

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\  
 Data File : BG038347.D  
 Acq On : 5 Dec 2018 5:48  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Dec 05 06:23:26 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 04 17:15:40 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 35347    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.89 | 136  | 260842   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.71 | 164  | 105307   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.46 | 188  | 247884   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.74 | 240  | 226781   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.05 | 264  | 241758   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 156492 | 78.35 | ng | 0.00 |
| 7) Phenol-d6             | 7.22  | 99  | 232629 | 80.58 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.25  | 82  | 249588 | 47.51 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.20 | 330 | 106595 | 82.45 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.33 | 172 | 572077 | 77.41 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.06 | 244 | 785252 | 74.18 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88  | 33140  | 36.201 | ng | 96     |
| 3) Pyridine                    | 3.91  | 79  | 133647 | 48.799 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 55440  | 46.213 | ng | # 92   |
| 6) Aniline                     | 7.40  | 93  | 150402 | 40.790 | ng | 99     |
| 8) 2-Chlorophenol              | 7.63  | 128 | 96357  | 41.538 | ng | 98     |
| 9) Benzaldehyde                | 7.21  | 77  | 73202  | 40.043 | ng | 96     |
| 10) Phenol                     | 7.25  | 94  | 123352 | 40.440 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.49  | 93  | 99694  | 39.908 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.96  | 146 | 110480 | 40.749 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.11  | 146 | 108601 | 38.714 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.43  | 146 | 102856 | 39.772 | ng | 98     |
| 15) Benzyl Alcohol             | 8.31  | 79  | 98234  | 41.389 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 222369 | 39.135 | ng | 97     |
| 17) 2-Methylphenol             | 8.50  | 107 | 87471  | 41.121 | ng | 96     |
| 18) Hexachloroethane           | 9.15  | 117 | 40831  | 40.328 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.87  | 70  | 87669  | 41.636 | ng | 92     |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 121247 | 39.456 | ng | 97     |
| 22) Acetophenone               | 8.90  | 105 | 159863 | 24.374 | ng | # 97   |
| 24) Nitrobenzene               | 9.29  | 77  | 126634 | 23.724 | ng | 99     |
| 25) Isophorone                 | 9.81  | 82  | 218221 | 23.635 | ng | # 97   |
| 26) 2-Nitrophenol              | 10.00 | 139 | 63643  | 25.732 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 93930  | 26.441 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93  | 142624 | 26.946 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 168821 | 41.632 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.75 | 180 | 158523 | 33.301 | ng | 96     |
| 31) Naphthalene                | 10.94 | 128 | 474471 | 38.080 | ng | 99     |
| 32) Benzoic acid               | 10.20 | 122 | 63555  | 27.460 | ng | 96     |
| 33) 4-Chloroaniline            | 11.05 | 127 | 211347 | 38.317 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 103052 | 34.604 | ng | 99     |
| 35) Caprolactam                | 11.84 | 113 | 51663  | 30.808 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.16 | 107 | 118985 | 26.409 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.54 | 142 | 224580 | 25.310 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.76 | 142 | 218224 | 25.678 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 144491 | 39.875 | ng | 98     |

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 Acq On : 5 Dec 2018 5:48  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

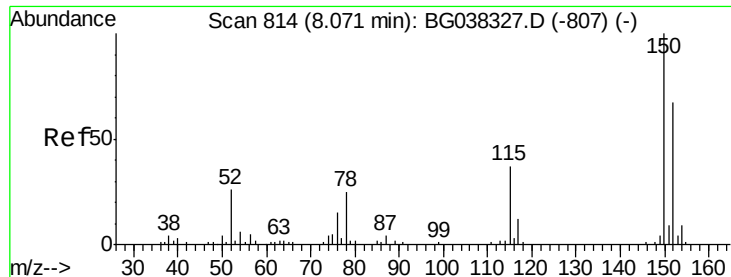
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Dec 05 06:23:26 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 04 17:15:40 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.87 | 237  | 78202    | 39.272 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.14 | 196  | 96807    | 41.241 | nq    | 94       |
| 44) 2,4,5-Trichlorophenol      | 13.22 | 196  | 101266   | 40.723 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.54 | 154  | 344935   | 38.750 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.59 | 162  | 256784   | 38.229 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.80 | 65   | 91315    | 40.521 | nq    | 97       |
| 49) Acenaphthylene             | 14.43 | 152  | 398704   | 39.412 | nq    | 100      |
| 50) Dimethylphthalate          | 14.16 | 163  | 334874   | 39.646 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.29 | 165  | 76463    | 39.630 | nq    | 96       |
| 52) Acenaphthene               | 14.77 | 154  | 238938   | 38.743 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.63 | 138  | 80282    | 38.635 | nq    | # 97     |
| 54) 2,4-Dinitrophenol          | 14.83 | 184  | 39881    | 37.706 | nq    | 88       |
| 55) Dibenzofuran               | 15.11 | 168  | 397417   | 38.979 | nq    | 97       |
| 56) 4-Nitrophenol              | 14.92 | 139  | 62997    | 38.378 | nq    | 86       |
| 57) 2,4-Dinitrotoluene         | 15.07 | 165  | 106837   | 40.147 | nq    | 96       |
| 58) Fluorene                   | 15.75 | 166  | 299591   | 39.884 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 90077    | 41.707 | nq    | 98       |
| 60) Diethylphthalate           | 15.51 | 149  | 360464   | 38.520 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 178123   | 39.479 | nq    | 98       |
| 62) 4-Nitroaniline             | 15.79 | 138  | 81323    | 39.790 | nq    | 89       |
| 63) Azobenzene                 | 16.04 | 77   | 318688   | 38.914 | nq    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 15.84 | 198  | 66739    | 41.091 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.96 | 169  | 294497   | 42.249 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 114408   | 42.739 | nq    | 98       |
| 68) Hexachlorobenzene          | 16.75 | 284  | 117003   | 42.375 | nq    | 97       |
| 69) Atrazine                   | 16.90 | 200  | 109409   | 42.064 | nq    | 99       |
| 70) Pentachlorophenol          | 17.10 | 266  | 78265    | 41.384 | nq    | 96       |
| 71) Phenanthrene               | 17.50 | 178  | 495521   | 39.917 | nq    | 99       |
| 72) Anthracene                 | 17.59 | 178  | 489680   | 40.733 | nq    | 100      |
| 73) Carbazole                  | 17.86 | 167  | 481952   | 40.393 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.39 | 149  | 556165   | 39.900 | nq    | 99       |
| 75) Fluoranthene               | 19.50 | 202  | 573641   | 39.551 | nq    | 98       |
| 77) Benzidine                  | 19.69 | 184  | 305912   | 39.975 | nq    | 99       |
| 78) Pyrene                     | 19.87 | 202  | 580283   | 36.571 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 247735   | 38.818 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.72 | 228  | 542582   | 38.928 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.64 | 252  | 206644   | 38.112 | nq    | 99       |
| 83) Chrysene                   | 21.79 | 228  | 515678   | 39.097 | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.59 | 149  | 347788   | 38.448 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.82 | 149  | 579027   | 37.332 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.84 | 276  | 593169   | 39.571 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 23.99 | 252  | 519274   | 38.014 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 24.06 | 252  | 519521   | 38.186 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.89 | 252  | 506191   | 38.203 | nq    | # 97     |
| 91) Dibenzo(a,h)anthracene     | 28.92 | 278  | 492419   | 39.183 | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.04 | 276  | 489614   | 39.269 | nq    | 96       |

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



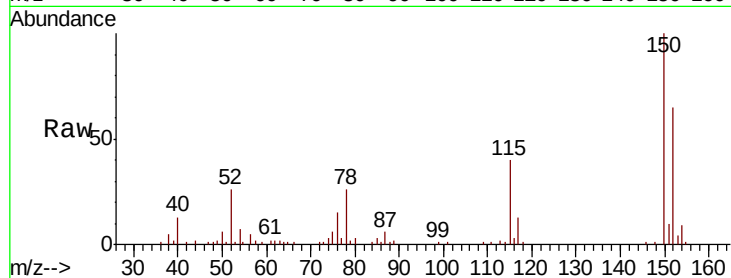


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.07 min Scan# 814  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.8 | 126.0 | 189.0 |
| 115     | 60.9  | 45.5  | 68.3  |

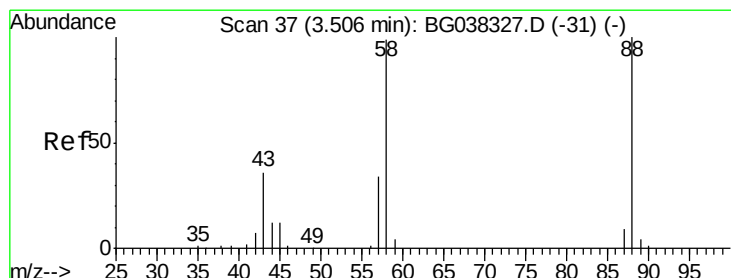
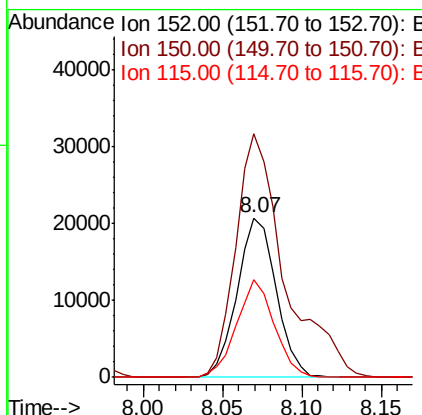
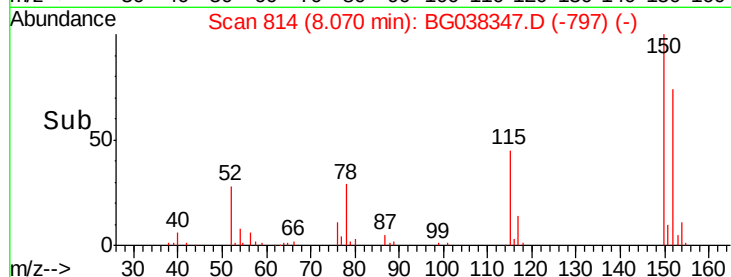


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

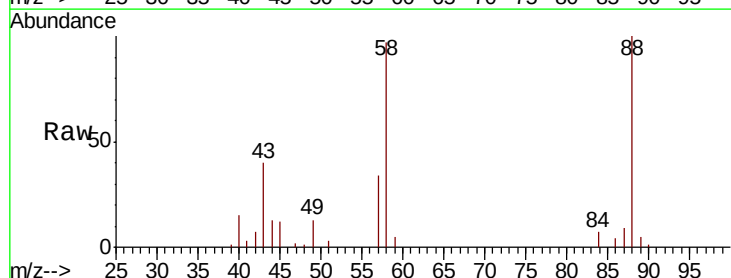
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 36.201 ng  
RT: 3.50 min Scan# 37  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 94.7  | 74.4  | 111.6 |
| 43      | 37.2  | 25.8  | 38.8  |

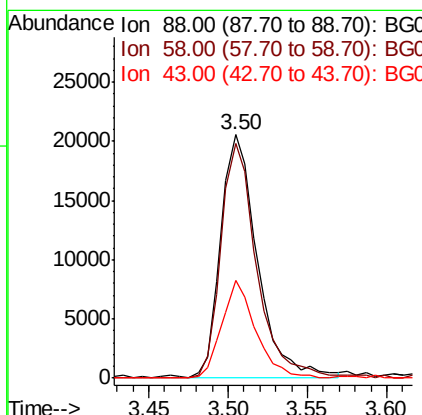
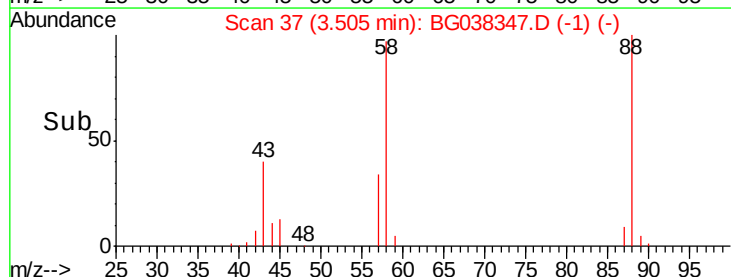


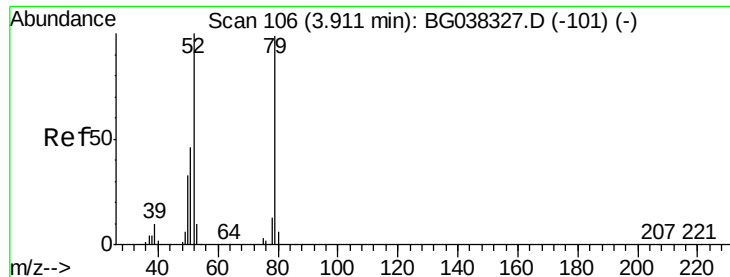
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



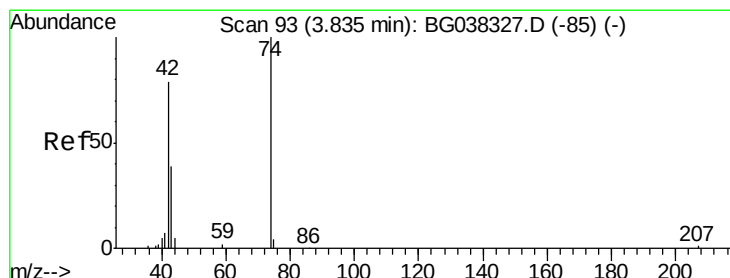
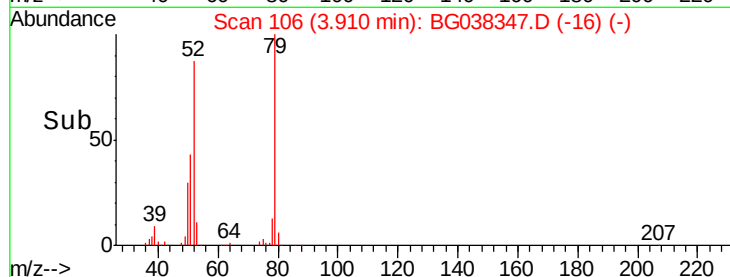
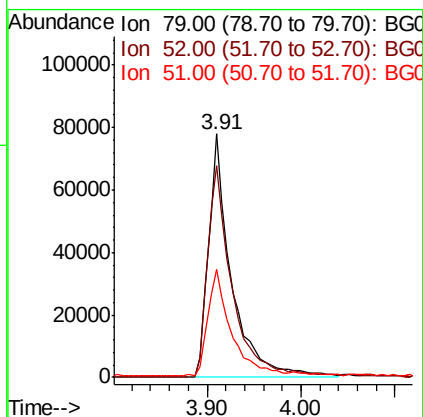
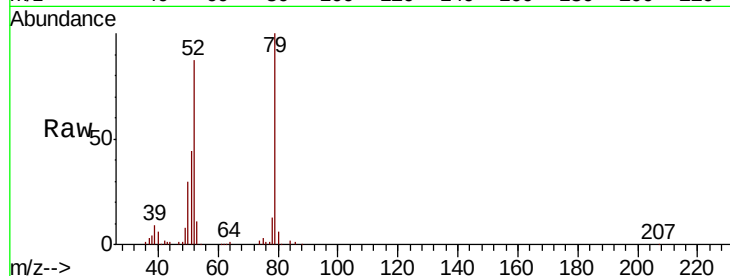


#3  
 Pvridine  
 Concen: 48.799 ng  
 RT: 3.91 min Scan# 106  
 Delta R.T. -0.00 min  
 Lab File: BG038347.D  
 Acq: 5 Dec 2018 5:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion: 79 Resp: 133647  

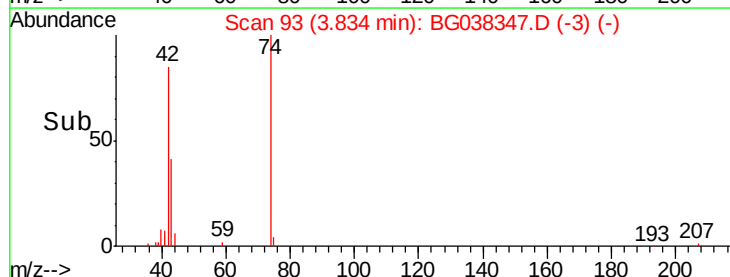
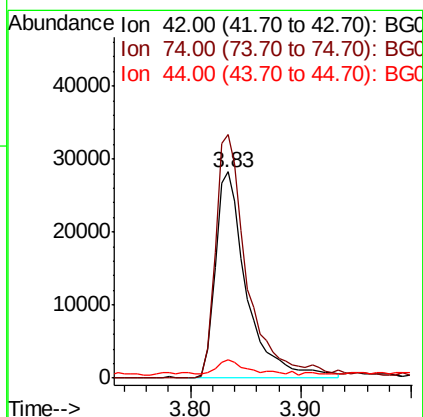
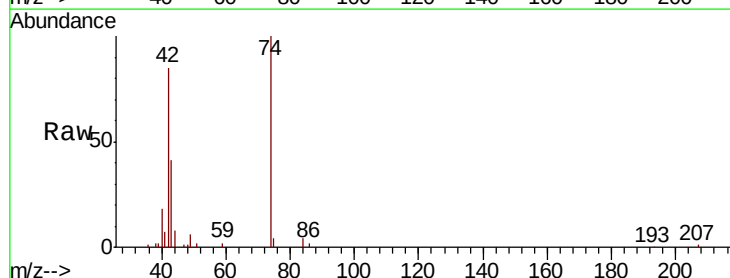
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 87.1  | 74.2  | 111.2 |
| 51  | 44.1  | 34.6  | 51.8  |

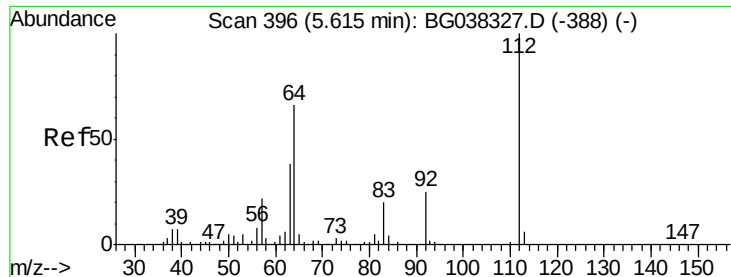


#4  
 n-Nitrosodimethylamine  
 Concen: 46.213 ng  
 RT: 3.83 min Scan# 93  
 Delta R.T. -0.00 min  
 Lab File: BG038347.D  
 Acq: 5 Dec 2018 5:48

Tgt Ion: 42 Resp: 55440  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 118.0 | 102.0 | 153.0 |
| 44  | 9.0   | 9.6   | 14.4  |





#5

2-Fluorophenol

Concen: 78.348 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

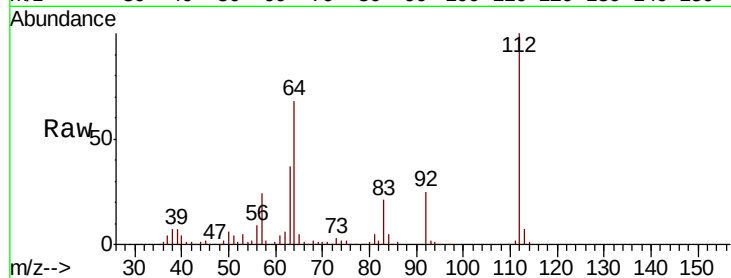
Tot Ion:112 Resp: 156492

Ion Ratio Lower Upper

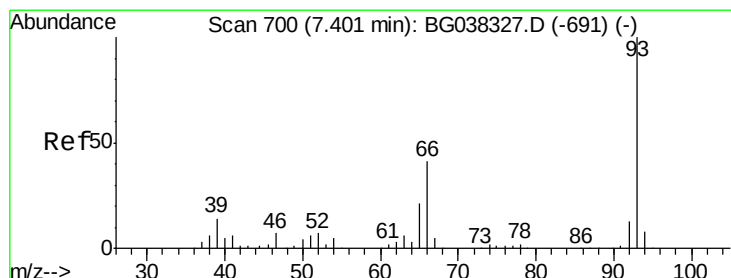
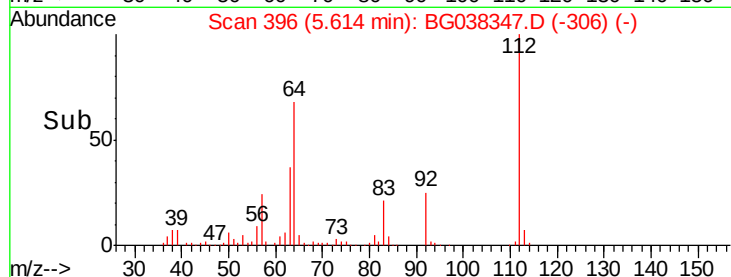
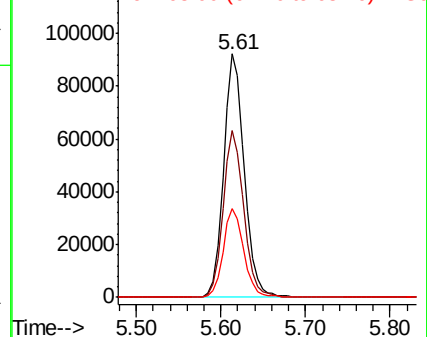
112 100

64 68.4 53.1 79.7

63 36.7 27.3 40.9



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



#6

Aniline

Concen: 40.790 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

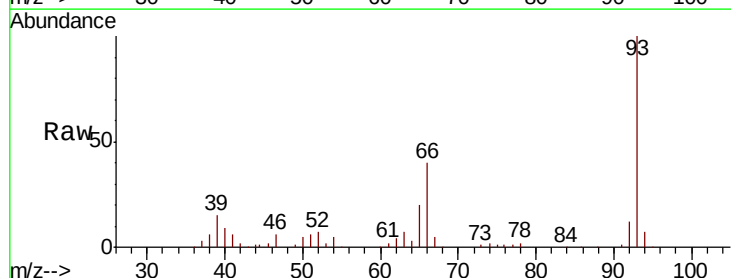
Tgt Ion: 93 Resp: 150402

Ion Ratio Lower Upper

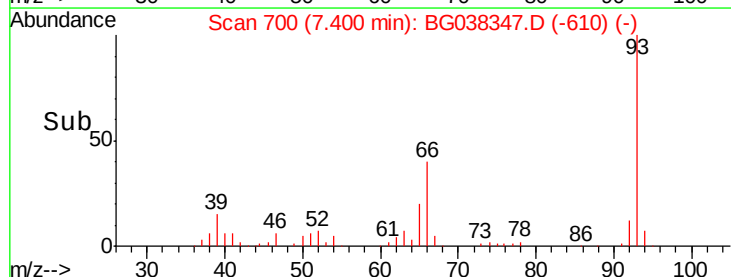
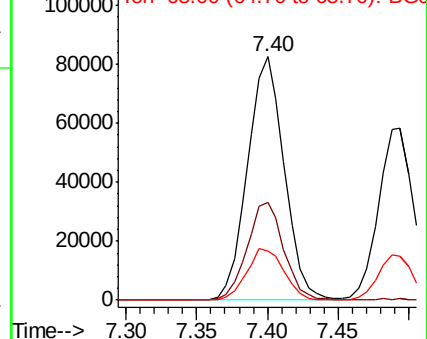
93 100

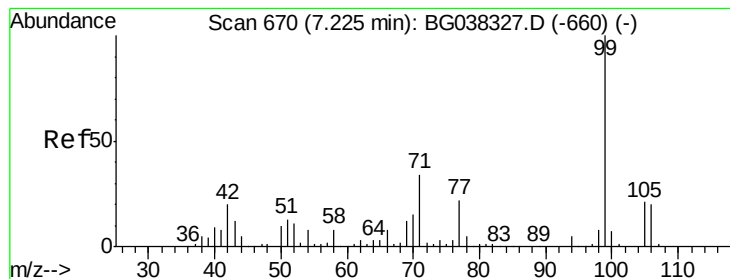
66 40.1 32.8 49.2

65 20.0 16.4 24.6



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: 80.580 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

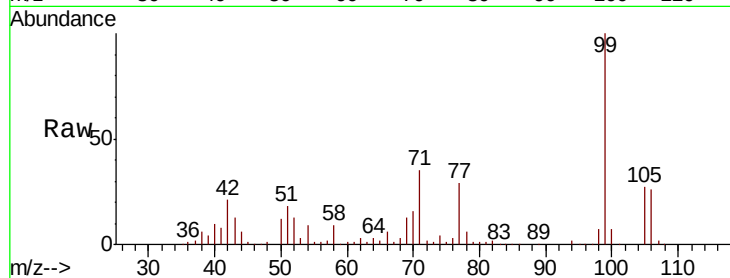
Tot Ion: 99 Resp: 232629

Ion Ratio Lower Upper

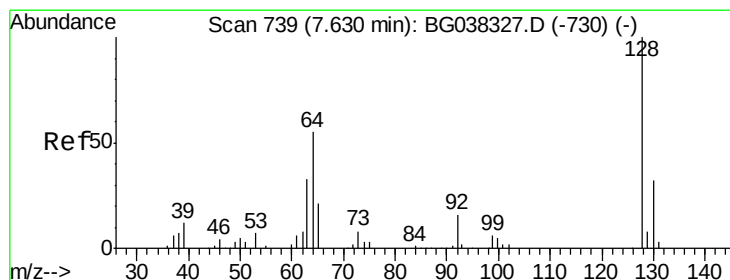
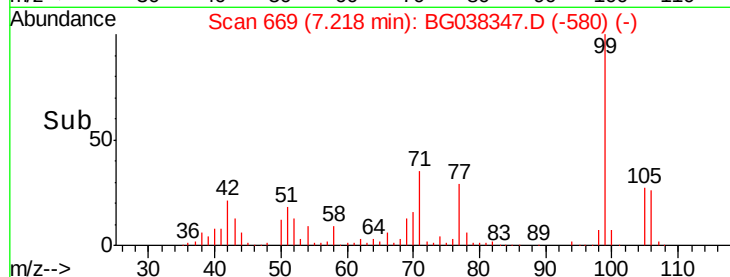
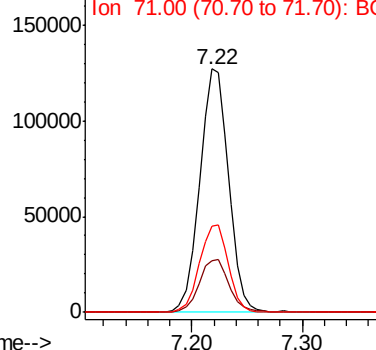
99 100

42 21.5 15.0 22.4

71 35.4 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.538 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

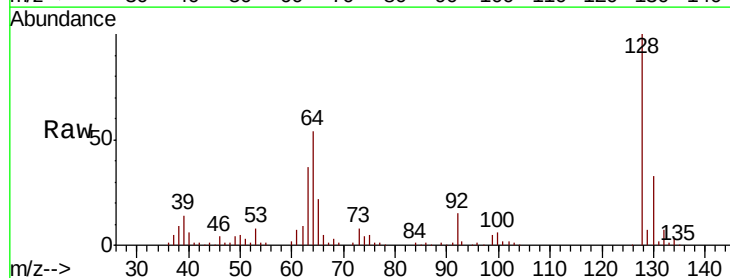
Tgt Ion: 128 Resp: 96357

Ion Ratio Lower Upper

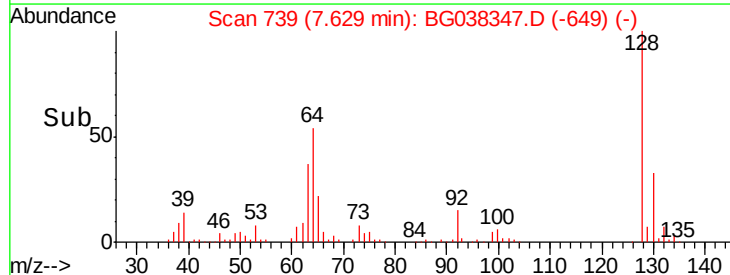
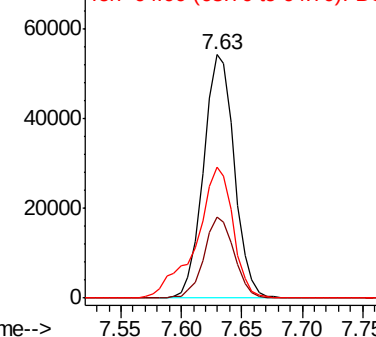
128 100

130 33.1 12.0 52.0

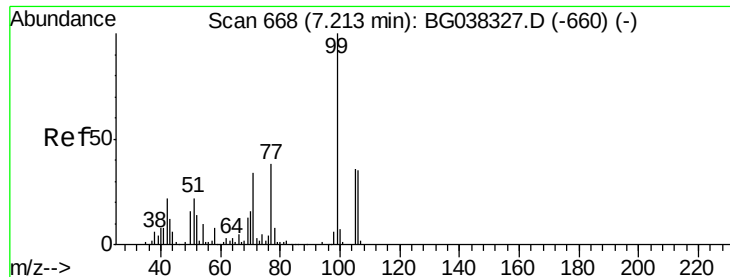
64 53.8 32.9 72.9



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







#9

Benzaldehyde

Concen: 40.043 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

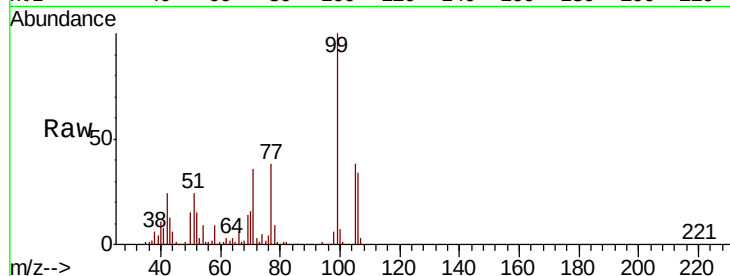
Tot Ion: 77 Resp: 73202

Ion Ratio Lower Upper

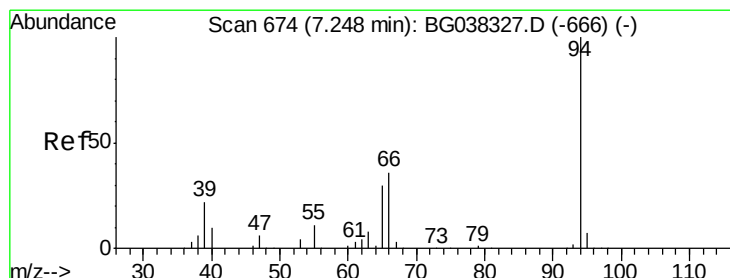
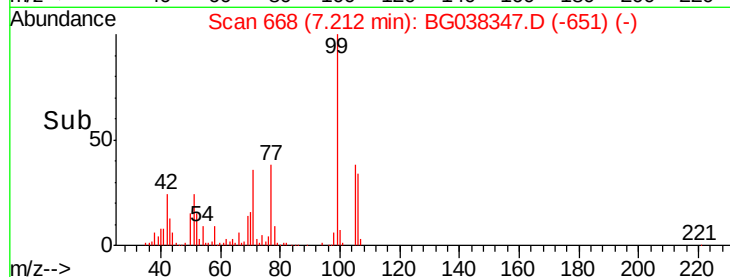
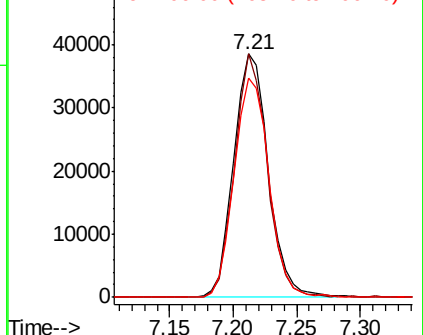
77 100

105 99.9 72.6 112.6

106 90.3 71.3 111.3



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: 40.440 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

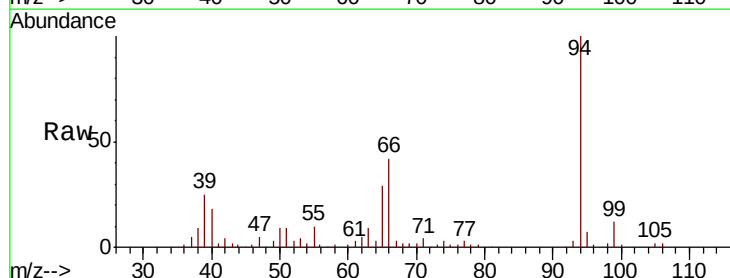
Tgt Ion: 94 Resp: 123352

Ion Ratio Lower Upper

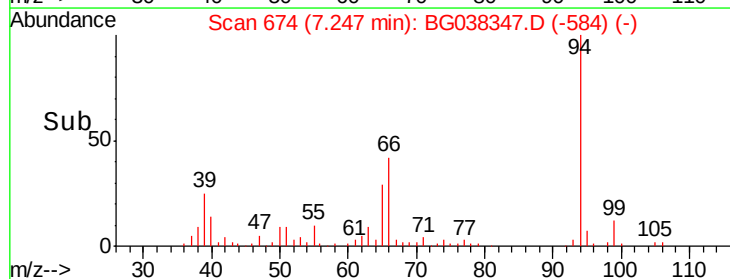
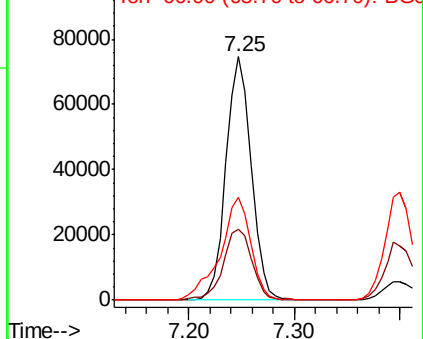
94 100

65 29.0 9.7 49.7

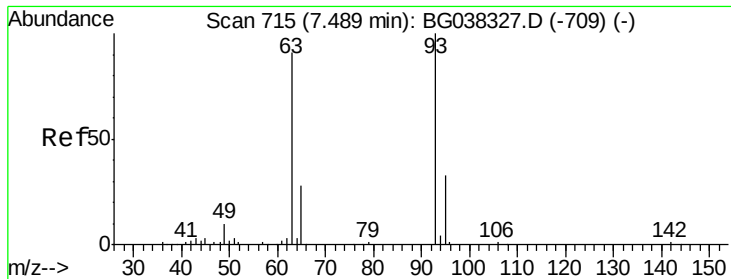
66 42.5 15.9 55.9



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: 39.908 ng

RT: 7.49 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

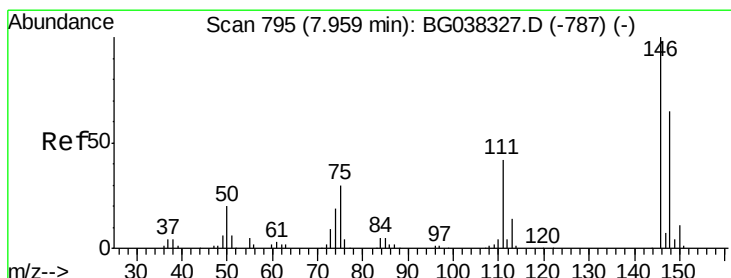
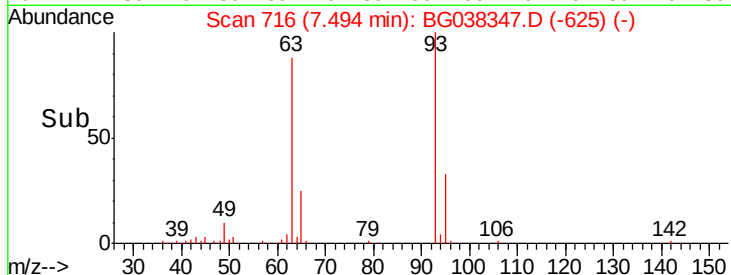
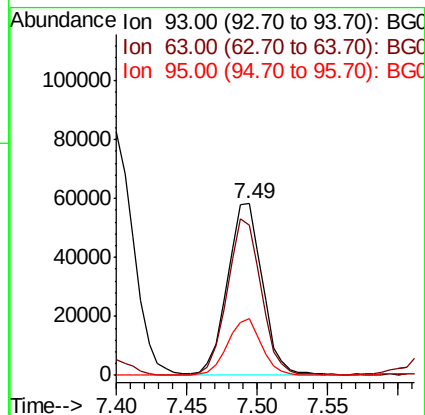
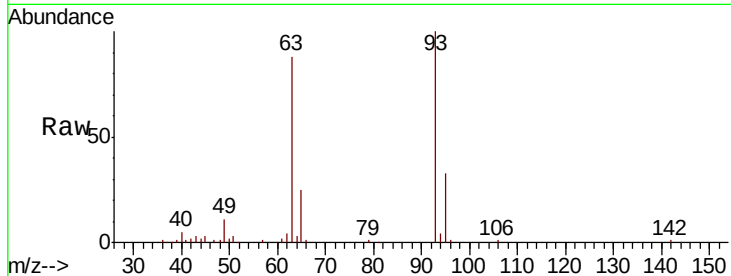
Tot Ion: 93 Resp: 99694

Ion Ratio Lower Upper

93 100

63 87.6 69.5 109.5

95 32.9 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 40.749 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

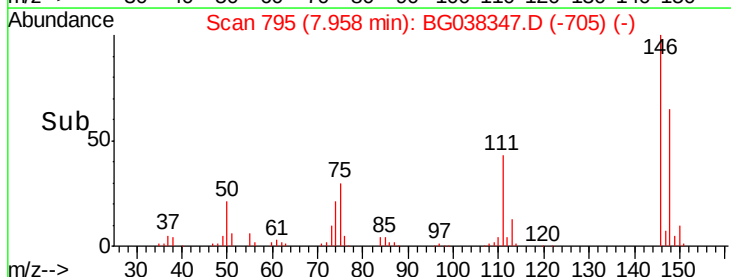
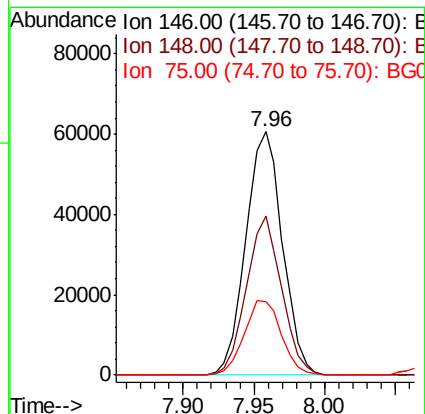
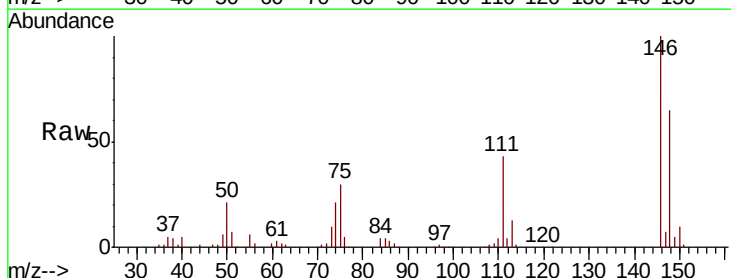
Tgt Ion: 146 Resp: 110480

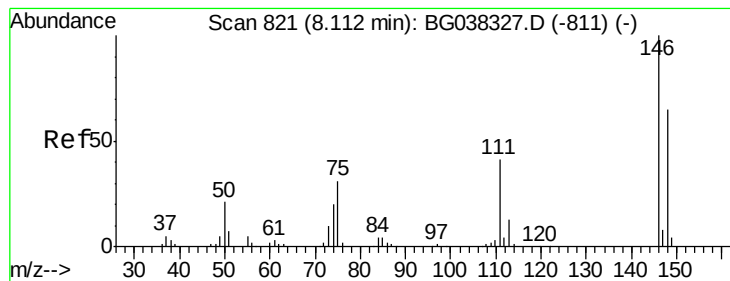
Ion Ratio Lower Upper

146 100

148 65.3 49.8 74.8

75 30.0 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 38.714 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

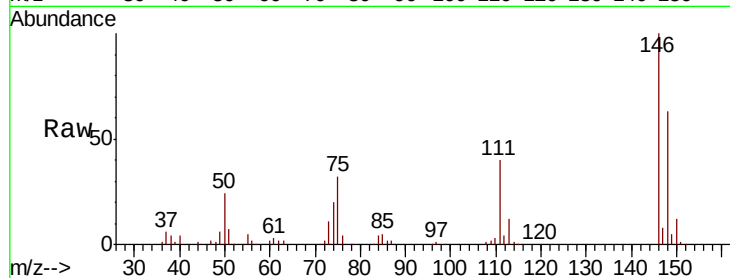
Tot Ion:146 Resp: 108601

Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.6

111 39.8 32.4 48.6

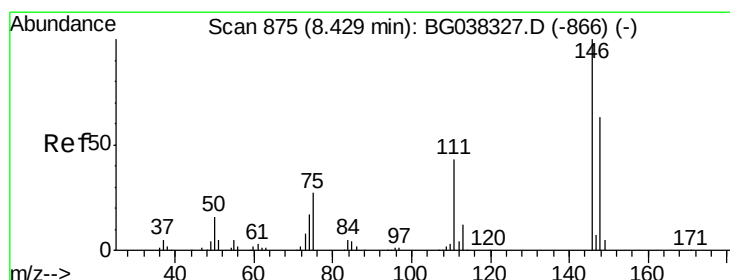
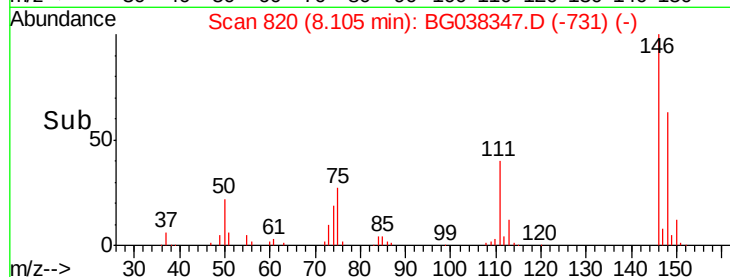
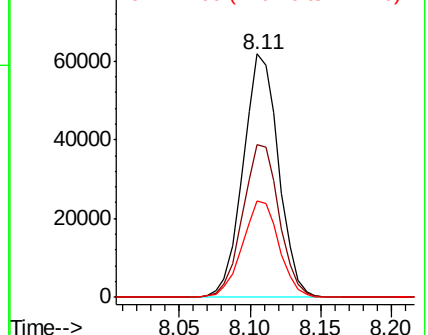


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.772 ng

RT: 8.43 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

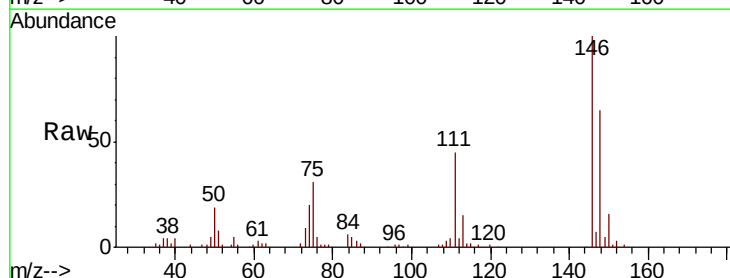
Tgt Ion:146 Resp: 102856

Ion Ratio Lower Upper

146 100

148 64.8 50.4 75.6

111 44.7 34.6 51.8

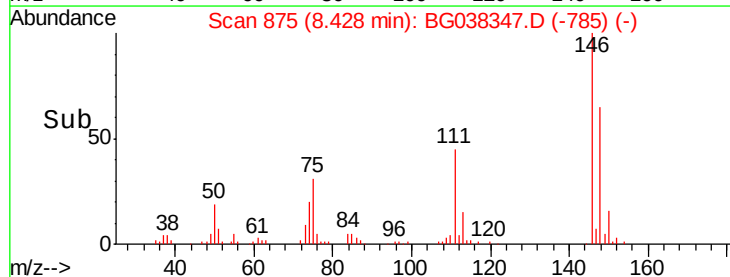
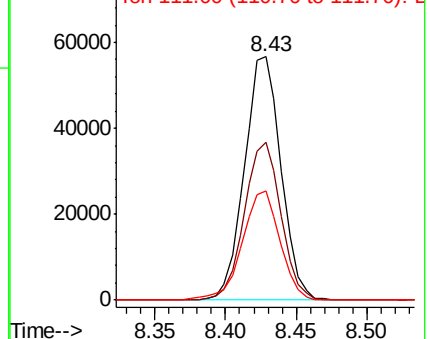


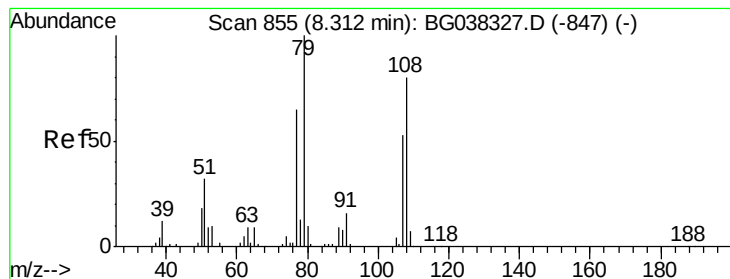
Abundance

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: 41.389 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

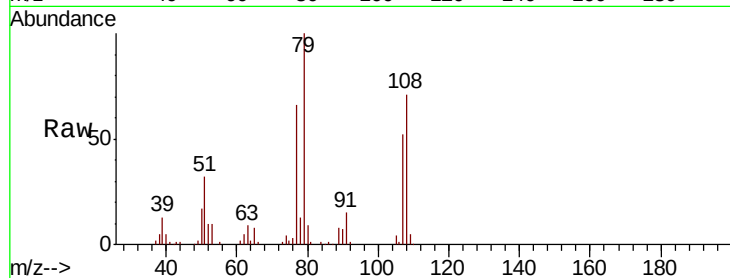
Tot Ion: 79 Resp: 98234

Ion Ratio Lower Upper

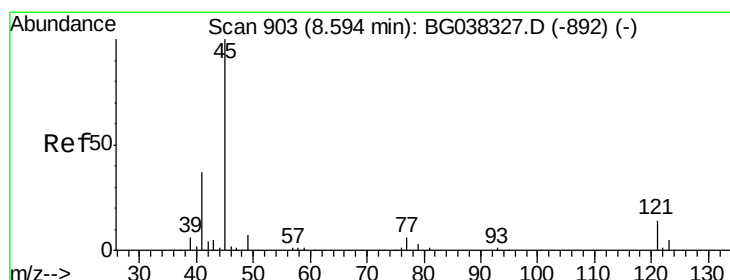
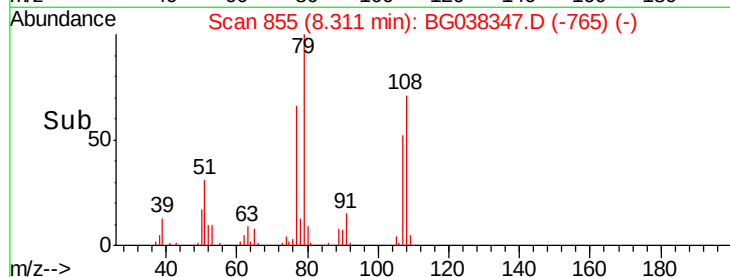
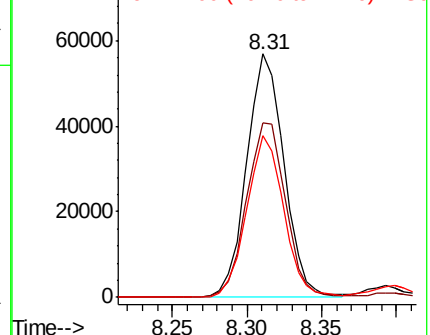
79 100

108 71.5 65.8 98.8

77 66.3 52.9 79.3



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: 39.135 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

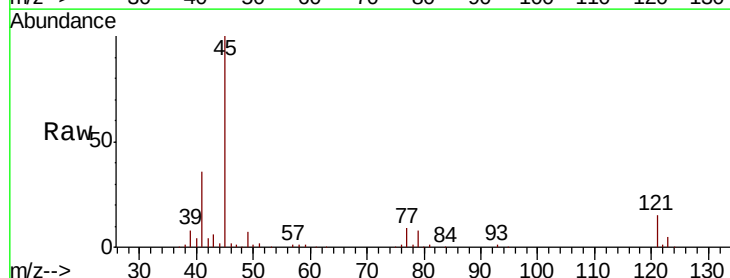
Tgt Ion: 45 Resp: 222369

Ion Ratio Lower Upper

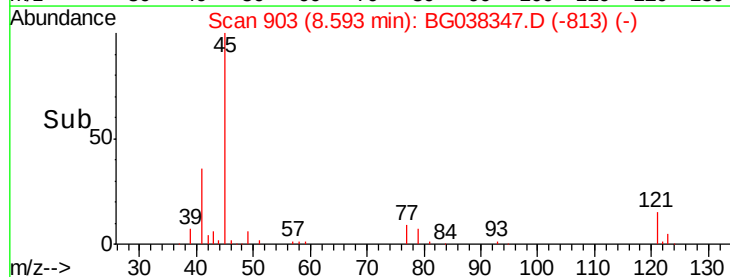
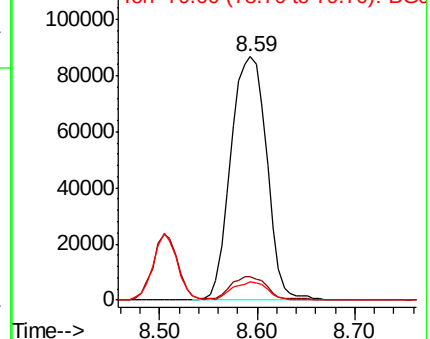
45 100

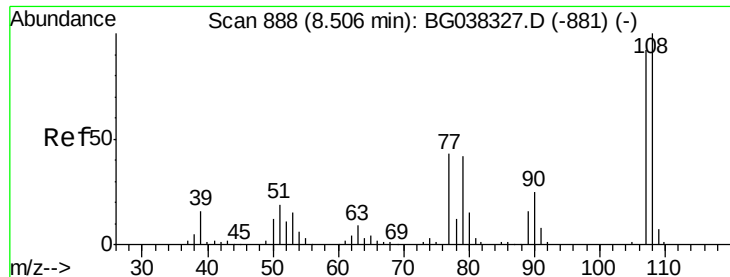
77 9.4 0.0 30.0

79 7.6 0.0 29.0



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

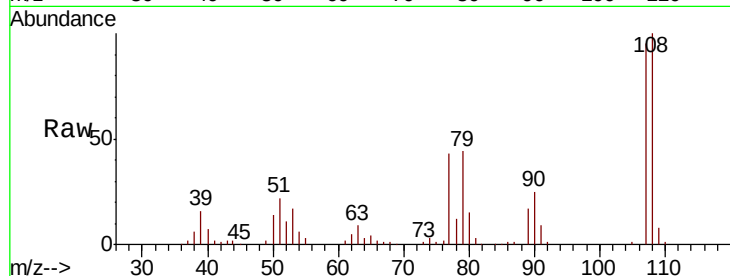




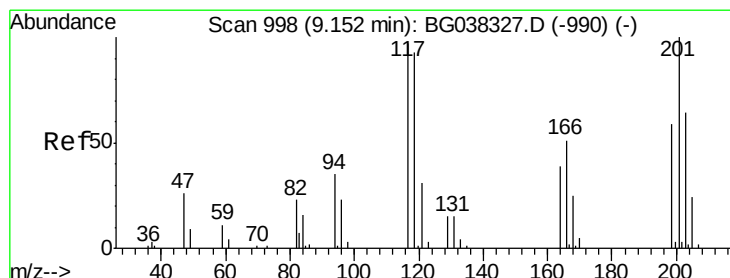
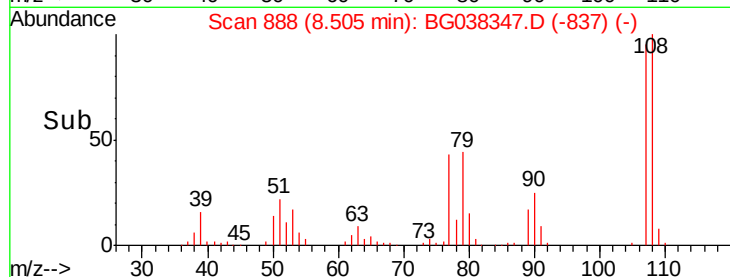
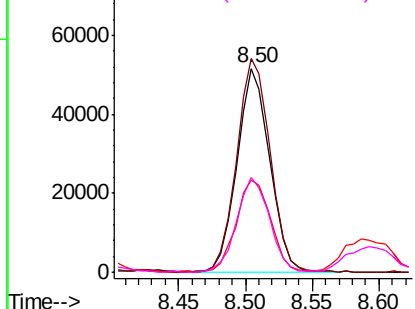
#17  
2-Methylphenol  
Concen: 41.121 ng  
RT: 8.50 min Scan# 888  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:107 Resp: 87471  
Ion Ratio Lower Upper  
107 100  
108 104.7 87.9 131.9  
77 45.2 35.1 52.7  
79 46.2 34.5 51.7

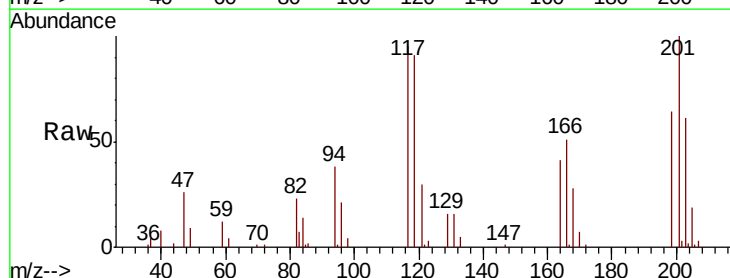


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

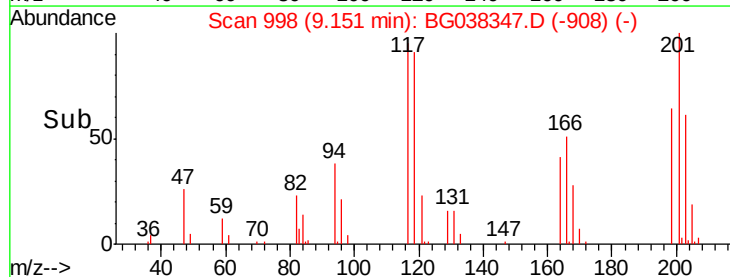
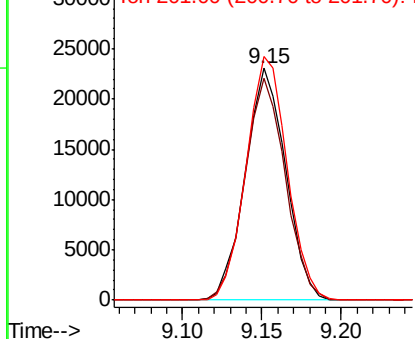


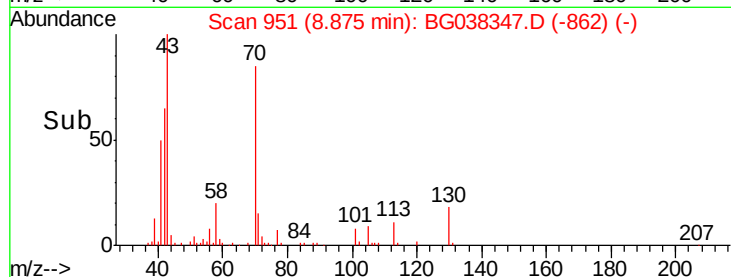
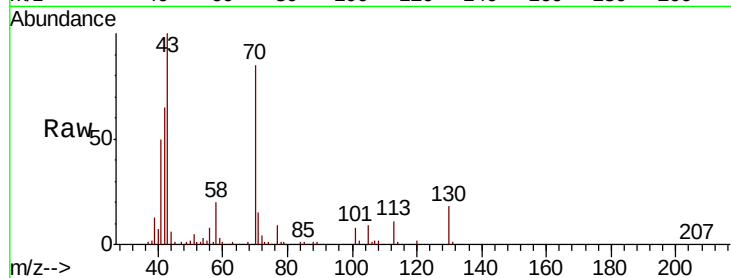
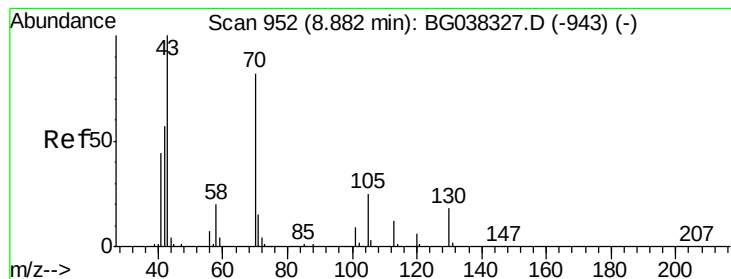
#18  
Hexachloroethane  
Concen: 40.328 ng  
RT: 9.15 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion:117 Resp: 40831  
Ion Ratio Lower Upper  
117 100  
119 95.8 74.6 111.8  
201 108.2 80.8 121.2



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: 41.636 ng

RT: 8.87 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 87669

Ion Ratio Lower Upper

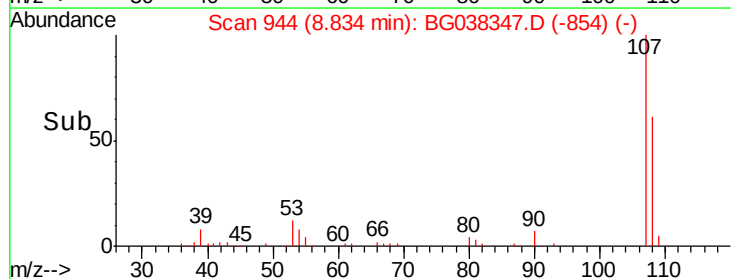
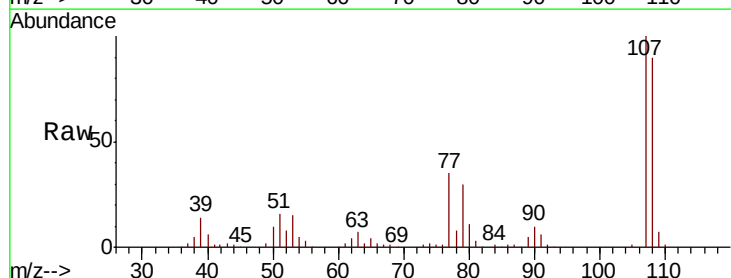
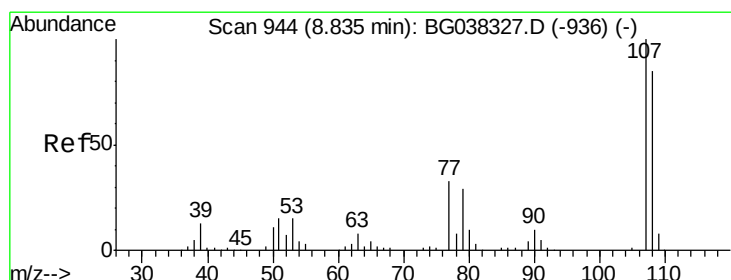
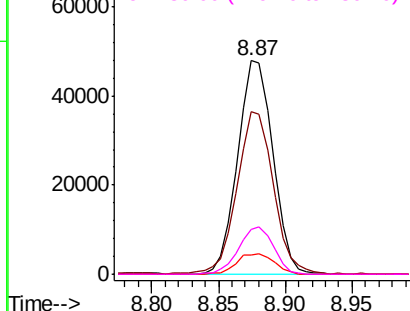
70 100

42 76.4 53.9 80.9

101 9.2 8.2 12.2

130 21.3 18.2 27.4

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



#20

3+4-Methylphenols

Concen: 39.456 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Tgt Ion: 107 Resp: 121247

Ion Ratio Lower Upper

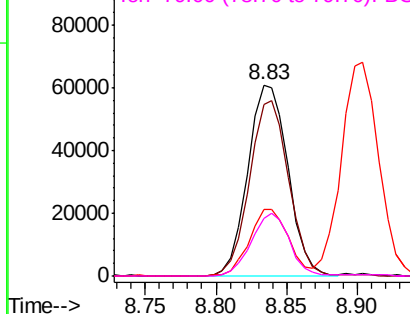
107 100

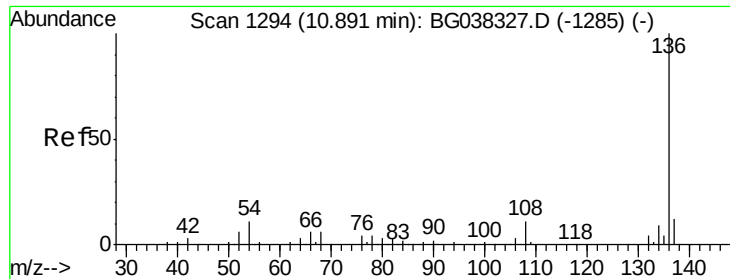
108 89.5 69.9 109.9

77 35.0 11.2 51.2

79 29.9 6.6 46.6

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 260842

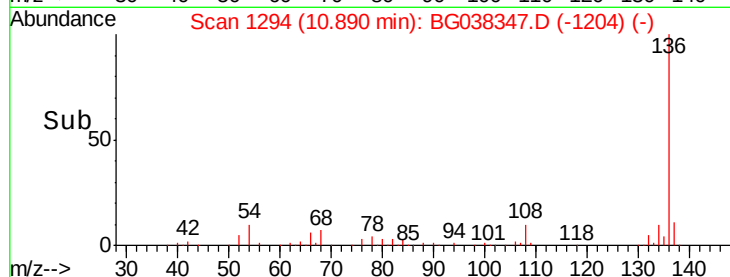
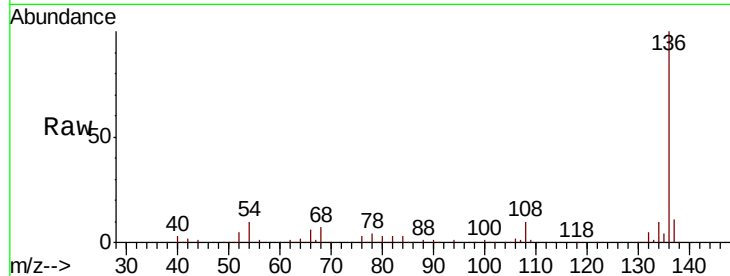
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 10.2 7.9 11.9

68 7.2 4.8 7.2#

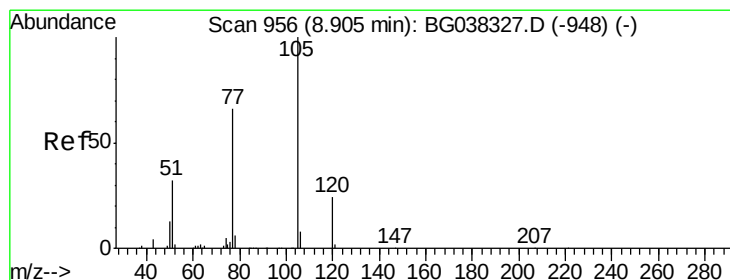
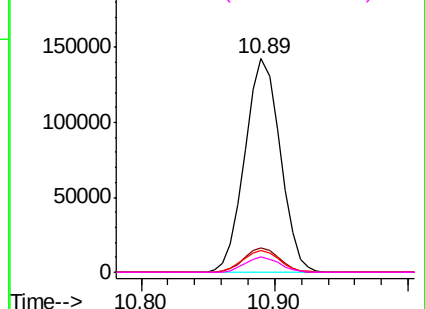


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 24.374 ng

RT: 8.90 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Tgt Ion:105 Resp: 159863

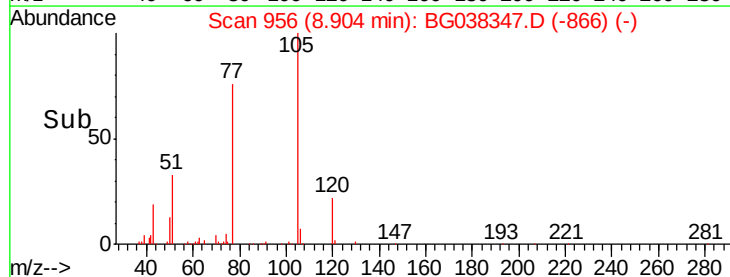
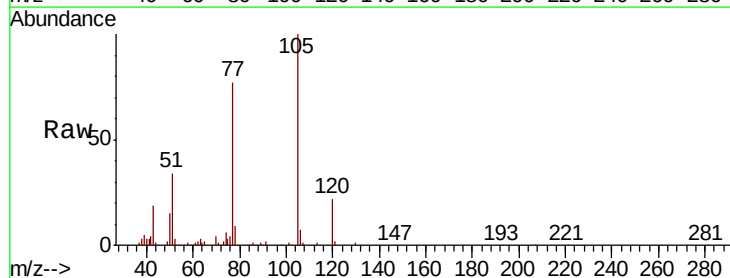
Ion Ratio Lower Upper

105 100

71 0.7 1.2 1.8#

51 33.6 25.0 37.6

120 22.3 18.6 28.0

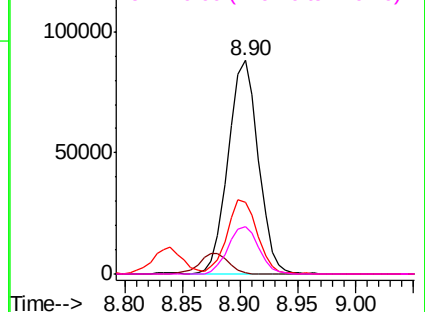


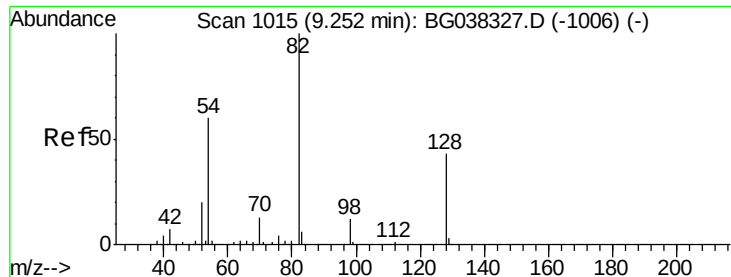
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

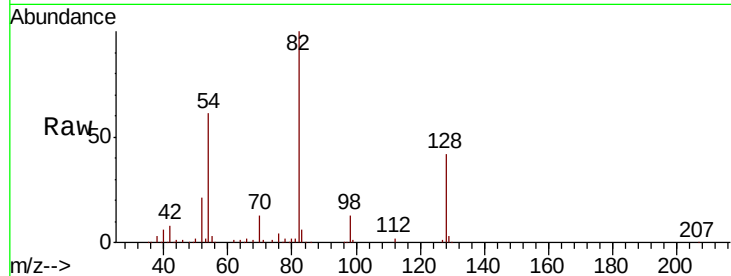




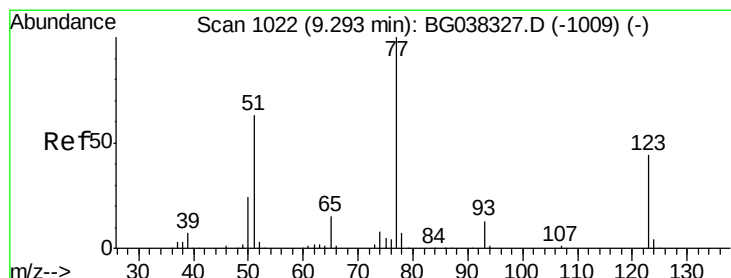
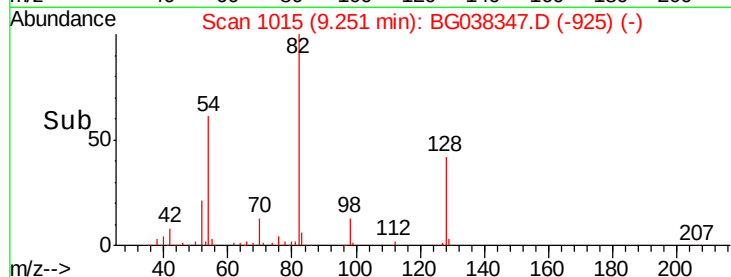
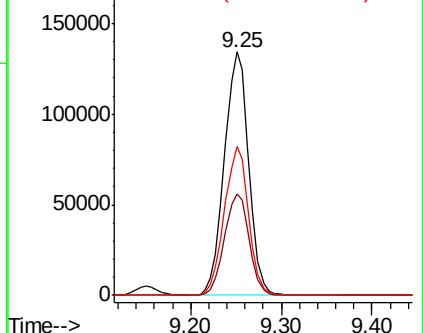
#23  
Nitrobenzene-d5  
Concen: 47.506 ng  
RT: 9.25 min Scan# 1015  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion   | 82    | Resp  | 249588 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 41.7  | 34.6  | 51.8   |
| 54        | 61.3  | 45.3  | 67.9   |

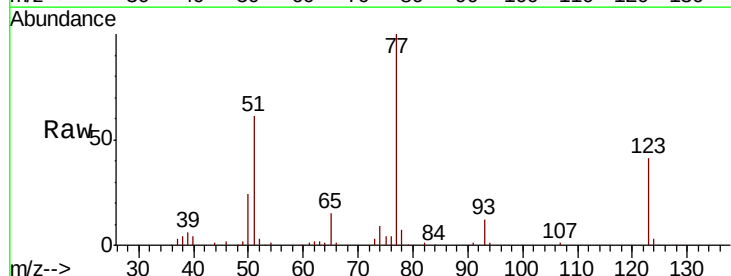


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

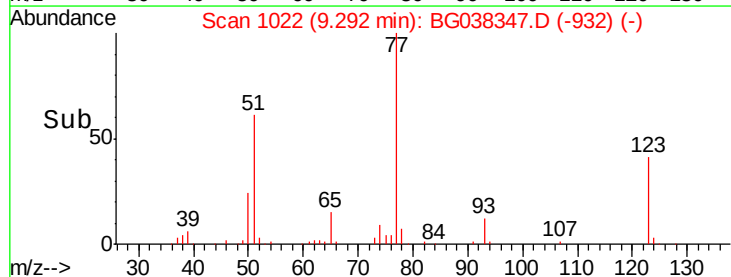
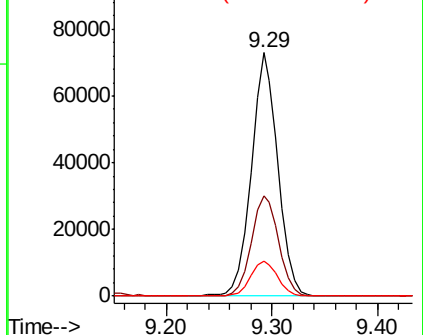


#24  
Nitrobenzene  
Concen: 23.724 ng  
RT: 9.29 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

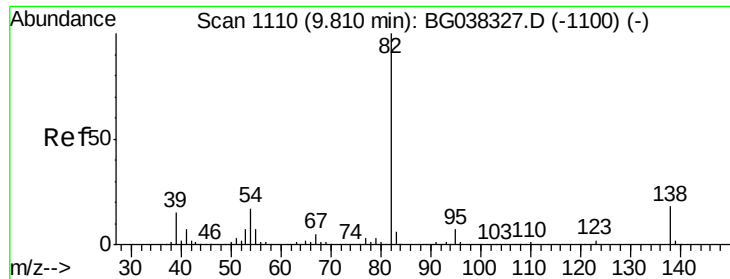
| Tgt Ion   | 77    | Resp  | 126634 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 41.4  | 33.6  | 50.4   |
| 65        | 14.6  | 11.3  | 16.9   |



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: 23.635 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

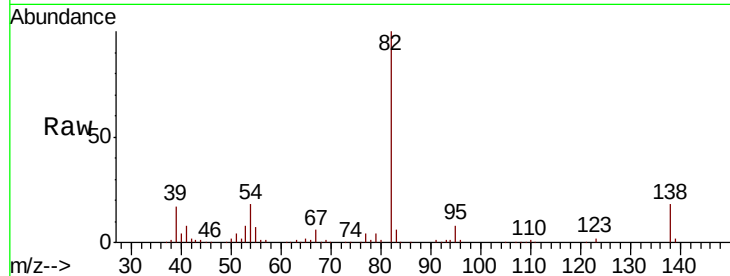
Tot Ion: 82 Resp: 218221

Ion Ratio Lower Upper

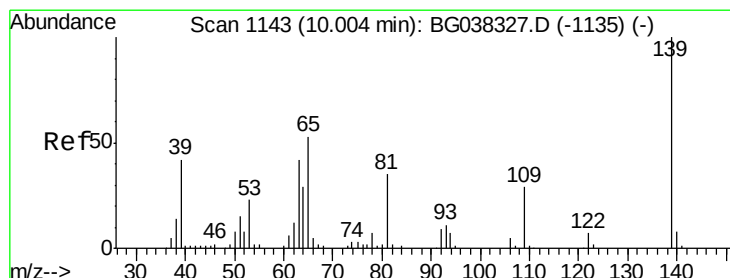
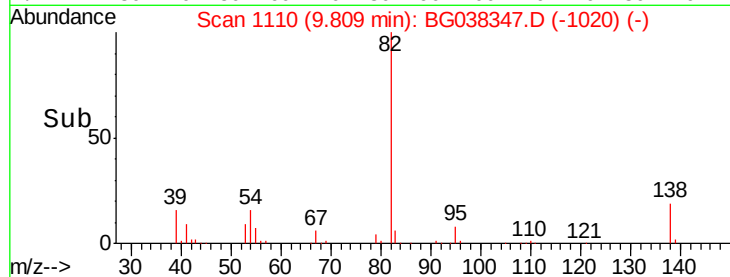
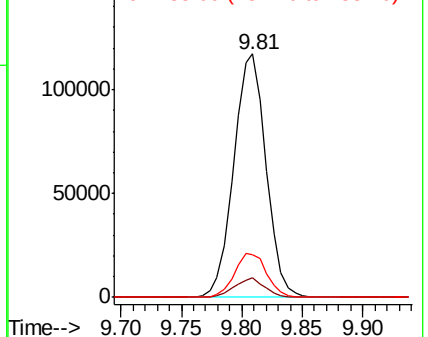
82 100

95 8.0 5.3 7.9#

138 17.7 13.3 19.9



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



#26

2-Nitrophenol

Concen: 25.732 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

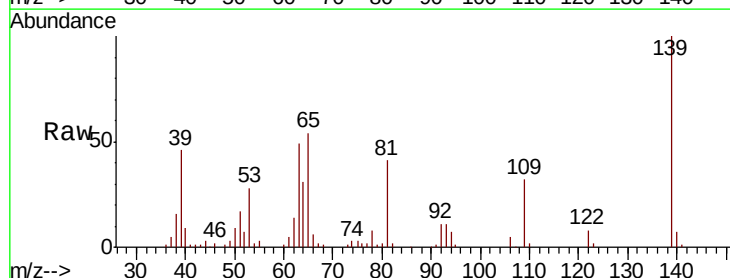
Tgt Ion: 139 Resp: 63643

Ion Ratio Lower Upper

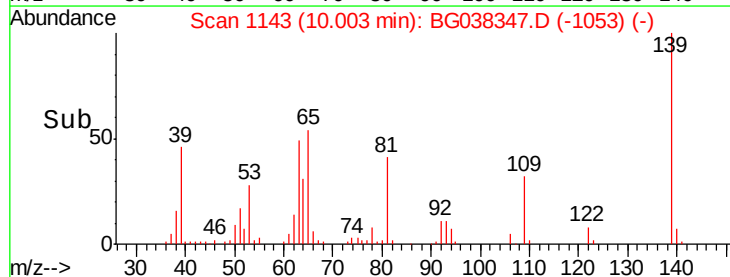
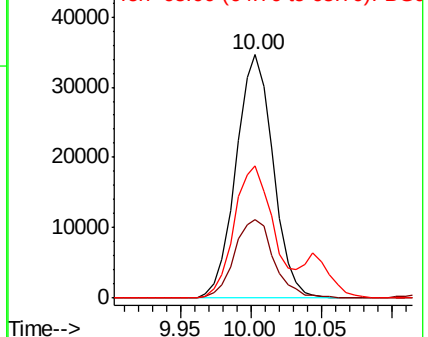
139 100

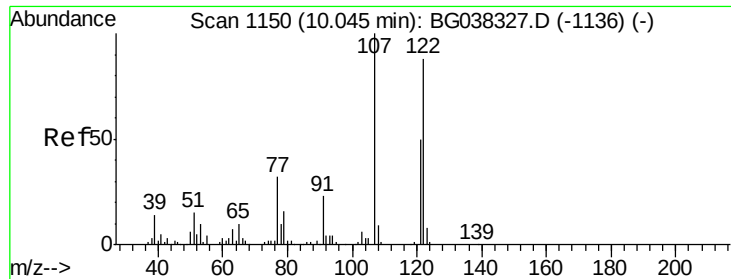
109 32.2 23.3 34.9

65 54.4 39.8 59.8



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

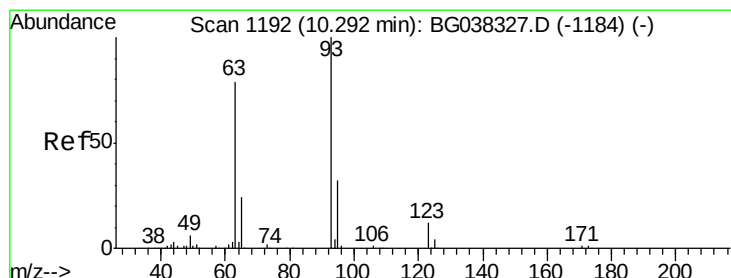
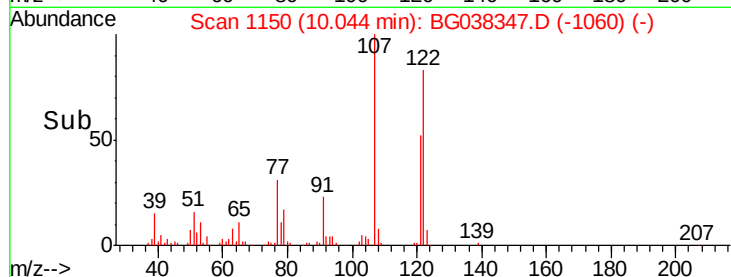
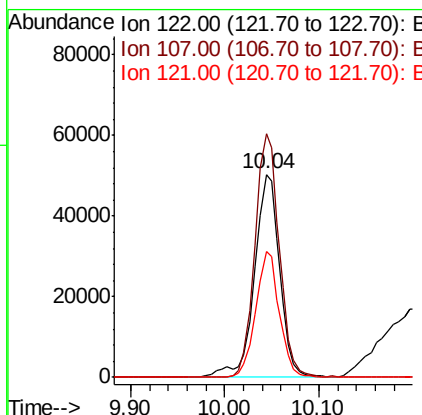
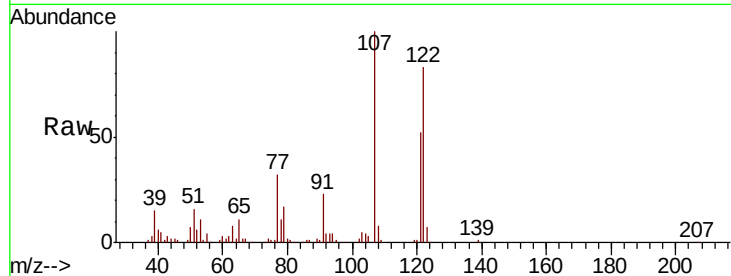




#27  
2,4-Dimethylphenol  
Concen: 26.441 ng  
RT: 10.04 min Scan# 1150  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

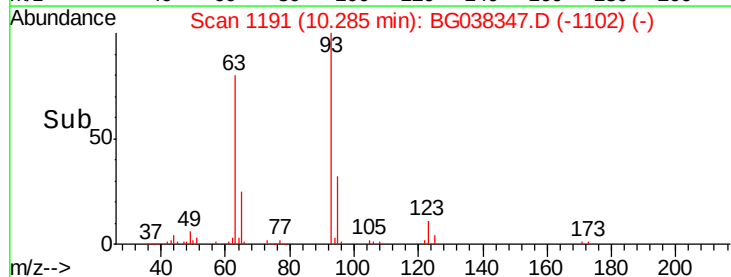
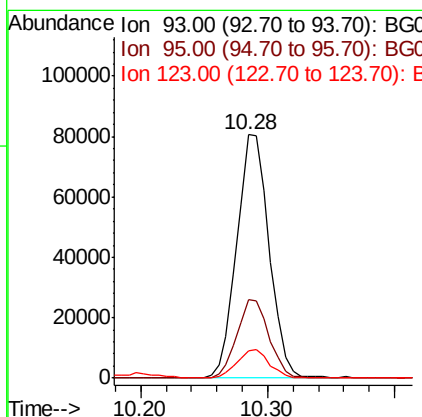
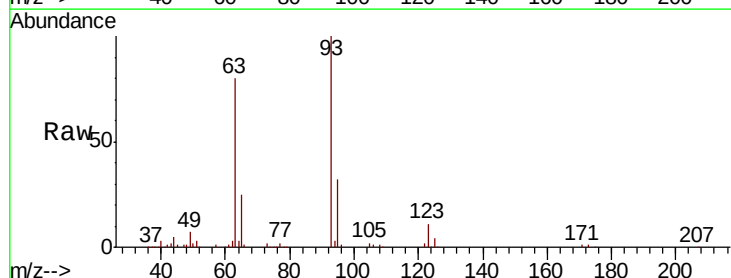
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

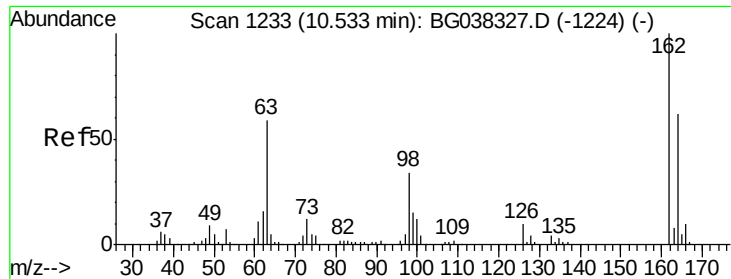
Tot Ion:122 Resp: 93930  
Ion Ratio Lower Upper  
122 100  
107 120.0 94.2 141.2  
121 61.9 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 26.946 ng  
RT: 10.28 min Scan# 1191  
Delta R.T. -0.01 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion: 93 Resp: 142624  
Ion Ratio Lower Upper  
93 100  
95 32.3 24.6 37.0  
123 11.4 9.1 13.7

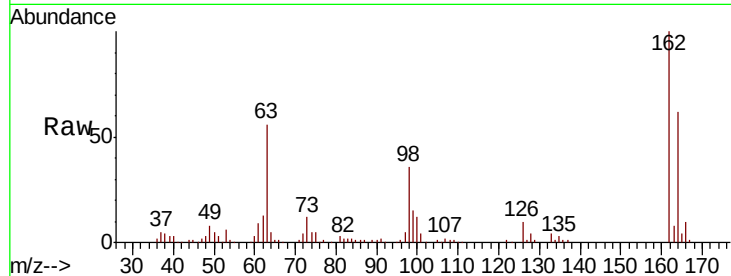




#29  
 2,4-Dichlorophenol  
 Concen: 41.632 ng  
 RT: 10.53 min Scan# 1233  
 Delta R.T. -0.00 min  
 Lab File: BG038347.D  
 Acq: 5 Dec 2018 5:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion   | 162   | Resp  | 168821 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.4  | 43.2  | 83.2   |
| 98        | 35.5  | 16.0  | 56.0   |

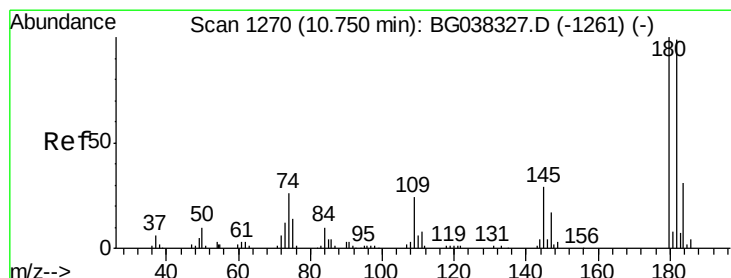
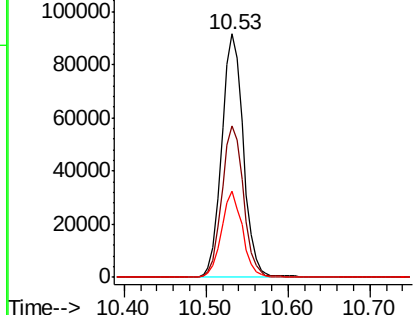
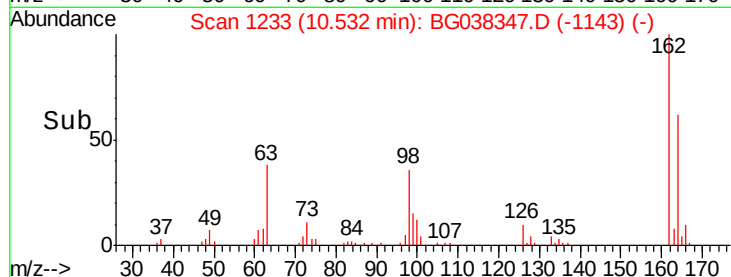


Abundance

Ion 162.00 (161.70 to 162.70): E

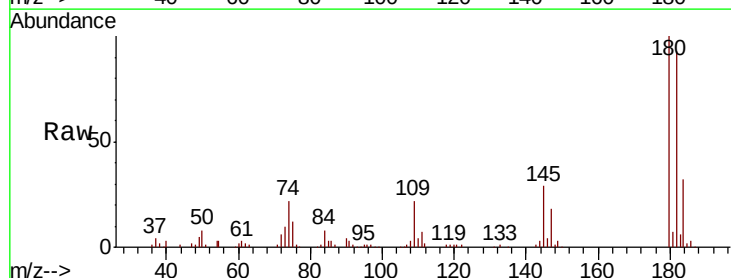
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30  
 1,2,4-Trichlorobenzene  
 Concen: 33.301 ng  
 RT: 10.75 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: BG038347.D  
 Acq: 5 Dec 2018 5:48

| Tgt Ion   | 180   | Resp  | 158523 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 92.6  | 77.7  | 116.5  |
| 145       | 28.9  | 23.3  | 34.9   |

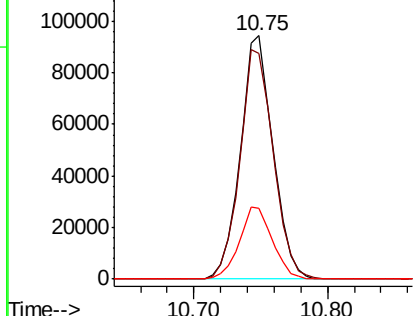
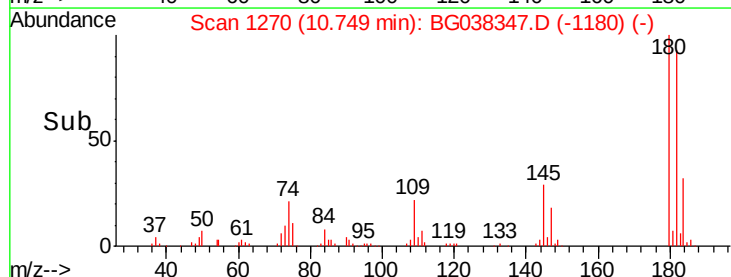


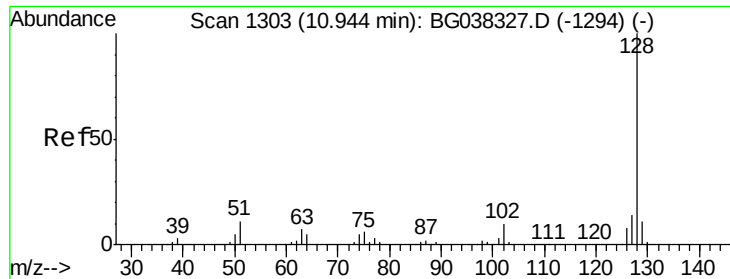
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

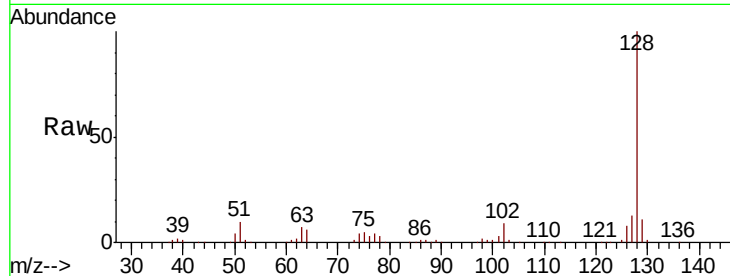




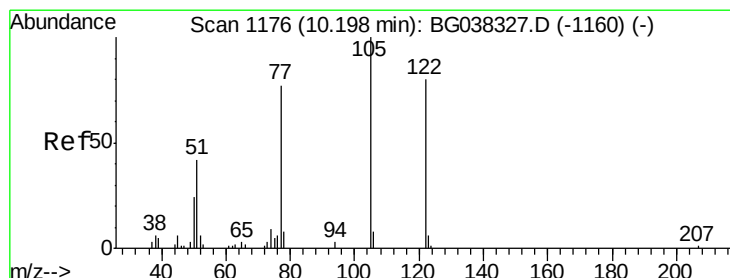
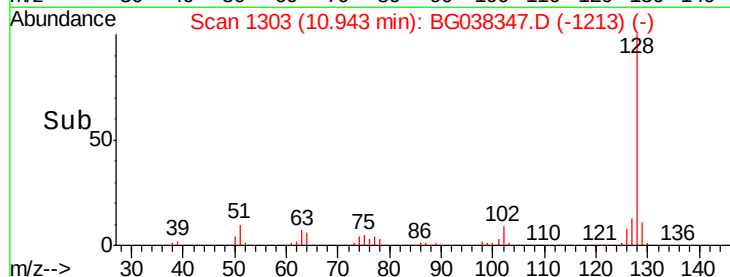
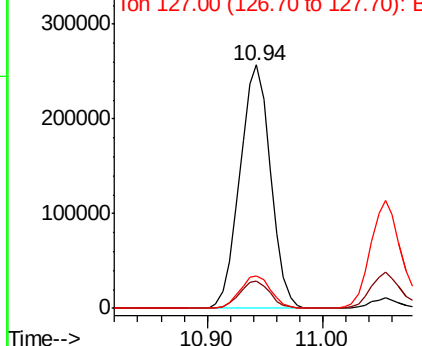
#31  
Naphthalene  
Concen: 38.080 ng  
RT: 10.94 min Scan# 1303  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:128 Resp: 474471  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.6  
127 13.5 11.1 16.7

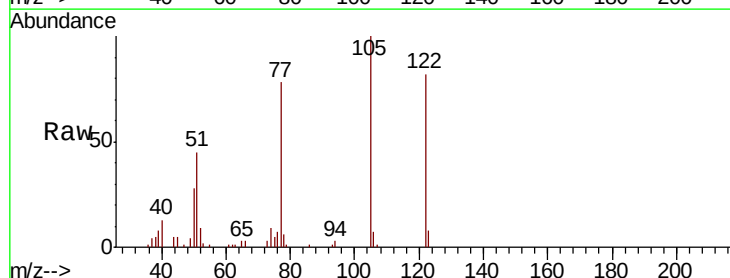


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

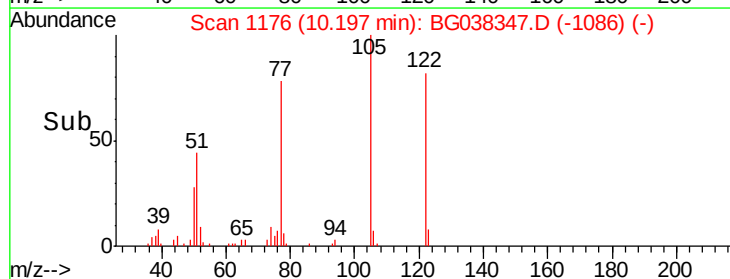
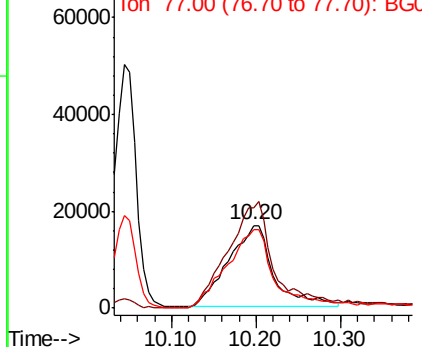


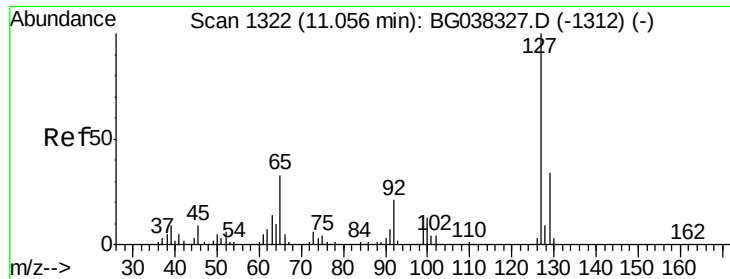
#32  
Benzoic acid  
Concen: 27.460 ng  
RT: 10.20 min Scan# 1176  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion:122 Resp: 63555  
Ion Ratio Lower Upper  
122 100  
105 122.1 106.7 146.7  
77 95.1 72.2 112.2



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

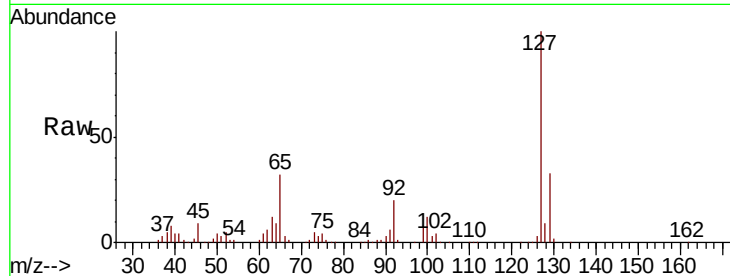




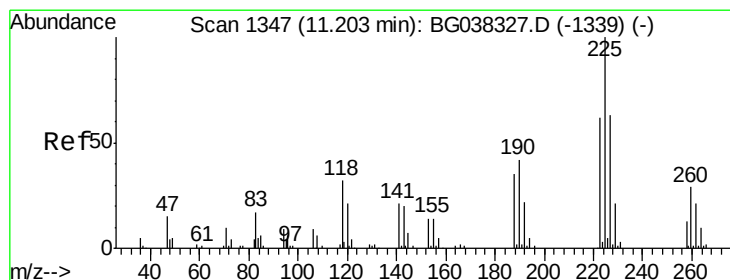
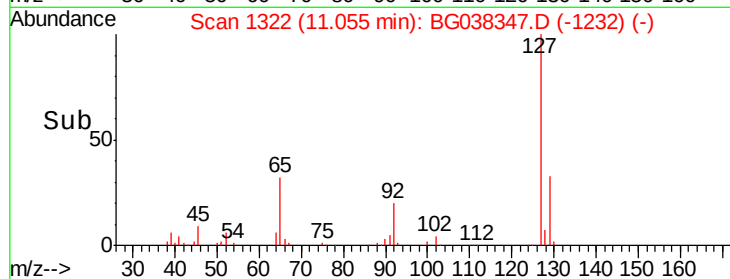
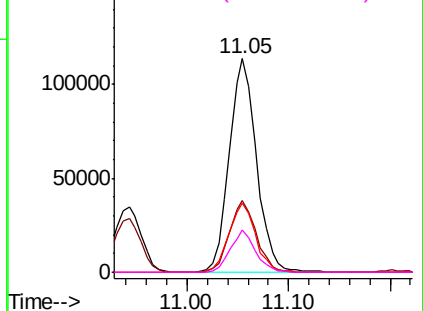
#33  
4-Chloroaniline  
Concen: 38.317 ng  
RT: 11.05 min Scan# 1322  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 211347 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.4  | 27.1  | 40.7   |
| 65       | 32.1  | 26.6  | 39.8   |
| 92       | 19.6  | 16.4  | 24.6   |

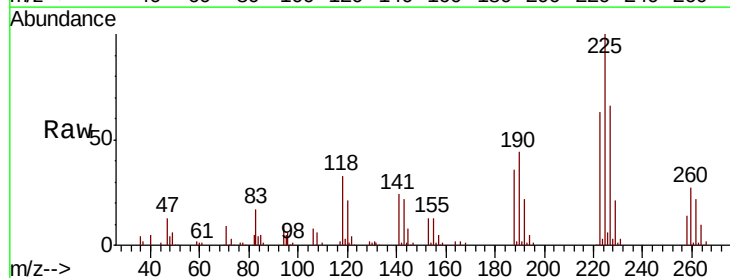


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

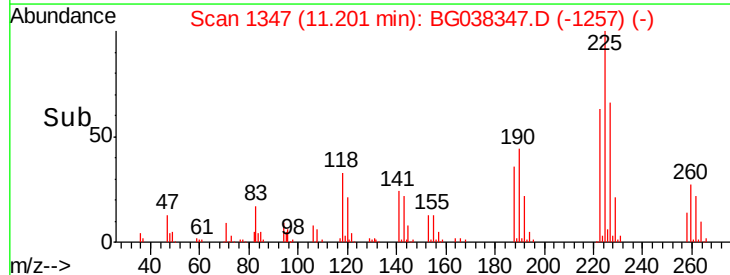
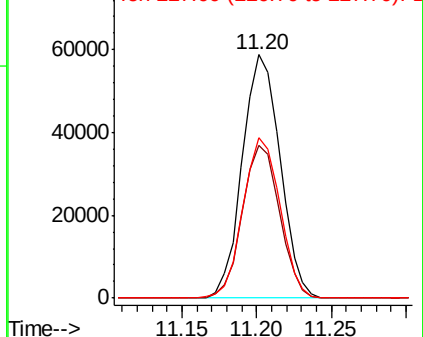


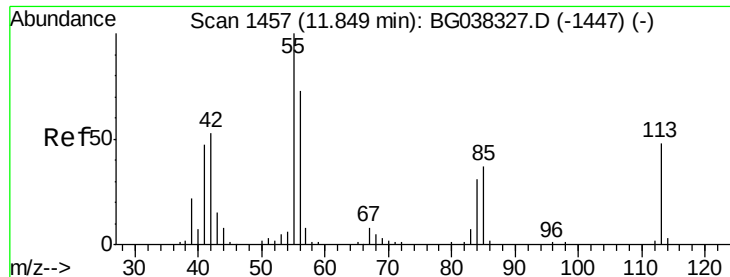
#34  
Hexachlorobutadiene  
Concen: 34.604 ng  
RT: 11.20 min Scan# 1347  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 103052 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 59.6  | 48.2  | 72.4   |
| 227      | 65.3  | 51.6  | 77.4   |



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

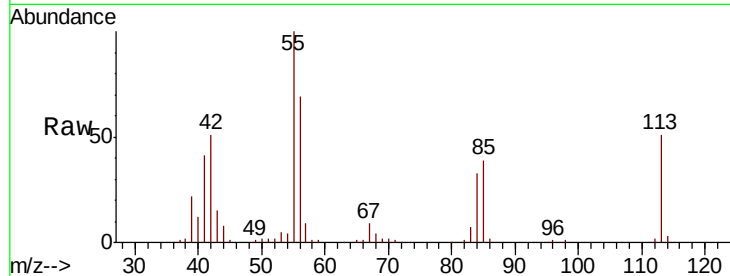




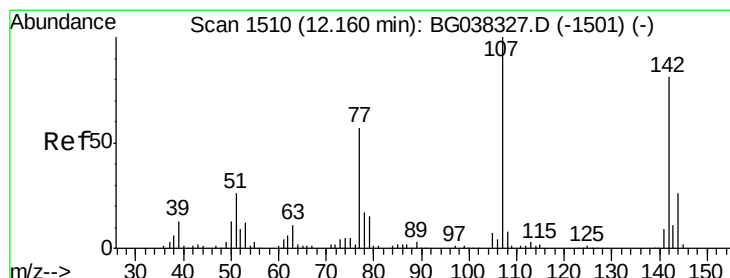
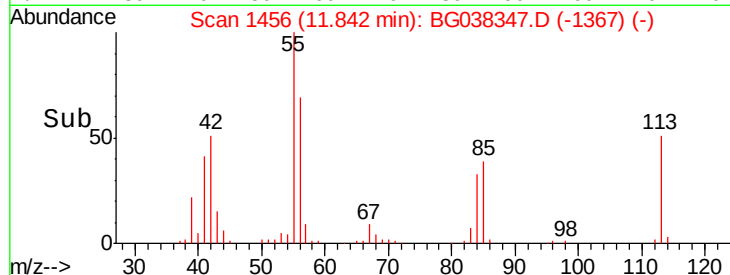
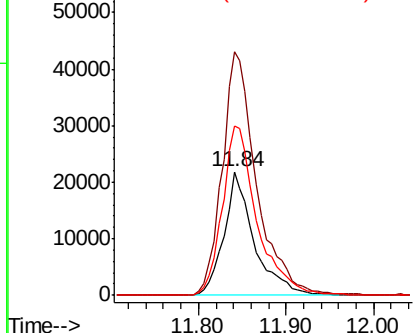
#35  
 Caprolactam  
 Concen: 30.808 ng  
 RT: 11.84 min Scan# 1456  
 Delta R.T. -0.01 min  
 Lab File: BG038347.D  
 Acq: 5 Dec 2018 5:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:113 Resp: 51663  
 Ion Ratio Lower Upper  
 113 100  
 55 197.1 176.6 216.6  
 56 137.0 128.3 168.3

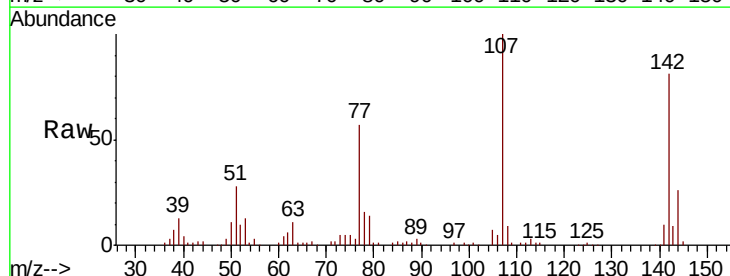


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BGO  
 Ion 56.00 (55.70 to 56.70): BGO

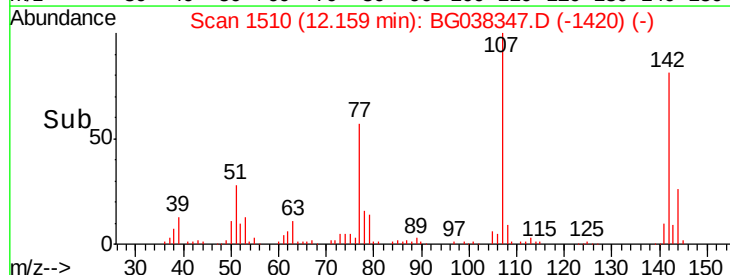
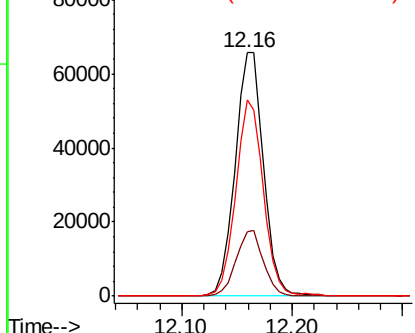


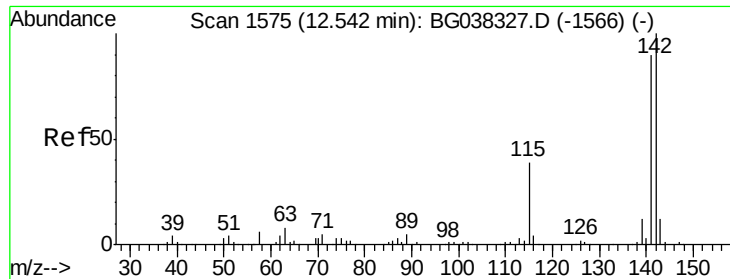
#36  
 4-Chloro-3-methylphenol  
 Concen: 26.409 ng  
 RT: 12.16 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: BG038347.D  
 Acq: 5 Dec 2018 5:48

Tgt Ion:107 Resp: 118985  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 20.7 31.1  
 142 80.8 64.4 96.6



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

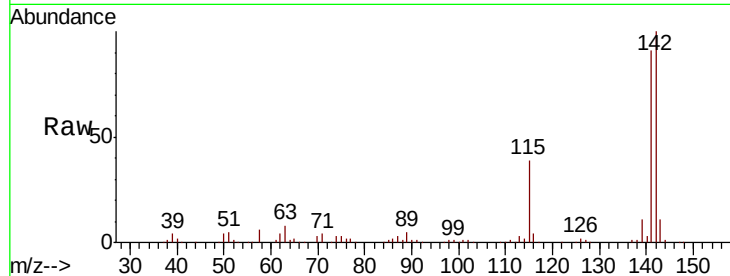




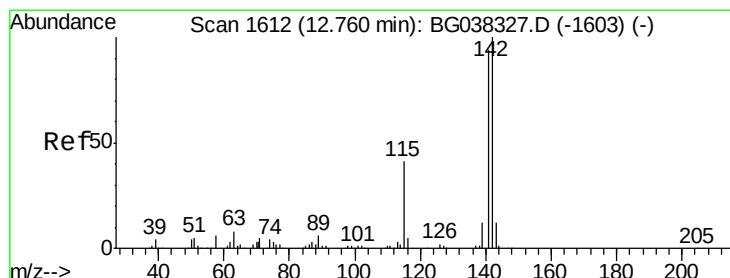
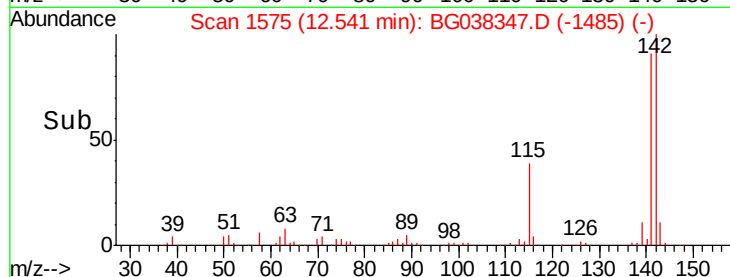
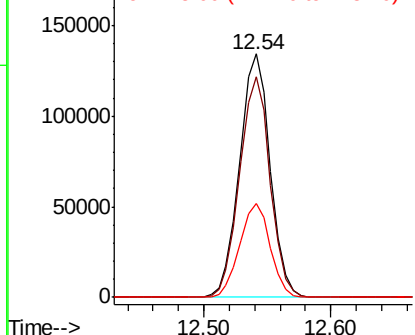
#37  
2-Methylnaphthalene  
Concen: 25.310 ng  
RT: 12.54 min Scan# 1575  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:142 Resp: 224580  
Ion Ratio Lower Upper  
142 100  
141 90.6 71.9 107.9  
115 38.5 27.8 41.8

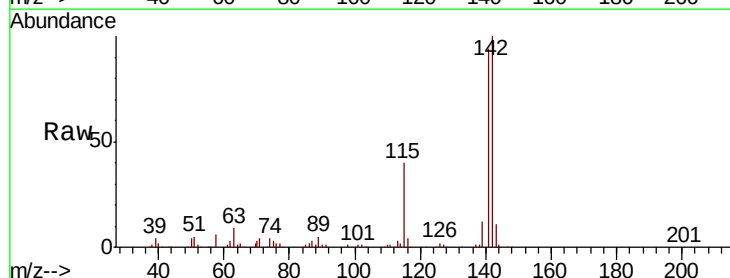


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

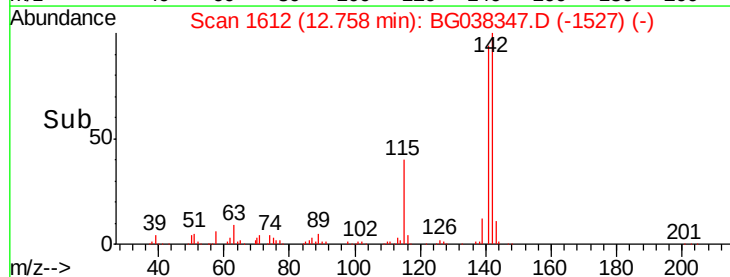
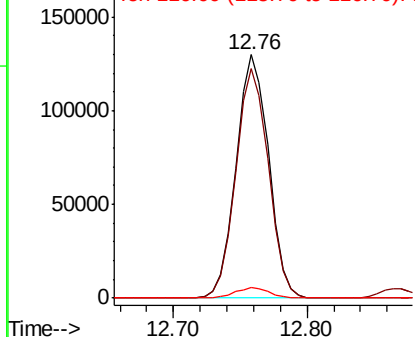


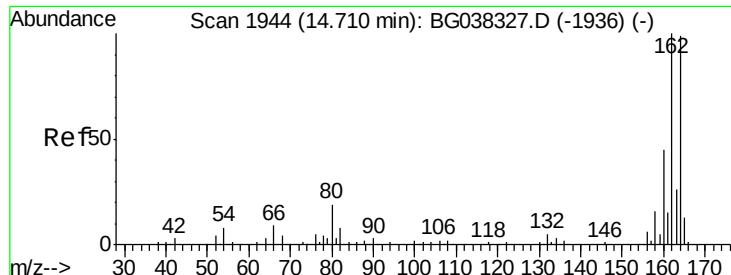
#38  
1-Methylnaphthalene  
Concen: 25.678 ng  
RT: 12.76 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion:142 Resp: 218224  
Ion Ratio Lower Upper  
142 100  
141 94.5 75.2 112.8  
116 4.3 3.3 4.9



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: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

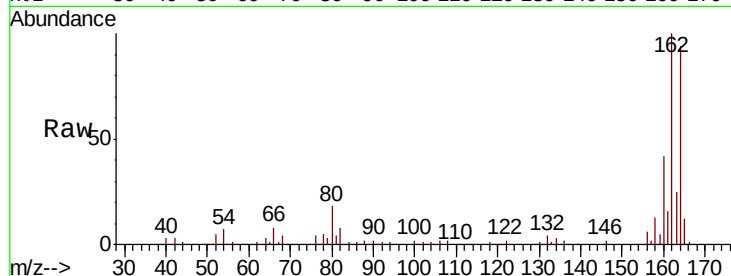
Tot Ion:164 Resp: 105307

Ion Ratio Lower Upper

164 100

162 106.8 81.3 121.9

160 45.0 36.3 54.5

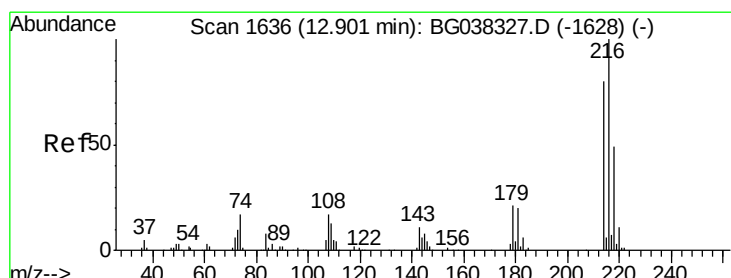
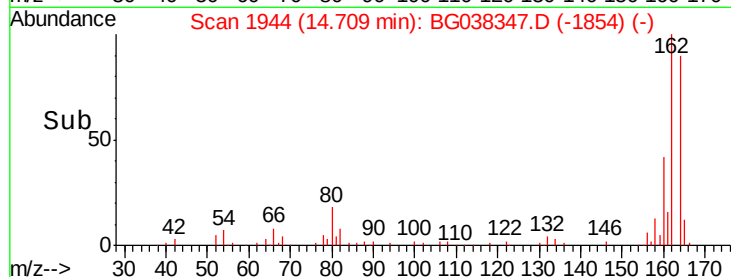
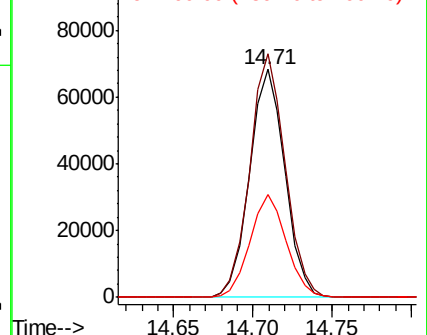


Abundance

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: 39.875 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Tgt Ion:216 Resp: 144491

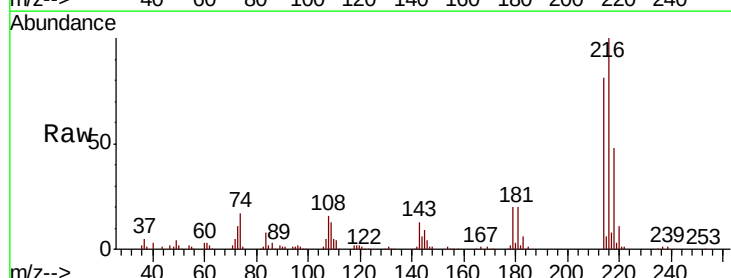
Ion Ratio Lower Upper

216 100

214 78.1 63.8 95.6

179 20.6 17.4 26.0

108 17.1 13.9 20.9



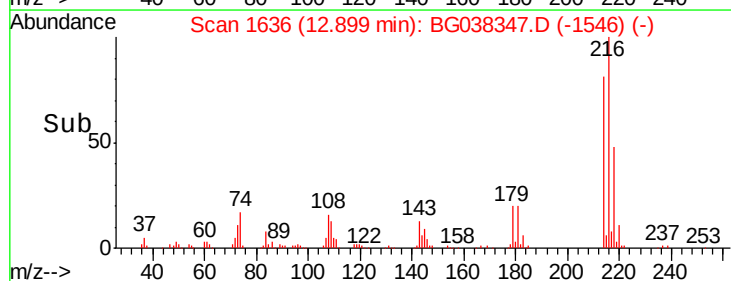
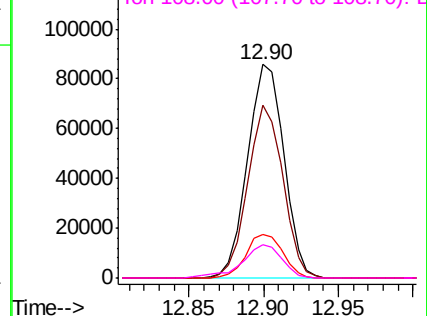
Abundance

Ion 216.00 (215.70 to 216.70): E

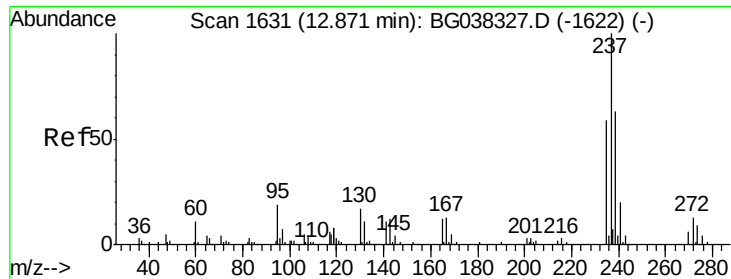
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



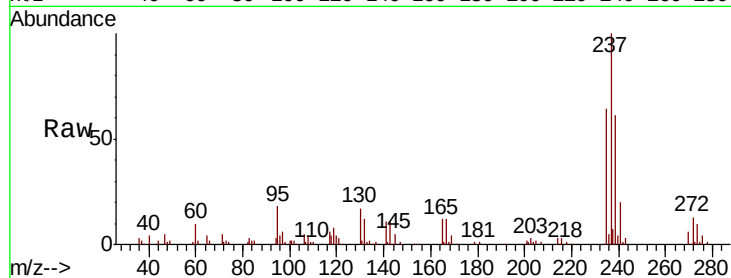




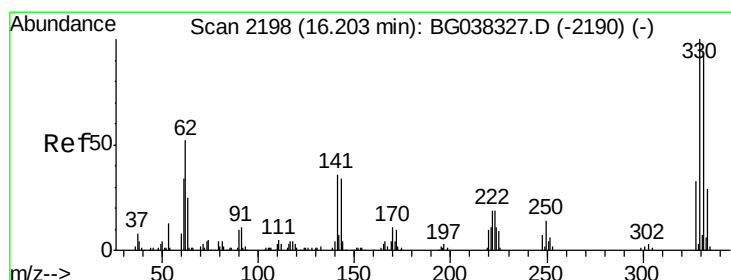
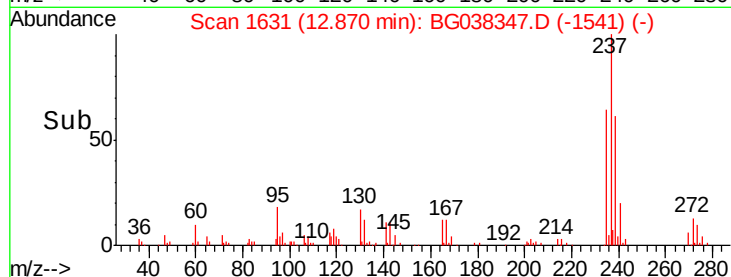
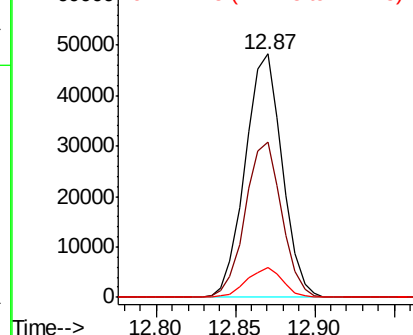
#41  
Hexachlorocyclopentadiene  
Concen: 39.272 ng  
RT: 12.87 min Scan# 1631  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion: 237 Resp: 78202  
Ion Ratio Lower Upper  
237 100  
235 63.7 42.5 82.5  
272 12.5 0.0 31.6

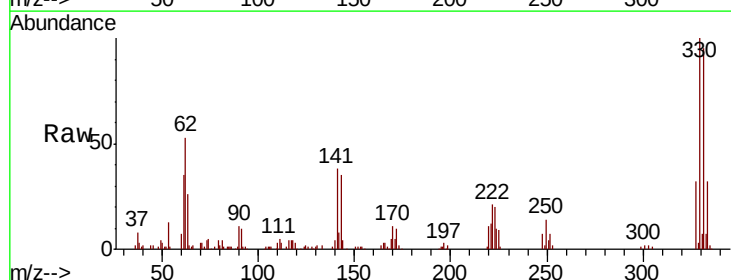


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

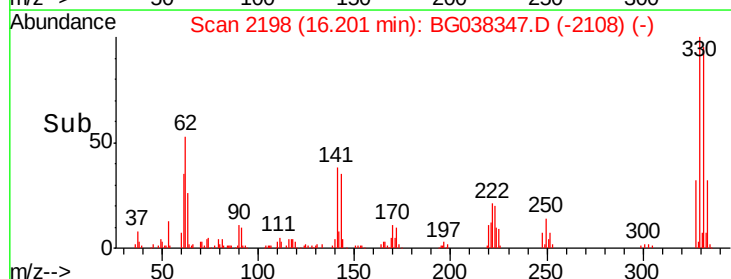
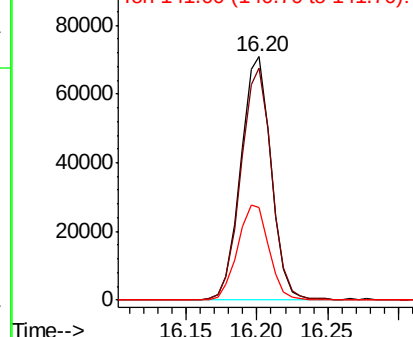


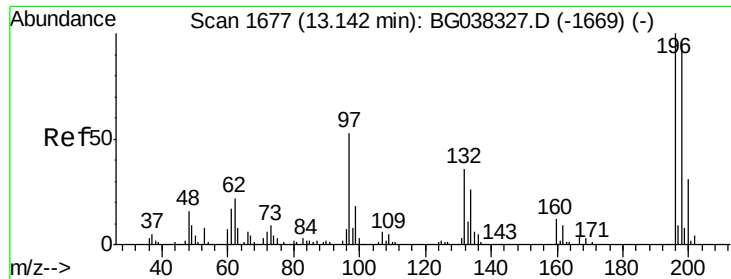
#42  
2,4,6-Tribromophenol  
Concen: 82.455 ng  
RT: 16.20 min Scan# 2198  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion: 330 Resp: 106595  
Ion Ratio Lower Upper  
330 100  
332 96.4 78.4 117.6  
141 39.9 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

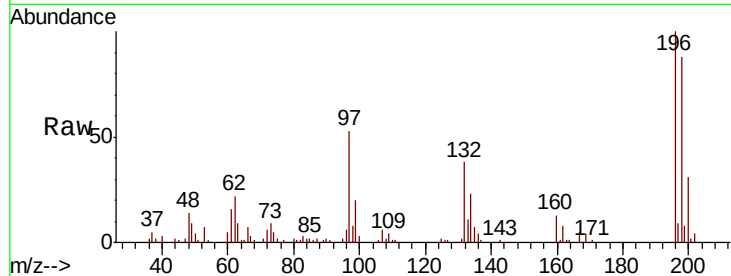




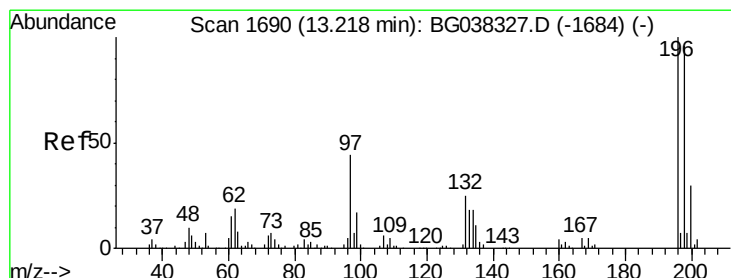
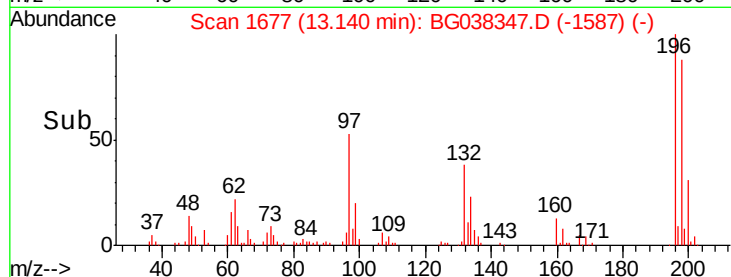
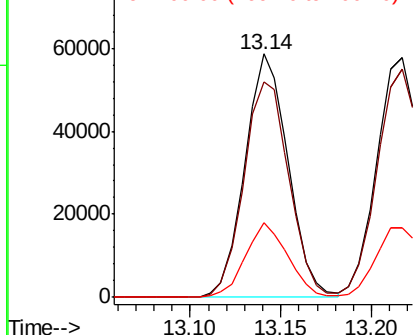
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.241 ng  
 RT: 13.14 min Scan# 1677  
 Delta R.T. -0.00 min  
 Lab File: BG038347.D  
 Acq: 5 Dec 2018 5:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:196 Resp: 96807  
 Ion Ratio Lower Upper  
 196 100  
 198 88.4 76.4 114.6  
 200 30.6 24.9 37.3

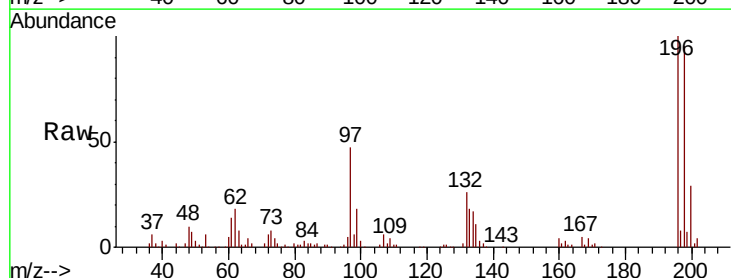


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

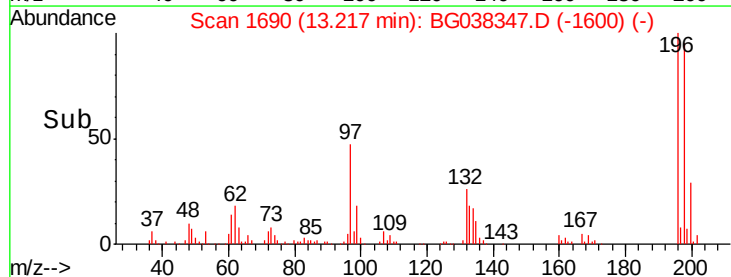
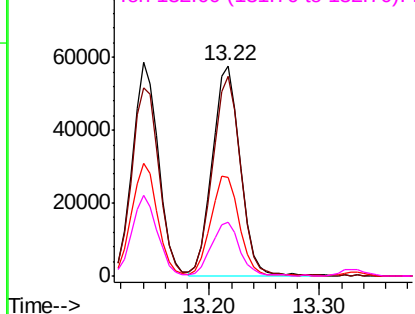


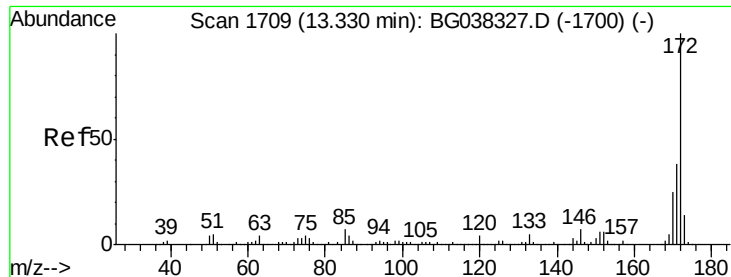
#44  
 2,4,5-Trichlorophenol  
 Concen: 40.723 ng  
 RT: 13.22 min Scan# 1690  
 Delta R.T. -0.00 min  
 Lab File: BG038347.D  
 Acq: 5 Dec 2018 5:48

Tgt Ion:196 Resp: 101266  
 Ion Ratio Lower Upper  
 196 100  
 198 95.0 74.2 111.2  
 97 47.1 34.1 51.1  
 132 25.6 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

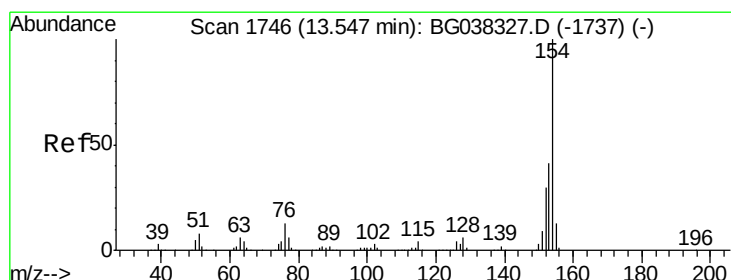
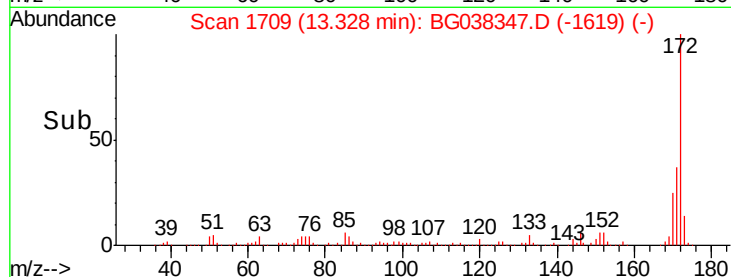
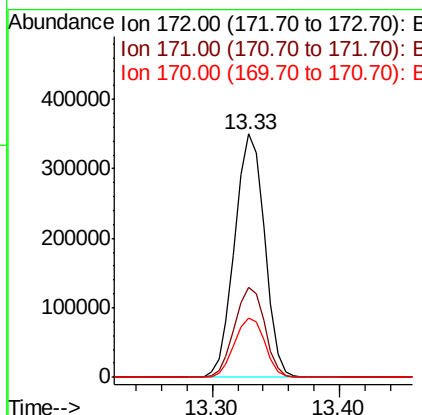
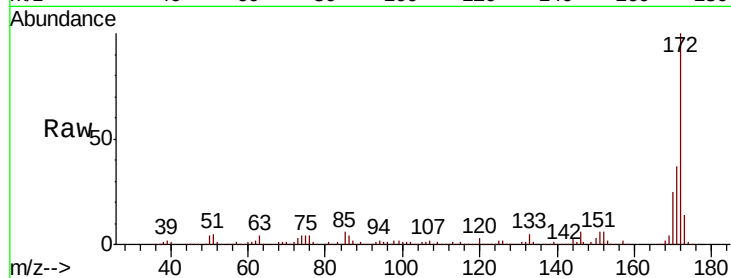




#45  
2-Fluorobiphenyl  
Concen: 77.408 ng  
RT: 13.33 min Scan# 1709  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

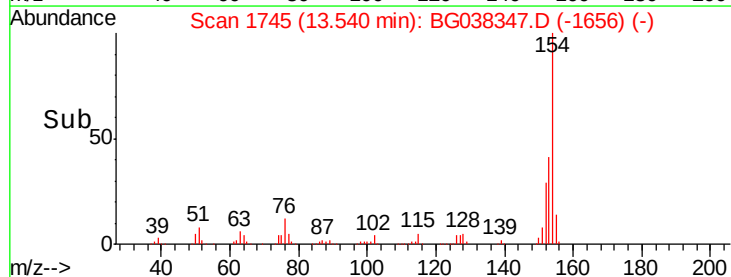
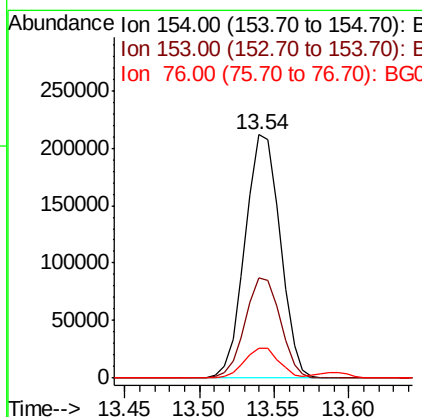
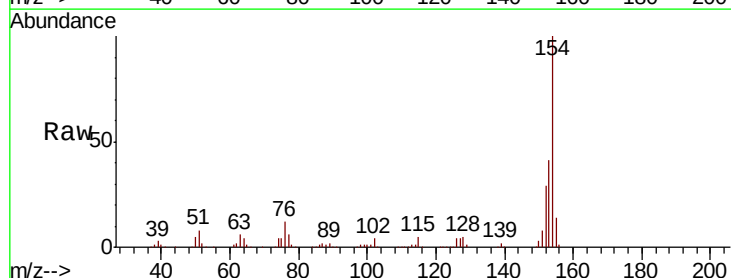
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

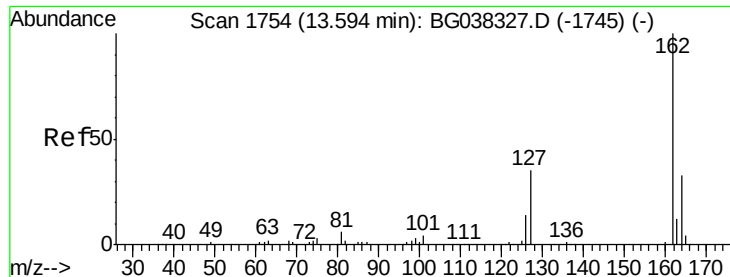
Tot Ion:172 Resp: 572077  
Ion Ratio Lower Upper  
172 100  
171 37.2 31.0 46.4  
170 24.5 20.2 30.2



#46  
1,1'-Biphenyl  
Concen: 38.750 ng  
RT: 13.54 min Scan# 1745  
Delta R.T. -0.01 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion:154 Resp: 344935  
Ion Ratio Lower Upper  
154 100  
153 41.0 22.1 62.1  
76 12.2 0.0 33.2

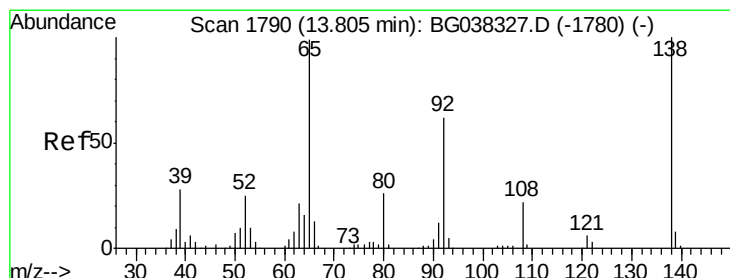
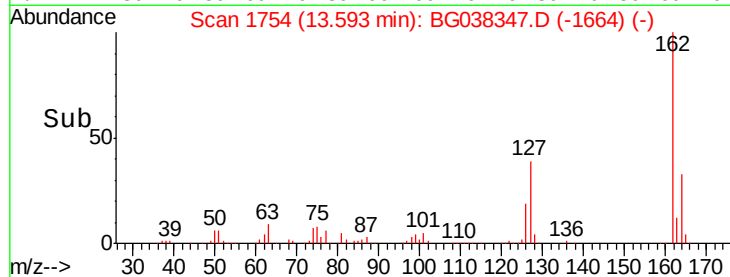
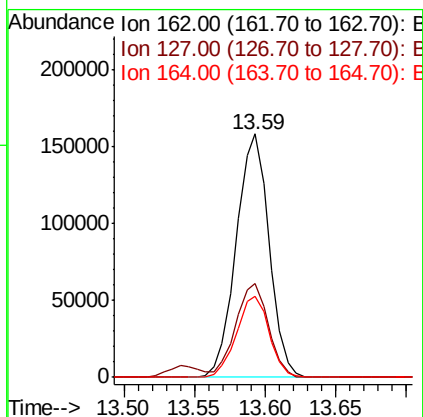
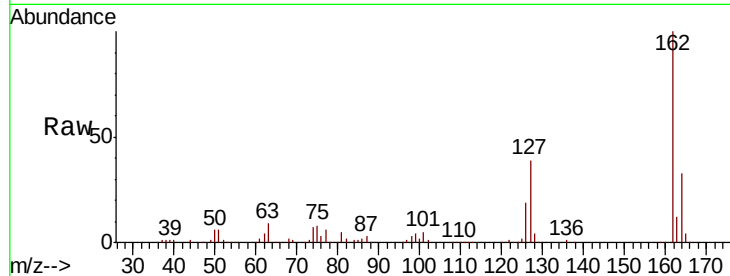




#47  
 2-Chloronaphthalene  
 Concen: 38.229 ng  
 RT: 13.59 min Scan# 1754  
 Delta R.T. -0.00 min  
 Lab File: BG038347.D  
 Acq: 5 Dec 2018 5:48

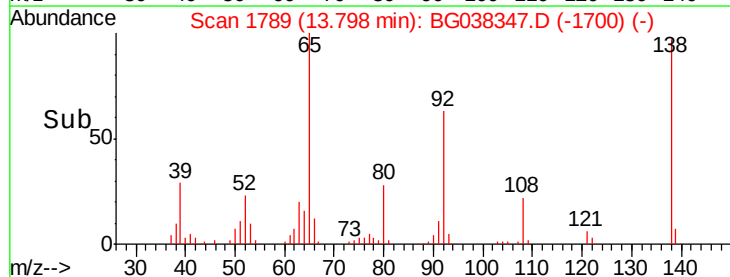
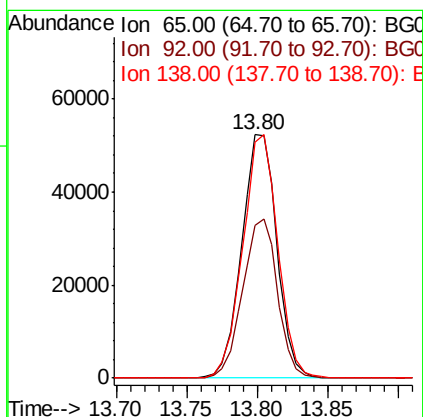
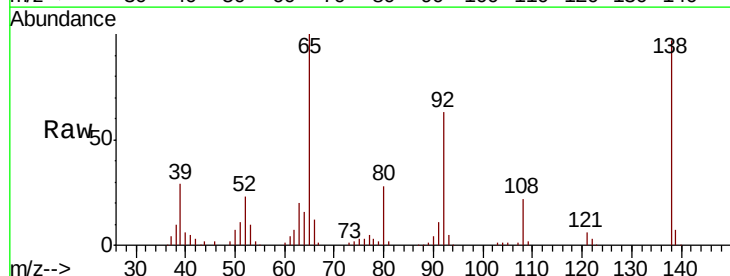
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

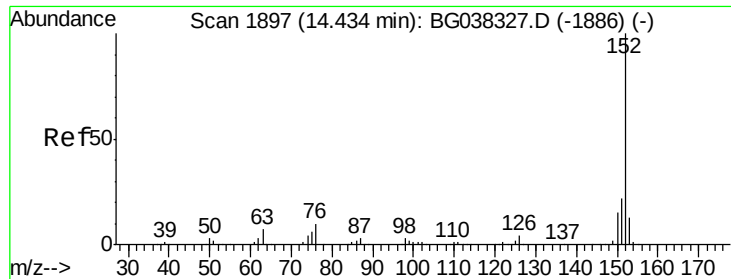
Tot Ion:162 Resp: 256784  
 Ion Ratio Lower Upper  
 162 100  
 127 38.8 30.5 45.7  
 164 33.2 26.4 39.6



#48  
 2-Nitroaniline  
 Concen: 40.521 ng  
 RT: 13.80 min Scan# 1789  
 Delta R.T. -0.01 min  
 Lab File: BG038347.D  
 Acq: 5 Dec 2018 5:48

Tgt Ion: 65 Resp: 91315  
 Ion Ratio Lower Upper  
 65 100  
 92 62.7 53.2 79.8  
 138 97.0 79.3 118.9





#49

Acenaphthylene

Concen: 39.412 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

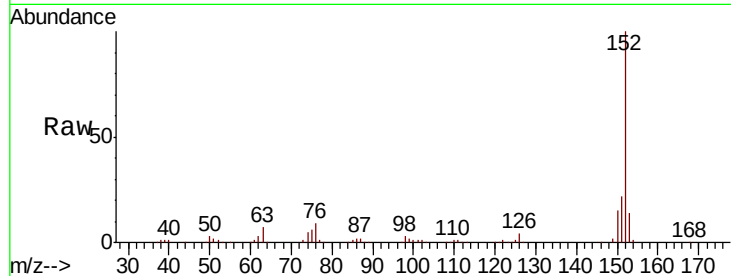
Tot Ion:152 Resp: 398704

Ion Ratio Lower Upper

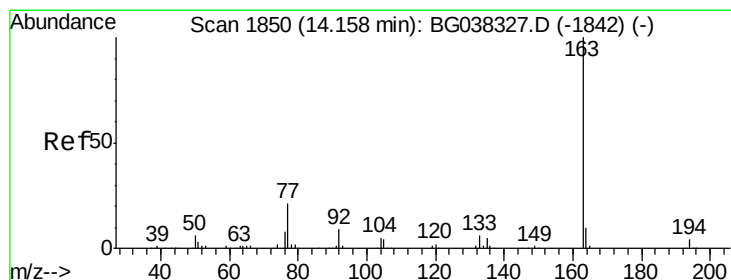
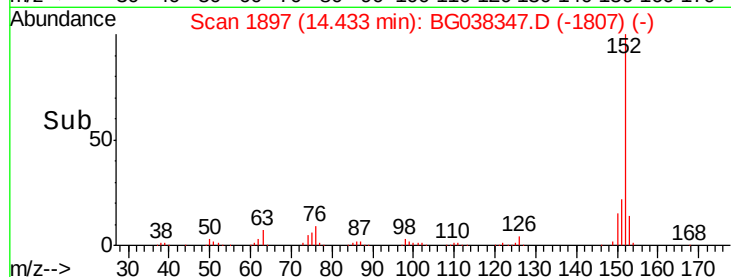
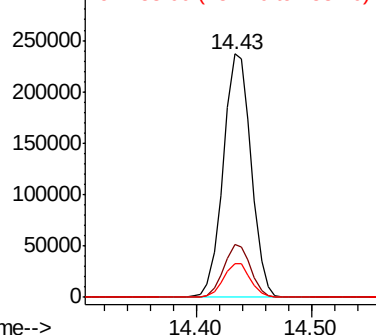
152 100

151 21.5 17.1 25.7

153 13.7 11.1 16.7



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: 39.646 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

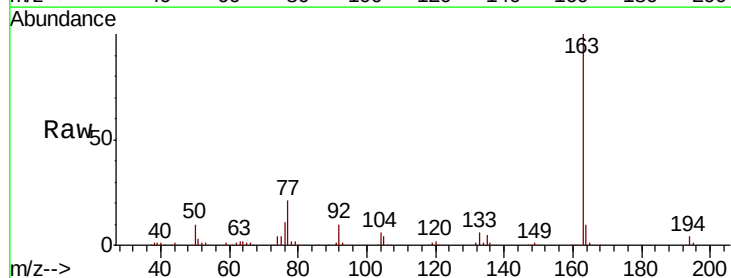
Tgt Ion:163 Resp: 334874

Ion Ratio Lower Upper

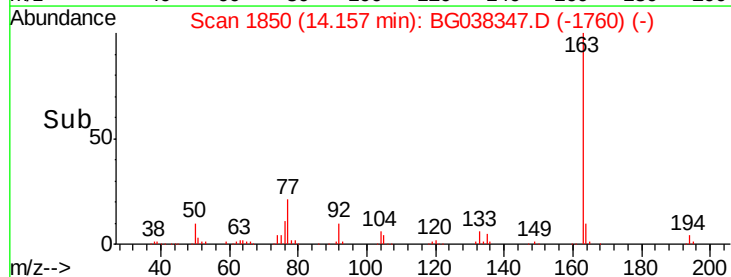
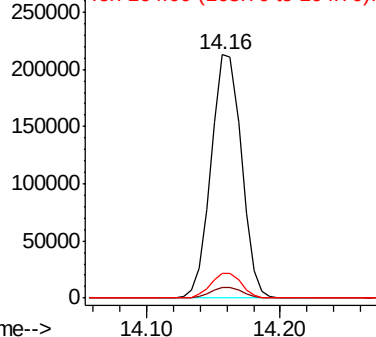
163 100

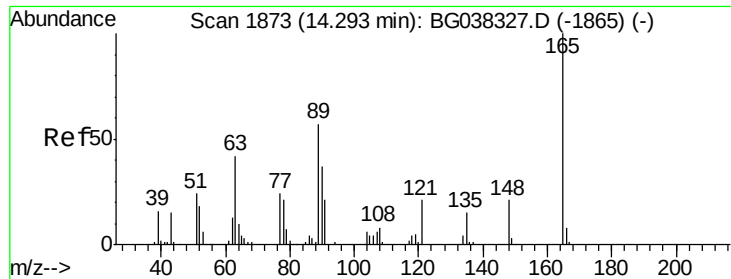
194 4.5 3.5 5.3

164 10.4 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.630 ng

RT: 14.29 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

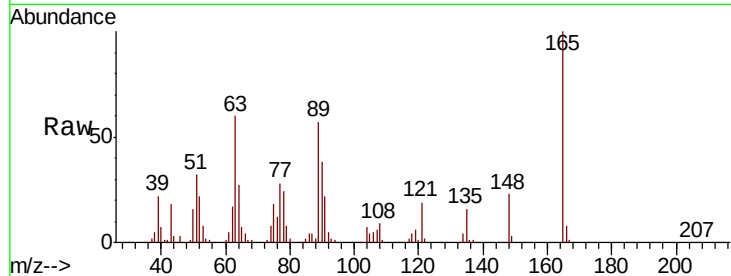
Tot Ion:165 Resp: 76463

Ion Ratio Lower Upper

165 100

63 59.9 43.4 65.2

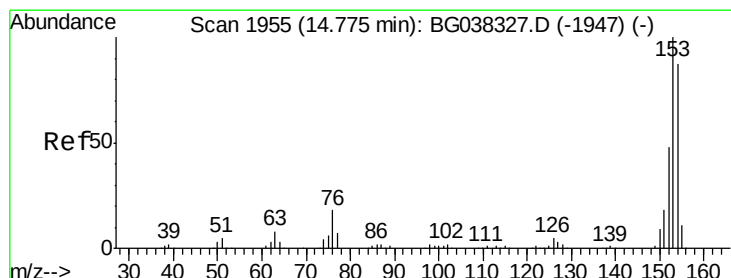
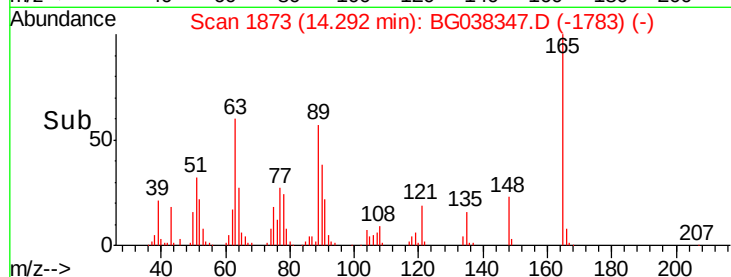
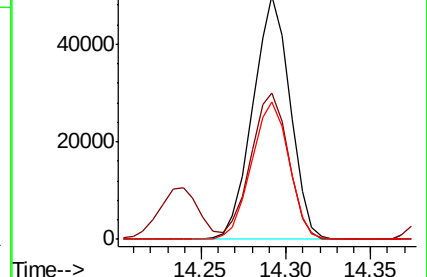
89 56.6 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 38.743 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

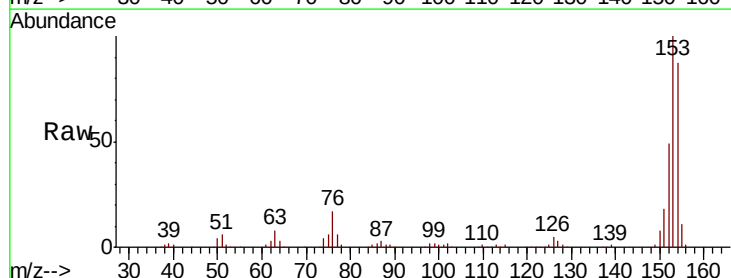
Tgt Ion:154 Resp: 238938

Ion Ratio Lower Upper

154 100

153 115.2 93.4 140.0

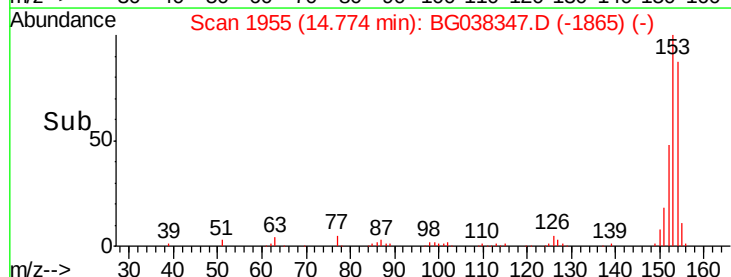
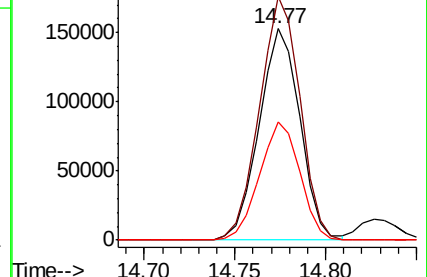
152 56.0 44.7 67.1

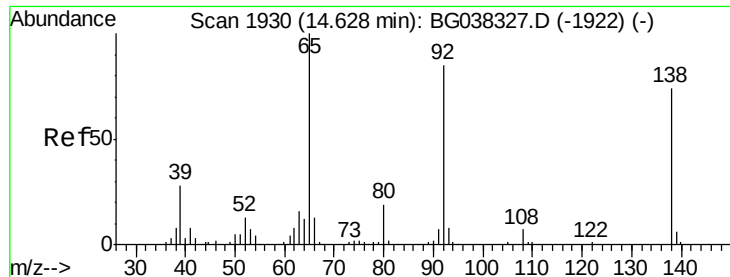


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 38.635 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

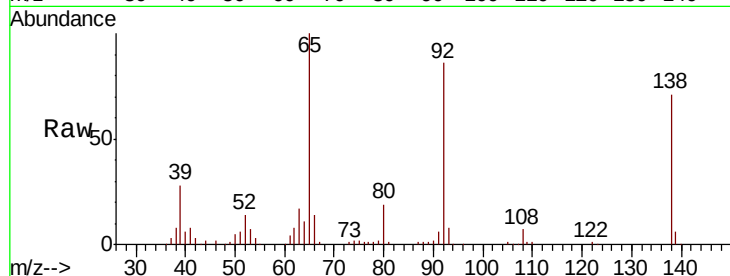
Tot Ion:138 Resp: 80282

Ion Ratio Lower Upper

138 100

108 9.8 11.0 16.6#

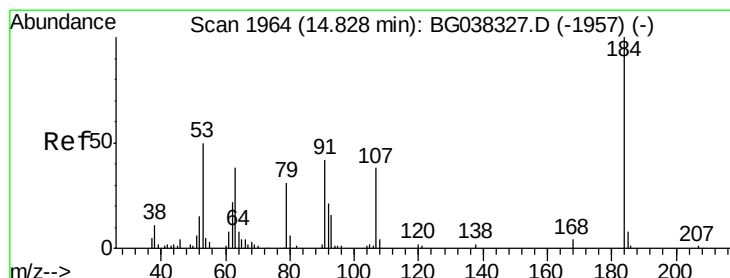
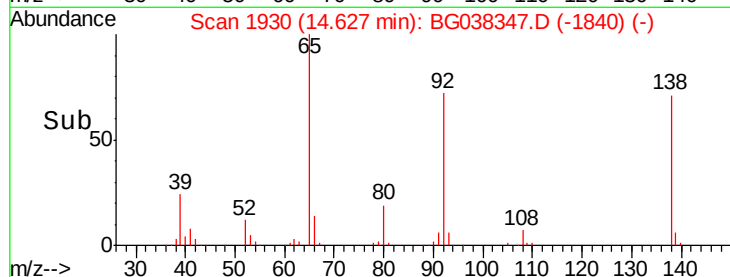
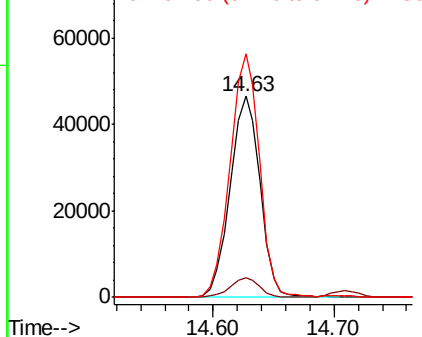
92 121.1 95.2 142.8



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): E



#54

2,4-Dinitrophenol

Concen: 37.706 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

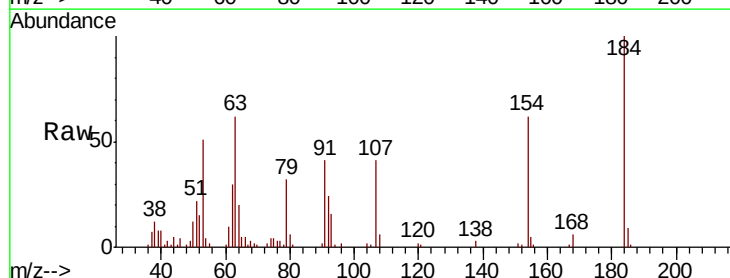
Tgt Ion:184 Resp: 39881

Ion Ratio Lower Upper

184 100

63 61.6 42.6 63.8

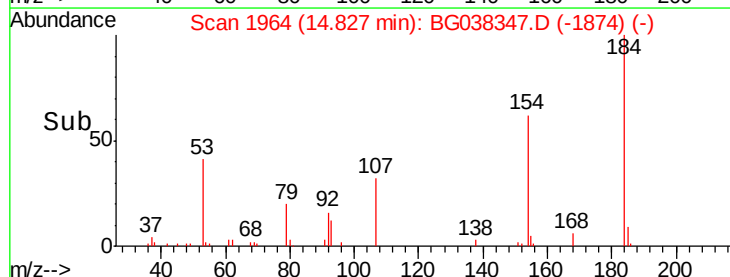
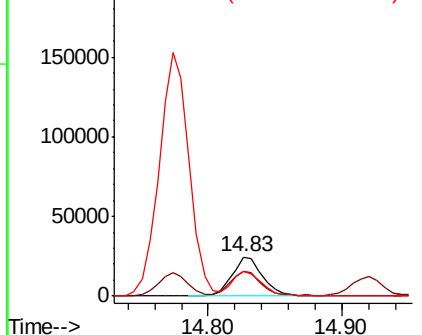
154 61.5 41.8 62.6

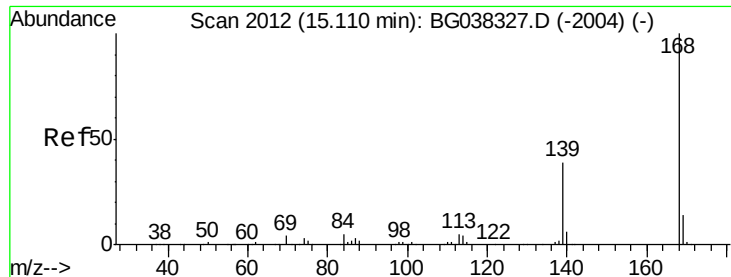


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

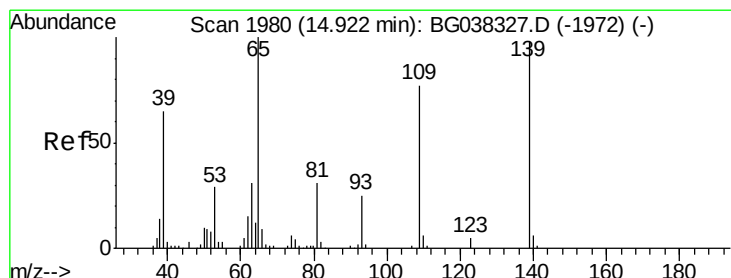
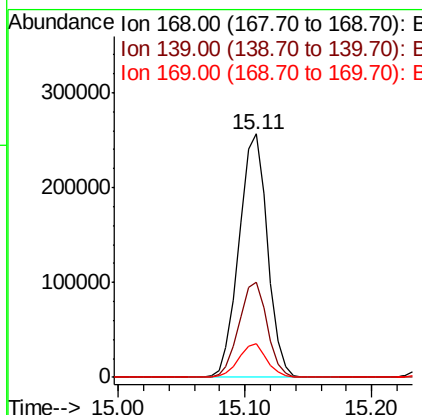
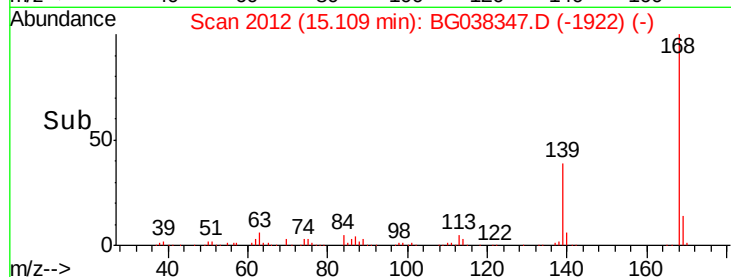
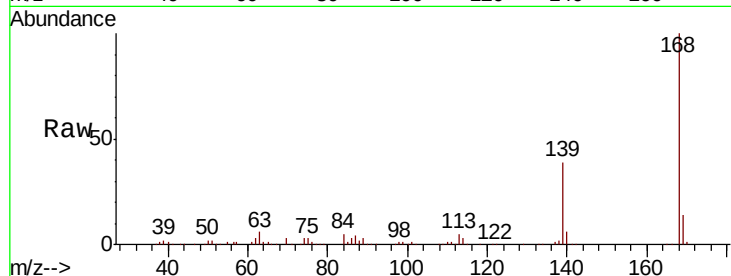




#55  
Dibenzenofuran  
Concen: 38.979 ng  
RT: 15.11 min Scan# 2012  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

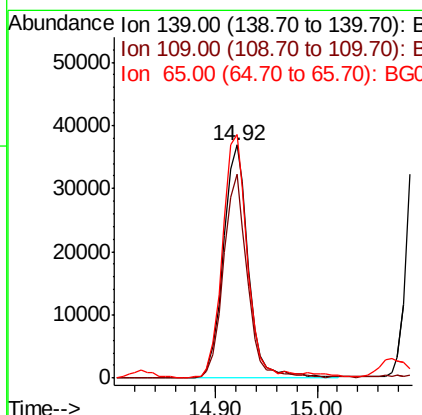
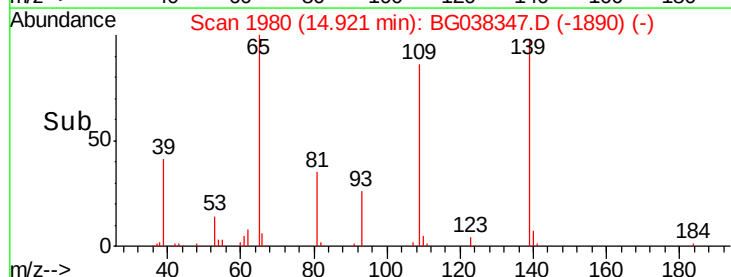
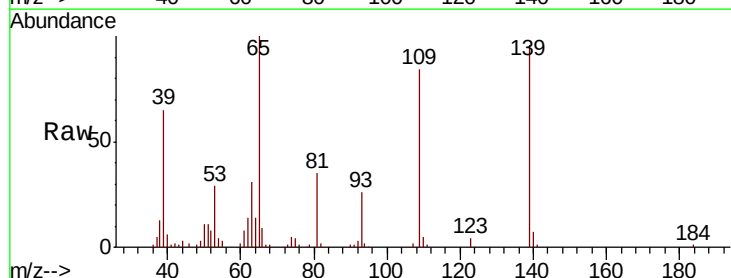
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:168 Resp: 397417  
Ion Ratio Lower Upper  
168 100  
139 39.0 29.4 44.0  
169 13.6 11.0 16.6

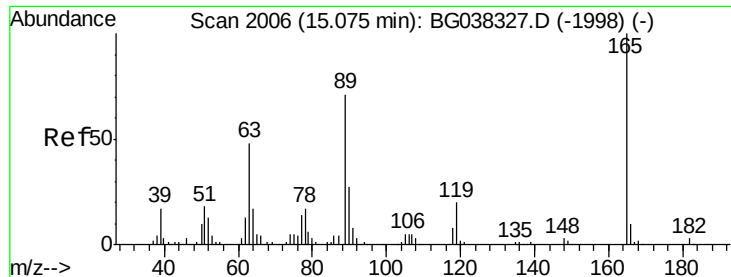


#56  
4-Nitrophenol  
Concen: 38.378 ng  
RT: 14.92 min Scan# 1980  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion:139 Resp: 62997  
Ion Ratio Lower Upper  
139 100  
109 87.6 49.5 89.5  
65 104.6 76.8 116.8



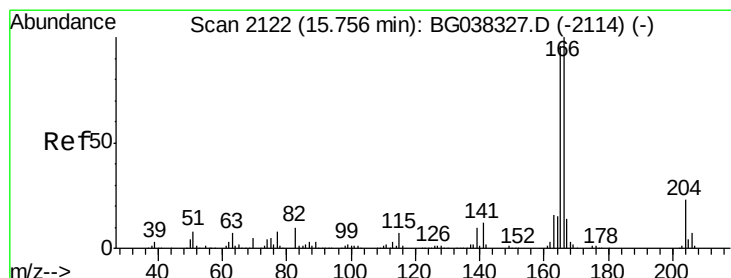
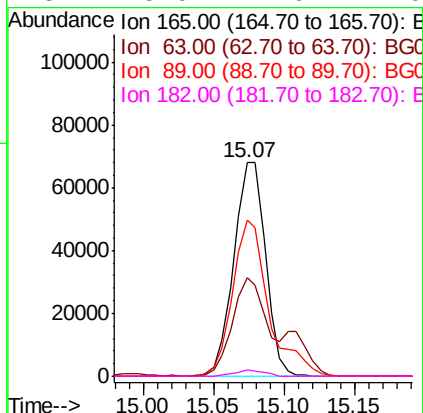
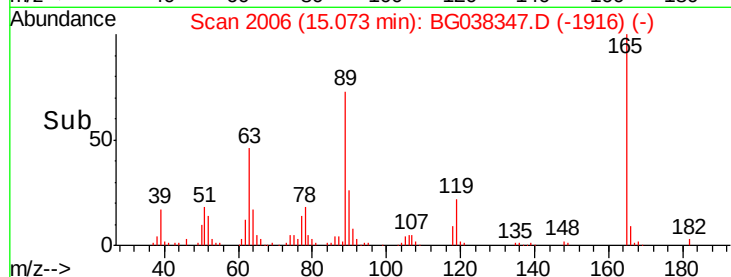
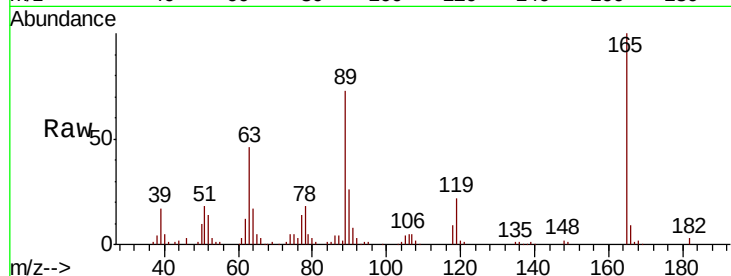




#57  
2,4-Dinitrotoluene  
Concen: 40.147 ng  
RT: 15.07 min Scan# 2006  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

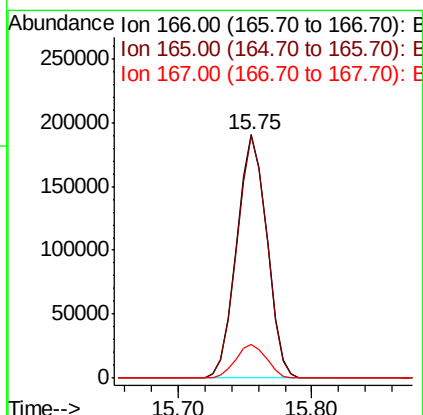
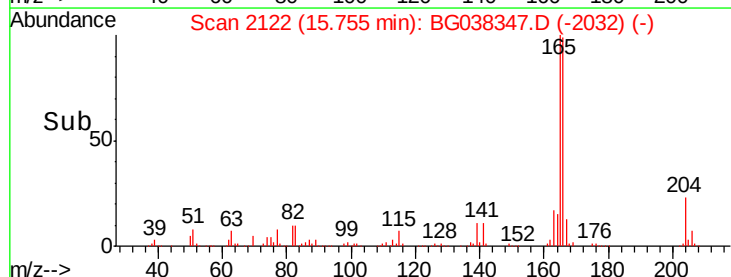
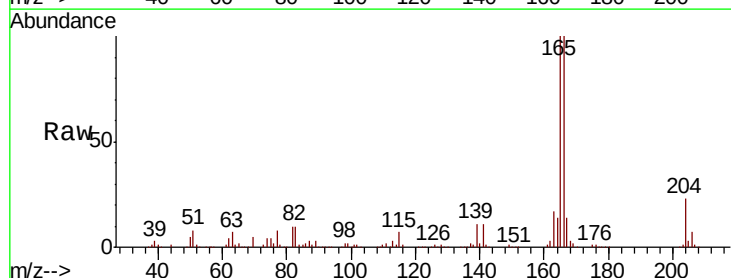
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

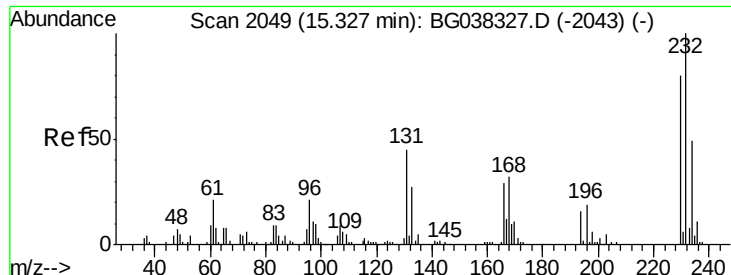
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 106837    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 46.1  | 33.4 50.0 |
| 89          | 73.3  | 57.2 85.8 |
| 182         | 3.0   | 2.6 4.0   |



#58  
Fluorene  
Concen: 39.884 ng  
RT: 15.75 min Scan# 2122  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 299591     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 99.7  | 79.0 118.6 |
| 167         | 13.7  | 11.3 16.9  |

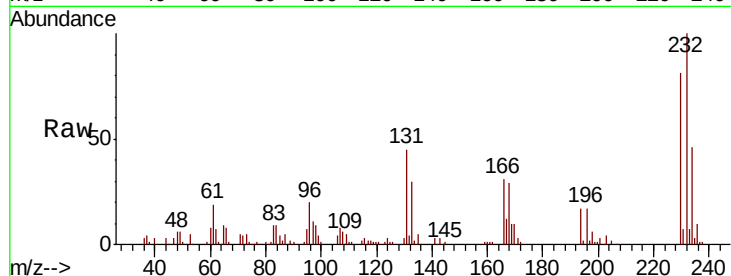




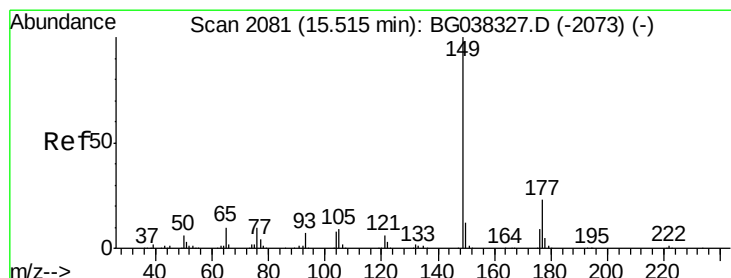
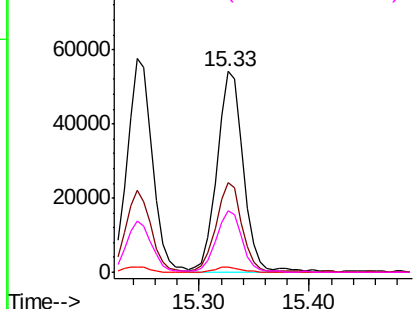
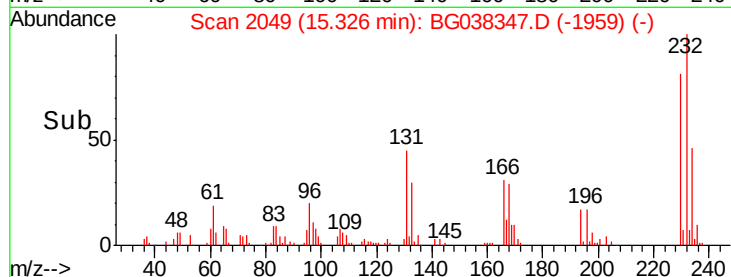
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.707 ng  
RT: 15.33 min Scan# 2049  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:232 Resp: 90077  
Ion Ratio Lower Upper  
232 100  
131 44.0 33.7 50.5  
130 2.4 2.1 3.1  
166 29.9 24.6 36.8

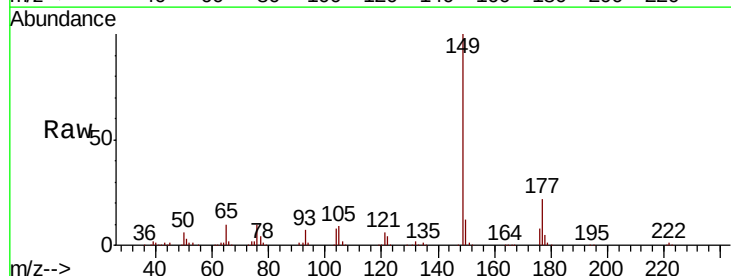


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

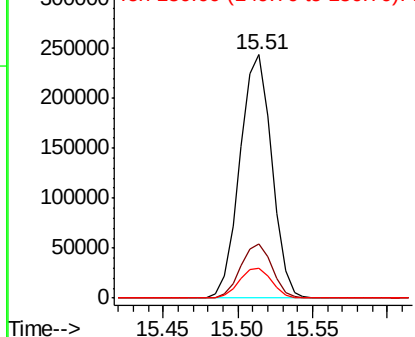
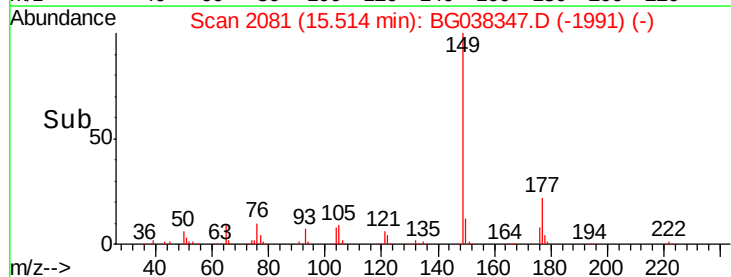


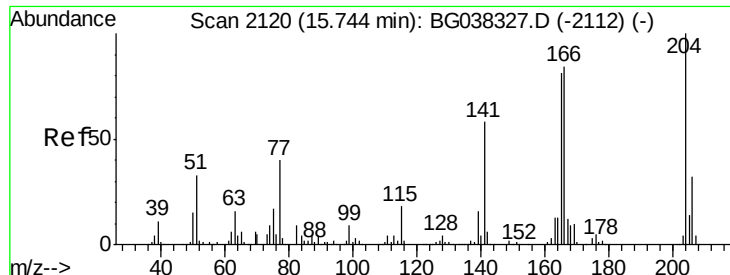
#60  
Diethylphthalate  
Concen: 38.520 ng  
RT: 15.51 min Scan# 2081  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion:149 Resp: 360464  
Ion Ratio Lower Upper  
149 100  
177 22.1 18.3 27.5  
150 12.2 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

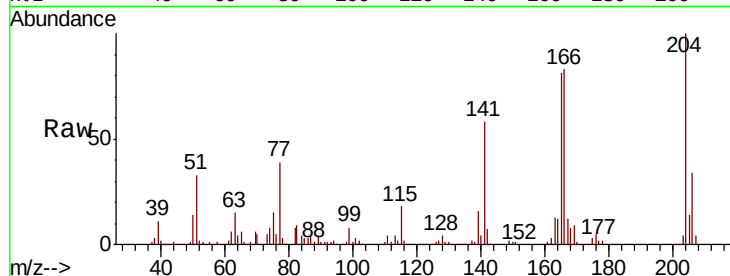




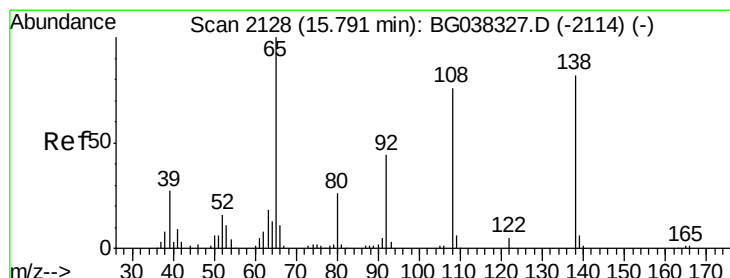
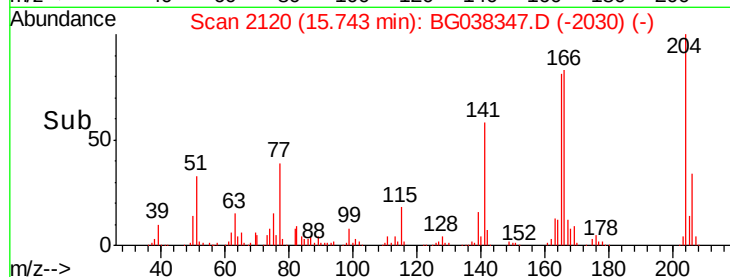
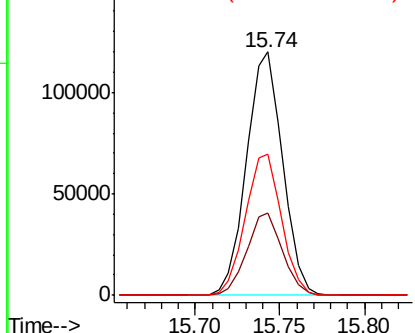
#61  
4-Chlorophenyl-phenylether  
Concen: 39.479 ng  
RT: 15.74 min Scan# 2120  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:204 Resp: 178123  
Ion Ratio Lower Upper  
204 100  
206 33.9 26.6 39.8  
141 58.2 45.4 68.2

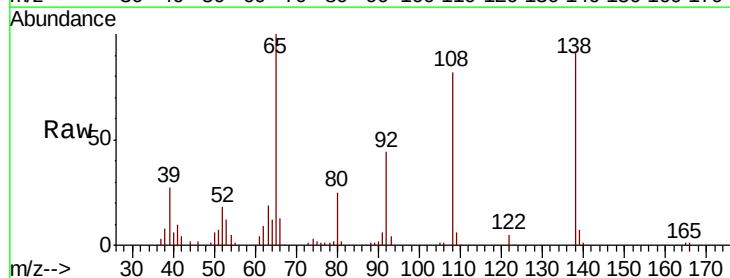


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

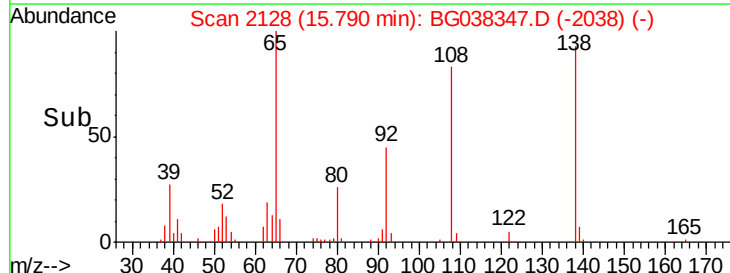
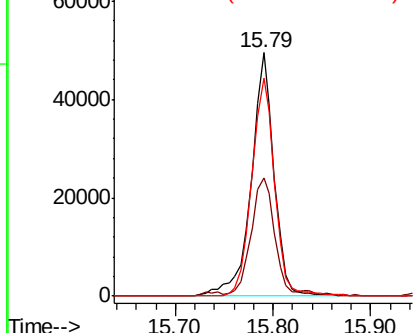


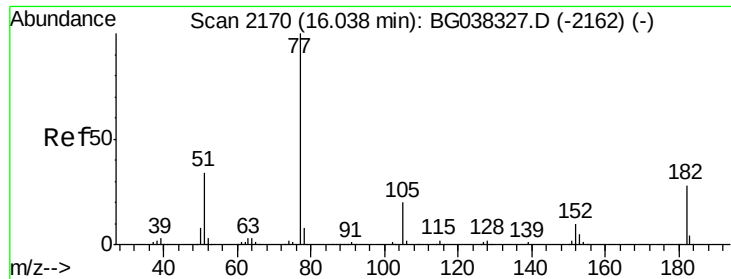
#62  
4-Nitroaniline  
Concen: 39.790 ng  
RT: 15.79 min Scan# 2128  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion:138 Resp: 81323  
Ion Ratio Lower Upper  
138 100  
92 48.3 36.4 76.4  
108 89.7 60.1 100.1



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

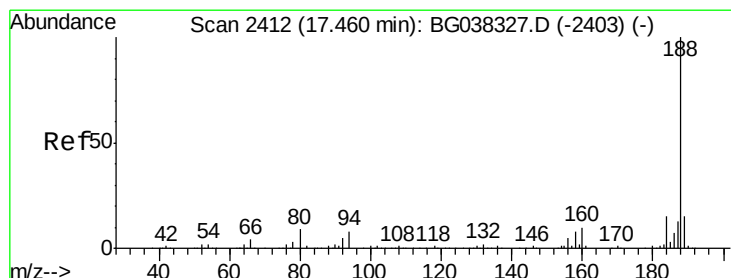
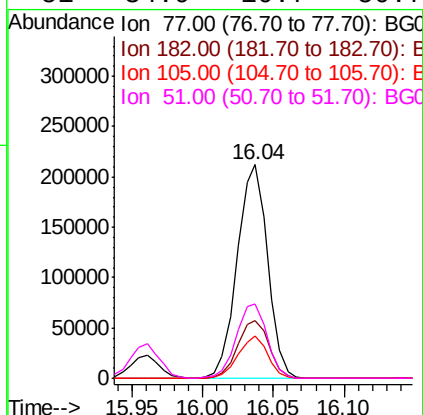
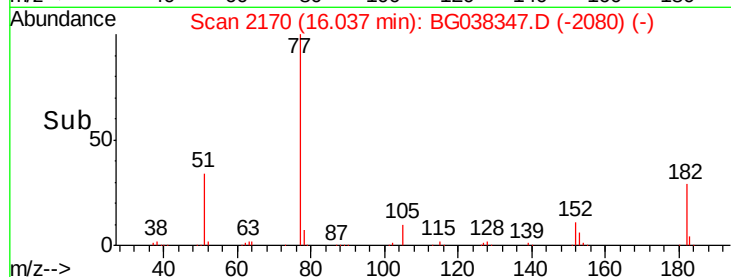
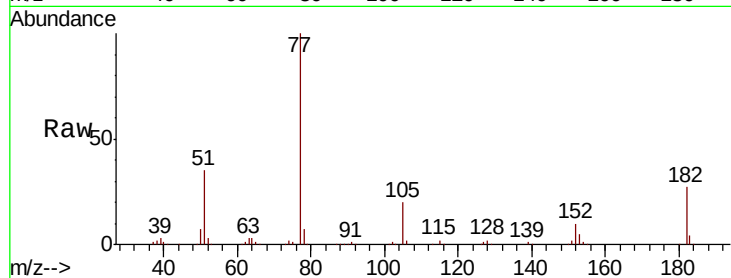




#63  
Azobenzene  
Concen: 38.914 ng  
RT: 16.04 min Scan# 2170  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

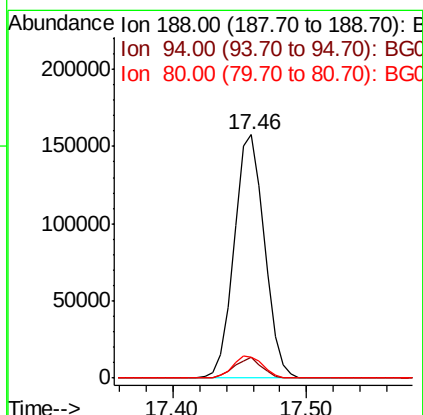
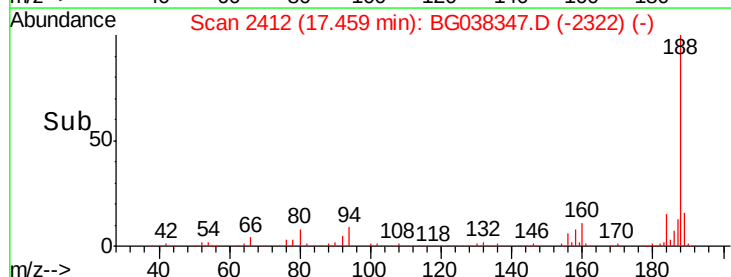
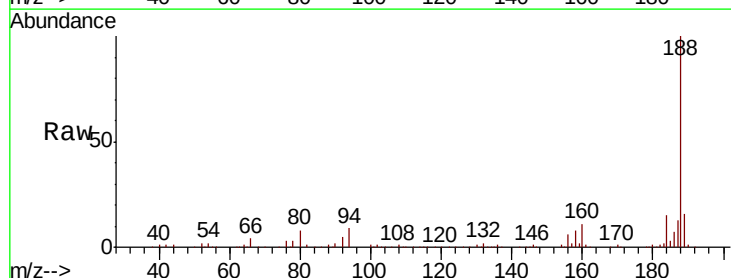
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

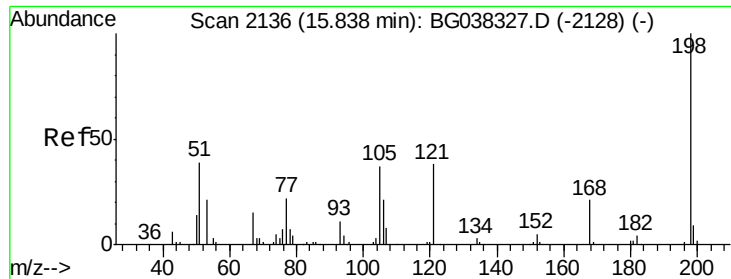
Tot Ion: 77 Resp: 318688  
Ion Ratio Lower Upper  
77 100  
182 27.0 8.0 48.0  
105 19.6 1.3 41.3  
51 34.9 10.7 50.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.46 min Scan# 2412  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion: 188 Resp: 247884  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.2 10.8  
80 8.5 7.7 11.5

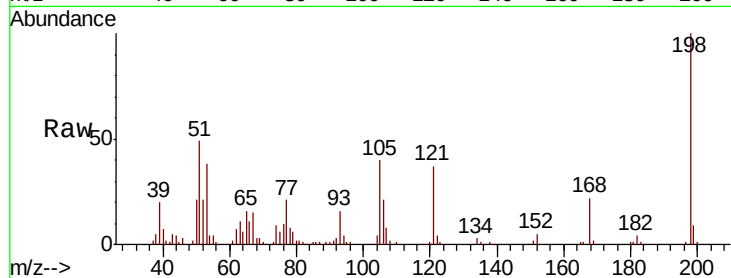




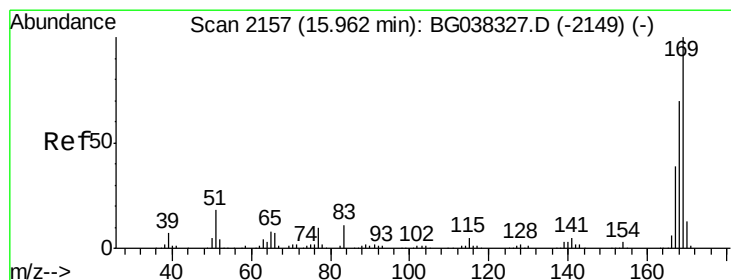
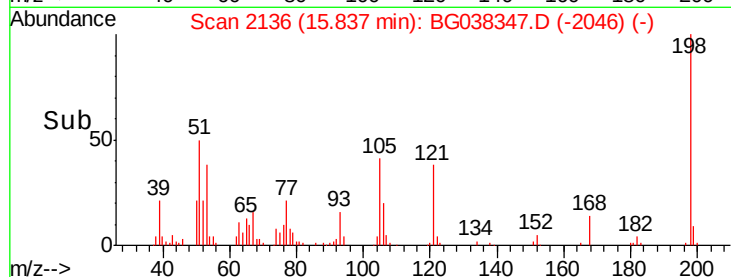
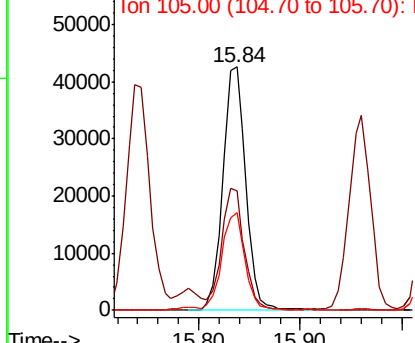
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 41.091 ng  
 RT: 15.84 min Scan# 2136  
 Delta R.T. -0.00 min  
 Lab File: BG038347.D  
 Acq: 5 Dec 2018 5:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:198 Resp: 66739  
 Ion Ratio Lower Upper  
 198 100  
 51 49.2 22.7 62.7  
 105 40.2 19.7 59.7

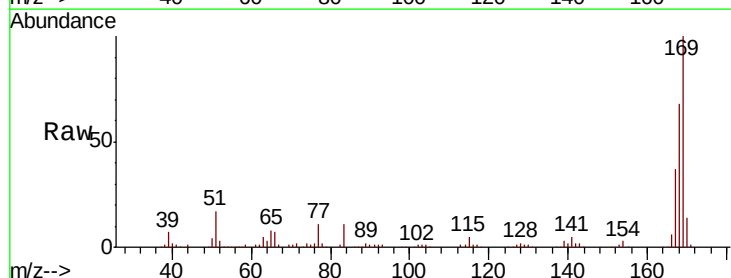


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

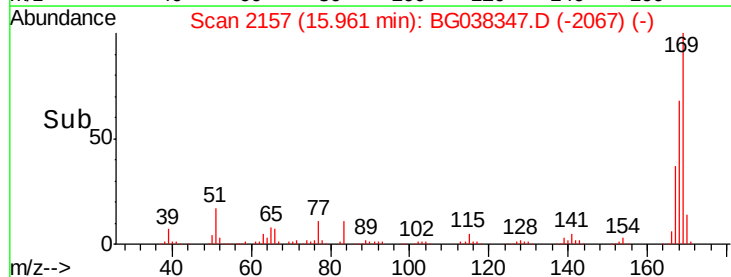
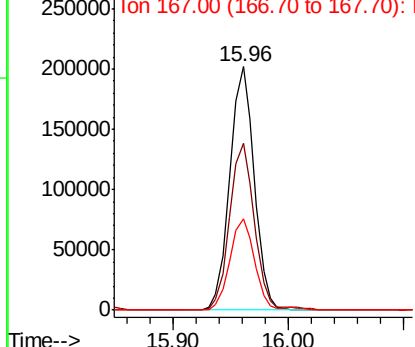


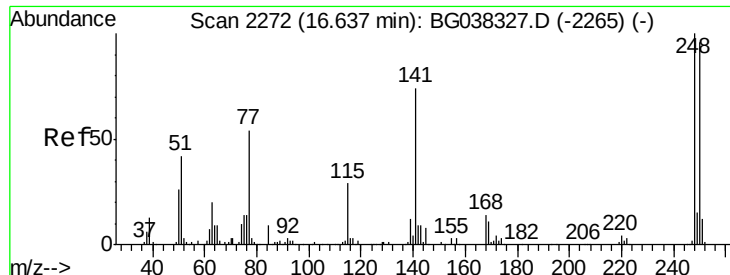
#66  
 n-Nitrosodiphenylamine  
 Concen: 42.249 ng  
 RT: 15.96 min Scan# 2157  
 Delta R.T. -0.00 min  
 Lab File: BG038347.D  
 Acq: 5 Dec 2018 5:48

Tgt Ion:169 Resp: 294497  
 Ion Ratio Lower Upper  
 169 100  
 168 68.4 55.7 83.5  
 167 37.3 31.3 46.9



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: 42.739 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

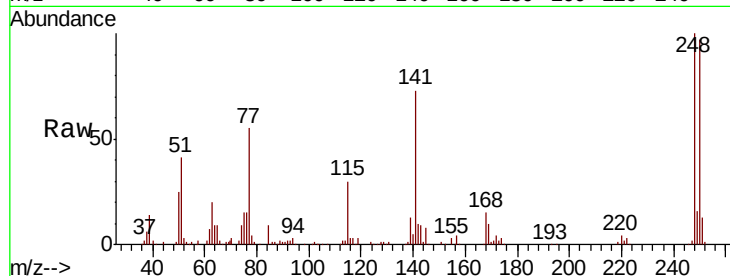
Tot Ion:248 Resp: 114408

Ion Ratio Lower Upper

248 100

250 97.0 77.0 115.6

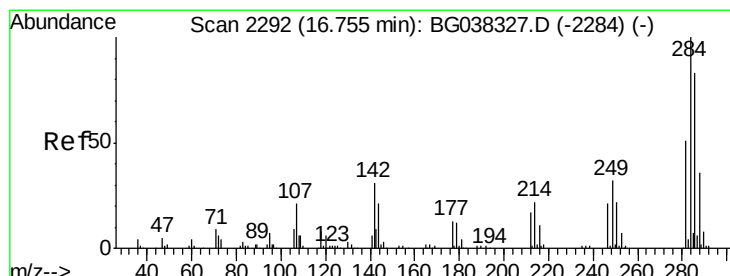
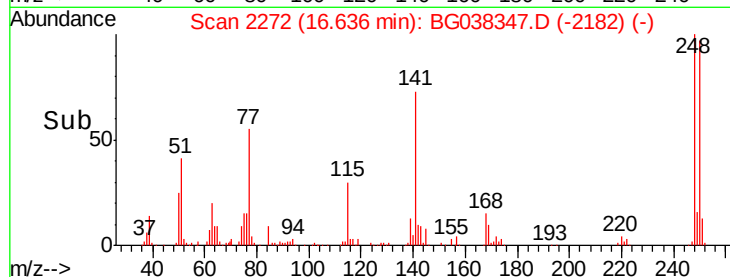
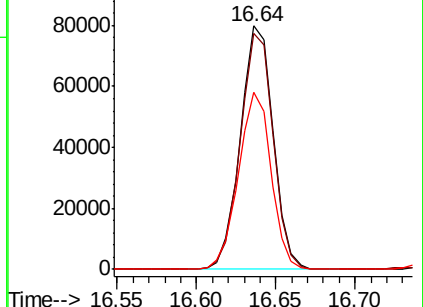
141 72.6 55.5 83.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.375 ng

RT: 16.75 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

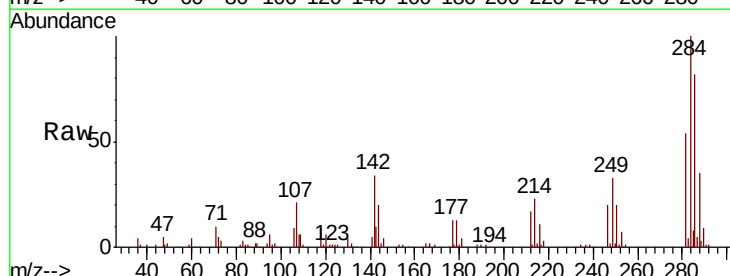
Tgt Ion:284 Resp: 117003

Ion Ratio Lower Upper

284 100

142 33.6 28.1 42.1

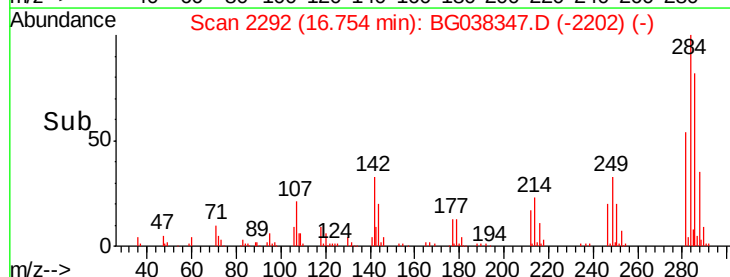
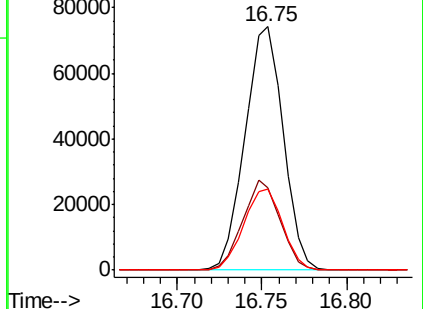
249 35.4 29.8 44.8

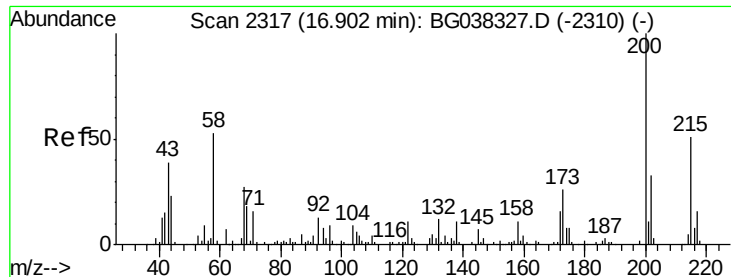


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.064 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

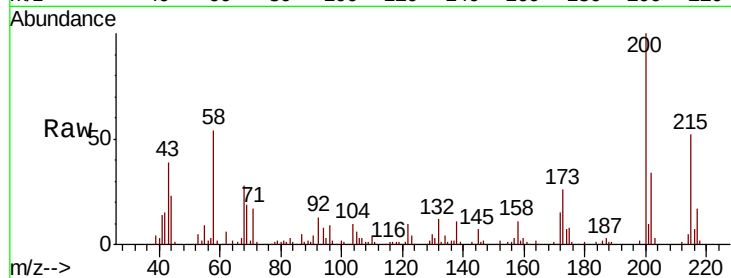
Tot Ion:200 Resp: 109409

Ion Ratio Lower Upper

200 100

173 25.8 6.1 46.1

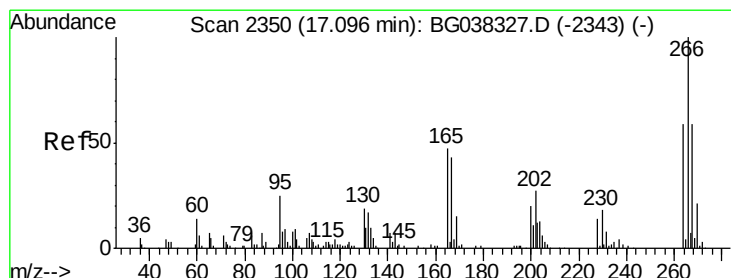
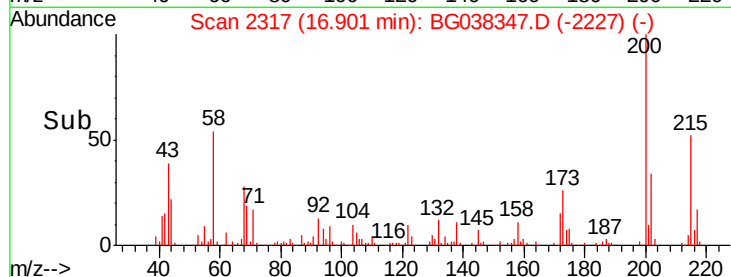
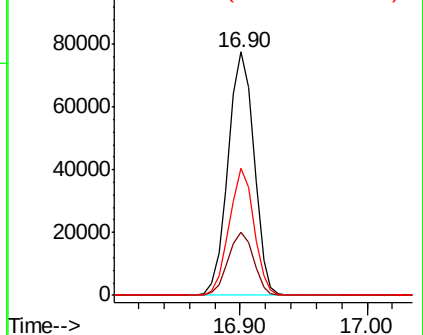
215 52.1 30.8 70.8



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: 41.384 ng

RT: 17.10 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

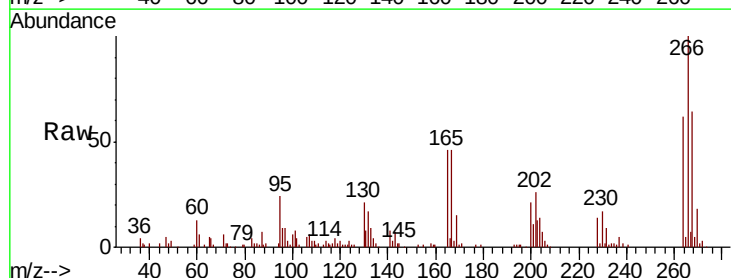
Tgt Ion:266 Resp: 78265

Ion Ratio Lower Upper

266 100

268 69.0 55.0 82.6

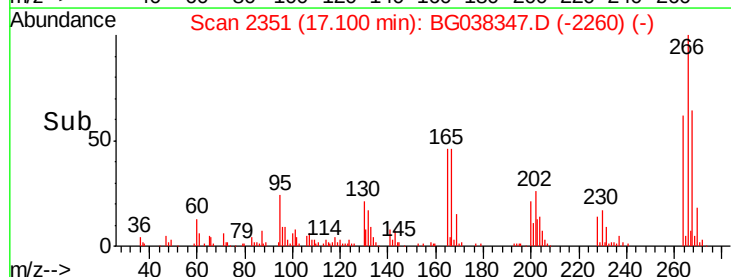
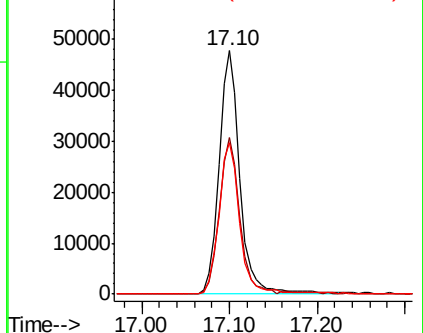
264 67.2 58.9 88.3

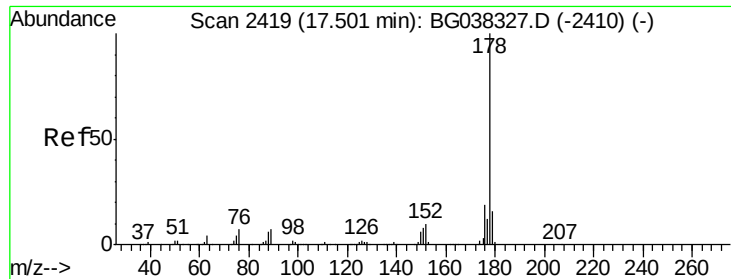


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

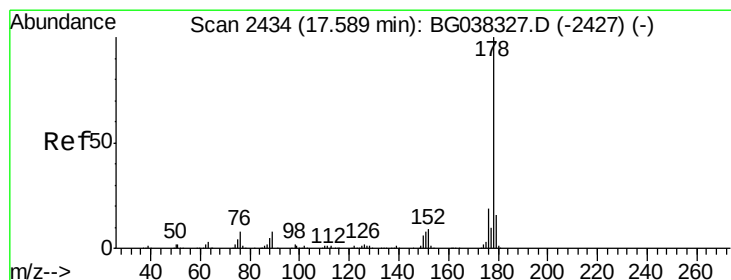
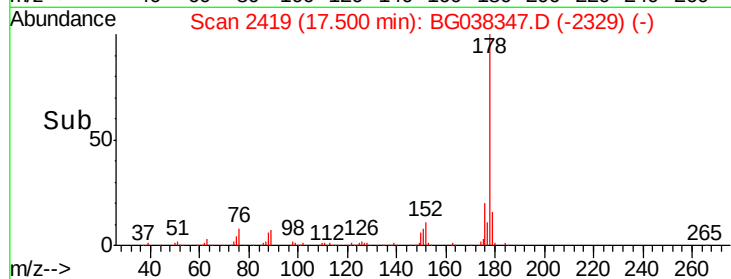
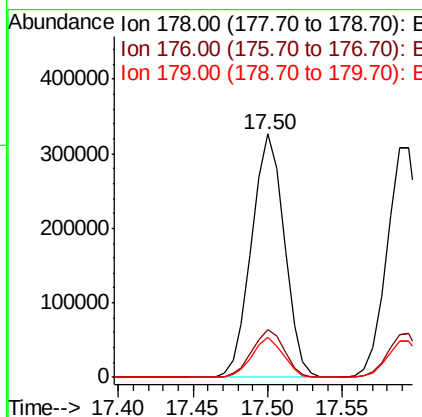
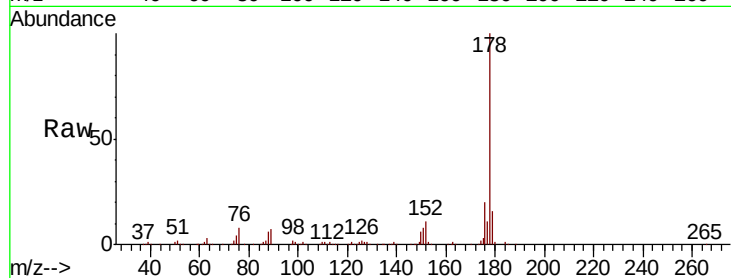




#71  
Phenanthrene  
Concen: 39.917 ng  
RT: 17.50 min Scan# 2419  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

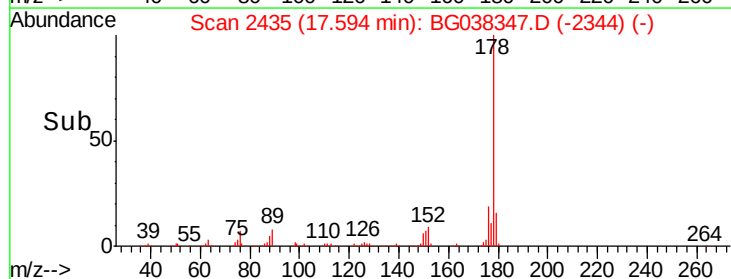
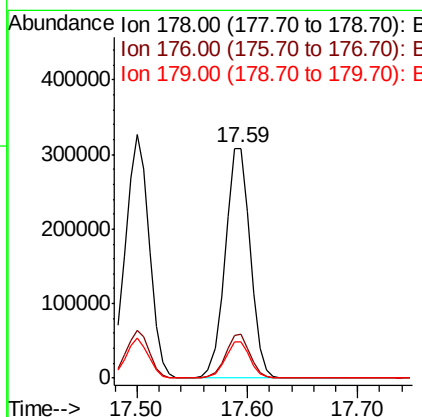
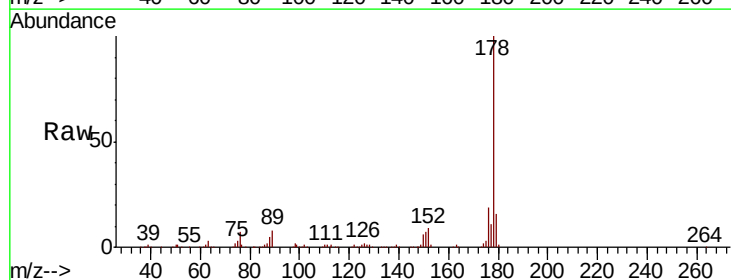
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:178 Resp: 495521  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.1 24.1  
179 16.3 13.0 19.4

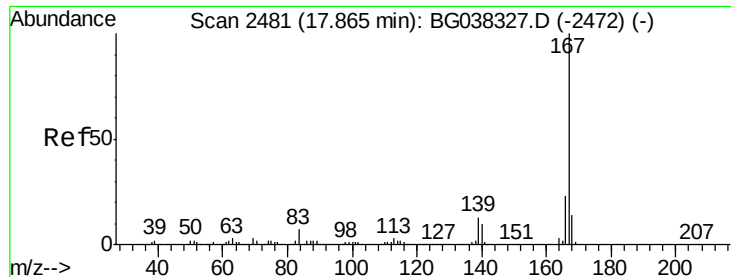


#72  
Anthracene  
Concen: 40.733 ng  
RT: 17.59 min Scan# 2435  
Delta R.T. 0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion:178 Resp: 489680  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.0 22.4  
179 15.8 12.8 19.2







#73

Carbazole

Concen: 40.393 ng

RT: 17.86 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

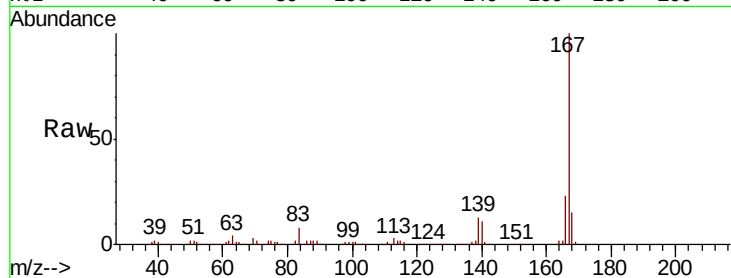
Tot Ion:167 Resp: 481952

Ion Ratio Lower Upper

167 100

166 22.6 18.3 27.5

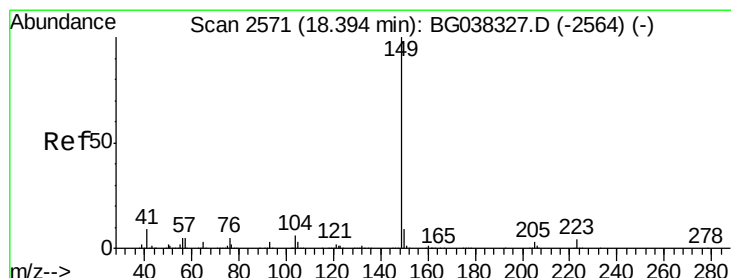
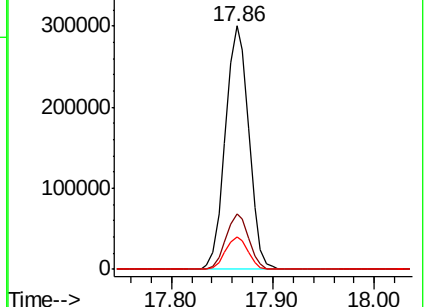
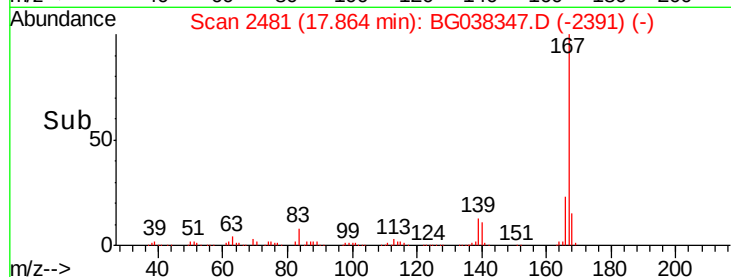
139 13.4 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.900 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

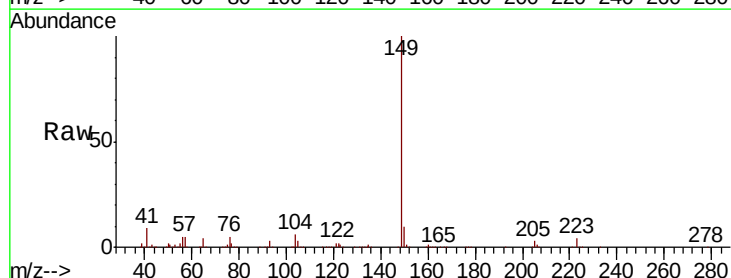
Tgt Ion:149 Resp: 556165

Ion Ratio Lower Upper

149 100

150 10.3 8.2 12.2

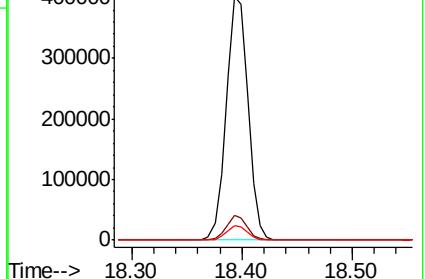
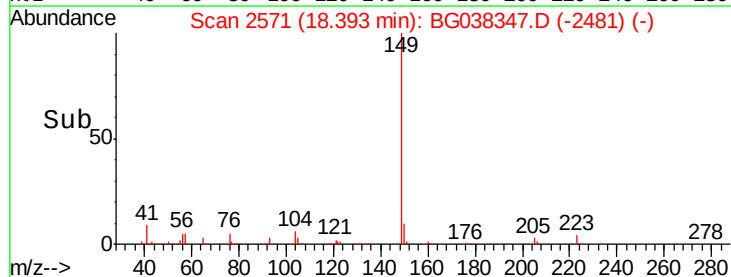
104 5.8 4.0 6.0

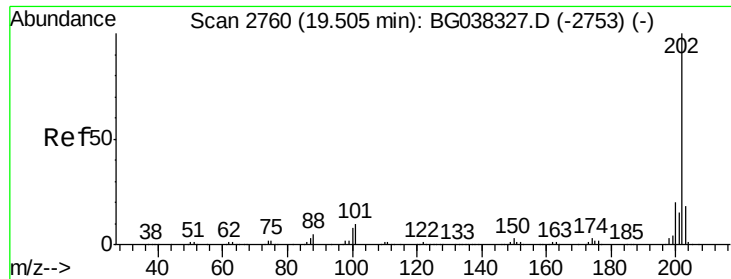


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

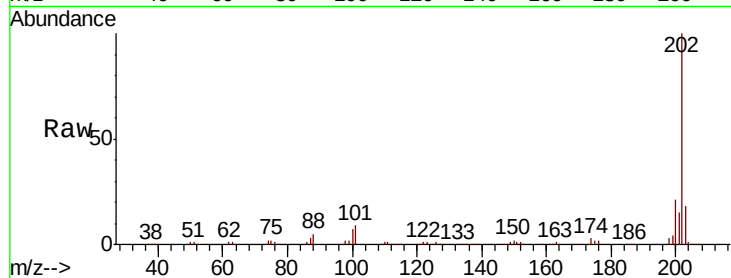




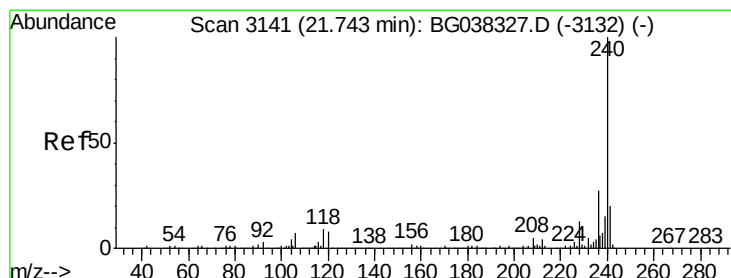
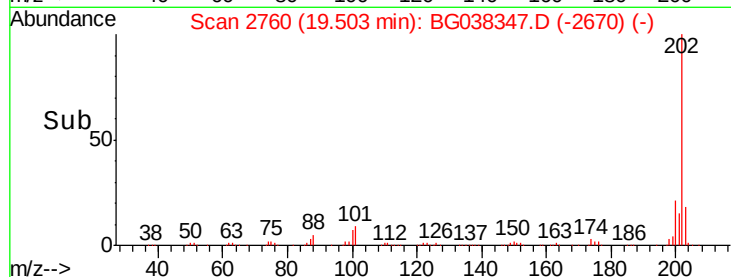
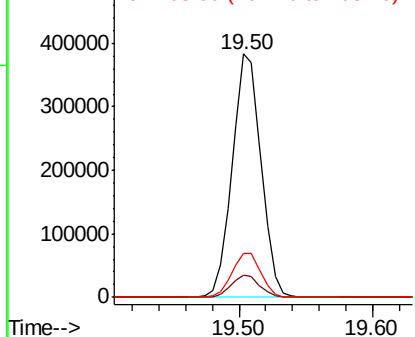
#75  
Fluoranthene  
Concen: 39.551 ng  
RT: 19.50 min Scan# 2760  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 202   | Resp: | 573641 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 9.3   | 0.0   | 30.7   |
| 203      | 18.2  | 0.0   | 38.5   |

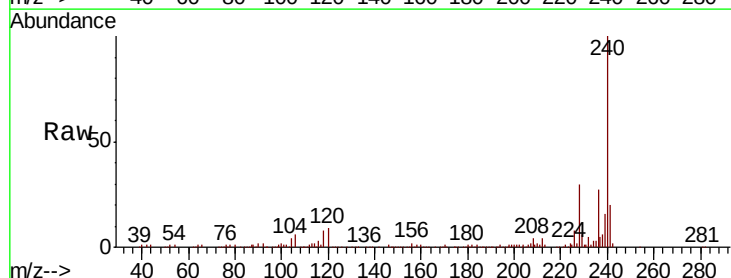


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

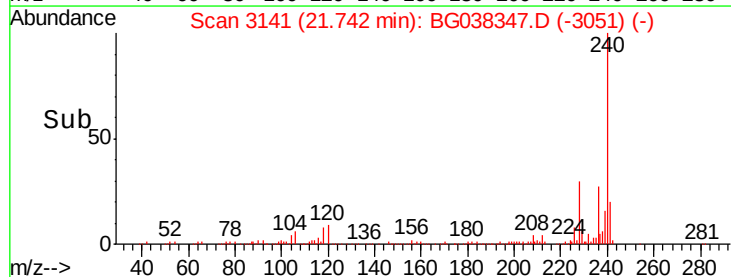
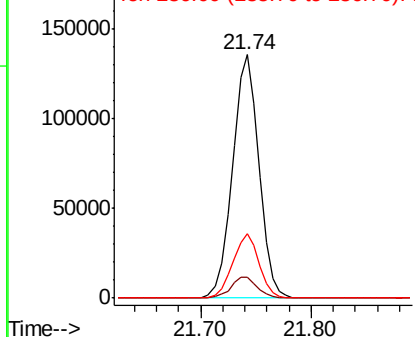


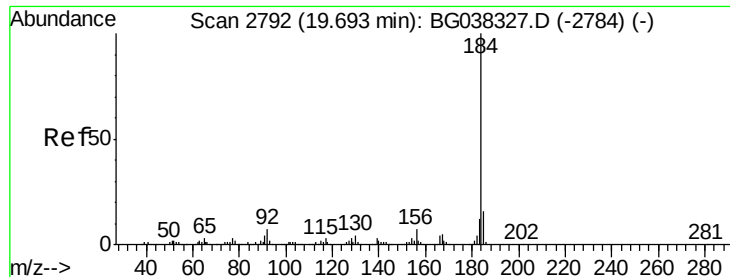
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.74 min Scan# 3141  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 226781 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 8.7   | 8.1   | 12.1   |
| 236      | 26.7  | 21.4  | 32.0   |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.975 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

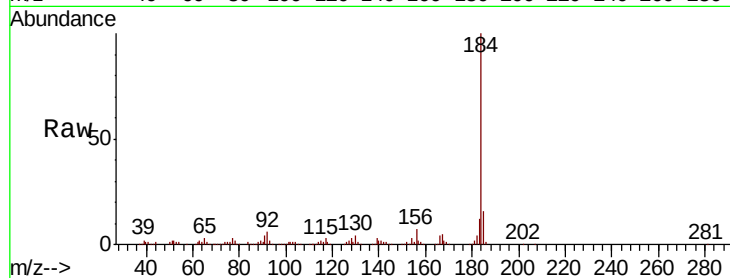
Tot Ion:184 Resp: 305912

Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

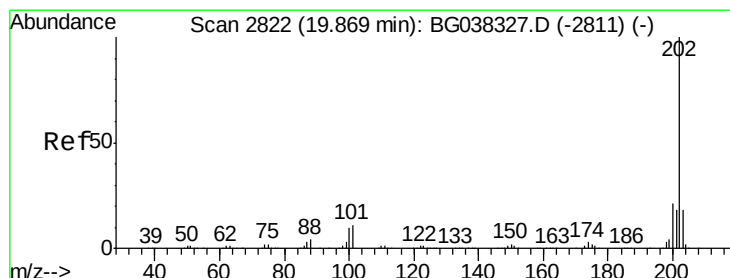
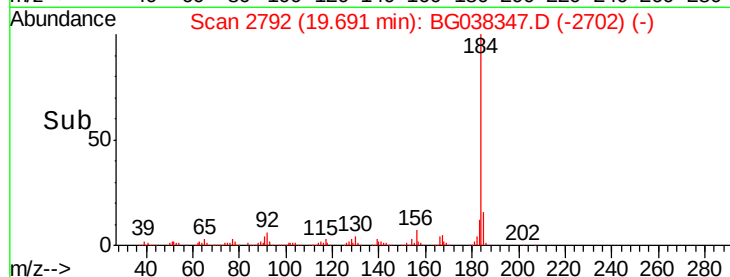
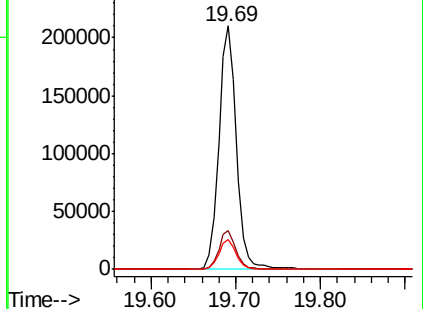
183 12.5 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.571 ng

RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

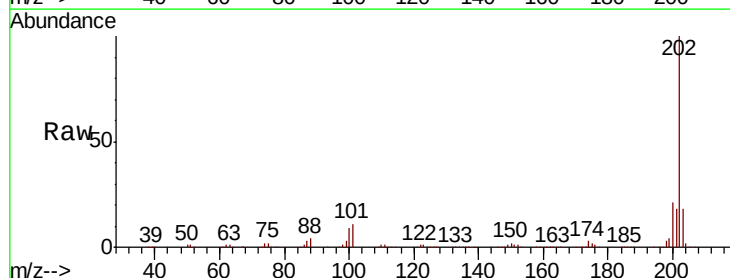
Tgt Ion:202 Resp: 580283

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

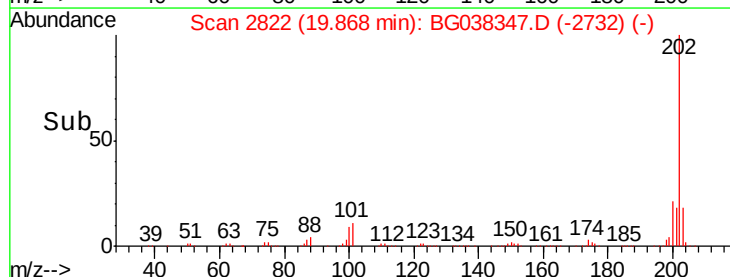
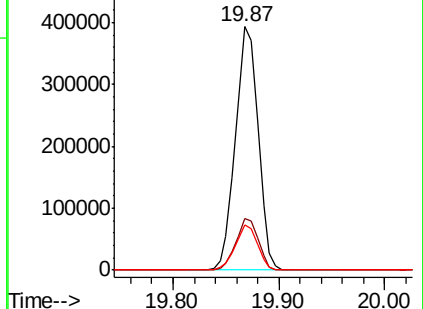
203 18.3 15.2 22.8

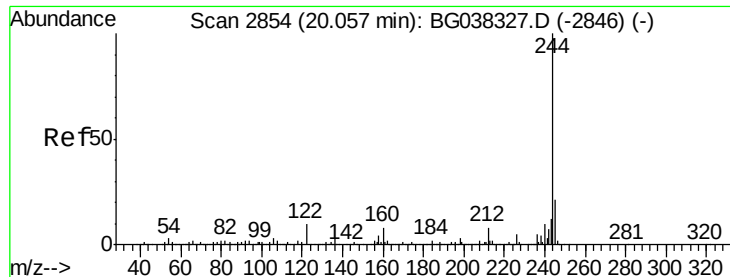


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.178 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

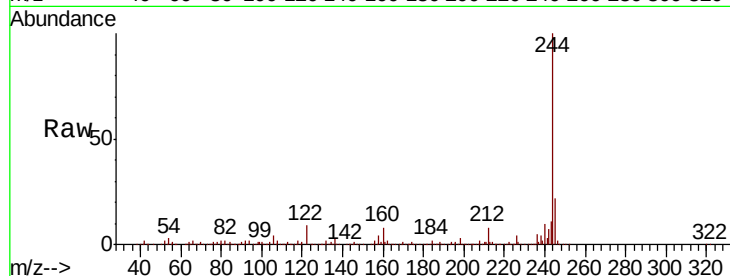
Tot Ion:244 Resp: 785252

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

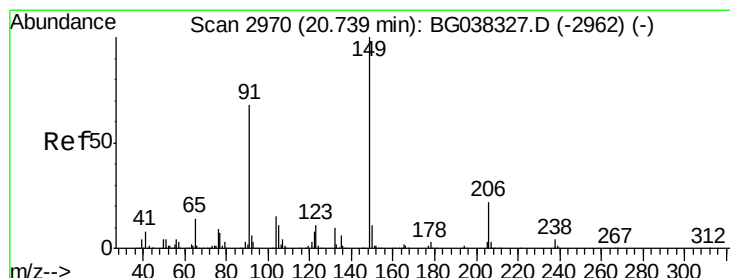
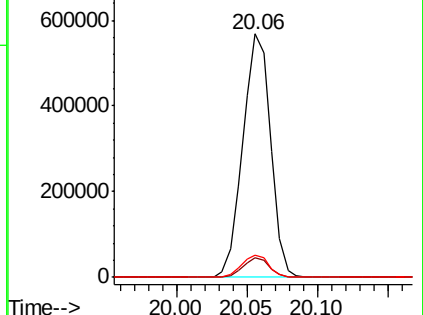
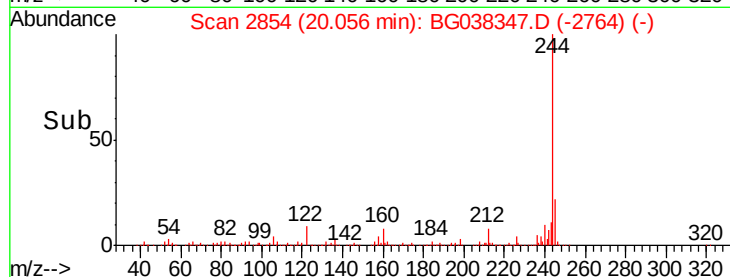
122 9.2 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.818 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

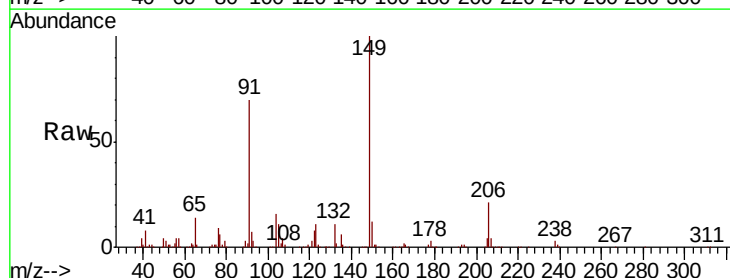
Tgt Ion:149 Resp: 247735

Ion Ratio Lower Upper

149 100

91 70.0 57.0 85.4

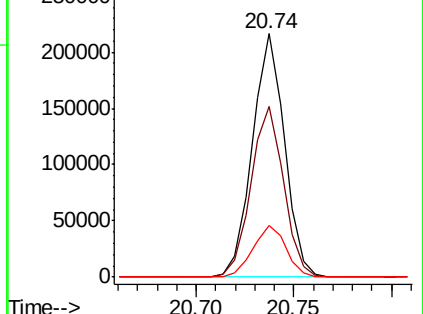
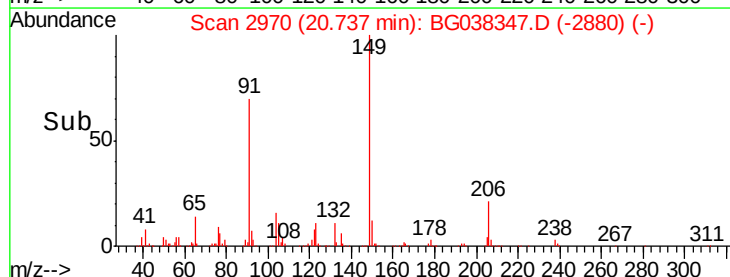
206 21.5 17.8 26.6

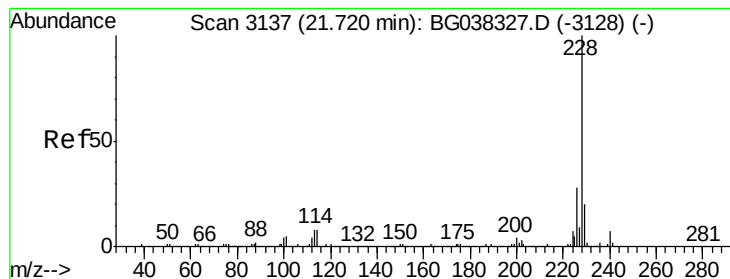


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.928 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

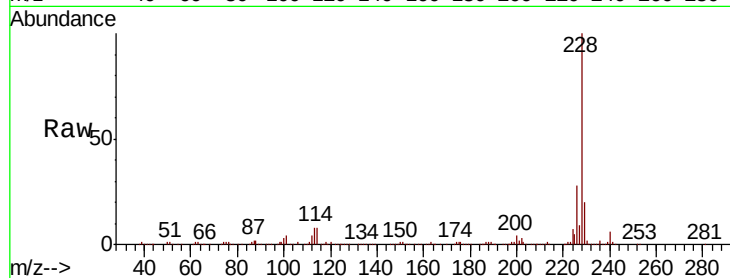
Tot Ion:228 Resp: 542582

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

229 19.6 16.3 24.5

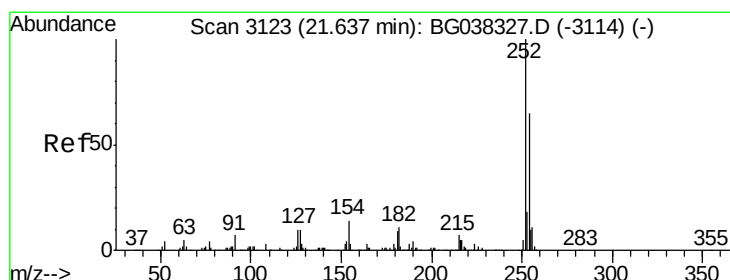
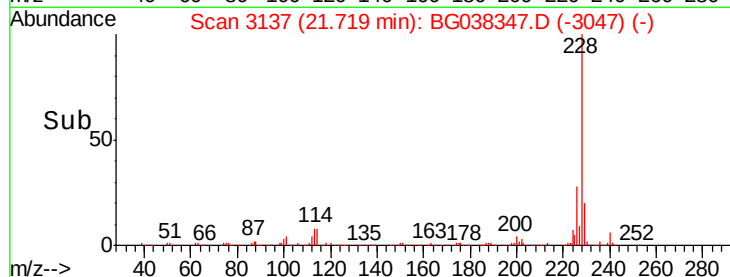
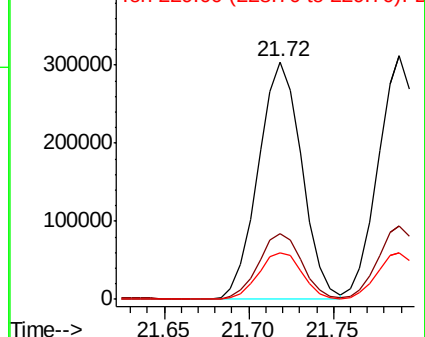


Abundance

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: 38.112 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

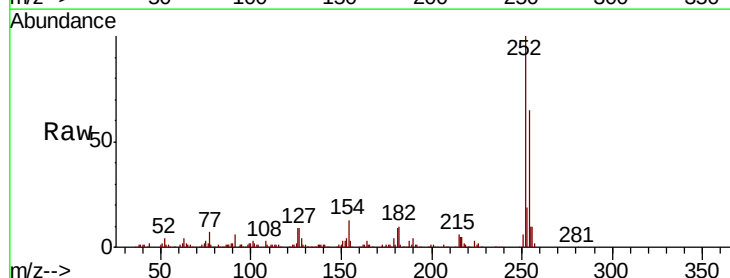
Tgt Ion:252 Resp: 206644

Ion Ratio Lower Upper

252 100

254 64.8 52.0 78.0

126 9.0 8.2 12.4

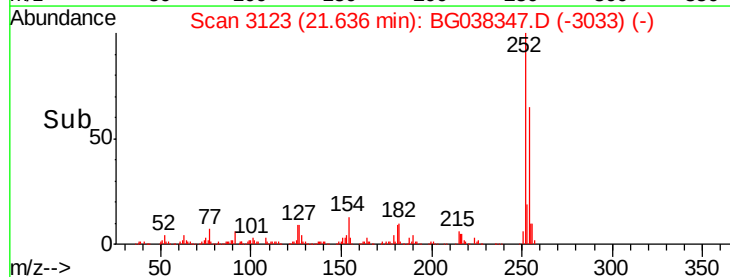
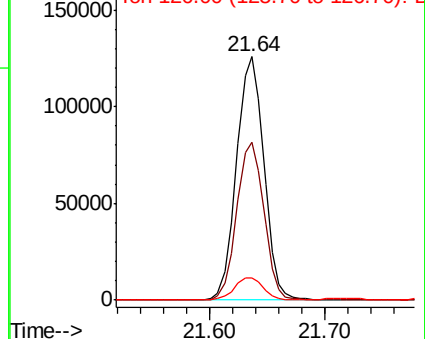


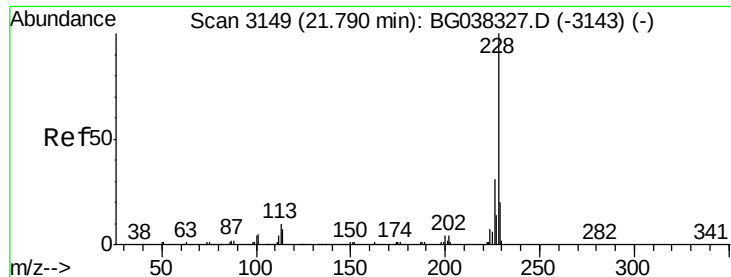
Abundance

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

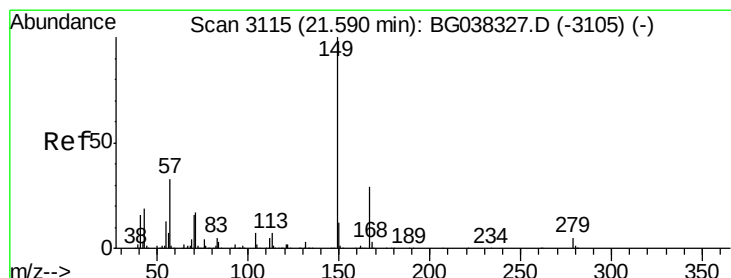
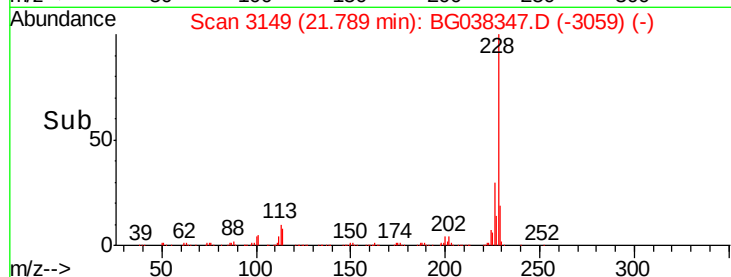
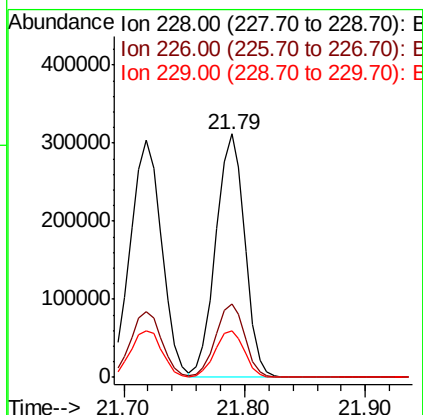
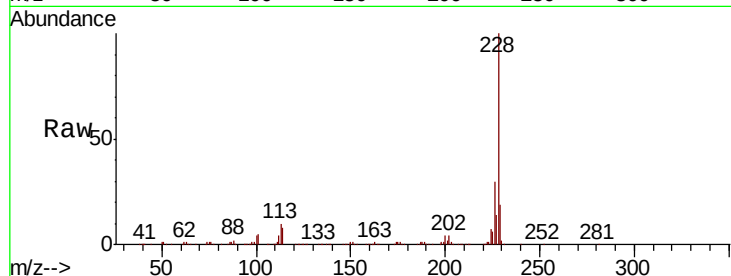




#83  
Chrysene  
Concen: 39.097 ng  
RT: 21.79 min Scan# 3149  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

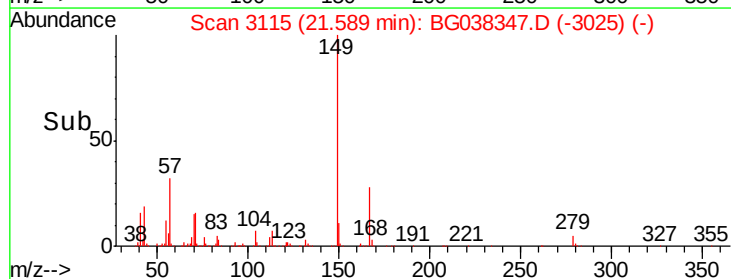
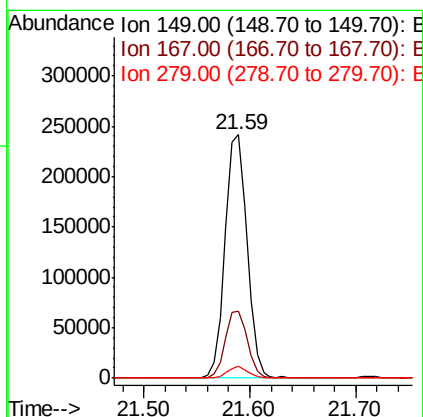
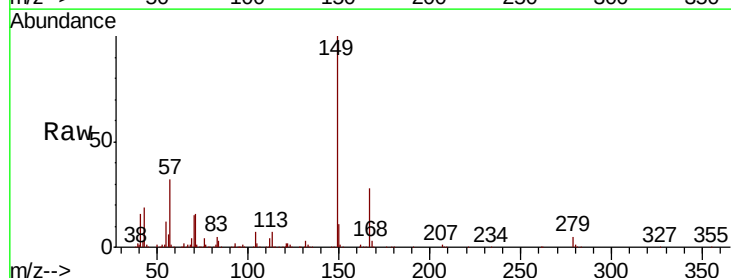
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

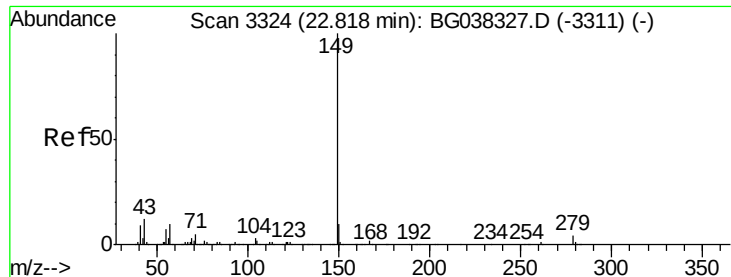
Tot Ion:228 Resp: 515678  
Ion Ratio Lower Upper  
228 100  
226 30.2 25.7 38.5  
229 19.1 16.5 24.7



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 38.448 ng  
RT: 21.59 min Scan# 3115  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion:149 Resp: 347788  
Ion Ratio Lower Upper  
149 100  
167 27.7 23.0 34.4  
279 4.8 3.6 5.4

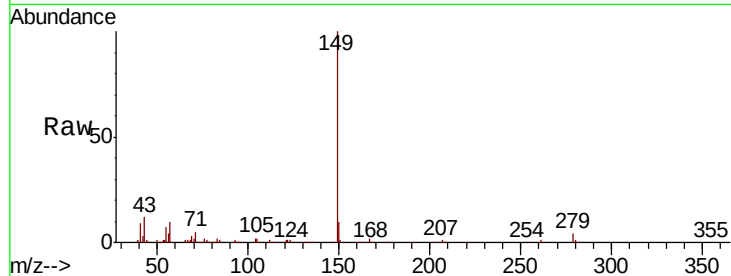




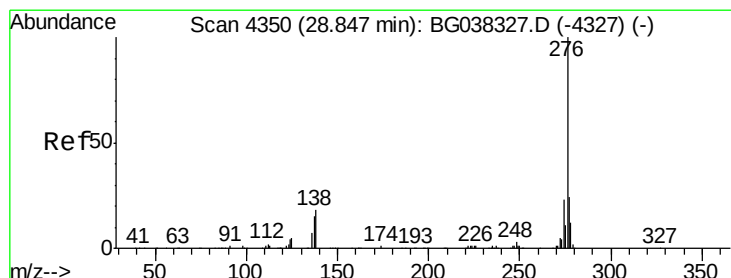
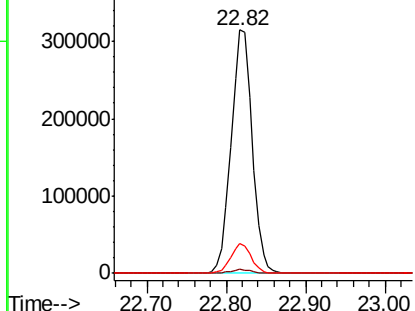
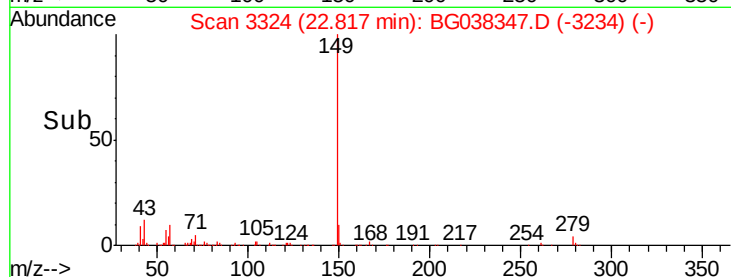
#85  
Di-n-octyl phthalate  
Concen: 37.332 ng  
RT: 22.82 min Scan# 3324  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:149 Resp: 579027  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.9 8.7 13.1

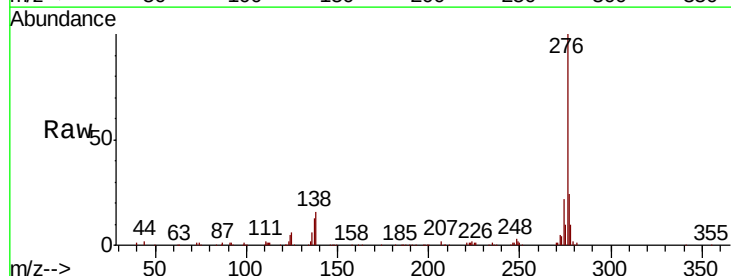


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

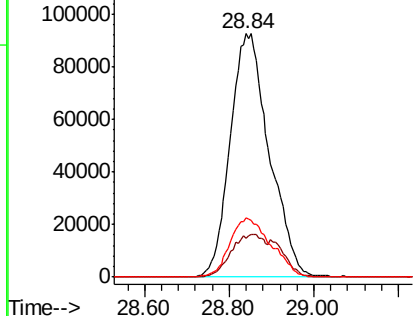
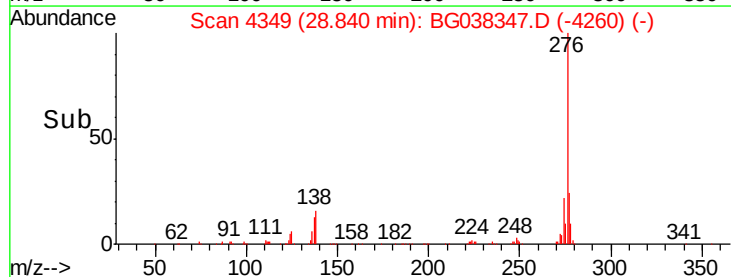


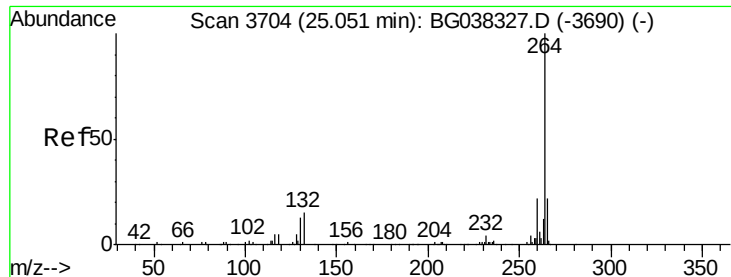
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 39.571 ng  
RT: 28.84 min Scan# 4349  
Delta R.T. -0.01 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion:276 Resp: 593169  
Ion Ratio Lower Upper  
276 100  
138 15.2 12.0 18.0  
277 25.5 20.6 30.8



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

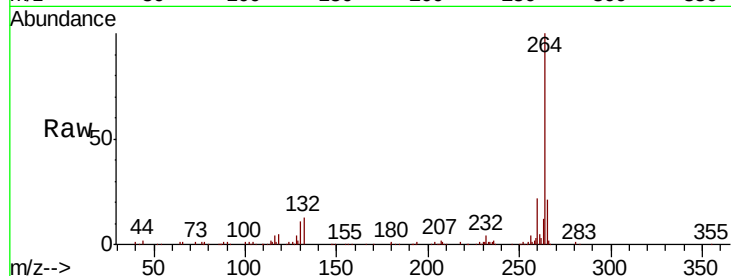
Tot Ion:264 Resp: 241758

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

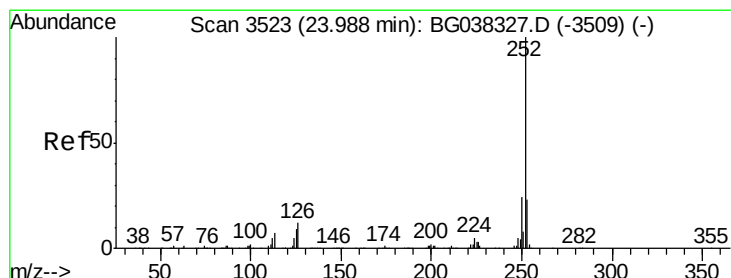
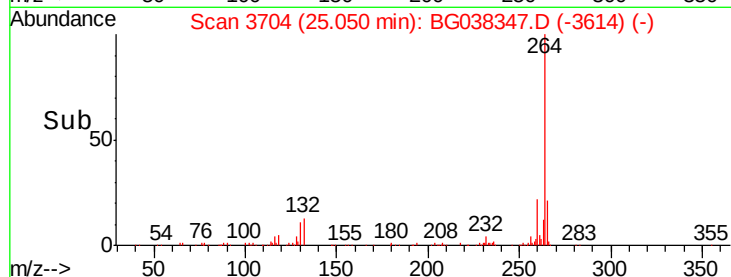
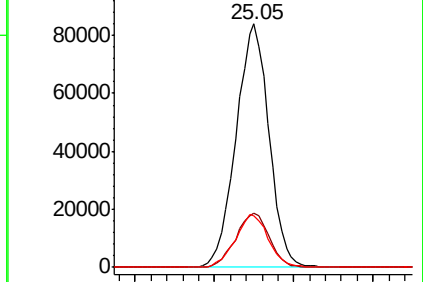
265 21.3 17.9 26.9



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: 38.014 ng

RT: 23.99 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG038347.D

Acq: 5 Dec 2018 5:48

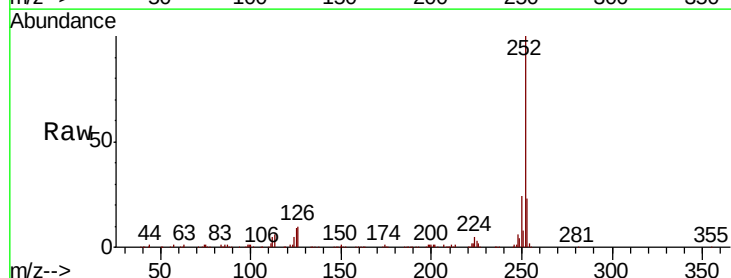
Tgt Ion:252 Resp: 519274

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

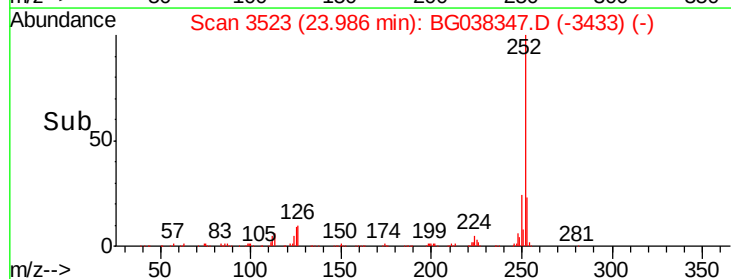
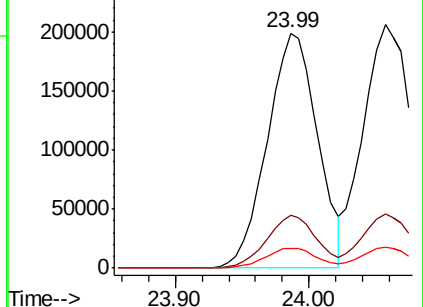
125 8.5 7.8 11.6



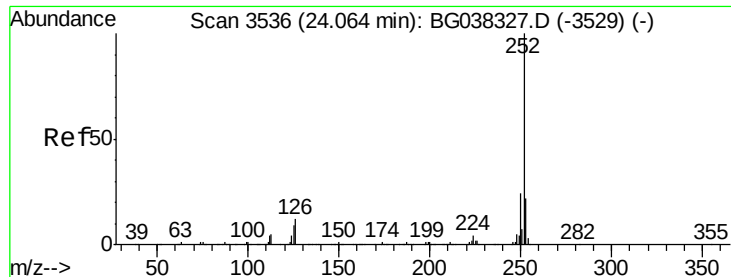
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



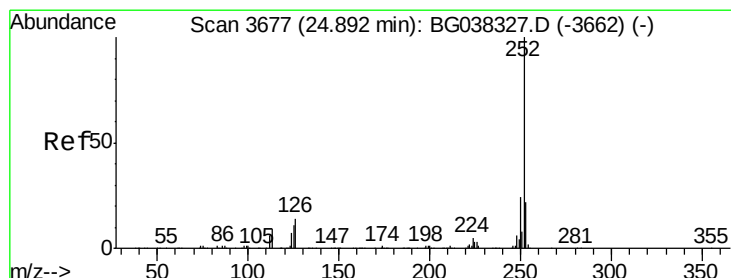
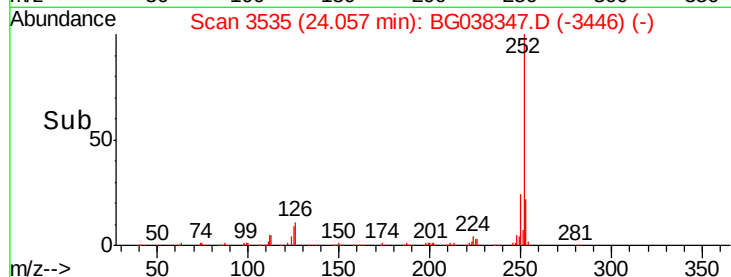
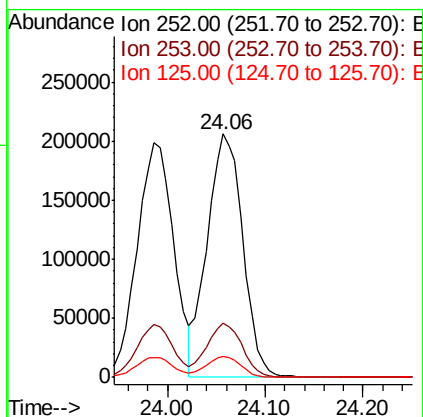
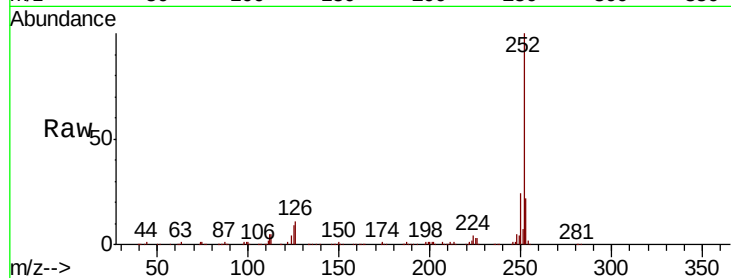




#89  
Benzo(k)fluoranthene  
Concen: 38.186 ng  
RT: 24.06 min Scan# 3535  
Delta R.T. -0.01 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

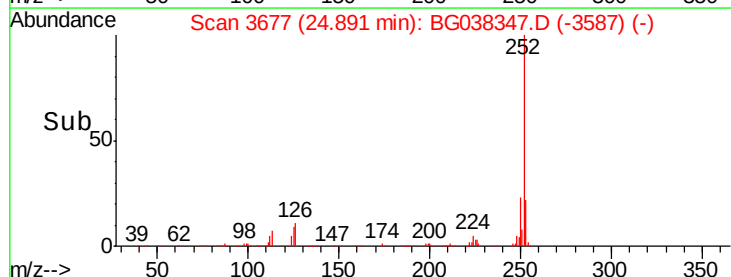
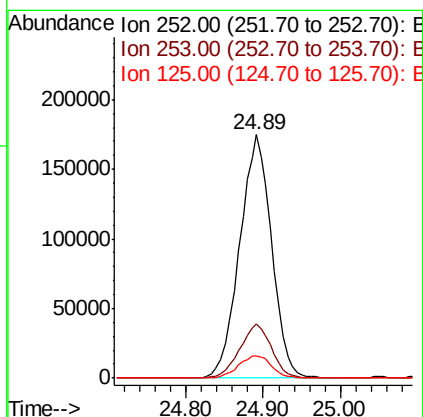
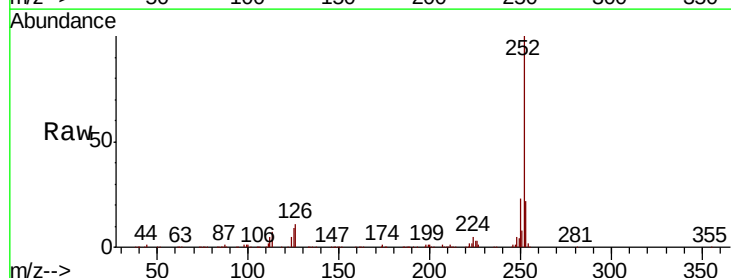
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

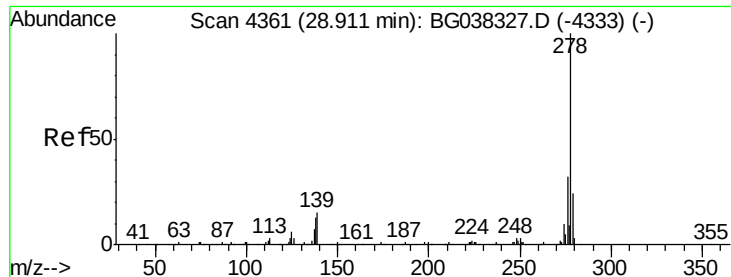
Tot Ion:252 Resp: 519521  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.2  
125 8.7 7.4 11.0



#90  
Benzo(a)pyrene  
Concen: 38.203 ng  
RT: 24.89 min Scan# 3677  
Delta R.T. -0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Tgt Ion:252 Resp: 506191  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.2  
125 8.9 9.0 13.6#

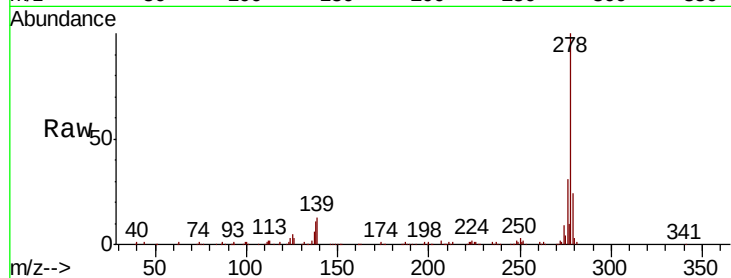




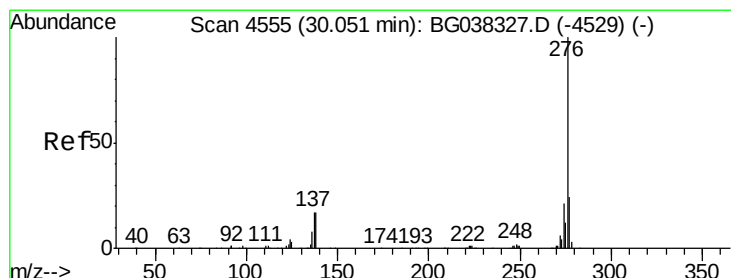
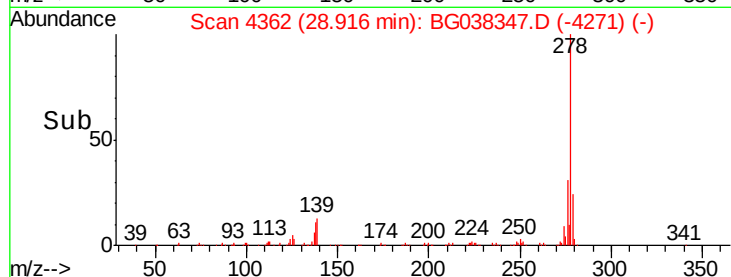
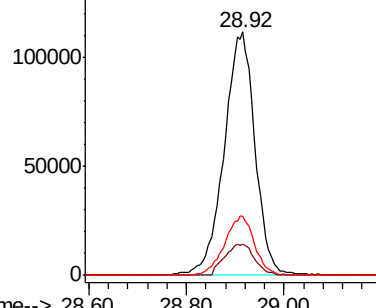
#91  
Dibenzo(a,h)anthracene  
Concen: 39.183 ng  
RT: 28.92 min Scan# 4362  
Delta R.T. 0.00 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.5  | 11.5  | 17.3  |
| 279     | 24.1  | 18.6  | 27.8  |

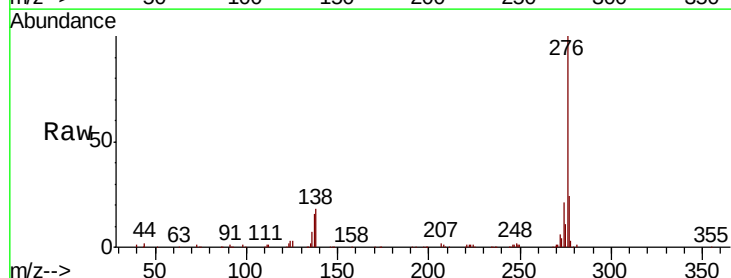


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 39.269 ng  
RT: 30.04 min Scan# 4554  
Delta R.T. -0.01 min  
Lab File: BG038347.D  
Acq: 5 Dec 2018 5:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 18.9  | 28.3  |
| 138     | 17.6  | 17.2  | 25.8  |



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

