

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\  
 Data File : BG041891.D  
 Acq On : 2 Aug 2019 16:47  
 Operator : HP/JU  
 Sample : K4130-17MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 02 17:58:48 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 08:57:26 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 91762    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 382193   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 293946   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.45 | 188  | 665854   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.74 | 240  | 661728   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.01 | 264  | 793051   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.59  | 112 | 494997  | 104.95 | ng | 0.00 |
| 7) Phenol-d6             | 7.19  | 99  | 693710  | 109.10 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.20  | 82  | 410805  | 73.97  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.19 | 330 | 419289  | 125.58 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.32 | 172 | 1126456 | 67.59  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.06 | 244 | 1831786 | 63.34  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.46  | 88  | 58513  | 26.359 | ng | 92     |
| 3) Pyridine                    | 3.86  | 79  | 169360 | 27.822 | ng | 90     |
| 4) n-Nitrosodimethylamine      | 3.77  | 42  | 86043  | 35.656 | ng | 98     |
| 6) Aniline                     | 7.36  | 93  | 204145 | 22.801 | ng | 95     |
| 8) 2-Chlorophenol              | 7.60  | 128 | 239467 | 44.341 | ng | 95     |
| 9) Benzaldehyde                | 7.17  | 77  | 119972 | 26.815 | ng | 94     |
| 10) Phenol                     | 7.22  | 94  | 300550 | 45.435 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 198831 | 36.562 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146 | 256454 | 36.383 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 263828 | 37.407 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146 | 251801 | 37.415 | ng | 95     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 207590 | 41.499 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 336023 | 34.731 | ng | 96     |
| 17) 2-Methylphenol             | 8.48  | 107 | 206888 | 43.005 | ng | 98     |
| 18) Hexachloroethane           | 9.14  | 117 | 90948  | 37.656 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 172198 | 37.303 | ng | 90     |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 287621 | 43.690 | ng | 99     |
| 22) Acetophenone               | 8.86  | 105 | 333154 | 38.971 | ng | # 93   |
| 24) Nitrobenzene               | 9.25  | 77  | 251091 | 42.914 | ng | 98     |
| 25) Isophorone                 | 9.78  | 82  | 480082 | 39.737 | ng | 99     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 160797 | 59.214 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 239359 | 49.943 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 283809 | 37.591 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 296603 | 50.819 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 298579 | 40.342 | ng | 98     |
| 31) Naphthalene                | 10.91 | 128 | 722069 | 41.280 | ng | 97     |
| 32) Benzoic acid               | 10.03 | 122 | 239359 | 65.926 | ng | # 14   |
| 33) 4-Chloroaniline            | 11.01 | 127 | 163513 | 19.712 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.21 | 225 | 193883 | 38.814 | ng | 98     |
| 35) Caprolactam                | 11.80 | 113 | 62168  | 30.650 | ng | # 78   |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 293659 | 50.750 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 592800 | 42.815 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.74 | 142 | 559377 | 42.632 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 386289 | 41.516 | ng | 98     |

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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 375594   | 71.797  | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 304458   | 51.771  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.20 | 196  | 324532   | 53.103  | nq    | 96       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 779962   | 41.277  | nq    | 97       |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 644616   | 40.069  | nq    | 98       |
| 48) 2-Nitroaniline             | 13.77 | 65   | 192118   | 47.086  | nq    | 91       |
| 49) Acenaphthylene             | 14.42 | 152  | 1031745  | 42.874  | nq    | 98       |
| 50) Dimethylphthalate          | 14.15 | 163  | 955467   | 47.594  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.26 | 165  | 209918   | 50.007  | nq    | 88       |
| 52) Acenaphthene               | 14.77 | 154  | 675752   | 43.175  | nq    | 99       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 139203   | 30.997  | nq    | # 87     |
| 54) 2,4-Dinitrophenol          | 14.80 | 184  | 99600    | 46.815  | nq    | 87       |
| 55) Dibenzofuran               | 15.10 | 168  | 1042525  | 43.548  | nq    | 96       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 383796   | 112.587 | nq    | 95       |
| 57) 2,4-Dinitrotoluene         | 15.06 | 165  | 293628   | 50.864  | nq    | 91       |
| 58) Fluorene                   | 15.75 | 166  | 863012   | 44.921  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.32 | 232  | 315829   | 52.179  | nq    | # 92     |
| 60) Diethylphthalate           | 15.51 | 149  | 848917   | 43.072  | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 502840   | 42.873  | nq    | 96       |
| 62) 4-Nitroaniline             | 15.76 | 138  | 217221   | 44.657  | nq    | 96       |
| 63) Azobenzene                 | 16.04 | 77   | 678160   | 42.121  | nq    | 93       |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 131959   | 41.563  | nq    | 89       |
| 66) n-Nitrosodiphenylamine     | 15.96 | 169  | 790660   | 43.593  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 349155   | 42.569  | nq    | 97       |
| 68) Hexachlorobenzene          | 16.76 | 284  | 355808   | 41.466  | nq    | # 92     |
| 69) Atrazine                   | 16.90 | 200  | 302730   | 42.481  | nq    | 98       |
| 70) Pentachlorophenol          | 17.10 | 266  | 355542   | 72.938  | nq    | 99       |
| 71) Phenanthrene               | 17.49 | 178  | 1850043  | 57.965  | nq    | 99       |
| 72) Anthracene                 | 17.59 | 178  | 1519527  | 47.737  | nq    | 98       |
| 73) Carbazole                  | 17.85 | 167  | 1249579  | 43.738  | nq    | 97       |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 1352063  | 41.744  | nq    | 97       |
| 75) Fluoranthene               | 19.50 | 202  | 2556832  | 65.907  | nq    | 95       |
| 77) Benzidine                  | 19.68 | 184  | 708128   | 32.785  | nq    | 97       |
| 78) Pyrene                     | 19.87 | 202  | 2478910  | 63.227  | nq    | 96       |
| 80) Butylbenzylphthalate       | 20.75 | 149  | 655175   | 43.586  | nq    | 91       |
| 81) Benzo(a)anthracene         | 21.72 | 228  | 2286803  | 58.410  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 406203   | 25.842  | nq    | 95       |
| 83) Chrysene                   | 21.78 | 228  | 2142414  | 57.087  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 915592   | 44.157  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.86 | 149  | 1560844  | 44.728  | nq    | # 92     |
| 86) Indeno(1,2,3-cd)pyrene     | 28.77 | 276  | 2587712  | 52.088  | nq    | # 93     |
| 88) Benzo(b)fluoranthene       | 23.98 | 252  | 2558081  | 58.964  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 24.05 | 252  | 2127550  | 50.345  | nq    | # 97     |
| 90) Benzo(a)pyrene             | 24.70 | 252  | 461899   | 11.101  | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 29.24 | 278  | 100961   | 2.471   | nq    | 96       |
| 92) Benzo(g,h,i)perylene       | 29.93 | 276  | 2189250  | 53.635  | nq    | # 94     |

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



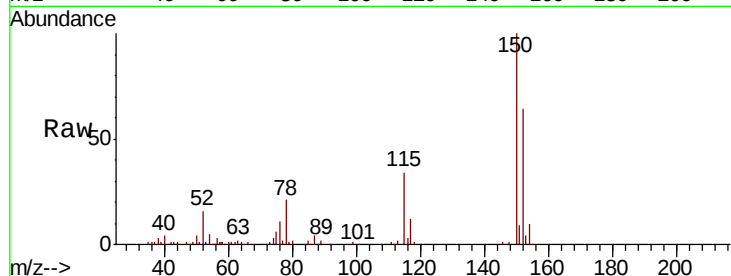


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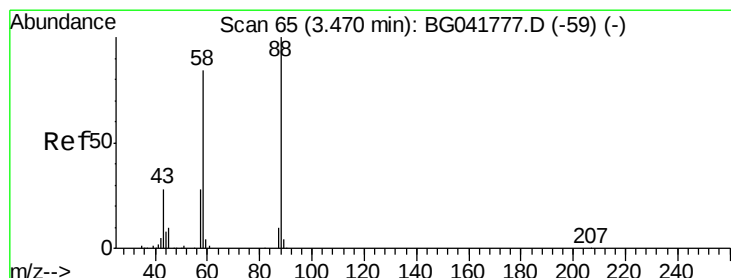
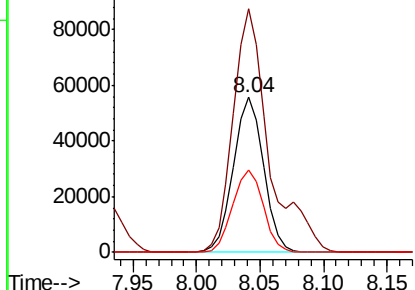
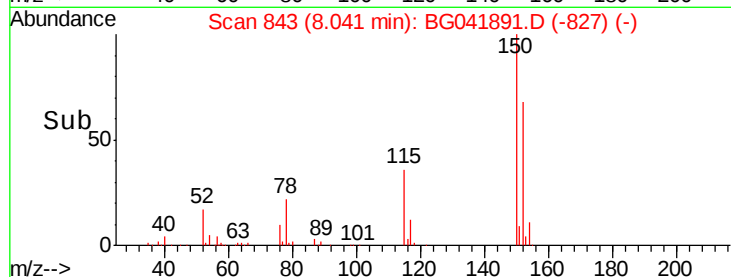
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.04 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:152 Resp: 91762  
Ion Ratio Lower Upper  
152 100  
150 157.0 126.9 190.3  
115 52.7 45.0 67.6



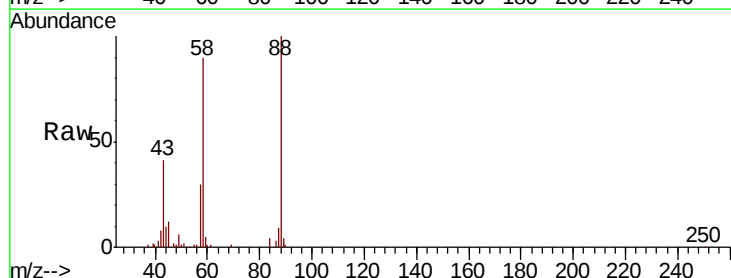
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



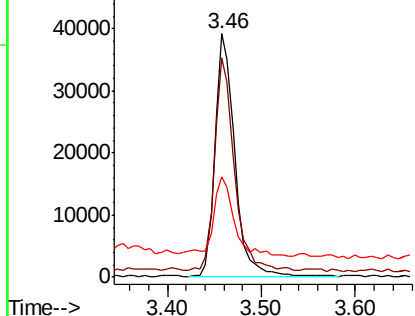
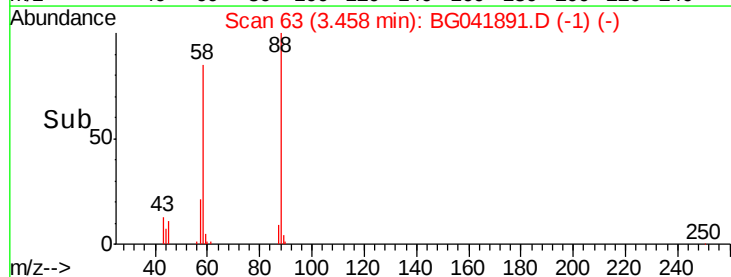
#2

1,4-Dioxane  
Concen: 26.359 ng  
RT: 3.46 min Scan# 63  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Tgt Ion: 88 Resp: 58513  
Ion Ratio Lower Upper  
88 100  
58 84.9 76.2 114.2  
43 35.0 27.2 40.8



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





#3

Pvridine

Concen: 27.822 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

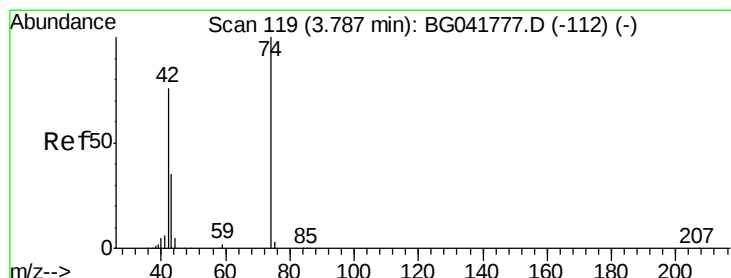
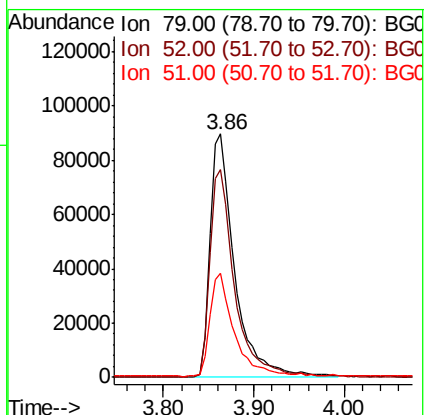
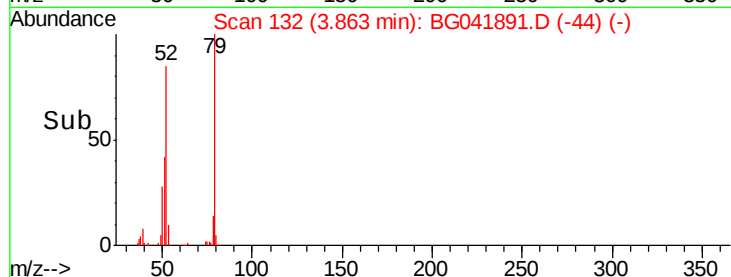
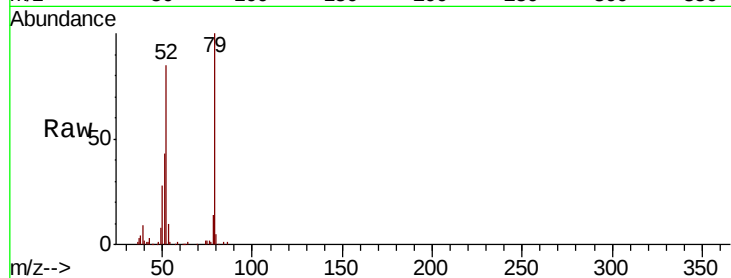
Tot Ion: 79 Resp: 169360

Ion Ratio Lower Upper

79 100

52 85.5 77.1 115.7

51 42.9 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 35.656 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

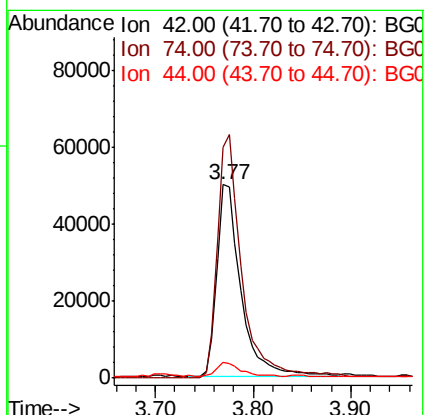
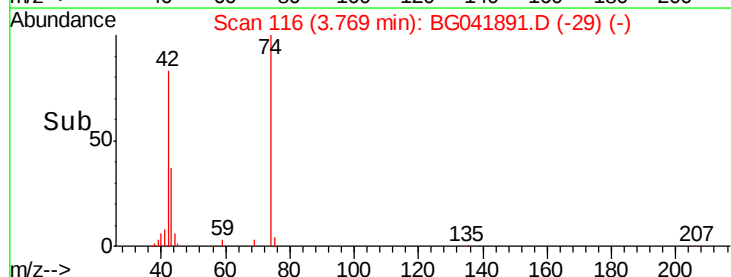
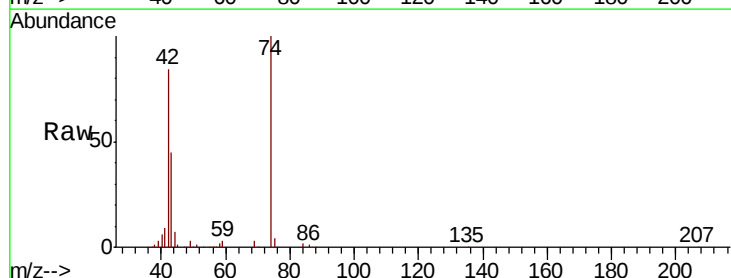
Tgt Ion: 42 Resp: 86043

Ion Ratio Lower Upper

42 100

74 119.7 97.4 146.2

44 7.8 6.6 9.8





#5

2-Fluorophenol

Concen: 104.954 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

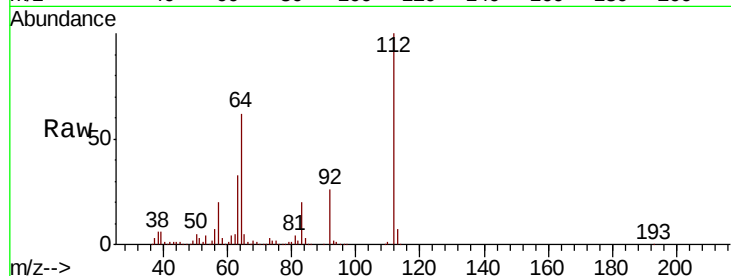
Tot Ion:112 Resp: 494997

Ion Ratio Lower Upper

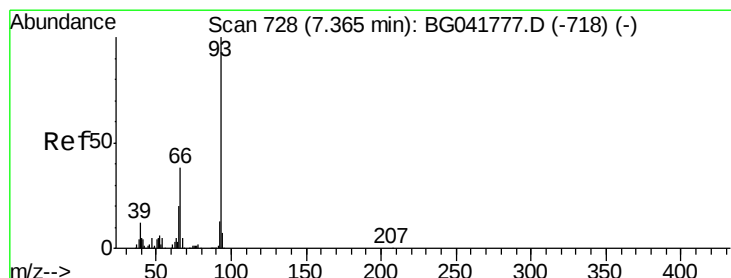
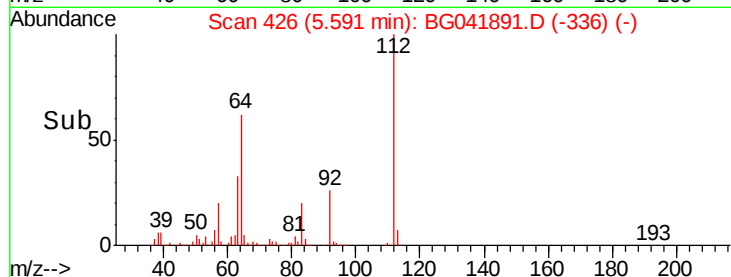
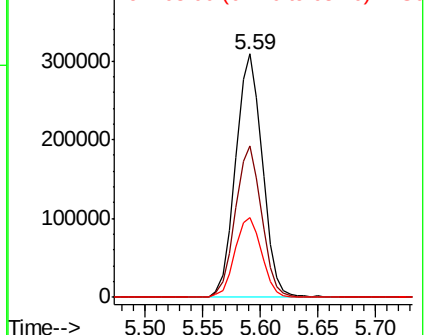
112 100

64 62.5 55.4 83.2

63 32.9 29.1 43.7



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



#6

Aniline

Concen: 22.801 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

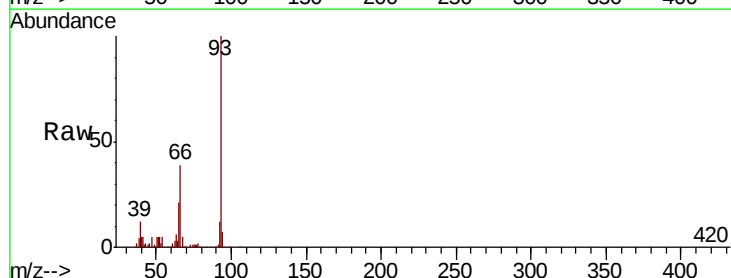
Tgt Ion: 93 Resp: 204145

Ion Ratio Lower Upper

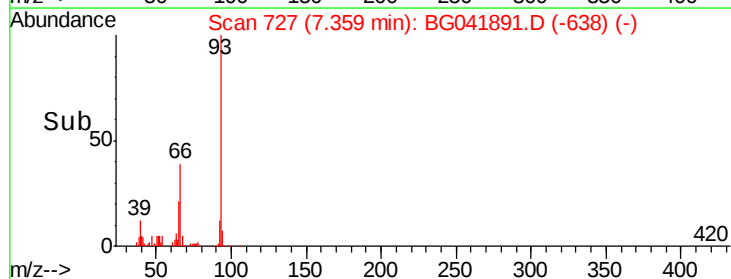
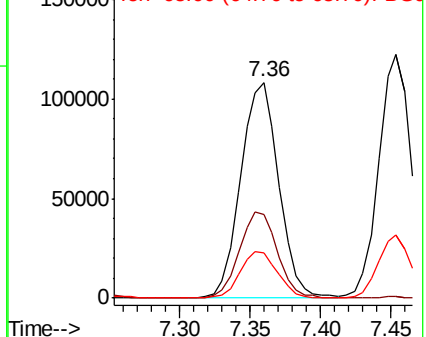
93 100

66 38.6 34.2 51.2

65 21.1 18.2 27.2



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: 109.102 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampled :

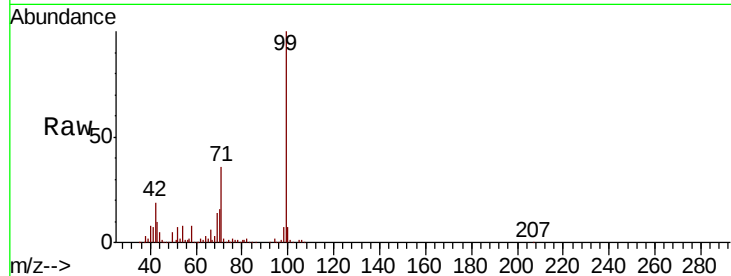
Tot Ion: 99 Resp: 693710

Ion Ratio Lower Upper

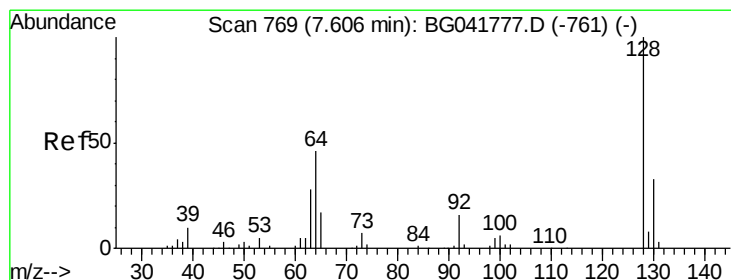
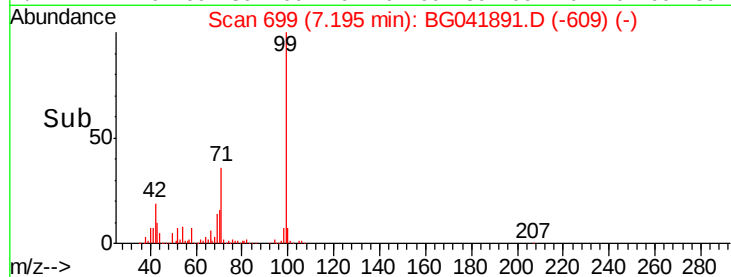
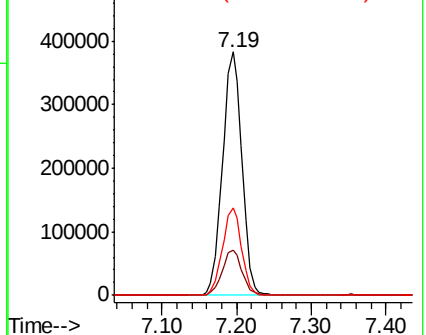
99 100

42 18.6 17.6 26.4

71 36.1 27.8 41.6



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: 44.341 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

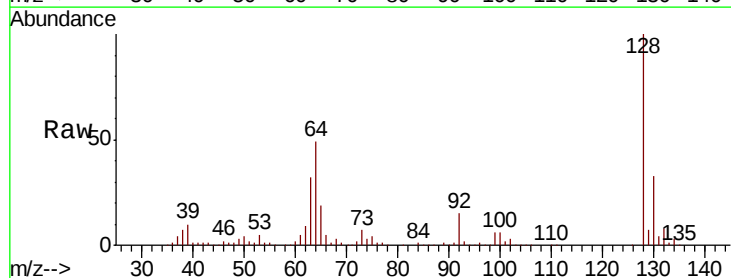
Tgt Ion: 128 Resp: 239467

Ion Ratio Lower Upper

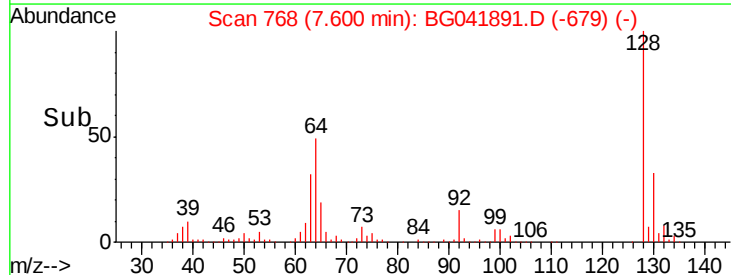
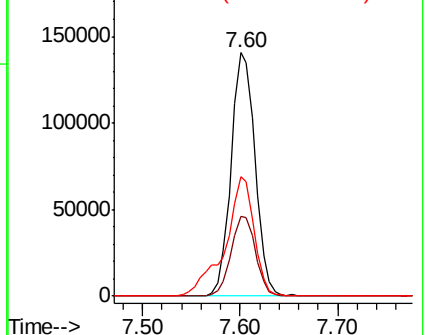
128 100

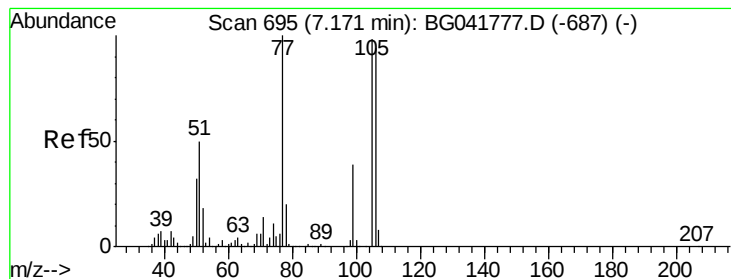
130 32.5 12.4 52.4

64 49.2 34.9 74.9



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





#9

Benzaldehyde

Concen: 26.815 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampled :

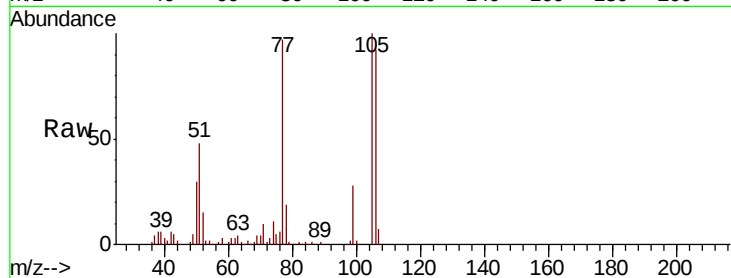
Tot Ion: 77 Resp: 119972

Ion Ratio Lower Upper

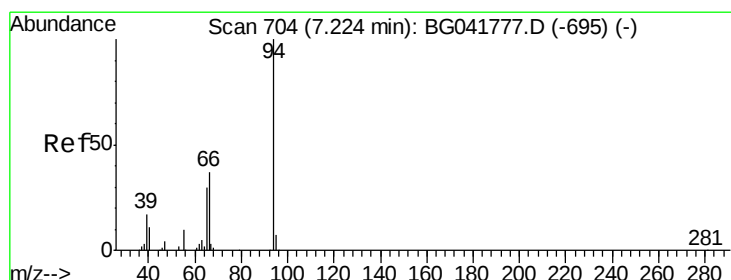
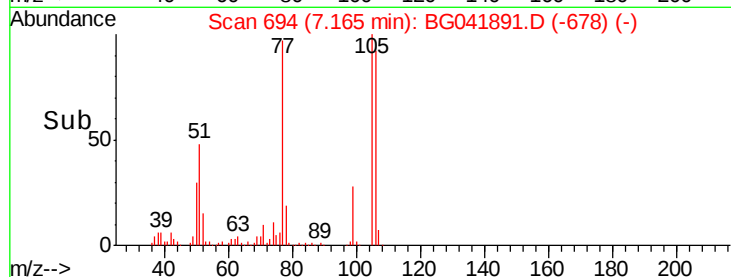
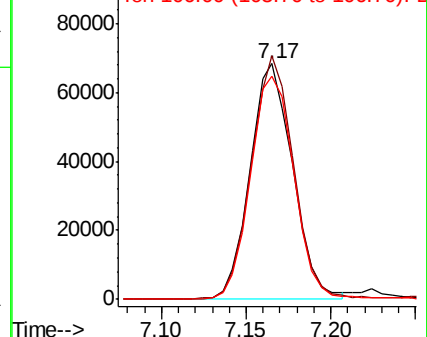
77 100

105 103.3 74.6 114.6

106 94.5 71.1 111.1



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: 45.435 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

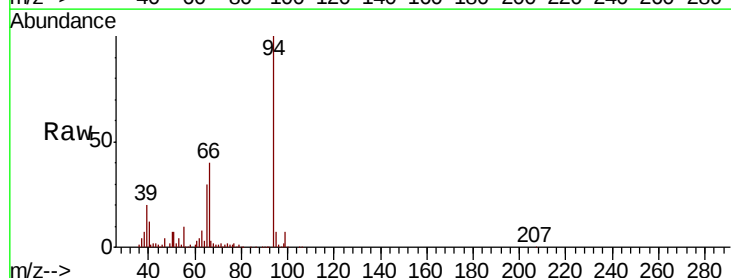
Tgt Ion: 94 Resp: 300550

Ion Ratio Lower Upper

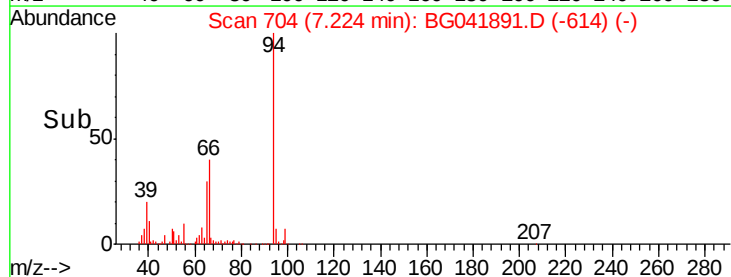
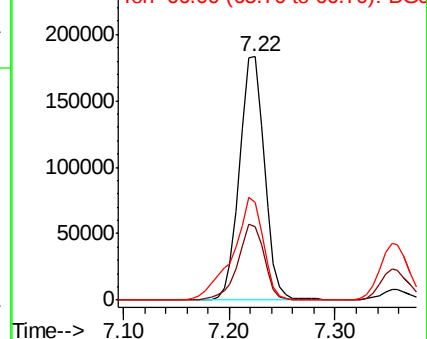
94 100

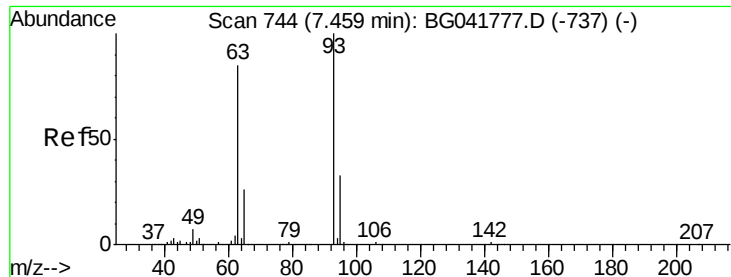
65 30.0 10.6 50.6

66 40.4 18.2 58.2



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: 36.562 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

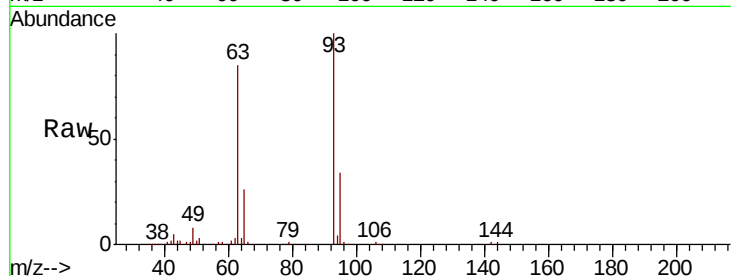
Tot Ion: 93 Resp: 198831

Ion Ratio Lower Upper

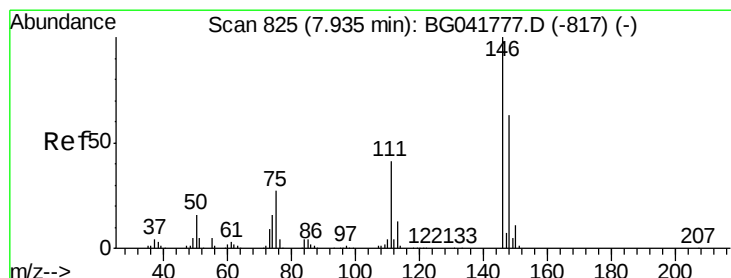
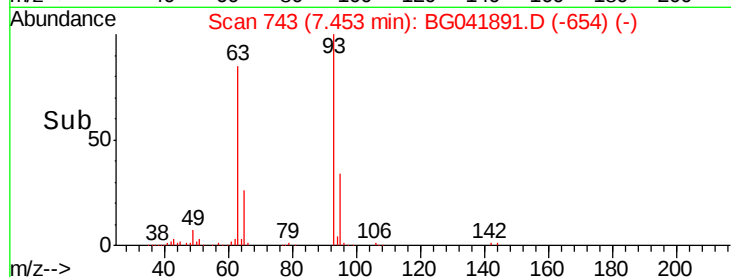
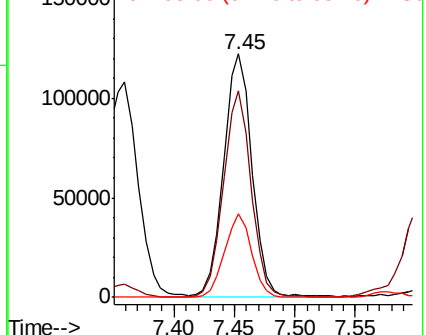
93 100

63 84.6 70.4 110.4

95 34.2 12.8 52.8



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



#12

1,3-Dichlorobenzene

Concen: 36.383 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

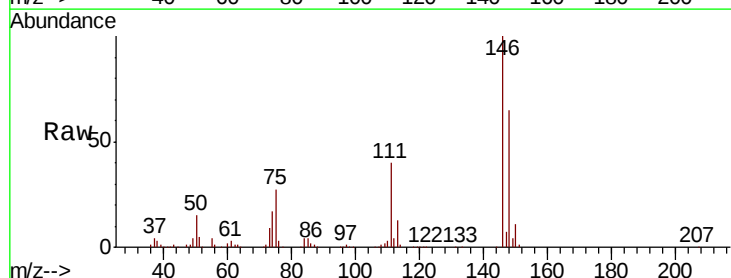
Tgt Ion: 146 Resp: 256454

Ion Ratio Lower Upper

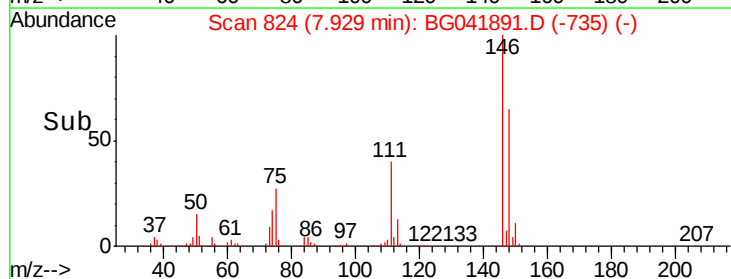
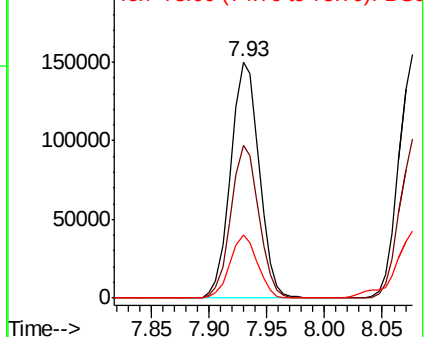
146 100

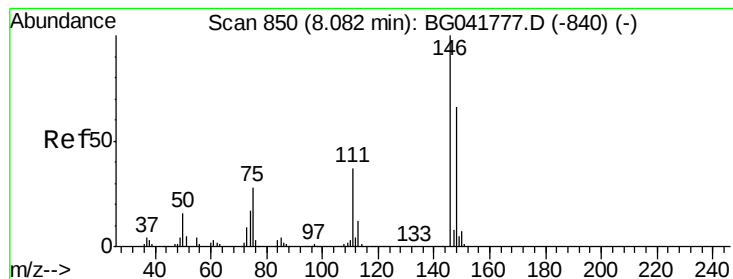
148 64.7 51.5 77.3

75 26.8 23.2 34.8



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





#13

1,4-Dichlorobenzene

Concen: 37.407 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

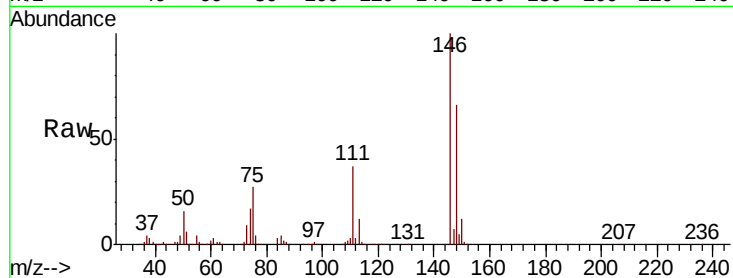
Tot Ion:146 Resp: 263828

Ion Ratio Lower Upper

146 100

148 65.5 52.6 79.0

111 37.1 32.5 48.7

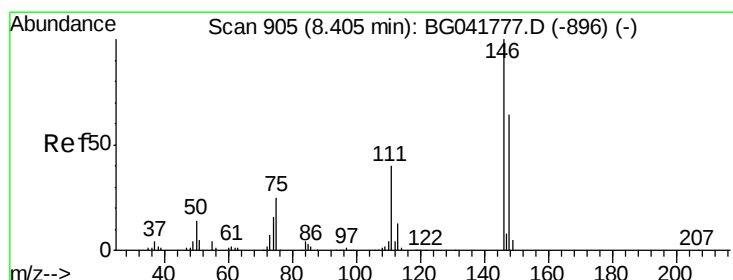
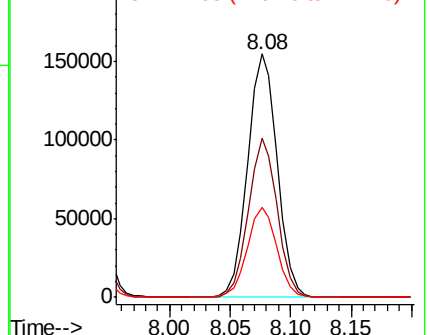
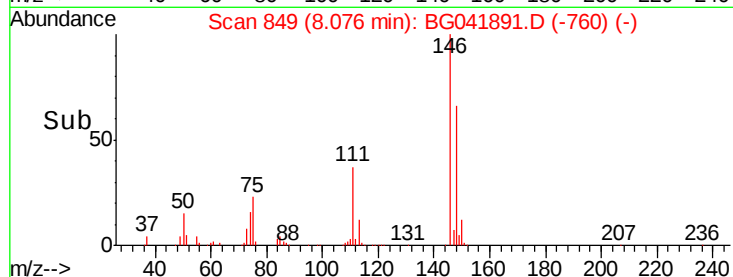


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.415 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

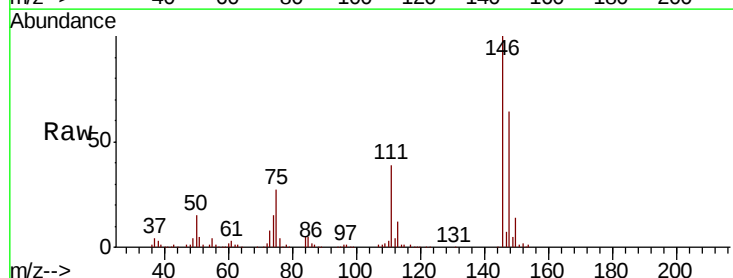
Tgt Ion:146 Resp: 251801

Ion Ratio Lower Upper

146 100

148 64.2 53.5 80.3

111 38.6 35.4 53.0

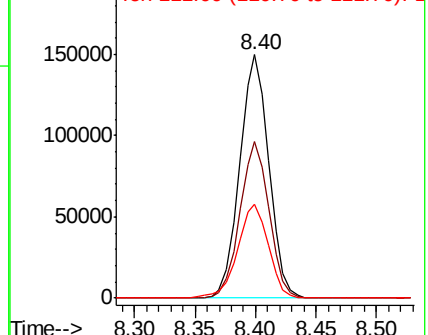
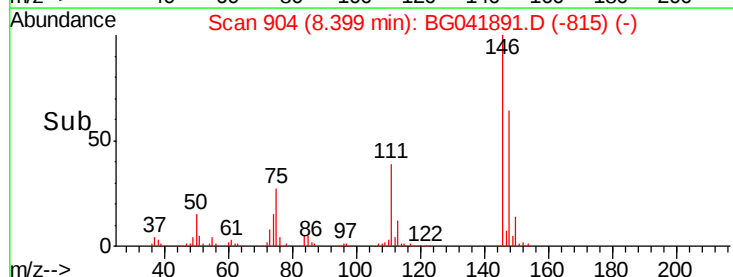


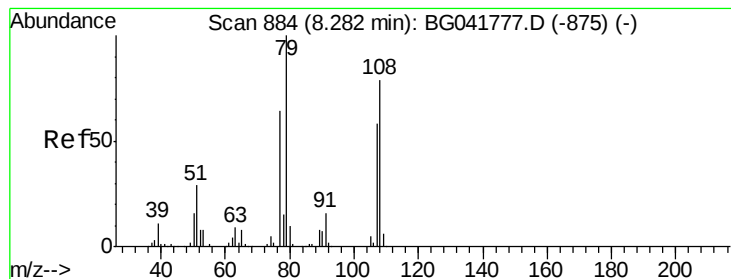
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.499 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

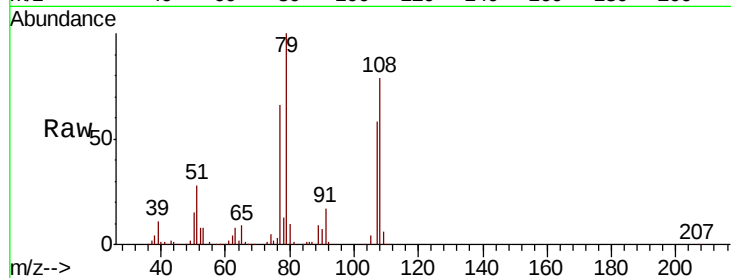
Tot Ion: 79 Resp: 207590

Ion Ratio Lower Upper

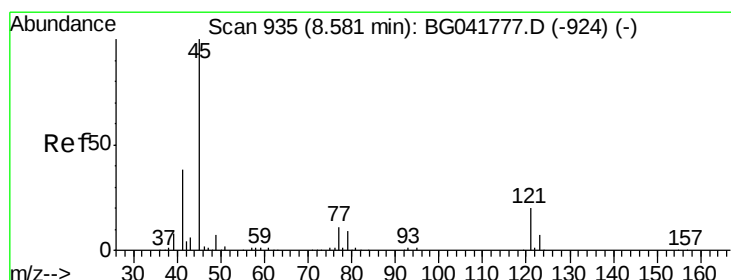
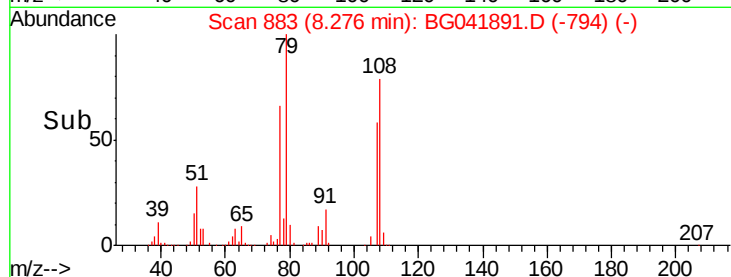
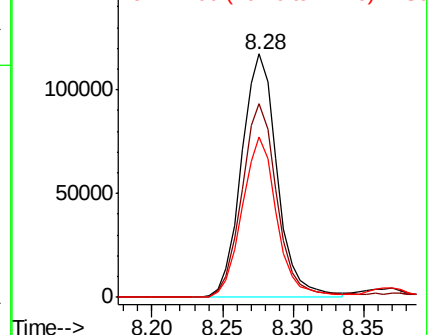
79 100

108 79.4 60.5 90.7

77 66.1 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.731 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

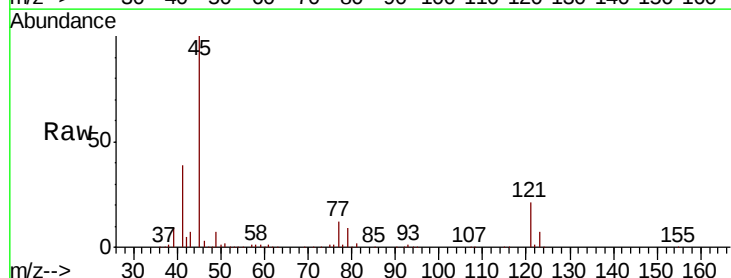
Tgt Ion: 45 Resp: 336023

Ion Ratio Lower Upper

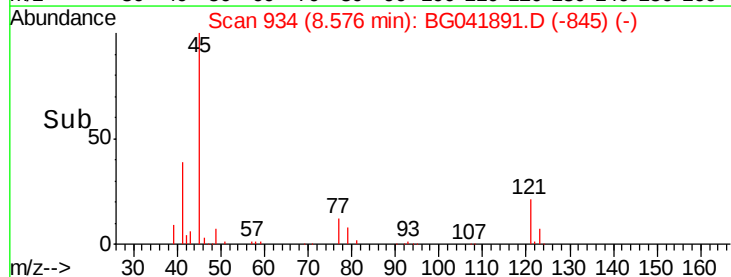
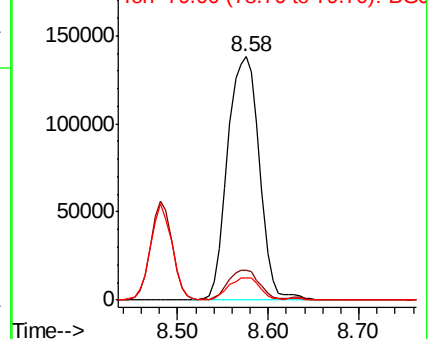
45 100

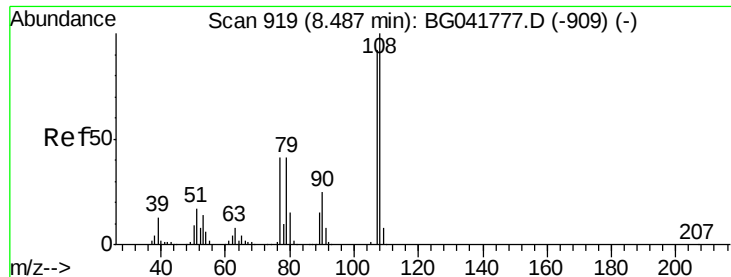
77 12.3 0.0 30.4

79 8.9 0.0 27.9



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





#17

2-Methylphenol

Concen: 43.005 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 206888

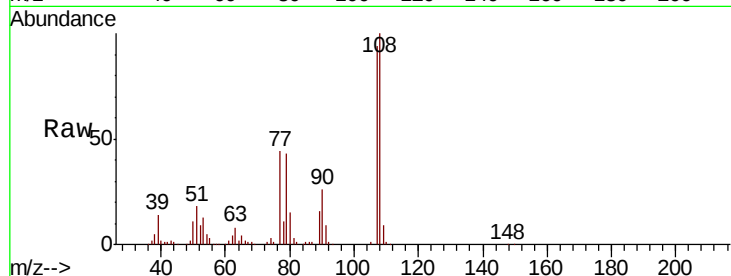
Ion Ratio Lower Upper

107 100

108 106.2 87.6 131.4

77 46.4 36.1 54.1

79 45.5 36.4 54.6

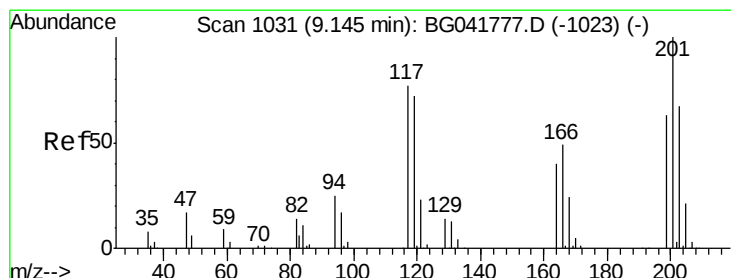
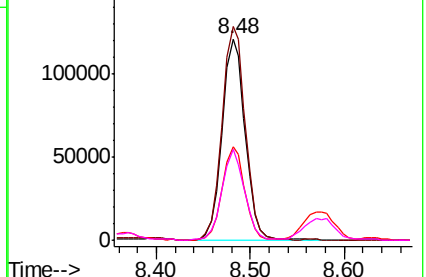
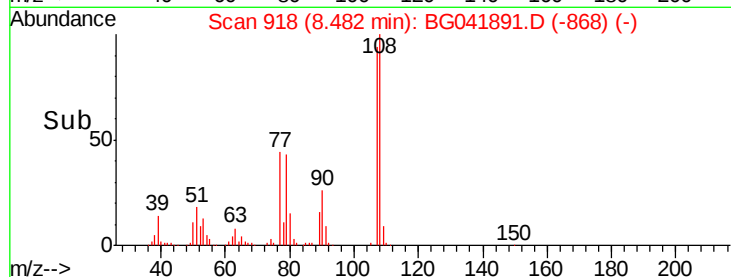


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.656 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

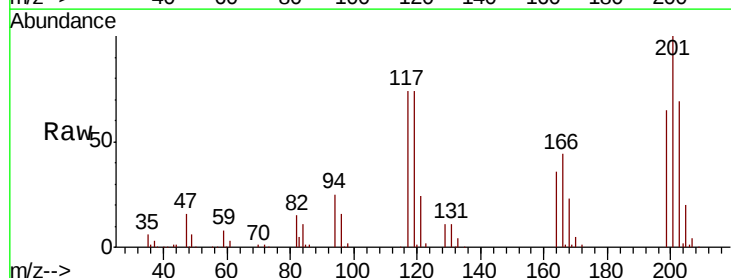
Tgt Ion:117 Resp: 90948

Ion Ratio Lower Upper

117 100

119 99.6 76.2 114.2

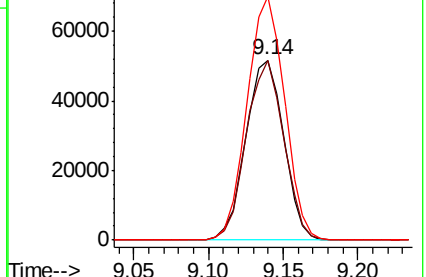
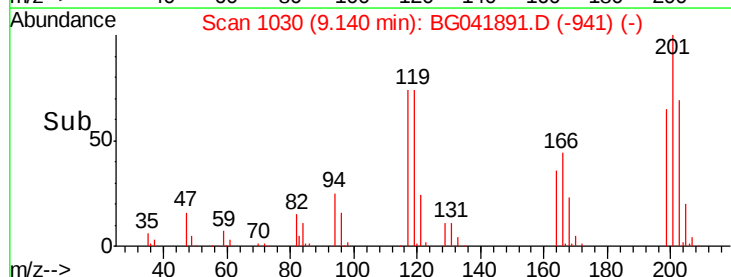
201 135.3 94.1 141.1

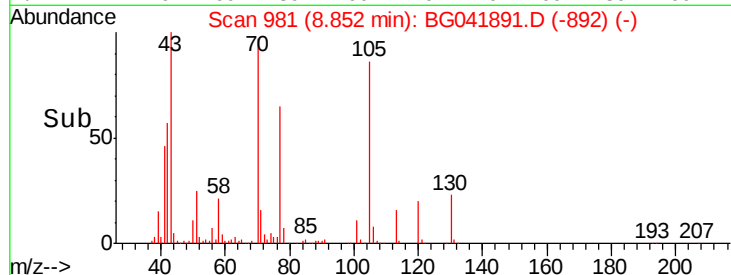
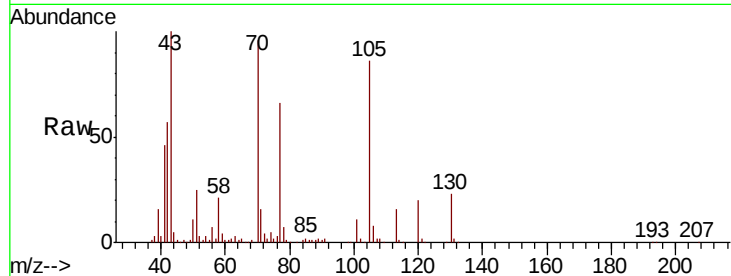
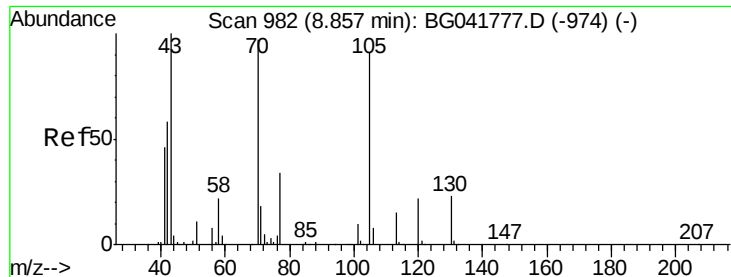


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

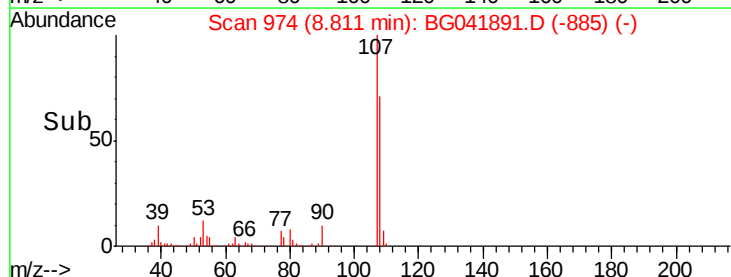
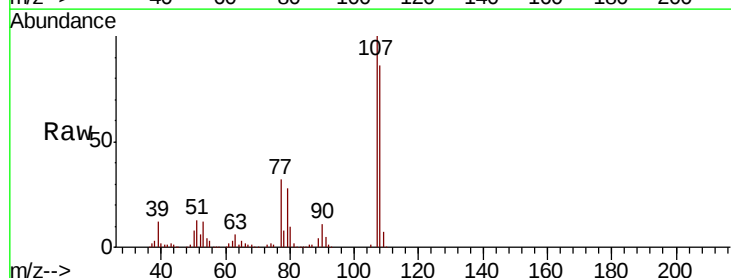
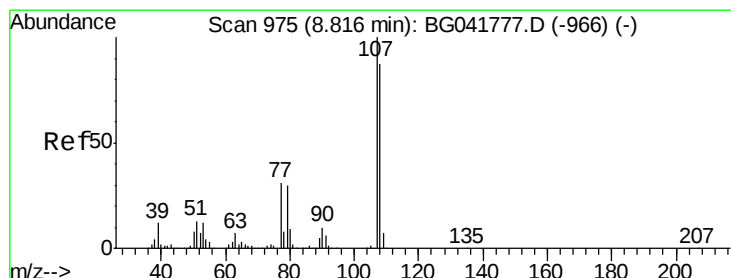
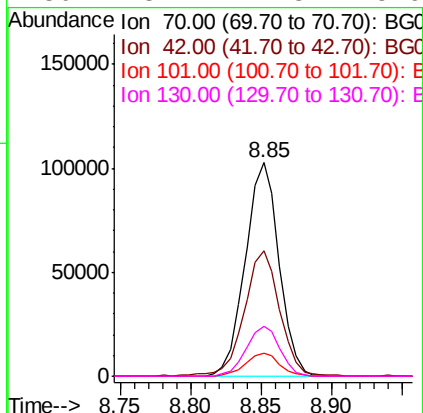




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.303 ng  
RT: 8.85 min Scan# 981  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

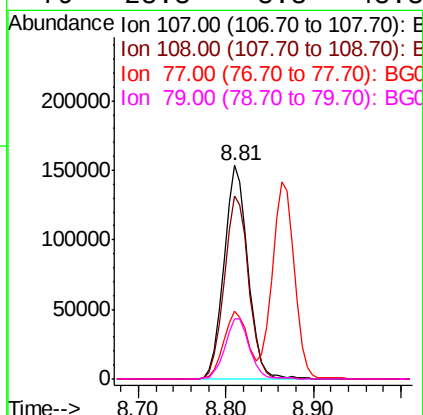
Instrument :  
BNA\_G  
ClientSampleId :

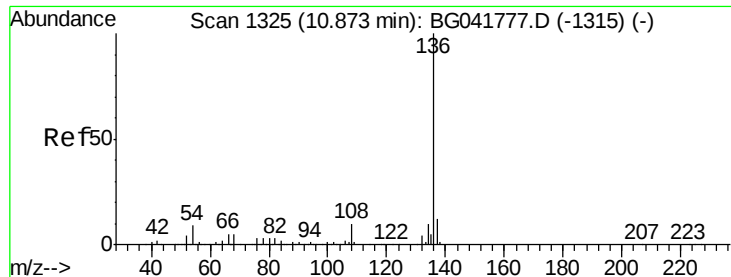
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 59.0  | 55.8  | 83.6  |
| 101     | 11.0  | 8.1   | 12.1  |
| 130     | 23.4  | 17.3  | 25.9  |



#20  
3+4-Methylphenols  
Concen: 43.690 ng  
RT: 8.81 min Scan# 974  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.0  | 67.5  | 107.5 |
| 77      | 32.0  | 12.3  | 52.3  |
| 79      | 28.3  | 8.3   | 48.3  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 382193

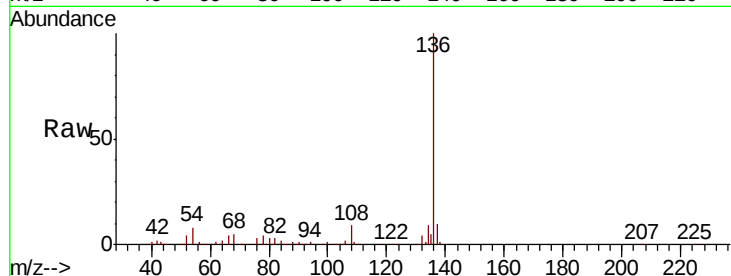
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 8.0 8.7 13.1#

68 5.4 5.5 8.3#

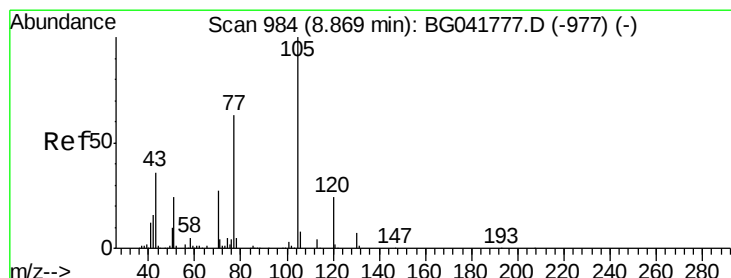
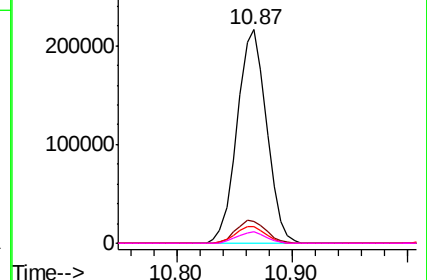
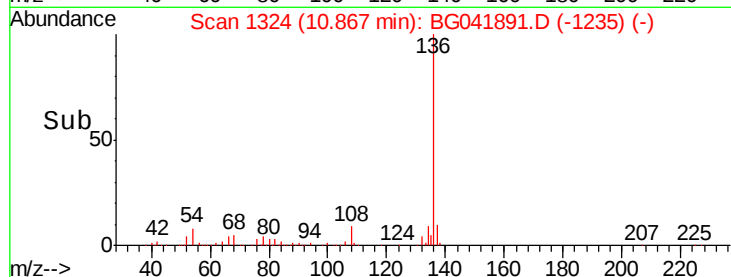


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.971 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Tgt Ion:105 Resp: 333154

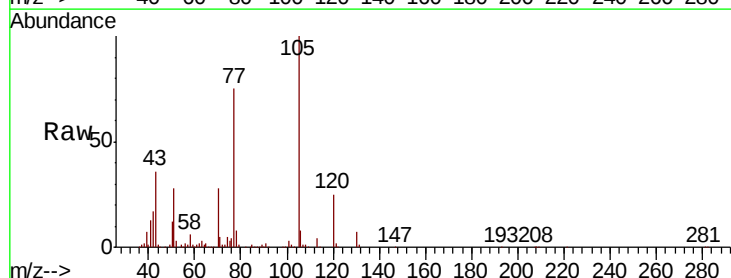
Ion Ratio Lower Upper

105 100

71 5.1 5.9 8.9#

51 28.5 27.7 41.5

120 25.4 19.3 28.9

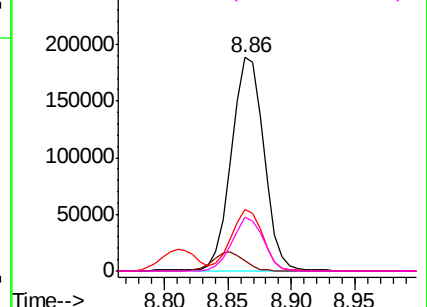
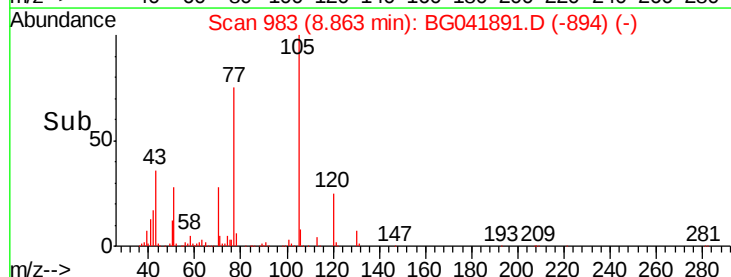


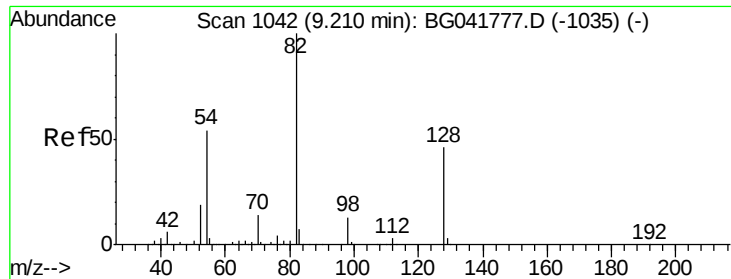
Abundance Ion 105.00 (104.70 to 105.70): E

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

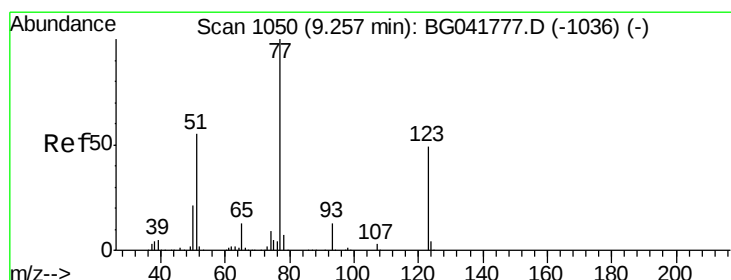
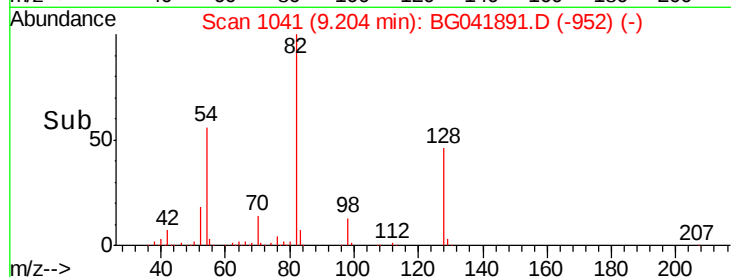
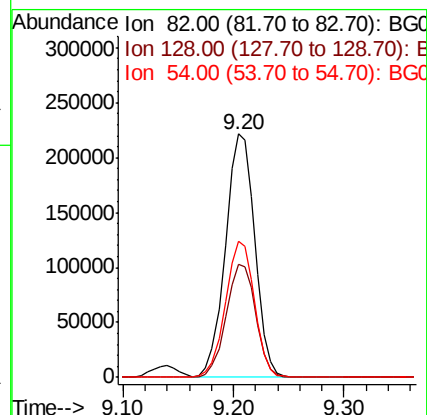
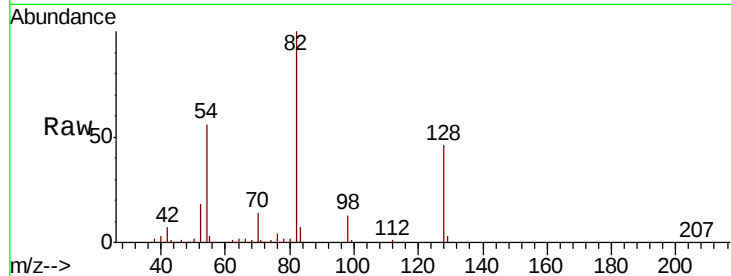




#23  
 Nitrobenzene-d5  
 Concen: 73.968 ng  
 RT: 9.20 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

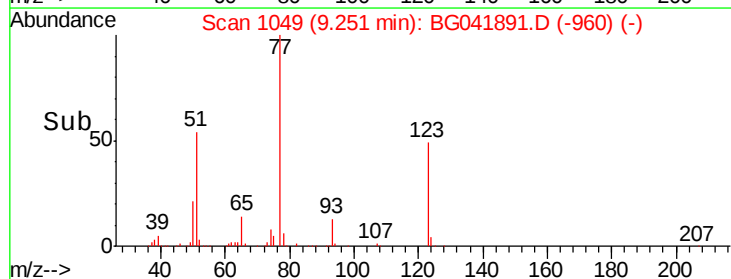
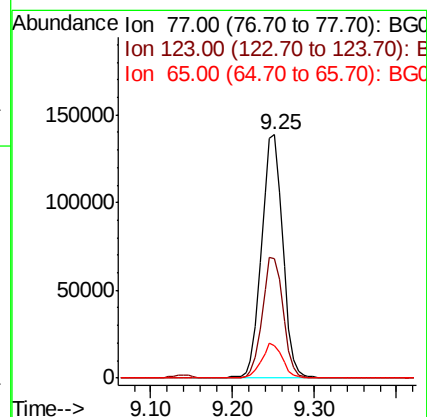
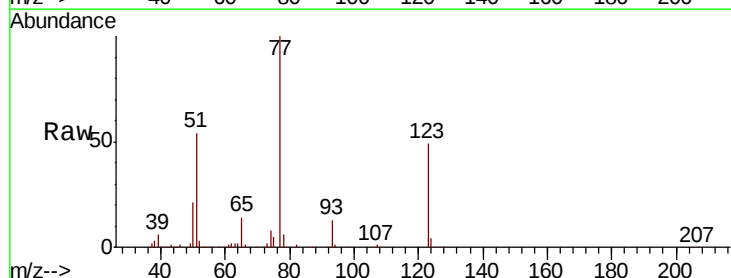
Instrument :  
 BNA\_G  
 ClientSampled :

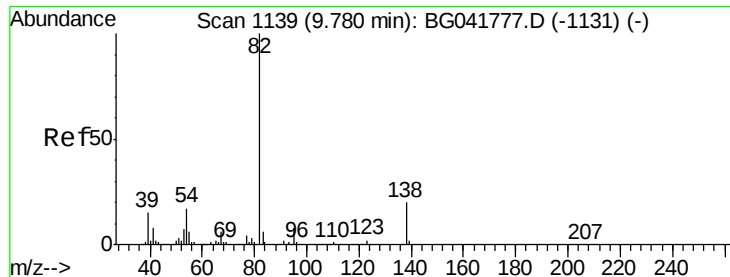
| Tot Ion   | 82   | Resp  | 410805 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 46.5 | 35.1  | 52.7   |
| 54        | 55.7 | 48.7  | 73.1   |



#24  
 Nitrobenzene  
 Concen: 42.914 ng  
 RT: 9.25 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

| Tgt Ion   | 77   | Resp  | 251091 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 49.0 | 38.1  | 57.1   |
| 65        | 13.5 | 11.0  | 16.6   |





#25

Isophorone

Concen: 39.737 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

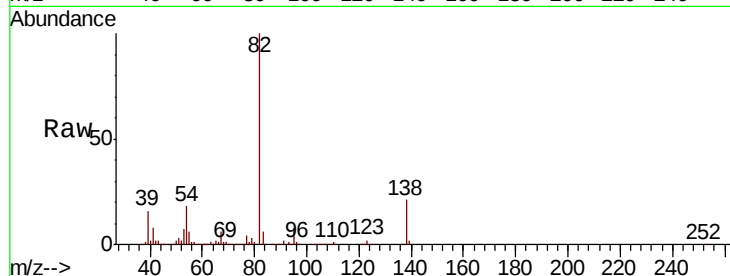
Tot Ion: 82 Resp: 480082

Ion Ratio Lower Upper

82 100

95 7.8 5.9 8.9

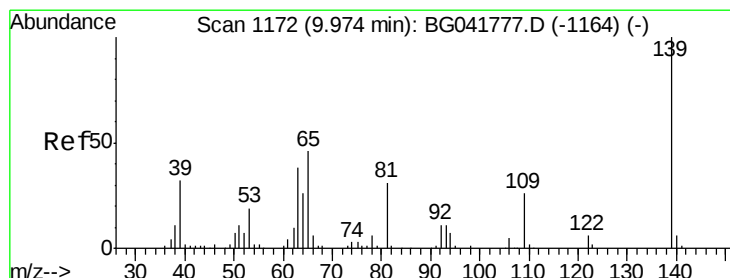
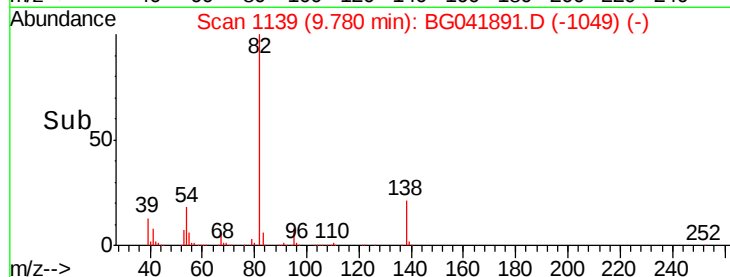
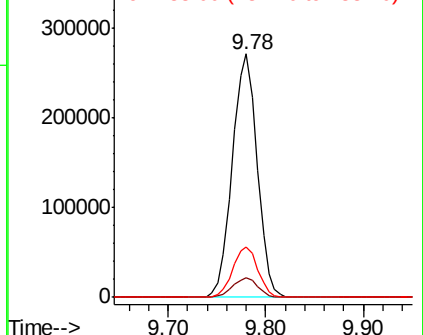
138 20.7 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BG041891.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BG041891.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BG041891.D (-1049) (-)



#26

2-Nitrophenol

Concen: 59.214 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

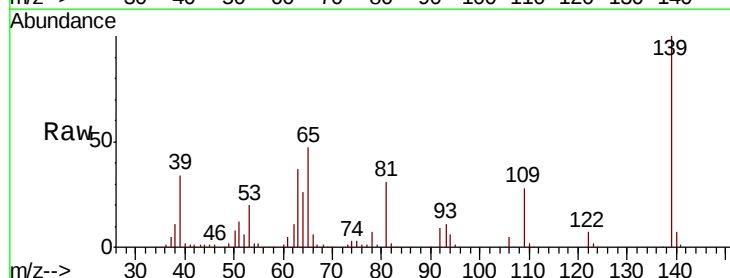
Tgt Ion: 139 Resp: 160797

Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

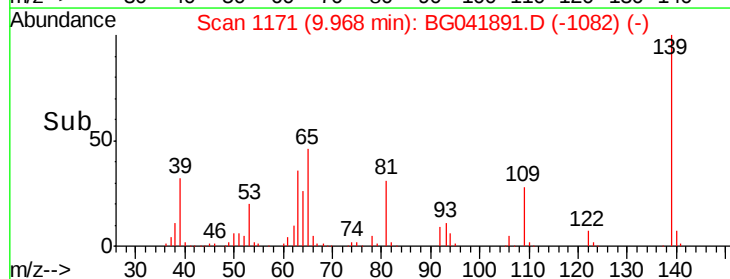
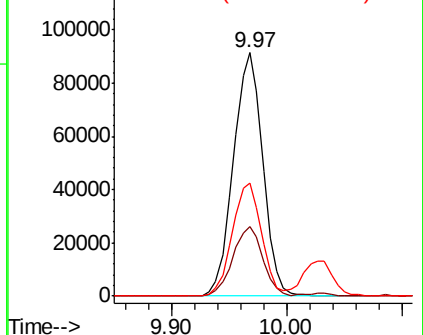
65 46.6 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): BG041891.D (-1082) (-)

Ion 109.00 (108.70 to 109.70): BG041891.D (-1082) (-)

Ion 65.00 (64.70 to 65.70): BG041891.D (-1082) (-)

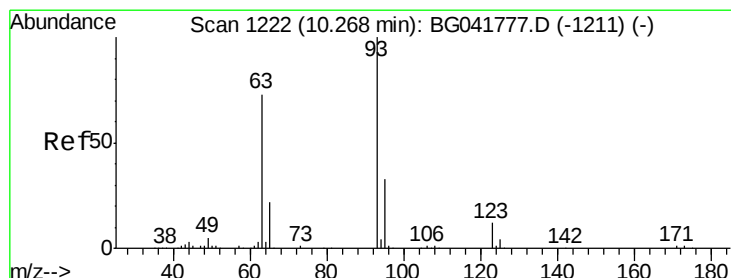
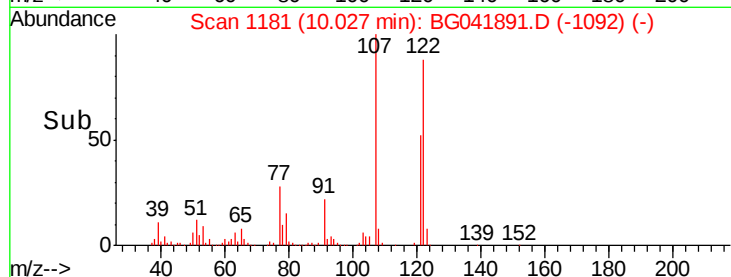
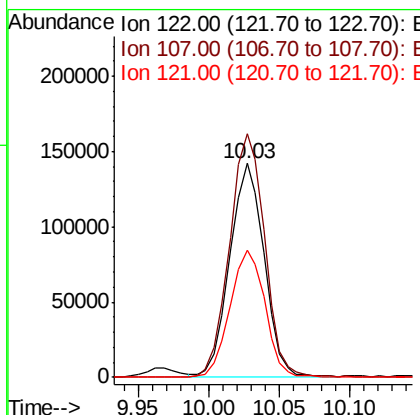
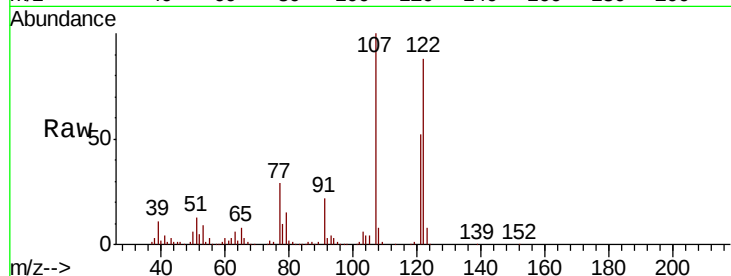




#27  
 2,4-Dimethylphenol  
 Concen: 49.943 ng  
 RT: 10.03 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

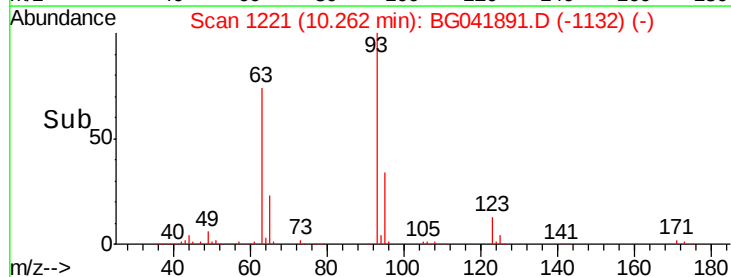
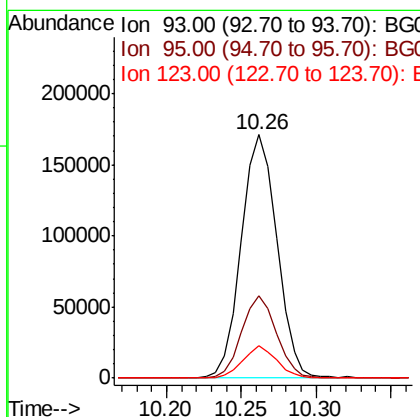
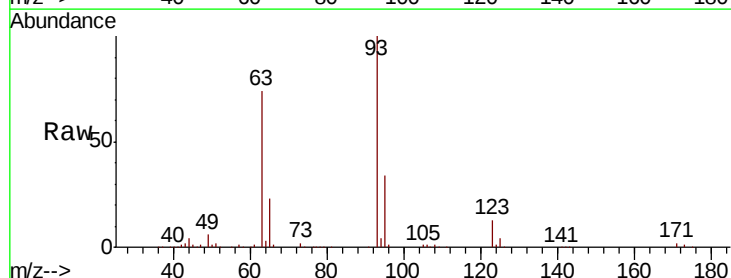
Instrument :  
 BNA\_G  
 ClientSampleId :

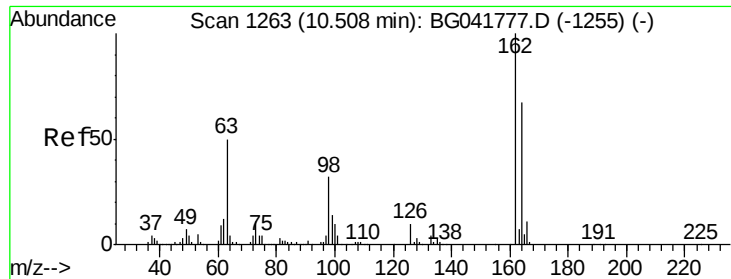
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.8 | 91.3  | 136.9 |
| 121     | 59.4  | 49.2  | 73.8  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.591 ng  
 RT: 10.26 min Scan# 1221  
 Delta R.T. -0.01 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.0  | 26.2  | 39.4  |
| 123     | 13.1  | 9.9   | 14.9  |

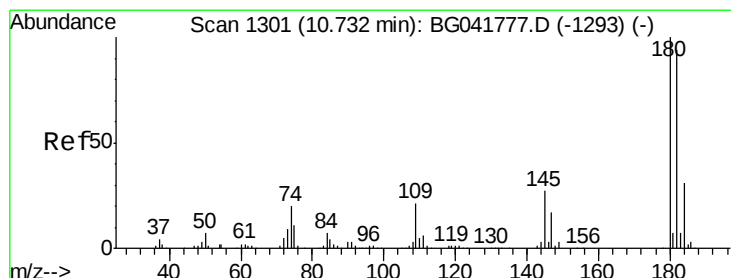
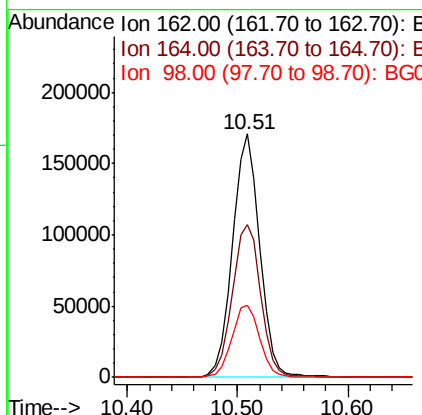
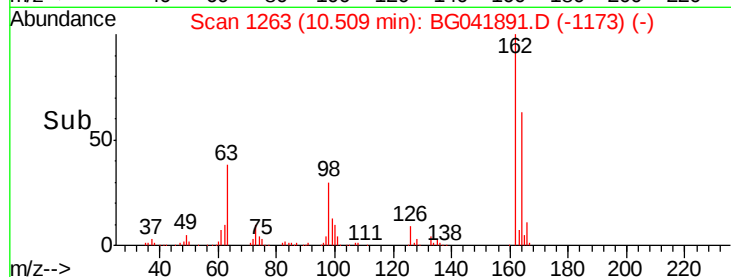
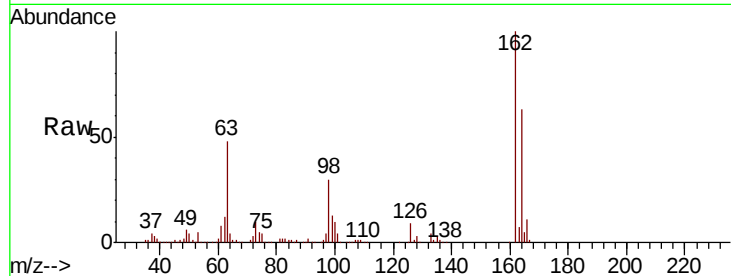




#29  
 2,4-Dichlorophenol  
 Concen: 50.819 ng  
 RT: 10.51 min Scan# 1263  
 Delta R.T. 0.00 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

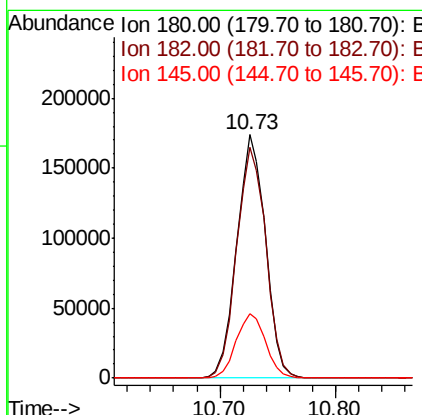
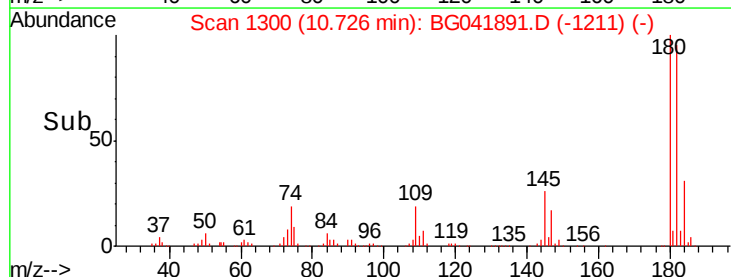
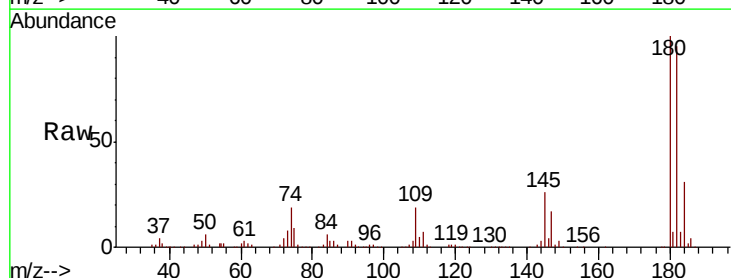
Instrument :  
 BNA\_G  
 ClientSampleId :

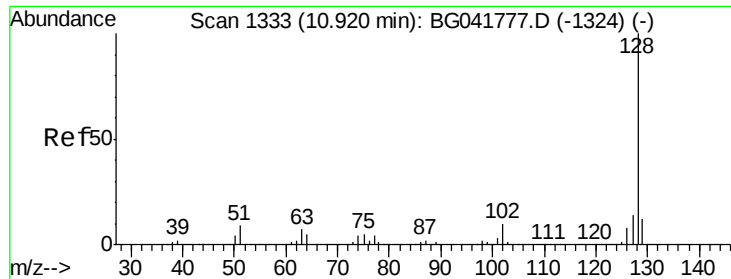
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.5  | 46.1  | 86.1  |
| 98      | 29.6  | 14.7  | 54.7  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.342 ng  
 RT: 10.73 min Scan# 1300  
 Delta R.T. -0.01 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.7  | 76.2  | 114.2 |
| 145     | 26.3  | 23.8  | 35.8  |

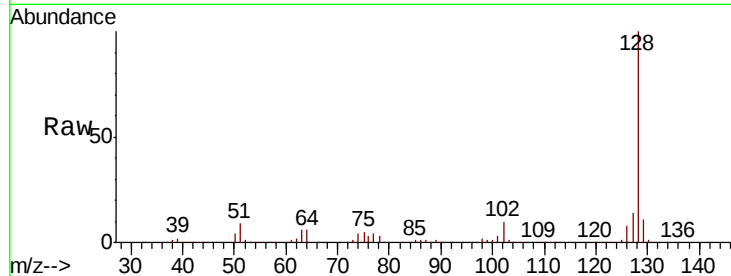




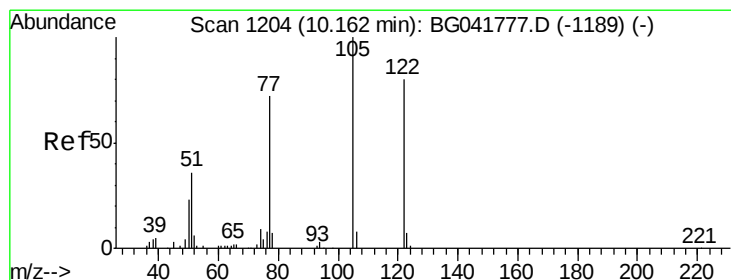
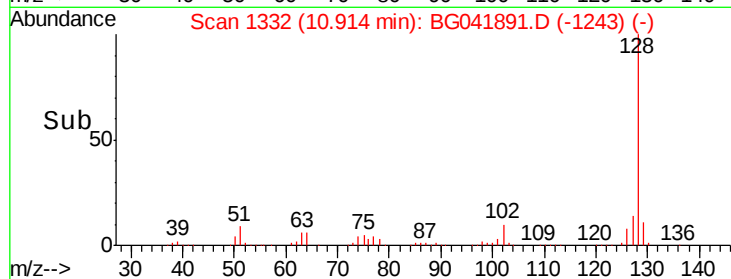
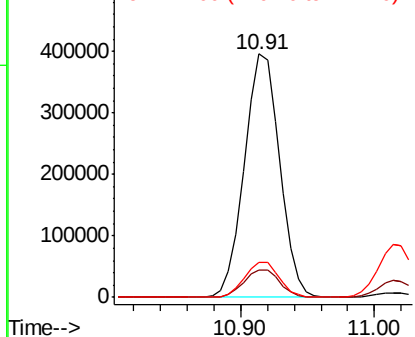
#31  
Naphthalene  
Concen: 41.280 ng  
RT: 10.91 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 722069  
Ion Ratio Lower Upper  
128 100  
129 11.5 10.0 15.0  
127 14.2 12.3 18.5

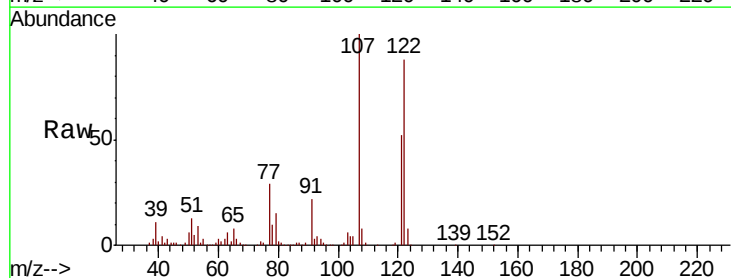


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

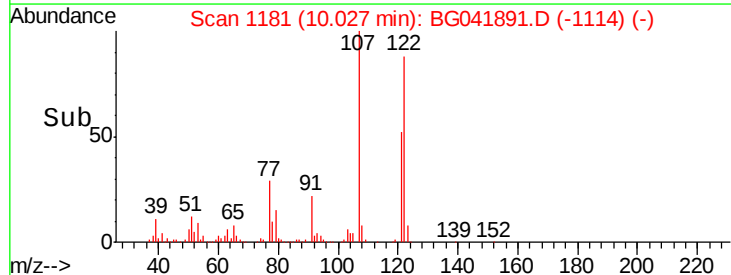
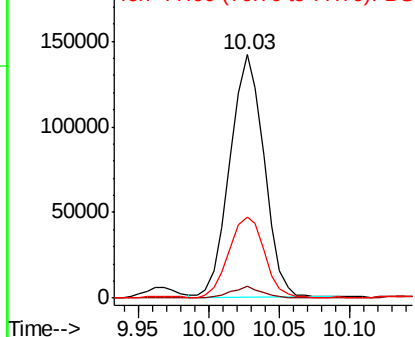


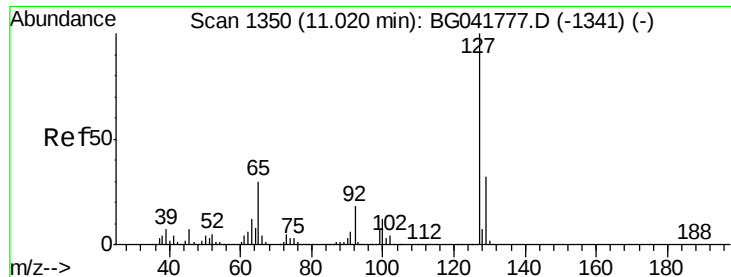
#32  
Benzoic acid  
Concen: 65.926 ng  
RT: 10.03 min Scan# 1181  
Delta R.T. -0.13 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Tgt Ion:122 Resp: 239359  
Ion Ratio Lower Upper  
122 100  
105 4.8 101.5 141.5#  
77 33.3 73.0 113.0#



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG

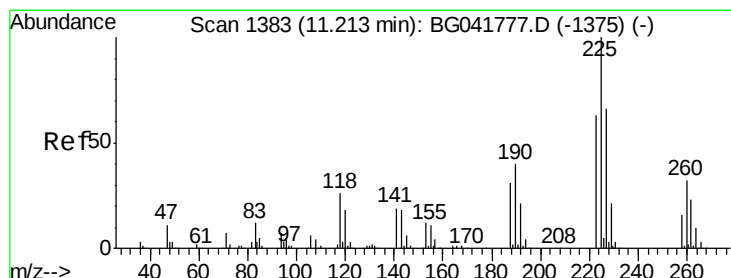
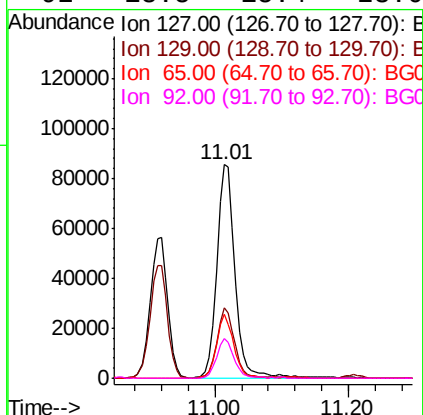
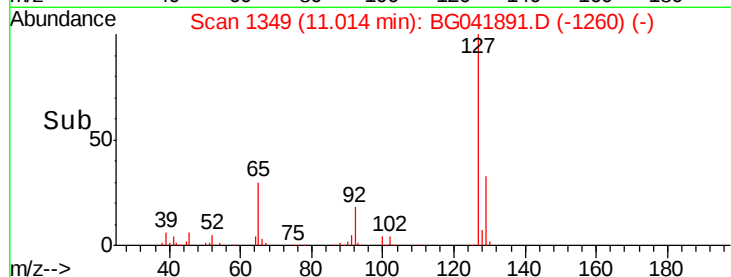
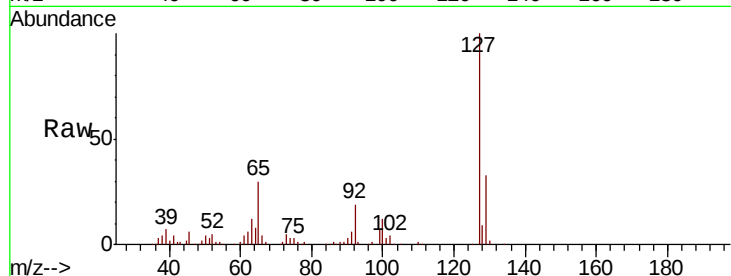




#33  
4-Chloroaniline  
Concen: 19.712 ng  
RT: 11.01 min Scan# 1349  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

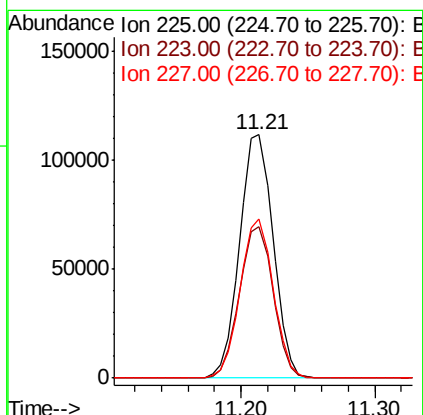
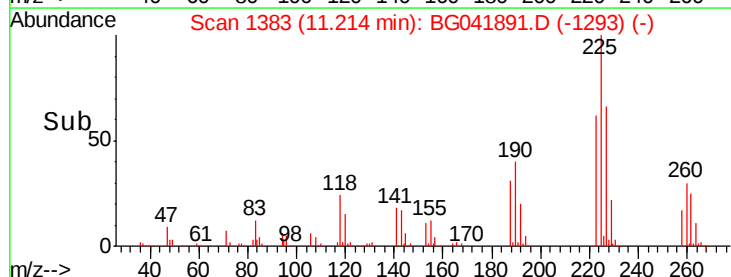
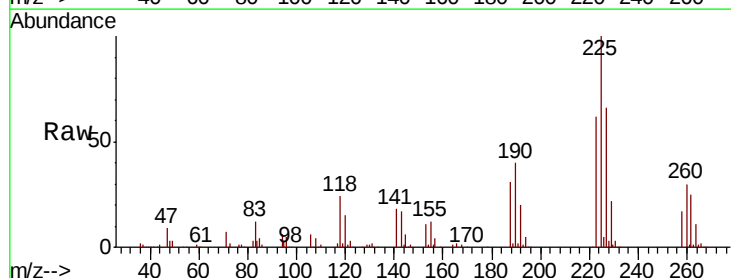
Instrument :  
BNA\_G  
ClientSampleId :

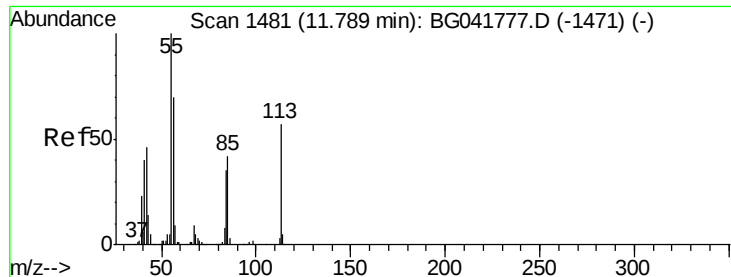
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 163513 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 25.8  | 38.8   |
| 65       | 30.0  | 26.7  | 40.1   |
| 92       | 18.5  | 15.4  | 23.0   |



#34  
Hexachlorobutadiene  
Concen: 38.814 ng  
RT: 11.21 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 193883 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.2  | 51.1  | 76.7   |
| 227      | 65.5  | 50.9  | 76.3   |





#35

Caprolactam

Concen: 30.650 ng

RT: 11.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

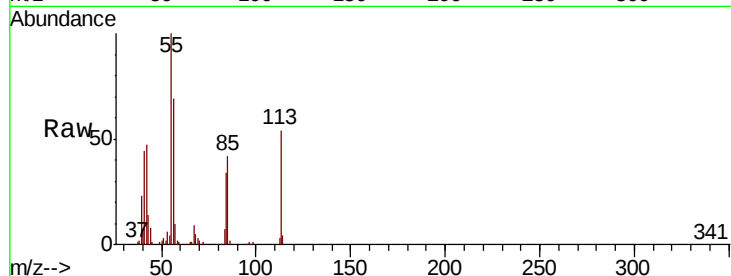
Tot Ion:113 Resp: 62168

Ion Ratio Lower Upper

113 100

55 184.2 199.4 239.4#

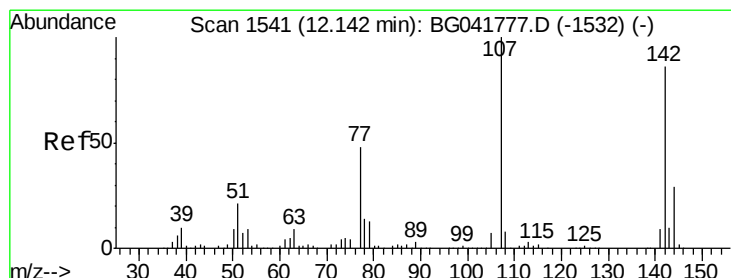
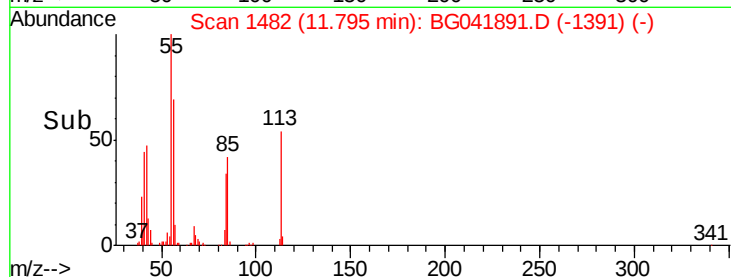
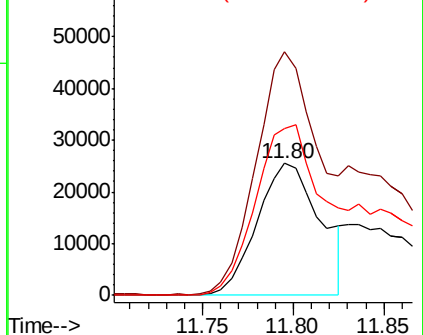
56 126.3 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.750 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

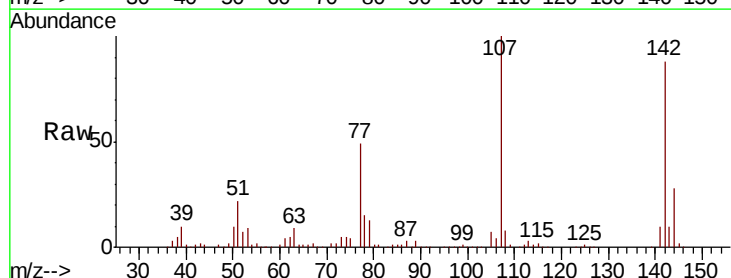
Tgt Ion:107 Resp: 293659

Ion Ratio Lower Upper

107 100

144 28.4 22.2 33.2

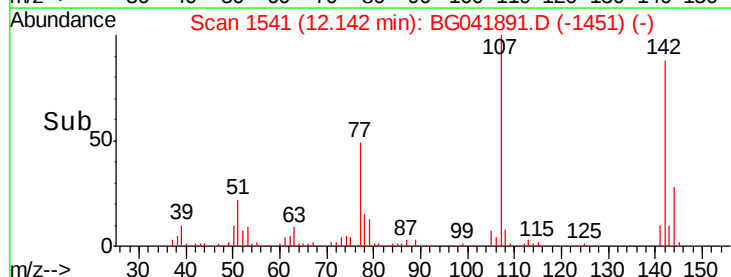
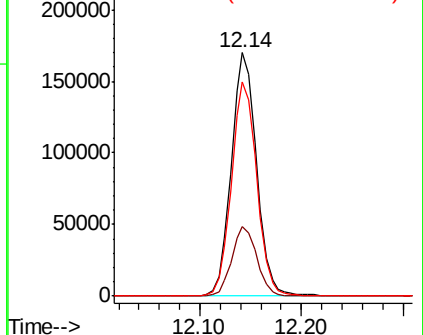
142 87.8 67.3 100.9

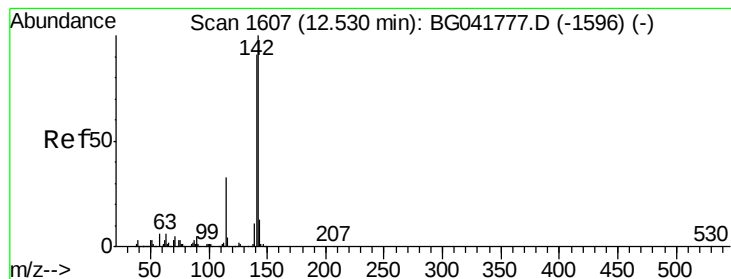


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.815 ng

RT: 12.52 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

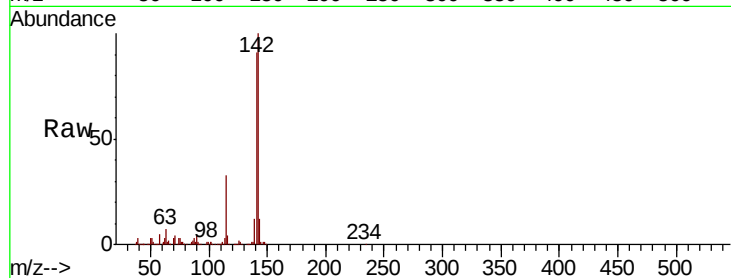
Tot Ion:142 Resp: 592800

Ion Ratio Lower Upper

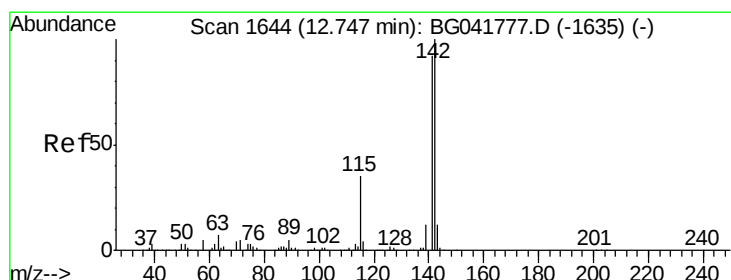
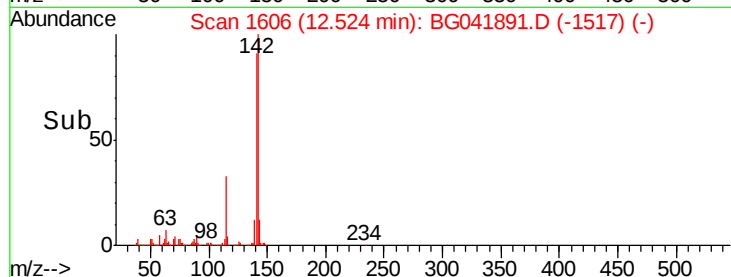
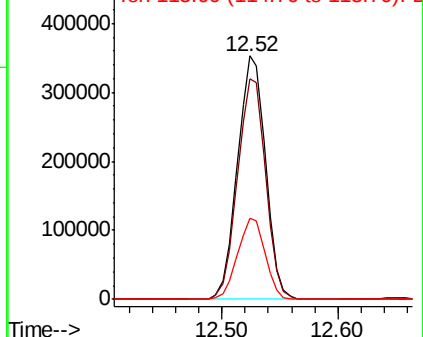
142 100

141 90.5 72.7 109.1

115 33.4 27.0 40.4



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: 42.632 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

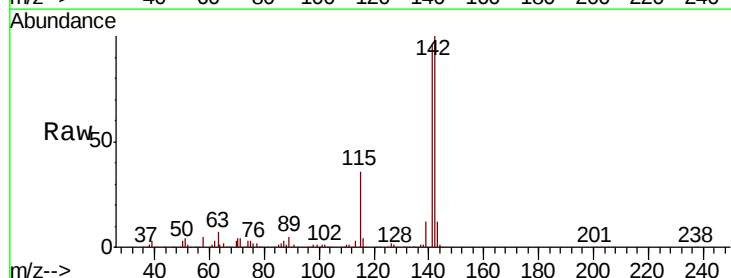
Tgt Ion:142 Resp: 559377

Ion Ratio Lower Upper

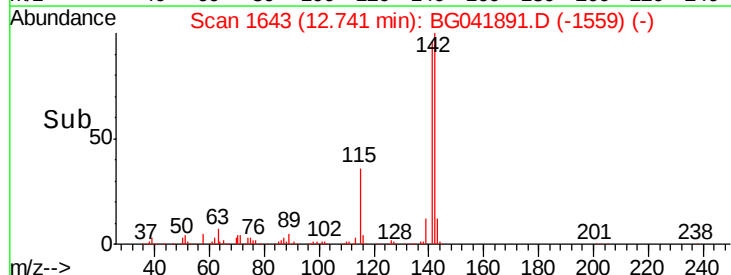
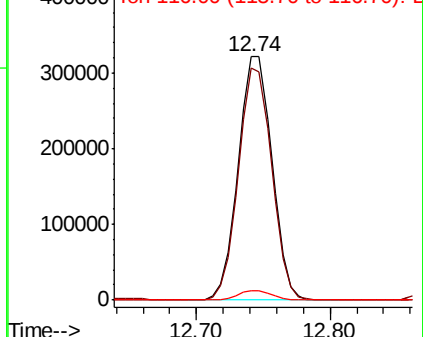
142 100

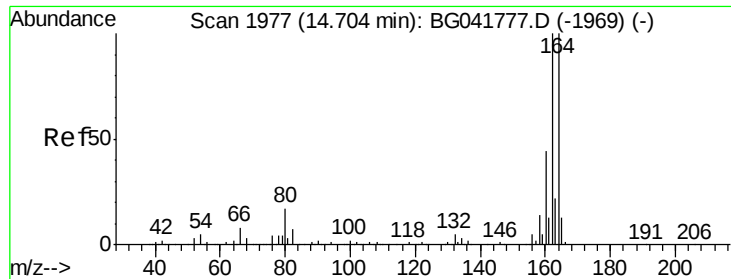
141 95.5 75.4 113.2

116 3.6 3.2 4.8



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: 14.70 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampled :

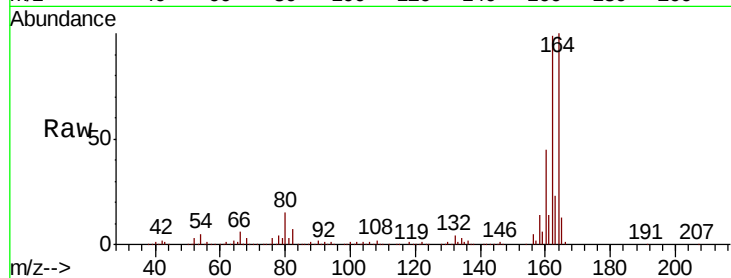
Tot Ion:164 Resp: 293946

Ion Ratio Lower Upper

164 100

162 98.7 79.6 119.4

160 45.4 35.4 53.0

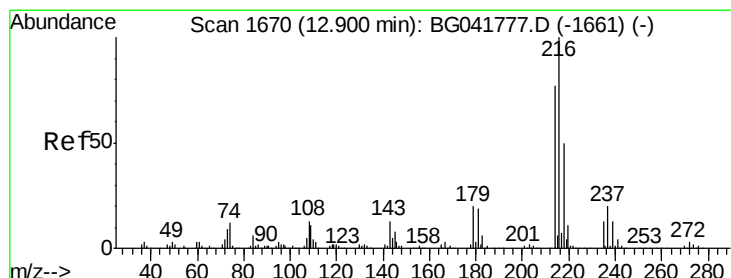
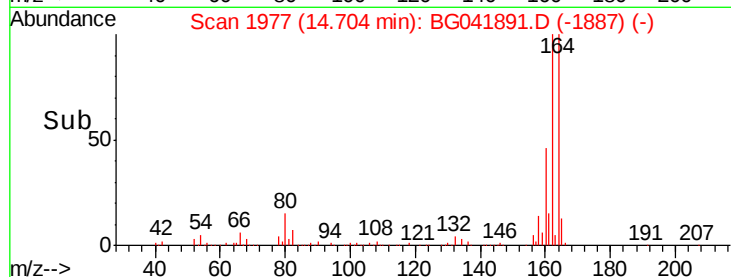
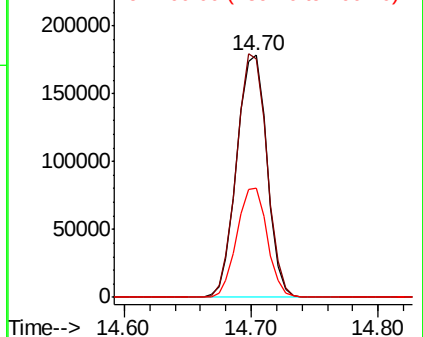


Abundance

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: 41.516 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Tgt Ion:216 Resp: 386289

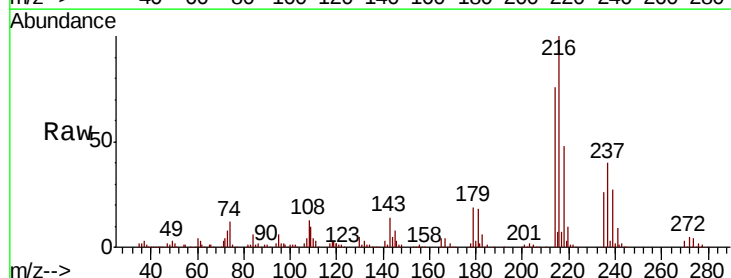
Ion Ratio Lower Upper

216 100

214 76.1 61.5 92.3

179 18.8 16.2 24.2

108 14.3 13.2 19.8



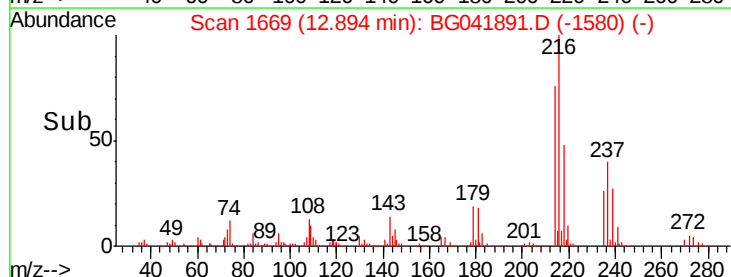
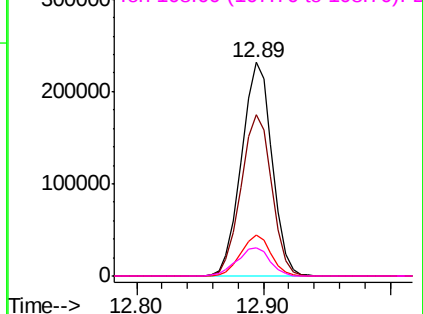
Abundance

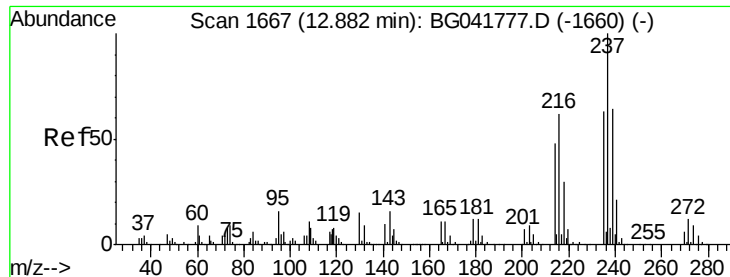
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 71.797 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

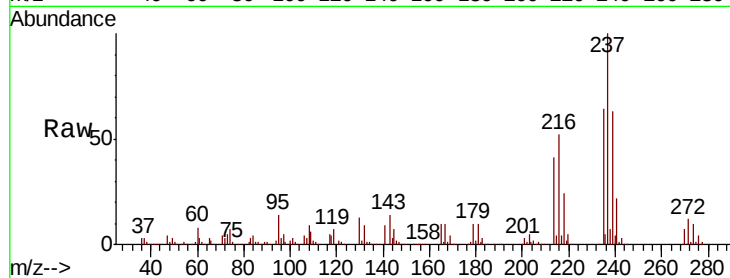
Tot Ion:237 Resp: 375594

Ion Ratio Lower Upper

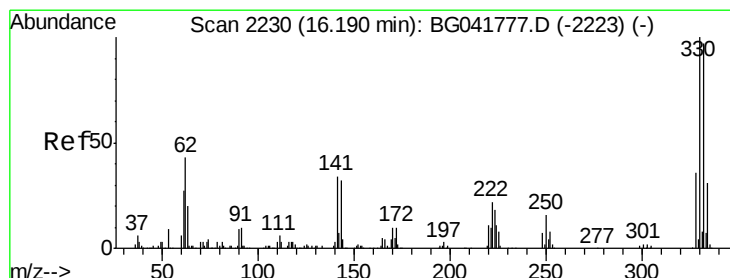
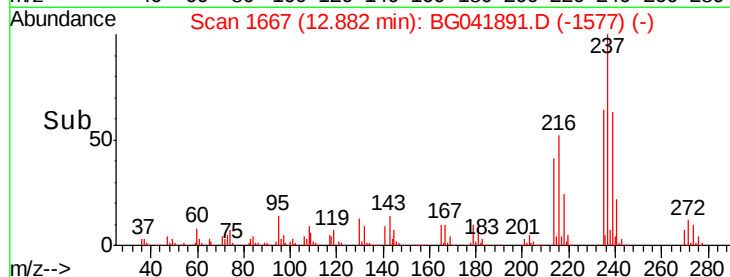
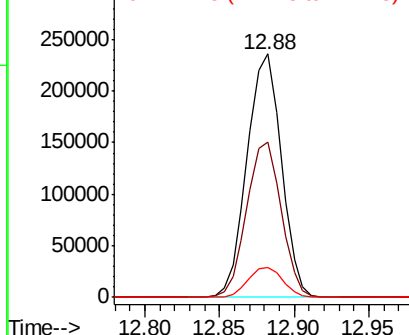
237 100

235 63.7 43.5 83.5

272 12.2 0.0 31.2



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: 125.580 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

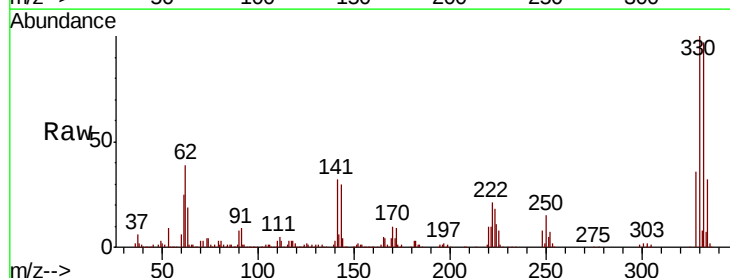
Tgt Ion:330 Resp: 419289

Ion Ratio Lower Upper

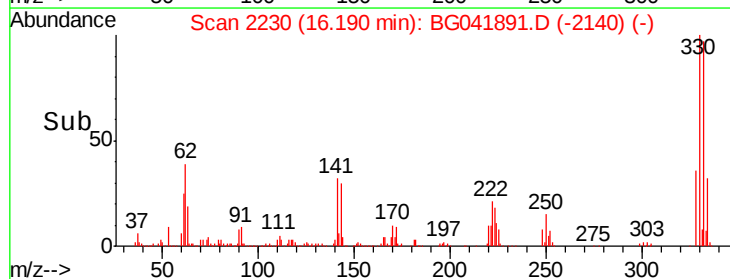
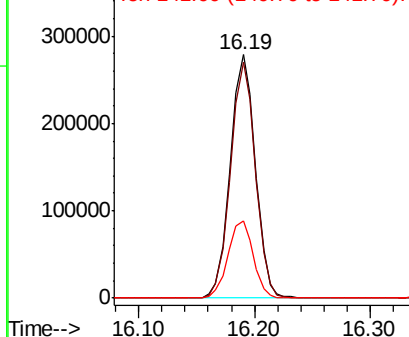
330 100

332 96.2 77.4 116.0

141 31.9 31.9 47.9#



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

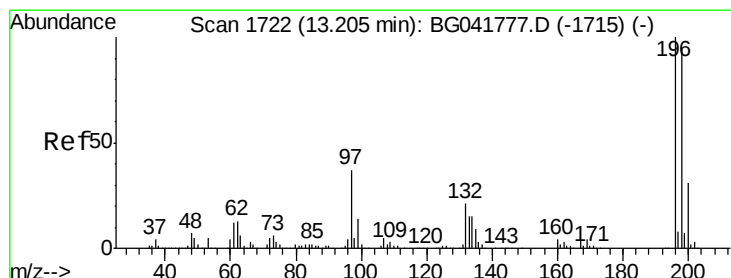
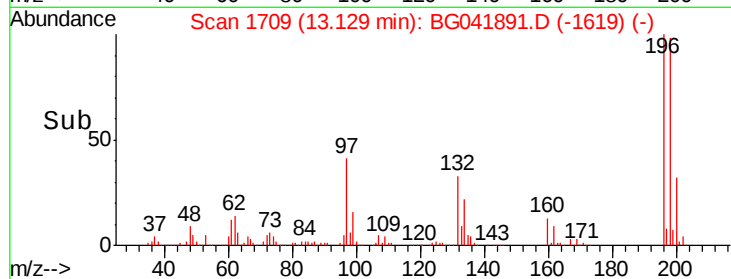
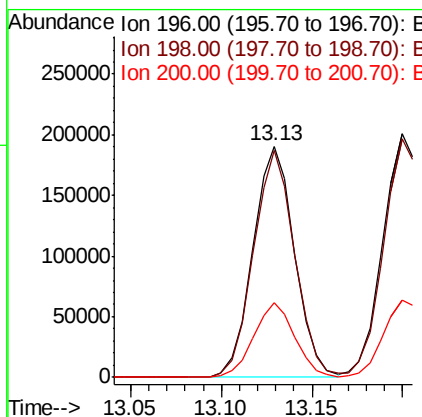
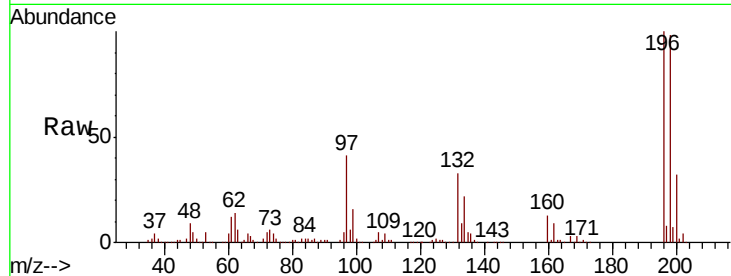




#43  
 2,4,6-Trichlorophenol  
 Concen: 51.771 ng  
 RT: 13.13 min Scan# 1709  
 Delta R.T. 0.00 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

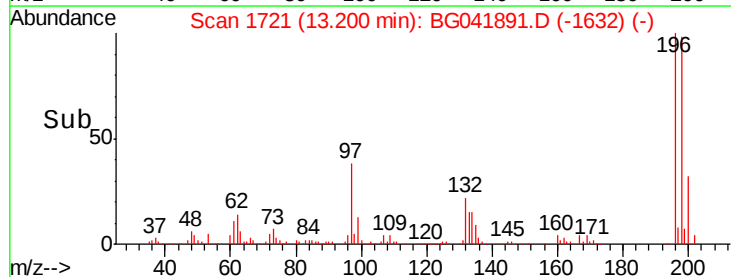
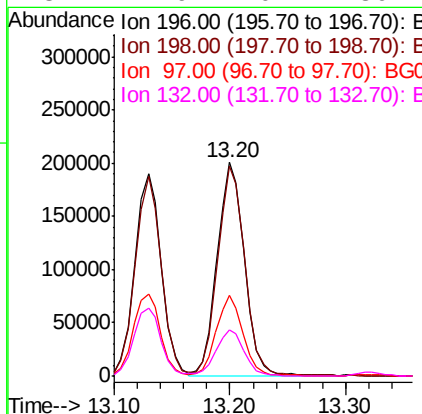
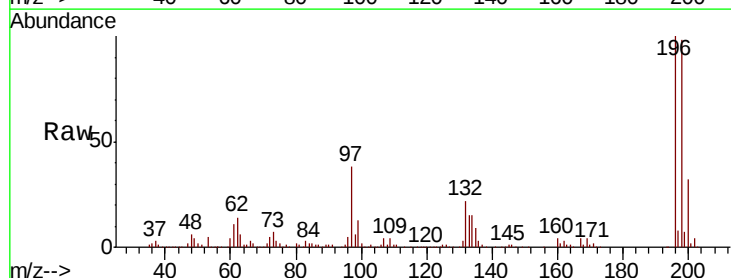
Instrument :  
 BNA\_G  
 ClientSampleId :

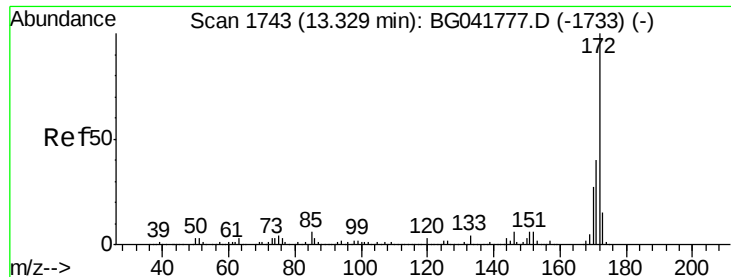
Tot Ion:196 Resp: 304458  
 Ion Ratio Lower Upper  
 196 100  
 198 98.5 79.6 119.4  
 200 32.1 25.2 37.8



#44  
 2,4,5-Trichlorophenol  
 Concen: 53.103 ng  
 RT: 13.20 min Scan# 1721  
 Delta R.T. -0.01 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

Tgt Ion:196 Resp: 324532  
 Ion Ratio Lower Upper  
 196 100  
 198 98.0 80.6 121.0  
 97 37.9 33.9 50.9  
 132 21.9 20.2 30.2

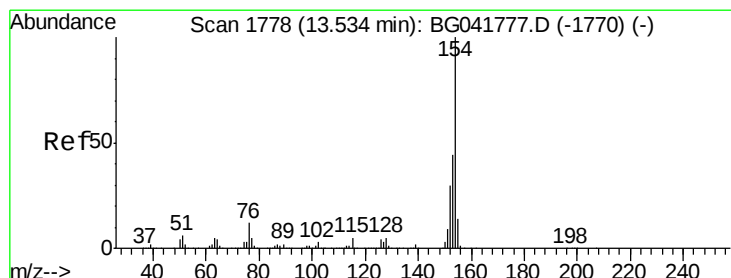
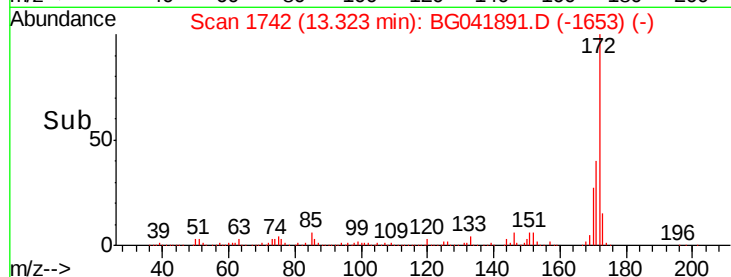
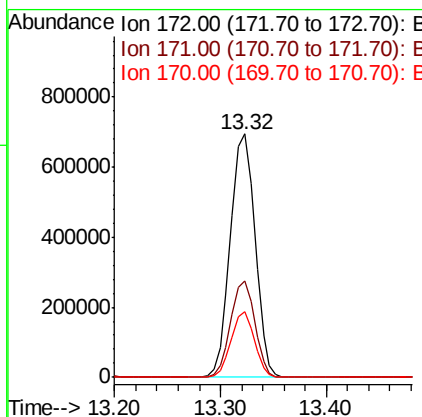
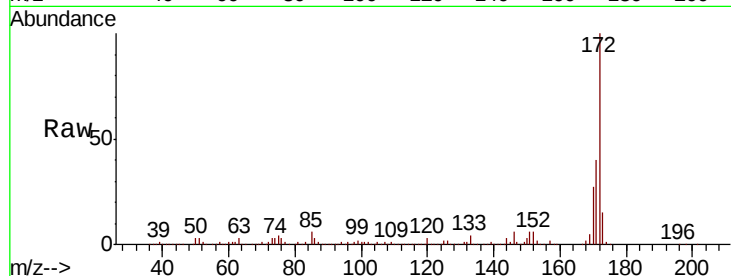




#45  
2-Fluorobiphenyl  
Concen: 67.589 ng  
RT: 13.32 min Scan# 1742  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

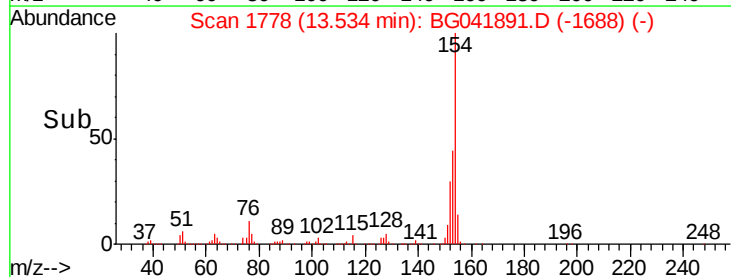
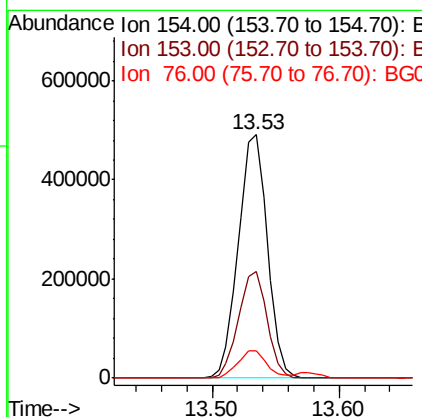
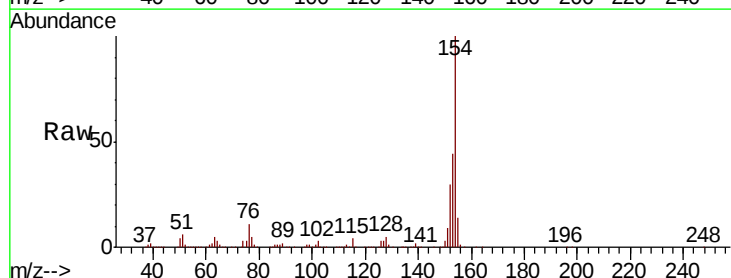
Instrument :  
BNA\_G  
ClientSampleId :

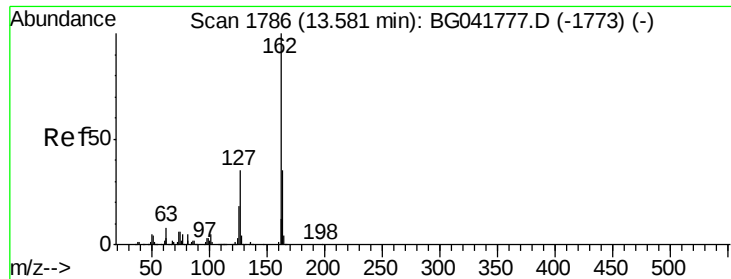
Tot Ion:172 Resp: 1126456  
Ion Ratio Lower Upper  
172 100  
171 39.8 35.0 52.4  
170 26.8 23.5 35.3



#46  
1,1'-Biphenyl  
Concen: 41.277 ng  
RT: 13.53 min Scan# 1778  
Delta R.T. 0.00 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Tgt Ion:154 Resp: 779962  
Ion Ratio Lower Upper  
154 100  
153 43.6 25.0 65.0  
76 11.4 0.0 34.5

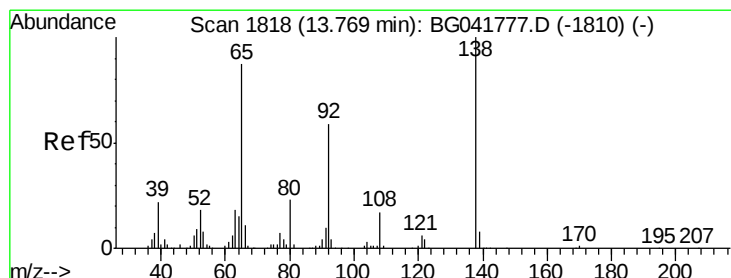
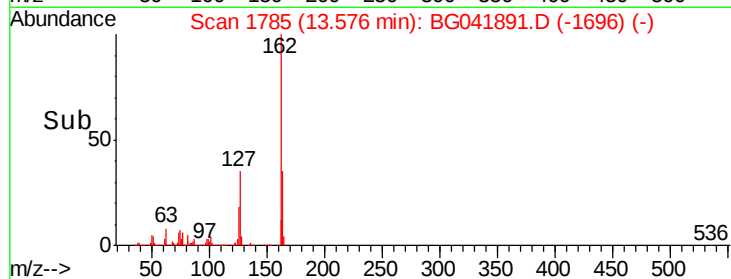
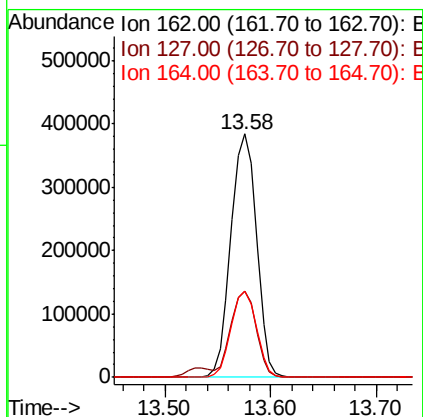
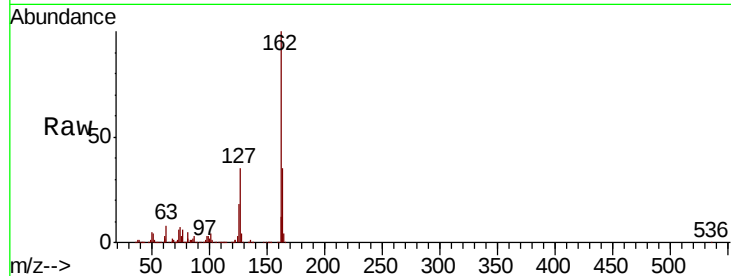




#47  
2-Chloronaphthalene  
Concen: 40.069 ng  
RT: 13.58 min Scan# 1785  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

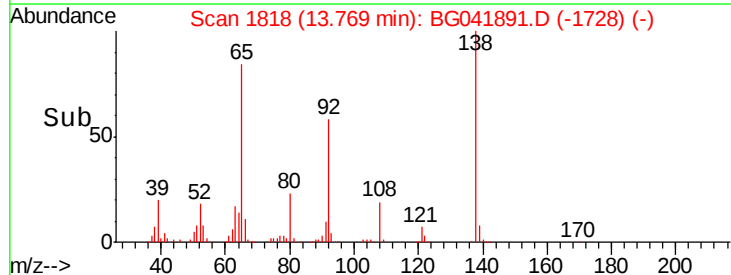
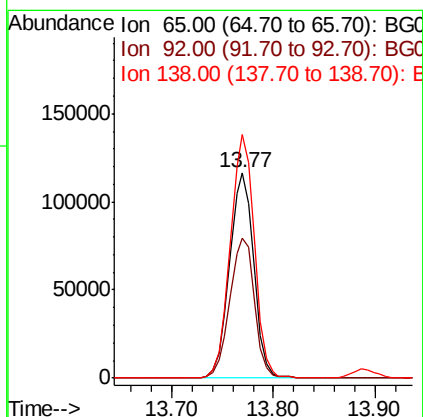
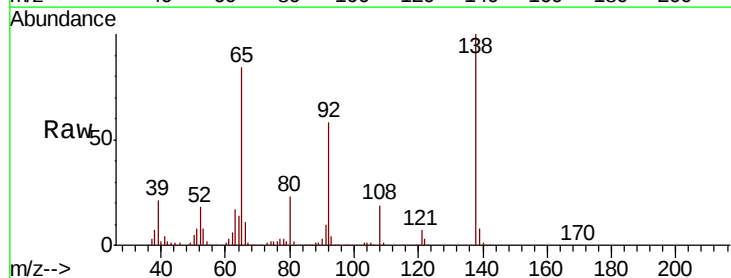
Instrument :  
BNA\_G  
ClientSampled :

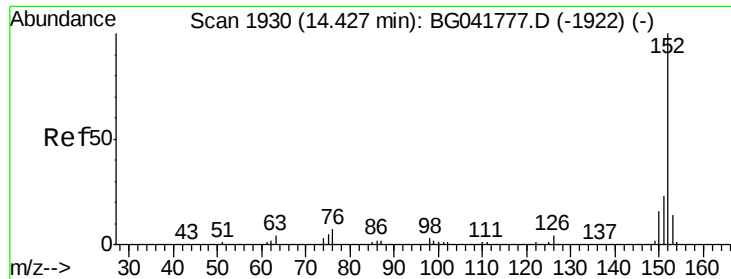
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 35.5  | 30.4  | 45.6  |
| 164     | 35.4  | 28.6  | 42.8  |



#48  
2-Nitroaniline  
Concen: 47.086 ng  
RT: 13.77 min Scan# 1818  
Delta R.T. 0.00 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.3  | 53.9  | 80.9  |
| 138     | 118.6 | 83.5  | 125.3 |





#49

Acenaphthylene

Concen: 42.874 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

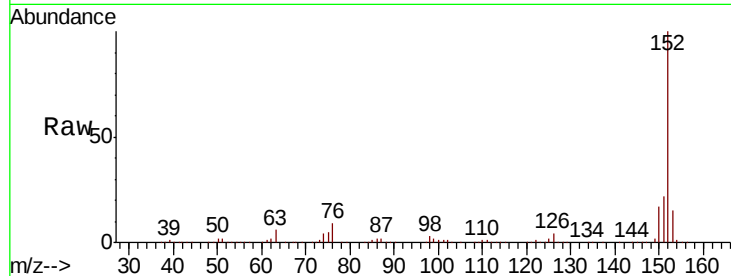
Tot Ion:152 Resp: 1031745

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 22.4  | 18.7  | 28.1  |
| 153 | 14.8  | 12.4  | 18.6  |

152 100

151 22.4 18.7 28.1

153 14.8 12.4 18.6

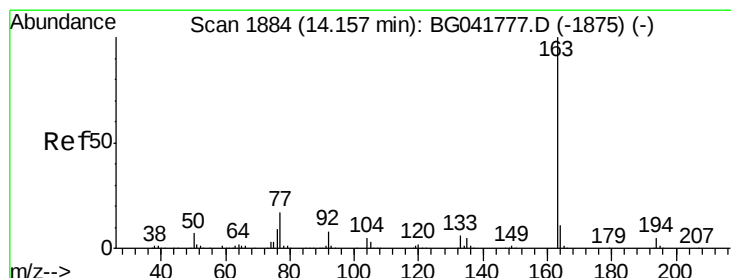
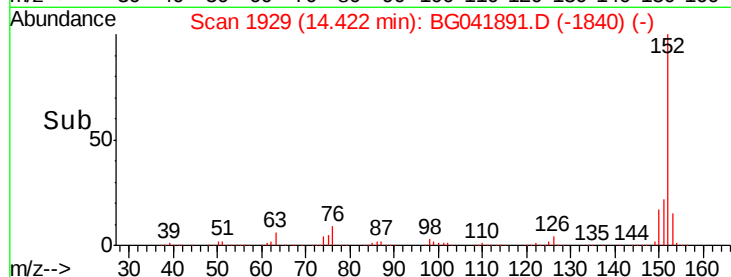
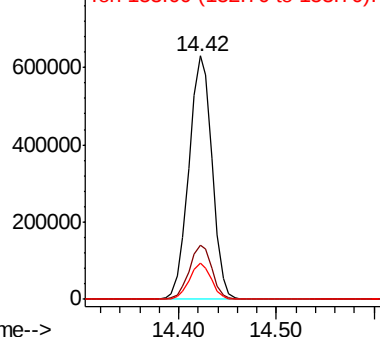


Abundance

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: 47.594 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

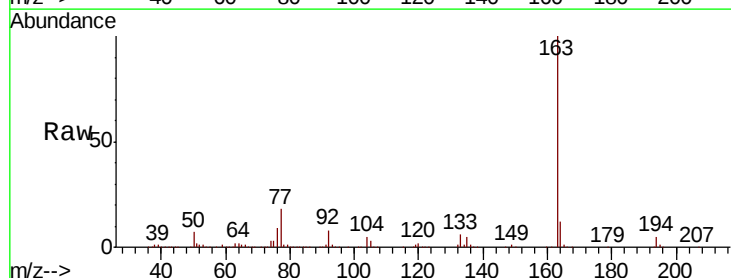
Tgt Ion:163 Resp: 955467

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 5.4   | 4.2   | 6.2   |
| 164 | 11.8  | 9.4   | 14.2  |

163 100

194 5.4 4.2 6.2

164 11.8 9.4 14.2

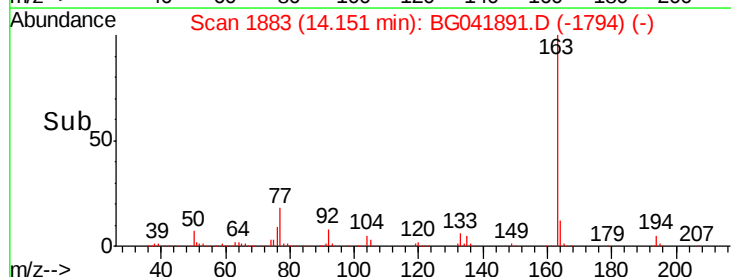
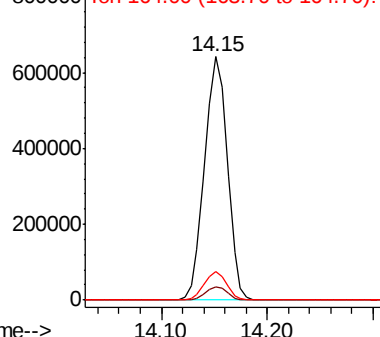


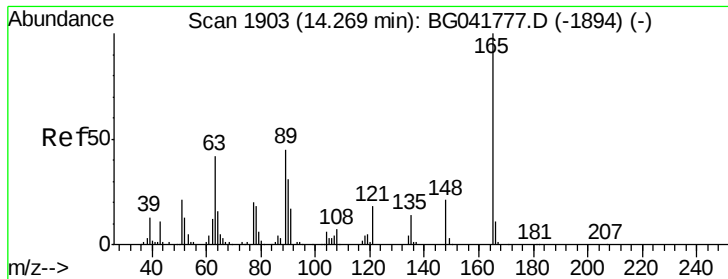
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

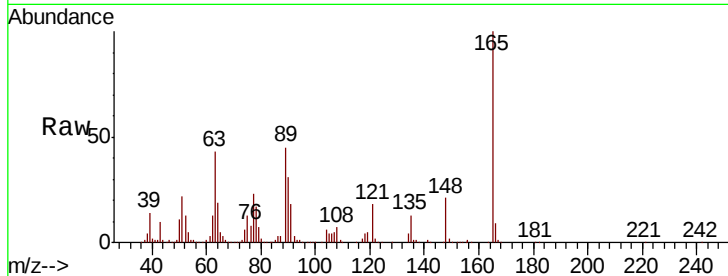




#51  
2,6-Dinitrotoluene  
Concen: 50.007 ng  
RT: 14.26 min Scan# 1902  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.4  | 42.4  | 63.6  |
| 89      | 44.7  | 42.1  | 63.1  |

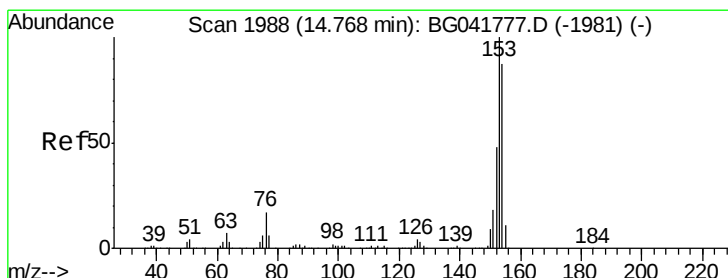
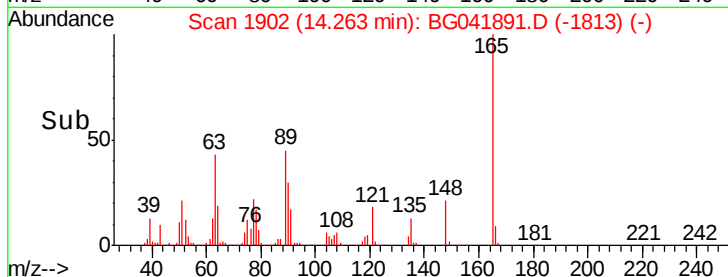
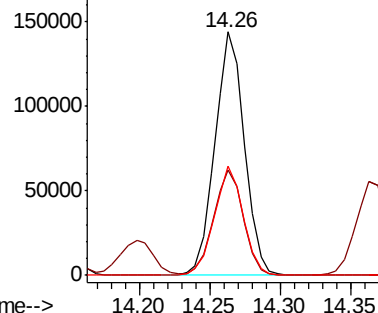


Abundance

Ion 165.00 (164.70 to 165.70): E

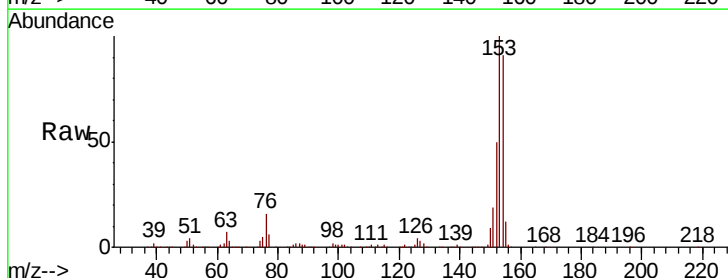
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52  
Acenaphthene  
Concen: 43.175 ng  
RT: 14.77 min Scan# 1988  
Delta R.T. 0.00 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 110.2 | 89.8  | 134.6 |
| 152     | 55.6  | 44.9  | 67.3  |

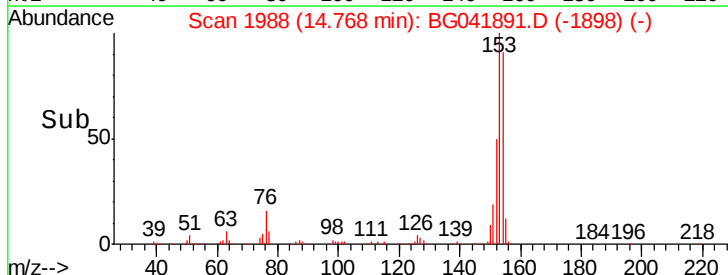
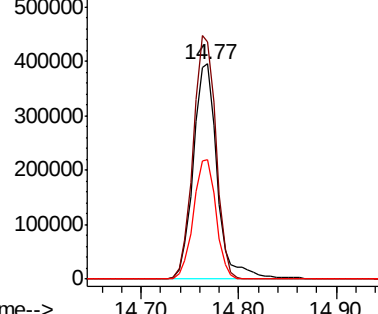


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

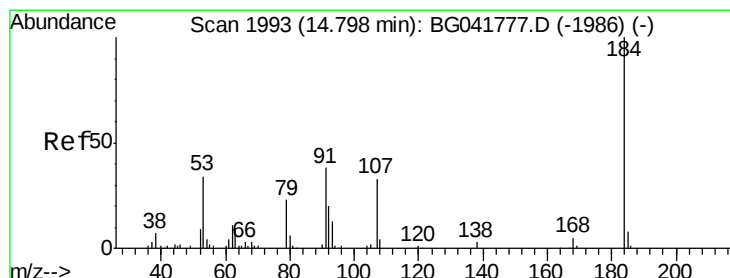
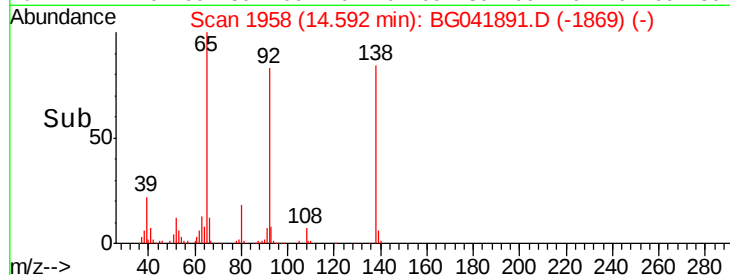
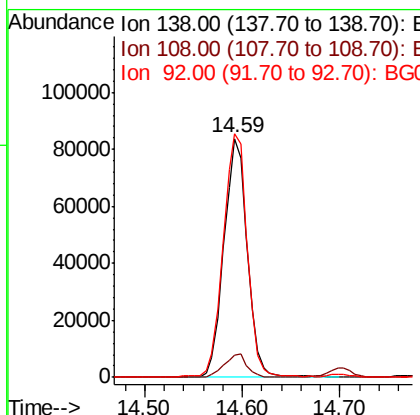
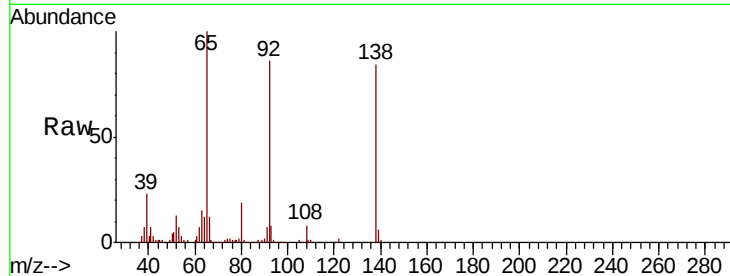




#53  
3-Nitroaniline  
Concen: 30.997 ng  
RT: 14.59 min Scan# 1958  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

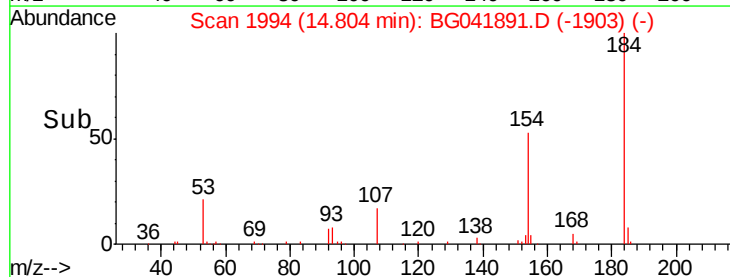
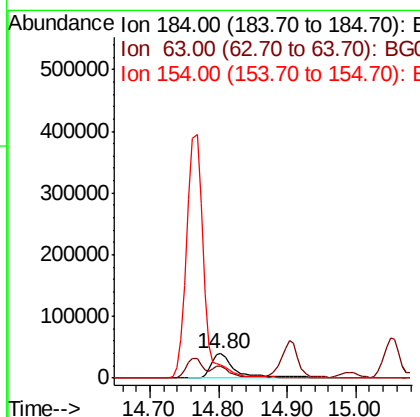
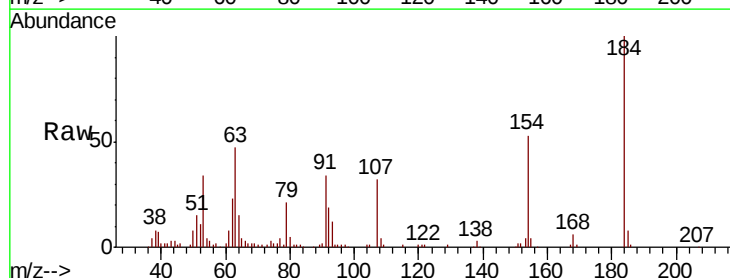
Instrument :  
BNA\_G  
ClientSampleId :

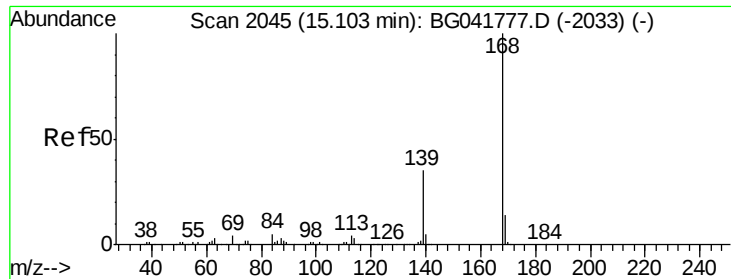
Tot Ion:138 Resp: 139203  
Ion Ratio Lower Upper  
138 100  
108 9.4 10.3 15.5#  
92 101.8 93.0 139.4



#54  
2,4-Dinitrophenol  
Concen: 46.815 ng  
RT: 14.80 min Scan# 1994  
Delta R.T. 0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Tgt Ion:184 Resp: 99600  
Ion Ratio Lower Upper  
184 100  
63 46.6 43.2 64.8  
154 52.6 51.4 77.2

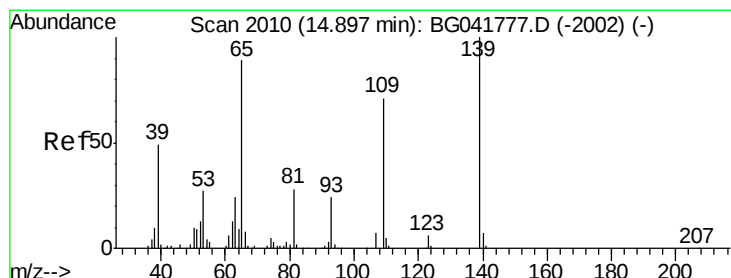
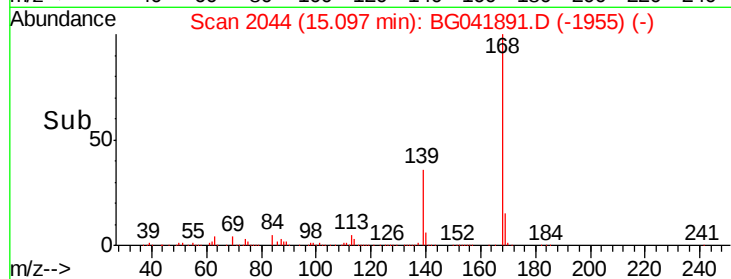
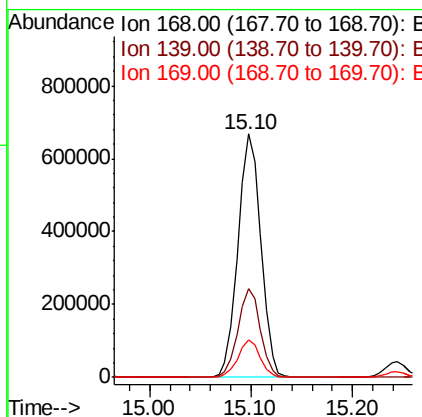
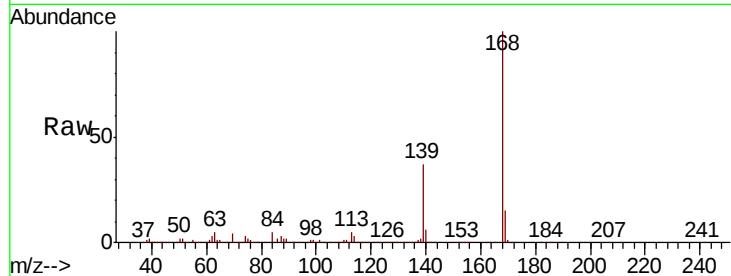




#55  
Dibenzenofuran  
Concen: 43.548 ng  
RT: 15.10 min Scan# 2044  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

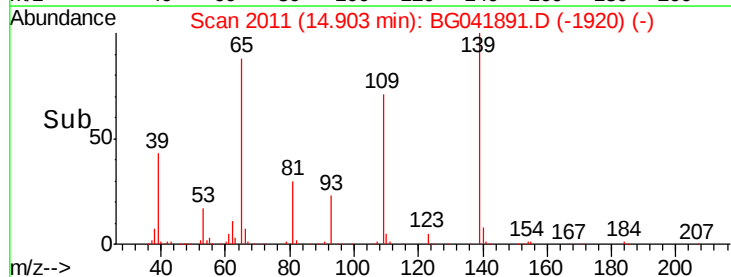
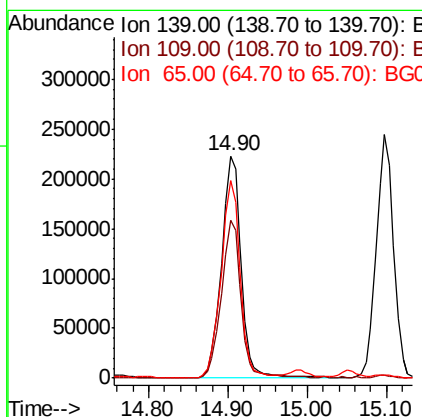
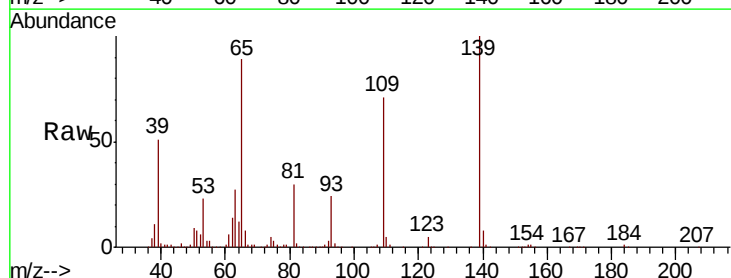
Instrument :  
BNA\_G  
ClientSampleId :

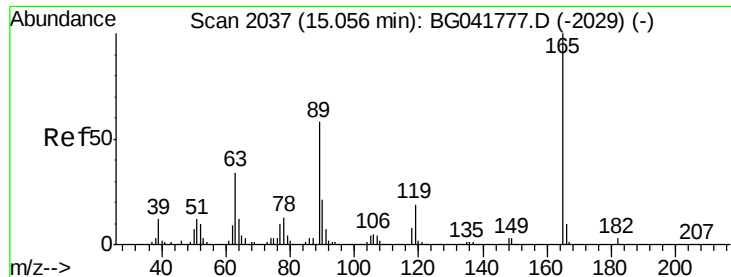
Tot Ion:168 Resp: 1042525  
Ion Ratio Lower Upper  
168 100  
139 36.6 31.9 47.9  
169 15.2 12.5 18.7



#56  
4-Nitrophenol  
Concen: 112.587 ng  
RT: 14.90 min Scan# 2011  
Delta R.T. 0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Tgt Ion:139 Resp: 383796  
Ion Ratio Lower Upper  
139 100  
109 71.1 51.3 91.3  
65 88.8 77.6 117.6

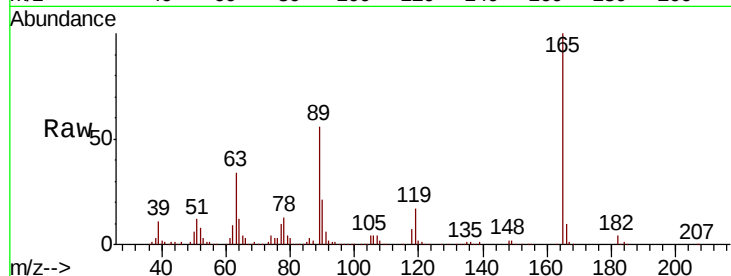




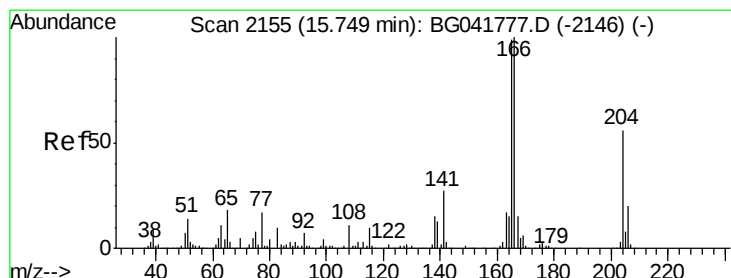
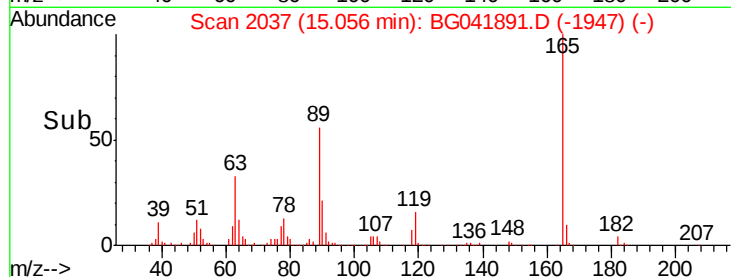
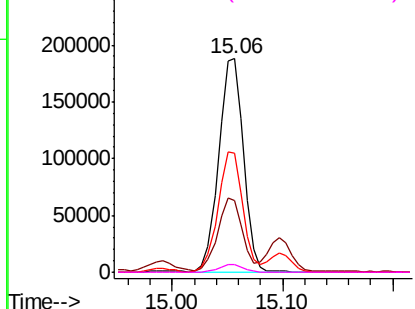
#57  
2,4-Dinitrotoluene  
Concen: 50.864 ng  
RT: 15.06 min Scan# 2037  
Delta R.T. 0.00 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:165 Resp: 293628  
Ion Ratio Lower Upper  
165 100  
63 33.5 31.7 47.5  
89 55.6 50.2 75.4  
182 3.6 2.6 4.0

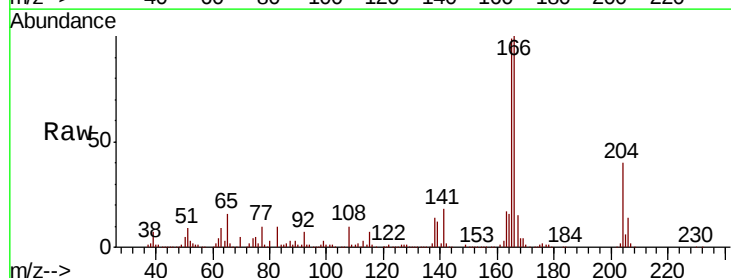


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

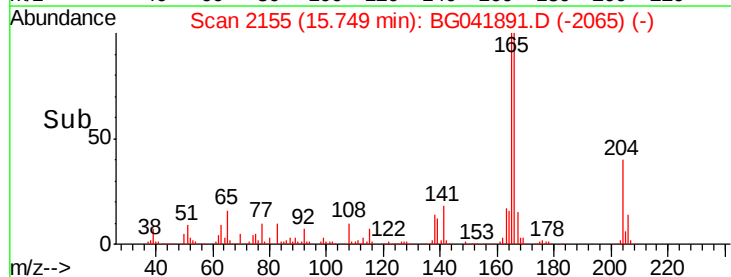
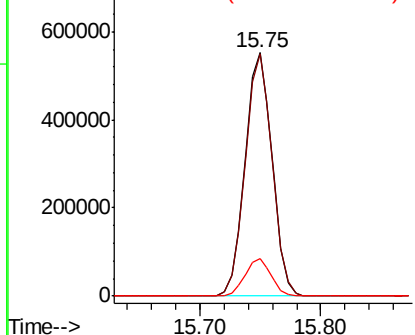


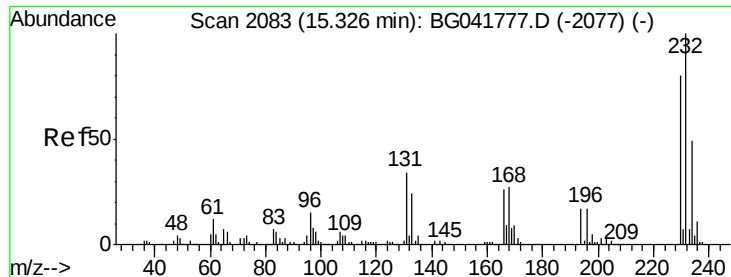
#58  
Fluorene  
Concen: 44.921 ng  
RT: 15.75 min Scan# 2155  
Delta R.T. 0.00 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Tgt Ion:166 Resp: 863012  
Ion Ratio Lower Upper  
166 100  
165 99.3 80.5 120.7  
167 15.3 12.4 18.6



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

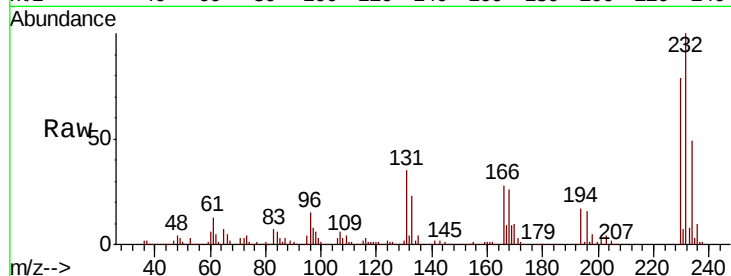




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 52.179 ng  
 RT: 15.32 min Scan# 2082  
 Delta R.T. -0.01 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 33.4  | 31.8  | 47.6  |
| 130     | 1.8   | 1.8   | 2.8   |
| 166     | 26.4  | 23.5  | 35.3  |



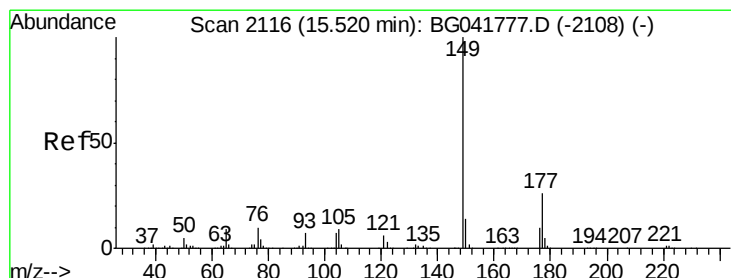
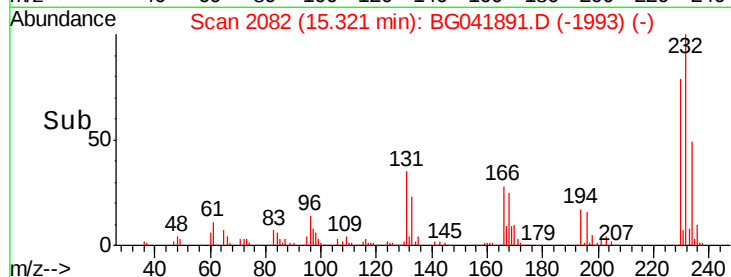
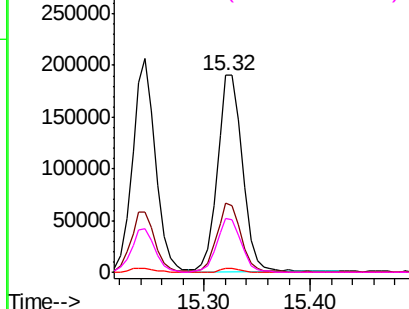
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

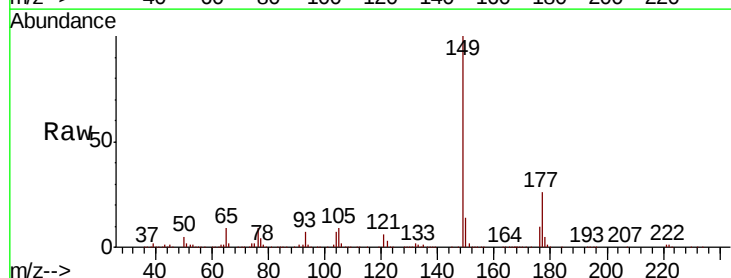
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 43.072 ng  
 RT: 15.51 min Scan# 2115  
 Delta R.T. -0.01 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 26.2  | 20.7  | 31.1  |
| 150     | 14.5  | 11.5  | 17.3  |

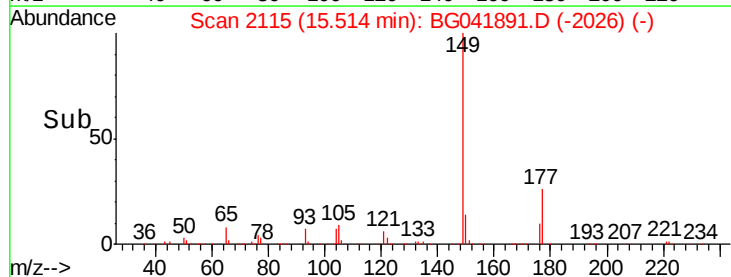
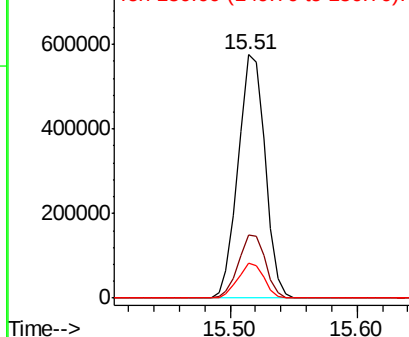


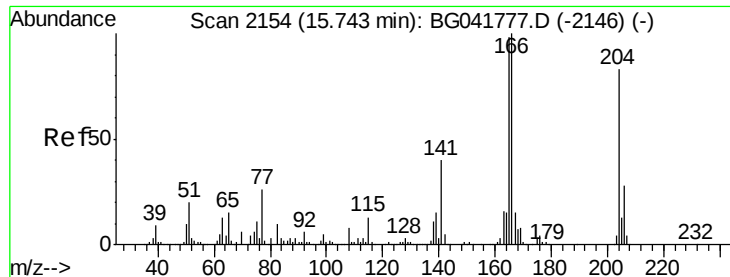
Abundance

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

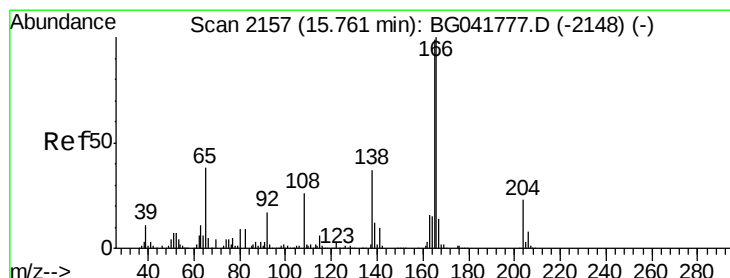
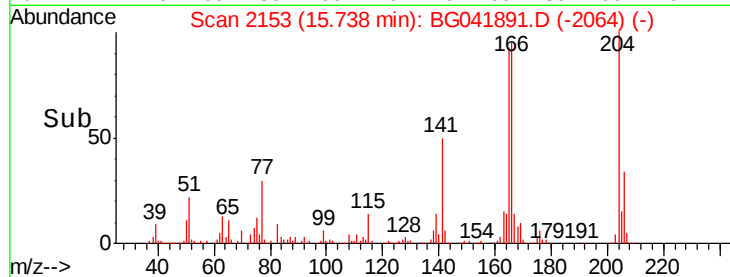
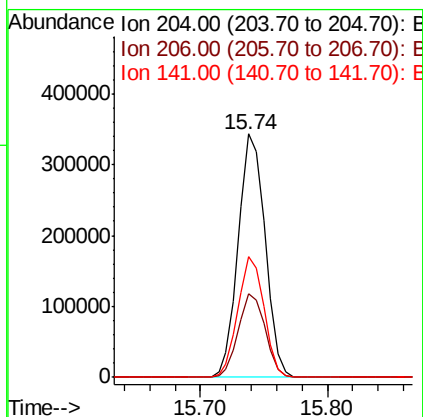
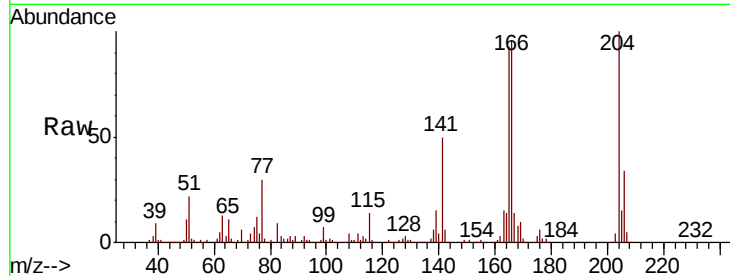




#61  
 4-Chlorophenyl-phenylether  
 Concen: 42.873 ng  
 RT: 15.74 min Scan# 2153  
 Delta R.T. -0.01 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

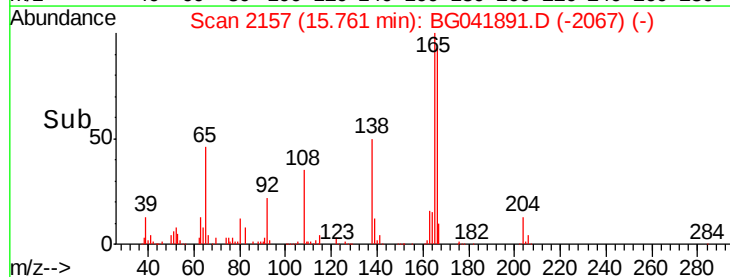
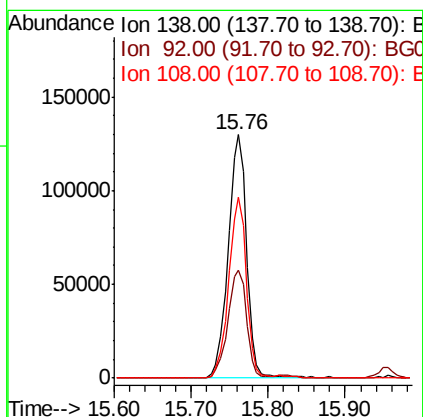
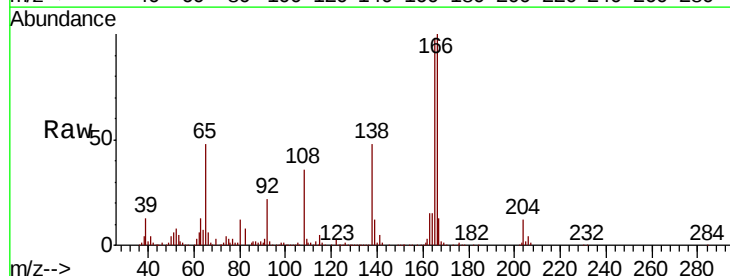
Instrument :  
 BNA\_G  
 ClientSampleId :

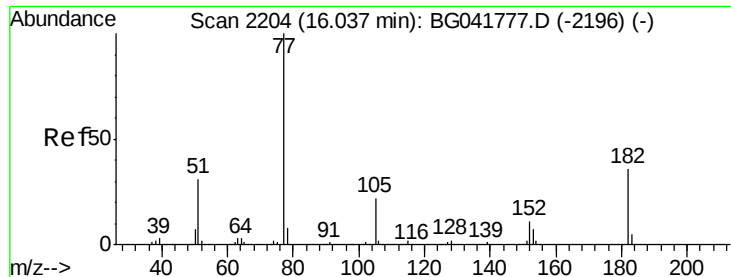
Tot Ion:204 Resp: 502840  
 Ion Ratio Lower Upper  
 204 100  
 206 34.4 28.6 42.8  
 141 49.8 42.9 64.3



#62  
 4-Nitroaniline  
 Concen: 44.657 ng  
 RT: 15.76 min Scan# 2157  
 Delta R.T. 0.00 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

Tgt Ion:138 Resp: 217221  
 Ion Ratio Lower Upper  
 138 100  
 92 44.6 29.8 69.8  
 108 74.1 52.2 92.2

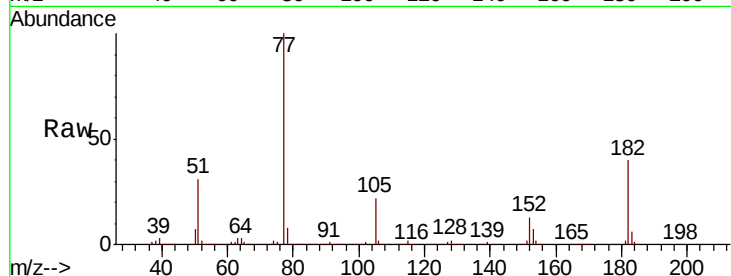




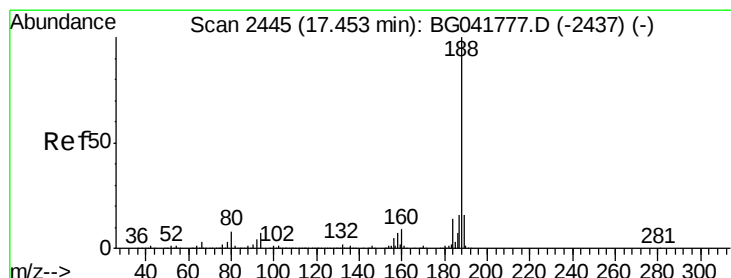
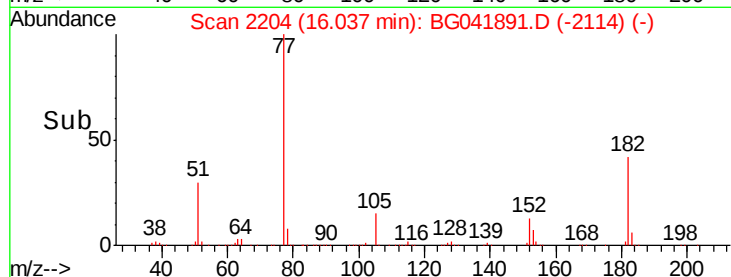
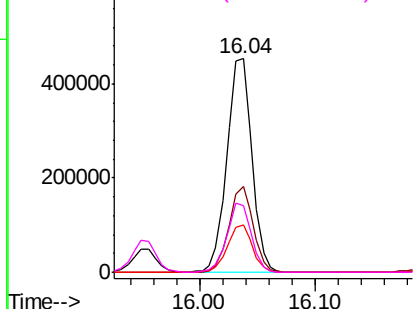
#63  
Azobenzene  
Concen: 42.121 ng  
RT: 16.04 min Scan# 2204  
Delta R.T. 0.00 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 77 Resp: 678160  
Ion Ratio Lower Upper  
77 100  
182 40.3 13.2 53.2  
105 22.4 2.2 42.2  
51 30.9 14.6 54.6

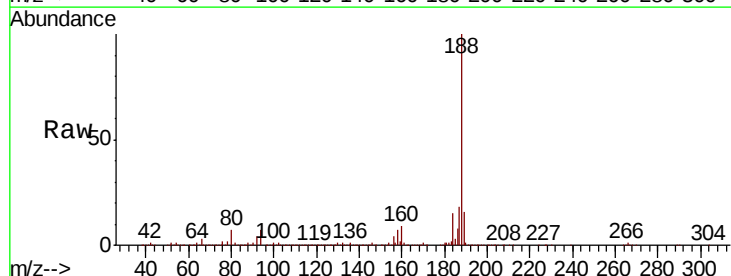


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

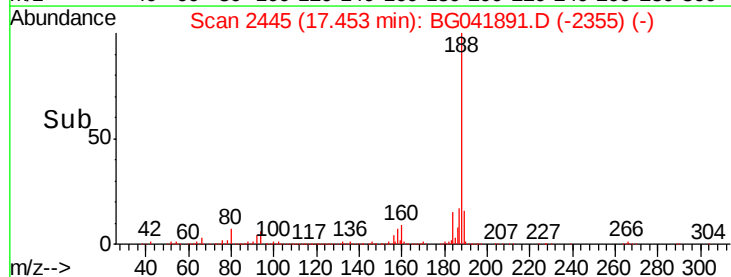
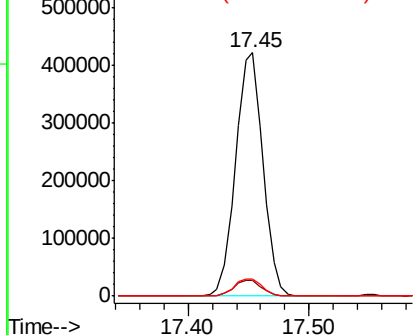


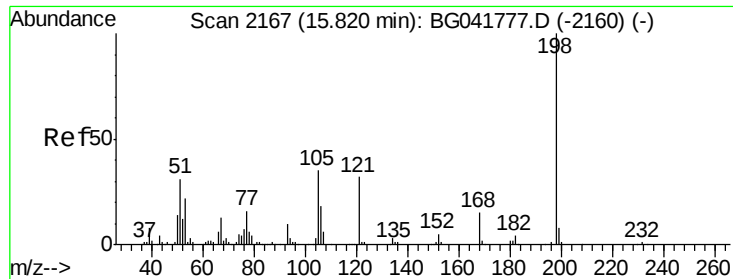
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.45 min Scan# 2445  
Delta R.T. 0.00 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Tgt Ion: 188 Resp: 665854  
Ion Ratio Lower Upper  
188 100  
94 6.5 6.9 10.3#  
80 6.8 8.0 12.0#



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

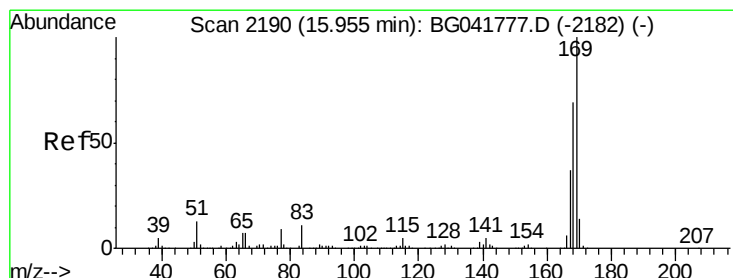
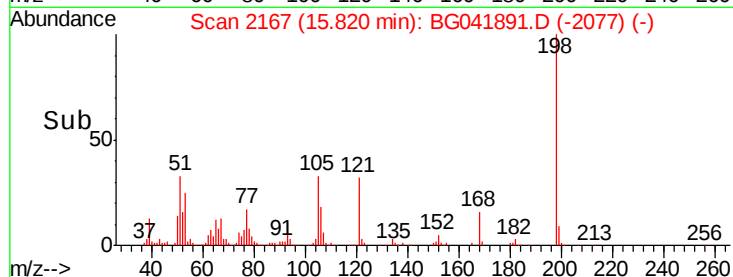
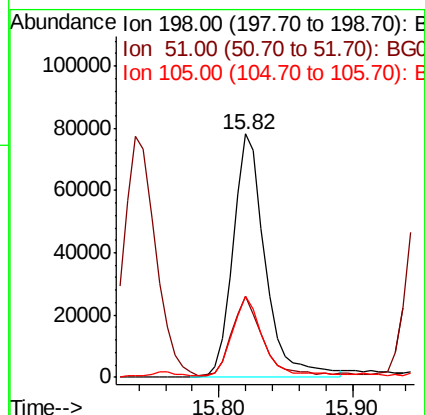
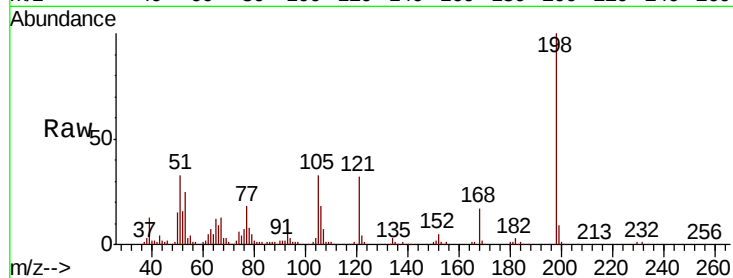




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 41.563 ng  
 RT: 15.82 min Scan# 2167  
 Delta R.T. 0.00 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

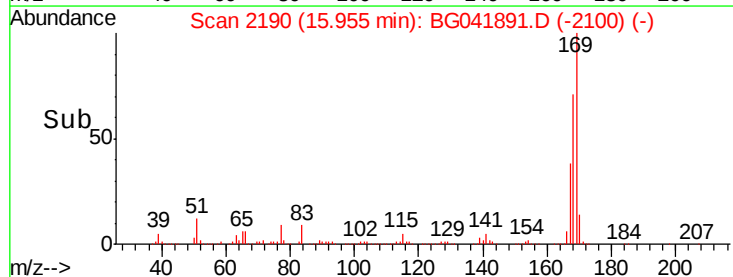
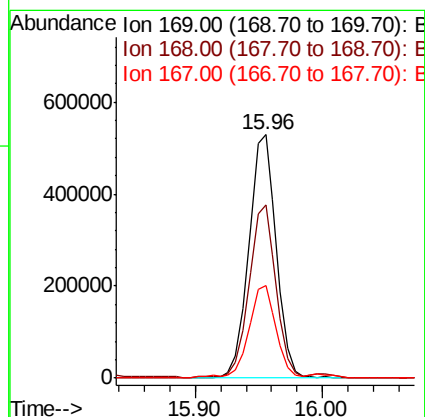
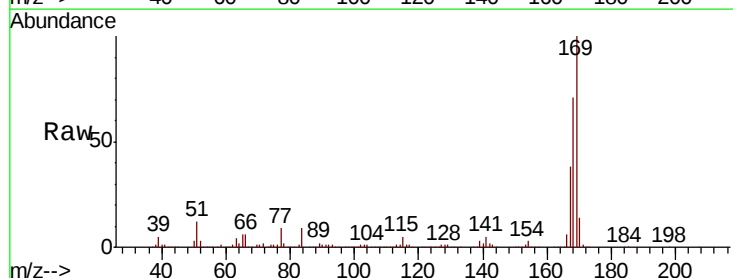
Instrument :  
 BNA\_G  
 ClientSampled :

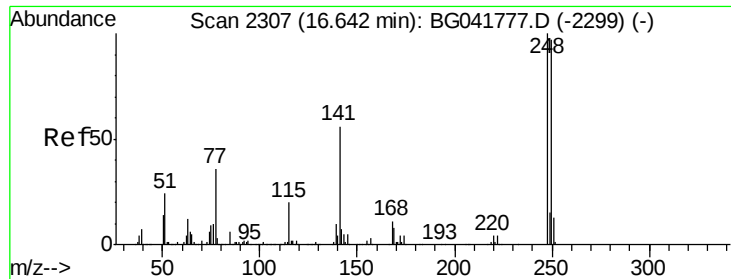
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 33.2  | 22.3  | 62.3  |
| 105     | 33.5  | 18.0  | 58.0  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 43.593 ng  
 RT: 15.96 min Scan# 2190  
 Delta R.T. 0.00 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.1  | 56.9  | 85.3  |
| 167     | 37.9  | 31.5  | 47.3  |

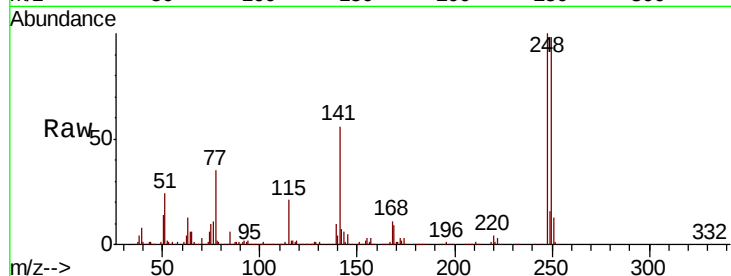




#67  
4-Bromophenyl-phenylether  
Concen: 42.569 ng  
RT: 16.64 min Scan# 2306  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.2  | 78.1  | 117.1 |
| 141     | 55.9  | 49.6  | 74.4  |

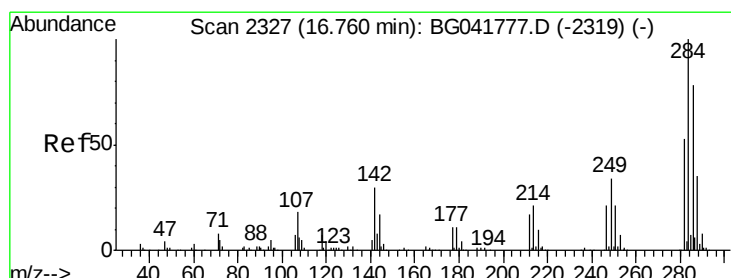
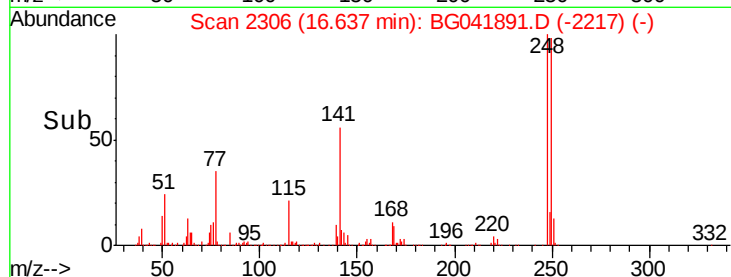
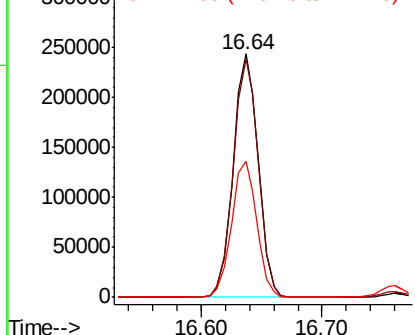


Abundance

Ion 248.00 (247.70 to 248.70): E

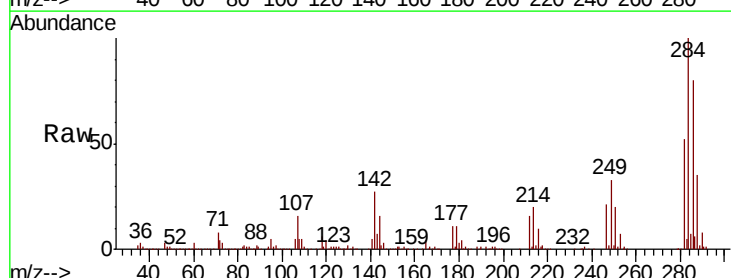
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 41.466 ng  
RT: 16.76 min Scan# 2327  
Delta R.T. 0.00 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 26.8  | 27.0  | 40.6# |
| 249     | 32.8  | 28.4  | 42.6  |

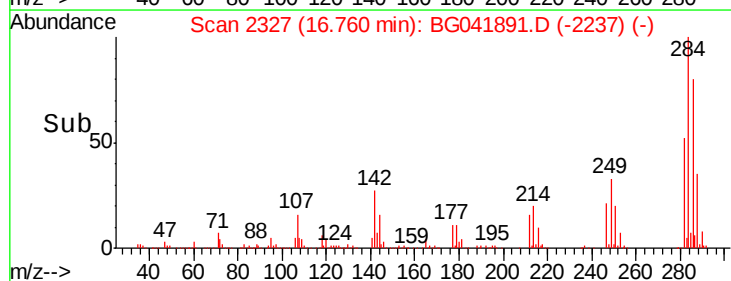
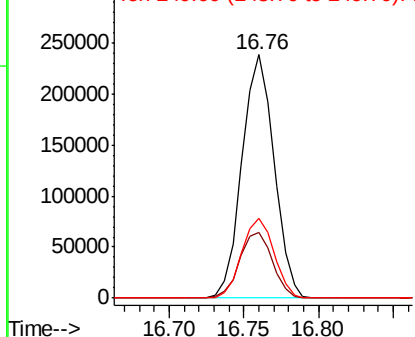


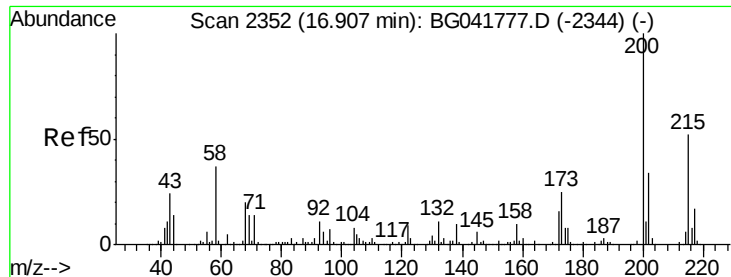
Abundance

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: 42.481 ng

RT: 16.90 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampled :

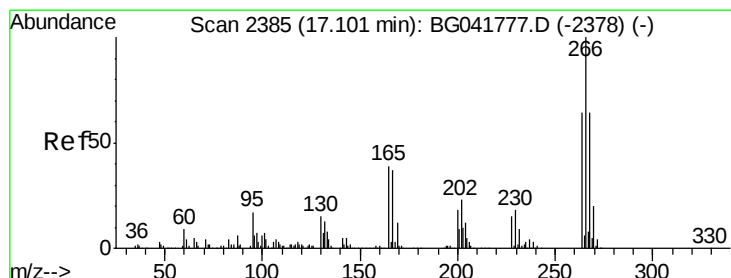
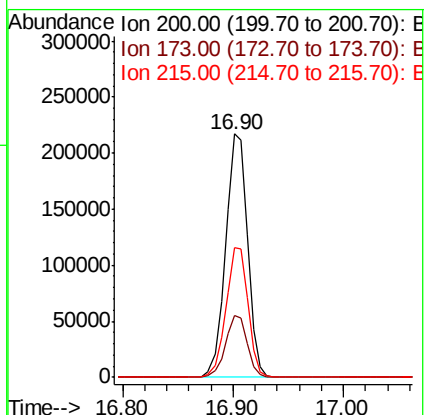
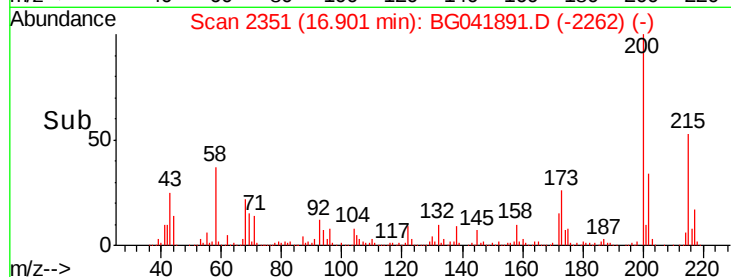
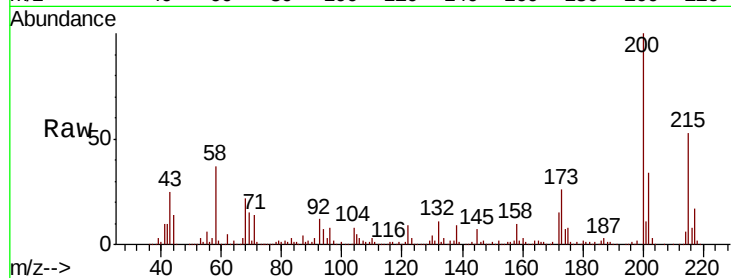
Tot Ion:200 Resp: 302730

Ion Ratio Lower Upper

200 100

173 25.7 5.3 45.3

215 53.4 31.8 71.8



#70

Pentachlorophenol

Concen: 72.938 ng

RT: 17.10 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

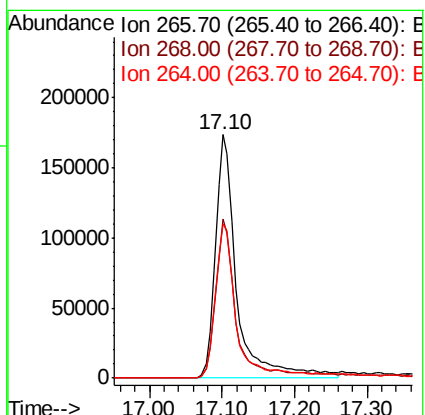
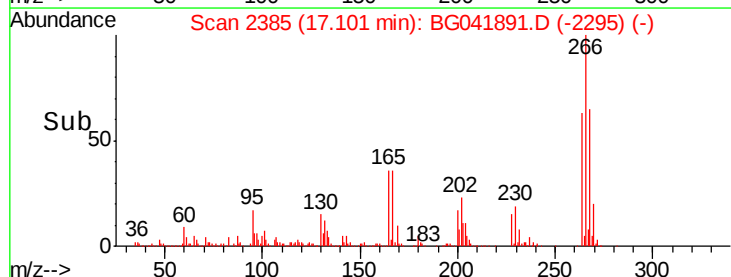
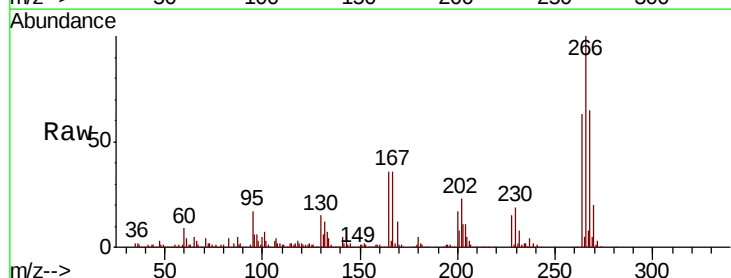
Tgt Ion:266 Resp: 355542

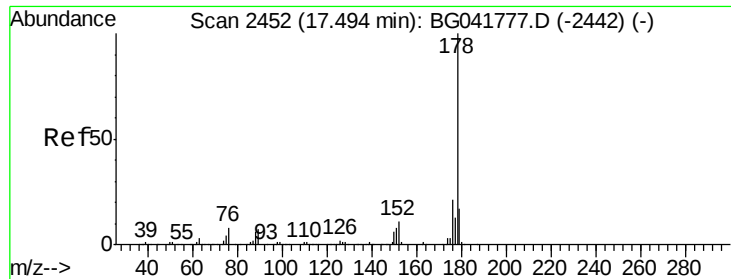
Ion Ratio Lower Upper

266 100

268 65.4 52.9 79.3

264 63.0 51.4 77.2

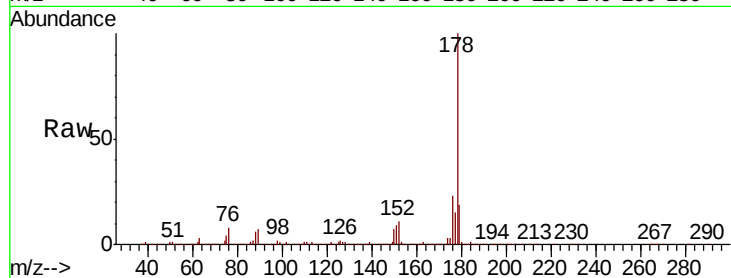




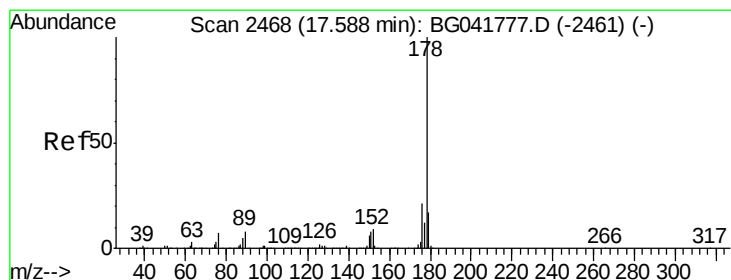
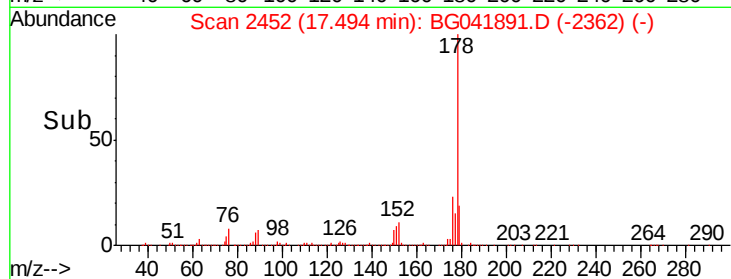
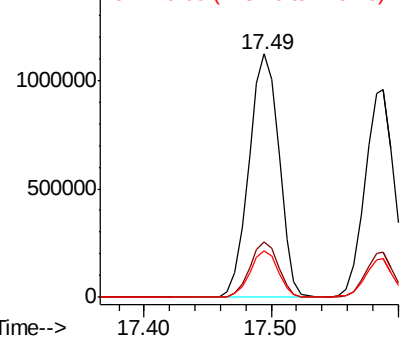
#71  
Phenanthrene  
Concen: 57.965 ng  
RT: 17.49 min Scan# 2452  
Delta R.T. 0.00 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:178 Resp: 1850043  
Ion Ratio Lower Upper  
178 100  
176 22.9 18.6 28.0  
179 18.9 15.4 23.0

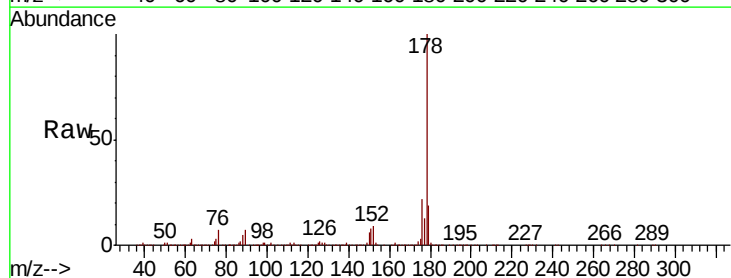


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

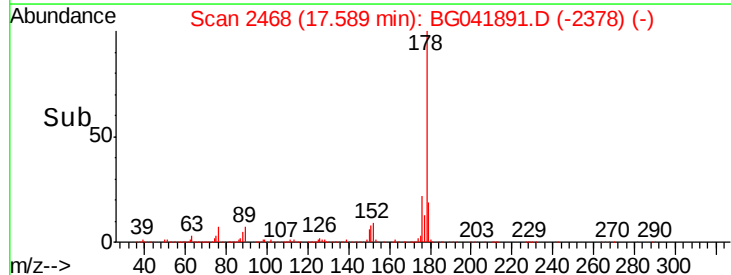
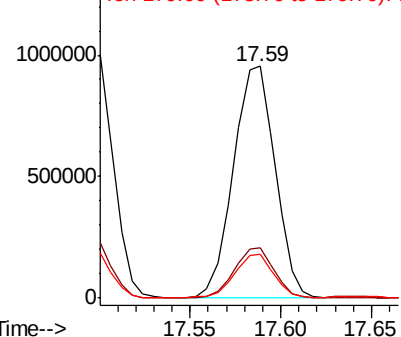


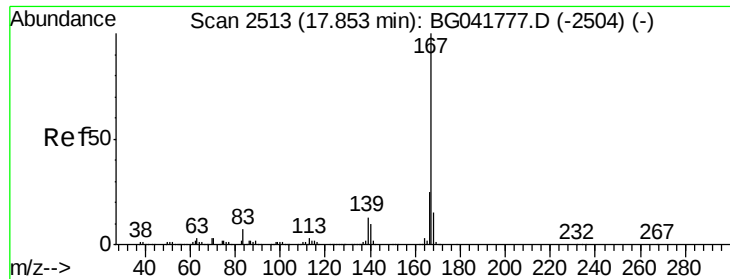
#72  
Anthracene  
Concen: 47.737 ng  
RT: 17.59 min Scan# 2468  
Delta R.T. 0.00 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Tgt Ion:178 Resp: 1519527  
Ion Ratio Lower Upper  
178 100  
176 21.6 18.6 28.0  
179 18.7 15.1 22.7



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

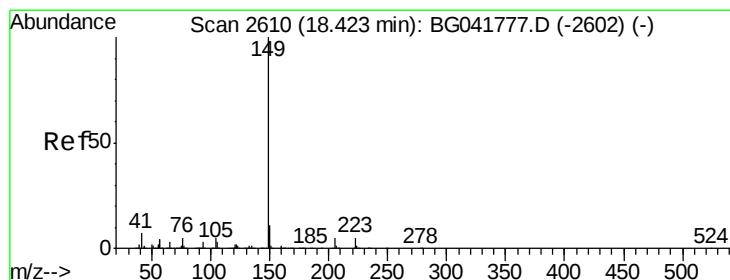
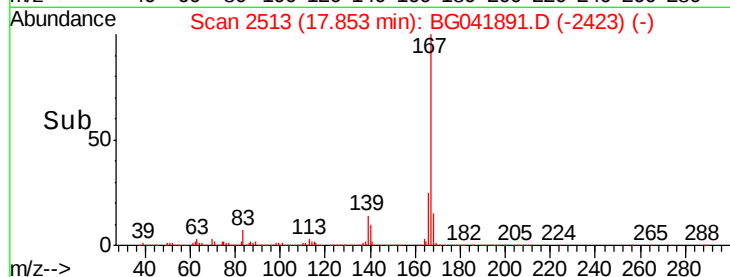
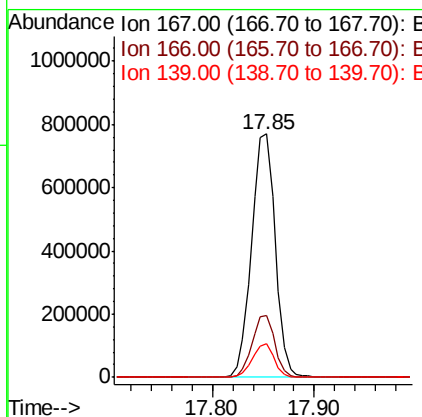
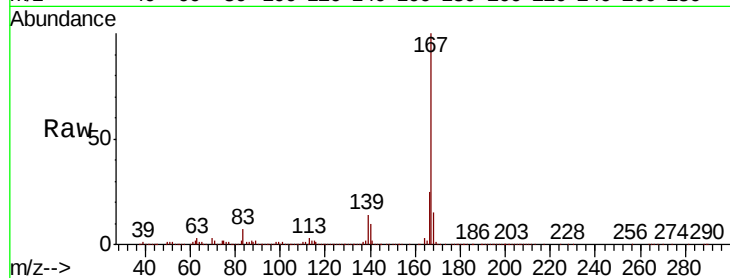




#73  
 Carbazole  
 Concen: 43.738 ng  
 RT: 17.85 min Scan# 2513  
 Delta R.T. 0.00 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

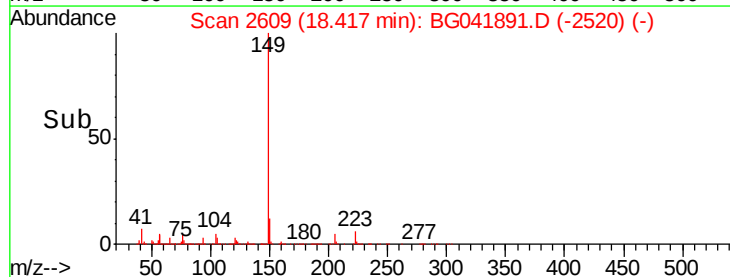
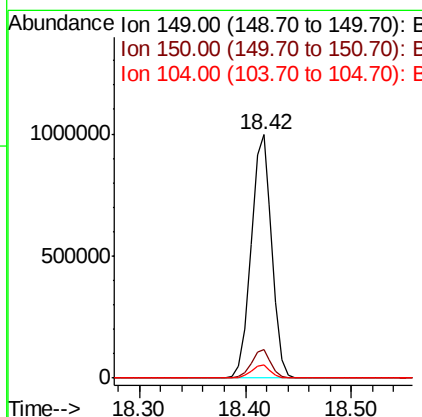
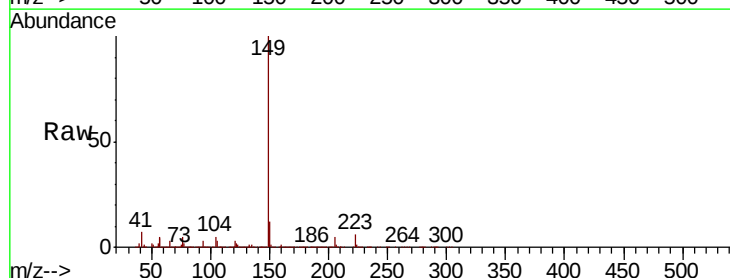
Instrument :  
 BNA\_G  
 ClientSampleId :

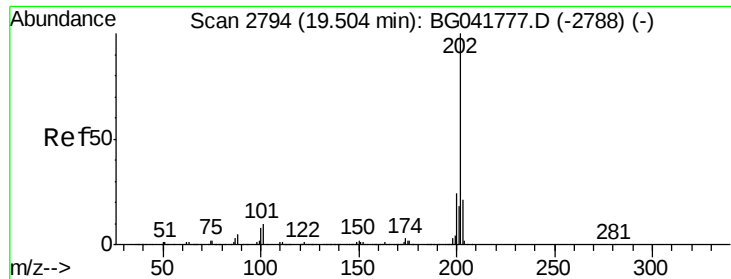
Tot Ion:167 Resp: 1249579  
 Ion Ratio Lower Upper  
 167 100  
 166 25.5 21.4 32.2  
 139 13.7 12.1 18.1



#74  
 Di-n-butylphthalate  
 Concen: 41.744 ng  
 RT: 18.42 min Scan# 2609  
 Delta R.T. -0.01 min  
 Lab File: BG041891.D  
 Acq: 2 Aug 2019 16:47

Tgt Ion:149 Resp: 1352063  
 Ion Ratio Lower Upper  
 149 100  
 150 11.5 10.2 15.2  
 104 5.5 5.3 7.9





#75

Fluoranthene

Concen: 65.907 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

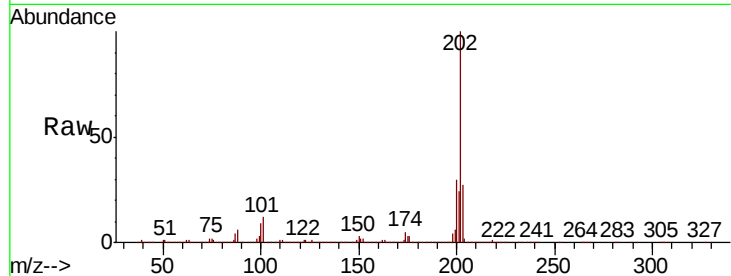
Tot Ion:202 Resp: 2556832

Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.8

203 27.0 3.7 43.7

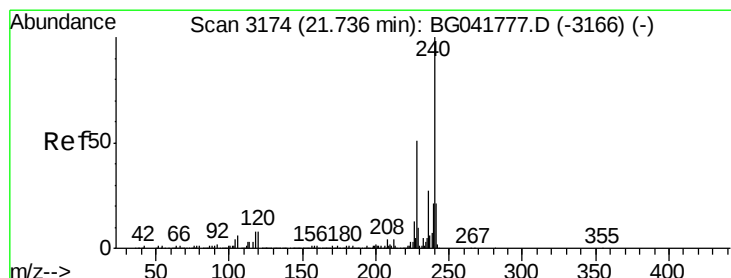
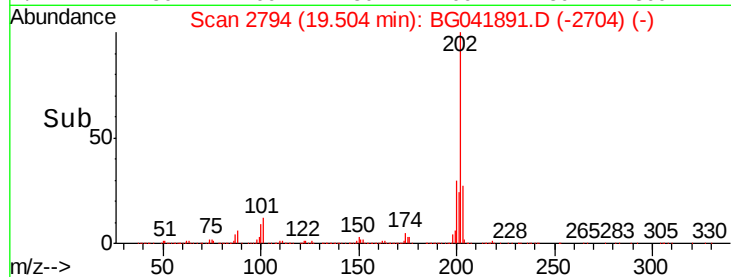
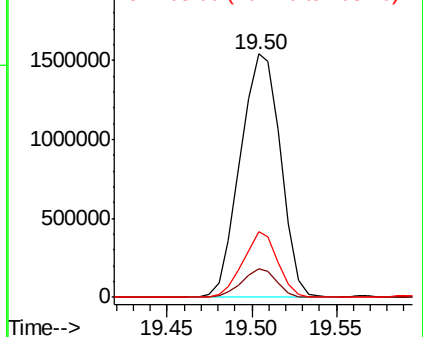


Abundance

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: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

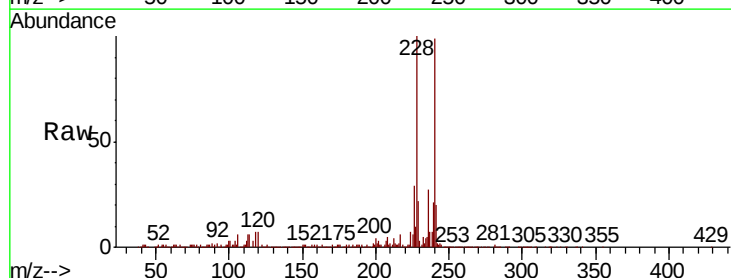
Tgt Ion:240 Resp: 661728

Ion Ratio Lower Upper

240 100

120 7.5 8.0 12.0#

236 27.2 22.6 33.8

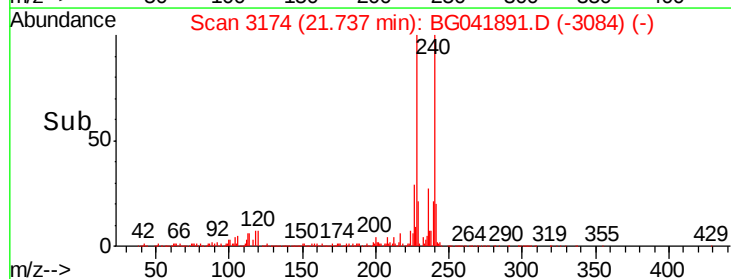
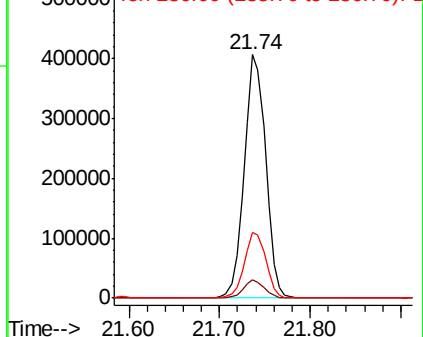


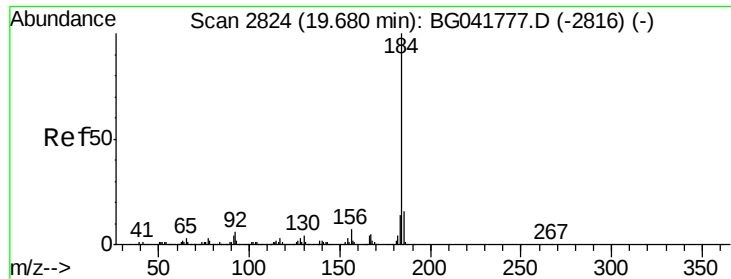
Abundance

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: 32.785 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

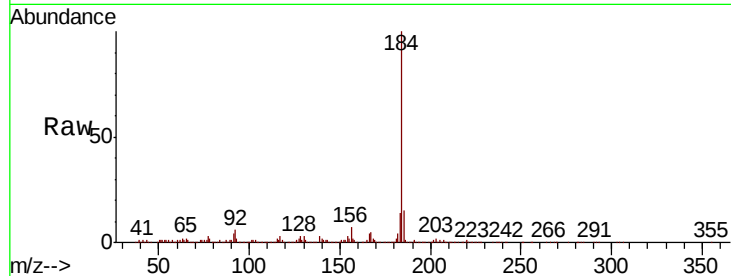
Tot Ion:184 Resp: 708128

Ion Ratio Lower Upper

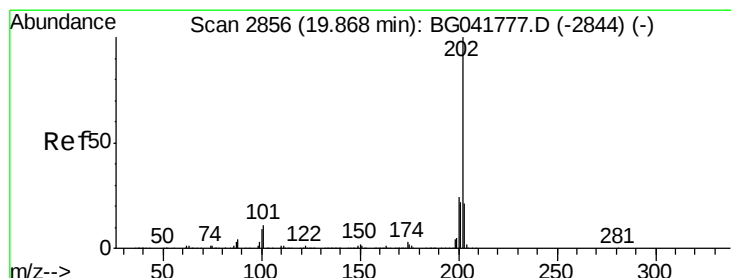
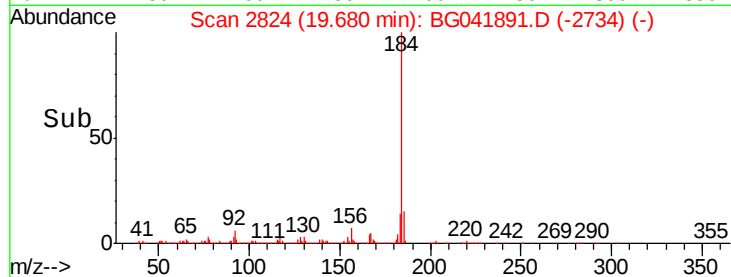
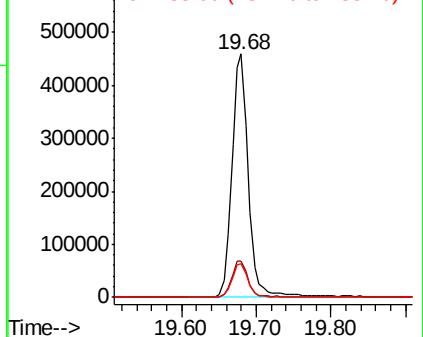
184 100

185 14.7 13.0 19.4

183 13.7 11.8 17.6



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 63.227 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

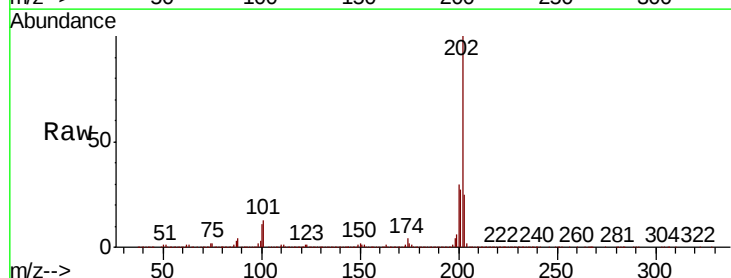
Tgt Ion:202 Resp: 2478910

Ion Ratio Lower Upper

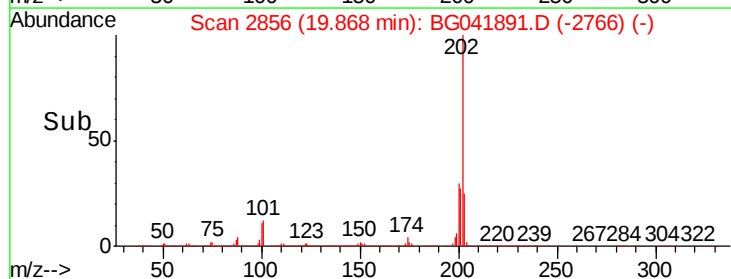
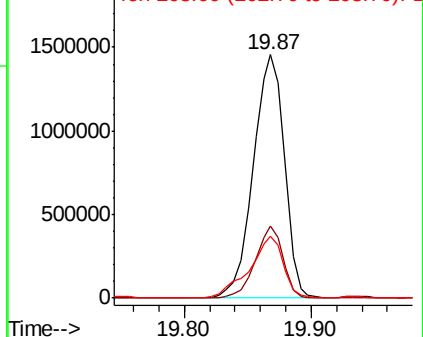
202 100

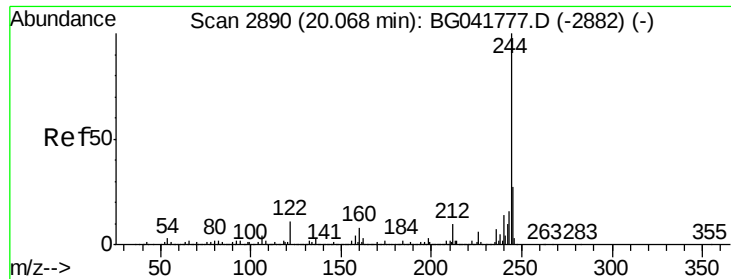
200 29.6 22.2 33.2

203 25.4 18.9 28.3



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.343 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

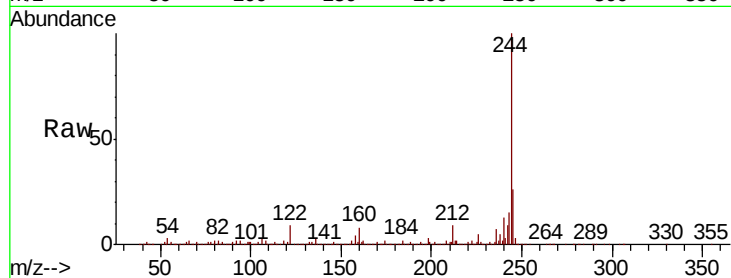
Tot Ion:244 Resp: 1831786

Ion Ratio Lower Upper

244 100

212 9.1 9.7 14.5#

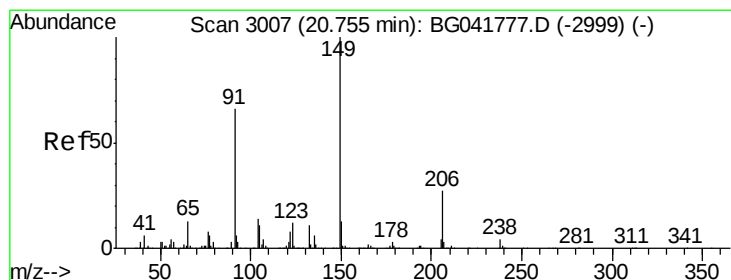
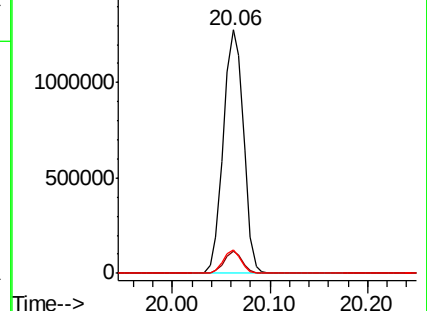
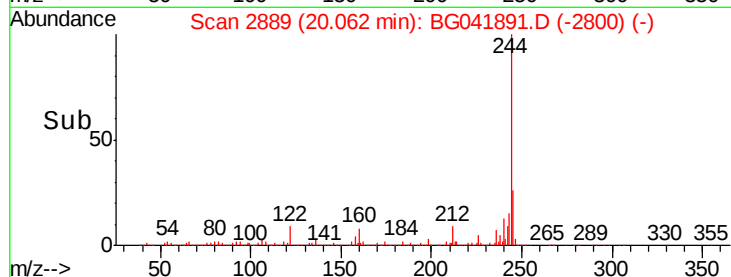
122 9.4 12.5 18.7#



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: 43.586 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

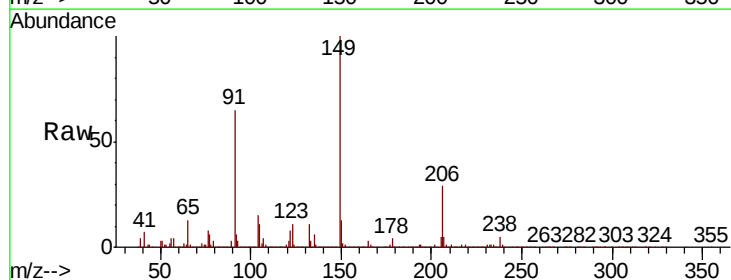
Tgt Ion:149 Resp: 655175

Ion Ratio Lower Upper

149 100

91 65.0 58.9 88.3

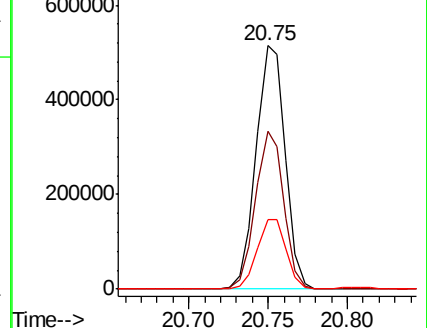
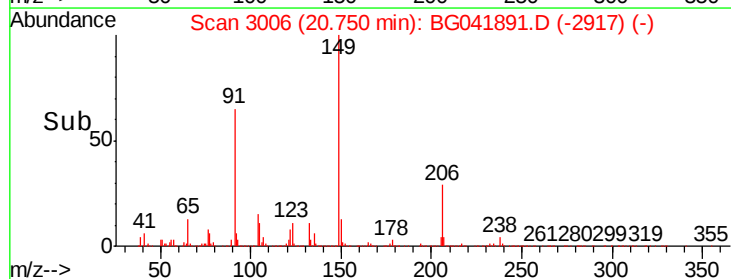
206 28.8 20.8 31.2

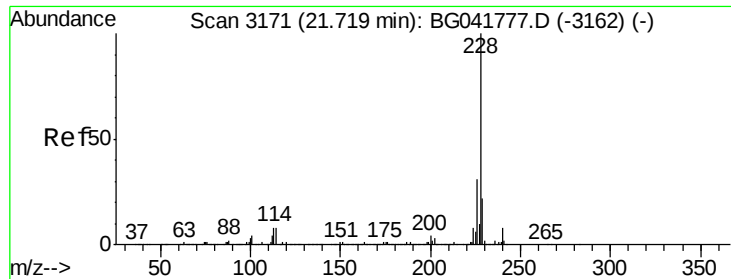


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

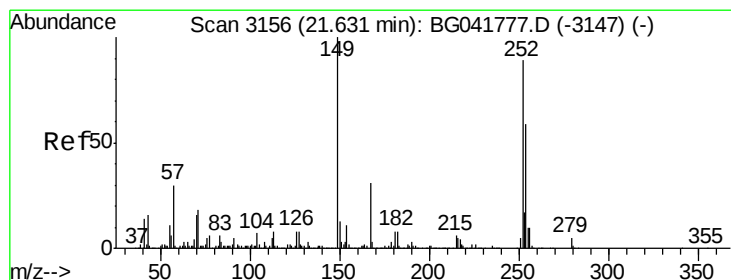
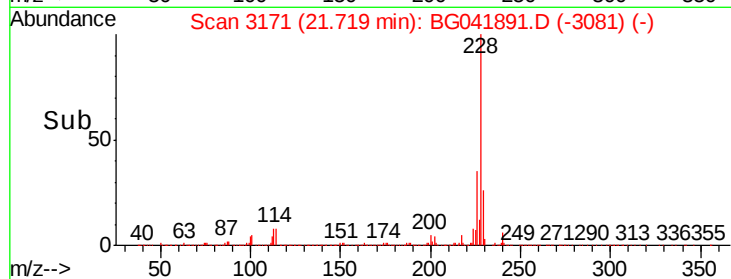
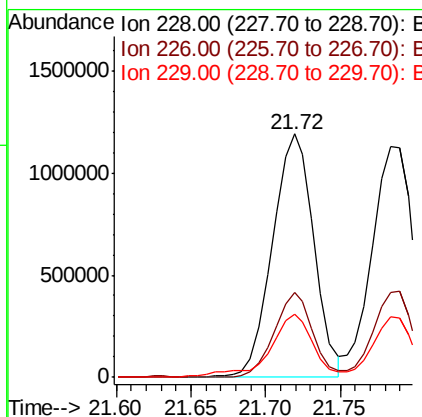
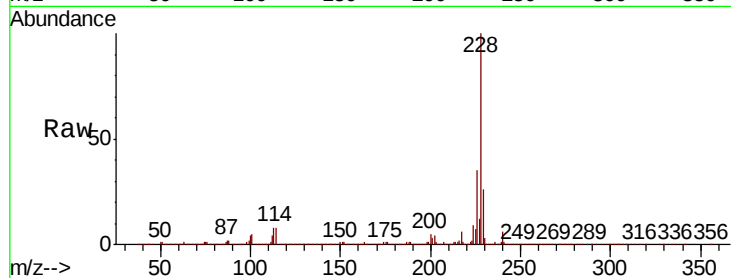




#81  
Benzo(a)anthracene  
Concen: 58.410 ng  
RT: 21.72 min Scan# 3171  
Delta R.T. 0.00 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

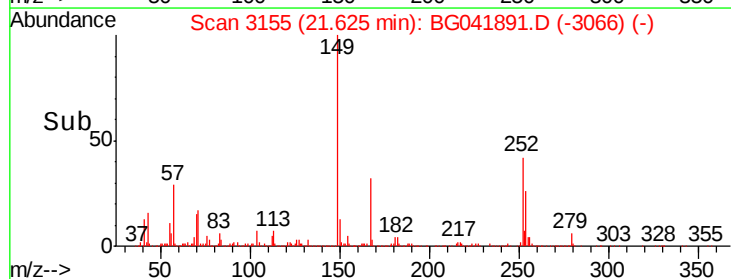
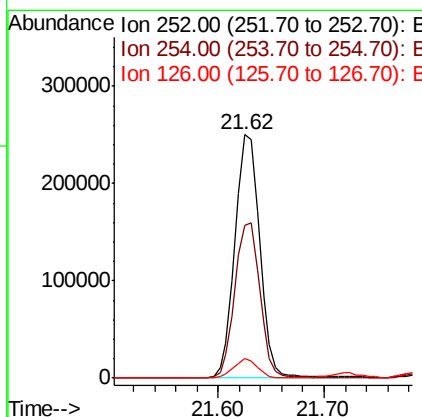
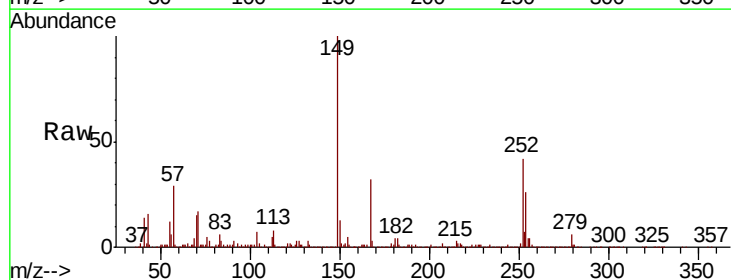
Instrument :  
BNA\_G  
ClientSampleId :

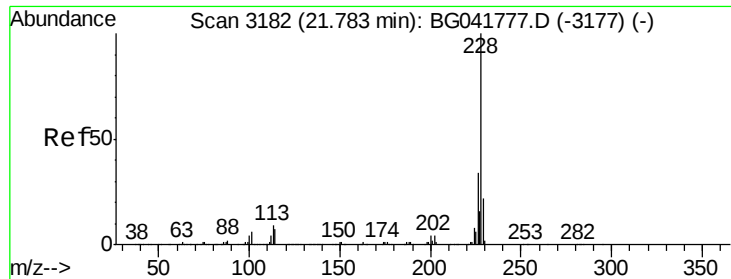
Tot Ion:228 Resp: 2286803  
Ion Ratio Lower Upper  
228 100  
226 34.9 27.3 40.9  
229 26.0 19.7 29.5



#82  
3,3'-Dichlorobenzidine  
Concen: 25.842 ng  
RT: 21.62 min Scan# 3155  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Tgt Ion:252 Resp: 406203  
Ion Ratio Lower Upper  
252 100  
254 63.0 53.8 80.6  
126 7.9 7.8 11.8





#83

Chrysene

Concen: 57.087 ng

RT: 21.78 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

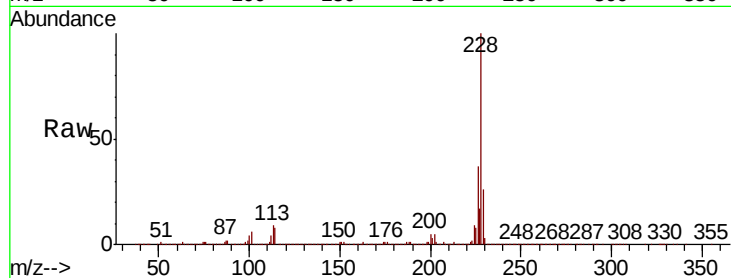
Tot Ion:228 Resp: 2142414

Ion Ratio Lower Upper

228 100

226 37.0 30.1 45.1

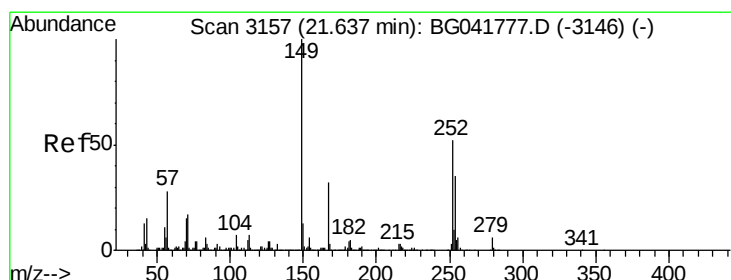
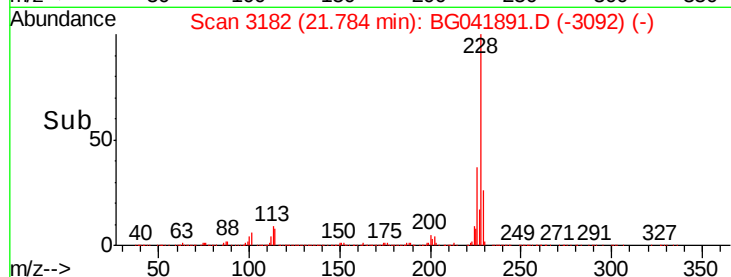
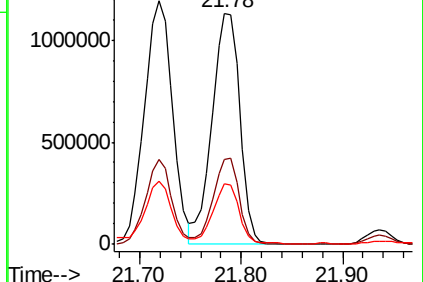
229 26.0 19.8 29.6



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: 44.157 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

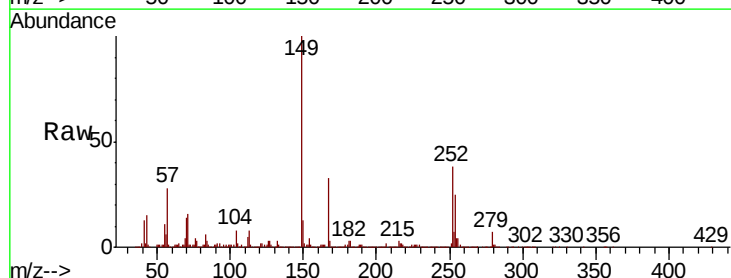
Tgt Ion:149 Resp: 915592

Ion Ratio Lower Upper

149 100

167 33.2 27.0 40.4

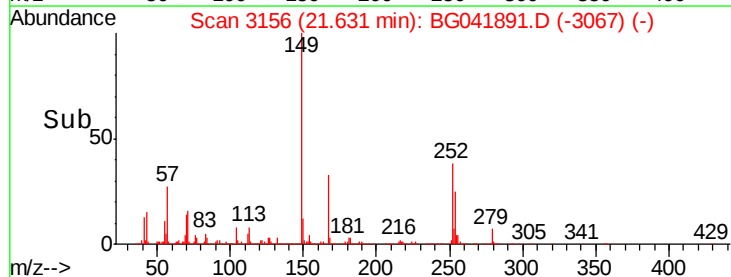
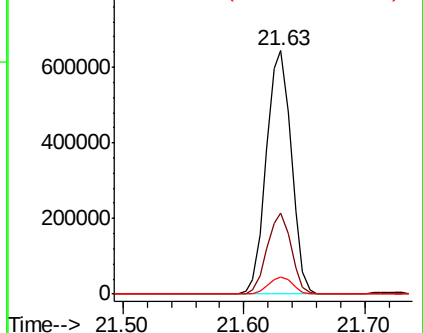
279 7.1 5.0 7.6

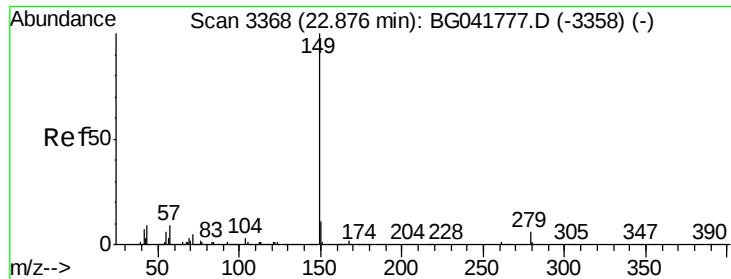


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

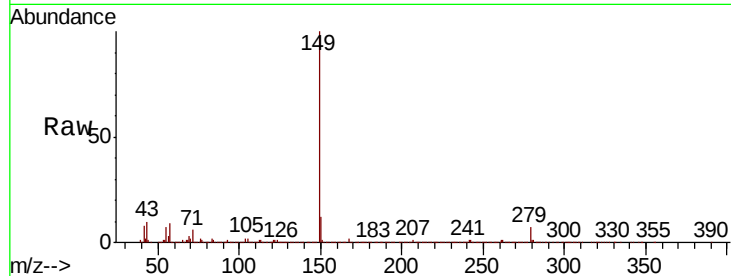




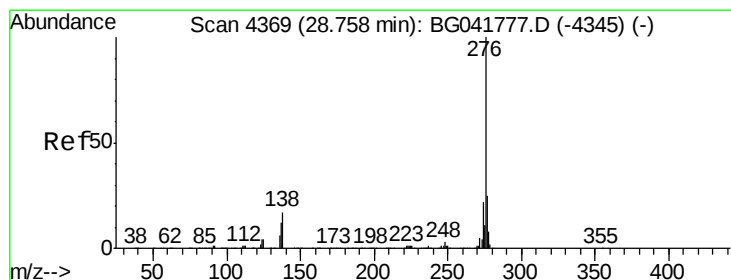
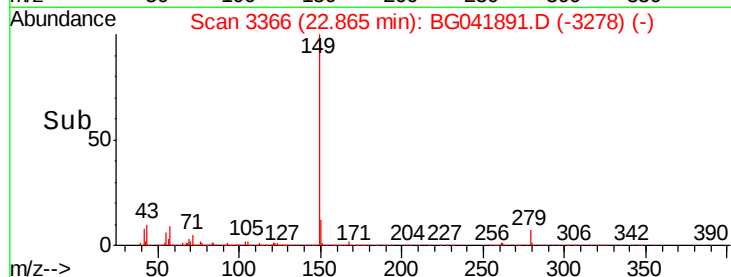
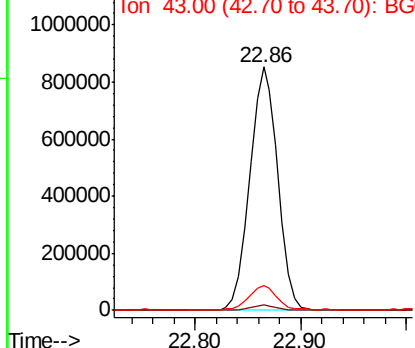
#85  
Di-n-octyl phthalate  
Concen: 44.728 ng  
RT: 22.86 min Scan# 3366  
Delta R.T. -0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:149 Resp: 1560844  
Ion Ratio Lower Upper  
149 100  
167 2.0 1.6 2.4  
43 9.6 10.6 16.0#

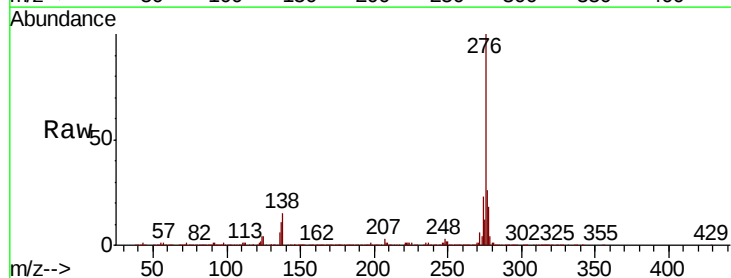


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

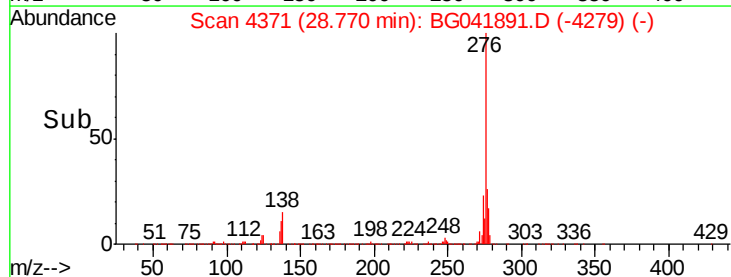
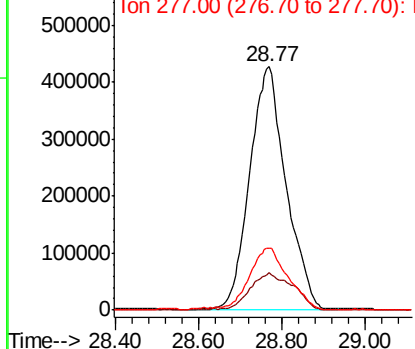


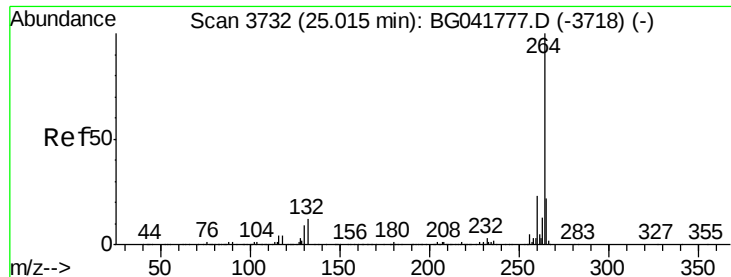
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 52.088 ng  
RT: 28.77 min Scan# 4371  
Delta R.T. 0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Tgt Ion:276 Resp: 2587712  
Ion Ratio Lower Upper  
276 100  
138 17.9 19.4 29.0#  
277 27.3 21.2 31.8



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampleId :

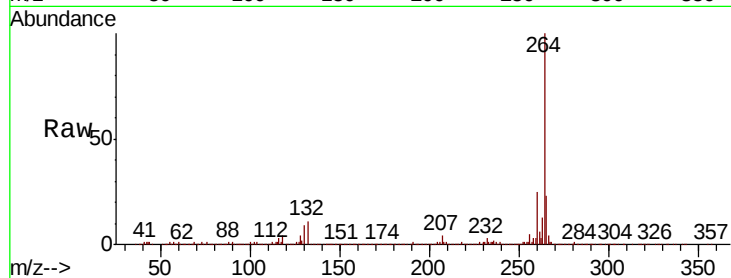
Tot Ion:264 Resp: 793051

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

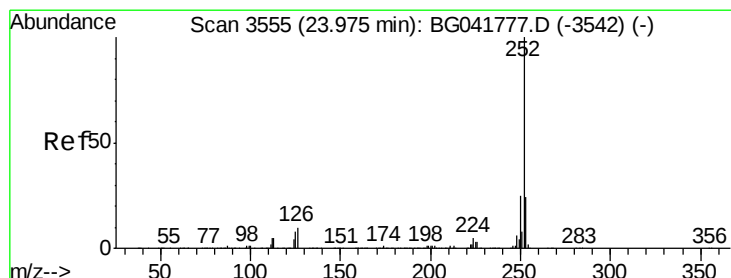
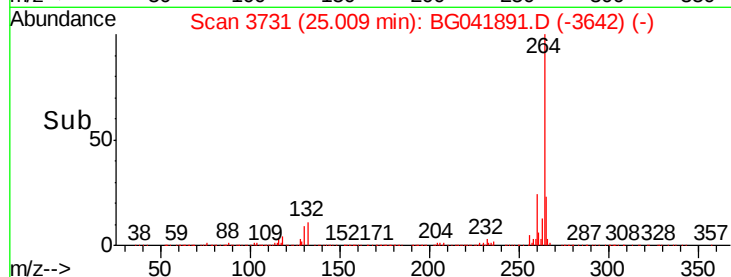
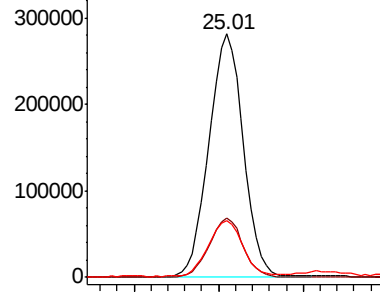
265 23.4 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 58.964 ng

RT: 23.98 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

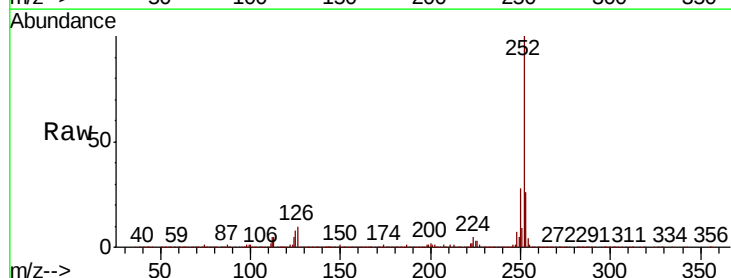
Tgt Ion:252 Resp: 2558081

Ion Ratio Lower Upper

252 100

253 26.1 20.6 30.8

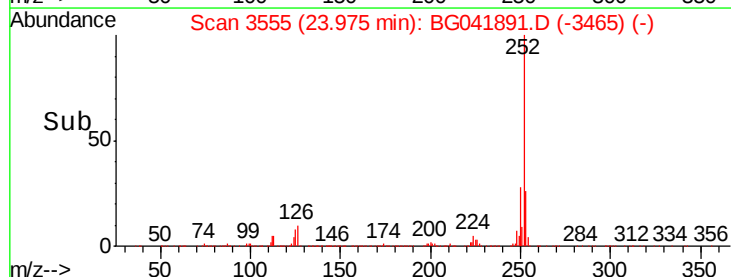
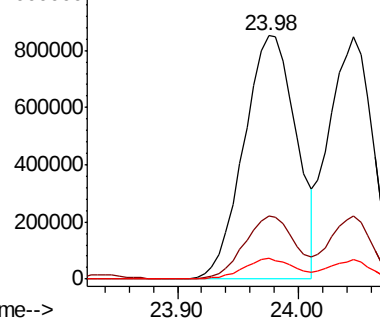
125 8.4 8.0 12.0

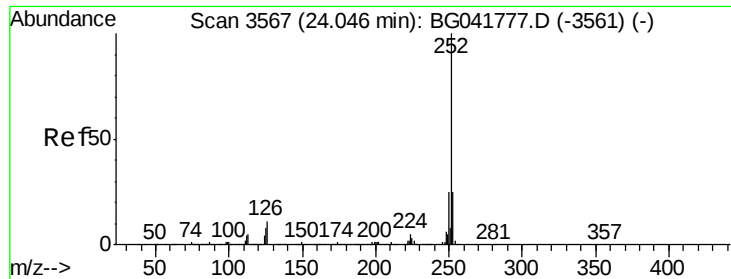


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.345 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.00 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

Instrument :

BNA\_G

ClientSampled :

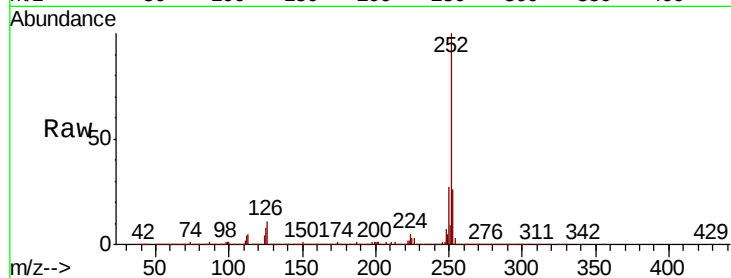
Tot Ion:252 Resp: 2127550

Ion Ratio Lower Upper

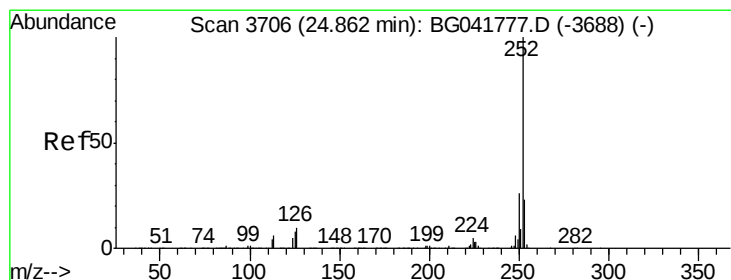
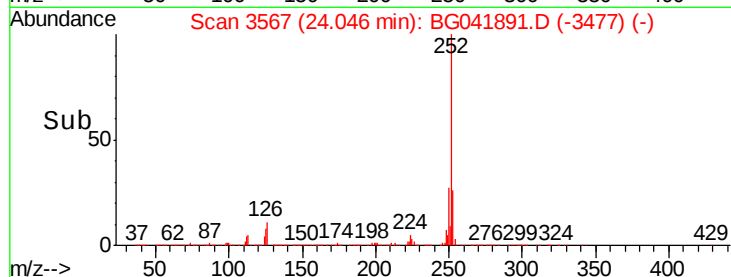
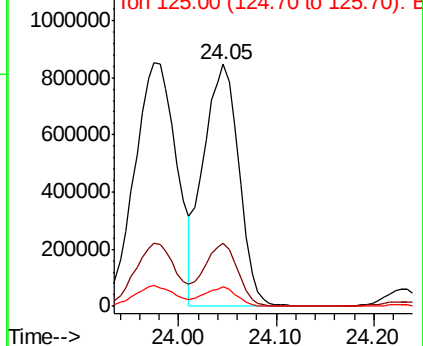
252 100

253 26.1 20.5 30.7

125 8.1 8.4 12.6#



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



#90

Benzo(a)pyrene

Concen: 11.101 ng

RT: 24.70 min Scan# 3679

Delta R.T. -0.16 min

Lab File: BG041891.D

Acq: 2 Aug 2019 16:47

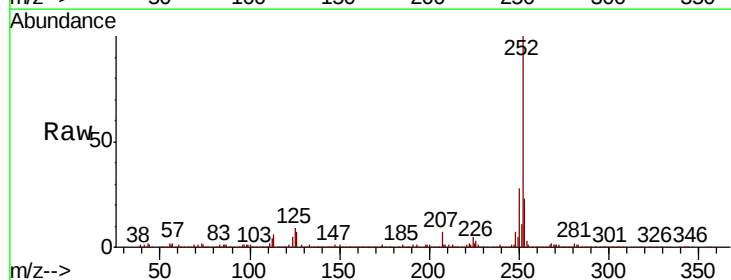
Tgt Ion:252 Resp: 461899

Ion Ratio Lower Upper

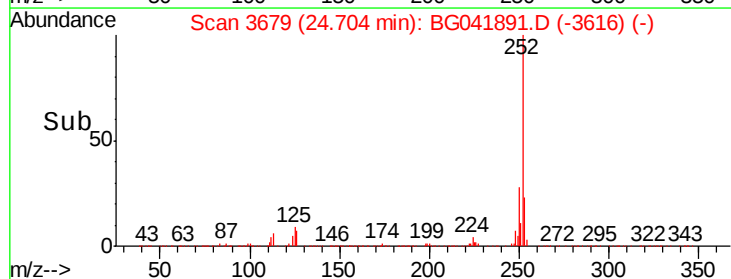
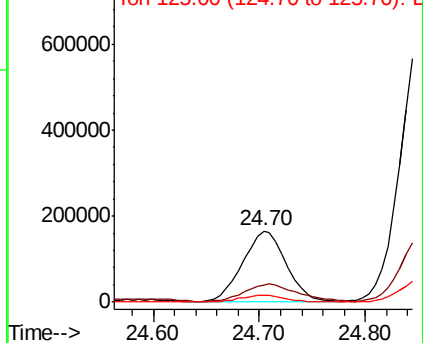
252 100

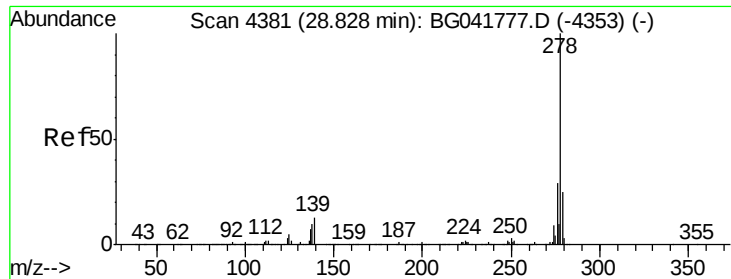
253 23.5 19.8 29.8

125 9.2 8.8 13.2



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

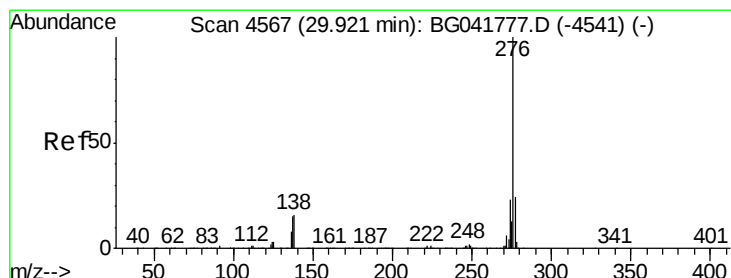
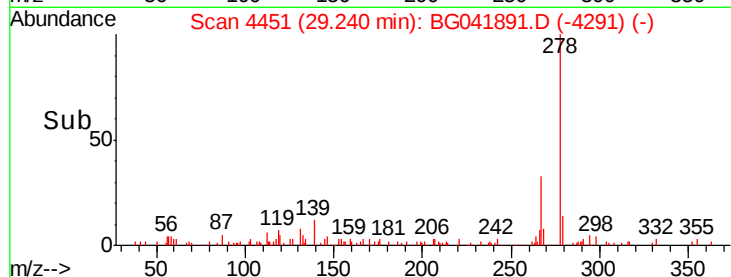
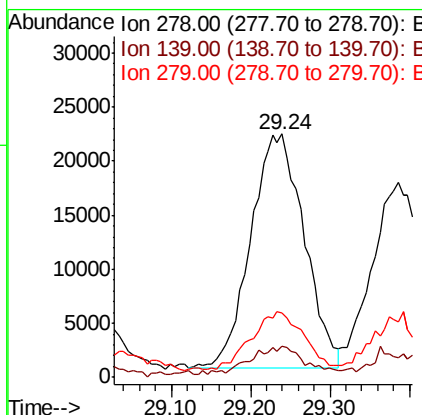
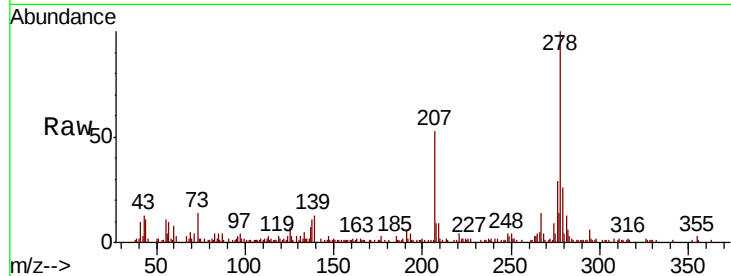




#91  
Dibenzo(a,h)anthracene  
Concen: 2.471 ng  
RT: 29.24 min Scan# 4451  
Delta R.T. 0.41 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.7  | 12.6  | 19.0  |
| 279     | 26.3  | 20.5  | 30.7  |



#92  
Benzo(g,h,i)perylene  
Concen: 53.635 ng  
RT: 29.93 min Scan# 4569  
Delta R.T. 0.01 min  
Lab File: BG041891.D  
Acq: 2 Aug 2019 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 25.4  | 19.8  | 29.8  |
| 138     | 15.6  | 16.6  | 25.0# |

