

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\  
 Data File : BG036500.D  
 Acq On : 31 Aug 2018 10:27  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 31 11:09:10 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 23 12:07:02 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 62141    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.87 | 136  | 276843   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 14.69 | 164  | 180434   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.43 | 188  | 471956   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.69 | 240  | 489907   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 24.90 | 264  | 522844   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.63  | 112  | 300893   | 76.81 | ng    | 0.00     |
| 7) Phenol-d6                | 7.22  | 99   | 433787   | 77.34 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 420831   | 82.48 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 16.17 | 330  | 185132   | 85.99 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 13.31 | 172  | 973999   | 77.07 | ng    | -0.02    |
| 78) Terphenyl-d14           | 20.03 | 244  | 1584493  | 75.60 | ng    | -0.02    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88   | 65653    | 35.912 | ng    | 96     |
| 3) Pyridine                    | 3.93  | 79   | 194864   | 37.973 | ng    | 95     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42   | 79770    | 34.901 | ng    | 93     |
| 6) Aniline                     | 7.38  | 93   | 264731   | 37.185 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.62  | 128  | 158950   | 37.416 | ng    | 97     |
| 9) Benzaldehyde                | 7.19  | 77   | 138747   | 35.923 | ng    | 97     |
| 10) Phenol                     | 7.24  | 94   | 228240   | 38.886 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93   | 171332   | 36.820 | ng    | 96     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146  | 181025   | 37.319 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 8.10  | 146  | 184786   | 37.731 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146  | 175247   | 37.469 | ng    | 100    |
| 15) Benzyl Alcohol             | 8.29  | 79   | 167440   | 37.033 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45   | 315255   | 33.595 | ng    | 98     |
| 17) 2-Methylphenol             | 8.50  | 107  | 144379   | 37.046 | ng    | 96     |
| 18) Hexachloroethane           | 9.15  | 117  | 66713    | 37.993 | ng    | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70   | 146100   | 34.854 | ng    | 94     |
| 20) 3+4-Methylphenols          | 8.82  | 107  | 210944   | 38.768 | ng    | 99     |
| 22) Acetophenone               | 8.88  | 105  | 263768   | 36.283 | ng    | # 97   |
| 24) Nitrobenzene               | 9.26  | 77   | 212481   | 38.618 | ng    | 99     |
| 25) Isophorone                 | 9.79  | 82   | 356634   | 35.184 | ng    | 98     |
| 26) 2-Nitrophenol              | 9.97  | 139  | 91309    | 41.879 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122  | 149125   | 36.943 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93   | 224044   | 36.015 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162  | 181530   | 41.034 | ng    | 92     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180  | 197882   | 38.236 | ng    | 99     |
| 31) Naphthalene                | 10.92 | 128  | 514879   | 37.205 | ng    | 99     |
| 32) Benzoic acid               | 10.16 | 122  | 101597   | 35.259 | ng    | 98     |
| 33) 4-Chloroaniline            | 11.02 | 127  | 240919   | 37.990 | ng    | 99     |
| 34) Hexachlorobutadiene        | 11.20 | 225  | 138072   | 39.708 | ng    | 98     |
| 35) Caprolactam                | 11.79 | 113  | 66603    | 37.793 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107  | 200243   | 38.955 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 12.52 | 142  | 385803   | 38.100 | ng    | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216  | 243175   | 38.083 | ng    | 98     |
| 40) Hexachlorocyclopentadiene  | 12.86 | 237  | 125082   | 37.649 | ng    | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\  
 Data File : BG036500.D  
 Acq On : 31 Aug 2018 10:27  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

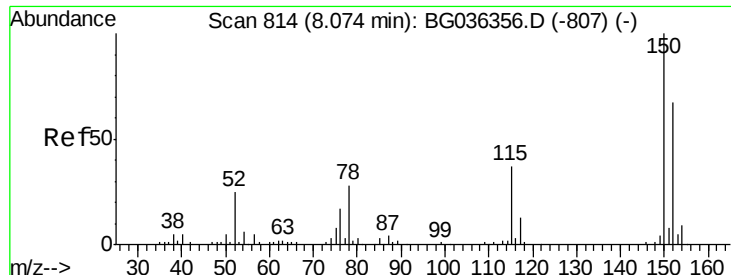
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 31 11:09:10 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 23 12:07:02 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.12 | 196  | 157558   | 40.507 | ng    | 93       |
| 43) 2,4,5-Trichlorophenol      | 13.19 | 196  | 165834   | 39.972 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 13.52 | 154  | 545576   | 36.426 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.56 | 162  | 429436   | 37.558 | ng    | 99       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 144942   | 40.368 | ng    | 96       |
| 48) Acenaphthylene             | 14.41 | 152  | 668275   | 37.397 | ng    | 98       |
| 49) Dimethylphthalate          | 14.14 | 163  | 549640   | 37.306 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.26 | 165  | 122099   | 40.274 | ng    | 91       |
| 51) Acenaphthene               | 14.75 | 154  | 419668   | 36.670 | ng    | 98       |
| 52) 3-Nitroaniline             | 14.59 | 138  | 139476   | 42.691 | ng    | 96       |
| 53) 2,4-Dinitrophenol          | 14.79 | 184  | 34305    | 29.873 | ng    | 93       |
| 54) Dibenzofuran               | 15.08 | 168  | 673889   | 37.585 | ng    | 99       |
| 55) 4-Nitrophenol              | 14.88 | 139  | 102814   | 38.489 | ng    | 97       |
| 56) 2,4-Dinitrotoluene         | 15.04 | 165  | 172223   | 43.587 | ng    | 93       |
| 57) Fluorene                   | 15.73 | 166  | 505946   | 37.747 | ng    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 162801   | 41.766 | ng    | 97       |
| 59) Diethylphthalate           | 15.50 | 149  | 552631   | 37.219 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.73 | 204  | 322168   | 38.925 | ng    | 97       |
| 61) 4-Nitroaniline             | 15.75 | 138  | 144675   | 42.318 | ng    | 95       |
| 62) Azobenzene                 | 16.02 | 77   | 534759   | 35.397 | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 79893    | 38.536 | ng    | 94       |
| 65) n-Nitrosodiphenylamine     | 15.94 | 169  | 506365   | 36.108 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.62 | 248  | 209364   | 37.889 | ng    | 100      |
| 67) Hexachlorobenzene          | 16.73 | 284  | 213858   | 37.850 | ng    | 98       |
| 68) Atrazine                   | 16.88 | 200  | 187025   | 35.531 | ng    | 97       |
| 69) Pentachlorophenol          | 17.07 | 266  | 152005   | 39.584 | ng    | 96       |
| 70) Phenanthrene               | 17.47 | 178  | 883348   | 36.835 | ng    | 99       |
| 71) Anthracene                 | 17.56 | 178  | 877039   | 36.688 | ng    | 98       |
| 72) Carbazole                  | 17.83 | 167  | 878031   | 36.778 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.39 | 149  | 970669   | 36.512 | ng    | 100      |
| 74) Fluoranthene               | 19.47 | 202  | 1094569  | 37.436 | ng    | 99       |
| 76) Benzidine                  | 19.65 | 184  | 540334   | 34.570 | ng    | 100      |
| 77) Pyrene                     | 19.83 | 202  | 1106425  | 36.726 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.72 | 149  | 443563   | 36.996 | ng    | 97       |
| 80) Benzo(a)anthracene         | 21.68 | 228  | 1087560  | 36.644 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 444756   | 37.601 | ng    | 99       |
| 82) Chrysene                   | 21.74 | 228  | 1035335  | 36.803 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.59 | 149  | 608260   | 36.255 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.80 | 149  | 1029203  | 36.726 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.56 | 276  | 1216599  | 37.233 | ng    | # 95     |
| 87) Benzo(b)fluoranthene       | 23.89 | 252  | 1083151  | 37.307 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 23.96 | 252  | 1055114  | 37.198 | ng    | 99       |
| 89) Benzo(a)pyrene             | 24.76 | 252  | 1044581  | 37.441 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.63 | 278  | 990436   | 36.773 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 29.70 | 276  | 990585   | 36.598 | ng    | 97       |

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



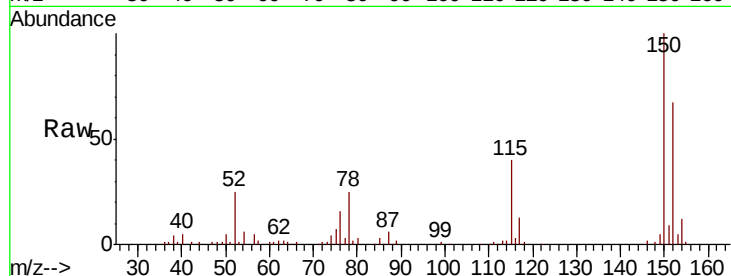


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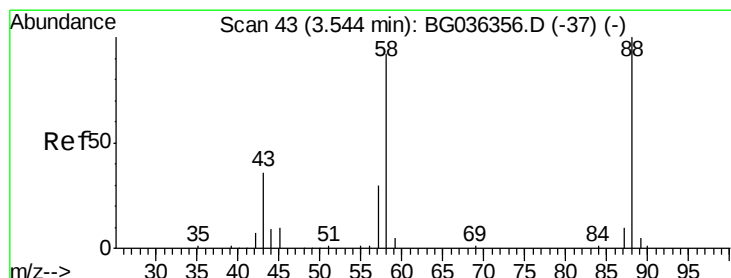
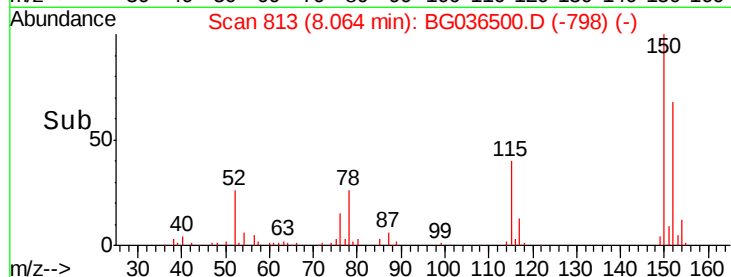
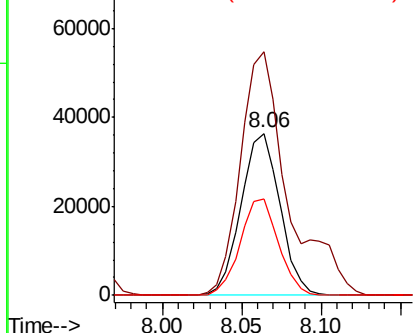
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 62141  
Ion Ratio Lower Upper  
152 100  
150 150.0 119.5 179.3  
115 59.5 44.5 66.7



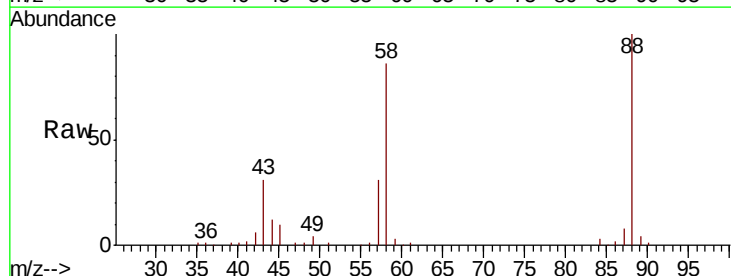
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



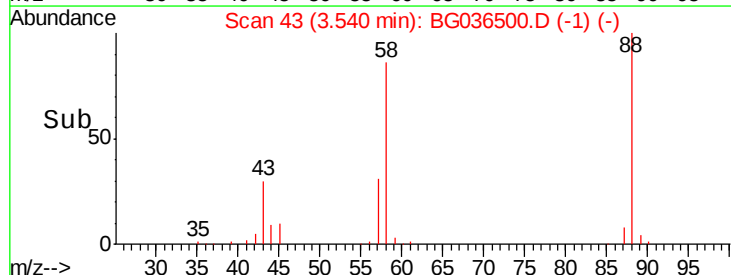
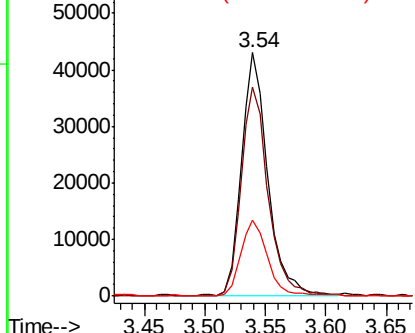
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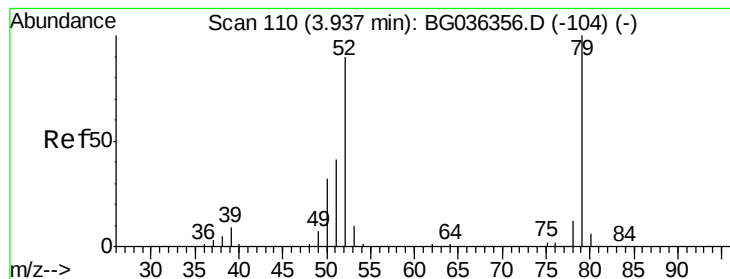
1,4-Dioxane  
Concen: 35.912 ng  
RT: 3.54 min Scan# 43  
Delta R.T. -0.00 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Tgt Ion: 88 Resp: 65653  
Ion Ratio Lower Upper  
88 100  
58 87.9 72.6 109.0  
43 31.9 29.0 43.4



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





#3

Pvridine

Concen: 37.973 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampled :

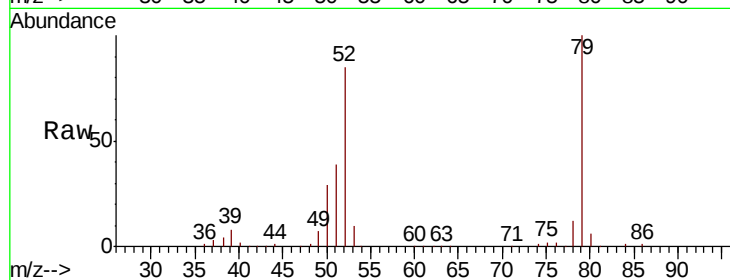
Tot Ion: 79 Resp: 194864

Ion Ratio Lower Upper

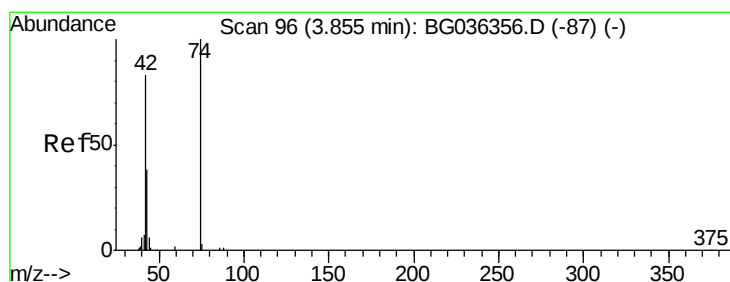
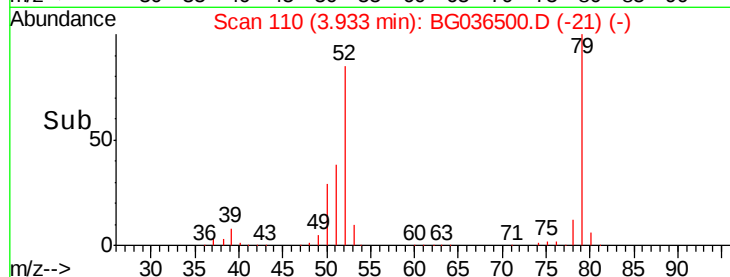
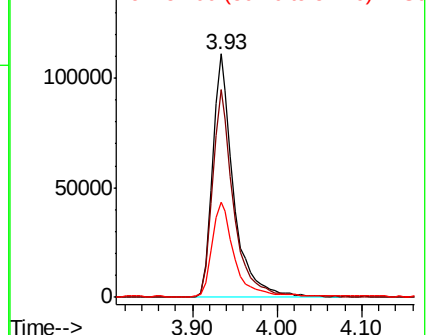
79 100

52 85.4 72.3 108.5

51 38.8 33.8 50.6



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.901 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

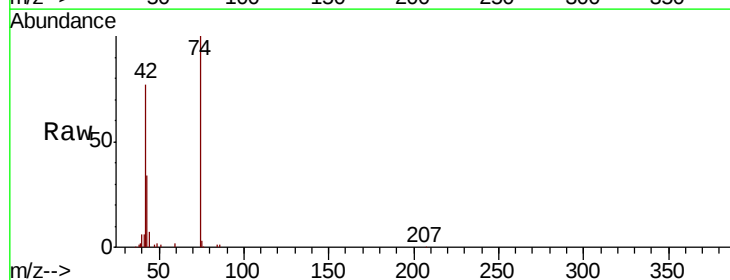
Tgt Ion: 42 Resp: 79770

Ion Ratio Lower Upper

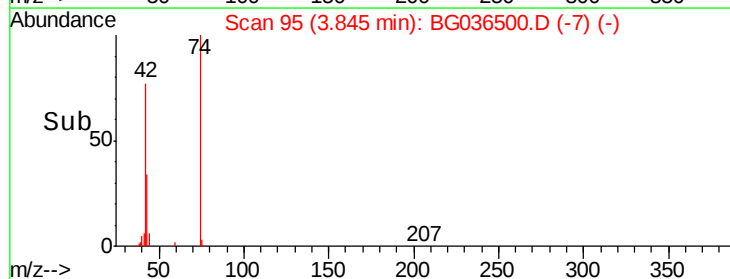
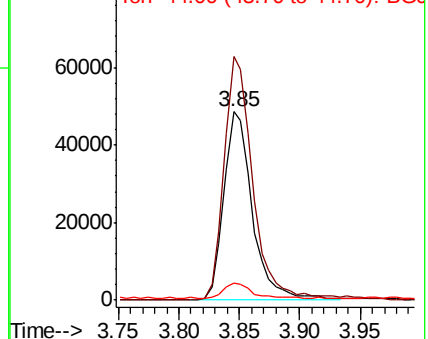
42 100

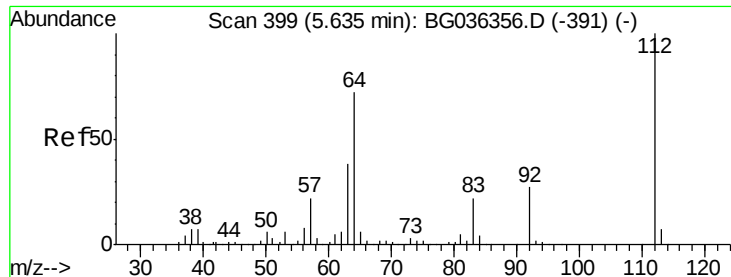
74 129.2 96.6 145.0

44 9.3 7.0 10.4



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 76.810 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampleId :

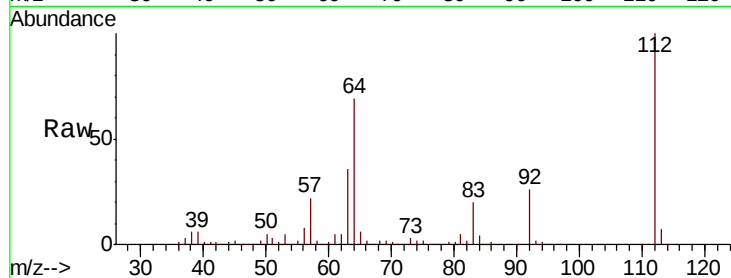
Tot Ion: 112 Resp: 300893

Ion Ratio Lower Upper

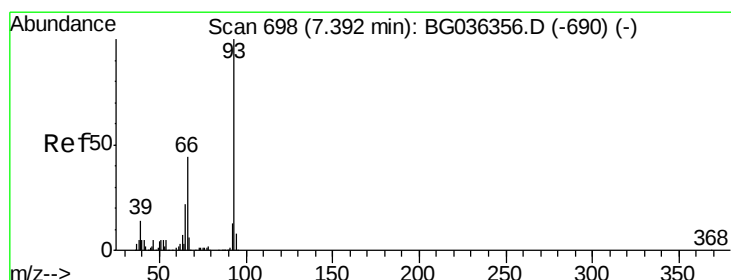
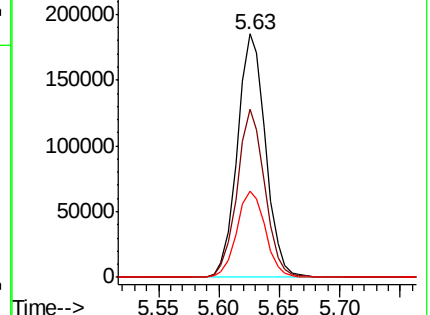
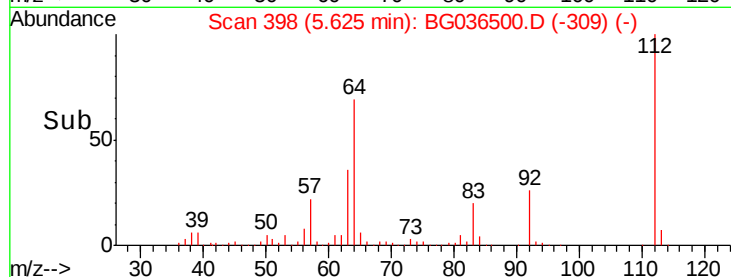
112 100

64 69.3 57.2 85.8

63 35.6 30.8 46.2



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: 37.185 ng

RT: 7.38 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

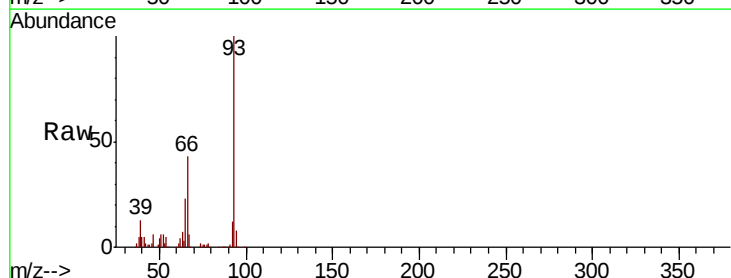
Tgt Ion: 93 Resp: 264731

Ion Ratio Lower Upper

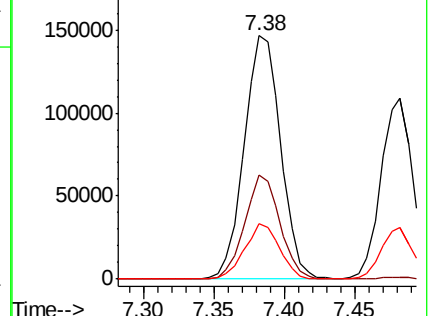
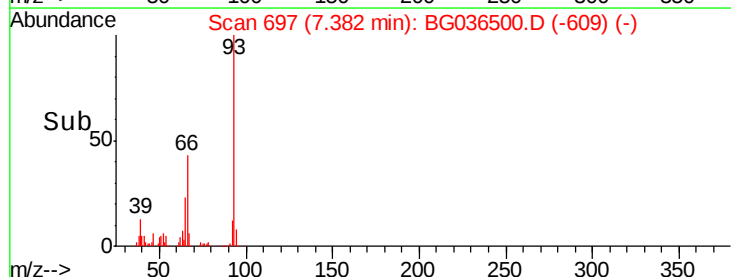
93 100

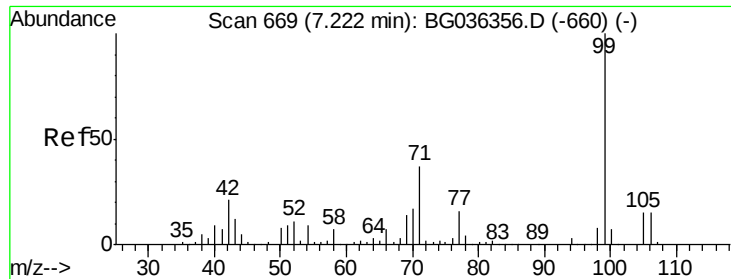
66 42.5 35.0 52.4

65 23.0 17.6 26.4



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.342 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampleId :

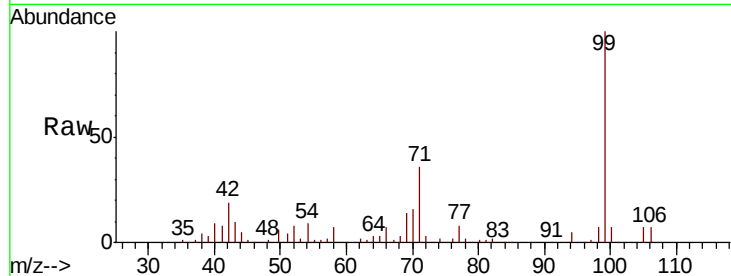
Tot Ion: 99 Resp: 433787

Ion Ratio Lower Upper

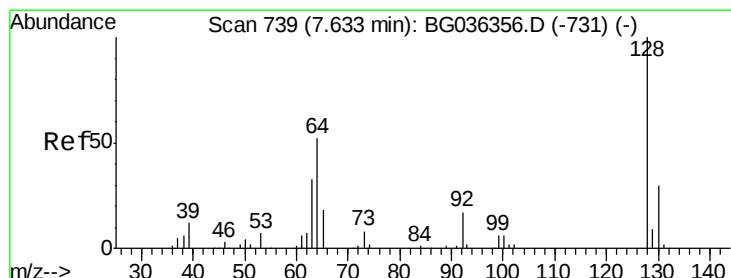
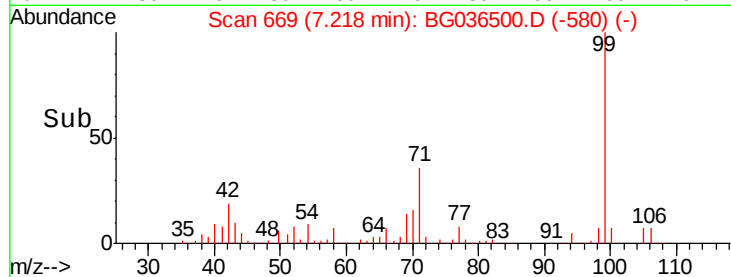
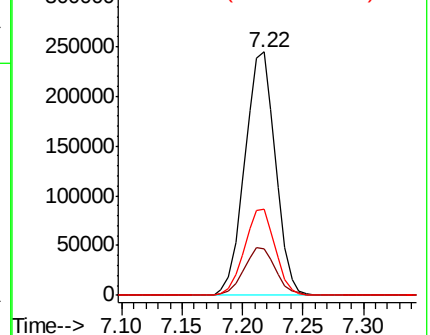
99 100

42 19.3 16.5 24.7

71 35.5 29.4 44.2



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: 37.416 ng

RT: 7.62 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

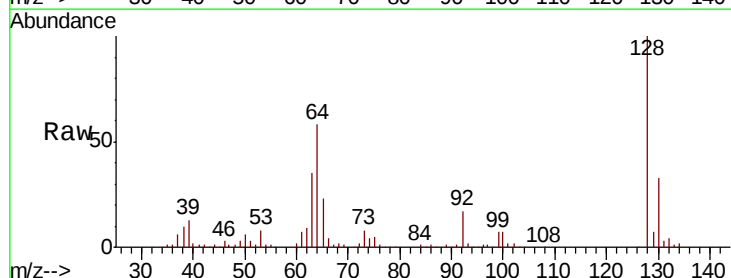
Tgt Ion: 128 Resp: 158950

Ion Ratio Lower Upper

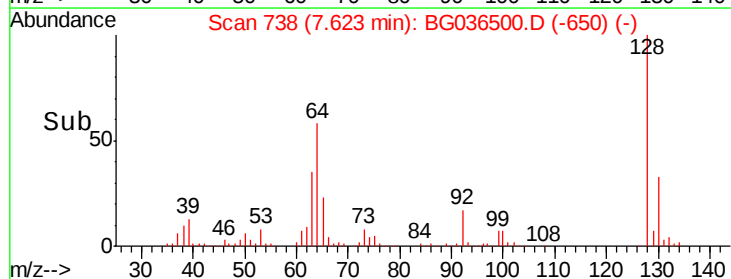
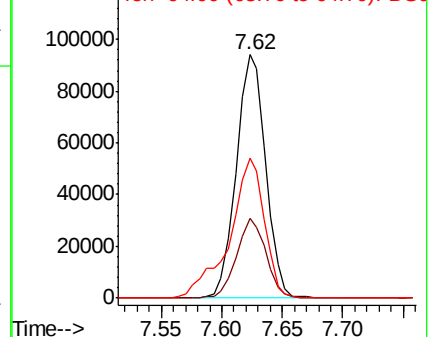
128 100

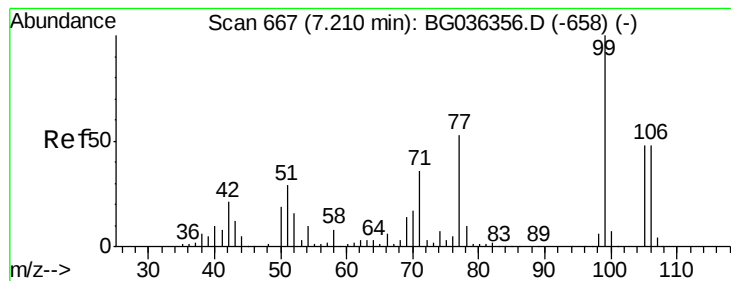
130 32.9 10.0 50.0

64 57.6 36.0 76.0



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





#9

Benzaldehyde

Concen: 35.923 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampled :

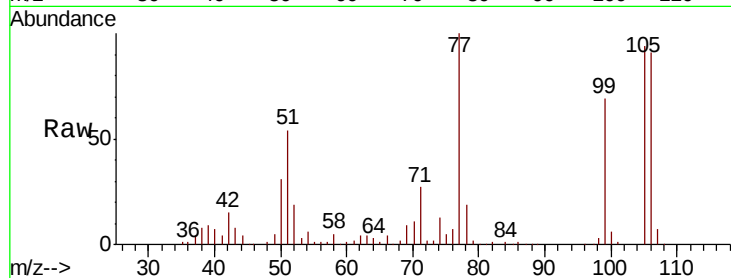
Tot Ion: 77 Resp: 138747

Ion Ratio Lower Upper

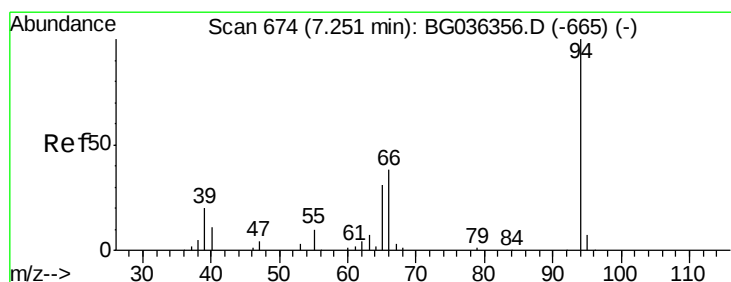
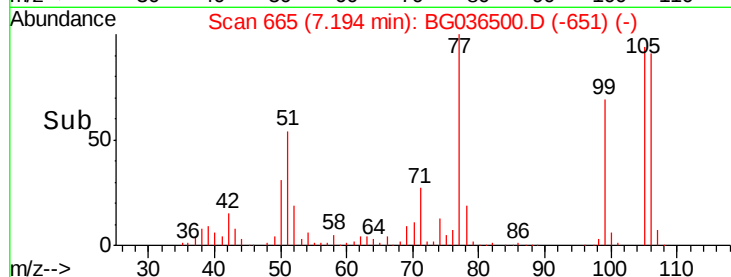
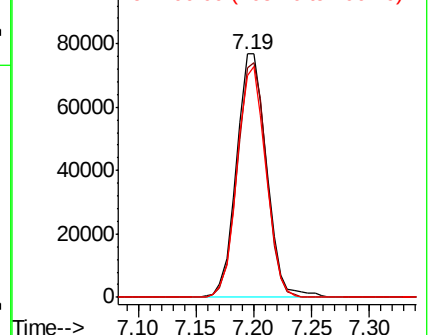
77 100

105 94.1 70.5 110.5

106 91.0 69.8 109.8



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.886 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

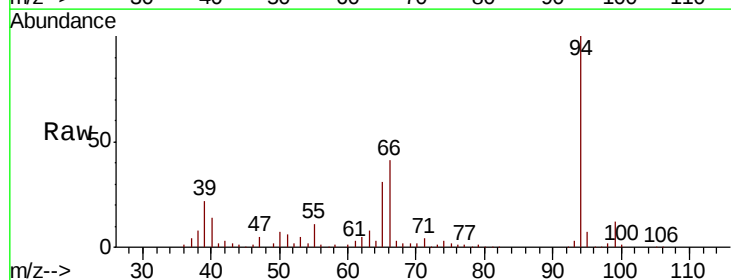
Tgt Ion: 94 Resp: 228240

Ion Ratio Lower Upper

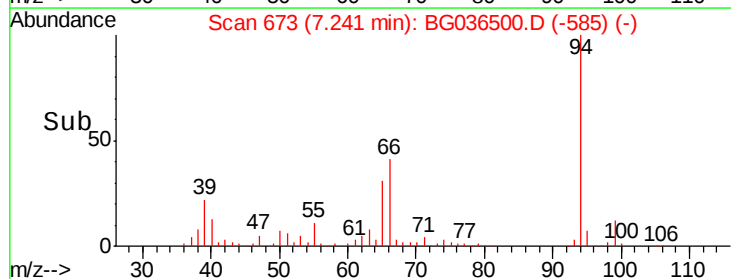
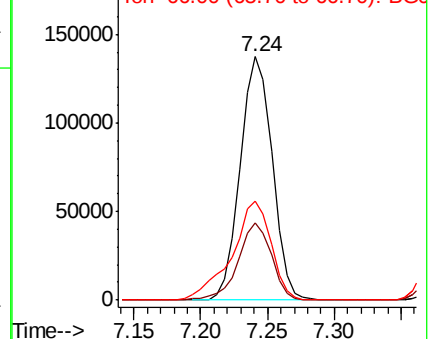
94 100

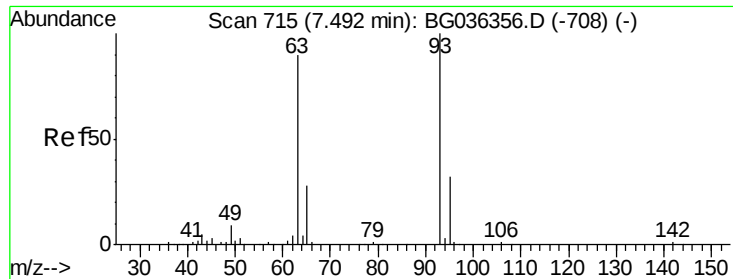
65 31.5 11.5 51.5

66 40.6 19.5 59.5



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

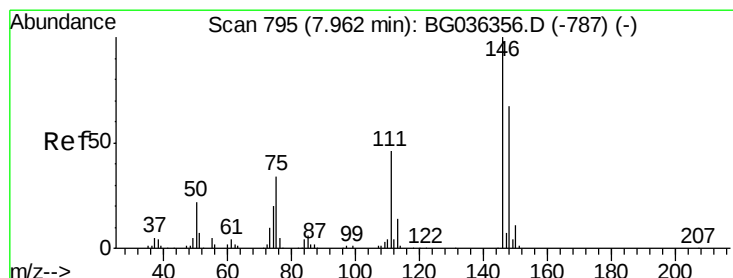
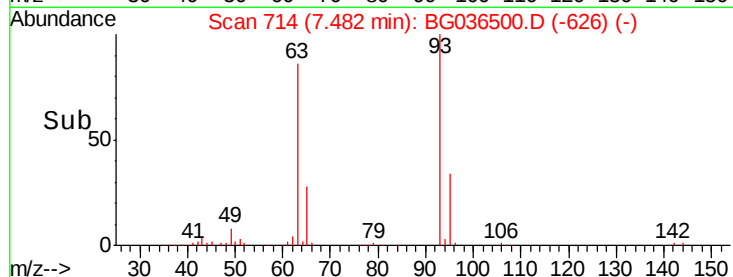
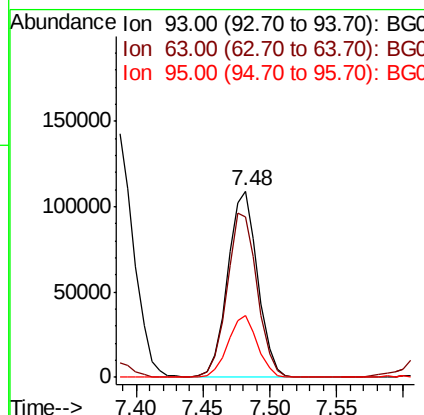
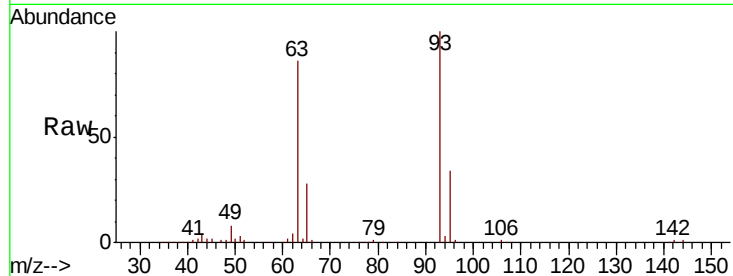




#11  
bis(2-Chloroethyl)ether  
Concen: 36.820 ng  
RT: 7.48 min Scan# 714  
Delta R.T. -0.01 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

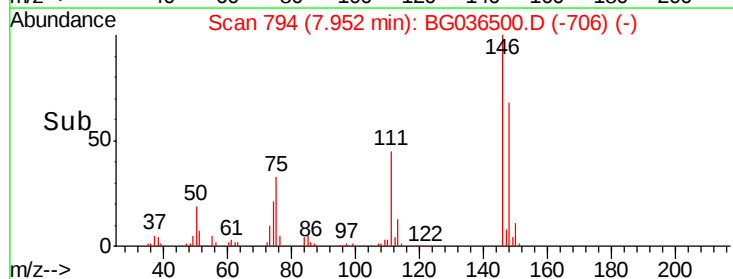
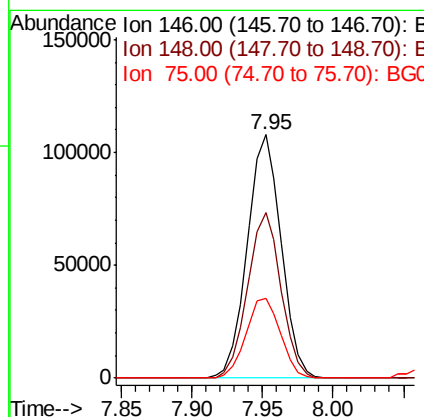
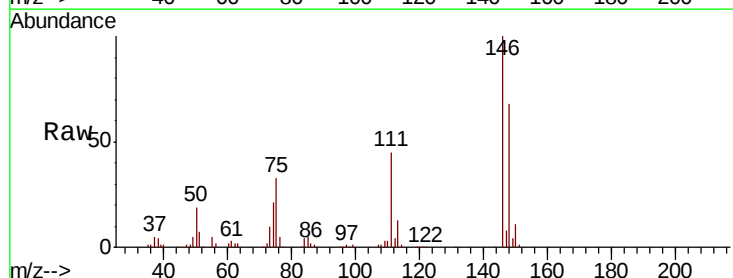
Instrument :  
BNA\_G  
ClientSampled :

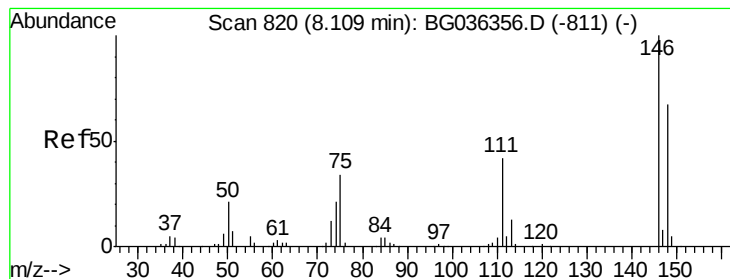
Tot Ion: 93 Resp: 171332  
Ion Ratio Lower Upper  
93 100  
63 86.4 69.9 109.9  
95 33.5 11.7 51.7



#12  
1,3-Dichlorobenzene  
Concen: 37.319 ng  
RT: 7.95 min Scan# 794  
Delta R.T. -0.01 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Tgt Ion: 146 Resp: 181025  
Ion Ratio Lower Upper  
146 100  
148 68.2 53.8 80.6  
75 32.8 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 37.731 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampled :

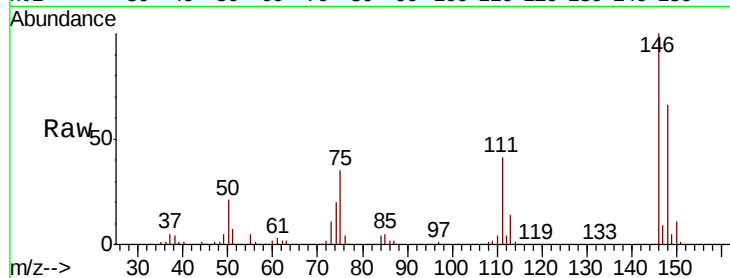
Tot Ion:146 Resp: 184786

Ion Ratio Lower Upper

146 100

148 65.9 53.9 80.9

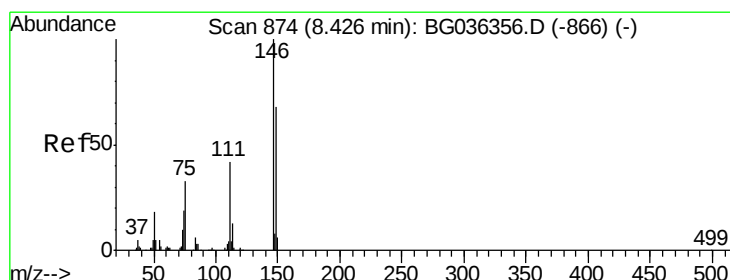
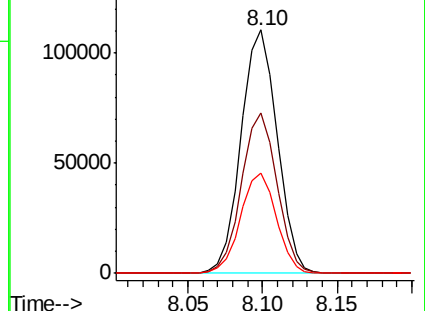
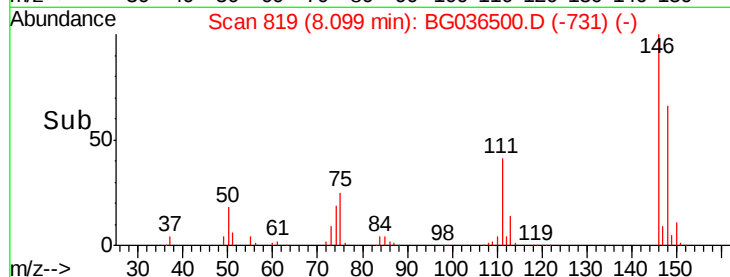
111 41.2 33.8 50.6



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: 37.469 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

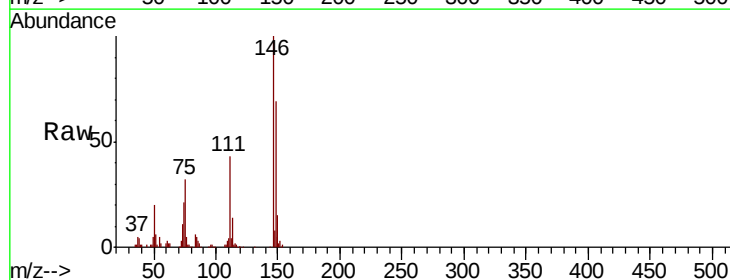
Tgt Ion:146 Resp: 175247

Ion Ratio Lower Upper

146 100

148 69.1 55.0 82.6

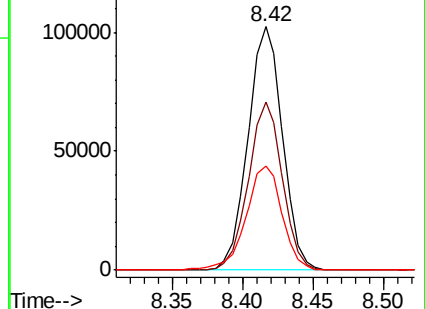
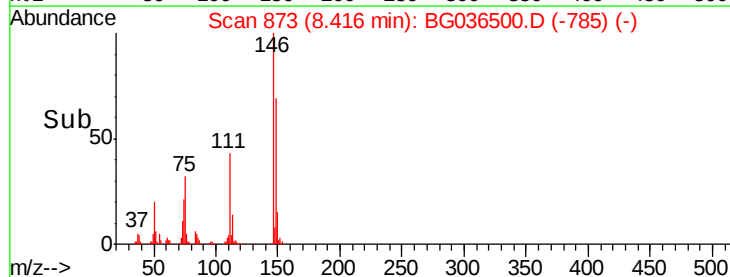
111 43.0 34.6 51.8

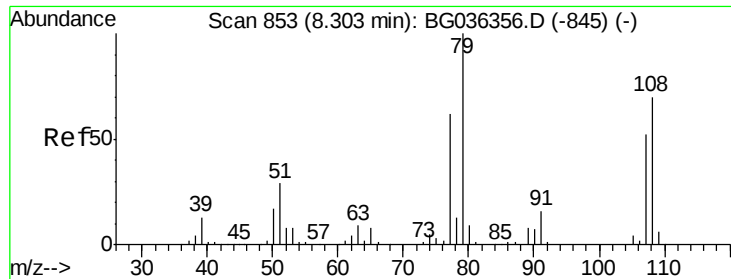


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.033 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :  
BNA\_G  
ClientSampleId :

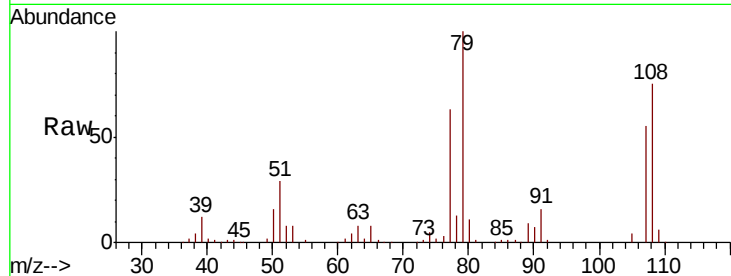
Tot Ion: 79 Resp: 167440

Ion Ratio Lower Upper

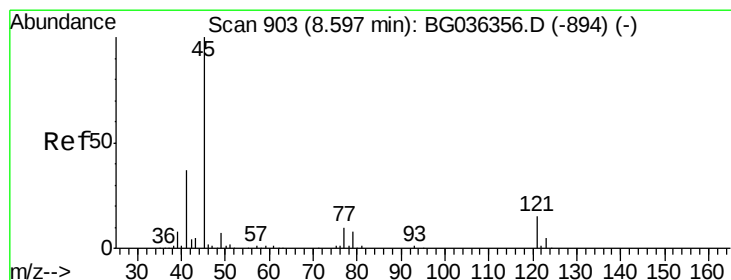
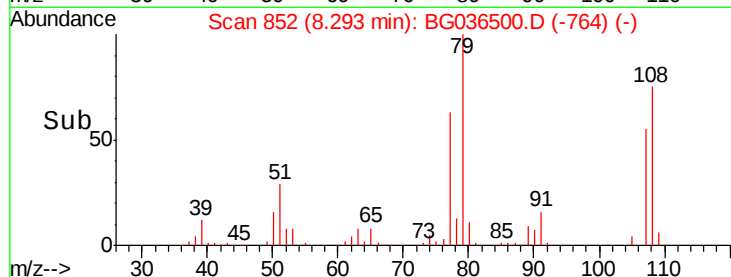
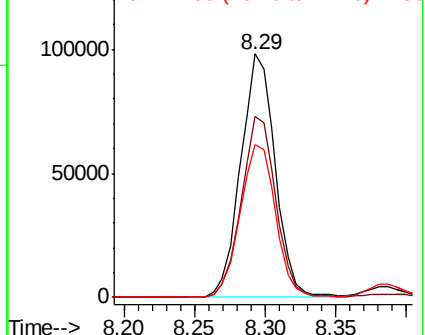
79 100

108 74.6 55.9 83.9

77 63.0 50.0 75.0



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: 33.595 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

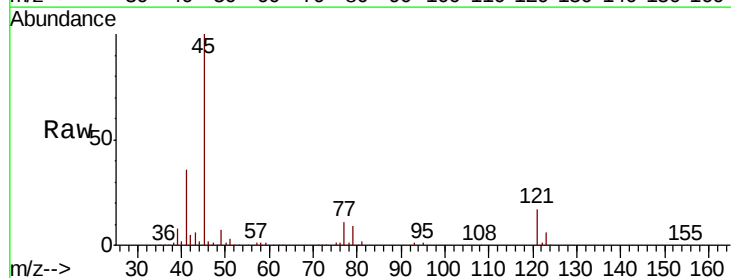
Tgt Ion: 45 Resp: 315255

Ion Ratio Lower Upper

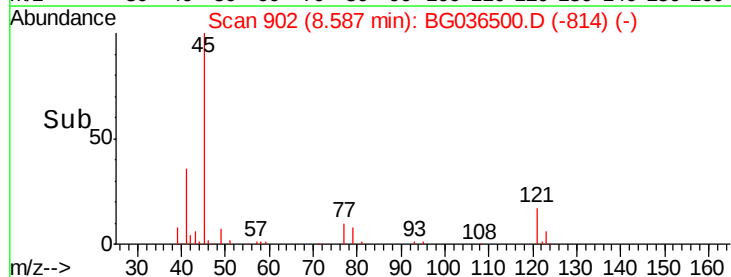
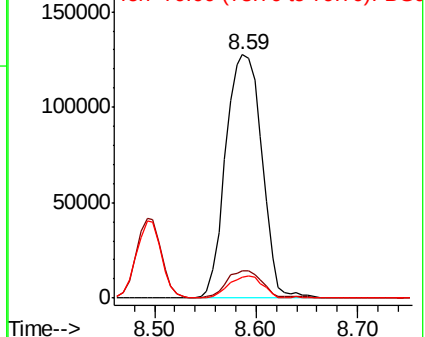
45 100

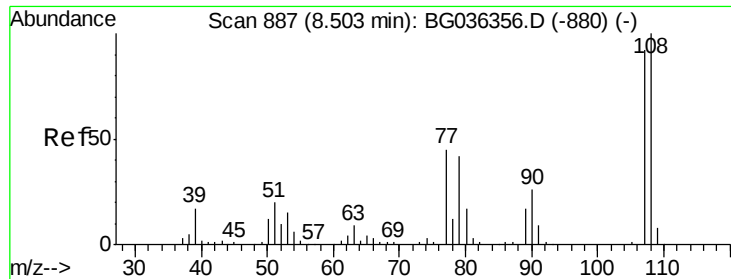
77 11.1 0.0 30.5

79 8.6 0.0 27.9



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

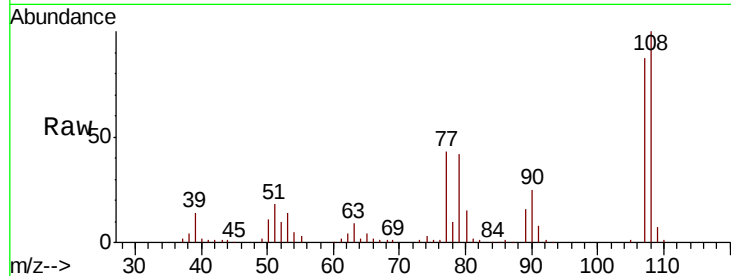




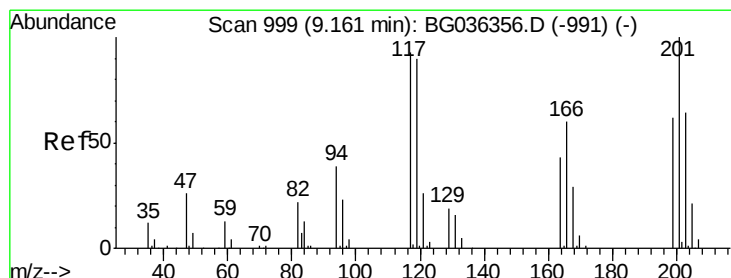
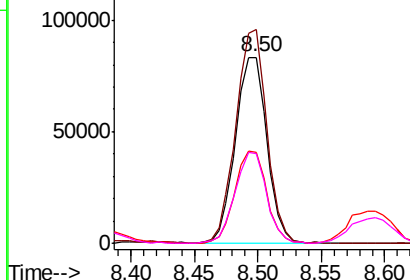
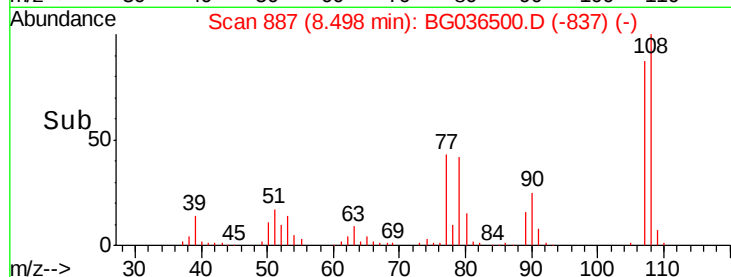
#17  
2-Methylphenol  
Concen: 37.046 ng  
RT: 8.50 min Scan# 887  
Delta R.T. -0.00 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Instrument :  
BNA\_G  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 144379 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.7 | 86.7  | 130.1  |
| 77       | 48.9  | 39.0  | 58.4   |
| 79       | 47.8  | 36.6  | 54.8   |

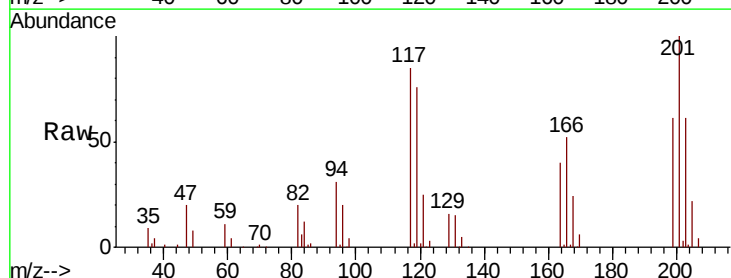


Abundance Ion 107.00 (106.70 to 107.70): E  
150000 Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

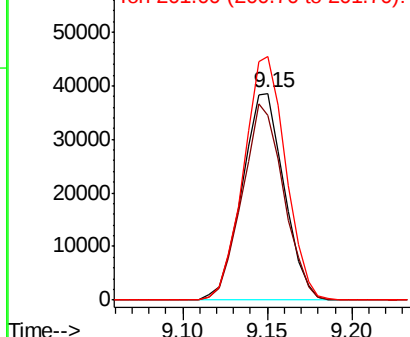
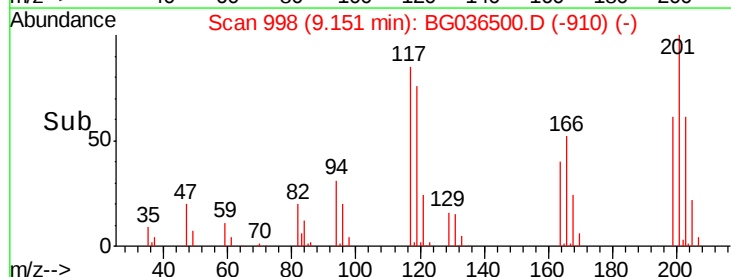


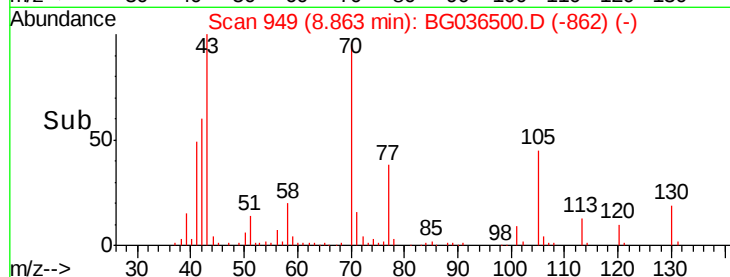
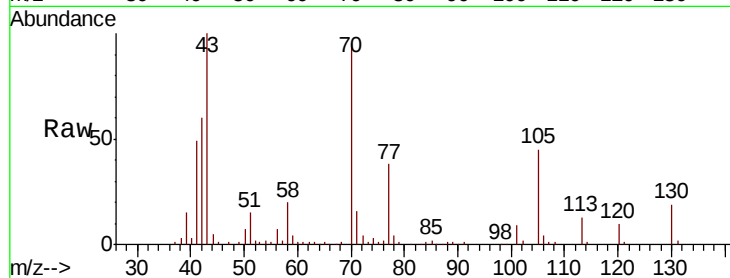
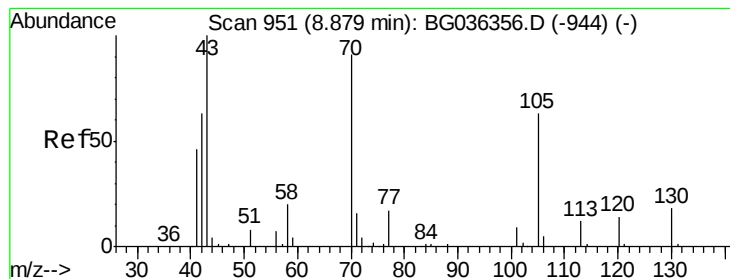
#18  
Hexachloroethane  
Concen: 37.993 ng  
RT: 9.15 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 66713 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 89.4  | 76.8  | 115.2 |
| 201      | 117.5 | 85.7  | 128.5 |



Abundance Ion 117.00 (116.70 to 117.70): E  
60000 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: 34.854 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampled :

Tot Ion: 70 Resp: 146100

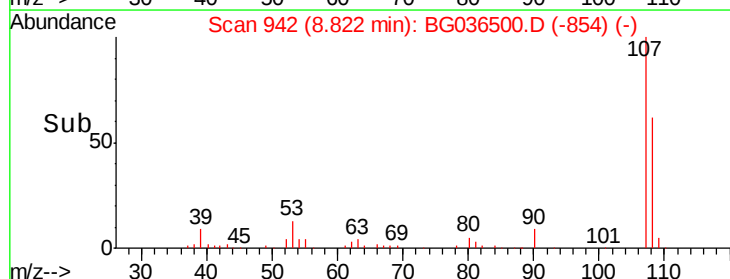
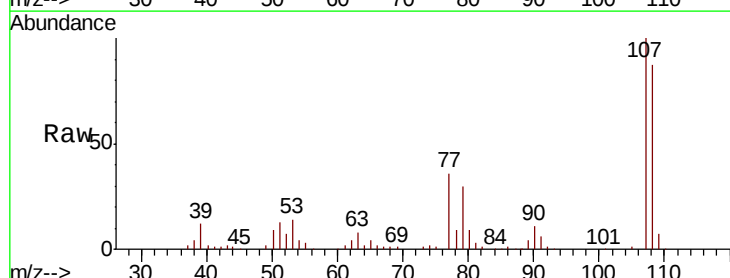
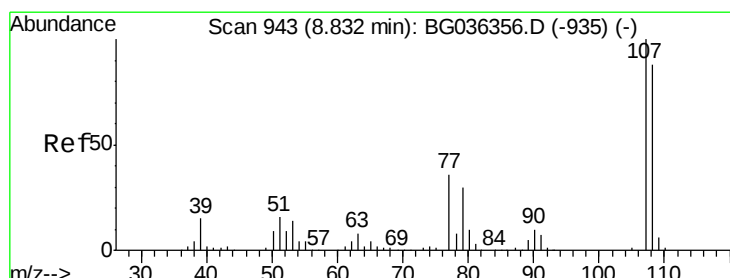
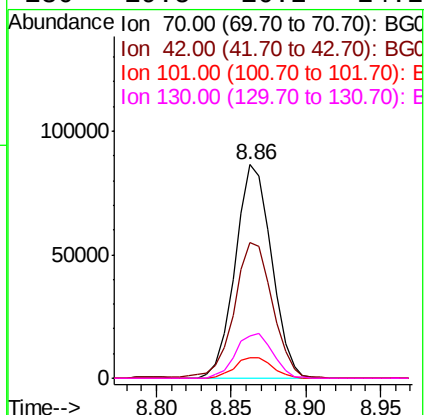
Ion Ratio Lower Upper

70 100

42 63.3 56.2 84.4

101 9.7 7.8 11.6

130 19.5 16.2 24.2



#20

3+4-Methylphenols

Concen: 38.768 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Tgt Ion:107 Resp: 210944

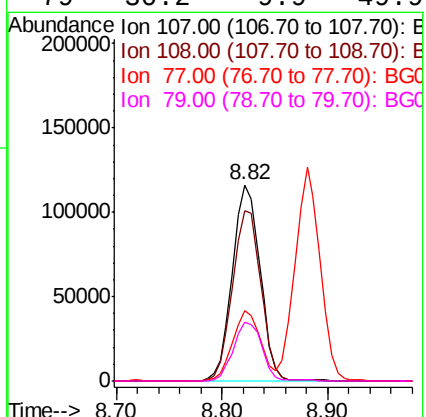
Ion Ratio Lower Upper

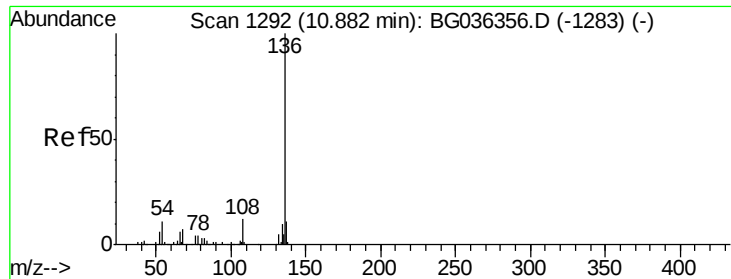
107 100

108 86.9 68.0 108.0

77 36.1 15.6 55.6

79 30.2 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 276843

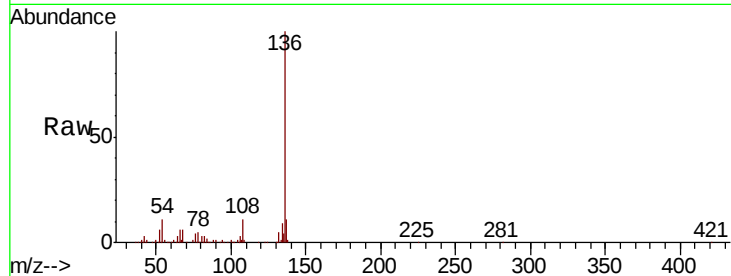
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.5 9.2 13.8

68 5.9 5.8 8.6



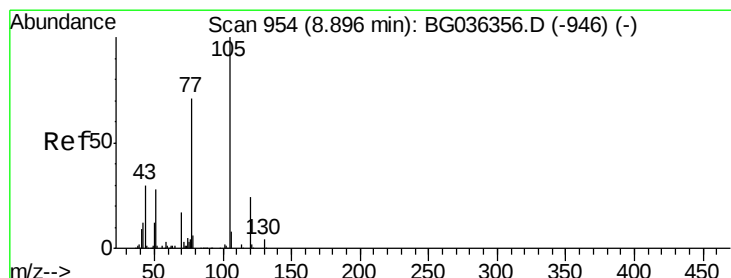
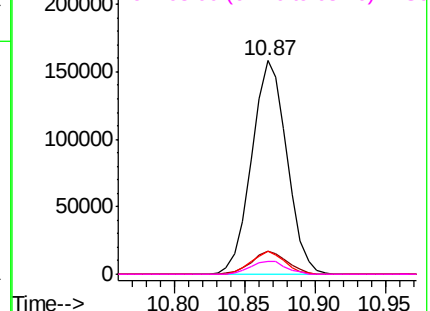
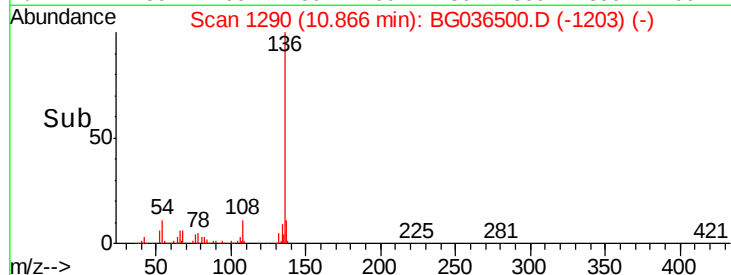
Abundance

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: 36.283 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.02 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Tgt Ion:105 Resp: 263768

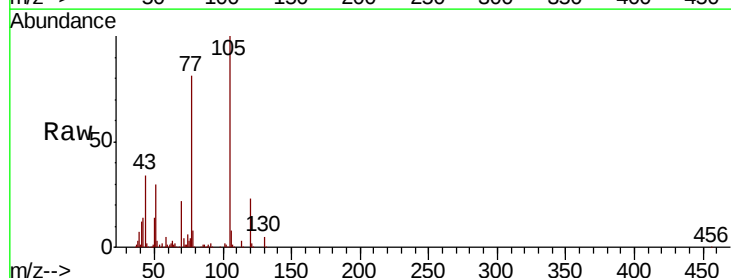
Ion Ratio Lower Upper

105 100

71 3.7 2.4 3.6#

51 30.4 25.9 38.9

120 23.4 19.4 29.0



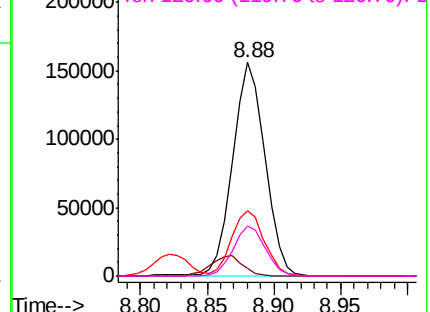
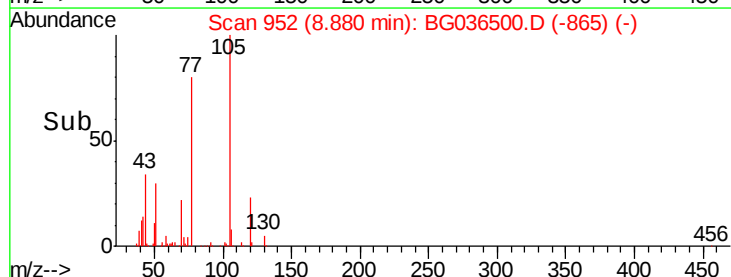
Abundance

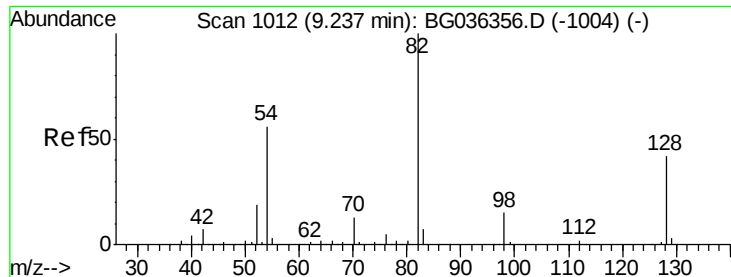
Ion 105.00 (104.70 to 105.70): E

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

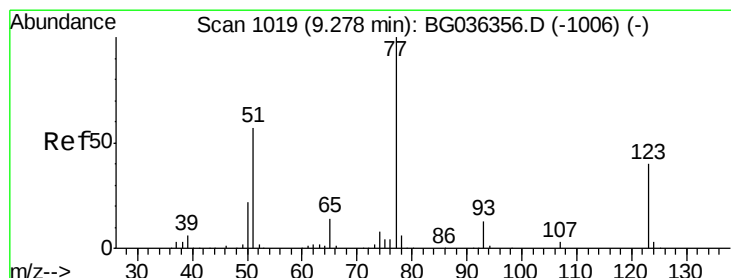
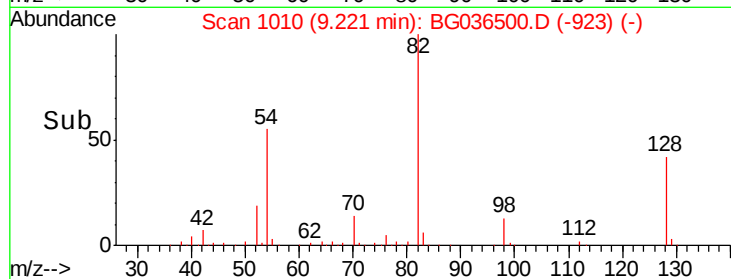
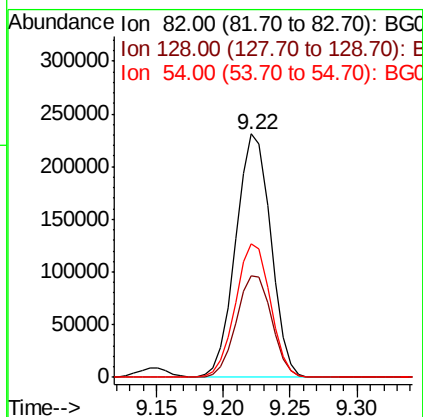
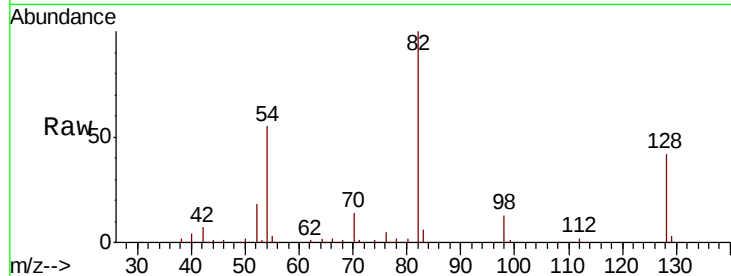




#23  
Nitrobenzene-d5  
Concen: 82.476 ng  
RT: 9.22 min Scan# 1010  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

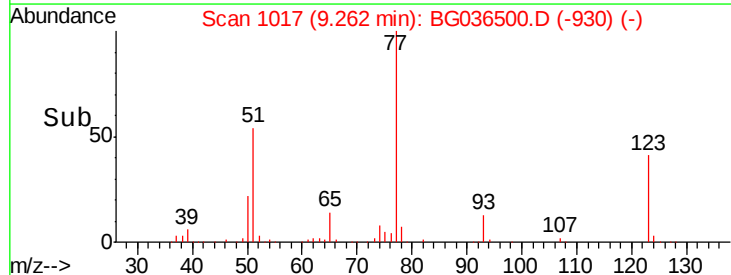
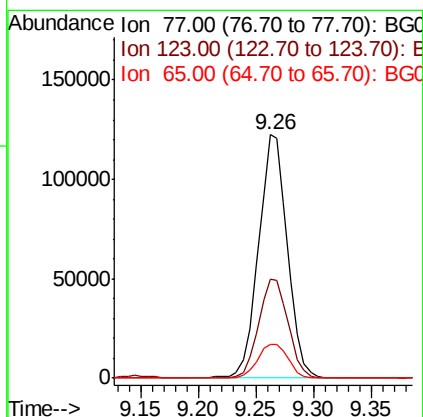
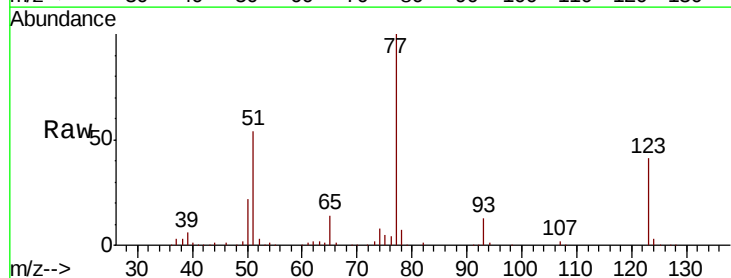
Instrument :  
BNA\_G  
ClientSampleId :

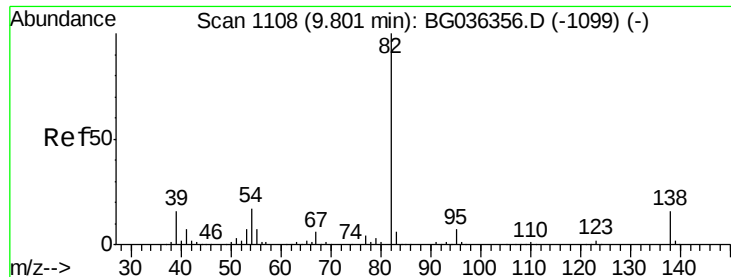
| Tot Ion   | 82   | Resp  | 420831 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 41.9 | 33.3  | 49.9   |
| 54        | 54.9 | 45.1  | 67.7   |



#24  
Nitrobenzene  
Concen: 38.618 ng  
RT: 9.26 min Scan# 1017  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

| Tgt Ion   | 77   | Resp  | 212481 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 40.6 | 32.4  | 48.6   |
| 65        | 13.7 | 11.5  | 17.3   |

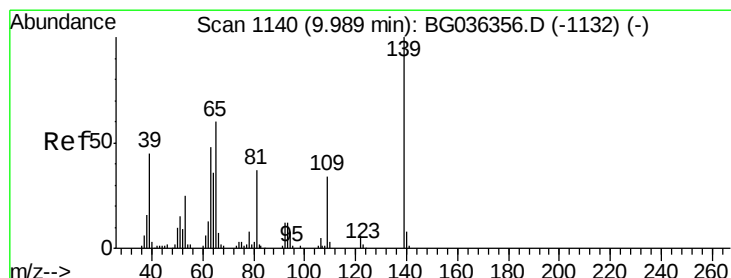
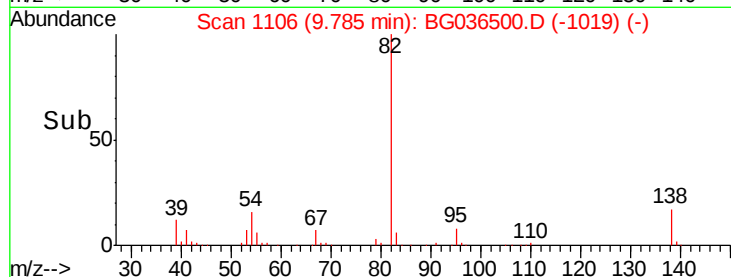
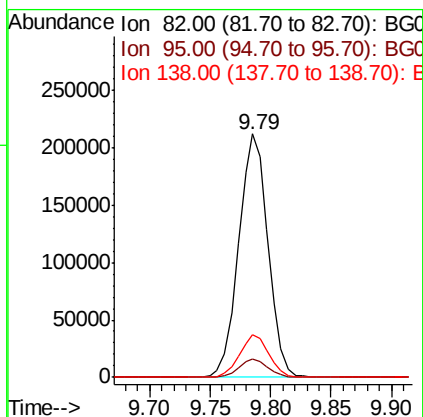
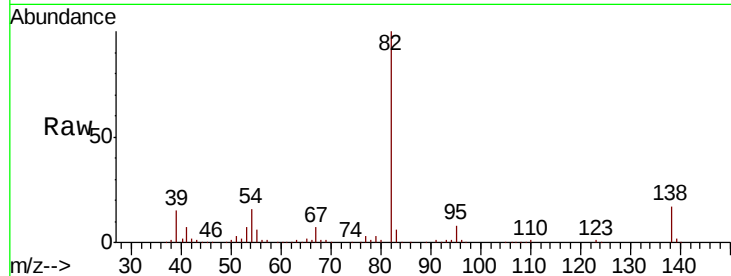




#25  
Isophorone  
Concen: 35.184 ng  
RT: 9.79 min Scan# 1106  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

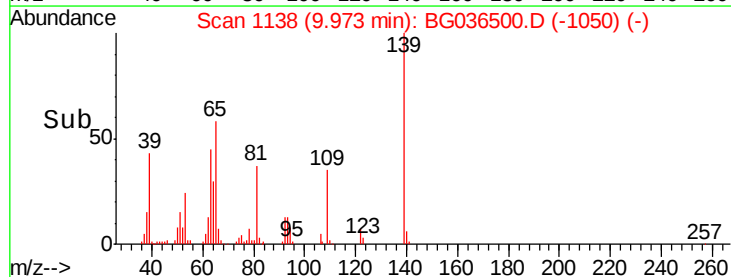
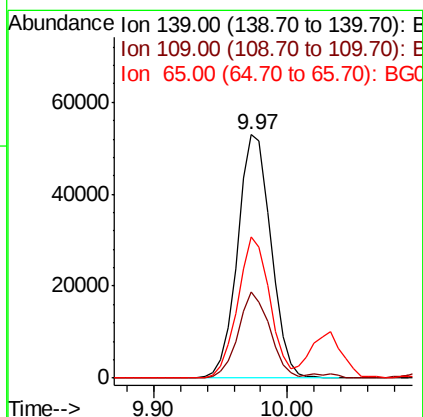
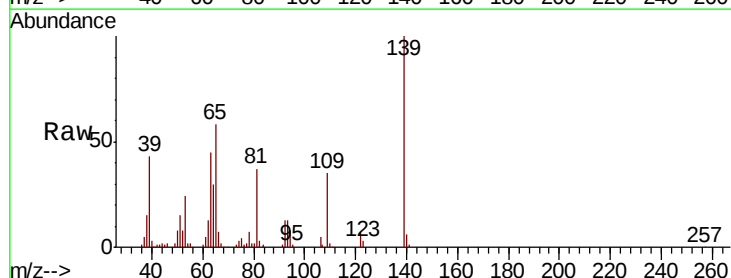
Instrument :  
BNA\_G  
ClientSampleId :

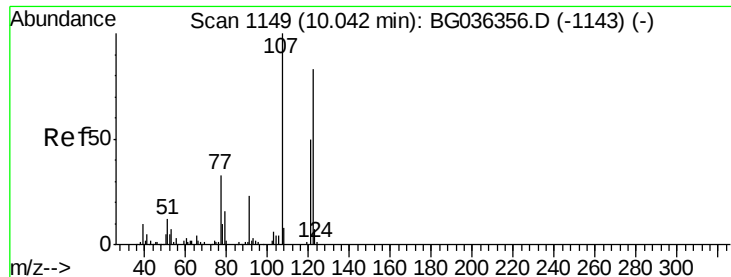
Tot Ion: 82 Resp: 356634  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.8 8.8  
138 17.5 12.9 19.3



#26  
2-Nitrophenol  
Concen: 41.879 ng  
RT: 9.97 min Scan# 1138  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Tgt Ion: 139 Resp: 91309  
Ion Ratio Lower Upper  
139 100  
109 35.2 27.4 41.0  
65 58.2 47.8 71.6

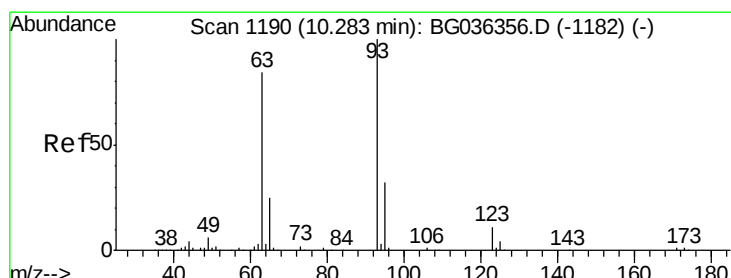
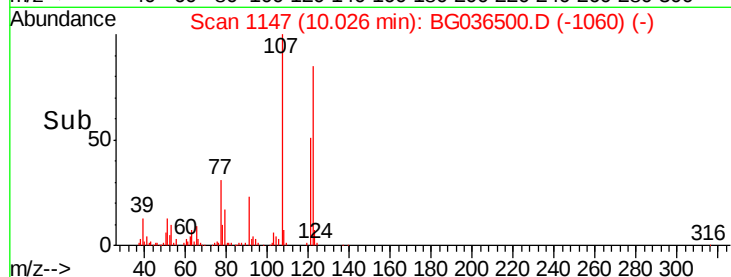
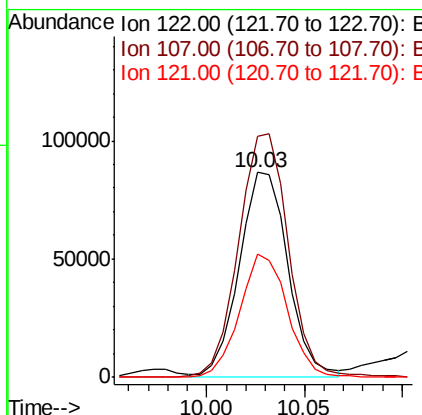
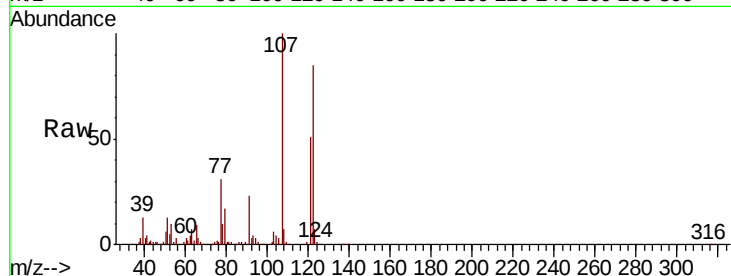




#27  
2,4-Dimethylphenol  
Concen: 36.943 ng  
RT: 10.03 min Scan# 1147  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

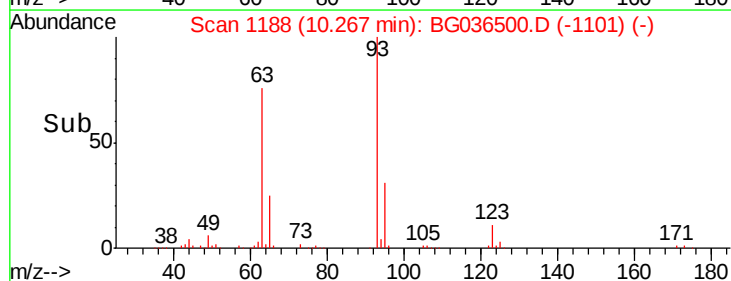
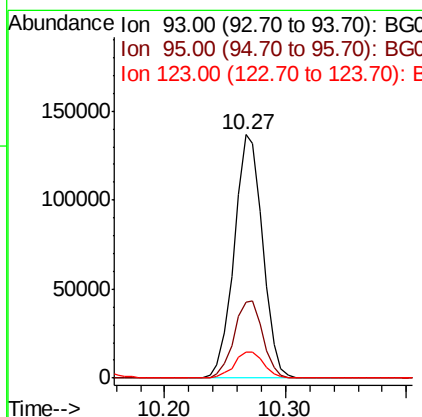
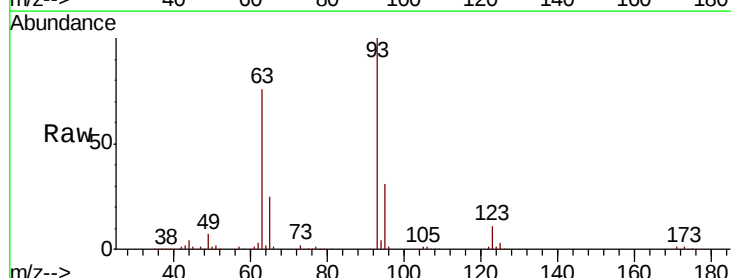
Instrument :  
BNA\_G  
ClientSampleId :

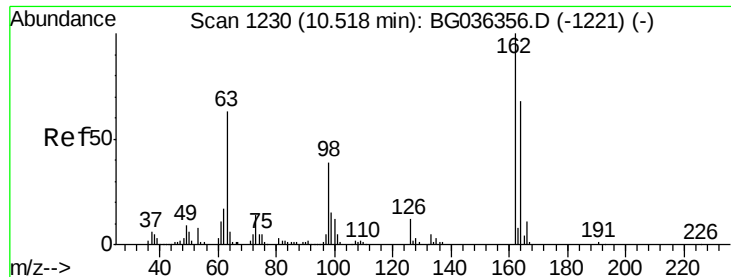
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.5 | 96.0  | 144.0 |
| 121     | 60.2  | 48.2  | 72.4  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.015 ng  
RT: 10.27 min Scan# 1188  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.1  | 25.2  | 37.8  |
| 123     | 10.9  | 8.6   | 12.8  |

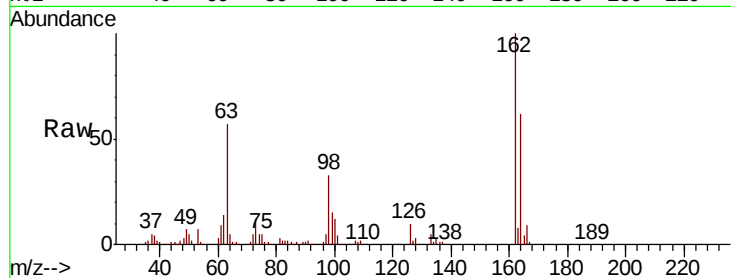




#29  
2,4-Dichlorophenol  
Concen: 41.034 ng  
RT: 10.51 min Scan# 1229  
Delta R.T. -0.01 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.1  | 47.6  | 87.6  |
| 98      | 32.6  | 19.2  | 59.2  |

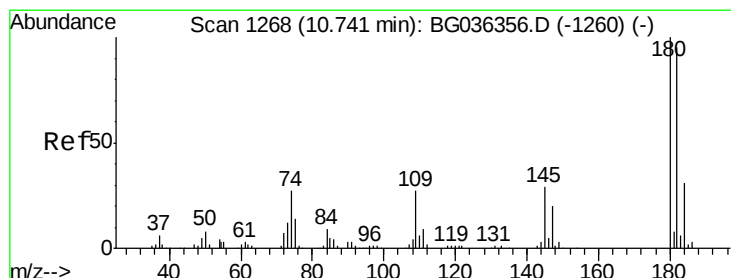
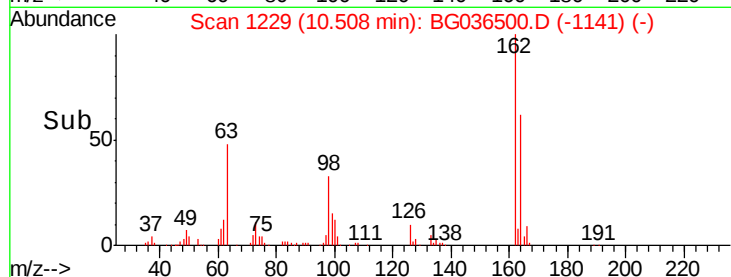
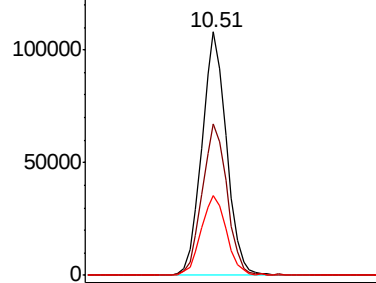


Abundance

Ion 162.00 (161.70 to 162.70): E

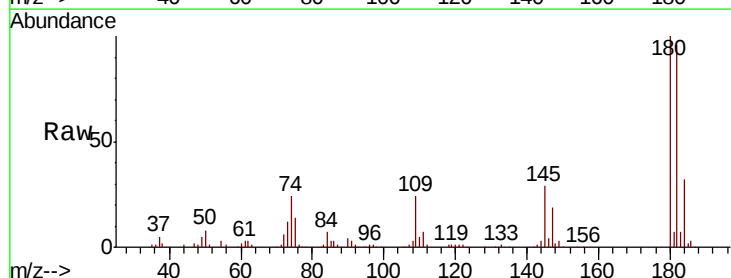
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30  
1,2,4-Trichlorobenzene  
Concen: 38.236 ng  
RT: 10.73 min Scan# 1267  
Delta R.T. -0.01 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 76.0  | 114.0 |
| 145     | 28.9  | 22.9  | 34.3  |

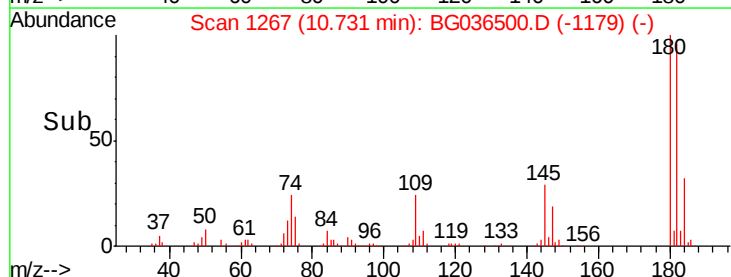
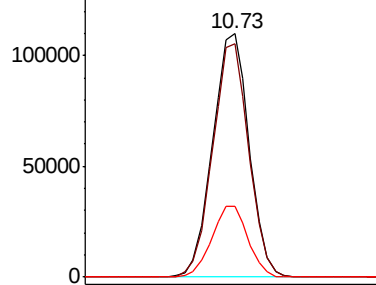


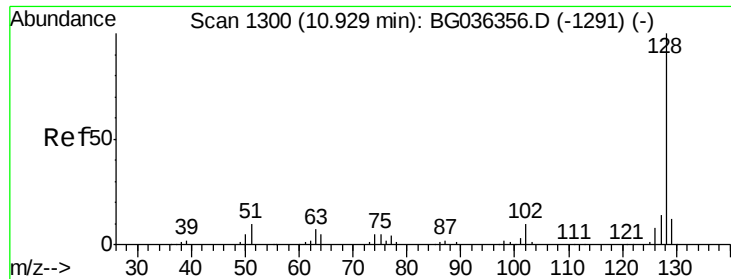
Abundance

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

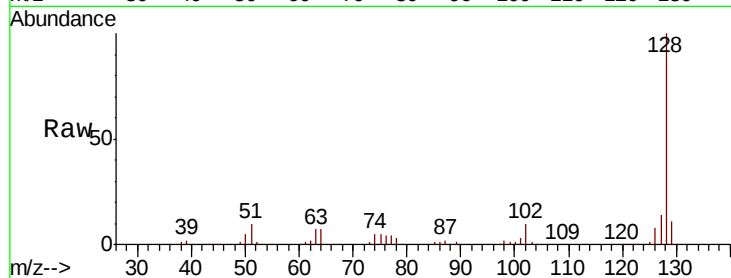




#31  
Naphthalene  
Concen: 37.205 ng  
RT: 10.92 min Scan# 1299  
Delta R.T. -0.01 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 9.4   | 14.2  |
| 127     | 13.7  | 11.0  | 16.4  |

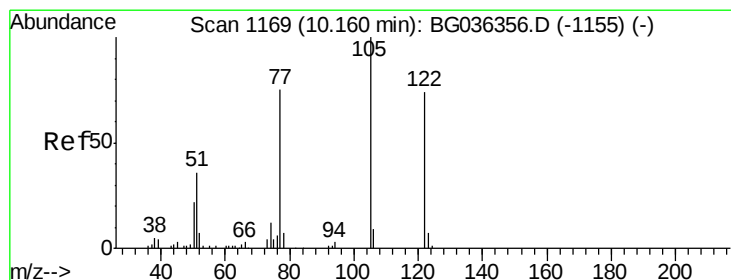
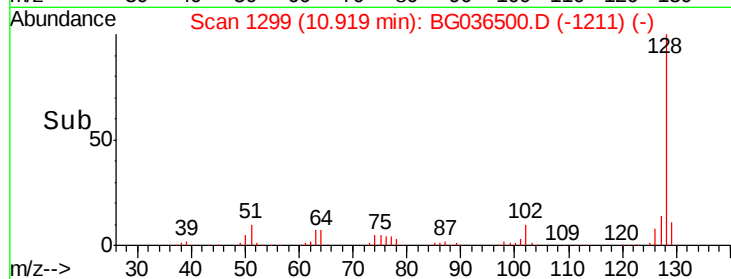
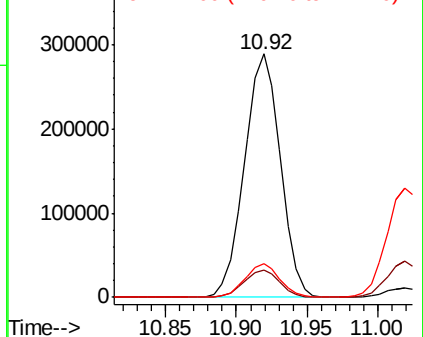


Abundance

Ion 128.00 (127.70 to 128.70): E

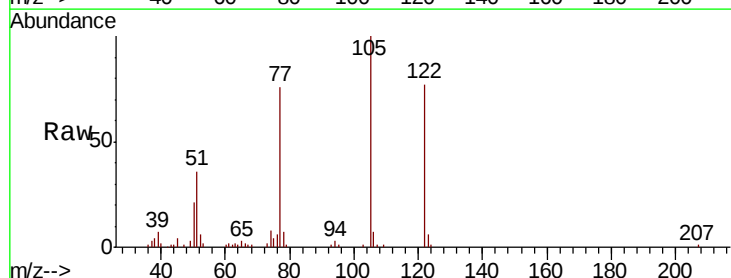
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 35.259 ng  
RT: 10.16 min Scan# 1169  
Delta R.T. -0.00 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 130.5 | 108.1 | 148.1 |
| 77      | 98.6  | 76.3  | 116.3 |

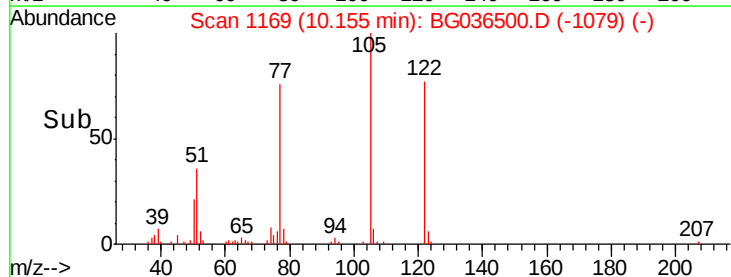
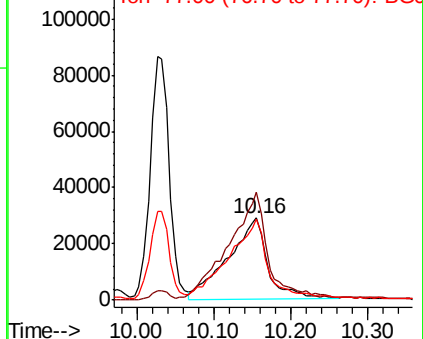


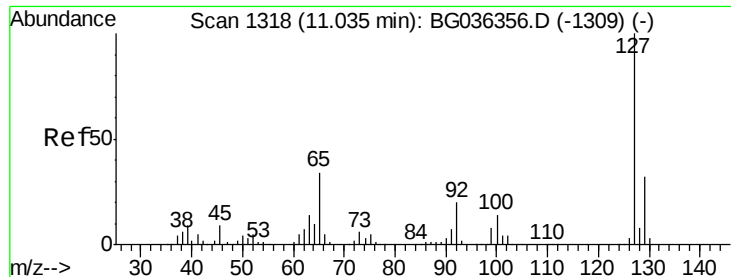
Abundance

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

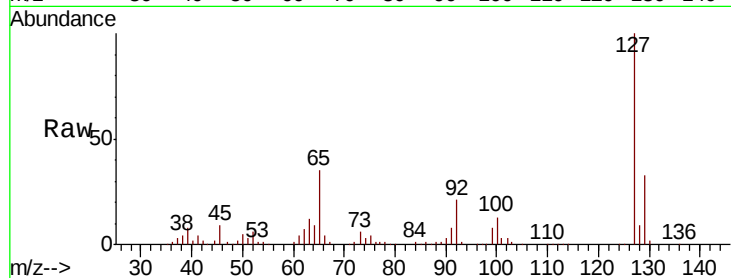




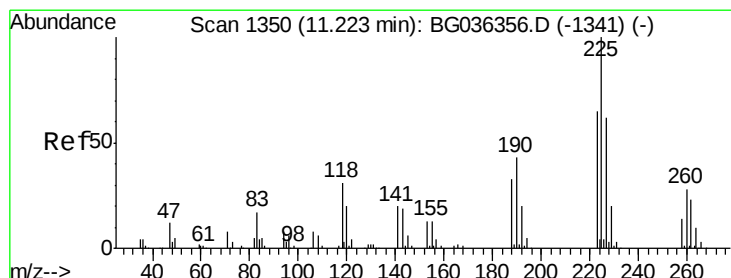
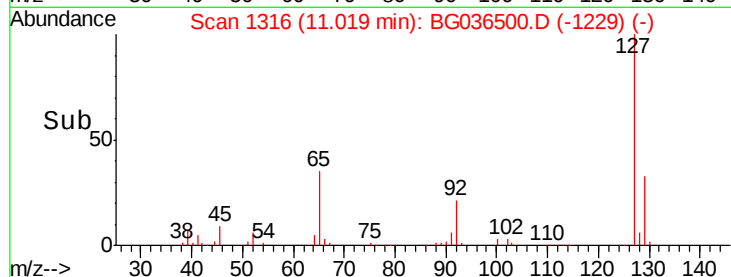
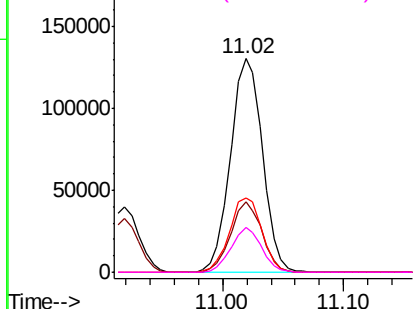
#33  
4-Chloroaniline  
Concen: 37.990 ng  
RT: 11.02 min Scan# 1316  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 240919 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.1  | 25.9  | 38.9   |
| 65       | 35.1  | 27.5  | 41.3   |
| 92       | 20.9  | 16.2  | 24.2   |

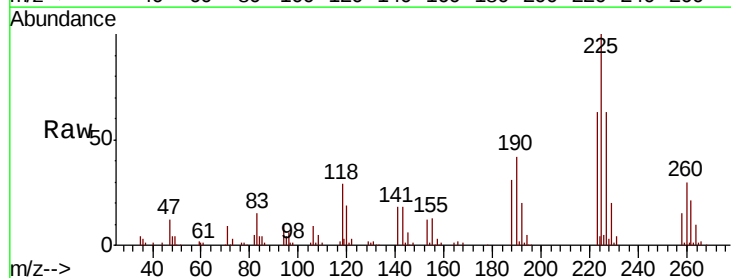


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGO  
Ion 92.00 (91.70 to 92.70): BGO

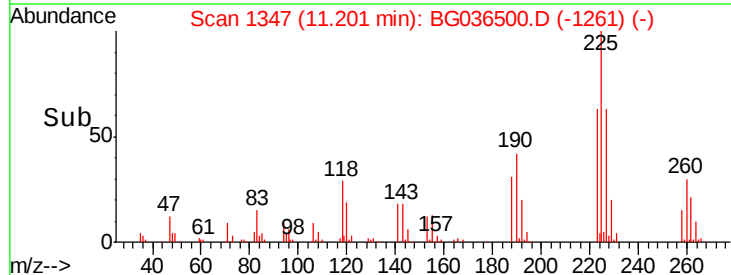
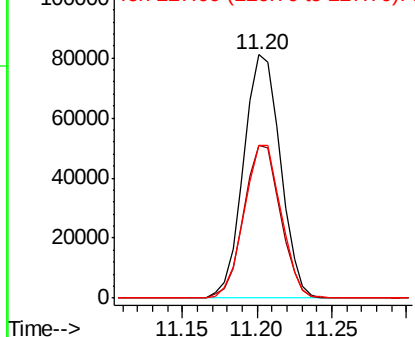


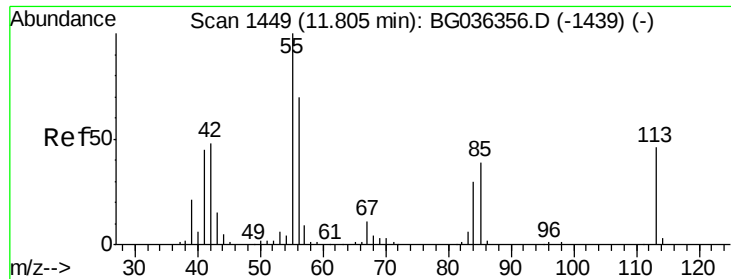
#34  
Hexachlorobutadiene  
Concen: 39.708 ng  
RT: 11.20 min Scan# 1347  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 138072 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.8  | 51.8  | 77.8   |
| 227      | 62.8  | 49.8  | 74.6   |



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

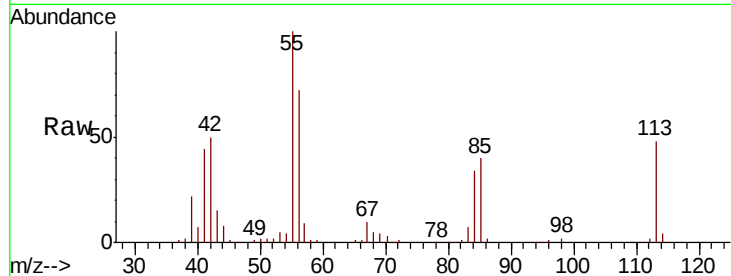




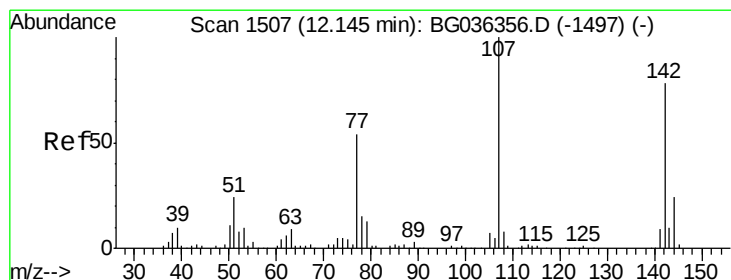
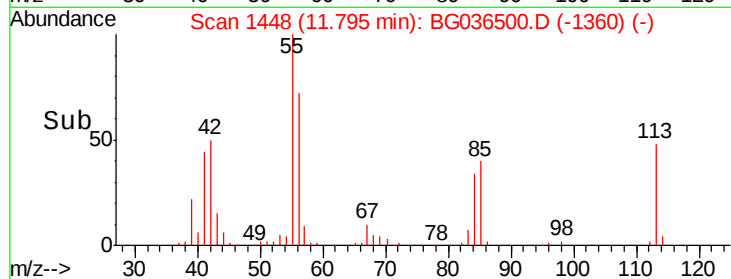
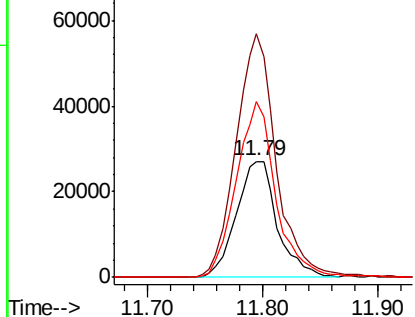
#35  
 Caprolactam  
 Concen: 37.793 ng  
 RT: 11.79 min Scan# 1448  
 Delta R.T. -0.01 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:113 Resp: 66603  
 Ion Ratio Lower Upper  
 113 100  
 55 210.4 197.7 237.7  
 56 151.8 131.7 171.7

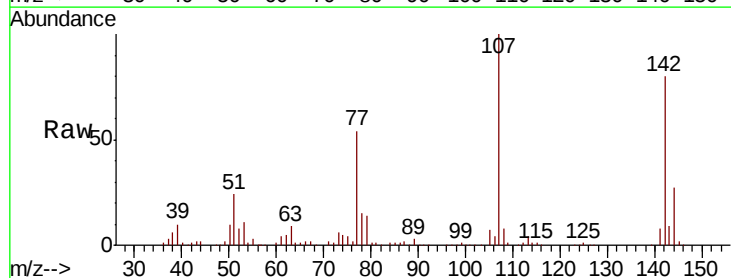


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BG  
 Ion 56.00 (55.70 to 56.70): BG

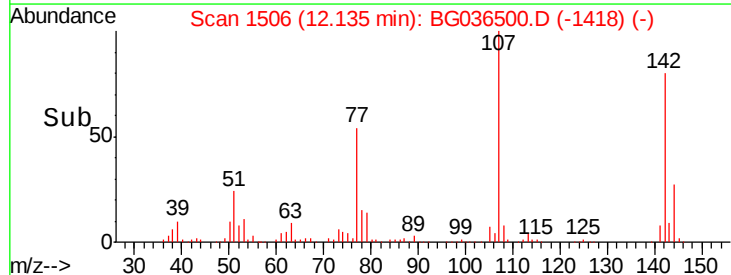
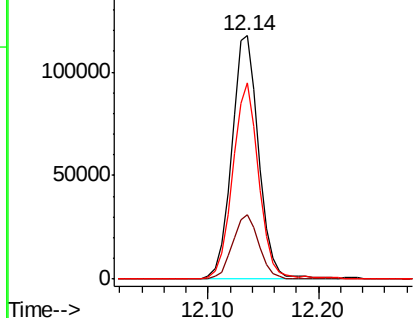


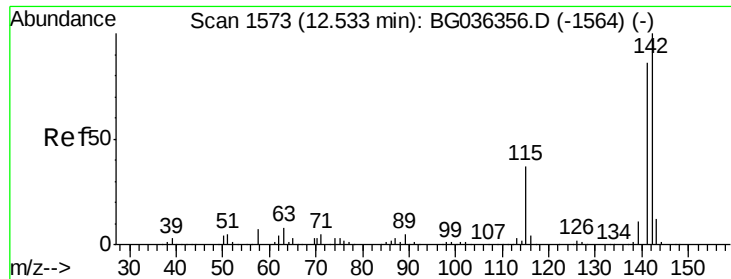
#36  
 4-Chloro-3-methylphenol  
 Concen: 38.955 ng  
 RT: 12.14 min Scan# 1506  
 Delta R.T. -0.01 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Tgt Ion:107 Resp: 200243  
 Ion Ratio Lower Upper  
 107 100  
 144 26.6 19.5 29.3  
 142 80.5 62.4 93.6



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

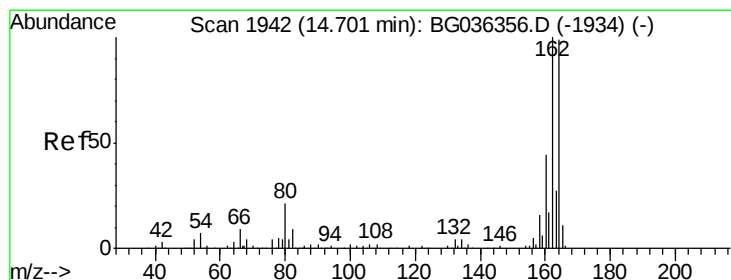
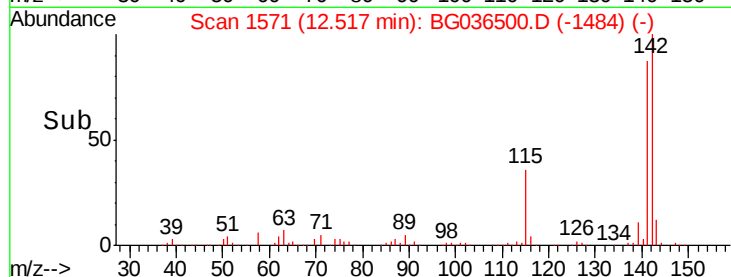
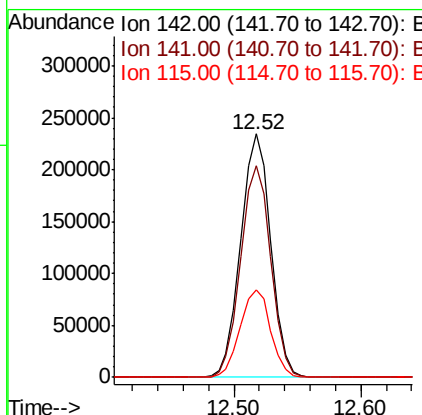
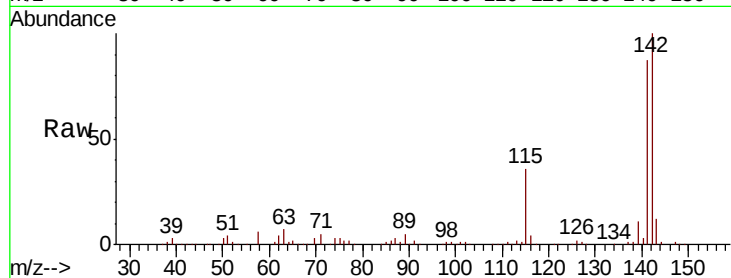




#37  
 2-Methylnaphthalene  
 Concen: 38.100 ng  
 RT: 12.52 min Scan# 1571  
 Delta R.T. -0.02 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

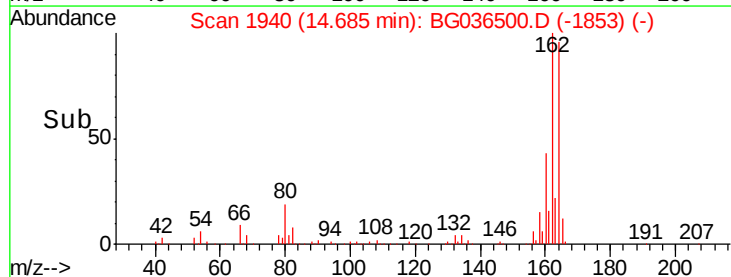
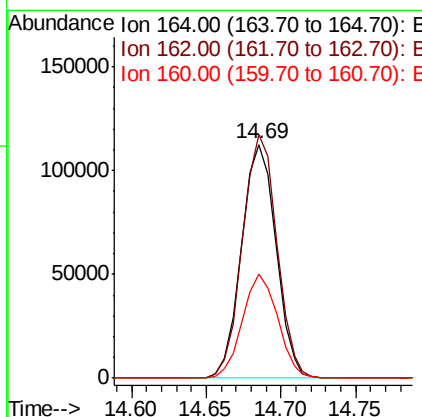
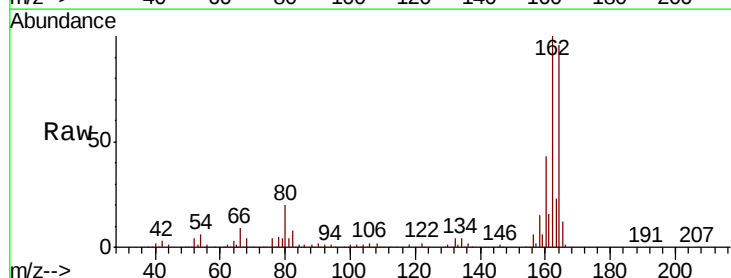
Instrument :  
 BNA\_G  
 ClientSampleId :

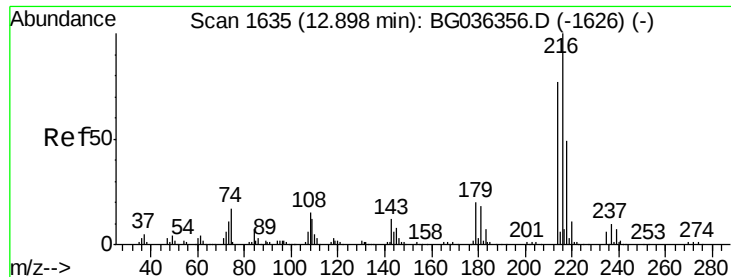
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.1  | 68.5  | 102.7 |
| 115     | 36.0  | 29.8  | 44.8  |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.69 min Scan# 1940  
 Delta R.T. -0.02 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.3 | 80.7  | 121.1 |
| 160     | 44.3  | 35.3  | 52.9  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.083 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.02 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:216 Resp: 243175

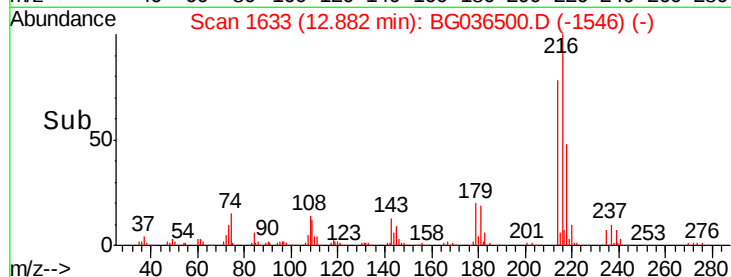
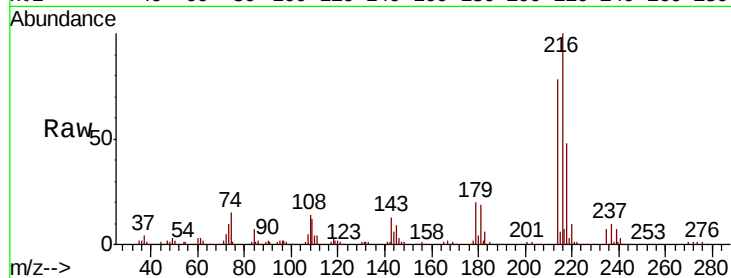
Ion Ratio Lower Upper

216 100

214 77.7 61.0 91.6

179 19.6 15.7 23.5

108 15.3 13.1 19.7

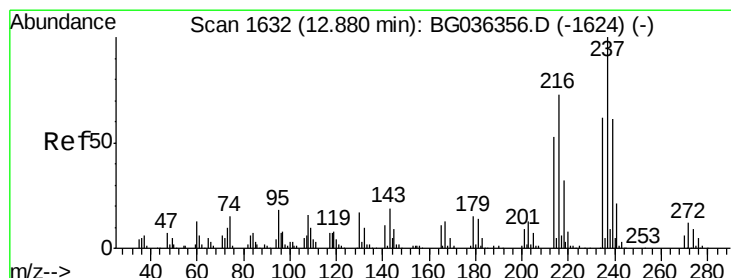
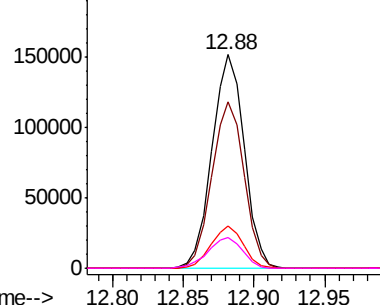


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 37.649 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

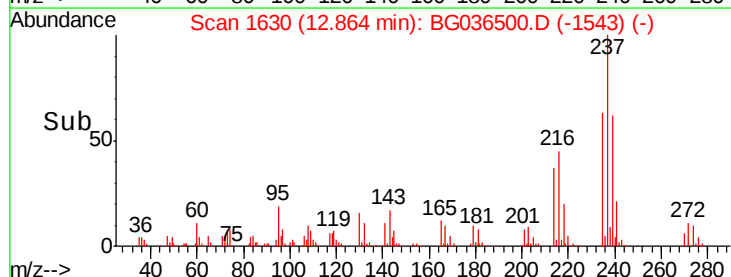
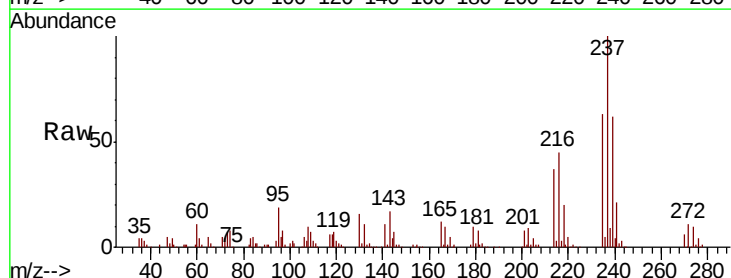
Tgt Ion:237 Resp: 125082

Ion Ratio Lower Upper

237 100

235 63.5 42.2 82.2

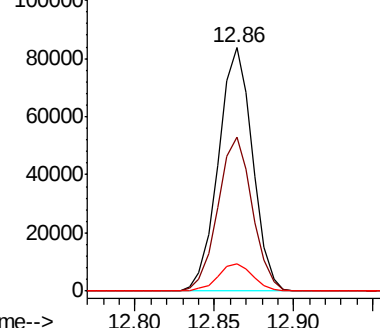
272 11.2 0.0 32.1

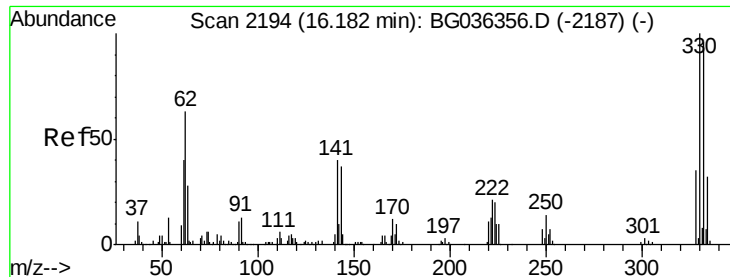


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

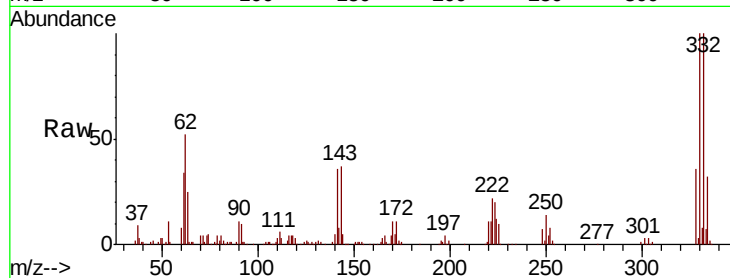




#41  
 2,4,6-Tribromophenol  
 Concen: 85.989 ng  
 RT: 16.17 min Scan# 2193  
 Delta R.T. -0.01 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 75.4  | 113.2 |
| 141     | 36.8  | 30.7  | 46.1  |

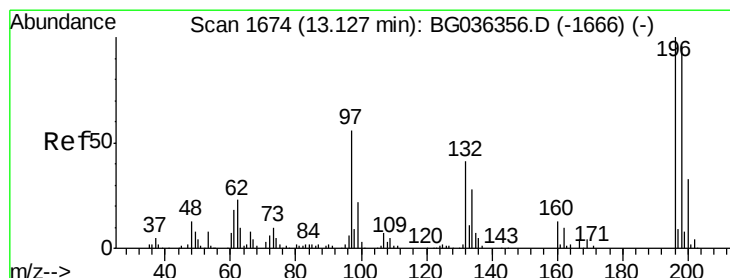
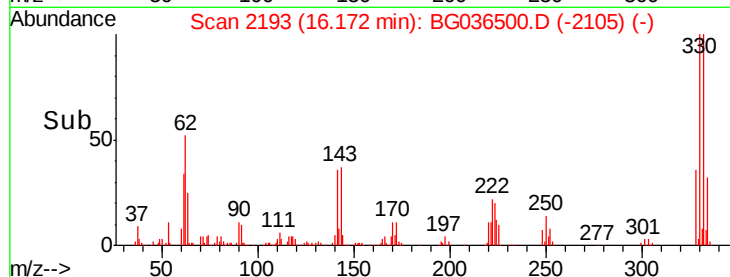
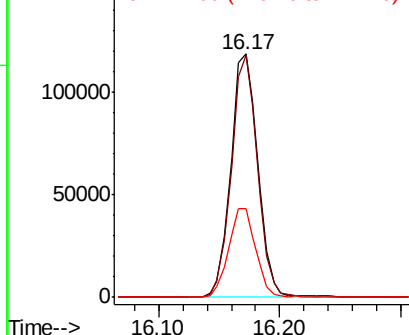


Abundance

Ion 329.80 (329.50 to 330.50): E

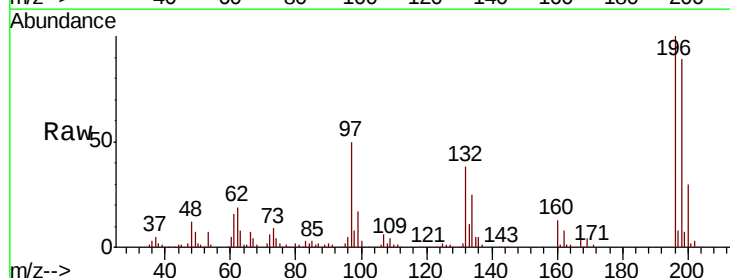
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 40.507 ng  
 RT: 13.12 min Scan# 1673  
 Delta R.T. -0.01 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 89.4  | 77.2  | 115.8 |
| 200     | 30.0  | 26.3  | 39.5  |

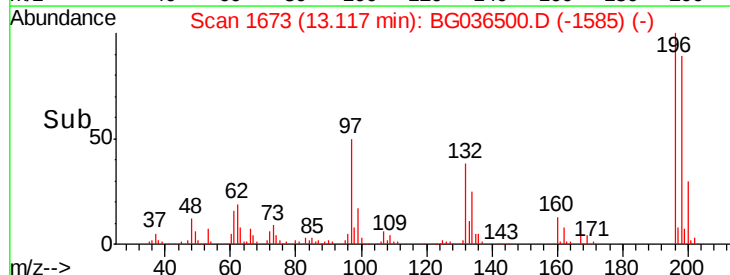
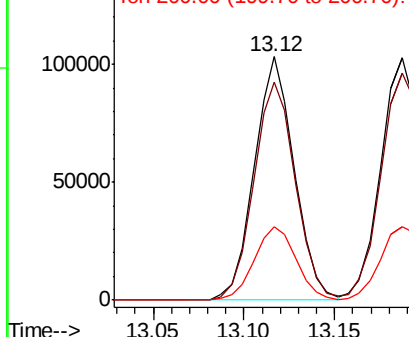


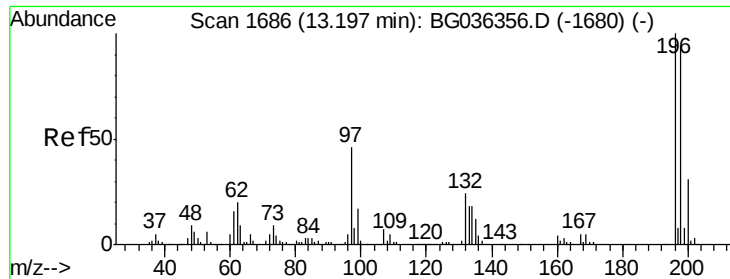
Abundance

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

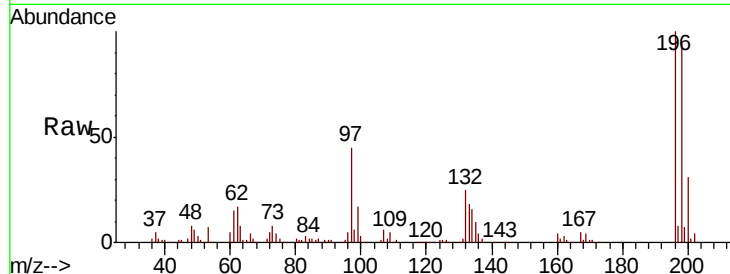




#43  
 2,4,5-Trichlorophenol  
 Concen: 39.972 ng  
 RT: 13.19 min Scan# 1685  
 Delta R.T. -0.01 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.6  | 75.6  | 113.4 |
| 97      | 44.9  | 37.2  | 55.8  |
| 132     | 24.8  | 19.4  | 29.2  |



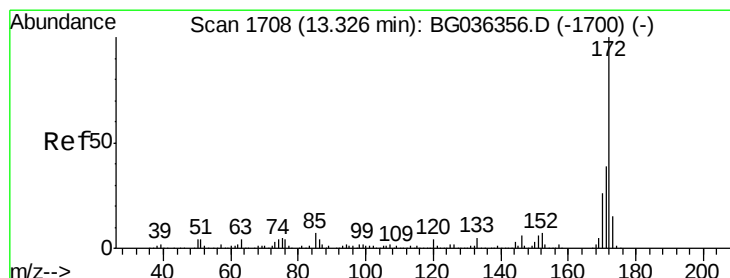
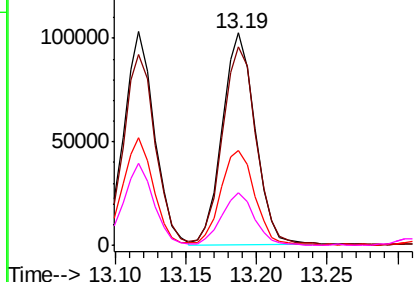
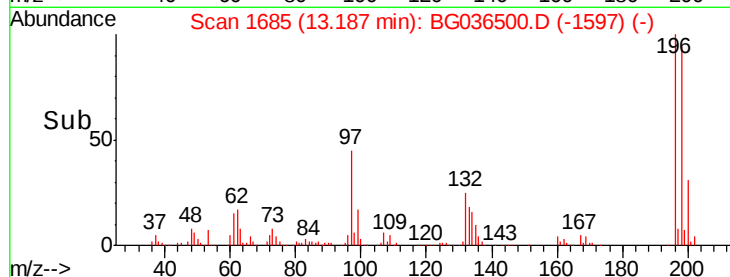
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

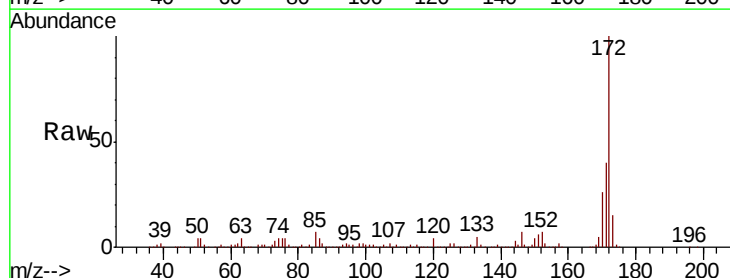
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 77.075 ng  
 RT: 13.31 min Scan# 1706  
 Delta R.T. -0.02 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.9  | 31.3  | 46.9  |
| 170     | 25.6  | 21.0  | 31.6  |

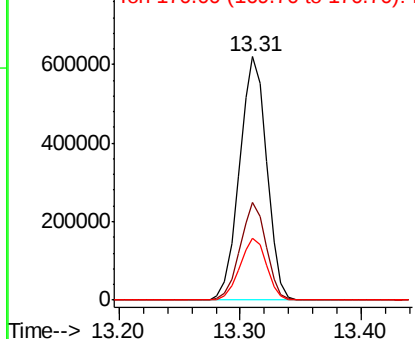
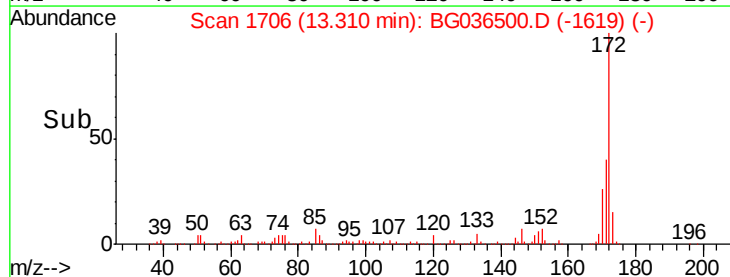


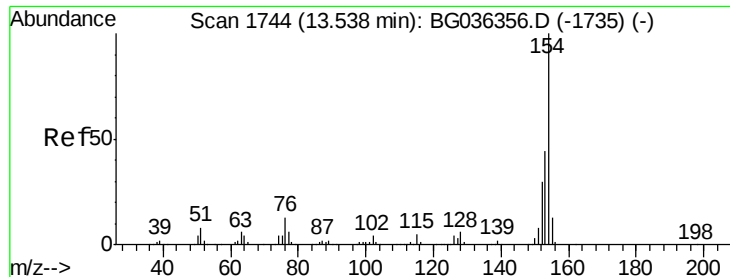
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

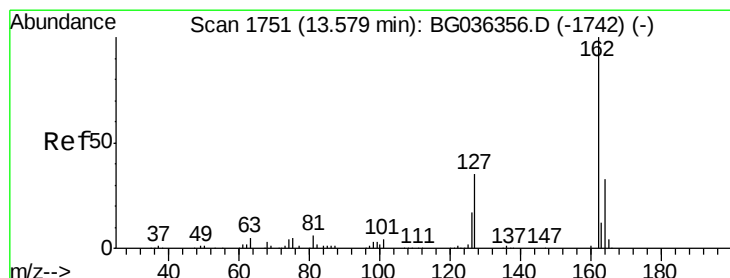
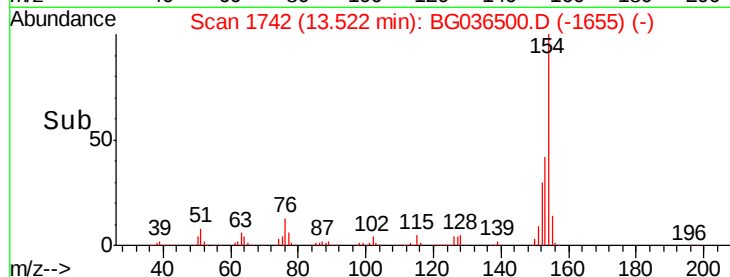
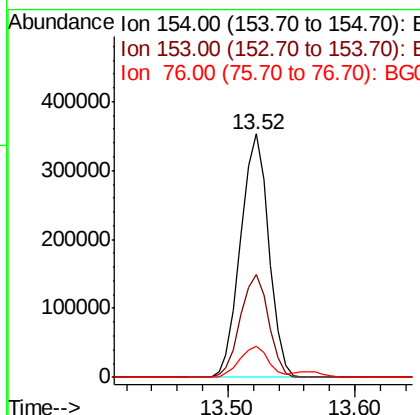
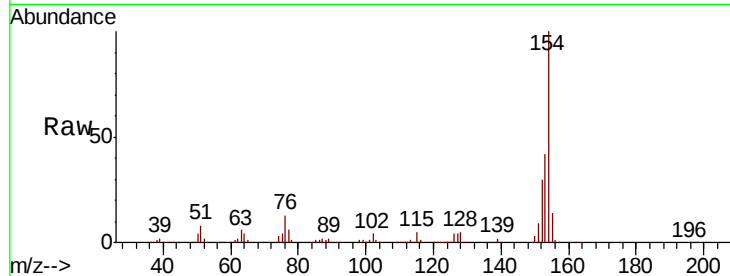




#45  
 1,1'-Biphenyl  
 Concen: 36.426 ng  
 RT: 13.52 min Scan# 1742  
 Delta R.T. -0.02 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

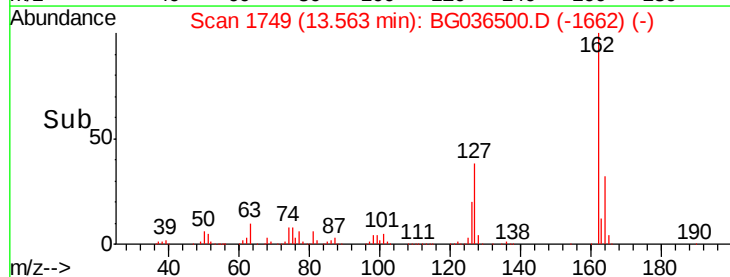
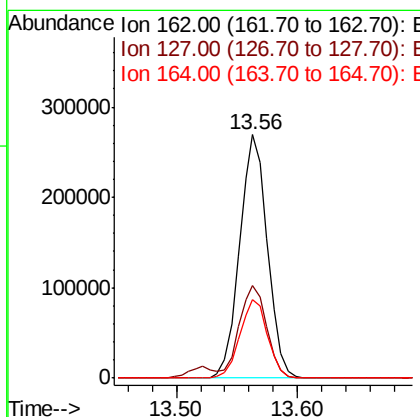
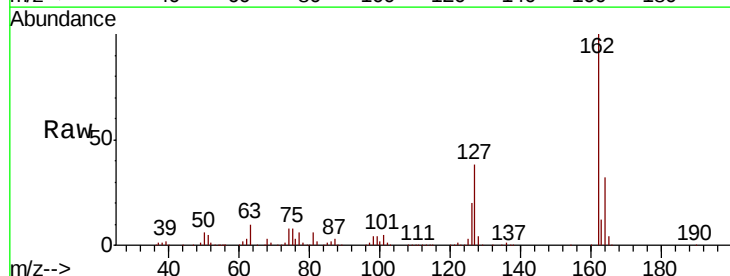
Instrument :  
 BNA\_G  
 ClientSampleId :

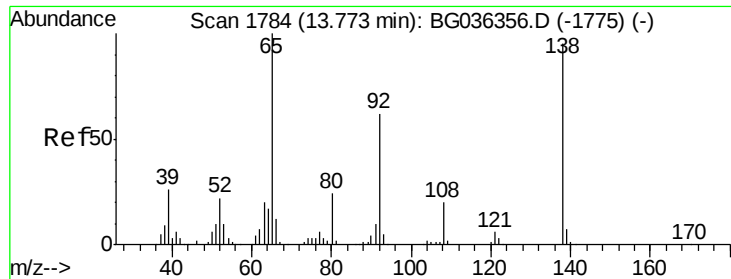
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.4  | 24.0  | 64.0  |
| 76      | 13.0  | 0.0   | 32.9  |



#46  
 2-Chloronaphthalene  
 Concen: 37.558 ng  
 RT: 13.56 min Scan# 1749  
 Delta R.T. -0.02 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.0  | 30.7  | 46.1  |
| 164     | 32.3  | 26.7  | 40.1  |

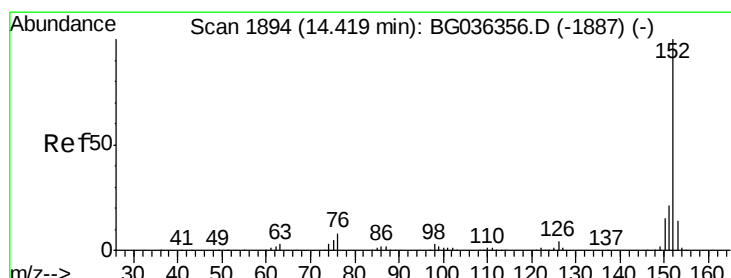
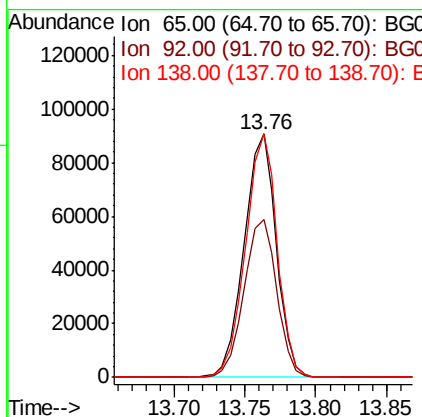
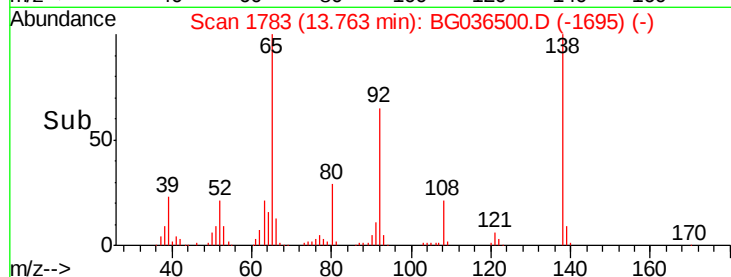
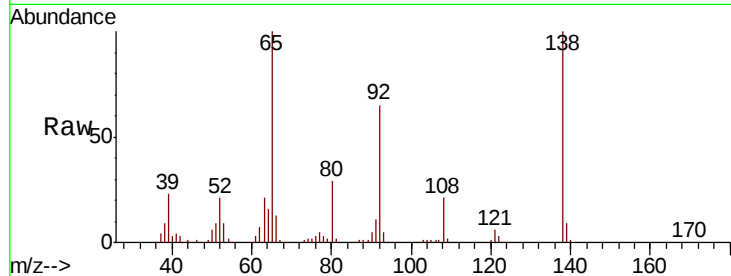




#47  
2-Nitroaniline  
Concen: 40.368 ng  
RT: 13.76 min Scan# 1783  
Delta R.T. -0.01 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

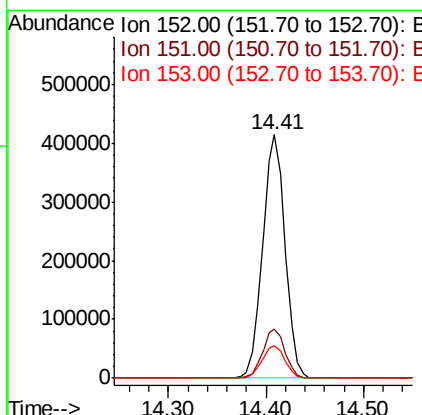
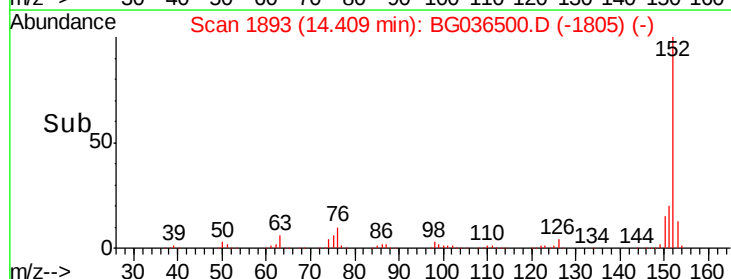
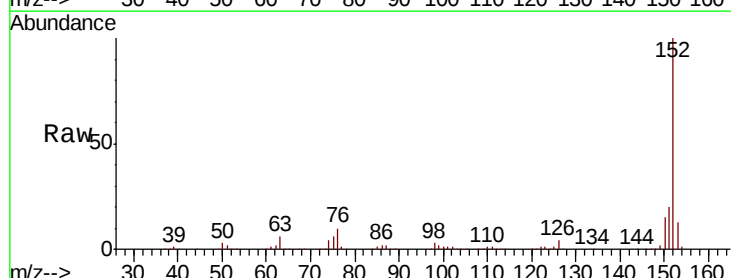
Instrument :  
BNA\_G  
ClientSampleId :

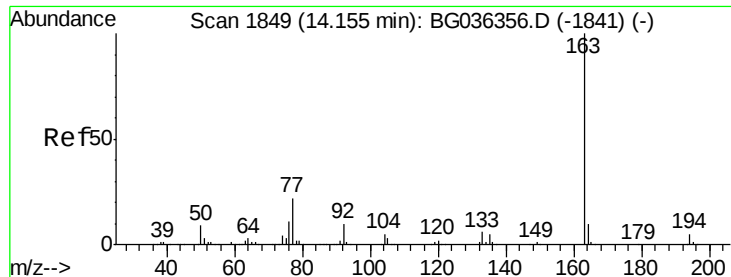
Tot Ion: 65 Resp: 144942  
Ion Ratio Lower Upper  
65 100  
92 64.8 49.9 74.9  
138 100.0 76.2 114.4



#48  
Acenaphthylene  
Concen: 37.397 ng  
RT: 14.41 min Scan# 1893  
Delta R.T. -0.01 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Tgt Ion: 152 Resp: 668275  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.9 25.3  
153 13.5 11.2 16.8





#49

Dimethylphthalate

Concen: 37.306 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampled :

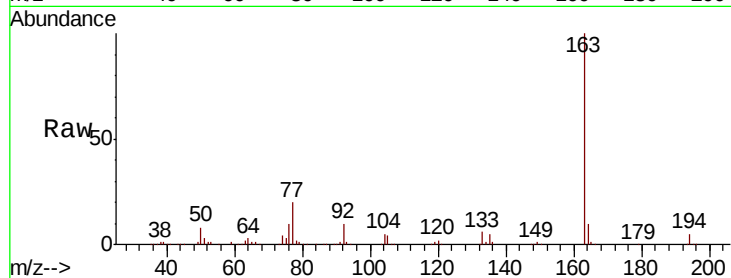
Tot Ion:163 Resp: 549640

Ion Ratio Lower Upper

163 100

194 4.8 4.0 6.0

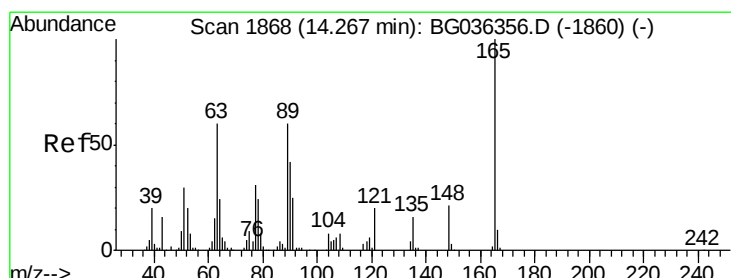
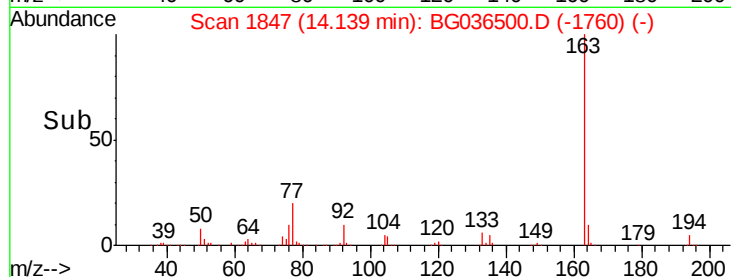
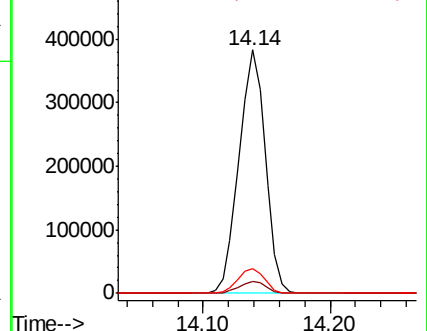
164 10.3 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 40.274 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

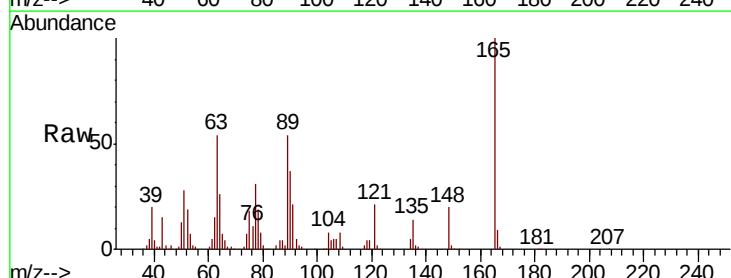
Tgt Ion:165 Resp: 122099

Ion Ratio Lower Upper

165 100

63 53.7 50.1 75.1

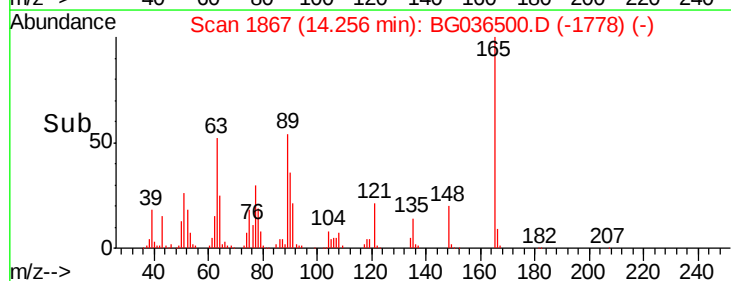
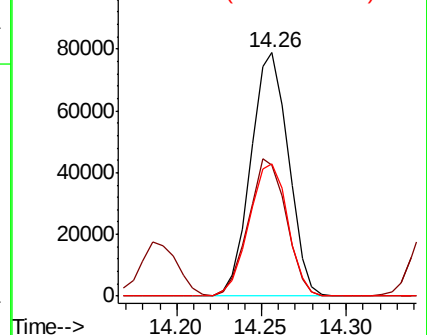
89 54.3 47.8 71.6

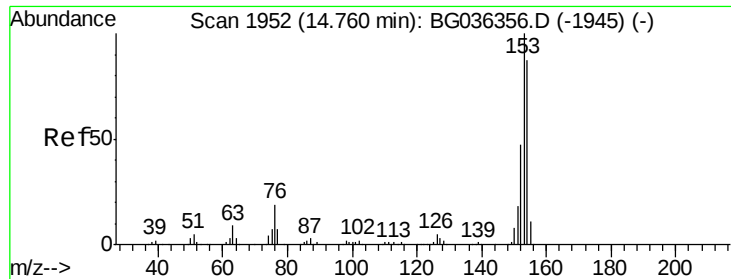


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 36.670 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampleId :

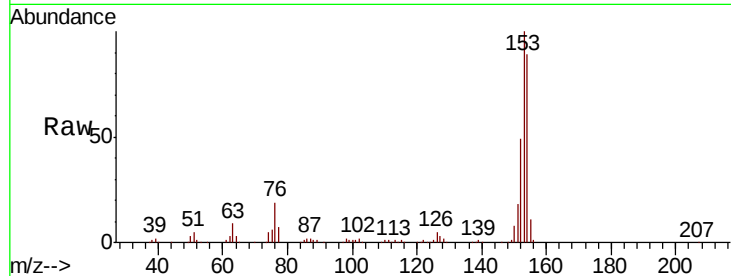
Tot Ion:154 Resp: 419668

Ion Ratio Lower Upper

154 100

153 112.6 91.8 137.6

152 55.6 43.5 65.3

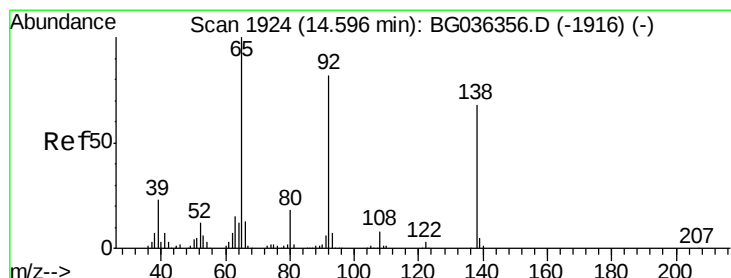
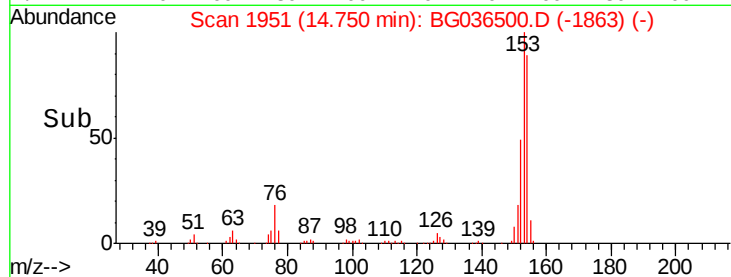
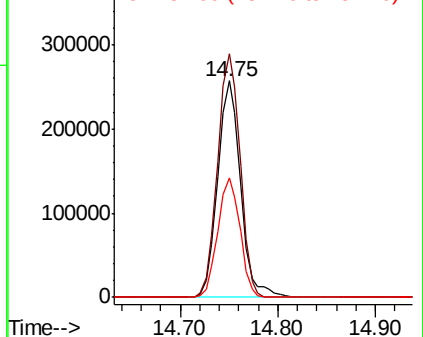


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.691 ng

RT: 14.59 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

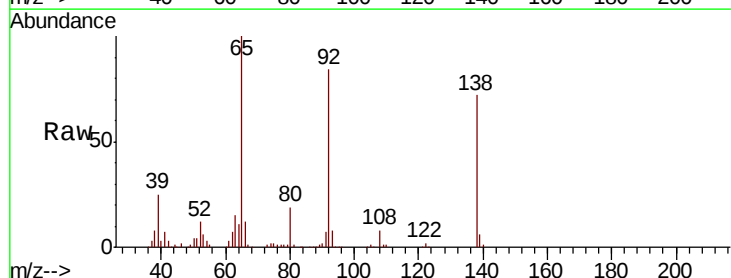
Tgt Ion:138 Resp: 139476

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.2

92 117.0 96.8 145.2

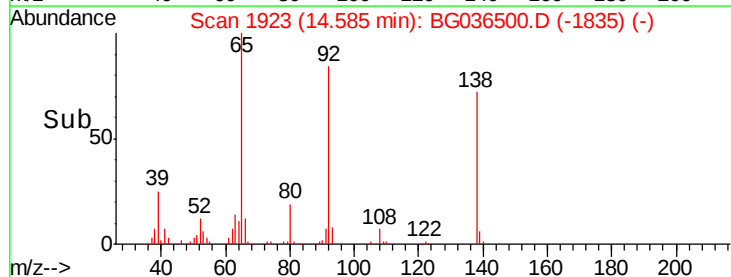
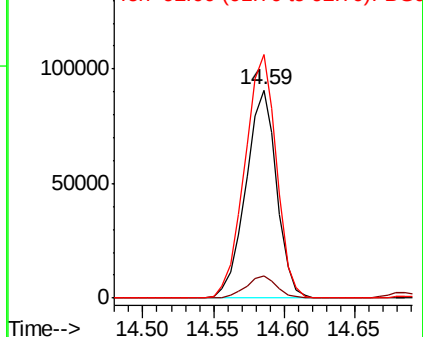


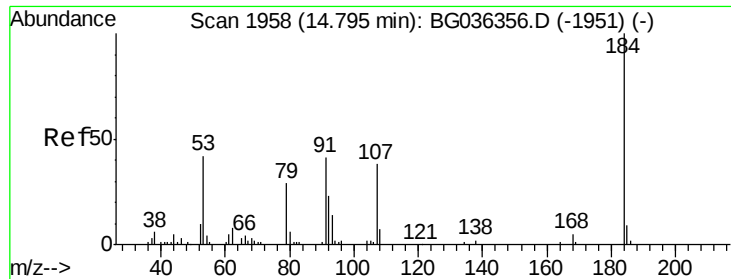
Abundance

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): BG

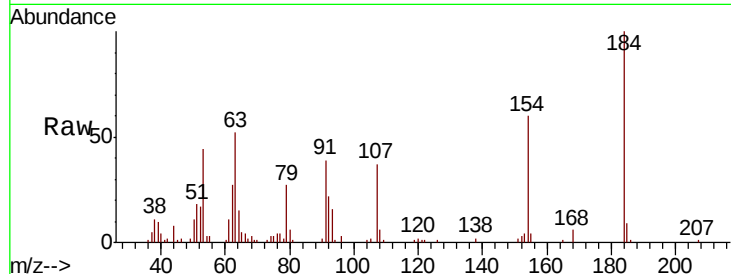




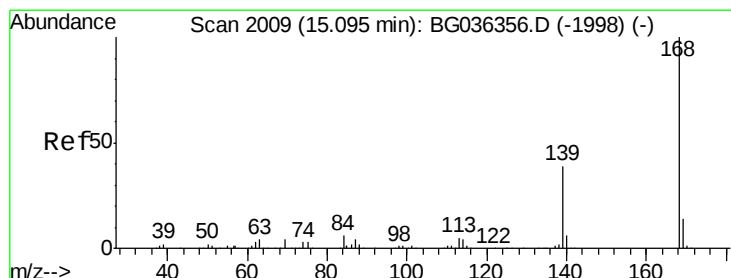
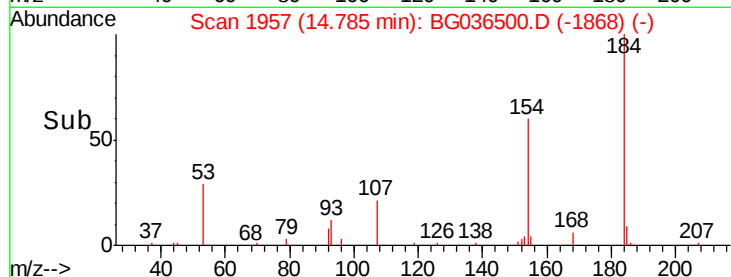
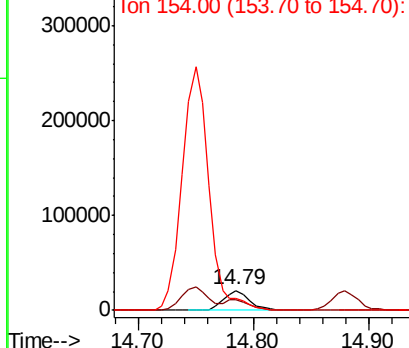
#53  
 2,4-Dinitrophenol  
 Concen: 29.873 ng  
 RT: 14.79 min Scan# 1957  
 Delta R.T. -0.01 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 184  | Resp  | 34305 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 184       | 100  | 47.3  | 70.9  |
| 63        | 52.2 | 51.1  | 76.7  |
| 154       | 60.5 |       |       |

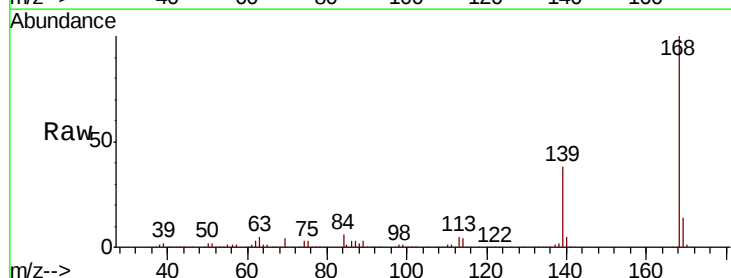


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 154.00 (153.70 to 154.70): E

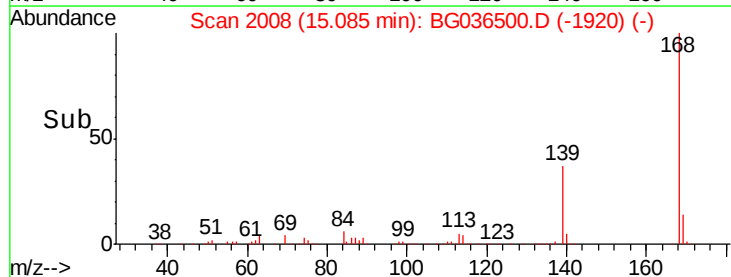
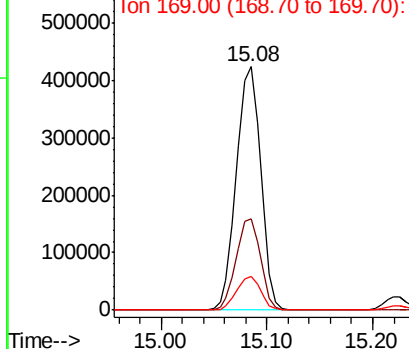


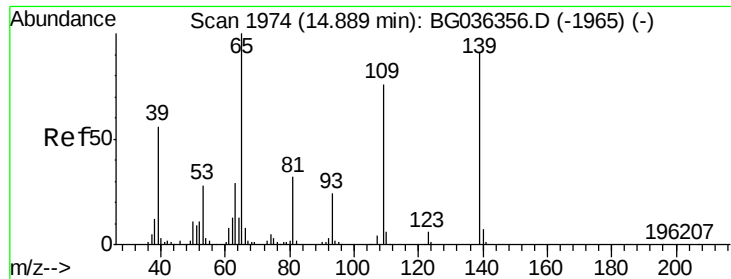
#54  
 Dibenzofuran  
 Concen: 37.585 ng  
 RT: 15.08 min Scan# 2008  
 Delta R.T. -0.01 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

| Tgt Ion   | 168  | Resp  | 673889 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 168       | 100  | 31.0  | 46.6   |
| 139       | 37.7 | 11.1  | 16.7   |
| 169       | 14.0 |       |        |



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

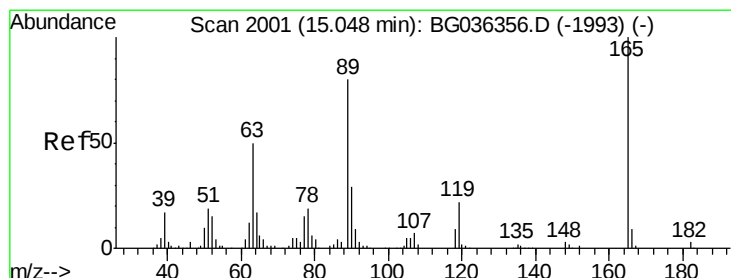
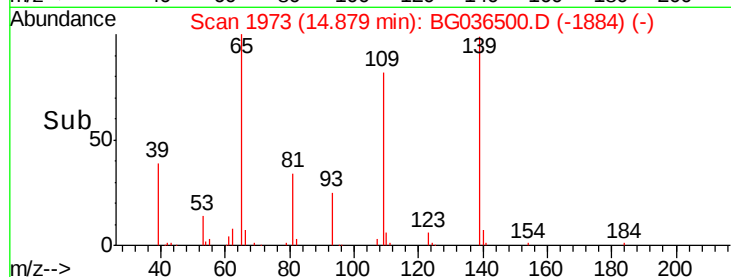
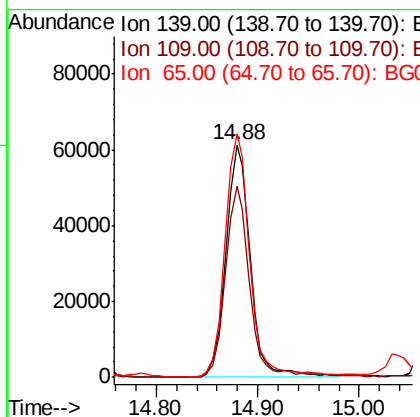
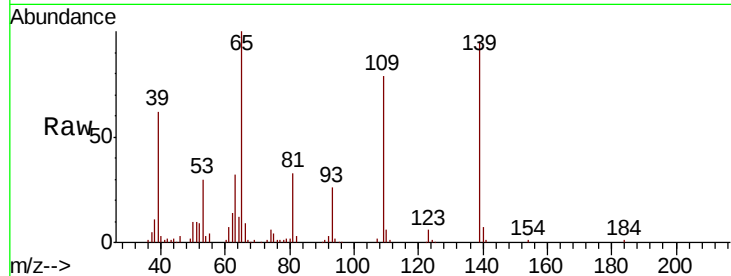




#55  
4-Nitrophenol  
Concen: 38.489 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. -0.01 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

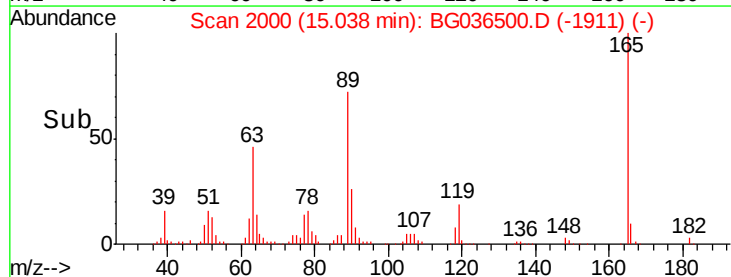
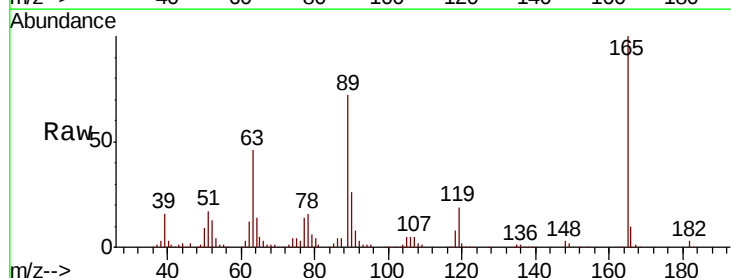
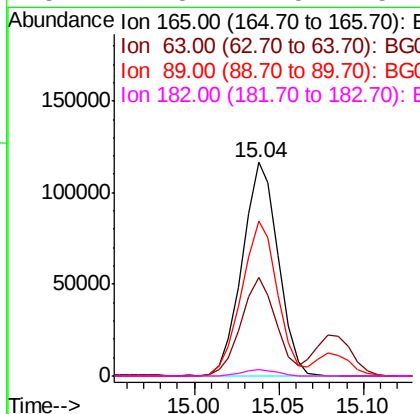
Instrument :  
BNA\_G  
ClientSampleId :

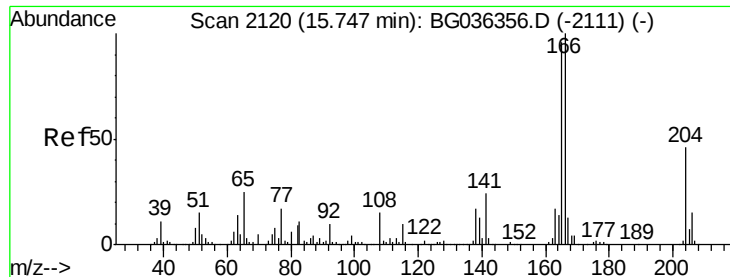
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 82.6  | 63.9  | 103.9 |
| 65      | 104.9 | 90.0  | 130.0 |



#56  
2,4-Dinitrotoluene  
Concen: 43.587 ng  
RT: 15.04 min Scan# 2000  
Delta R.T. -0.01 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 46.0  | 40.1  | 60.1  |
| 89      | 72.4  | 63.7  | 95.5  |
| 182     | 2.8   | 2.5   | 3.7   |





#57

Fluorene

Concen: 37.747 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampleId :

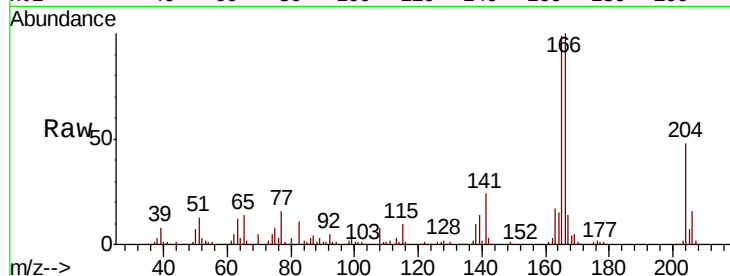
Tot Ion:166 Resp: 505946

Ion Ratio Lower Upper

166 100

165 99.2 77.0 115.4

167 14.4 10.6 16.0

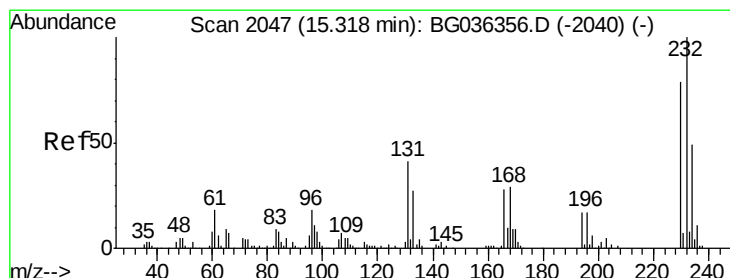
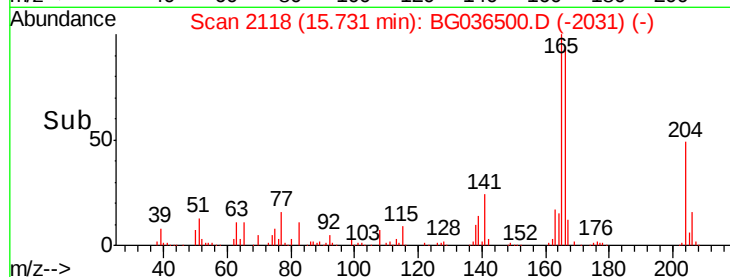
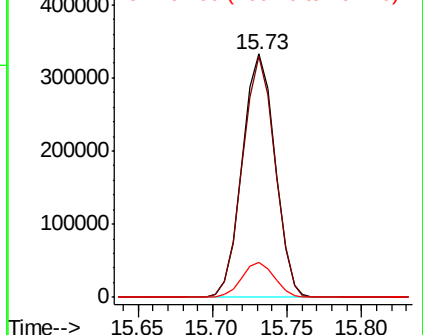


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.766 ng

RT: 15.30 min Scan# 2045

Delta R.T. -0.02 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Tgt Ion:232 Resp: 162801

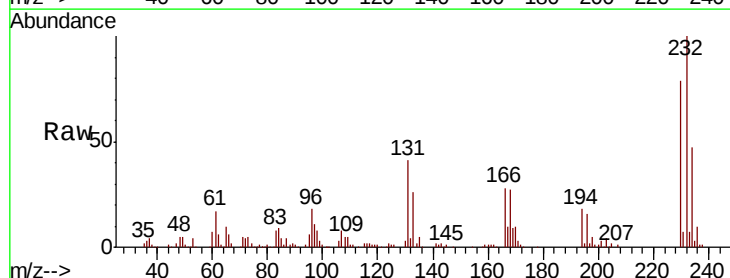
Ion Ratio Lower Upper

232 100

131 39.1 33.8 50.8

130 2.5 2.1 3.1

166 27.6 22.3 33.5



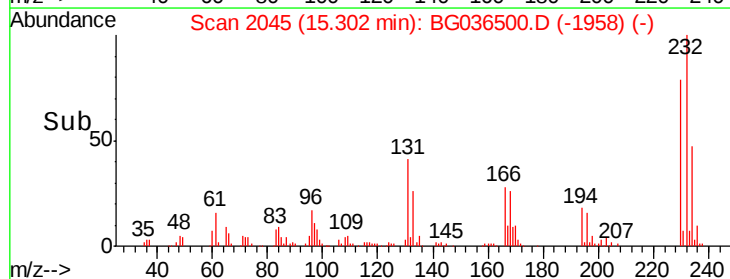
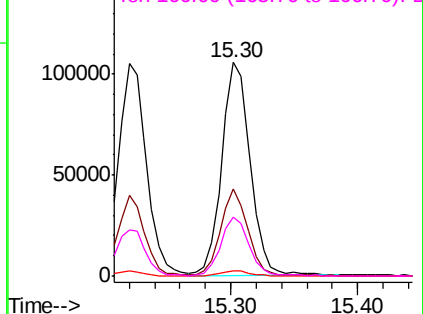
Abundance

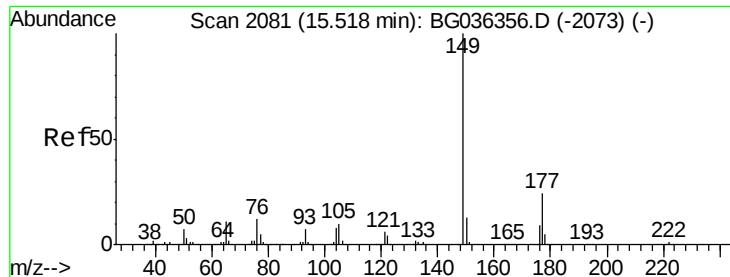
Ion 232.00 (231.70 to 232.70): E

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

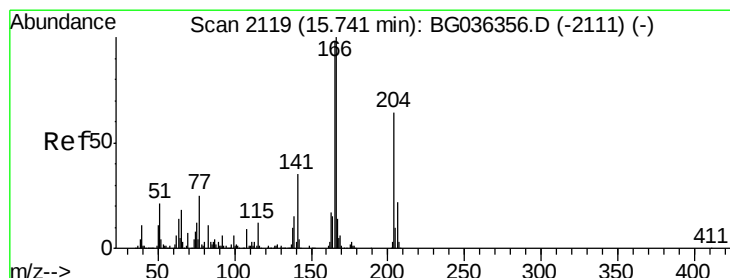
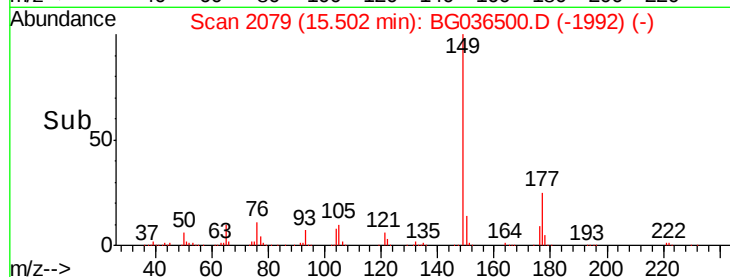
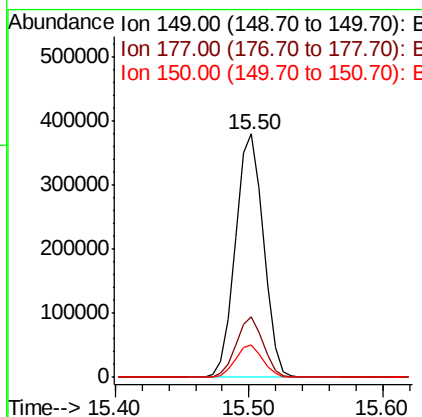
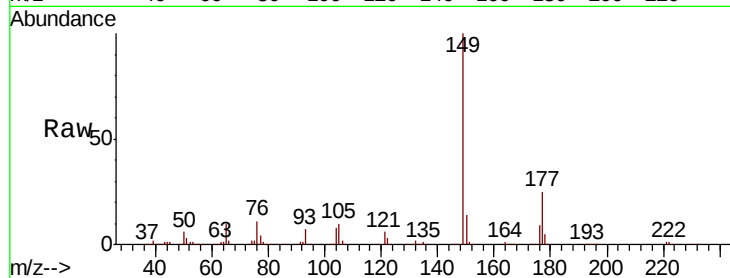




#59  
Diethylphthalate  
Concen: 37.219 ng  
RT: 15.50 min Scan# 2079  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

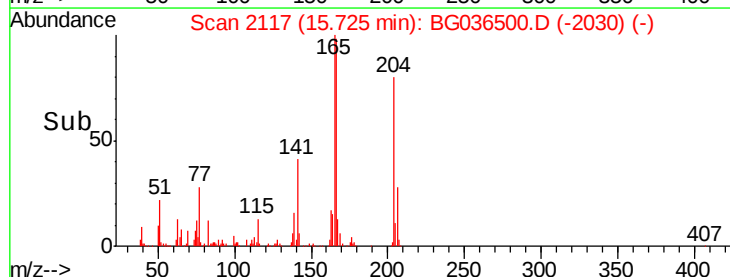
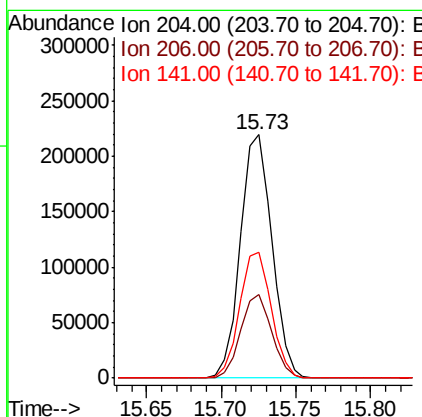
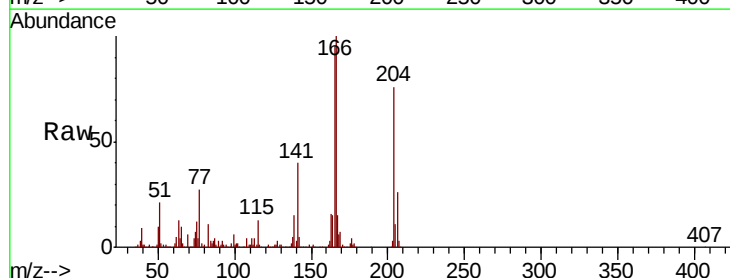
Instrument :  
BNA\_G  
ClientSampleId :

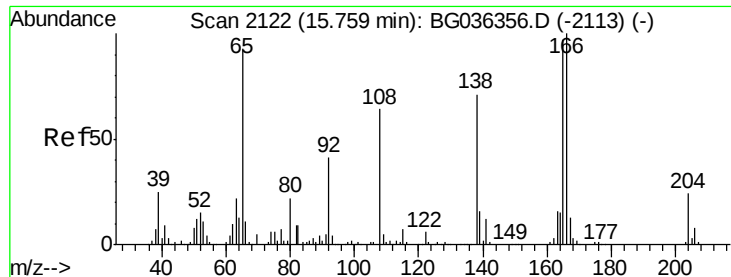
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.7  | 19.1  | 28.7  |
| 150     | 13.5  | 10.7  | 16.1  |



#60  
4-Chlorophenyl-phenylether  
Concen: 38.925 ng  
RT: 15.73 min Scan# 2117  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.4  | 27.0  | 40.4  |
| 141     | 51.7  | 43.8  | 65.6  |





#61

4-Nitroaniline

Concen: 42.318 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampled :

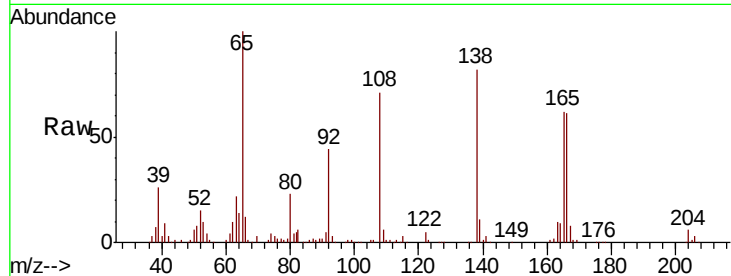
Tot Ion:138 Resp: 144675

Ion Ratio Lower Upper

138 100

92 54.0 38.5 78.5

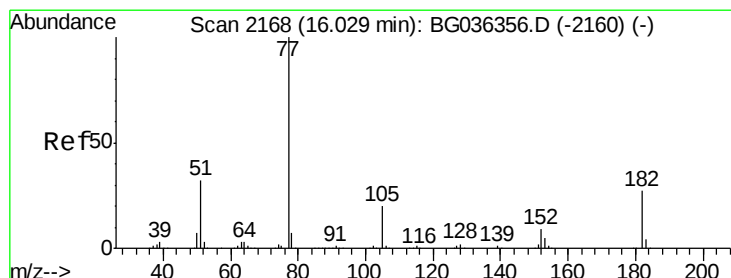
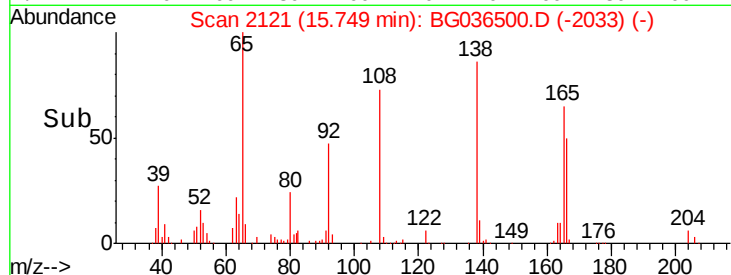
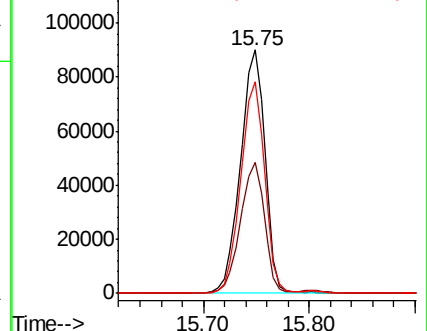
108 86.8 70.3 110.3



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



#62

Azobenzene

Concen: 35.397 ng

RT: 16.02 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Tgt Ion: 77 Resp: 534759

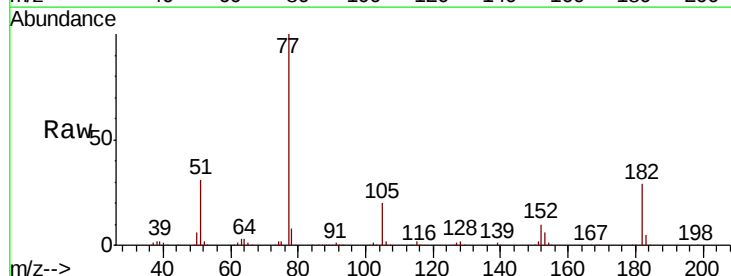
Ion Ratio Lower Upper

77 100

182 29.2 6.7 46.7

105 20.0 0.0 39.8

51 31.3 12.4 52.4

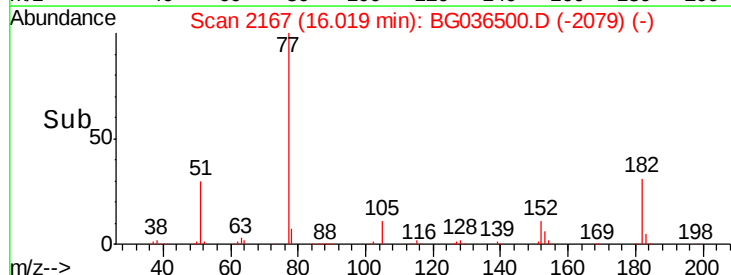
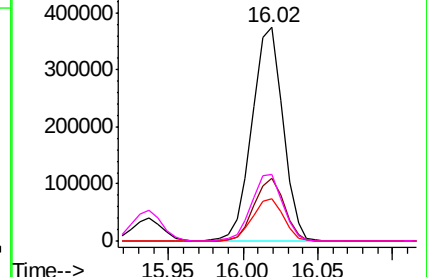


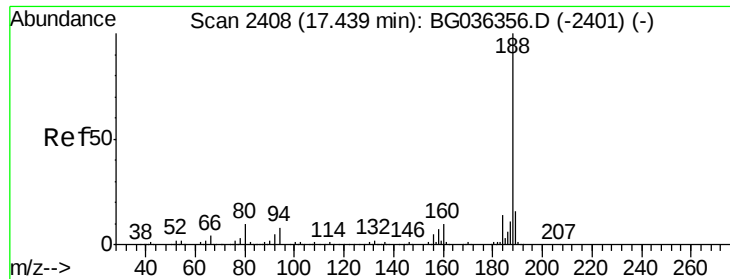
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

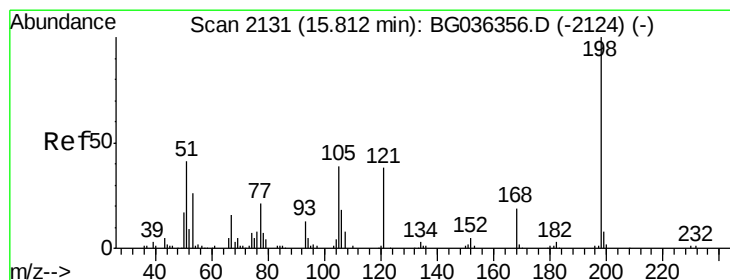
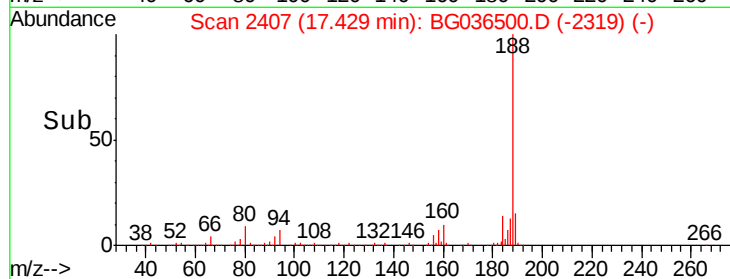
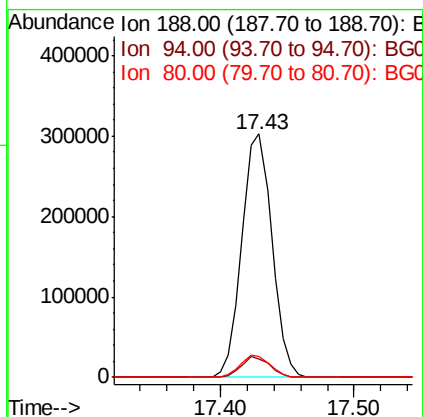
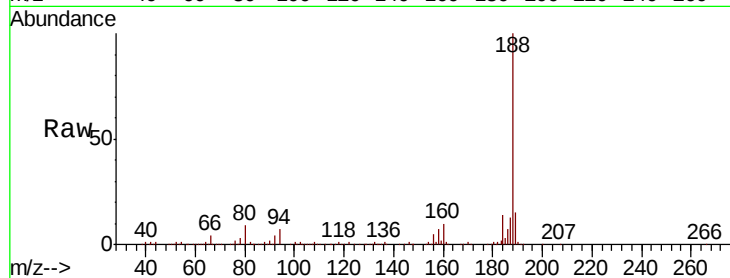




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.43 min Scan# 2407  
 Delta R.T. -0.01 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

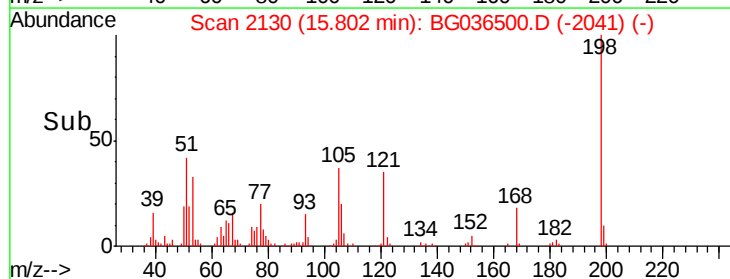
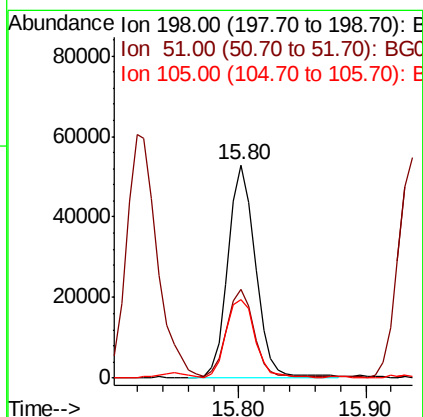
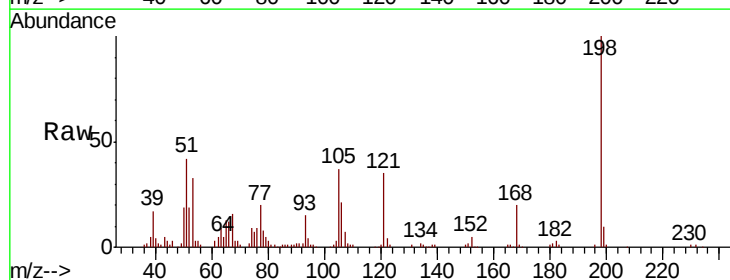
Instrument :  
 BNA\_G  
 ClientSampleId :

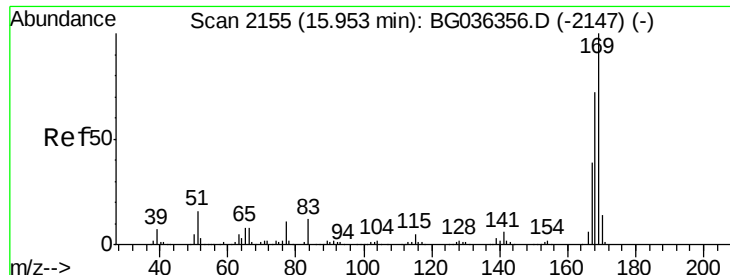
Tot Ion:188 Resp: 471956  
 Ion Ratio Lower Upper  
 188 100  
 94 7.3 6.7 10.1  
 80 8.5 8.1 12.1



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 38.536 ng  
 RT: 15.80 min Scan# 2130  
 Delta R.T. -0.01 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Tgt Ion:198 Resp: 79893  
 Ion Ratio Lower Upper  
 198 100  
 51 41.7 26.5 66.5  
 105 36.8 20.2 60.2

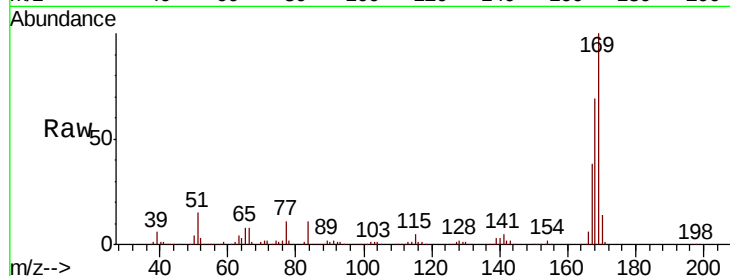




#65  
n-Nitrosodiphenylamine  
Concen: 36.108 ng  
RT: 15.94 min Scan# 2153  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.9  | 57.6  | 86.4  |
| 167     | 37.9  | 31.0  | 46.4  |

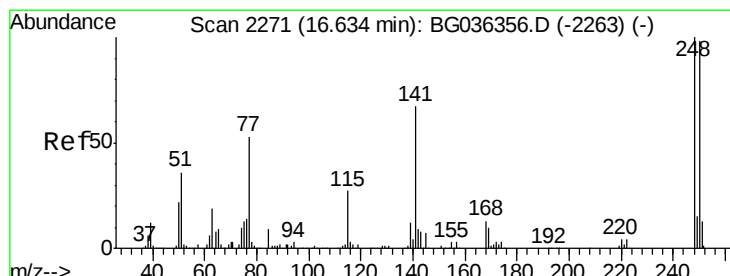
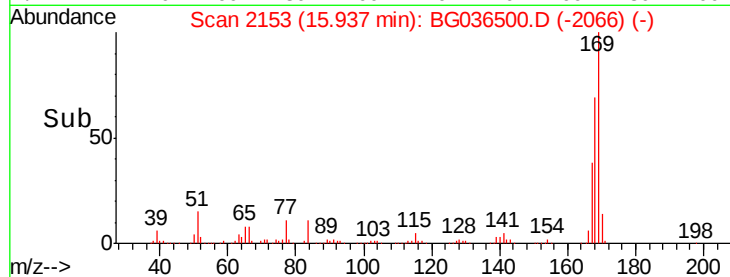
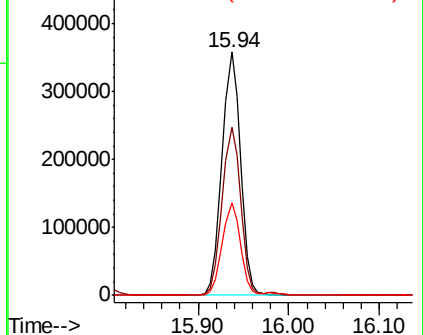


Abundance

Ion 169.00 (168.70 to 169.70): E

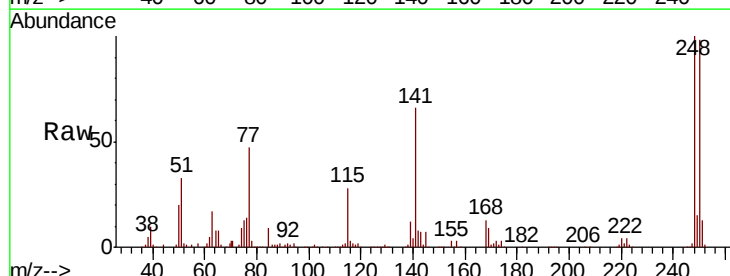
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66  
4-Bromophenyl-phenylether  
Concen: 37.889 ng  
RT: 16.62 min Scan# 2269  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.6  | 78.1  | 117.1 |
| 141     | 66.2  | 53.7  | 80.5  |

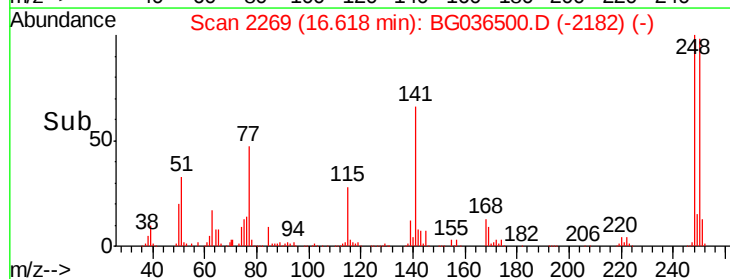
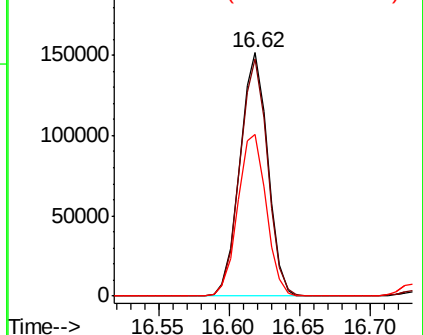


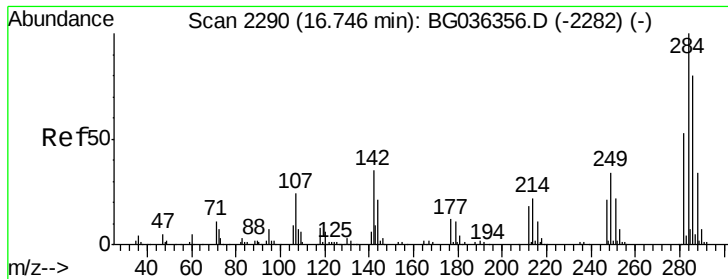
Abundance

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

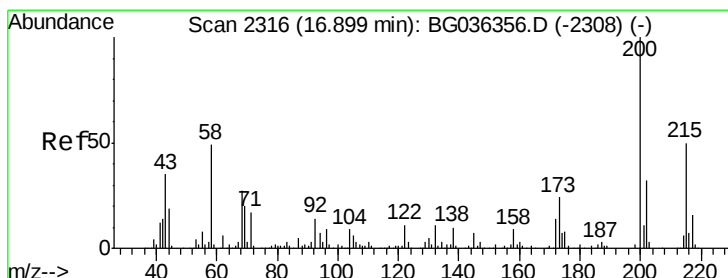
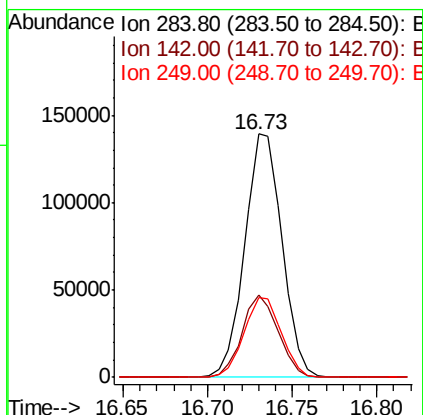
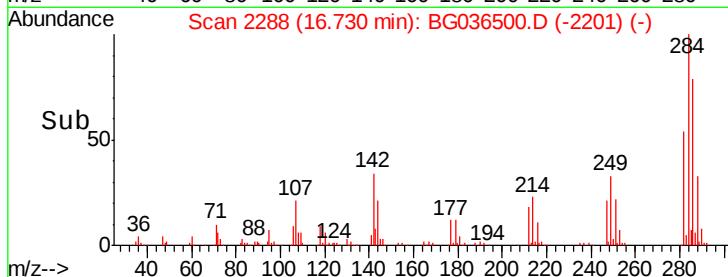
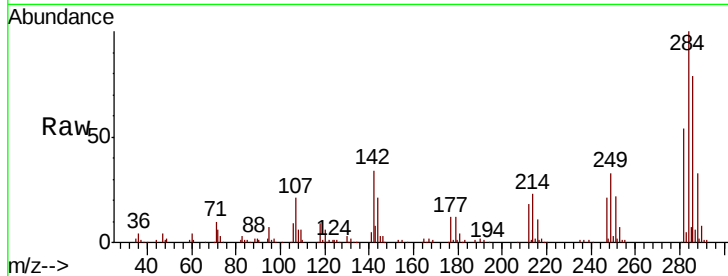




#67  
Hexachlorobenzene  
Concen: 37.850 ng  
RT: 16.73 min Scan# 2288  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

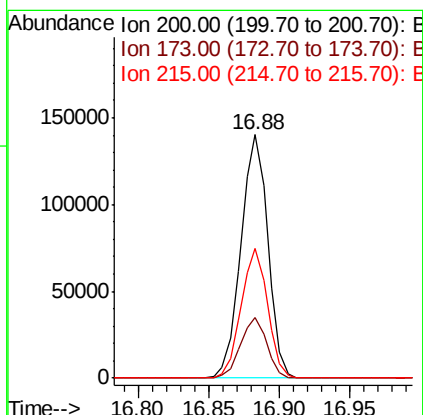
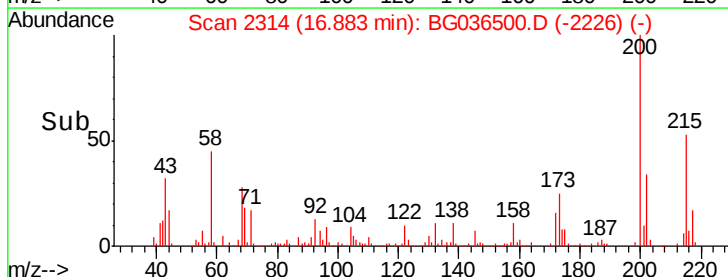
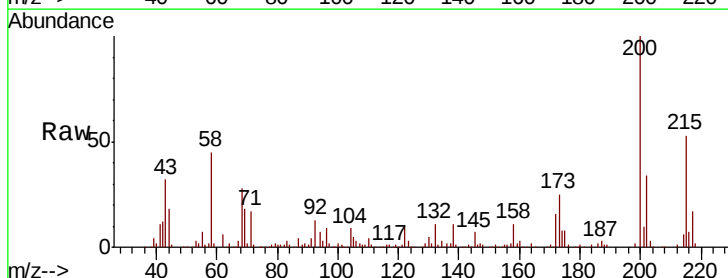
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.7  | 27.8  | 41.6  |
| 249     | 32.8  | 27.4  | 41.2  |



#68  
Atrazine  
Concen: 35.531 ng  
RT: 16.88 min Scan# 2314  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.8  | 3.9   | 43.9  |
| 215     | 53.1  | 30.4  | 70.4  |

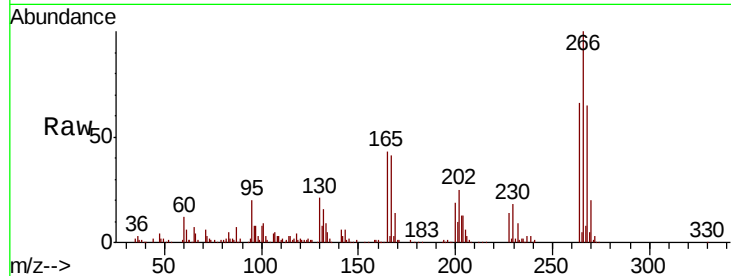




#69  
 Pentachlorophenol  
 Concen: 39.584 ng  
 RT: 17.07 min Scan# 2346  
 Delta R.T. -0.02 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.1  | 51.4  | 77.2  |
| 264     | 65.9  | 48.9  | 73.3  |

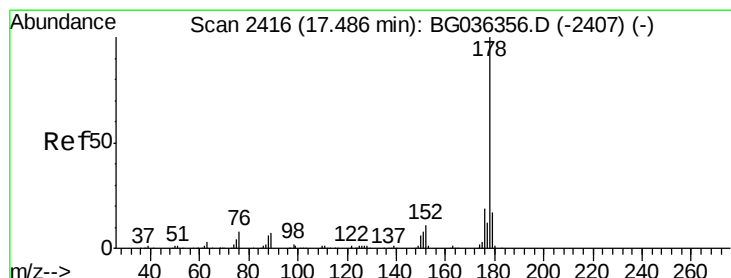
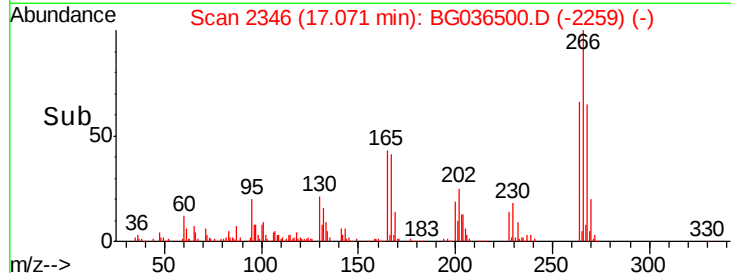
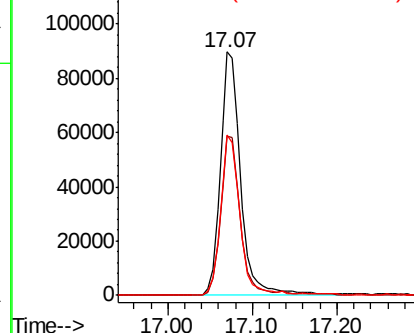


Abundance

Ion 265.70 (265.40 to 266.40): E

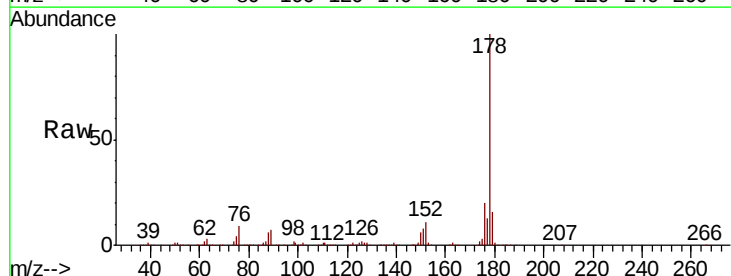
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 36.835 ng  
 RT: 17.47 min Scan# 2414  
 Delta R.T. -0.02 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.4  | 23.2  |
| 179     | 16.5  | 13.4  | 20.2  |

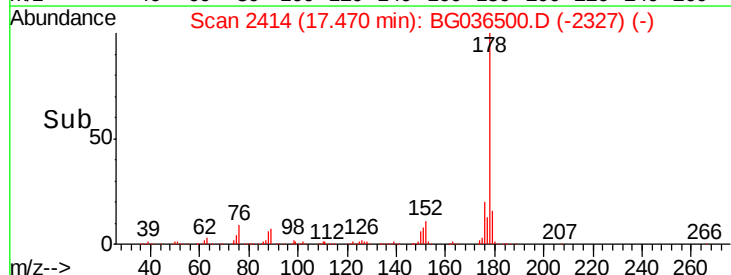
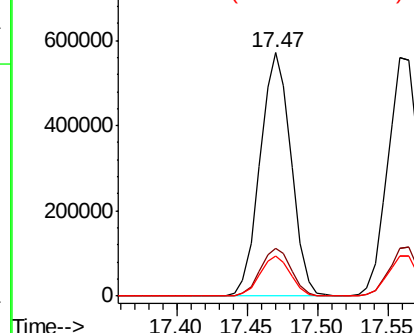


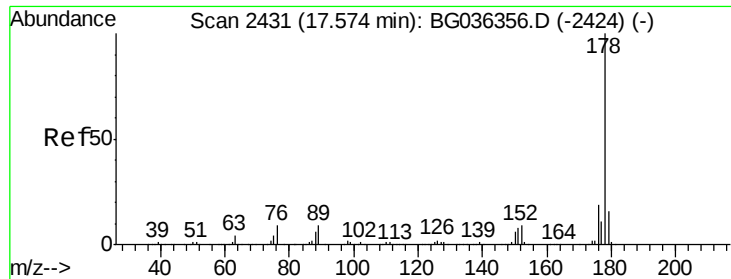
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

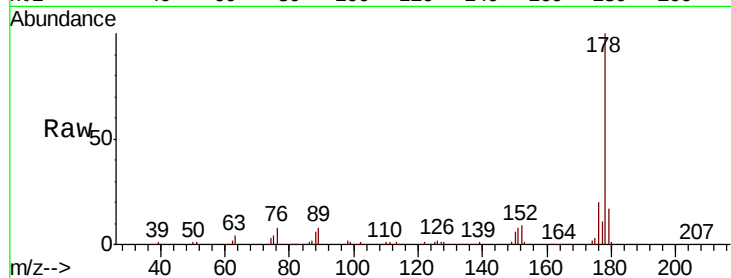




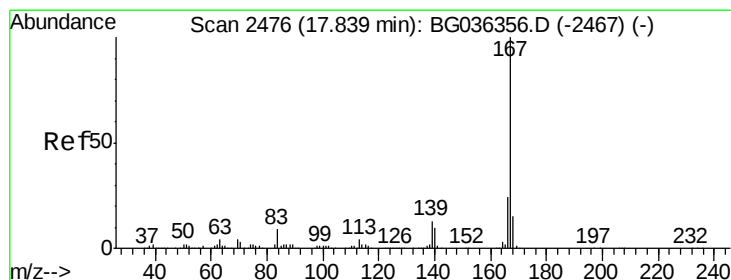
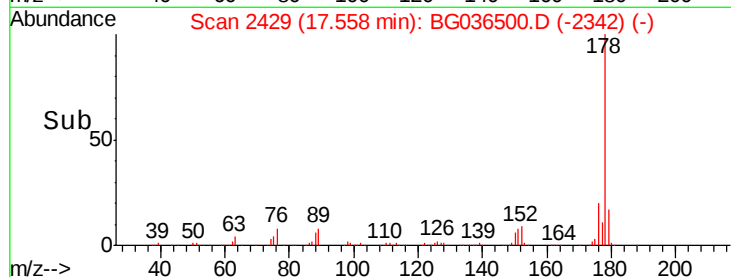
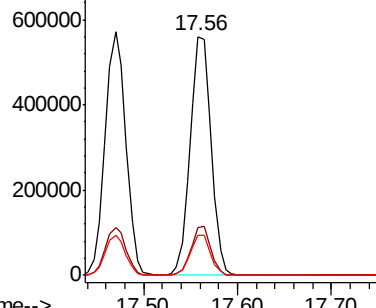
#71  
 Anthracene  
 Concen: 36.688 ng  
 RT: 17.56 min Scan# 2429  
 Delta R.T. -0.02 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:178 Resp: 877039  
 Ion Ratio Lower Upper  
 178 100  
 176 20.1 15.4 23.2  
 179 16.7 13.0 19.4

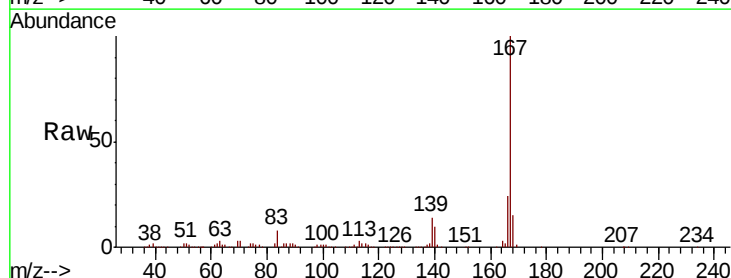


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

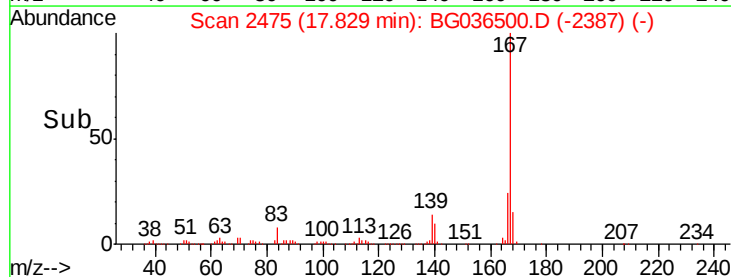
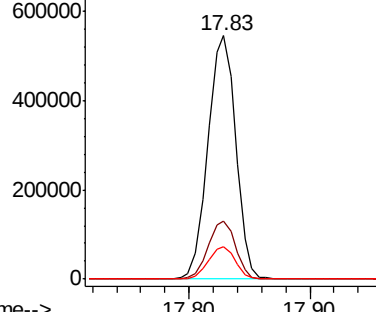


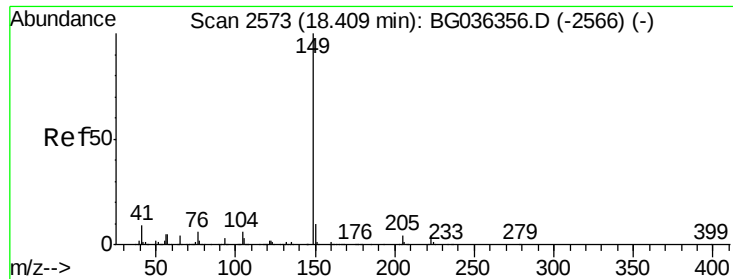
#72  
 Carbazole  
 Concen: 36.778 ng  
 RT: 17.83 min Scan# 2475  
 Delta R.T. -0.01 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Tgt Ion:167 Resp: 878031  
 Ion Ratio Lower Upper  
 167 100  
 166 24.0 19.5 29.3  
 139 13.6 10.7 16.1



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

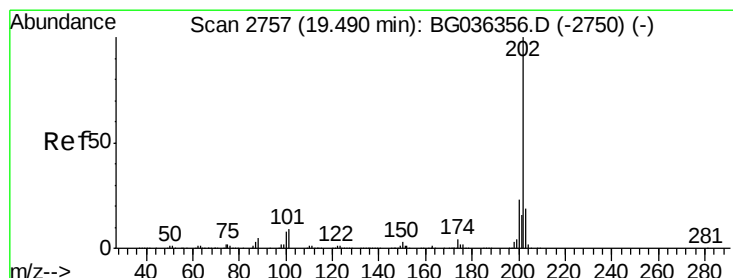
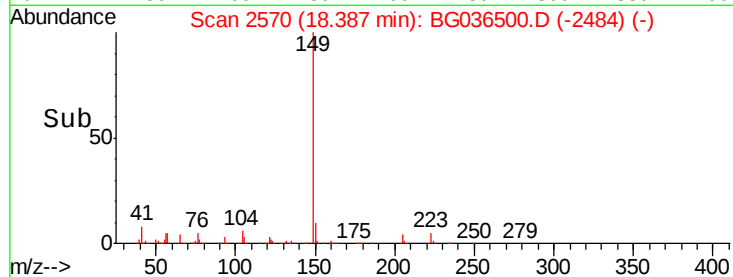
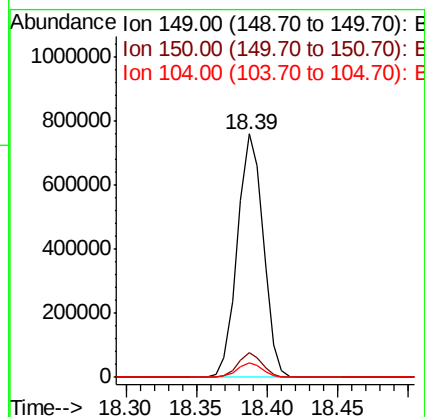
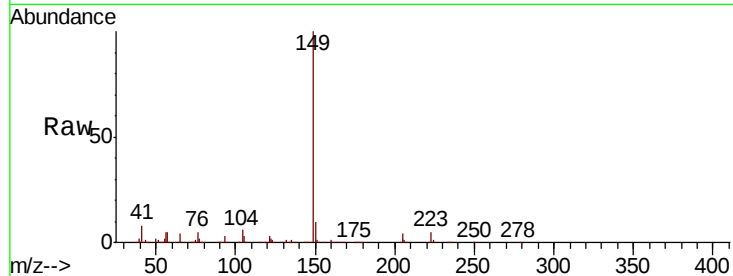




#73  
Di-n-butylphthalate  
Concen: 36.512 ng  
RT: 18.39 min Scan# 2570  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

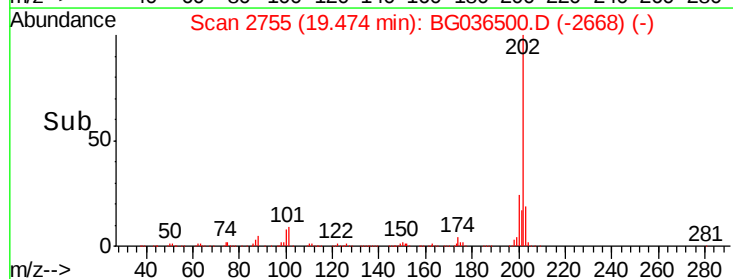
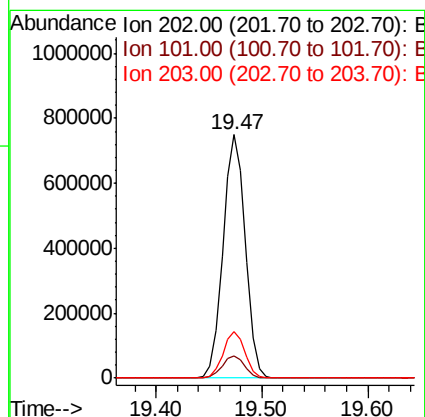
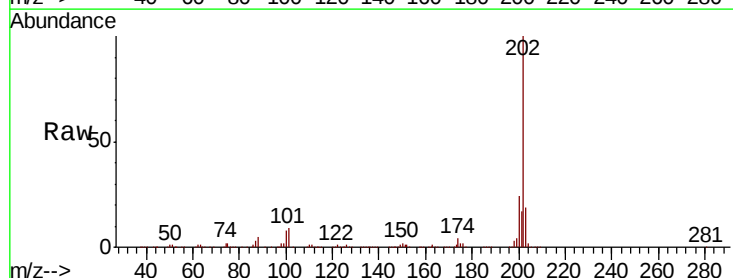
Instrument :  
BNA\_G  
ClientSampleId :

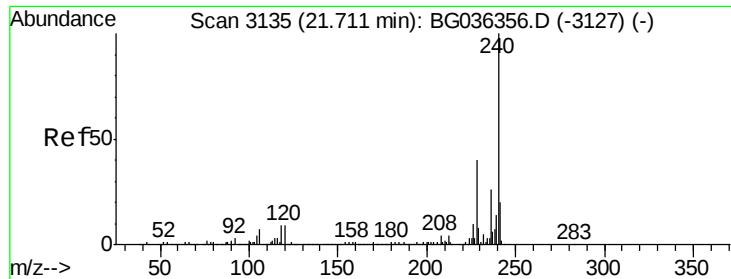
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.1  | 8.1   | 12.1  |
| 104     | 5.9   | 4.6   | 6.8   |



#74  
Fluoranthene  
Concen: 37.436 ng  
RT: 19.47 min Scan# 2755  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.3   | 0.0   | 29.4  |
| 203     | 19.3  | 0.0   | 38.9  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampleId :

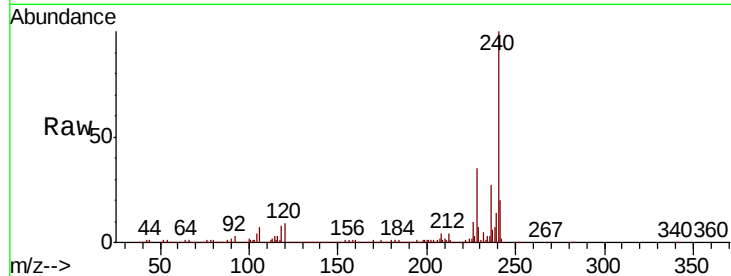
Tot Ion:240 Resp: 489907

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

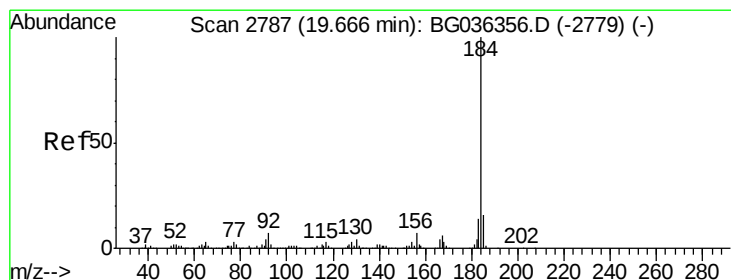
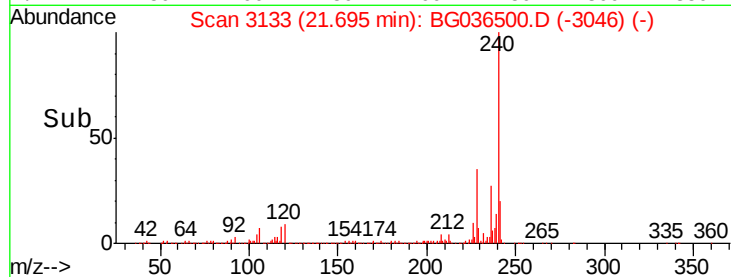
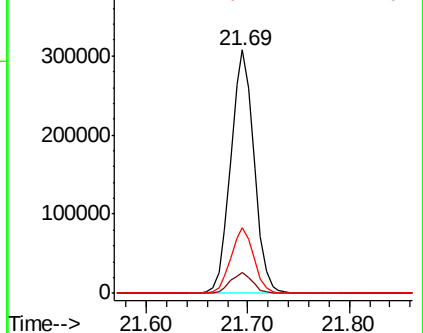
236 27.0 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.570 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

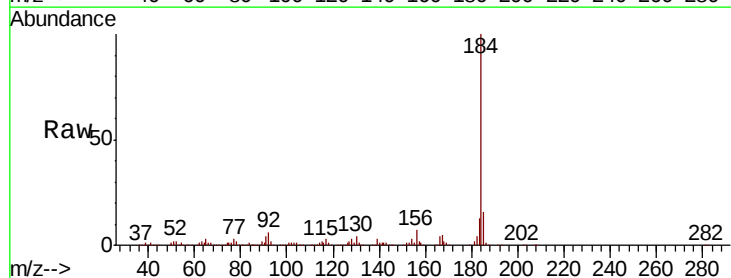
Tgt Ion:184 Resp: 540334

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

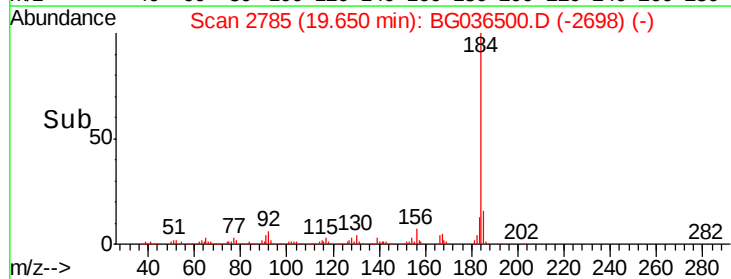
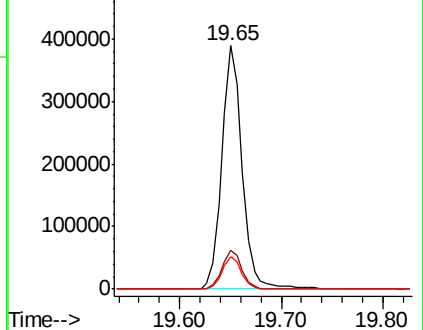
183 13.2 10.9 16.3

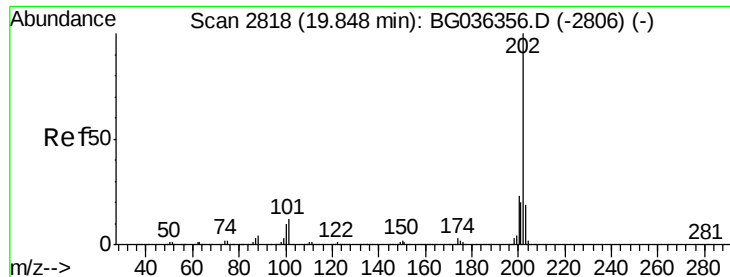


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

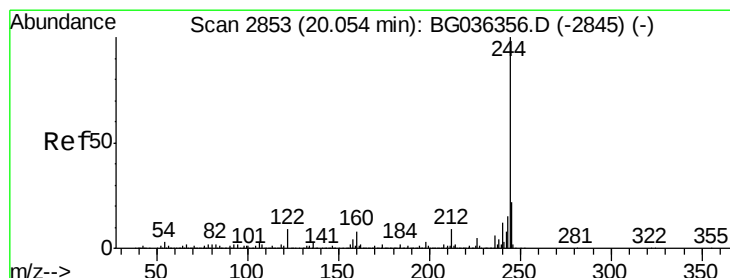
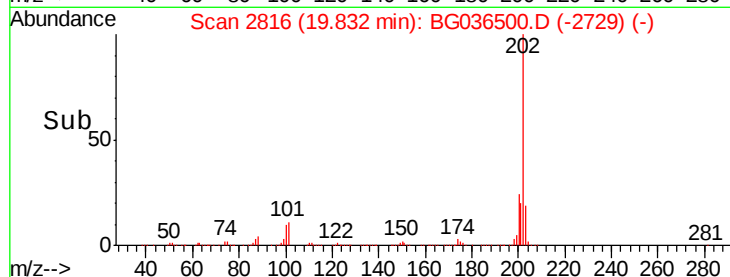
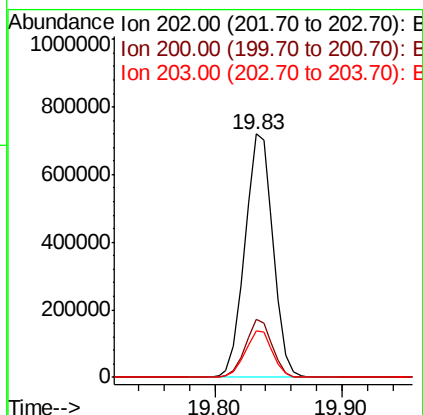
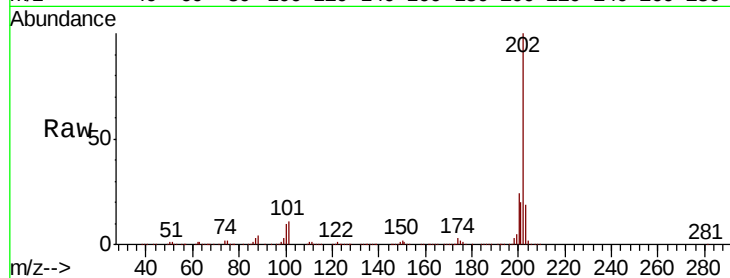




#77  
Pvrene  
Concen: 36.726 ng  
RT: 19.83 min Scan# 2816  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

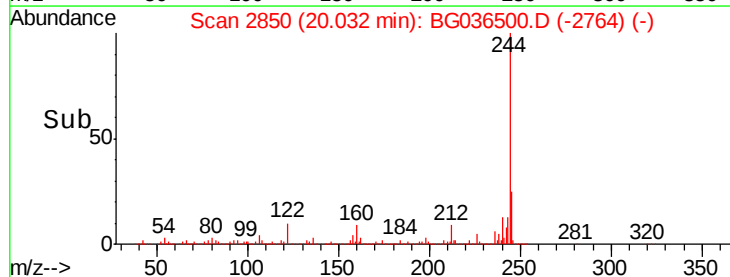
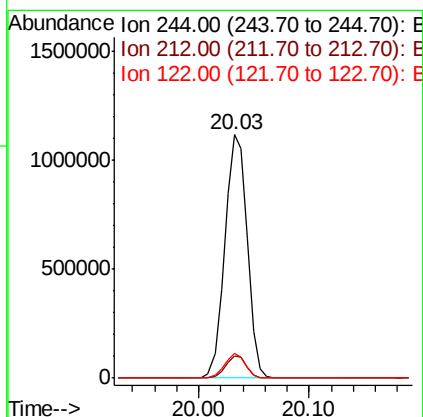
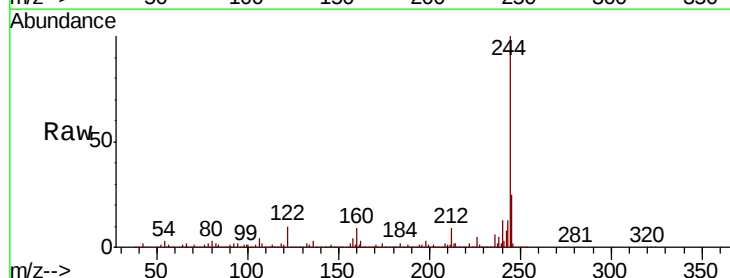
Instrument :  
BNA\_G  
ClientSampled :

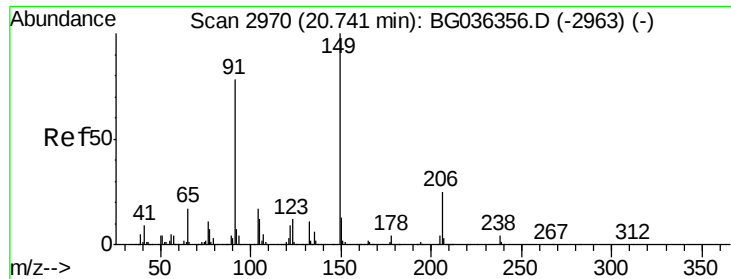
Tot Ion:202 Resp: 1106425  
Ion Ratio Lower Upper  
202 100  
200 23.7 18.3 27.5  
203 19.3 15.1 22.7



#78  
Terphenyl-d14  
Concen: 75.596 ng  
RT: 20.03 min Scan# 2850  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Tgt Ion:244 Resp: 1584493  
Ion Ratio Lower Upper  
244 100  
212 9.1 7.0 10.6  
122 9.9 7.1 10.7

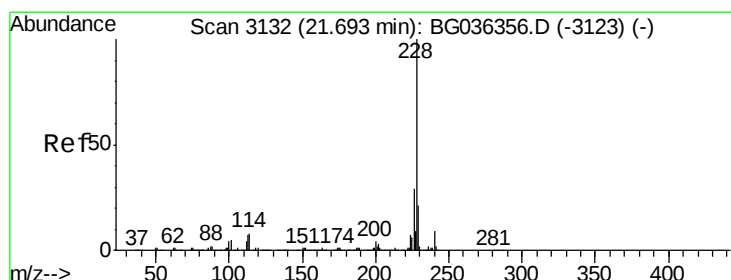
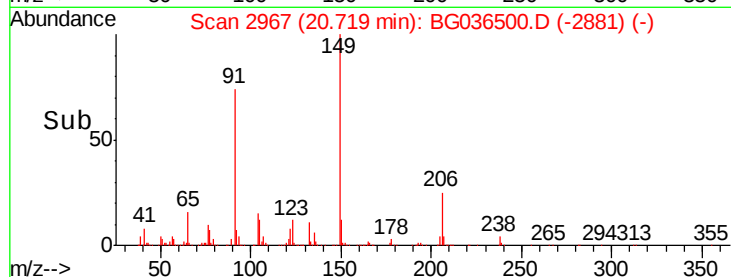
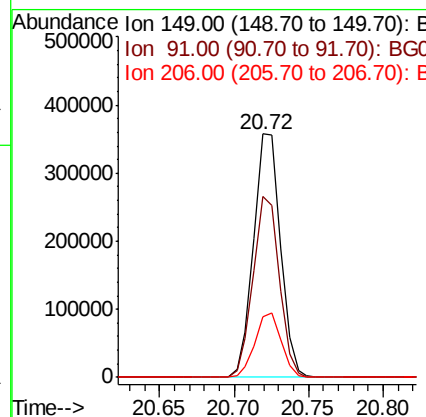
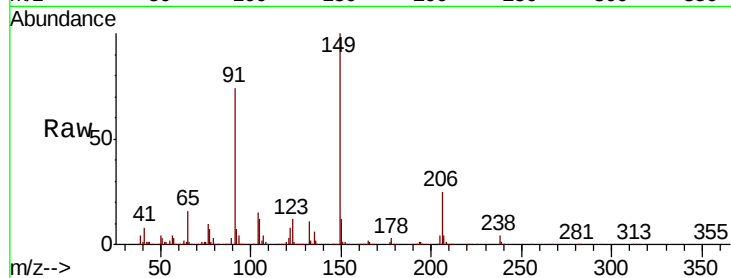




#79  
Butylbenzylphthalate  
Concen: 36.996 ng  
RT: 20.72 min Scan# 2967  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

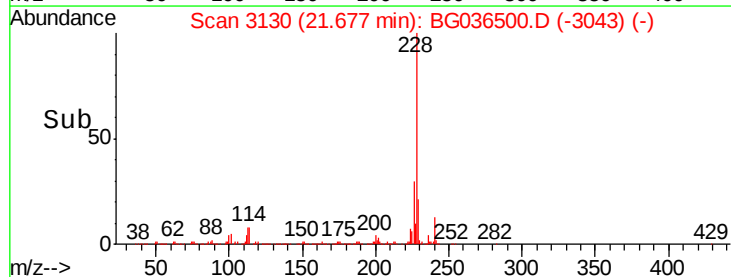
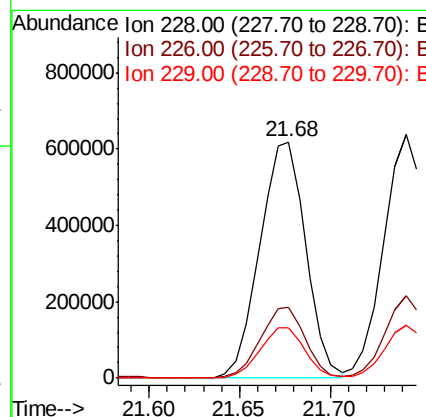
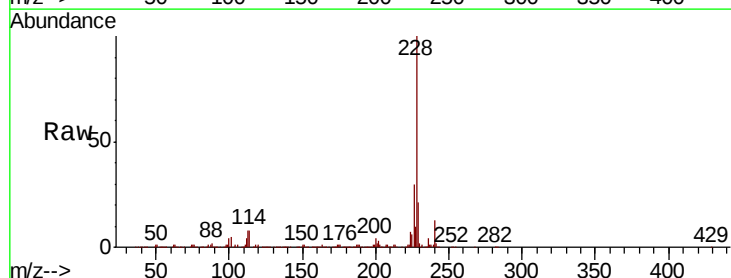
Instrument :  
BNA\_G  
ClientSampleId :

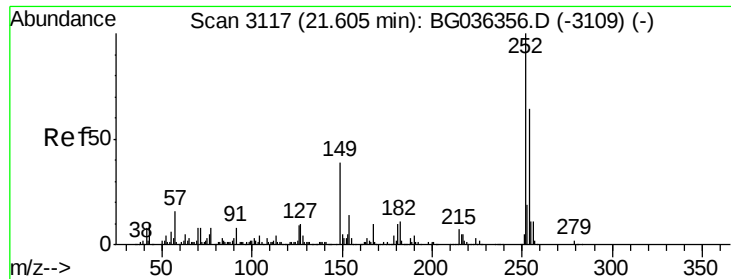
Tot Ion:149 Resp: 443563  
Ion Ratio Lower Upper  
149 100  
91 74.4 62.0 93.0  
206 25.0 19.6 29.4



#80  
Benzo(a)anthracene  
Concen: 36.644 ng  
RT: 21.68 min Scan# 3130  
Delta R.T. -0.02 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Tgt Ion:228 Resp: 1087560  
Ion Ratio Lower Upper  
228 100  
226 30.0 23.4 35.2  
229 21.2 17.1 25.7

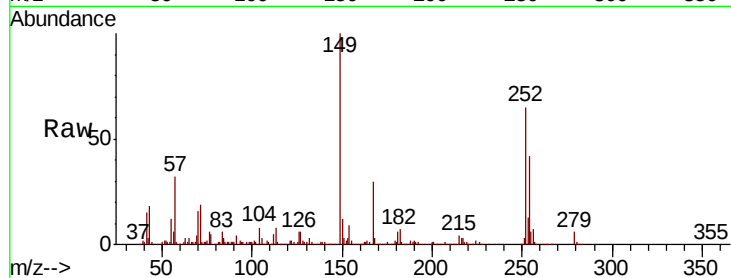




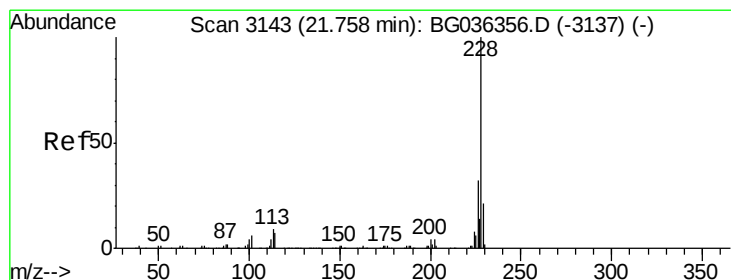
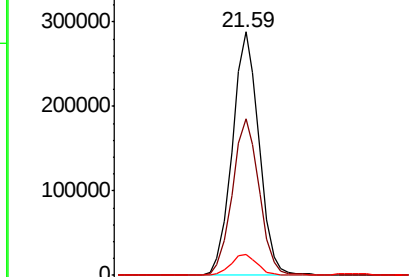
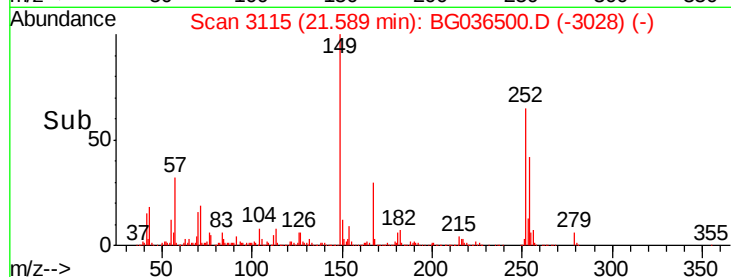
#81  
 3,3'-Dichlorobenzidine  
 Concen: 37.601 ng  
 RT: 21.59 min Scan# 3115  
 Delta R.T. -0.02 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:252 Resp: 444756  
 Ion Ratio Lower Upper  
 252 100  
 254 64.5 51.0 76.4  
 126 8.5 7.4 11.0

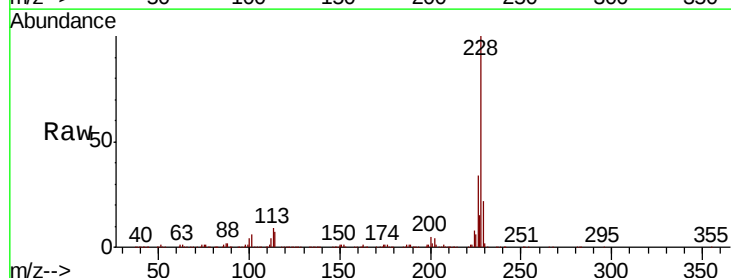


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

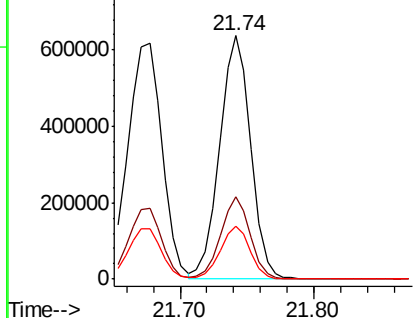
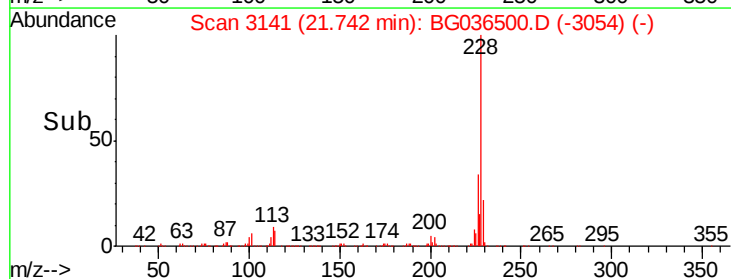


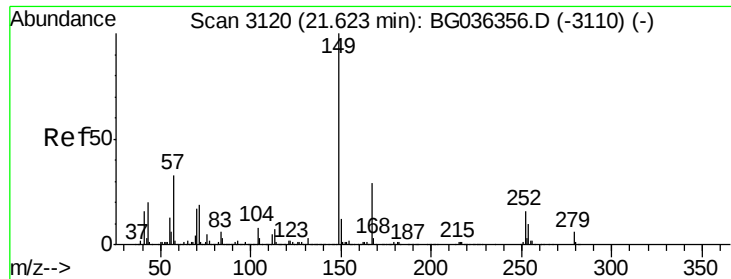
#82  
 Chrysene  
 Concen: 36.803 ng  
 RT: 21.74 min Scan# 3141  
 Delta R.T. -0.02 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Tgt Ion:228 Resp: 1035335  
 Ion Ratio Lower Upper  
 228 100  
 226 33.8 25.5 38.3  
 229 21.8 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

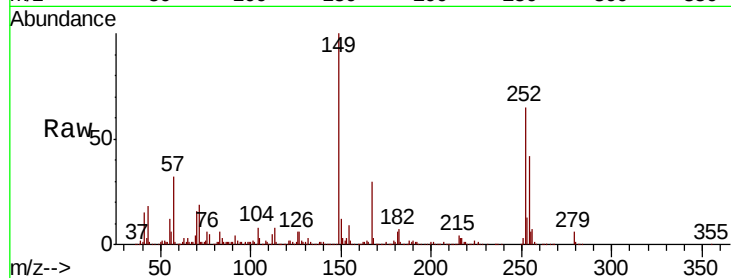




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 36.255 ng  
 RT: 21.59 min Scan# 3115  
 Delta R.T. -0.03 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.6  | 23.4  | 35.0  |
| 279     | 5.7   | 4.6   | 7.0   |

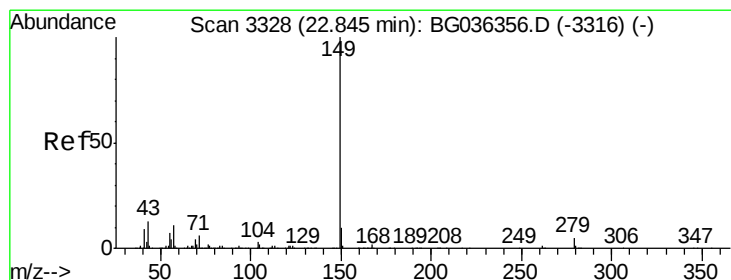
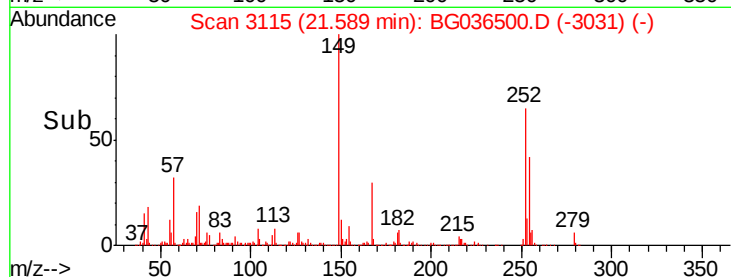
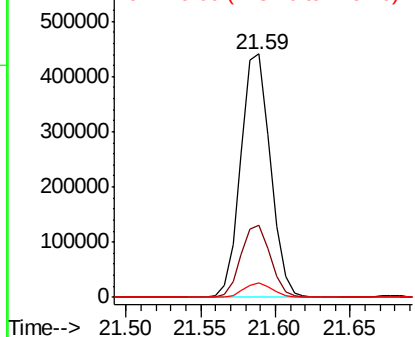


Abundance

Ion 149.00 (148.70 to 149.70): E

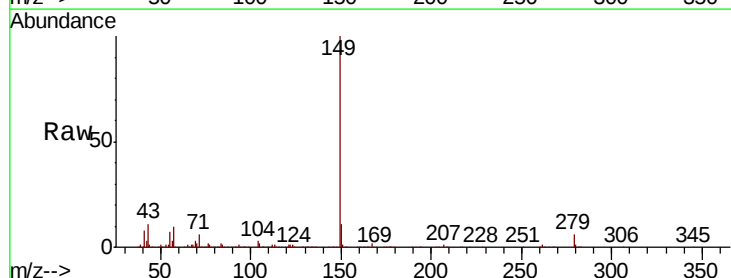
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84  
 Di-n-octyl phthalate  
 Concen: 36.726 ng  
 RT: 22.80 min Scan# 3321  
 Delta R.T. -0.05 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 11.0  | 10.0  | 15.0  |

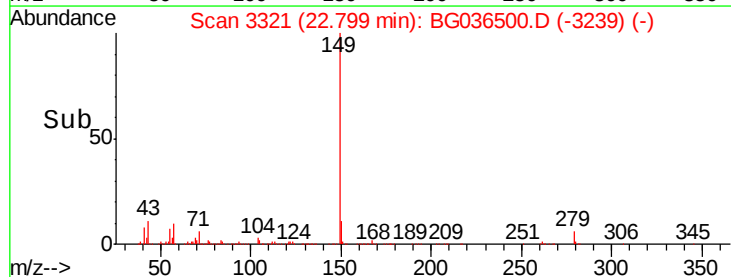
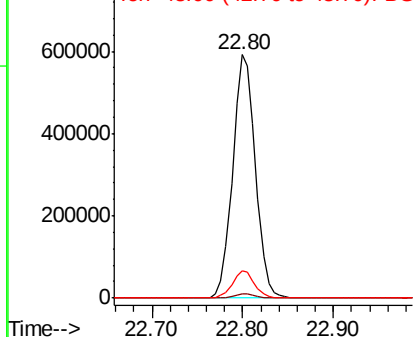


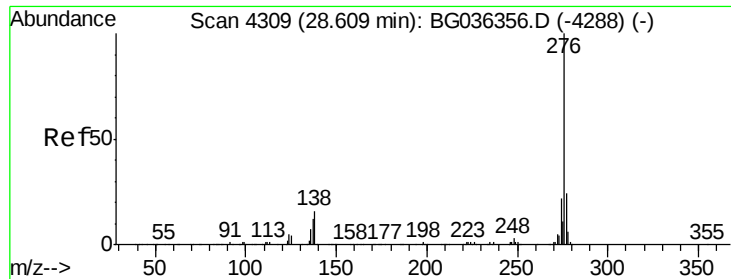
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



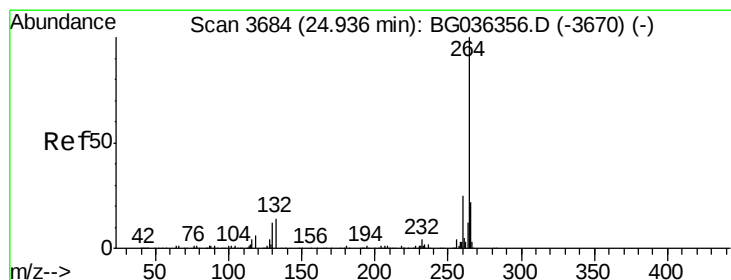
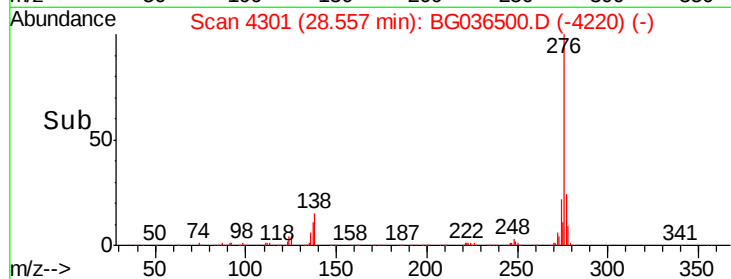
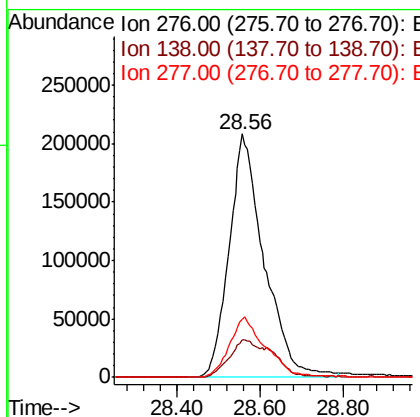
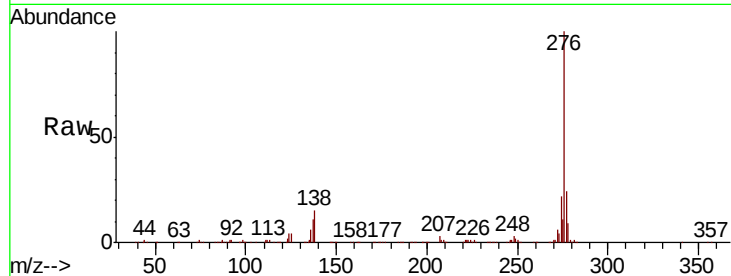


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 37.233 ng  
 RT: 28.56 min Scan# 4301  
 Delta R.T. -0.05 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:276 Resp: 1216599  

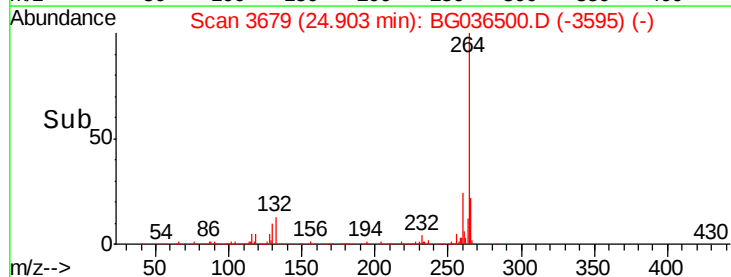
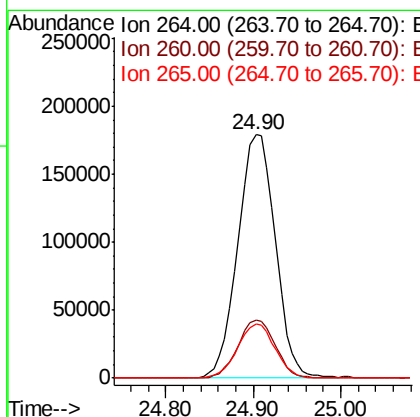
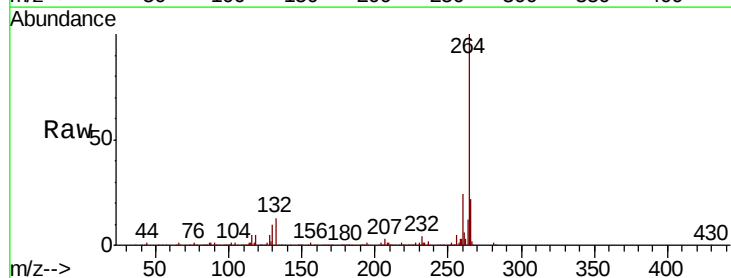
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 19.2  | 10.6  | 15.8# |
| 277 | 25.6  | 20.6  | 30.8  |

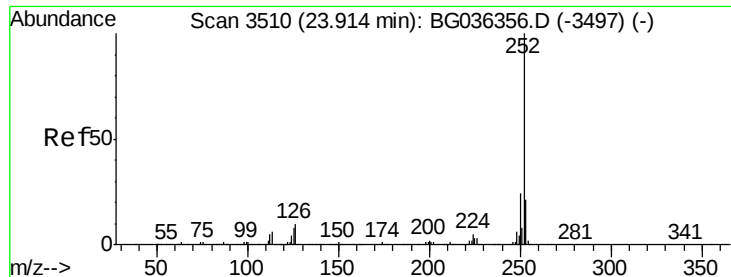


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.90 min Scan# 3679  
 Delta R.T. -0.03 min  
 Lab File: BG036500.D  
 Acq: 31 Aug 2018 10:27

Tgt Ion:264 Resp: 522844  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 19.6  | 29.4  |
| 265 | 22.0  | 17.4  | 26.0  |

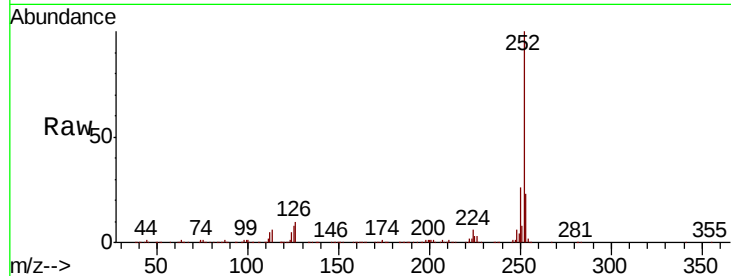




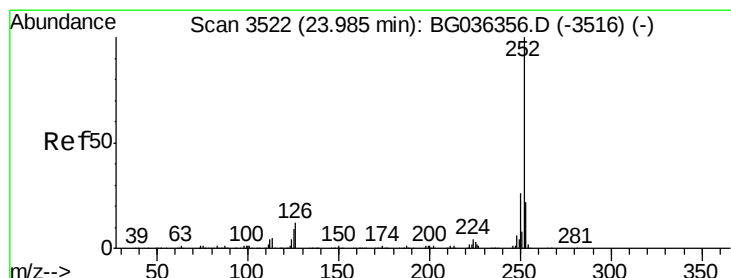
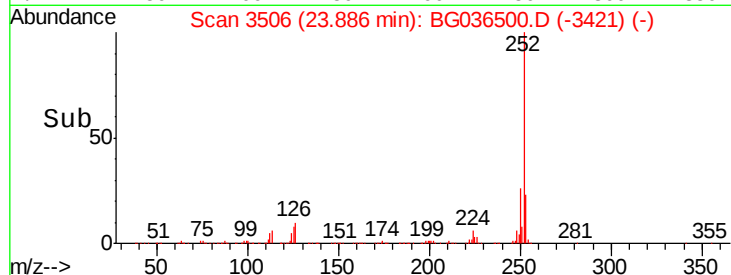
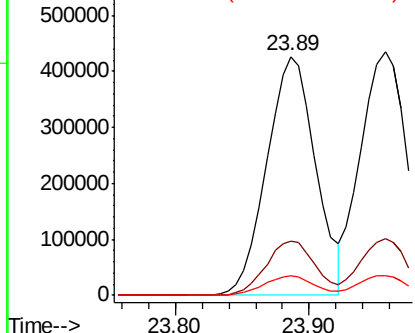
#87  
Benzo(b)fluoranthene  
Concen: 37.307 ng  
RT: 23.89 min Scan# 3506  
Delta R.T. -0.03 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:252 Resp: 1083151  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.1 25.7  
125 8.0 6.6 10.0

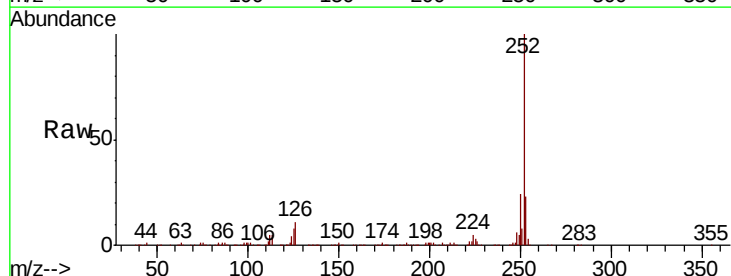


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

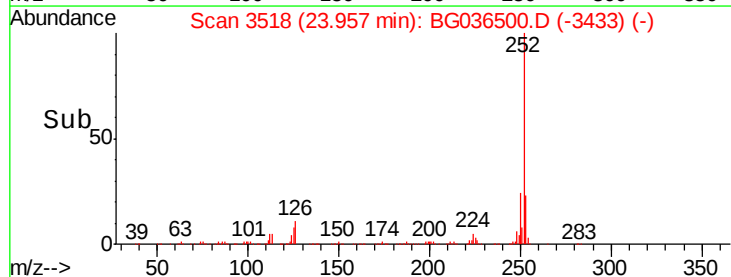
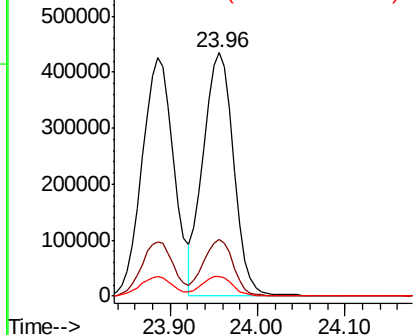


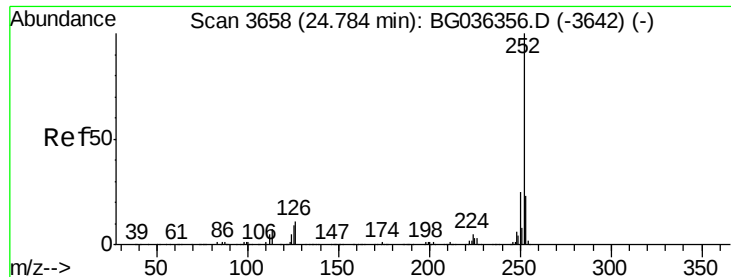
#88  
Benzo(k)fluoranthene  
Concen: 37.198 ng  
RT: 23.96 min Scan# 3518  
Delta R.T. -0.03 min  
Lab File: BG036500.D  
Acq: 31 Aug 2018 10:27

Tgt Ion:252 Resp: 1055114  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.0 27.0  
125 8.1 7.0 10.6



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(a)pyrene

Concen: 37.441 ng

RT: 24.76 min Scan# 3654

Delta R.T. -0.03 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampleId :

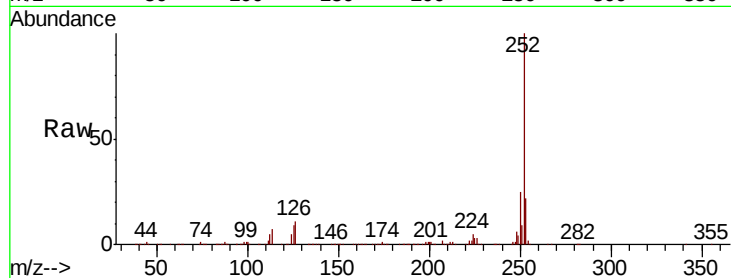
Tot Ion:252 Resp: 1044581

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

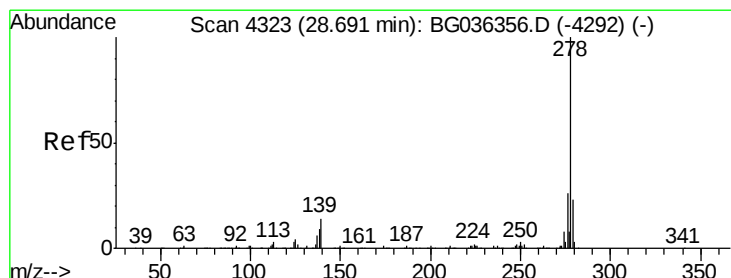
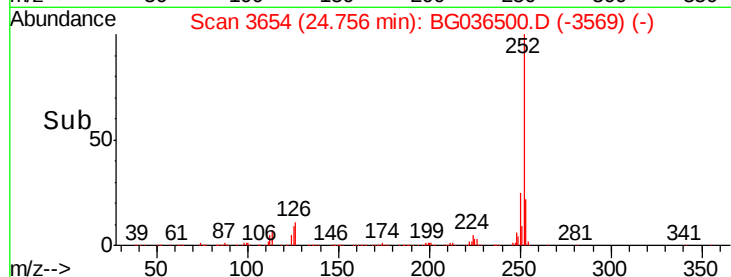
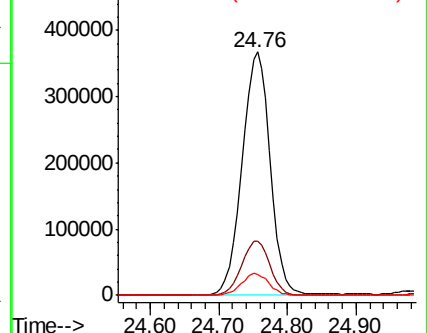
125 8.7 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.773 ng

RT: 28.63 min Scan# 4313

Delta R.T. -0.06 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

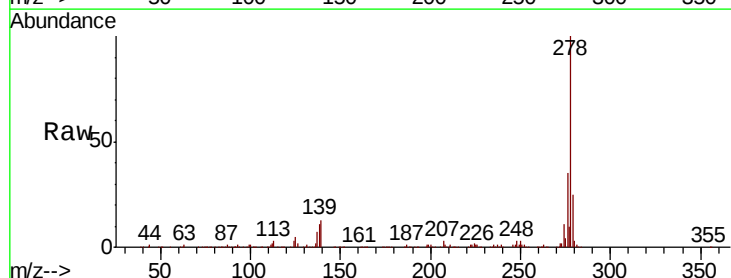
Tgt Ion:278 Resp: 990436

Ion Ratio Lower Upper

278 100

139 12.5 11.0 16.4

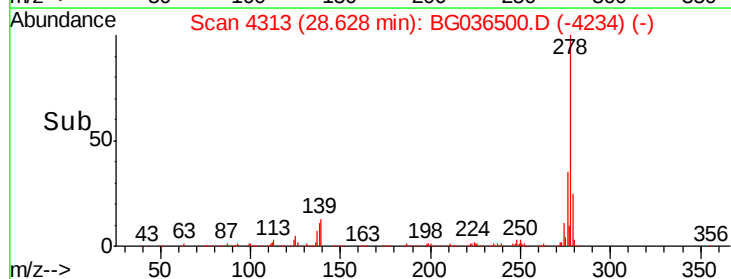
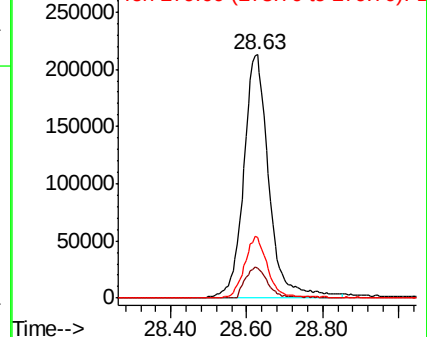
279 24.9 18.7 28.1

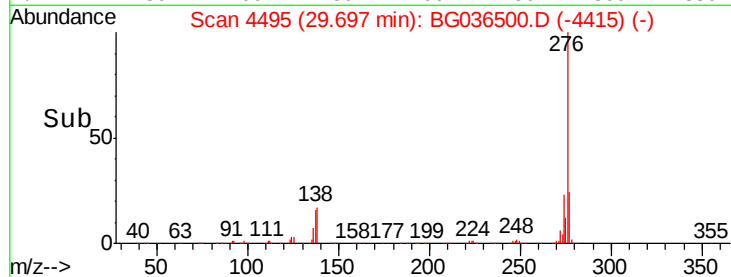
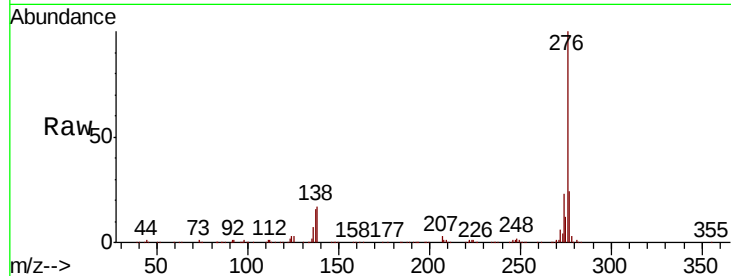
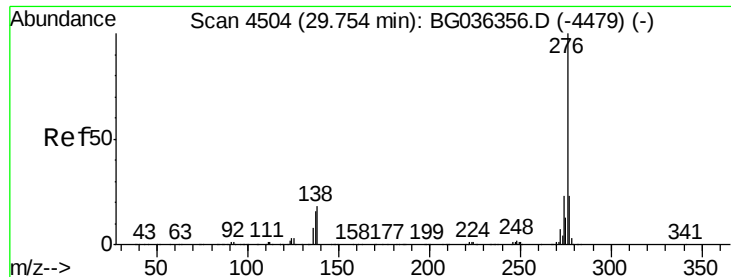


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.598 ng

RT: 29.70 min Scan# 4495

Delta R.T. -0.06 min

Lab File: BG036500.D

Acq: 31 Aug 2018 10:27

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:276 Resp: 990585

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 16.8 14.6 22.0

