

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\  
 Data File : BG039018.D  
 Acq On : 9 Jan 2019 12:57  
 Operator : JU/SJ  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jan 09 13:42:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 09 12:51:00 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 24247    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.85 | 136  | 97858    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.67 | 164  | 67497    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.42 | 188  | 172075   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.71 | 240  | 175905   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.99 | 264  | 193825   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.58  | 112  | 152977   | 111.90 | ng    | 0.00     |
| 7) Phenol-d6                | 7.19  | 99   | 220796   | 117.65 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.21  | 82   | 216229   | 112.88 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.17 | 330  | 143452   | 154.21 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.29 | 172  | 594366   | 120.80 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.03 | 244  | 1099878  | 136.08 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.46  | 88   | 29687    | 46.660 | ng    | 98     |
| 3) Pyridine                    | 3.86  | 79   | 84582    | 48.284 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 3.79  | 42   | 37641    | 43.854 | ng    | 96     |
| 6) Aniline                     | 7.36  | 93   | 133074   | 55.546 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.59  | 128  | 90508    | 57.211 | ng    | 96     |
| 9) Benzaldehyde                | 7.17  | 77   | 51885    | 42.618 | ng    | 97     |
| 10) Phenol                     | 7.22  | 94   | 111808   | 56.077 | ng    | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93   | 83925    | 52.869 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146  | 104429   | 55.828 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146  | 106004   | 55.333 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 8.39  | 146  | 101789   | 56.360 | ng    | 96     |
| 15) Benzyl Alcohol             | 8.28  | 79   | 86805    | 59.259 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45   | 157442   | 43.297 | ng    | 99     |
| 17) 2-Methylphenol             | 8.48  | 107  | 78009    | 58.397 | ng    | 95     |
| 18) Hexachloroethane           | 9.11  | 117  | 36544    | 52.203 | ng    | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.84  | 70   | 71972    | 54.603 | ng    | 97     |
| 20) 3+4-Methylphenols          | 8.80  | 107  | 109922   | 59.583 | ng    | 97     |
| 22) Acetophenone               | 8.86  | 105  | 152790   | 62.509 | ng    | 98     |
| 24) Nitrobenzene               | 9.26  | 77   | 109490   | 56.503 | ng    | 99     |
| 25) Isophorone                 | 9.77  | 82   | 184804   | 53.697 | ng    | 98     |
| 26) 2-Nitrophenol              | 9.96  | 139  | 60404    | 60.903 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 10.01 | 122  | 82532    | 58.064 | ng    | 90     |
| 28) bis(2-Chloroethoxy)methane | 10.25 | 93   | 110721   | 57.008 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 10.50 | 162  | 107109   | 67.735 | ng    | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.71 | 180  | 122892   | 64.339 | ng    | 98     |
| 31) Naphthalene                | 10.90 | 128  | 290739   | 60.300 | ng    | 98     |
| 32) Benzoic acid               | 10.18 | 122  | 51955    | 68.842 | ng    | 94     |
| 33) 4-Chloroaniline            | 11.01 | 127  | 132286   | 63.195 | ng    | 98     |
| 34) Hexachlorobutadiene        | 11.16 | 225  | 85129    | 65.867 | ng    | 98     |
| 35) Caprolactam                | 11.82 | 113  | 41220    | 62.988 | ng    | 100    |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107  | 111910   | 62.016 | ng    | 94     |
| 37) 2-Methylnaphthalene        | 12.50 | 142  | 216782   | 63.022 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 12.72 | 142  | 209313   | 62.709 | ng    | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216  | 155313   | 61.559 | ng    | 98     |

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 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

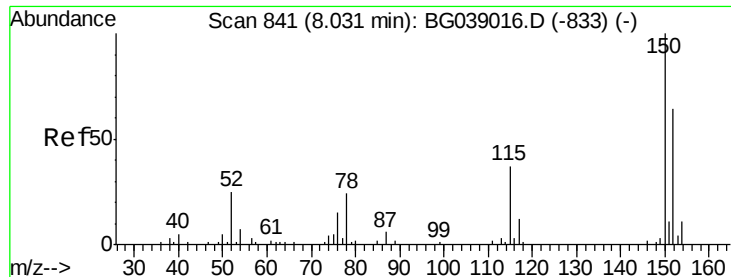
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jan 09 13:42:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 09 12:51:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.83 | 237  | 85307    | 61.543 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.11 | 196  | 103141   | 66.486 | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 110561   | 67.313 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.50 | 154  | 328657   | 58.083 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.56 | 162  | 262706   | 60.104 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.77 | 65   | 77516    | 55.678 | nq    | 97       |
| 49) Acenaphthylene             | 14.40 | 152  | 396209   | 60.636 | nq    | 99       |
| 50) Dimethylphthalate          | 14.13 | 163  | 343841   | 62.380 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.26 | 165  | 79405    | 63.569 | nq    | 94       |
| 52) Acenaphthene               | 14.74 | 154  | 240759   | 61.619 | nq    | 96       |
| 53) 3-Nitroaniline             | 14.60 | 138  | 80875    | 63.515 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 14.80 | 184  | 46836    | 71.805 | nq    | 95       |
| 55) Dibenzofuran               | 15.07 | 168  | 416315   | 62.159 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 59327    | 61.416 | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.05 | 165  | 112001   | 63.661 | nq    | 96       |
| 58) Fluorene                   | 15.72 | 166  | 311999   | 62.876 | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 103130   | 69.790 | nq    | 98       |
| 60) Diethylphthalate           | 15.48 | 149  | 352229   | 58.210 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204  | 198398   | 64.081 | nq    | 98       |
| 62) 4-Nitroaniline             | 15.77 | 138  | 84239    | 64.260 | nq    | 99       |
| 63) Azobenzene                 | 16.00 | 77   | 276557   | 54.710 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 79662    | 64.898 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.93 | 169  | 312468   | 61.802 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 137147   | 65.261 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.72 | 284  | 146294   | 67.154 | nq    | 98       |
| 69) Atrazine                   | 16.87 | 200  | 128823   | 68.657 | nq    | 97       |
| 70) Pentachlorophenol          | 17.07 | 266  | 87399    | 67.828 | nq    | 99       |
| 71) Phenanthrene               | 17.47 | 178  | 541197   | 60.651 | nq    | 99       |
| 72) Anthracene                 | 17.56 | 178  | 531219   | 60.303 | nq    | 99       |
| 73) Carbazole                  | 17.83 | 167  | 526753   | 60.463 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.36 | 149  | 579853   | 58.005 | nq    | 99       |
| 75) Fluoranthene               | 19.47 | 202  | 656269   | 59.442 | nq    | 99       |
| 77) Benzidine                  | 19.66 | 184  | 293884   | 56.492 | nq    | 97       |
| 78) Pyrene                     | 19.84 | 202  | 667105   | 57.406 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 258353   | 56.905 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 637813   | 59.504 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.60 | 252  | 262713   | 61.799 | nq    | 97       |
| 83) Chrysene                   | 21.75 | 228  | 609563   | 59.042 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 364440   | 56.598 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.77 | 149  | 618389   | 57.344 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.76 | 276  | 748653   | 61.679 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 23.93 | 252  | 641158   | 60.249 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 24.00 | 252  | 642149   | 60.598 | nq    | 97       |
| 90) Benzo(a)pyrene             | 24.83 | 252  | 626797   | 61.052 | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.82 | 278  | 627915   | 61.427 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 29.95 | 276  | 618132   | 61.360 | nq    | 98       |

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



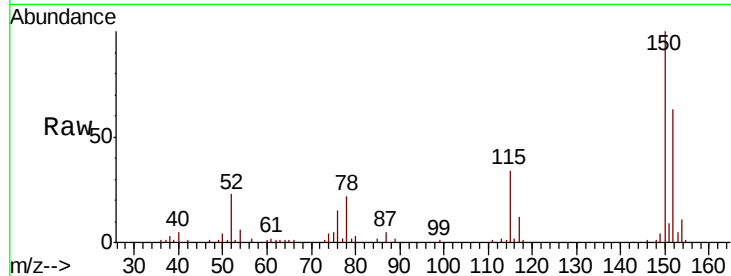


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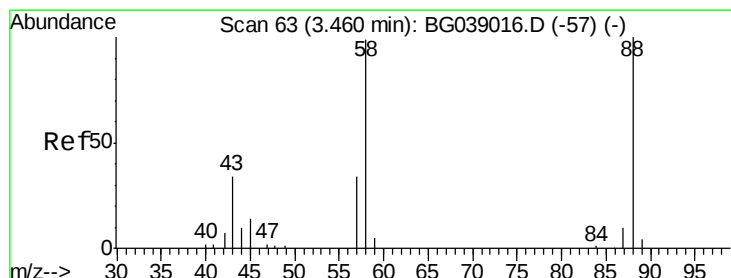
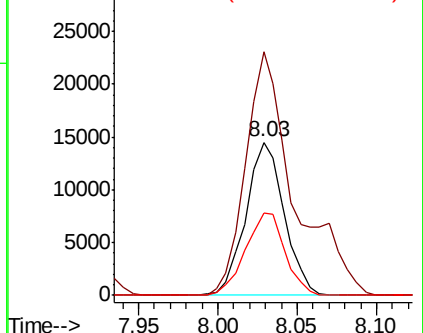
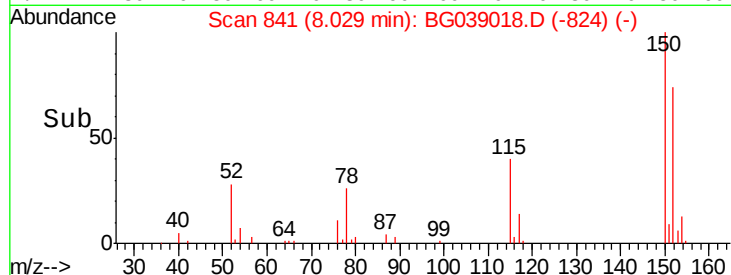
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.03 min Scan# 841  
Delta R.T. -0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 24247  
Ion Ratio Lower Upper  
152 100  
150 159.4 124.7 187.1  
115 53.6 46.5 69.7



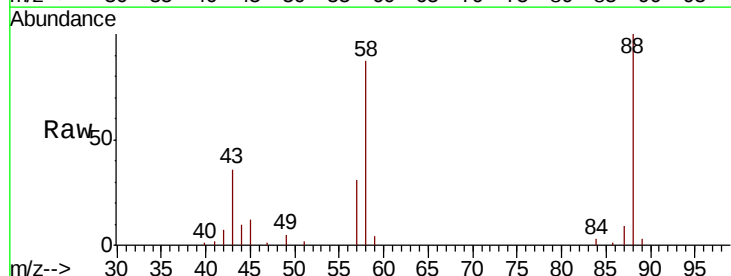
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



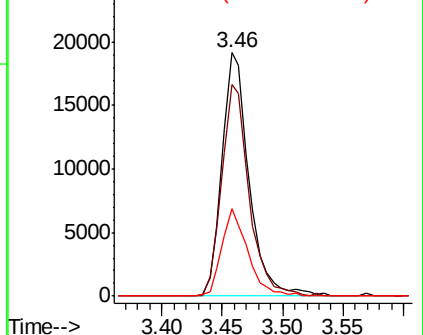
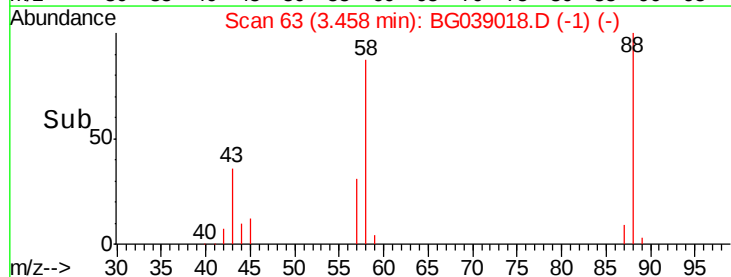
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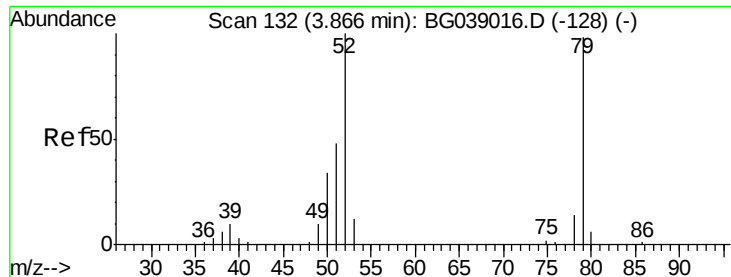
1,4-Dioxane  
Concen: 46.660 ng  
RT: 3.46 min Scan# 63  
Delta R.T. -0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Tgt Ion: 88 Resp: 29687  
Ion Ratio Lower Upper  
88 100  
58 87.3 72.4 108.6  
43 34.6 27.6 41.4



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: 48.284 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampled :

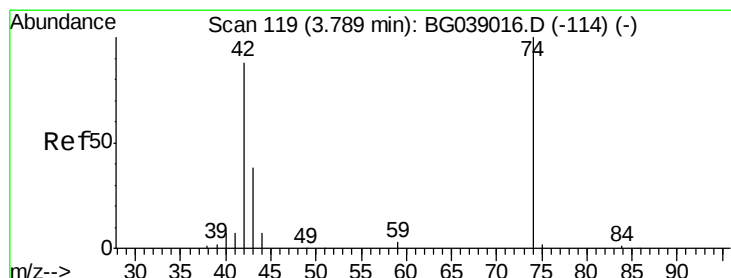
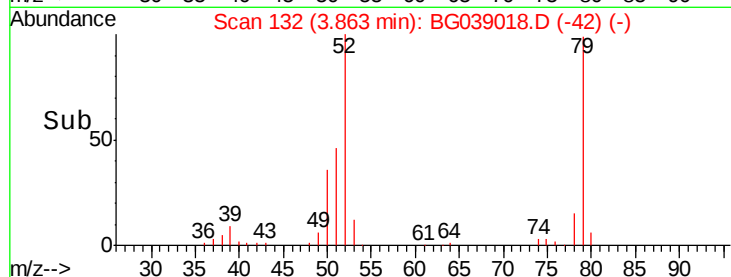
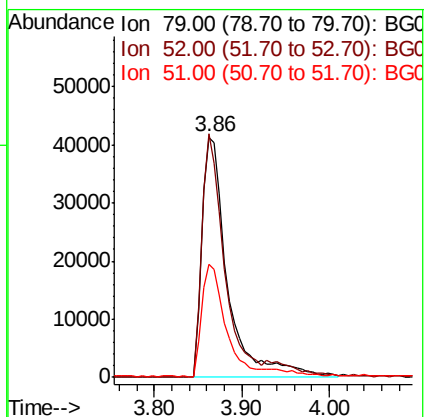
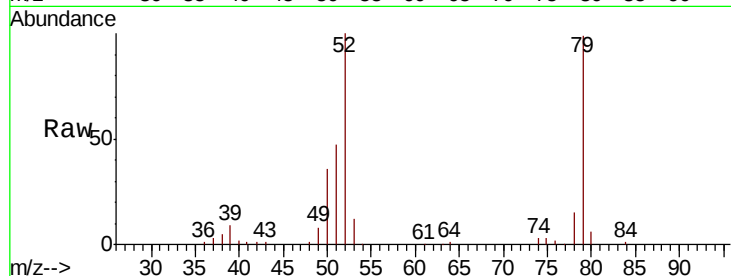
Tot Ion: 79 Resp: 84582

Ion Ratio Lower Upper

79 100

52 101.5 81.5 122.3

51 47.3 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 43.854 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

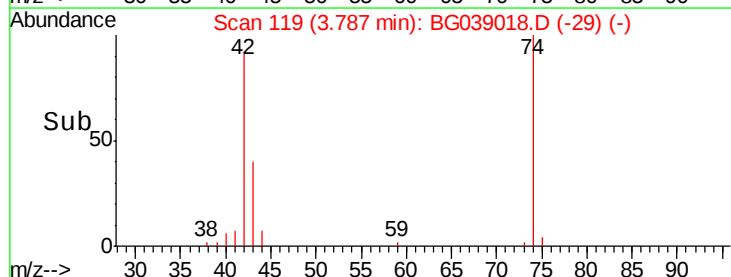
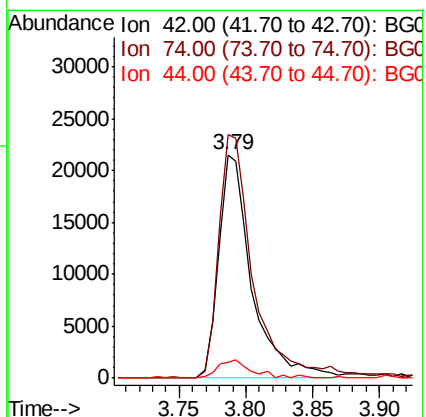
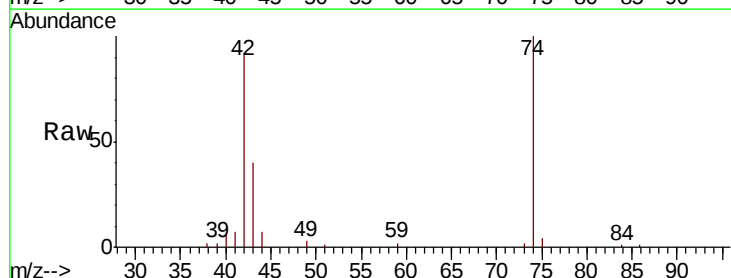
Tgt Ion: 42 Resp: 37641

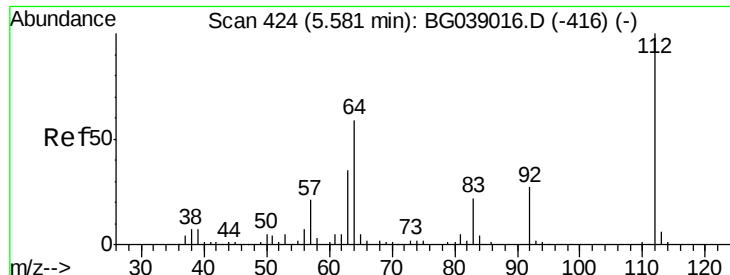
Ion Ratio Lower Upper

42 100

74 108.9 90.7 136.1

44 7.2 6.5 9.7





#5

2-Fluorophenol

Concen: 111.902 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampled :

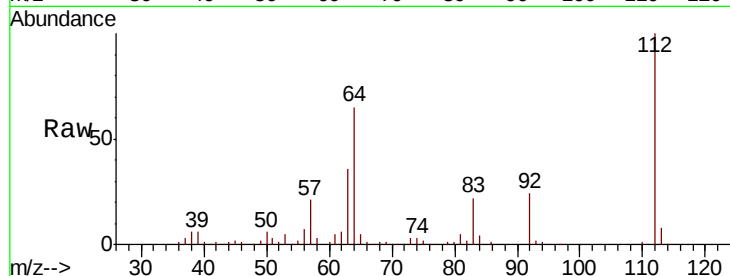
Tot Ion:112 Resp: 152977

Ion Ratio Lower Upper

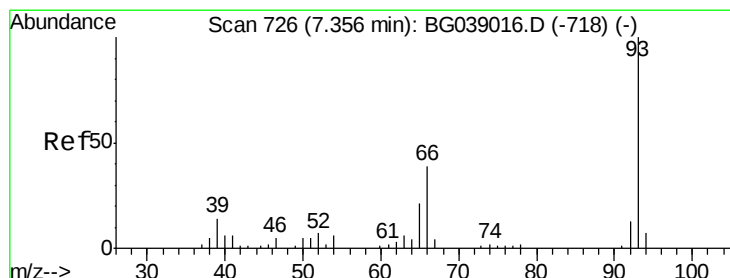
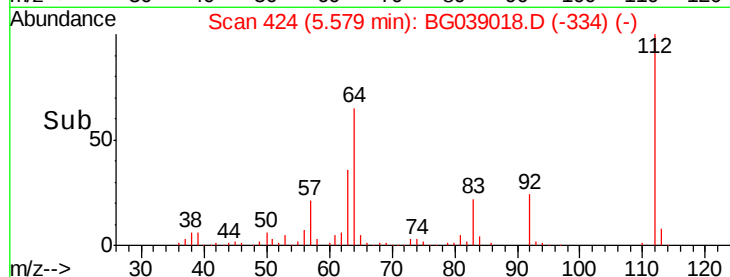
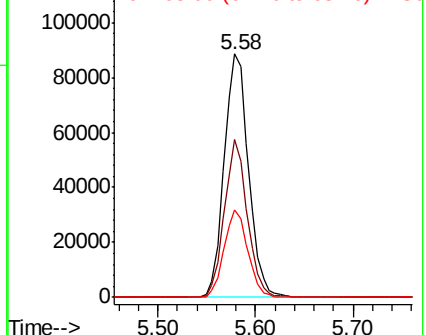
112 100

64 64.6 47.0 70.6

63 36.1 28.0 42.0



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



#6

Aniline

Concen: 55.546 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

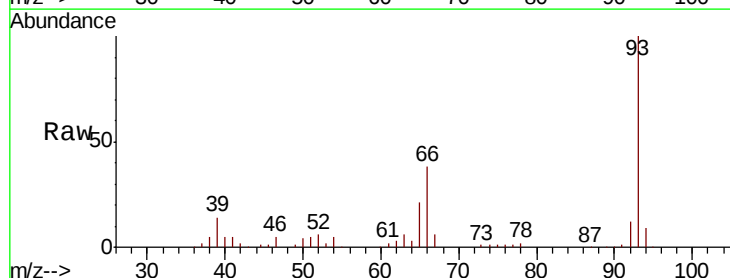
Tgt Ion: 93 Resp: 133074

Ion Ratio Lower Upper

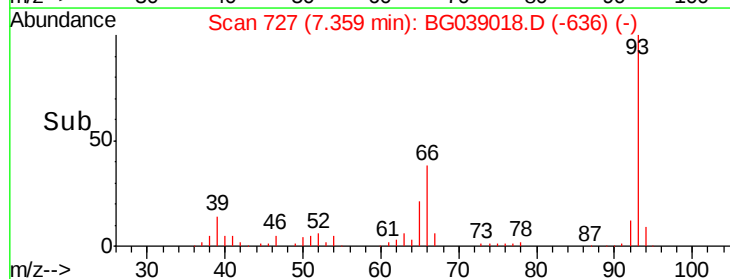
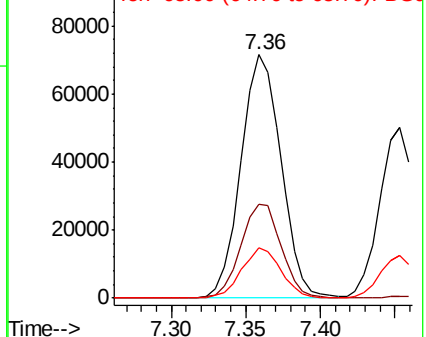
93 100

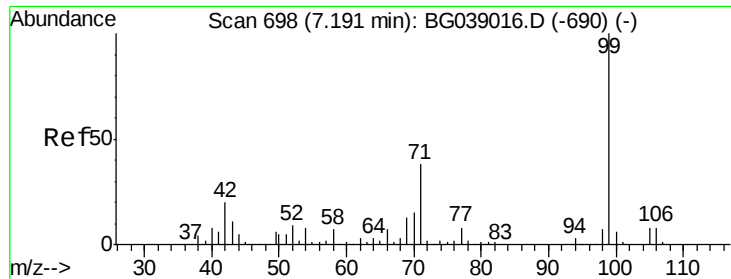
66 38.4 30.9 46.3

65 20.6 17.0 25.4



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: 117.650 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampleId :

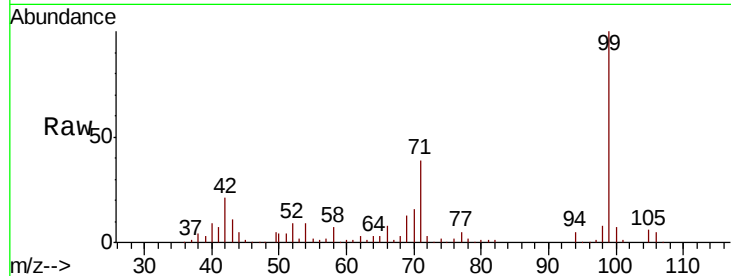
Tot Ion: 99 Resp: 220796

Ion Ratio Lower Upper

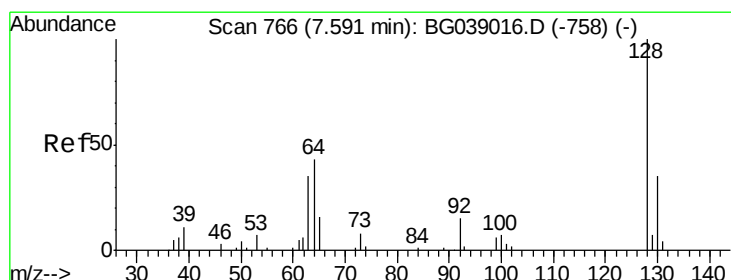
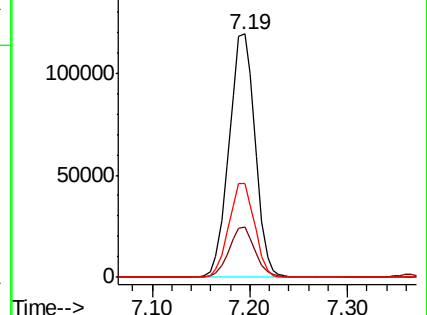
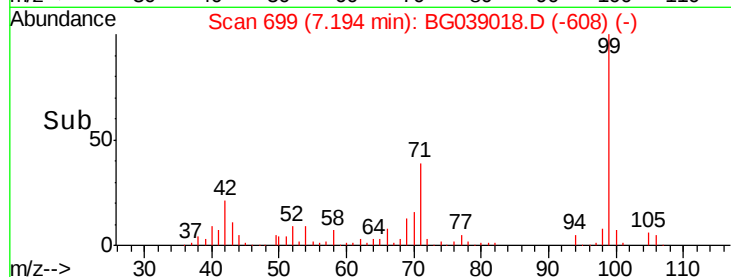
99 100

42 20.8 15.8 23.6

71 38.8 30.2 45.4



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: 57.211 ng

RT: 7.59 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

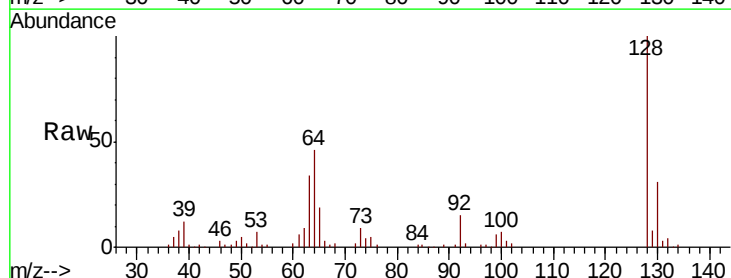
Tgt Ion: 128 Resp: 90508

Ion Ratio Lower Upper

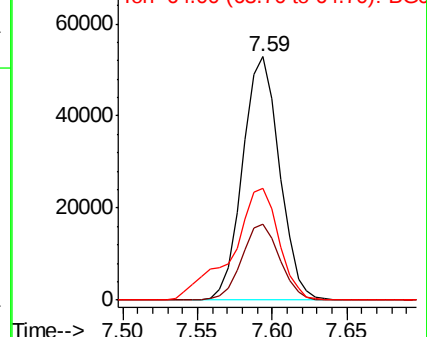
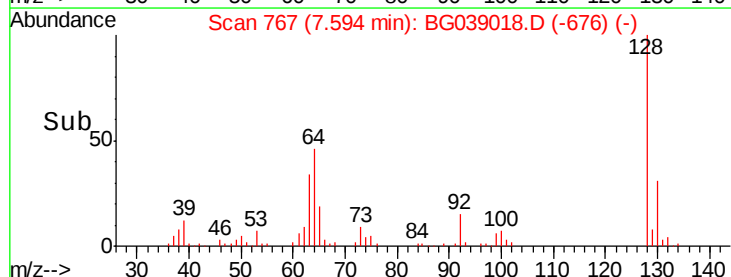
128 100

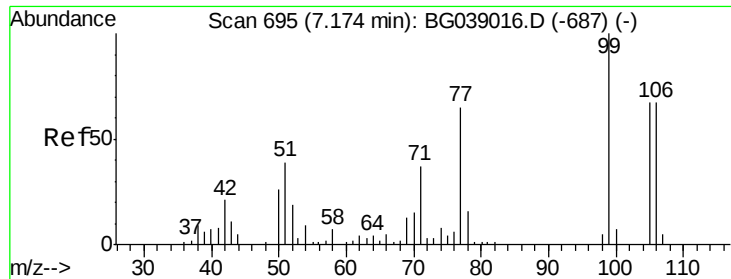
130 31.0 14.5 54.5

64 46.1 27.3 67.3



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





#9

Benzaldehyde

Concen: 42.618 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampled :

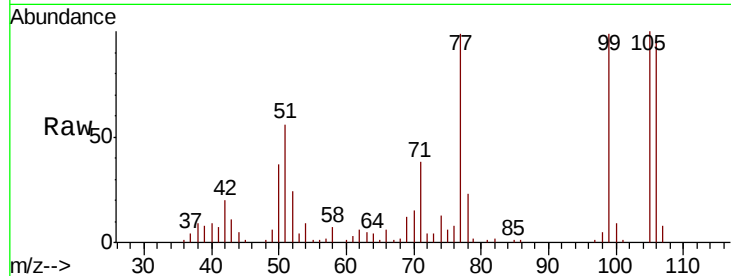
Tot Ion: 77 Resp: 51885

Ion Ratio Lower Upper

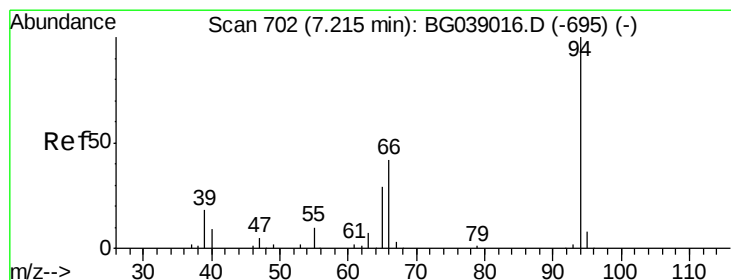
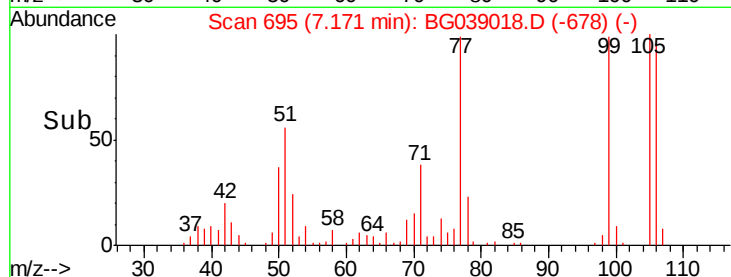
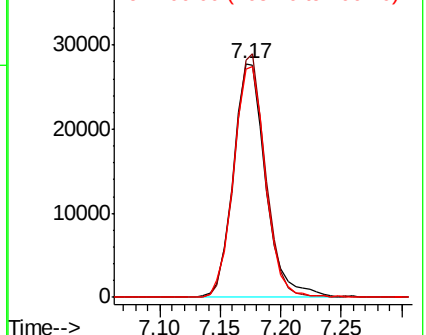
77 100

105 101.5 82.4 122.4

106 97.8 82.8 122.8



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: 56.077 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

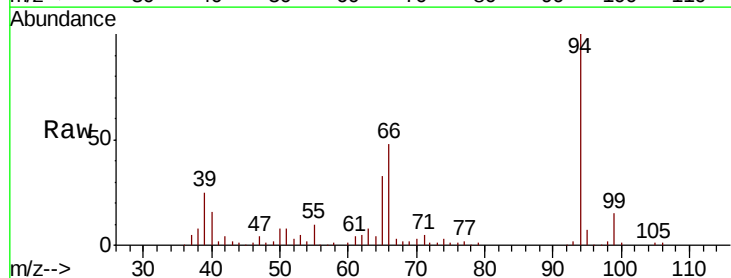
Tgt Ion: 94 Resp: 111808

Ion Ratio Lower Upper

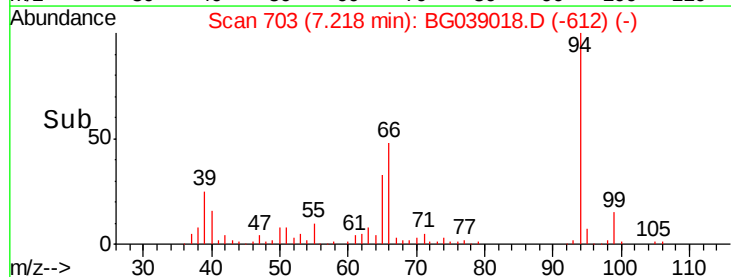
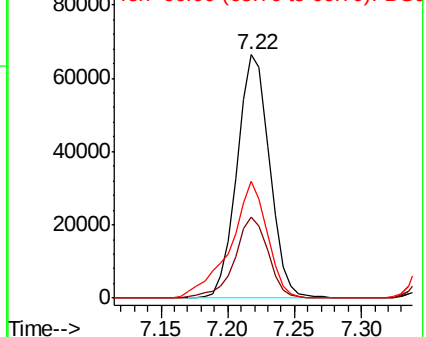
94 100

65 33.3 10.3 50.3

66 48.0 25.1 65.1



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

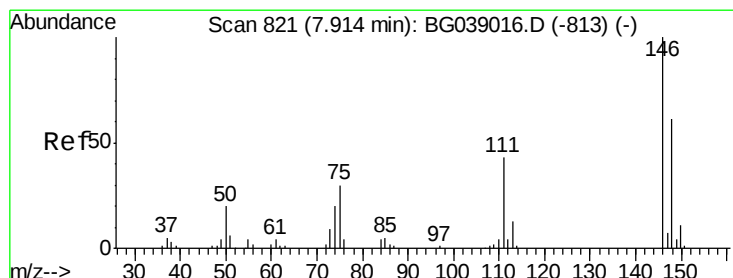
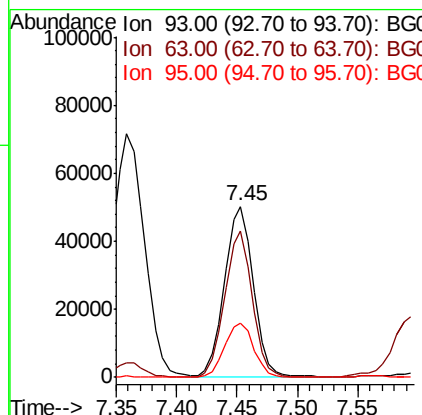
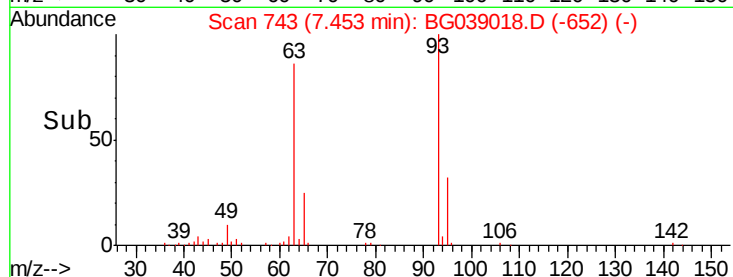
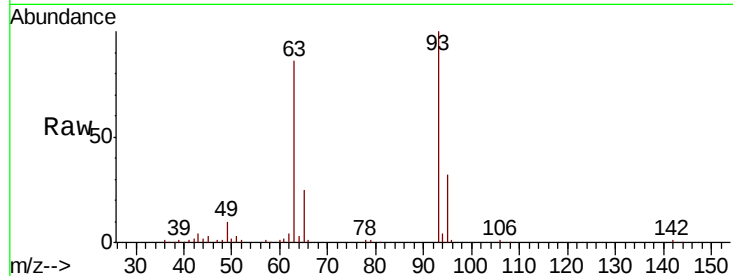




#11  
bis(2-Chloroethyl)ether  
Concen: 52.869 ng  
RT: 7.45 min Scan# 743  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

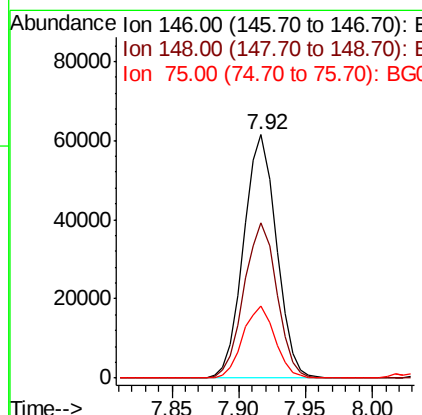
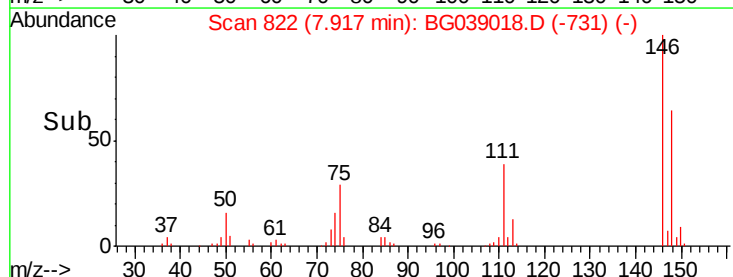
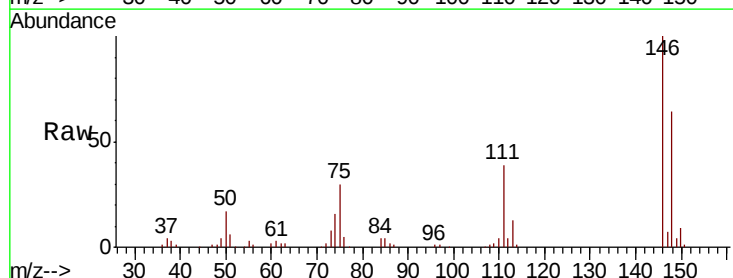
Instrument :  
BNA\_G  
ClientSampled :

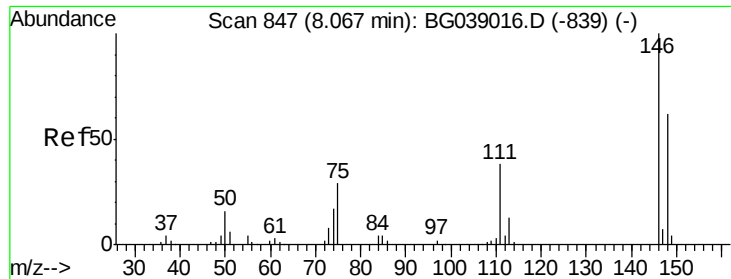
Tot Ion: 93 Resp: 83925  
Ion Ratio Lower Upper  
93 100  
63 85.8 63.2 103.2  
95 31.6 11.2 51.2



#12  
1,3-Dichlorobenzene  
Concen: 55.828 ng  
RT: 7.92 min Scan# 822  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Tgt Ion: 146 Resp: 104429  
Ion Ratio Lower Upper  
146 100  
148 63.8 49.1 73.7  
75 29.8 23.9 35.9

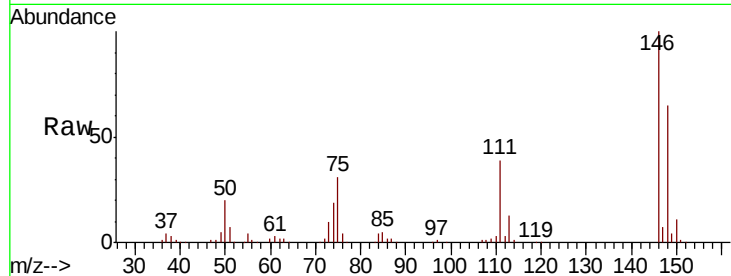




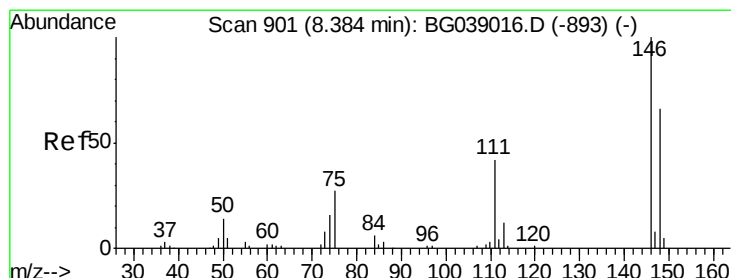
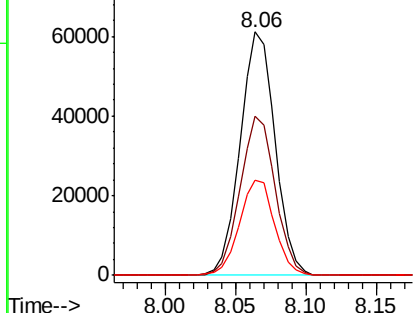
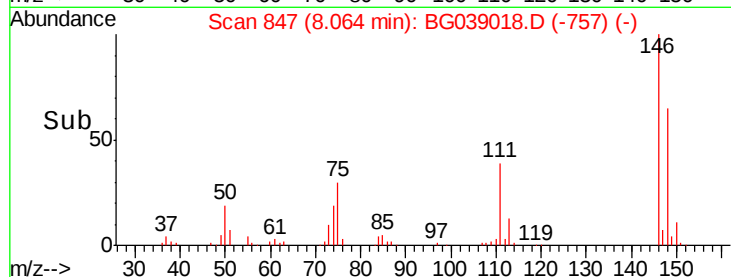
#13  
 1,4-Dichlorobenzene  
 Concen: 55.333 ng  
 RT: 8.06 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 106004  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 49.8 74.6  
 111 39.2 30.6 45.8

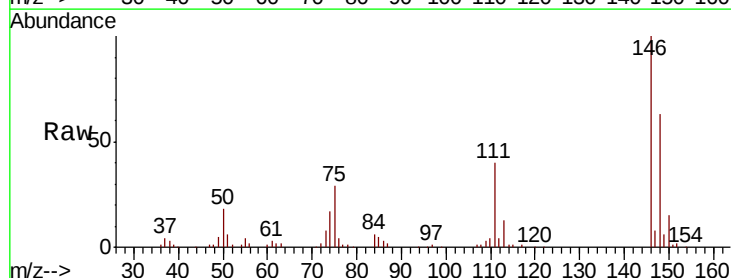


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

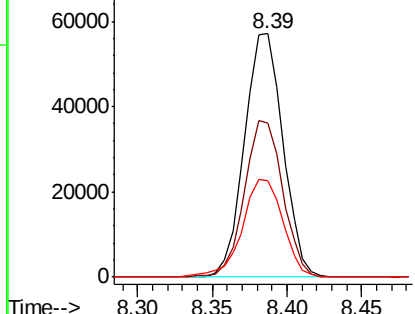
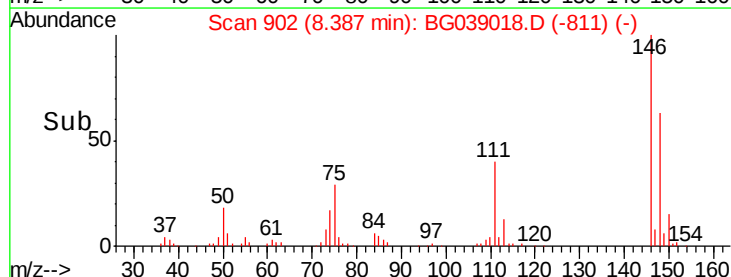


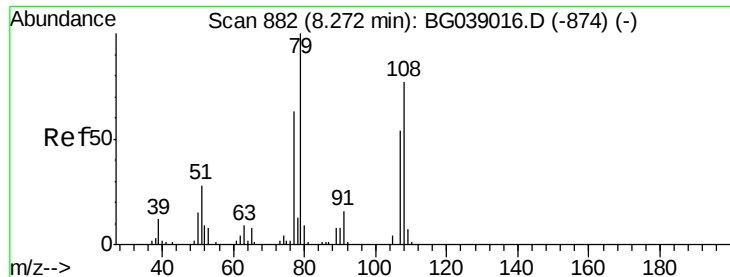
#14  
 1,2-Dichlorobenzene  
 Concen: 56.360 ng  
 RT: 8.39 min Scan# 902  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

Tgt Ion:146 Resp: 101789  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 52.6 79.0  
 111 39.8 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 59.259 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampleId :

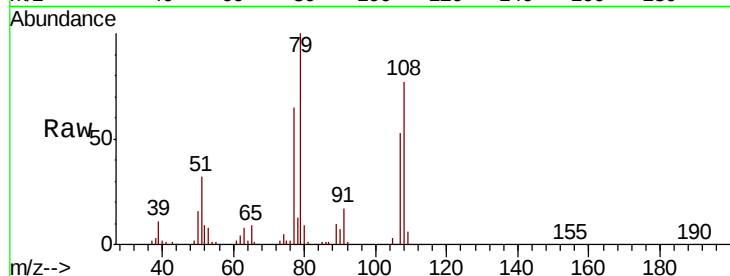
Tot Ion: 79 Resp: 86805

Ion Ratio Lower Upper

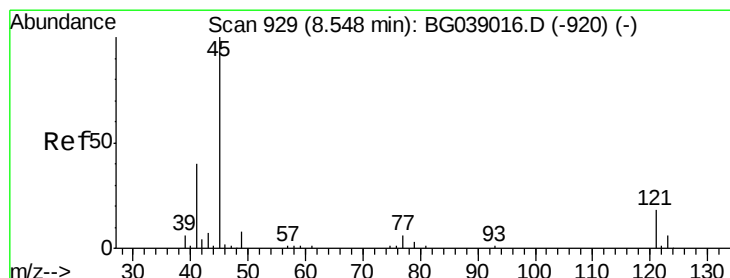
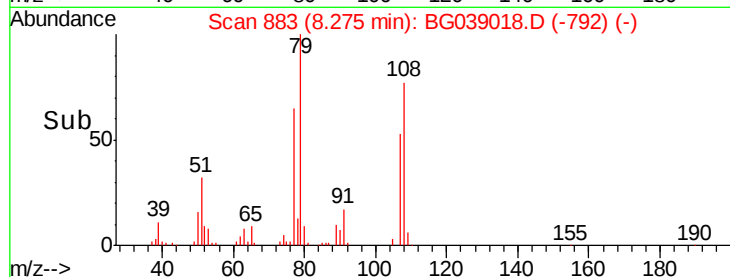
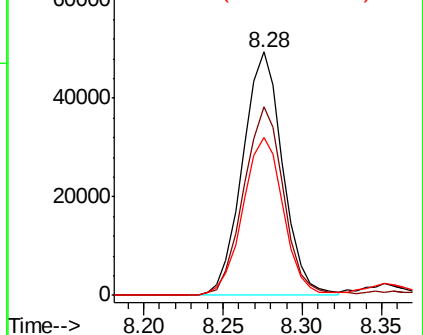
79 100

108 77.4 62.0 93.0

77 64.9 50.1 75.1



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: 43.297 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.01 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

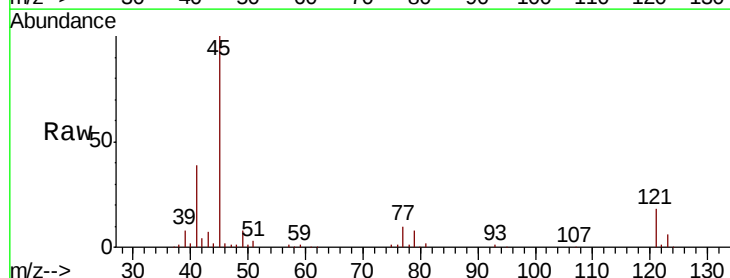
Tgt Ion: 45 Resp: 157442

Ion Ratio Lower Upper

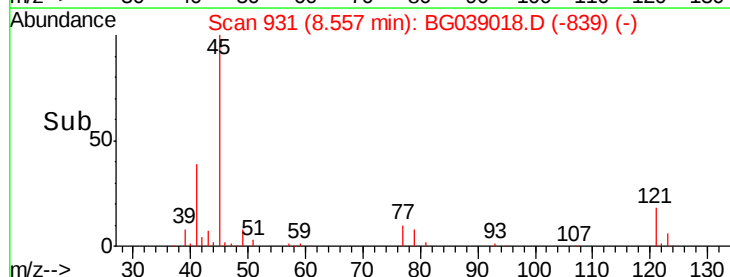
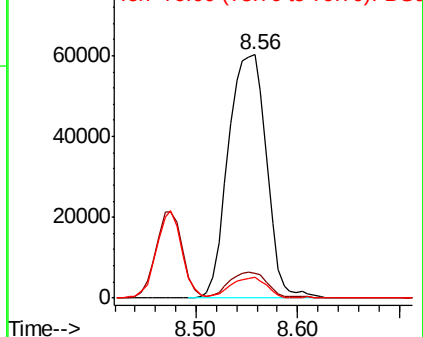
45 100

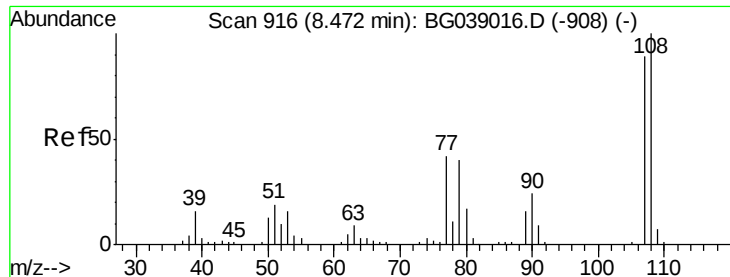
77 10.3 0.0 30.7

79 8.4 0.0 28.5



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

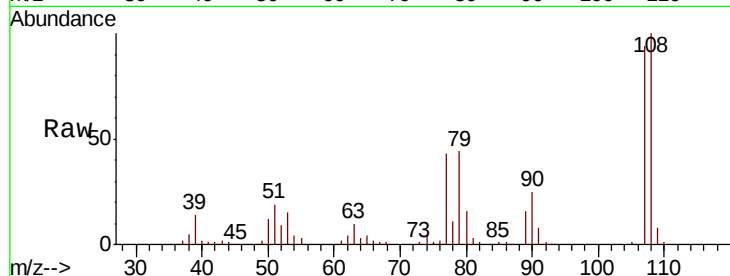




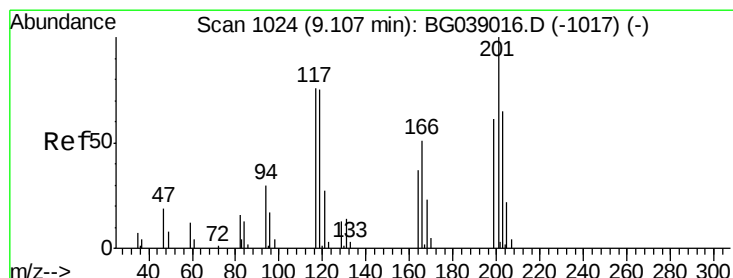
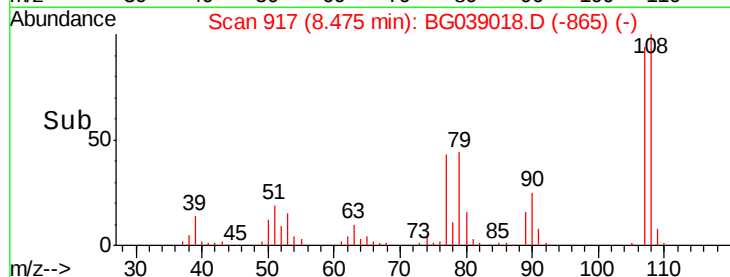
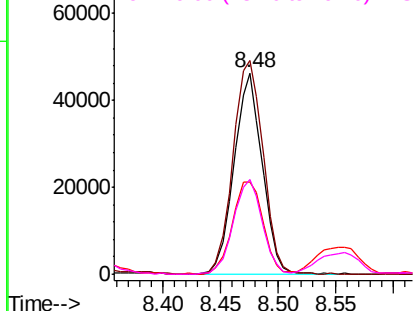
#17  
2-Methylphenol  
Concen: 58.397 ng  
RT: 8.48 min Scan# 917  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:107 Resp: 78009  
Ion Ratio Lower Upper  
107 100  
108 106.1 90.3 135.5  
77 45.8 38.3 57.5  
79 46.8 35.8 53.6

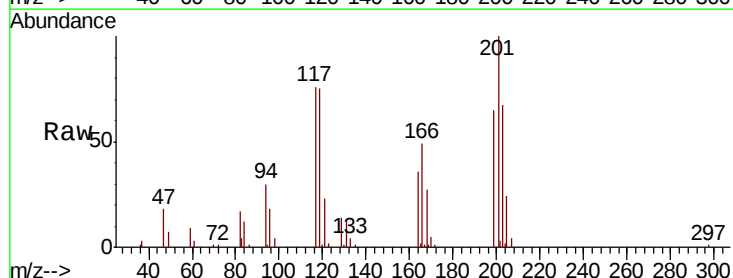


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

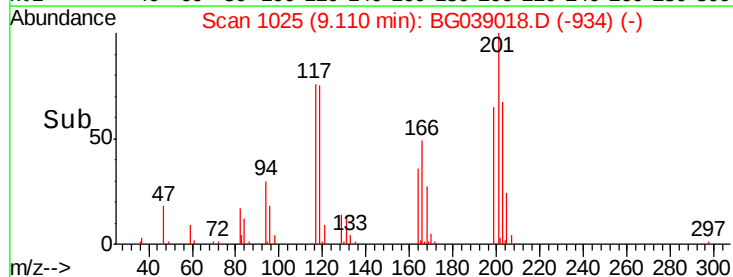
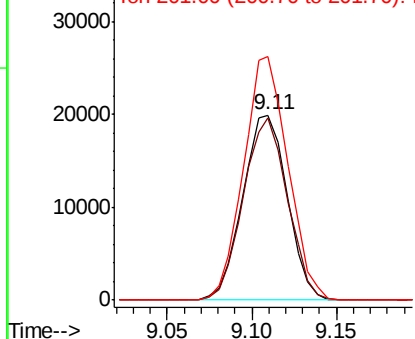


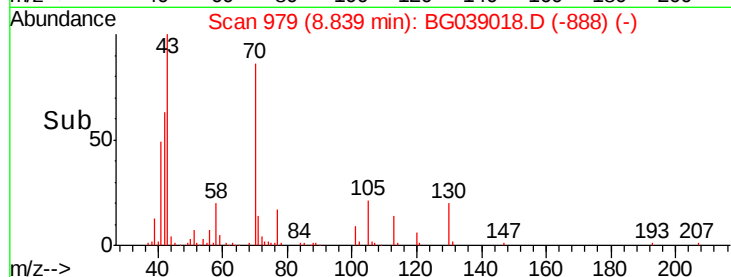
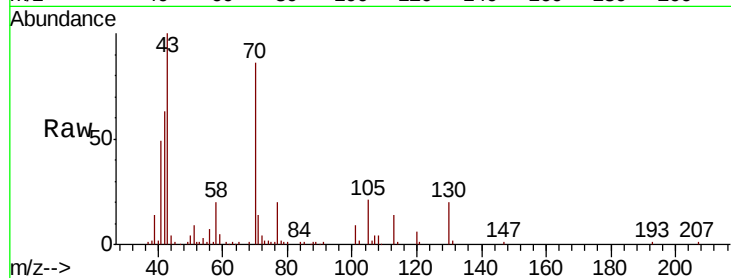
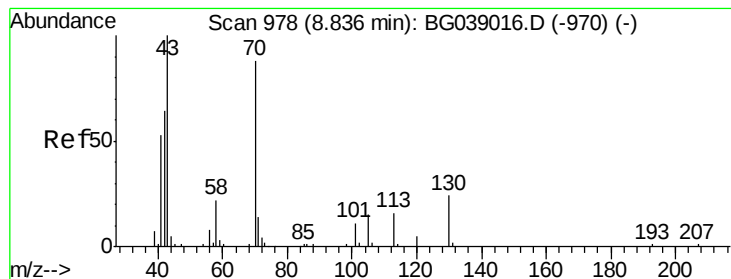
#18  
Hexachloroethane  
Concen: 52.203 ng  
RT: 9.11 min Scan# 1025  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Tgt Ion:117 Resp: 36544  
Ion Ratio Lower Upper  
117 100  
119 99.8 78.7 118.1  
201 135.5 108.1 162.1



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: 54.603 ng

RT: 8.84 min Scan# 979

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 70 Resp: 71972

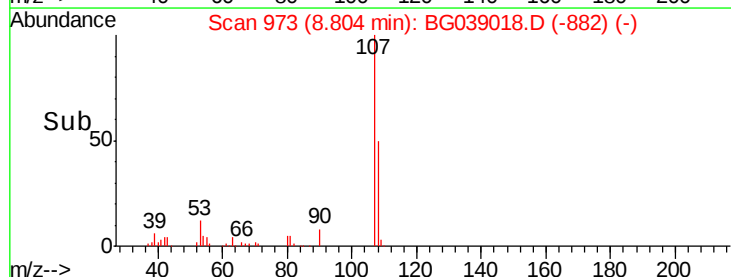
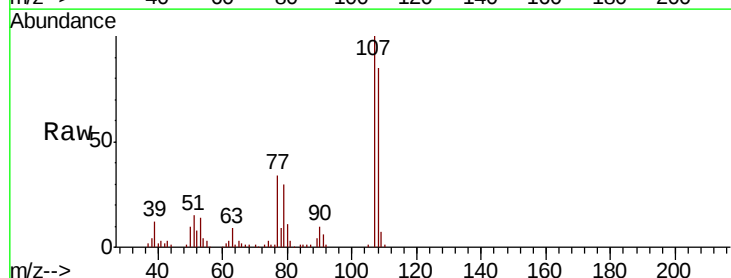
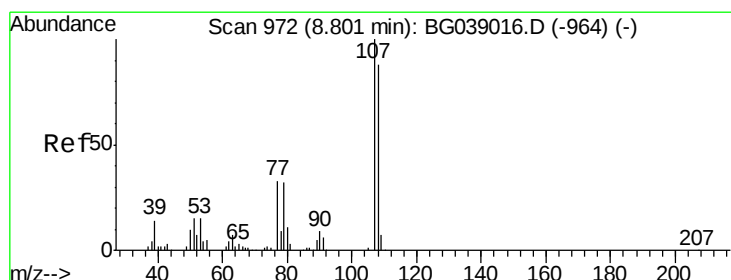
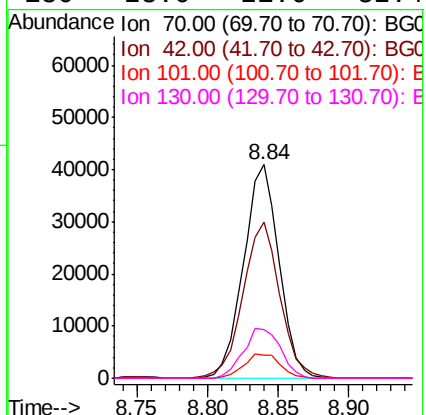
Ion Ratio Lower Upper

70 100

42 73.2 59.0 88.4

101 10.5 10.4 15.6

130 23.0 21.6 32.4



#20

3+4-Methylphenols

Concen: 59.583 ng

RT: 8.80 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Tgt Ion: 107 Resp: 109922

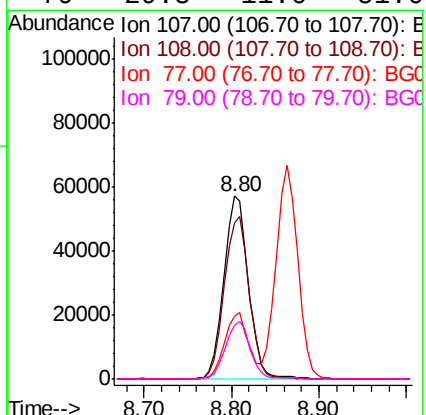
Ion Ratio Lower Upper

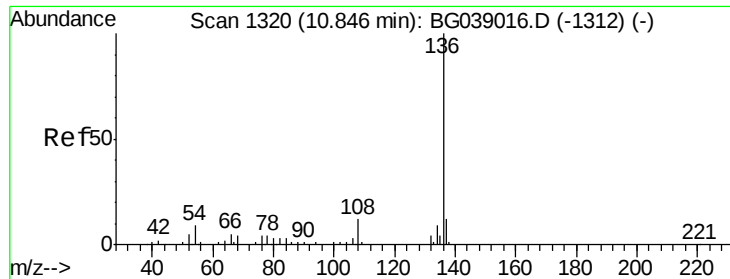
107 100

108 85.3 68.4 108.4

77 34.1 13.3 53.3

79 29.8 11.6 51.6

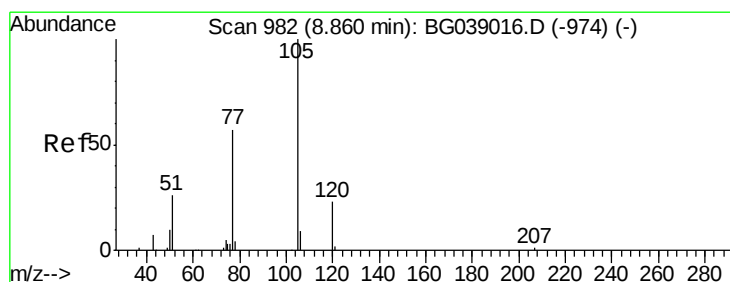
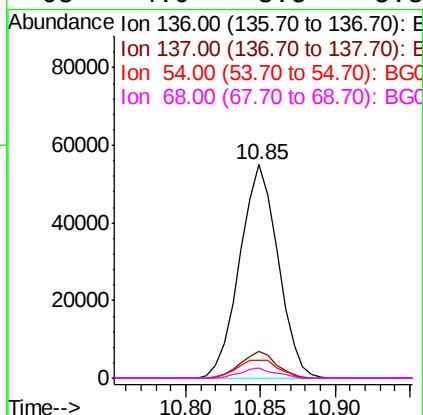
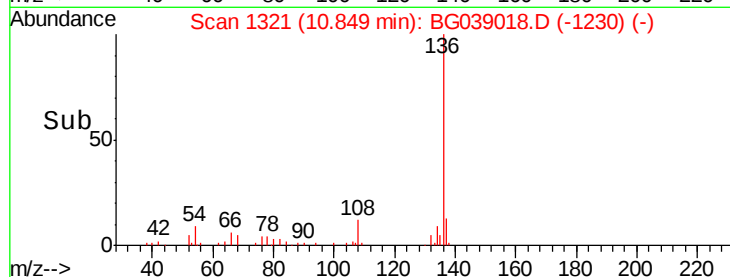
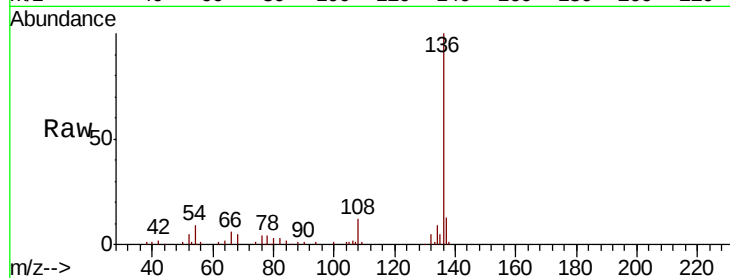




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

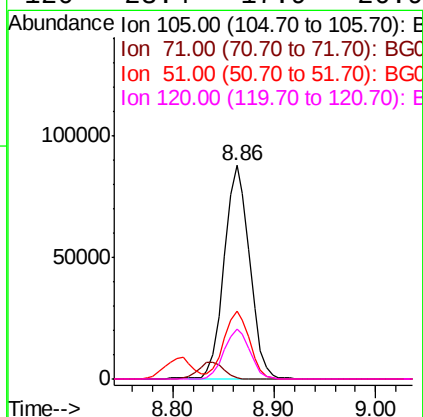
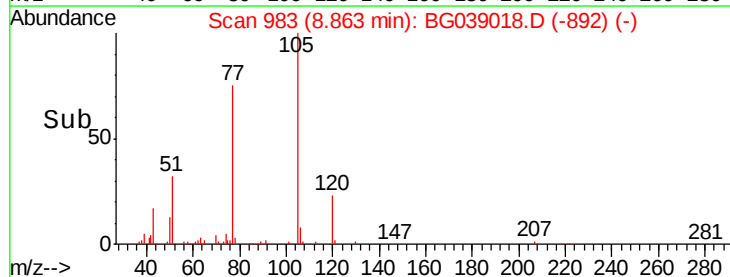
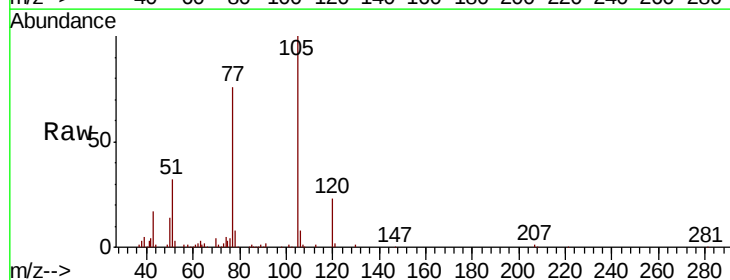
Instrument :  
BNA\_G  
ClientSampleId :

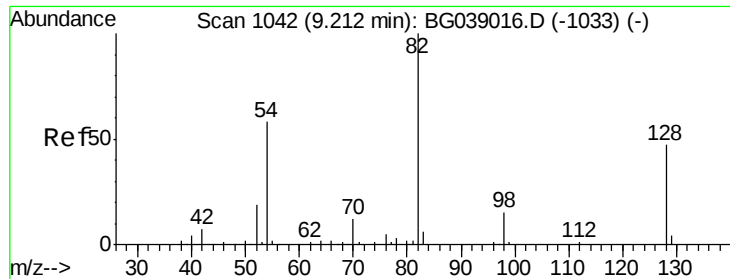
|             |       |       |  |
|-------------|-------|-------|--|
| Tot Ion:136 | Resp: | 97858 |  |
| Ion Ratio   | Lower | Upper |  |
| 136 100     |       |       |  |
| 137 12.6    | 9.4   | 14.2  |  |
| 54 8.6      | 7.2   | 10.8  |  |
| 68 4.9      | 3.5   | 5.3   |  |



#22  
Acetophenone  
Concen: 62.509 ng  
RT: 8.86 min Scan# 983  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 152790 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 0.8     | 0.6   | 1.0    |
| 51  | 31.9    | 26.6  | 39.8   |
| 120 | 23.4    | 17.9  | 26.9   |

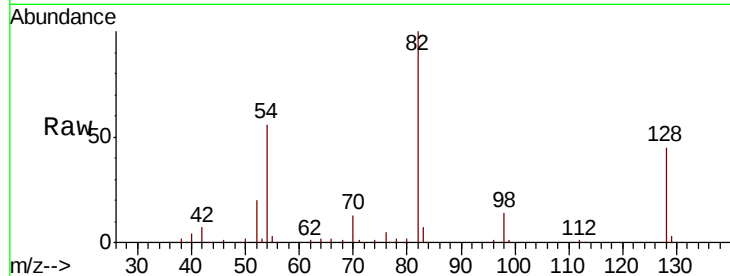




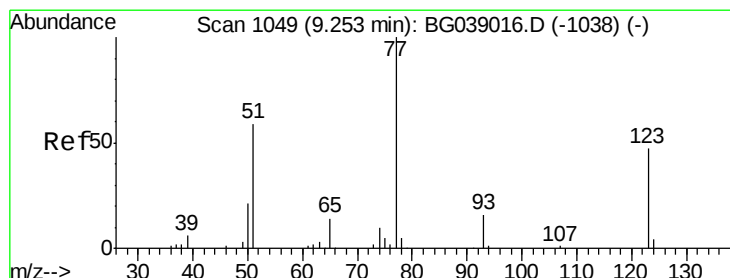
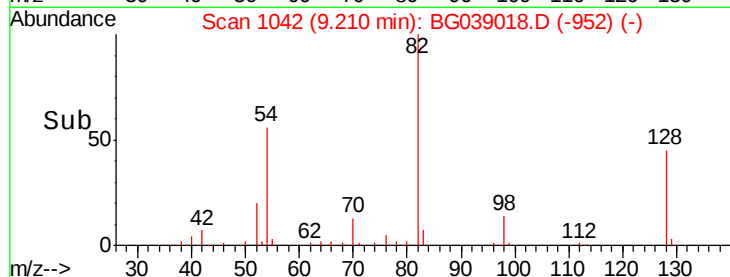
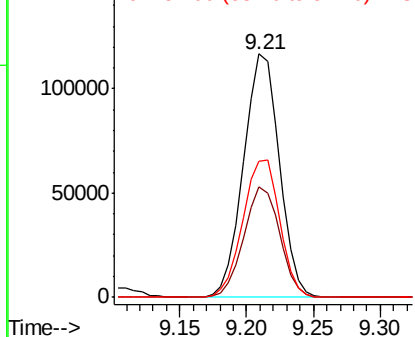
#23  
 Nitrobenzene-d5  
 Concen: 112.883 ng  
 RT: 9.21 min Scan# 1042  
 Delta R.T. -0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

Instrument :  
 BNA\_G  
 ClientSampleID :

Tot Ion: 82 Resp: 216229  
 Ion Ratio Lower Upper  
 82 100  
 128 45.4 37.3 55.9  
 54 55.9 46.4 69.6

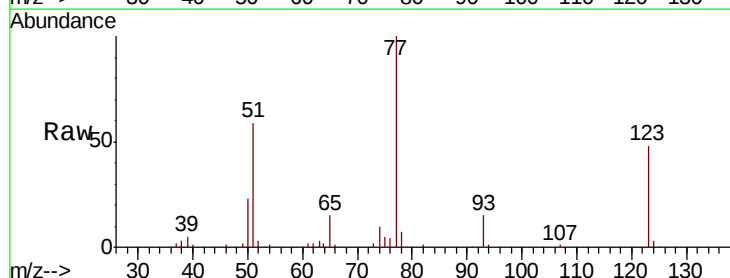


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

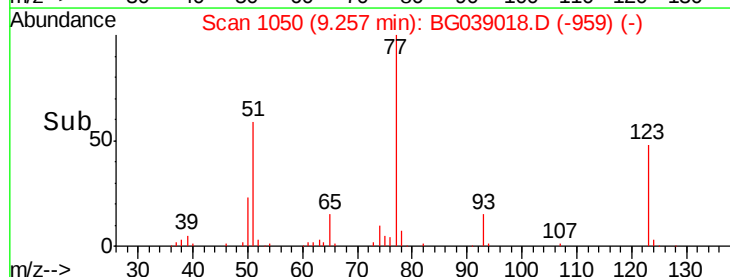
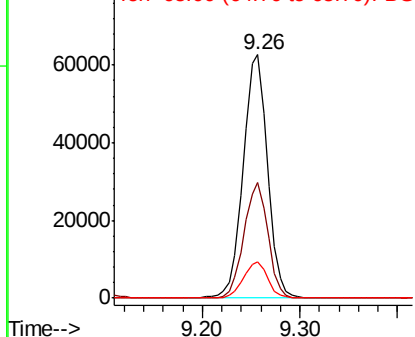


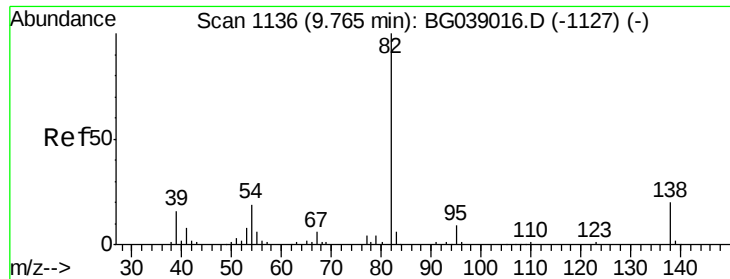
#24  
 Nitrobenzene  
 Concen: 56.503 ng  
 RT: 9.26 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

Tgt Ion: 77 Resp: 109490  
 Ion Ratio Lower Upper  
 77 100  
 123 47.6 37.6 56.4  
 65 15.1 11.0 16.6



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





#25

Isophorone

Concen: 53.697 ng

RT: 9.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampled :

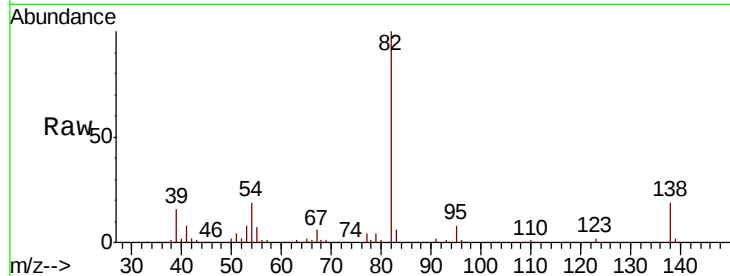
Tot Ion: 82 Resp: 184804

Ion Ratio Lower Upper

82 100

95 8.5 7.0 10.6

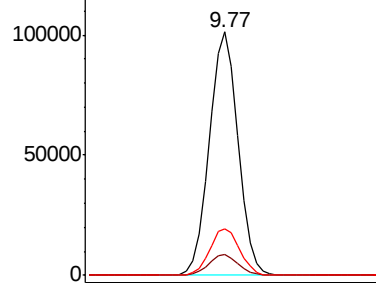
138 19.0 16.2 24.4



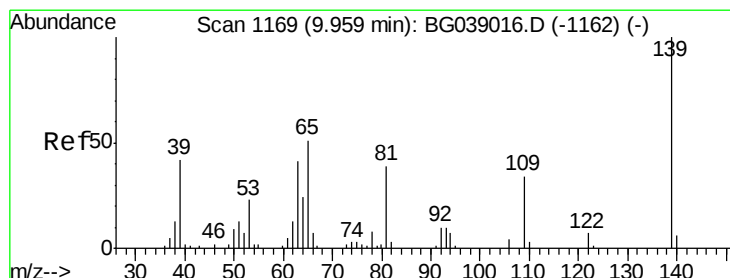
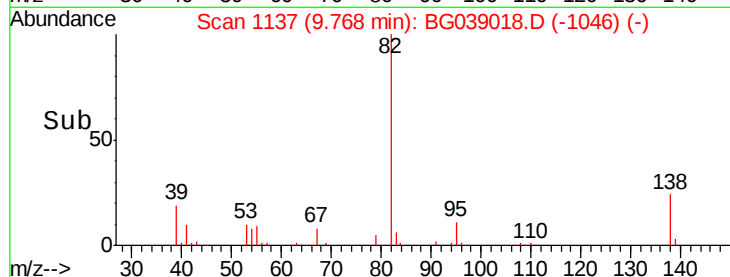
Abundance Ion 82.00 (81.70 to 82.70): BG039016.D (-1127) (-)

Ion 95.00 (94.70 to 95.70): BG039016.D (-1127) (-)

Ion 138.00 (137.70 to 138.70): BG039016.D (-1127) (-)



Time-->



#26

2-Nitrophenol

Concen: 60.903 ng

RT: 9.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

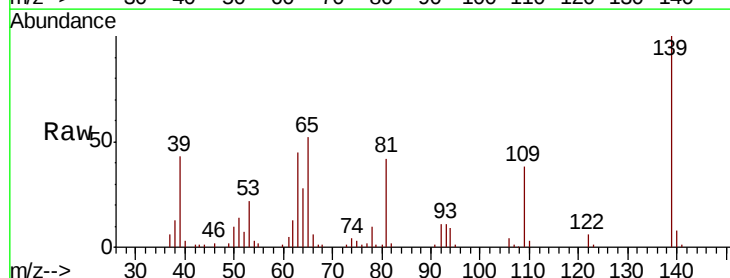
Tgt Ion: 139 Resp: 60404

Ion Ratio Lower Upper

139 100

109 37.8 27.3 40.9

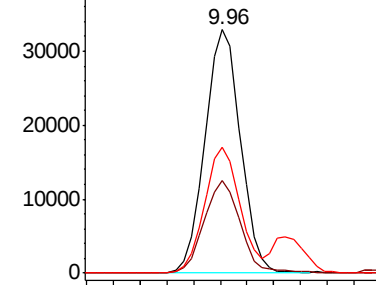
65 51.9 40.6 61.0



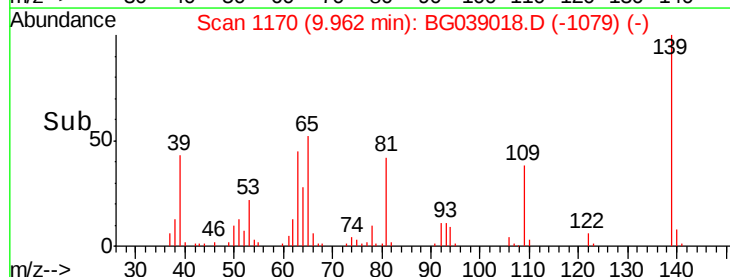
Abundance Ion 139.00 (138.70 to 139.70): BG039016.D (-1162) (-)

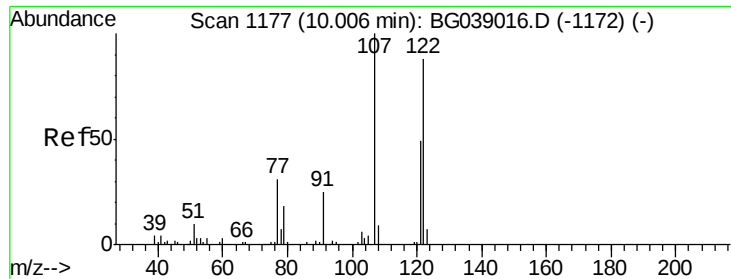
Ion 109.00 (108.70 to 109.70): BG039016.D (-1162) (-)

Ion 65.00 (64.70 to 65.70): BG039016.D (-1162) (-)



Time-->

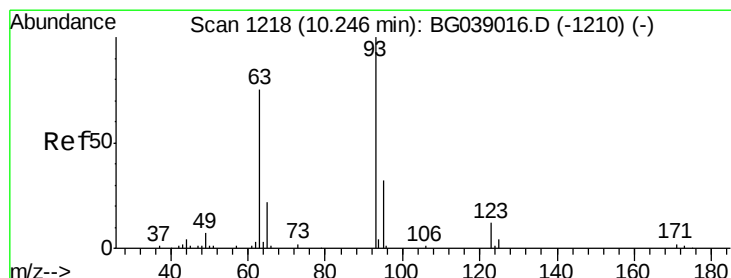
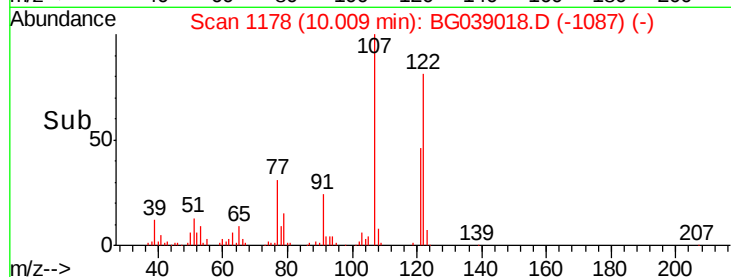
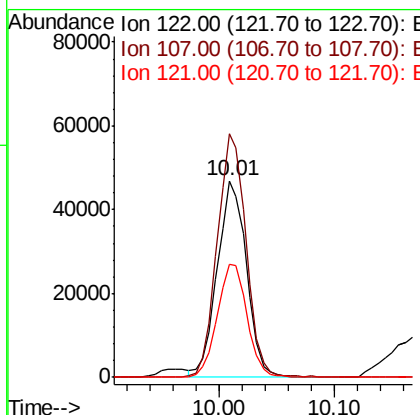
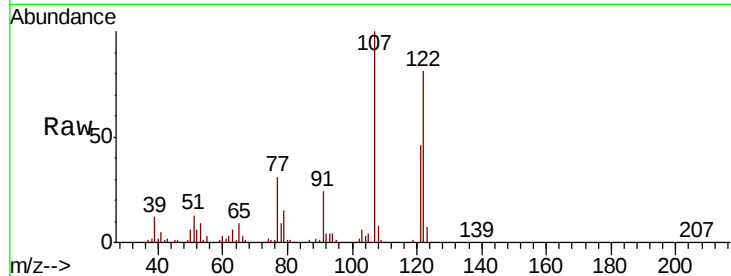




#27  
 2,4-Dimethylphenol  
 Concen: 58.064 ng  
 RT: 10.01 min Scan# 1178  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

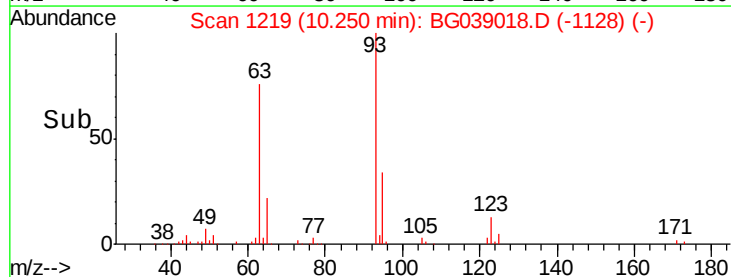
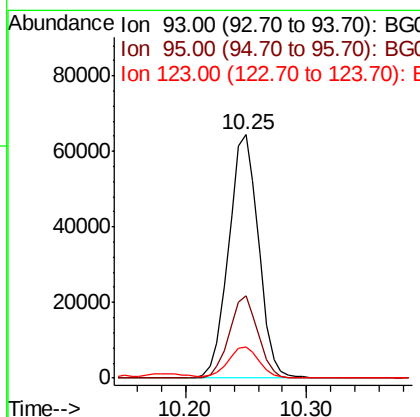
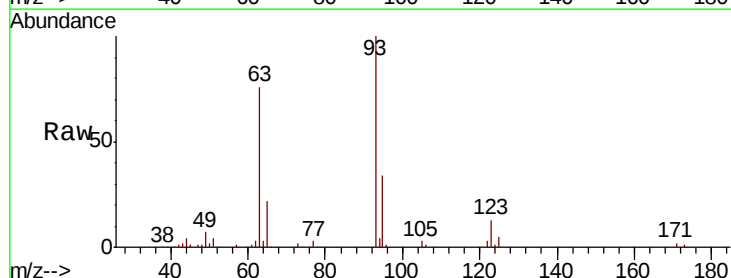
Instrument :  
 BNA\_G  
 ClientSampleId :

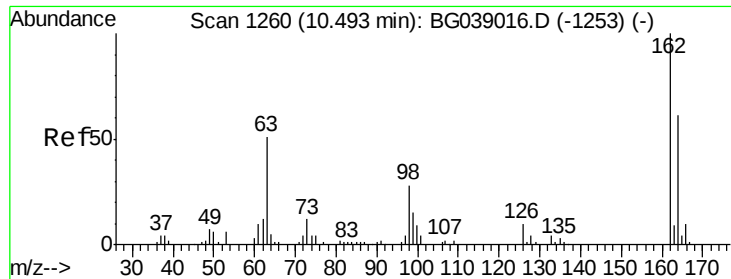
Tot Ion:122 Resp: 82532  
 Ion Ratio Lower Upper  
 122 100  
 107 123.8 88.8 133.2  
 121 57.5 43.1 64.7



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 57.008 ng  
 RT: 10.25 min Scan# 1219  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

Tgt Ion: 93 Resp: 110721  
 Ion Ratio Lower Upper  
 93 100  
 95 33.6 25.6 38.4  
 123 12.8 10.1 15.1

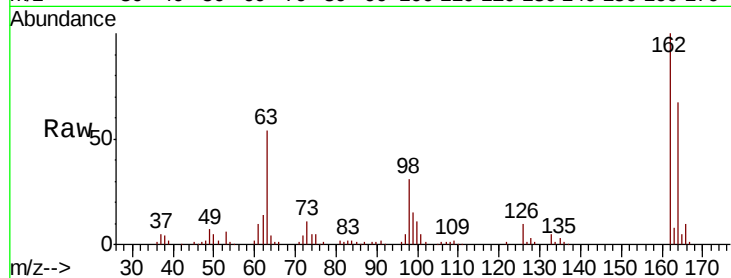




#29  
 2,4-Dichlorophenol  
 Concen: 67.735 ng  
 RT: 10.50 min Scan# 1261  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | 162   | Resp  | 107109 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 162     | 100   |       |        |
| 164     | 67.5  | 41.3  | 81.3   |
| 98      | 31.3  | 8.3   | 48.3   |

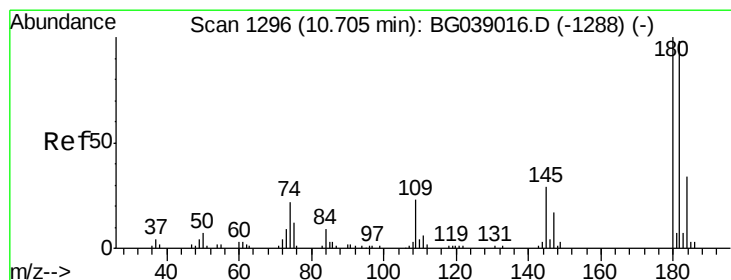
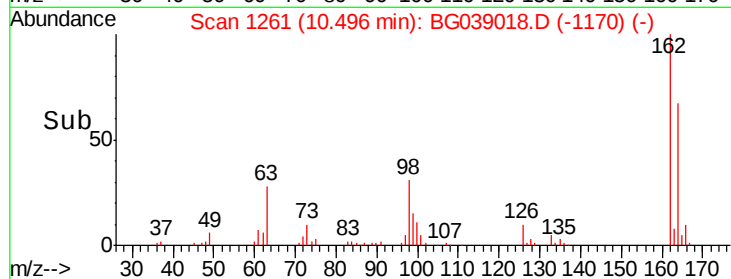
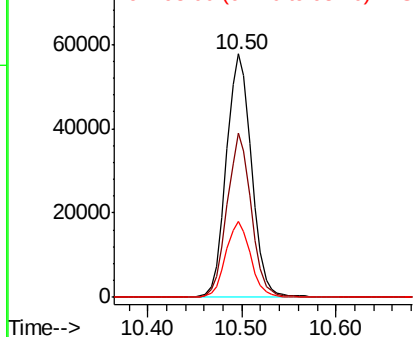


Abundance

Ion 162.00 (161.70 to 162.70): E

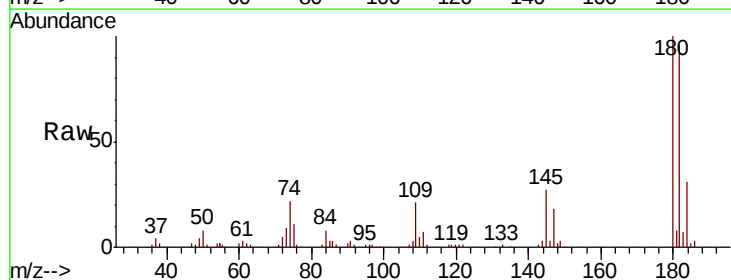
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
 1,2,4-Trichlorobenzene  
 Concen: 64.339 ng  
 RT: 10.71 min Scan# 1297  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

| Tgt Ion | 180   | Resp  | 122892 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 180     | 100   |       |        |
| 182     | 96.3  | 78.1  | 117.1  |
| 145     | 26.9  | 23.1  | 34.7   |

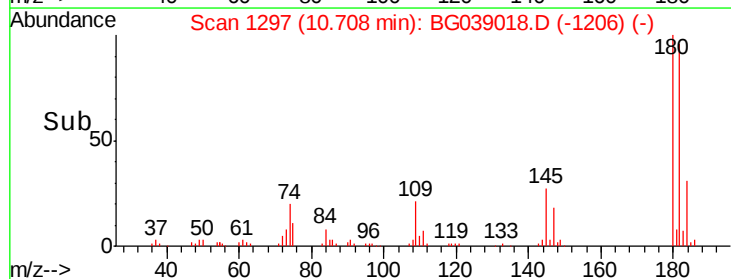
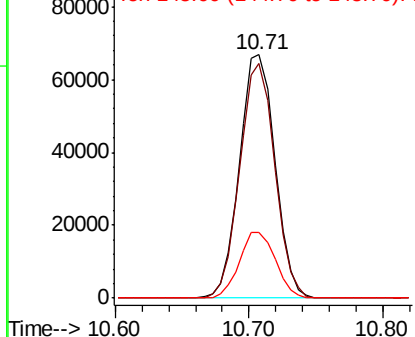


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

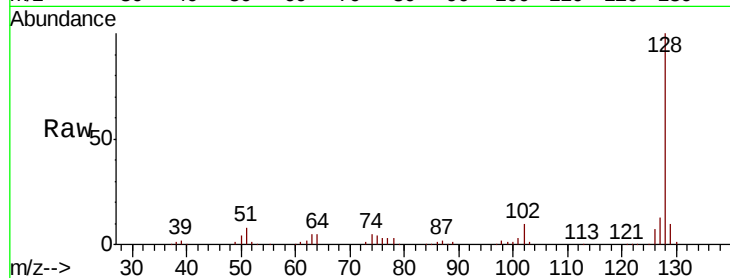




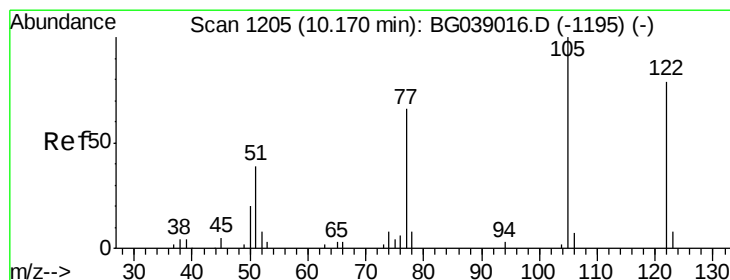
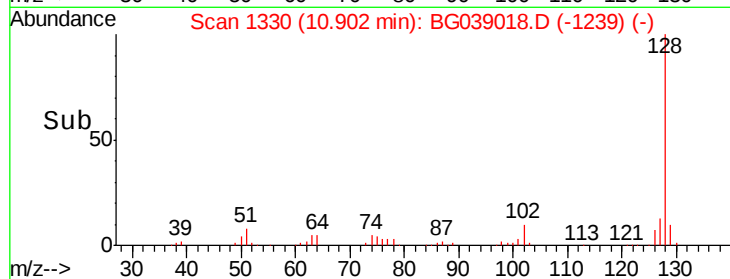
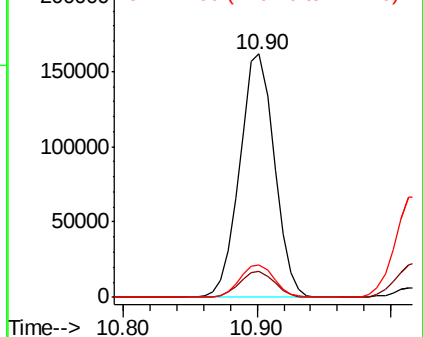
#31  
Naphthalene  
Concen: 60.300 ng  
RT: 10.90 min Scan# 1330  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 290739  
Ion Ratio Lower Upper  
128 100  
129 10.5 9.1 13.7  
127 13.2 11.2 16.8

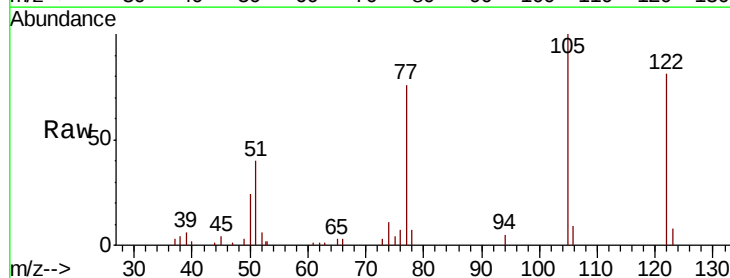


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

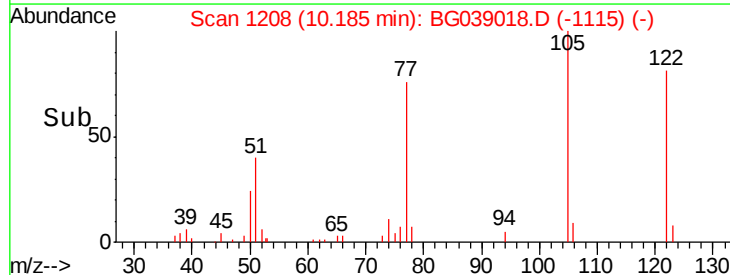
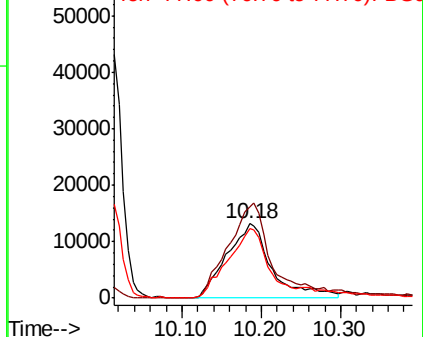


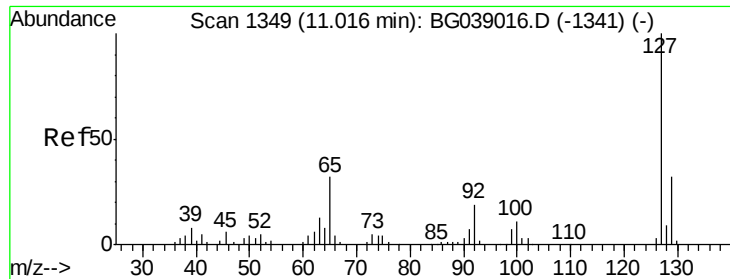
#32  
Benzoic acid  
Concen: 68.842 ng  
RT: 10.18 min Scan# 1208  
Delta R.T. 0.01 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Tgt Ion:122 Resp: 51955  
Ion Ratio Lower Upper  
122 100  
105 122.8 106.4 146.4  
77 93.6 63.6 103.6



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

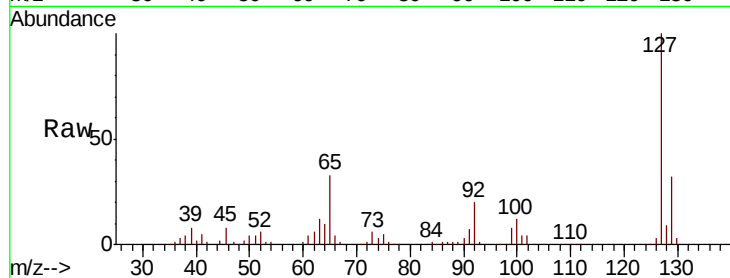




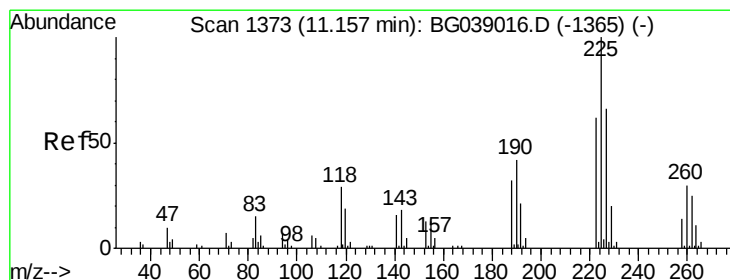
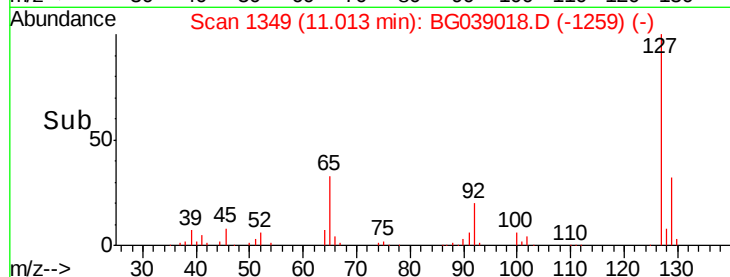
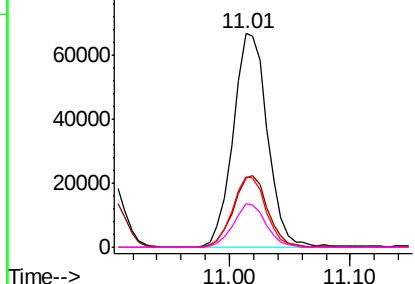
#33  
4-Chloroaniline  
Concen: 63.195 ng  
RT: 11.01 min Scan# 1349  
Delta R.T. -0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Instrument :  
BNA\_G  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 132286 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 25.4  | 38.0   |
| 65       | 33.2  | 25.4  | 38.0   |
| 92       | 20.3  | 15.2  | 22.8   |

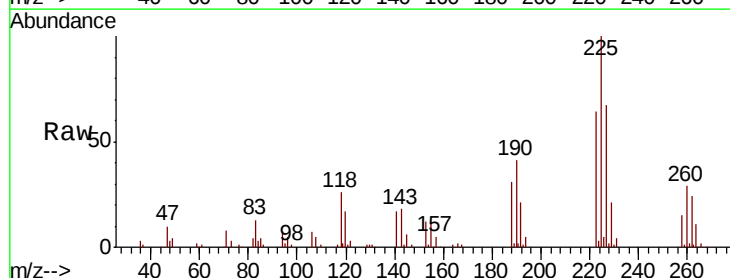


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

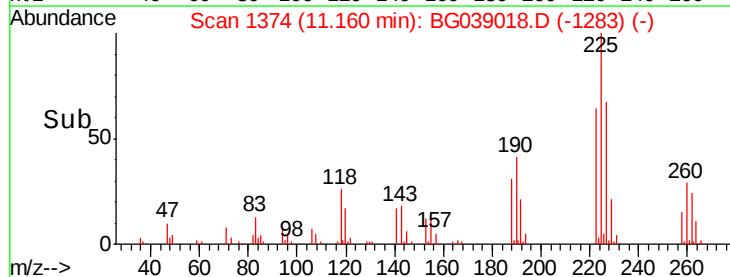
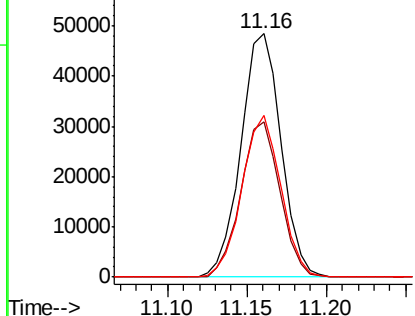


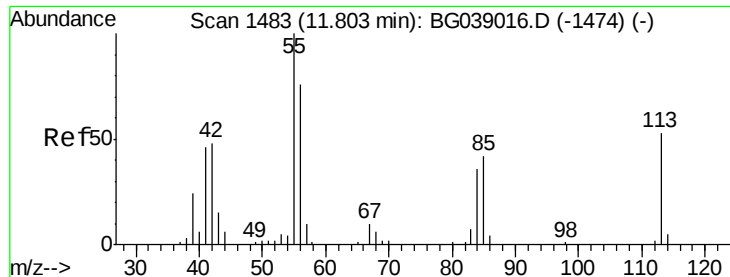
#34  
Hexachlorobutadiene  
Concen: 65.867 ng  
RT: 11.16 min Scan# 1374  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 85129 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 64.0  | 50.2  | 75.4  |
| 227      | 69.1  | 53.2  | 79.8  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 62.988 ng

RT: 11.82 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampled :

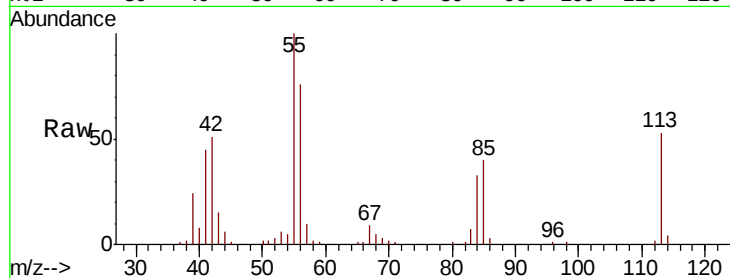
Tot Ion:113 Resp: 41220

Ion Ratio Lower Upper

113 100

55 188.1 168.6 208.6

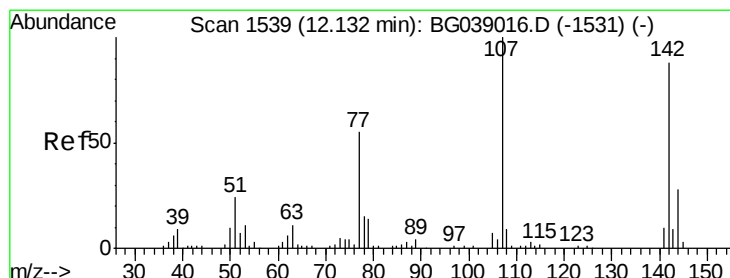
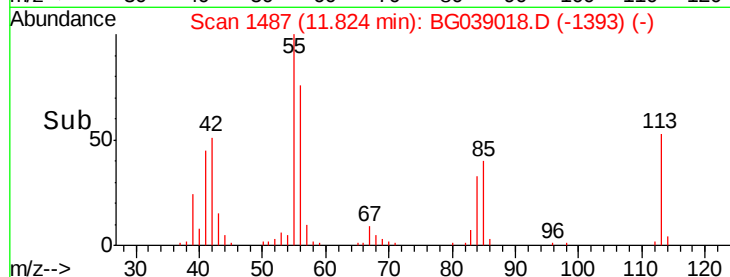
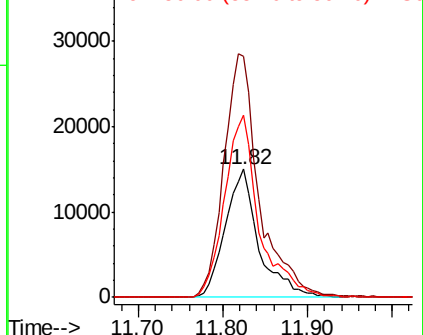
56 142.9 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 62.016 ng

RT: 12.14 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

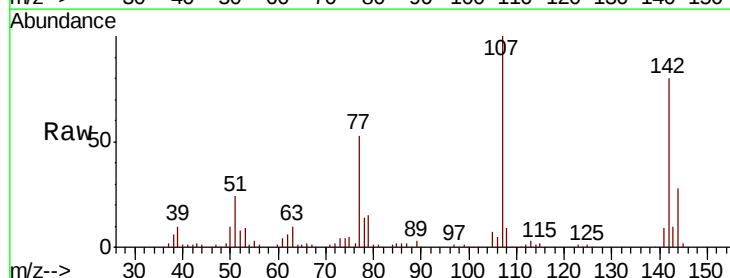
Tgt Ion:107 Resp: 111910

Ion Ratio Lower Upper

107 100

144 28.2 22.6 34.0

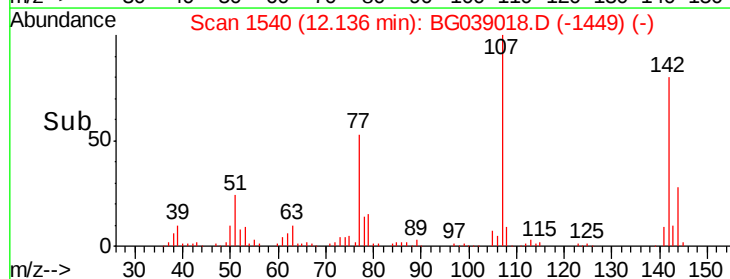
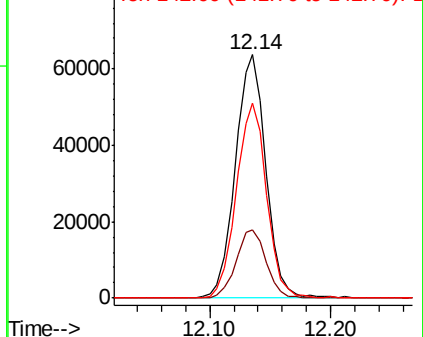
142 80.0 70.2 105.4

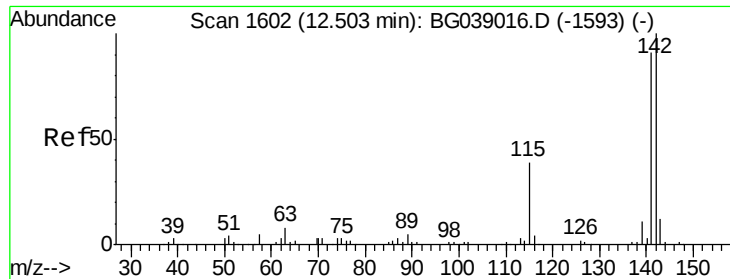


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

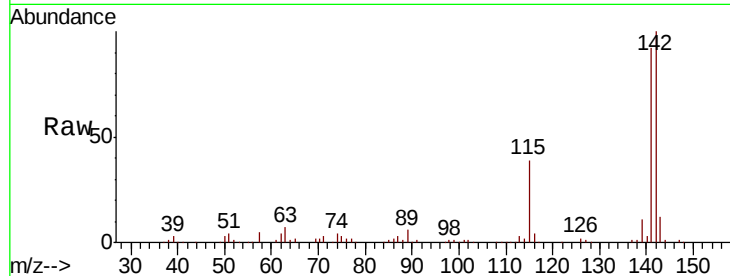




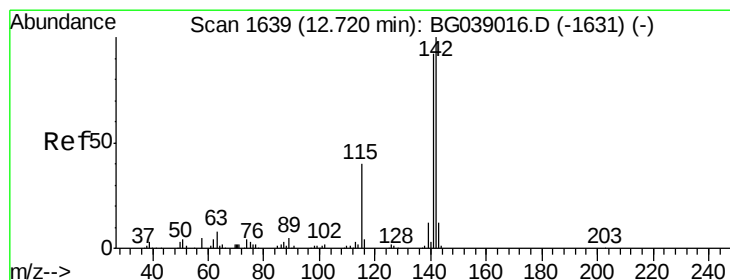
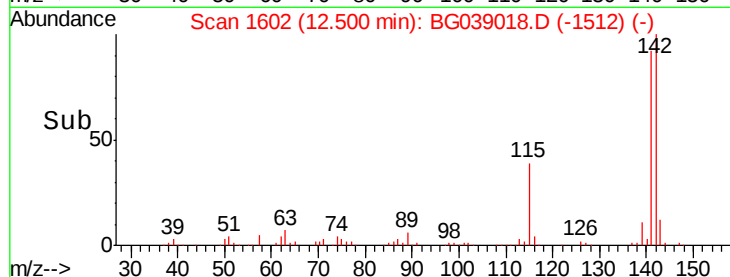
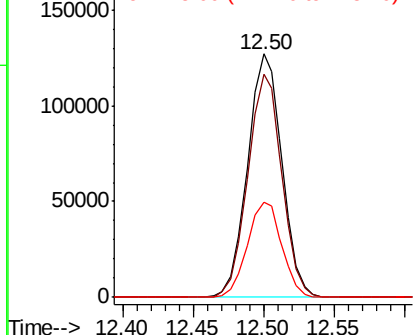
#37  
2-Methylnaphthalene  
Concen: 63.022 ng  
RT: 12.50 min Scan# 1602  
Delta R.T. -0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:142 Resp: 216782  
Ion Ratio Lower Upper  
142 100  
141 91.6 72.6 109.0  
115 39.2 31.1 46.7

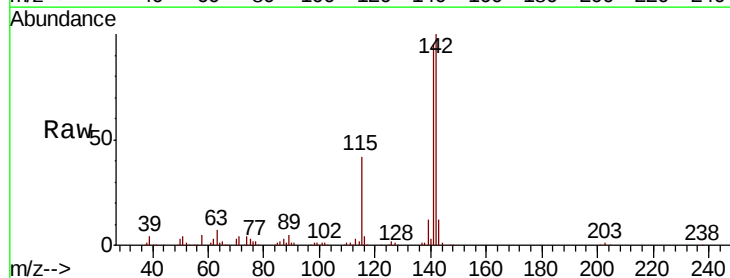


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

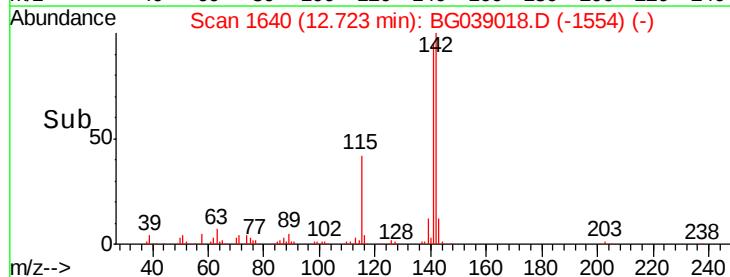
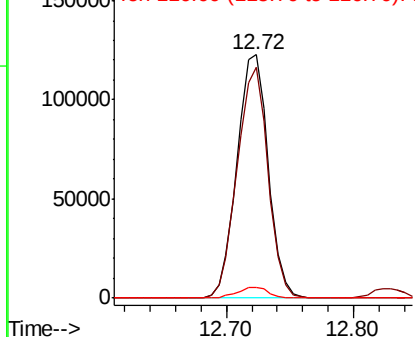


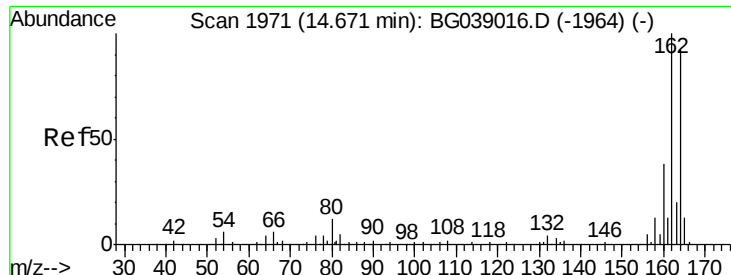
#38  
1-Methylnaphthalene  
Concen: 62.709 ng  
RT: 12.72 min Scan# 1640  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Tgt Ion:142 Resp: 209313  
Ion Ratio Lower Upper  
142 100  
141 94.9 73.3 109.9  
116 4.3 3.1 4.7



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: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampleId :

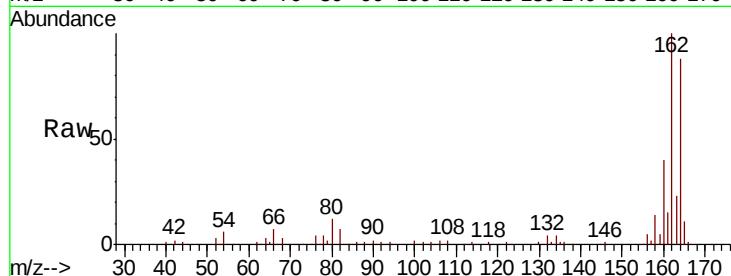
Tot Ion:164 Resp: 67497

Ion Ratio Lower Upper

164 100

162 114.2 87.2 130.8

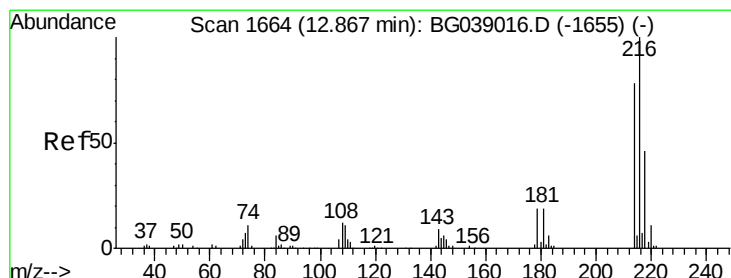
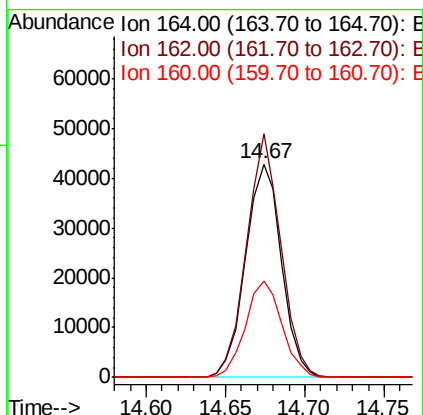
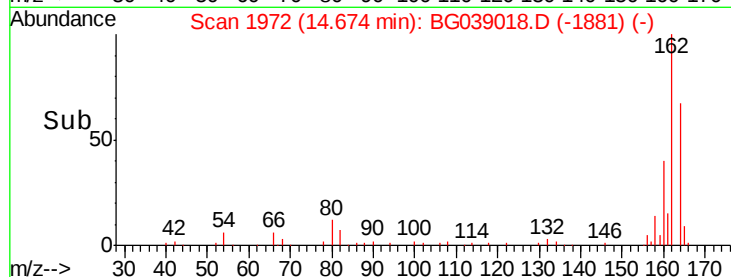
160 45.2 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 61.559 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Tgt Ion:216 Resp: 155313

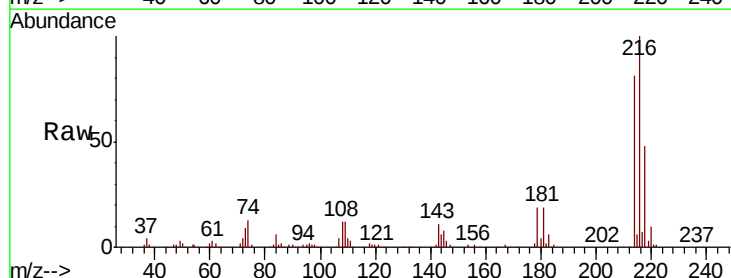
Ion Ratio Lower Upper

216 100

214 80.7 63.4 95.2

179 20.5 15.5 23.3

108 14.2 11.4 17.2

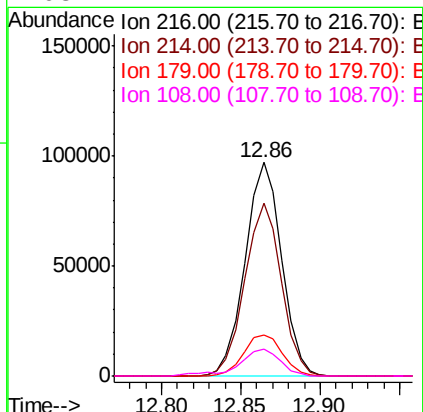
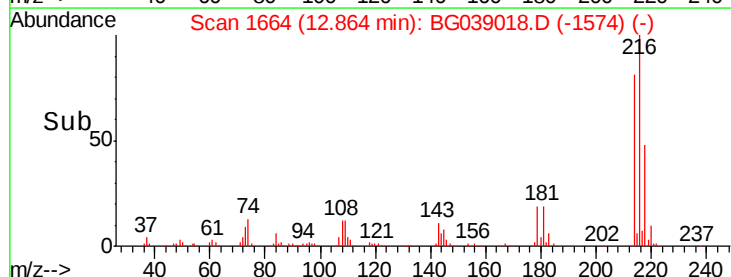


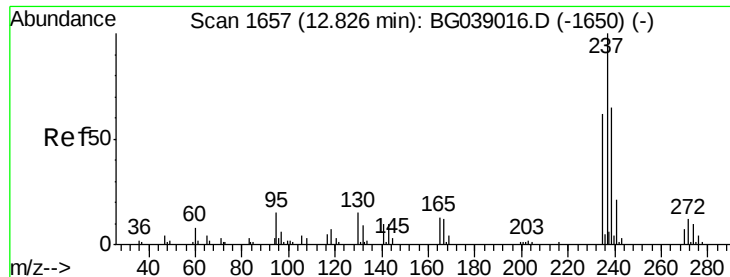
Abundance Ion 216.00 (215.70 to 216.70): E

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: 61.543 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampleId :

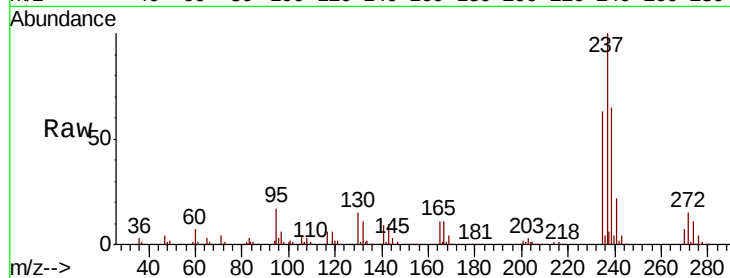
Tot Ion:237 Resp: 85307

Ion Ratio Lower Upper

237 100

235 62.8 41.7 81.7

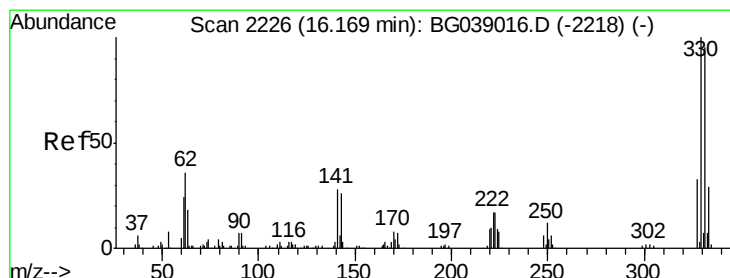
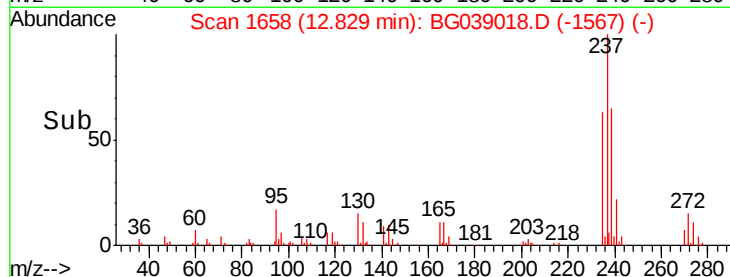
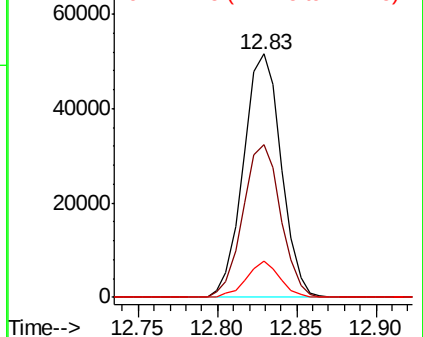
272 14.9 0.0 32.1



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: 154.211 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

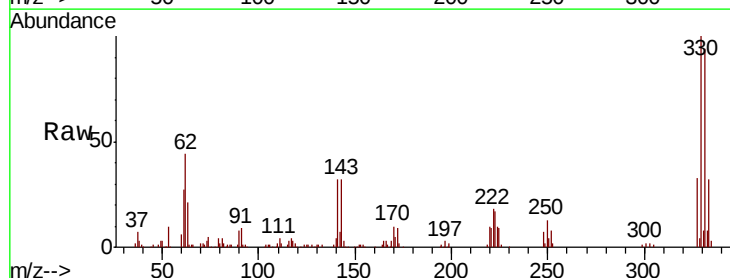
Tgt Ion:330 Resp: 143452

Ion Ratio Lower Upper

330 100

332 94.9 75.7 113.5

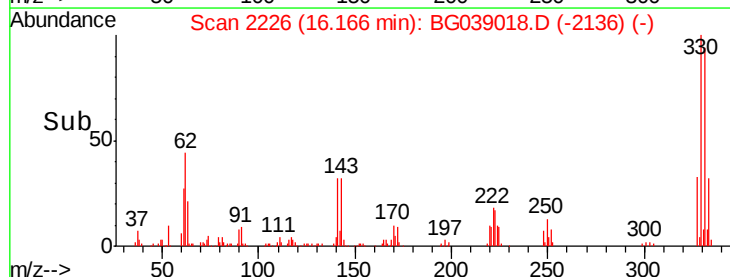
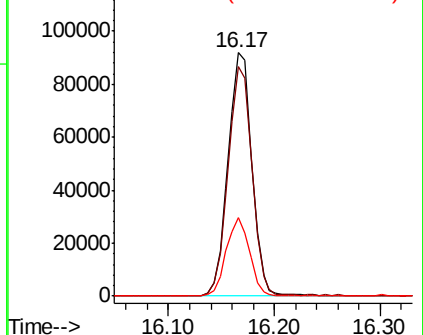
141 31.4 24.9 37.3

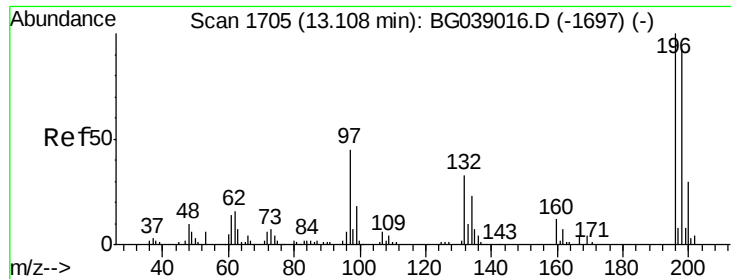


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

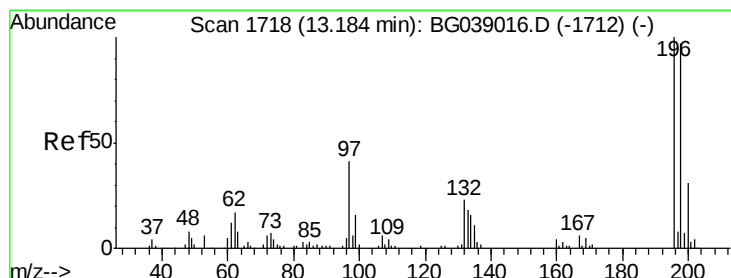
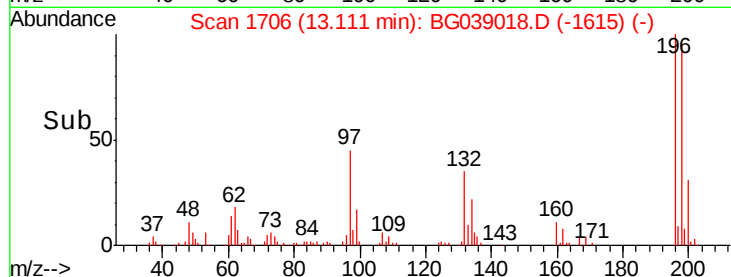
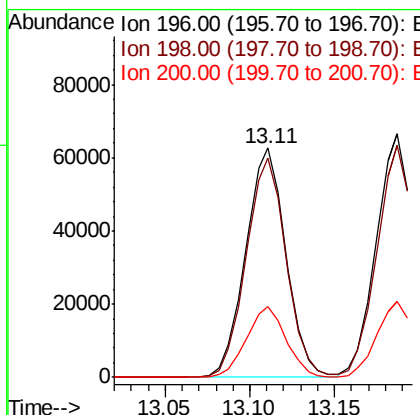
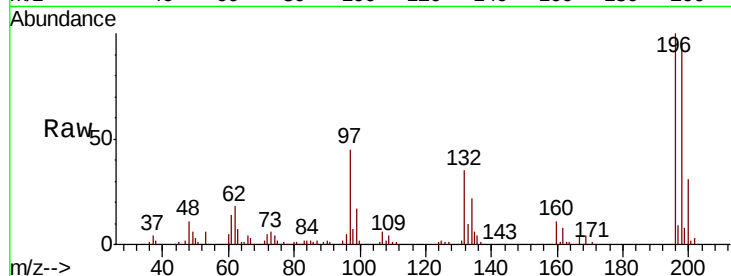




#43  
 2,4,6-Trichlorophenol  
 Concen: 66.486 ng  
 RT: 13.11 min Scan# 1706  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

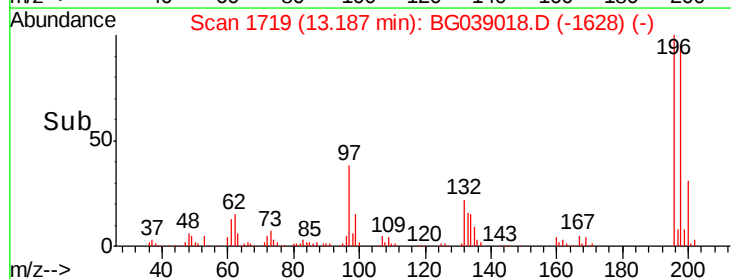
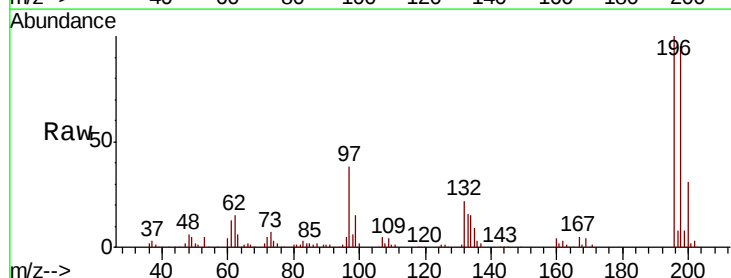
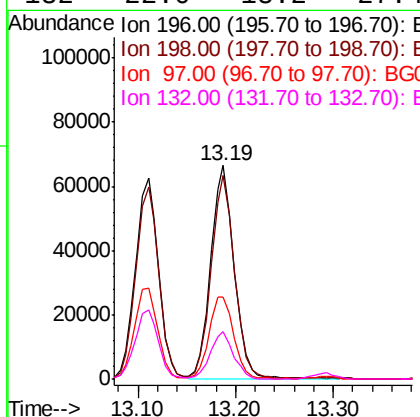
Instrument :  
 BNA\_G  
 ClientSampleId :

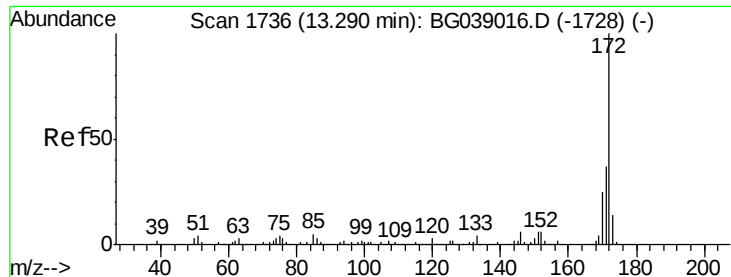
Tot Ion:196 Resp: 103141  
 Ion Ratio Lower Upper  
 196 100  
 198 95.7 74.5 111.7  
 200 30.7 23.8 35.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 67.313 ng  
 RT: 13.19 min Scan# 1719  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

Tgt Ion:196 Resp: 110561  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 78.1 117.1  
 97 38.3 33.2 49.8  
 132 22.0 18.2 27.4





#45

2-Fluorobiphenyl

Concen: 120.802 ng

RT: 13.29 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampleId :

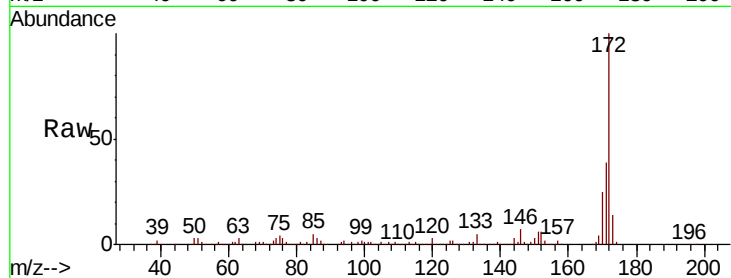
Tot Ion:172 Resp: 594366

Ion Ratio Lower Upper

172 100

171 38.8 29.4 44.0

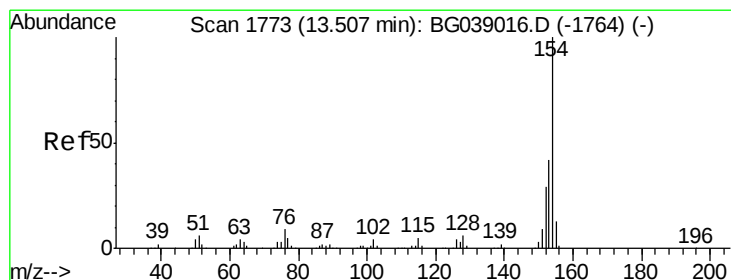
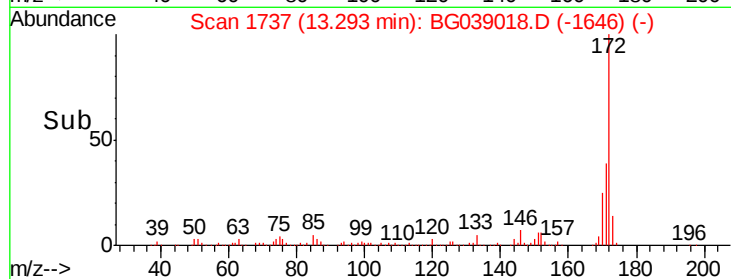
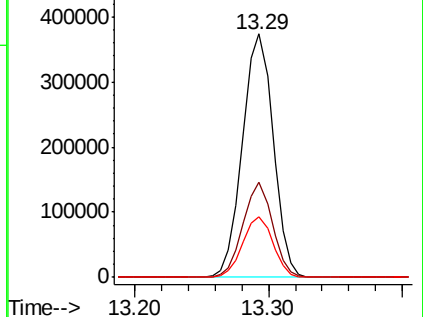
170 24.6 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 58.083 ng

RT: 13.50 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

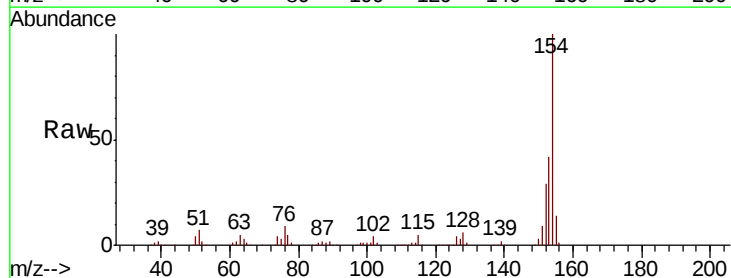
Tgt Ion:154 Resp: 328657

Ion Ratio Lower Upper

154 100

153 42.1 22.4 62.4

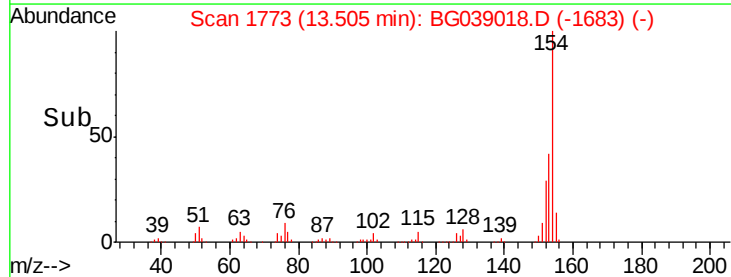
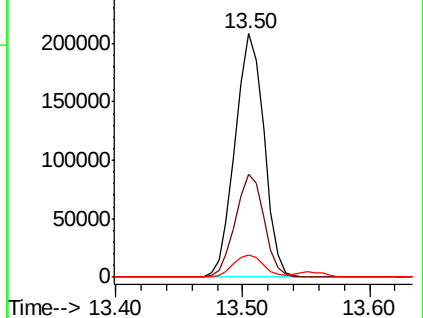
76 9.3 0.0 29.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

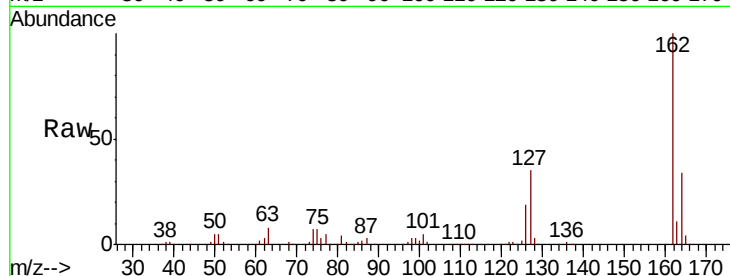




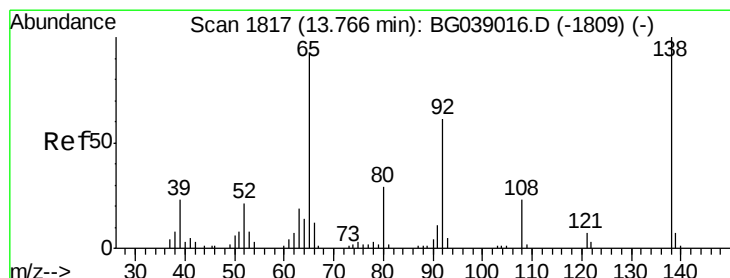
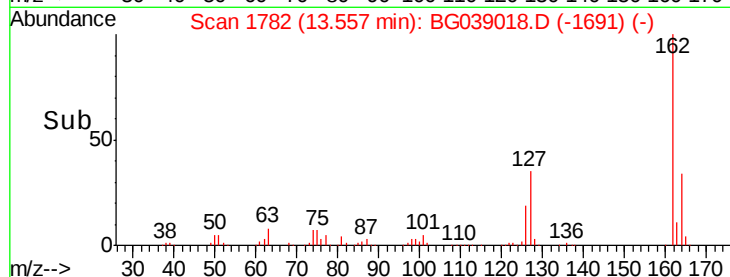
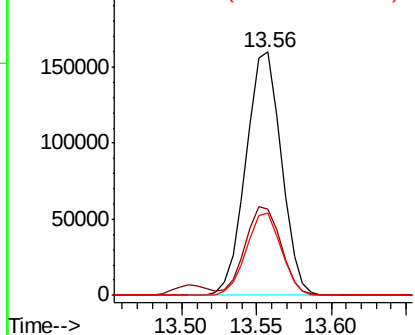
#47  
 2-Chloronaphthalene  
 Concen: 60.104 ng  
 RT: 13.56 min Scan# 1782  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:162 Resp: 262706  
 Ion Ratio Lower Upper  
 162 100  
 127 35.2 28.4 42.6  
 164 33.6 26.3 39.5

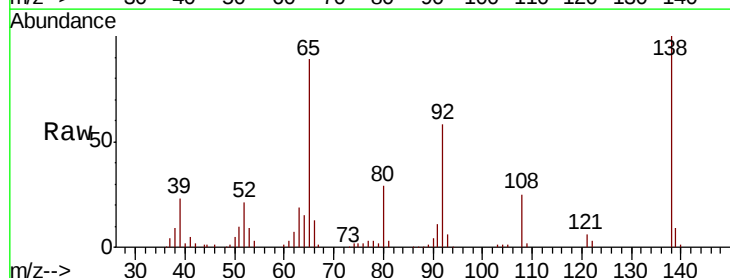


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

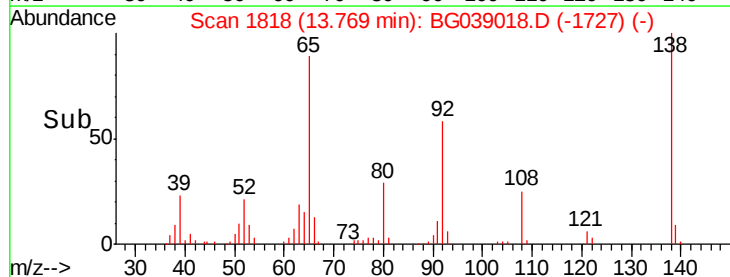
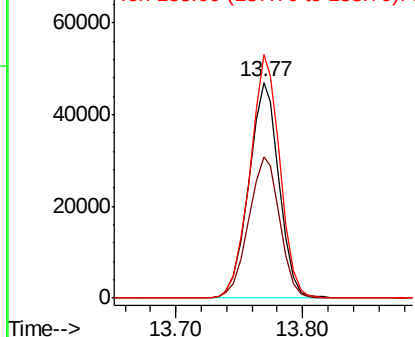


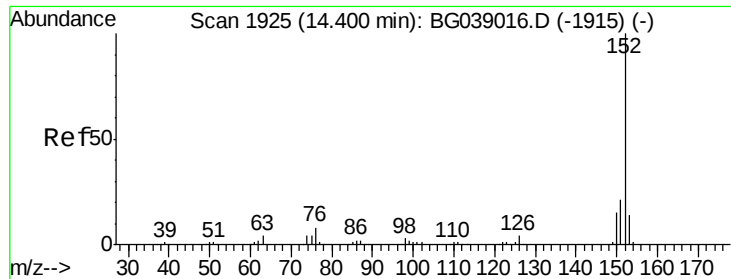
#48  
 2-Nitroaniline  
 Concen: 55.678 ng  
 RT: 13.77 min Scan# 1818  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

Tgt Ion: 65 Resp: 77516  
 Ion Ratio Lower Upper  
 65 100  
 92 65.4 52.2 78.4  
 138 112.9 86.0 129.0



Abundance Ion 65.00 (64.70 to 65.70): BGC  
 Ion 92.00 (91.70 to 92.70): BGC  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 60.636 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

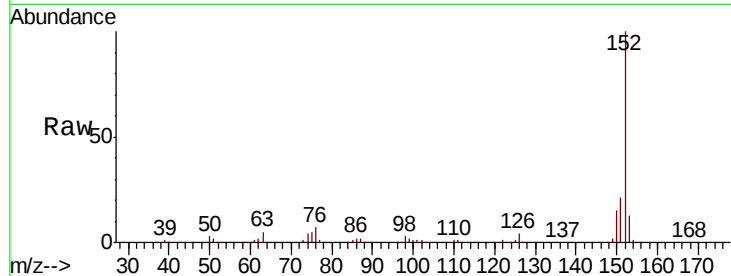
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:152 Resp: 396209

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.4  | 17.0  | 25.4  |
| 153 | 13.3  | 11.2  | 16.8  |

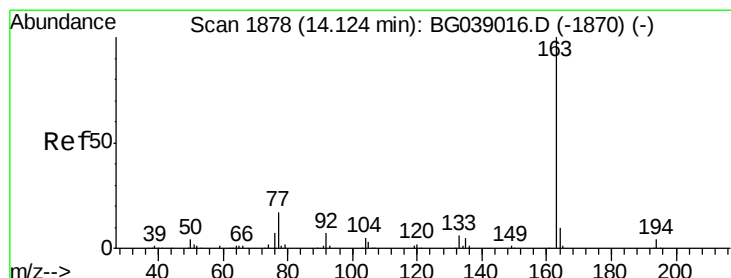
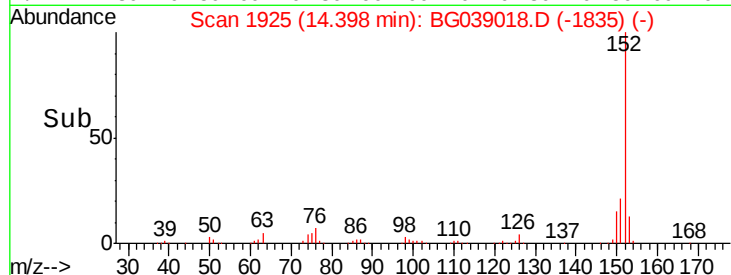
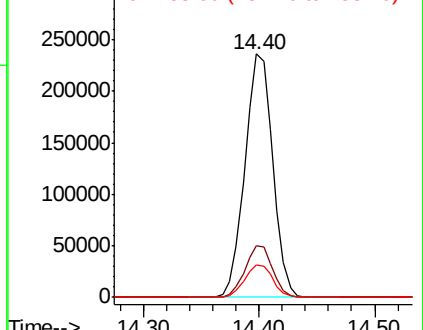


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 62.380 ng

RT: 14.13 min Scan# 1879

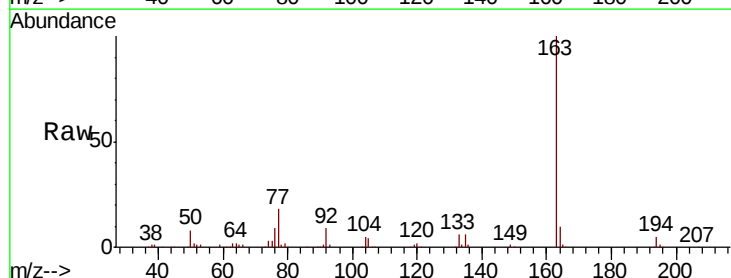
Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Tgt Ion:163 Resp: 343841

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.6   | 3.6   | 5.4   |
| 164 | 10.1  | 8.2   | 12.2  |

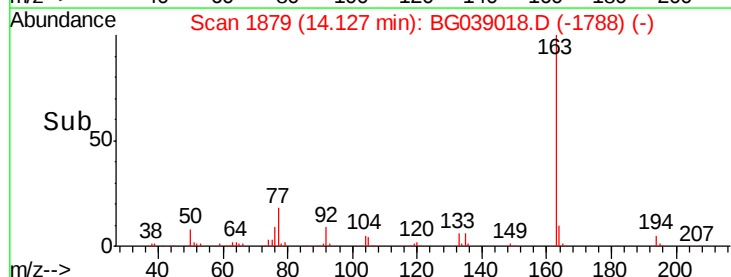
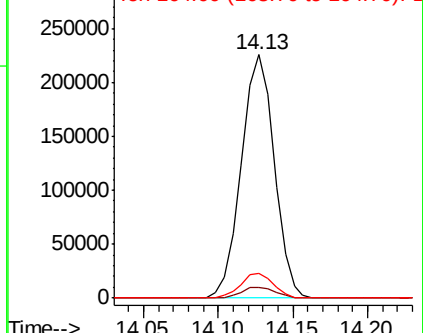


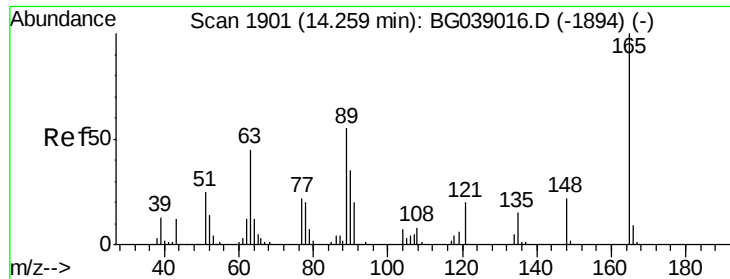
Abundance

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

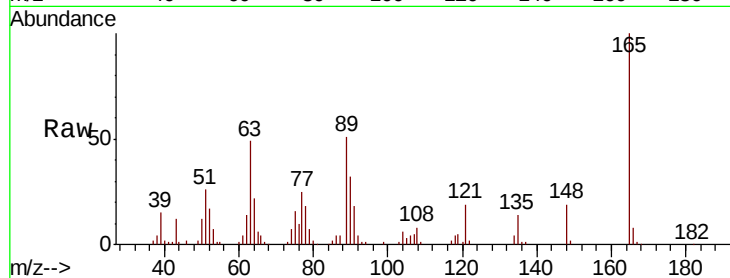




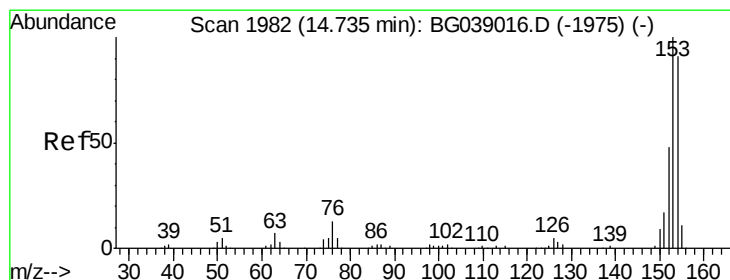
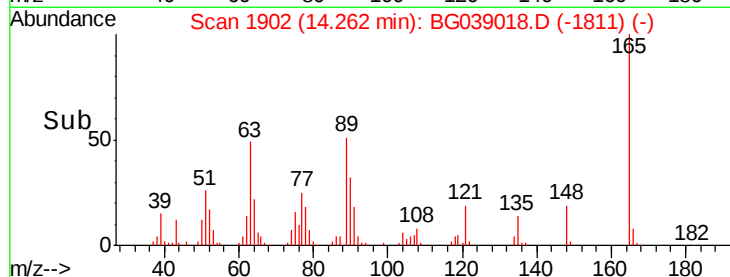
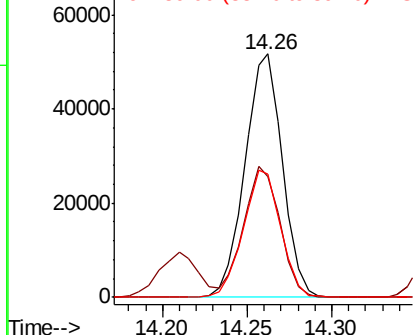
#51  
2,6-Dinitrotoluene  
Concen: 63.569 ng  
RT: 14.26 min Scan# 1902  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:165 Resp: 79405  
Ion Ratio Lower Upper  
165 100  
63 49.4 43.6 65.4  
89 50.7 43.7 65.5

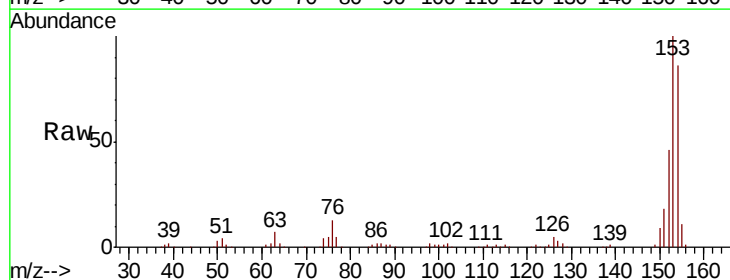


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG

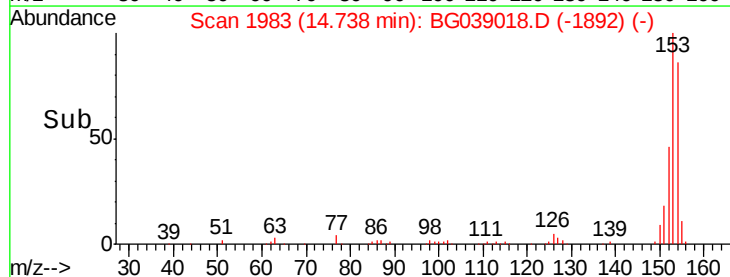
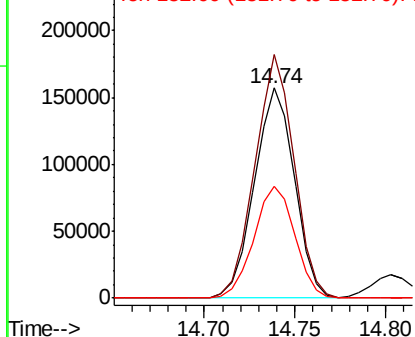


#52  
Acenaphthene  
Concen: 61.619 ng  
RT: 14.74 min Scan# 1983  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Tgt Ion:154 Resp: 240759  
Ion Ratio Lower Upper  
154 100  
153 115.9 87.9 131.9  
152 53.5 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 63.515 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampleId :

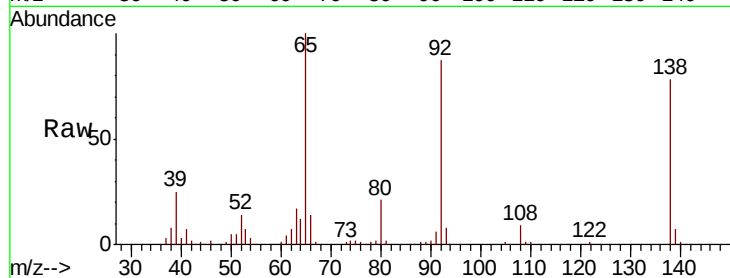
Tot Ion:138 Resp: 80875

Ion Ratio Lower Upper

138 100

108 11.0 7.4 11.0

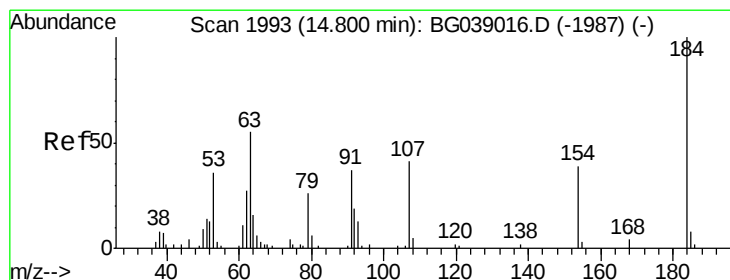
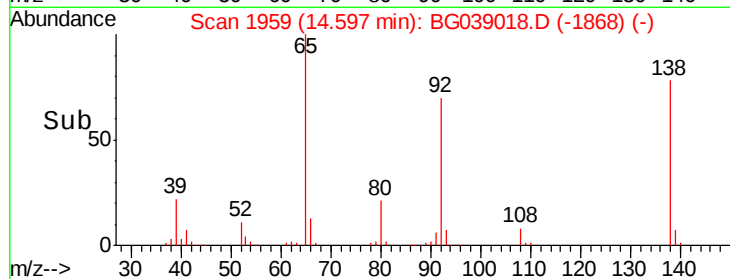
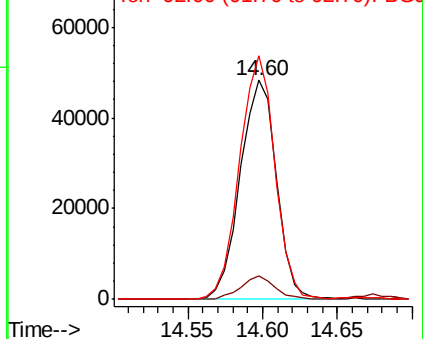
92 111.2 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 71.805 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

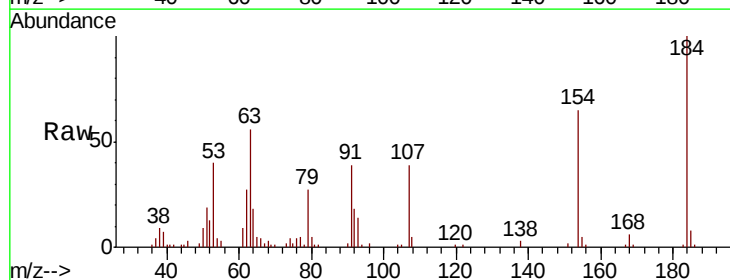
Tgt Ion:184 Resp: 46836

Ion Ratio Lower Upper

184 100

63 55.6 44.0 66.0

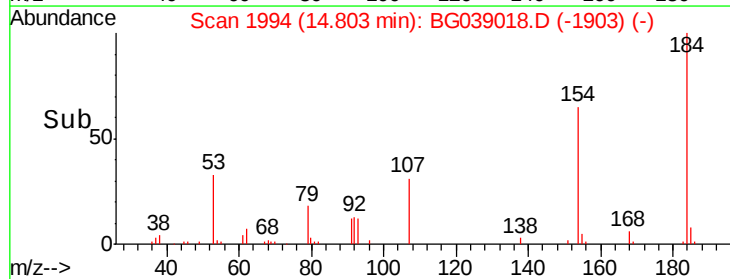
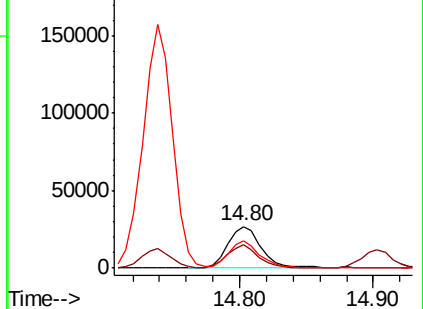
154 64.6 46.1 69.1

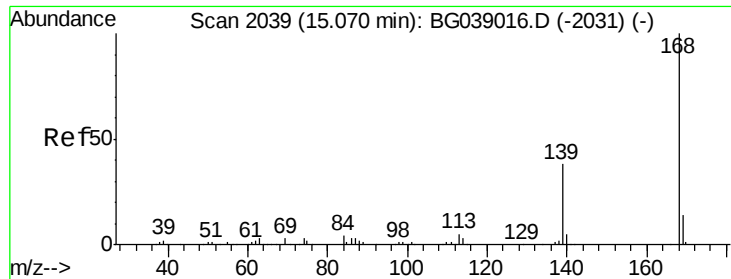


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

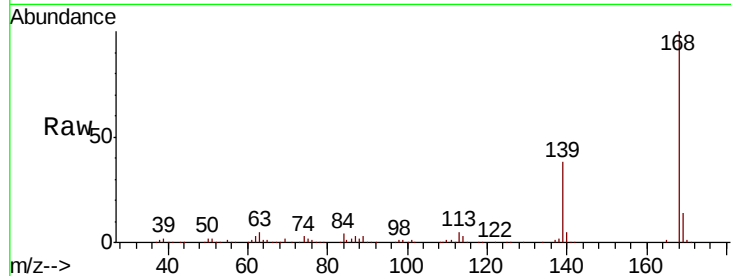




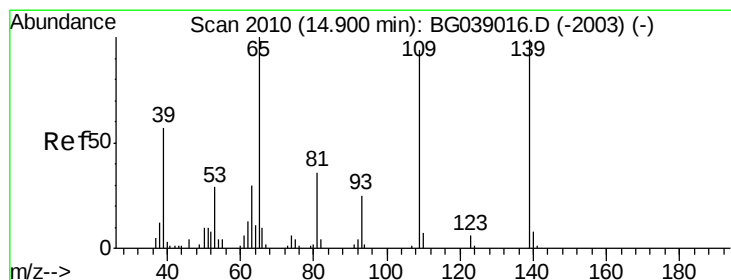
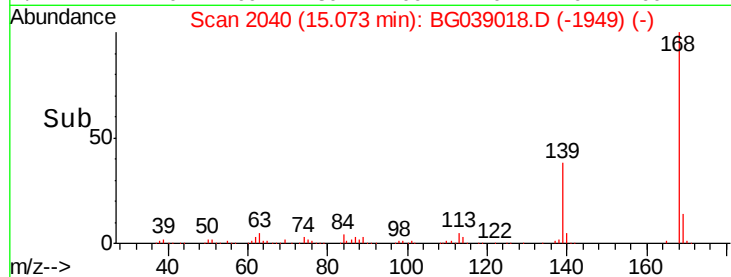
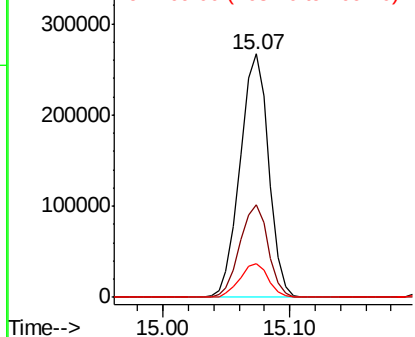
#55  
Dibenzenofuran  
Concen: 62.159 ng  
RT: 15.07 min Scan# 2040  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:168 Resp: 416315  
Ion Ratio Lower Upper  
168 100  
139 38.1 30.1 45.1  
169 13.8 10.9 16.3

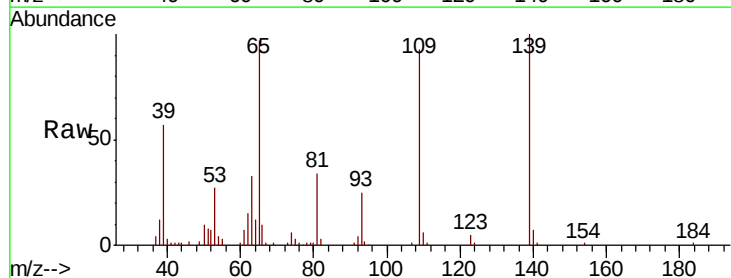


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

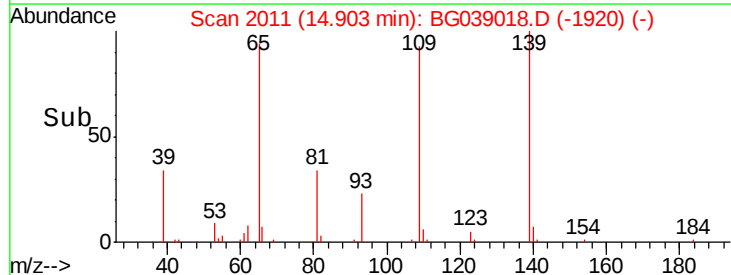
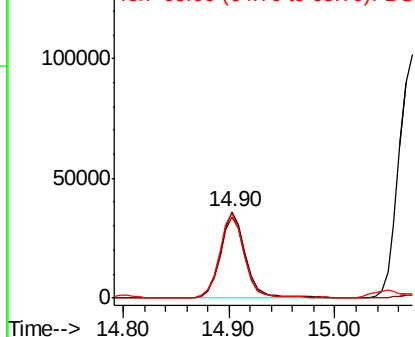


#56  
4-Nitrophenol  
Concen: 61.416 ng  
RT: 14.90 min Scan# 2011  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Tgt Ion:139 Resp: 59327  
Ion Ratio Lower Upper  
139 100  
109 93.3 75.6 115.6  
65 97.4 81.2 121.2



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

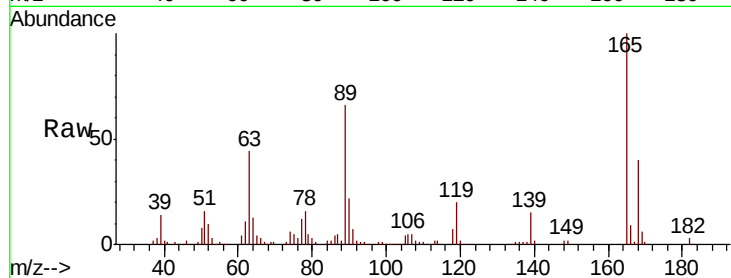




#57  
2,4-Dinitrotoluene  
Concen: 63.661 ng  
RT: 15.05 min Scan# 2036  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.7  | 30.2  | 45.4  |
| 89      | 66.1  | 53.2  | 79.8  |
| 182     | 2.9   | 2.7   | 4.1   |



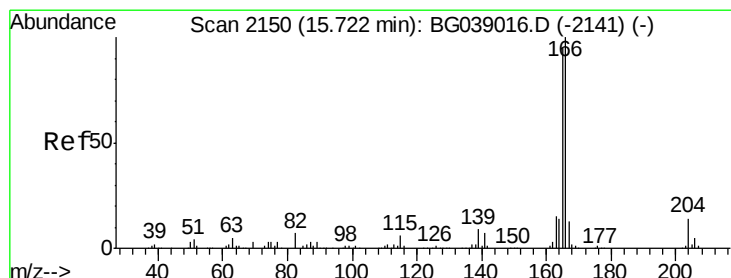
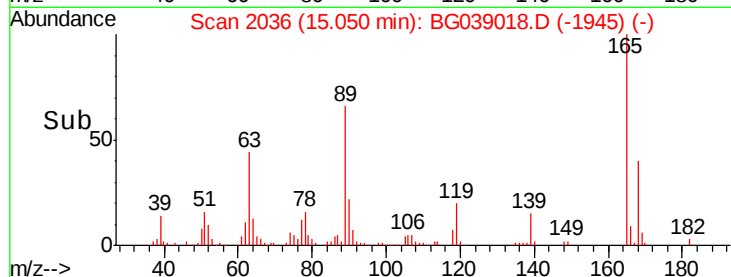
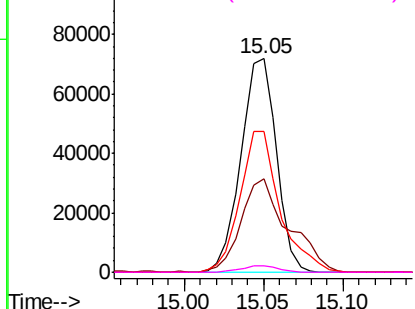
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

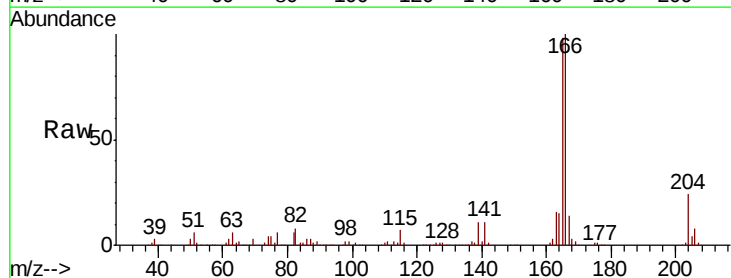
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 62.876 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. -0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.9  | 76.2  | 114.2 |
| 167     | 14.4  | 10.6  | 16.0  |

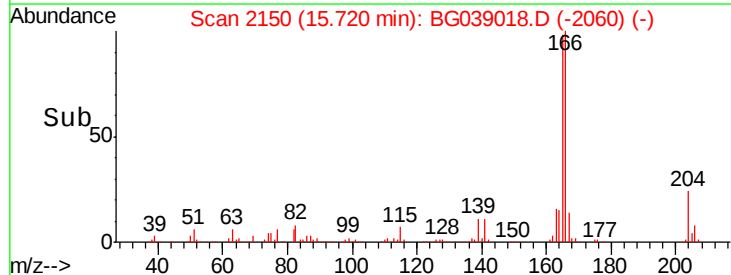
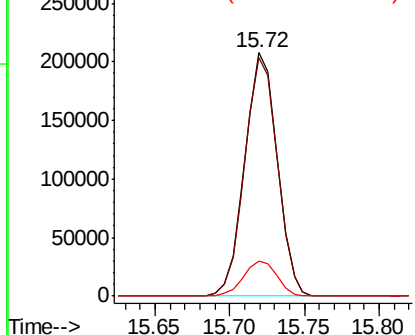


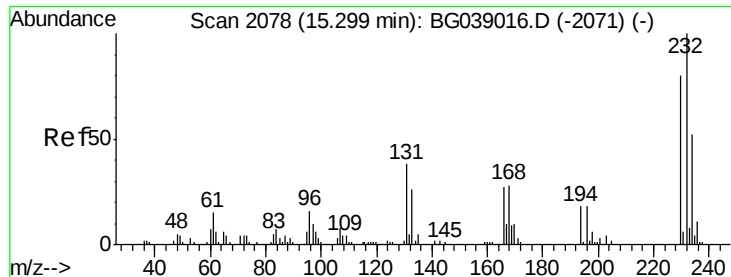
Abundance

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

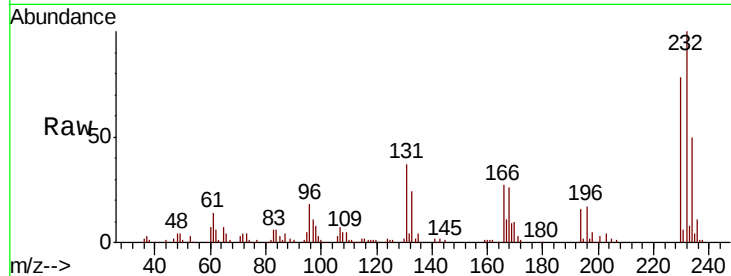




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 69.790 ng  
 RT: 15.30 min Scan# 2078  
 Delta R.T. -0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 36.8  | 30.9  | 46.3  |
| 130     | 2.1   | 1.9   | 2.9   |
| 166     | 26.9  | 22.1  | 33.1  |



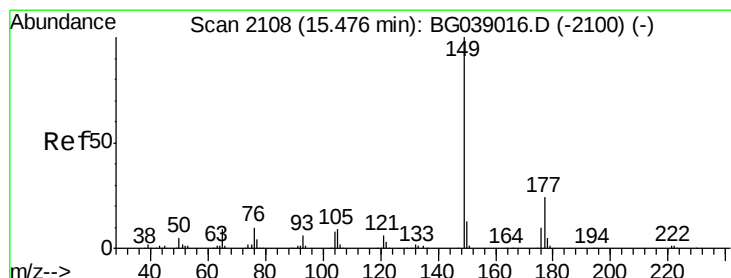
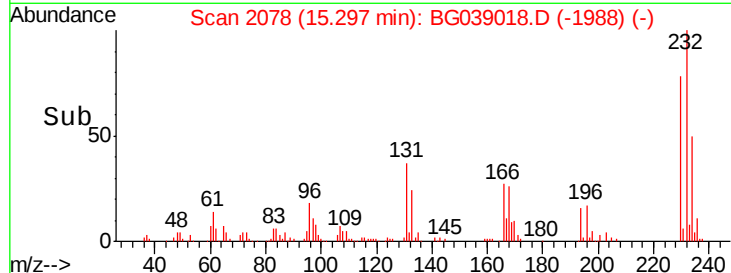
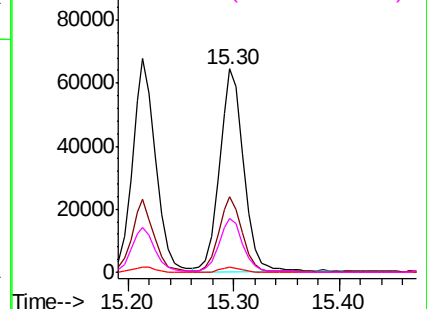
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

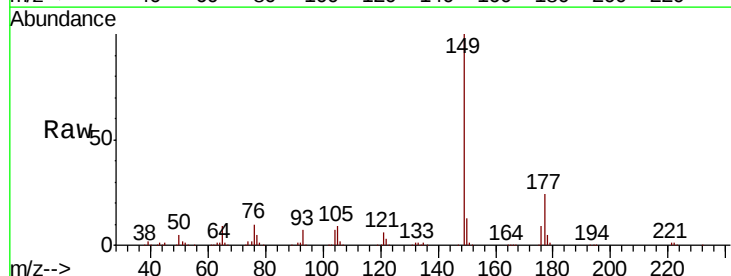
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 58.210 ng  
 RT: 15.48 min Scan# 2109  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.1  | 19.0  | 28.6  |
| 150     | 13.1  | 10.2  | 15.4  |

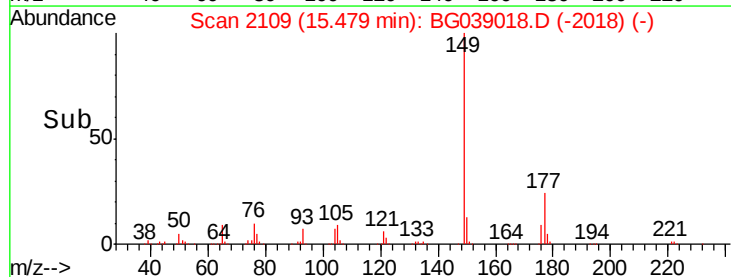
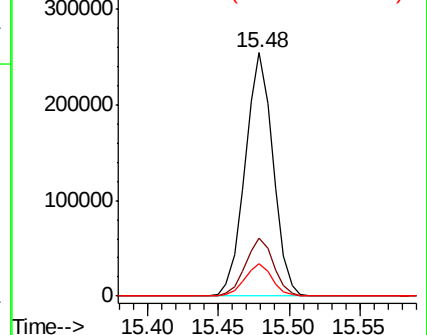


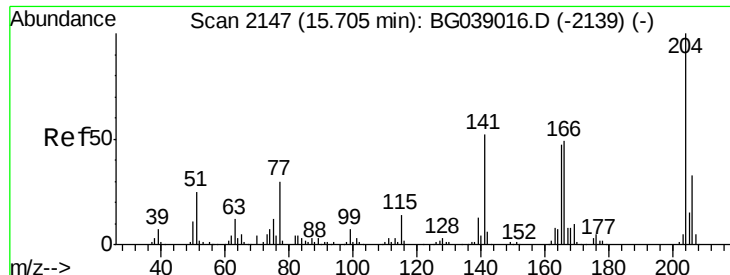
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

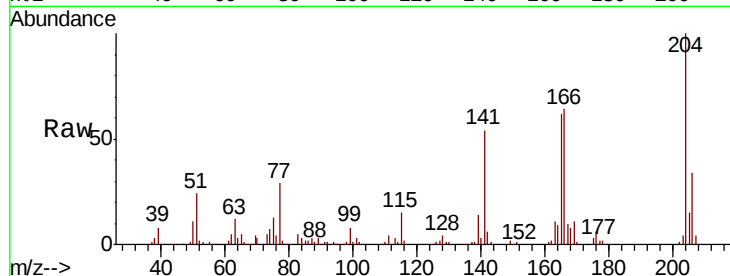




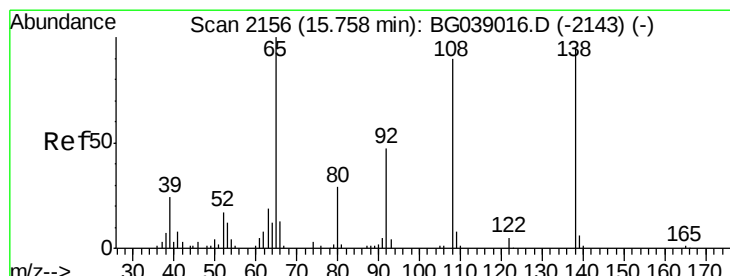
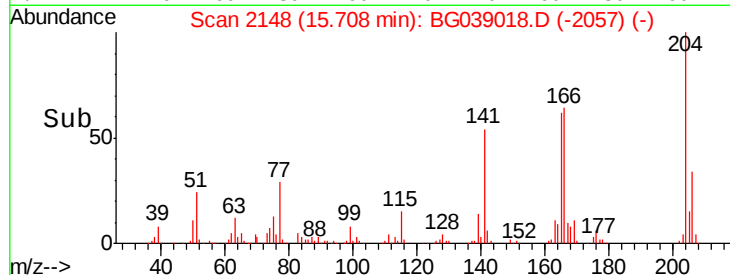
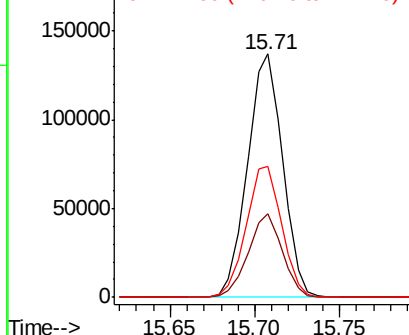
#61  
4-Chlorophenyl-phenylether  
Concen: 64.081 ng  
RT: 15.71 min Scan# 2148  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:204 Resp: 198398  
Ion Ratio Lower Upper  
204 100  
206 34.2 26.6 39.8  
141 53.6 41.4 62.0

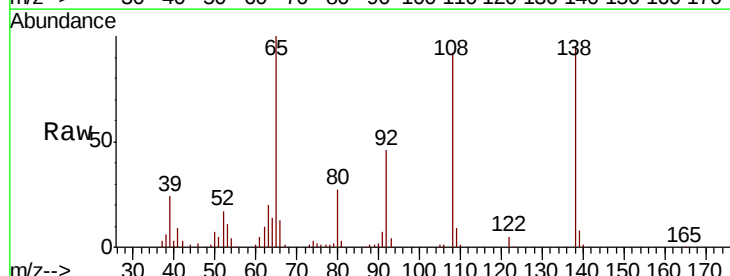


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

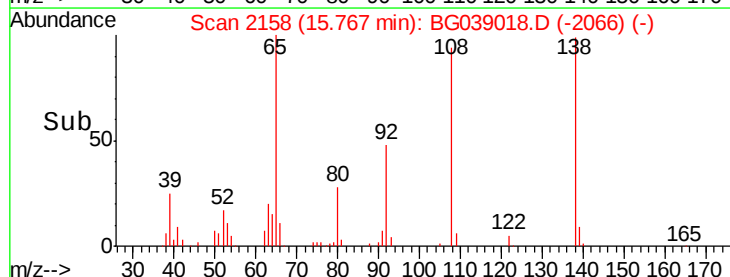
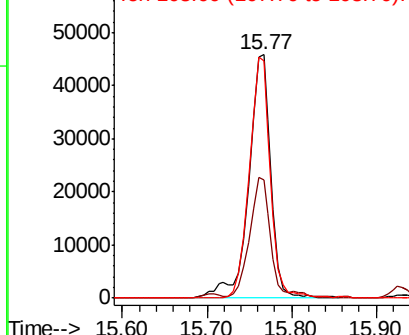


#62  
4-Nitroaniline  
Concen: 64.260 ng  
RT: 15.77 min Scan# 2158  
Delta R.T. 0.01 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Tgt Ion:138 Resp: 84239  
Ion Ratio Lower Upper  
138 100  
92 48.7 29.7 69.7  
108 97.2 75.7 115.7



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





#63

Azobenzene

Concen: 54.710 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

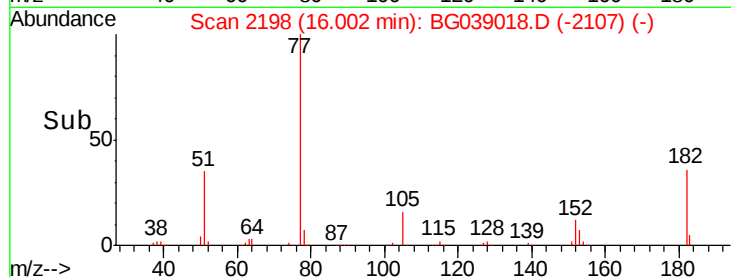
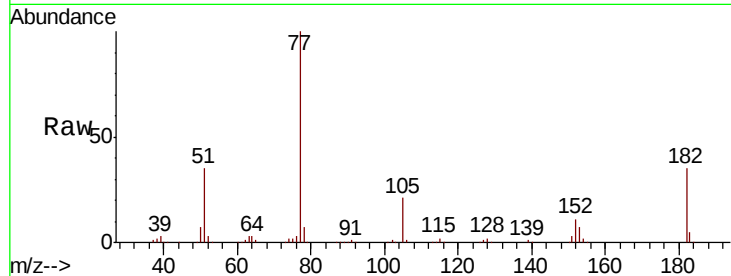
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 276557

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 34.7  | 12.2  | 52.2  |
| 105 | 21.3  | 1.2   | 41.2  |
| 51  | 35.1  | 13.4  | 53.4  |

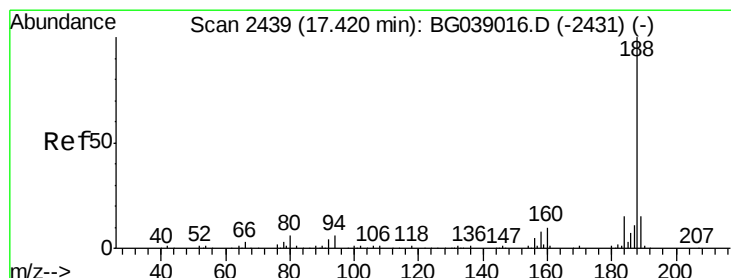


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

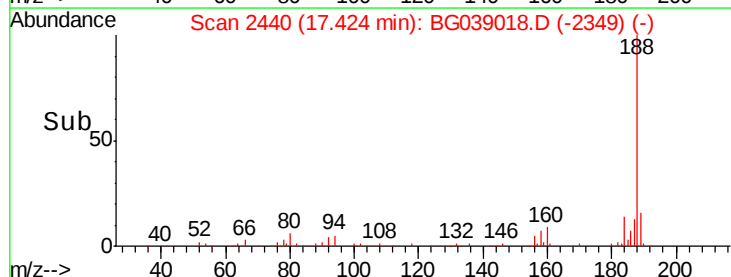
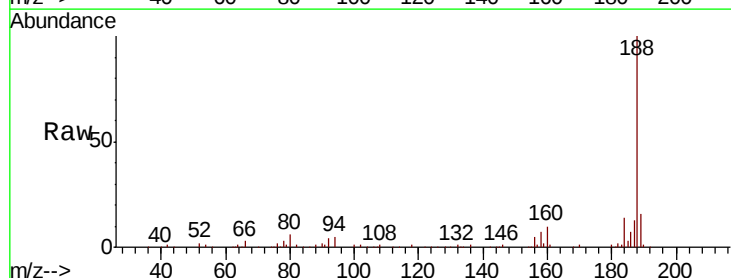
Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Tgt Ion: 188 Resp: 172075

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 5.4   | 5.0   | 7.4   |
| 80  | 6.0   | 4.7   | 7.1   |



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: 64.898 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

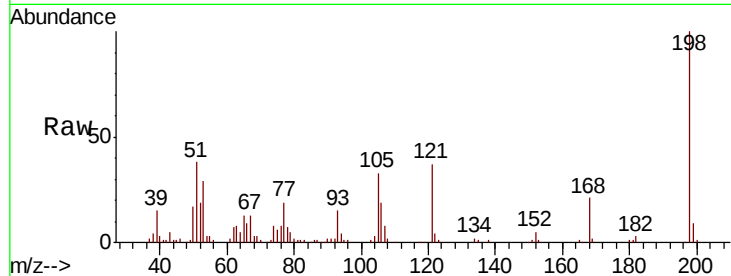
Instrument :

BNA\_G

ClientSampled :

Tot Ion:198 Resp: 79662

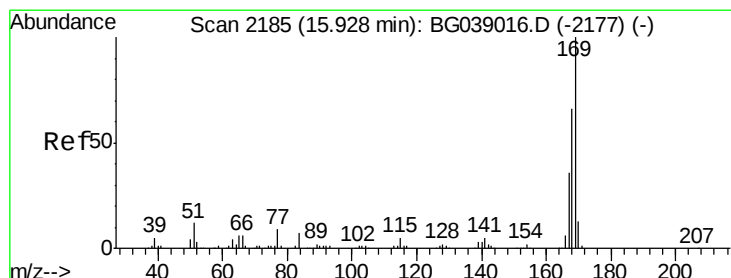
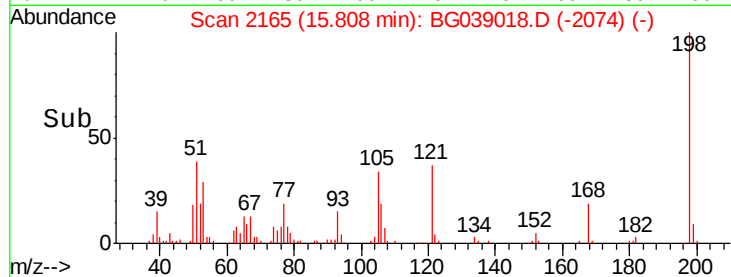
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 38.3  | 20.8  | 60.8  |
| 105 | 33.4  | 16.1  | 56.1  |



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039016.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 61.802 ng

RT: 15.93 min Scan# 2185

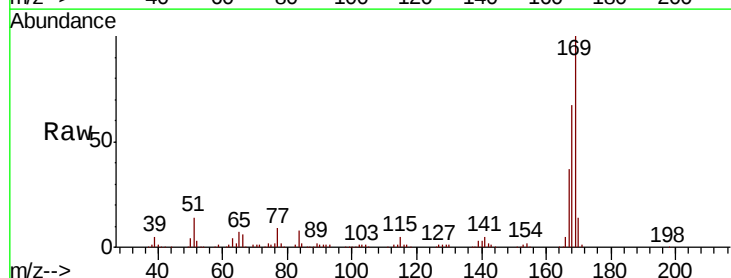
Delta R.T. -0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Tgt Ion:169 Resp: 312468

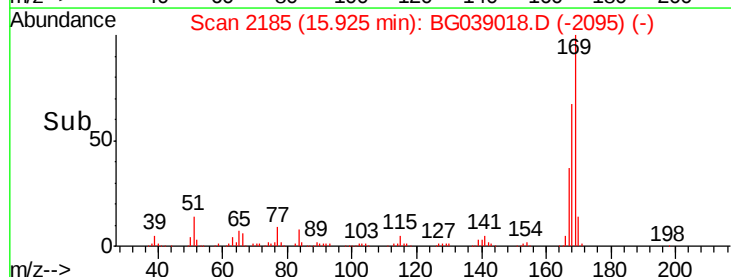
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 66.9  | 53.2  | 79.8  |
| 167 | 37.4  | 29.1  | 43.7  |



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

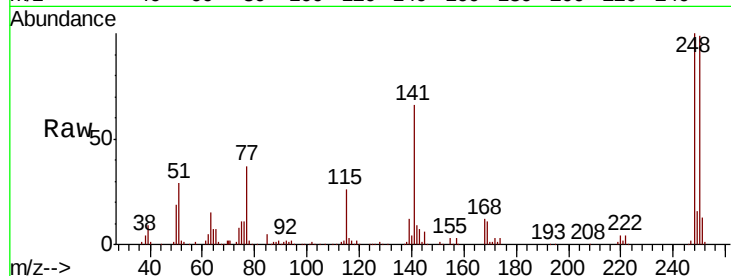




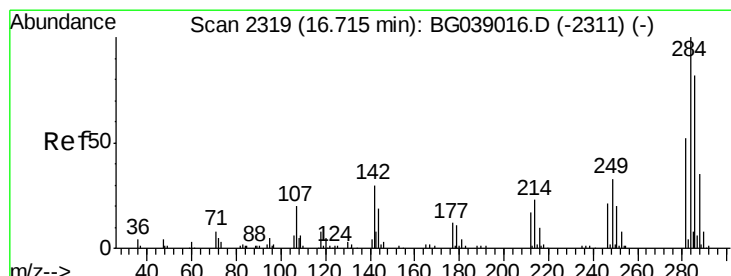
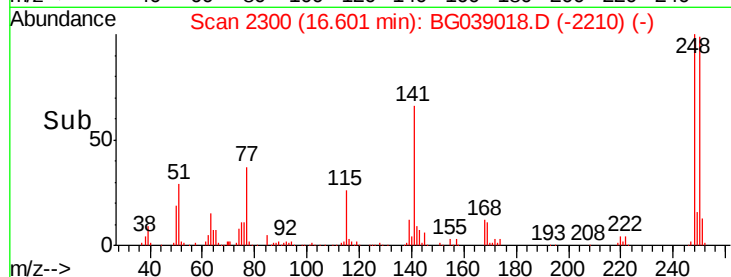
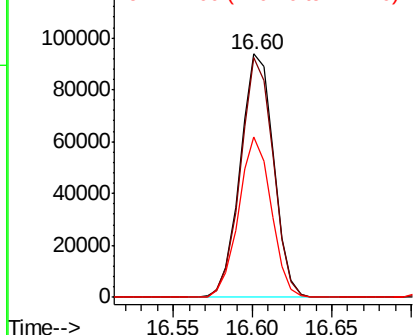
#67  
 4-Bromophenyl-phenylether  
 Concen: 65.261 ng  
 RT: 16.60 min Scan# 2300  
 Delta R.T. -0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:248 Resp: 137147  
 Ion Ratio Lower Upper  
 248 100  
 250 98.6 79.9 119.9  
 141 65.6 52.7 79.1

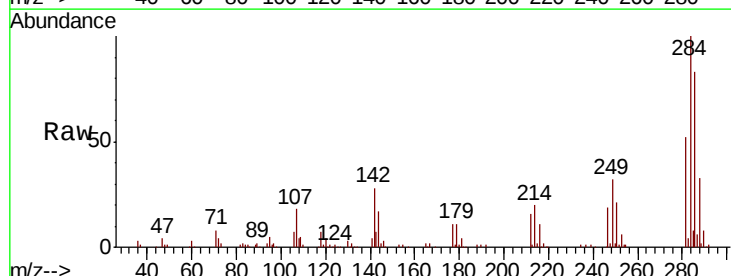


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

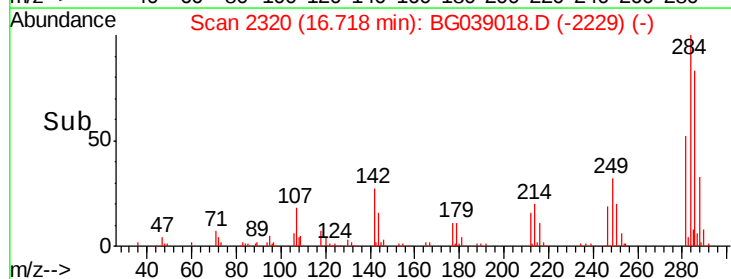
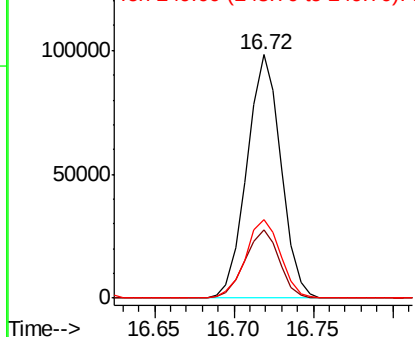


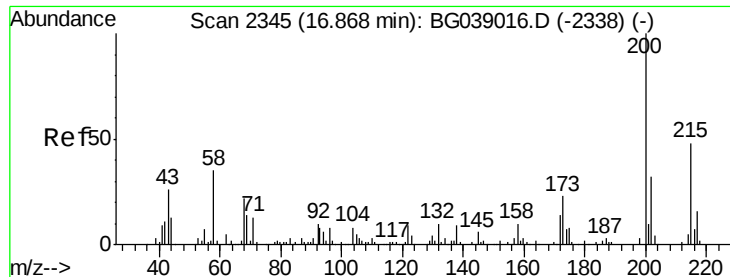
#68  
 Hexachlorobenzene  
 Concen: 67.154 ng  
 RT: 16.72 min Scan# 2320  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

Tgt Ion:284 Resp: 146294  
 Ion Ratio Lower Upper  
 284 100  
 142 27.9 24.3 36.5  
 249 34.7 27.8 41.8



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

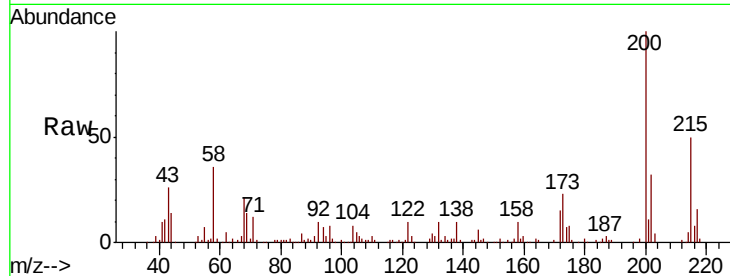




#69  
 Atrazine  
 Concen: 68.657 ng  
 RT: 16.87 min Scan# 2346  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.2  | 2.6   | 42.6  |
| 215     | 50.4  | 28.0  | 68.0  |

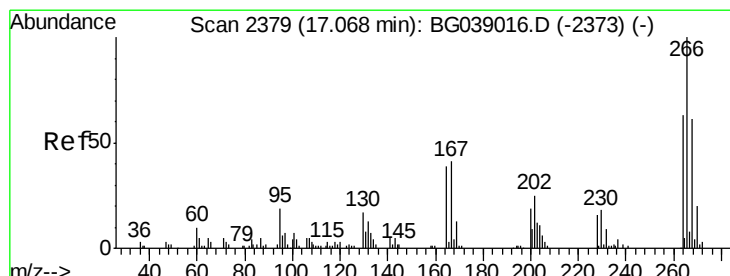
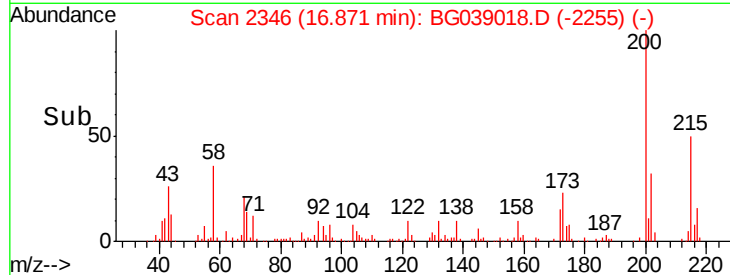
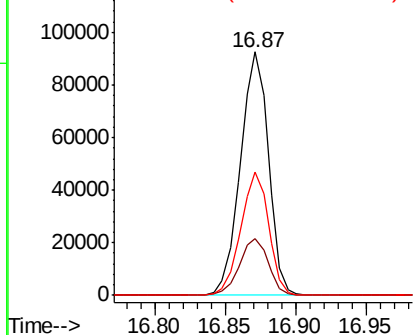


Abundance

Ion 200.00 (199.70 to 200.70): E

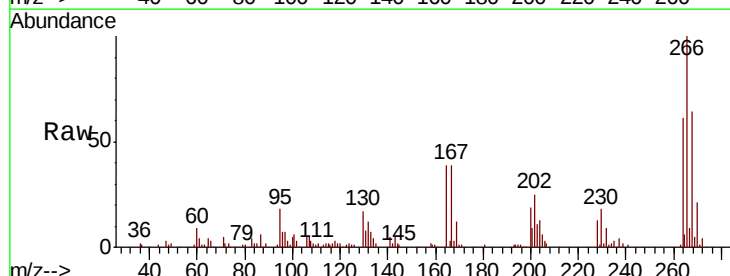
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
 Pentachlorophenol  
 Concen: 67.828 ng  
 RT: 17.07 min Scan# 2380  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.1  | 52.0  | 78.0  |
| 264     | 67.1  | 54.6  | 81.8  |

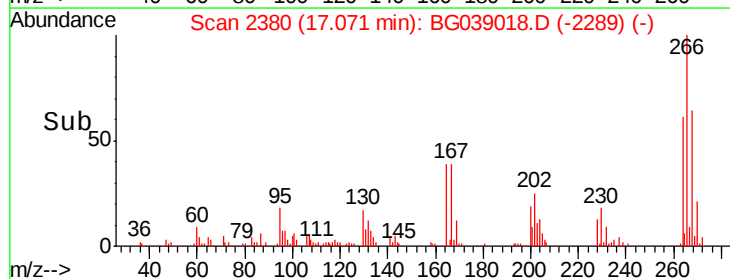
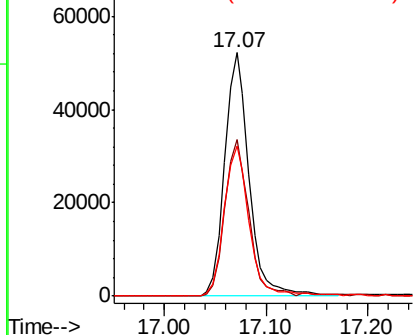


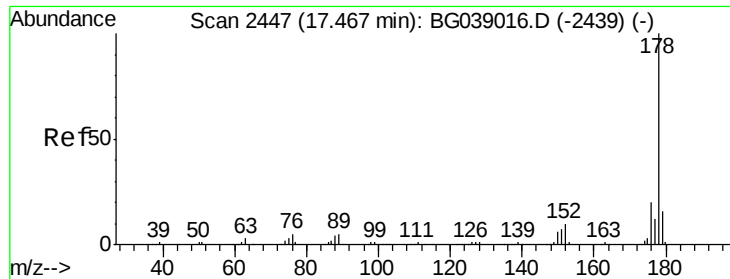
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

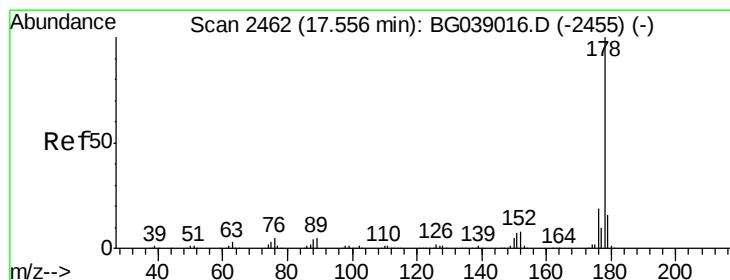
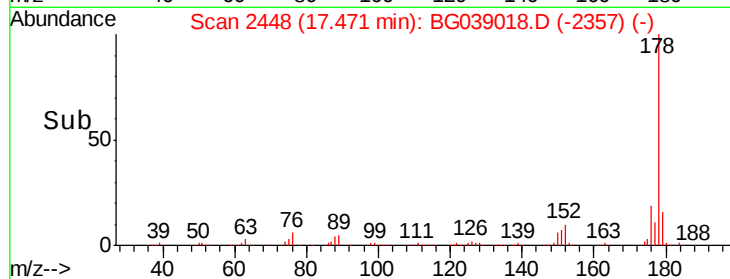
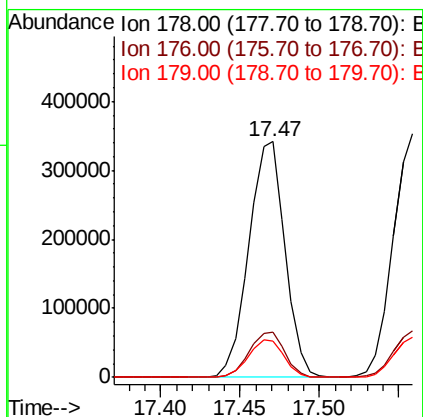
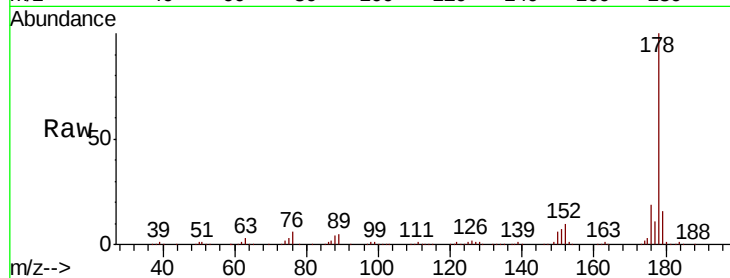




#71  
Phenanthrene  
Concen: 60.651 ng  
RT: 17.47 min Scan# 2448  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

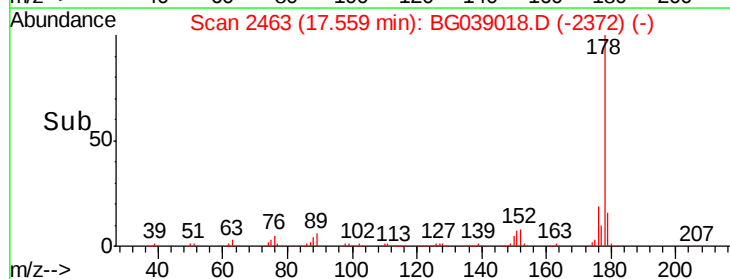
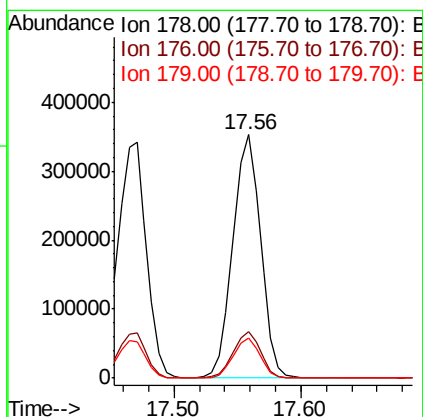
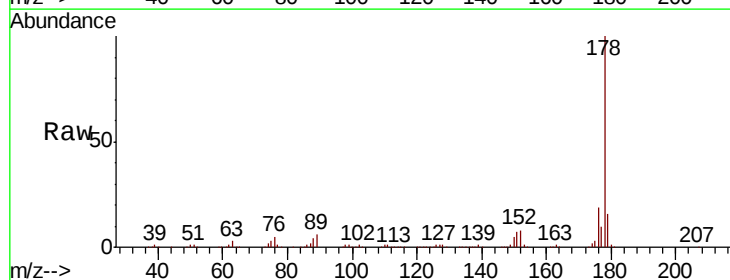
Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:178 Resp: 541197  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.7 23.5  
179 15.6 12.9 19.3



#72  
Anthracene  
Concen: 60.303 ng  
RT: 17.56 min Scan# 2463  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Tgt Ion:178 Resp: 531219  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.9 22.3  
179 16.5 13.0 19.4

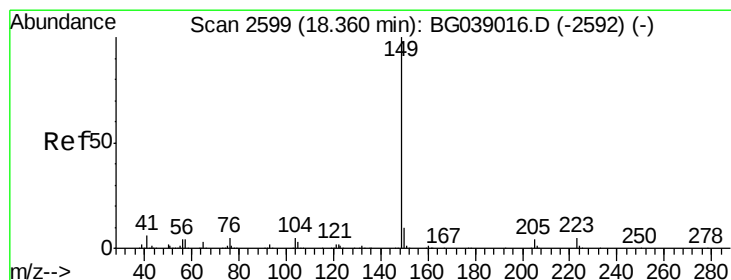
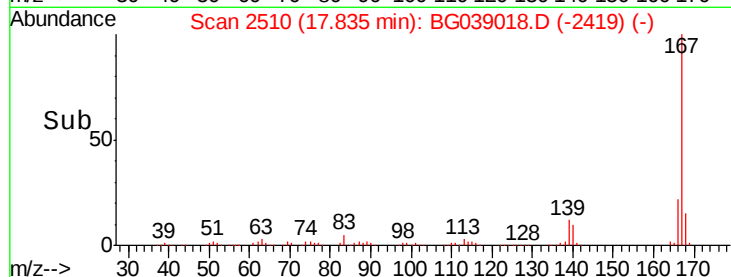
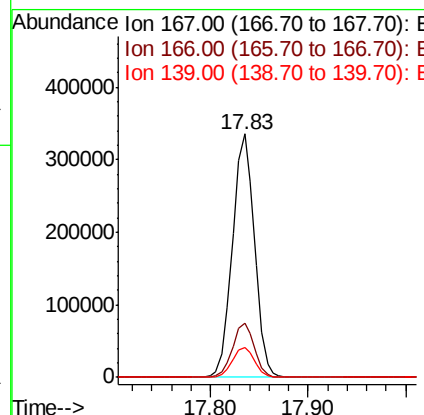
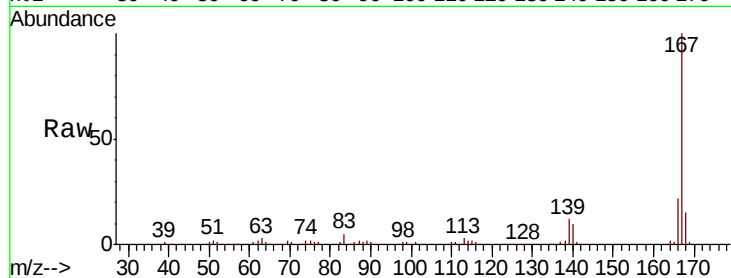




#73  
 Carbazole  
 Concen: 60.463 ng  
 RT: 17.83 min Scan# 2510  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

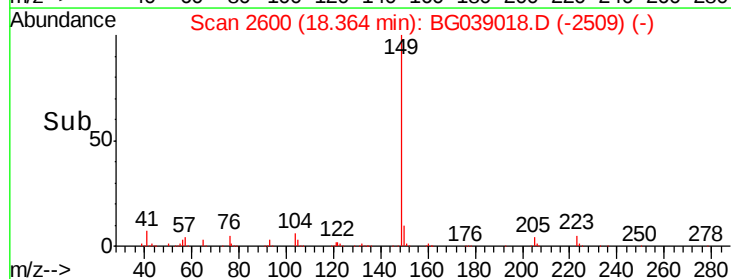
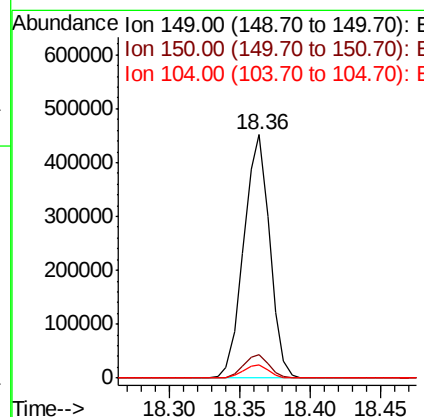
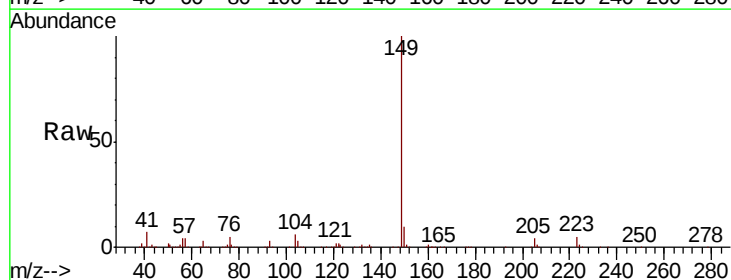
Instrument :  
 BNA\_G  
 ClientSampled :

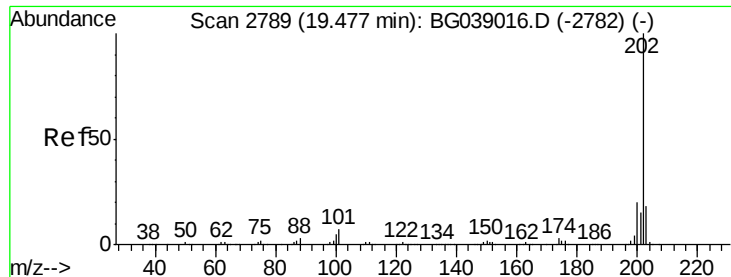
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 16.9  | 25.3  |
| 139     | 12.4  | 10.0  | 15.0  |



#74  
 Di-n-butylphthalate  
 Concen: 58.005 ng  
 RT: 18.36 min Scan# 2600  
 Delta R.T. 0.00 min  
 Lab File: BG039018.D  
 Acq: 9 Jan 2019 12:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.6   | 7.9   | 11.9  |
| 104     | 5.5   | 4.2   | 6.2   |





#75

Fluoranthene

Concen: 59.442 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampleId :

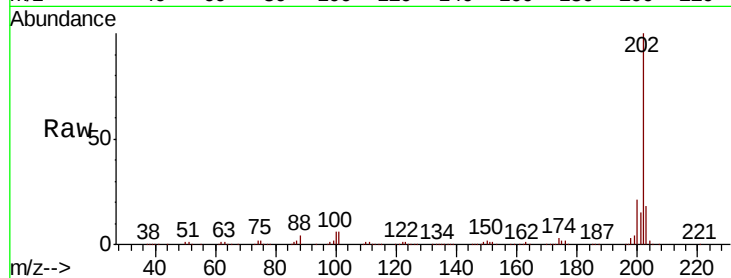
Tot Ion:202 Resp: 656269

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.9

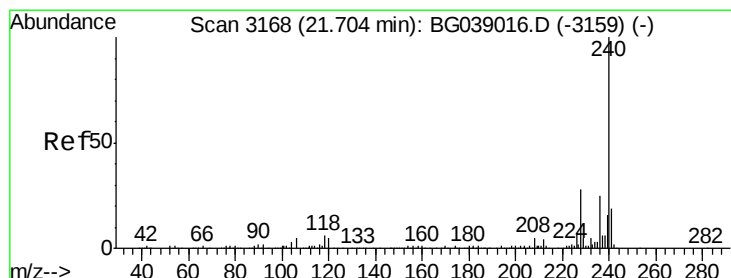
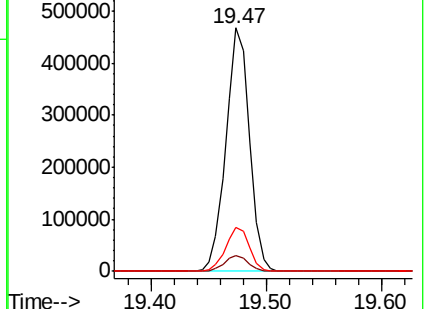
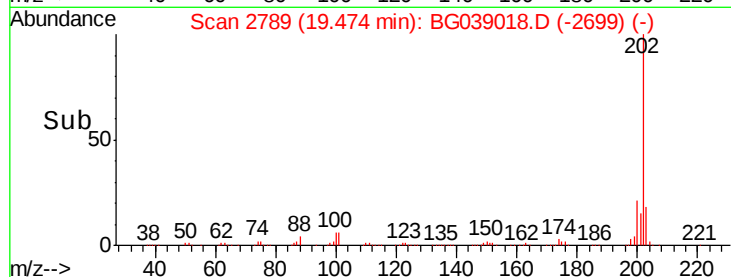
203 18.0 0.0 38.1



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: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

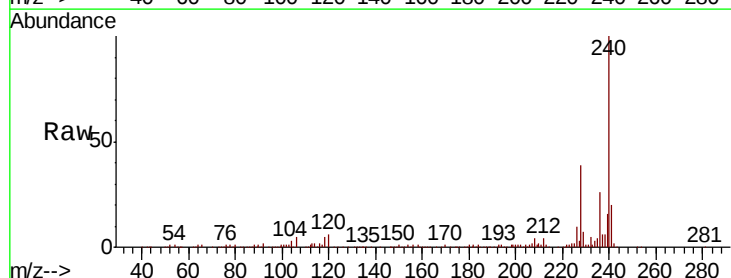
Tgt Ion:240 Resp: 175905

Ion Ratio Lower Upper

240 100

120 6.1 4.3 6.5

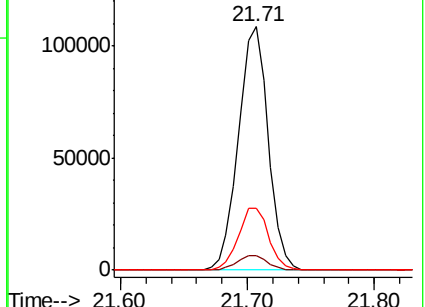
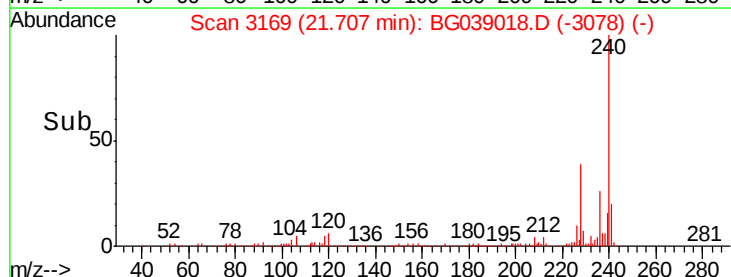
236 25.6 20.1 30.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

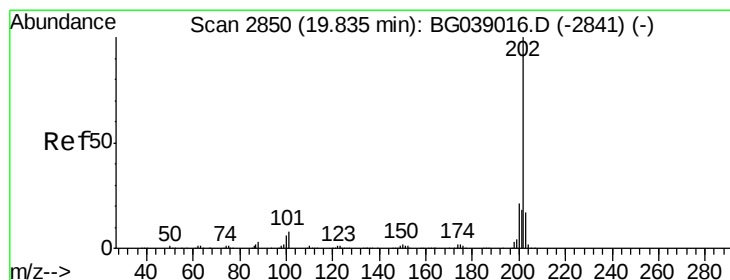
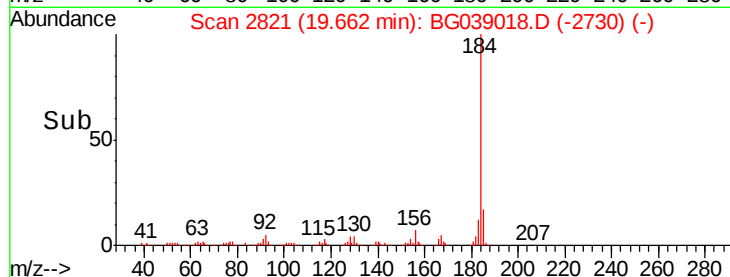
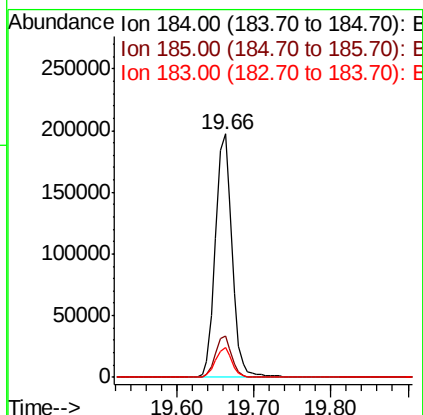
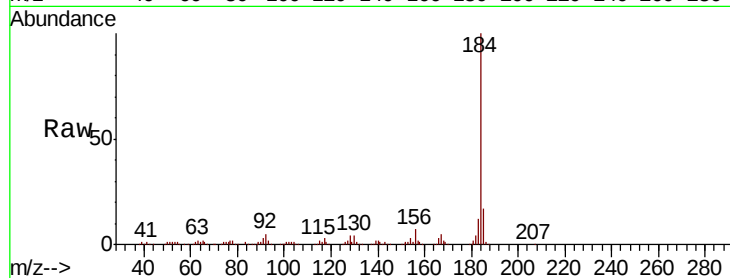




#77  
Benzidine  
Concen: 56.492 ng  
RT: 19.66 min Scan# 2821  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

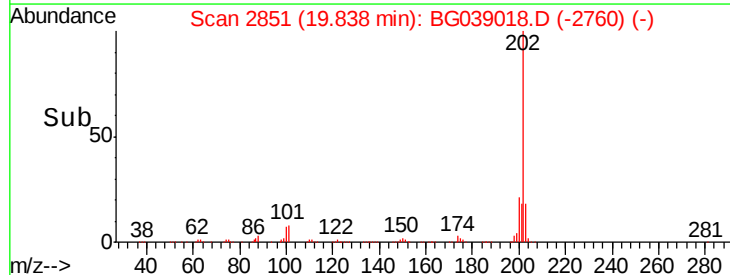
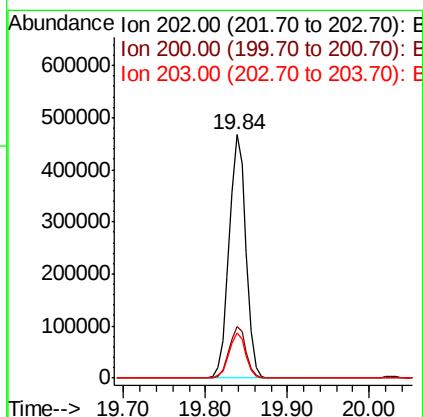
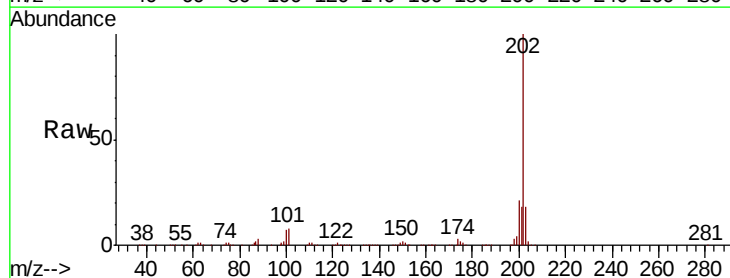
Instrument :  
BNA\_G  
ClientSampleId :

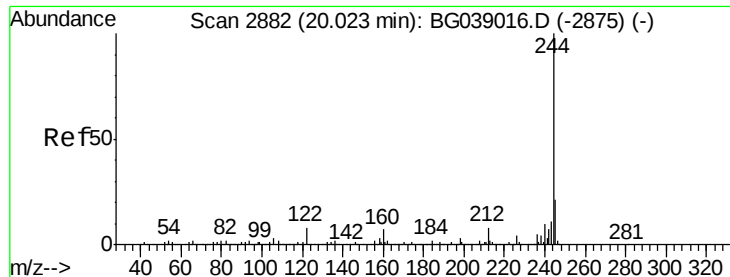
Tot Ion:184 Resp: 293884  
Ion Ratio Lower Upper  
184 100  
185 17.1 12.1 18.1  
183 12.3 9.5 14.3



#78  
Pyrene  
Concen: 57.406 ng  
RT: 19.84 min Scan# 2851  
Delta R.T. 0.00 min  
Lab File: BG039018.D  
Acq: 9 Jan 2019 12:57

Tgt Ion:202 Resp: 667105  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.6  
203 18.3 14.0 21.0





#79

Terphenyl-d14

Concen: 136.079 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampled :

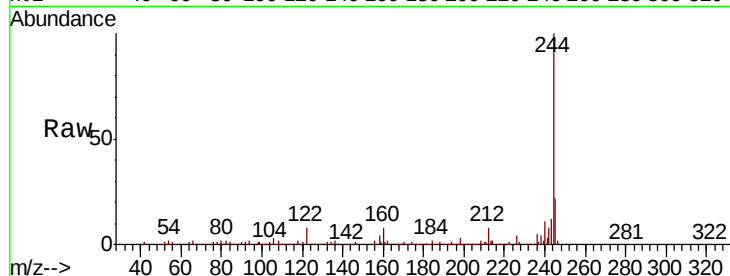
Tot Ion:244 Resp: 1099878

Ion Ratio Lower Upper

244 100

212 8.3 6.1 9.1

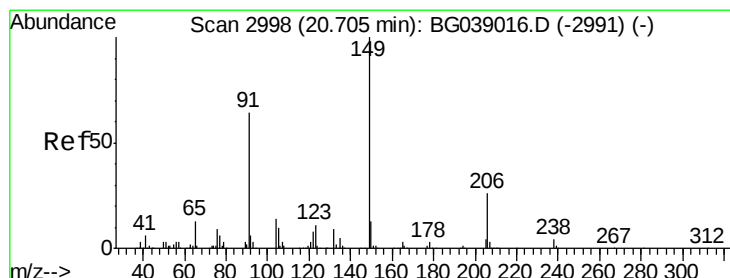
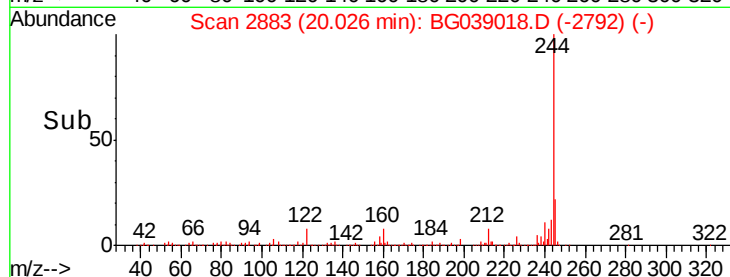
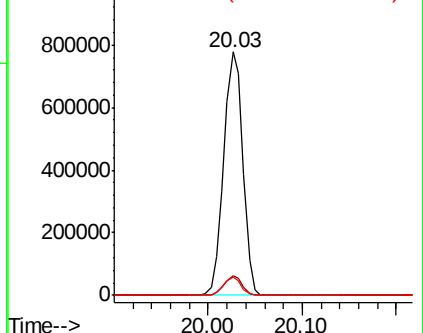
122 7.6 6.1 9.1



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: 56.905 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

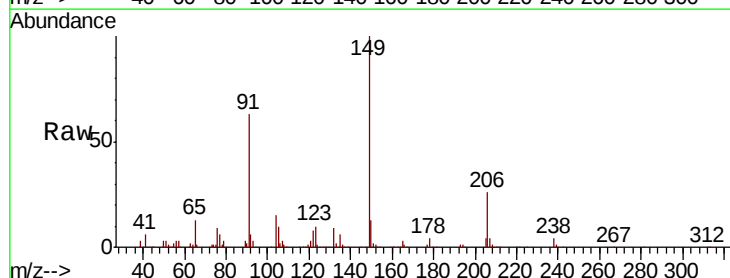
Tgt Ion:149 Resp: 258353

Ion Ratio Lower Upper

149 100

91 63.2 51.4 77.0

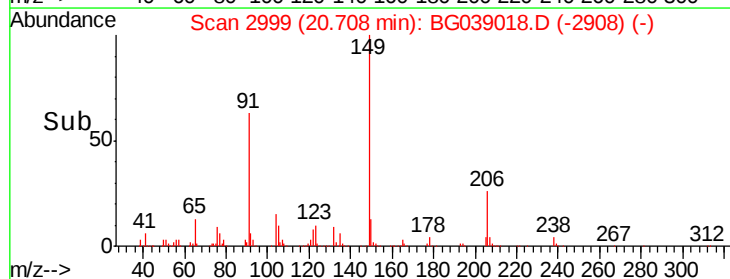
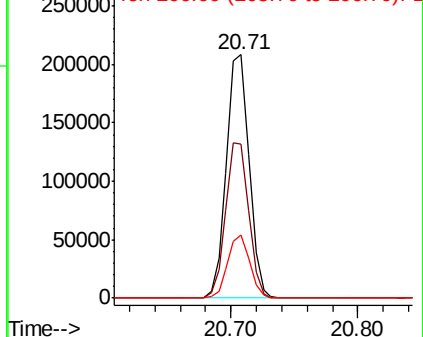
206 26.0 20.4 30.6

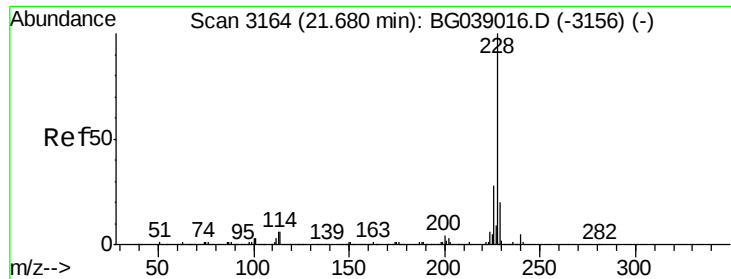


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 59.504 ng

RT: 21.68 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

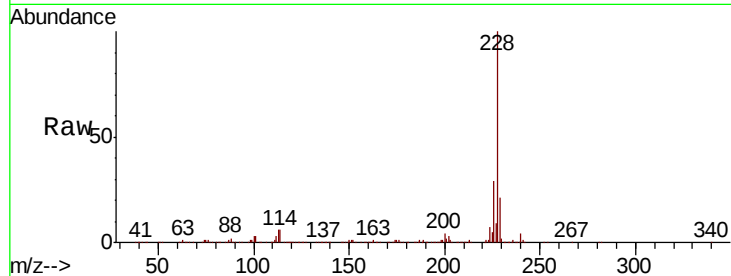
Instrument :

BNA\_G

ClientSampled :

Tot Ion:228 Resp: 637813

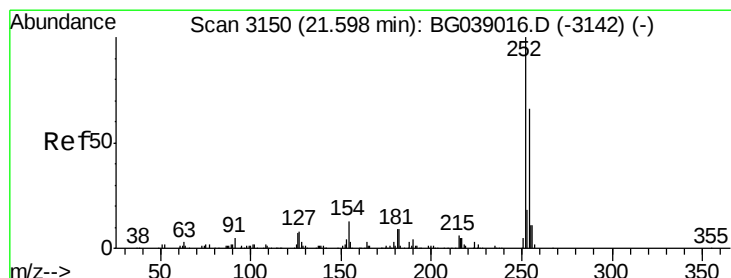
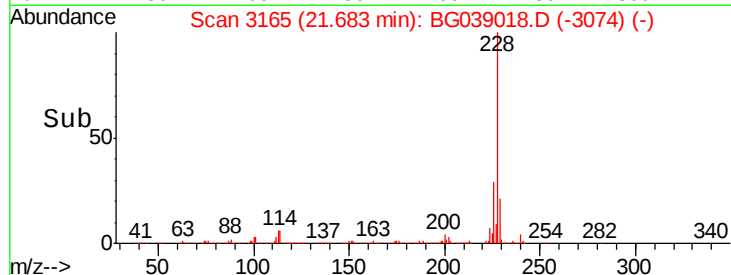
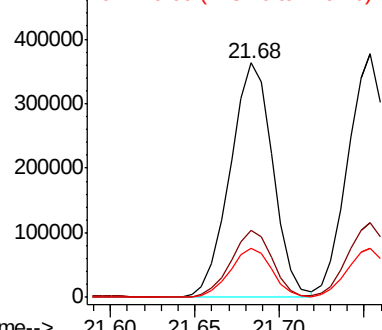
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.6  | 22.4  | 33.6  |
| 229 | 21.1  | 16.2  | 24.2  |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 61.799 ng

RT: 21.60 min Scan# 3151

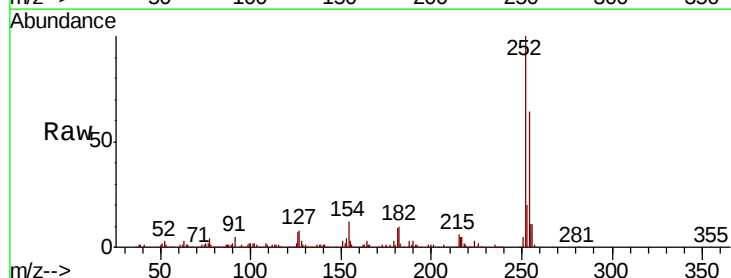
Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Tgt Ion:252 Resp: 262713

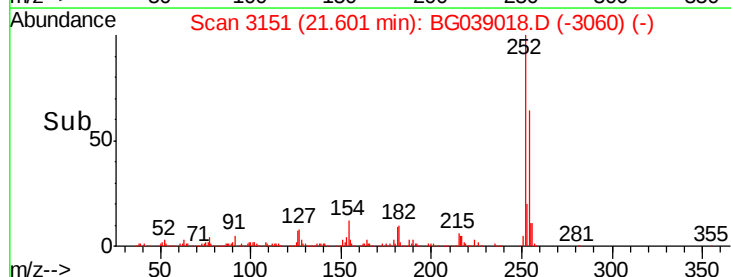
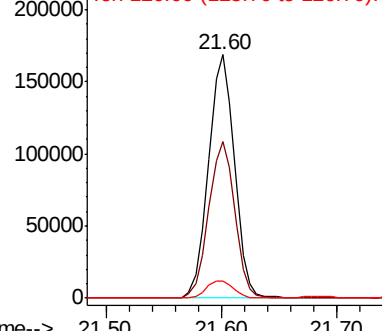
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.2  | 53.0  | 79.6  |
| 126 | 7.0   | 6.0   | 9.0   |

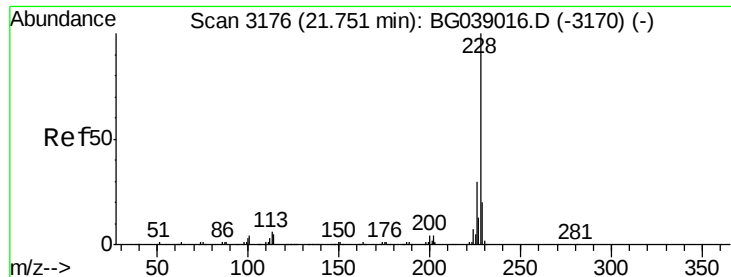


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 59.042 ng

RT: 21.75 min Scan# 3177

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampled :

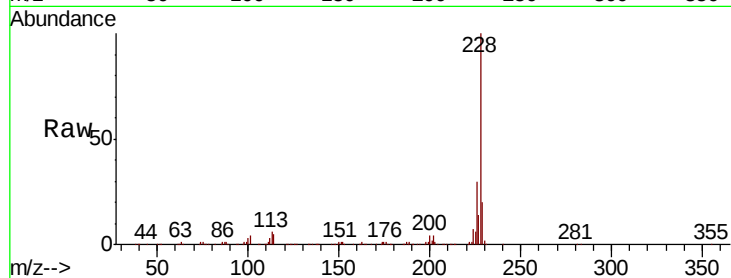
Tot Ion:228 Resp: 609563

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

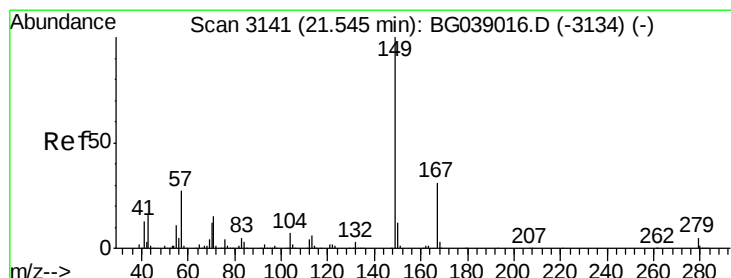
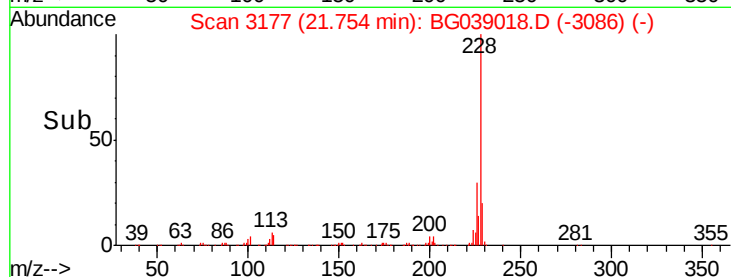
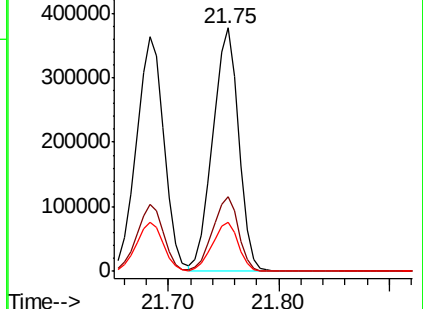
229 20.0 16.0 24.0



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: 56.598 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

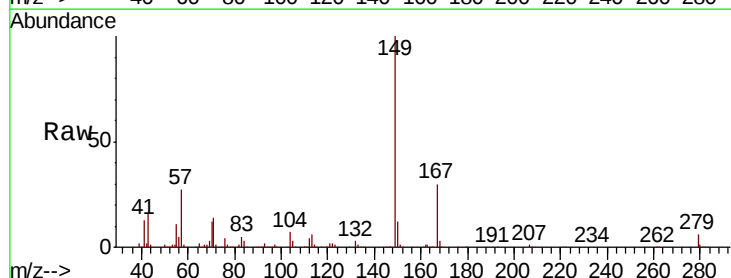
Tgt Ion:149 Resp: 364440

Ion Ratio Lower Upper

149 100

167 29.7 25.0 37.4

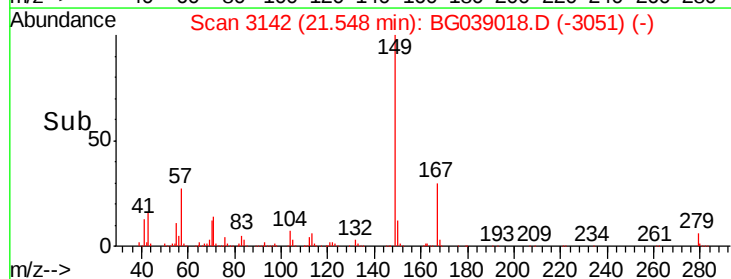
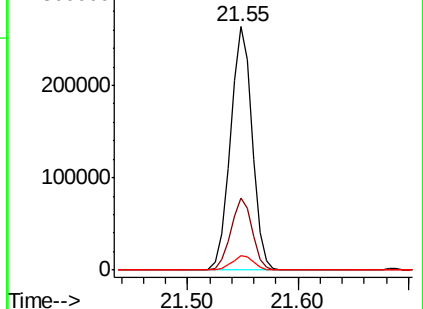
279 5.7 4.3 6.5

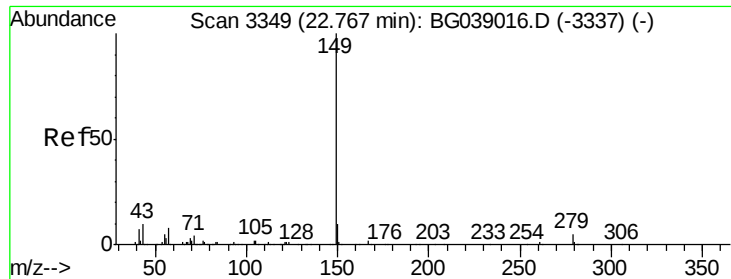


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.344 ng

RT: 22.77 min Scan# 3350

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampled :

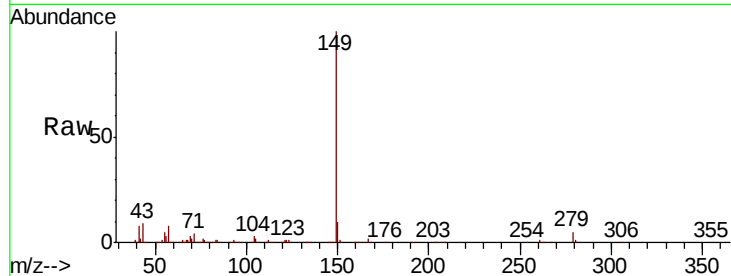
Tot Ion:149 Resp: 618389

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

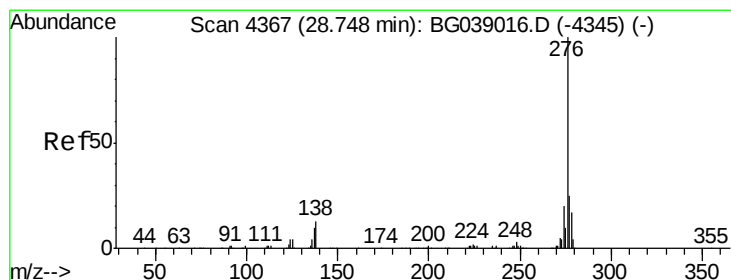
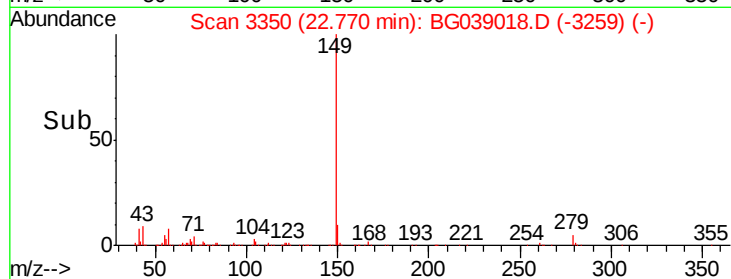
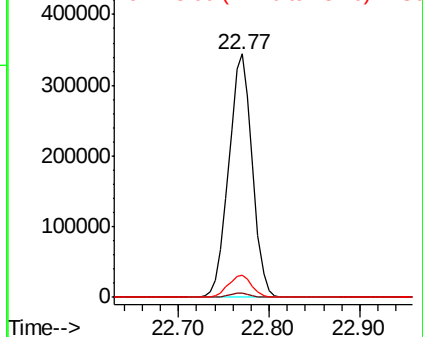
43 9.2 7.5 11.3



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: 61.679 ng

RT: 28.76 min Scan# 4370

Delta R.T. 0.01 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

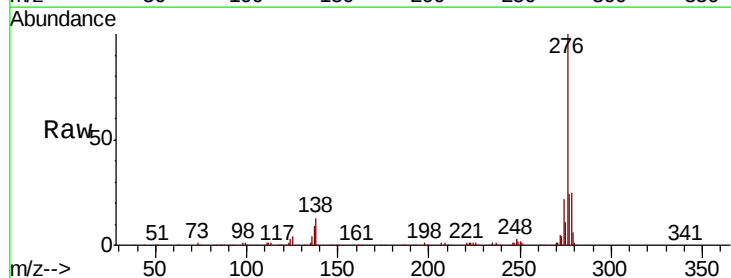
Tgt Ion:276 Resp: 748653

Ion Ratio Lower Upper

276 100

138 9.0 8.0 12.0

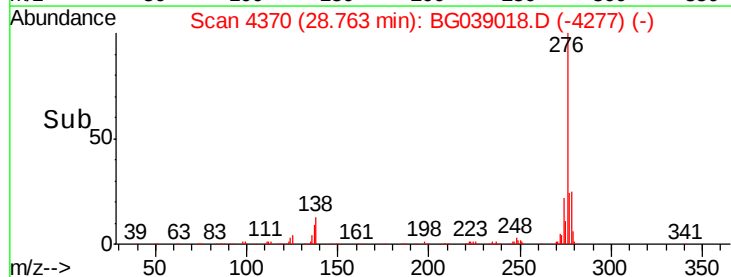
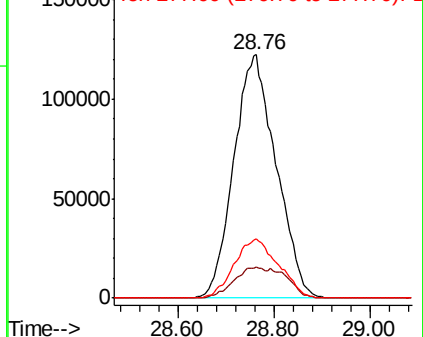
277 25.4 20.3 30.5

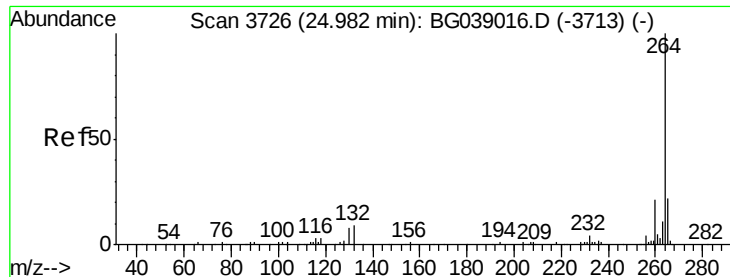


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampleId :

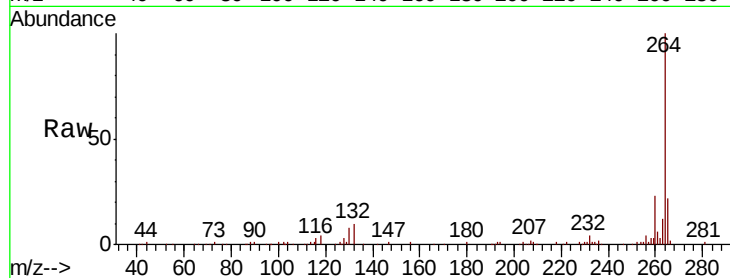
Tot Ion:264 Resp: 193825

Ion Ratio Lower Upper

264 100

260 23.0 17.0 25.6

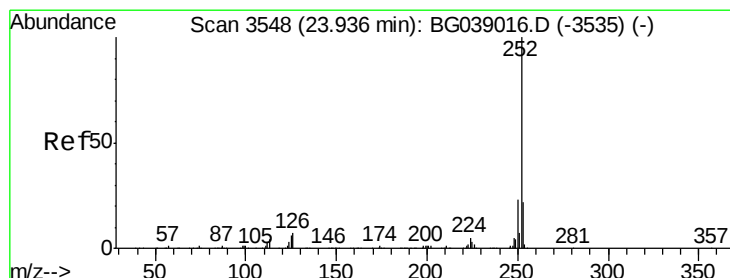
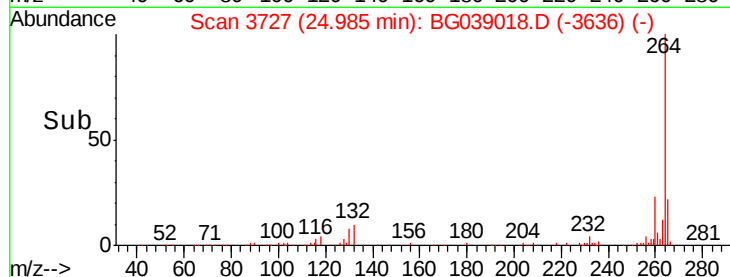
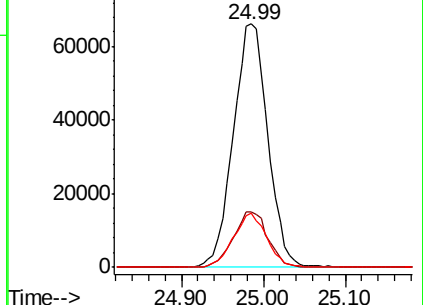
265 22.3 17.2 25.8



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: 60.249 ng

RT: 23.93 min Scan# 3548

Delta R.T. -0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

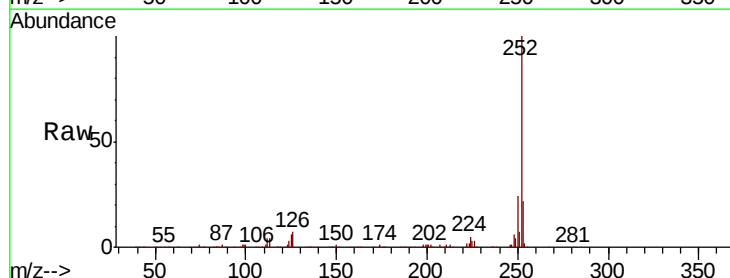
Tgt Ion:252 Resp: 641158

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

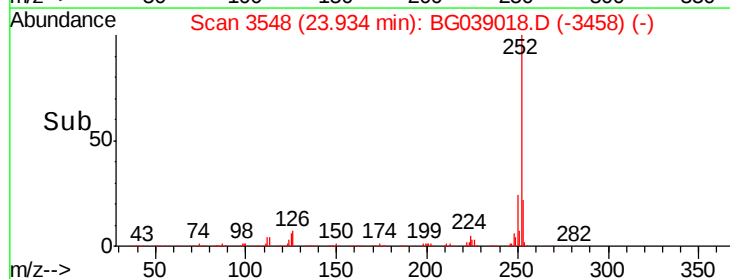
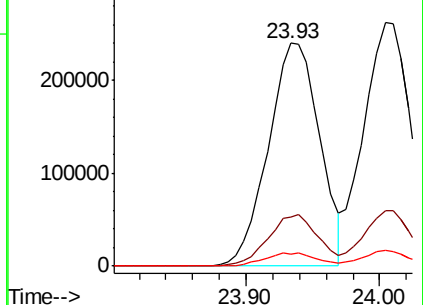
125 5.6 4.9 7.3

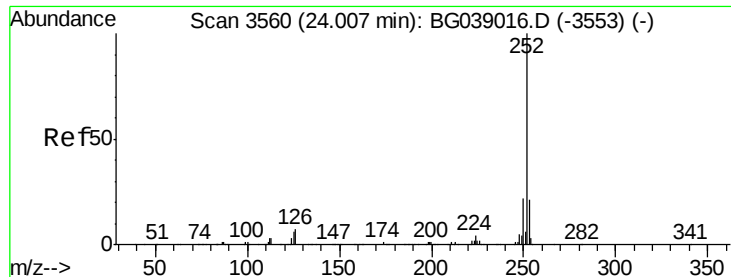


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 60.598 ng

RT: 24.00 min Scan# 3560

Delta R.T. -0.00 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampleId :

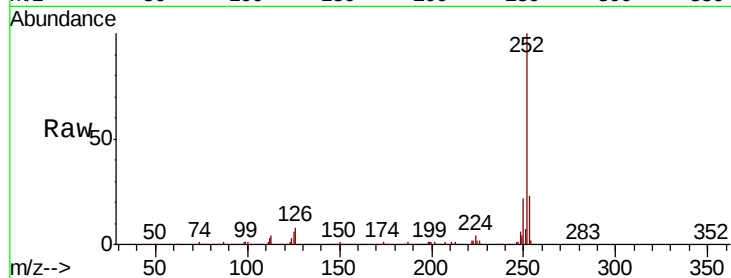
Tot Ion:252 Resp: 642149

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

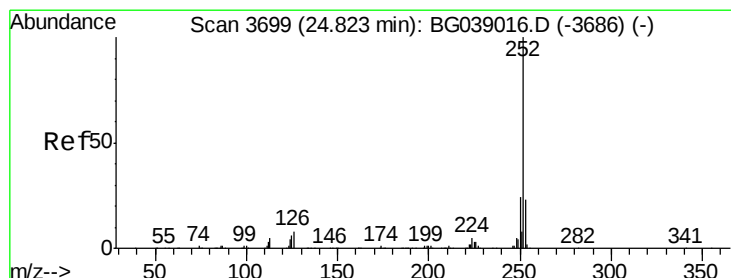
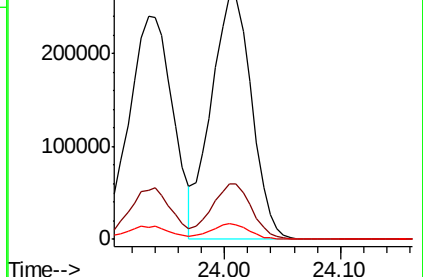
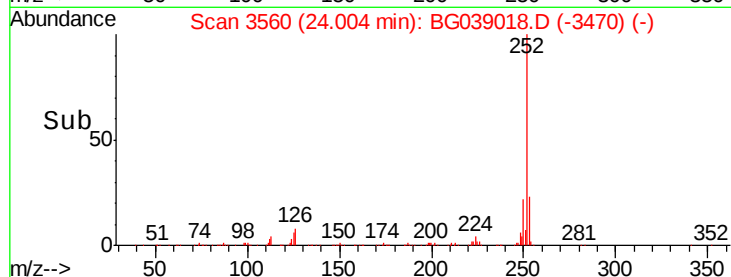
125 6.2 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 61.052 ng

RT: 24.83 min Scan# 3701

Delta R.T. 0.01 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

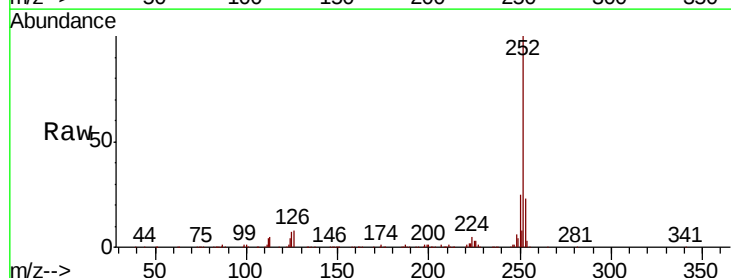
Tgt Ion:252 Resp: 626797

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

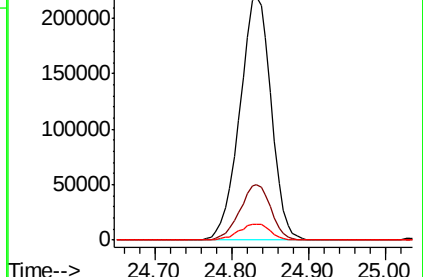
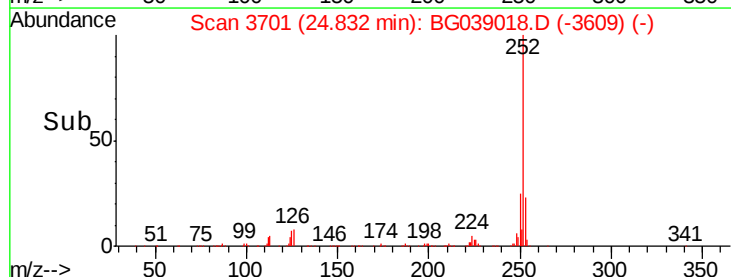
125 6.6 4.9 7.3

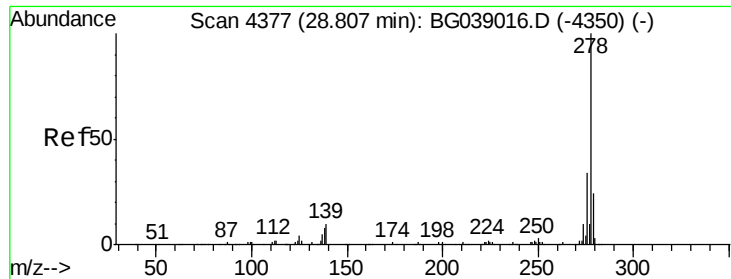


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 61.427 ng

RT: 28.82 min Scan# 4379

Delta R.T. 0.01 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

Instrument :

BNA\_G

ClientSampleId :

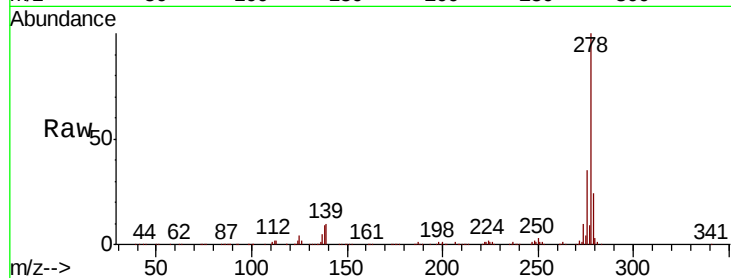
Tot Ion:278 Resp: 627915

Ion Ratio Lower Upper

278 100

139 10.1 7.9 11.9

279 23.9 19.3 28.9

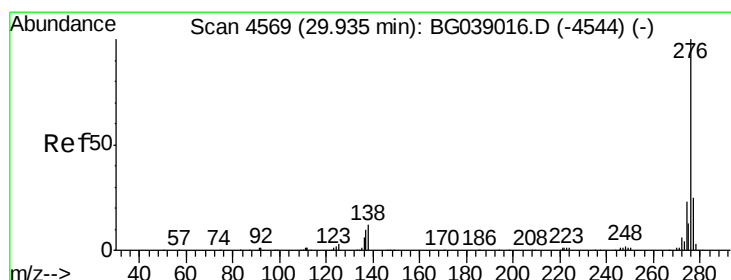
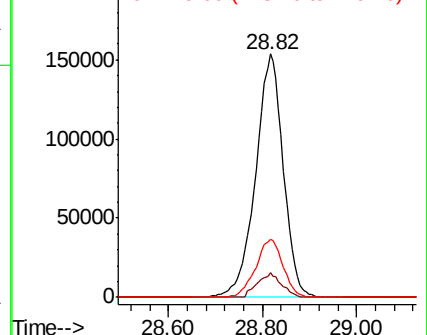
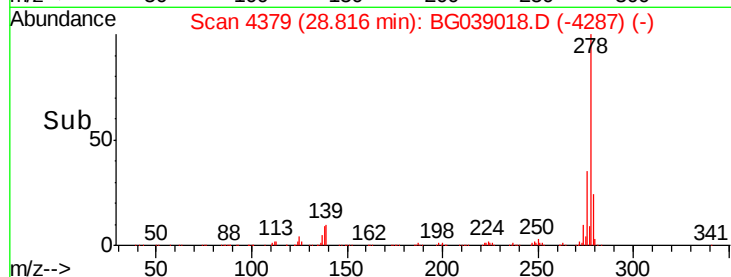


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 61.360 ng

RT: 29.95 min Scan# 4572

Delta R.T. 0.01 min

Lab File: BG039018.D

Acq: 9 Jan 2019 12:57

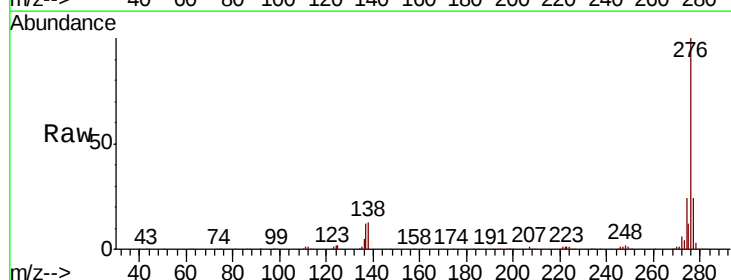
Tgt Ion:276 Resp: 618132

Ion Ratio Lower Upper

276 100

277 24.4 20.3 30.5

138 12.7 9.4 14.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

