

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040085.D
 Acq On : 22 Mar 2019 16:14
 Operator : JU/SJ
 Sample : K2040-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 02:06:17 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	43645	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	175853	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	113680	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	275444	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	295377	20.00	ng	-0.02
87) Perylene-d12	25.17	264	298490	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	371286	145.13	ng	-0.02
7) Phenol-d6	7.30	99	520183	136.37	ng	-0.02
23) Nitrobenzene-d5	9.32	82	309778	95.27	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	200735	151.50	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	694476	86.98	ng	-0.02
79) Terphenyl-d14	20.11	244	1052575	78.46	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	72	0.061	ng	# 1
3) Pyridine	3.57	79	79	0.025	ng	# 1
4) n-Nitrosodimethylamine	3.90	42	141	0.094	ng	# 1
6) Aniline	7.33	93	72	0.014	ng	# 1
9) Benzaldehyde	7.30	77	994	0.404	ng	# 4
10) Phenol	7.32	94	6884	1.666	ng	# 71
11) bis(2-Chloroethyl)ether	7.67	93	561	0.174	ng	# 1
15) Benzyl Alcohol	8.46	79	4636	1.532	ng	# 56
16) 2,2'-oxybis(1-Chloropropan	8.75	45	66	0.010	ng	# 75
19) n-Nitroso-di-n-propylamine	9.32	70	40700	14.823	ng	# 67
24) Nitrobenzene	9.32	77	1028	0.301	ng	# 30
28) bis(2-Chloroethoxy)methane	10.75	93	57	0.014	ng	# 51
46) 1,1'-Biphenyl	13.60	154	945	0.101	ng	# 88
48) 2-Nitroaniline	14.20	65	739	0.327	ng	# 1
50) Dimethylphthalate	14.21	163	70211	7.386	ng	# 98
51) 2,6-Dinitrotoluene	14.21	165	730	0.362	ng	# 17
52) Acenaphthene	14.76	154	387	0.056	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	14940	5.276	ng	# 17
58) Fluorene	16.26	166	8157	0.910	ng	# 93
60) Diethylphthalate	15.56	149	617	0.066	ng	# 52
63) Azobenzene	15.99	77	59	0.007	ng	# 47
65) 4,6-Dinitro-2-methylphenol	16.25	198	711	0.437	ng	# 29
66) n-Nitrosodiphenylamine	16.26	169	8289	1.039	ng	# 44
67) 4-Bromophenyl-phenylether	16.25	248	15744	5.106	ng	# 1
69) Atrazine	16.96	200	54	0.017	ng	# 35
71) Phenanthrene	17.56	178	79	0.005	ng	# 59
72) Anthracene	17.56	178	79	0.005	ng	# 60
74) Di-n-butylphthalate	18.45	149	1777	0.113	ng	# 77
75) Fluoranthene	19.58	202	53	0.003	ng	# 63
77) Benzidine	20.11	184	18325	1.955	ng	# 94
78) Pyrene	20.11	202	4346	0.226	ng	# 67
80) Butylbenzylphthalate	20.80	149	189	0.025	ng	# 22
81) Benzo(a)anthracene	21.81	228	887	0.048	ng	# 58
83) Chrysene	21.81	228	887	0.049	ng	# 55

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040085.D
Acq On : 22 Mar 2019 16:14
Operator : JU/SJ
Sample : K2040-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 23 02:06:17 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

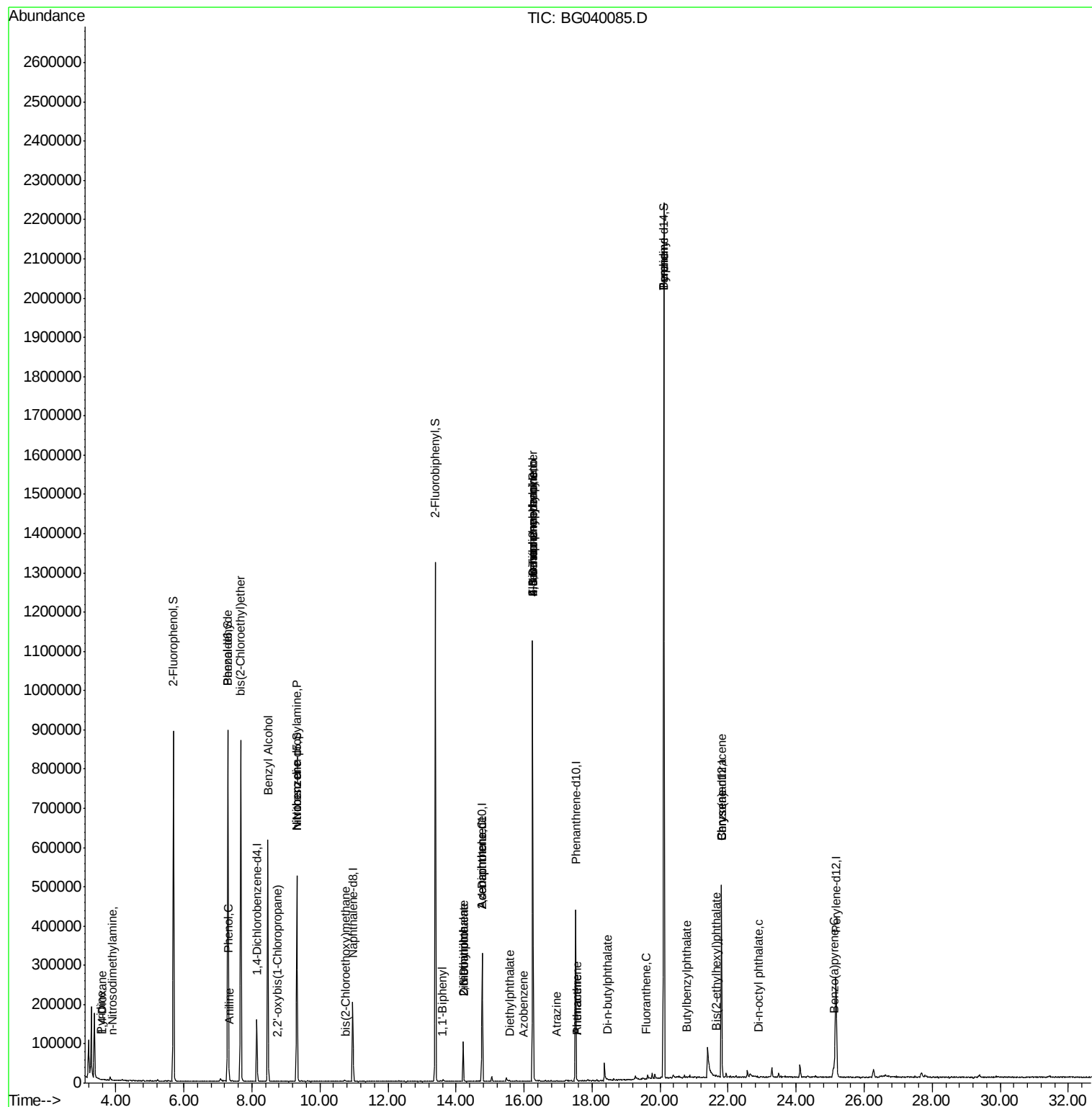
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.64	149	1570	0.150	ng	# 79
85) Di-n-octyl phthalate	22.90	149	129	0.007	ng	# 71
90) Benzo(a)pyrene	25.12	252	61	0.004	ng	# 1

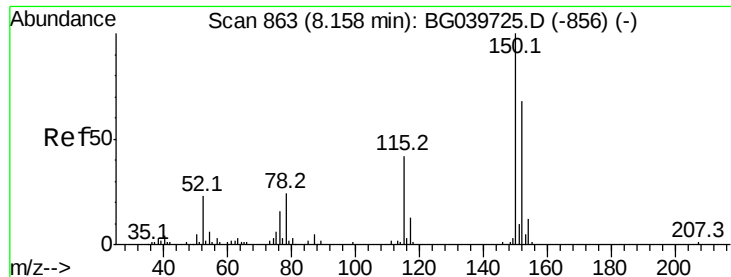
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040085.D
Acq On : 22 Mar 2019 16:14
Operator : JU/SJ
Sample : K2040-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 23 02:06:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

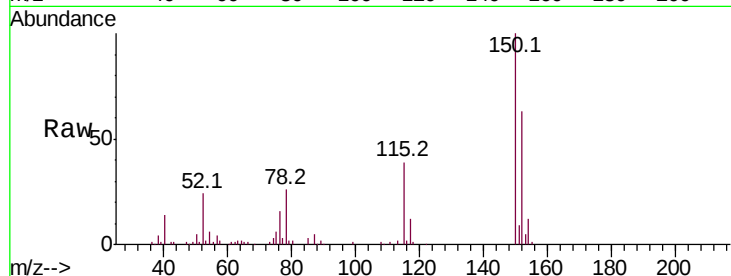
Tot Ion:152 Resp: 43645

Ion Ratio Lower Upper

152 100

150 158.9 123.7 185.5

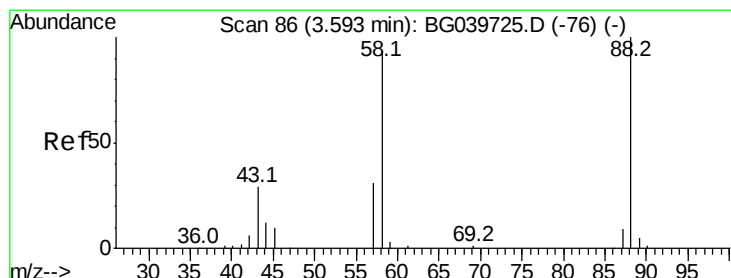
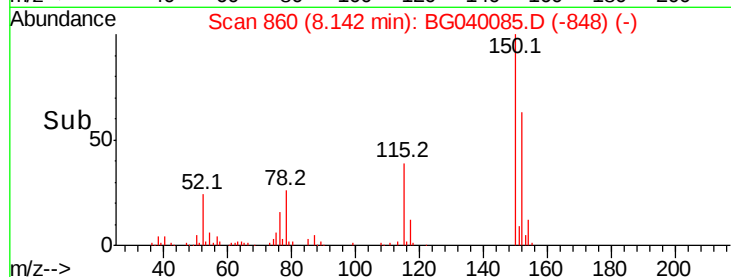
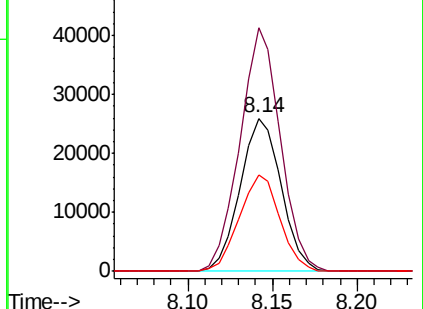
115 62.7 45.9 68.9



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: 0.061 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

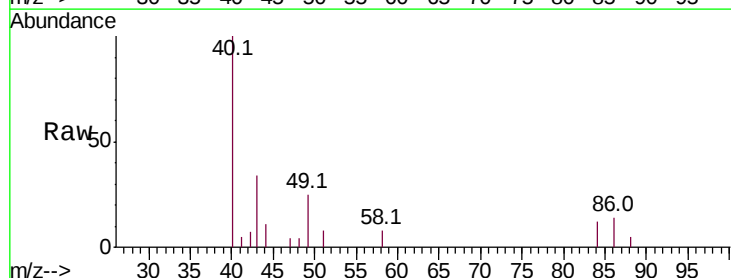
Tgt Ion: 88 Resp: 72

Ion Ratio Lower Upper

88 100

58 672.2 81.1 121.7#

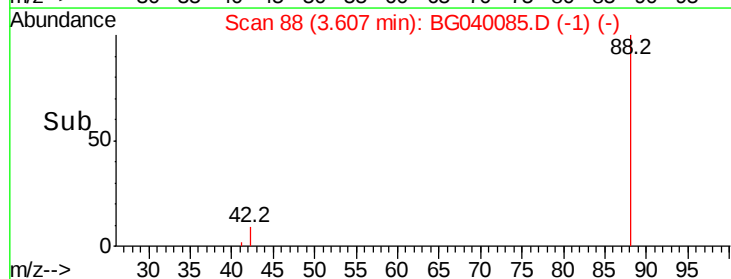
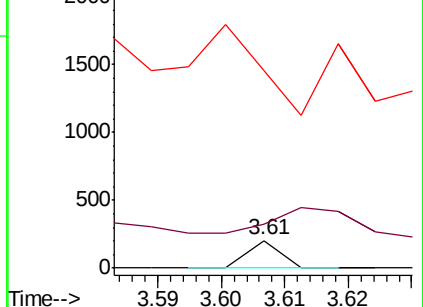
43 0.0 31.4 47.0#

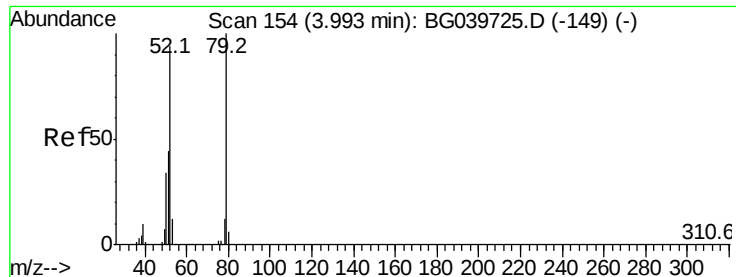


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.025 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.43 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

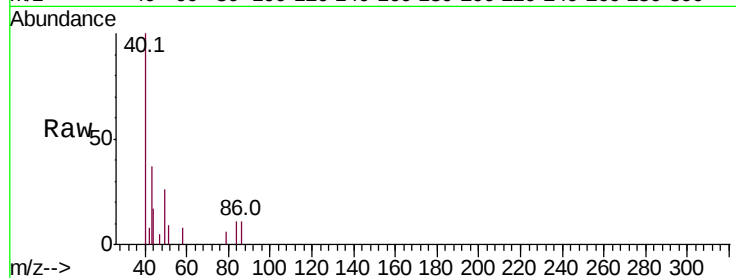
Tot Ion: 79 Resp: 79

Ion Ratio Lower Upper

79 100

52 0.0 82.6 124.0#

51 154.7 37.5 56.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

600

500

400

300

200

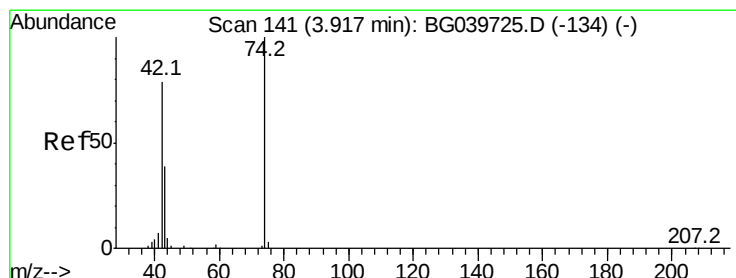
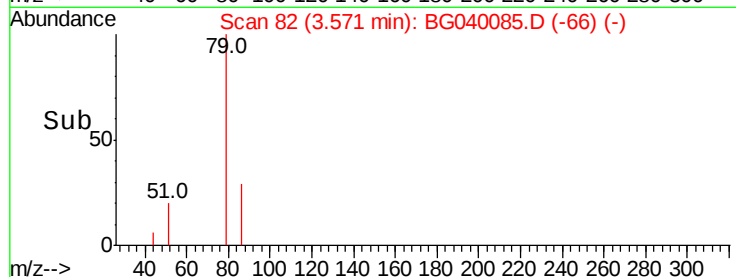
100

0

3.55 3.56 3.57 3.58 3.59

3.57

Time-->



#4

n-Nitrosodimethylamine

Concen: 0.094 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

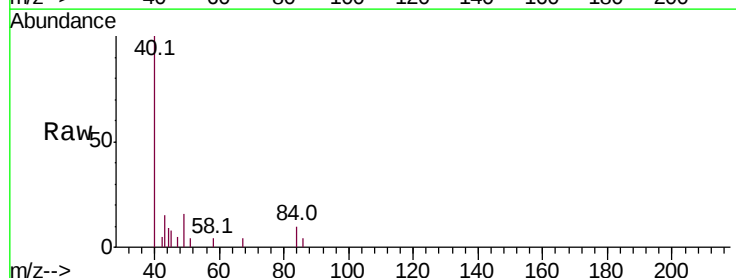
Tgt Ion: 42 Resp: 141

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 173.6 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC

600

400

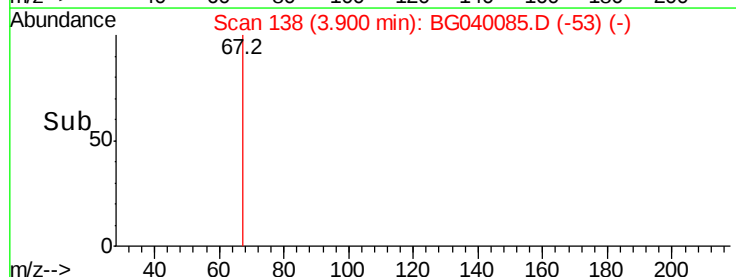
200

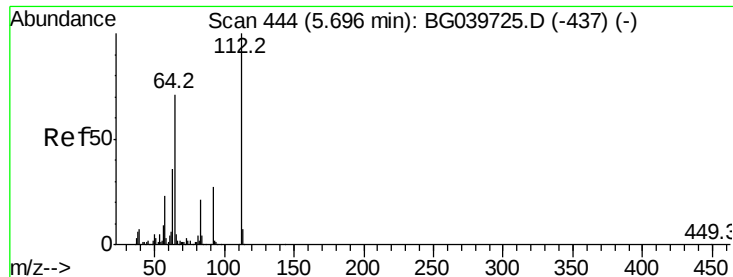
0

3.88 3.89 3.90 3.91 3.92

3.90

Time-->





#5

2-Fluorophenol

Concen: 145.129 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

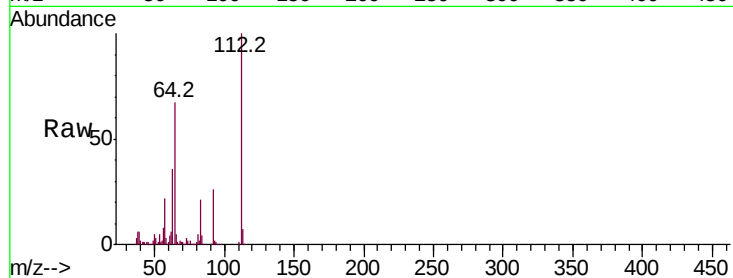
Tot Ion:112 Resp: 371286

Ion Ratio Lower Upper

112 100

64 67.3 57.8 86.8

63 35.9 29.8 44.6



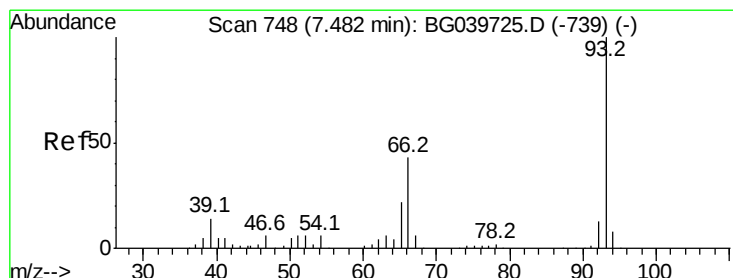
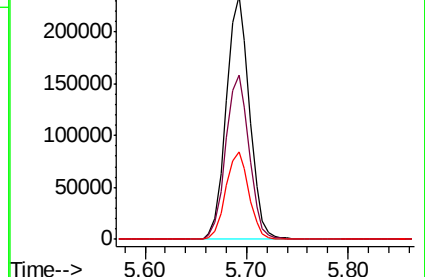
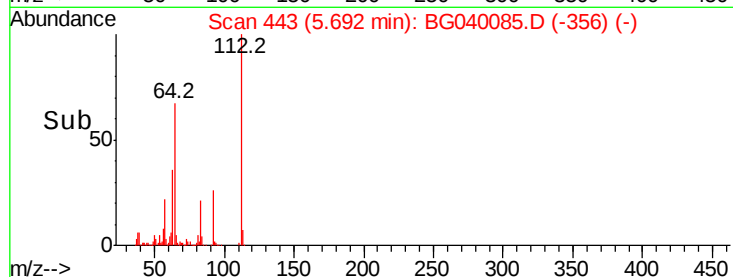
Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.69

Time-->



#6

Aniline

Concen: 0.014 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.16 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

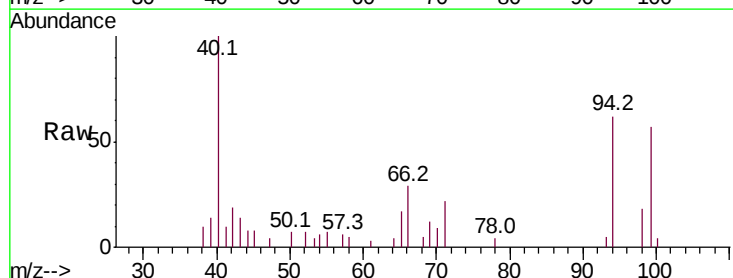
Tgt Ion: 93 Resp: 72

Ion Ratio Lower Upper

93 100

66 633.0 34.2 51.4#

65 381.8 17.7 26.5#



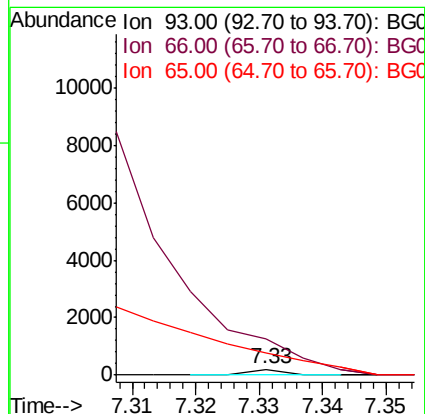
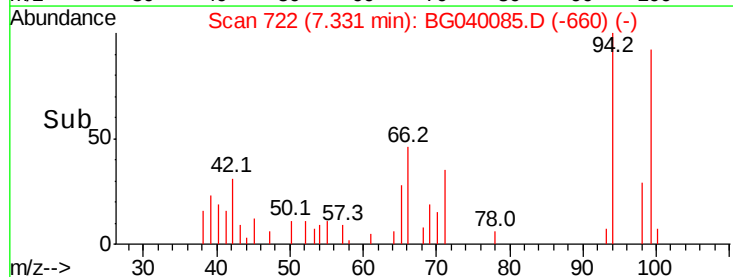
Abundance Ion 93.00 (92.70 to 93.70): BGC

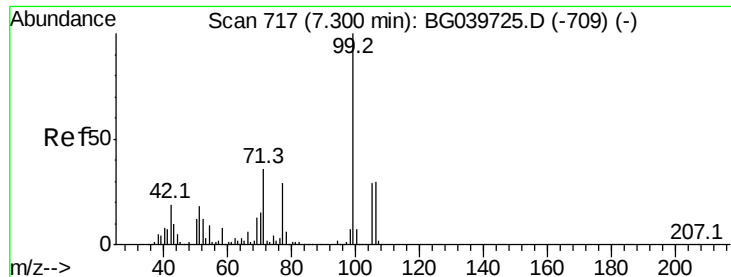
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.33

Time-->





#7

Phenol-d6

Concen: 136.367 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampled :

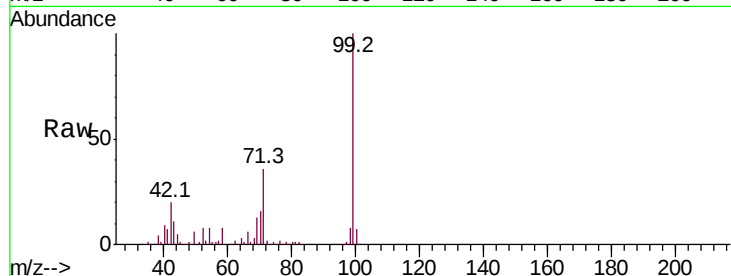
Tot Ion: 99 Resp: 520183

Ion Ratio Lower Upper

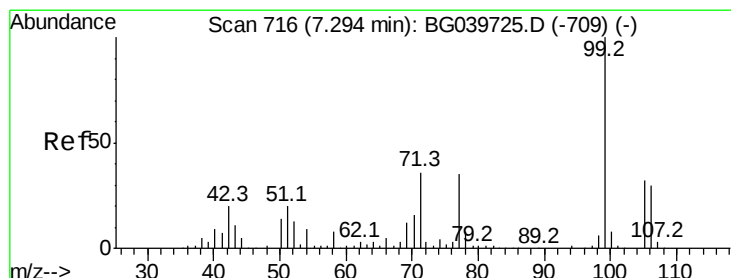
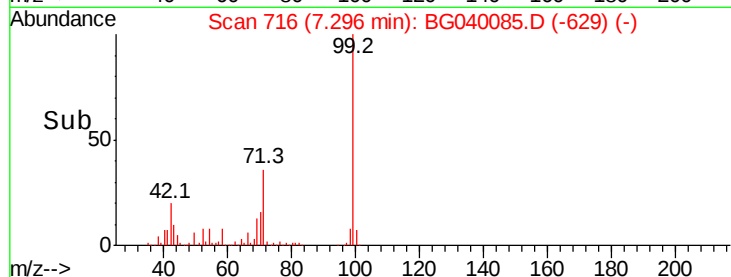
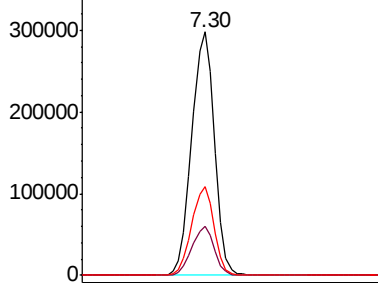
99 100

42 20.0 18.2 27.2

71 36.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 0.404 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

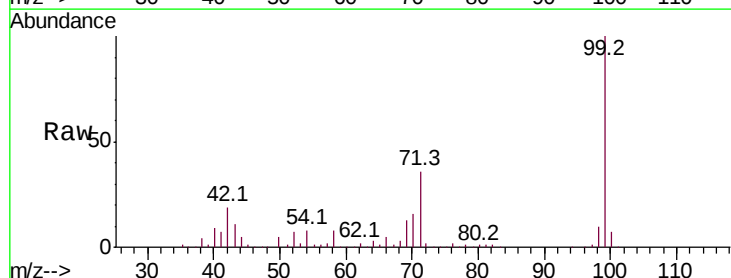
Tgt Ion: 77 Resp: 994

Ion Ratio Lower Upper

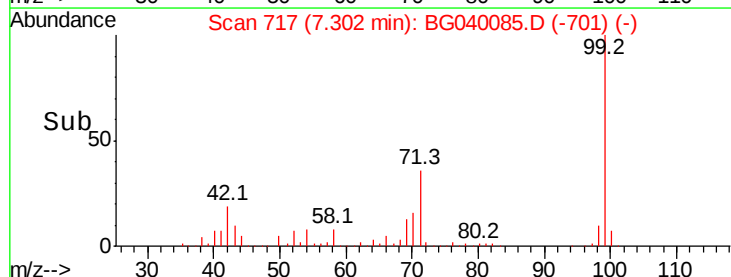
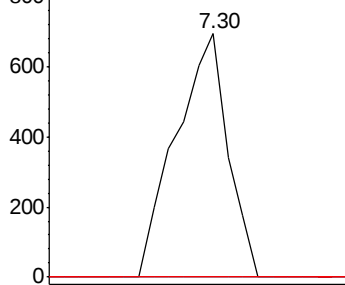
77 100

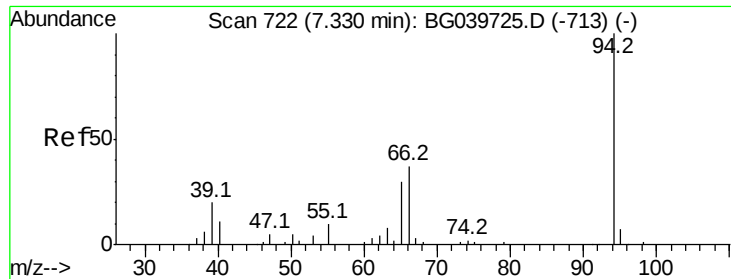
105 0.0 74.5 114.5#

106 0.0 68.0 108.0#



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





#10

Phenol

Concen: 1.666 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

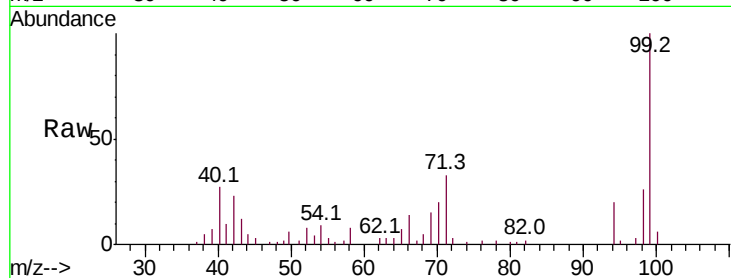
Tot Ion: 94 Resp: 6884

Ion Ratio Lower Upper

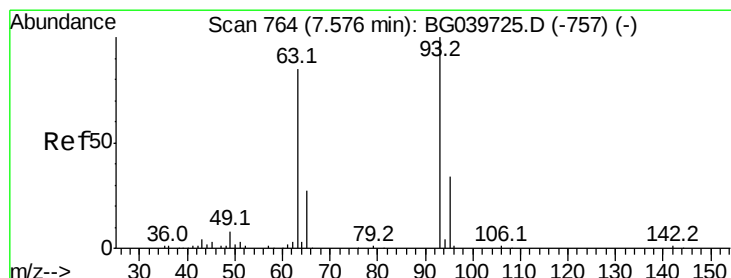
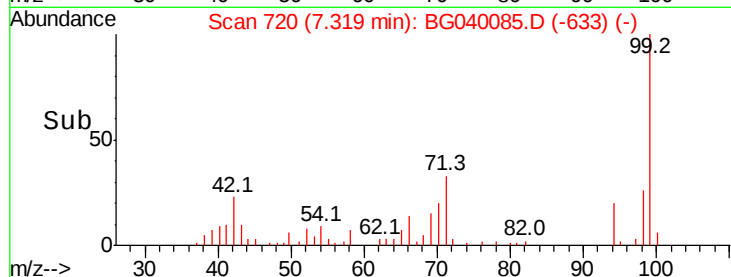
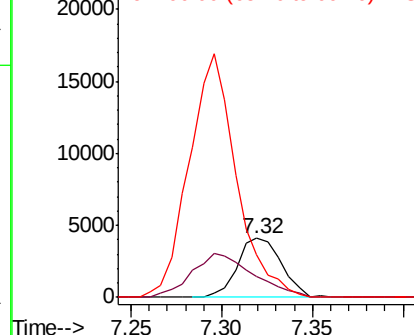
94 100

65 36.6 11.7 51.7

66 71.8 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: 0.174 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.08 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

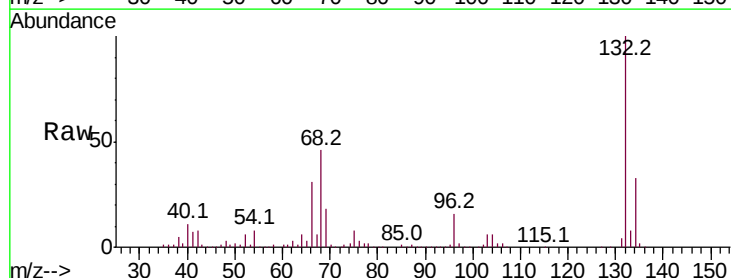
Tgt Ion: 93 Resp: 561

Ion Ratio Lower Upper

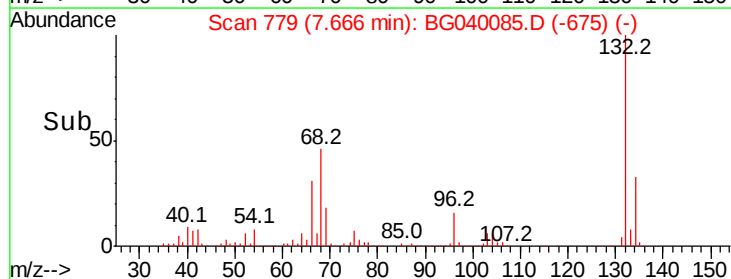
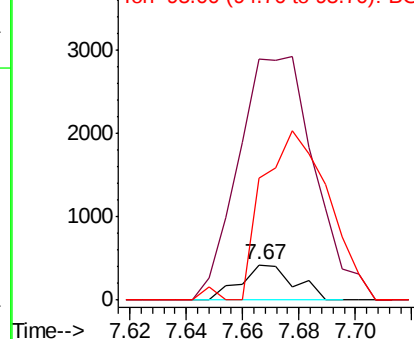
93 100

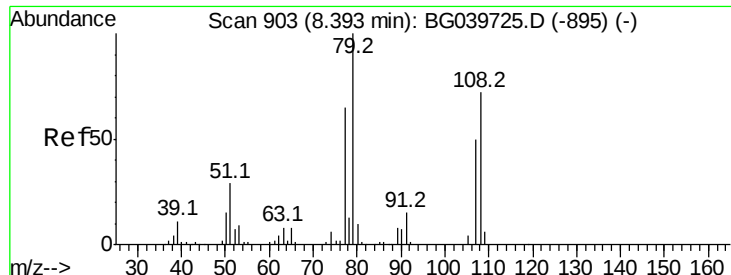
63 689.1 69.5 109.5#

95 347.3 12.7 52.7#



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





#15

Benzyl Alcohol

Concen: 1.532 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.06 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

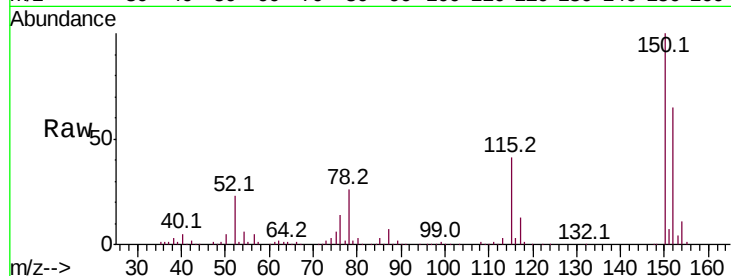
Tot Ion: 79 Resp: 4636

Ion Ratio Lower Upper

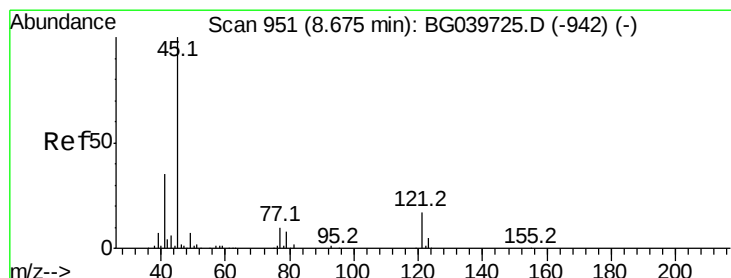
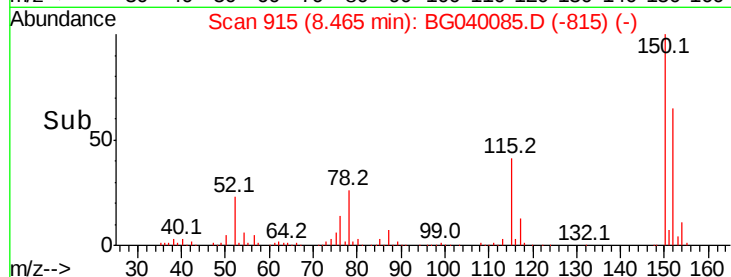
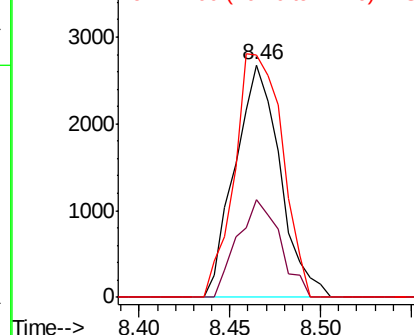
79 100

108 42.1 57.8 86.6#

77 104.5 51.1 76.7#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.010 ng

RT: 8.75 min Scan# 964

Delta R.T. 0.07 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

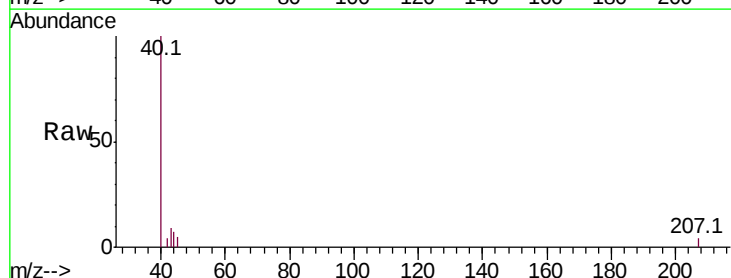
Tgt Ion: 45 Resp: 66

Ion Ratio Lower Upper

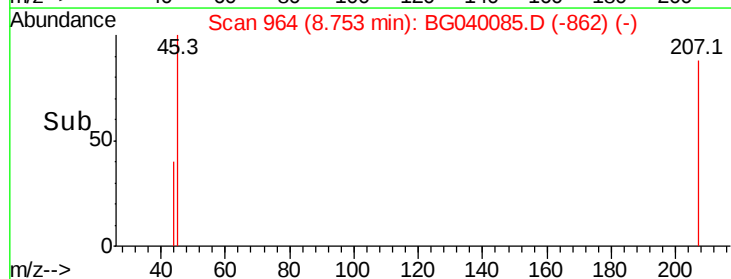
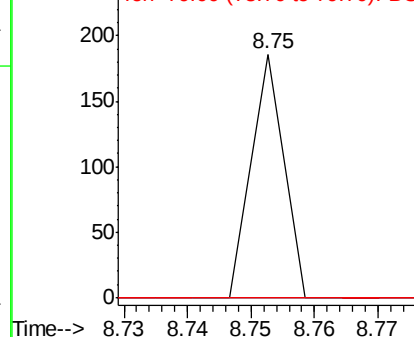
45 100

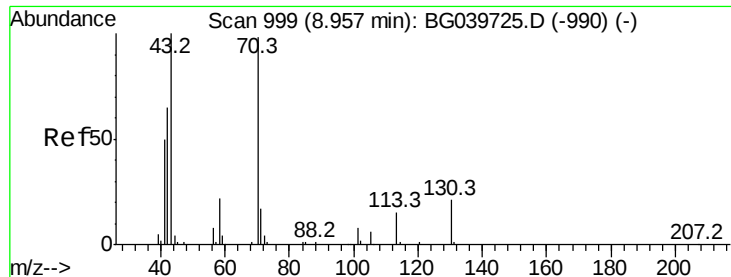
77 0.0 0.0 30.0

79 0.0 0.0 27.5



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

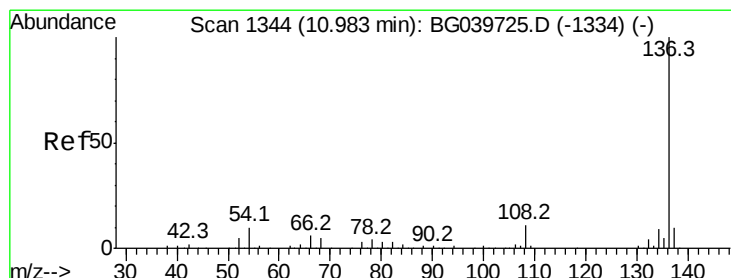
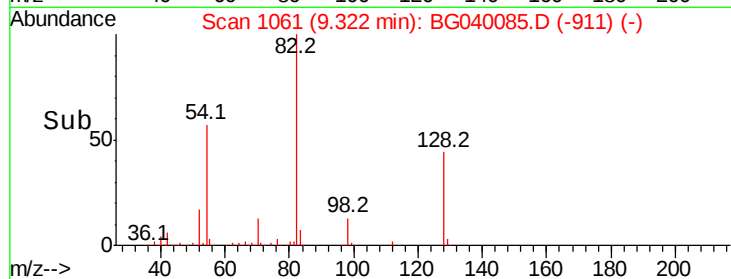
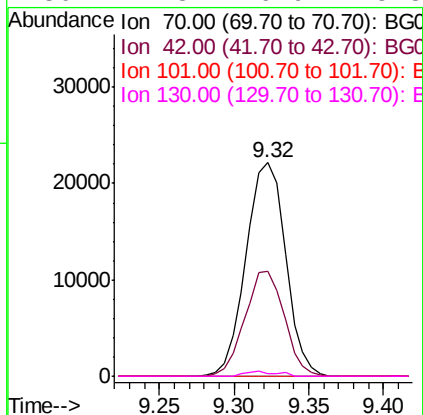
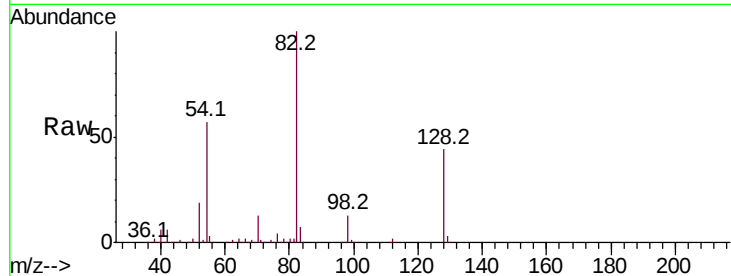




#19
n-Nitroso-di-n-propylamine
Concen: 14.823 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

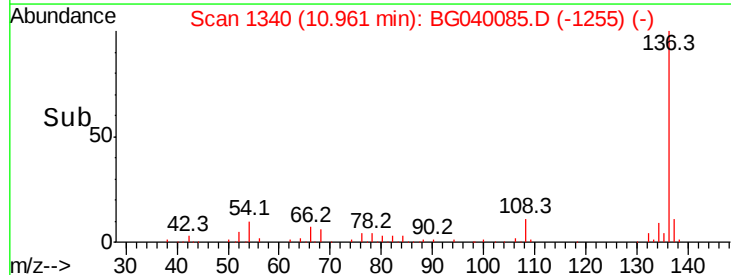
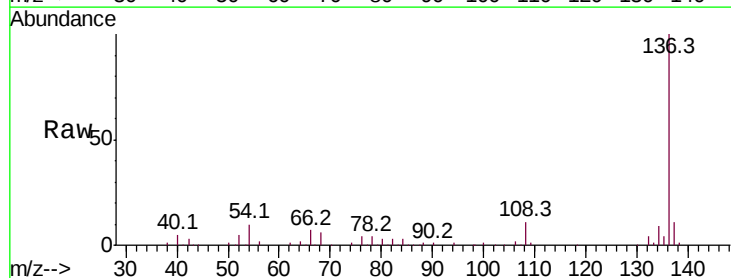
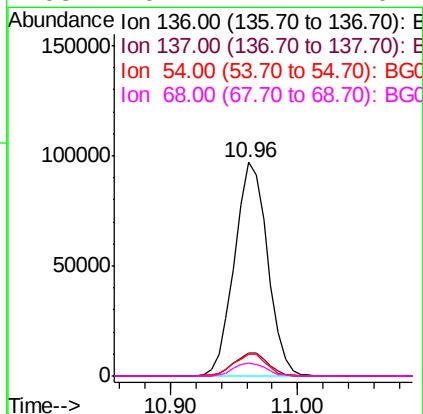
Instrument :
BNA_G
ClientSampleId :

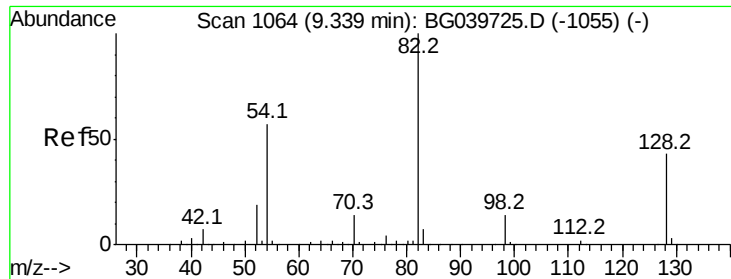
Tot Ion: 70 Resp: 40700
Ion Ratio Lower Upper
70 100
42 49.1 60.4 90.6#
101 0.0 7.5 11.3#
130 1.3 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

Tgt Ion: 136 Resp: 175853
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.3 9.4 14.2
68 6.2 4.2 6.4

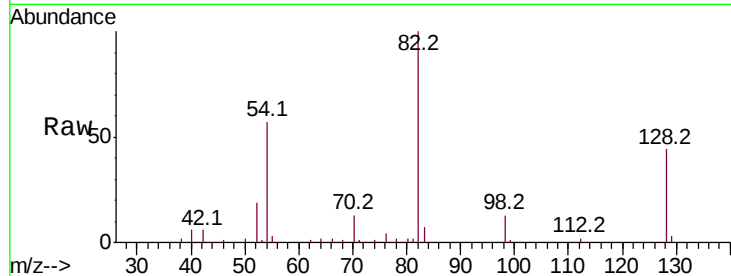




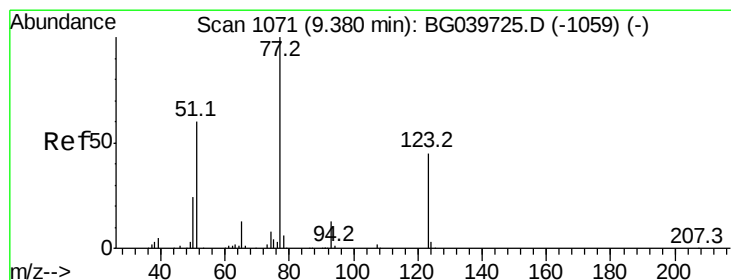
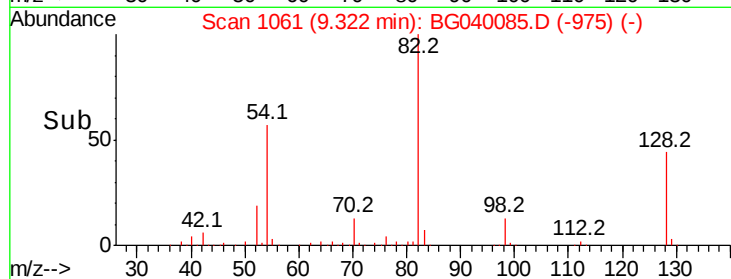
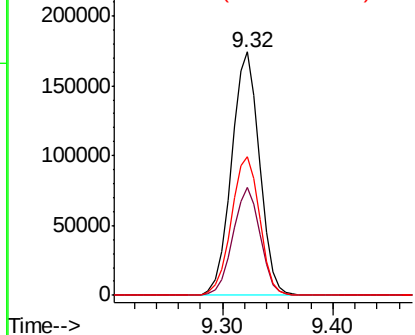
#23
 Nitrobenzene-d5
 Concen: 95.273 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040085.D
 Acq: 22 Mar 2019 16:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 309778
 Ion Ratio Lower Upper
 82 100
 128 44.3 31.3 46.9
 54 57.2 50.9 76.3

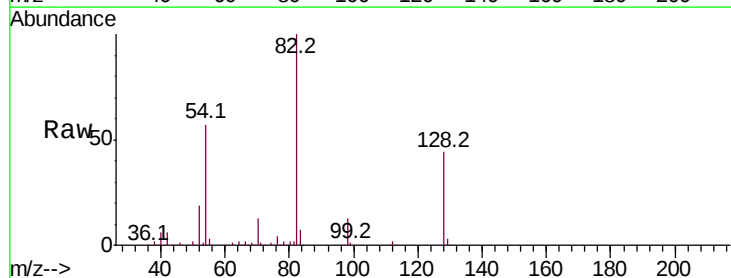


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

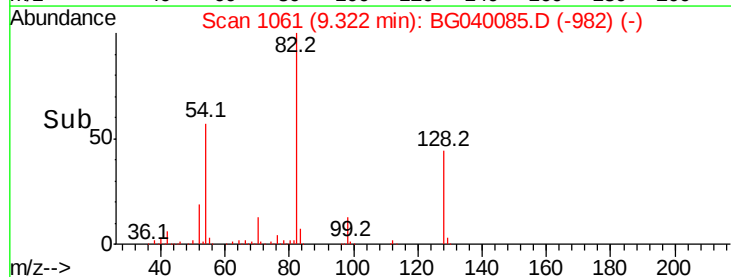
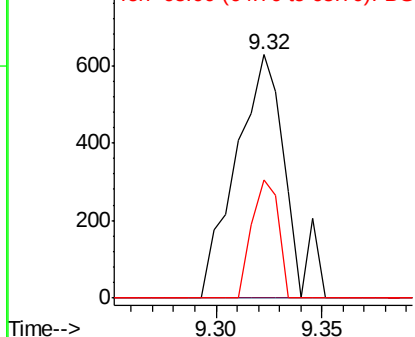


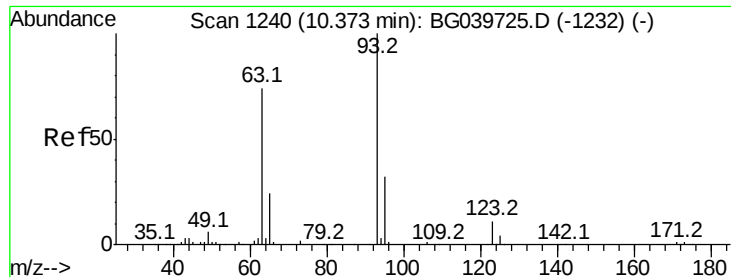
#24
 Nitrobenzene
 Concen: 0.301 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.06 min
 Lab File: BG040085.D
 Acq: 22 Mar 2019 16:14

Tgt Ion: 77 Resp: 1028
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 48.2 12.3 18.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

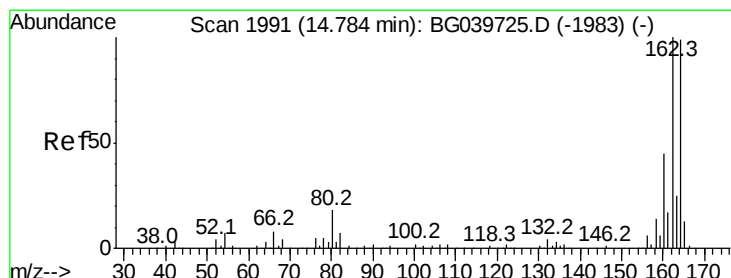
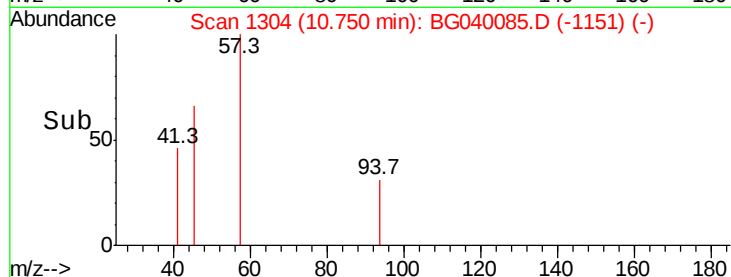
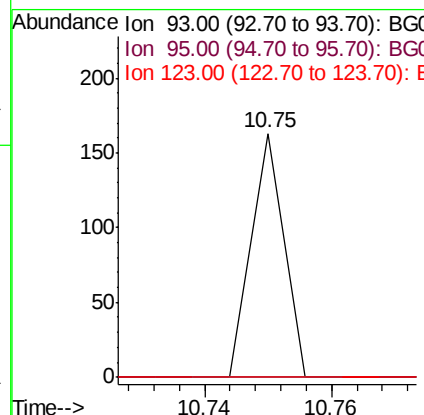
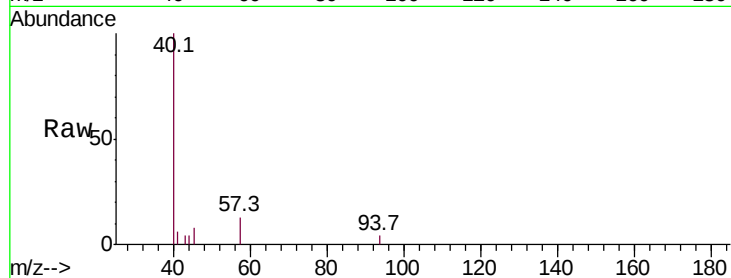




#28
bis(2-Chloroethoxy)methane
Concen: 0.014 ng
RT: 10.75 min Scan# 1304
Delta R.T. 0.37 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

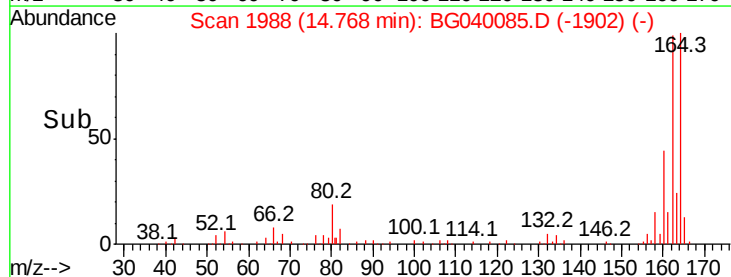
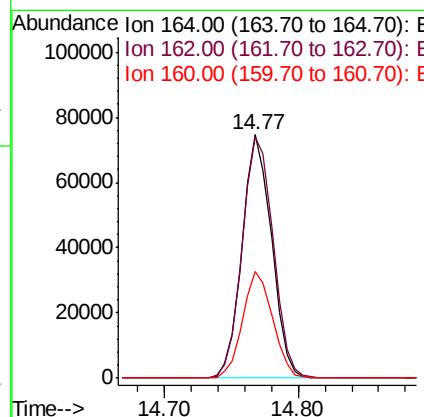
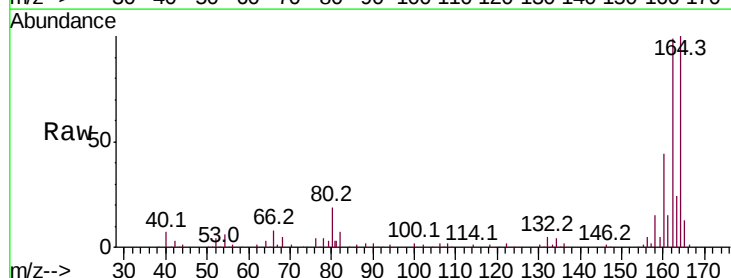
Instrument :
BNA_G
ClientSampleId :

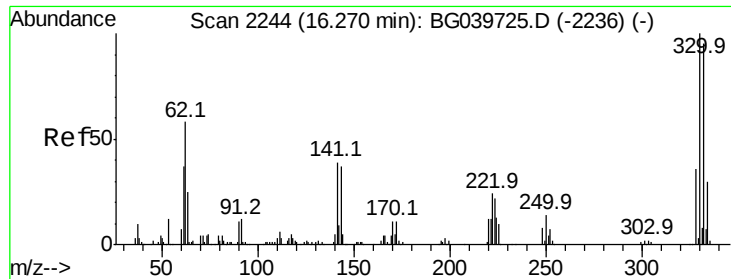
Tot Ion: 93 Resp: 57
Ion Ratio Lower Upper
93 100
95 0.0 25.0 37.4#
123 0.0 8.6 12.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

Tgt Ion:164 Resp: 113680
Ion Ratio Lower Upper
164 100
162 99.3 81.6 122.4
160 43.7 34.2 51.2

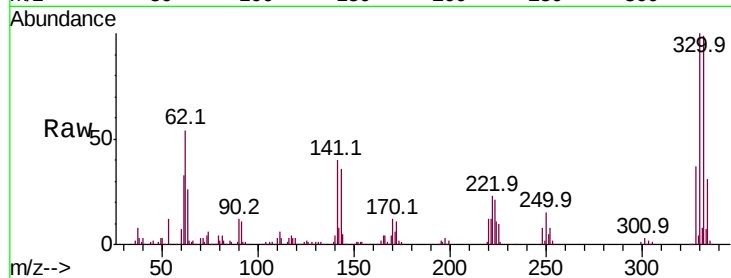




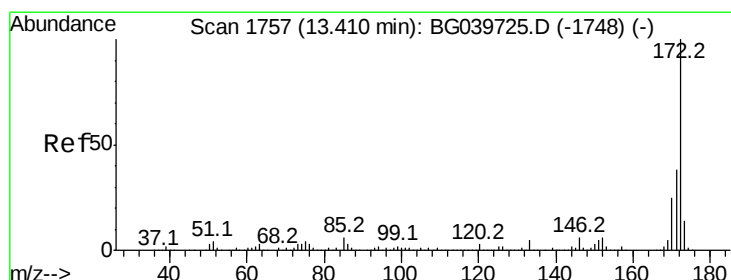
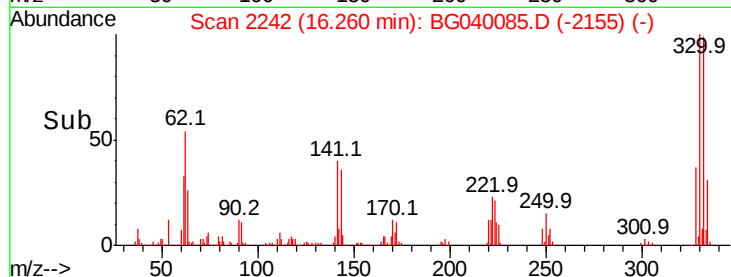
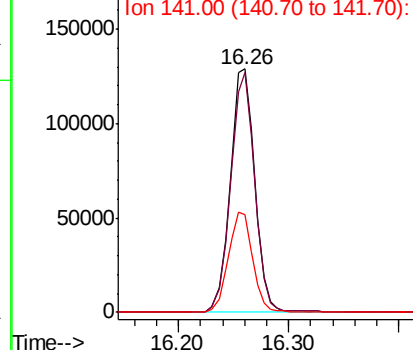
#42
 2,4,6-Tribromophenol
 Concen: 151.495 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040085.D
 Acq: 22 Mar 2019 16:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.7	113.5
141	40.8	35.6	53.4

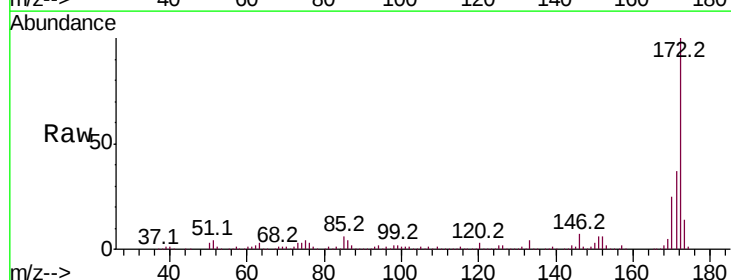


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

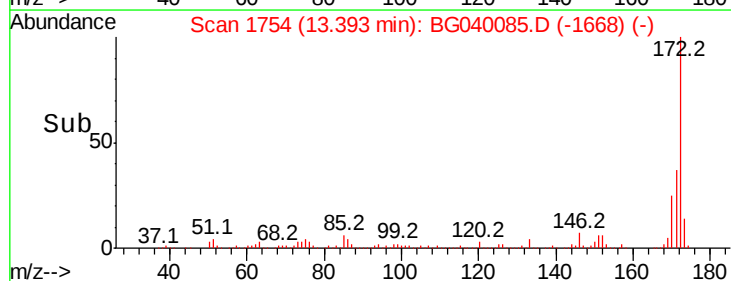
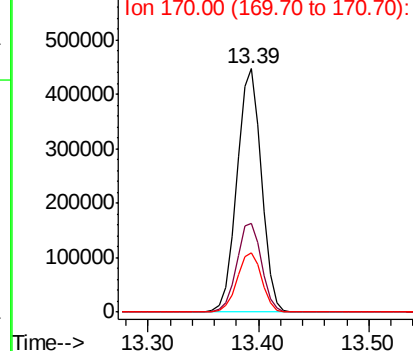


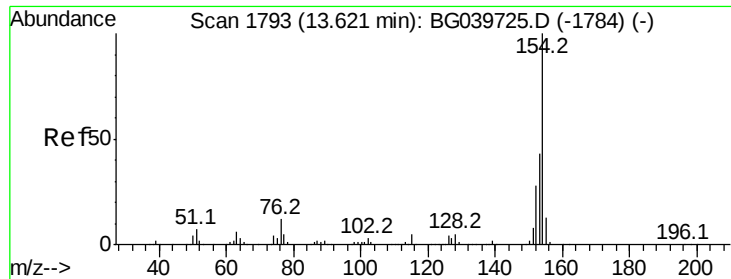
#45
 2-Fluorobiphenyl
 Concen: 86.982 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040085.D
 Acq: 22 Mar 2019 16:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	24.6	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: 0.101 ng

RT: 13.60 min Scan# 1789

Delta R.T. -0.03 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

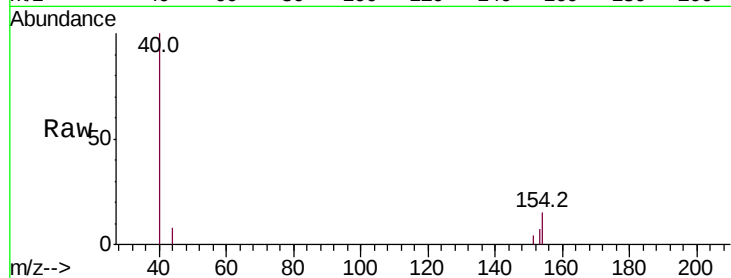
Tot Ion:154 Resp: 945

Ion Ratio Lower Upper

154 100

153 46.4 22.1 62.1

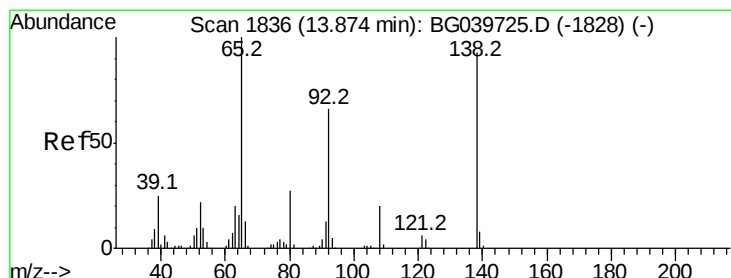
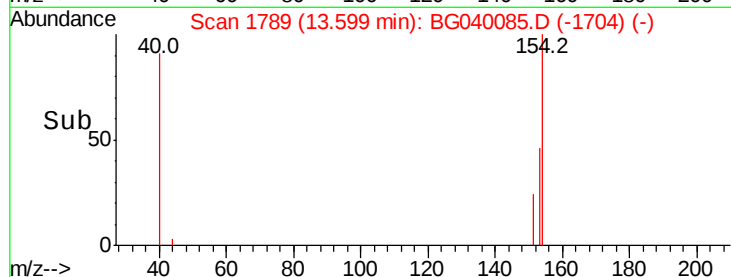
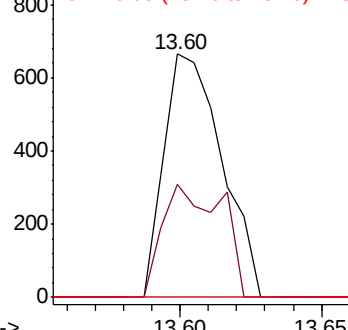
76 0.0 0.0 32.4



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: 0.327 ng

RT: 14.20 min Scan# 1892

Delta R.T. 0.32 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

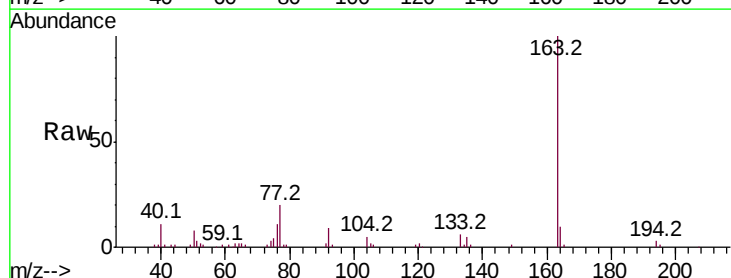
Tgt Ion: 65 Resp: 739

Ion Ratio Lower Upper

65 100

92 534.1 51.4 77.2#

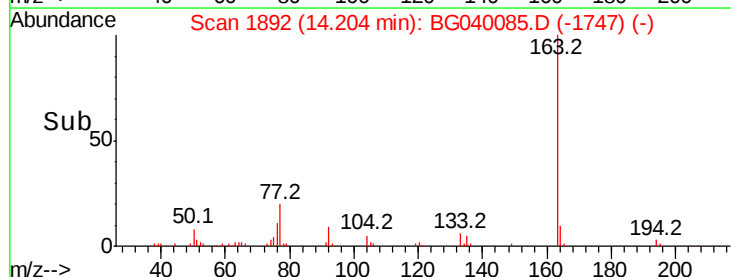
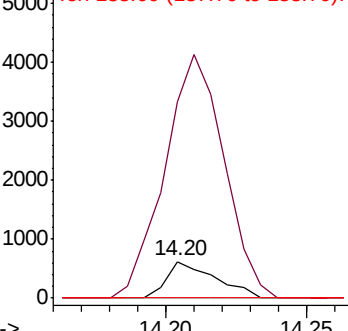
138 0.0 71.4 107.2#

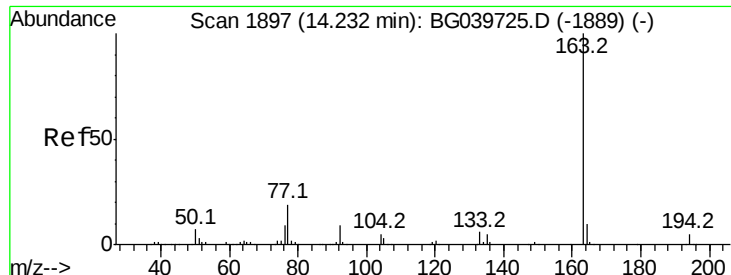


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#50

Dimethylphthalate

Concen: 7.386 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

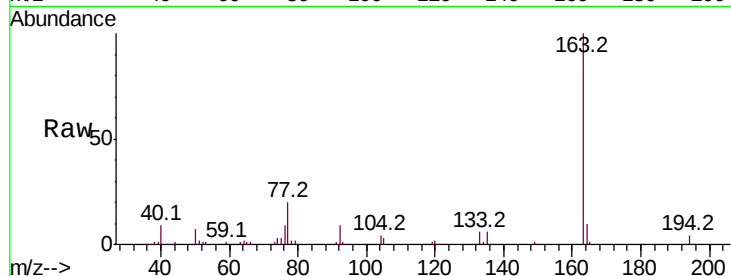
Tot Ion:163 Resp: 70211

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

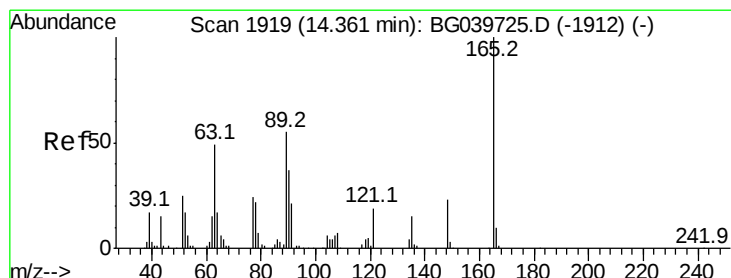
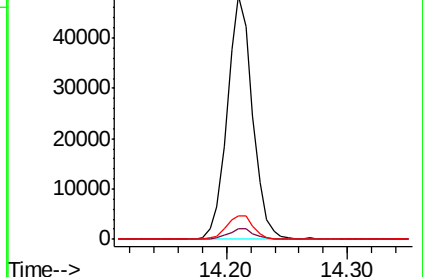
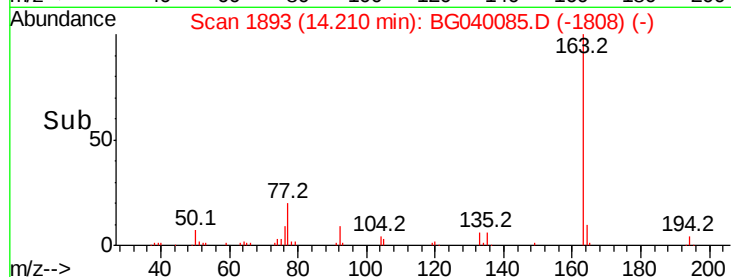
164 9.5 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 0.362 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.16 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

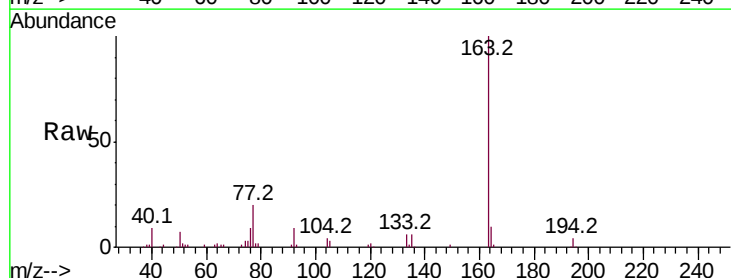
Tgt Ion:165 Resp: 730

Ion Ratio Lower Upper

165 100

63 124.6 47.0 70.6#

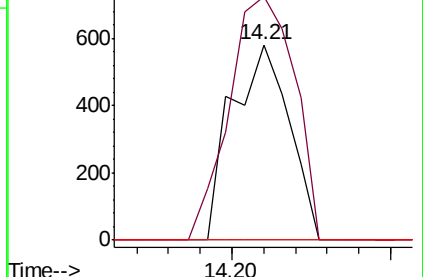
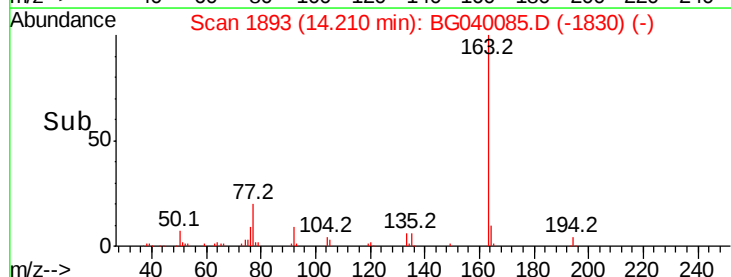
89 0.0 45.8 68.8#

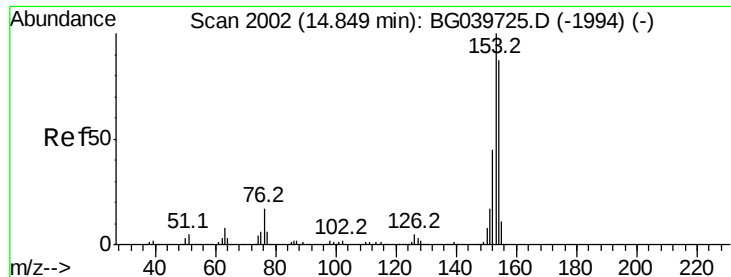


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.056 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.09 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

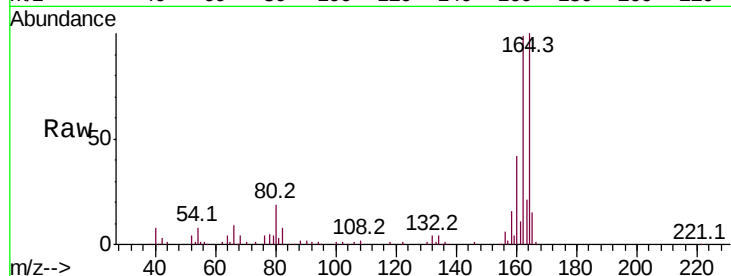
Tot Ion:154 Resp: 387

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

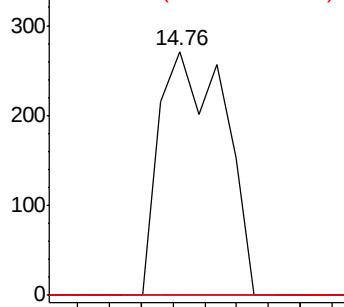
152 0.0 40.9 61.3#



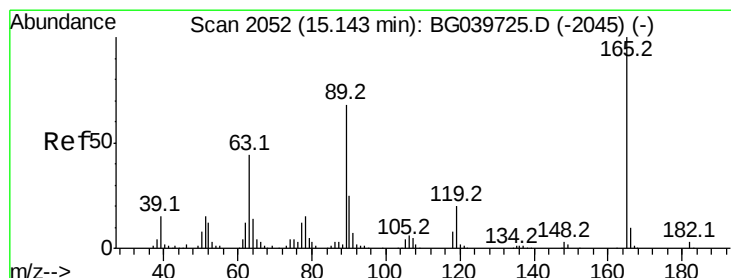
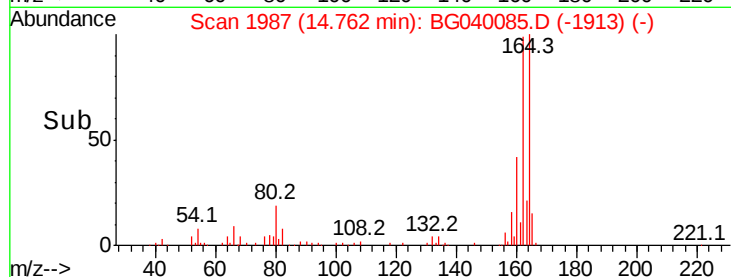
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#57

2,4-Dinitrotoluene

Concen: 5.276 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Tgt Ion:165 Resp: 14940

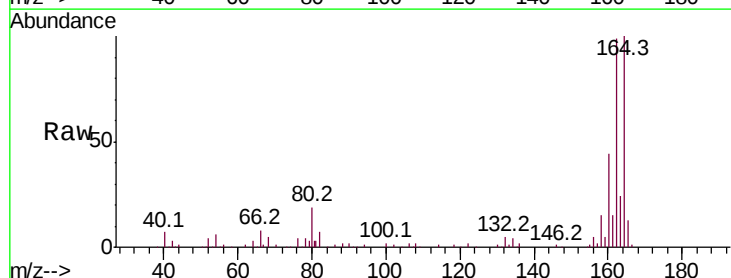
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 0.0 64.6 96.8#

182 0.0 2.0 3.0#

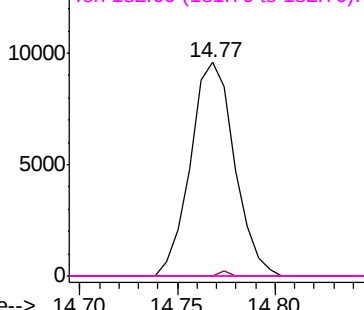


Abundance Ion 165.00 (164.70 to 165.70): E

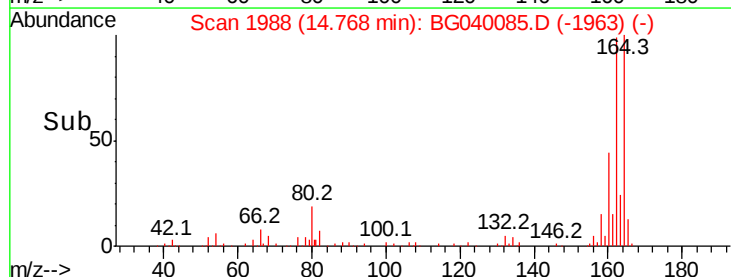
Ion 63.00 (62.70 to 63.70): BGC

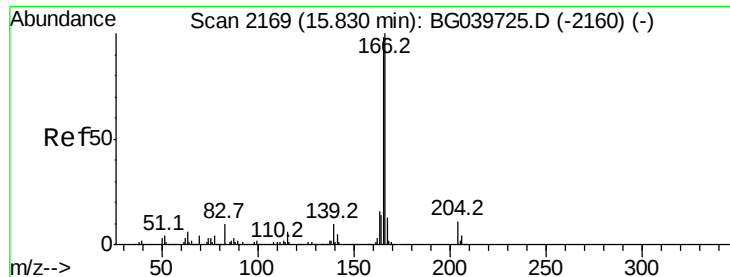
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Time-->





#58

Fluorene

Concen: 0.910 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.42 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

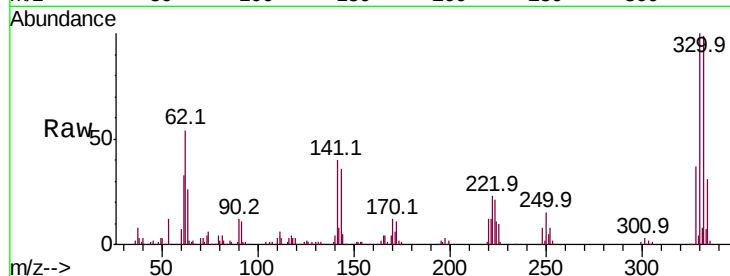
Tot Ion:166 Resp: 8157

Ion Ratio Lower Upper

166 100

165 99.7 77.9 116.9

167 31.4 10.8 16.2#

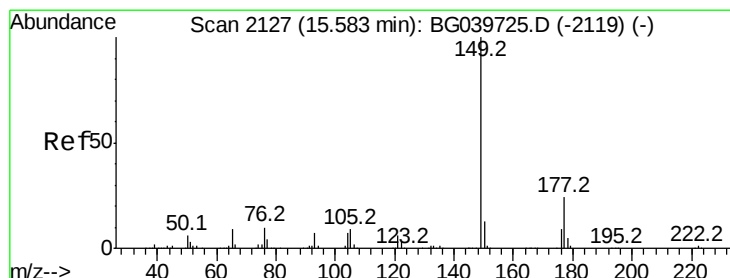
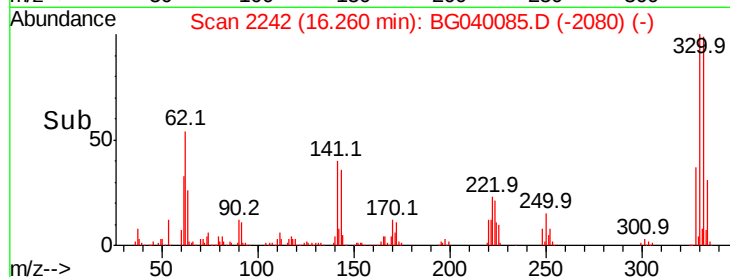
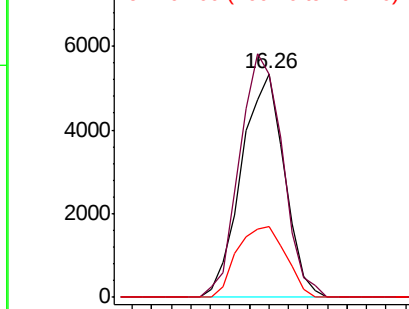


Abundance

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: 0.066 ng

RT: 15.56 min Scan# 2123

Delta R.T. -0.03 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

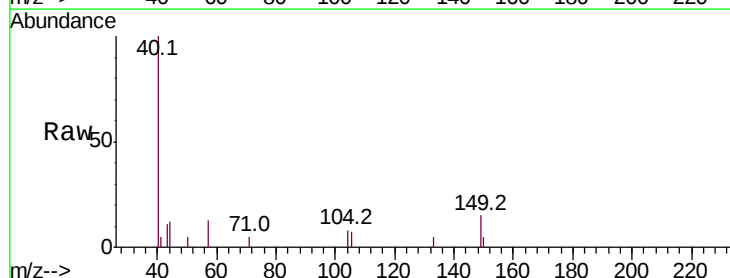
Tgt Ion:149 Resp: 617

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

150 31.8 10.2 15.2#

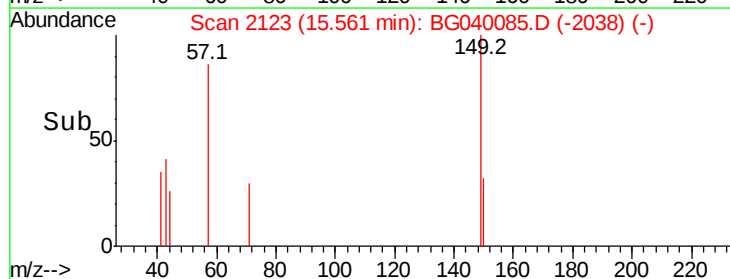
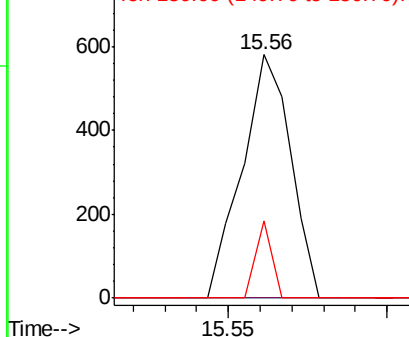


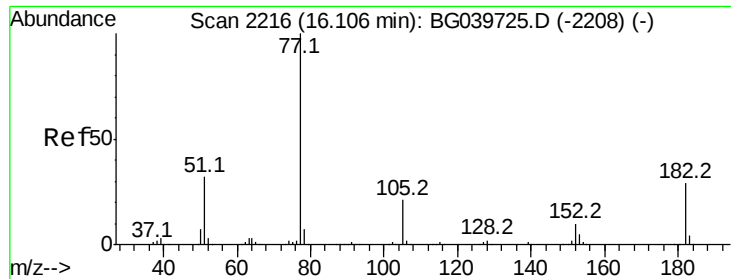
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.007 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.12 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 59

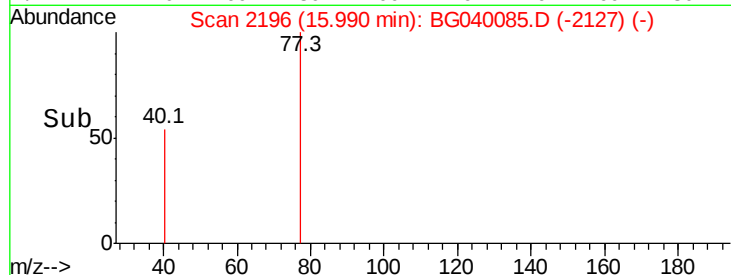
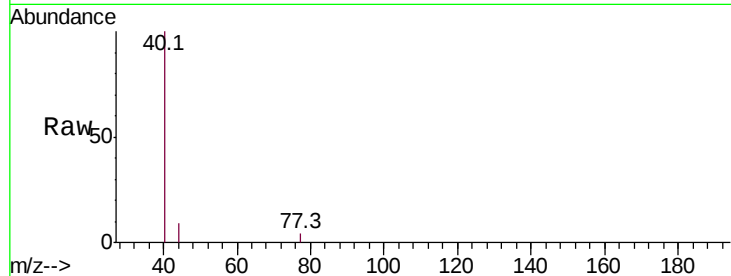
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 0.0 0.0 39.8

51 0.0 14.1 54.1#

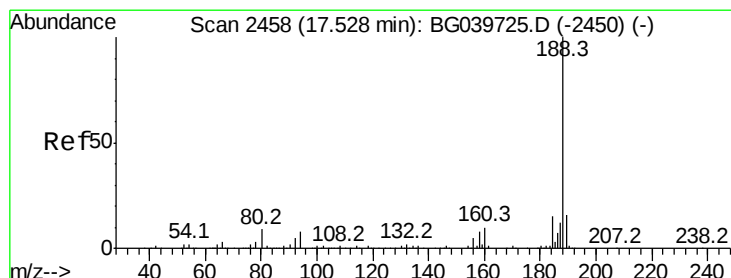
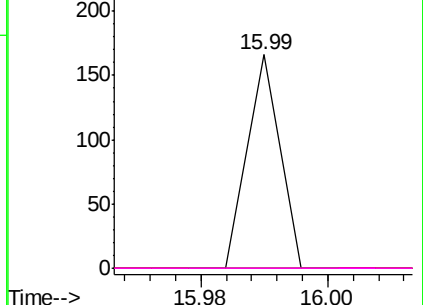


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

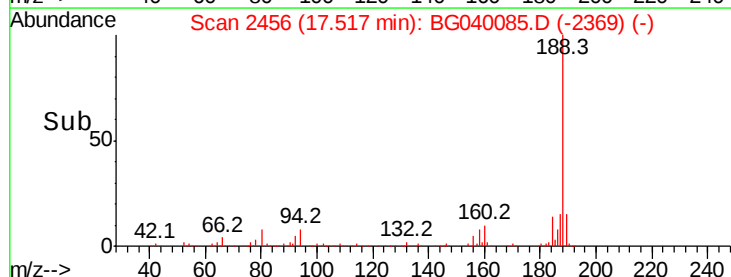
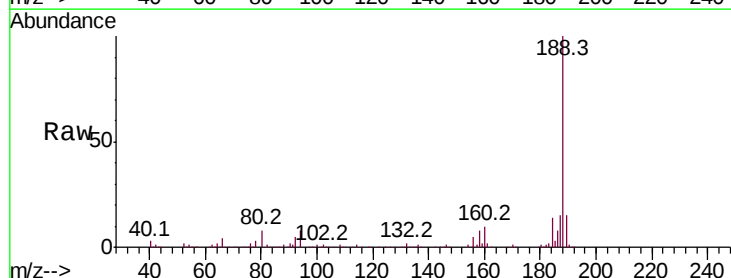
Tgt Ion: 188 Resp: 275444

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

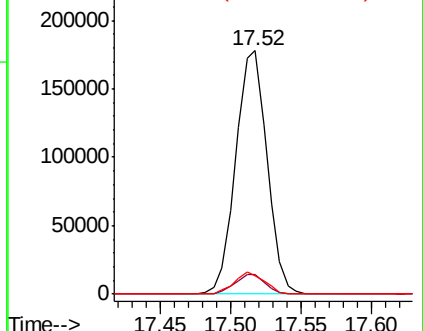
80 7.7 8.1 12.1#

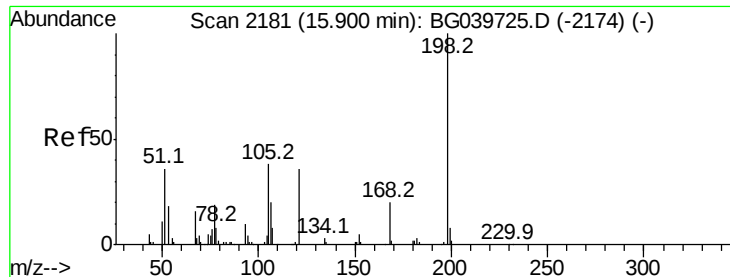


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 0.437 ng

RT: 16.25 min Scan# 2240

Delta R.T. 0.34 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

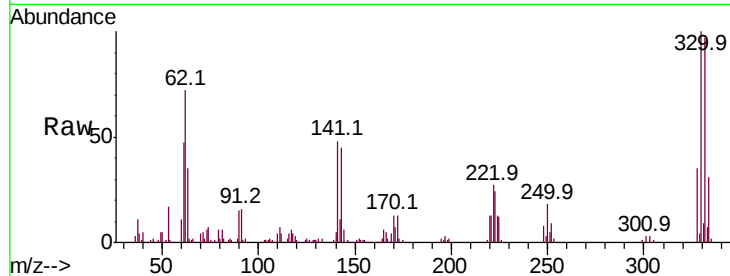
Tot Ion:198 Resp: 711

Ion Ratio Lower Upper

198 100

51 73.1 27.4 67.4#

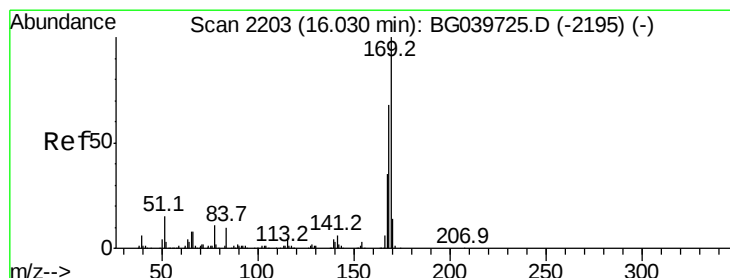
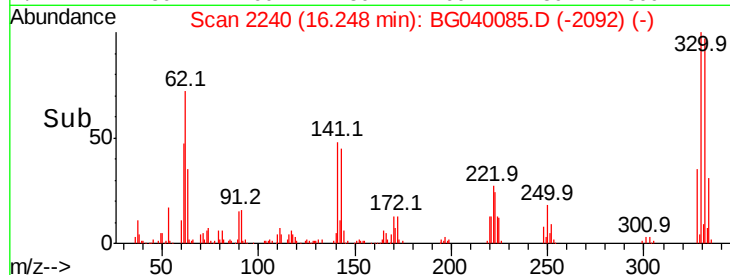
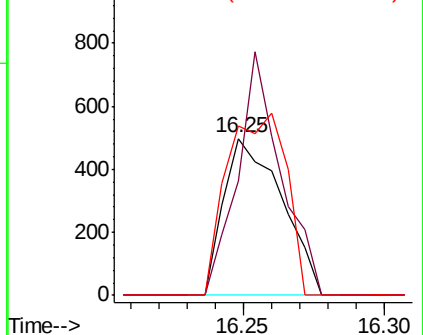
105 107.8 19.7 59.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 1.039 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.22 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

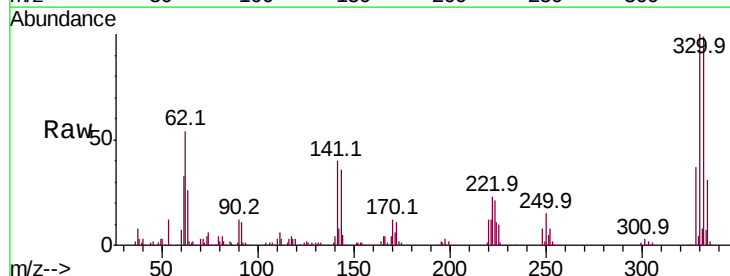
Tgt Ion:169 Resp: 8289

Ion Ratio Lower Upper

169 100

168 5.6 56.6 85.0#

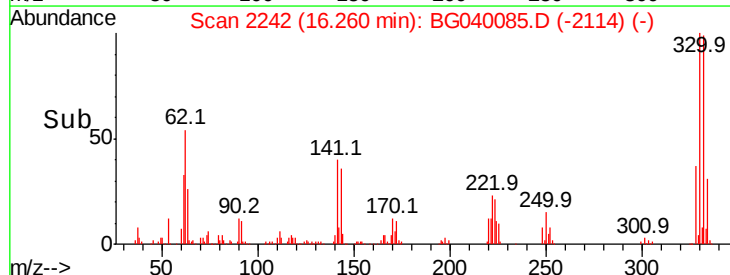
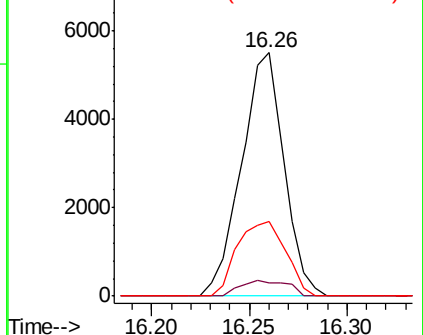
167 30.4 28.8 43.2

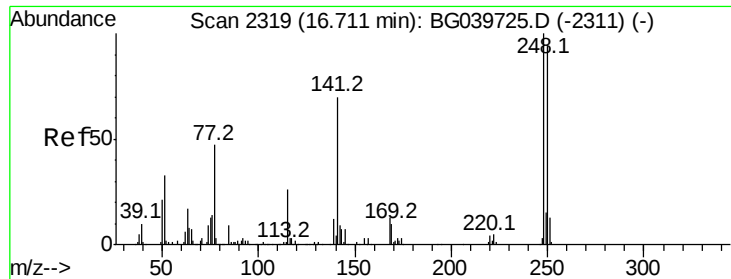


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

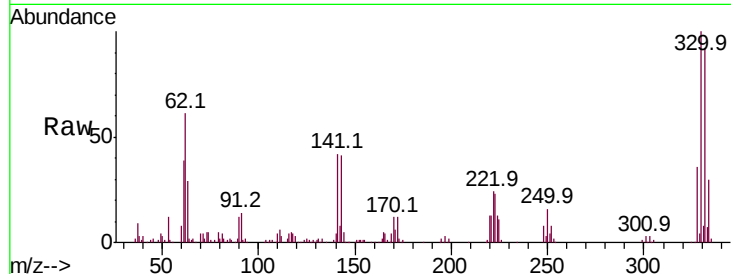




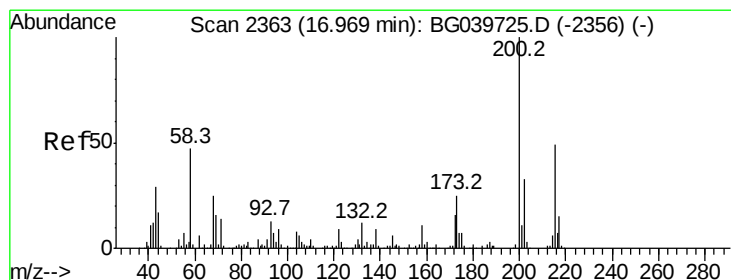
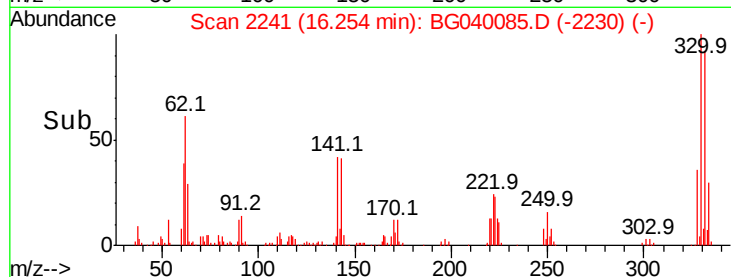
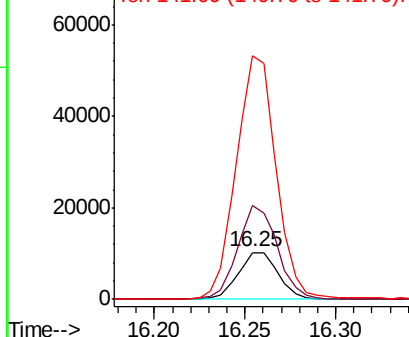
#67
4-Bromophenyl-phenylether
Concen: 5.106 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15744
Ion Ratio Lower Upper
248 100
250 199.0 77.6 116.4#
141 519.4 63.9 95.9#

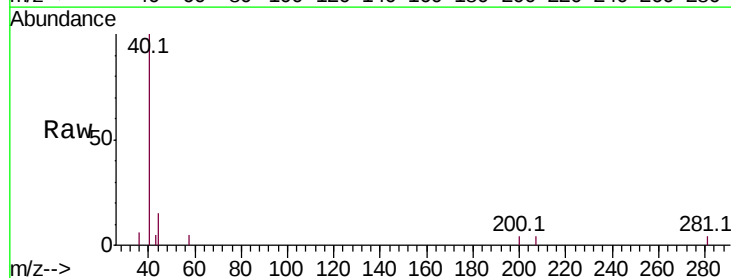


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

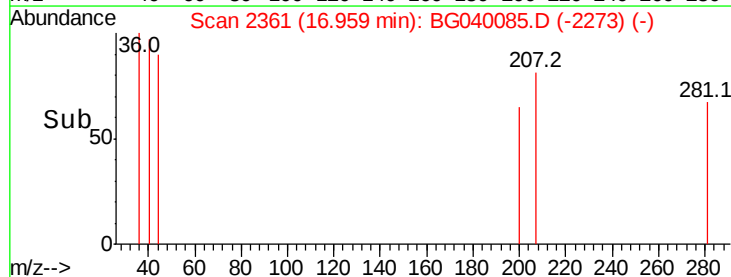
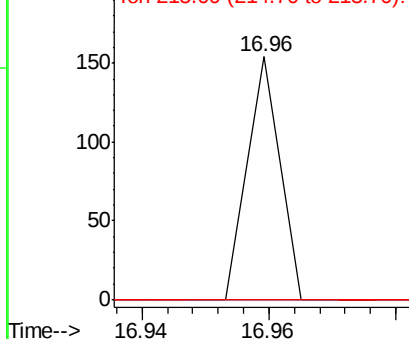


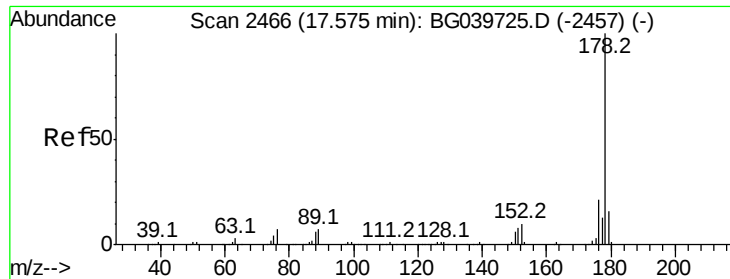
#69
Atrazine
Concen: 0.017 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

Tgt Ion:200 Resp: 54
Ion Ratio Lower Upper
200 100
173 0.0 3.9 43.9#
215 0.0 30.9 70.9#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

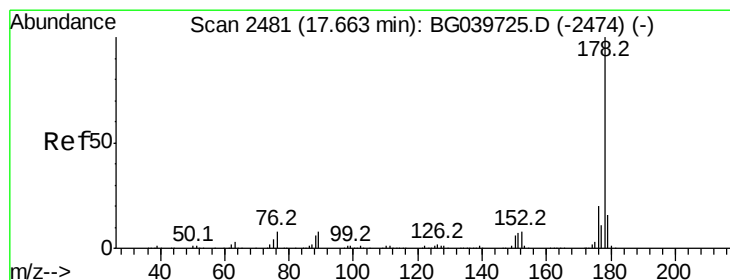
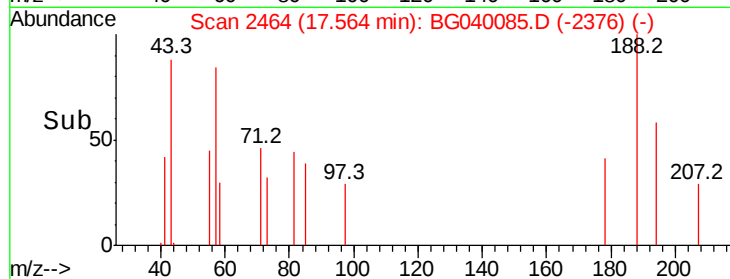
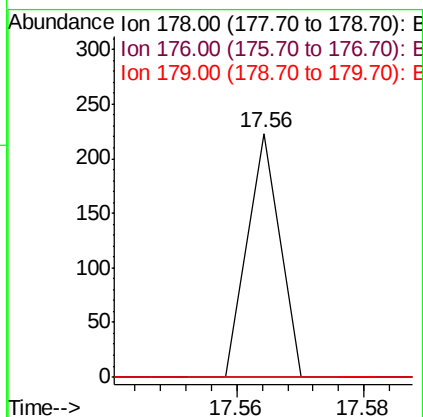
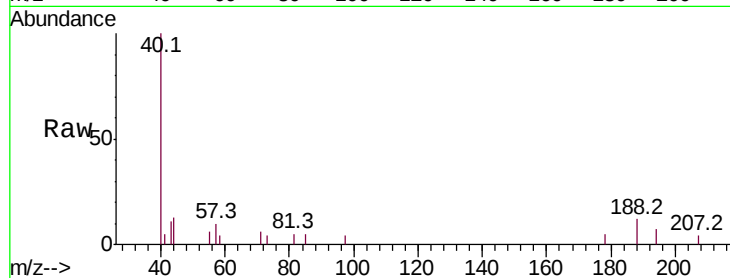




#71
Phenanthrene
Concen: 0.005 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

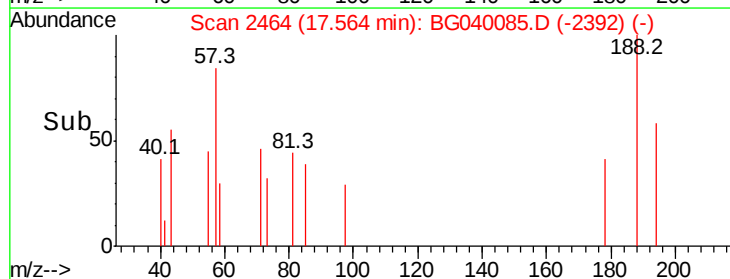
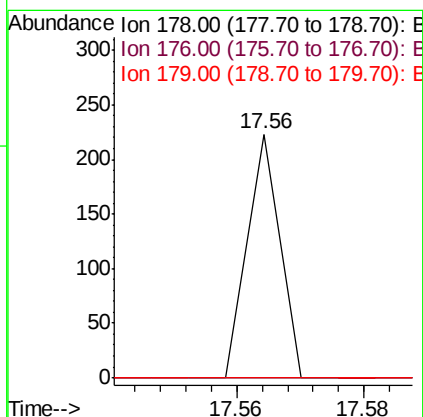
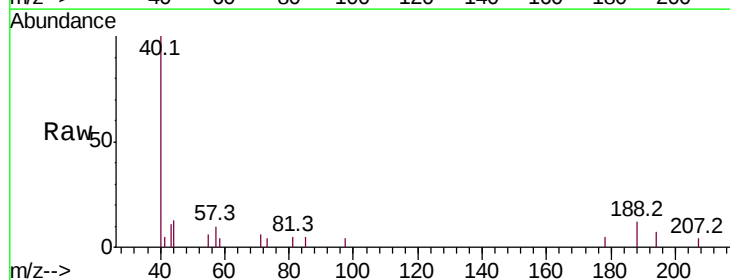
Instrument :
BNA_G
ClientSampleId :

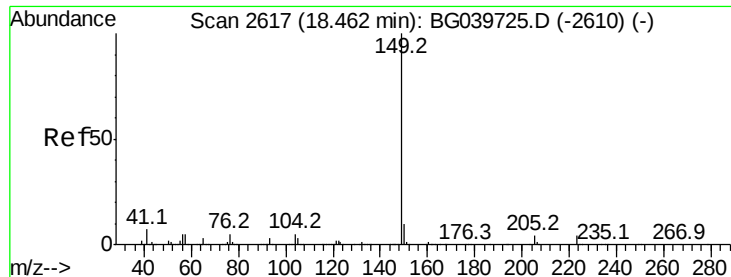
Tot Ion:178 Resp: 79
Ion Ratio Lower Upper
178 100
176 0.0 16.2 24.4#
179 0.0 12.6 19.0#



#72
Anthracene
Concen: 0.005 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.10 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

Tgt Ion:178 Resp: 79
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 0.0 12.5 18.7#





#74

Di-n-butylphthalate

Concen: 0.113 ng

RT: 18.45 min Scan# 2614

Delta R.T. -0.02 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

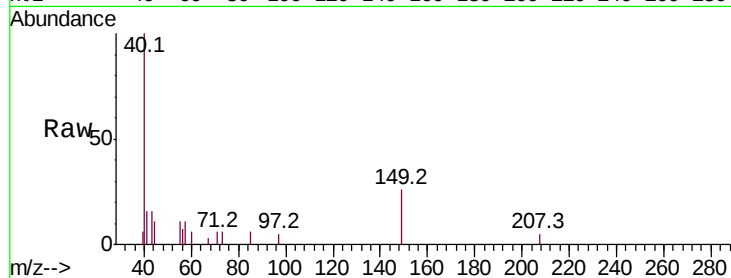
Tot Ion:149 Resp: 1777

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

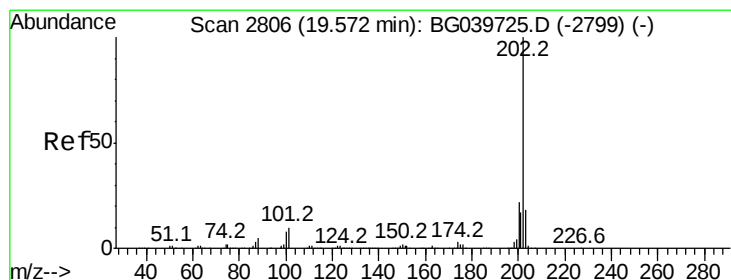
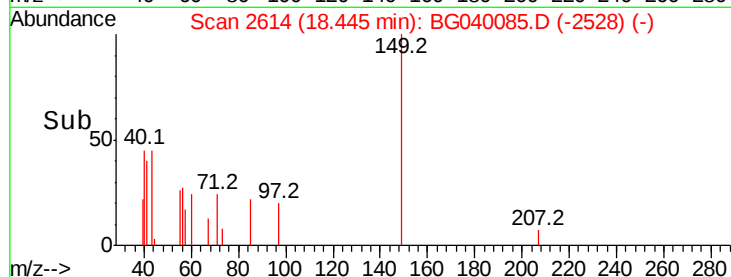
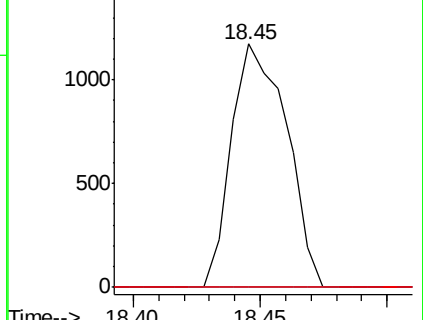
104 0.0 4.5 6.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.003 ng

RT: 19.58 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

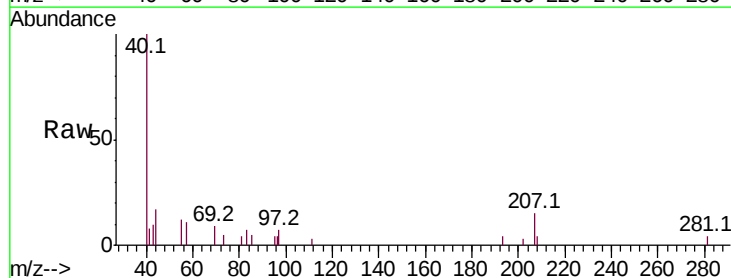
Tgt Ion:202 Resp: 53

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

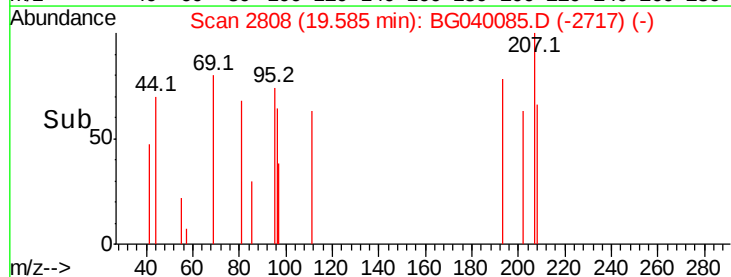
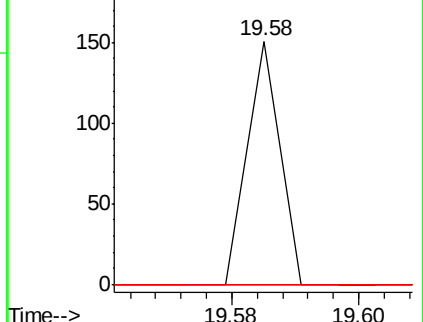
203 0.0 0.0 38.9

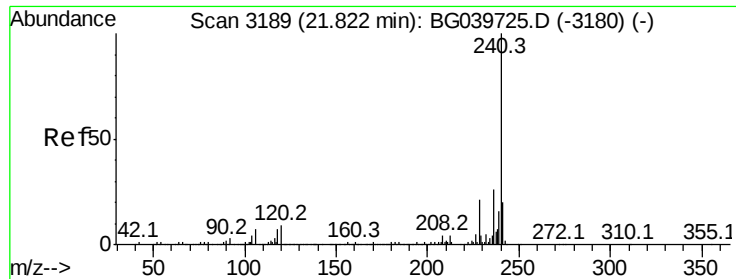


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

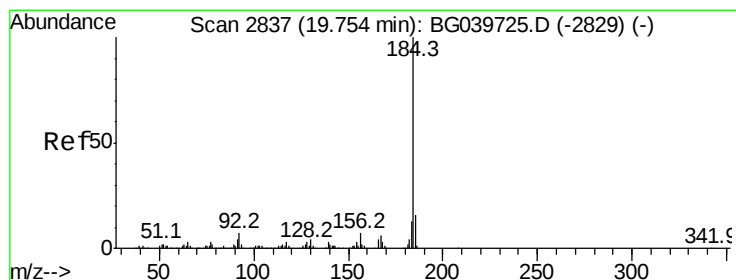
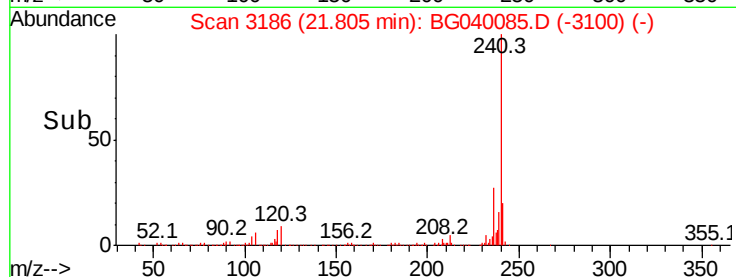
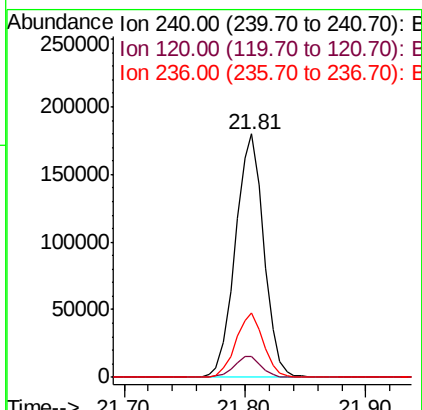
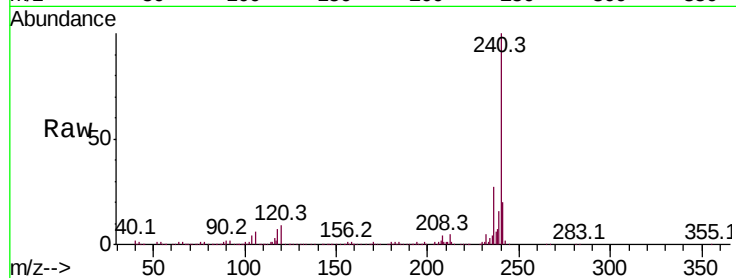




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

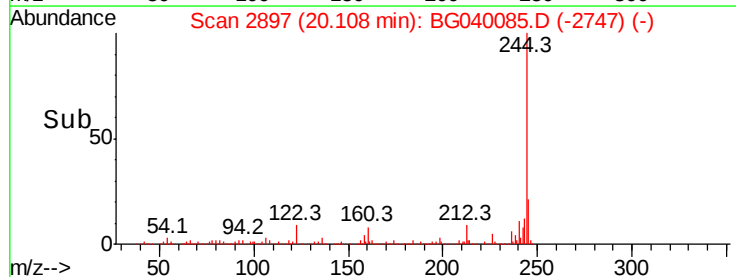
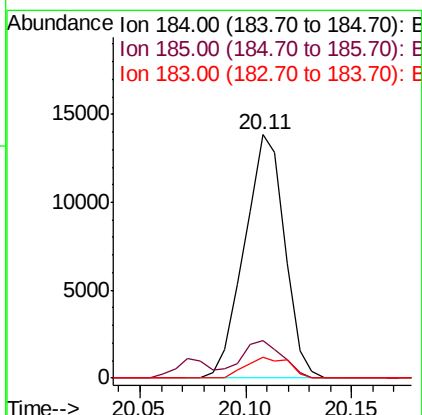
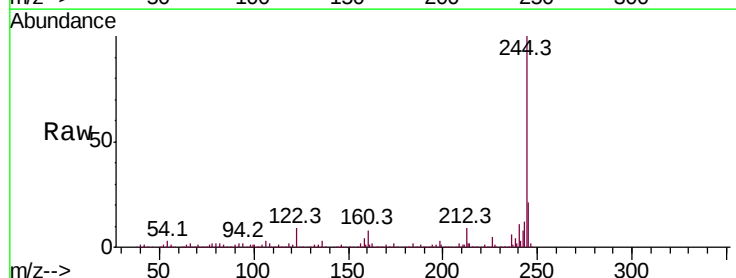
Instrument :
BNA_G
ClientSampled :

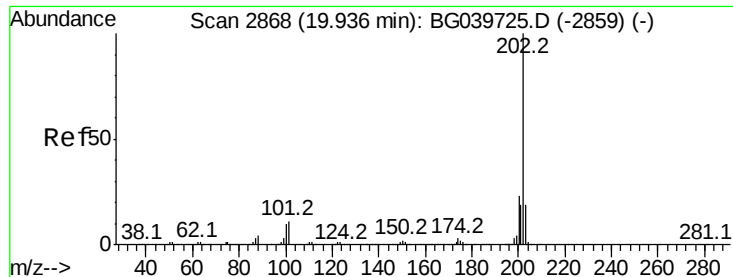
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.5	21.0	31.4



#77
Benzidine
Concen: 1.955 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040085.D
Acq: 22 Mar 2019 16:14

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	8.5	10.6	15.8#





#78

Pvrene

Concen: 0.226 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.17 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

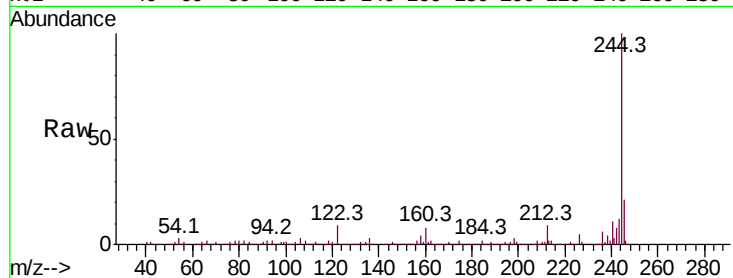
Tot Ion:202 Resp: 4346

Ion Ratio Lower Upper

202 100

200 51.7 17.8 26.8#

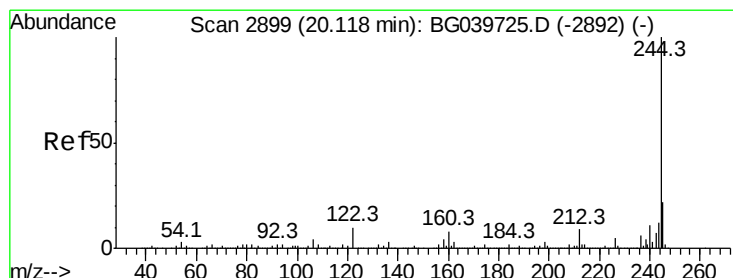
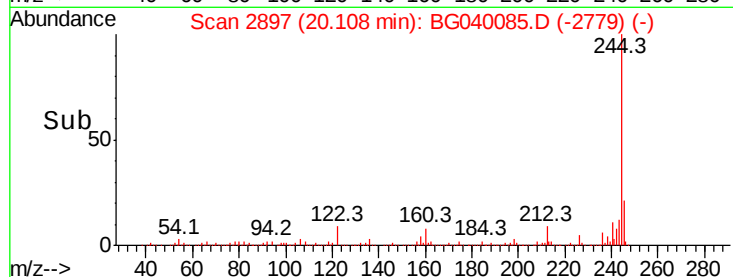
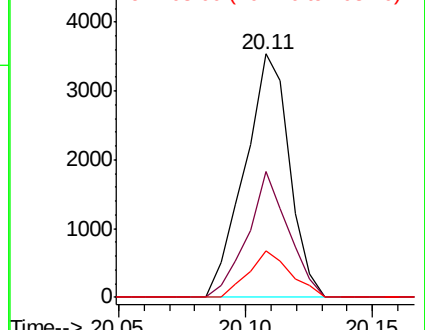
203 19.2 15.3 22.9



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: 78.461 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

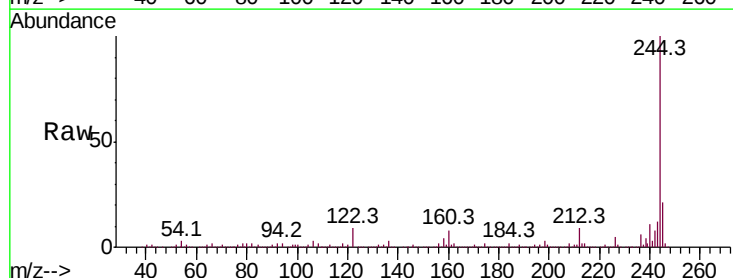
Tgt Ion:244 Resp: 1052575

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

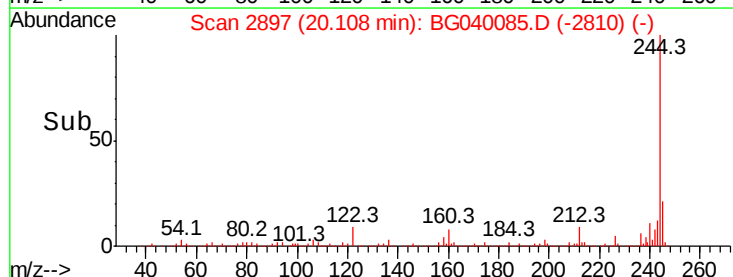
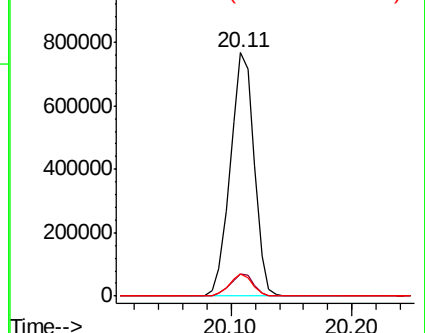
122 9.2 8.4 12.6

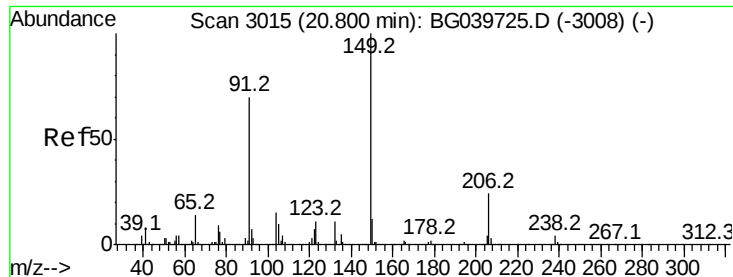


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

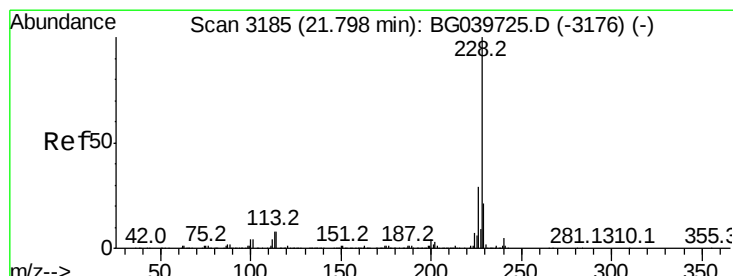
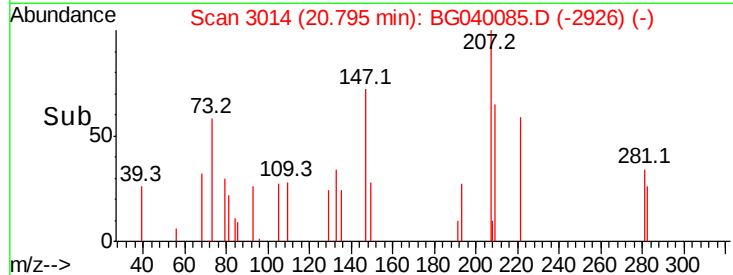
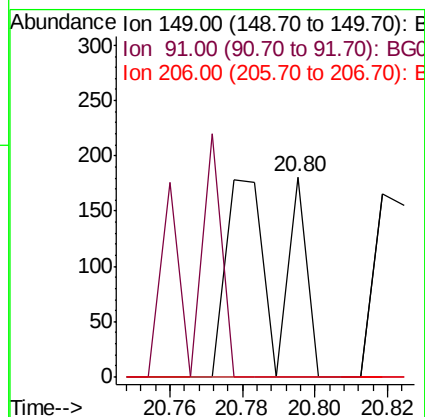
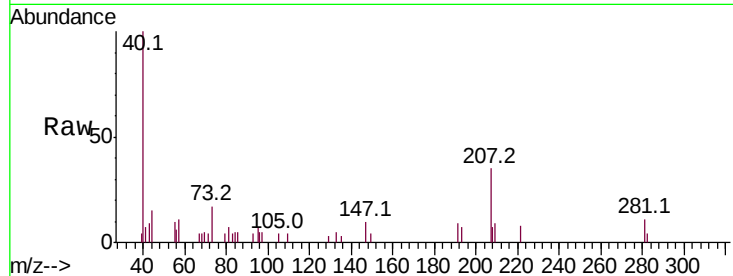




#80
 Butylbenzylphthalate
 Concen: 0.025 ng
 RT: 20.80 min Scan# 3014
 Delta R.T. -0.01 min
 Lab File: BG040085.D
 Acq: 22 Mar 2019 16:14

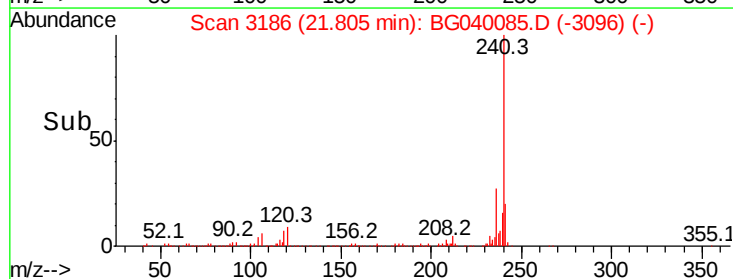
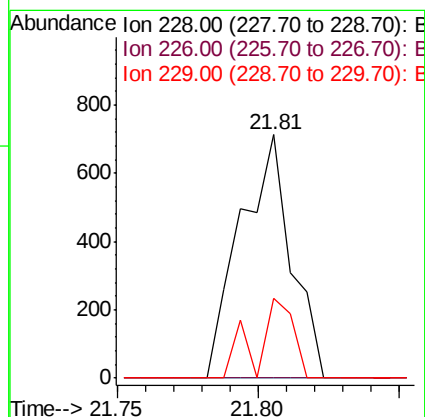
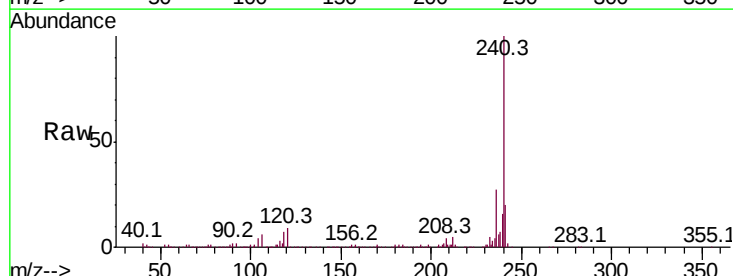
Instrument :
 BNA_G
 ClientSampled :

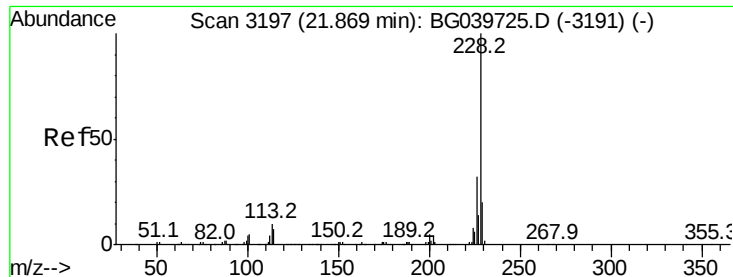
Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#



#81
 Benzo(a)anthracene
 Concen: 0.048 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BG040085.D
 Acq: 22 Mar 2019 16:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	32.5	16.9	25.3#





#83

Chrysene

Concen: 0.049 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.07 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

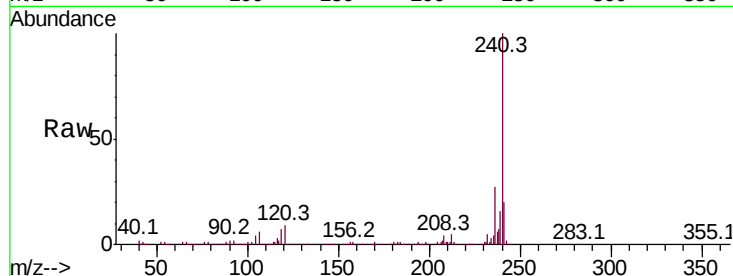
Tot Ion:228 Resp: 887

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

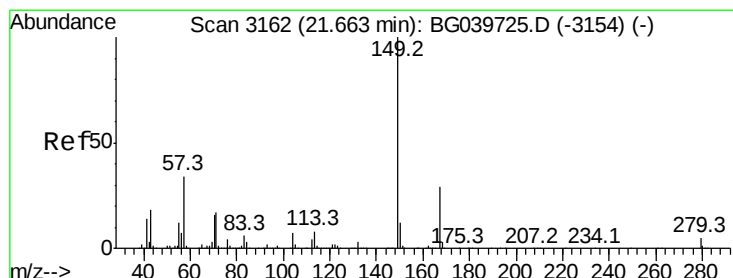
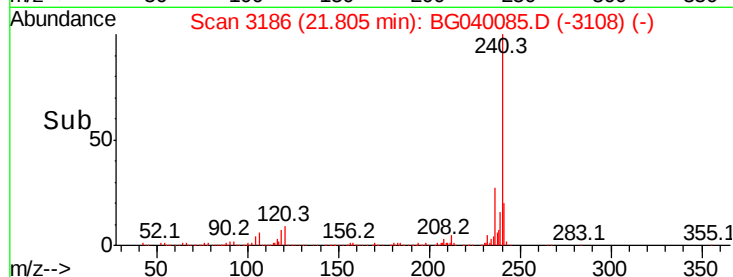
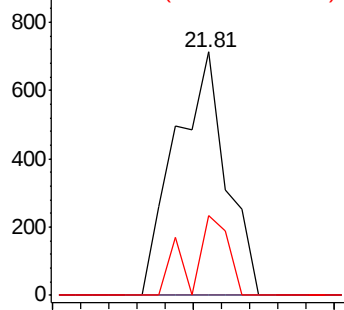
229 32.5 16.6 25.0#



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: 0.150 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

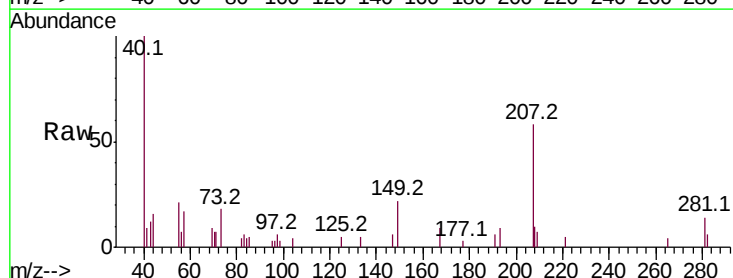
Tgt Ion:149 Resp: 1570

Ion Ratio Lower Upper

149 100

167 40.2 22.6 34.0#

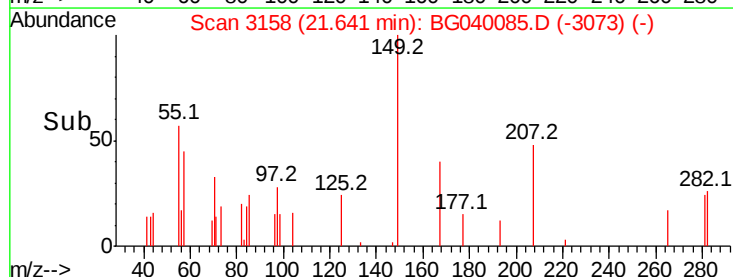
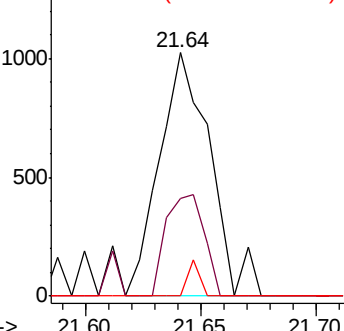
279 0.0 3.5 5.3#

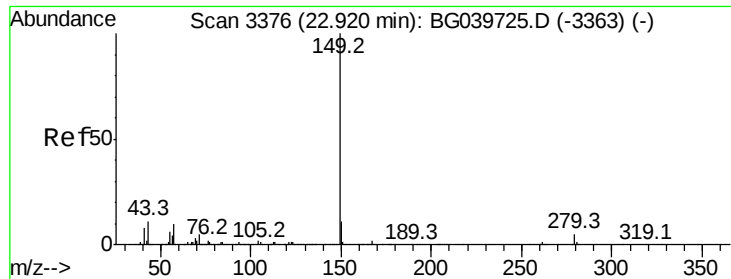


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.007 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampled :

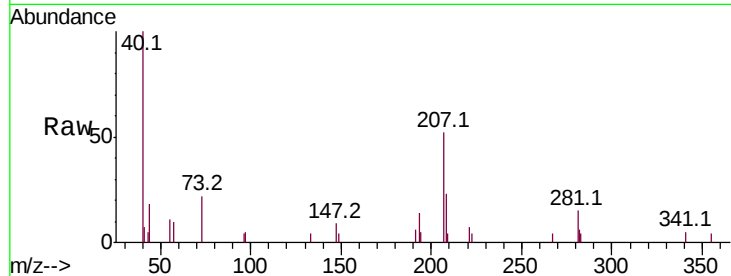
Tot Ion:149 Resp: 129

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

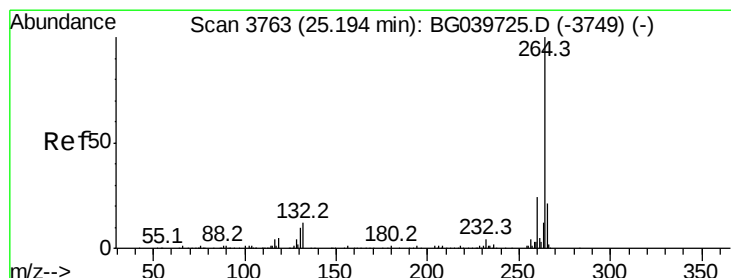
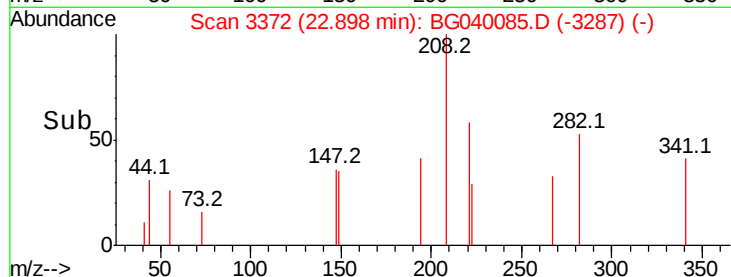
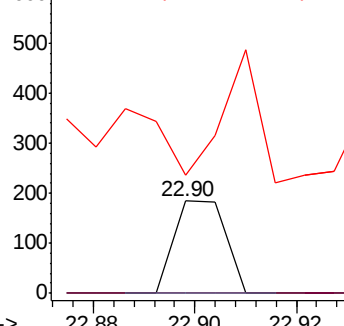
43 0.0 10.2 15.4#



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): BG



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

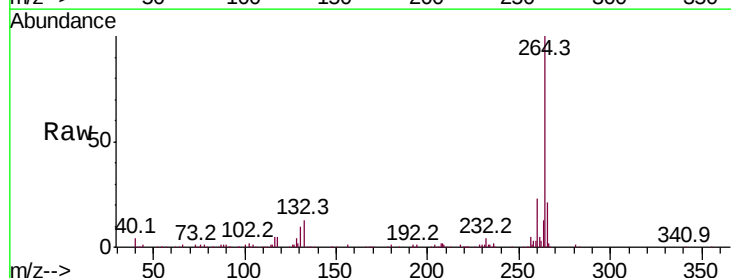
Tgt Ion:264 Resp: 298490

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

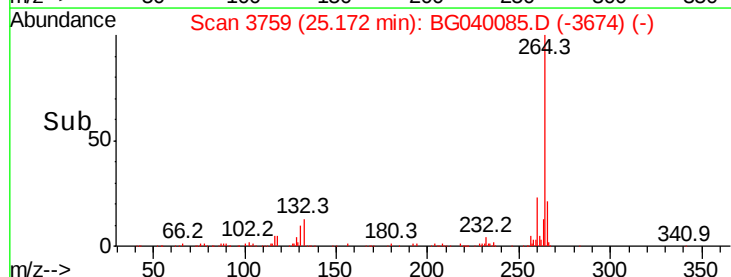
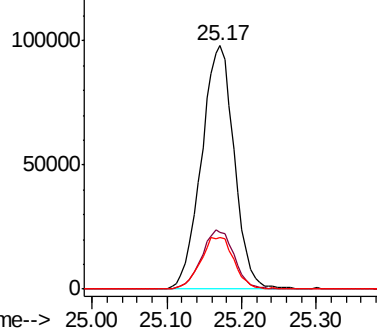
265 21.4 18.5 27.7

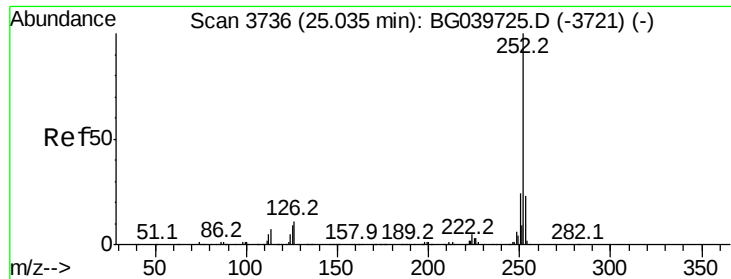


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#90

Benzo(a)pyrene

Concen: 0.004 ng

RT: 25.12 min Scan# 3751

Delta R.T. 0.08 min

Lab File: BG040085.D

Acq: 22 Mar 2019 16:14

Instrument :

BNA_G

ClientSampleId :

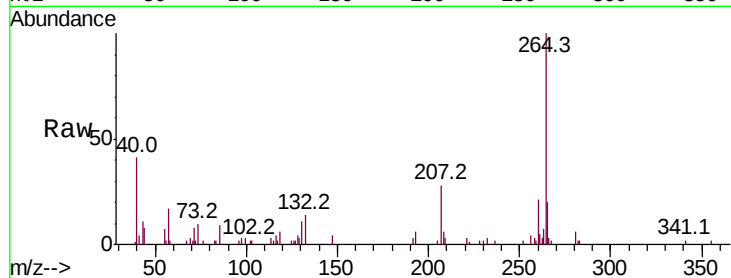
Tot Ion: 252 Resp: 61

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

125 131.4 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

