

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100218\  
 Data File : BG037107.D  
 Acq On : 2 Oct 2018 16:41  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 17:18:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 24 10:41:23 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 42827    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.84 | 136  | 190007   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.66 | 164  | 121840   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.41 | 188  | 311789   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.68 | 240  | 314677   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 24.88 | 264  | 325169   | 20.00 | ng    | -0.02    |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.61  | 112 | 202661 | 90.75 | ng | -0.01 |
| 7) Phenol-d6                | 7.20  | 99  | 296349 | 85.77 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 9.20  | 82  | 309393 | 87.20 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 16.16 | 330 | 121382 | 83.27 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 13.29 | 172 | 675732 | 82.60 | ng | -0.01 |
| 78) Terphenyl-d14           | 20.02 | 244 | 927459 | 77.50 | ng | -0.01 |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88   | 49718    | 48.655 | ng    | 98     |
| 3) Pyridine                    | 3.92  | 79   | 134499   | 45.585 | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 3.84  | 42   | 58629    | 44.708 | ng    | # 92   |
| 6) Aniline                     | 7.37  | 93   | 178341   | 39.780 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.60  | 128  | 113450   | 43.753 | ng    | 96     |
| 9) Benzaldehyde                | 7.18  | 77   | 92191    | 40.381 | ng    | 98     |
| 10) Phenol                     | 7.22  | 94   | 152458   | 42.755 | ng    | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93   | 124205   | 37.656 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146  | 134455   | 42.296 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146  | 136877   | 42.075 | ng    | 96     |
| 14) 1,2-Dichlorobenzene        | 8.39  | 146  | 133042   | 42.201 | ng    | 96     |
| 15) Benzyl Alcohol             | 8.28  | 79   | 108938   | 38.858 | ng    | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45   | 259595   | 40.994 | ng    | 99     |
| 17) 2-Methylphenol             | 8.48  | 107  | 100026   | 40.271 | ng    | 95     |
| 18) Hexachloroethane           | 9.12  | 117  | 53331    | 44.548 | ng    | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.84  | 70   | 111674   | 38.854 | ng    | 92     |
| 20) 3+4-Methylphenols          | 8.81  | 107  | 143301   | 41.471 | ng    | 98     |
| 22) Acetophenone               | 8.86  | 105  | 183687   | 41.138 | ng    | 97     |
| 24) Nitrobenzene               | 9.24  | 77   | 158681   | 41.878 | ng    | 99     |
| 25) Isophorone                 | 9.76  | 82   | 267610   | 41.277 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.95  | 139  | 68233    | 45.178 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 10.01 | 122  | 95247    | 40.485 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93   | 161366   | 40.337 | ng    | 97     |
| 29) 2,4-Dichlorophenol         | 10.49 | 162  | 121392   | 44.511 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.70 | 180  | 140663   | 41.214 | ng    | 100    |
| 31) Naphthalene                | 10.89 | 128  | 373004   | 41.258 | ng    | 99     |
| 32) Benzoic acid               | 10.15 | 122  | 35595    | 23.172 | ng    | 99     |
| 33) 4-Chloroaniline            | 11.00 | 127  | 156192   | 37.998 | ng    | 97     |
| 34) Hexachlorobutadiene        | 11.17 | 225  | 97704    | 41.396 | ng    | 97     |
| 35) Caprolactam                | 11.78 | 113  | 46152    | 41.116 | ng    | 95     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107  | 139045   | 42.729 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 12.50 | 142  | 272459   | 39.570 | ng    | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216  | 171946   | 40.462 | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 12.84 | 237  | 72715    | 33.271 | ng    | 99     |

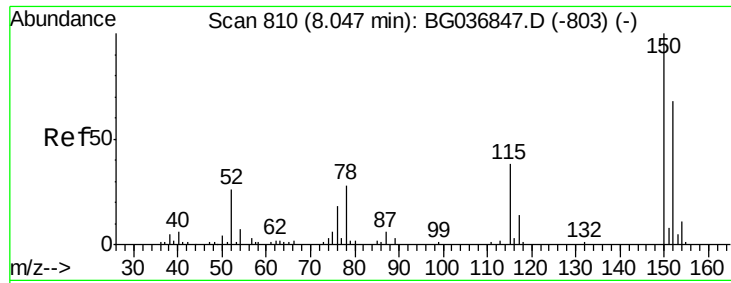
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100218\  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 24 10:41:23 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.10 | 196  | 100254   | 42.484 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.18 | 196  | 112031   | 44.523 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 13.50 | 154  | 385987   | 41.365 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.54 | 162  | 304716   | 41.525 | ng    | 98       |
| 47) 2-Nitroaniline             | 13.75 | 65   | 111463   | 43.915 | ng    | 97       |
| 48) Acenaphthylene             | 14.39 | 152  | 487652   | 42.408 | ng    | 98       |
| 49) Dimethylphthalate          | 14.12 | 163  | 392133   | 39.984 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.24 | 165  | 89506    | 41.830 | ng    | 97       |
| 51) Acenaphthene               | 14.73 | 154  | 287807   | 41.413 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.58 | 138  | 96892    | 42.971 | ng    | # 96     |
| 53) 2,4-Dinitrophenol          | 14.78 | 184  | 17811    | 23.713 | ng    | # 86     |
| 54) Dibenzofuran               | 15.06 | 168  | 487152   | 41.441 | ng    | 100      |
| 55) 4-Nitrophenol              | 14.88 | 139  | 60024    | 41.670 | ng    | 94       |
| 56) 2,4-Dinitrotoluene         | 15.03 | 165  | 128004   | 42.871 | ng    | 91       |
| 57) Fluorene                   | 15.71 | 166  | 367637   | 41.842 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 112459   | 44.057 | ng    | 97       |
| 59) Diethylphthalate           | 15.47 | 149  | 407313   | 41.177 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.70 | 204  | 223699   | 40.202 | ng    | 99       |
| 61) 4-Nitroaniline             | 15.74 | 138  | 98728    | 41.627 | ng    | 99       |
| 62) Azobenzene                 | 16.00 | 77   | 413471   | 43.503 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.79 | 198  | 63657    | 39.051 | ng    | 91       |
| 65) n-Nitrosodiphenylamine     | 15.92 | 169  | 357598   | 41.544 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.60 | 248  | 143263   | 40.396 | ng    | 98       |
| 67) Hexachlorobenzene          | 16.71 | 284  | 145020   | 39.704 | ng    | 98       |
| 68) Atrazine                   | 16.86 | 200  | 136315   | 39.112 | ng    | 97       |
| 69) Pentachlorophenol          | 17.06 | 266  | 87514    | 38.055 | ng    | 97       |
| 70) Phenanthrene               | 17.45 | 178  | 623501   | 41.498 | ng    | 99       |
| 71) Anthracene                 | 17.54 | 178  | 623679   | 41.979 | ng    | 100      |
| 72) Carbazole                  | 17.81 | 167  | 614454   | 42.419 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.36 | 149  | 693885   | 43.134 | ng    | 100      |
| 74) Fluoranthene               | 19.46 | 202  | 742563   | 41.058 | ng    | 99       |
| 76) Benzidine                  | 19.64 | 184  | 418284   | 43.972 | ng    | 99       |
| 77) Pyrene                     | 19.82 | 202  | 753591   | 39.908 | ng    | 100      |
| 79) Butylbenzylphthalate       | 20.70 | 149  | 321741   | 42.747 | ng    | 95       |
| 80) Benzo(a)anthracene         | 21.66 | 228  | 731617   | 39.829 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 276703   | 39.574 | ng    | 98       |
| 82) Chrysene                   | 21.73 | 228  | 715934   | 40.338 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 446383   | 42.453 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.76 | 149  | 751051   | 43.383 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.52 | 276  | 795007   | 41.713 | ng    | # 93     |
| 87) Benzo(b)fluoranthene       | 23.86 | 252  | 703040   | 40.570 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 23.93 | 252  | 696021   | 40.034 | ng    | 98       |
| 89) Benzo(a)pyrene             | 24.73 | 252  | 680374   | 40.611 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.59 | 278  | 646518   | 41.176 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 29.66 | 276  | 644993   | 40.931 | ng    | 98       |

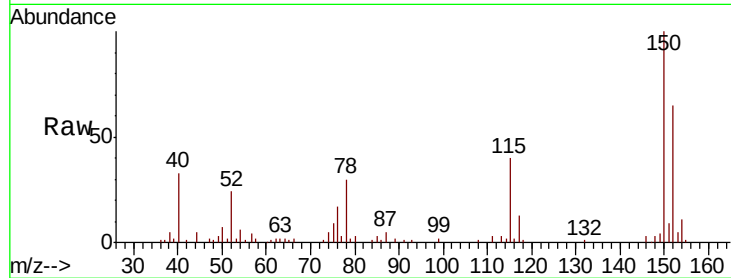
(#) = qualifier out of range (m) = manual integration (+) = signals summed



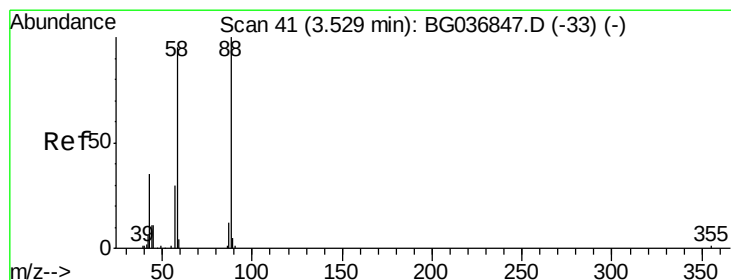
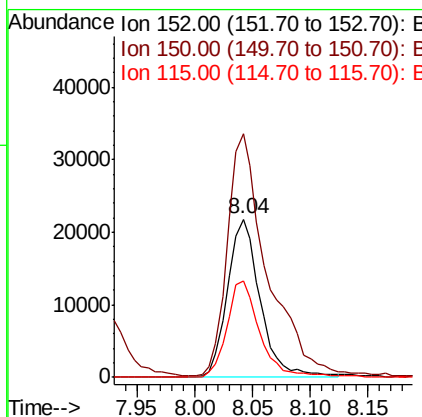
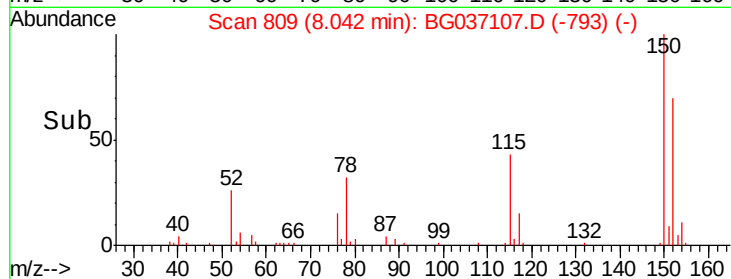


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.04 min Scan# 809  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

Tot Ion:152 Resp: 42827  
 Ion Ratio Lower Upper  
 152 100  
 150 154.1 119.5 179.3  
 115 61.4 44.5 66.7

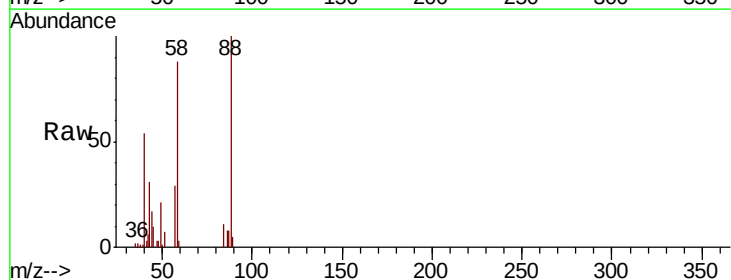


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

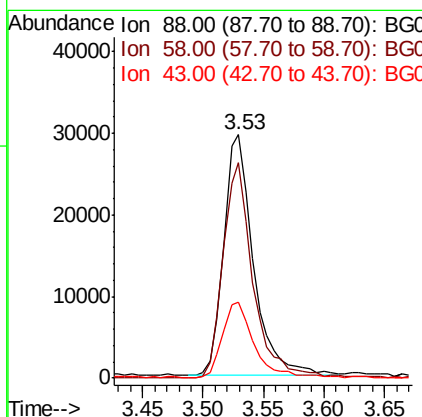
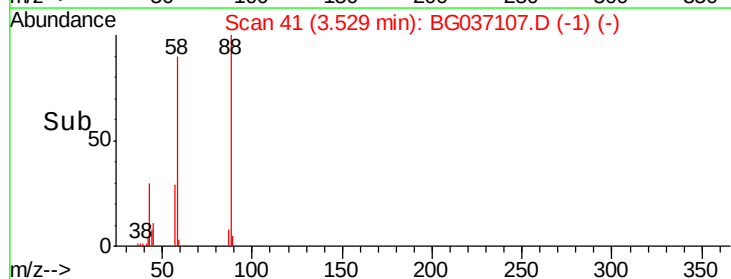


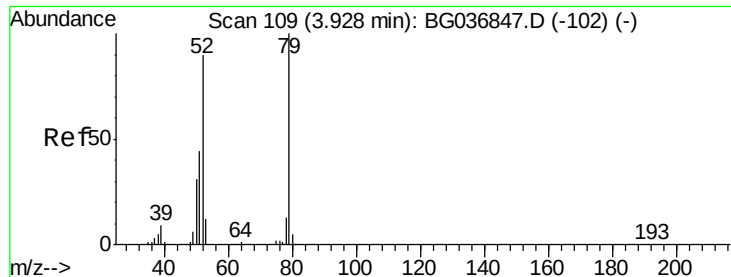
#2  
 1,4-Dioxane  
 Concen: 48.655 ng  
 RT: 3.53 min Scan# 41  
 Delta R.T. 0.00 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

Tgt Ion: 88 Resp: 49718  
 Ion Ratio Lower Upper  
 88 100  
 58 92.3 72.6 109.0  
 43 33.5 29.0 43.4



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





#3

Pvridine

Concen: 45.585 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

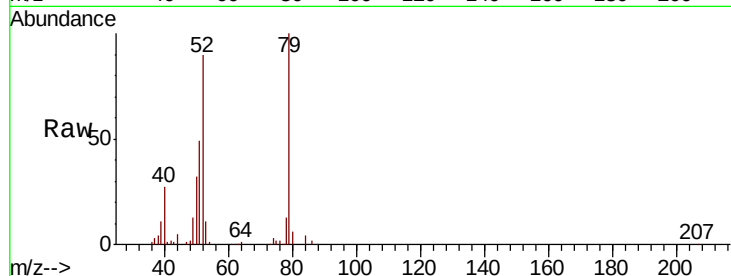
Tot Ion: 79 Resp: 134499

Ion Ratio Lower Upper

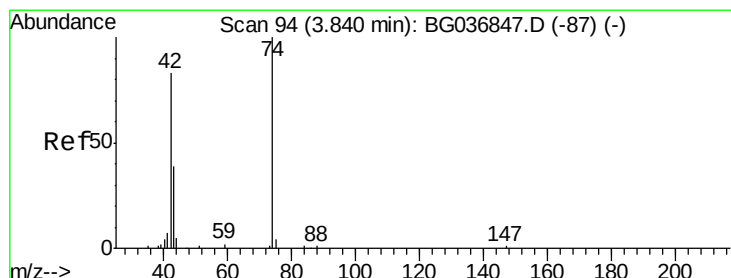
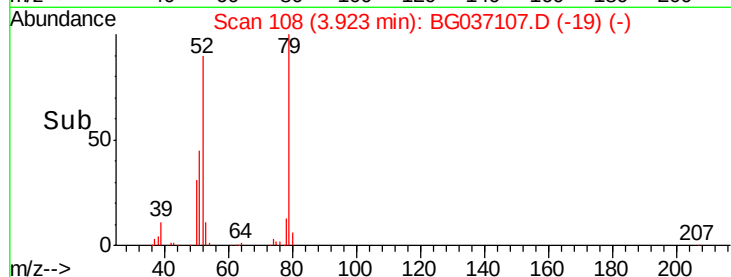
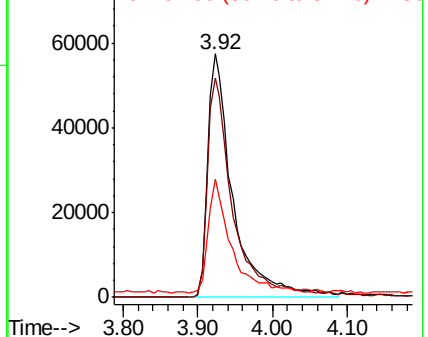
79 100

52 90.0 72.3 108.5

51 48.5 33.8 50.6



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



#4

n-Nitrosodimethylamine

Concen: 44.708 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

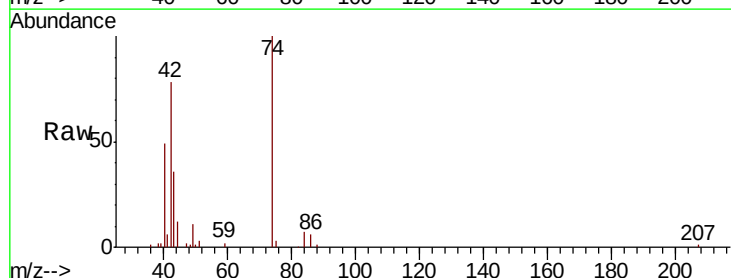
Tgt Ion: 42 Resp: 58629

Ion Ratio Lower Upper

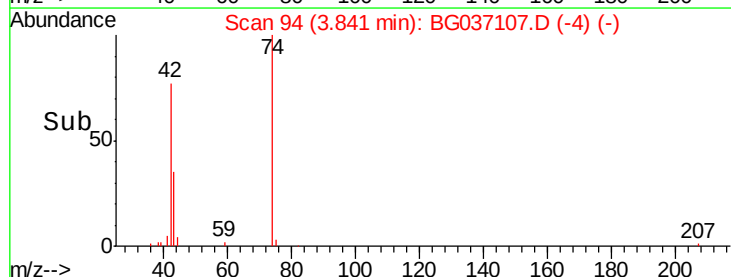
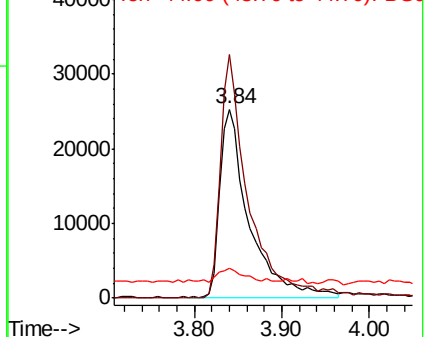
42 100

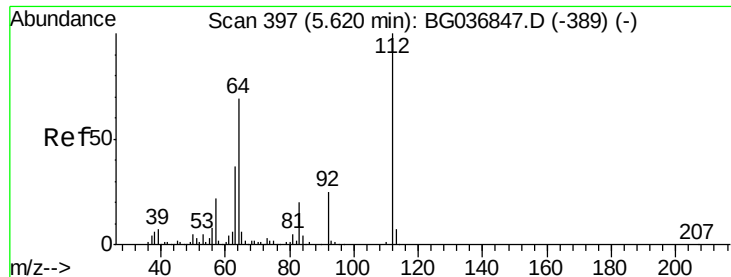
74 129.0 96.6 145.0

44 15.6 7.0 10.4#



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





#5

2-Fluorophenol

Concen: 90.751 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

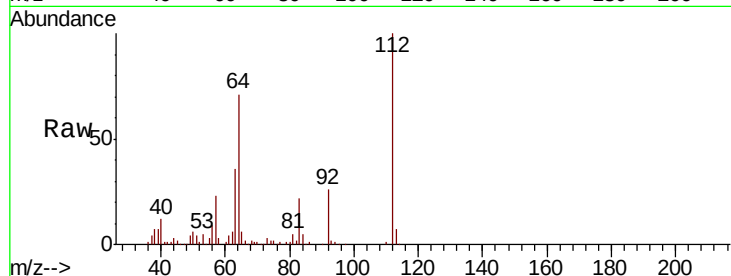
Tot Ion:112 Resp: 202661

Ion Ratio Lower Upper

112 100

64 71.2 57.2 85.8

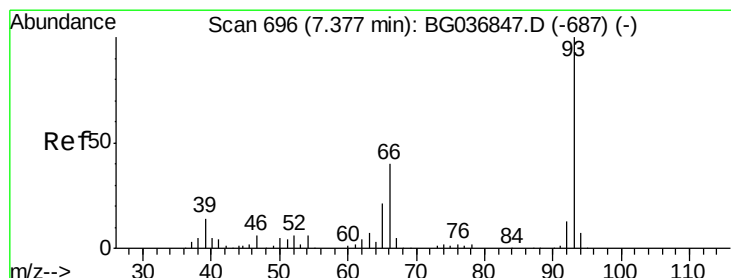
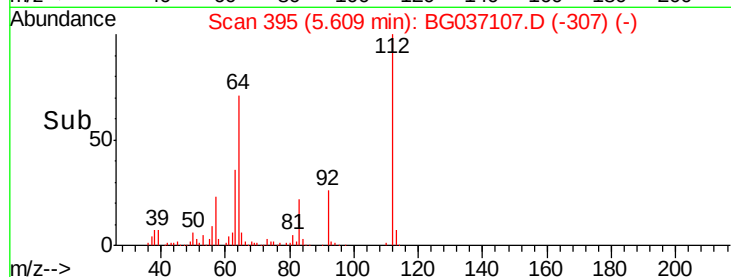
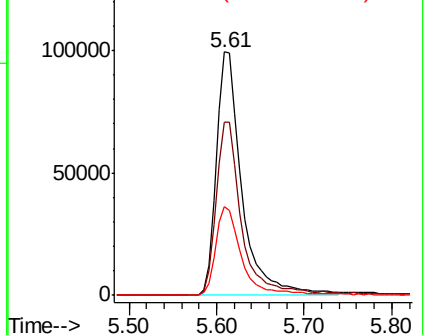
63 36.3 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.780 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

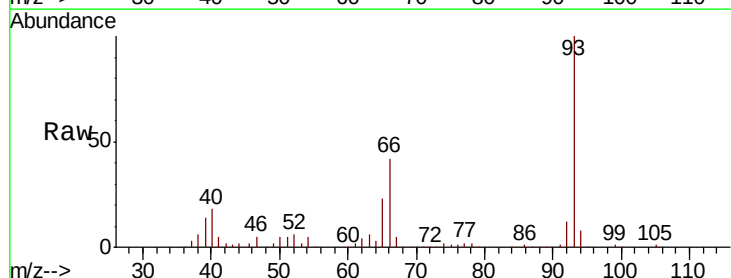
Tgt Ion: 93 Resp: 178341

Ion Ratio Lower Upper

93 100

66 42.2 35.0 52.4

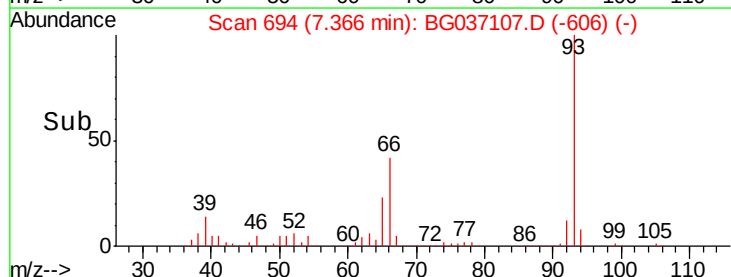
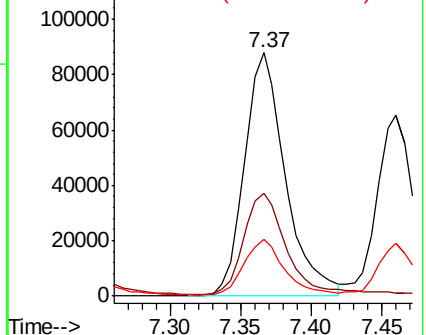
65 23.2 17.6 26.4

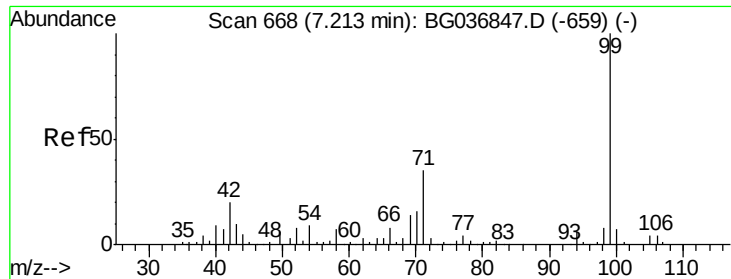


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.772 ng

RT: 7.20 min Scan# 666

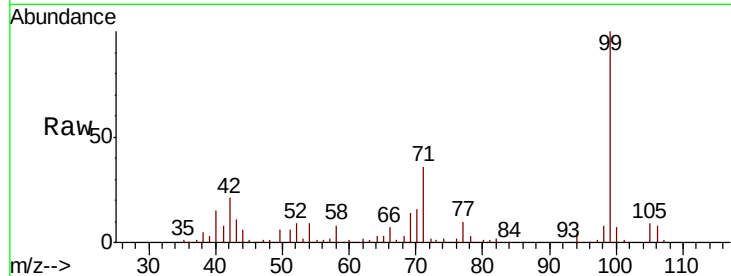
Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

Tot Ion: 99 Resp: 296349

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.8  | 16.5  | 24.7  |
| 71  | 36.1  | 29.4  | 44.2  |

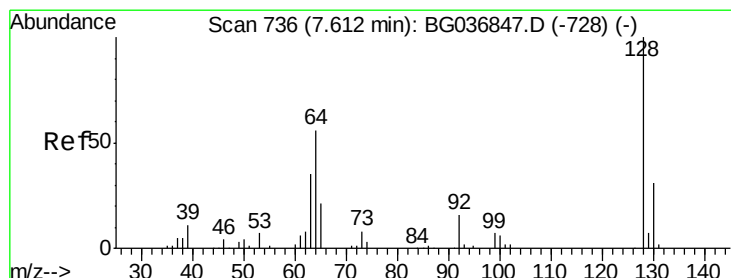
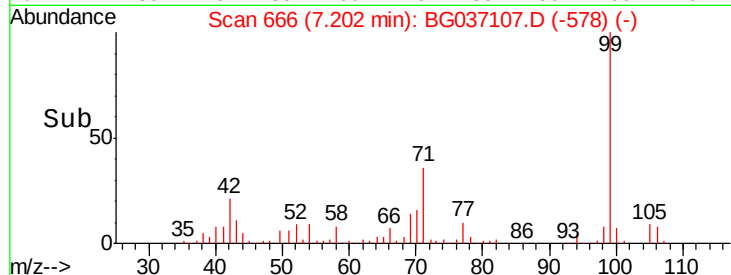
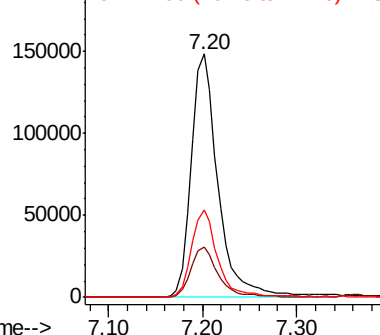


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.753 ng

RT: 7.60 min Scan# 734

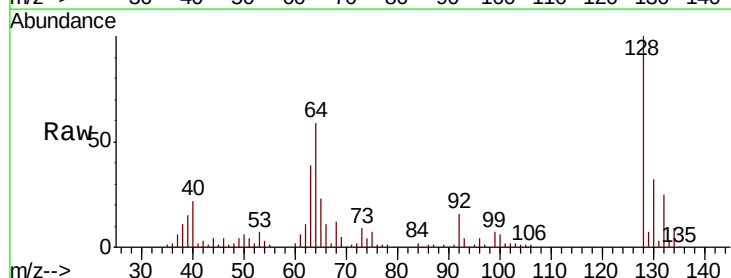
Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

Tgt Ion: 128 Resp: 113450

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.8  | 10.0  | 50.0  |
| 64  | 59.1  | 36.0  | 76.0  |

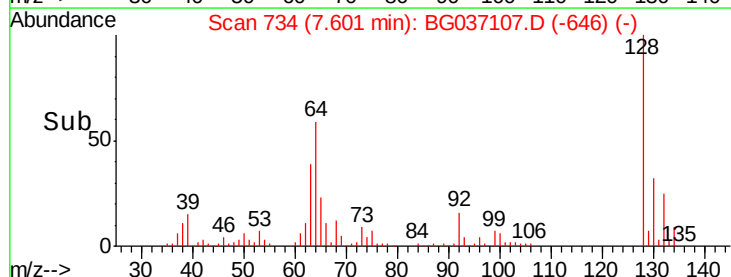
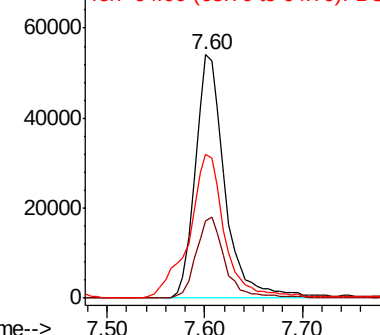


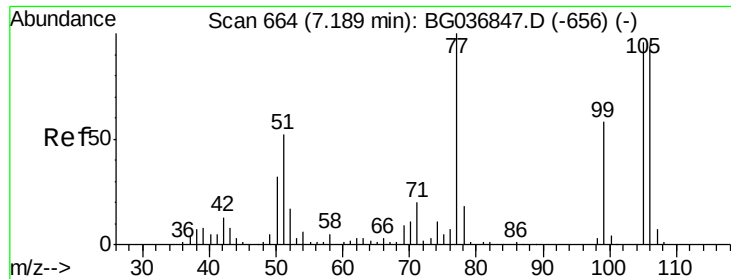
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.381 ng

RT: 7.18 min Scan# 662

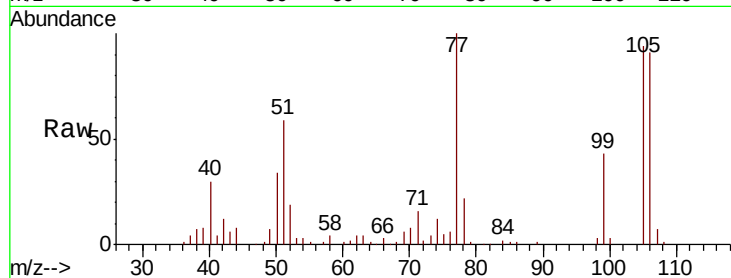
Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

Tot Ion: 77 Resp: 92191

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 93.8  | 70.5  | 110.5 |
| 106 | 90.9  | 69.8  | 109.8 |

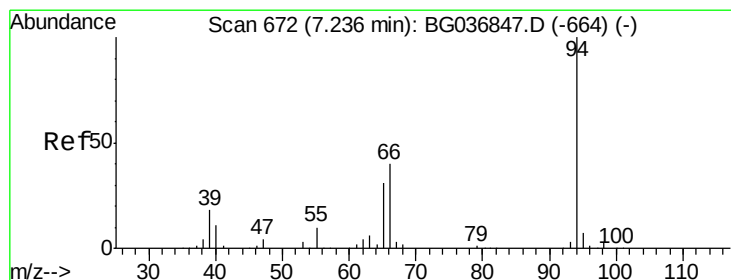
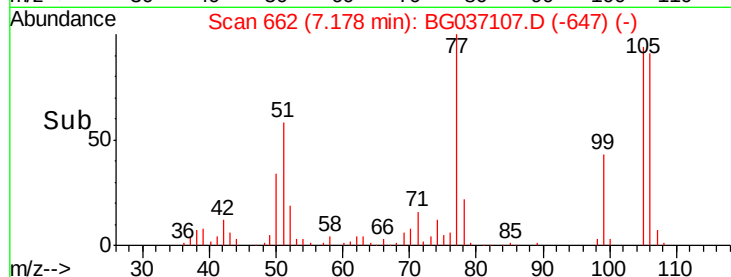
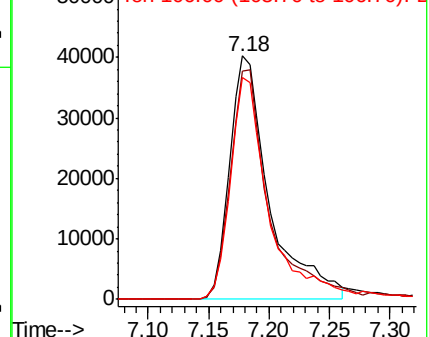


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.755 ng

RT: 7.22 min Scan# 670

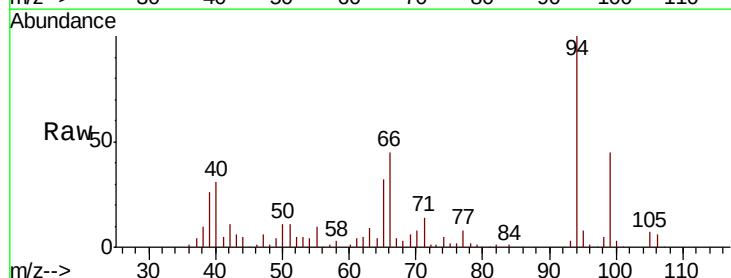
Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

Tgt Ion: 94 Resp: 152458

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 32.4  | 11.5  | 51.5  |
| 66  | 45.0  | 19.5  | 59.5  |

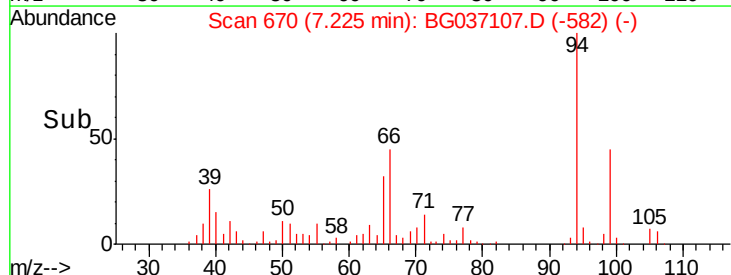
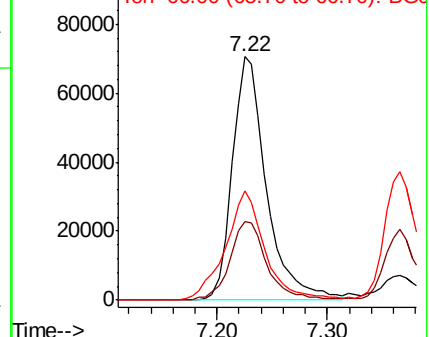


Abundance

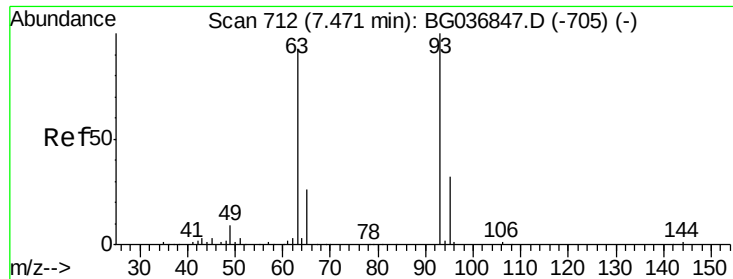
Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

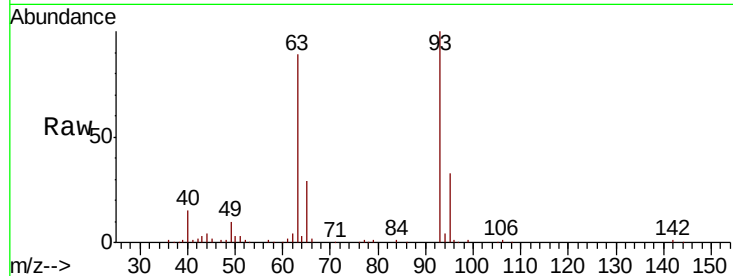




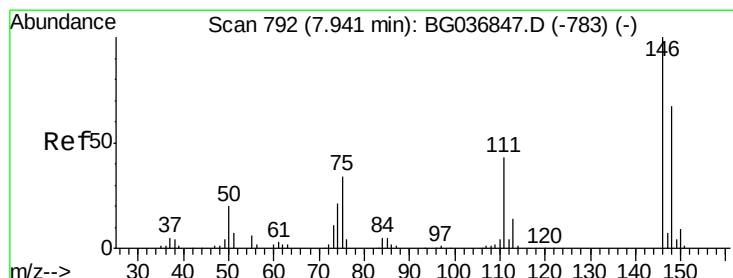
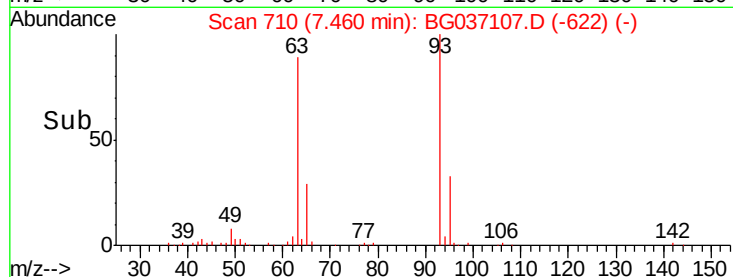
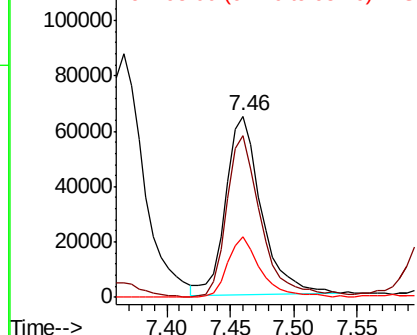


#11  
bis(2-Chloroethyl)ether  
Concen: 37.656 ng  
RT: 7.46 min Scan# 710  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 124205 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 89.2  | 69.9  | 109.9  |
| 95       | 33.2  | 11.7  | 51.7   |

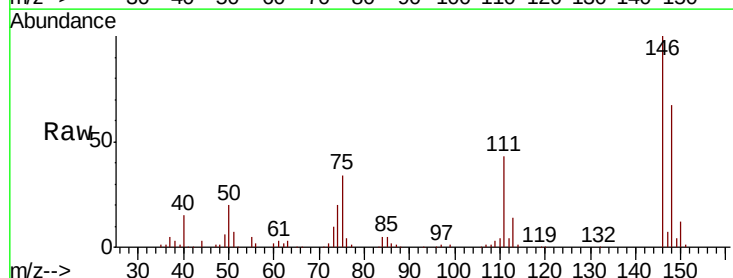


Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC

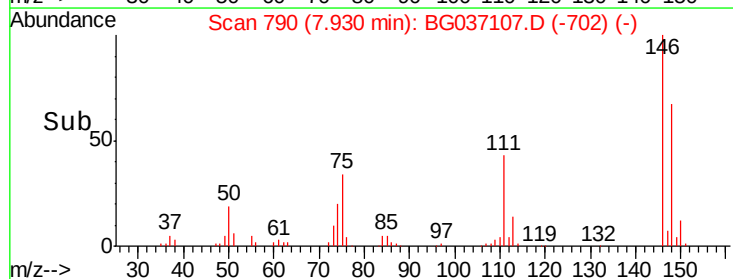
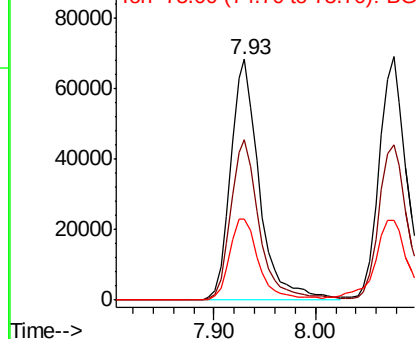


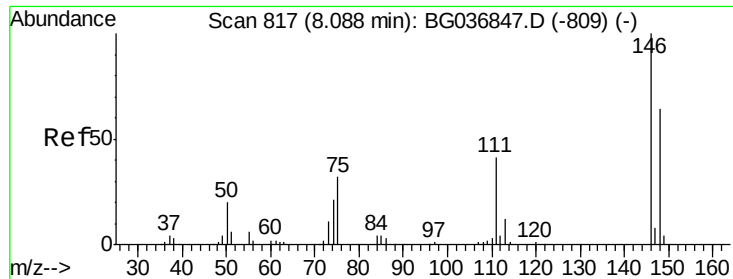
#12  
1,3-Dichlorobenzene  
Concen: 42.296 ng  
RT: 7.93 min Scan# 790  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 134455 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 66.6  | 53.8  | 80.6   |
| 75       | 33.9  | 27.2  | 40.8   |



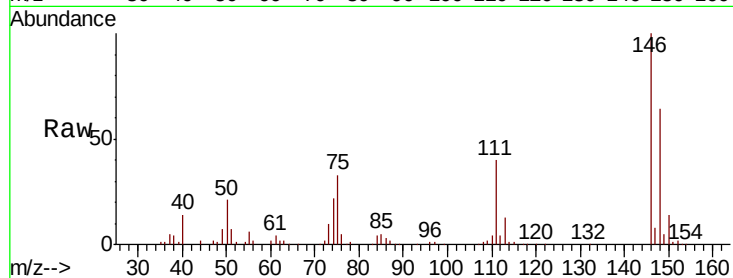
Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BGC



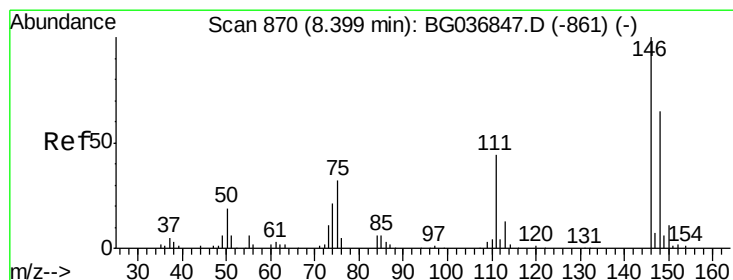
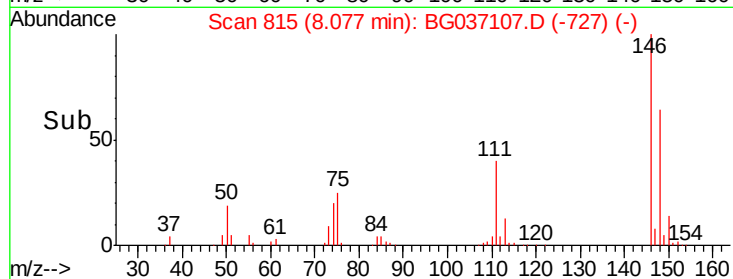
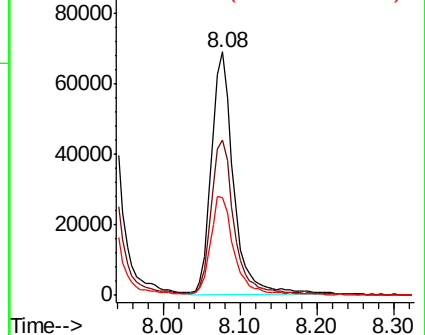


#13  
 1,4-Dichlorobenzene  
 Concen: 42.075 ng  
 RT: 8.08 min Scan# 815  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 53.9  | 80.9  |
| 111     | 40.1  | 33.8  | 50.6  |

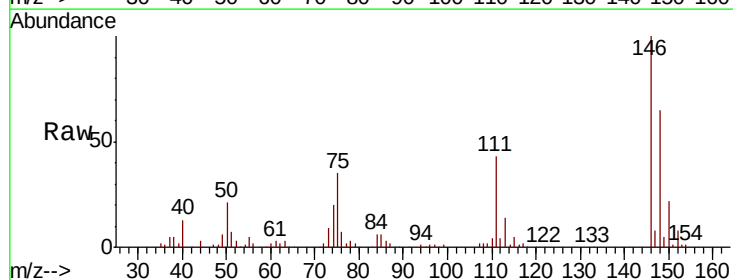


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

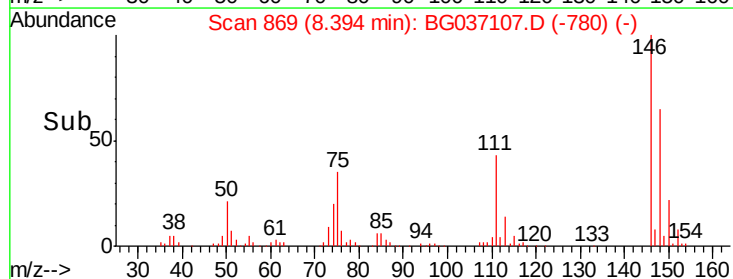
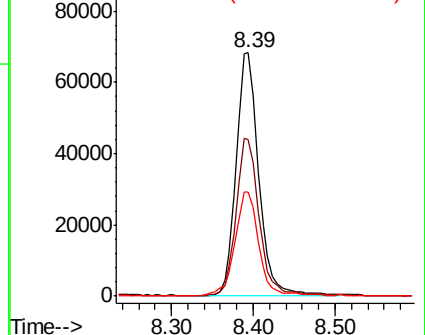


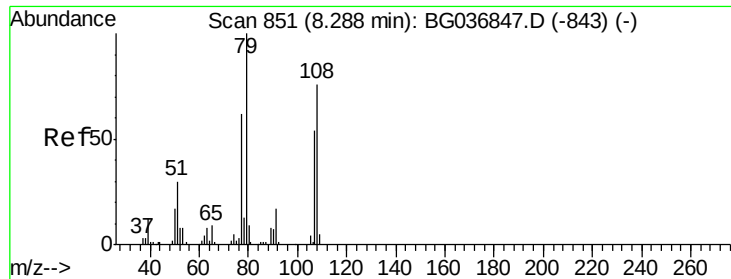
#14  
 1,2-Dichlorobenzene  
 Concen: 42.201 ng  
 RT: 8.39 min Scan# 869  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 55.0  | 82.6  |
| 111     | 42.6  | 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: 38.858 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

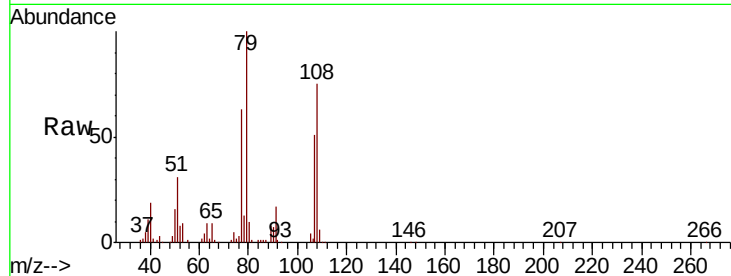
Tot Ion: 79 Resp: 108938

Ion Ratio Lower Upper

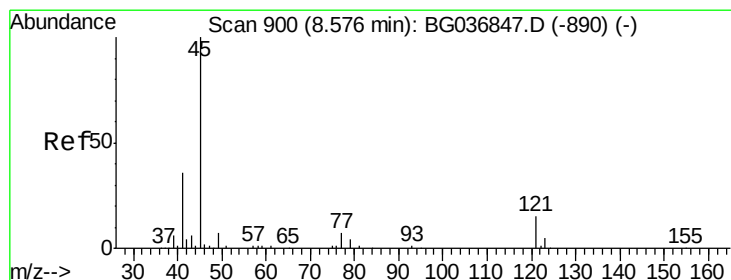
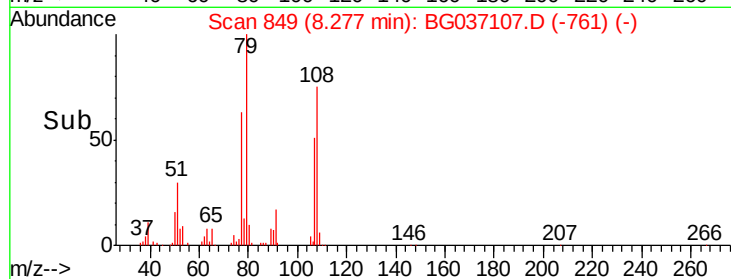
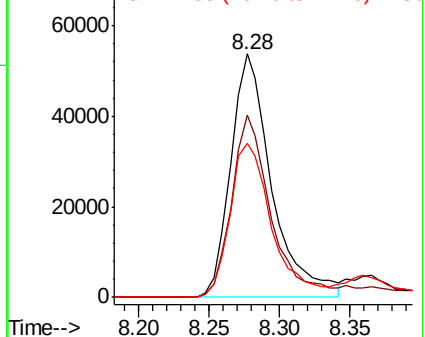
79 100

108 74.8 55.9 83.9

77 63.1 50.0 75.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.994 ng

RT: 8.56 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

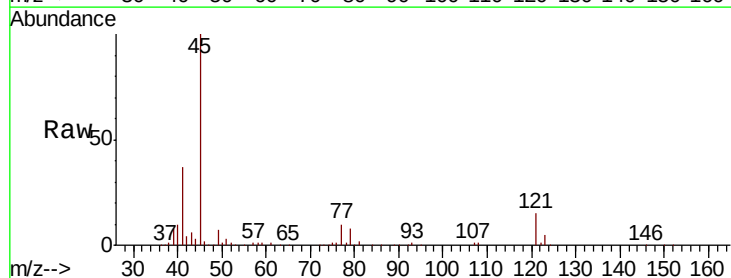
Tgt Ion: 45 Resp: 259595

Ion Ratio Lower Upper

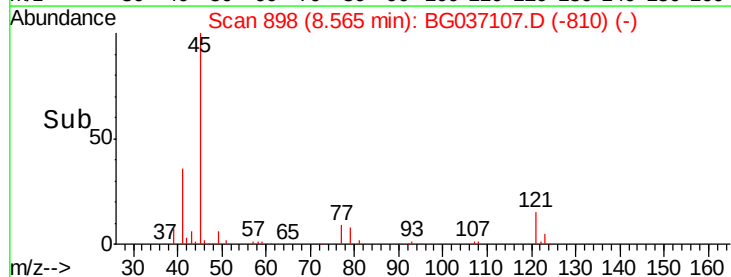
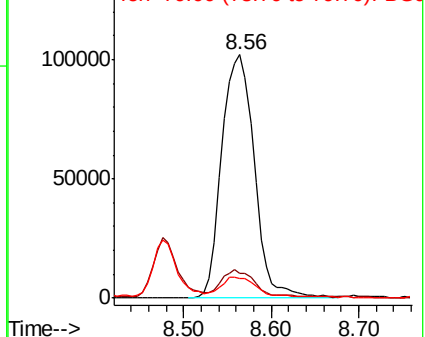
45 100

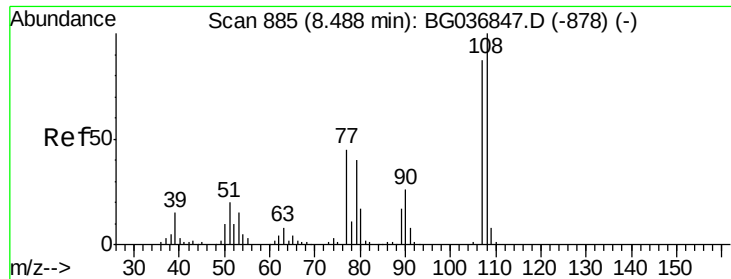
77 10.0 0.0 30.5

79 8.3 0.0 27.9



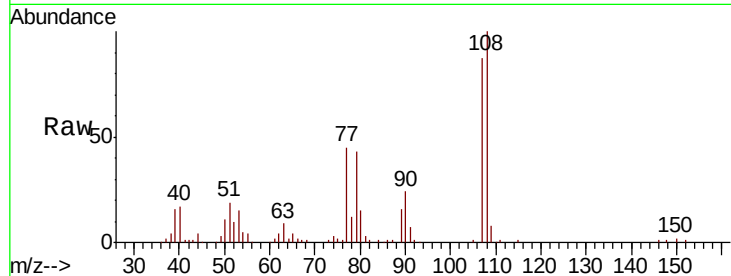
Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC





#17  
2-Methylphenol  
Concen: 40.271 ng  
RT: 8.48 min Scan# 883  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 100026 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.5 | 86.7  | 130.1  |
| 77       | 51.8  | 39.0  | 58.4   |
| 79       | 49.3  | 36.6  | 54.8   |



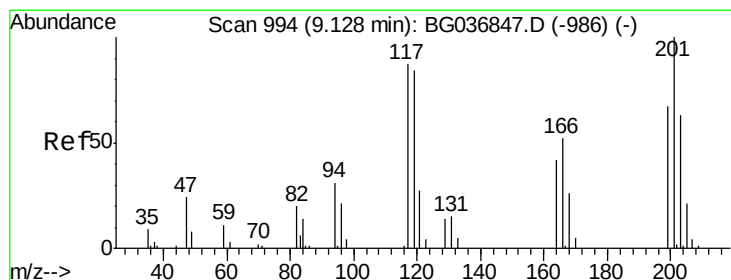
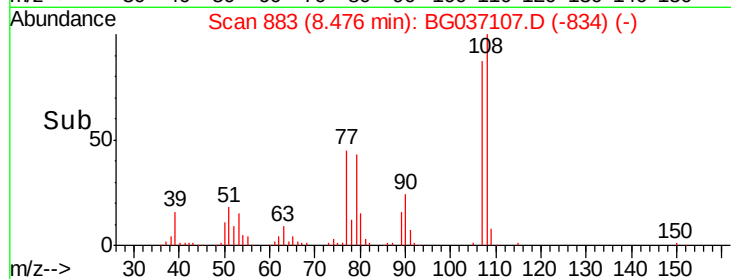
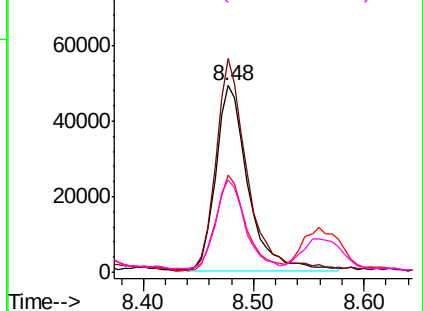
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

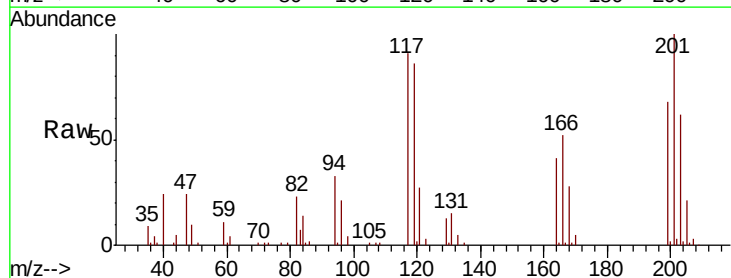
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 44.548 ng  
RT: 9.12 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 53331 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.9  | 76.8  | 115.2 |
| 201      | 110.3 | 85.7  | 128.5 |

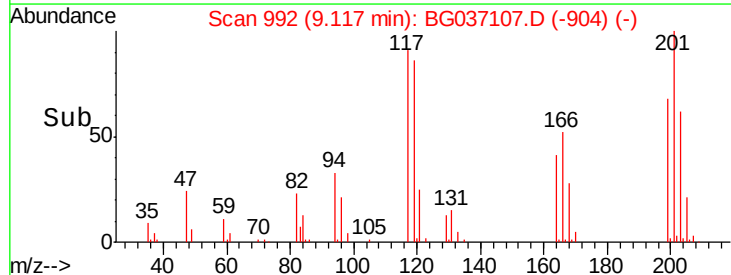
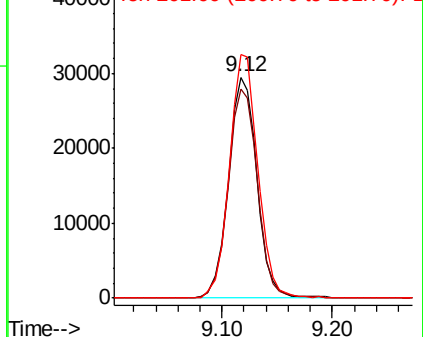


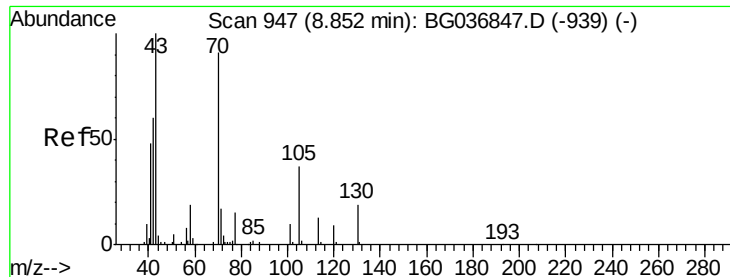
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

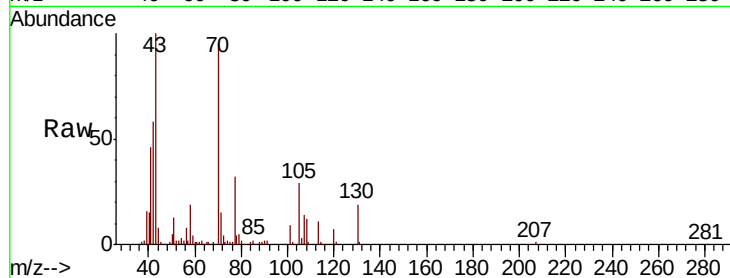
Ion 201.00 (200.70 to 201.70): E



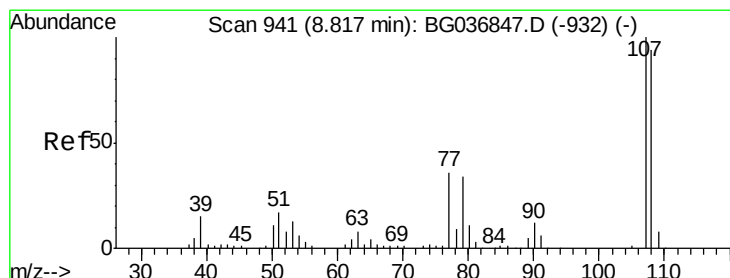
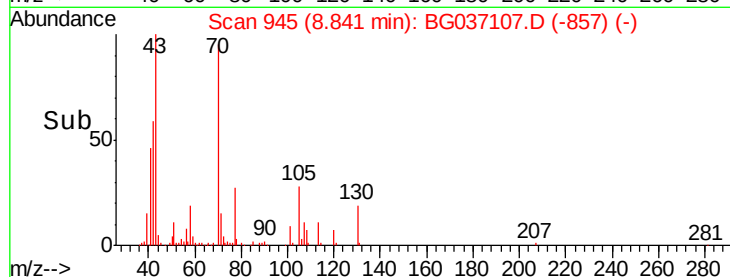
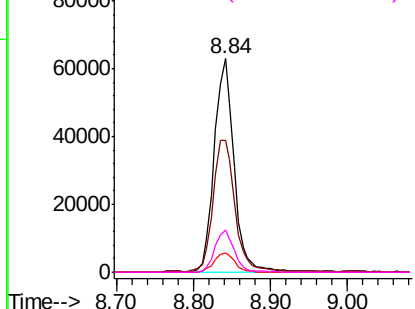


#19  
n-Nitroso-di-n-propylamine  
Concen: 38.854 ng  
RT: 8.84 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

Tot Ion: 70 Resp: 111674  
Ion Ratio Lower Upper  
70 100  
42 61.6 56.2 84.4  
101 9.2 7.8 11.6  
130 20.1 16.2 24.2

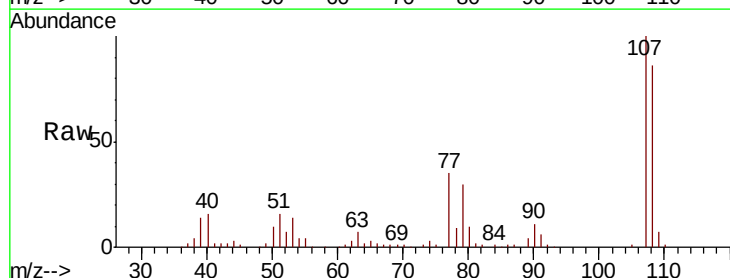


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

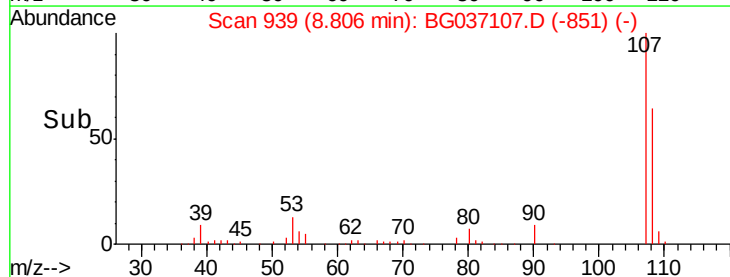
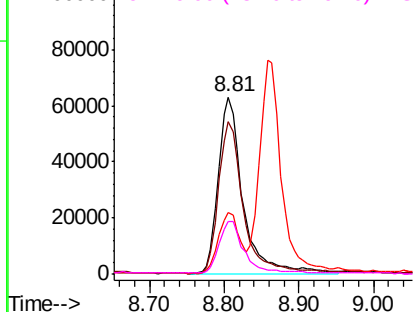


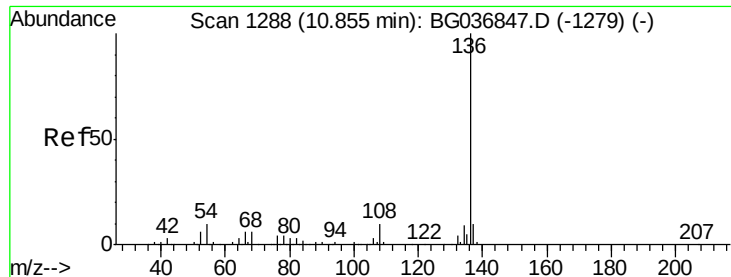
#20  
3+4-Methylphenols  
Concen: 41.471 ng  
RT: 8.81 min Scan# 939  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

Tgt Ion: 107 Resp: 143301  
Ion Ratio Lower Upper  
107 100  
108 86.0 68.0 108.0  
77 34.7 15.6 55.6  
79 29.8 9.9 49.9



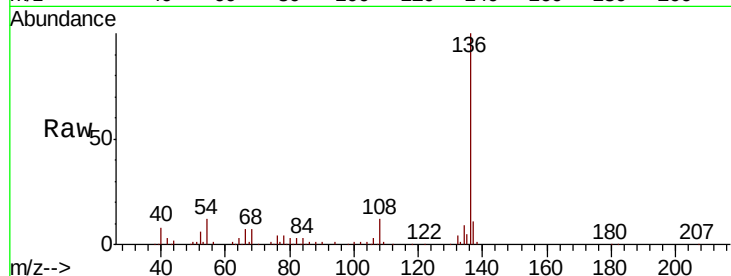
Abundance Ion 107.00 (106.70 to 107.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC



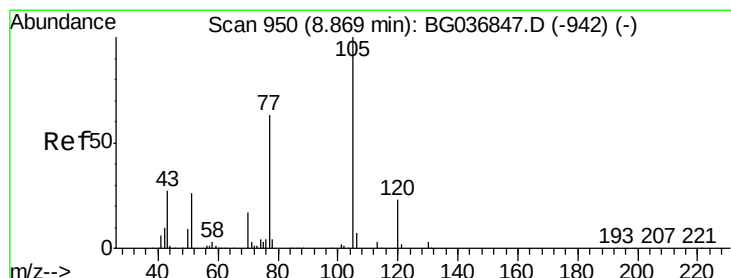
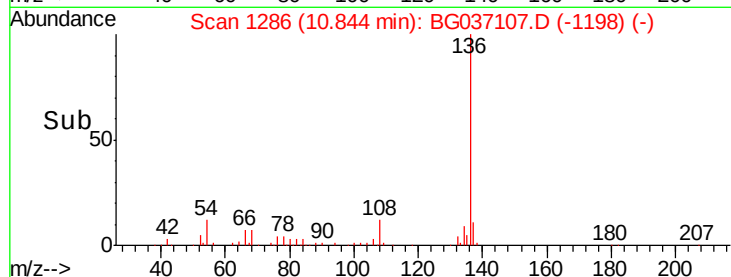
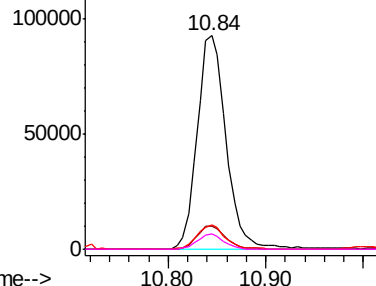


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.84 min Scan# 1286  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 190007 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.1    | 8.8   | 13.2   |
| 54 11.7     | 9.2   | 13.8   |
| 68 7.4      | 5.8   | 8.6    |

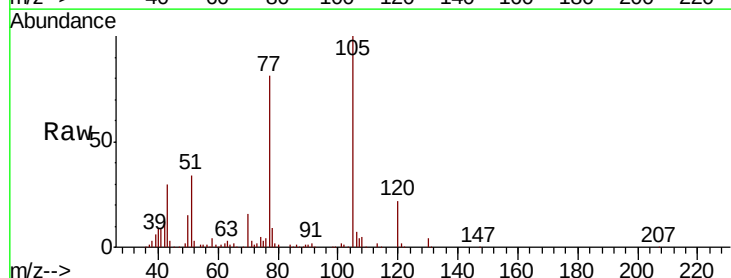


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

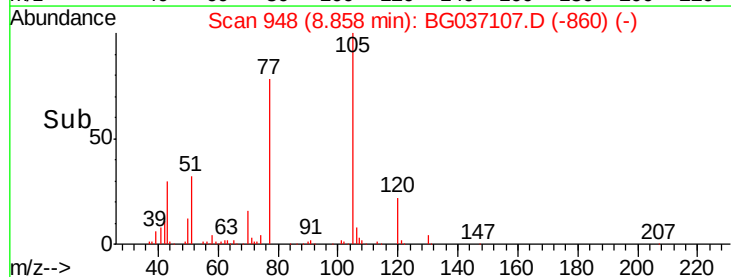
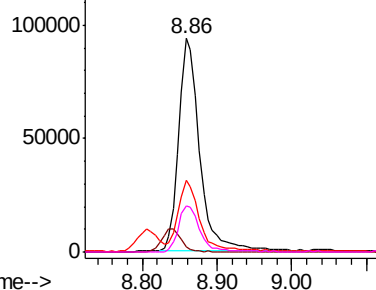


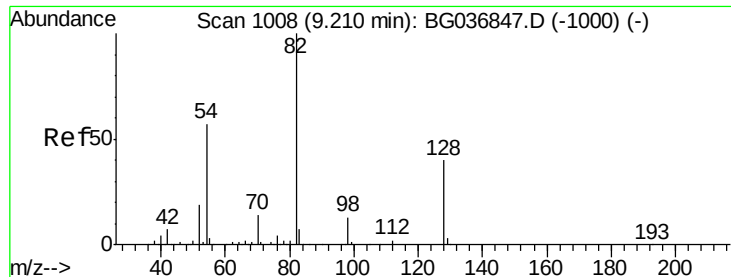
#22  
Acetophenone  
Concen: 41.138 ng  
RT: 8.86 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 183687 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 2.7     | 2.4   | 3.6    |
| 51  | 33.7    | 25.9  | 38.9   |
| 120 | 21.7    | 19.4  | 29.0   |



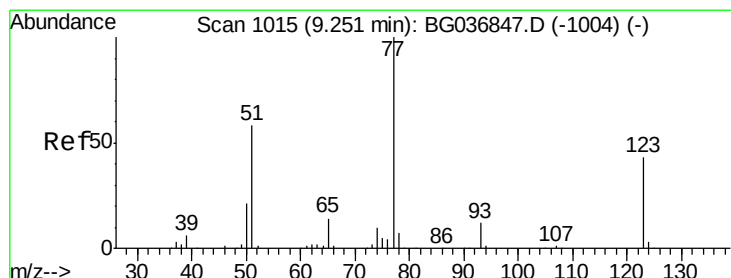
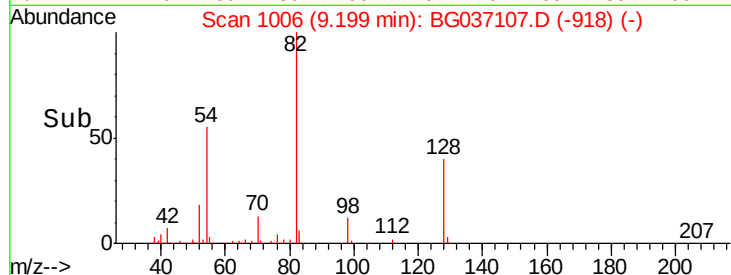
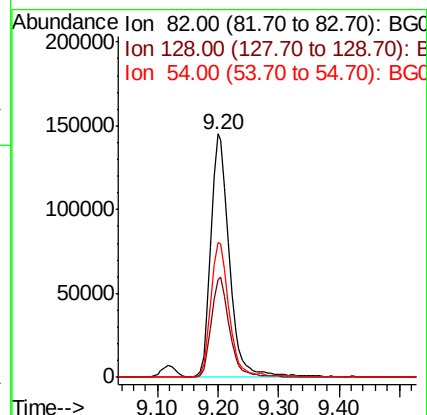
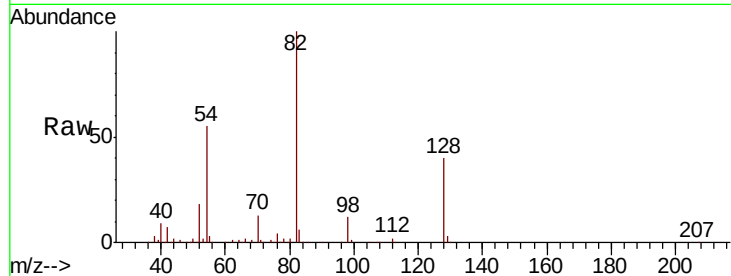
Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E





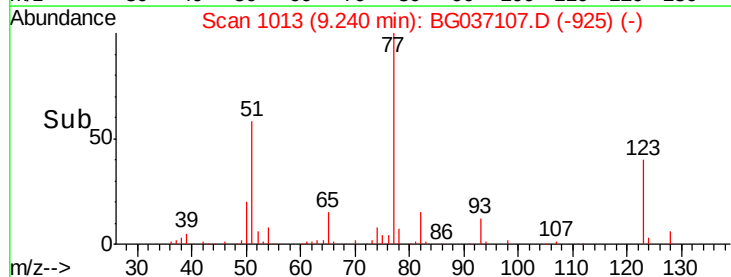
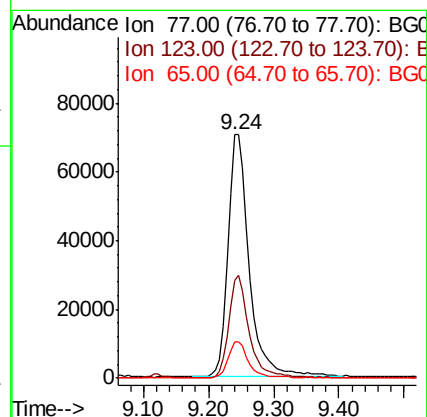
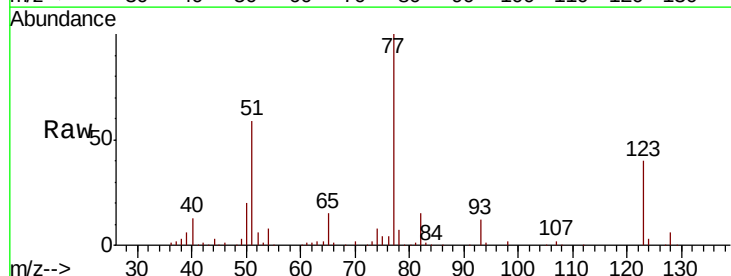
#23  
 Nitrobenzene-d5  
 Concen: 87.198 ng  
 RT: 9.20 min Scan# 1006  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

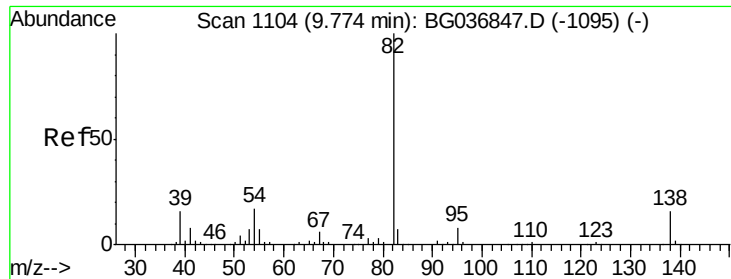
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.4  | 33.3  | 49.9  |
| 54      | 55.4  | 45.1  | 67.7  |



#24  
 Nitrobenzene  
 Concen: 41.878 ng  
 RT: 9.24 min Scan# 1013  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 40.1  | 32.4  | 48.6  |
| 65      | 14.9  | 11.5  | 17.3  |





#25

Isophorone

Concen: 41.277 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

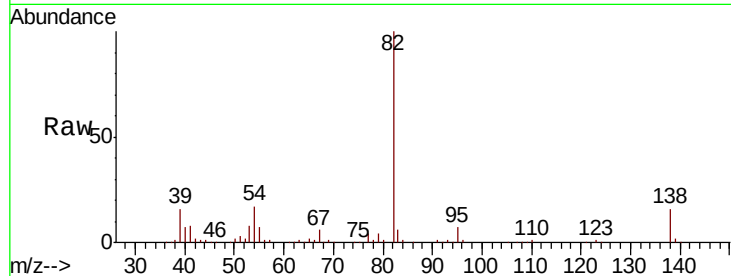
Tot Ion: 82 Resp: 267610

Ion Ratio Lower Upper

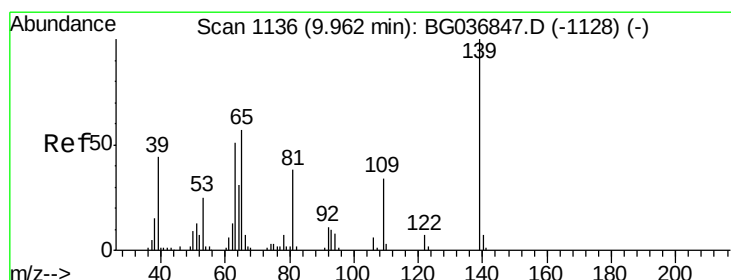
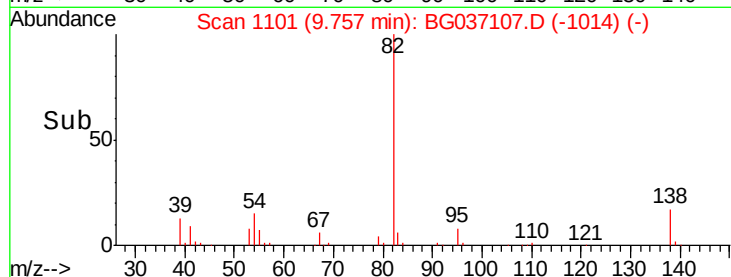
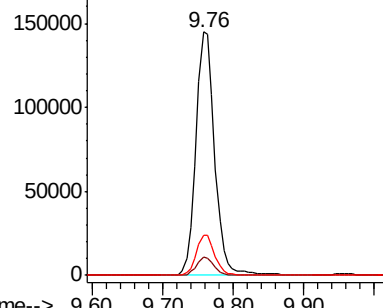
82 100

95 7.3 5.8 8.8

138 16.4 12.9 19.3



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: 45.178 ng

RT: 9.95 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

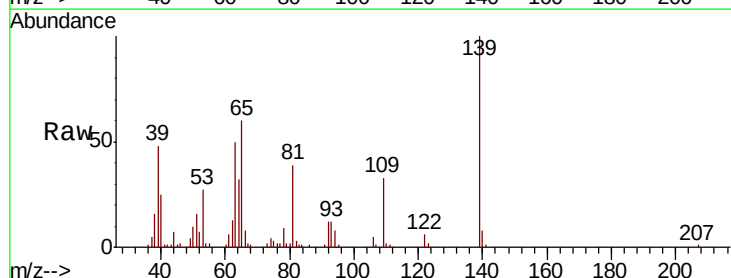
Tgt Ion: 139 Resp: 68233

Ion Ratio Lower Upper

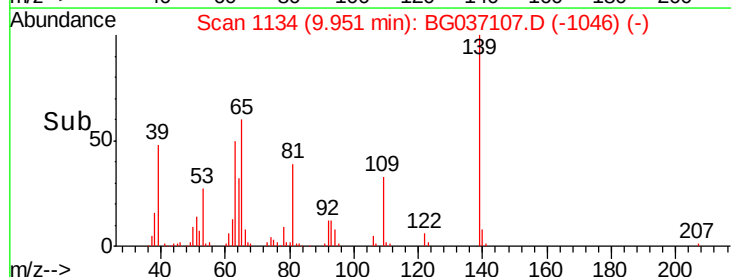
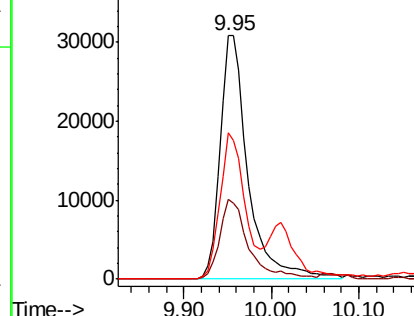
139 100

109 32.8 27.4 41.0

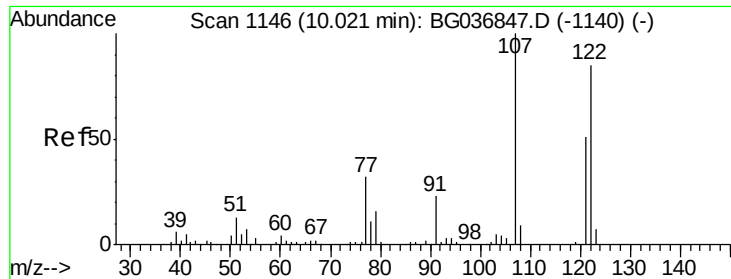
65 59.9 47.8 71.6



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

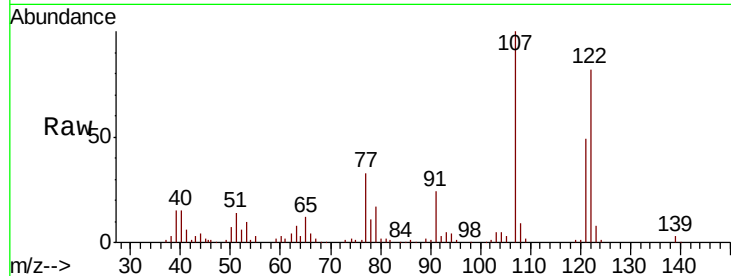




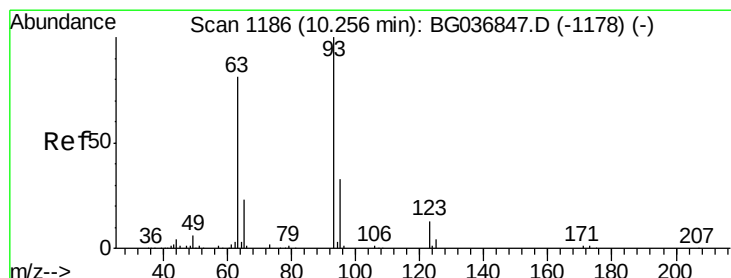
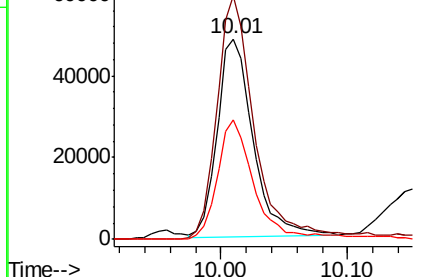
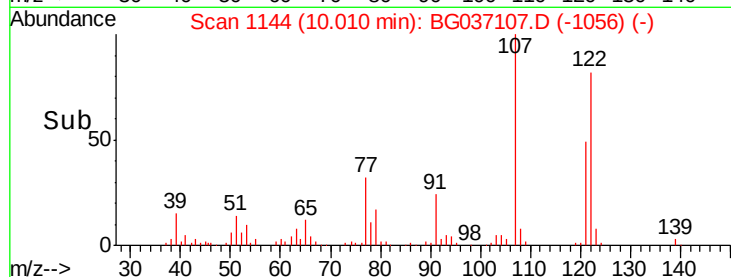


#27  
 2,4-Dimethylphenol  
 Concen: 40.485 ng  
 RT: 10.01 min Scan# 1144  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

Tot Ion:122 Resp: 95247  
 Ion Ratio Lower Upper  
 122 100  
 107 121.4 96.0 144.0  
 121 59.6 48.2 72.4

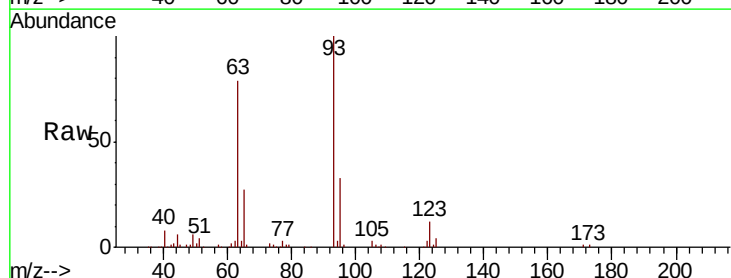


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

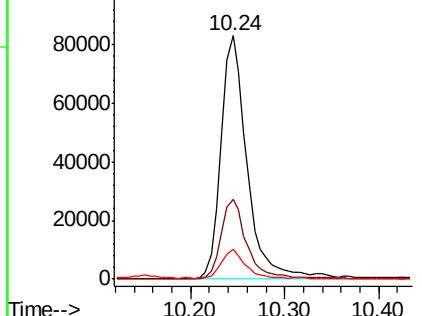
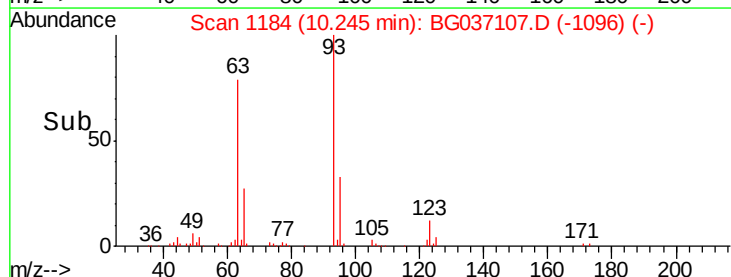


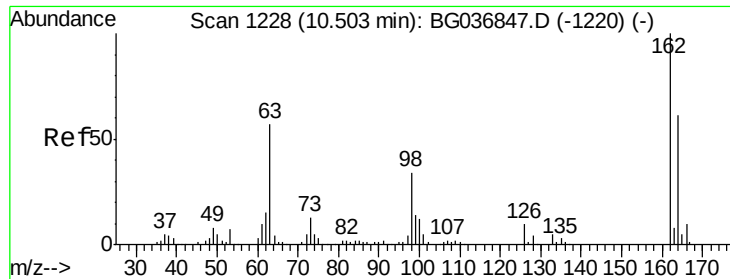
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.337 ng  
 RT: 10.24 min Scan# 1184  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

Tgt Ion: 93 Resp: 161366  
 Ion Ratio Lower Upper  
 93 100  
 95 33.0 25.2 37.8  
 123 12.0 8.6 12.8



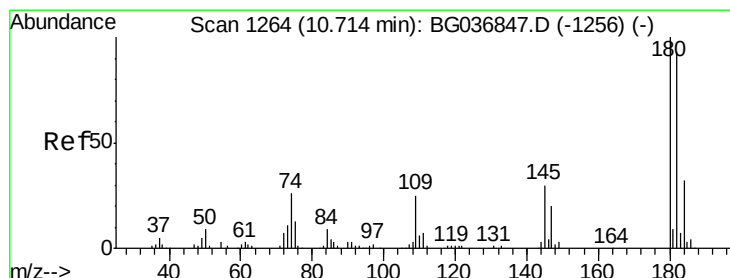
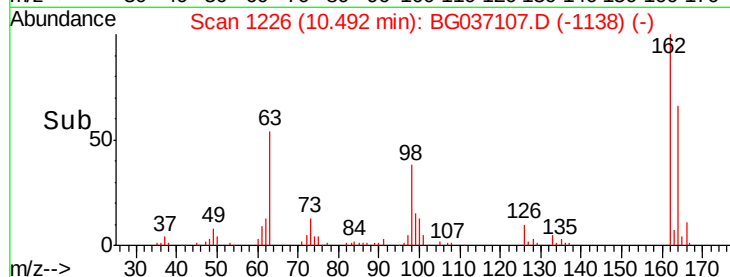
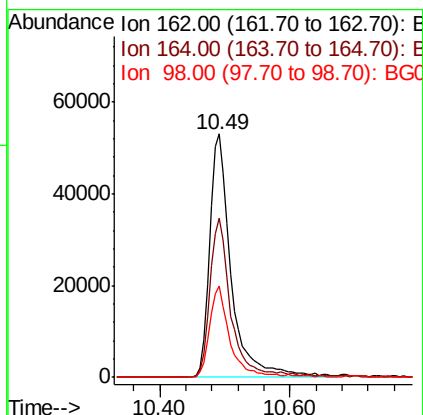
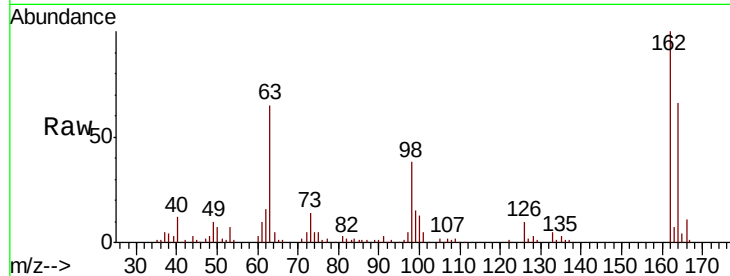
Abundance Ion 93.00 (92.70 to 93.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC  
 Ion 123.00 (122.70 to 123.70): E





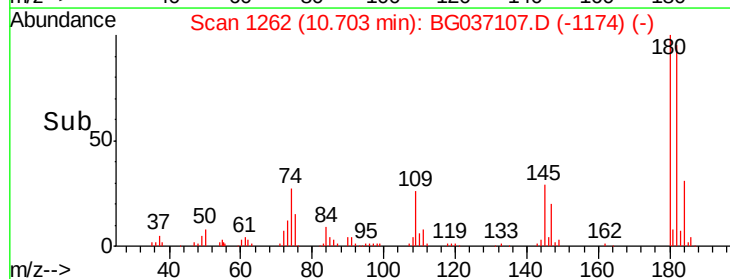
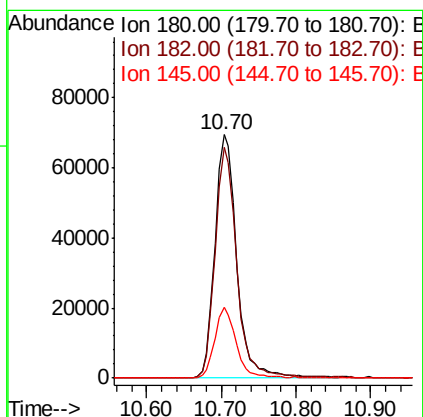
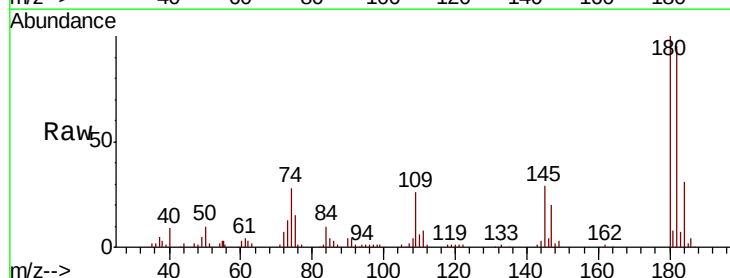
#29  
 2,4-Dichlorophenol  
 Concen: 44.511 ng  
 RT: 10.49 min Scan# 1226  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

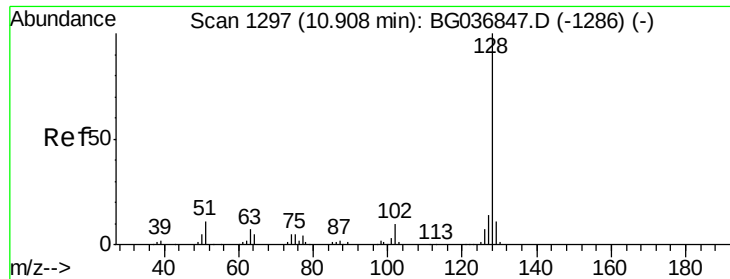
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.5  | 47.6  | 87.6  |
| 98      | 37.7  | 19.2  | 59.2  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.214 ng  
 RT: 10.70 min Scan# 1262  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

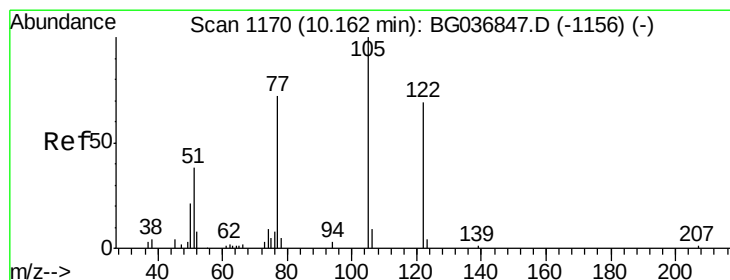
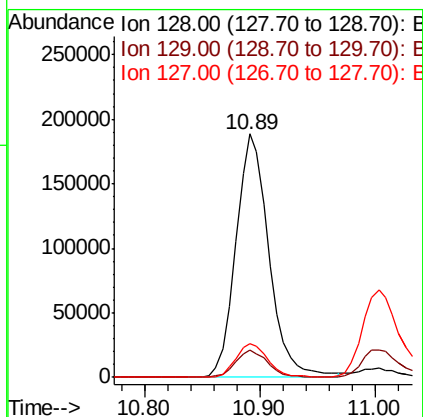
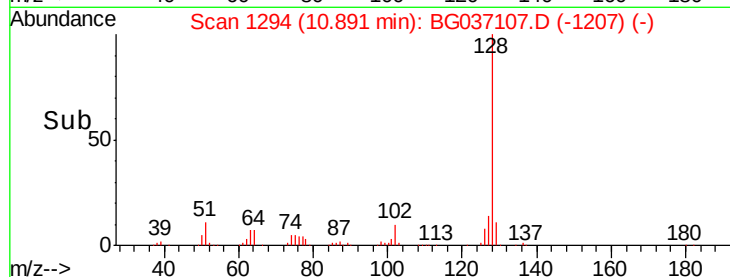
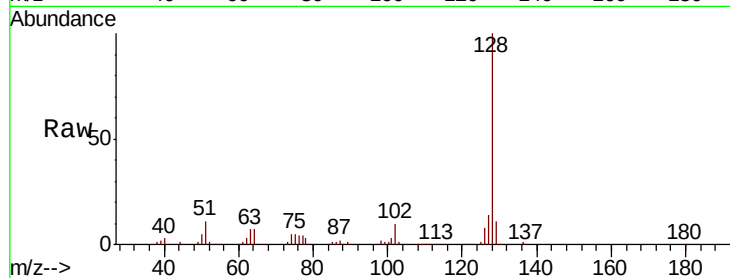
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 76.0  | 114.0 |
| 145     | 29.3  | 22.9  | 34.3  |





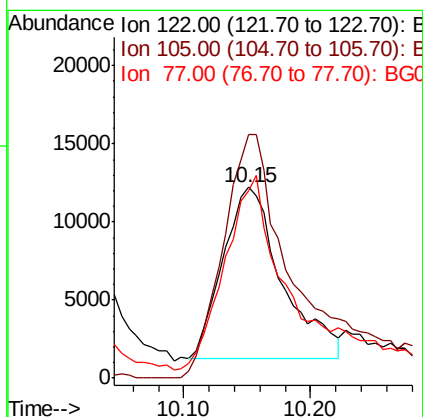
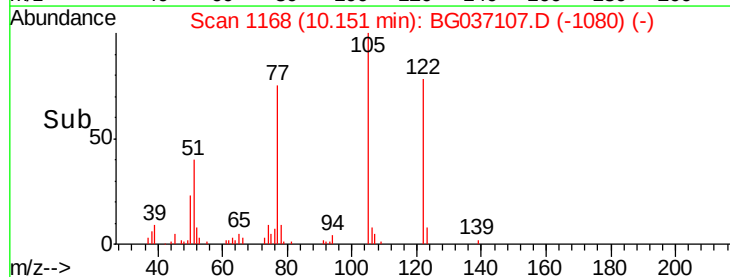
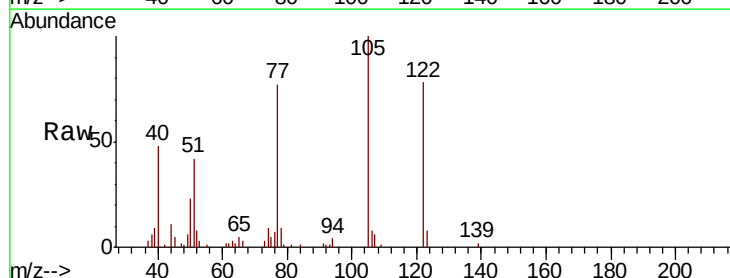
#31  
Naphthalene  
Concen: 41.258 ng  
RT: 10.89 min Scan# 1294  
Delta R.T. -0.02 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

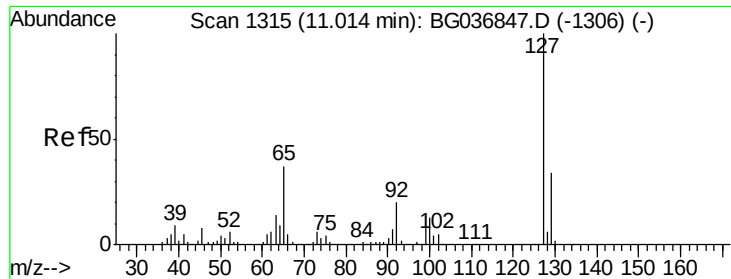
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 9.4   | 14.2  |
| 127     | 14.0  | 11.0  | 16.4  |



#32  
Benzoic acid  
Concen: 23.172 ng  
RT: 10.15 min Scan# 1168  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

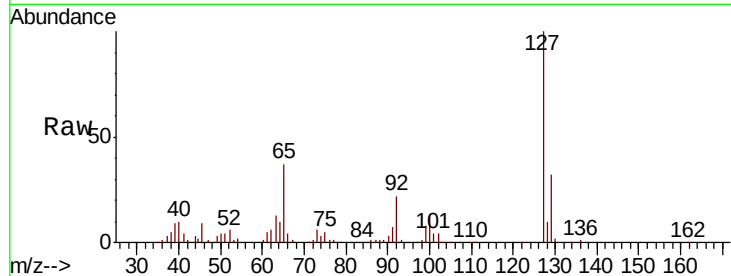
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 127.6 | 108.1 | 148.1 |
| 77      | 97.9  | 76.3  | 116.3 |



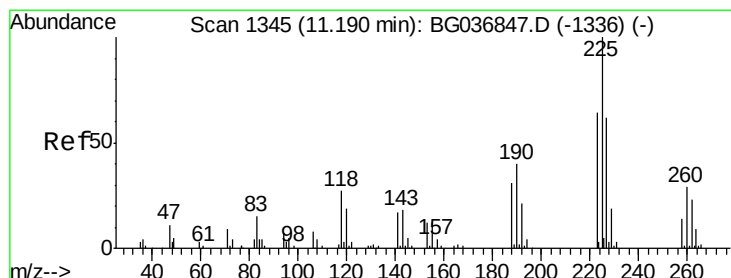
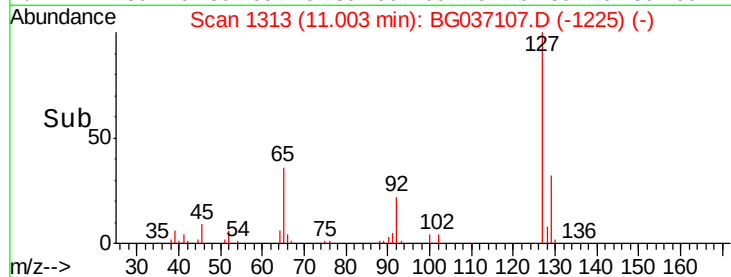
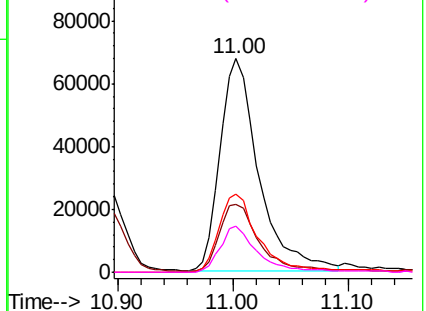


#33  
4-Chloroaniline  
Concen: 37.998 ng  
RT: 11.00 min Scan# 1313  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 156192 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 25.9  | 38.9   |
| 65       | 36.5  | 27.5  | 41.3   |
| 92       | 21.9  | 16.2  | 24.2   |

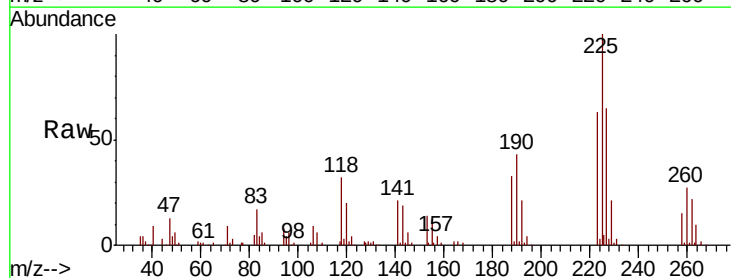


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

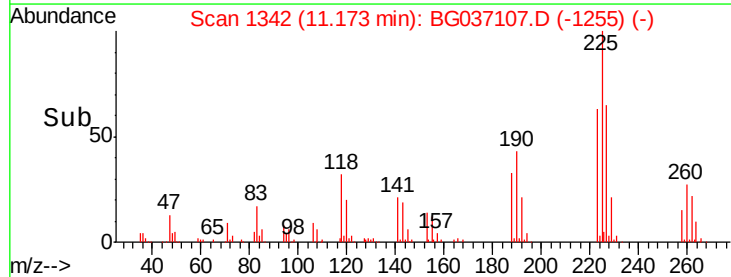
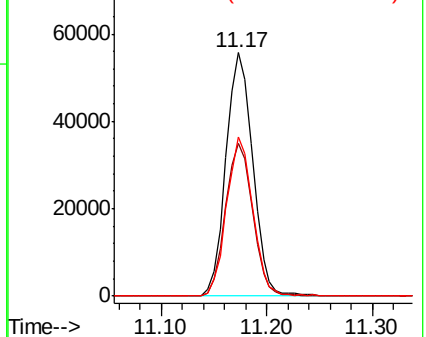


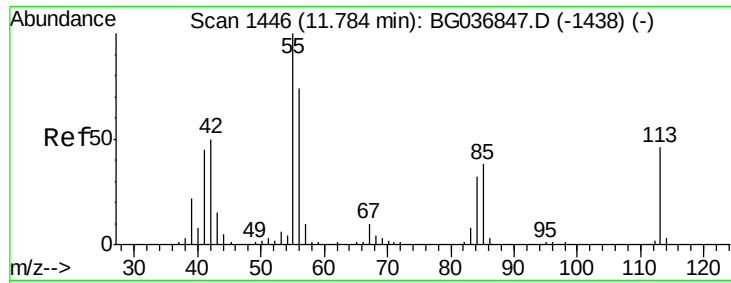
#34  
Hexachlorobutadiene  
Concen: 41.396 ng  
RT: 11.17 min Scan# 1342  
Delta R.T. -0.02 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 97704 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.6  | 51.8  | 77.8  |
| 227      | 65.3  | 49.8  | 74.6  |



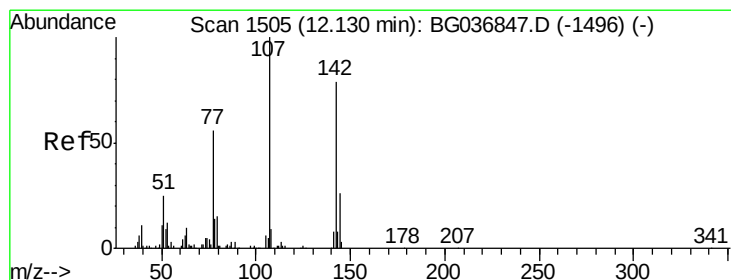
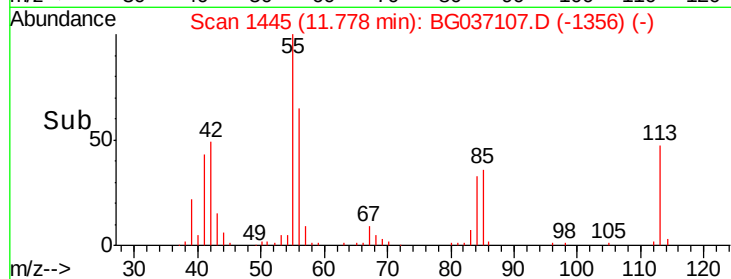
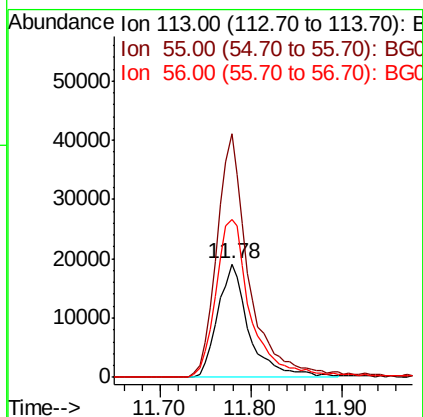
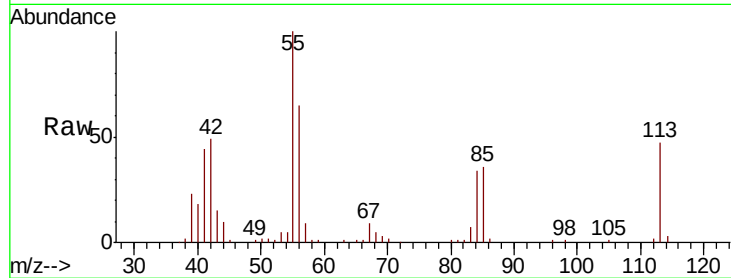
Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





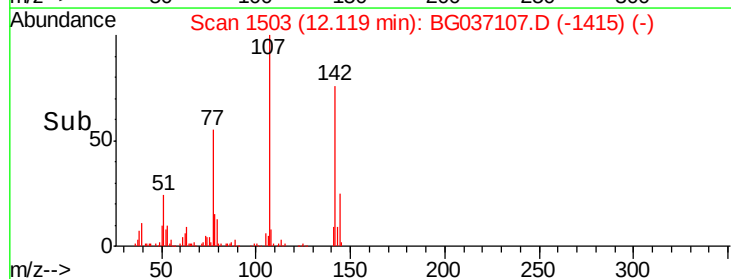
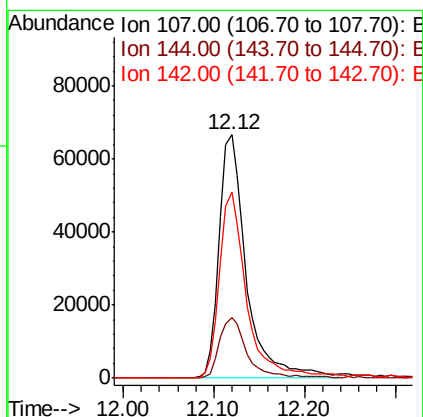
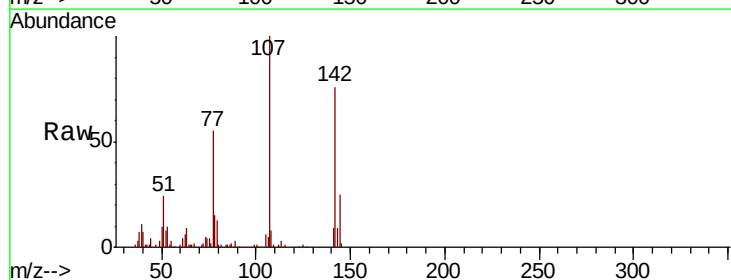
#35  
 Caprolactam  
 Concen: 41.116 ng  
 RT: 11.78 min Scan# 1445  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

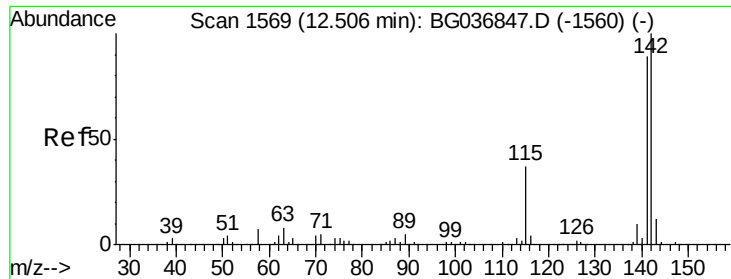
Tot Ion:113 Resp: 46152  
 Ion Ratio Lower Upper  
 113 100  
 55 214.8 197.7 237.7  
 56 139.3 131.7 171.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.729 ng  
 RT: 12.12 min Scan# 1503  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

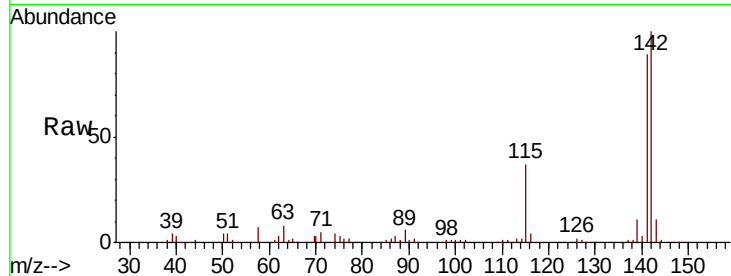
Tgt Ion:107 Resp: 139045  
 Ion Ratio Lower Upper  
 107 100  
 144 25.1 19.5 29.3  
 142 76.2 62.4 93.6





#37  
2-Methylnaphthalene  
Concen: 39.570 ng  
RT: 12.50 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 68.5  | 102.7 |
| 115     | 37.2  | 29.8  | 44.8  |

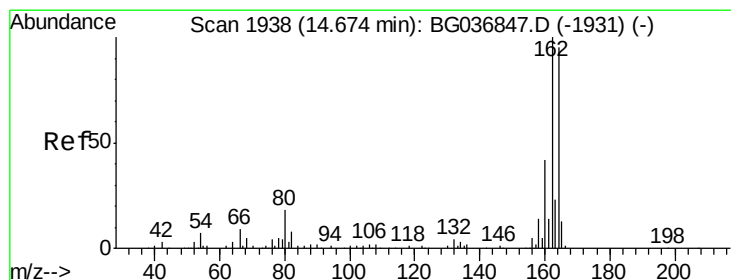
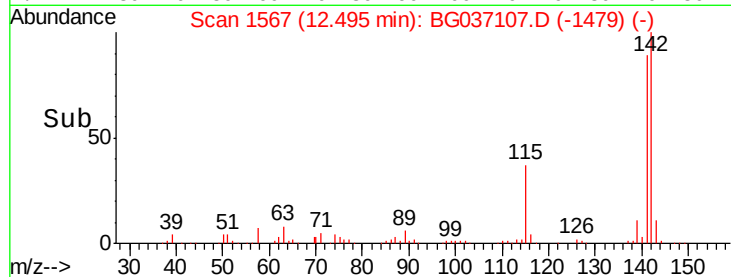
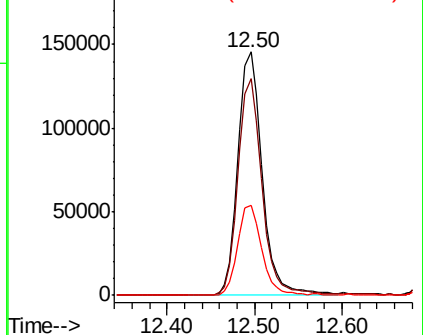


Abundance

Ion 142.00 (141.70 to 142.70): E

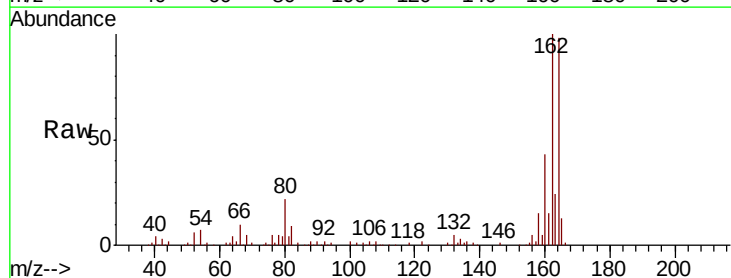
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.66 min Scan# 1936  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.1 | 80.7  | 121.1 |
| 160     | 44.3  | 35.3  | 52.9  |

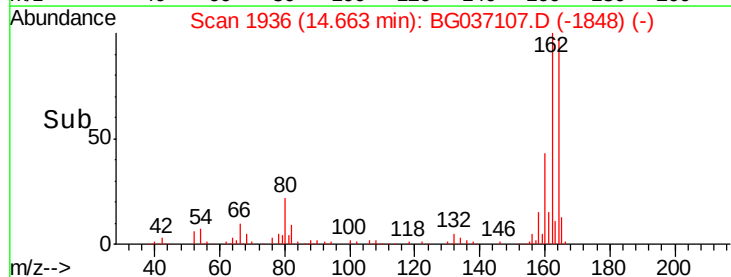
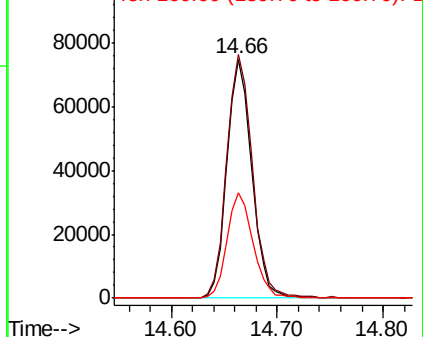


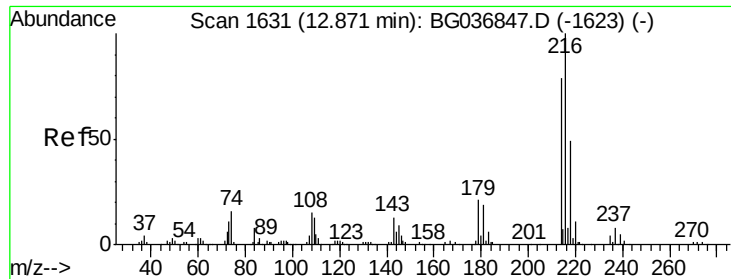
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

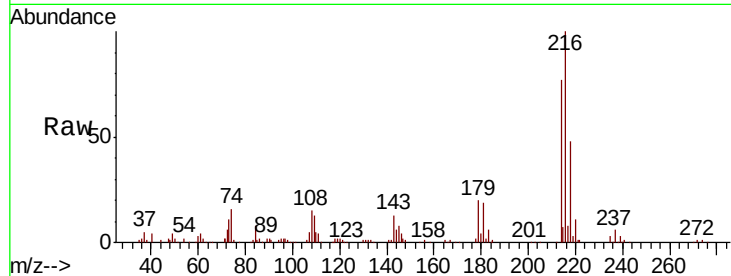
Ion 160.00 (159.70 to 160.70): E



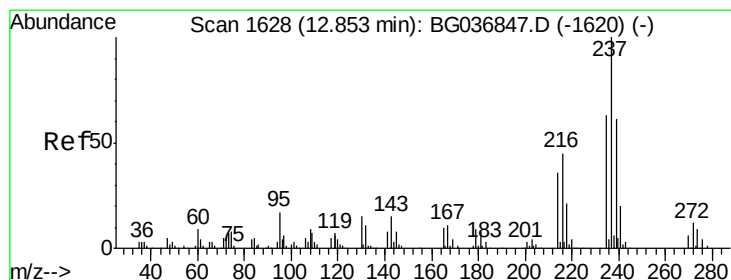
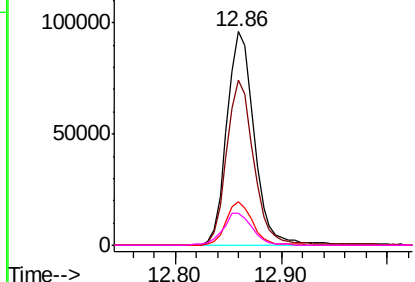
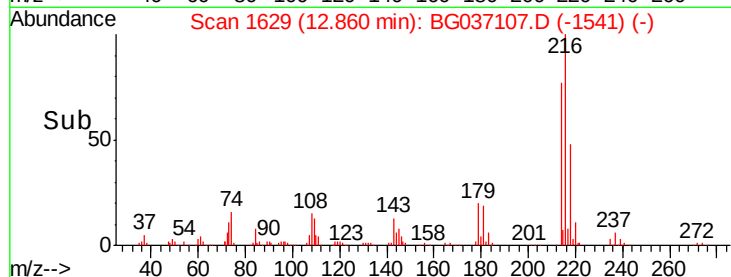


#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.462 ng  
 RT: 12.86 min Scan# 1629  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 171946    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 77.2  | 61.0 91.6 |
| 179         | 19.7  | 15.7 23.5 |
| 108         | 16.6  | 13.1 19.7 |

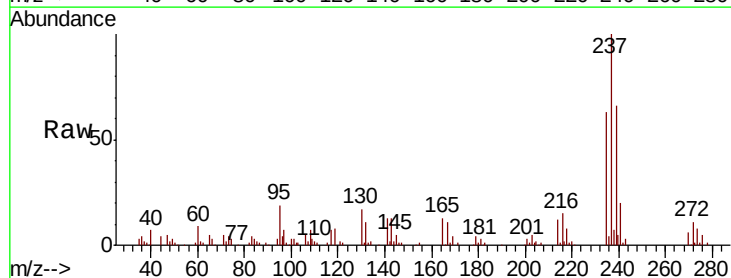


Abundance Ion 216.00 (215.70 to 216.70): E  
 150000  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

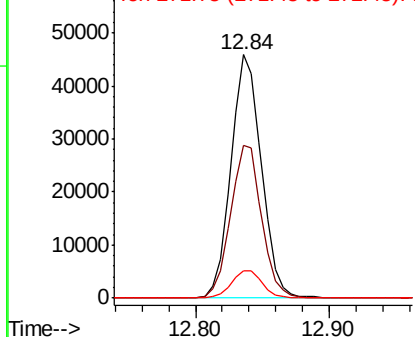
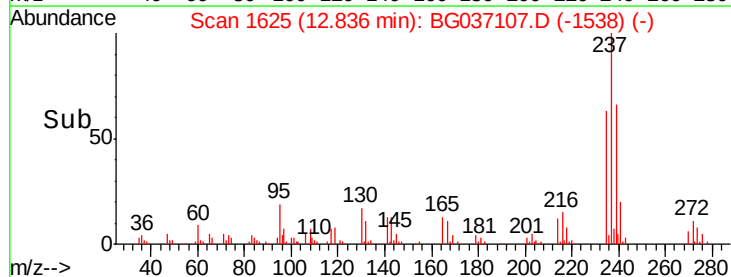


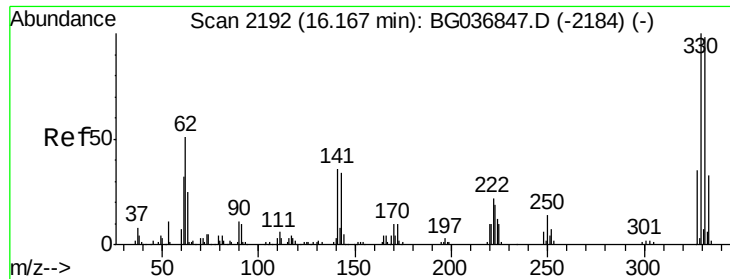
#40  
 Hexachlorocyclopentadiene  
 Concen: 33.271 ng  
 RT: 12.84 min Scan# 1625  
 Delta R.T. -0.02 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 72715     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 62.8  | 42.2 82.2 |
| 272         | 11.2  | 0.0 32.1  |



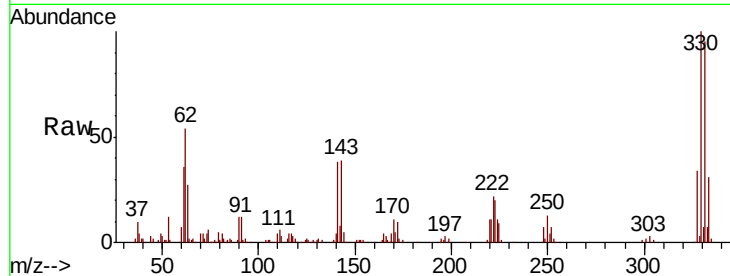
Abundance Ion 236.80 (236.50 to 237.50): E  
 60000  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E





#41  
 2,4,6-Tribromophenol  
 Concen: 83.267 ng  
 RT: 16.16 min Scan# 2190  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.2  | 75.4  | 113.2 |
| 141     | 39.5  | 30.7  | 46.1  |

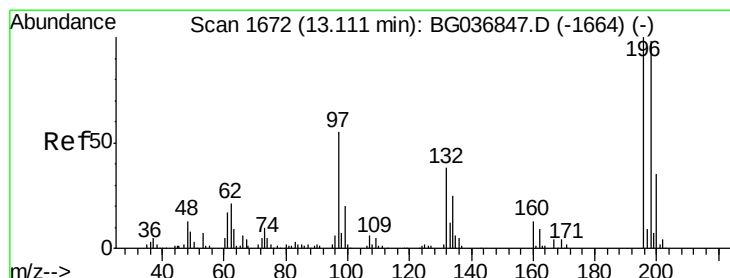
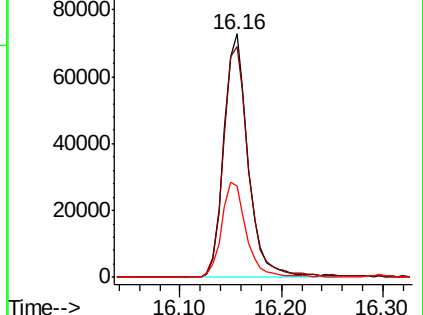
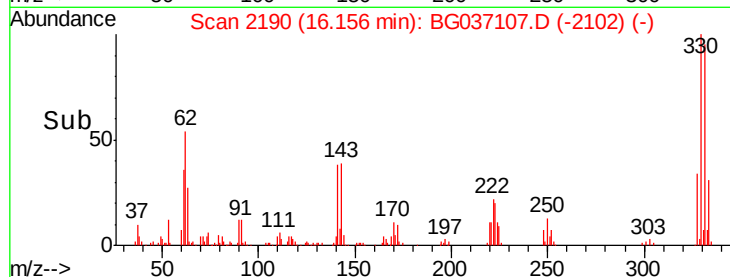


Abundance

Ion 329.80 (329.50 to 330.50): E

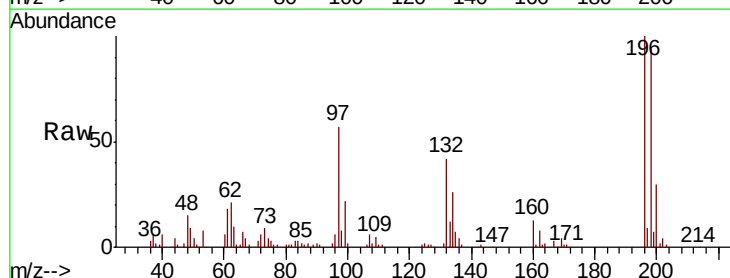
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 42.484 ng  
 RT: 13.10 min Scan# 1670  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.2  | 77.2  | 115.8 |
| 200     | 29.9  | 26.3  | 39.5  |

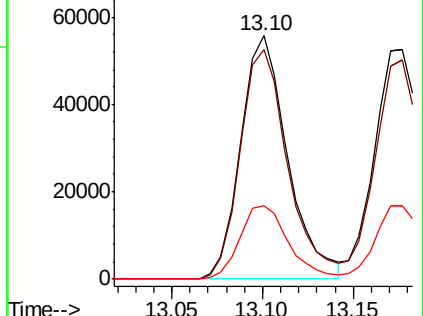
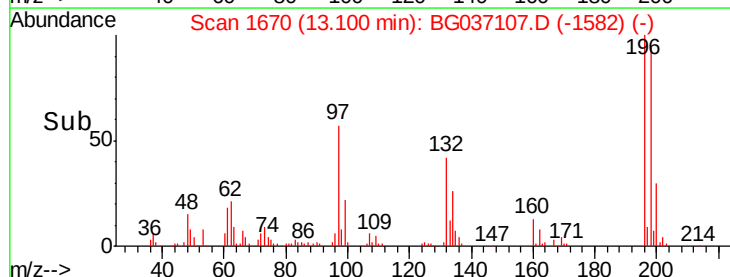


Abundance

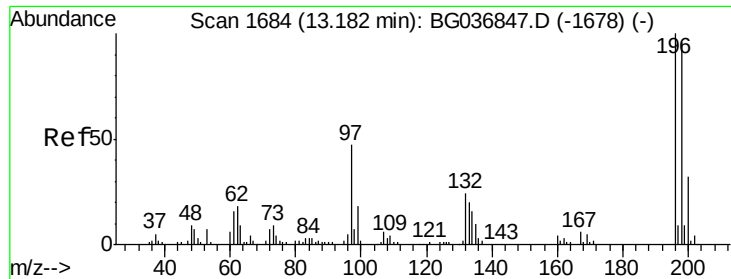
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

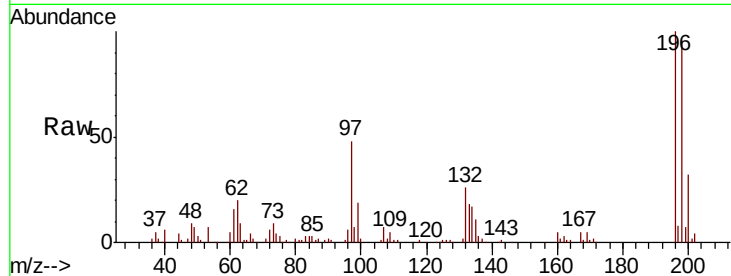




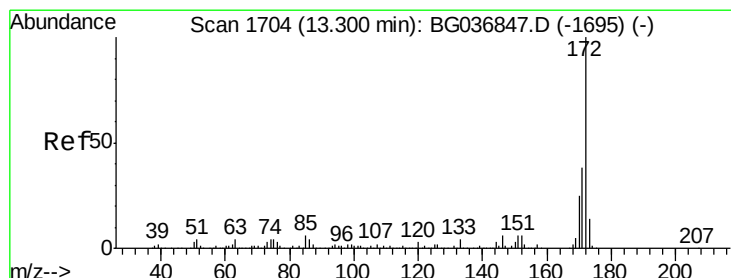
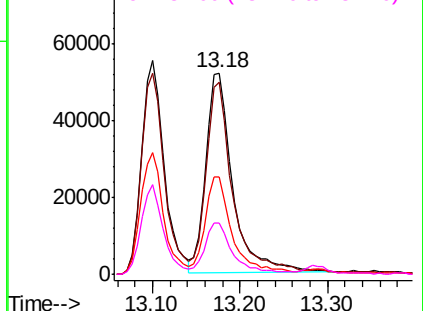
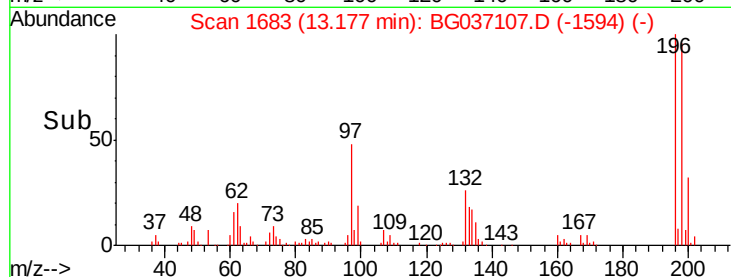


#43  
 2,4,5-Trichlorophenol  
 Concen: 44.523 ng  
 RT: 13.18 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

|             |       |            |
|-------------|-------|------------|
| Tot Ion:196 | Resp: | 112031     |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 95.7  | 75.6 113.4 |
| 97          | 48.4  | 37.2 55.8  |
| 132         | 25.7  | 19.4 29.2  |

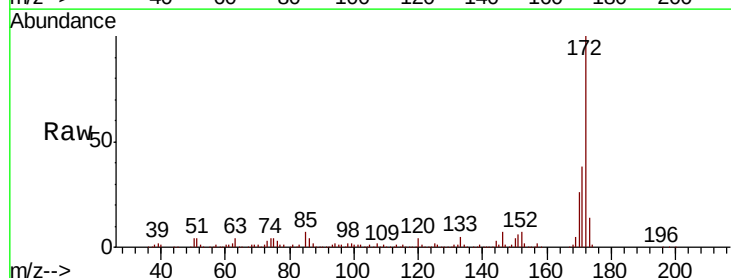


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

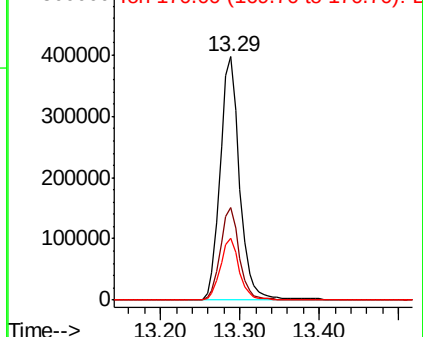
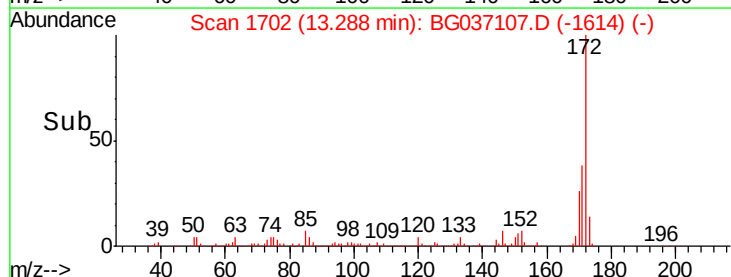


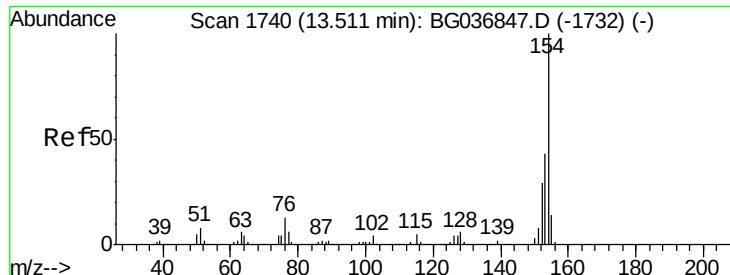
#44  
 2-Fluorobiphenyl  
 Concen: 82.602 ng  
 RT: 13.29 min Scan# 1702  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 675732    |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 38.0  | 31.3 46.9 |
| 170         | 25.6  | 21.0 31.6 |



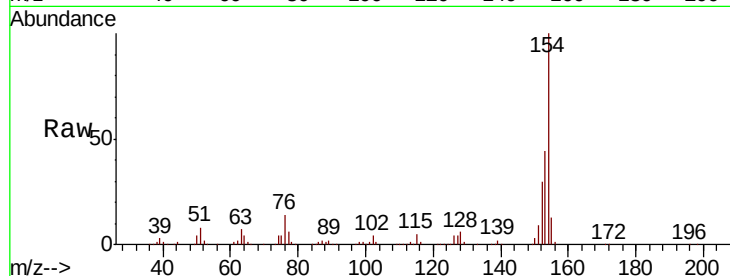
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



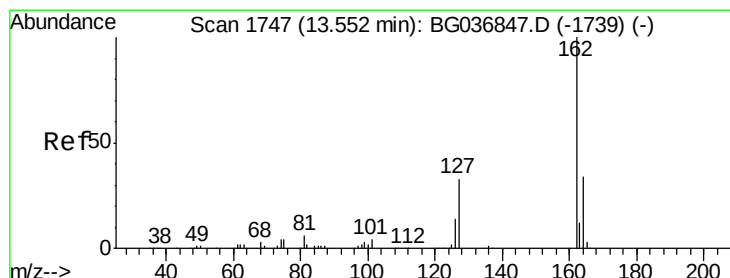
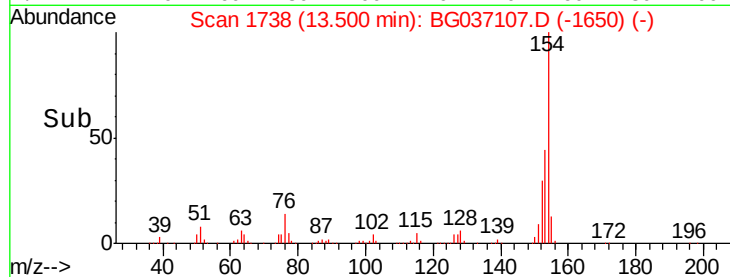
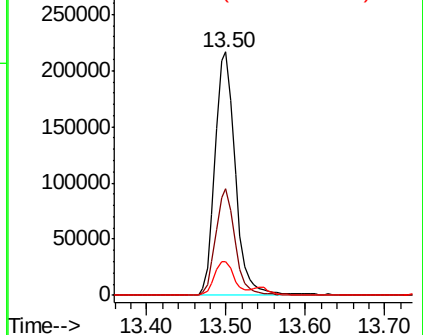


#45  
 1,1'-Biphenyl  
 Concen: 41.365 ng  
 RT: 13.50 min Scan# 1738  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 154   | Resp: | 385987 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 44.0  | 24.0  | 64.0   |
| 76       | 13.9  | 0.0   | 32.9   |

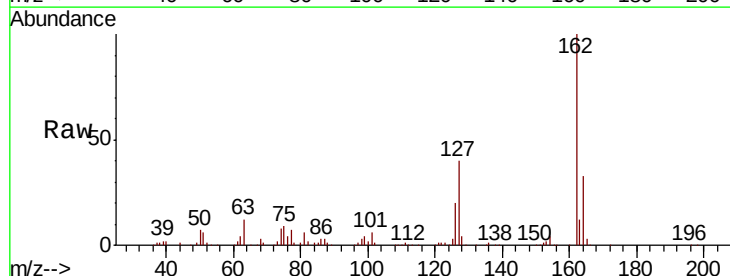


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

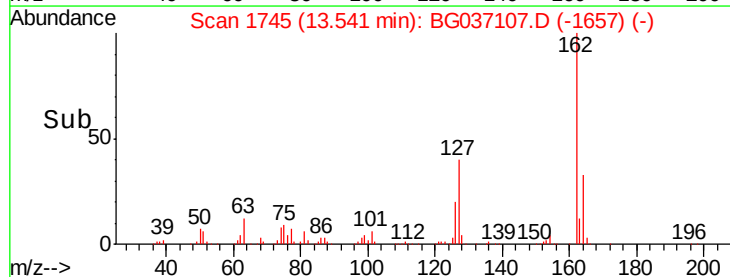
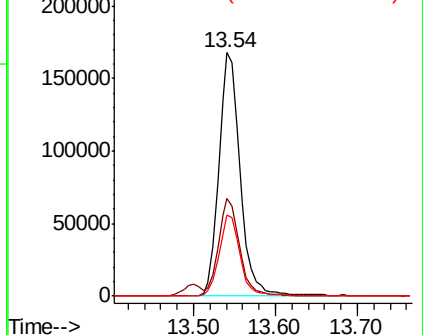


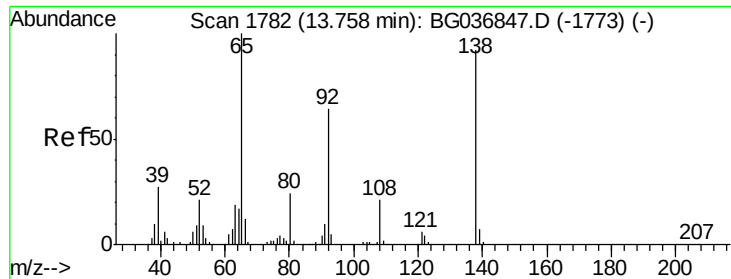
#46  
 2-Chloronaphthalene  
 Concen: 41.525 ng  
 RT: 13.54 min Scan# 1745  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 304716 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 40.1  | 30.7  | 46.1   |
| 164      | 33.2  | 26.7  | 40.1   |



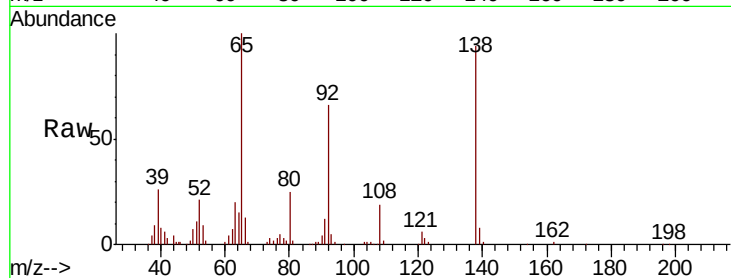
Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E



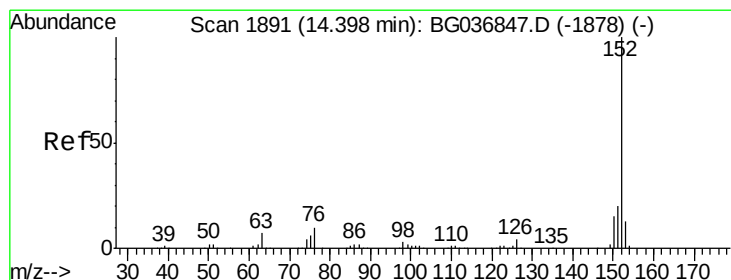
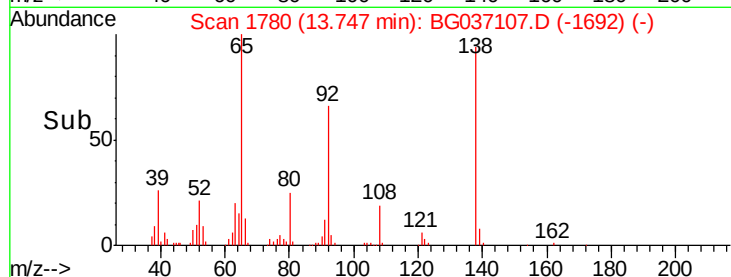
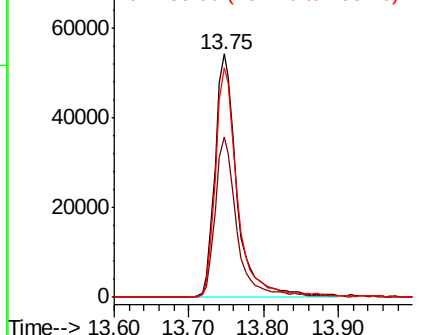


#47  
2-Nitroaniline  
Concen: 43.915 ng  
RT: 13.75 min Scan# 1780  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

Tot Ion: 65 Resp: 111463  
Ion Ratio Lower Upper  
65 100  
92 66.1 49.9 74.9  
138 94.1 76.2 114.4

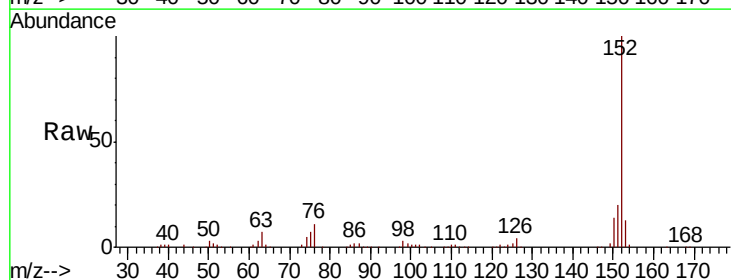


Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC

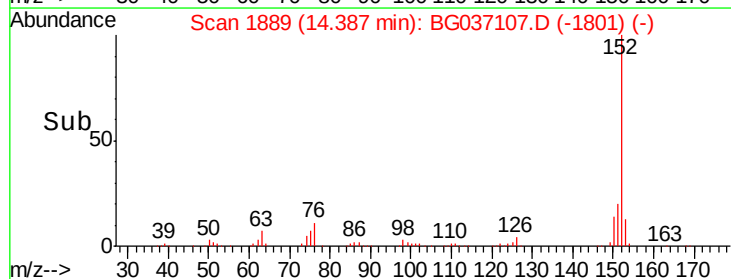
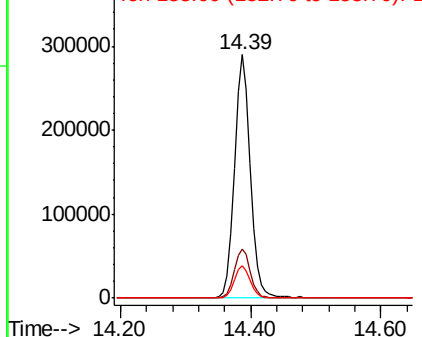


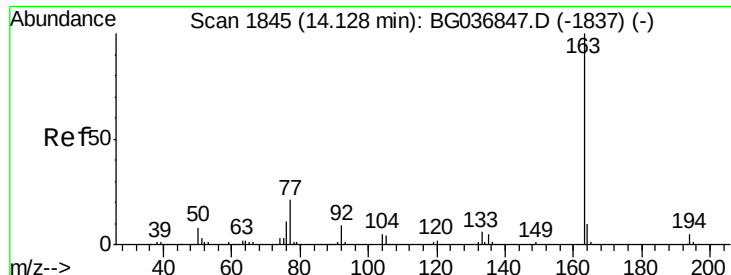
#48  
Acenaphthylene  
Concen: 42.408 ng  
RT: 14.39 min Scan# 1889  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

Tgt Ion: 152 Resp: 487652  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.9 25.3  
153 13.3 11.2 16.8



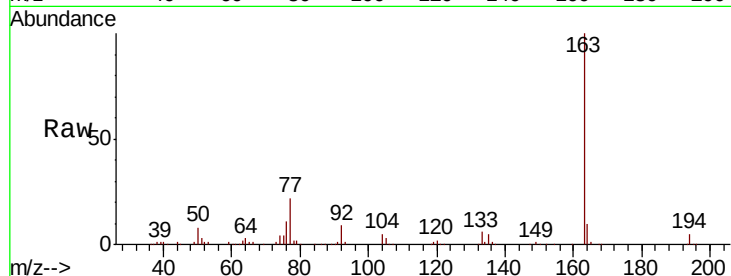
Abundance Ion 152.00 (151.70 to 152.70): BGC  
Ion 151.00 (150.70 to 151.70): BGC  
Ion 153.00 (152.70 to 153.70): BGC



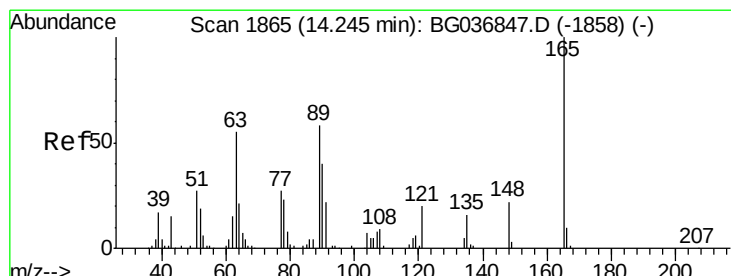
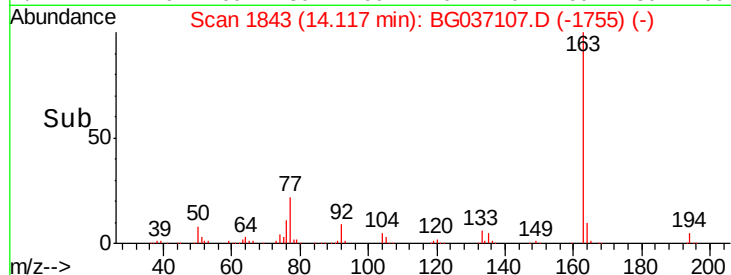
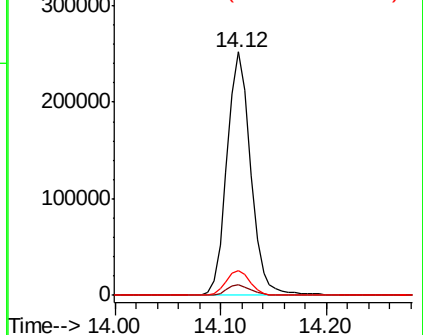


#49  
Dimethylphthalate  
Concen: 39.984 ng  
RT: 14.12 min Scan# 1843  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

Tot Ion:163 Resp: 392133  
Ion Ratio Lower Upper  
163 100  
194 4.6 4.0 6.0  
164 10.4 8.1 12.1

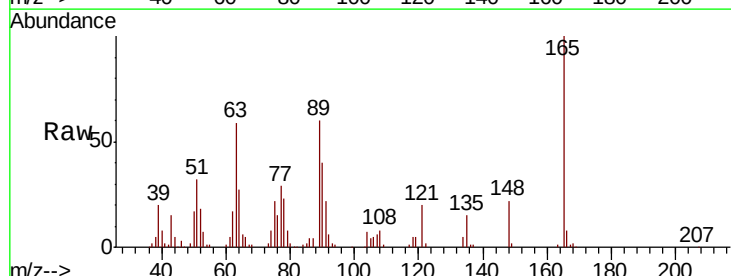


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

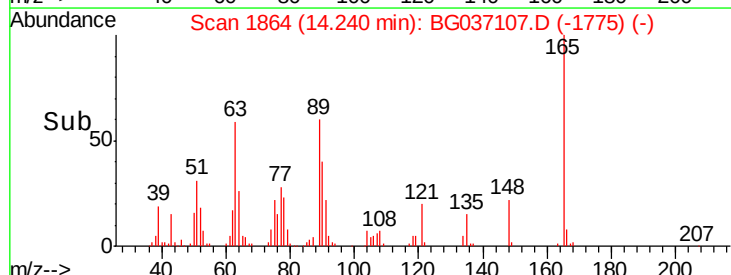
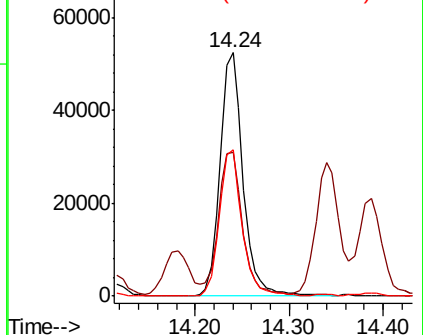


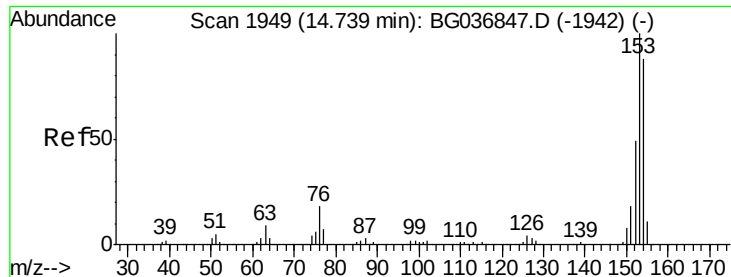
#50  
2,6-Dinitrotoluene  
Concen: 41.830 ng  
RT: 14.24 min Scan# 1864  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

Tgt Ion:165 Resp: 89506  
Ion Ratio Lower Upper  
165 100  
63 59.3 50.1 75.1  
89 60.2 47.8 71.6



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG0  
Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 41.413 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

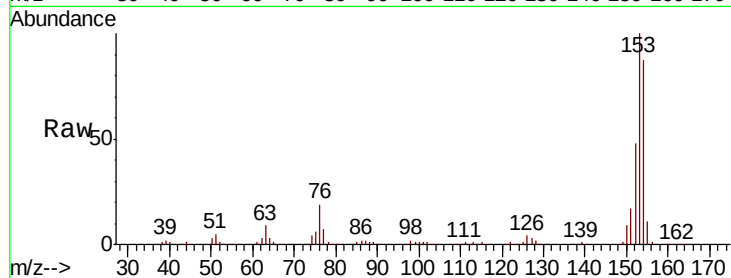
Tot Ion:154 Resp: 287807

Ion Ratio Lower Upper

154 100

153 115.2 91.8 137.6

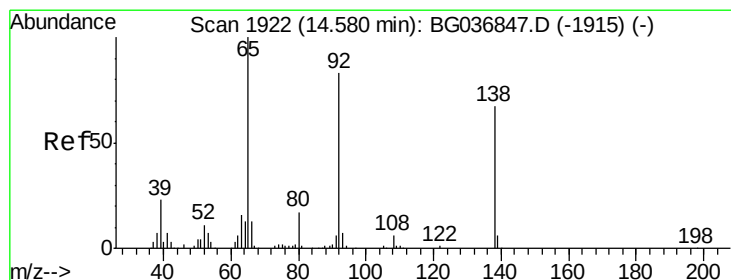
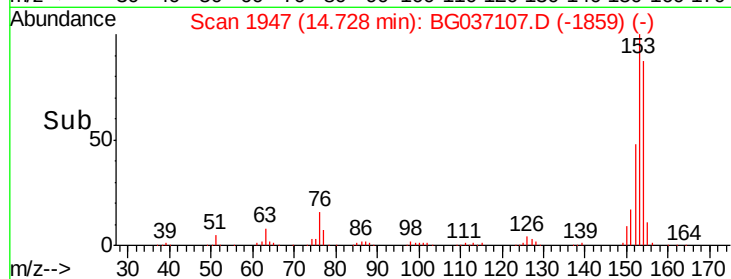
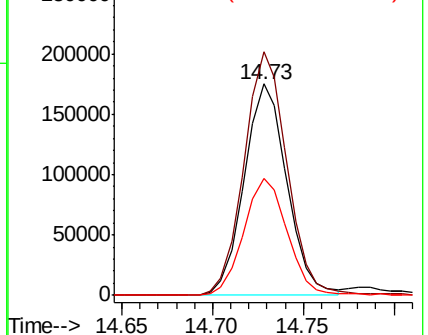
152 55.5 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.971 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

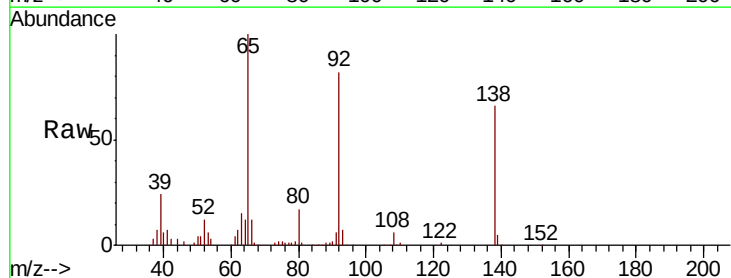
Tgt Ion:138 Resp: 96892

Ion Ratio Lower Upper

138 100

108 9.4 9.4 14.2#

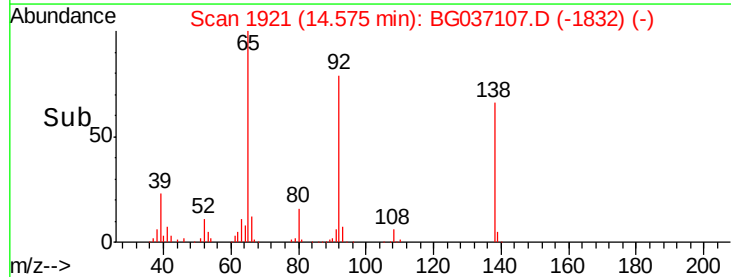
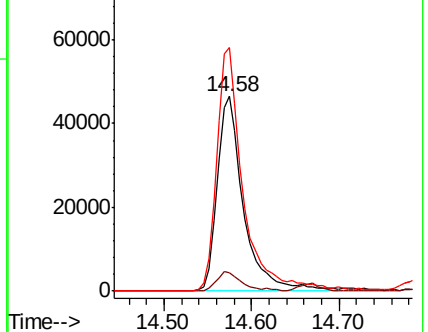
92 125.2 96.8 145.2

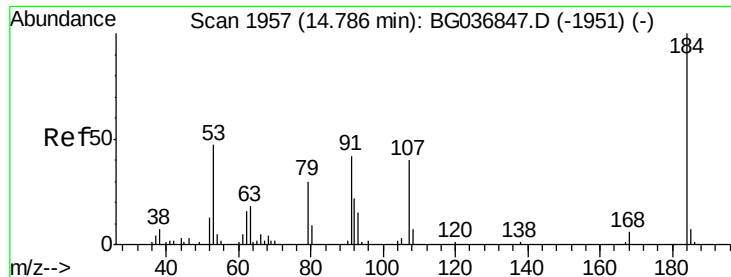


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

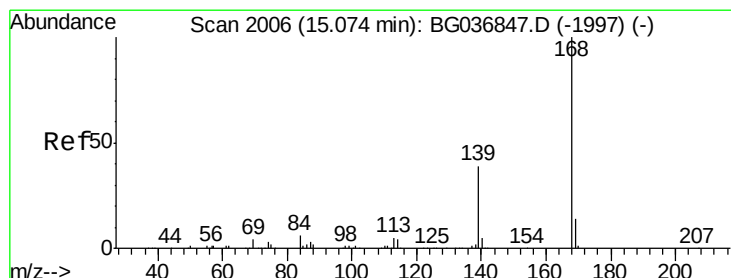
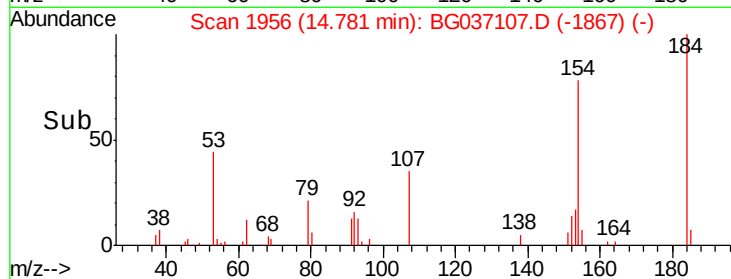
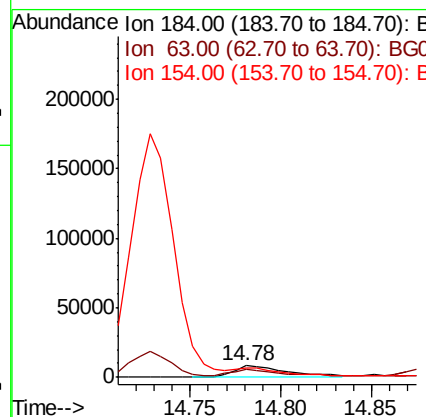
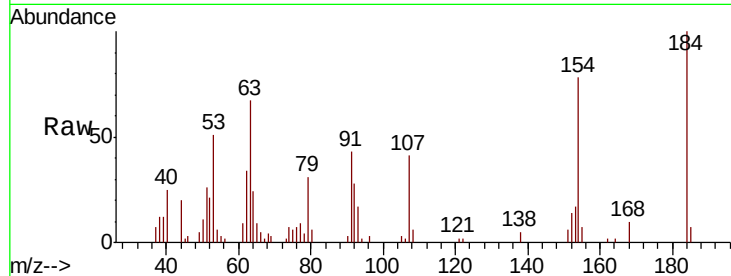
Ion 92.00 (91.70 to 92.70): BGC





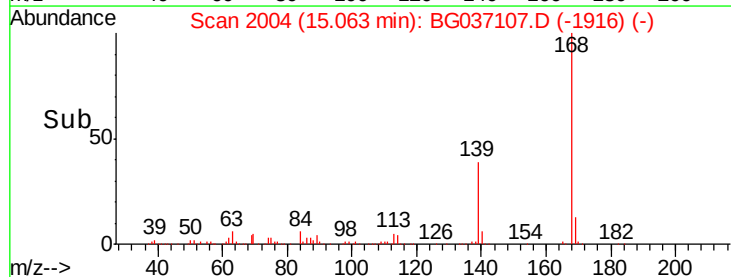
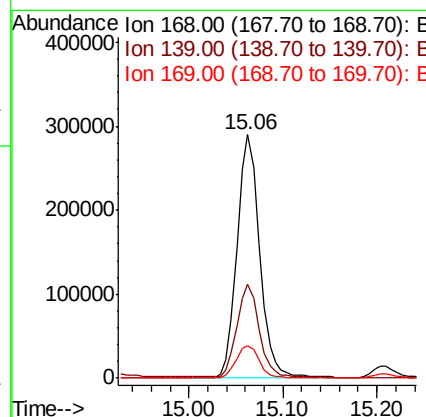
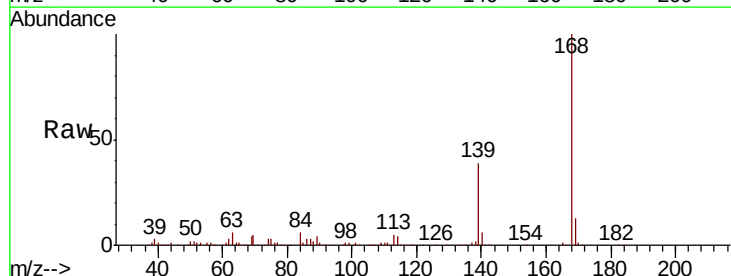
#53  
 2,4-Dinitrophenol  
 Concen: 23.713 ng  
 RT: 14.78 min Scan# 1956  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

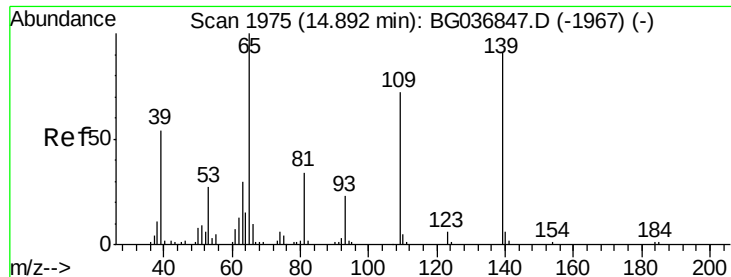
Tot Ion:184 Resp: 17811  
 Ion Ratio Lower Upper  
 184 100  
 63 67.2 47.3 70.9  
 154 77.9 51.1 76.7#



#54  
 Dibenzofuran  
 Concen: 41.441 ng  
 RT: 15.06 min Scan# 2004  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

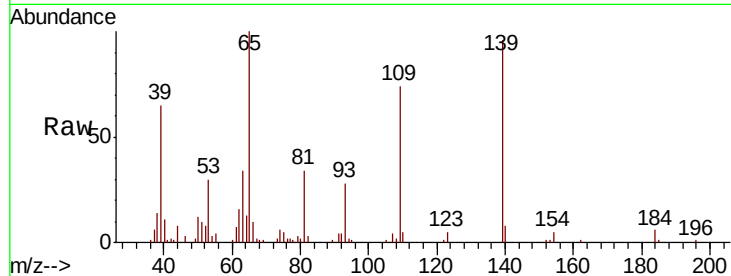
Tgt Ion:168 Resp: 487152  
 Ion Ratio Lower Upper  
 168 100  
 139 38.7 31.0 46.6  
 169 13.4 11.1 16.7



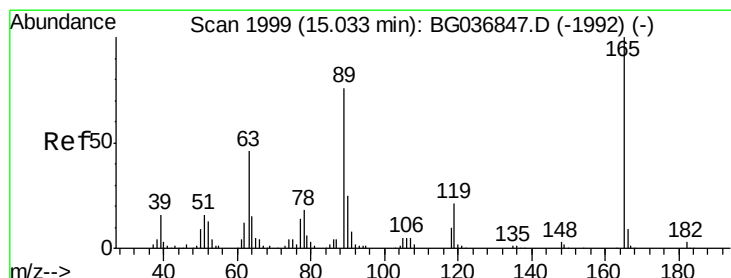
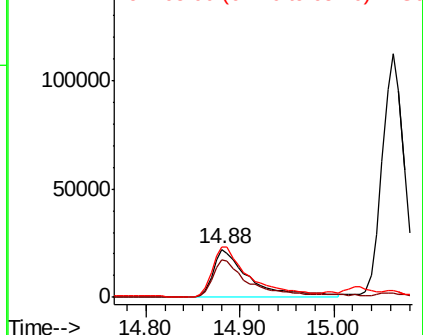
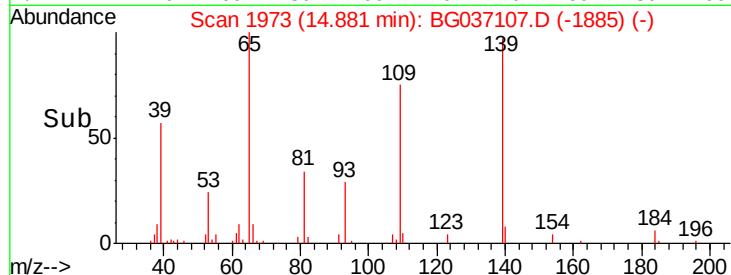


#55  
4-Nitrophenol  
Concen: 41.670 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

Tot Ion:139 Resp: 60024  
Ion Ratio Lower Upper  
139 100  
109 77.3 63.9 103.9  
65 104.7 90.0 130.0

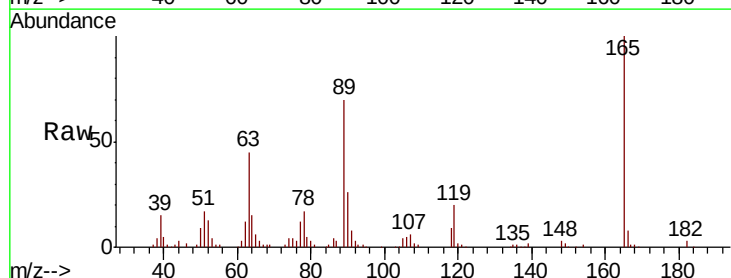


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BGC

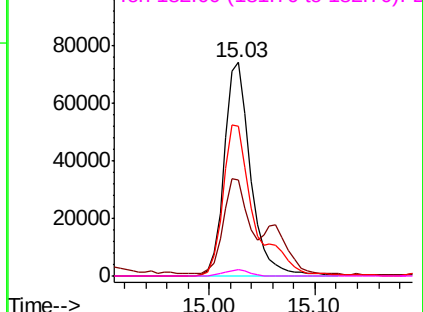
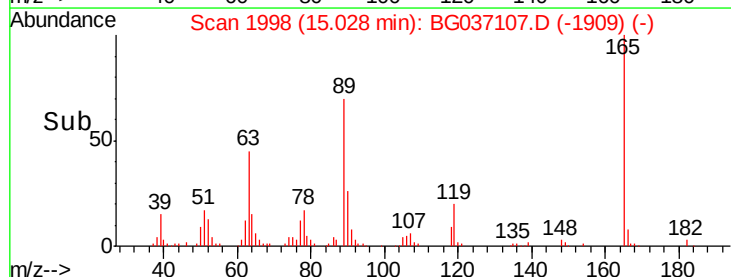


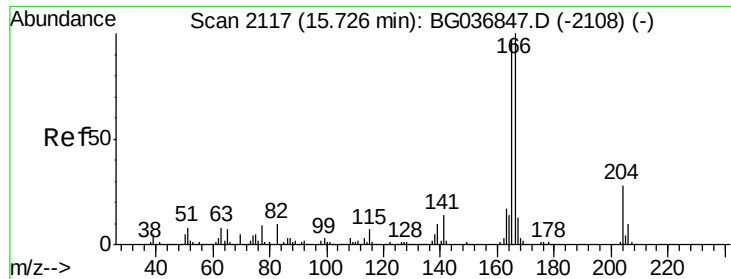
#56  
2,4-Dinitrotoluene  
Concen: 42.871 ng  
RT: 15.03 min Scan# 1998  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

Tgt Ion:165 Resp: 128004  
Ion Ratio Lower Upper  
165 100  
63 44.9 40.1 60.1  
89 70.0 63.7 95.5  
182 2.8 2.5 3.7



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





#57

Fluorene

Concen: 41.842 ng

RT: 15.71 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

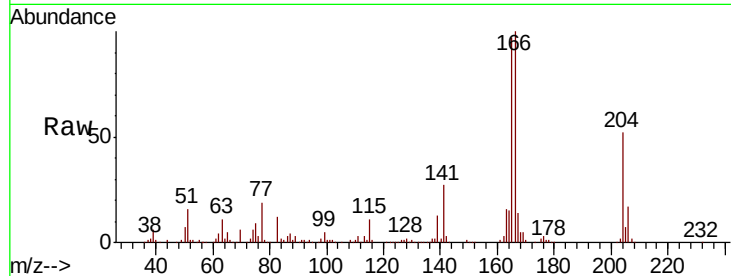
Tot Ion:166 Resp: 367637

Ion Ratio Lower Upper

166 100

165 97.1 77.0 115.4

167 14.4 10.6 16.0

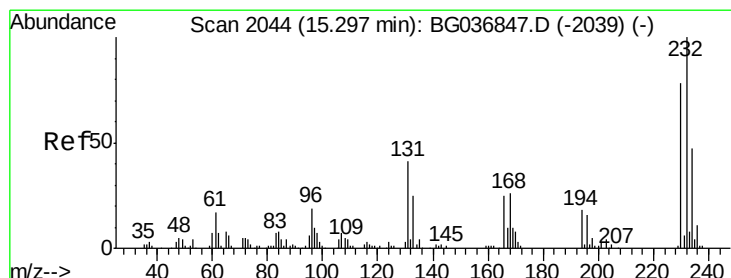
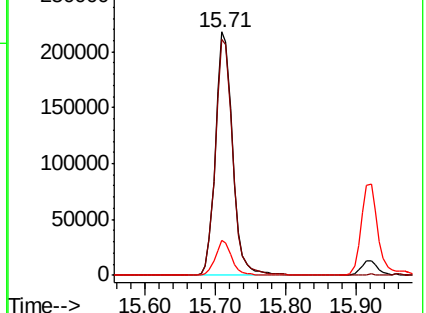
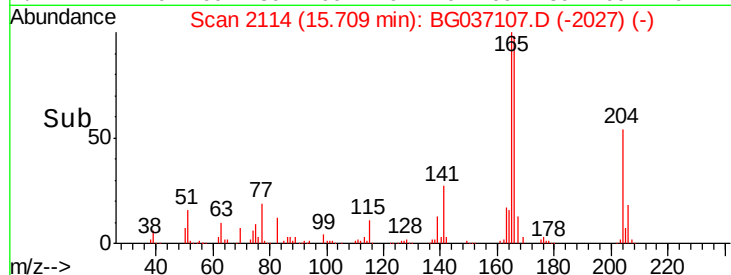


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.057 ng

RT: 15.29 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

Tgt Ion:232 Resp: 112459

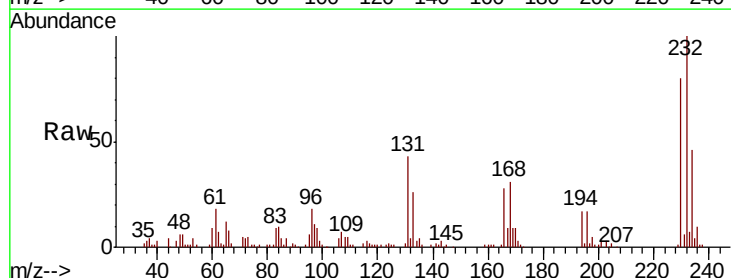
Ion Ratio Lower Upper

232 100

131 39.7 33.8 50.8

130 2.4 2.1 3.1

166 28.3 22.3 33.5



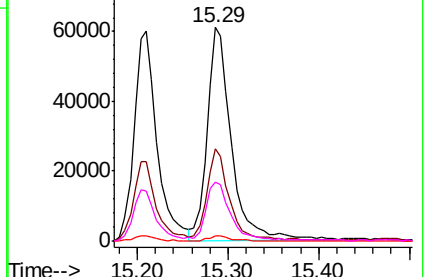
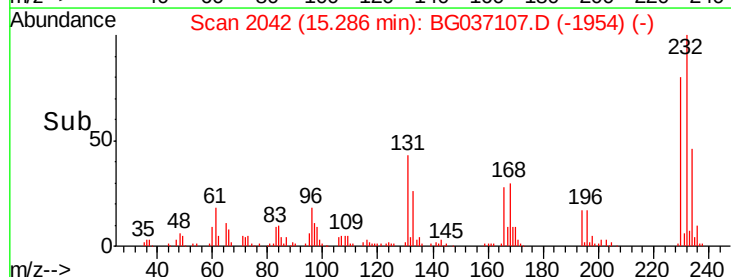
Abundance

Ion 232.00 (231.70 to 232.70): E

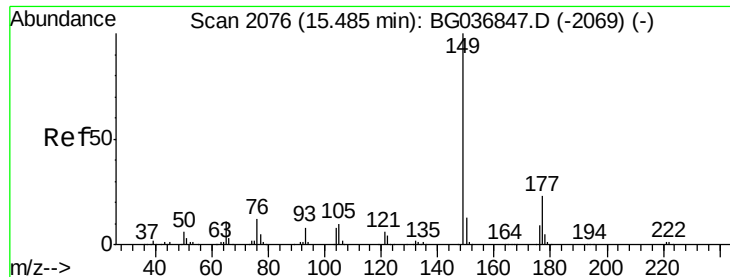
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

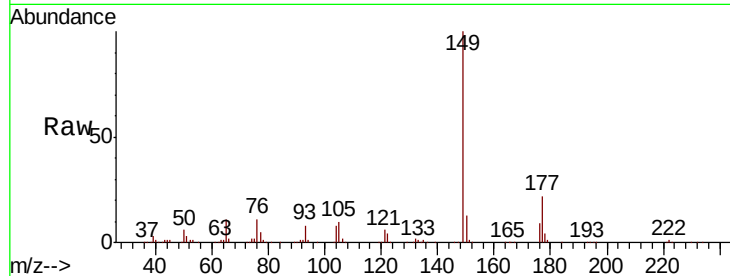




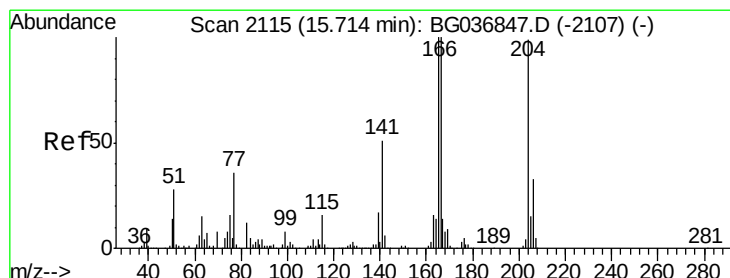
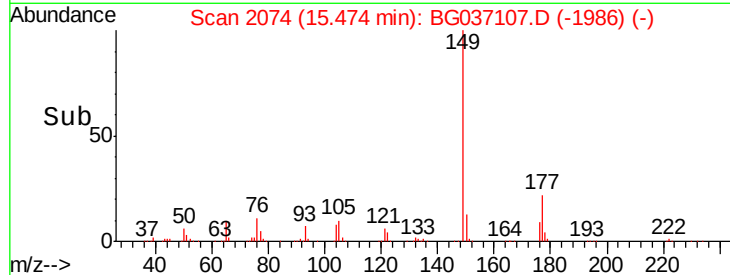
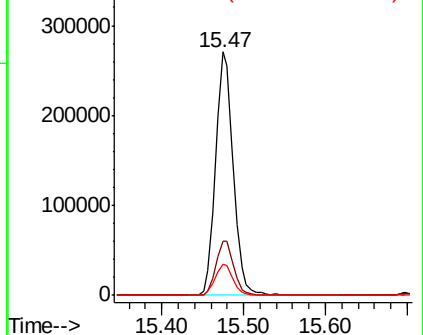


#59  
Diethylphthalate  
Concen: 41.177 ng  
RT: 15.47 min Scan# 2074  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.2  | 19.1  | 28.7  |
| 150     | 12.9  | 10.7  | 16.1  |

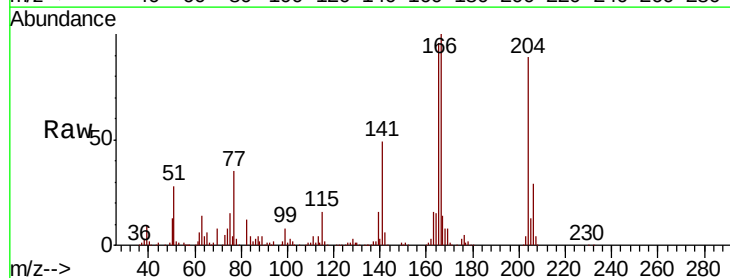


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

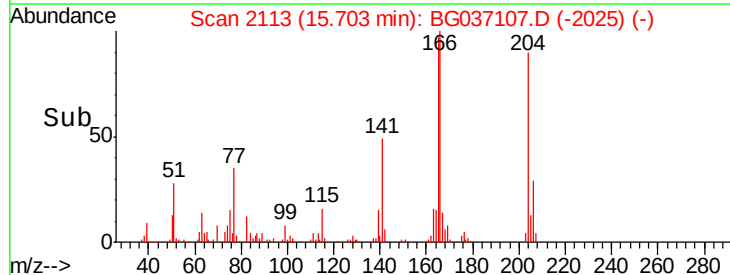
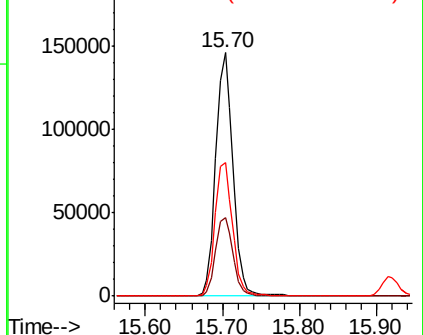


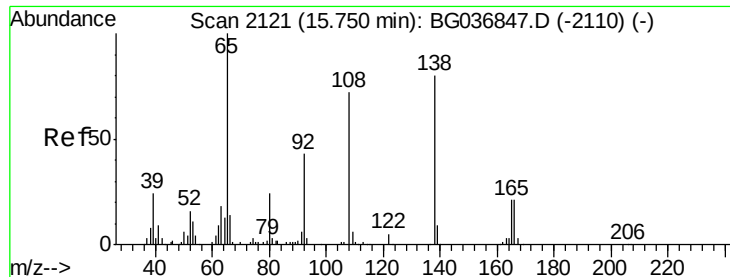
#60  
4-Chlorophenyl-phenylether  
Concen: 40.202 ng  
RT: 15.70 min Scan# 2113  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.1  | 27.0  | 40.4  |
| 141     | 54.8  | 43.8  | 65.6  |



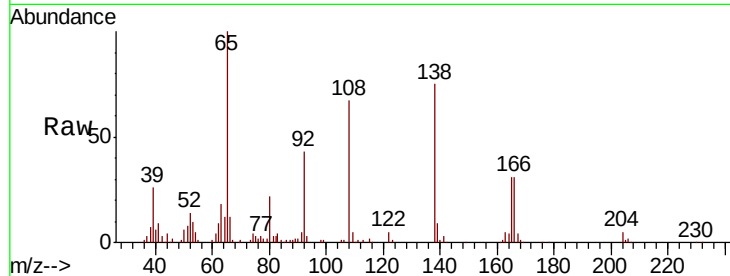
Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E



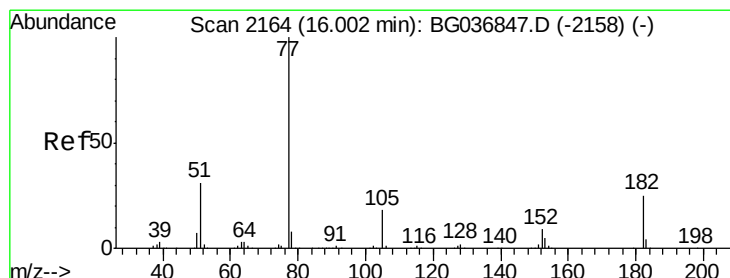
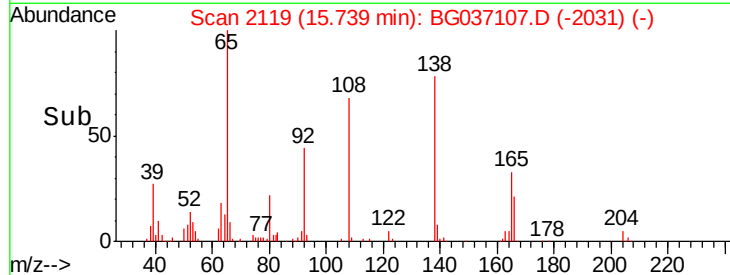
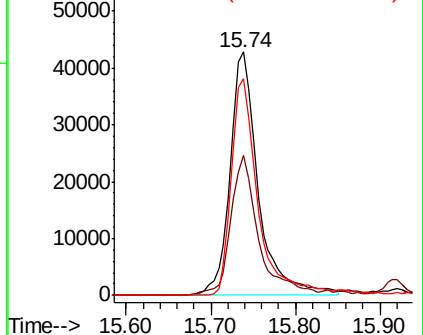


#61  
4-Nitroaniline  
Concen: 41.627 ng  
RT: 15.74 min Scan# 2119  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

Tot Ion: 138 Resp: 98728  
Ion Ratio Lower Upper  
138 100  
92 57.3 38.5 78.5  
108 89.0 70.3 110.3

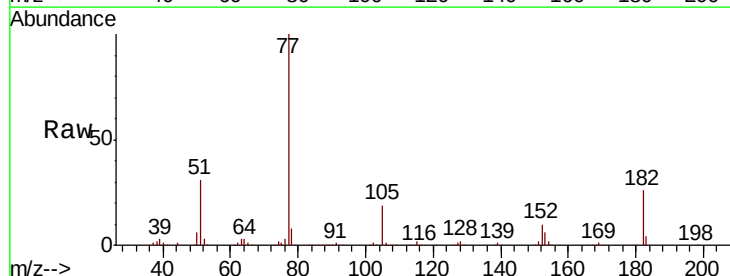


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E

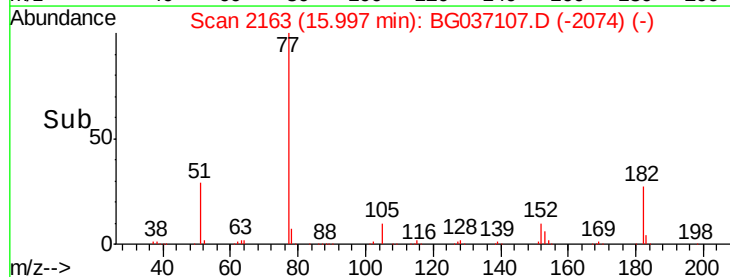
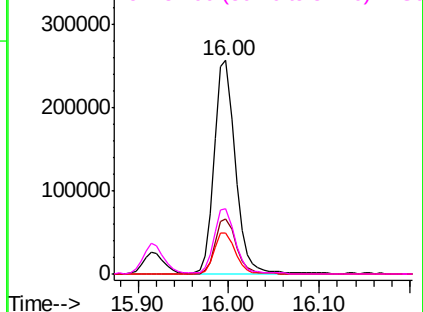


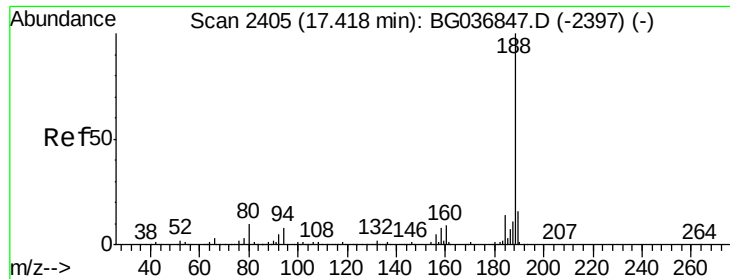
#62  
Azobenzene  
Concen: 43.503 ng  
RT: 16.00 min Scan# 2163  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

Tgt Ion: 77 Resp: 413471  
Ion Ratio Lower Upper  
77 100  
182 25.5 6.7 46.7  
105 19.4 0.0 39.8  
51 30.6 12.4 52.4



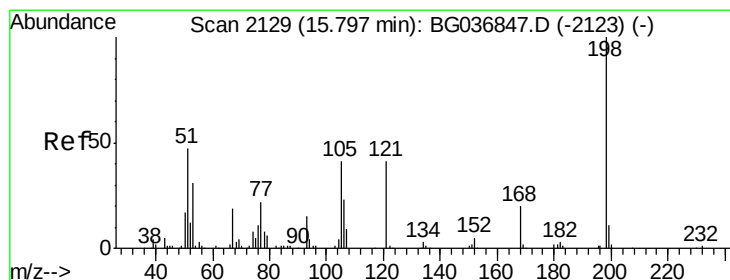
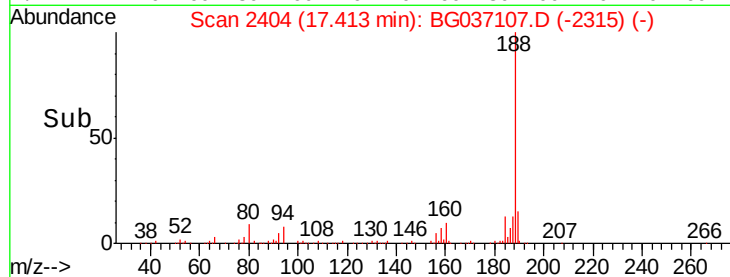
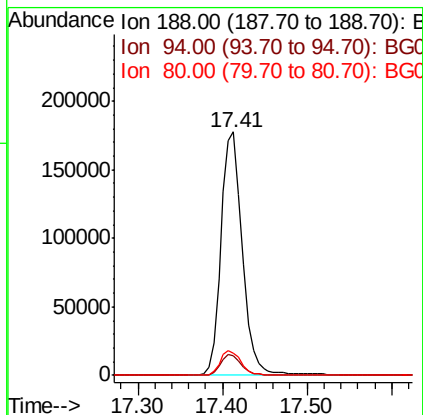
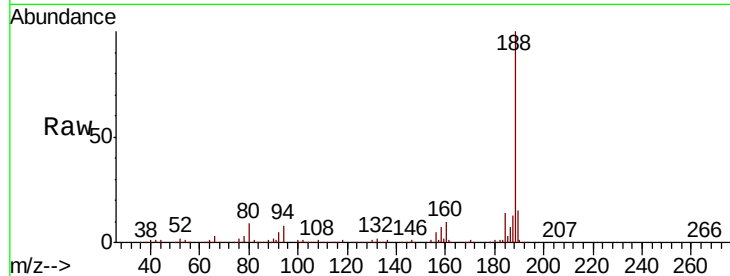
Abundance Ion 77.00 (76.70 to 77.70): BG  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BG





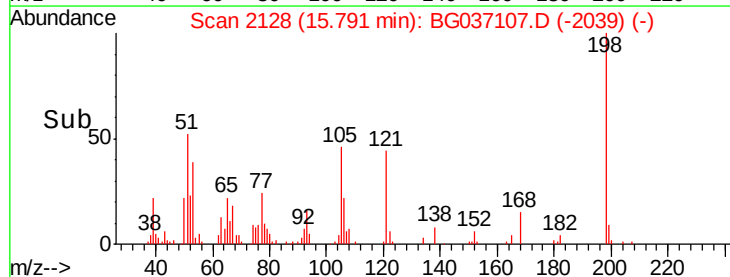
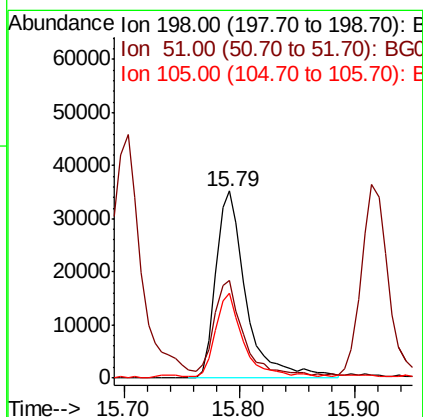
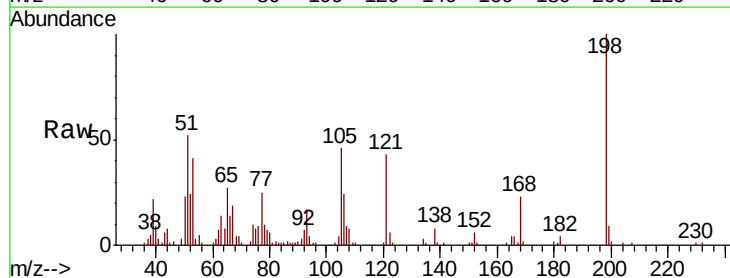
#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.41 min Scan# 2404  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

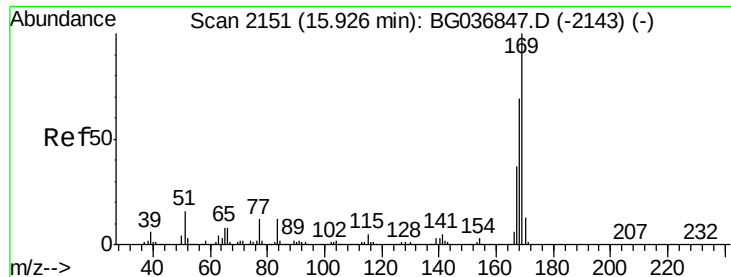
Tot Ion:188 Resp: 311789  
 Ion Ratio Lower Upper  
 188 100  
 94 8.3 6.7 10.1  
 80 9.3 8.1 12.1



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 39.051 ng  
 RT: 15.79 min Scan# 2128  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

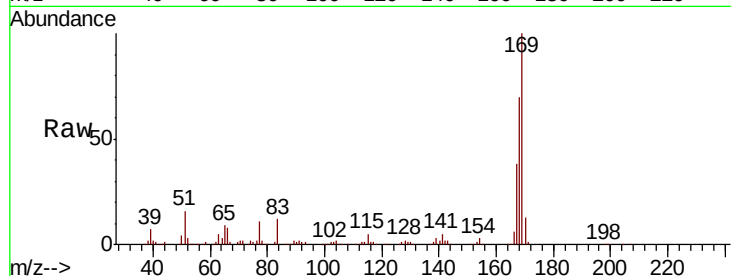
Tgt Ion:198 Resp: 63657  
 Ion Ratio Lower Upper  
 198 100  
 51 52.4 26.5 66.5  
 105 45.7 20.2 60.2



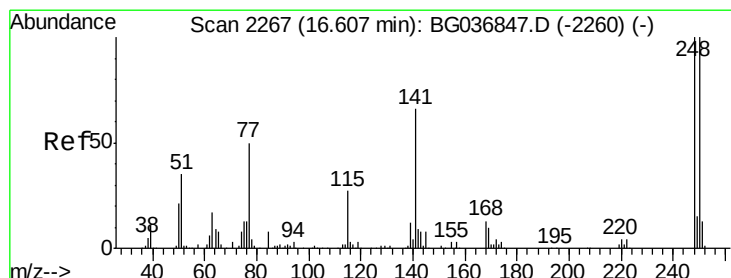
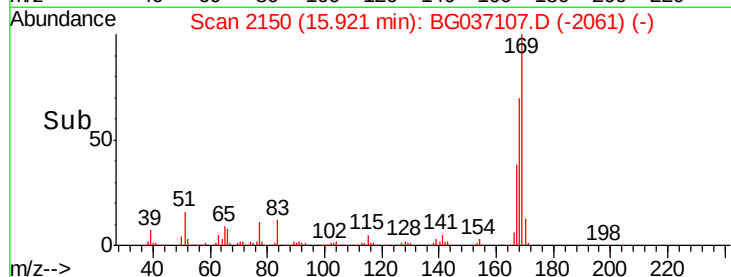
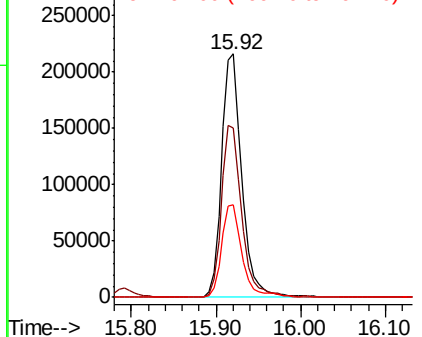


#65  
 n-Nitrosodiphenylamine  
 Concen: 41.544 ng  
 RT: 15.92 min Scan# 2150  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 169   | Resp: | 357598 |
| Ion      | Ratio | Lower | Upper  |
| 169      | 100   |       |        |
| 168      | 69.7  | 57.6  | 86.4   |
| 167      | 37.8  | 31.0  | 46.4   |

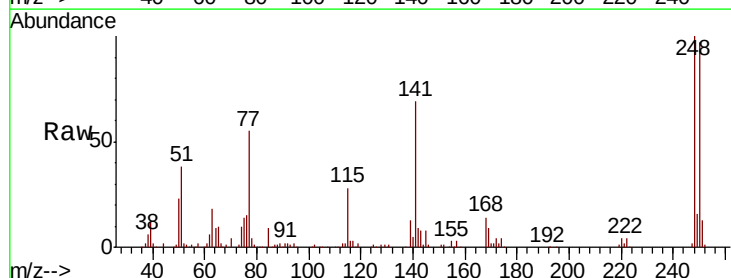


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

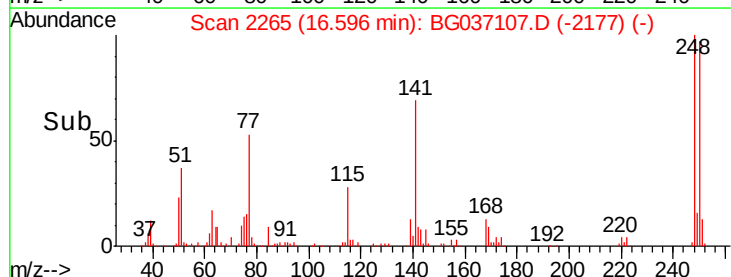
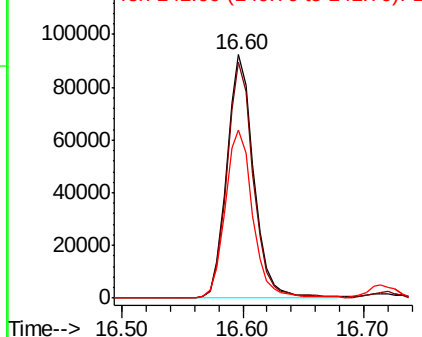


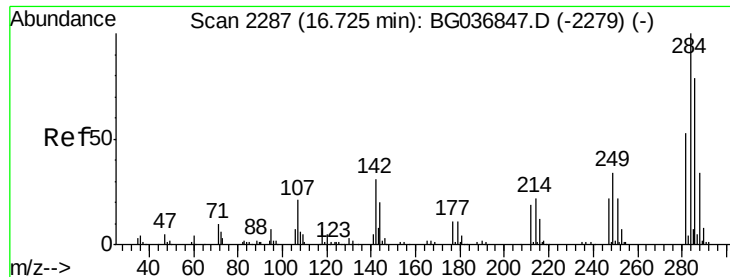
#66  
 4-Bromophenyl-phenylether  
 Concen: 40.396 ng  
 RT: 16.60 min Scan# 2265  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 248   | Resp: | 143263 |
| Ion      | Ratio | Lower | Upper  |
| 248      | 100   |       |        |
| 250      | 96.7  | 78.1  | 117.1  |
| 141      | 69.1  | 53.7  | 80.5   |



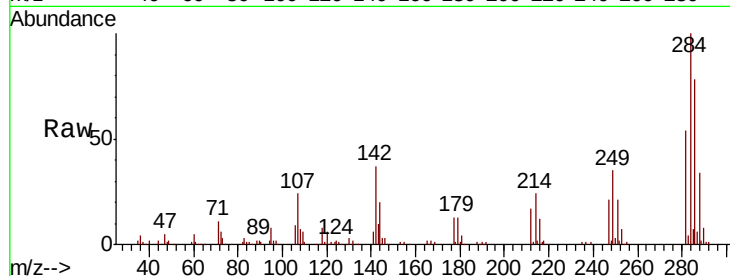
Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E



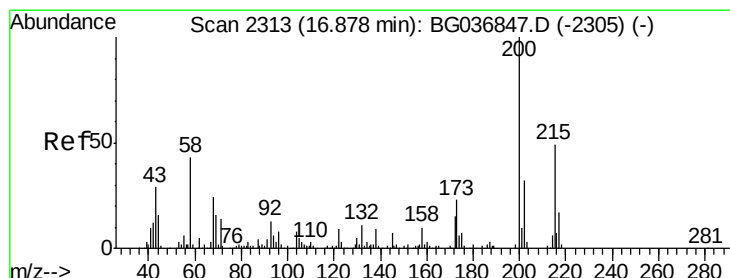
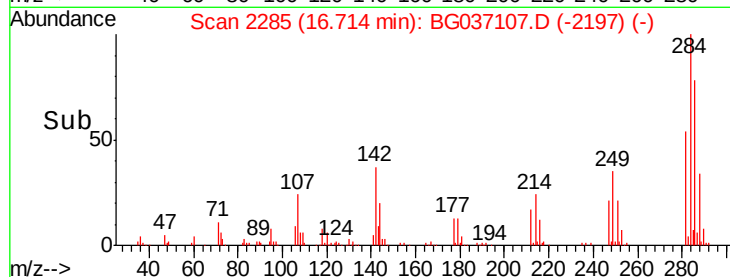
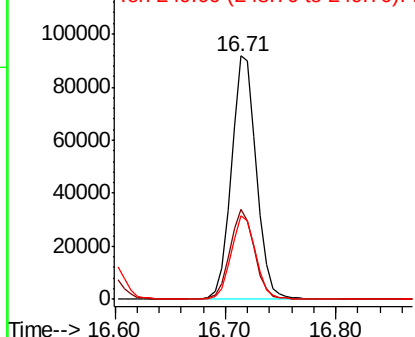


#67  
Hexachlorobenzene  
Concen: 39.704 ng  
RT: 16.71 min Scan# 2285  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

Tot Ion:284 Resp: 145020  
Ion Ratio Lower Upper  
284 100  
142 36.9 27.8 41.6  
249 34.5 27.4 41.2

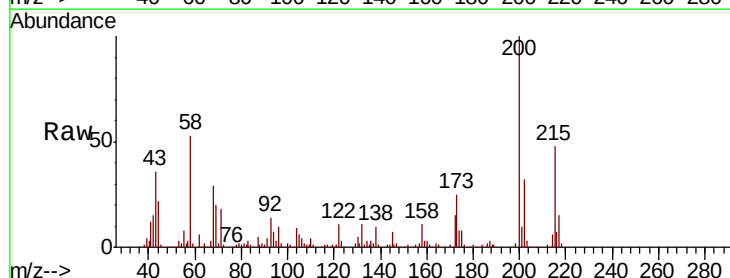


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

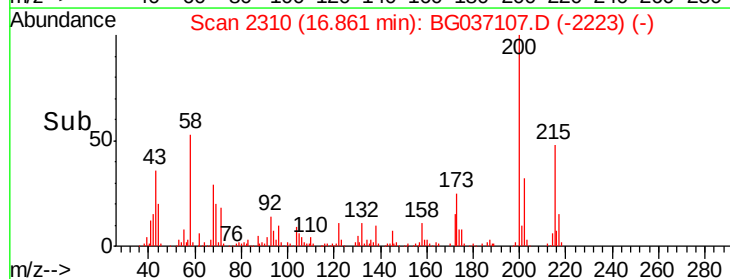
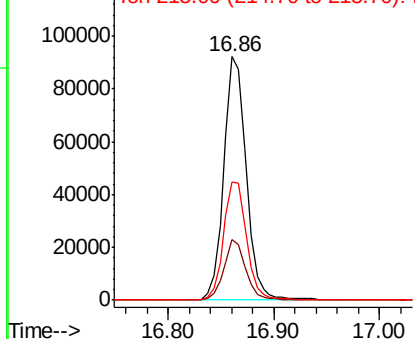


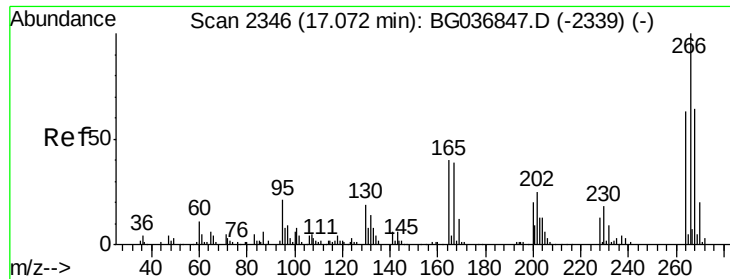
#68  
Atrazine  
Concen: 39.112 ng  
RT: 16.86 min Scan# 2310  
Delta R.T. -0.02 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

Tgt Ion:200 Resp: 136315  
Ion Ratio Lower Upper  
200 100  
173 25.1 3.9 43.9  
215 48.5 30.4 70.4



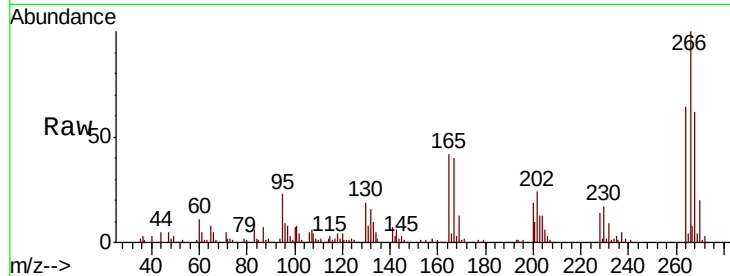
Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E



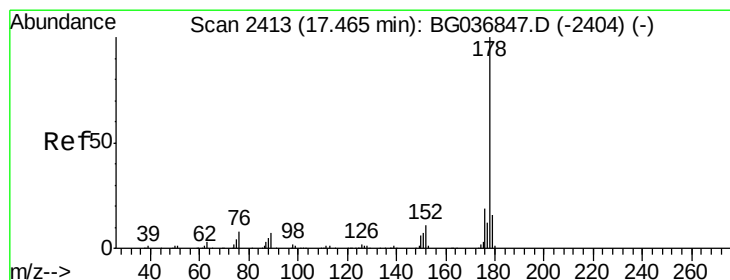
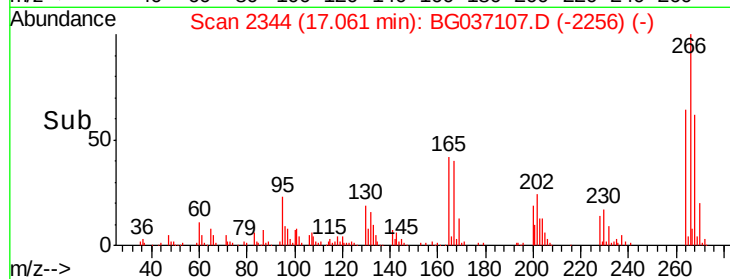
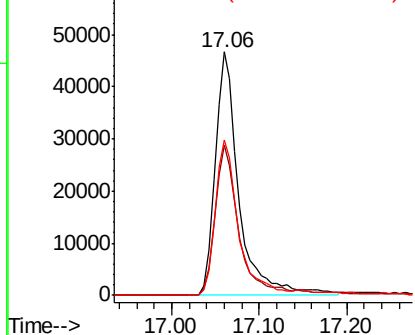


#69  
 Pentachlorophenol  
 Concen: 38.055 ng  
 RT: 17.06 min Scan# 2344  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

Tot Ion:266 Resp: 87514  
 Ion Ratio Lower Upper  
 266 100  
 268 61.9 51.4 77.2  
 264 64.0 48.9 73.3

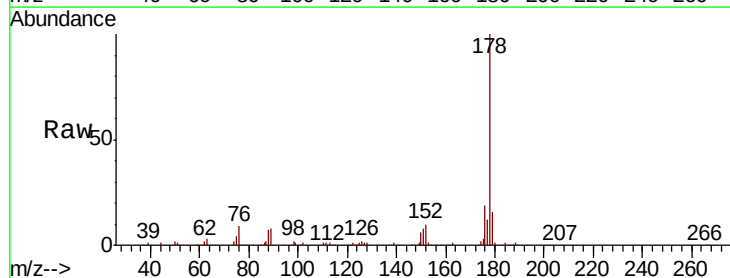


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

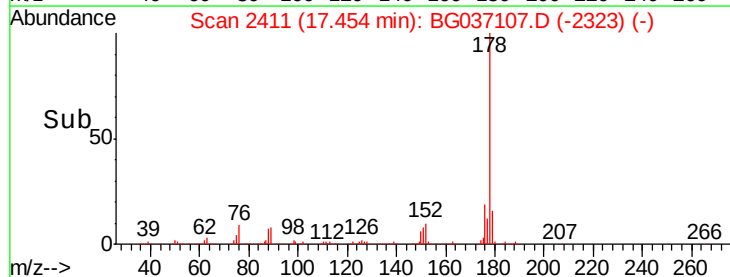
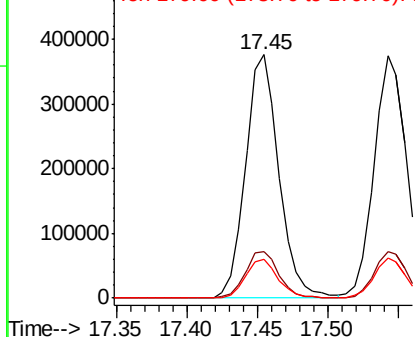


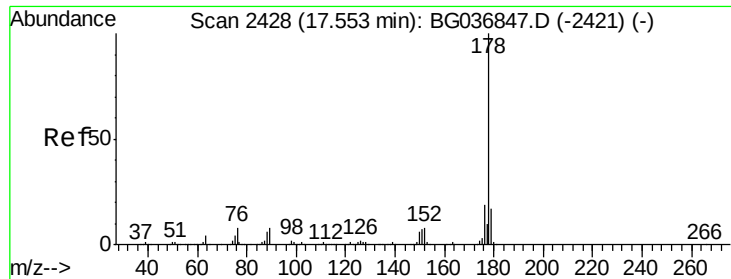
#70  
 Phenanthrene  
 Concen: 41.498 ng  
 RT: 17.45 min Scan# 2411  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

Tgt Ion:178 Resp: 623501  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.4 23.2  
 179 15.8 13.4 20.2



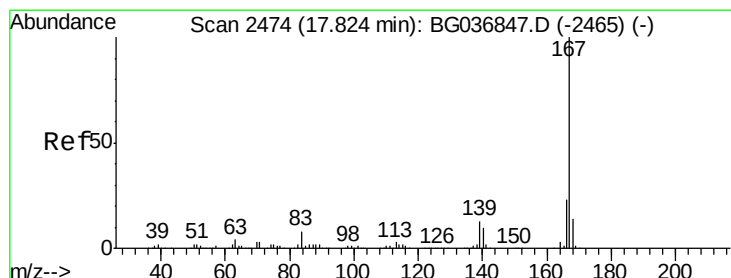
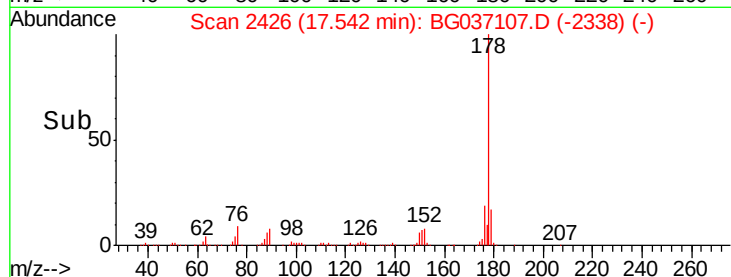
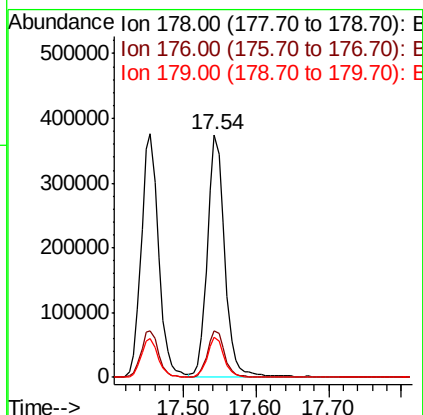
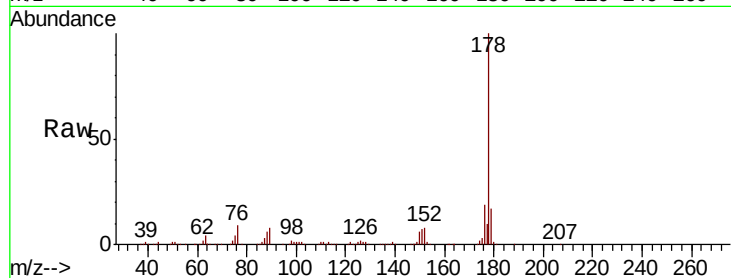
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





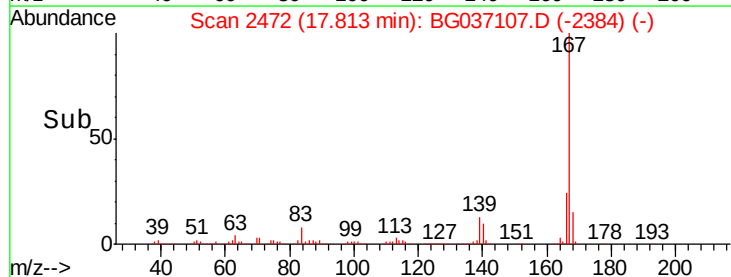
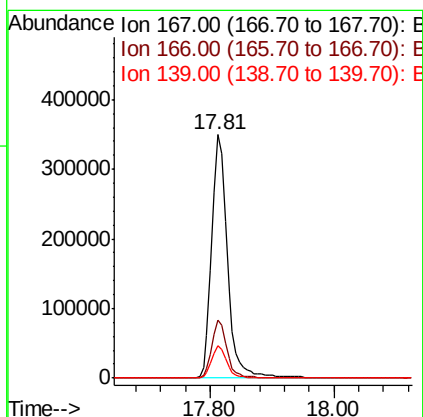
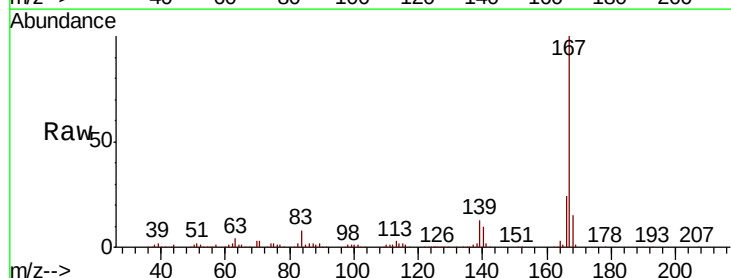
#71  
 Anthracene  
 Concen: 41.979 ng  
 RT: 17.54 min Scan# 2426  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

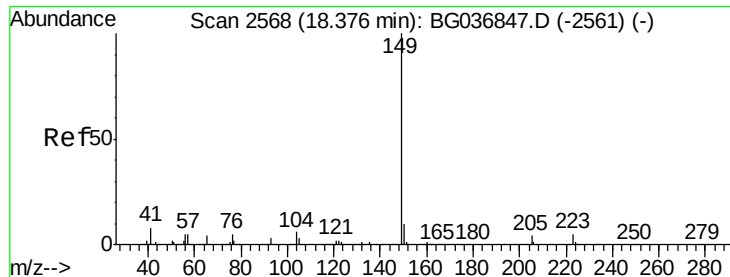
Tot Ion:178 Resp: 623679  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 15.4 23.2  
 179 16.5 13.0 19.4



#72  
 Carbazole  
 Concen: 42.419 ng  
 RT: 17.81 min Scan# 2472  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

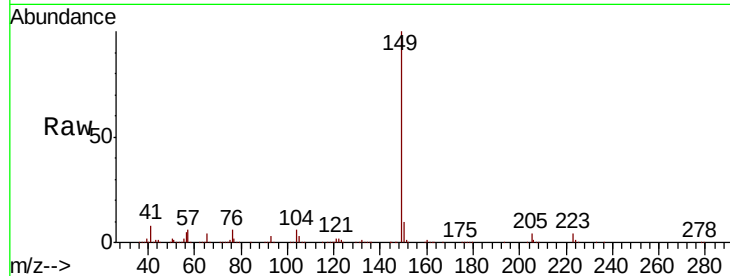
Tgt Ion:167 Resp: 614454  
 Ion Ratio Lower Upper  
 167 100  
 166 23.8 19.5 29.3  
 139 13.1 10.7 16.1



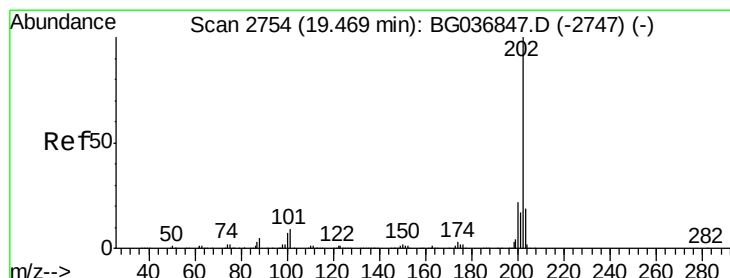
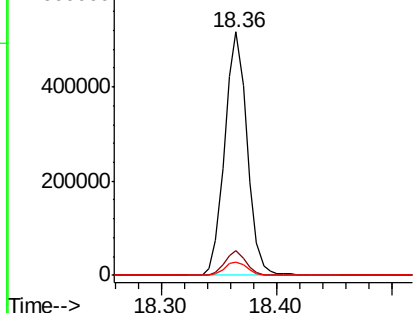
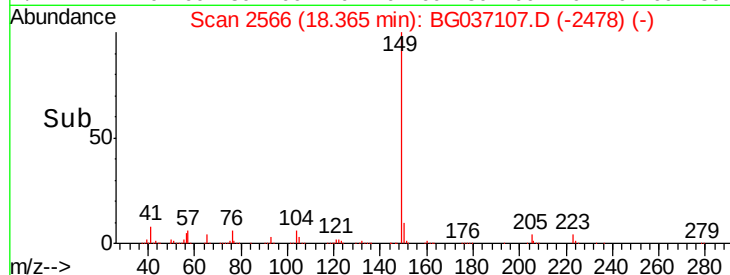


#73  
Di-n-butylphthalate  
Concen: 43.134 ng  
RT: 18.36 min Scan# 2566  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

Tot Ion:149 Resp: 693885  
Ion Ratio Lower Upper  
149 100  
150 10.2 8.1 12.1  
104 5.7 4.6 6.8

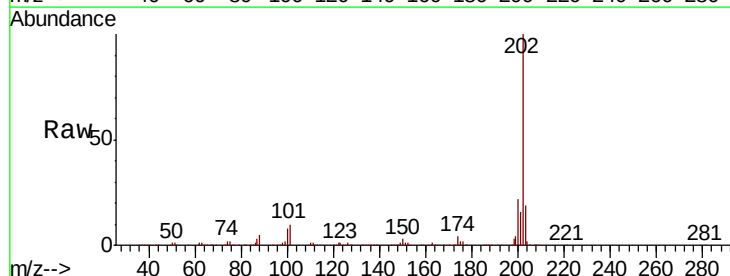


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E

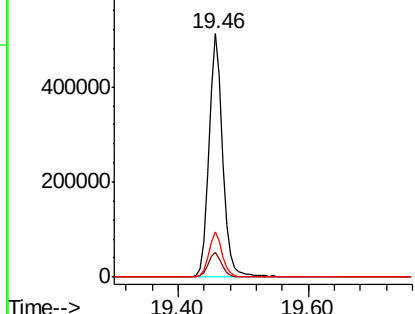
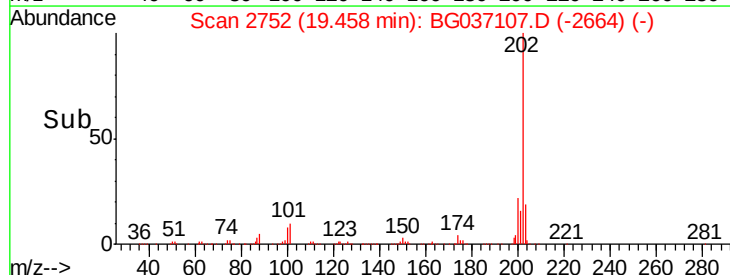


#74  
Fluoranthene  
Concen: 41.058 ng  
RT: 19.46 min Scan# 2752  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

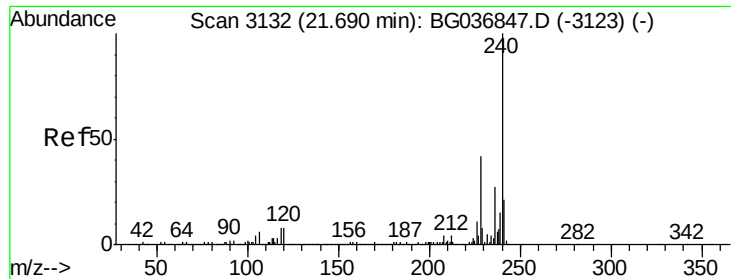
Tgt Ion:202 Resp: 742563  
Ion Ratio Lower Upper  
202 100  
101 10.0 0.0 29.4  
203 18.7 0.0 38.9



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







#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

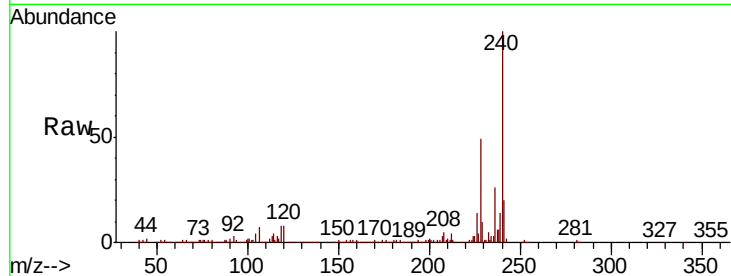
Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

Tot Ion:240 Resp: 314677

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 8.5   | 6.9   | 10.3  |
| 236 | 25.9  | 21.2  | 31.8  |

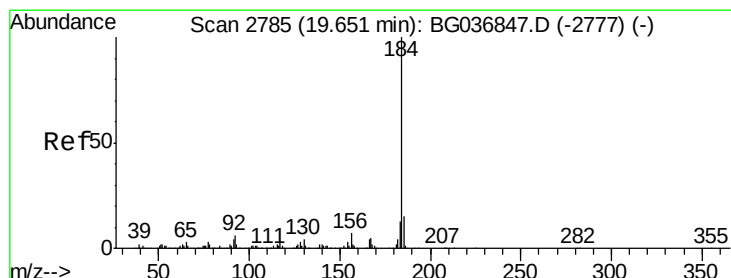
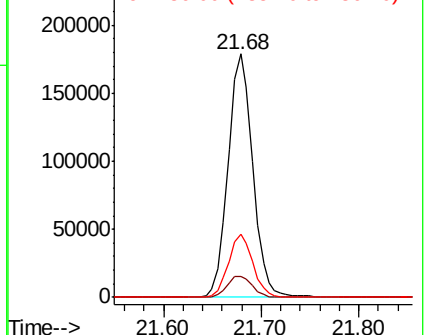
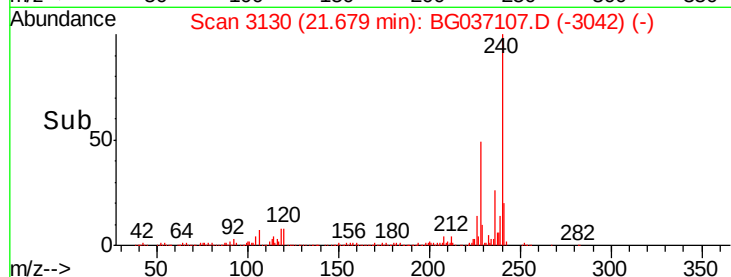


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.972 ng

RT: 19.64 min Scan# 2783

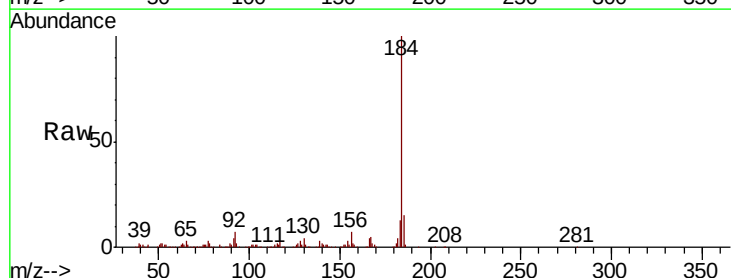
Delta R.T. -0.01 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

Tgt Ion:184 Resp: 418284

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.1  | 12.6  | 18.8  |
| 183 | 13.5  | 10.9  | 16.3  |

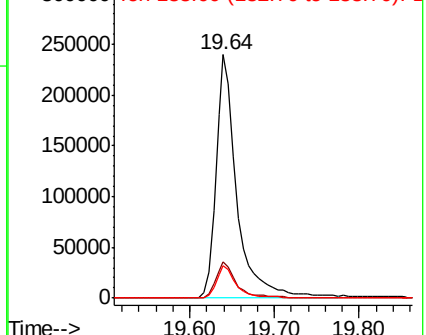
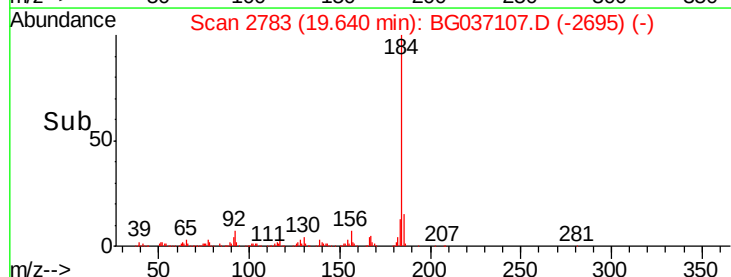


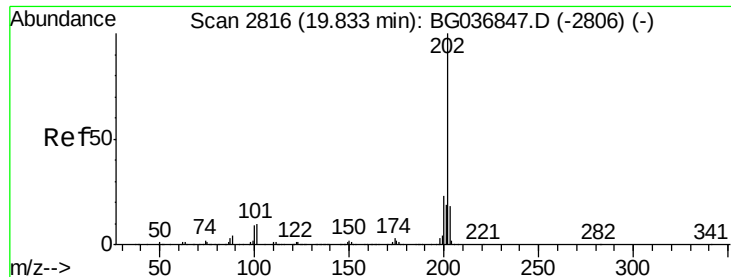
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

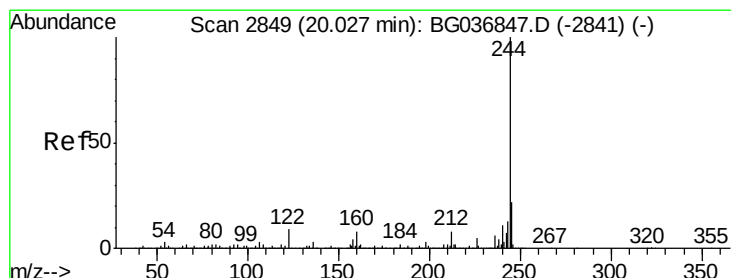
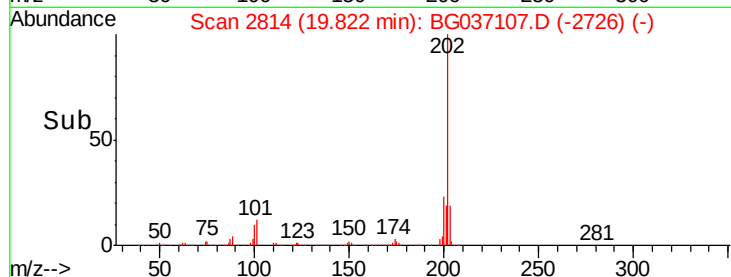
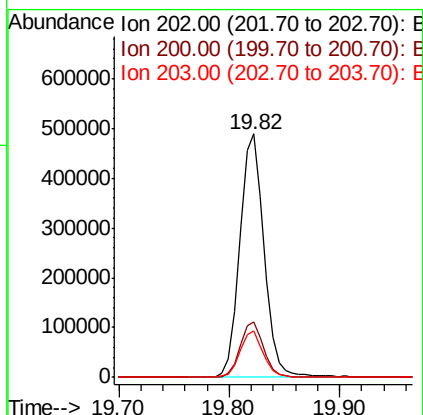
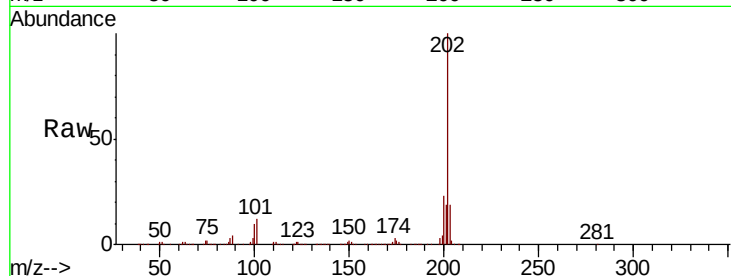
Ion 183.00 (182.70 to 183.70): E





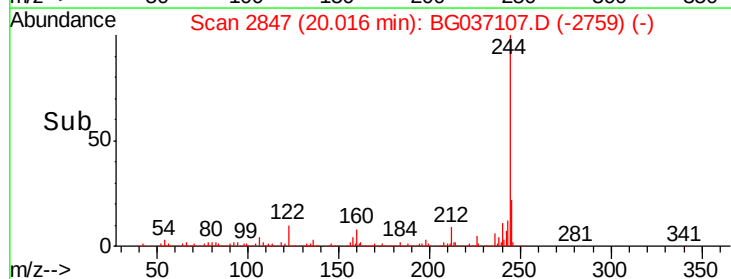
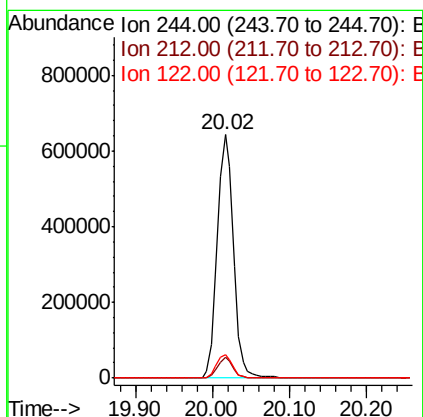
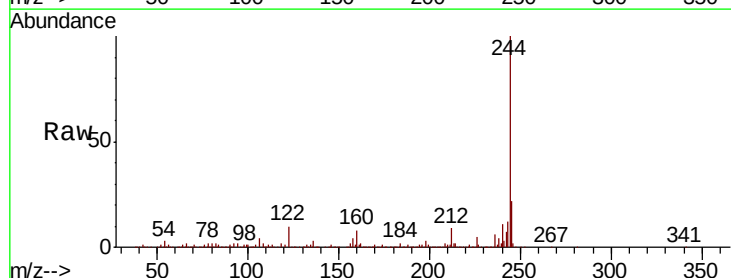
#77  
Pvrene  
Concen: 39.908 ng  
RT: 19.82 min Scan# 2814  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

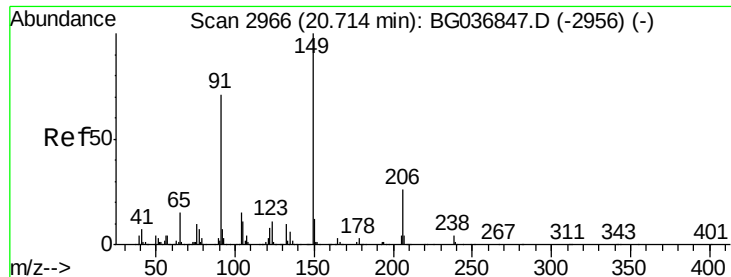
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 202   | Resp: | 753591 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 23.0  | 18.3  | 27.5   |
| 203      | 18.8  | 15.1  | 22.7   |



#78  
Terphenyl-d14  
Concen: 77.500 ng  
RT: 20.02 min Scan# 2847  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

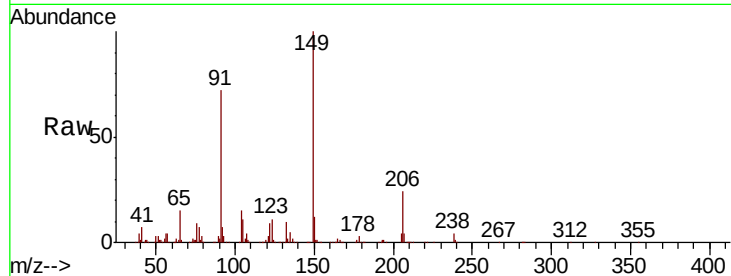
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 244   | Resp: | 927459 |
| Ion      | Ratio | Lower | Upper  |
| 244      | 100   |       |        |
| 212      | 8.6   | 7.0   | 10.6   |
| 122      | 9.8   | 7.1   | 10.7   |



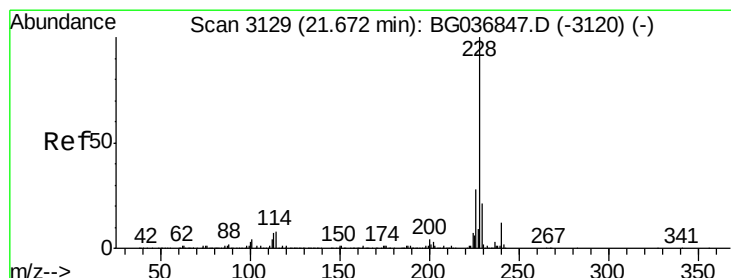
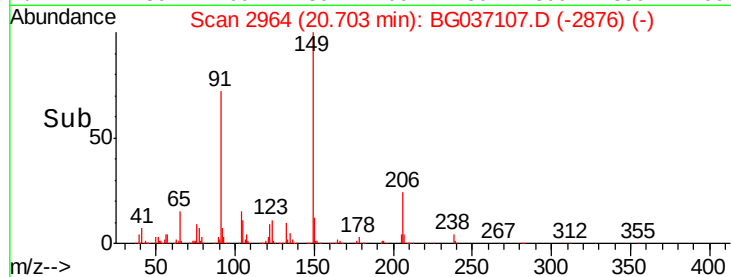
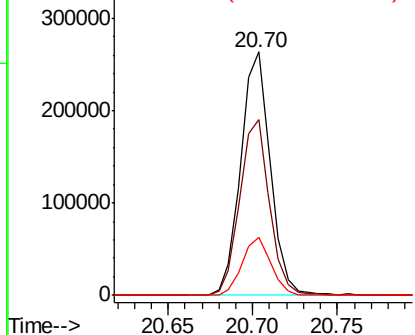


#79  
Butylbenzylphthalate  
Concen: 42.747 ng  
RT: 20.70 min Scan# 2964  
Delta R.T. -0.01 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.1  | 62.0  | 93.0  |
| 206     | 24.1  | 19.6  | 29.4  |

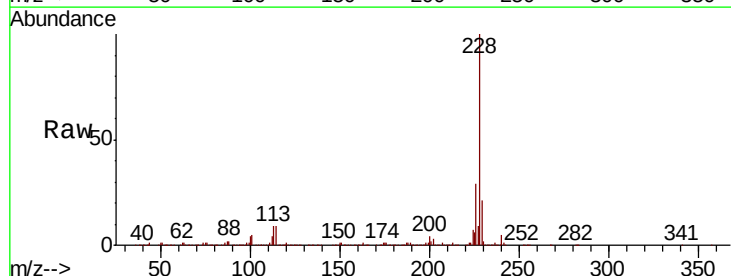


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BG  
Ion 206.00 (205.70 to 206.70): E

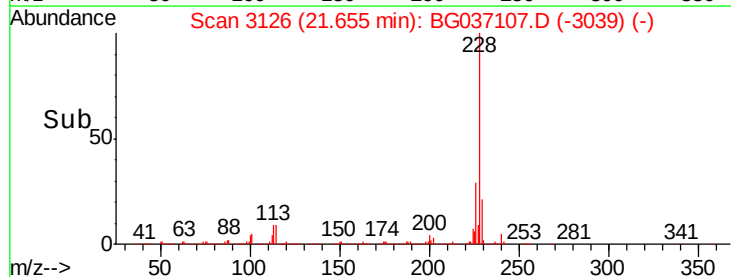
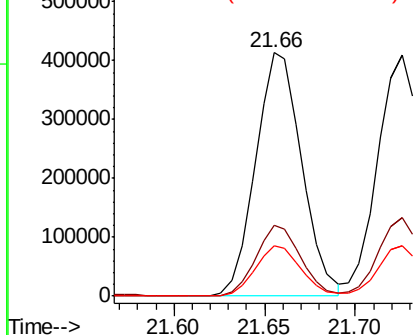


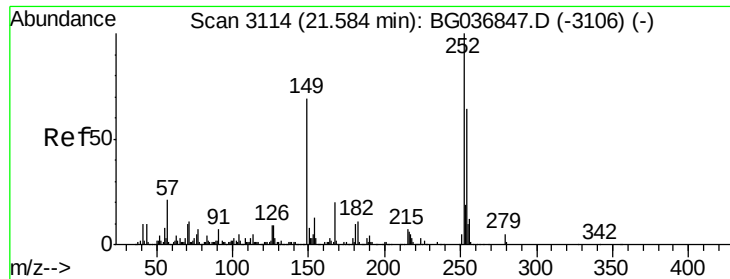
#80  
Benzo(a)anthracene  
Concen: 39.829 ng  
RT: 21.66 min Scan# 3126  
Delta R.T. -0.02 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.9  | 23.4  | 35.2  |
| 229     | 20.5  | 17.1  | 25.7  |



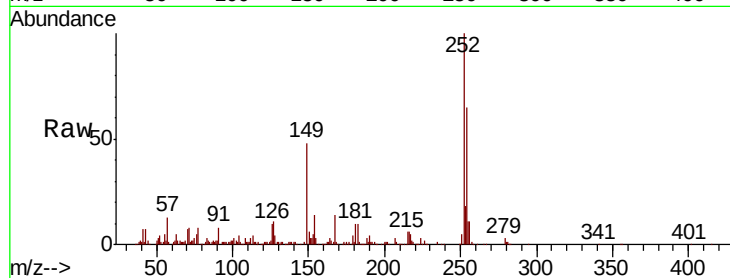
Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E





#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.574 ng  
 RT: 21.57 min Scan# 3112  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.9  | 51.0  | 76.4  |
| 126     | 9.8   | 7.4   | 11.0  |

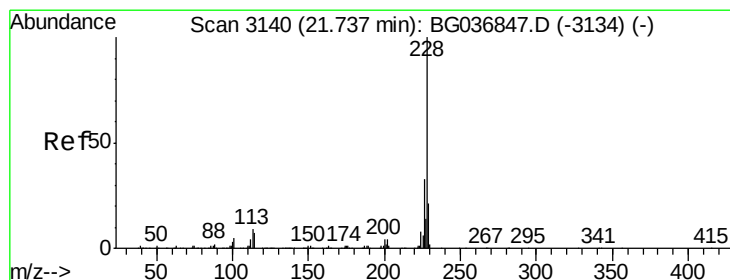
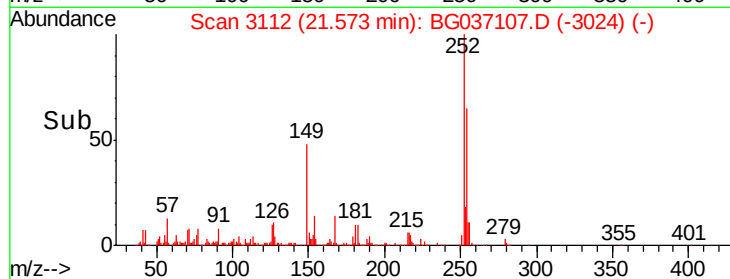
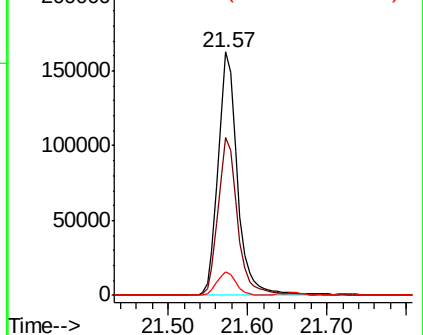


Abundance

Ion 252.00 (251.70 to 252.70): E

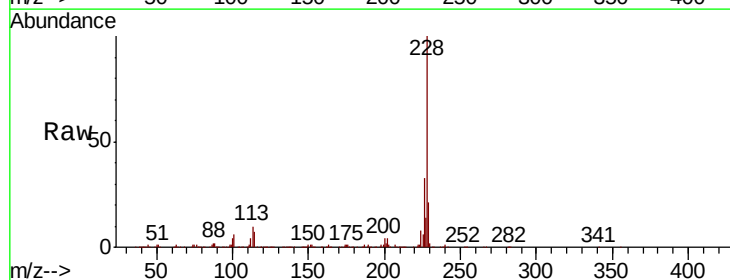
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82  
 Chrysene  
 Concen: 40.338 ng  
 RT: 21.73 min Scan# 3138  
 Delta R.T. -0.01 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.7  | 25.5  | 38.3  |
| 229     | 21.0  | 16.9  | 25.3  |

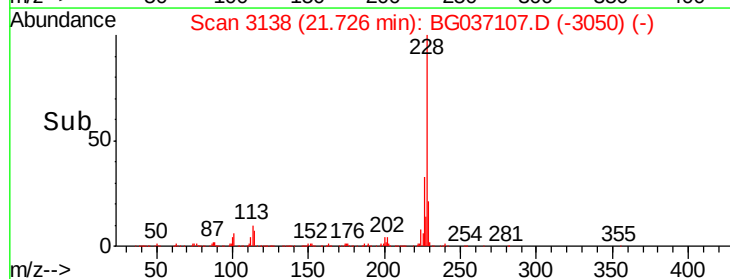
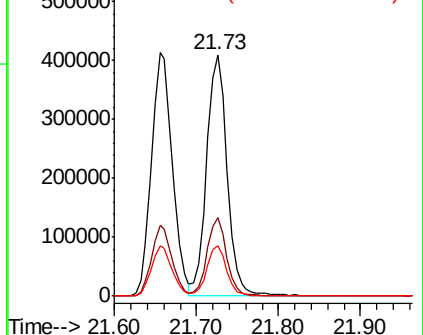


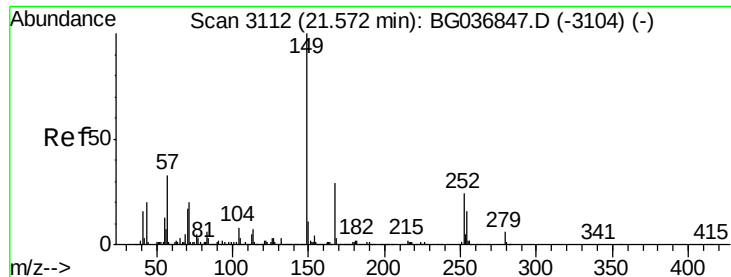
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

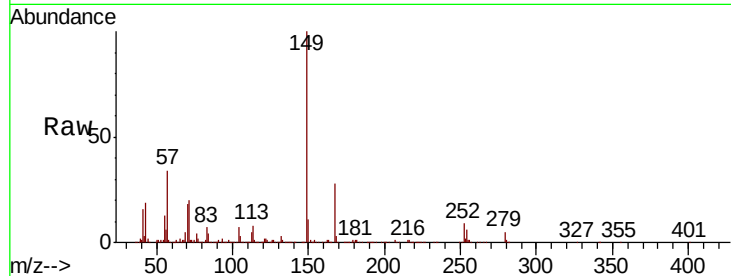
Ion 229.00 (228.70 to 229.70): E



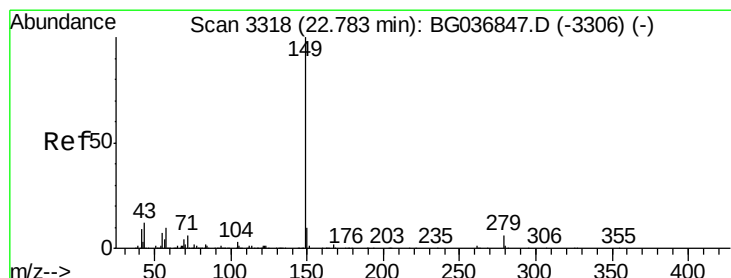
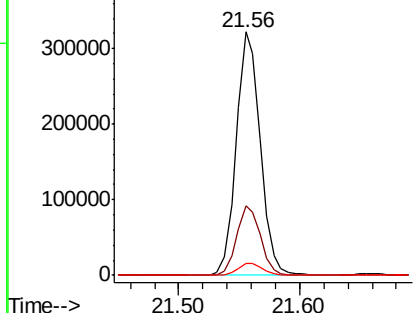
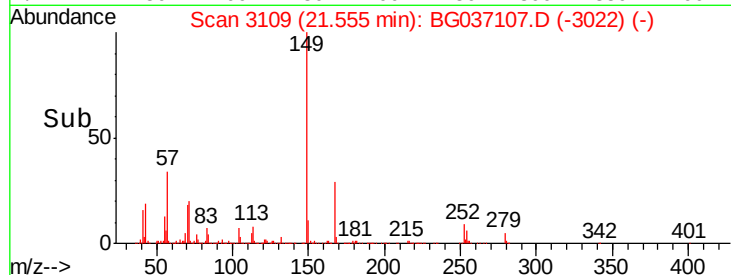


#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.453 ng  
 RT: 21.56 min Scan# 3109  
 Delta R.T. -0.02 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.5  | 23.4  | 35.0  |
| 279     | 4.9   | 4.6   | 7.0   |

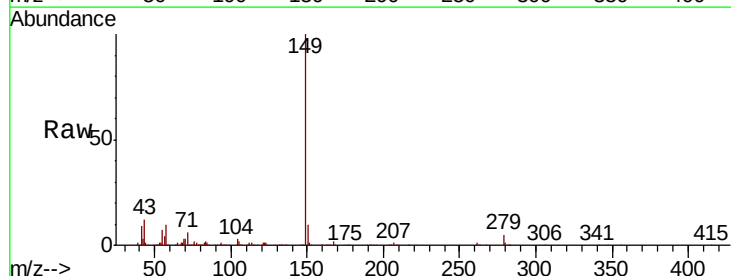


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

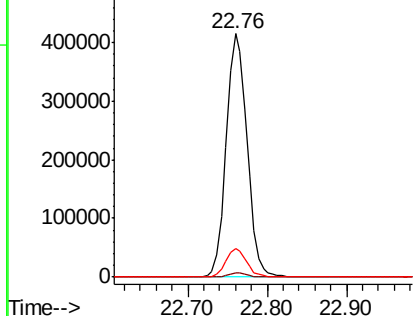
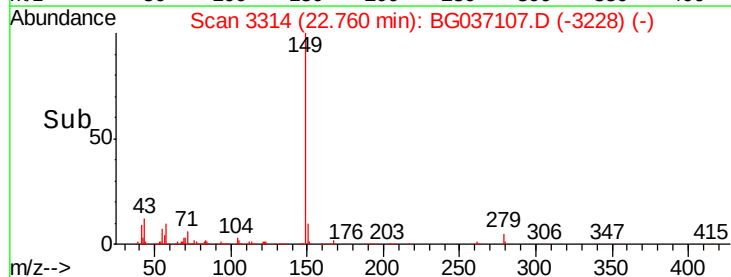


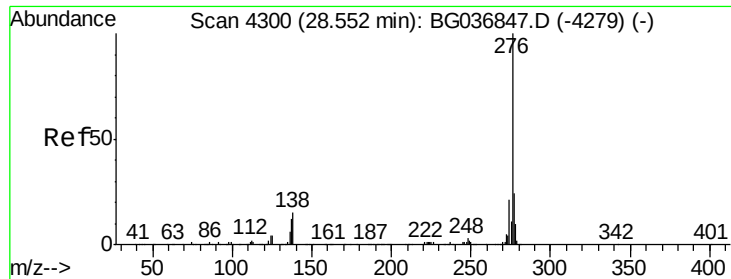
#84  
 Di-n-octyl phthalate  
 Concen: 43.383 ng  
 RT: 22.76 min Scan# 3314  
 Delta R.T. -0.02 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 11.8  | 10.0  | 15.0  |



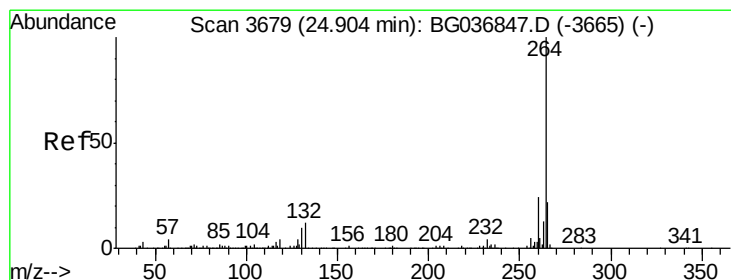
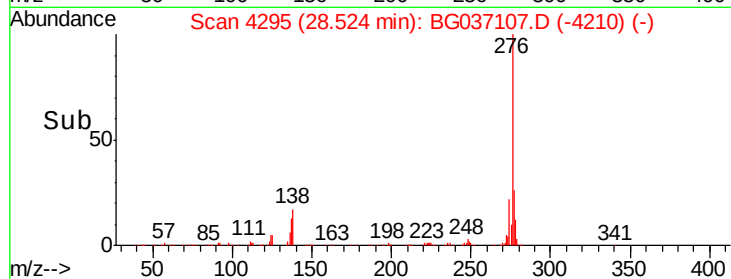
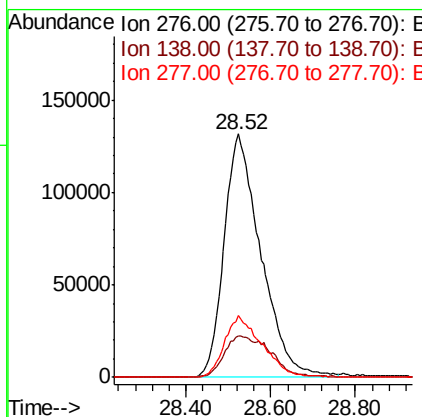
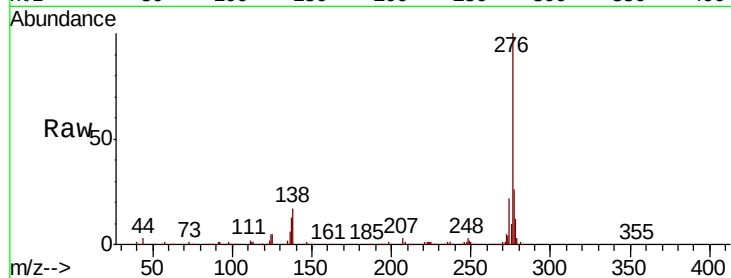
Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BGC





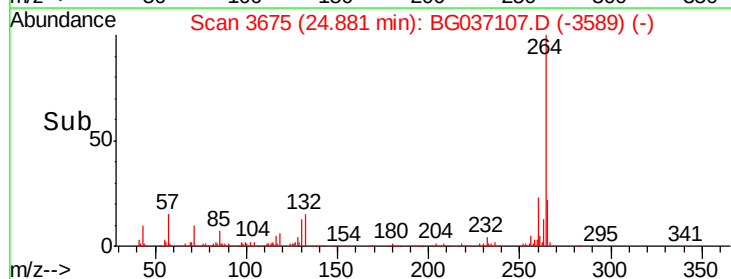
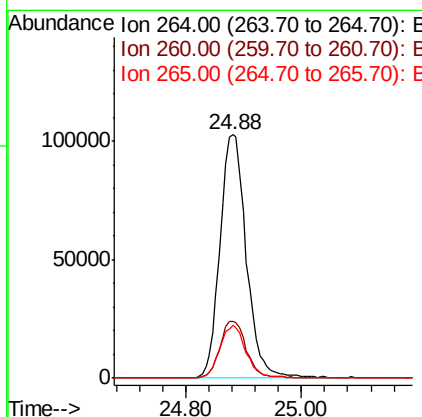
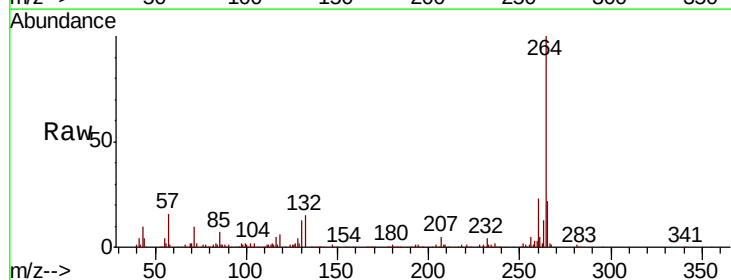
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.713 ng  
 RT: 28.52 min Scan# 4295  
 Delta R.T. -0.03 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

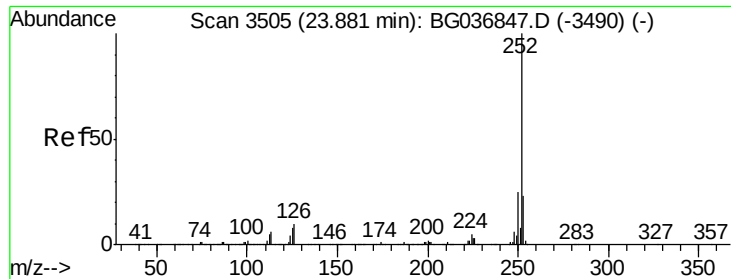
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.3  | 10.6  | 15.8  |
| 277     | 25.6  | 20.6  | 30.8  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.88 min Scan# 3675  
 Delta R.T. -0.02 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

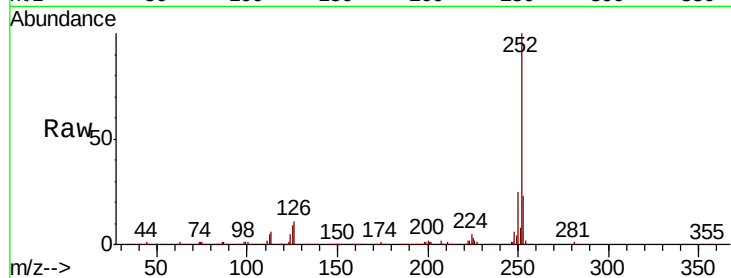
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 19.6  | 29.4  |
| 265     | 22.0  | 17.4  | 26.0  |



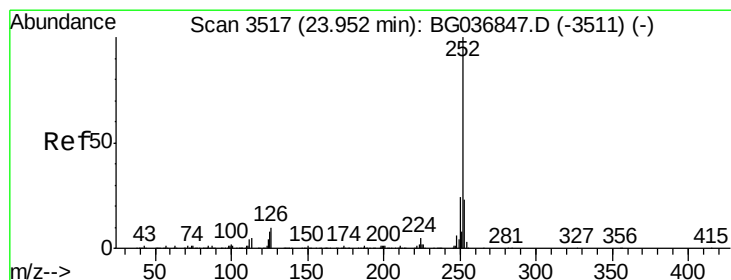
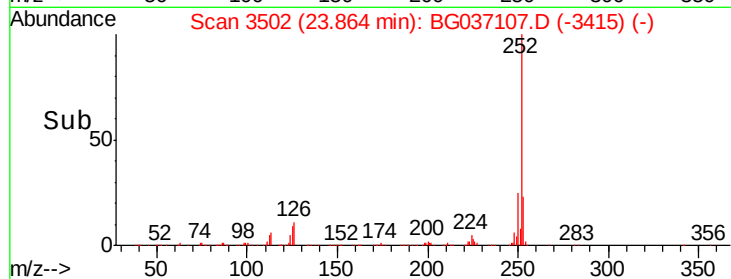
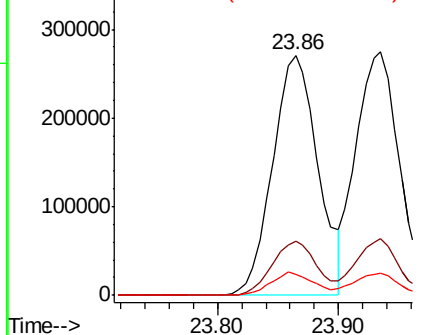


#87  
Benzo(b)fluoranthene  
Concen: 40.570 ng  
RT: 23.86 min Scan# 3502  
Delta R.T. -0.02 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.1  | 25.7  |
| 125     | 9.0   | 6.6   | 10.0  |

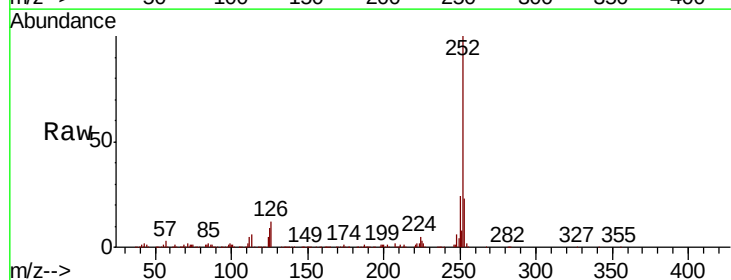


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

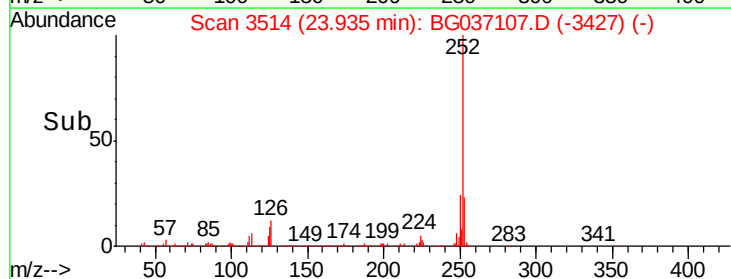
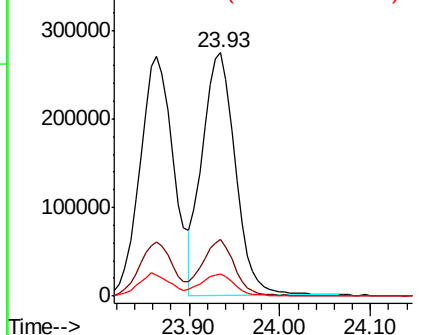


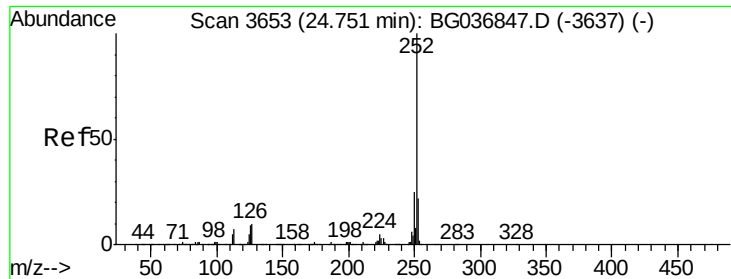
#88  
Benzo(k)fluoranthene  
Concen: 40.034 ng  
RT: 23.93 min Scan# 3514  
Delta R.T. -0.02 min  
Lab File: BG037107.D  
Acq: 2 Oct 2018 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 18.0  | 27.0  |
| 125     | 9.2   | 7.0   | 10.6  |



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





#89

Benzo(a)pyrene

Concen: 40.611 ng

RT: 24.73 min Scan# 3650

Delta R.T. -0.02 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

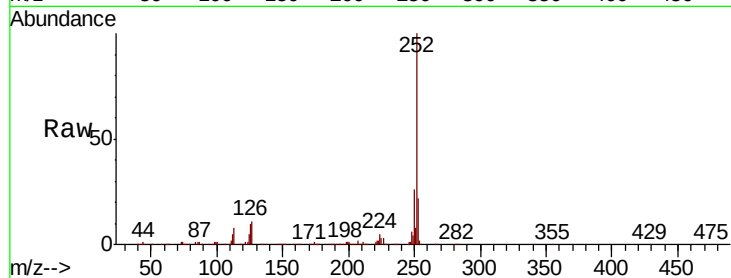
Tot Ion:252 Resp: 680374

Ion Ratio Lower Upper

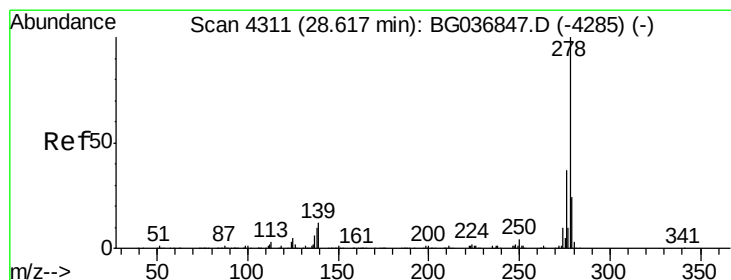
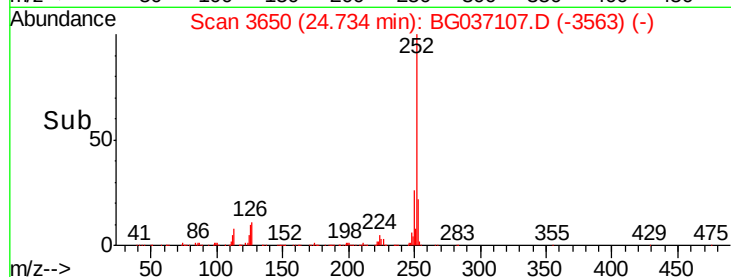
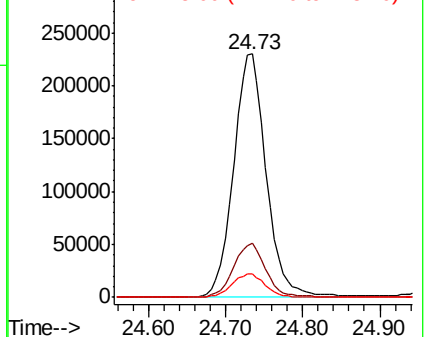
252 100

253 22.3 18.2 27.2

125 9.6 7.3 10.9



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



#90

Dibenzo(a,h)anthracene

Concen: 41.176 ng

RT: 28.59 min Scan# 4306

Delta R.T. -0.03 min

Lab File: BG037107.D

Acq: 2 Oct 2018 16:41

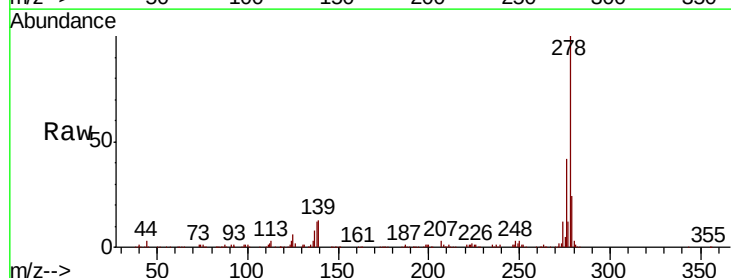
Tgt Ion:278 Resp: 646518

Ion Ratio Lower Upper

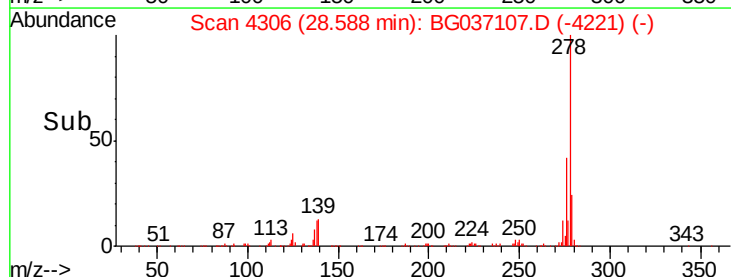
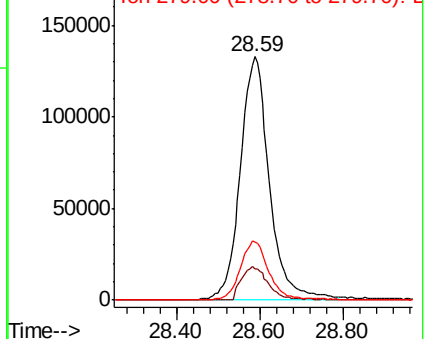
278 100

139 13.0 11.0 16.4

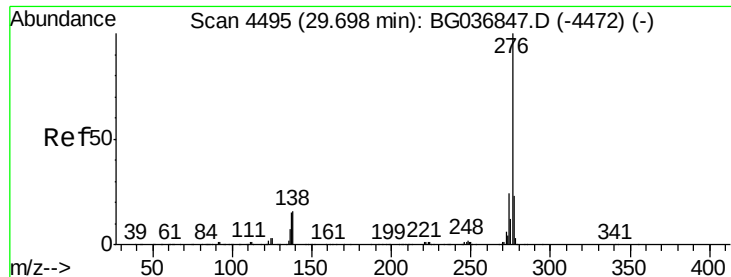
279 23.7 18.7 28.1



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

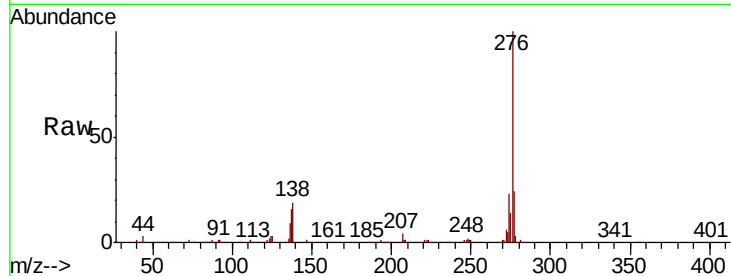






#91  
 Benzo(a,h,i)perylene  
 Concen: 40.931 ng  
 RT: 29.66 min Scan# 4489  
 Delta R.T. -0.03 min  
 Lab File: BG037107.D  
 Acq: 2 Oct 2018 16:41

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.5  | 18.4  | 27.6  |
| 138     | 18.9  | 14.6  | 22.0  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

