

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039739.D
 Acq On : 4 Mar 2019 20:08
 Operator : JU/SJ
 Sample : K1714-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-B-14-18

Quant Time: Mar 05 06:26:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40933	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	176371	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	125294	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	318743	20.00	ng	0.00
76) Chrysene-d12	21.81	240	346851	20.00	ng	-0.01
87) Perylene-d12	25.19	264	347228	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	383633	159.89	ng	0.00
7) Phenol-d6	7.31	99	562695	157.28	ng	0.00
23) Nitrobenzene-d5	9.33	82	326481	100.12	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	229276	157.00	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	784399	89.14	ng	-0.01
79) Terphenyl-d14	20.12	244	1312009	83.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	59	0.053	ng	# 1
4) n-Nitrosodimethylamine	3.92	42	109	0.077	ng	# 1
6) Aniline	7.32	93	68	0.015	ng	# 1
8) 2-Chlorophenol	7.70	128	66	0.023	ng	# 1
9) Benzaldehyde	7.31	77	1028	0.445	ng	# 4
10) Phenol	7.33	94	8759	2.260	ng	# 84
11) bis(2-Chloroethyl)ether	7.69	93	577	0.191	ng	# 1
15) Benzyl Alcohol	8.48	79	5007	1.764	ng	# 57
16) 2,2'-oxybis(1-Chloropropan	8.63	45	53	0.009	ng	# 75
19) n-Nitroso-di-n-propylamine	9.33	70	42446	16.484	ng	# 65
22) Acetophenone	8.99	105	59	0.012	ng	# 44
24) Nitrobenzene	9.34	77	1028	0.300	ng	# 33
46) 1,1'-Biphenyl	13.61	154	1059	0.103	ng	# 74
48) 2-Nitroaniline	14.22	65	682	0.274	ng	# 1
50) Dimethylphthalate	14.23	163	61092	5.831	ng	# 98
51) 2,6-Dinitrotoluene	14.22	165	585	0.263	ng	# 26
52) Acenaphthene	14.79	154	436	0.057	ng	# 28
57) 2,4-Dinitrotoluene	14.78	165	15609	5.002	ng	# 19
58) Fluorene	16.26	166	9979	1.010	ng	# 92
59) 2,3,4,6-Tetrachlorophenol	15.38	232	70	0.026	ng	# 39
60) Diethylphthalate	15.57	149	403	0.039	ng	# 58
61) 4-Chlorophenyl-phenylether	16.04	204	65	0.012	ng	# 27
63) Azobenzene	16.27	77	1327	0.141	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.27	198	905	0.480	ng	# 8
66) n-Nitrosodiphenylamine	16.26	169	9634	1.044	ng	# 46
67) 4-Bromophenyl-phenylether	16.27	248	18359	5.146	ng	# 1
71) Phenanthrene	17.57	178	167	0.010	ng	# 59
72) Anthracene	17.57	178	167	0.010	ng	# 60
74) Di-n-butylphthalate	18.46	149	2344	0.129	ng	# 77
77) Benzidine	20.12	184	23414	2.127	ng	# 89
78) Pyrene	20.12	202	5598	0.248	ng	# 72
80) Butylbenzylphthalate	20.82	149	53	0.006	ng	# 22
81) Benzo(a)anthracene	21.81	228	1010	0.046	ng	# 56
82) 3,3'-Dichlorobenzidine	21.71	252	58	0.007	ng	# 26

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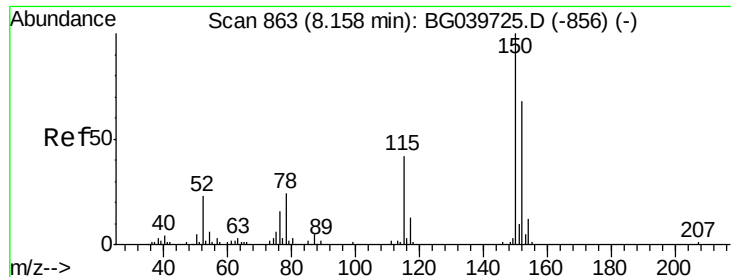
Quant Time: Mar 05 06:26:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	21.81	228	1010	0.048	ng	# 53
84) Bis(2-ethylhexyl)phthalate	21.66	149	1213	0.099	ng	# 90
85) Di-n-octyl phthalate	22.96	149	132	0.006	ng	# 1
88) Benzo(b)fluoranthene	24.03	252	62	0.003	ng	# 60
89) Benzo(k)fluoranthene	24.03	252	62	0.003	ng	# 59
90) Benzo(a)pyrene	25.19	252	1593	0.083	ng	# 86
92) Benzo(g,h,i)perylene	30.57	276	67	0.004	ng	# 54

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

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampled :

SB-B-14-18

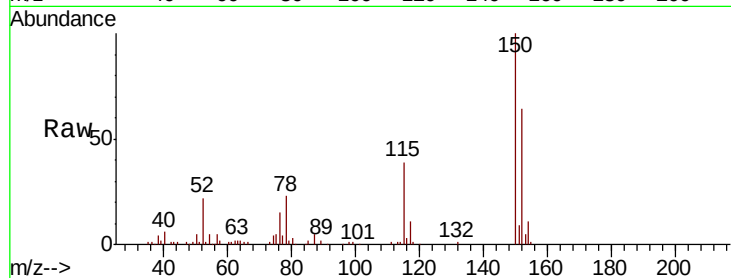
Tgt Ion:152 Resp: 40933

Ion Ratio Lower Upper

152 100

150 156.3 123.7 185.5

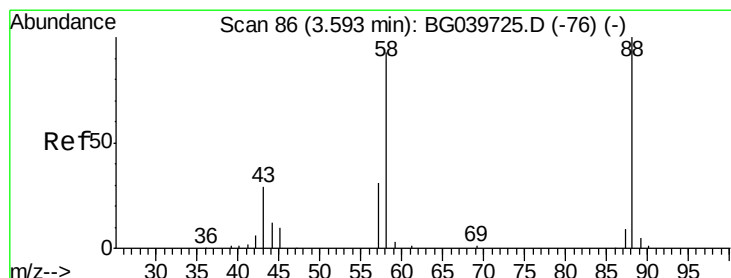
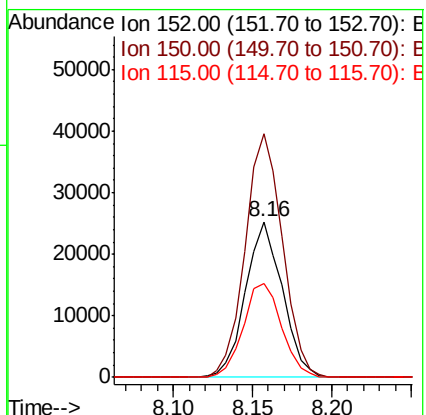
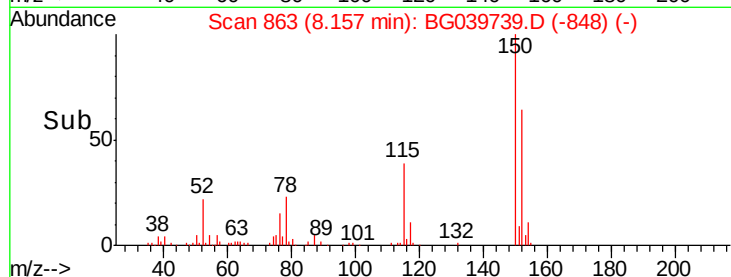
115 60.3 45.9 68.9



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



#2

1,4-Dioxane

Concen: 0.053 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

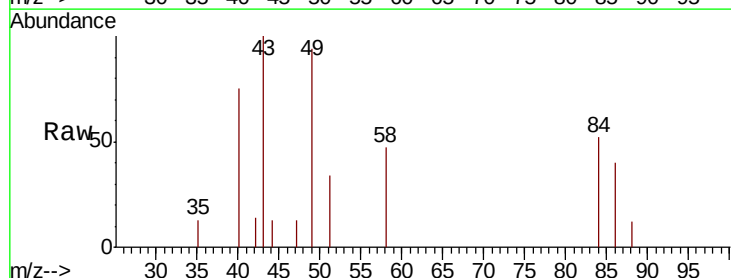
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

58 216.9 81.1 121.7#

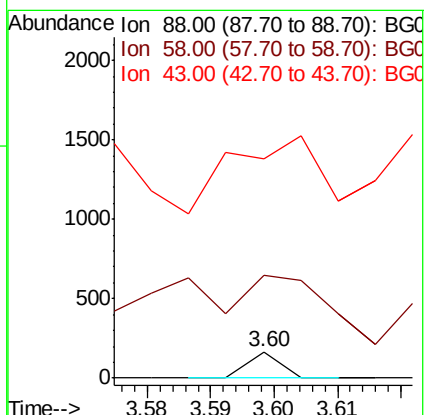
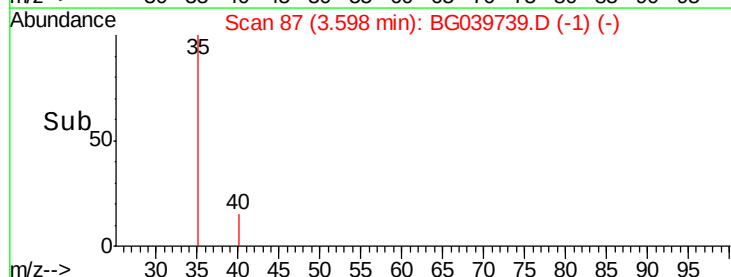
43 778.0 31.4 47.0#

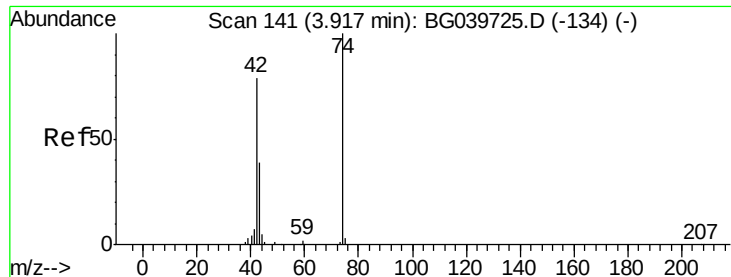


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



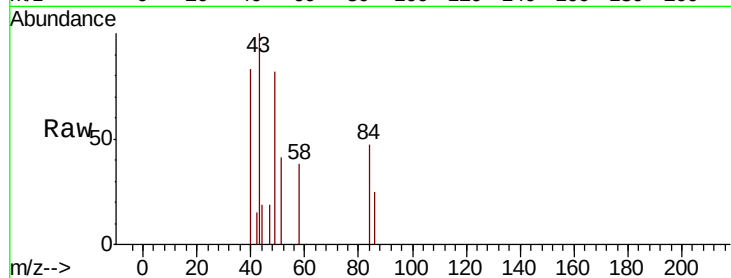


#4

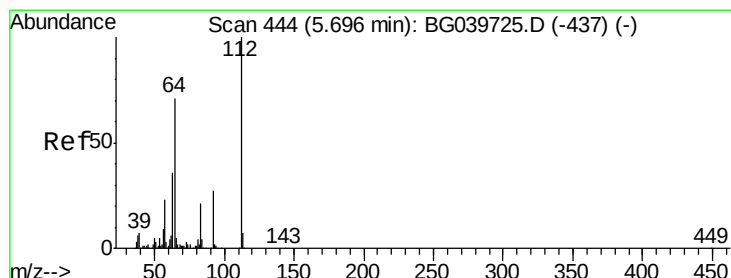
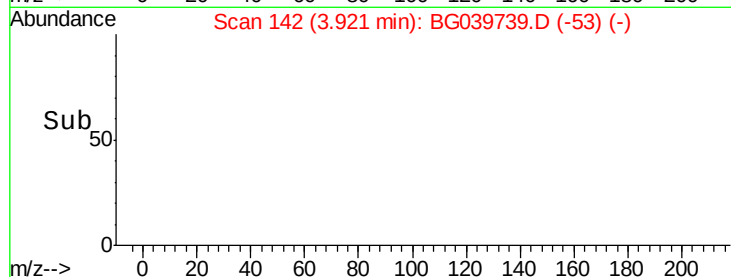
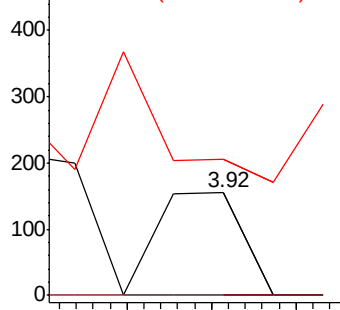
n-Nitrosodimethylamine
 Concen: 0.077 ng
 RT: 3.92 min Scan# 142
 Delta R.T. -0.01 min
 Lab File: BG039739.D
 Acq: 4 Mar 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 SB-B-14-18

Tgt Ion: 42 Resp: 109
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 132.3 6.9 10.3#



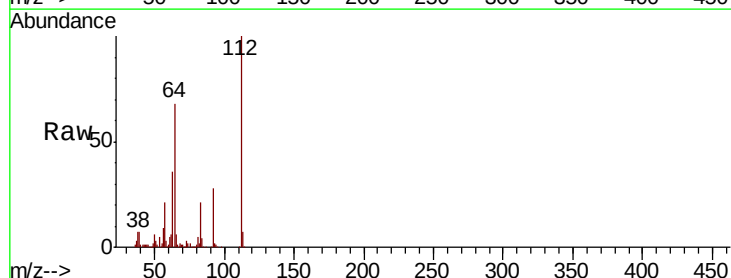
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



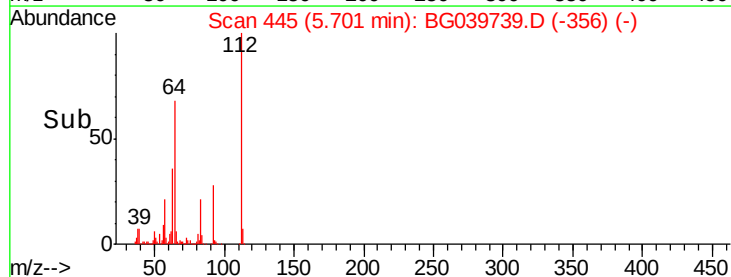
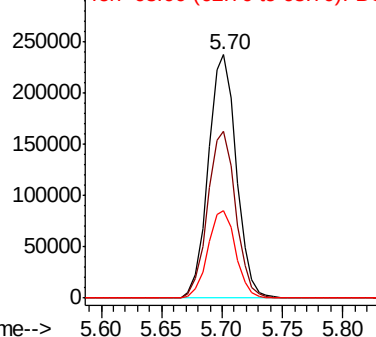
#5

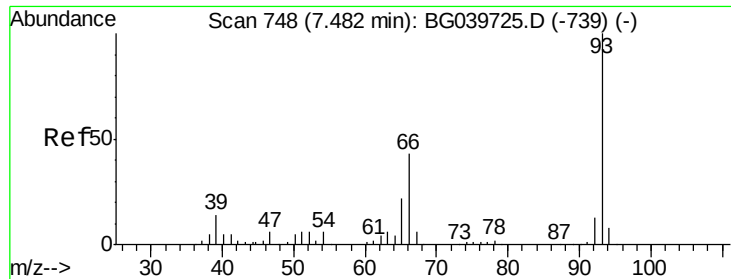
2-Fluorophenol
 Concen: 159.891 ng
 RT: 5.70 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: BG039739.D
 Acq: 4 Mar 2019 20:08

Tgt Ion: 112 Resp: 383633
 Ion Ratio Lower Upper
 112 100
 64 68.5 57.8 86.8
 63 35.7 29.8 44.6



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





#6

Aniline

Concen: 0.015 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.18 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

SB-B-14-18

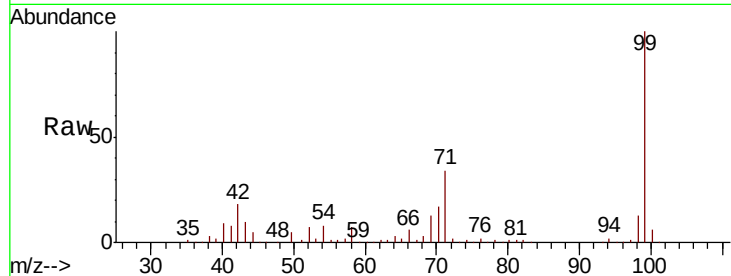
Tgt Ion: 93 Resp: 68

Ion Ratio Lower Upper

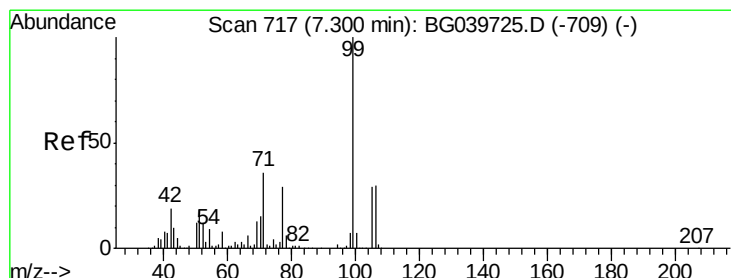
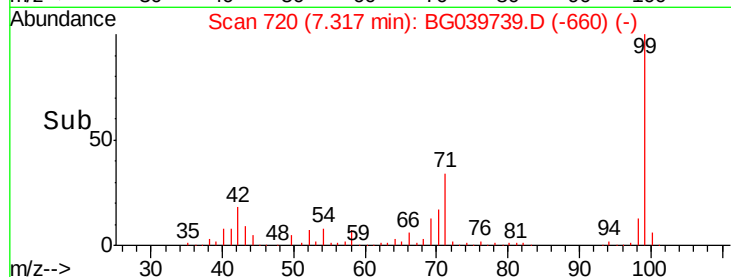
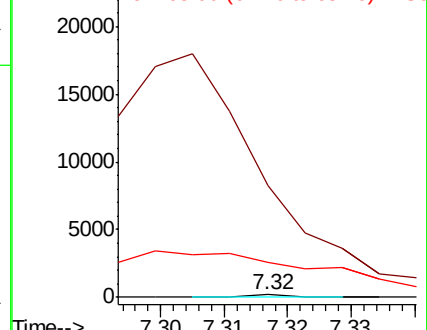
93 100

66 4286.5 34.2 51.4#

65 1322.8 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: 157.285 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

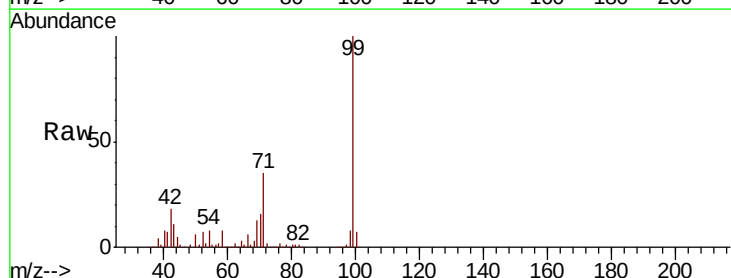
Tgt Ion: 99 Resp: 562695

Ion Ratio Lower Upper

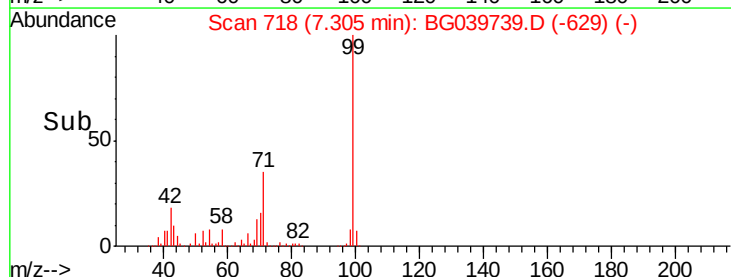
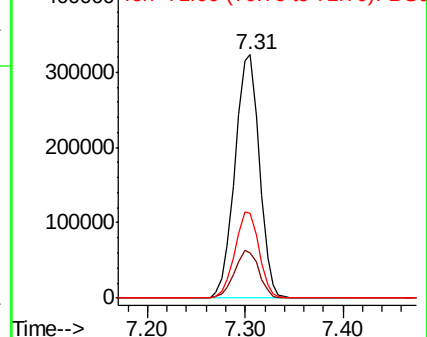
99 100

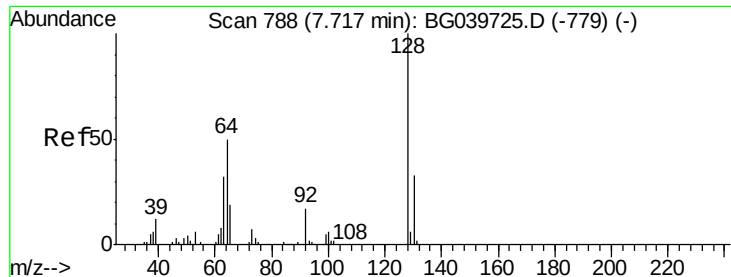
42 18.4 18.2 27.2

71 34.9 28.0 42.0



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





#8

2-Chlorophenol

Concen: 0.023 ng

RT: 7.70 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

SB-B-14-18

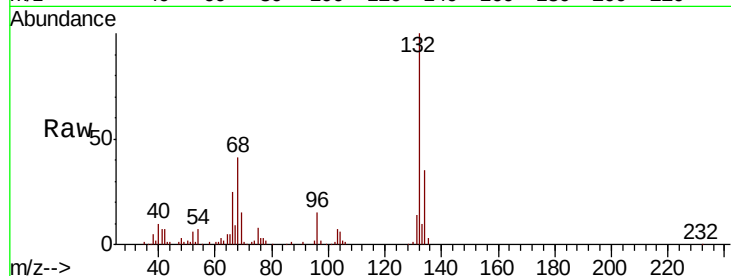
Tgt Ion:128 Resp: 66

Ion Ratio Lower Upper

128 100

130 140.1 12.9 52.9#

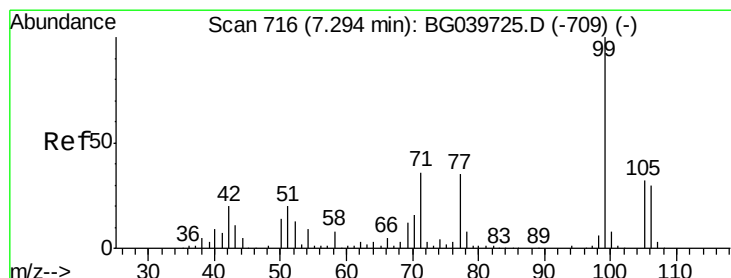
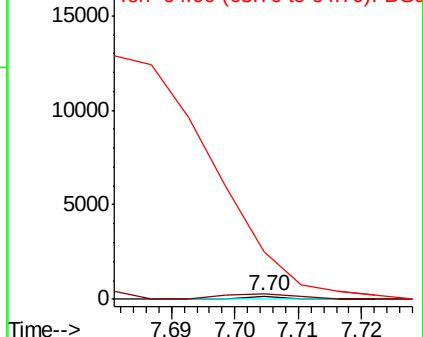
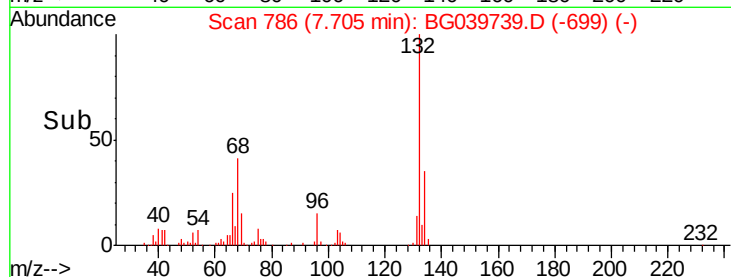
64 1337.4 38.7 78.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 0.445 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

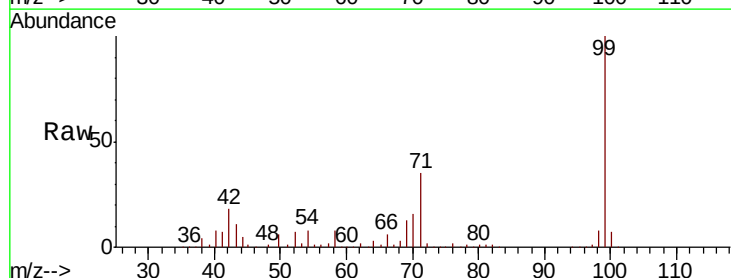
Tgt Ion: 77 Resp: 1028

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

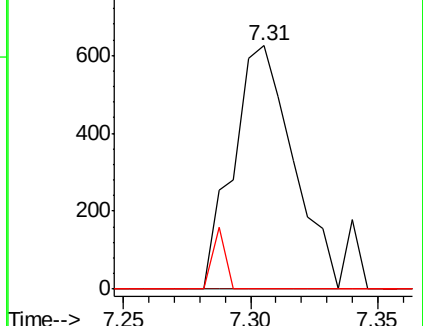
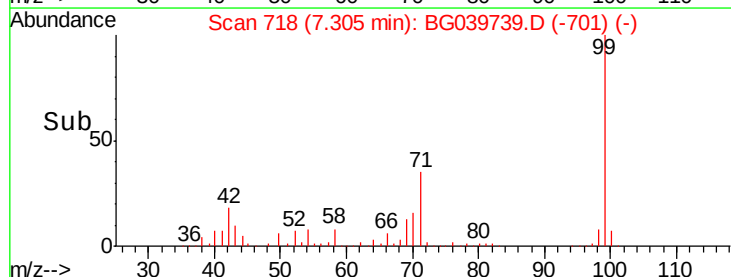
106 0.0 68.0 108.0#

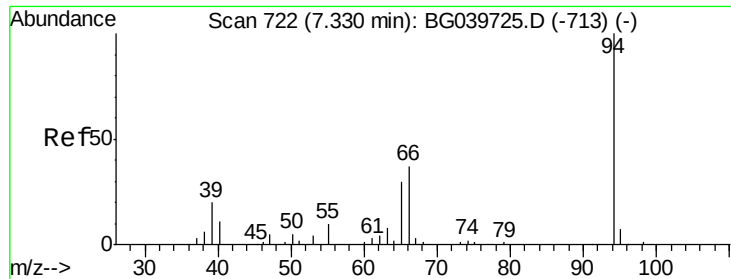


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

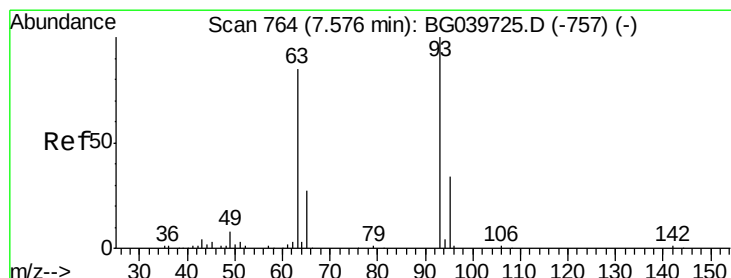
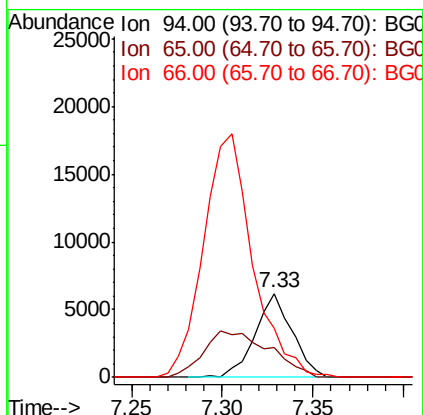
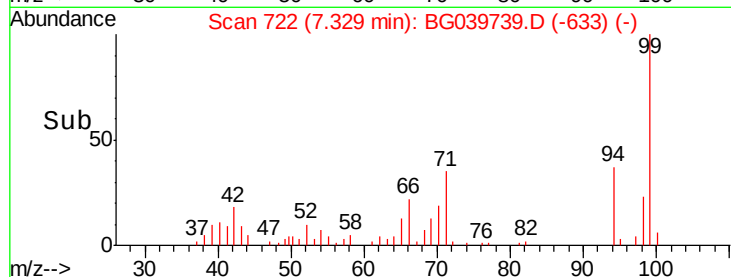
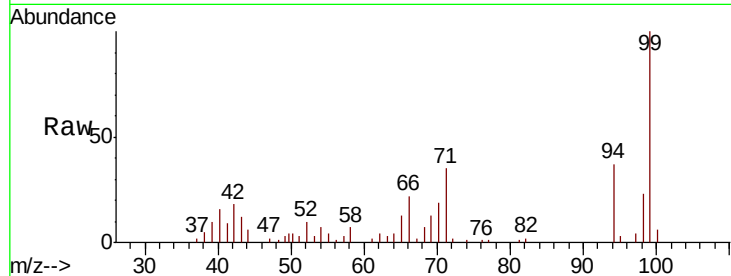




#10
Phenol
Concen: 2.260 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

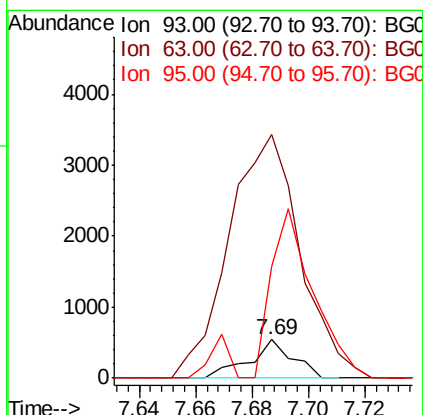
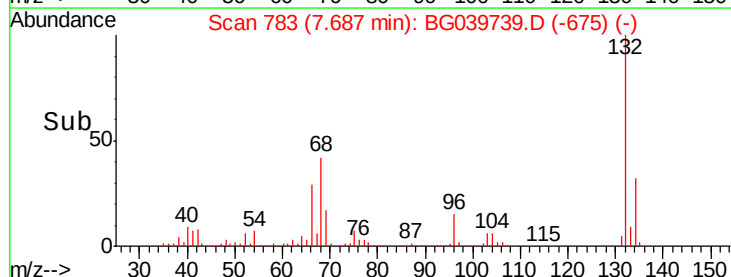
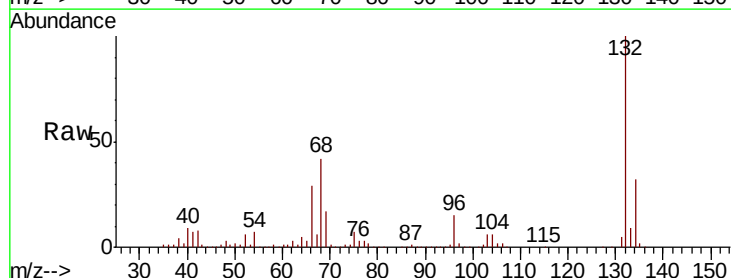
Instrument :
BNA_G
ClientSampleId :
SB-B-14-18

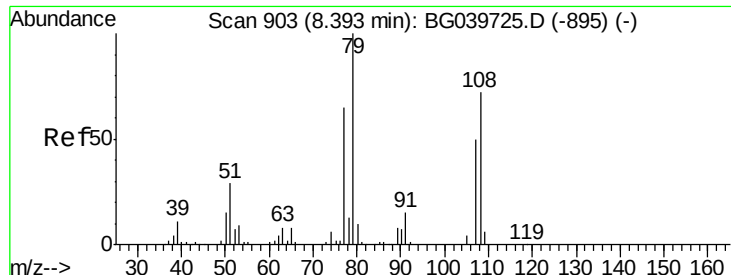
Tgt Ion: 94 Resp: 8759
Ion Ratio Lower Upper
94 100
65 35.7 11.7 51.7
66 58.5 23.7 63.7



#11
bis(2-Chloroethyl)ether
Concen: 0.191 ng
RT: 7.69 min Scan# 783
Delta R.T. 0.10 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Tgt Ion: 93 Resp: 577
Ion Ratio Lower Upper
93 100
63 635.2 69.5 109.5#
95 290.4 12.7 52.7#





#15

Benzyl Alcohol

Concen: 1.764 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.07 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

SB-B-14-18

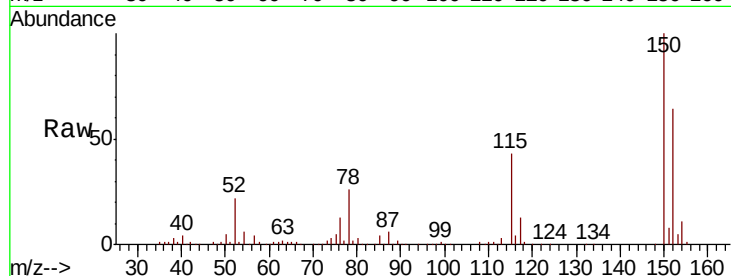
Tgt Ion: 79 Resp: 5007

Ion Ratio Lower Upper

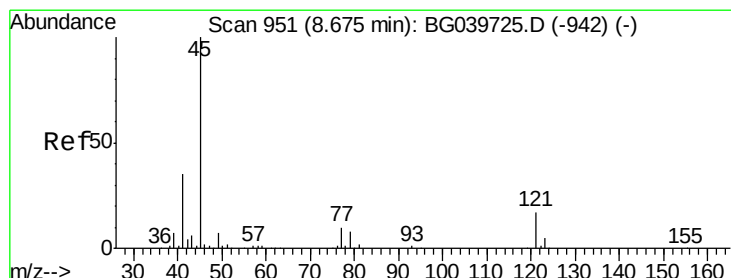
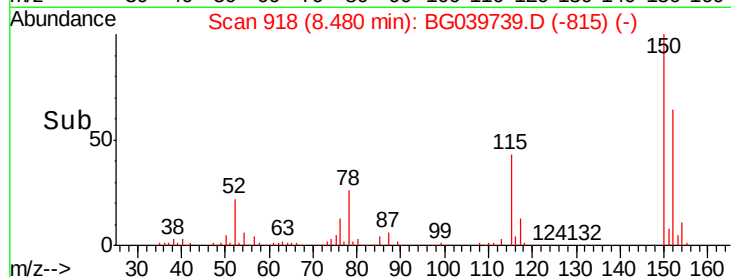
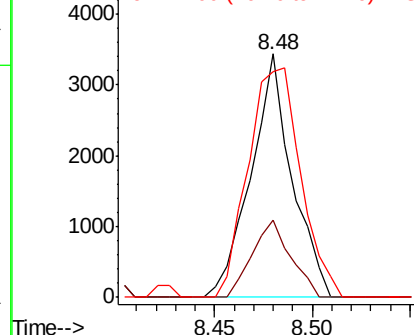
79 100

108 31.5 57.8 86.6#

77 92.8 51.1 76.7#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.009 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.05 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

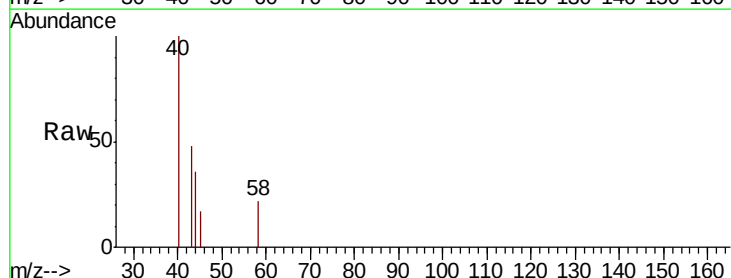
Tgt Ion: 45 Resp: 53

Ion Ratio Lower Upper

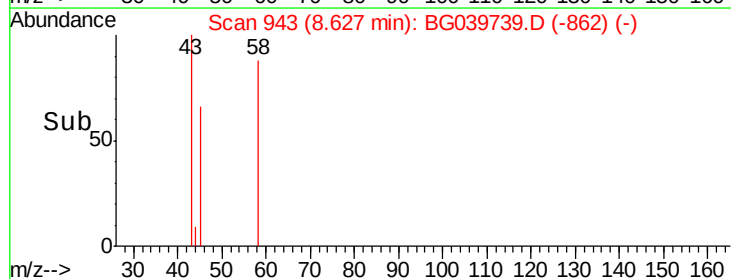
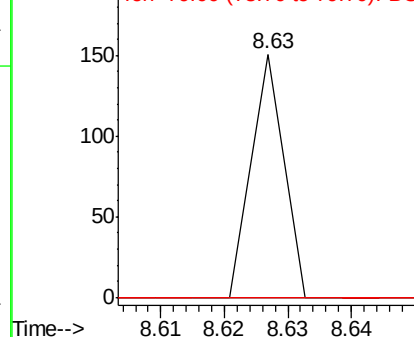
45 100

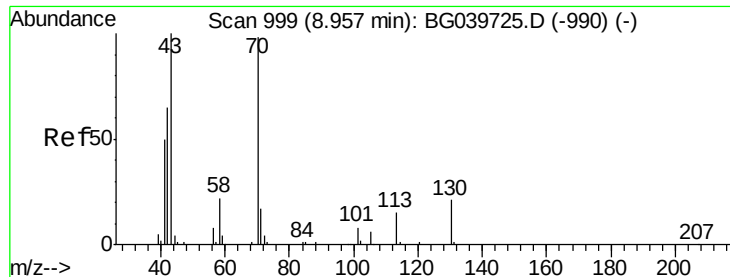
77 0.0 0.0 30.0

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

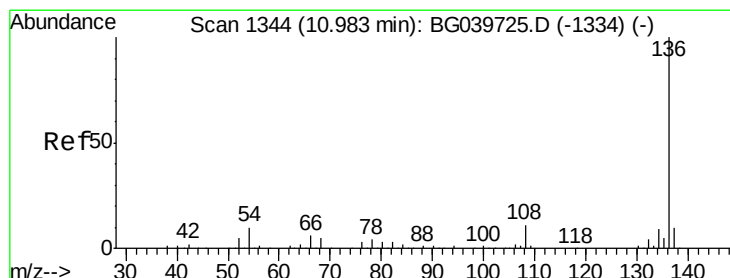
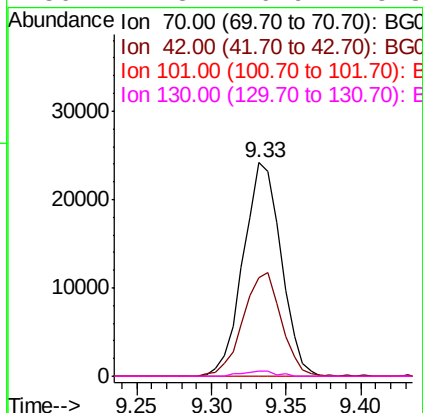
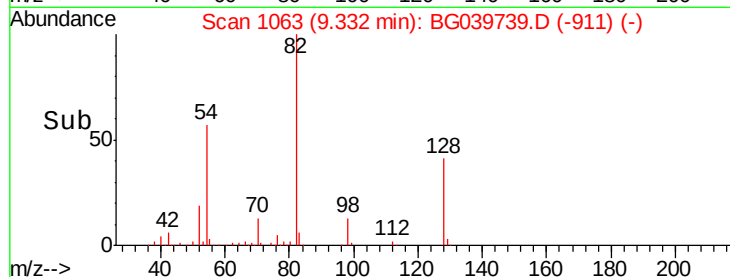
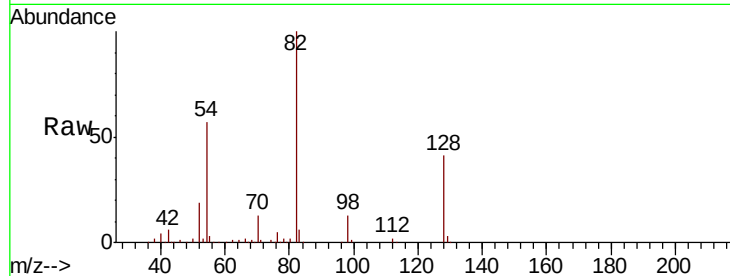




#19
n-Nitroso-di-n-propylamine
Concen: 16.484 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

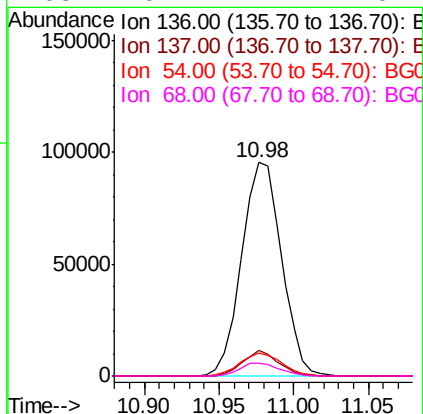
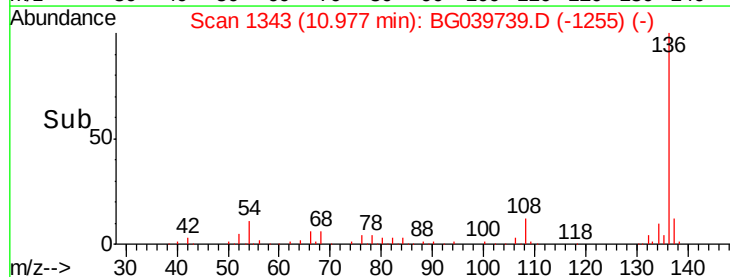
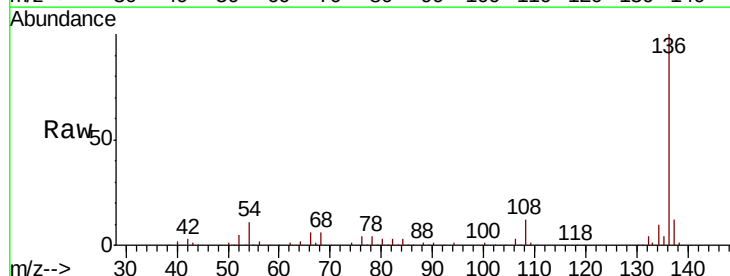
Instrument :
BNA_G
ClientSampleId :
SB-B-14-18

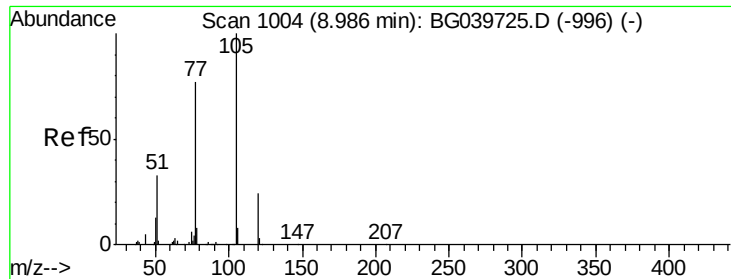
Tgt Ion: 70 Resp: 42446
Ion Ratio Lower Upper
70 100
42 46.1 60.4 90.6#
101 0.0 7.5 11.3#
130 2.3 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Tgt Ion: 136 Resp: 176371
Ion Ratio Lower Upper
136 100
137 11.9 9.1 13.7
54 10.9 9.4 14.2
68 6.2 4.2 6.4

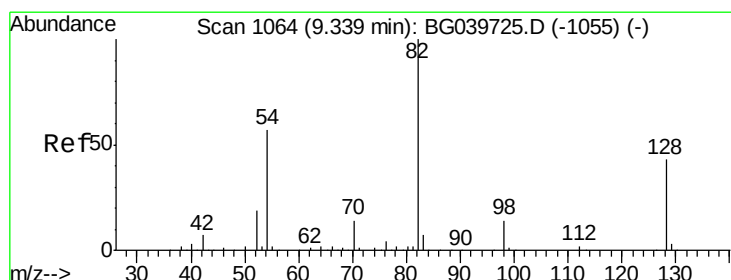
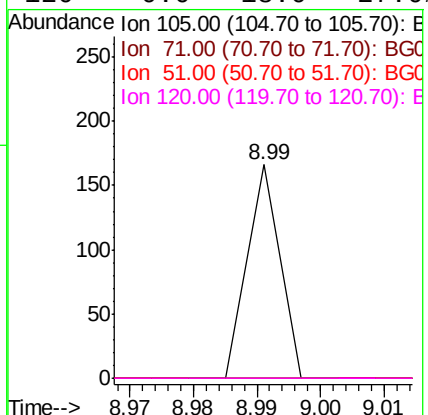
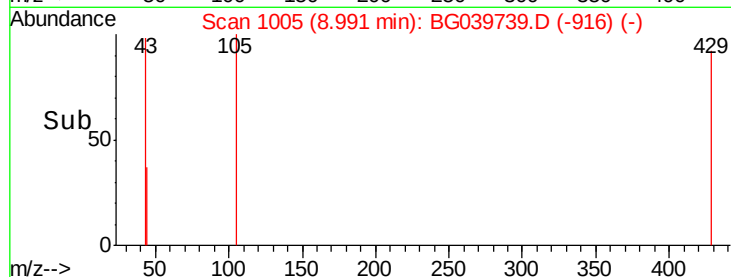
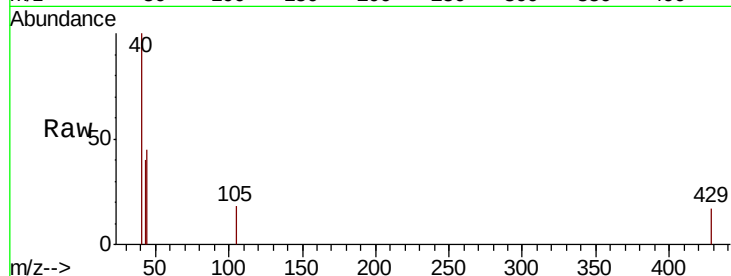




#22
Acetophenone
Concen: 0.012 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

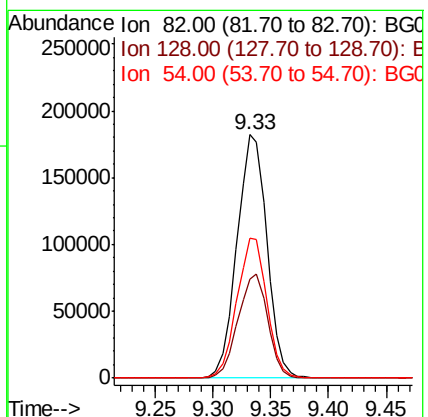
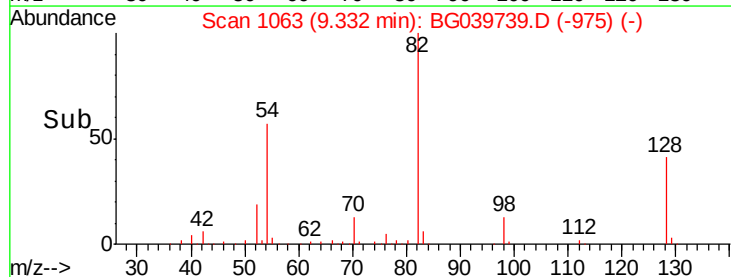
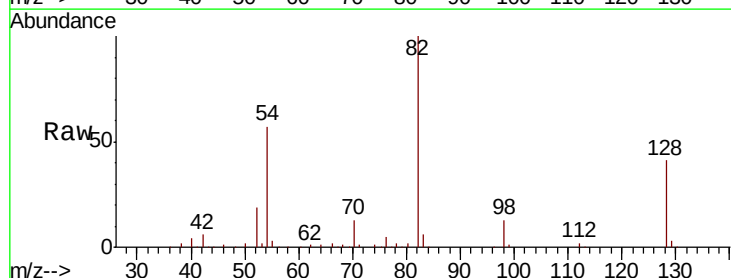
Instrument :
BNA_G
ClientSampleId :
SB-B-14-18

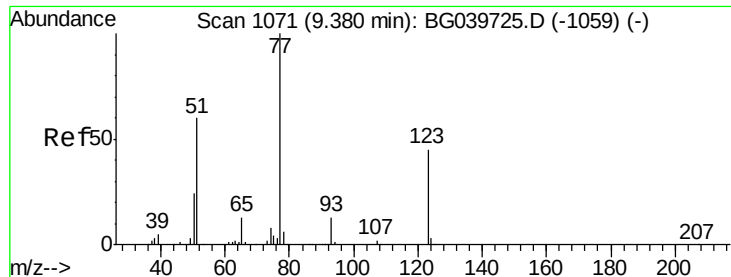
Tgt Ion: 105 Resp: 59
Ion Ratio Lower Upper
105 100
71 0.0 0.8 1.2#
51 0.0 30.2 45.2#
120 0.0 18.0 27.0#



#23
Nitrobenzene-d5
Concen: 100.115 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Tgt Ion: 82 Resp: 326481
Ion Ratio Lower Upper
82 100
128 40.5 31.3 46.9
54 57.2 50.9 76.3

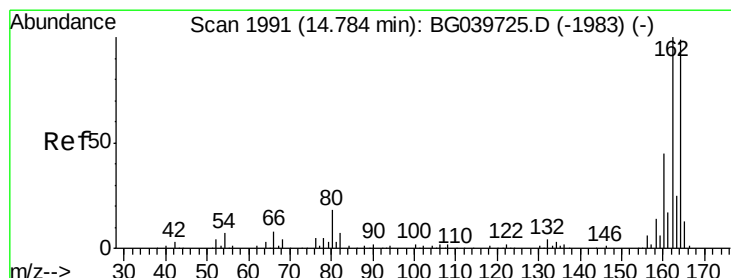
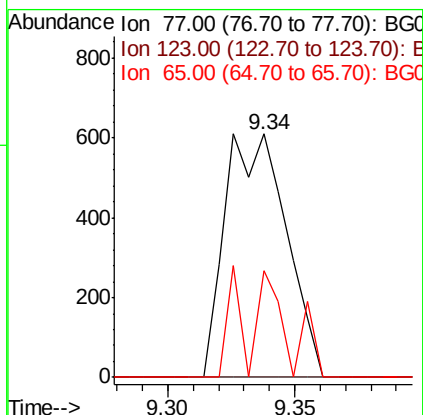
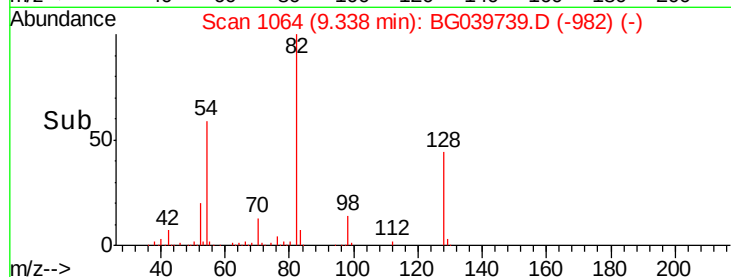
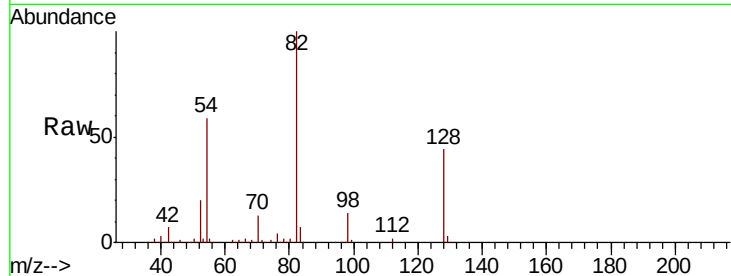




#24
Nitrobenzene
Concen: 0.300 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.05 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

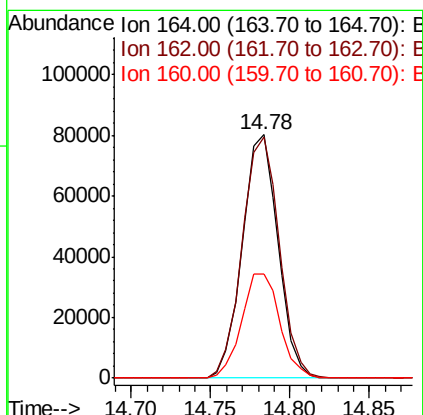
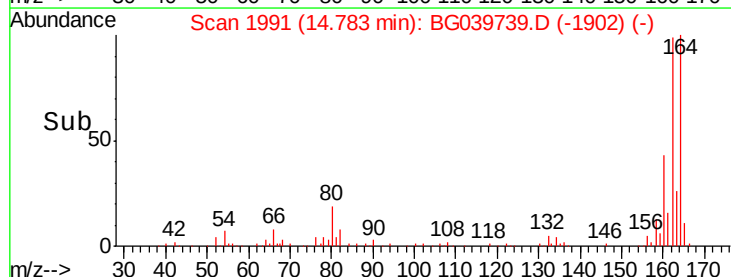
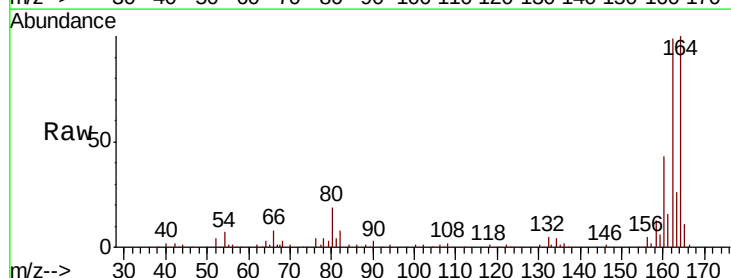
Instrument :
BNA_G
ClientSampleId :
SB-B-14-18

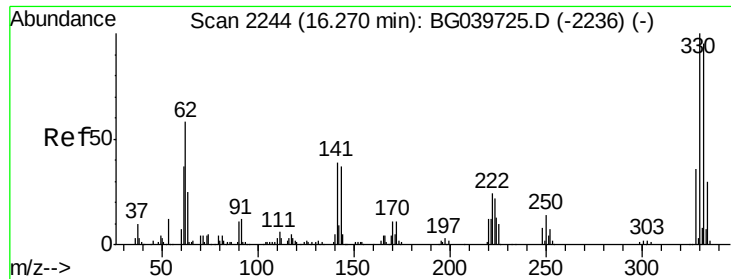
Tgt Ion: 77 Resp: 1028
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 43.9 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Tgt Ion: 164 Resp: 125294
Ion Ratio Lower Upper
164 100
162 99.2 81.6 122.4
160 42.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 156.996 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampled :

SB-B-14-18

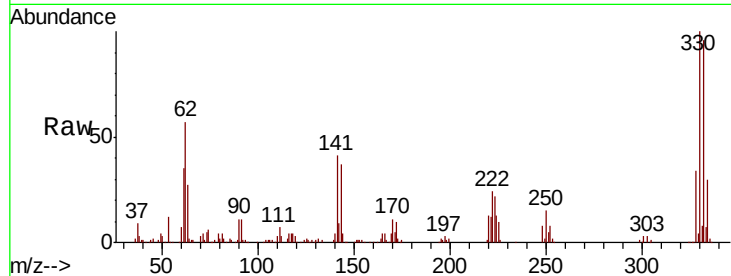
Tgt Ion:330 Resp: 229276

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

141 40.9 35.6 53.4

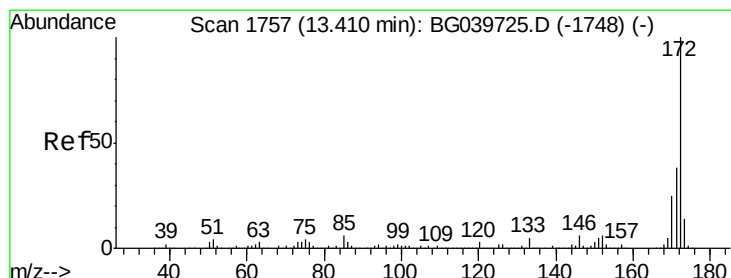
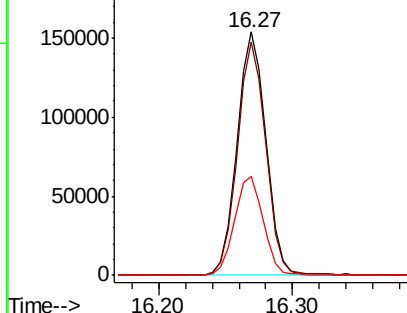
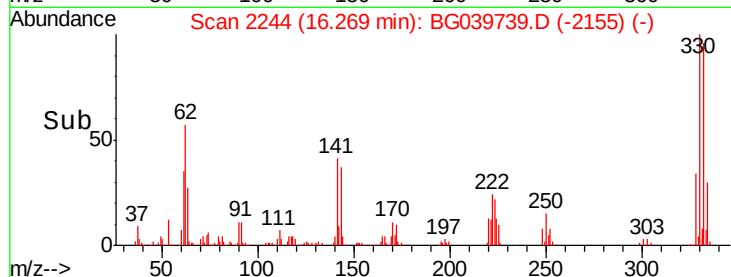


Abundance

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: 89.138 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

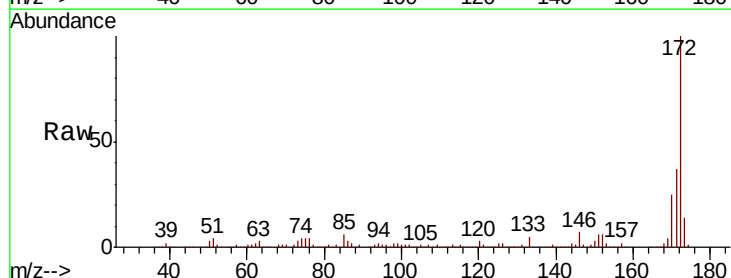
Tgt Ion:172 Resp: 784399

Ion Ratio Lower Upper

172 100

171 37.3 30.8 46.2

170 24.9 20.2 30.4

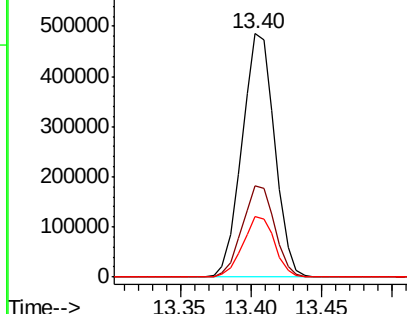
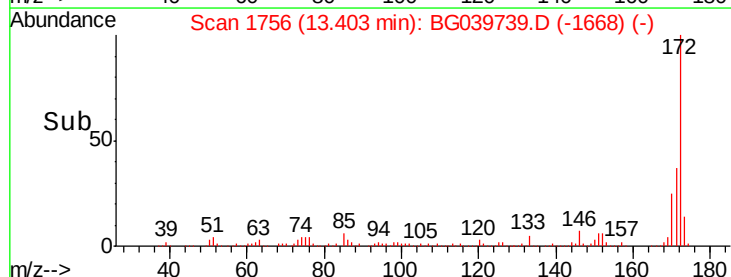


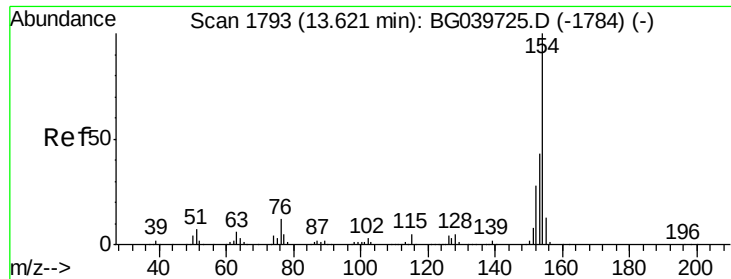
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

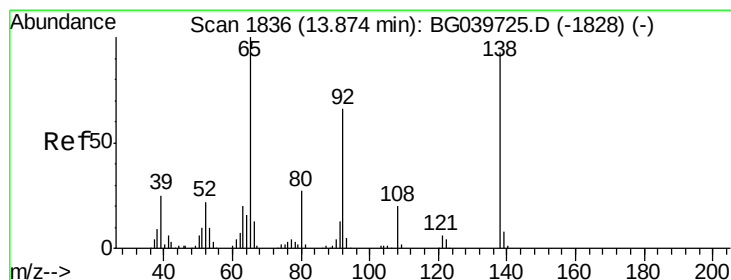
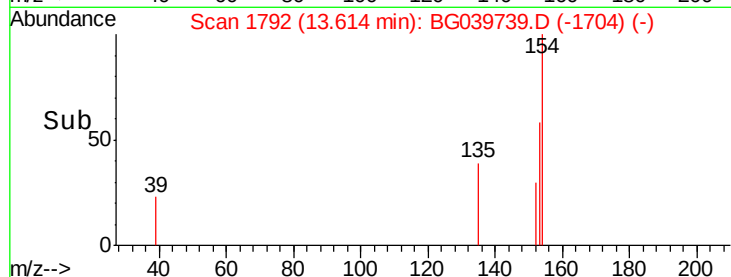
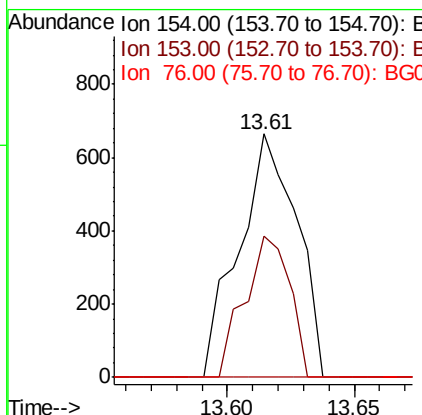
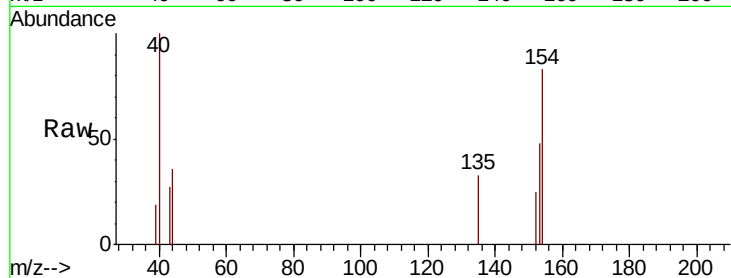




#46
 1,1'-Biphenyl
 Concen: 0.103 ng
 RT: 13.61 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG039739.D
 Acq: 4 Mar 2019 20:08

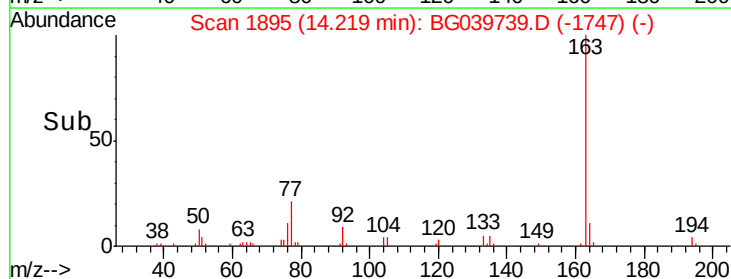
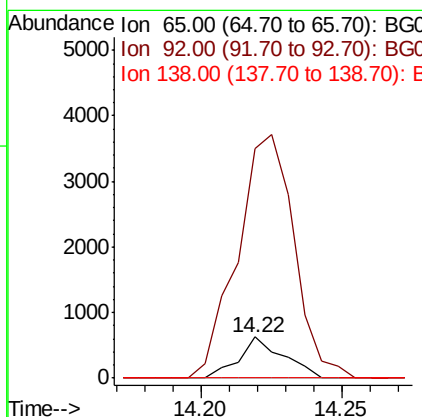
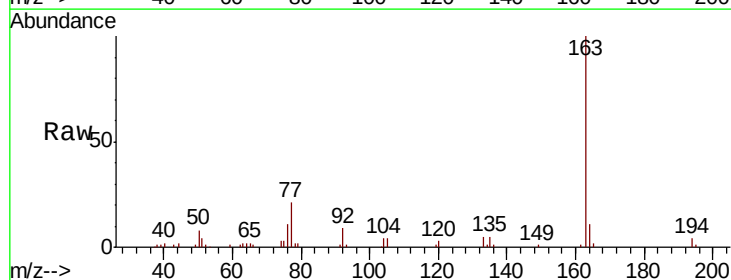
Instrument :
 BNA_G
 ClientSampleId :
 SB-B-14-18

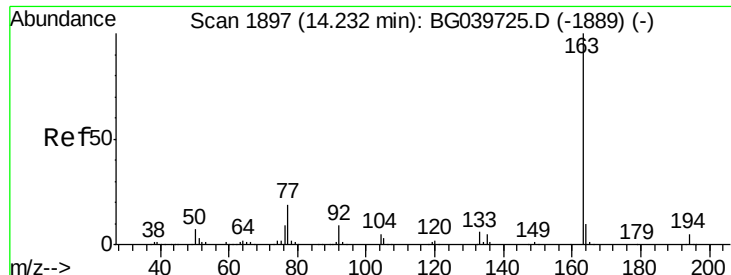
Tgt Ion: 154 Resp: 1059
 Ion Ratio Lower Upper
 154 100
 153 57.9 22.1 62.1
 76 0.0 0.0 32.4



#48
 2-Nitroaniline
 Concen: 0.274 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. 0.34 min
 Lab File: BG039739.D
 Acq: 4 Mar 2019 20:08

Tgt Ion: 65 Resp: 682
 Ion Ratio Lower Upper
 65 100
 92 560.6 51.4 77.2#
 138 0.0 71.4 107.2#





#50

Dimethylphthalate

Concen: 5.831 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampled :

SB-B-14-18

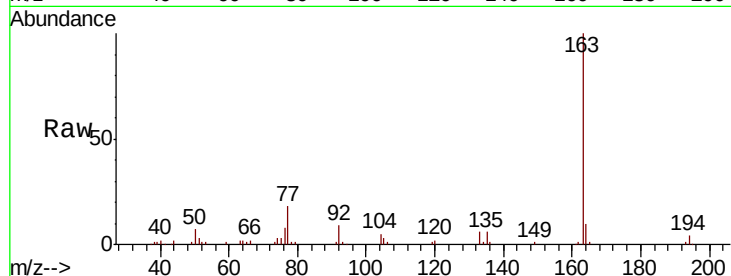
Tgt Ion:163 Resp: 61092

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

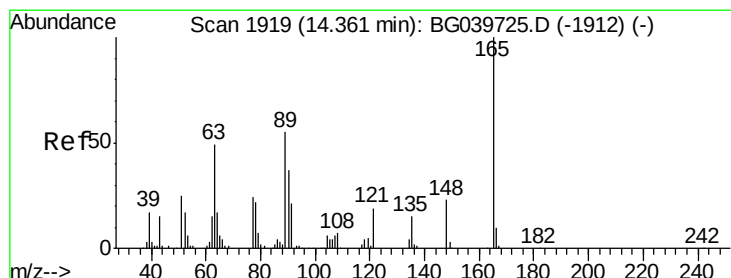
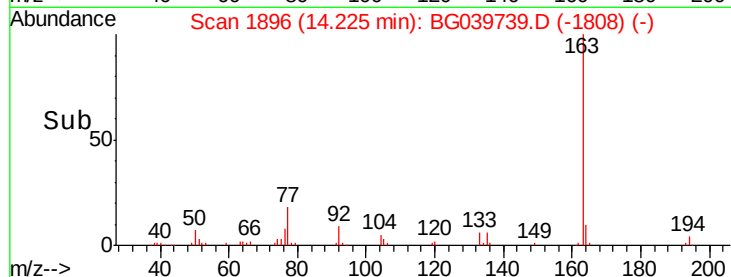
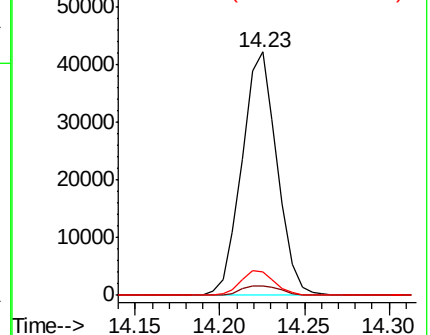
164 9.8 8.4 12.6



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: 0.263 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.15 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

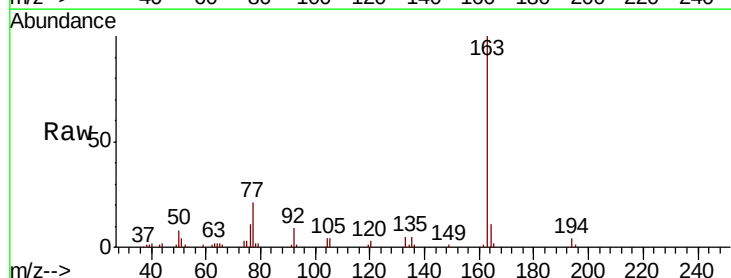
Tgt Ion:165 Resp: 585

Ion Ratio Lower Upper

165 100

63 111.4 47.0 70.6#

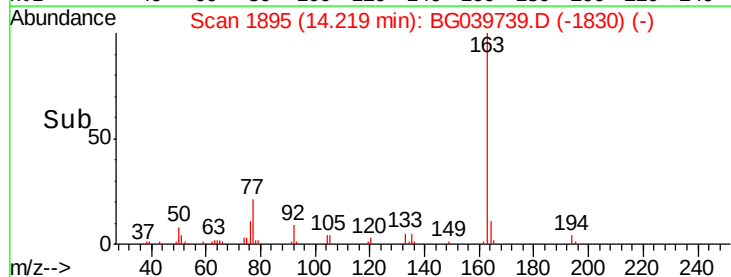
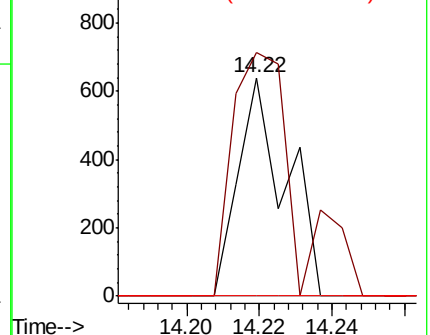
89 0.0 45.8 68.8#

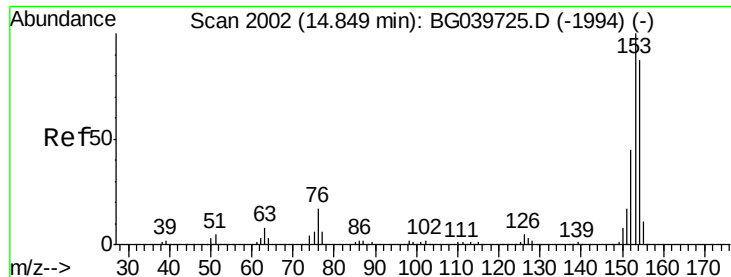


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.057 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.07 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampled :

SB-B-14-18

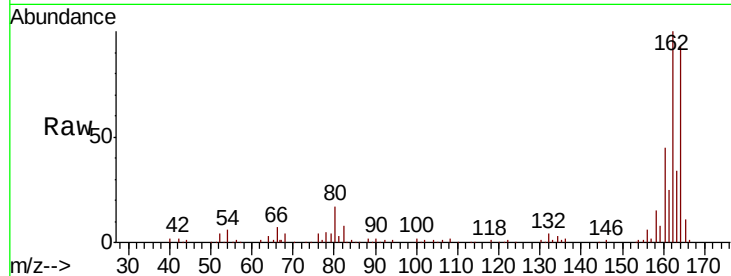
Tgt Ion:154 Resp: 436

Ion Ratio Lower Upper

154 100

153 36.9 90.1 135.1#

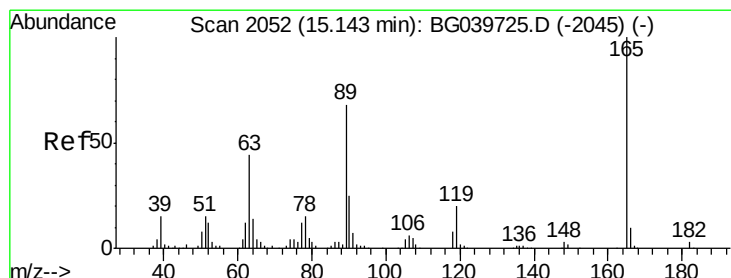
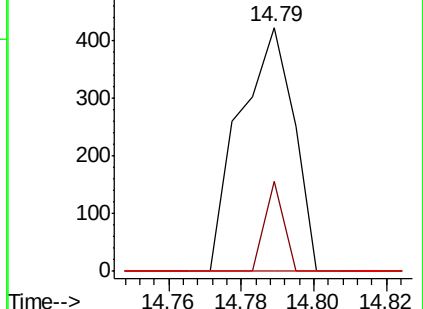
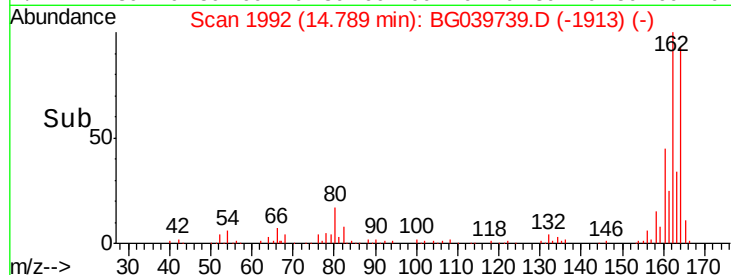
152 0.0 40.9 61.3#



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: 5.002 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Tgt Ion:165 Resp: 15609

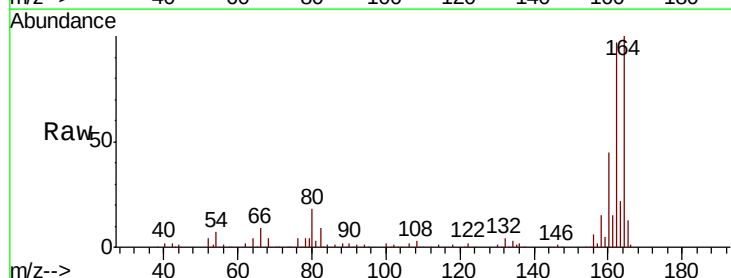
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 1.9 64.6 96.8#

182 0.0 2.0 3.0#

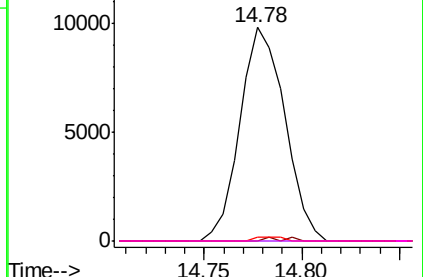
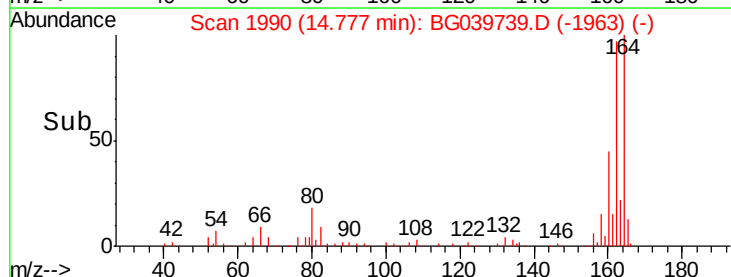


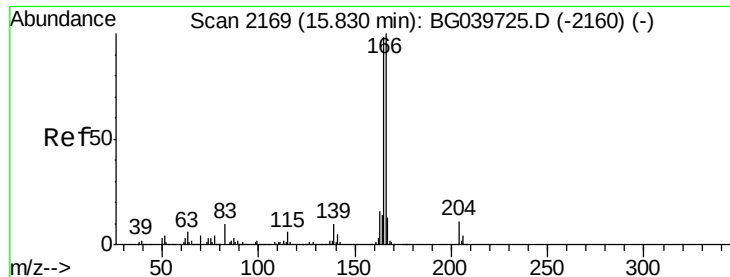
Abundance Ion 165.00 (164.70 to 165.70): E

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: 1.010 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.43 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

SB-B-14-18

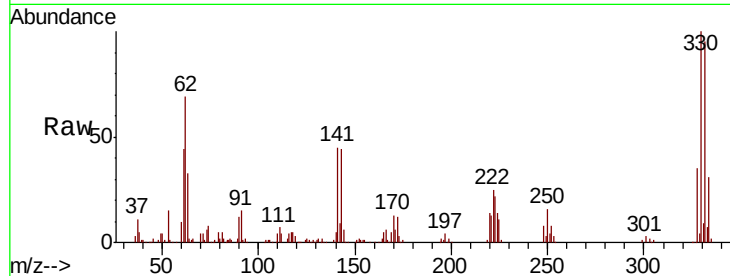
Tgt Ion:166 Resp: 9979

Ion Ratio Lower Upper

166 100

165 92.3 77.9 116.9

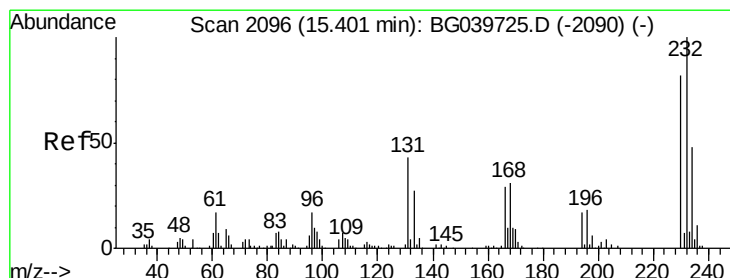
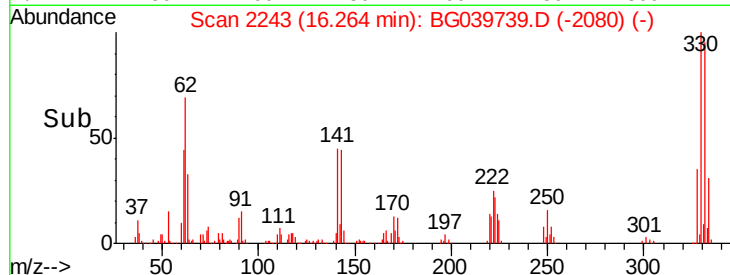
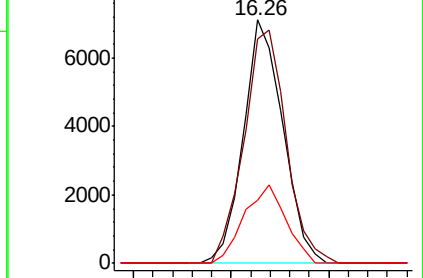
167 26.1 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.026 ng

RT: 15.38 min Scan# 2092

Delta R.T. -0.03 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Tgt Ion:232 Resp: 70

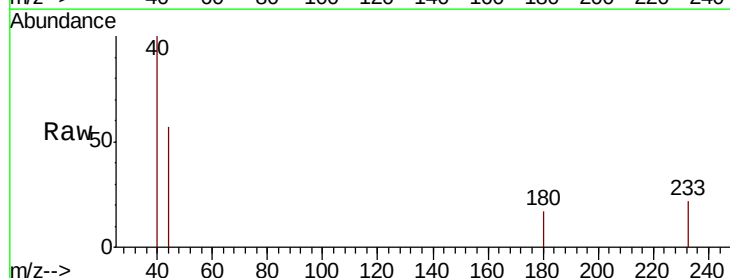
Ion Ratio Lower Upper

232 100

131 0.0 34.9 52.3#

130 0.0 2.0 3.0#

166 0.0 24.1 36.1#

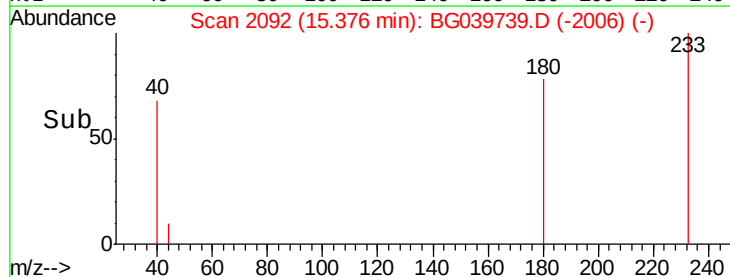
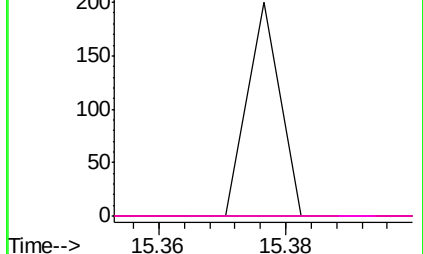


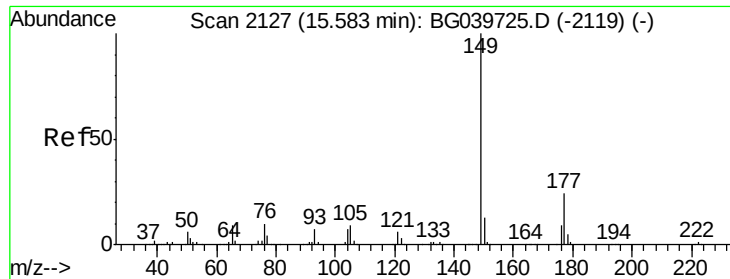
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

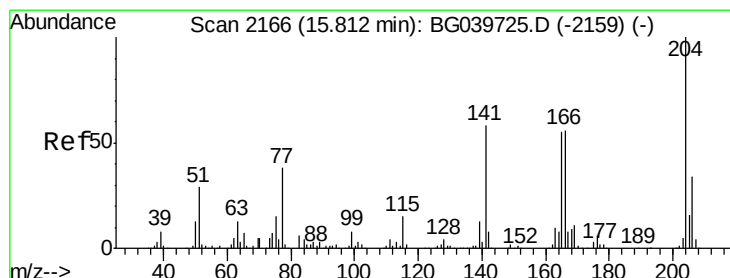
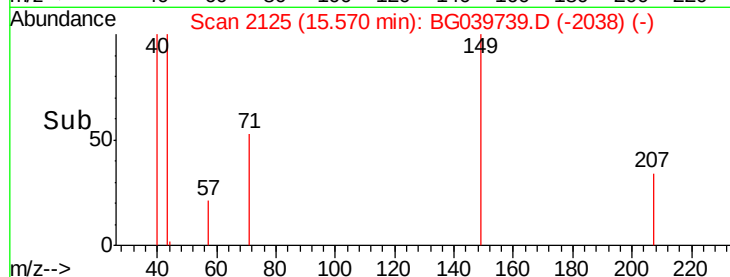
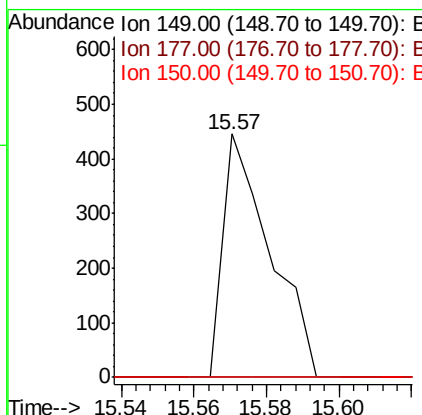
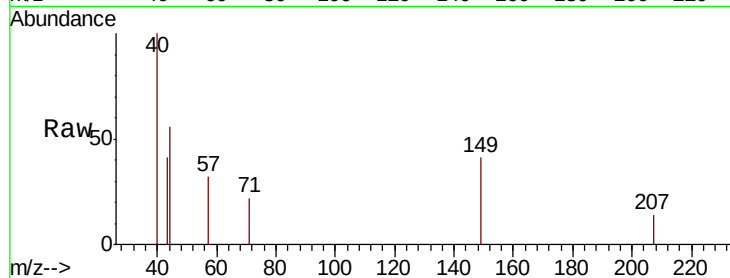




#60
Diethylphthalate
Concen: 0.039 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

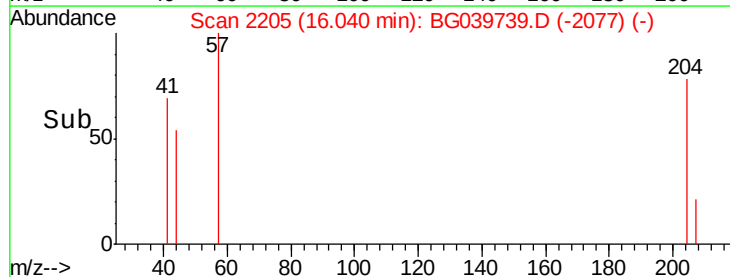
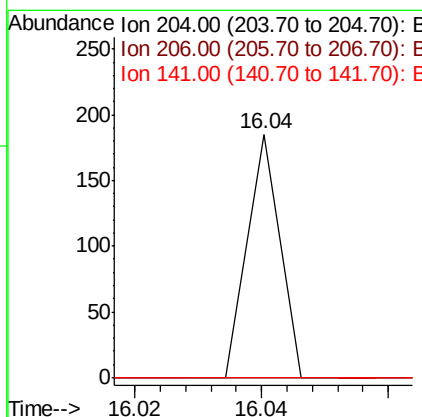
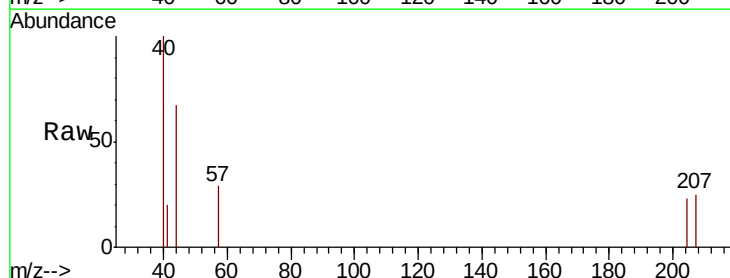
Instrument :
BNA_G
ClientSampleId :
SB-B-14-18

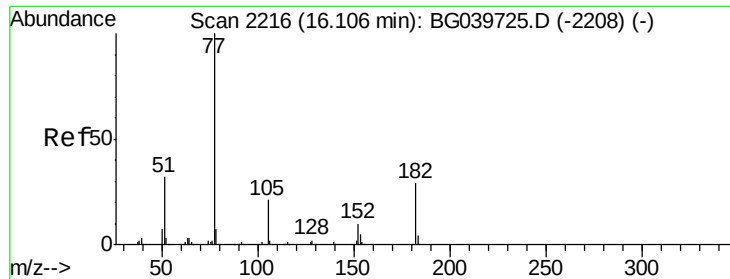
Tgt Ion:149 Resp: 403
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.2 15.2#



#61
4-Chlorophenyl-phenylether
Concen: 0.012 ng
RT: 16.04 min Scan# 2205
Delta R.T. 0.22 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Tgt Ion:204 Resp: 65
Ion Ratio Lower Upper
204 100
206 0.0 29.2 43.8#
141 0.0 49.0 73.4#





#63

Azobenzene

Concen: 0.141 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.16 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

SB-B-14-18

Tgt Ion: 77 Resp: 1327

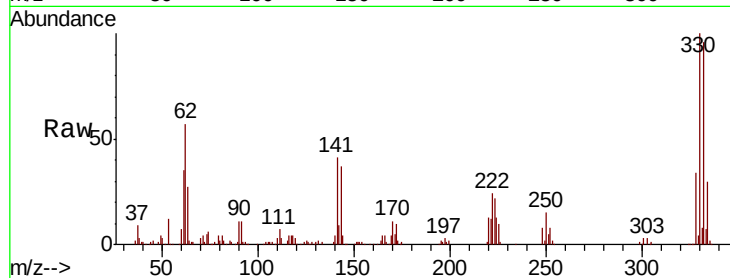
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 81.7 0.0 39.8#

51 68.3 14.1 54.1#

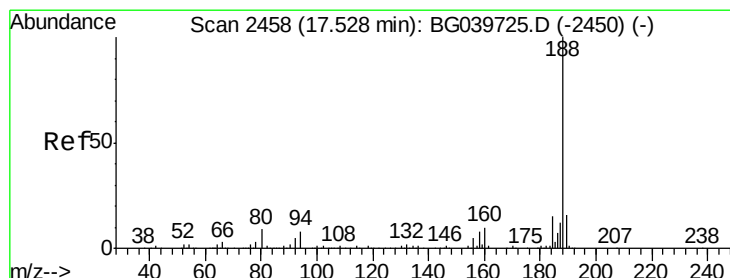
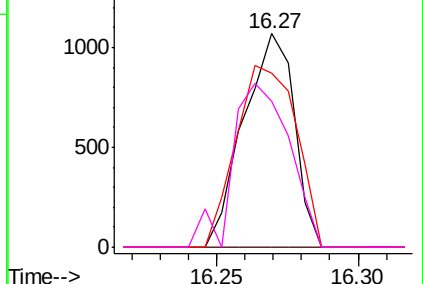
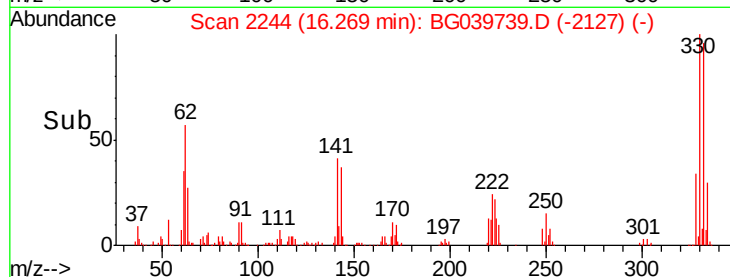


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

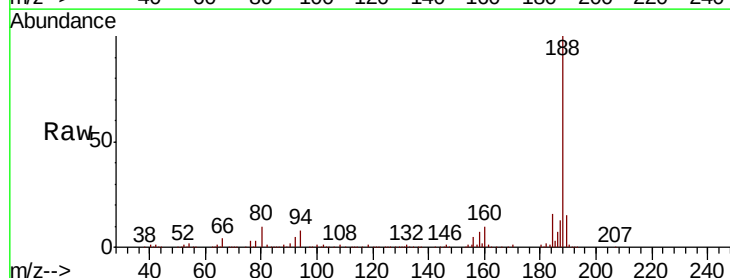
Tgt Ion: 188 Resp: 318743

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

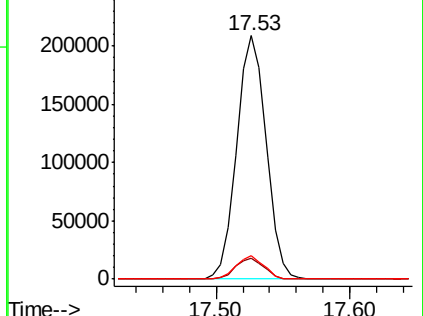
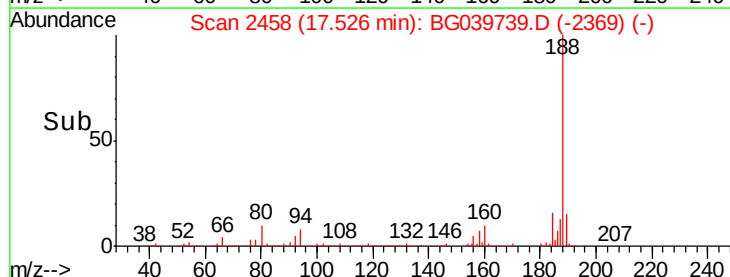
80 9.9 8.1 12.1

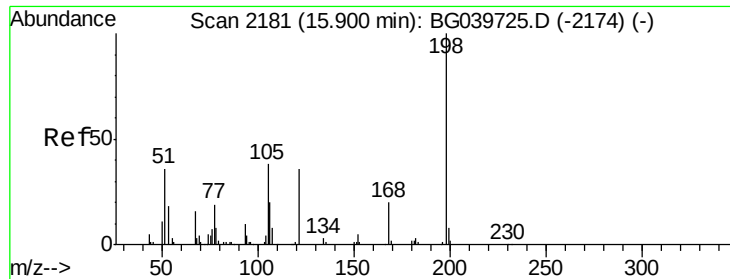


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 0.480 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.36 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

SB-B-14-18

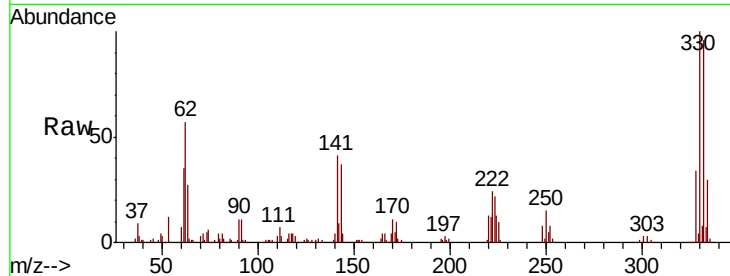
Tgt Ion:198 Resp: 905

Ion Ratio Lower Upper

198 100

51 94.3 27.4 67.4#

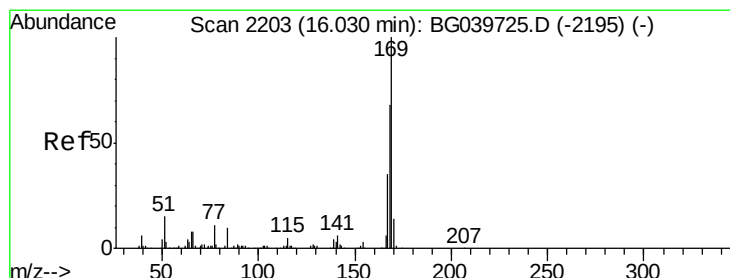
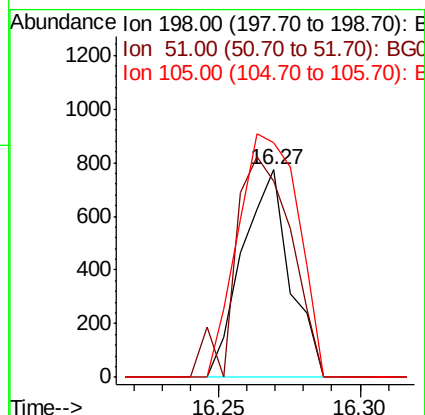
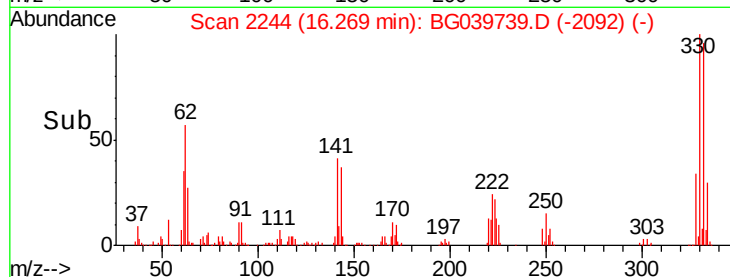
105 112.8 19.7 59.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 1.044 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.23 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

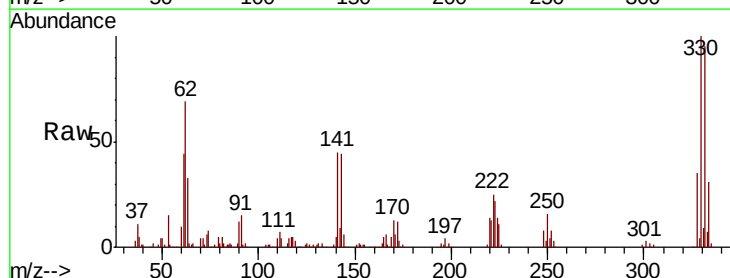
Tgt Ion:169 Resp: 9634

Ion Ratio Lower Upper

169 100

168 9.6 56.6 85.0#

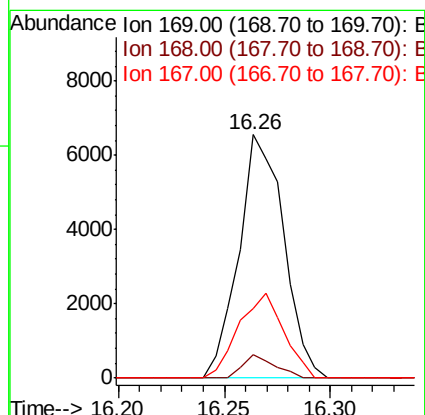
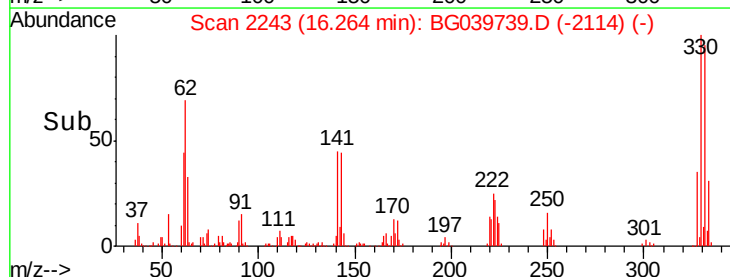
167 28.3 28.8 43.2#

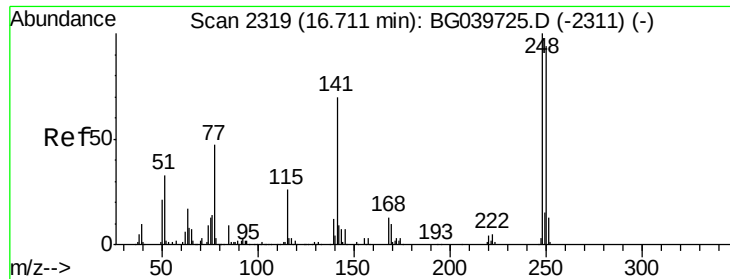


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

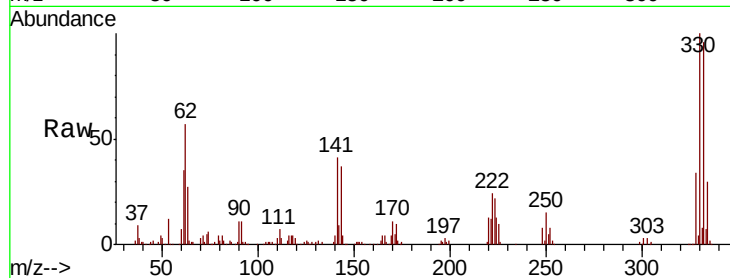




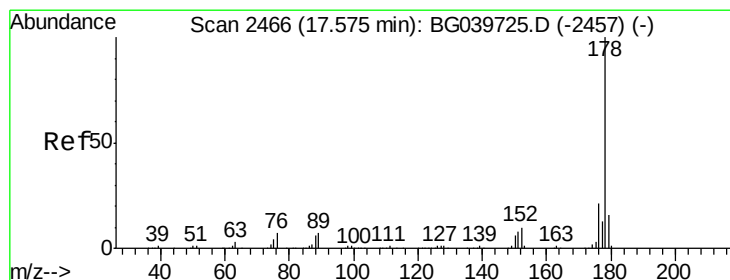
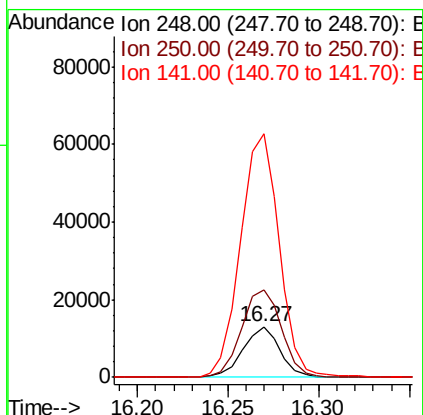
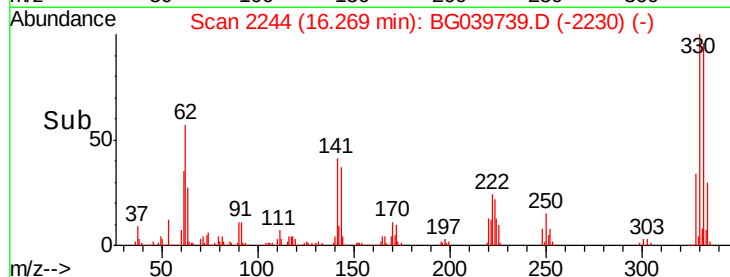
#67
 4-Bromophenyl-phenylether
 Concen: 5.146 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.45 min
 Lab File: BG039739.D
 Acq: 4 Mar 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 SB-B-14-18

Tgt Ion:248 Resp: 18359
 Ion Ratio Lower Upper
 248 100
 250 174.3 77.6 116.4#
 141 482.8 63.9 95.9#

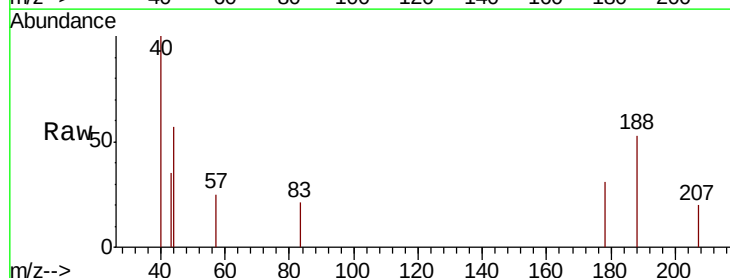


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

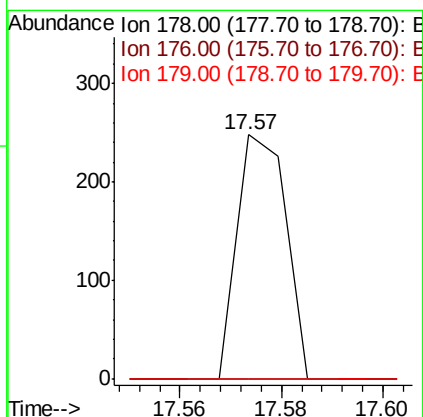
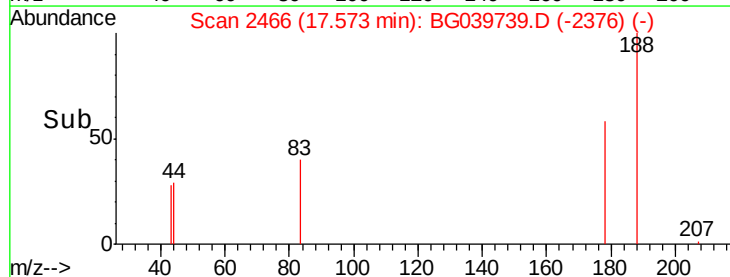


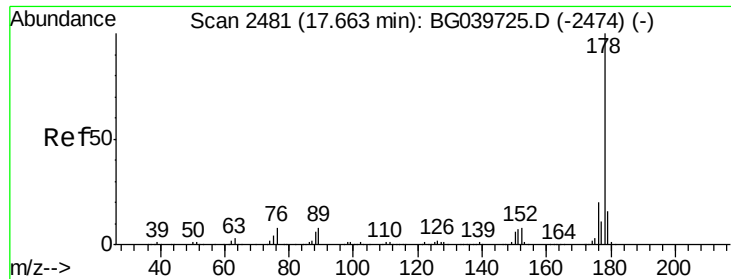
#71
 Phenanthrene
 Concen: 0.010 ng
 RT: 17.57 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG039739.D
 Acq: 4 Mar 2019 20:08

Tgt Ion:178 Resp: 167
 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: 0.010 ng

RT: 17.57 min Scan# 2466

Delta R.T. -0.10 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

SB-B-14-18

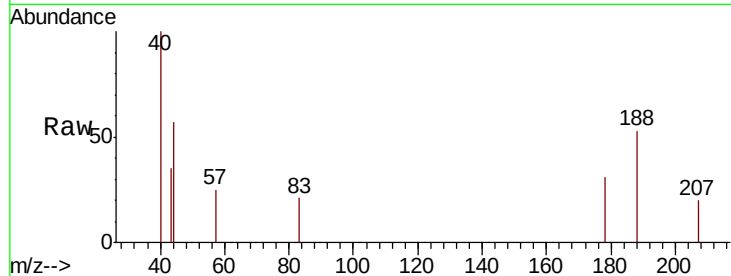
Tgt Ion:178 Resp: 167

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

179 0.0 12.5 18.7#

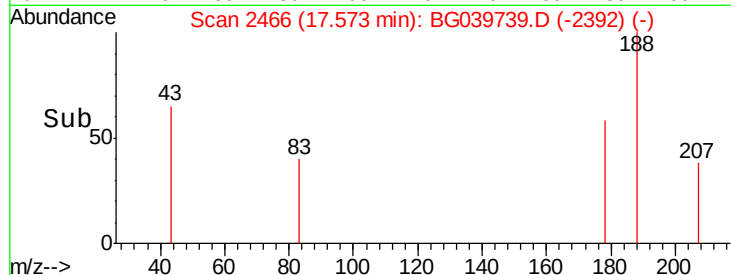


Abundance Ion 178.00 (177.70 to 178.70): E

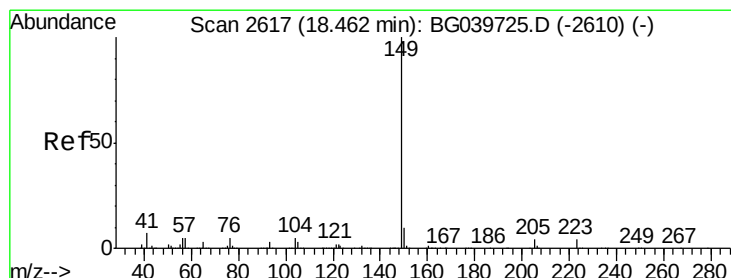
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.57



Time-->



#74

Di-n-butylphthalate

Concen: 0.129 ng

RT: 18.46 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

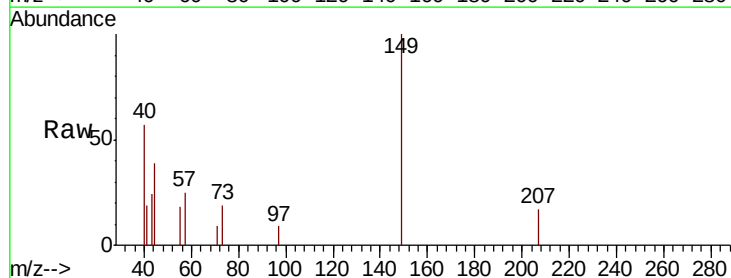
Tgt Ion:149 Resp: 2344

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.5 6.7#

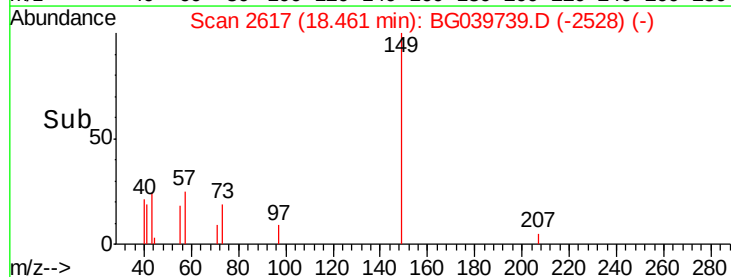


Abundance Ion 149.00 (148.70 to 149.70): E

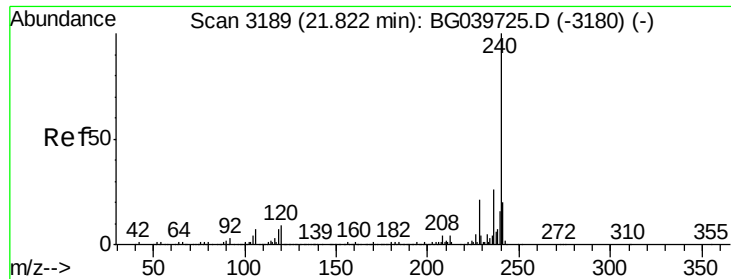
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.46



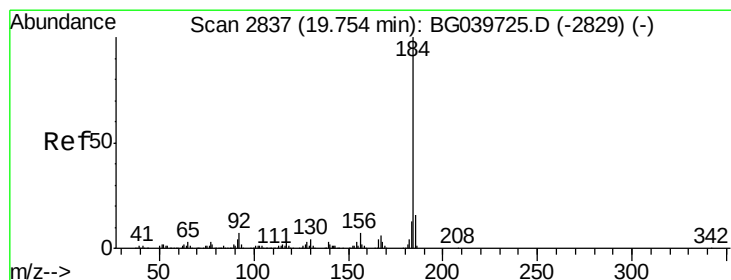
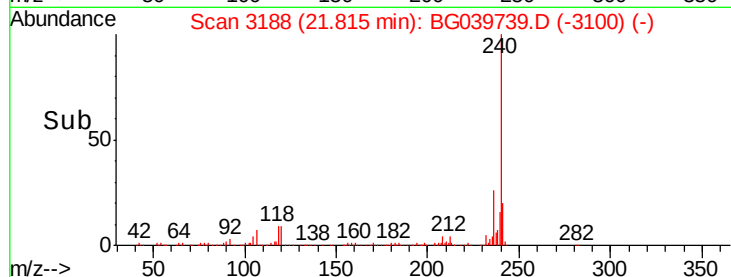
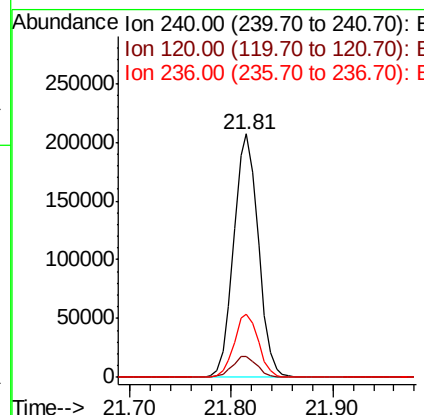
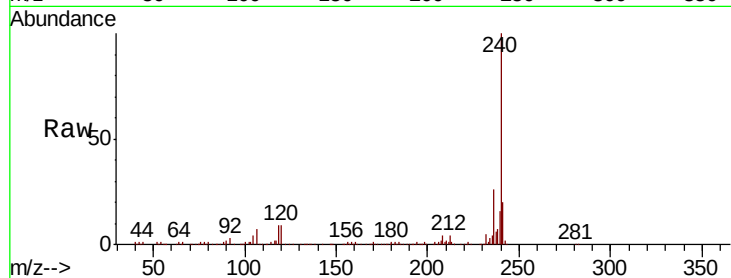
Time-->



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

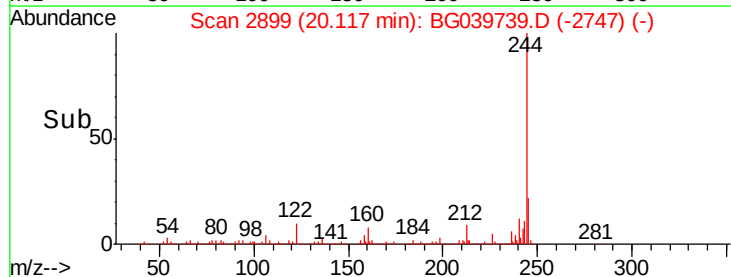
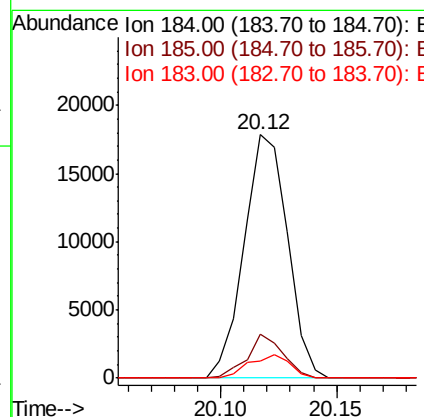
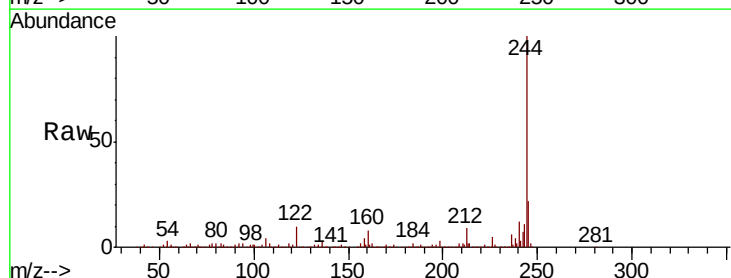
Instrument :
BNA_G
ClientSampled :
SB-B-14-18

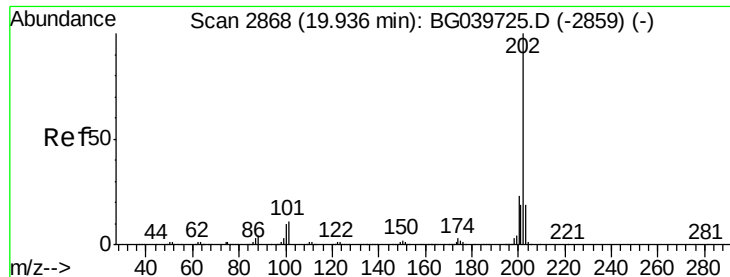
Tgt Ion:240 Resp: 346851
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.1 21.0 31.4



#77
Benzidine
Concen: 2.127 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Tgt Ion:184 Resp: 23414
Ion Ratio Lower Upper
184 100
185 18.1 12.2 18.2
183 7.0 10.6 15.8#

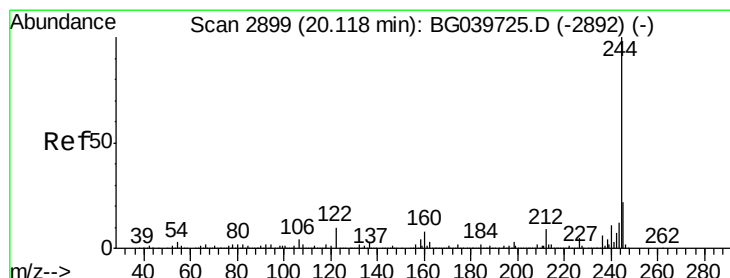
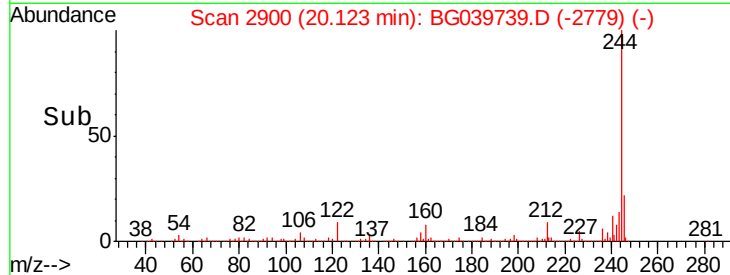
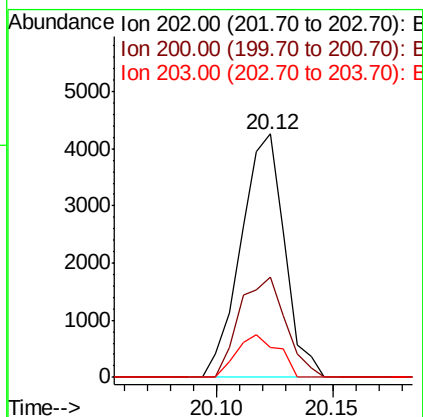
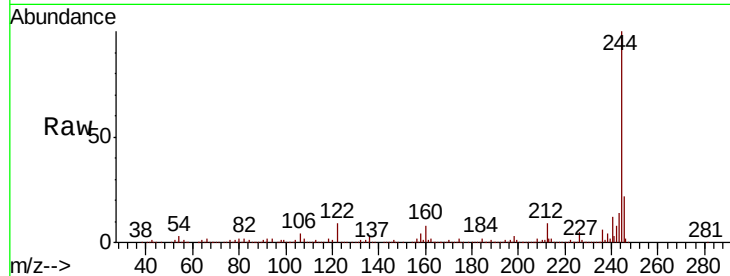




#78
 Pyrene
 Concen: 0.248 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. 0.18 min
 Lab File: BG039739.D
 Acq: 4 Mar 2019 20:08

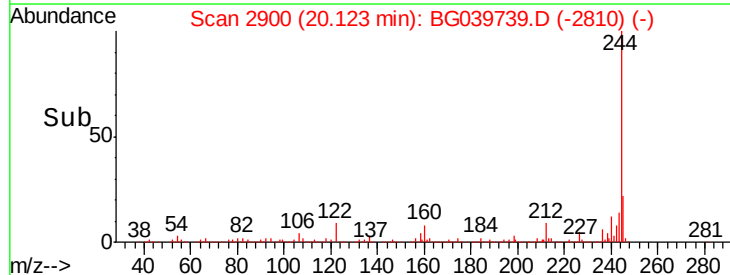
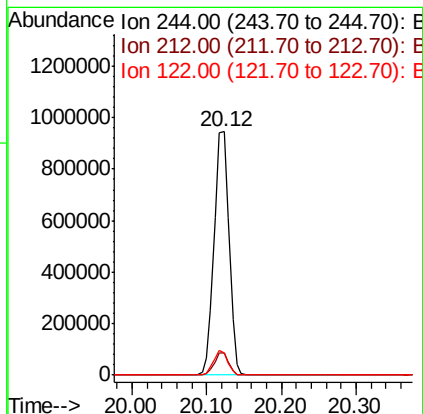
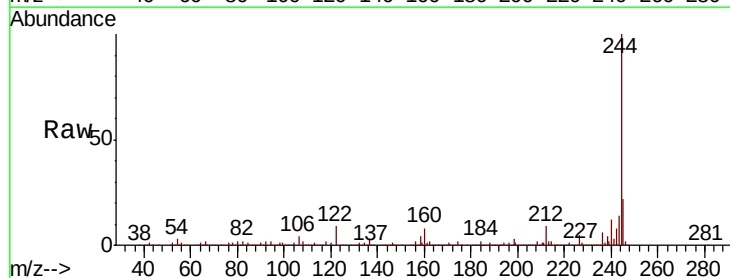
Instrument :
 BNA_G
 ClientSampled :
 SB-B-14-18

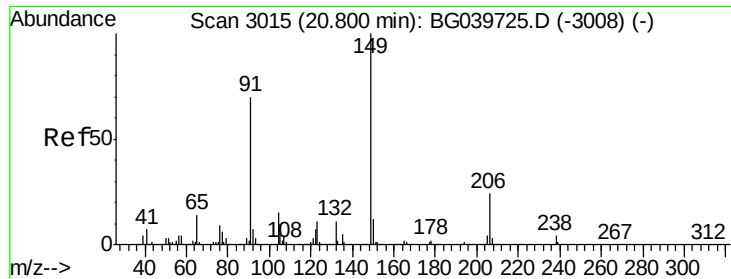
Tgt Ion:202 Resp: 5598
 Ion Ratio Lower Upper
 202 100
 200 41.3 17.8 26.8#
 203 12.3 15.3 22.9#



#79
 Terphenyl-d14
 Concen: 83.286 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG039739.D
 Acq: 4 Mar 2019 20:08

Tgt Ion:244 Resp: 1312009
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.3 10.9
 122 9.1 8.4 12.6

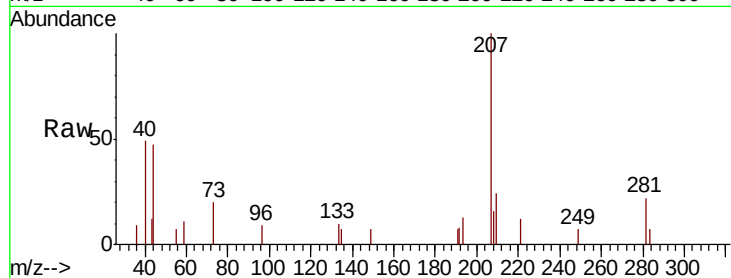




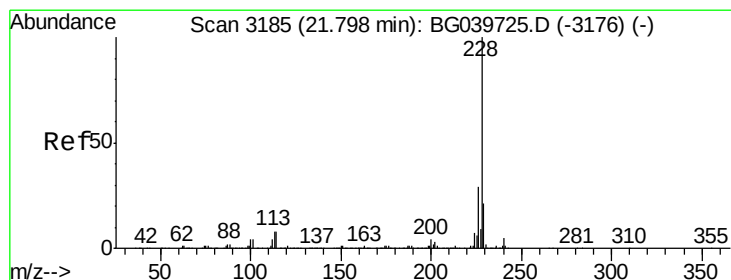
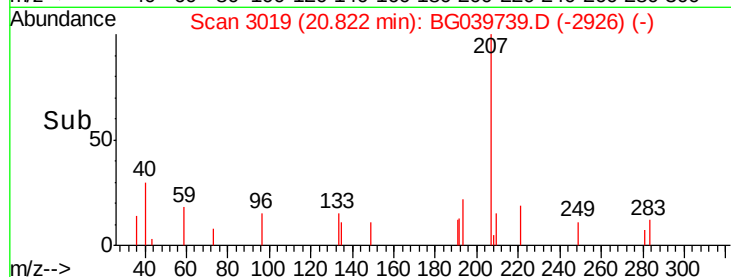
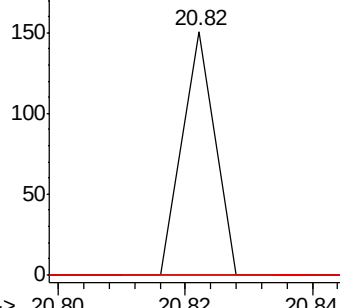
#80
Butylbenzylphthalate
Concen: 0.006 ng
RT: 20.82 min Scan# 3019
Delta R.T. 0.02 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Instrument :
BNA_G
ClientSampleId :
SB-B-14-18

Tgt Ion:149 Resp: 53
Ion Ratio Lower Upper
149 100
91 0.0 59.5 89.3#
206 0.0 18.6 27.8#

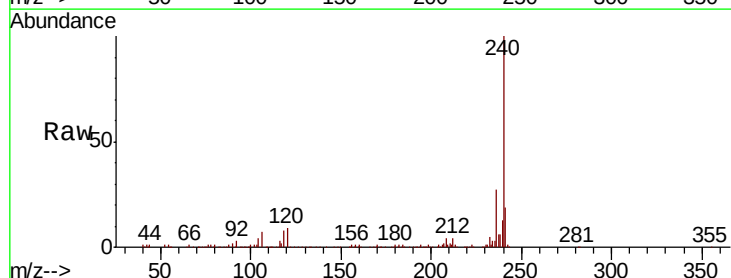


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

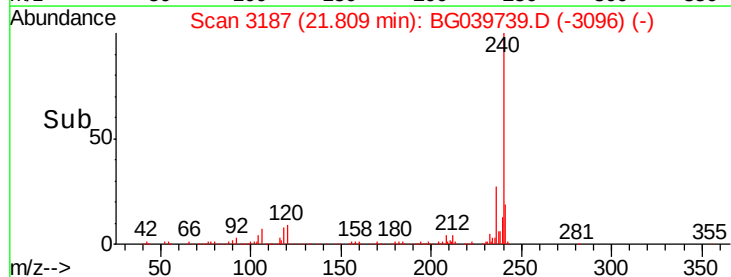
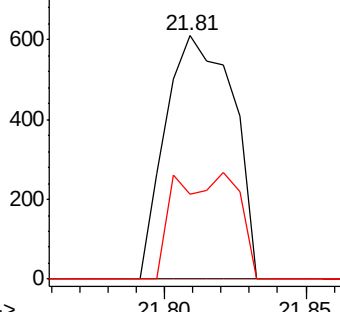


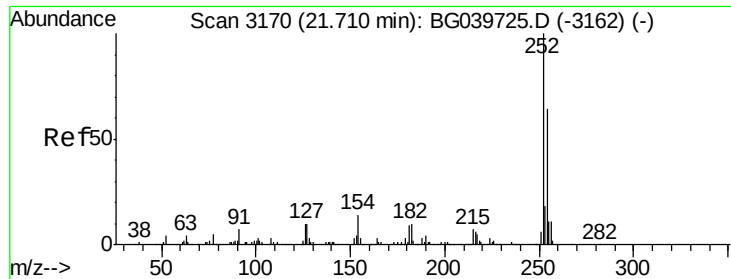
#81
Benzo(a)anthracene
Concen: 0.046 ng
RT: 21.81 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Tgt Ion:228 Resp: 1010
Ion Ratio Lower Upper
228 100
226 0.0 23.0 34.6#
229 35.1 16.9 25.3#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

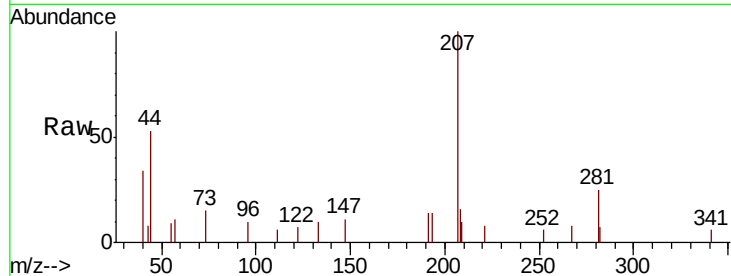




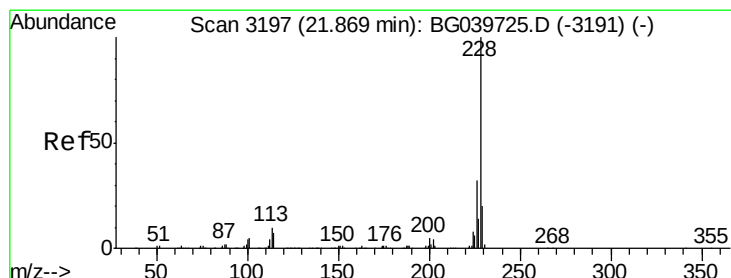
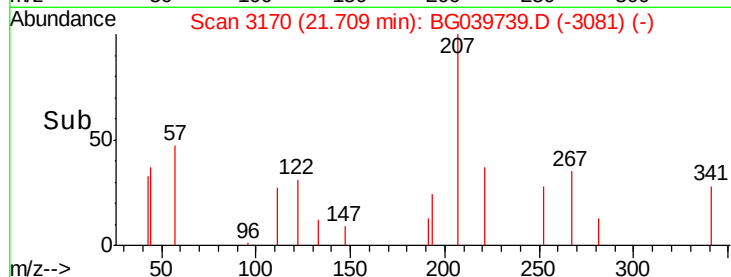
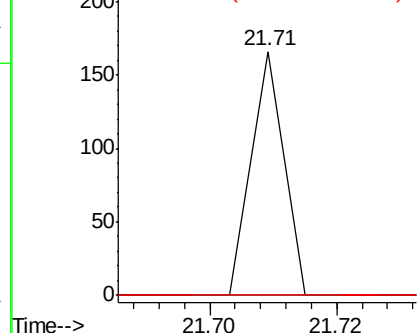
#82
 3,3'-Dichlorobenzidine
 Concen: 0.007 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG039739.D
 Acq: 4 Mar 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 SB-B-14-18

Tgt Ion: 252 Resp: 58
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.3 76.9#
 126 0.0 8.0 12.0#

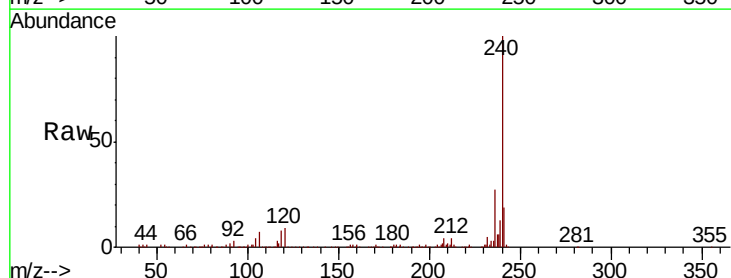


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

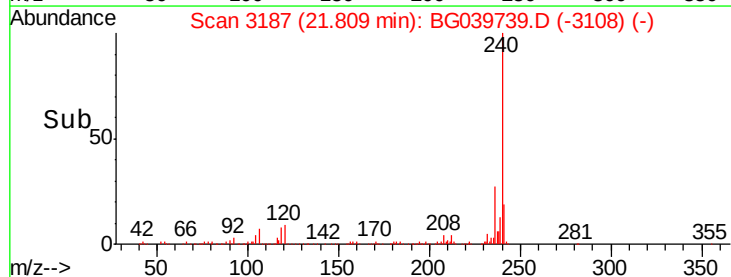
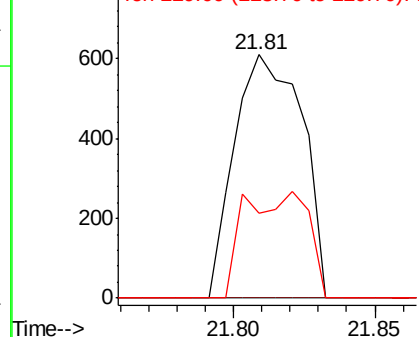


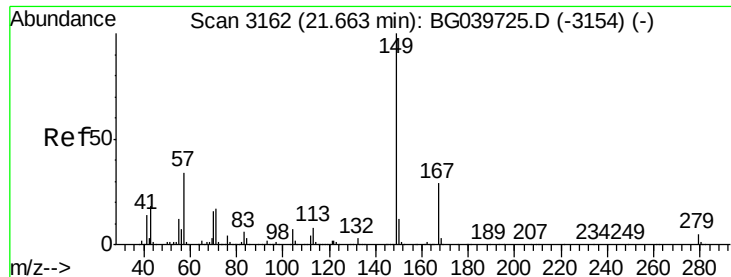
#83
 Chrysene
 Concen: 0.048 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.07 min
 Lab File: BG039739.D
 Acq: 4 Mar 2019 20:08

Tgt Ion: 228 Resp: 1010
 Ion Ratio Lower Upper
 228 100
 226 0.0 25.8 38.6#
 229 35.1 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: 0.099 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

SB-B-14-18

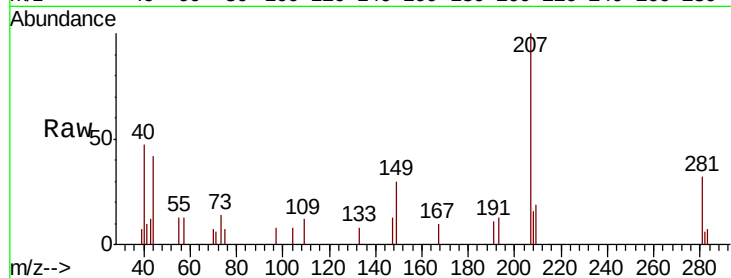
Tgt Ion:149 Resp: 1213

Ion Ratio Lower Upper

149 100

167 33.1 22.6 34.0

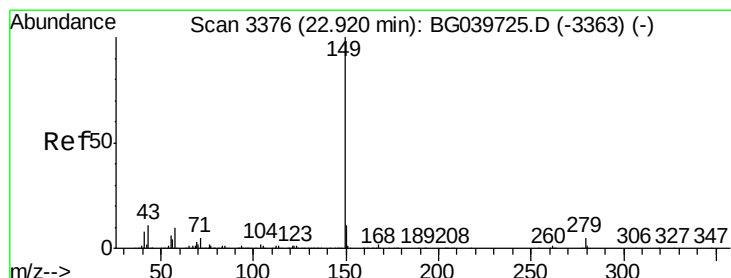
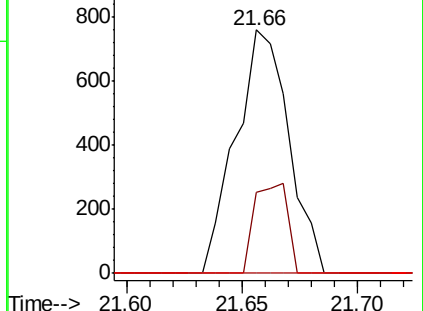
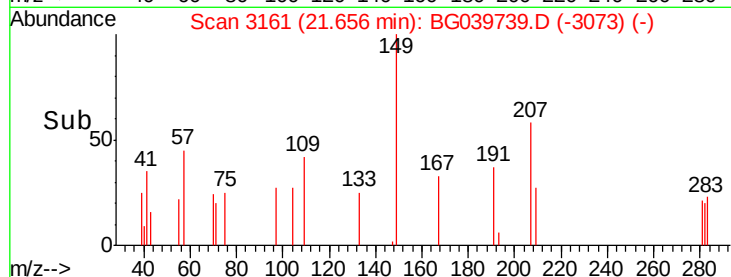
279 0.0 3.5 5.3#



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: 0.006 ng

RT: 22.96 min Scan# 3383

Delta R.T. 0.03 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

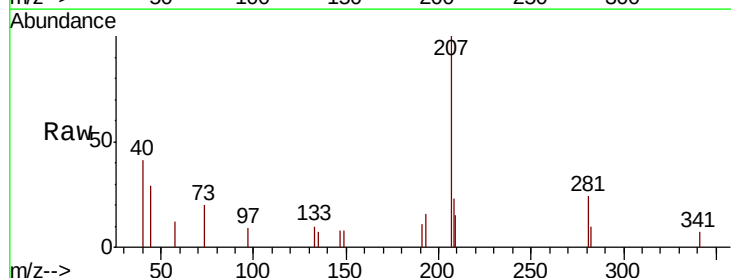
Tgt Ion:149 Resp: 132

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

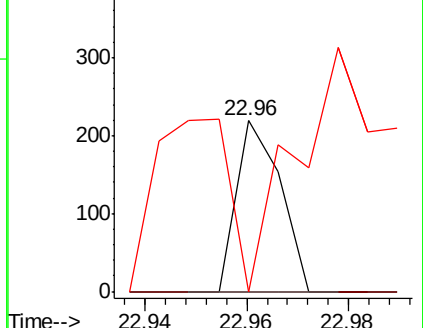
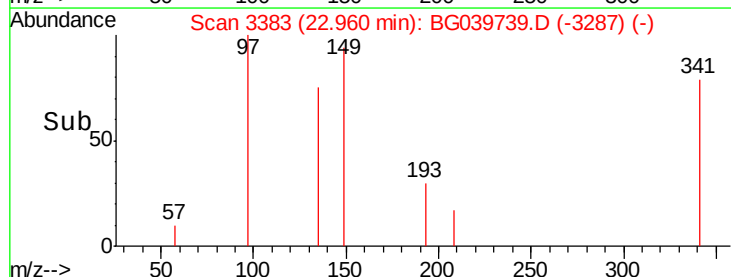
43 169.7 10.2 15.4#

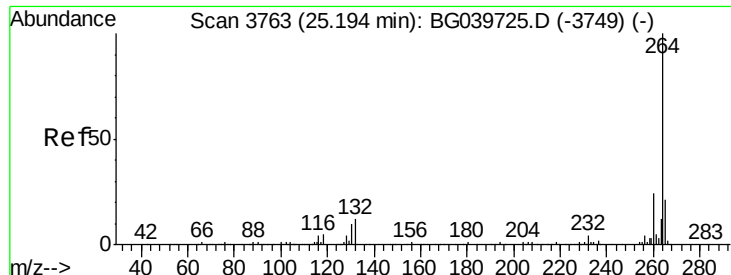


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



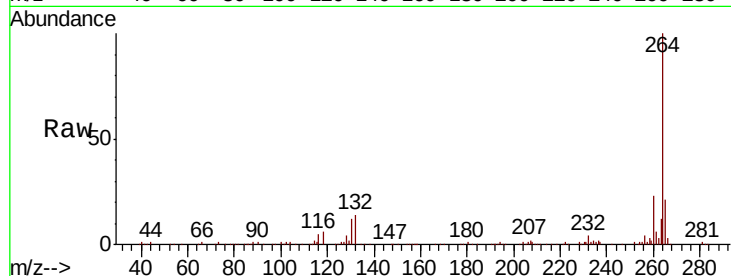


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Instrument :
BNA_G
ClientSampleId :
SB-B-14-18

Tgt Ion: 264 Resp: 347228

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.5	18.5	27.7

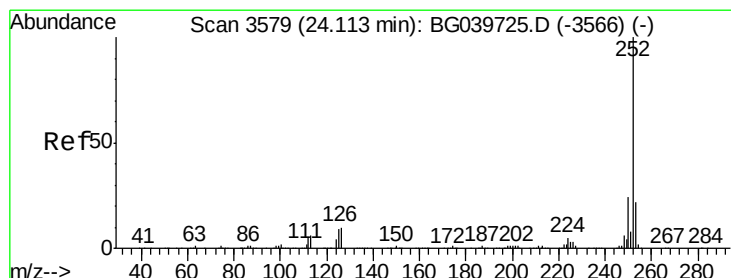
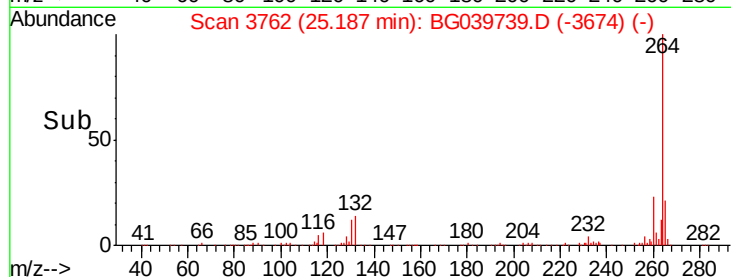
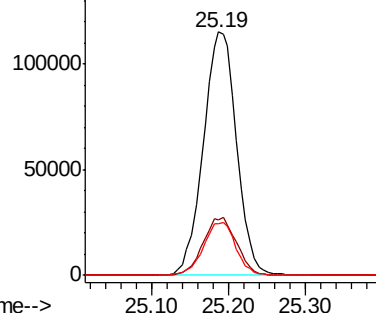


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

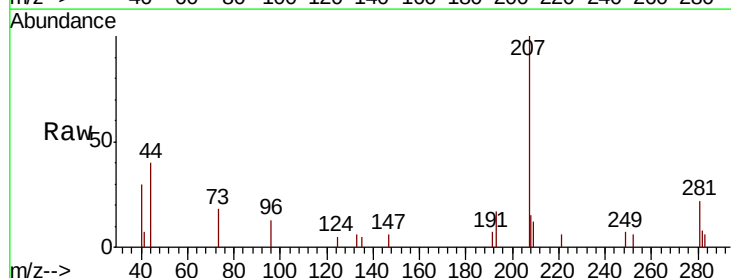
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.09 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Tgt Ion: 252 Resp: 62

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	7.8	11.6#

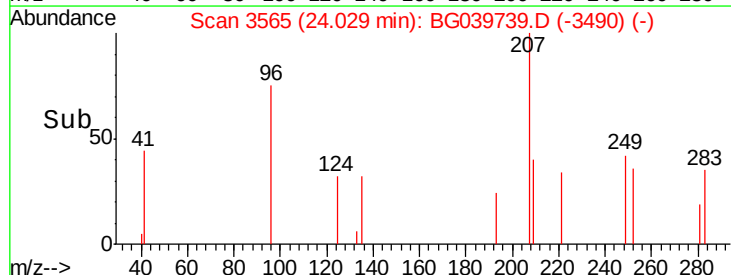
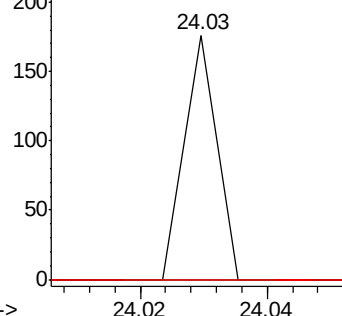


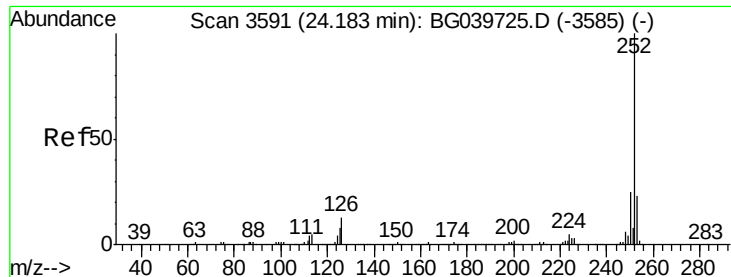
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

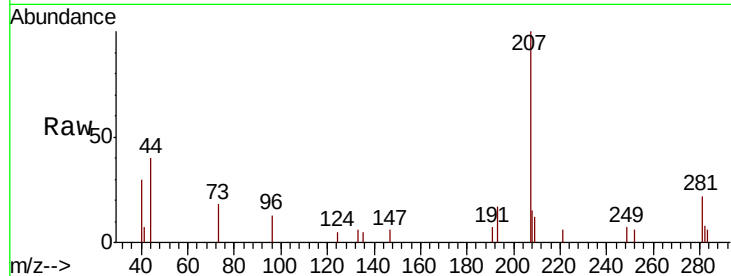




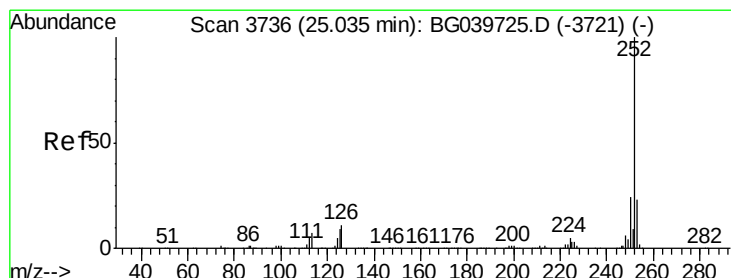
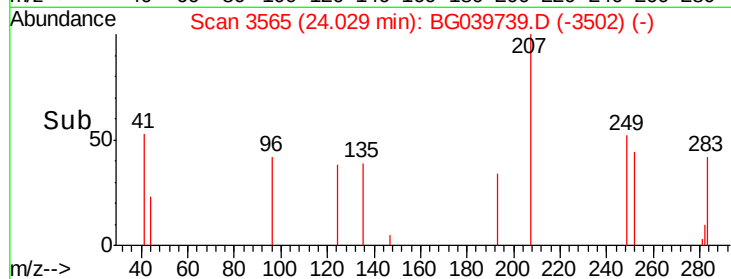
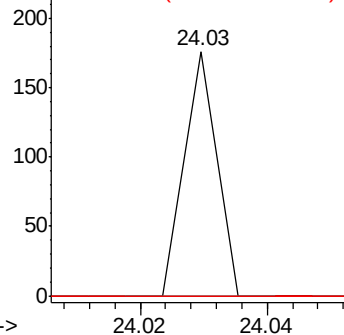
#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.16 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Instrument :
BNA_G
ClientSampleId :
SB-B-14-18

Tgt Ion: 252 Resp: 62
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 7.4 11.2#

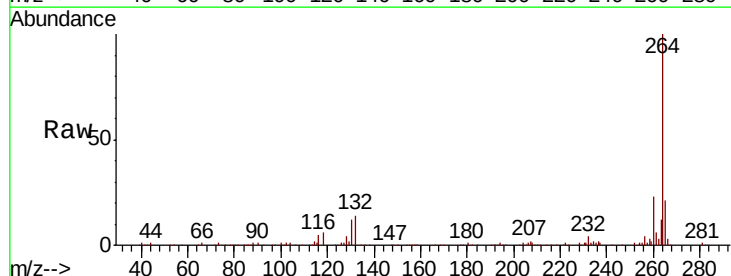


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

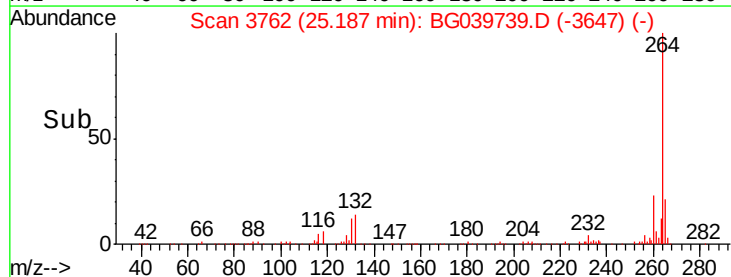
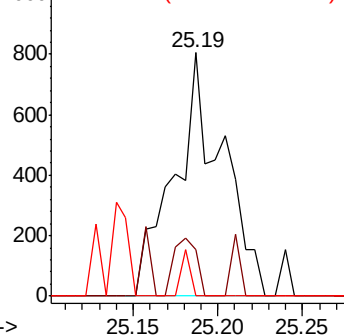


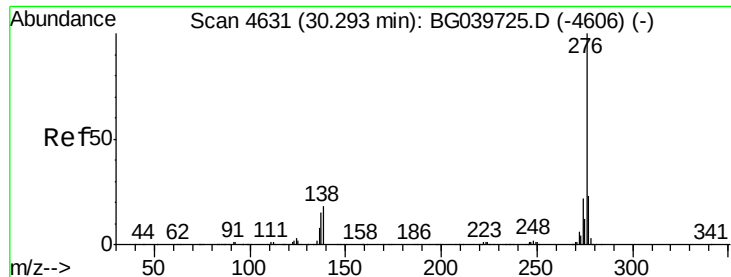
#90
Benzo(a)pyrene
Concen: 0.083 ng
RT: 25.19 min Scan# 3762
Delta R.T. 0.15 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Tgt Ion: 252 Resp: 1593
Ion Ratio Lower Upper
252 100
253 18.9 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





#92

Benzo(g,h,i)perylene

Concen: 0.004 ng

RT: 30.57 min Scan# 4678

Delta R.T. 0.26 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

SB-B-14-18

Tgt Ion:	276	Resp:	67
Ion Ratio	Lower	Upper	
276	100		
277	0.0	19.6	29.4#
138	0.0	14.7	22.1#

