

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039743.D
 Acq On : 4 Mar 2019 22:45
 Operator : JU/SJ
 Sample : K1714-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-B-5-8

Quant Time: Mar 05 06:27:17 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	8.15	152	41136	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	180918	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	124979	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	311362	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	330428	20.00	ng	-0.02
87) Perylene-d12	25.19	264	338138	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	384022	159.26	ng	-0.01
7) Phenol-d6	7.30	99	565513	157.29	ng	-0.01
23) Nitrobenzene-d5	9.34	82	332165	99.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	226212	155.29	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	844479	96.21	ng	-0.01
79) Terphenyl-d14	20.12	244	1363508	90.86	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	62	0.056	ng	# 1
4) n-Nitrosodimethylamine	3.94	42	92	0.065	ng	# 1
6) Aniline	7.33	93	87	0.018	ng	# 1
9) Benzaldehyde	7.30	77	1253	0.540	ng	# 4
10) Phenol	7.33	94	9246	2.374	ng	# 86
11) bis(2-Chloroethyl)ether	7.68	93	394	0.130	ng	# 1
12) 1,3-Dichlorobenzene	8.48	146	55	0.017	ng	# 1
13) 1,4-Dichlorobenzene	8.48	146	55	0.016	ng	# 1
14) 1,2-Dichlorobenzene	8.48	146	55	0.017	ng	# 1
15) Benzyl Alcohol	8.48	79	5173	1.814	ng	# 44
19) n-Nitroso-di-n-propylamine	9.34	70	42882	16.571	ng	# 67
22) Acetophenone	8.99	105	57	0.012	ng	# 44
24) Nitrobenzene	9.33	77	1035	0.295	ng	# 25
31) Naphthalene	11.03	128	59	0.006	ng	# 69
46) 1,1'-Biphenyl	13.62	154	1309	0.127	ng	# 90
48) 2-Nitroaniline	13.61	65	53	0.021	ng	# 10
50) Dimethylphthalate	14.22	163	68538	6.558	ng	# 99
51) 2,6-Dinitrotoluene	14.22	165	617	0.278	ng	# 1
52) Acenaphthene	14.78	154	405	0.053	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	16597	5.332	ng	# 19
58) Fluorene	16.27	166	10248	1.040	ng	# 89
60) Diethylphthalate	15.57	149	416	0.040	ng	# 58
63) Azobenzene	16.15	77	60	0.006	ng	# 47
65) 4,6-Dinitro-2-methylphenol	15.87	198	56	0.030	ng	# 32
66) n-Nitrosodiphenylamine	16.27	169	9274	1.029	ng	# 47
67) 4-Bromophenyl-phenylether	16.27	248	18020	5.170	ng	# 1
71) Phenanthrene	17.58	178	541	0.032	ng	# 59
72) Anthracene	17.67	178	58	0.003	ng	# 60
74) Di-n-butylphthalate	18.46	149	1863	0.105	ng	# 83
75) Fluoranthene	19.56	202	125	0.006	ng	# 63
77) Benzidine	20.12	184	23901	2.279	ng	# 95
78) Pyrene	20.12	202	5730	0.267	ng	# 61
80) Butylbenzylphthalate	20.79	149	67	0.008	ng	# 22
81) Benzo(a)anthracene	21.82	228	933	0.045	ng	# 57

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QLast Update : Mon Mar 04 14:38:15 2019
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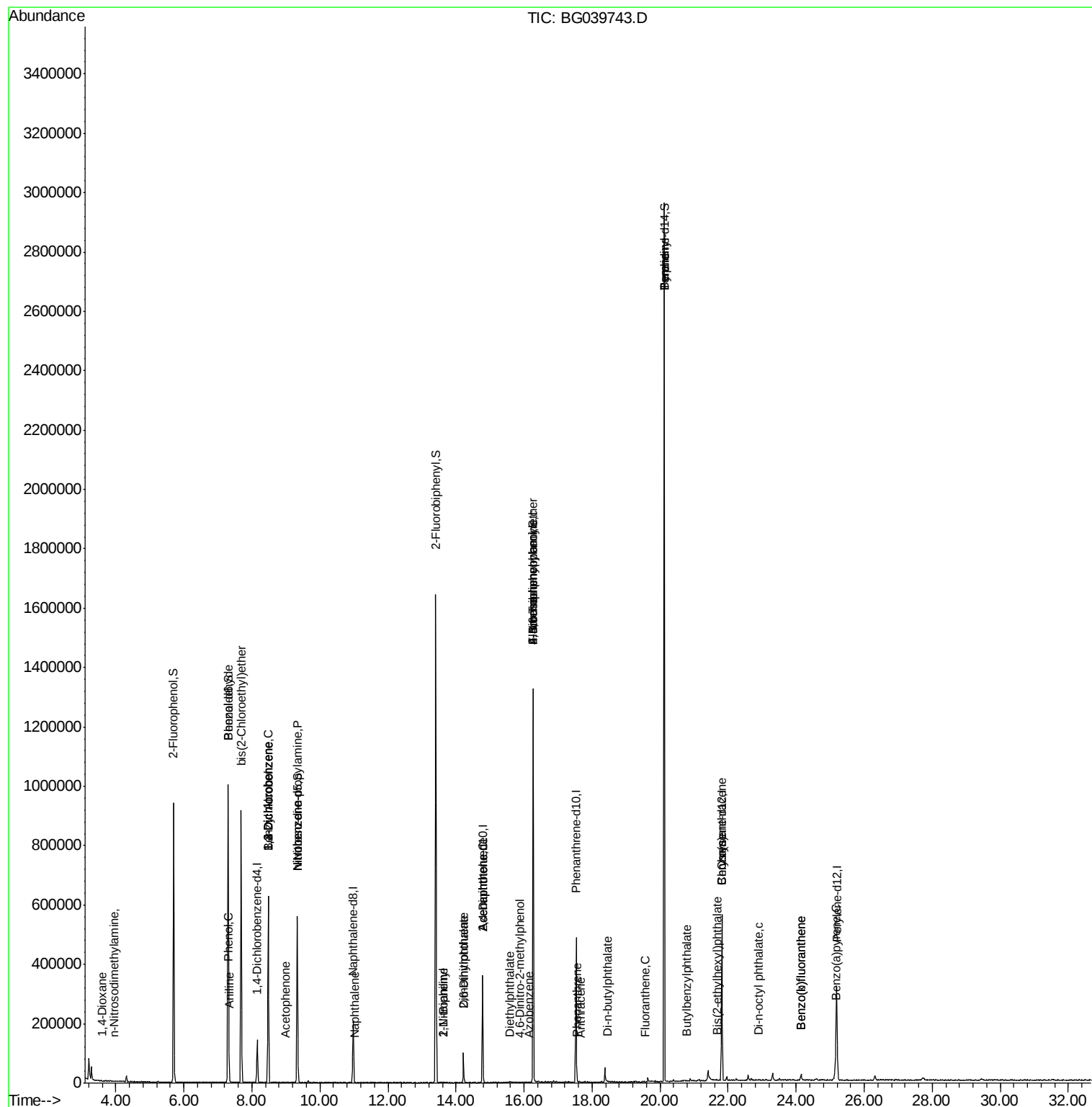
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	21.82	228	933	0.046	ng	# 54
84) Bis(2-ethylhexyl)phthalate	21.66	149	1054	0.090	ng	# 91
85) Di-n-octyl phthalate	22.90	149	58	0.003	ng	# 1
88) Benzo(b)fluoranthene	24.13	252	60	0.003	ng	# 60
89) Benzo(k)fluoranthene	24.13	252	60	0.003	ng	# 59
90) Benzo(a)pyrene	25.15	252	148	0.008	ng	# 59

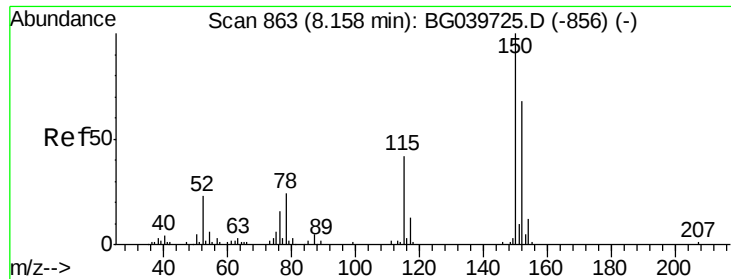
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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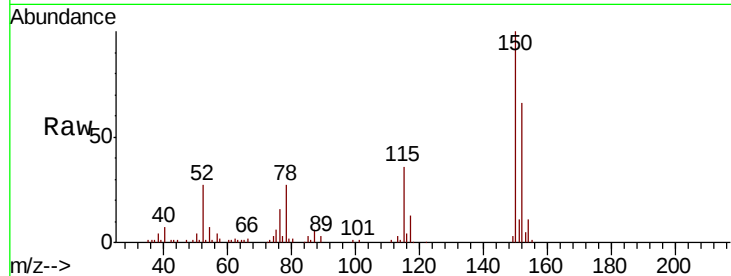


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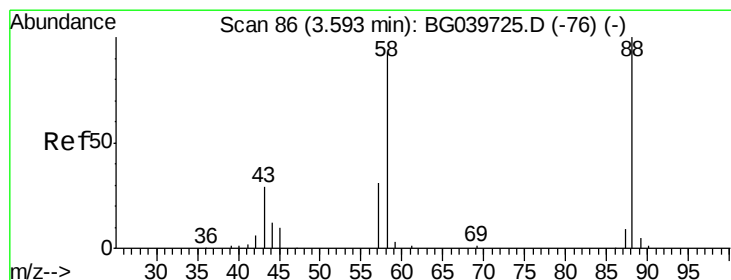
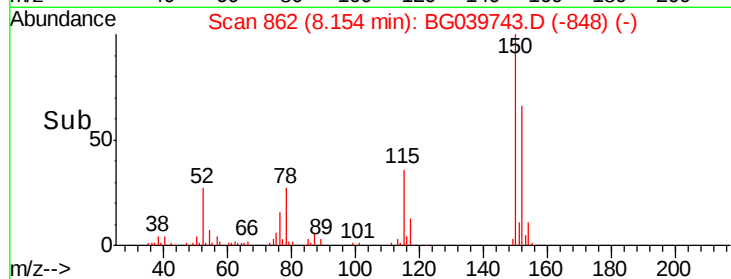
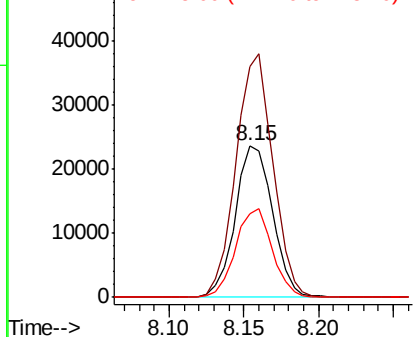
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039743.D
Acq: 4 Mar 2019 22:45

Instrument :
BNA_G
ClientSampleId :
SB-B-5-8

Tgt Ion:152 Resp: 41136
Ion Ratio Lower Upper
152 100
150 152.0 123.7 185.5
115 55.3 45.9 68.9



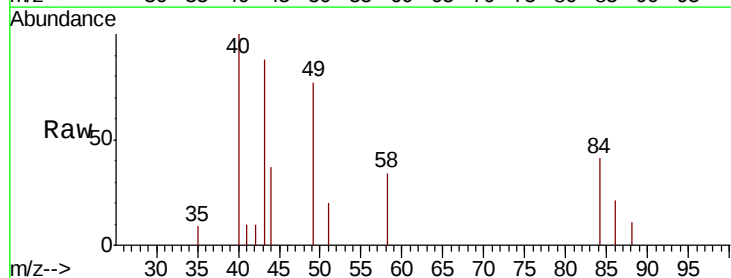
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



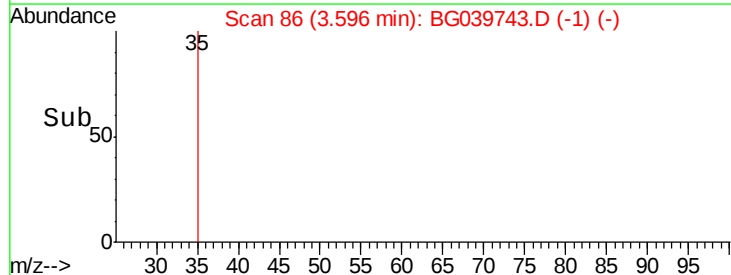
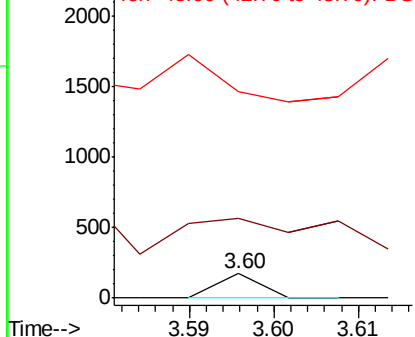
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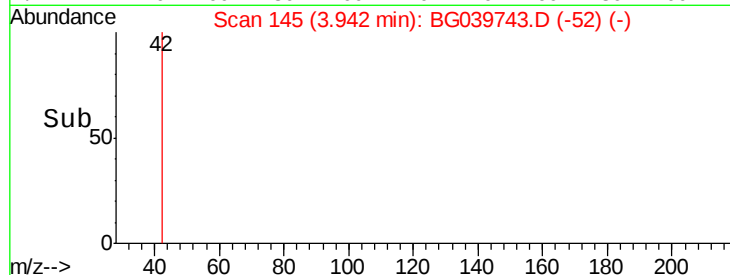
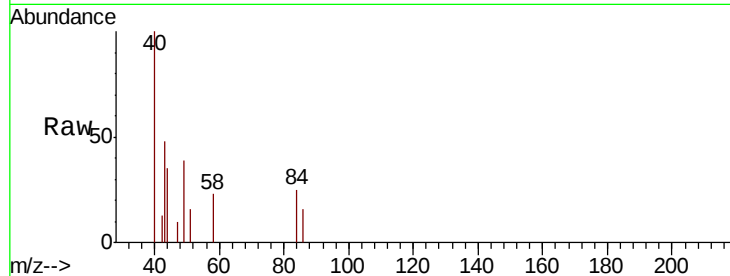
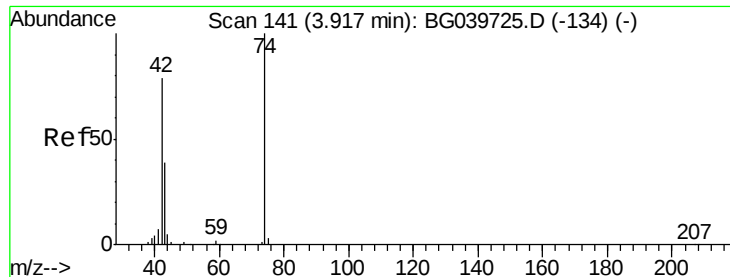
1,4-Dioxane
Concen: 0.056 ng
RT: 3.60 min Scan# 86
Delta R.T. -0.01 min
Lab File: BG039743.D
Acq: 4 Mar 2019 22:45

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
58 458.1 81.1 121.7#
43 577.4 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: 0.065 ng

RT: 3.94 min Scan# 145

Delta R.T. 0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

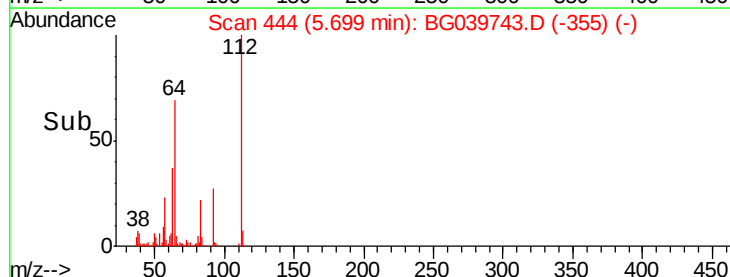
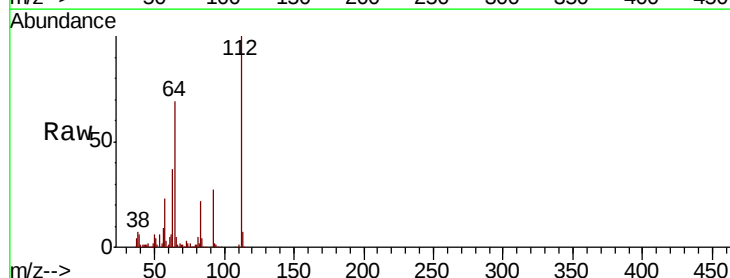
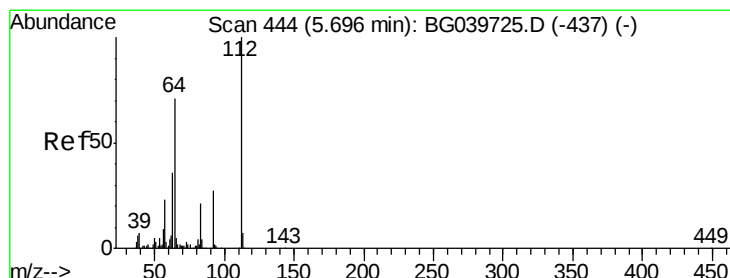
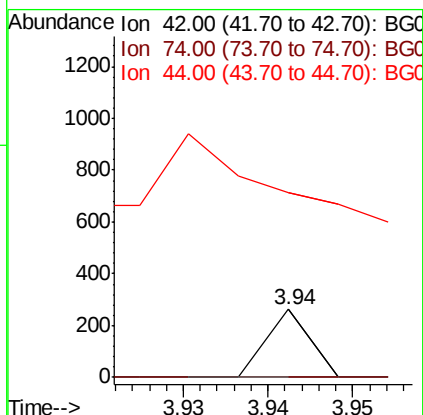
Tgt Ion: 42 Resp: 92

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 271.8 6.9 10.3#



#5

2-Fluorophenol

Concen: 159.263 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

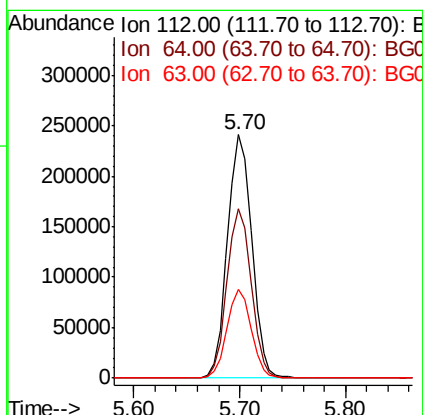
Tgt Ion: 112 Resp: 384022

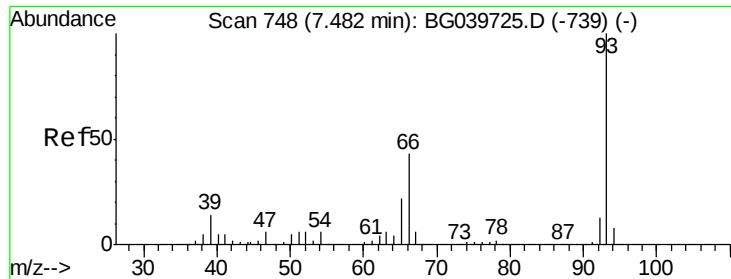
Ion Ratio Lower Upper

112 100

64 69.4 57.8 86.8

63 36.5 29.8 44.6





#6

Aniline

Concen: 0.018 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.16 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

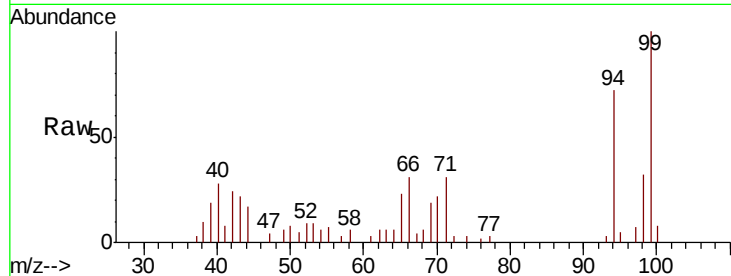
Tgt Ion: 93 Resp: 87

Ion Ratio Lower Upper

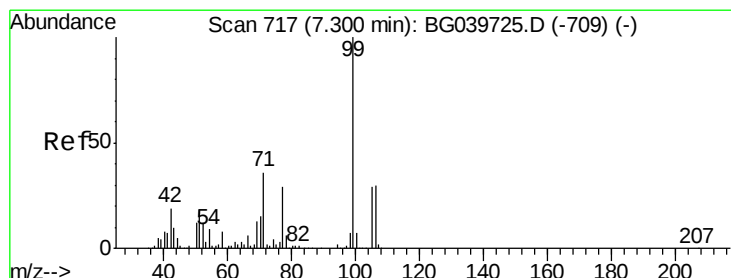
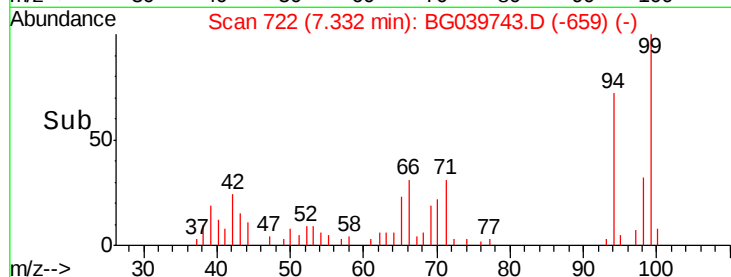
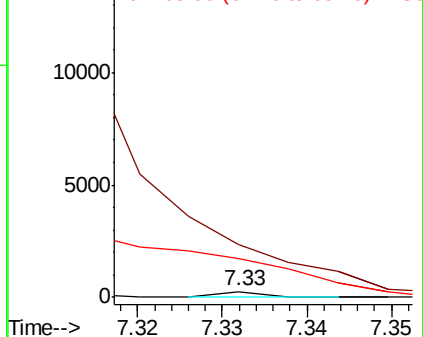
93 100

66 959.5 34.2 51.4#

65 696.8 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

Phenol-d6

Concen: 157.292 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

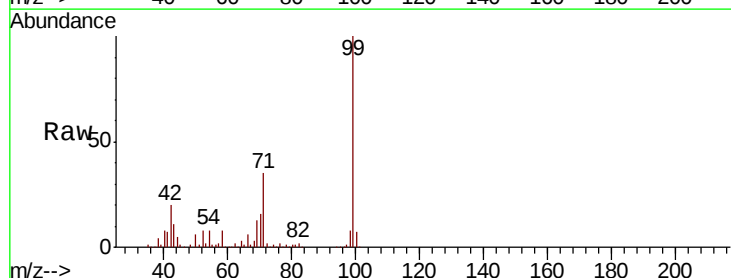
Tgt Ion: 99 Resp: 565513

Ion Ratio Lower Upper

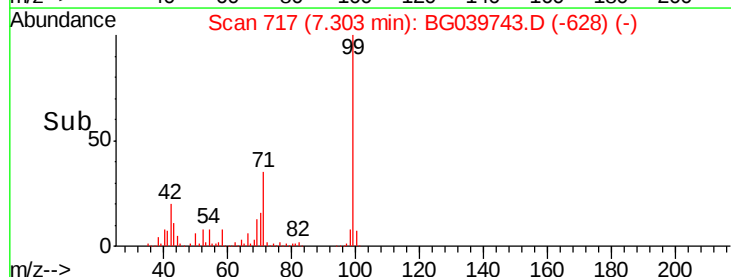
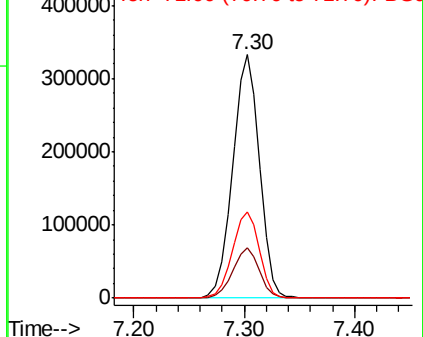
99 100

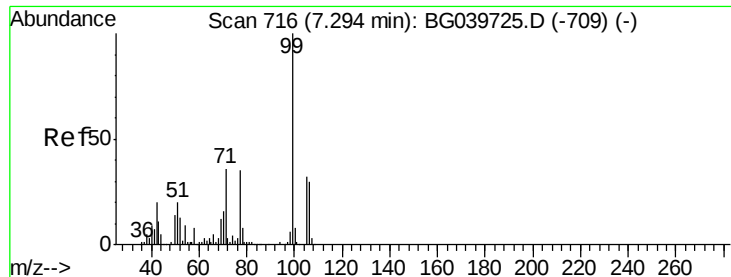
42 20.4 18.2 27.2

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





#9

Benzaldehyde

Concen: 0.540 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

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ClientSampleId :

SB-B-5-8

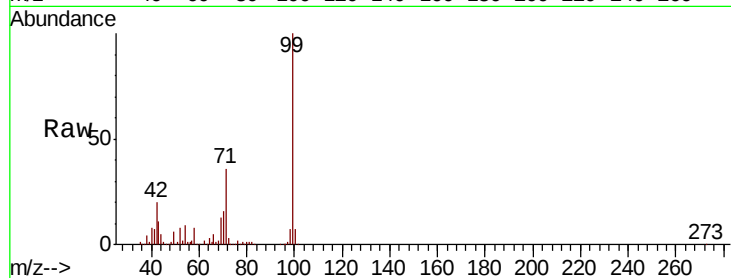
Tgt Ion: 77 Resp: 1253

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

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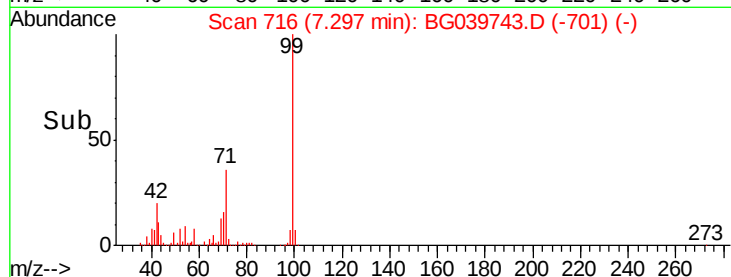
7.30

7.30

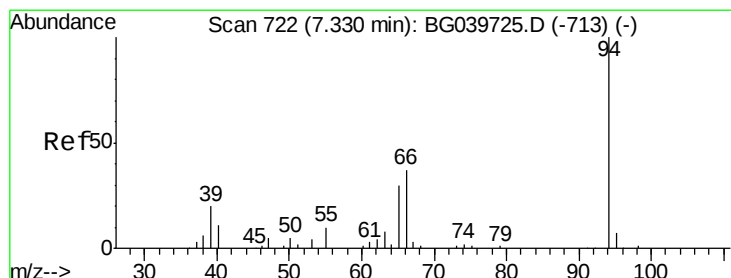
7.30

7.30

7.30



Time-->



#10

Phenol

Concen: 2.374 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

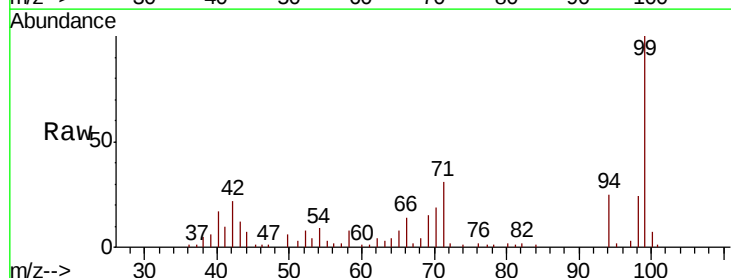
Tgt Ion: 94 Resp: 9246

Ion Ratio Lower Upper

94 100

65 33.4 11.7 51.7

66 57.5 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

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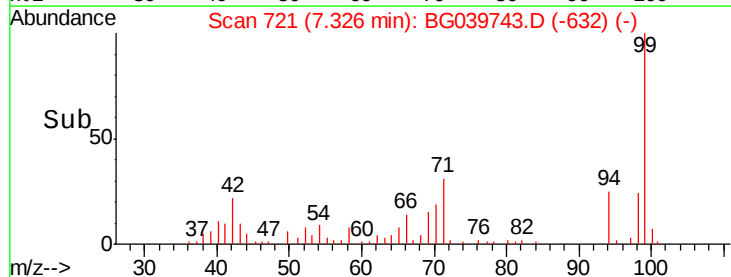
7.33

7.33

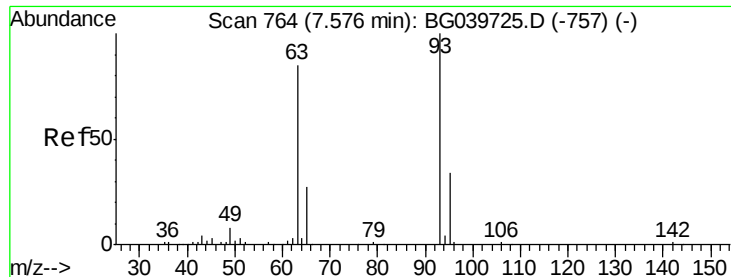
7.33

7.33

7.33



Time-->



#11

bis(2-Chloroethyl)ether

Concen: 0.130 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.10 min

Lab File: BG039743.D

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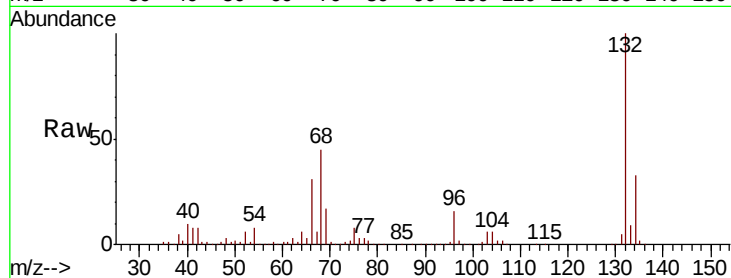
Tgt Ion: 93 Resp: 394

Ion Ratio Lower Upper

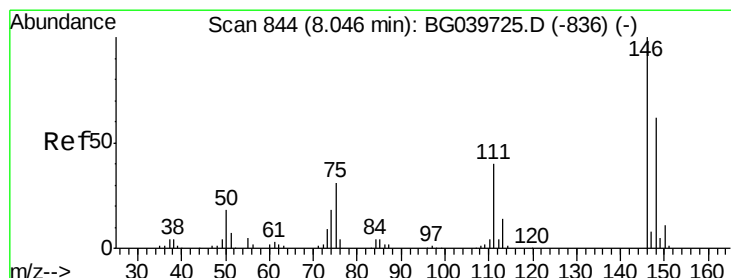
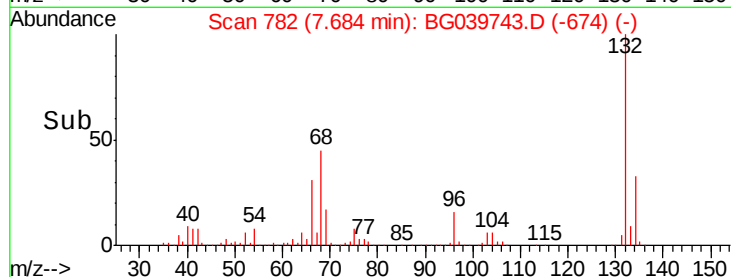
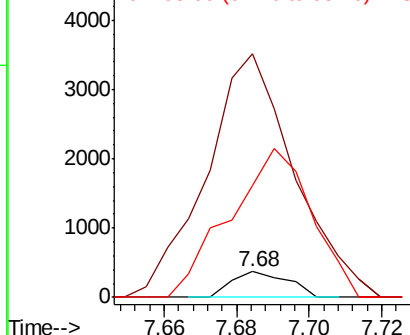
93 100

63 955.4 69.5 109.5#

95 440.8 12.7 52.7#



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



#12

1,3-Dichlorobenzene

Concen: 0.017 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.42 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

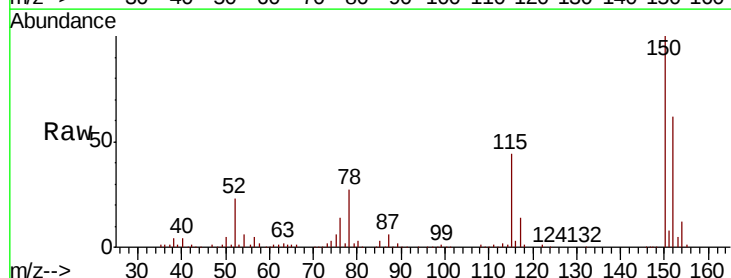
Tgt Ion:146 Resp: 55

Ion Ratio Lower Upper

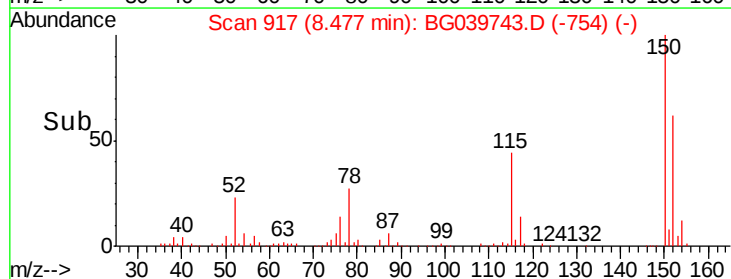
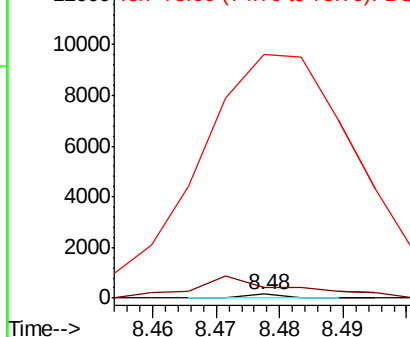
146 100

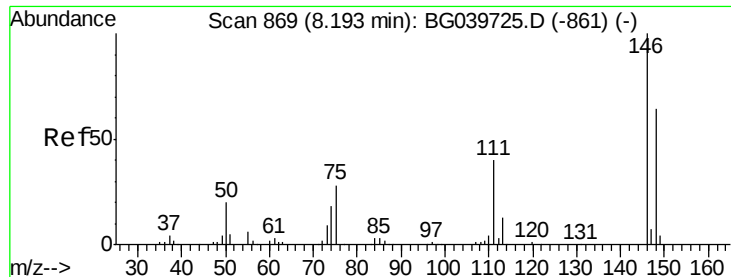
148 262.4 52.6 79.0#

75 6123.6 25.8 38.6#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 0.016 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.28 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampled :

SB-B-5-8

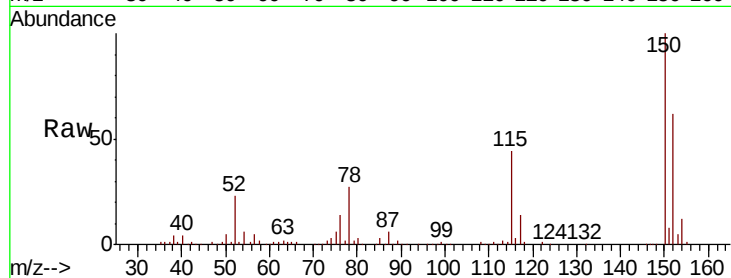
Tgt Ion:146 Resp: 55

Ion Ratio Lower Upper

146 100

148 262.4 51.1 76.7#

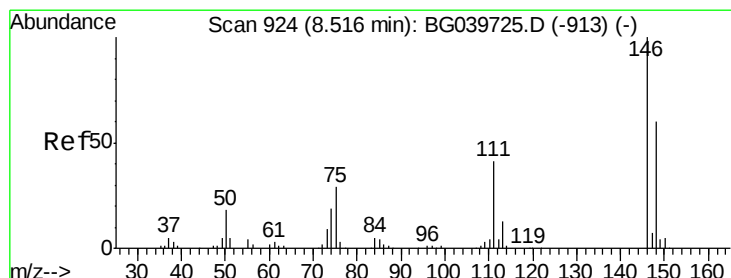
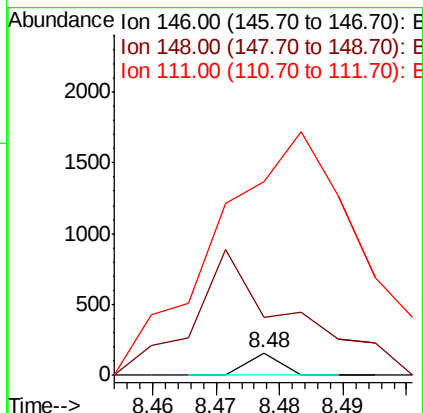
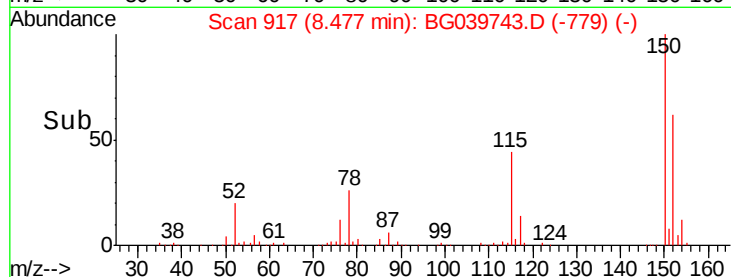
111 873.2 32.6 48.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.017 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.05 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

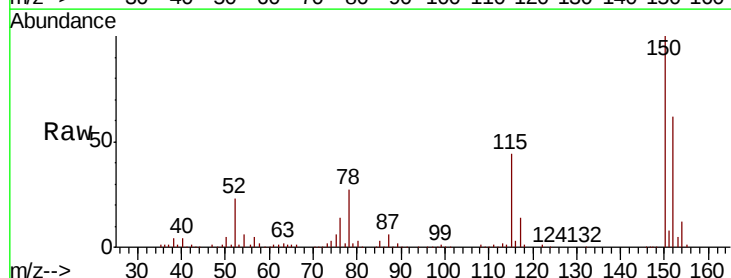
Tgt Ion:146 Resp: 55

Ion Ratio Lower Upper

146 100

148 262.4 51.5 77.3#

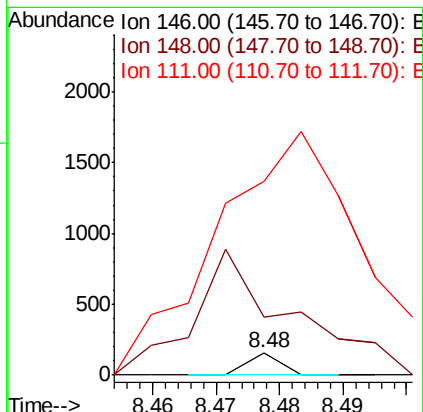
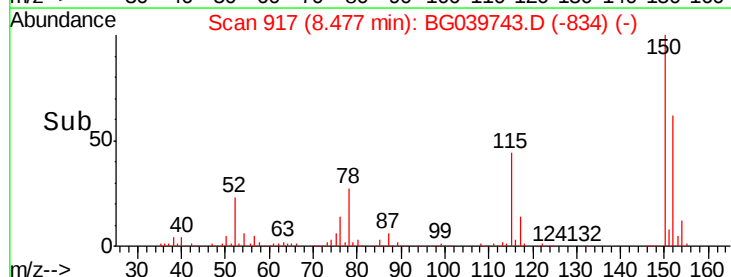
111 873.2 33.8 50.6#

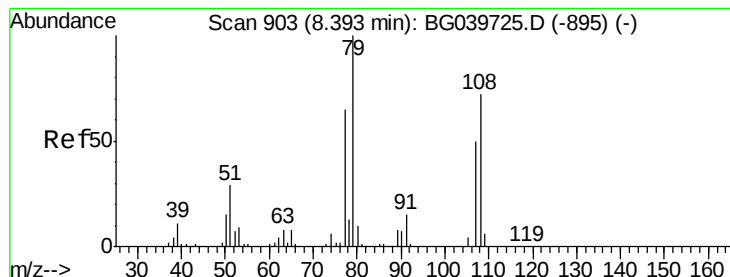


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.814 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.07 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

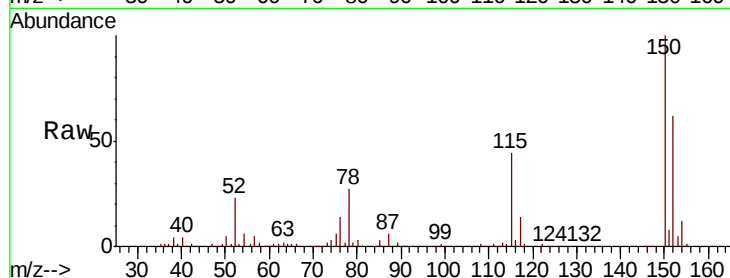
Tgt Ion: 79 Resp: 5173

Ion Ratio Lower Upper

79 100

108 33.0 57.8 86.6#

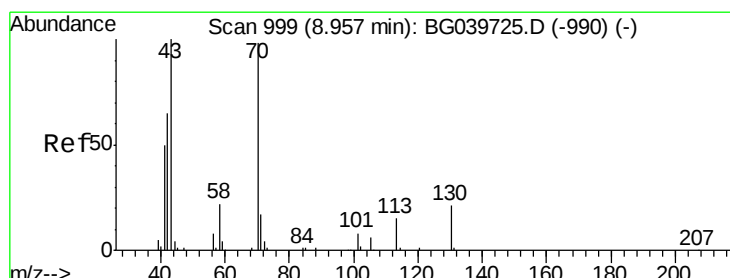
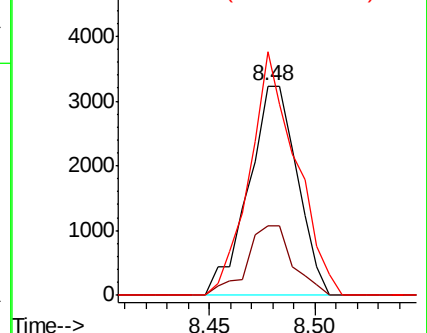
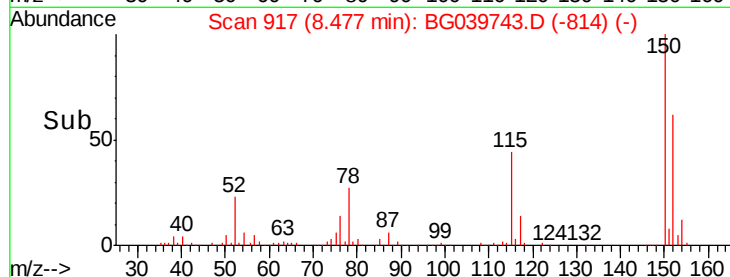
77 116.1 51.1 76.7#



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.571 ng

RT: 9.34 min Scan# 1063

Delta R.T. 0.37 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Tgt Ion: 70 Resp: 42882

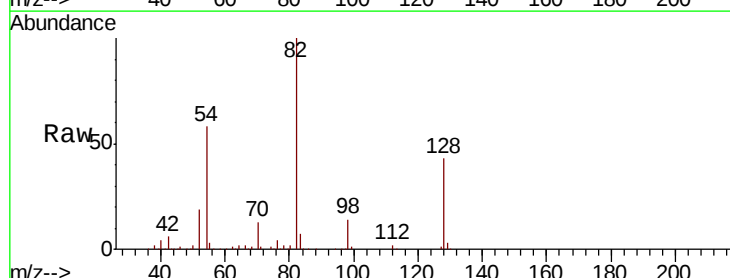
Ion Ratio Lower Upper

70 100

42 48.2 60.4 90.6#

101 0.0 7.5 11.3#

130 3.1 16.9 25.3#

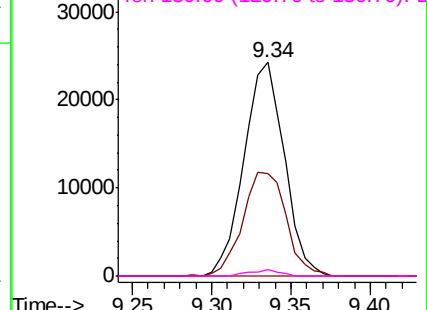
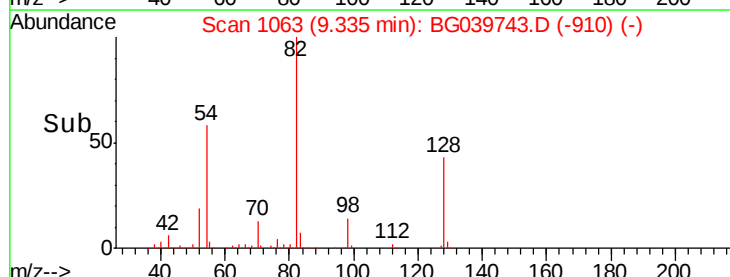


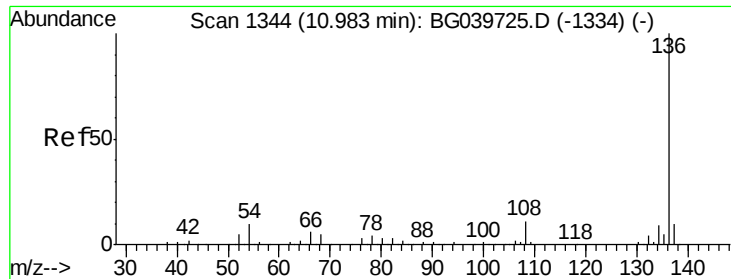
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

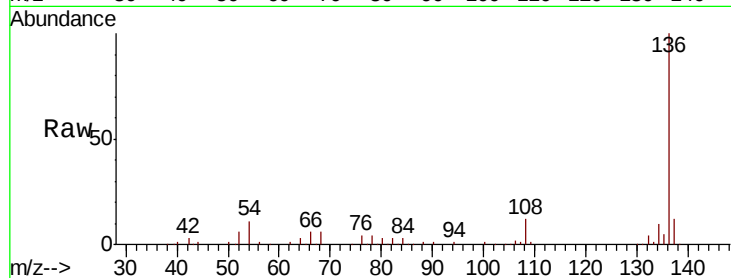




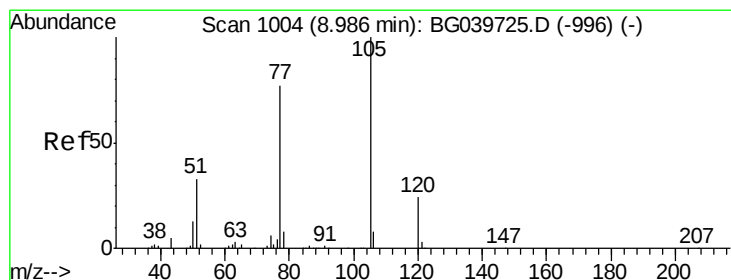
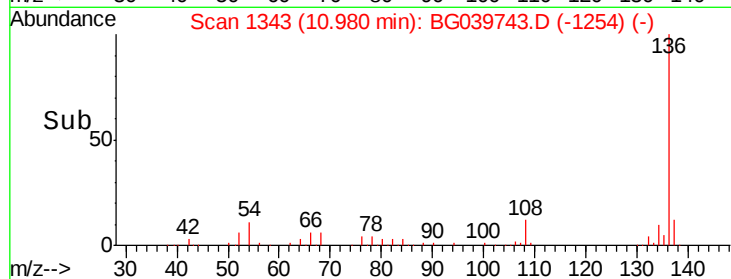
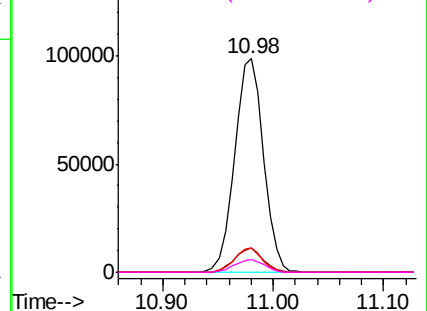
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039743.D
Acq: 4 Mar 2019 22:45

Instrument :
BNA_G
ClientSampleId :
SB-B-5-8

Tgt Ion:	136	Resp:	180918
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.5	9.4	14.2
68	5.9	4.2	6.4

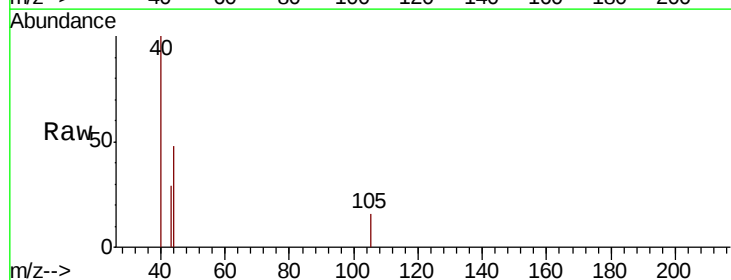


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

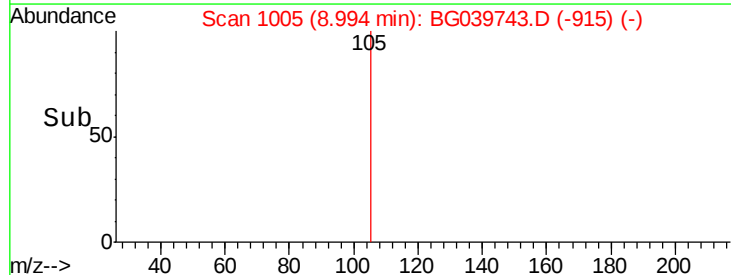
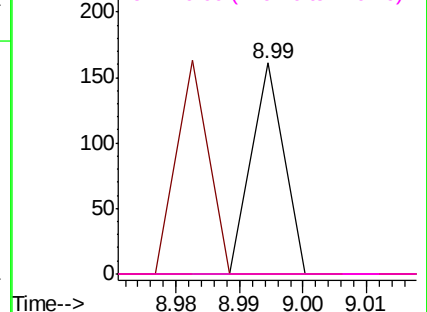


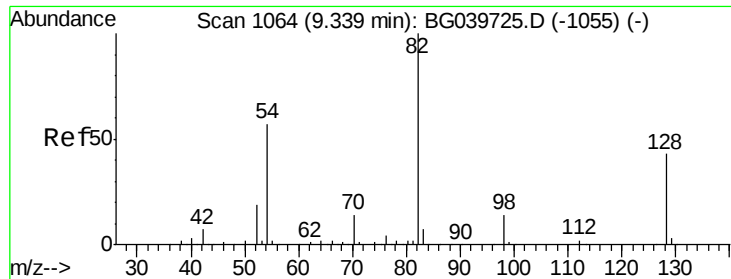
#22
Acetophenone
Concen: 0.012 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG039743.D
Acq: 4 Mar 2019 22:45

Tgt Ion:	105	Resp:	57
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	0.0	30.2	45.2#
120	0.0	18.0	27.0#



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

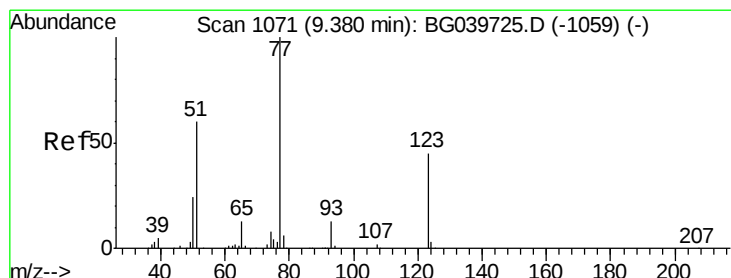
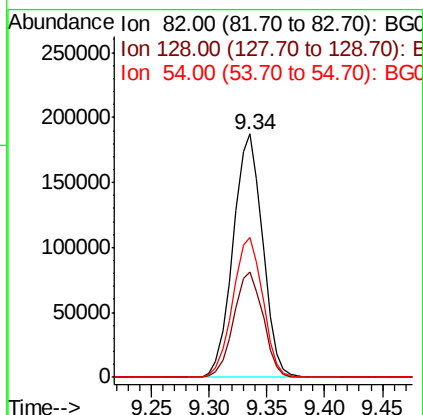
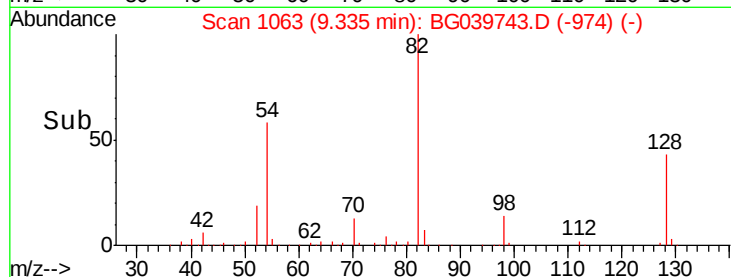
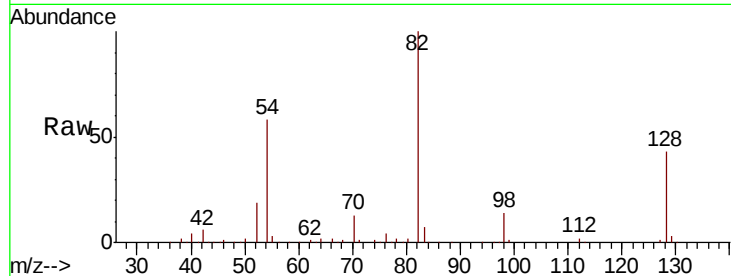




#23
Nitrobenzene-d5
Concen: 99.298 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039743.D
Acq: 4 Mar 2019 22:45

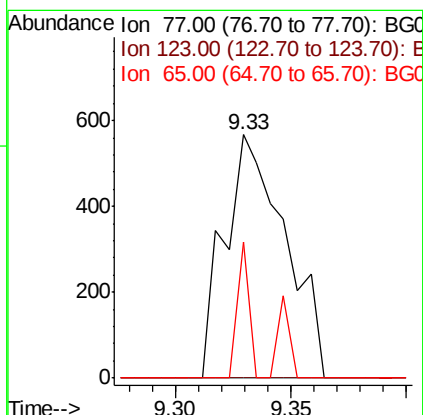
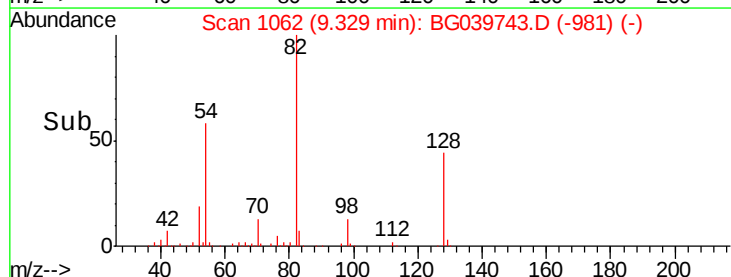
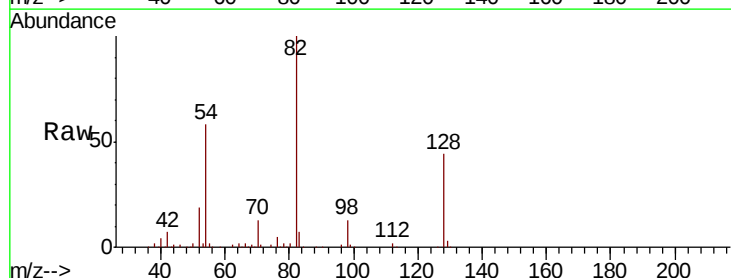
Instrument :
BNA_G
ClientSampleId :
SB-B-5-8

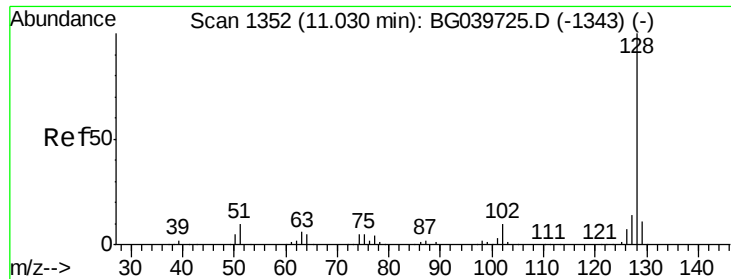
Tgt Ion: 82 Resp: 332165
Ion Ratio Lower Upper
82 100
128 43.4 31.3 46.9
54 57.6 50.9 76.3



#24
Nitrobenzene
Concen: 0.295 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BG039743.D
Acq: 4 Mar 2019 22:45

Tgt Ion: 77 Resp: 1035
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 56.1 12.3 18.5#

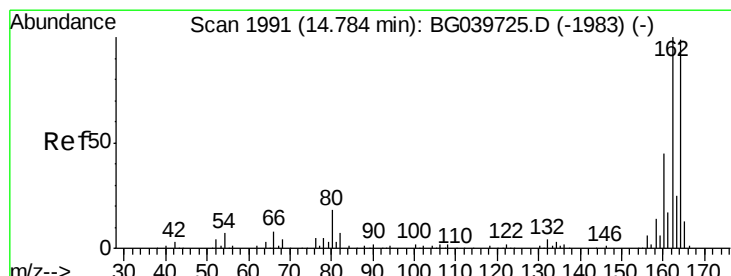
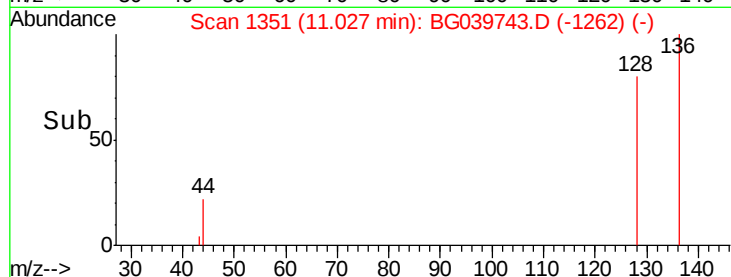
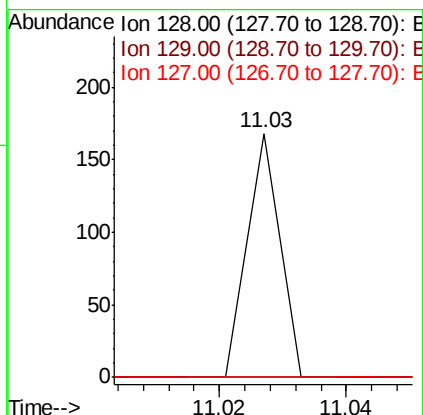
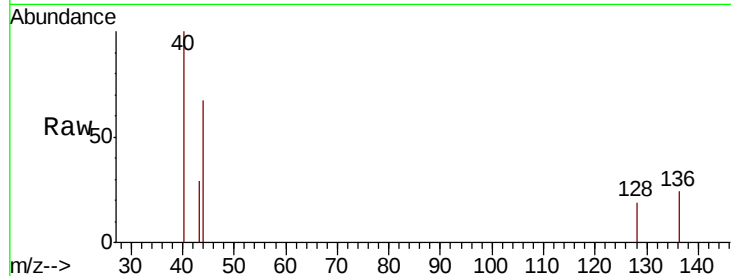




#31
Naphthalene
Concen: 0.006 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039743.D
Acq: 4 Mar 2019 22:45

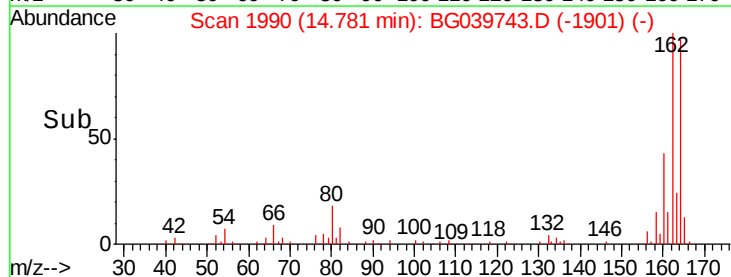
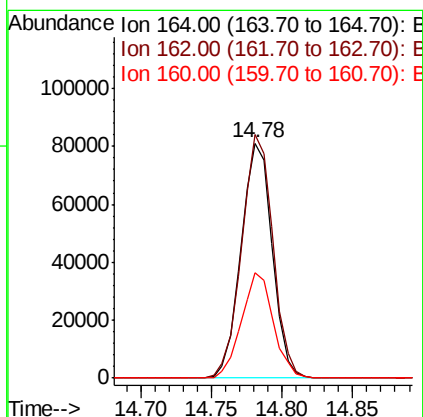
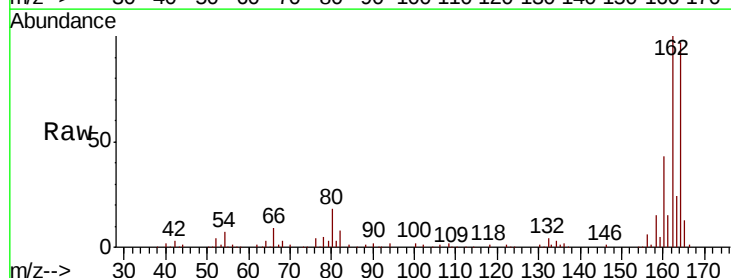
Instrument :
BNA_G
ClientSampleId :
SB-B-5-8

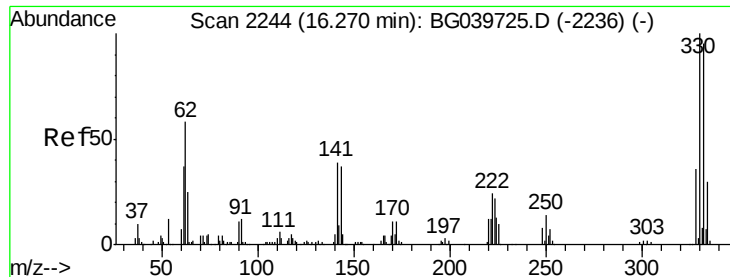
Tgt Ion:128 Resp: 59
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.8 16.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039743.D
Acq: 4 Mar 2019 22:45

Tgt Ion:164 Resp: 124979
Ion Ratio Lower Upper
164 100
162 103.5 81.6 122.4
160 44.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 155.288 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

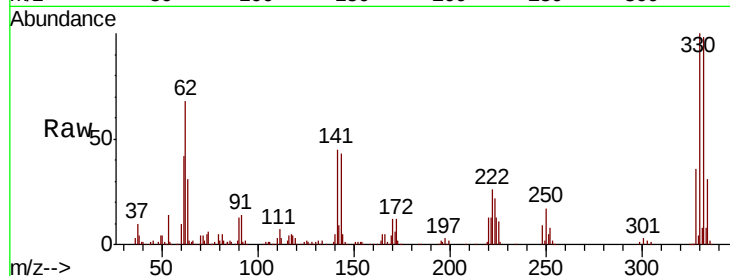
Tgt Ion:330 Resp: 226212

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

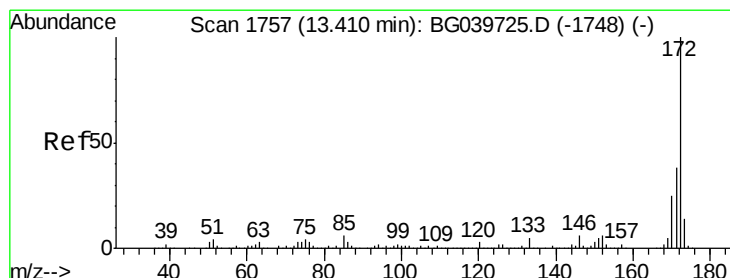
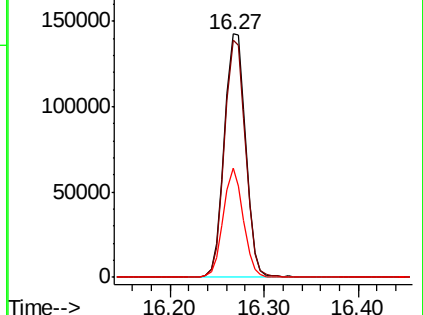
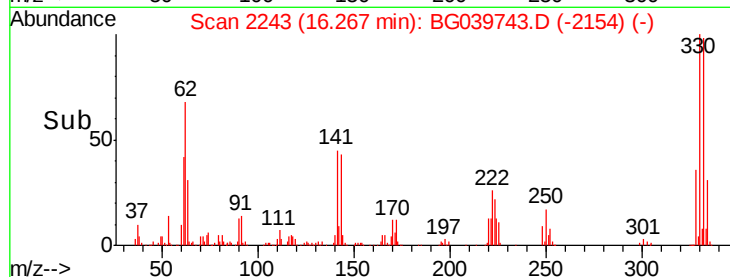
141 41.9 35.6 53.4



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: 96.208 ng

RT: 13.41 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

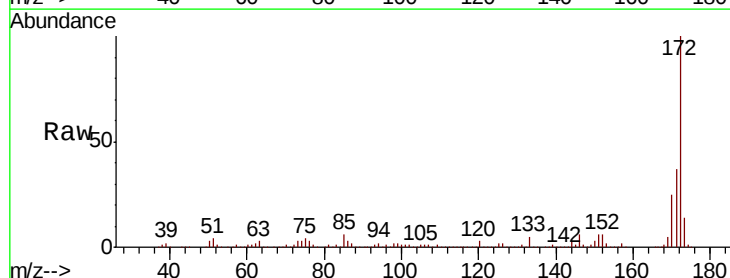
Tgt Ion:172 Resp: 844479

Ion Ratio Lower Upper

172 100

171 36.8 30.8 46.2

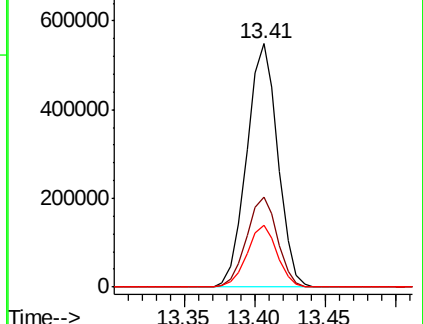
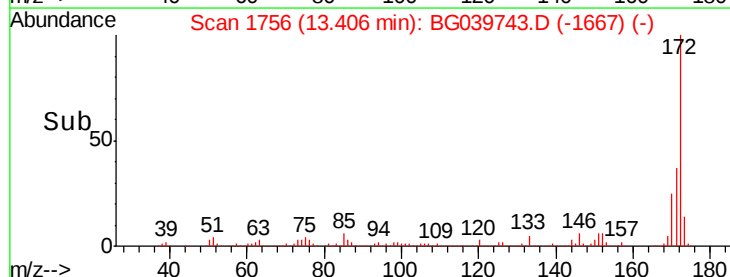
170 25.4 20.2 30.4

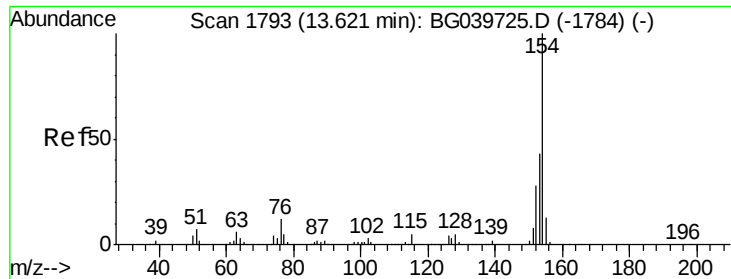


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

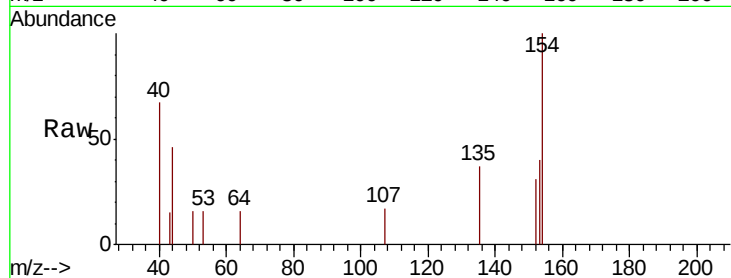




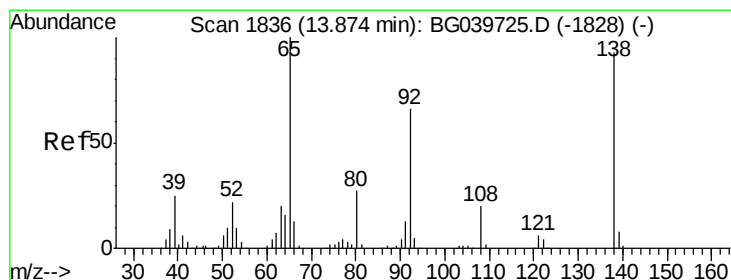
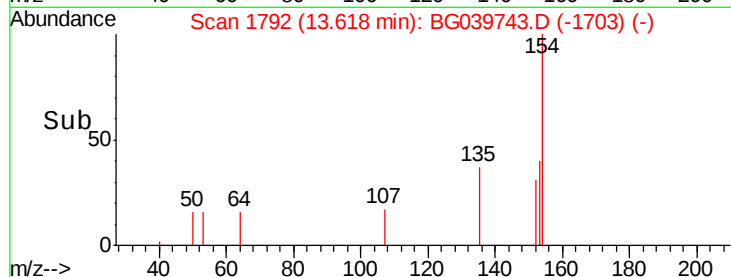
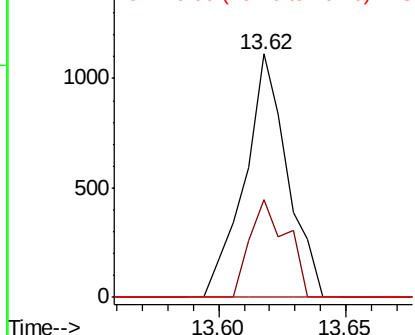
#46
1,1'-Biphenyl
Concen: 0.127 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039743.D
Acq: 4 Mar 2019 22:45

Instrument :
BNA_G
ClientSampled :
SB-B-5-8

Tgt Ion: 154 Resp: 1309
Ion Ratio Lower Upper
154 100
153 39.9 22.1 62.1
76 0.0 0.0 32.4

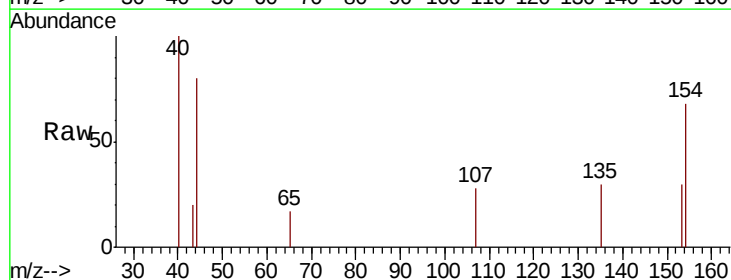


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

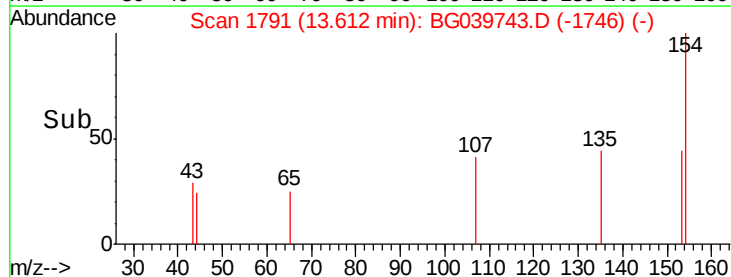
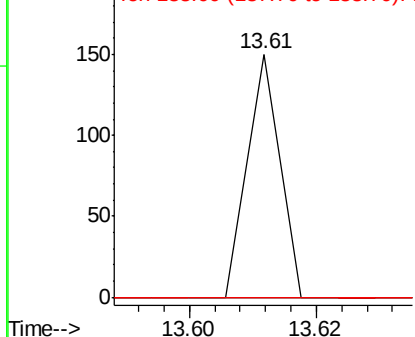


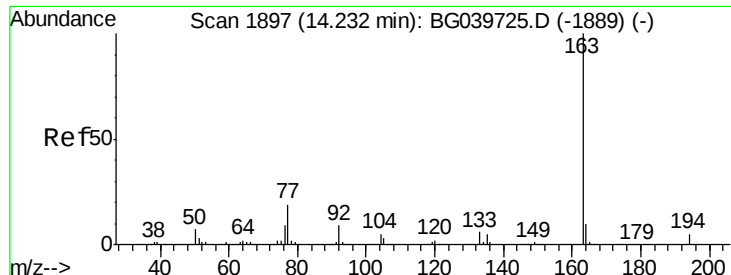
#48
2-Nitroaniline
Concen: 0.021 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.27 min
Lab File: BG039743.D
Acq: 4 Mar 2019 22:45

Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 0.0 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: 6.558 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

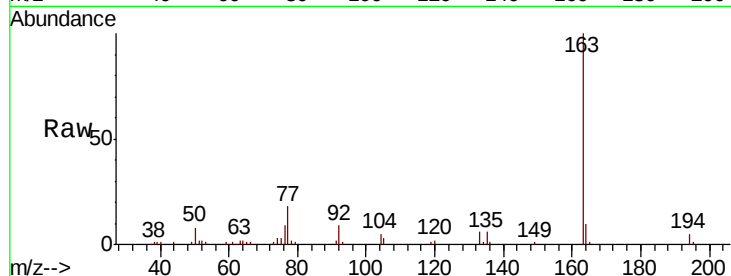
Tgt Ion:163 Resp: 68538

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

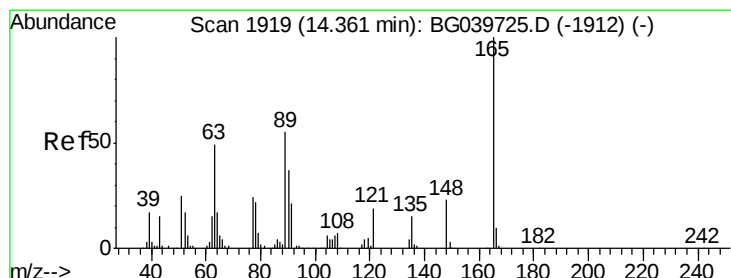
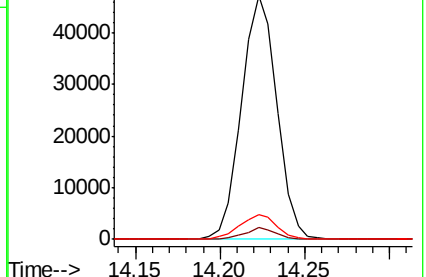
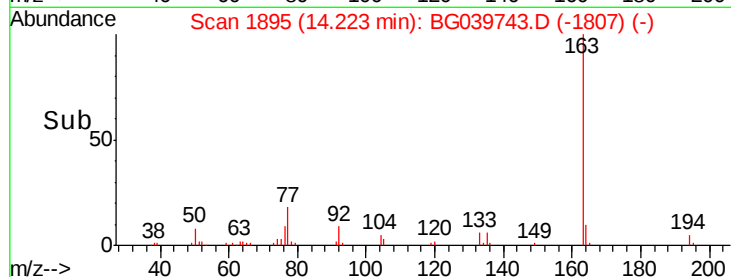
164 10.2 8.4 12.6



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: 0.278 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.15 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

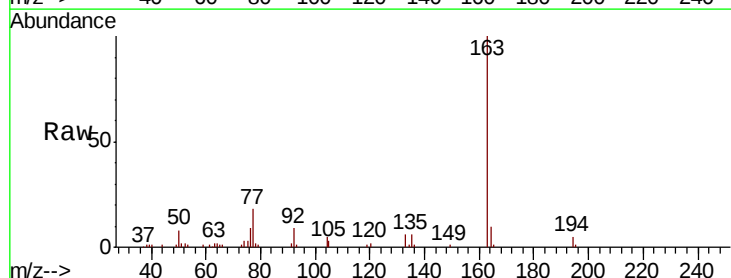
Tgt Ion:165 Resp: 617

Ion Ratio Lower Upper

165 100

63 160.9 47.0 70.6#

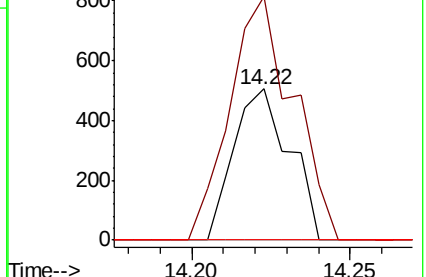
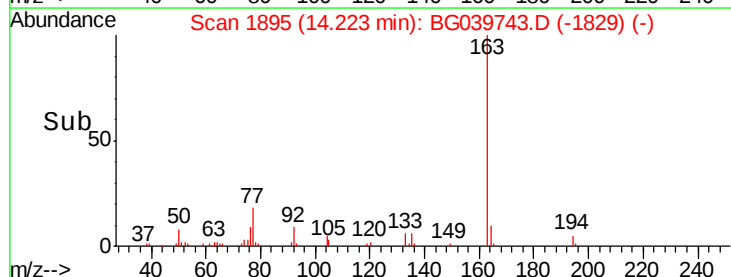
89 0.0 45.8 68.8#

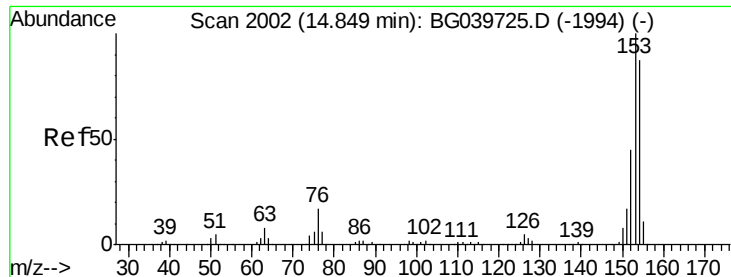


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.053 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.07 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

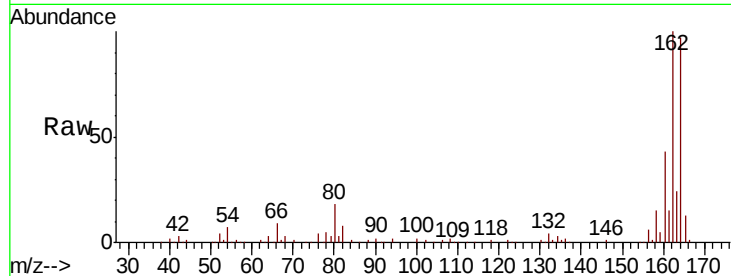
Tgt Ion:154 Resp: 405

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

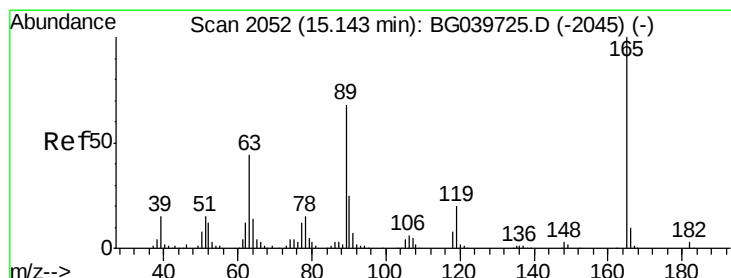
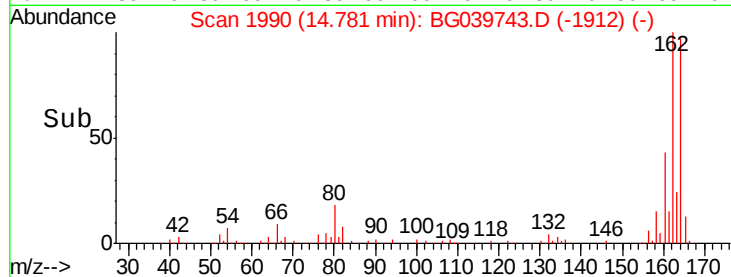
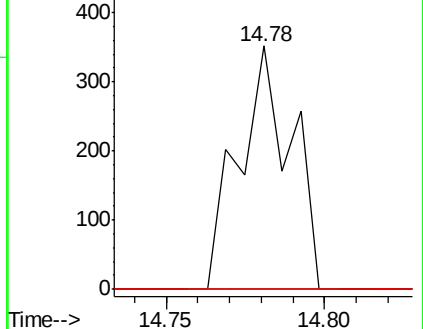
152 0.0 40.9 61.3#



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: 5.332 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Tgt Ion:165 Resp: 16597

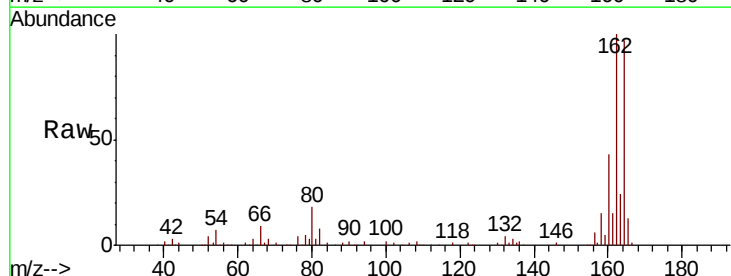
Ion Ratio Lower Upper

165 100

63 2.5 41.0 61.6#

89 0.0 64.6 96.8#

182 0.0 2.0 3.0#

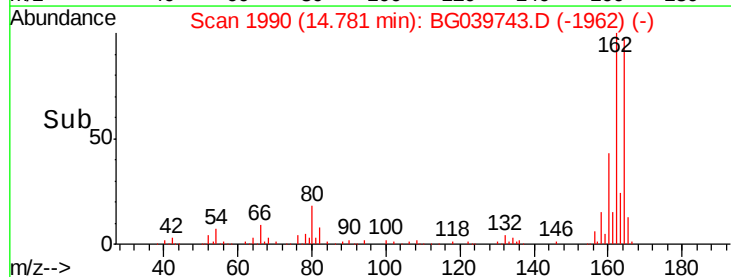
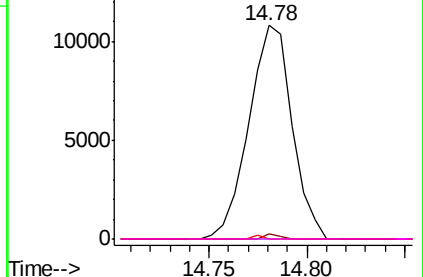


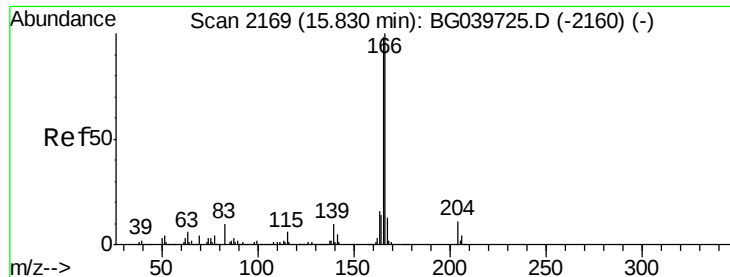
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 1.040 ng

RT: 16.27 min Scan# 2243

Delta R.T. 0.43 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

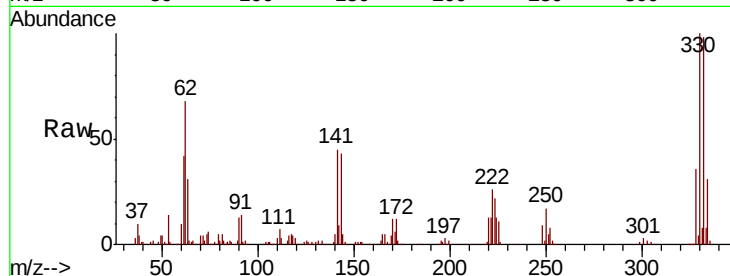
Tgt Ion:166 Resp: 10248

Ion Ratio Lower Upper

166 100

165 90.0 77.9 116.9

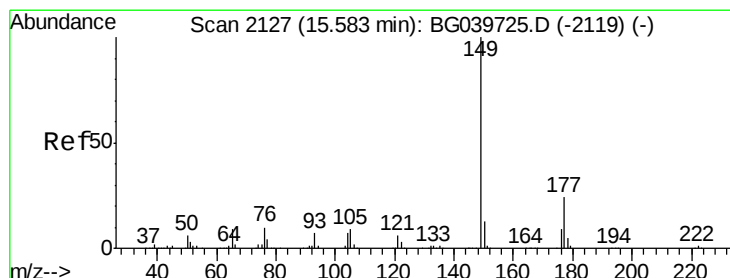
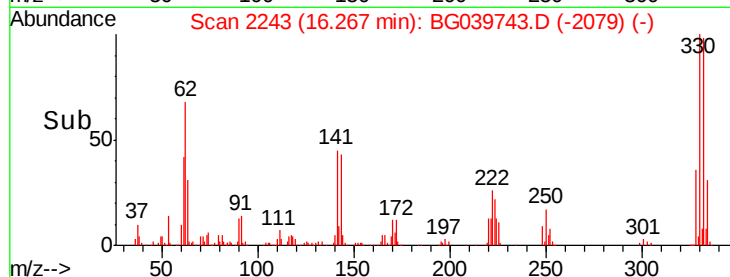
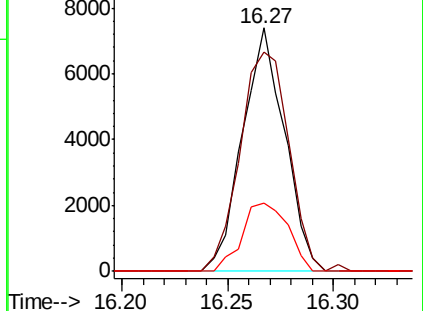
167 28.0 10.8 16.2#



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: 0.040 ng

RT: 15.57 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

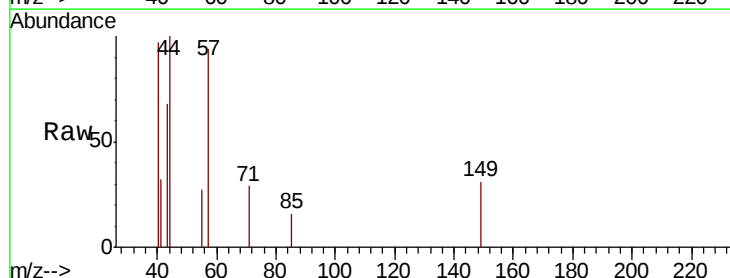
Tgt Ion:149 Resp: 416

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

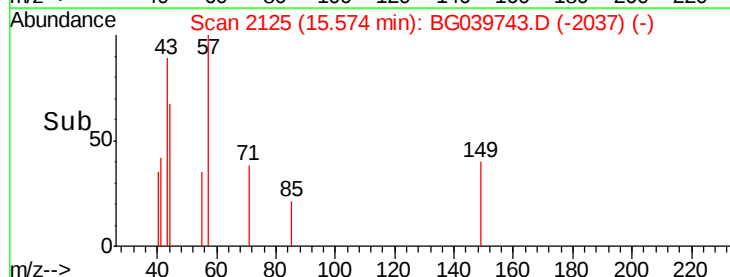
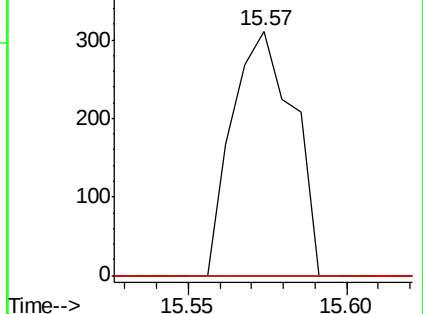
150 0.0 10.2 15.2#

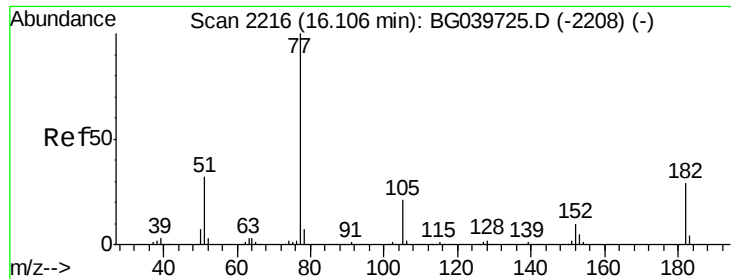


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.006 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.04 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

Tgt Ion: 77 Resp: 60

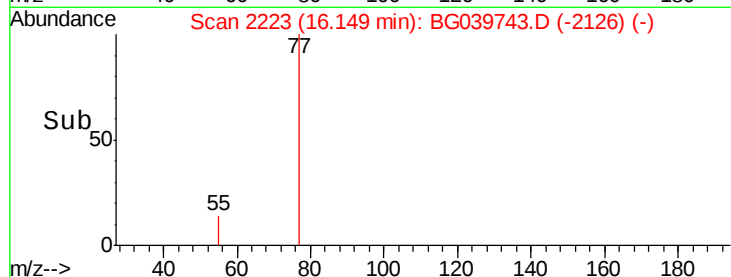
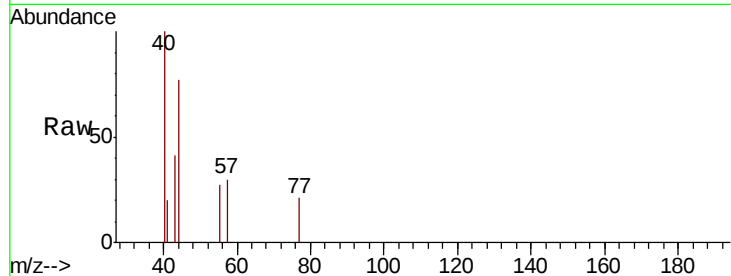
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 0.0 0.0 39.8

51 0.0 14.1 54.1#

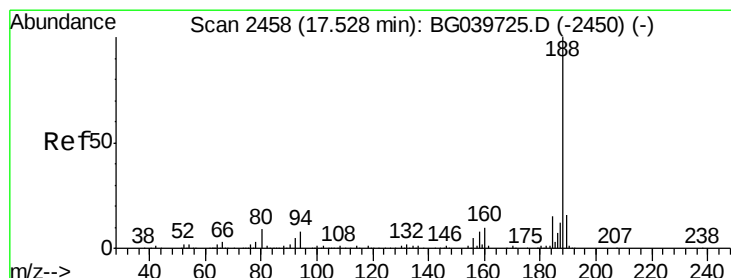
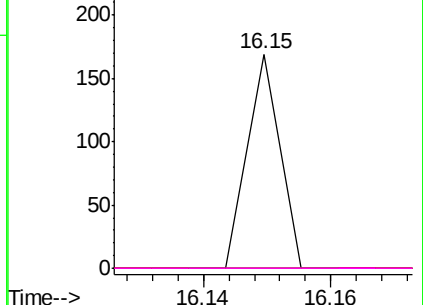


Abundance Ion 77.00 (76.70 to 77.70): BG0

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): BG0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

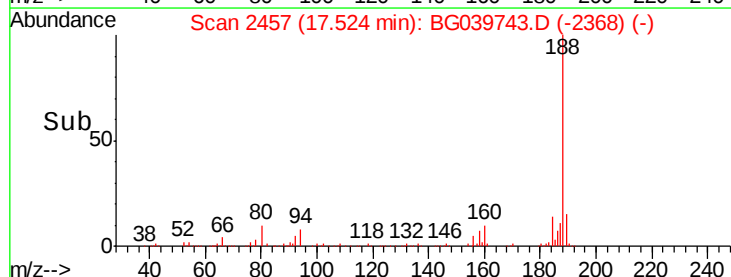
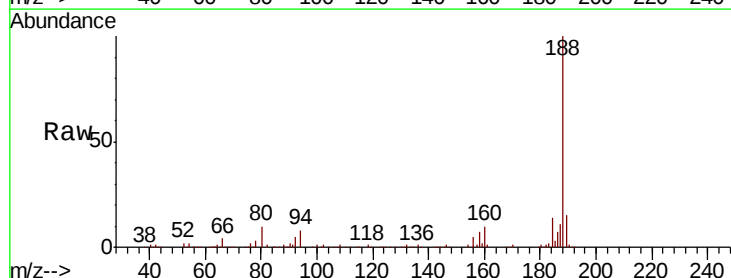
Tgt Ion: 188 Resp: 311362

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

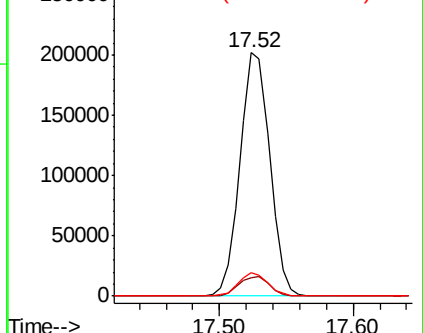
80 9.5 8.1 12.1

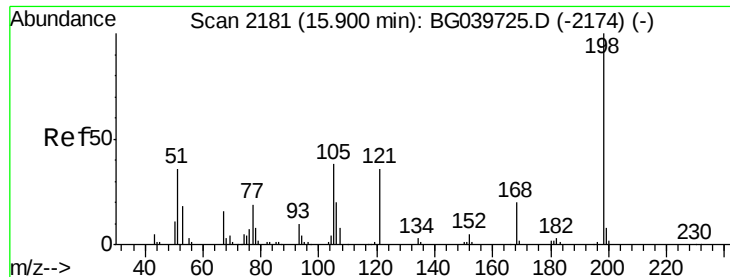


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

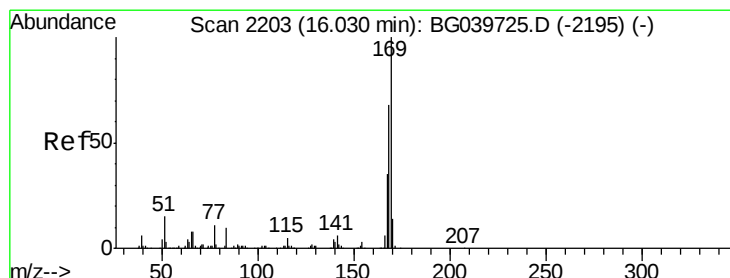
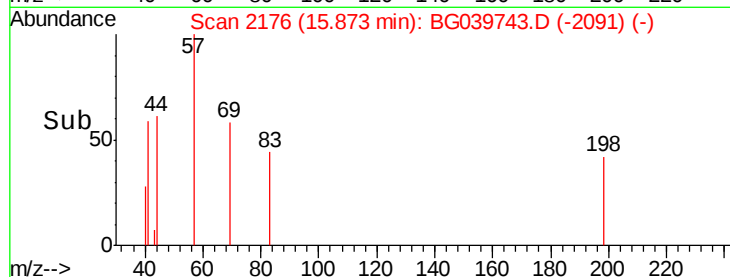
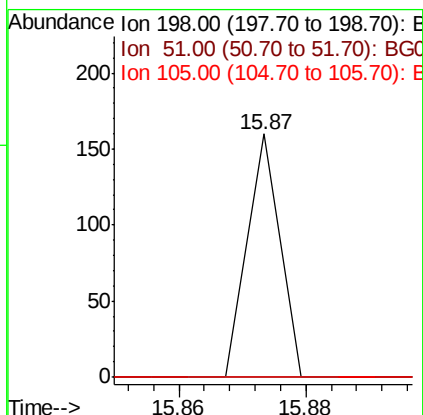
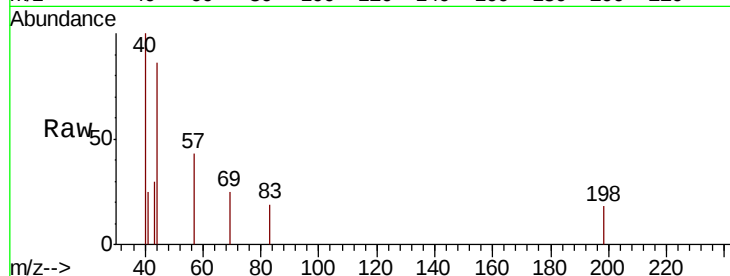




#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.030 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BG039743.D
 Acq: 4 Mar 2019 22:45

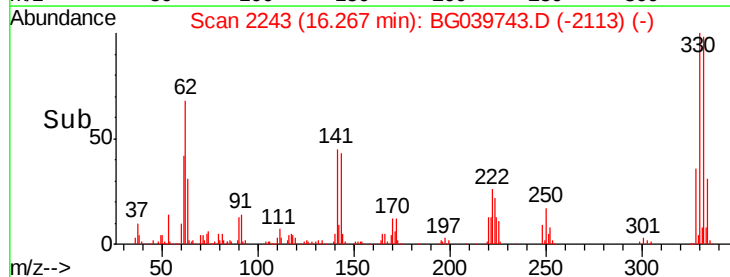
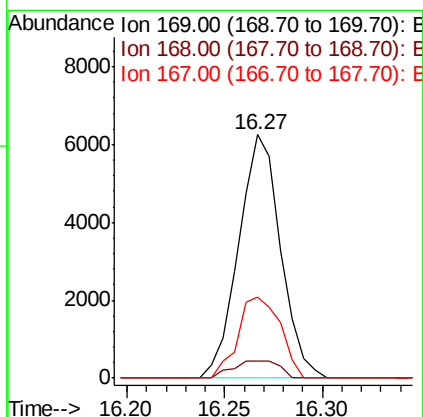
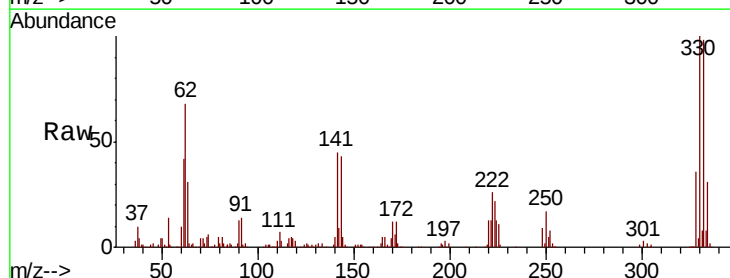
Instrument :
 BNA_G
 ClientSampleId :
 SB-B-5-8

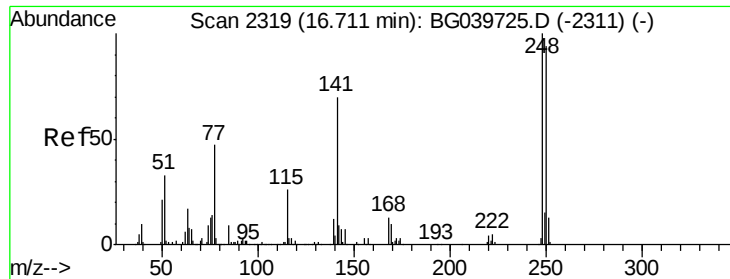
Tgt Ion:198 Resp: 56
 Ion Ratio Lower Upper
 198 100
 51 0.0 27.4 67.4#
 105 0.0 19.7 59.7#



#66
 n-Nitrosodiphenylamine
 Concen: 1.029 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039743.D
 Acq: 4 Mar 2019 22:45

Tgt Ion:169 Resp: 9274
 Ion Ratio Lower Upper
 169 100
 168 6.9 56.6 85.0#
 167 33.1 28.8 43.2





#67

4-Bromophenyl-phenylether

Concen: 5.170 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.45 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

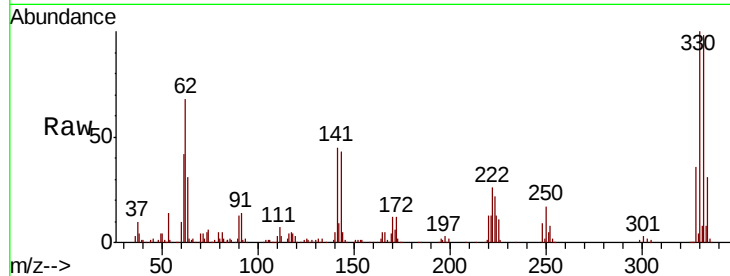
Tgt Ion:248 Resp: 18020

Ion Ratio Lower Upper

248 100

250 192.6 77.6 116.4#

141 522.3 63.9 95.9#

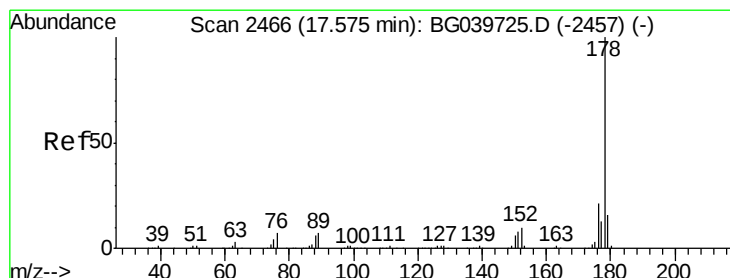
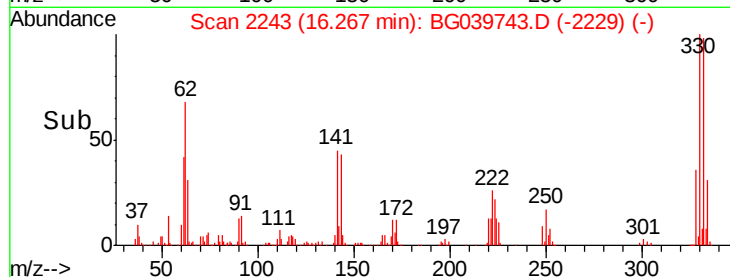
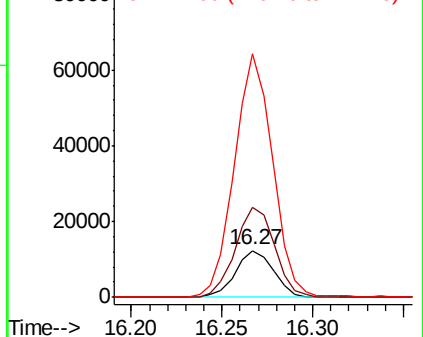


Abundance

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: 0.032 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

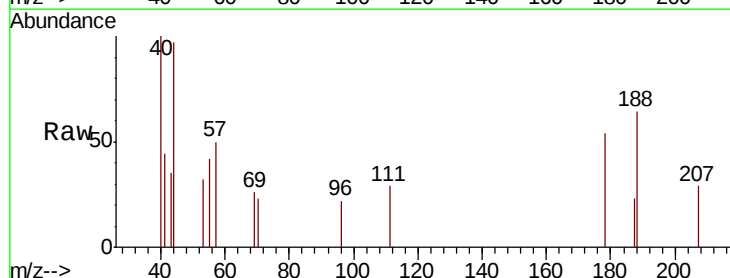
Tgt Ion:178 Resp: 541

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

179 0.0 12.6 19.0#

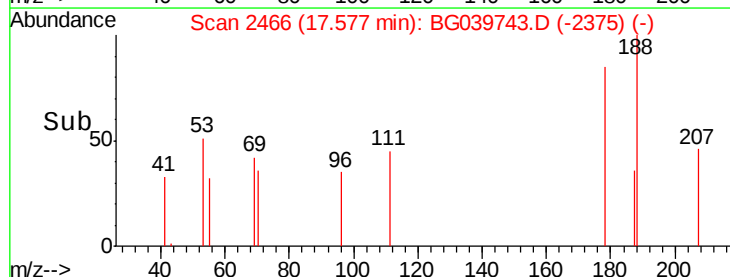
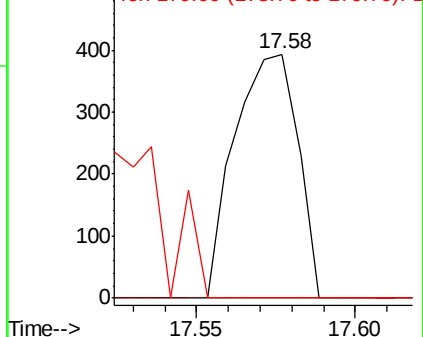


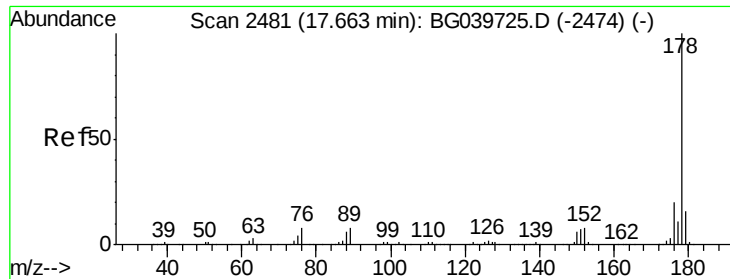
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.003 ng

RT: 17.67 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

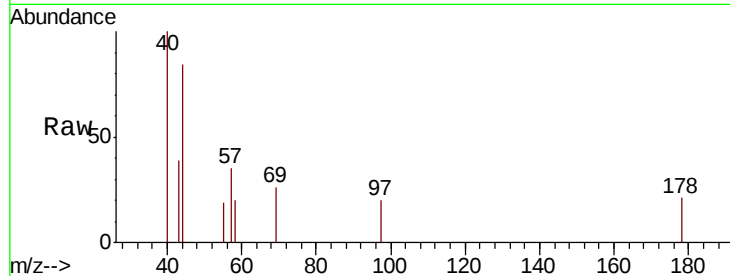
Tgt Ion:178 Resp: 58

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

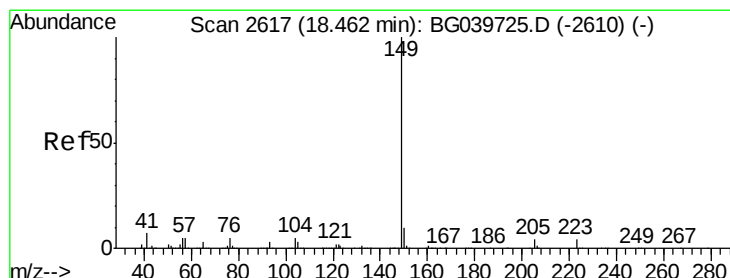
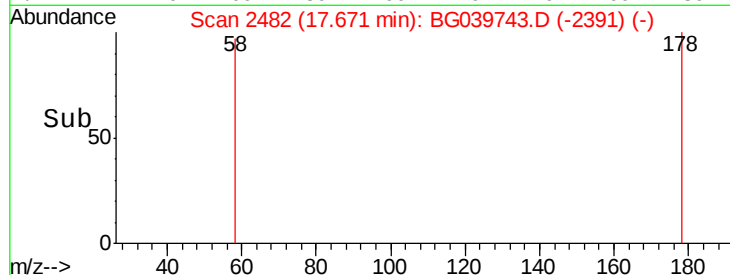
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.67

17.66 17.68

Time-->



#74

Di-n-butylphthalate

Concen: 0.105 ng

RT: 18.46 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

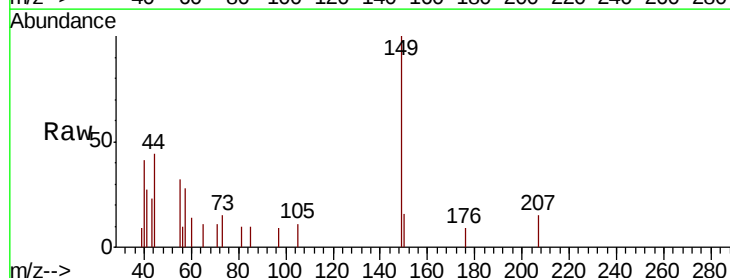
Tgt Ion:149 Resp: 1863

Ion Ratio Lower Upper

149 100

150 15.9 7.7 11.5#

104 0.0 4.5 6.7#



Abundance Ion 149.00 (148.70 to 149.70): E

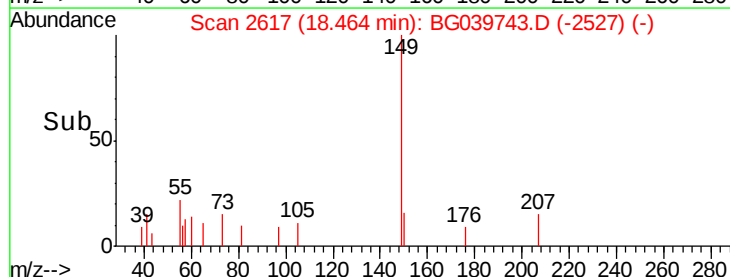
Ion 150.00 (149.70 to 150.70): E

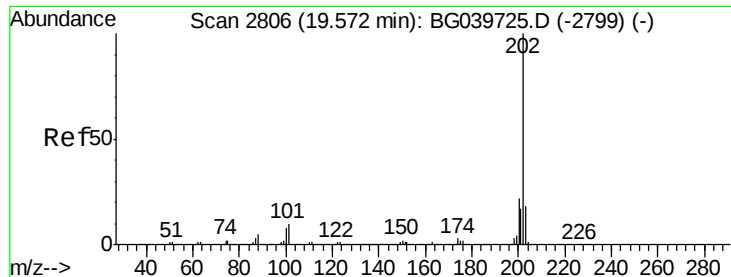
Ion 104.00 (103.70 to 104.70): E

18.46

18.45 18.50

Time-->





#75

Fluoranthene

Concen: 0.006 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

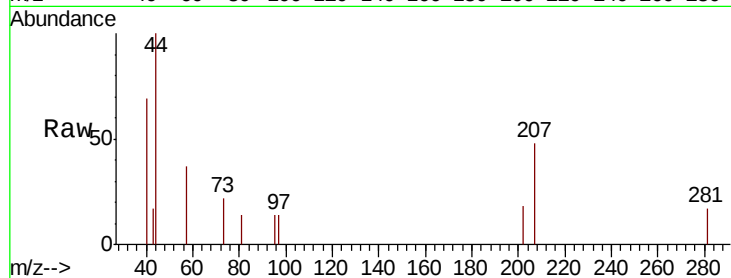
Tgt Ion:202 Resp: 125

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

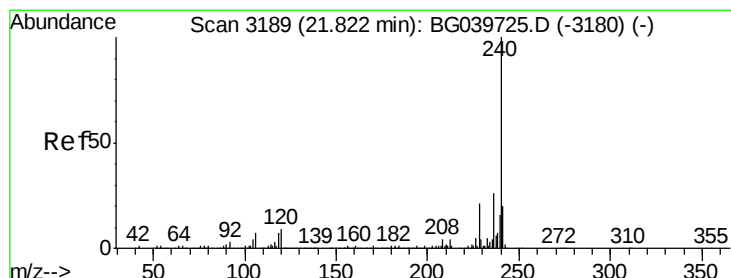
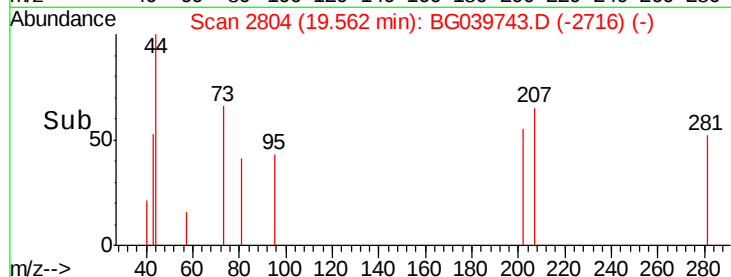
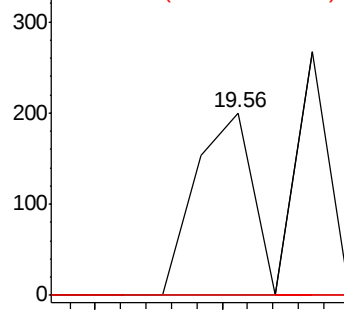
203 0.0 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

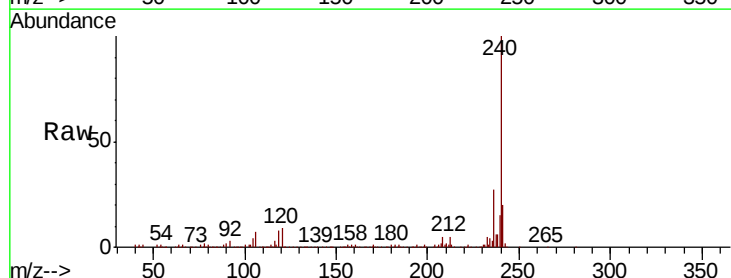
Tgt Ion:240 Resp: 330428

Ion Ratio Lower Upper

240 100

120 9.4 7.0 10.6

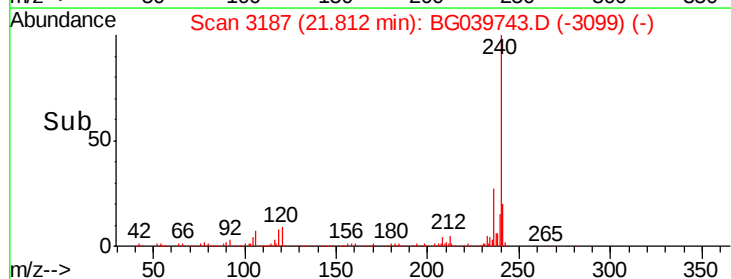
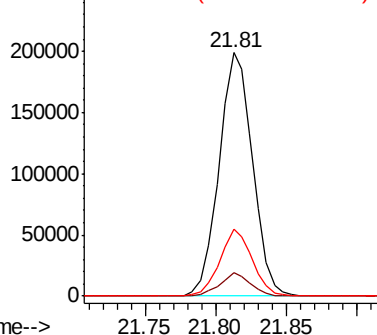
236 27.4 21.0 31.4

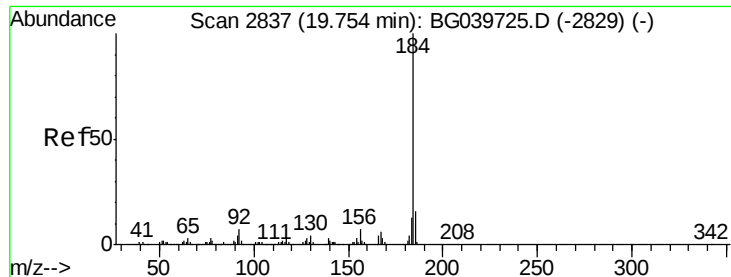


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.279 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.37 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

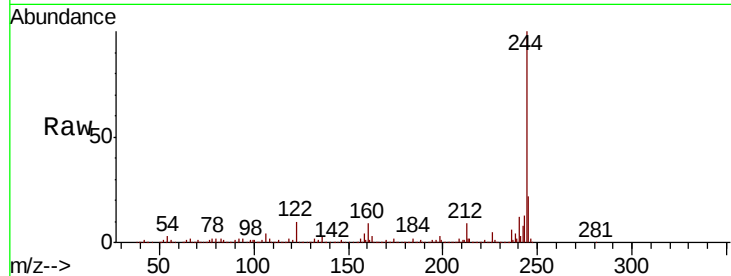
Tgt Ion:184 Resp: 23901

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

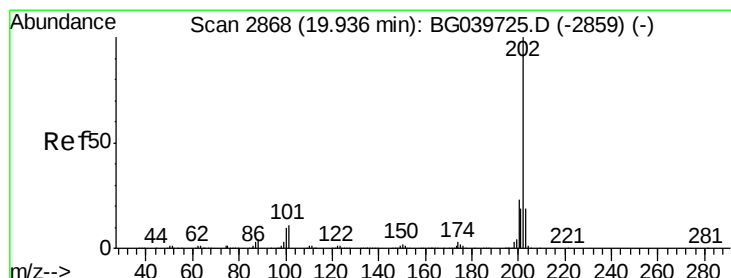
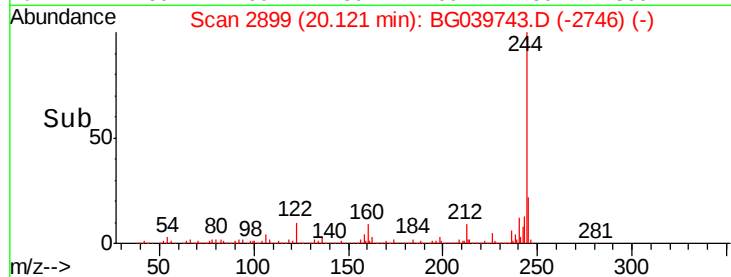
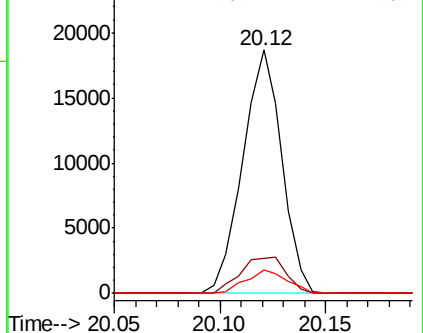
183 9.4 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.267 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.18 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

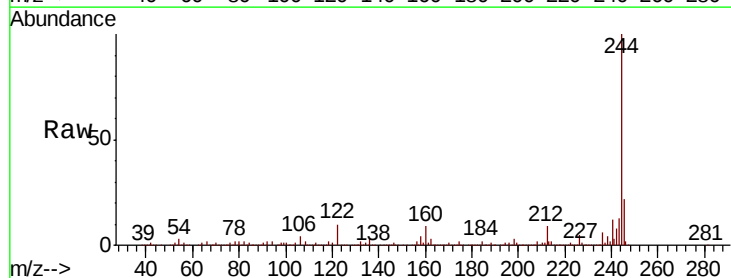
Tgt Ion:202 Resp: 5730

Ion Ratio Lower Upper

202 100

200 49.8 17.8 26.8#

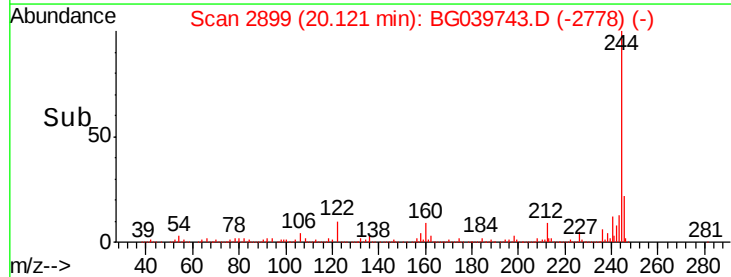
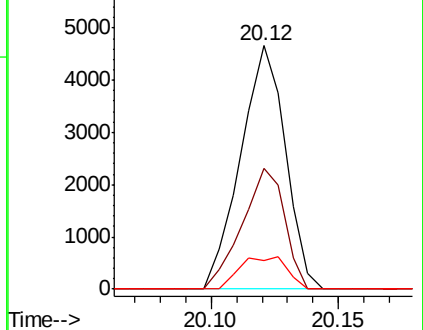
203 11.6 15.3 22.9#

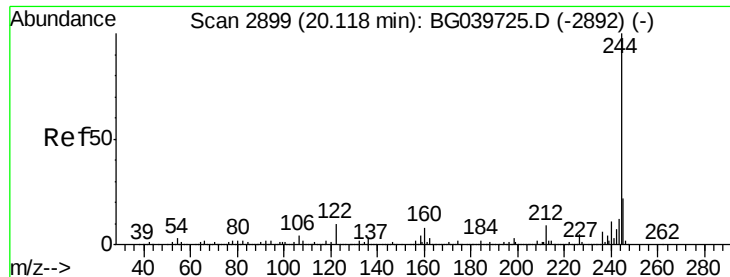


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.857 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

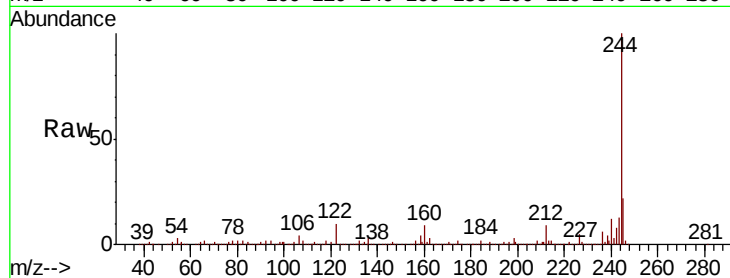
Tgt Ion:244 Resp: 1363508

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

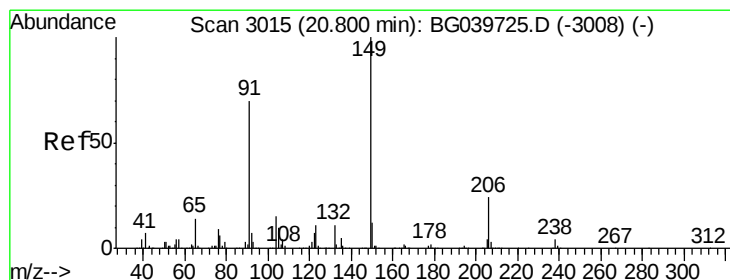
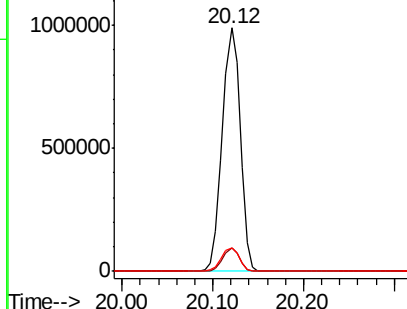
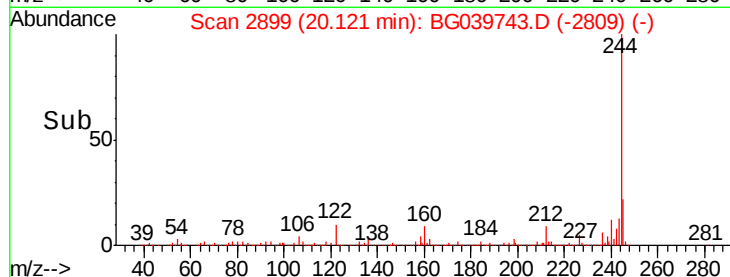
122 9.9 8.4 12.6



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: 0.008 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

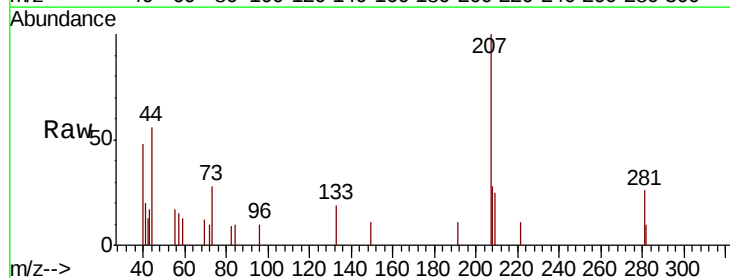
Tgt Ion:149 Resp: 67

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

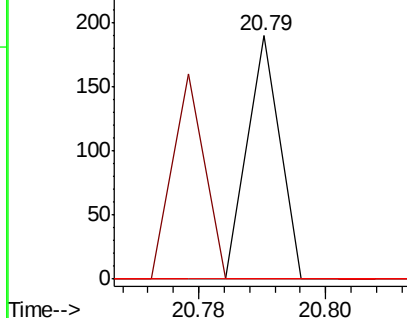
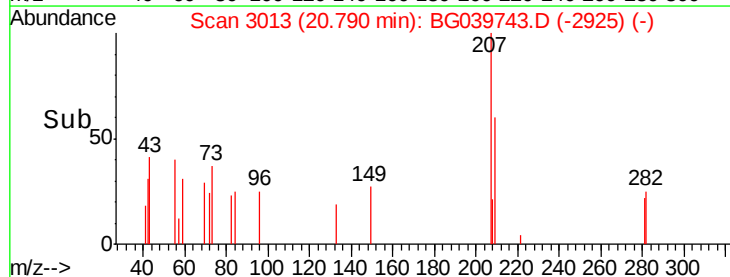
206 0.0 18.6 27.8#

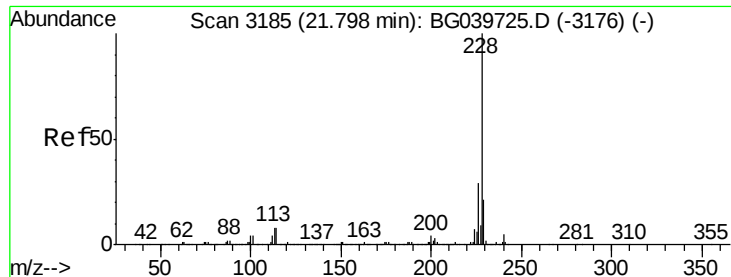


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.045 ng

RT: 21.82 min Scan# 3189

Delta R.T. 0.02 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

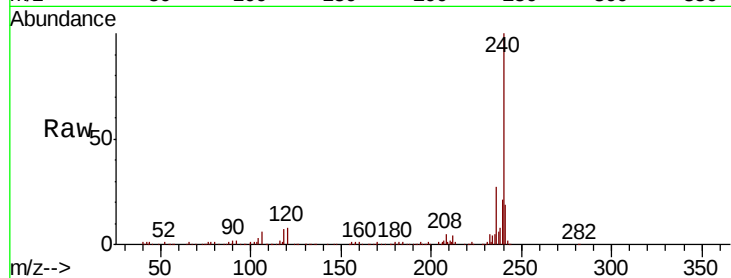
Tgt Ion:228 Resp: 933

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

229 34.4 16.9 25.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.82

600

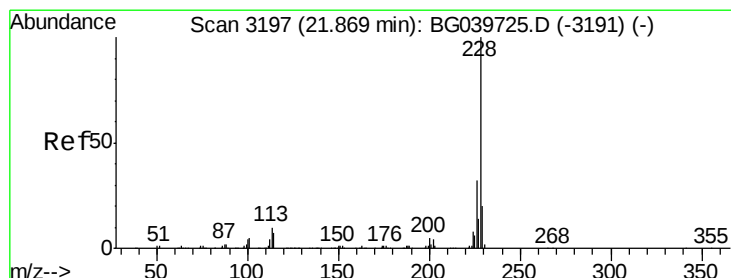
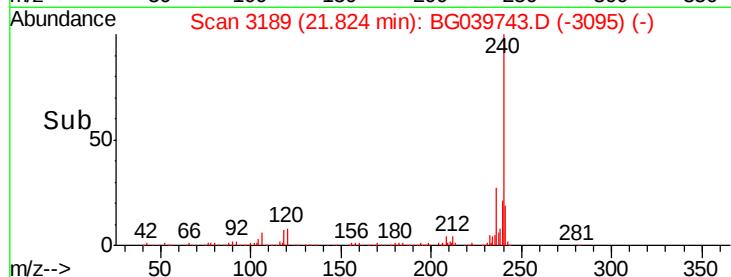
400

200

0

21.80 21.85

Time-->



#83

Chrysene

Concen: 0.046 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.05 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

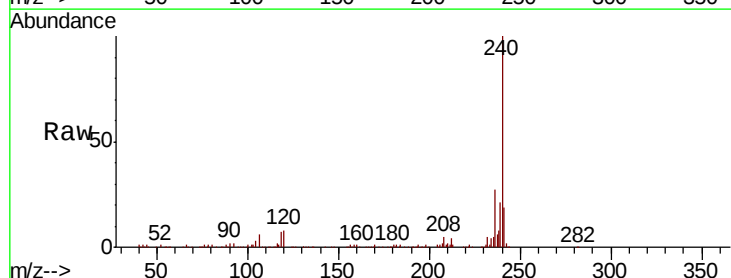
Tgt Ion:228 Resp: 933

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

229 34.4 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

21.82

600

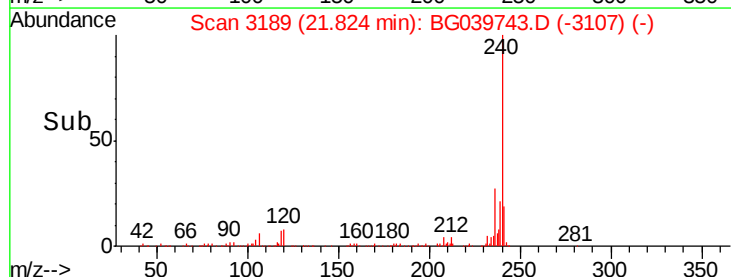
400

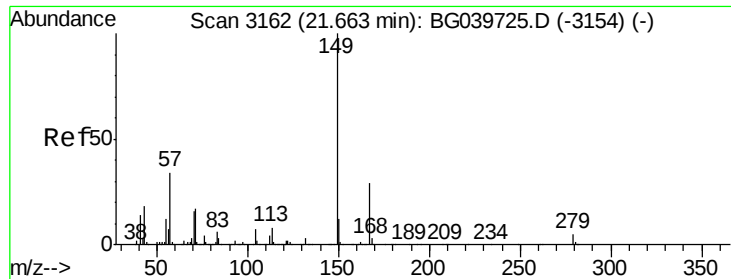
200

0

21.80 21.85

Time-->

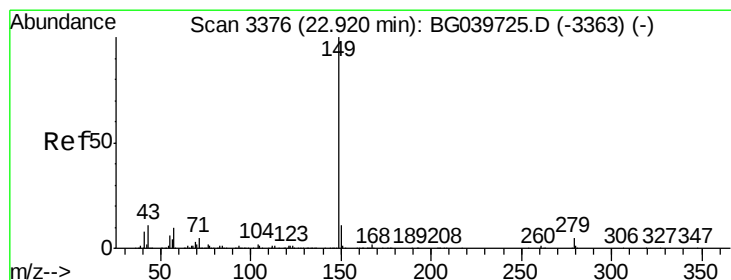
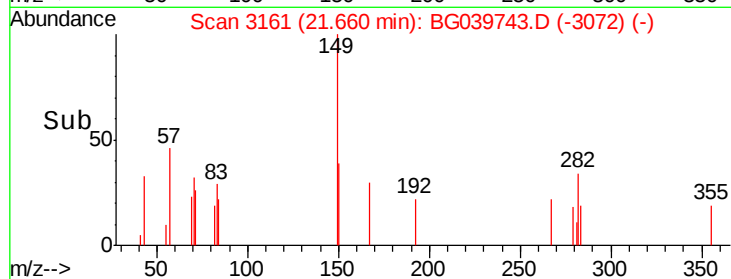
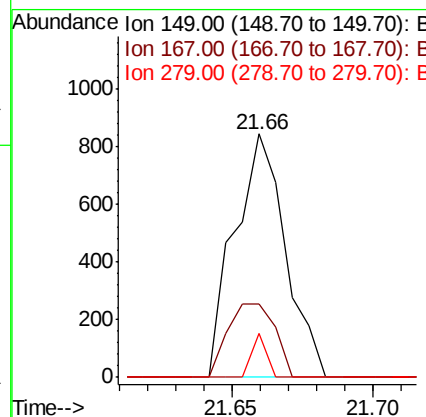
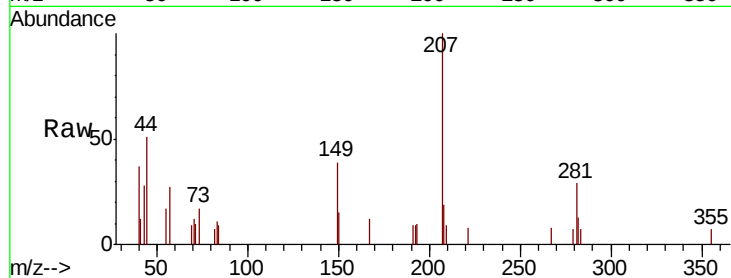




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG039743.D
 Acq: 4 Mar 2019 22:45

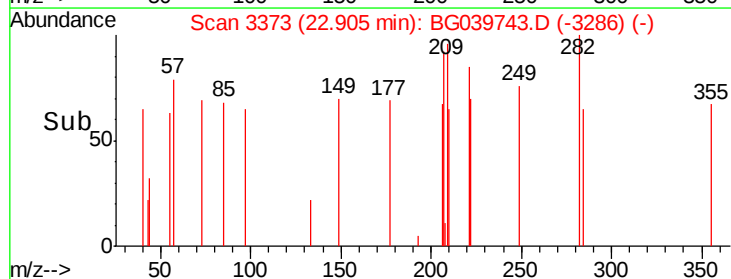
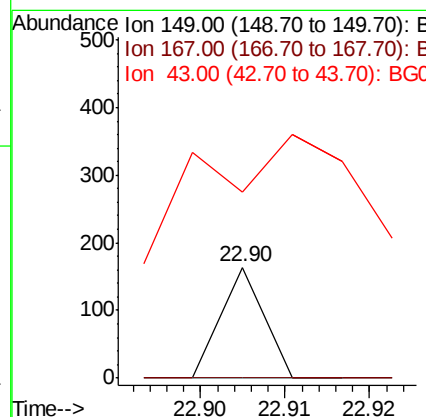
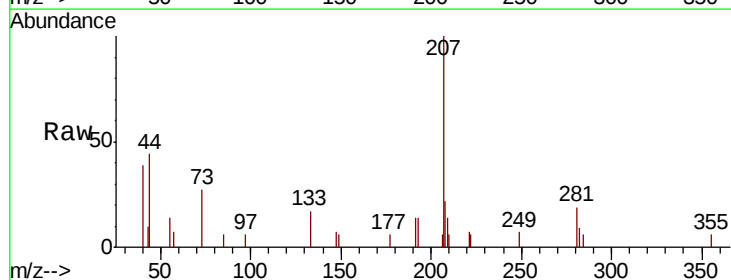
Instrument :
 BNA_G
 ClientSampleId :
 SB-B-5-8

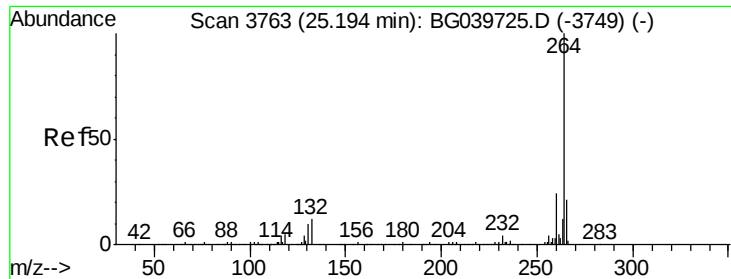
Tgt Ion:149 Resp: 1054
 Ion Ratio Lower Upper
 149 100
 167 30.4 22.6 34.0
 279 18.0 3.5 5.3#



#85
 Di-n-octyl phthalate
 Concen: 0.003 ng
 RT: 22.90 min Scan# 3373
 Delta R.T. -0.02 min
 Lab File: BG039743.D
 Acq: 4 Mar 2019 22:45

Tgt Ion:149 Resp: 58
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 410.3 10.2 15.4#

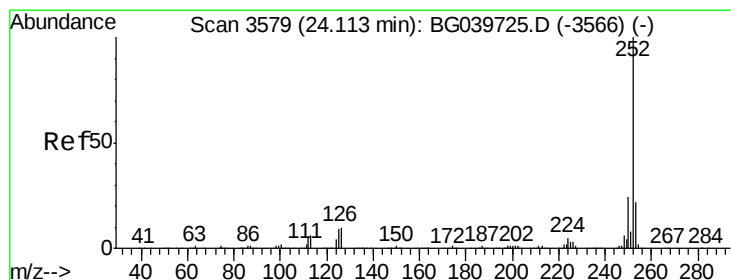
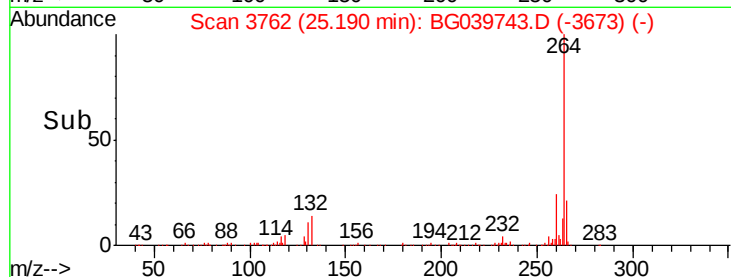
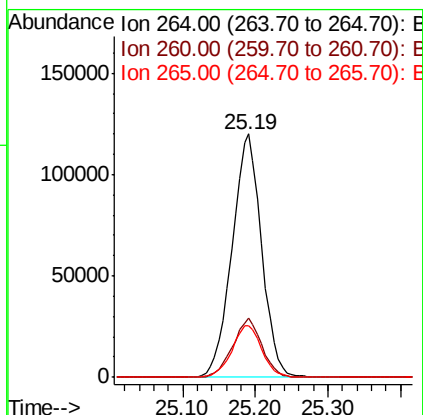
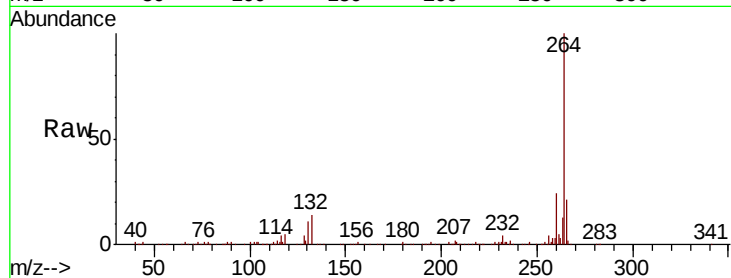




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039743.D
Acq: 4 Mar 2019 22:45

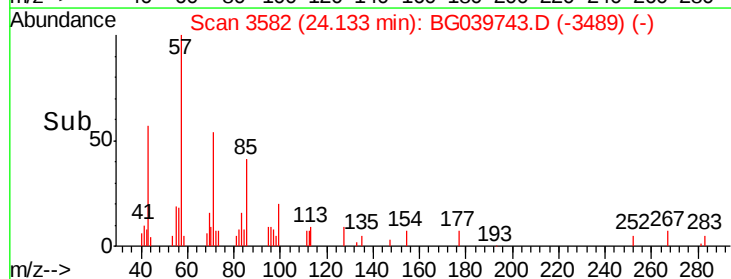
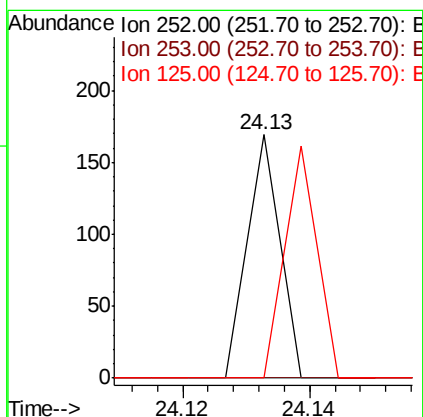
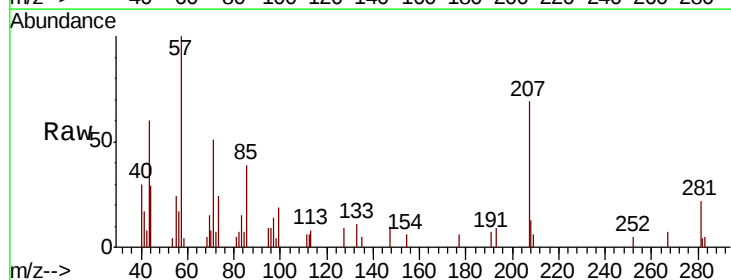
Instrument :
BNA_G
ClientSampleId :
SB-B-5-8

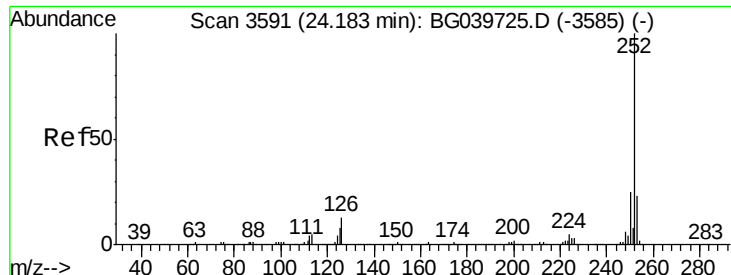
Tgt Ion:264 Resp: 338138
Ion Ratio Lower Upper
264 100
260 24.2 18.2 27.4
265 21.3 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 24.13 min Scan# 3582
Delta R.T. 0.01 min
Lab File: BG039743.D
Acq: 4 Mar 2019 22:45

Tgt Ion:252 Resp: 60
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 7.8 11.6#





#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 24.13 min Scan# 3582

Delta R.T. -0.06 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA_G

ClientSampleId :

SB-B-5-8

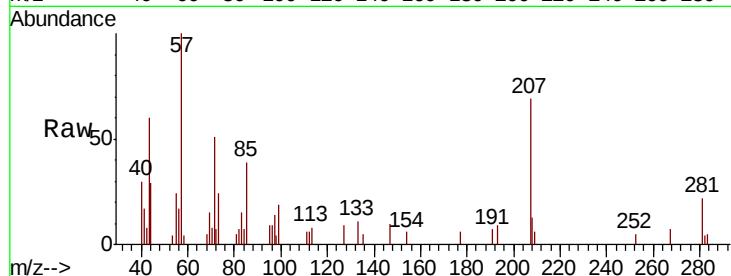
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

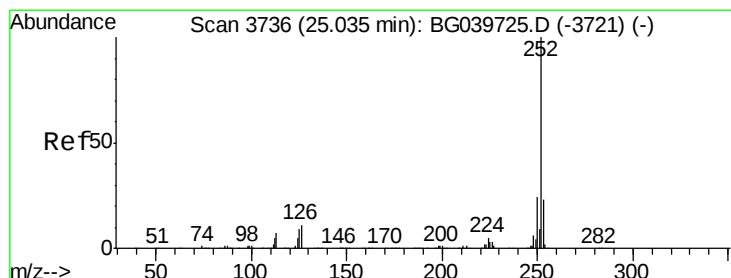
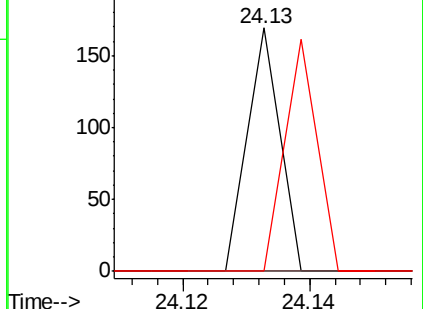
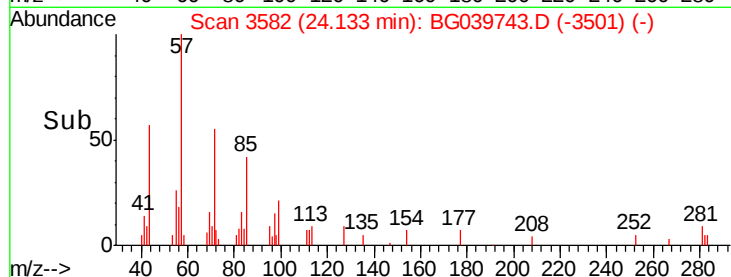
125 0.0 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 0.008 ng

RT: 25.15 min Scan# 3756

Delta R.T. 0.11 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

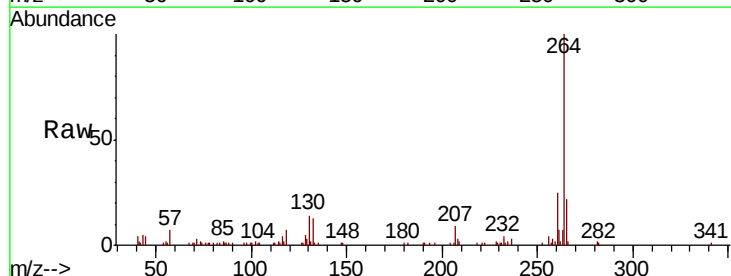
Tgt Ion:252 Resp: 148

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

