

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG072718\  
 Data File : BG035946.D  
 Acq On : 27 Jul 2018 20:39  
 Operator : JU/SJ  
 Sample : PB111523BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 27 23:16:51 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  | 36561    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 138063   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.65 | 164  | 103312   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.39 | 188  | 298968   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.66 | 240  | 324547   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.85 | 264  | 309240   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 320653  | 145.61 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 474329  | 144.37 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 307454  | 93.03  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.14 | 330 | 236992  | 174.04 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.27 | 172 | 749788  | 97.23  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.00 | 244 | 1438641 | 97.71  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |         |    | Qvalue |
|--------------------------------|-------|-----|--------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 28866  | 25.754  | ng | # 74   |
| 3) Pyridine                    | 3.91  | 79  | 89111  | 30.455  | ng | # 74   |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 39916  | 31.771  | ng | # 73   |
| 6) Aniline                     | 7.35  | 93  | 107489 | 25.240  | ng | 99     |
| 8) 2-Chlorophenol              | 7.59  | 128 | 105177 | 46.960  | ng | 95     |
| 9) Benzaldehyde                | 7.17  | 77  | 70626  | 35.033  | ng | 97     |
| 10) Phenol                     | 7.22  | 94  | 155692 | 46.903  | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 101602 | 39.084  | ng | 87     |
| 12) 1,3-Dichlorobenzene        | 7.91  | 146 | 108023 | 39.939  | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 112160 | 40.814  | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 107746 | 40.813  | ng | 97     |
| 15) Benzyl Alcohol             | 8.26  | 79  | 123500 | 41.392  | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 116548 | 53.476  | ng | 80     |
| 17) 2-Methylphenol             | 8.47  | 107 | 105659 | 46.816  | ng | # 91   |
| 18) Hexachloroethane           | 9.10  | 117 | 42524  | 40.471  | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 99183  | 35.848  | ng | # 84   |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 143260 | 45.757  | ng | 95     |
| 22) Acetophenone               | 8.85  | 105 | 183594 | 42.762  | ng | # 91   |
| 24) Nitrobenzene               | 9.23  | 77  | 148731 | 44.748  | ng | # 93   |
| 25) Isophorone                 | 9.75  | 82  | 286335 | 46.672  | ng | 99     |
| 26) 2-Nitrophenol              | 9.94  | 139 | 61332  | 51.957  | ng | # 86   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 112826 | 56.465  | ng | 89     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 153900 | 45.525  | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 125190 | 54.886  | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 130309 | 46.590  | ng | 98     |
| 31) Naphthalene                | 10.88 | 128 | 330348 | 45.934  | ng | 98     |
| 32) Benzoic acid               | 10.17 | 122 | 44660  | 33.201  | ng | 93     |
| 33) 4-Chloroaniline            | 11.00 | 127 | 36320  | 11.587  | ng | 96     |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 100650 | 46.149  | ng | 99     |
| 35) Caprolactam                | 11.77 | 113 | 25106  | 25.649  | ng | # 75   |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 157189 | 51.413  | ng | 93     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 263605 | 49.198  | ng | 94     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 180845 | 46.378  | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.82 | 237 | 229853 | 112.398 | ng | 91     |

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 Sample : PB111523BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

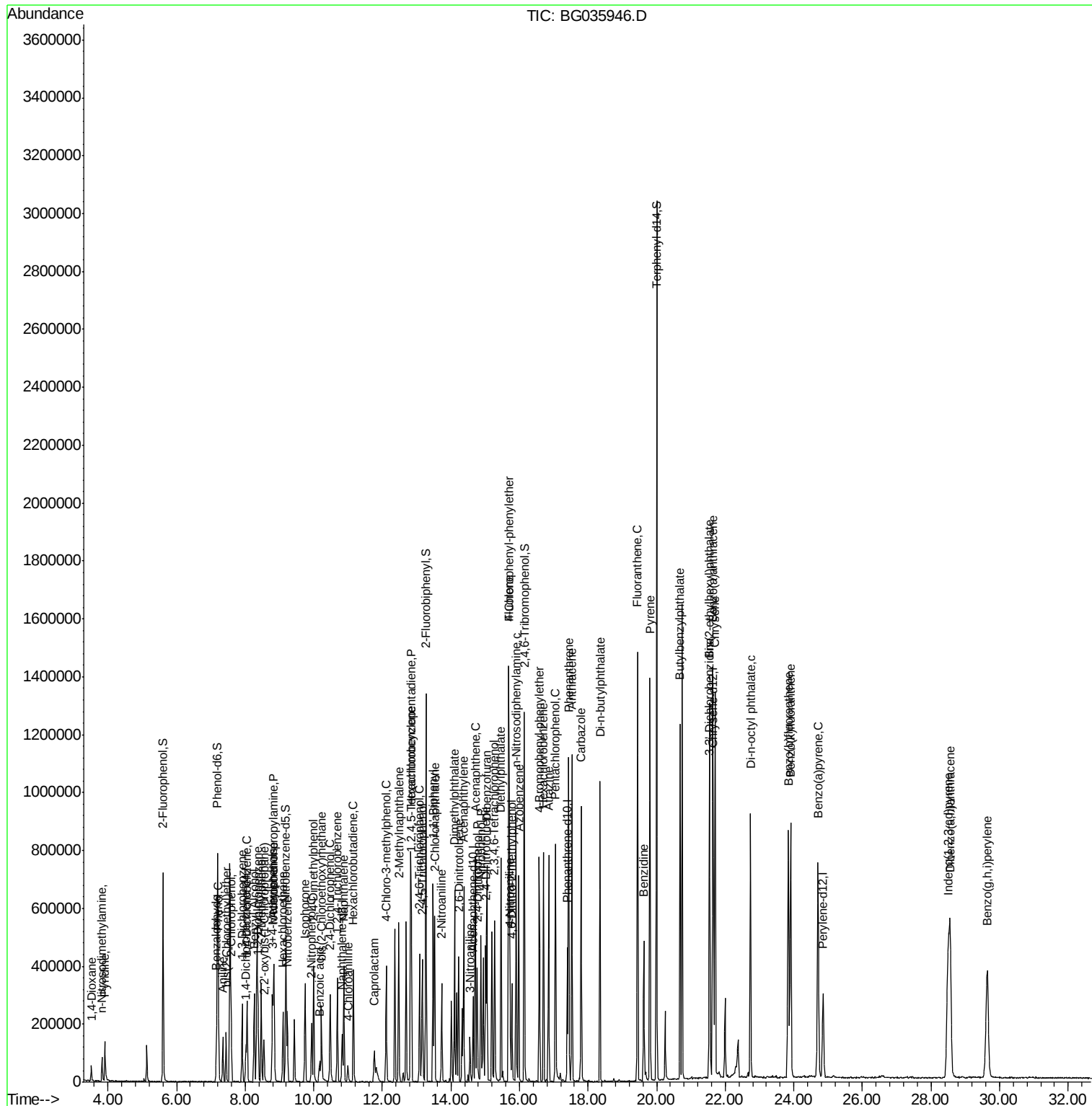
Quant Time: Jul 27 23:16:51 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 25 11:04:14 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| -----                          |       |      |          |         |       |          |
| 42) 2,4,6-Trichlorophenol      | 13.09 | 196  | 116962   | 51.291  | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.16 | 196  | 134654   | 52.784  | ng    | 97       |
| 45) 1,1'-Biphenyl              | 13.48 | 154  | 368066   | 45.952  | ng    | 96       |
| 46) 2-Chloronaphthalene        | 13.53 | 162  | 294264   | 47.231  | ng    | 99       |
| 47) 2-Nitroaniline             | 13.73 | 65   | 103570   | 47.021  | ng    | 97       |
| 48) Acenaphthylene             | 14.37 | 152  | 506620   | 48.543  | ng    | 97       |
| 49) Dimethylphthalate          | 14.10 | 163  | 427041   | 47.178  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.22 | 165  | 98102    | 53.222  | ng    | 95       |
| 51) Acenaphthene               | 14.71 | 154  | 289064   | 44.463  | ng    | 99       |
| 52) 3-Nitroaniline             | 14.56 | 138  | 42312    | 22.459  | ng    | # 92     |
| 53) 2,4-Dinitrophenol          | 14.77 | 184  | 97149    | 100.641 | ng    | # 66     |
| 54) Dibenzofuran               | 15.05 | 168  | 493978   | 47.776  | ng    | 95       |
| 55) 4-Nitrophenol              | 14.88 | 139  | 139238   | 103.780 | ng    | # 86     |
| 56) 2,4-Dinitrotoluene         | 15.01 | 165  | 142842   | 54.017  | ng    | # 89     |
| 57) Fluorene                   | 15.70 | 166  | 424373   | 48.970  | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 136846   | 55.949  | ng    | 92       |
| 59) Diethylphthalate           | 15.46 | 149  | 429352   | 46.130  | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.68 | 204  | 243735   | 47.853  | ng    | 96       |
| 61) 4-Nitroaniline             | 15.73 | 138  | 95291    | 48.354  | ng    | # 84     |
| 62) Azobenzene                 | 15.98 | 77   | 432676   | 47.129  | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 84783    | 50.944  | ng    | 86       |
| 65) n-Nitrosodiphenylamine     | 15.90 | 169  | 384591   | 45.194  | ng    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.58 | 248  | 165588   | 47.740  | ng    | 94       |
| 67) Hexachlorobenzene          | 16.70 | 284  | 174958   | 48.981  | ng    | 95       |
| 68) Atrazine                   | 16.85 | 200  | 175135   | 49.986  | ng    | 97       |
| 69) Pentachlorophenol          | 17.05 | 266  | 161957   | 74.441  | ng    | 98       |
| 70) Phenanthrene               | 17.43 | 178  | 696728   | 46.704  | ng    | 98       |
| 71) Anthracene                 | 17.53 | 178  | 712003   | 47.933  | ng    | 99       |
| 72) Carbazole                  | 17.80 | 167  | 652232   | 46.235  | ng    | 100      |
| 73) Di-n-butylphthalate        | 18.35 | 149  | 753661   | 45.210  | ng    | # 98     |
| 74) Fluoranthene               | 19.44 | 202  | 940406   | 46.800  | ng    | 96       |
| 76) Benzidine                  | 19.63 | 184  | 322563   | 37.804  | ng    | 98       |
| 77) Pyrene                     | 19.80 | 202  | 929683   | 45.303  | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.68 | 149  | 348032   | 47.425  | ng    | 98       |
| 80) Benzo(a)anthracene         | 21.64 | 228  | 931181   | 46.041  | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.55 | 252  | 201362   | 28.554  | ng    | 99       |
| 82) Chrysene                   | 21.71 | 228  | 874769   | 46.675  | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 475223   | 47.633  | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.74 | 149  | 814917   | 48.783  | ng    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.50 | 276  | 1015400  | 48.935  | ng    | # 94     |
| 87) Benzo(b)fluoranthene       | 23.84 | 252  | 895606   | 47.650  | ng    | # 97     |
| 88) Benzo(k)fluoranthene       | 23.91 | 252  | 874682   | 47.601  | ng    | # 97     |
| 89) Benzo(a)pyrene             | 24.71 | 252  | 874588   | 50.017  | ng    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 28.55 | 278  | 844197   | 49.176  | ng    | # 94     |
| 91) Benzo(g,h,i)perylene       | 29.64 | 276  | 842853   | 50.175  | ng    | # 94     |
| -----                          |       |      |          |         |       |          |

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

```
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Operator  : JU/SJ
Sample    : PB111523BS
Misc      :
ALS Vial  : 18      Sample Multiplier: 1
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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

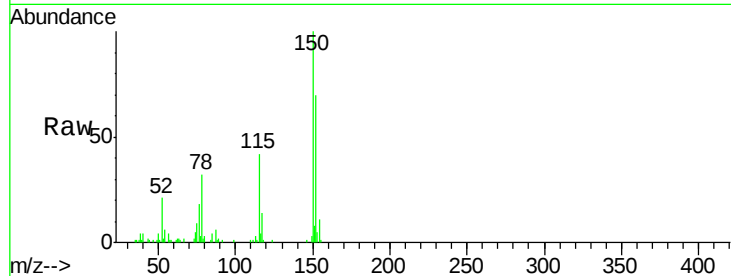




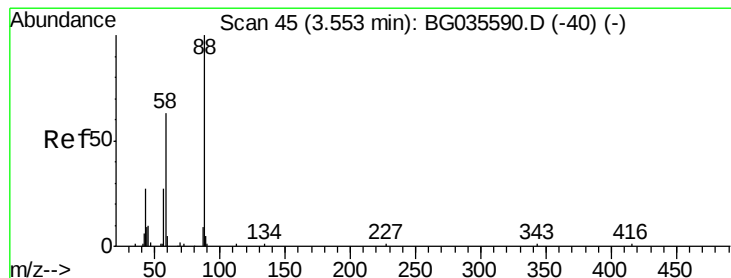
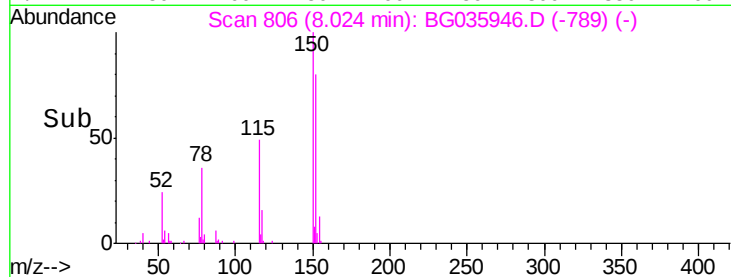
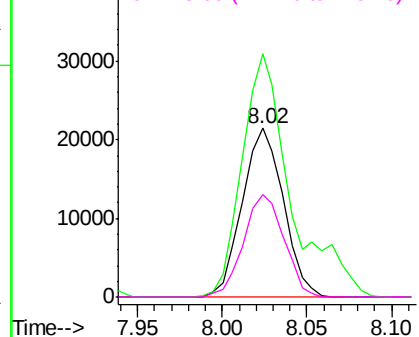
#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 806  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 143.8 | 126.6 | 189.8 |
| 115     | 60.9  | 53.0  | 79.4  |



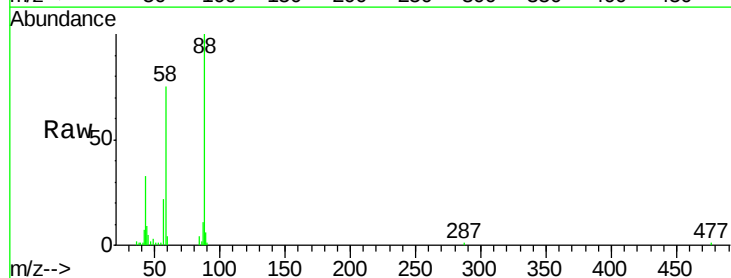
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



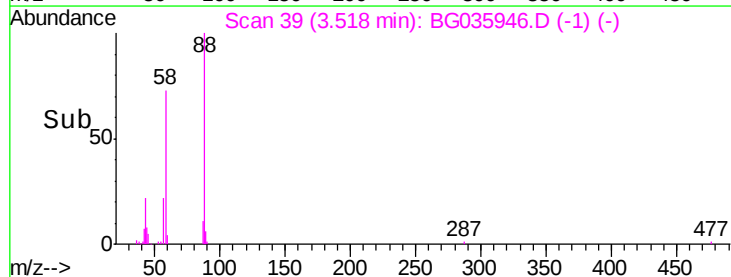
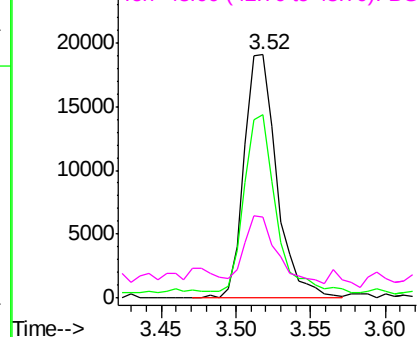
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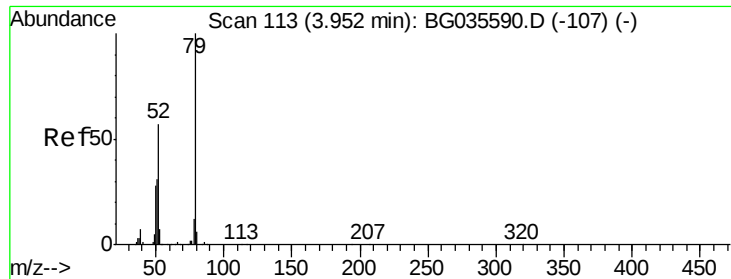
1,4-Dioxane  
Concen: 25.754 ng  
RT: 3.52 min Scan# 39  
Delta R.T. -0.01 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 69.7  | 79.6  | 119.4# |
| 43      | 26.3  | 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: 30.455 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

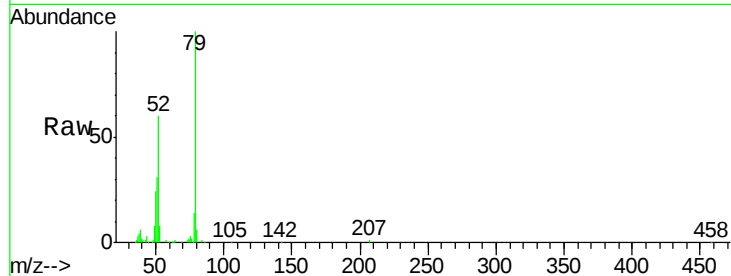
Tgt Ion: 79 Resp: 89111

Ion Ratio Lower Upper

79 100

52 59.8 69.9 104.9#

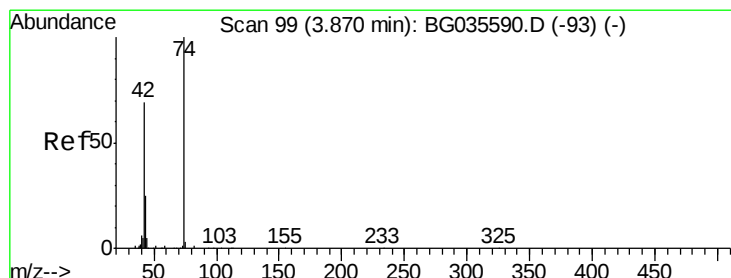
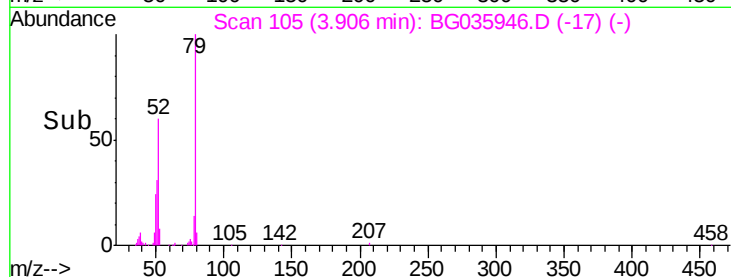
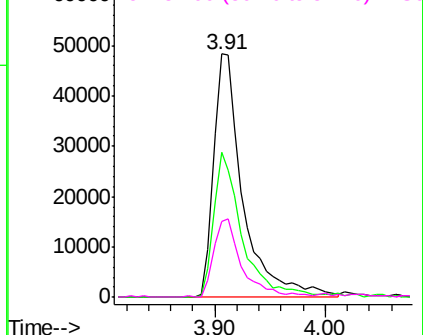
51 31.4 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 31.771 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

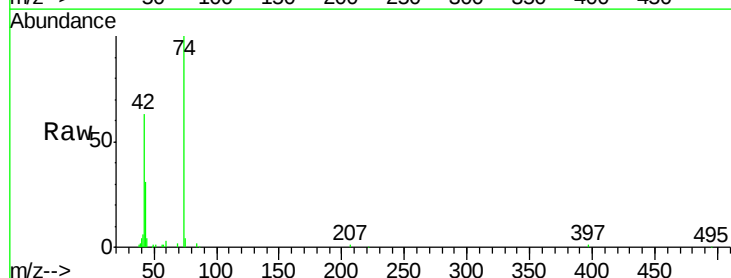
Tgt Ion: 42 Resp: 39916

Ion Ratio Lower Upper

42 100

74 157.8 102.5 153.7#

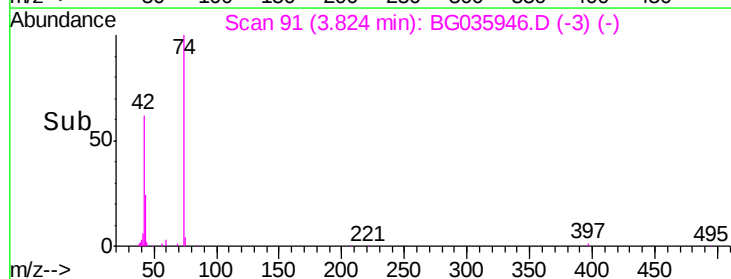
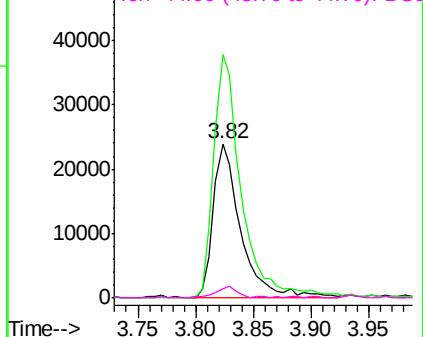
44 5.8 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 145.609 ng

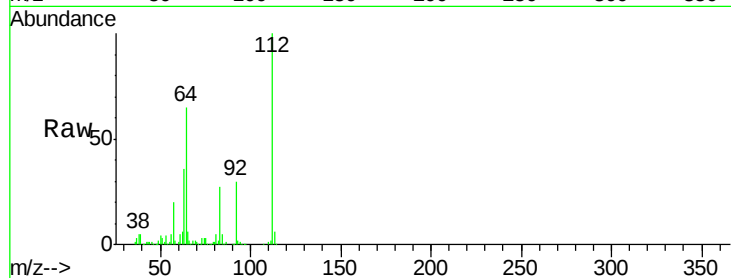
RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

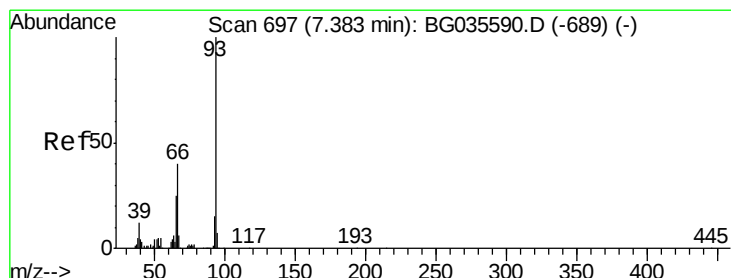
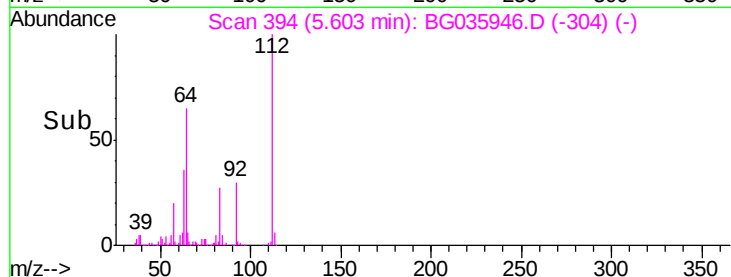
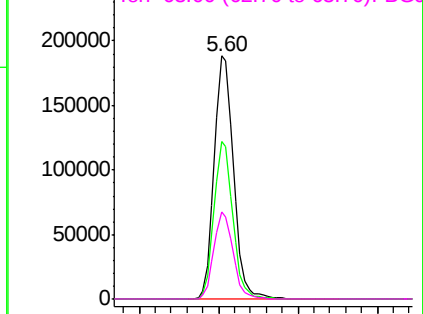
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 320653 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 65.1  | 56.3  | 84.5   |
| 63       | 35.9  | 30.1  | 45.1   |



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: 25.240 ng

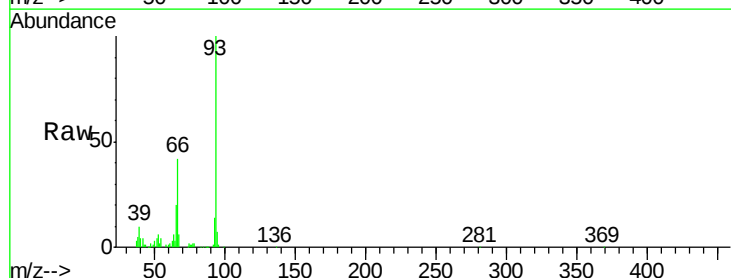
RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

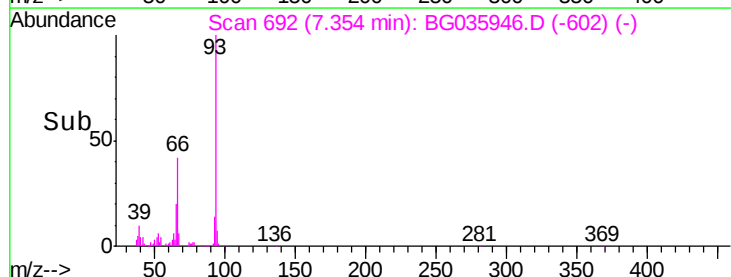
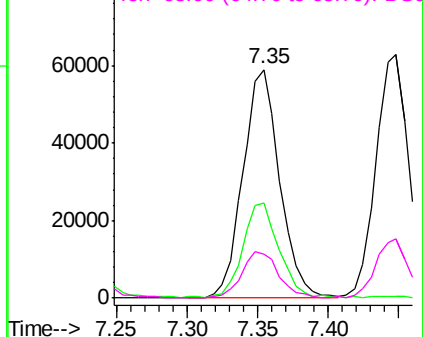
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 107489 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 41.8  | 33.7  | 50.5   |
| 65       | 19.5  | 16.1  | 24.1   |

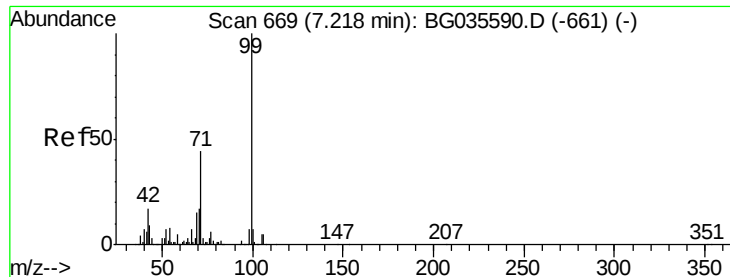


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.366 ng

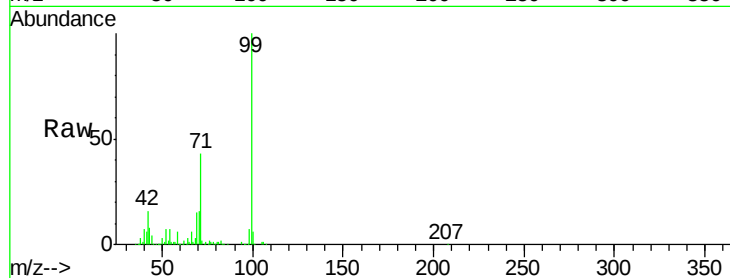
RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

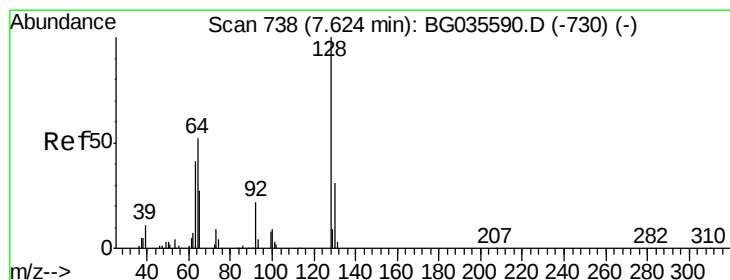
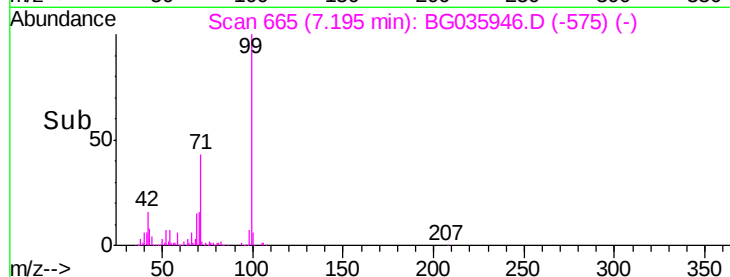
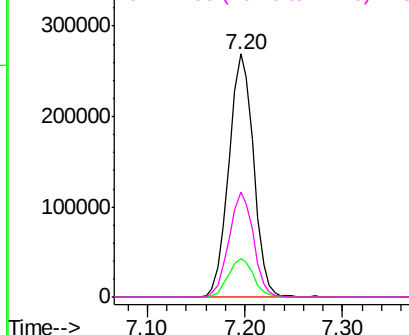
Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 474329 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 15.8  | 14.1  | 21.1   |
| 71       | 43.2  | 26.1  | 39.1#  |



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



#8

2-Chlorophenol

Concen: 46.960 ng

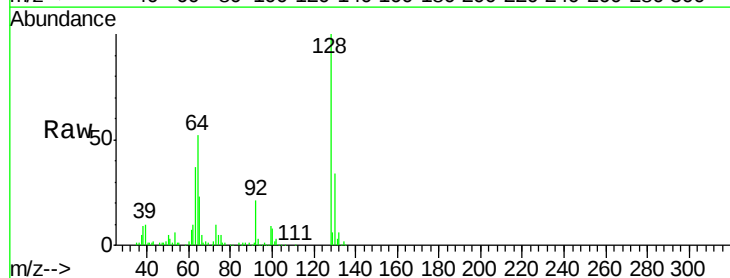
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Delta R.T. -0.00 min

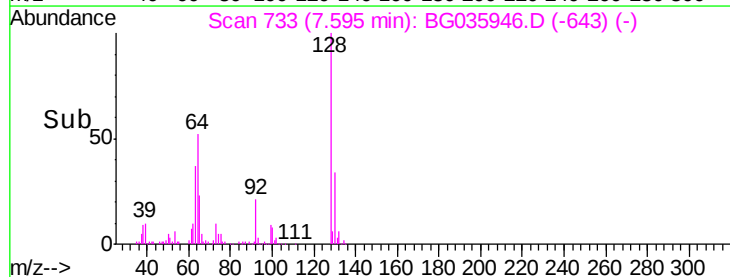
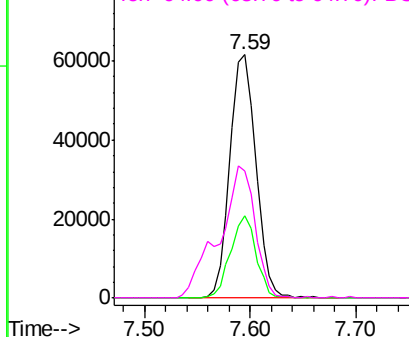
Lab File: BG035946.D

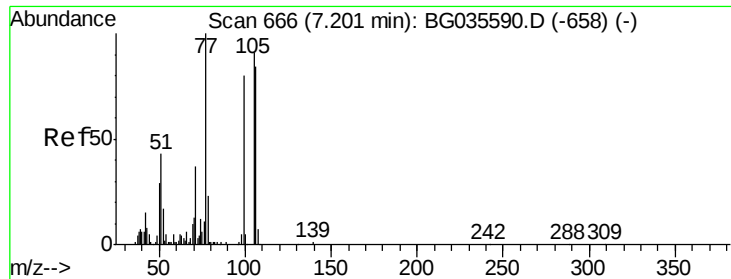
Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 105177 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 33.7  | 14.0  | 54.0   |
| 64       | 52.3  | 37.7  | 77.7   |



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





#9

Benzaldehyde

Concen: 35.033 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

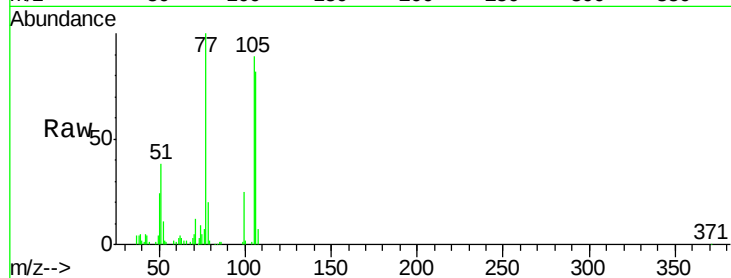
Tgt Ion: 77 Resp: 70626

Ion Ratio Lower Upper

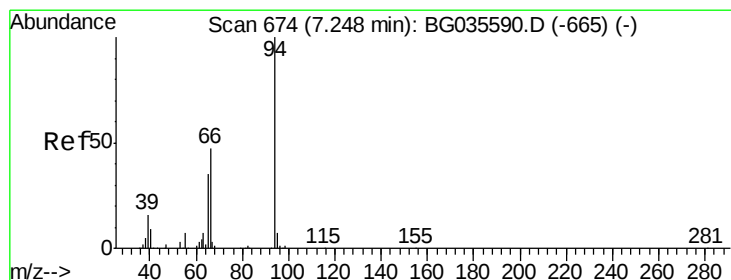
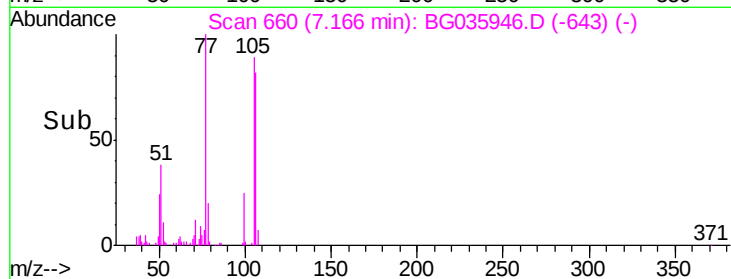
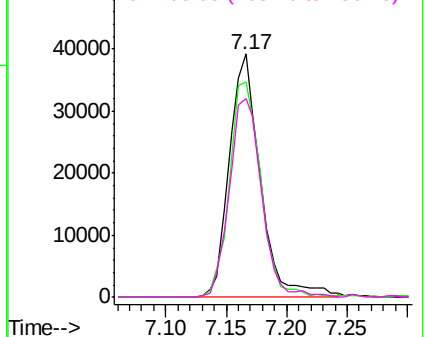
77 100

105 88.5 71.3 111.3

106 81.6 64.2 104.2



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



#10

Phenol

Concen: 46.903 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

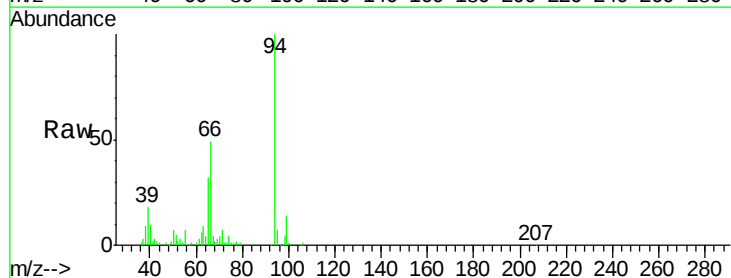
Tgt Ion: 94 Resp: 155692

Ion Ratio Lower Upper

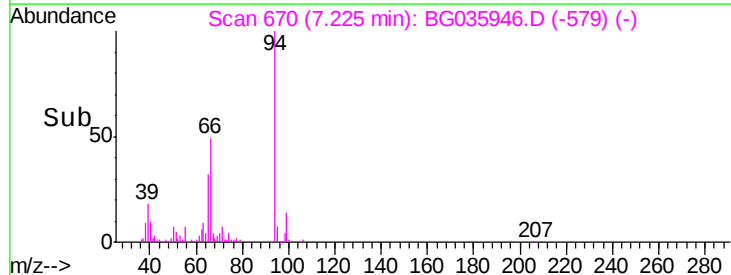
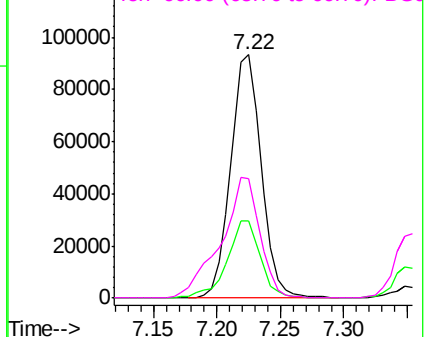
94 100

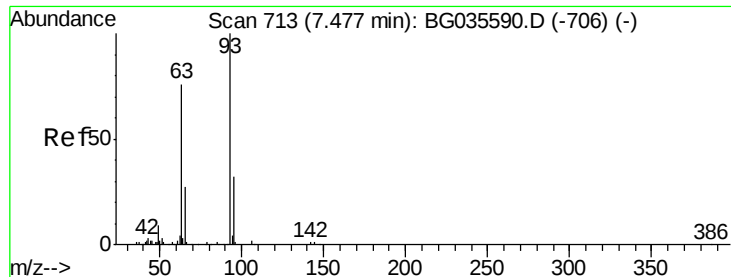
65 31.8 11.9 51.9

66 48.9 22.2 62.2



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





#11

bis(2-Chloroethyl)ether

Concen: 39.084 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

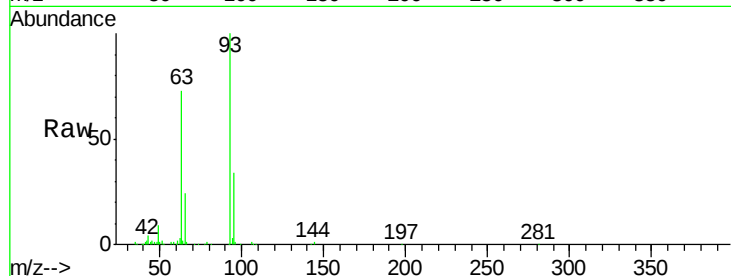
Tgt Ion: 93 Resp: 101602

Ion Ratio Lower Upper

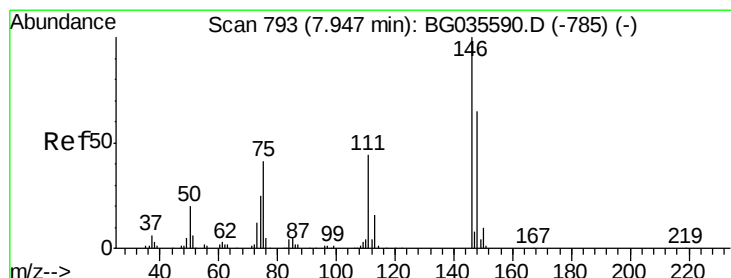
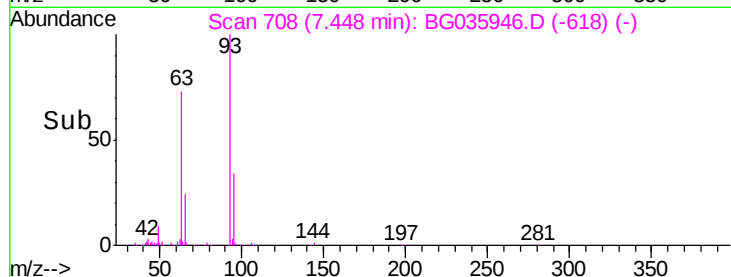
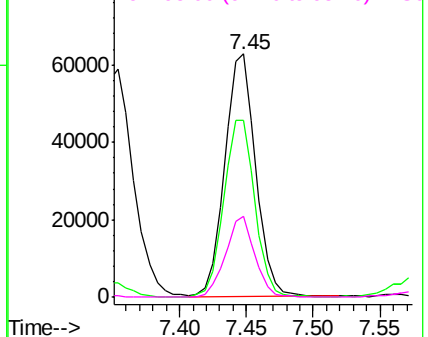
93 100

63 72.6 67.1 107.1

95 33.5 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 39.939 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

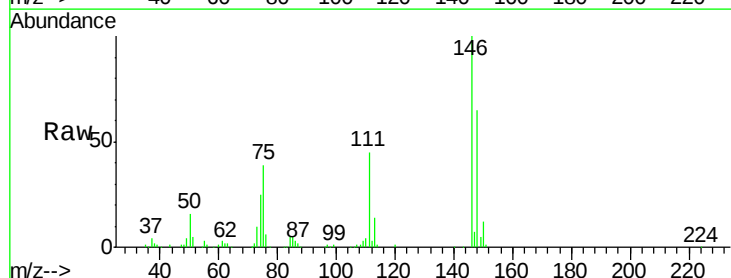
Tgt Ion: 146 Resp: 108023

Ion Ratio Lower Upper

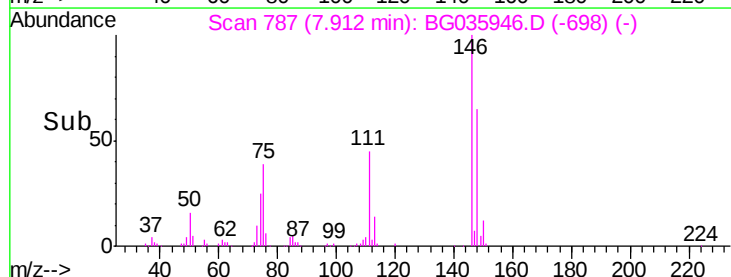
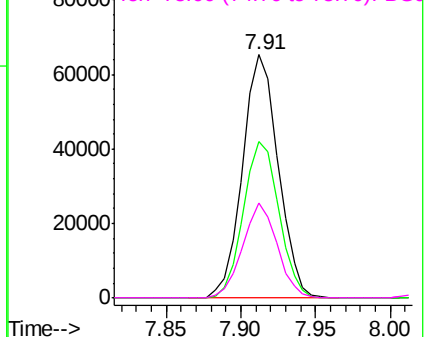
146 100

148 64.6 51.4 77.2

75 39.0 26.6 39.8



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





#13

1,4-Dichlorobenzene

Concen: 40.814 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

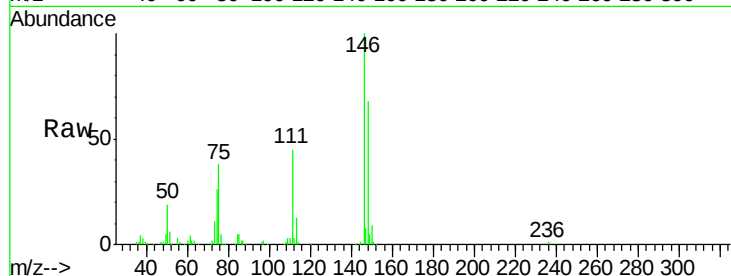
Tgt Ion:146 Resp: 112160

Ion Ratio Lower Upper

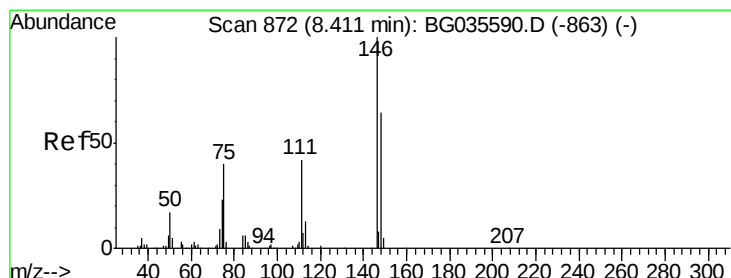
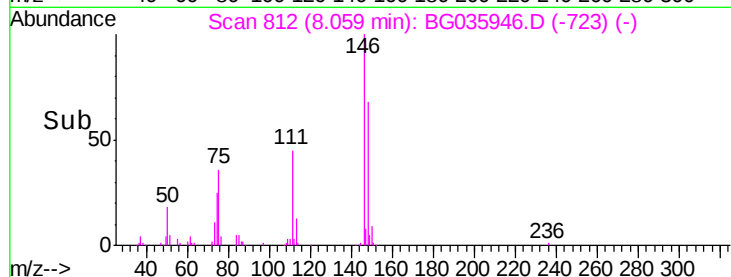
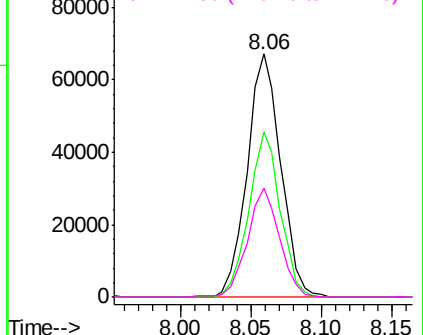
146 100

148 68.2 53.7 80.5

111 45.0 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: 40.813 ng

RT: 8.38 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

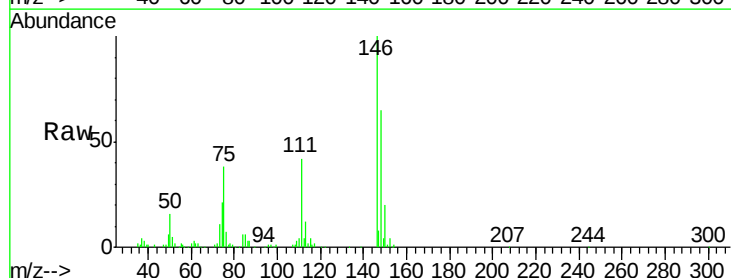
Tgt Ion:146 Resp: 107746

Ion Ratio Lower Upper

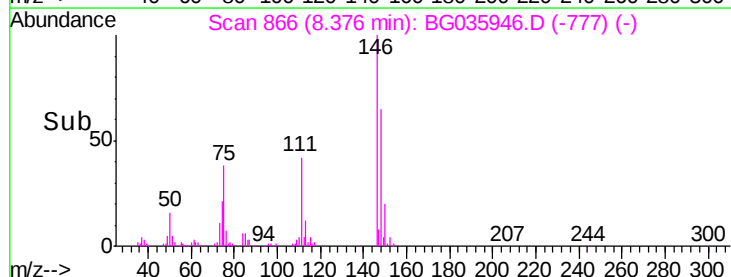
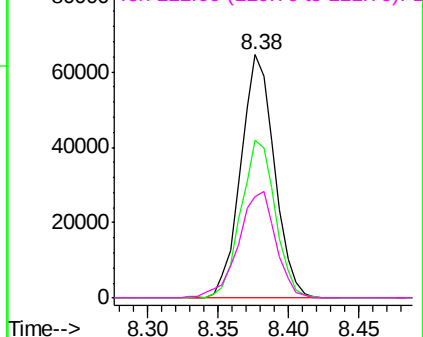
146 100

148 64.8 49.3 73.9

111 41.7 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: 41.392 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

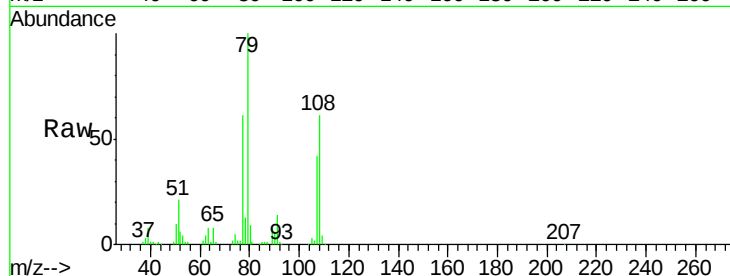
Tgt Ion: 79 Resp: 123500

Ion Ratio Lower Upper

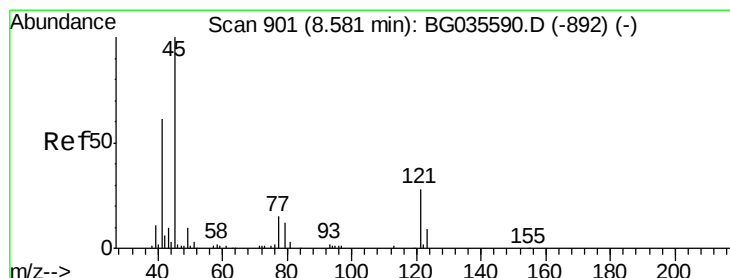
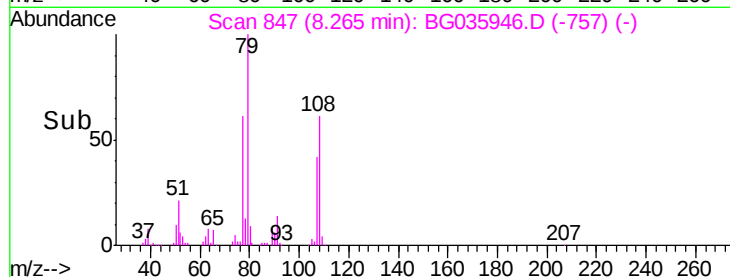
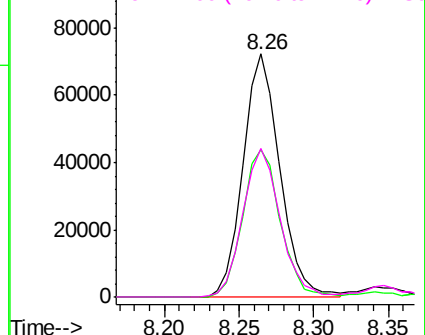
79 100

108 60.9 57.2 85.8

77 61.0 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: 53.476 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

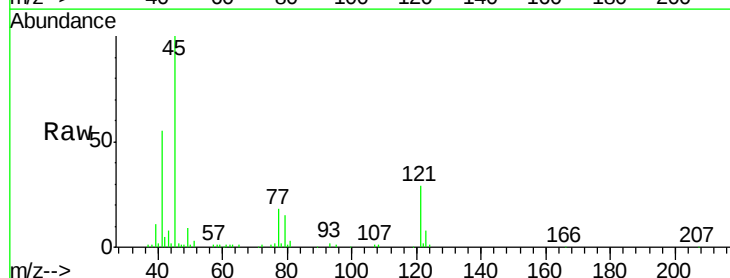
Tgt Ion: 45 Resp: 116548

Ion Ratio Lower Upper

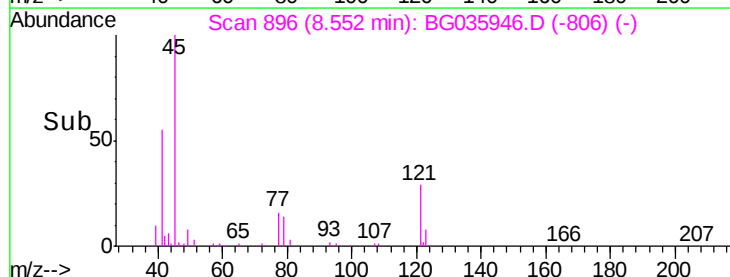
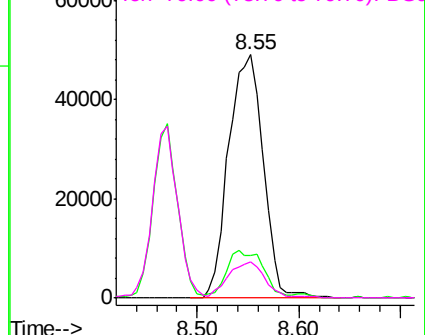
45 100

77 17.5 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: 46.816 ng

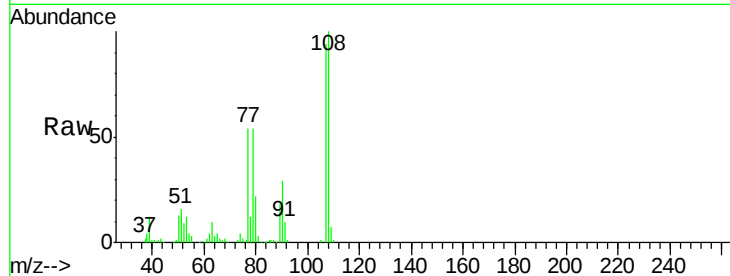
RT: 8.47 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 105659 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 106.1 | 83.9  | 125.9  |
| 77       | 57.5  | 37.2  | 55.8#  |
| 79       | 56.8  | 36.2  | 54.2#  |

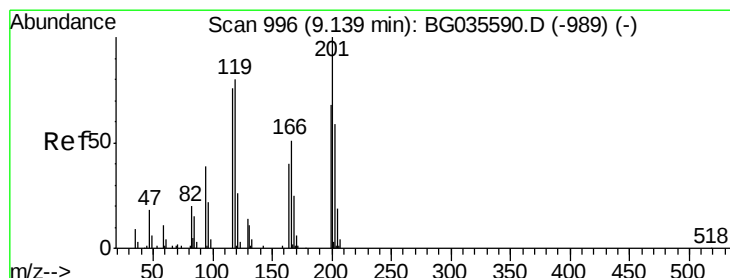
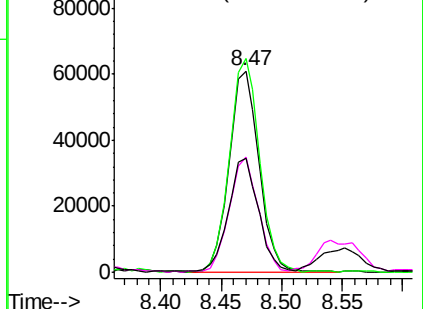
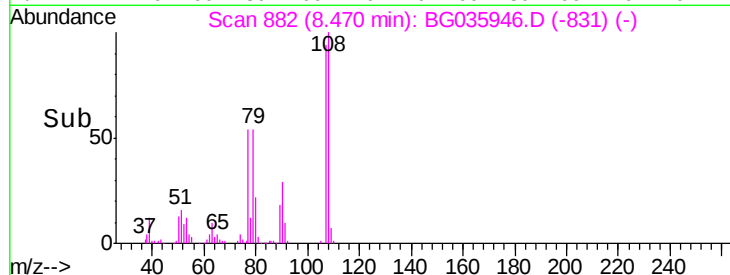


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.471 ng

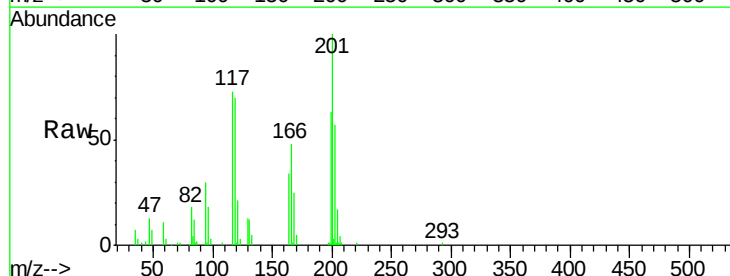
RT: 9.10 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

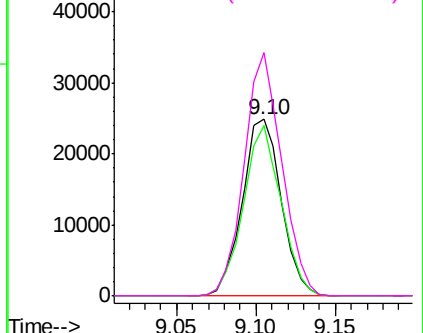
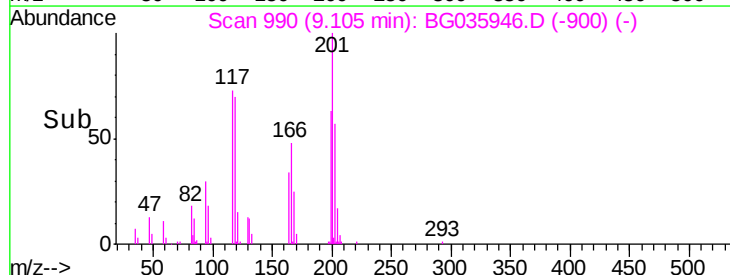
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 42524 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.4  | 76.7  | 115.1 |
| 201      | 137.8 | 95.7  | 143.5 |

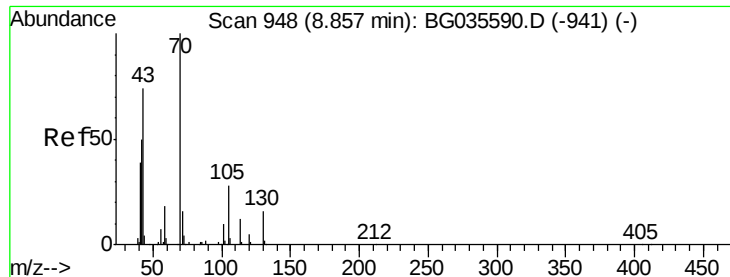


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

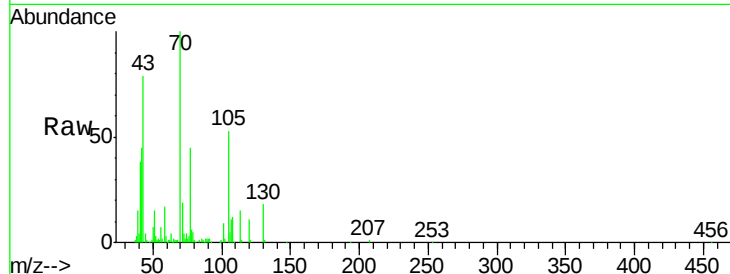
Ion 201.00 (200.70 to 201.70): E



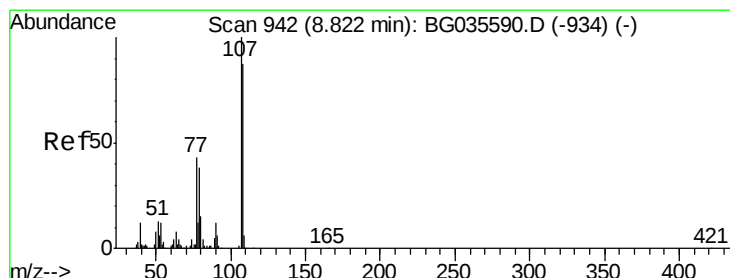
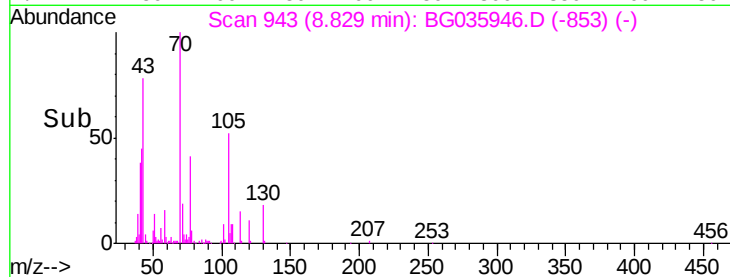
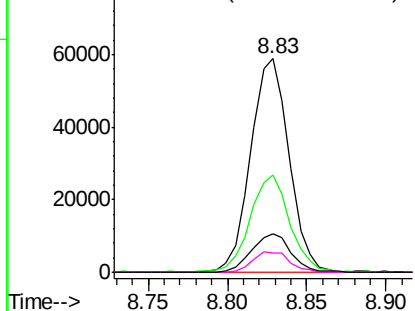


#19  
n-Nitroso-di-n-propylamine  
Concen: 35.848 ng  
RT: 8.83 min Scan# 943  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

Tgt Ion: 70 Resp: 99183  
Ion Ratio Lower Upper  
70 100  
42 45.4 49.1 73.7#  
101 9.0 8.5 12.7  
130 18.1 13.4 20.0

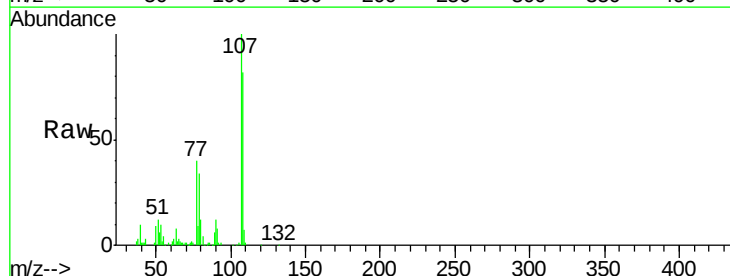


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

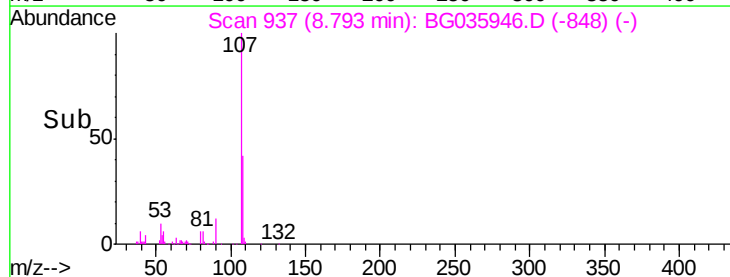
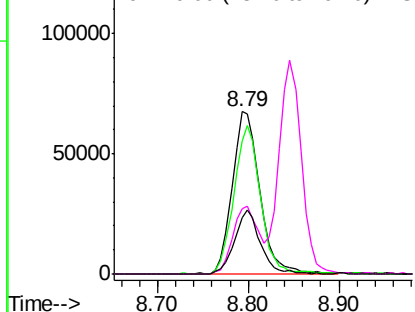


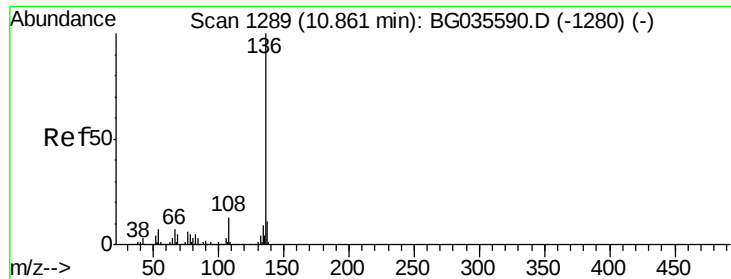
#20  
3+4-Methylphenols  
Concen: 45.757 ng  
RT: 8.79 min Scan# 937  
Delta R.T. -0.01 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

Tgt Ion: 107 Resp: 143260  
Ion Ratio Lower Upper  
107 100  
108 81.6 61.6 101.6  
77 39.8 13.9 53.9  
79 34.4 8.8 48.8



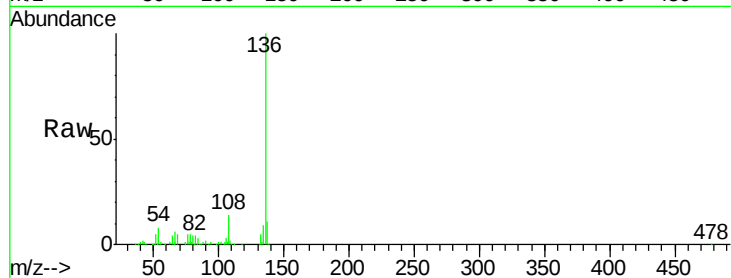
Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC



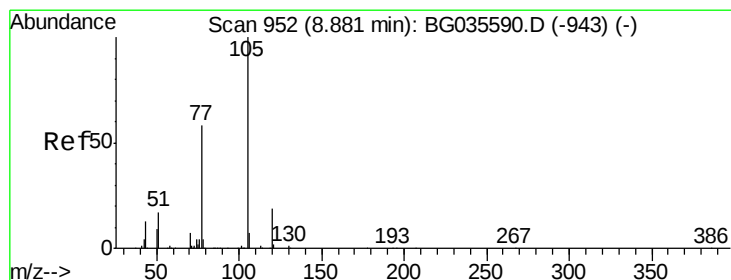
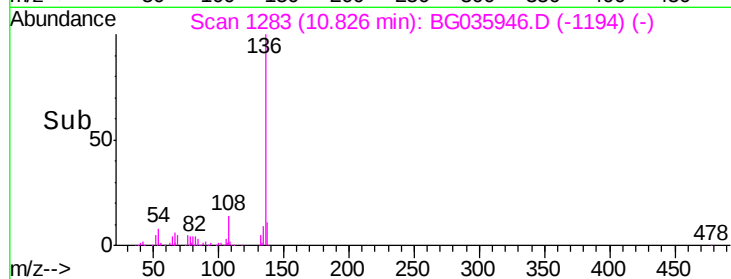
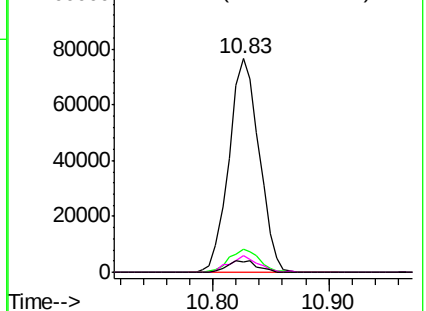


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 138063 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 9.2   | 13.8   |
| 54       | 7.8   | 10.3  | 15.5#  |
| 68       | 5.0   | 4.5   | 6.7    |

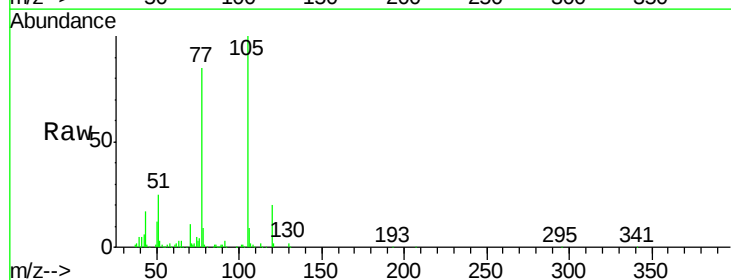


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

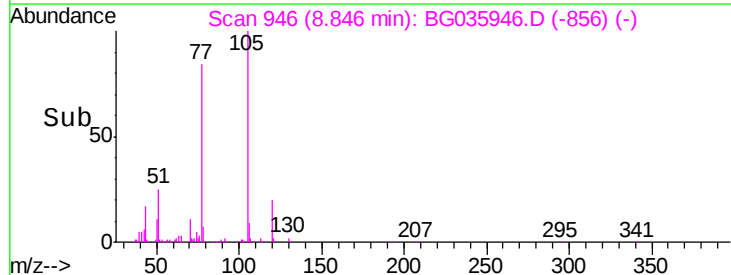
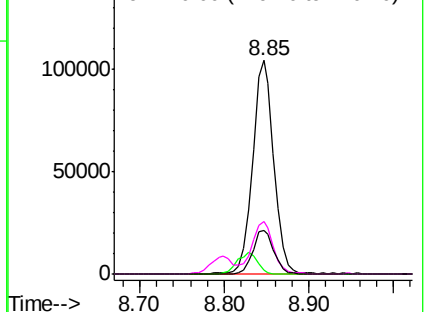


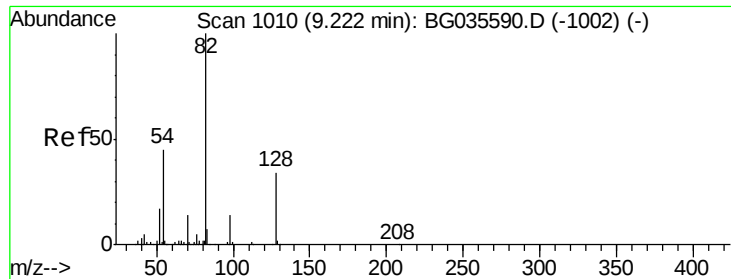
#22  
Acetophenone  
Concen: 42.762 ng  
RT: 8.85 min Scan# 946  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 183594 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.9   | 3.0   | 4.4#   |
| 51       | 24.9  | 26.1  | 39.1#  |
| 120      | 20.3  | 17.4  | 26.2   |



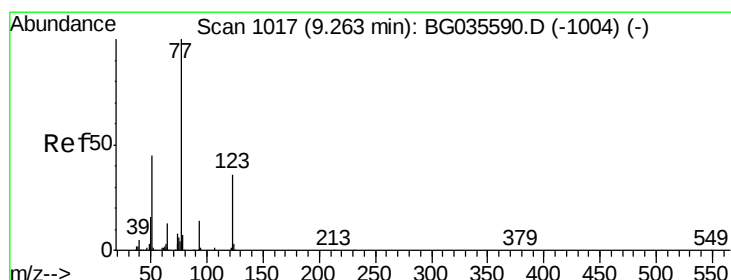
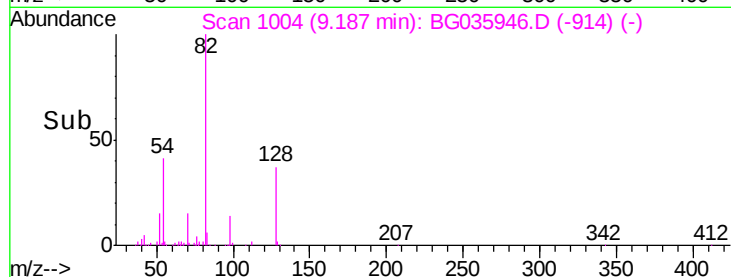
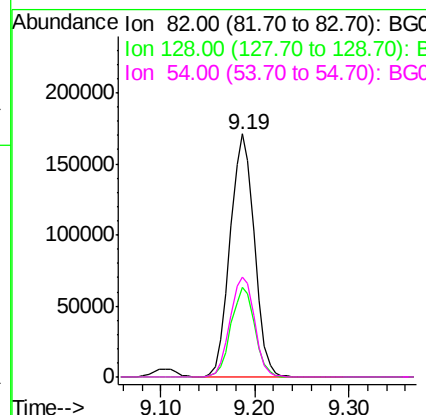
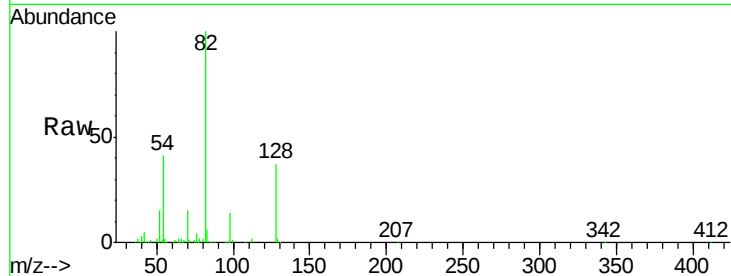
Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E





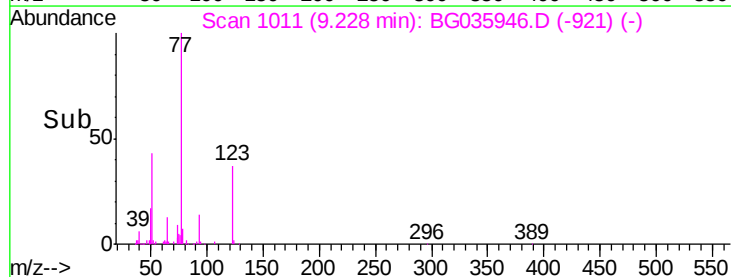
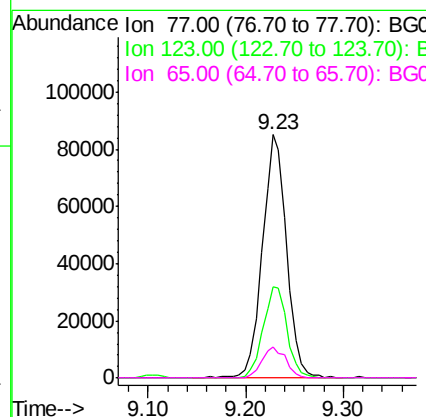
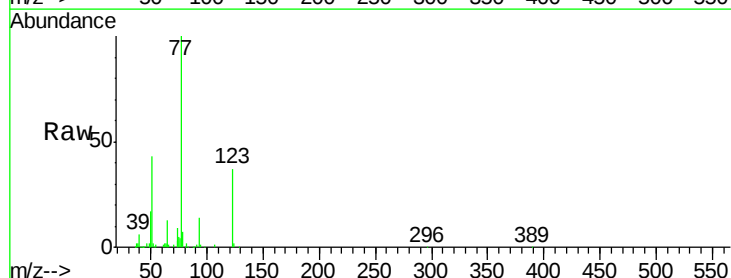
#23  
 Nitrobenzene-d5  
 Concen: 93.029 ng  
 RT: 9.19 min Scan# 1004  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

Tgt Ion: 82 Resp: 307454  
 Ion Ratio Lower Upper  
 82 100  
 128 36.8 29.7 44.5  
 54 41.1 43.1 64.7#



#24  
 Nitrobenzene  
 Concen: 44.748 ng  
 RT: 9.23 min Scan# 1011  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

Tgt Ion: 77 Resp: 148731  
 Ion Ratio Lower Upper  
 77 100  
 123 37.3 33.0 49.6  
 65 12.9 13.0 19.6#





#25

Isophorone

Concen: 46.672 ng

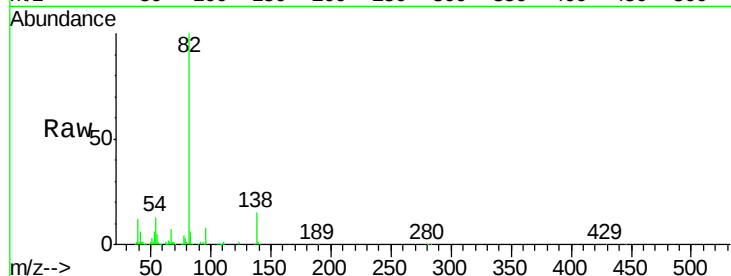
RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

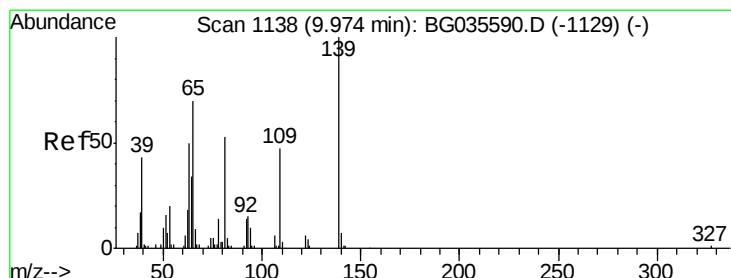
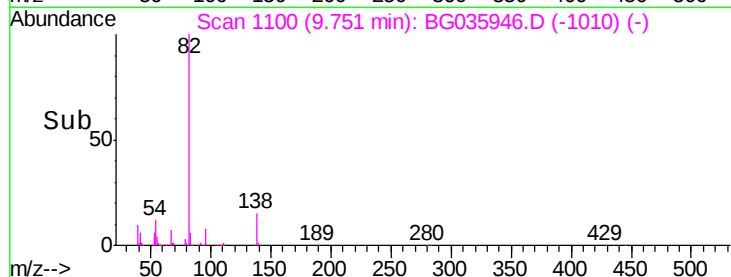
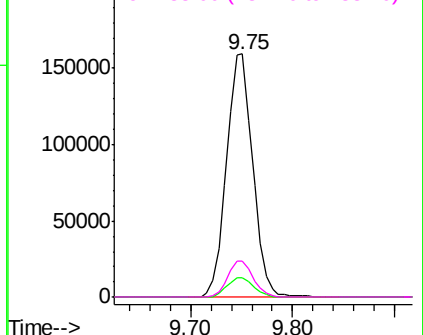
Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 286335 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 95       | 8.3   | 6.2   | 9.2    |
| 138      | 14.8  | 12.1  | 18.1   |



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



#26

2-Nitrophenol

Concen: 51.957 ng

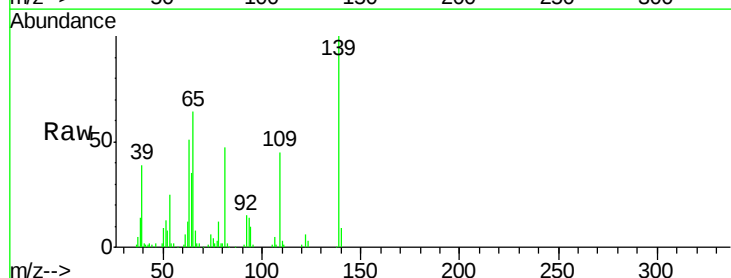
RT: 9.94 min Scan# 1132

Delta R.T. -0.01 min

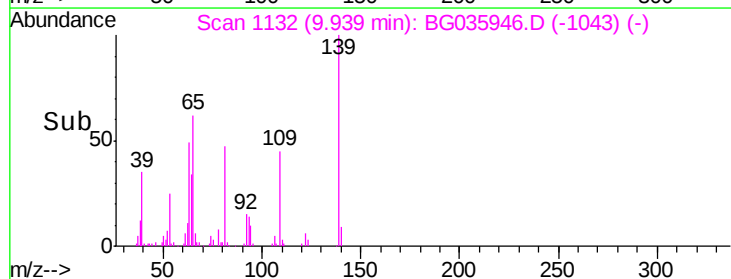
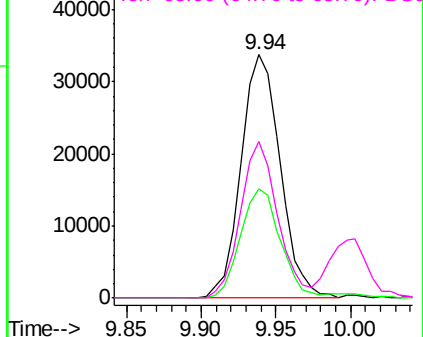
Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 139   | Resp: | 61332 |
| Ion      | Ratio | Lower | Upper |
| 139      | 100   |       |       |
| 109      | 44.7  | 24.2  | 36.2# |
| 65       | 64.3  | 47.4  | 71.0  |



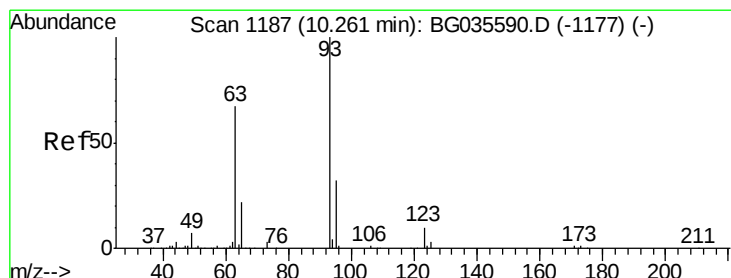
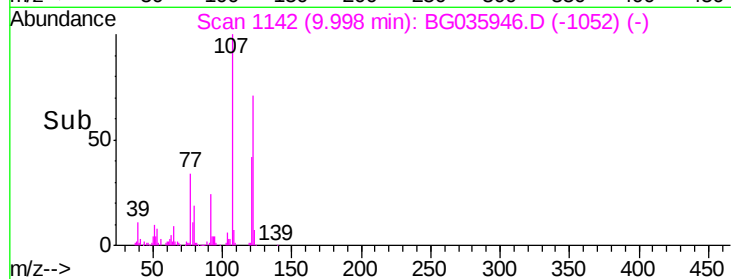
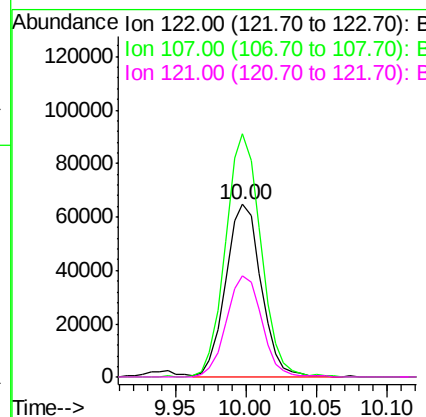
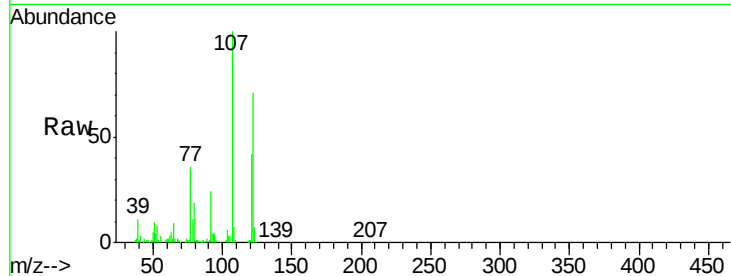
Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





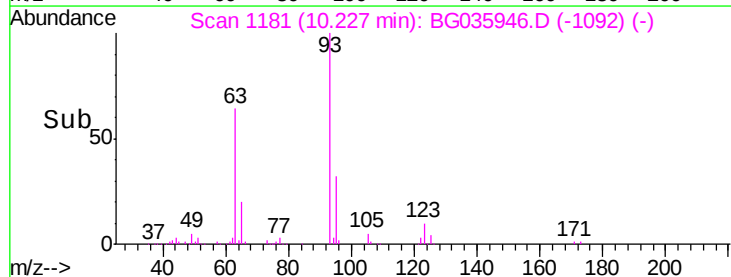
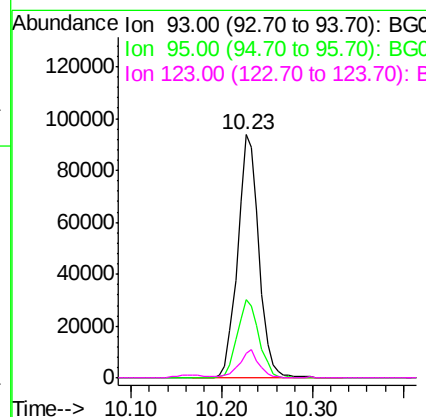
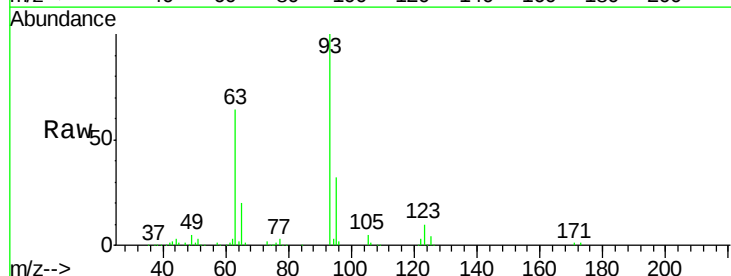
#27  
 2,4-Dimethylphenol  
 Concen: 56.465 ng  
 RT: 10.00 min Scan# 1142  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

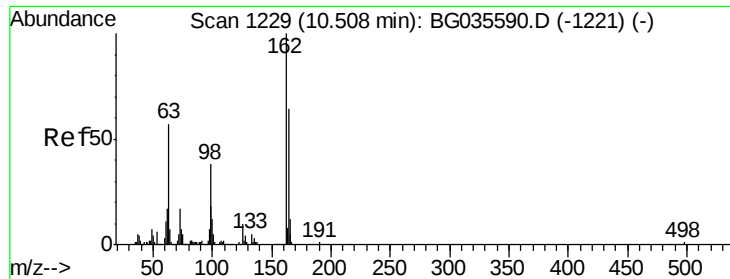
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 140.9 | 100.2 | 150.2 |
| 121     | 58.8  | 44.4  | 66.6  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.525 ng  
 RT: 10.23 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

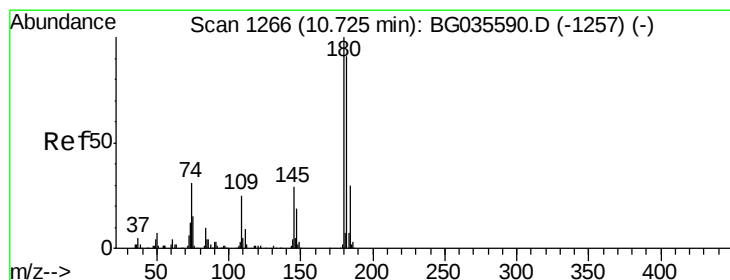
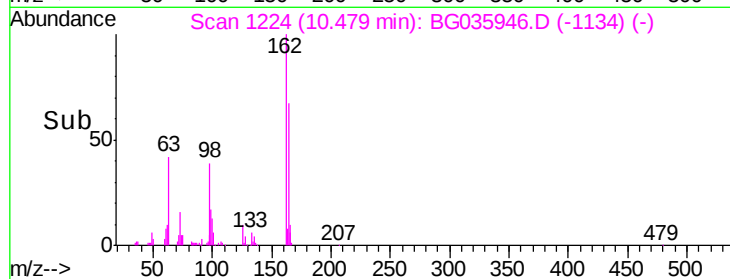
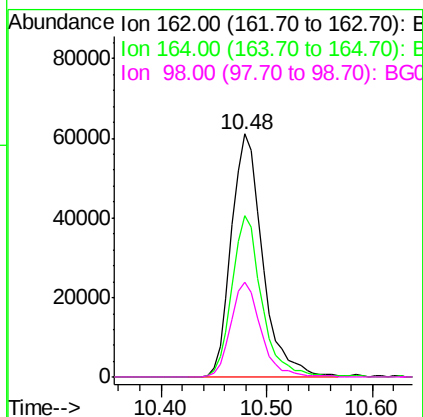
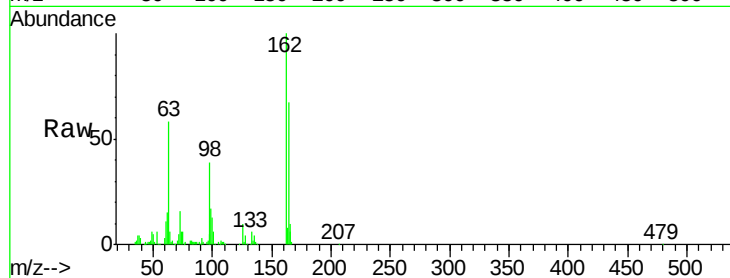
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.0  | 24.3  | 36.5  |
| 123     | 10.4  | 8.4   | 12.6  |





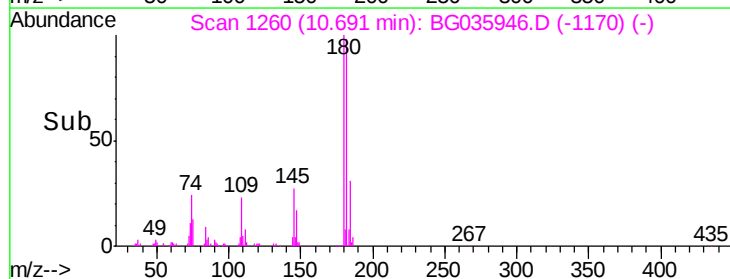
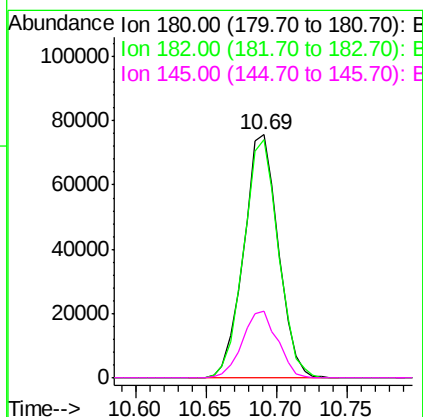
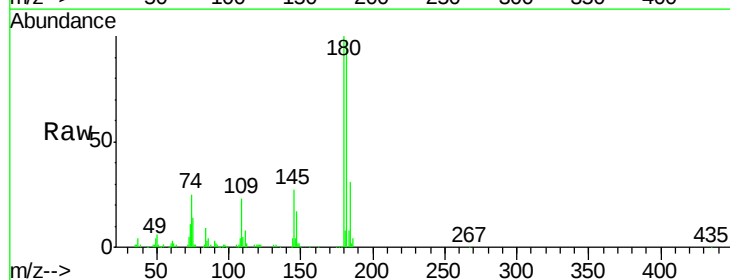
#29  
 2,4-Dichlorophenol  
 Concen: 54.886 ng  
 RT: 10.48 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

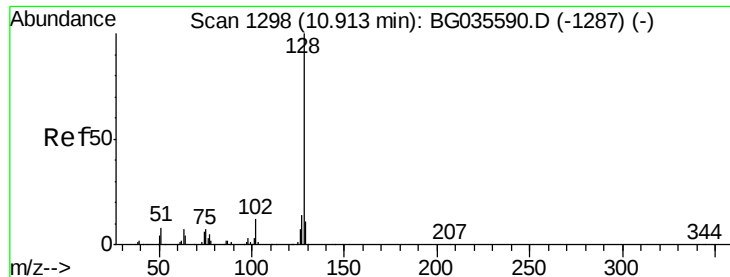
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.5  | 48.0  | 88.0  |
| 98      | 39.2  | 21.1  | 61.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.590 ng  
 RT: 10.69 min Scan# 1260  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

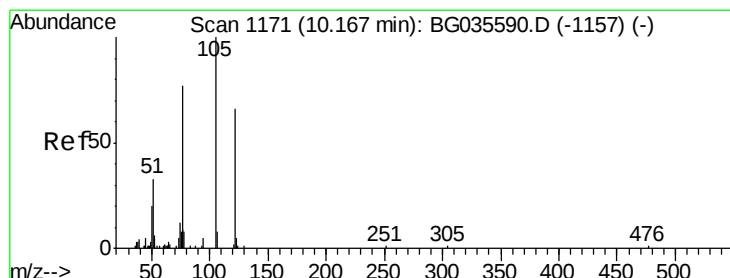
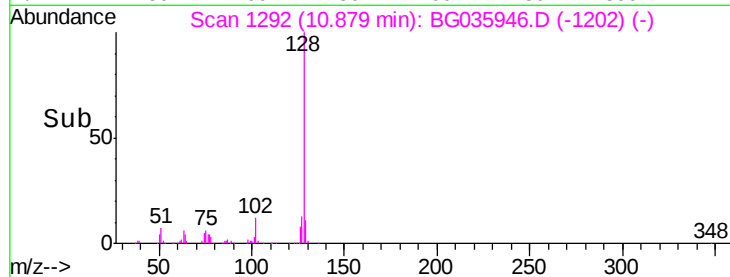
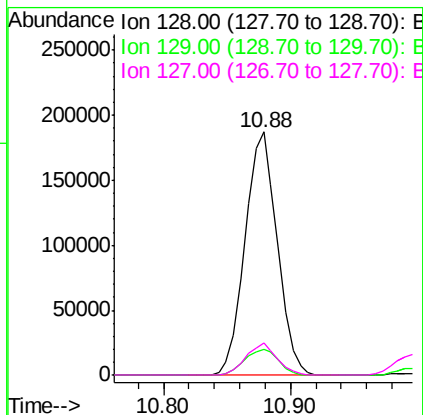
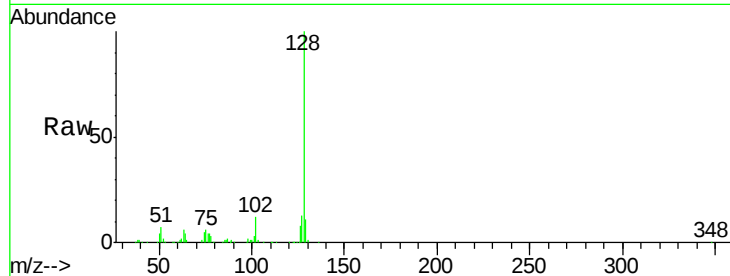
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.9  | 77.5  | 116.3 |
| 145     | 27.4  | 23.4  | 35.2  |





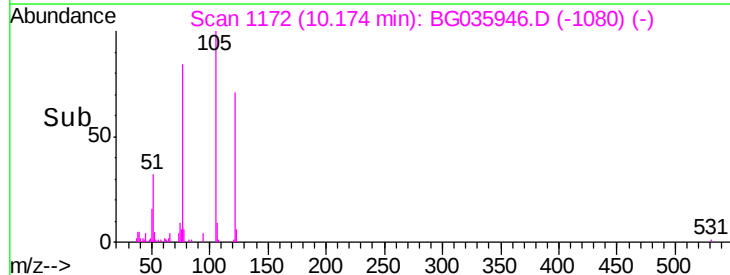
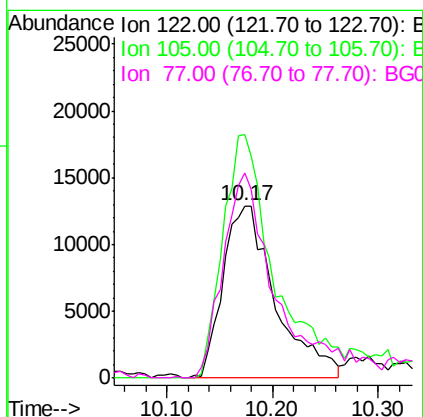
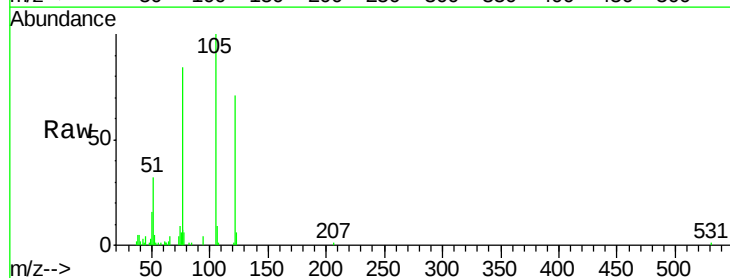
#31  
Naphthalene  
Concen: 45.934 ng  
RT: 10.88 min Scan# 1292  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

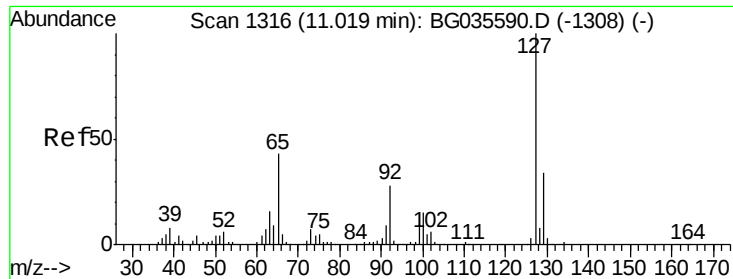
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.6  | 8.6   | 12.8  |
| 127     | 13.1  | 11.6  | 17.4  |



#32  
Benzoic acid  
Concen: 33.201 ng  
RT: 10.17 min Scan# 1172  
Delta R.T. 0.01 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

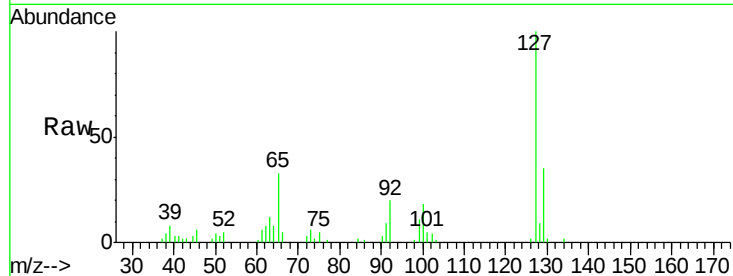
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 141.2 | 123.5 | 163.5 |
| 77      | 119.0 | 85.7  | 125.7 |



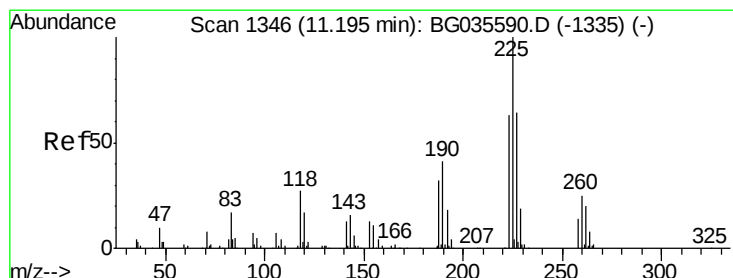
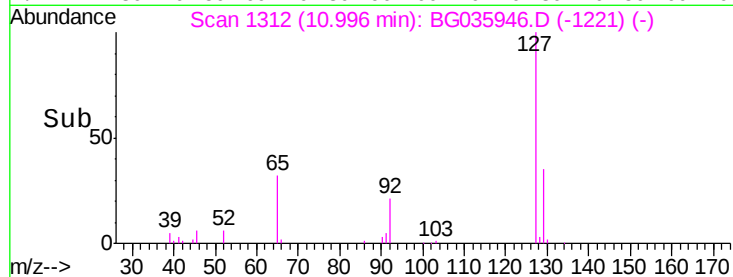
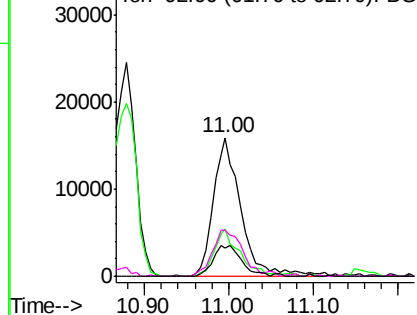


#33  
4-Chloroaniline  
Concen: 11.587 ng  
RT: 11.00 min Scan# 1312  
Delta R.T. 0.01 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 36320 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 34.6  | 24.0  | 36.0  |
| 65       | 33.2  | 27.0  | 40.4  |
| 92       | 20.3  | 16.6  | 25.0  |

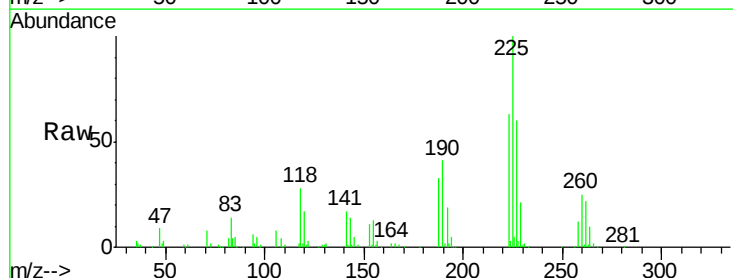


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGO  
Ion 92.00 (91.70 to 92.70): BGO

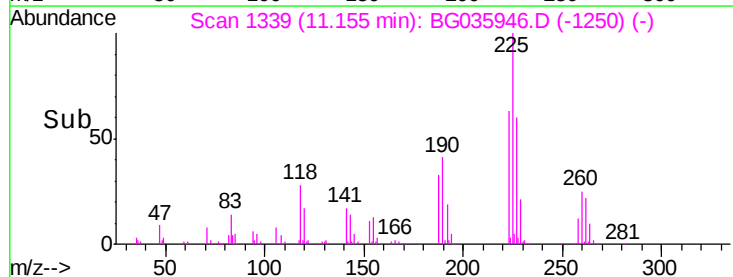
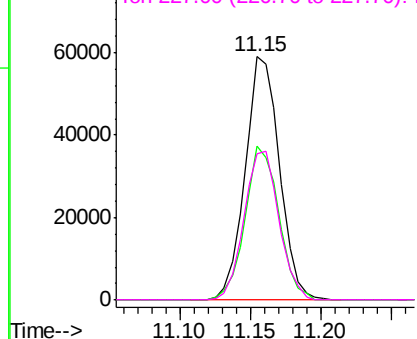


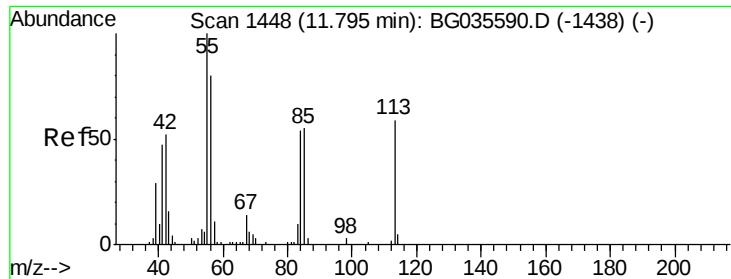
#34  
Hexachlorobutadiene  
Concen: 46.149 ng  
RT: 11.15 min Scan# 1339  
Delta R.T. -0.01 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 100650 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 49.7  | 74.5   |
| 227      | 60.3  | 48.1  | 72.1   |



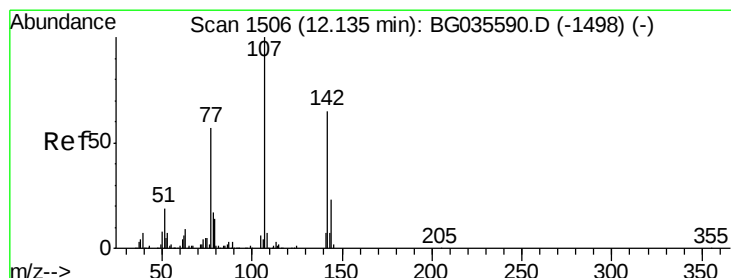
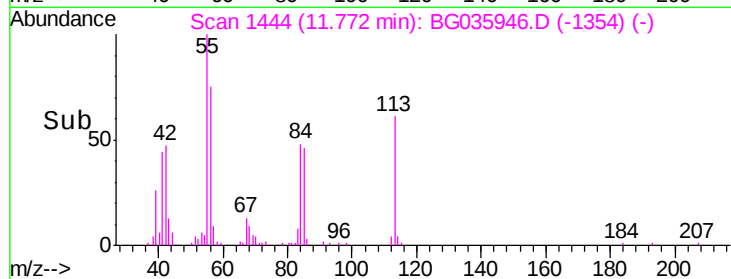
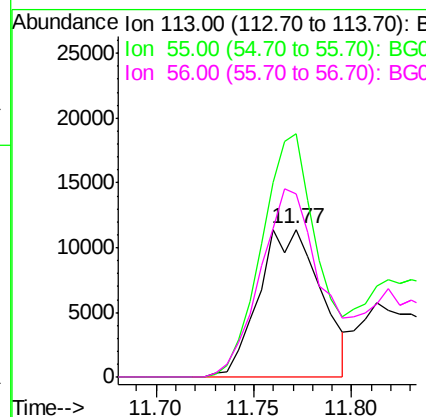
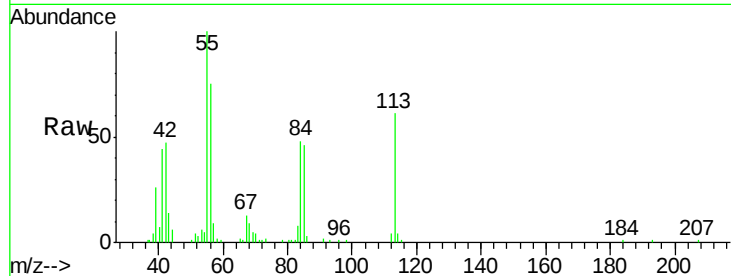
Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





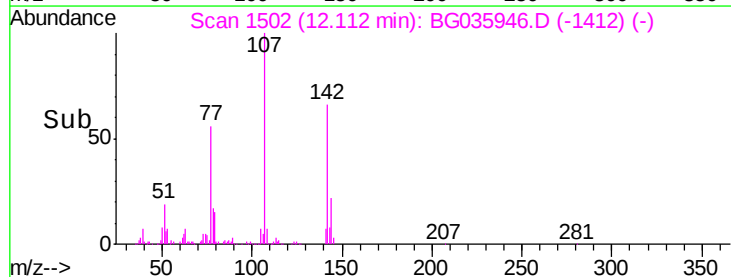
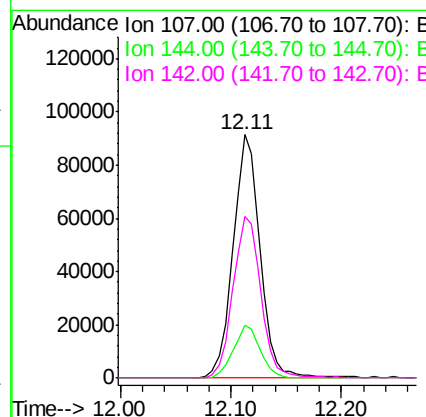
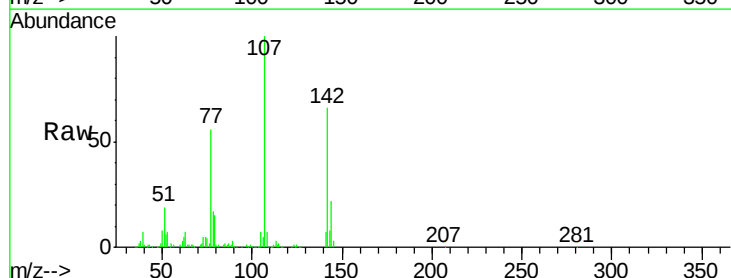
#35  
 Caprolactam  
 Concen: 25.649 ng  
 RT: 11.77 min Scan# 1444  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

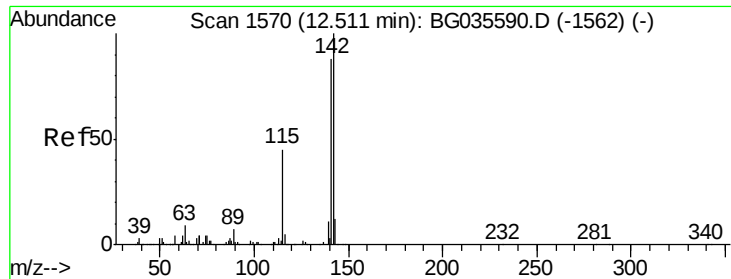
Tgt Ion:113 Resp: 25106  
 Ion Ratio Lower Upper  
 113 100  
 55 164.4 186.9 226.9#  
 56 123.6 130.9 170.9#



#36  
 4-Chloro-3-methylphenol  
 Concen: 51.413 ng  
 RT: 12.11 min Scan# 1502  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

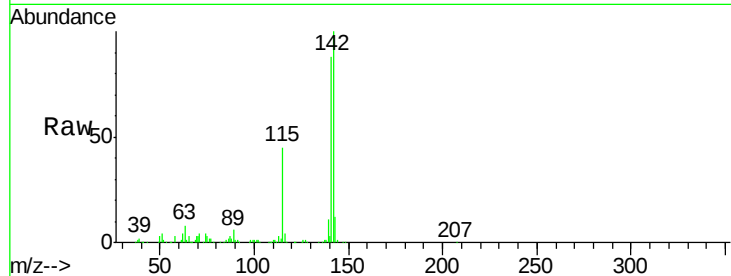
Tgt Ion:107 Resp: 157189  
 Ion Ratio Lower Upper  
 107 100  
 144 21.7 18.2 27.4  
 142 66.2 59.0 88.4



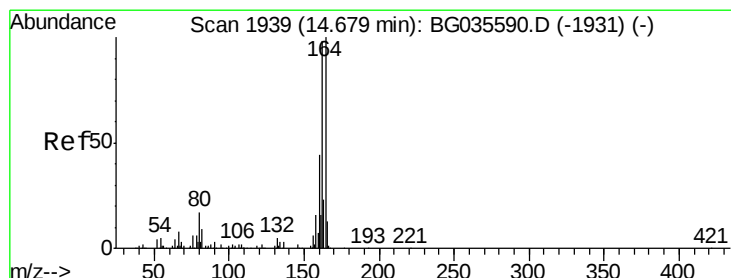
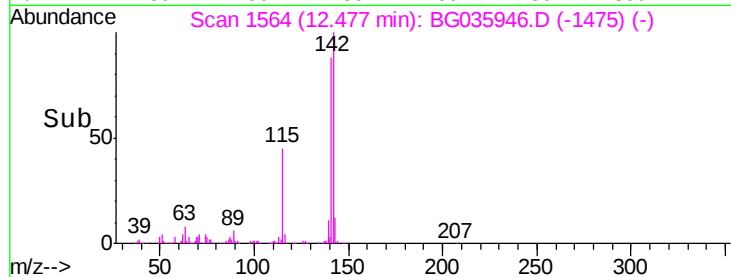
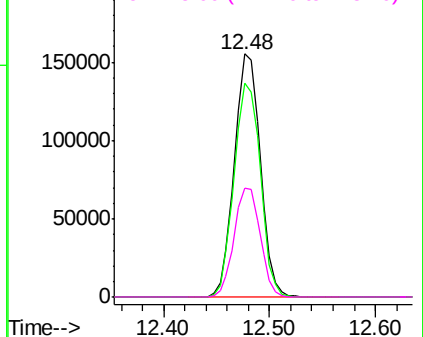


#37  
 2-Methylnaphthalene  
 Concen: 49.198 ng  
 RT: 12.48 min Scan# 1564  
 Delta R.T. -0.01 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 263605 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 87.7  | 67.1  | 100.7  |
| 115       | 44.7  | 30.7  | 46.1   |

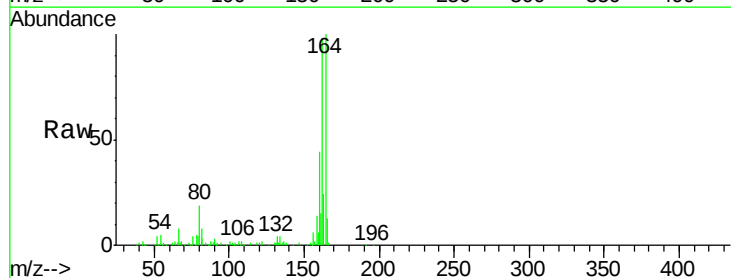


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

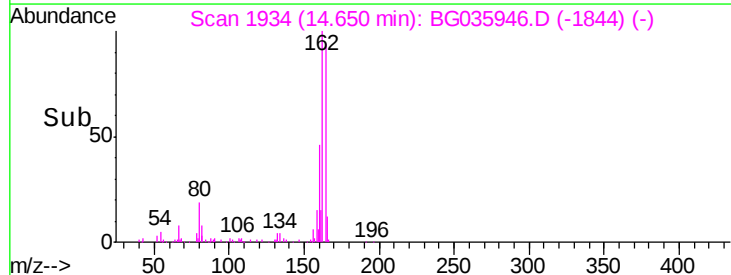
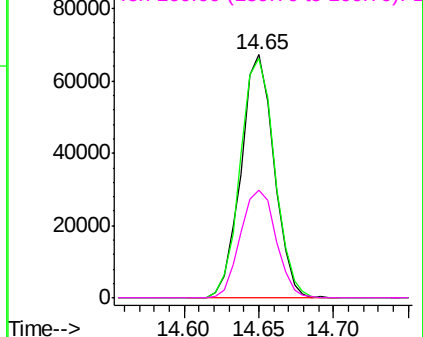


#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.65 min Scan# 1934  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 103312 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 98.2  | 78.8  | 118.2  |
| 160       | 44.4  | 35.4  | 53.0   |



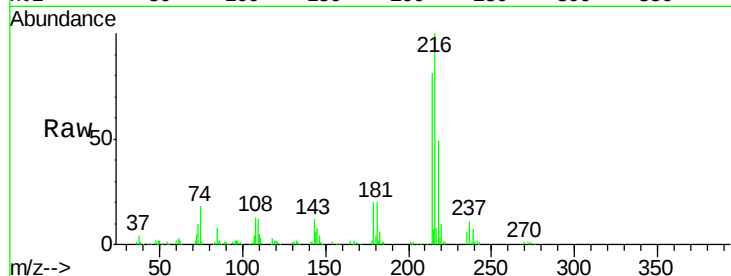
Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E



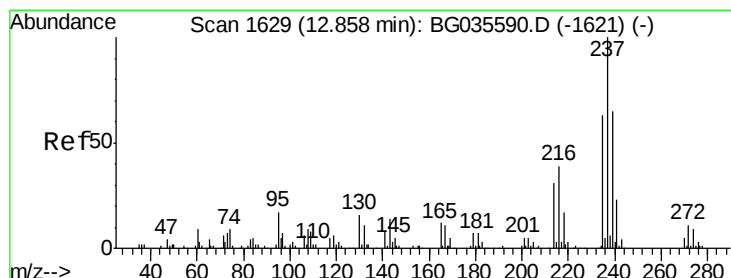
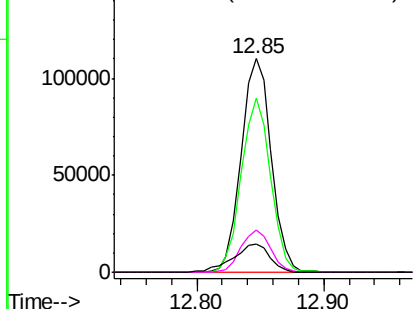
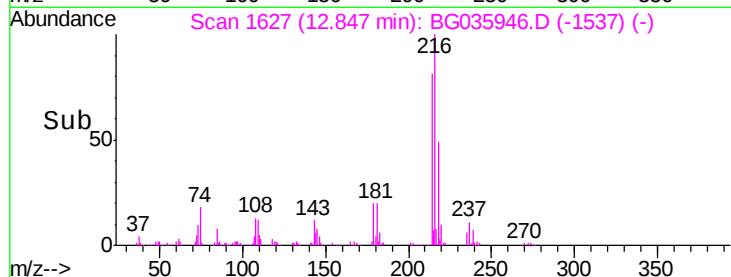


#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.378 ng  
 RT: 12.85 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 180845 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.7  | 63.0  | 94.4   |
| 179      | 19.5  | 17.0  | 25.6   |
| 108      | 16.1  | 12.8  | 19.2   |

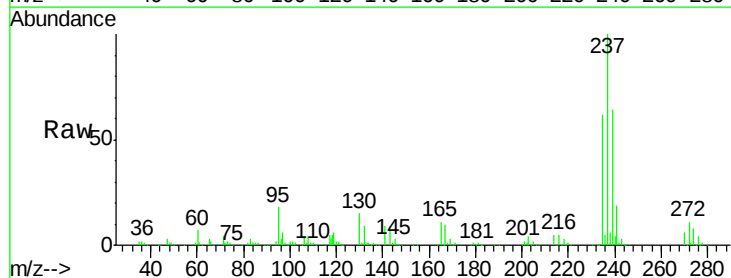


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

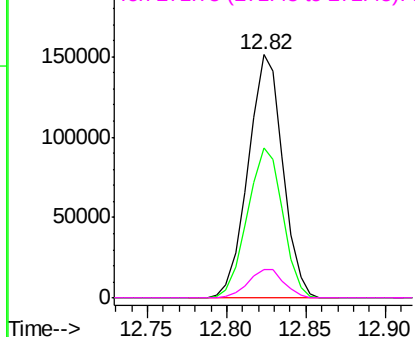
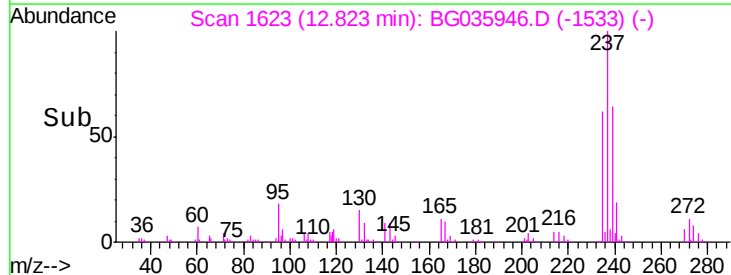


#40  
 Hexachlorocyclopentadiene  
 Concen: 112.398 ng  
 RT: 12.82 min Scan# 1623  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 229853 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 61.5  | 50.4  | 90.4   |
| 272      | 11.5  | 0.0   | 31.8   |



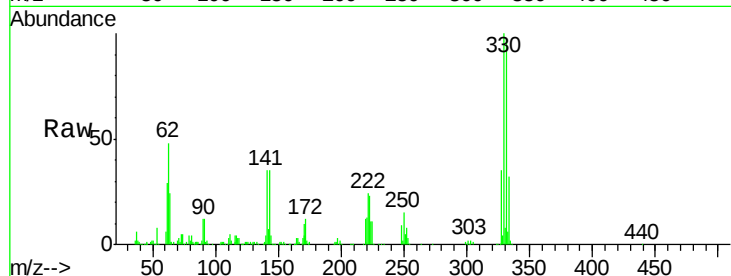
Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E



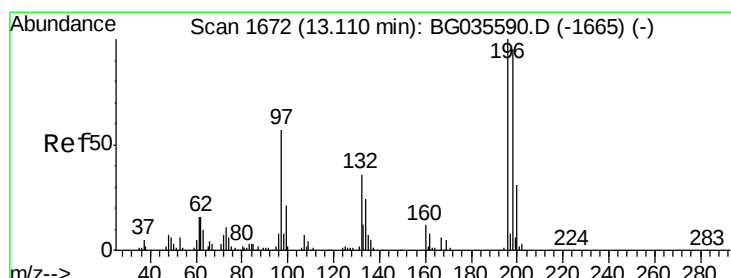
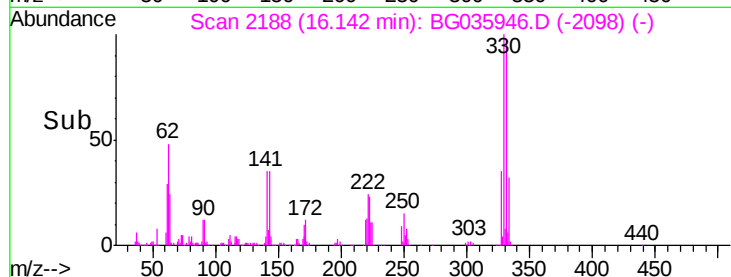
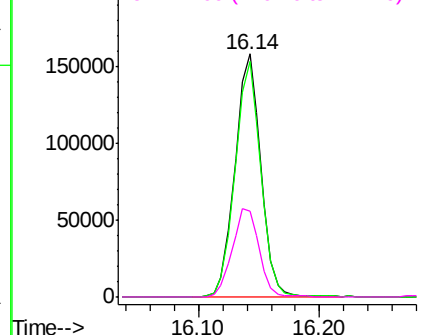


#41  
 2,4,6-Tribromophenol  
 Concen: 174.039 ng  
 RT: 16.14 min Scan# 2188  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 77.0  | 115.6 |
| 141     | 38.2  | 25.2  | 37.8# |

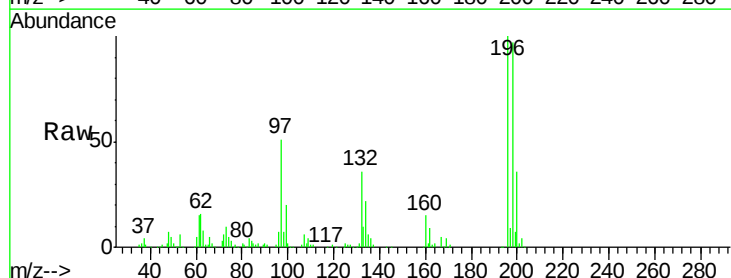


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

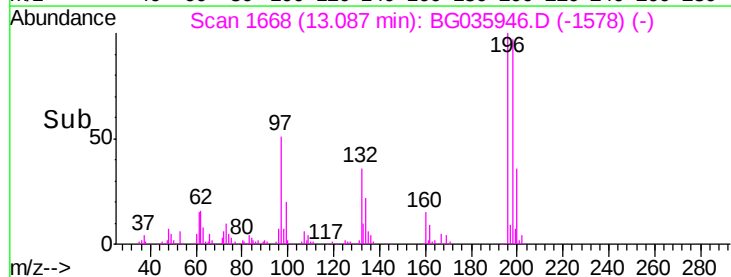
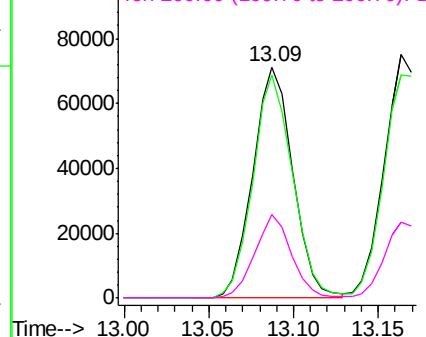


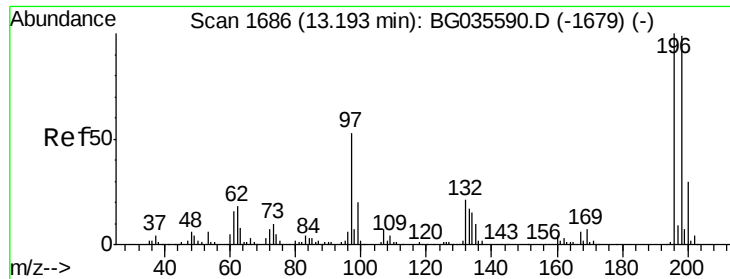
#42  
 2,4,6-Trichlorophenol  
 Concen: 51.291 ng  
 RT: 13.09 min Scan# 1668  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.7  | 78.2  | 117.2 |
| 200     | 36.4  | 24.6  | 36.8  |



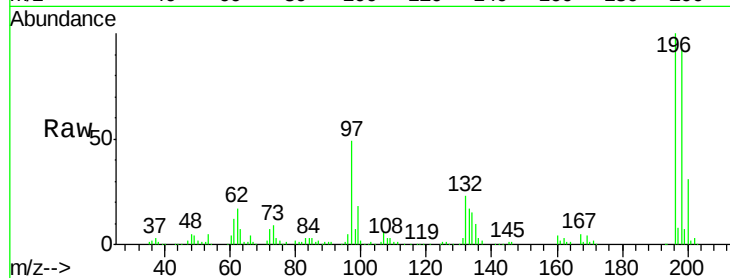
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E



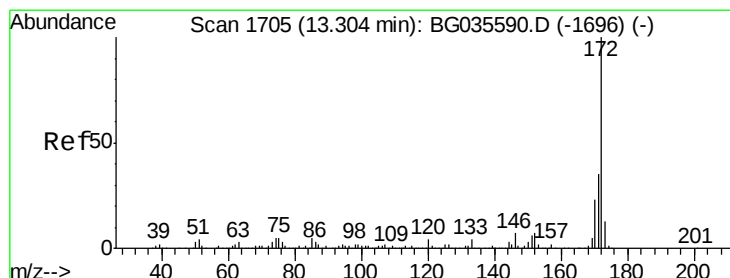
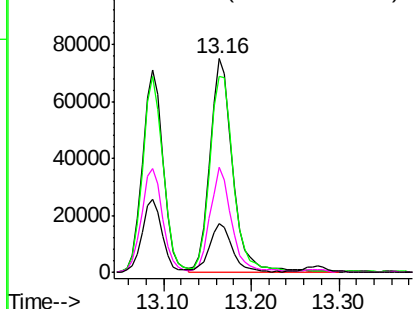
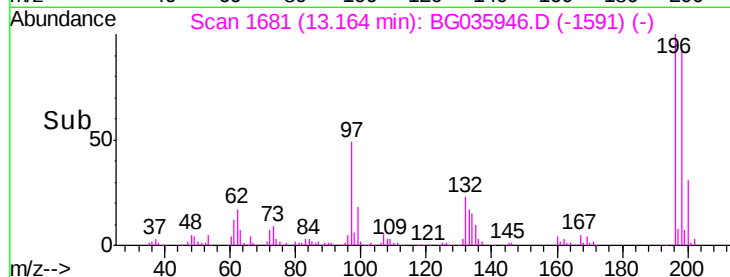


#43  
 2,4,5-Trichlorophenol  
 Concen: 52.784 ng  
 RT: 13.16 min Scan# 1681  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 134654 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 91.9  | 76.2  | 114.4  |
| 97       | 49.2  | 38.7  | 58.1   |
| 132      | 22.5  | 20.2  | 30.2   |

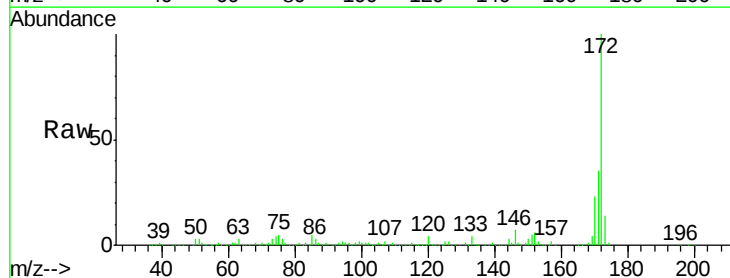


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

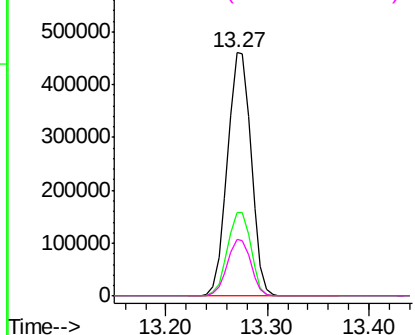
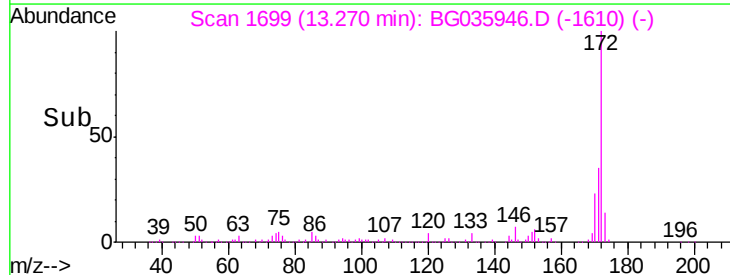


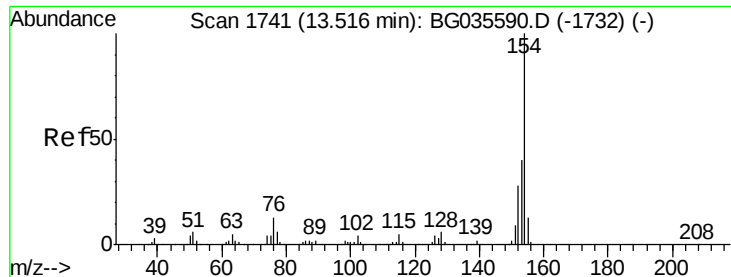
#44  
 2-Fluorobiphenyl  
 Concen: 97.232 ng  
 RT: 13.27 min Scan# 1699  
 Delta R.T. -0.01 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 749788 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 34.5  | 30.0  | 45.0   |
| 170      | 23.1  | 19.5  | 29.3   |



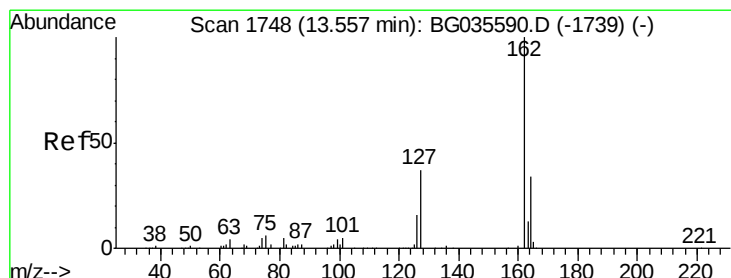
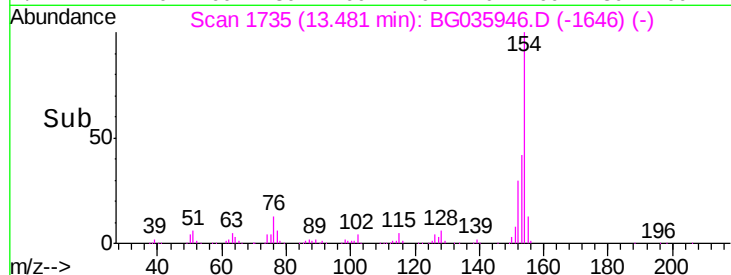
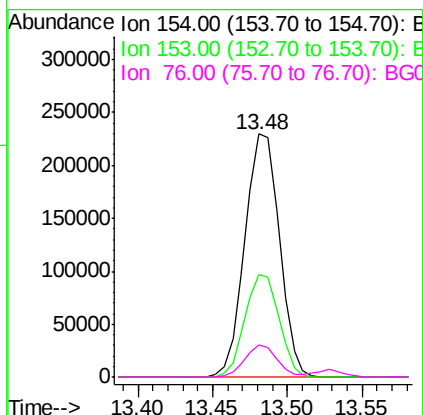
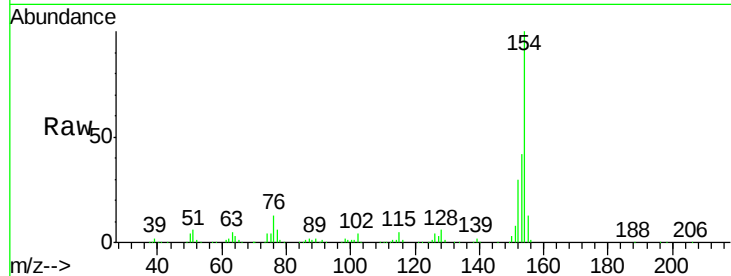
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





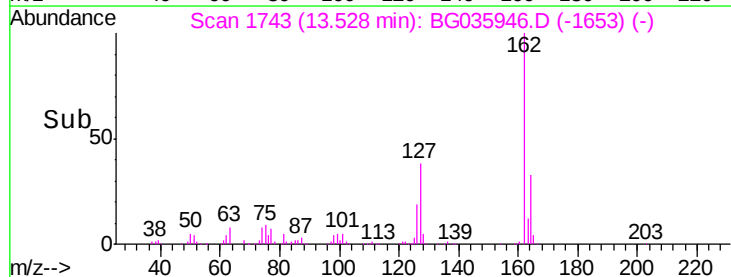
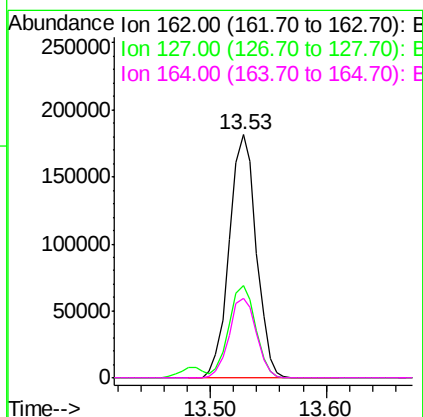
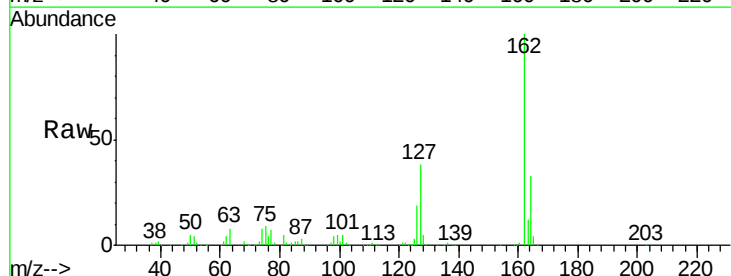
#45  
 1,1'-Biphenyl  
 Concen: 45.952 ng  
 RT: 13.48 min Scan# 1735  
 Delta R.T. -0.01 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

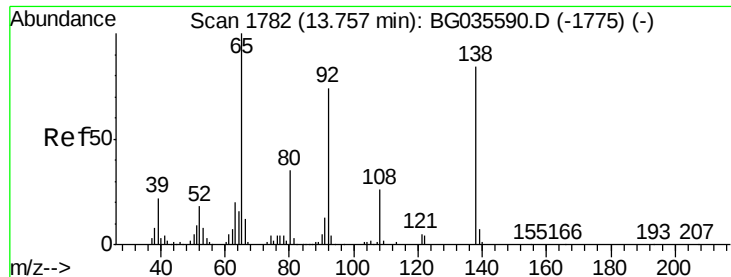
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 368066 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 42.4  | 19.8  | 59.8   |
| 76       | 13.3  | 0.0   | 31.9   |



#46  
 2-Chloronaphthalene  
 Concen: 47.231 ng  
 RT: 13.53 min Scan# 1743  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 294264 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 38.2  | 30.7  | 46.1   |
| 164      | 32.9  | 26.0  | 39.0   |





#47

2-Nitroaniline

Concen: 47.021 ng

RT: 13.73 min Scan# 1778

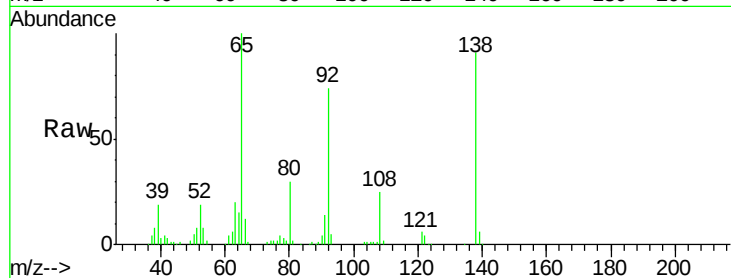
Delta R.T. -0.00 min

Lab File: BG035946.D

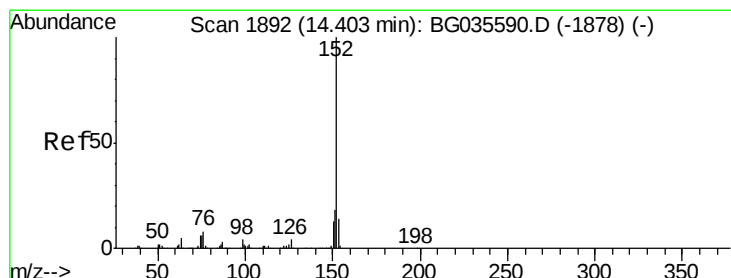
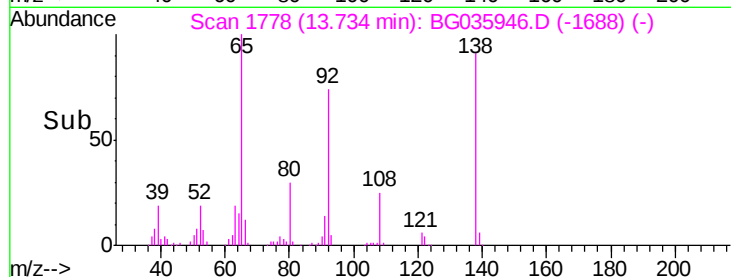
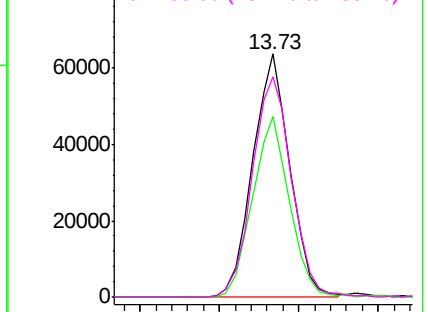
Acq: 27 Jul 2018 20:39

Tgt Ion: 65 Resp: 103570

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 74.1  | 54.6  | 82.0  |
| 138 | 90.6  | 72.9  | 109.3 |



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



#48

Acenaphthylene

Concen: 48.543 ng

RT: 14.37 min Scan# 1887

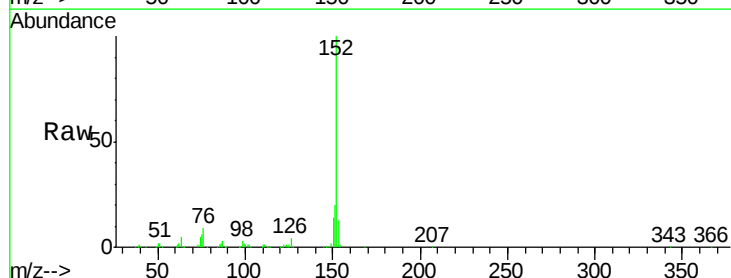
Delta R.T. -0.00 min

Lab File: BG035946.D

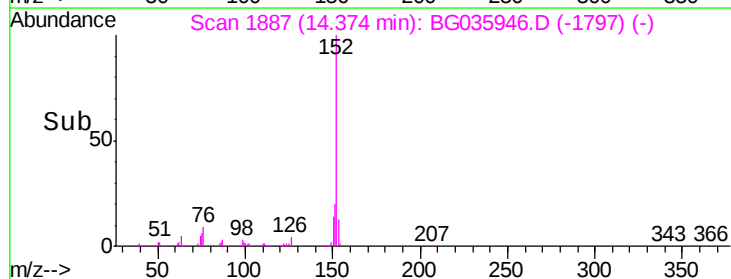
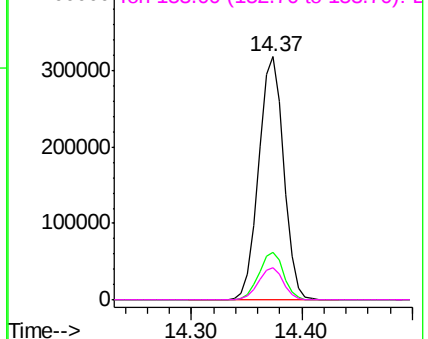
Acq: 27 Jul 2018 20:39

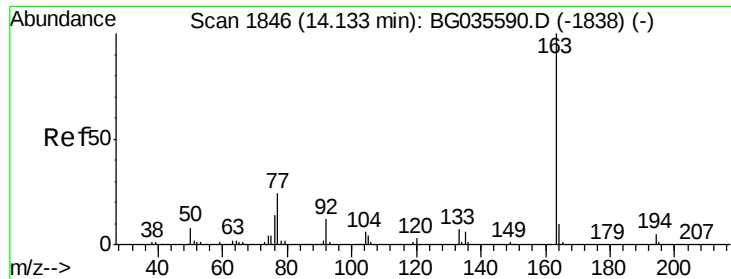
Tgt Ion: 152 Resp: 506620

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.7  | 17.2  | 25.8  |
| 153 | 13.5  | 10.2  | 15.4  |



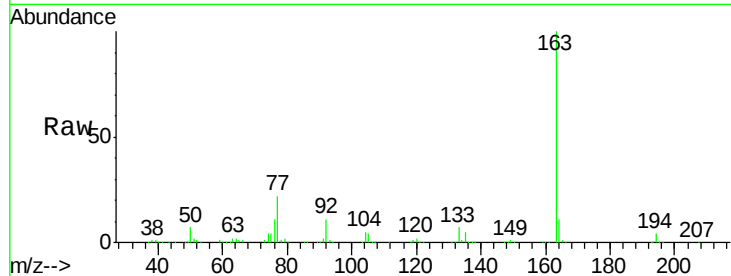
Abundance Ion 152.00 (151.70 to 152.70): BGC  
 Ion 151.00 (150.70 to 151.70): BGC  
 Ion 153.00 (152.70 to 153.70): BGC



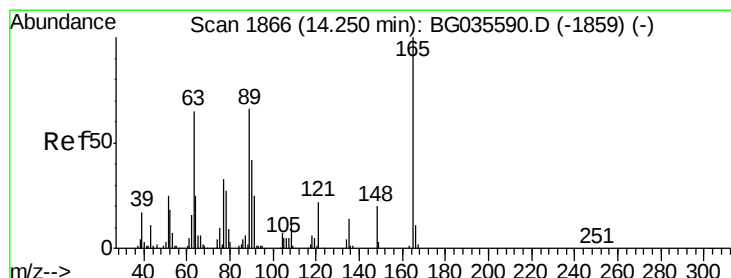
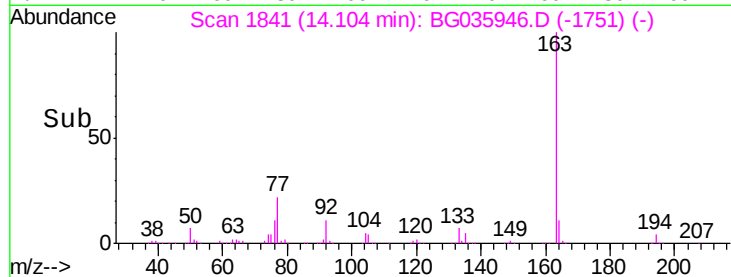
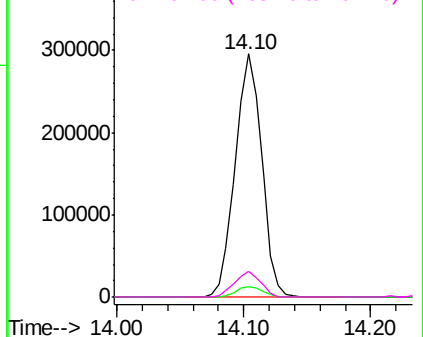


#49  
Dimethylphthalate  
Concen: 47.178 ng  
RT: 14.10 min Scan# 1841  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

Tgt Ion:163 Resp: 427041  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 10.8 8.2 12.4

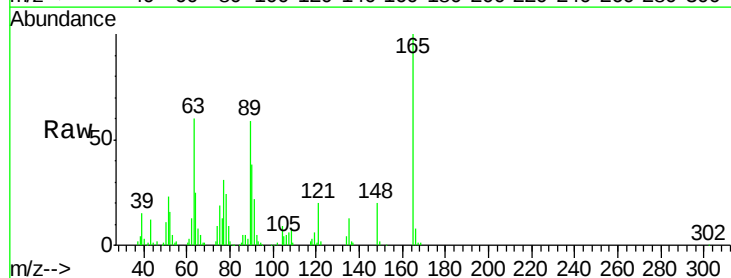


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

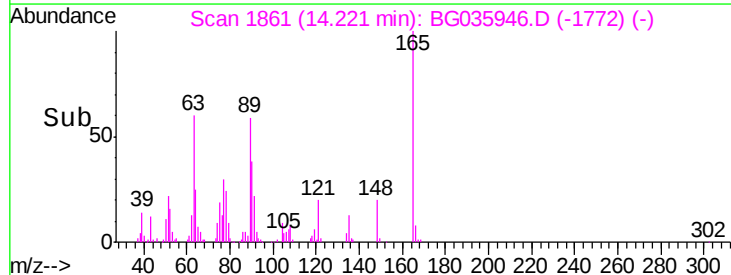
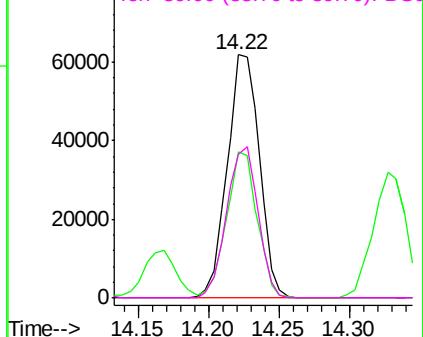


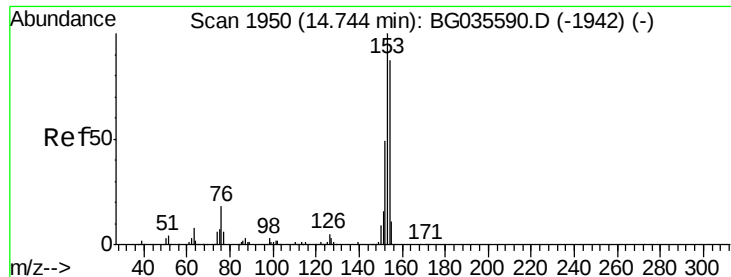
#50  
2,6-Dinitrotoluene  
Concen: 53.222 ng  
RT: 14.22 min Scan# 1861  
Delta R.T. -0.01 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

Tgt Ion:165 Resp: 98102  
Ion Ratio Lower Upper  
165 100  
63 59.9 52.7 79.1  
89 59.3 49.2 73.8



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





#51

Acenaphthene

Concen: 44.463 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

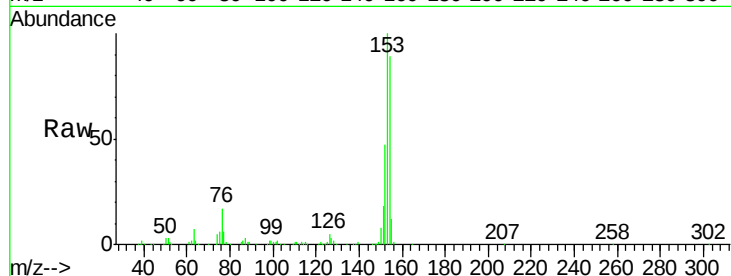
Tgt Ion:154 Resp: 289064

Ion Ratio Lower Upper

154 100

153 112.7 90.4 135.6

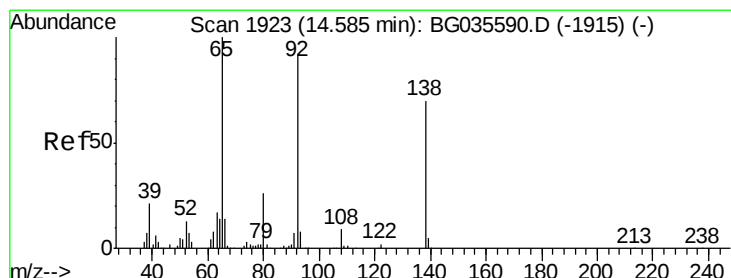
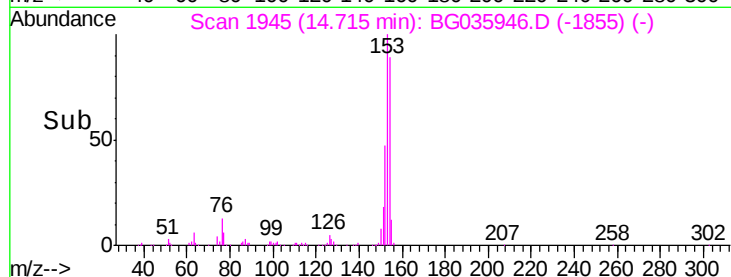
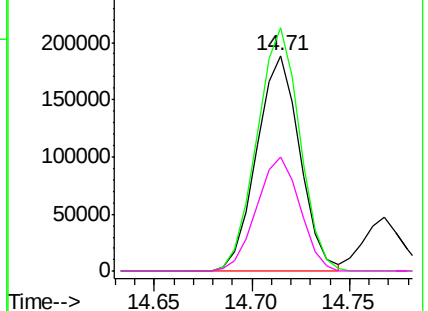
152 52.9 41.6 62.4



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: 22.459 ng

RT: 14.56 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

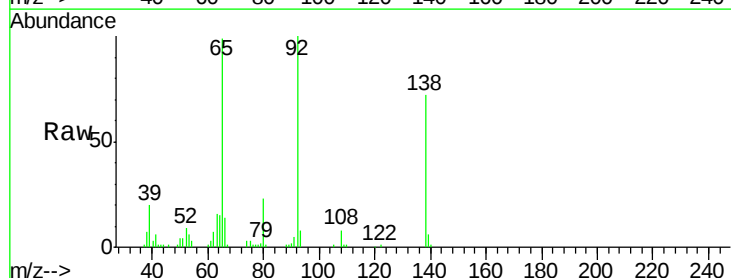
Tgt Ion:138 Resp: 42312

Ion Ratio Lower Upper

138 100

108 11.8 17.5 26.3#

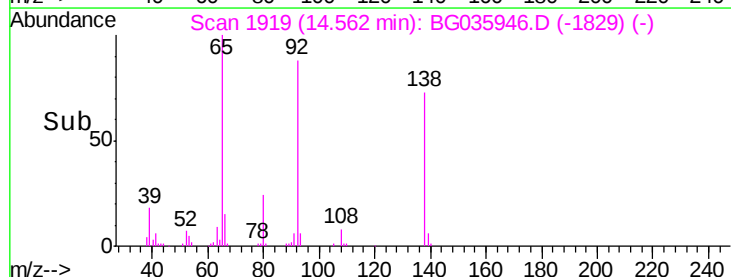
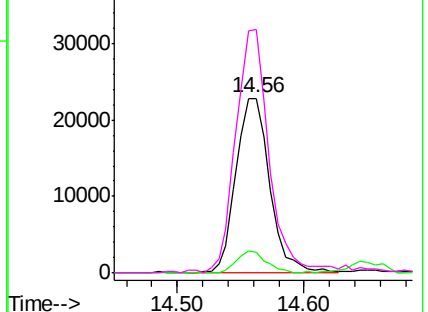
92 139.2 105.8 158.8

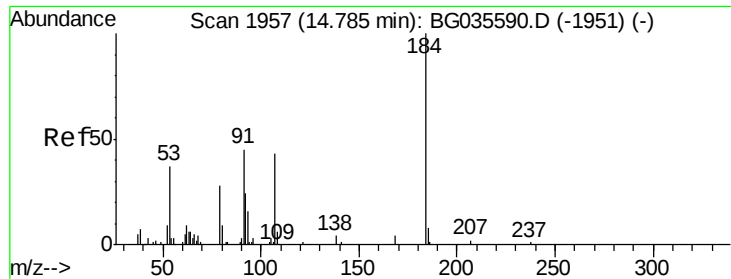


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

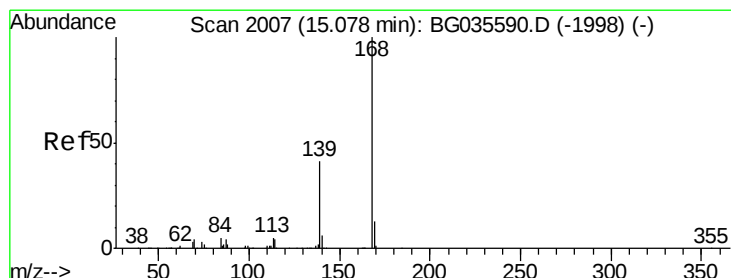
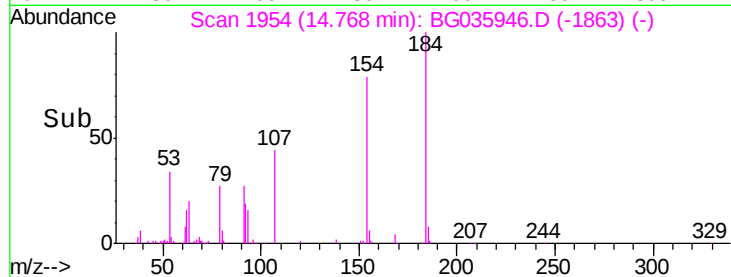
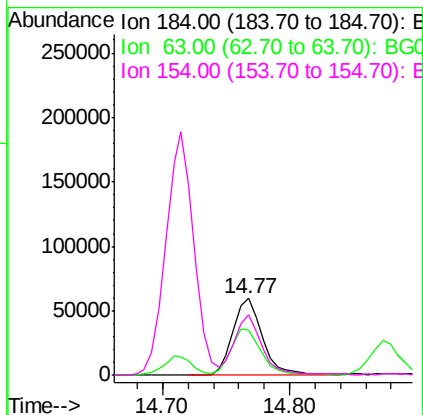
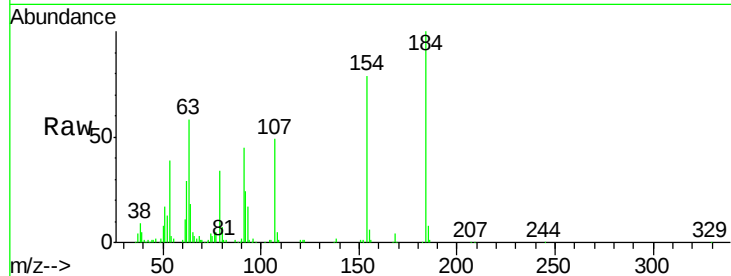
Ion 92.00 (91.70 to 92.70): E





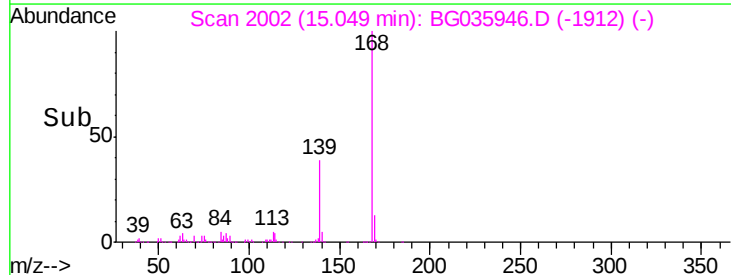
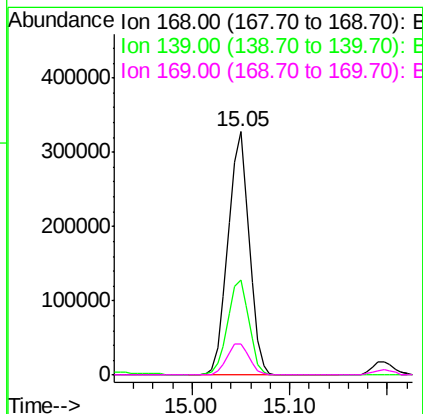
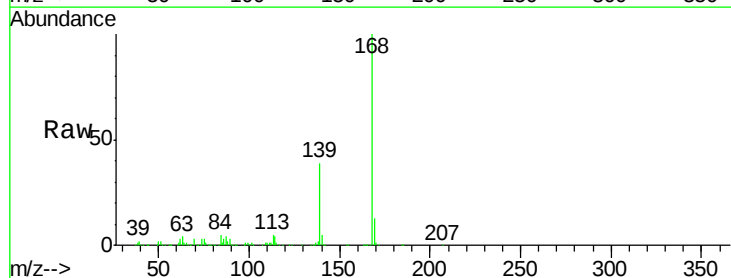
#53  
2,4-Dinitrophenol  
Concen: 100.641 ng  
RT: 14.77 min Scan# 1954  
Delta R.T. 0.01 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

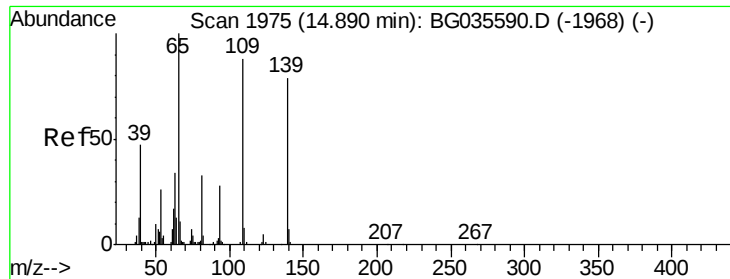
Tgt Ion:184 Resp: 97149  
Ion Ratio Lower Upper  
184 100  
63 58.1 59.8 89.8#  
154 78.6 101.8 152.8#



#54  
Dibenzofuran  
Concen: 47.776 ng  
RT: 15.05 min Scan# 2002  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

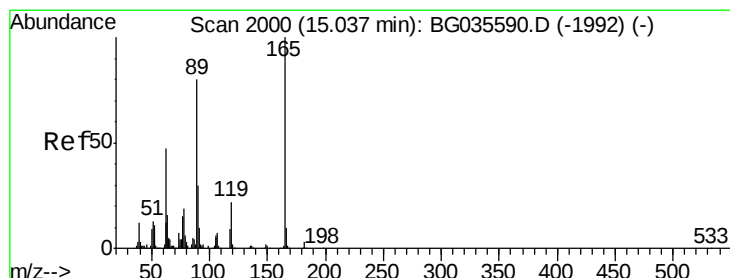
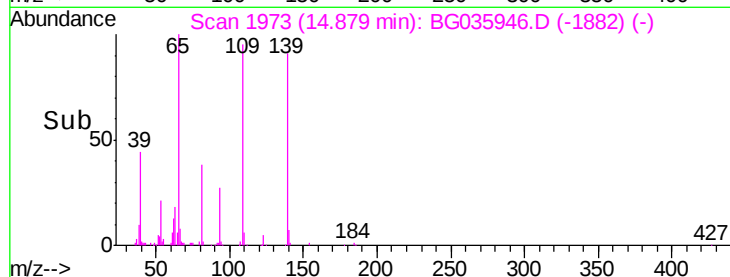
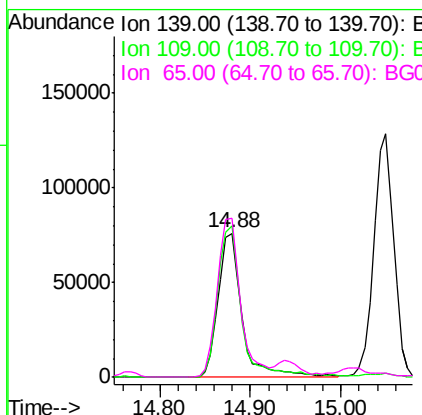
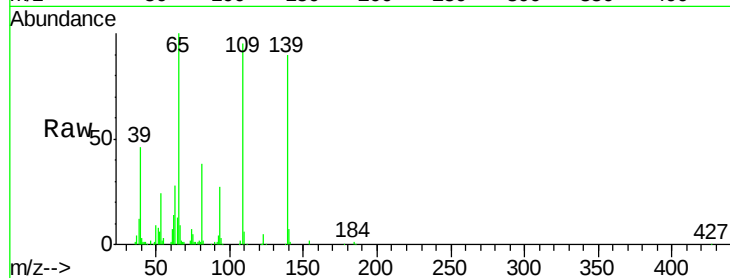
Tgt Ion:168 Resp: 493978  
Ion Ratio Lower Upper  
168 100  
139 39.2 28.6 43.0  
169 12.6 11.2 16.8





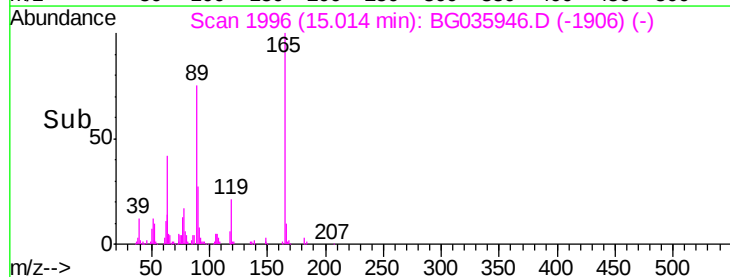
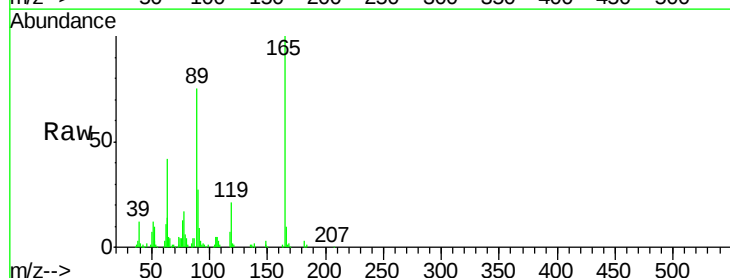
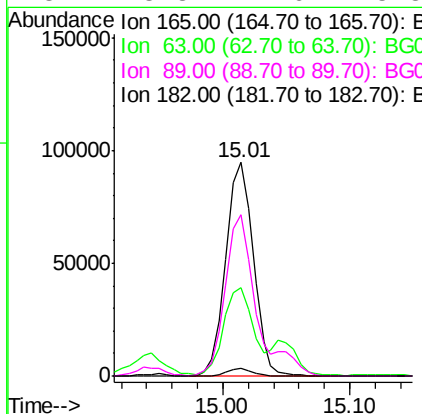
#55  
4-Nitrophenol  
Concen: 103.780 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. 0.01 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

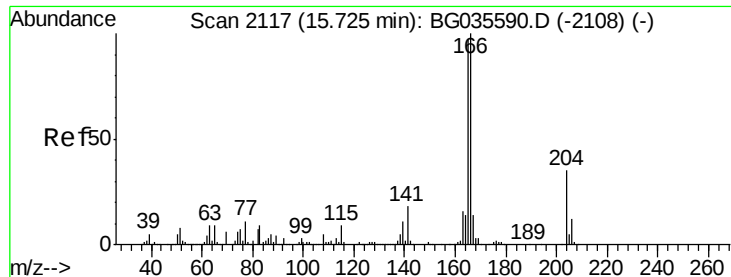
Tgt Ion:139 Resp: 139238  
Ion Ratio Lower Upper  
139 100  
109 105.0 62.2 102.2#  
65 110.7 97.2 137.2



#56  
2,4-Dinitrotoluene  
Concen: 54.017 ng  
RT: 15.01 min Scan# 1996  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

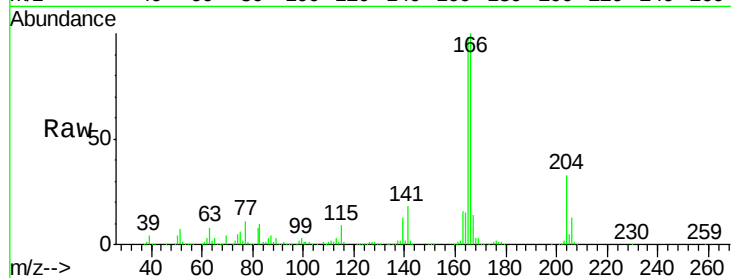
Tgt Ion:165 Resp: 142842  
Ion Ratio Lower Upper  
165 100  
63 41.6 42.0 63.0#  
89 75.3 66.9 100.3  
182 3.3 2.6 3.8



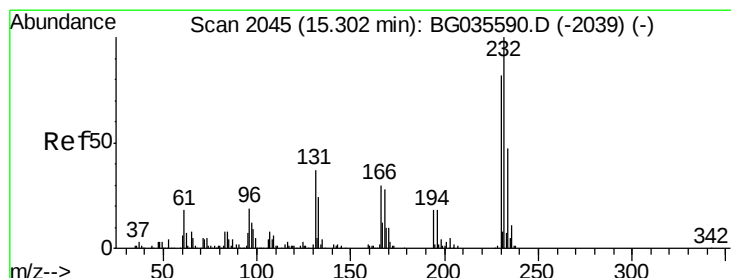
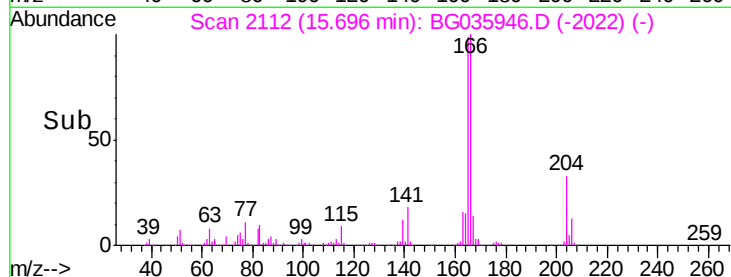
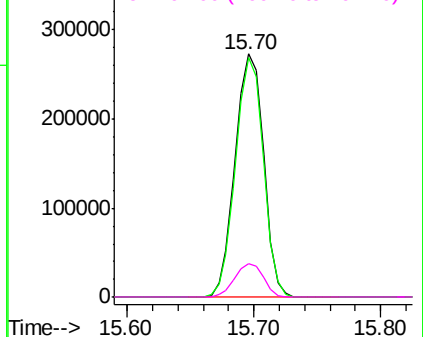


#57  
 Fluorene  
 Concen: 48.970 ng  
 RT: 15.70 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

Tgt Ion:166 Resp: 424373  
 Ion Ratio Lower Upper  
 166 100  
 165 98.4 80.6 121.0  
 167 13.9 10.4 15.6

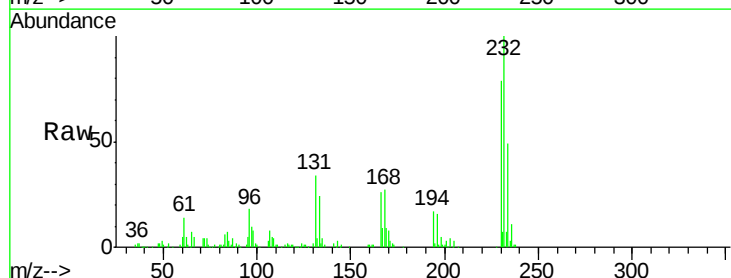


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

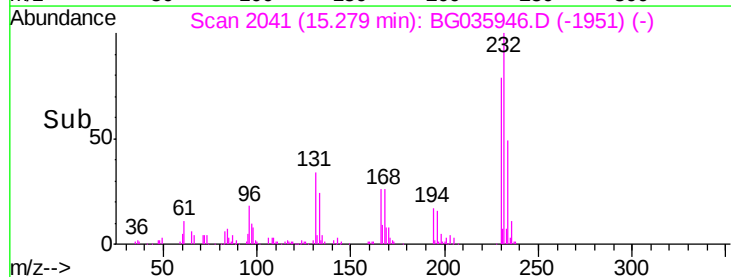
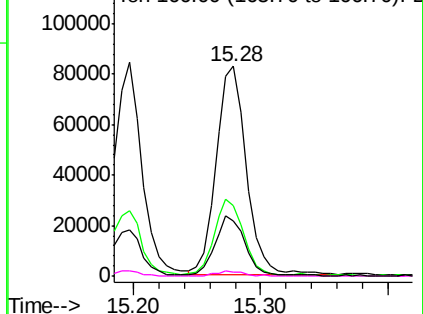


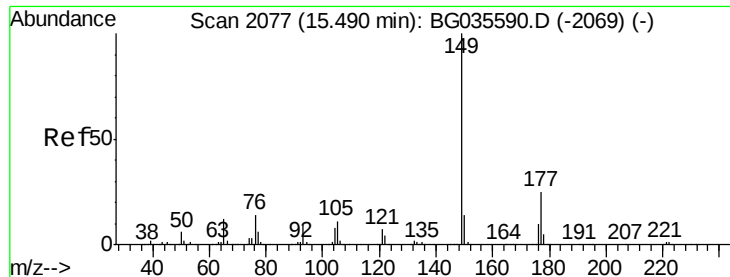
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 55.949 ng  
 RT: 15.28 min Scan# 2041  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

Tgt Ion:232 Resp: 136846  
 Ion Ratio Lower Upper  
 232 100  
 131 35.4 33.5 50.3  
 130 2.3 2.2 3.2  
 166 27.5 24.8 37.2



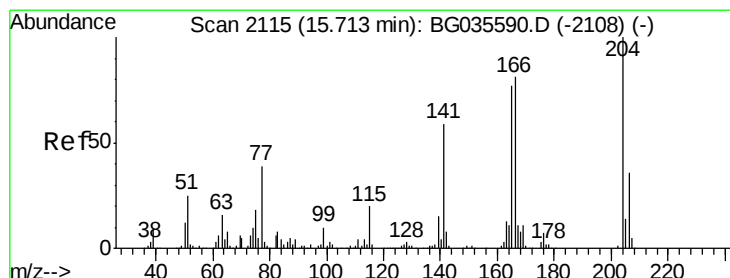
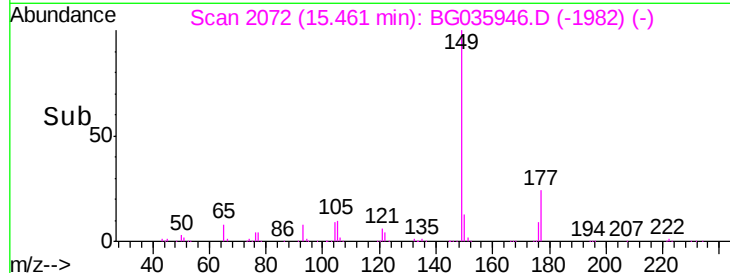
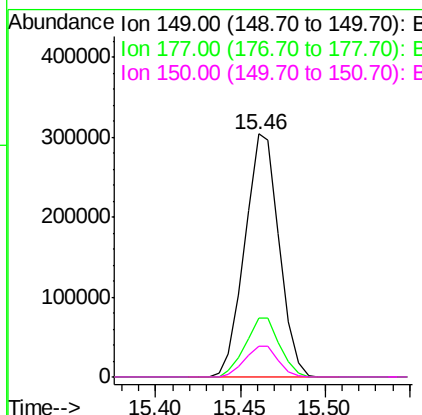
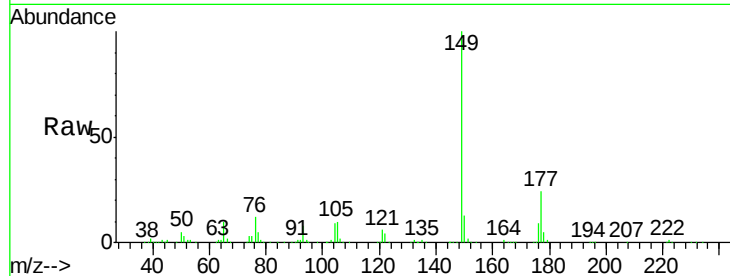
Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E





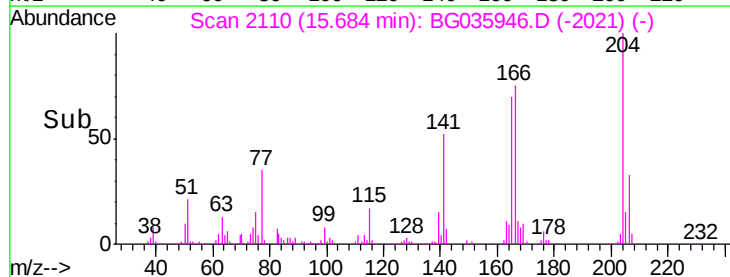
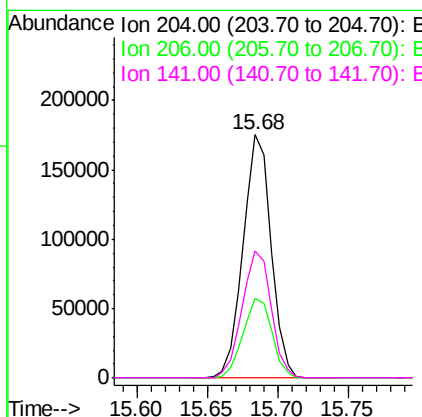
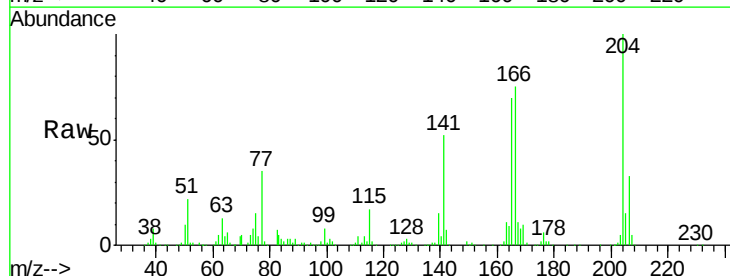
#59  
Diethylphthalate  
Concen: 46.130 ng  
RT: 15.46 min Scan# 2072  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

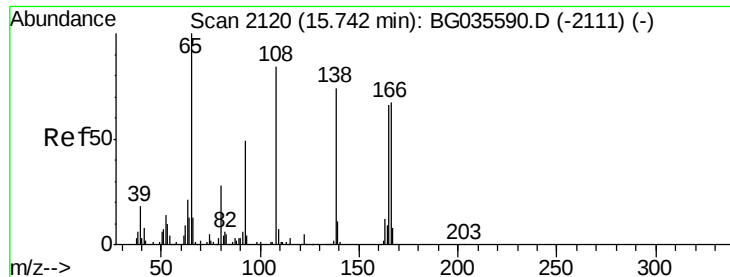
Tgt Ion:149 Resp: 429352  
Ion Ratio Lower Upper  
149 100  
177 24.1 18.5 27.7  
150 12.7 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 47.853 ng  
RT: 15.68 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

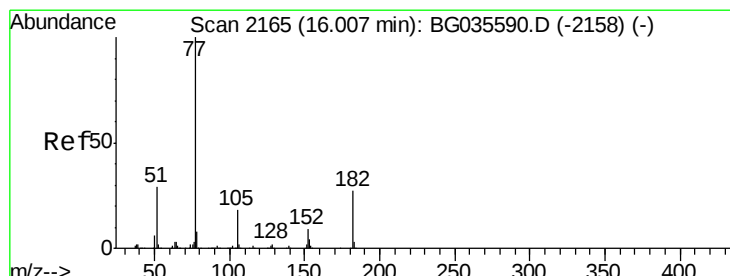
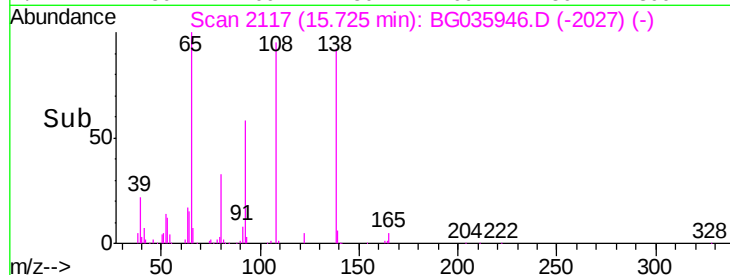
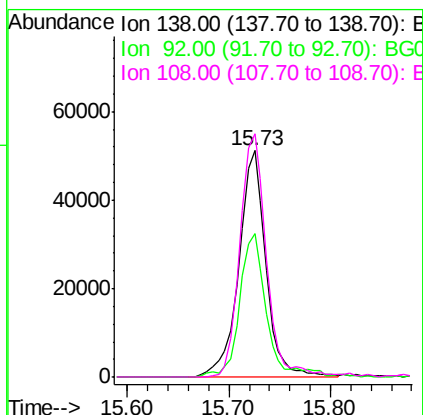
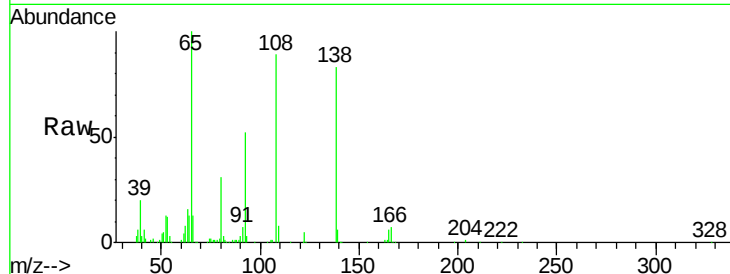
Tgt Ion:204 Resp: 243735  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.2 39.2  
141 52.4 45.8 68.6





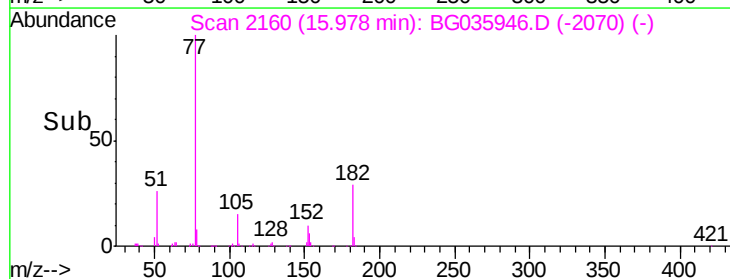
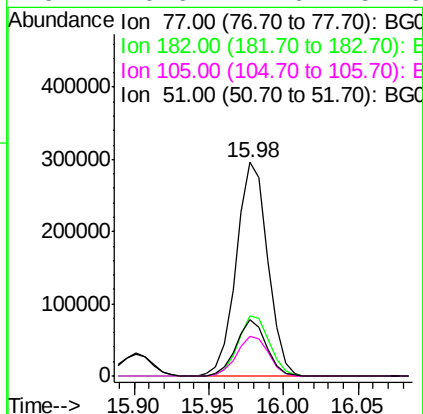
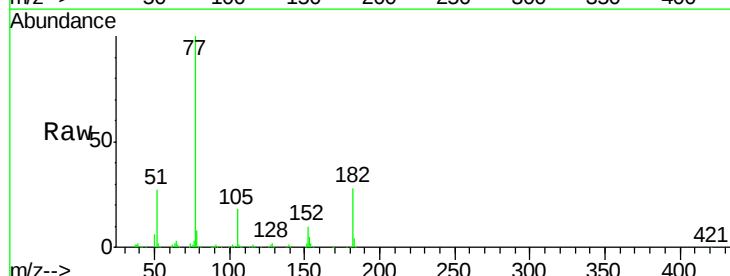
#61  
4-Nitroaniline  
Concen: 48.354 ng  
RT: 15.73 min Scan# 2117  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

Tgt Ion:138 Resp: 95291  
Ion Ratio Lower Upper  
138 100  
92 63.2 40.1 80.1  
108 107.3 65.4 105.4#



#62  
Azobenzene  
Concen: 47.129 ng  
RT: 15.98 min Scan# 2160  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

Tgt Ion: 77 Resp: 432676  
Ion Ratio Lower Upper  
77 100  
182 28.1 7.4 47.4  
105 18.3 0.3 40.3  
51 26.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

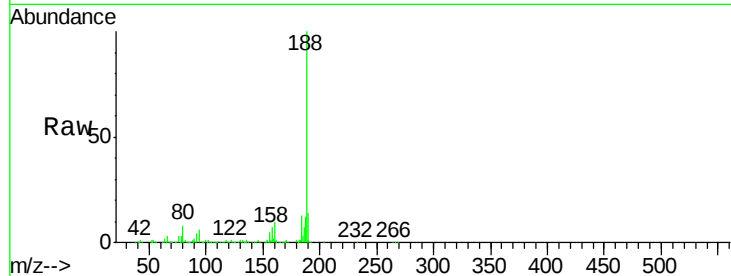
RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

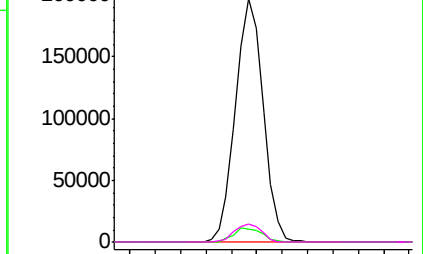
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 298968 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 5.6   | 6.9   | 10.3#  |
| 80       | 7.6   | 7.7   | 11.5#  |



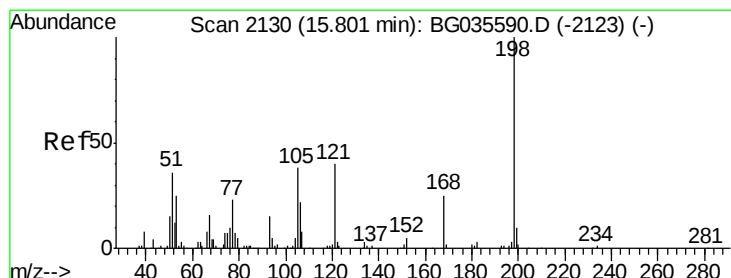
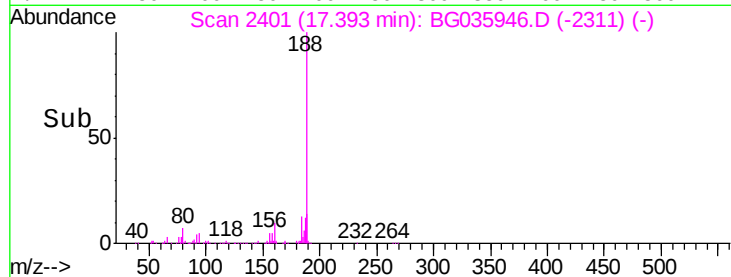
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.30 17.40 17.50



#64

4,6-Dinitro-2-methylphenol

Concen: 50.944 ng

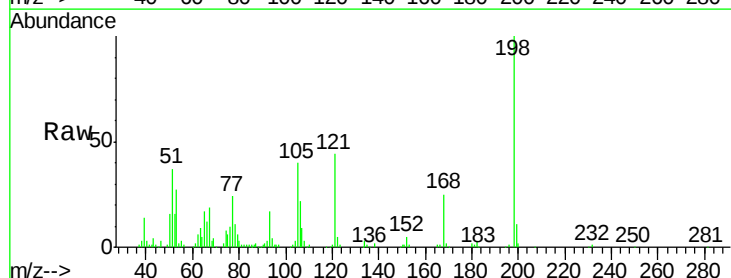
RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

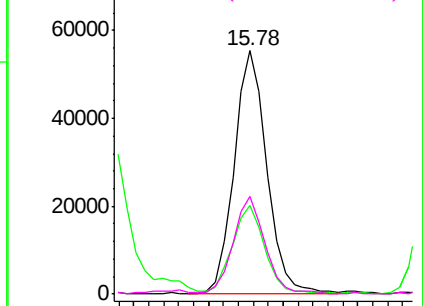
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 198   | Resp: | 84783 |
| Ion      | Ratio | Lower | Upper |
| 198      | 100   |       |       |
| 51       | 36.6  | 30.6  | 70.6  |
| 105      | 39.9  | 23.8  | 63.8  |



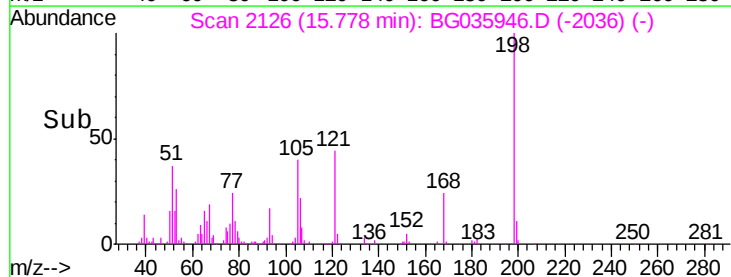
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



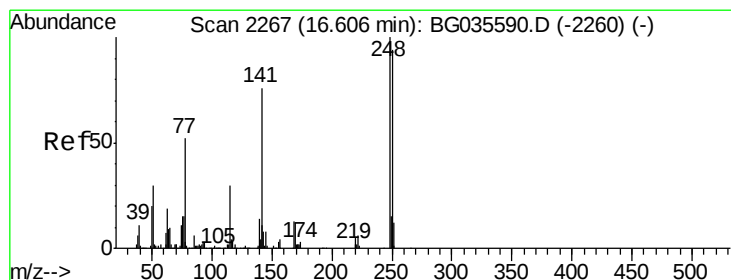
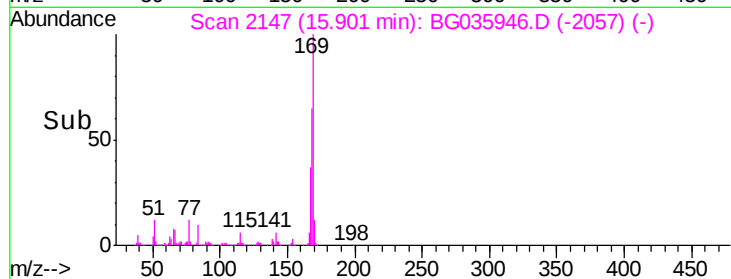
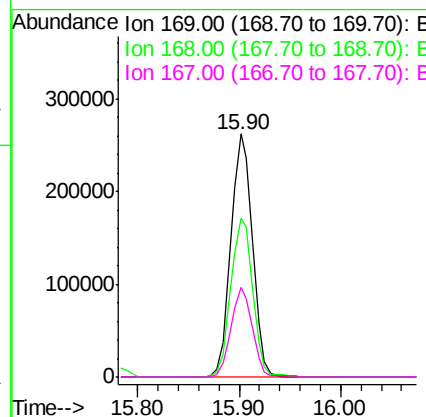
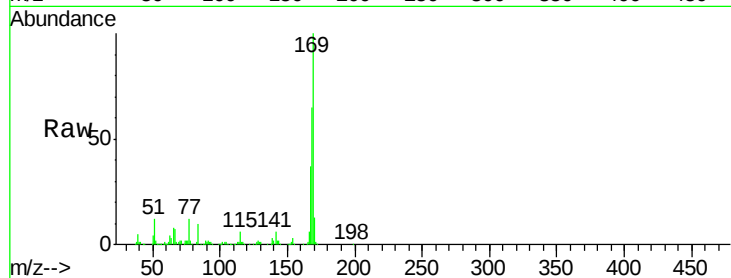
Time--> 15.70 15.75 15.80 15.85





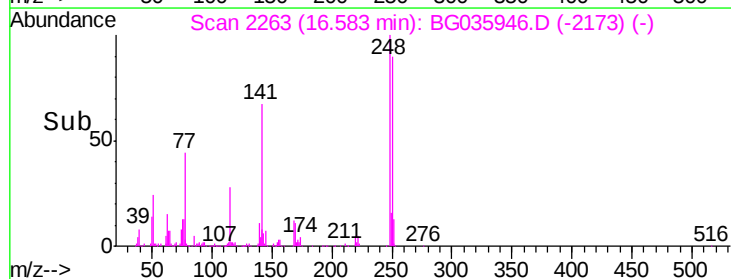
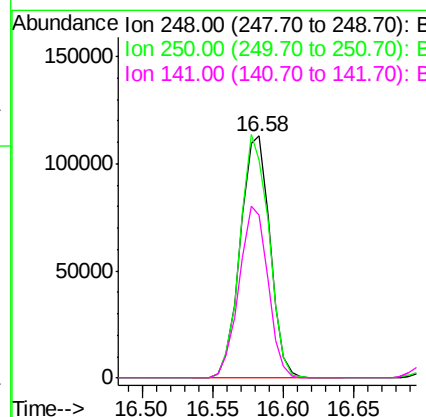
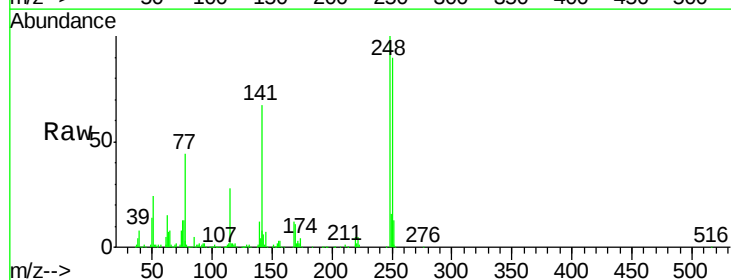
#65  
 n-Nitrosodiphenylamine  
 Concen: 45.194 ng  
 RT: 15.90 min Scan# 2147  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

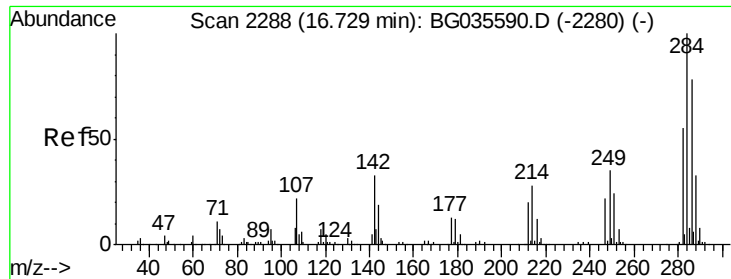
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 169   | Resp: | 384591 |
| Ion      | Ratio | Lower | Upper  |
| 169      | 100   |       |        |
| 168      | 65.2  | 55.7  | 83.5   |
| 167      | 36.8  | 30.1  | 45.1   |



#66  
 4-Bromophenyl-phenylether  
 Concen: 47.740 ng  
 RT: 16.58 min Scan# 2263  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 248   | Resp: | 165588 |
| Ion      | Ratio | Lower | Upper  |
| 248      | 100   |       |        |
| 250      | 90.4  | 77.1  | 115.7  |
| 141      | 67.3  | 50.8  | 76.2   |





#67

Hexachlorobenzene

Concen: 48.981 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

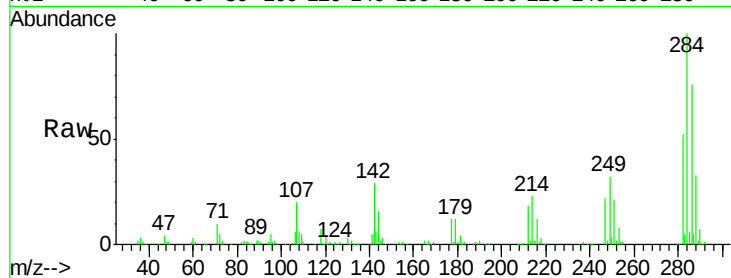
Tgt Ion:284 Resp: 174958

Ion Ratio Lower Upper

284 100

142 28.5 26.8 40.2

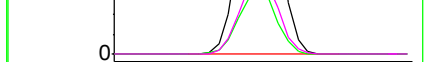
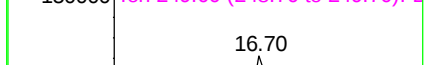
249 32.3 26.3 39.5



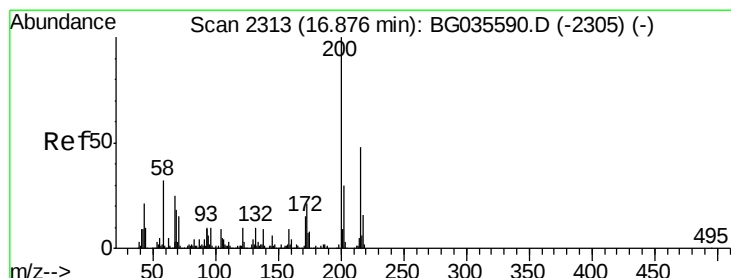
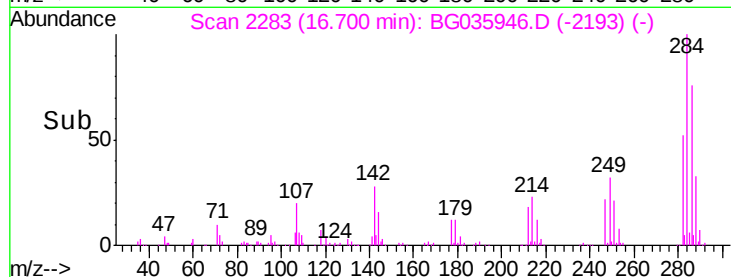
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#68

Atrazine

Concen: 49.986 ng

RT: 16.85 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

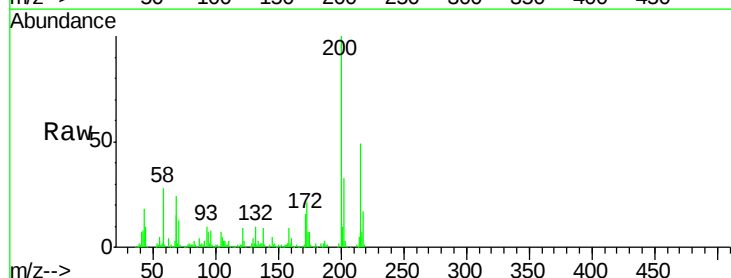
Tgt Ion:200 Resp: 175135

Ion Ratio Lower Upper

200 100

173 21.4 5.2 45.2

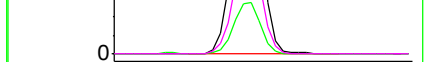
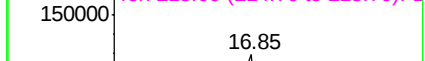
215 49.4 30.4 70.4



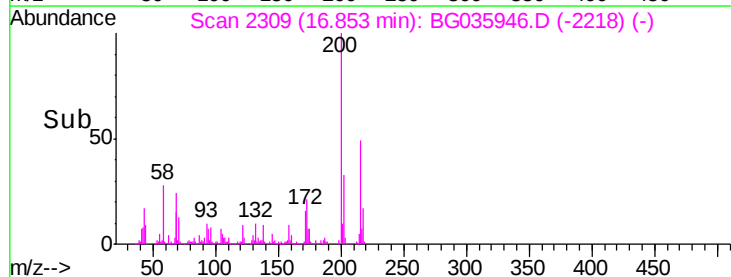
Abundance Ion 200.00 (199.70 to 200.70): E

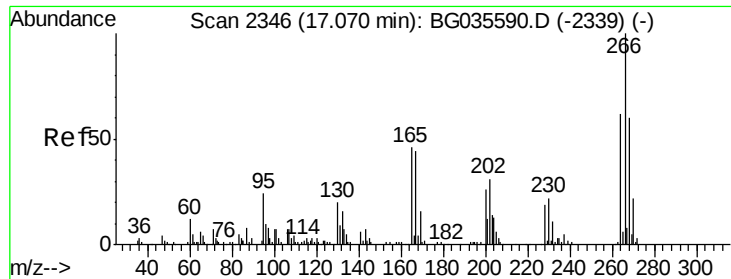
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



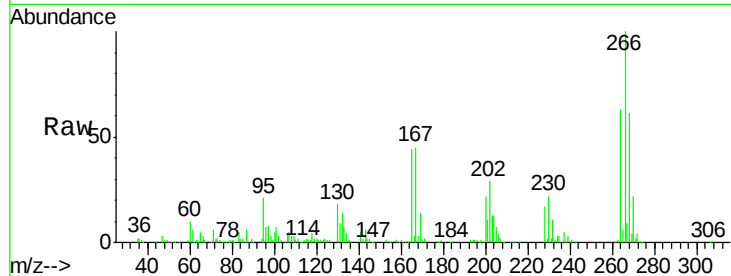
Time-->



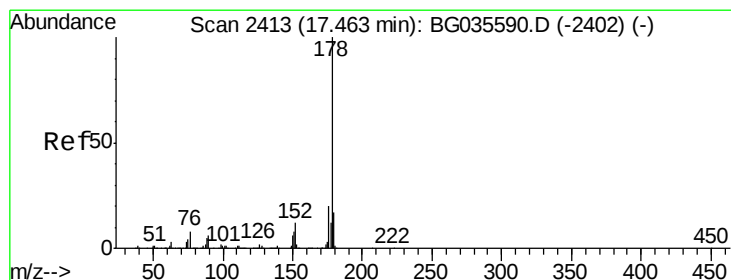
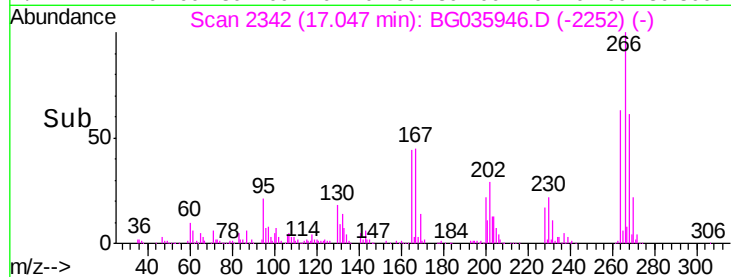
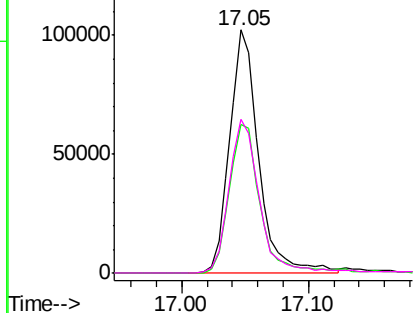


#69  
 Pentachlorophenol  
 Concen: 74.441 ng  
 RT: 17.05 min Scan# 2342  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.2  | 51.1  | 76.7  |
| 264     | 63.2  | 49.6  | 74.4  |

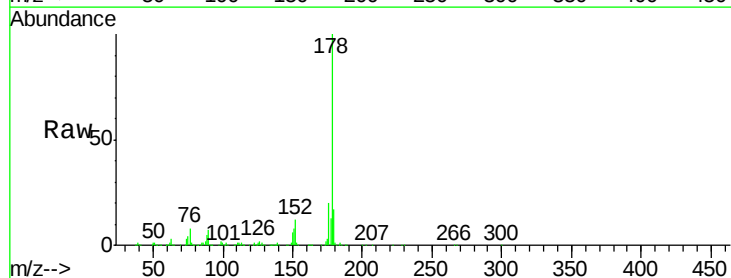


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

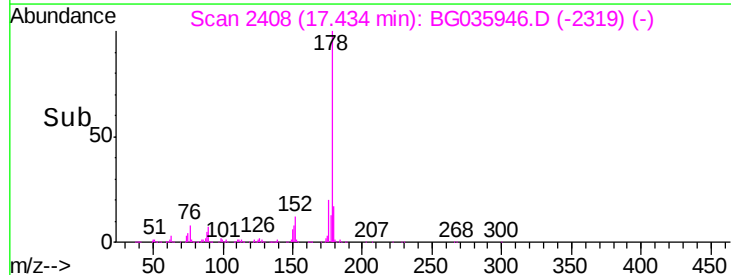
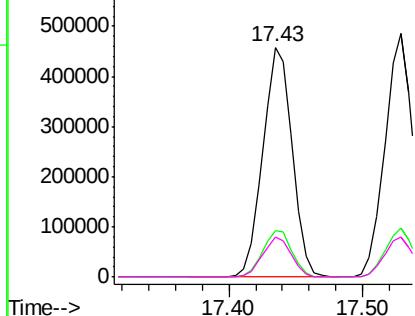


#70  
 Phenanthrene  
 Concen: 46.704 ng  
 RT: 17.43 min Scan# 2408  
 Delta R.T. -0.01 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 15.7  | 23.5  |
| 179     | 17.3  | 12.5  | 18.7  |



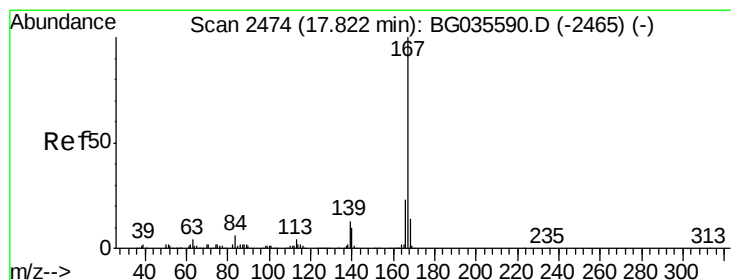
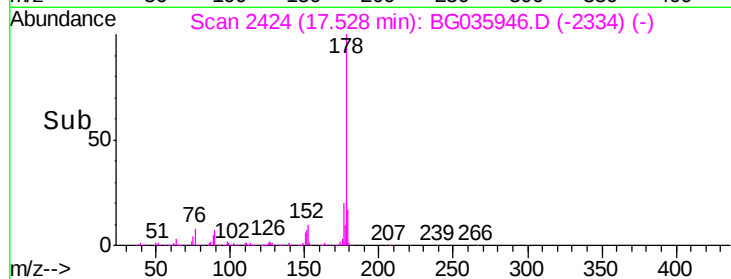
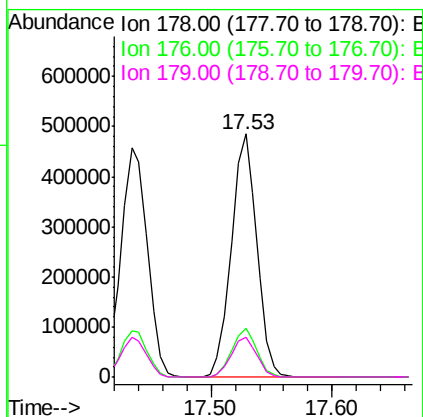
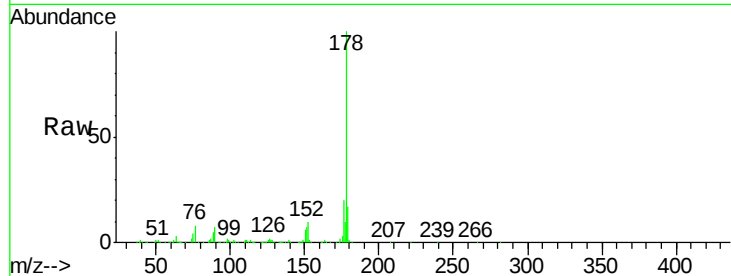
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





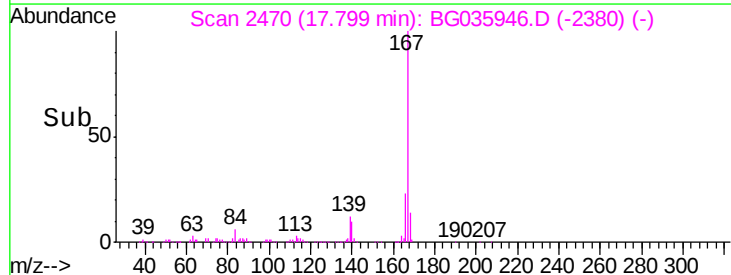
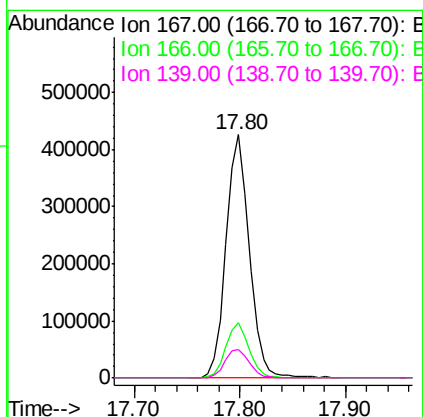
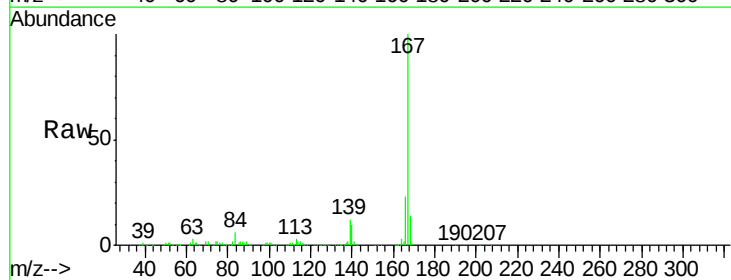
#71  
 Anthracene  
 Concen: 47.933 ng  
 RT: 17.53 min Scan# 2424  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

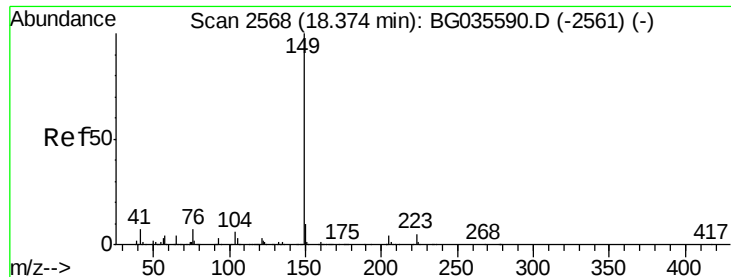
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 178   | Resp: | 712003 |
| Ion      | Ratio | Lower | Upper  |
| 178      | 100   |       |        |
| 176      | 20.1  | 16.0  | 24.0   |
| 179      | 16.5  | 12.5  | 18.7   |



#72  
 Carbazole  
 Concen: 46.235 ng  
 RT: 17.80 min Scan# 2470  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

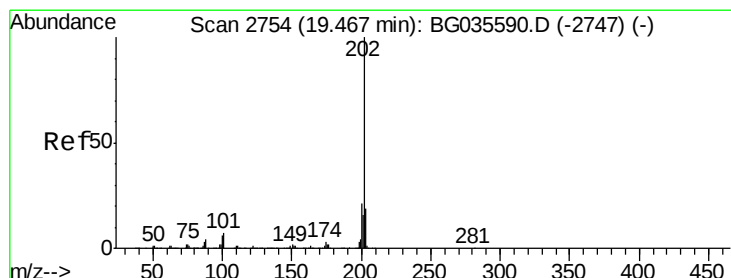
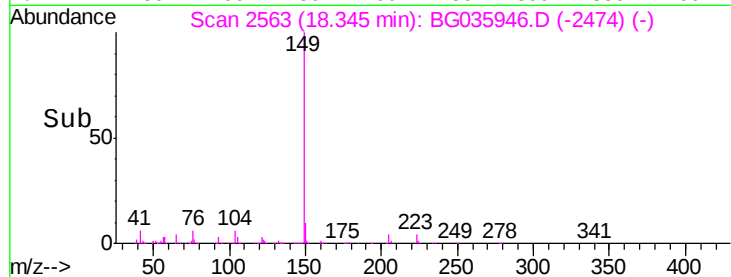
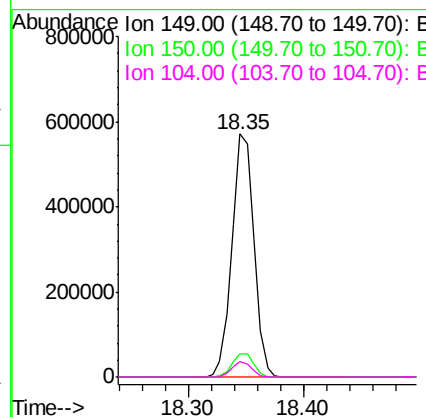
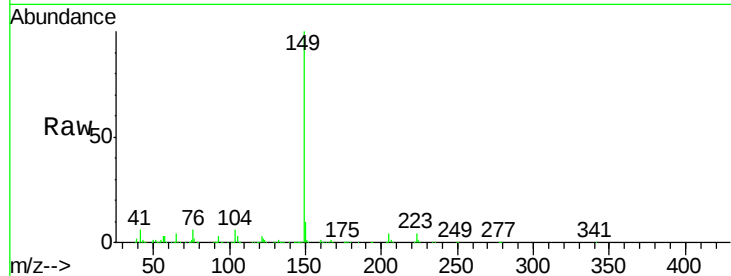
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 167   | Resp: | 652232 |
| Ion      | Ratio | Lower | Upper  |
| 167      | 100   |       |        |
| 166      | 22.6  | 18.2  | 27.4   |
| 139      | 11.9  | 9.4   | 14.2   |





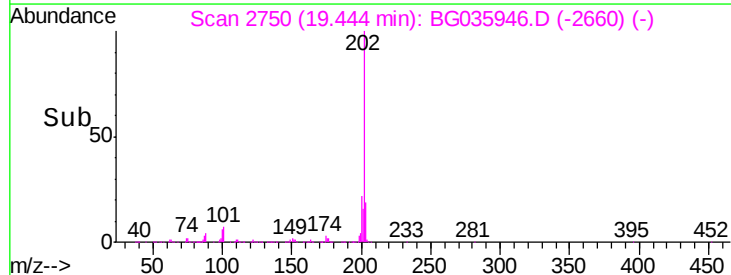
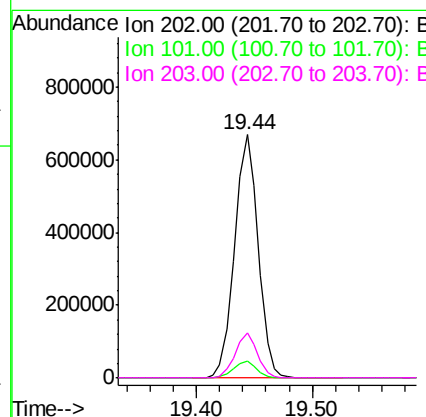
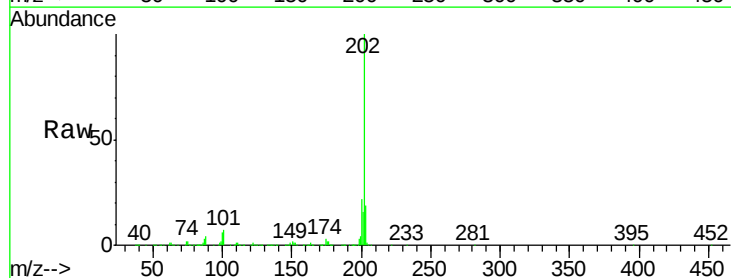
#73  
Di-n-butylphthalate  
Concen: 45.210 ng  
RT: 18.35 min Scan# 2563  
Delta R.T. -0.01 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

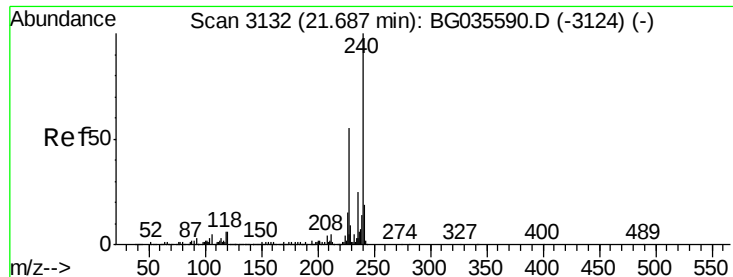
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 7.8   | 11.6  |
| 104     | 6.5   | 3.9   | 5.9   |



#74  
Fluoranthene  
Concen: 46.800 ng  
RT: 19.44 min Scan# 2750  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 6.9   | 0.0   | 28.9  |
| 203     | 18.7  | 0.0   | 37.5  |





#75

Chrysene-d12

Concen: 20.000 ng

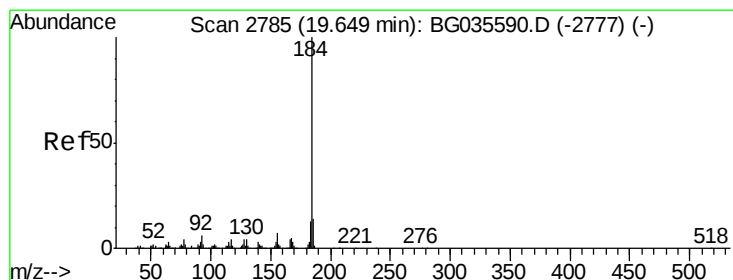
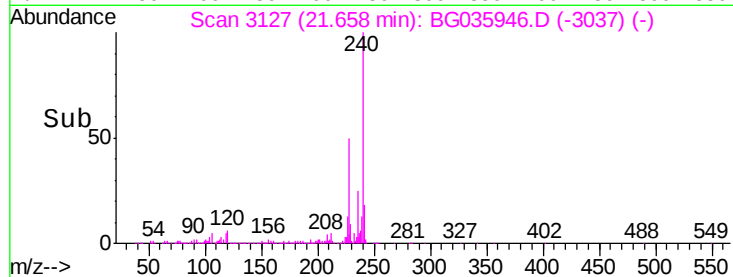
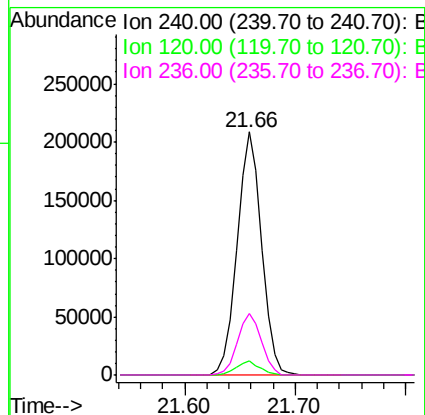
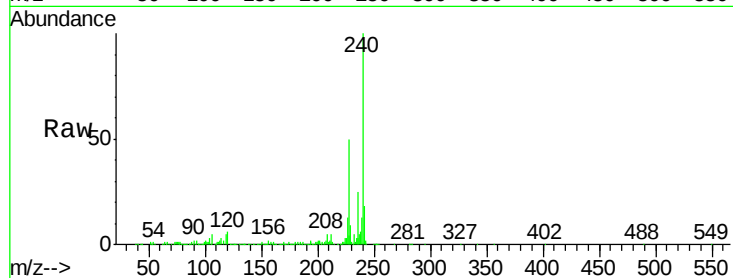
RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 324547 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 6.1   | 6.8   | 10.2#  |
| 236       | 25.3  | 20.9  | 31.3   |



#76

Benzidine

Concen: 37.804 ng

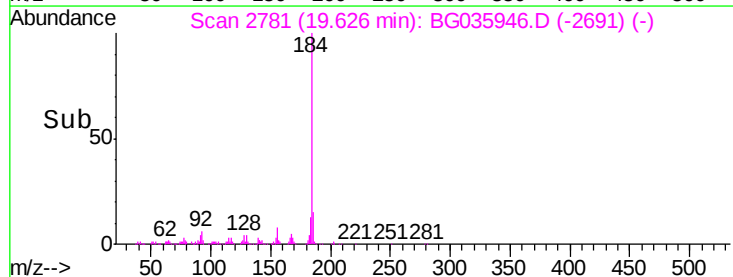
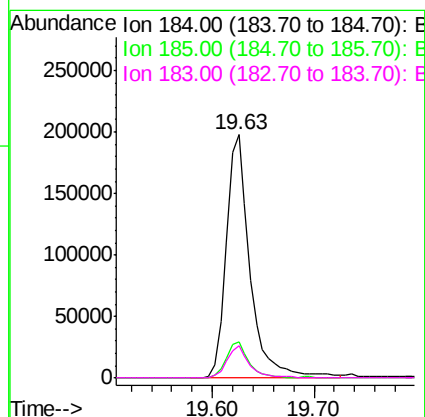
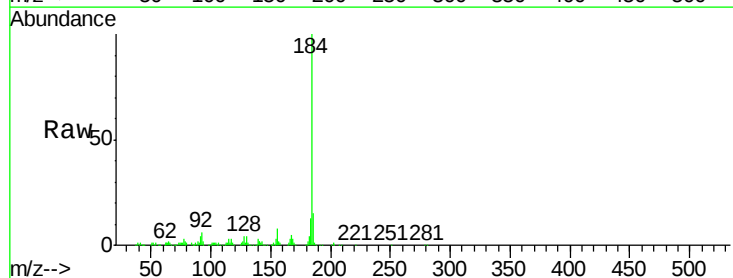
RT: 19.63 min Scan# 2781

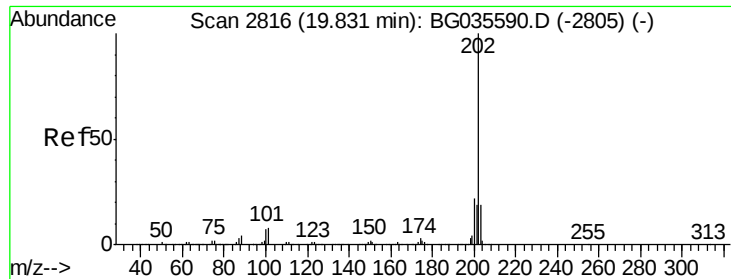
Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

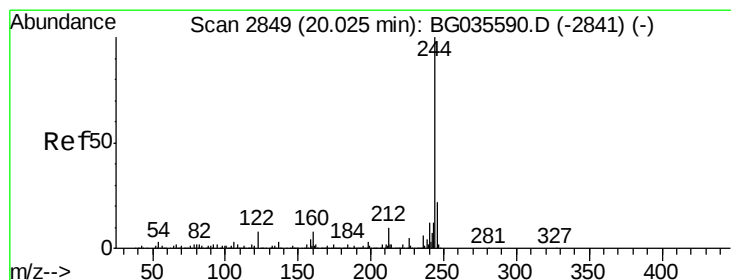
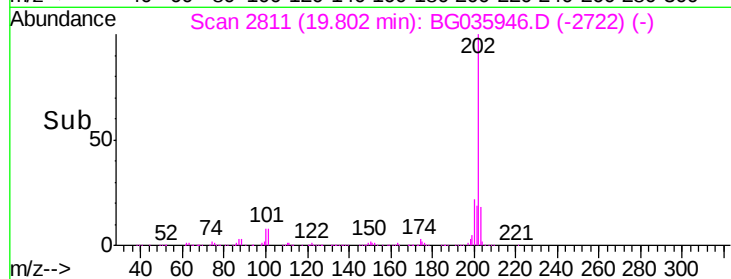
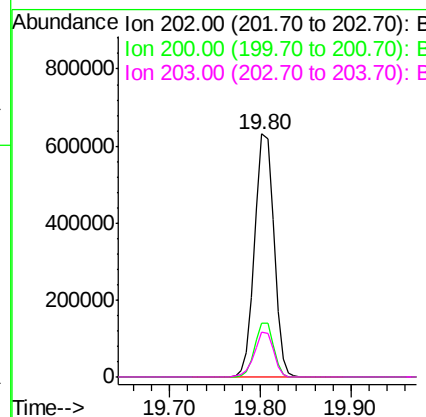
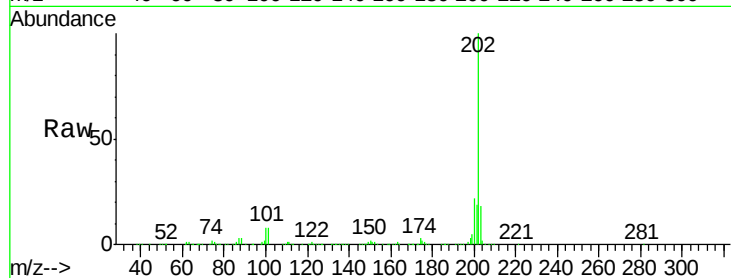
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 322563 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.1  | 11.1  | 16.7   |
| 183       | 13.2  | 10.6  | 16.0   |





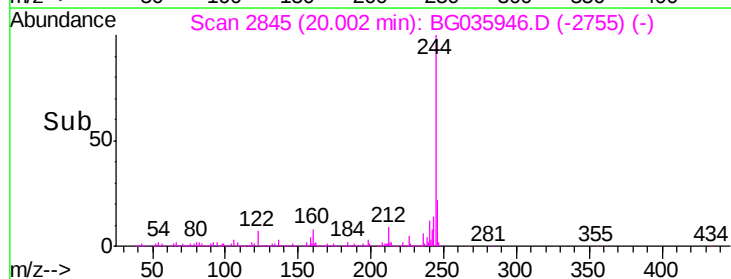
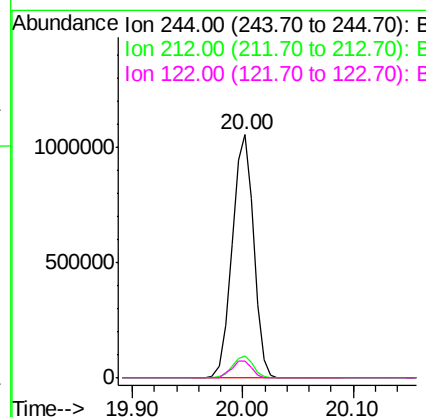
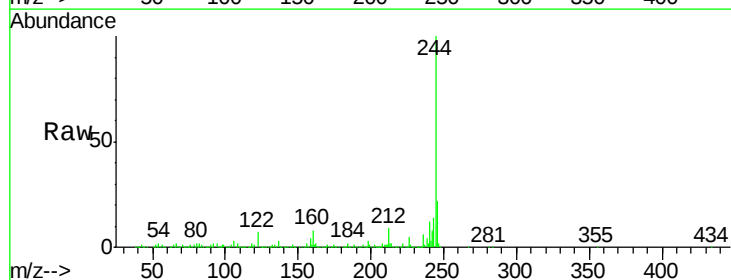
#77  
 Pyrene  
 Concen: 45.303 ng  
 RT: 19.80 min Scan# 2811  
 Delta R.T. -0.01 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

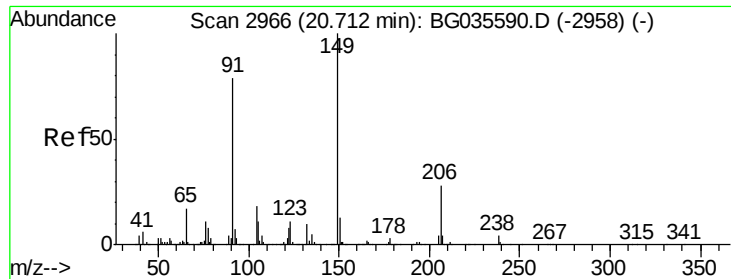
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 929683 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 22.1  | 16.9  | 25.3   |
| 203      | 18.3  | 13.9  | 20.9   |



#78  
 Terphenyl-d14  
 Concen: 97.712 ng  
 RT: 20.00 min Scan# 2845  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

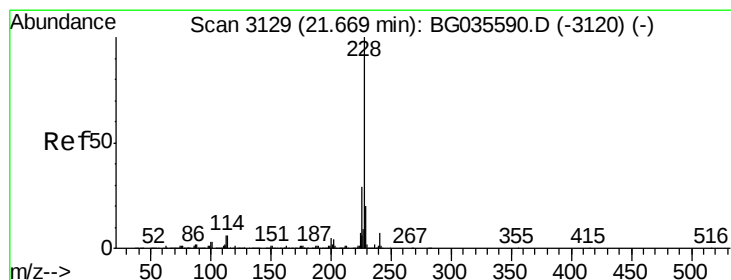
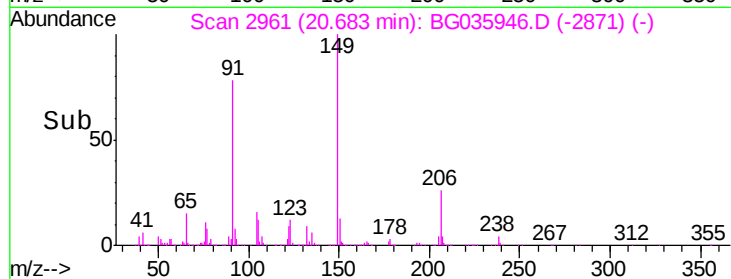
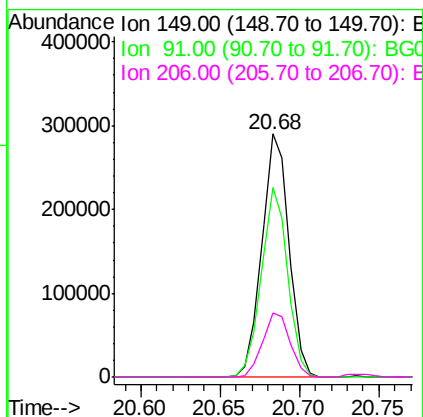
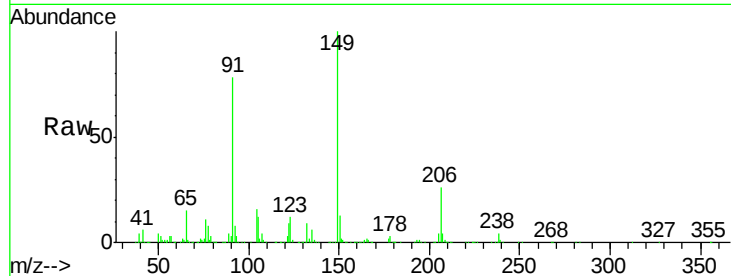
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 1438641 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 9.2   | 5.8   | 8.8#    |
| 122      | 7.1   | 7.0   | 10.4    |





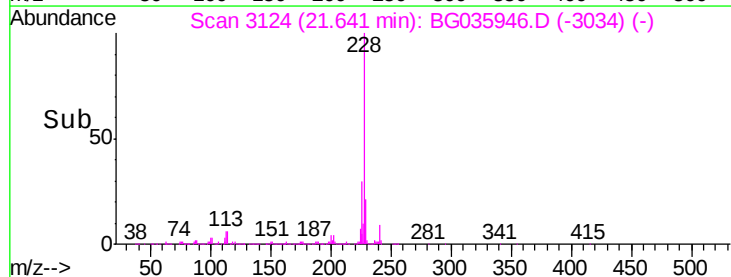
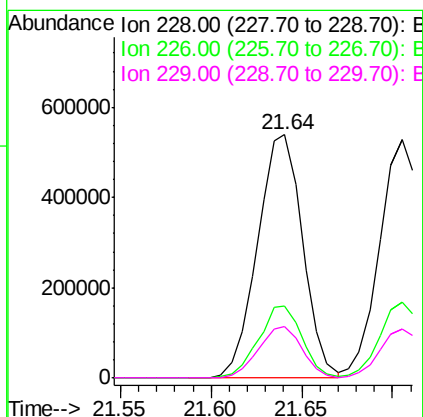
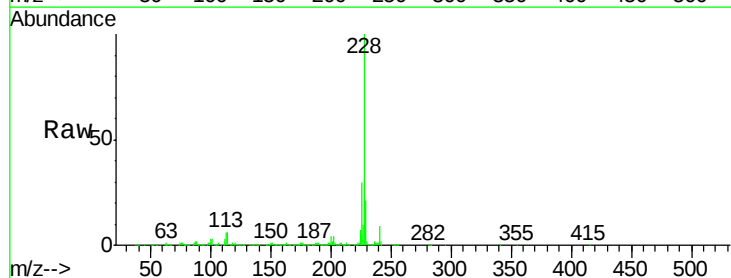
#79  
Butylbenzylphthalate  
Concen: 47.425 ng  
RT: 20.68 min Scan# 2961  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

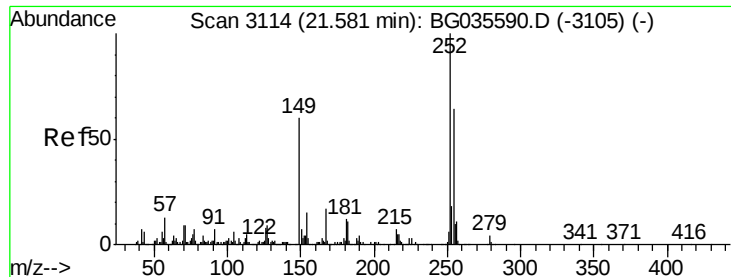
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 78.1  | 62.2  | 93.2  |
| 206     | 26.3  | 18.6  | 27.8  |



#80  
Benzo(a)anthracene  
Concen: 46.041 ng  
RT: 21.64 min Scan# 3124  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

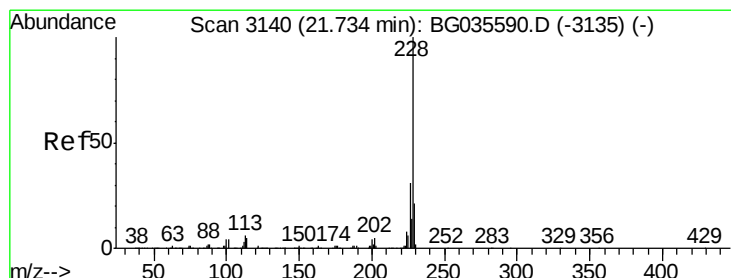
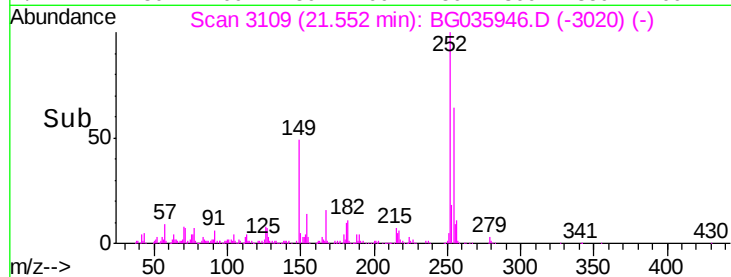
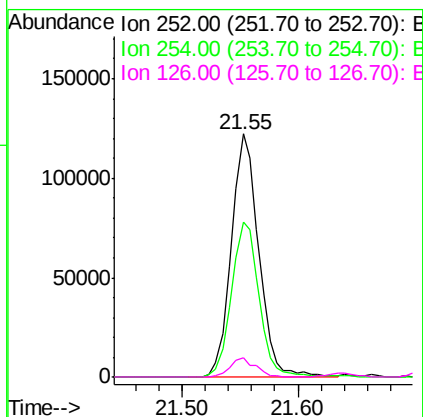
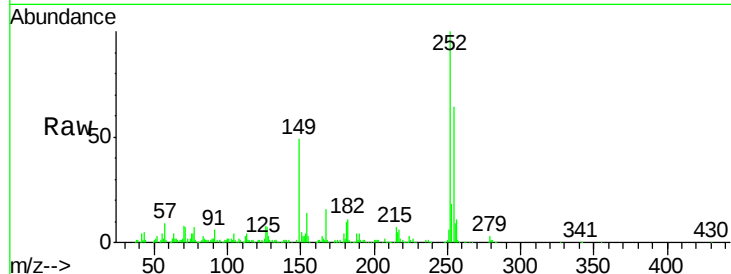
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.5  | 22.7  | 34.1  |
| 229     | 21.2  | 16.2  | 24.2  |





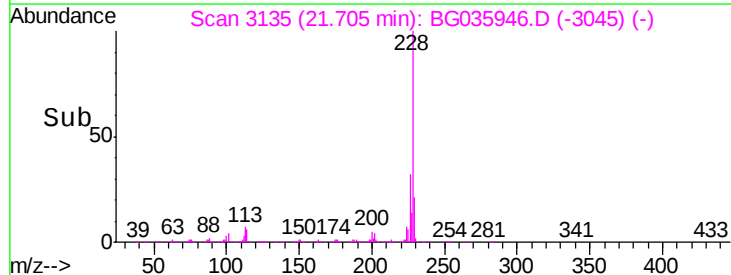
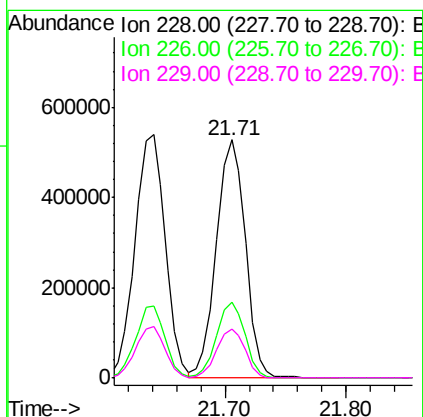
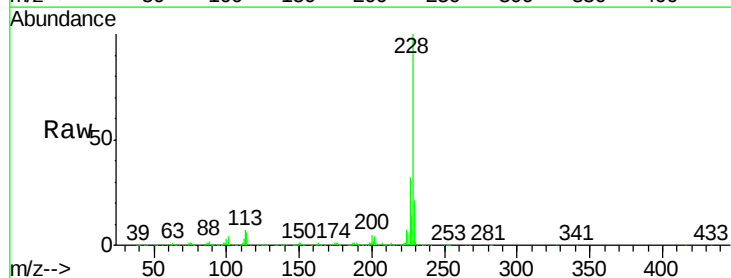
#81  
 3,3'-Dichlorobenzidine  
 Concen: 28.554 ng  
 RT: 21.55 min Scan# 3109  
 Delta R.T. -0.01 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

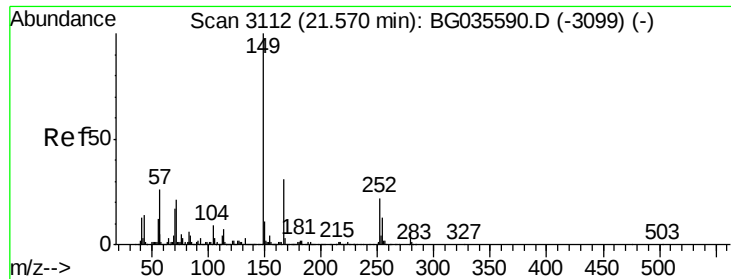
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 201362 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 63.6  | 50.8  | 76.2   |
| 126      | 7.9   | 7.4   | 11.2   |



#82  
 Chrysene  
 Concen: 46.675 ng  
 RT: 21.71 min Scan# 3135  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 874769 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 32.1  | 24.9  | 37.3   |
| 229      | 20.8  | 15.0  | 22.4   |





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.633 ng

RT: 21.53 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

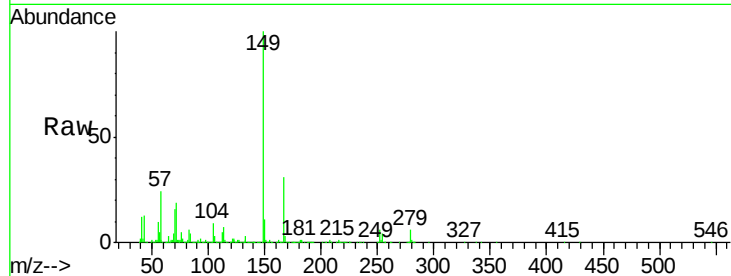
Tgt Ion:149 Resp: 475223

Ion Ratio Lower Upper

149 100

167 30.7 24.3 36.5

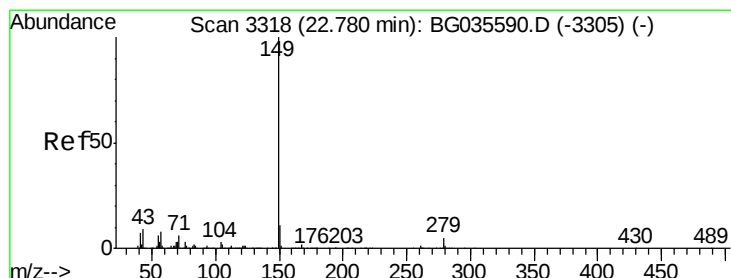
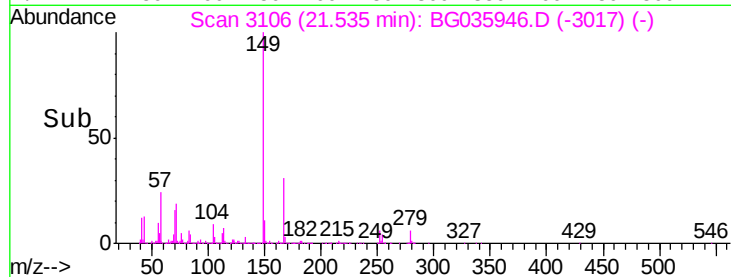
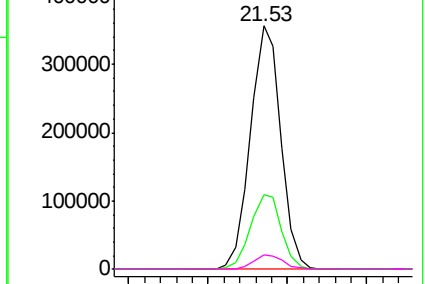
279 5.8 4.0 6.0



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: 48.783 ng

RT: 22.74 min Scan# 3311

Delta R.T. -0.00 min

Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

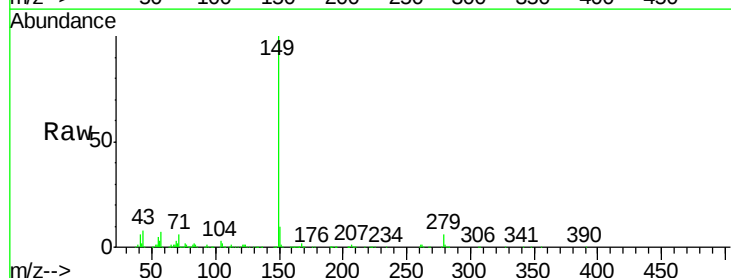
Tgt Ion:149 Resp: 814917

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

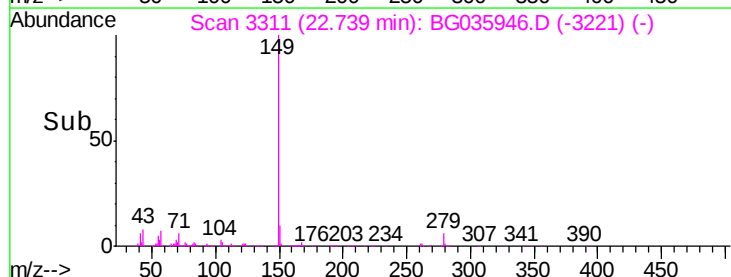
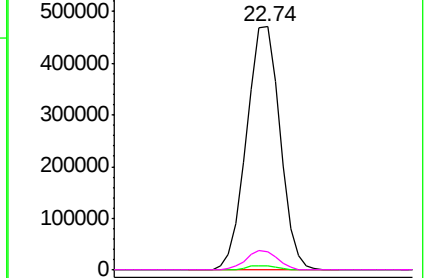
43 7.9 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

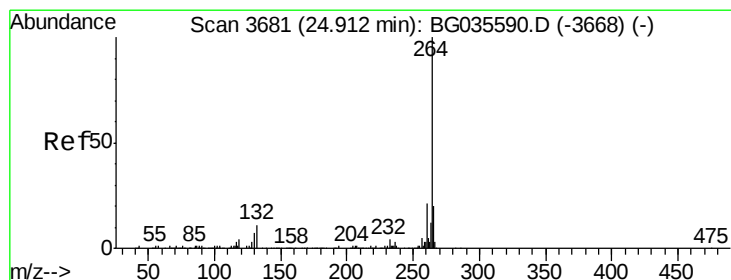
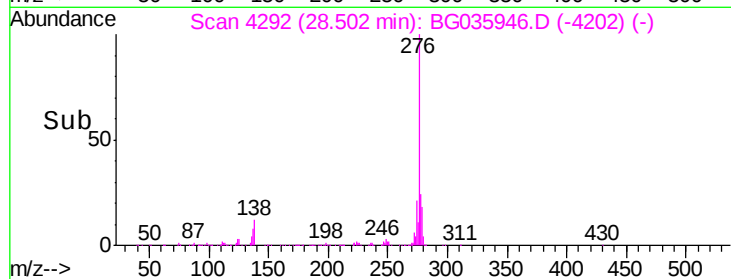
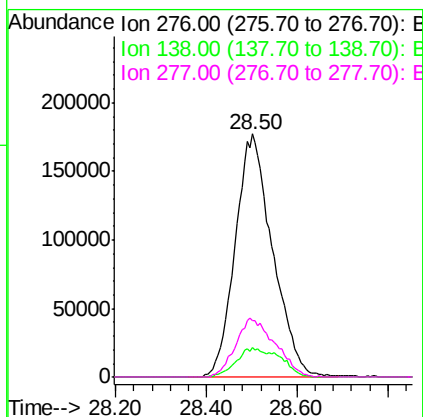
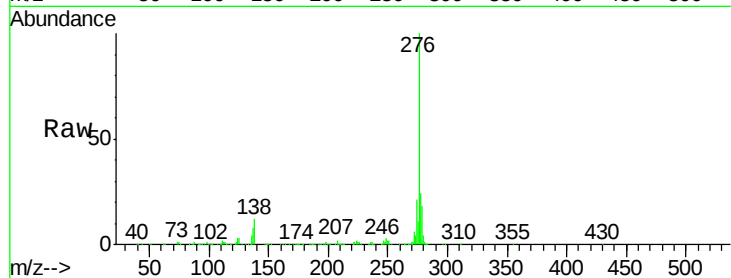
Ion 43.00 (42.70 to 43.70): BG





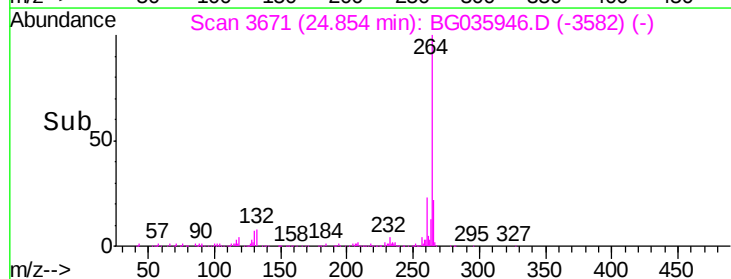
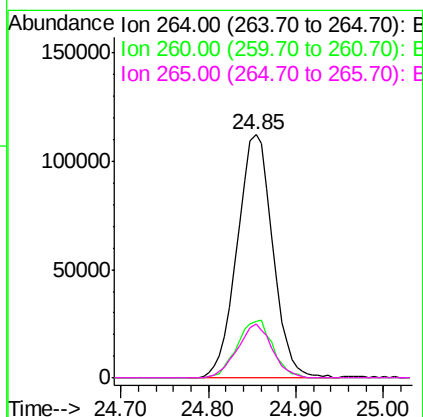
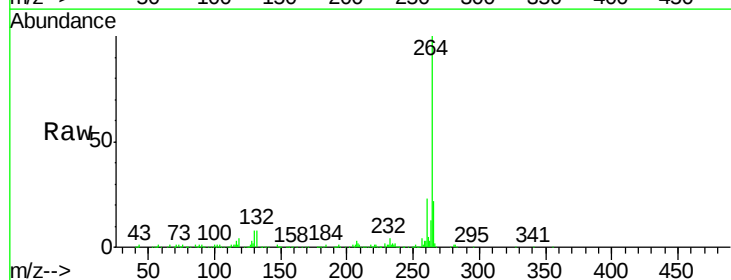
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.935 ng  
 RT: 28.50 min Scan# 4292  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

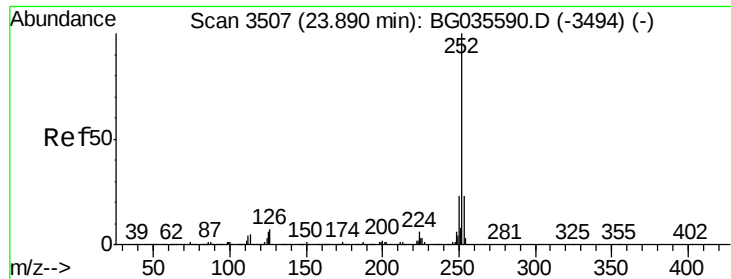
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 14.4  | 16.0  | 24.0# |
| 277     | 25.8  | 20.0  | 30.0  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.85 min Scan# 3671  
 Delta R.T. -0.01 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

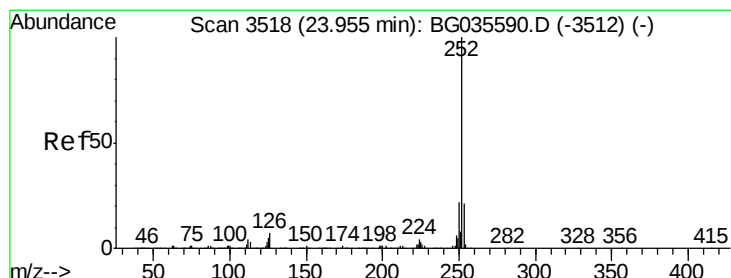
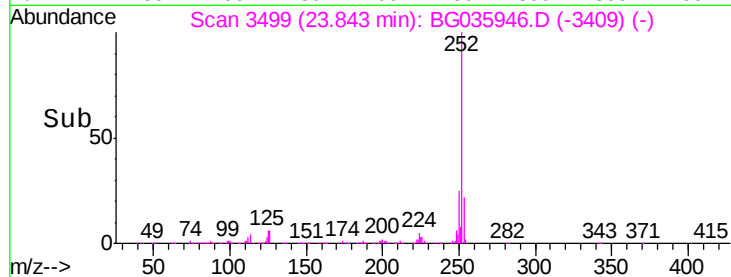
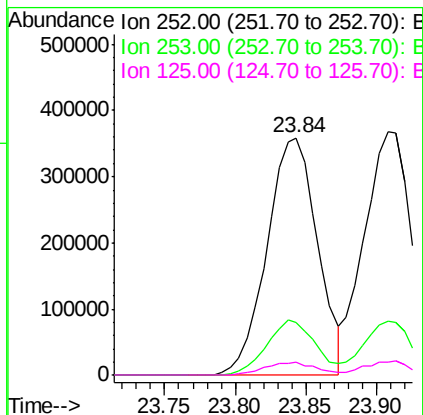
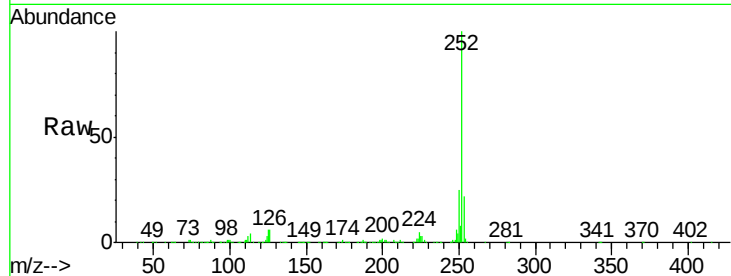
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 17.4  | 26.0  |
| 265     | 22.3  | 17.7  | 26.5  |





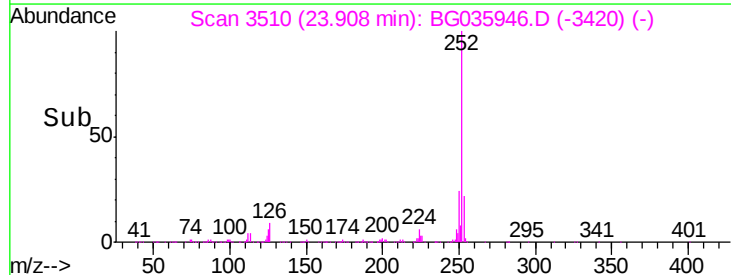
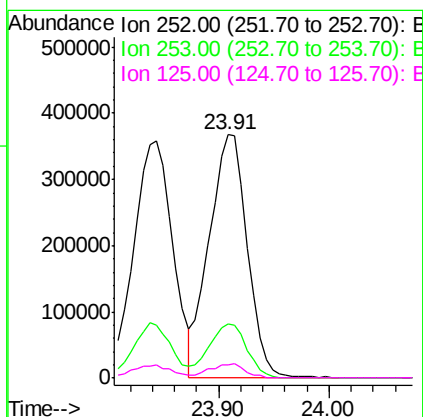
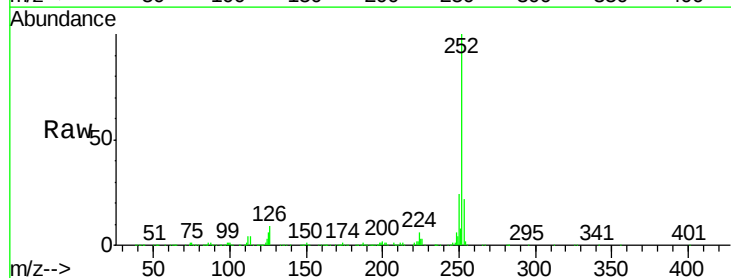
#87  
Benzo(b)fluoranthene  
Concen: 47.650 ng  
RT: 23.84 min Scan# 3499  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.2  | 27.4  |
| 125     | 5.7   | 7.2   | 10.8  |



#88  
Benzo(k)fluoranthene  
Concen: 47.601 ng  
RT: 23.91 min Scan# 3510  
Delta R.T. -0.00 min  
Lab File: BG035946.D  
Acq: 27 Jul 2018 20:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.4  | 26.2  |
| 125     | 5.6   | 6.6   | 9.8   |





#89

Benzo(a)pyrene

Concen: 50.017 ng

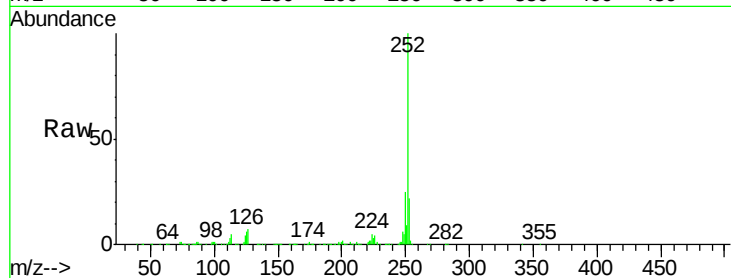
RT: 24.71 min Scan# 3646

Delta R.T. -0.00 min

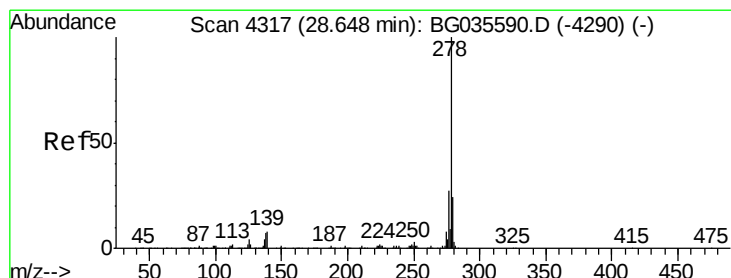
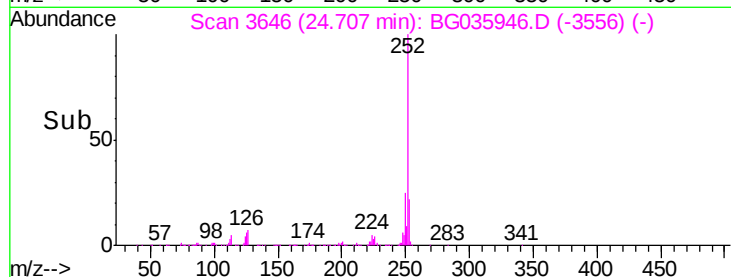
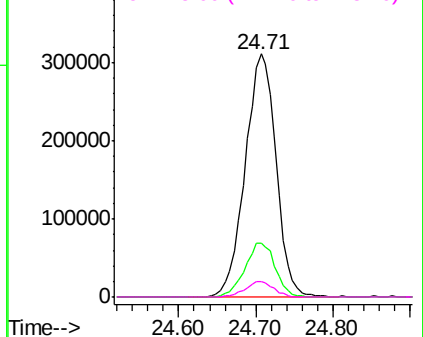
Lab File: BG035946.D

Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 874588 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 22.2  | 18.3  | 27.5   |
| 125      | 6.2   | 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: 49.176 ng

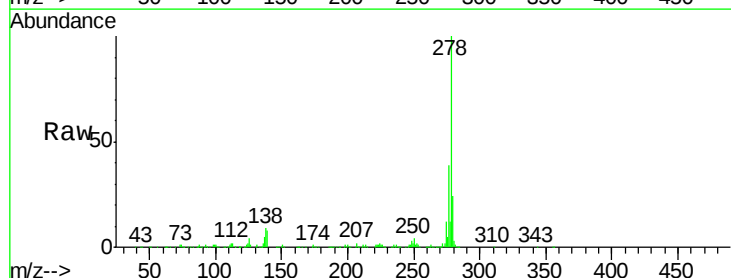
RT: 28.55 min Scan# 4301

Delta R.T. -0.01 min

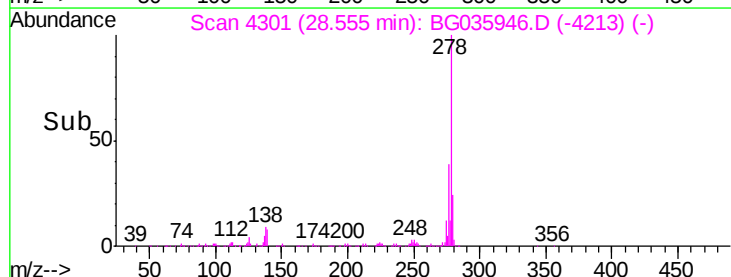
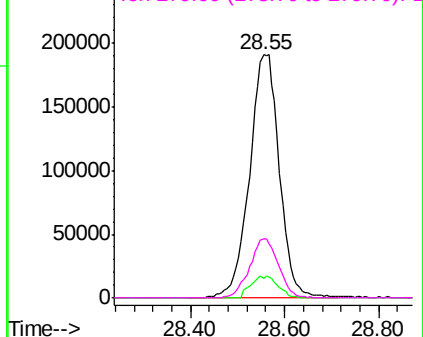
Lab File: BG035946.D

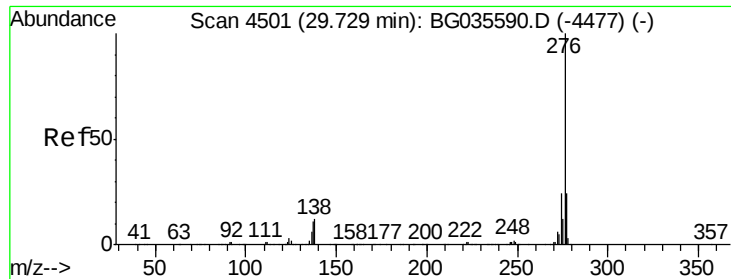
Acq: 27 Jul 2018 20:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 278   | Resp: | 844197 |
| Ion      | Ratio | Lower | Upper  |
| 278      | 100   |       |        |
| 139      | 8.0   | 9.8   | 14.6#  |
| 279      | 24.4  | 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: 50.175 ng  
 RT: 29.64 min Scan# 4485  
 Delta R.T. -0.00 min  
 Lab File: BG035946.D  
 Acq: 27 Jul 2018 20:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.7  | 18.3  | 27.5  |
| 138     | 11.4  | 13.9  | 20.9  |

