

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039954.D
 Acq On : 15 Mar 2019 23:28
 Operator : JU/SJ
 Sample : K1930-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Mar 16 04:11:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	2346	20.00	ng	-0.03
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.99
39) Acenaphthene-d10	14.84	164	59	20.00	ng	0.05
64) Phenanthrene-d10	17.69	188	173	20.00	ng	0.15
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.83
87) Perylene-d12	0.00	264	0	0.00	ng	-25.20
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	356242	2590.59	ng	-0.01
7) Phenol-d6	7.29	99	521285	2542.34	ng	-0.02
23) Nitrobenzene-d5	9.33	82	324106	0.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	186594	271335.05	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	704819	170091.90	ng	-0.02
79) Terphenyl-d14	20.11	244	893505	0.00	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.42	88	223	3.513	ng	# 10
6) Aniline	7.67	93	665	2.475	ng	# 1
9) Benzaldehyde	7.30	77	1016	7.682	ng	# 4
10) Phenol	7.32	94	8724	39.275	ng	# 79
11) bis(2-Chloroethyl)ether	7.67	93	665	3.840	ng	# 1
15) Benzyl Alcohol	8.46	79	5045	31.018	ng	# 48
19) n-Nitroso-di-n-propylamine	9.33	70	43037	291.610	ng	# 74
46) 1,1'-Biphenyl	13.61	154	1081	222.764	ng	# 87
47) 2-Chloronaphthalene	14.20	162	92	25.201	ng	# 1
48) 2-Nitroaniline	14.06	65	54	46.028	ng	# 10
49) Acenaphthylene	14.57	152	63	10.512	ng	# 59
50) Dimethylphthalate	14.21	163	64926	13160.166	ng	# 96
51) 2,6-Dinitrotoluene	14.42	165	171	163.498	ng	# 22
53) 3-Nitroaniline	14.72	138	275	261.572	ng	# 1
56) 4-Nitrophenol	15.05	139	82	87.188	ng	# 1
57) 2,4-Dinitrotoluene	15.21	165	147	100.028	ng	# 17
58) Fluorene	16.26	166	8488	1824.484	ng	# 94
59) 2,3,4,6-Tetrachlorophenol	15.66	232	72	55.893	ng	# 1
60) Diethylphthalate	15.62	149	707	144.763	ng	# 32
61) 4-Chlorophenyl-phenylether	15.85	204	66	26.585	ng	# 27
62) 4-Nitroaniline	15.86	138	71	62.293	ng	# 78
63) Azobenzene	16.19	77	402	90.805	ng	# 45
65) 4,6-Dinitro-2-methylphenol	16.26	198	802	784.051	ng	# 1
66) n-Nitrosodiphenylamine	16.26	169	8556	1708.333	ng	# 47
67) 4-Bromophenyl-phenylether	16.87	248	71	36.665	ng	# 43
69) Atrazine	17.13	200	55	27.903	ng	# 1
70) Pentachlorophenol	17.26	266	56	44.175	ng	# 18
71) Phenanthrene	17.72	178	50	5.247	ng	# 1
72) Anthracene	17.83	178	247	26.599	ng	# 1
73) Carbazole	18.08	167	137	16.365	ng	# 1
74) Di-n-butylphthalate	18.63	149	425	43.149	ng	# 79
75) Fluoranthene	19.56	202	1649	146.426	ng	# 70

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Sample : K1930-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

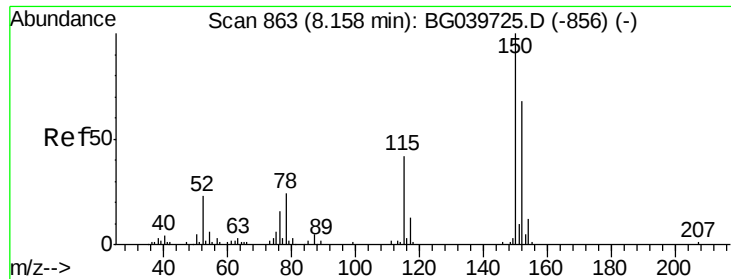
Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Time: Mar 16 04:11:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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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)

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

```
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Acq On    : 15 Mar 2019   23:28
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Sample    : K1930-05
Misc      :
ALS Vial  : 19      Sample Multiplier: 1
```

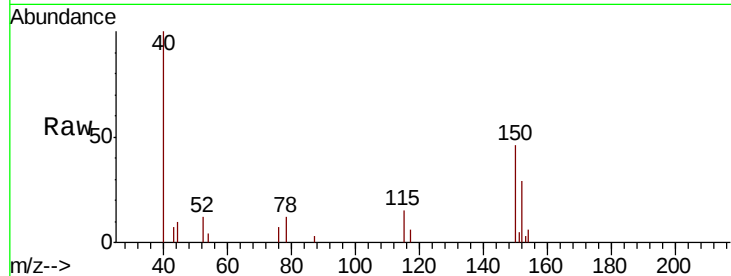


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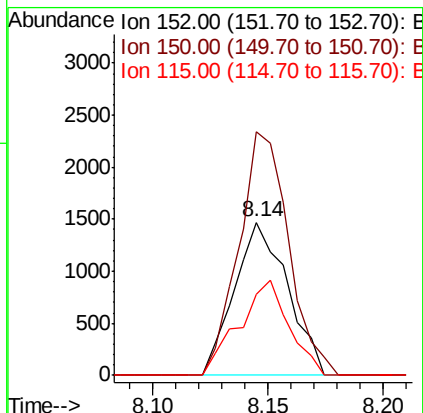
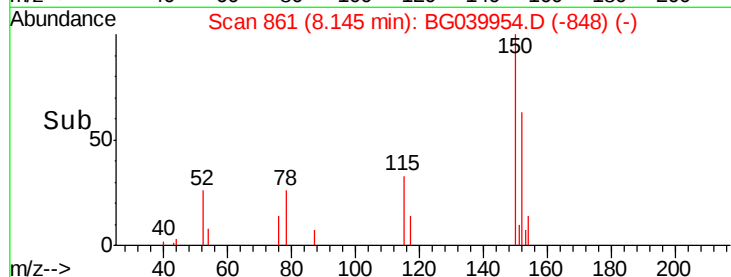
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039954.D
Acq: 15 Mar 2019 23:28

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 2346
Ion Ratio Lower Upper
152 100
150 159.2 123.7 185.5
115 53.0 45.9 68.9



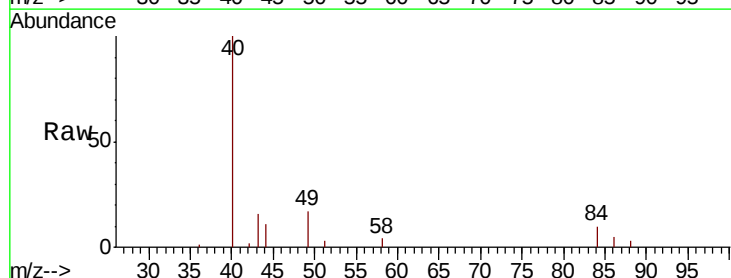
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



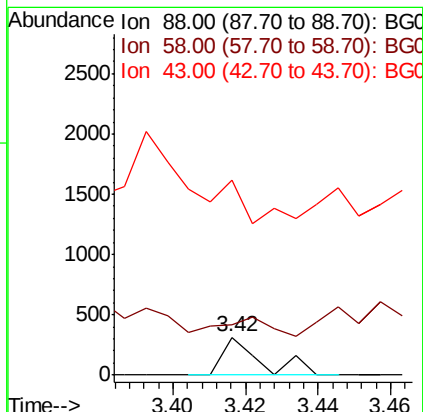
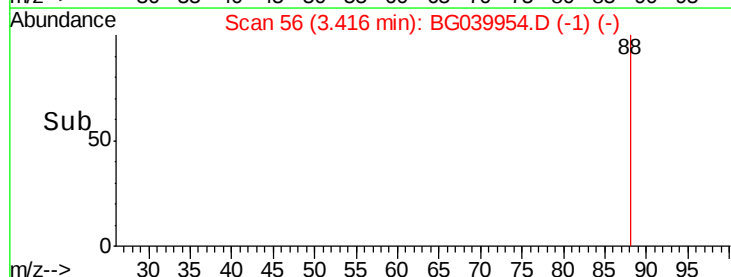
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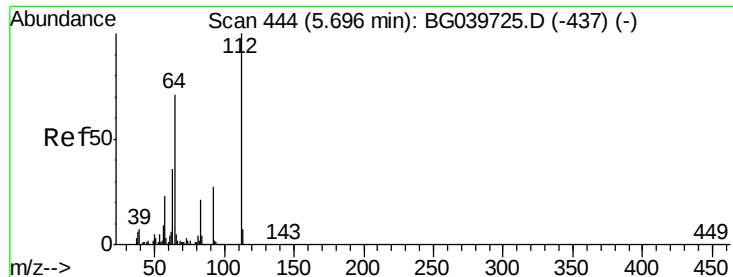
1,4-Dioxane
Concen: 3.513 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.19 min
Lab File: BG039954.D
Acq: 15 Mar 2019 23:28

Tgt Ion: 88 Resp: 223
Ion Ratio Lower Upper
88 100
58 0.0 81.1 121.7#
43 0.0 31.4 47.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 2590.588 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampled :

TP-4

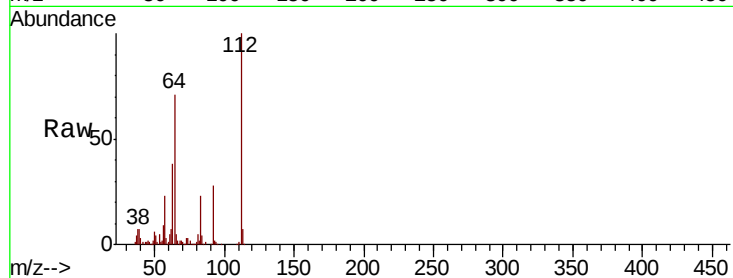
Tgt Ion:112 Resp: 356242

Ion Ratio Lower Upper

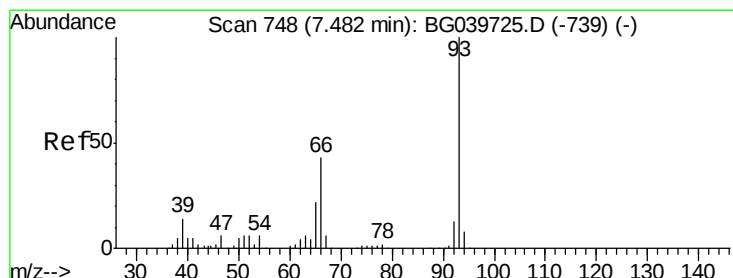
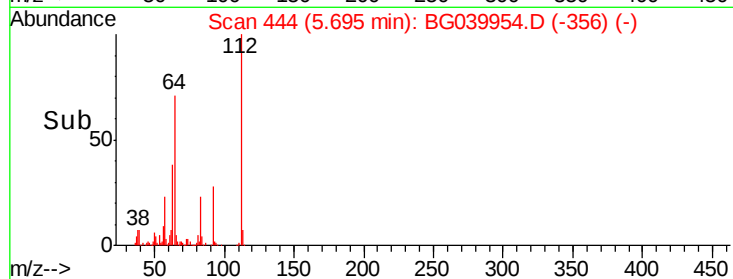
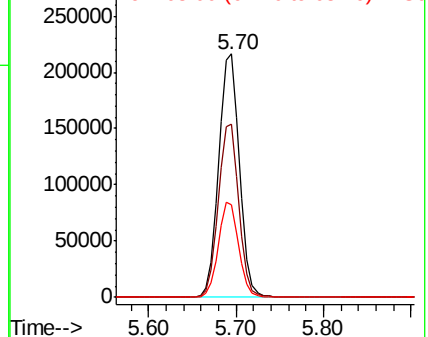
112 100

64 71.3 57.8 86.8

63 37.8 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: 2.475 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.17 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

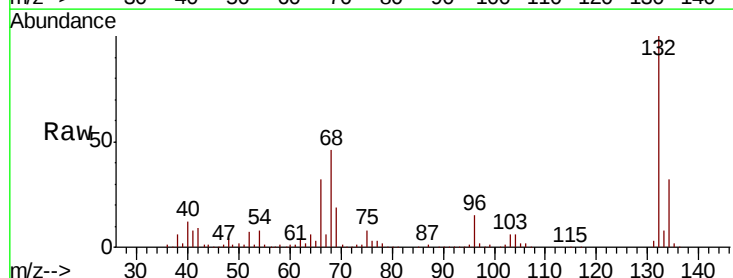
Tgt Ion: 93 Resp: 665

Ion Ratio Lower Upper

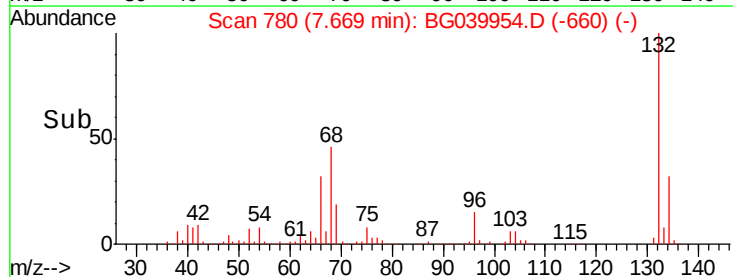
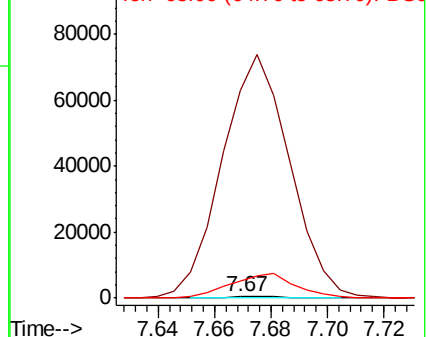
93 100

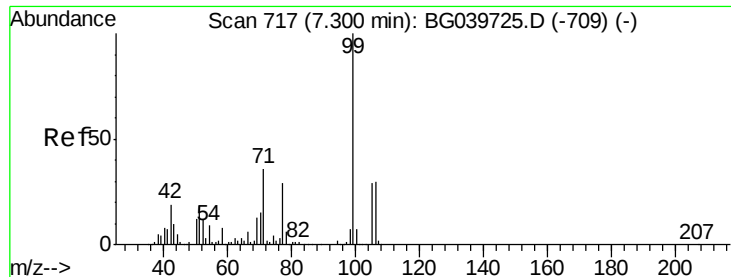
66 13227.8 34.2 51.4#

65 1104.8 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: 2542.342 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampleId :

TP-4

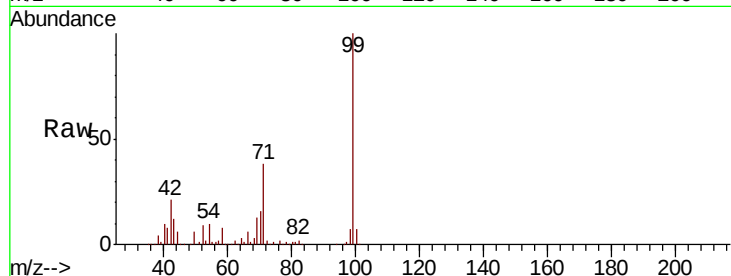
Tgt Ion: 99 Resp: 521285

Ion Ratio Lower Upper

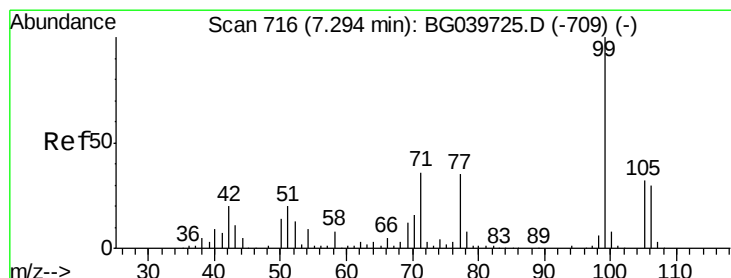
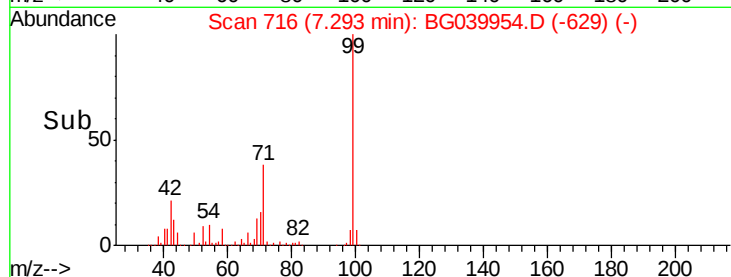
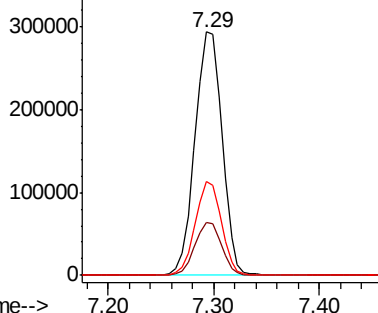
99 100

42 21.5 18.2 27.2

71 38.5 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: 7.682 ng

RT: 7.30 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

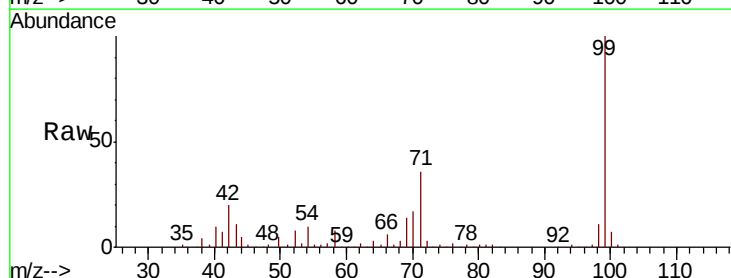
Tgt Ion: 77 Resp: 1016

Ion Ratio Lower Upper

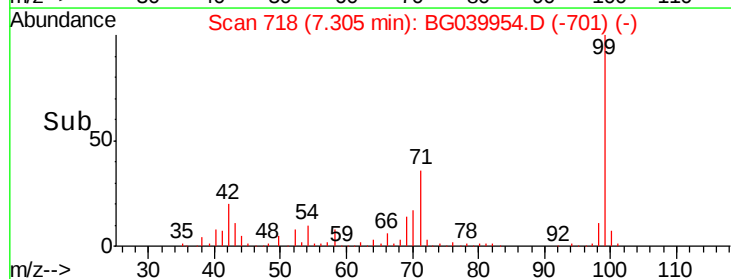
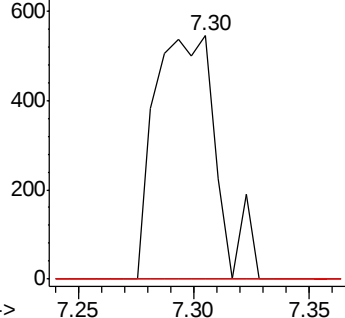
77 100

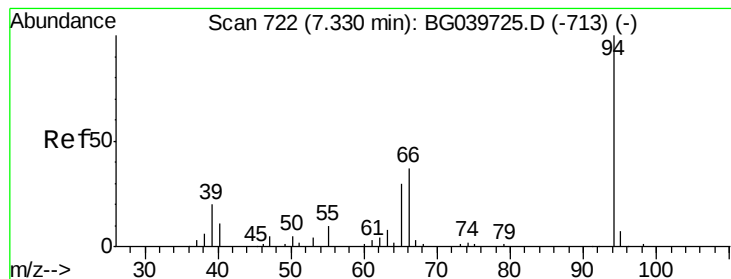
105 0.0 74.5 114.5#

106 0.0 68.0 108.0#



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





#10

Phenol

Concen: 39.275 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampled :

TP-4

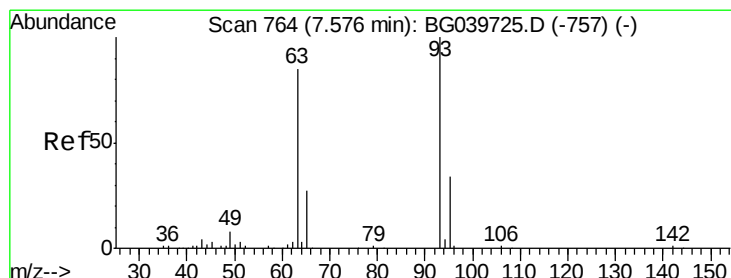
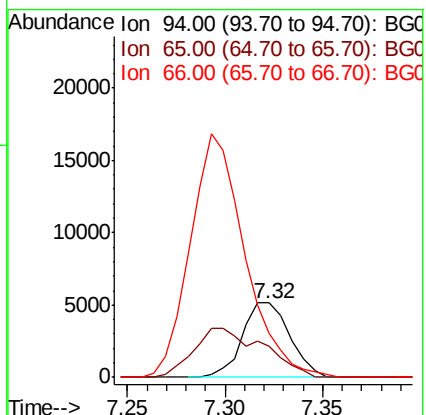
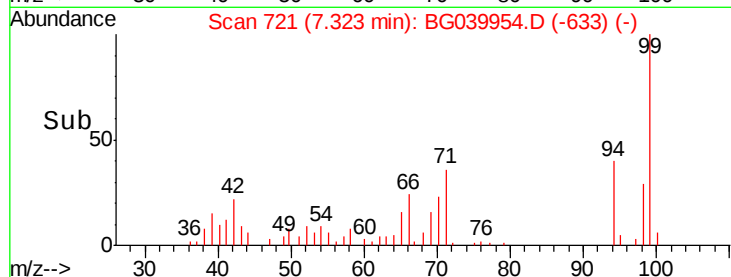
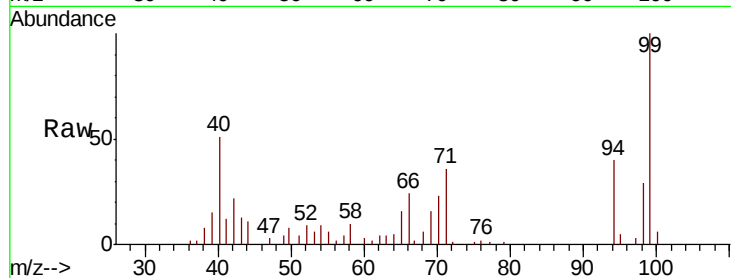
Tgt Ion: 94 Resp: 8724

Ion Ratio Lower Upper

94 100

65 41.0 11.7 51.7

66 59.6 23.7 63.7



#11

bis(2-Chloroethyl)ether

Concen: 3.840 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.09 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

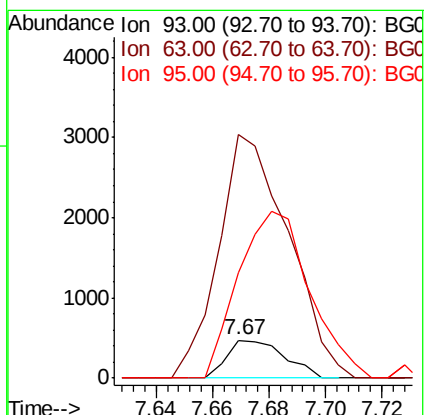
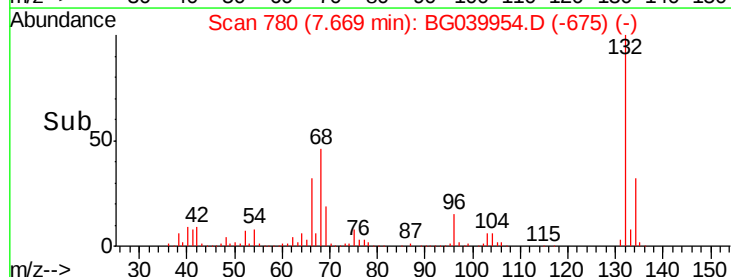
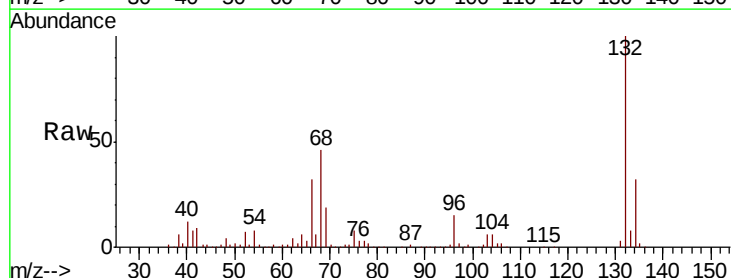
Tgt Ion: 93 Resp: 665

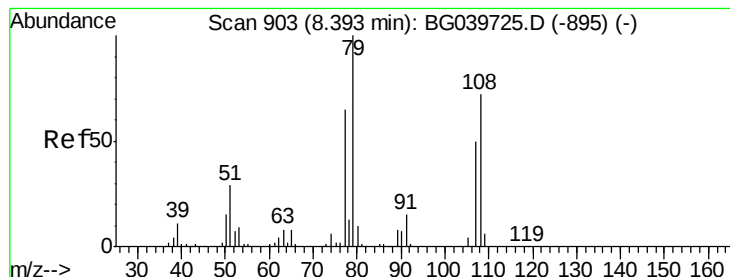
Ion Ratio Lower Upper

93 100

63 639.4 69.5 109.5#

95 277.5 12.7 52.7#





#15

Benzyl Alcohol

Concen: 31.018 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.06 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampled :

TP-4

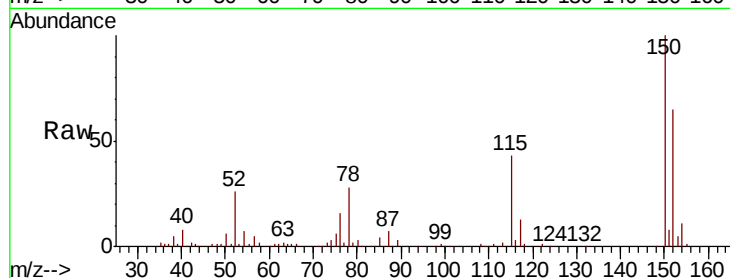
Tgt Ion: 79 Resp: 5045

Ion Ratio Lower Upper

79 100

108 21.3 57.8 86.6#

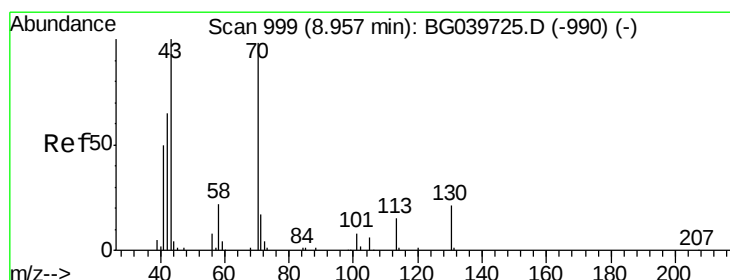
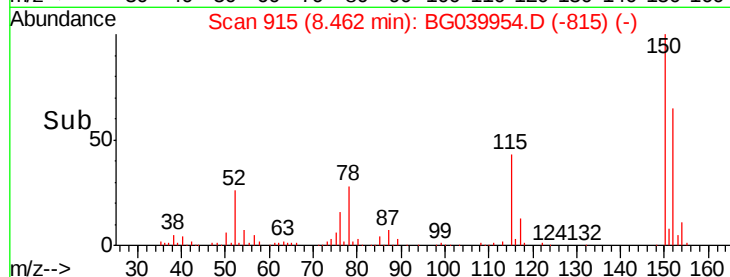
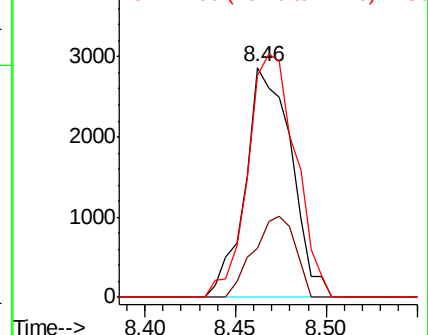
77 96.7 51.1 76.7#



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: 291.610 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Tgt Ion: 70 Resp: 43037

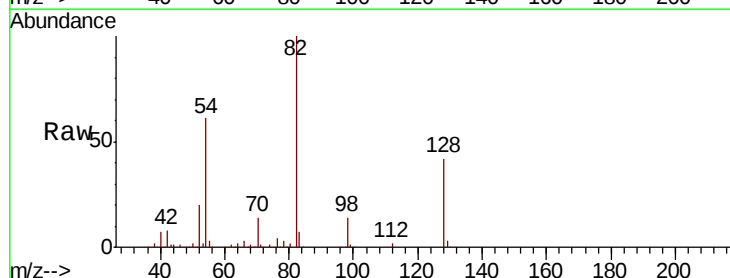
Ion Ratio Lower Upper

70 100

42 56.0 60.4 90.6#

101 0.0 7.5 11.3#

130 2.6 16.9 25.3#

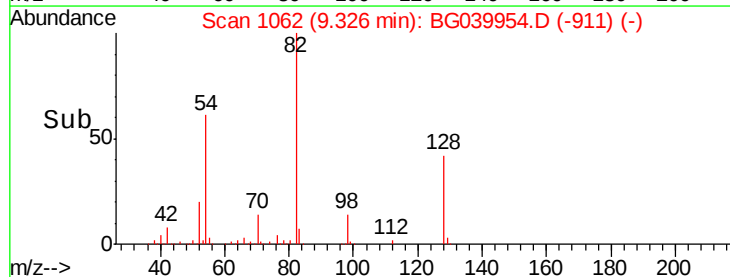
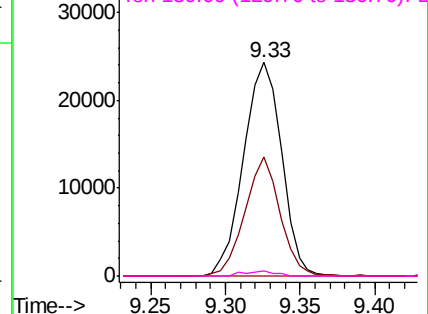


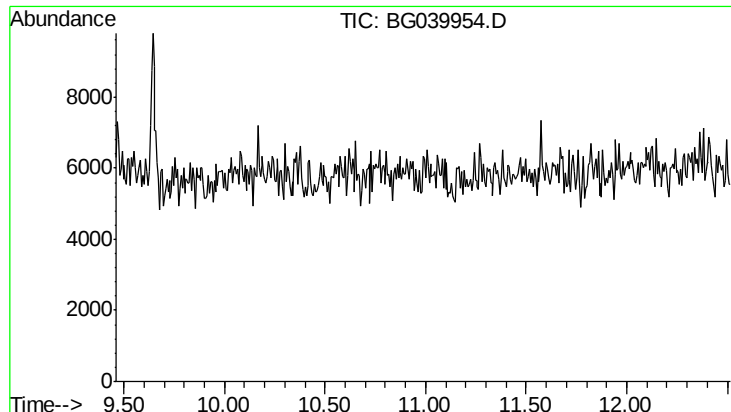
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

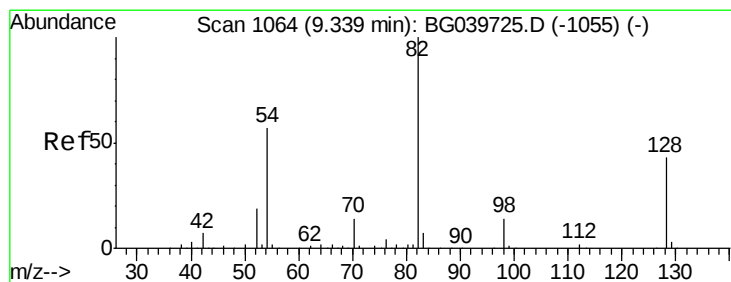
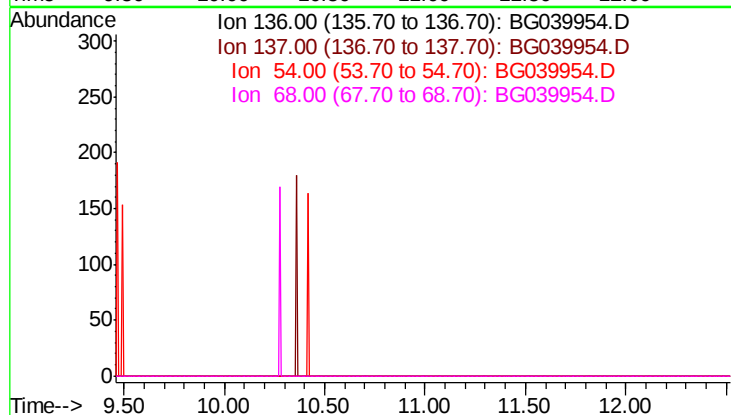




#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.99 min
Lab File: BG039954.D
Acq: 15 Mar 2019 23:28

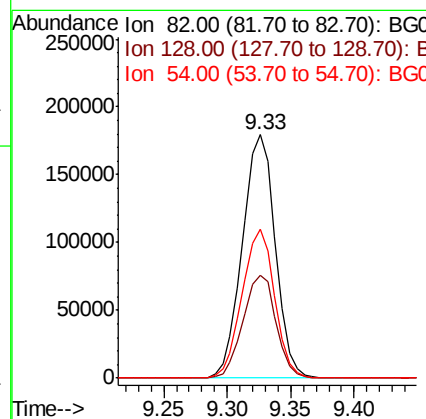
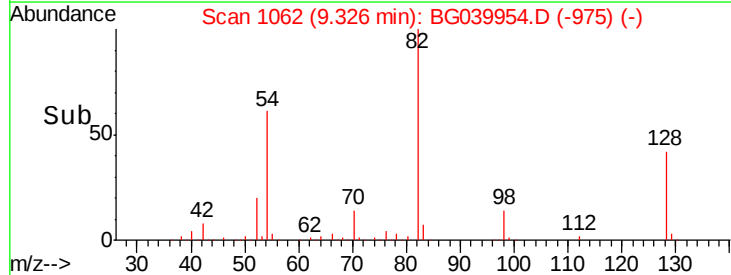
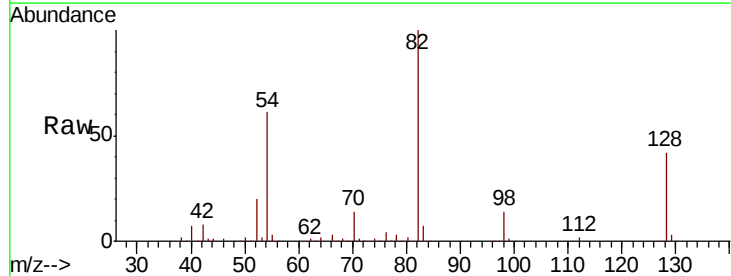
Instrument :
BNA_G
ClientSampleId :
TP-4

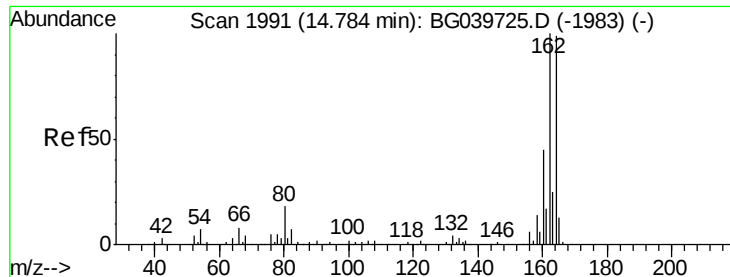
Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.4
54 11.8
68 5.3



#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039954.D
Acq: 15 Mar 2019 23:28

Tgt Ion: 82 Resp: 324106
Ion Ratio Lower Upper
82 100
128 42.2 31.3 46.9
54 61.1 50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.05 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampleId :

TP-4

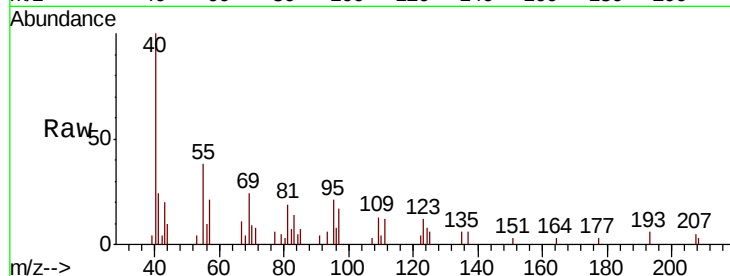
Tgt Ion:164 Resp: 59

Ion Ratio Lower Upper

164 100

162 0.0 81.6 122.4#

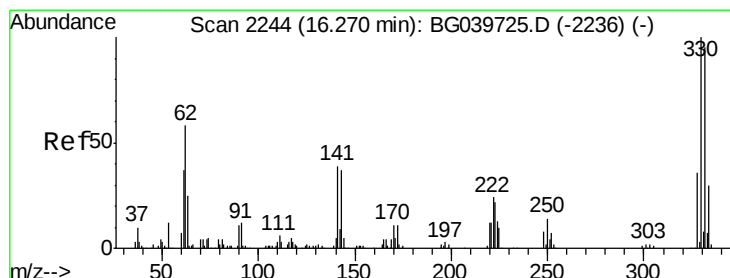
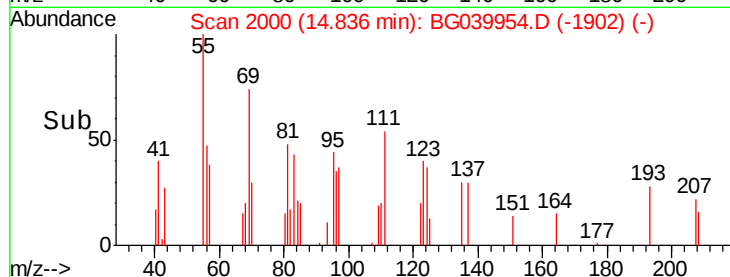
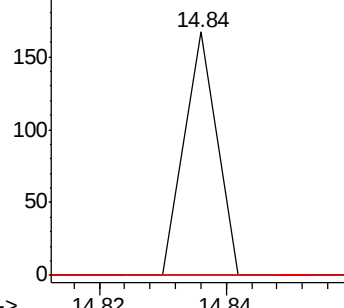
160 0.0 34.2 51.2#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 271335.047 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

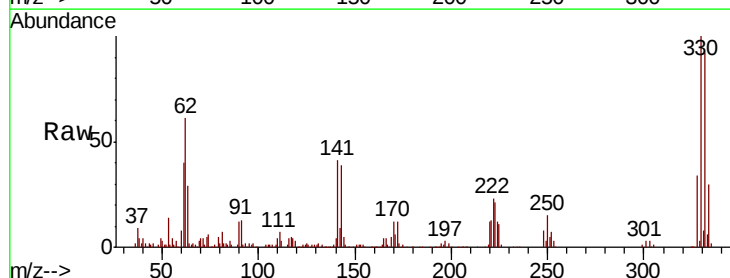
Tgt Ion:330 Resp: 186594

Ion Ratio Lower Upper

330 100

332 93.1 75.7 113.5

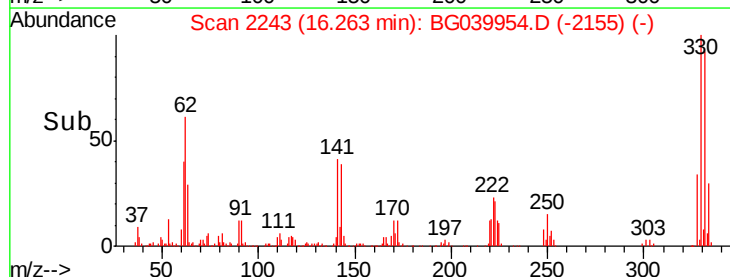
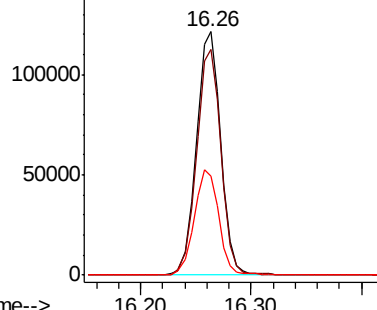
141 43.5 35.6 53.4

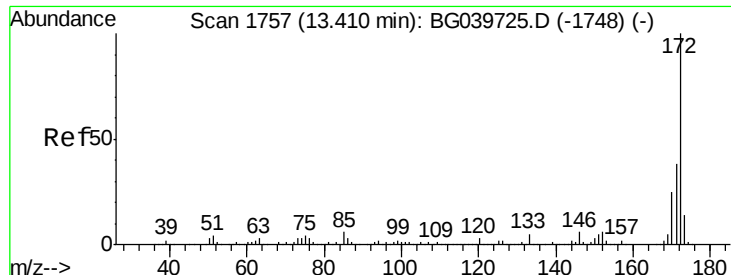


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

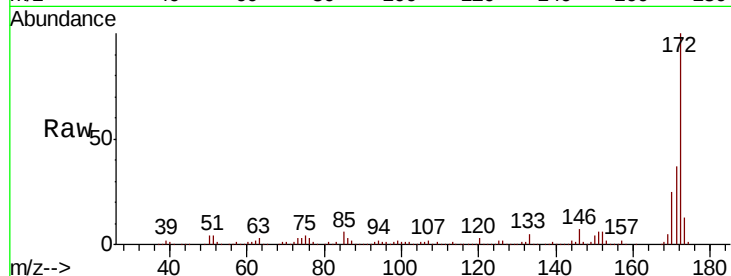




#45
 2-Fluorobiphenyl
 Concen: 170091.896 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039954.D
 Acq: 15 Mar 2019 23:28

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	25.1	20.2	30.4

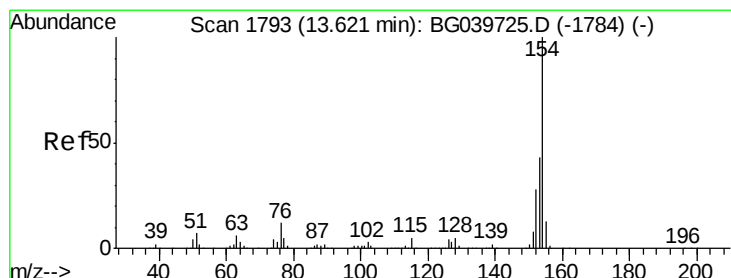
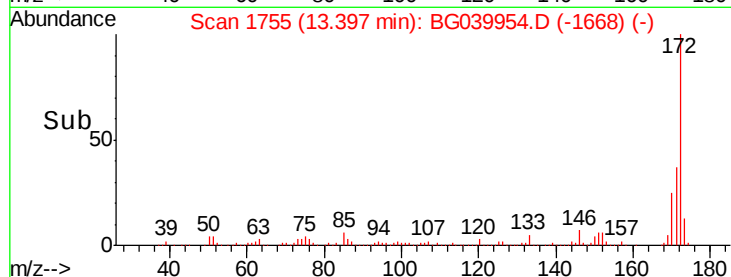
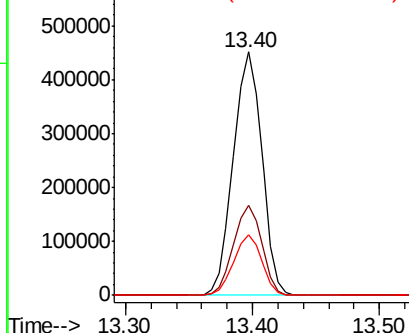


Abundance

Ion 172.00 (171.70 to 172.70): E

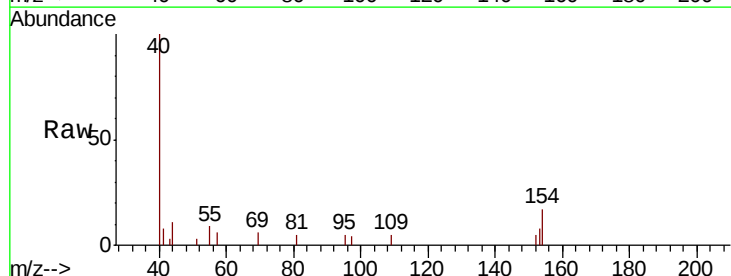
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 222.764 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG039954.D
 Acq: 15 Mar 2019 23:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	47.1	22.1	62.1
76	0.0	0.0	32.4

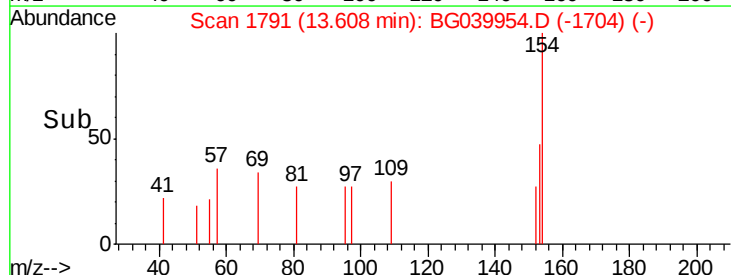
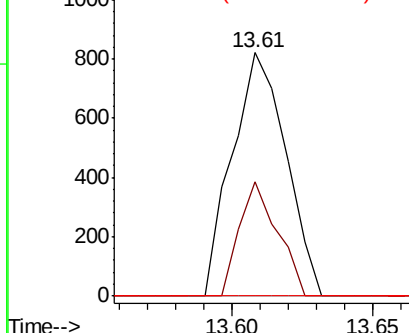


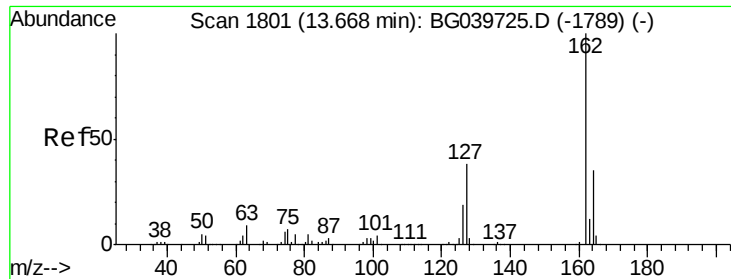
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 25.201 ng

RT: 14.20 min Scan# 1892

Delta R.T. 0.53 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampled :

TP-4

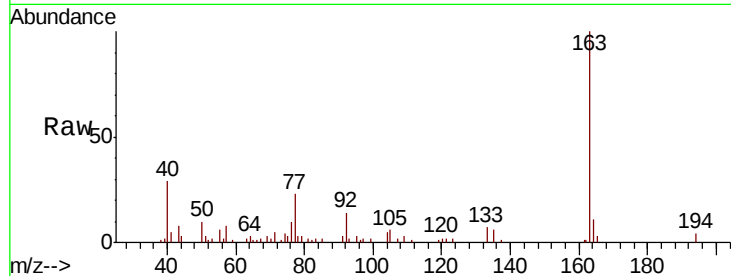
Tgt Ion: 162 Resp: 92

Ion Ratio Lower Upper

162 100

127 0.0 31.0 46.6#

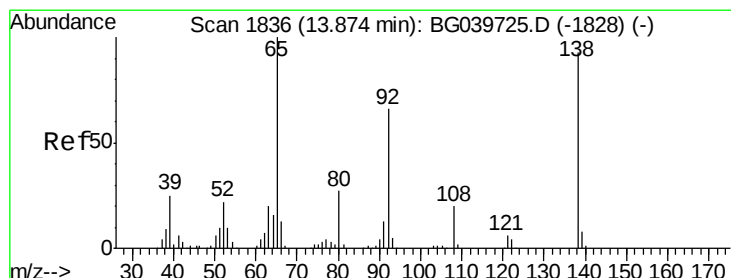
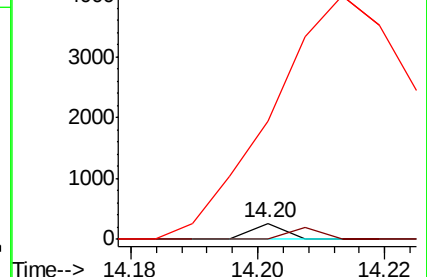
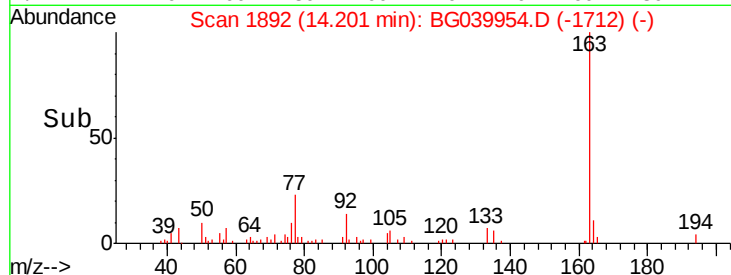
164 751.2 25.7 38.5#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 46.028 ng

RT: 14.06 min Scan# 1868

Delta R.T. 0.18 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

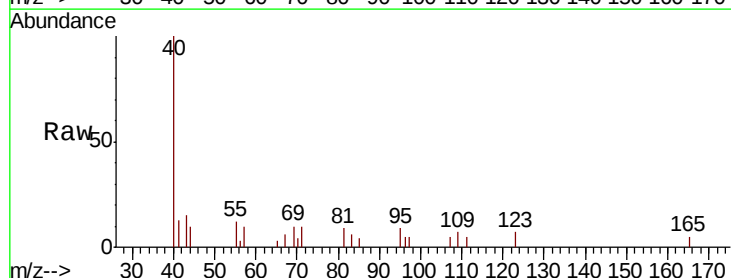
Tgt Ion: 65 Resp: 54

Ion Ratio Lower Upper

65 100

92 0.0 51.4 77.2#

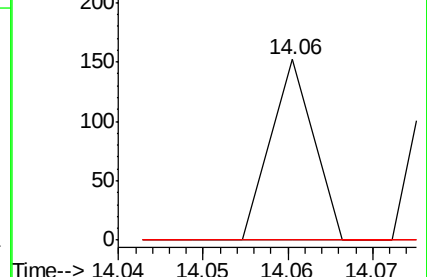
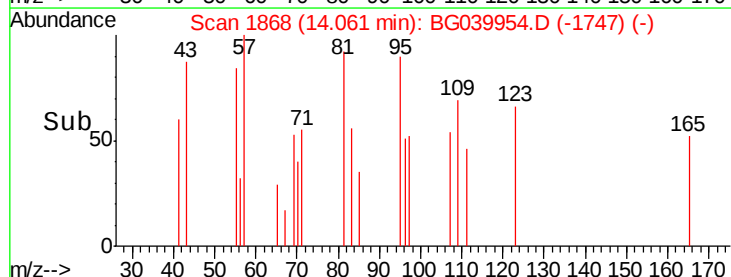
138 0.0 71.4 107.2#

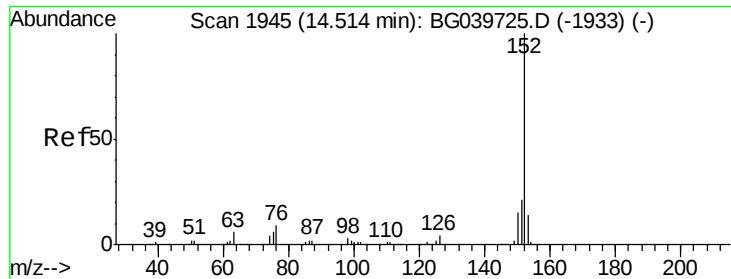


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 10.512 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.05 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampleId :

TP-4

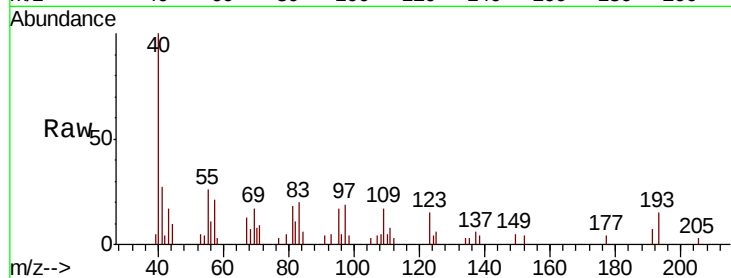
Tgt Ion:152 Resp: 63

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

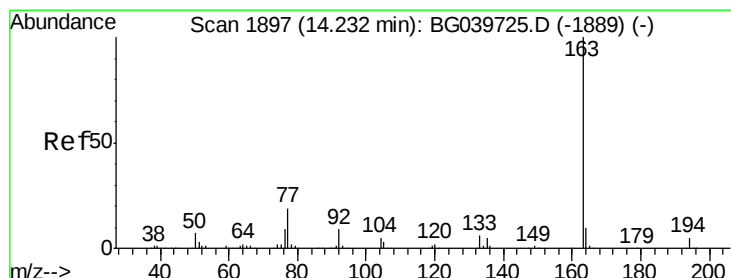
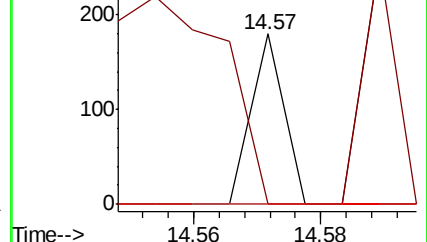
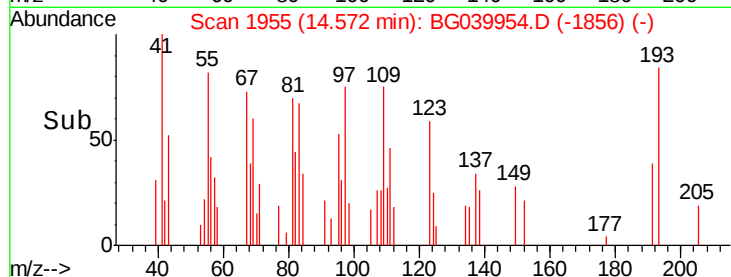
153 0.0 11.7 17.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 13160.166 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.03 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

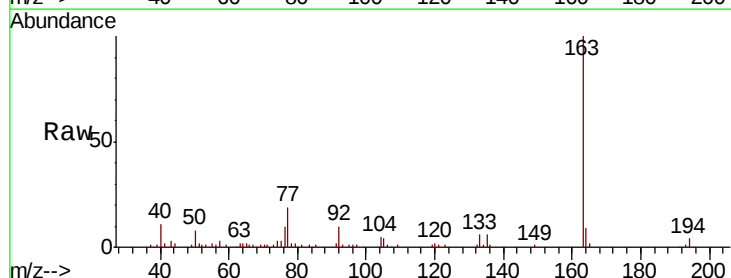
Tgt Ion:163 Resp: 64926

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

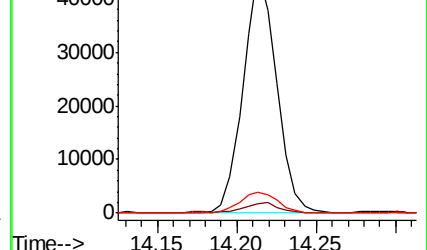
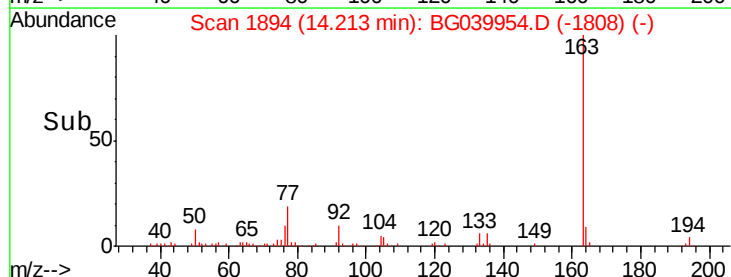
164 8.8 8.4 12.6

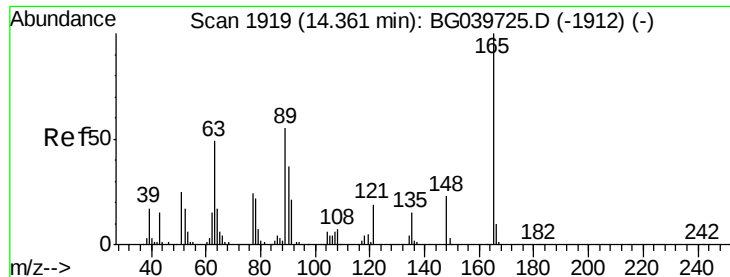


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

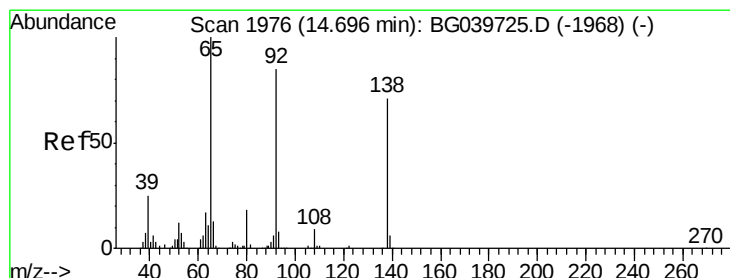
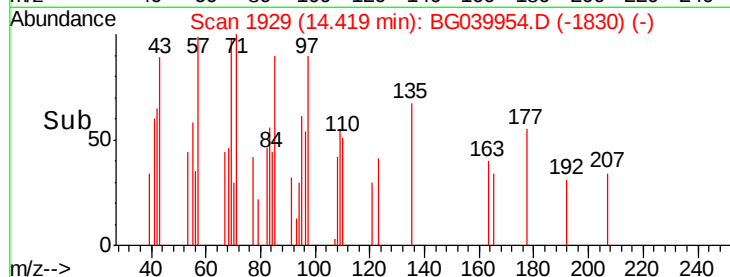
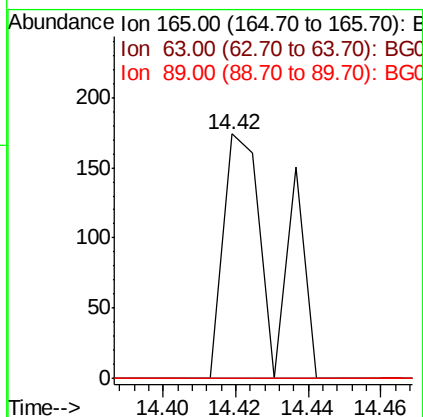
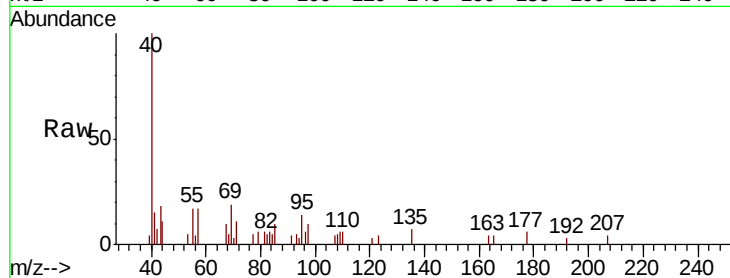




#51
 2,6-Dinitrotoluene
 Concen: 163.498 ng
 RT: 14.42 min Scan# 1929
 Delta R.T. 0.05 min
 Lab File: BG039954.D
 Acq: 15 Mar 2019 23:28

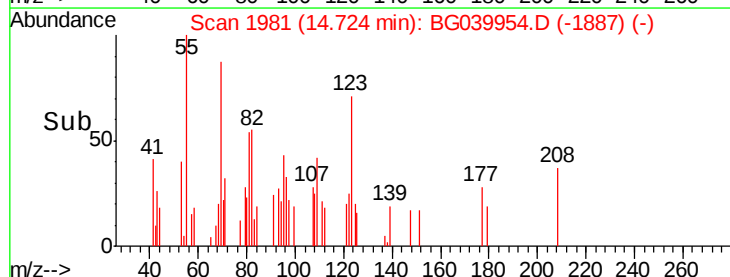
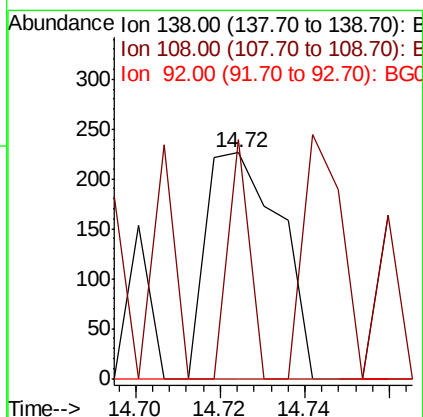
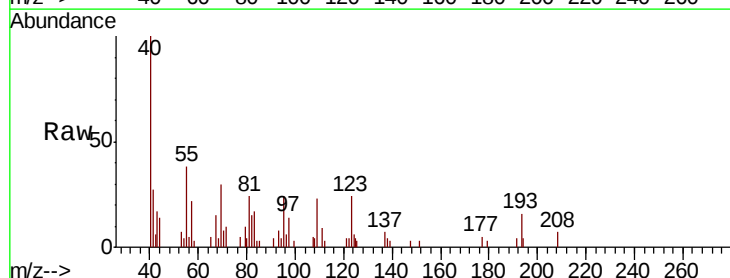
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

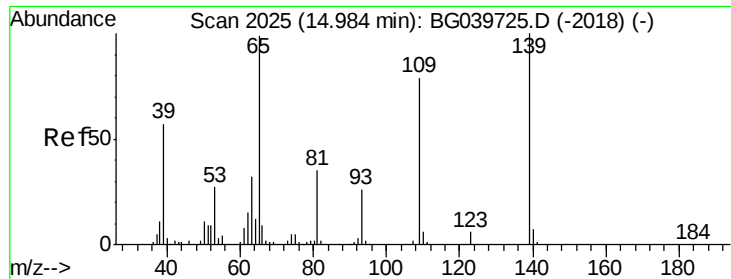
Tgt Ion:165 Resp: 171
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 0.0 45.8 68.8#



#53
 3-Nitroaniline
 Concen: 261.572 ng
 RT: 14.72 min Scan# 1981
 Delta R.T. 0.02 min
 Lab File: BG039954.D
 Acq: 15 Mar 2019 23:28

Tgt Ion:138 Resp: 275
 Ion Ratio Lower Upper
 138 100
 108 106.2 13.8 20.8#
 92 0.0 103.7 155.5#





#56

4-Nitrophenol

Concen: 87.188 ng

RT: 15.05 min Scan# 2037

Delta R.T. 0.06 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

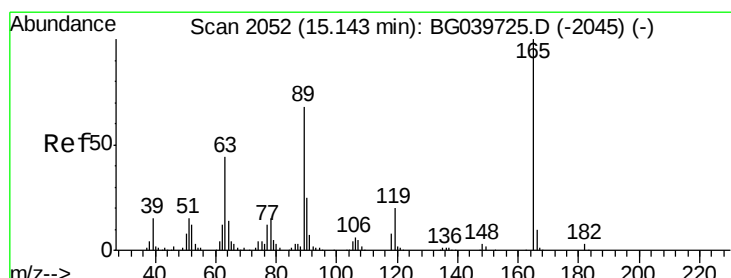
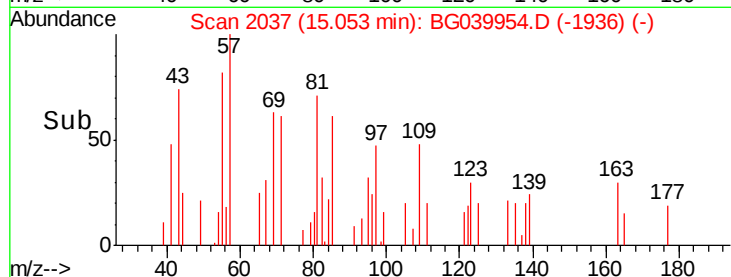
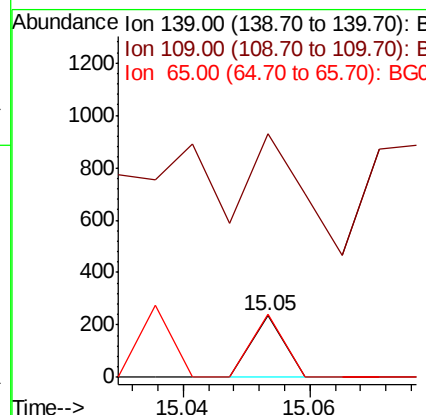
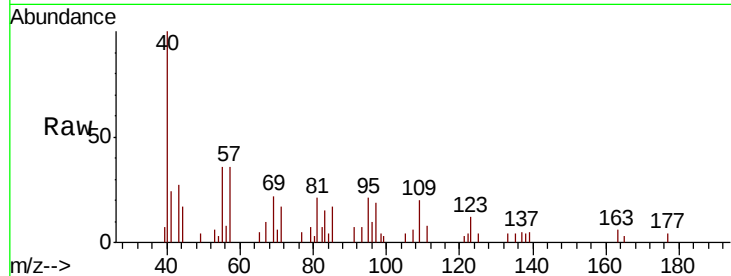
BNA_G

ClientSampleId :

TP-4

Tgt Ion:139 Resp: 82

Ion	Ratio	Lower	Upper
139	100		
109	397.0	61.9	101.9#
65	103.8	99.1	139.1



#57

2,4-Dinitrotoluene

Concen: 100.028 ng

RT: 15.21 min Scan# 2064

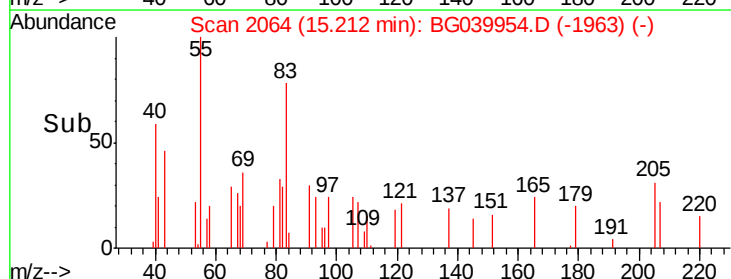
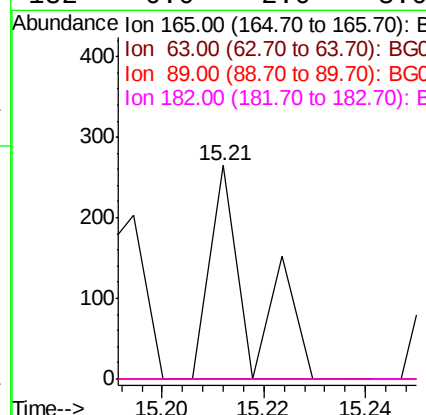
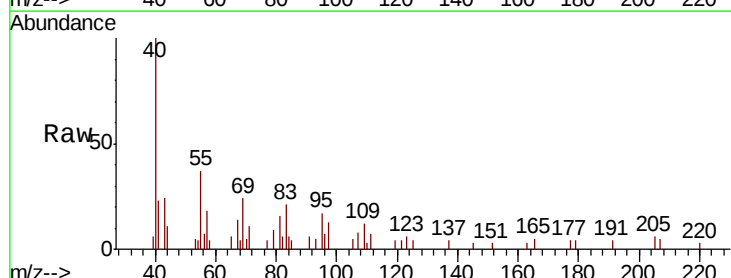
Delta R.T. 0.06 min

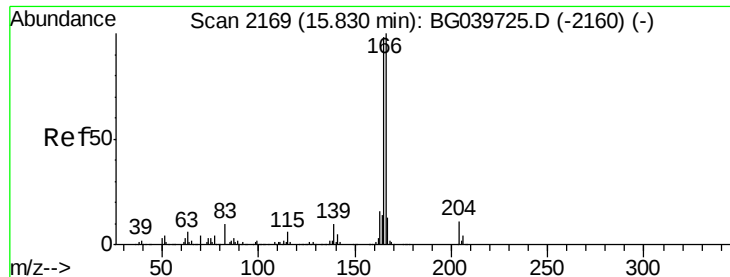
Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Tgt Ion:165 Resp: 147

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





#58

Fluorene

Concen: 1824.484 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.43 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampleId :

TP-4

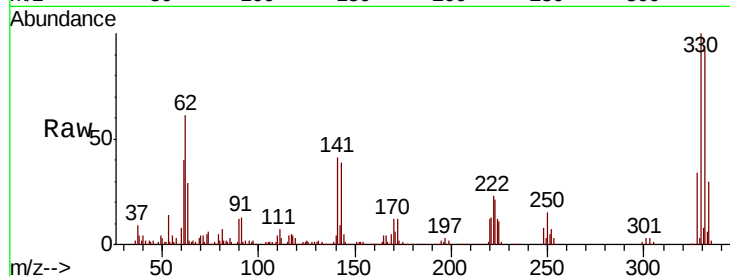
Tgt Ion:166 Resp: 8488

Ion Ratio Lower Upper

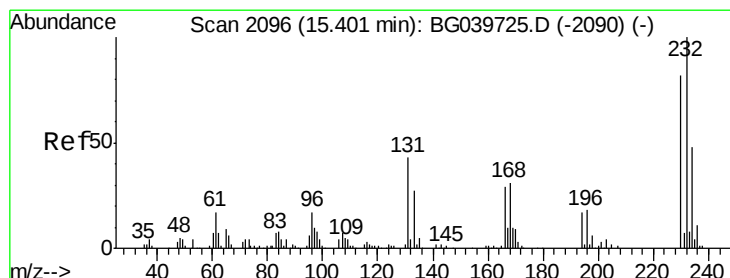
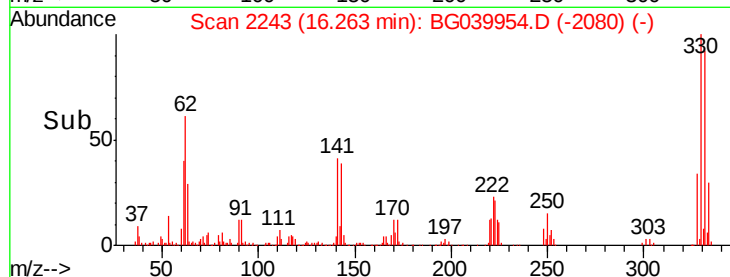
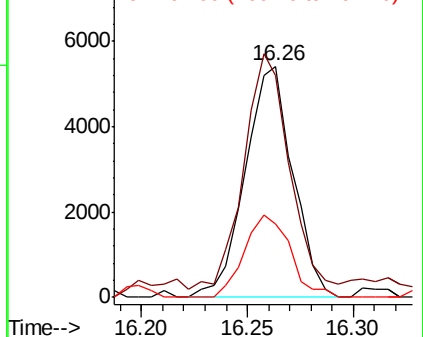
166 100

165 96.3 77.9 116.9

167 31.5 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: 55.893 ng

RT: 15.66 min Scan# 2141

Delta R.T. 0.26 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Tgt Ion:232 Resp: 72

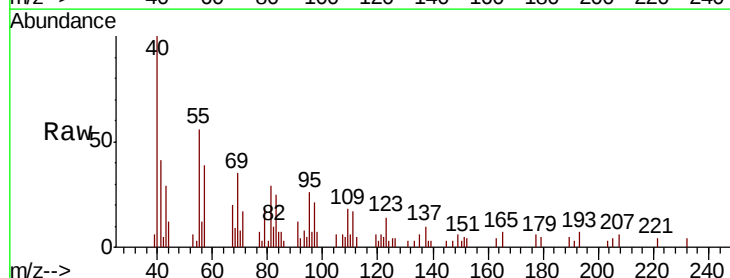
Ion Ratio Lower Upper

232 100

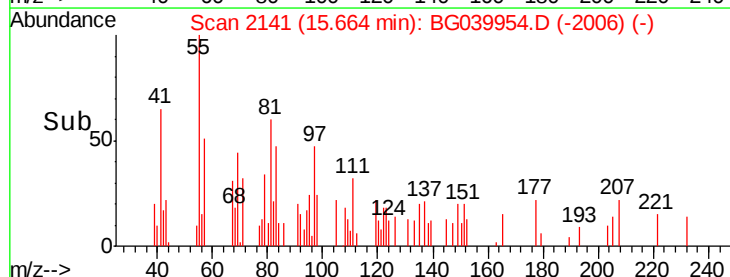
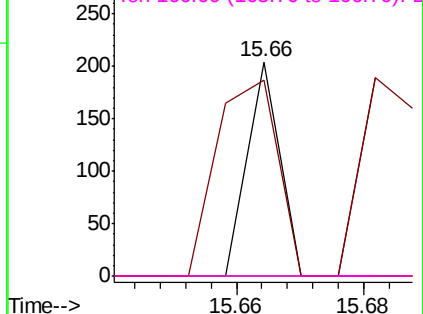
131 172.2 34.9 52.3#

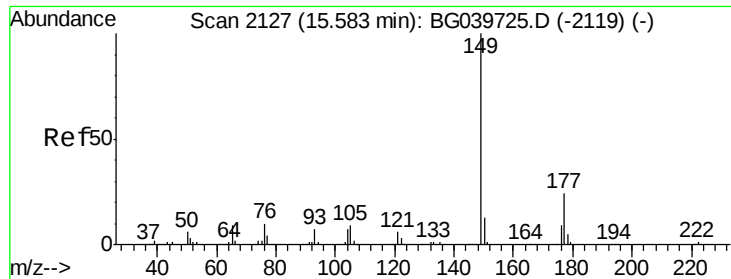
130 0.0 2.0 3.0#

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: 144.763 ng

RT: 15.62 min Scan# 2134

Delta R.T. 0.03 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

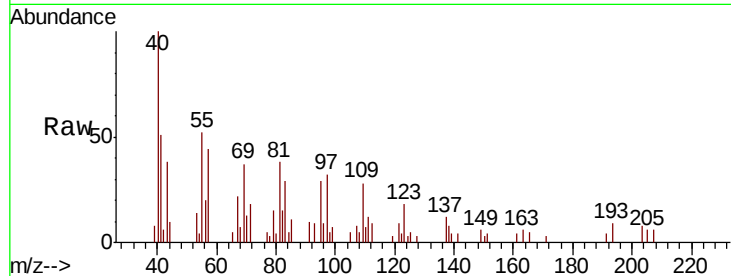
Instrument :

BNA_G

ClientSampleId :

TP-4

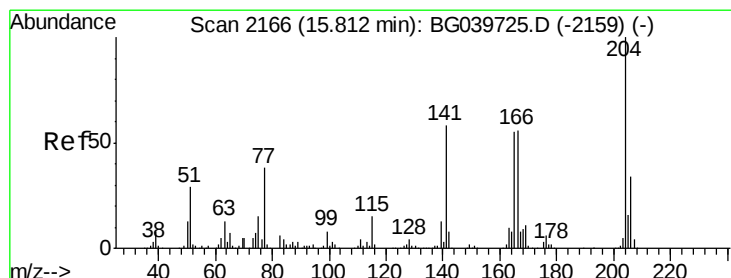
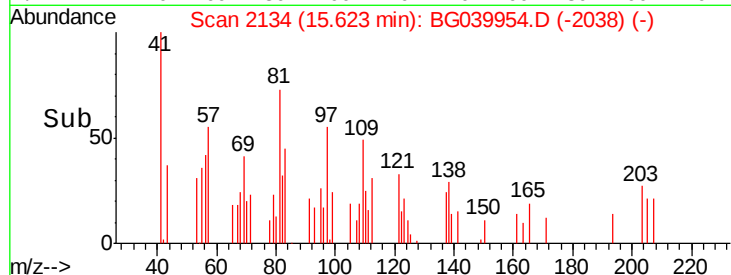
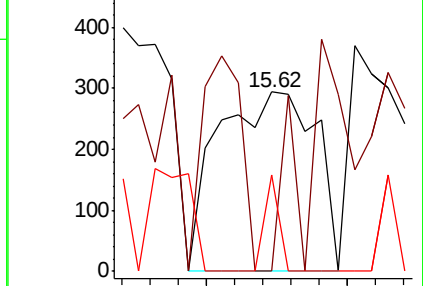
Tgt Ion:	149	Resp:	707
Ion Ratio	Lower	Upper	
149	100		
177	0.0	18.3	27.5#
150	54.1	10.2	15.2#



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



#61

4-Chlorophenyl-phenylether

Concen: 26.585 ng

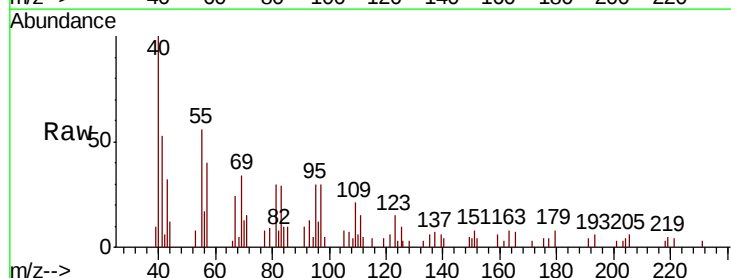
RT: 15.85 min Scan# 2173

Delta R.T. 0.03 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

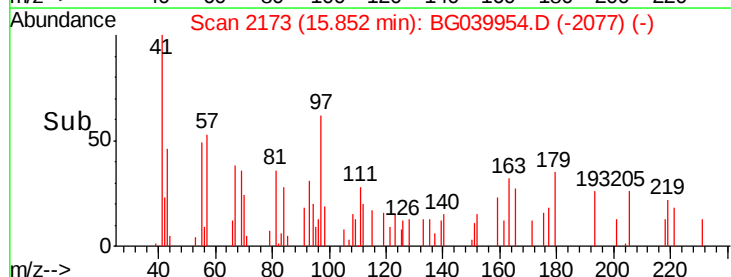
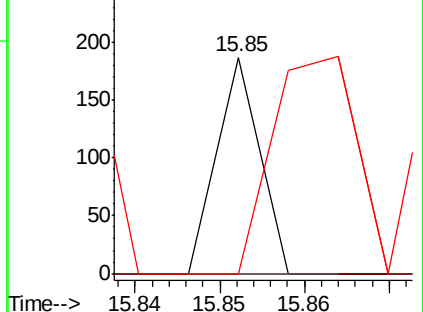
Tgt Ion:	204	Resp:	66
Ion Ratio	Lower	Upper	
204	100		
206	0.0	29.2	43.8#
141	0.0	49.0	73.4#

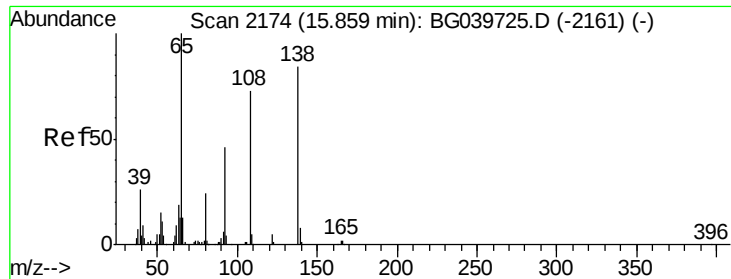


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

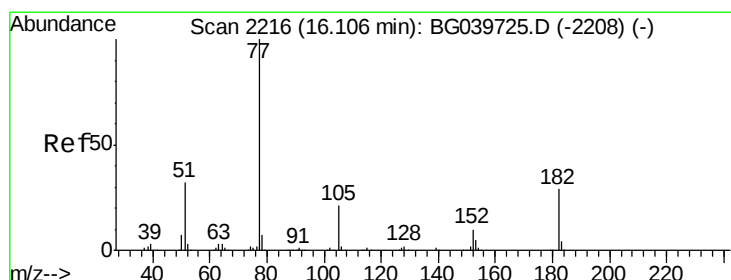
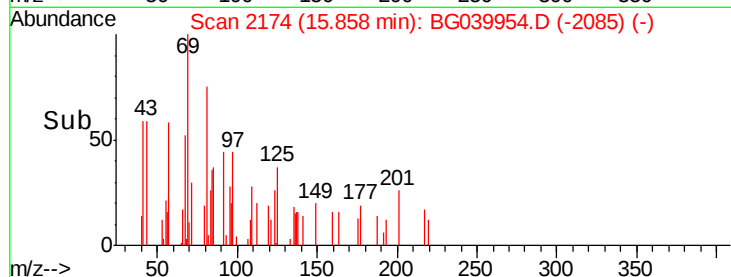
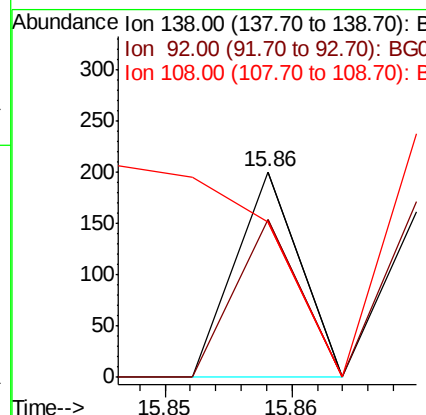
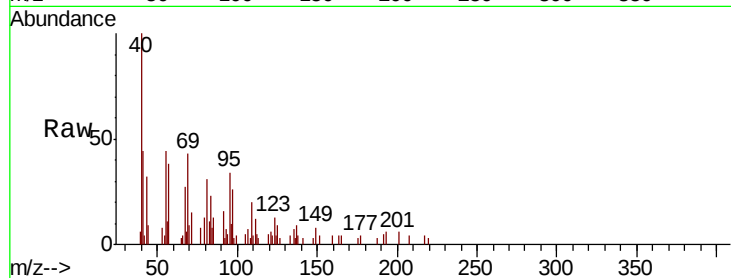




#62
4-Nitroaniline
Concen: 62.293 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039954.D
Acq: 15 Mar 2019 23:28

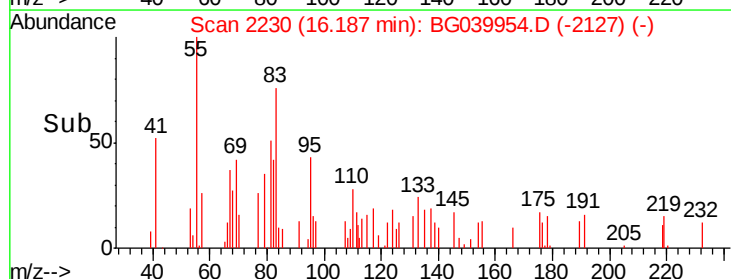
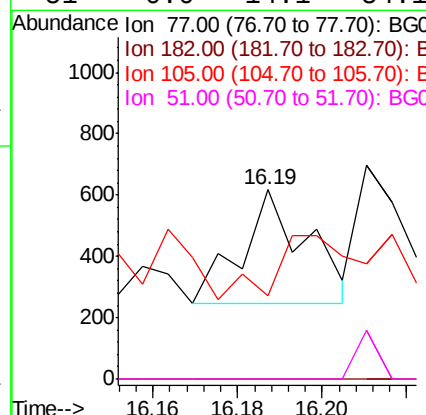
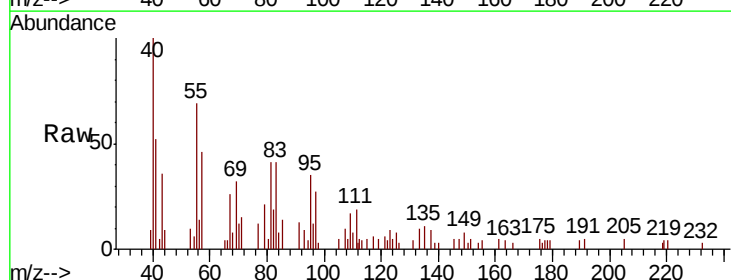
Instrument :
BNA_G
ClientSampleId :
TP-4

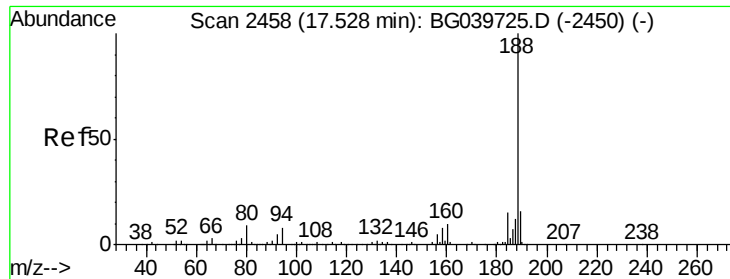
Tgt Ion:138 Resp: 71
Ion Ratio Lower Upper
138 100
92 77.0 38.7 78.7
108 75.5 74.6 114.6



#63
Azobenzene
Concen: 90.805 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.07 min
Lab File: BG039954.D
Acq: 15 Mar 2019 23:28

Tgt Ion: 77 Resp: 402
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 44.2 0.0 39.8#
51 0.0 14.1 54.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2485

Delta R.T. 0.15 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampleId :

TP-4

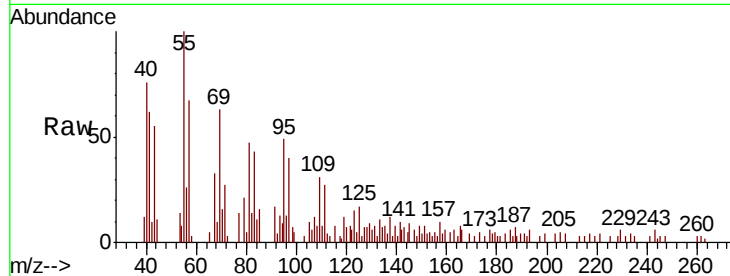
Tgt Ion:188 Resp: 173

Ion Ratio Lower Upper

188 100

94 319.9 6.9 10.3#

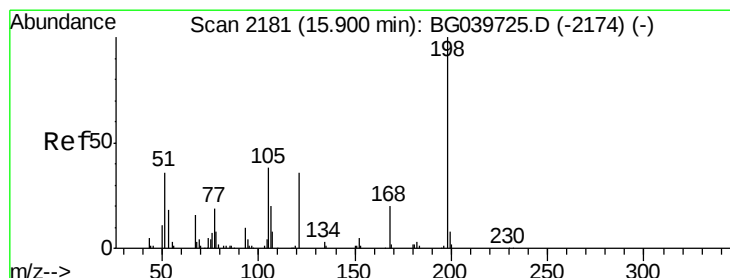
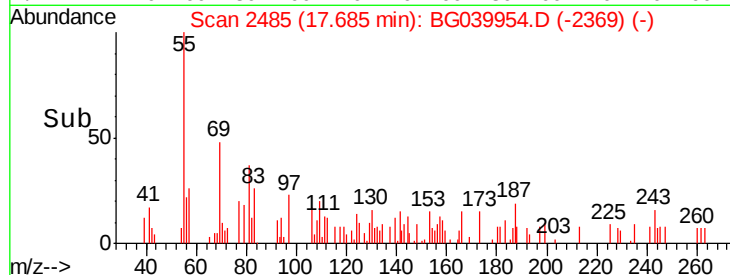
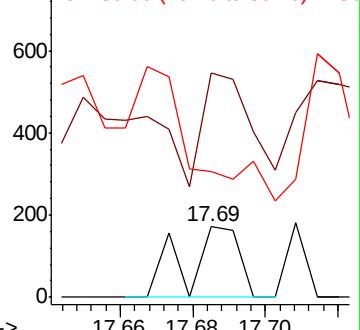
80 178.4 8.1 12.1#



Abundance Ion 188.00 (187.70 to 188.70): E

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: 784.051 ng

RT: 16.26 min Scan# 2243

Delta R.T. 0.36 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

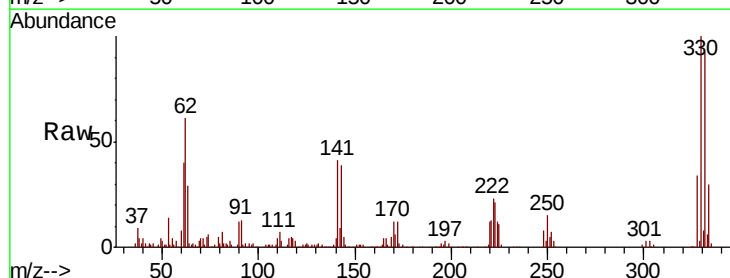
Tgt Ion:198 Resp: 802

Ion Ratio Lower Upper

198 100

51 118.4 27.4 67.4#

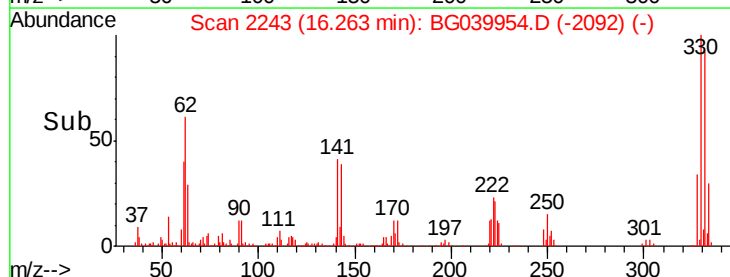
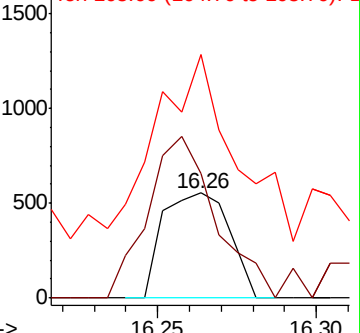
105 232.4 19.7 59.7#

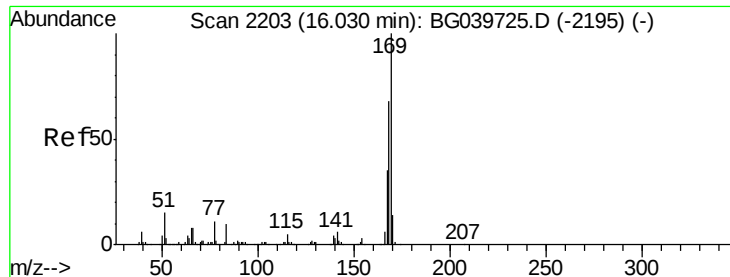


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

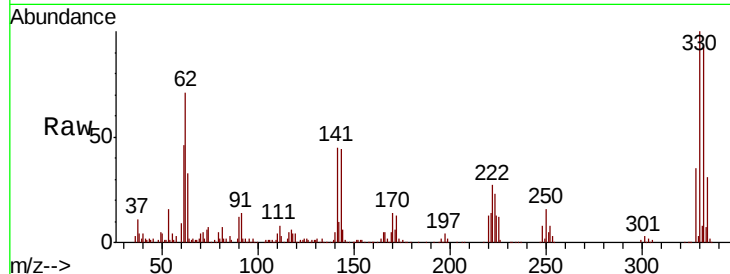




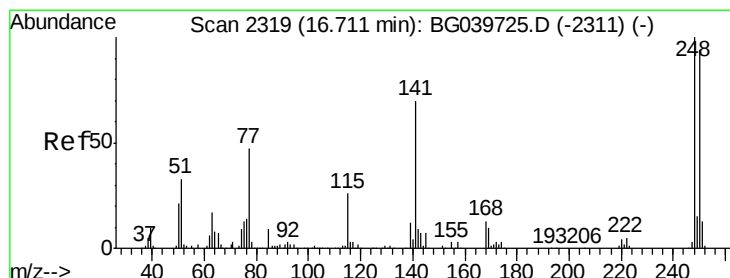
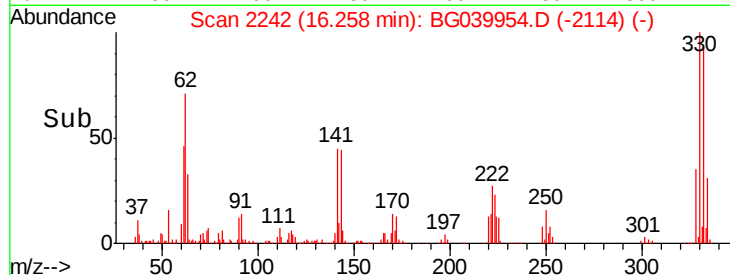
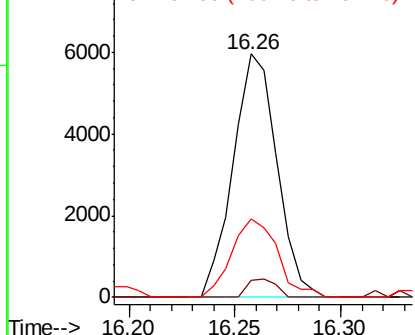
#66
 n-Nitrosodiphenylamine
 Concen: 1708.333 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. 0.22 min
 Lab File: BG039954.D
 Acq: 15 Mar 2019 23:28

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:169 Resp: 8556
 Ion Ratio Lower Upper
 169 100
 168 7.2 56.6 85.0#
 167 32.2 28.8 43.2

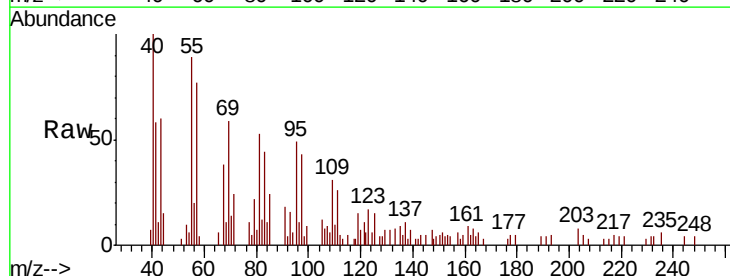


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

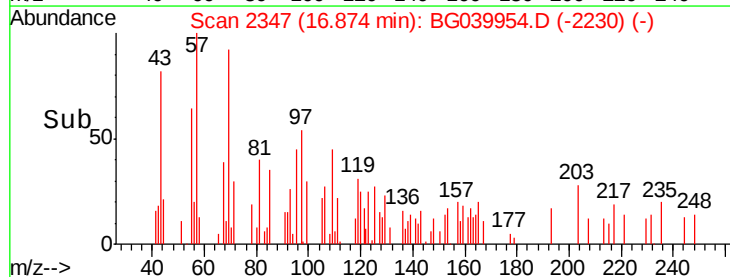
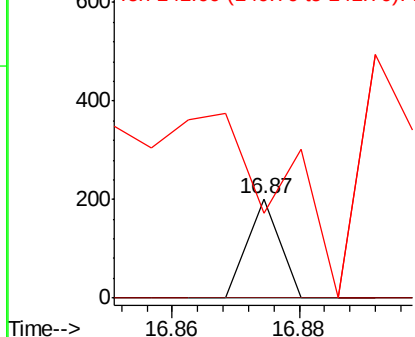


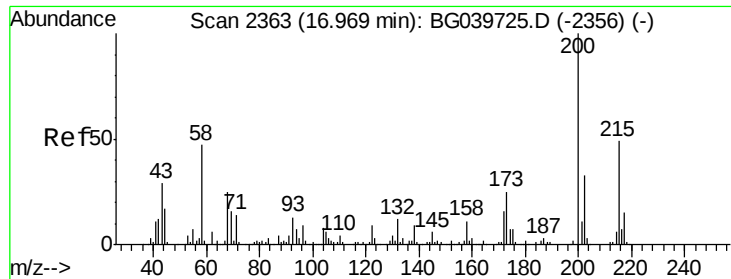
#67
 4-Bromophenyl-phenylether
 Concen: 36.665 ng
 RT: 16.87 min Scan# 2347
 Delta R.T. 0.16 min
 Lab File: BG039954.D
 Acq: 15 Mar 2019 23:28

Tgt Ion:248 Resp: 71
 Ion Ratio Lower Upper
 248 100
 250 0.0 77.6 116.4#
 141 85.1 63.9 95.9



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





#69

Atrazine

Concen: 27.903 ng

RT: 17.13 min Scan# 2390

Delta R.T. 0.16 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampled :

TP-4

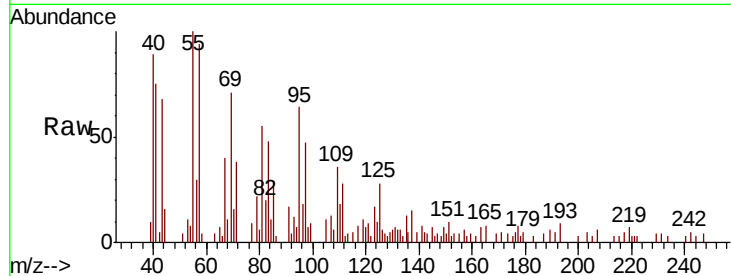
Tgt Ion:200 Resp: 55

Ion Ratio Lower Upper

200 100

173 156.8 3.9 43.9#

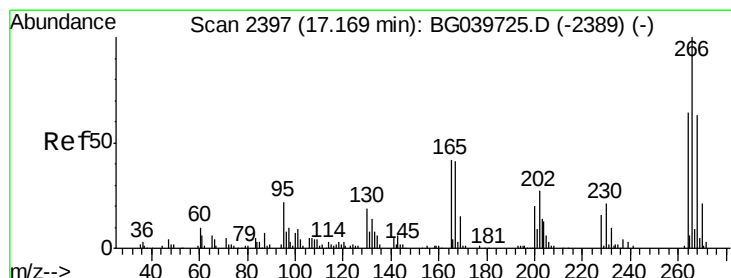
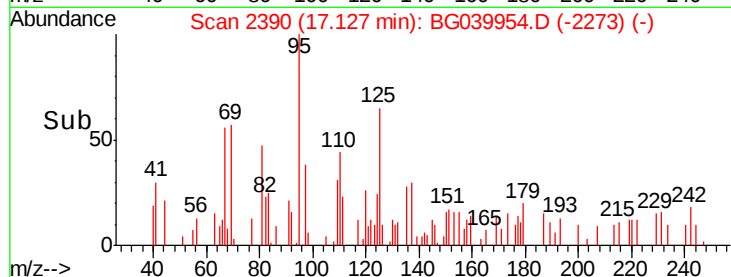
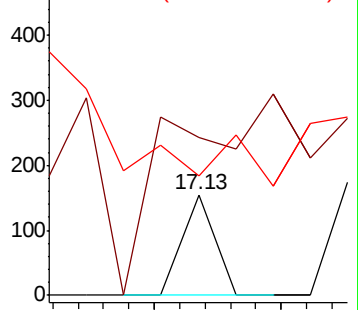
215 118.7 30.9 70.9#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 44.175 ng

RT: 17.26 min Scan# 2413

Delta R.T. 0.09 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

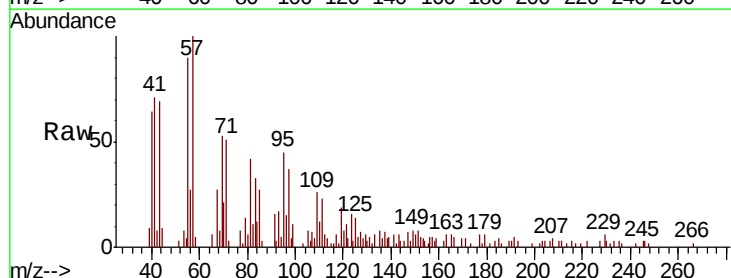
Tgt Ion:266 Resp: 56

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

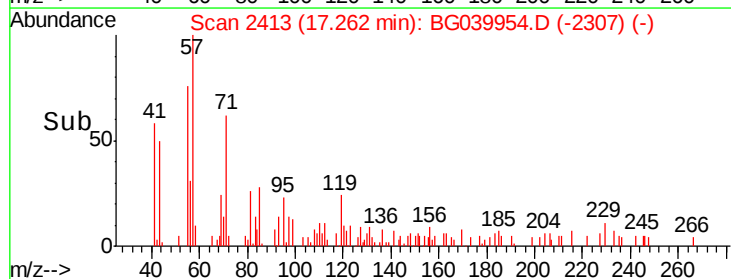
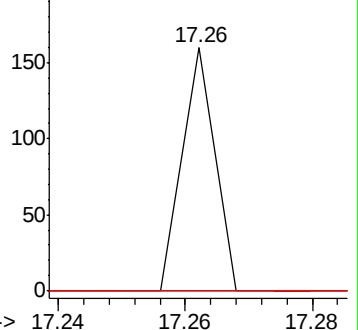
264 0.0 52.1 78.1#

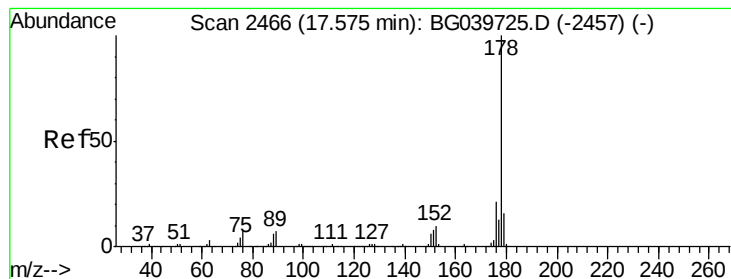


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 5.247 ng

RT: 17.72 min Scan# 2491

Delta R.T. 0.15 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampleId :

TP-4

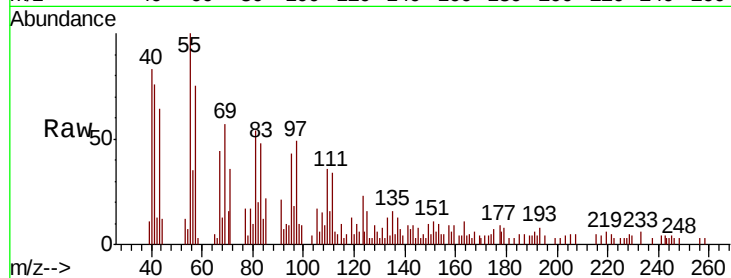
Tgt Ion:178 Resp: 50

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

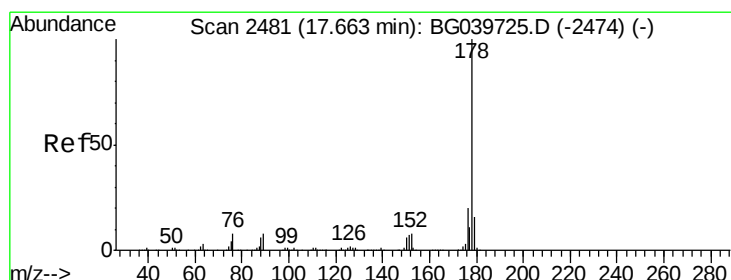
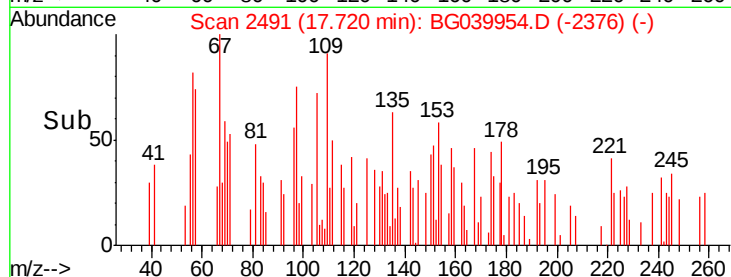
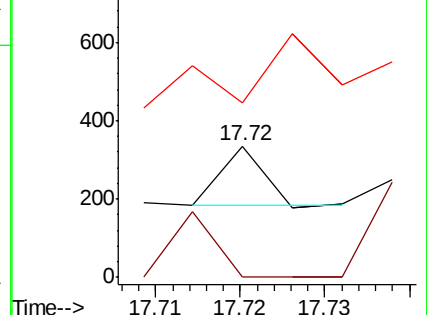
179 132.8 12.6 19.0#



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: 26.599 ng

RT: 17.83 min Scan# 2509

Delta R.T. 0.16 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

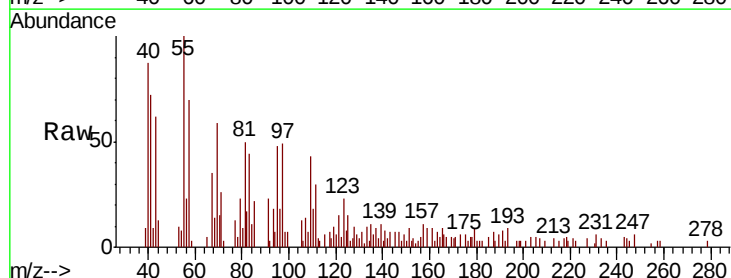
Tgt Ion:178 Resp: 247

Ion Ratio Lower Upper

178 100

176 61.9 15.8 23.6#

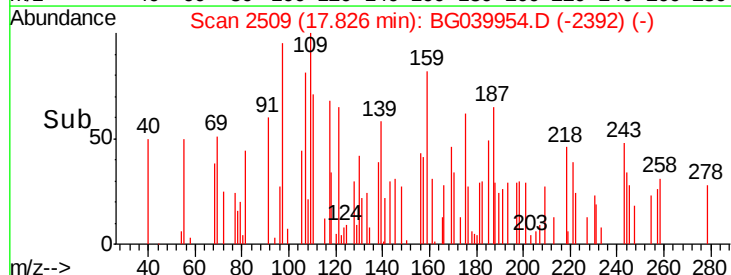
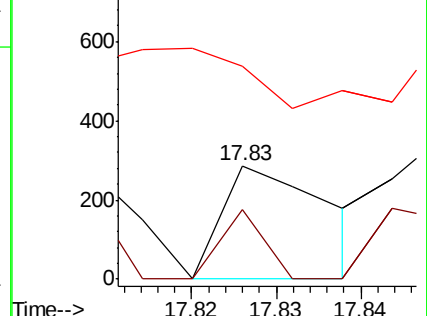
179 188.5 12.5 18.7#

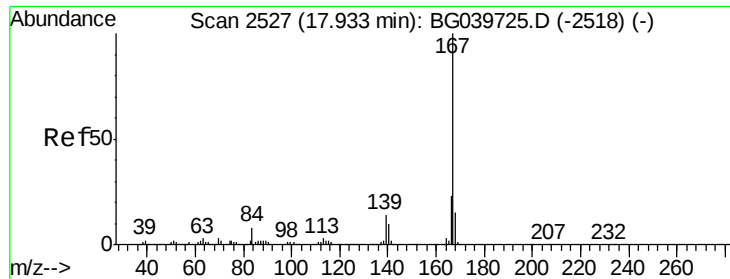


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 16.365 ng

RT: 18.08 min Scan# 2553

Delta R.T. 0.15 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampleId :

TP-4

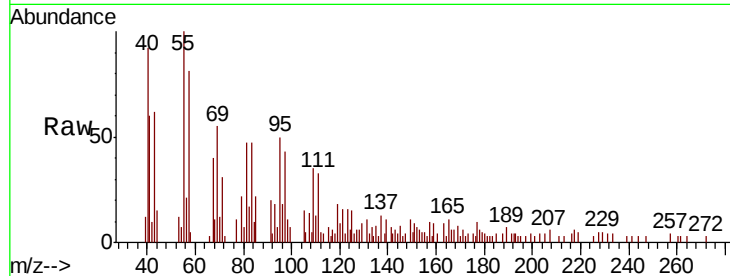
Tgt Ion:167 Resp: 137

Ion Ratio Lower Upper

167 100

166 112.5 19.4 29.2#

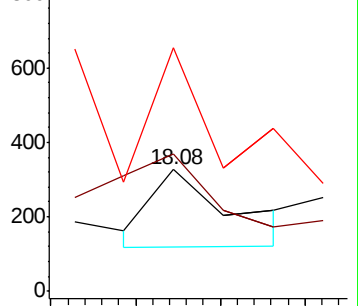
139 200.0 10.8 16.2#



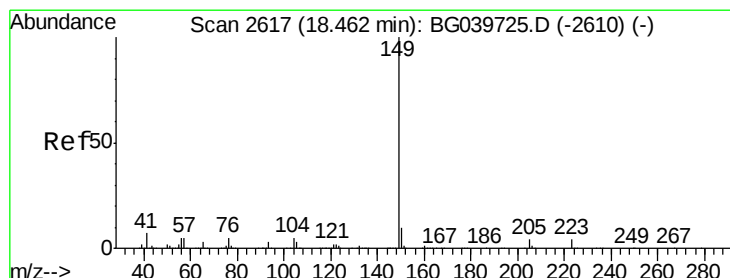
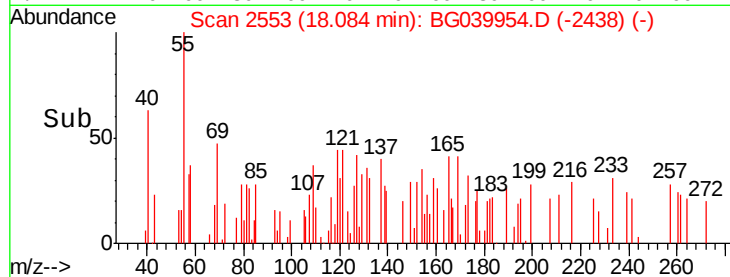
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 18.07 18.08 18.09 18.10



#74

Di-n-butylphthalate

Concen: 43.149 ng

RT: 18.63 min Scan# 2646

Delta R.T. 0.16 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

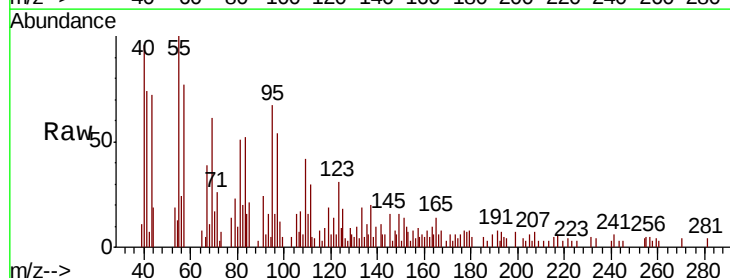
Tgt Ion:149 Resp: 425

Ion Ratio Lower Upper

149 100

150 18.3 7.7 11.5#

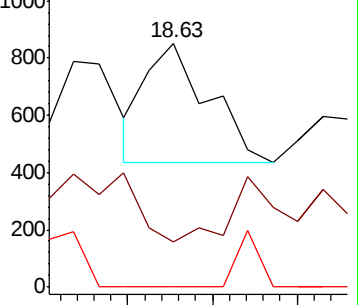
104 0.0 4.5 6.7#



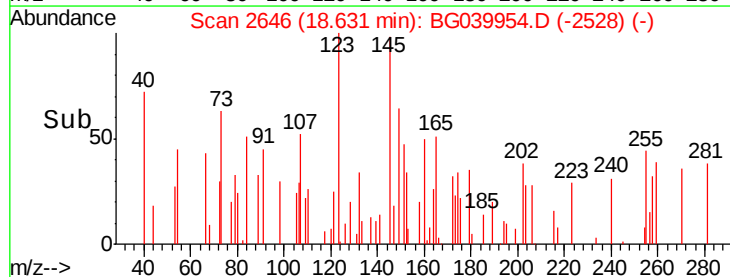
Abundance Ion 149.00 (148.70 to 149.70): E

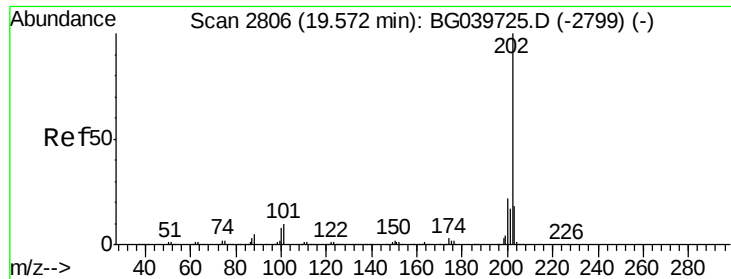
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.62 18.64 18.66





#75

Fluoranthene

Concen: 146.426 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampleId :

TP-4

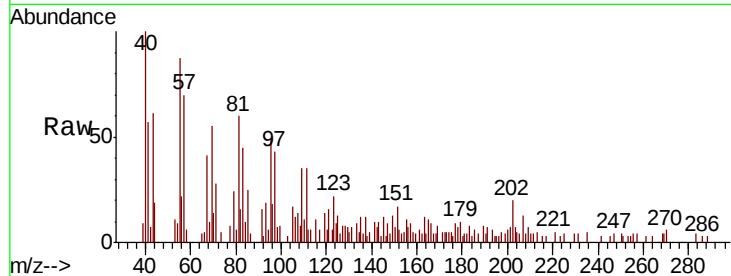
Tgt Ion: 202 Resp: 1649

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

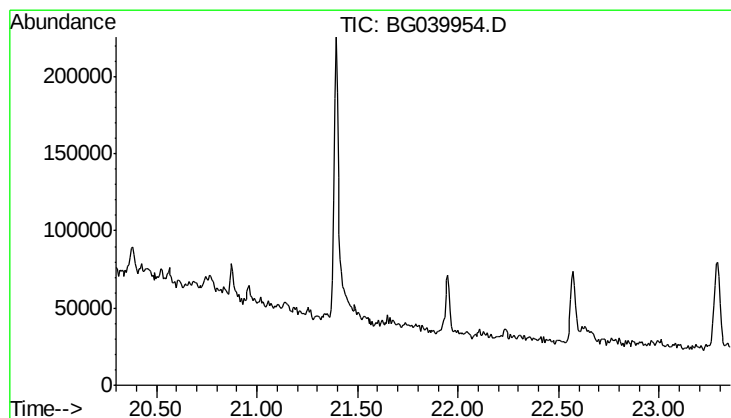
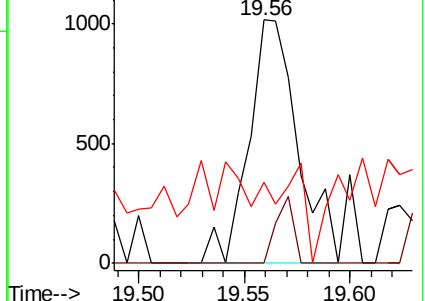
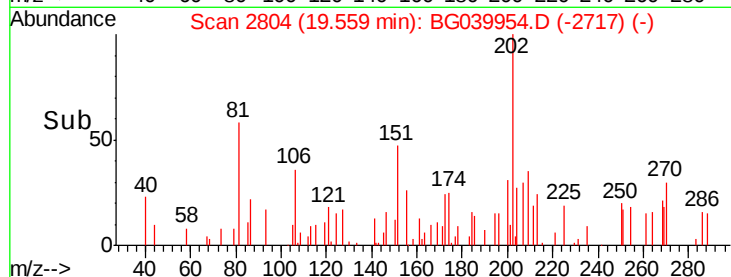
203 33.4 0.0 38.9



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: 0.000 ng

Expected RT: 21.83 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

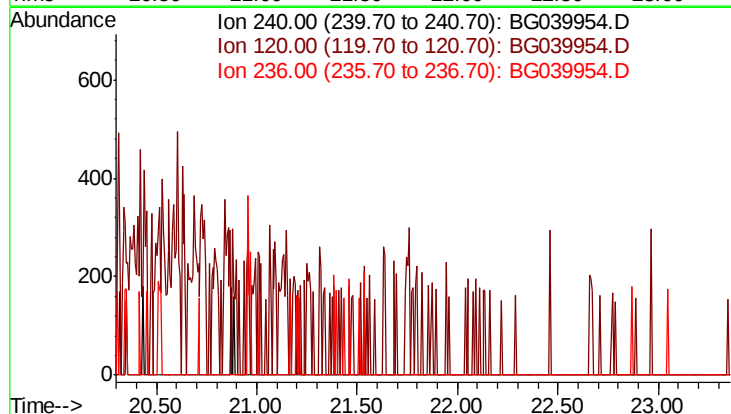
Tgt Ion: 240

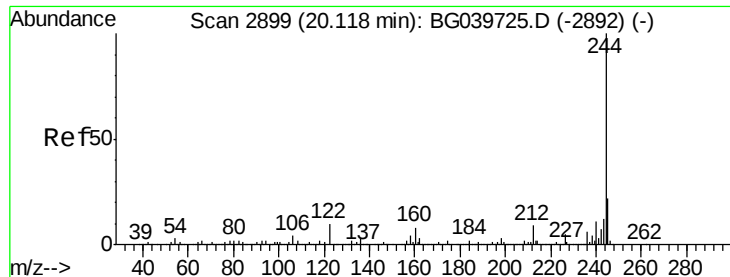
Sig Exp Ratio

240 100

120 8.8

236 26.2





#79

Terphenyl-d14

Concen: 0.000 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Instrument :

BNA_G

ClientSampleId :

TP-4

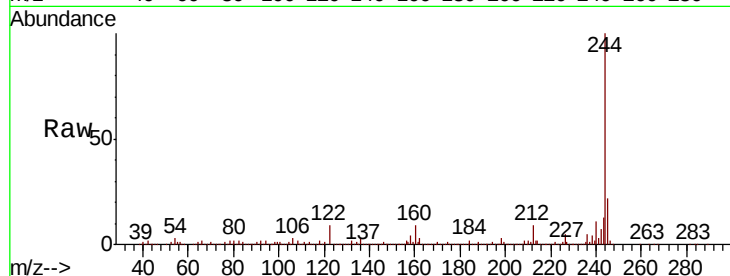
Tgt Ion: 244 Resp: 893505

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

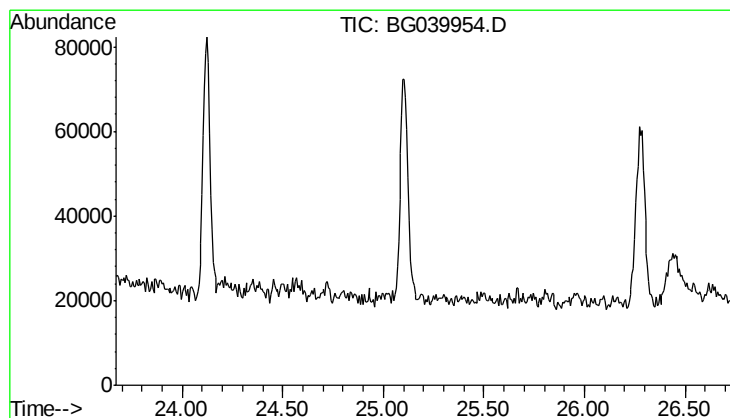
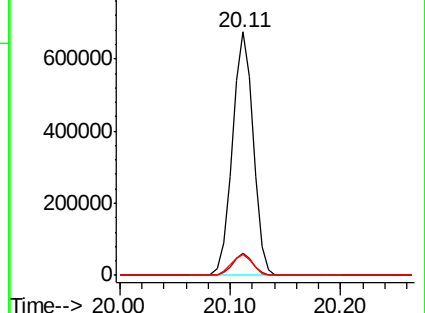
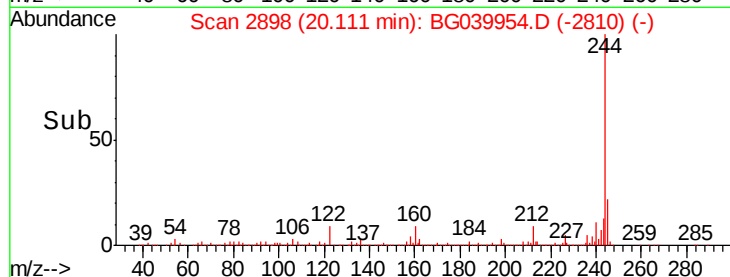
122 8.8 8.4 12.6



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



#87

Perylene-d12

Concen: 0.000 ng

Expected RT: 25.20 min

Lab File: BG039954.D

Acq: 15 Mar 2019 23:28

Tgt Ion: 264

Sig Exp Ratio

264 100

260 22.8

265 23.1

