

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG072718\  
 Data File : BG035945.D  
 Acq On : 27 Jul 2018 20:00  
 Operator : JU/SJ  
 Sample : J4192-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 27 23:16:08 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 25 11:04:14 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 34445    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.82 | 136  | 143225   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.65 | 164  | 112896   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.39 | 188  | 300718   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.66 | 240  | 315130   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.85 | 264  | 307405   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 221507  | 106.77 | ng | 0.00 |
| 7) Phenol-d6             | 7.19  | 99  | 350352  | 113.18 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 221645  | 64.65  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.14 | 330 | 171908  | 115.53 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.27 | 172 | 573677  | 68.08  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.00 | 244 | 1052955 | 73.65  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 22610  | 21.412 | ng | # 74   |
| 3) Pyridine                    | 3.91  | 79  | 63627  | 23.081 | ng | # 75   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 29503  | 24.925 | ng | # 58   |
| 6) Aniline                     | 7.35  | 93  | 107296 | 26.743 | ng | 96     |
| 8) 2-Chlorophenol              | 7.59  | 128 | 76103  | 36.066 | ng | 95     |
| 9) Benzaldehyde                | 7.16  | 77  | 56800  | 29.906 | ng | 98     |
| 10) Phenol                     | 7.22  | 94  | 126138 | 40.334 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 76664  | 31.302 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 79653  | 31.259 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 82109  | 31.714 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 79481  | 31.956 | ng | 99     |
| 15) Benzyl Alcohol             | 8.26  | 79  | 87890  | 31.267 | ng | 89     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 86474  | 42.115 | ng | 77     |
| 17) 2-Methylphenol             | 8.47  | 107 | 80253  | 37.744 | ng | # 92   |
| 18) Hexachloroethane           | 9.10  | 117 | 29292  | 29.590 | ng | # 84   |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 75722  | 29.050 | ng | # 81   |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 106953 | 36.259 | ng | 98     |
| 22) Acetophenone               | 8.84  | 105 | 138950 | 31.197 | ng | # 95   |
| 24) Nitrobenzene               | 9.23  | 77  | 111264 | 32.269 | ng | # 90   |
| 25) Isophorone                 | 9.74  | 82  | 220242 | 34.605 | ng | 96     |
| 26) 2-Nitrophenol              | 9.75  | 139 | 3322   | 2.713  | ng | 92     |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 86458  | 41.709 | ng | 91     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 117482 | 33.499 | ng | 95     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 94248  | 39.831 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 101633 | 35.028 | ng | 95     |
| 31) Naphthalene                | 10.88 | 128 | 246790 | 33.079 | ng | 99     |
| 32) Benzoic acid               | 10.15 | 122 | 5752   | 4.122  | ng | 93     |
| 33) 4-Chloroaniline            | 10.99 | 127 | 64325  | 19.782 | ng | 92     |
| 34) Hexachlorobutadiene        | 11.16 | 225 | 73099  | 32.309 | ng | 92     |
| 35) Caprolactam                | 11.76 | 113 | 18365  | 18.086 | ng | # 62   |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 118916 | 37.493 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 201414 | 36.236 | ng | 93     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216 | 138888 | 32.595 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.82 | 237 | 157334 | 70.405 | ng | 97     |

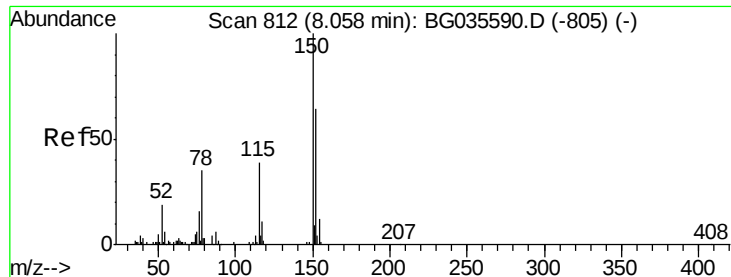
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG072718\  
 Data File : BG035945.D  
 Acq On : 27 Jul 2018 20:00  
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 Sample : J4192-01MSD  
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 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 27 23:16:08 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 25 11:04:14 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 42) 2,4,6-Trichlorophenol      | 13.09 | 196  | 90621    | 36.366 | ng    | 95       |
| 43) 2,4,5-Trichlorophenol      | 13.17 | 196  | 97171    | 34.857 | ng    | 96       |
| 45) 1,1'-Biphenyl              | 13.48 | 154  | 282781   | 32.308 | ng    | 95       |
| 46) 2-Chloronaphthalene        | 13.53 | 162  | 232502   | 34.150 | ng    | 98       |
| 47) 2-Nitroaniline             | 13.73 | 65   | 79298    | 32.945 | ng    | 92       |
| 48) Acenaphthylene             | 14.37 | 152  | 387528   | 33.980 | ng    | 98       |
| 49) Dimethylphthalate          | 14.10 | 163  | 365671   | 36.969 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.22 | 165  | 73527    | 36.503 | ng    | 89       |
| 51) Acenaphthene               | 14.71 | 154  | 223598   | 31.473 | ng    | 92       |
| 52) 3-Nitroaniline             | 14.55 | 138  | 51960    | 25.239 | ng #  | 96       |
| 53) 2,4-Dinitrophenol          | 14.77 | 184  | 48791    | 49.811 | ng #  | 61       |
| 54) Dibenzofuran               | 15.05 | 168  | 385734   | 34.140 | ng    | 93       |
| 55) 4-Nitrophenol              | 14.87 | 139  | 96093    | 65.542 | ng #  | 85       |
| 56) 2,4-Dinitrotoluene         | 15.01 | 165  | 108526   | 37.556 | ng #  | 90       |
| 57) Fluorene                   | 15.69 | 166  | 317619   | 33.540 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 100391   | 37.560 | ng #  | 91       |
| 59) Diethylphthalate           | 15.46 | 149  | 327061   | 32.157 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.68 | 204  | 182221   | 32.739 | ng    | 95       |
| 61) 4-Nitroaniline             | 15.72 | 138  | 71073    | 33.004 | ng #  | 75       |
| 62) Azobenzene                 | 15.98 | 77   | 326415   | 32.536 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 60013    | 35.850 | ng    | 85       |
| 65) n-Nitrosodiphenylamine     | 15.90 | 169  | 284120   | 33.193 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.58 | 248  | 120860   | 34.642 | ng    | 98       |
| 67) Hexachlorobenzene          | 16.70 | 284  | 129545   | 36.056 | ng    | 94       |
| 68) Atrazine                   | 16.85 | 200  | 125012   | 35.472 | ng    | 97       |
| 69) Pentachlorophenol          | 17.05 | 266  | 116177   | 53.088 | ng    | 97       |
| 70) Phenanthrene               | 17.43 | 178  | 516041   | 34.391 | ng    | 97       |
| 71) Anthracene                 | 17.53 | 178  | 532747   | 35.656 | ng    | 99       |
| 72) Carbazole                  | 17.80 | 167  | 476792   | 33.602 | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.34 | 149  | 539812   | 32.193 | ng #  | 98       |
| 74) Fluoranthene               | 19.44 | 202  | 665784   | 32.940 | ng    | 97       |
| 76) Benzidine                  | 19.62 | 184  | 298928   | 36.081 | ng    | 98       |
| 77) Pyrene                     | 19.81 | 202  | 674510   | 33.851 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.68 | 149  | 245170   | 34.407 | ng    | 96       |
| 80) Benzo(a)anthracene         | 21.64 | 228  | 677045   | 34.476 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 21.55 | 252  | 162412   | 23.719 | ng    | 97       |
| 82) Chrysene                   | 21.70 | 228  | 632101   | 34.734 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 342885   | 35.395 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.73 | 149  | 582803   | 35.931 | ng #  | 93       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.49 | 276  | 710591   | 35.269 | ng #  | 88       |
| 87) Benzo(b)fluoranthene       | 23.84 | 252  | 640027   | 34.255 | ng #  | 96       |
| 88) Benzo(k)fluoranthene       | 23.91 | 252  | 625420   | 34.239 | ng #  | 96       |
| 89) Benzo(a)pyrene             | 24.71 | 252  | 614953   | 35.378 | ng #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 28.56 | 278  | 591950   | 34.688 | ng #  | 97       |
| 91) Benzo(g,h,i)perylene       | 29.63 | 276  | 594070   | 35.576 | ng #  | 94       |
| -----                          |       |      |          |        |       |          |

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

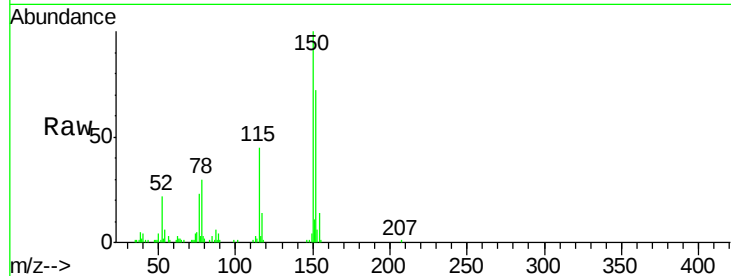




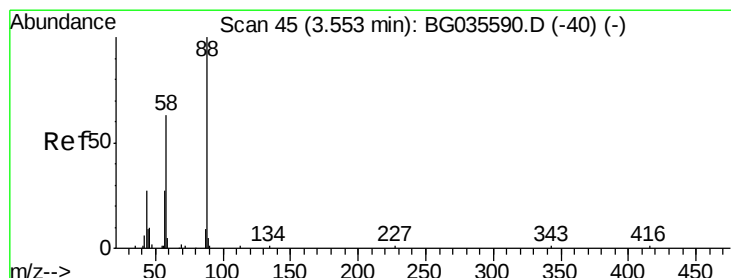
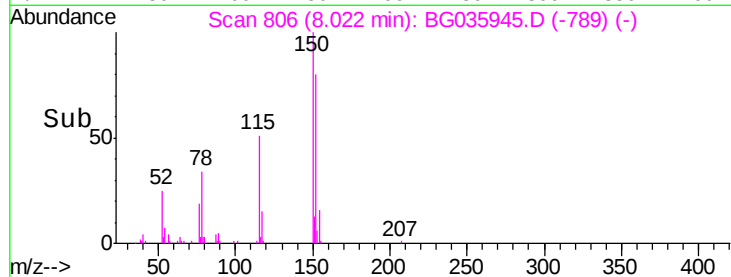
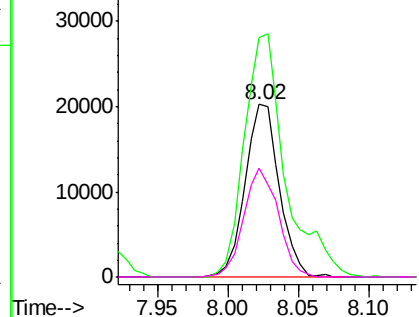
#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 806  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 139.2 | 126.6 | 189.8 |
| 115     | 63.0  | 53.0  | 79.4  |



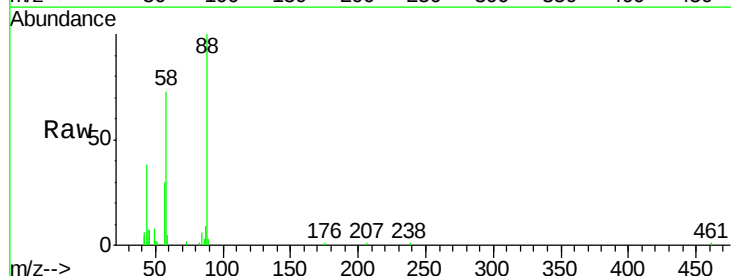
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



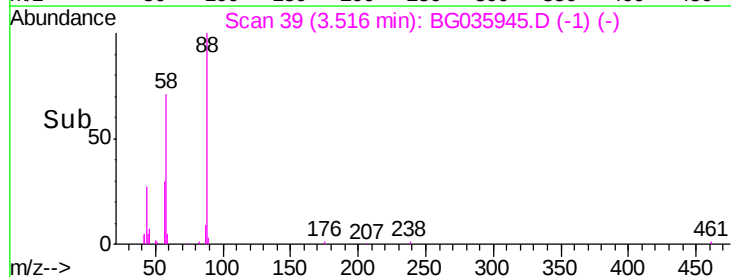
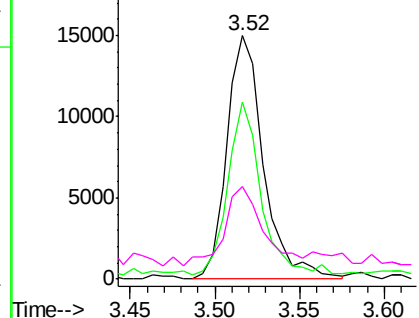
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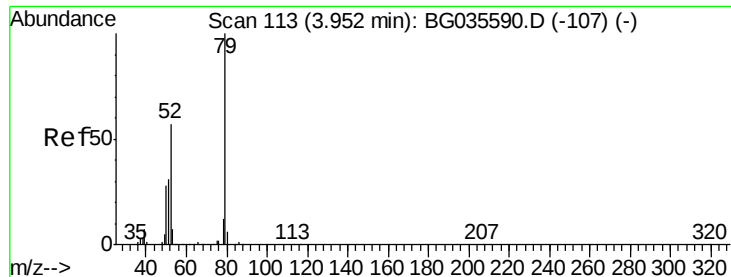
1,4-Dioxane  
Concen: 21.412 ng  
RT: 3.52 min Scan# 39  
Delta R.T. -0.01 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 64.8  | 79.6  | 119.4# |
| 43      | 35.5  | 27.4  | 41.0   |



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





#3

Pyridine

Concen: 23.081 ng

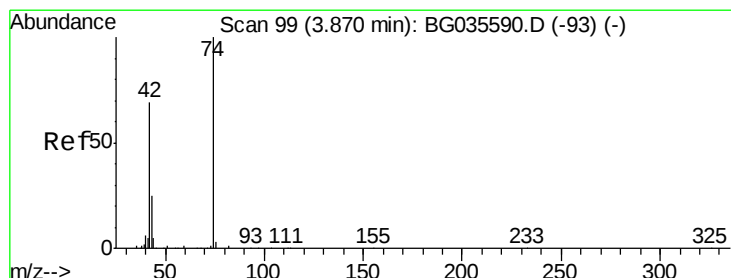
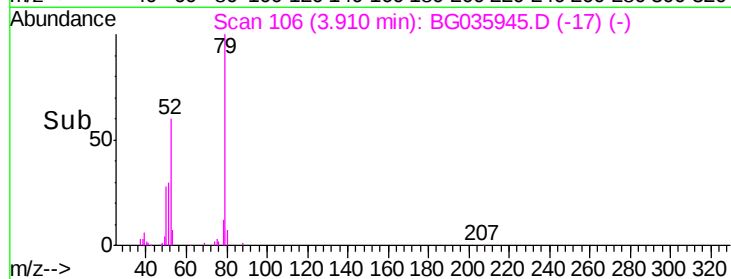
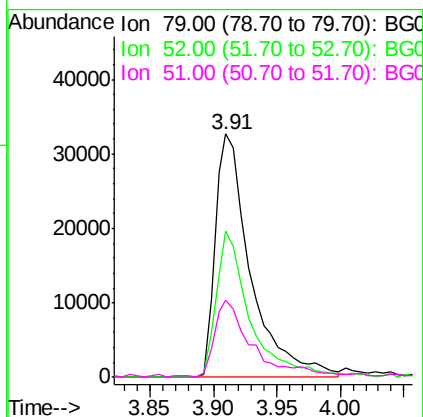
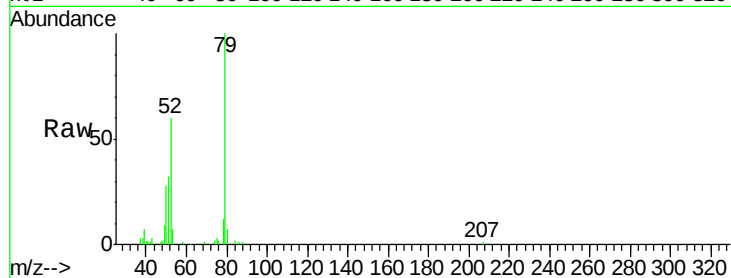
RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 63627  |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 60.3  | 69.9  | 104.9# |
| 51       | 31.9  | 34.0  | 51.0#  |



#4

n-Nitrosodimethylamine

Concen: 24.925 ng

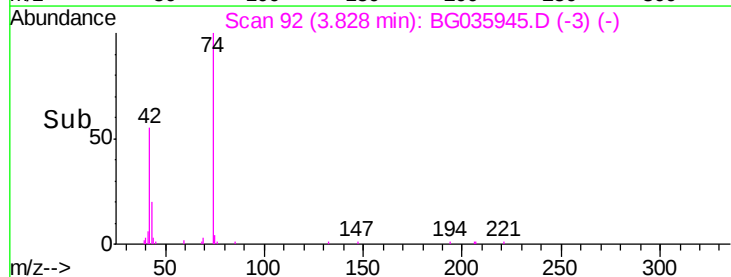
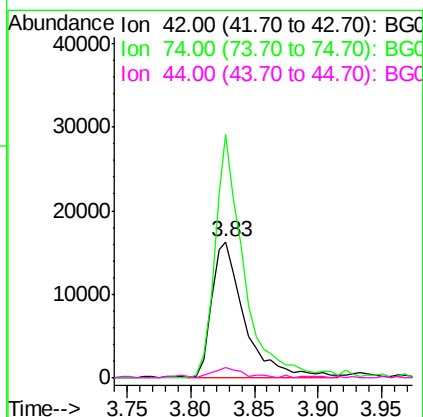
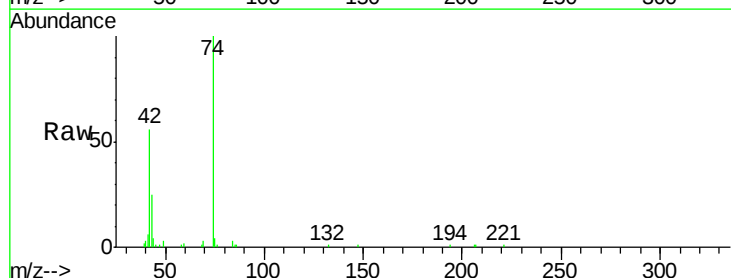
RT: 3.83 min Scan# 92

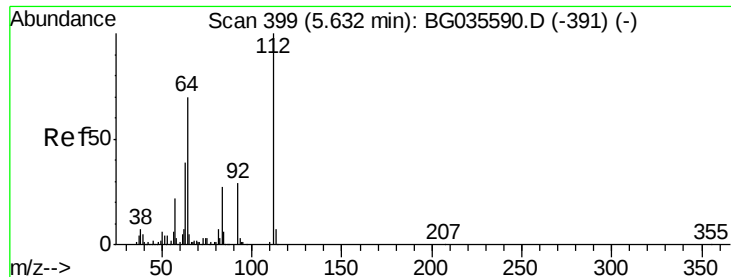
Delta R.T. -0.01 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 29503  |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 178.4 | 102.5 | 153.7# |
| 44       | 7.6   | 18.9  | 28.3#  |





#5

2-Fluorophenol

Concen: 106.765 ng

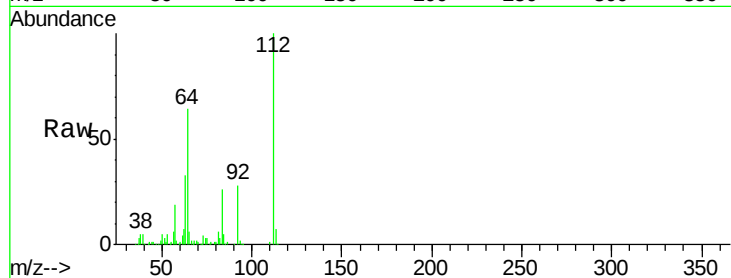
RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

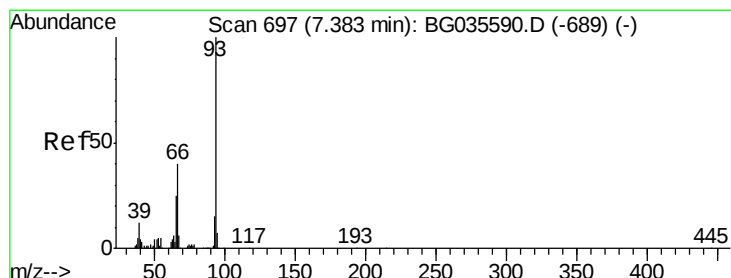
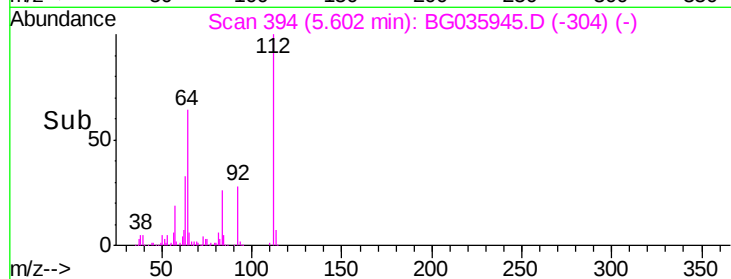
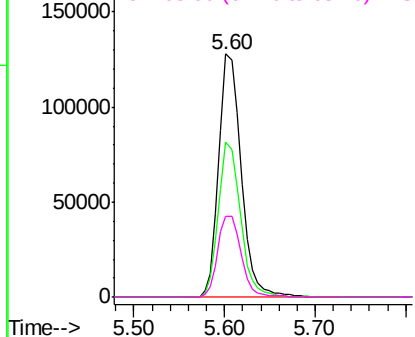
Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 221507 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 63.8  | 56.3  | 84.5   |
| 63       | 33.3  | 30.1  | 45.1   |



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: 26.743 ng

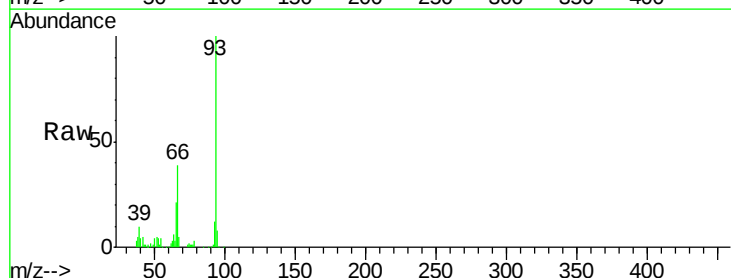
RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

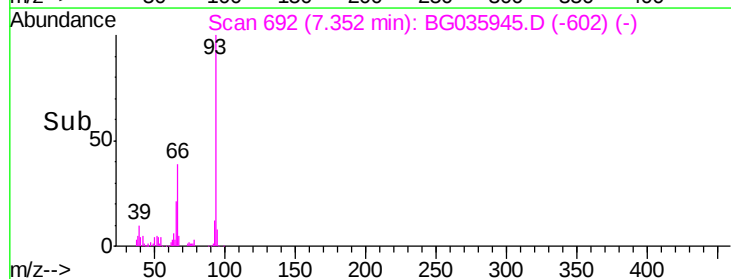
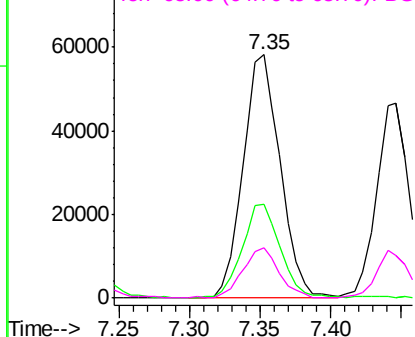
Lab File: BG035945.D

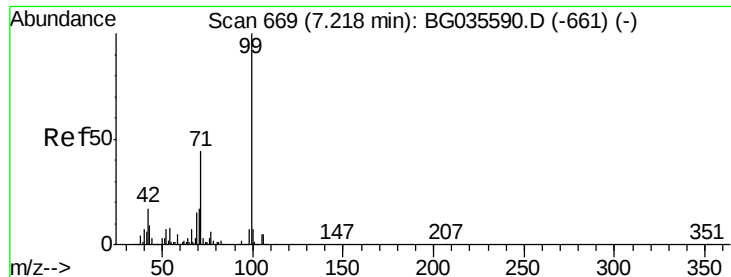
Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 107296 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 38.7  | 33.7  | 50.5   |
| 65       | 20.6  | 16.1  | 24.1   |



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: 113.183 ng

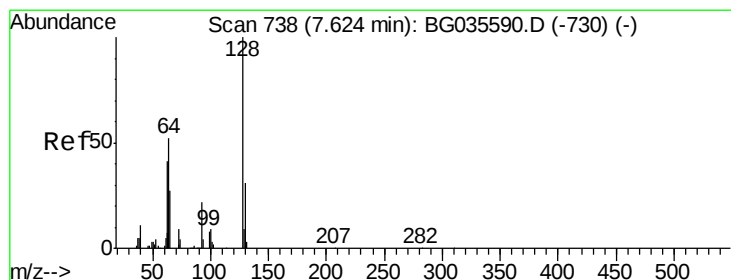
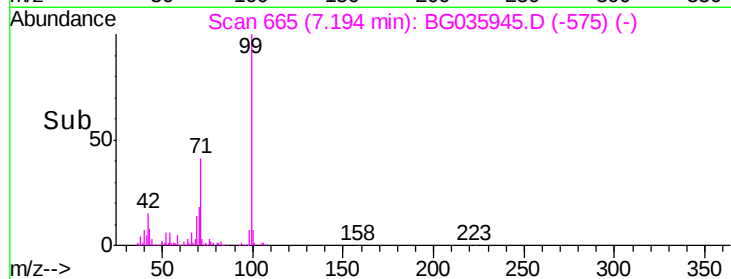
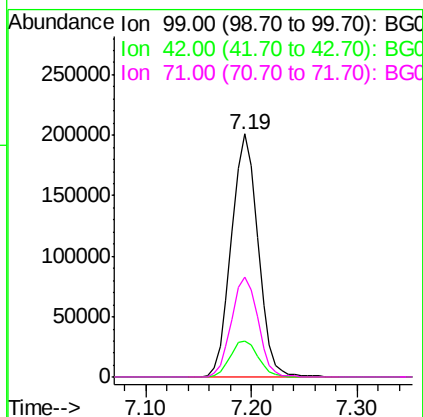
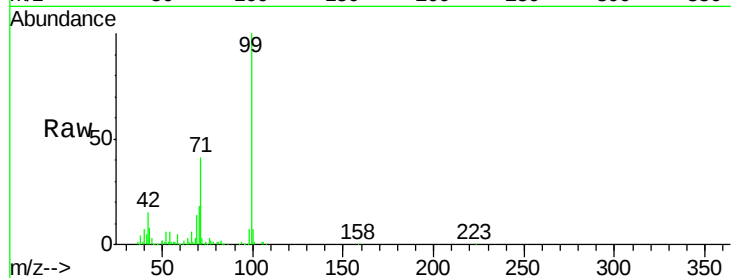
RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 350352 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 14.9  | 14.1  | 21.1   |
| 71       | 40.9  | 26.1  | 39.1#  |



#8

2-Chlorophenol

Concen: 36.066 ng

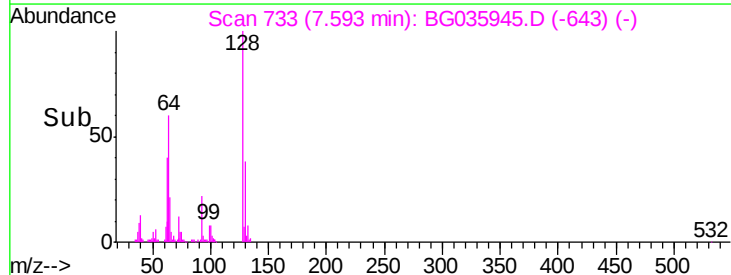
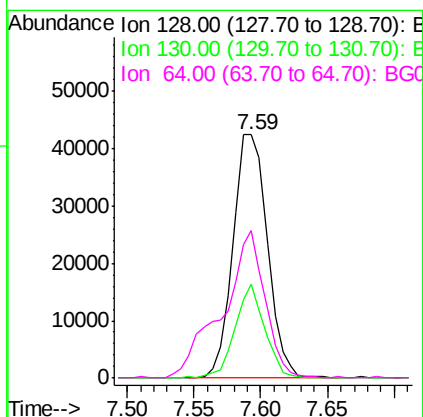
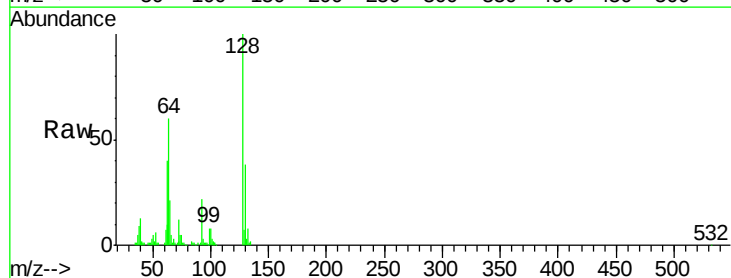
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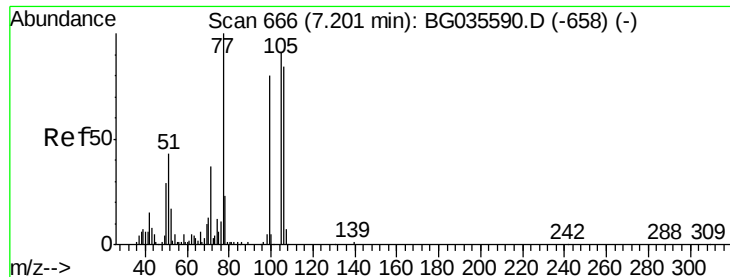
Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 76103 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 38.4  | 14.0  | 54.0  |
| 64       | 60.4  | 37.7  | 77.7  |





#9

Benzaldehyde

Concen: 29.906 ng

RT: 7.16 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

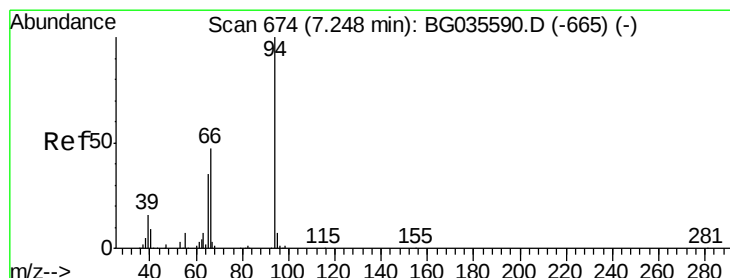
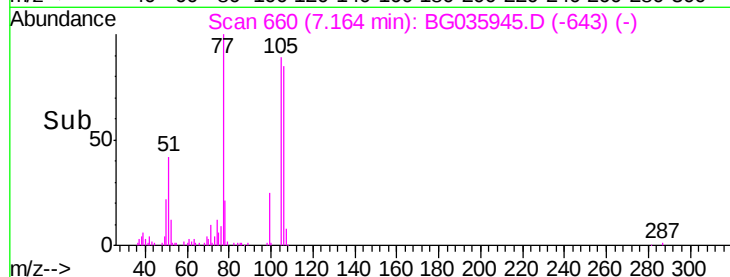
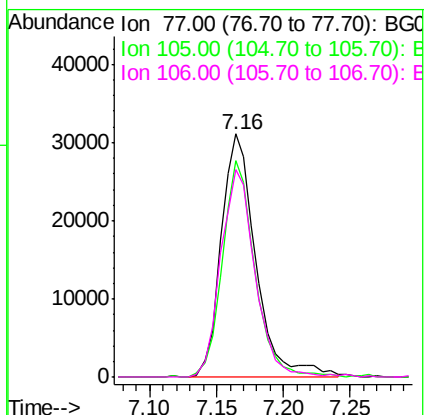
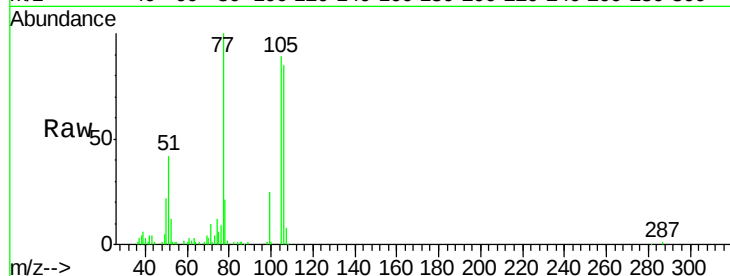
Tgt Ion: 77 Resp: 56800

Ion Ratio Lower Upper

77 100

105 88.9 71.3 111.3

106 85.1 64.2 104.2



#10

Phenol

Concen: 40.334 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

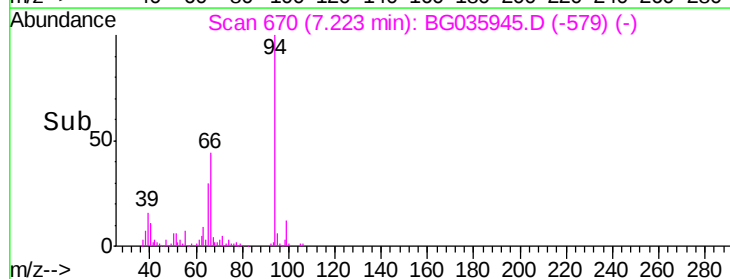
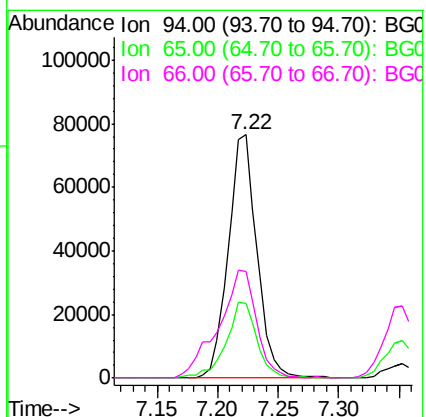
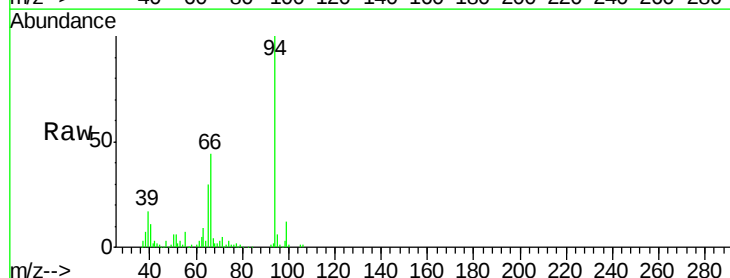
Tgt Ion: 94 Resp: 126138

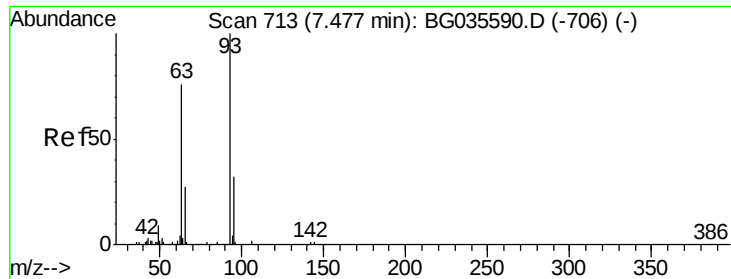
Ion Ratio Lower Upper

94 100

65 30.4 11.9 51.9

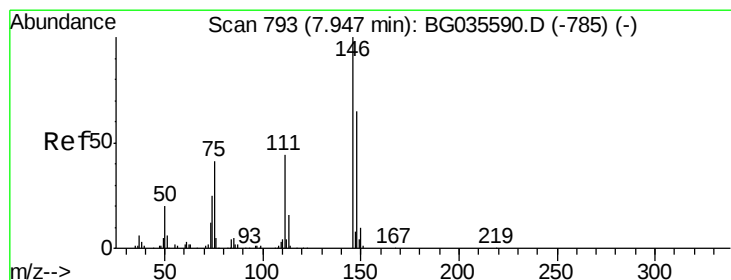
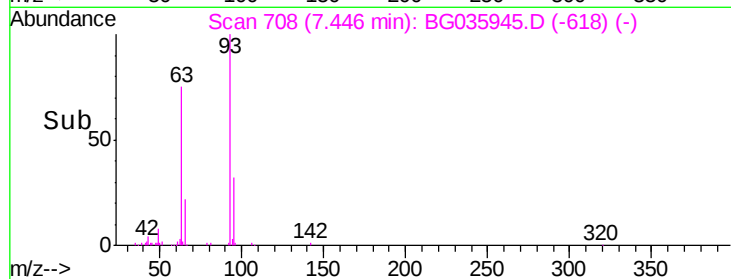
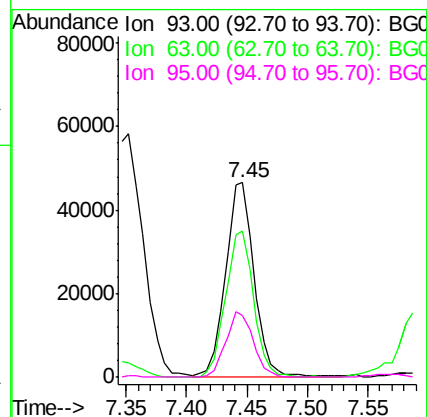
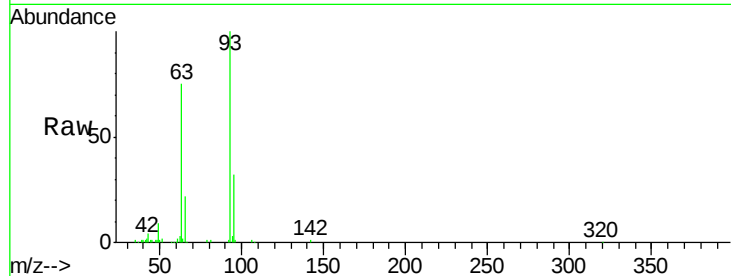
66 43.8 22.2 62.2





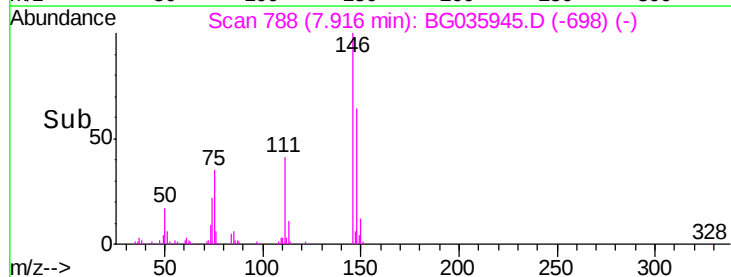
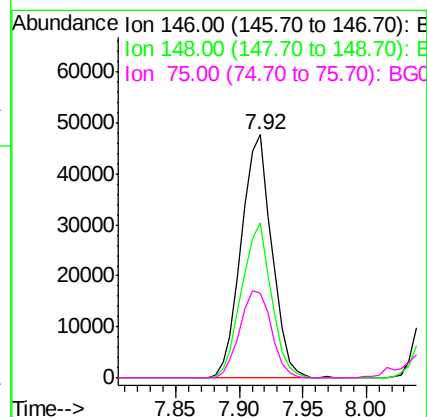
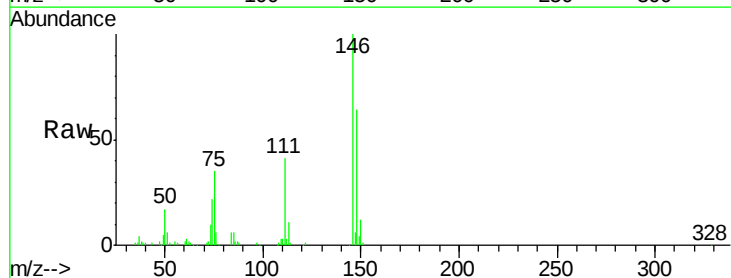
#11  
bis(2-Chloroethyl)ether  
Concen: 31.302 ng  
RT: 7.45 min Scan# 708  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

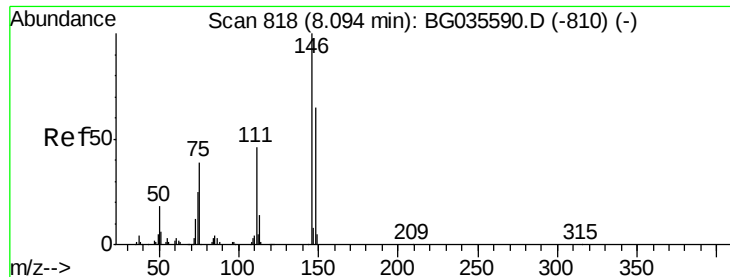
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.0  | 67.1  | 107.1 |
| 95      | 31.9  | 11.5  | 51.5  |



#12  
1,3-Dichlorobenzene  
Concen: 31.259 ng  
RT: 7.92 min Scan# 788  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

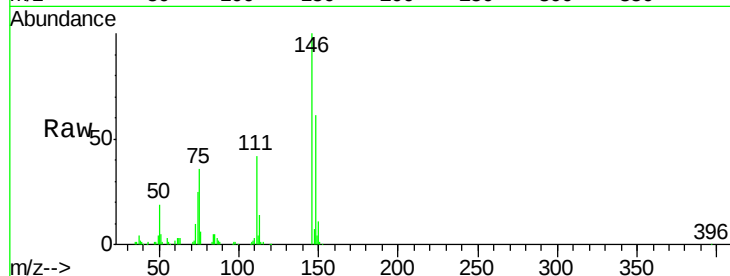
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 51.4  | 77.2  |
| 75      | 34.7  | 26.6  | 39.8  |



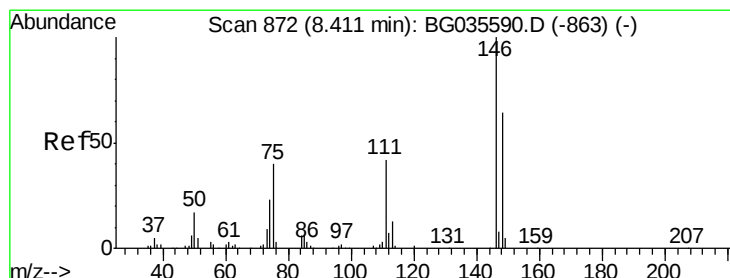
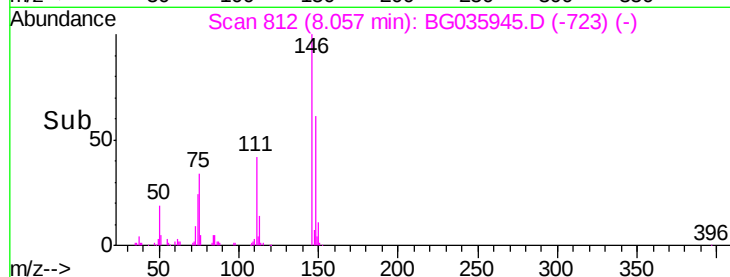
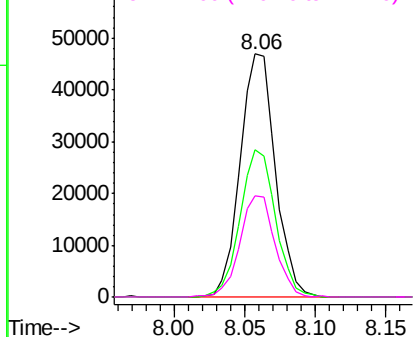


#13  
 1,4-Dichlorobenzene  
 Concen: 31.714 ng  
 RT: 8.06 min Scan# 812  
 Delta R.T. -0.01 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.8  | 53.7  | 80.5  |
| 111     | 41.8  | 35.2  | 52.8  |

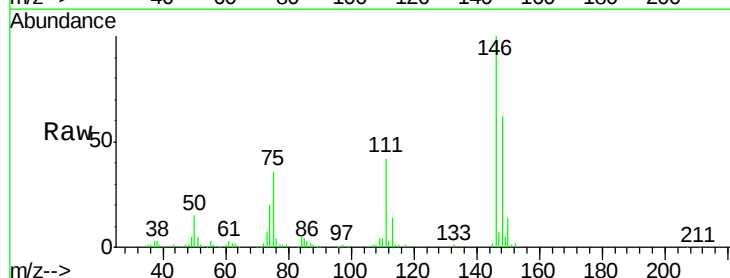


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

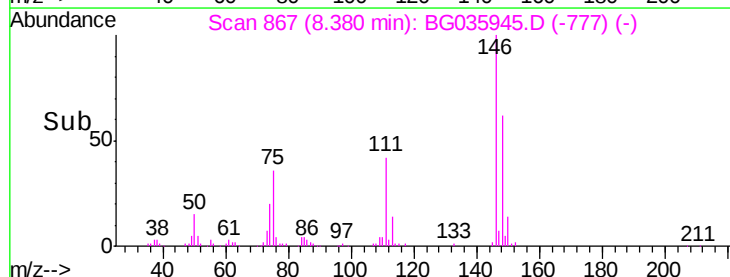
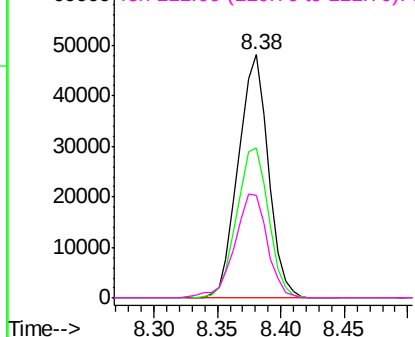


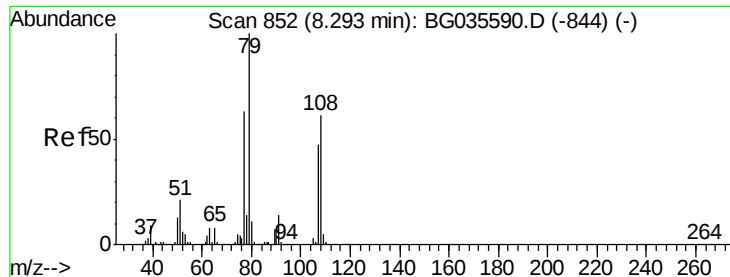
#14  
 1,2-Dichlorobenzene  
 Concen: 31.956 ng  
 RT: 8.38 min Scan# 867  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.9  | 49.3  | 73.9  |
| 111     | 42.1  | 34.3  | 51.5  |



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: 31.267 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

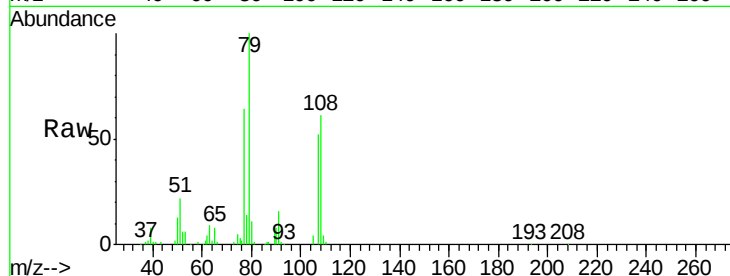
Tgt Ion: 79 Resp: 87890

Ion Ratio Lower Upper

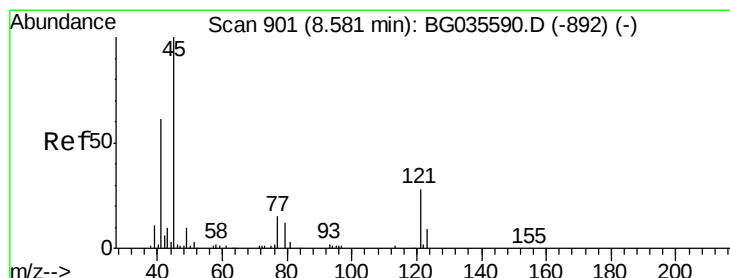
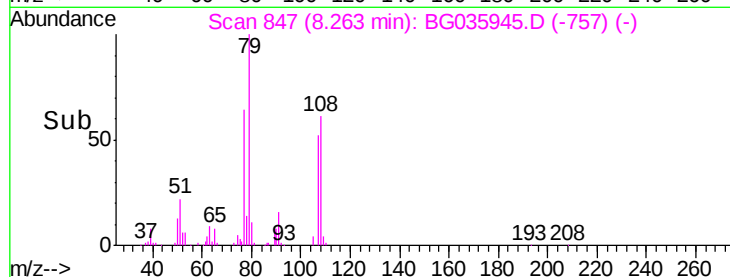
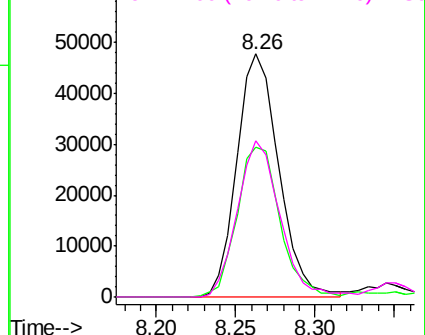
79 100

108 61.4 57.2 85.8

77 64.2 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.115 ng

RT: 8.54 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

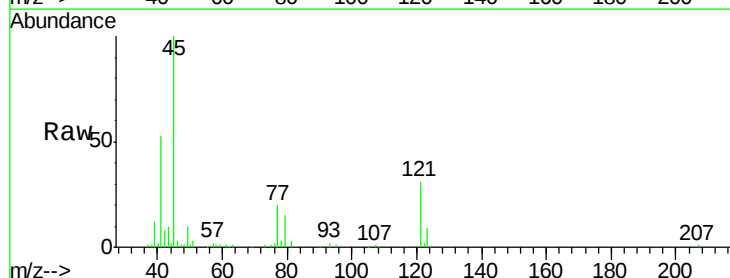
Tgt Ion: 45 Resp: 86474

Ion Ratio Lower Upper

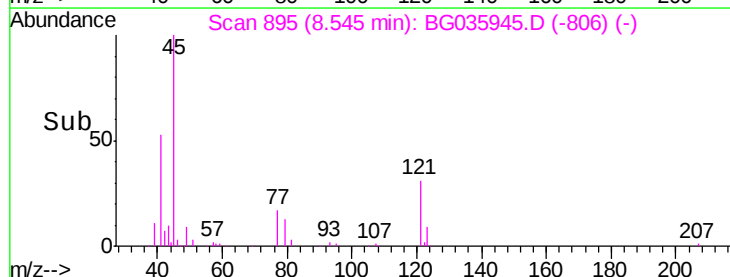
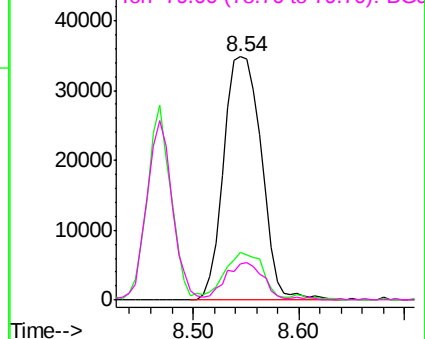
45 100

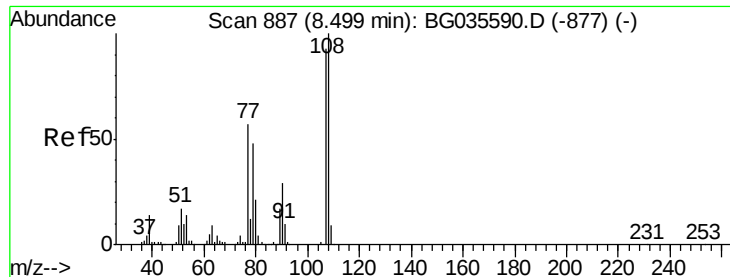
77 19.8 0.0 30.2

79 15.0 0.0 27.9



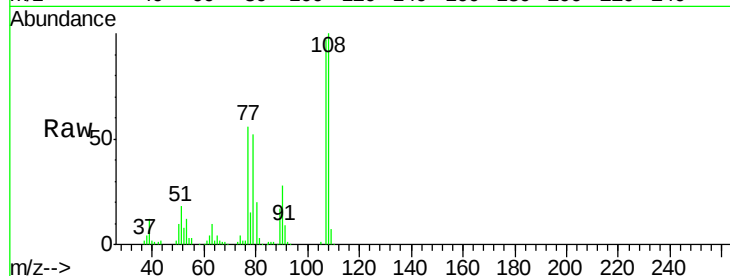
Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC



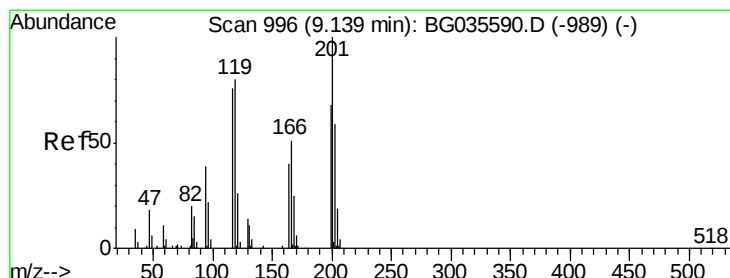
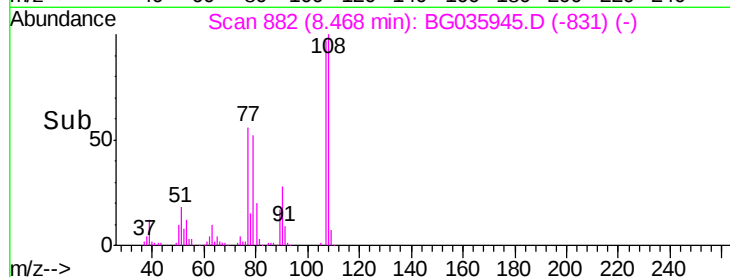
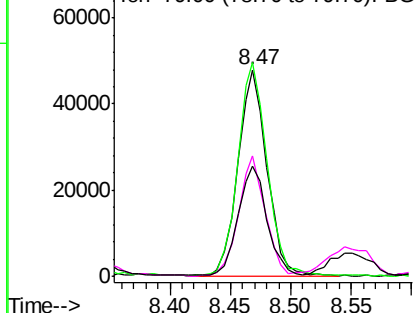


#17  
2-Methylphenol  
Concen: 37.744 ng  
RT: 8.47 min Scan# 882  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 80253 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 103.3 | 83.9  | 125.9 |
| 77       | 58.2  | 37.2  | 55.8# |
| 79       | 53.4  | 36.2  | 54.2  |

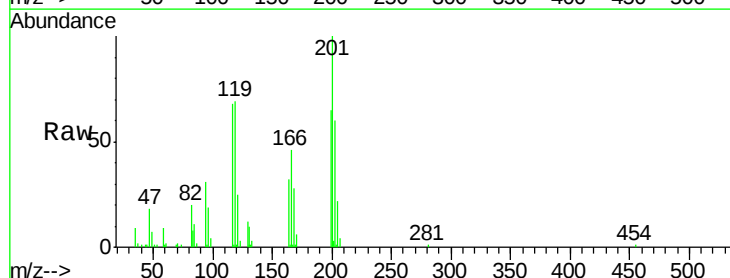


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

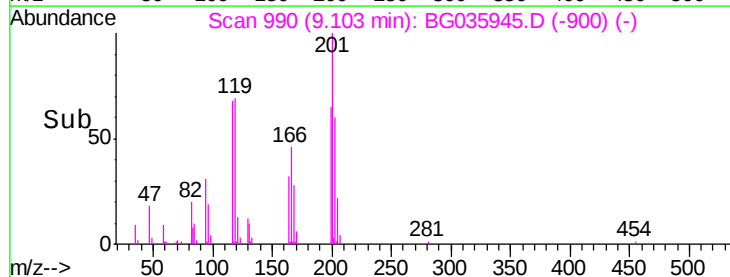
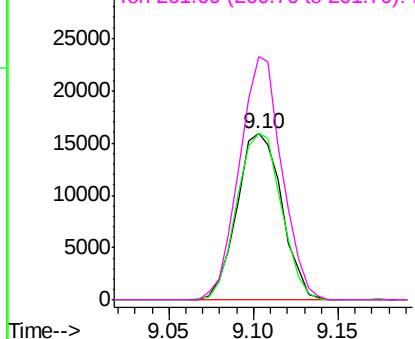


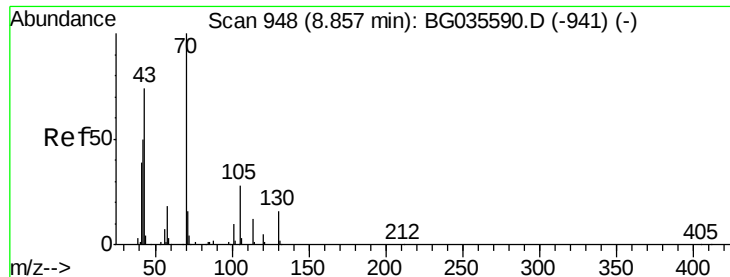
#18  
Hexachloroethane  
Concen: 29.590 ng  
RT: 9.10 min Scan# 990  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 29292  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 100.7 | 76.7  | 115.1  |
| 201      | 146.4 | 95.7  | 143.5# |



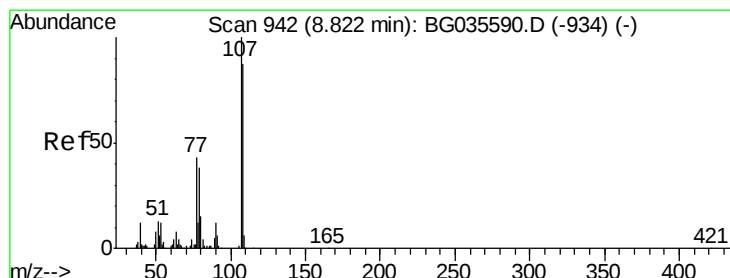
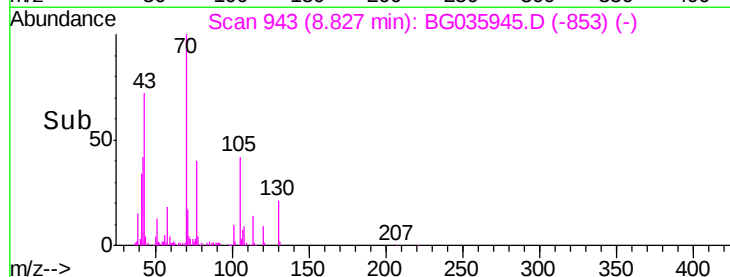
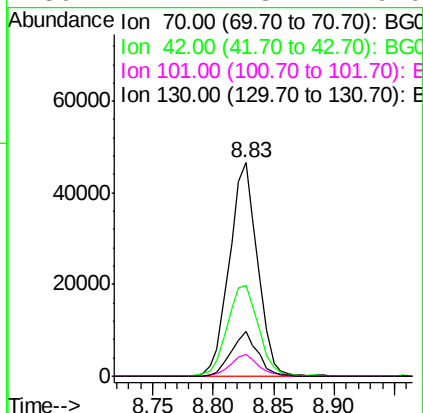
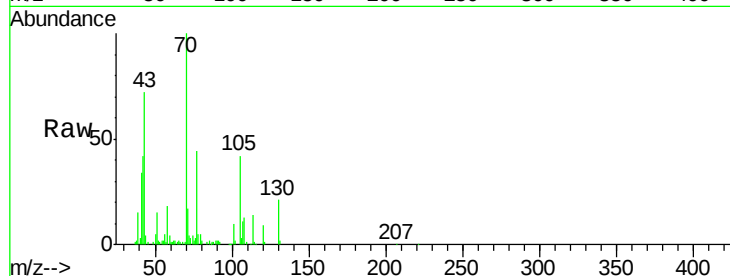
Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





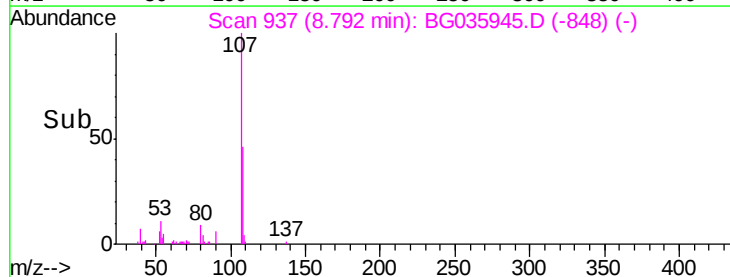
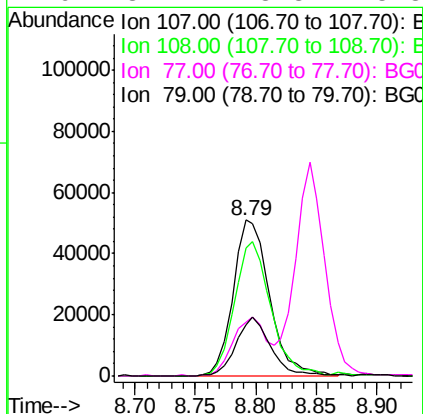
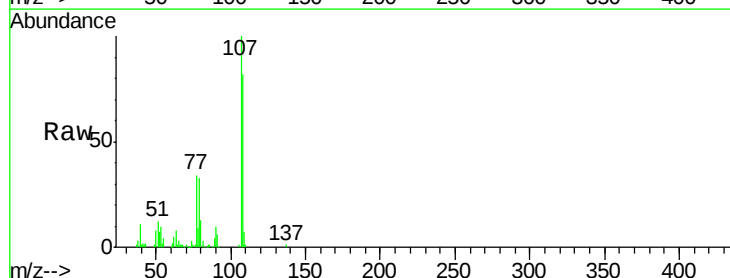
#19  
n-Nitroso-di-n-propylamine  
Concen: 29.050 ng  
RT: 8.83 min Scan# 943  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

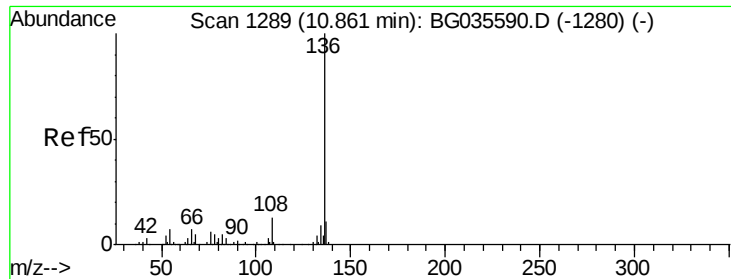
Tgt Ion: 70 Resp: 75722  
Ion Ratio Lower Upper  
70 100  
42 42.5 49.1 73.7#  
101 10.3 8.5 12.7  
130 21.1 13.4 20.0#



#20  
3+4-Methylphenols  
Concen: 36.259 ng  
RT: 8.79 min Scan# 937  
Delta R.T. -0.01 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

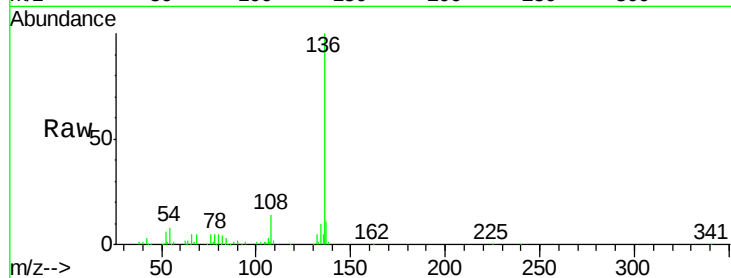
Tgt Ion: 107 Resp: 106953  
Ion Ratio Lower Upper  
107 100  
108 81.8 61.6 101.6  
77 34.2 13.9 53.9  
79 32.7 8.8 48.8



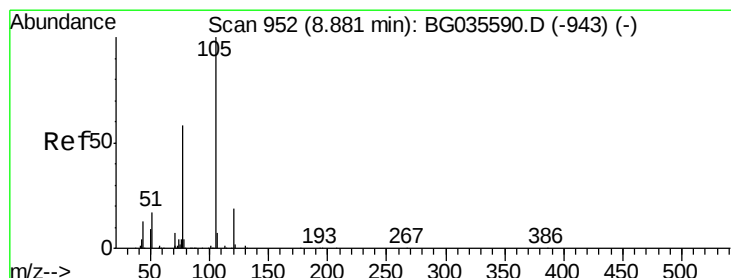
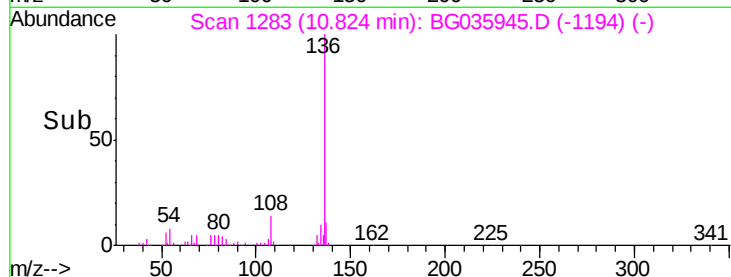
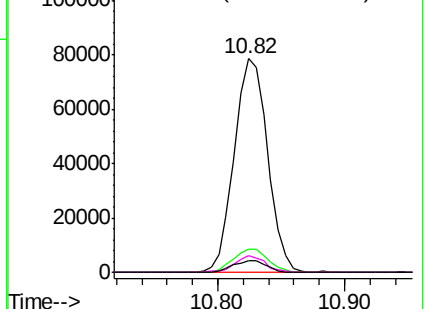


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 143225 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.8  | 9.2   | 13.8   |
| 54        | 7.6   | 10.3  | 15.5#  |
| 68        | 5.3   | 4.5   | 6.7    |

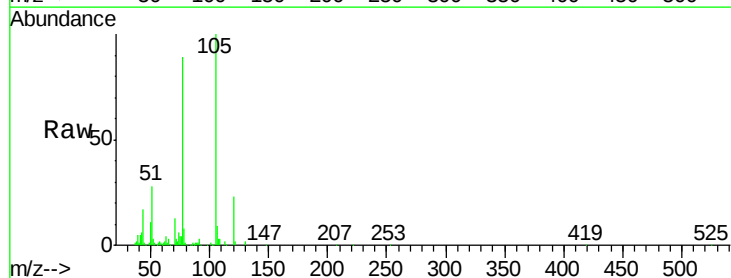


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

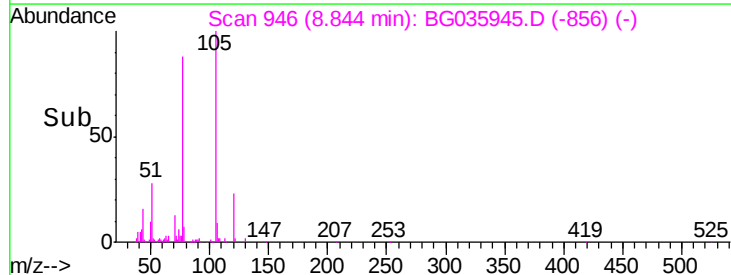
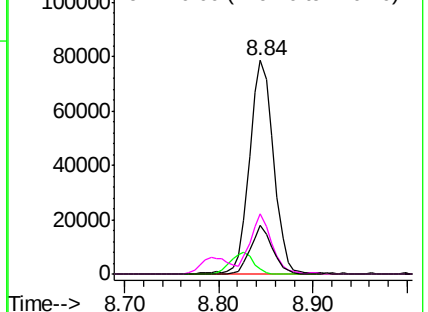


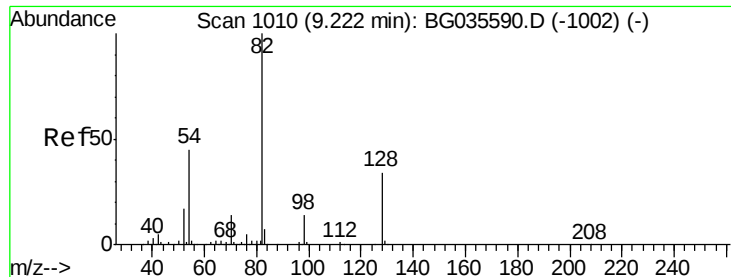
#22  
Acetophenone  
Concen: 31.197 ng  
RT: 8.84 min Scan# 946  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 138950 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.7   | 3.0   | 4.4#   |
| 51        | 28.4  | 26.1  | 39.1   |
| 120       | 23.0  | 17.4  | 26.2   |



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: 64.648 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

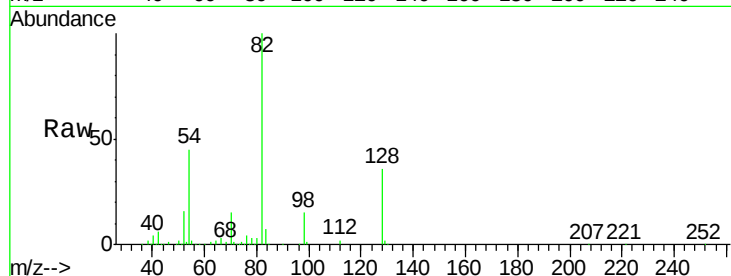
Tgt Ion: 82 Resp: 221645

Ion Ratio Lower Upper

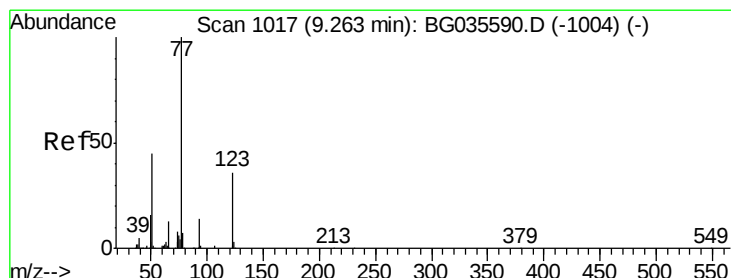
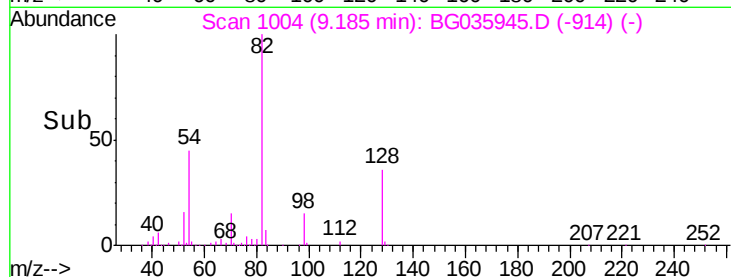
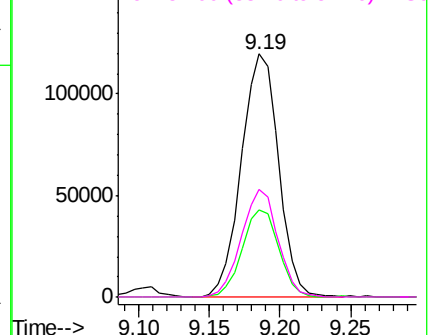
82 100

128 35.9 29.7 44.5

54 44.6 43.1 64.7



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



#24

Nitrobenzene

Concen: 32.269 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

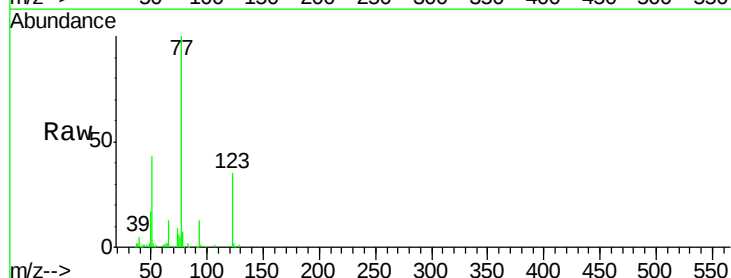
Tgt Ion: 77 Resp: 111264

Ion Ratio Lower Upper

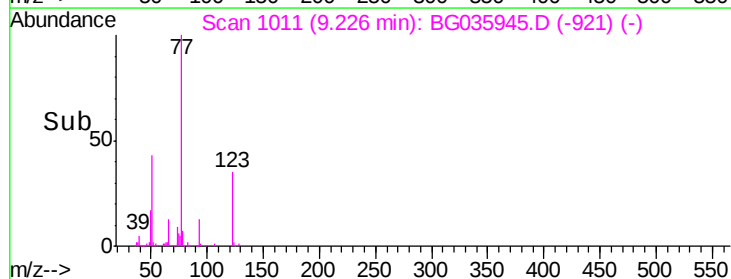
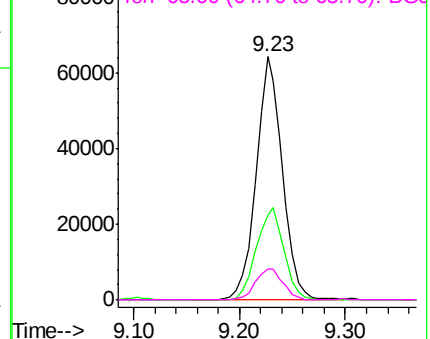
77 100

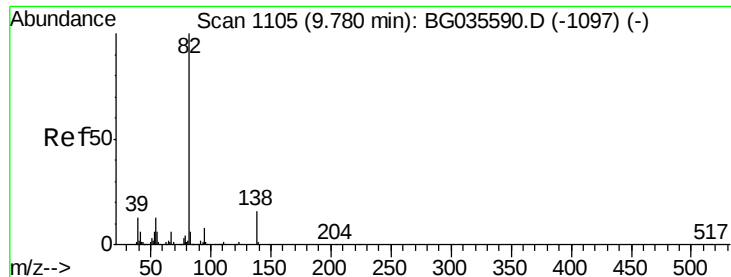
123 35.1 33.0 49.6

65 12.7 13.0 19.6#



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





#25

Isophorone

Concen: 34.605 ng

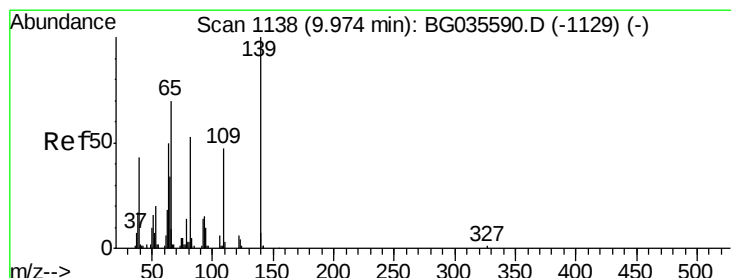
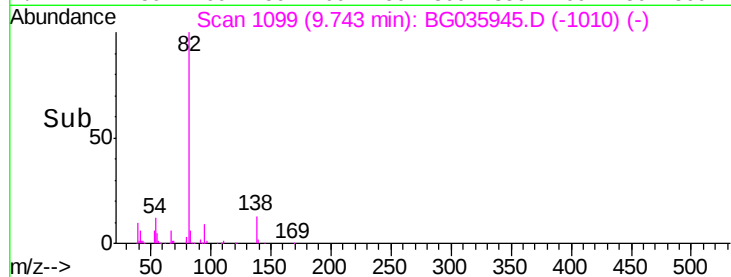
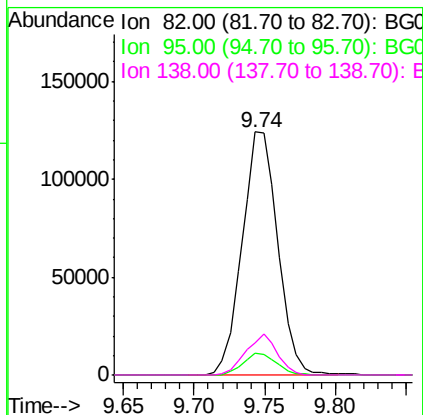
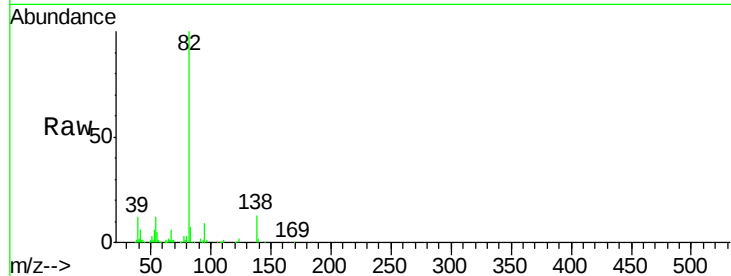
RT: 9.74 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 220242 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 95       | 9.2   | 6.2   | 9.2    |
| 138      | 13.2  | 12.1  | 18.1   |



#26

2-Nitrophenol

Concen: 2.713 ng

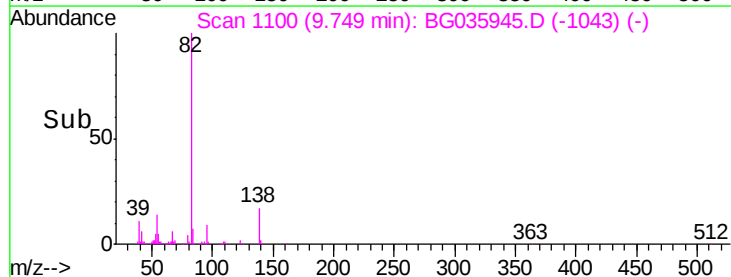
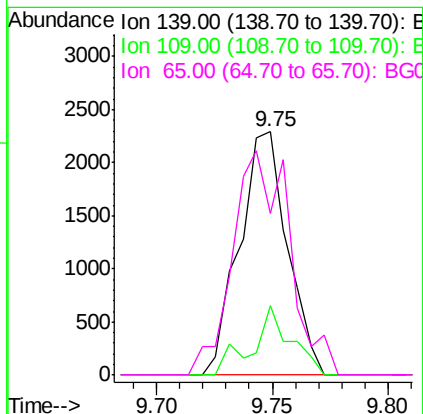
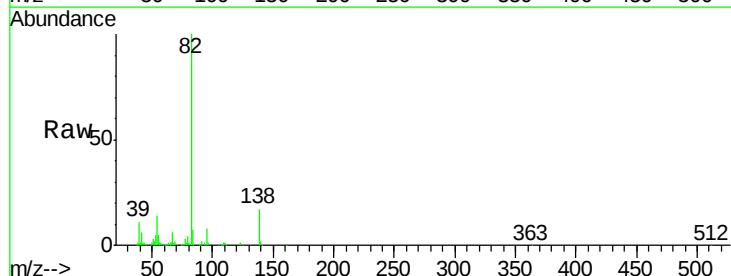
RT: 9.75 min Scan# 1100

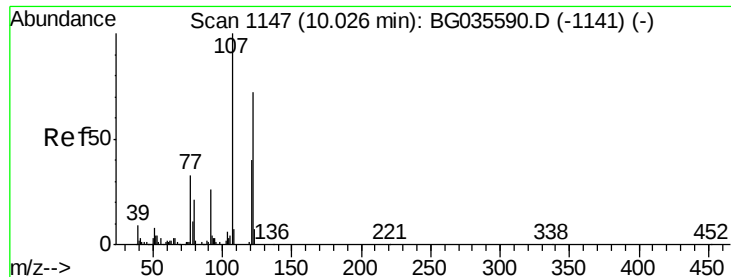
Delta R.T. -0.20 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

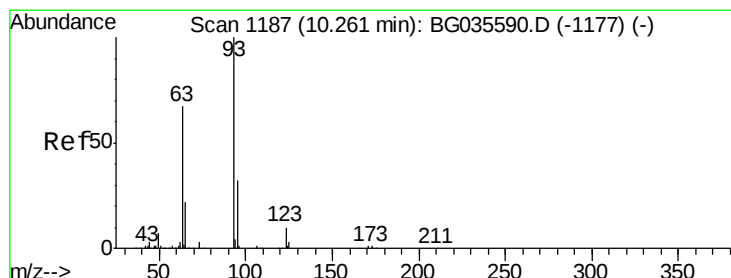
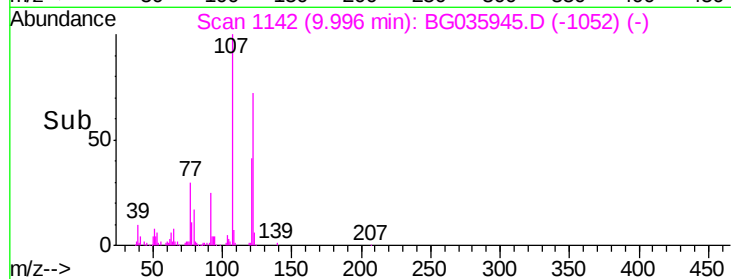
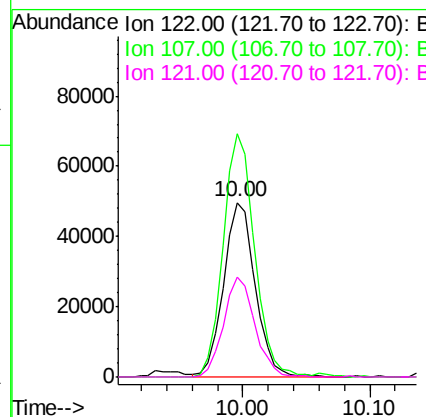
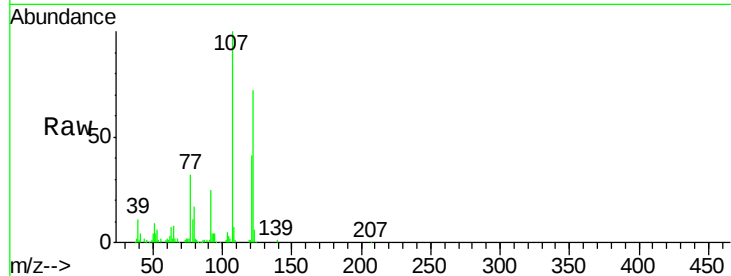
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 139   | Resp: | 3322  |
| Ion      | Ratio | Lower | Upper |
| 139      | 100   |       |       |
| 109      | 28.3  | 24.2  | 36.2  |
| 65       | 66.6  | 47.4  | 71.0  |





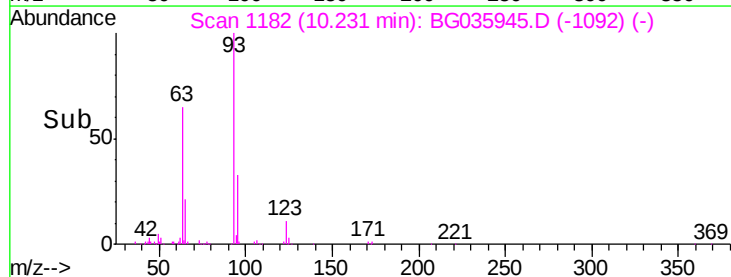
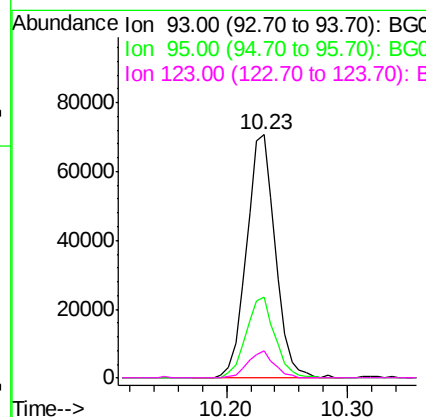
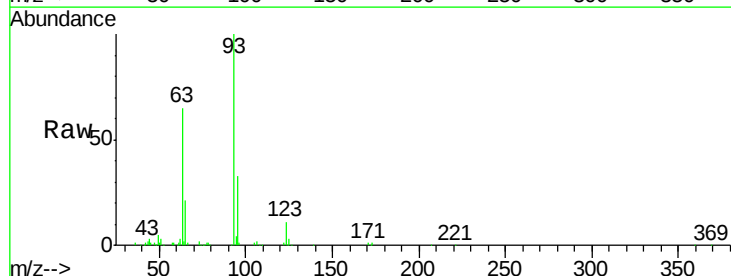
#27  
2,4-Dimethylphenol  
Concen: 41.709 ng  
RT: 10.00 min Scan# 1142  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

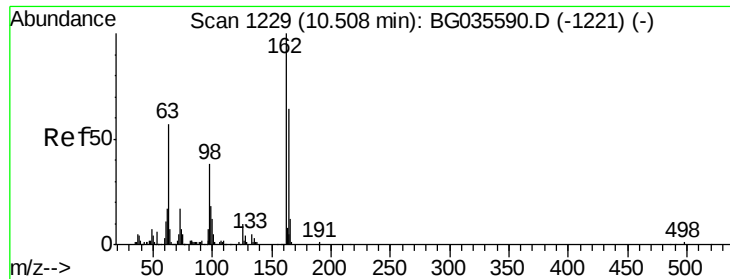
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 139.1 | 100.2 | 150.2 |
| 121     | 57.2  | 44.4  | 66.6  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 33.499 ng  
RT: 10.23 min Scan# 1182  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.5  | 24.3  | 36.5  |
| 123     | 11.1  | 8.4   | 12.6  |





#29

2,4-Dichlorophenol

Concen: 39.831 ng

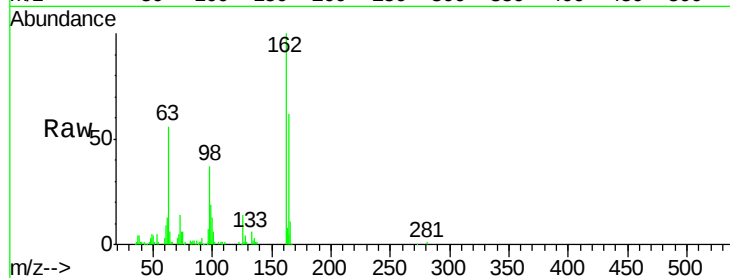
RT: 10.48 min Scan# 1224

Delta R.T. -0.00 min

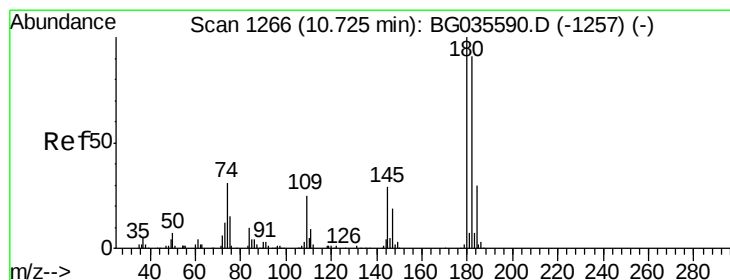
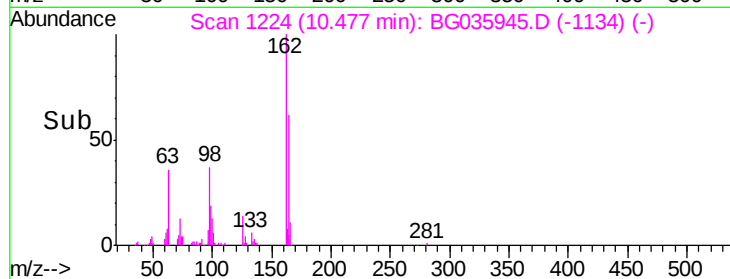
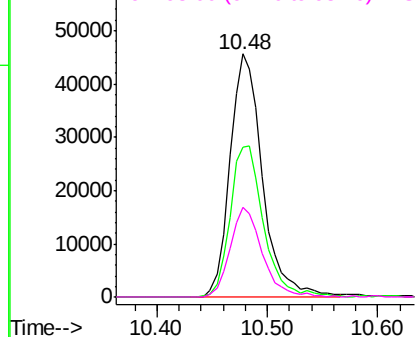
Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 162   | Resp: | 94248 |
| Ion      | Ratio | Lower | Upper |
| 162      | 100   |       |       |
| 164      | 61.9  | 48.0  | 88.0  |
| 98       | 37.2  | 21.1  | 61.1  |



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 35.028 ng

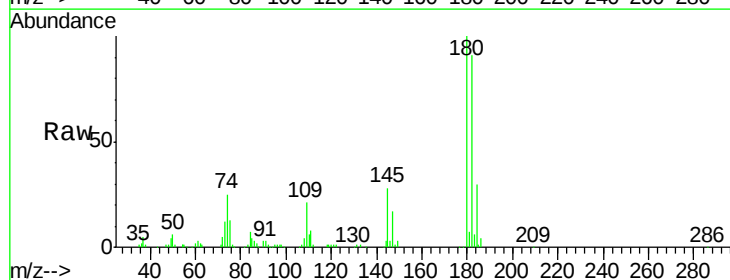
RT: 10.69 min Scan# 1260

Delta R.T. -0.00 min

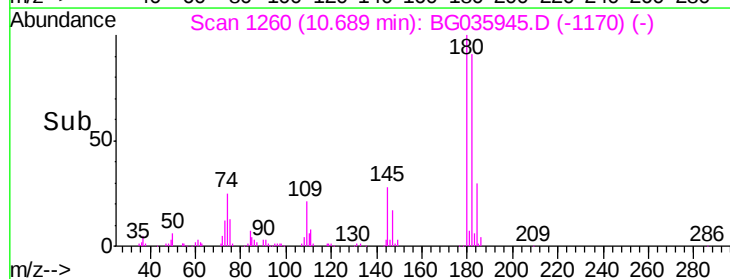
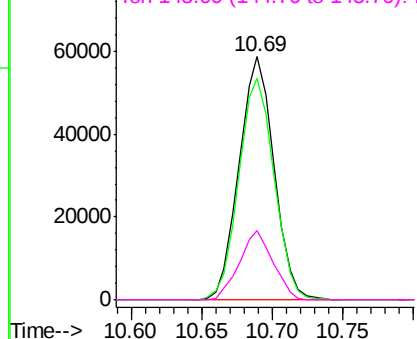
Lab File: BG035945.D

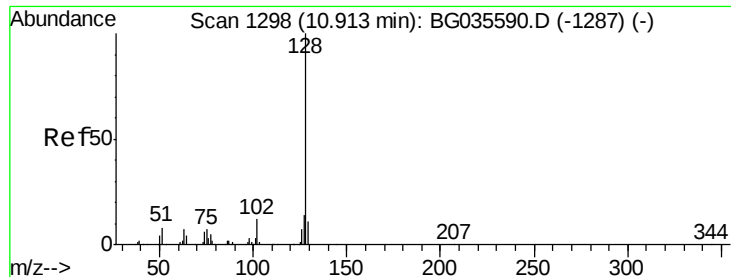
Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 101633 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 91.2  | 77.5  | 116.3  |
| 145      | 28.5  | 23.4  | 35.2   |



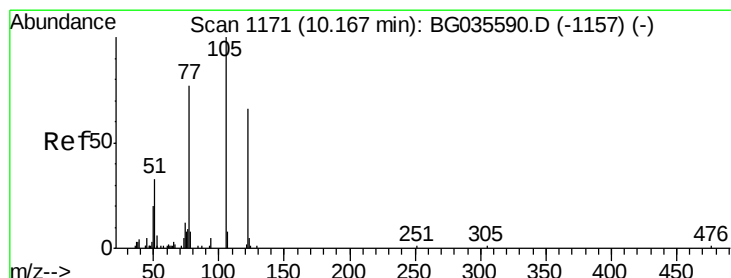
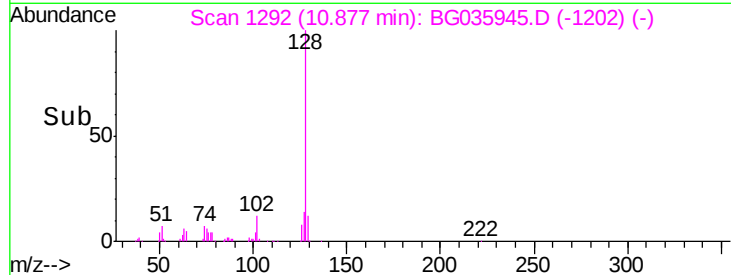
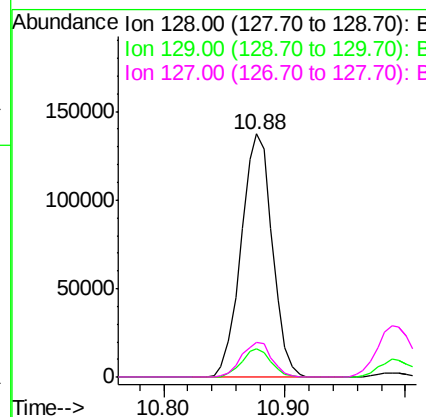
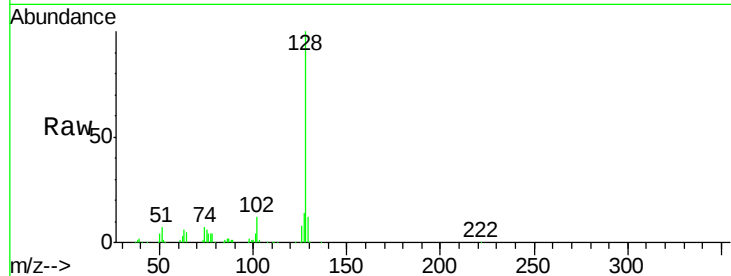
Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





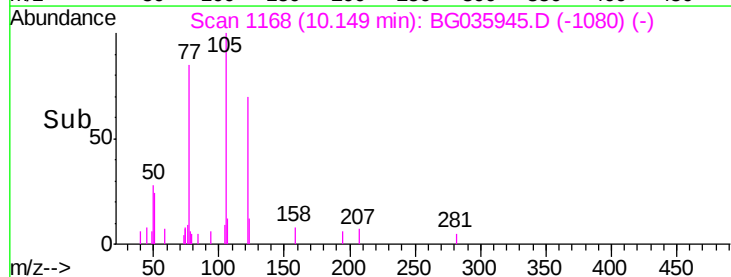
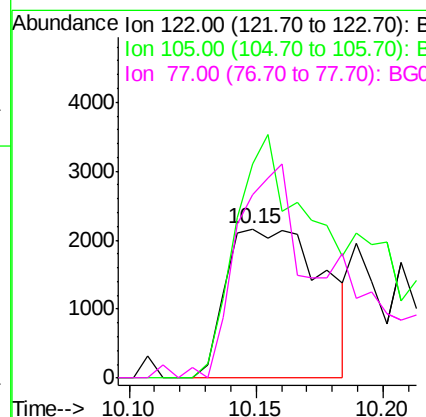
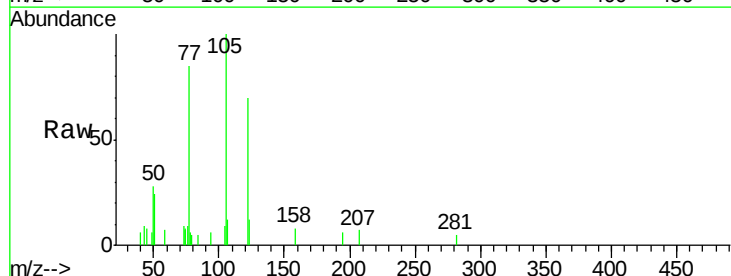
#31  
Naphthalene  
Concen: 33.079 ng  
RT: 10.88 min Scan# 1292  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

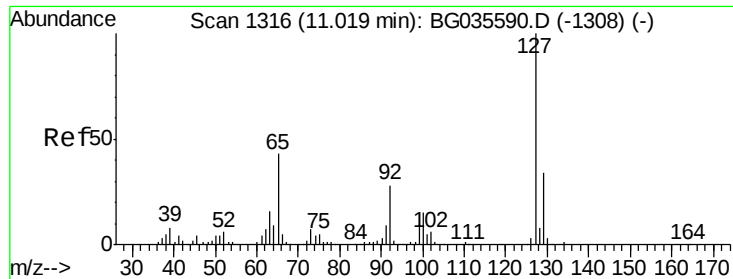
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 246790 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 129      | 11.9  | 8.6   | 12.8   |
| 127      | 14.4  | 11.6  | 17.4   |



#32  
Benzoic acid  
Concen: 4.122 ng  
RT: 10.15 min Scan# 1168  
Delta R.T. -0.01 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

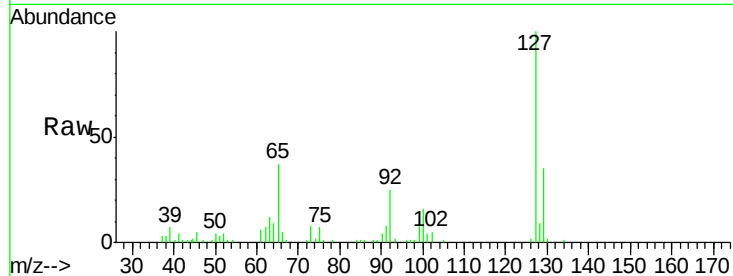
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 5752  |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 105      | 143.3 | 123.5 | 163.5 |
| 77       | 122.3 | 85.7  | 125.7 |



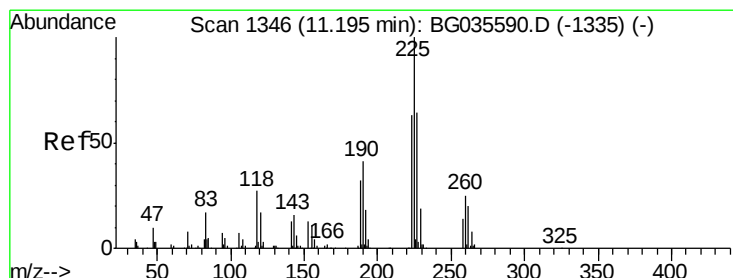
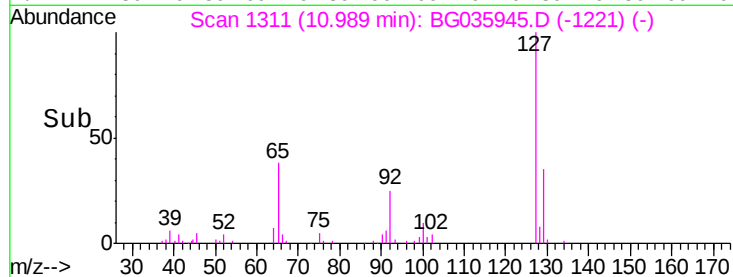
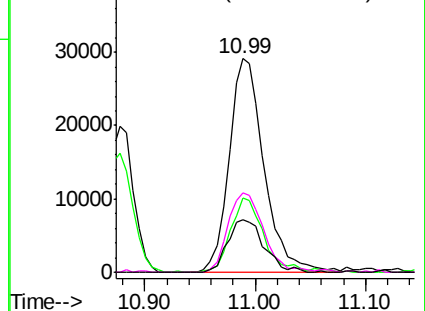


#33  
4-Chloroaniline  
Concen: 19.782 ng  
RT: 10.99 min Scan# 1311  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 64325 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 34.5  | 24.0  | 36.0  |
| 65       | 37.4  | 27.0  | 40.4  |
| 92       | 24.8  | 16.6  | 25.0  |

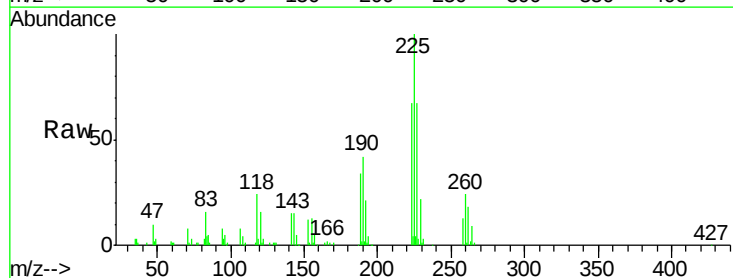


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

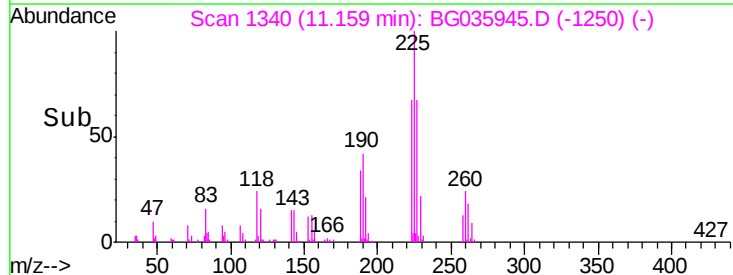
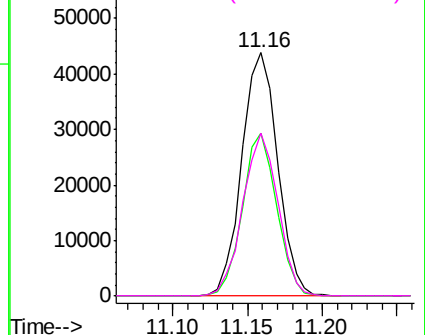


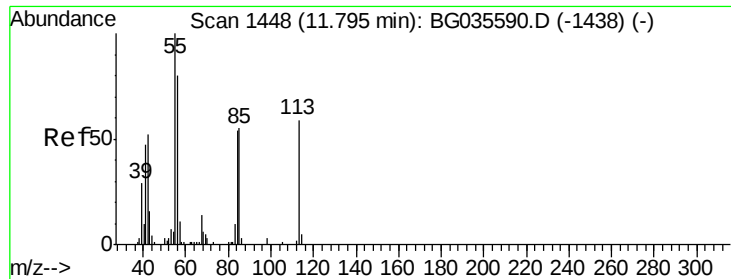
#34  
Hexachlorobutadiene  
Concen: 32.309 ng  
RT: 11.16 min Scan# 1340  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 73099 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 67.0  | 49.7  | 74.5  |
| 227      | 67.0  | 48.1  | 72.1  |



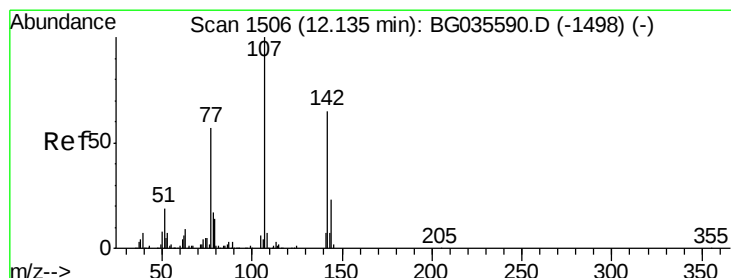
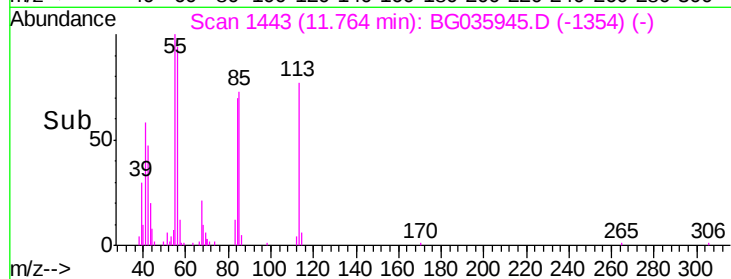
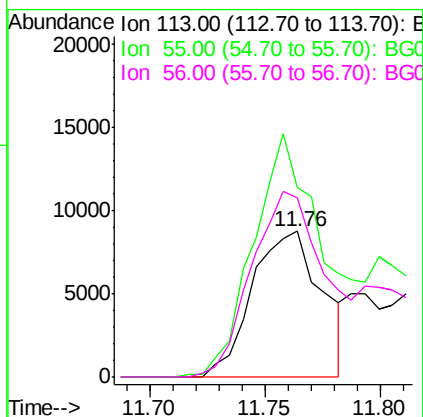
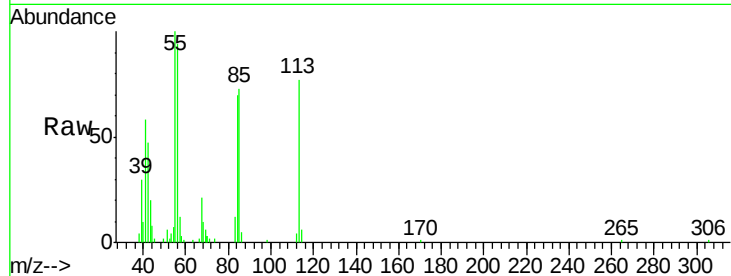
Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





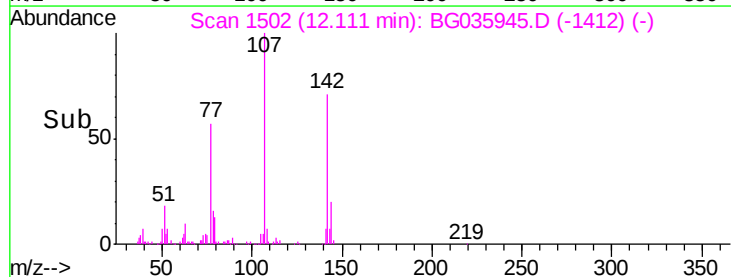
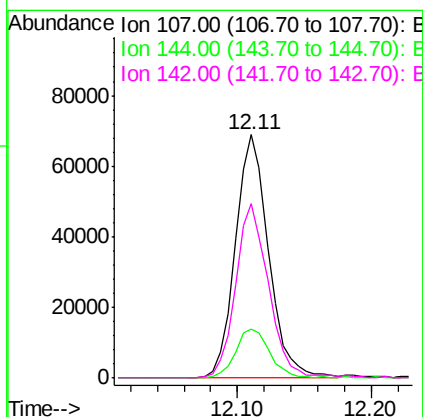
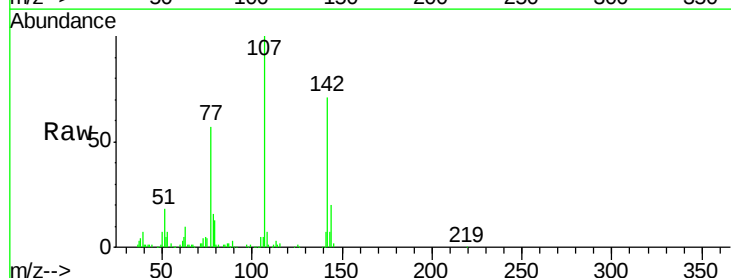
#35  
 Caprolactam  
 Concen: 18.086 ng  
 RT: 11.76 min Scan# 1443  
 Delta R.T. -0.01 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

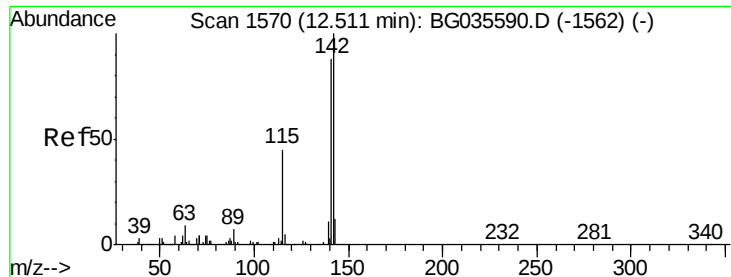
Tgt Ion:113 Resp: 18365  
 Ion Ratio Lower Upper  
 113 100  
 55 130.6 186.9 226.9#  
 56 123.3 130.9 170.9#



#36  
 4-Chloro-3-methylphenol  
 Concen: 37.493 ng  
 RT: 12.11 min Scan# 1502  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

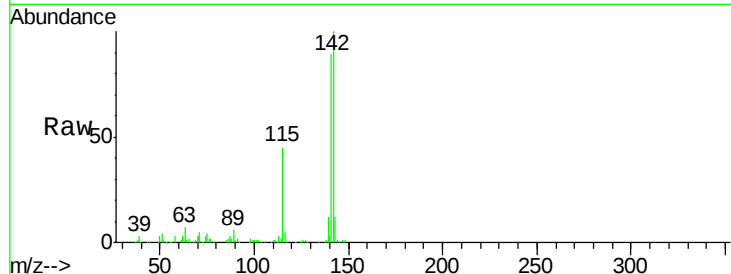
Tgt Ion:107 Resp: 118916  
 Ion Ratio Lower Upper  
 107 100  
 144 20.2 18.2 27.4  
 142 71.4 59.0 88.4



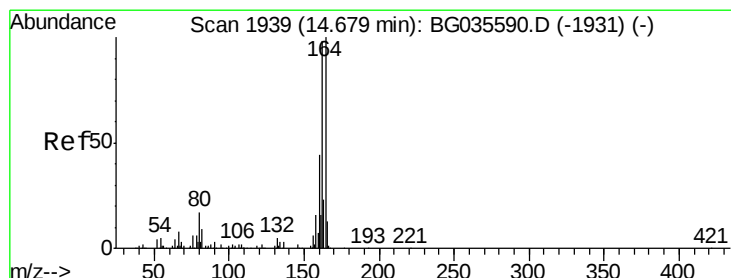
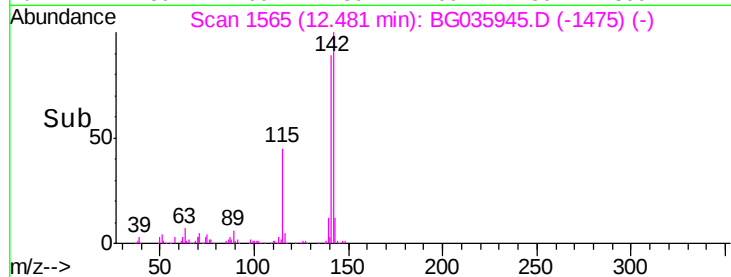
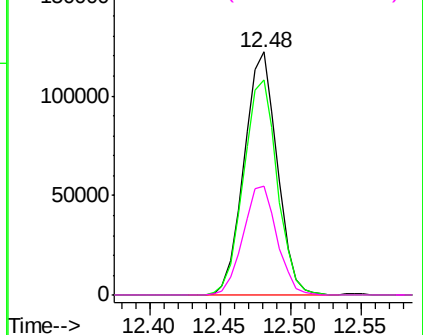


#37  
 2-Methylnaphthalene  
 Concen: 36.236 ng  
 RT: 12.48 min Scan# 1565  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 201414 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 88.7  | 67.1  | 100.7  |
| 115      | 44.7  | 30.7  | 46.1   |

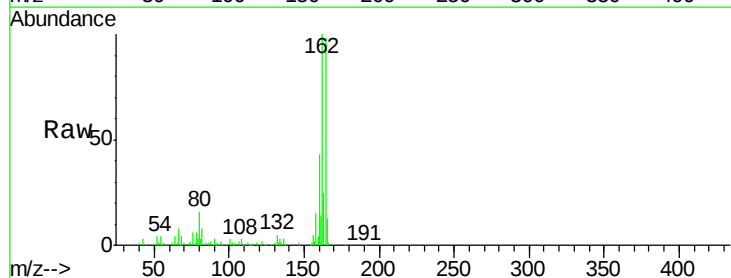


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

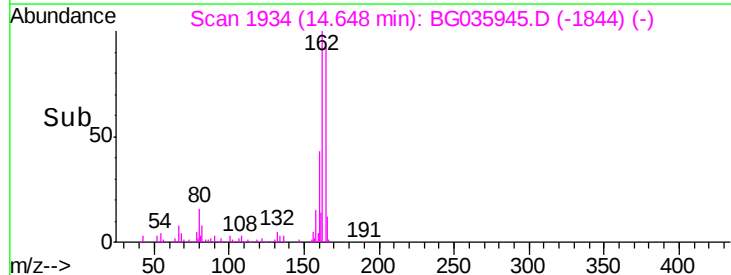
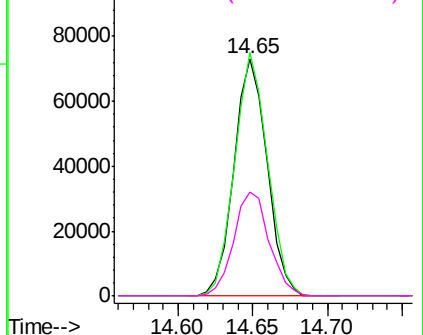


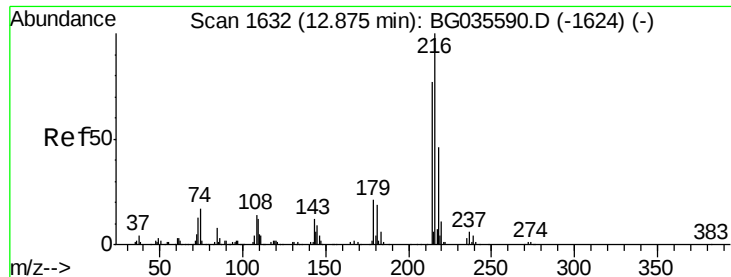
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.65 min Scan# 1934  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 112896 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 102.5 | 78.8  | 118.2  |
| 160      | 43.9  | 35.4  | 53.0   |



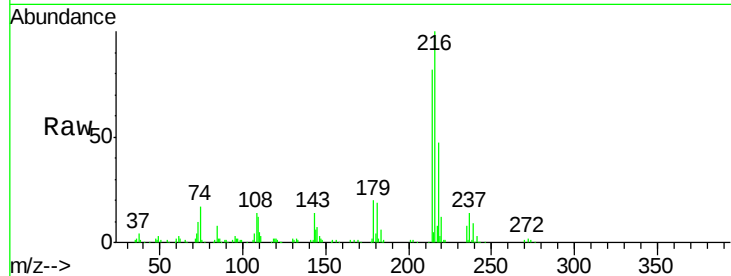
Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E



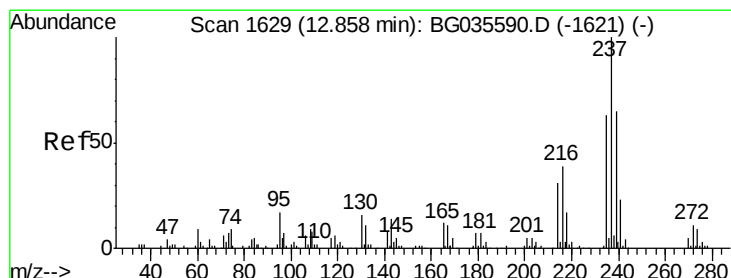
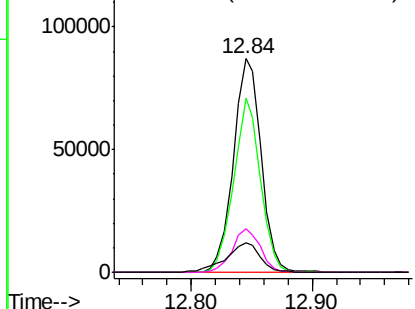
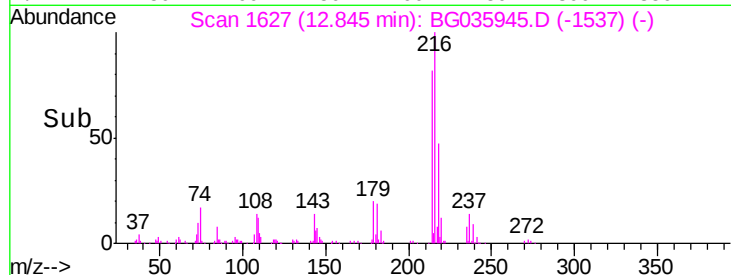


#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 32.595 ng  
 RT: 12.84 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 138888 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.1  | 63.0  | 94.4   |
| 179      | 20.5  | 17.0  | 25.6   |
| 108      | 16.6  | 12.8  | 19.2   |

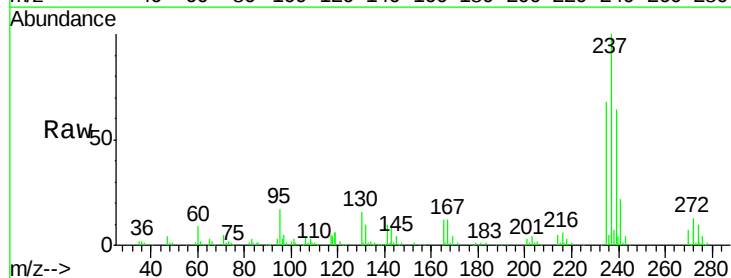


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

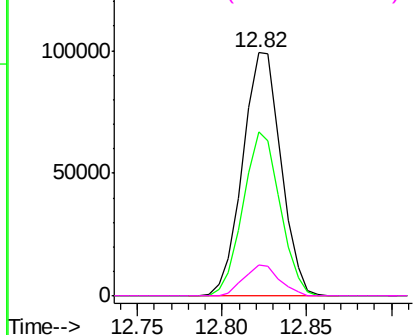
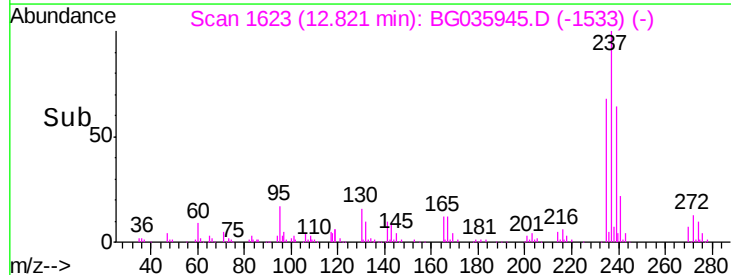


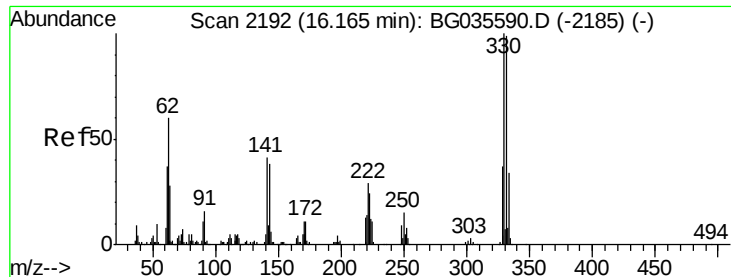
#40  
 Hexachlorocyclopentadiene  
 Concen: 70.405 ng  
 RT: 12.82 min Scan# 1623  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 157334 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 67.6  | 50.4  | 90.4   |
| 272      | 12.8  | 0.0   | 31.8   |



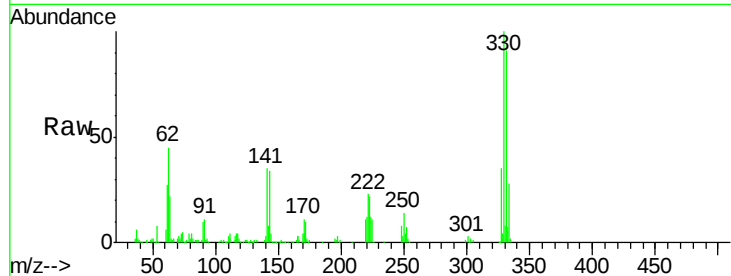
Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E



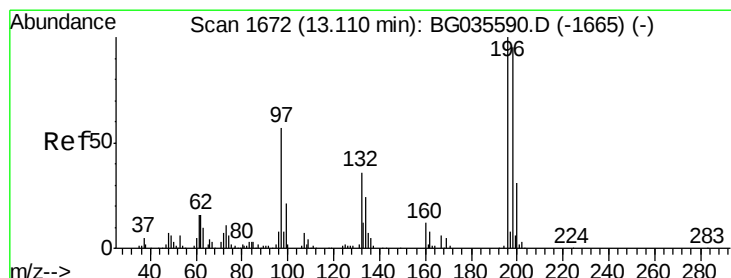
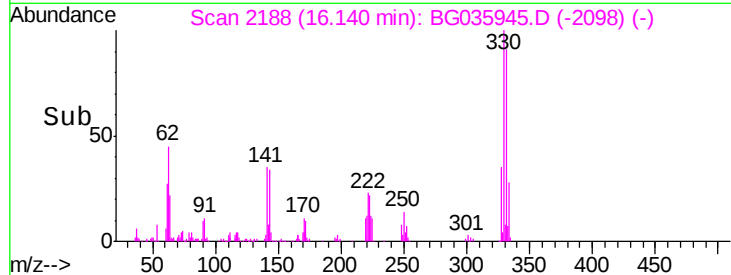
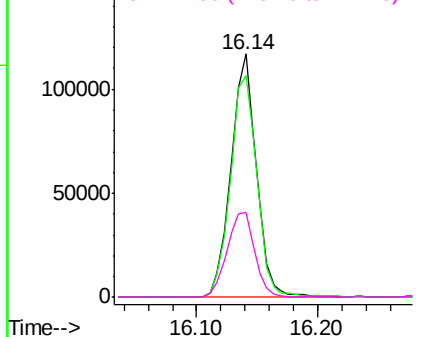


#41  
 2,4,6-Tribromophenol  
 Concen: 115.526 ng  
 RT: 16.14 min Scan# 2188  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

Tgt Ion:330 Resp: 171908  
 Ion Ratio Lower Upper  
 330 100  
 332 95.6 77.0 115.6  
 141 37.8 25.2 37.8#

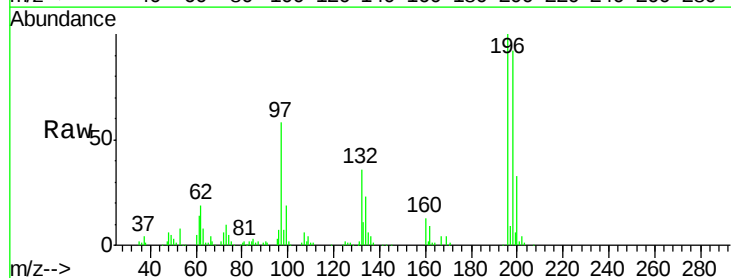


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

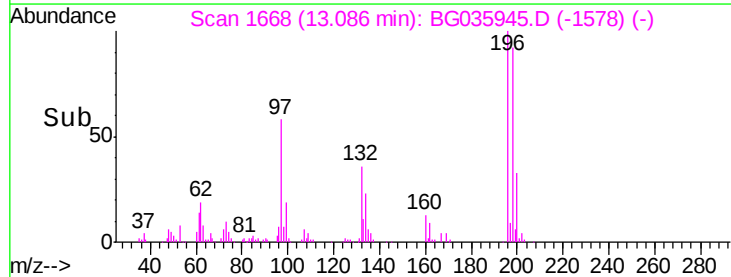
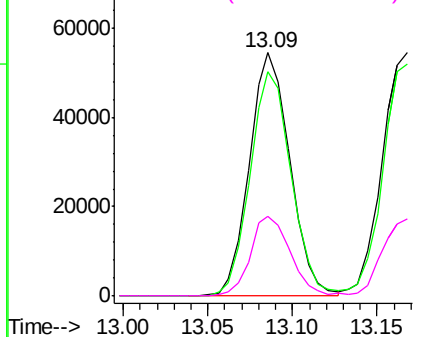


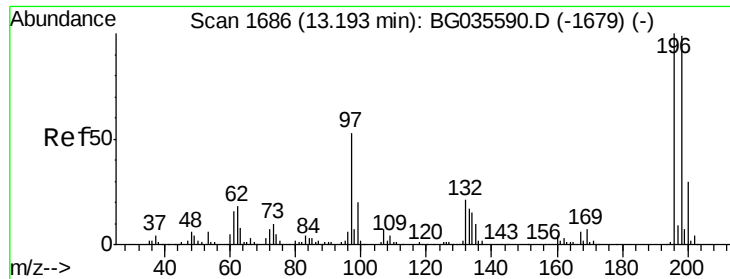
#42  
 2,4,6-Trichlorophenol  
 Concen: 36.366 ng  
 RT: 13.09 min Scan# 1668  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

Tgt Ion:196 Resp: 90621  
 Ion Ratio Lower Upper  
 196 100  
 198 92.3 78.2 117.2  
 200 32.6 24.6 36.8



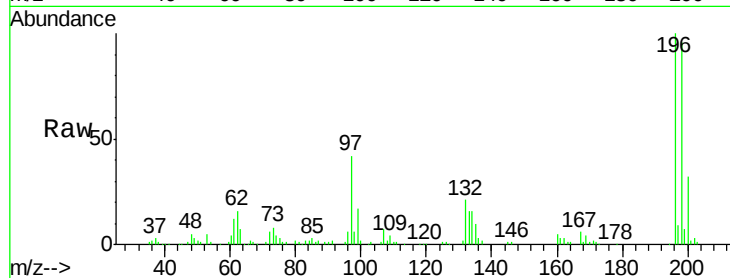
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





#43  
 2,4,5-Trichlorophenol  
 Concen: 34.857 ng  
 RT: 13.17 min Scan# 1682  
 Delta R.T. 0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 196   | Resp: | 97171 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 95.7  | 76.2  | 114.4 |
| 97       | 42.0  | 38.7  | 58.1  |
| 132      | 21.1  | 20.2  | 30.2  |



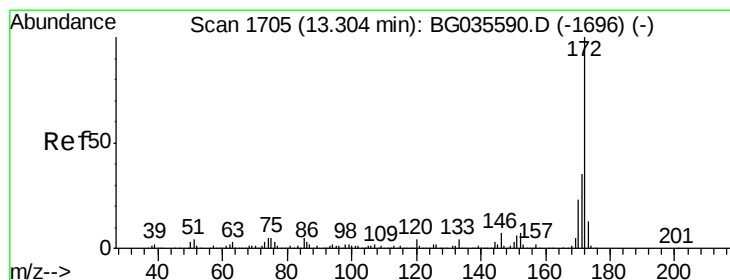
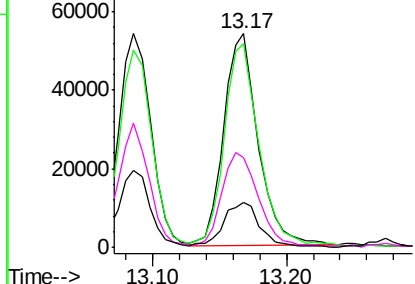
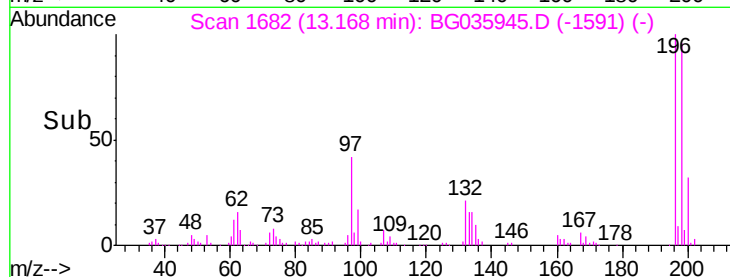
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

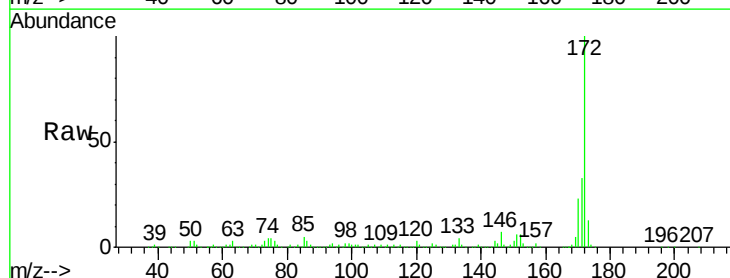
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 68.078 ng  
 RT: 13.27 min Scan# 1700  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 573677 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 33.3  | 30.0  | 45.0   |
| 170      | 22.7  | 19.5  | 29.3   |

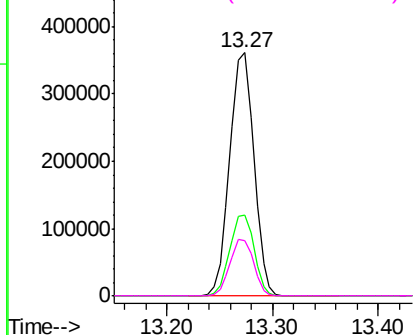
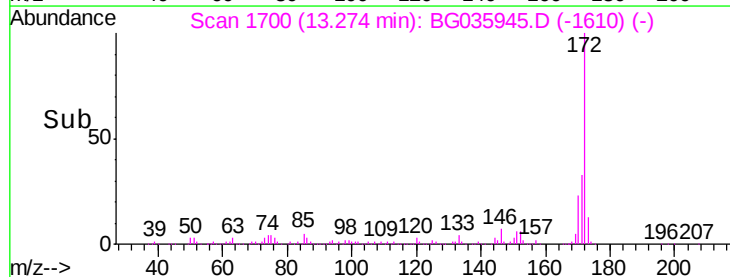


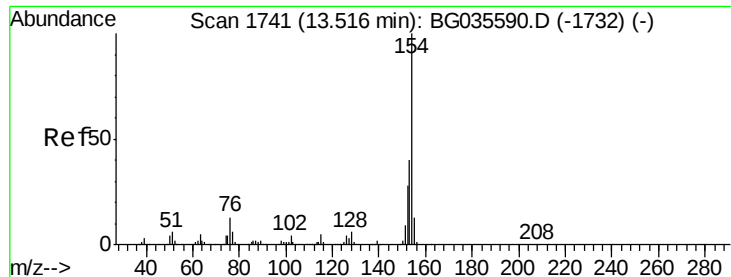
Abundance

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: 32.308 ng

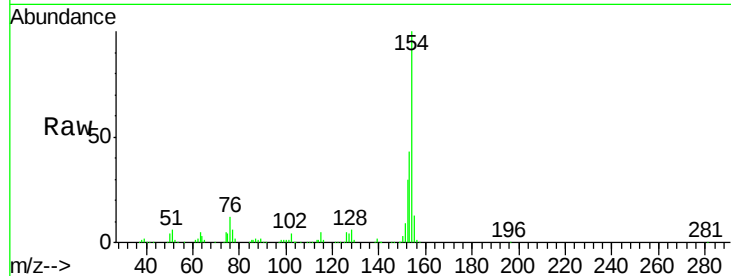
RT: 13.48 min Scan# 1735

Delta R.T. -0.01 min

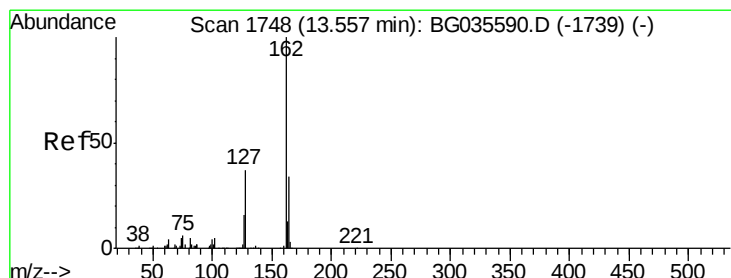
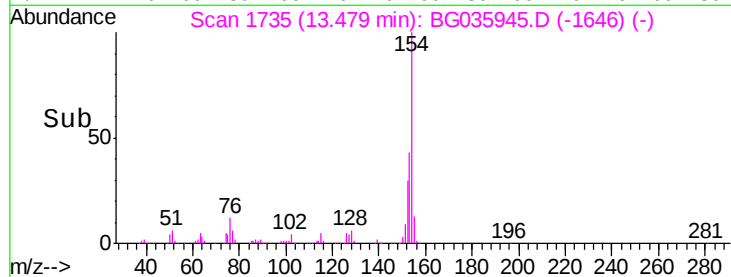
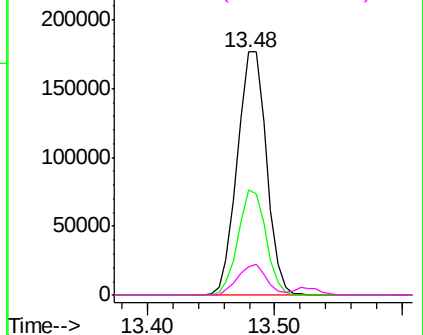
Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 282781 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 43.4  | 19.8  | 59.8   |
| 76       | 12.0  | 0.0   | 31.9   |



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): B



#46

2-Chloronaphthalene

Concen: 34.150 ng

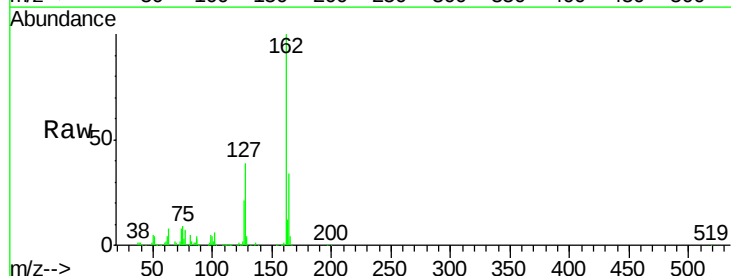
RT: 13.53 min Scan# 1743

Delta R.T. -0.00 min

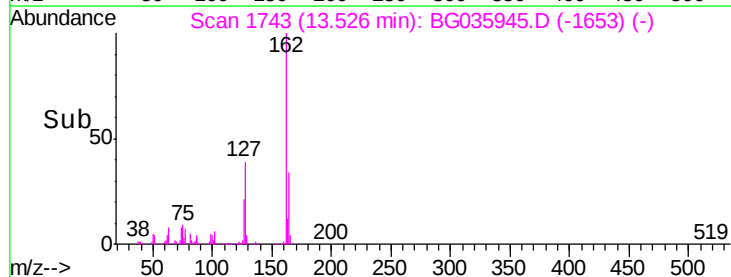
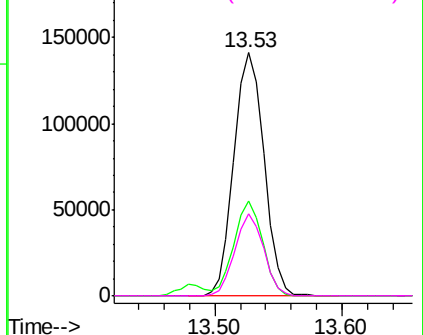
Lab File: BG035945.D

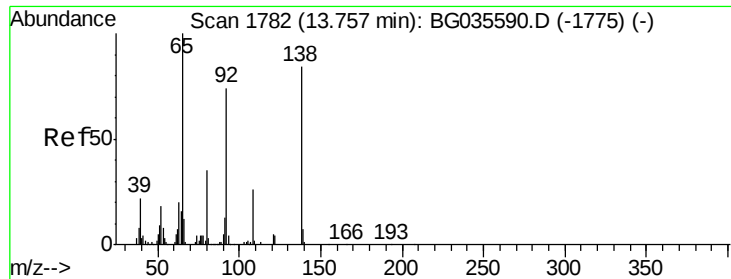
Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 232502 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 39.2  | 30.7  | 46.1   |
| 164      | 33.8  | 26.0  | 39.0   |



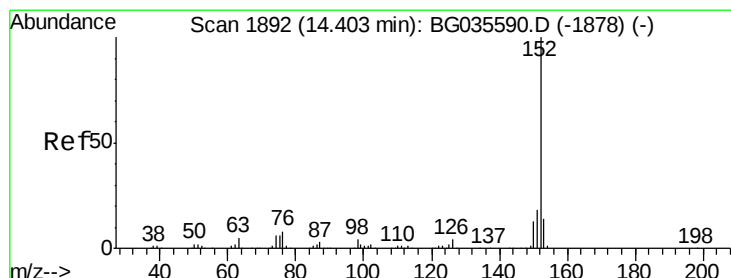
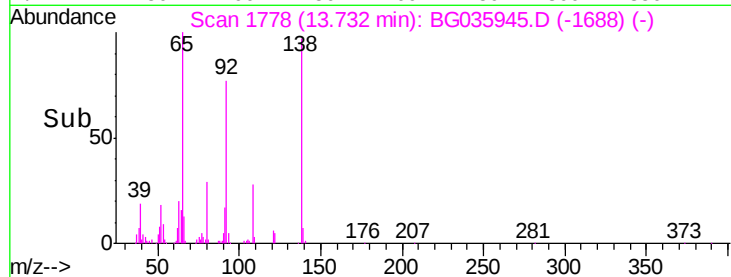
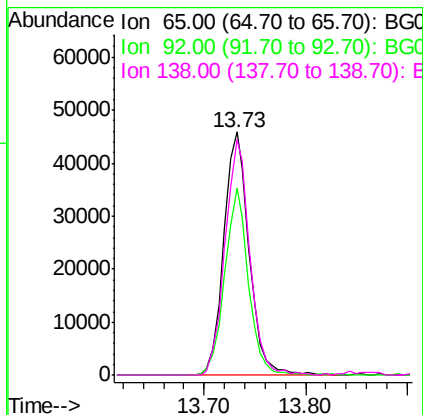
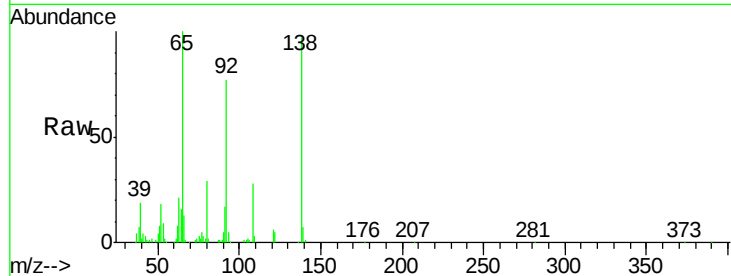
Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E





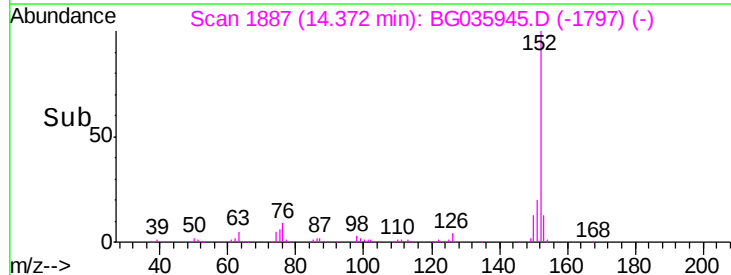
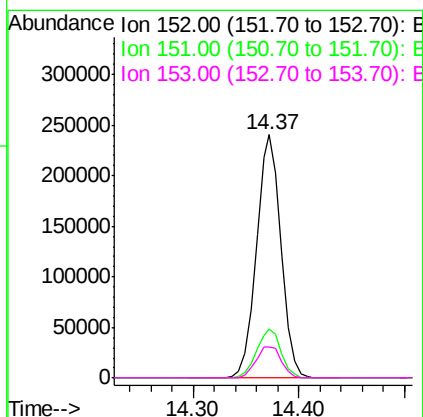
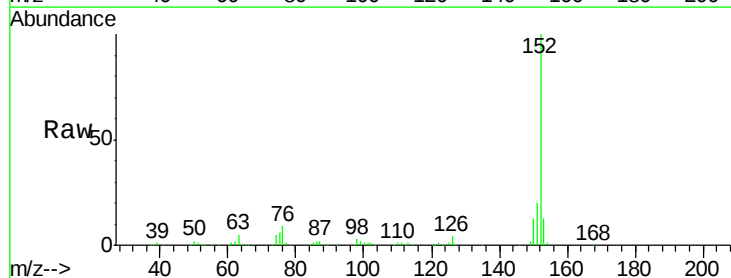
#47  
2-Nitroaniline  
Concen: 32.945 ng  
RT: 13.73 min Scan# 1778  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

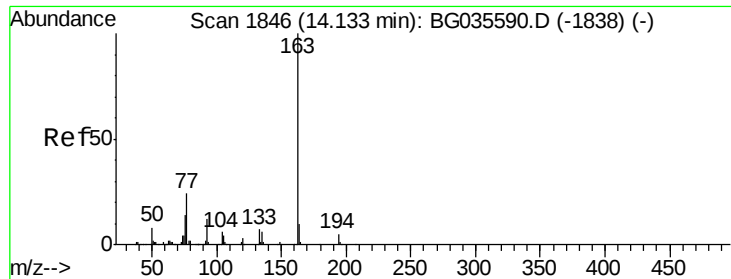
Tgt Ion: 65 Resp: 79298  
Ion Ratio Lower Upper  
65 100  
92 76.7 54.6 82.0  
138 96.8 72.9 109.3



#48  
Acenaphthylene  
Concen: 33.980 ng  
RT: 14.37 min Scan# 1887  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

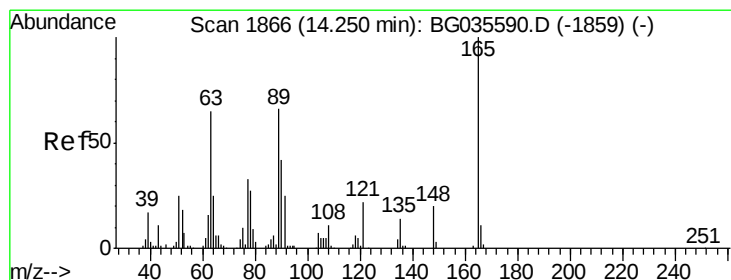
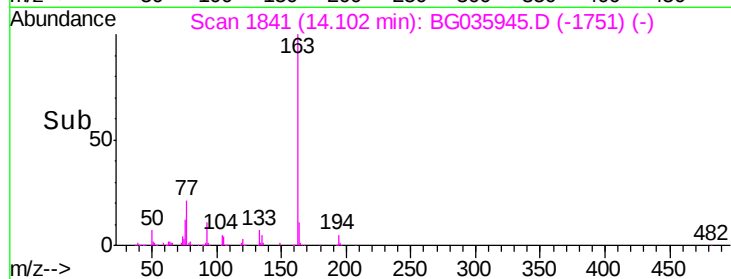
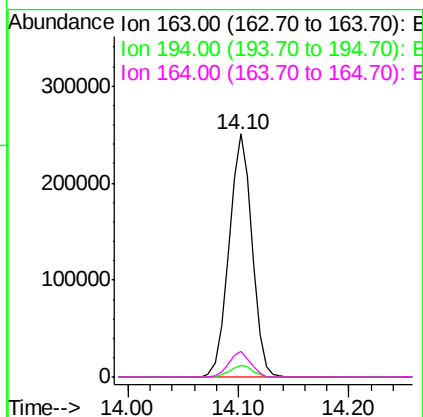
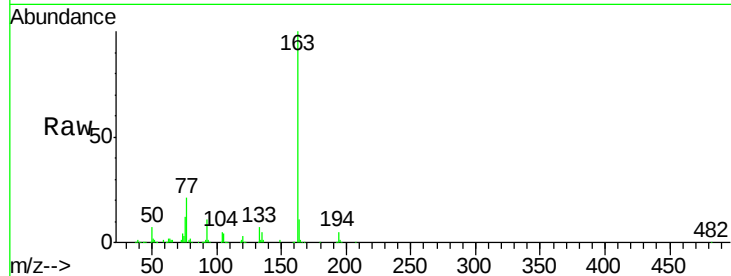
Tgt Ion: 152 Resp: 387528  
Ion Ratio Lower Upper  
152 100  
151 20.0 17.2 25.8  
153 12.7 10.2 15.4





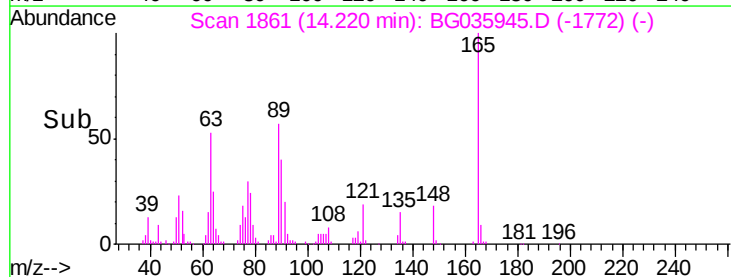
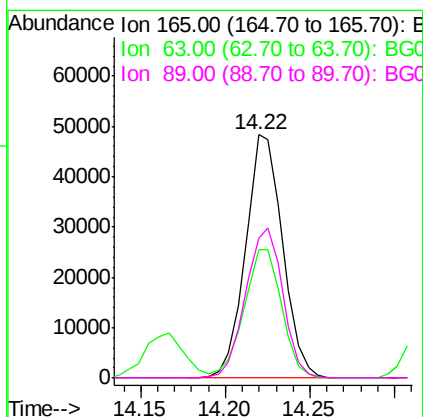
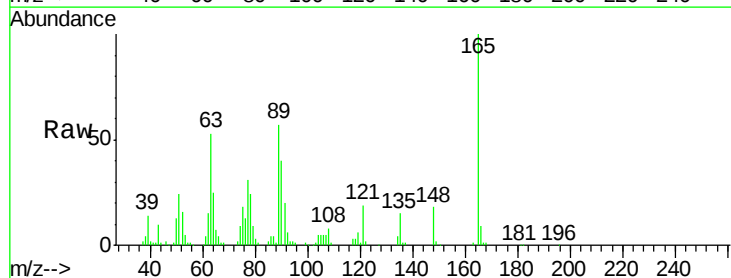
#49  
Dimethylphthalate  
Concen: 36.969 ng  
RT: 14.10 min Scan# 1841  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

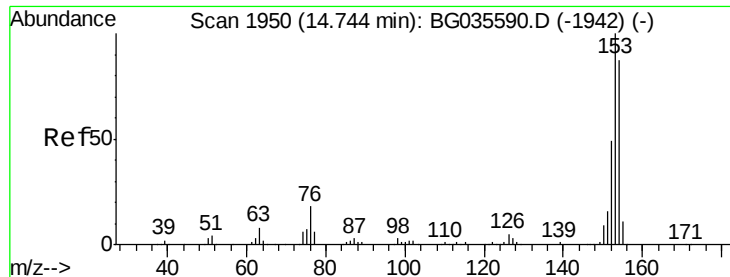
Tgt Ion:163 Resp: 365671  
Ion Ratio Lower Upper  
163 100  
194 5.1 3.4 5.2  
164 10.5 8.2 12.4



#50  
2,6-Dinitrotoluene  
Concen: 36.503 ng  
RT: 14.22 min Scan# 1861  
Delta R.T. -0.01 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

Tgt Ion:165 Resp: 73527  
Ion Ratio Lower Upper  
165 100  
63 52.8 52.7 79.1  
89 57.5 49.2 73.8





#51

Acenaphthene

Concen: 31.473 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

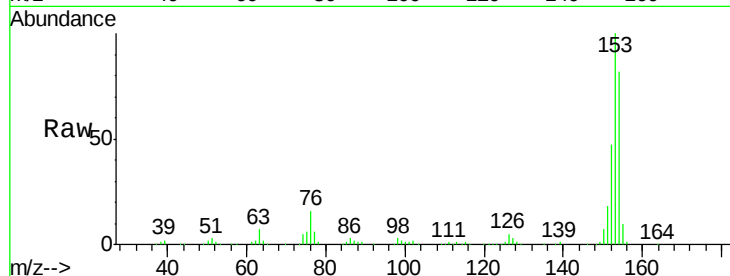
Tgt Ion:154 Resp: 223598

Ion Ratio Lower Upper

154 100

153 122.1 90.4 135.6

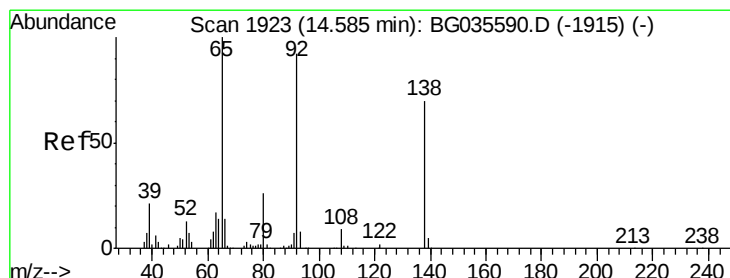
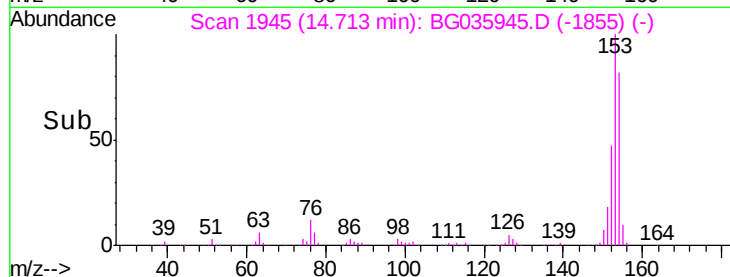
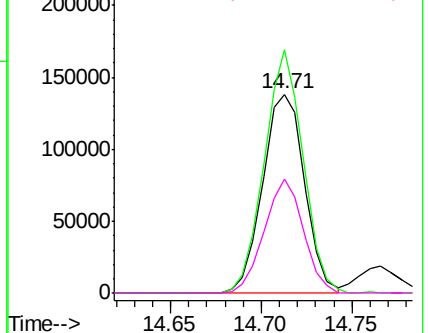
152 57.4 41.6 62.4



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: 25.239 ng

RT: 14.55 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

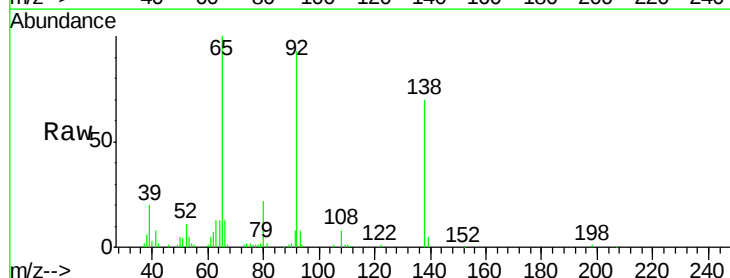
Tgt Ion:138 Resp: 51960

Ion Ratio Lower Upper

138 100

108 10.9 17.5 26.3#

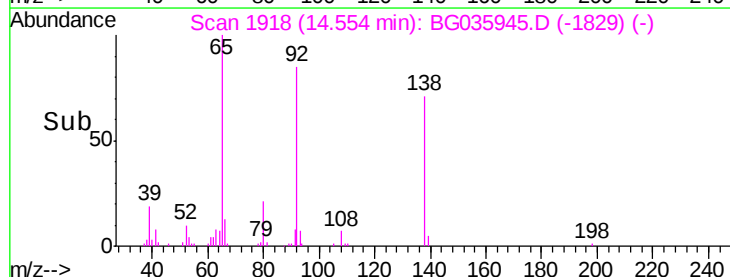
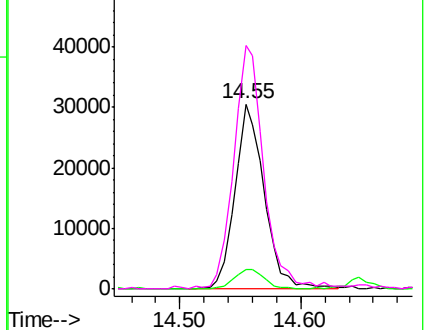
92 131.5 105.8 158.8

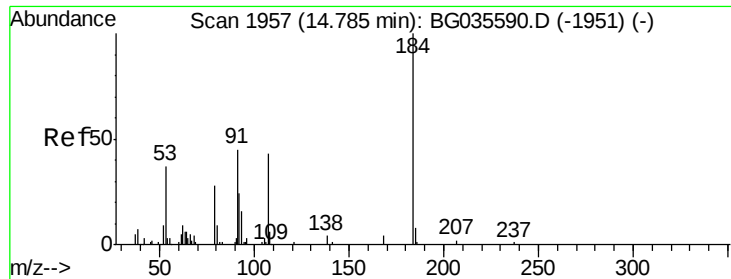


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

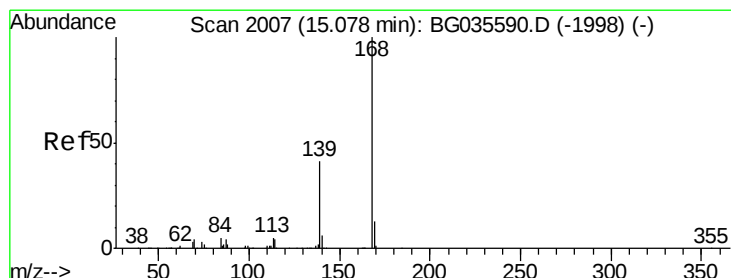
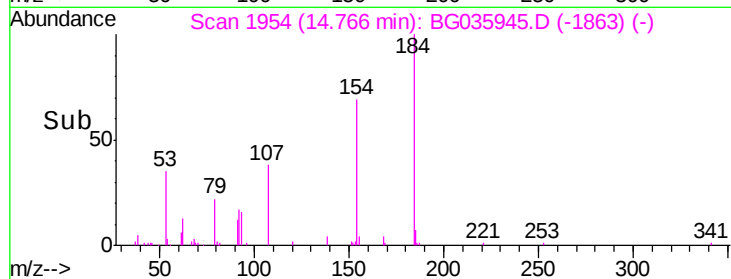
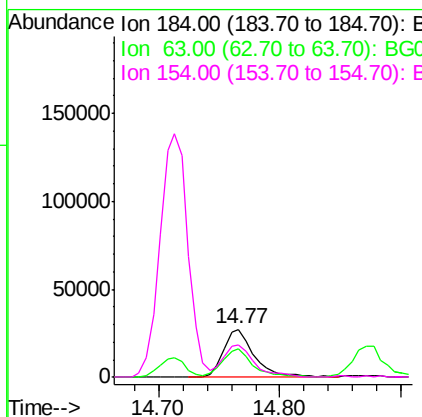
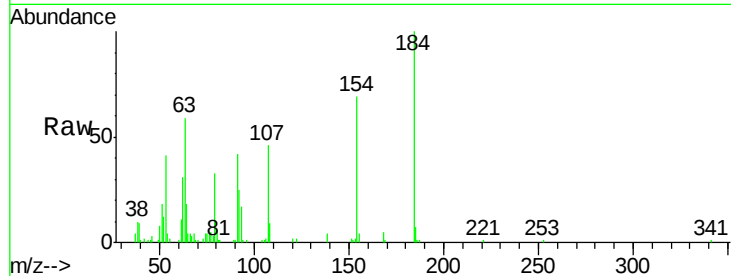
Ion 92.00 (91.70 to 92.70): BG





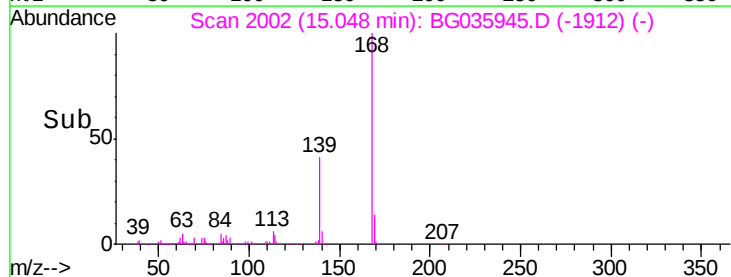
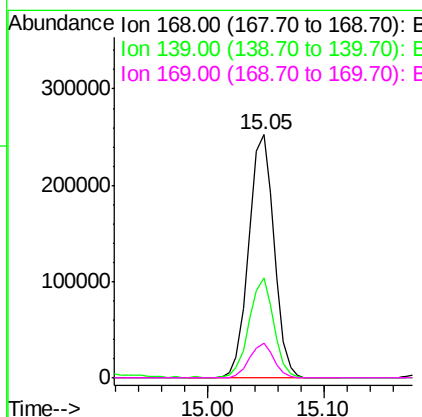
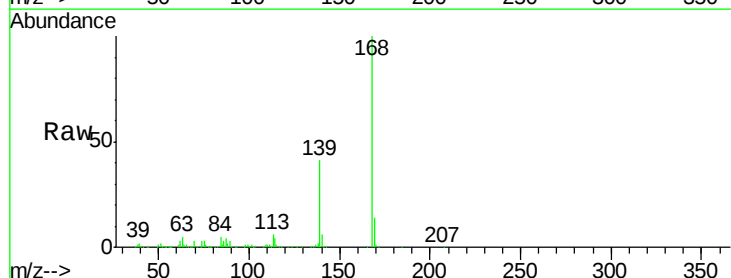
#53  
2,4-Dinitrophenol  
Concen: 49.811 ng  
RT: 14.77 min Scan# 1954  
Delta R.T. 0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

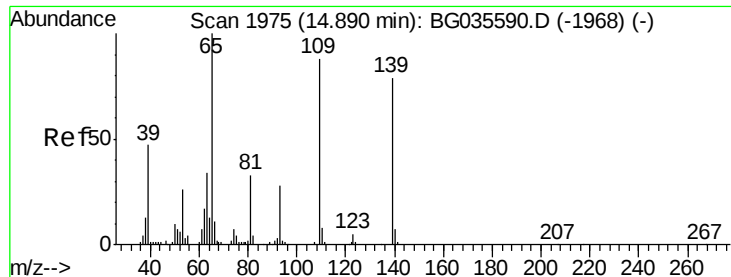
Tgt Ion:184 Resp: 48791  
Ion Ratio Lower Upper  
184 100  
63 58.6 59.8 89.8#  
154 69.0 101.8 152.8#



#54  
Dibenzofuran  
Concen: 34.140 ng  
RT: 15.05 min Scan# 2002  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

Tgt Ion:168 Resp: 385734  
Ion Ratio Lower Upper  
168 100  
139 41.4 28.6 43.0  
169 14.4 11.2 16.8





#55

4-Nitrophenol

Concen: 65.542 ng

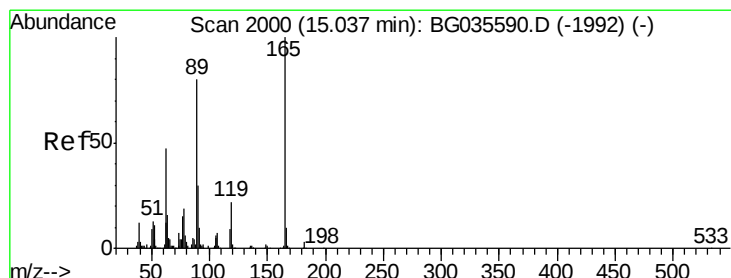
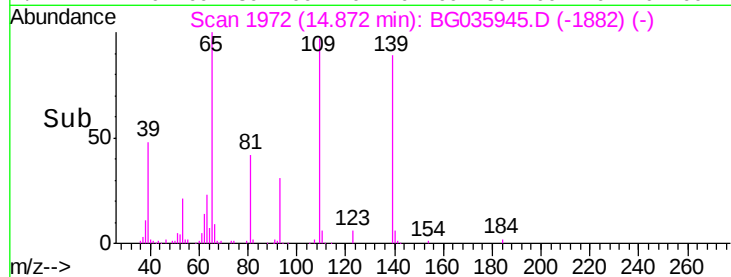
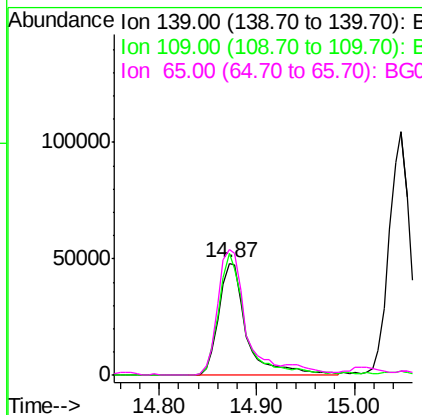
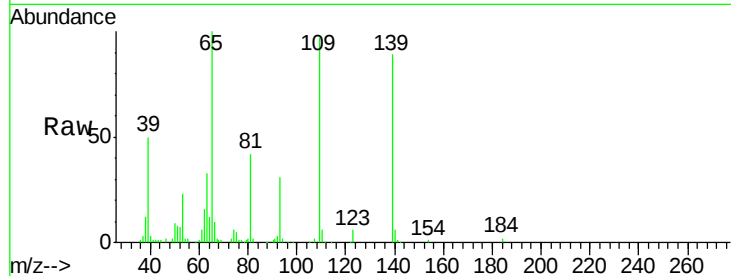
RT: 14.87 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 96093  |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 108.6 | 62.2  | 102.2# |
| 65       | 112.2 | 97.2  | 137.2  |



#56

2,4-Dinitrotoluene

Concen: 37.556 ng

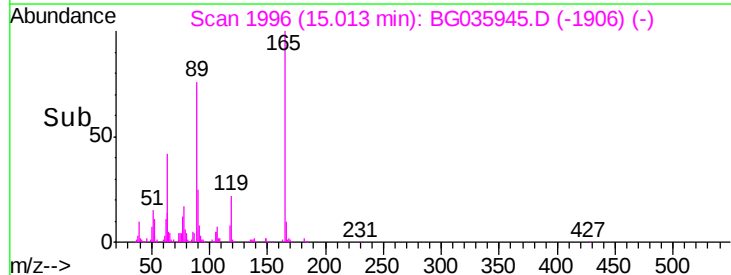
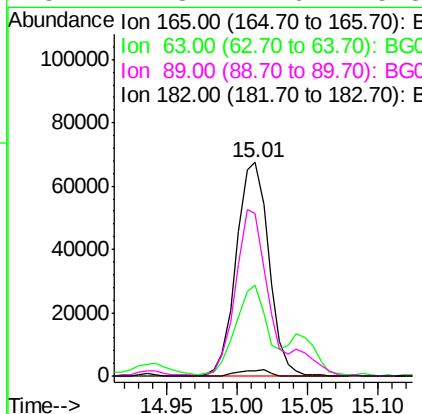
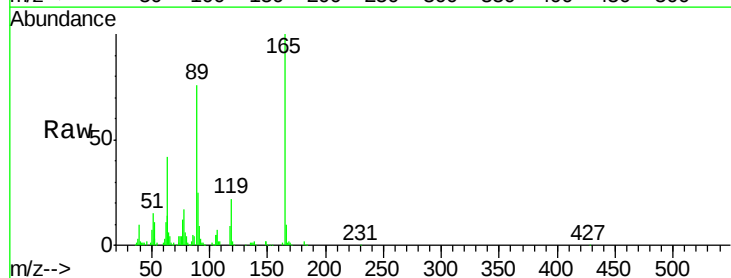
RT: 15.01 min Scan# 1996

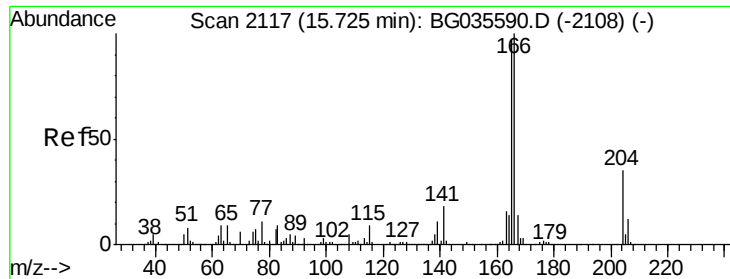
Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

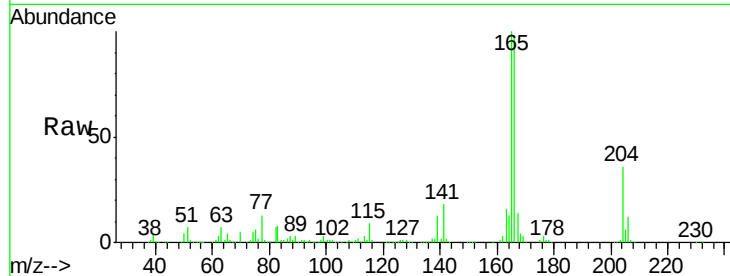
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 108526 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 42.4  | 42.0  | 63.0   |
| 89       | 76.3  | 66.9  | 100.3  |
| 182      | 2.3   | 2.6   | 3.8#   |



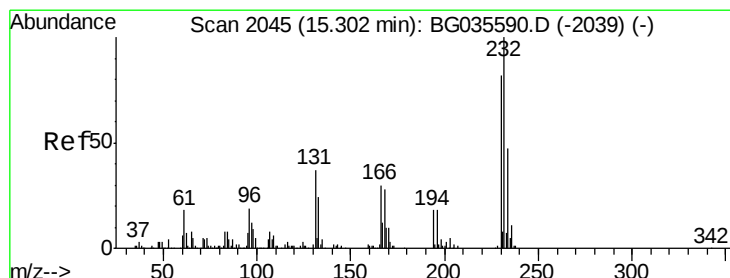
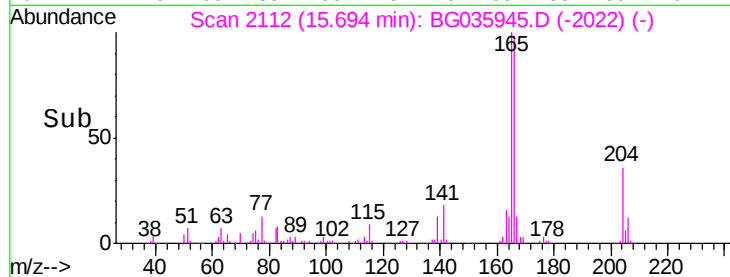
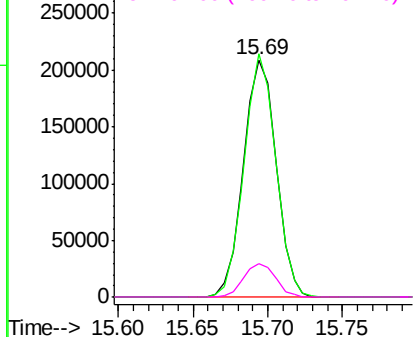


#57  
 Fluorene  
 Concen: 33.540 ng  
 RT: 15.69 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

Tgt Ion:166 Resp: 317619  
 Ion Ratio Lower Upper  
 166 100  
 165 102.4 80.6 121.0  
 167 13.9 10.4 15.6

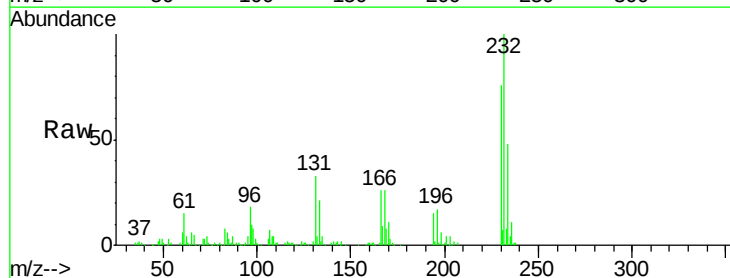


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

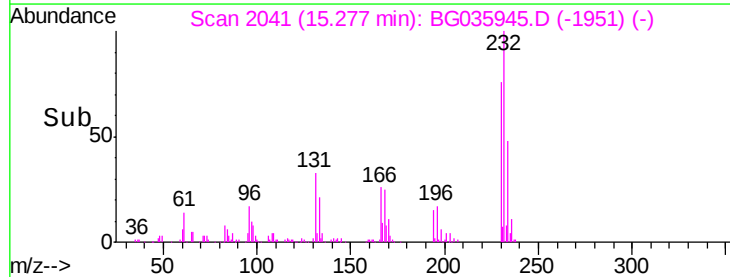
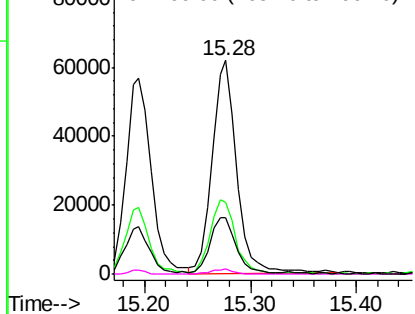


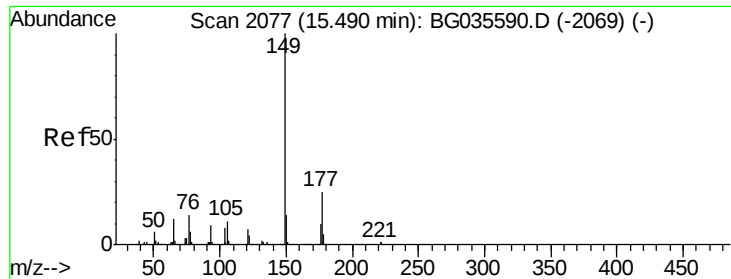
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.560 ng  
 RT: 15.28 min Scan# 2041  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

Tgt Ion:232 Resp: 100391  
 Ion Ratio Lower Upper  
 232 100  
 131 35.1 33.5 50.3  
 130 1.9 2.2 3.2#  
 166 27.0 24.8 37.2



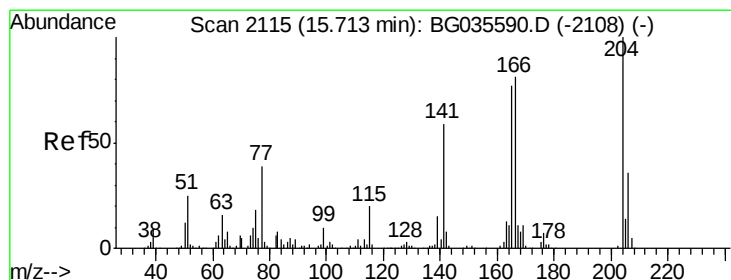
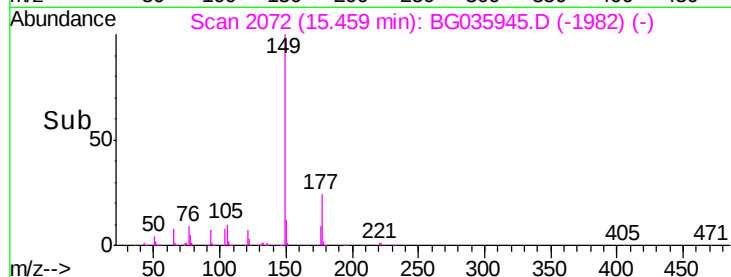
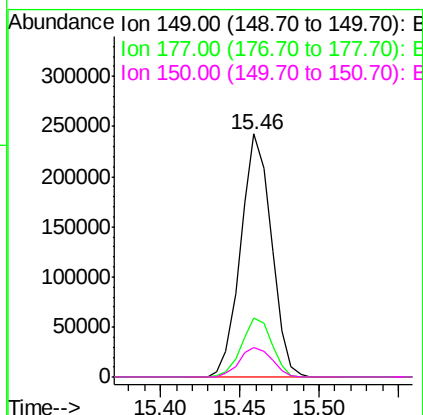
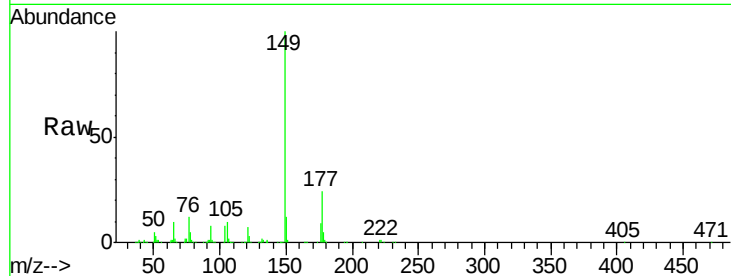
Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E





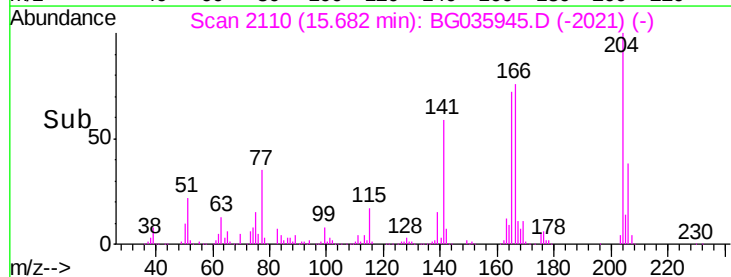
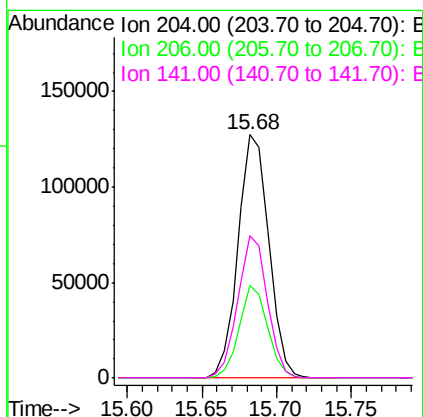
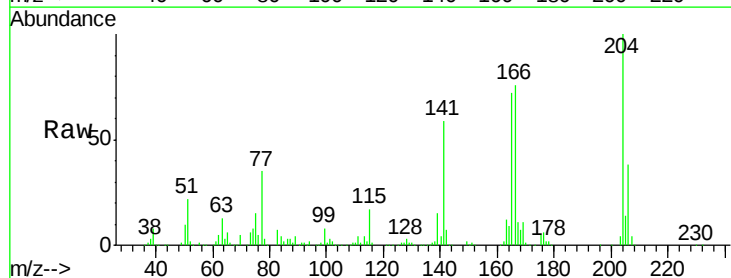
#59  
Diethylphthalate  
Concen: 32.157 ng  
RT: 15.46 min Scan# 2072  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

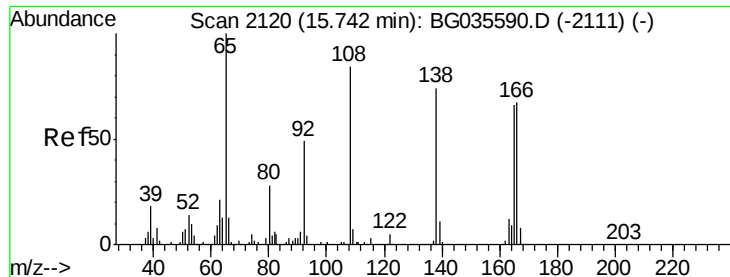
Tgt Ion:149 Resp: 327061  
Ion Ratio Lower Upper  
149 100  
177 24.1 18.5 27.7  
150 12.3 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 32.739 ng  
RT: 15.68 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

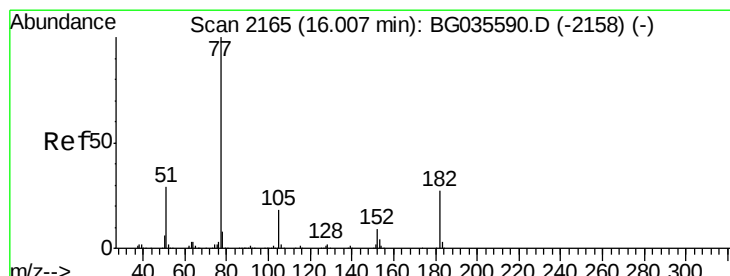
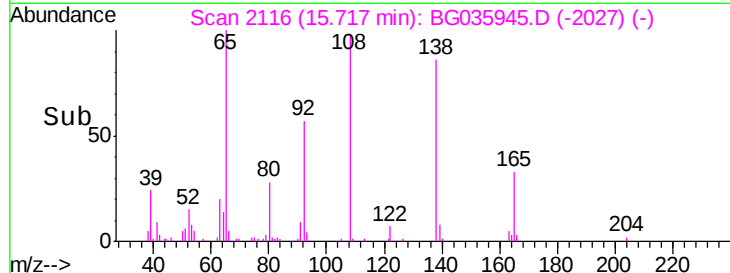
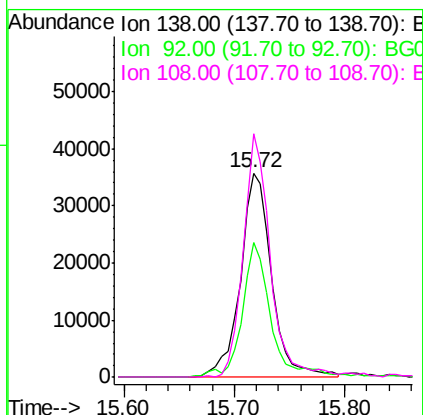
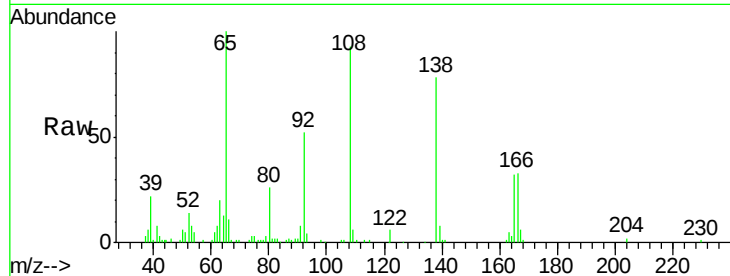
Tgt Ion:204 Resp: 182221  
Ion Ratio Lower Upper  
204 100  
206 38.0 26.2 39.2  
141 58.6 45.8 68.6





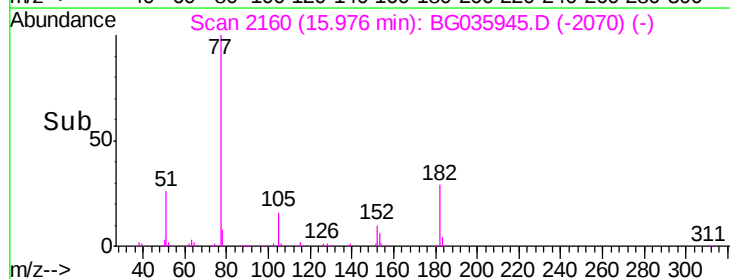
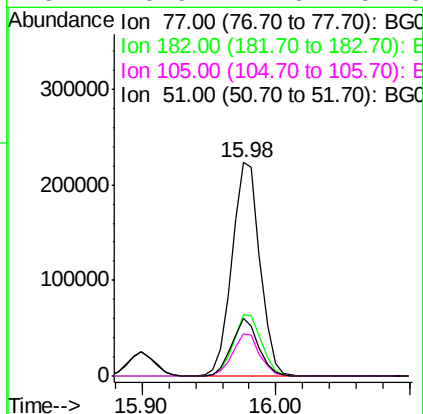
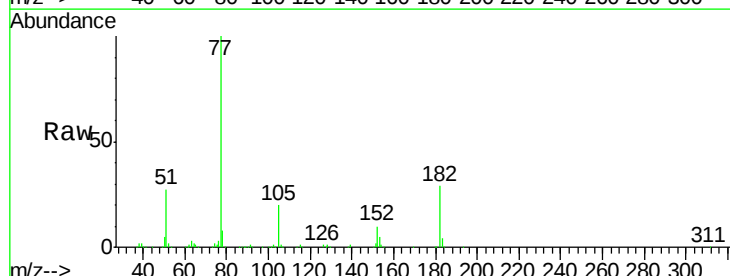
#61  
4-Nitroaniline  
Concen: 33.004 ng  
RT: 15.72 min Scan# 2116  
Delta R.T. -0.01 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

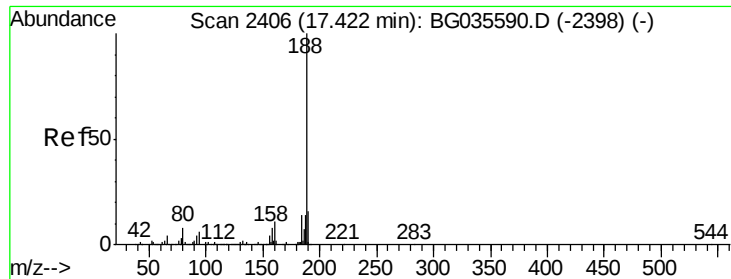
Tgt Ion: 138 Resp: 71073  
Ion Ratio Lower Upper  
138 100  
92 66.3 40.1 80.1  
108 119.3 65.4 105.4#



#62  
Azobenzene  
Concen: 32.536 ng  
RT: 15.98 min Scan# 2160  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

Tgt Ion: 77 Resp: 326415  
Ion Ratio Lower Upper  
77 100  
182 28.6 7.4 47.4  
105 19.7 0.3 40.3  
51 26.9 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

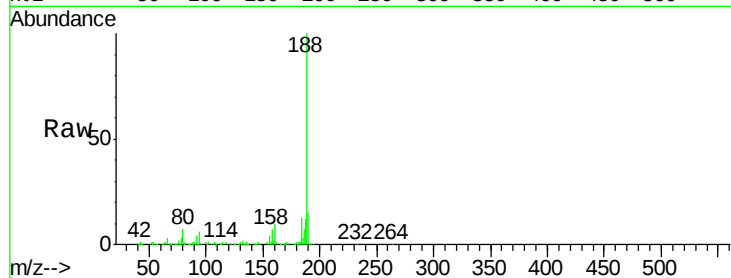
RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

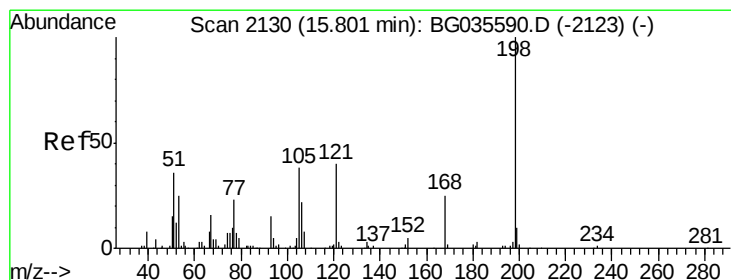
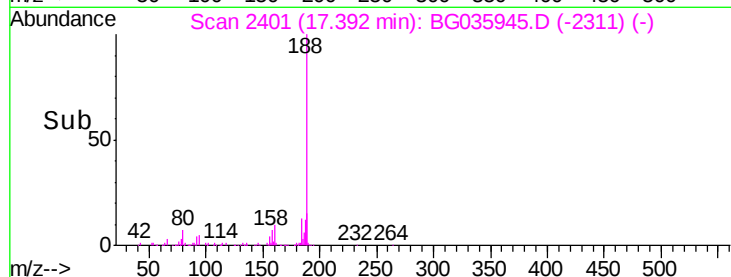
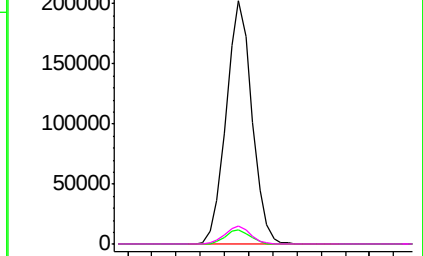
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 300718 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 5.9   | 6.9   | 10.3#  |
| 80       | 7.5   | 7.7   | 11.5#  |



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 35.850 ng

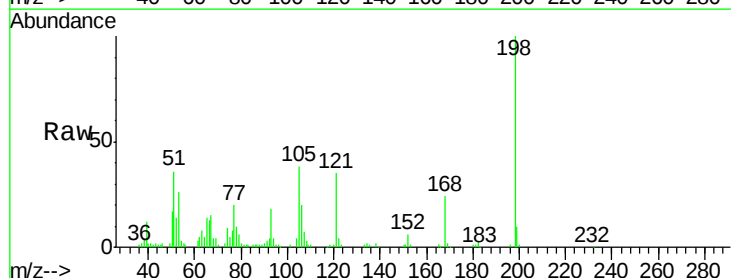
RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

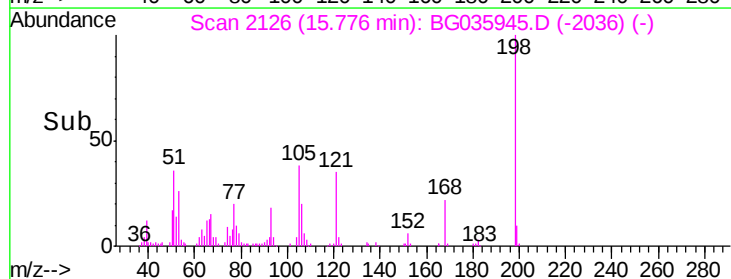
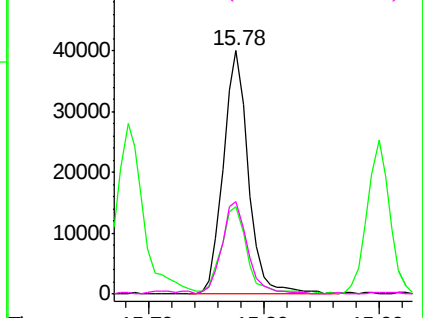
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 198   | Resp: | 60013 |
| Ion      | Ratio | Lower | Upper |
| 198      | 100   |       |       |
| 51       | 36.2  | 30.6  | 70.6  |
| 105      | 38.1  | 23.8  | 63.8  |

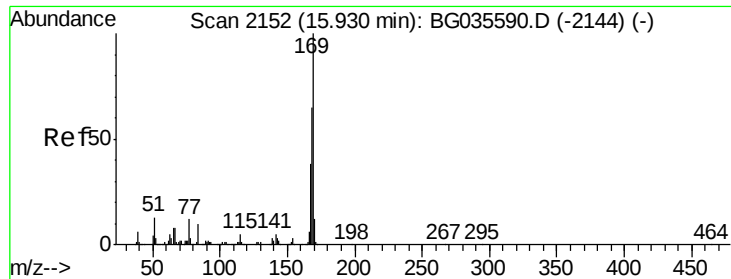


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

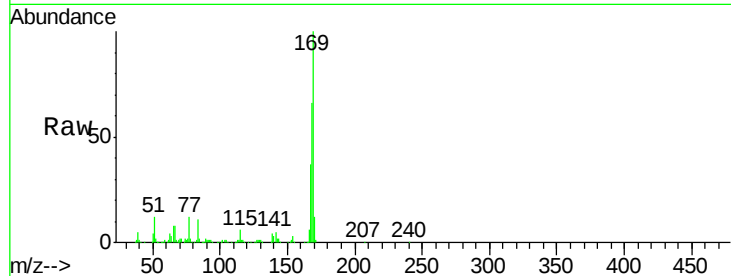




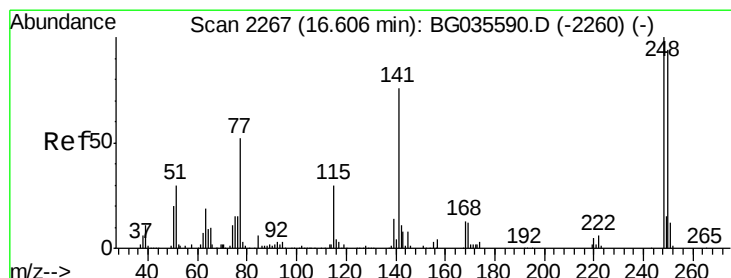
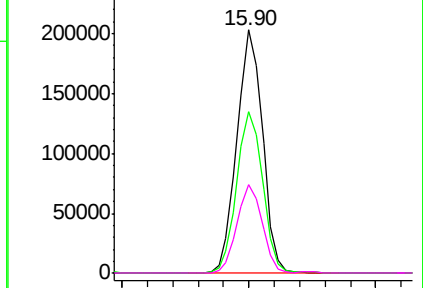
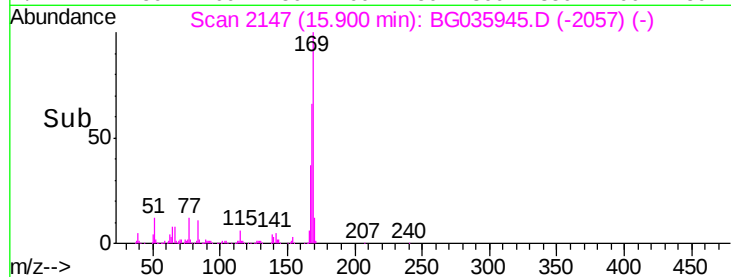
#65

n-Nitrosodiphenylamine  
 Concen: 33.193 ng  
 RT: 15.90 min Scan# 2147  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 284120 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.3  | 55.7  | 83.5   |
| 167       | 36.5  | 30.1  | 45.1   |



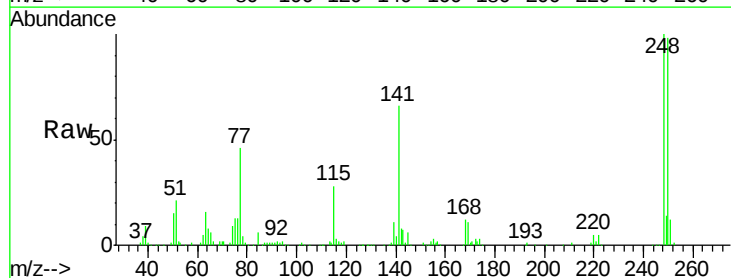
Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E



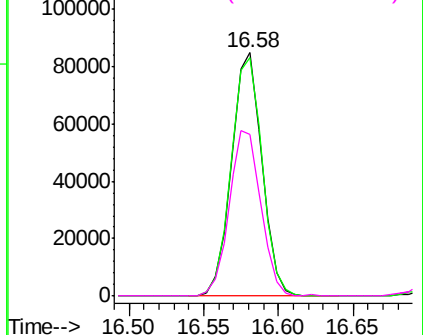
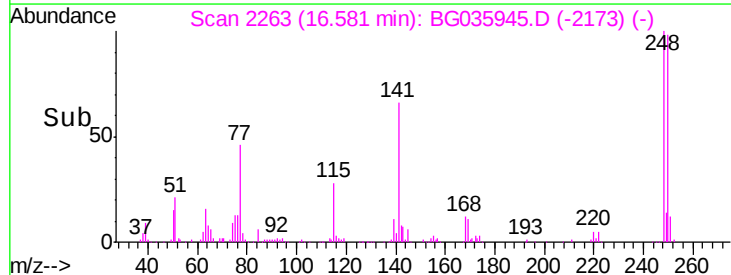
#66

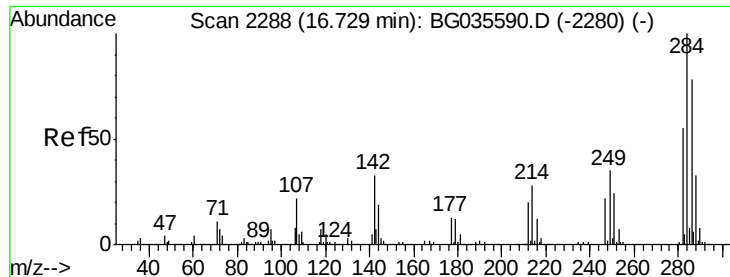
4-Bromophenyl-phenylether  
 Concen: 34.642 ng  
 RT: 16.58 min Scan# 2263  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 120860 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.0  | 77.1  | 115.7  |
| 141       | 66.5  | 50.8  | 76.2   |



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: 36.056 ng

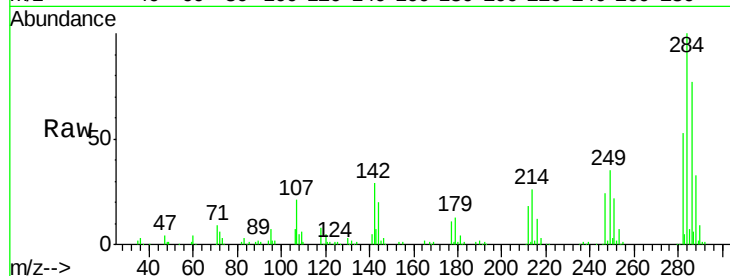
RT: 16.70 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

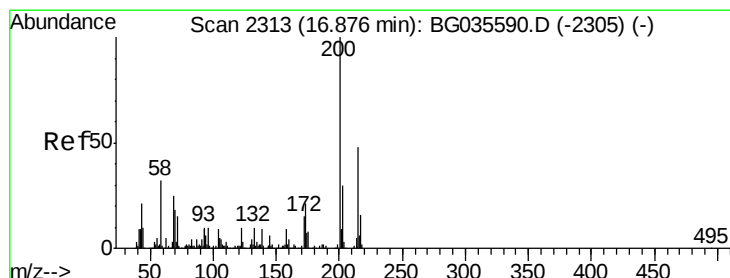
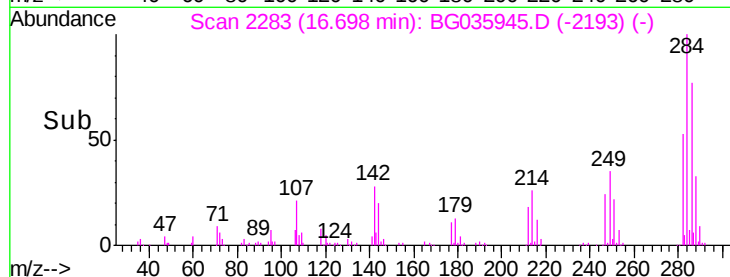
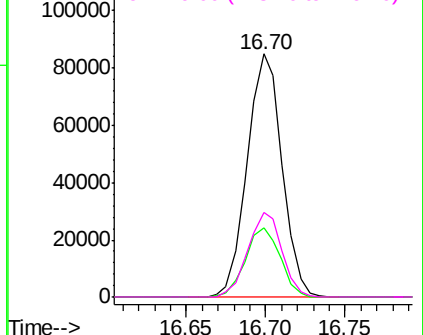
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 129545 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 28.5  | 26.8  | 40.2   |
| 249       | 34.9  | 26.3  | 39.5   |



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: 35.472 ng

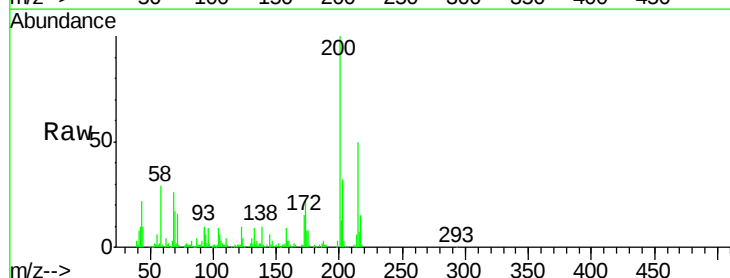
RT: 16.85 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

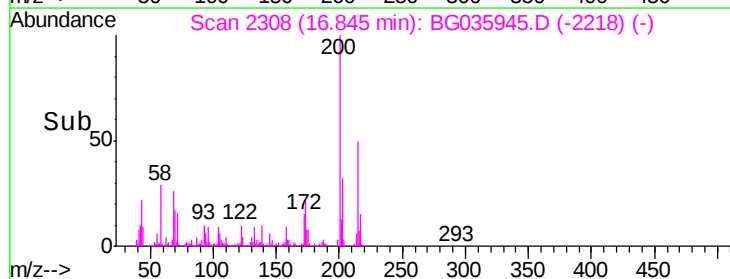
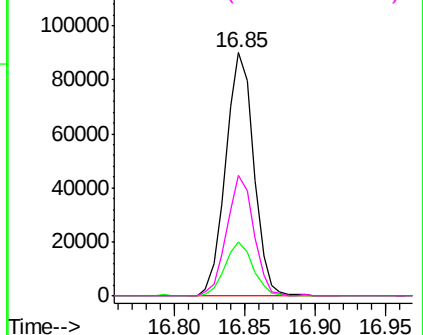
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 125012 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 22.3  | 5.2   | 45.2   |
| 215       | 49.7  | 30.4  | 70.4   |

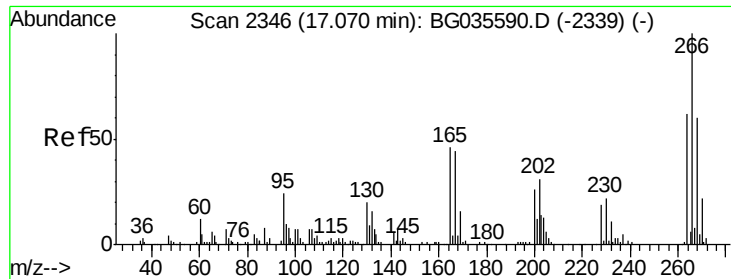


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

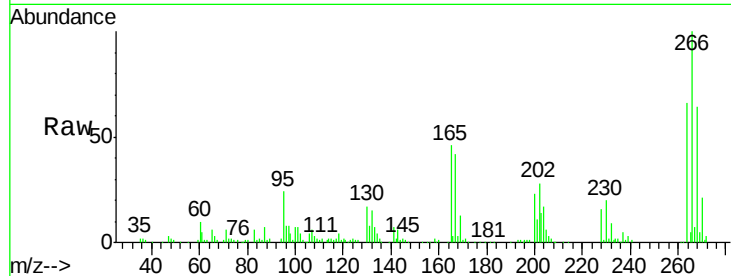
Ion 215.00 (214.70 to 215.70): E



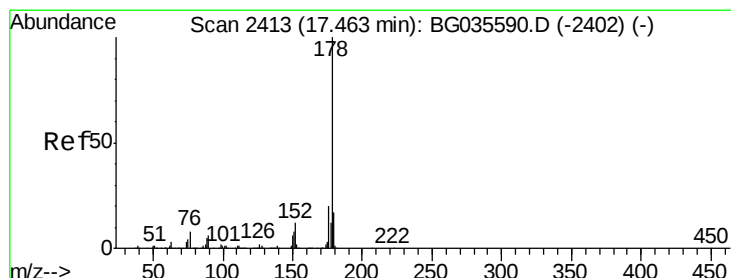
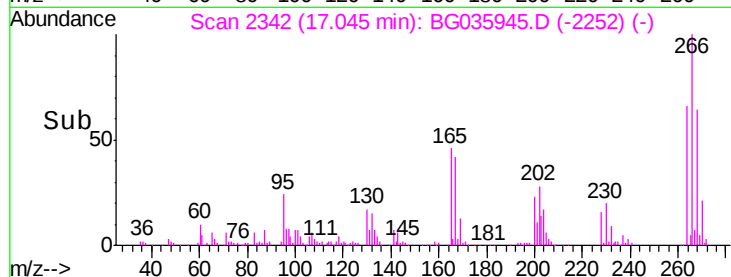
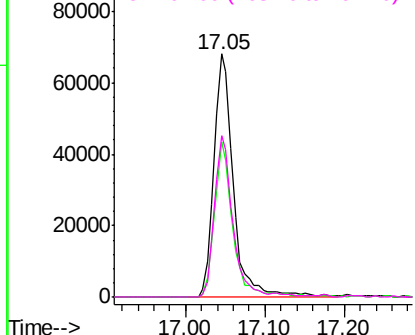


#69  
 Pentachlorophenol  
 Concen: 53.088 ng  
 RT: 17.05 min Scan# 2342  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

Tgt Ion: 266 Resp: 116177  
 Ion Ratio Lower Upper  
 266 100  
 268 63.7 51.1 76.7  
 264 66.4 49.6 74.4

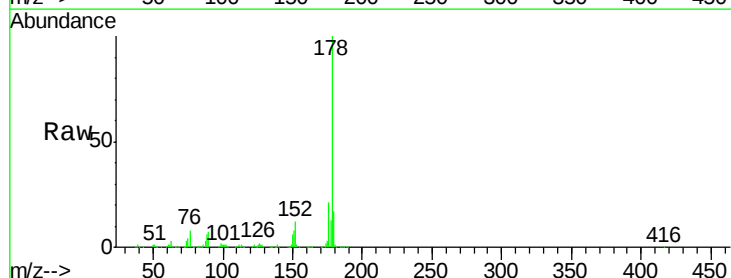


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

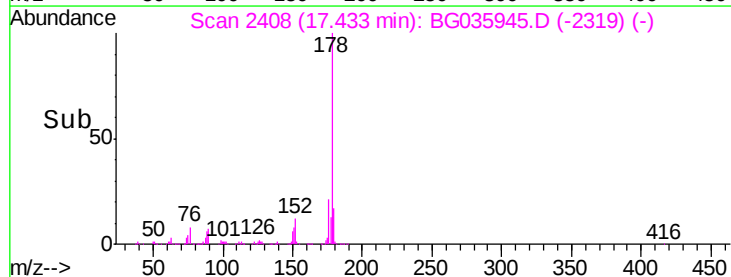
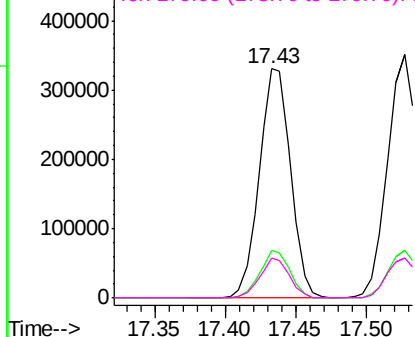


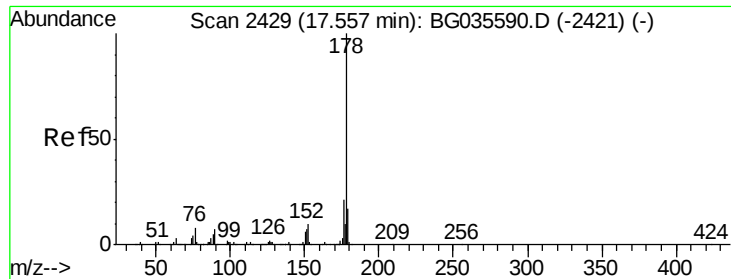
#70  
 Phenanthrene  
 Concen: 34.391 ng  
 RT: 17.43 min Scan# 2408  
 Delta R.T. -0.01 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

Tgt Ion: 178 Resp: 516041  
 Ion Ratio Lower Upper  
 178 100  
 176 20.8 15.7 23.5  
 179 17.4 12.5 18.7



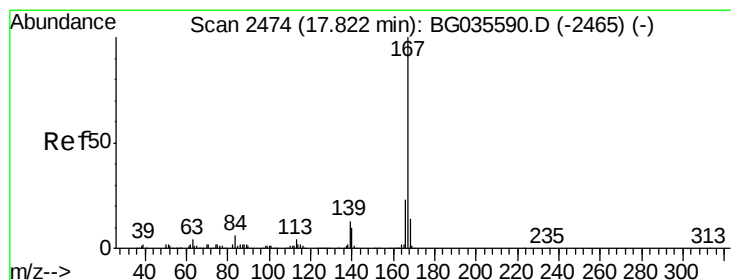
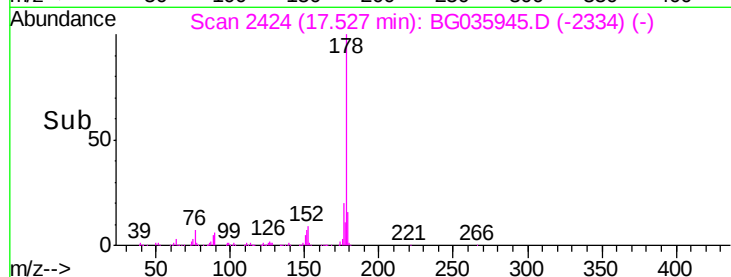
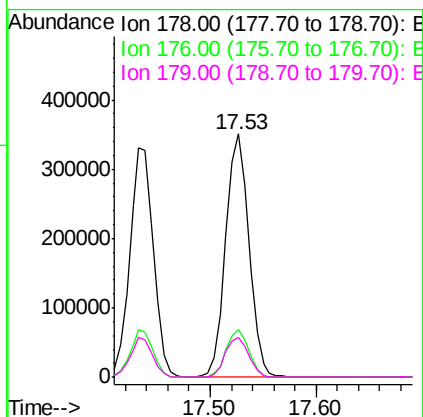
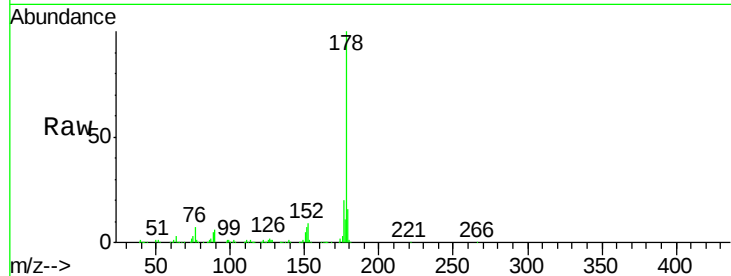
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





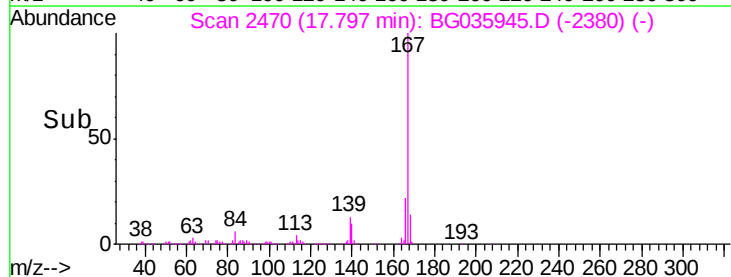
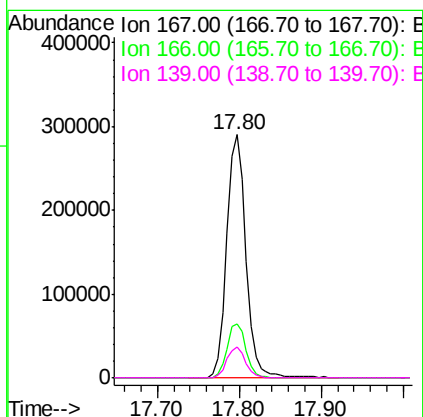
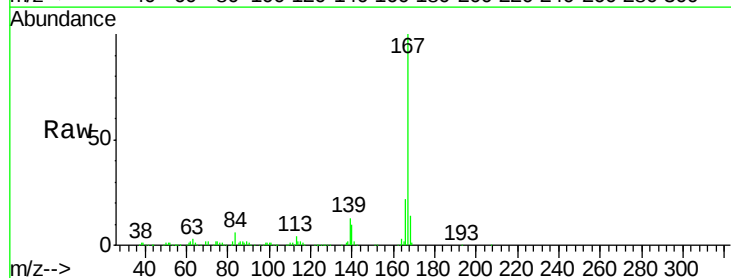
#71  
 Anthracene  
 Concen: 35.656 ng  
 RT: 17.53 min Scan# 2424  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

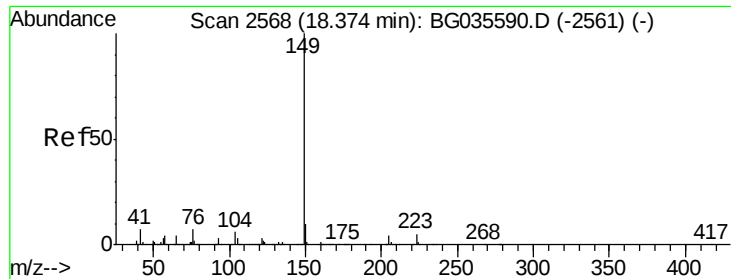
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 16.0  | 24.0  |
| 179     | 16.5  | 12.5  | 18.7  |



#72  
 Carbazole  
 Concen: 33.602 ng  
 RT: 17.80 min Scan# 2470  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.4  | 18.2  | 27.4  |
| 139     | 13.0  | 9.4   | 14.2  |





#73

Di-n-butylphthalate

Concen: 32.193 ng

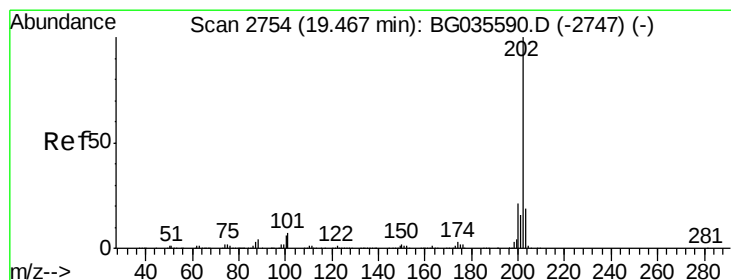
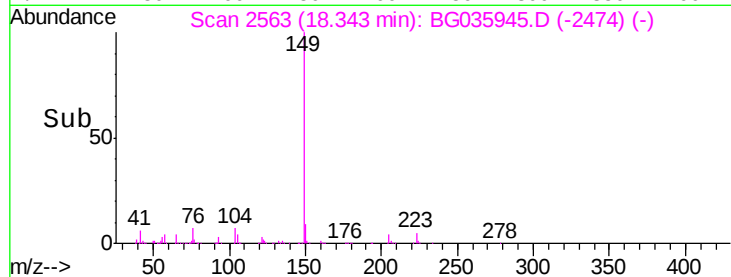
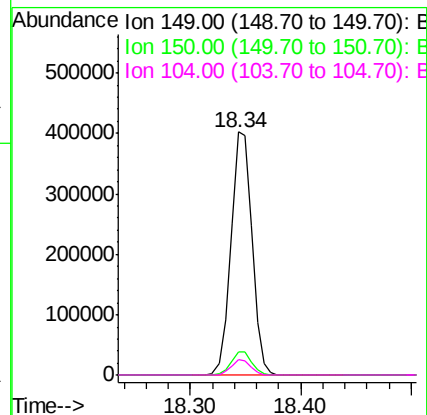
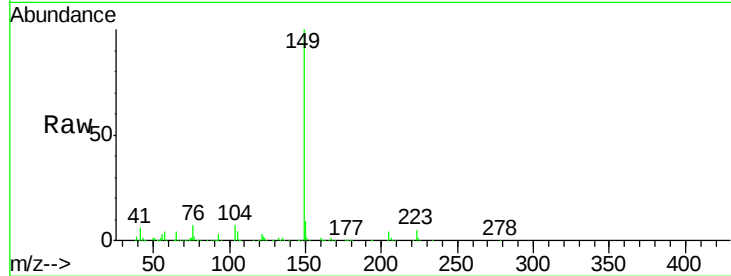
RT: 18.34 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 539812 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 150      | 9.5   | 7.8   | 11.6   |
| 104      | 6.7   | 3.9   | 5.9#   |



#74

Fluoranthene

Concen: 32.940 ng

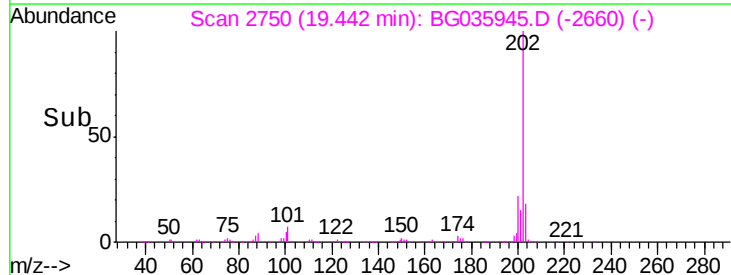
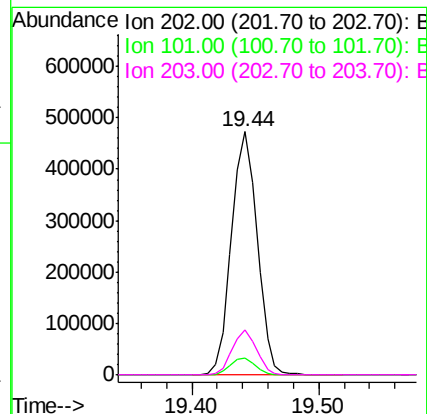
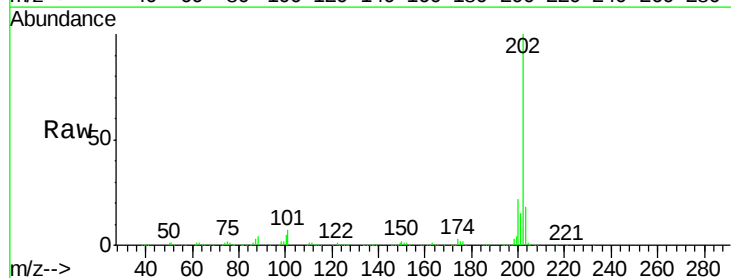
RT: 19.44 min Scan# 2750

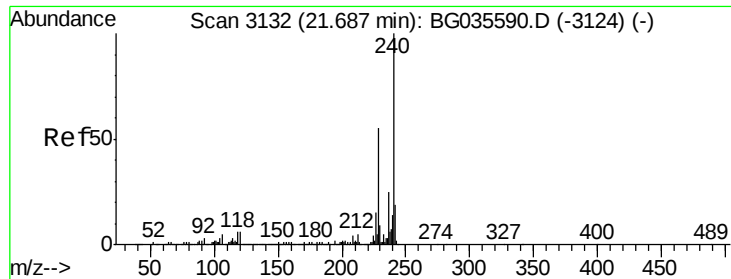
Delta R.T. -0.00 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

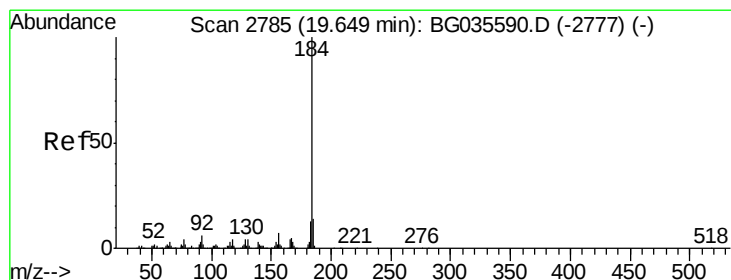
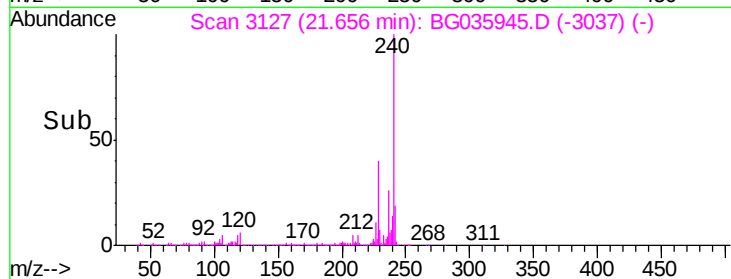
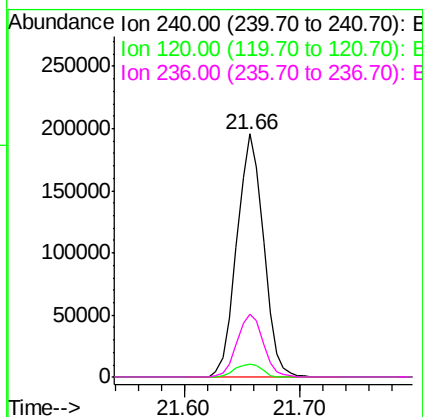
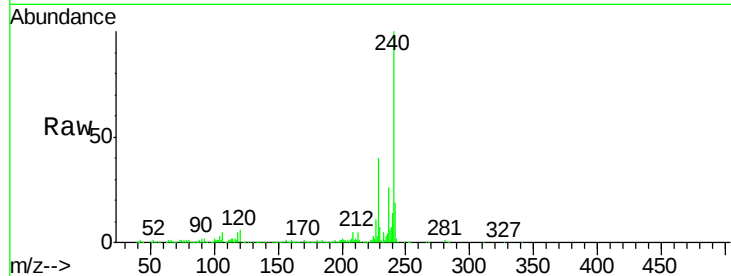
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 665784 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 6.9   | 0.0   | 28.9   |
| 203      | 18.4  | 0.0   | 37.5   |





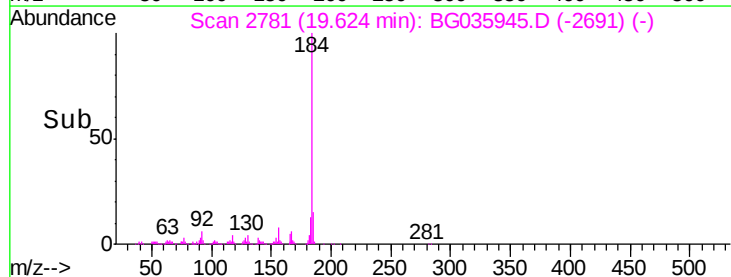
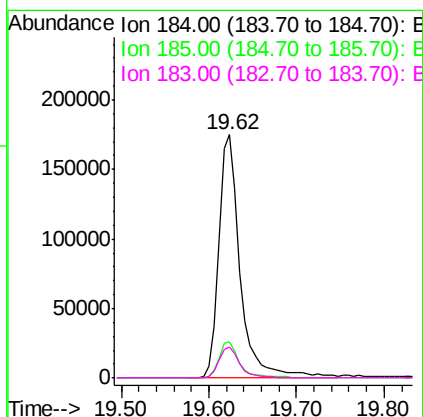
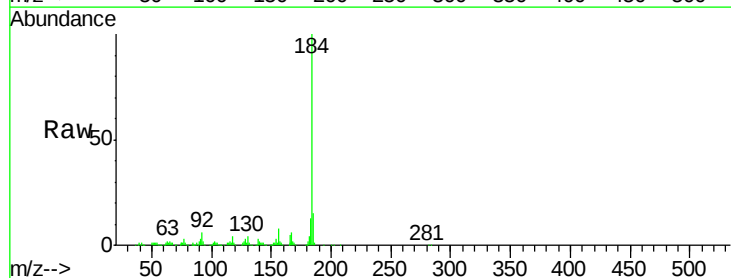
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.66 min Scan# 3127  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

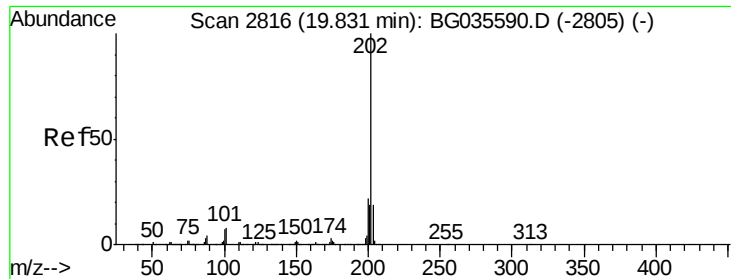
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.5   | 6.8   | 10.2# |
| 236     | 25.7  | 20.9  | 31.3  |



#76  
Benzidine  
Concen: 36.081 ng  
RT: 19.62 min Scan# 2781  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

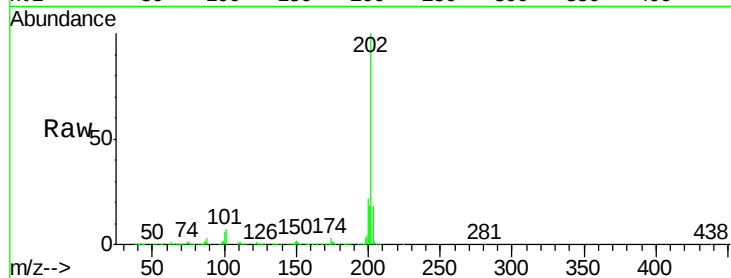
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.1  | 11.1  | 16.7  |
| 183     | 13.0  | 10.6  | 16.0  |



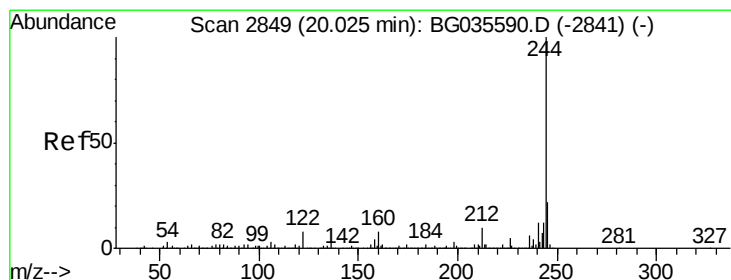
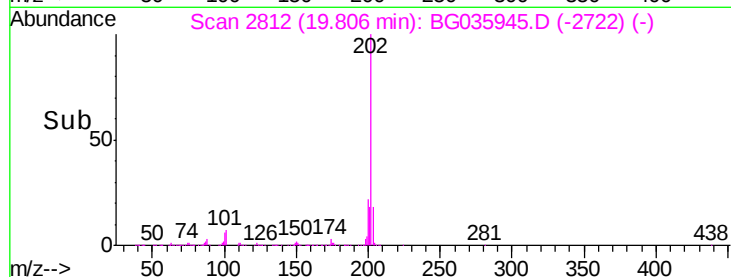
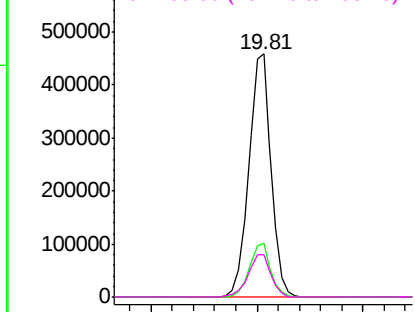


#77  
 Pyrene  
 Concen: 33.851 ng  
 RT: 19.81 min Scan# 2812  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 674510 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 22.3  | 16.9  | 25.3   |
| 203      | 17.7  | 13.9  | 20.9   |

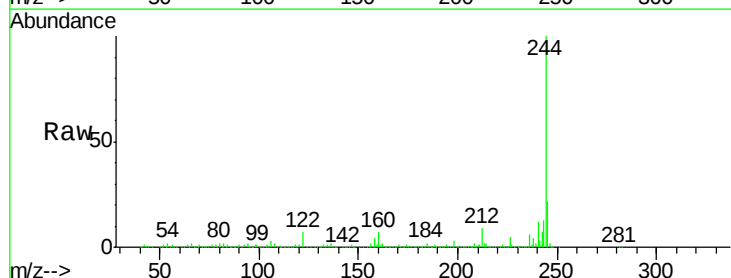


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

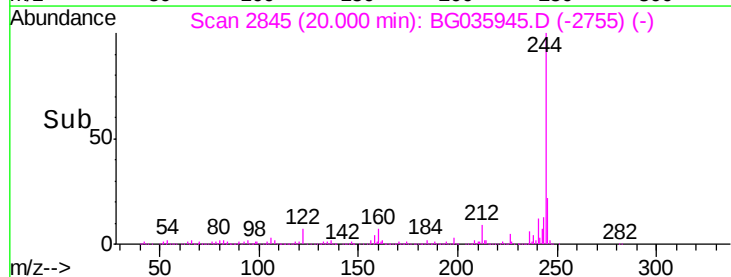
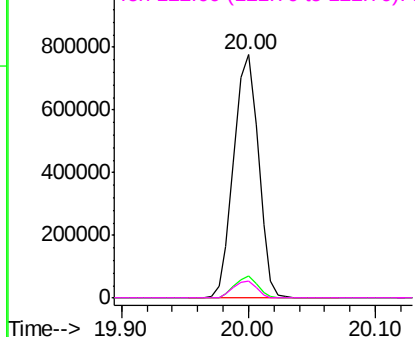


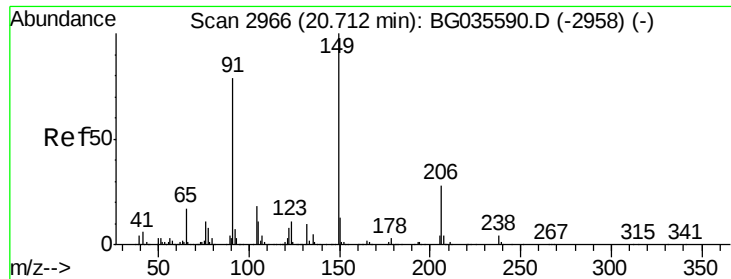
#78  
 Terphenyl-d14  
 Concen: 73.653 ng  
 RT: 20.00 min Scan# 2845  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 1052955 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 9.2   | 5.8   | 8.8#    |
| 122      | 6.8   | 7.0   | 10.4#   |



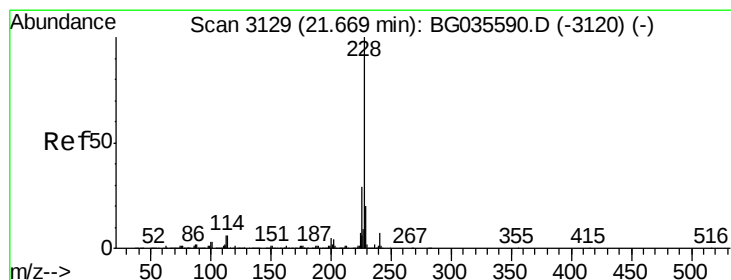
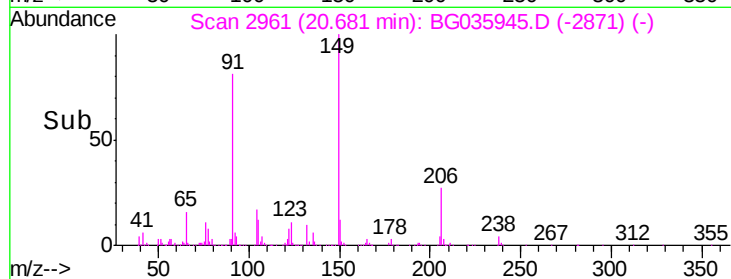
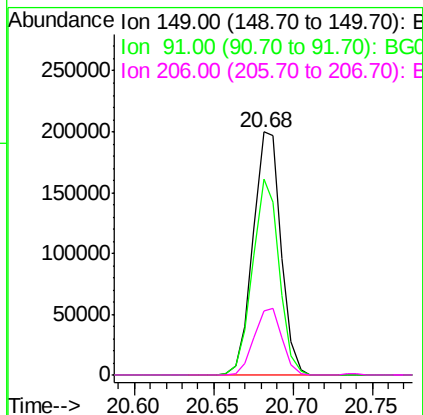
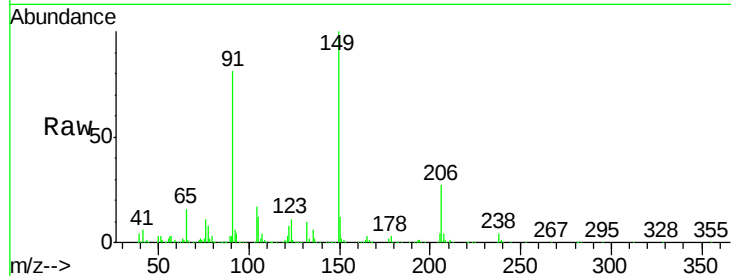
Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E





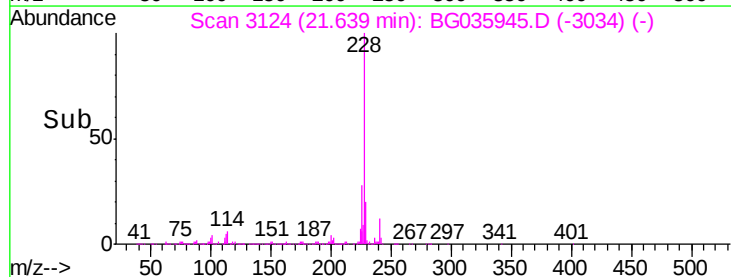
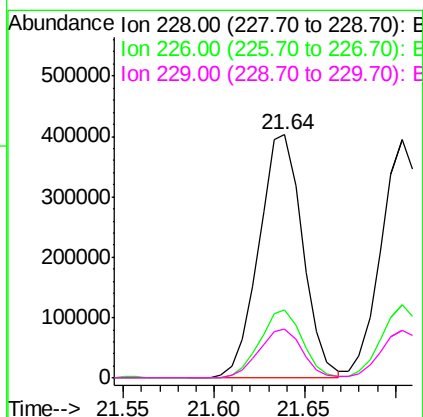
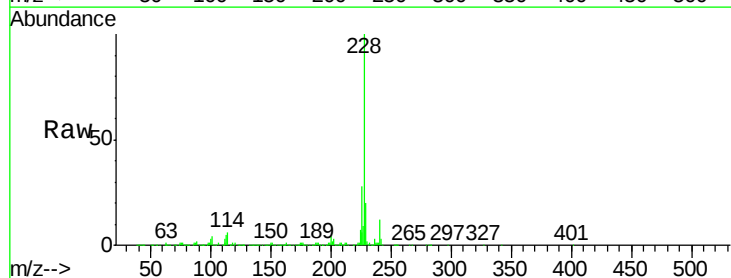
#79  
Butylbenzylphthalate  
Concen: 34.407 ng  
RT: 20.68 min Scan# 2961  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

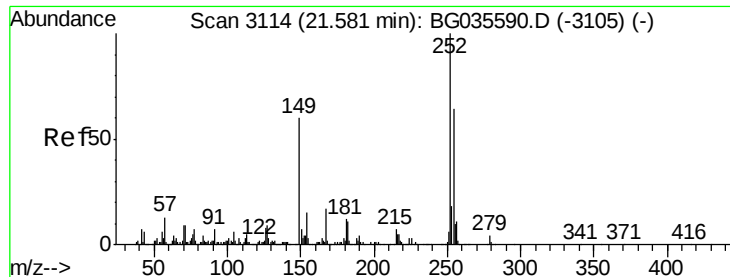
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 80.7  | 62.2  | 93.2  |
| 206     | 26.6  | 18.6  | 27.8  |



#80  
Benzo(a)anthracene  
Concen: 34.476 ng  
RT: 21.64 min Scan# 3124  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

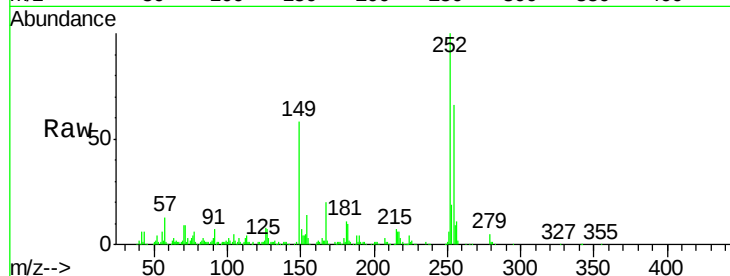
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.3  | 22.7  | 34.1  |
| 229     | 20.2  | 16.2  | 24.2  |



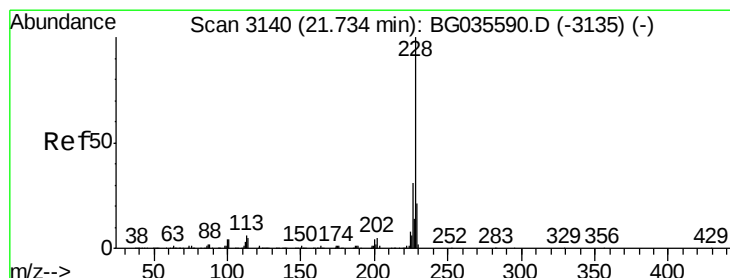
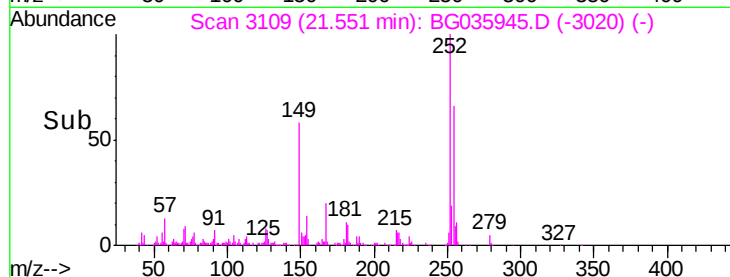
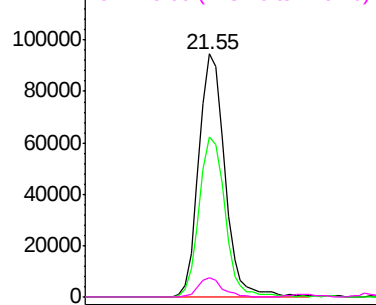


#81  
 3,3'-Dichlorobenzidine  
 Concen: 23.719 ng  
 RT: 21.55 min Scan# 3109  
 Delta R.T. -0.01 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.9  | 50.8  | 76.2  |
| 126     | 7.8   | 7.4   | 11.2  |

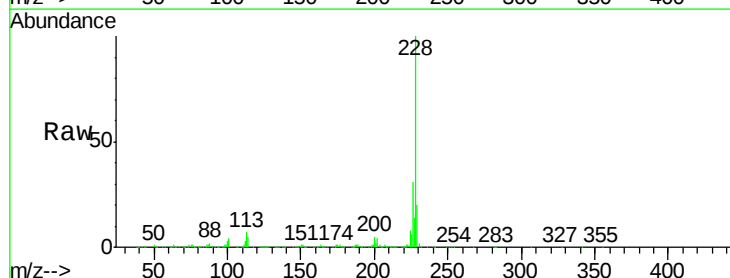


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

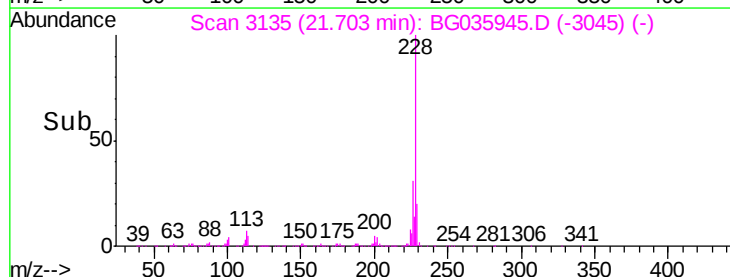
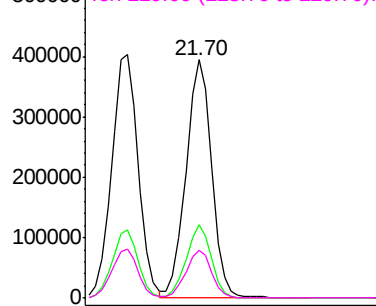


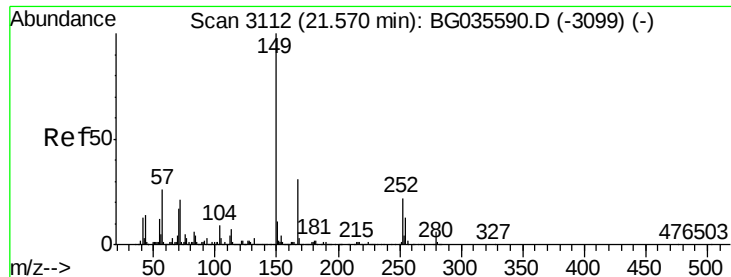
#82  
 Chrysene  
 Concen: 34.734 ng  
 RT: 21.70 min Scan# 3135  
 Delta R.T. -0.00 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.9  | 24.9  | 37.3  |
| 229     | 20.3  | 15.0  | 22.4  |



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: 35.395 ng

RT: 21.53 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

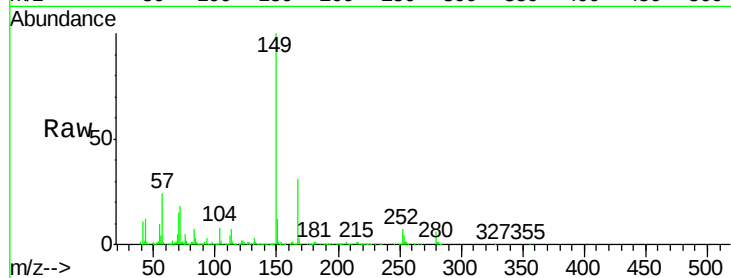
Tgt Ion:149 Resp: 342885

Ion Ratio Lower Upper

149 100

167 30.7 24.3 36.5

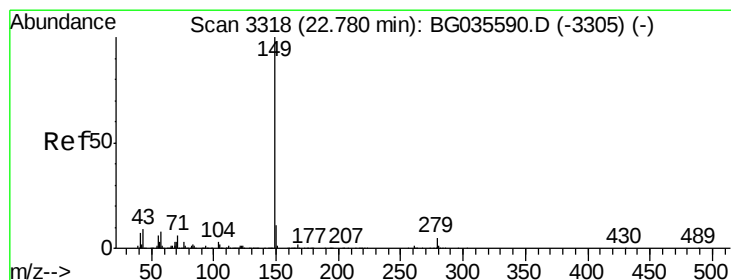
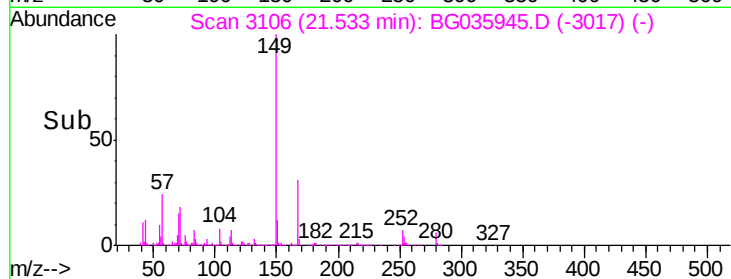
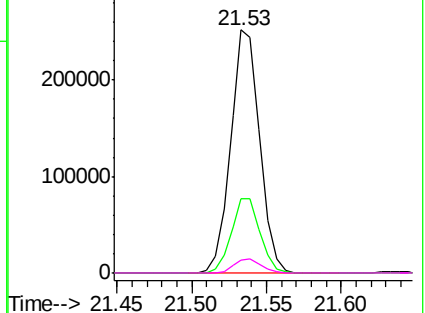
279 5.5 4.0 6.0



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: 35.931 ng

RT: 22.73 min Scan# 3310

Delta R.T. -0.01 min

Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

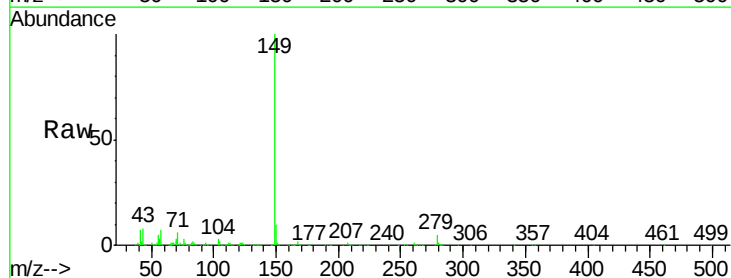
Tgt Ion:149 Resp: 582803

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

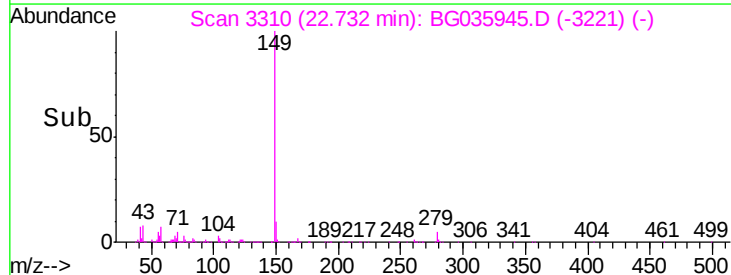
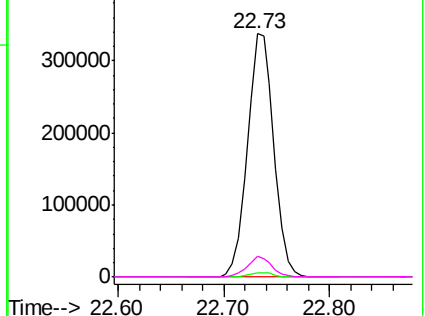
43 8.0 8.9 13.3#

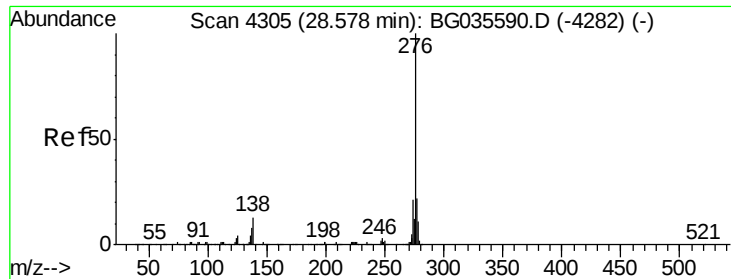


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.269 ng

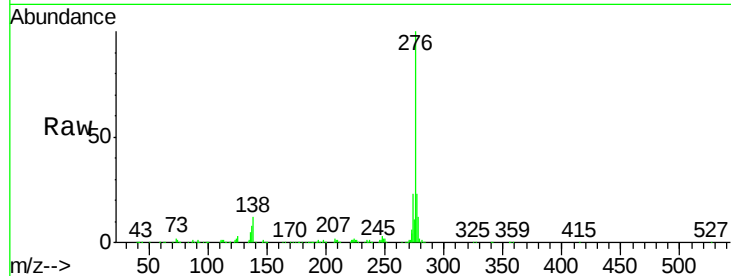
RT: 28.49 min Scan# 4290

Delta R.T. -0.01 min

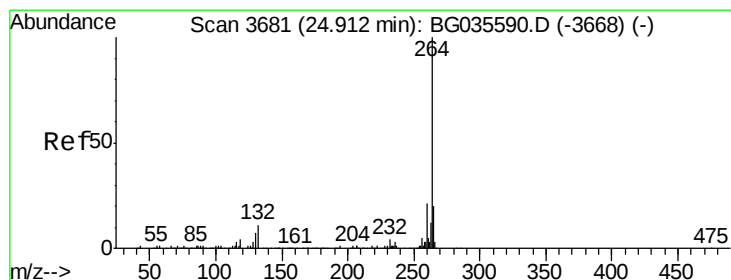
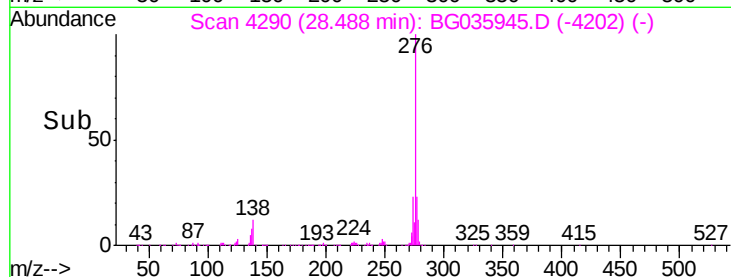
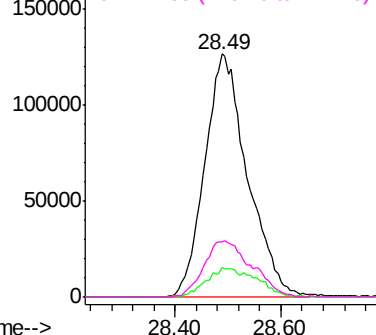
Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 710591 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 138      | 8.6   | 16.0  | 24.0#  |
| 277      | 26.1  | 20.0  | 30.0   |



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



#86

Perylene-d12

Concen: 20.000 ng

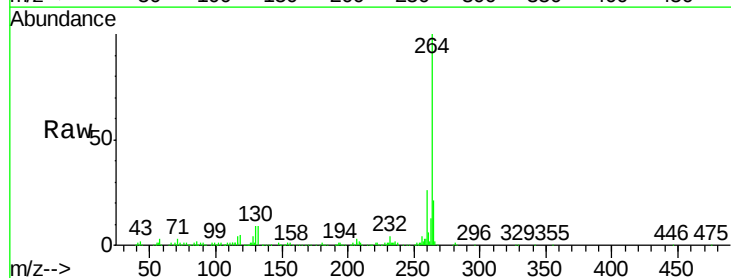
RT: 24.85 min Scan# 3671

Delta R.T. -0.01 min

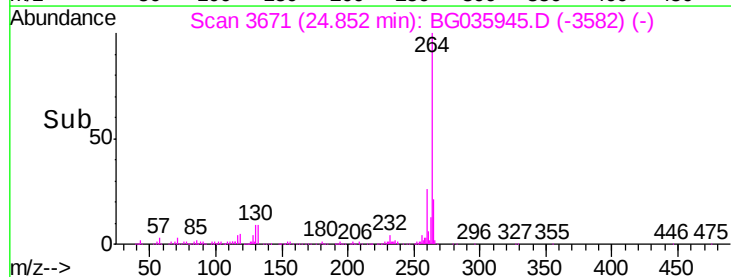
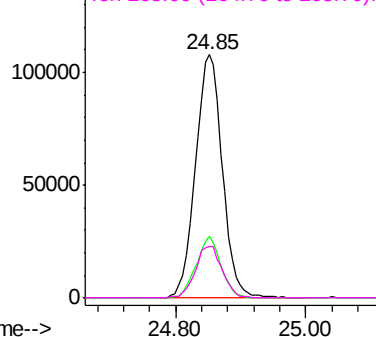
Lab File: BG035945.D

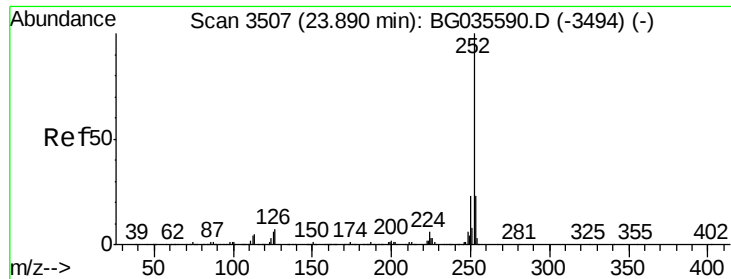
Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 307405 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 25.6  | 17.4  | 26.0   |
| 265      | 21.3  | 17.7  | 26.5   |



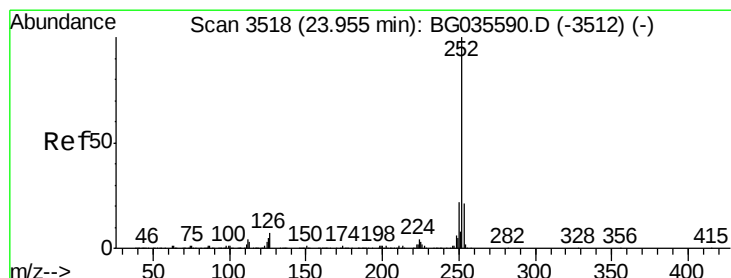
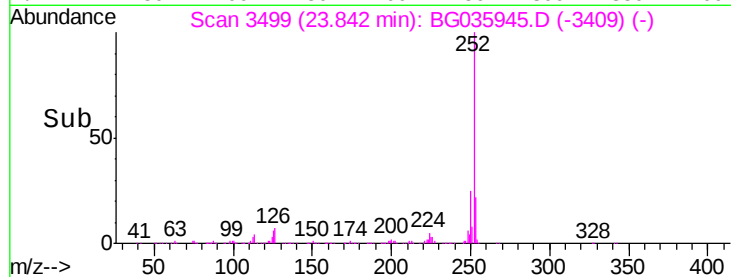
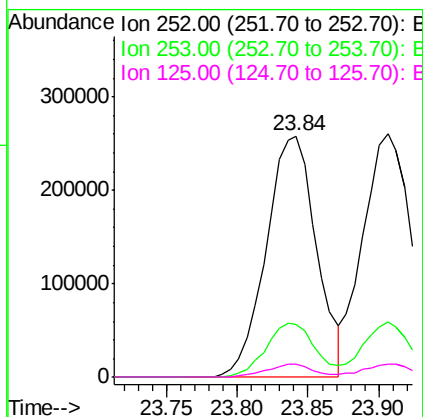
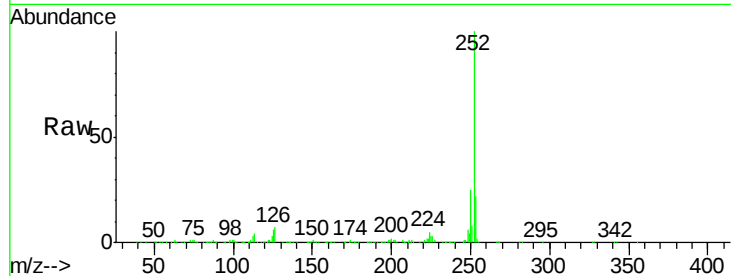
Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





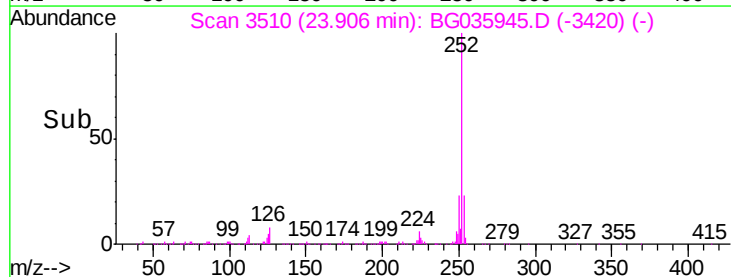
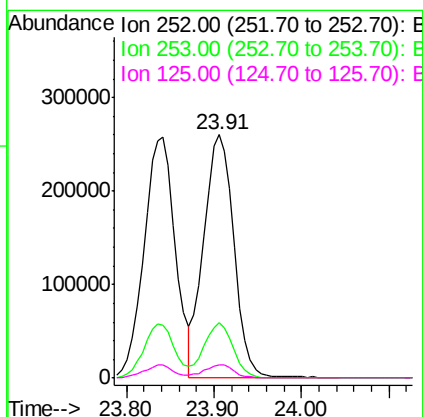
#87  
Benzo(b)fluoranthene  
Concen: 34.255 ng  
RT: 23.84 min Scan# 3499  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

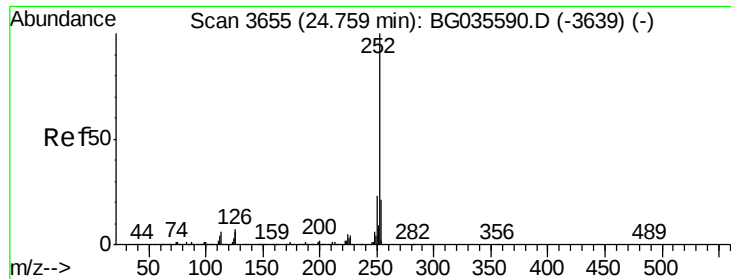
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 18.2  | 27.4  |
| 125     | 5.5   | 7.2   | 10.8  |



#88  
Benzo(k)fluoranthene  
Concen: 34.239 ng  
RT: 23.91 min Scan# 3510  
Delta R.T. -0.00 min  
Lab File: BG035945.D  
Acq: 27 Jul 2018 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.4  | 26.2  |
| 125     | 5.4   | 6.6   | 9.8   |





#89

Benzo(a)pyrene

Concen: 35.378 ng

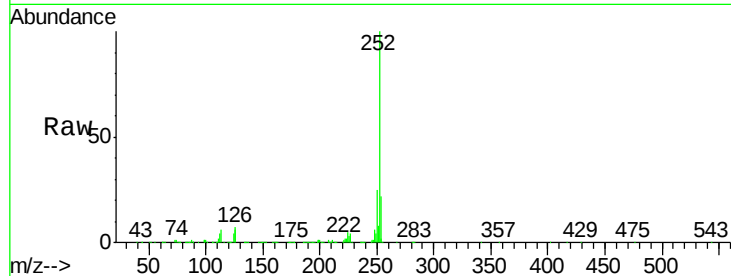
RT: 24.71 min Scan# 3646

Delta R.T. -0.00 min

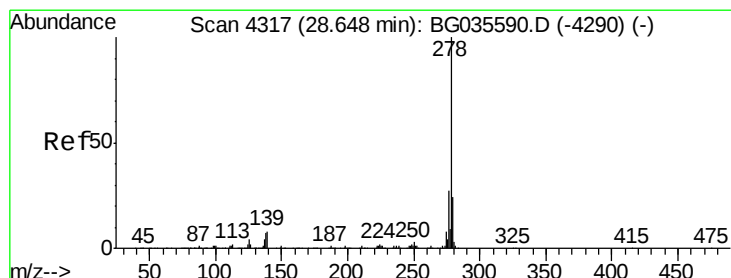
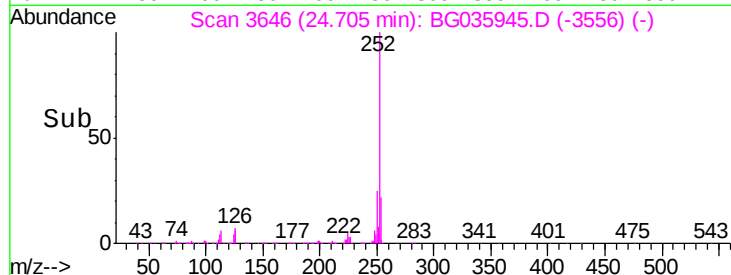
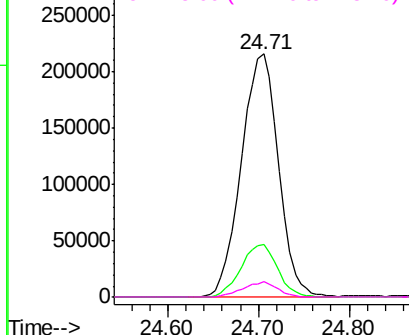
Lab File: BG035945.D

Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 614953 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 21.9  | 18.3  | 27.5   |
| 125      | 6.3   | 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: 34.688 ng

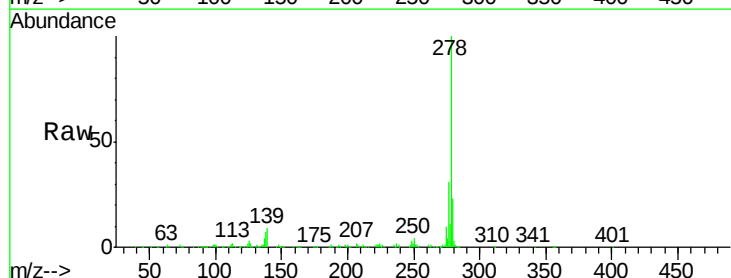
RT: 28.56 min Scan# 4302

Delta R.T. -0.01 min

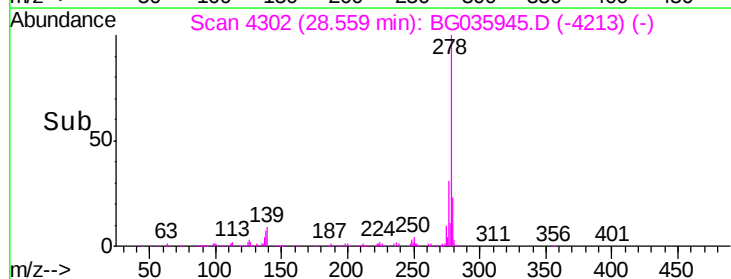
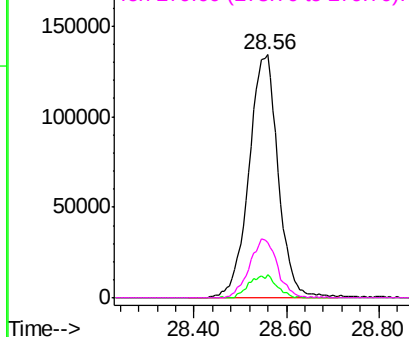
Lab File: BG035945.D

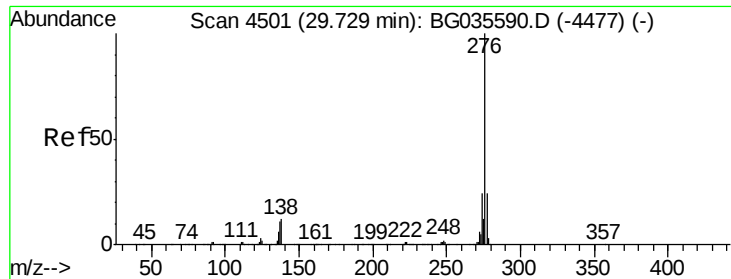
Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 278   | Resp: | 591950 |
| Ion      | Ratio | Lower | Upper  |
| 278      | 100   |       |        |
| 139      | 9.4   | 9.8   | 14.6#  |
| 279      | 22.9  | 18.4  | 27.6   |



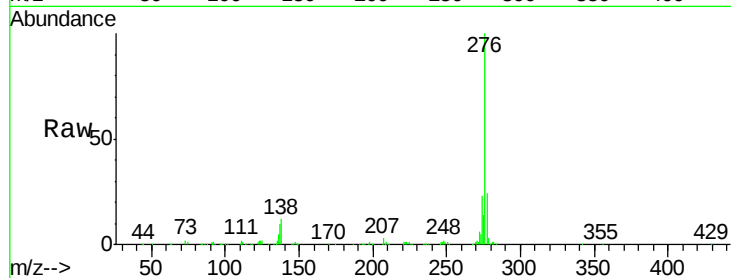
Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(g,h,i)perylene  
 Concen: 35.576 ng  
 RT: 29.63 min Scan# 4484  
 Delta R.T. -0.01 min  
 Lab File: BG035945.D  
 Acq: 27 Jul 2018 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 594070 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 23.5  | 18.3  | 27.5   |
| 138      | 11.9  | 13.9  | 20.9   |



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

