

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\  
 Data File : BG043501.D  
 Acq On : 5 Nov 2019 10:46  
 Operator : JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 06 00:43:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 42425    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.82 | 136  | 172062   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.64 | 164  | 122246   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.39 | 188  | 296379   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.66 | 240  | 318673   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.86 | 264  | 386918   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 196120  | 84.71 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 272750  | 81.88 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.18  | 82  | 261989  | 78.50 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.14 | 330 | 185842  | 79.89 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.27 | 172 | 702077  | 79.36 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.00 | 244 | 1343883 | 79.12 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 35868  | 39.755 | ng | 99     |
| 3) Pyridine                    | 3.88  | 79  | 97930  | 43.029 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.79  | 42  | 46264  | 40.285 | ng | 89     |
| 6) Aniline                     | 7.34  | 93  | 156790 | 40.860 | ng | 98     |
| 8) 2-Chlorophenol              | 7.58  | 128 | 104819 | 41.013 | ng | 99     |
| 9) Benzaldehyde                | 7.15  | 77  | 69977  | 42.747 | ng | 90     |
| 10) Phenol                     | 7.23  | 94  | 125227 | 41.141 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93  | 94140  | 40.002 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 132278 | 41.310 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.05  | 146 | 132229 | 40.815 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.37  | 146 | 127854 | 40.418 | ng | 94     |
| 15) Benzyl Alcohol             | 8.25  | 79  | 96718  | 41.343 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 127765 | 37.337 | ng | 96     |
| 17) 2-Methylphenol             | 8.47  | 107 | 88935  | 40.079 | ng | 94     |
| 18) Hexachloroethane           | 9.09  | 117 | 48100  | 41.151 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 83616  | 38.847 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 122047 | 40.110 | ng | 95     |
| 22) Acetophenone               | 8.84  | 105 | 173380 | 39.348 | ng | # 98   |
| 24) Nitrobenzene               | 9.22  | 77  | 125462 | 39.462 | ng | # 95   |
| 25) Isophorone                 | 9.74  | 82  | 236905 | 38.825 | ng | 99     |
| 26) 2-Nitrophenol              | 9.93  | 139 | 62743  | 40.877 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 89939  | 40.882 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 134060 | 39.808 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 113245 | 40.176 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180 | 139690 | 39.320 | ng | 96     |
| 31) Naphthalene                | 10.87 | 128 | 342577 | 39.224 | ng | 98     |
| 32) Benzoic acid               | 10.18 | 122 | 61947  | 38.974 | ng | 99     |
| 33) 4-Chloroaniline            | 10.98 | 127 | 146738 | 40.987 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 103138 | 39.273 | ng | 93     |
| 35) Caprolactam                | 11.76 | 113 | 40500  | 41.719 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 121239 | 39.432 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.47 | 142 | 262318 | 39.144 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.69 | 142 | 247775 | 38.860 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216 | 181831 | 40.191 | ng | 99     |

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 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.82 | 237  | 96856    | 40.755 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.08 | 196  | 106939   | 40.138 | ng    | 94       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 107344   | 39.852 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.48 | 154  | 372716   | 40.078 | ng    | 96       |
| 47) 2-Chloronaphthalene        | 13.52 | 162  | 280773   | 39.680 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.73 | 65   | 86332    | 40.822 | ng    | 95       |
| 49) Acenaphthylene             | 14.36 | 152  | 439307   | 39.891 | ng    | 99       |
| 50) Dimethylphthalate          | 14.10 | 163  | 379627   | 40.092 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.22 | 165  | 81856    | 39.792 | ng    | 96       |
| 52) Acenaphthene               | 14.71 | 154  | 270475   | 40.274 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.56 | 138  | 84250    | 42.420 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 49523    | 42.326 | ng    | 94       |
| 55) Dibenzofuran               | 15.04 | 168  | 431324   | 39.604 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 55795    | 41.922 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 15.01 | 165  | 121117   | 41.199 | ng    | 93       |
| 58) Fluorene                   | 15.69 | 166  | 366414   | 40.114 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.19 | 232  | 107874   | 37.695 | ng    | 96       |
| 60) Diethylphthalate           | 15.46 | 149  | 378998   | 39.835 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.68 | 204  | 212952   | 39.963 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.72 | 138  | 92128    | 44.916 | ng    | 100      |
| 63) Azobenzene                 | 15.97 | 77   | 304736   | 39.576 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 67832    | 38.890 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.90 | 169  | 320604   | 38.315 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.57 | 248  | 153176   | 38.403 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.70 | 284  | 174856   | 38.191 | ng    | 99       |
| 69) Atrazine                   | 16.84 | 200  | 106199   | 36.525 | ng    | 93       |
| 70) Pentachlorophenol          | 17.05 | 266  | 74715    | 35.814 | ng    | 97       |
| 71) Phenanthrene               | 17.43 | 178  | 589020   | 38.810 | ng    | 100      |
| 72) Anthracene                 | 17.53 | 178  | 592236   | 39.002 | ng    | 98       |
| 73) Carbazole                  | 17.80 | 167  | 550321   | 40.021 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.35 | 149  | 669976   | 40.155 | ng    | 99       |
| 75) Fluoranthene               | 19.44 | 202  | 763407   | 38.583 | ng    | 98       |
| 77) Benzidine                  | 19.62 | 184  | 283512   | 44.206 | ng    | 98       |
| 78) Pyrene                     | 19.81 | 202  | 777109   | 39.396 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.69 | 149  | 308172   | 41.237 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.64 | 228  | 802652   | 40.210 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.56 | 252  | 328824   | 42.590 | ng    | 99       |
| 83) Chrysene                   | 21.71 | 228  | 788295   | 39.746 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 440347   | 41.480 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.74 | 149  | 758651   | 42.123 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.51 | 276  | 1047394  | 42.071 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.84 | 252  | 859928   | 39.241 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.91 | 252  | 867017   | 39.301 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.71 | 252  | 827117   | 39.526 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.57 | 278  | 861856   | 40.266 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.65 | 276  | 840497   | 39.809 | ng    | 98       |

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



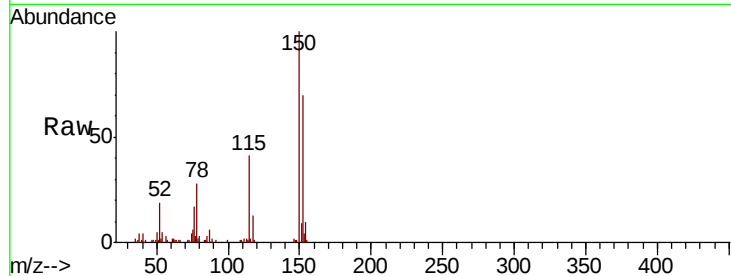


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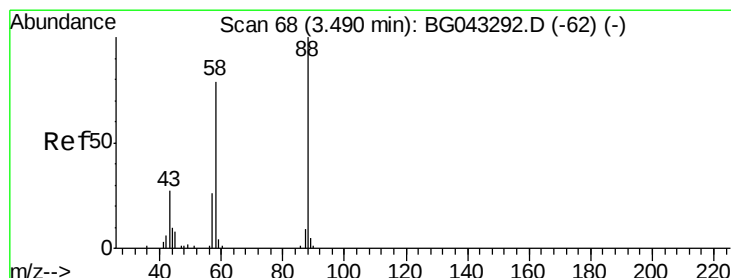
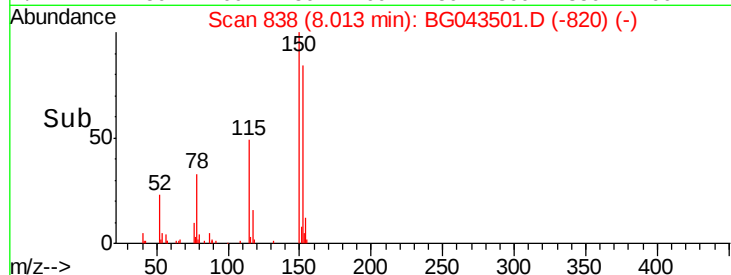
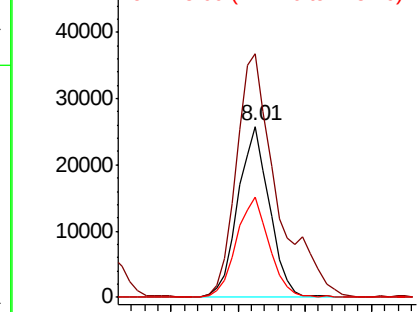
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 838  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 42425  
Ion Ratio Lower Upper  
152 100  
150 142.7 129.4 194.0  
115 58.8 48.8 73.2



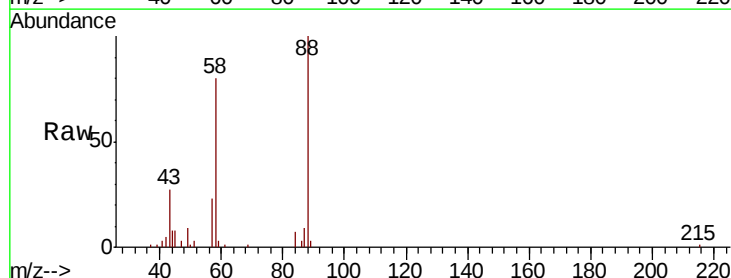
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



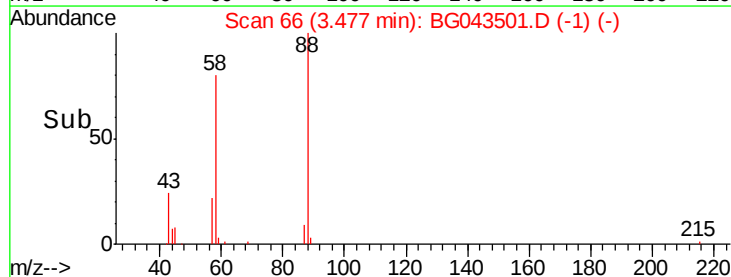
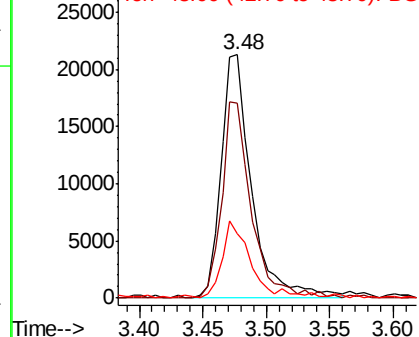
#2

1,4-Dioxane  
Concen: 39.755 ng  
RT: 3.48 min Scan# 66  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Tgt Ion: 88 Resp: 35868  
Ion Ratio Lower Upper  
88 100  
58 77.7 62.7 94.1  
43 30.2 23.7 35.5



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: 43.029 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

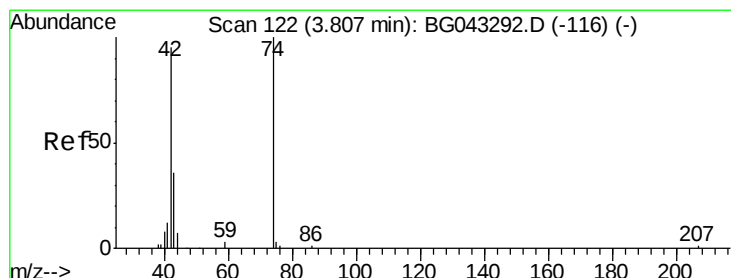
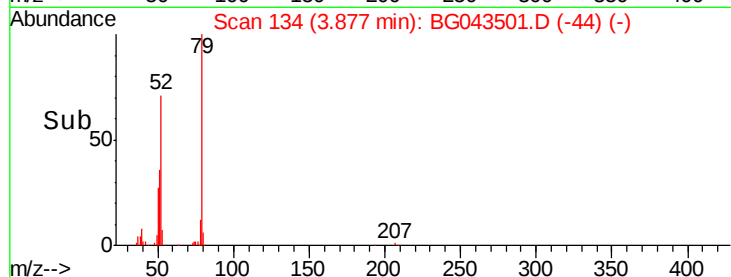
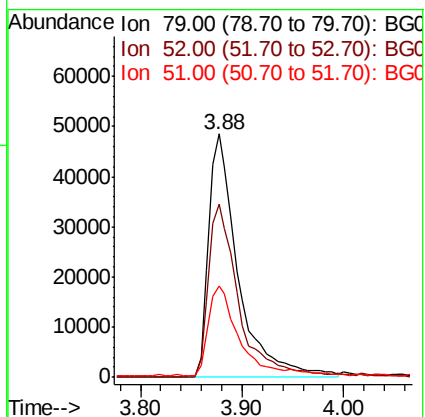
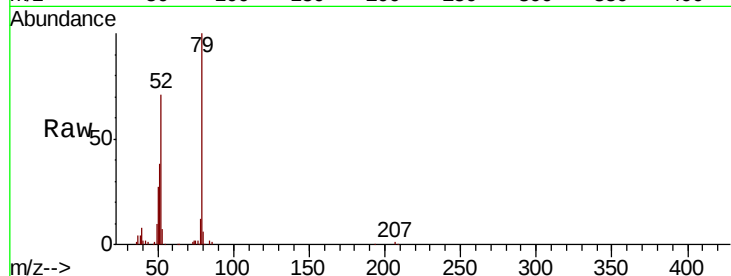
Tot Ion: 79 Resp: 97930

Ion Ratio Lower Upper

79 100

52 71.4 56.5 84.7

51 37.6 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 40.285 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

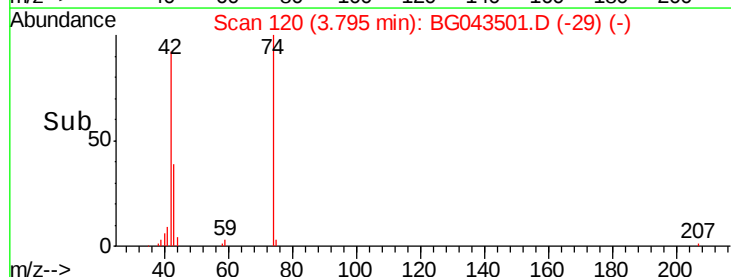
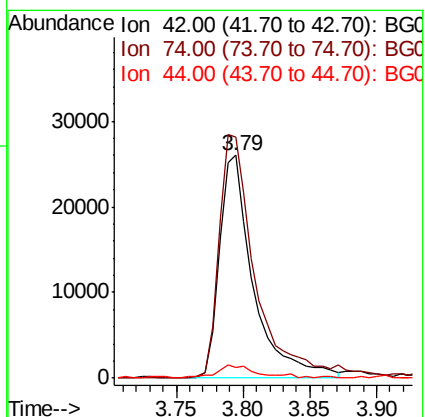
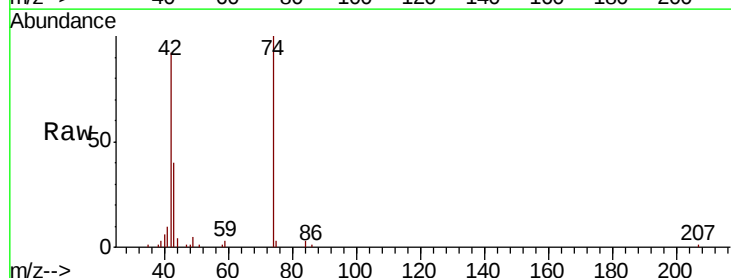
Tgt Ion: 42 Resp: 46264

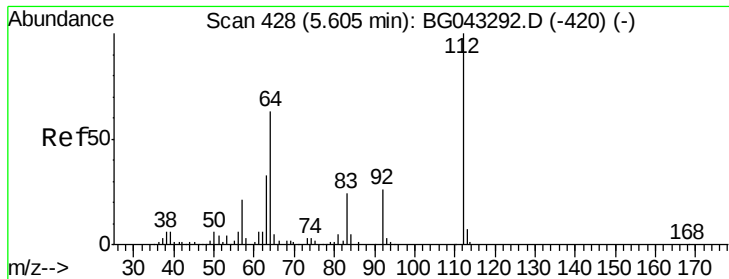
Ion Ratio Lower Upper

42 100

74 108.3 97.3 145.9

44 4.6 4.4 6.6





#5

2-Fluorophenol

Concen: 84.709 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

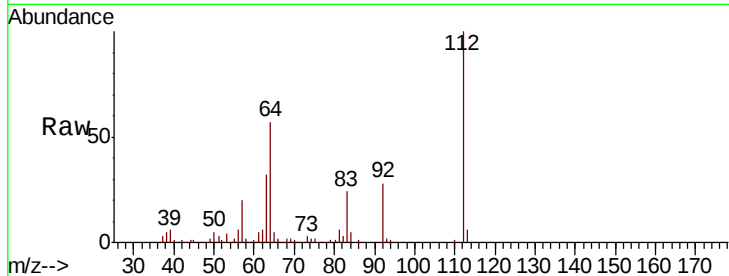
Tot Ion:112 Resp: 196120

Ion Ratio Lower Upper

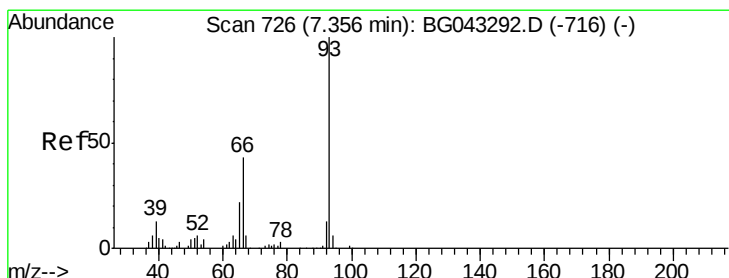
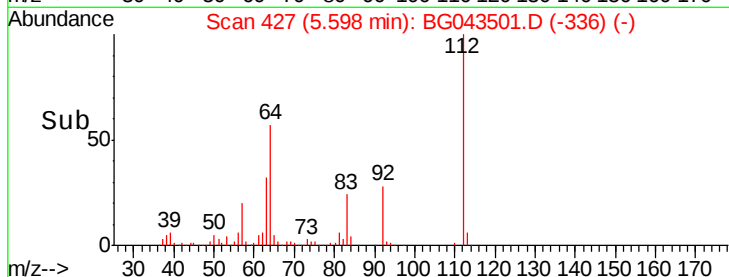
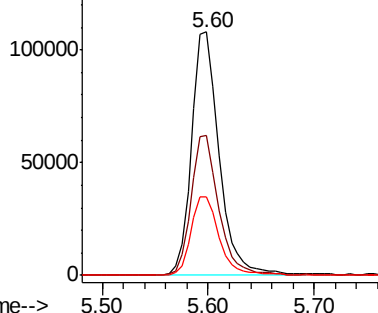
112 100

64 57.4 50.0 75.0

63 32.4 26.6 40.0



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: 40.860 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

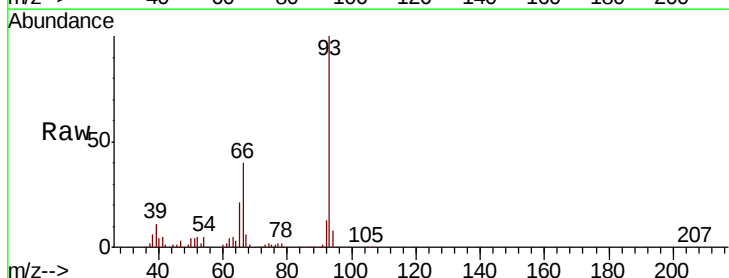
Tgt Ion: 93 Resp: 156790

Ion Ratio Lower Upper

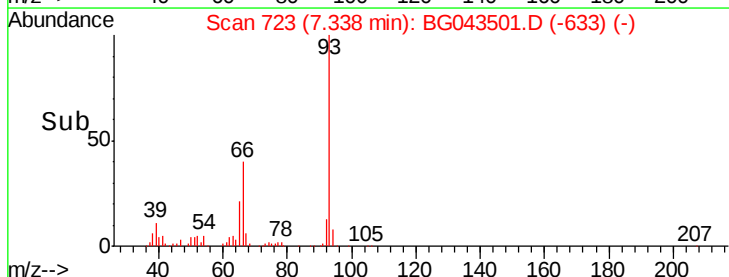
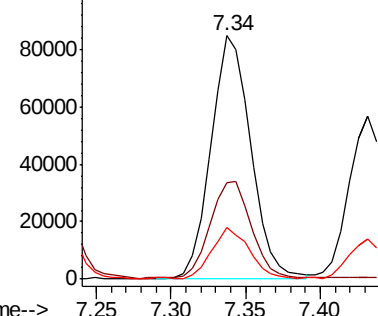
93 100

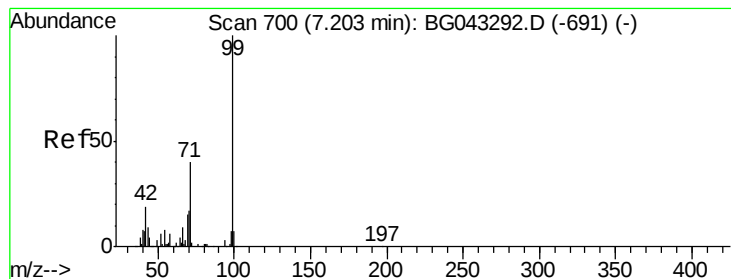
66 39.7 32.3 48.5

65 21.2 16.1 24.1



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: 81.881 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

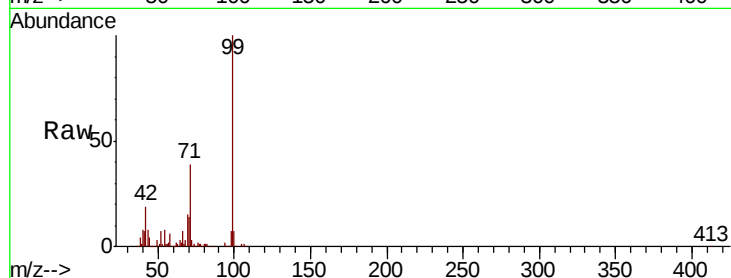
Tot Ion: 99 Resp: 272750

Ion Ratio Lower Upper

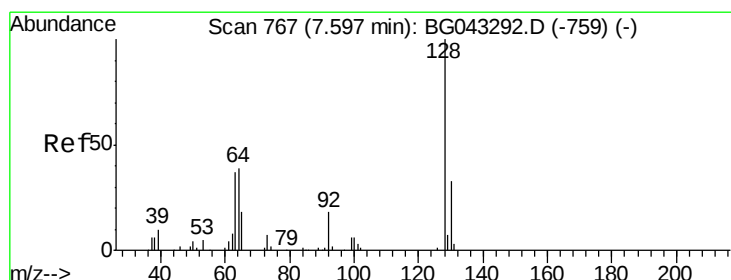
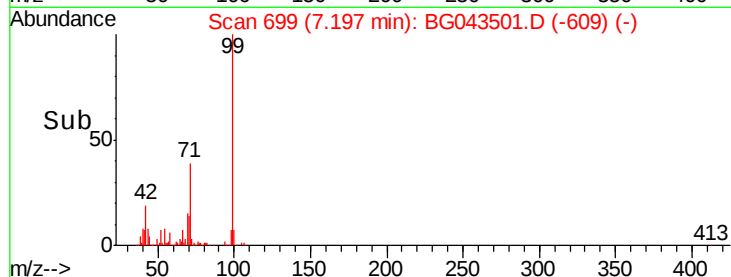
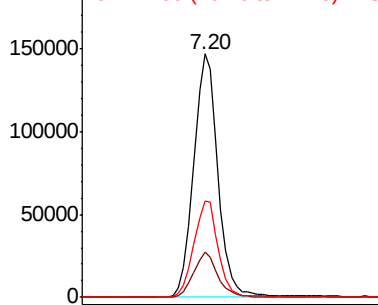
99 100

42 18.7 14.6 21.8

71 39.5 32.5 48.7



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: 41.013 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

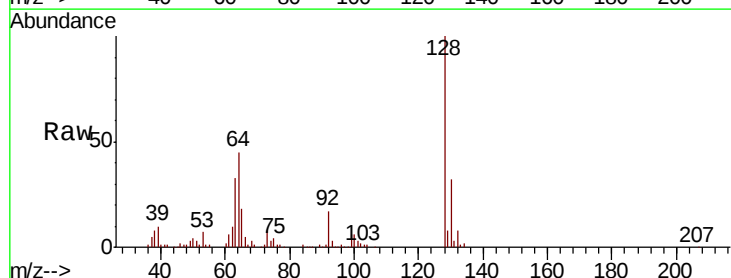
Tgt Ion: 128 Resp: 104819

Ion Ratio Lower Upper

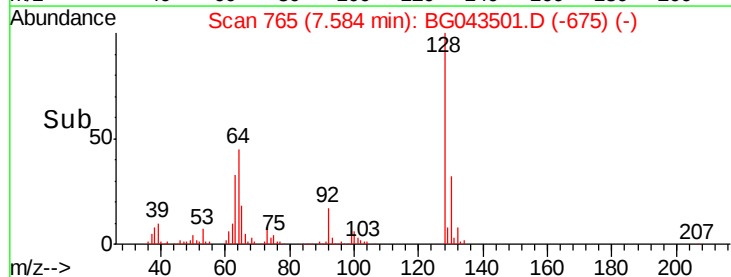
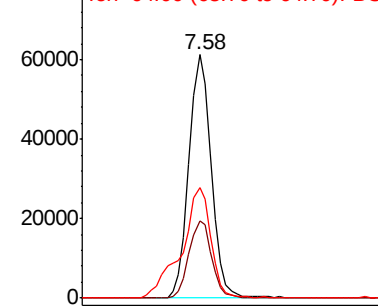
128 100

130 31.7 12.5 52.5

64 45.4 25.3 65.3



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





#9

Benzaldehyde

Concen: 42.747 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampled :

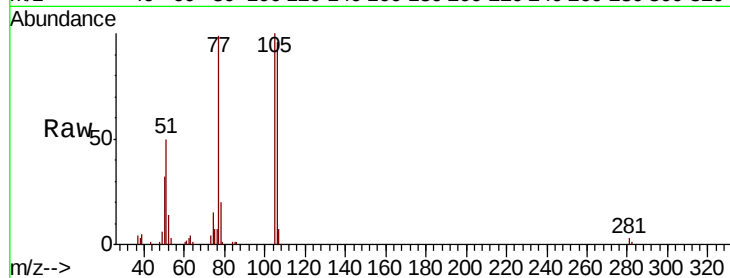
Tot Ion: 77 Resp: 69977

Ion Ratio Lower Upper

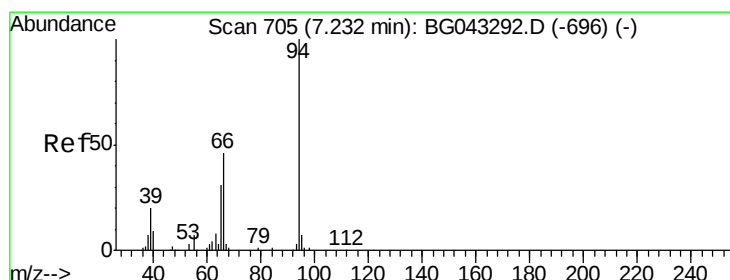
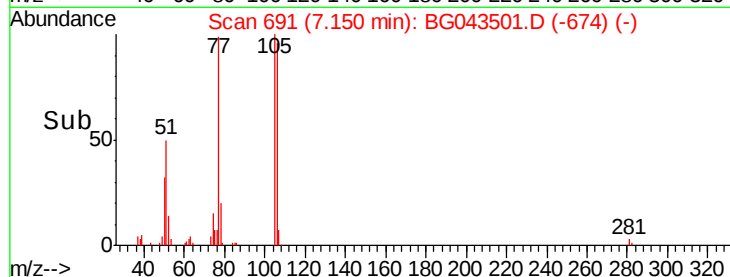
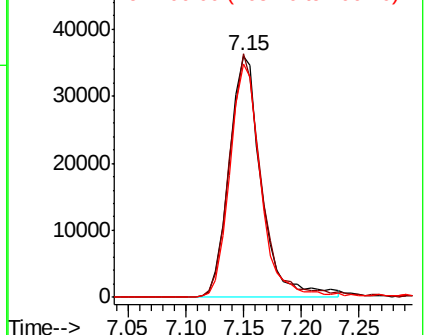
77 100

105 100.9 68.6 108.6

106 96.8 69.9 109.9



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: 41.141 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

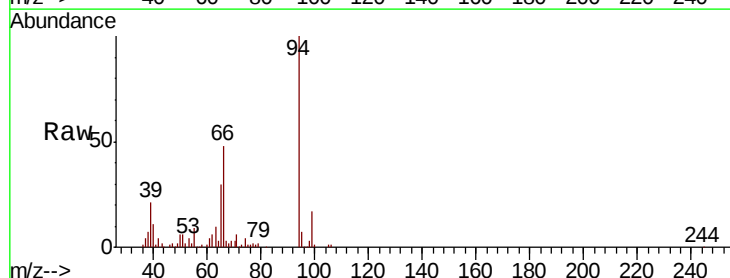
Tgt Ion: 94 Resp: 125227

Ion Ratio Lower Upper

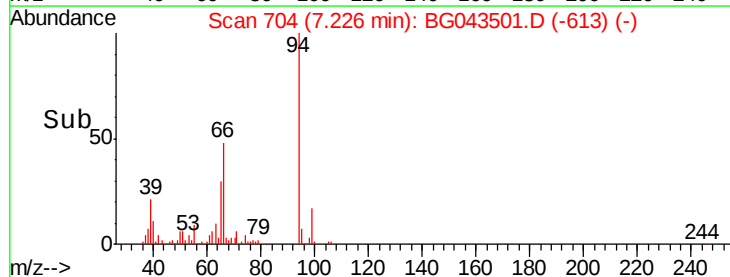
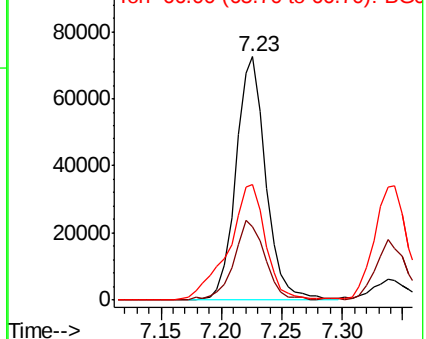
94 100

65 30.3 12.6 52.6

66 47.7 30.7 70.7



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC

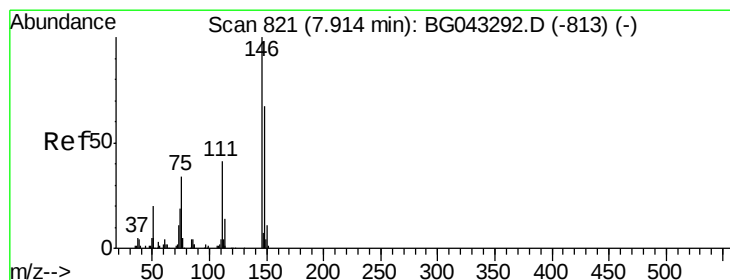
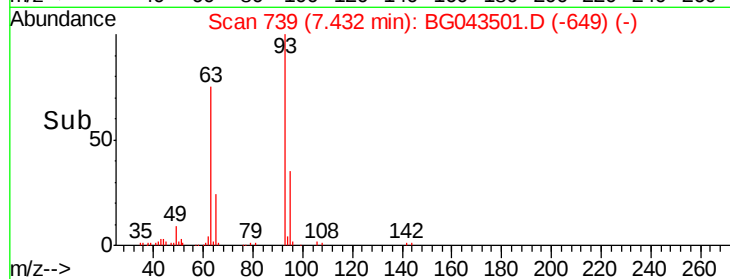
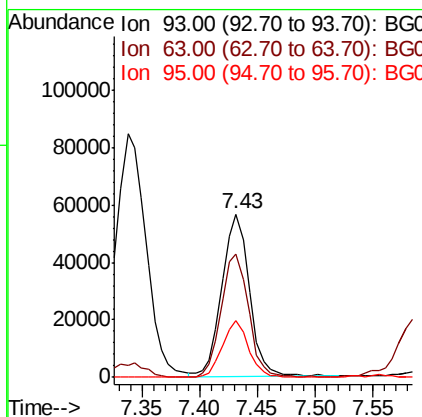
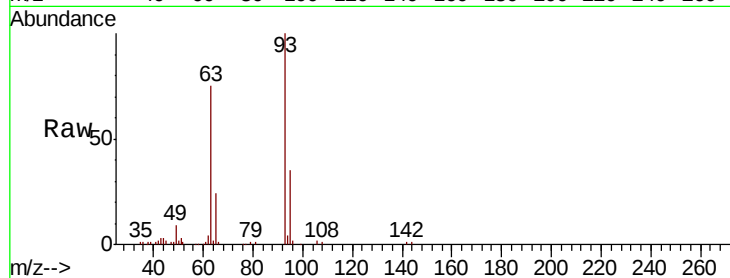




#11  
 bis(2-Chloroethyl)ether  
 Concen: 40.002 ng  
 RT: 7.43 min Scan# 739  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

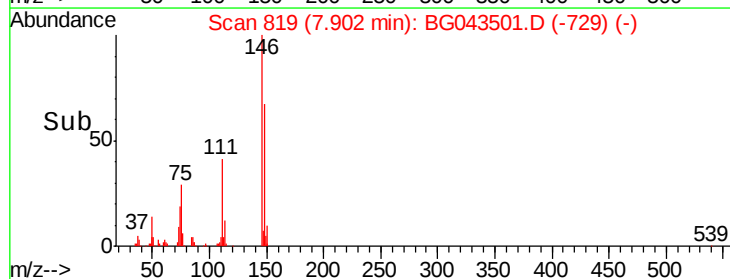
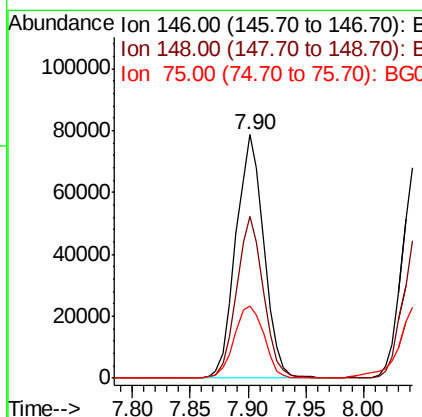
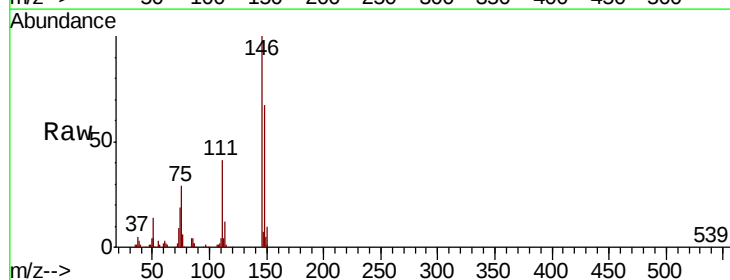
Instrument :  
 BNA\_G  
 ClientSampleId :

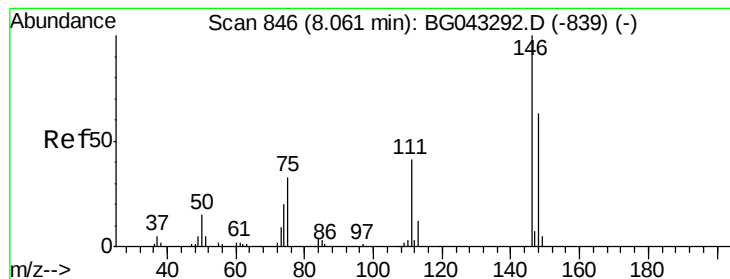
Tot Ion: 93 Resp: 94140  
 Ion Ratio Lower Upper  
 93 100  
 63 75.1 56.3 96.3  
 95 34.6 12.2 52.2



#12  
 1,3-Dichlorobenzene  
 Concen: 41.310 ng  
 RT: 7.90 min Scan# 819  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

Tgt Ion: 146 Resp: 132278  
 Ion Ratio Lower Upper  
 146 100  
 148 66.6 50.3 75.5  
 75 29.4 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 40.815 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampled :

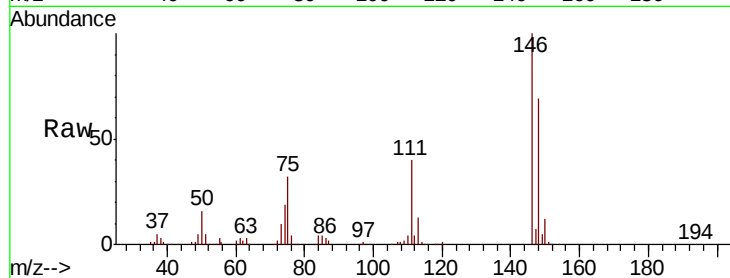
Tot Ion:146 Resp: 132229

Ion Ratio Lower Upper

146 100

148 68.6 50.7 76.1

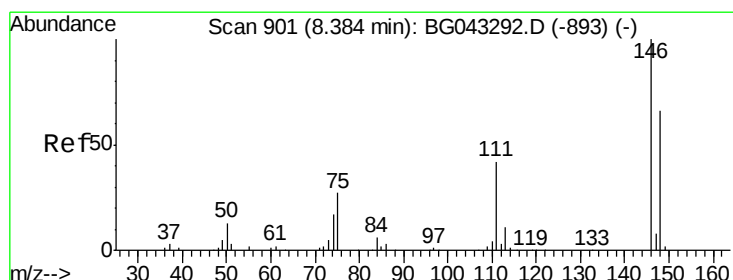
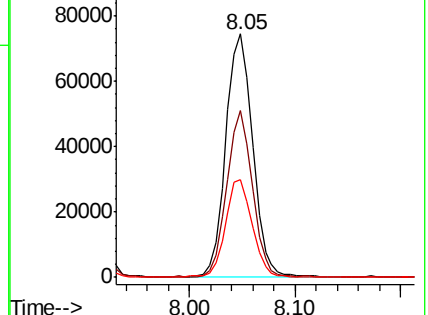
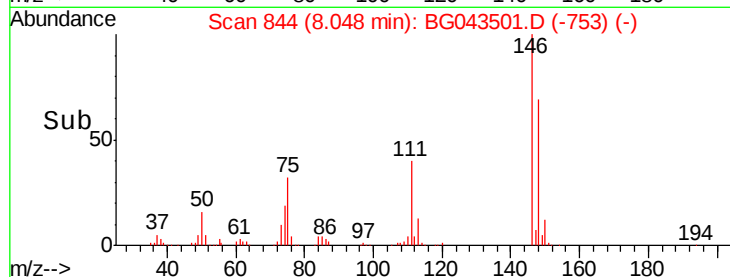
111 40.4 33.4 50.2



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: 40.418 ng

RT: 8.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

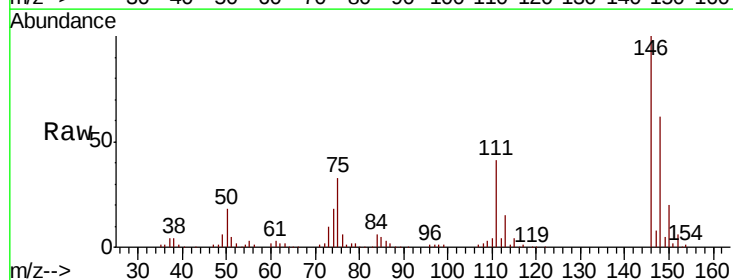
Tgt Ion:146 Resp: 127854

Ion Ratio Lower Upper

146 100

148 62.3 53.2 79.8

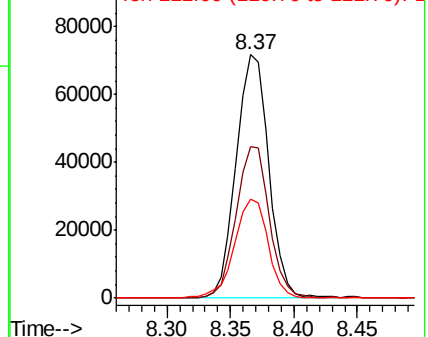
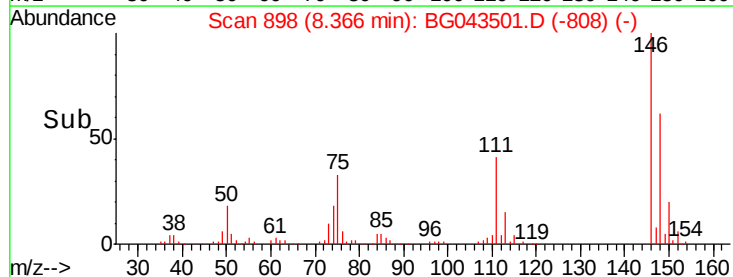
111 40.7 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.343 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

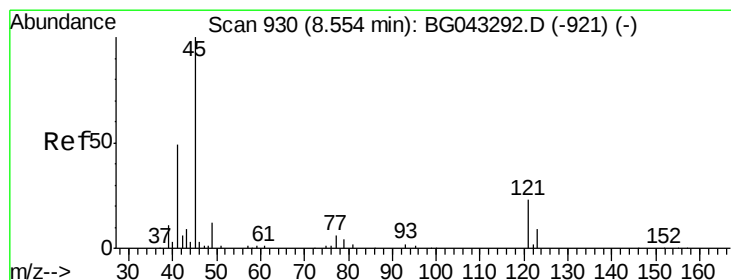
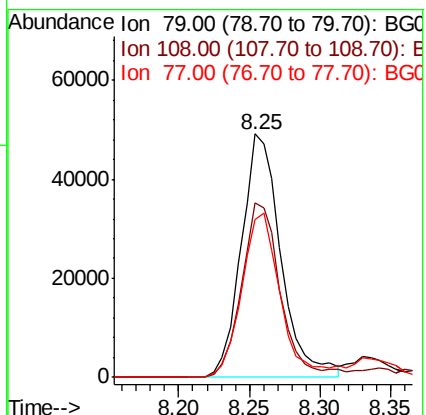
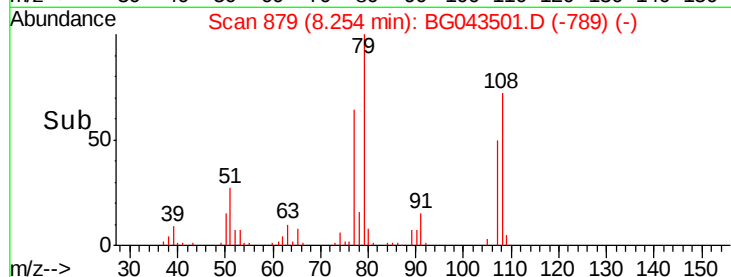
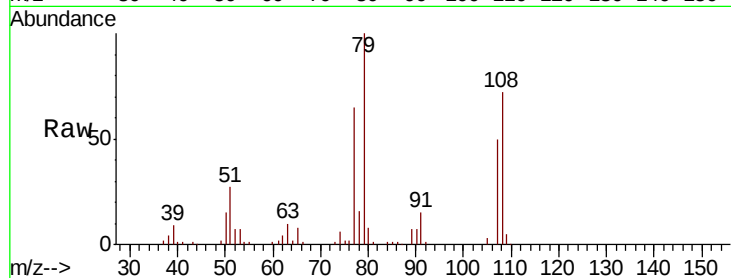
Tot Ion: 79 Resp: 96718

Ion Ratio Lower Upper

79 100

108 71.7 53.6 80.4

77 64.7 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.337 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

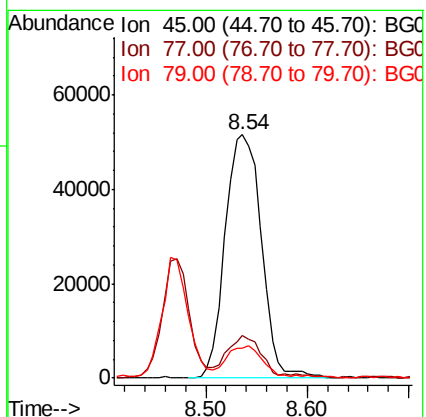
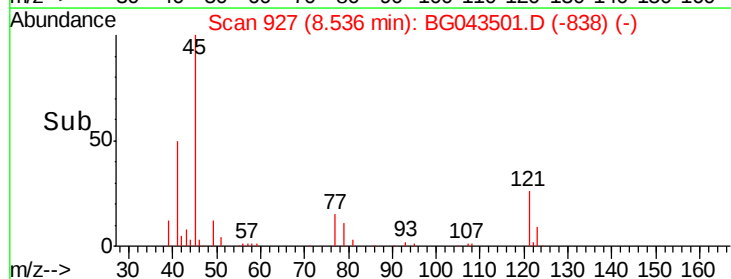
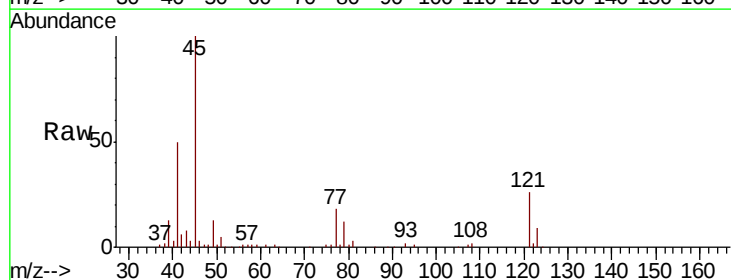
Tgt Ion: 45 Resp: 127765

Ion Ratio Lower Upper

45 100

77 17.5 0.0 34.9

79 12.2 0.0 33.0





#17

2-Methylphenol

Concen: 40.079 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 88935

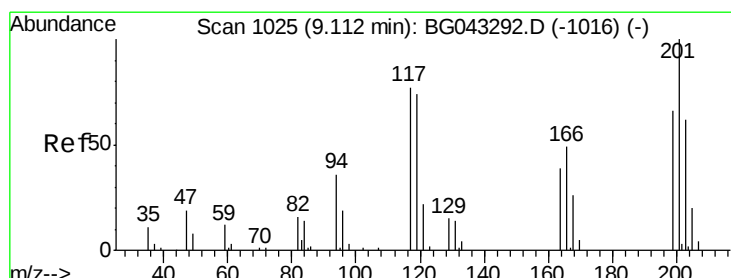
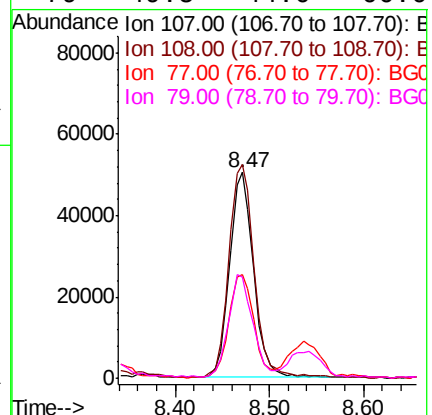
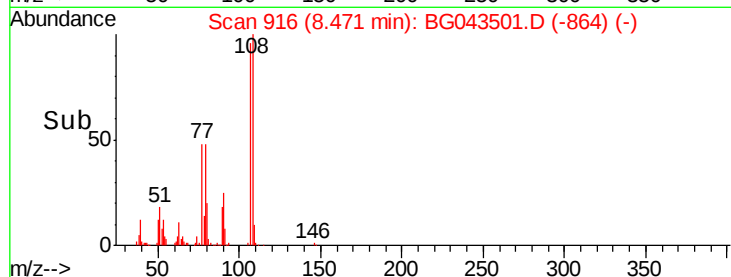
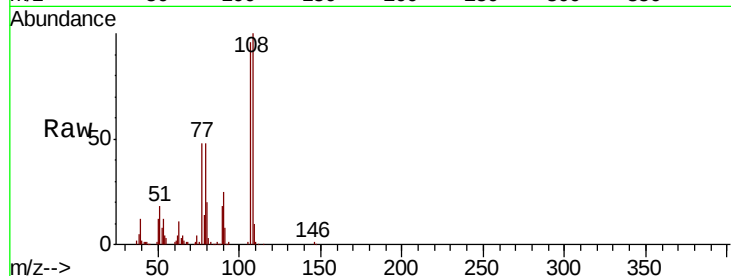
Ion Ratio Lower Upper

107 100

108 103.8 90.2 135.4

77 50.3 40.2 60.2

79 49.5 44.0 66.0



#18

Hexachloroethane

Concen: 41.151 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

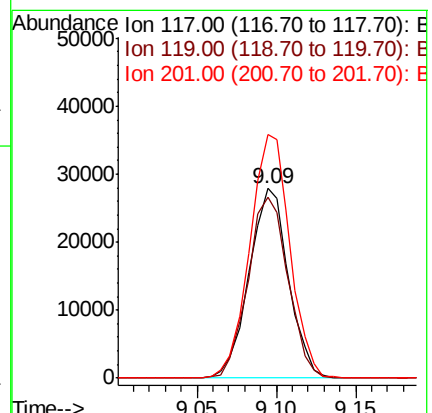
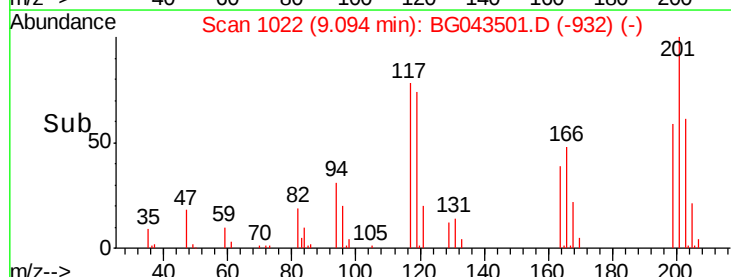
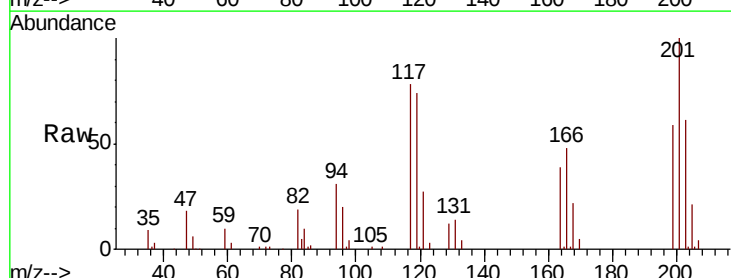
Tgt Ion:117 Resp: 48100

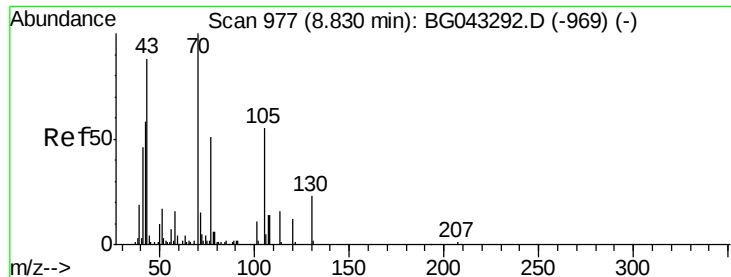
Ion Ratio Lower Upper

117 100

119 95.6 79.0 118.4

201 128.3 105.4 158.2

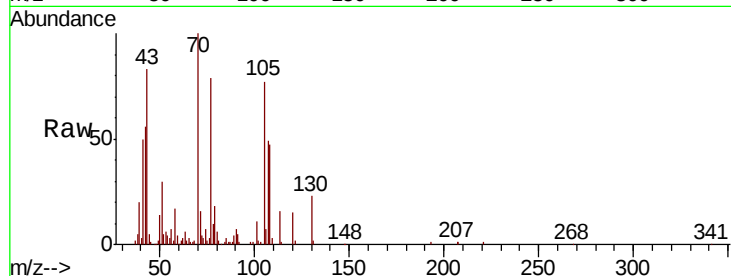




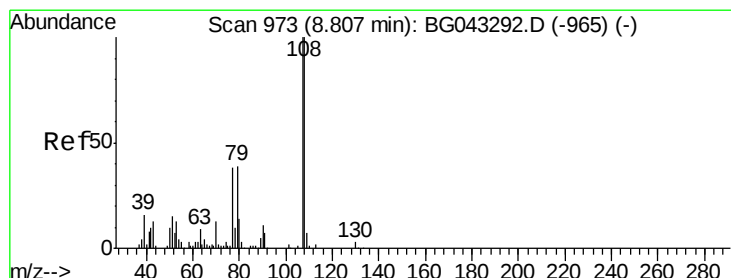
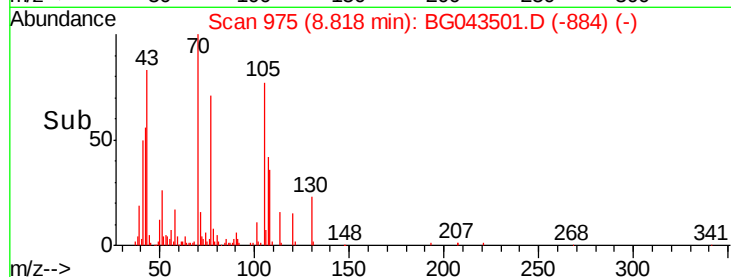
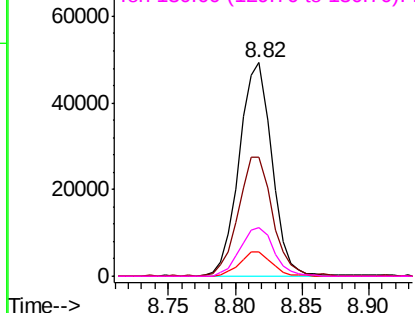
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.847 ng  
RT: 8.82 min Scan# 975  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 83616 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 55.5  | 41.4  | 62.2  |
| 101      | 11.3  | 7.9   | 11.9  |
| 130      | 22.6  | 19.0  | 28.4  |

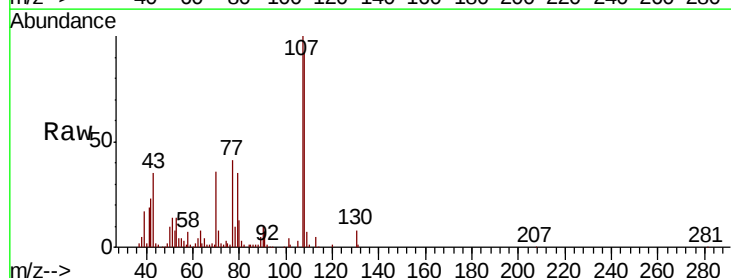


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

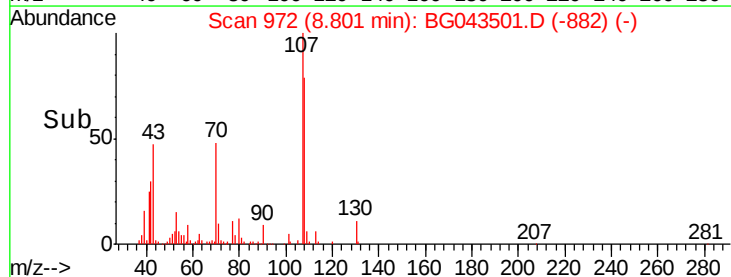
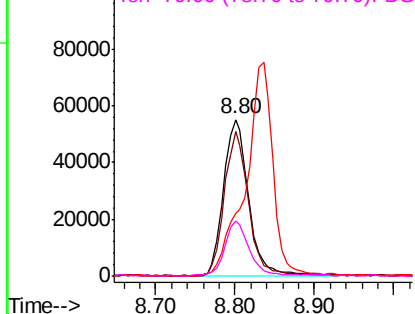


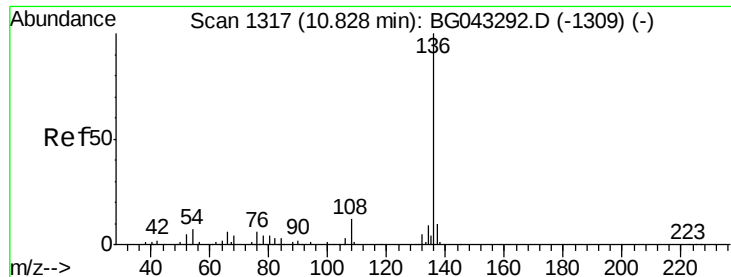
#20  
3+4-Methylphenols  
Concen: 40.110 ng  
RT: 8.80 min Scan# 972  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 122047 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 92.3  | 66.6  | 106.6  |
| 77       | 40.5  | 20.9  | 60.9   |
| 79       | 35.5  | 11.3  | 51.3   |



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampled :

Tot Ion:136 Resp: 172062

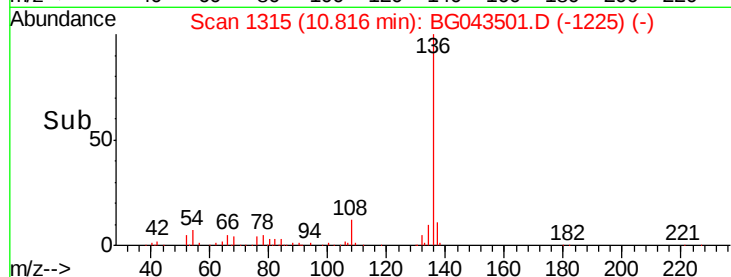
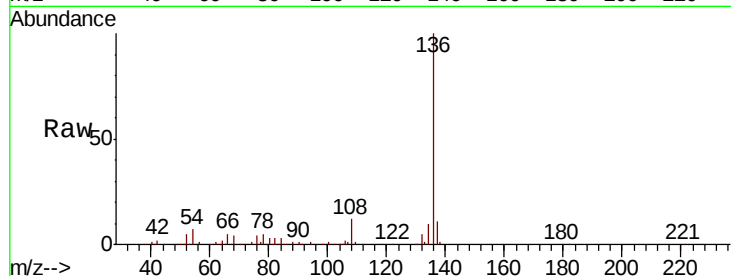
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.5 5.4 8.2

68 4.5 3.0 4.4#



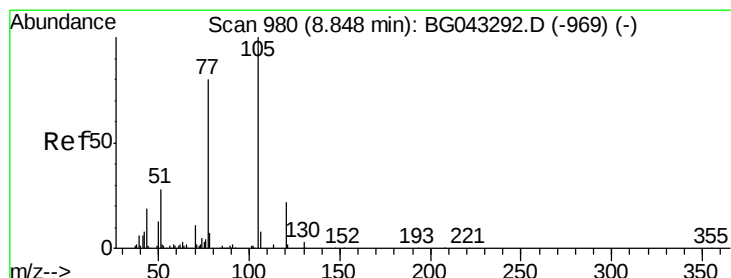
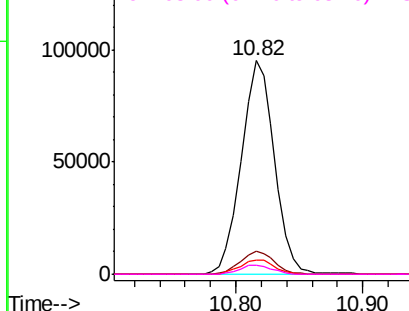
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.348 ng

RT: 8.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Tgt Ion:105 Resp: 173380

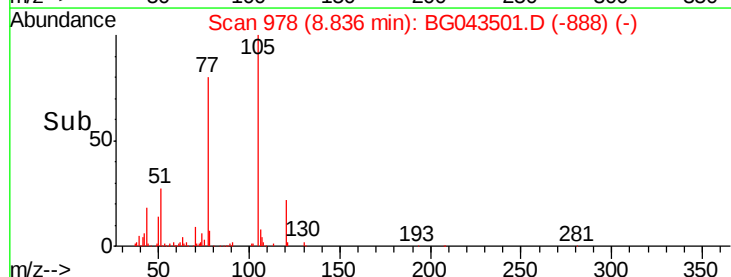
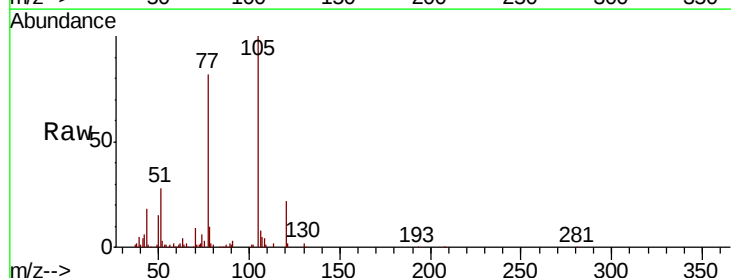
Ion Ratio Lower Upper

105 100

71 1.3 0.8 1.2#

51 28.0 21.0 31.4

120 22.0 18.0 27.0



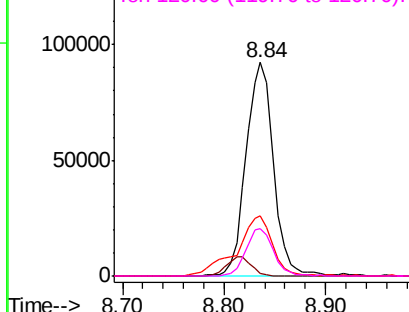
Abundance

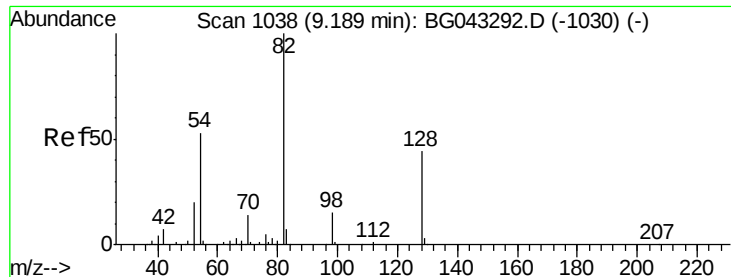
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

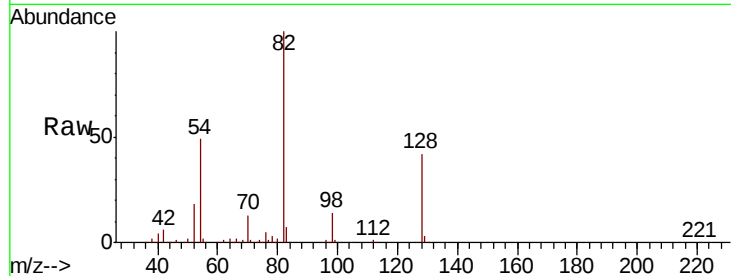




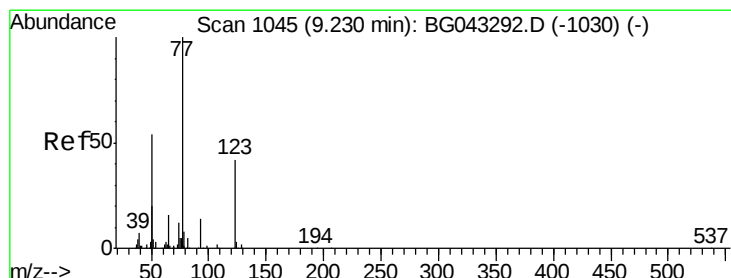
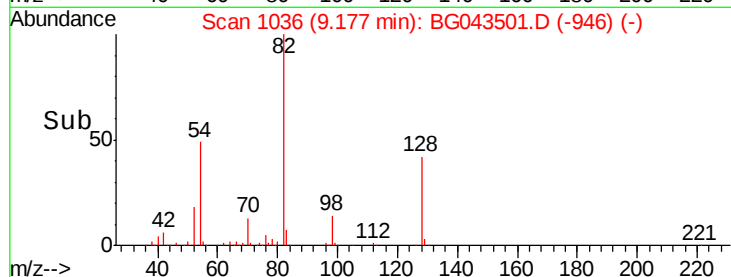
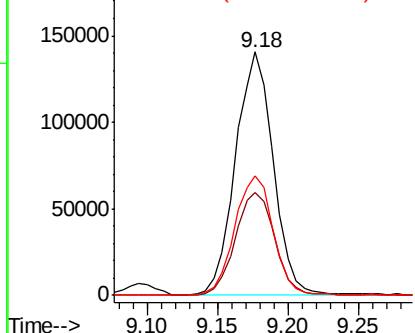
#23  
 Nitrobenzene-d5  
 Concen: 78.499 ng  
 RT: 9.18 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.3  | 35.0  | 52.6  |
| 54      | 49.1  | 40.2  | 60.2  |

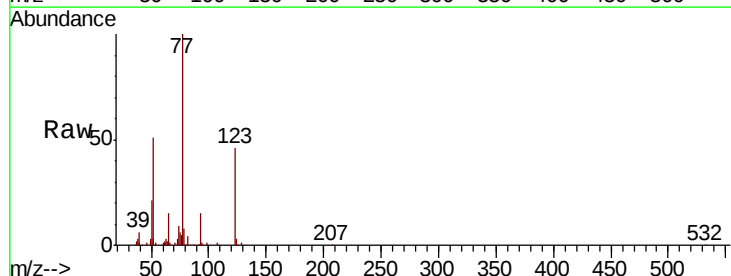


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

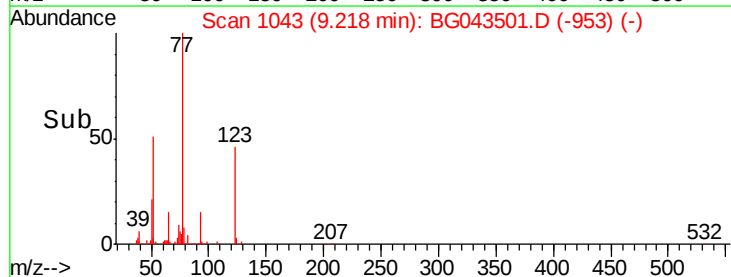
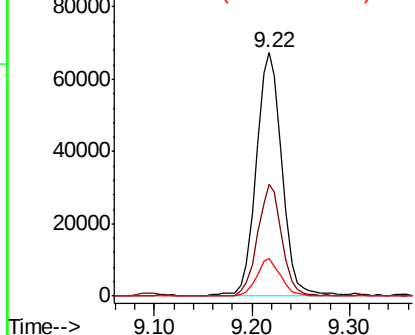


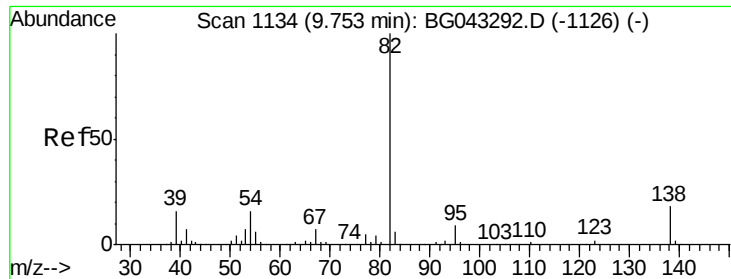
#24  
 Nitrobenzene  
 Concen: 39.462 ng  
 RT: 9.22 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.1  | 35.0  | 52.6  |
| 65      | 15.2  | 9.5   | 14.3# |



Abundance Ion 77.00 (76.70 to 77.70): BGC  
 Ion 123.00 (122.70 to 123.70): BGC  
 Ion 65.00 (64.70 to 65.70): BGC

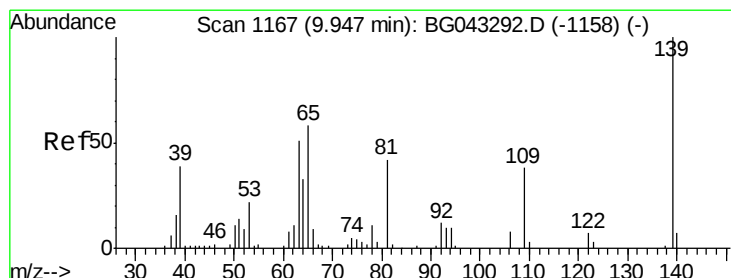
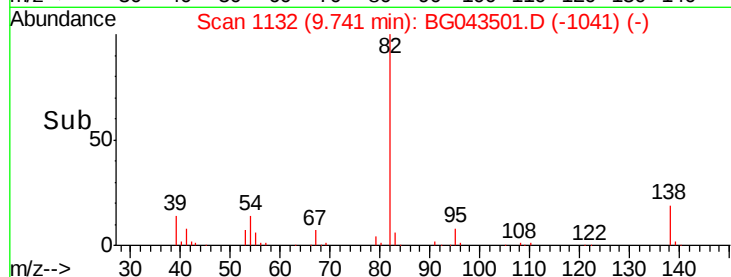
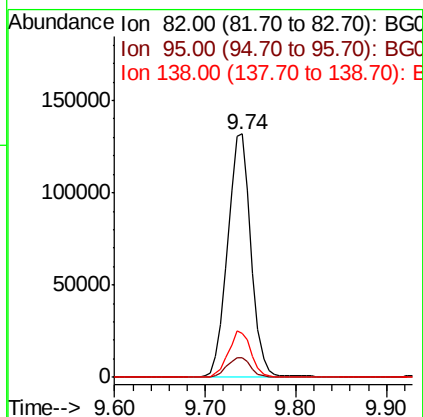
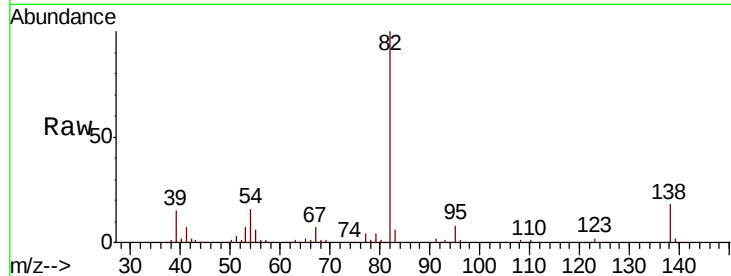




#25  
Isophorone  
Concen: 38.825 ng  
RT: 9.74 min Scan# 1132  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

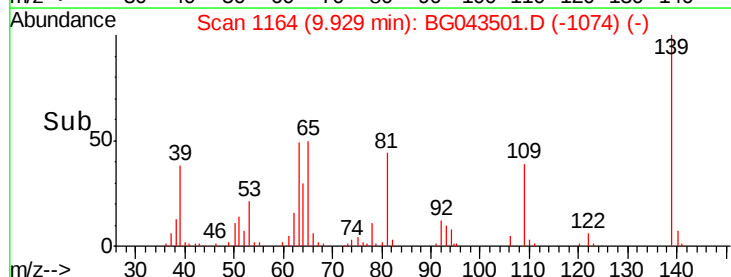
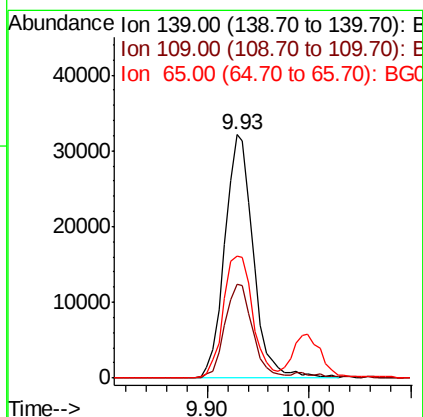
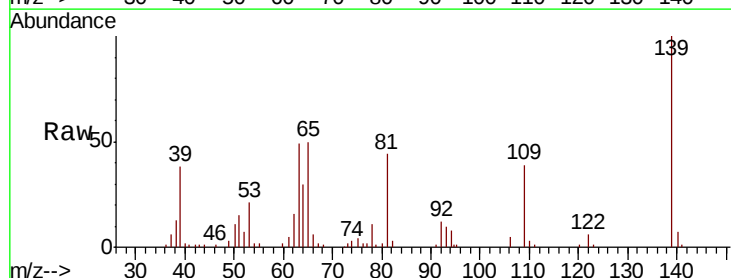
Instrument :  
BNA\_G  
ClientSampleId :

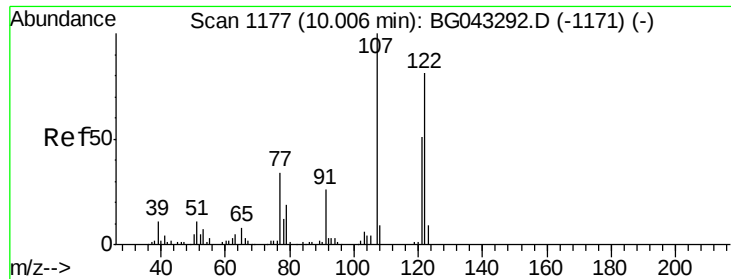
Tot Ion: 82 Resp: 236905  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.6 9.8  
138 18.2 15.2 22.8



#26  
2-Nitrophenol  
Concen: 40.877 ng  
RT: 9.93 min Scan# 1164  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Tgt Ion: 139 Resp: 62743  
Ion Ratio Lower Upper  
139 100  
109 38.6 26.5 39.7  
65 49.9 43.8 65.8

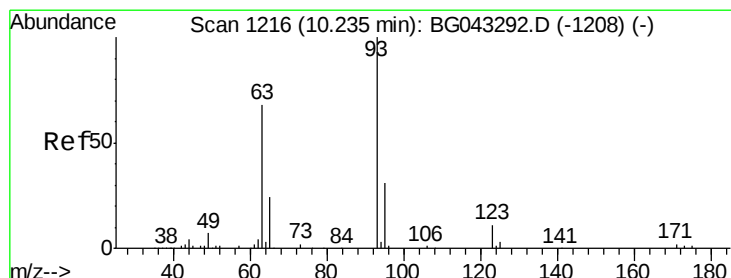
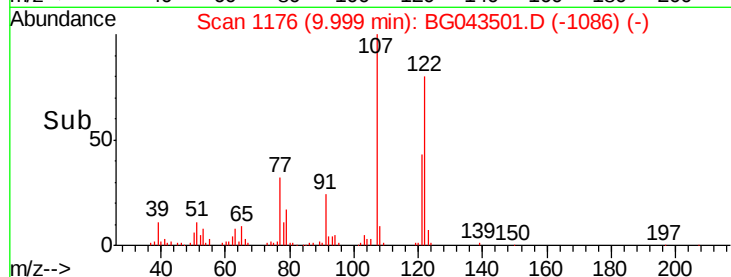
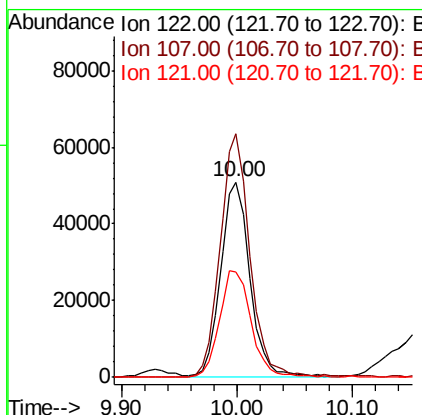
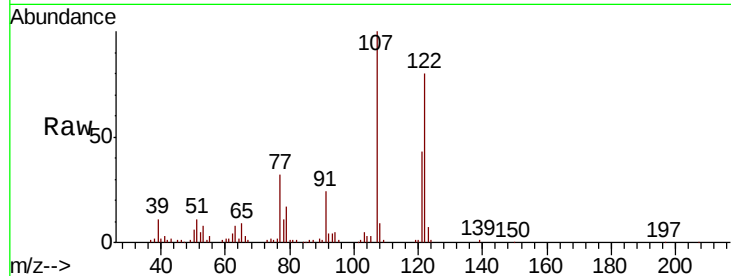




#27  
2,4-Dimethylphenol  
Concen: 40.882 ng  
RT: 10.00 min Scan# 1176  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

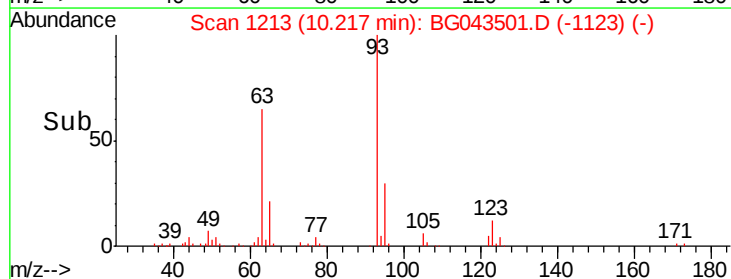
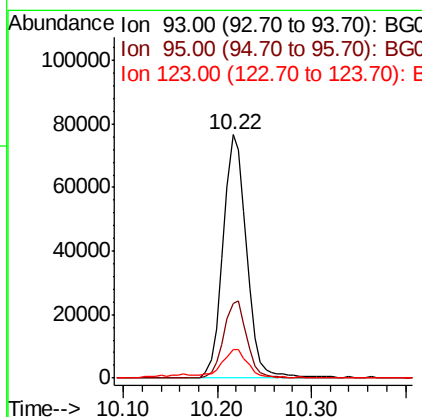
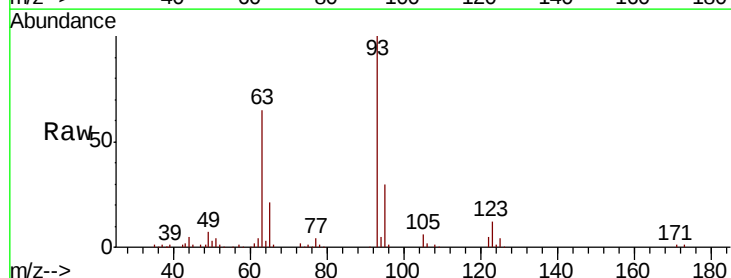
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:122 Resp: 89939  
Ion Ratio Lower Upper  
122 100  
107 124.7 104.4 156.6  
121 54.1 47.2 70.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.808 ng  
RT: 10.22 min Scan# 1213  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Tgt Ion: 93 Resp: 134060  
Ion Ratio Lower Upper  
93 100  
95 30.5 26.0 39.0  
123 11.7 10.6 15.8

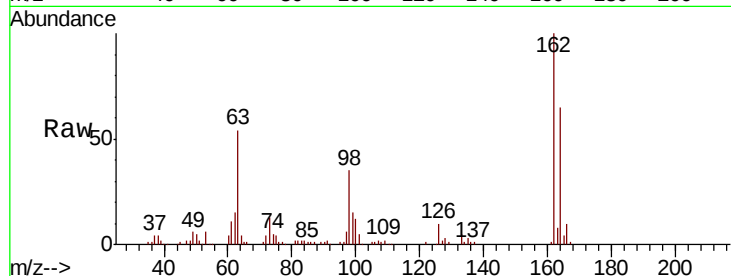




#29  
2,4-Dichlorophenol  
Concen: 40.176 ng  
RT: 10.48 min Scan# 1257  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.0  | 48.9  | 88.9  |
| 98      | 35.0  | 15.1  | 55.1  |

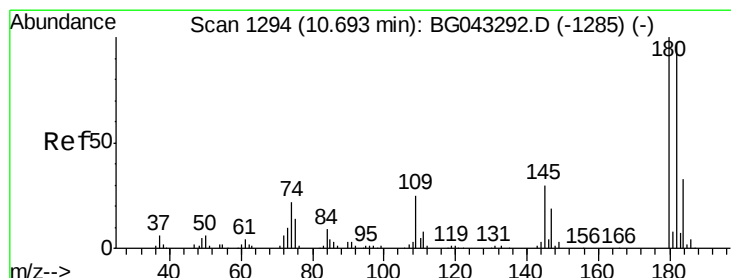
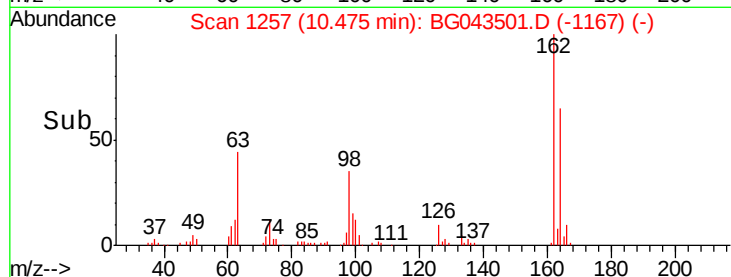
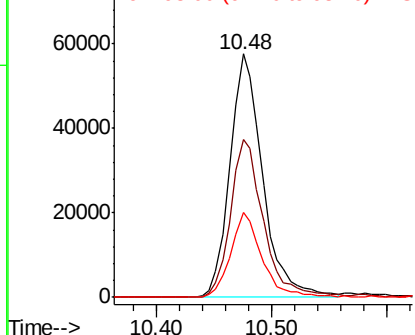


Abundance

Ion 162.00 (161.70 to 162.70): E

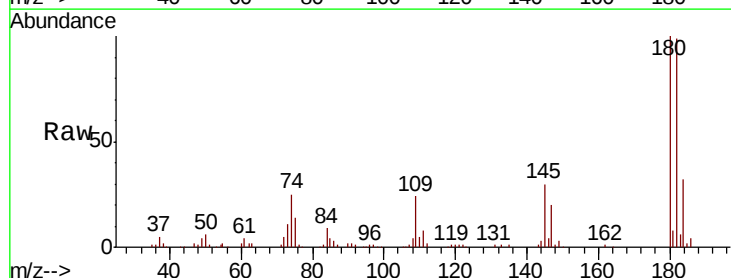
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
1,2,4-Trichlorobenzene  
Concen: 39.320 ng  
RT: 10.68 min Scan# 1292  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.0  | 75.1  | 112.7 |
| 145     | 29.8  | 23.9  | 35.9  |

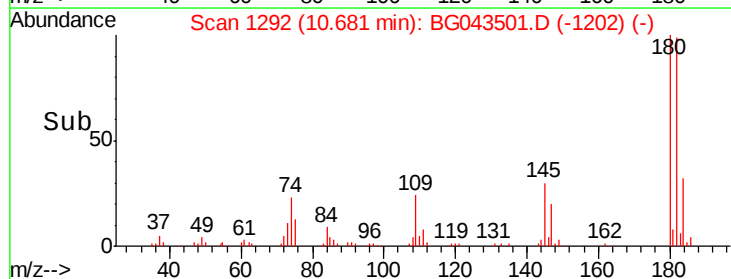
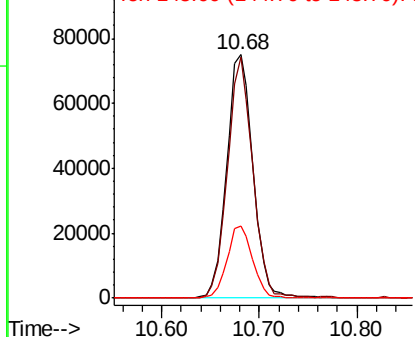


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

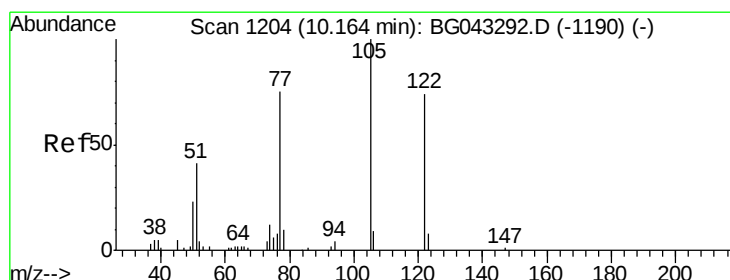
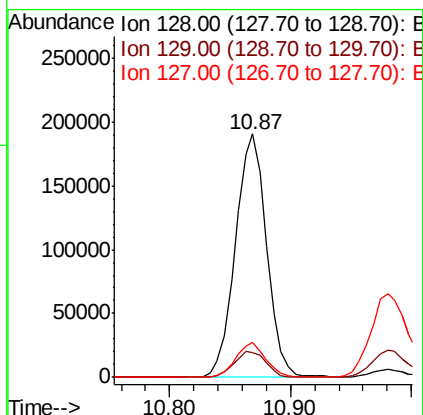
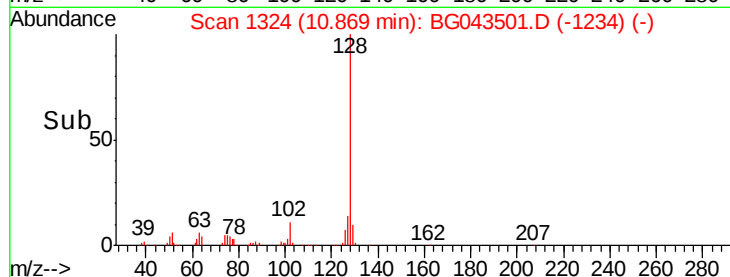
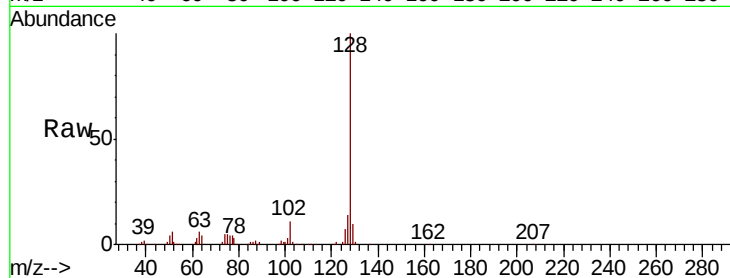




#31  
Naphthalene  
Concen: 39.224 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

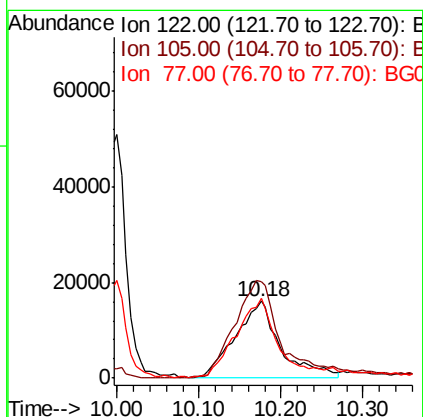
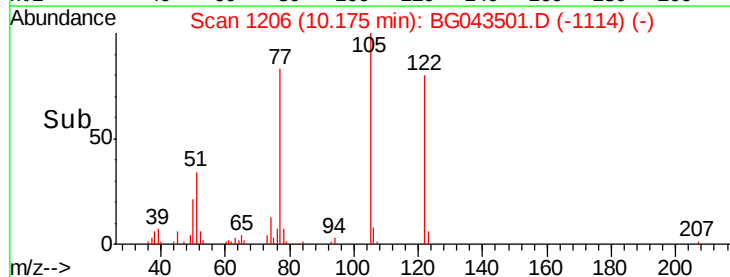
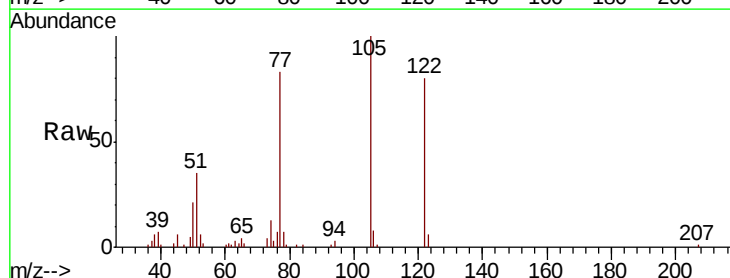
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 342577  
Ion Ratio Lower Upper  
128 100  
129 10.4 9.4 14.0  
127 14.2 11.1 16.7



#32  
Benzoic acid  
Concen: 38.974 ng  
RT: 10.18 min Scan# 1206  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Tgt Ion:122 Resp: 61947  
Ion Ratio Lower Upper  
122 100  
105 124.9 103.3 143.3  
77 104.0 84.9 124.9

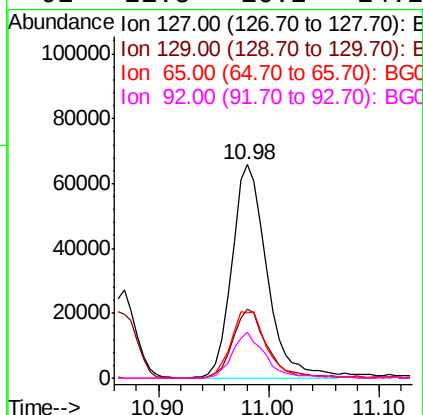
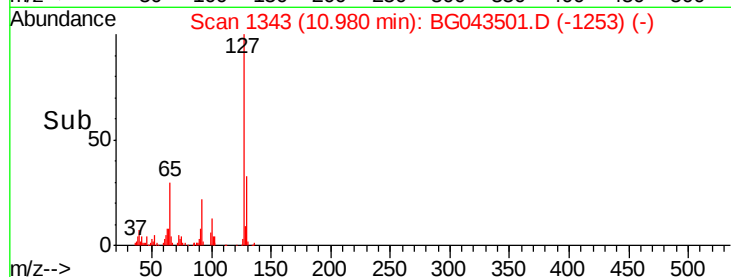
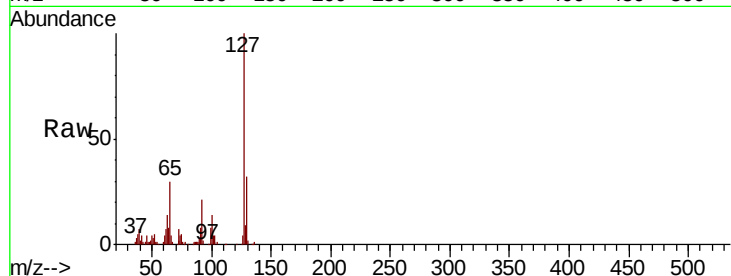




#33  
4-Chloroaniline  
Concen: 40.987 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

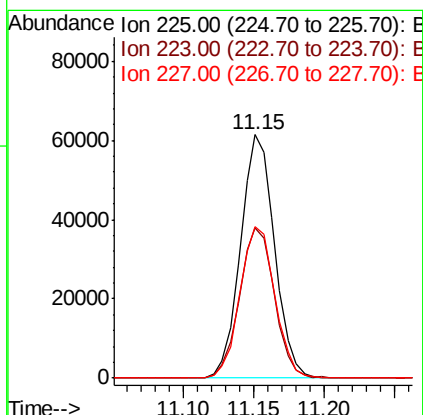
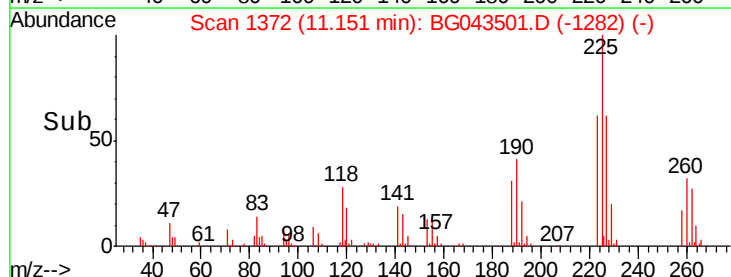
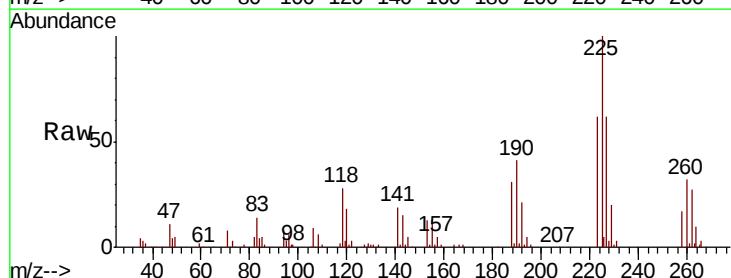
Instrument :  
BNA\_G  
ClientSampled :

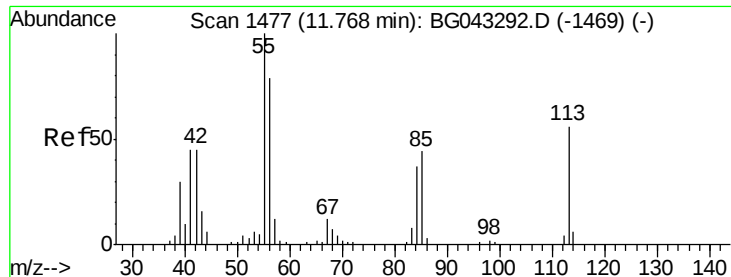
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 146738 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 26.5  | 39.7   |
| 65       | 30.3  | 26.4  | 39.6   |
| 92       | 21.5  | 16.2  | 24.2   |



#34  
Hexachlorobutadiene  
Concen: 39.273 ng  
RT: 11.15 min Scan# 1372  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 103138 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.7  | 52.7  | 79.1   |
| 227      | 62.2  | 54.8  | 82.2   |

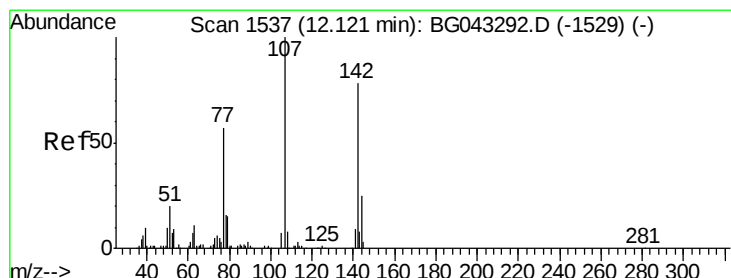
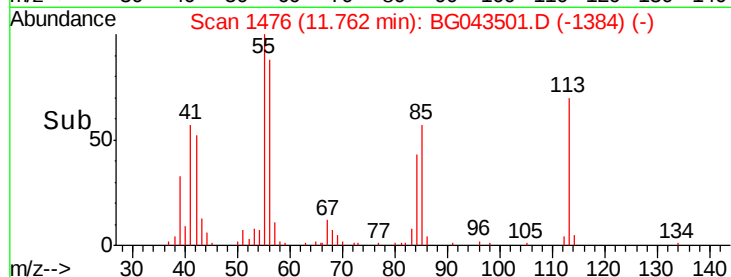
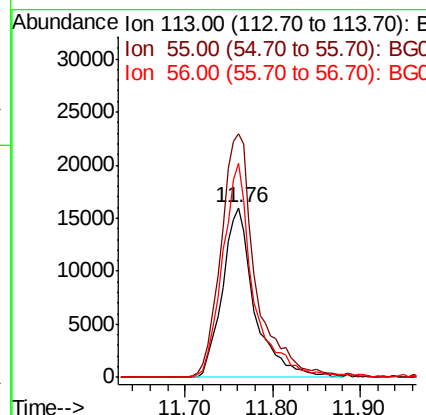
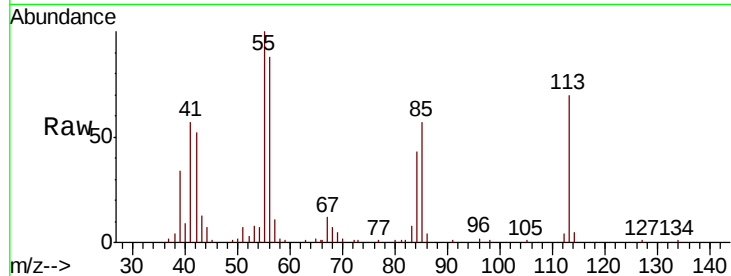




#35  
 Caprolactam  
 Concen: 41.719 ng  
 RT: 11.76 min Scan# 1476  
 Delta R.T. 0.01 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

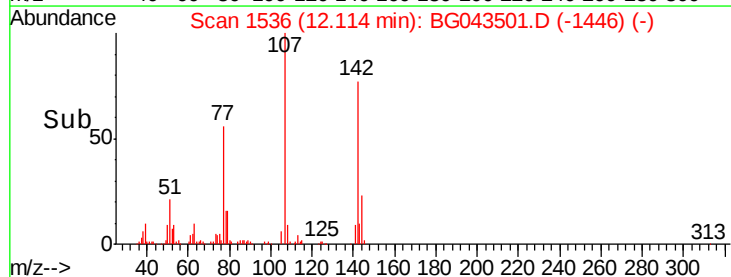
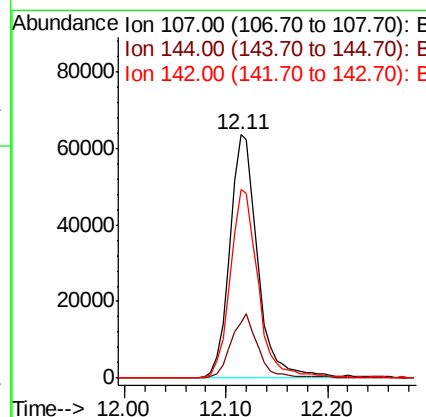
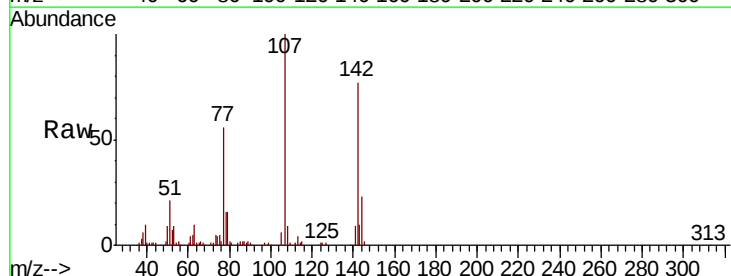
Instrument :  
 BNA\_G  
 ClientSampleId :

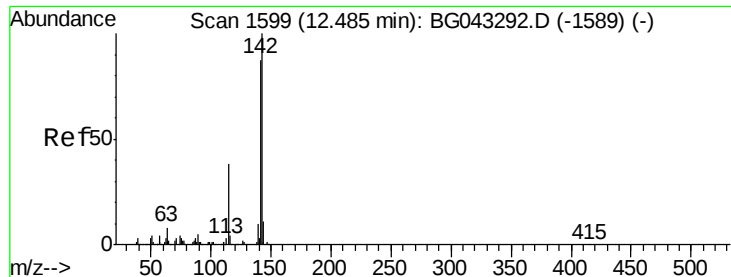
Tot Ion:113 Resp: 40500  
 Ion Ratio Lower Upper  
 113 100  
 55 143.2 134.1 174.1  
 56 125.7 100.4 140.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.432 ng  
 RT: 12.11 min Scan# 1536  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

Tgt Ion:107 Resp: 121239  
 Ion Ratio Lower Upper  
 107 100  
 144 22.5 20.9 31.3  
 142 77.3 59.6 89.4





#37

2-Methylnaphthalene

Concen: 39.144 ng

RT: 12.47 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

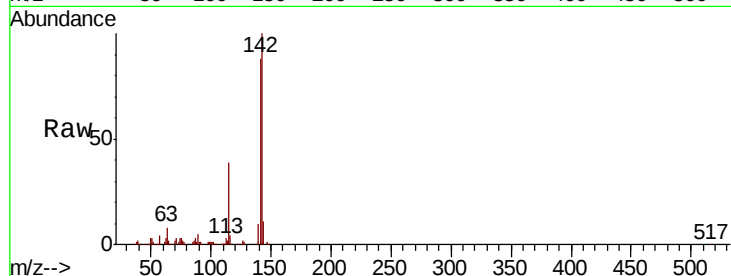
Tot Ion:142 Resp: 262318

Ion Ratio Lower Upper

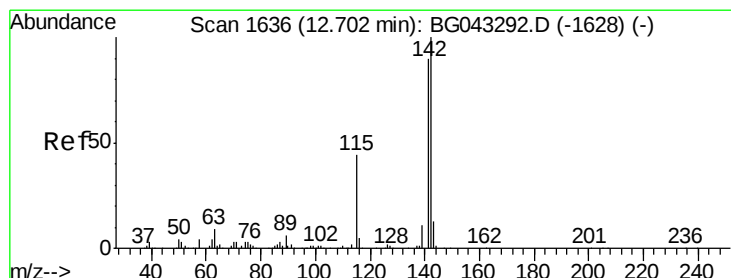
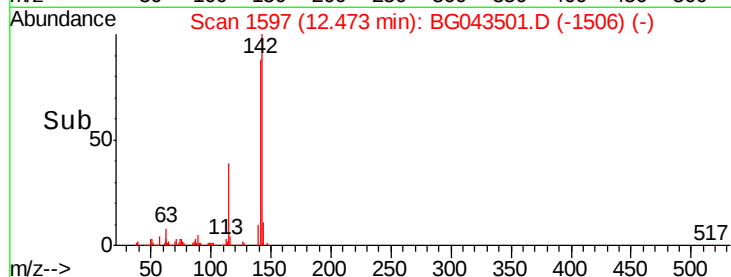
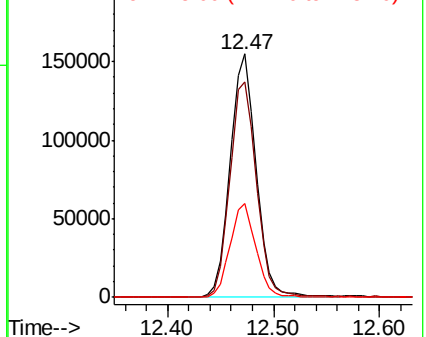
142 100

141 88.3 72.2 108.2

115 38.6 33.2 49.8



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: 38.860 ng

RT: 12.69 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

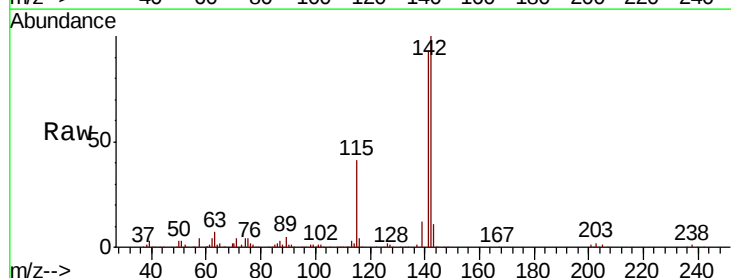
Tgt Ion:142 Resp: 247775

Ion Ratio Lower Upper

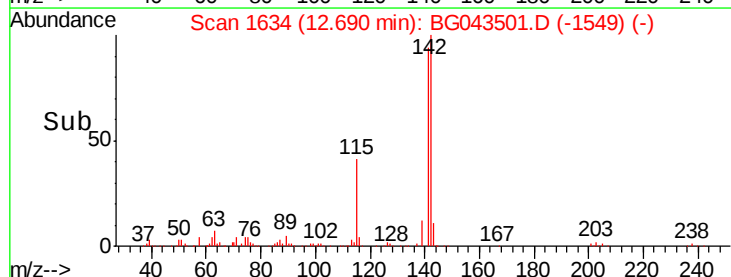
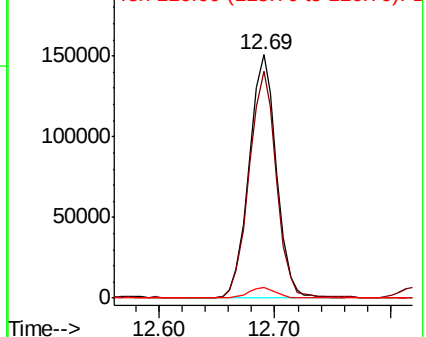
142 100

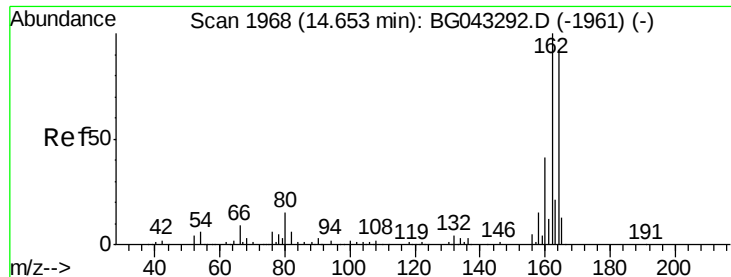
141 93.3 73.2 109.8

116 4.2 3.6 5.4



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: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

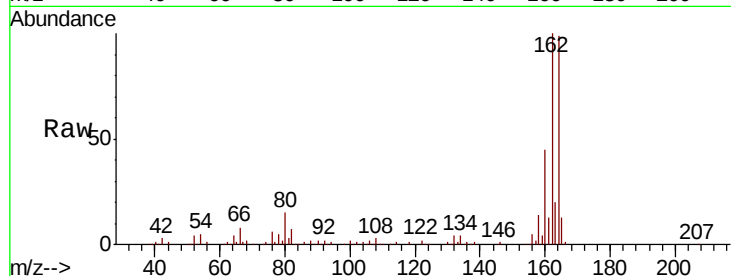
Tot Ion:164 Resp: 122246

Ion Ratio Lower Upper

164 100

162 101.3 83.5 125.3

160 46.1 36.5 54.7

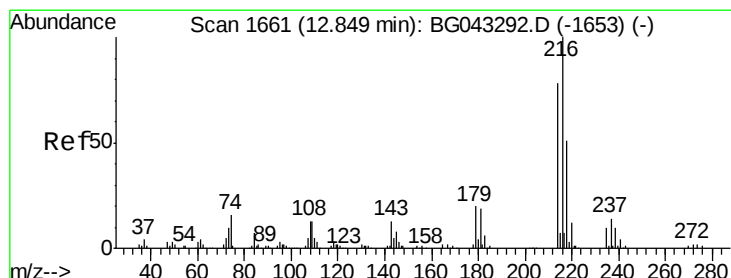
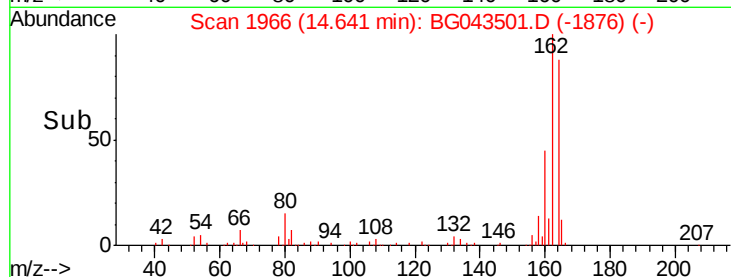
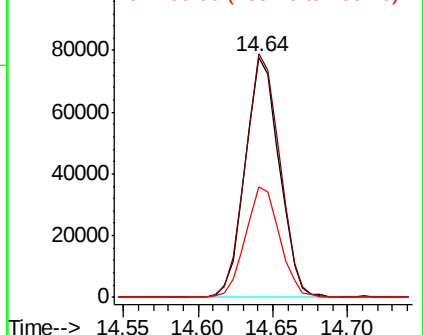


Abundance

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: 40.191 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Tgt Ion:216 Resp: 181831

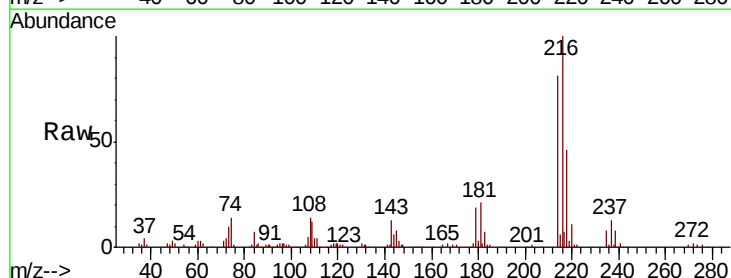
Ion Ratio Lower Upper

216 100

214 78.2 61.7 92.5

179 19.1 15.8 23.8

108 14.4 11.5 17.3



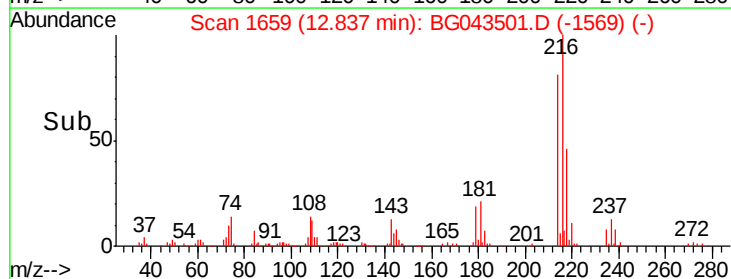
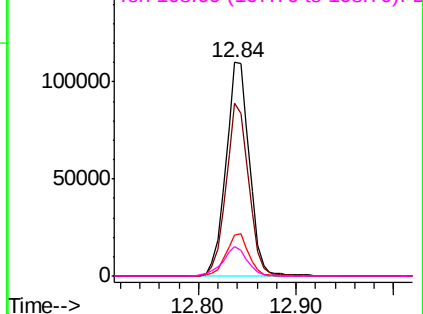
Abundance

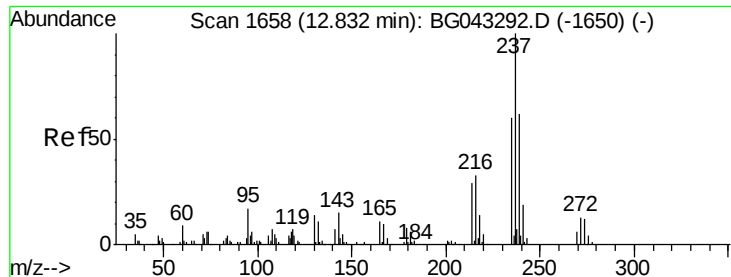
Ion 216.00 (215.70 to 216.70): E

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: 40.755 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

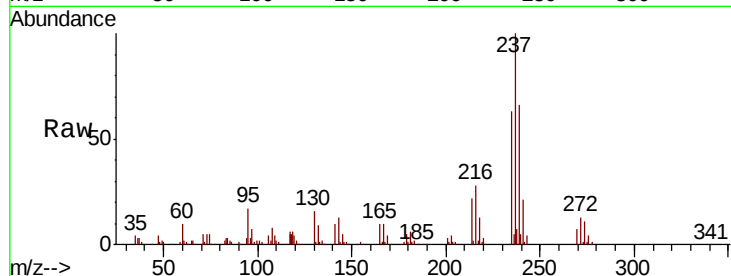
Tot Ion:237 Resp: 96856

Ion Ratio Lower Upper

237 100

235 63.2 41.6 81.6

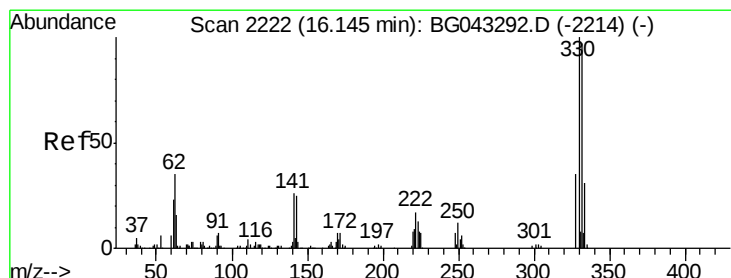
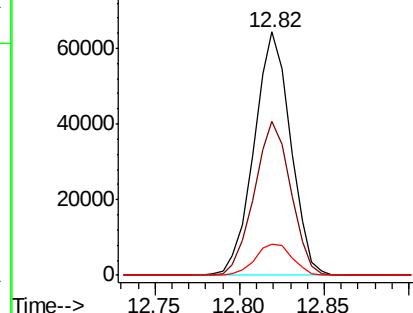
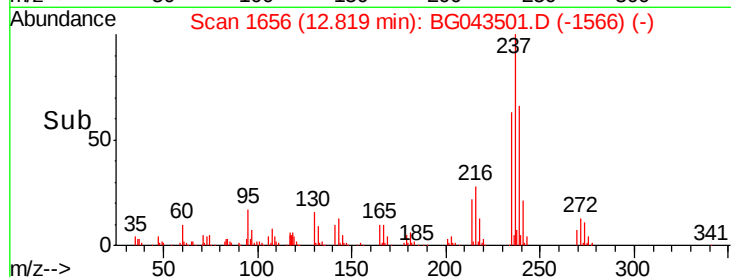
272 12.9 0.0 32.5



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: 79.886 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

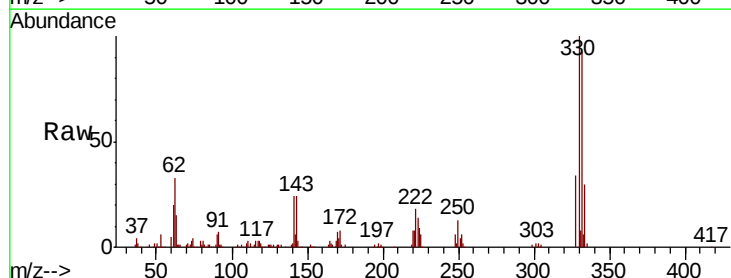
Tgt Ion:330 Resp: 185842

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

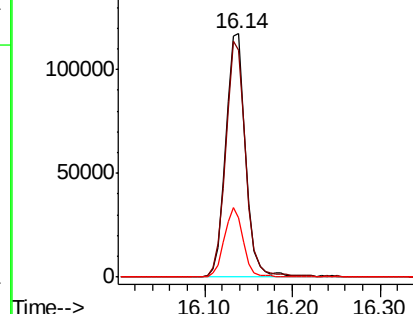
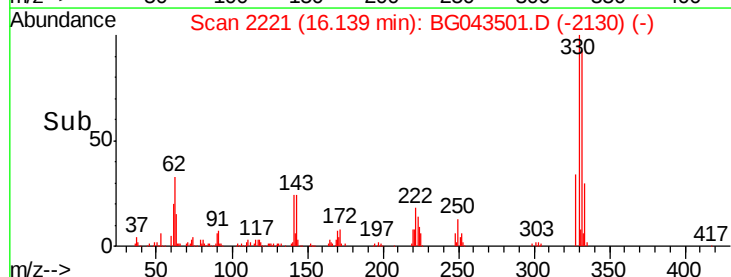
141 27.3 22.8 34.2



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

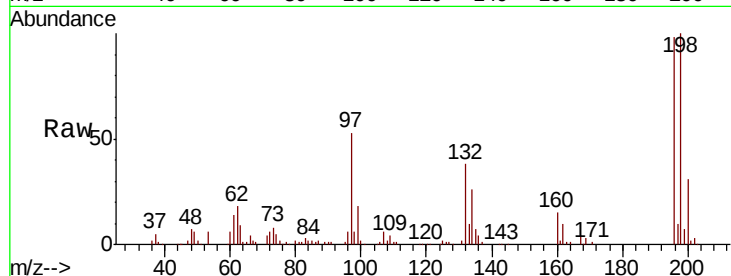




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.138 ng  
 RT: 13.08 min Scan# 1701  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion   | 196   | Resp  | 106939 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 101.8 | 75.8  | 113.6  |
| 200       | 31.7  | 23.9  | 35.9   |

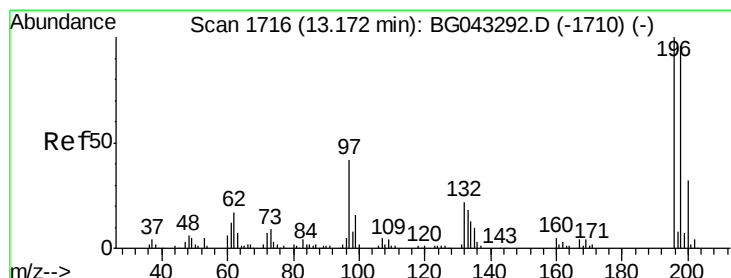
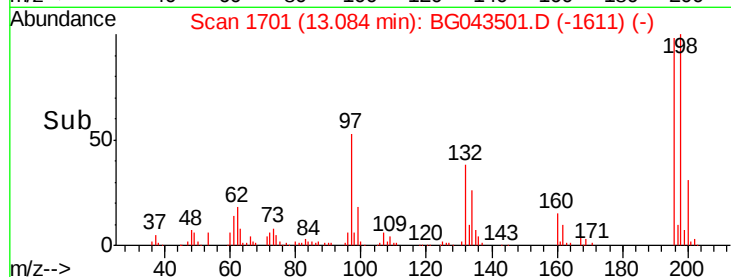
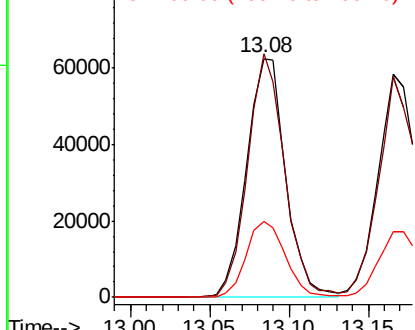


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.852 ng  
 RT: 13.17 min Scan# 1715  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

| Tgt Ion   | 196   | Resp  | 107344 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 98.8  | 74.5  | 111.7  |
| 97        | 43.6  | 36.3  | 54.5   |
| 132       | 22.2  | 17.4  | 26.2   |

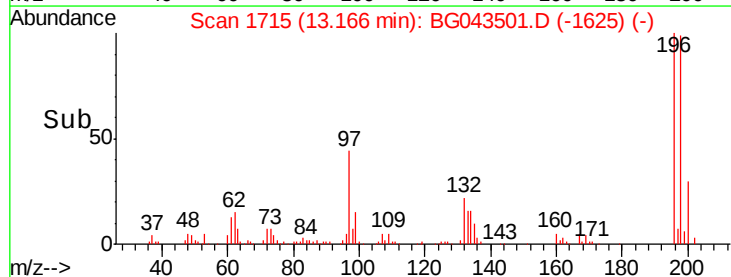
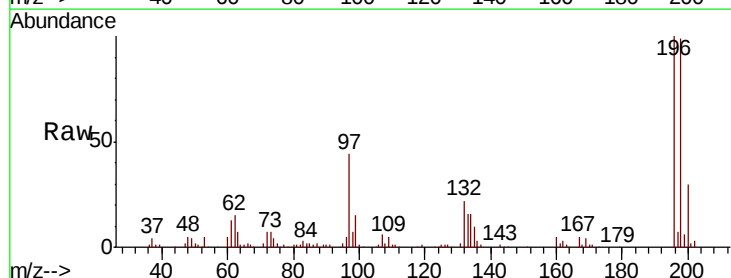
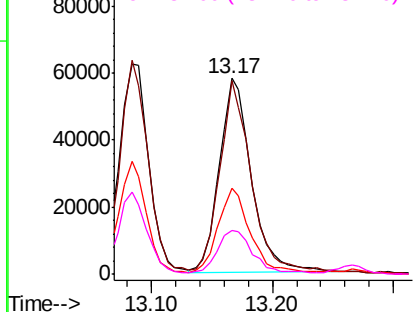
Abundance

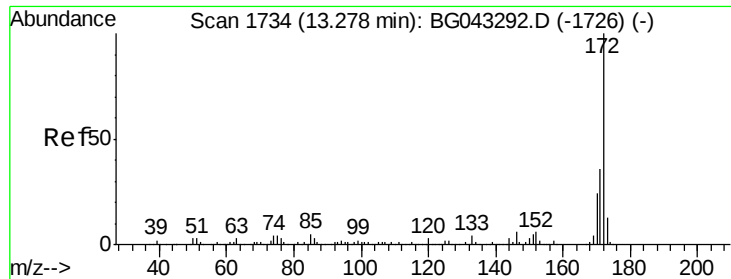
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

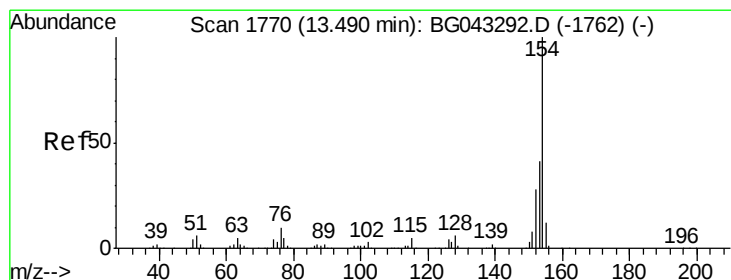
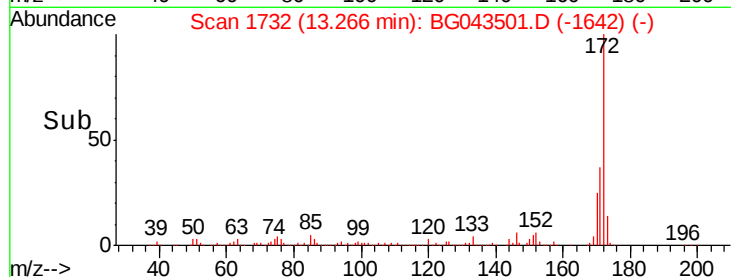
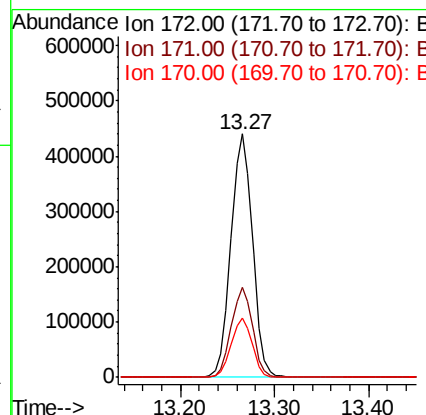
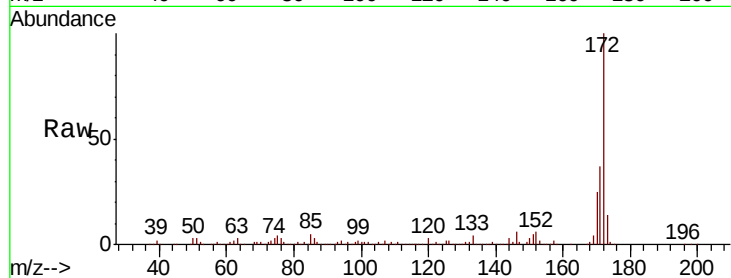




#45  
2-Fluorobiphenyl  
Concen: 79.359 ng  
RT: 13.27 min Scan# 1732  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

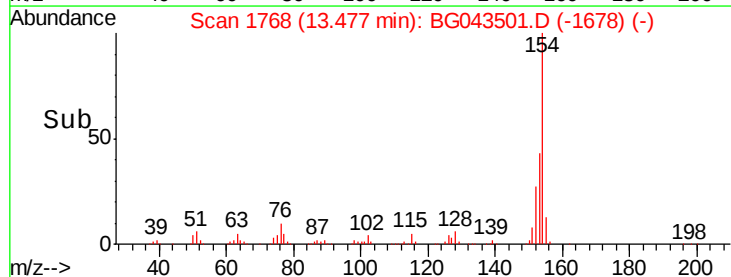
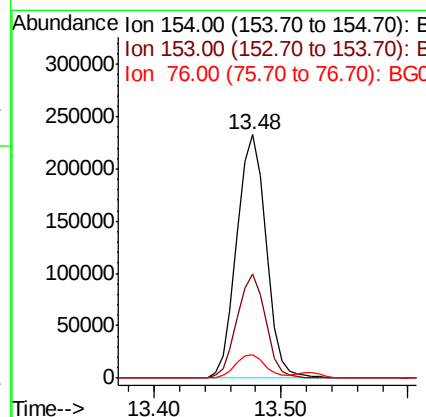
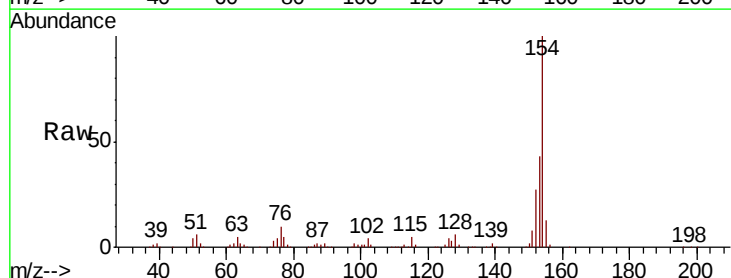
Instrument :  
BNA\_G  
ClientSampled :

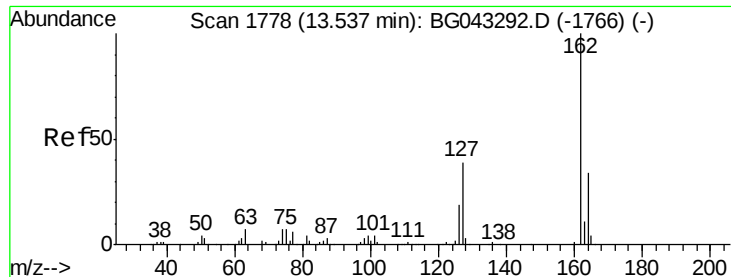
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.2  | 28.9  | 43.3  |
| 170     | 24.6  | 18.5  | 27.7  |



#46  
1,1'-Biphenyl  
Concen: 40.078 ng  
RT: 13.48 min Scan# 1768  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.8  | 19.9  | 59.9  |
| 76      | 9.6   | 0.0   | 29.4  |

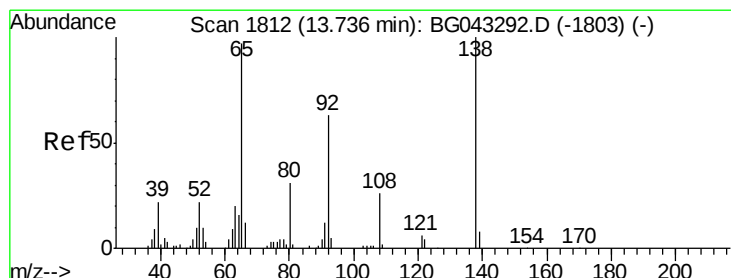
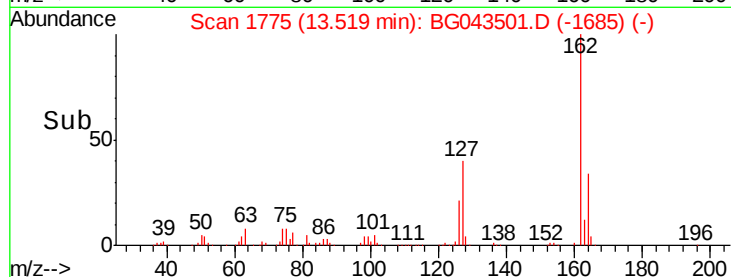
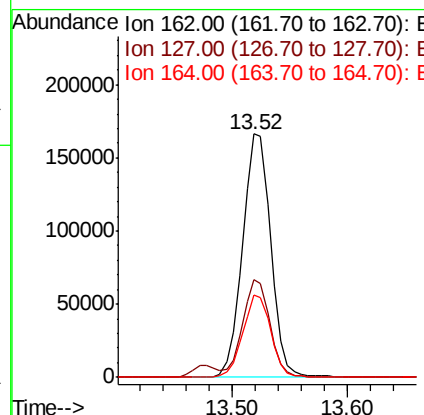
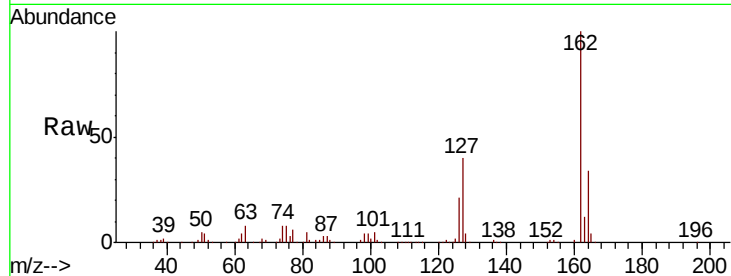




#47  
2-Chloronaphthalene  
Concen: 39.680 ng  
RT: 13.52 min Scan# 1775  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

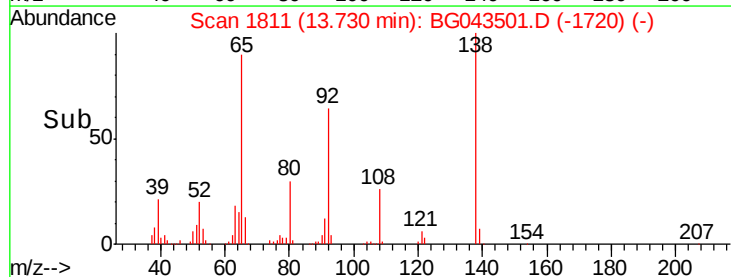
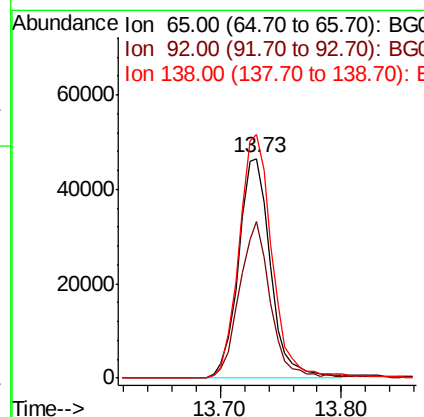
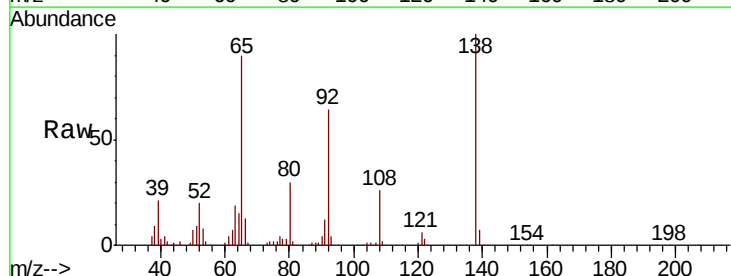
Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.1  | 31.2  | 46.8  |
| 164     | 33.6  | 25.8  | 38.8  |



#48  
2-Nitroaniline  
Concen: 40.822 ng  
RT: 13.73 min Scan# 1811  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.5  | 56.2  | 84.2  |
| 138     | 110.9 | 82.6  | 123.8 |





#49

Acenaphthylene

Concen: 39.891 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

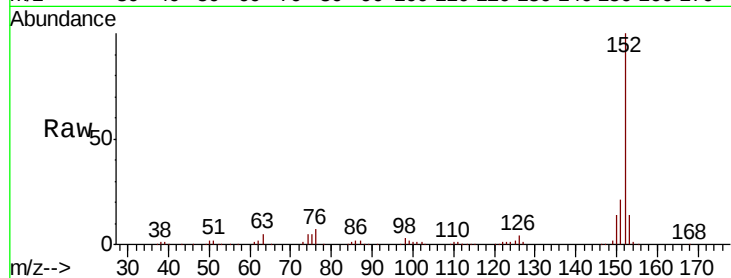
Tot Ion:152 Resp: 439307

Ion Ratio Lower Upper

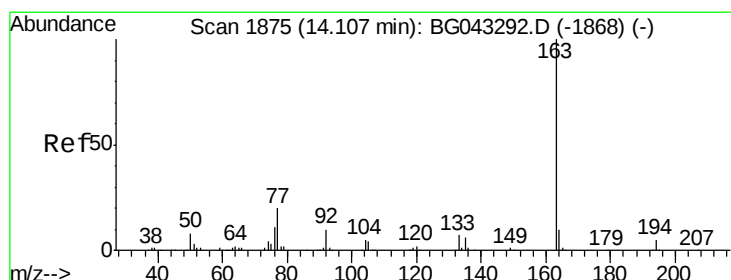
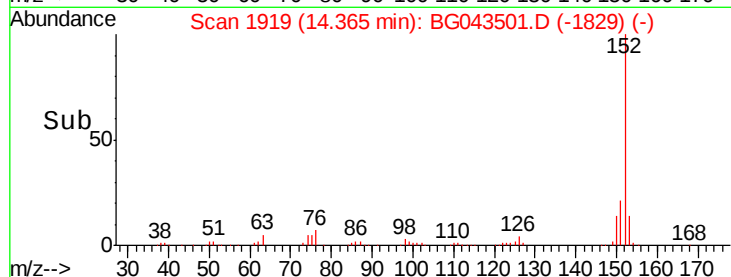
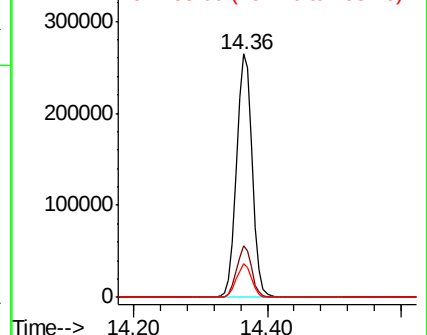
152 100

151 21.0 16.2 24.4

153 13.6 10.6 15.8



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: 40.092 ng

RT: 14.10 min Scan# 1874

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

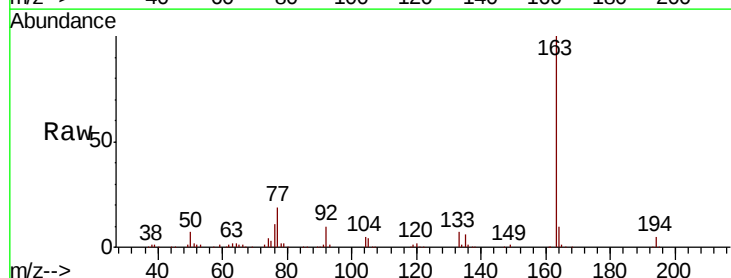
Tgt Ion:163 Resp: 379627

Ion Ratio Lower Upper

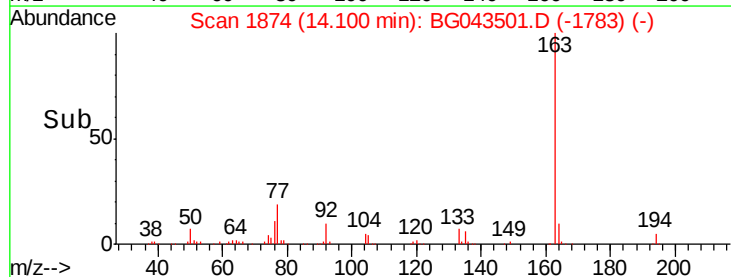
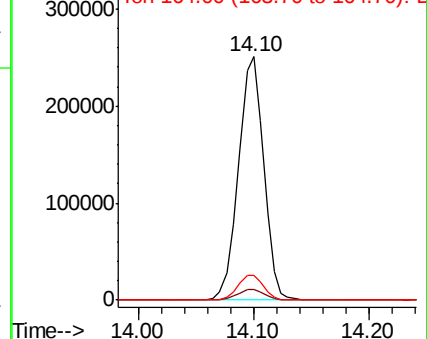
163 100

194 4.6 3.8 5.6

164 10.0 8.9 13.3



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

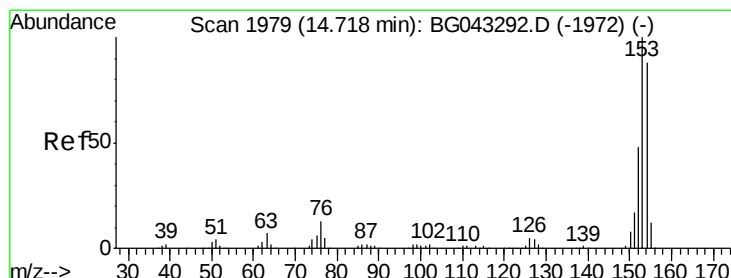
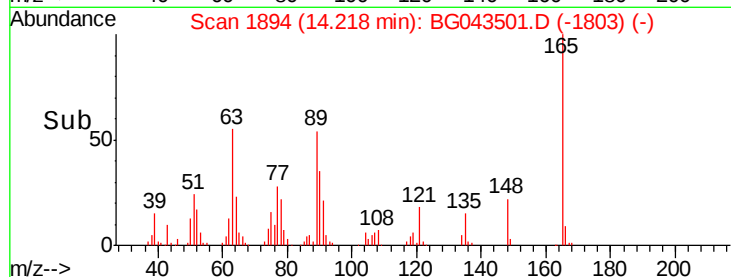
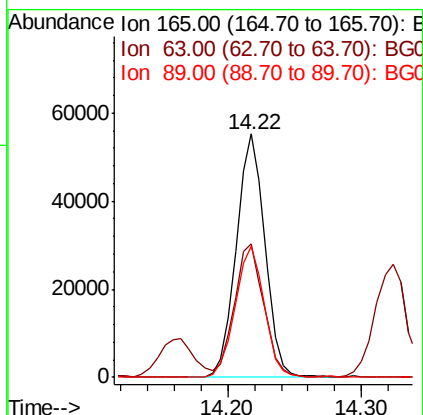
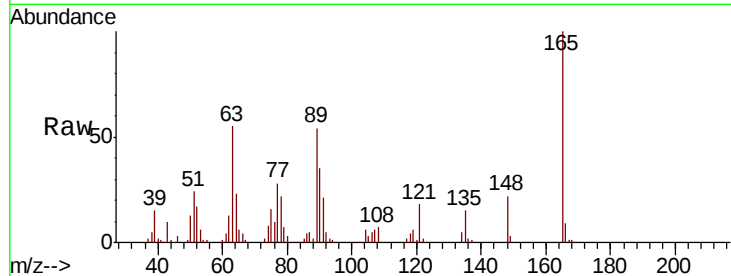




#51  
 2,6-Dinitrotoluene  
 Concen: 39.792 ng  
 RT: 14.22 min Scan# 1894  
 Delta R.T. 0.01 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

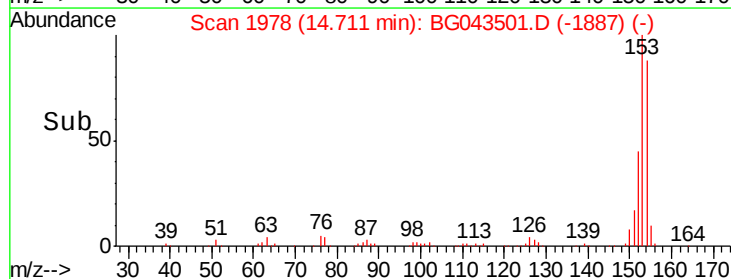
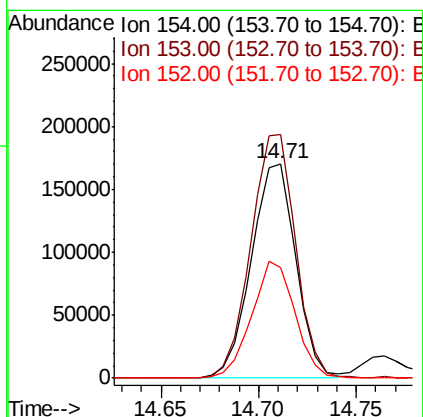
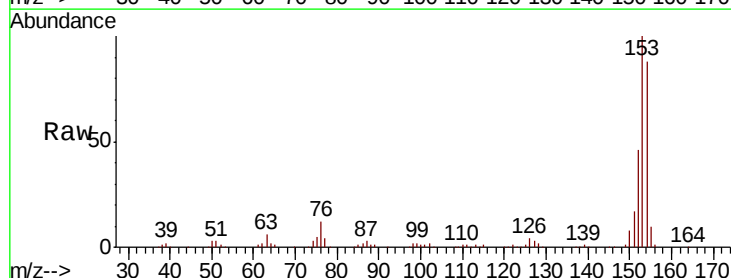
Instrument :  
 BNA\_G  
 ClientSampled :

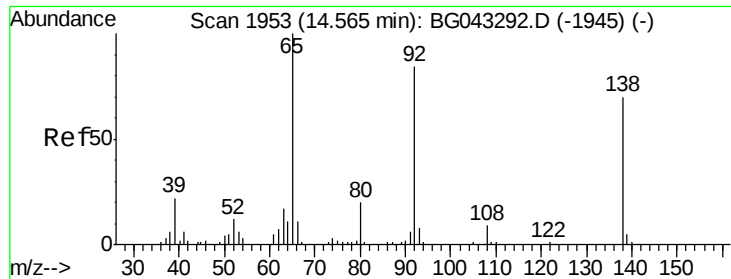
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 55.0  | 46.6  | 69.8  |
| 89      | 54.0  | 45.1  | 67.7  |



#52  
 Acenaphthene  
 Concen: 40.274 ng  
 RT: 14.71 min Scan# 1978  
 Delta R.T. 0.01 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.6 | 88.2  | 132.2 |
| 152     | 51.8  | 40.0  | 60.0  |





#53

3-Nitroaniline

Concen: 42.420 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

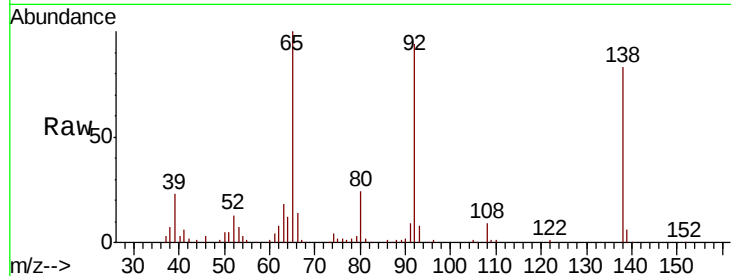
Tot Ion:138 Resp: 84250

Ion Ratio Lower Upper

138 100

108 11.0 8.0 12.0

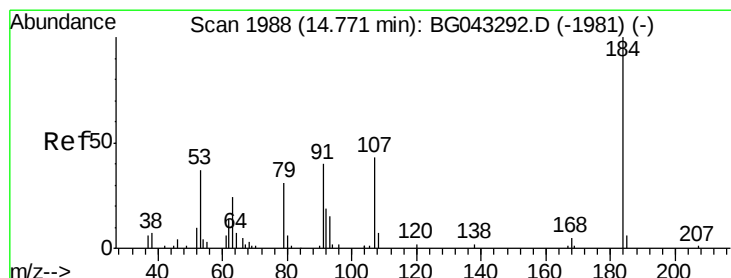
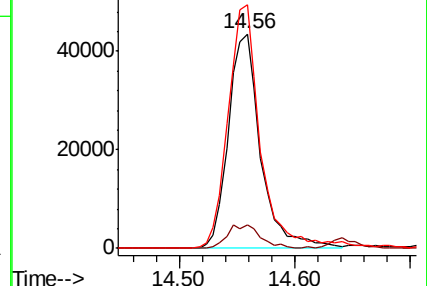
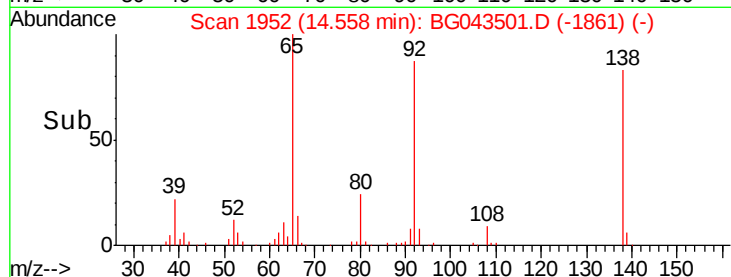
92 113.6 90.9 136.3



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: 42.326 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

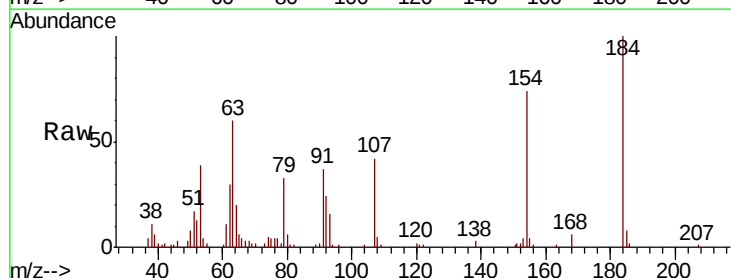
Tgt Ion:184 Resp: 49523

Ion Ratio Lower Upper

184 100

63 60.1 51.3 76.9

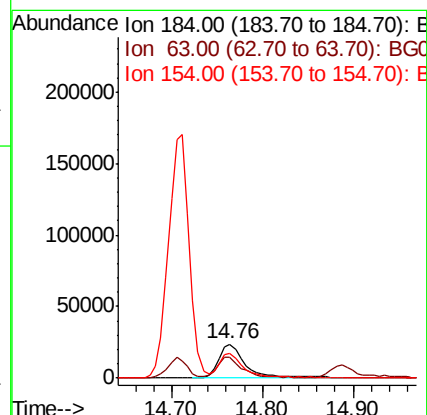
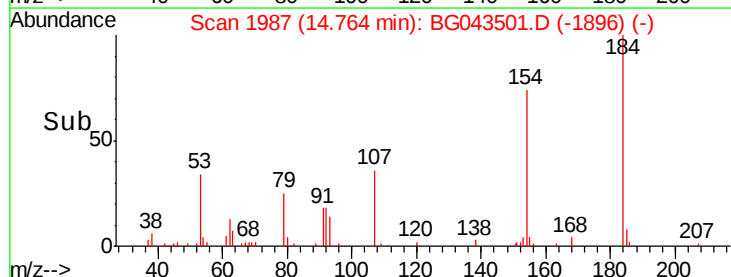
154 74.3 55.4 83.0

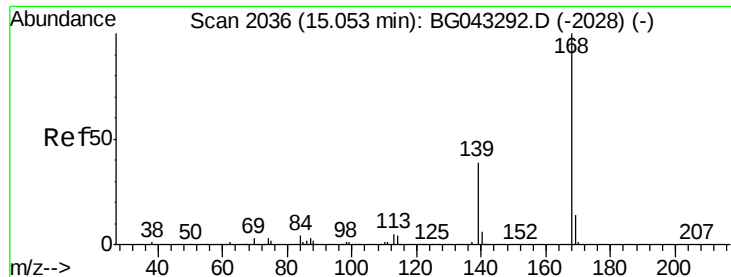


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

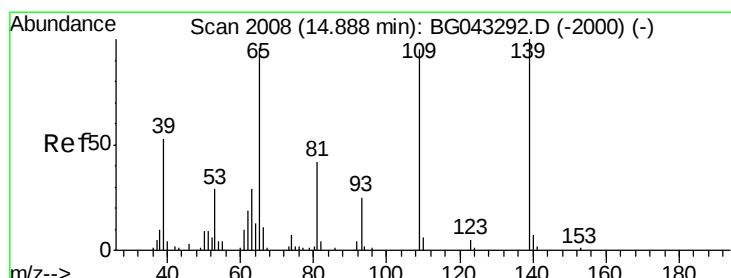
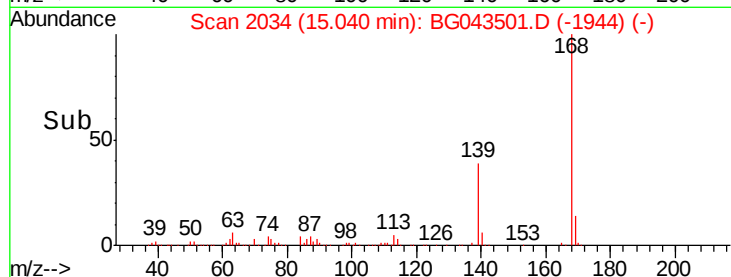
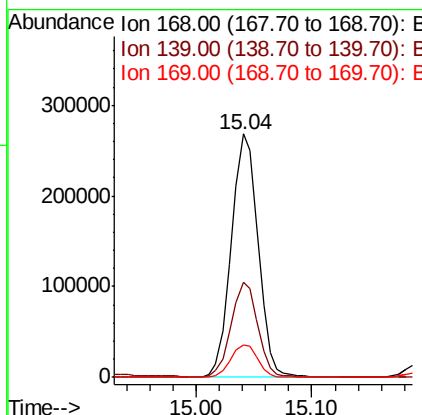
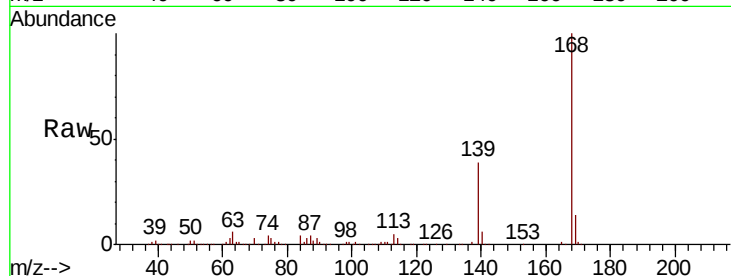




#55  
Dibenzofuran  
Concen: 39.604 ng  
RT: 15.04 min Scan# 2034  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

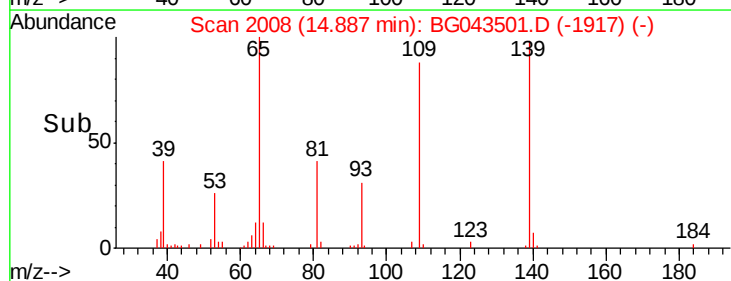
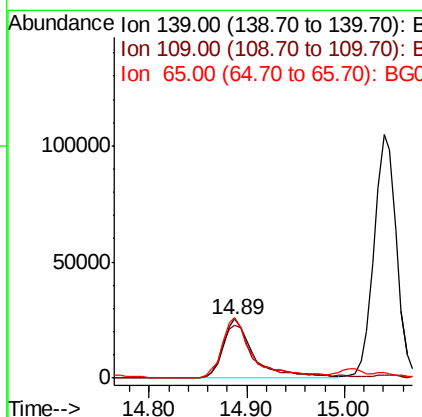
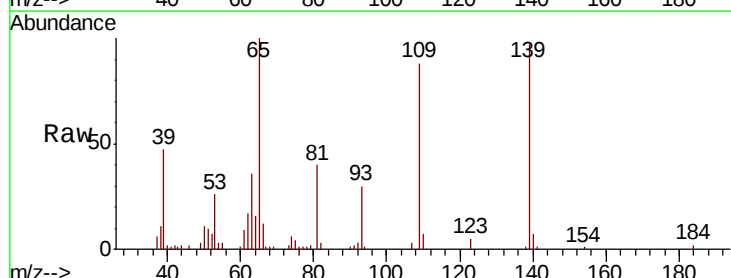
Instrument :  
BNA\_G  
ClientSampleId :

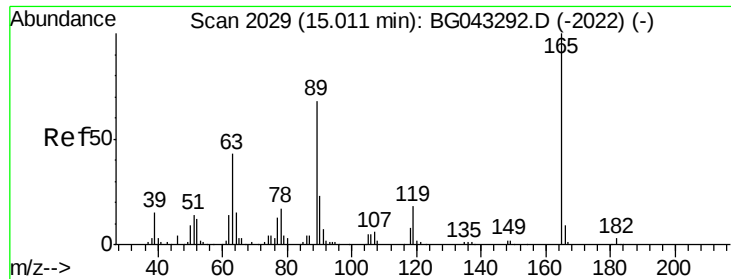
Tot Ion:168 Resp: 431324  
Ion Ratio Lower Upper  
168 100  
139 39.1 31.0 46.6  
169 13.6 11.7 17.5



#56  
4-Nitrophenol  
Concen: 41.922 ng  
RT: 14.89 min Scan# 2008  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Tgt Ion:139 Resp: 55795  
Ion Ratio Lower Upper  
139 100  
109 90.8 87.2 127.2  
65 103.1 83.8 123.8

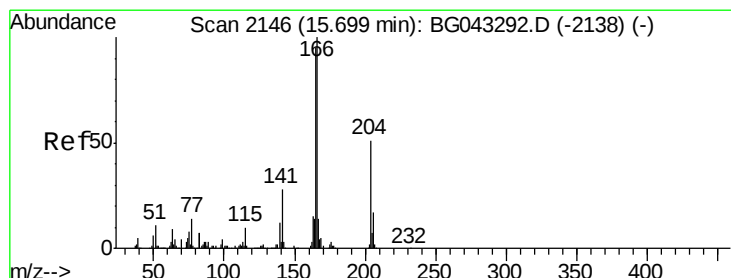
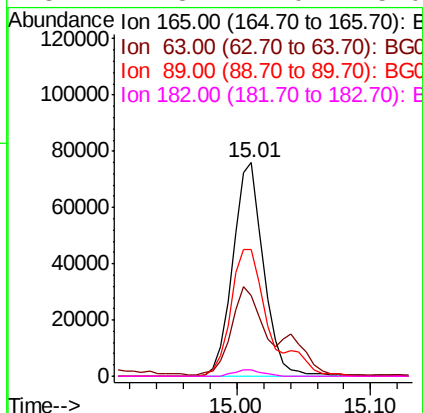
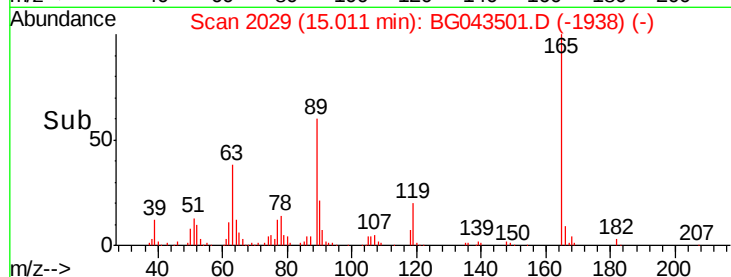
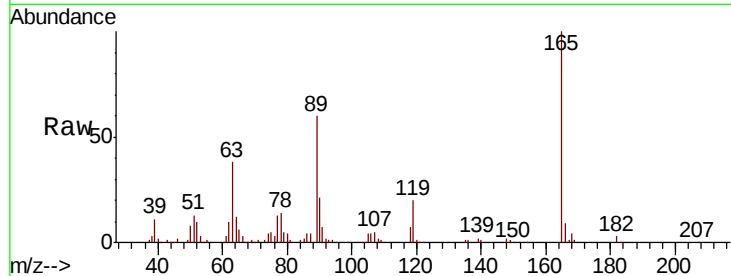




#57  
 2,4-Dinitrotoluene  
 Concen: 41.199 ng  
 RT: 15.01 min Scan# 2029  
 Delta R.T. 0.01 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

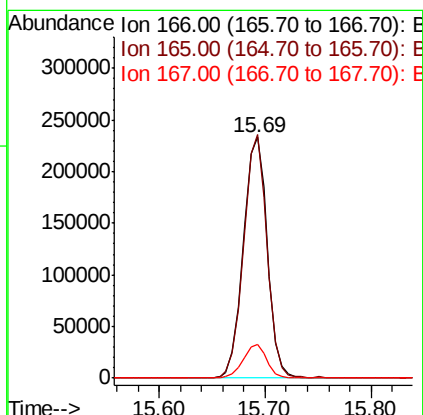
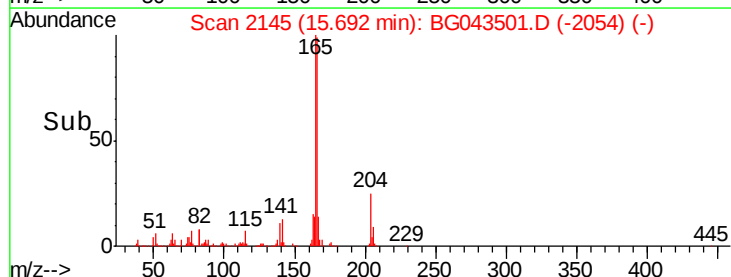
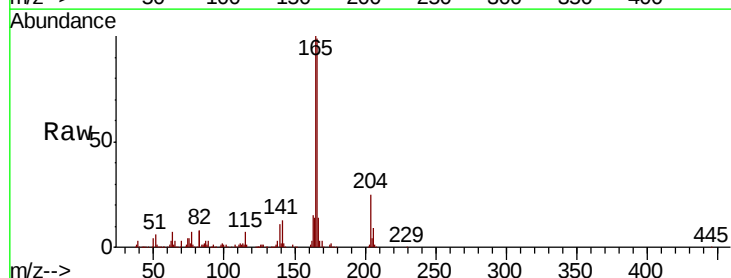
Instrument :  
 BNA\_G  
 ClientSampleId :

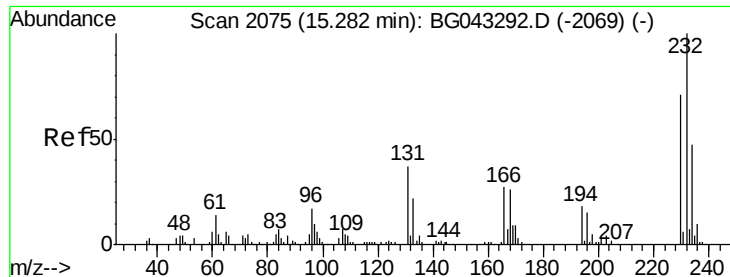
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 121117    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 37.9  | 33.2 49.8 |
| 89          | 59.6  | 52.2 78.4 |
| 182         | 2.8   | 2.0 3.0   |



#58  
 Fluorene  
 Concen: 40.114 ng  
 RT: 15.69 min Scan# 2146  
 Delta R.T. 0.01 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 366414     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 101.1 | 79.0 118.6 |
| 167         | 14.0  | 10.5 15.7  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.695 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.08 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampled :

Tot Ion:232 Resp: 107874

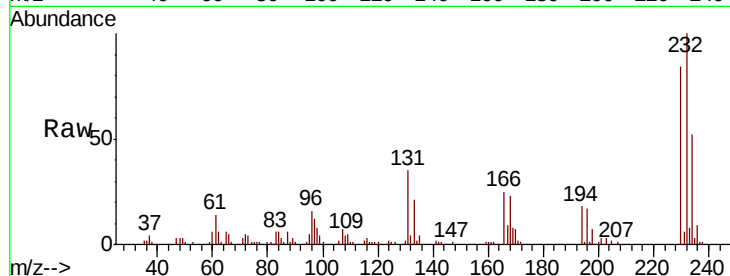
Ion Ratio Lower Upper

232 100

131 32.8 26.9 40.3

130 1.8 1.8 2.6

166 22.8 20.9 31.3

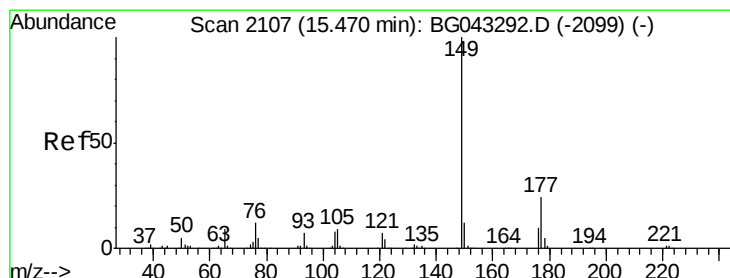
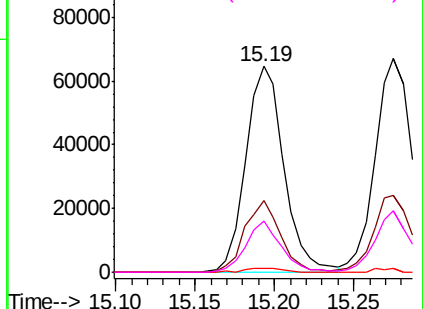
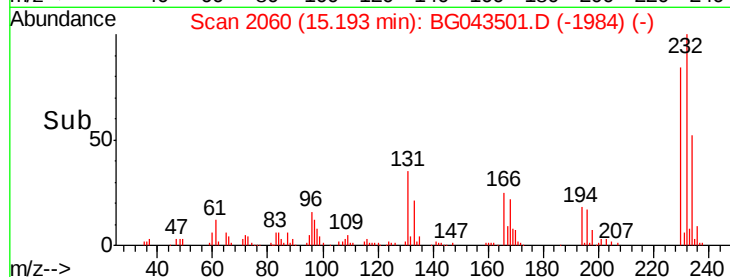


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.835 ng

RT: 15.46 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

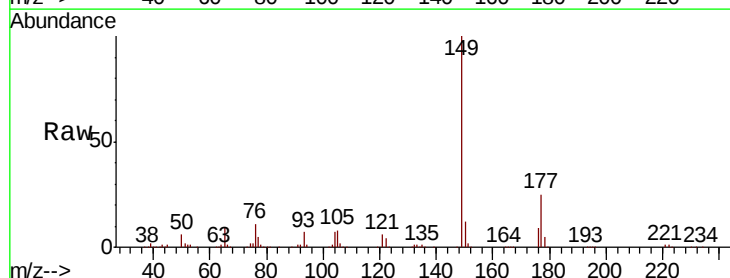
Tgt Ion:149 Resp: 378998

Ion Ratio Lower Upper

149 100

177 24.6 19.6 29.4

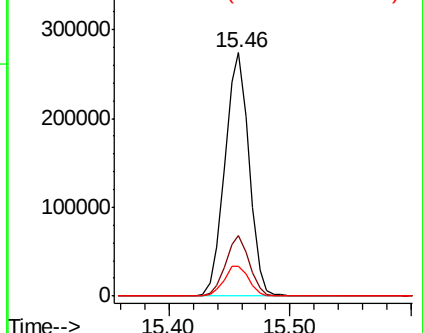
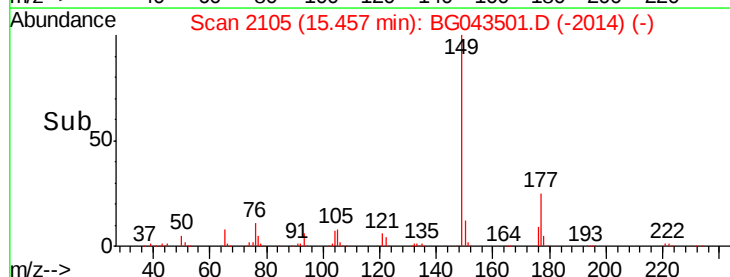
150 12.4 10.8 16.2

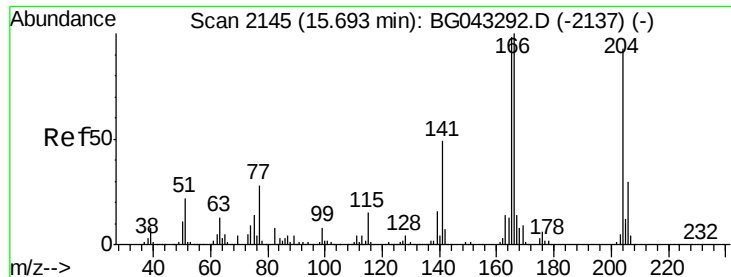


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

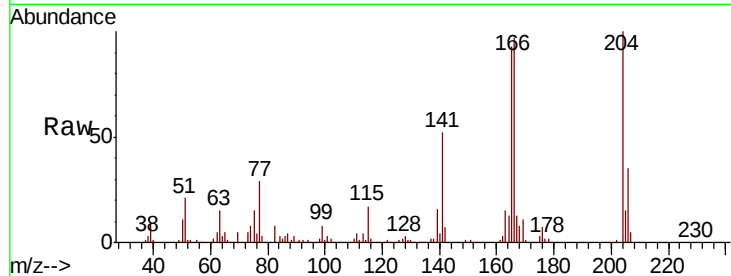




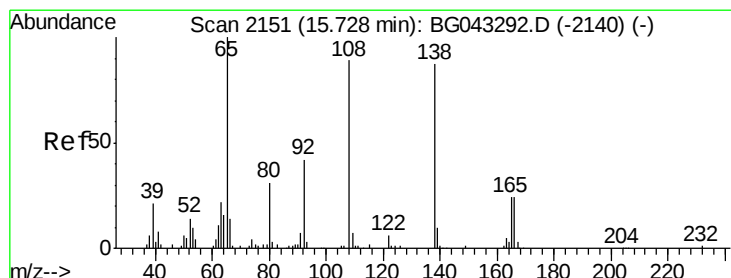
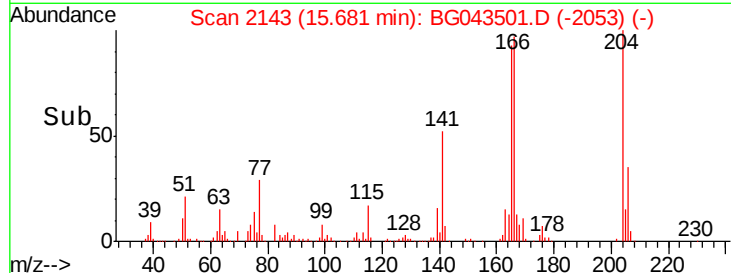
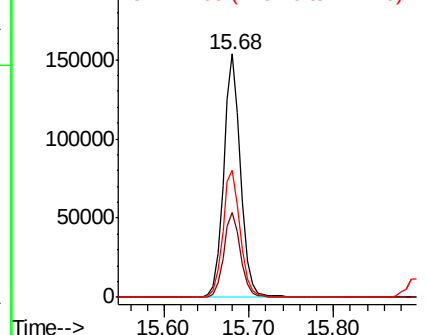
#61  
4-Chlorophenyl-phenylether  
Concen: 39.963 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:204 Resp: 212952  
Ion Ratio Lower Upper  
204 100  
206 35.0 28.4 42.6  
141 52.1 43.0 64.6

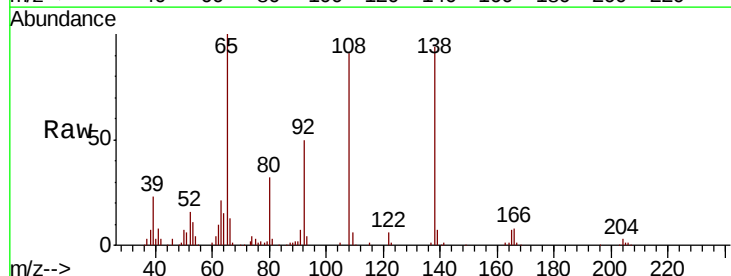


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

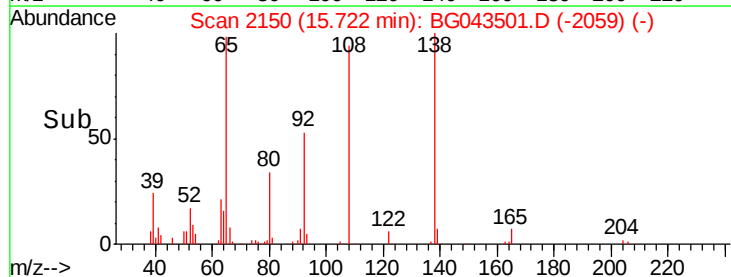
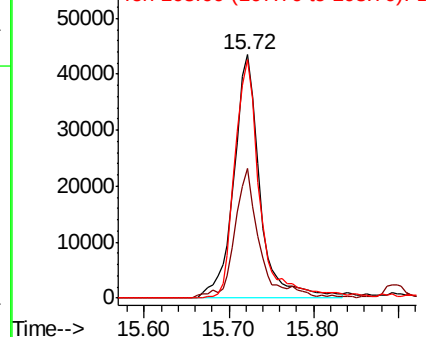


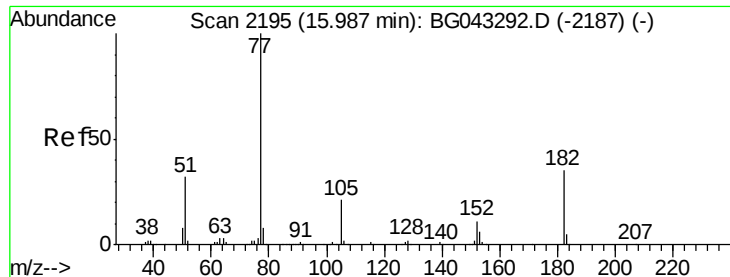
#62  
4-Nitroaniline  
Concen: 44.916 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Tgt Ion:138 Resp: 92128  
Ion Ratio Lower Upper  
138 100  
92 53.1 33.4 73.4  
108 97.7 78.0 118.0



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E

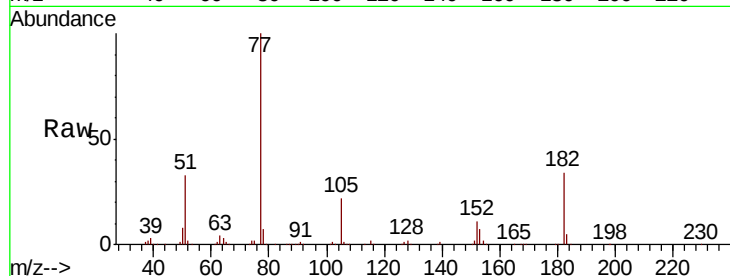




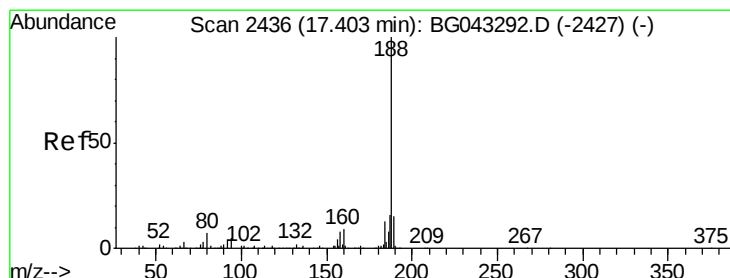
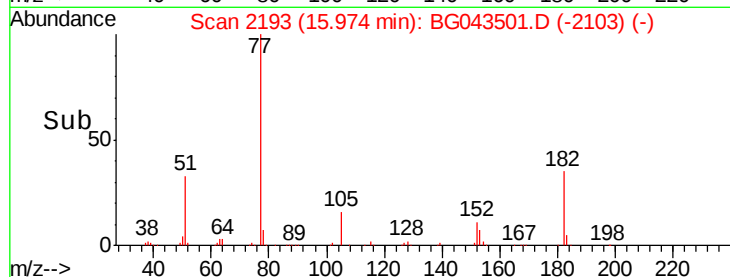
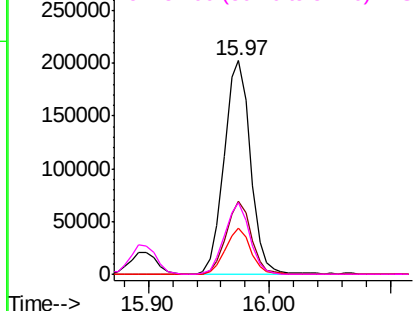
#63  
Azobenzene  
Concen: 39.576 ng  
RT: 15.97 min Scan# 2193  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 304736 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 33.9  | 13.7  | 53.7   |
| 105      | 21.6  | 0.4   | 40.4   |
| 51       | 33.5  | 11.0  | 51.0   |

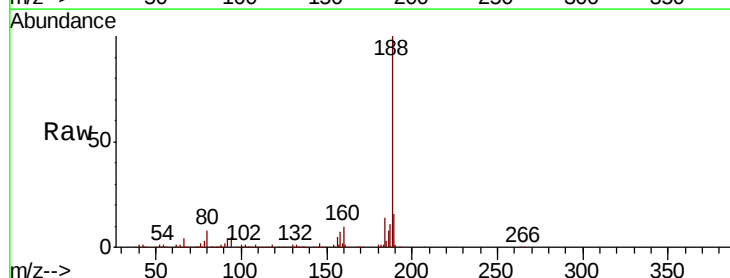


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BGC

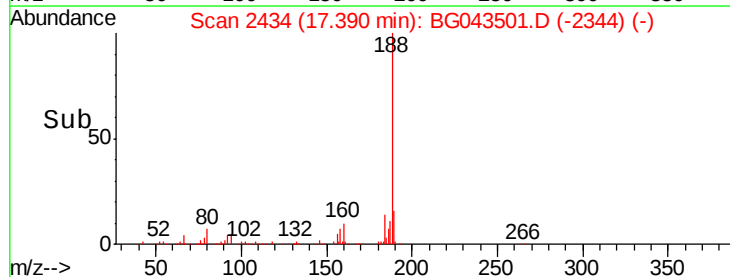
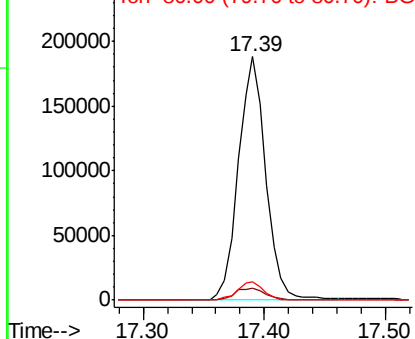


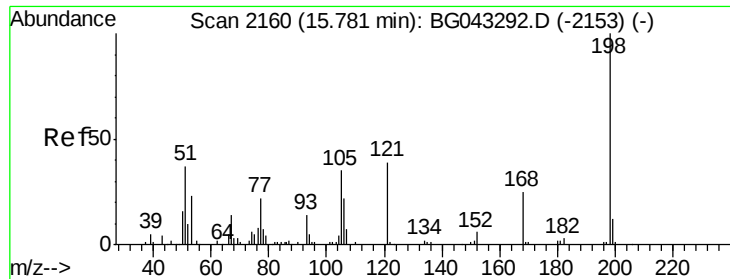
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.39 min Scan# 2434  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 296379 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 5.0   | 4.2   | 6.4    |
| 80       | 7.6   | 4.5   | 6.7#   |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

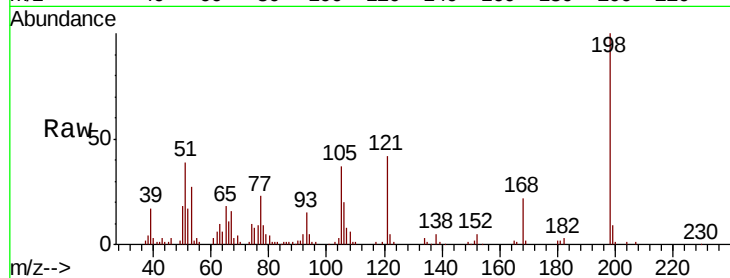




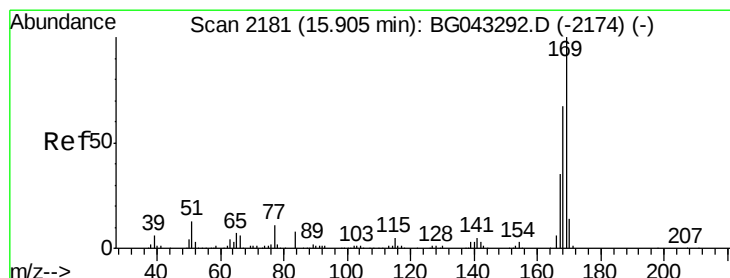
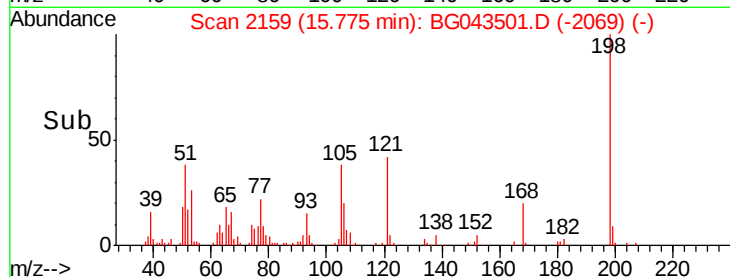
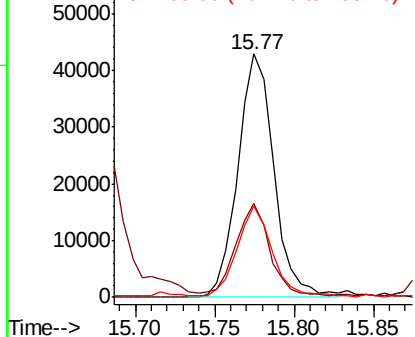
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.890 ng  
RT: 15.77 min Scan# 2159  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:198 Resp: 67832  
Ion Ratio Lower Upper  
198 100  
51 38.6 13.2 53.2  
105 37.4 15.8 55.8

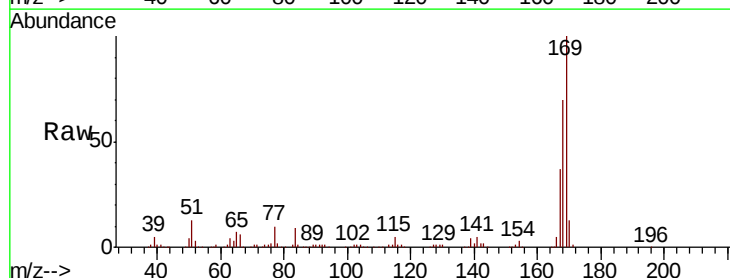


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E

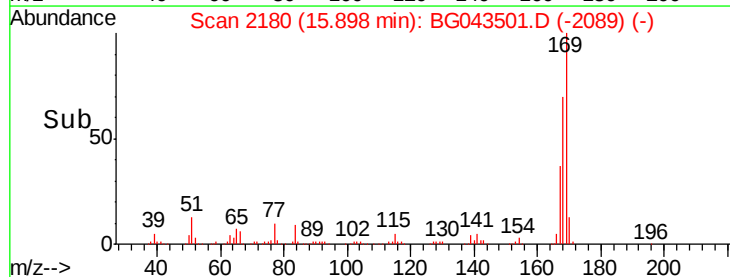
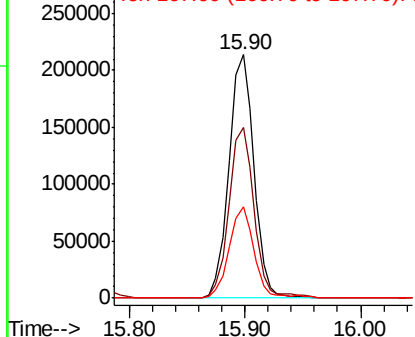


#66  
n-Nitrosodiphenylamine  
Concen: 38.315 ng  
RT: 15.90 min Scan# 2180  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Tgt Ion:169 Resp: 320604  
Ion Ratio Lower Upper  
169 100  
168 70.3 53.8 80.6  
167 37.3 27.5 41.3



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

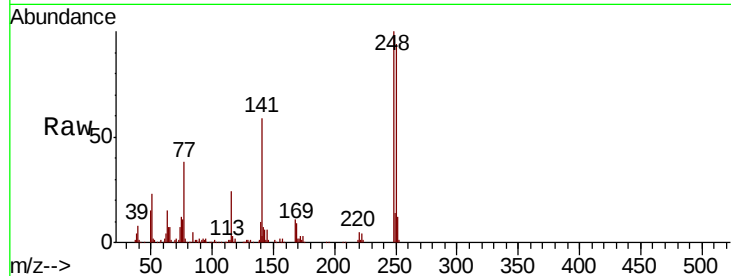




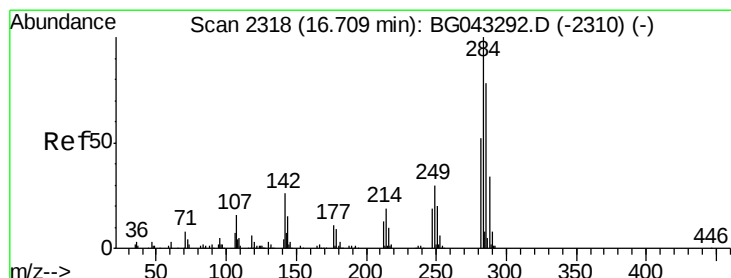
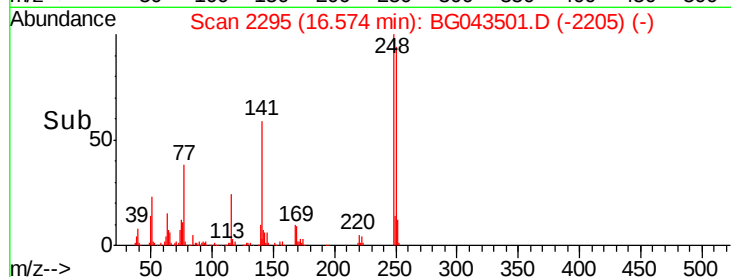
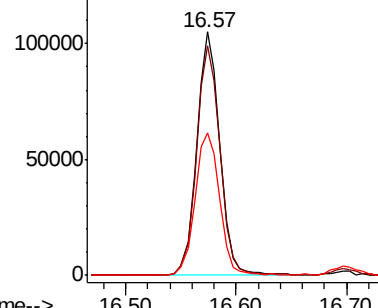
#67  
4-Bromophenyl-phenylether  
Concen: 38.403 ng  
RT: 16.57 min Scan# 2295  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.4  | 77.0  | 115.4 |
| 141     | 58.7  | 47.5  | 71.3  |

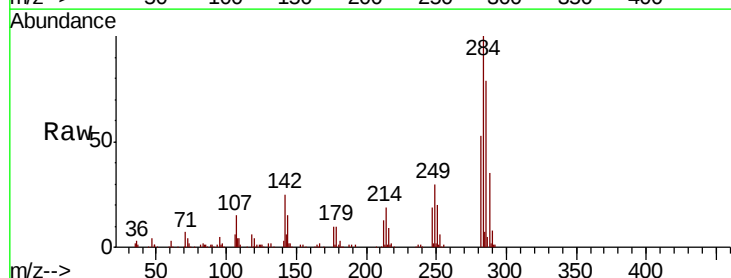


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

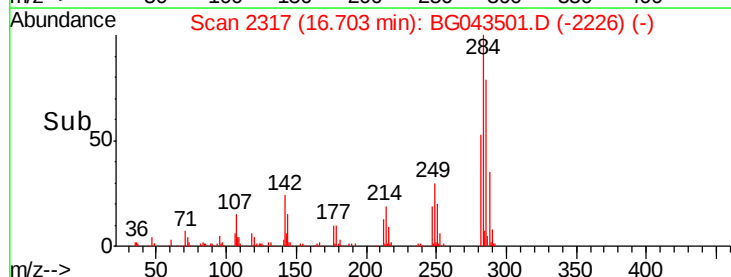
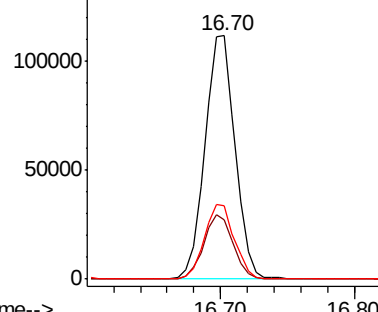


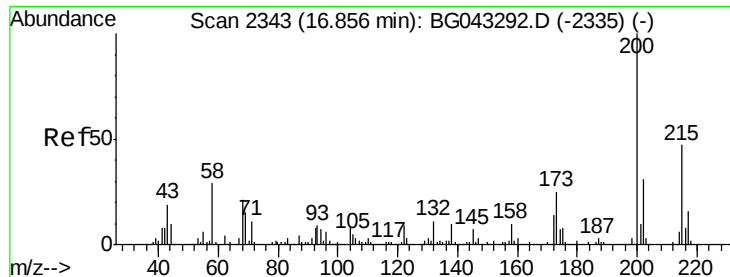
#68  
Hexachlorobenzene  
Concen: 38.191 ng  
RT: 16.70 min Scan# 2317  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 24.6  | 19.8  | 29.8  |
| 249     | 30.1  | 23.8  | 35.6  |



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

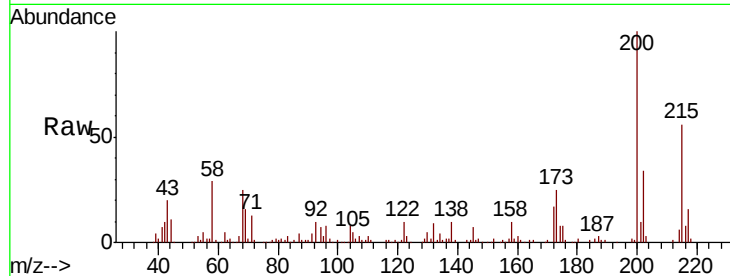




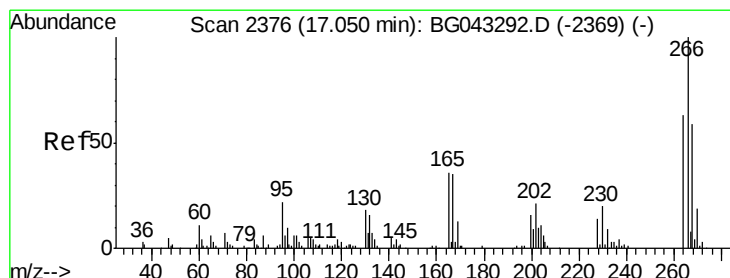
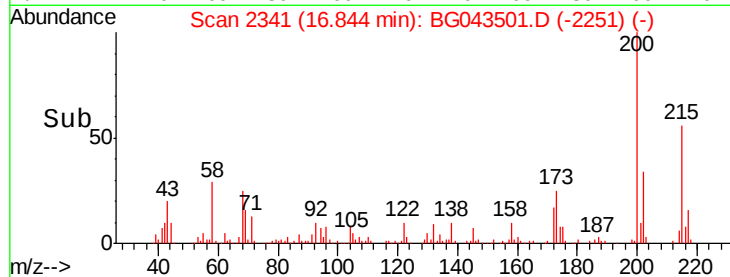
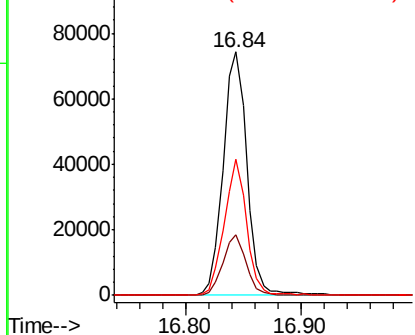
#69  
Atrazine  
Concen: 36.525 ng  
RT: 16.84 min Scan# 2341  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:200 Resp: 106199  
Ion Ratio Lower Upper  
200 100  
173 25.1 4.7 44.7  
215 55.9 28.5 68.5

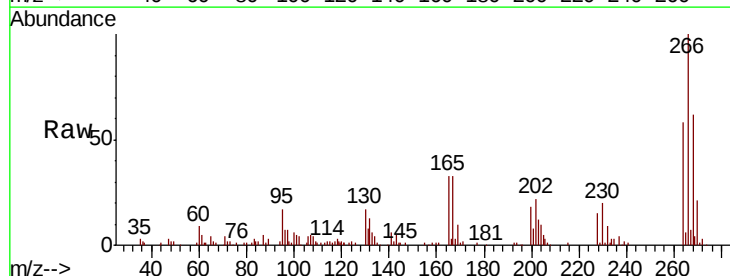


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

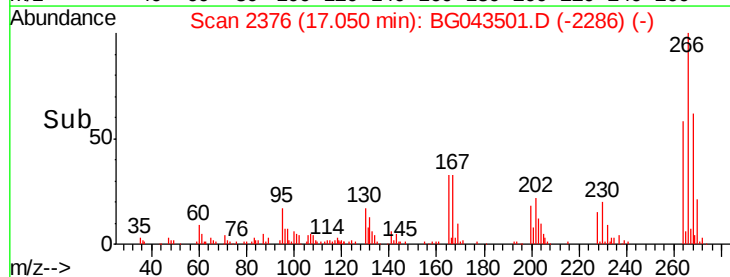
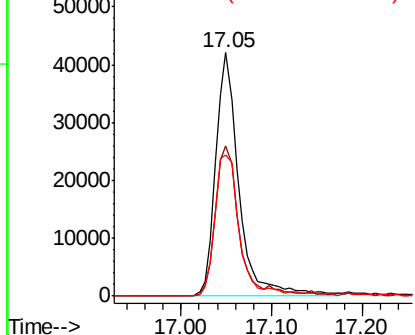


#70  
Pentachlorophenol  
Concen: 35.814 ng  
RT: 17.05 min Scan# 2376  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Tgt Ion:266 Resp: 74715  
Ion Ratio Lower Upper  
266 100  
268 61.5 50.4 75.6  
264 57.9 48.9 73.3



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E

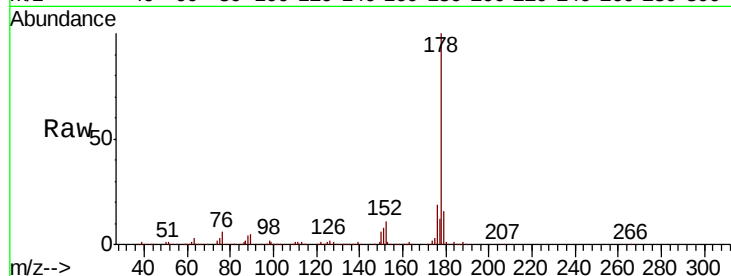




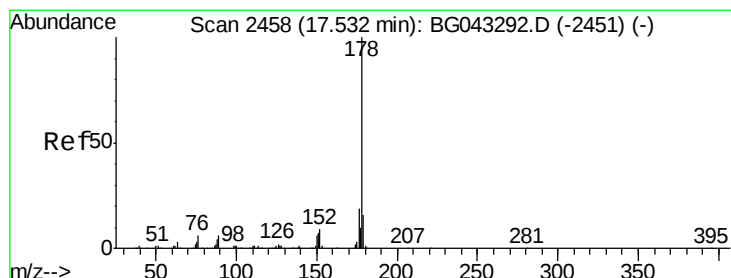
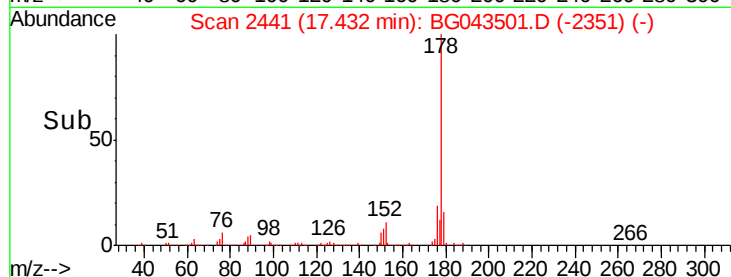
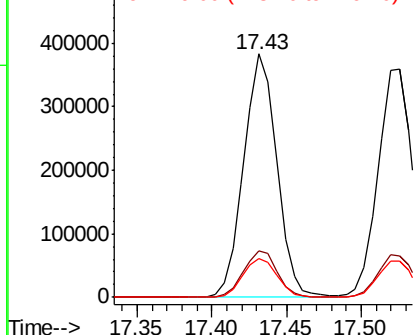
#71  
Phenanthrene  
Concen: 38.810 ng  
RT: 17.43 min Scan# 2441  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:178 Resp: 589020  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.9 13.0 19.6

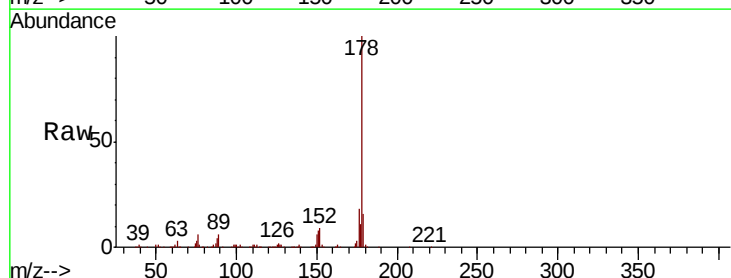


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

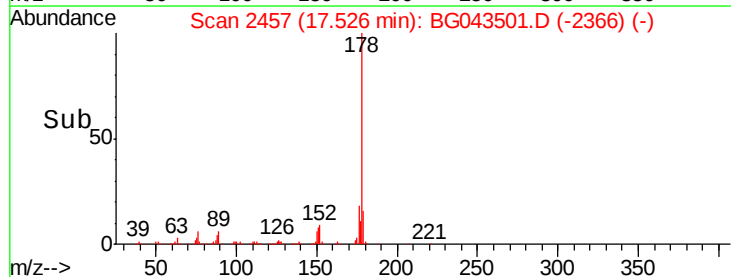
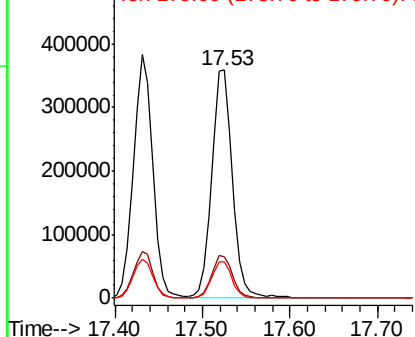


#72  
Anthracene  
Concen: 39.002 ng  
RT: 17.53 min Scan# 2457  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Tgt Ion:178 Resp: 592236  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.5 23.3  
179 16.2 13.7 20.5



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

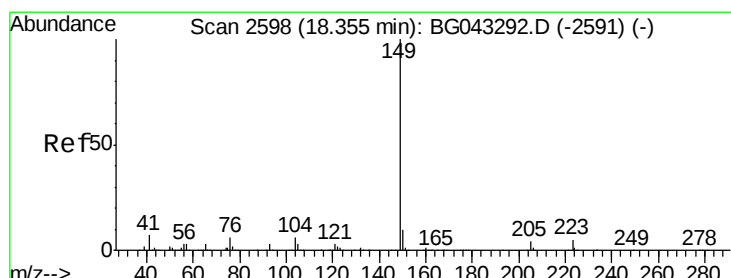
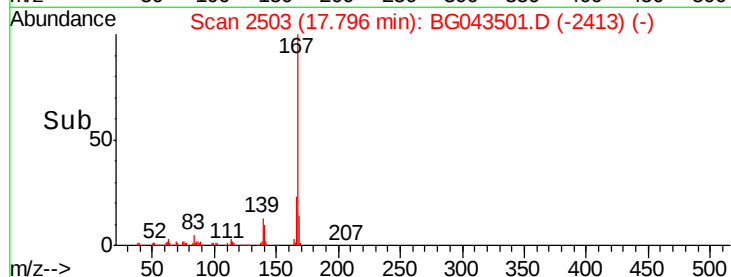
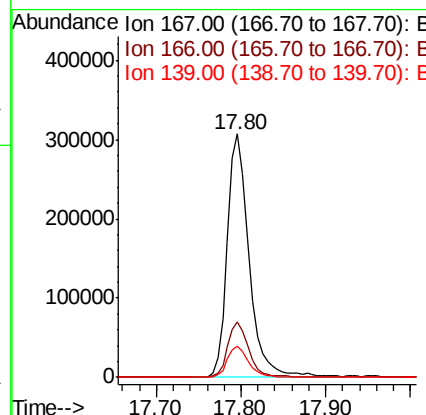
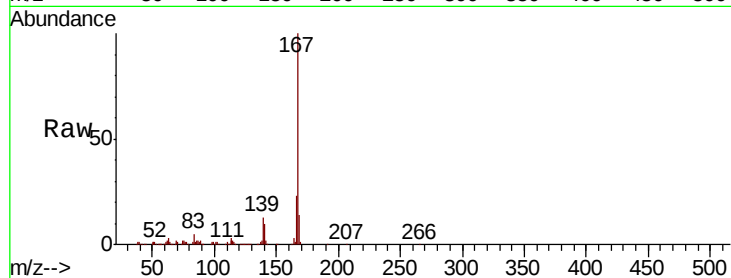




#73  
 Carbazole  
 Concen: 40.021 ng  
 RT: 17.80 min Scan# 2503  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

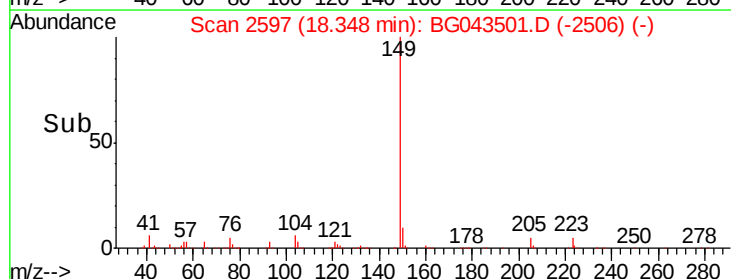
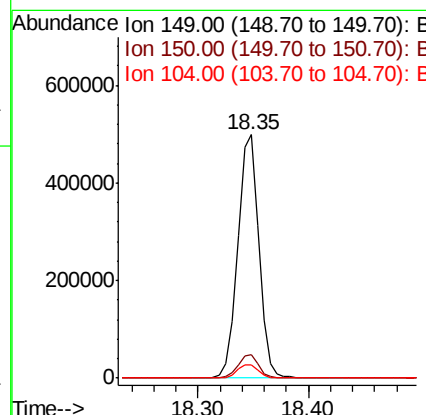
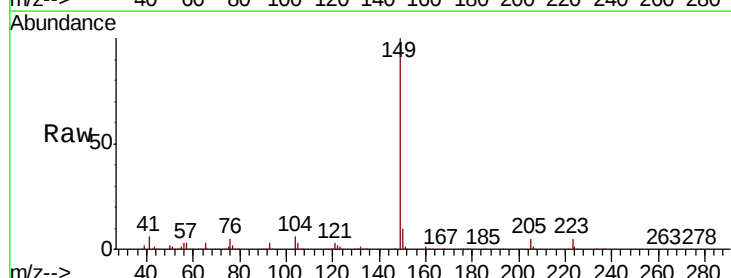
Instrument :  
 BNA\_G  
 ClientSampleId :

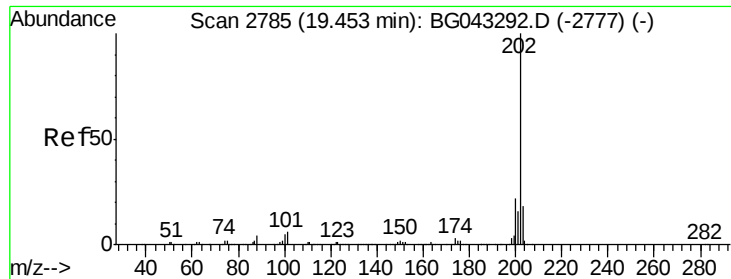
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.8  | 18.7  | 28.1  |
| 139     | 12.8  | 10.0  | 15.0  |



#74  
 Di-n-butylphthalate  
 Concen: 40.155 ng  
 RT: 18.35 min Scan# 2597  
 Delta R.T. 0.01 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 8.0   | 12.0  |
| 104     | 5.6   | 4.4   | 6.6   |





#75

Fluoranthene

Concen: 38.583 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043501.D

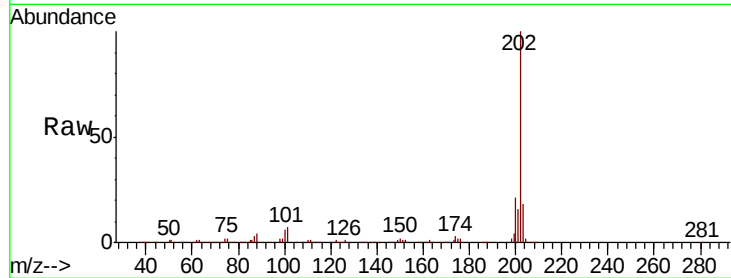
Acq: 5 Nov 2019 10:46

Instrument :

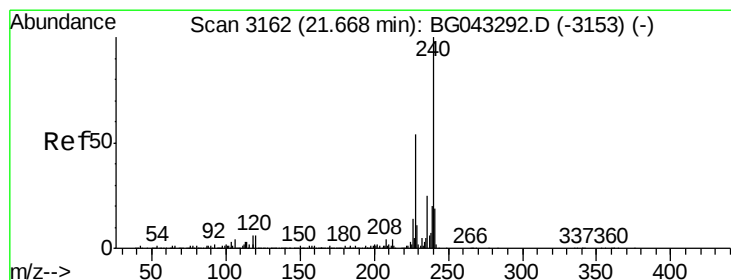
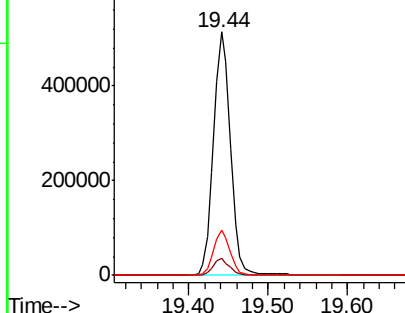
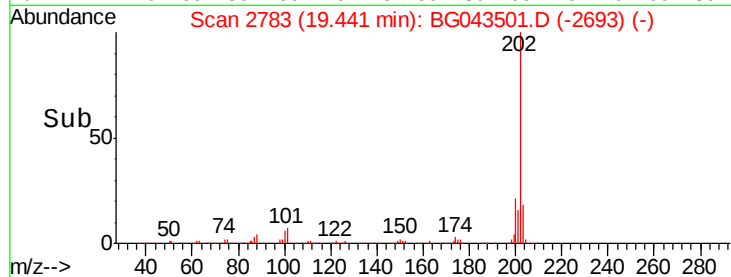
BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 202   | Resp: | 763407 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 7.1   | 0.0   | 26.3   |
| 203      | 18.5  | 0.0   | 37.9   |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

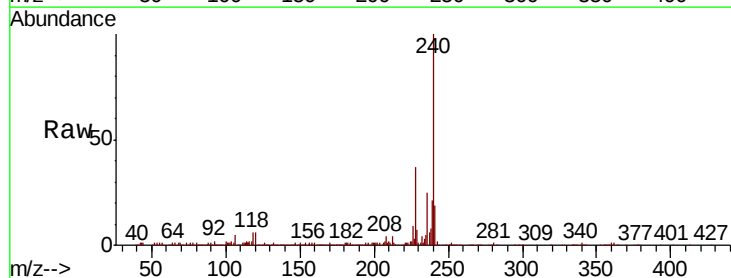
RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

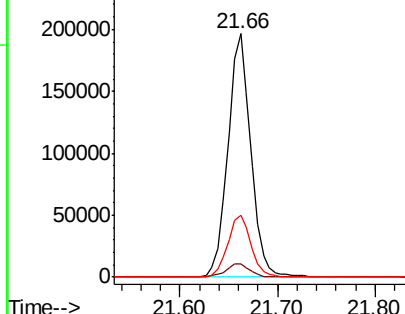
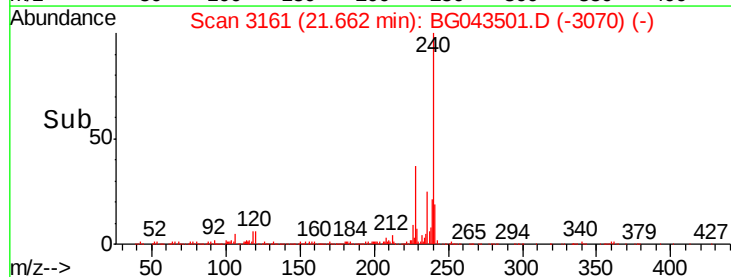
Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 318673 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 5.6   | 4.6   | 6.8    |
| 236      | 25.2  | 19.8  | 29.8   |



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: 44.206 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

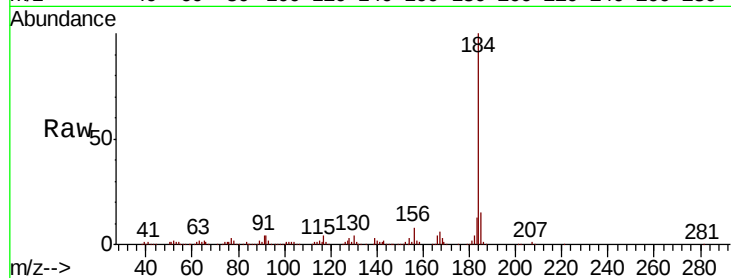
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:184 Resp: 283512

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.0  | 11.0  | 16.4  |
| 183 | 13.0  | 10.0  | 15.0  |

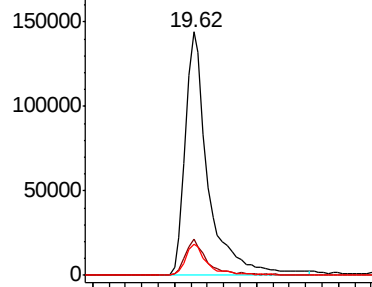


Abundance

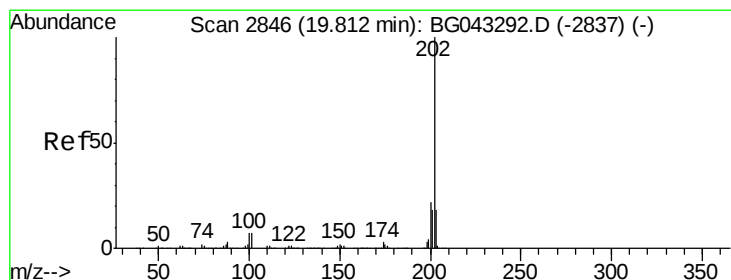
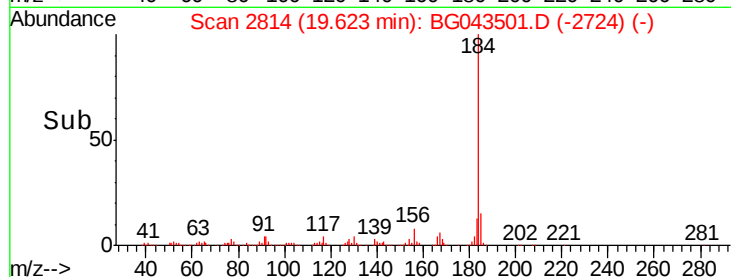
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.50 19.60 19.70 19.80



#78

Pyrene

Concen: 39.396 ng

RT: 19.81 min Scan# 2845

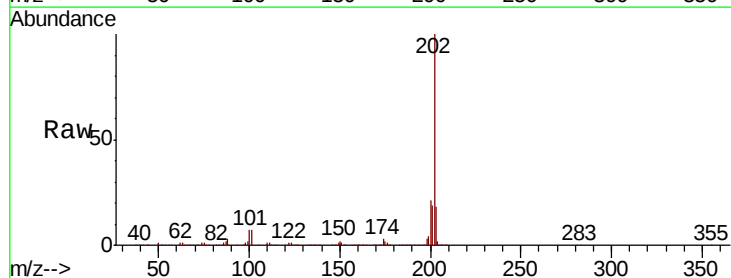
Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Tgt Ion:202 Resp: 777109

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.0  | 17.0  | 25.4  |
| 203 | 17.7  | 14.7  | 22.1  |

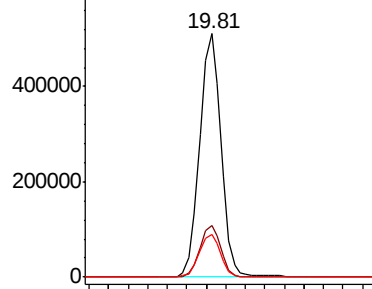


Abundance

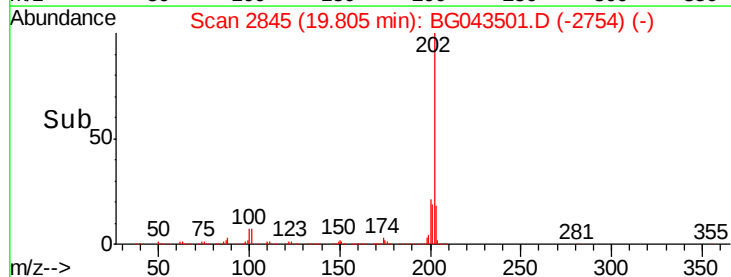
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.70 19.80 19.90





#79

Terphenyl-d14

Concen: 79.116 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

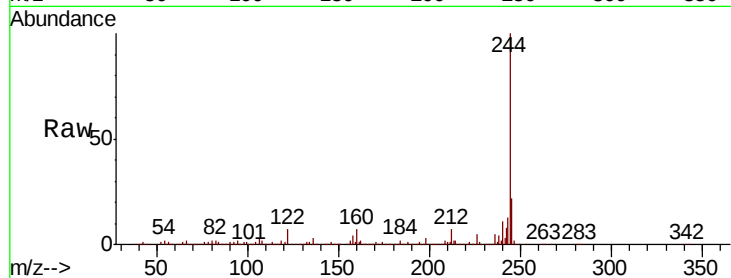
Tot Ion:244 Resp: 1343883

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

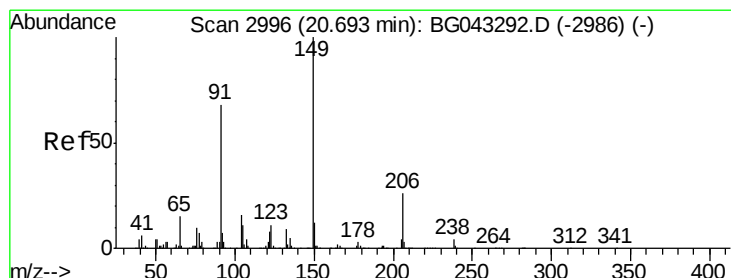
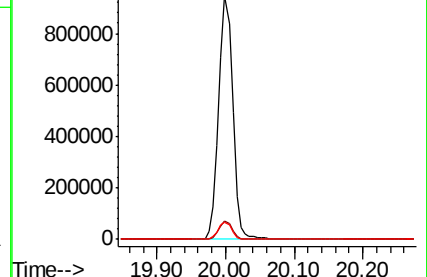
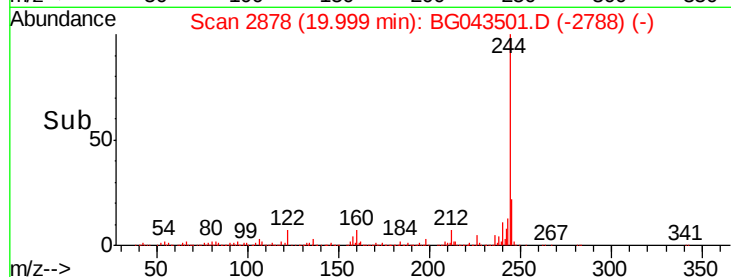
122 7.1 5.4 8.2



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: 41.237 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

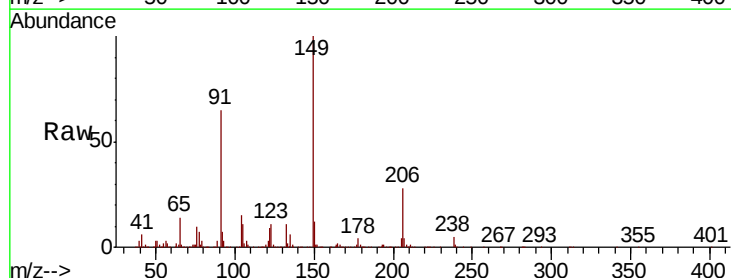
Tgt Ion:149 Resp: 308172

Ion Ratio Lower Upper

149 100

91 65.1 51.2 76.8

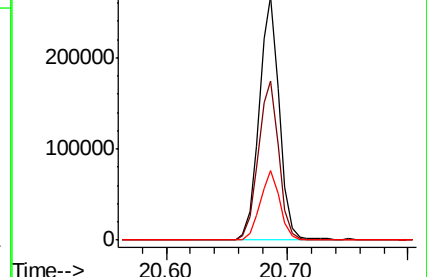
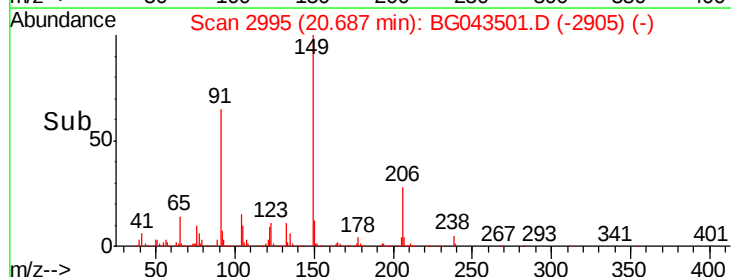
206 28.4 22.5 33.7

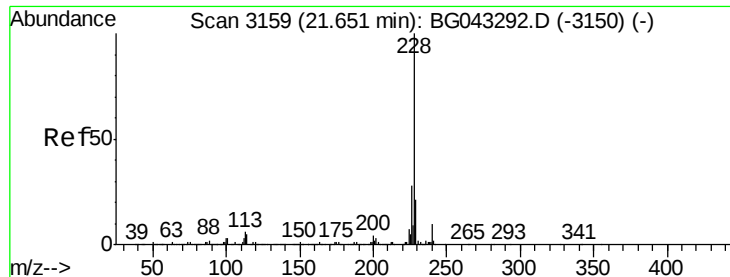


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.210 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

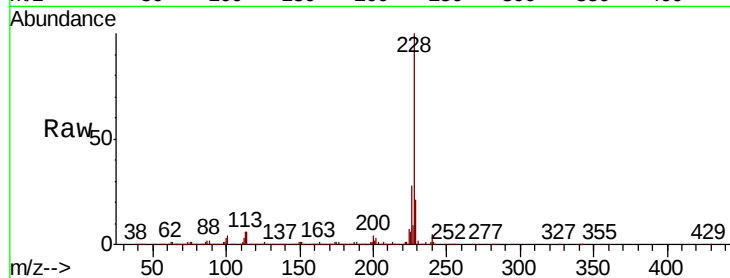
Tot Ion:228 Resp: 802652

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.2

229 21.2 17.0 25.4

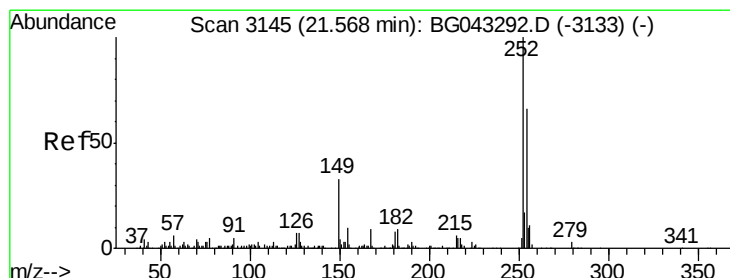
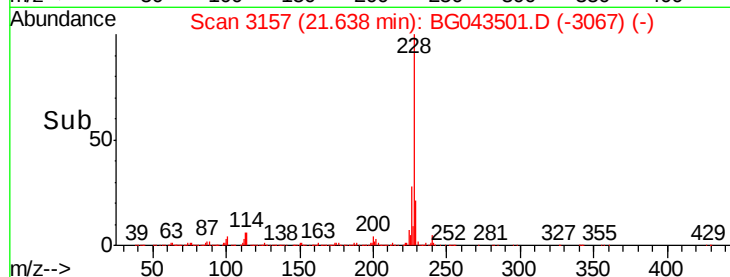
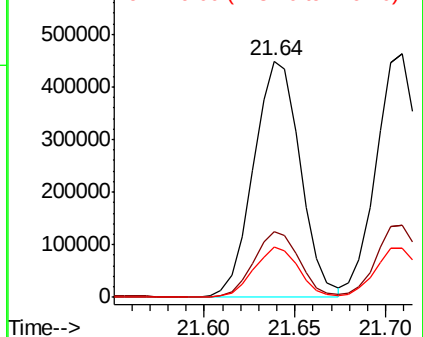


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.590 ng

RT: 21.56 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

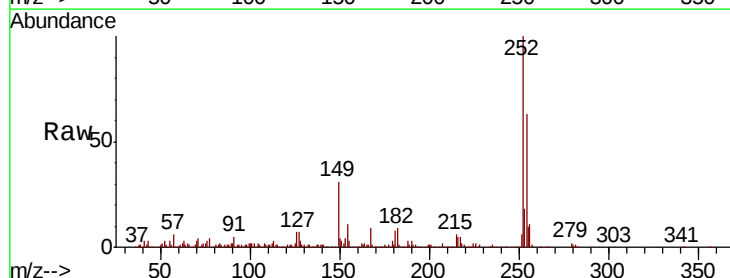
Tgt Ion:252 Resp: 328824

Ion Ratio Lower Upper

252 100

254 63.0 50.8 76.2

126 6.7 6.1 9.1

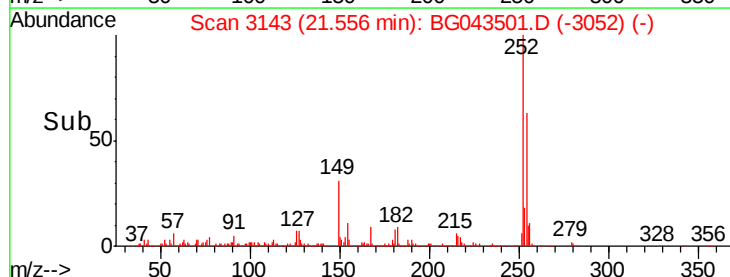
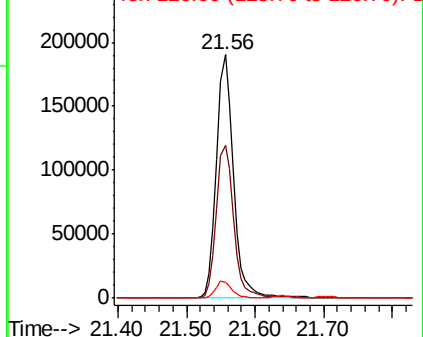


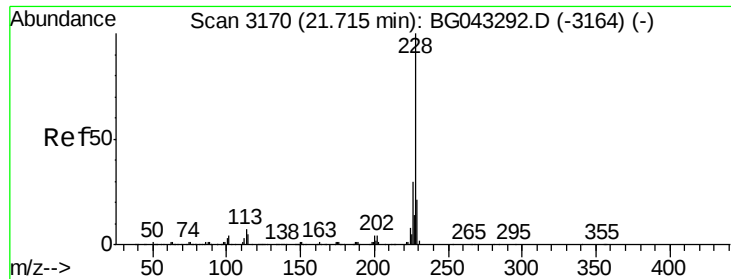
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.746 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

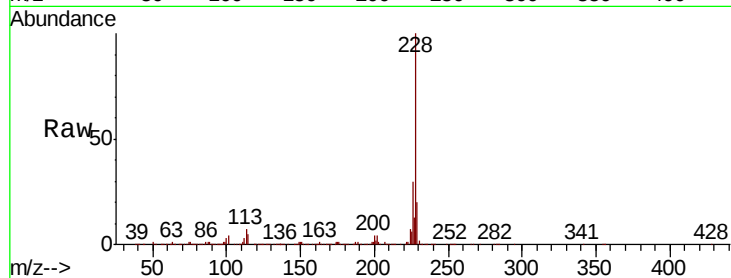
Tot Ion:228 Resp: 788295

Ion Ratio Lower Upper

228 100

226 29.9 25.1 37.7

229 20.4 17.0 25.4

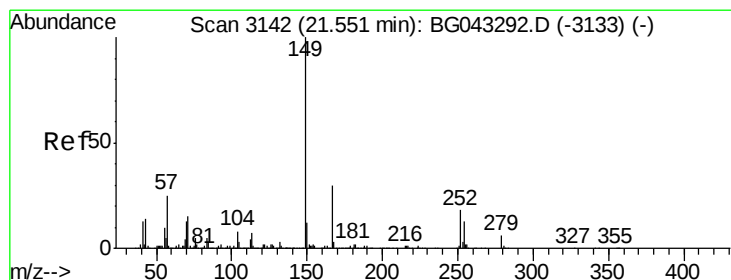
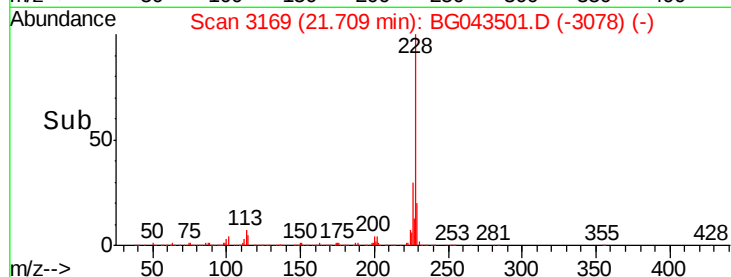
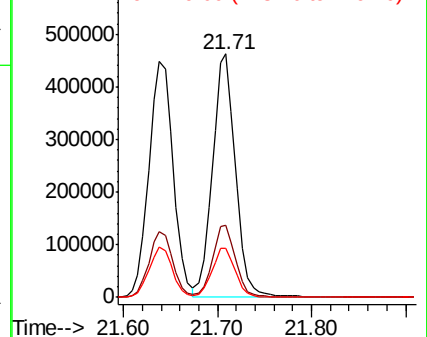


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.480 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

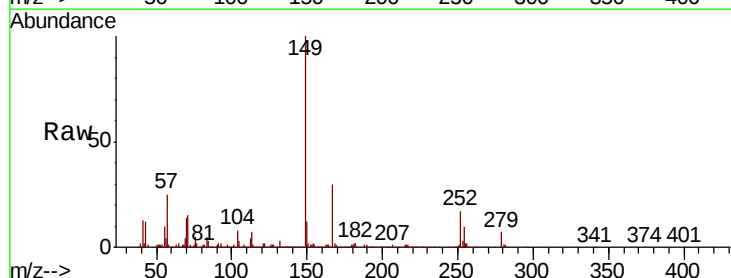
Tgt Ion:149 Resp: 440347

Ion Ratio Lower Upper

149 100

167 30.0 24.0 36.0

279 6.7 5.4 8.2

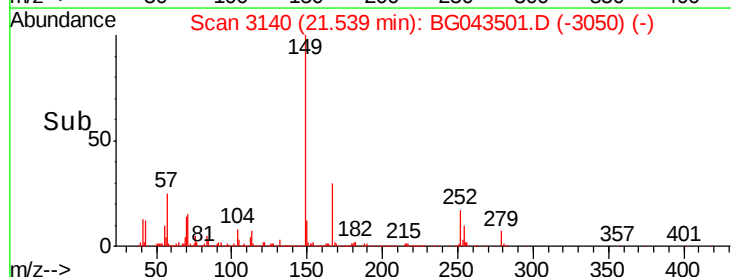
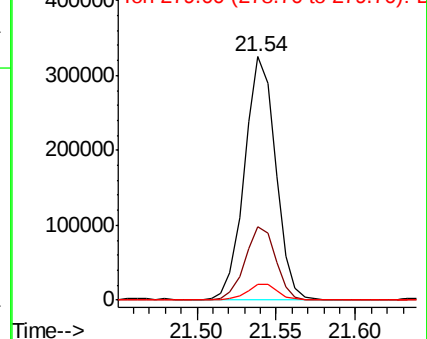


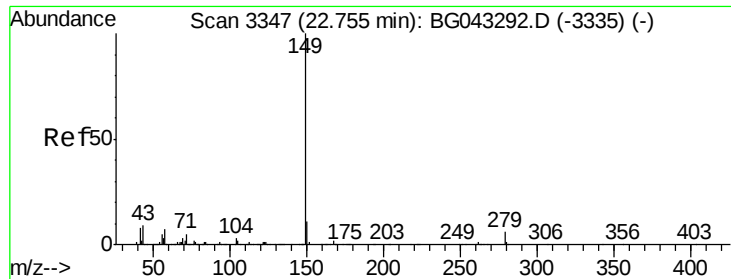
Abundance

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: 42.123 ng

RT: 22.74 min Scan# 3345

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

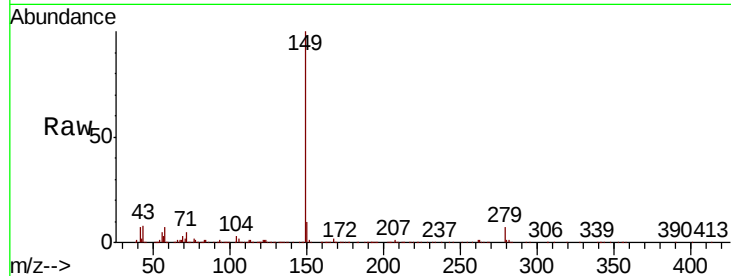
Tot Ion:149 Resp: 758651

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

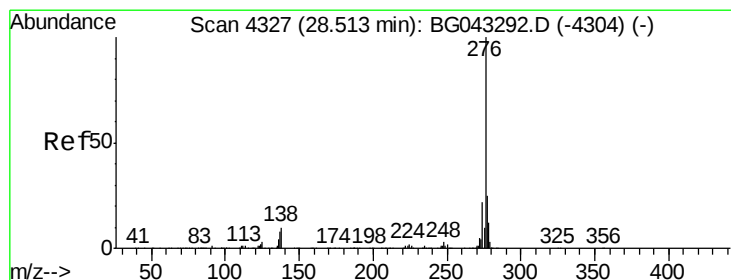
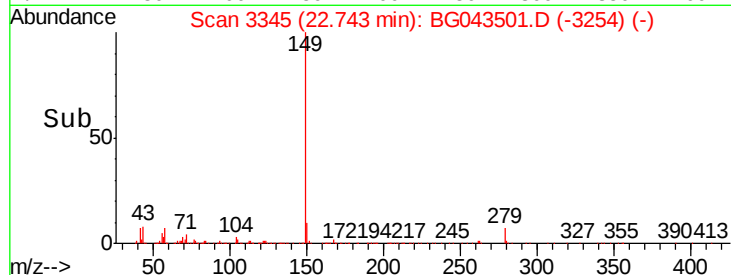
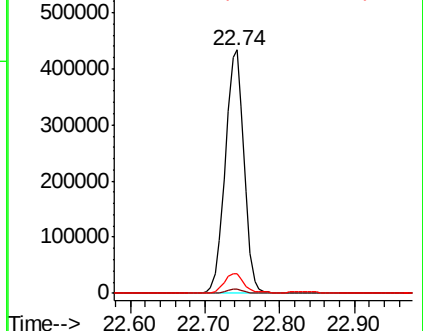
43 8.6 7.0 10.6



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: 42.071 ng

RT: 28.51 min Scan# 4326

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

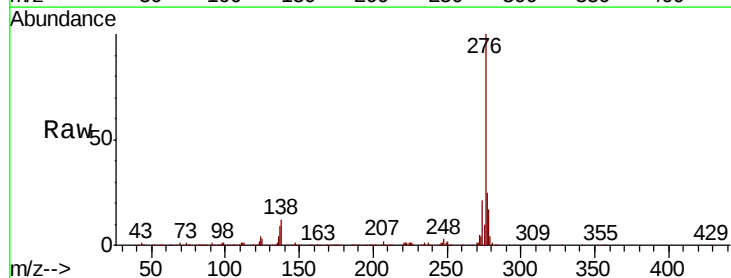
Tgt Ion:276 Resp: 1047394

Ion Ratio Lower Upper

276 100

138 9.3 6.8 10.2

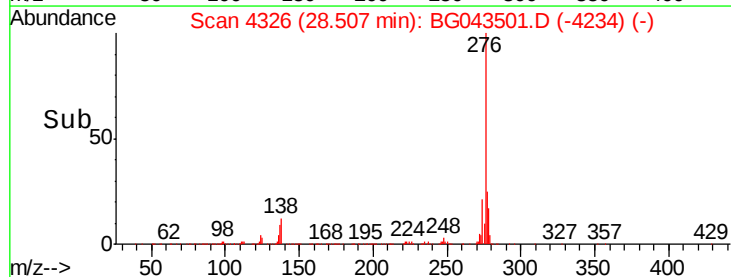
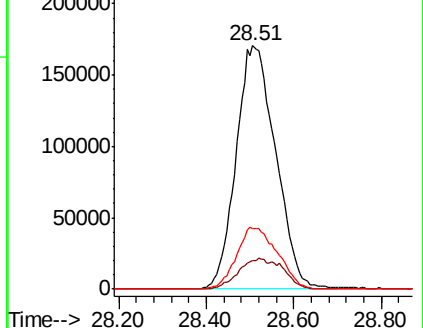
277 26.2 20.9 31.3



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

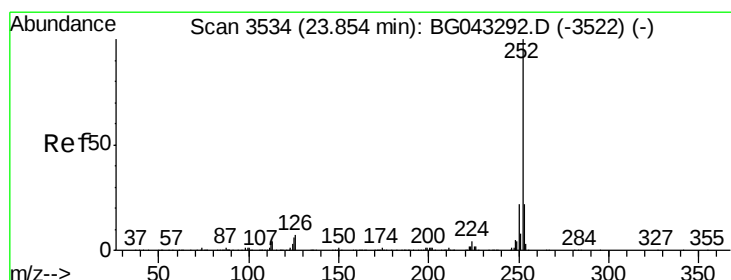
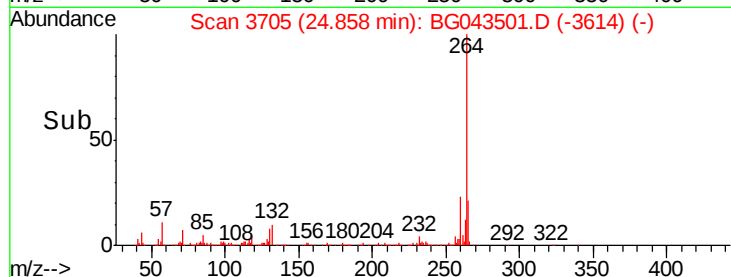
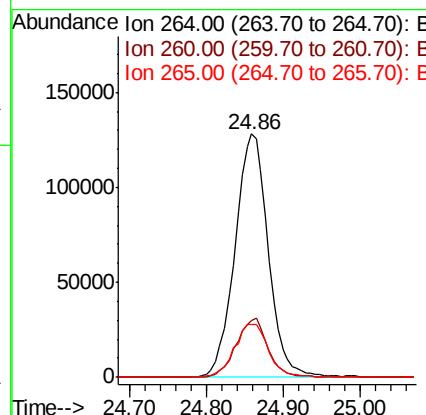
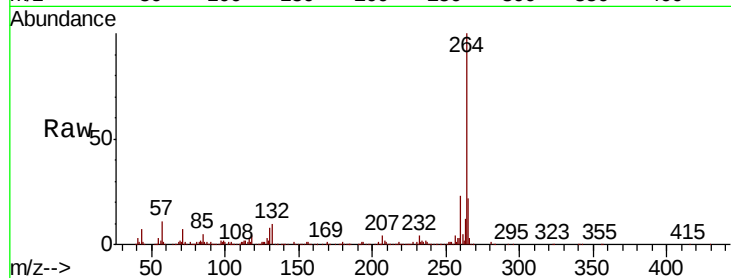




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.86 min Scan# 3705  
 Delta R.T. 0.01 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

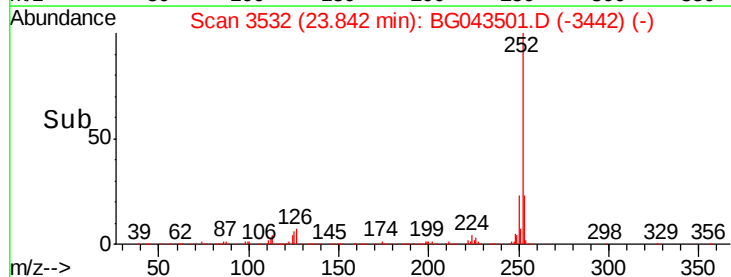
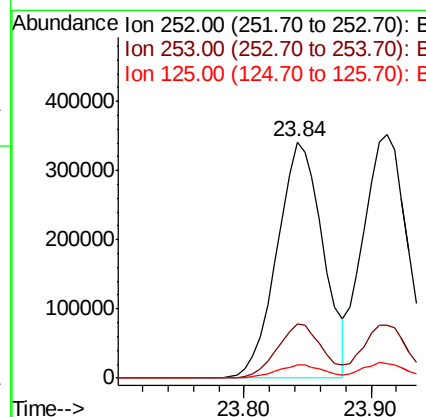
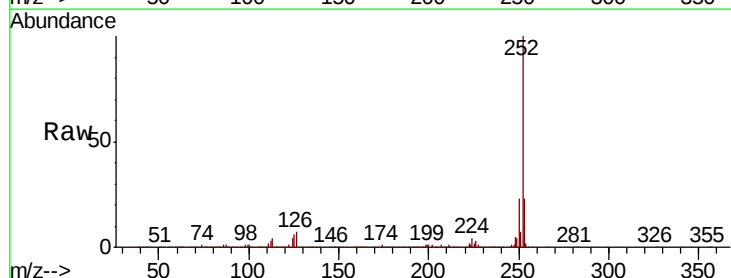
Instrument :  
 BNA\_G  
 ClientSampleId :

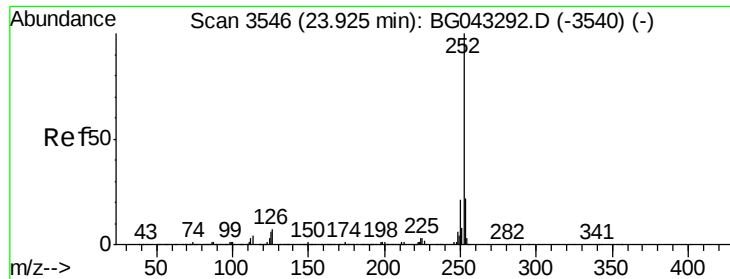
Tot Ion:264 Resp: 386918  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 17.5 26.3  
 265 21.7 17.4 26.0



#88  
 Benzo(b)fluoranthene  
 Concen: 39.241 ng  
 RT: 23.84 min Scan# 3532  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

Tgt Ion:252 Resp: 859928  
 Ion Ratio Lower Upper  
 252 100  
 253 23.0 17.7 26.5  
 125 5.7 4.5 6.7

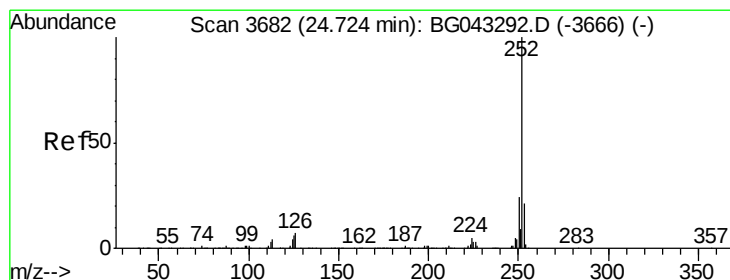
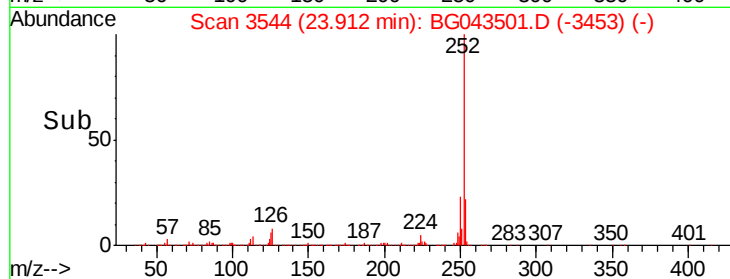
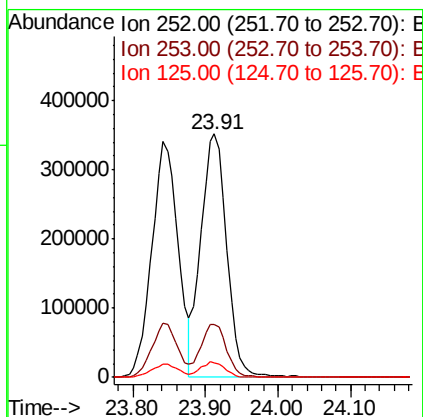
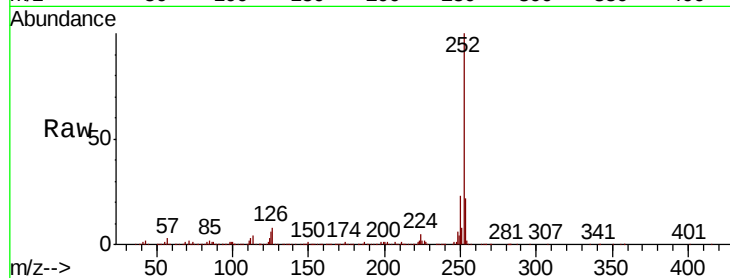




#89  
Benzo(k)fluoranthene  
Concen: 39.301 ng  
RT: 23.91 min Scan# 3544  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

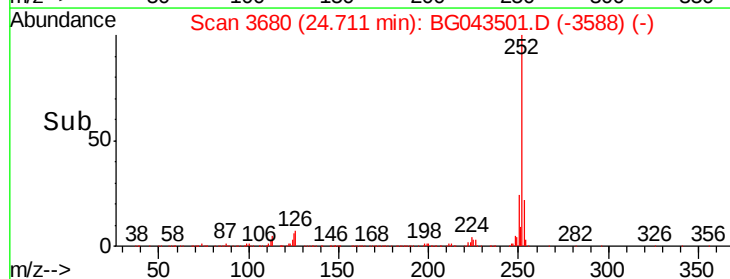
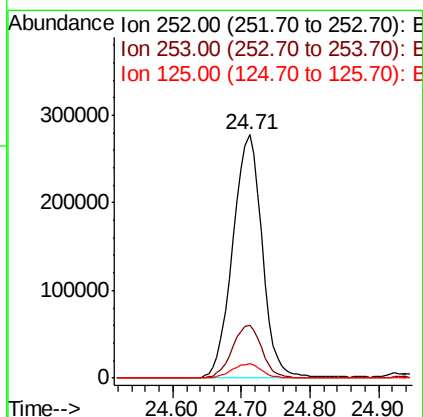
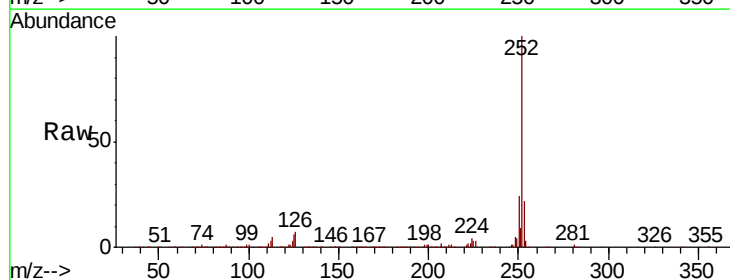
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:252 Resp: 867017  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.3 25.9  
125 5.7 4.6 6.8



#90  
Benzo(a)pyrene  
Concen: 39.526 ng  
RT: 24.71 min Scan# 3680  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Tgt Ion:252 Resp: 827117  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.8  
125 6.1 5.4 8.2

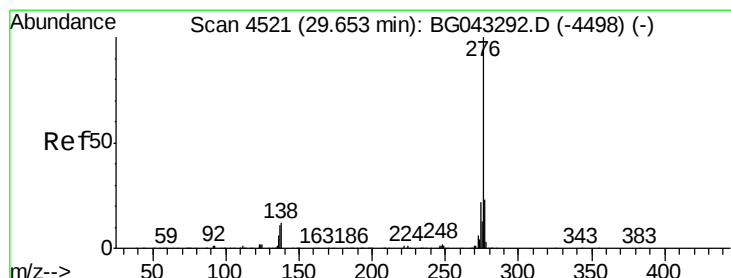
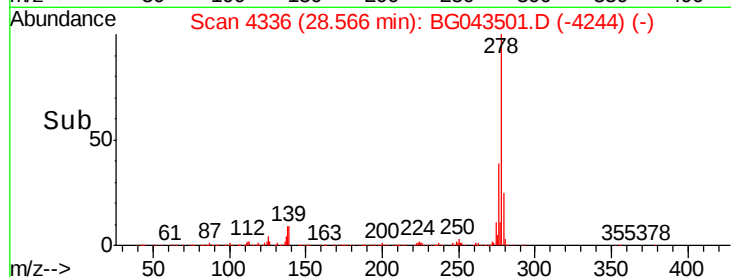
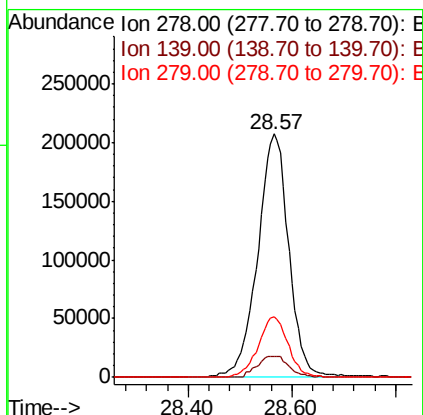
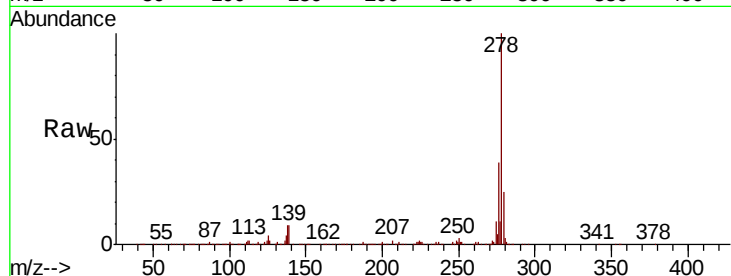




#91  
 Dibenzo(a,h)anthracene  
 Concen: 40.266 ng  
 RT: 28.57 min Scan# 4336  
 Delta R.T. 0.01 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:278 Resp: 861856  
 Ion Ratio Lower Upper  
 278 100  
 139 8.8 7.4 11.0  
 279 24.6 19.1 28.7



#92  
 Benzo(g,h,i)perylene  
 Concen: 39.809 ng  
 RT: 29.65 min Scan# 4520  
 Delta R.T. 0.02 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

Tgt Ion:276 Resp: 840497  
 Ion Ratio Lower Upper  
 276 100  
 277 24.8 18.9 28.3  
 138 11.5 8.9 13.3

