

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG120318\  
 Data File : BG038309.D  
 Acq On : 3 Dec 2018 21:00  
 Operator : JU/SJ  
 Sample : J6179-01MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S1-0-0.5-BGSMS

Quant Time: Dec 04 05:03:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG111318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 16:39:28 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 12294    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.90 | 136  | 48524    | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.71 | 164  | 50602    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.46 | 188  | 179778   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.75 | 240  | 174713   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.06 | 264  | 183273   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.63  | 112  | 61711    | 86.67  | ng    | 0.00     |
| 7) Phenol-d6                | 7.22  | 99   | 112557   | 110.74 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.25  | 82   | 78300    | 86.38  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.20 | 330  | 95478    | 165.44 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.33 | 172  | 204528   | 58.88  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.06 | 244  | 619775   | 83.47  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88   | 9020     | 26.819 | ng    | # 82   |
| 3) Pyridine                    | 3.92  | 79   | 13971    | 14.562 | ng    | 95     |
| 4) n-Nitrosodimethylamine      | 3.84  | 42   | 12982    | 37.297 | ng    | # 92   |
| 6) Aniline                     | 7.40  | 93   | 31789    | 24.233 | ng    | 96     |
| 8) 2-Chlorophenol              | 7.63  | 128  | 28279    | 34.227 | ng    | 98     |
| 9) Benzaldehyde                | 7.22  | 77   | 16209    | 22.052 | ng    | 92     |
| 10) Phenol                     | 7.25  | 94   | 42405    | 39.388 | ng    | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.49  | 93   | 31874    | 36.265 | ng    | 90     |
| 12) 1,3-Dichlorobenzene        | 7.96  | 146  | 31536    | 33.132 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 8.12  | 146  | 32934    | 34.253 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 8.43  | 146  | 32315    | 35.203 | ng    | 95     |
| 15) Benzyl Alcohol             | 8.32  | 79   | 28287    | 38.461 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60  | 45   | 59212    | 36.280 | ng    | 97     |
| 17) 2-Methylphenol             | 8.51  | 107  | 27846    | 38.257 | ng    | 96     |
| 18) Hexachloroethane           | 9.16  | 117  | 12114    | 34.619 | ng    | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.87  | 70   | 25158    | 34.208 | ng    | 95     |
| 20) 3+4-Methylphenols          | 8.83  | 107  | 38273    | 37.092 | ng    | 98     |
| 22) Acetophenone               | 8.90  | 105  | 48374    | 40.068 | ng    | # 96   |
| 24) Nitrobenzene               | 9.30  | 77   | 50081    | 54.008 | ng    | 97     |
| 25) Isophorone                 | 9.81  | 82   | 78564    | 48.152 | ng    | 100    |
| 26) 2-Nitrophenol              | 10.01 | 139  | 15569    | 33.632 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 10.05 | 122  | 30239    | 43.354 | ng    | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.30 | 93   | 37829    | 36.259 | ng    | 95     |
| 29) 2,4-Dichlorophenol         | 10.54 | 162  | 30240    | 38.545 | ng    | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.75 | 180  | 29759    | 33.850 | ng    | 100    |
| 31) Naphthalene                | 10.94 | 128  | 91495    | 38.336 | ng    | 98     |
| 32) Benzoic acid               | 10.15 | 122  | 4863     | 20.379 | ng    | 91     |
| 33) 4-Chloroaniline            | 11.06 | 127  | 36597    | 32.965 | ng    | 98     |
| 34) Hexachlorobutadiene        | 11.21 | 225  | 17359    | 32.083 | ng    | 97     |
| 35) Caprolactam                | 11.87 | 113  | 8665     | 27.593 | ng    | 92     |
| 36) 4-Chloro-3-methylphenol    | 12.16 | 107  | 49523    | 57.779 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 12.55 | 142  | 79457    | 46.348 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.76 | 142  | 80213    | 48.609 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.91 | 216  | 44760    | 26.471 | ng    | 98     |

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 Sample : J6179-01MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

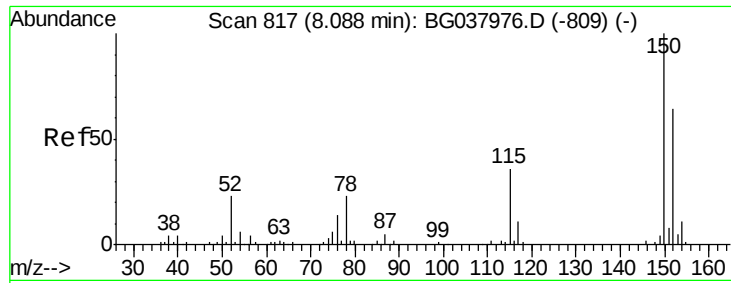
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S1-0-0.5-BGSMS

Quant Time: Dec 04 05:03:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG111318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 16:39:28 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 47473    | 52.431  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.15 | 196  | 36870    | 31.999  | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.22 | 196  | 44988    | 37.108  | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.55 | 154  | 116941   | 27.508  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.59 | 162  | 98401    | 30.333  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.80 | 65   | 45235    | 44.306  | ng    | 95       |
| 49) Acenaphthylene             | 14.44 | 152  | 190147   | 38.979  | ng    | 98       |
| 50) Dimethylphthalate          | 14.16 | 163  | 191739   | 47.796  | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.29 | 165  | 40037    | 44.097  | ng    | 98       |
| 52) Acenaphthene               | 14.77 | 154  | 108173   | 36.834  | ng    | 97       |
| 53) 3-Nitroaniline             | 14.63 | 138  | 40159    | 40.084  | ng    | # 98     |
| 54) 2,4-Dinitrophenol          | 14.83 | 184  | 46734    | 93.589  | ng    | 89       |
| 55) Dibenzofuran               | 15.11 | 168  | 191642   | 39.464  | ng    | 94       |
| 56) 4-Nitrophenol              | 14.93 | 139  | 81671    | 105.696 | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 15.08 | 165  | 67943    | 55.000  | ng    | 96       |
| 58) Fluorene                   | 15.76 | 166  | 168694   | 46.559  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 50536    | 49.815  | ng    | 98       |
| 60) Diethylphthalate           | 15.51 | 149  | 206619   | 48.492  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 86035    | 40.581  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.79 | 138  | 54774    | 55.035  | ng    | 90       |
| 63) Azobenzene                 | 16.04 | 77   | 176530   | 46.337  | ng    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 15.84 | 198  | 41304    | 36.324  | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 15.97 | 169  | 168128   | 30.913  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 60581    | 30.702  | ng    | 95       |
| 68) Hexachlorobenzene          | 16.75 | 284  | 67623    | 33.201  | ng    | 96       |
| 69) Atrazine                   | 16.91 | 200  | 77410    | 38.610  | ng    | 98       |
| 70) Pentachlorophenol          | 17.10 | 266  | 83305    | 60.222  | ng    | 92       |
| 71) Phenanthrene               | 17.51 | 178  | 351137   | 38.149  | ng    | 99       |
| 72) Anthracene                 | 17.59 | 178  | 358976   | 39.565  | ng    | 99       |
| 73) Carbazole                  | 17.87 | 167  | 336328   | 36.947  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.40 | 149  | 412391   | 40.357  | ng    | 98       |
| 75) Fluoranthene               | 19.51 | 202  | 441306   | 42.023  | ng    | 99       |
| 77) Benzidine                  | 19.70 | 184  | 88089    | 14.369  | ng    | 98       |
| 78) Pyrene                     | 19.87 | 202  | 441605   | 38.660  | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 181536   | 36.341  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.72 | 228  | 403039   | 38.174  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.64 | 252  | 99340    | 24.154  | ng    | 97       |
| 83) Chrysene                   | 21.79 | 228  | 375851   | 37.206  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.59 | 149  | 249731   | 35.055  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.83 | 149  | 446082   | 38.705  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.86 | 276  | 426026   | 37.972  | ng    | # 93     |
| 88) Benzo(b)fluoranthene       | 24.00 | 252  | 422481   | 41.890  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.07 | 252  | 397026   | 39.894  | ng    | 100      |
| 90) Benzo(a)pyrene             | 24.90 | 252  | 374987   | 38.905  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.92 | 278  | 350191   | 37.760  | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.07 | 276  | 353746   | 38.362  | ng    | 96       |

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



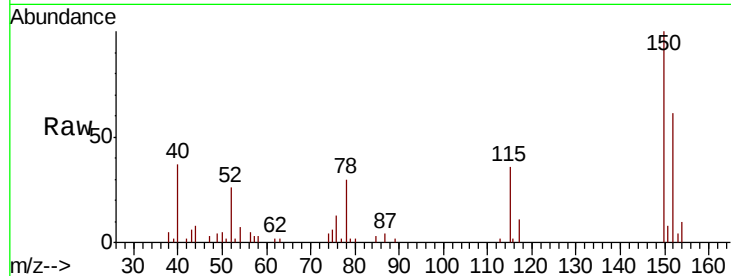


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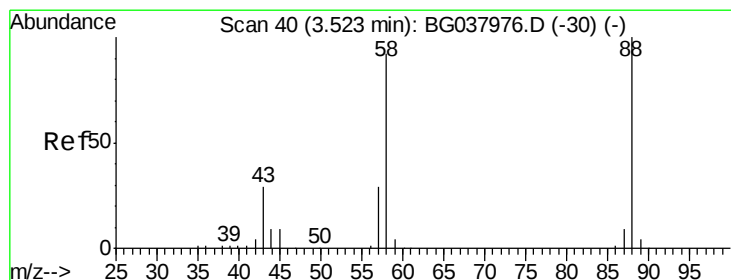
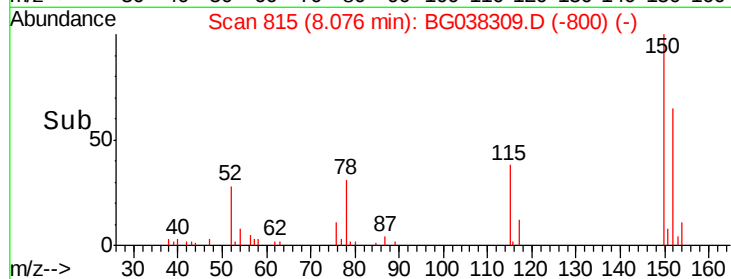
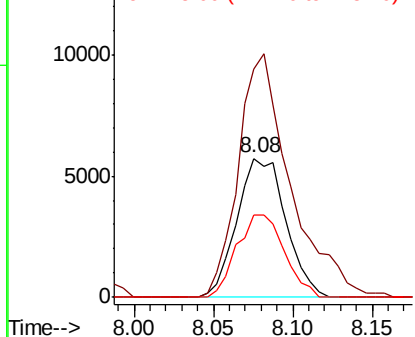
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.08 min Scan# 815  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S1-0-0.5-BGSMS

Tgt Ion:152 Resp: 12294  
 Ion Ratio Lower Upper  
 152 100  
 150 163.8 126.0 189.0  
 115 59.1 45.5 68.3



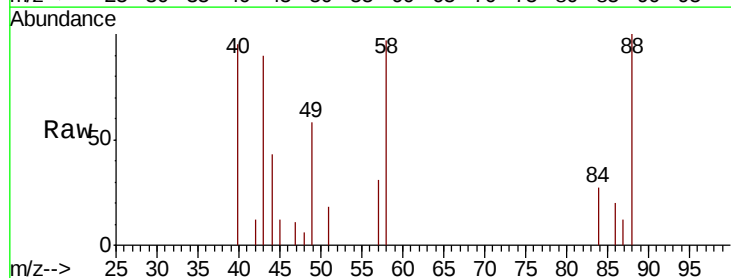
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



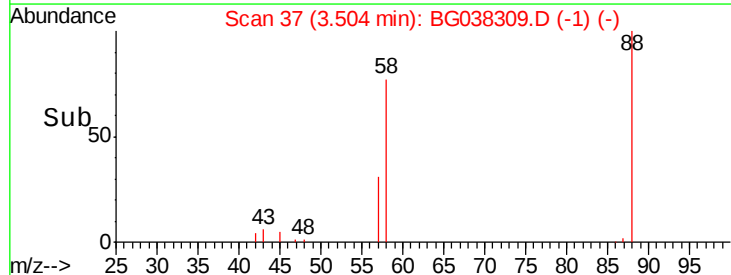
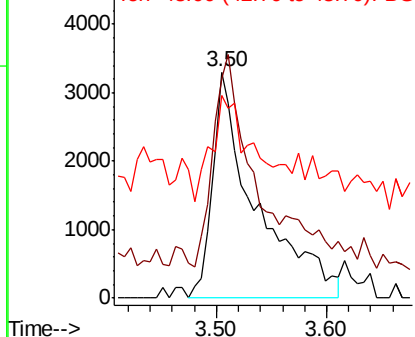
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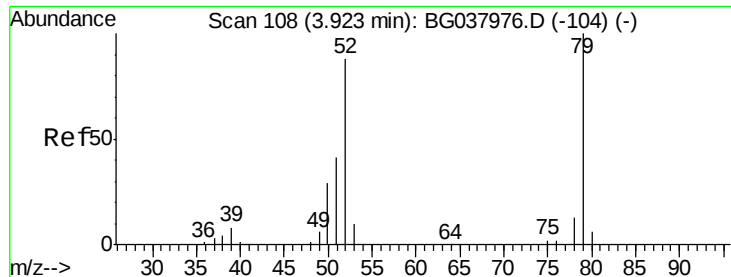
1,4-Dioxane  
 Concen: 26.819 ng  
 RT: 3.50 min Scan# 37  
 Delta R.T. -0.02 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Tgt Ion: 88 Resp: 9020  
 Ion Ratio Lower Upper  
 88 100  
 58 76.6 74.4 111.6  
 43 44.7 25.8 38.8#



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





#3

Pyridine

Concen: 14.562 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

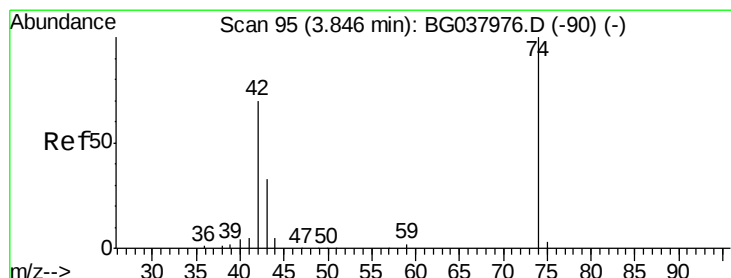
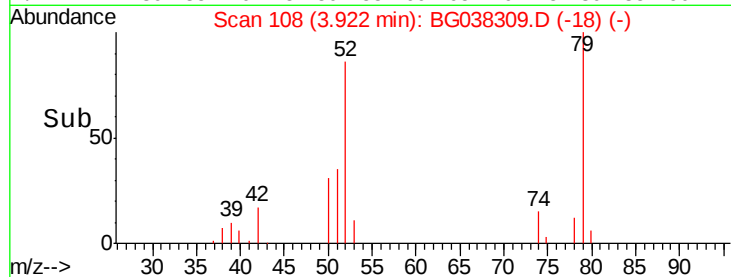
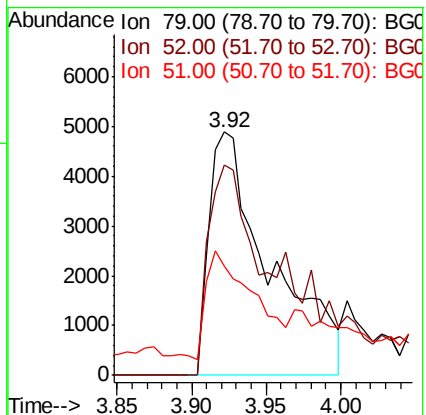
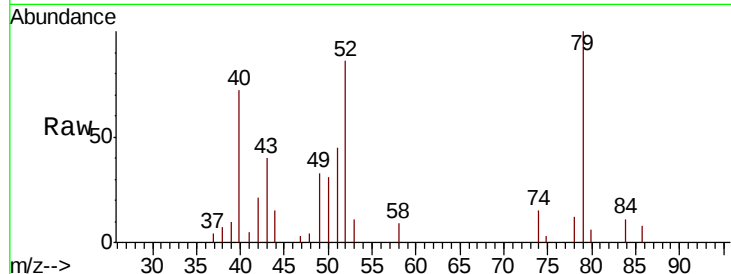
Tgt Ion: 79 Resp: 13971

Ion Ratio Lower Upper

79 100

52 86.4 74.2 111.2

51 44.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 37.297 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

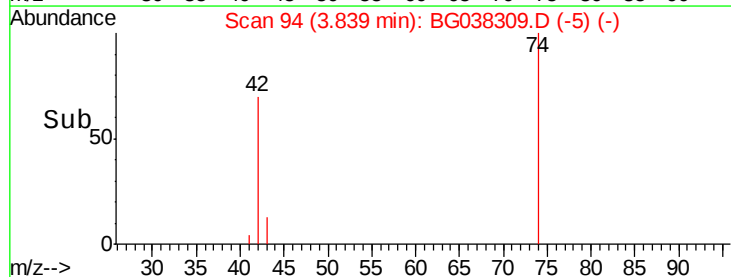
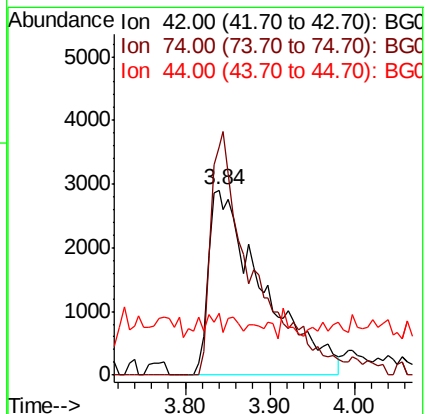
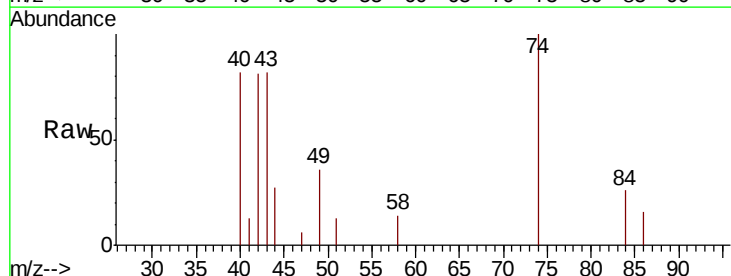
Tgt Ion: 42 Resp: 12982

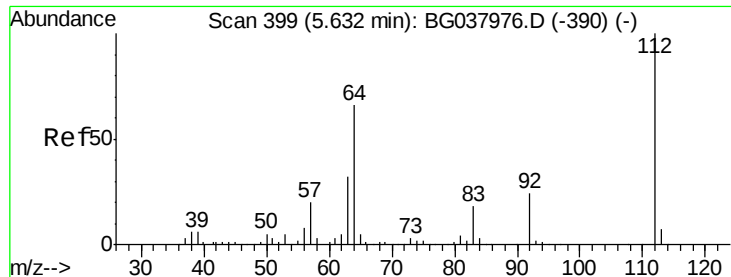
Ion Ratio Lower Upper

42 100

74 122.9 102.0 153.0

44 33.4 9.6 14.4#





#5

2-Fluorophenol

Concen: 86.667 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

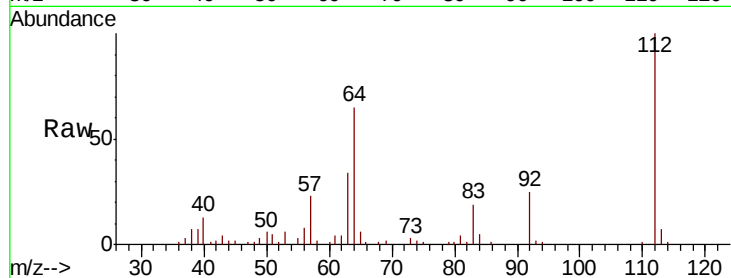
Tgt Ion: 112 Resp: 61711

Ion Ratio Lower Upper

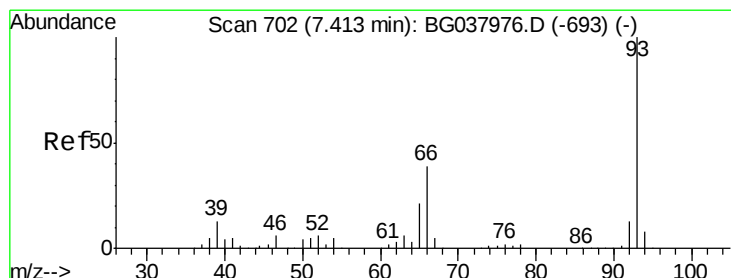
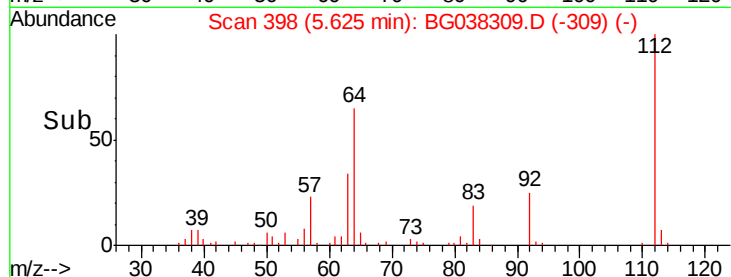
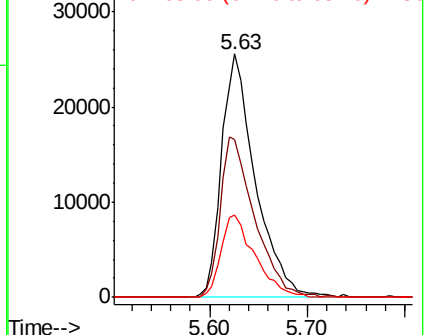
112 100

64 65.1 53.1 79.7

63 33.8 27.3 40.9



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



#6

Aniline

Concen: 24.233 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

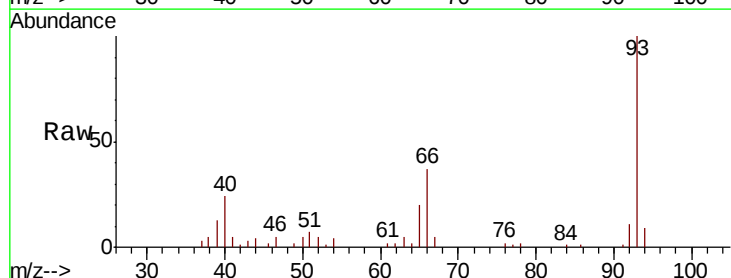
Tgt Ion: 93 Resp: 31789

Ion Ratio Lower Upper

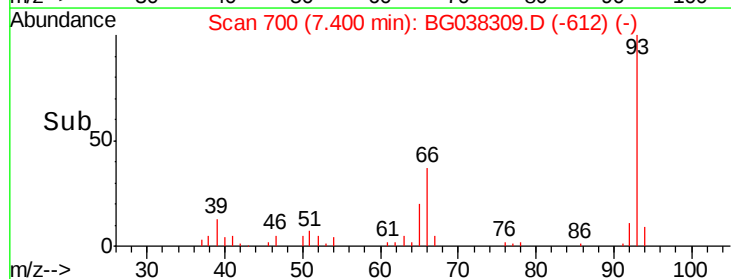
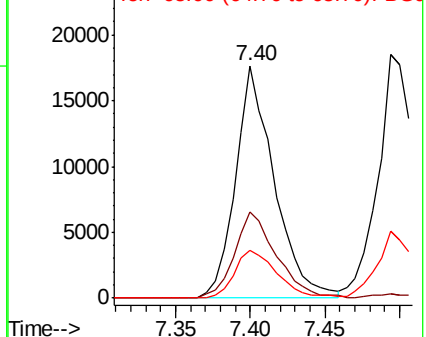
93 100

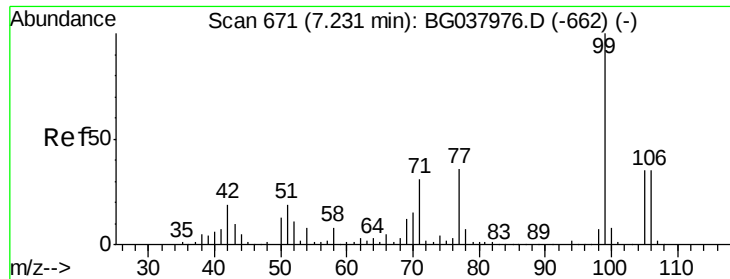
66 36.9 32.8 49.2

65 20.4 16.4 24.6



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





#7

Phenol-d6

Concen: 110.740 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

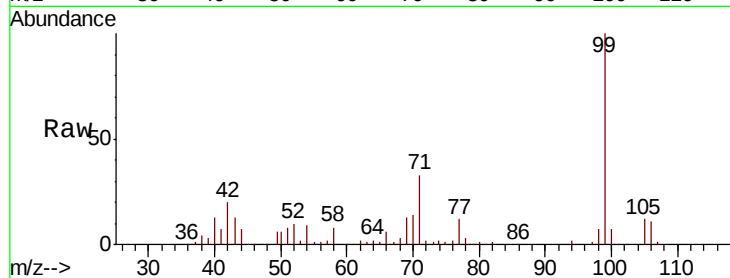
Tgt Ion: 99 Resp: 112557

Ion Ratio Lower Upper

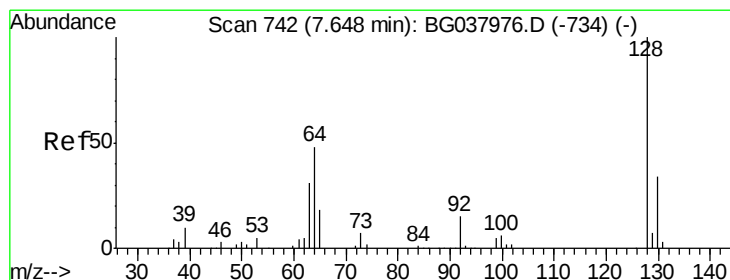
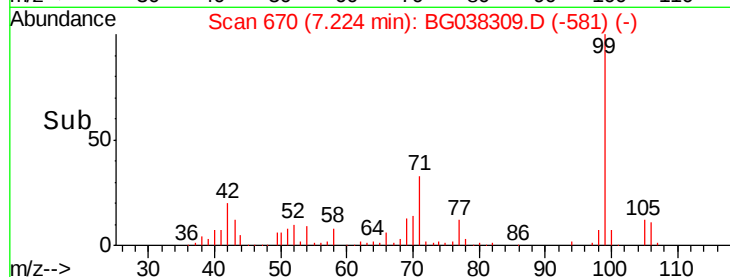
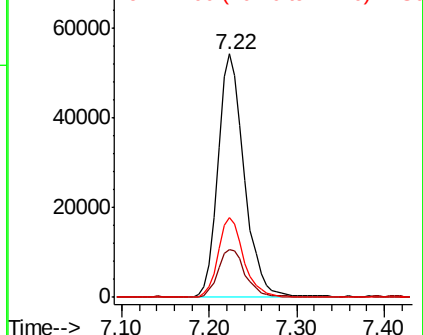
99 100

42 19.6 15.0 22.4

71 32.9 25.5 38.3



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



#8

2-Chlorophenol

Concen: 34.227 ng

RT: 7.63 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

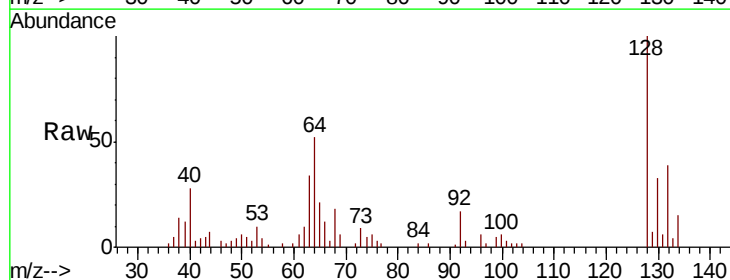
Tgt Ion: 128 Resp: 28279

Ion Ratio Lower Upper

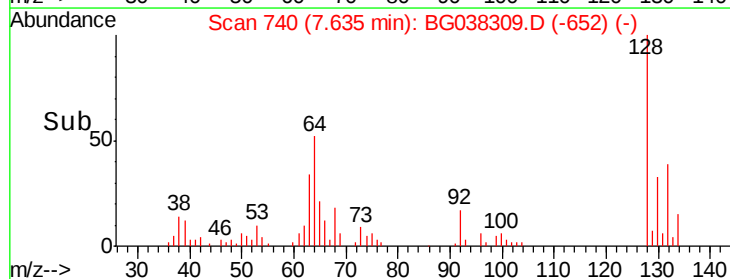
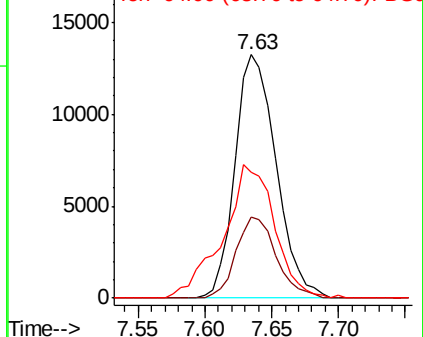
128 100

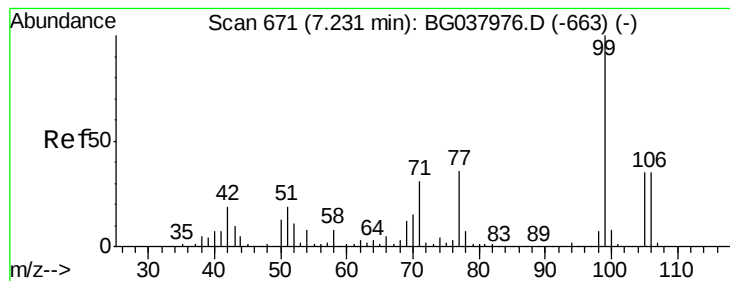
130 33.1 12.0 52.0

64 51.5 32.9 72.9



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: 22.052 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

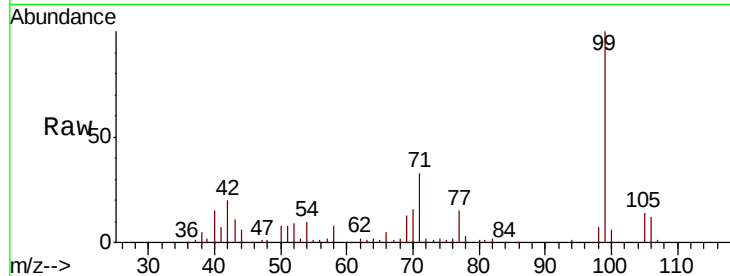
Tgt Ion: 77 Resp: 16209

Ion Ratio Lower Upper

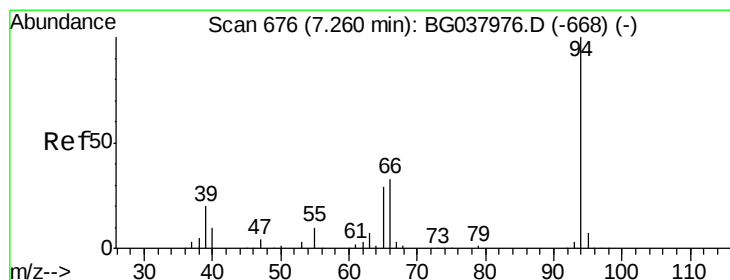
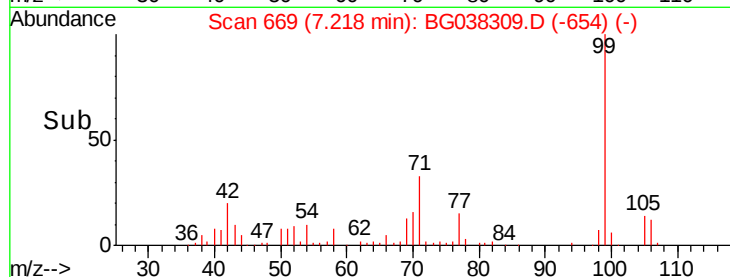
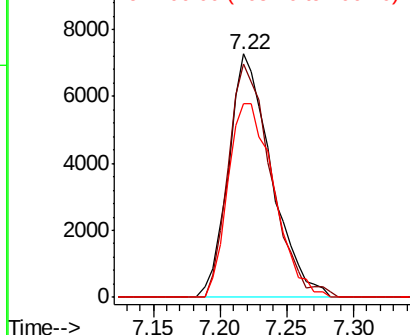
77 100

105 96.0 72.6 112.6

106 79.6 71.3 111.3



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



#10

Phenol

Concen: 39.388 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

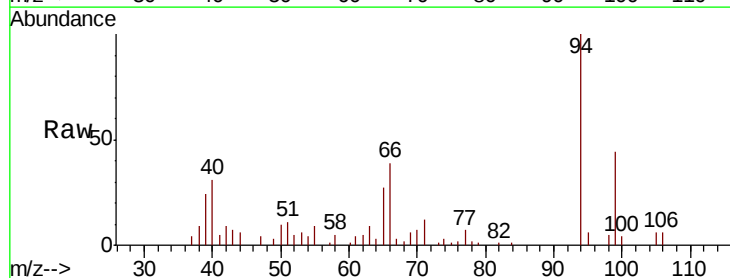
Tgt Ion: 94 Resp: 42405

Ion Ratio Lower Upper

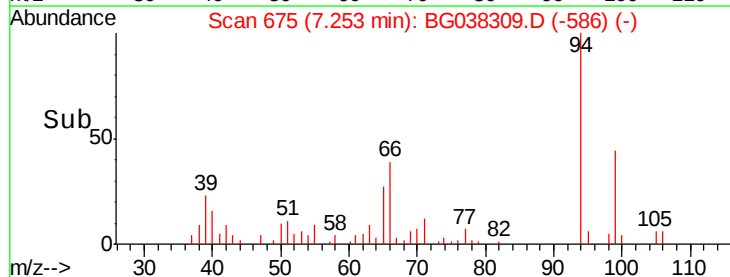
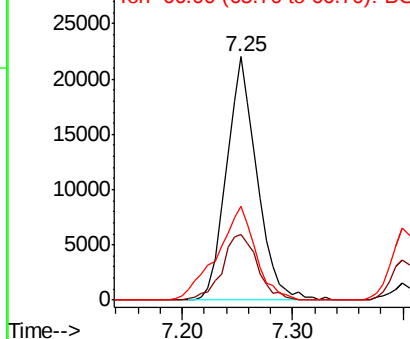
94 100

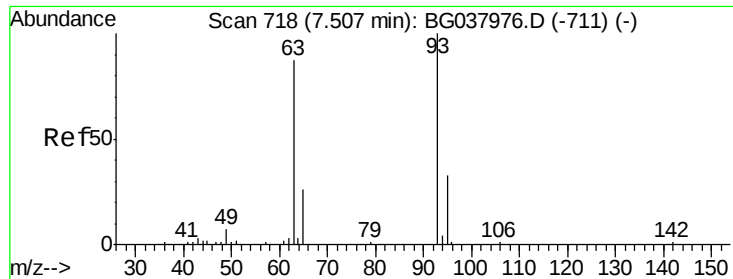
65 27.2 9.7 49.7

66 38.6 15.9 55.9



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



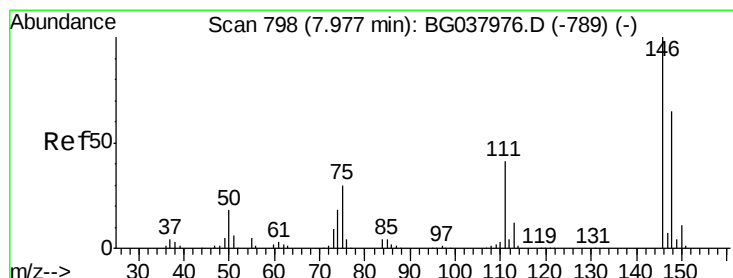
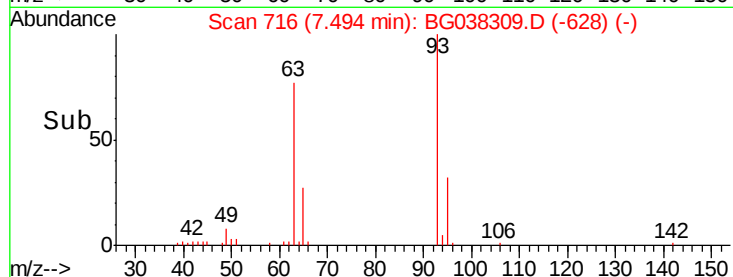
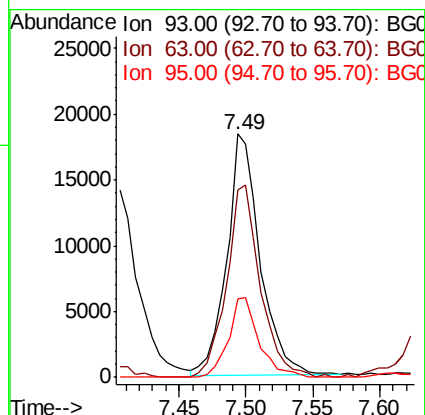
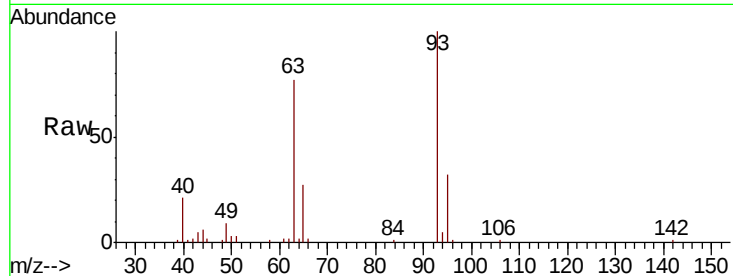


#11  
bis(2-Chloroethyl)ether  
Concen: 36.265 ng  
RT: 7.49 min Scan# 716  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

Tgt Ion: 93 Resp: 31874  

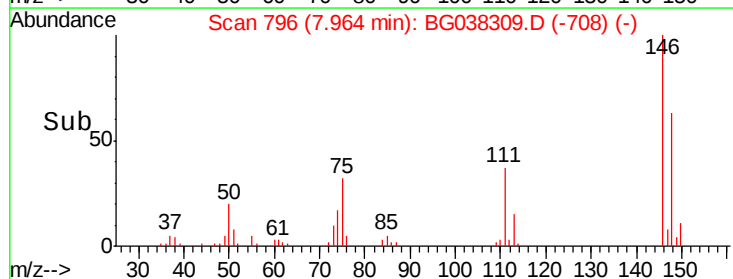
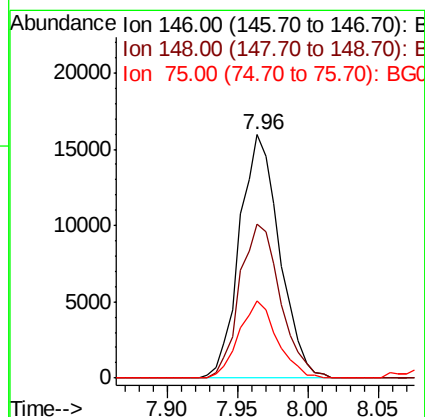
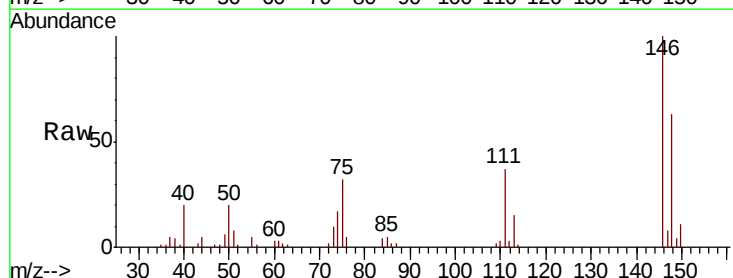
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 76.8  | 69.5  | 109.5 |
| 95  | 32.0  | 12.6  | 52.6  |

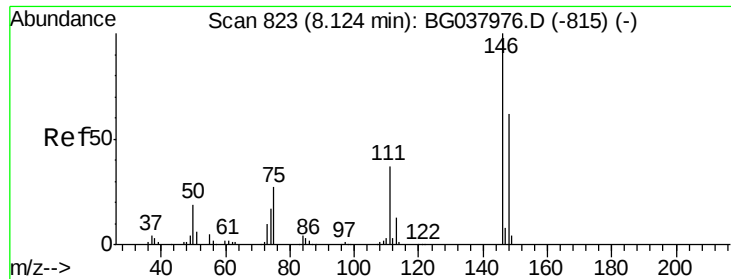


#12  
1,3-Dichlorobenzene  
Concen: 33.132 ng  
RT: 7.96 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Tgt Ion: 146 Resp: 31536  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.4  | 49.8  | 74.8  |
| 75  | 31.6  | 23.2  | 34.8  |





#13

1,4-Dichlorobenzene

Concen: 34.253 ng

RT: 8.12 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

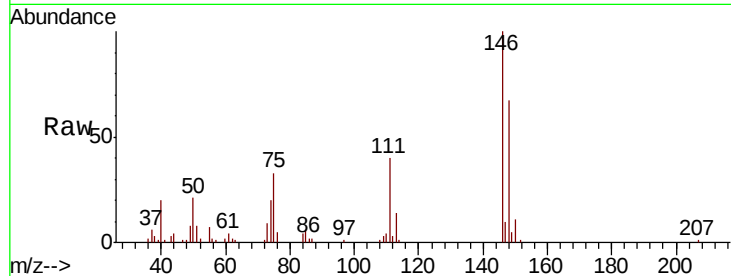
Tgt Ion:146 Resp: 32934

Ion Ratio Lower Upper

146 100

148 67.3 51.0 76.6

111 40.3 32.4 48.6

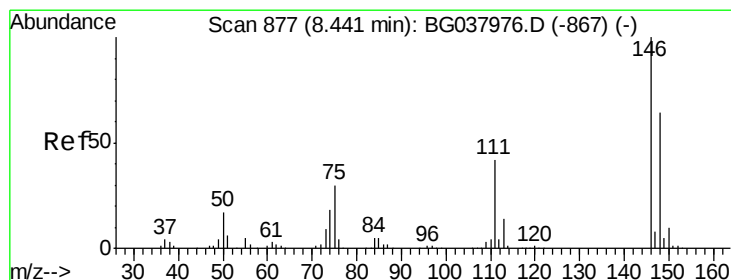
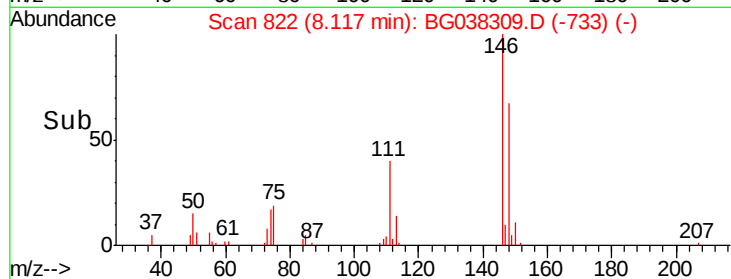
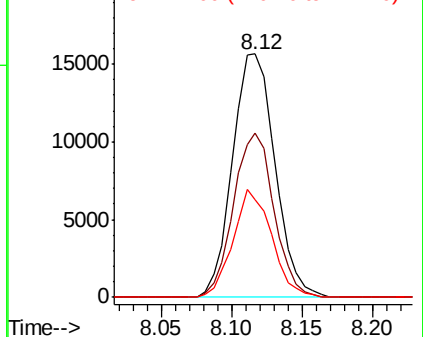


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.203 ng

RT: 8.43 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

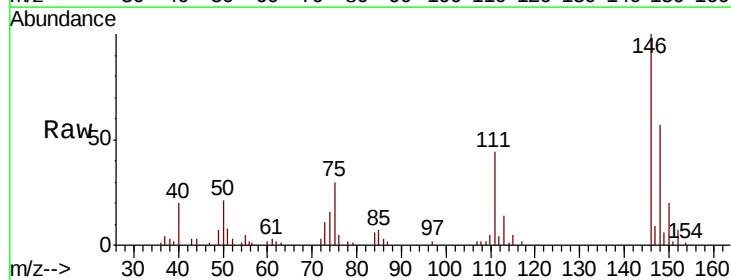
Tgt Ion:146 Resp: 32315

Ion Ratio Lower Upper

146 100

148 57.4 50.4 75.6

111 43.9 34.6 51.8

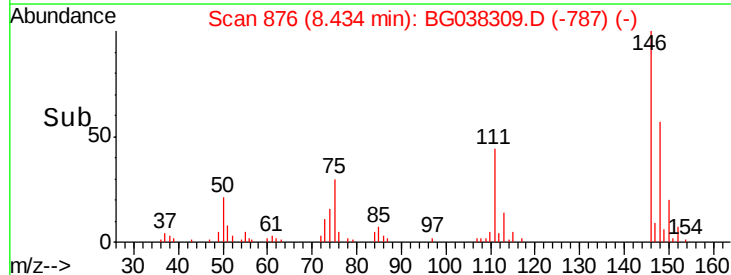
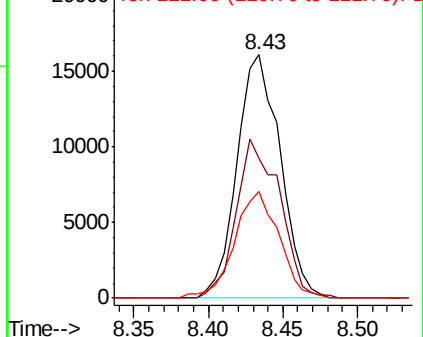


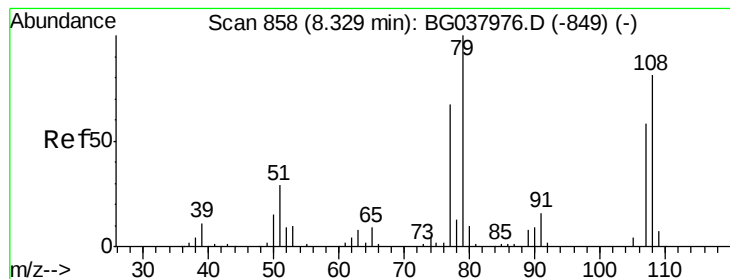
Abundance

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: 38.461 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

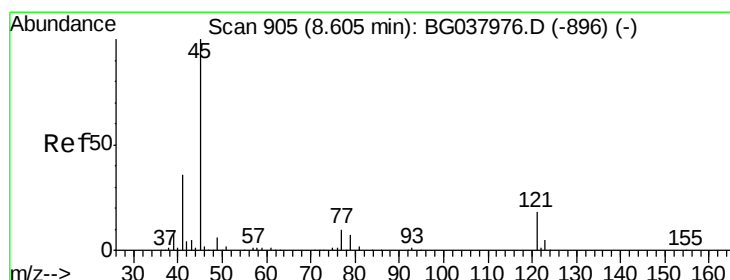
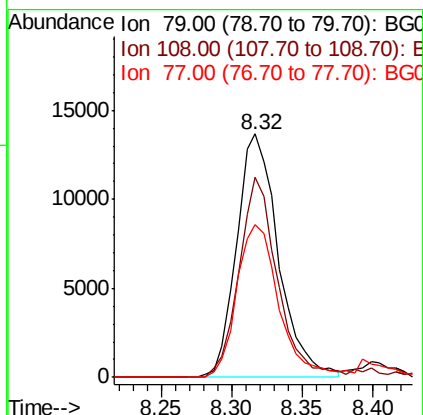
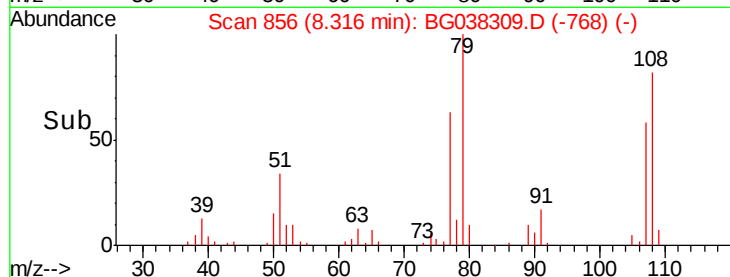
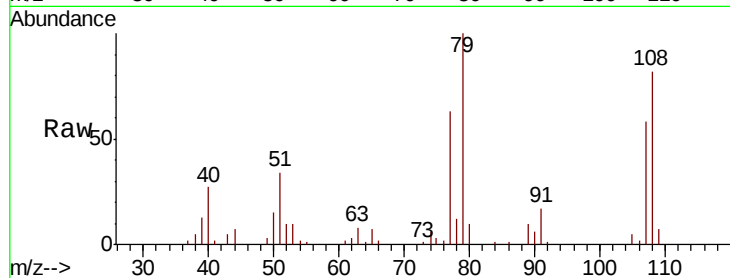
Tgt Ion: 79 Resp: 28287

Ion Ratio Lower Upper

79 100

108 82.2 65.8 98.8

77 62.8 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.280 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

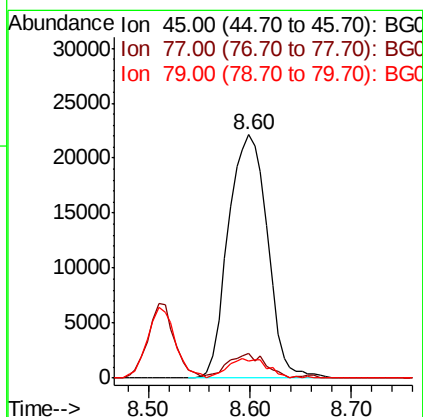
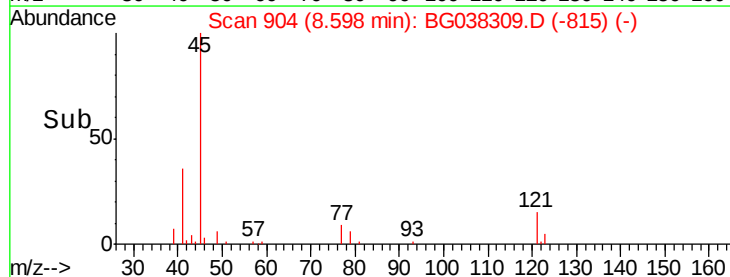
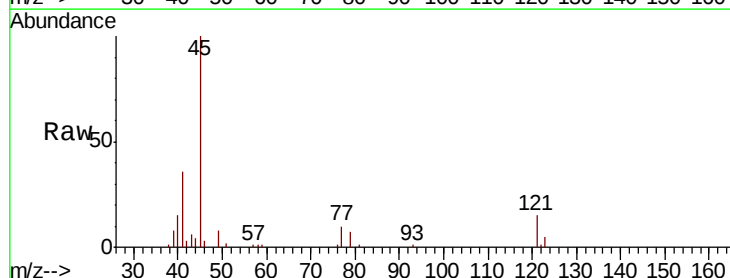
Tgt Ion: 45 Resp: 59212

Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.0

79 7.0 0.0 29.0

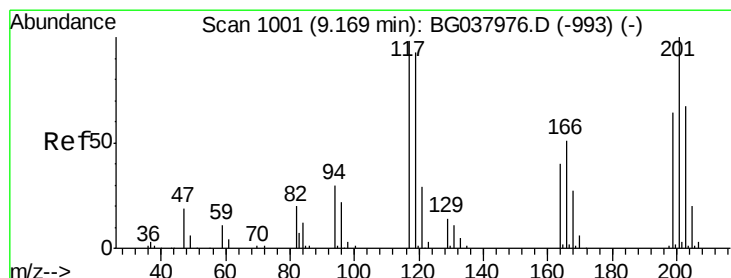
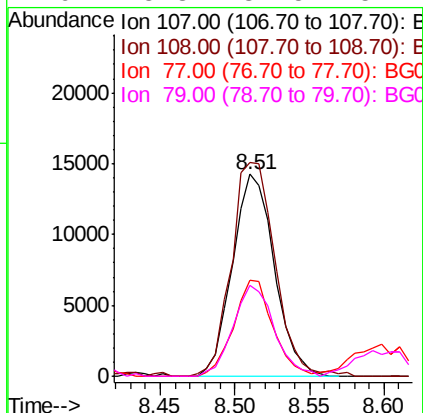
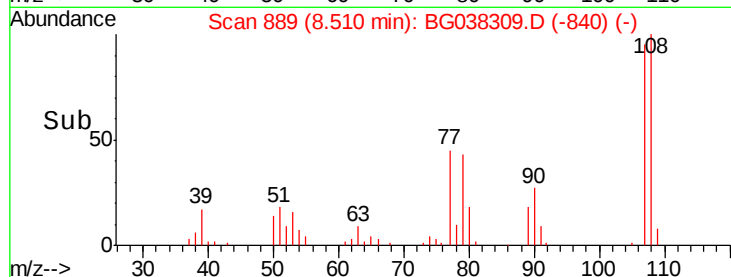
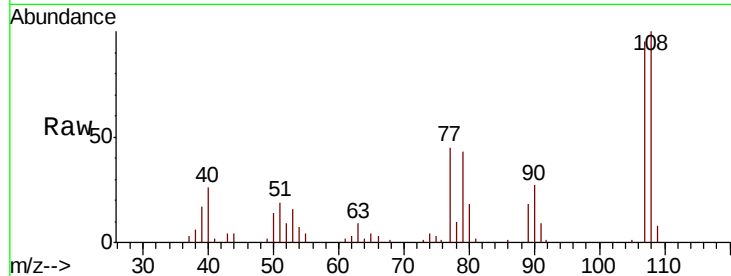




#17  
2-Methylphenol  
Concen: 38.257 ng  
RT: 8.51 min Scan# 889  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

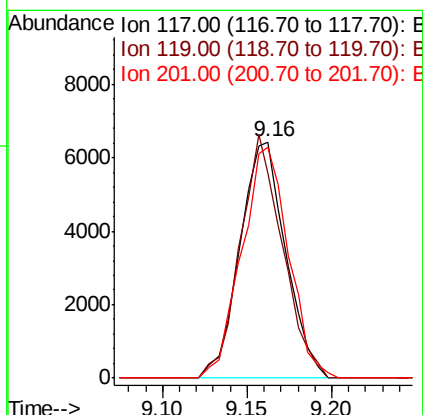
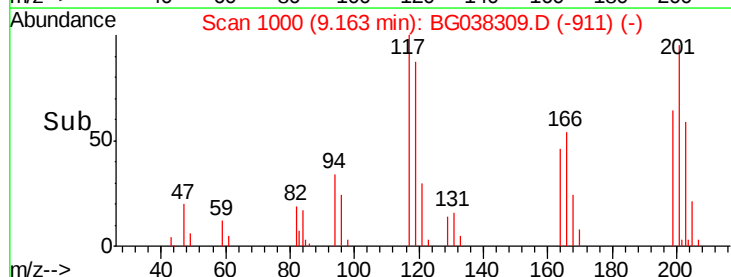
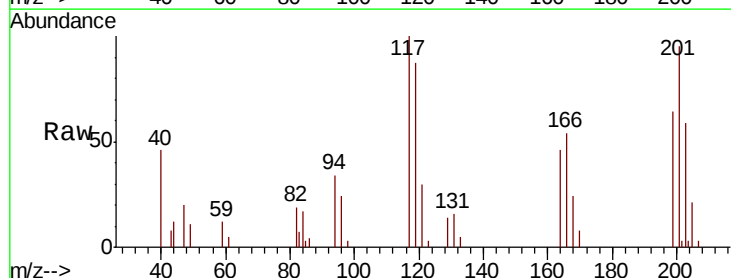
Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

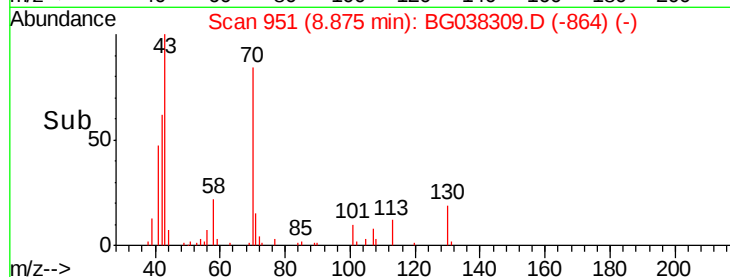
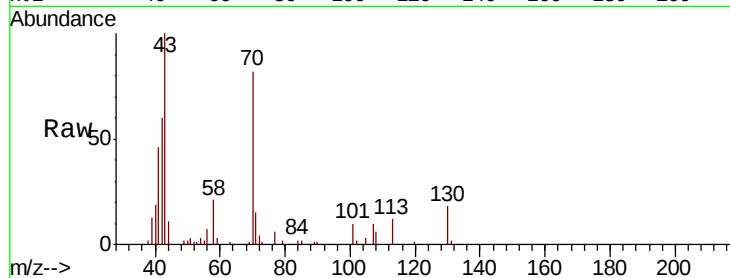
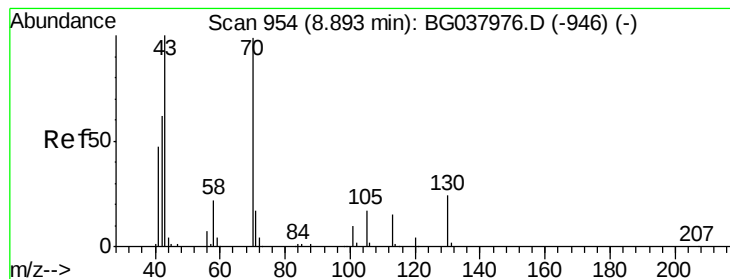
Tgt Ion:107 Resp: 27846  
Ion Ratio Lower Upper  
107 100  
108 105.8 87.9 131.9  
77 47.7 35.1 52.7  
79 45.3 34.5 51.7



#18  
Hexachloroethane  
Concen: 34.619 ng  
RT: 9.16 min Scan# 1000  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Tgt Ion:117 Resp: 12114  
Ion Ratio Lower Upper  
117 100  
119 86.7 74.6 111.8  
201 97.6 80.8 121.2





#19

n-Nitroso-di-n-propylamine

Concen: 34.208 ng

RT: 8.87 min Scan# 951

Delta R.T. -0.02 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

Tgt Ion: 70 Resp: 25158

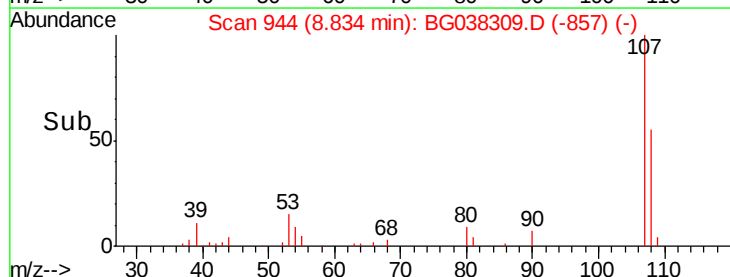
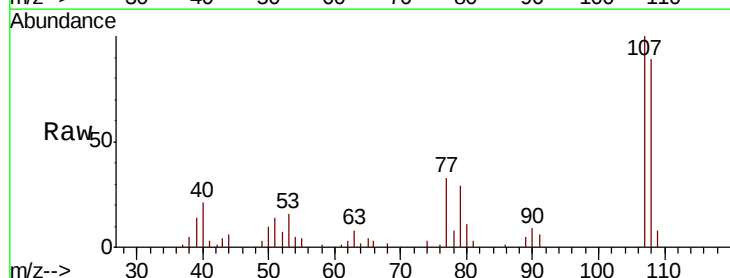
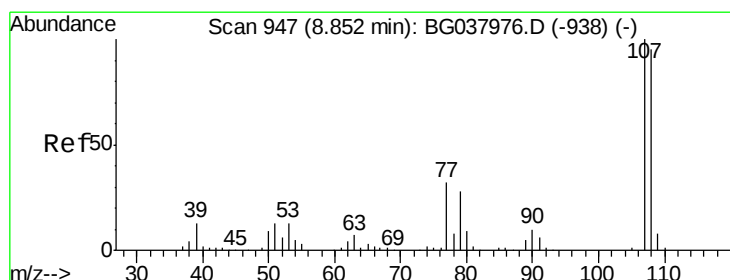
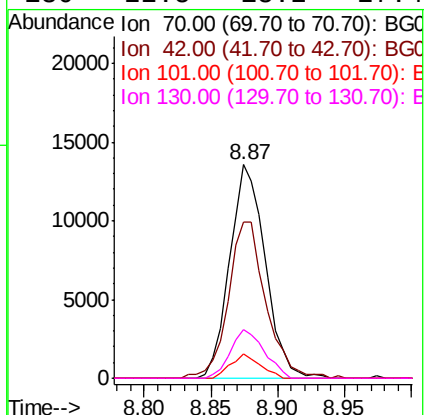
Ion Ratio Lower Upper

70 100

42 73.3 53.9 80.9

101 11.6 8.2 12.2

130 22.5 18.2 27.4



#20

3+4-Methylphenols

Concen: 37.092 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion: 107 Resp: 38273

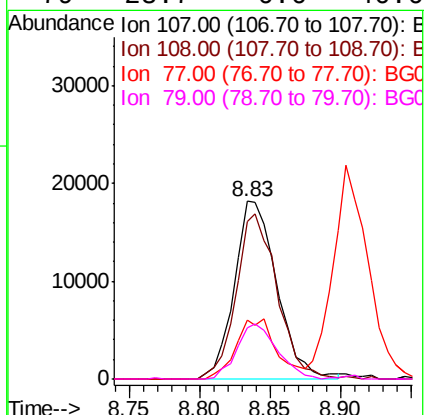
Ion Ratio Lower Upper

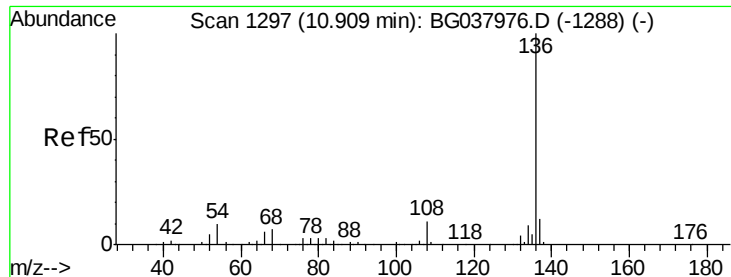
107 100

108 89.1 69.9 109.9

77 33.3 11.2 51.2

79 28.7 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

Tgt Ion:136 Resp: 48524

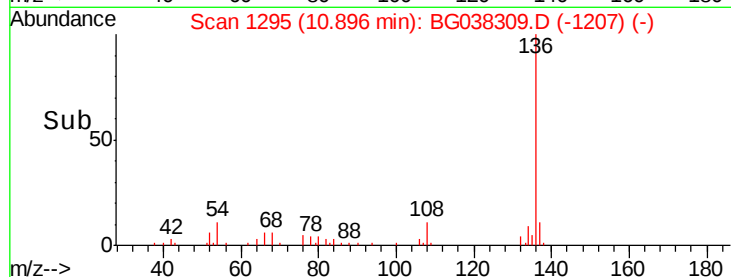
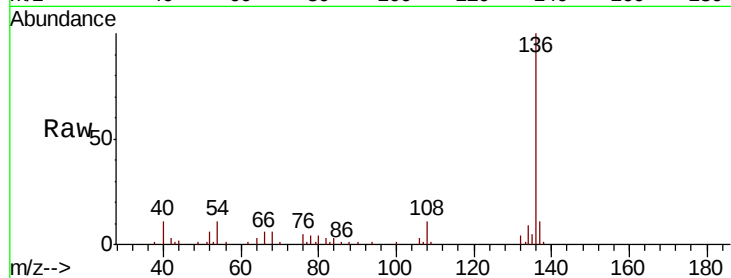
Ion Ratio Lower Upper

136 100

137 10.8 9.6 14.4

54 11.0 7.9 11.9

68 6.5 4.8 7.2

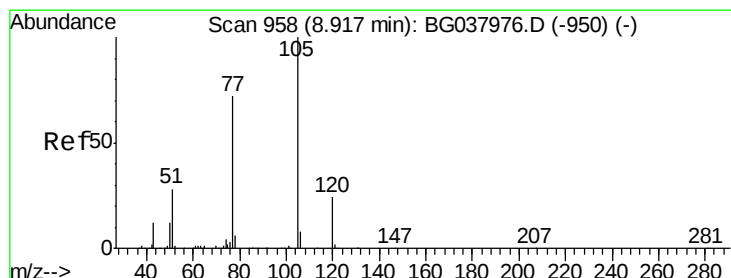
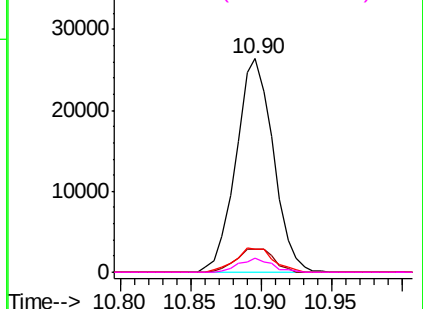


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.068 ng

RT: 8.90 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion:105 Resp: 48374

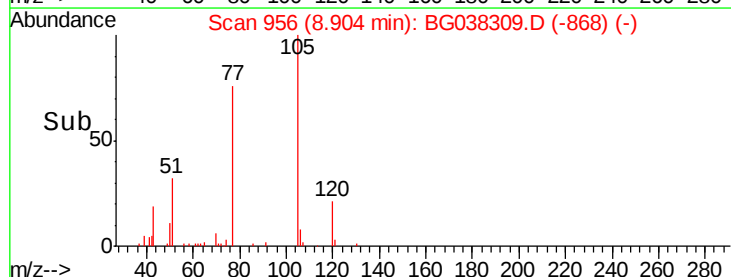
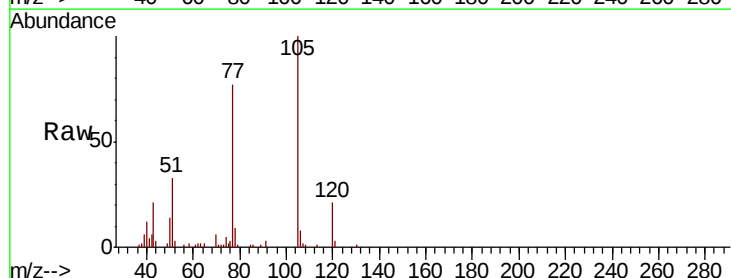
Ion Ratio Lower Upper

105 100

71 1.0 1.2 1.8#

51 33.3 25.0 37.6

120 20.9 18.6 28.0

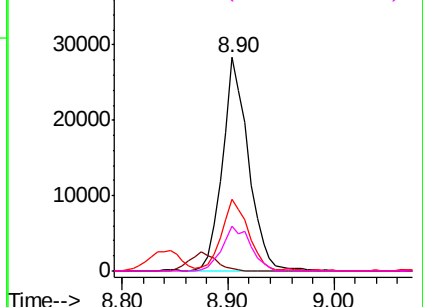


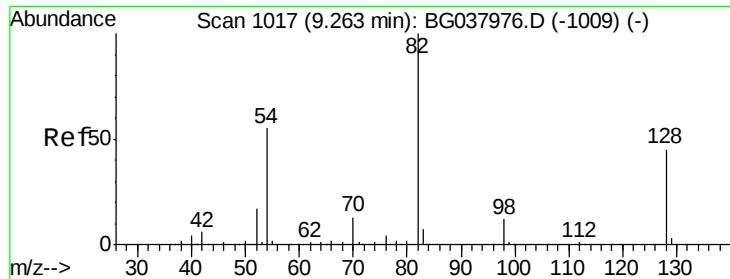
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

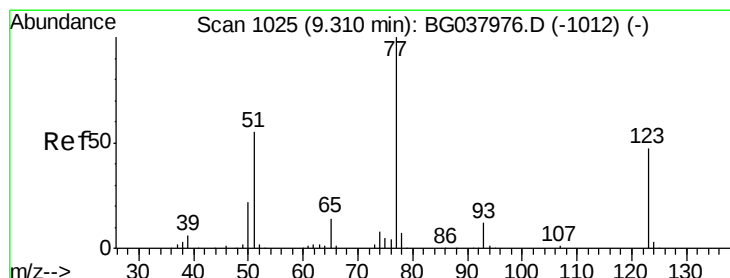
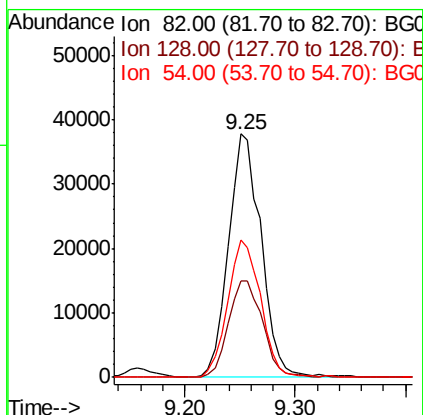
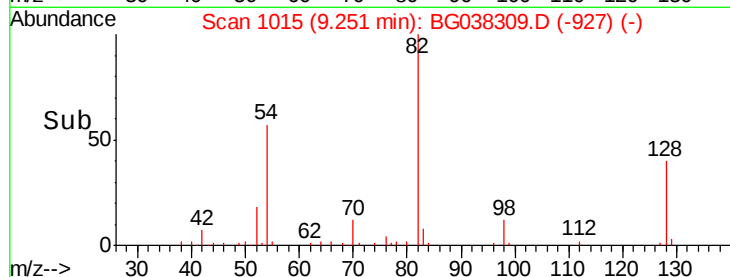
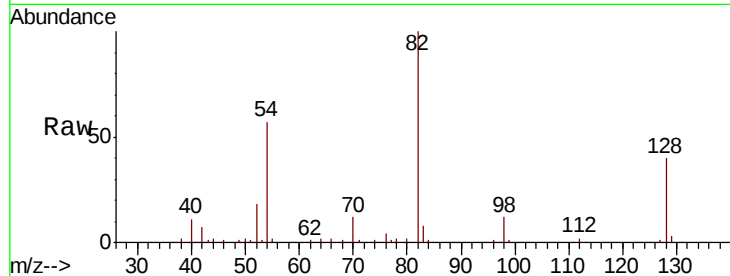




#23  
 Nitrobenzene-d5  
 Concen: 86.378 ng  
 RT: 9.25 min Scan# 1015  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

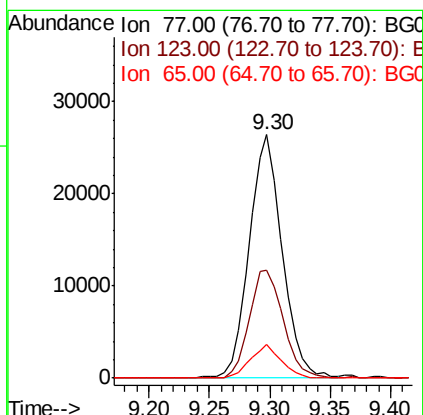
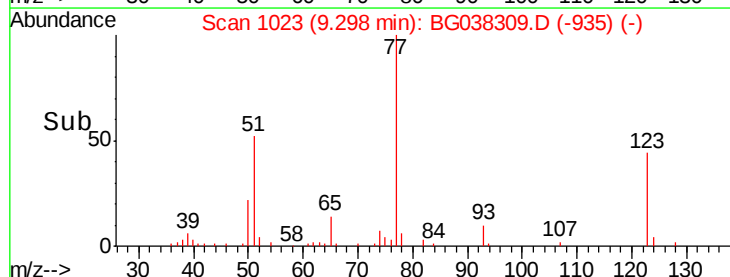
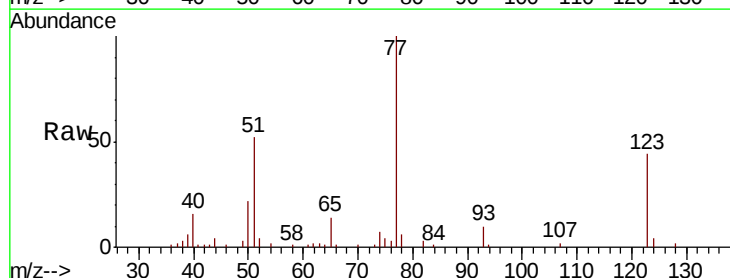
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S1-0-0.5-BGSMS

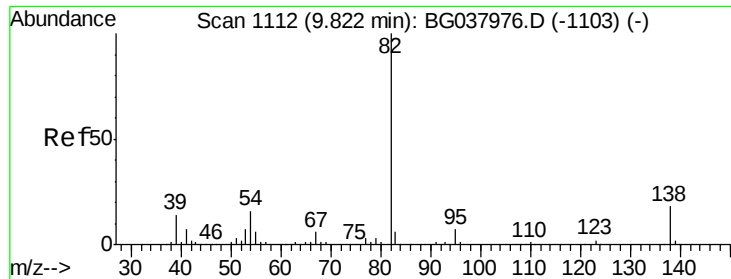
Tgt Ion: 82 Resp: 78300  
 Ion Ratio Lower Upper  
 82 100  
 128 39.8 34.6 51.8  
 54 56.5 45.3 67.9



#24  
 Nitrobenzene  
 Concen: 54.008 ng  
 RT: 9.30 min Scan# 1023  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Tgt Ion: 77 Resp: 50081  
 Ion Ratio Lower Upper  
 77 100  
 123 44.3 33.6 50.4  
 65 14.0 11.3 16.9





#25

Isophorone

Concen: 48.152 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

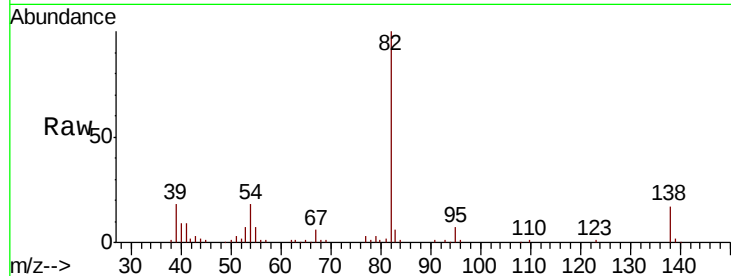
Tgt Ion: 82 Resp: 78564

Ion Ratio Lower Upper

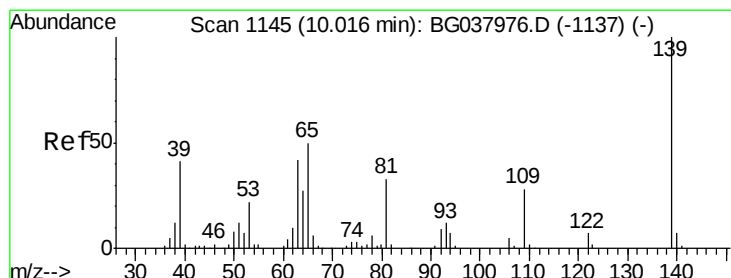
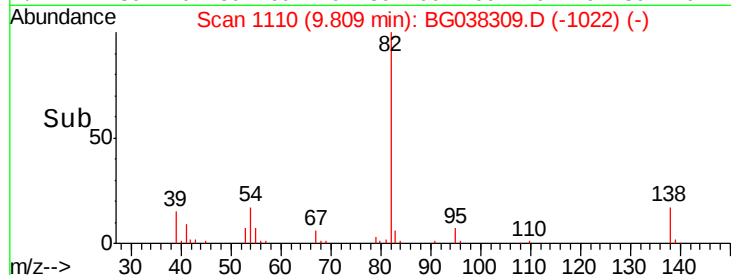
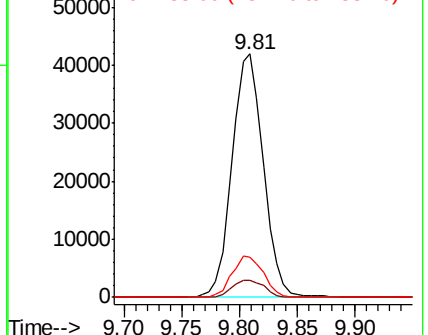
82 100

95 6.9 5.3 7.9

138 16.6 13.3 19.9



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



#26

2-Nitrophenol

Concen: 33.632 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

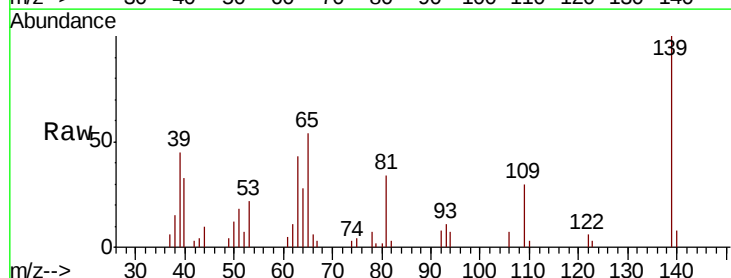
Tgt Ion: 139 Resp: 15569

Ion Ratio Lower Upper

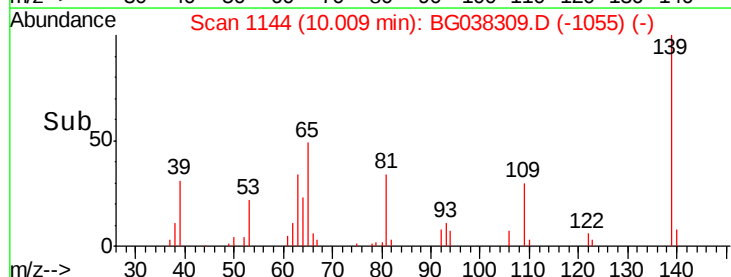
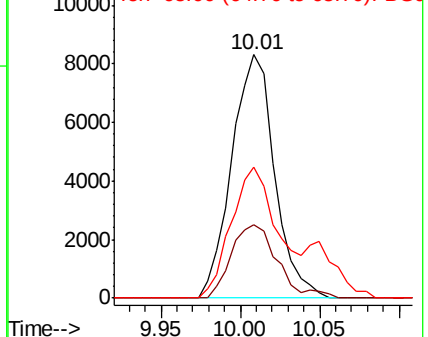
139 100

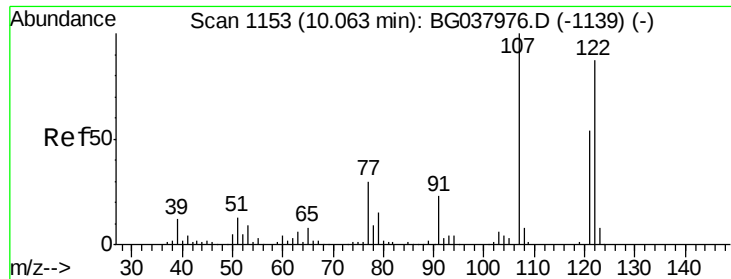
109 30.3 23.3 34.9

65 53.7 39.8 59.8



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

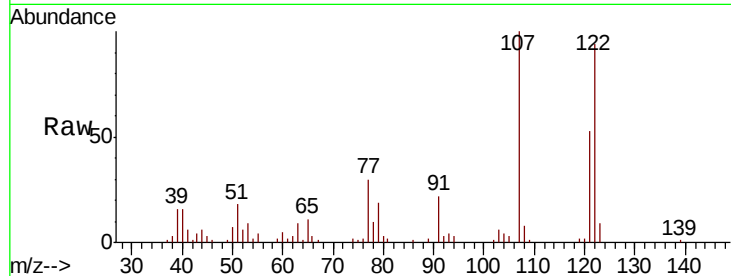




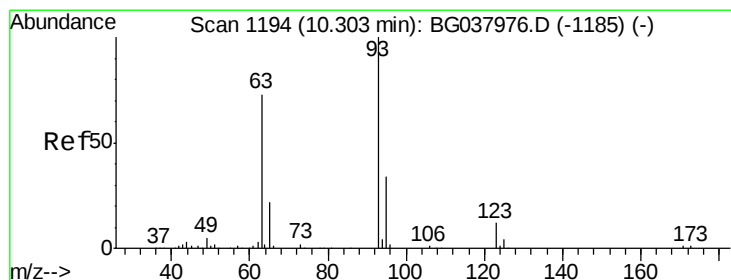
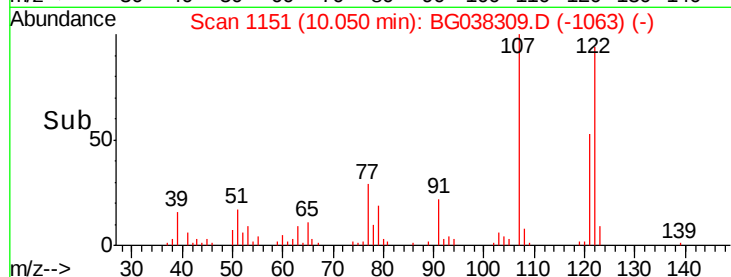
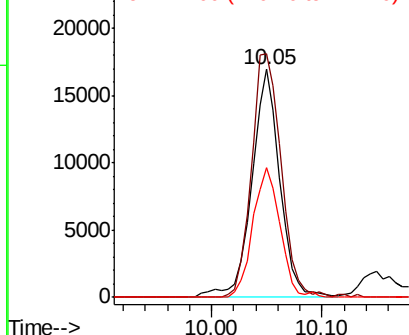
#27  
2,4-Dimethylphenol  
Concen: 43.354 ng  
RT: 10.05 min Scan# 1151  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

Tgt Ion:122 Resp: 30239  
Ion Ratio Lower Upper  
122 100  
107 106.8 94.2 141.2  
121 56.6 47.3 70.9

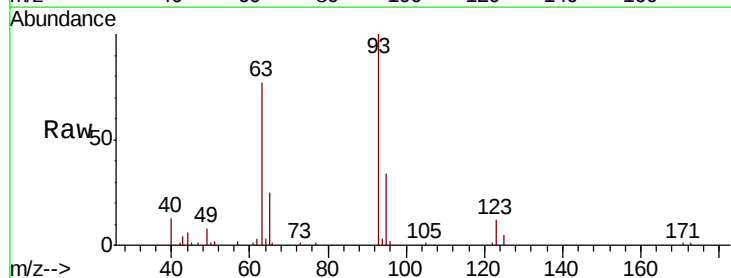


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

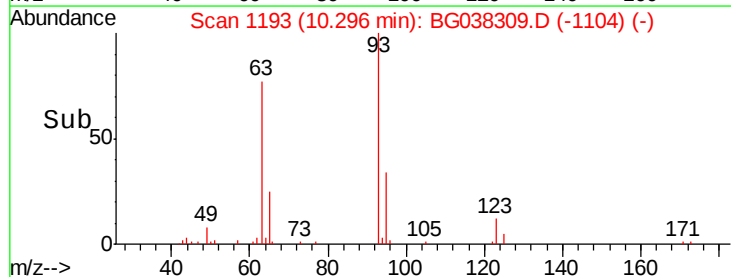
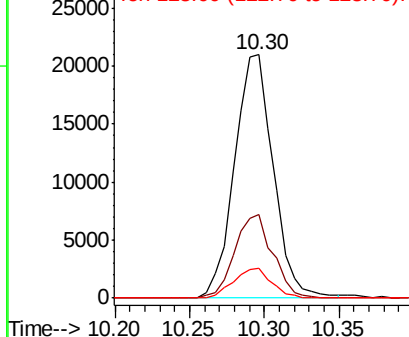


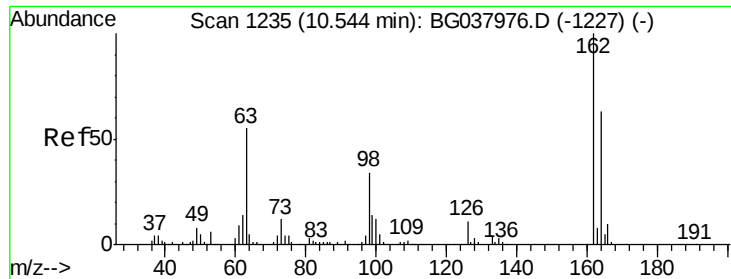
#28  
bis(2-Chloroethoxy)methane  
Concen: 36.259 ng  
RT: 10.30 min Scan# 1193  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Tgt Ion: 93 Resp: 37829  
Ion Ratio Lower Upper  
93 100  
95 34.4 24.6 37.0  
123 12.2 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 123.00 (122.70 to 123.70): E

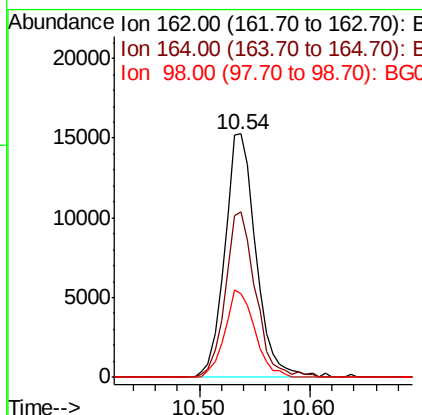
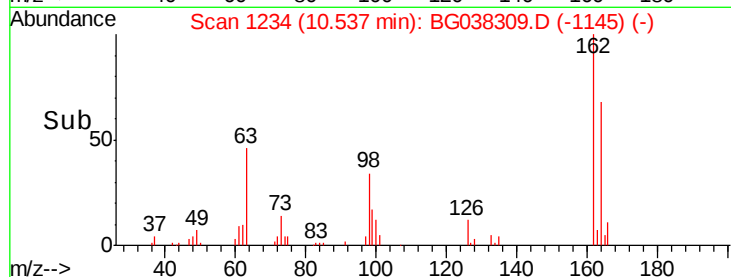
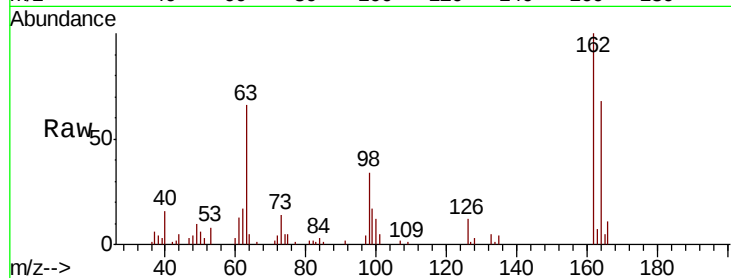




#29  
2,4-Dichlorophenol  
Concen: 38.545 ng  
RT: 10.54 min Scan# 1234  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

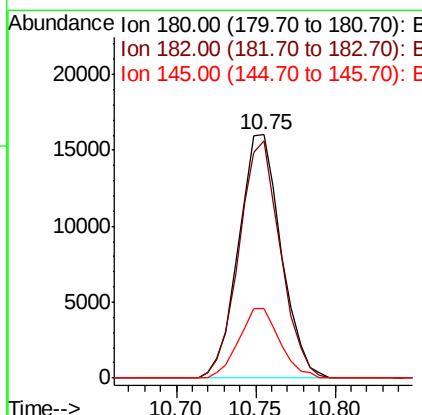
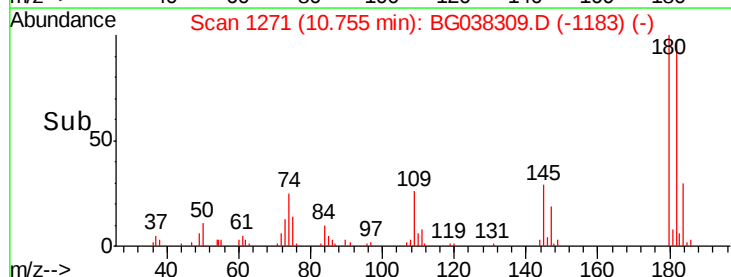
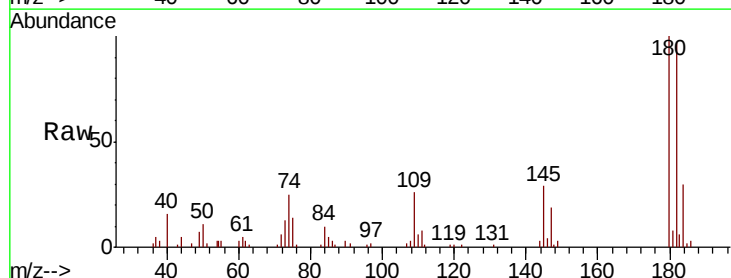
Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

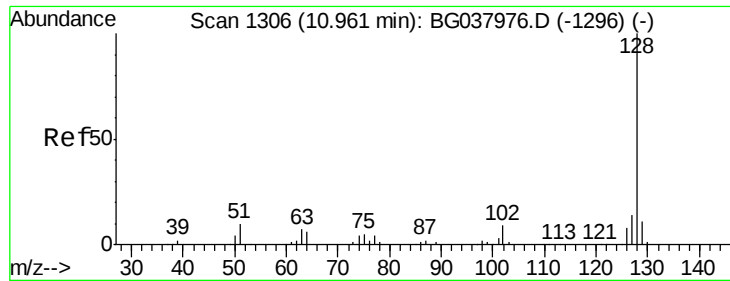
Tgt Ion:162 Resp: 30240  
Ion Ratio Lower Upper  
162 100  
164 67.8 43.2 83.2  
98 34.3 16.0 56.0



#30  
1,2,4-Trichlorobenzene  
Concen: 33.850 ng  
RT: 10.75 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Tgt Ion:180 Resp: 29759  
Ion Ratio Lower Upper  
180 100  
182 97.3 77.7 116.5  
145 28.6 23.3 34.9

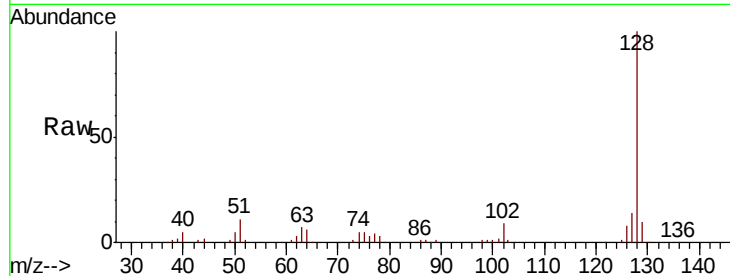




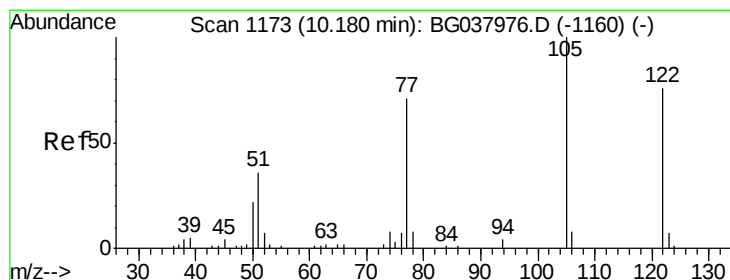
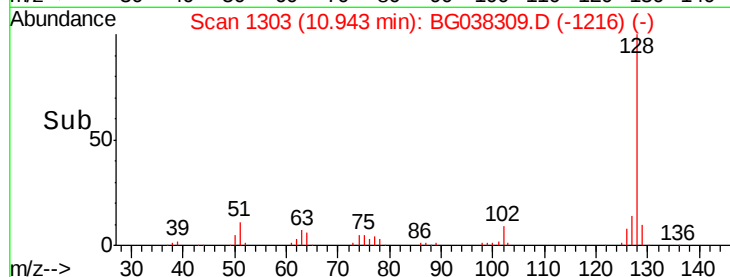
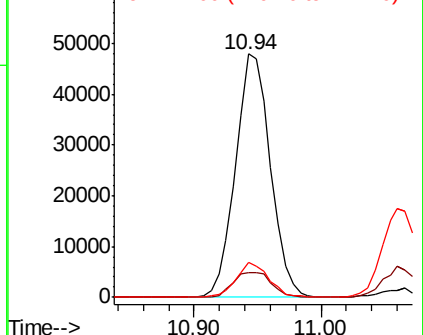
#31  
Naphthalene  
Concen: 38.336 ng  
RT: 10.94 min Scan# 1303  
Delta R.T. -0.02 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

Tgt Ion:128 Resp: 91495  
Ion Ratio Lower Upper  
128 100  
129 10.2 9.0 13.6  
127 14.3 11.1 16.7

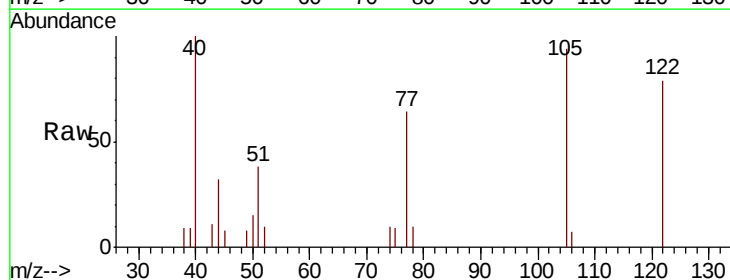


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

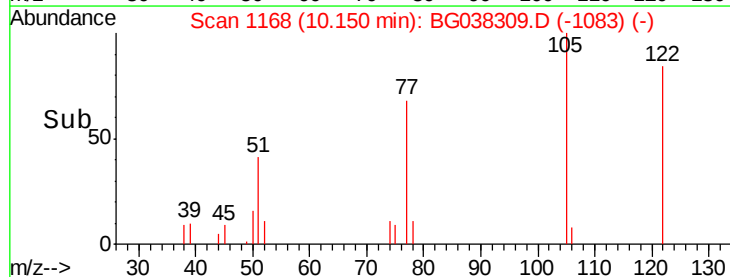
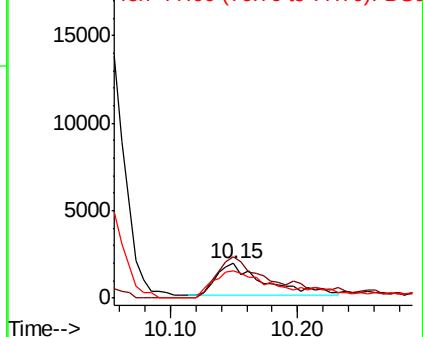


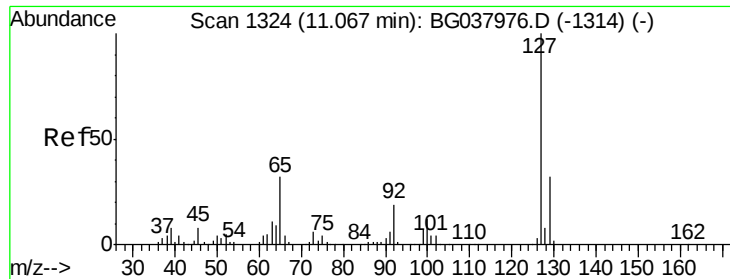
#32  
Benzoic acid  
Concen: 20.379 ng  
RT: 10.15 min Scan# 1168  
Delta R.T. -0.03 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Tgt Ion:122 Resp: 4863  
Ion Ratio Lower Upper  
122 100  
105 119.2 106.7 146.7  
77 80.8 72.2 112.2



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

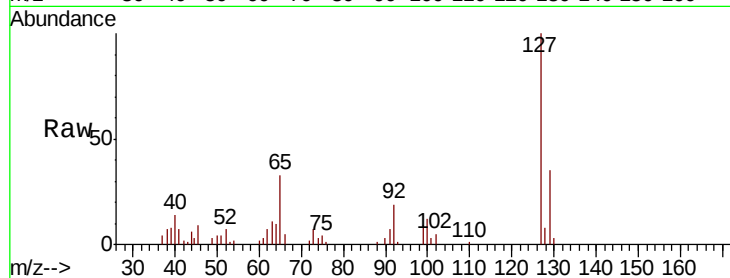




#33  
4-Chloroaniline  
Concen: 32.965 ng  
RT: 11.06 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 36597 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 35.1  | 27.1  | 40.7  |
| 65       | 33.0  | 26.6  | 39.8  |
| 92       | 18.7  | 16.4  | 24.6  |



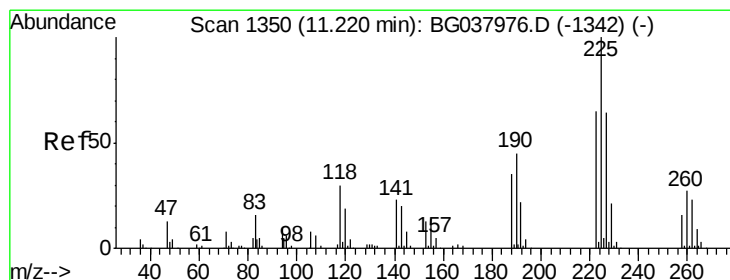
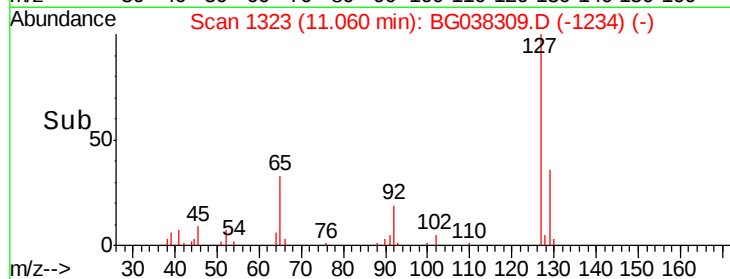
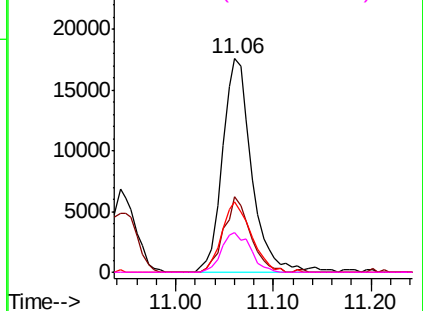
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

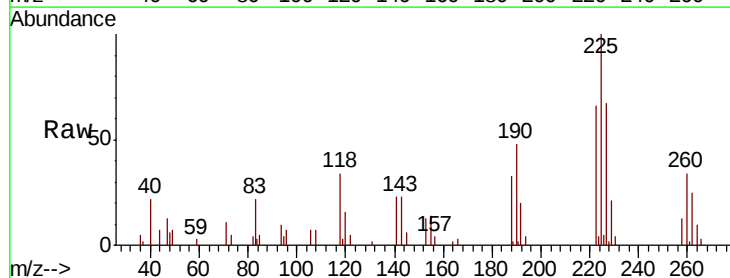
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 32.083 ng  
RT: 11.21 min Scan# 1348  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 17359 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.3  | 48.2  | 72.4  |
| 227      | 66.5  | 51.6  | 77.4  |

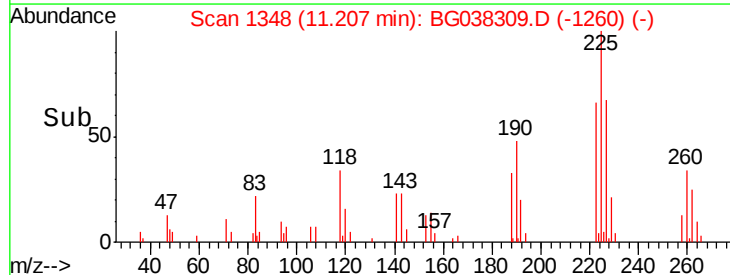
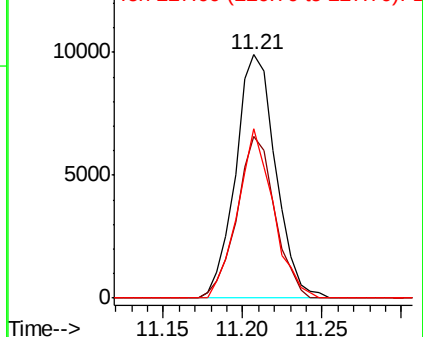


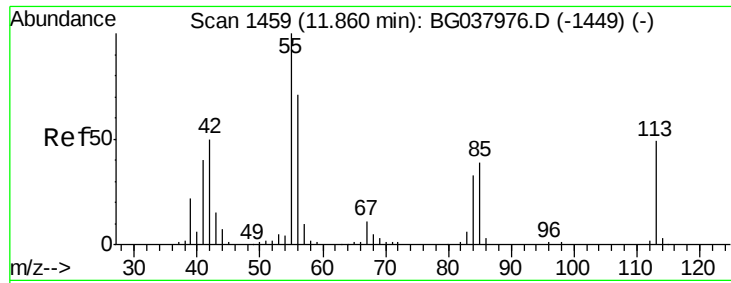
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.593 ng

RT: 11.87 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

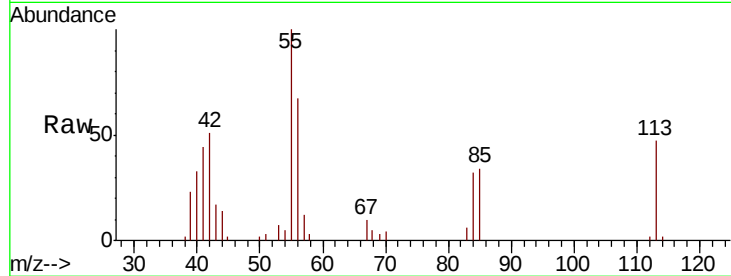
Tgt Ion:113 Resp: 8665

Ion Ratio Lower Upper

113 100

55 211.8 176.6 216.6

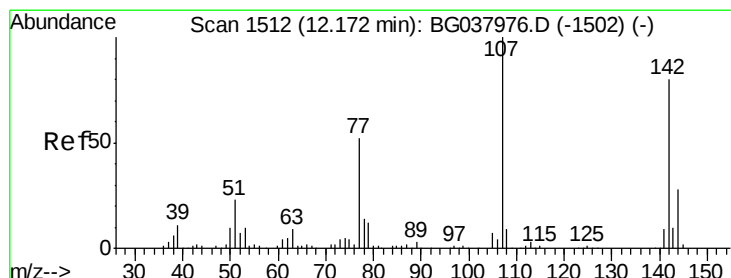
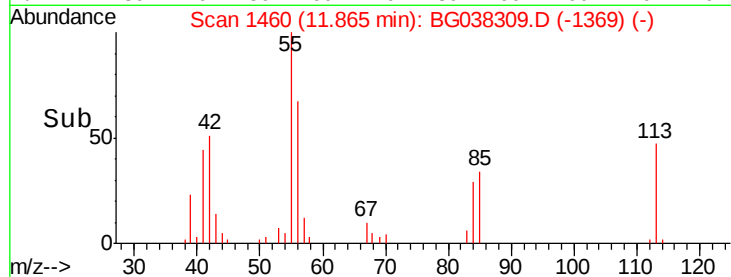
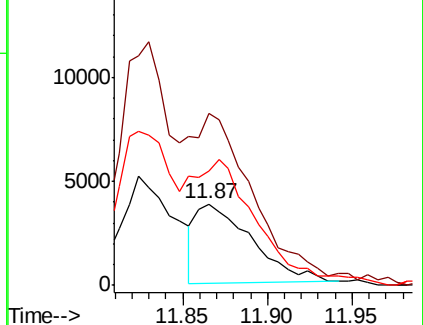
56 141.3 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 57.779 ng

RT: 12.16 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

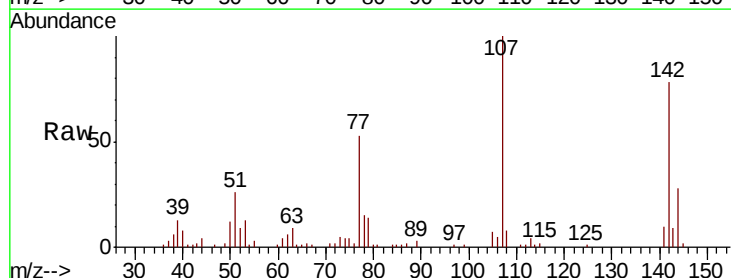
Tgt Ion:107 Resp: 49523

Ion Ratio Lower Upper

107 100

144 28.2 20.7 31.1

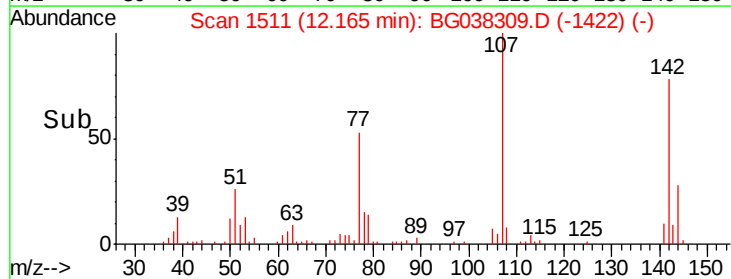
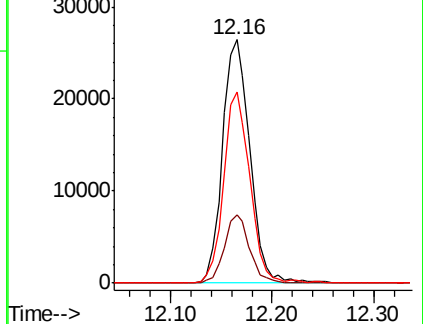
142 78.2 64.4 96.6

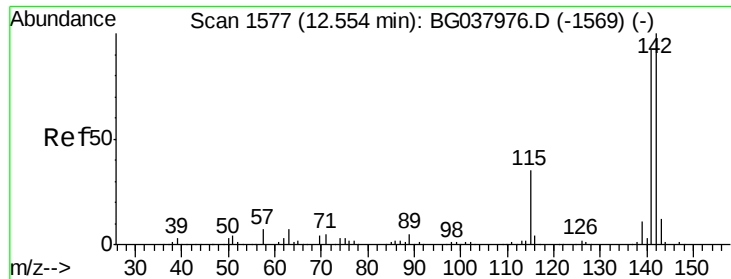


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

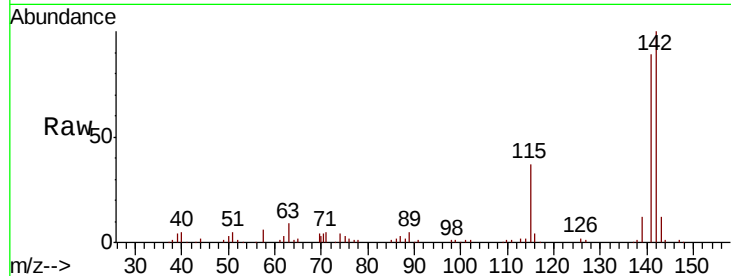




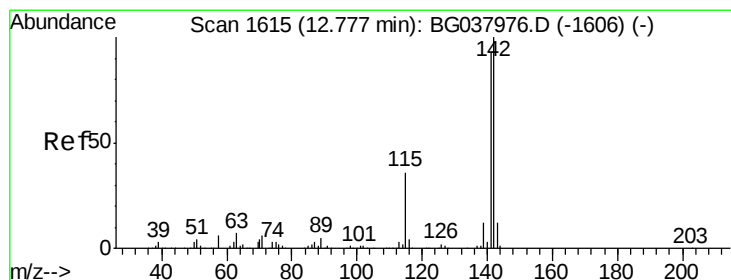
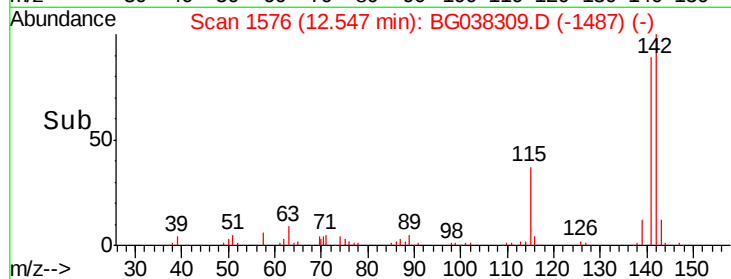
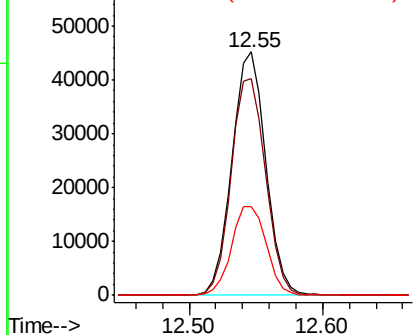
#37  
 2-Methylnaphthalene  
 Concen: 46.348 ng  
 RT: 12.55 min Scan# 1576  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S1-0-0.5-BGSMS

Tgt Ion:142 Resp: 79457  
 Ion Ratio Lower Upper  
 142 100  
 141 89.0 71.9 107.9  
 115 36.6 27.8 41.8

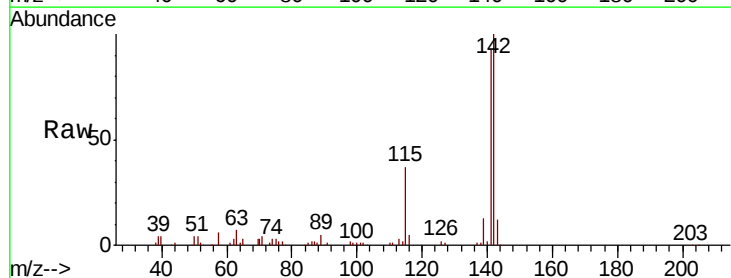


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

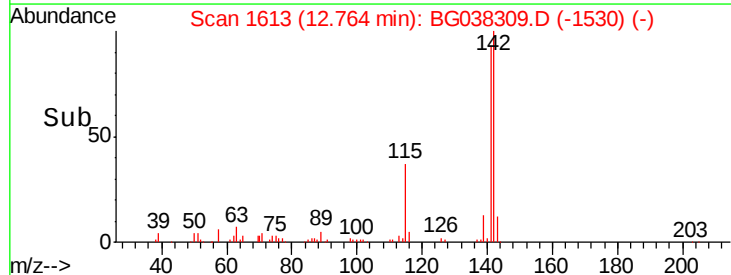
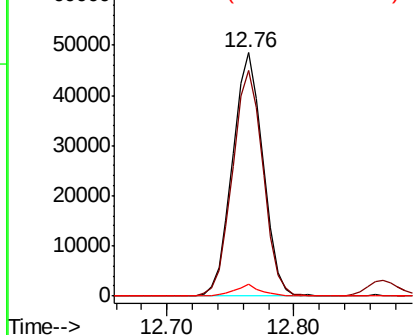


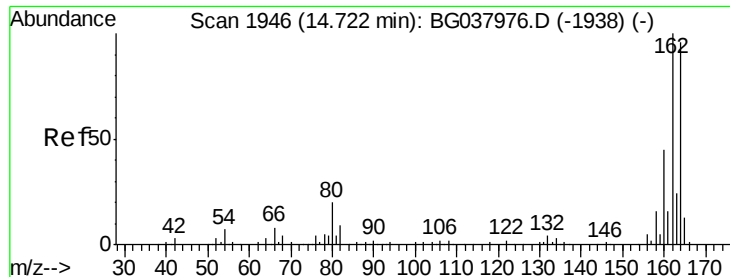
#38  
 1-Methylnaphthalene  
 Concen: 48.609 ng  
 RT: 12.76 min Scan# 1613  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Tgt Ion:142 Resp: 80213  
 Ion Ratio Lower Upper  
 142 100  
 141 92.6 75.2 112.8  
 116 4.7 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

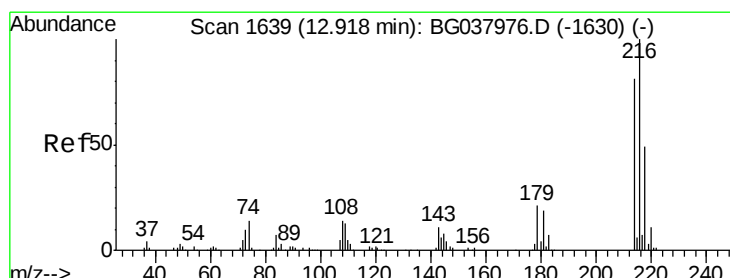
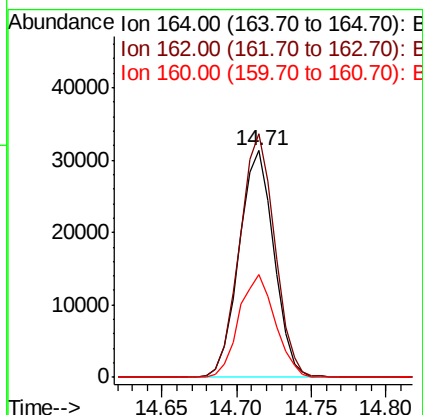
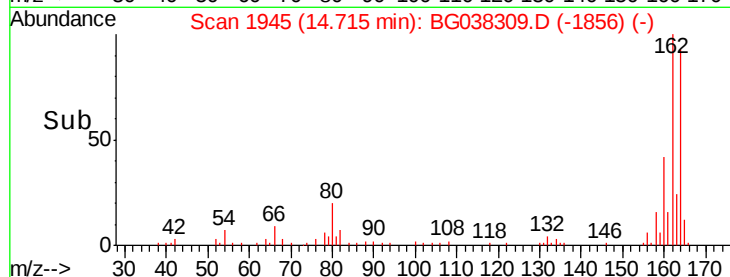
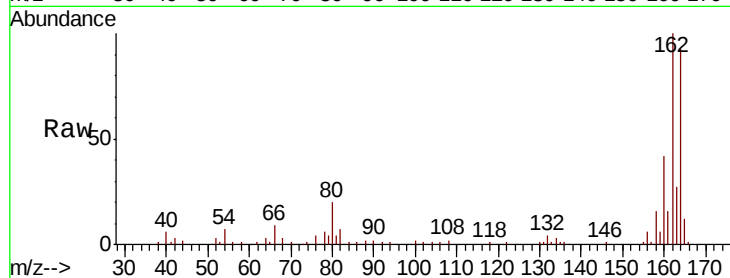
Tgt Ion:164 Resp: 50602

Ion Ratio Lower Upper

164 100

162 107.4 81.3 121.9

160 45.4 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 26.471 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion:216 Resp: 44760

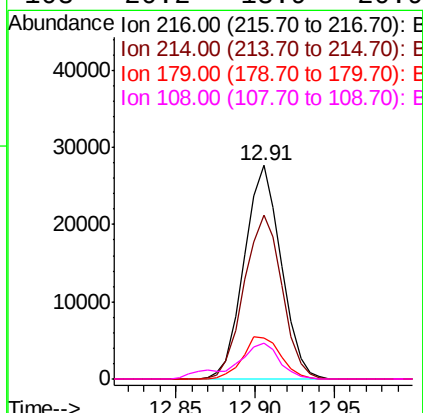
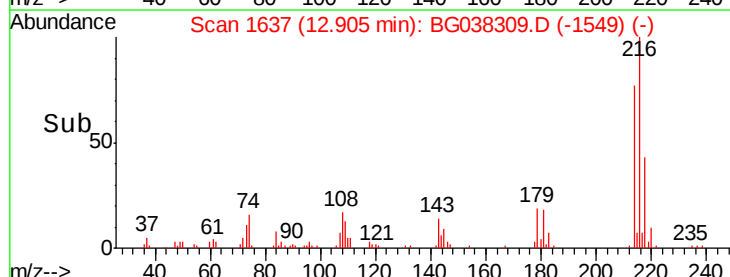
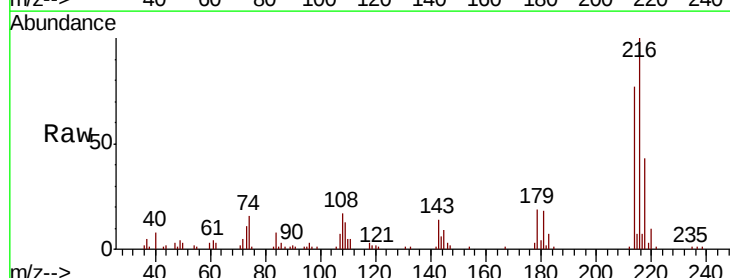
Ion Ratio Lower Upper

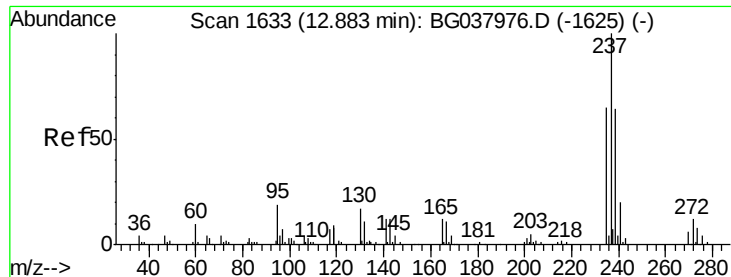
216 100

214 78.9 63.8 95.6

179 20.4 17.4 26.0

108 20.2 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 52.431 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

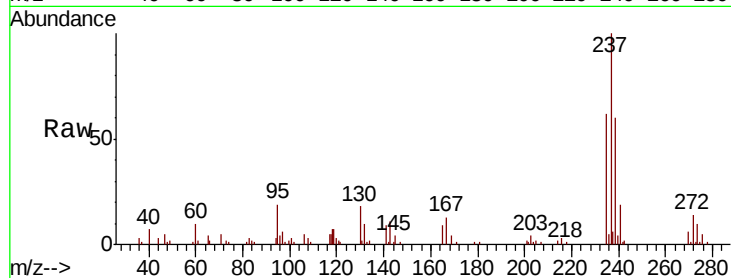
Tgt Ion:237 Resp: 47473

Ion Ratio Lower Upper

237 100

235 62.5 42.5 82.5

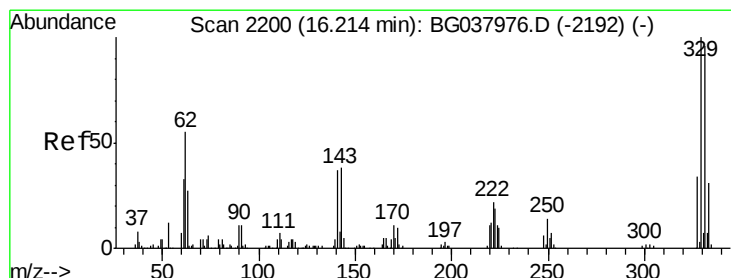
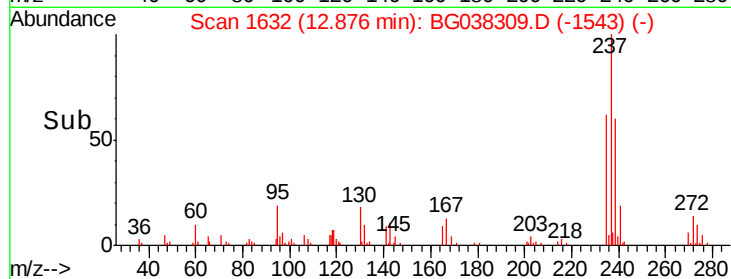
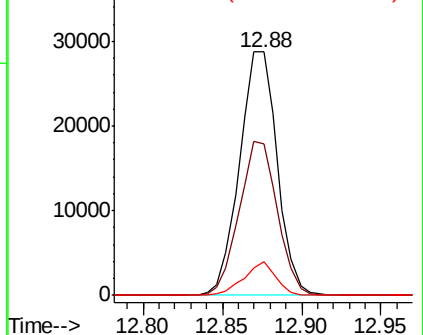
272 14.0 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 165.443 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

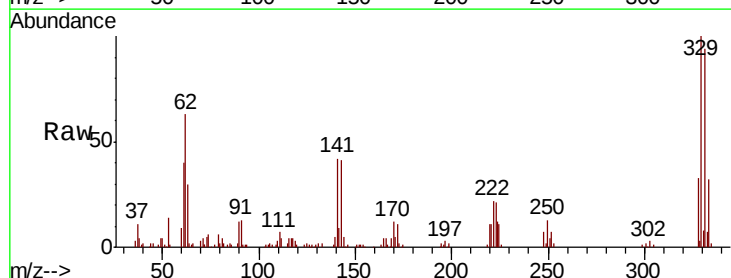
Tgt Ion:330 Resp: 95478

Ion Ratio Lower Upper

330 100

332 97.1 78.4 117.6

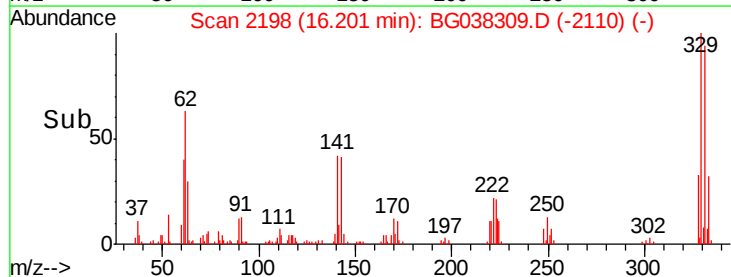
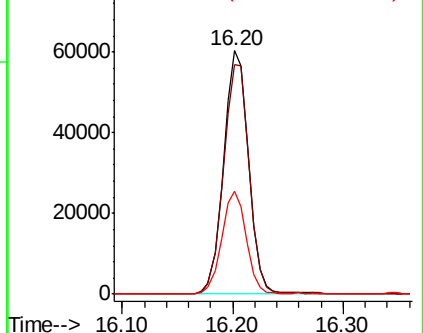
141 41.3 32.2 48.2

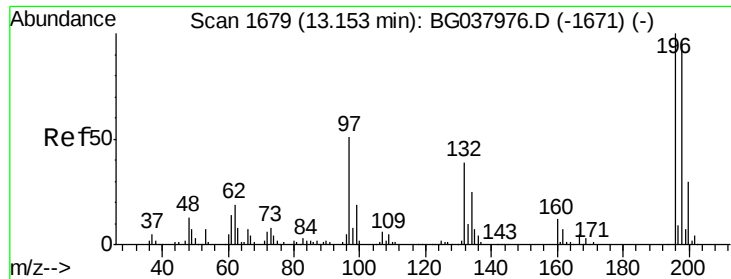


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

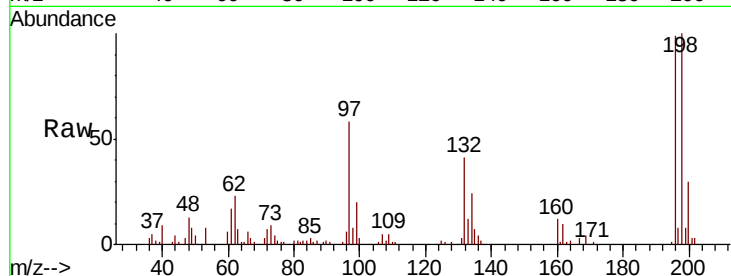




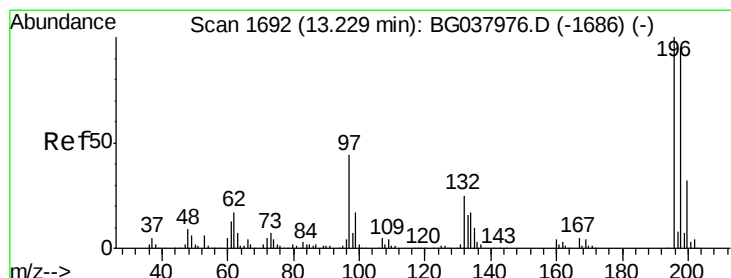
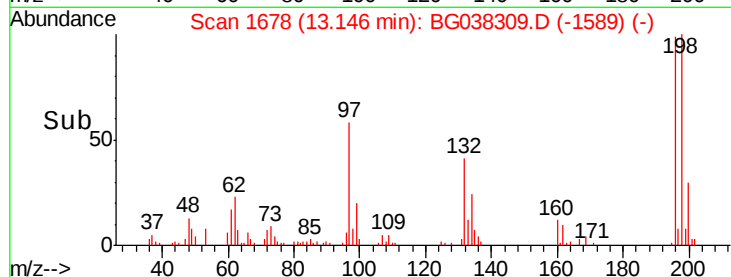
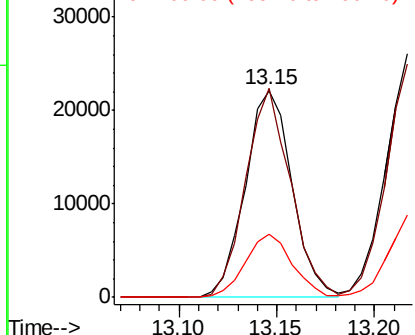
#43  
 2,4,6-Trichlorophenol  
 Concen: 31.999 ng  
 RT: 13.15 min Scan# 1678  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S1-0-0.5-BGSMS

Tgt Ion:196 Resp: 36870  
 Ion Ratio Lower Upper  
 196 100  
 198 100.7 76.4 114.6  
 200 30.7 24.9 37.3



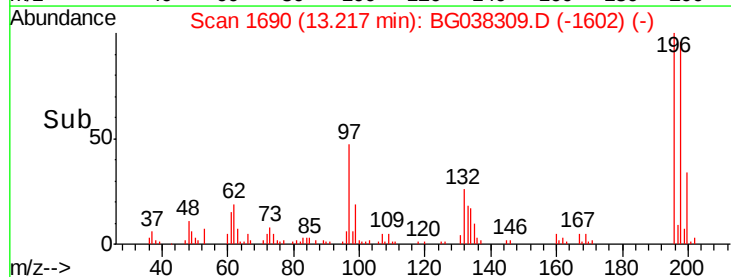
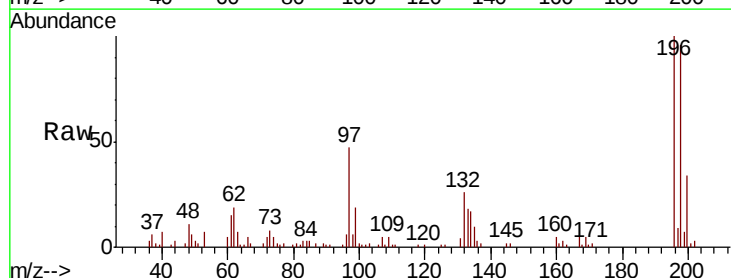
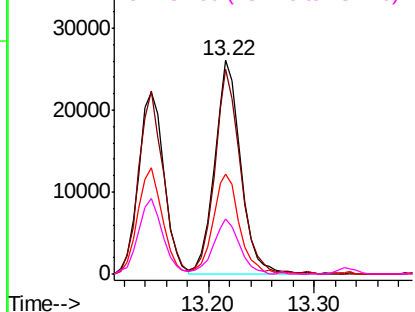
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

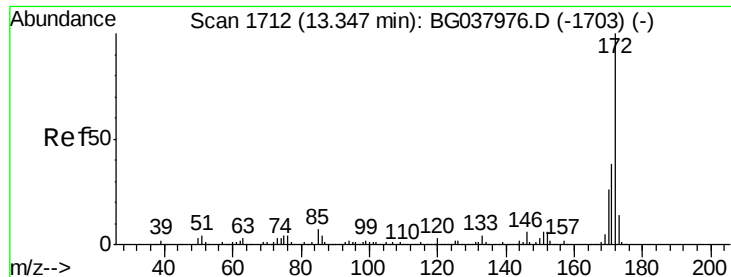


#44  
 2,4,5-Trichlorophenol  
 Concen: 37.108 ng  
 RT: 13.22 min Scan# 1690  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Tgt Ion:196 Resp: 44988  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 74.2 111.2  
 97 46.8 34.1 51.1  
 132 25.9 20.2 30.4

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

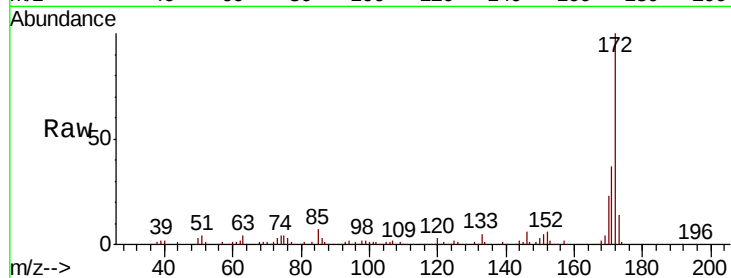




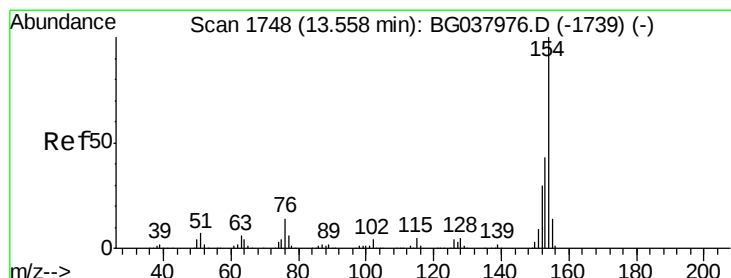
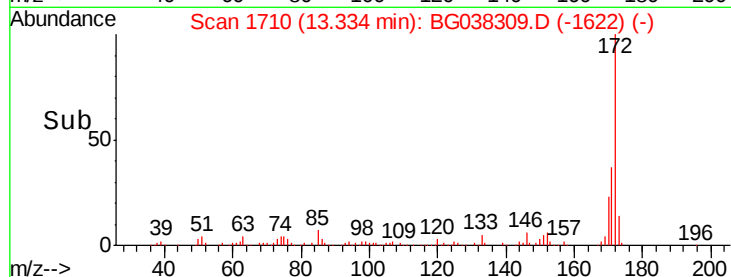
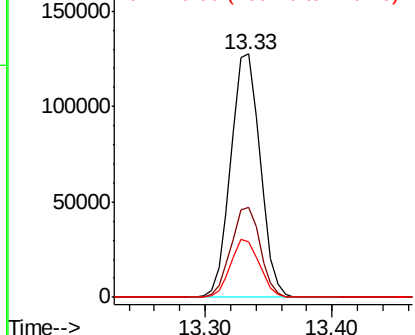
#45  
 2-Fluorobiphenyl  
 Concen: 58.884 ng  
 RT: 13.33 min Scan# 1710  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S1-0-0.5-BGSMS

Tgt Ion:172 Resp: 204528  
 Ion Ratio Lower Upper  
 172 100  
 171 37.0 31.0 46.4  
 170 22.6 20.2 30.2

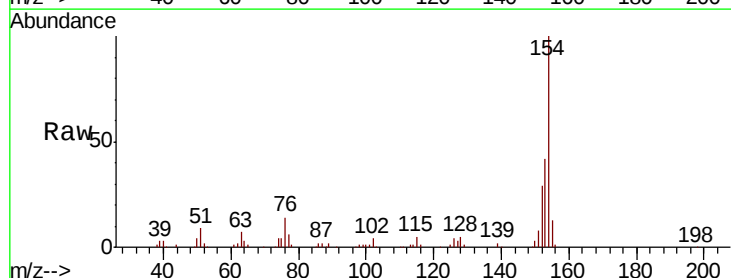


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

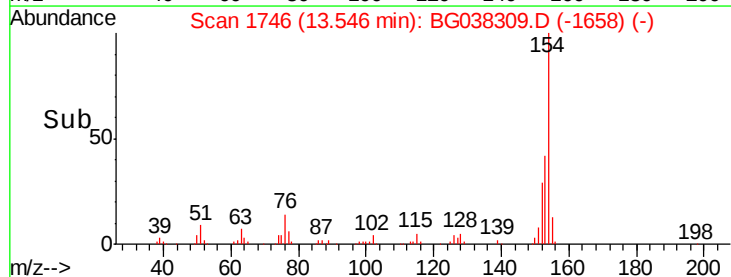
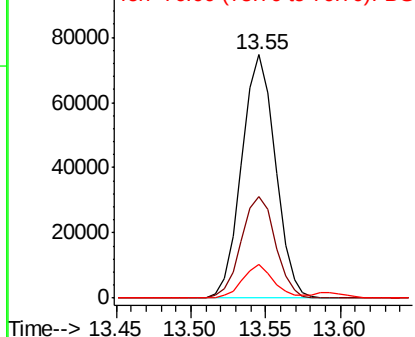


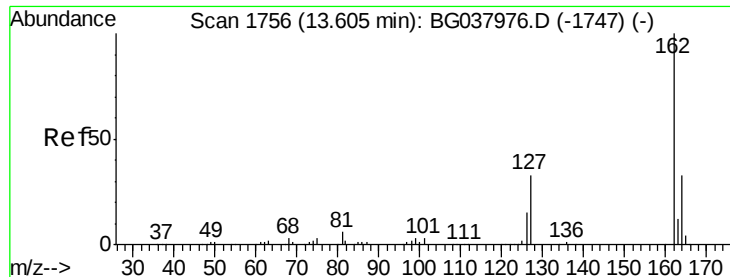
#46  
 1,1'-Biphenyl  
 Concen: 27.508 ng  
 RT: 13.55 min Scan# 1746  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Tgt Ion:154 Resp: 116941  
 Ion Ratio Lower Upper  
 154 100  
 153 41.6 22.1 62.1  
 76 13.7 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BG

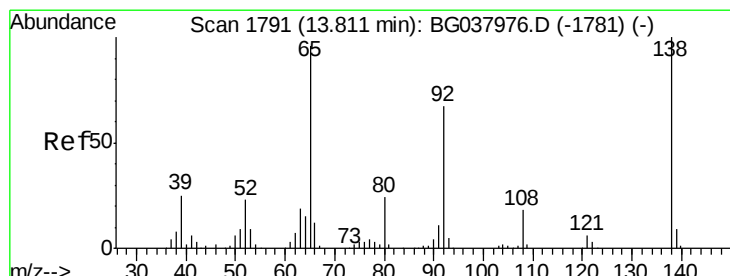
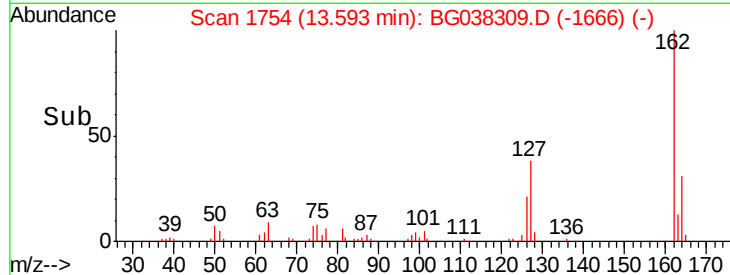
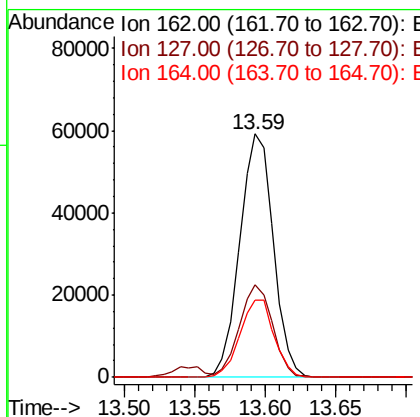
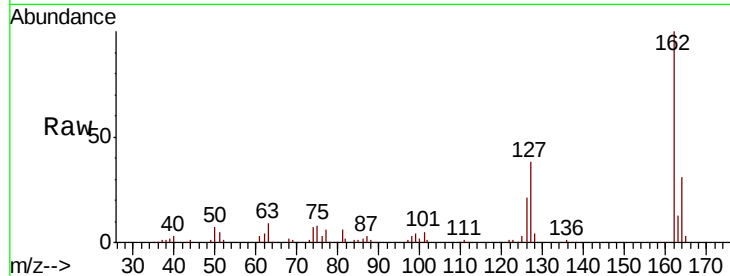




#47  
 2-Chloronaphthalene  
 Concen: 30.333 ng  
 RT: 13.59 min Scan# 1754  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

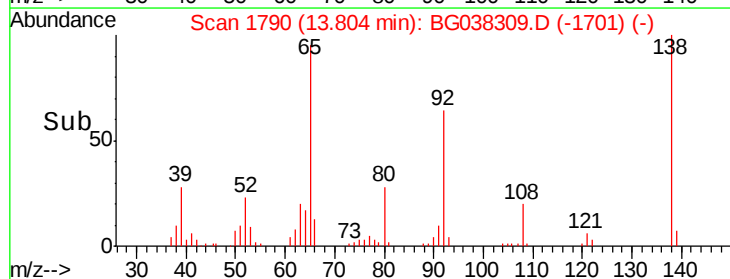
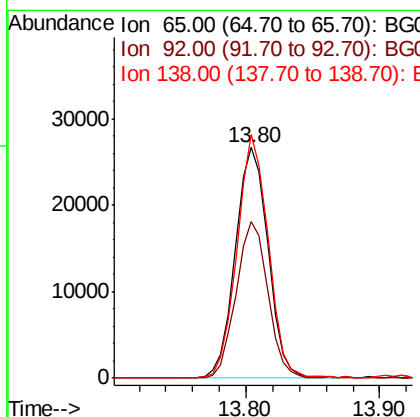
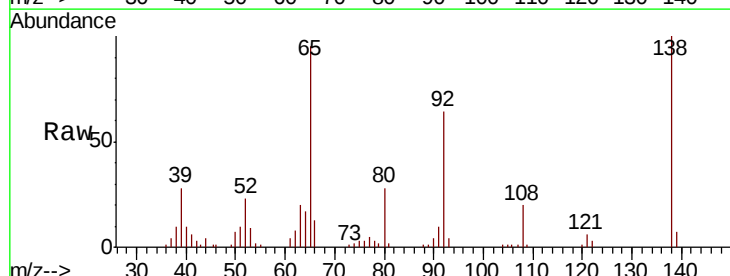
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S1-0-0.5-BGSMS

Tgt Ion: 162 Resp: 98401  
 Ion Ratio Lower Upper  
 162 100  
 127 37.9 30.5 45.7  
 164 31.5 26.4 39.6



#48  
 2-Nitroaniline  
 Concen: 44.306 ng  
 RT: 13.80 min Scan# 1790  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Tgt Ion: 65 Resp: 45235  
 Ion Ratio Lower Upper  
 65 100  
 92 67.9 53.2 79.8  
 138 105.8 79.3 118.9





#49

Acenaphthylene

Concen: 38.979 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

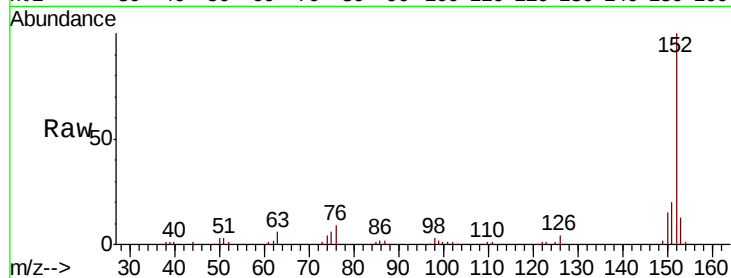
Tgt Ion:152 Resp: 190147

Ion Ratio Lower Upper

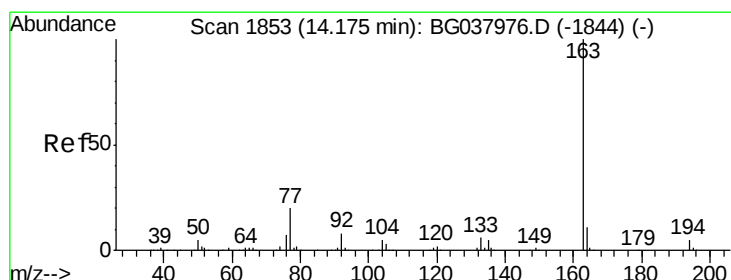
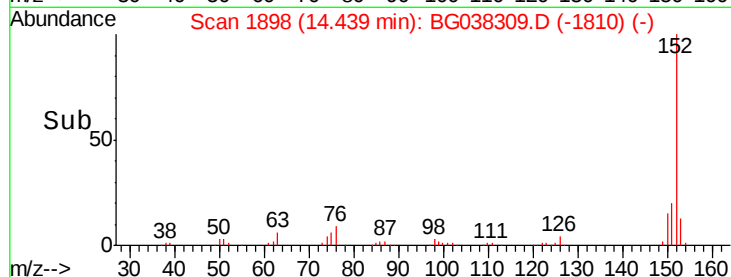
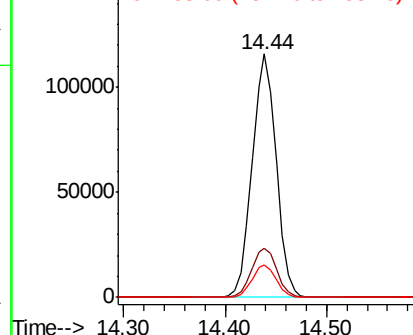
152 100

151 20.3 17.1 25.7

153 13.1 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.796 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

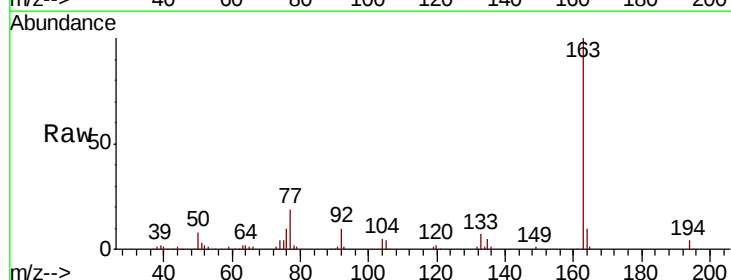
Tgt Ion:163 Resp: 191739

Ion Ratio Lower Upper

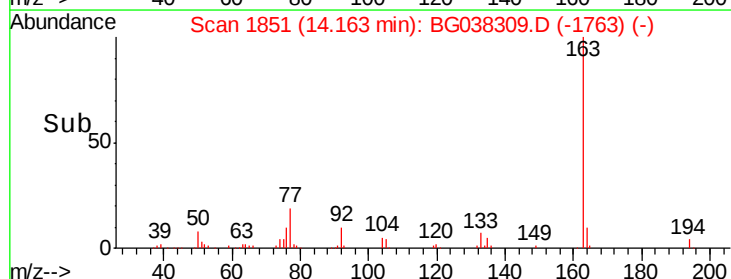
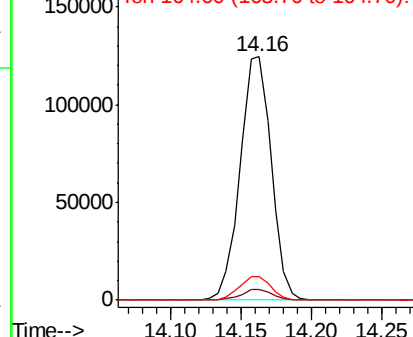
163 100

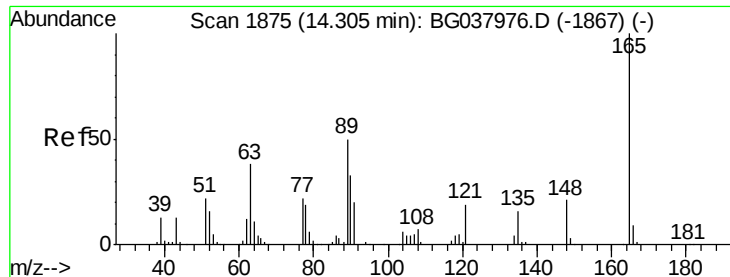
194 4.2 3.5 5.3

164 9.8 8.5 12.7



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

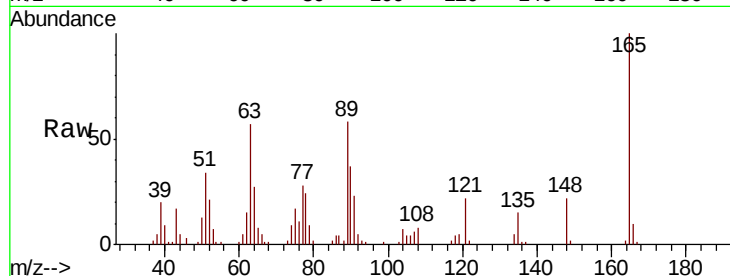




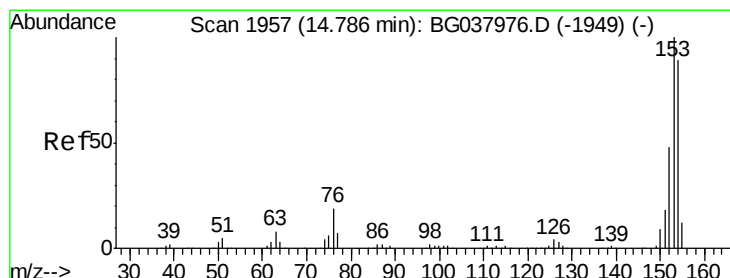
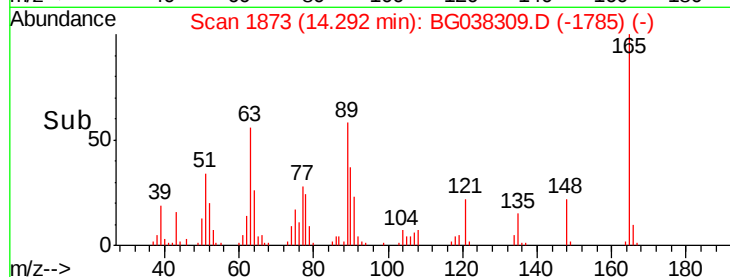
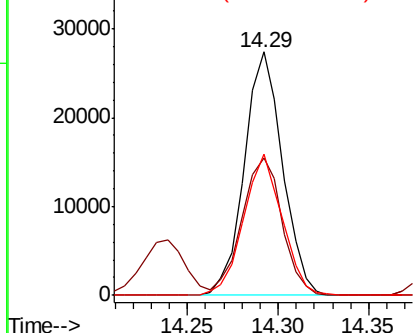
#51  
 2,6-Dinitrotoluene  
 Concen: 44.097 ng  
 RT: 14.29 min Scan# 1873  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S1-0-0.5-BGSMS

Tgt Ion:165 Resp: 40037  
 Ion Ratio Lower Upper  
 165 100  
 63 56.5 43.4 65.2  
 89 57.9 45.8 68.6

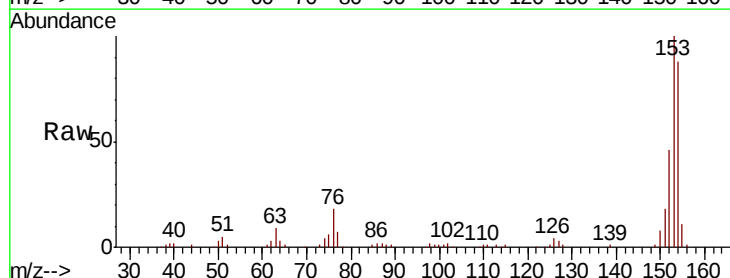


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

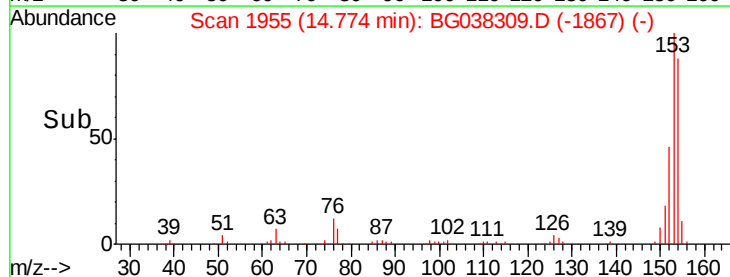
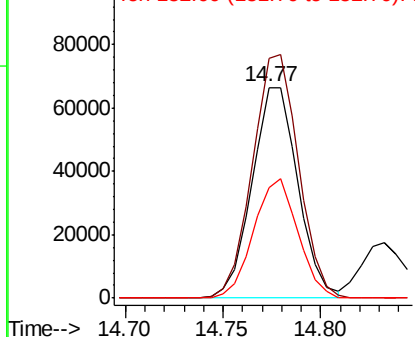


#52  
 Acenaphthene  
 Concen: 36.834 ng  
 RT: 14.77 min Scan# 1955  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Tgt Ion:154 Resp: 108173  
 Ion Ratio Lower Upper  
 154 100  
 153 113.9 93.4 140.0  
 152 52.5 44.7 67.1



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





#53

3-Nitroaniline

Concen: 40.084 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

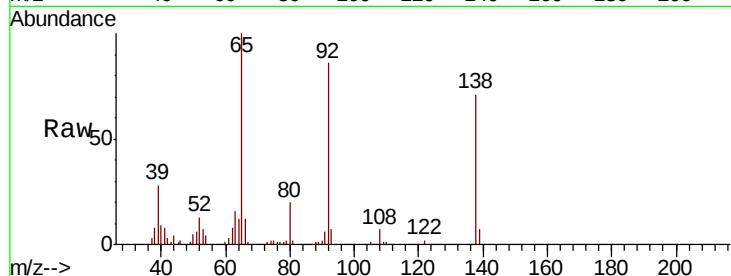
Tgt Ion:138 Resp: 40159

Ion Ratio Lower Upper

138 100

108 10.3 11.0 16.6#

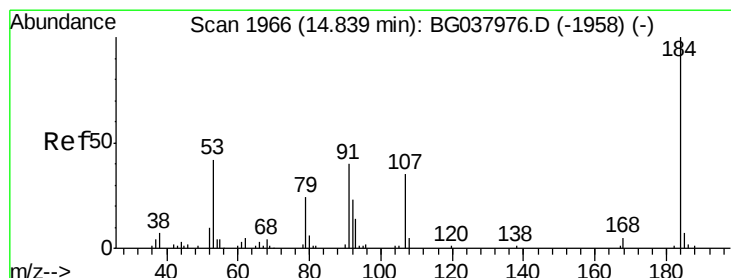
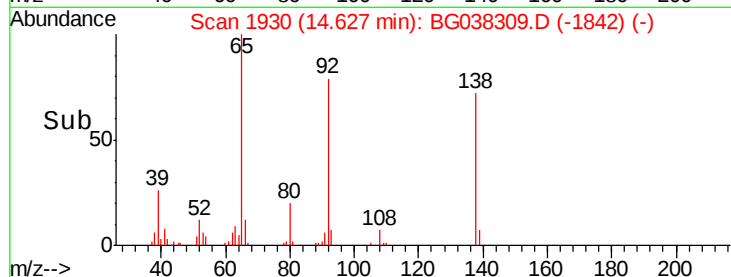
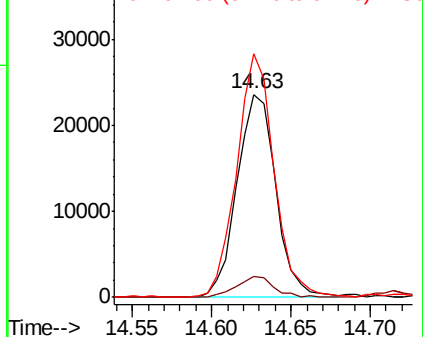
92 119.9 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 93.589 ng

RT: 14.83 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

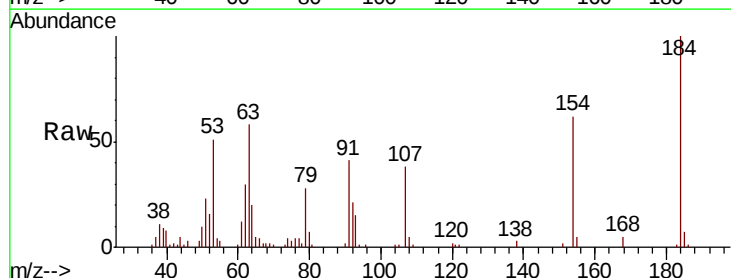
Tgt Ion:184 Resp: 46734

Ion Ratio Lower Upper

184 100

63 58.2 42.6 63.8

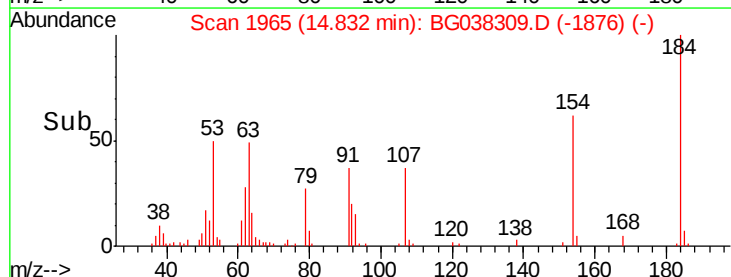
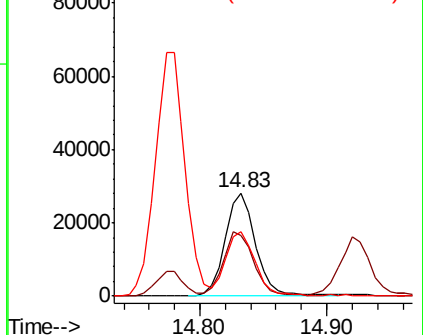
154 62.4 41.8 62.6

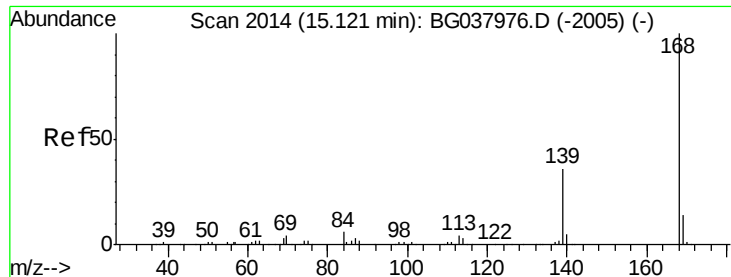


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

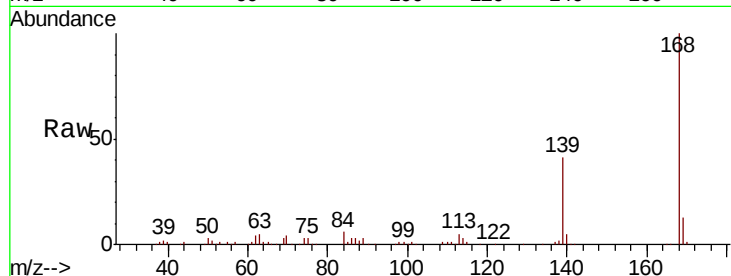




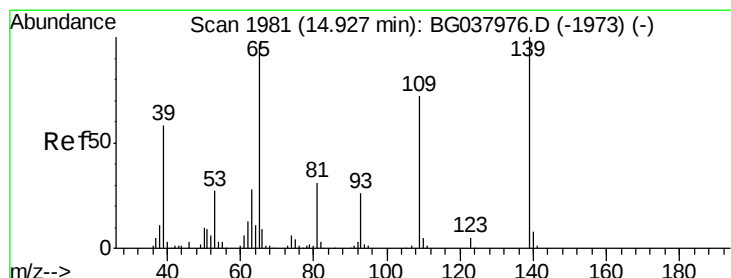
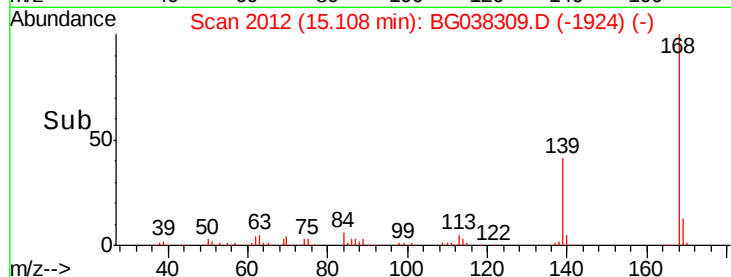
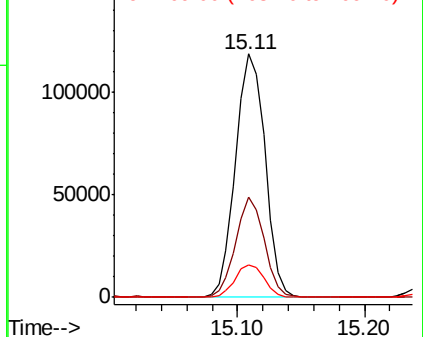
#55  
Dibenzenofuran  
Concen: 39.464 ng  
RT: 15.11 min Scan# 2012  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

Tgt Ion:168 Resp: 191642  
Ion Ratio Lower Upper  
168 100  
139 41.0 29.4 44.0  
169 13.4 11.0 16.6

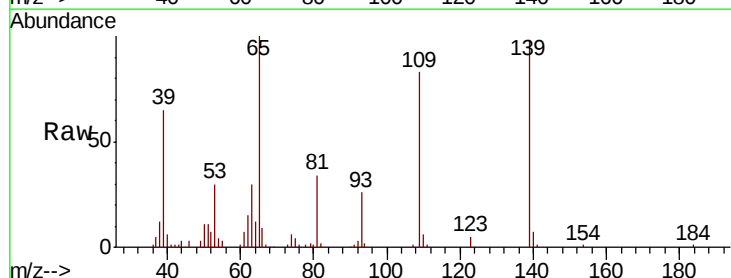


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

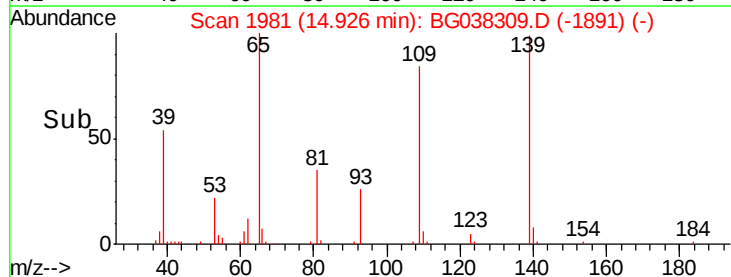
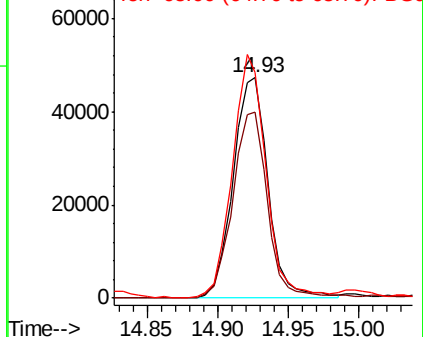


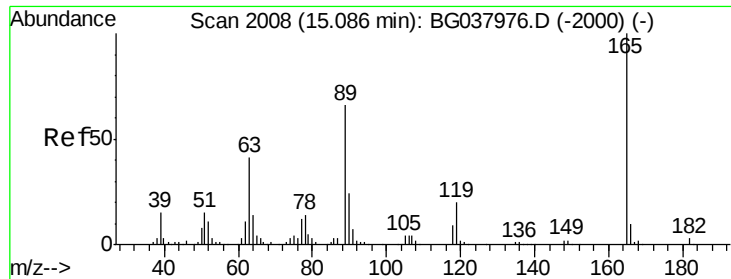
#56  
4-Nitrophenol  
Concen: 105.696 ng  
RT: 14.93 min Scan# 1981  
Delta R.T. -0.00 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Tgt Ion:139 Resp: 81671  
Ion Ratio Lower Upper  
139 100  
109 84.4 49.5 89.5  
65 102.3 76.8 116.8



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





#57

2,4-Dinitrotoluene

Concen: 55.000 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

Tgt Ion:165 Resp: 67943

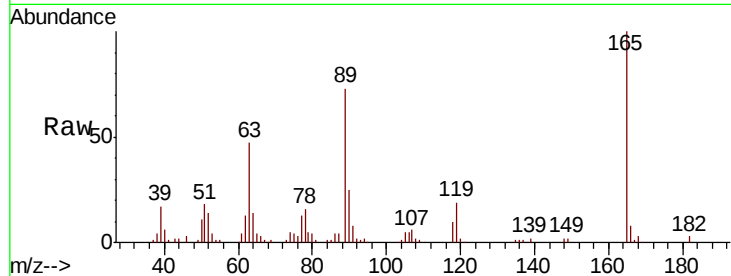
Ion Ratio Lower Upper

165 100

63 47.1 33.4 50.0

89 72.6 57.2 85.8

182 3.3 2.6 4.0

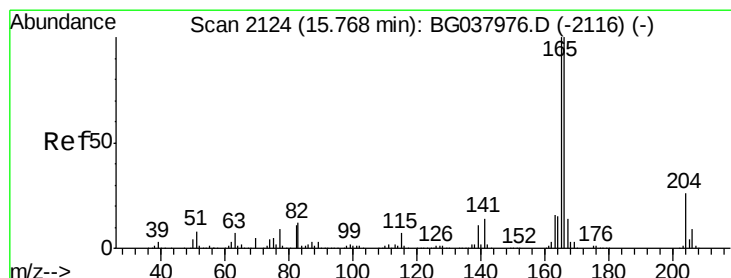
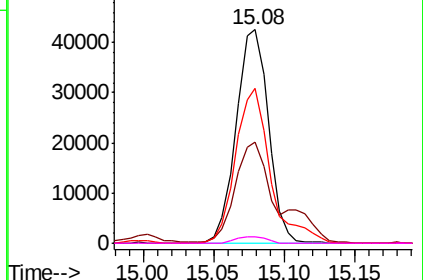
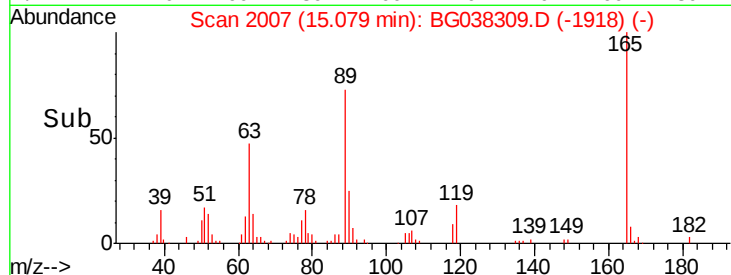


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.559 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

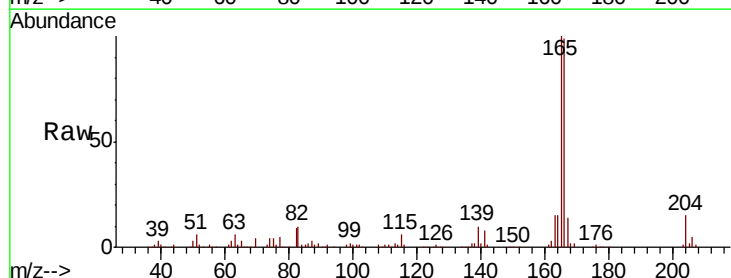
Tgt Ion:166 Resp: 168694

Ion Ratio Lower Upper

166 100

165 100.6 79.0 118.6

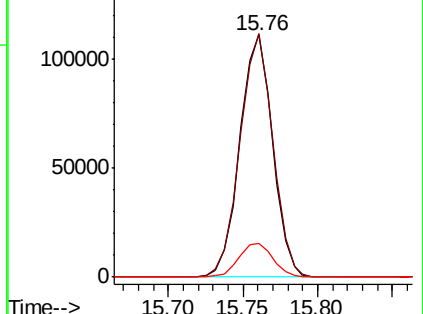
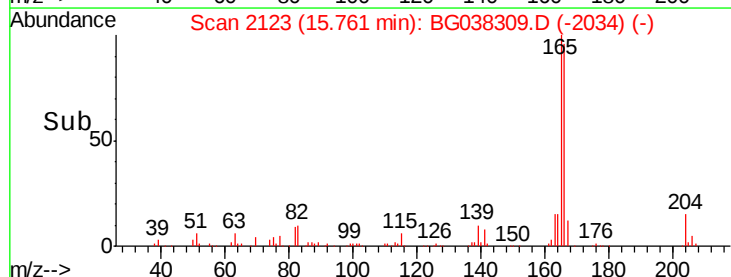
167 13.8 11.3 16.9

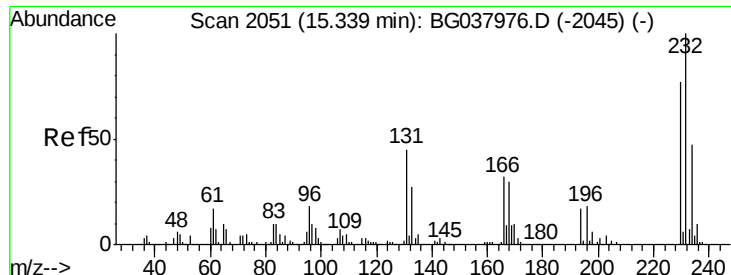


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

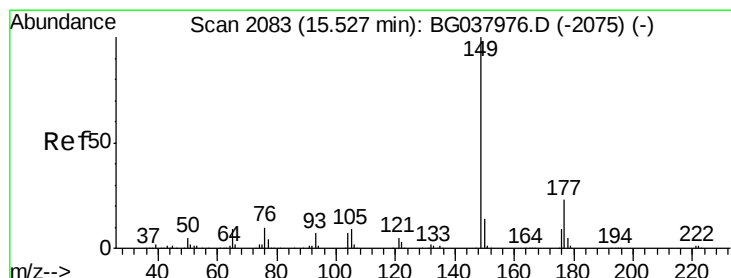
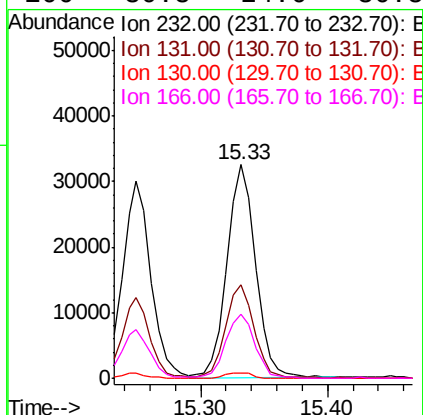
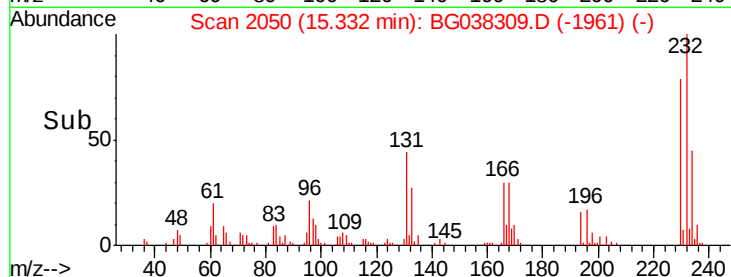
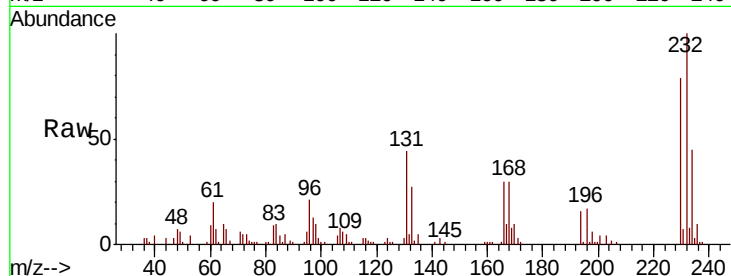




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.815 ng  
RT: 15.33 min Scan# 2050  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

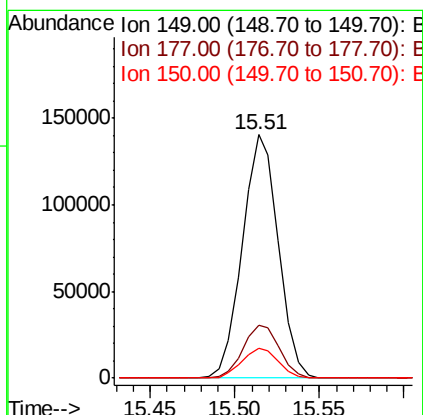
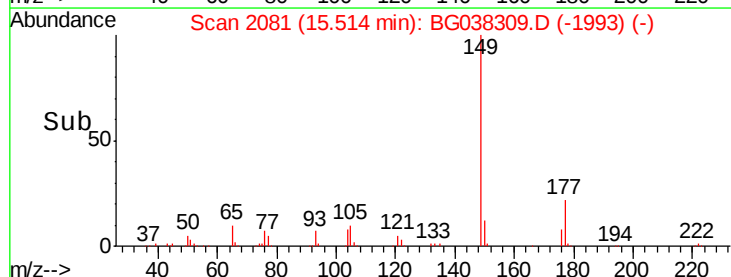
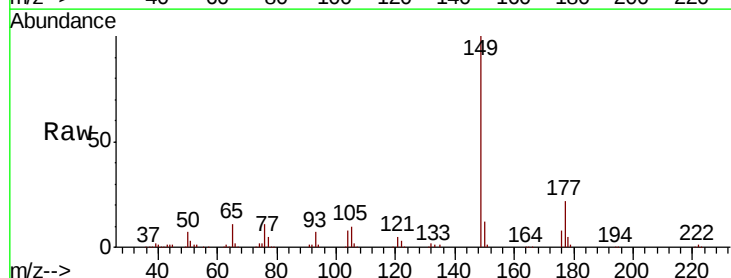
Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

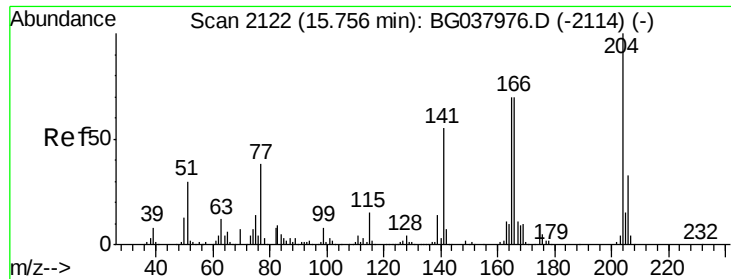
Tgt Ion: 232 Resp: 50536  
Ion Ratio Lower Upper  
232 100  
131 44.5 33.7 50.5  
130 2.5 2.1 3.1  
166 30.8 24.6 36.8



#60  
Diethylphthalate  
Concen: 48.492 ng  
RT: 15.51 min Scan# 2081  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Tgt Ion: 149 Resp: 206619  
Ion Ratio Lower Upper  
149 100  
177 21.9 18.3 27.5  
150 12.5 10.0 15.0

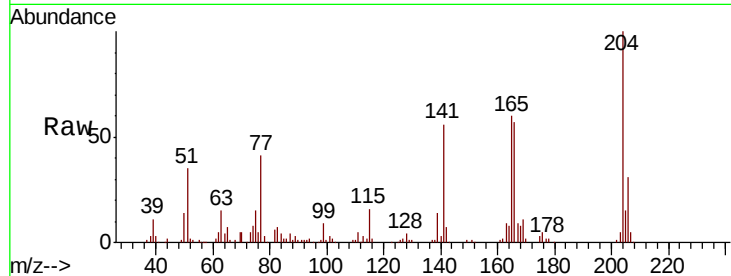




#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.581 ng  
 RT: 15.74 min Scan# 2120  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S1-0-0.5-BGSMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.3  | 26.6  | 39.8  |
| 141     | 56.0  | 45.4  | 68.2  |

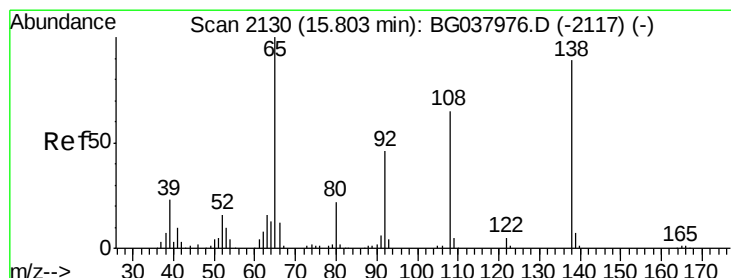
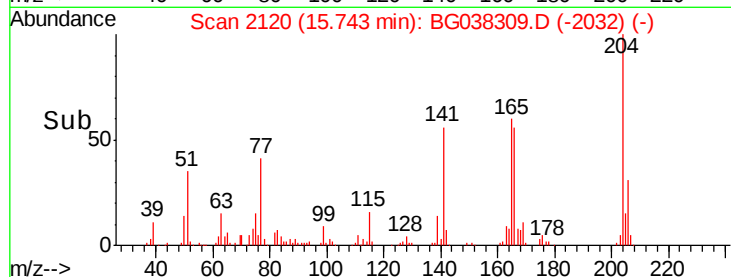
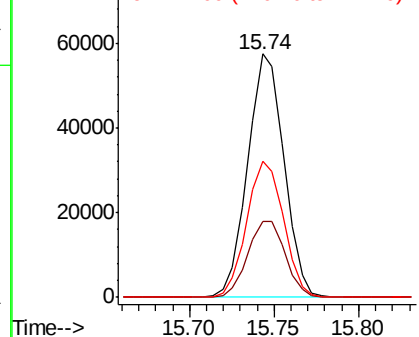


Abundance

Ion 204.00 (203.70 to 204.70): E

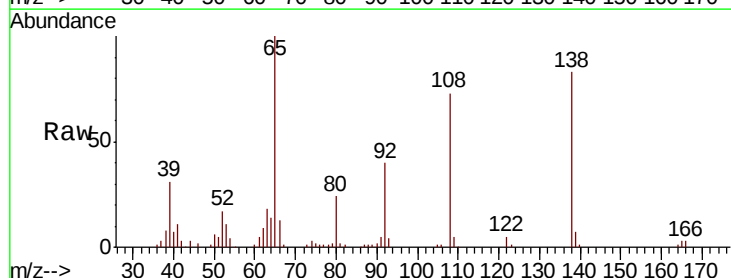
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
 4-Nitroaniline  
 Concen: 55.035 ng  
 RT: 15.79 min Scan# 2128  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.1  | 36.4  | 76.4  |
| 108     | 88.0  | 60.1  | 100.1 |

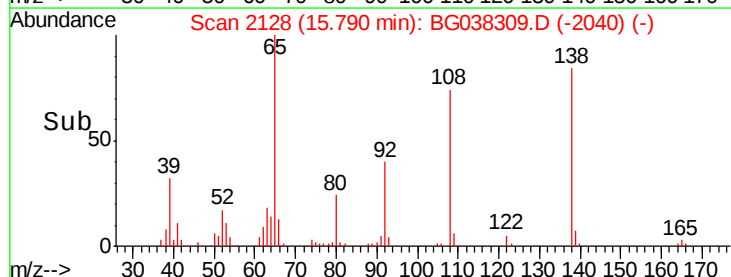
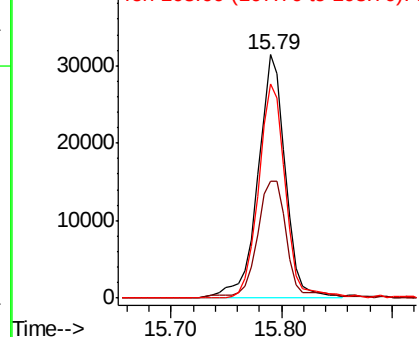


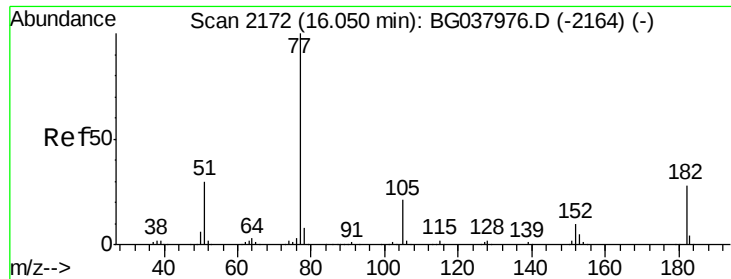
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

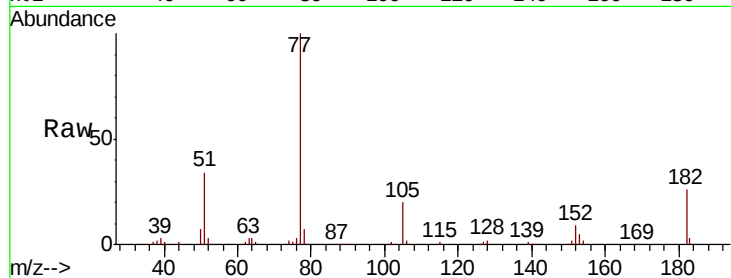




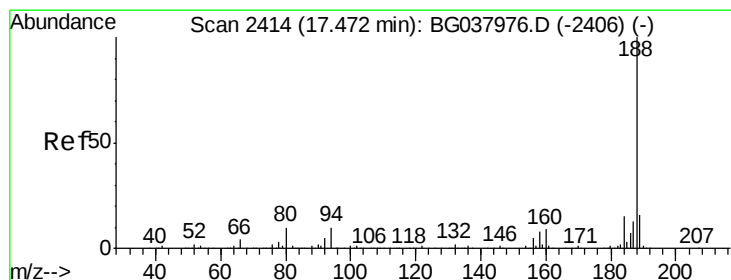
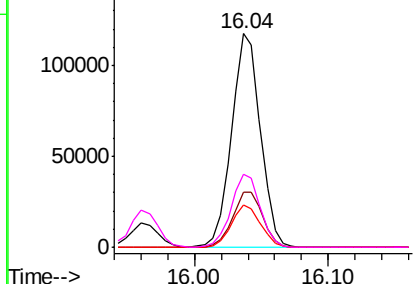
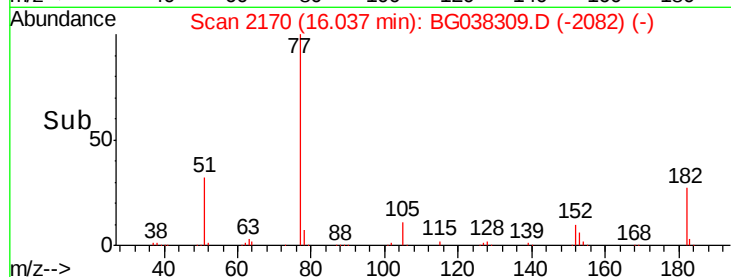
#63  
Azobenzene  
Concen: 46.337 ng  
RT: 16.04 min Scan# 2170  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

Tgt Ion: 77 Resp: 176530  
Ion Ratio Lower Upper  
77 100  
182 25.7 8.0 48.0  
105 19.8 1.3 41.3  
51 34.4 10.7 50.7

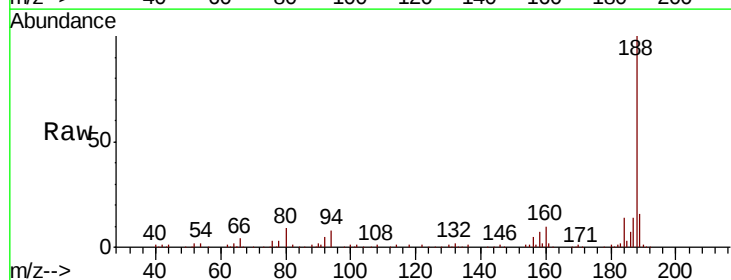


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

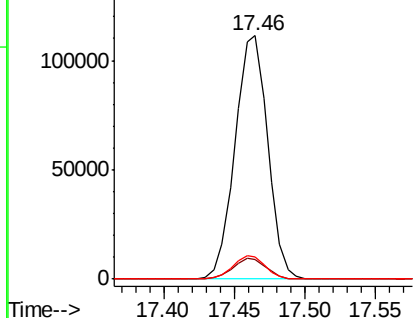
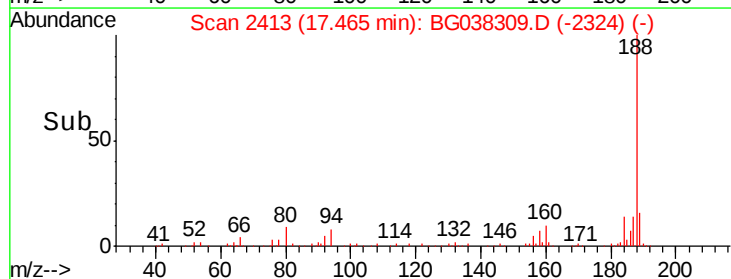


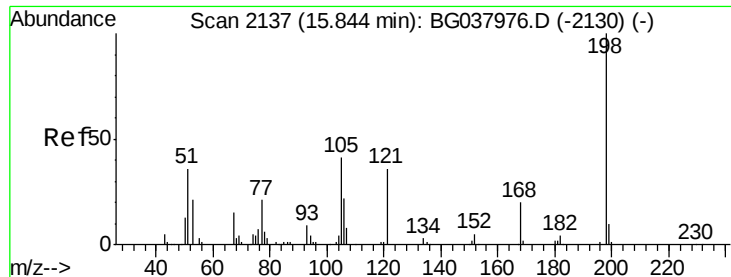
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.46 min Scan# 2413  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Tgt Ion: 188 Resp: 179778  
Ion Ratio Lower Upper  
188 100  
94 7.8 7.2 10.8  
80 9.3 7.7 11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 36.324 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

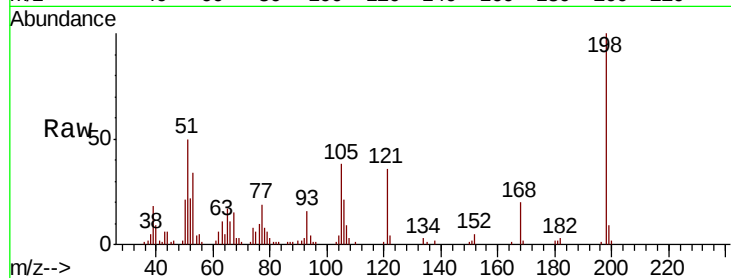
Tgt Ion:198 Resp: 41304

Ion Ratio Lower Upper

198 100

51 50.1 22.7 62.7

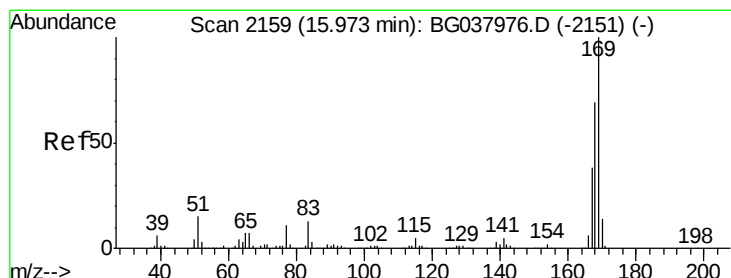
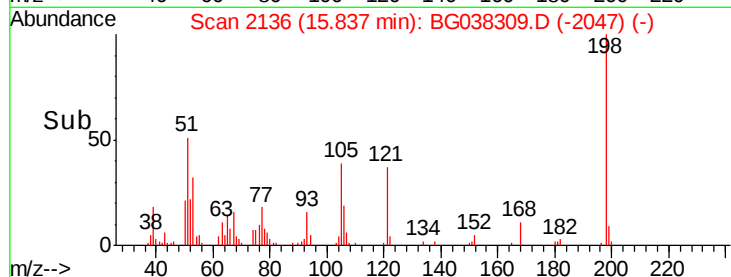
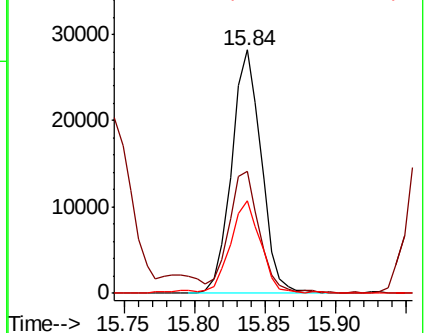
105 38.2 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 30.913 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

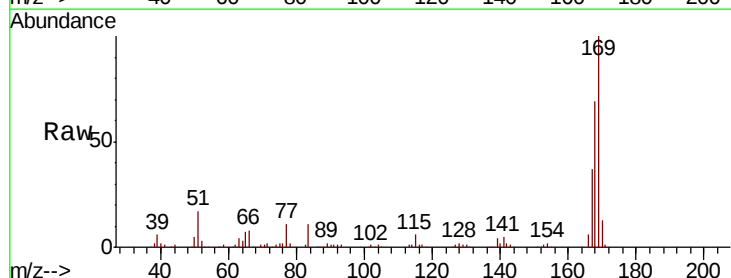
Tgt Ion:169 Resp: 168128

Ion Ratio Lower Upper

169 100

168 68.6 55.7 83.5

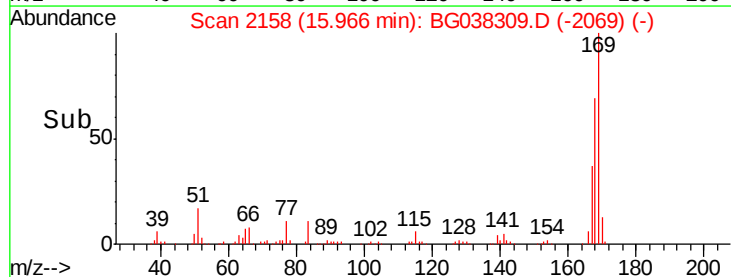
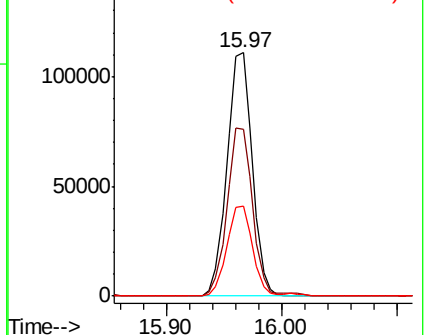
167 37.2 31.3 46.9

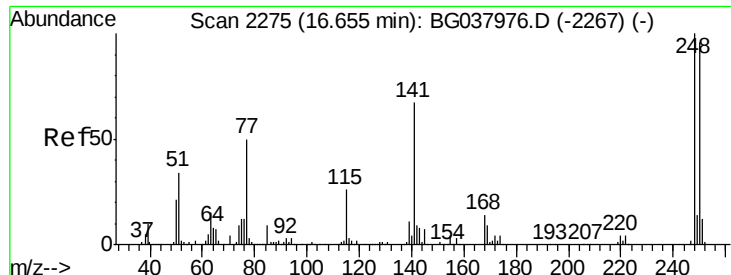


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

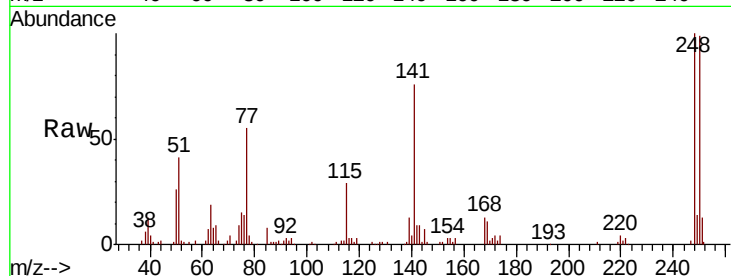




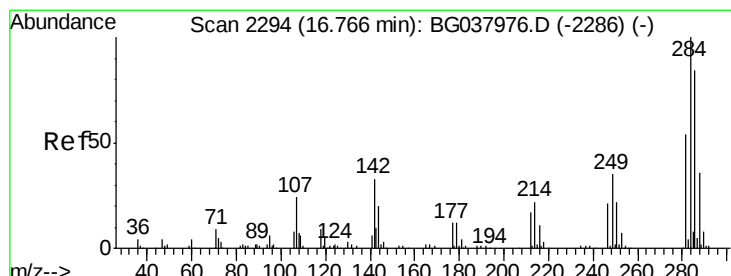
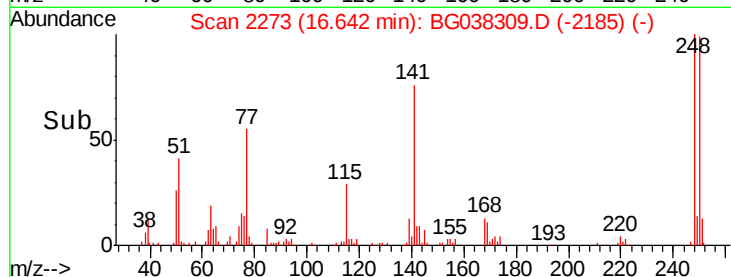
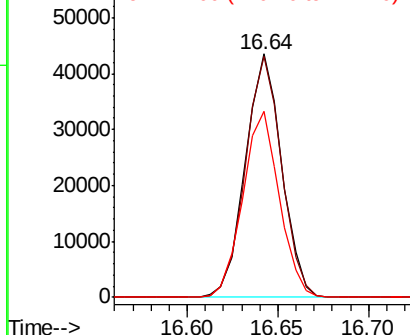
#67  
 4-Bromophenyl-phenylether  
 Concen: 30.702 ng  
 RT: 16.64 min Scan# 2273  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S1-0-0.5-BGSMS

Tgt Ion:248 Resp: 60581  
 Ion Ratio Lower Upper  
 248 100  
 250 99.1 77.0 115.6  
 141 76.1 55.5 83.3

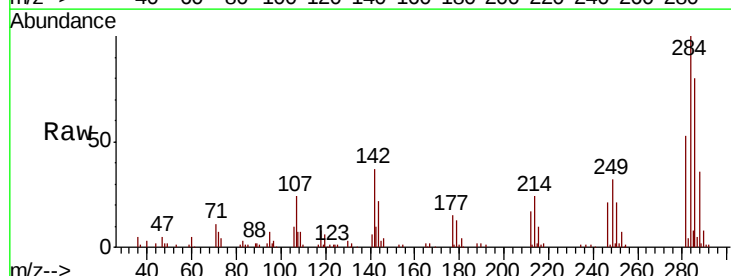


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

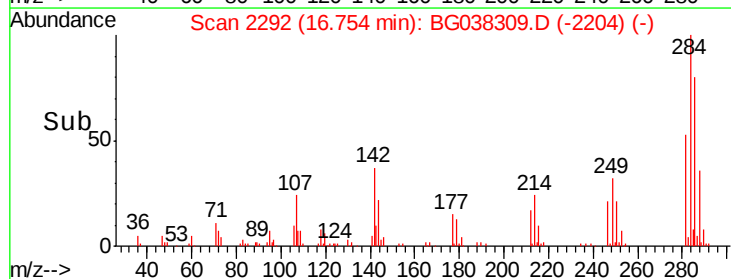
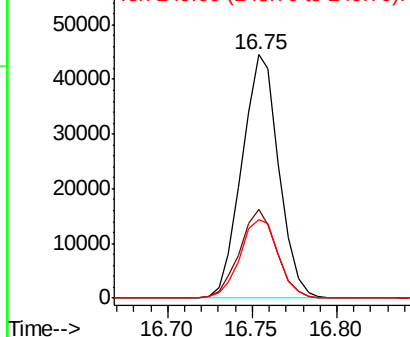


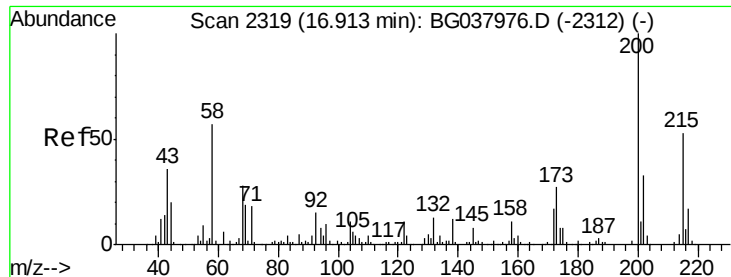
#68  
 Hexachlorobenzene  
 Concen: 33.201 ng  
 RT: 16.75 min Scan# 2292  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Tgt Ion:284 Resp: 67623  
 Ion Ratio Lower Upper  
 284 100  
 142 36.7 28.1 42.1  
 249 34.3 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E  
 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.610 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

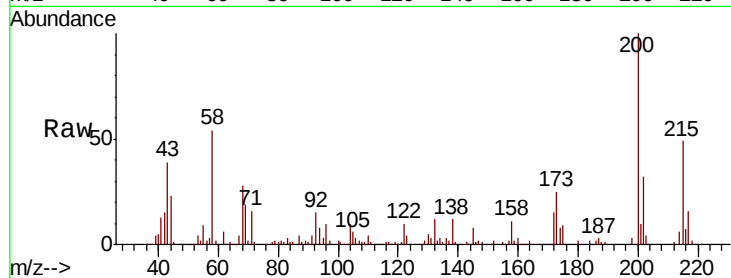
Tgt Ion:200 Resp: 77410

Ion Ratio Lower Upper

200 100

173 25.1 6.1 46.1

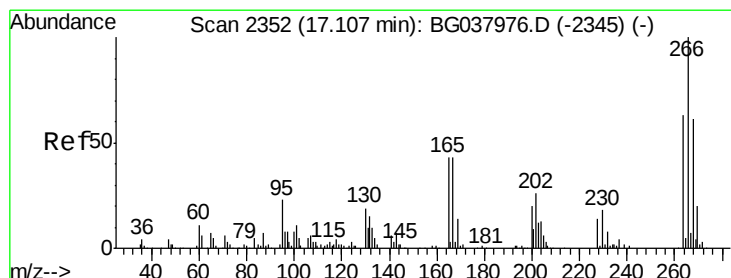
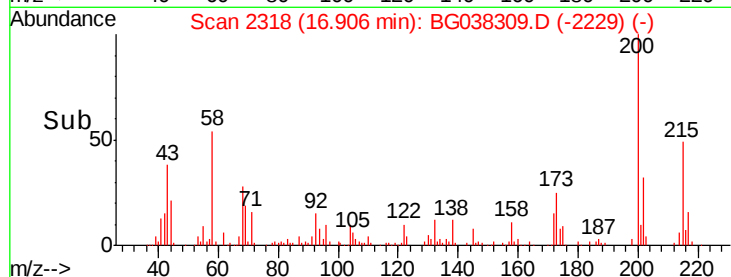
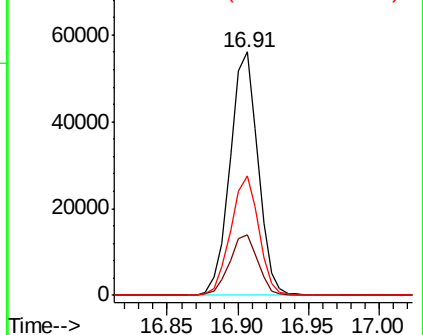
215 49.3 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 60.222 ng

RT: 17.10 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

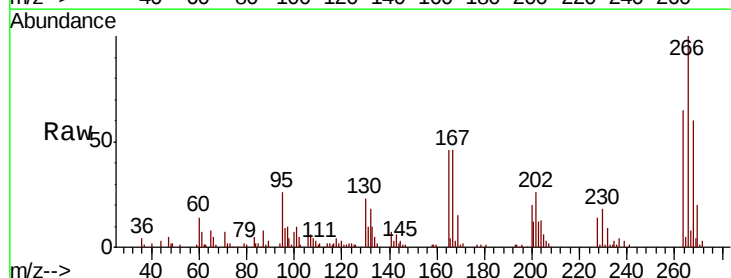
Tgt Ion:266 Resp: 83305

Ion Ratio Lower Upper

266 100

268 63.9 55.0 82.6

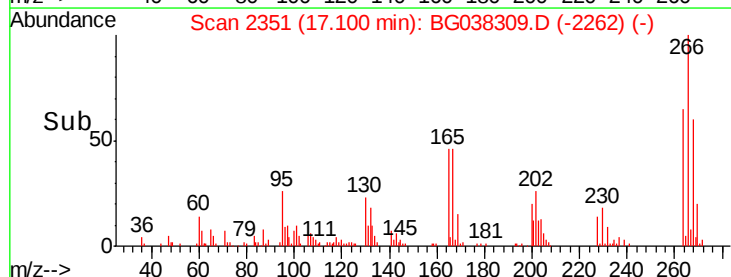
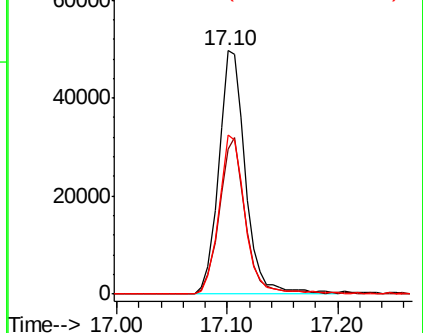
264 65.3 58.9 88.3

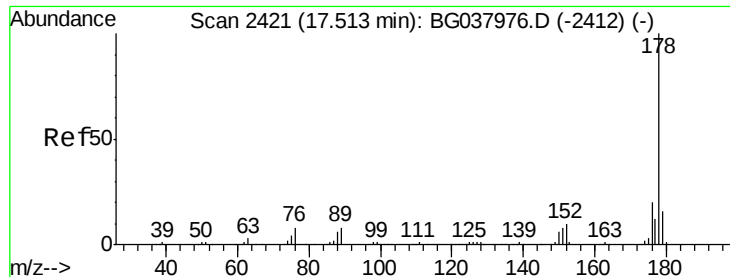


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

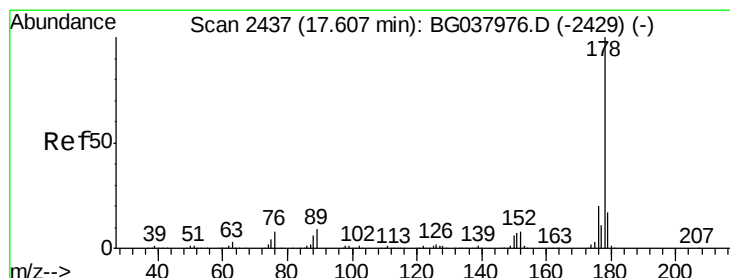
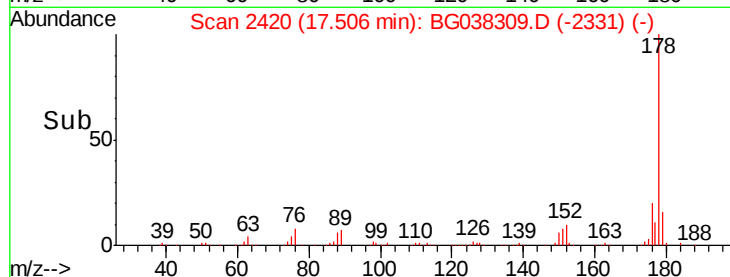
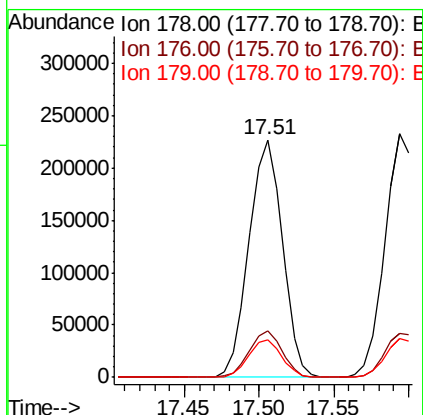
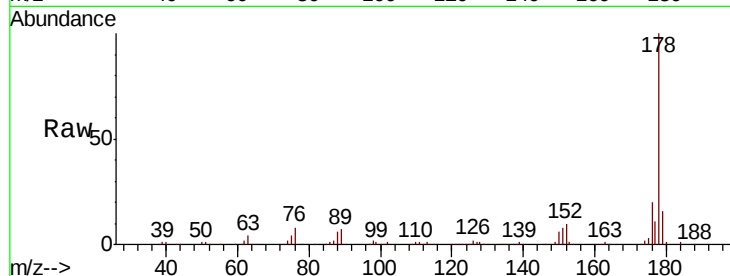




#71  
Phenanthrene  
Concen: 38.149 ng  
RT: 17.51 min Scan# 2420  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

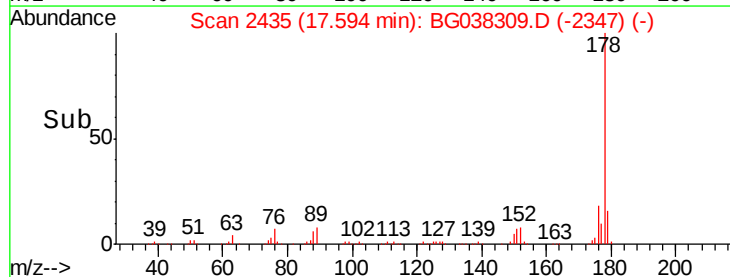
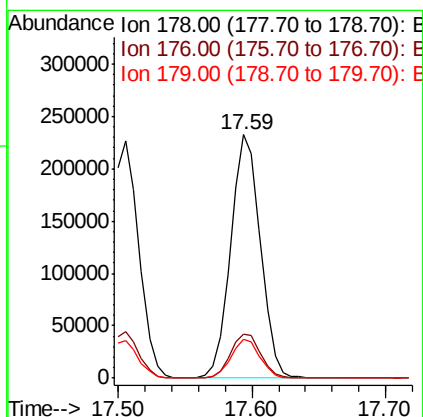
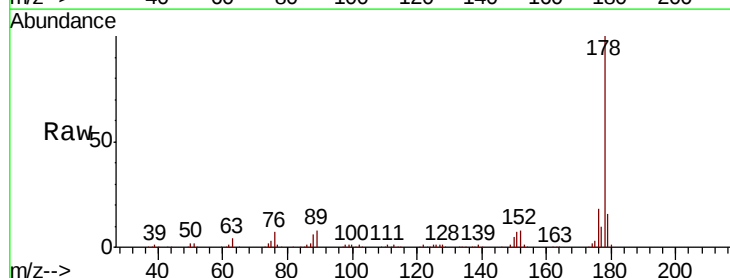
Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

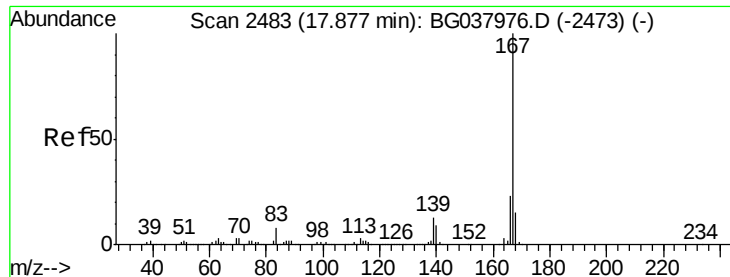
Tgt Ion:178 Resp: 351137  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.1 24.1  
179 16.0 13.0 19.4



#72  
Anthracene  
Concen: 39.565 ng  
RT: 17.59 min Scan# 2435  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Tgt Ion:178 Resp: 358976  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.0 22.4  
179 15.9 12.8 19.2

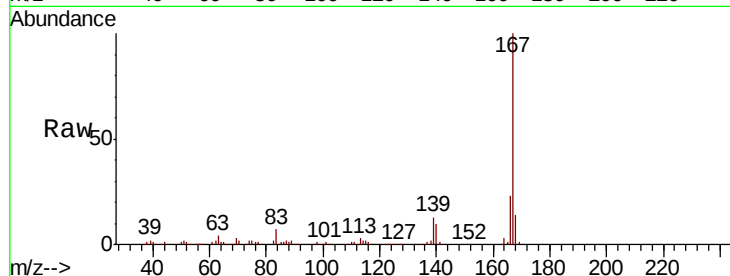




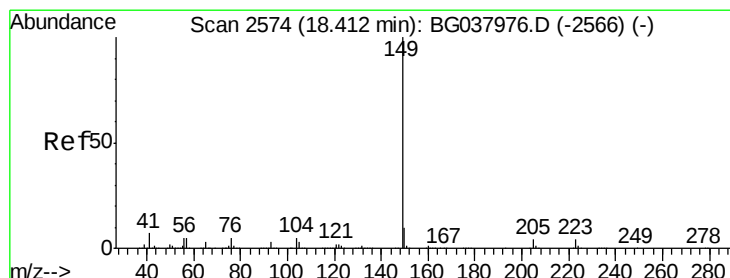
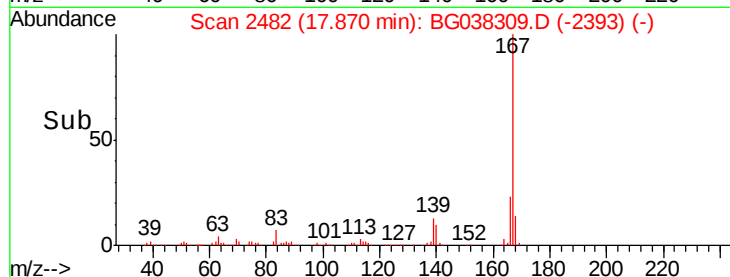
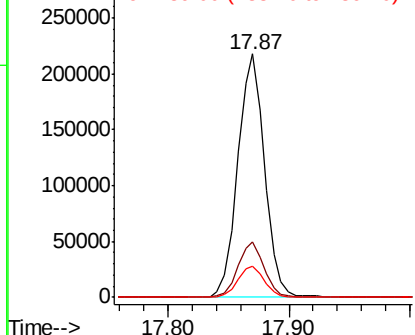
#73  
 Carbazole  
 Concen: 36.947 ng  
 RT: 17.87 min Scan# 2482  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S1-0-0.5-BGSMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.6  | 18.3  | 27.5  |
| 139     | 12.6  | 10.5  | 15.7  |

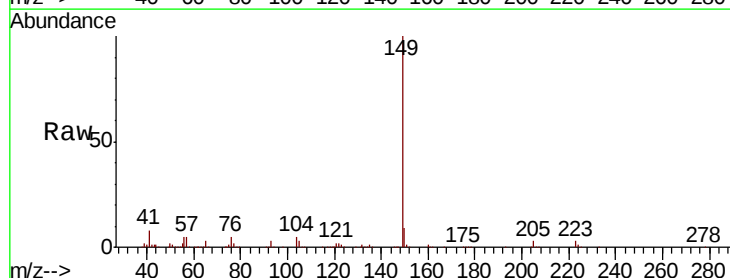


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

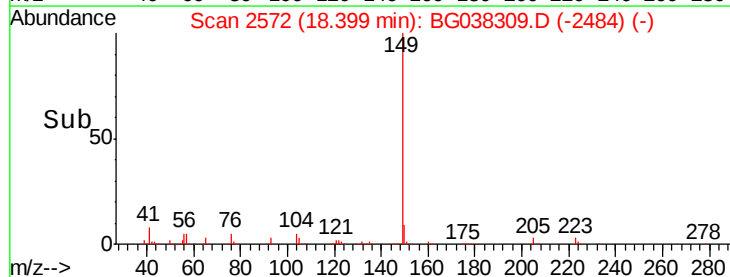
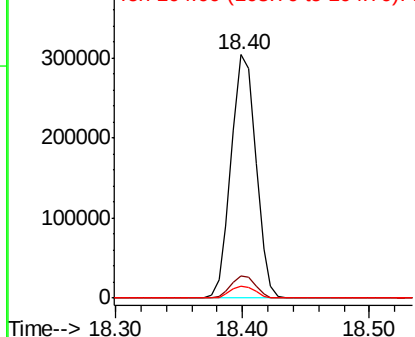


#74  
 Di-n-butylphthalate  
 Concen: 40.357 ng  
 RT: 18.40 min Scan# 2572  
 Delta R.T. -0.01 min  
 Lab File: BG038309.D  
 Acq: 3 Dec 2018 21:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 8.2   | 12.2  |
| 104     | 5.1   | 4.0   | 6.0   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.023 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

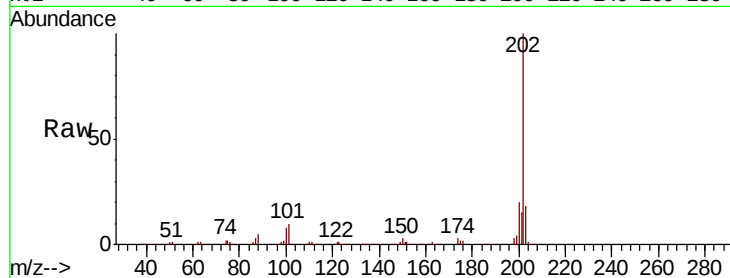
Tgt Ion:202 Resp: 441306

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.7

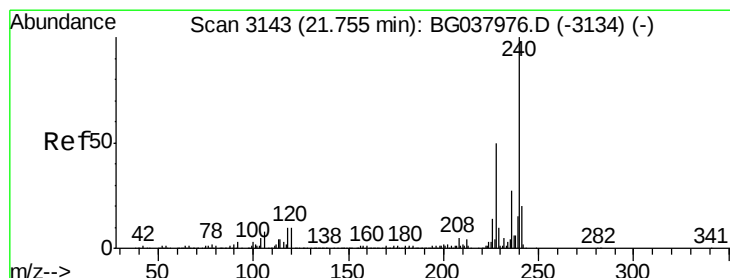
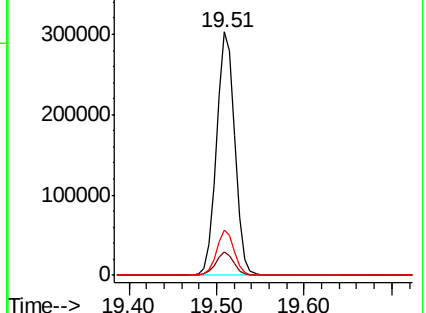
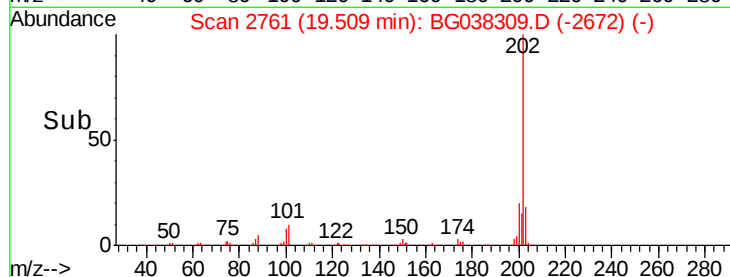
203 18.5 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

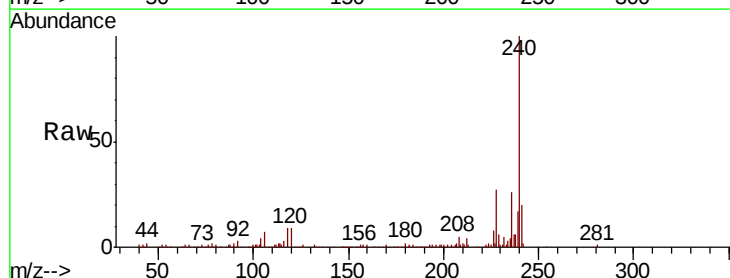
Tgt Ion:240 Resp: 174713

Ion Ratio Lower Upper

240 100

120 9.2 8.1 12.1

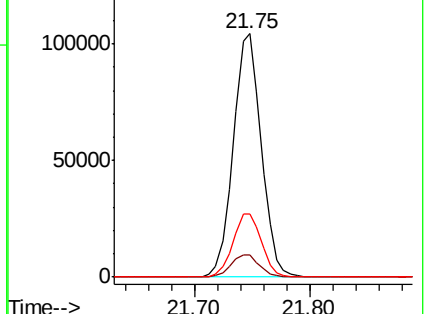
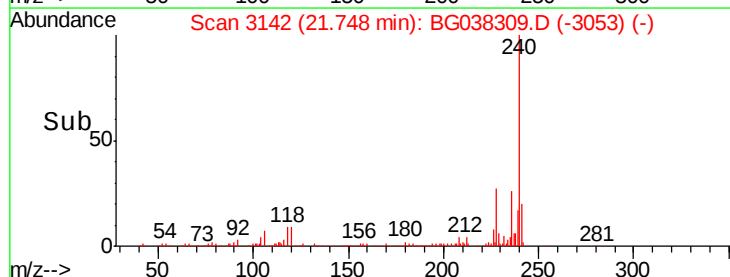
236 26.1 21.4 32.0

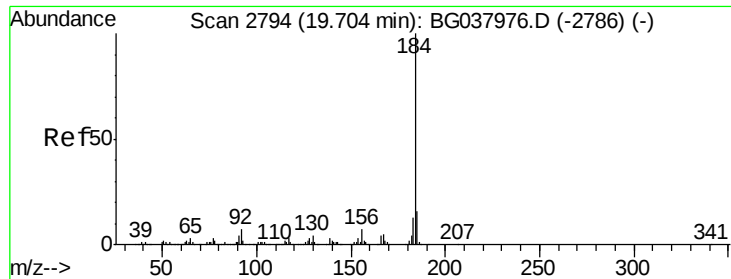


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.369 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

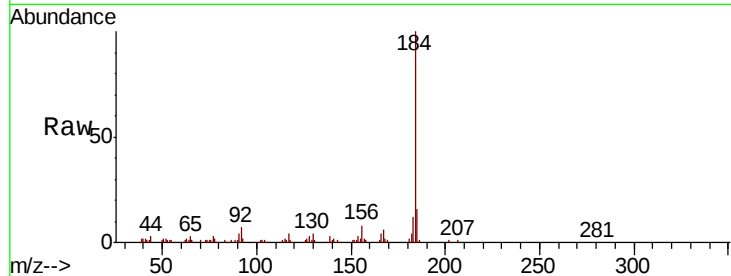
Tgt Ion:184 Resp: 88089

Ion Ratio Lower Upper

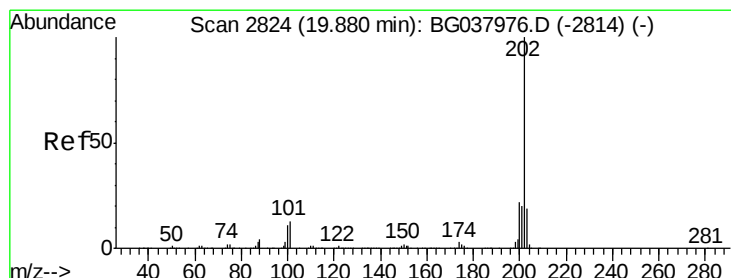
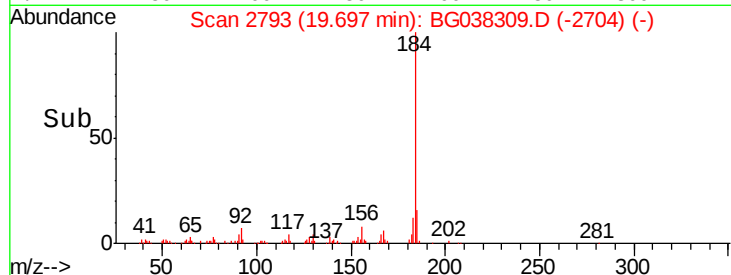
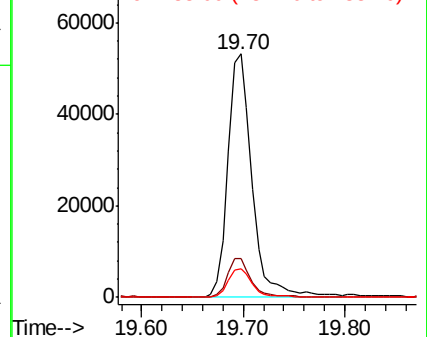
184 100

185 16.1 12.6 18.8

183 11.5 10.2 15.2



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



#78

Pyrene

Concen: 38.660 ng

RT: 19.87 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

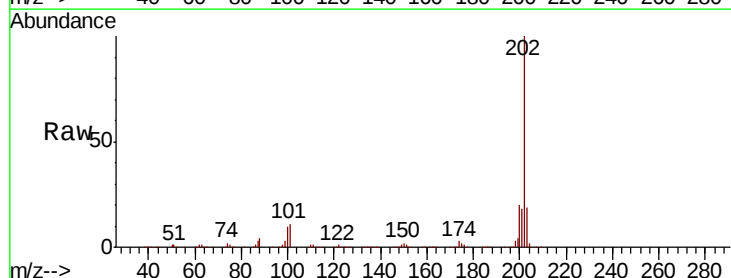
Tgt Ion:202 Resp: 441605

Ion Ratio Lower Upper

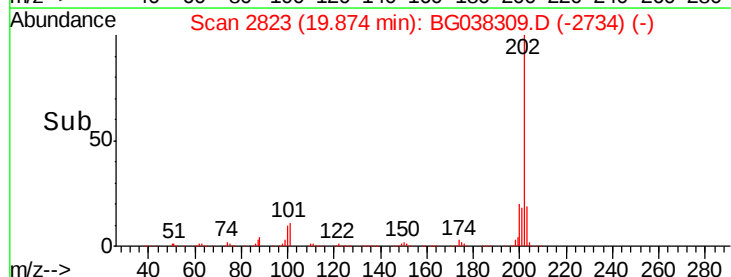
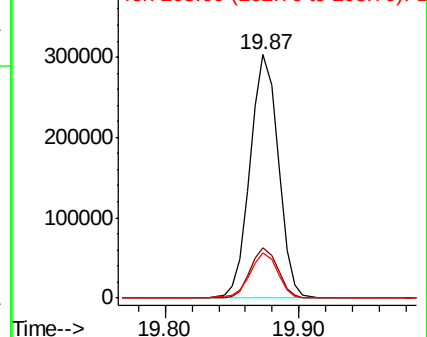
202 100

200 20.4 17.8 26.6

203 18.7 15.2 22.8



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





#79

Terphenyl-d14

Concen: 83.470 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

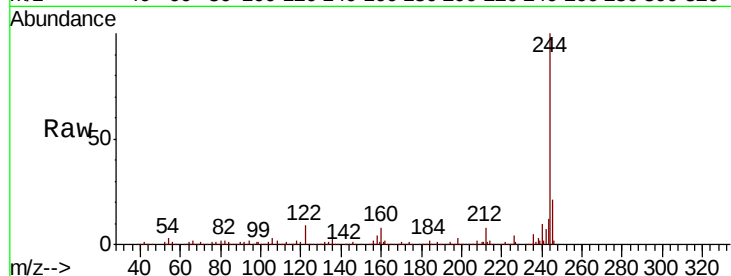
Tgt Ion:244 Resp: 619775

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 8.9 9.0 13.4#

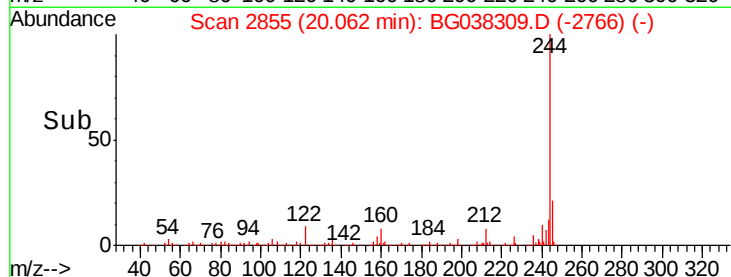


Abundance Ion 244.00 (243.70 to 244.70): E

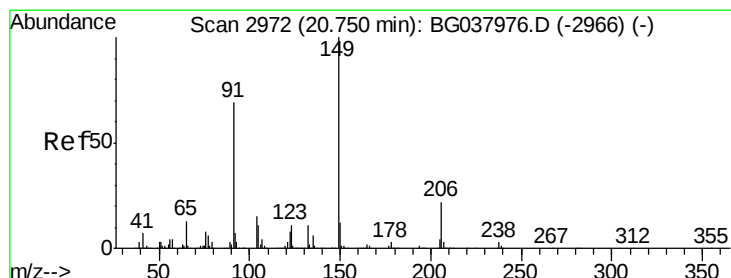
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.06



Time-->



#80

Butylbenzylphthalate

Concen: 36.341 ng

RT: 20.74 min Scan# 2971

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

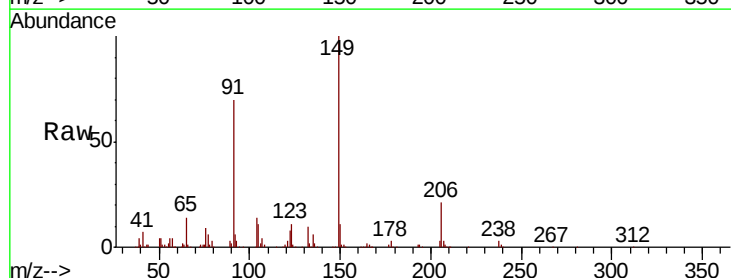
Tgt Ion:149 Resp: 181536

Ion Ratio Lower Upper

149 100

91 70.4 57.0 85.4

206 21.2 17.8 26.6

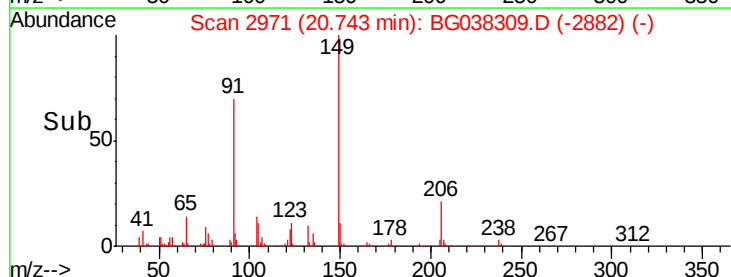


Abundance Ion 149.00 (148.70 to 149.70): E

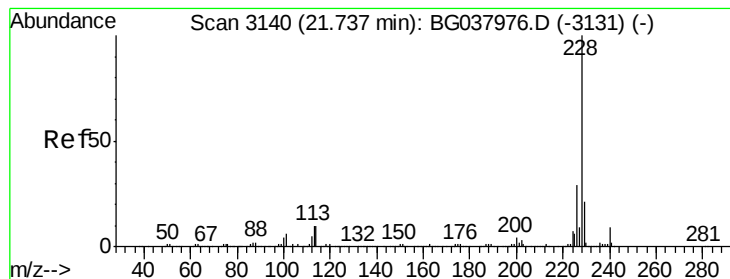
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

20.74



Time-->



#81

Benzo(a)anthracene

Concen: 38.174 ng

RT: 21.72 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

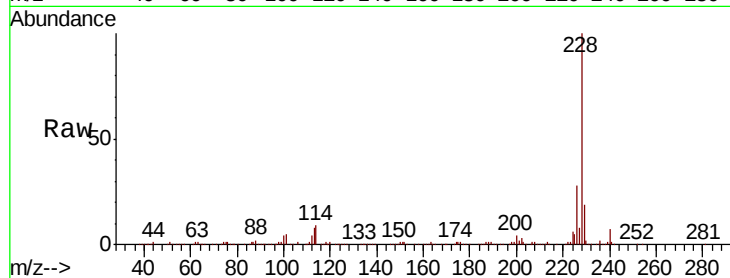
Tgt Ion:228 Resp: 403039

Ion Ratio Lower Upper

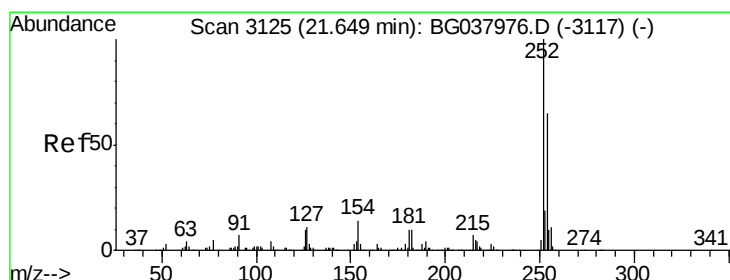
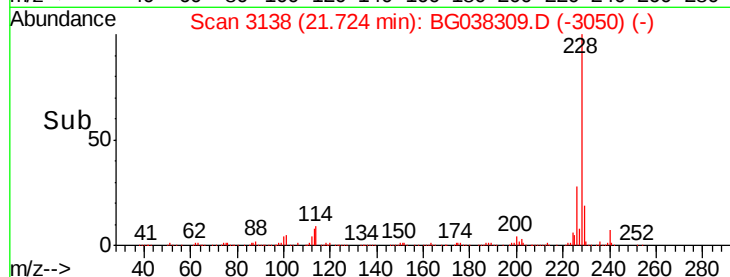
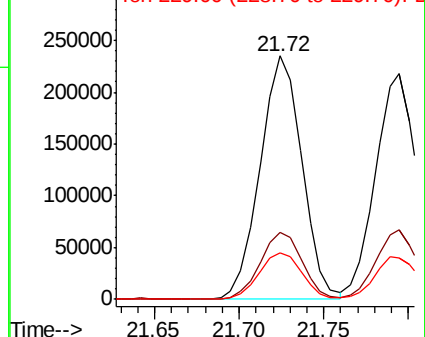
228 100

226 27.5 22.6 33.8

229 19.4 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 24.154 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

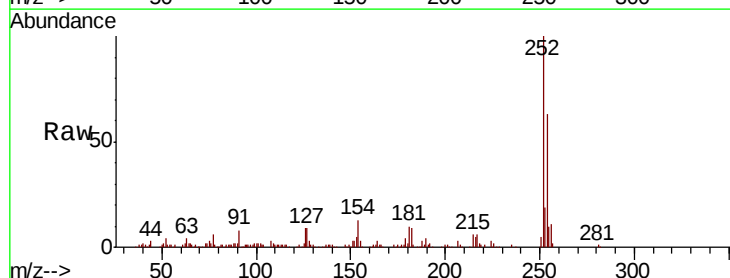
Tgt Ion:252 Resp: 99340

Ion Ratio Lower Upper

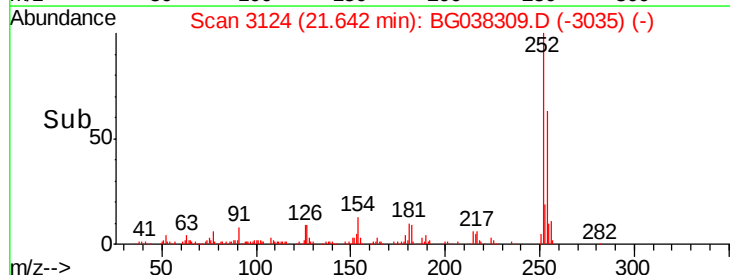
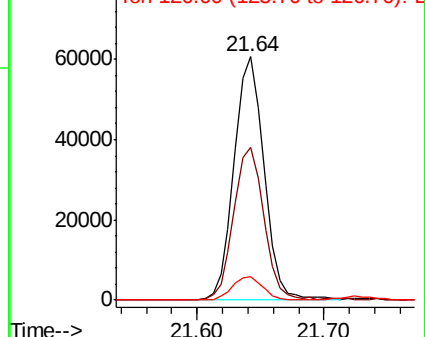
252 100

254 62.9 52.0 78.0

126 9.5 8.2 12.4



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





#83

Chrysene

Concen: 37.206 ng

RT: 21.79 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA\_G

ClientSampleId :

S1-0-0.5-BGSMS

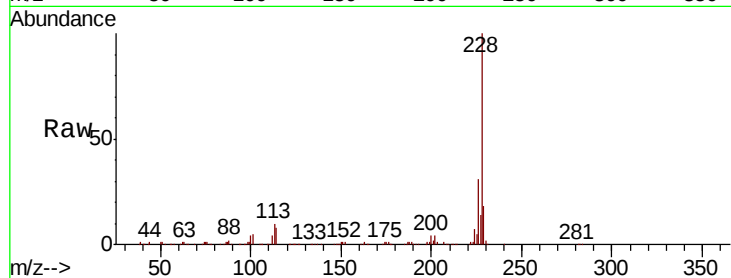
Tgt Ion:228 Resp: 375851

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

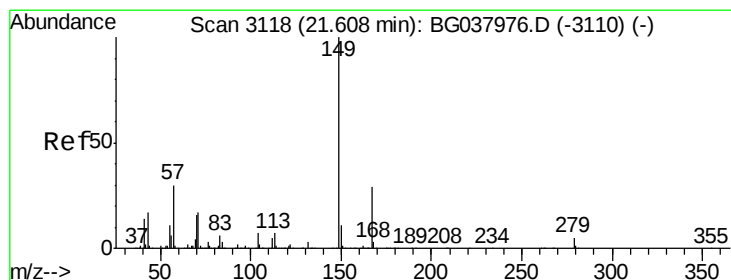
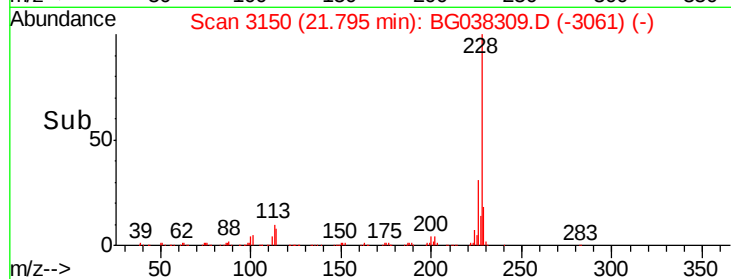
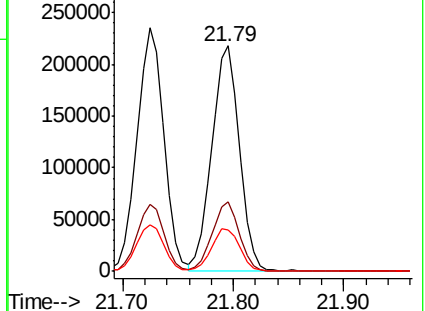
229 18.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.055 ng

RT: 21.59 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

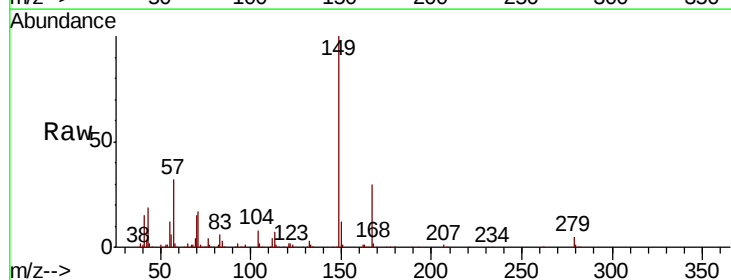
Tgt Ion:149 Resp: 249731

Ion Ratio Lower Upper

149 100

167 29.7 23.0 34.4

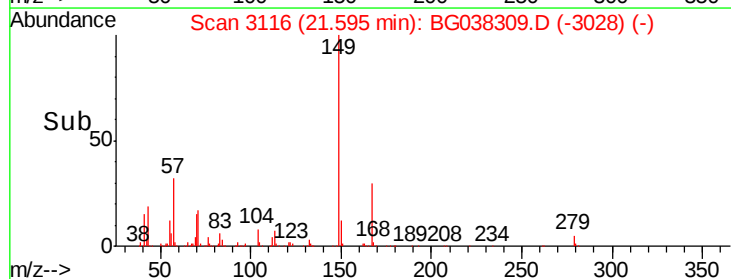
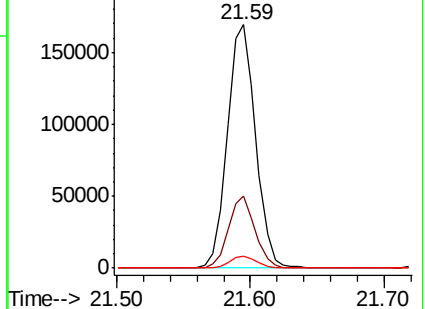
279 4.8 3.6 5.4

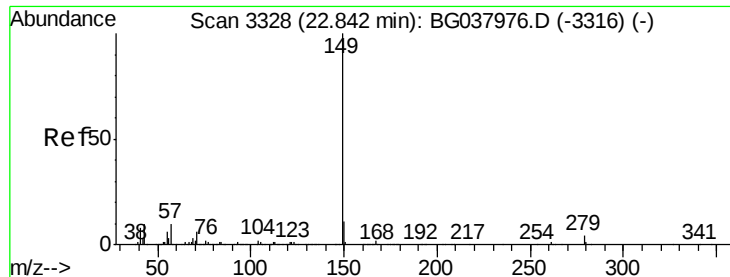


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

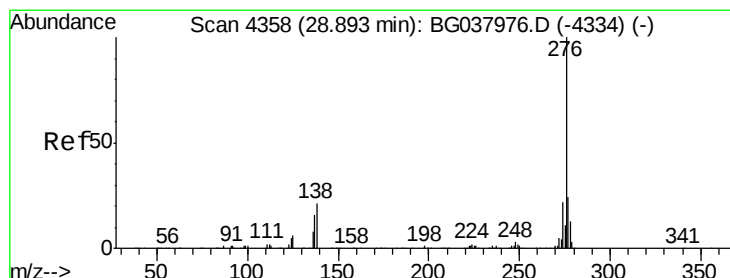
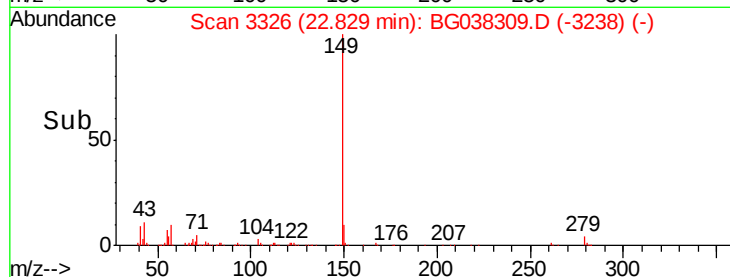
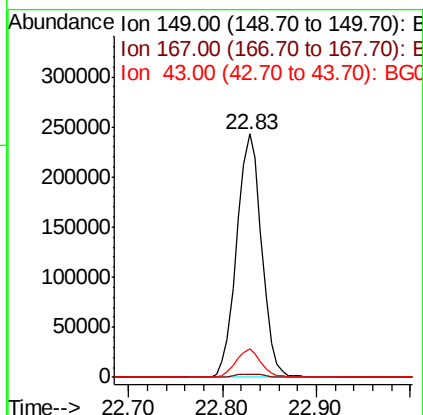
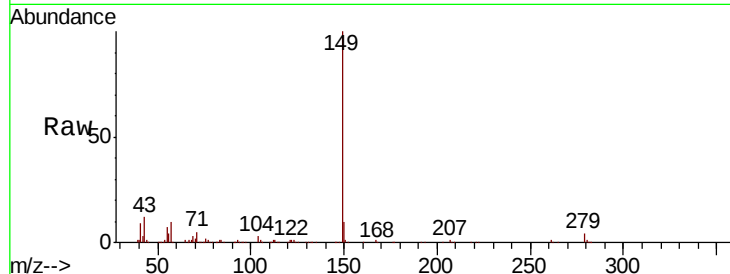




#85  
Di-n-octyl phthalate  
Concen: 38.705 ng  
RT: 22.83 min Scan# 3326  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

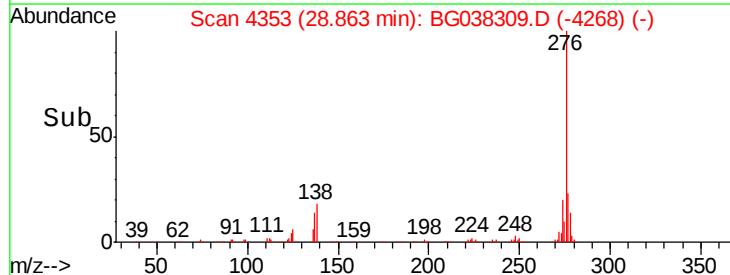
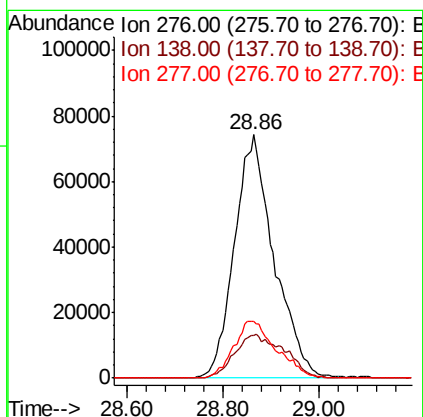
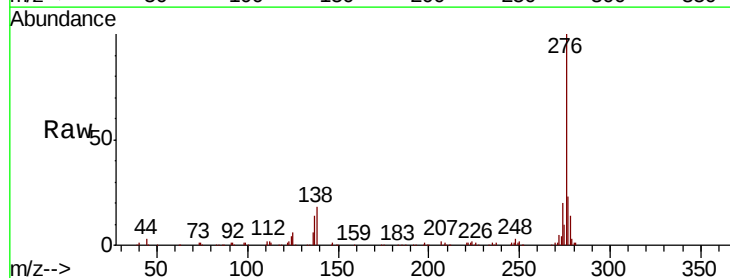
Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

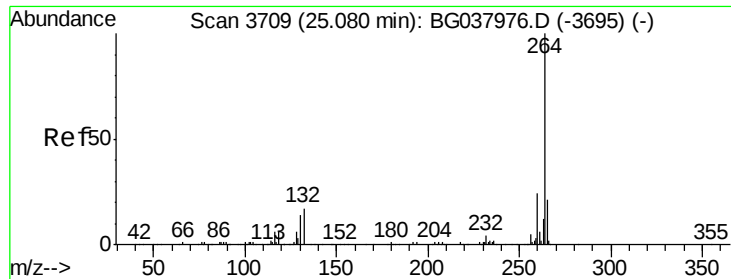
Tgt Ion:149 Resp: 446082  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.6 8.7 13.1



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 37.972 ng  
RT: 28.86 min Scan# 4353  
Delta R.T. -0.03 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Tgt Ion:276 Resp: 426026  
Ion Ratio Lower Upper  
276 100  
138 22.3 12.0 18.0#  
277 25.2 20.6 30.8

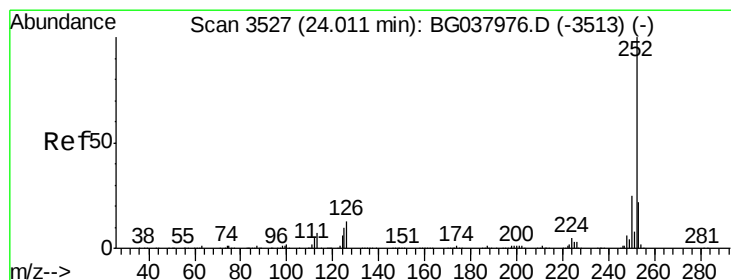
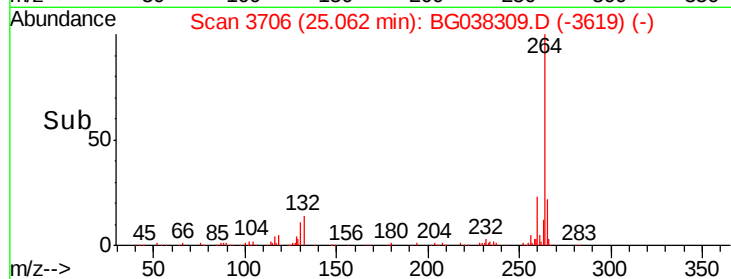
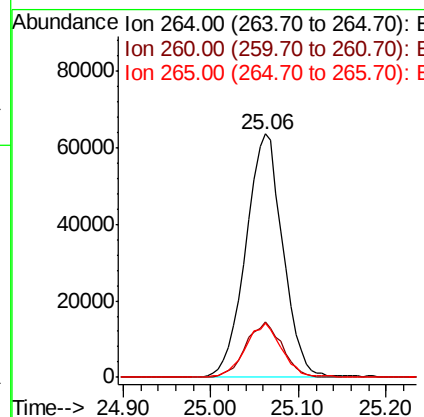
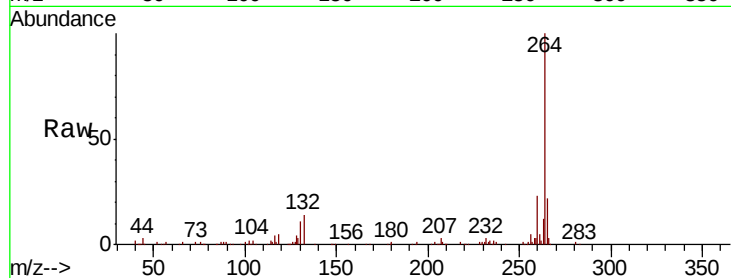




#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.06 min Scan# 3706  
Delta R.T. -0.02 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

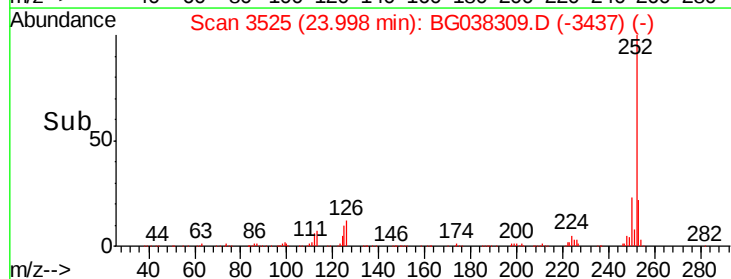
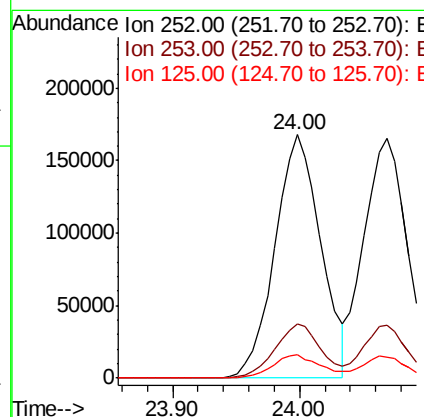
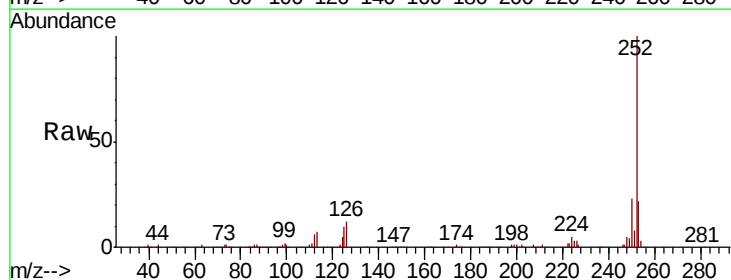
Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

Tgt Ion:264 Resp: 183273  
Ion Ratio Lower Upper  
264 100  
260 22.8 18.2 27.4  
265 22.3 17.9 26.9



#88  
Benzo(b)fluoranthene  
Concen: 41.890 ng  
RT: 24.00 min Scan# 3525  
Delta R.T. -0.01 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Tgt Ion:252 Resp: 422481  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.2 27.2  
125 9.8 7.8 11.6

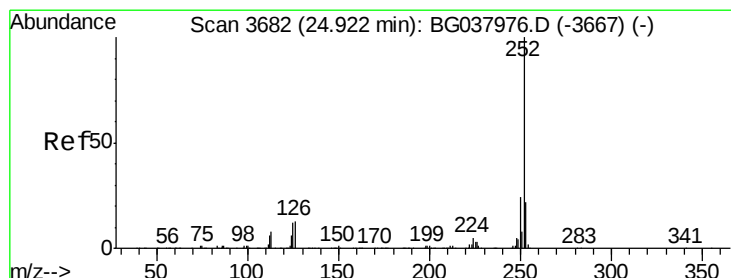
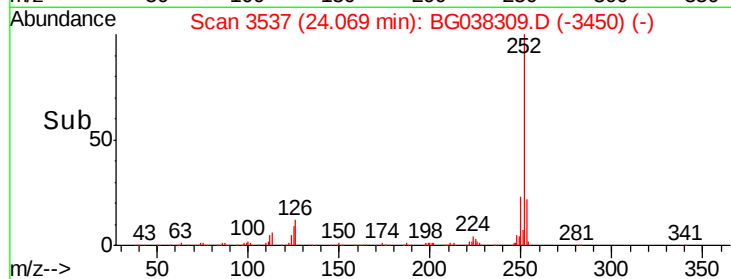
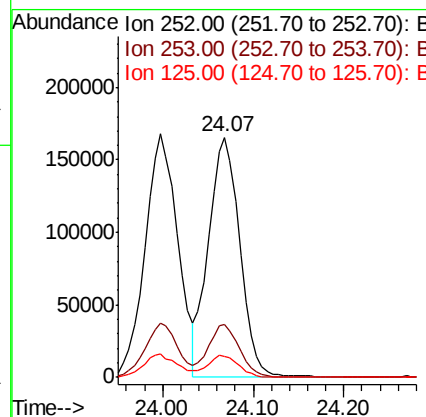
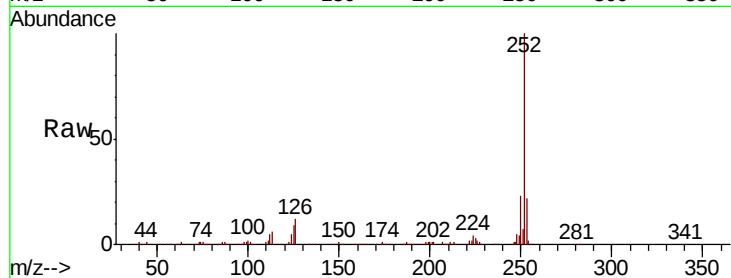




#89  
Benzo(k)fluoranthene  
Concen: 39.894 ng  
RT: 24.07 min Scan# 3537  
Delta R.T. -0.02 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

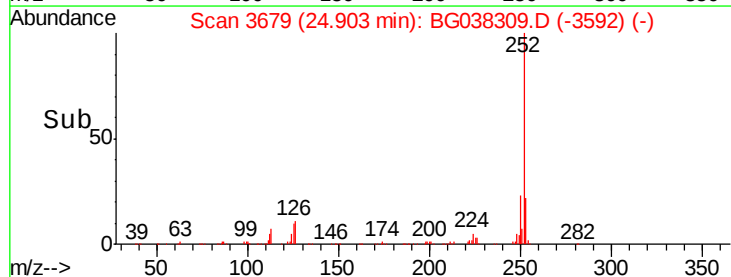
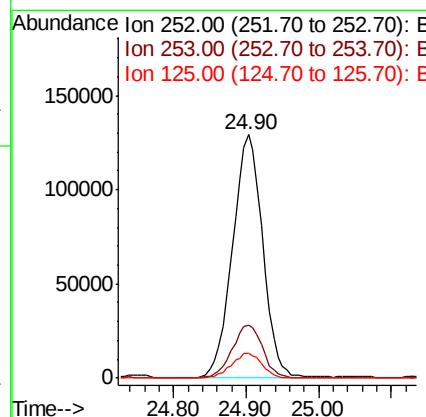
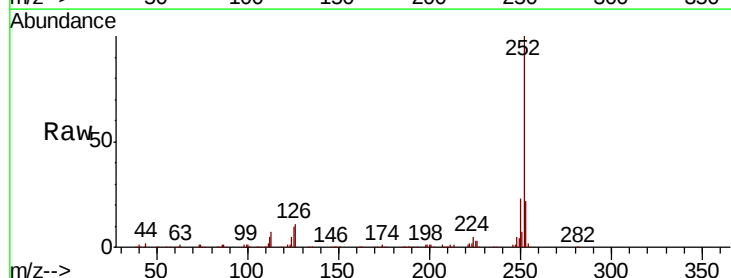
Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

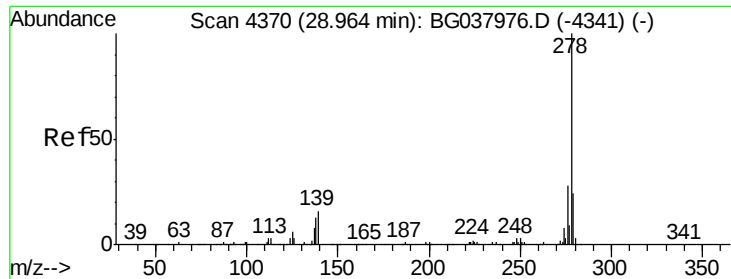
Tgt Ion:252 Resp: 397026  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.2  
125 8.7 7.4 11.0



#90  
Benzo(a)pyrene  
Concen: 38.905 ng  
RT: 24.90 min Scan# 3679  
Delta R.T. -0.02 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Tgt Ion:252 Resp: 374987  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.2  
125 10.4 9.0 13.6

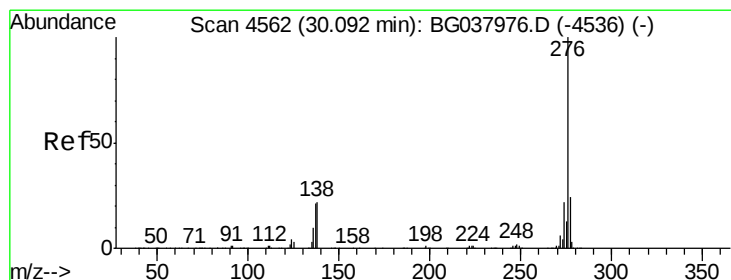
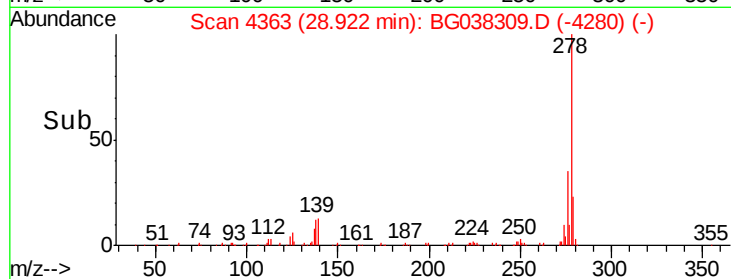
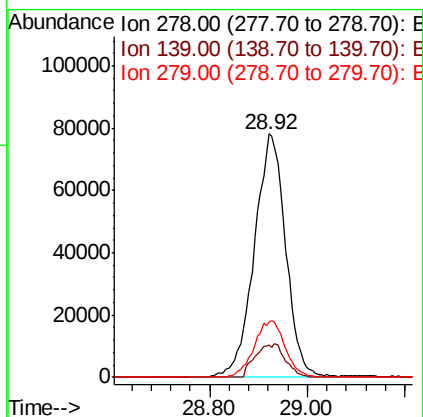
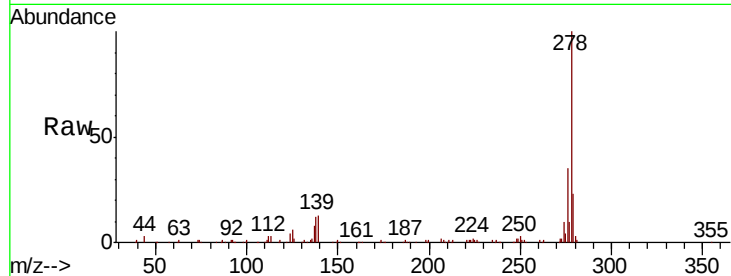




#91  
Dibenzo(a,h)anthracene  
Concen: 37.760 ng  
RT: 28.92 min Scan# 4363  
Delta R.T. -0.04 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

Instrument :  
BNA\_G  
ClientSampleId :  
S1-0-0.5-BGSMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.2  | 11.5  | 17.3  |
| 279     | 22.8  | 18.6  | 27.8  |



#92  
Benzo(g,h,i)perylene  
Concen: 38.362 ng  
RT: 30.07 min Scan# 4558  
Delta R.T. -0.02 min  
Lab File: BG038309.D  
Acq: 3 Dec 2018 21:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.5  | 18.9  | 28.3  |
| 138     | 18.9  | 17.2  | 25.8  |

