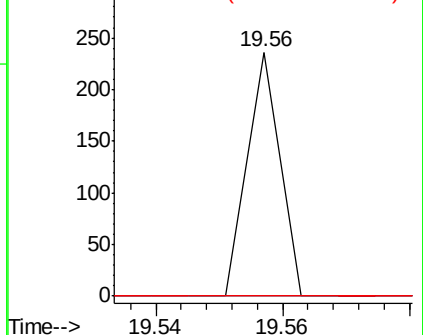
203 0.0 0.0 38.9

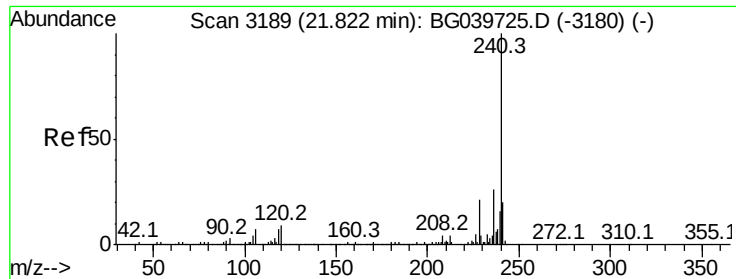


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

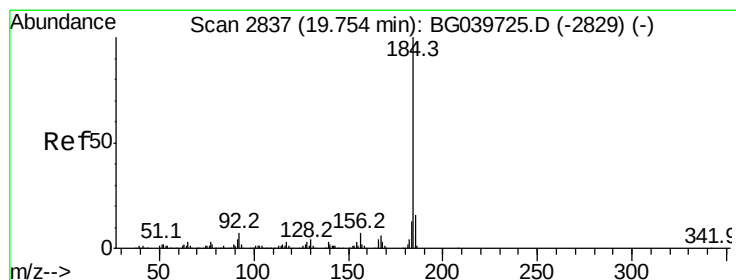
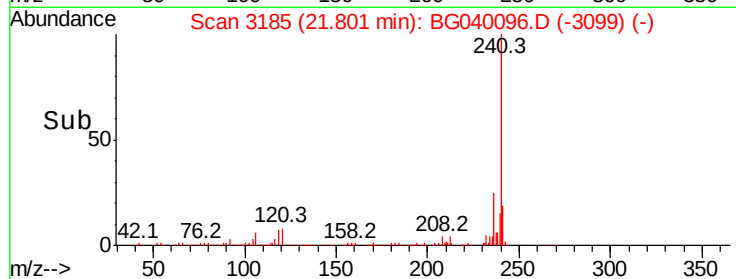
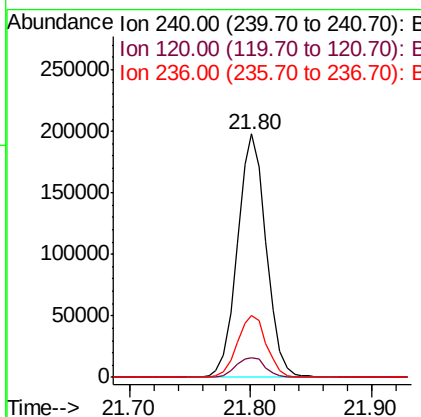
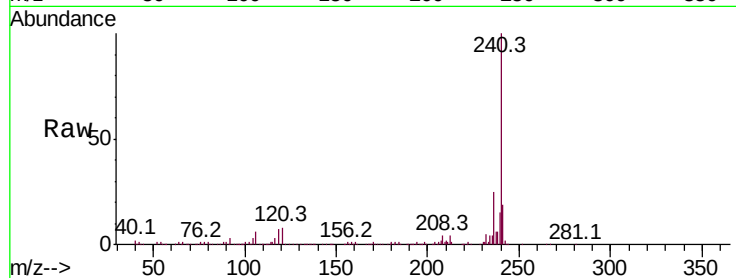




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.03 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

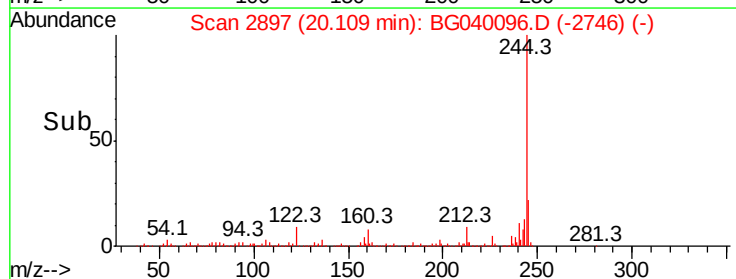
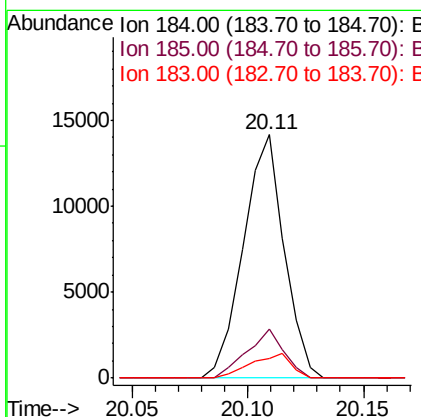
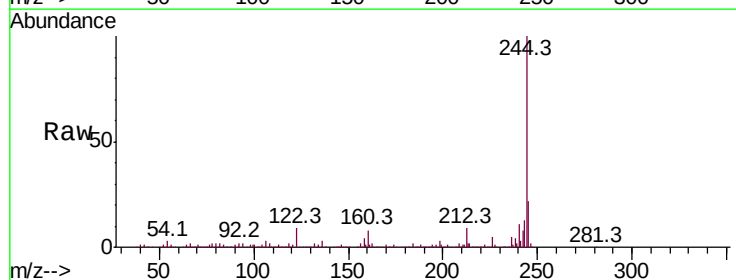
Instrument :
 BNA_G
 ClientSampleId :

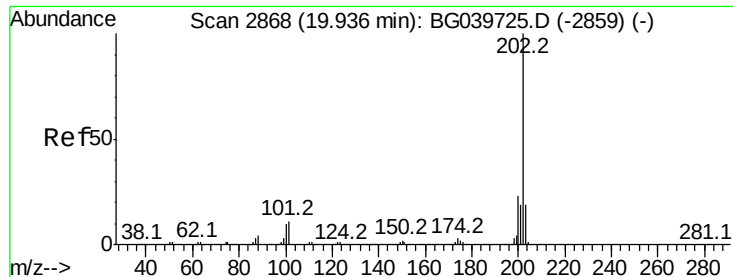
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	25.4	21.0	31.4



#77
 Benzidine
 Concen: 1.675 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. 0.35 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	20.0	12.2	18.2#
183	8.2	10.6	15.8#





#78

Pvrene

Concen: 0.215 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.17 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

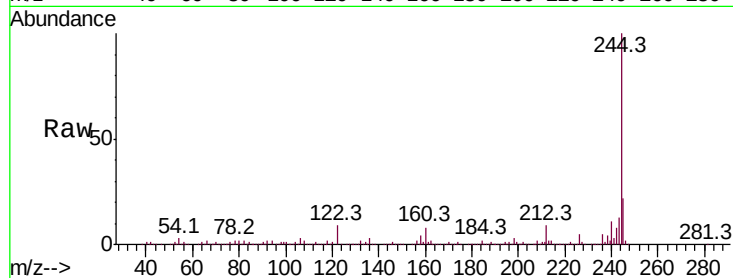
Tot Ion:202 Resp: 4571

Ion Ratio Lower Upper

202 100

200 31.8 17.8 26.8#

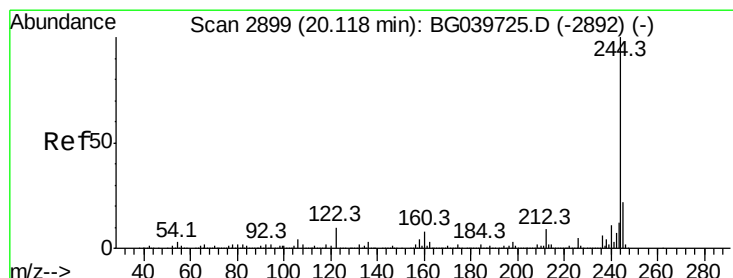
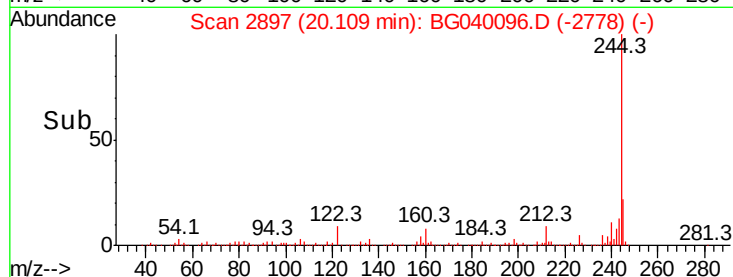
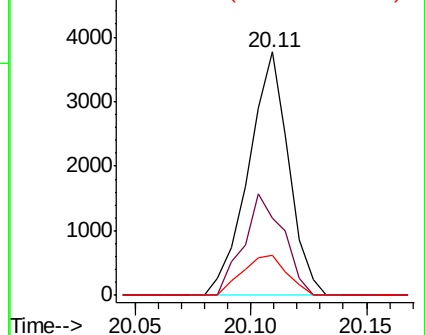
203 16.3 15.3 22.9



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: 67.883 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

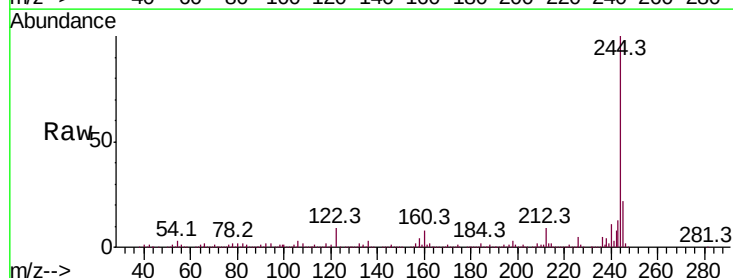
Tgt Ion:244 Resp: 1008097

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

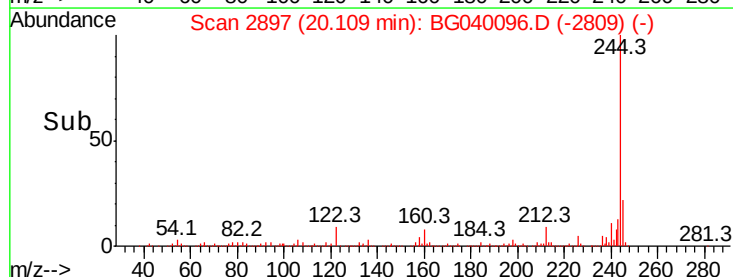
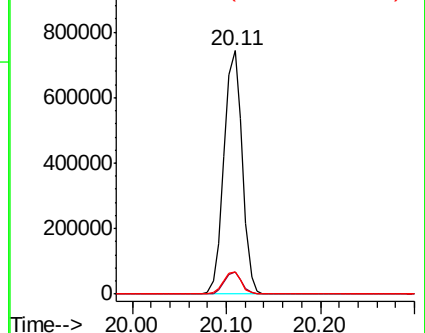
122 8.9 8.4 12.6

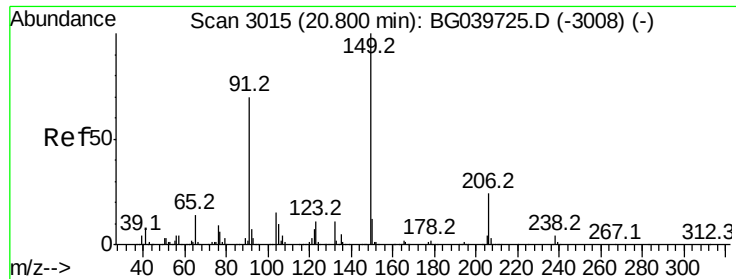


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

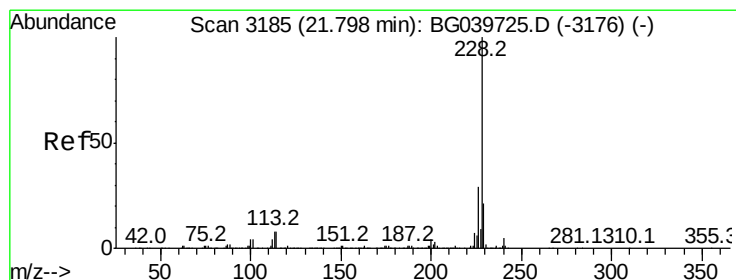
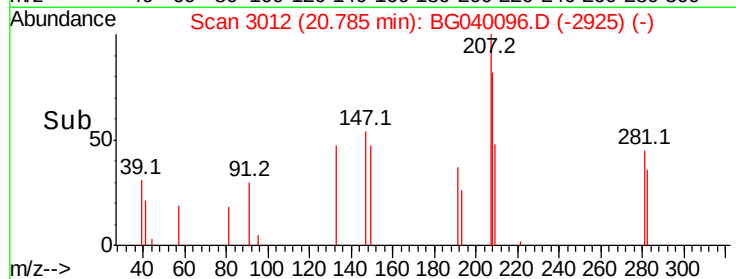
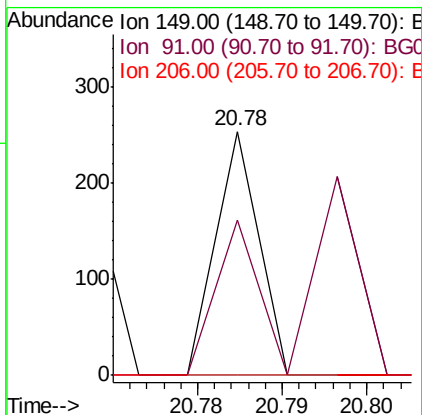
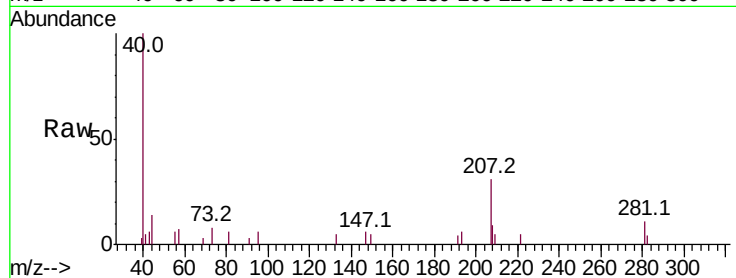




#80
 Butylbenzylphthalate
 Concen: 0.011 ng
 RT: 20.78 min Scan# 3012
 Delta R.T. -0.02 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

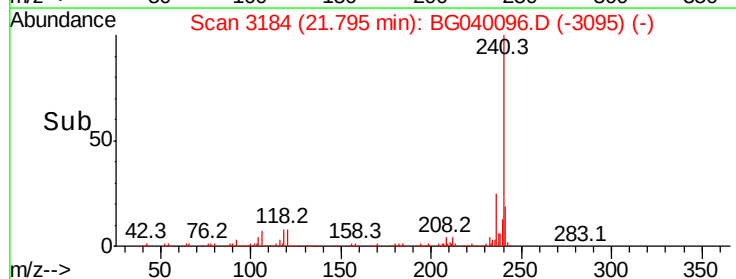
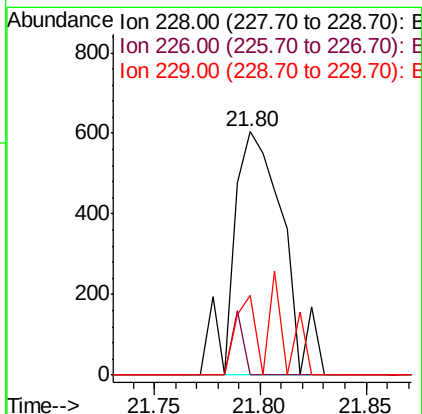
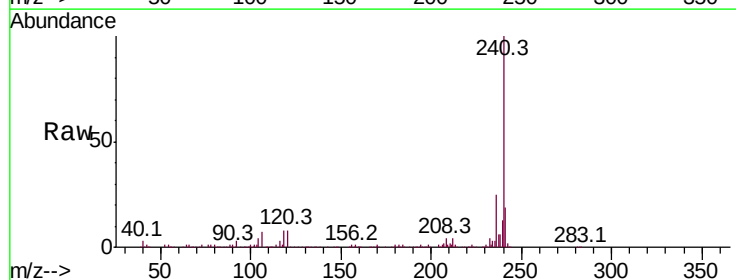
Instrument :
 BNA_G
 ClientSampled :

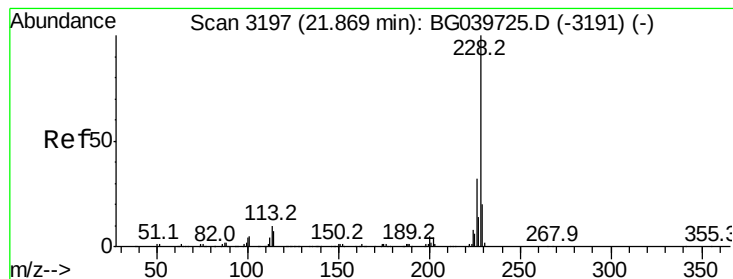
Tot Ion:	149	Resp:	89
Ion Ratio	Lower	Upper	
149	100		
91	63.6	59.5	89.3
206	0.0	18.6	27.8#



#81
 Benzo(a)anthracene
 Concen: 0.049 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. -0.01 min
 Lab File: BG040096.D
 Acq: 22 Mar 2019 23:35

Tgt Ion:	228	Resp:	994
Ion Ratio	Lower	Upper	
228	100		
226	0.0	23.0	34.6#
229	32.6	16.9	25.3#





#83

Chrysene

Concen: 0.050 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.08 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

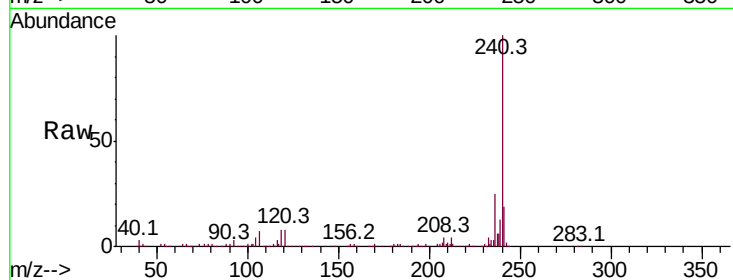
Tot Ion:228 Resp: 994

Ion Ratio Lower Upper

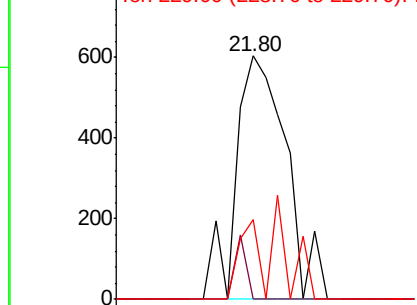
228 100

226 0.0 25.8 38.6#

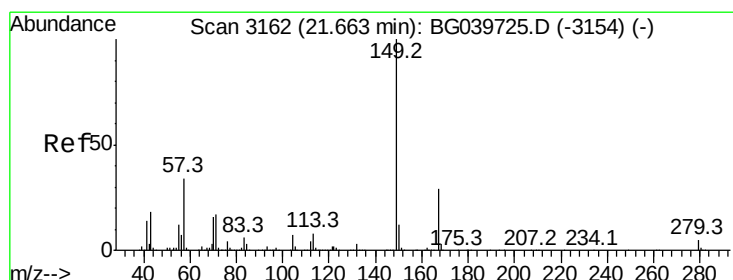
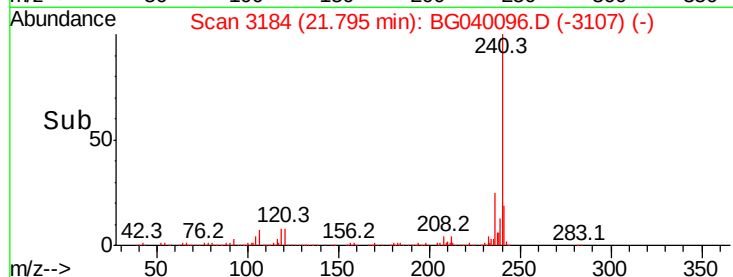
229 32.6 16.6 25.0#



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: 0.083 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

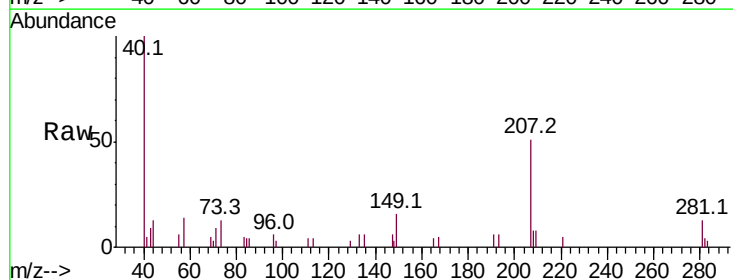
Tgt Ion:149 Resp: 960

Ion Ratio Lower Upper

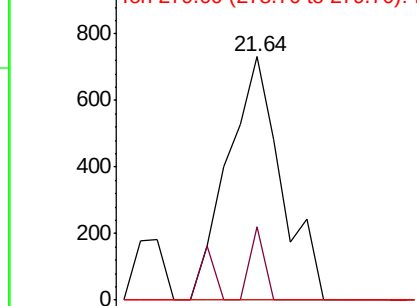
149 100

167 30.3 22.6 34.0

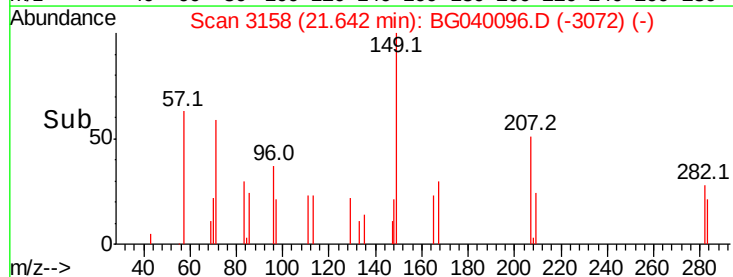
279 0.0 3.5 5.3#

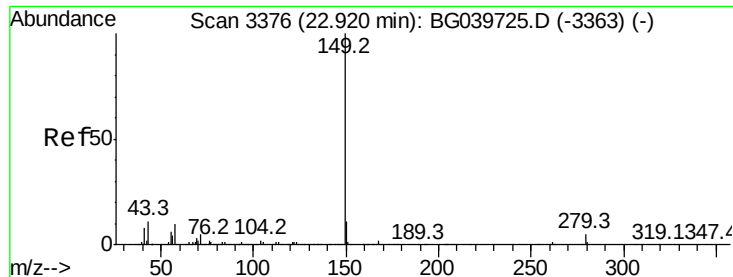


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->

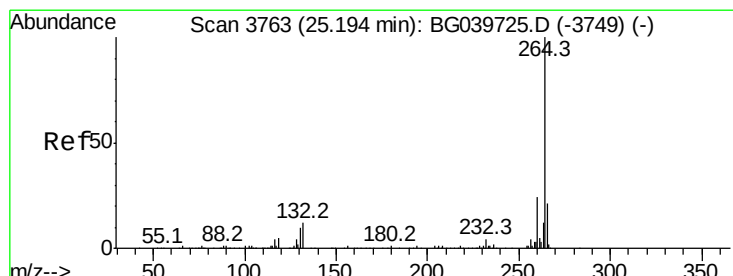
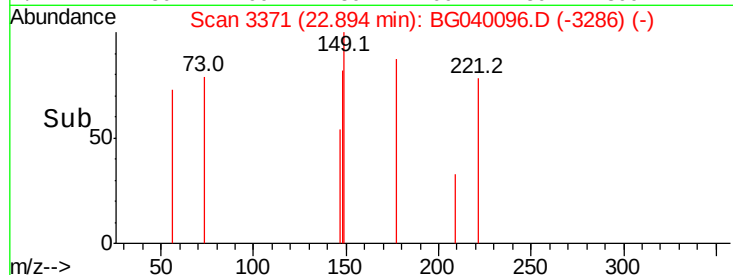
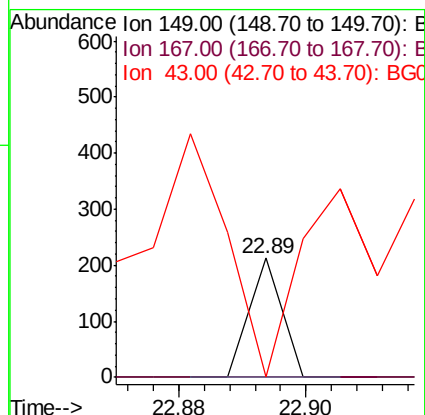
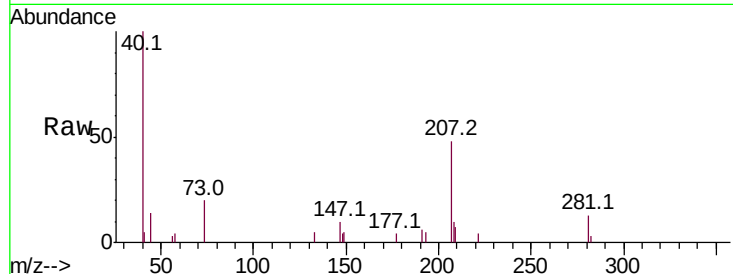




#85
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.03 min
Lab File: BG040096.D
Acq: 22 Mar 2019 23:35

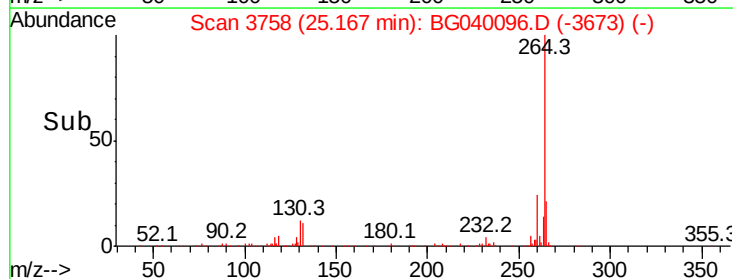
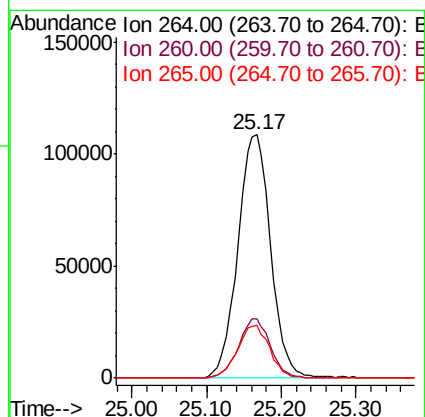
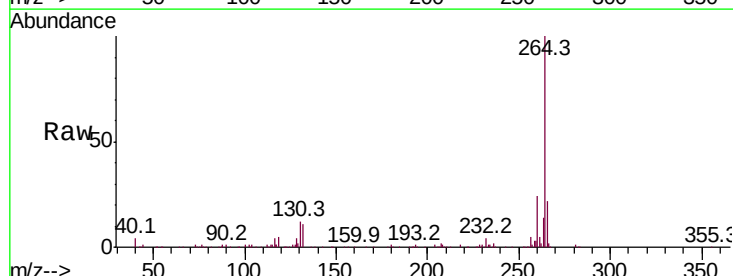
Instrument :
BNA_G
ClientSampled :

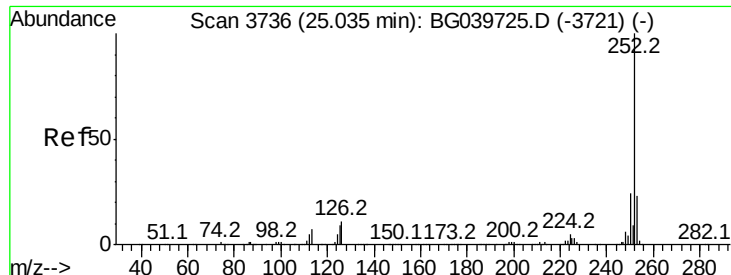
Tot Ion:149 Resp: 75
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 593.3 10.2 15.4#



#87
Perylene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG040096.D
Acq: 22 Mar 2019 23:35

Tgt Ion:264 Resp: 330721
Ion Ratio Lower Upper
264 100
260 24.3 18.2 27.4
265 21.5 18.5 27.7





#90

Benzo(a)pyrene

Concen: 0.004 ng

RT: 25.13 min Scan# 3751

Delta R.T. 0.08 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

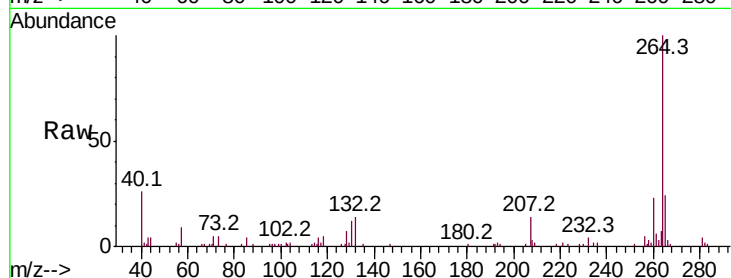
Tot Ion:252 Resp: 64

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

