

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\  
 Data File : BG043039.D  
 Acq On : 4 Oct 2019 22:06  
 Operator : JU  
 Sample : K5154-12MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-103-IMS

Quant Time: Oct 05 04:53:13 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 25 15:35:52 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 74076    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.87 | 136  | 283134   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.69 | 164  | 201756   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.42 | 188  | 477127   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.70 | 240  | 519647   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 24.91 | 264  | 616008   | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.65  | 112 | 336849  | 81.15  | ng | 0.00  |
| 7) Phenol-d6             | 7.24  | 99  | 321620  | 53.81  | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 434411  | 74.57  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 427345  | 123.18 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.31 | 172 | 1019091 | 73.23  | ng | -0.01 |
| 79) Terphenyl-d14        | 20.03 | 244 | 1992939 | 81.72  | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88  | 58711  | 33.925 | ng | 92     |
| 3) Pyridine                    | 3.94  | 79  | 106803 | 21.942 | ng | 88     |
| 4) n-Nitrosodimethylamine      | 3.86  | 42  | 60188  | 25.714 | ng | 98     |
| 6) Aniline                     | 7.39  | 93  | 188744 | 26.158 | ng | 97     |
| 8) 2-Chlorophenol              | 7.64  | 128 | 182987 | 42.273 | ng | 96     |
| 9) Benzaldehyde                | 7.20  | 77  | 128552 | 35.195 | ng | 88     |
| 10) Phenol                     | 7.26  | 94  | 131009 | 23.889 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 157661 | 37.156 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 170923 | 30.953 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.10  | 146 | 178322 | 32.394 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 172581 | 32.930 | ng | 95     |
| 15) Benzyl Alcohol             | 8.30  | 79  | 166570 | 37.065 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 243190 | 29.844 | ng | 97     |
| 17) 2-Methylphenol             | 8.51  | 107 | 149657 | 39.001 | ng | 97     |
| 18) Hexachloroethane           | 9.15  | 117 | 62512  | 30.152 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 147006 | 37.454 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.84  | 107 | 187836 | 35.720 | ng | 98     |
| 22) Acetophenone               | 8.88  | 105 | 274340 | 37.590 | ng | # 96   |
| 24) Nitrobenzene               | 9.26  | 77  | 218428 | 39.312 | ng | 97     |
| 25) Isophorone                 | 9.79  | 82  | 414276 | 40.488 | ng | 97     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 109186 | 46.161 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 184103 | 50.682 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 231322 | 39.846 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 206346 | 45.675 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 210333 | 36.053 | ng | 96     |
| 31) Naphthalene                | 10.92 | 128 | 534839 | 38.374 | ng | 99     |
| 32) Benzoic acid               | 10.16 | 122 | 48600  | 20.497 | ng | # 85   |
| 33) 4-Chloroaniline            | 11.03 | 127 | 102662 | 16.975 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 140565 | 32.179 | ng | 97     |
| 35) Caprolactam                | 11.80 | 113 | 12025  | 7.548  | ng | # 70   |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107 | 220602 | 44.911 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 421680 | 39.659 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.74 | 142 | 395623 | 39.323 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 282349 | 37.220 | ng | 99     |

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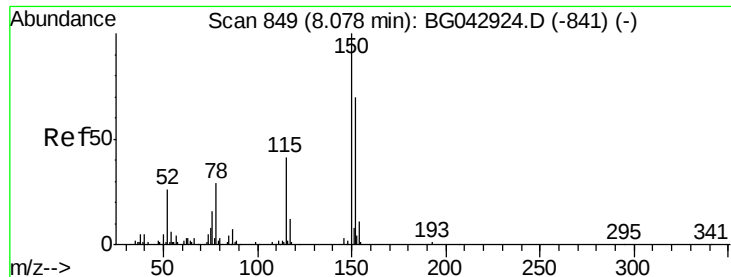
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-103-IMS

Quant Time: Oct 05 04:53:13 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 25 15:35:52 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 340796   | 70.509 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.12 | 196  | 198336   | 44.670 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 208853   | 45.662 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 13.52 | 154  | 580737   | 37.956 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.56 | 162  | 449678   | 39.201 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.76 | 65   | 155288   | 40.708 | ng    | 92       |
| 49) Acenaphthylene             | 14.40 | 152  | 726722   | 41.402 | ng    | 99       |
| 50) Dimethylphthalate          | 14.14 | 163  | 787867   | 52.118 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.25 | 165  | 142400   | 44.234 | ng    | 92       |
| 52) Acenaphthene               | 14.74 | 154  | 458701   | 39.042 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 71833    | 21.591 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 187478   | 93.691 | ng    | 96       |
| 55) Dibenzofuran               | 15.08 | 168  | 712159   | 40.976 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 121642   | 47.987 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 15.04 | 165  | 200117   | 42.449 | ng    | 97       |
| 58) Fluorene                   | 15.73 | 166  | 608479   | 41.008 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 207650   | 42.638 | ng    | 99       |
| 60) Diethylphthalate           | 15.50 | 149  | 630199   | 40.963 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.72 | 204  | 355948   | 39.999 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.75 | 138  | 144857   | 39.923 | ng    | 96       |
| 63) Azobenzene                 | 16.01 | 77   | 546080   | 38.988 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 132213   | 48.970 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.93 | 169  | 550936   | 43.741 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.61 | 248  | 251479   | 41.994 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 273175   | 40.970 | ng    | 98       |
| 69) Atrazine                   | 16.88 | 200  | 210190   | 39.629 | ng    | 95       |
| 70) Pentachlorophenol          | 17.08 | 266  | 353329   | 91.836 | ng    | 98       |
| 71) Phenanthrene               | 17.47 | 178  | 968242   | 41.567 | ng    | 98       |
| 72) Anthracene                 | 17.56 | 178  | 989329   | 42.544 | ng    | 99       |
| 73) Carbazole                  | 17.83 | 167  | 912936   | 42.336 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 1042121  | 40.504 | ng    | 99       |
| 75) Fluoranthene               | 19.47 | 202  | 1249236  | 40.547 | ng    | 99       |
| 77) Benzidine                  | 19.65 | 184  | 731329   | 56.207 | ng    | 99       |
| 78) Pyrene                     | 19.84 | 202  | 1264932  | 40.784 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.72 | 149  | 491892   | 41.782 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 1307295  | 40.375 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 272191   | 21.433 | ng    | 99       |
| 83) Chrysene                   | 21.74 | 228  | 1280715  | 40.760 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 704642   | 42.063 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 1202083  | 43.883 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.59 | 276  | 1703538  | 43.550 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.89 | 252  | 1423866  | 40.851 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.96 | 252  | 1392652  | 40.388 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.76 | 252  | 1398308  | 42.522 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.65 | 278  | 1440667  | 42.724 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.73 | 276  | 1408664  | 43.115 | ng    | 97       |

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



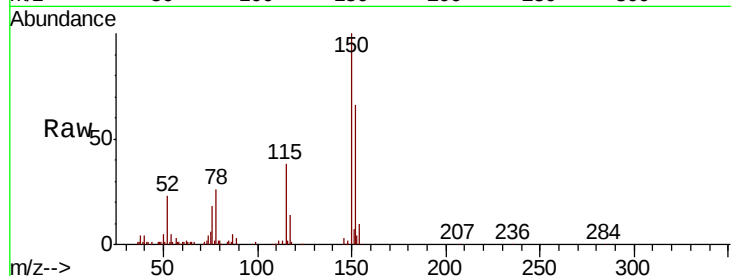


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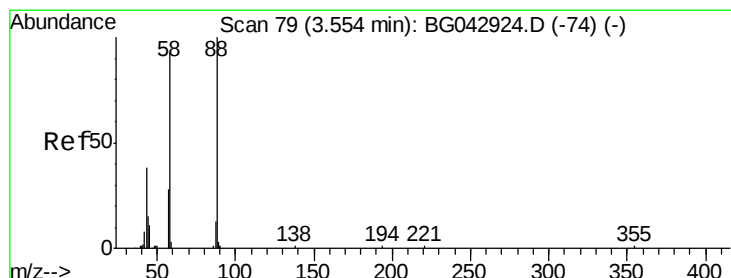
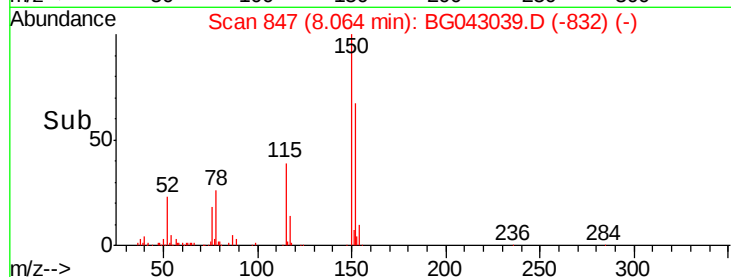
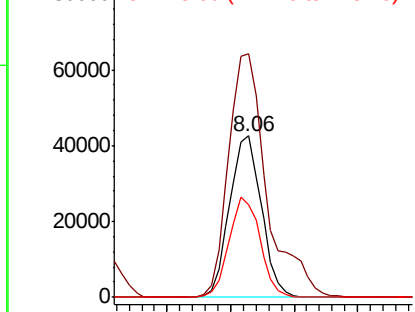
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 847  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Instrument :  
BNA\_G  
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MW-103-IMS

Tot Ion:152 Resp: 74076  
Ion Ratio Lower Upper  
152 100  
150 151.1 115.0 172.4  
115 57.3 47.0 70.6



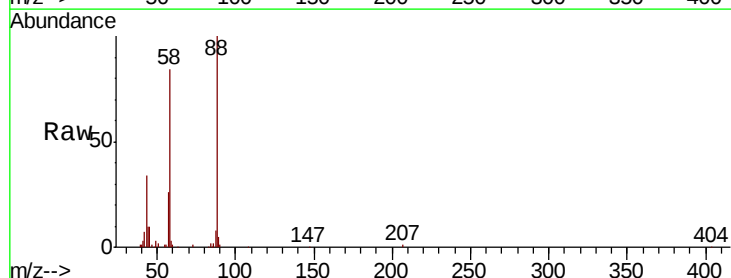
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



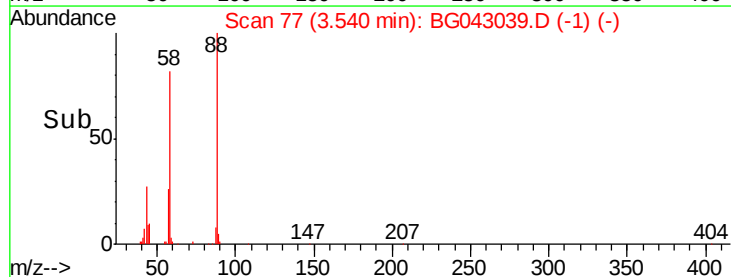
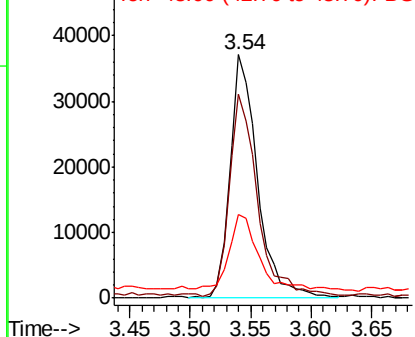
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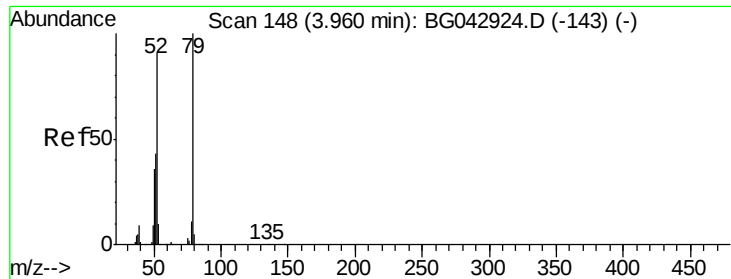
1,4-Dioxane  
Concen: 33.925 ng  
RT: 3.54 min Scan# 77  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Tgt Ion: 88 Resp: 58711  
Ion Ratio Lower Upper  
88 100  
58 83.9 74.3 111.5  
43 35.1 29.8 44.8



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





#3

Pvridine

Concen: 21.942 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

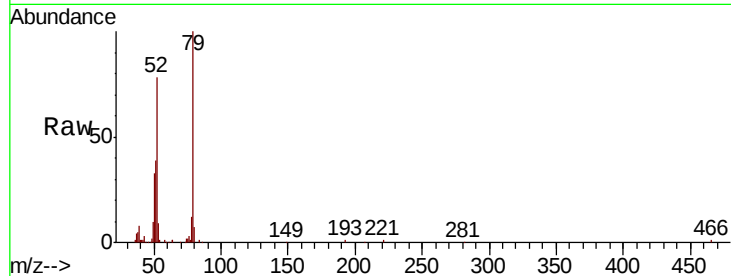
Tot Ion: 79 Resp: 106803

Ion Ratio Lower Upper

79 100

52 77.6 73.0 109.4

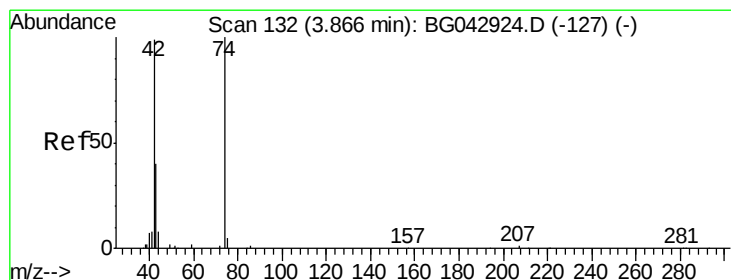
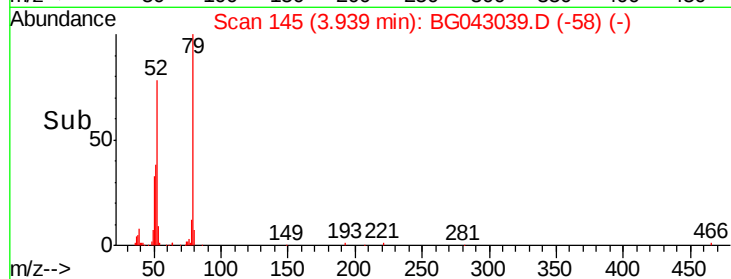
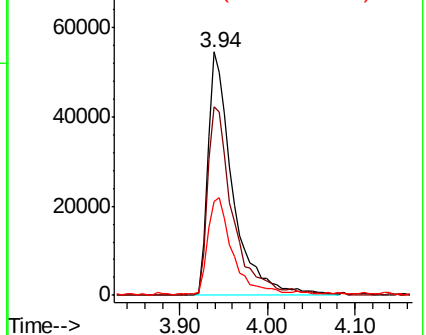
51 38.8 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 25.714 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

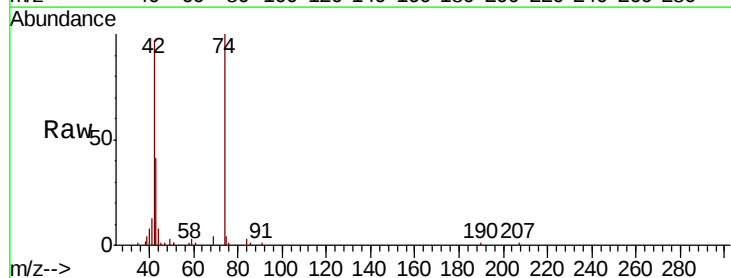
Tgt Ion: 42 Resp: 60188

Ion Ratio Lower Upper

42 100

74 103.0 80.5 120.7

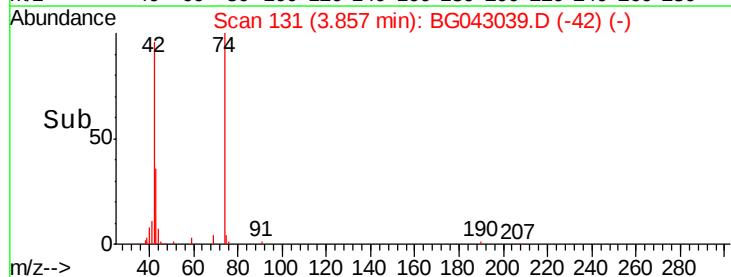
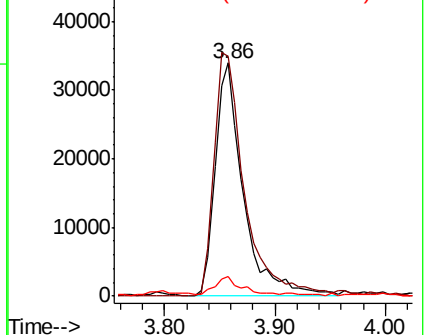
44 8.2 6.9 10.3

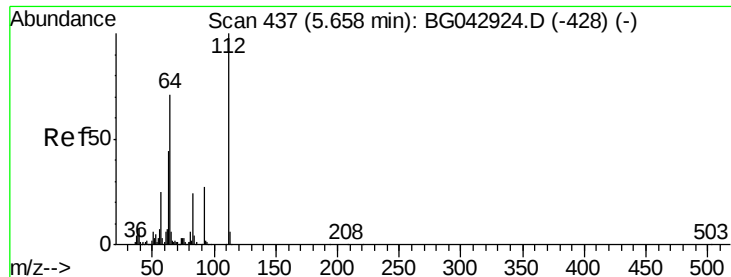


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 81.153 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

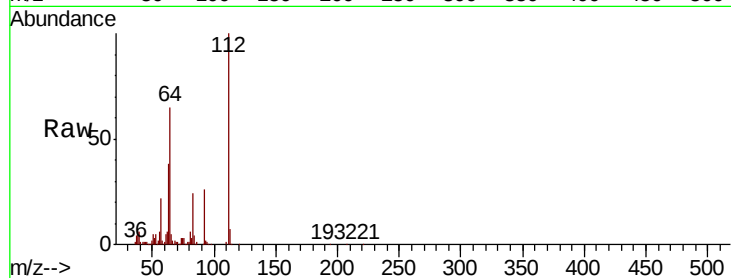
Tot Ion:112 Resp: 336849

Ion Ratio Lower Upper

112 100

64 65.4 56.6 84.8

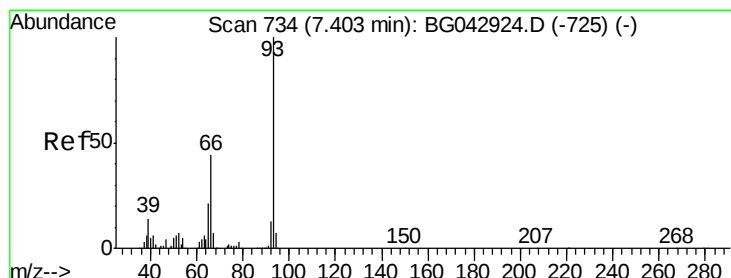
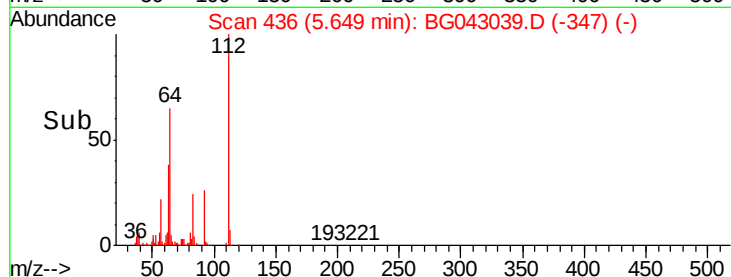
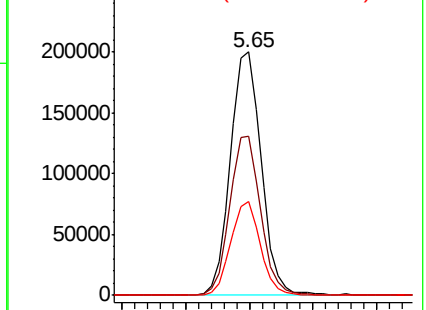
63 38.5 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.158 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

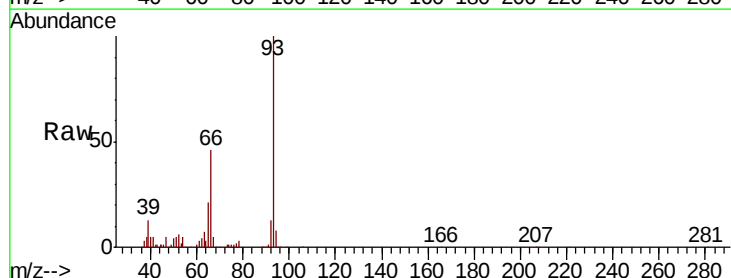
Tgt Ion: 93 Resp: 188744

Ion Ratio Lower Upper

93 100

66 46.3 35.0 52.6

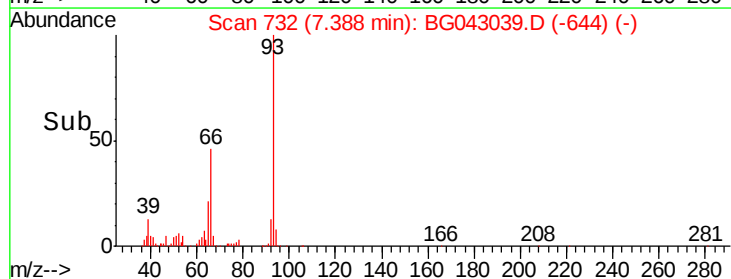
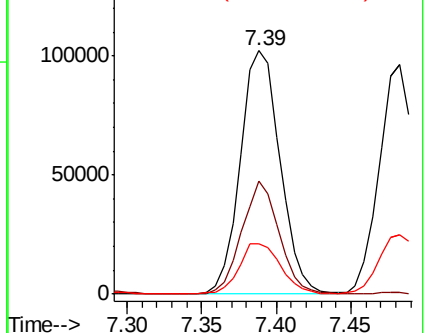
65 20.9 17.4 26.0

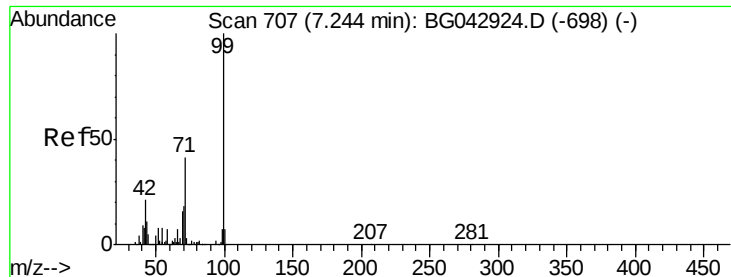


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 53.806 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

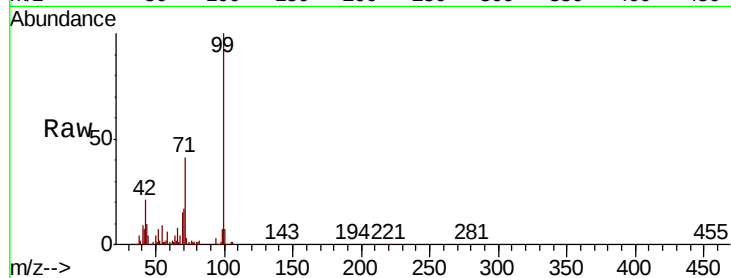
Tot Ion: 99 Resp: 321620

Ion Ratio Lower Upper

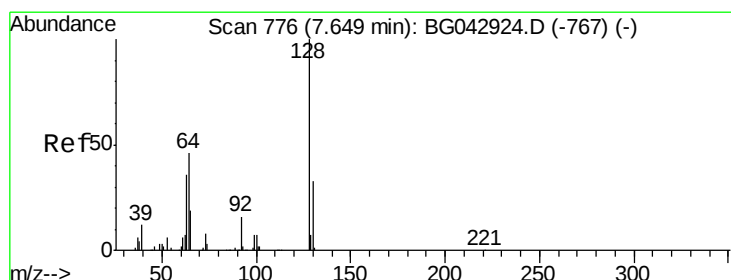
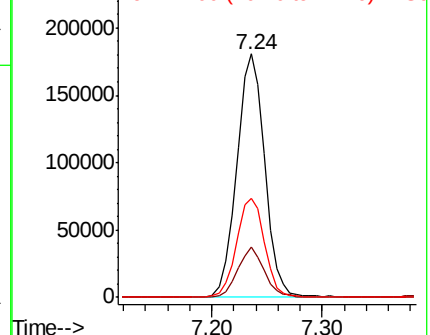
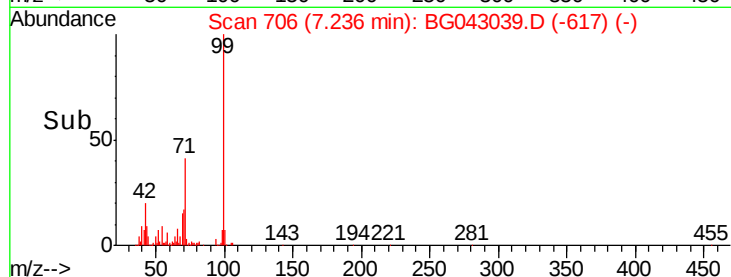
99 100

42 20.6 17.2 25.8

71 40.8 33.1 49.7



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: 42.273 ng

RT: 7.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

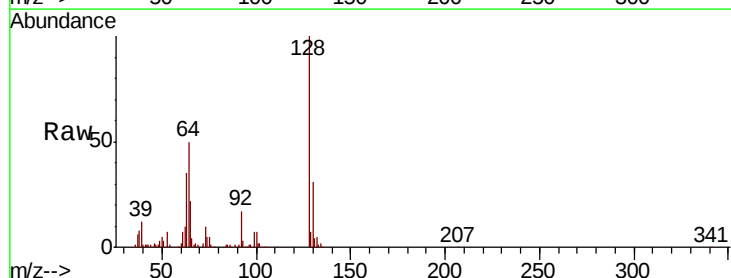
Tgt Ion: 128 Resp: 182987

Ion Ratio Lower Upper

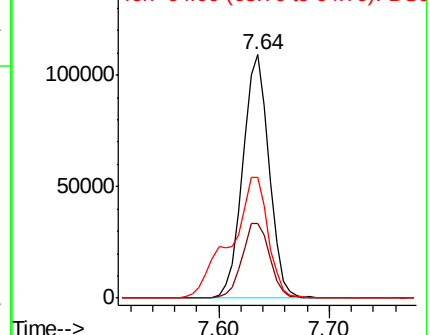
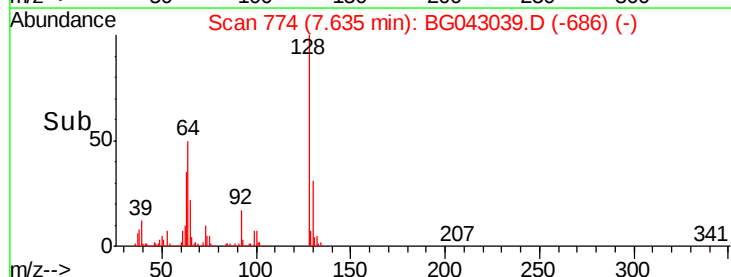
128 100

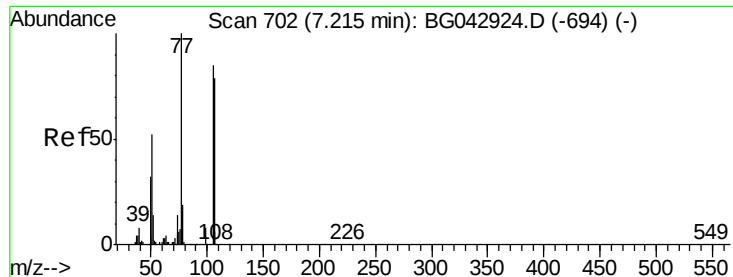
130 30.7 12.5 52.5

64 49.8 32.8 72.8



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: 35.195 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

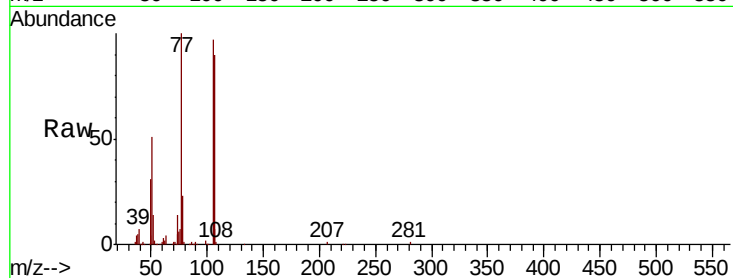
Tot Ion: 77 Resp: 128552

Ion Ratio Lower Upper

77 100

105 96.5 64.6 104.6

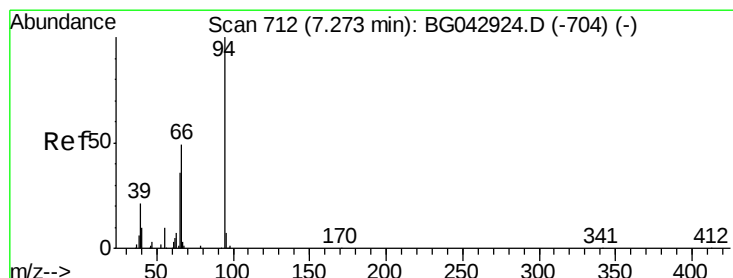
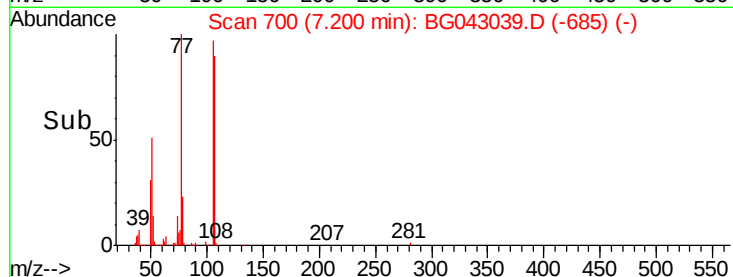
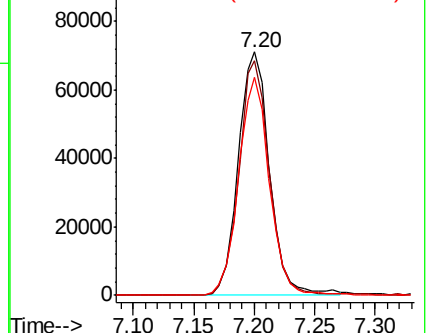
106 89.6 59.4 99.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 23.889 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

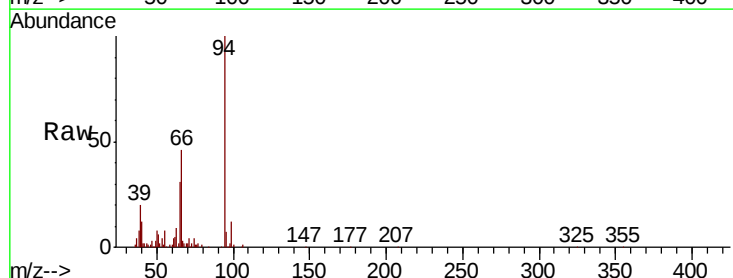
Tgt Ion: 94 Resp: 131009

Ion Ratio Lower Upper

94 100

65 31.3 16.6 56.6

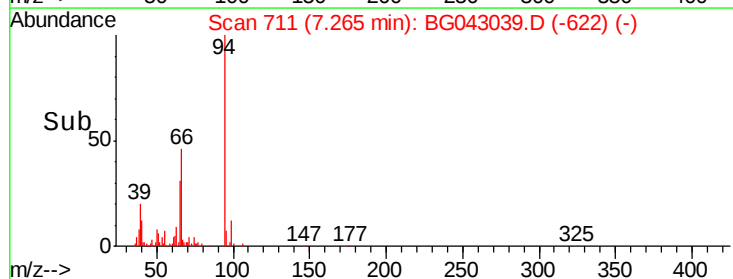
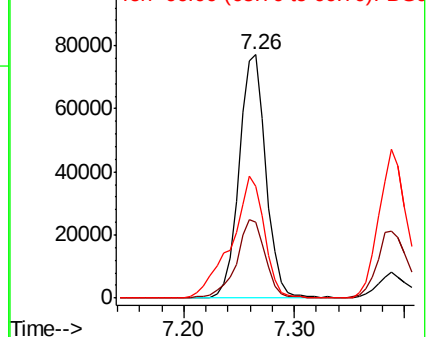
66 45.8 32.4 72.4

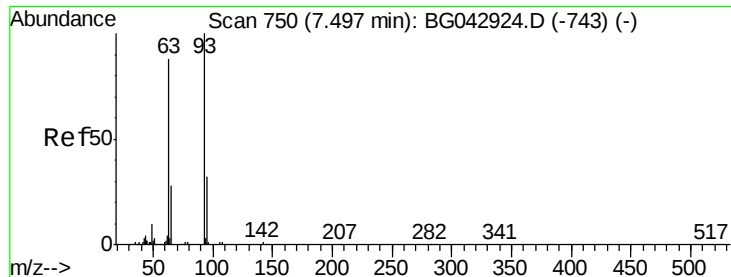


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

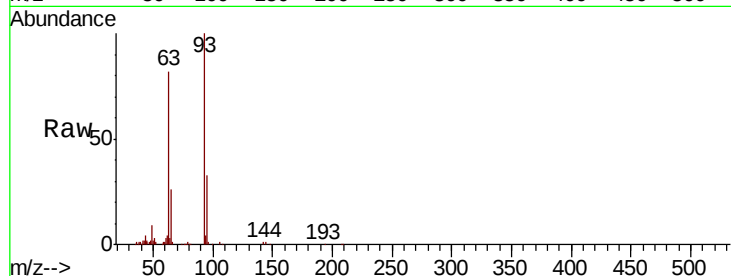




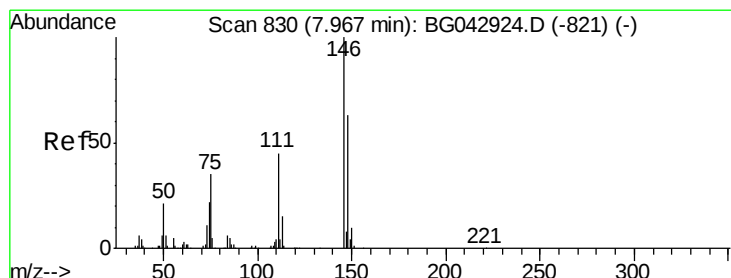
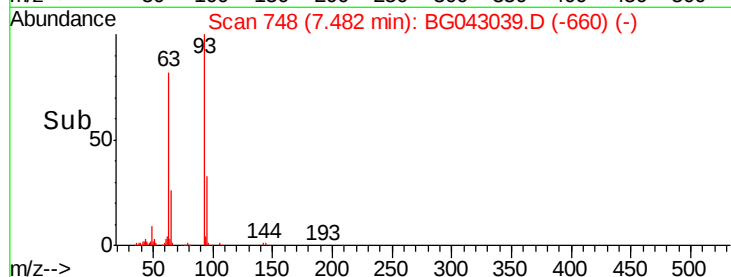
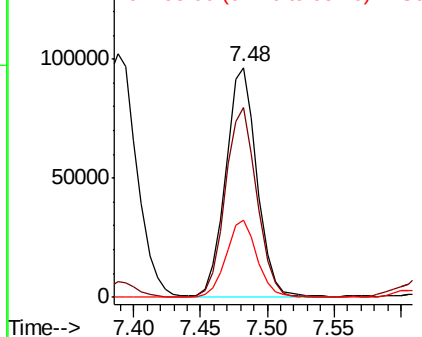
#11  
bis(2-Chloroethyl)ether  
Concen: 37.156 ng  
RT: 7.48 min Scan# 748  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

| Tot Ion   | 93    | Resp  | 157661 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 82.4  | 67.4  | 107.4  |
| 95        | 33.5  | 11.9  | 51.9   |

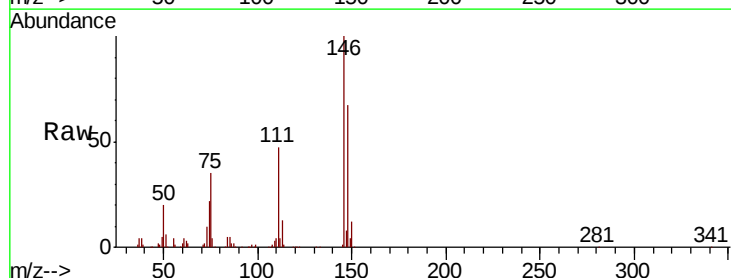


Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC

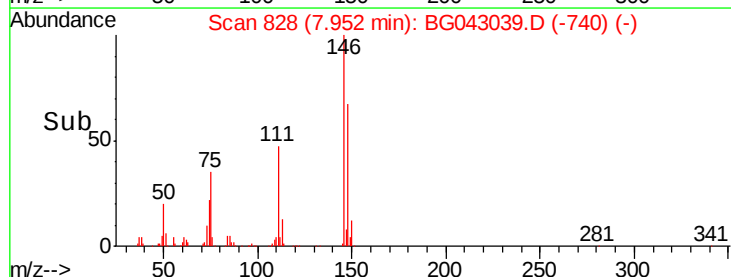
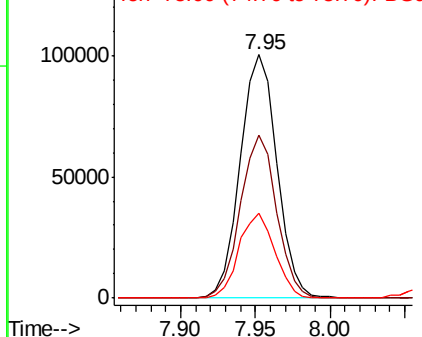


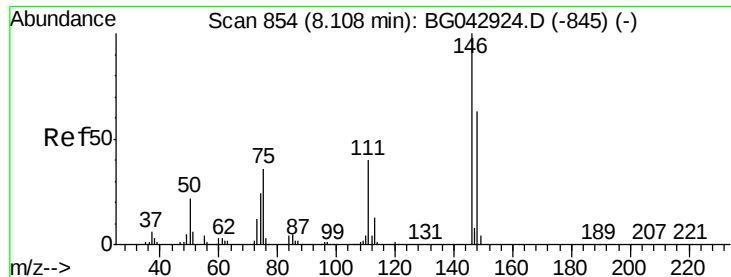
#12  
1,3-Dichlorobenzene  
Concen: 30.953 ng  
RT: 7.95 min Scan# 828  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

| Tgt Ion   | 146   | Resp  | 170923 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 67.0  | 50.7  | 76.1   |
| 75        | 34.8  | 27.7  | 41.5   |



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

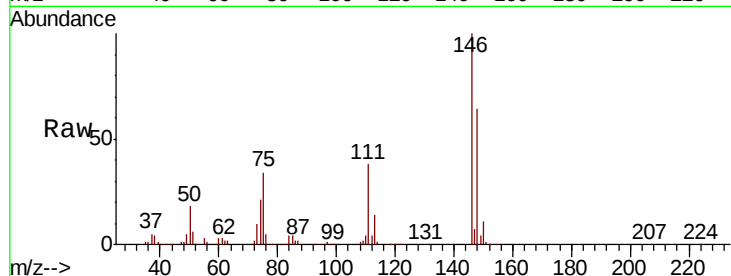




#13  
 1,4-Dichlorobenzene  
 Concen: 32.394 ng  
 RT: 8.10 min Scan# 853  
 Delta R.T. -0.01 min  
 Lab File: BG043039.D  
 Acq: 4 Oct 2019 22:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-103-IMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 50.9  | 76.3  |
| 111     | 38.2  | 31.8  | 47.8  |

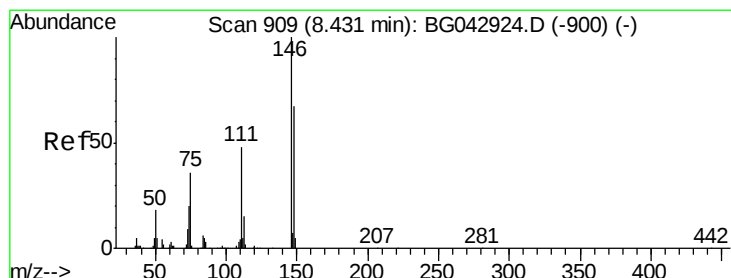
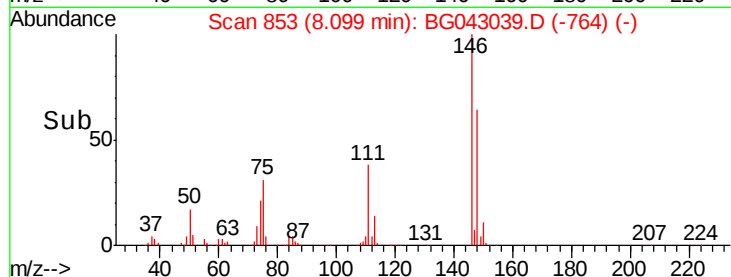
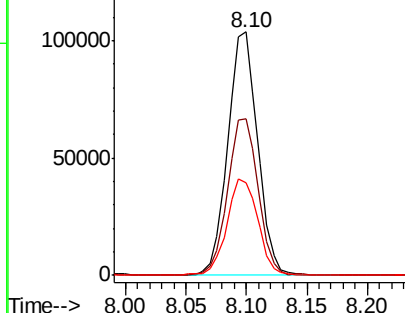


Abundance

Ion 146.00 (145.70 to 146.70): E

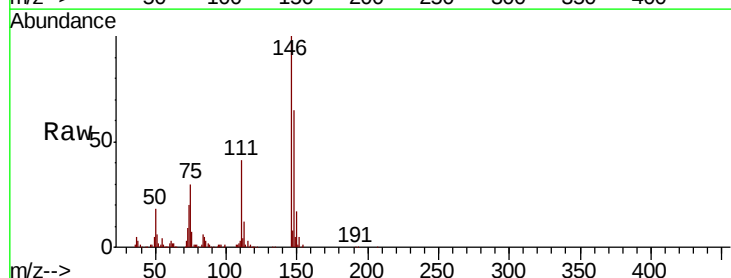
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 32.930 ng  
 RT: 8.42 min Scan# 907  
 Delta R.T. -0.01 min  
 Lab File: BG043039.D  
 Acq: 4 Oct 2019 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.4  | 53.4  | 80.2  |
| 111     | 41.4  | 38.5  | 57.7  |

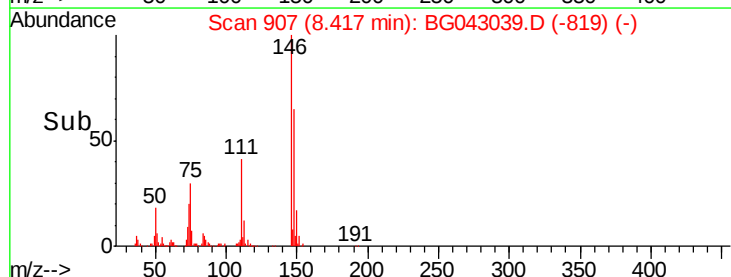
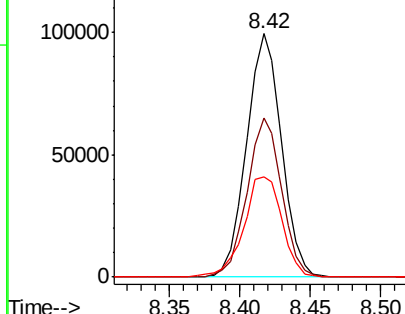


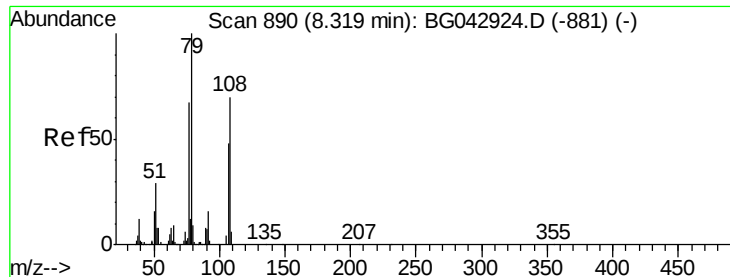
Abundance

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: 37.065 ng

RT: 8.30 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

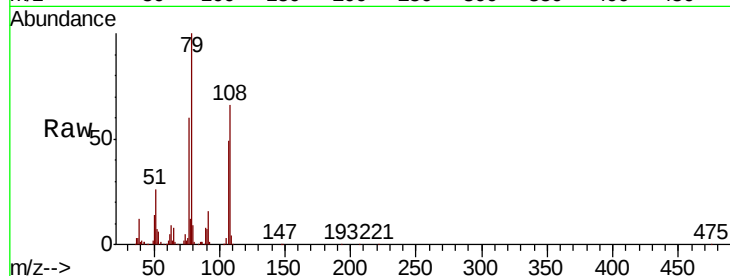
Tot Ion: 79 Resp: 166570

Ion Ratio Lower Upper

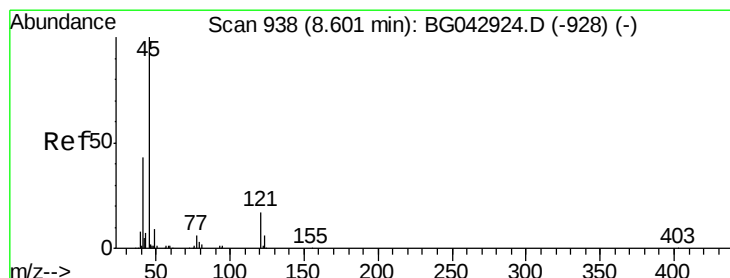
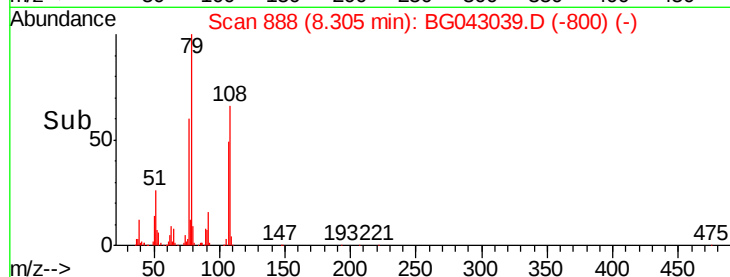
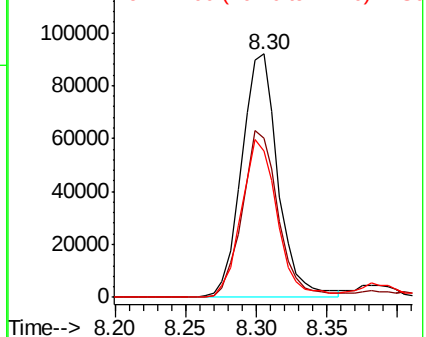
79 100

108 65.6 55.7 83.5

77 60.1 53.3 79.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.844 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

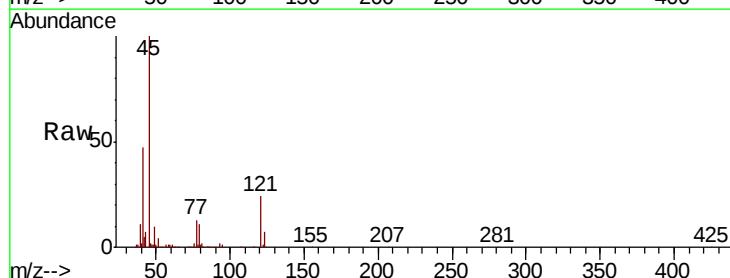
Tgt Ion: 45 Resp: 243190

Ion Ratio Lower Upper

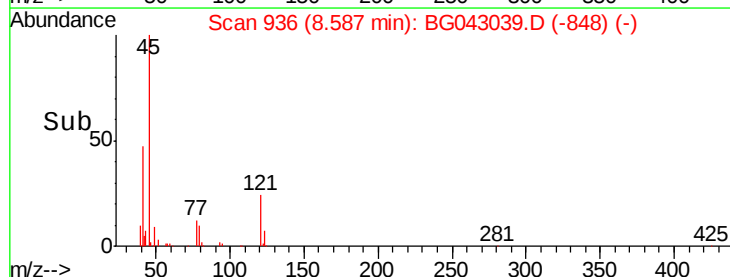
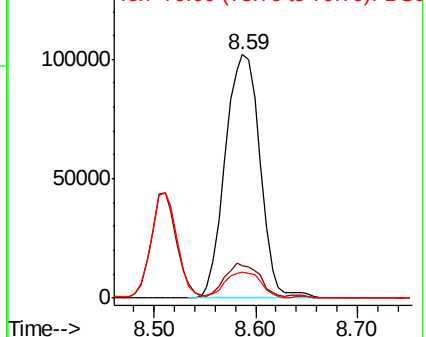
45 100

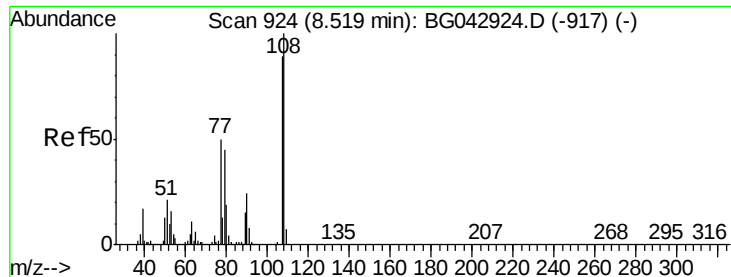
77 13.5 0.0 32.8

79 10.9 0.0 29.4



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





#17

2-Methylphenol

Concen: 39.001 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampled :

MW-103-IMS

Tot Ion:107 Resp: 149657

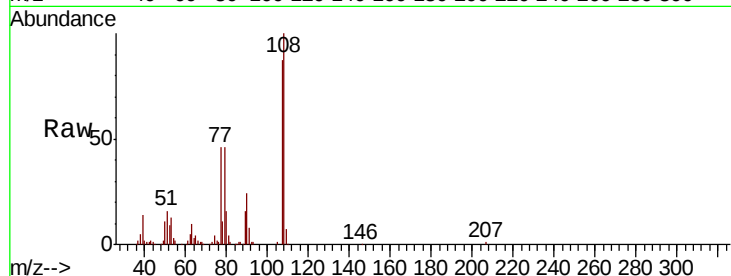
Ion Ratio Lower Upper

107 100

108 115.5 89.9 134.9

77 53.0 45.4 68.2

79 52.8 41.4 62.0

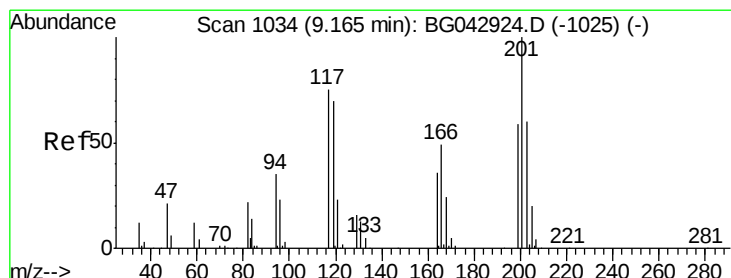
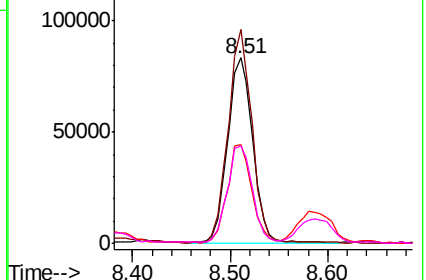
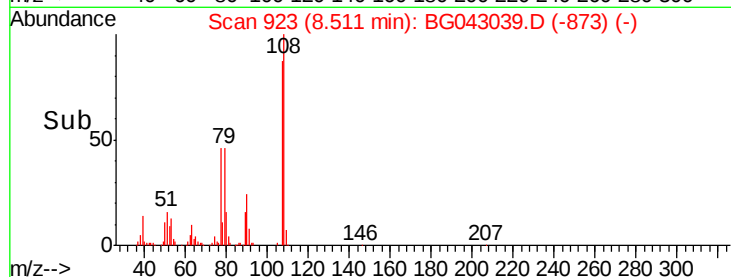


Abundance Ion 107.00 (106.70 to 107.70): E

150000 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: 30.152 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

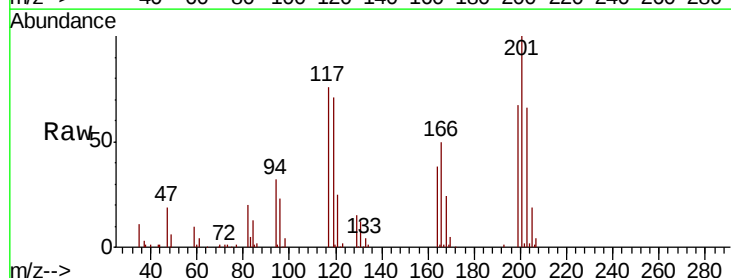
Tgt Ion:117 Resp: 62512

Ion Ratio Lower Upper

117 100

119 94.0 74.6 111.8

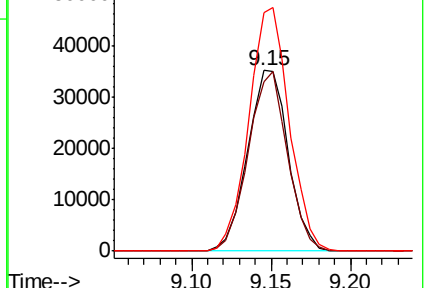
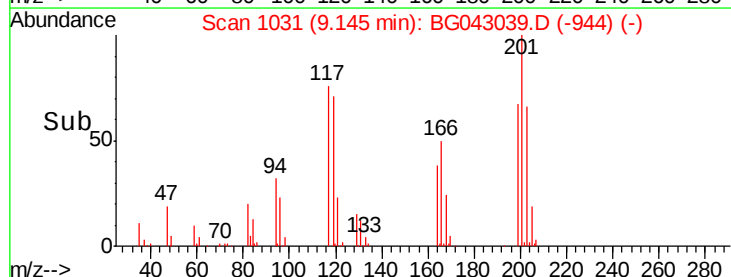
201 132.3 106.0 159.0

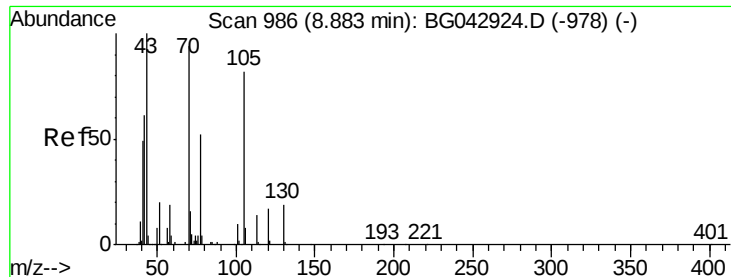


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

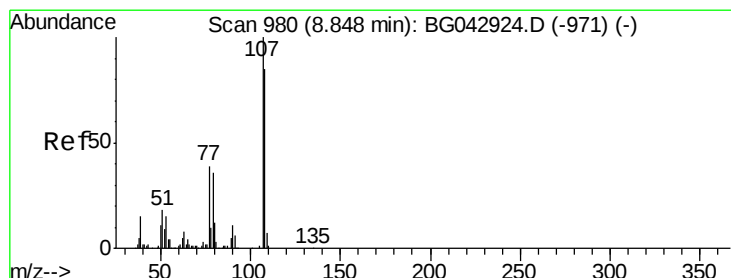
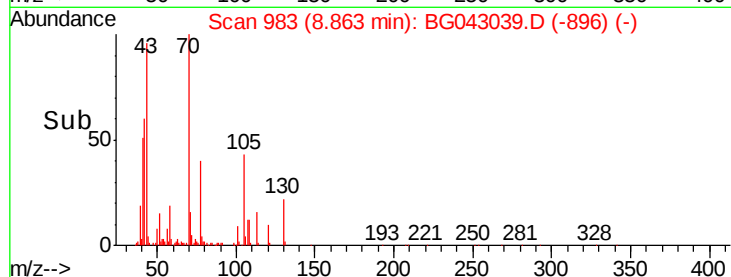
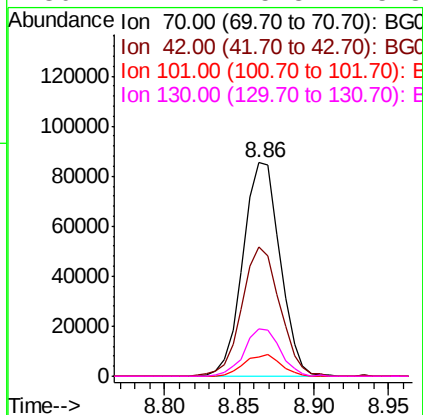
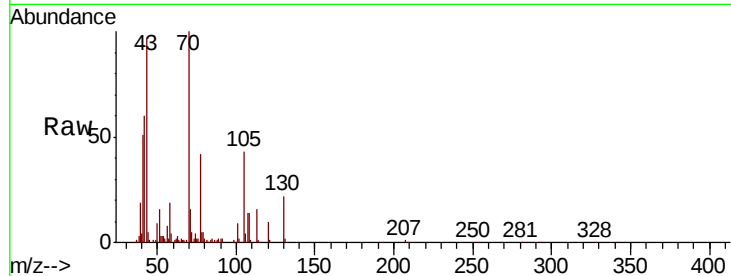




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.454 ng  
RT: 8.86 min Scan# 983  
Delta R.T. -0.02 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

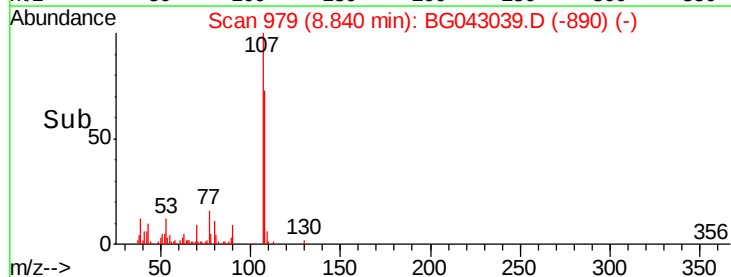
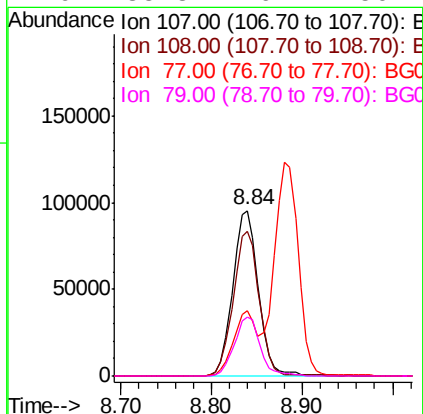
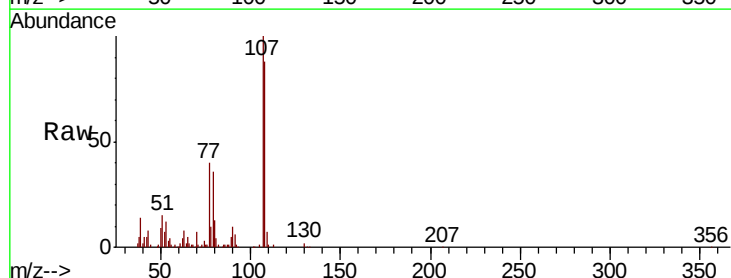
Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

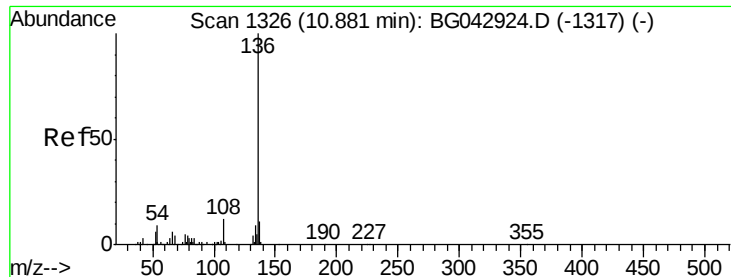
Tot Ion: 70 Resp: 147006  
Ion Ratio Lower Upper  
70 100  
42 60.2 52.6 79.0  
101 9.2 8.7 13.1  
130 22.1 15.8 23.8



#20  
3+4-Methylphenols  
Concen: 35.720 ng  
RT: 8.84 min Scan# 979  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Tgt Ion: 107 Resp: 187836  
Ion Ratio Lower Upper  
107 100  
108 87.7 64.9 104.9  
77 39.9 19.4 59.4  
79 35.8 16.2 56.2

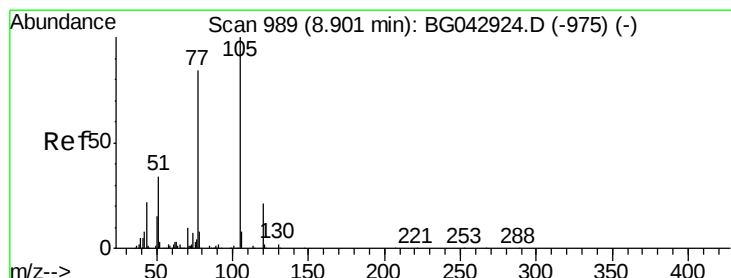
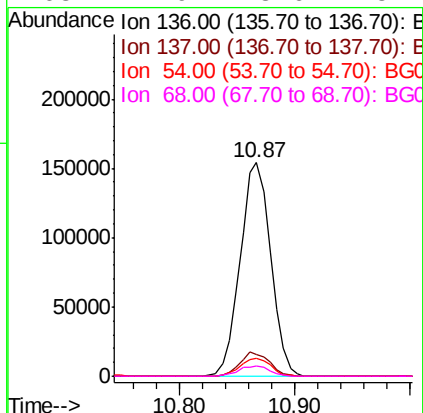
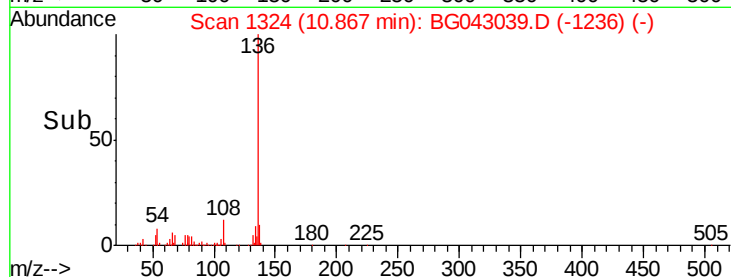
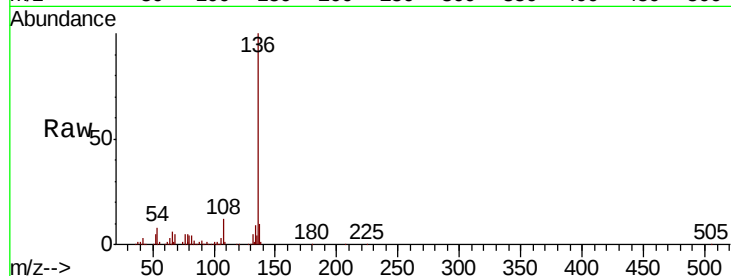




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

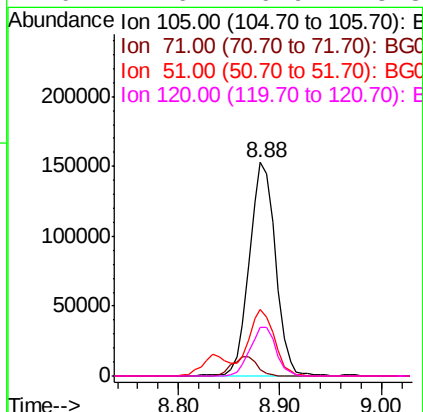
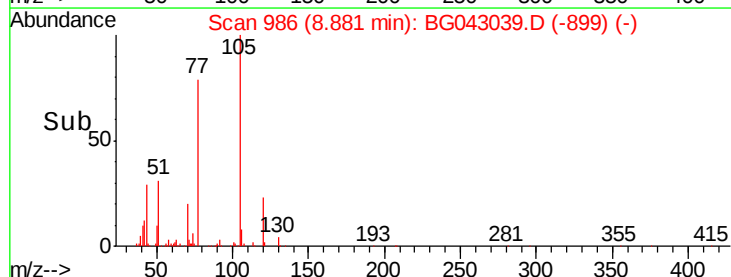
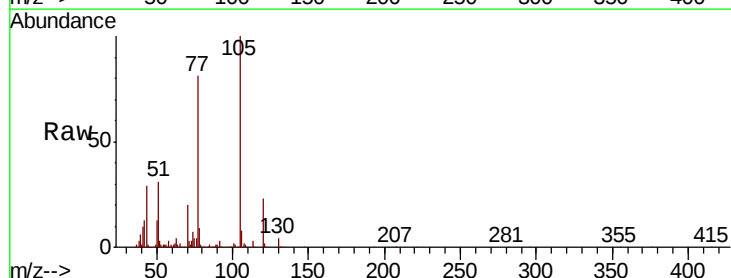
Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

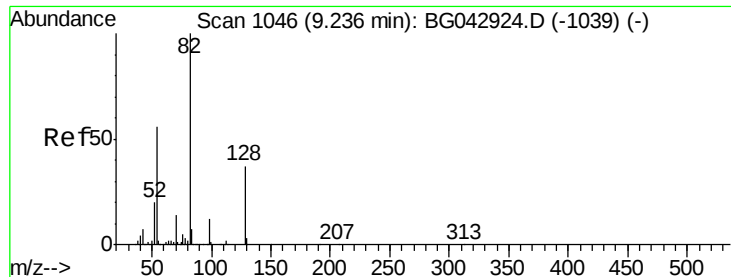
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 283134 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.1    | 8.5   | 12.7   |
| 54 8.3      | 7.4   | 11.2   |
| 68 4.9      | 3.6   | 5.4    |



#22  
Acetophenone  
Concen: 37.590 ng  
RT: 8.88 min Scan# 986  
Delta R.T. -0.02 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 274340 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 3.0     | 1.2   | 1.8#   |
| 51  | 31.4    | 27.2  | 40.8   |
| 120 | 22.6    | 16.9  | 25.3   |

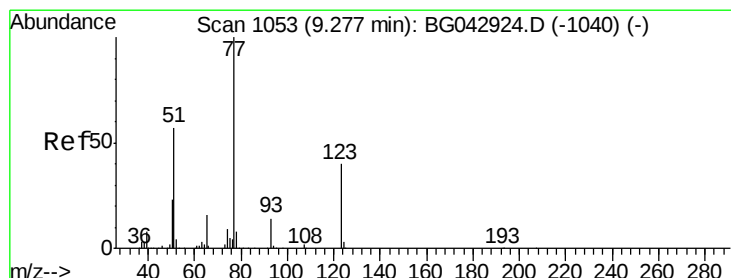
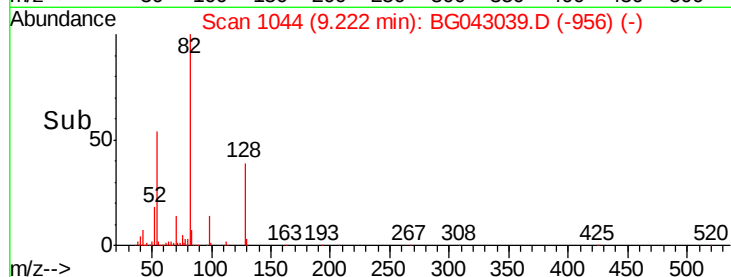
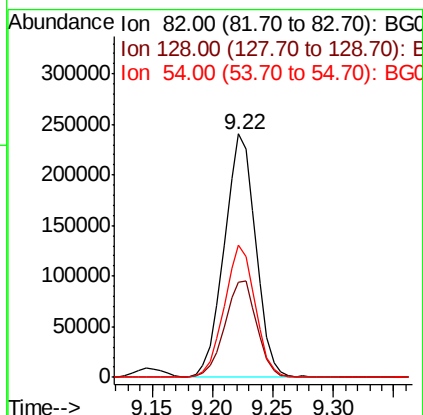
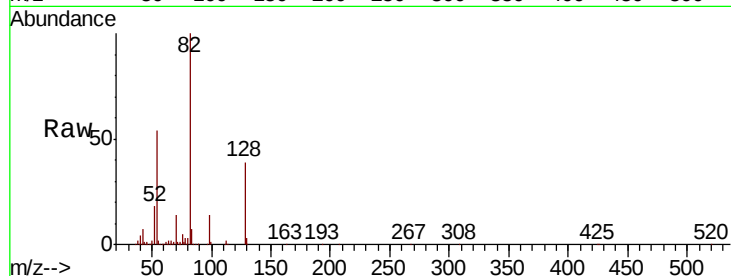




#23  
 Nitrobenzene-d5  
 Concen: 74.575 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. -0.01 min  
 Lab File: BG043039.D  
 Acq: 4 Oct 2019 22:06

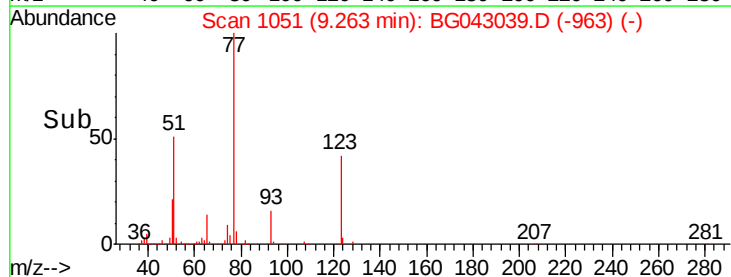
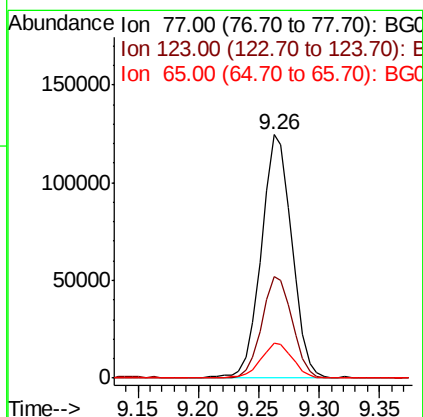
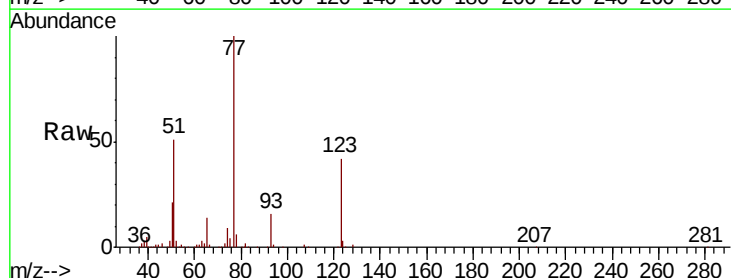
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-103-IMS

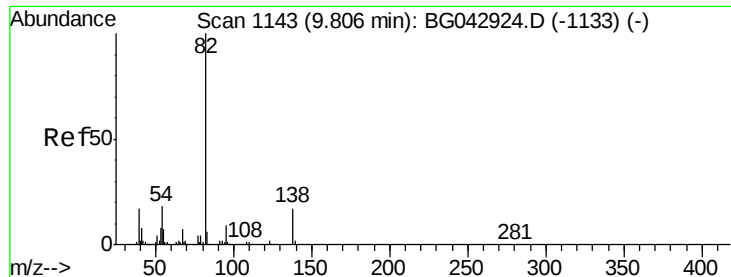
Tot Ion: 82 Resp: 434411  
 Ion Ratio Lower Upper  
 82 100  
 128 39.0 29.5 44.3  
 54 54.2 44.6 67.0



#24  
 Nitrobenzene  
 Concen: 39.312 ng  
 RT: 9.26 min Scan# 1051  
 Delta R.T. -0.01 min  
 Lab File: BG043039.D  
 Acq: 4 Oct 2019 22:06

Tgt Ion: 77 Resp: 218428  
 Ion Ratio Lower Upper  
 77 100  
 123 41.8 31.9 47.9  
 65 14.2 12.4 18.6





#25

Isophorone

Concen: 40.488 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

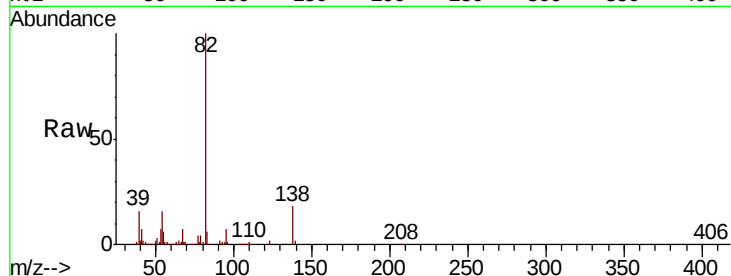
Tot Ion: 82 Resp: 414276

Ion Ratio Lower Upper

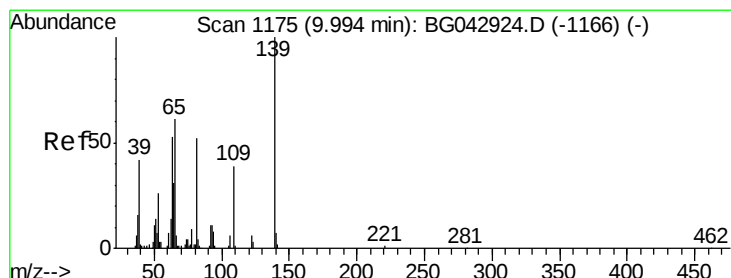
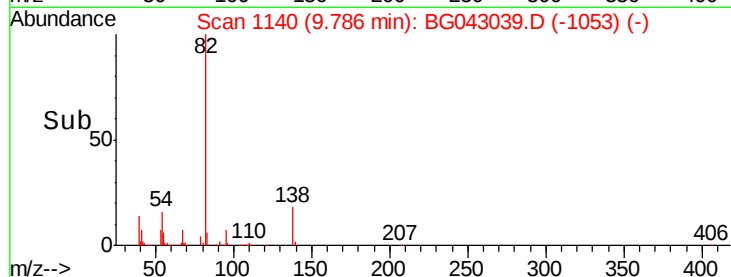
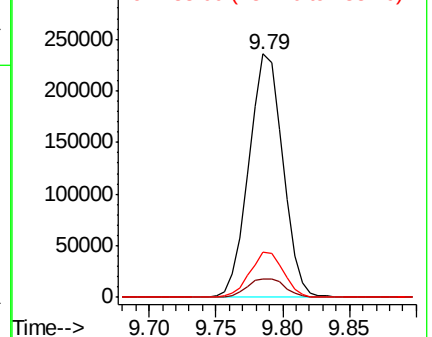
82 100

95 7.3 7.0 10.4

138 18.4 13.8 20.6



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



#26

2-Nitrophenol

Concen: 46.161 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

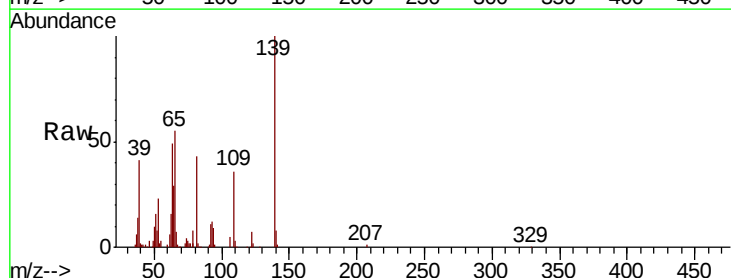
Tgt Ion: 139 Resp: 109186

Ion Ratio Lower Upper

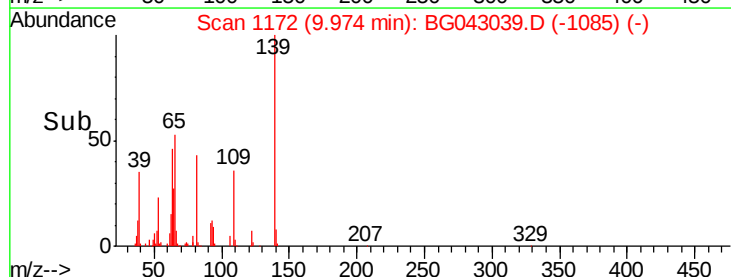
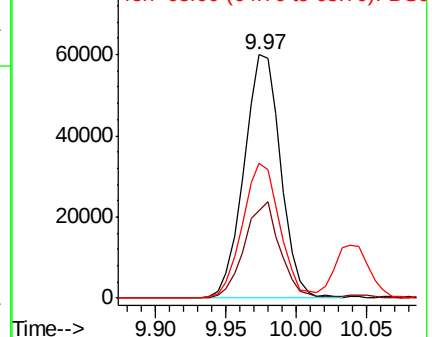
139 100

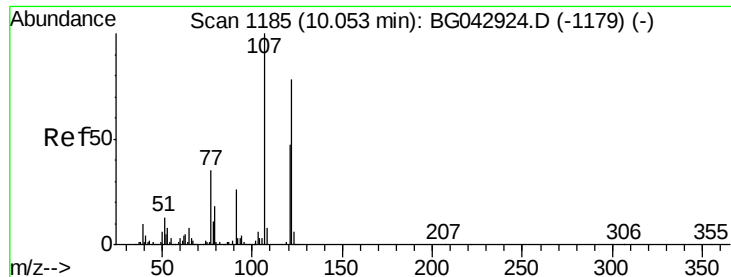
109 36.1 31.0 46.6

65 55.3 48.4 72.6



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

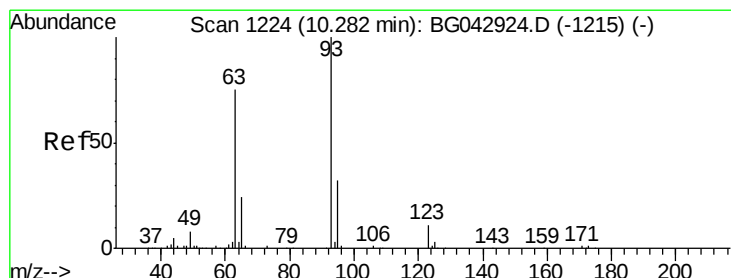
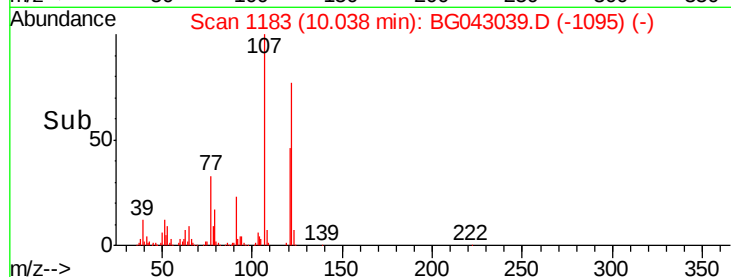
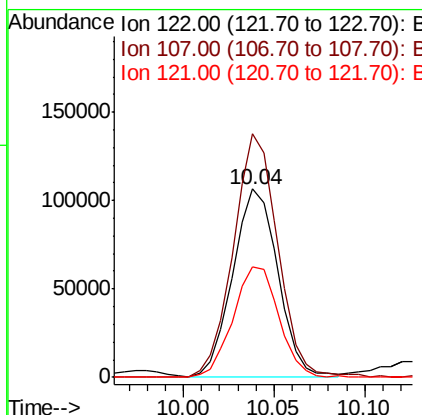
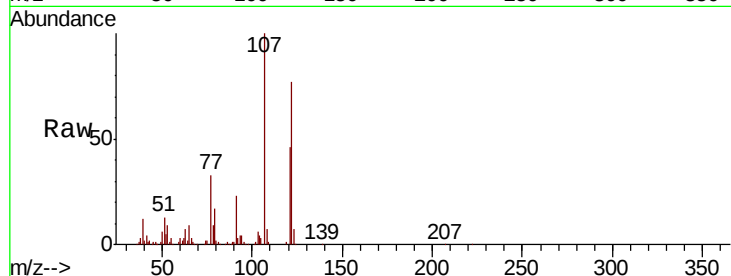




#27  
2,4-Dimethylphenol  
Concen: 50.682 ng  
RT: 10.04 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

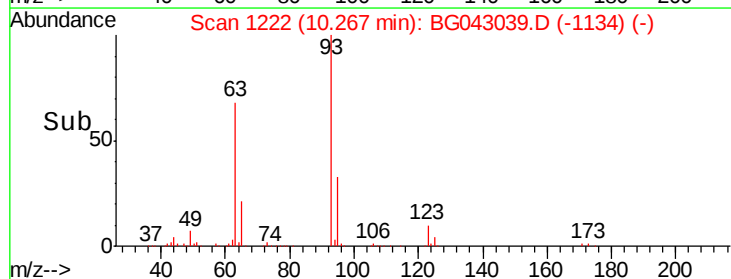
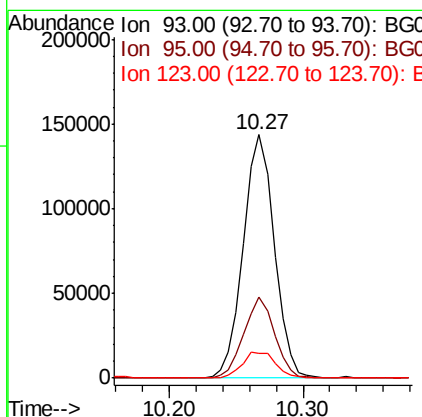
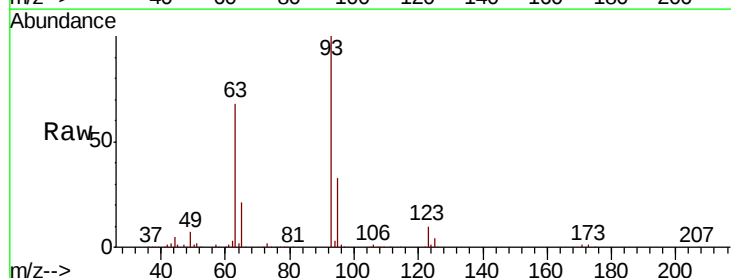
Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

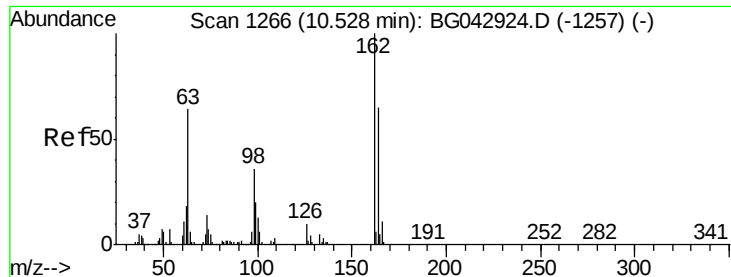
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 129.3 | 102.2 | 153.2 |
| 121     | 58.9  | 48.5  | 72.7  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.846 ng  
RT: 10.27 min Scan# 1222  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.1  | 25.4  | 38.0  |
| 123     | 10.3  | 9.3   | 13.9  |

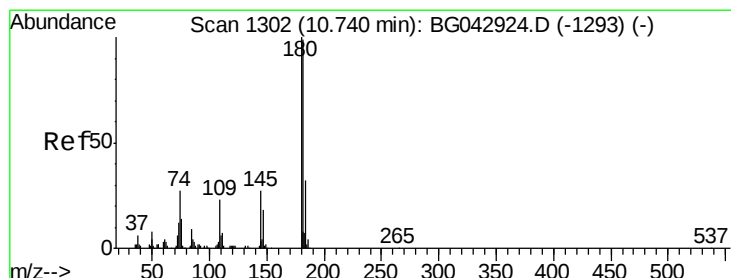
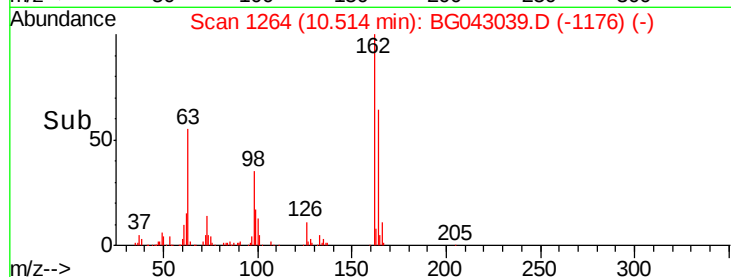
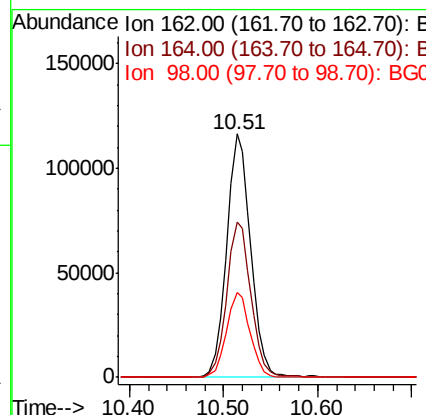
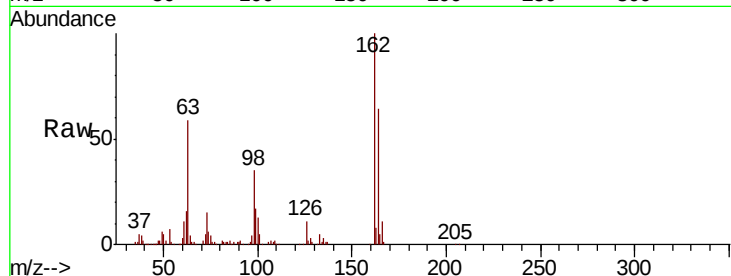




#29  
 2,4-Dichlorophenol  
 Concen: 45.675 ng  
 RT: 10.51 min Scan# 1264  
 Delta R.T. -0.01 min  
 Lab File: BG043039.D  
 Acq: 4 Oct 2019 22:06

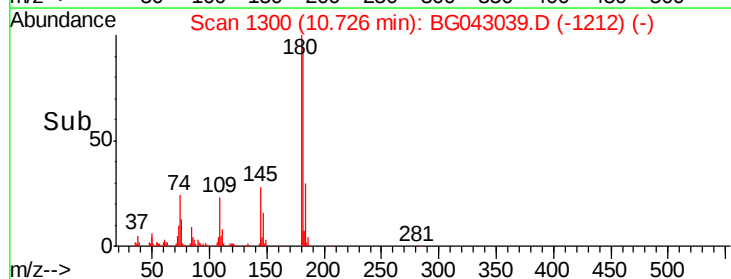
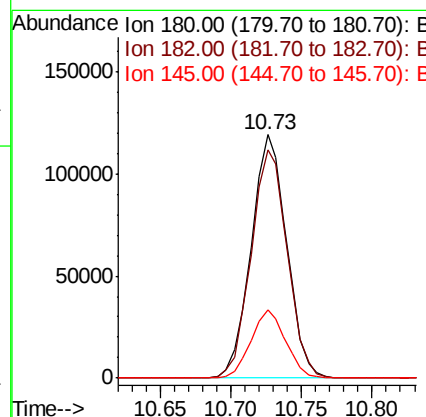
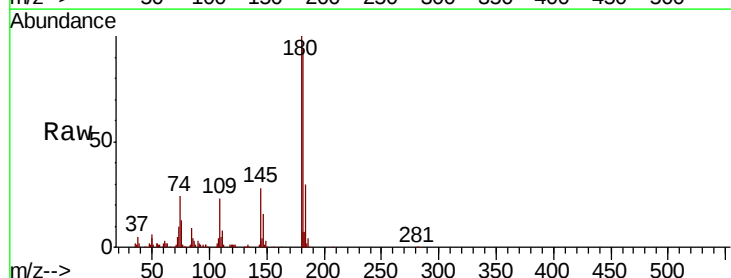
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-103-IMS

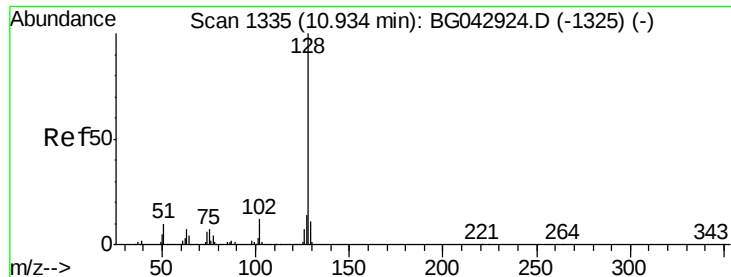
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.0  | 44.7  | 84.7  |
| 98      | 34.8  | 16.0  | 56.0  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.053 ng  
 RT: 10.73 min Scan# 1300  
 Delta R.T. -0.01 min  
 Lab File: BG043039.D  
 Acq: 4 Oct 2019 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.9  | 79.3  | 118.9 |
| 145     | 28.2  | 22.0  | 33.0  |

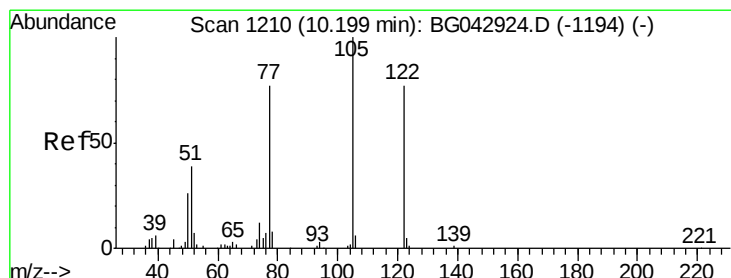
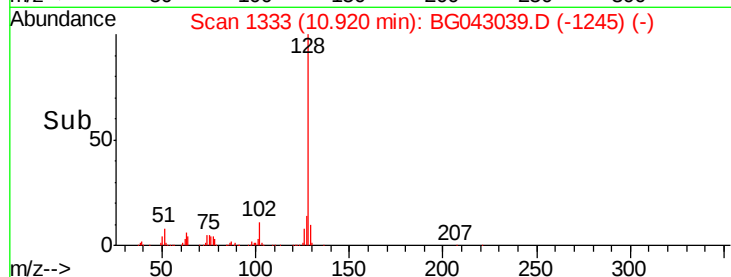
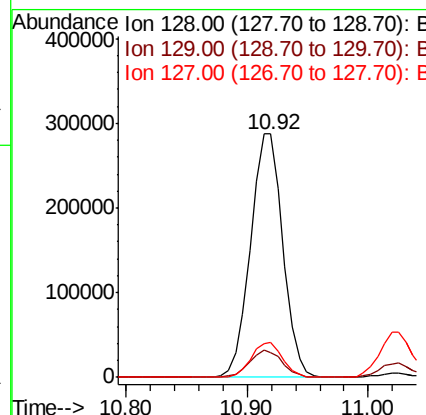
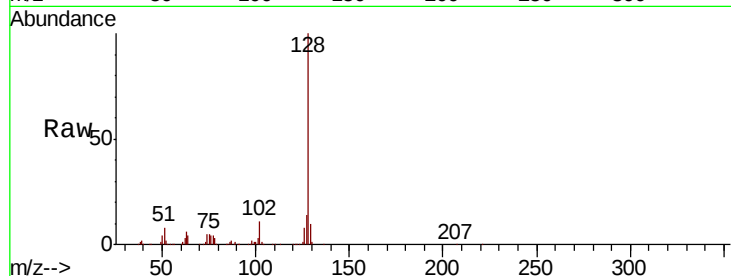




#31  
Naphthalene  
Concen: 38.374 ng  
RT: 10.92 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

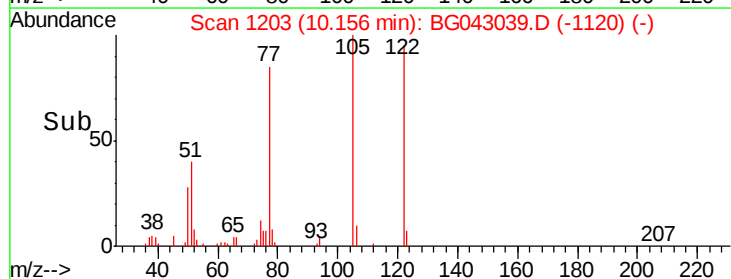
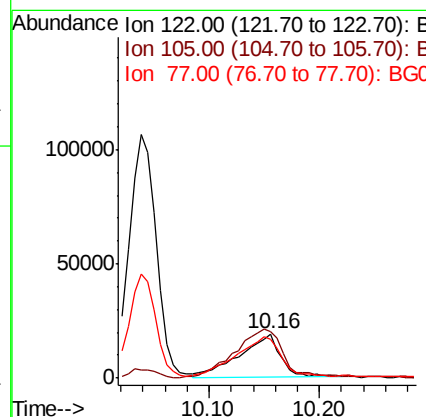
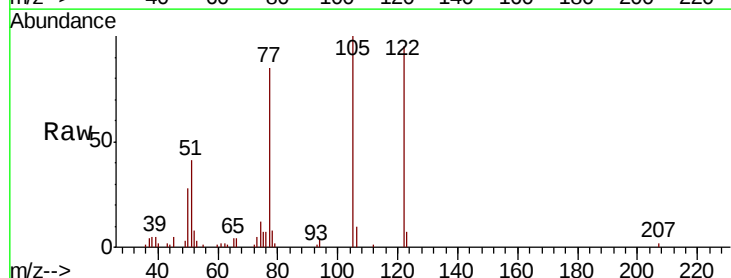
Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

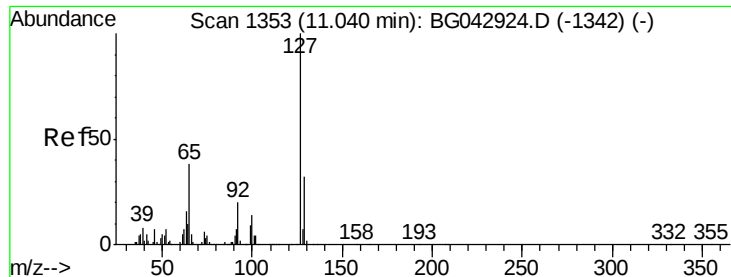
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.0  | 8.8   | 13.2  |
| 127     | 14.2  | 11.3  | 16.9  |



#32  
Benzoic acid  
Concen: 20.497 ng  
RT: 10.16 min Scan# 1203  
Delta R.T. -0.04 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 105.2 | 107.5 | 147.5# |
| 77      | 89.5  | 79.8  | 119.8  |

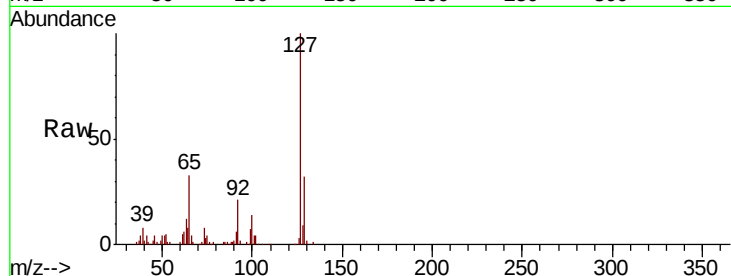




#33  
4-Chloroaniline  
Concen: 16.975 ng  
RT: 11.03 min Scan# 1351  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 102662    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.4  | 26.2 39.2 |
| 65          | 32.8  | 30.6 45.8 |
| 92          | 20.9  | 16.2 24.4 |



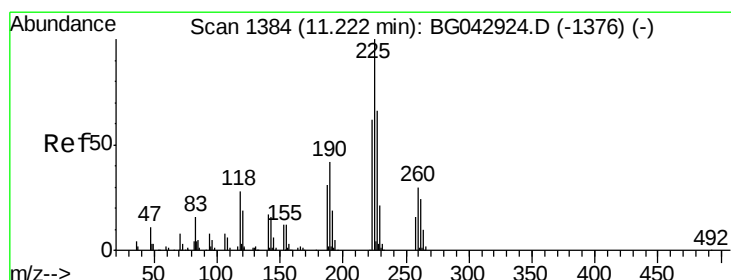
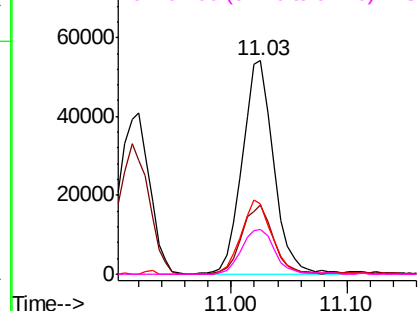
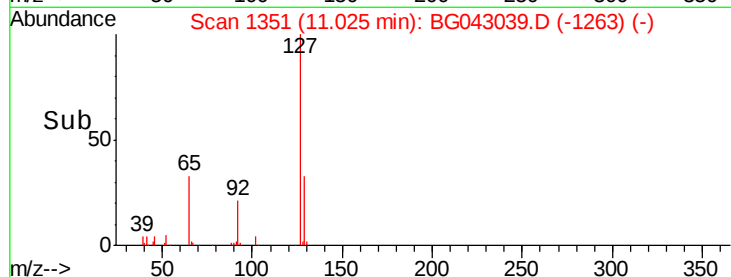
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

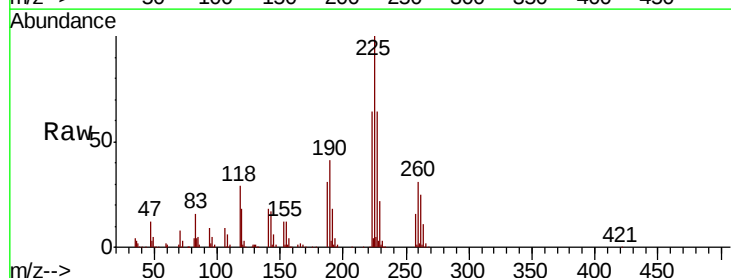
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 32.179 ng  
RT: 11.20 min Scan# 1381  
Delta R.T. -0.02 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 140565    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 64.0  | 49.3 73.9 |
| 227         | 64.2  | 52.8 79.2 |

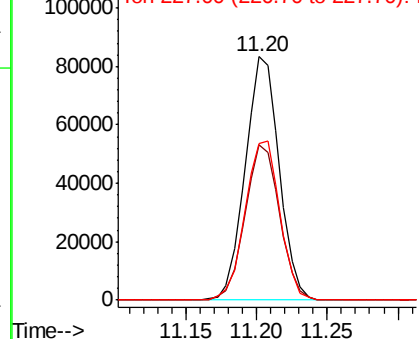
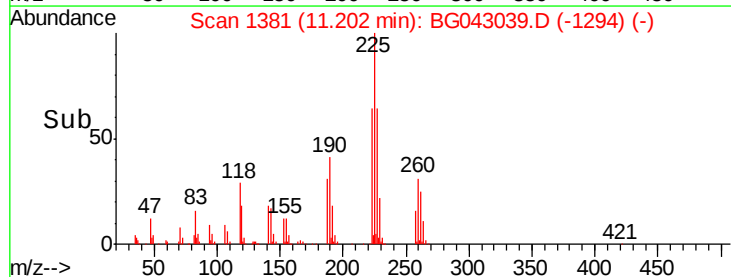


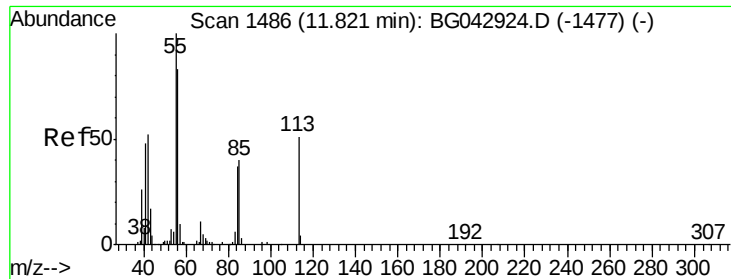
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 7.548 ng

RT: 11.80 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

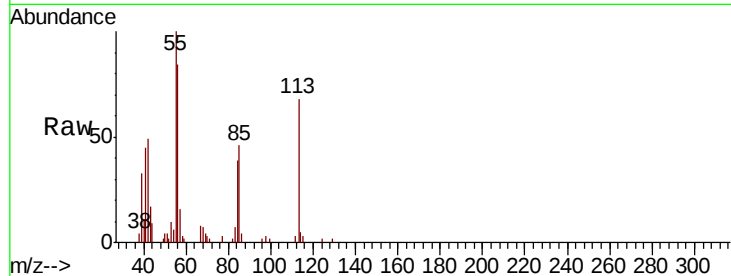
Tot Ion:113 Resp: 12025

Ion Ratio Lower Upper

113 100

55 147.9 175.5 215.5#

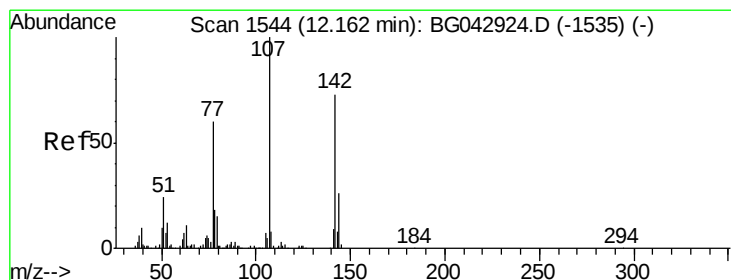
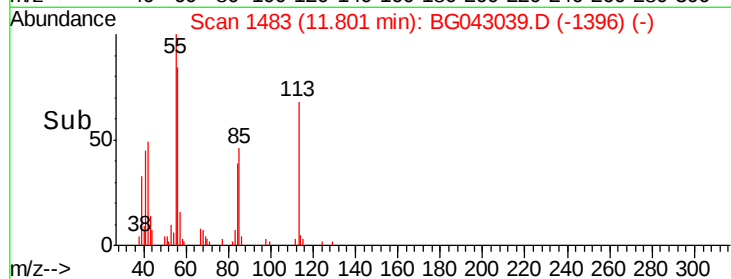
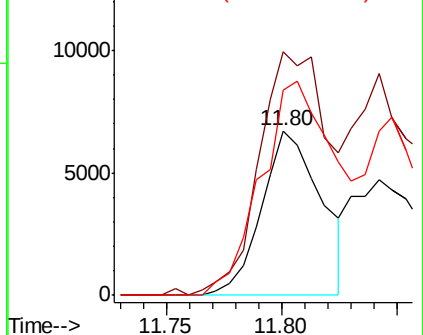
56 124.6 142.3 182.3#



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: 44.911 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

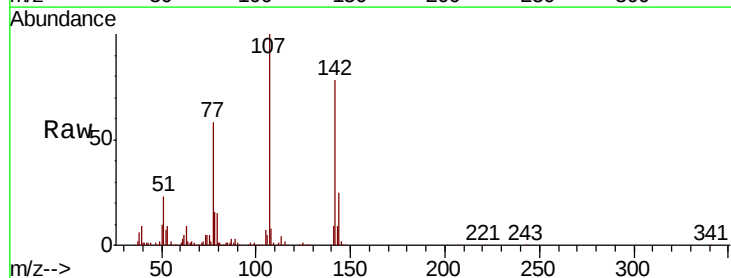
Tgt Ion:107 Resp: 220602

Ion Ratio Lower Upper

107 100

144 25.5 20.7 31.1

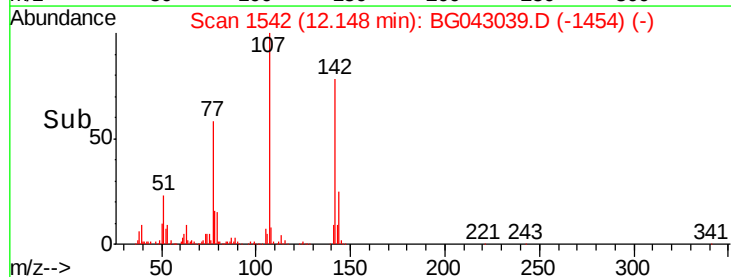
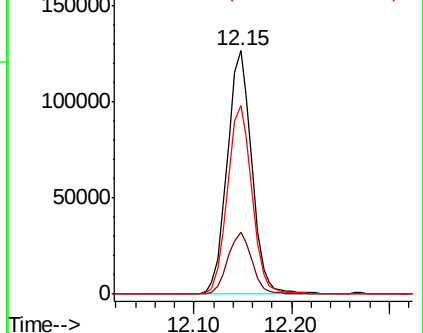
142 77.6 58.6 87.8

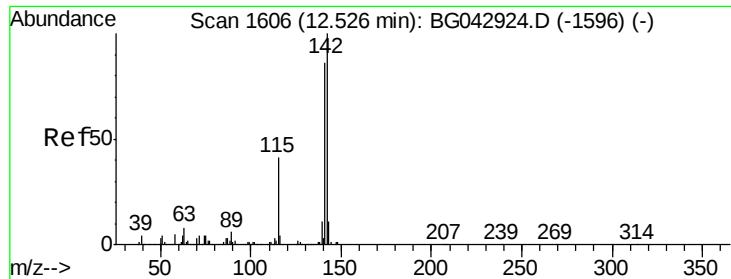


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

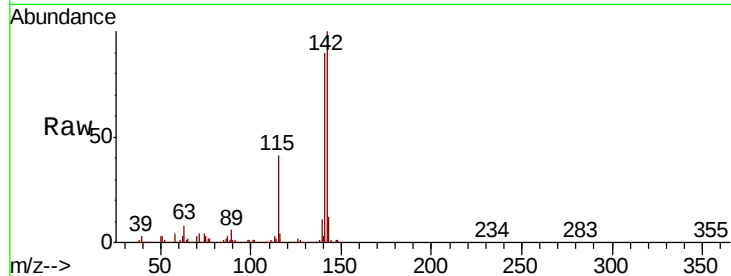




#37  
2-Methylnaphthalene  
Concen: 39.659 ng  
RT: 12.52 min Scan# 1605  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.4  | 69.0  | 103.4 |
| 115     | 40.6  | 32.8  | 49.2  |

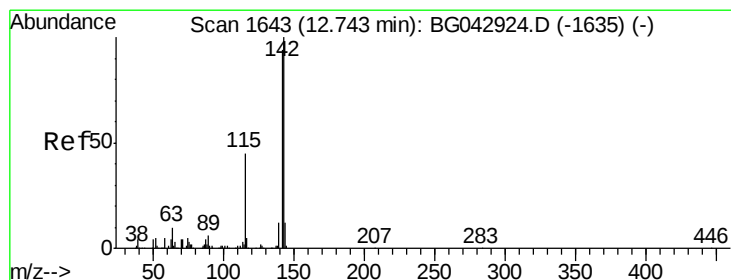
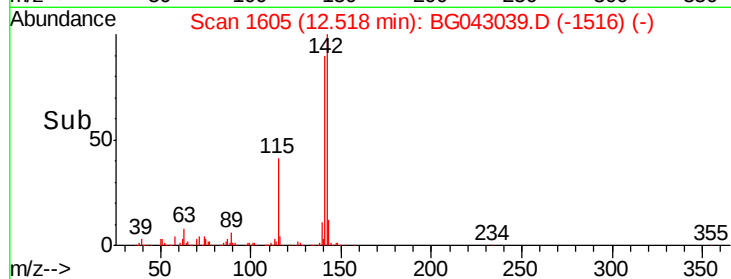
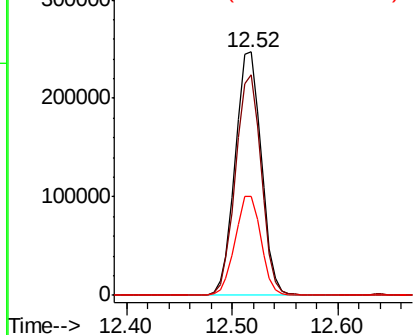


Abundance

Ion 142.00 (141.70 to 142.70): E

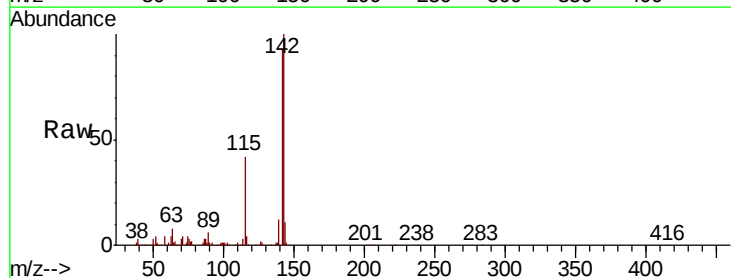
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 39.323 ng  
RT: 12.74 min Scan# 1642  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.8  | 74.9  | 112.3 |
| 116     | 4.1   | 3.7   | 5.5   |

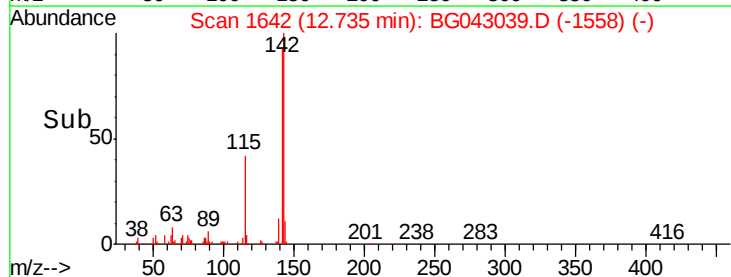
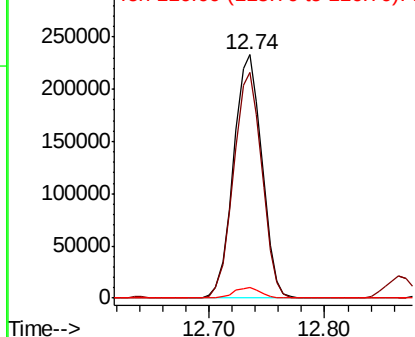


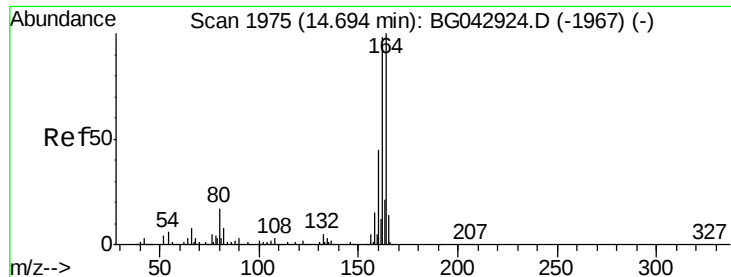
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

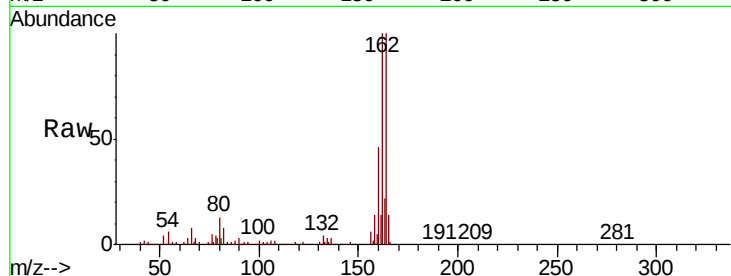
Tot Ion:164 Resp: 201756

Ion Ratio Lower Upper

164 100

162 99.8 78.5 117.7

160 45.6 35.9 53.9

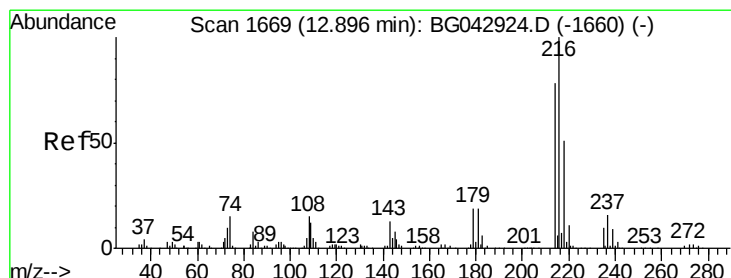
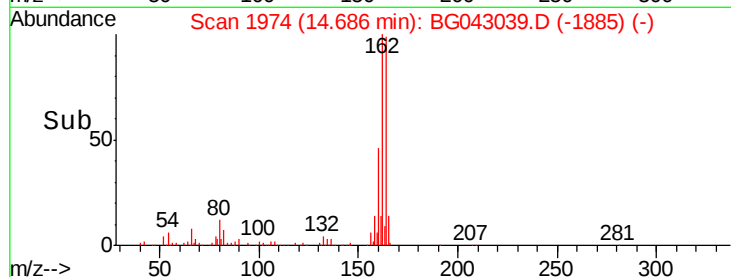
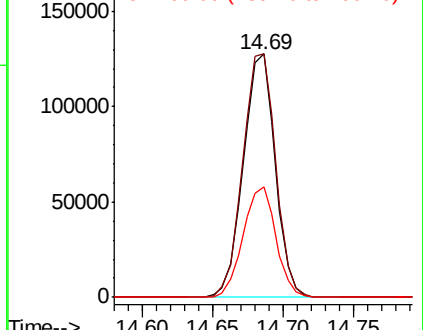


Abundance

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: 37.220 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:216 Resp: 282349

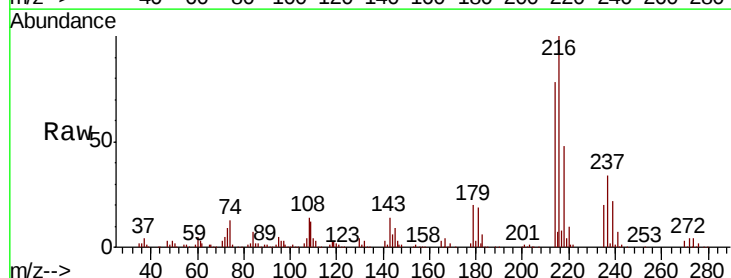
Ion Ratio Lower Upper

216 100

214 77.9 62.4 93.6

179 19.8 15.4 23.2

108 16.5 12.6 19.0



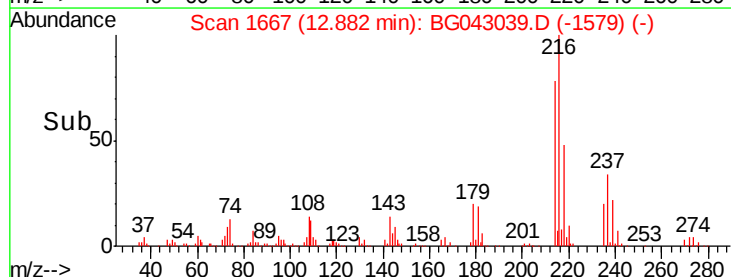
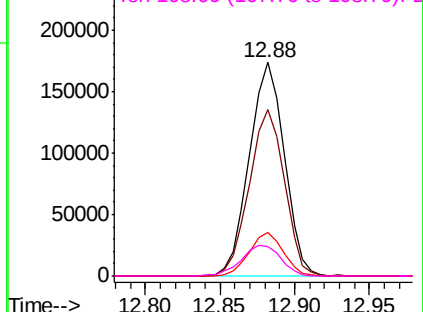
Abundance

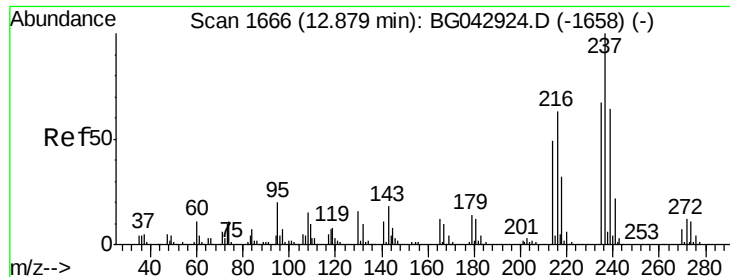
Ion 216.00 (215.70 to 216.70): E

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: 70.509 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

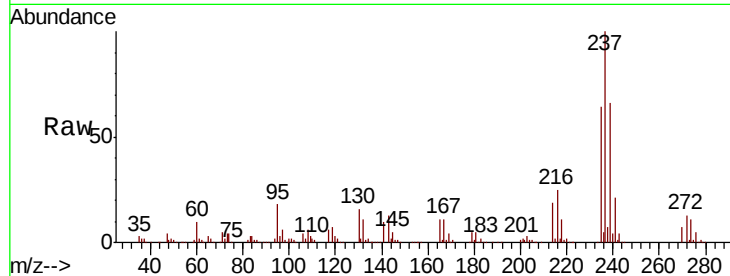
Tot Ion:237 Resp: 340796

Ion Ratio Lower Upper

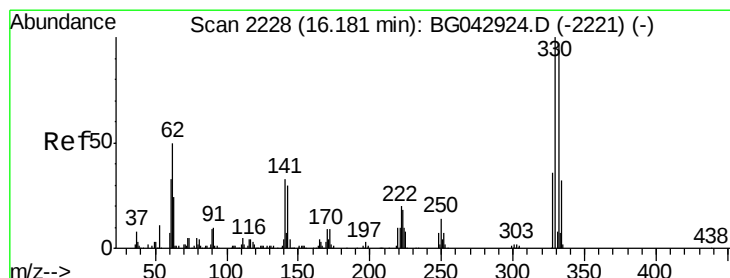
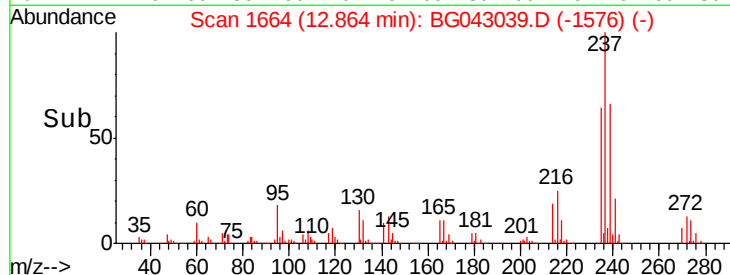
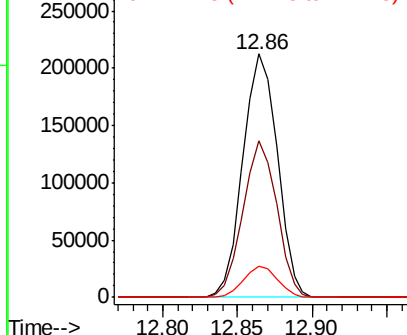
237 100

235 64.2 46.7 86.7

272 13.0 0.0 32.3



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: 123.178 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

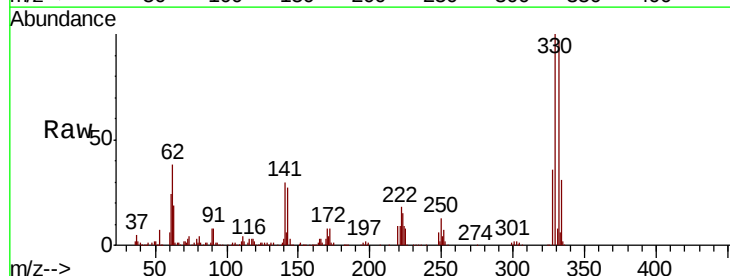
Tgt Ion:330 Resp: 427345

Ion Ratio Lower Upper

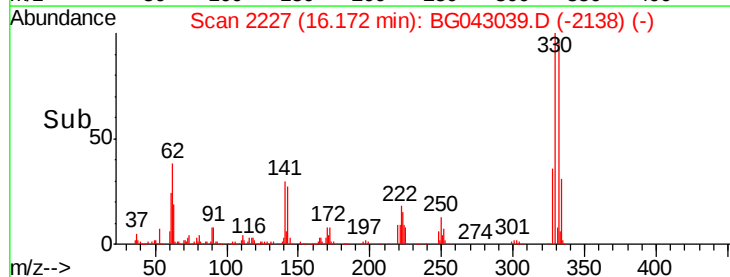
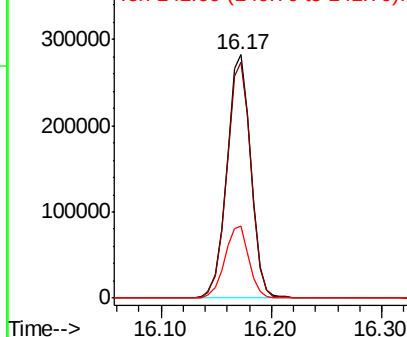
330 100

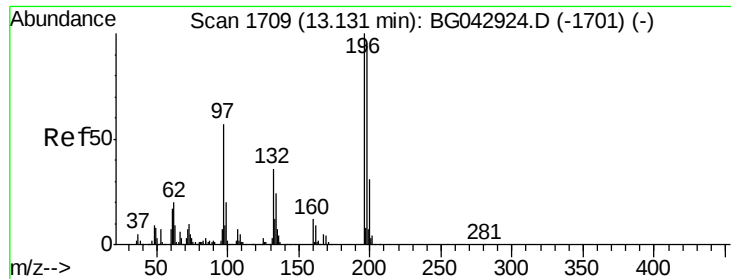
332 97.3 78.2 117.2

141 30.0 26.0 39.0



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

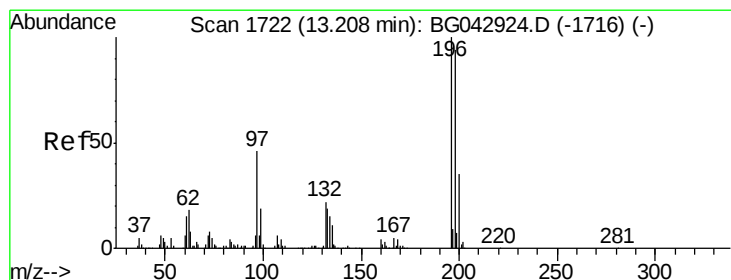
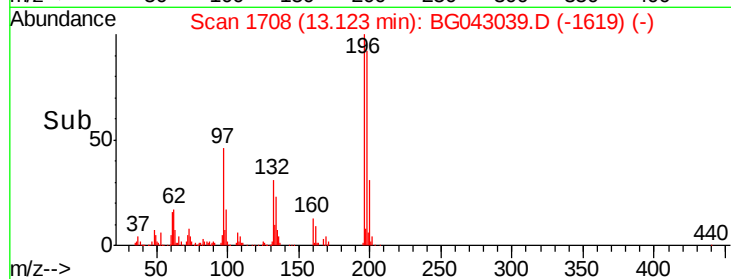
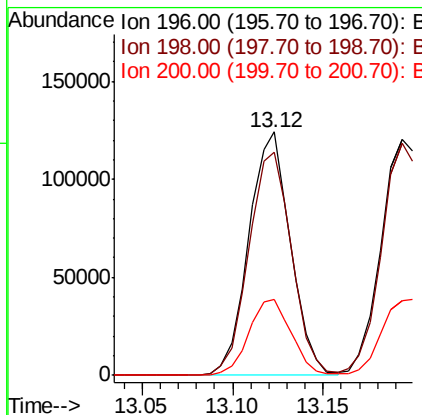
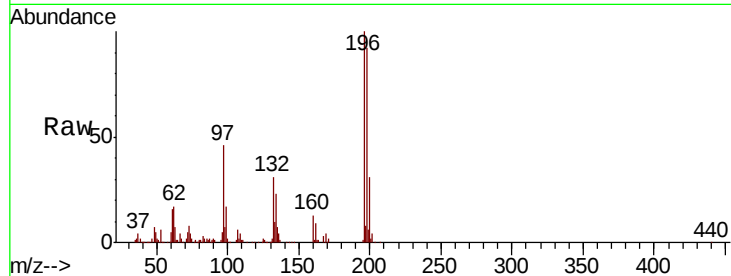




#43  
 2,4,6-Trichlorophenol  
 Concen: 44.670 ng  
 RT: 13.12 min Scan# 1708  
 Delta R.T. -0.01 min  
 Lab File: BG043039.D  
 Acq: 4 Oct 2019 22:06

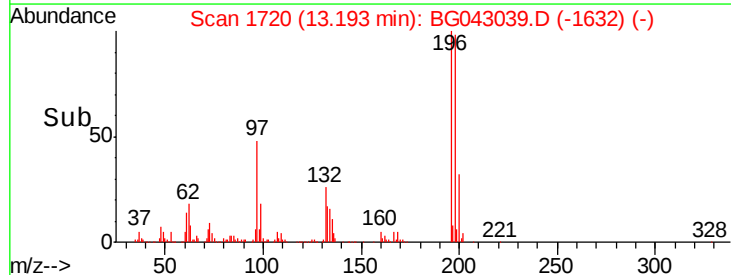
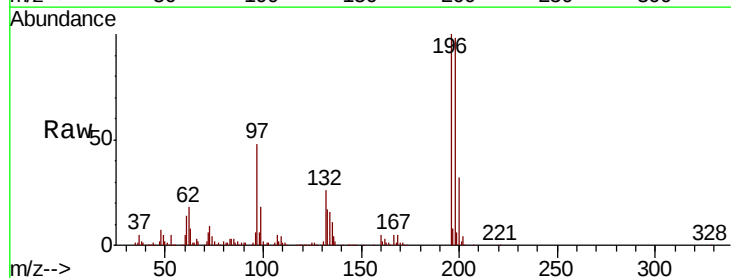
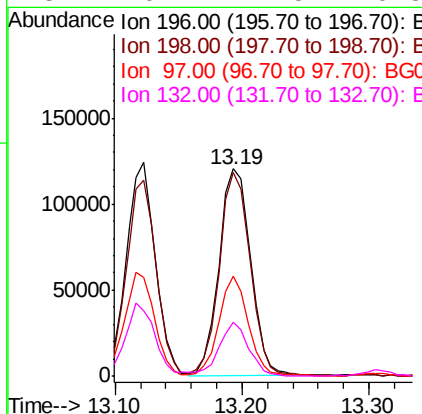
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-103-IMS

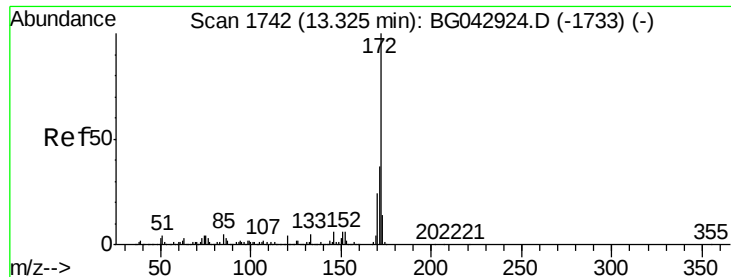
| Tot Ion   | 196   | Resp  | 198336 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 91.9  | 75.5  | 113.3  |
| 200       | 31.2  | 24.9  | 37.3   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.662 ng  
 RT: 13.19 min Scan# 1720  
 Delta R.T. -0.01 min  
 Lab File: BG043039.D  
 Acq: 4 Oct 2019 22:06

| Tgt Ion   | 196   | Resp  | 208853 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 98.1  | 75.1  | 112.7  |
| 97        | 48.1  | 37.0  | 55.4   |
| 132       | 26.1  | 17.5  | 26.3   |

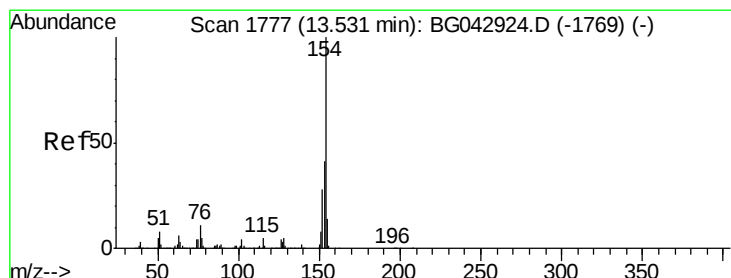
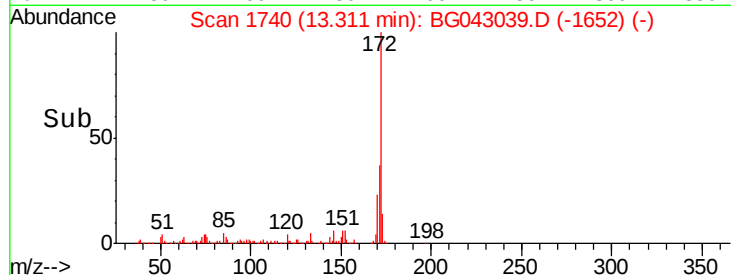
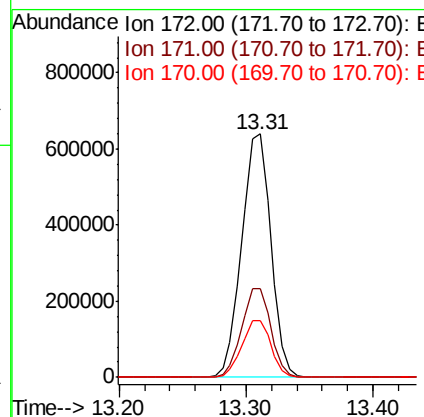
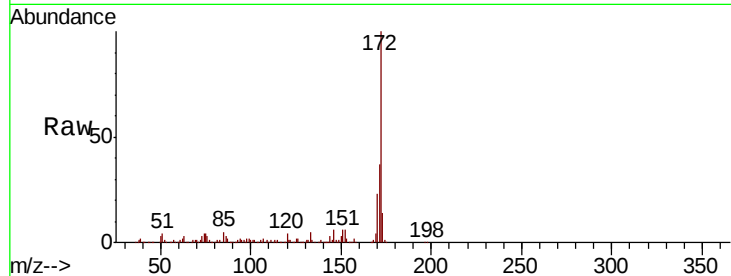




#45  
2-Fluorobiphenyl  
Concen: 73.226 ng  
RT: 13.31 min Scan# 1740  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

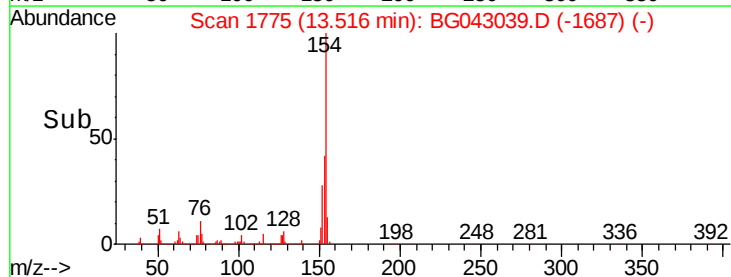
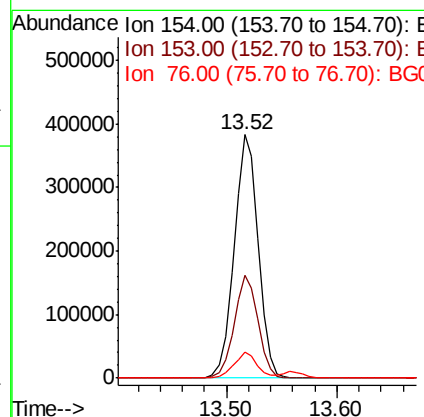
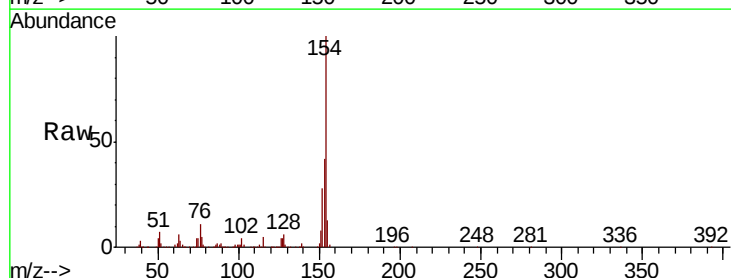
Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

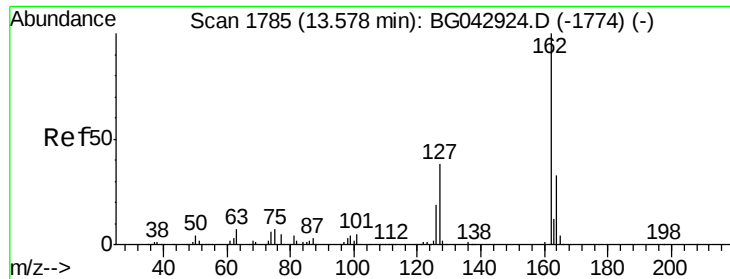
Tot Ion:172 Resp: 1019091  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.6 44.4  
170 23.4 19.6 29.4



#46  
1,1'-Biphenyl  
Concen: 37.956 ng  
RT: 13.52 min Scan# 1775  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Tgt Ion:154 Resp: 580737  
Ion Ratio Lower Upper  
154 100  
153 42.4 21.4 61.4  
76 10.5 0.0 31.3

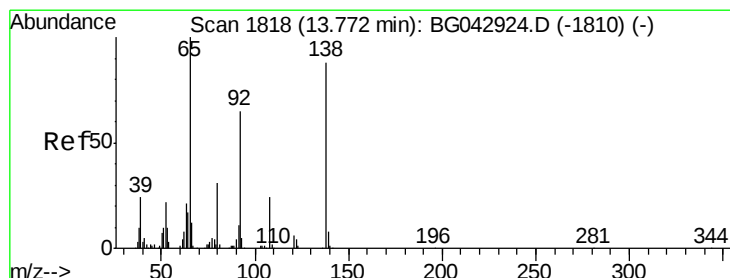
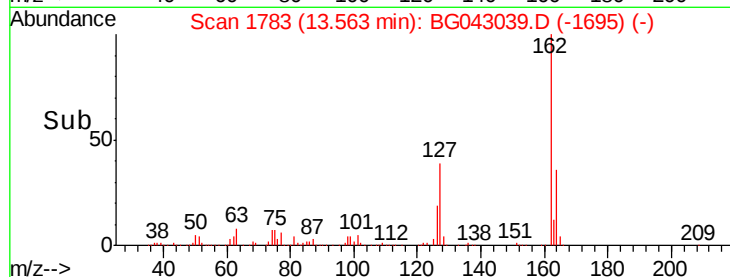
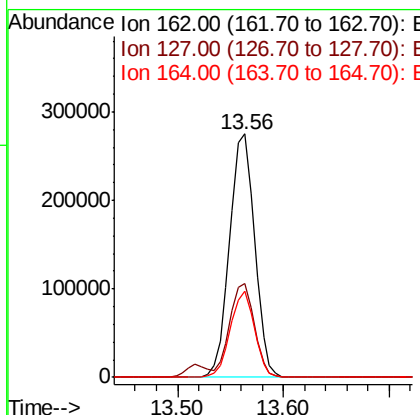
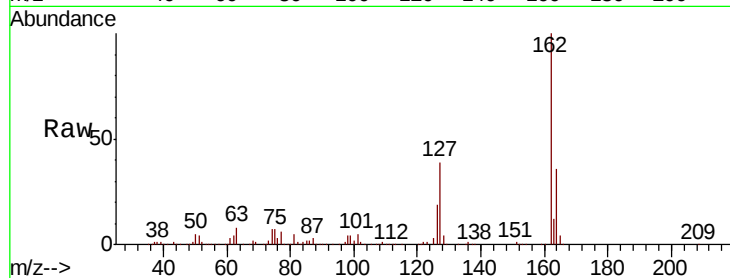




#47  
 2-Chloronaphthalene  
 Concen: 39.201 ng  
 RT: 13.56 min Scan# 1783  
 Delta R.T. -0.01 min  
 Lab File: BG043039.D  
 Acq: 4 Oct 2019 22:06

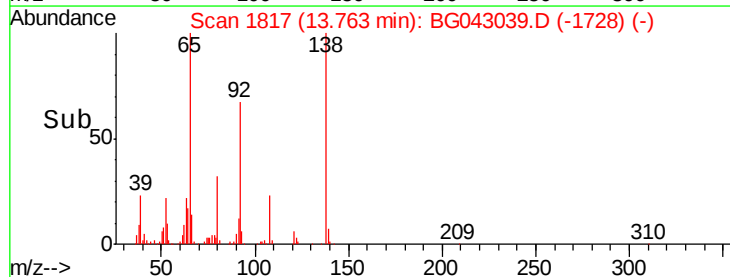
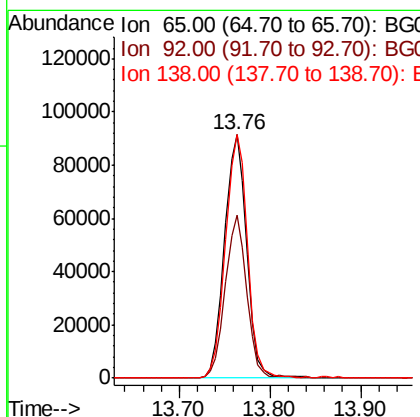
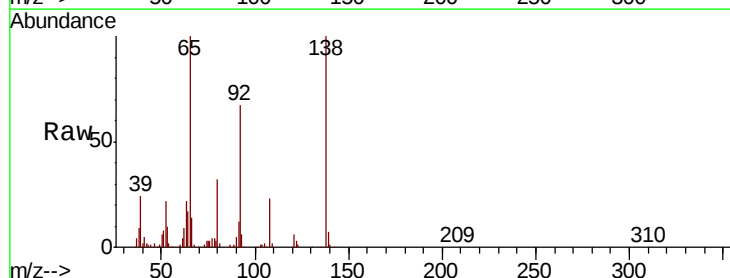
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-103-IMS

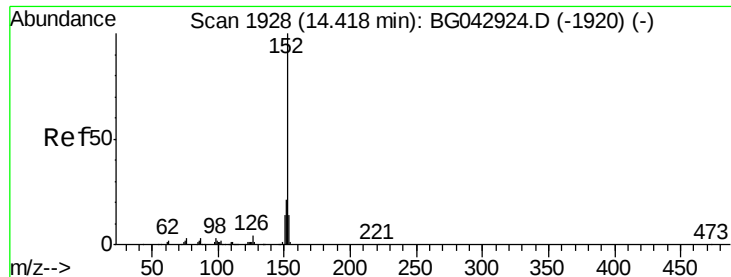
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.8  | 31.0  | 46.6  |
| 164     | 35.6  | 26.2  | 39.2  |



#48  
 2-Nitroaniline  
 Concen: 40.708 ng  
 RT: 13.76 min Scan# 1817  
 Delta R.T. -0.01 min  
 Lab File: BG043039.D  
 Acq: 4 Oct 2019 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.0  | 52.0  | 78.0  |
| 138     | 100.0 | 70.4  | 105.6 |





#49

Acenaphthylene

Concen: 41.402 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

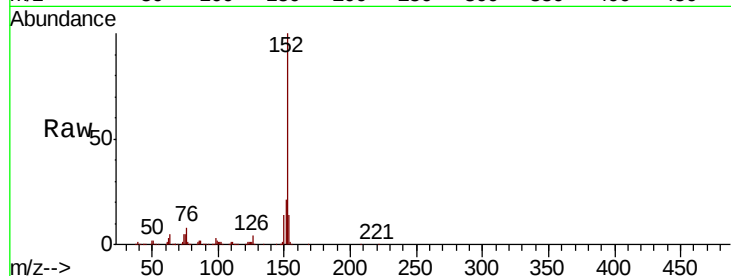
Tot Ion:152 Resp: 726722

Ion Ratio Lower Upper

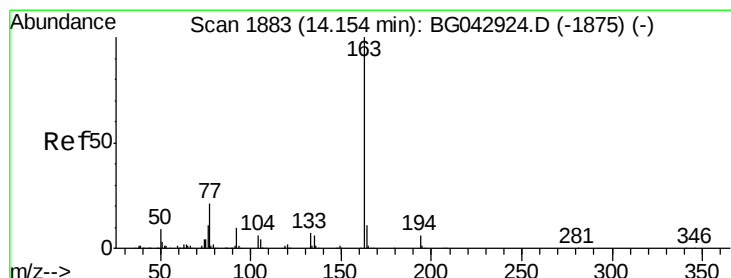
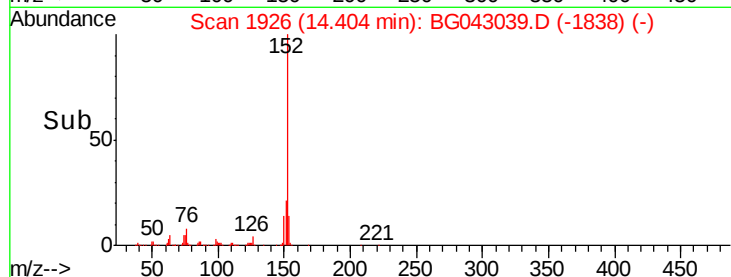
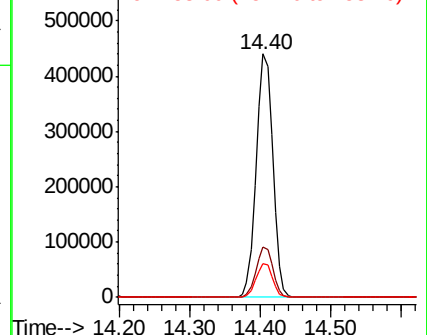
152 100

151 20.6 16.8 25.2

153 14.1 11.3 16.9



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: 52.118 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

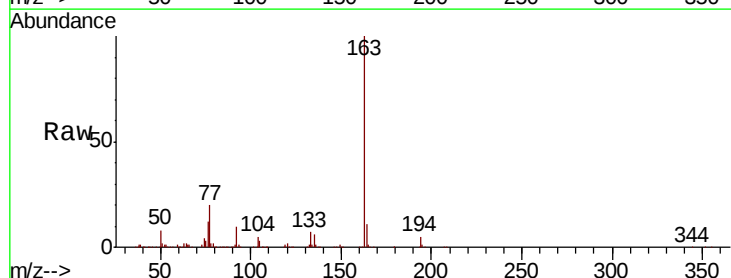
Tgt Ion:163 Resp: 787867

Ion Ratio Lower Upper

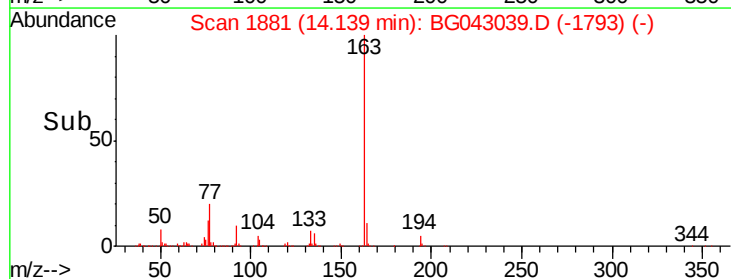
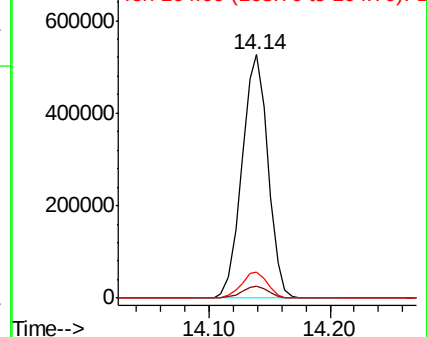
163 100

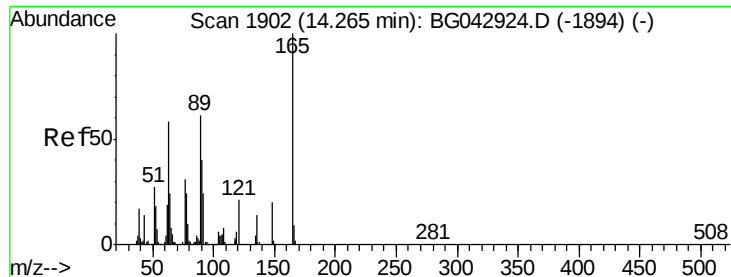
194 5.0 4.4 6.6

164 10.5 8.6 12.8



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: 44.234 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

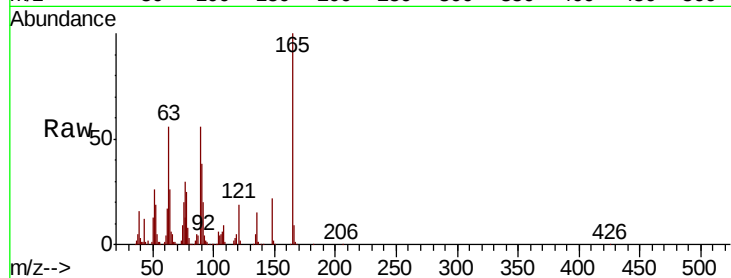
Tot Ion:165 Resp: 142400

Ion Ratio Lower Upper

165 100

63 55.8 50.3 75.5

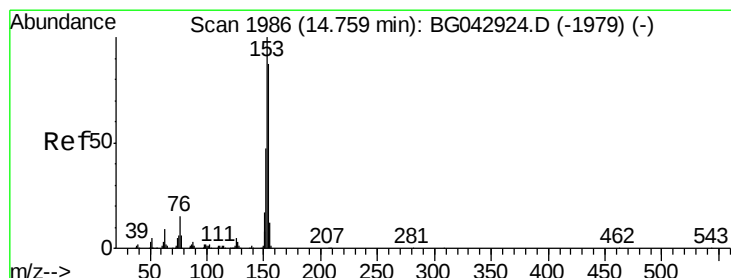
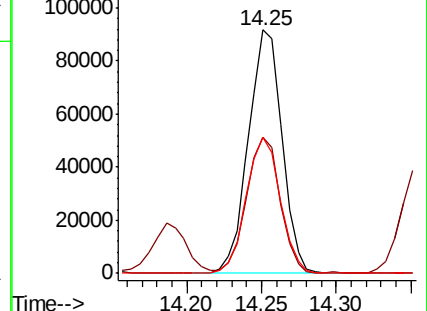
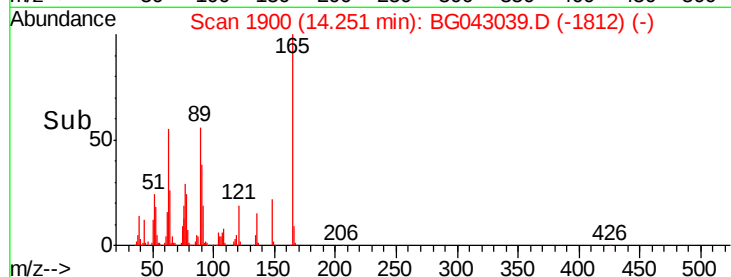
89 56.0 48.9 73.3



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: 39.042 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

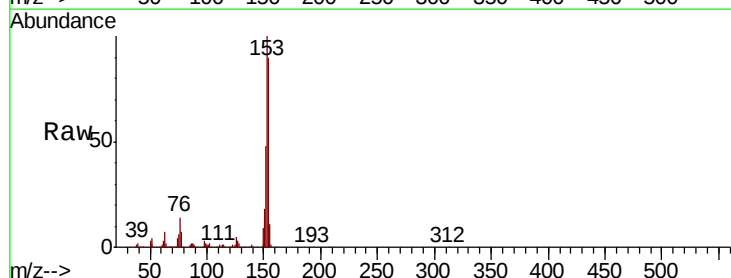
Tgt Ion:154 Resp: 458701

Ion Ratio Lower Upper

154 100

153 111.5 91.4 137.0

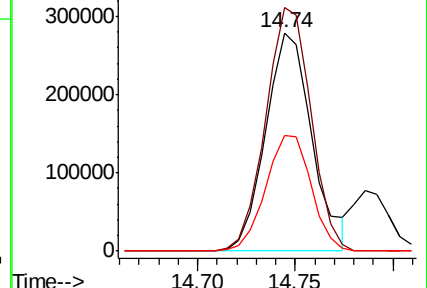
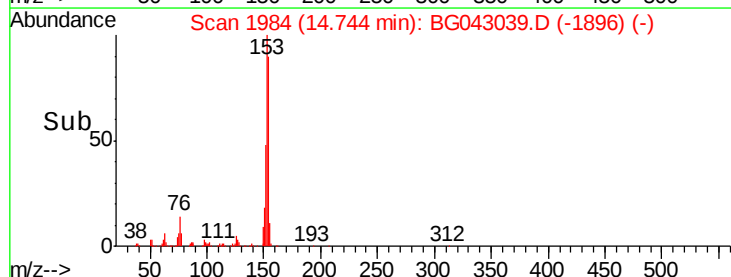
152 53.2 42.8 64.2

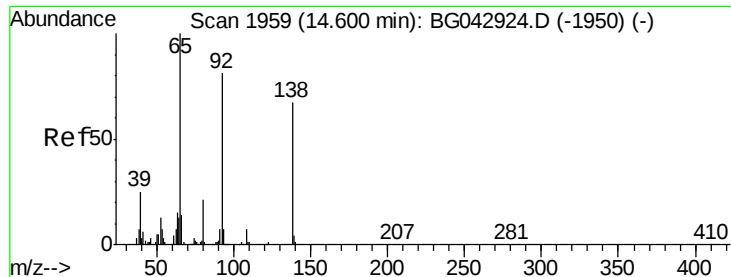


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 21.591 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

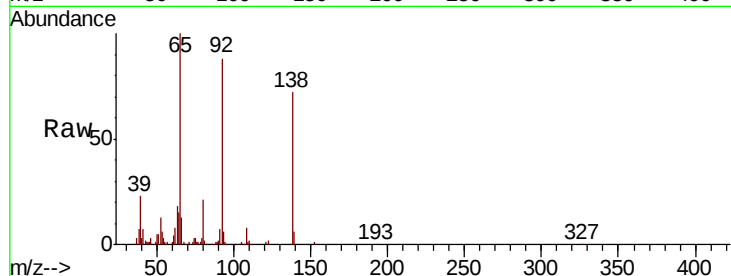
Tot Ion:138 Resp: 71833

Ion Ratio Lower Upper

138 100

108 10.9 7.9 11.9

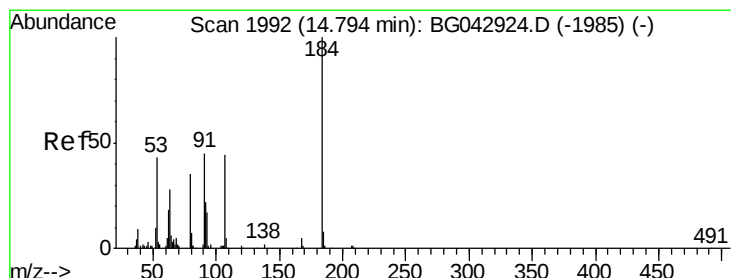
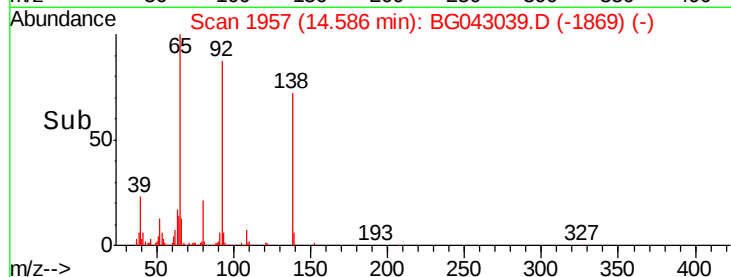
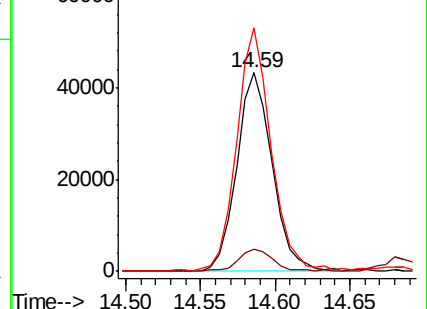
92 122.7 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 93.691 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

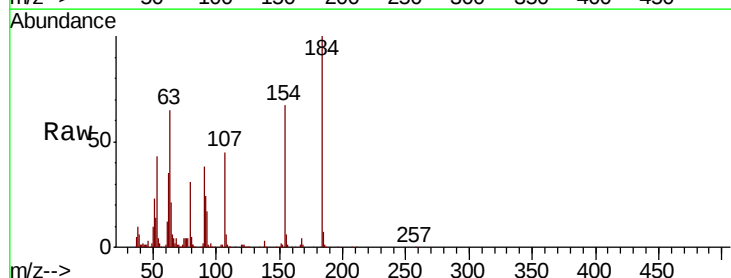
Tgt Ion:184 Resp: 187478

Ion Ratio Lower Upper

184 100

63 65.5 55.0 82.6

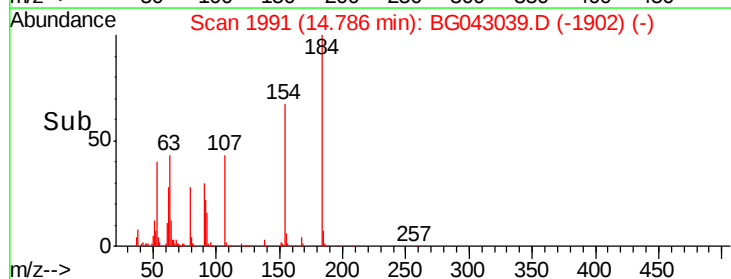
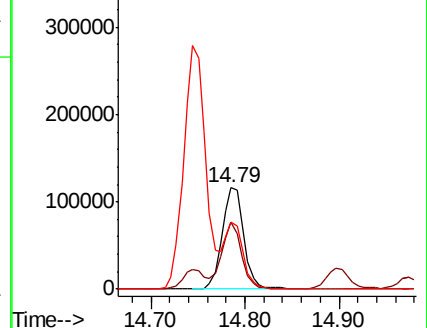
154 66.6 56.5 84.7

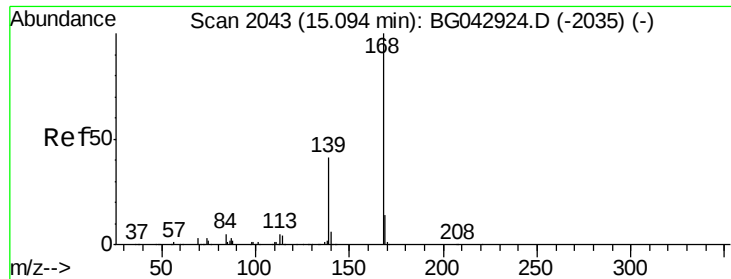


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

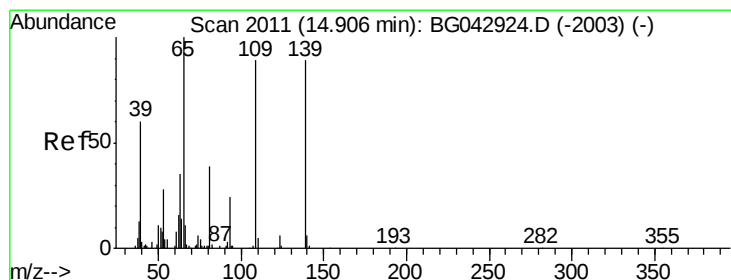
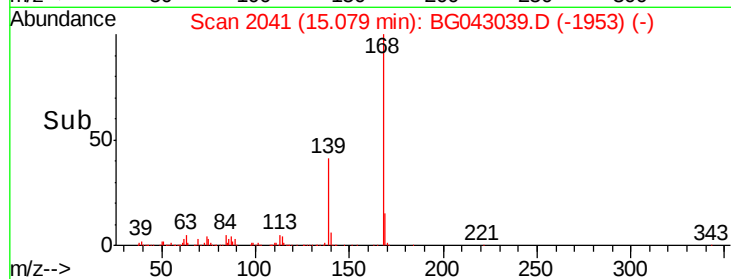
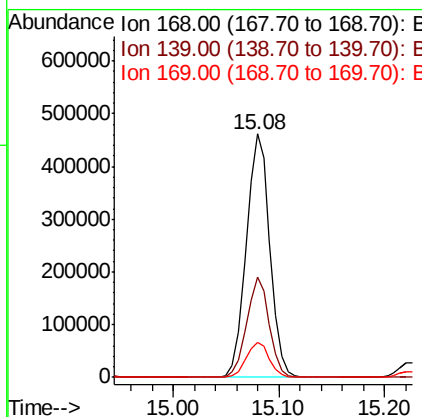
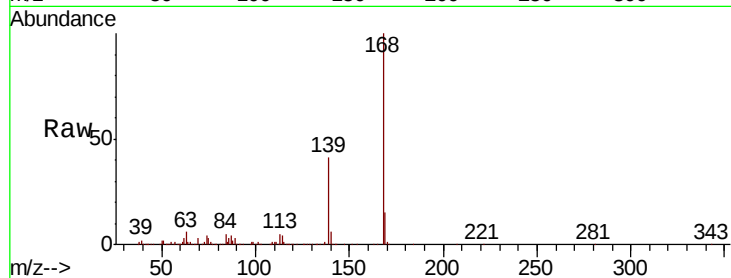




#55  
Dibenzenofuran  
Concen: 40.976 ng  
RT: 15.08 min Scan# 2041  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

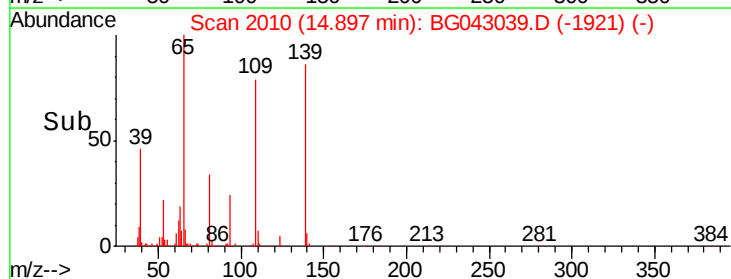
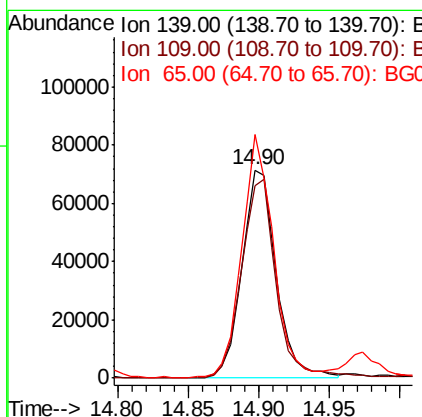
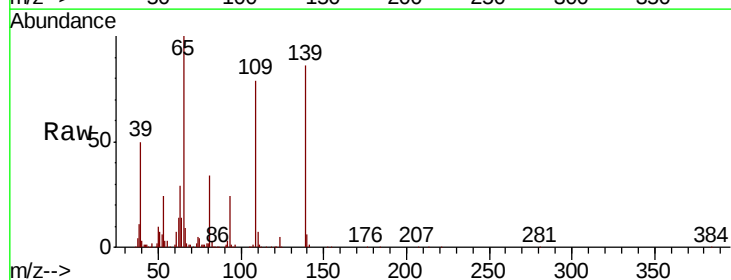
Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

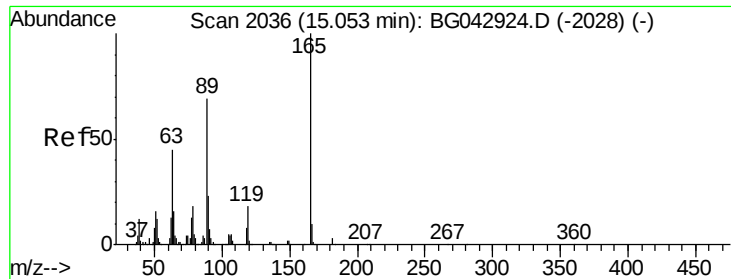
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.3  | 32.6  | 48.8  |
| 169     | 14.5  | 11.2  | 16.8  |



#56  
4-Nitrophenol  
Concen: 47.987 ng  
RT: 14.90 min Scan# 2010  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 92.3  | 79.4  | 119.4 |
| 65      | 116.9 | 92.5  | 132.5 |

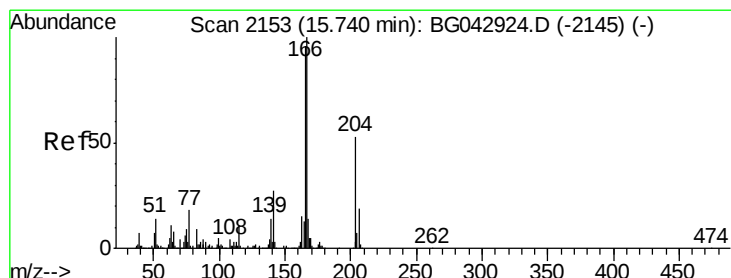
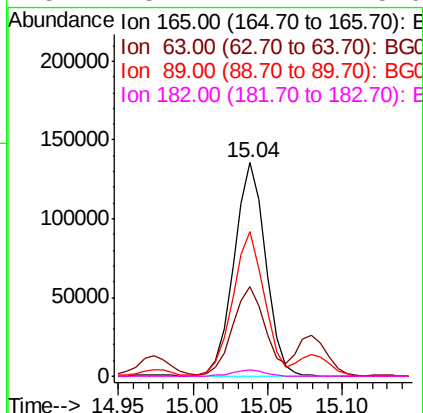
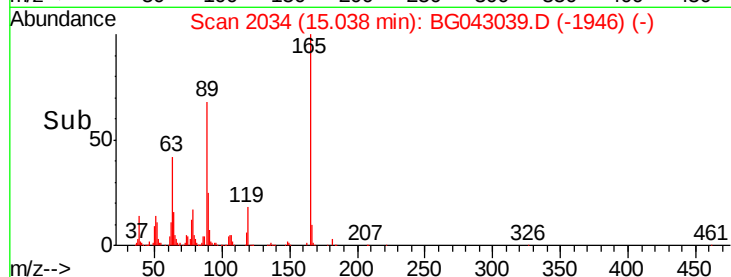
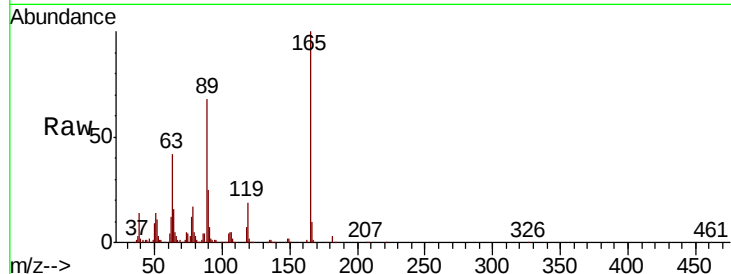




#57  
2,4-Dinitrotoluene  
Concen: 42.449 ng  
RT: 15.04 min Scan# 2034  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

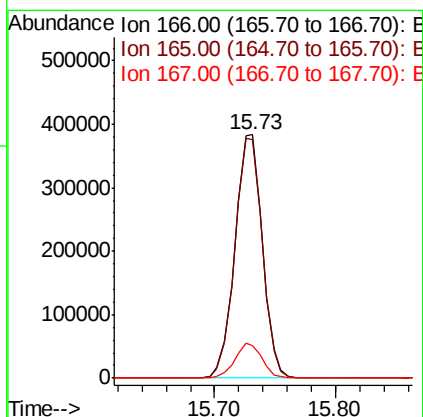
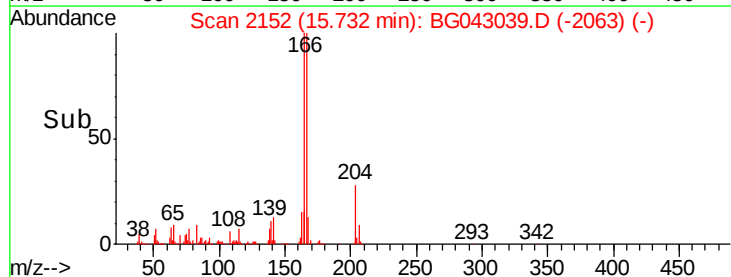
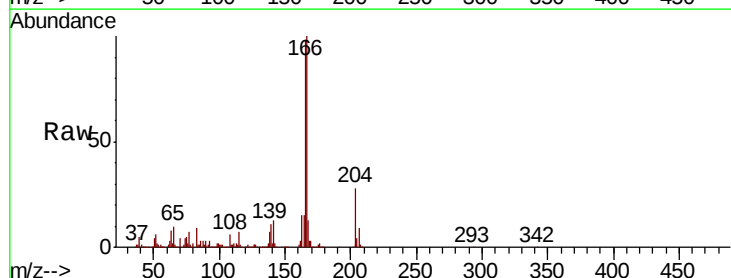
Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

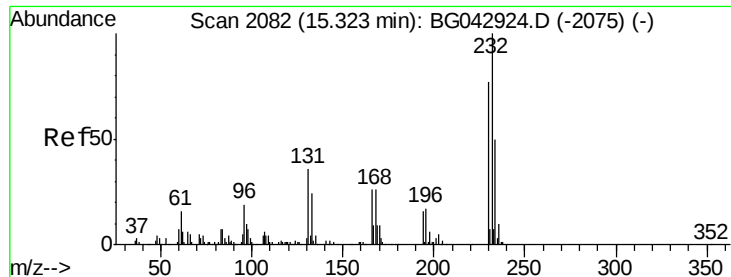
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 41.9  | 36.5  | 54.7  |
| 89      | 68.0  | 55.5  | 83.3  |
| 182     | 3.2   | 2.4   | 3.6   |



#58  
Fluorene  
Concen: 41.008 ng  
RT: 15.73 min Scan# 2152  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.1  | 77.1  | 115.7 |
| 167     | 13.3  | 11.0  | 16.6  |

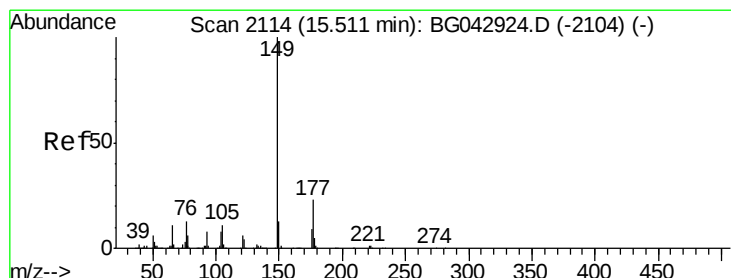
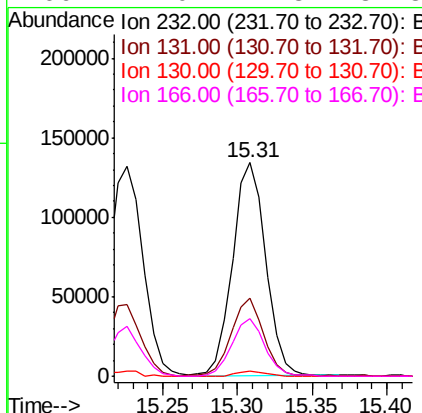
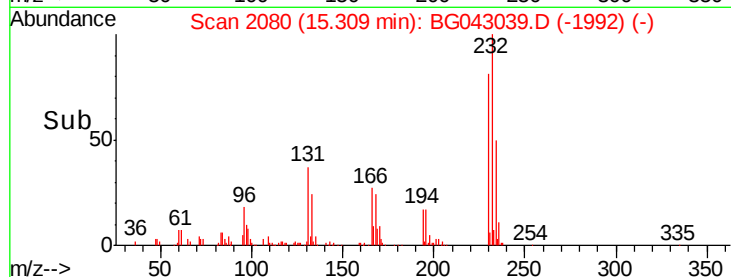
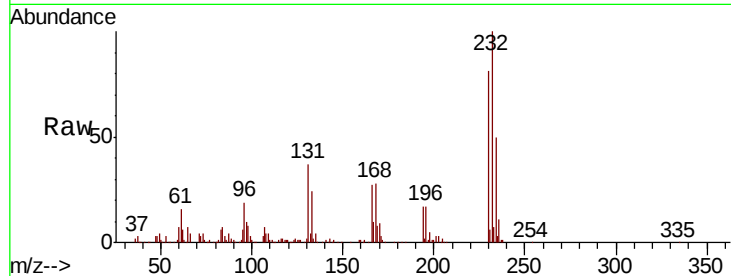




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.638 ng  
RT: 15.31 min Scan# 2080  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

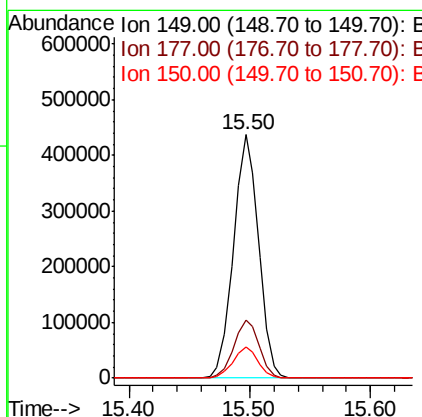
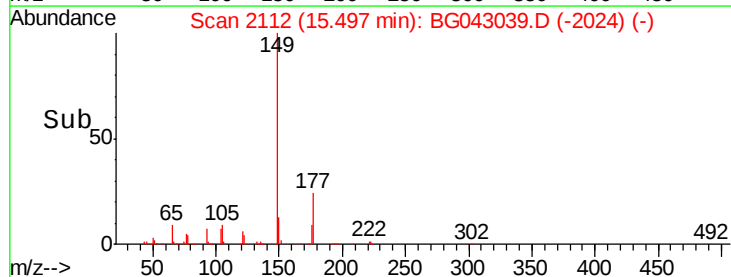
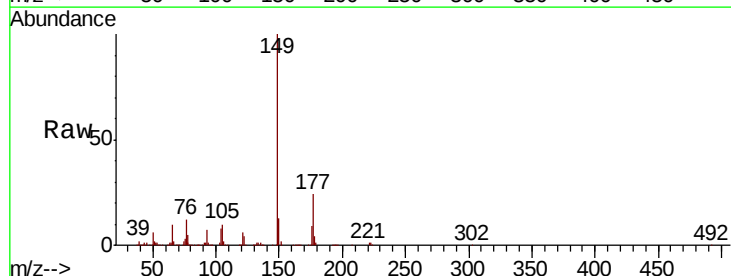
Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

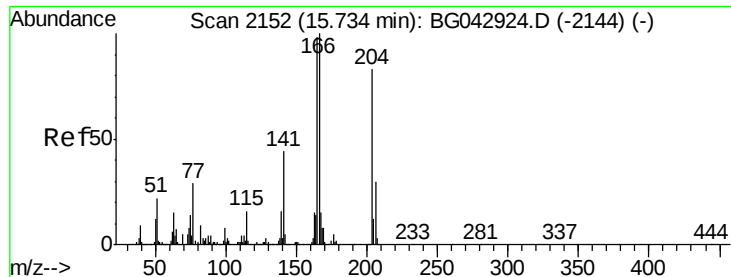
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 207650 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 36.2  | 29.6  | 44.4   |
| 130      | 2.3   | 1.9   | 2.9    |
| 166      | 27.0  | 21.8  | 32.8   |



#60  
Diethylphthalate  
Concen: 40.963 ng  
RT: 15.50 min Scan# 2112  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 630199 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.9  | 18.8  | 28.2   |
| 150      | 12.9  | 10.6  | 15.8   |

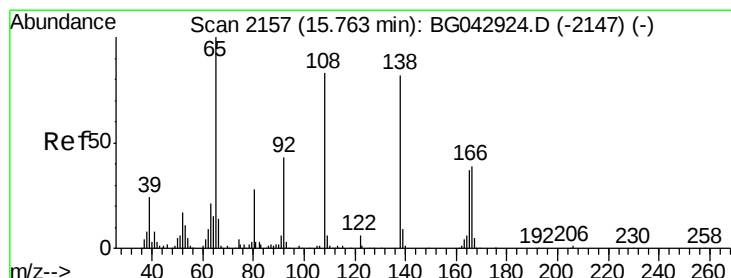
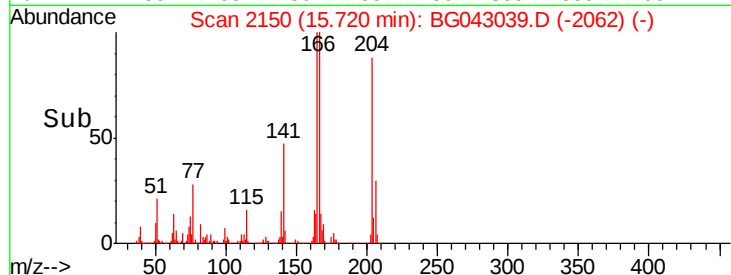
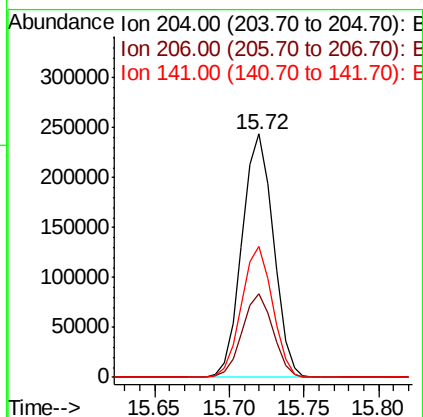
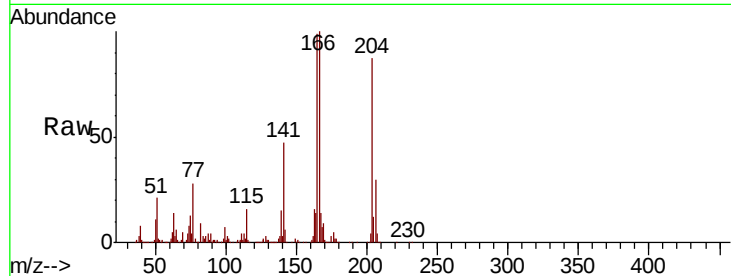




#61  
4-Chlorophenyl-phenylether  
Concen: 39.999 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

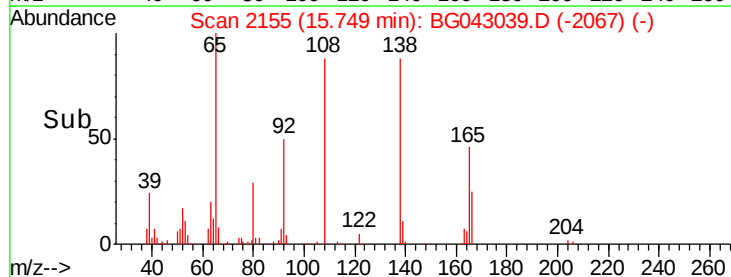
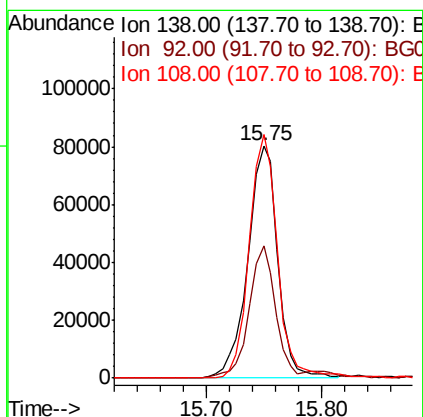
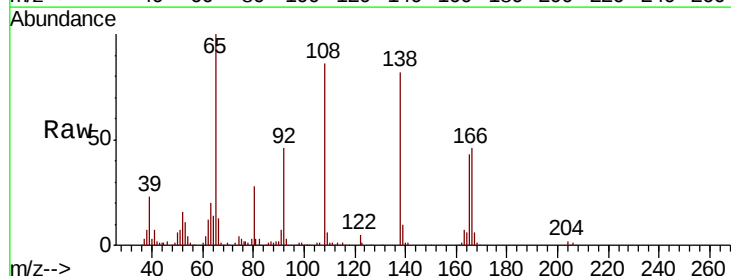
Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

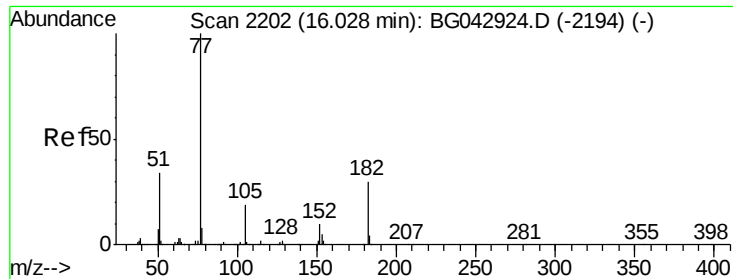
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.2  | 28.5  | 42.7  |
| 141     | 54.0  | 42.4  | 63.6  |



#62  
4-Nitroaniline  
Concen: 39.923 ng  
RT: 15.75 min Scan# 2155  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 56.7  | 32.9  | 72.9  |
| 108     | 104.7 | 81.3  | 121.3 |

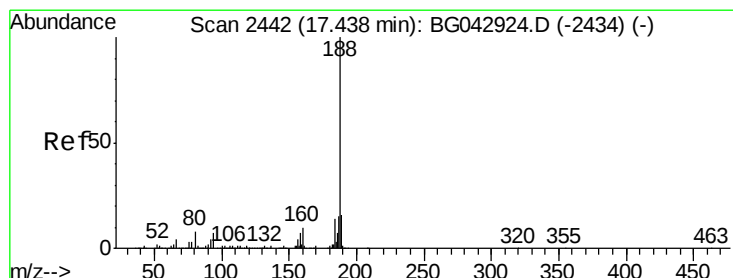
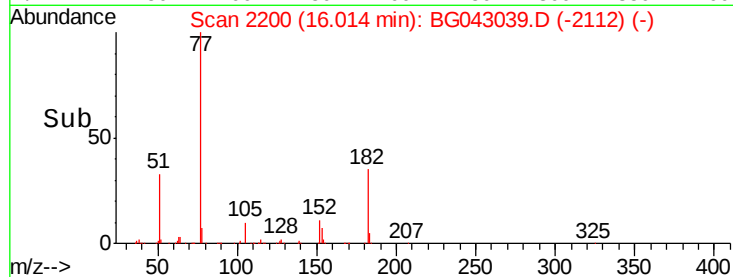
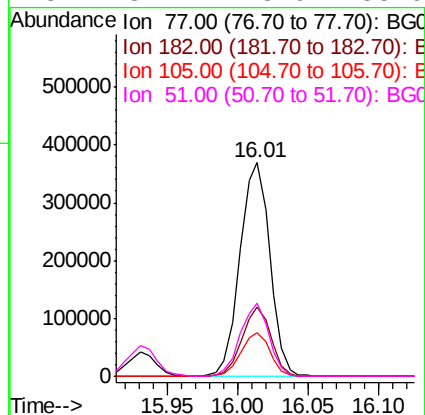
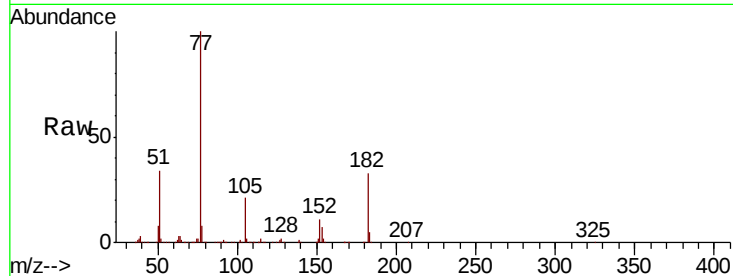




#63  
Azobenzene  
Concen: 38.988 ng  
RT: 16.01 min Scan# 2200  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

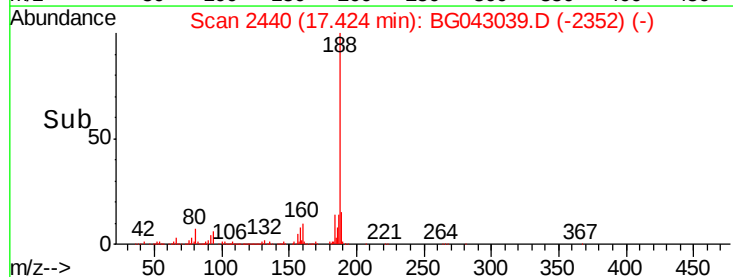
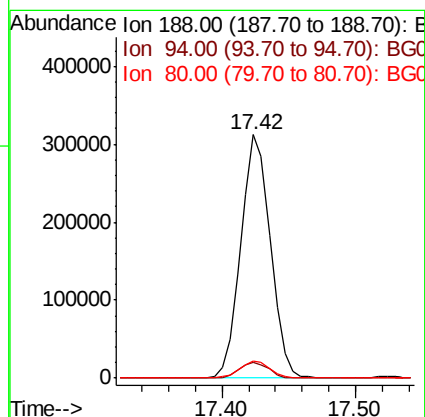
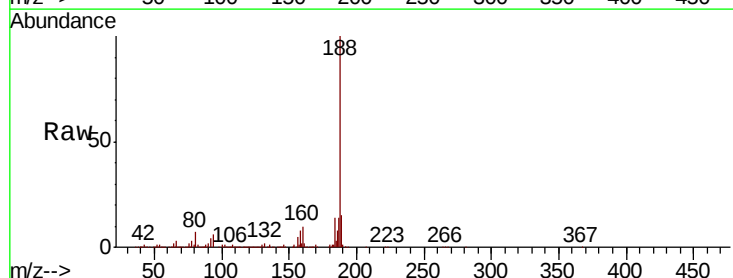
Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

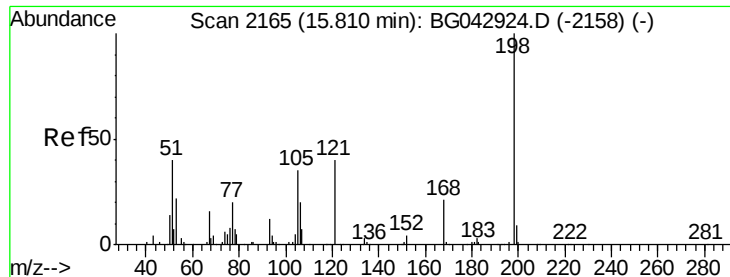
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 546080 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 32.6  | 10.2  | 50.2   |
| 105      | 20.6  | 0.0   | 39.1   |
| 51       | 34.2  | 13.9  | 53.9   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2440  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 477127 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 6.3   | 5.7   | 8.5    |
| 80       | 7.2   | 6.5   | 9.7    |

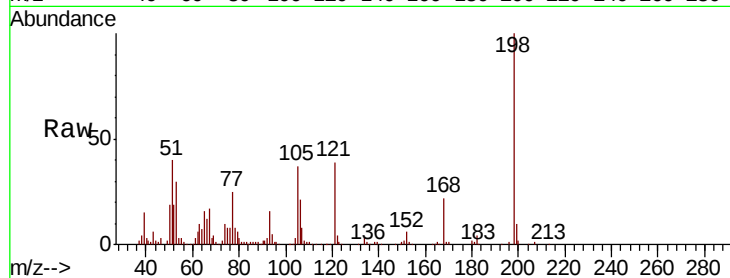




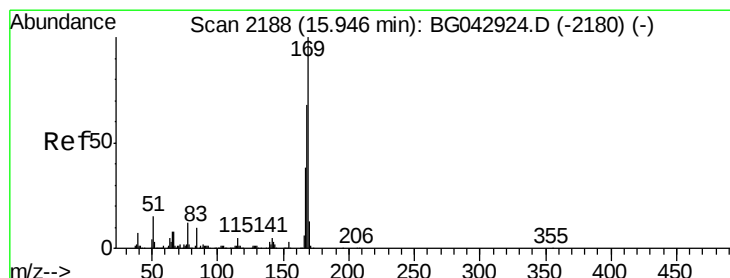
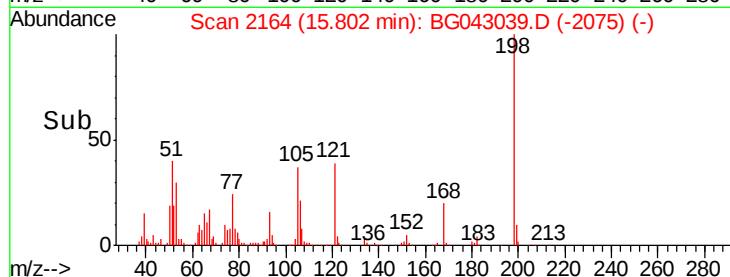
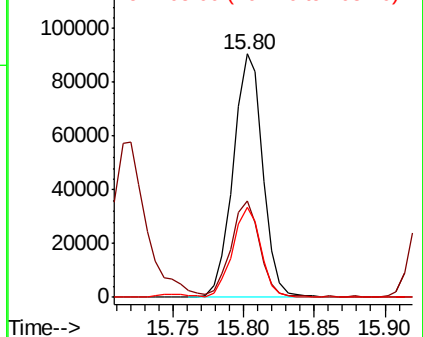
#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.970 ng  
RT: 15.80 min Scan# 2164  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

Tot Ion:198 Resp: 132213  
Ion Ratio Lower Upper  
198 100  
51 39.7 25.3 65.3  
105 37.1 16.6 56.6

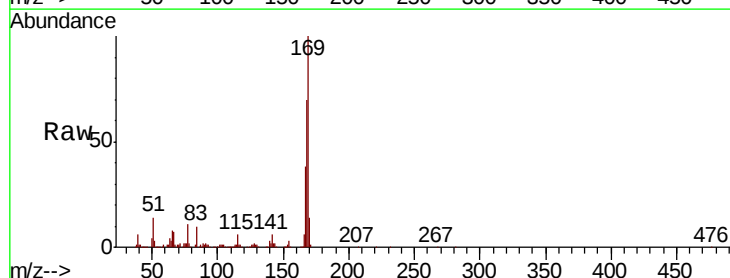


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E

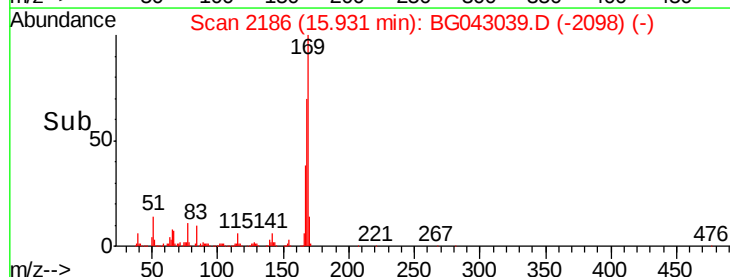
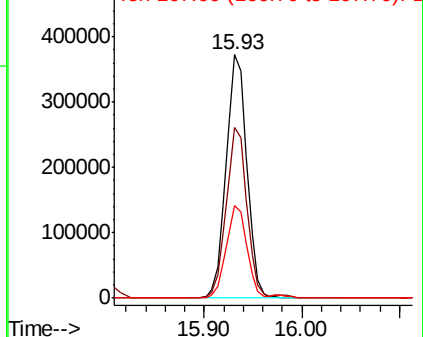


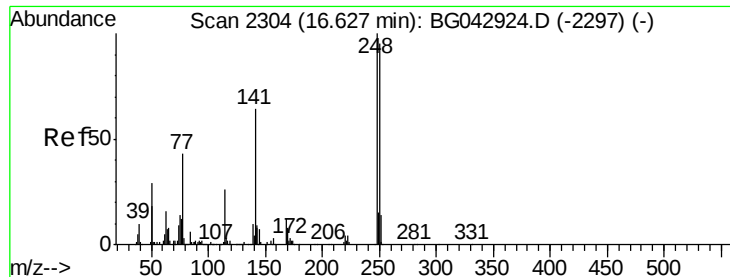
#66  
n-Nitrosodiphenylamine  
Concen: 43.741 ng  
RT: 15.93 min Scan# 2186  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Tgt Ion:169 Resp: 550936  
Ion Ratio Lower Upper  
169 100  
168 70.2 54.8 82.2  
167 38.0 30.6 46.0



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

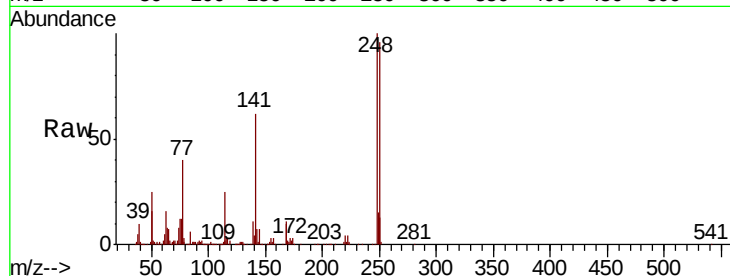




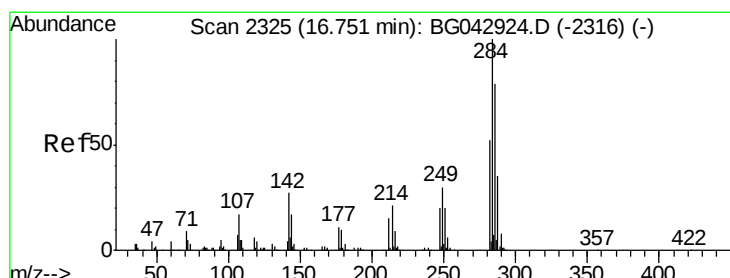
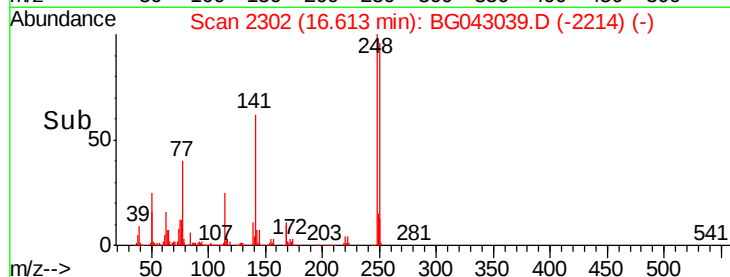
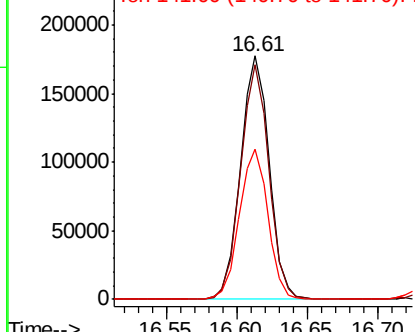
#67  
4-Bromophenyl-phenylether  
Concen: 41.994 ng  
RT: 16.61 min Scan# 2302  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

Tot Ion:248 Resp: 251479  
Ion Ratio Lower Upper  
248 100  
250 96.4 75.8 113.8  
141 61.6 51.1 76.7

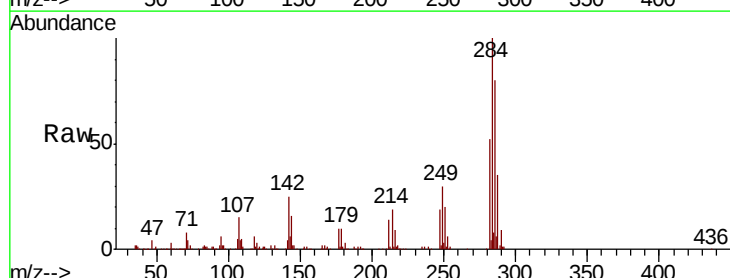


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

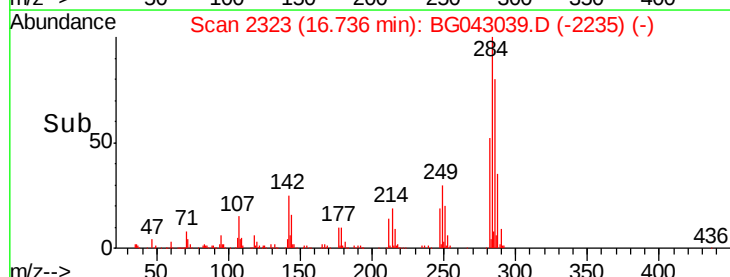
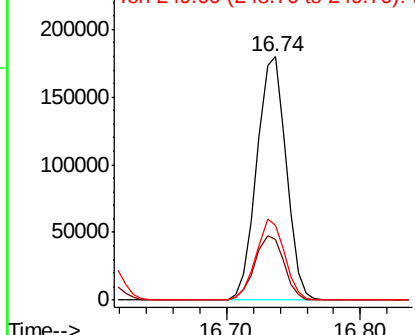


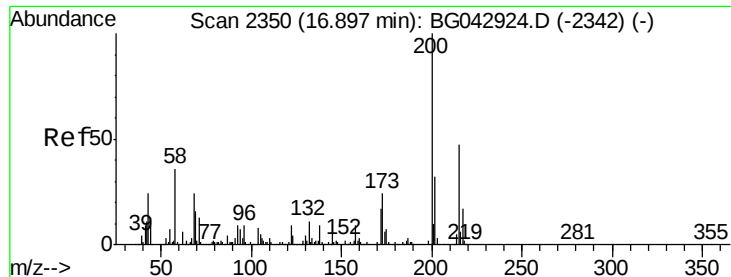
#68  
Hexachlorobenzene  
Concen: 40.970 ng  
RT: 16.74 min Scan# 2323  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Tgt Ion:284 Resp: 273175  
Ion Ratio Lower Upper  
284 100  
142 24.7 21.6 32.4  
249 30.5 24.1 36.1



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

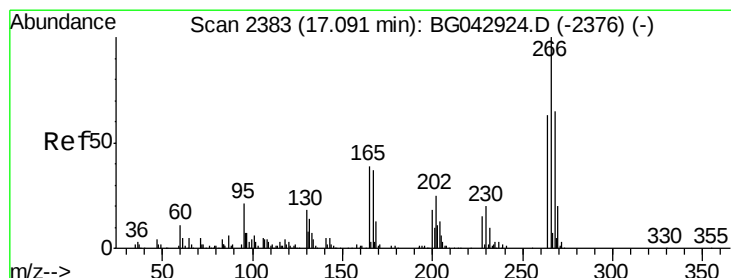
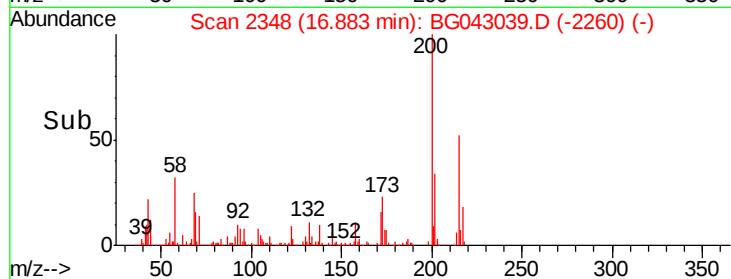
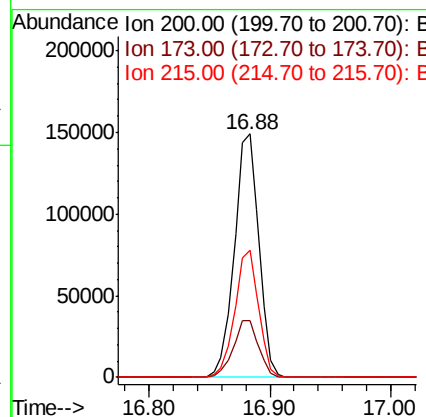
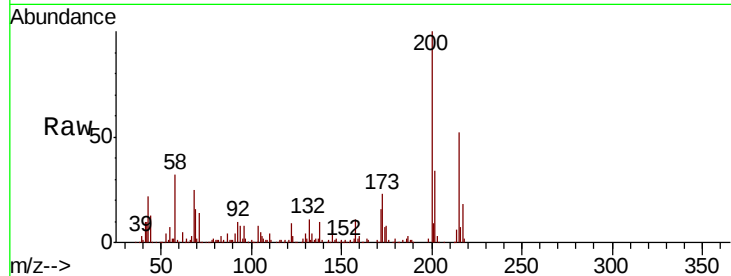




#69  
Atrazine  
Concen: 39.629 ng  
RT: 16.88 min Scan# 2348  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

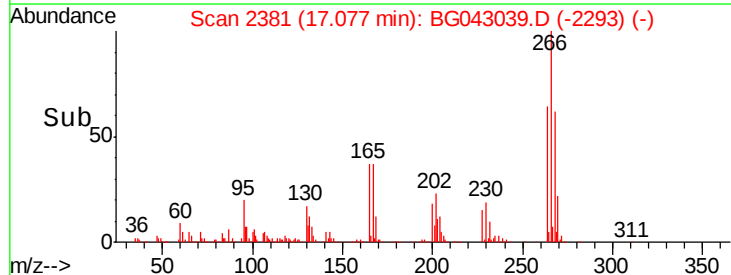
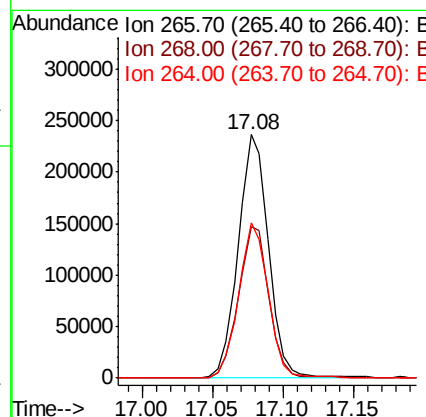
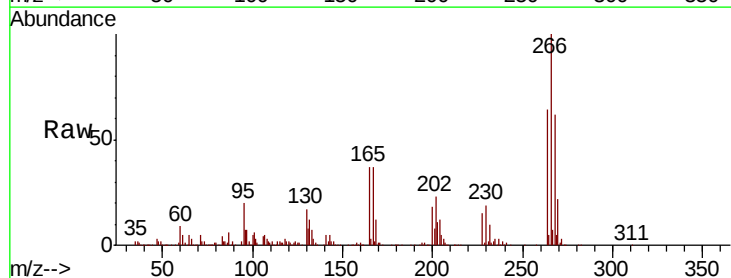
Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

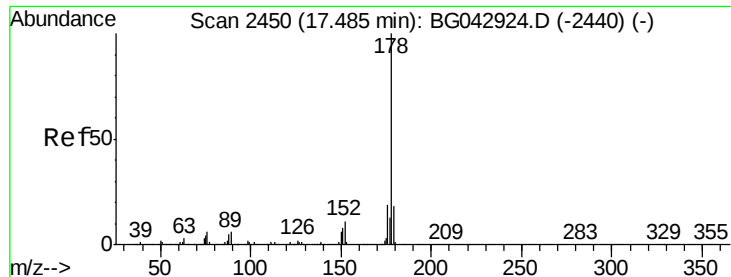
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.4  | 4.0   | 44.0  |
| 215     | 52.1  | 27.4  | 67.4  |



#70  
Pentachlorophenol  
Concen: 91.836 ng  
RT: 17.08 min Scan# 2381  
Delta R.T. -0.01 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.4  | 52.2  | 78.2  |
| 264     | 63.9  | 50.7  | 76.1  |





#71

Phenanthrene

Concen: 41.567 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

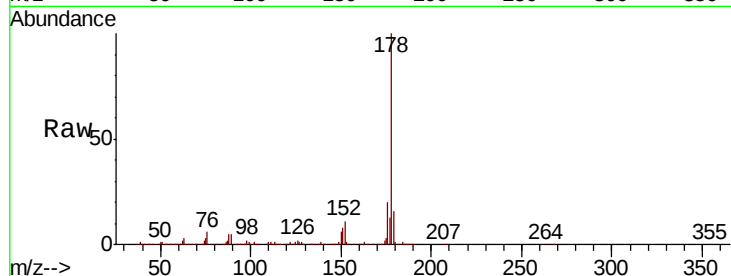
Tot Ion:178 Resp: 968242

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

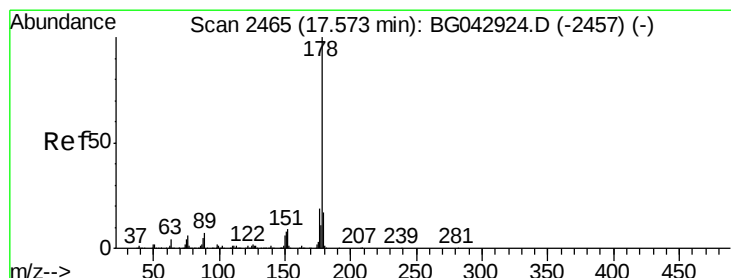
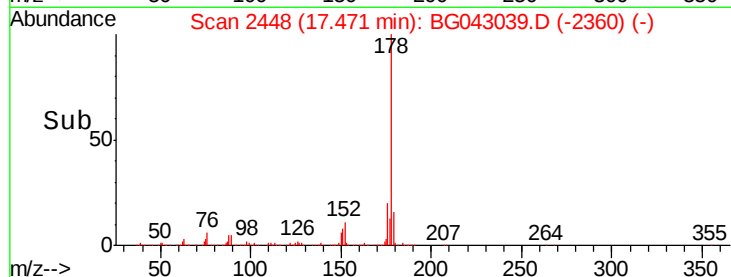
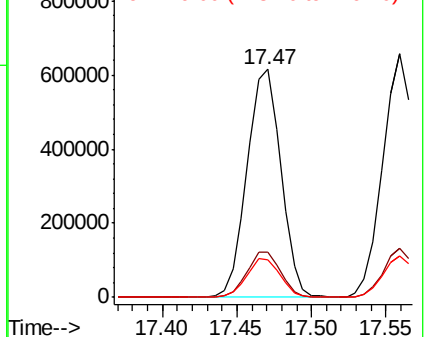
179 16.4 14.1 21.1



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: 42.544 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

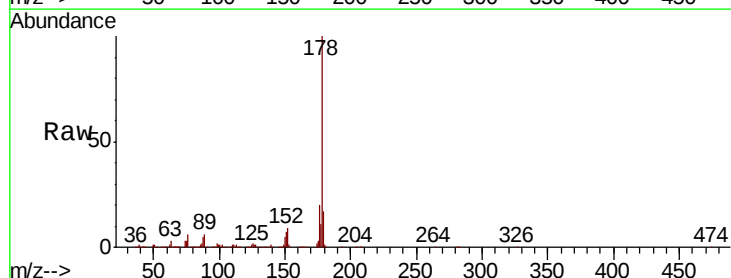
Tgt Ion:178 Resp: 989329

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

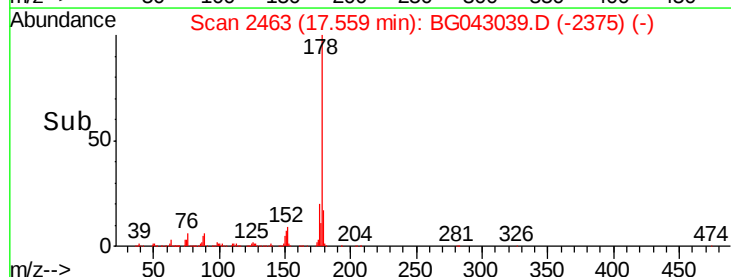
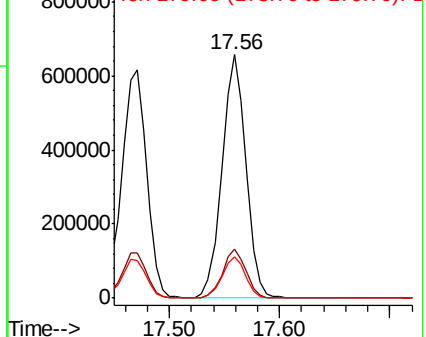
179 17.1 13.5 20.3

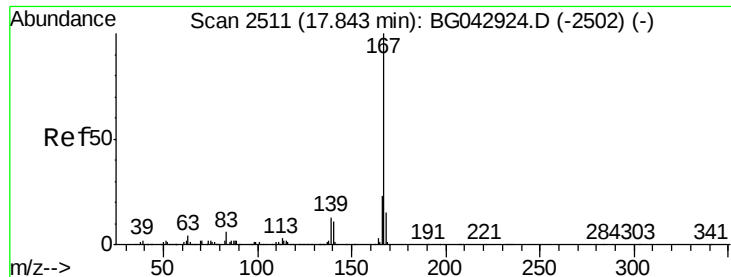


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

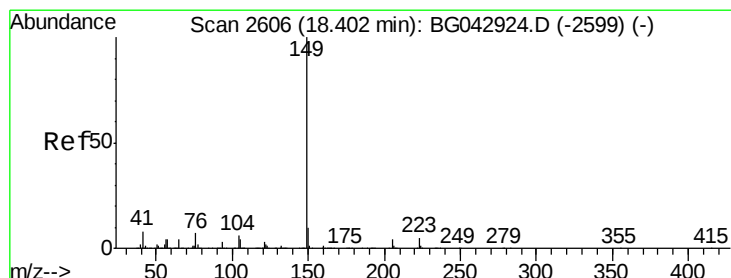
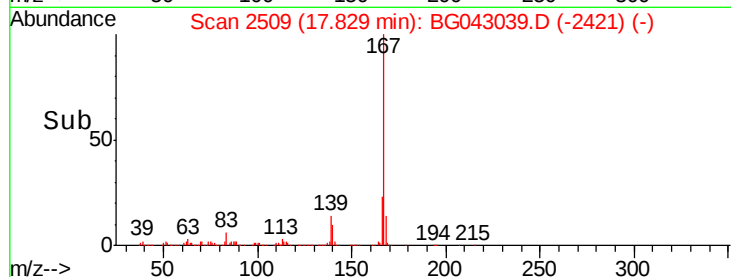
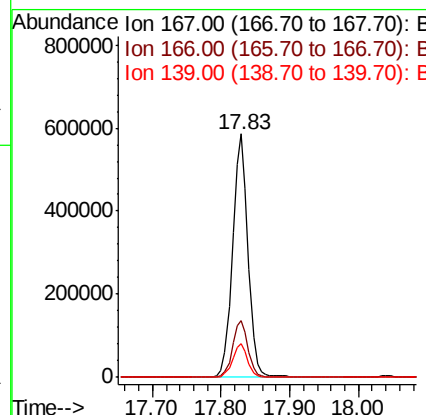
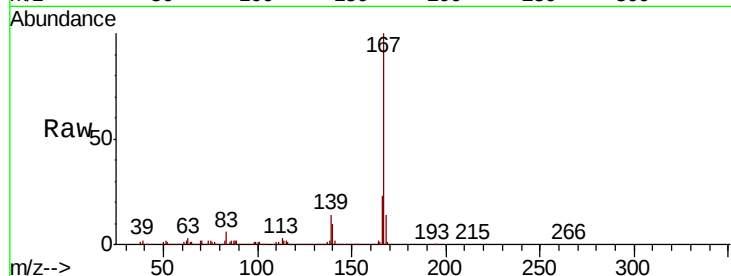




#73  
 Carbazole  
 Concen: 42.336 ng  
 RT: 17.83 min Scan# 2509  
 Delta R.T. -0.01 min  
 Lab File: BG043039.D  
 Acq: 4 Oct 2019 22:06

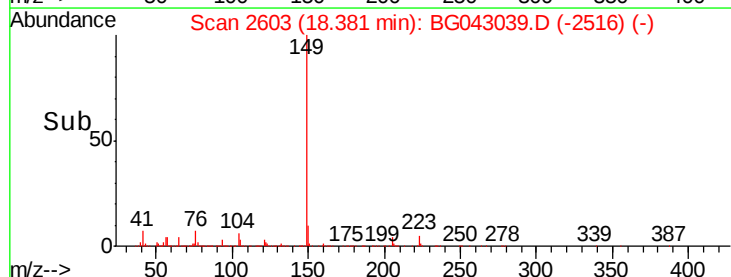
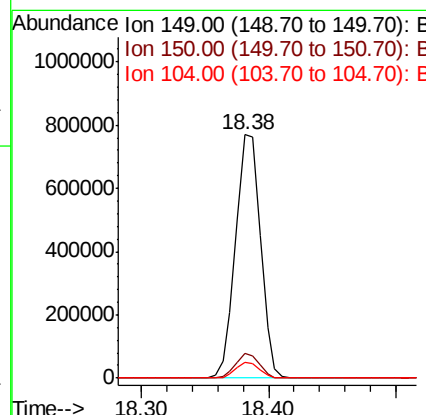
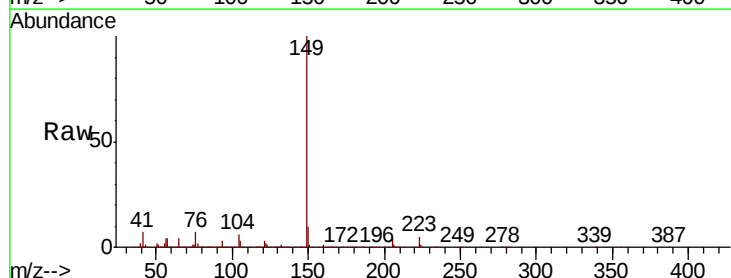
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-103-IMS

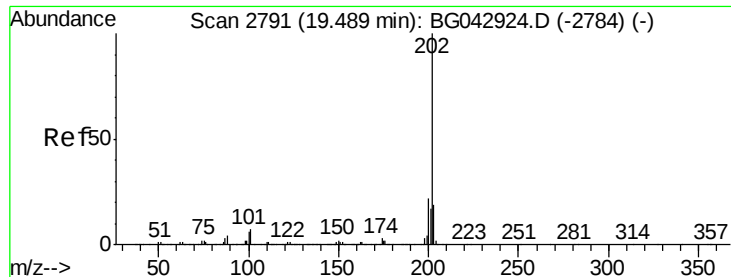
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.1  | 18.6  | 28.0  |
| 139     | 13.8  | 10.8  | 16.2  |



#74  
 Di-n-butylphthalate  
 Concen: 40.504 ng  
 RT: 18.38 min Scan# 2603  
 Delta R.T. -0.02 min  
 Lab File: BG043039.D  
 Acq: 4 Oct 2019 22:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.0  | 7.7   | 11.5  |
| 104     | 6.4   | 5.0   | 7.6   |





#75

Fluoranthene

Concen: 40.547 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampled :

MW-103-IMS

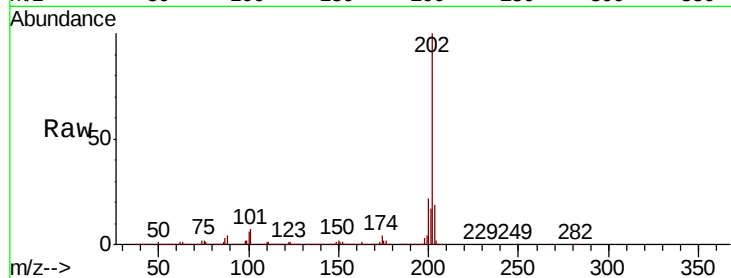
Tot Ion:202 Resp: 1249236

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.3

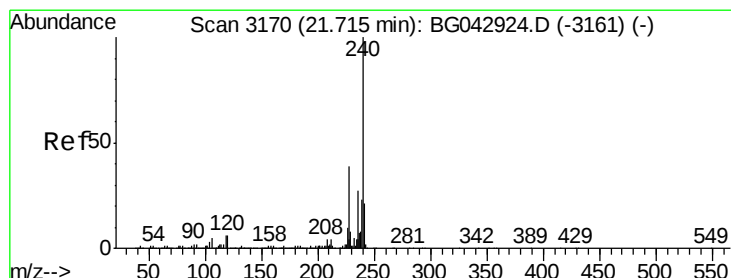
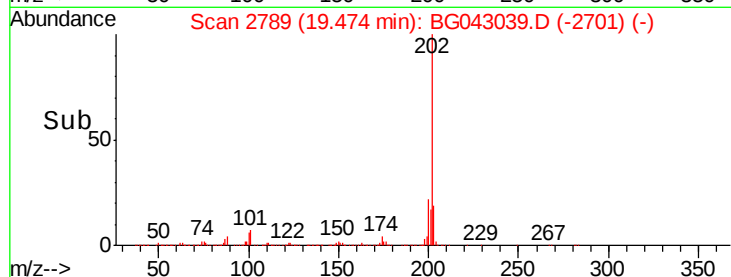
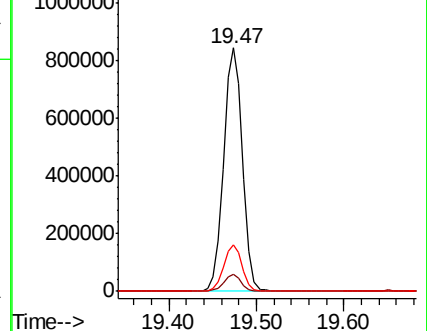
203 19.0 0.0 39.5



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: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

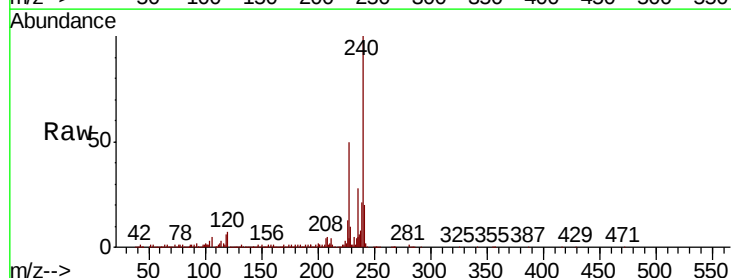
Tgt Ion:240 Resp: 519647

Ion Ratio Lower Upper

240 100

120 6.6 4.8 7.2

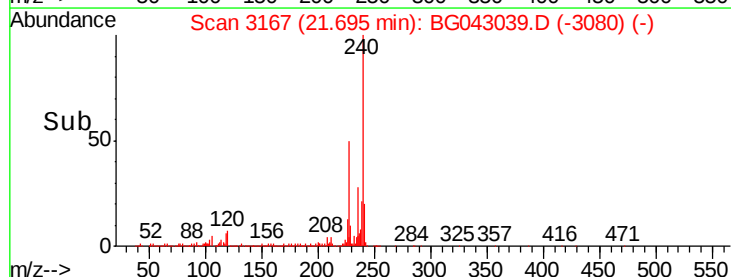
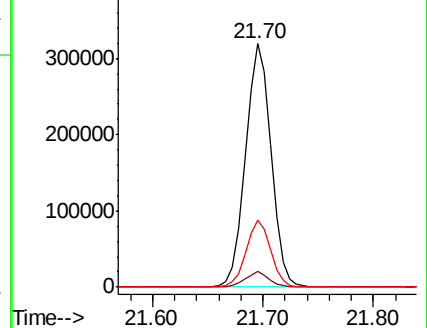
236 27.7 21.4 32.0

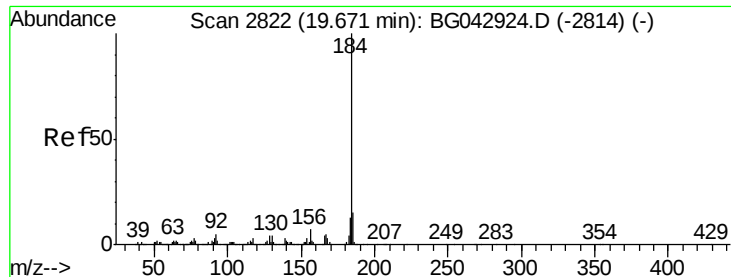


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.207 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

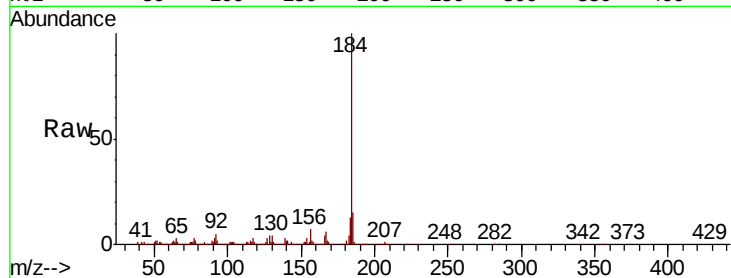
BNA\_G

ClientSampleId :

MW-103-IMS

Tot Ion:184 Resp: 731329

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.8  | 11.8  | 17.8  |
| 183 | 13.1  | 10.1  | 15.1  |

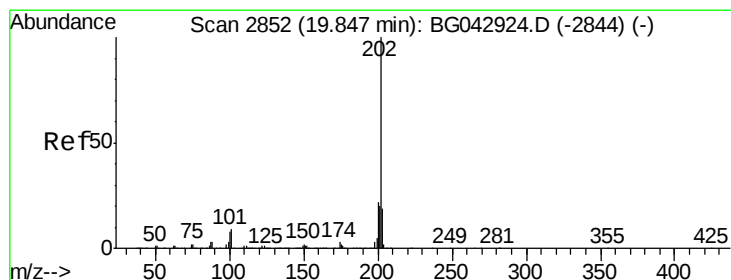
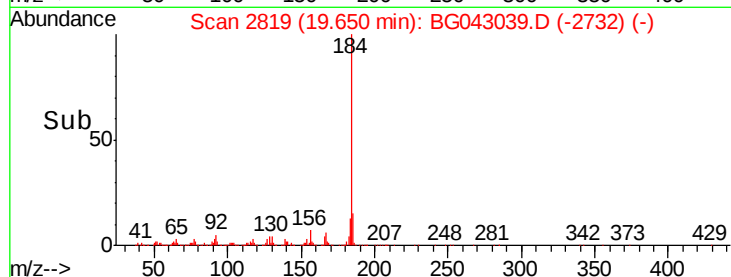
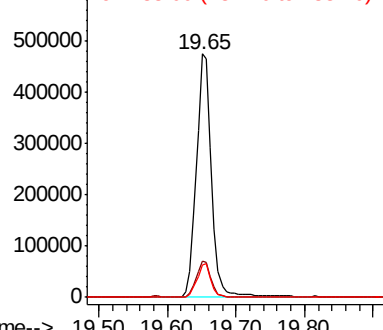


Abundance

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: 40.784 ng

RT: 19.84 min Scan# 2851

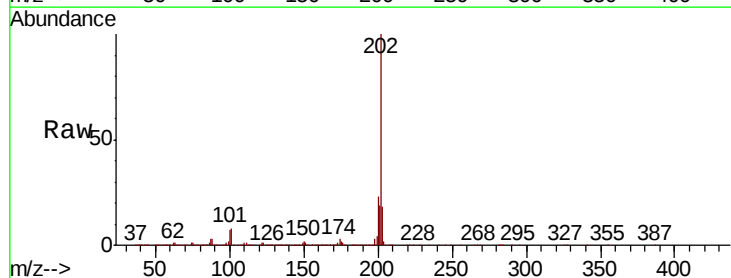
Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:202 Resp: 1264932

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.7  | 17.6  | 26.4  |
| 203 | 18.4  | 15.2  | 22.8  |

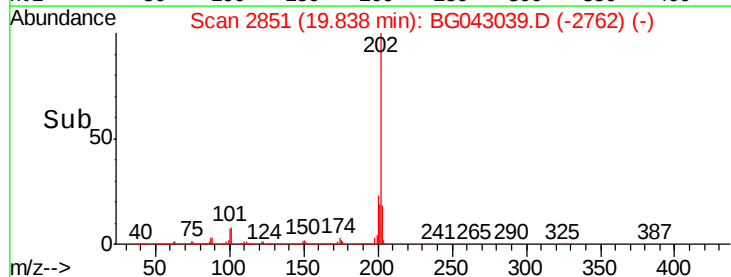
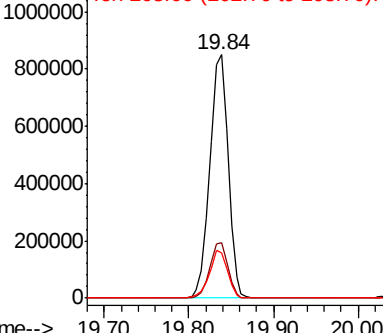


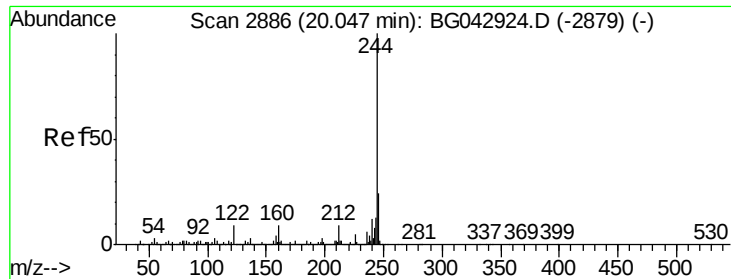
Abundance

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: 81.723 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

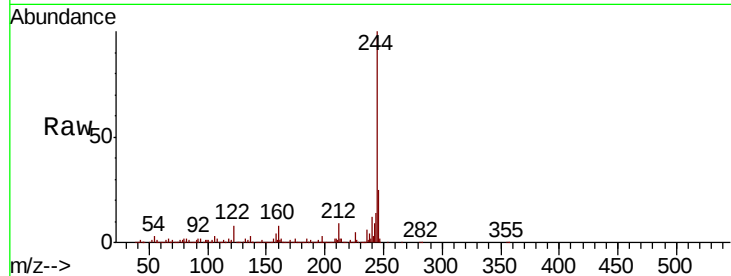
Tot Ion:244 Resp: 1992939

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.0

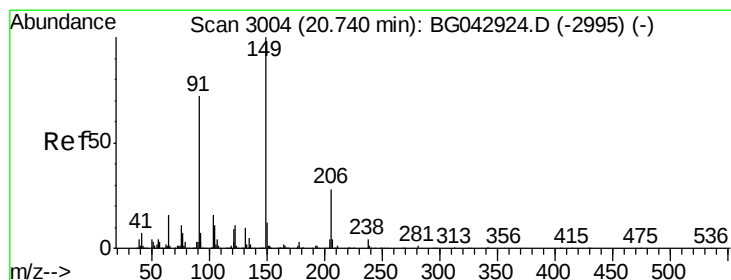
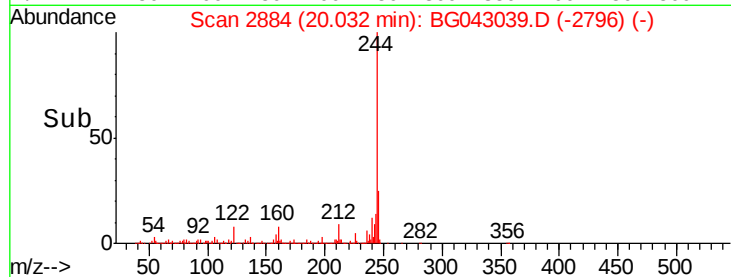
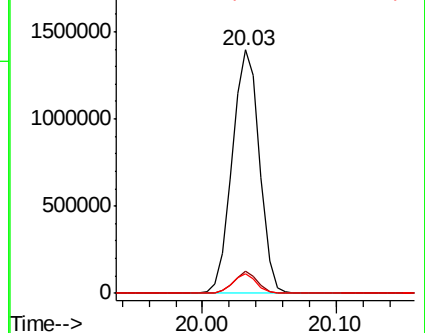
122 8.3 7.0 10.4



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: 41.782 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

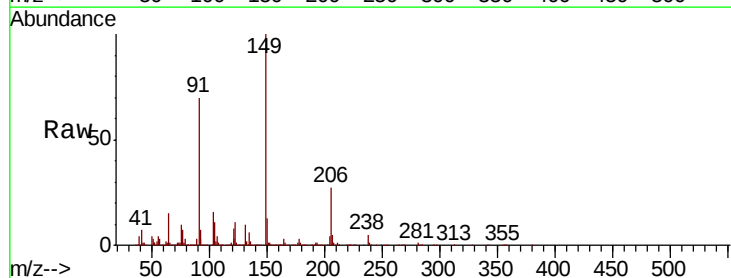
Tgt Ion:149 Resp: 491892

Ion Ratio Lower Upper

149 100

91 69.7 57.7 86.5

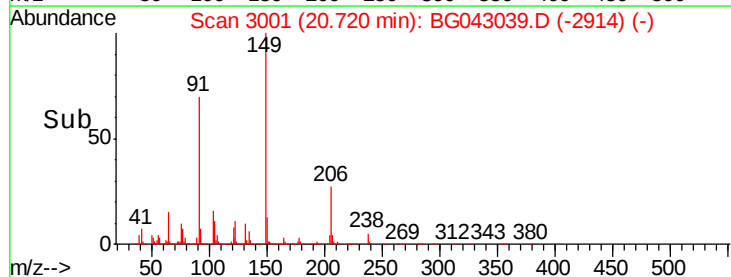
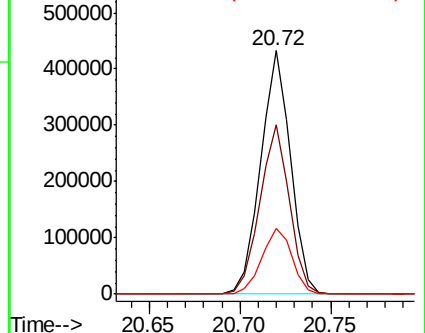
206 27.1 22.6 33.8

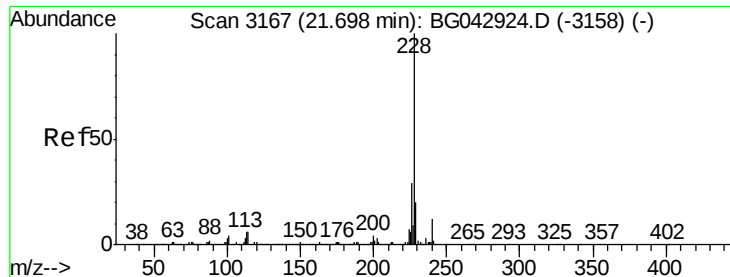


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

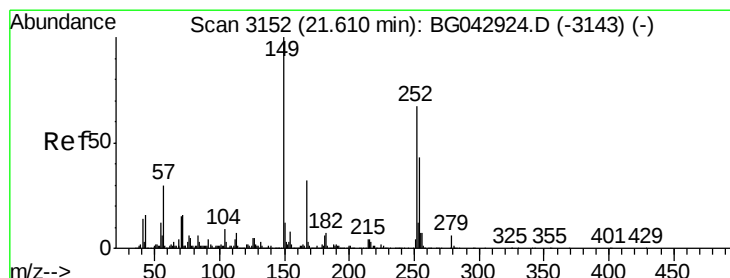
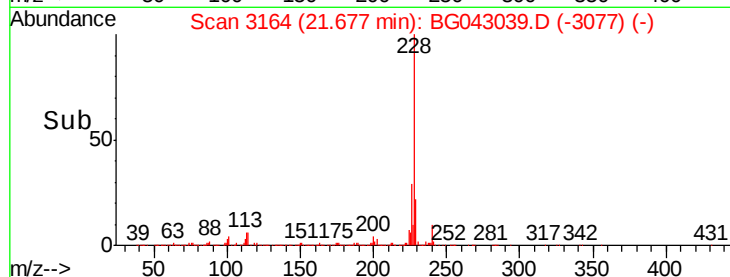
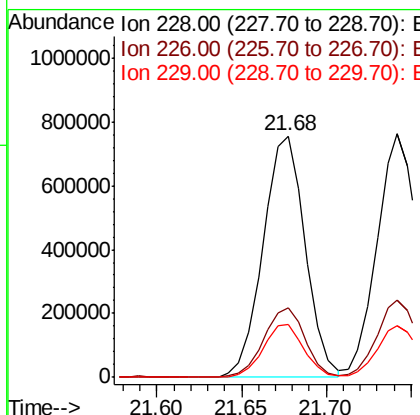
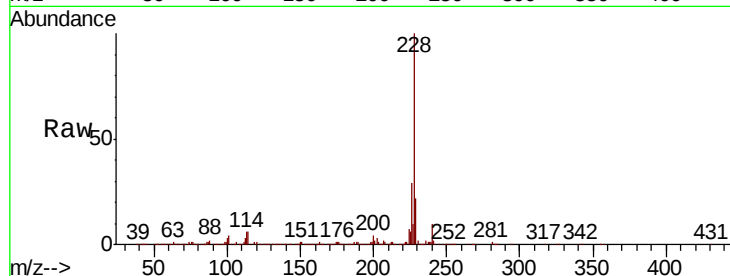




#81  
Benzo(a)anthracene  
Concen: 40.375 ng  
RT: 21.68 min Scan# 3164  
Delta R.T. -0.02 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

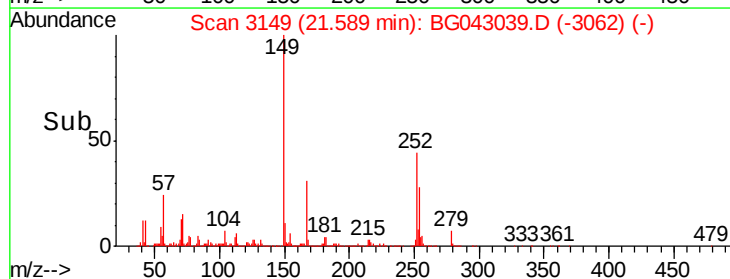
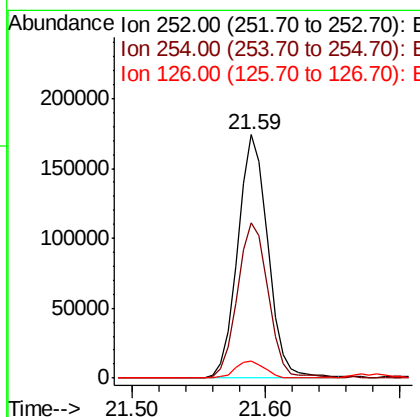
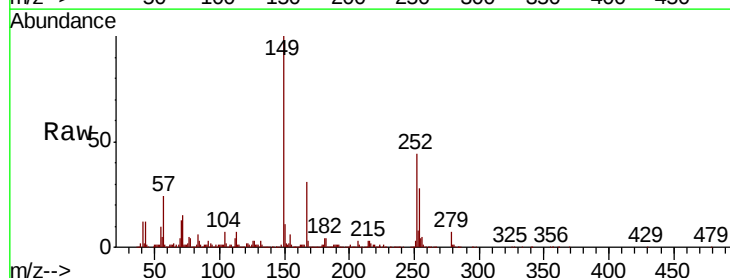
Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

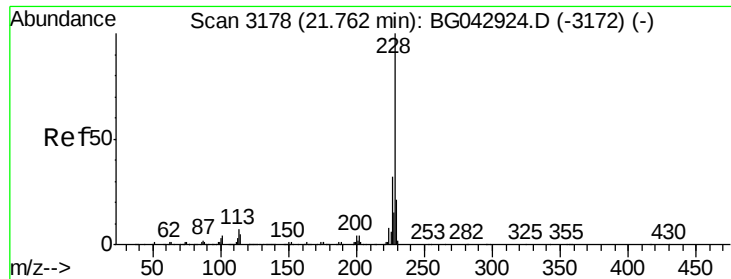
Tot Ion:228 Resp: 1307295  
Ion Ratio Lower Upper  
228 100  
226 29.0 23.0 34.4  
229 22.1 16.3 24.5



#82  
3,3'-Dichlorobenzidine  
Concen: 21.433 ng  
RT: 21.59 min Scan# 3149  
Delta R.T. -0.02 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Tgt Ion:252 Resp: 272191  
Ion Ratio Lower Upper  
252 100  
254 63.7 51.9 77.9  
126 7.2 6.1 9.1





#83

Chrysene

Concen: 40.760 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

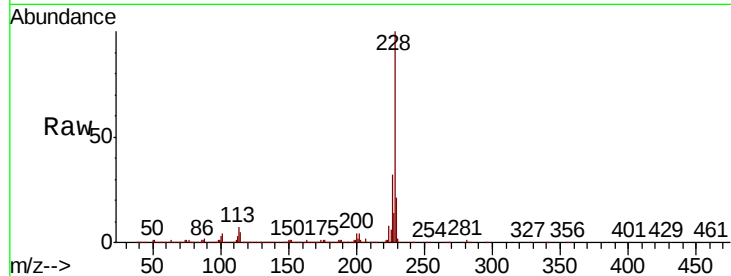
Tot Ion:228 Resp: 1280715

Ion Ratio Lower Upper

228 100

226 31.5 25.6 38.4

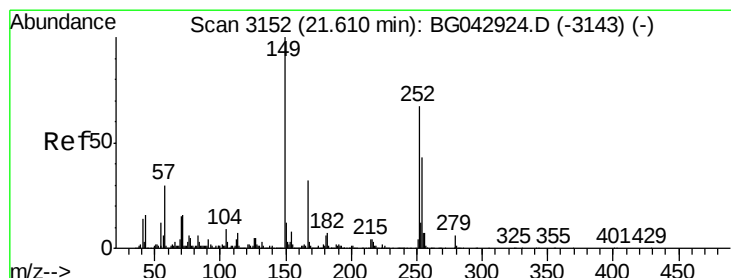
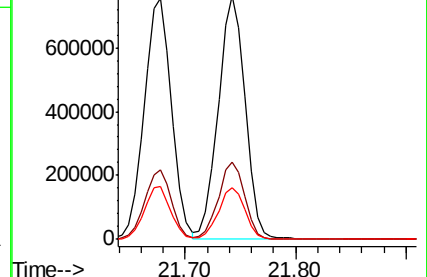
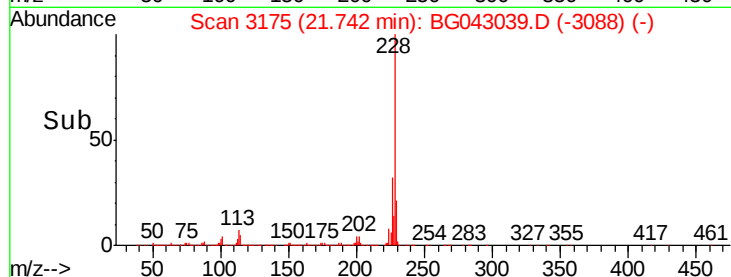
229 21.1 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.063 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.03 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

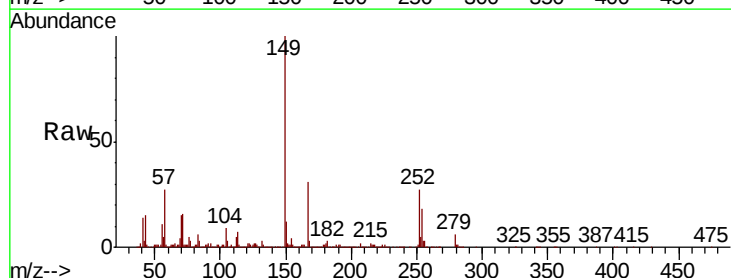
Tgt Ion:149 Resp: 704642

Ion Ratio Lower Upper

149 100

167 30.9 25.4 38.2

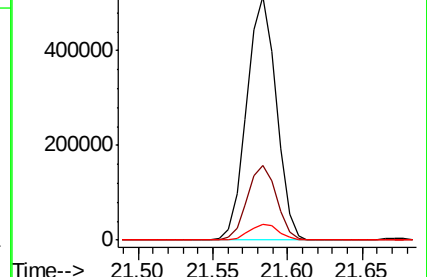
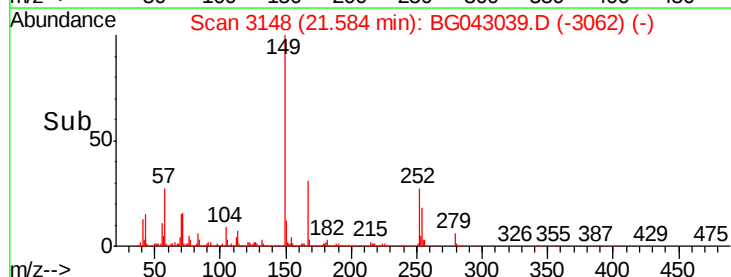
279 6.3 5.1 7.7

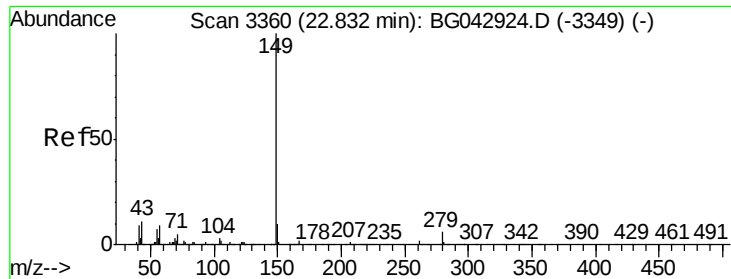


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.883 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.04 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

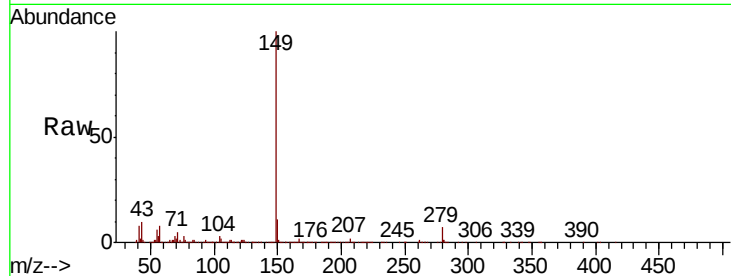
Tot Ion:149 Resp: 1202083

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

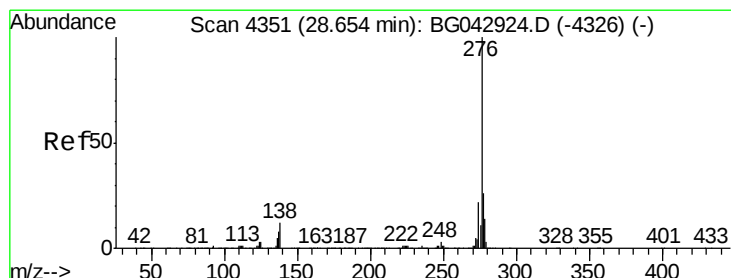
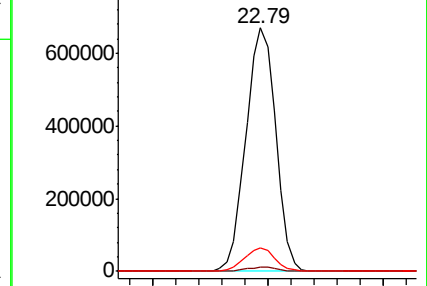
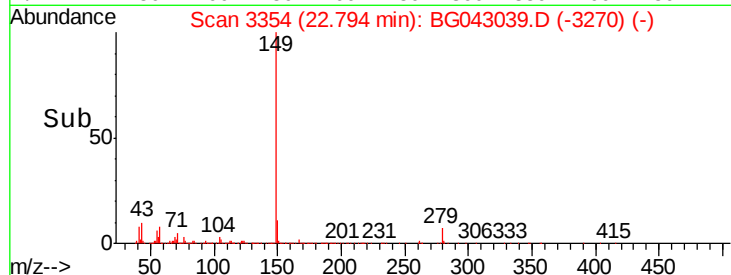
43 9.6 8.7 13.1



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: 43.550 ng

RT: 28.59 min Scan# 4340

Delta R.T. -0.07 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

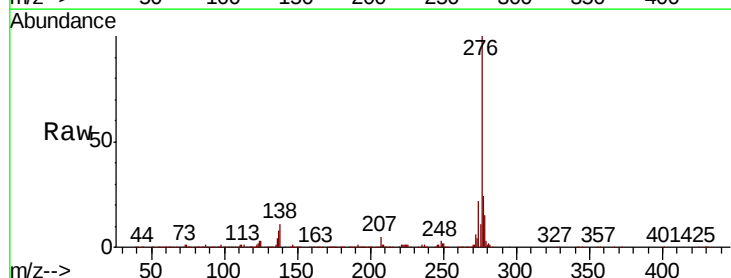
Tgt Ion:276 Resp: 1703538

Ion Ratio Lower Upper

276 100

138 9.9 7.0 10.6

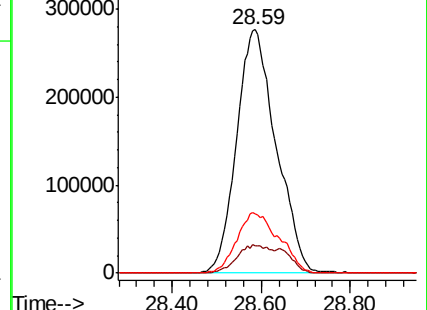
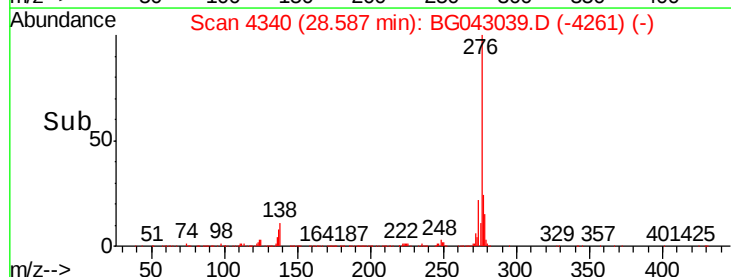
277 26.4 20.9 31.3

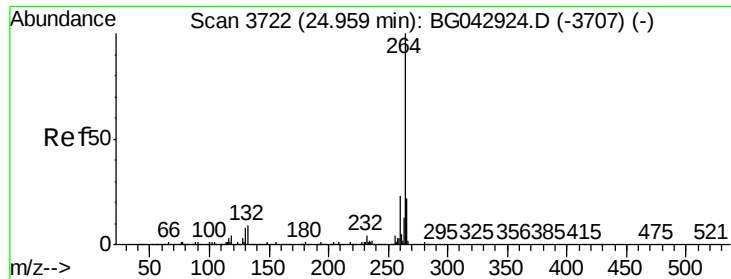


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.91 min Scan# 3715

Delta R.T. -0.04 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

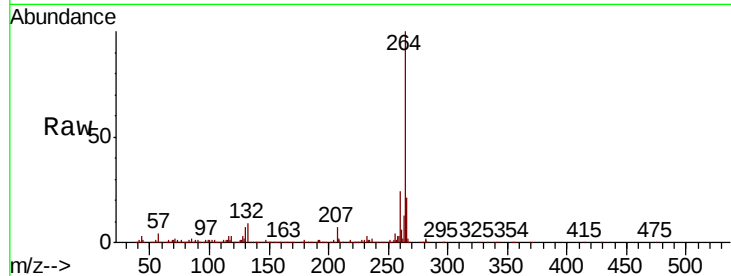
Tot Ion:264 Resp: 616008

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

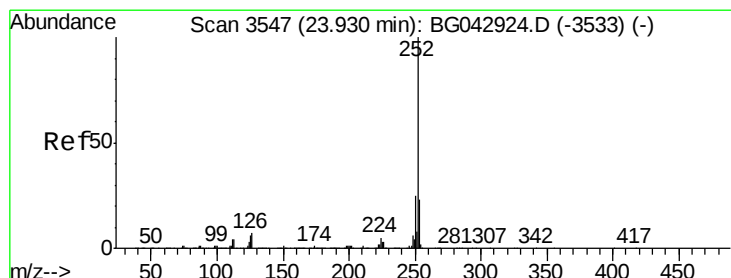
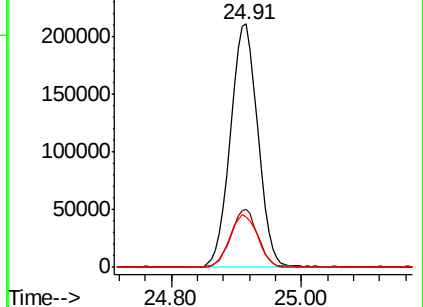
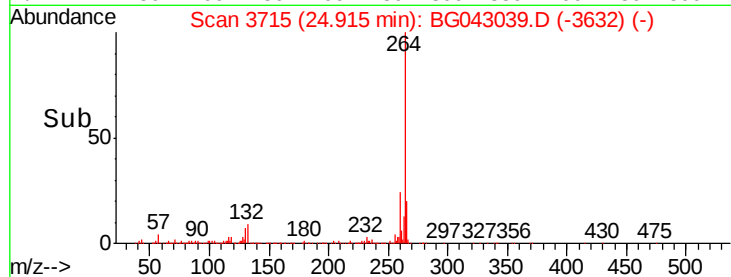
265 20.5 17.7 26.5



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: 40.851 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.04 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

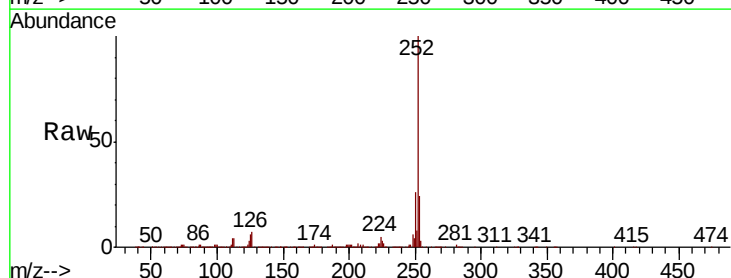
Tgt Ion:252 Resp: 1423866

Ion Ratio Lower Upper

252 100

253 23.9 18.2 27.2

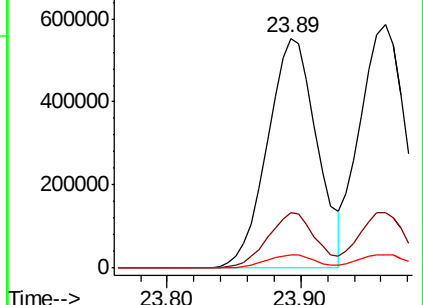
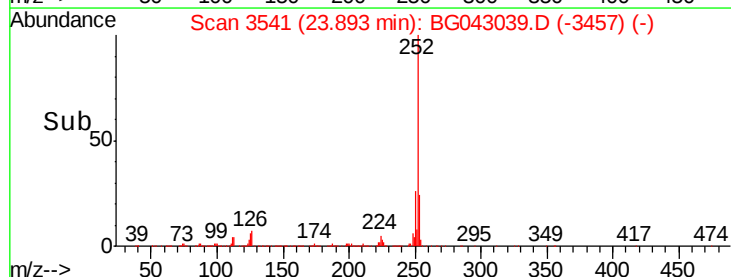
125 5.9 4.6 7.0

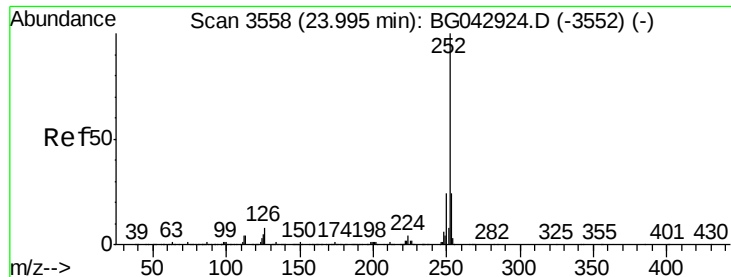


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.388 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA\_G

ClientSampleId :

MW-103-IMS

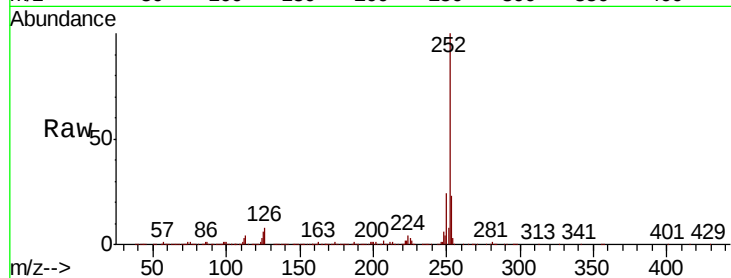
Tot Ion:252 Resp: 1392652

Ion Ratio Lower Upper

252 100

253 23.0 18.9 28.3

125 5.5 4.5 6.7

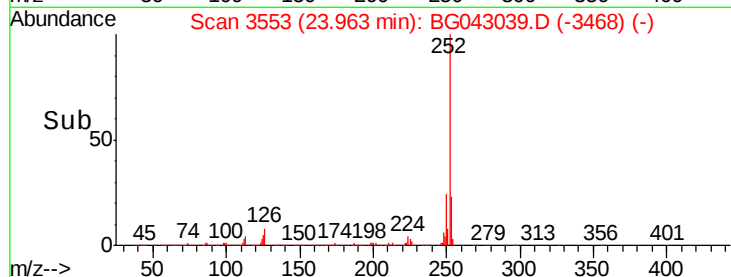


Abundance Ion 252.00 (251.70 to 252.70): E

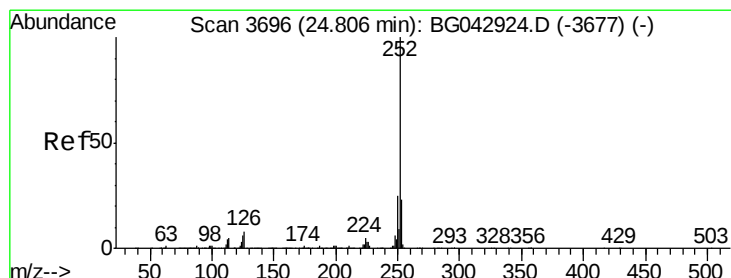
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.96



Time-->



#90

Benzo(a)pyrene

Concen: 42.522 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.04 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

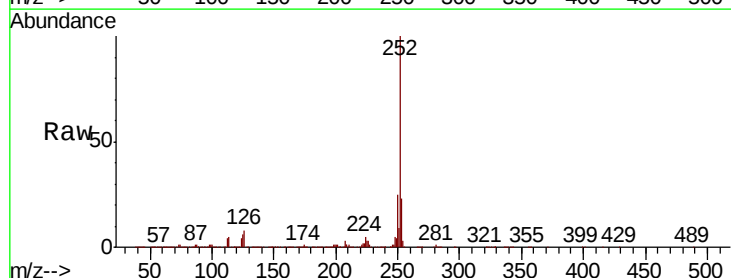
Tgt Ion:252 Resp: 1398308

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.4

125 6.5 5.0 7.6

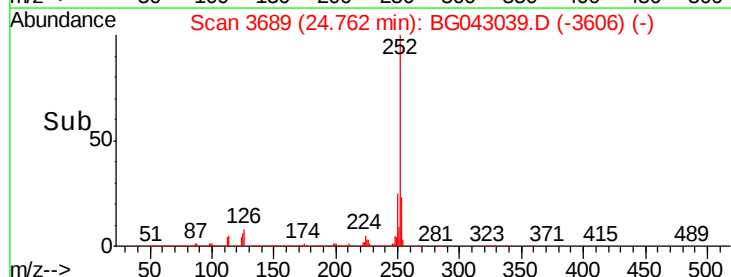


Abundance Ion 252.00 (251.70 to 252.70): E

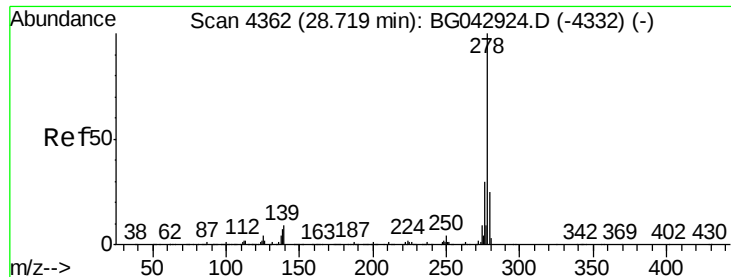
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

24.76



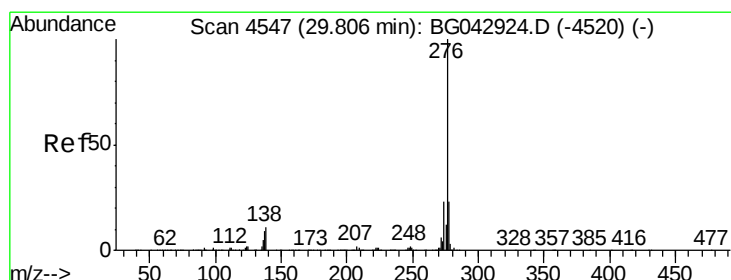
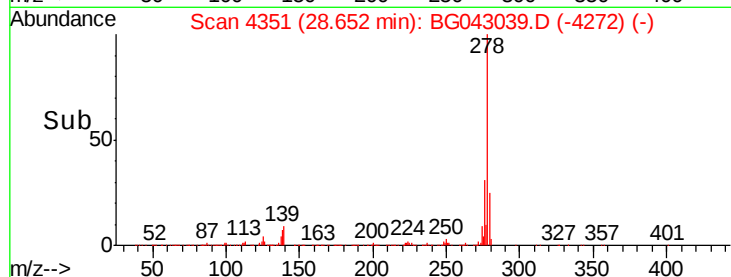
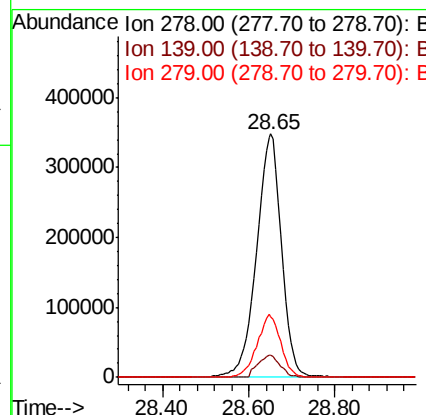
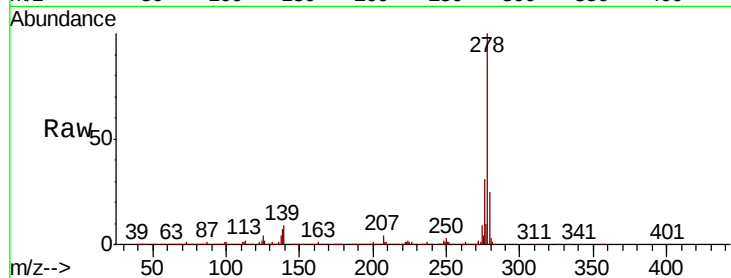
Time-->



#91  
Dibenzo(a,h)anthracene  
Concen: 42.724 ng  
RT: 28.65 min Scan# 4351  
Delta R.T. -0.07 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Instrument :  
BNA\_G  
ClientSampleId :  
MW-103-IMS

Tot Ion:278 Resp: 1440667  
Ion Ratio Lower Upper  
278 100  
139 9.3 6.8 10.2  
279 25.1 20.1 30.1



#92  
Benzo(g,h,i)perylene  
Concen: 43.115 ng  
RT: 29.73 min Scan# 4535  
Delta R.T. -0.07 min  
Lab File: BG043039.D  
Acq: 4 Oct 2019 22:06

Tgt Ion:276 Resp: 1408664  
Ion Ratio Lower Upper  
276 100  
277 24.7 18.4 27.6  
138 11.9 8.6 12.8

