

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\  
 Data File : BG040777.D  
 Acq On : 7 May 2019 19:46  
 Operator : HP/JU  
 Sample : K2697-06MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-4-20190502MSD

Quant Time: May 08 03:55:18 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.14  | 152  | 45619    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.97 | 136  | 176213   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.77 | 164  | 130255   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.51 | 188  | 351554   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.80 | 240  | 348652   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.15 | 264  | 363117   | 20.00 | ng    | -0.05    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.67  | 112 | 230809  | 89.19  | ng | -0.01 |
| 7) Phenol-d6             | 7.28  | 99  | 237464  | 59.59  | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.32  | 82  | 493222  | 129.33 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.26 | 330 | 41443   | 23.15  | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.40 | 172 | 1039274 | 115.23 | ng | -0.02 |
| 79) Terphenyl-d14        | 20.11 | 244 | 1916618 | 121.79 | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88  | 29713  | 25.246 | ng | 97     |
| 3) Pyridine                    | 3.95  | 79  | 116962 | 34.286 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.88  | 42  | 49868  | 26.355 | ng | 94     |
| 6) Aniline                     | 7.47  | 93  | 232357 | 43.995 | ng | 100    |
| 8) 2-Chlorophenol              | 7.70  | 128 | 142945 | 45.236 | ng | 96     |
| 9) Benzaldehyde                | 7.28  | 77  | 110431 | 49.133 | ng | 96     |
| 10) Phenol                     | 7.31  | 94  | 82085  | 19.164 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.56  | 93  | 163302 | 50.841 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 8.03  | 146 | 161150 | 46.723 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.18  | 146 | 167629 | 47.943 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.50  | 146 | 157054 | 46.577 | ng | 99     |
| 15) Benzyl Alcohol             | 8.38  | 79  | 145857 | 35.180 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.66  | 45  | 276787 | 43.283 | ng | 96     |
| 17) 2-Methylphenol             | 8.57  | 107 | 115830 | 38.212 | ng | 96     |
| 18) Hexachloroethane           | 9.23  | 117 | 60242  | 42.002 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.95  | 70  | 162785 | 45.383 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.90  | 107 | 145328 | 34.415 | ng | 97     |
| 22) Acetophenone               | 8.98  | 105 | 294493 | 60.100 | ng | # 95   |
| 24) Nitrobenzene               | 9.37  | 77  | 247712 | 60.879 | ng | 98     |
| 25) Isophorone                 | 9.88  | 82  | 468250 | 55.122 | ng | 100    |
| 26) 2-Nitrophenol              | 10.07 | 139 | 74921  | 51.367 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 10.12 | 122 | 138910 | 50.760 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.36 | 93  | 238524 | 55.965 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.60 | 162 | 192641 | 61.919 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.82 | 180 | 192224 | 55.716 | ng | 99     |
| 31) Naphthalene                | 11.02 | 128 | 519399 | 55.482 | ng | 98     |
| 32) Benzoic acid               | 10.12 | 122 | 138910 | 74.148 | ng | # 16   |
| 33) 4-Chloroaniline            | 11.13 | 127 | 241524 | 58.188 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 135142 | 53.057 | ng | 99     |
| 35) Caprolactam                | 11.89 | 113 | 14595  | 11.882 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.22 | 107 | 212690 | 54.192 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.61 | 142 | 402349 | 57.483 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.83 | 142 | 387819 | 56.685 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216 | 284544 | 58.641 | ng | 99     |

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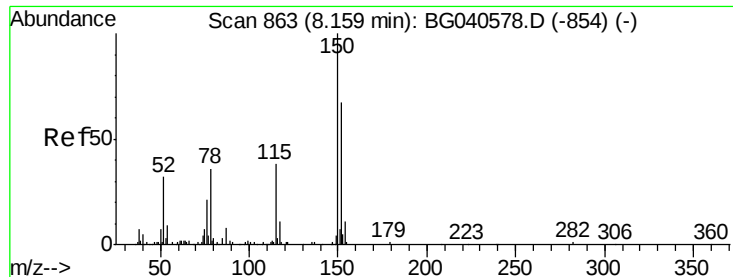
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-4-20190502MSD

Quant Time: May 08 03:55:18 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.94 | 237  | 205947   | 71.927  | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.21 | 196  | 40294    | 13.741  | nq    | 89       |
| 44) 2,4,5-Trichlorophenol      | 13.28 | 196  | 161128   | 50.442  | nq    | 95       |
| 46) 1,1'-Biphenyl              | 13.61 | 154  | 558829   | 55.258  | nq    | 96       |
| 47) 2-Chloronaphthalene        | 13.66 | 162  | 459684   | 58.082  | nq    | 97       |
| 48) 2-Nitroaniline             | 13.86 | 65   | 192371   | 68.284  | nq    | 95       |
| 49) Acenaphthylene             | 14.50 | 152  | 732547   | 54.555  | nq    | 99       |
| 50) Dimethylphthalate          | 14.22 | 163  | 659874   | 60.549  | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.35 | 165  | 142936   | 67.201  | nq    | 94       |
| 52) Acenaphthene               | 14.84 | 154  | 428227   | 54.762  | nq    | 96       |
| 53) 3-Nitroaniline             | 14.68 | 138  | 142338   | 65.312  | nq #  | 92       |
| 55) Dibenzofuran               | 15.17 | 168  | 769833   | 60.104  | nq    | 100      |
| 56) 4-Nitrophenol              | 15.17 | 139  | 313563   | 165.930 | nq #  | 1        |
| 57) 2,4-Dinitrotoluene         | 15.13 | 165  | 198600   | 68.714  | nq    | 96       |
| 58) Fluorene                   | 15.81 | 166  | 610290   | 58.951  | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.39 | 232  | 6764     | 2.104   | nq #  | 71       |
| 60) Diethylphthalate           | 15.57 | 149  | 687187   | 59.763  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.80 | 204  | 375798   | 62.414  | nq    | 98       |
| 62) 4-Nitroaniline             | 15.84 | 138  | 150028   | 61.541  | nq    | 89       |
| 63) Azobenzene                 | 16.10 | 77   | 653896   | 55.220  | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.90 | 198  | 101      | 7.151   | nq #  | 72       |
| 66) n-Nitrosodiphenylamine     | 16.02 | 169  | 570176   | 55.126  | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.70 | 248  | 254165   | 58.030  | nq    | 92       |
| 68) Hexachlorobenzene          | 16.81 | 284  | 264441   | 58.391  | nq    | 96       |
| 69) Atrazine                   | 16.96 | 200  | 252109   | 61.522  | nq    | 100      |
| 71) Phenanthrene               | 17.56 | 178  | 1056966  | 55.819  | nq    | 98       |
| 72) Anthracene                 | 17.65 | 178  | 1081692  | 56.831  | nq    | 99       |
| 73) Carbazole                  | 17.92 | 167  | 948549   | 54.700  | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.45 | 149  | 1123249  | 53.666  | nq    | 99       |
| 75) Fluoranthene               | 19.56 | 202  | 1353507  | 57.360  | nq    | 99       |
| 77) Benzidine                  | 19.74 | 184  | 884610   | 92.666  | nq    | 99       |
| 78) Pyrene                     | 19.92 | 202  | 1335527  | 61.117  | nq    | 97       |
| 80) Butylbenzylphthalate       | 20.79 | 149  | 520411   | 61.104  | nq    | 92       |
| 81) Benzo(a)anthracene         | 21.78 | 228  | 1300968  | 59.041  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.70 | 252  | 458244   | 58.346  | nq    | 97       |
| 83) Chrysene                   | 21.85 | 228  | 1292383  | 61.671  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.65 | 149  | 722964   | 58.805  | nq    | 97       |
| 85) Di-n-octyl phthalate       | 22.91 | 149  | 1216645  | 58.761  | nq    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.01 | 276  | 1390004  | 54.861  | nq #  | 91       |
| 88) Benzo(b)fluoranthene       | 24.08 | 252  | 1321310  | 59.546  | nq    | 97       |
| 89) Benzo(k)fluoranthene       | 24.16 | 252  | 1332473  | 64.300  | nq    | 98       |
| 90) Benzo(a)pyrene             | 25.00 | 252  | 1285114  | 61.184  | nq #  | 97       |
| 91) Dibenzo(a,h)anthracene     | 29.09 | 278  | 1083712  | 50.985  | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.22 | 276  | 1071746  | 50.663  | nq    | 100      |

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



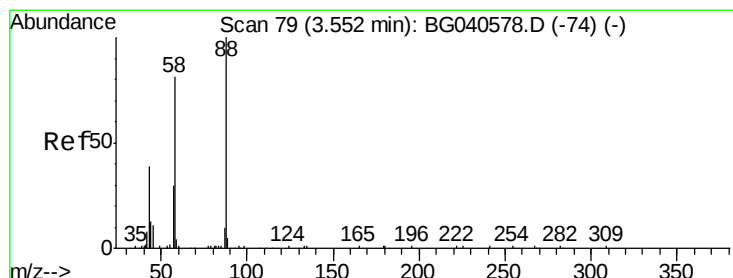
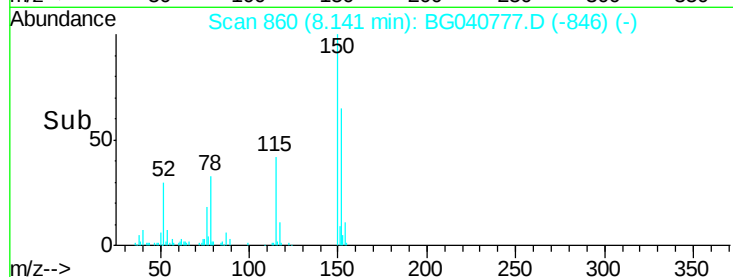
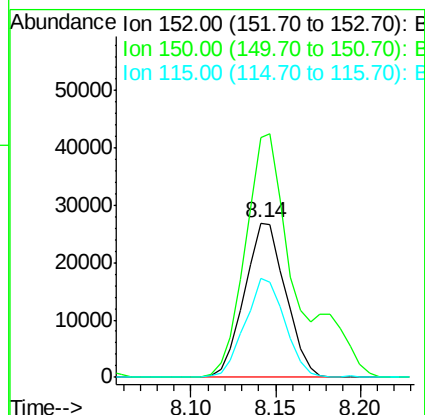
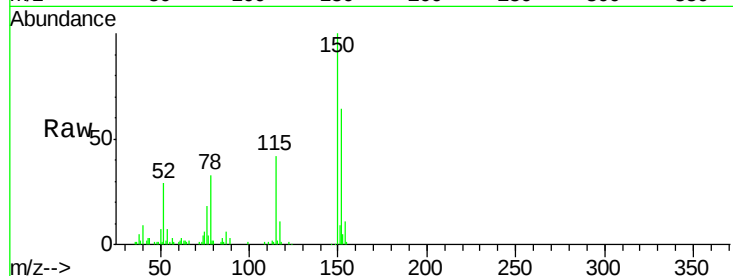


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.14 min Scan# 860  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

Instrument :  
BNA\_G  
ClientSampleId :  
MW-4-20190502MSD

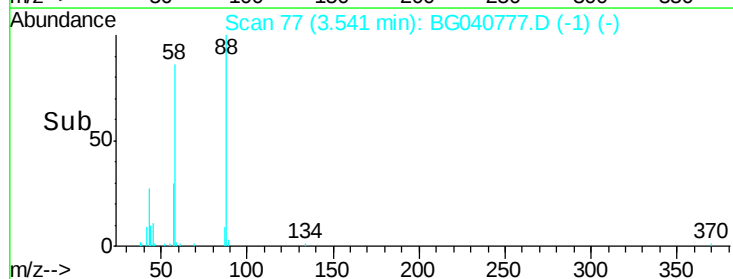
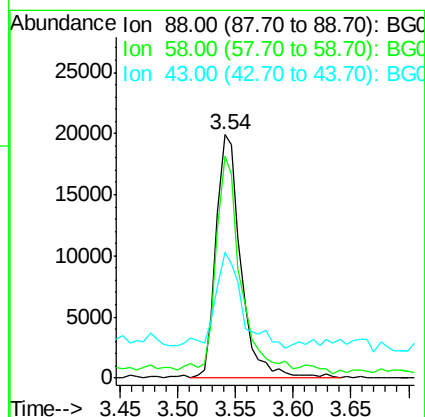
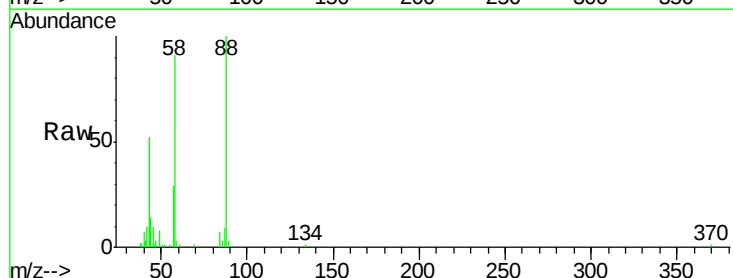
Tot Ion:152 Resp: 45619  
Ion Ratio Lower Upper  
152 100  
150 155.6 120.2 180.2  
115 64.6 46.2 69.2



#2

1,4-Dioxane  
Concen: 25.246 ng  
RT: 3.54 min Scan# 77  
Delta R.T. -0.01 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

Tgt Ion: 88 Resp: 29713  
Ion Ratio Lower Upper  
88 100  
58 84.6 71.2 106.8  
43 44.4 35.6 53.4





#3

Pvridine

Concen: 34.286 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

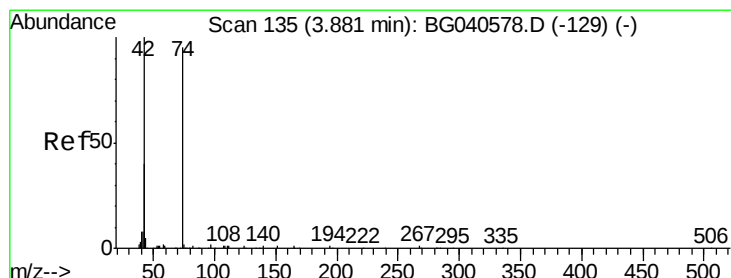
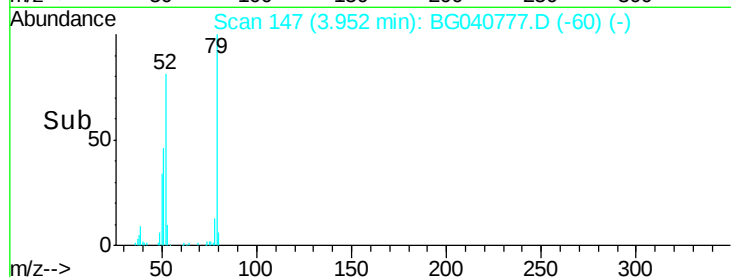
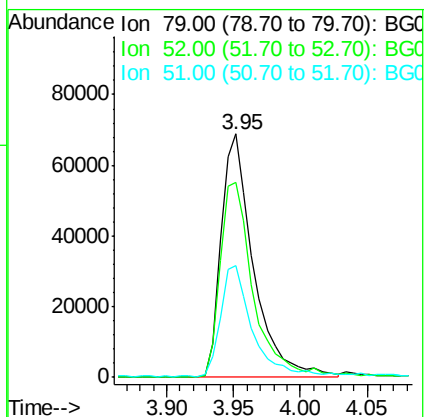
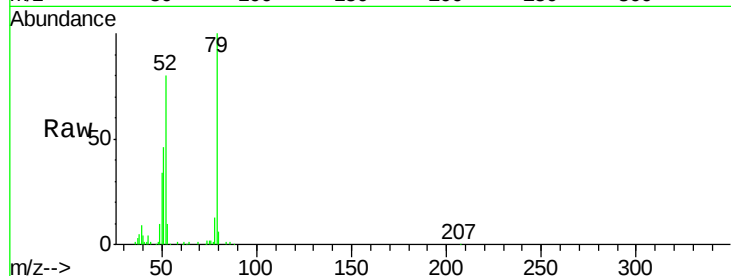
Tot Ion: 79 Resp: 116962

Ion Ratio Lower Upper

79 100

52 80.3 67.5 101.3

51 46.2 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 26.355 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

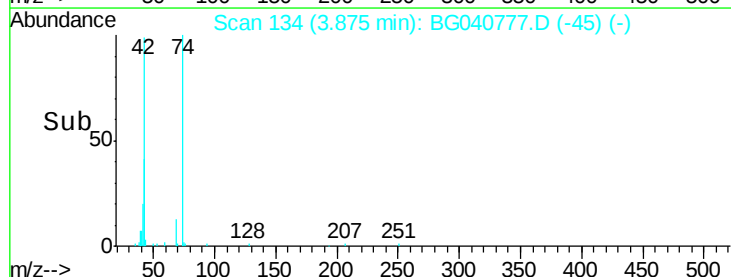
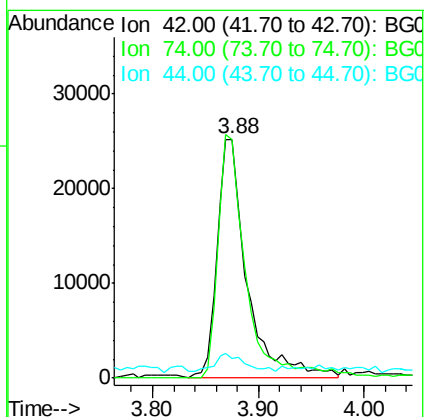
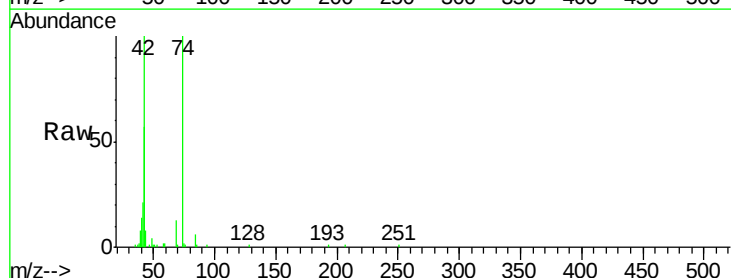
Tgt Ion: 42 Resp: 49868

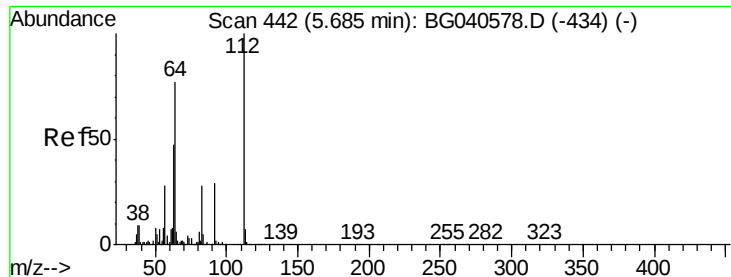
Ion Ratio Lower Upper

42 100

74 99.6 74.6 111.8

44 8.0 7.4 11.0





#5

2-Fluorophenol

Concen: 89.187 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

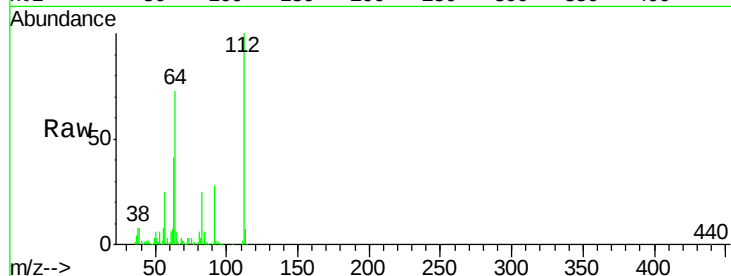
Tot Ion:112 Resp: 230809

Ion Ratio Lower Upper

112 100

64 72.9 61.4 92.0

63 41.3 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

200000

150000

100000

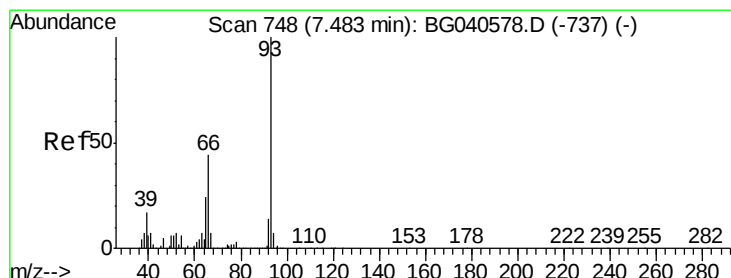
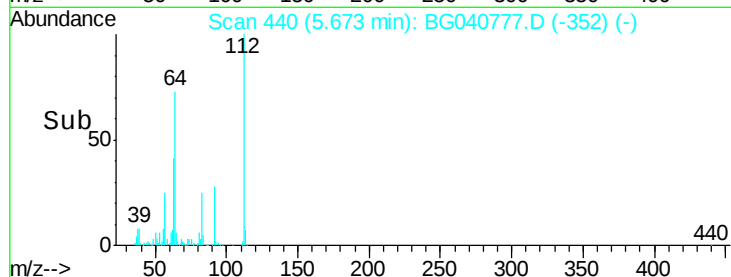
50000

0

5.60 5.65 5.70 5.75 5.80

5.67

Time-->



#6

Aniline

Concen: 43.995 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

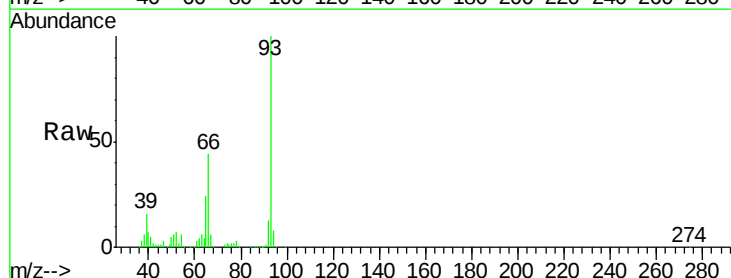
Tgt Ion: 93 Resp: 232357

Ion Ratio Lower Upper

93 100

66 44.3 35.5 53.3

65 23.6 19.2 28.8



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

150000

100000

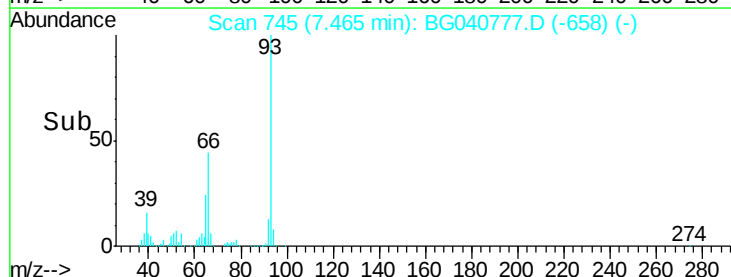
50000

0

7.40 7.45 7.50

7.47

Time-->





#7

Phenol-d6

Concen: 59.594 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

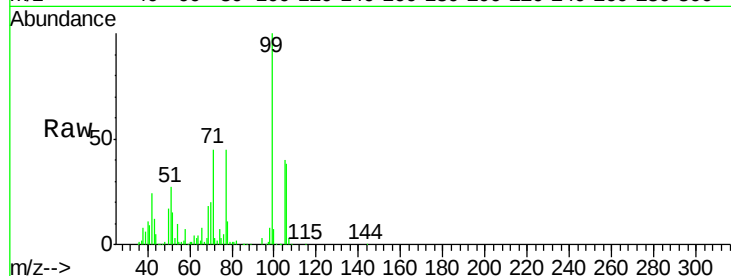
Tot Ion: 99 Resp: 237464

Ion Ratio Lower Upper

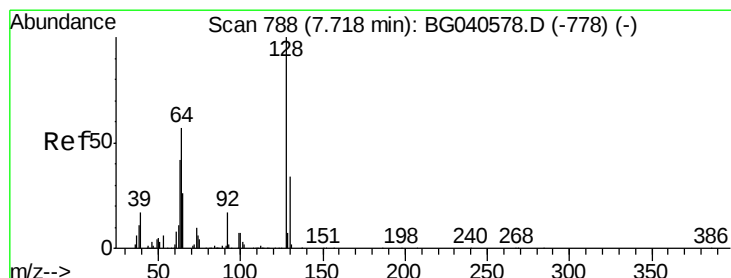
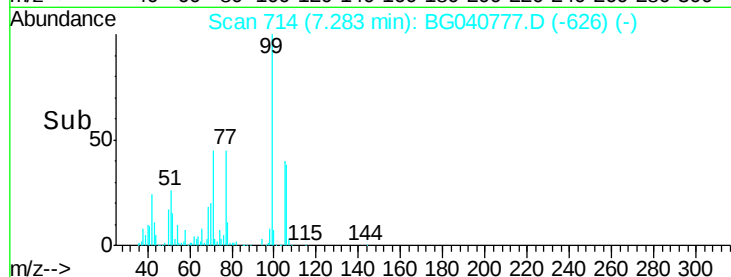
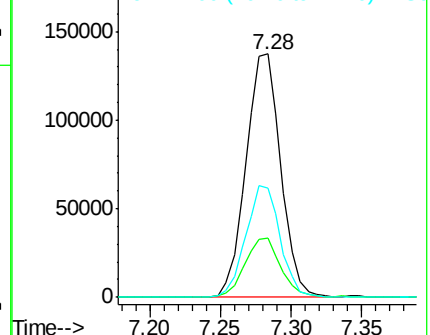
99 100

42 24.3 21.8 32.8

71 45.1 38.6 57.8



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: 45.236 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

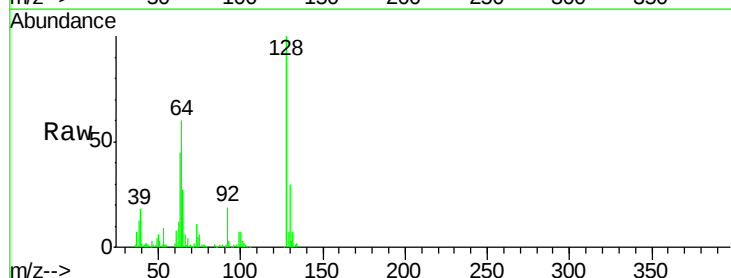
Tgt Ion: 128 Resp: 142945

Ion Ratio Lower Upper

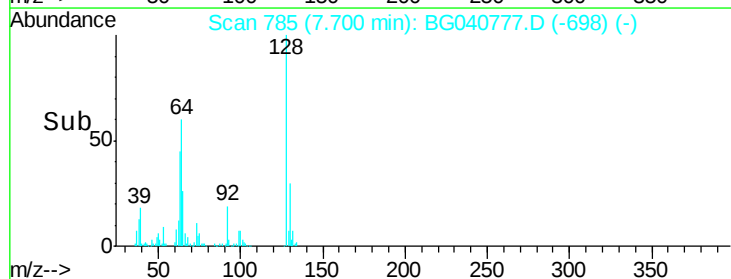
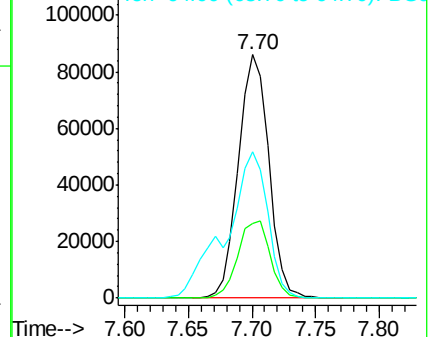
128 100

130 30.4 14.5 54.5

64 60.0 38.4 78.4



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 49.133 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

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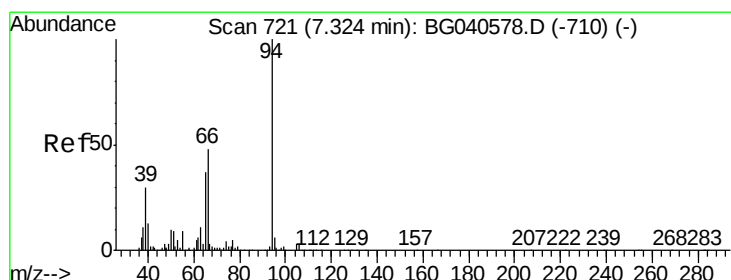
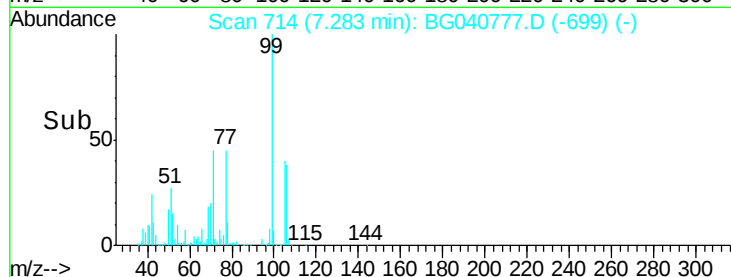
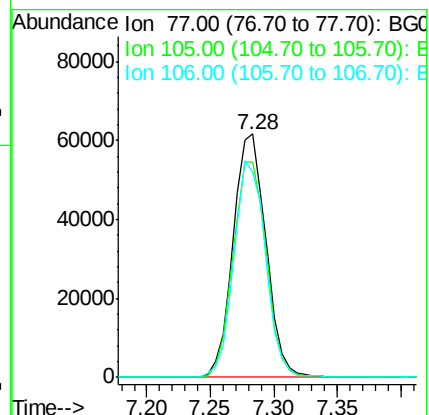
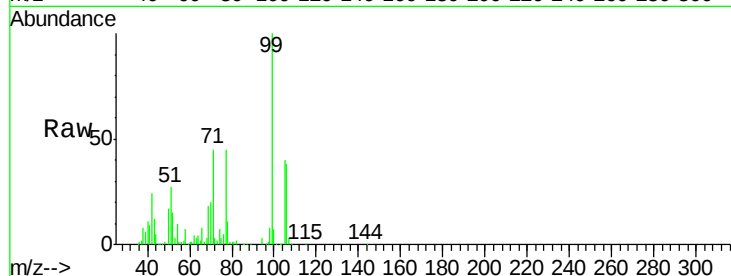
Tot Ion: 77 Resp: 110431

Ion Ratio Lower Upper

77 100

105 88.5 72.0 112.0

106 84.2 61.2 101.2



#10

Phenol

Concen: 19.164 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

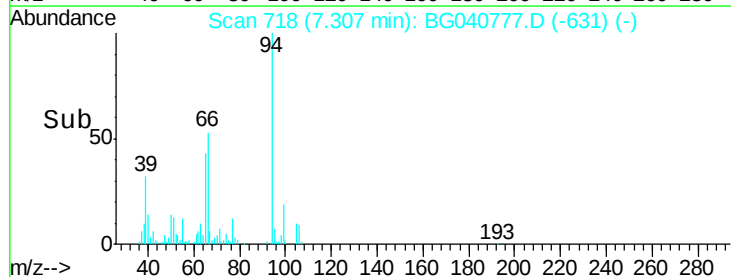
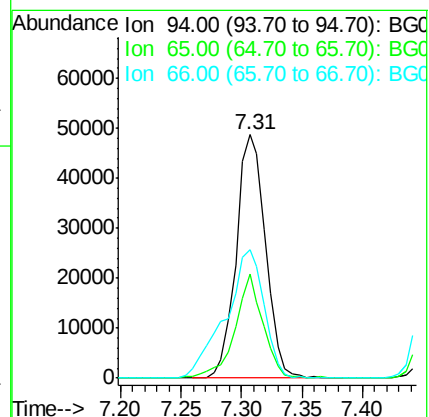
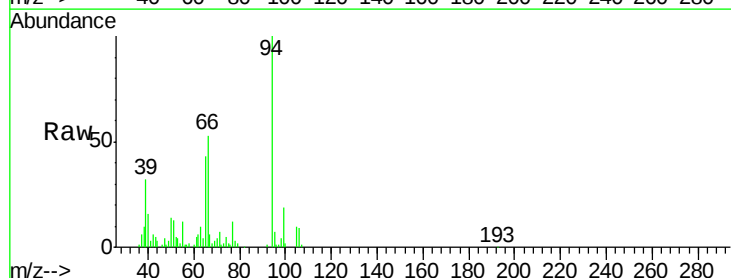
Tgt Ion: 94 Resp: 82085

Ion Ratio Lower Upper

94 100

65 42.5 17.0 57.0

66 52.7 28.6 68.6

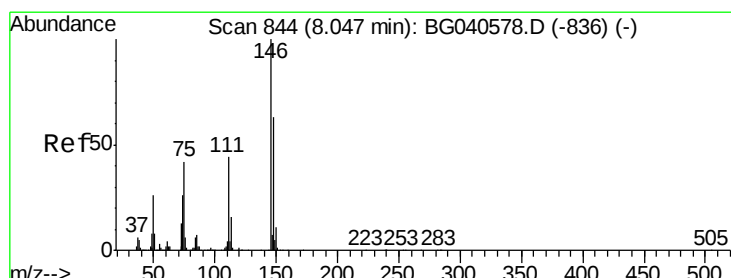
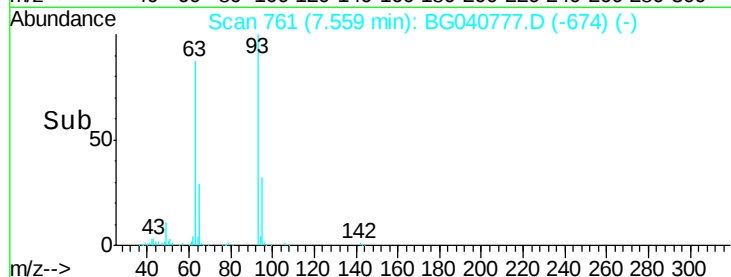
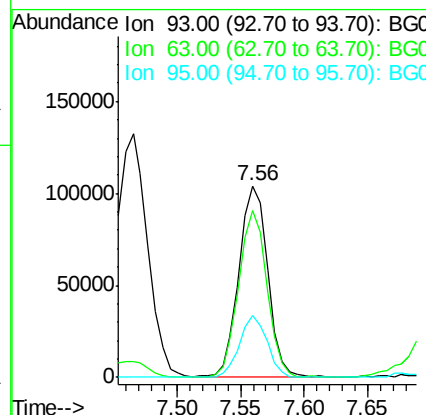
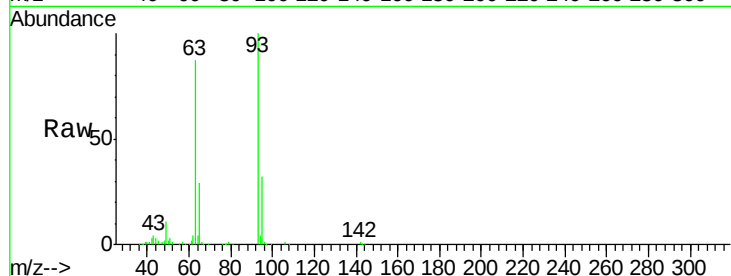




#11  
bis(2-Chloroethyl)ether  
Concen: 50.841 ng  
RT: 7.56 min Scan# 761  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

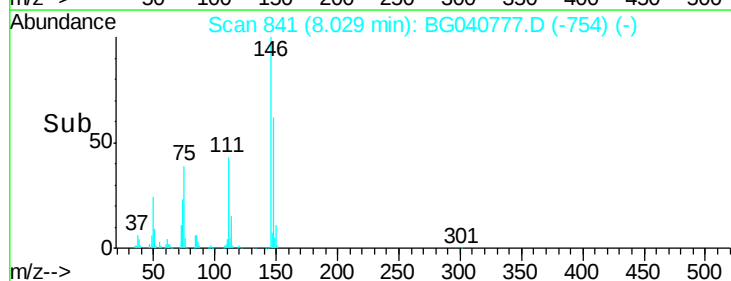
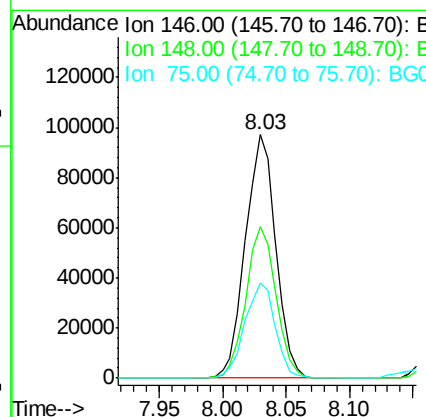
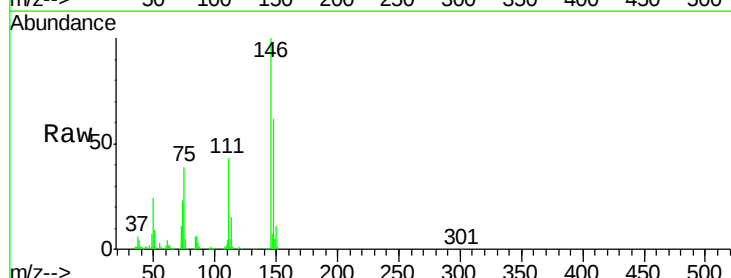
Instrument :  
BNA\_G  
ClientSampleId :  
MW-4-20190502MSD

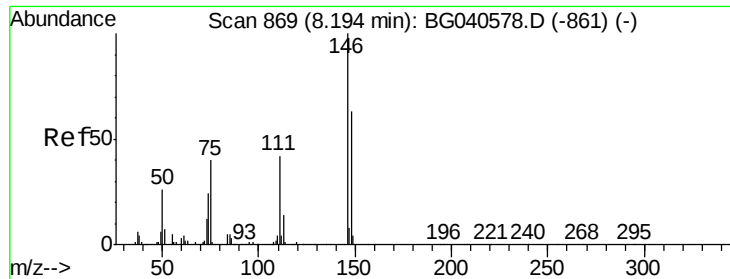
| Tot Ion   | 93    | Resp  | 163302 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 87.0  | 68.2  | 108.2  |
| 95        | 32.3  | 14.3  | 54.3   |



#12  
1,3-Dichlorobenzene  
Concen: 46.723 ng  
RT: 8.03 min Scan# 841  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

| Tgt Ion   | 146   | Resp  | 161150 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.4  | 50.7  | 76.1   |
| 75        | 39.3  | 33.4  | 50.2   |





#13

1,4-Dichlorobenzene

Concen: 47.943 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

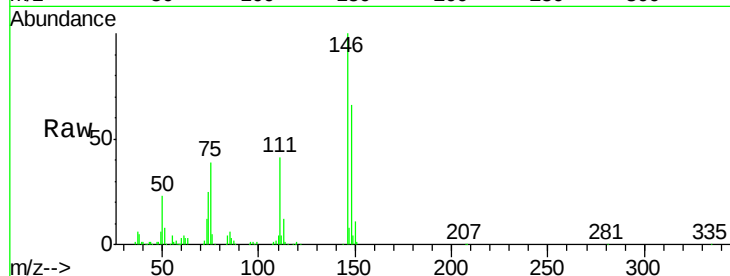
Tot Ion:146 Resp: 167629

Ion Ratio Lower Upper

146 100

148 66.1 50.6 75.8

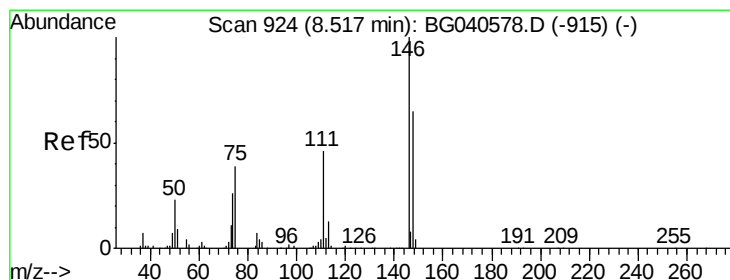
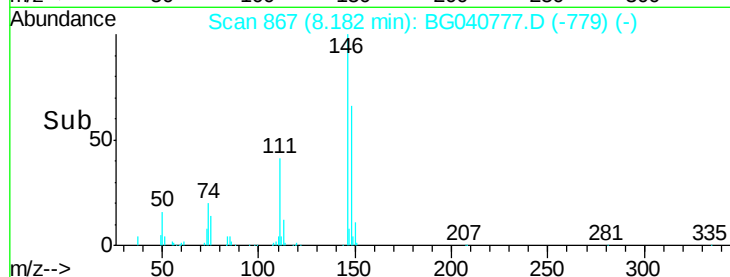
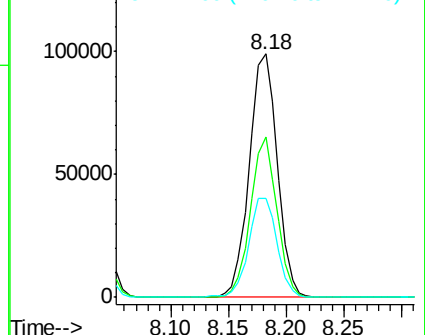
111 40.7 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.577 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

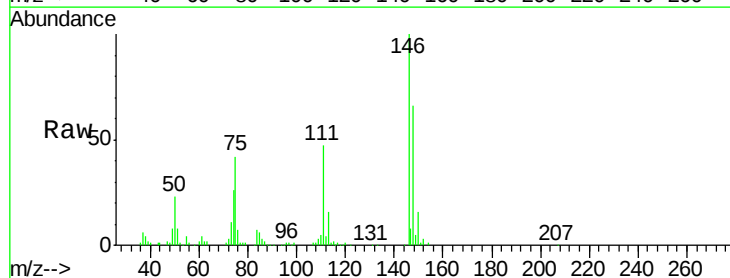
Tgt Ion:146 Resp: 157054

Ion Ratio Lower Upper

146 100

148 65.9 52.2 78.4

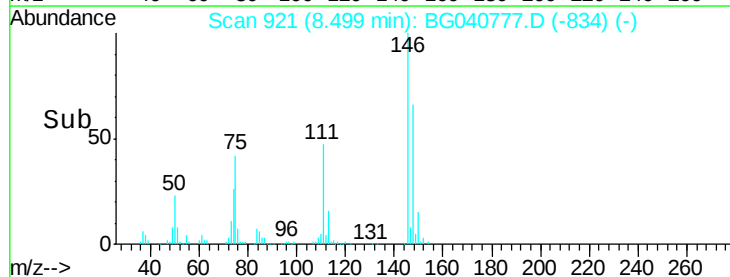
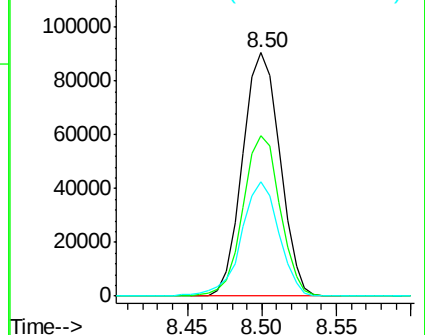
111 47.1 37.4 56.0

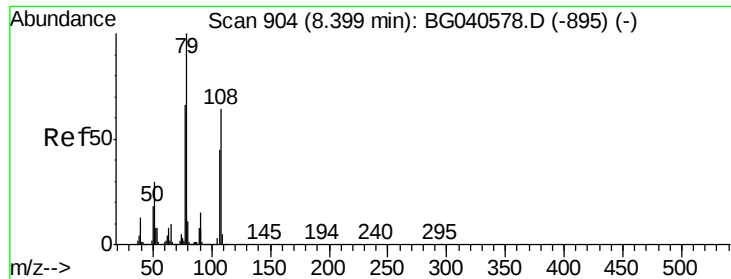


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.180 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

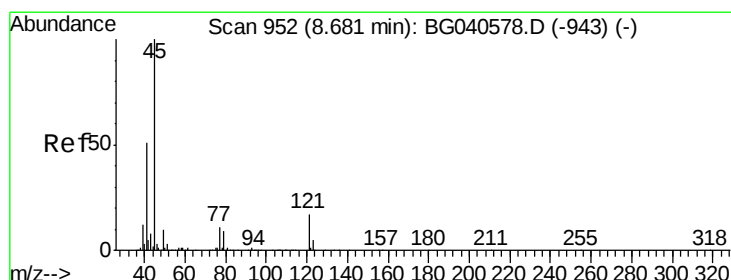
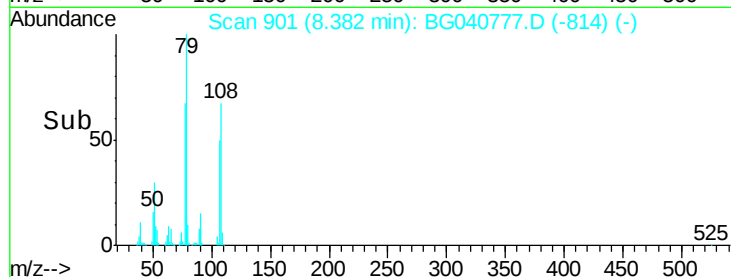
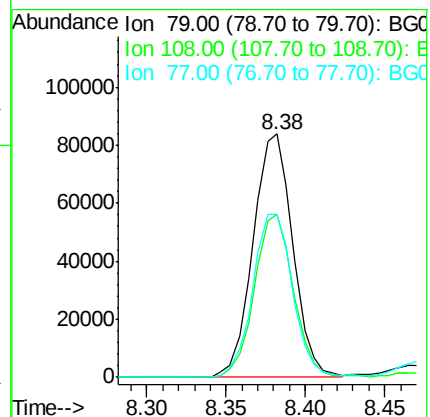
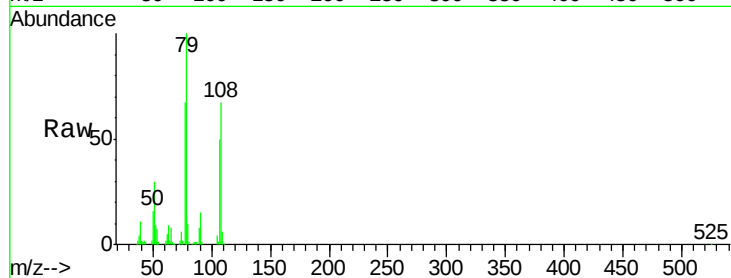
Tot Ion: 79 Resp: 145857

Ion Ratio Lower Upper

79 100

108 67.1 51.4 77.0

77 66.8 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.283 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

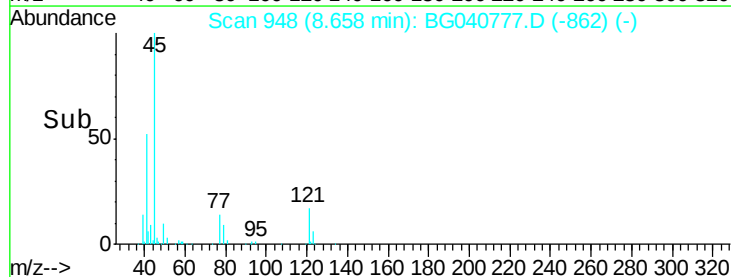
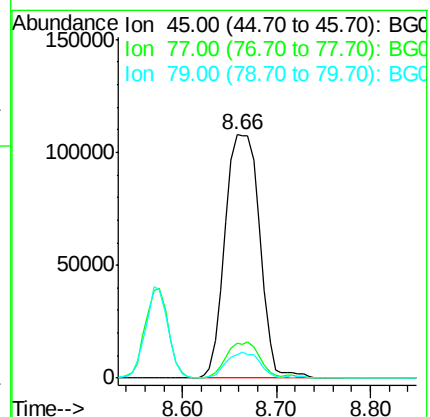
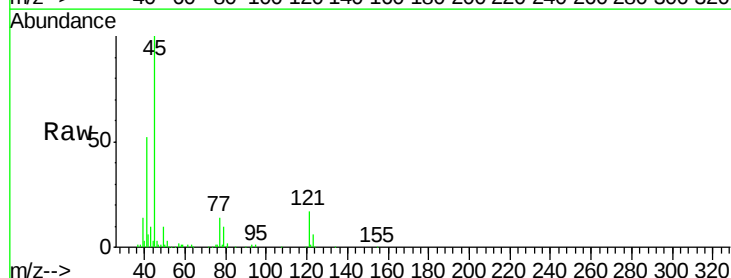
Tgt Ion: 45 Resp: 276787

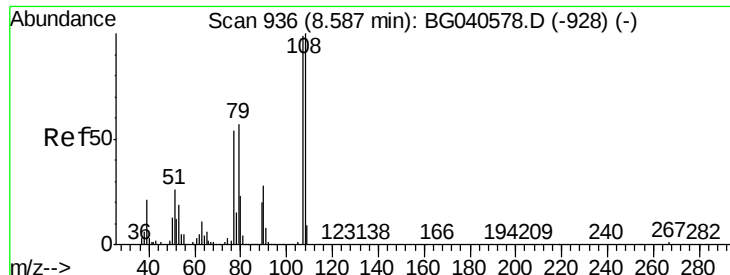
Ion Ratio Lower Upper

45 100

77 14.4 0.0 31.5

79 9.6 0.0 29.4

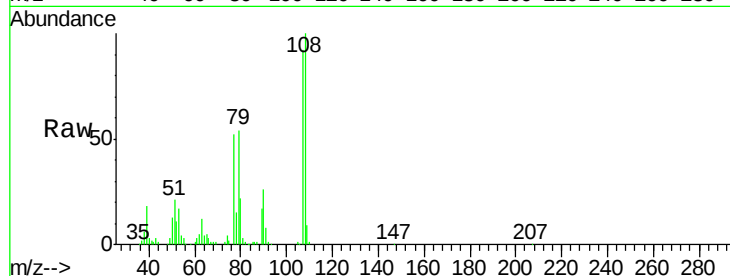




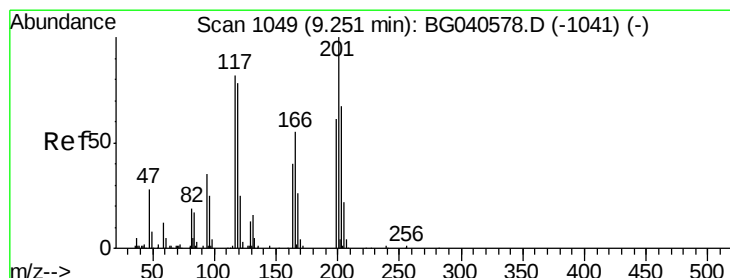
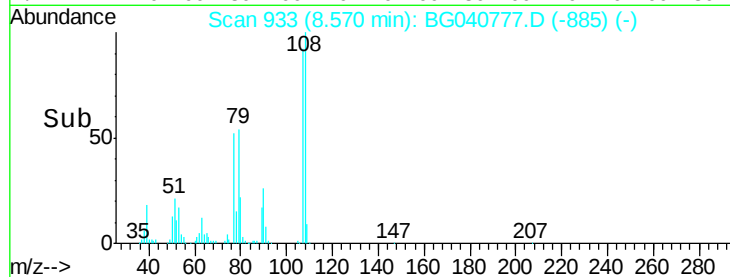
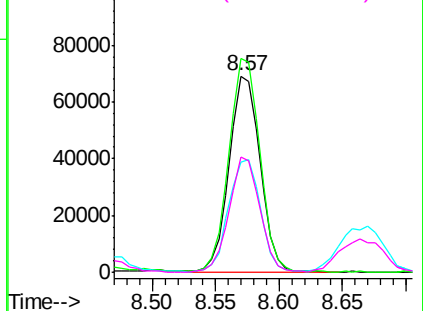
#17  
2-Methylphenol  
Concen: 38.212 ng  
RT: 8.57 min Scan# 933  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

Instrument :  
BNA\_G  
ClientSampleId :  
MW-4-20190502MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 115830 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.0 | 81.2  | 121.8  |
| 77       | 56.4  | 44.4  | 66.6   |
| 79       | 58.5  | 47.0  | 70.4   |

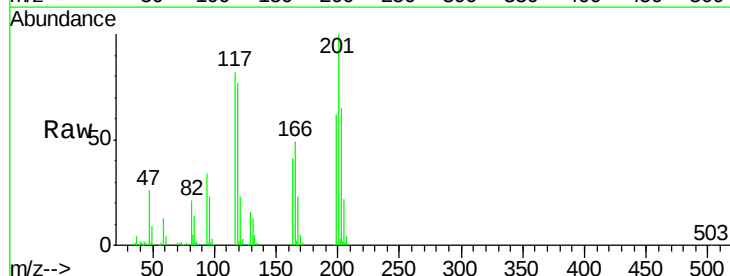


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

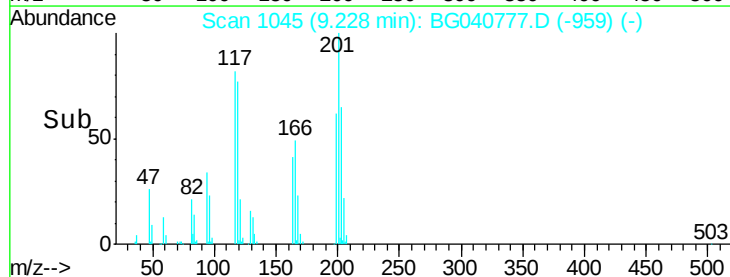
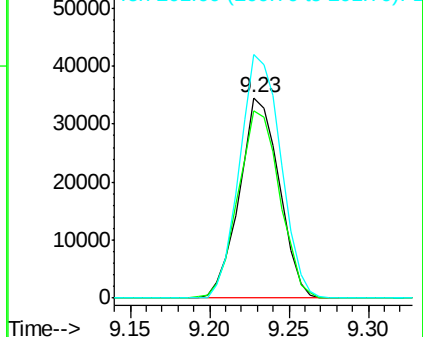


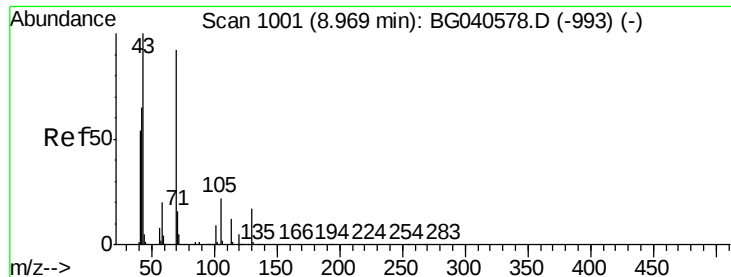
#18  
Hexachloroethane  
Concen: 42.002 ng  
RT: 9.23 min Scan# 1045  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 60242 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.1  | 76.6  | 114.8 |
| 201      | 121.4 | 101.0 | 151.6 |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

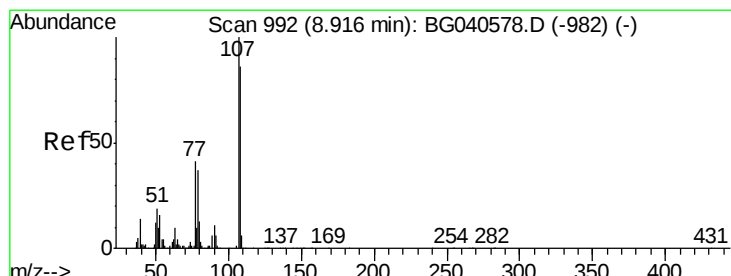
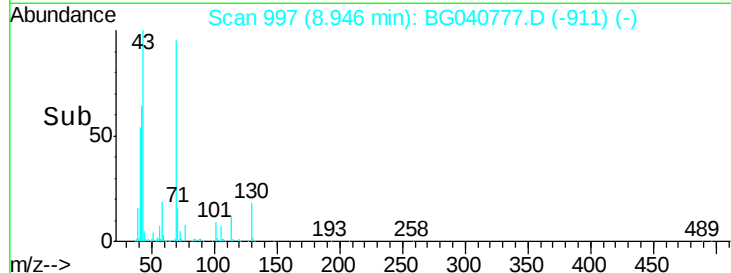
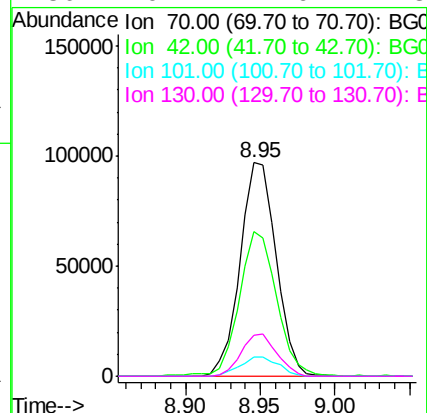
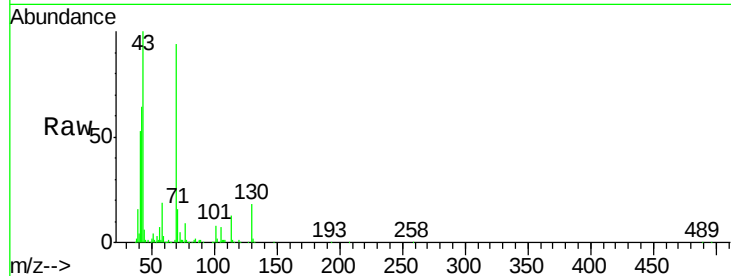




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.383 ng  
RT: 8.95 min Scan# 997  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

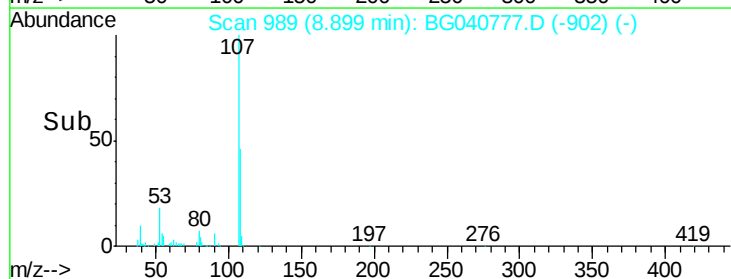
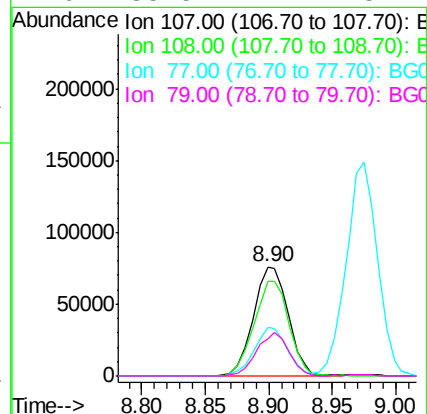
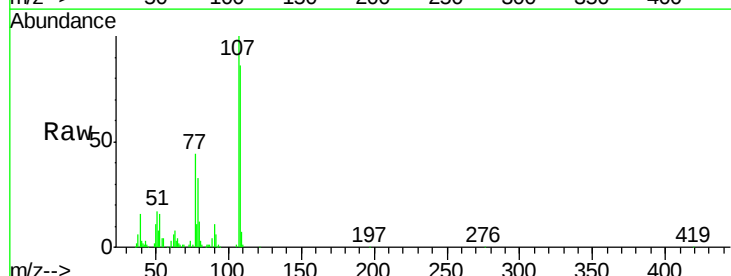
Instrument :  
BNA\_G  
ClientSampleId :  
MW-4-20190502MSD

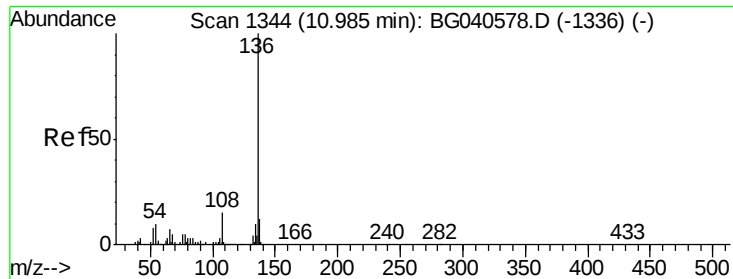
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 162785 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 67.5  | 57.1  | 85.7   |
| 101      | 9.0   | 7.8   | 11.8   |
| 130      | 19.4  | 14.6  | 21.8   |



#20  
3+4-Methylphenols  
Concen: 34.415 ng  
RT: 8.90 min Scan# 989  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 145328 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.3  | 66.1  | 106.1  |
| 77       | 44.2  | 21.6  | 61.6   |
| 79       | 33.5  | 17.4  | 57.4   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

Tot Ion:136 Resp: 176213

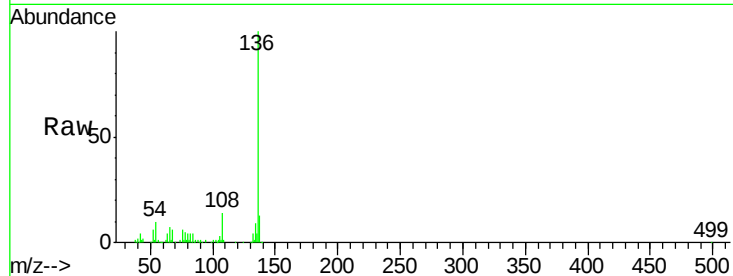
Ion Ratio Lower Upper

136 100

137 12.7 9.7 14.5

54 9.9 8.6 12.8

68 6.4 4.8 7.2

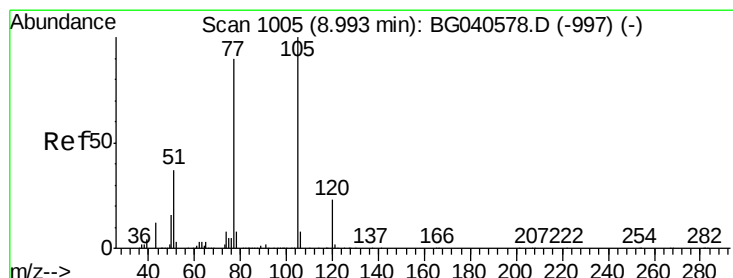
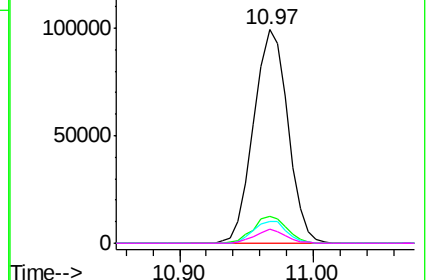
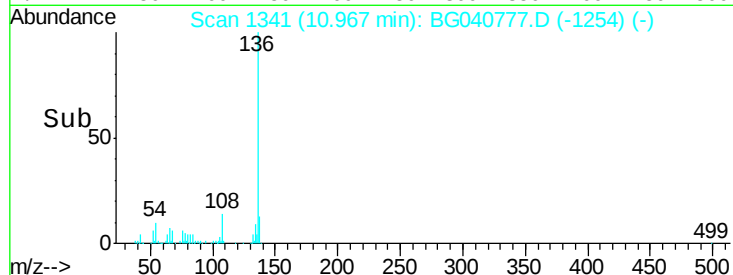


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 60.100 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:105 Resp: 294493

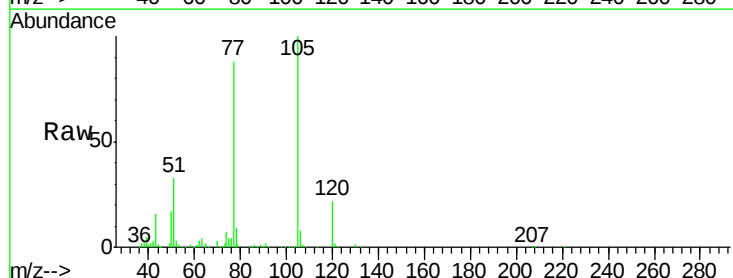
Ion Ratio Lower Upper

105 100

71 0.3 1.8 2.8#

51 33.4 29.8 44.8

120 21.5 18.4 27.6

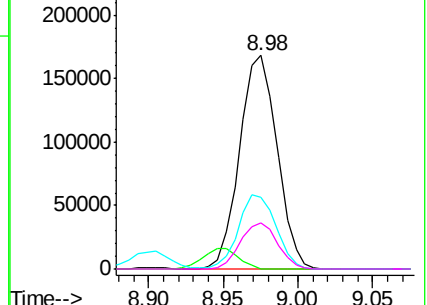
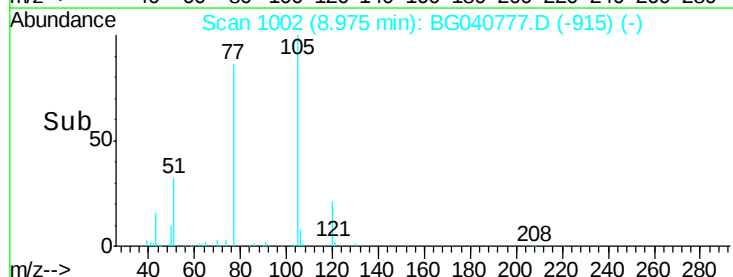


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

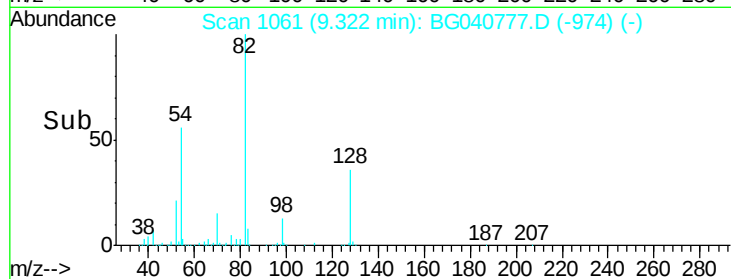
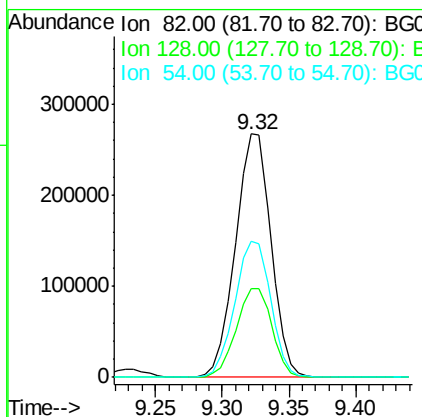
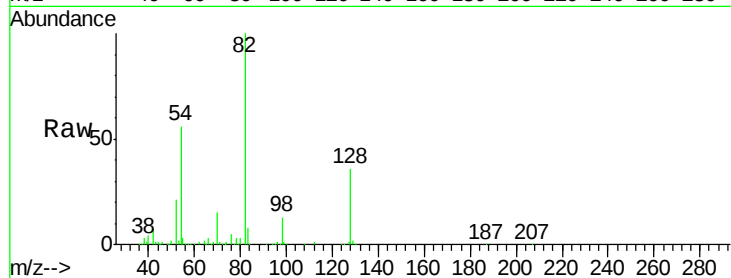




#23  
 Nitrobenzene-d5  
 Concen: 129.332 ng  
 RT: 9.32 min Scan# 1061  
 Delta R.T. -0.02 min  
 Lab File: BG040777.D  
 Acq: 7 May 2019 19:46

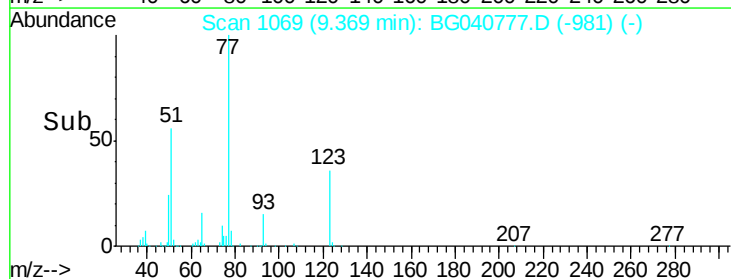
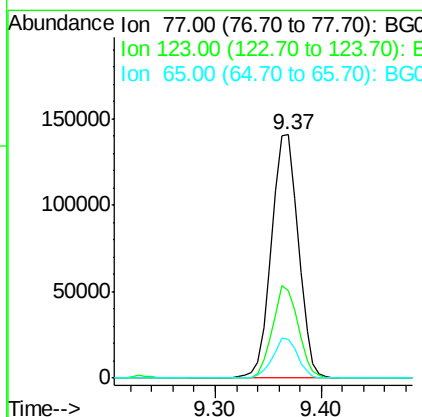
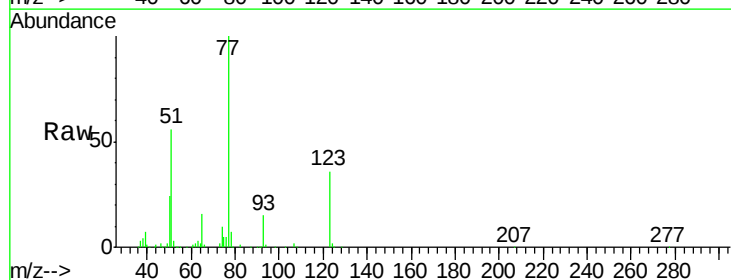
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-4-20190502MSD

| Tot Ion   | 82    | Resp  | 493222 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 36.3  | 28.9  | 43.3   |
| 54        | 56.1  | 47.2  | 70.8   |



#24  
 Nitrobenzene  
 Concen: 60.879 ng  
 RT: 9.37 min Scan# 1069  
 Delta R.T. -0.01 min  
 Lab File: BG040777.D  
 Acq: 7 May 2019 19:46

| Tgt Ion   | 77    | Resp  | 247712 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 35.9  | 27.8  | 41.6   |
| 65        | 15.9  | 12.4  | 18.6   |





#25

Isophorone

Concen: 55.122 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

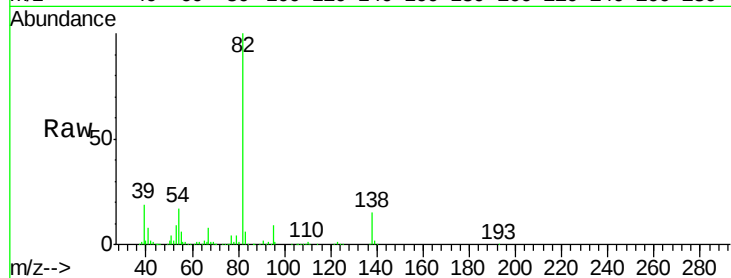
Tot Ion: 82 Resp: 468250

Ion Ratio Lower Upper

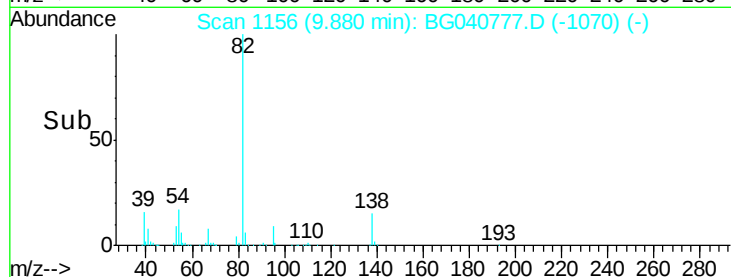
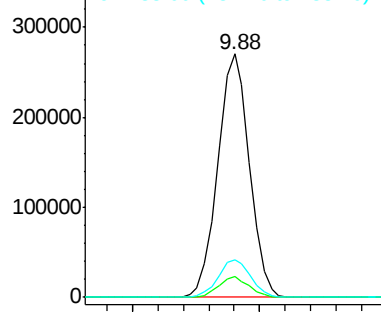
82 100

95 8.6 6.9 10.3

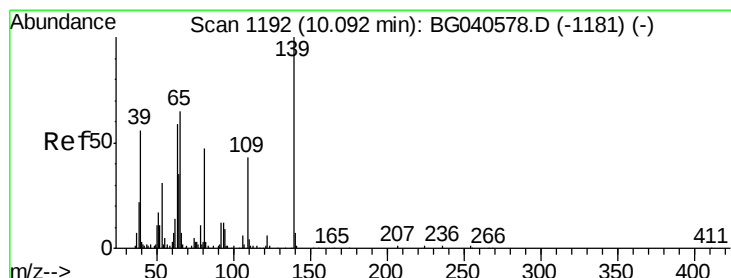
138 15.4 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



Time-->



#26

2-Nitrophenol

Concen: 51.367 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

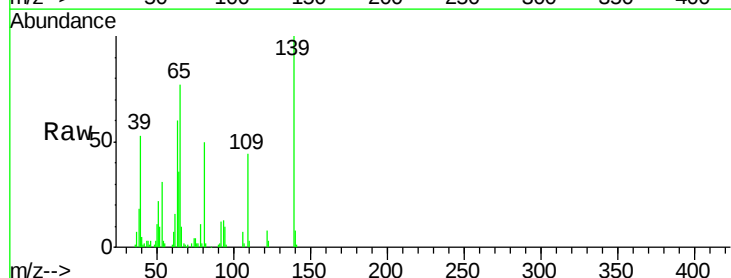
Tgt Ion: 139 Resp: 74921

Ion Ratio Lower Upper

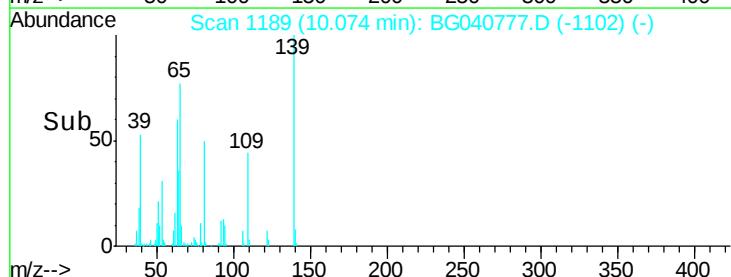
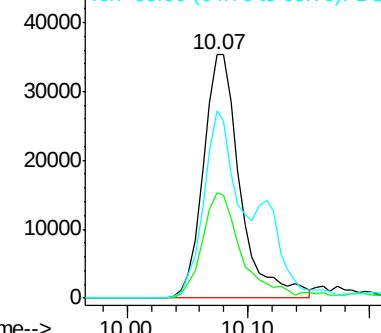
139 100

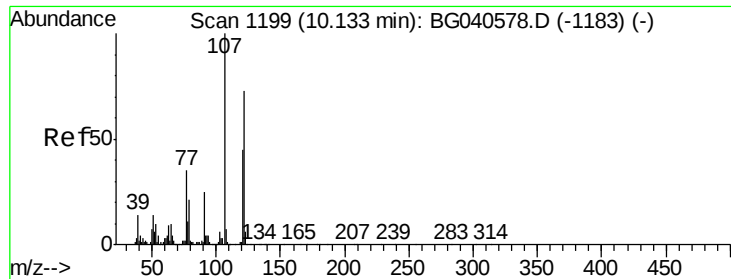
109 43.5 35.6 53.4

65 77.2 52.3 78.5



Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC

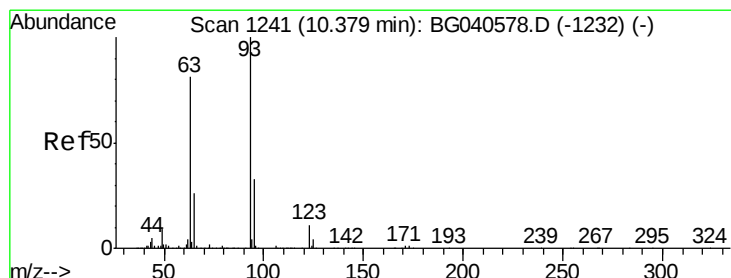
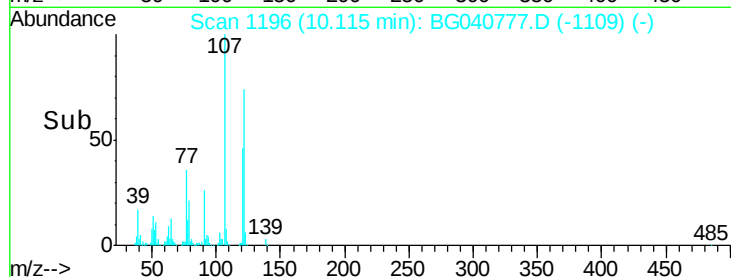
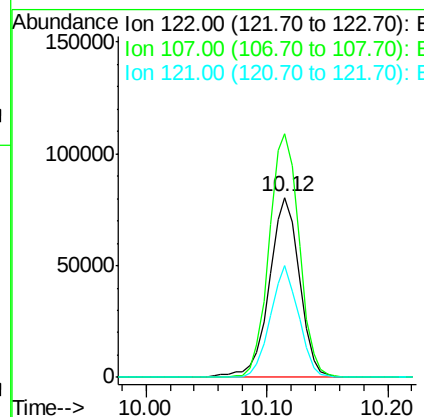
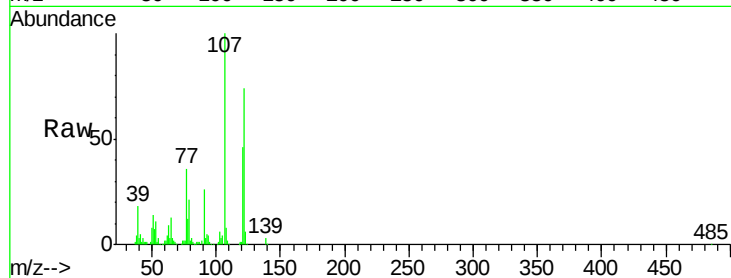




#27  
 2,4-Dimethylphenol  
 Concen: 50.760 ng  
 RT: 10.12 min Scan# 1196  
 Delta R.T. -0.02 min  
 Lab File: BG040777.D  
 Acq: 7 May 2019 19:46

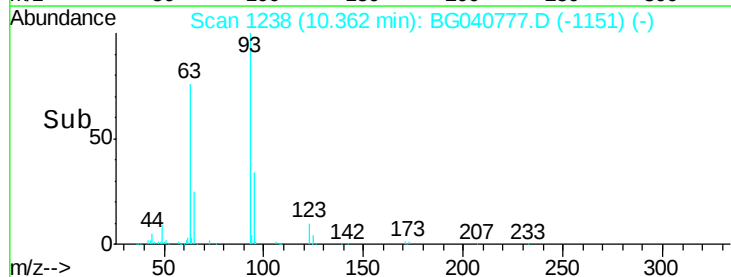
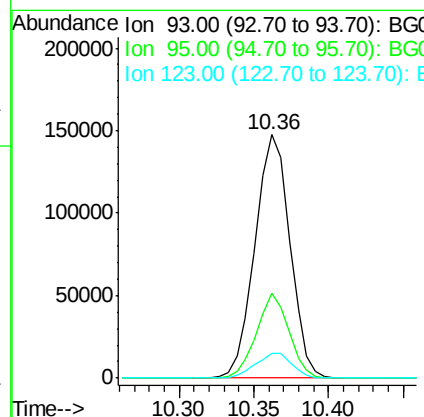
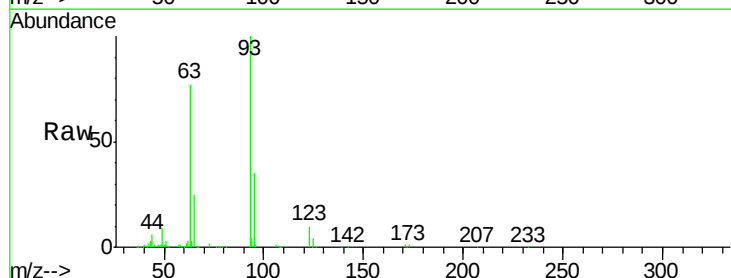
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-4-20190502MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 135.2 | 110.1 | 165.1 |
| 121     | 62.4  | 49.4  | 74.0  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 55.965 ng  
 RT: 10.36 min Scan# 1238  
 Delta R.T. -0.02 min  
 Lab File: BG040777.D  
 Acq: 7 May 2019 19:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.9  | 26.6  | 40.0  |
| 123     | 10.1  | 9.0   | 13.4  |

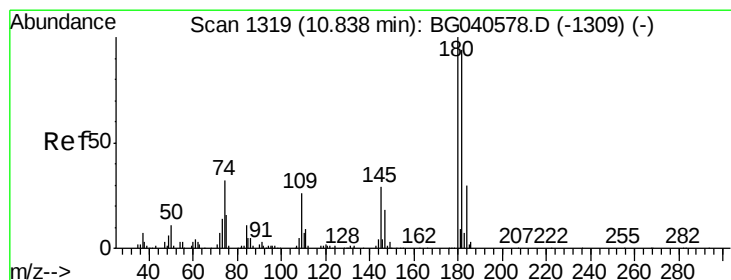
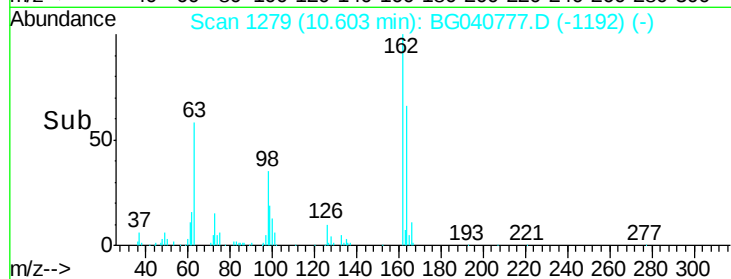
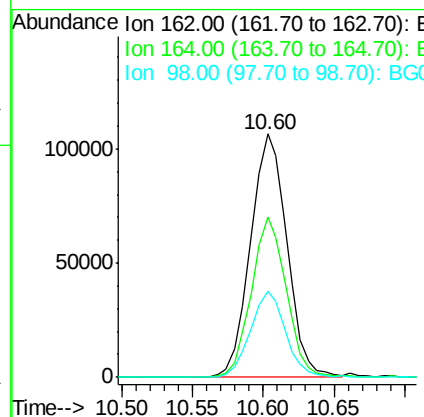
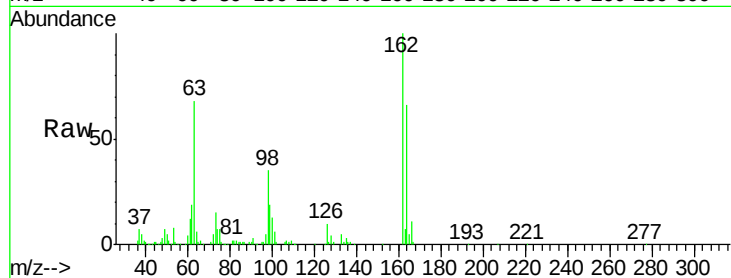




#29  
2,4-Dichlorophenol  
Concen: 61.919 ng  
RT: 10.60 min Scan# 1279  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

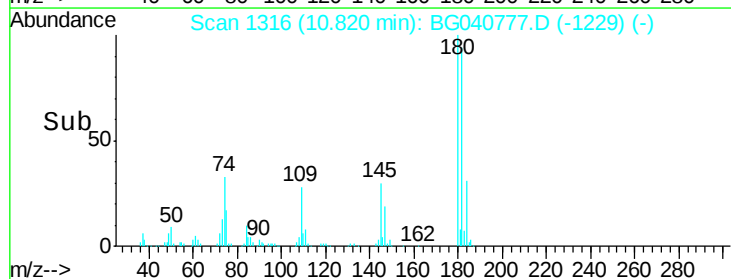
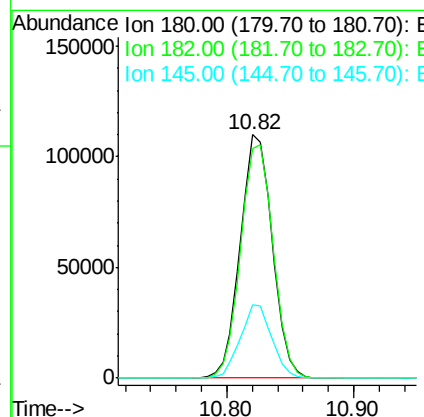
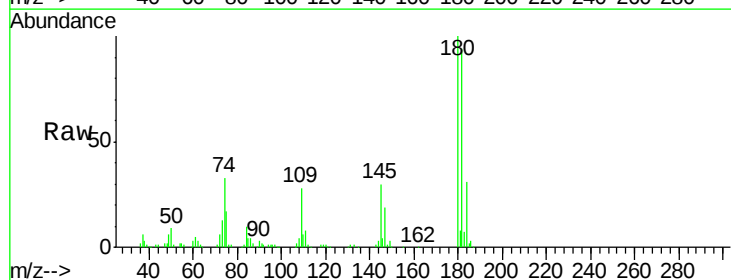
Instrument :  
BNA\_G  
ClientSampleId :  
MW-4-20190502MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.1  | 38.9  | 78.9  |
| 98      | 35.2  | 16.8  | 56.8  |



#30  
1,2,4-Trichlorobenzene  
Concen: 55.716 ng  
RT: 10.82 min Scan# 1316  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 75.2  | 112.8 |
| 145     | 30.3  | 23.6  | 35.4  |





#31

Naphthalene

Concen: 55.482 ng

RT: 11.02 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

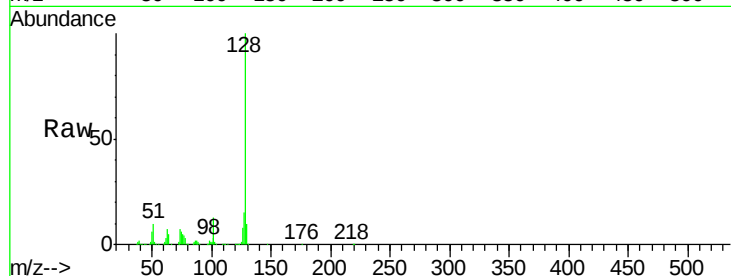
Tot Ion:128 Resp: 519399

Ion Ratio Lower Upper

128 100

129 10.4 9.0 13.6

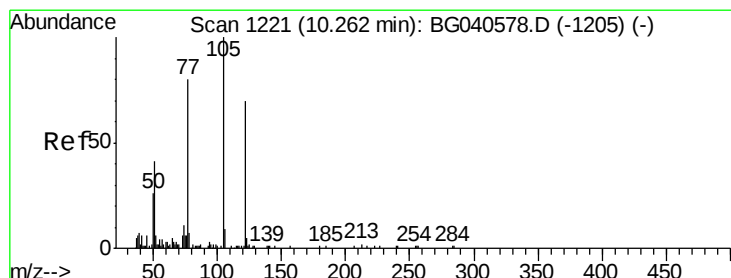
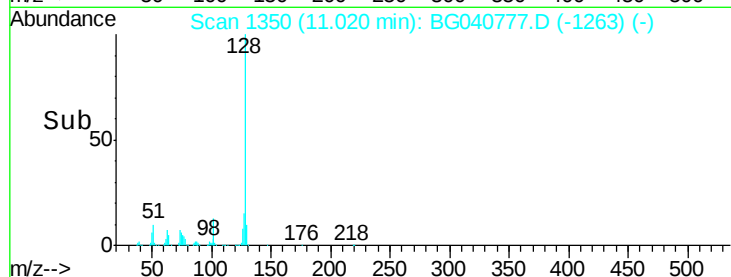
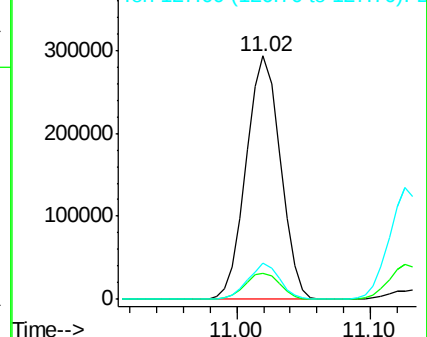
127 14.7 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 74.148 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.15 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

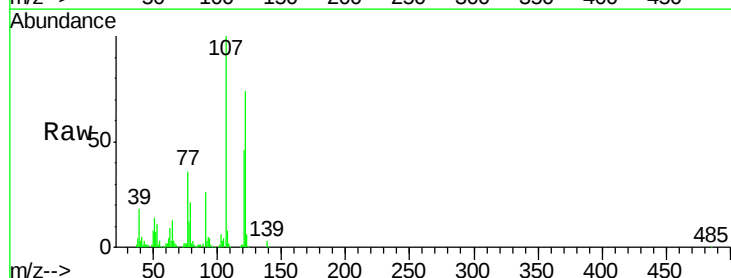
Tgt Ion:122 Resp: 138910

Ion Ratio Lower Upper

122 100

105 4.9 110.9 150.9#

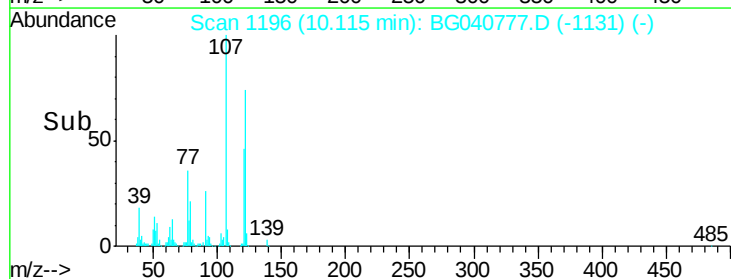
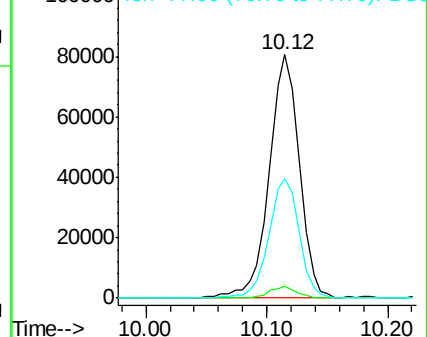
77 49.0 87.6 127.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

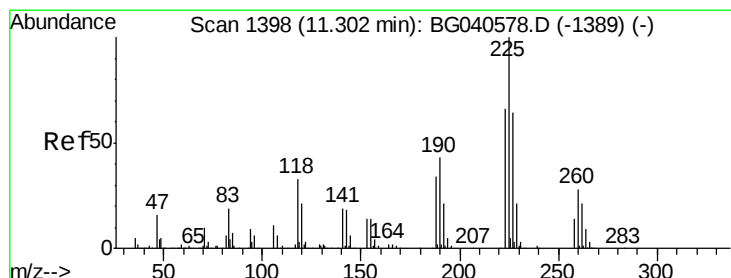
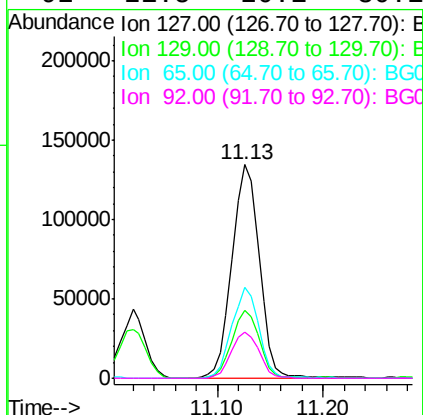
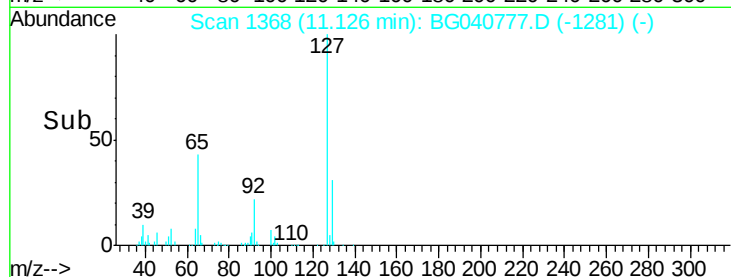
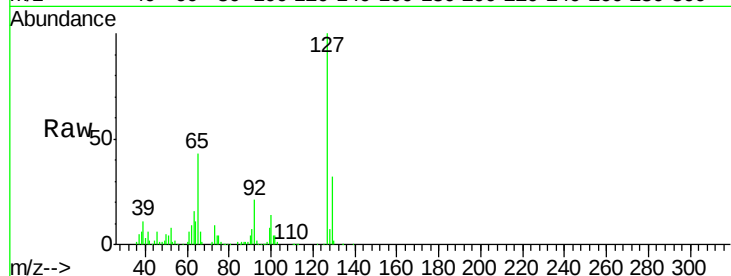




#33  
4-Chloroaniline  
Concen: 58.188 ng  
RT: 11.13 min Scan# 1368  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

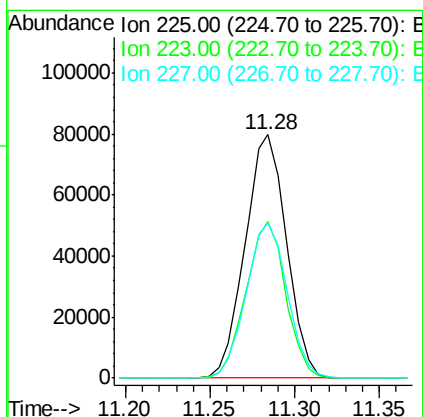
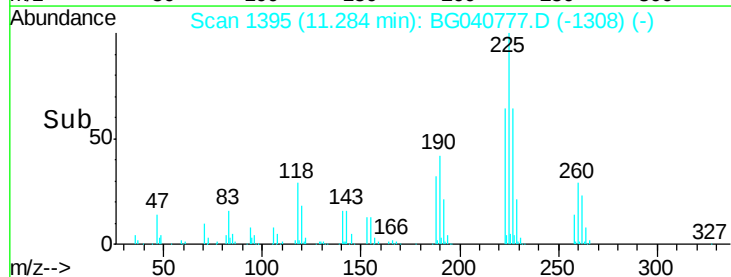
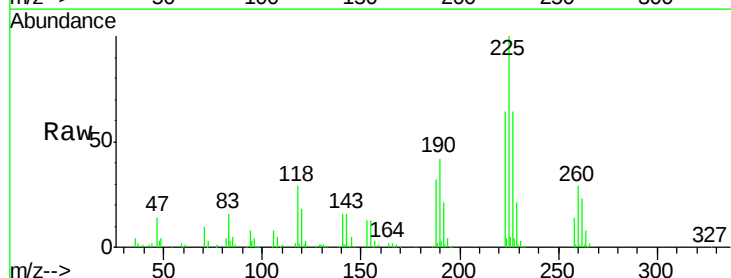
Instrument :  
BNA\_G  
ClientSampleId :  
MW-4-20190502MSD

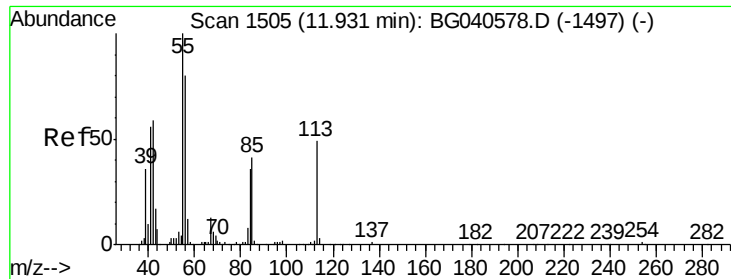
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 241524 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 25.7  | 38.5   |
| 65       | 42.8  | 36.1  | 54.1   |
| 92       | 21.5  | 20.1  | 30.1   |



#34  
Hexachlorobutadiene  
Concen: 53.057 ng  
RT: 11.28 min Scan# 1395  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 135142 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.3  | 50.4  | 75.6   |
| 227      | 64.0  | 51.0  | 76.6   |





#35

Caprolactam

Concen: 11.882 ng

RT: 11.89 min Scan# 1498

Delta R.T. -0.04 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

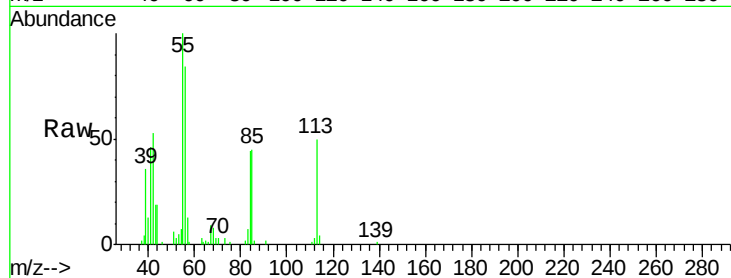
Tot Ion:113 Resp: 14595

Ion Ratio Lower Upper

113 100

55 200.7 198.6 238.6

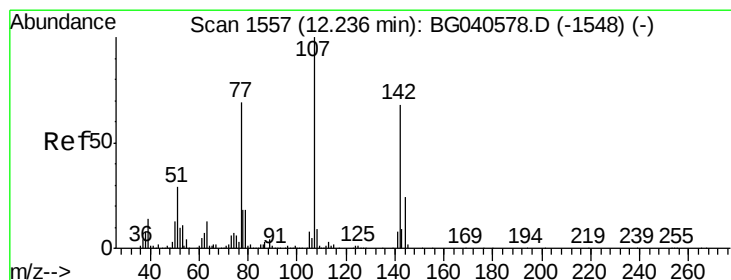
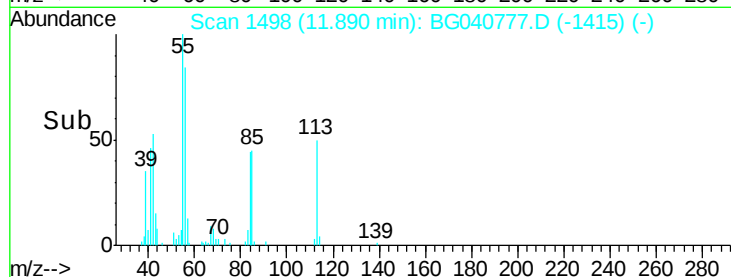
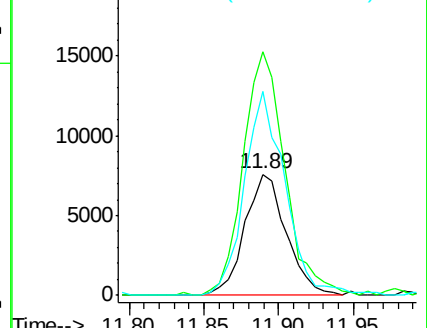
56 167.8 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 54.192 ng

RT: 12.22 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

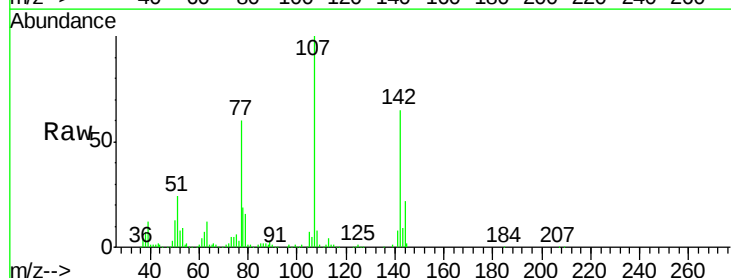
Tgt Ion:107 Resp: 212690

Ion Ratio Lower Upper

107 100

144 22.2 19.3 28.9

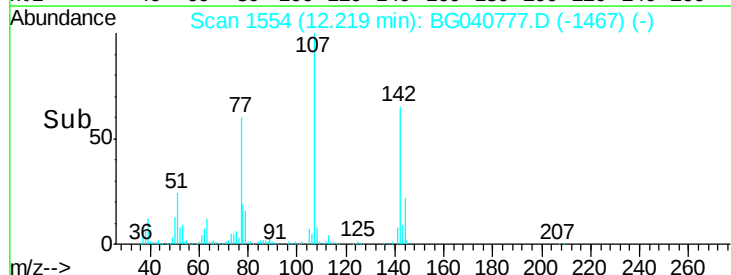
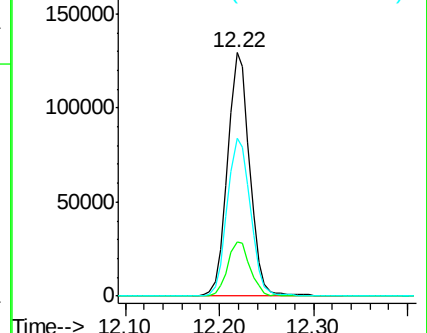
142 65.0 54.6 81.8

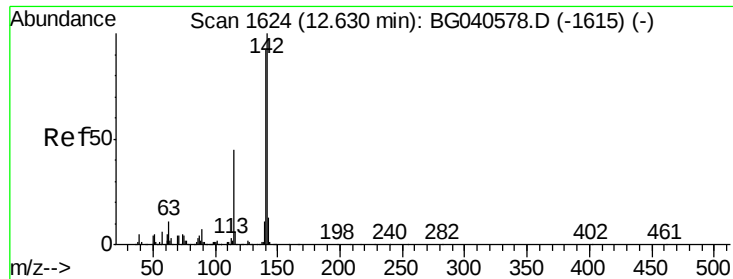


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

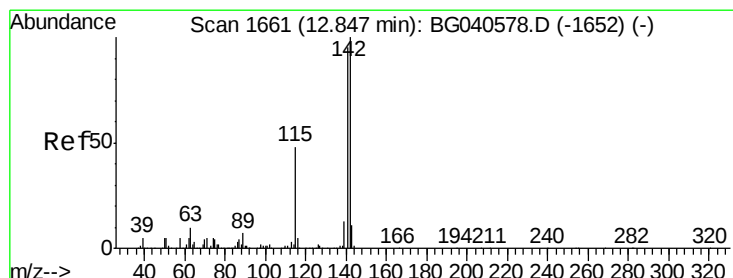
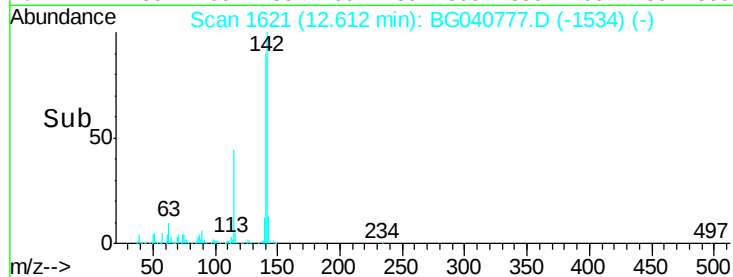
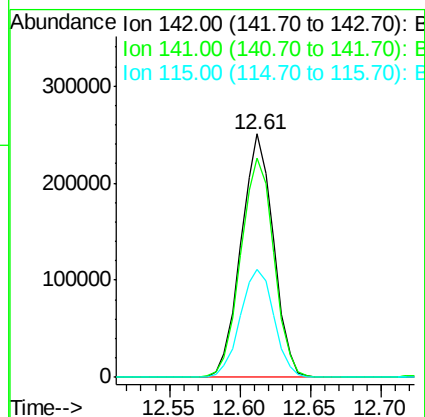
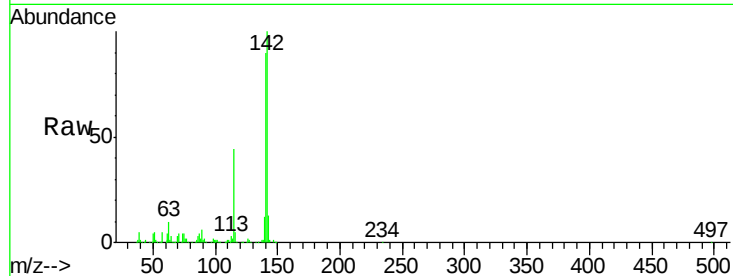




#37  
2-Methylnaphthalene  
Concen: 57.483 ng  
RT: 12.61 min Scan# 1621  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

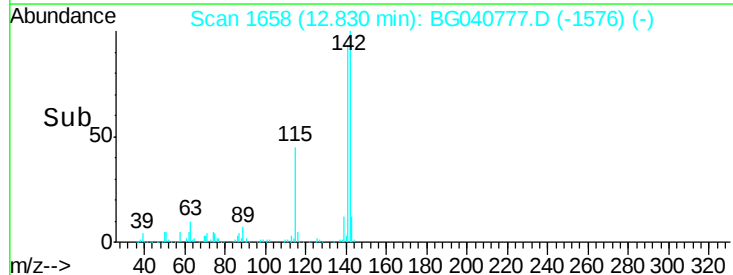
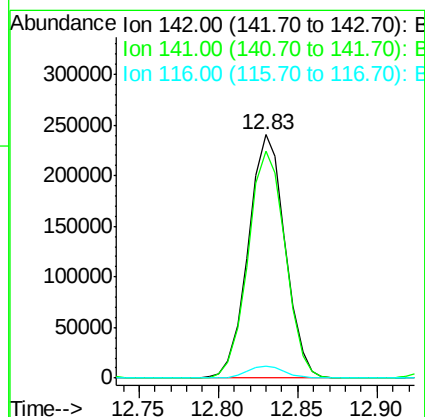
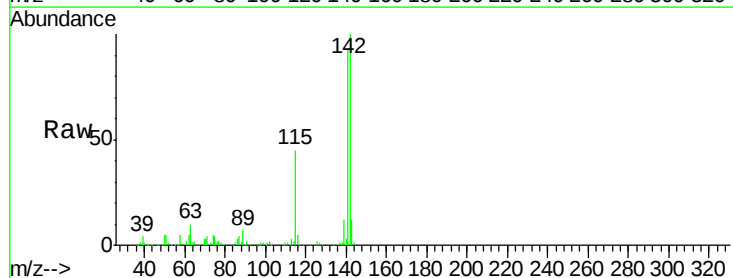
Instrument :  
BNA\_G  
ClientSampleId :  
MW-4-20190502MSD

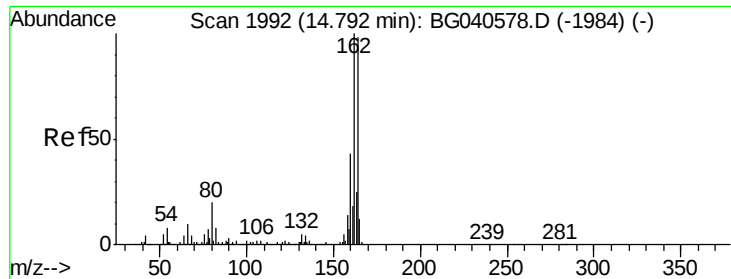
Tot Ion:142 Resp: 402349  
Ion Ratio Lower Upper  
142 100  
141 90.2 73.4 110.2  
115 44.3 36.2 54.4



#38  
1-Methylnaphthalene  
Concen: 56.685 ng  
RT: 12.83 min Scan# 1658  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

Tgt Ion:142 Resp: 387819  
Ion Ratio Lower Upper  
142 100  
141 93.1 75.9 113.9  
116 4.9 4.2 6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

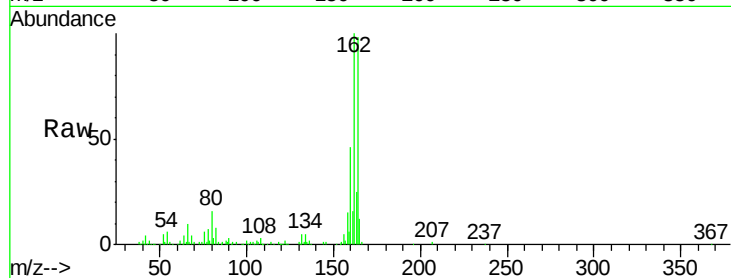
Tot Ion:164 Resp: 130255

Ion Ratio Lower Upper

164 100

162 101.6 81.9 122.9

160 46.3 35.4 53.2

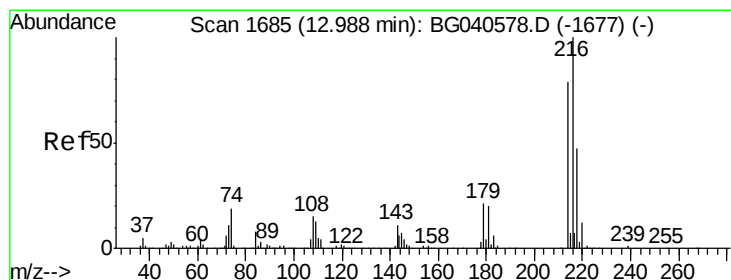
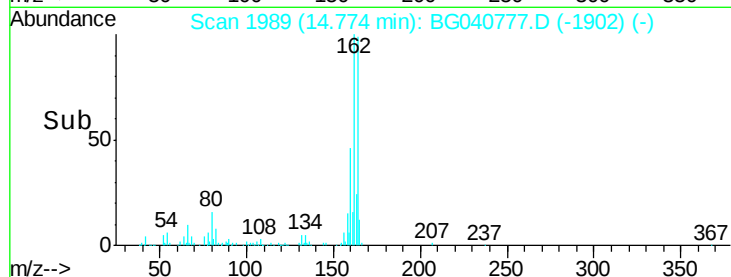
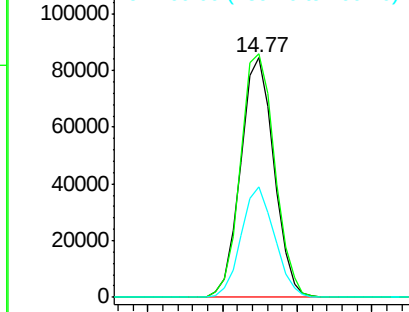


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.641 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:216 Resp: 284544

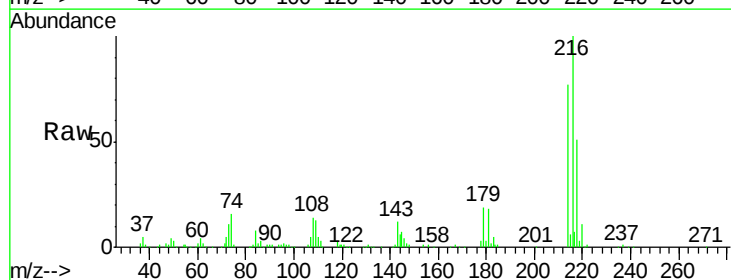
Ion Ratio Lower Upper

216 100

214 79.6 63.7 95.5

179 19.2 16.6 24.8

108 16.9 14.7 22.1



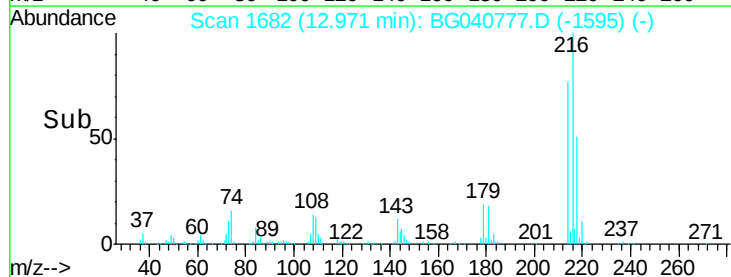
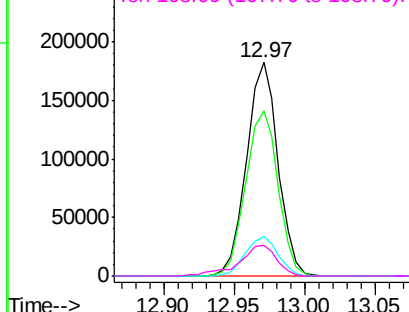
Abundance

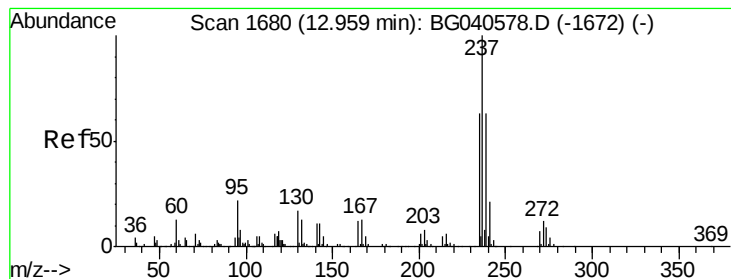
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 71.927 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

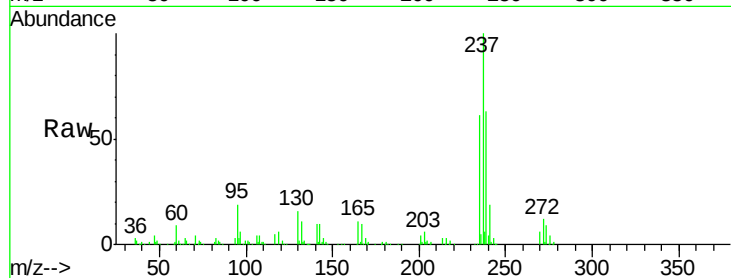
Tot Ion:237 Resp: 205947

Ion Ratio Lower Upper

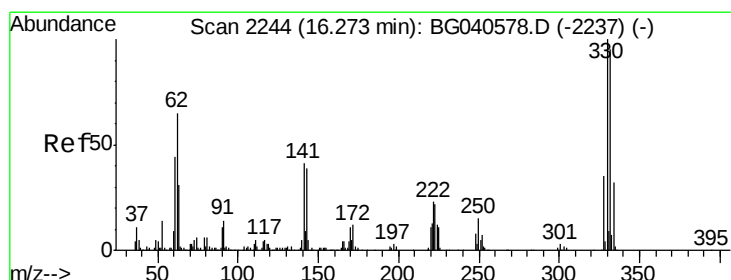
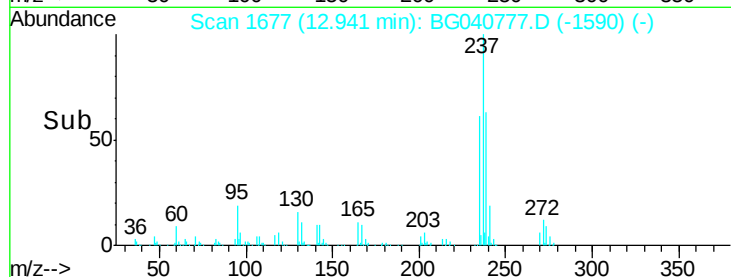
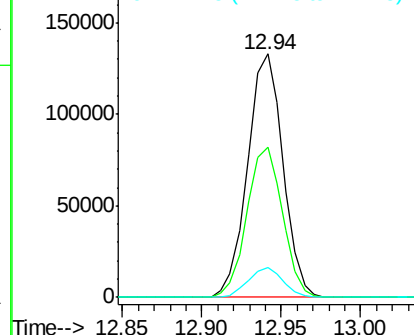
237 100

235 61.5 42.5 82.5

272 12.3 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 23.148 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

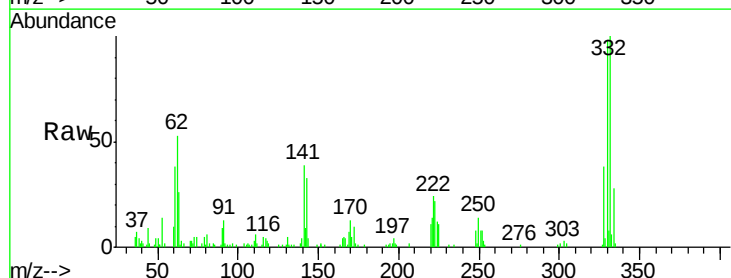
Tgt Ion:330 Resp: 41443

Ion Ratio Lower Upper

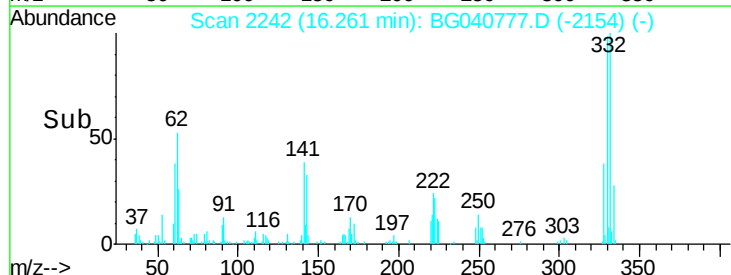
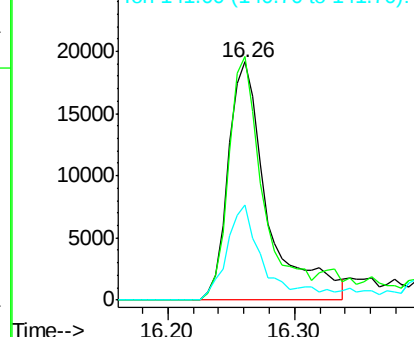
330 100

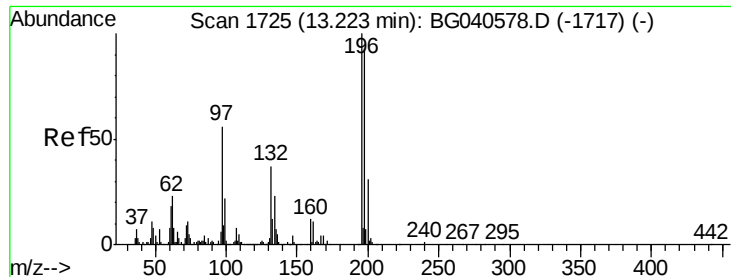
332 88.9 75.9 113.9

141 34.2 32.4 48.6



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

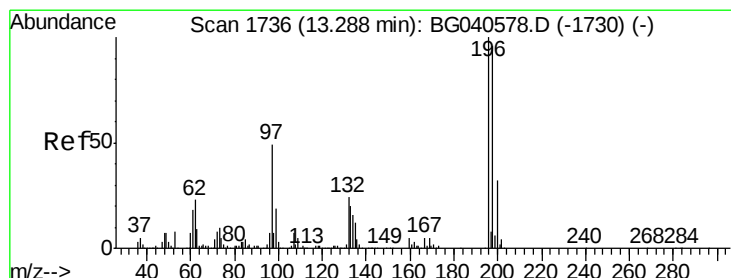
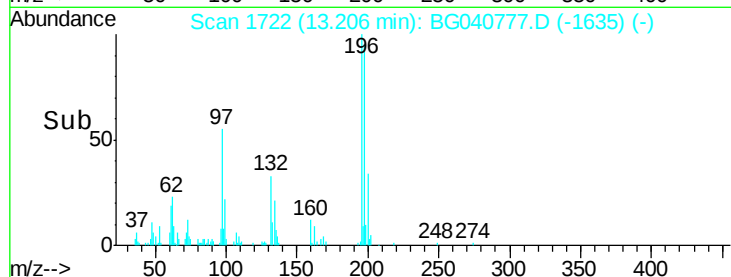
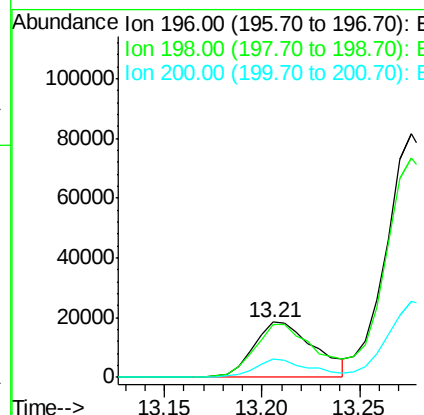
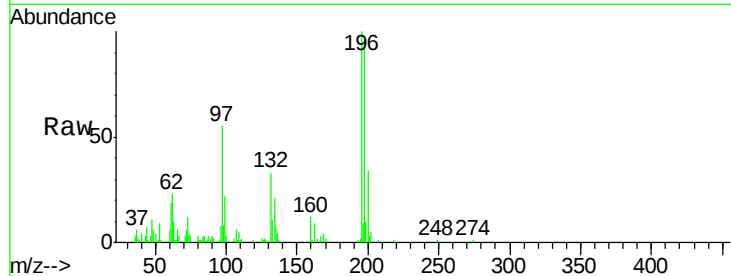




#43  
 2,4,6-Trichlorophenol  
 Concen: 13.741 ng  
 RT: 13.21 min Scan# 1722  
 Delta R.T. -0.02 min  
 Lab File: BG040777.D  
 Acq: 7 May 2019 19:46

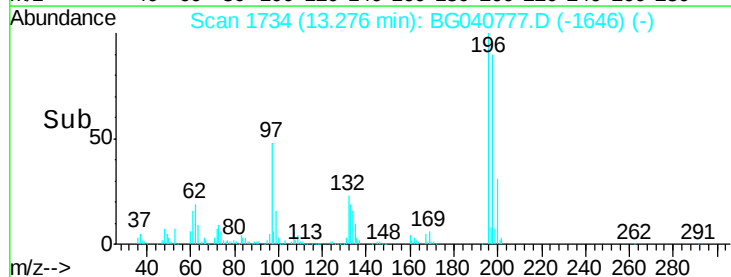
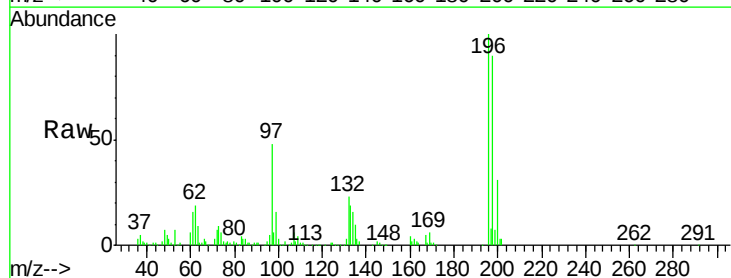
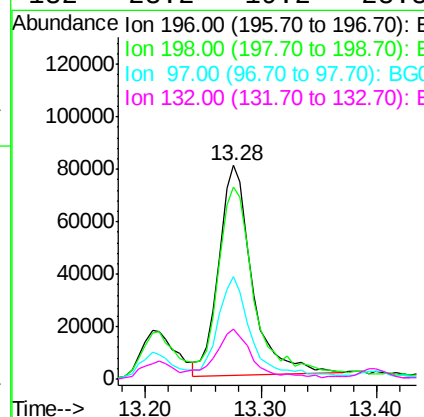
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-4-20190502MSD

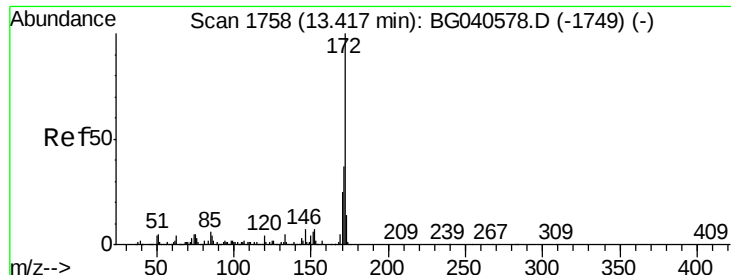
| Tot Ion   | 196   | Resp  | 40294 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 105.2 | 74.8  | 112.2 |
| 200       | 34.3  | 24.9  | 37.3  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 50.442 ng  
 RT: 13.28 min Scan# 1734  
 Delta R.T. -0.01 min  
 Lab File: BG040777.D  
 Acq: 7 May 2019 19:46

| Tgt Ion   | 196   | Resp  | 161128 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 90.1  | 77.0  | 115.6  |
| 97        | 47.9  | 40.0  | 60.0   |
| 132       | 23.2  | 19.2  | 28.8   |

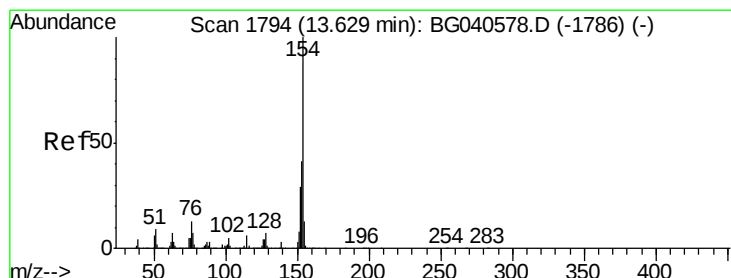
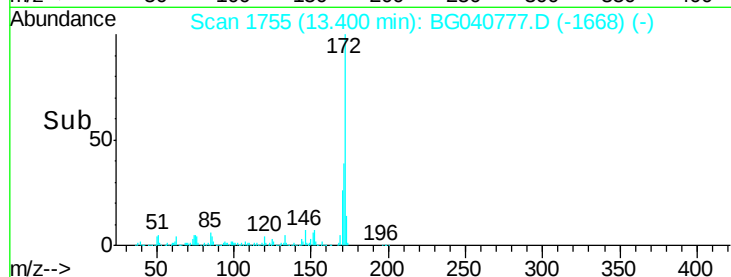
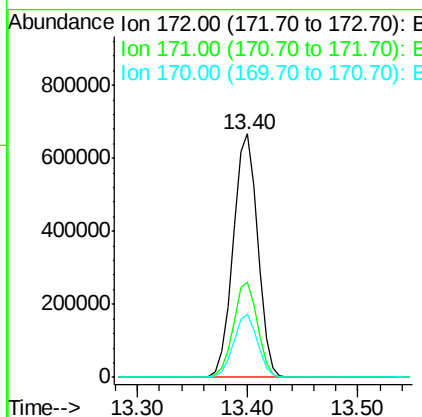
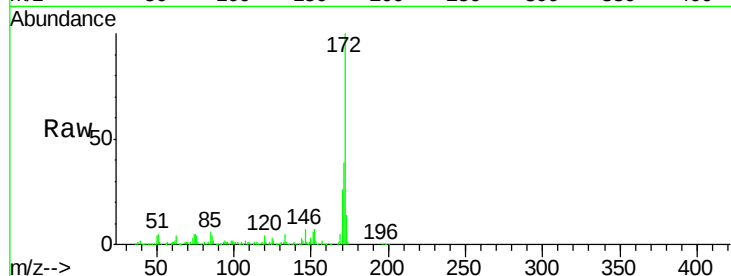




#45  
2-Fluorobiphenyl  
Concen: 115.229 ng  
RT: 13.40 min Scan# 1755  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

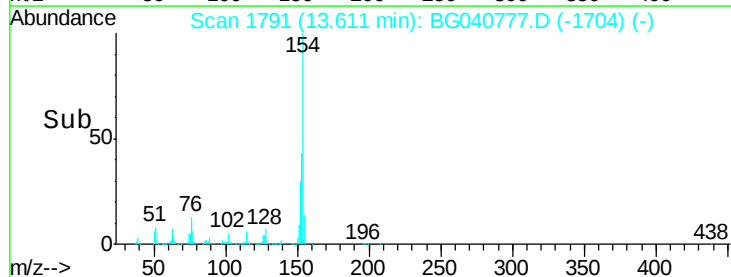
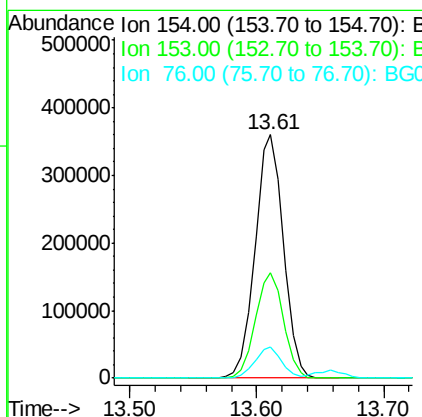
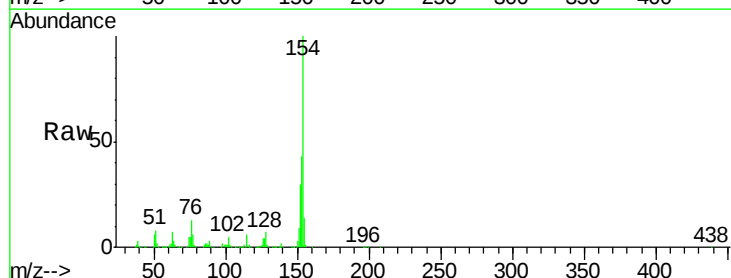
Instrument :  
BNA\_G  
ClientSampleId :  
MW-4-20190502MSD

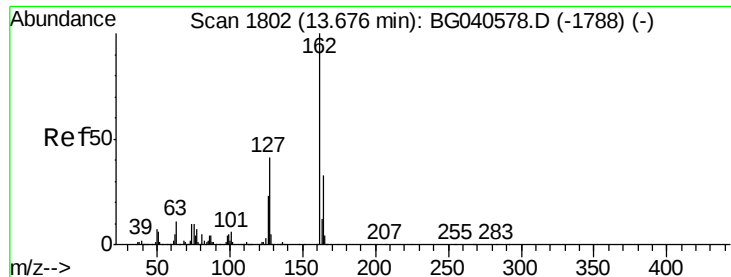
Tot Ion:172 Resp: 1039274  
Ion Ratio Lower Upper  
172 100  
171 39.2 29.4 44.2  
170 25.9 19.9 29.9



#46  
1,1'-Biphenyl  
Concen: 55.258 ng  
RT: 13.61 min Scan# 1791  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

Tgt Ion:154 Resp: 558829  
Ion Ratio Lower Upper  
154 100  
153 43.3 20.5 60.5  
76 12.6 0.0 32.5

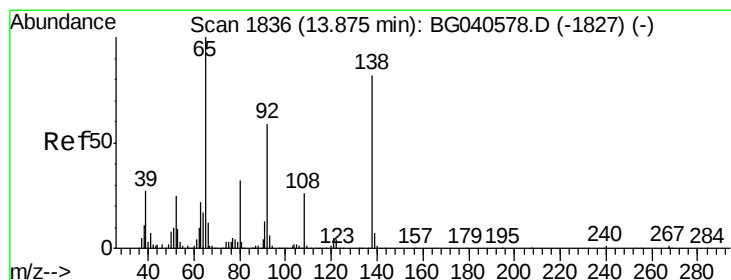
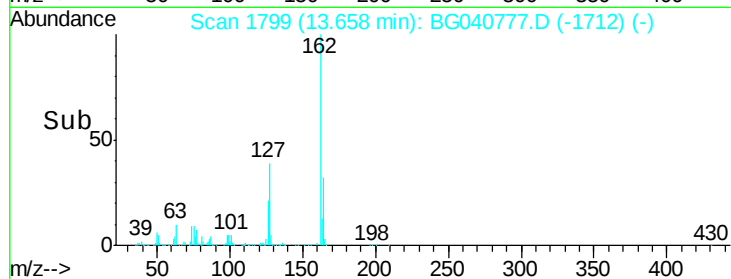
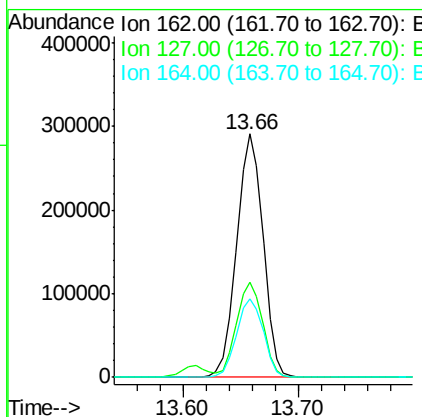
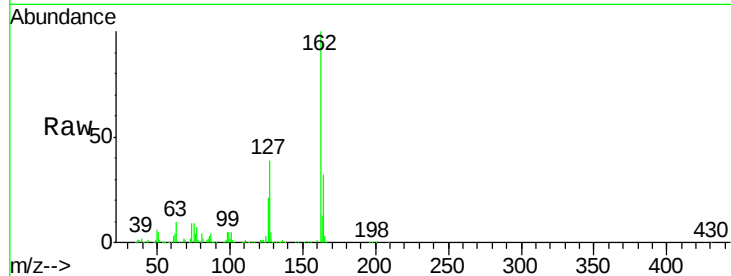




#47  
 2-Chloronaphthalene  
 Concen: 58.082 ng  
 RT: 13.66 min Scan# 1799  
 Delta R.T. -0.02 min  
 Lab File: BG040777.D  
 Acq: 7 May 2019 19:46

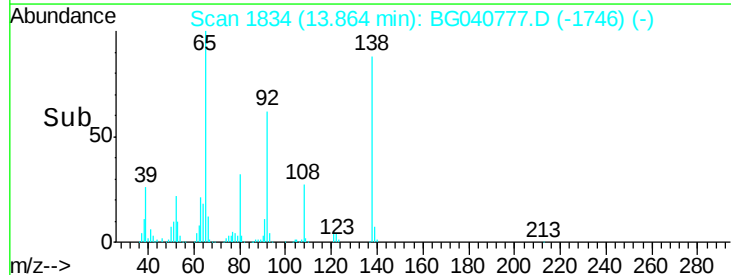
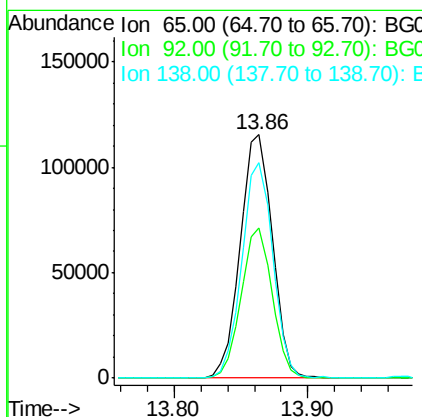
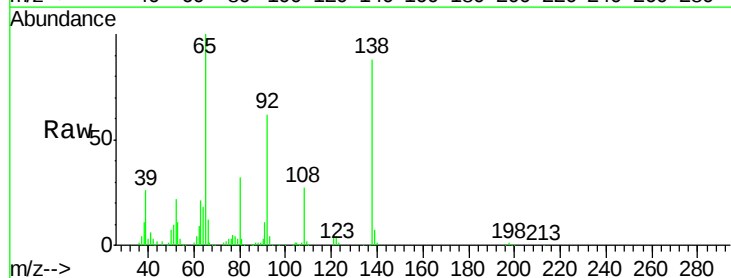
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-4-20190502MSD

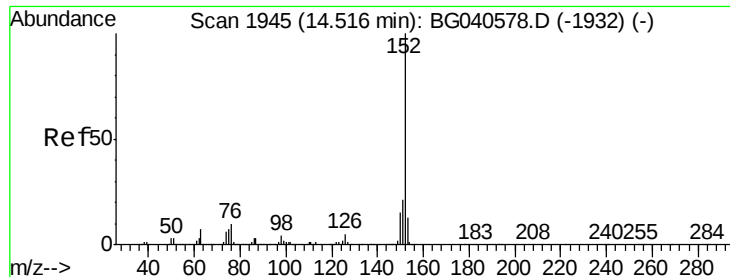
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.1  | 33.0  | 49.4  |
| 164     | 32.0  | 26.8  | 40.2  |



#48  
 2-Nitroaniline  
 Concen: 68.284 ng  
 RT: 13.86 min Scan# 1834  
 Delta R.T. -0.01 min  
 Lab File: BG040777.D  
 Acq: 7 May 2019 19:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.6  | 47.4  | 71.0  |
| 138     | 88.3  | 66.1  | 99.1  |





#49

Acenaphthylene

Concen: 54.555 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

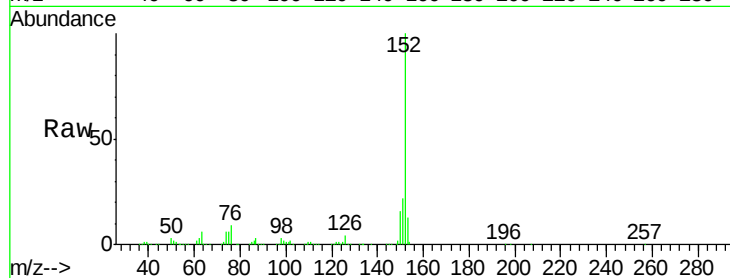
Tot Ion:152 Resp: 732547

Ion Ratio Lower Upper

152 100

151 22.0 17.2 25.8

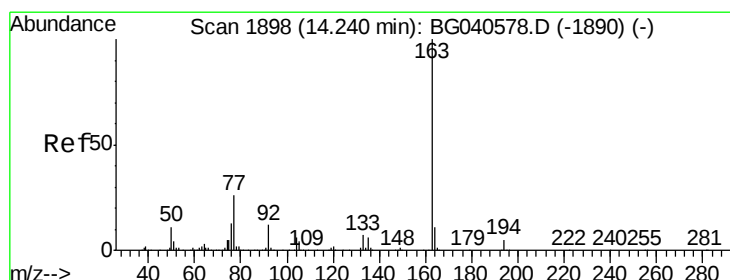
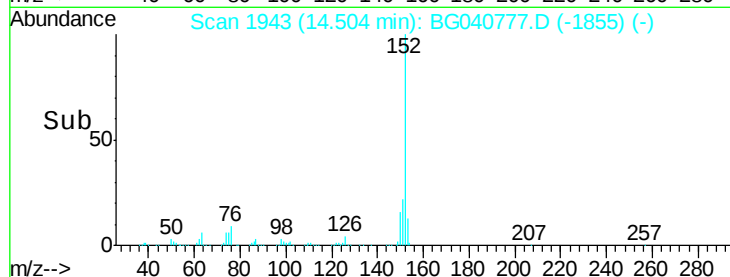
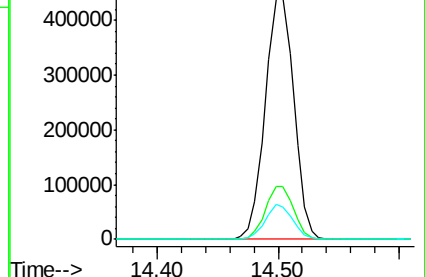
153 13.5 10.7 16.1



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: 60.549 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

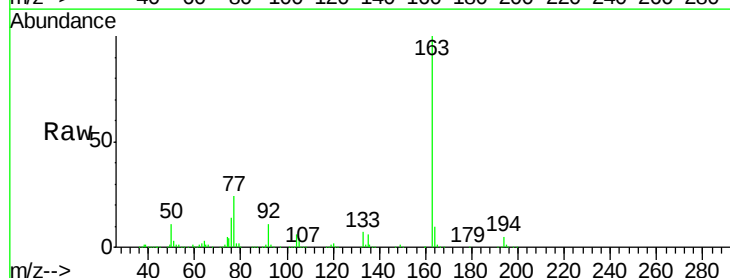
Tgt Ion:163 Resp: 659874

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.8

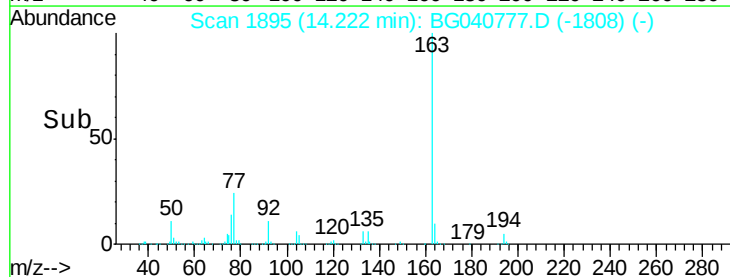
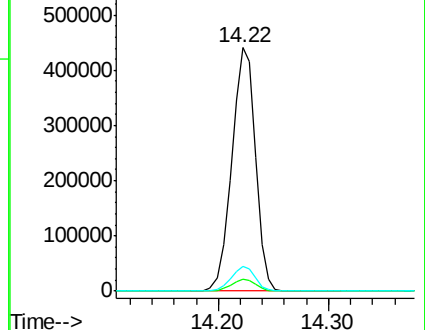
164 10.2 8.8 13.2

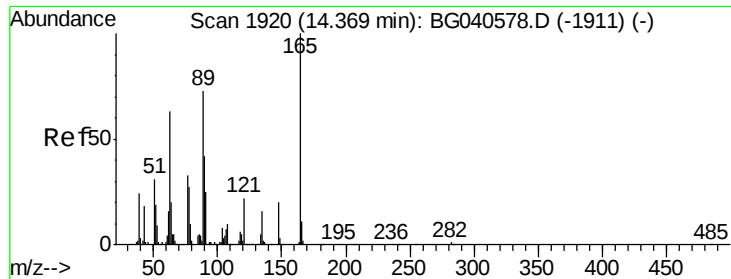


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 67.201 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

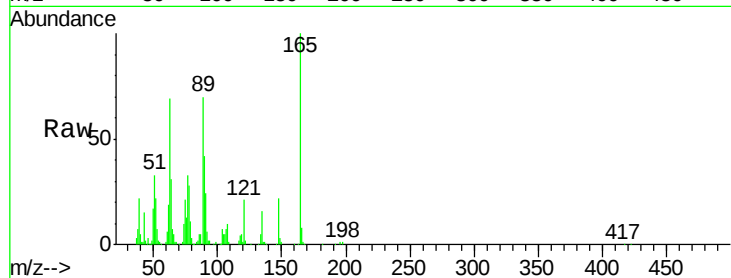
Tot Ion:165 Resp: 142936

Ion Ratio Lower Upper

165 100

63 69.0 61.0 91.4

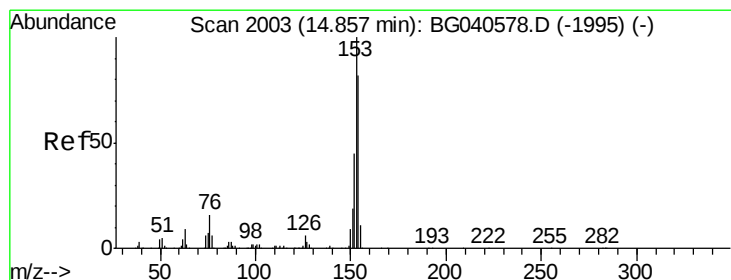
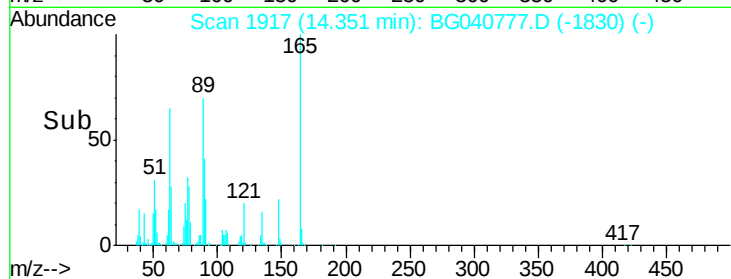
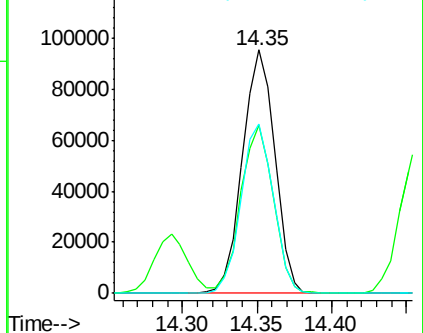
89 69.5 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 54.762 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

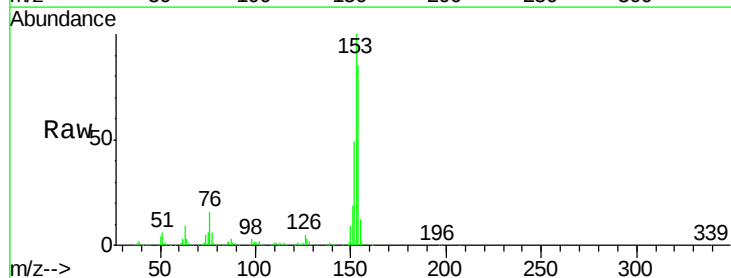
Tgt Ion:154 Resp: 428227

Ion Ratio Lower Upper

154 100

153 117.3 97.0 145.6

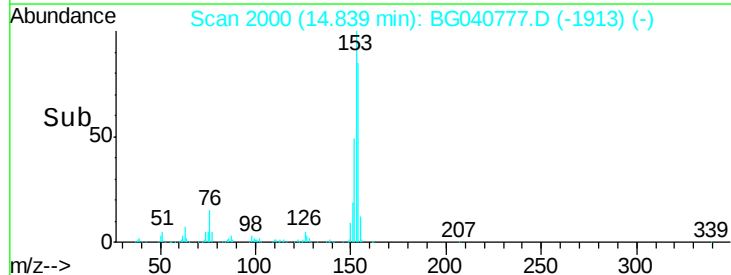
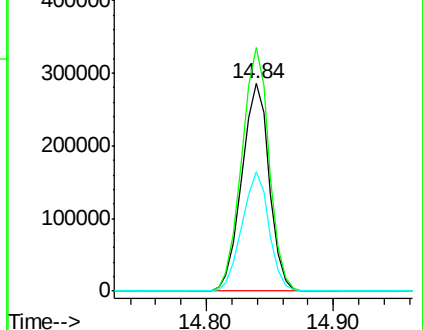
152 57.8 44.1 66.1

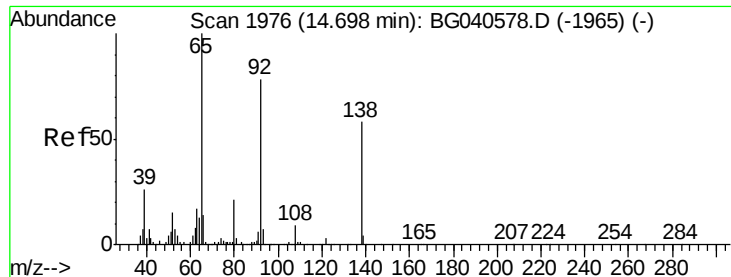


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

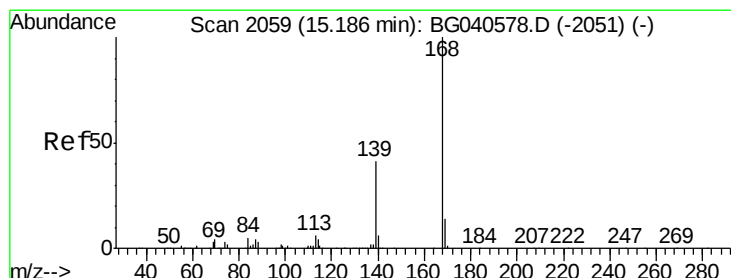
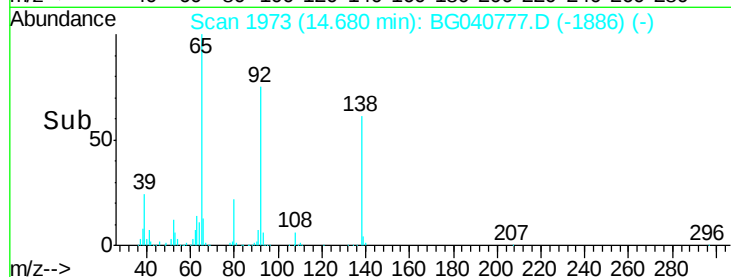
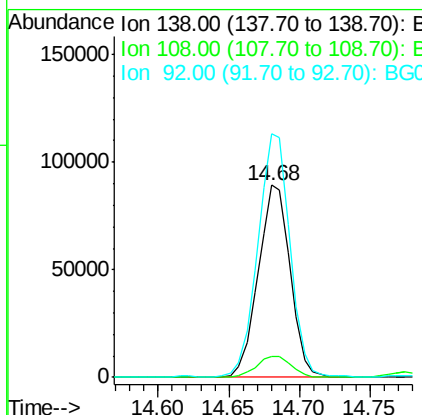
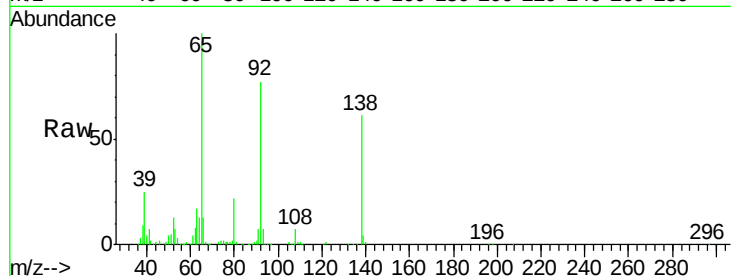




#53  
3-Nitroaniline  
Concen: 65.312 ng  
RT: 14.68 min Scan# 1973  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

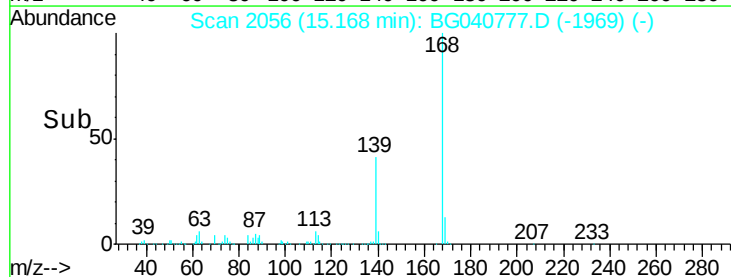
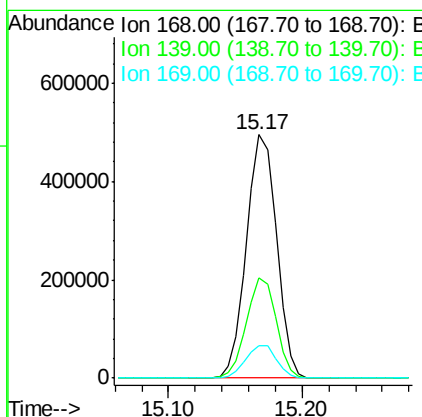
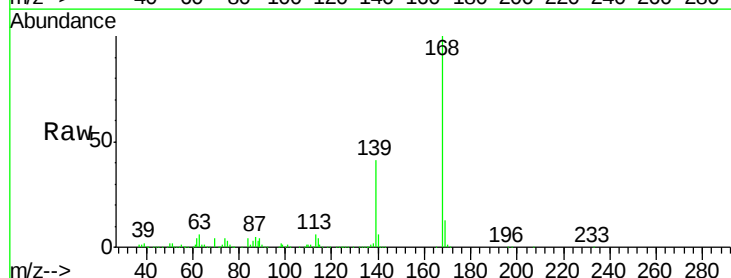
Instrument :  
BNA\_G  
ClientSampleId :  
MW-4-20190502MSD

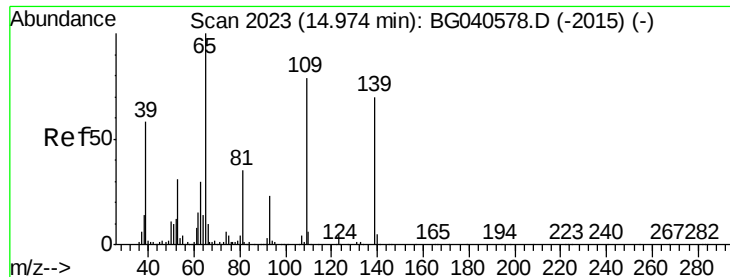
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.2  | 12.4  | 18.6# |
| 92      | 126.8 | 108.6 | 162.8 |



#55  
Dibenzofuran  
Concen: 60.104 ng  
RT: 15.17 min Scan# 2056  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.0  | 33.0  | 49.4  |
| 169     | 13.5  | 11.0  | 16.4  |

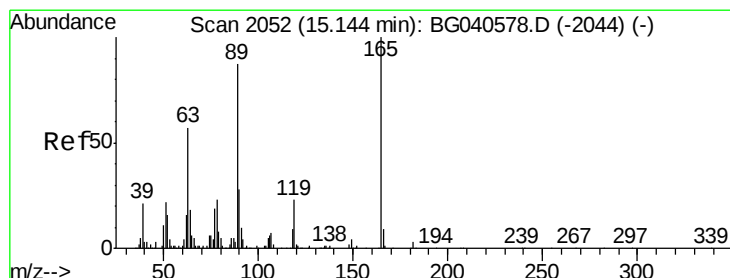
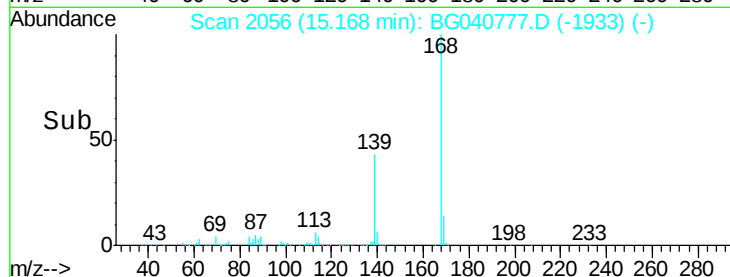
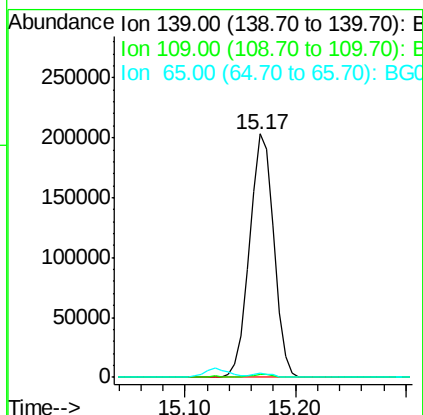
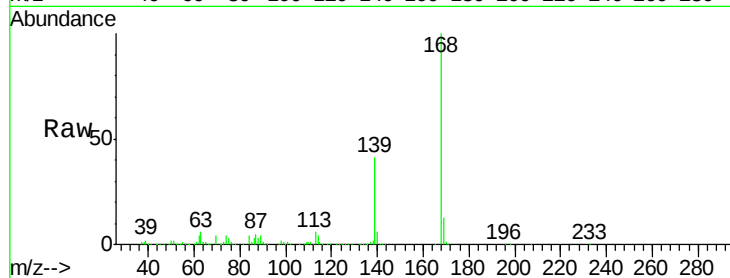




#56  
4-Nitrophenol  
Concen: 165.930 ng  
RT: 15.17 min Scan# 2056  
Delta R.T. 0.19 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

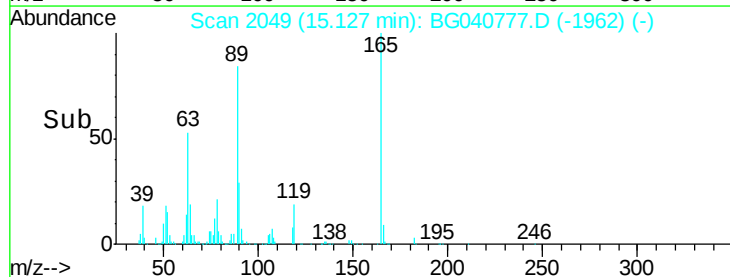
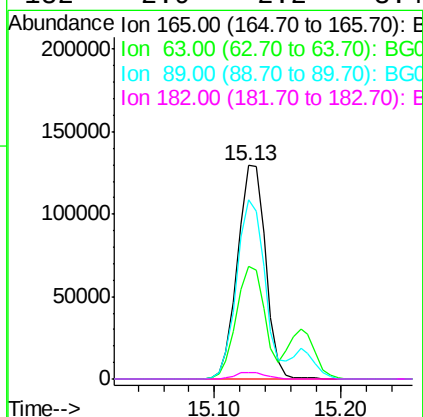
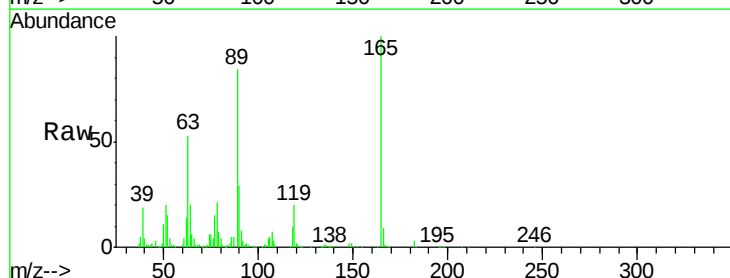
Instrument :  
BNA\_G  
ClientSampleId :  
MW-4-20190502MSD

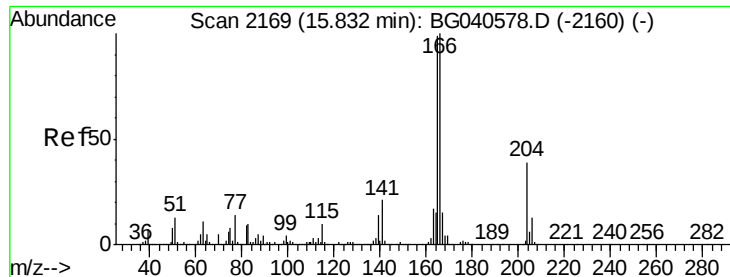
Tot Ion:139 Resp: 313563  
Ion Ratio Lower Upper  
139 100  
109 1.4 93.8 133.8#  
65 1.7 122.7 162.7#



#57  
2,4-Dinitrotoluene  
Concen: 68.714 ng  
RT: 15.13 min Scan# 2049  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

Tgt Ion:165 Resp: 198600  
Ion Ratio Lower Upper  
165 100  
63 53.0 45.8 68.8  
89 84.0 69.4 104.2  
182 2.9 2.2 3.4





#58

Fluorene

Concen: 58.951 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

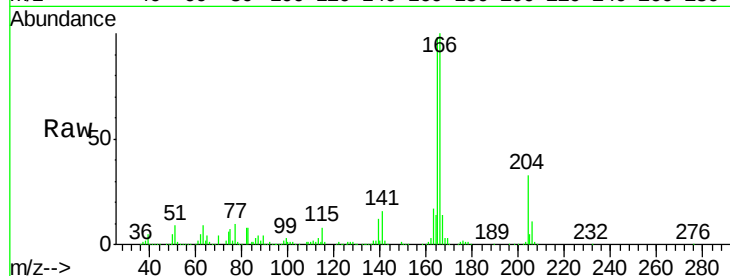
Tot Ion:166 Resp: 610290

Ion Ratio Lower Upper

166 100

165 97.7 79.6 119.4

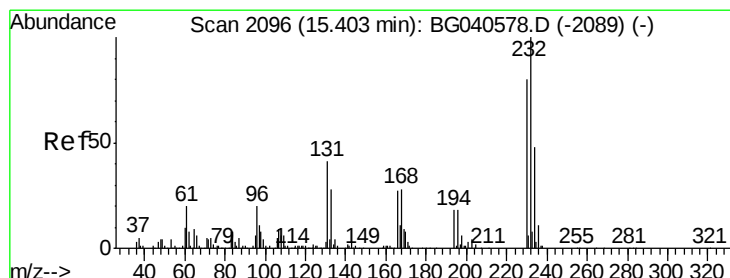
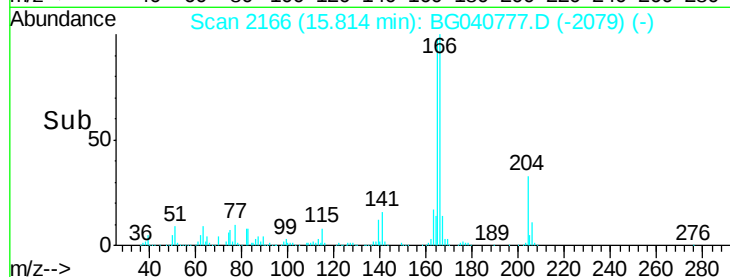
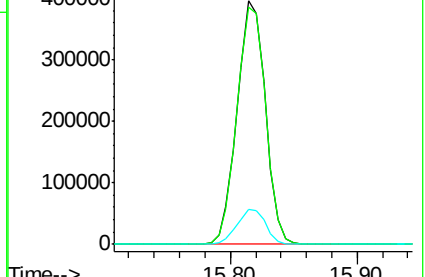
167 14.4 12.2 18.2



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: 2.104 ng

RT: 15.39 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:232 Resp: 6764

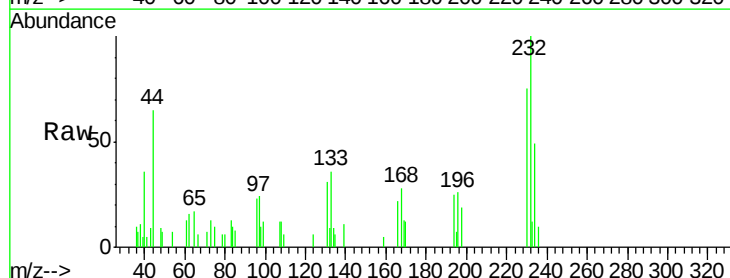
Ion Ratio Lower Upper

232 100

131 32.6 33.0 49.4#

130 0.0 2.0 3.0#

166 0.0 22.1 33.1#

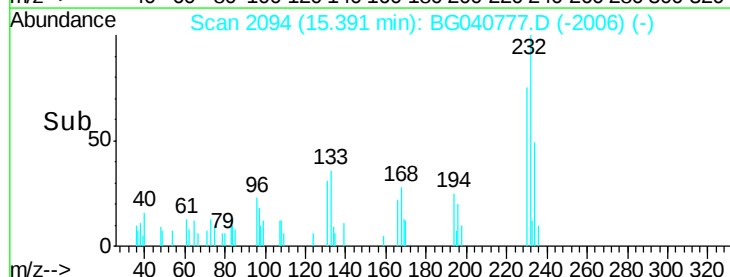
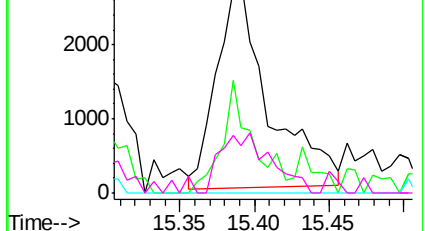


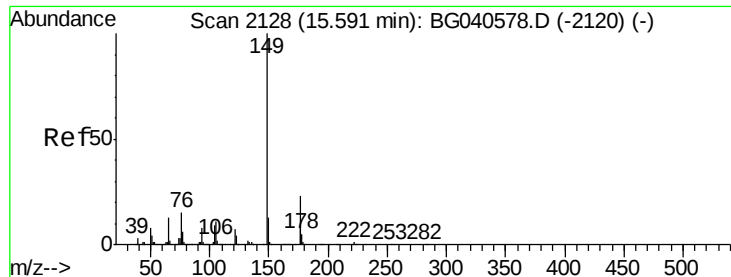
Abundance Ion 232.00 (231.70 to 232.70): E

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: 59.763 ng

RT: 15.57 min Scan# 2124

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

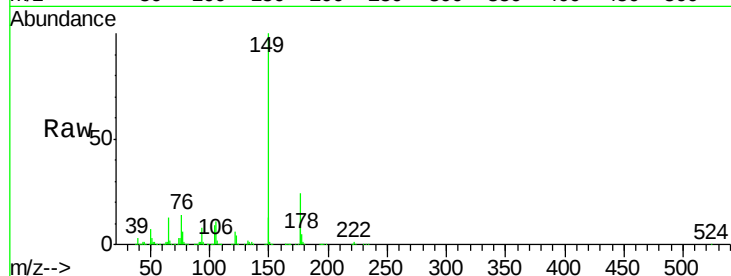
Tot Ion:149 Resp: 687187

Ion Ratio Lower Upper

149 100

177 23.8 18.5 27.7

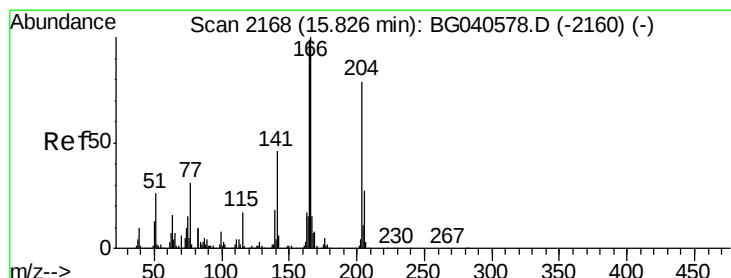
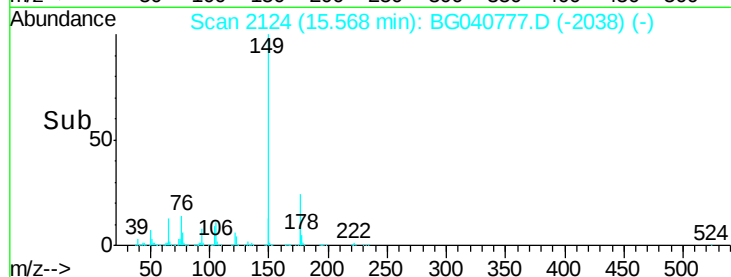
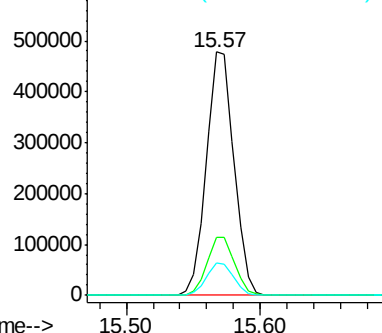
150 13.4 10.2 15.4



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: 62.414 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

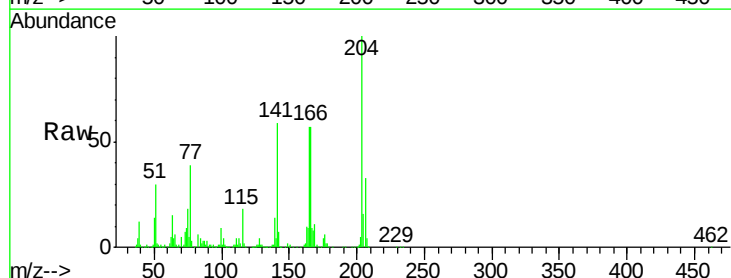
Tgt Ion:204 Resp: 375798

Ion Ratio Lower Upper

204 100

206 33.0 27.4 41.2

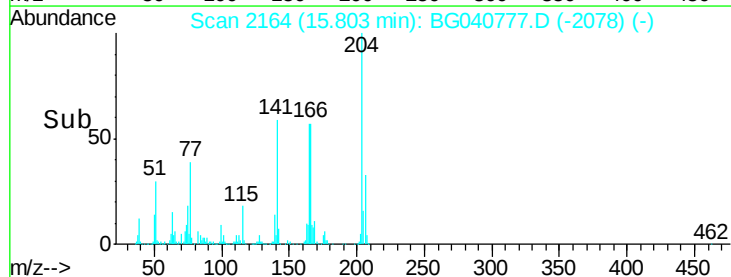
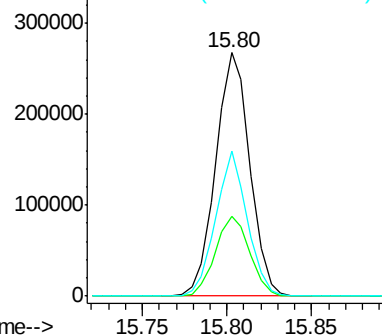
141 59.3 46.0 69.0

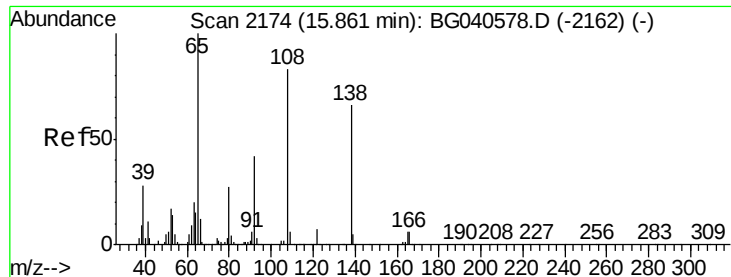


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 61.541 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

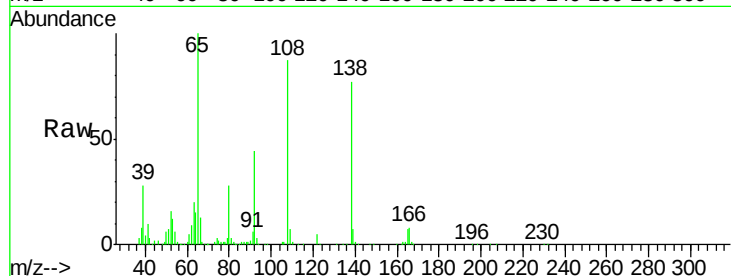
Tot Ion:138 Resp: 150028

Ion Ratio Lower Upper

138 100

92 56.9 43.9 83.9

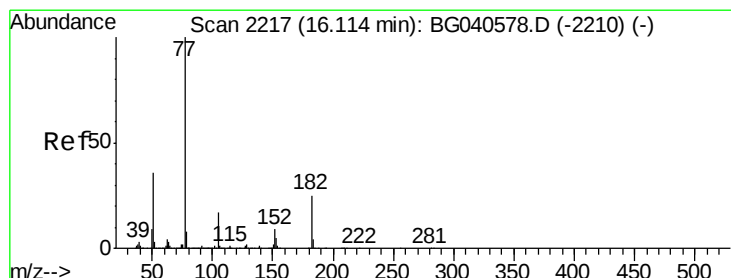
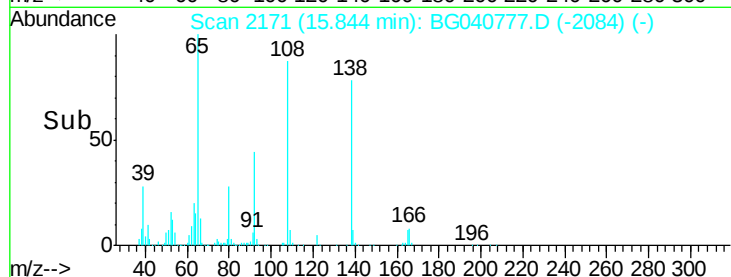
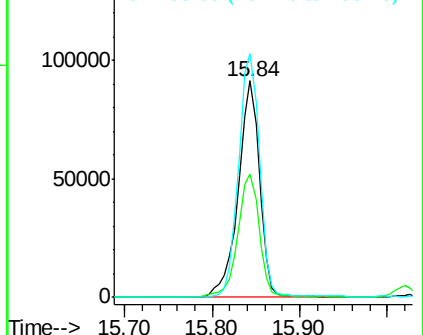
108 112.5 106.5 146.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 55.220 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion: 77 Resp: 653896

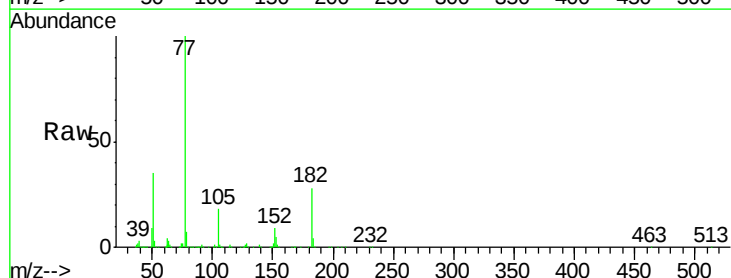
Ion Ratio Lower Upper

77 100

182 27.7 5.0 45.0

105 17.9 0.0 37.6

51 34.9 16.3 56.3

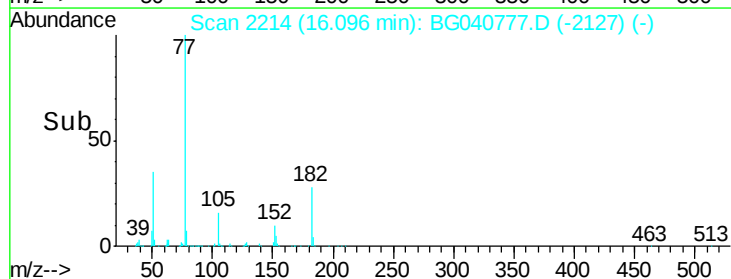
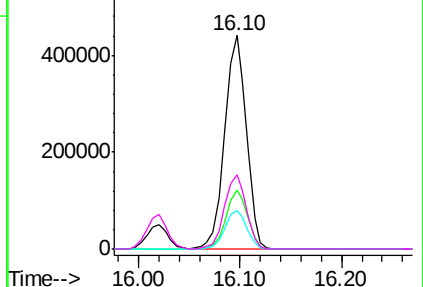


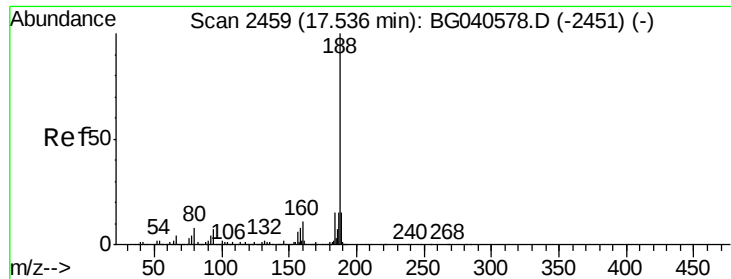
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

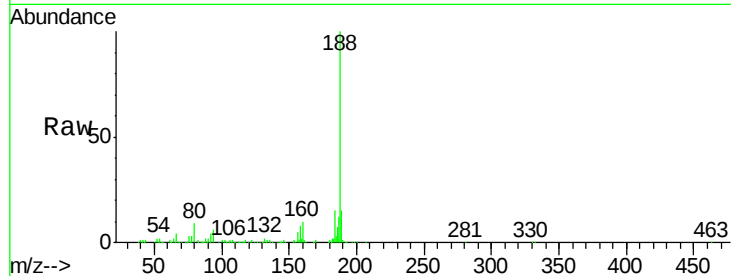
Tot Ion:188 Resp: 351554

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

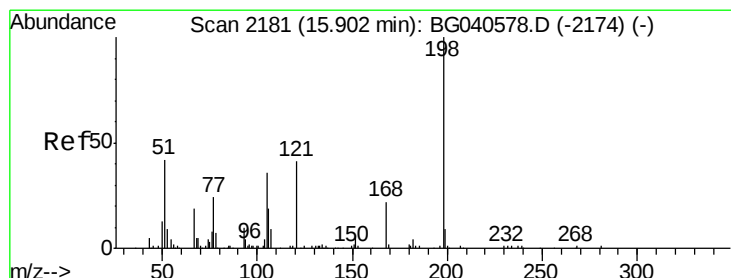
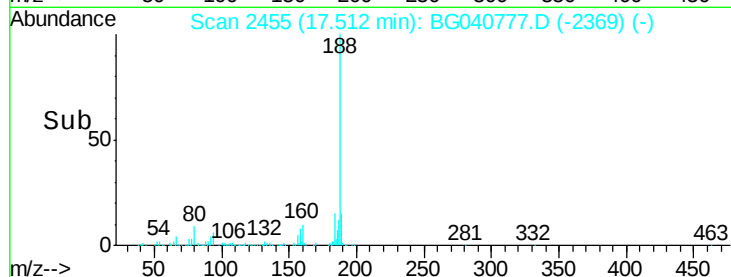
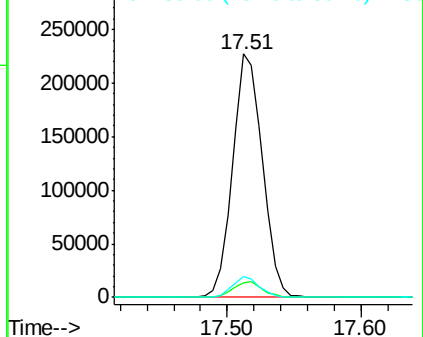
80 8.5 6.4 9.6



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: 7.151 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

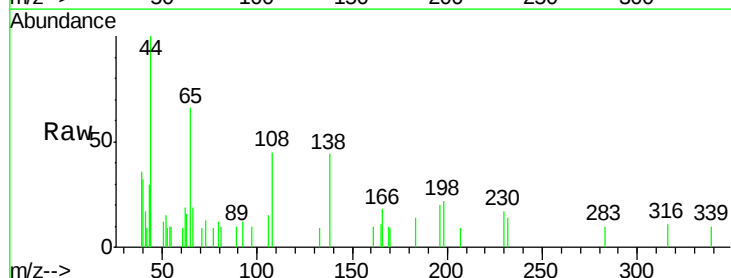
Tgt Ion:198 Resp: 101

Ion Ratio Lower Upper

198 100

51 55.8 35.9 75.9

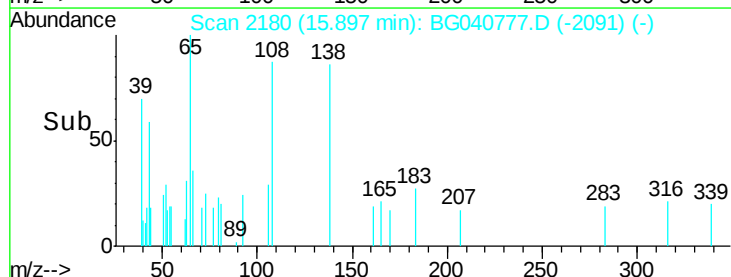
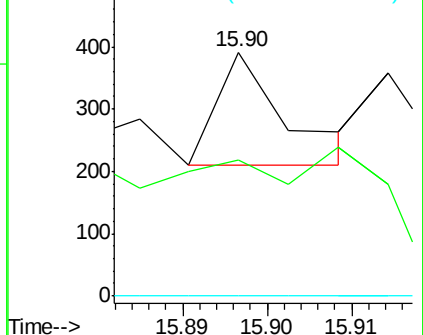
105 0.0 21.2 61.2#

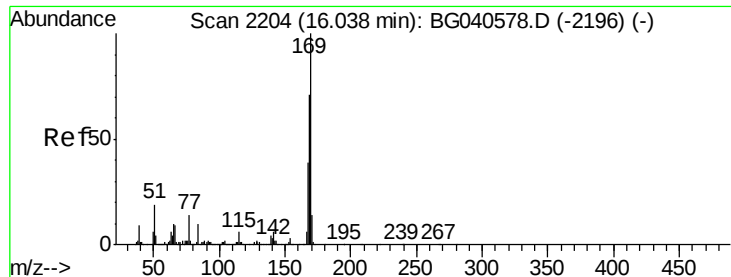


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

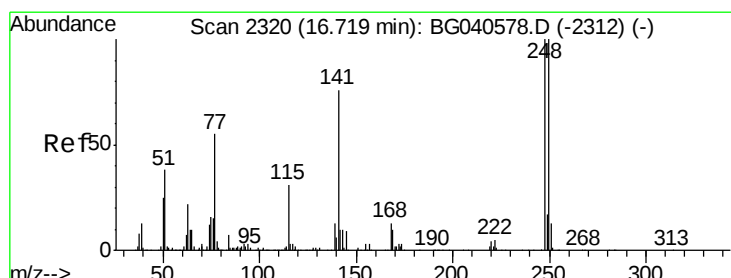
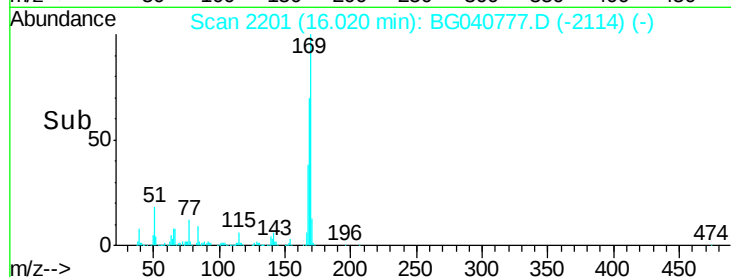
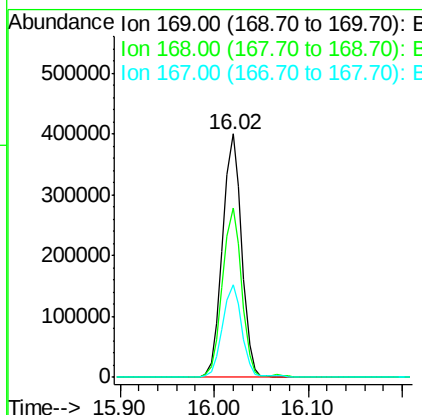
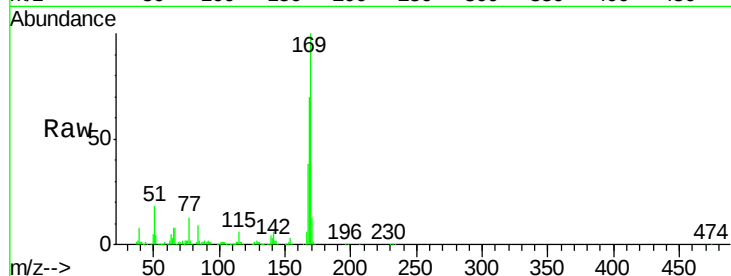




#66  
n-Nitrosodiphenylamine  
Concen: 55.126 ng  
RT: 16.02 min Scan# 2201  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

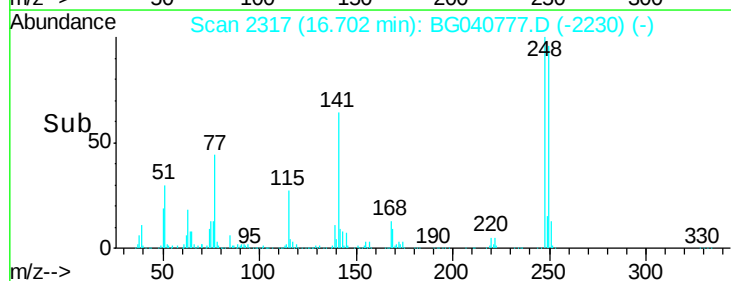
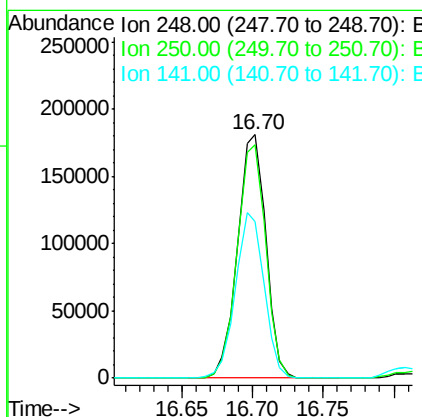
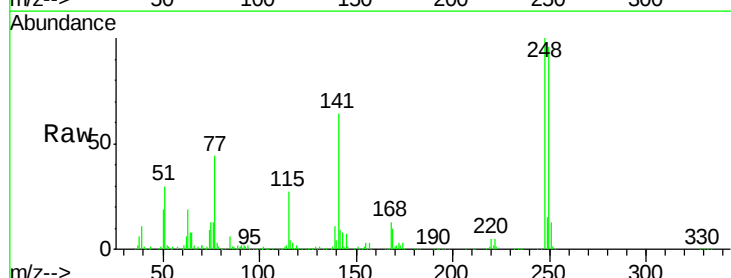
Instrument :  
BNA\_G  
ClientSampleId :  
MW-4-20190502MSD

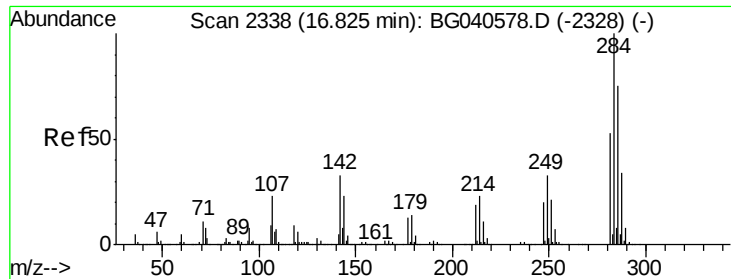
Tot Ion:169 Resp: 570176  
Ion Ratio Lower Upper  
169 100  
168 69.7 56.8 85.2  
167 37.8 31.4 47.0



#67  
4-Bromophenyl-phenylether  
Concen: 58.030 ng  
RT: 16.70 min Scan# 2317  
Delta R.T. -0.02 min  
Lab File: BG040777.D  
Acq: 7 May 2019 19:46

Tgt Ion:248 Resp: 254165  
Ion Ratio Lower Upper  
248 100  
250 96.0 79.8 119.6  
141 64.5 60.8 91.2





#68

Hexachlorobenzene

Concen: 58.391 ng

RT: 16.81 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

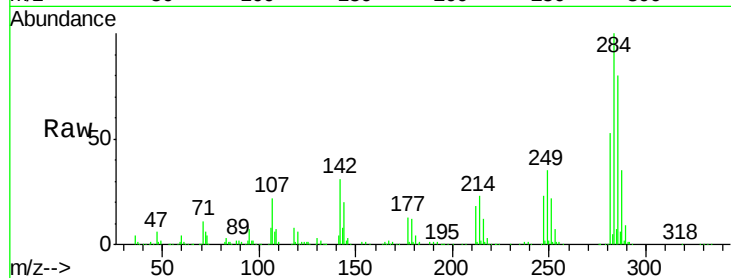
Tot Ion:284 Resp: 264441

Ion Ratio Lower Upper

284 100

142 31.2 26.6 40.0

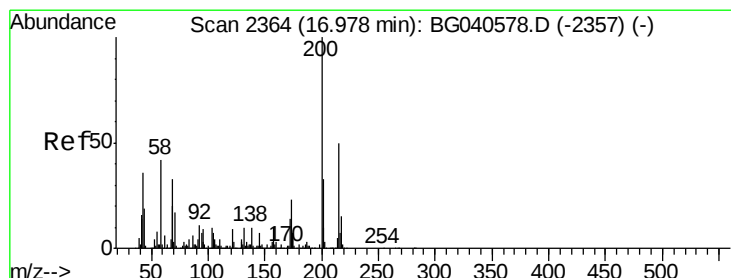
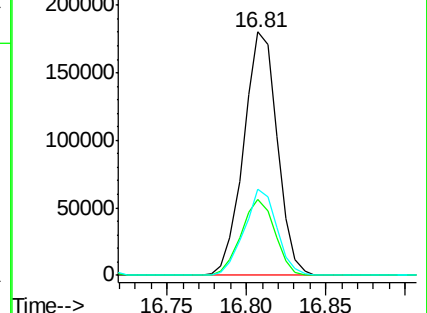
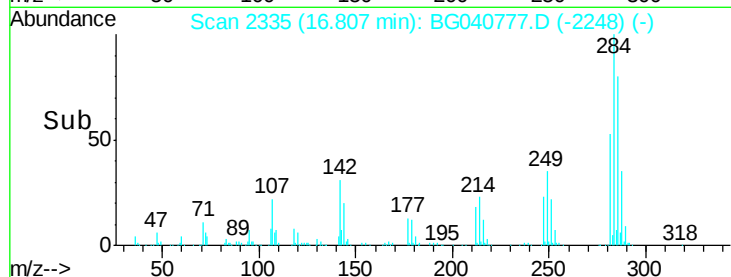
249 35.5 26.0 39.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 61.522 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

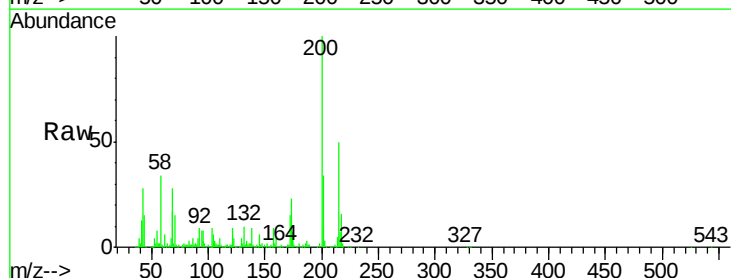
Tgt Ion:200 Resp: 252109

Ion Ratio Lower Upper

200 100

173 23.1 2.8 42.8

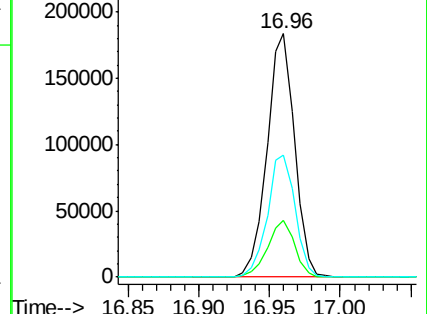
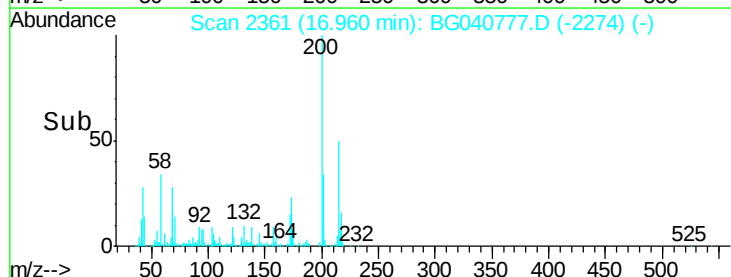
215 50.3 30.2 70.2

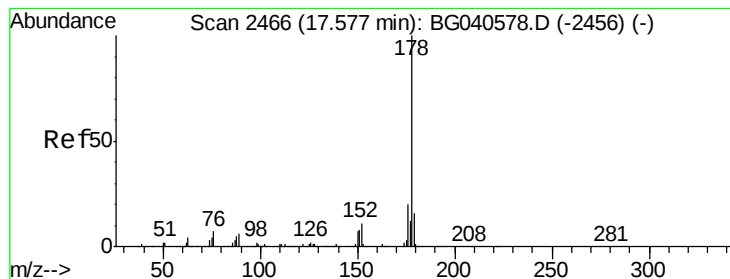


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#71

Phenanthrene

Concen: 55.819 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

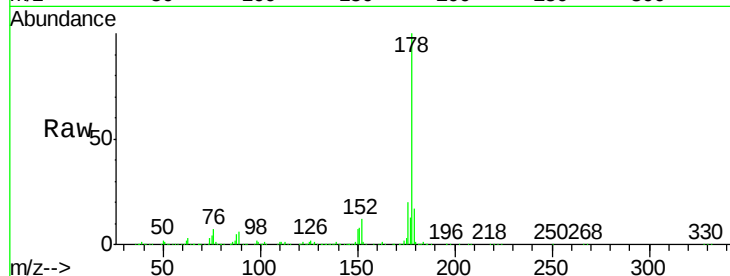
Tot Ion:178 Resp: 1056966

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.6

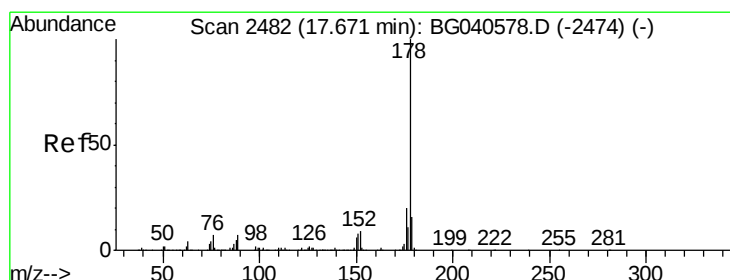
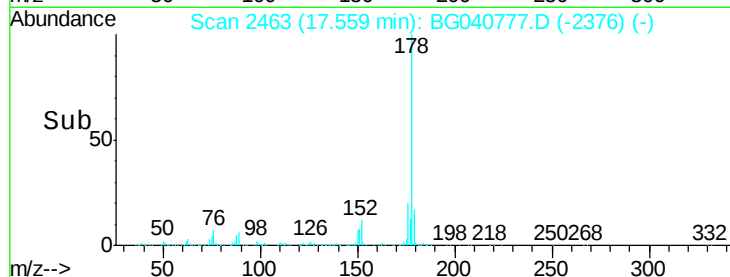
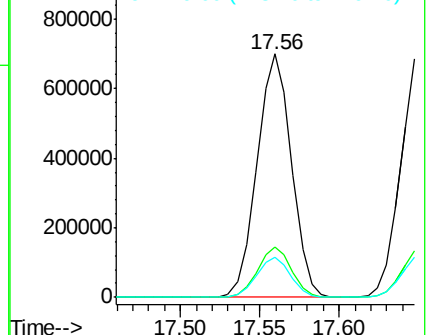
179 16.5 12.6 18.8



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: 56.831 ng

RT: 17.65 min Scan# 2478

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

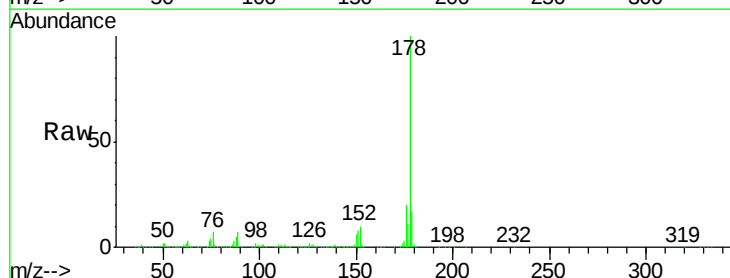
Tgt Ion:178 Resp: 1081692

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

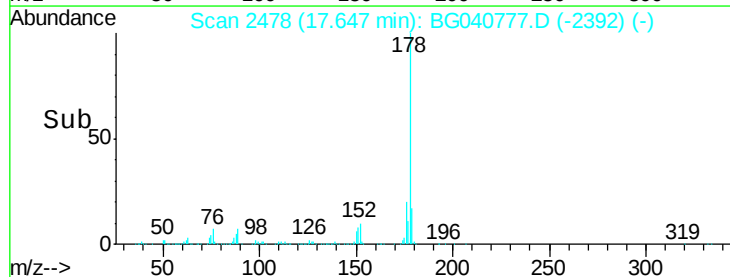
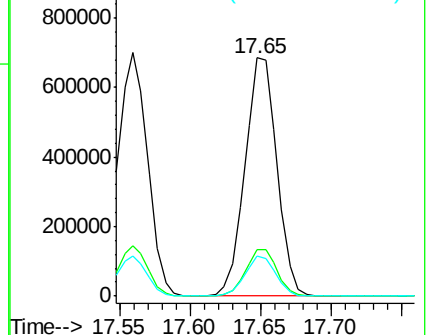
179 16.7 12.9 19.3

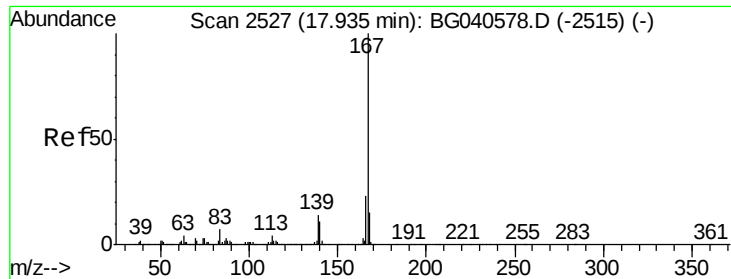


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

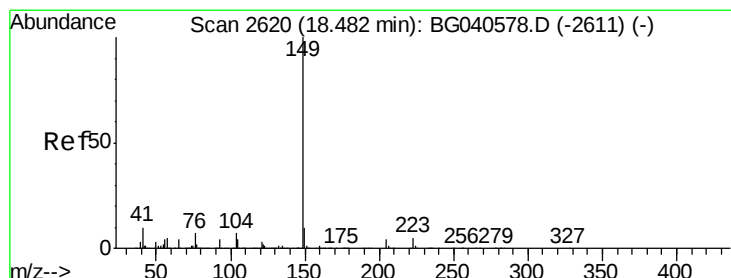
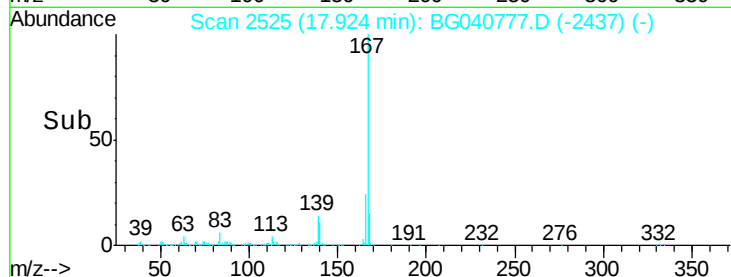
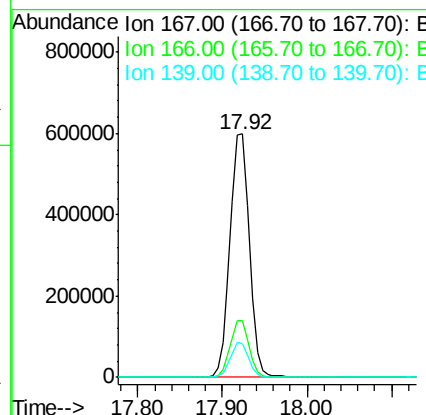
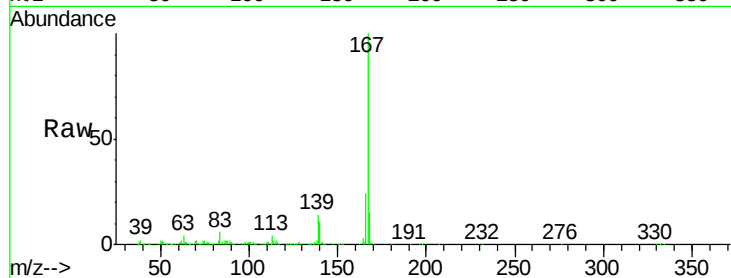




#73  
 Carbazole  
 Concen: 54.700 ng  
 RT: 17.92 min Scan# 2525  
 Delta R.T. -0.01 min  
 Lab File: BG040777.D  
 Acq: 7 May 2019 19:46

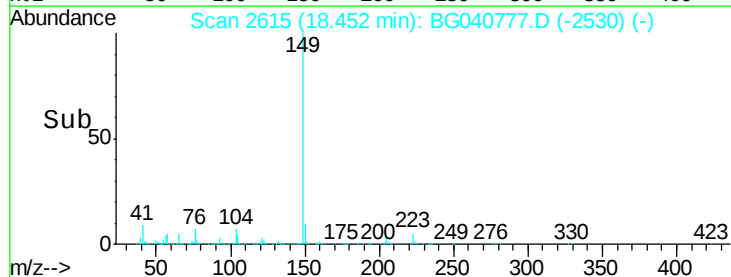
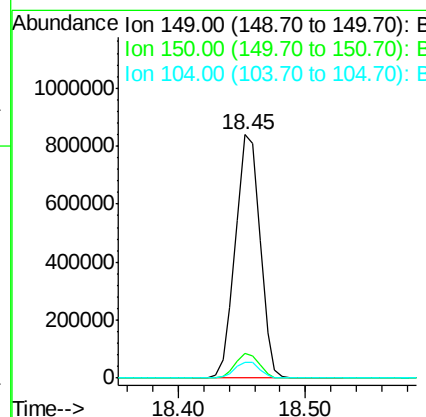
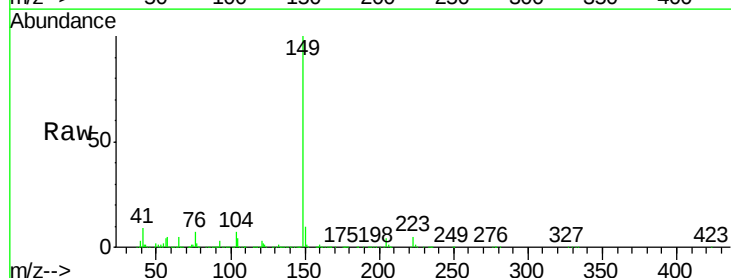
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-4-20190502MSD

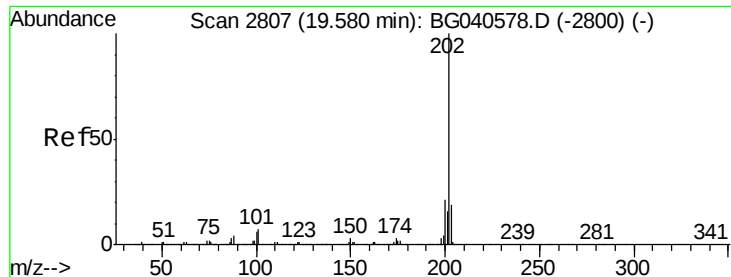
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.5  | 18.2  | 27.4  |
| 139     | 13.9  | 11.4  | 17.0  |



#74  
 Di-n-butylphthalate  
 Concen: 53.666 ng  
 RT: 18.45 min Scan# 2615  
 Delta R.T. -0.03 min  
 Lab File: BG040777.D  
 Acq: 7 May 2019 19:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.4  | 8.2   | 12.2  |
| 104     | 6.6   | 5.4   | 8.2   |





#75

Fluoranthene

Concen: 57.360 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

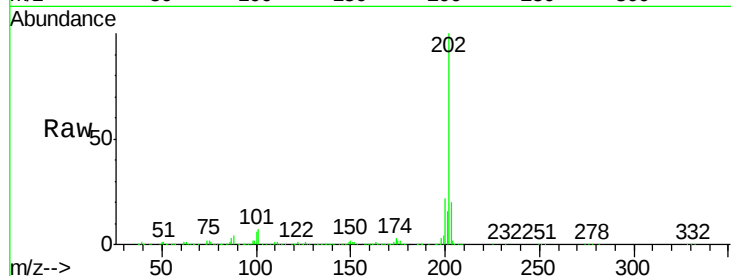
Tot Ion:202 Resp: 1353507

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.5

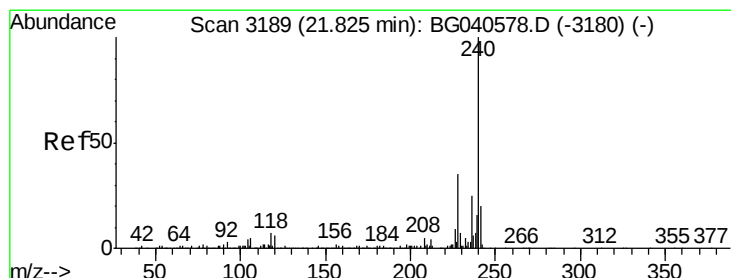
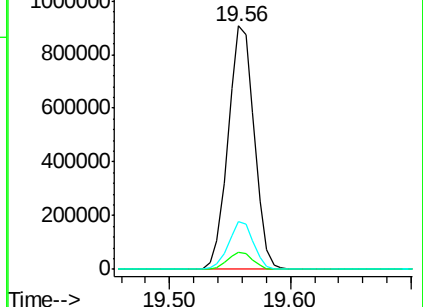
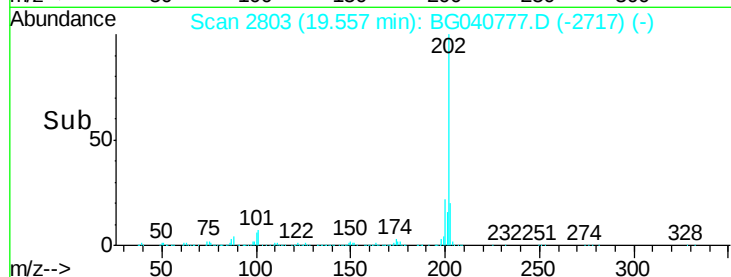
203 19.7 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

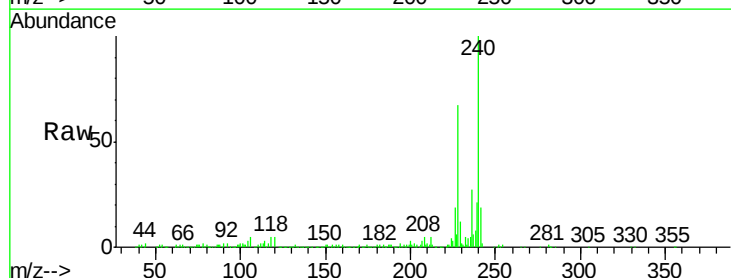
Tgt Ion:240 Resp: 348652

Ion Ratio Lower Upper

240 100

120 5.1 5.0 7.6

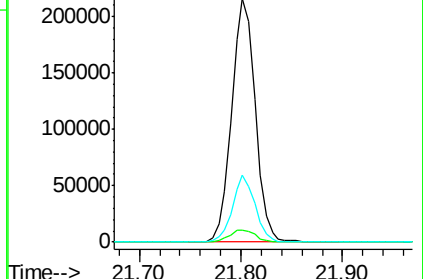
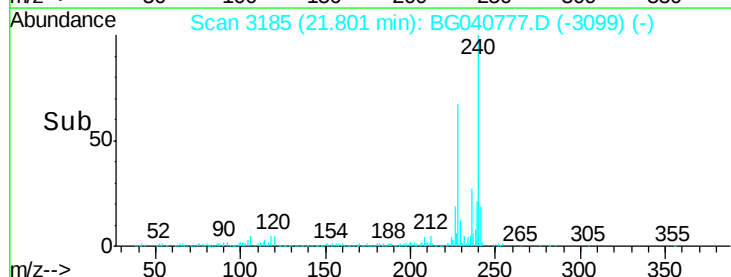
236 27.4 20.3 30.5

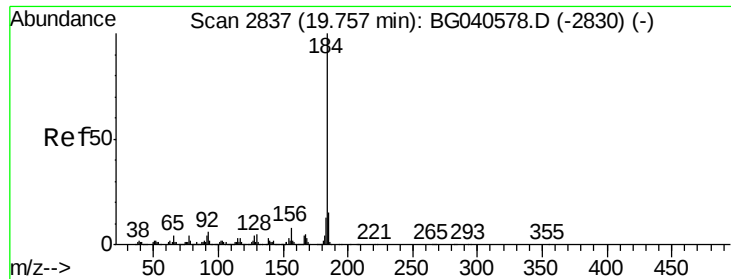


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 92.666 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

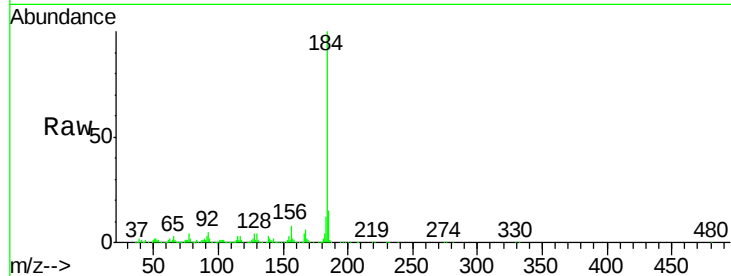
Tot Ion:184 Resp: 884610

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.8

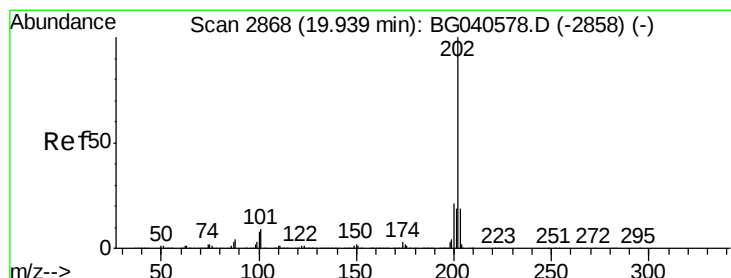
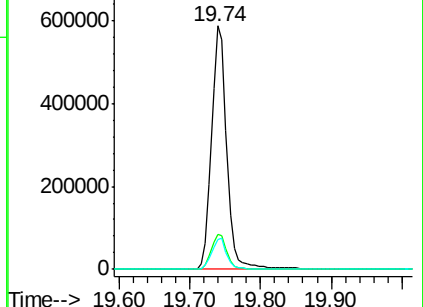
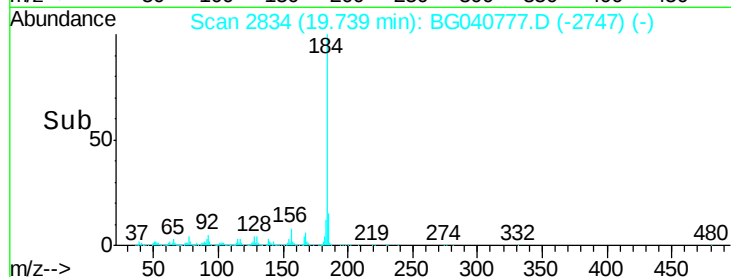
183 12.3 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 61.117 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

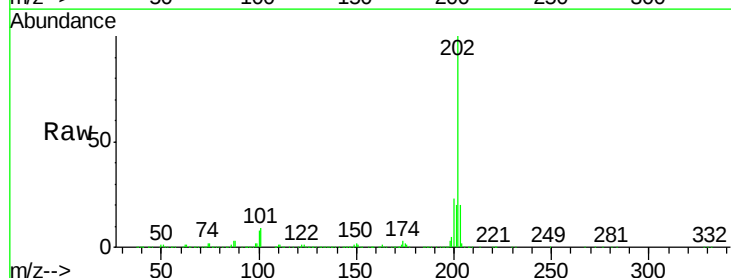
Tgt Ion:202 Resp: 1335527

Ion Ratio Lower Upper

202 100

200 23.2 17.2 25.8

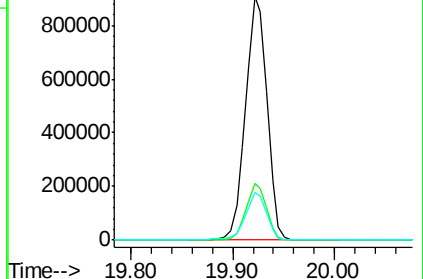
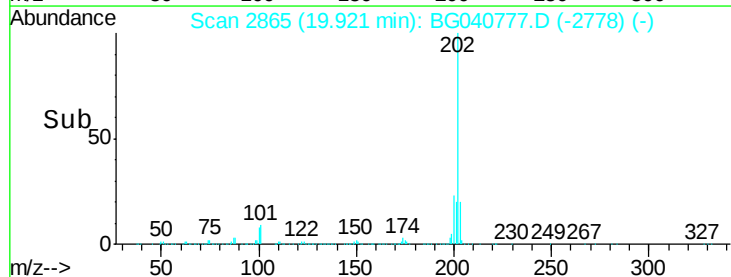
203 19.6 15.0 22.4

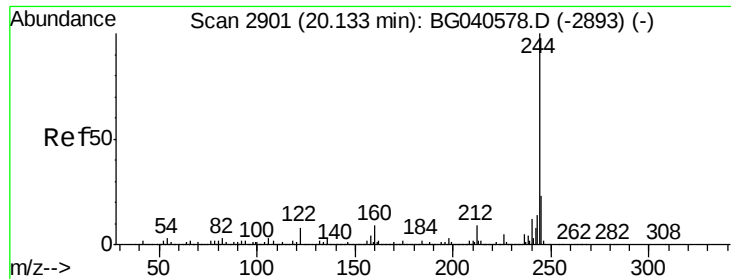


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 121.787 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

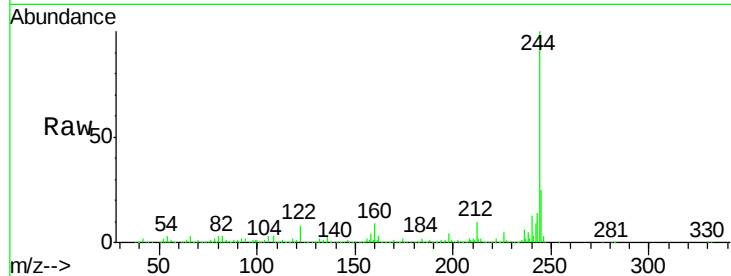
Tot Ion:244 Resp: 1916618

Ion Ratio Lower Upper

244 100

212 10.1 7.2 10.8

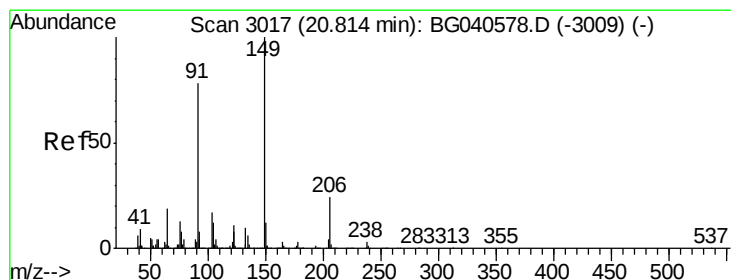
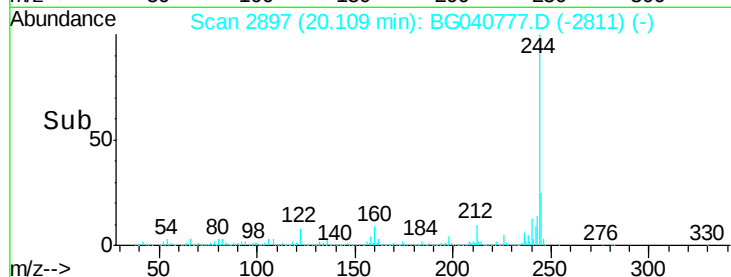
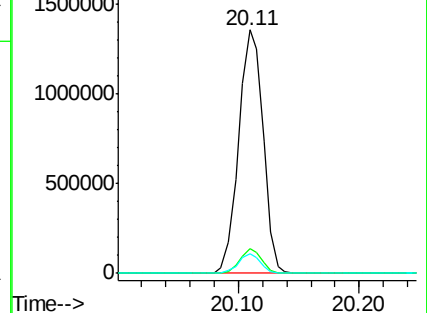
122 8.2 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 61.104 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

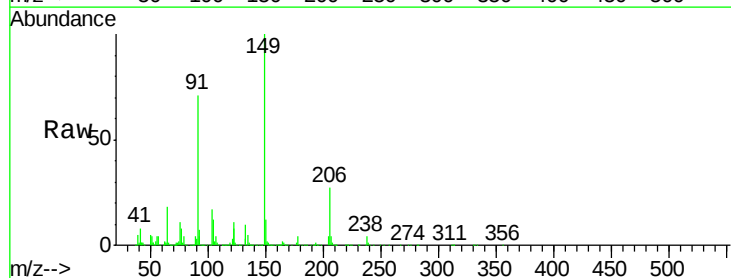
Tgt Ion:149 Resp: 520411

Ion Ratio Lower Upper

149 100

91 70.8 62.6 93.8

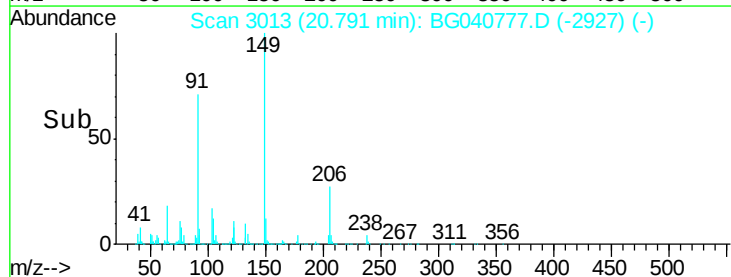
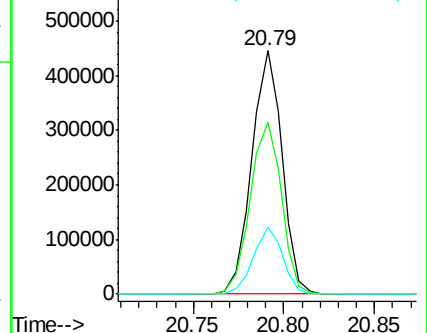
206 27.3 19.4 29.2

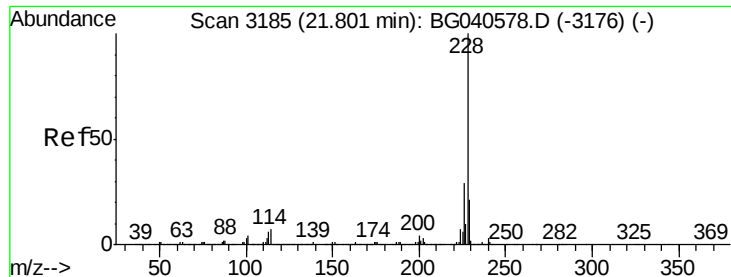


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 59.041 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

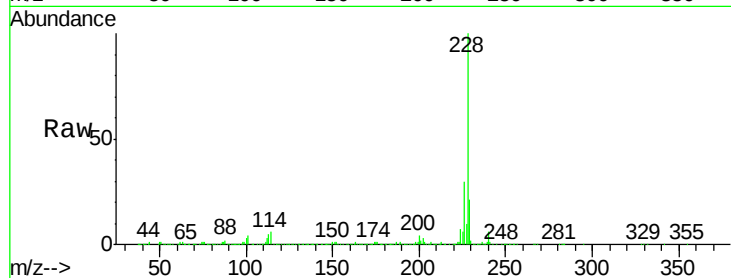
Tot Ion:228 Resp: 1300968

Ion Ratio Lower Upper

228 100

226 29.6 23.1 34.7

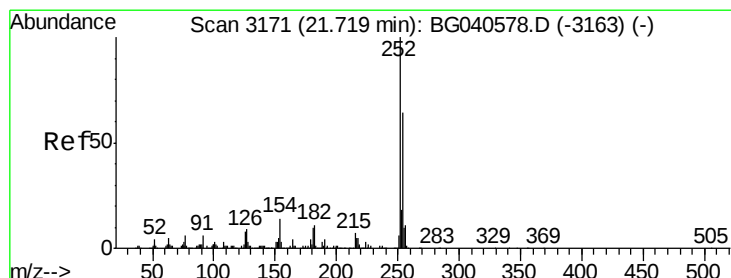
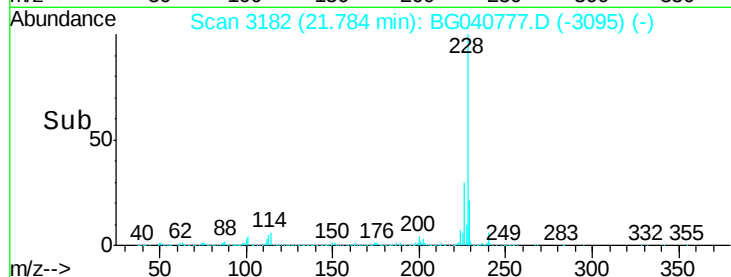
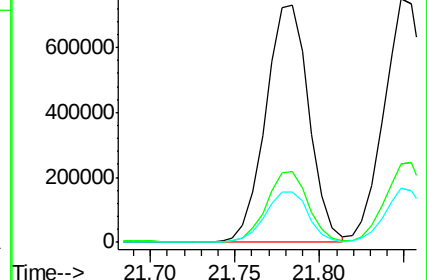
229 21.2 17.0 25.4



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: 58.346 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

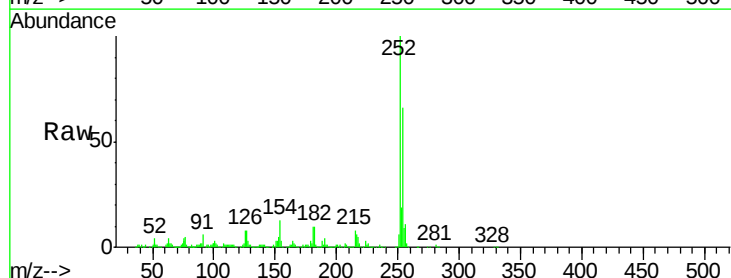
Tgt Ion:252 Resp: 458244

Ion Ratio Lower Upper

252 100

254 66.1 51.2 76.8

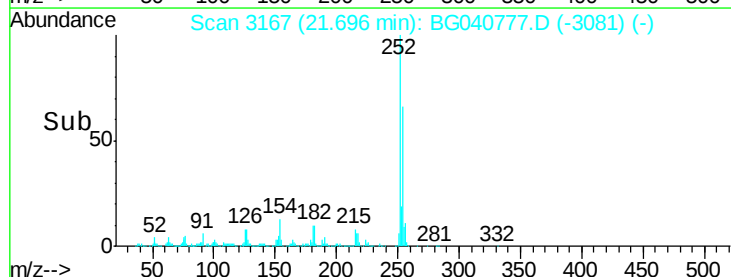
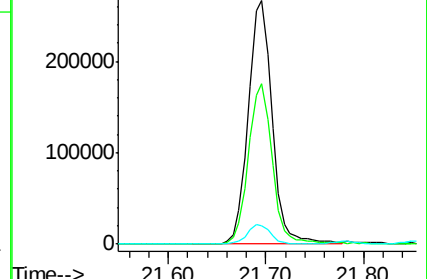
126 7.6 6.6 10.0

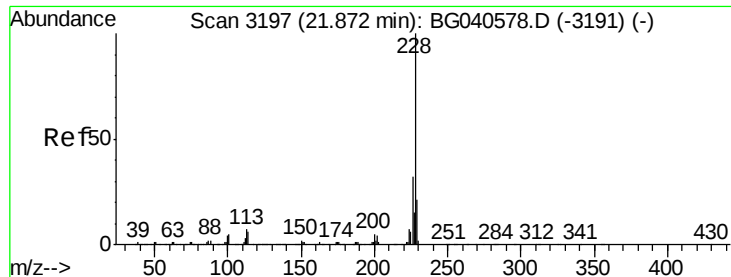


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 61.671 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

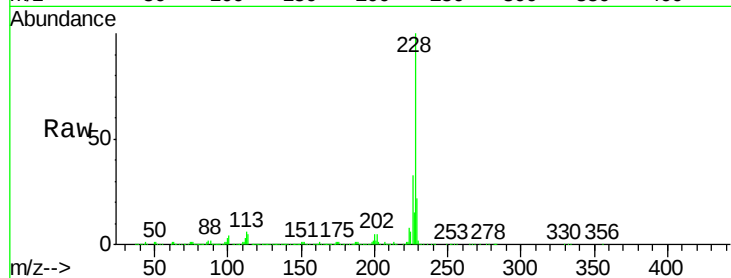
Tot Ion:228 Resp: 1292383

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.5  | 25.5  | 38.3  |
| 229 | 22.1  | 16.8  | 25.2  |

228 100

226 32.5 25.5 38.3

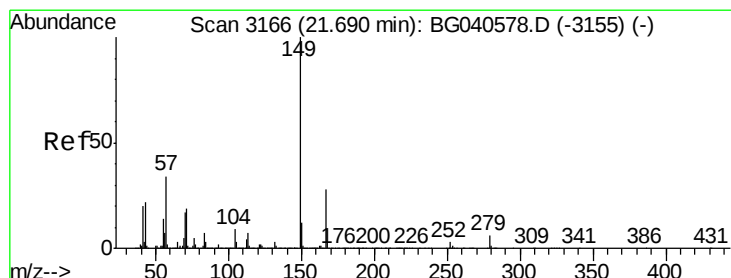
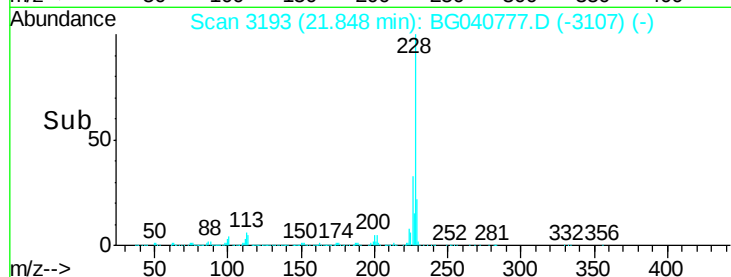
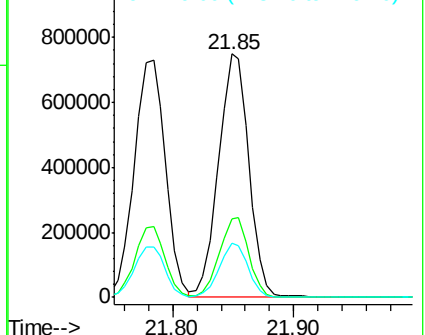
229 22.1 16.8 25.2



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: 58.805 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.04 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

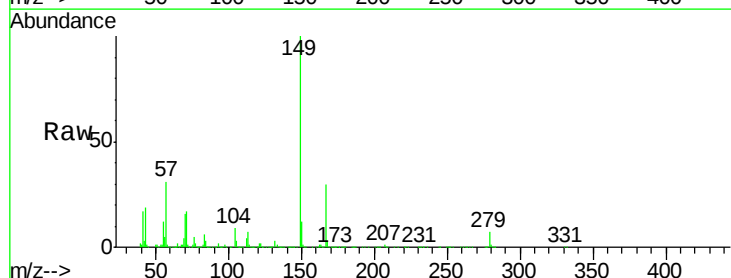
Tgt Ion:149 Resp: 722964

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.9  | 22.4  | 33.6  |
| 279 | 6.5   | 4.6   | 6.8   |

149 100

167 29.9 22.4 33.6

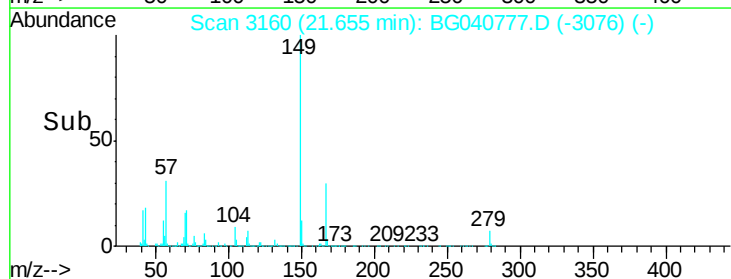
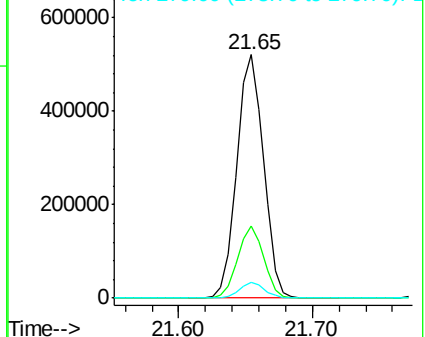
279 6.5 4.6 6.8

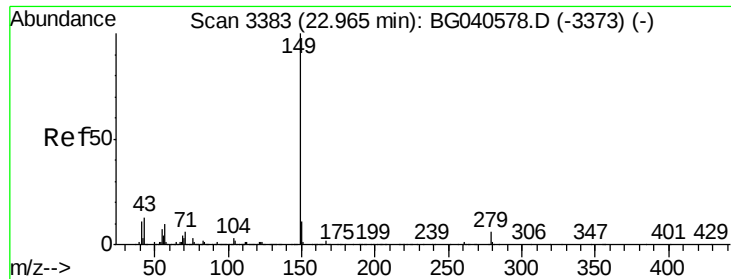


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 58.761 ng

RT: 22.91 min Scan# 3373

Delta R.T. -0.06 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

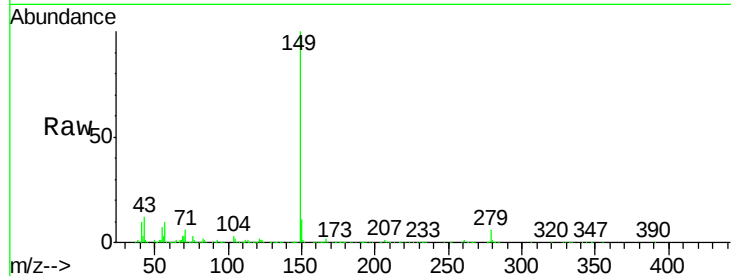
Tot Ion:149 Resp: 1216645

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

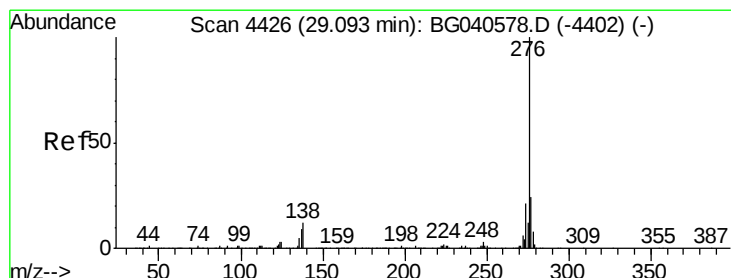
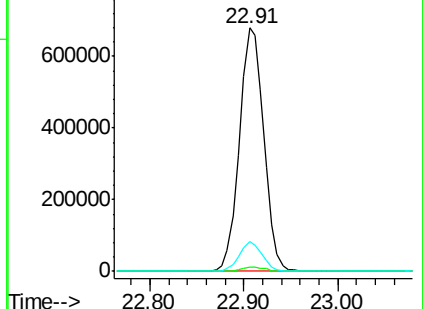
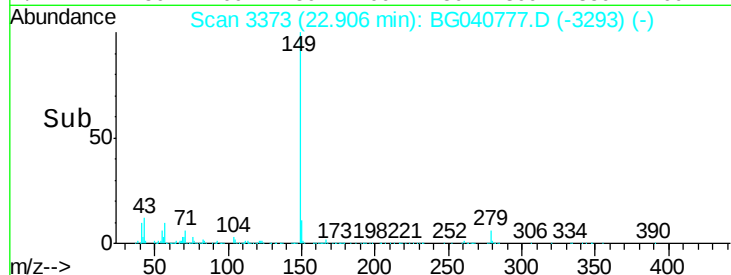
43 11.4 10.2 15.2



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.861 ng

RT: 29.01 min Scan# 4412

Delta R.T. -0.08 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

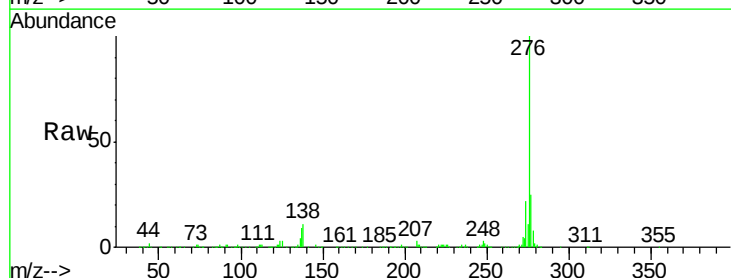
Tgt Ion:276 Resp: 1390004

Ion Ratio Lower Upper

276 100

138 8.4 9.8 14.6#

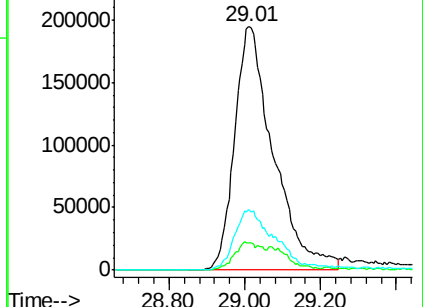
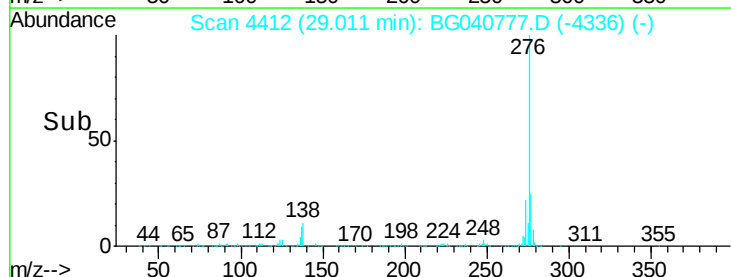
277 25.5 17.3 25.9

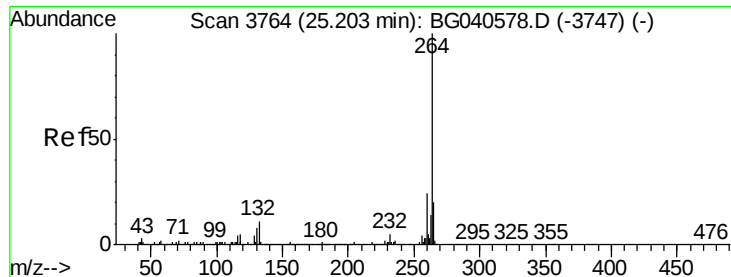


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

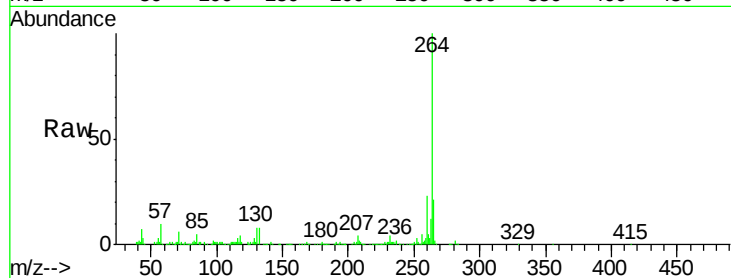
Tot Ion:264 Resp: 363117

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 19.2  | 28.8  |
| 265 | 20.9  | 16.6  | 25.0  |

264 100

260 23.5 19.2 28.8

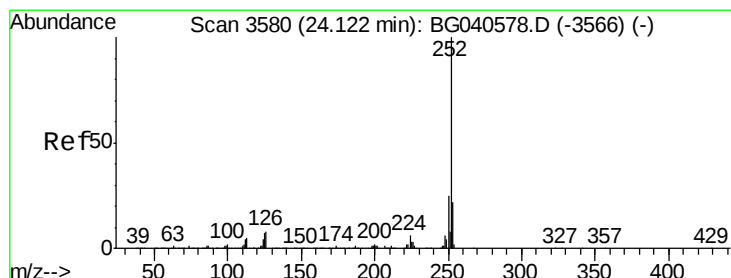
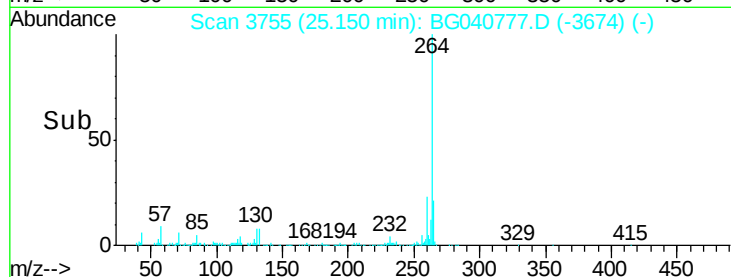
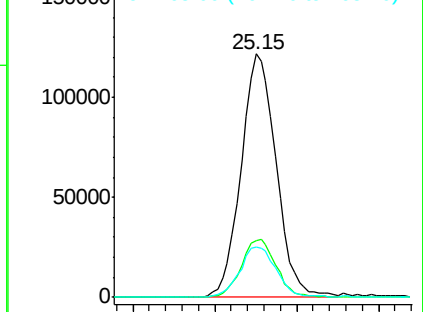
265 20.9 16.6 25.0



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: 59.546 ng

RT: 24.08 min Scan# 3573

Delta R.T. -0.04 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

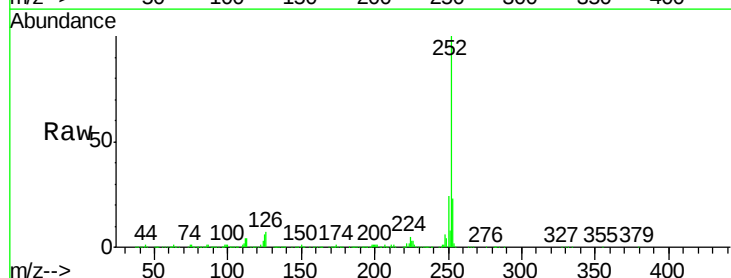
Tgt Ion:252 Resp: 1321310

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.3  | 17.6  | 26.4  |
| 125 | 5.5   | 5.4   | 8.0   |

252 100

253 23.3 17.6 26.4

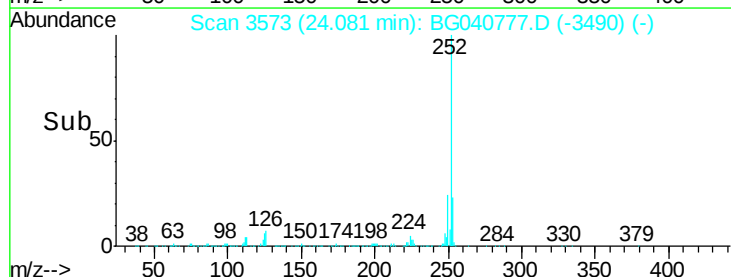
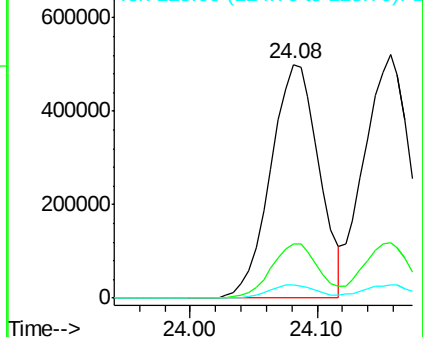
125 5.5 5.4 8.0

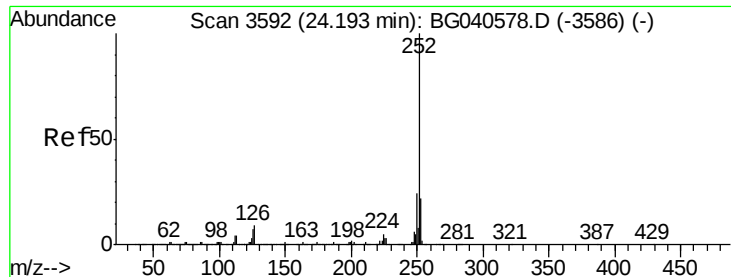


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 64.300 ng

RT: 24.16 min Scan# 3586

Delta R.T. -0.04 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

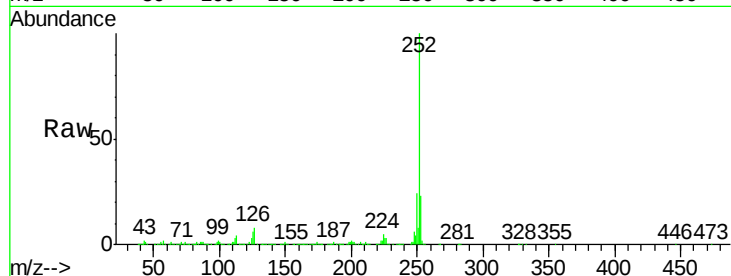
Tot Ion:252 Resp: 1332473

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

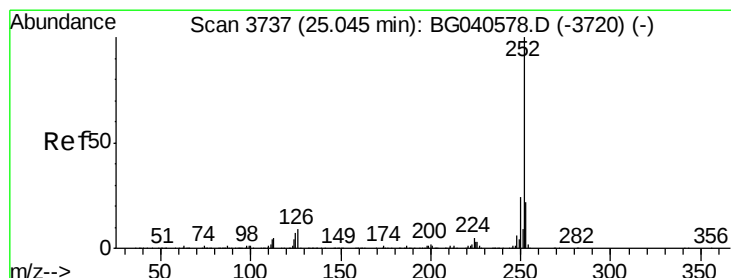
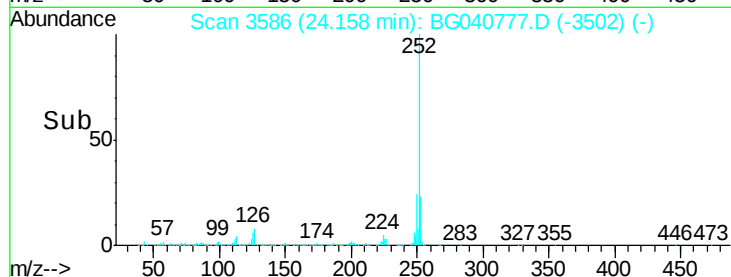
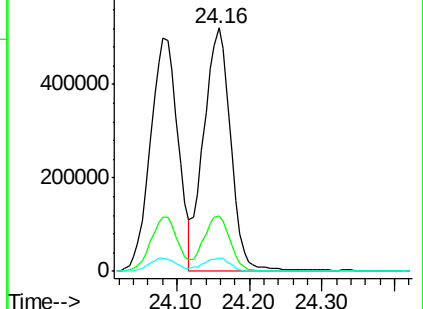
125 5.6 5.5 8.3



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: 61.184 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.05 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

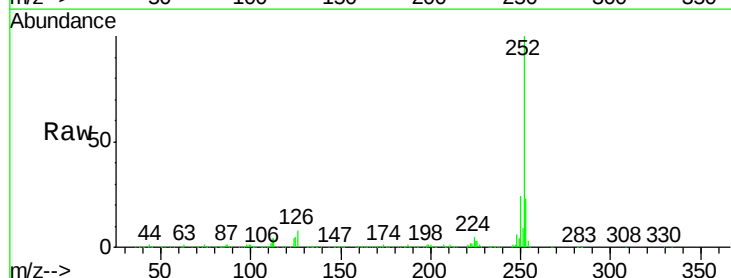
Tgt Ion:252 Resp: 1285114

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

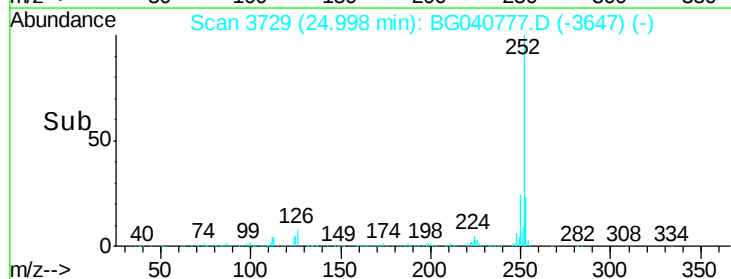
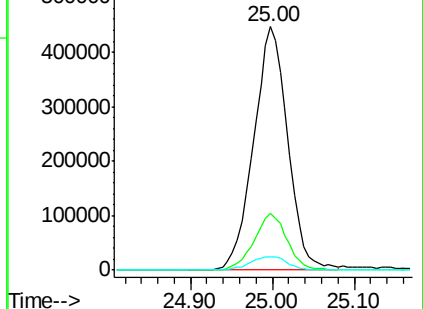
125 5.3 5.7 8.5#

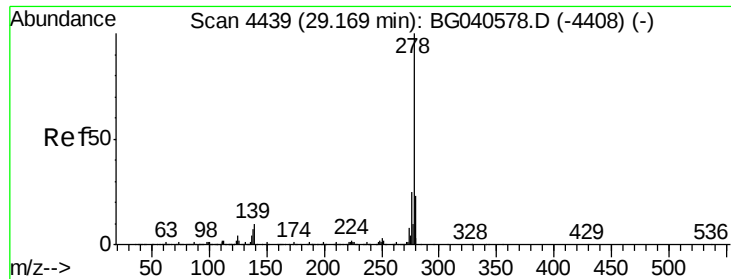


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.985 ng

RT: 29.09 min Scan# 4425

Delta R.T. -0.08 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA\_G

ClientSampleId :

MW-4-20190502MSD

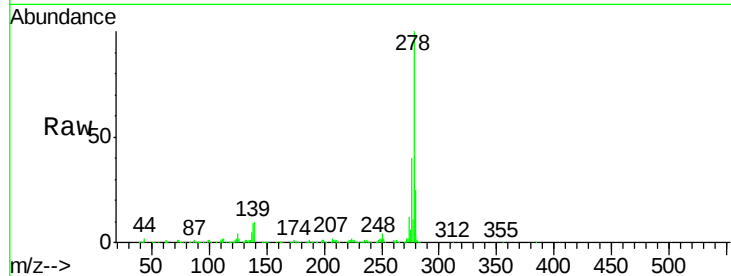
Tot Ion:278 Resp: 1083712

Ion Ratio Lower Upper

278 100

139 9.9 8.2 12.4

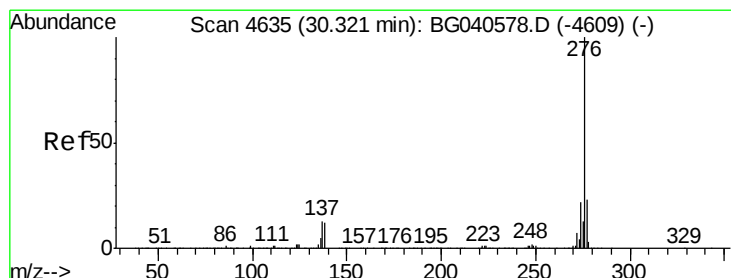
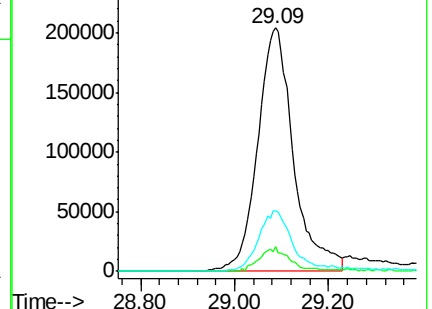
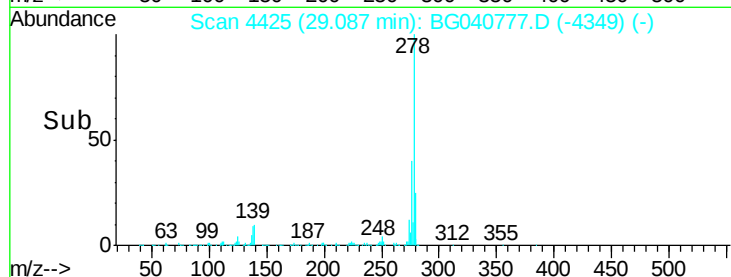
279 24.7 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.663 ng

RT: 30.22 min Scan# 4618

Delta R.T. -0.10 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

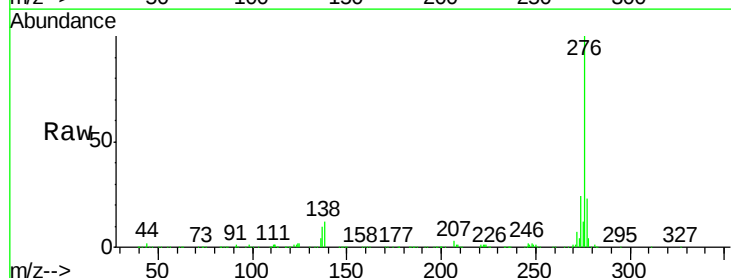
Tgt Ion:276 Resp: 1071746

Ion Ratio Lower Upper

276 100

277 23.2 18.4 27.6

138 12.3 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

