

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\  
 Data File : BG044350.D  
 Acq On : 8 Feb 2020 00:50  
 Operator : CG/JU  
 Sample : PB126664BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 08 02:36:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 30 16:05:09 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.91  | 152  | 108495   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.71 | 136  | 455574   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.55 | 164  | 262226   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.29 | 188  | 568648   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.54 | 240  | 553638   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.63 | 264  | 399599   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.50  | 112 | 789212  | 128.38 | ng | 0.00 |
| 7) Phenol-d6             | 7.09  | 99  | 1059975 | 128.40 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.07  | 82  | 615742  | 76.30  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.04 | 330 | 381224  | 123.84 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.17 | 172 | 1314112 | 83.92  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.91 | 244 | 1786283 | 66.36  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.38  | 88  | 86354  | 31.264 | ng | 98     |
| 3) Pyridine                    | 3.78  | 79  | 222034 | 30.173 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.69  | 42  | 115305 | 37.497 | ng | 97     |
| 6) Aniline                     | 7.24  | 93  | 248523 | 24.253 | ng | 100    |
| 8) 2-Chlorophenol              | 7.48  | 128 | 289681 | 42.875 | ng | 99     |
| 10) Phenol                     | 7.12  | 94  | 354709 | 43.416 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.33  | 93  | 272187 | 38.969 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.80  | 146 | 293182 | 36.344 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.95  | 146 | 298318 | 37.338 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.27  | 146 | 285394 | 37.791 | ng | 99     |
| 15) Benzyl Alcohol             | 8.15  | 79  | 246345 | 42.150 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.45  | 45  | 370978 | 39.241 | ng | 99     |
| 17) 2-Methylphenol             | 8.36  | 107 | 249524 | 42.807 | ng | 98     |
| 18) Hexachloroethane           | 9.00  | 117 | 110512 | 36.860 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.72  | 70  | 212354 | 38.598 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.69  | 107 | 339490 | 42.260 | ng | 99     |
| 22) Acetophenone               | 8.73  | 105 | 408179 | 36.830 | ng | 100    |
| 24) Nitrobenzene               | 9.11  | 77  | 302902 | 38.450 | ng | 99     |
| 25) Isophorone                 | 9.64  | 82  | 576091 | 38.303 | ng | 99     |
| 26) 2-Nitrophenol              | 9.82  | 139 | 168762 | 41.285 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.89  | 122 | 267031 | 46.277 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 10.12 | 93  | 369014 | 36.778 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.36 | 162 | 285011 | 40.849 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 10.58 | 180 | 295997 | 36.998 | ng | 99     |
| 31) Naphthalene                | 10.76 | 128 | 847742 | 38.354 | ng | 100    |
| 32) Benzoic acid               | 10.06 | 122 | 159282 | 43.706 | ng | 93     |
| 33) 4-Chloroaniline            | 10.87 | 127 | 196158 | 19.513 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.05 | 225 | 174425 | 35.432 | ng | 99     |
| 35) Caprolactam                | 11.64 | 113 | 44367  | 17.359 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.00 | 107 | 292275 | 39.954 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.37 | 142 | 631590 | 38.486 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.59 | 142 | 600614 | 38.819 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.75 | 216 | 318471 | 40.600 | ng | 98     |
| 41) Hexachlorocyclopentadiene  | 12.73 | 237 | 218592 | 58.077 | ng | 99     |

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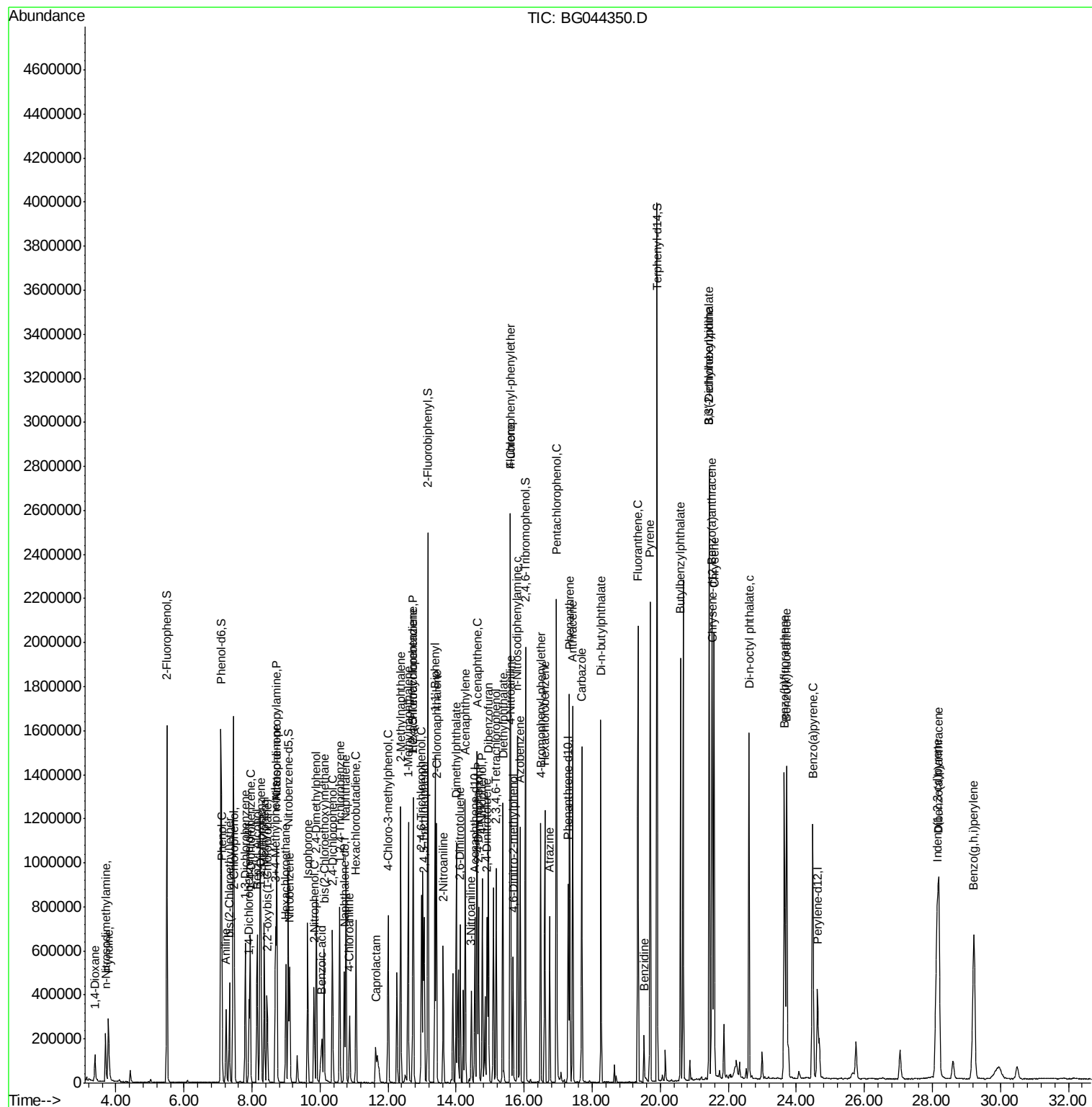
Quant Time: Feb 08 02:36:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
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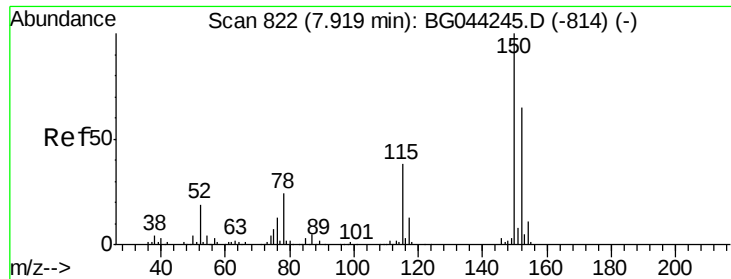
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 43) 2,4,6-Trichlorophenol      | 12.98 | 196  | 223168   | 44.016  | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.06 | 196  | 233019   | 44.996  | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.38 | 154  | 790319   | 41.783  | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.42 | 162  | 609138   | 40.471  | nq    | 99       |
| 48) 2-Nitroaniline             | 13.62 | 65   | 176728   | 39.786  | nq    | 99       |
| 49) Acenaphthylene             | 14.27 | 152  | 929259   | 42.093  | nq    | 100      |
| 50) Dimethylphthalate          | 14.00 | 163  | 758617   | 40.246  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.12 | 165  | 176796   | 42.066  | nq    | 99       |
| 52) Acenaphthene               | 14.61 | 154  | 585269   | 40.902  | nq    | 99       |
| 53) 3-Nitroaniline             | 14.45 | 138  | 122153   | 26.271  | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 14.66 | 184  | 209285   | 83.653  | nq    | 98       |
| 55) Dibenzofuran               | 14.95 | 168  | 900415   | 41.561  | nq    | 100      |
| 56) 4-Nitrophenol              | 14.77 | 139  | 294970   | 86.603  | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.91 | 165  | 240748   | 40.870  | nq    | 99       |
| 58) Fluorene                   | 15.60 | 166  | 712215   | 41.738  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.18 | 232  | 210157   | 44.927  | nq    | 98       |
| 60) Diethylphthalate           | 15.37 | 149  | 757616   | 40.337  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.59 | 204  | 375264   | 40.560  | nq    | 98       |
| 62) 4-Nitroaniline             | 15.61 | 138  | 168784   | 36.327  | nq    | 98       |
| 63) Azobenzene                 | 15.88 | 77   | 674222   | 40.958  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.68 | 198  | 149179   | 47.525  | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.80 | 169  | 652639   | 40.954  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.48 | 248  | 245244   | 39.585  | nq    | 98       |
| 68) Hexachlorobenzene          | 16.61 | 284  | 263754   | 38.000  | nq    | 99       |
| 69) Atrazine                   | 16.75 | 200  | 143953   | 26.355  | nq    | 98       |
| 70) Pentachlorophenol          | 16.95 | 266  | 454019   | 127.416 | nq    | 96       |
| 71) Phenanthrene               | 17.33 | 178  | 1104624  | 40.116  | nq    | 99       |
| 72) Anthracene                 | 17.42 | 178  | 1095538  | 40.242  | nq    | 100      |
| 73) Carbazole                  | 17.69 | 167  | 1017903  | 40.559  | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.26 | 149  | 1252065  | 40.371  | nq    | 100      |
| 75) Fluoranthene               | 19.34 | 202  | 1297931  | 40.746  | nq    | 100      |
| 77) Benzidine                  | 19.52 | 184  | 157082   | 10.229  | nq    | 98       |
| 78) Pyrene                     | 19.70 | 202  | 1303009  | 36.648  | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.60 | 149  | 592381   | 36.561  | nq    | 100      |
| 81) Benzo(a)anthracene         | 21.52 | 228  | 1249597  | 36.622  | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.44 | 252  | 368046   | 27.792  | nq    | 99       |
| 83) Chrysene                   | 21.58 | 228  | 1172721  | 35.557  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.44 | 149  | 801372   | 35.933  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.61 | 149  | 1425573  | 36.944  | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.13 | 276  | 1503190  | 34.934  | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 23.65 | 252  | 1338509  | 58.130  | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 23.72 | 252  | 1258387  | 56.072  | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.49 | 252  | 1258505  | 57.806  | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.19 | 278  | 1253534  | 58.179  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.22 | 276  | 1261519  | 58.487  | nq    | 99       |

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

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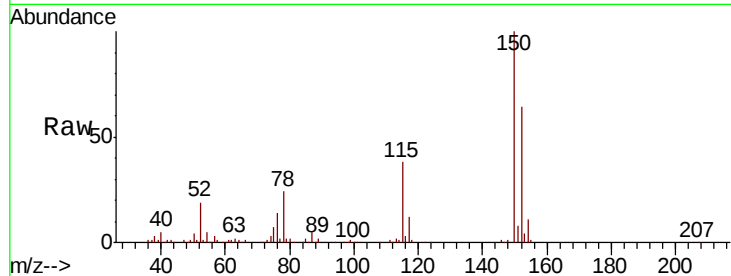




#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.91 min Scan# 821  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.5 | 122.6 | 183.8 |
| 115     | 58.7  | 46.0  | 69.0  |

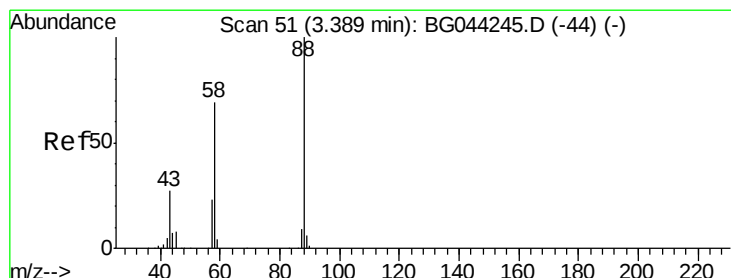
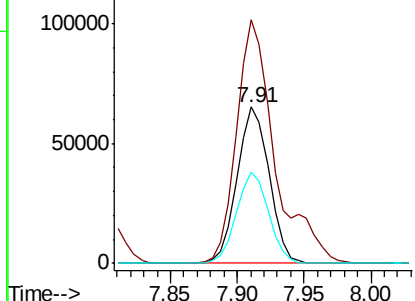
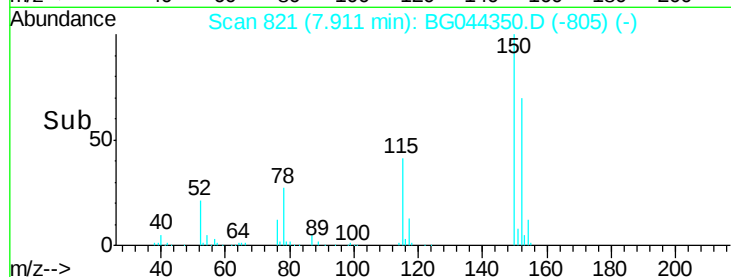


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

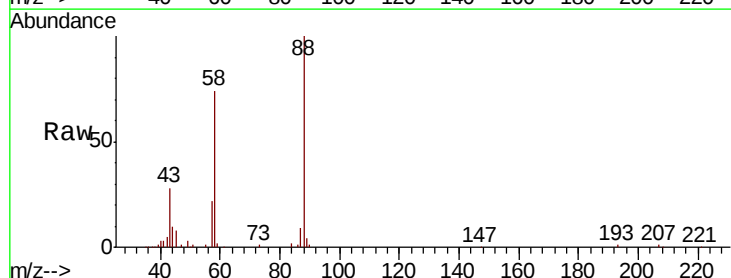
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 31.264 ng  
RT: 3.38 min Scan# 50  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.4  | 55.8  | 83.6  |
| 43      | 26.9  | 21.6  | 32.4  |

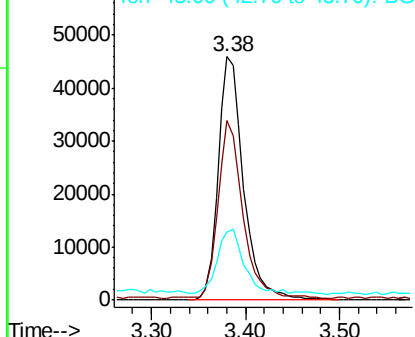
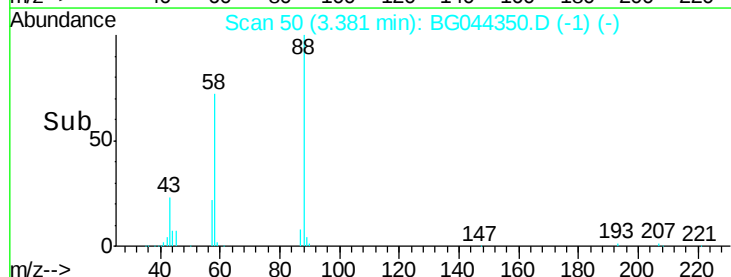


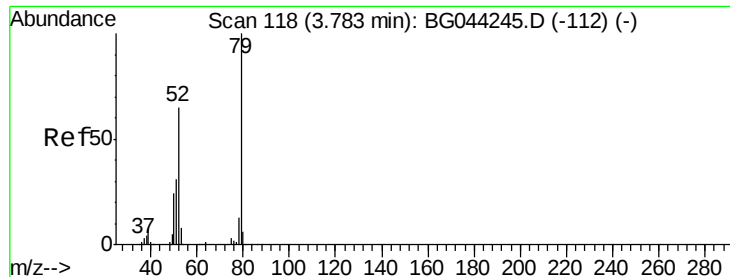
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.173 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

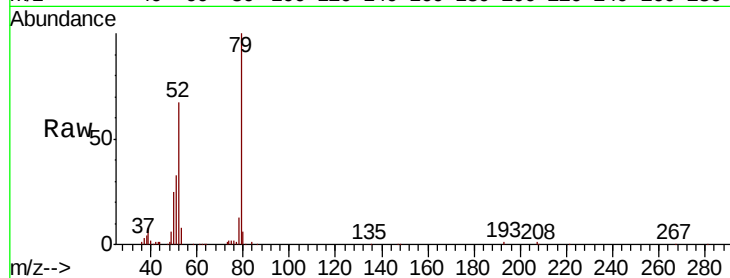
Tot Ion: 79 Resp: 222034

Ion Ratio Lower Upper

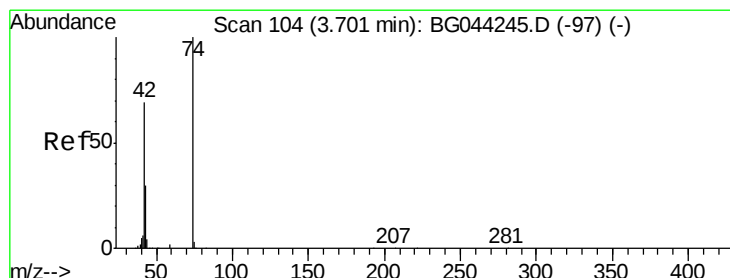
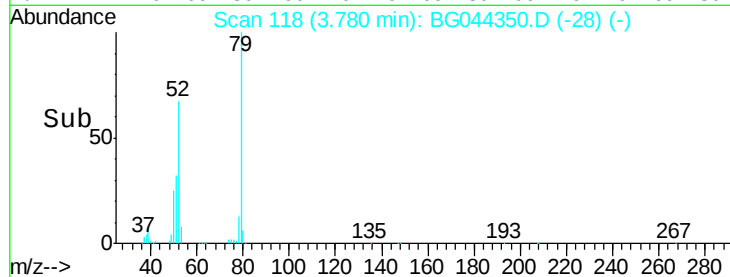
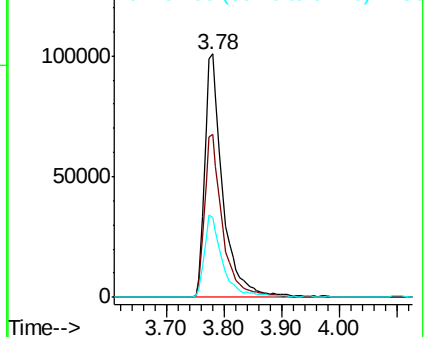
79 100

52 67.0 51.9 77.9

51 32.6 25.3 37.9



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: 37.497 ng

RT: 3.69 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

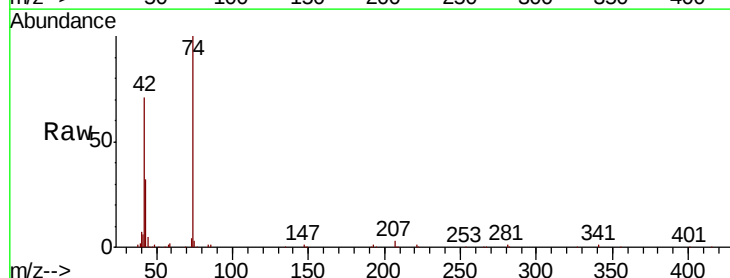
Tgt Ion: 42 Resp: 115305

Ion Ratio Lower Upper

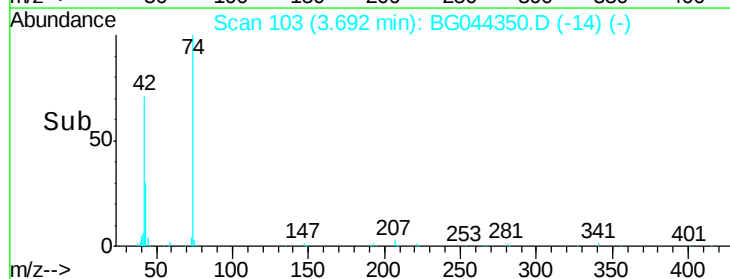
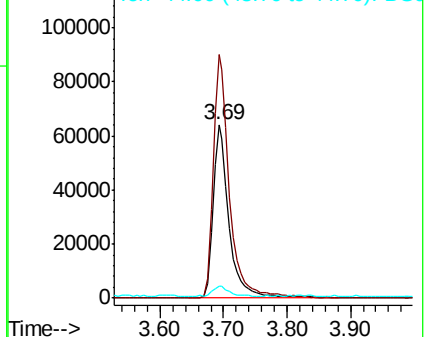
42 100

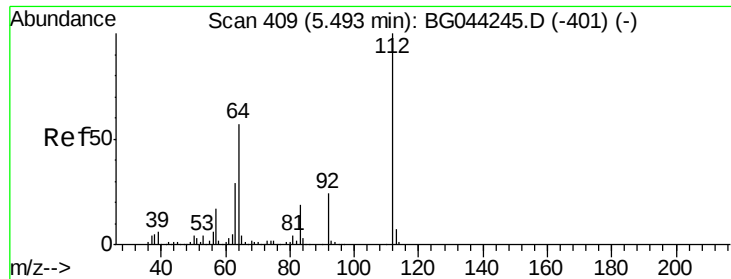
74 140.5 115.1 172.7

44 7.2 5.6 8.4



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





#5

2-Fluorophenol

Concen: 128.378 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

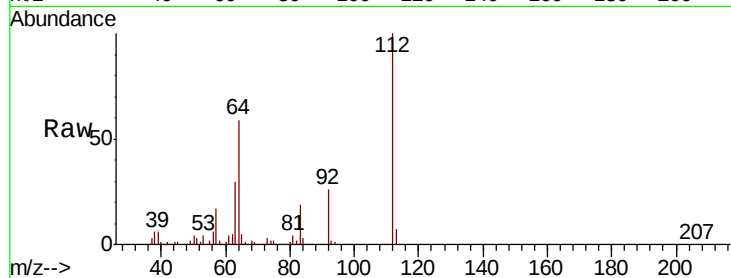
Tot Ion:112 Resp: 789212

Ion Ratio Lower Upper

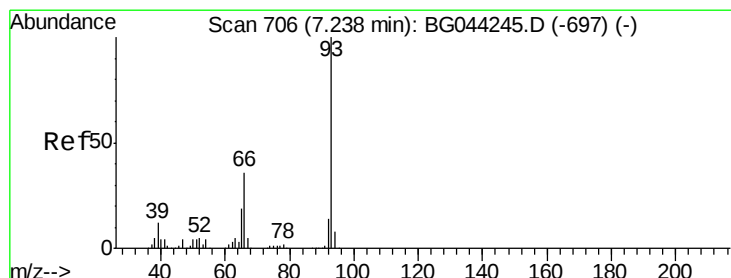
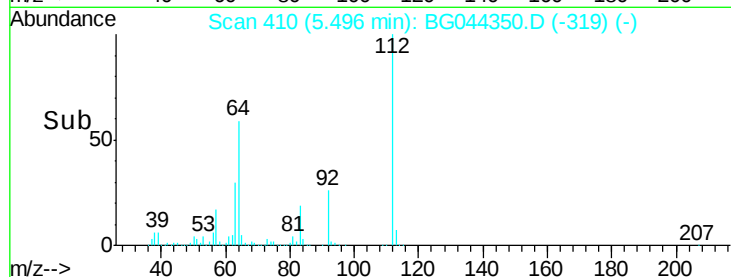
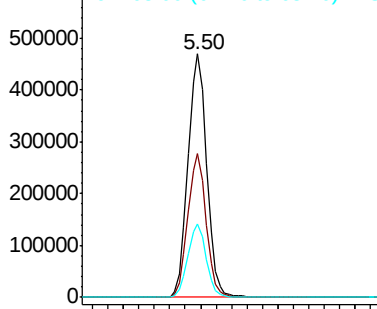
112 100

64 59.1 45.4 68.2

63 30.2 22.9 34.3



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



#6

Aniline

Concen: 24.253 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

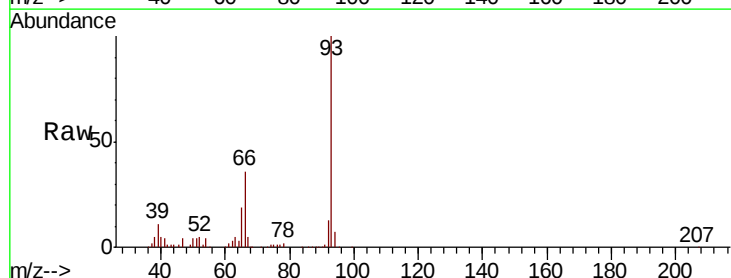
Tgt Ion: 93 Resp: 248523

Ion Ratio Lower Upper

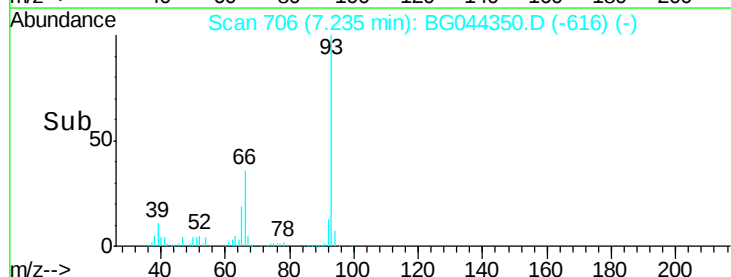
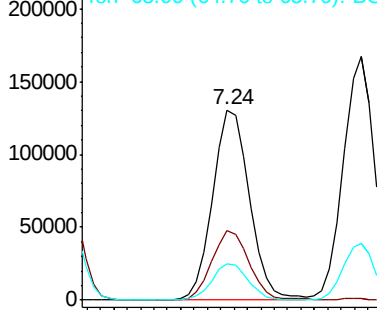
93 100

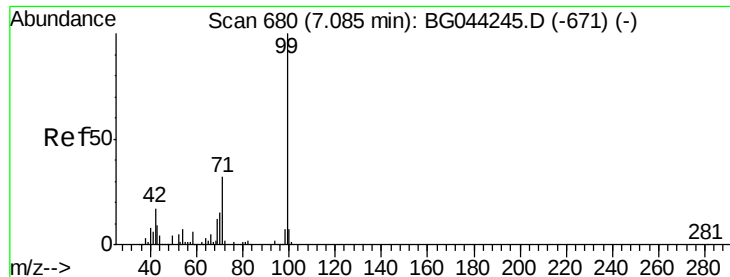
66 36.3 28.7 43.1

65 19.2 15.4 23.0



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: 128.400 ng

RT: 7.09 min Scan# 681

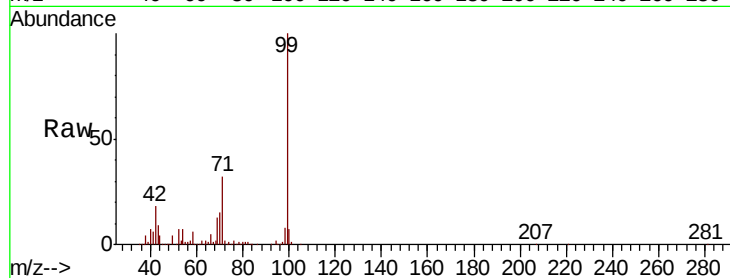
Delta R.T. 0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tot Ion: 99 Resp: 1059975

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.6  | 13.8  | 20.6  |
| 71  | 32.4  | 25.5  | 38.3  |

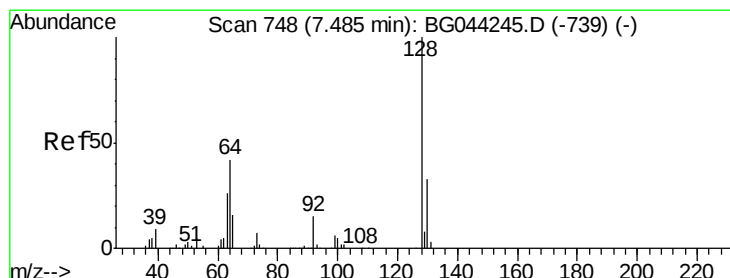
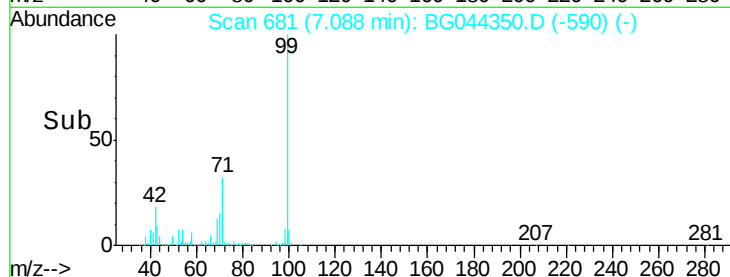
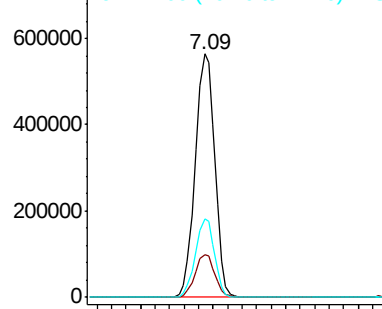


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.875 ng

RT: 7.48 min Scan# 748

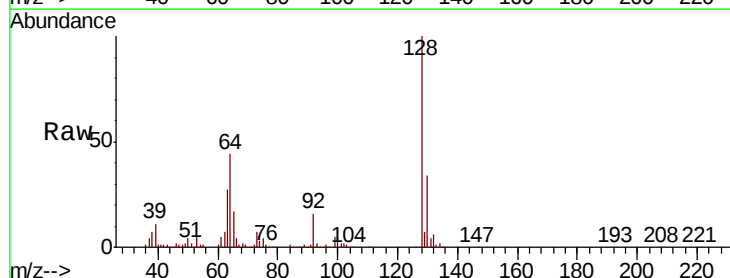
Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tgt Ion: 128 Resp: 289681

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.6  | 12.5  | 52.5  |
| 64  | 43.6  | 24.2  | 64.2  |

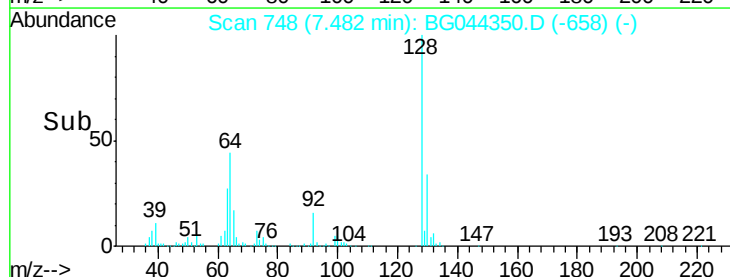
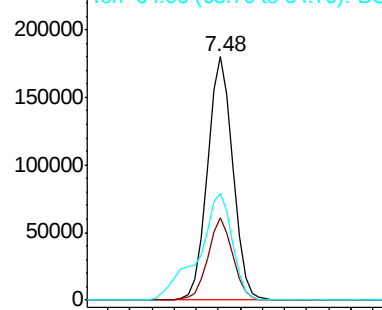


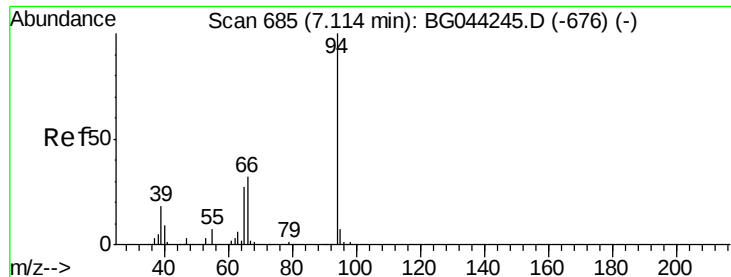
Abundance

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





#10

Phenol

Concen: 43.416 ng

RT: 7.12 min Scan# 686

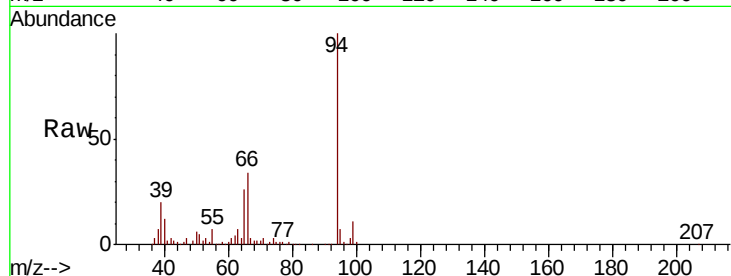
Delta R.T. 0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tot Ion: 94 Resp: 354709

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 26.0  | 7.0   | 47.0  |
| 66  | 34.1  | 12.7  | 52.7  |

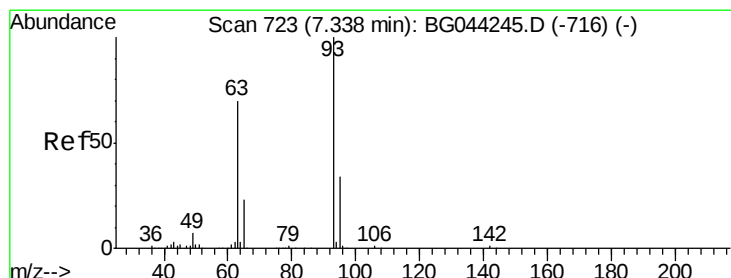
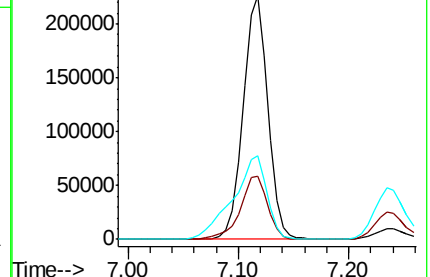
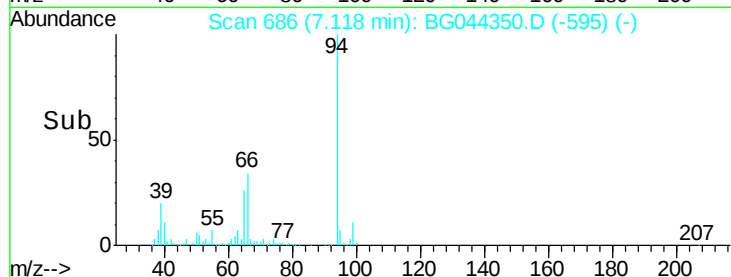


Abundance

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: 38.969 ng

RT: 7.33 min Scan# 723

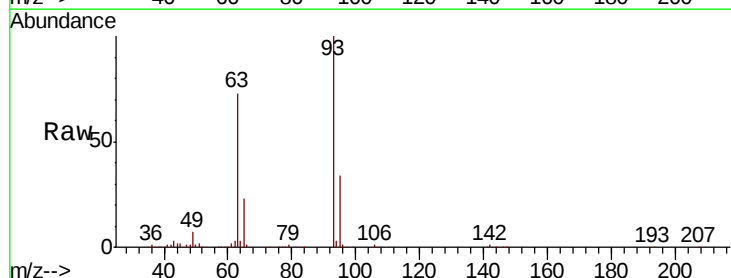
Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tgt Ion: 93 Resp: 272187

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 73.0  | 49.2  | 89.2  |
| 95  | 34.1  | 13.6  | 53.6  |

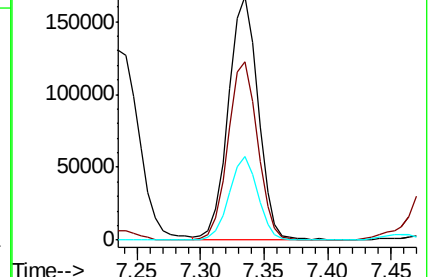
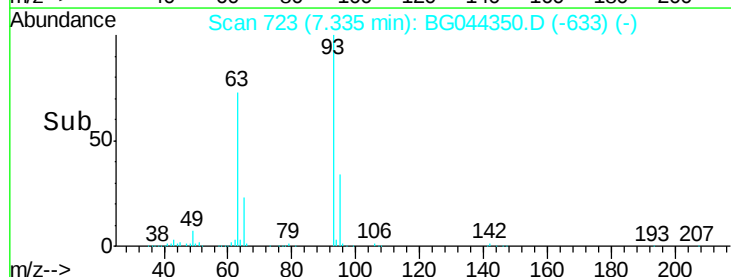


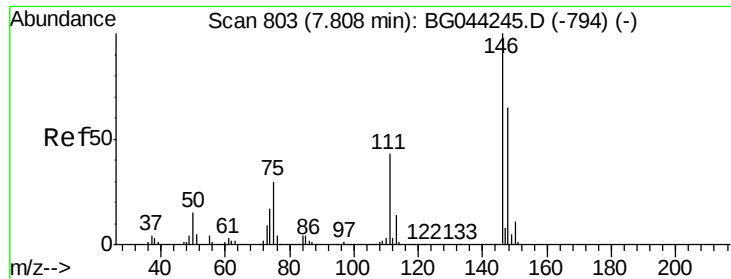
Abundance

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: 36.344 ng

RT: 7.80 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

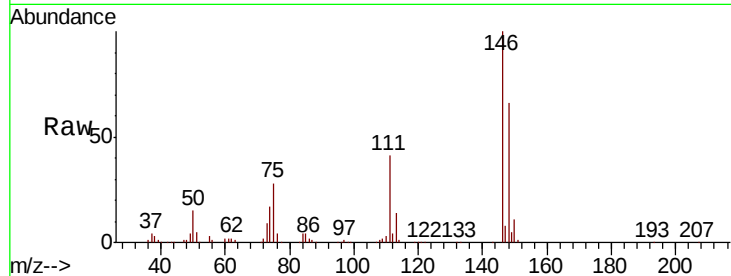
Tot Ion:146 Resp: 293182

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 66.3  | 51.8  | 77.8  |
| 75  | 27.8  | 23.7  | 35.5  |

146 100

148 66.3 51.8 77.8

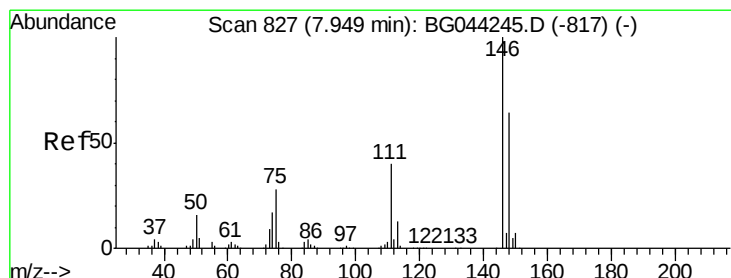
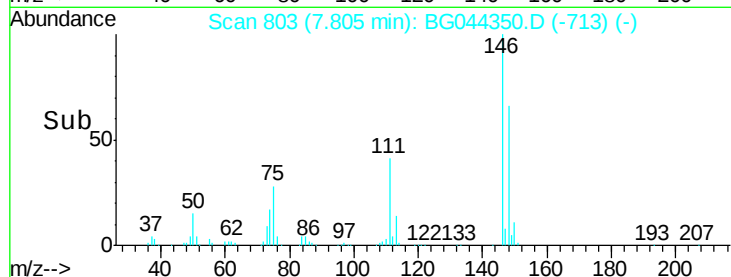
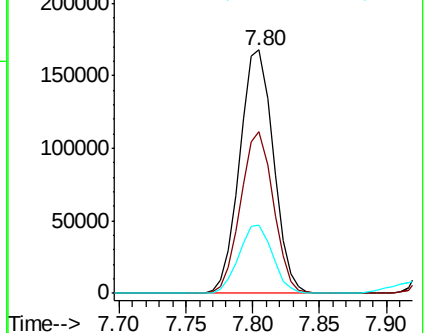
75 27.8 23.7 35.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 37.338 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

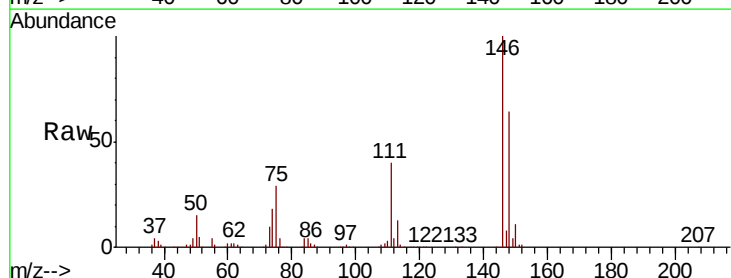
Tgt Ion:146 Resp: 298318

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.3  | 51.4  | 77.0  |
| 111 | 40.1  | 31.8  | 47.8  |

146 100

148 64.3 51.4 77.0

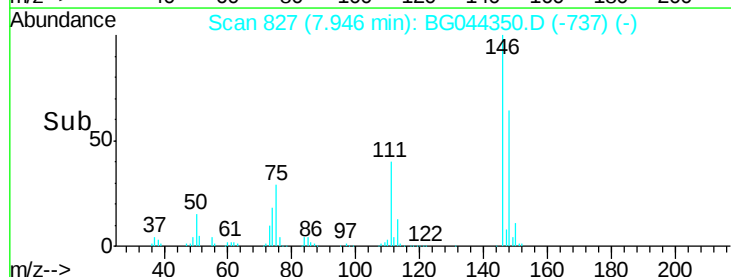
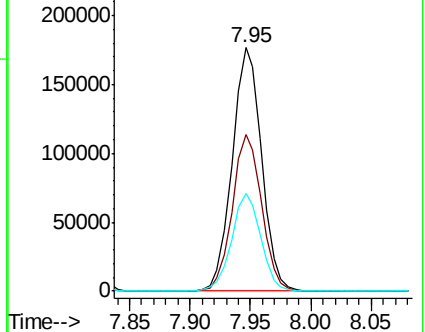
111 40.1 31.8 47.8

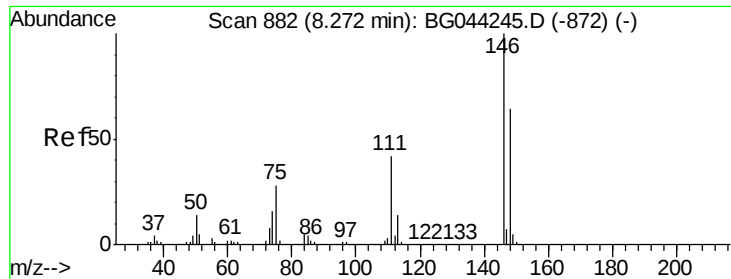


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 37.791 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

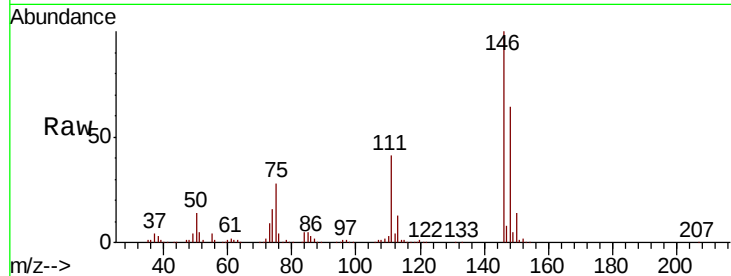
Tot Ion:146 Resp: 285394

Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

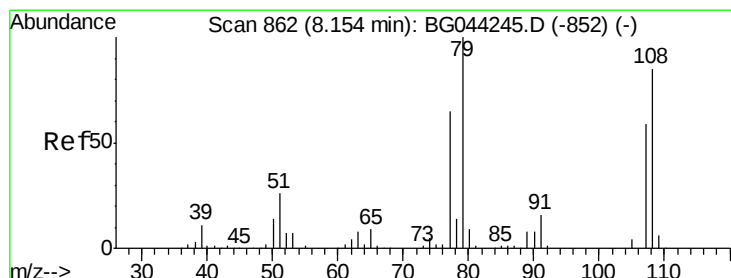
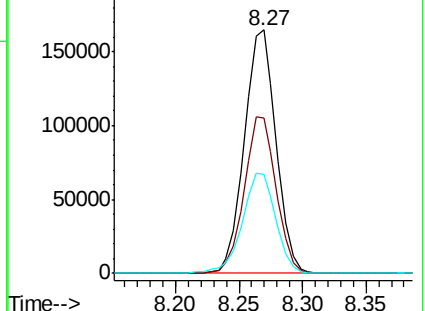
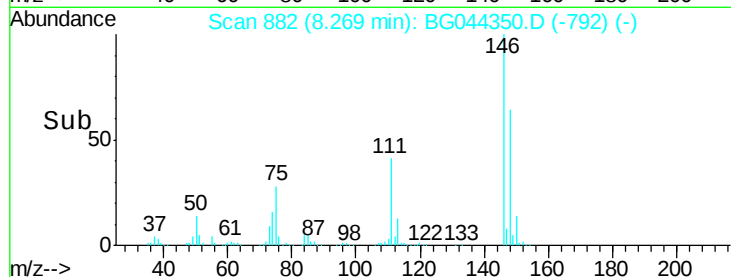
111 40.7 34.0 51.0



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: 42.150 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

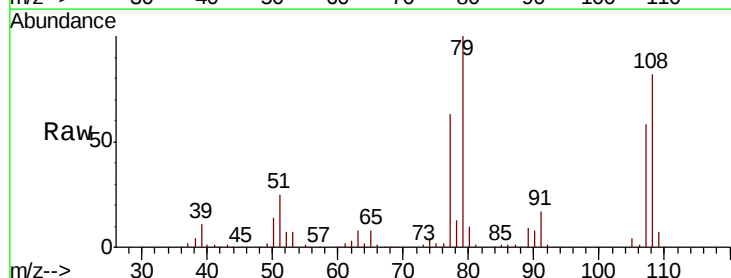
Tgt Ion: 79 Resp: 246345

Ion Ratio Lower Upper

79 100

108 81.7 68.3 102.5

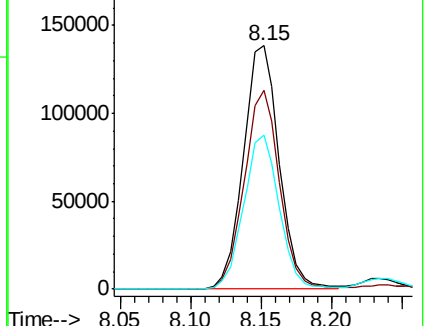
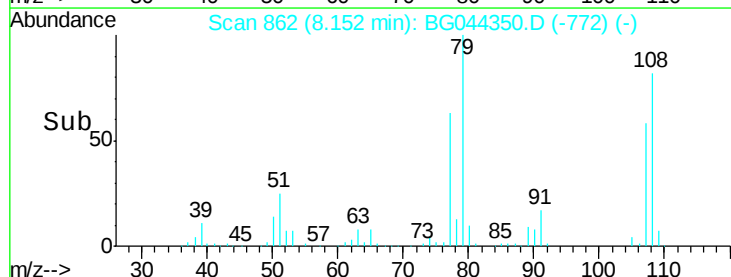
77 63.2 51.8 77.8

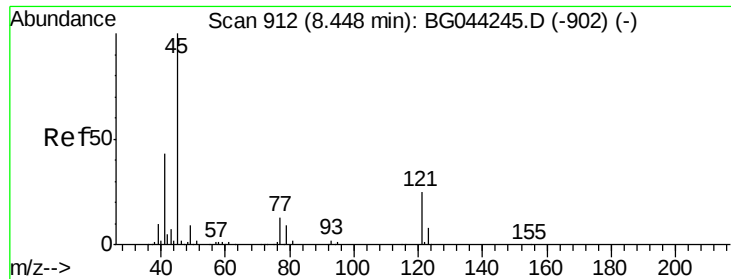


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 39.241 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

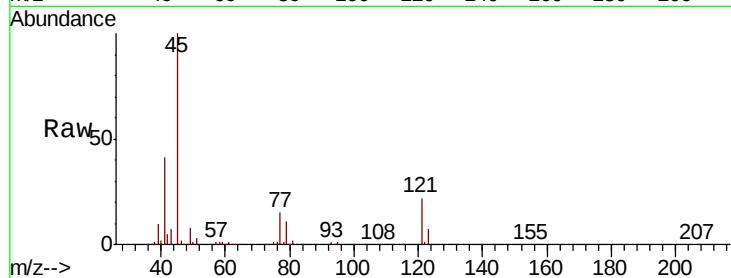
Tot Ion: 45 Resp: 370978

Ion Ratio Lower Upper

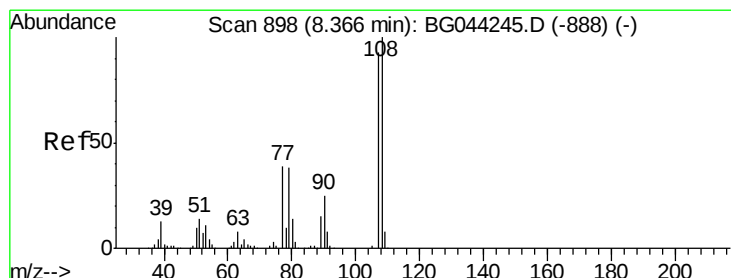
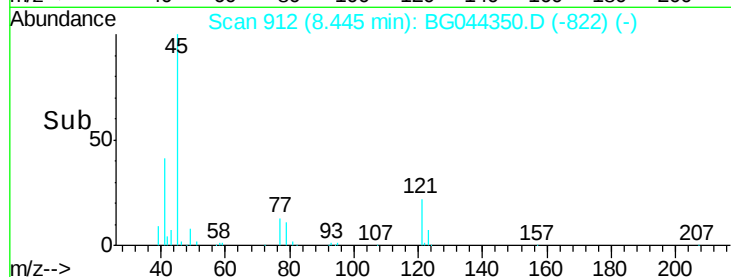
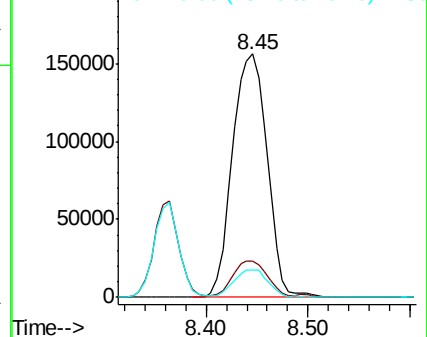
45 100

77 14.7 0.0 35.2

79 11.4 0.0 31.1



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: 42.807 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tgt Ion: 107 Resp: 249524

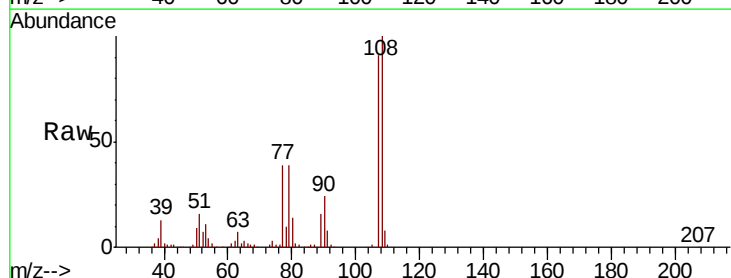
Ion Ratio Lower Upper

107 100

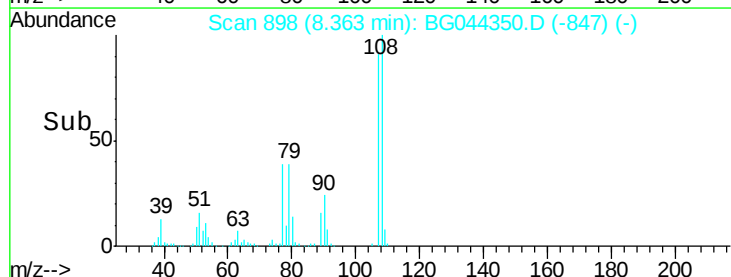
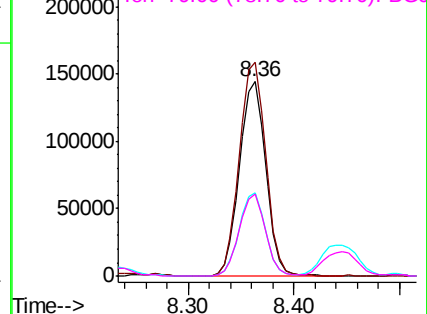
108 110.0 86.4 129.6

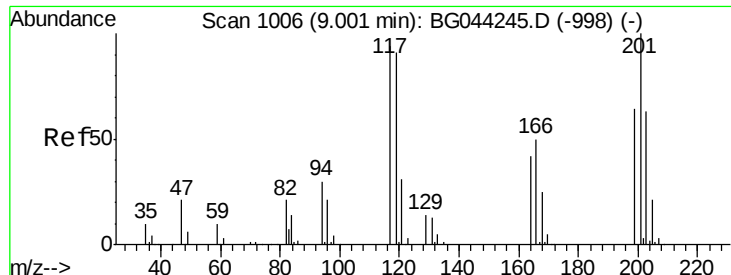
77 43.0 34.0 51.0

79 42.4 32.9 49.3



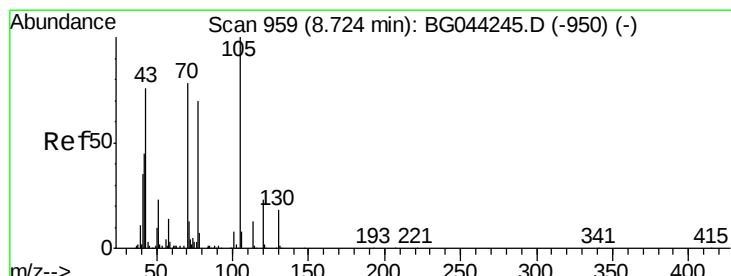
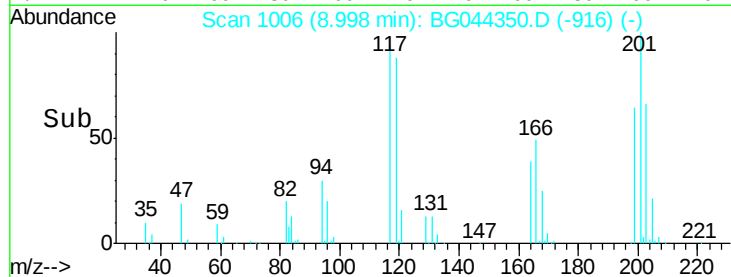
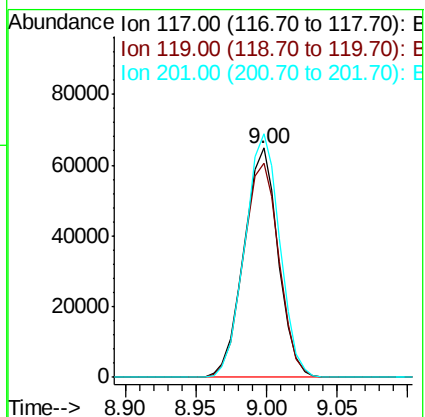
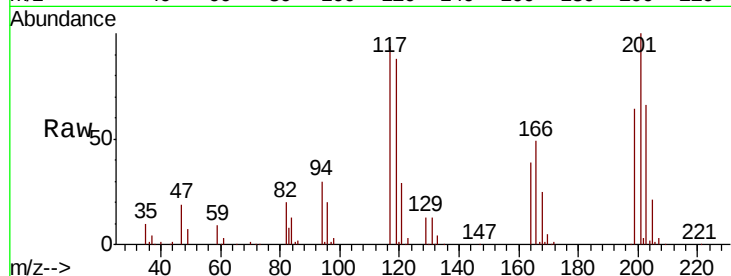
Abundance Ion 107.00 (106.70 to 107.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC





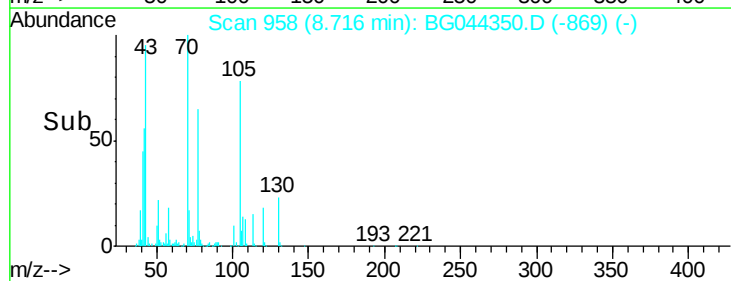
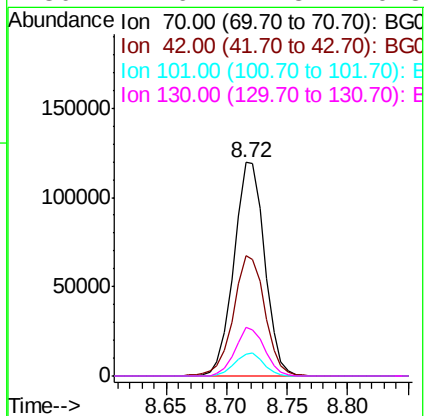
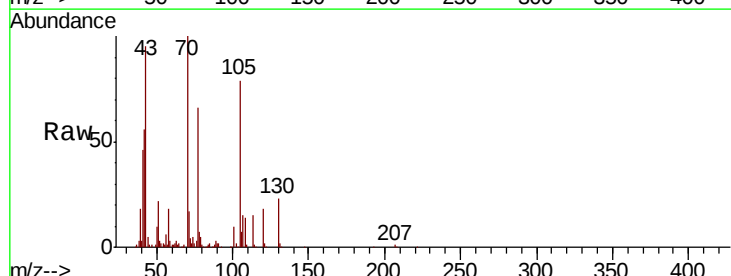
#18  
Hexachloroethane  
Concen: 36.860 ng  
RT: 9.00 min Scan# 1006  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

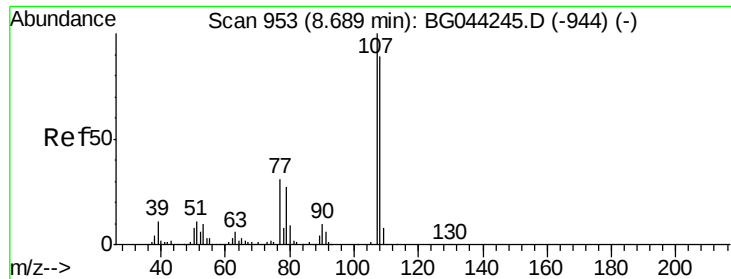
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 117   | Resp: | 110512 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.2  | 77.5  | 116.3  |
| 201      | 106.2 | 84.9  | 127.3  |



#19  
n-Nitroso-di-n-propylamine  
Concen: 38.598 ng  
RT: 8.72 min Scan# 958  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 212354 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 56.5  | 46.2  | 69.2   |
| 101      | 10.2  | 8.4   | 12.6   |
| 130      | 22.6  | 17.8  | 26.8   |





#20

3+4-Methylphenols

Concen: 42.260 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tot Ion:107 Resp: 339490

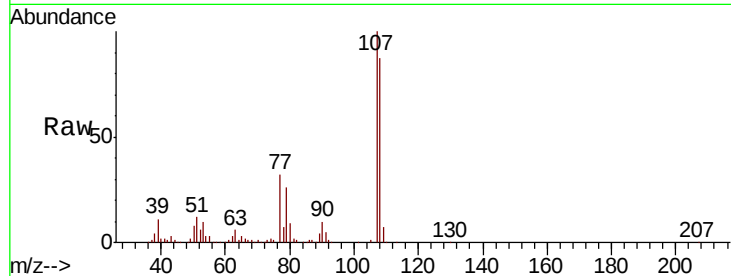
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.3  | 68.5  | 108.5 |
| 77  | 31.7  | 10.9  | 50.9  |
| 79  | 26.5  | 7.1   | 47.1  |

107 100

108 87.3 68.5 108.5

77 31.7 10.9 50.9

79 26.5 7.1 47.1

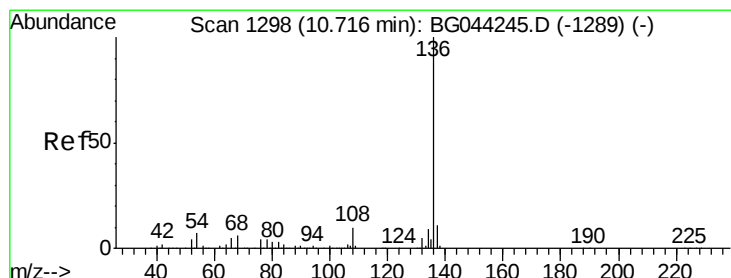
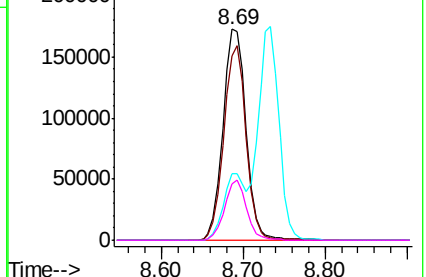
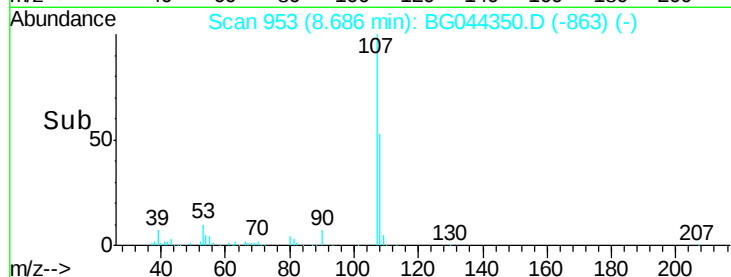


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tgt Ion:136 Resp: 455574

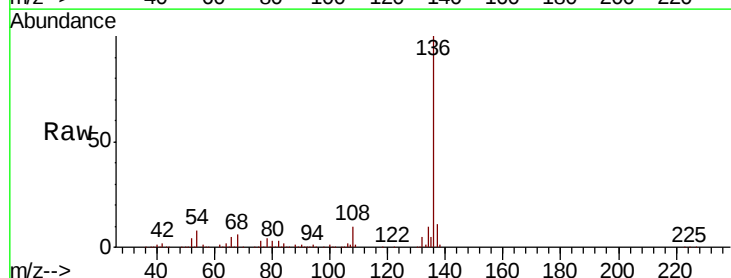
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 8.8   | 13.2  |
| 54  | 7.9   | 5.8   | 8.8   |
| 68  | 6.2   | 4.6   | 6.8   |

136 100

137 11.4 8.8 13.2

54 7.9 5.8 8.8

68 6.2 4.6 6.8

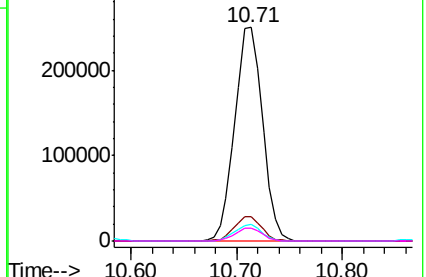
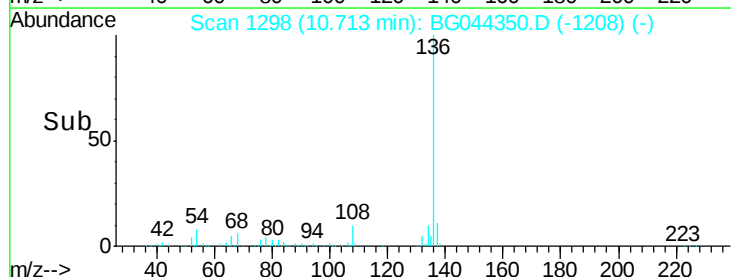


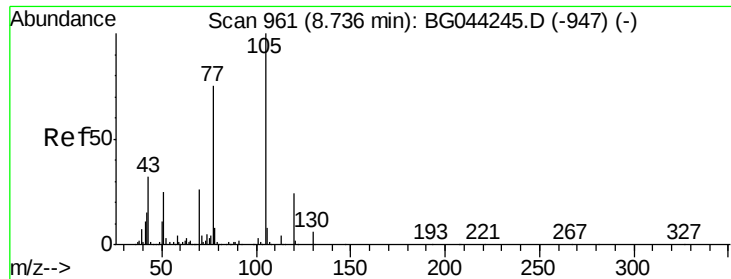
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

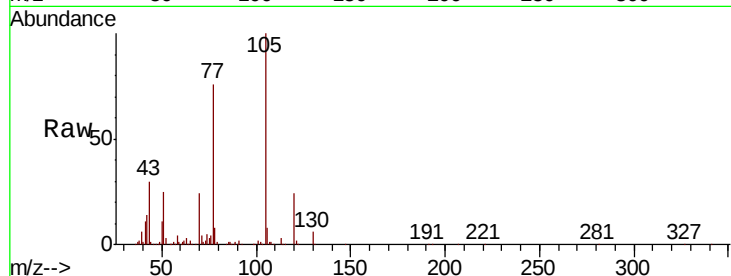
Ion 68.00 (67.70 to 68.70): BG





#22  
Acetophenone  
Concen: 36.830 ng  
RT: 8.73 min Scan# 961  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 4.1   | 3.4   | 5.0   |
| 51      | 25.3  | 20.2  | 30.4  |
| 120     | 24.4  | 19.1  | 28.7  |

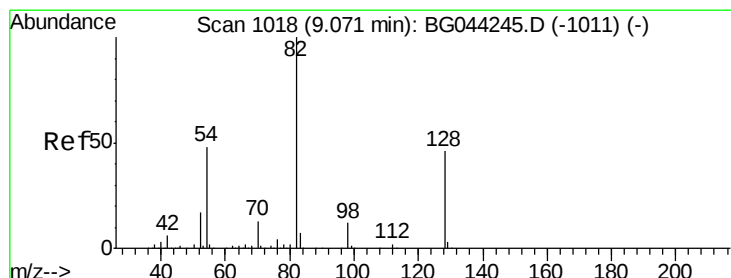
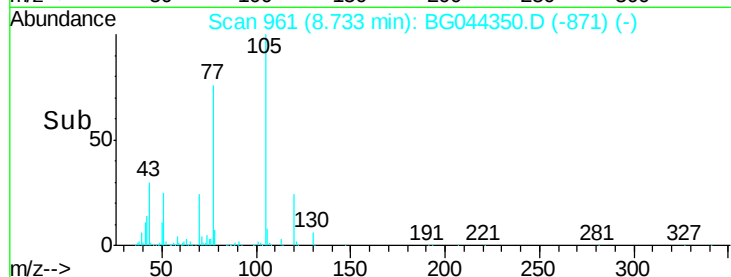
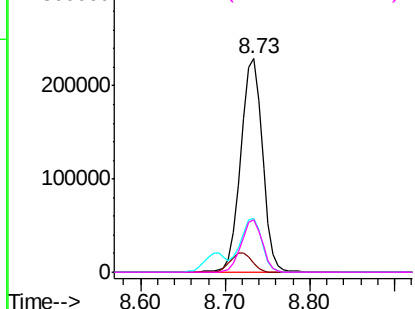


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

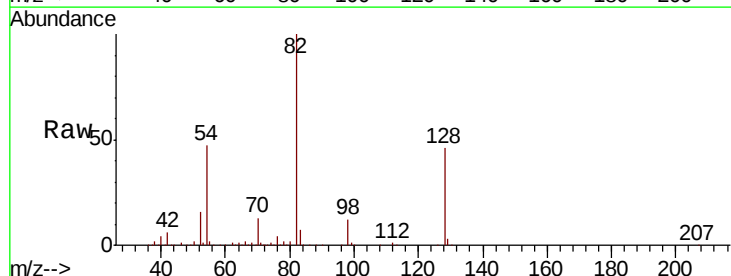
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23  
Nitrobenzene-d5  
Concen: 76.305 ng  
RT: 9.07 min Scan# 1018  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

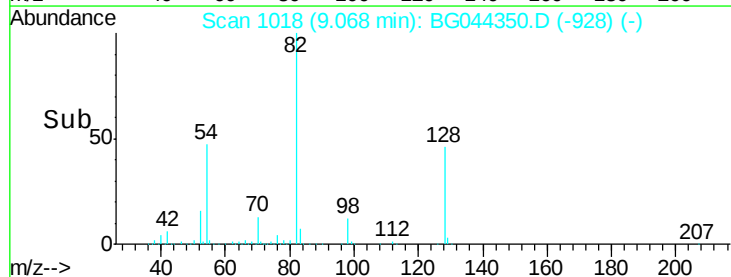
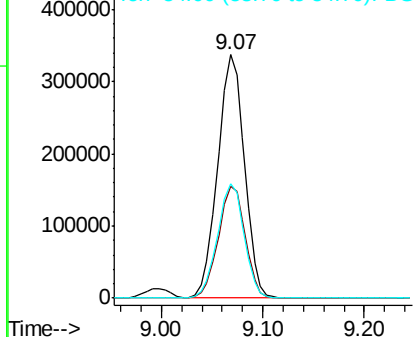
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.0  | 36.5  | 54.7  |
| 54      | 47.1  | 38.6  | 58.0  |

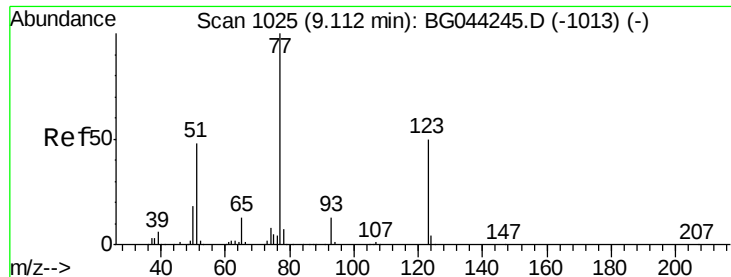


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

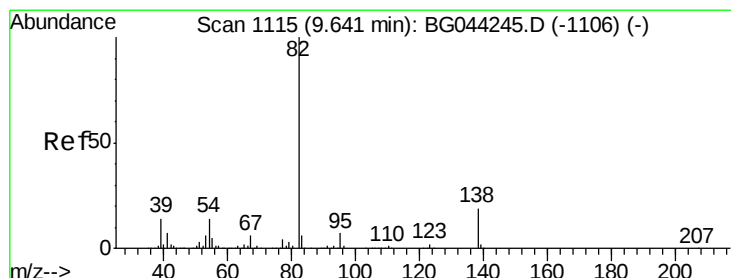
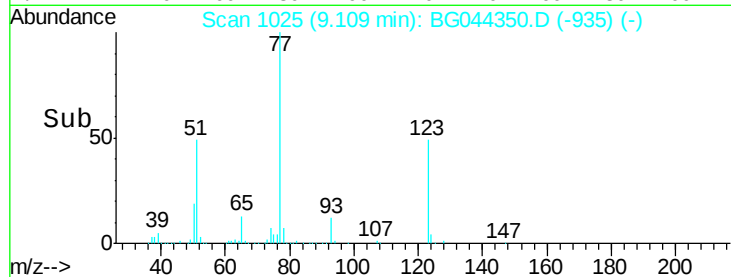
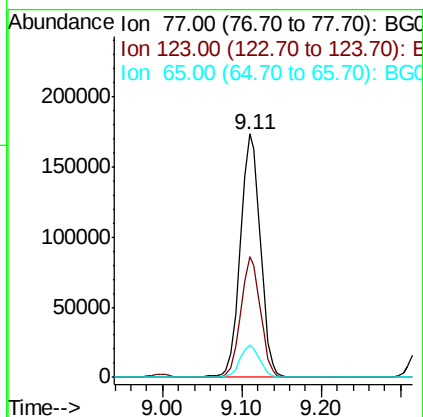
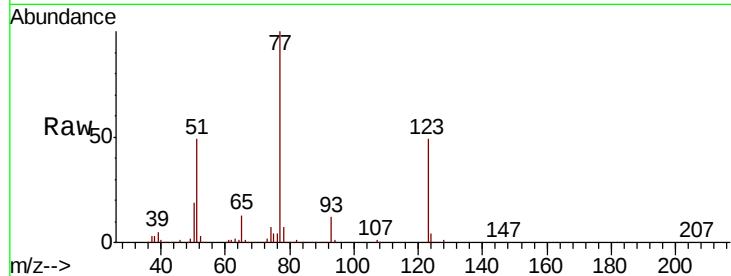
Ion 54.00 (53.70 to 54.70): BGC





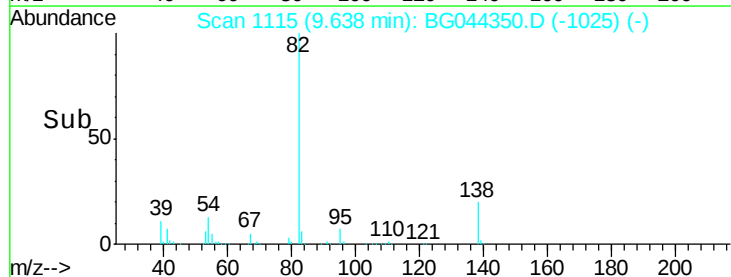
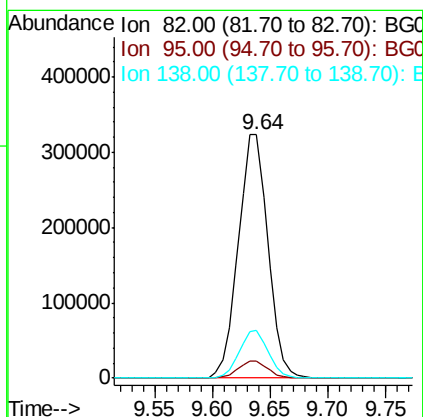
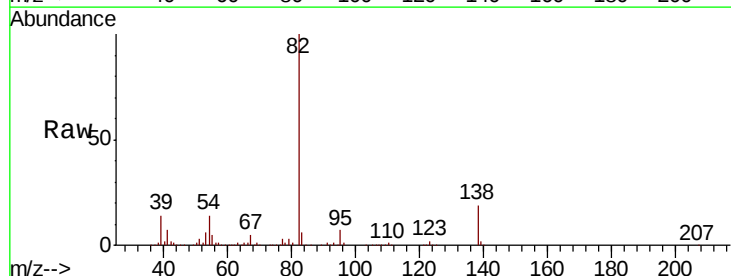
#24  
Nitrobenzene  
Concen: 38.450 ng  
RT: 9.11 min Scan# 1025  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

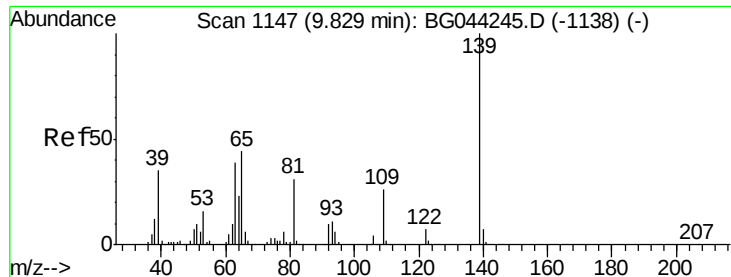
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.4  | 39.9  | 59.9  |
| 65      | 13.4  | 10.4  | 15.6  |



#25  
Isophorone  
Concen: 38.303 ng  
RT: 9.64 min Scan# 1115  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

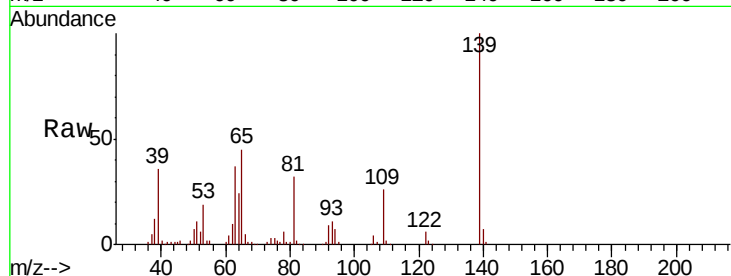
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.1   | 5.7   | 8.5   |
| 138     | 19.5  | 15.0  | 22.4  |





#26  
2-Nitrophenol  
Concen: 41.285 ng  
RT: 9.82 min Scan# 1146  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 26.4  | 21.0  | 31.4  |
| 65      | 44.6  | 35.0  | 52.4  |

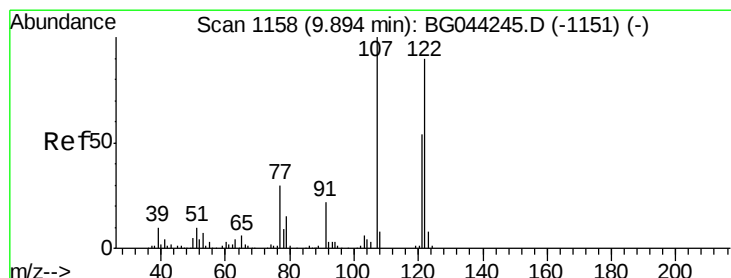
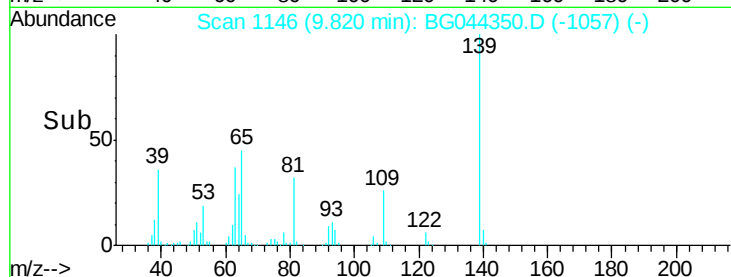
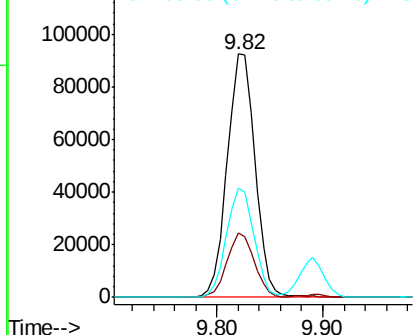


Abundance

Ion 139.00 (138.70 to 139.70): E

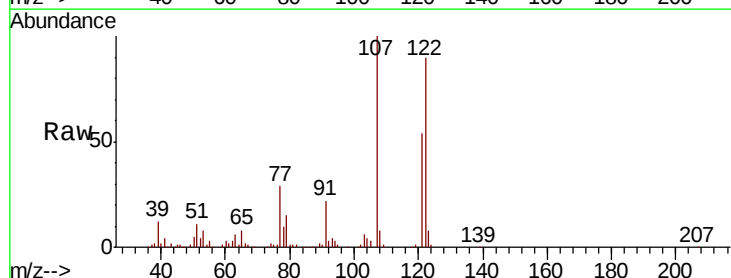
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): B



#27  
2,4-Dimethylphenol  
Concen: 46.277 ng  
RT: 9.89 min Scan# 1158  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 111.2 | 88.8  | 133.2 |
| 121     | 60.1  | 48.3  | 72.5  |

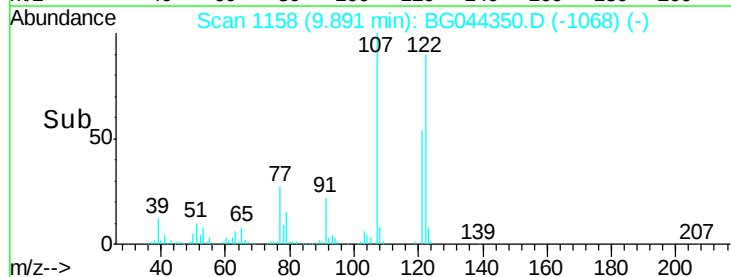
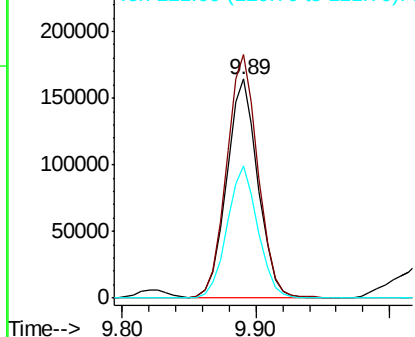


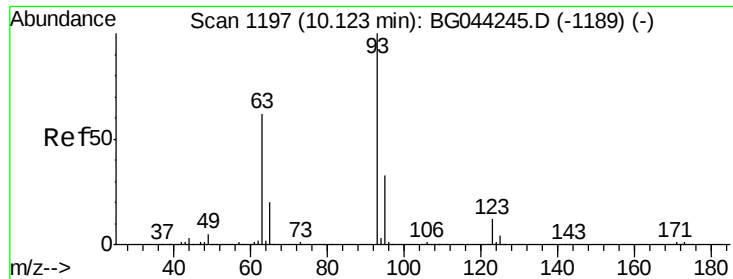
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

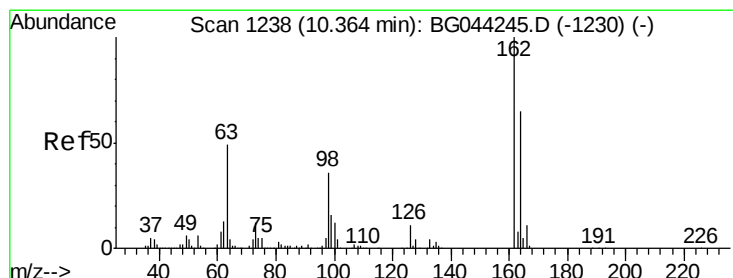
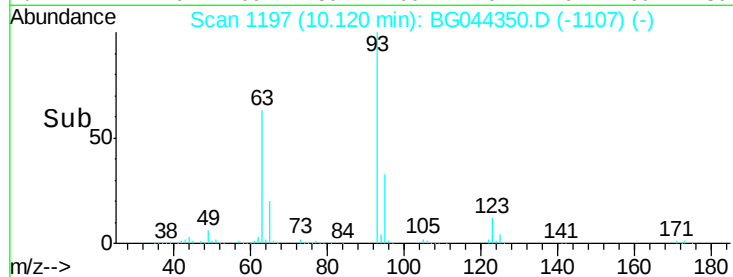
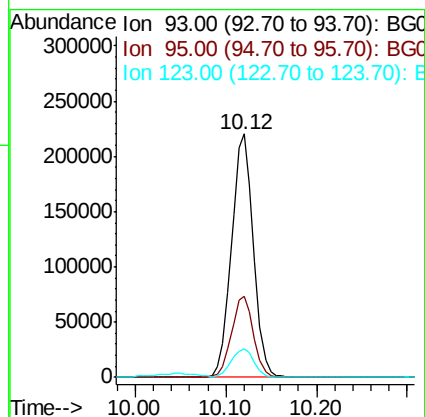
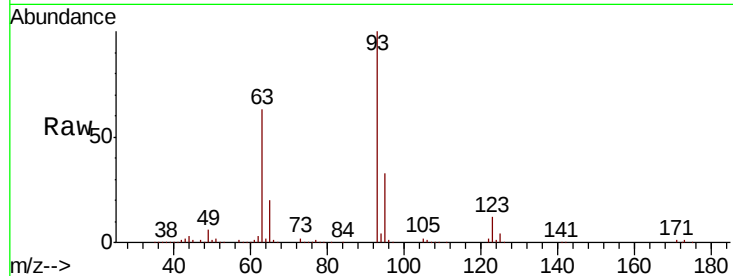
Ion 121.00 (120.70 to 121.70): E





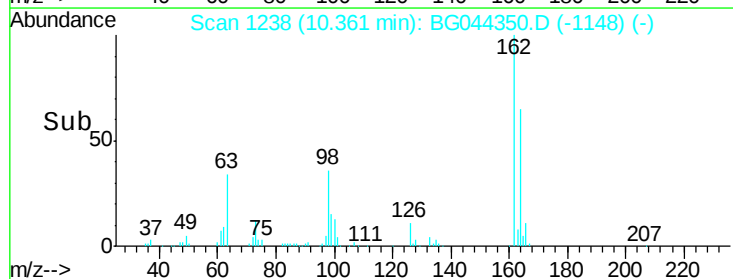
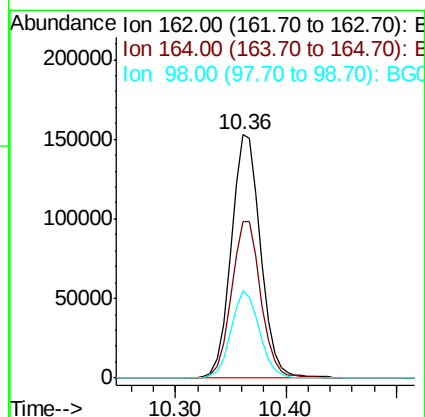
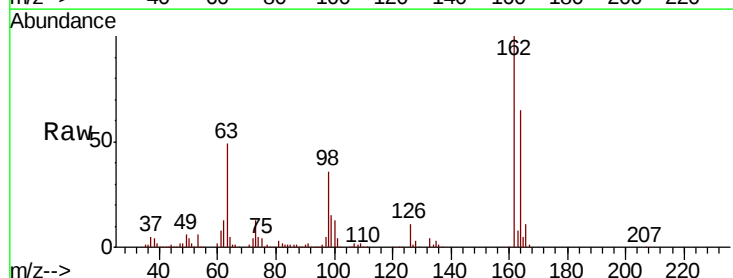
#28  
bis(2-Chloroethoxy)methane  
Concen: 36.778 ng  
RT: 10.12 min Scan# 1197  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

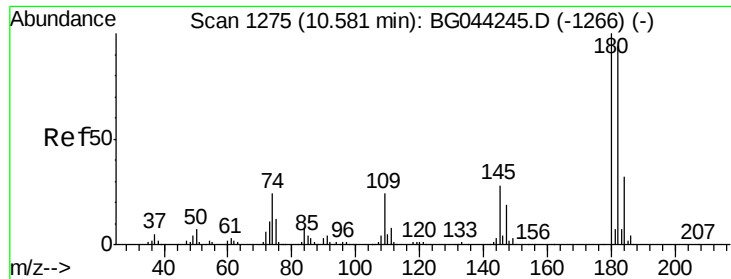
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.2  | 26.6  | 40.0  |
| 123     | 11.9  | 10.0  | 15.0  |



#29  
2,4-Dichlorophenol  
Concen: 40.849 ng  
RT: 10.36 min Scan# 1238  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

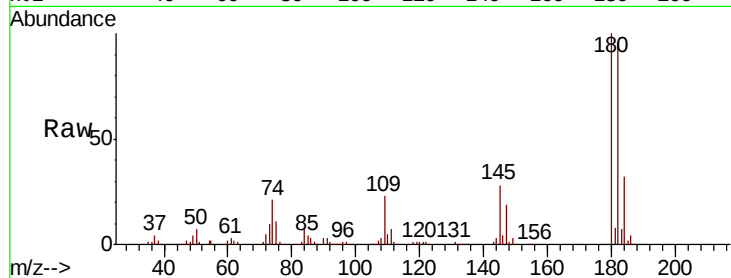
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.5  | 44.7  | 84.7  |
| 98      | 35.9  | 15.8  | 55.8  |



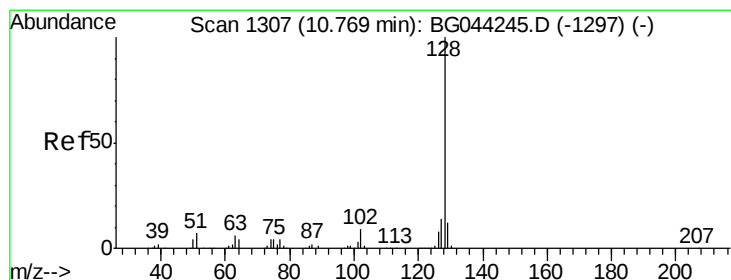
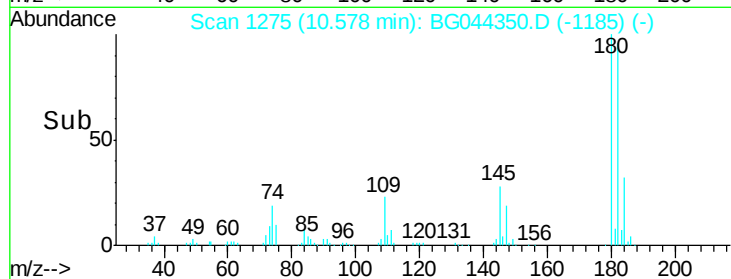
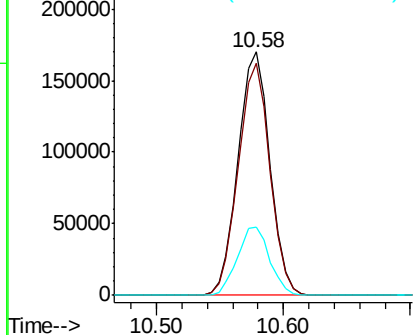


#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.998 ng  
 RT: 10.58 min Scan# 1275  
 Delta R.T. -0.00 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 75.5  | 113.3 |
| 145     | 28.3  | 22.6  | 34.0  |

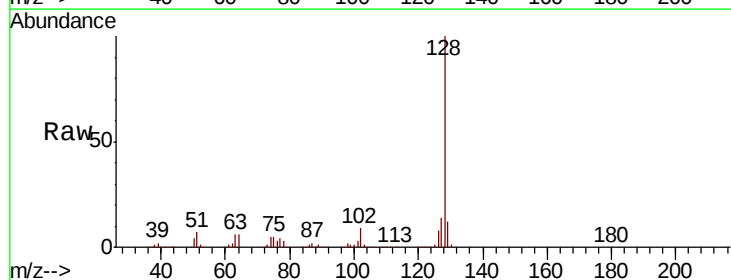


Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

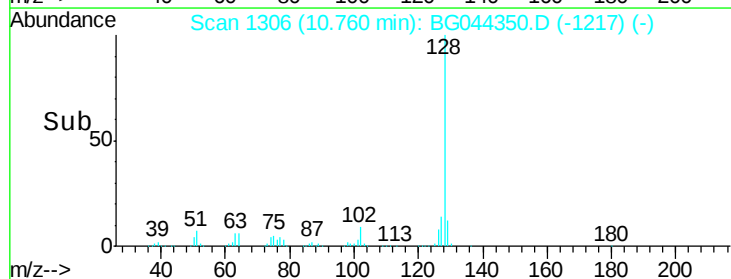
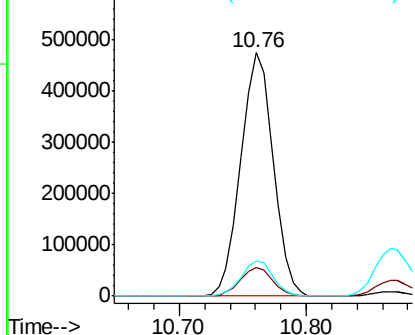


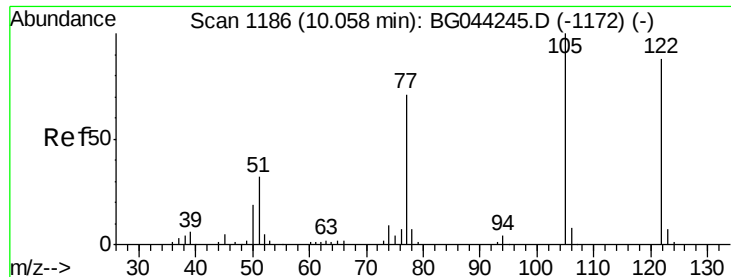
#31  
 Naphthalene  
 Concen: 38.354 ng  
 RT: 10.76 min Scan# 1306  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 9.3   | 13.9  |
| 127     | 14.4  | 11.6  | 17.4  |



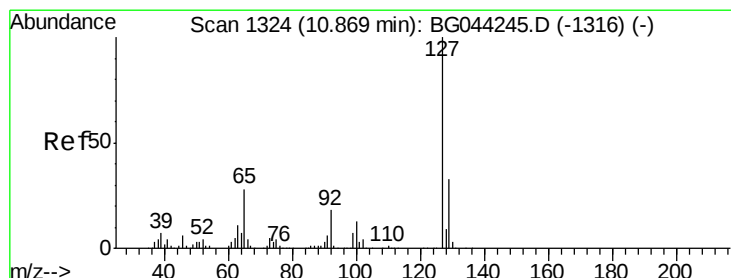
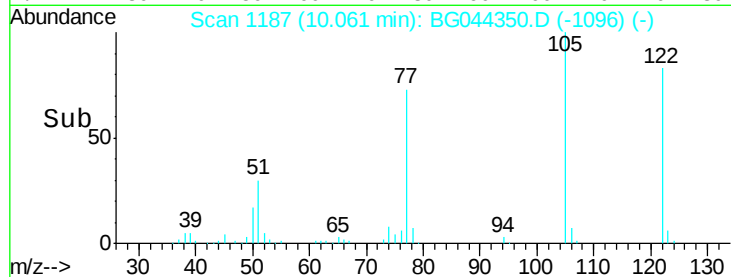
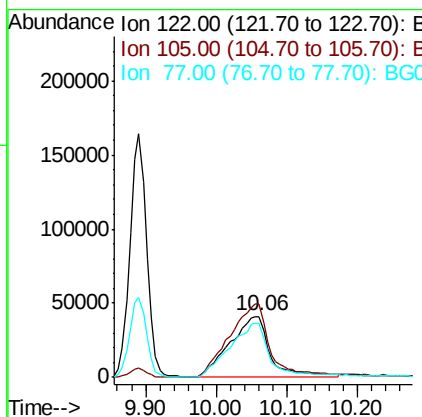
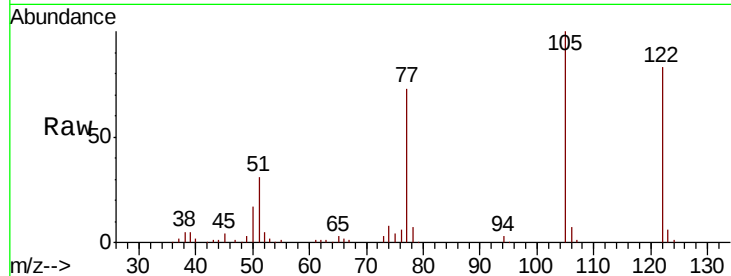
Abundance Ion 128.00 (127.70 to 128.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 127.00 (126.70 to 127.70): E





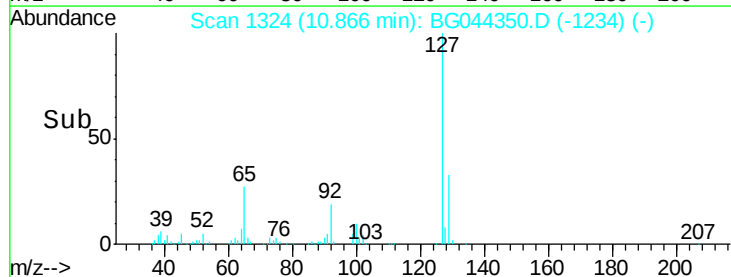
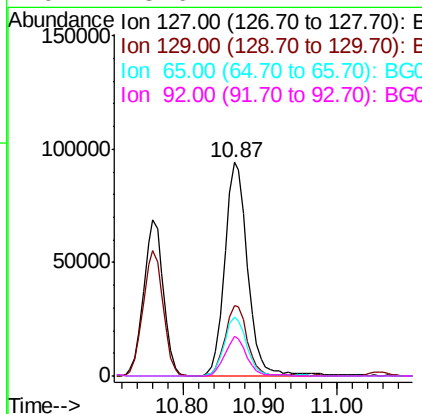
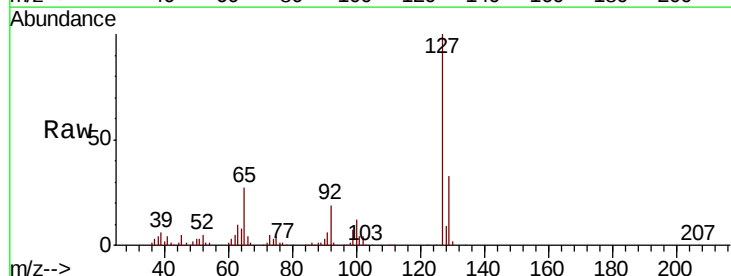
#32  
Benzoic acid  
Concen: 43.706 ng  
RT: 10.06 min Scan# 1187  
Delta R.T. 0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

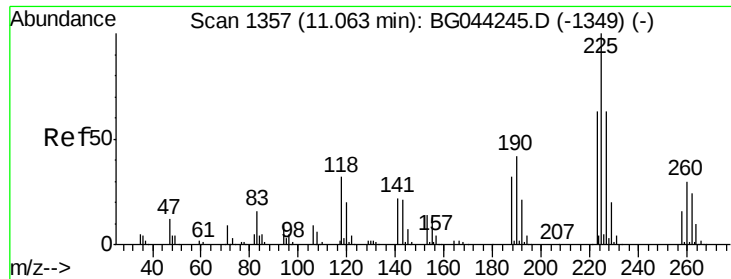
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 120.9 | 93.5  | 133.5 |
| 77      | 88.4  | 61.0  | 101.0 |



#33  
4-Chloroaniline  
Concen: 19.513 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

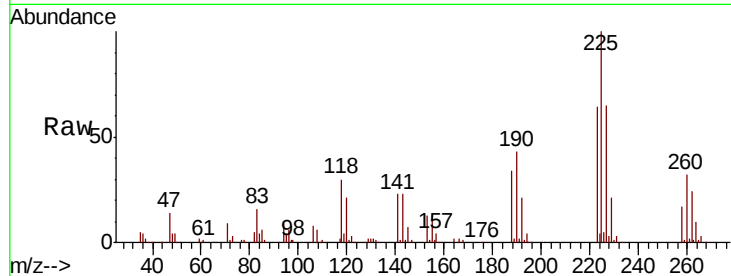
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.8  | 26.6  | 40.0  |
| 65      | 27.4  | 22.5  | 33.7  |
| 92      | 18.6  | 14.1  | 21.1  |



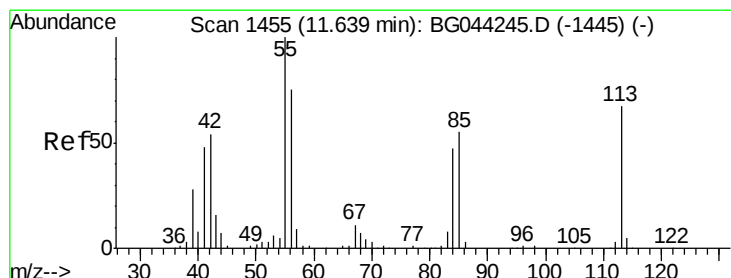
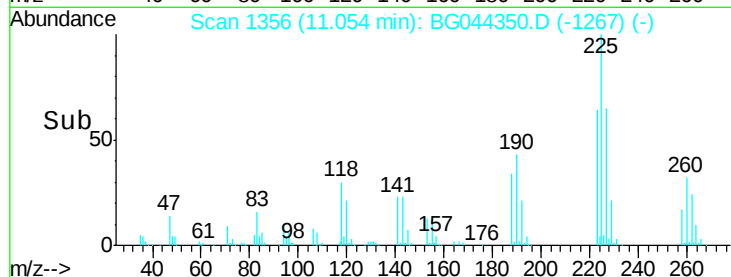
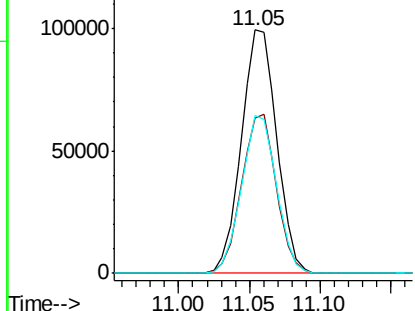


#34  
Hexachlorobutadiene  
Concen: 35.432 ng  
RT: 11.05 min Scan# 1356  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

Tot Ion:225 Resp: 174425  
Ion Ratio Lower Upper  
225 100  
223 63.7 50.2 75.4  
227 64.8 50.8 76.2

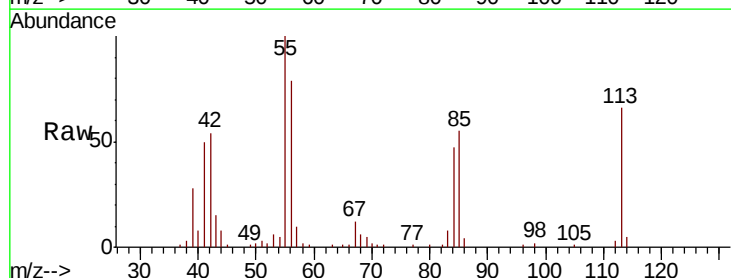


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

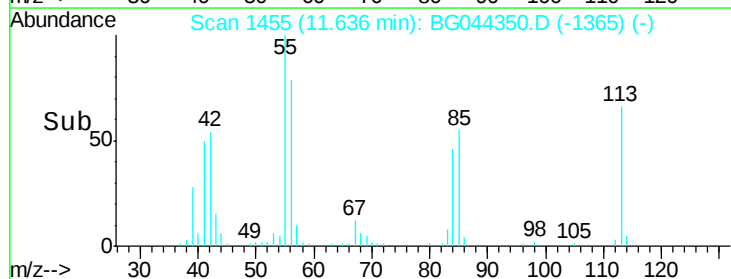
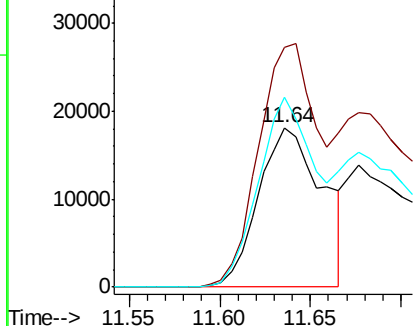


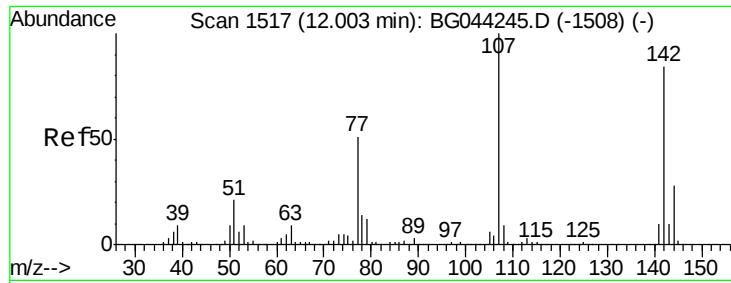
#35  
Caprolactam  
Concen: 17.359 ng  
RT: 11.64 min Scan# 1455  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

Tgt Ion:113 Resp: 44367  
Ion Ratio Lower Upper  
113 100  
55 150.7 129.9 169.9  
56 118.8 92.5 132.5



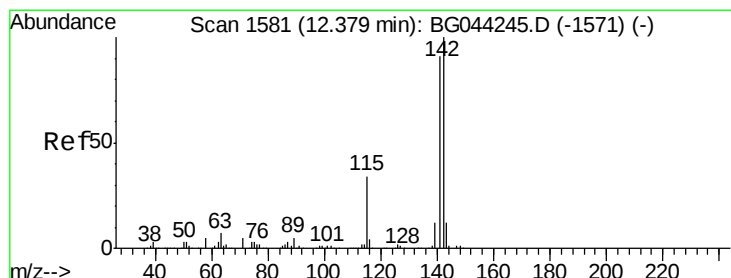
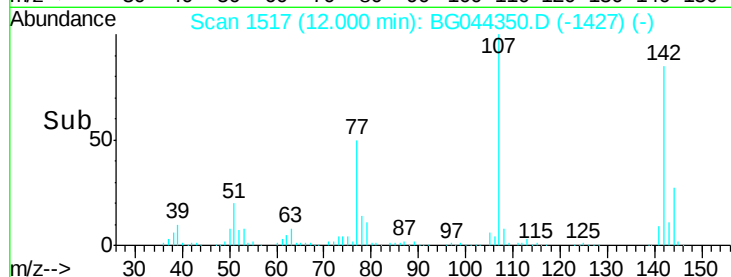
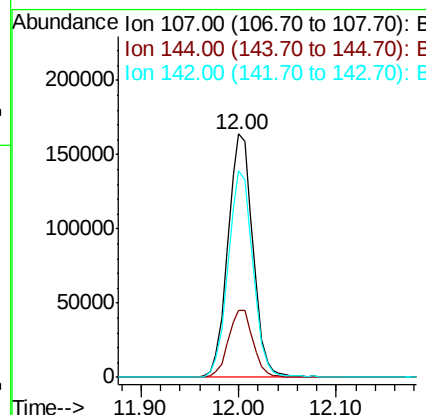
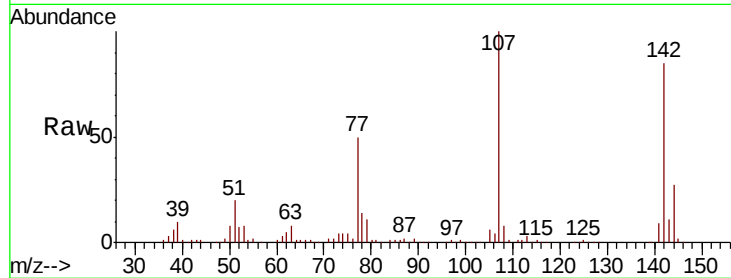
Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BG0  
Ion 56.00 (55.70 to 56.70): BG0





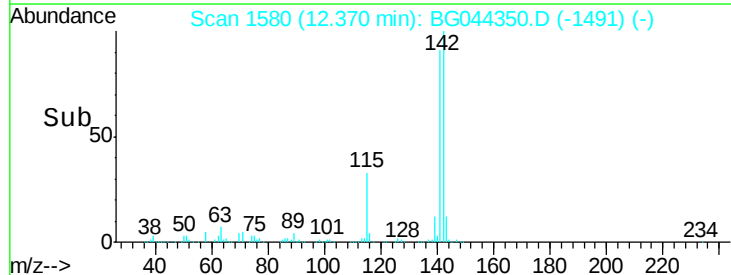
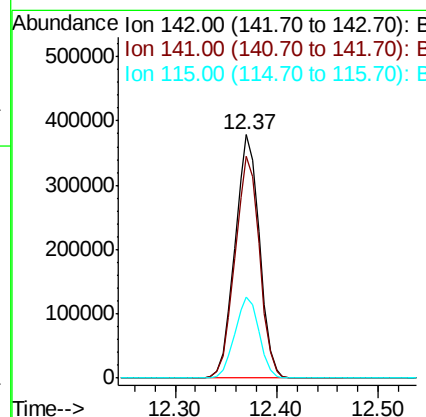
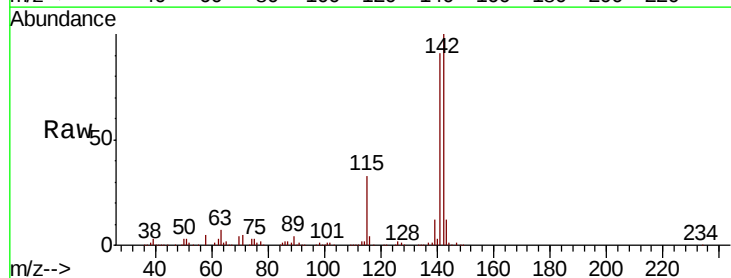
#36  
 4-Chloro-3-methylphenol  
 Concen: 39.954 ng  
 RT: 12.00 min Scan# 1517  
 Delta R.T. -0.00 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

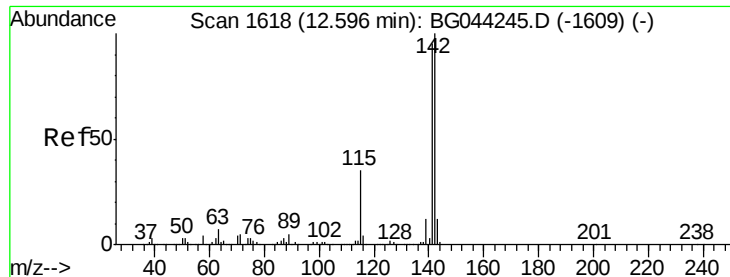
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.3  | 22.2  | 33.4  |
| 142     | 84.6  | 67.4  | 101.0 |



#37  
 2-Methylnaphthalene  
 Concen: 38.486 ng  
 RT: 12.37 min Scan# 1580  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

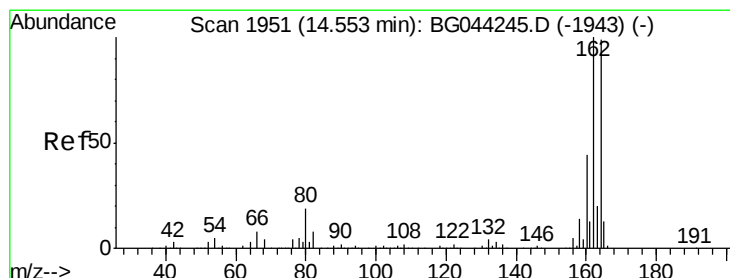
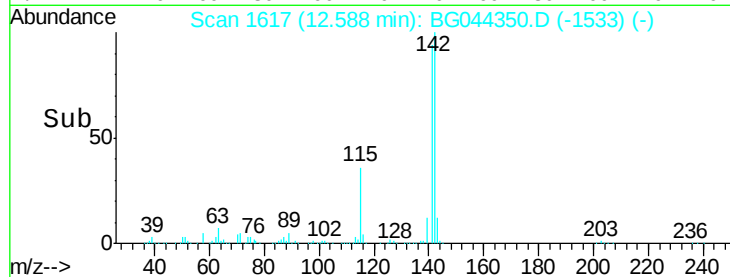
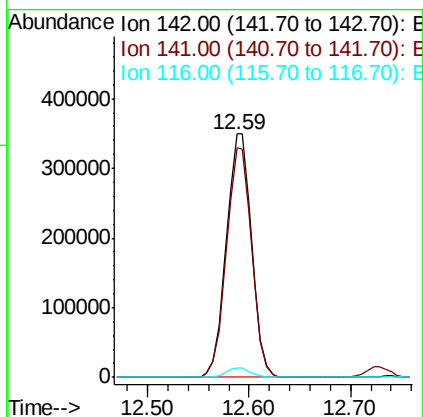
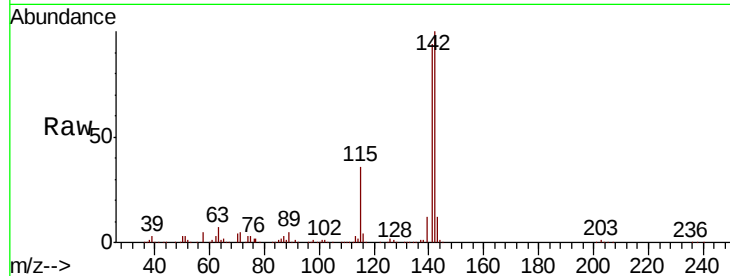
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.4  | 73.2  | 109.8 |
| 115     | 33.1  | 27.1  | 40.7  |





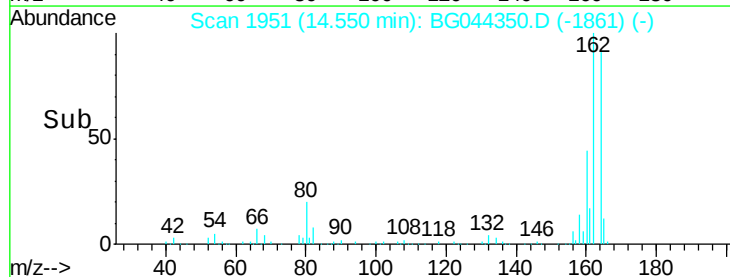
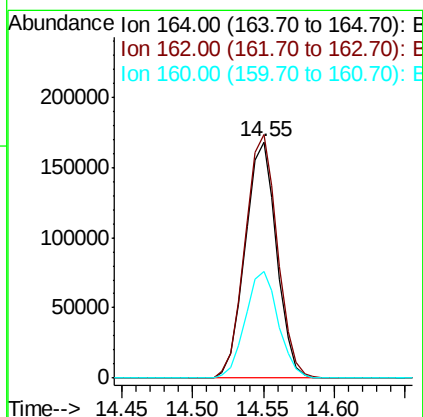
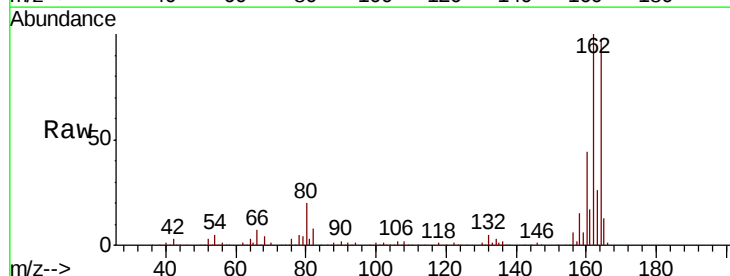
#38  
1-Methylnaphthalene  
Concen: 38.819 ng  
RT: 12.59 min Scan# 1617  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

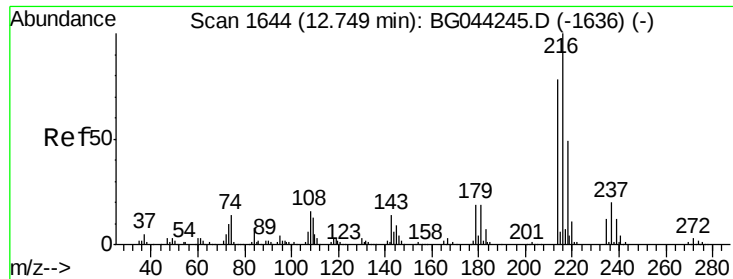
| Tot Ion:142 | Resp: | 600614      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 142         | 100   |             |
| 141         | 94.1  | 75.8 113.6  |
| 116         | 3.6   | 3.1 4.7     |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.55 min Scan# 1951  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

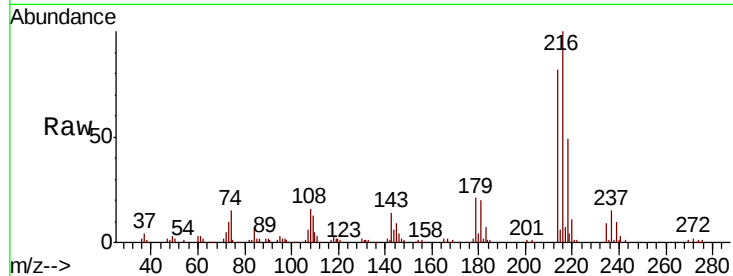
| Tgt Ion:164 | Resp: | 262226      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 162         | 102.9 | 80.7 121.1  |
| 160         | 45.0  | 35.3 52.9   |



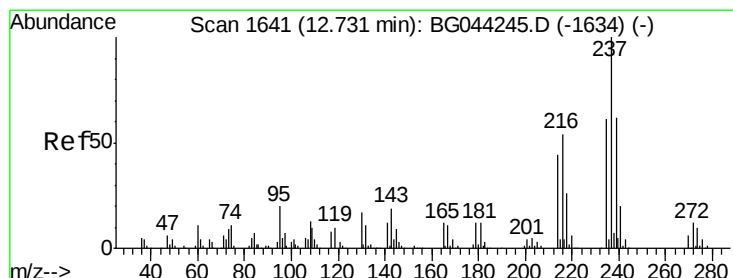
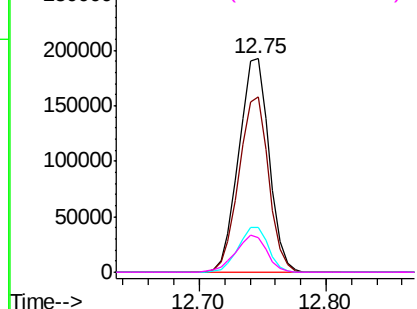
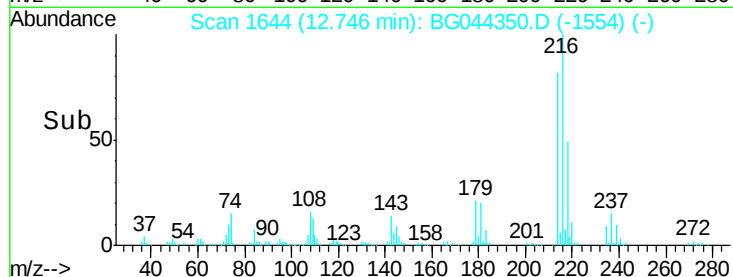


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.600 ng  
RT: 12.75 min Scan# 1644  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 318471 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.3  | 63.0  | 94.6   |
| 179      | 20.9  | 16.2  | 24.4   |
| 108      | 17.9  | 13.5  | 20.3   |

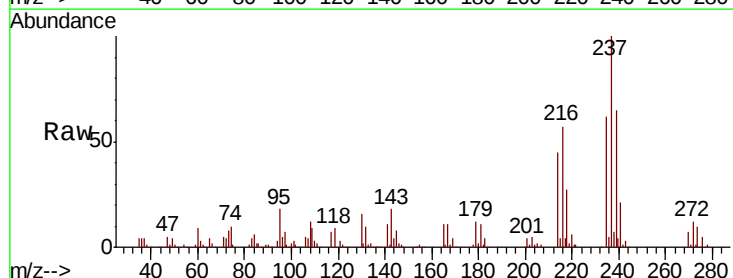


Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E

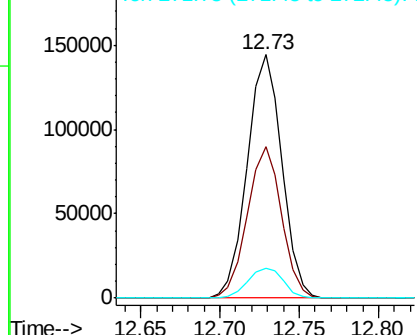
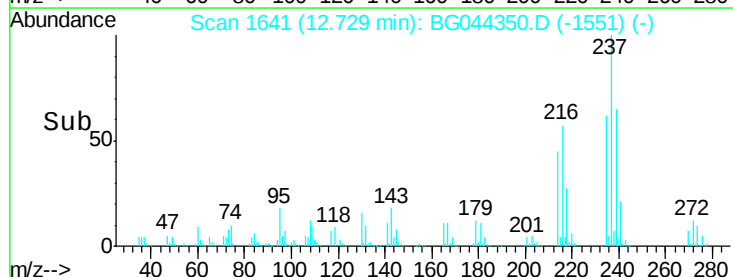


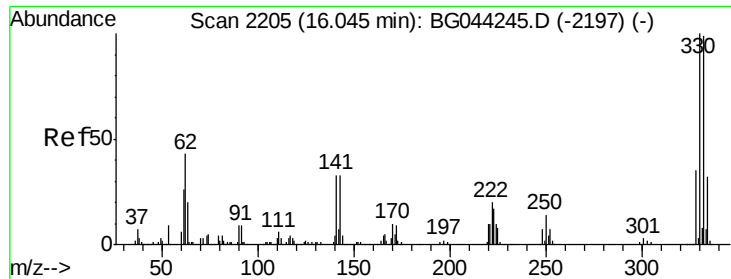
#41  
Hexachlorocyclopentadiene  
Concen: 58.077 ng  
RT: 12.73 min Scan# 1641  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 218592 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 62.4  | 41.2  | 81.2   |
| 272      | 12.2  | 0.0   | 32.4   |



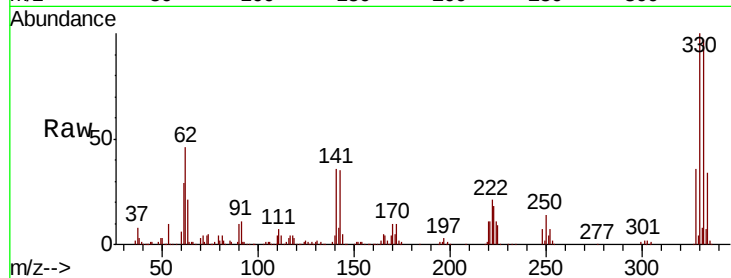
Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



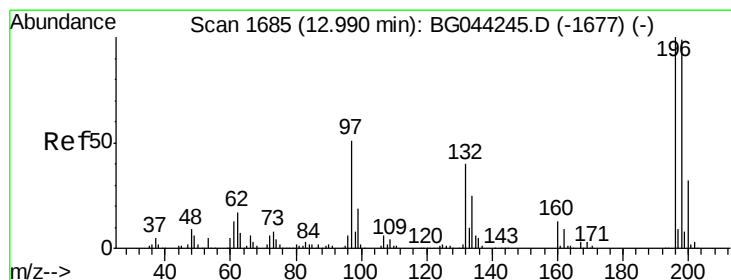
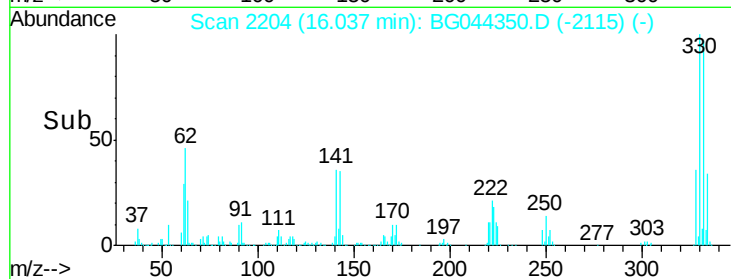
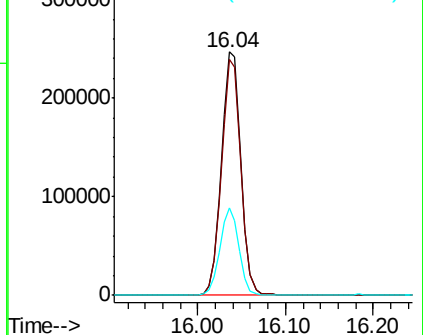


#42  
 2,4,6-Tribromophenol  
 Concen: 123.839 ng  
 RT: 16.04 min Scan# 2204  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 77.2  | 115.8 |
| 141     | 35.0  | 28.3  | 42.5  |

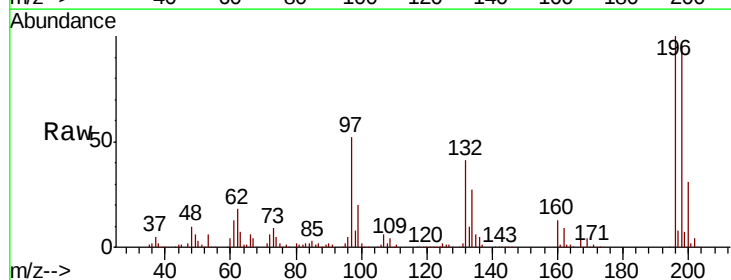


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

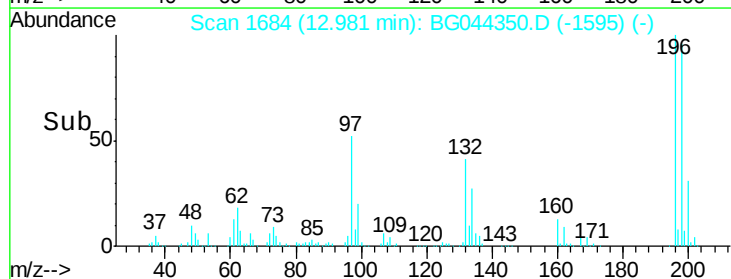
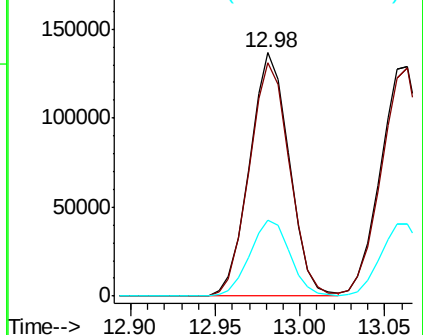


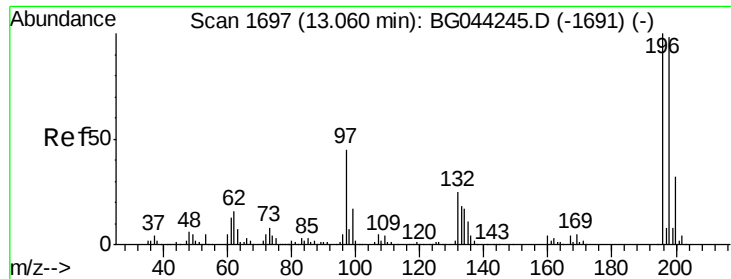
#43  
 2,4,6-Trichlorophenol  
 Concen: 44.016 ng  
 RT: 12.98 min Scan# 1684  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.0  | 79.3  | 118.9 |
| 200     | 31.4  | 25.7  | 38.5  |



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





#44

2,4,5-Trichlorophenol

Concen: 44.996 ng

RT: 13.06 min Scan# 1698

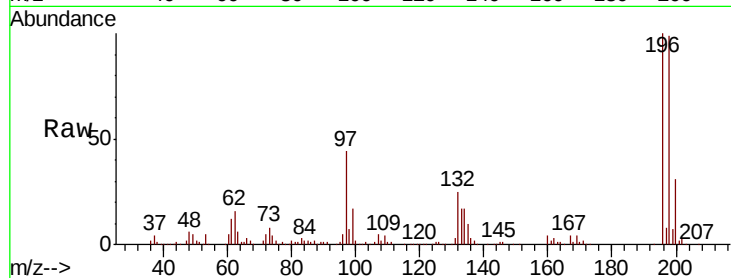
Delta R.T. 0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tot Ion:196 Resp: 233019

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 99.0  | 78.2  | 117.2 |
| 97  | 44.4  | 36.2  | 54.4  |
| 132 | 24.9  | 20.2  | 30.4  |

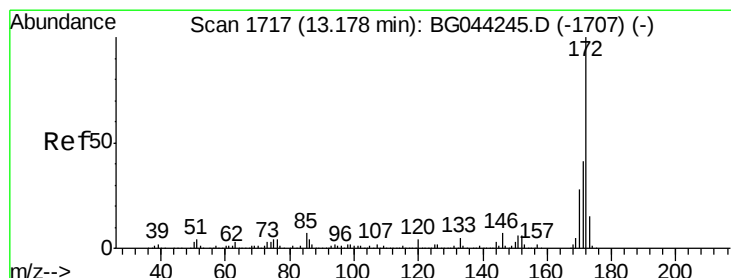
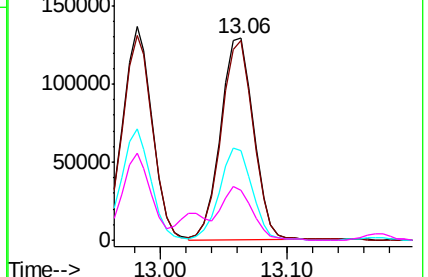
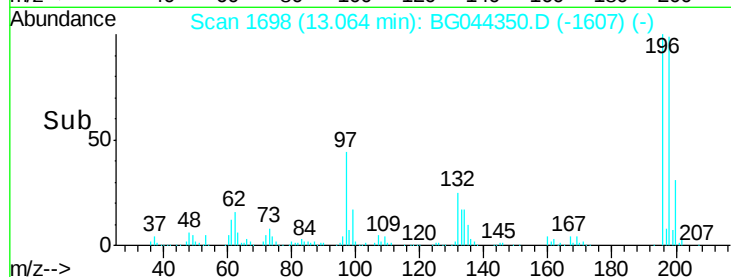


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): B

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 83.918 ng

RT: 13.17 min Scan# 1716

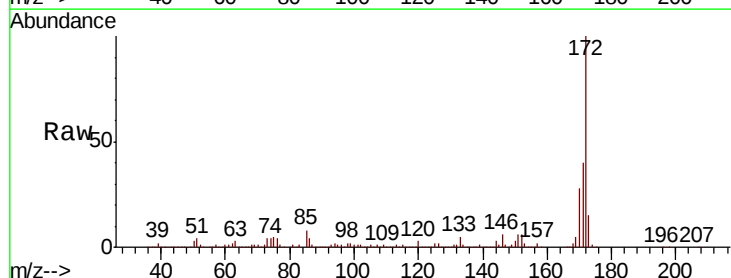
Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tgt Ion:172 Resp: 1314112

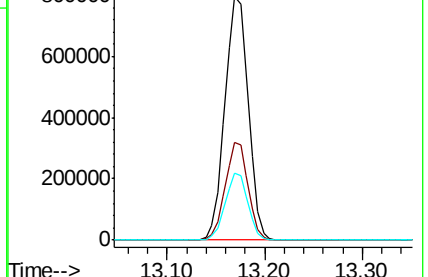
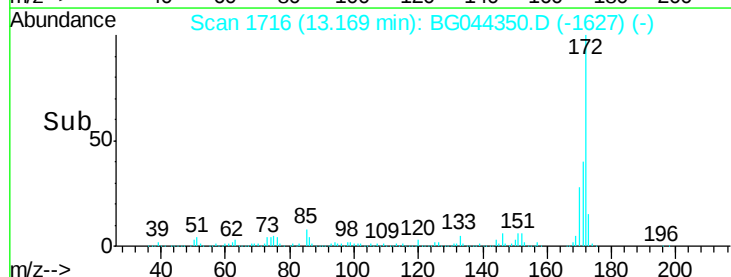
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 40.3  | 32.9  | 49.3  |
| 170 | 27.6  | 22.0  | 33.0  |

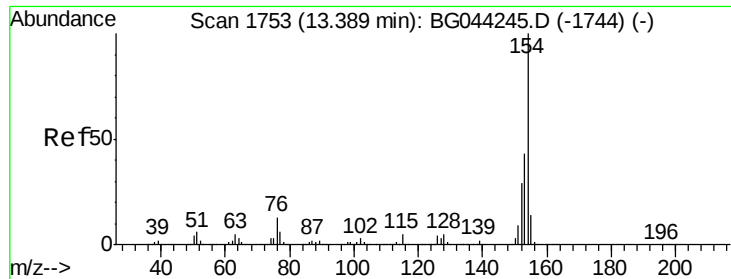


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

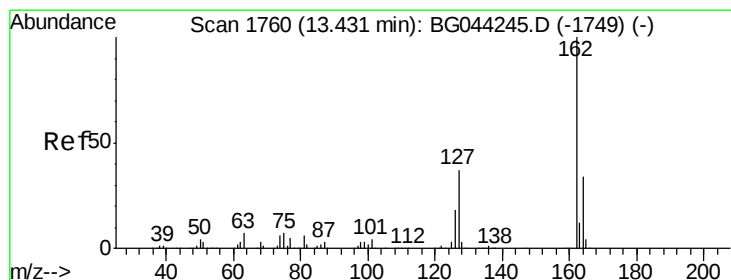
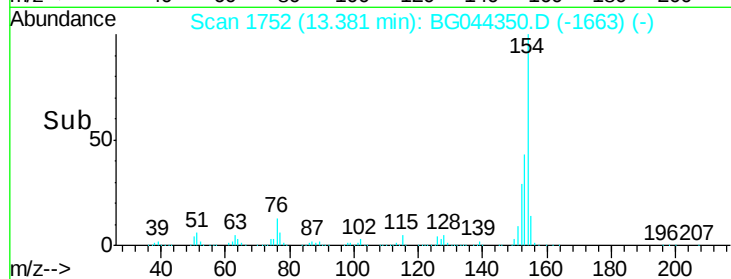
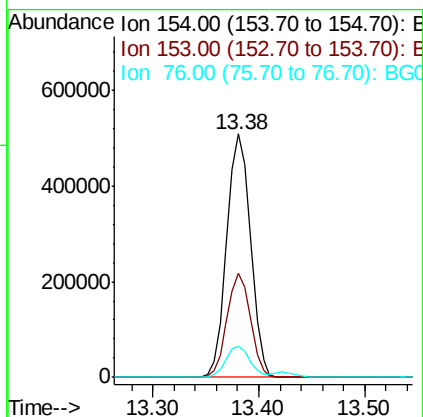
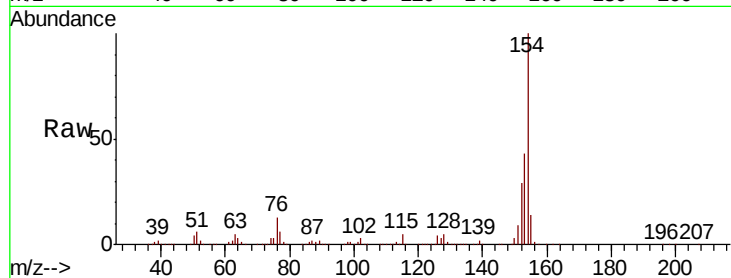
Ion 170.00 (169.70 to 170.70): E





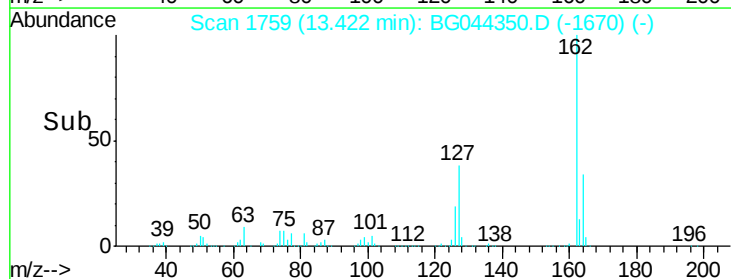
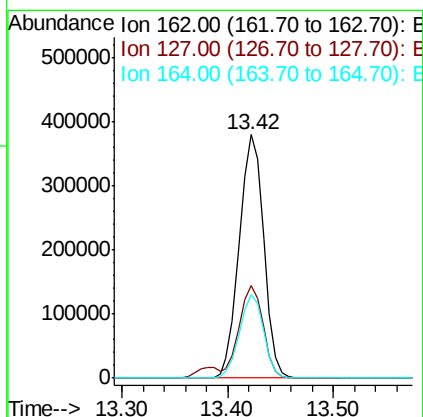
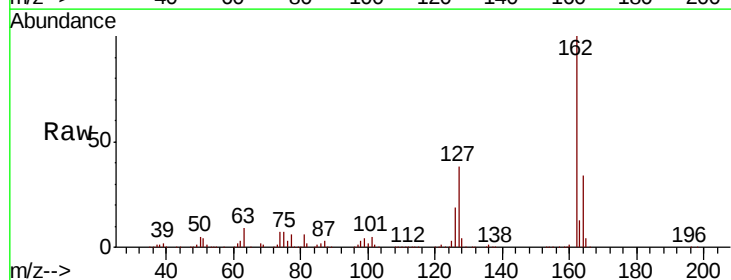
#46  
 1,1'-Biphenyl  
 Concen: 41.783 ng  
 RT: 13.38 min Scan# 1752  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

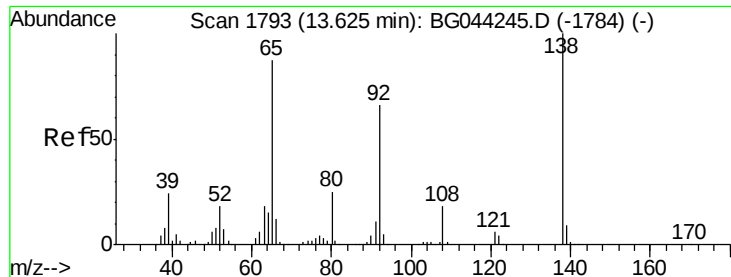
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 154   | Resp: | 790319 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 42.9  | 22.7  | 62.7   |
| 76       | 12.9  | 0.0   | 32.9   |



#47  
 2-Chloronaphthalene  
 Concen: 40.471 ng  
 RT: 13.42 min Scan# 1759  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

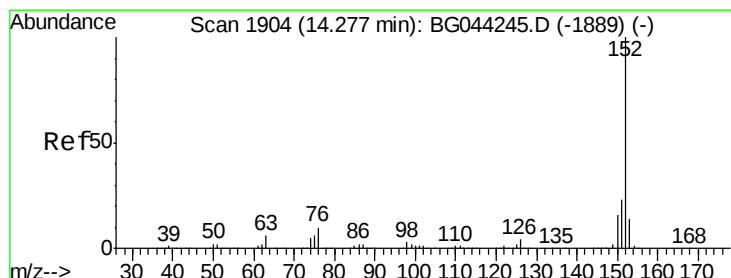
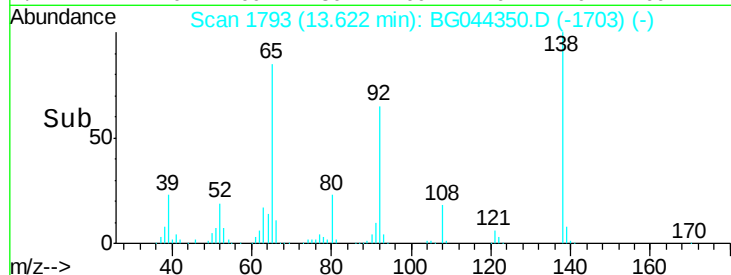
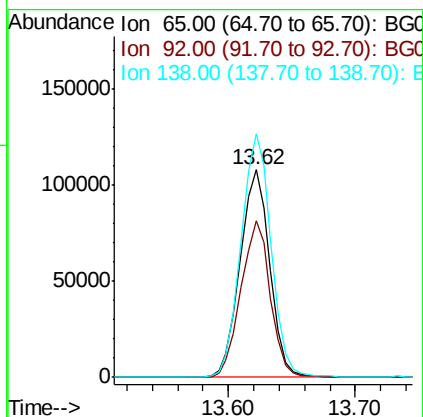
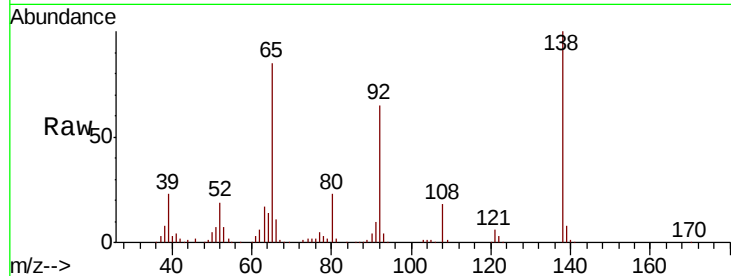
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 609138 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 38.1  | 30.0  | 45.0   |
| 164      | 34.2  | 27.2  | 40.8   |





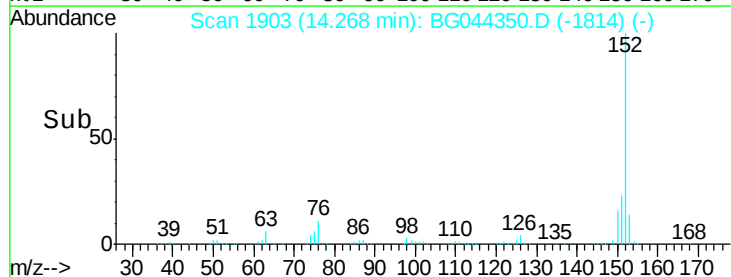
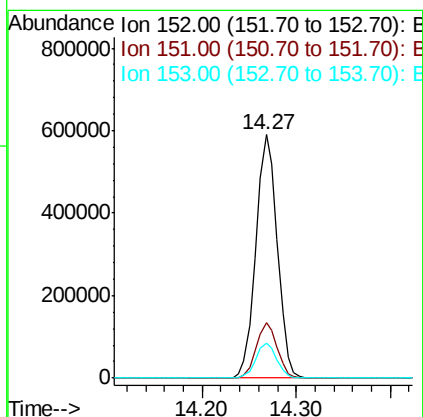
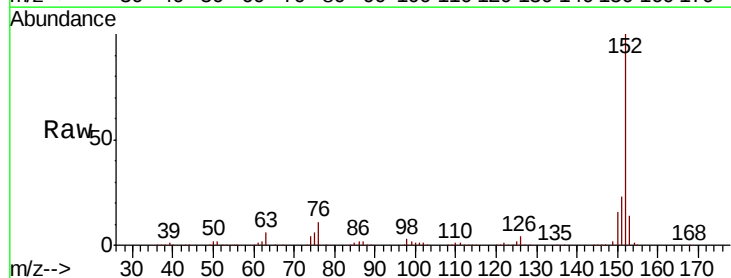
#48  
2-Nitroaniline  
Concen: 39.786 ng  
RT: 13.62 min Scan# 1793  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

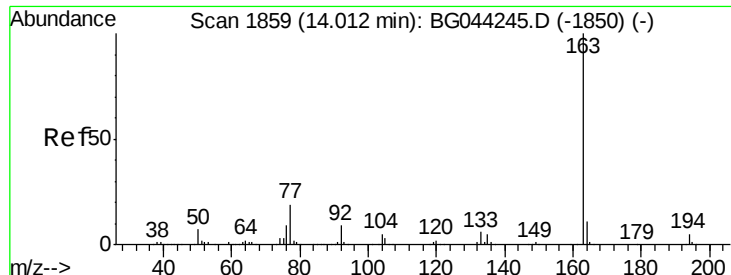
Tot Ion: 65 Resp: 176728  
Ion Ratio Lower Upper  
65 100  
92 75.7 60.3 90.5  
138 117.3 91.9 137.9



#49  
Acenaphthylene  
Concen: 42.093 ng  
RT: 14.27 min Scan# 1903  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

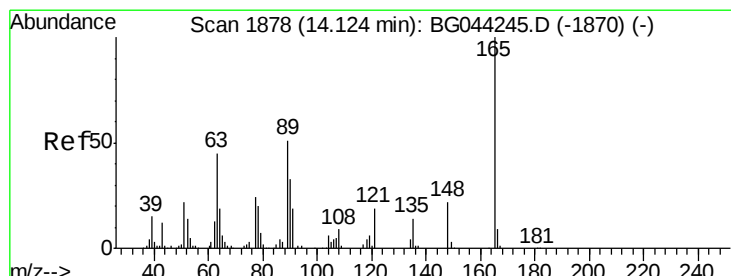
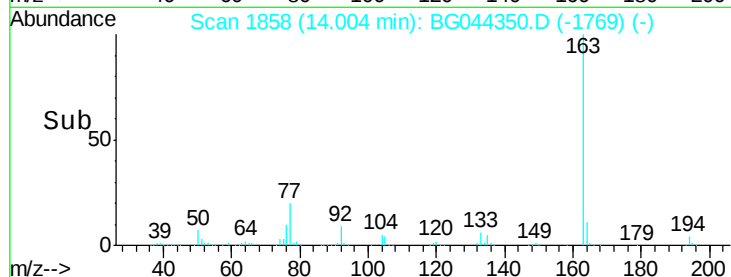
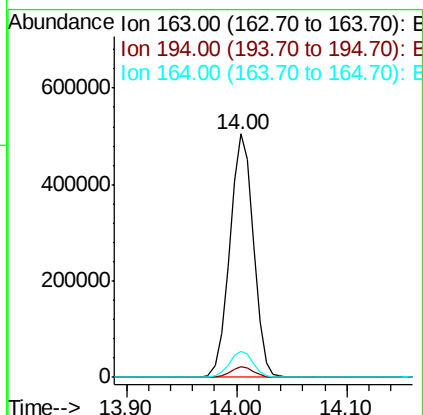
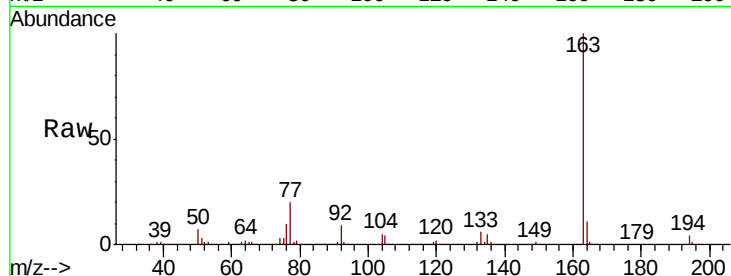
Tgt Ion: 152 Resp: 929259  
Ion Ratio Lower Upper  
152 100  
151 22.7 18.1 27.1  
153 14.4 11.5 17.3





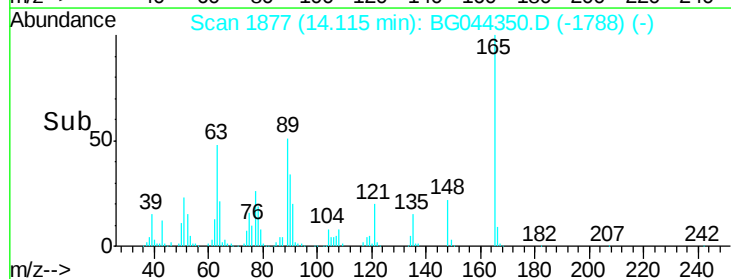
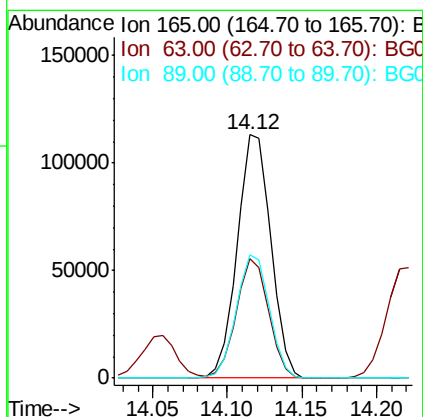
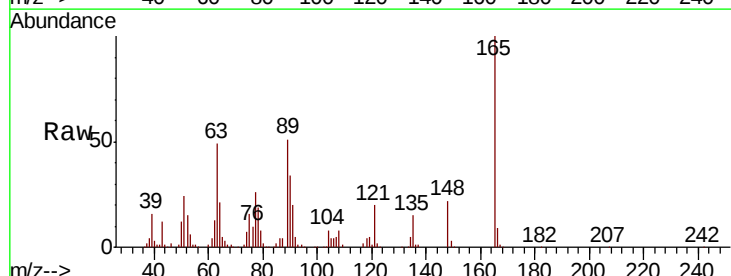
#50  
Dimethylphthalate  
Concen: 40.246 ng  
RT: 14.00 min Scan# 1858  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

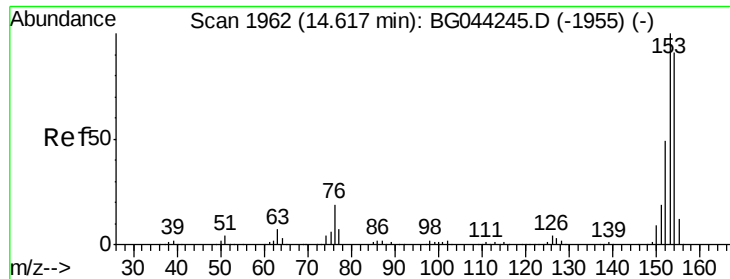
Tot Ion:163 Resp: 758617  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.6 5.4  
164 10.9 8.7 13.1



#51  
2,6-Dinitrotoluene  
Concen: 42.066 ng  
RT: 14.12 min Scan# 1877  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

Tgt Ion:165 Resp: 176796  
Ion Ratio Lower Upper  
165 100  
63 49.0 38.7 58.1  
89 50.8 40.4 60.6





#52

Acenaphthene

Concen: 40.902 ng

RT: 14.61 min Scan# 1962

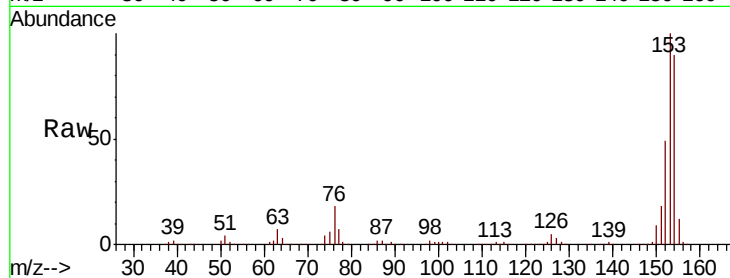
Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tot Ion:154 Resp: 585269

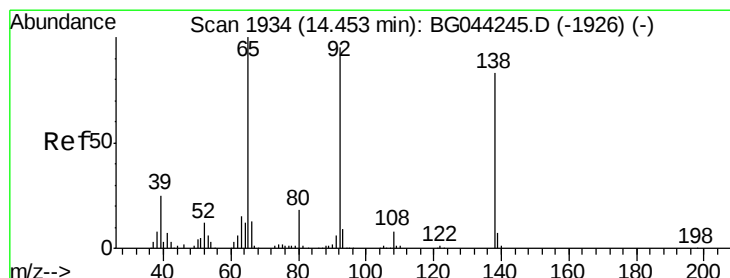
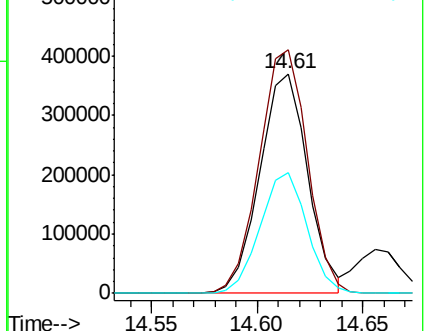
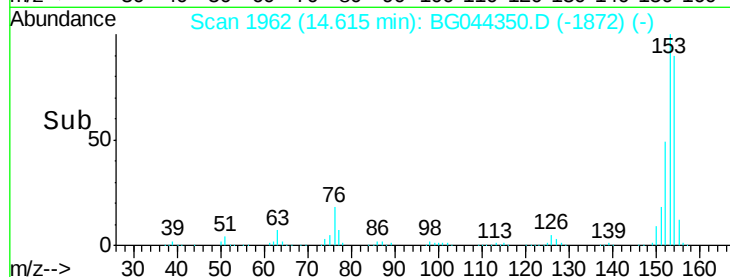
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 111.0 | 87.9  | 131.9 |
| 152 | 54.9  | 43.1  | 64.7  |



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 26.271 ng

RT: 14.45 min Scan# 1934

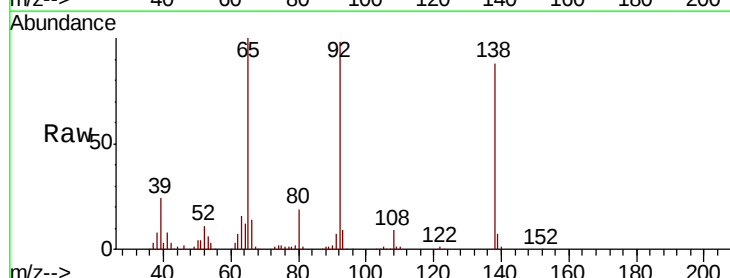
Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tgt Ion:138 Resp: 122153

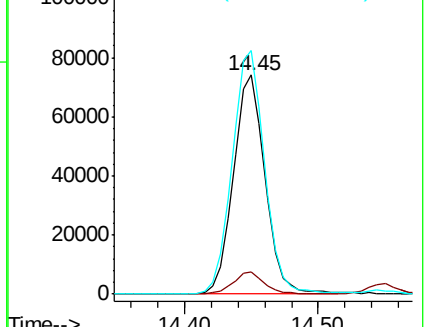
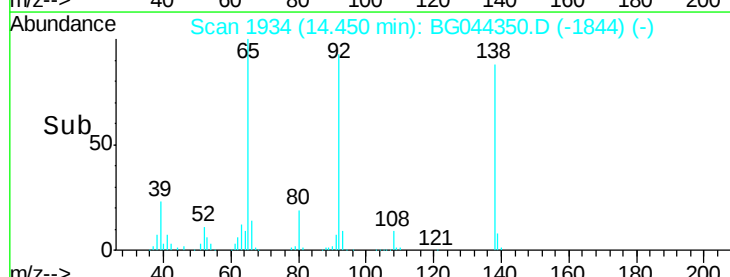
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.1  | 7.9   | 11.9  |
| 92  | 111.1 | 91.0  | 136.4 |

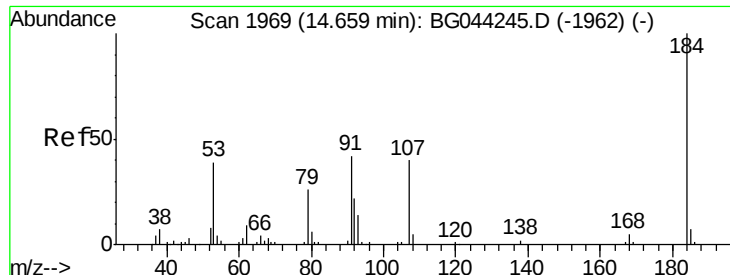


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

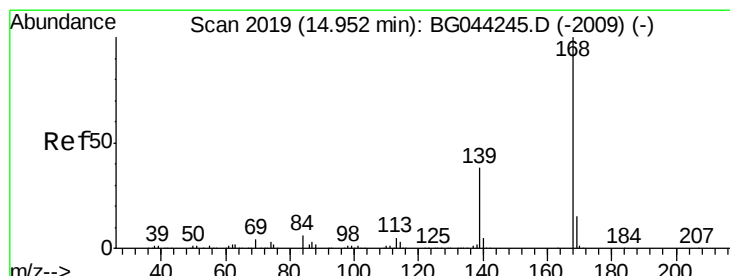
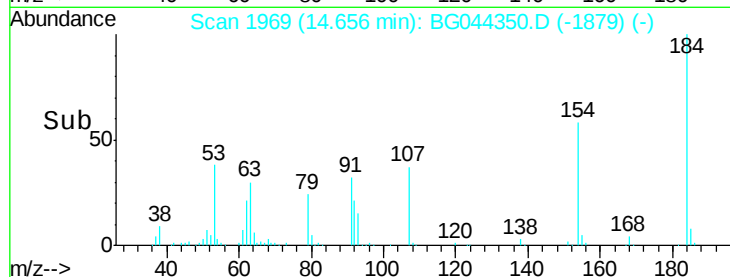
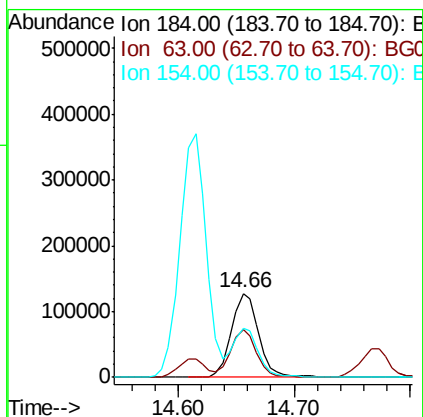
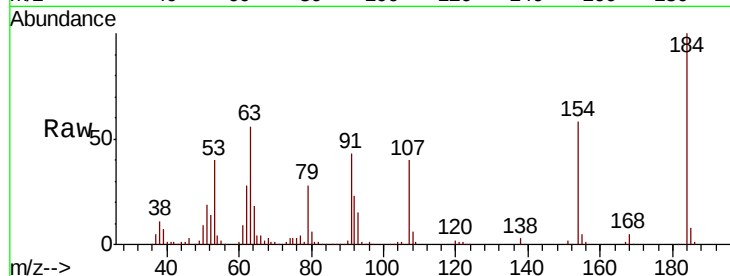
Ion 92.00 (91.70 to 92.70): BG





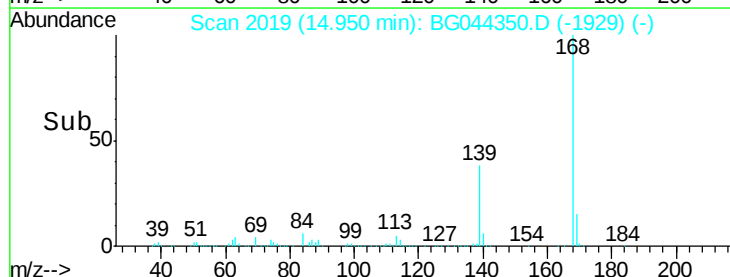
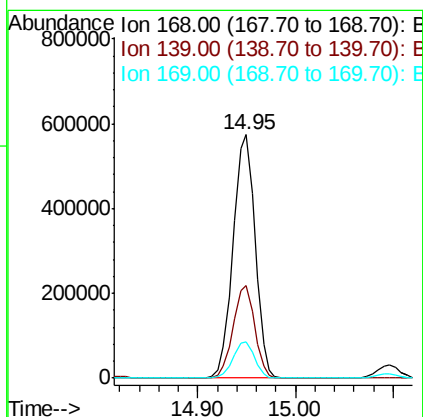
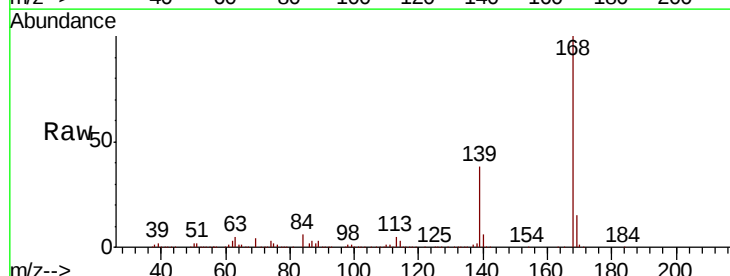
#54  
 2,4-Dinitrophenol  
 Concen: 83.653 ng  
 RT: 14.66 min Scan# 1969  
 Delta R.T. -0.00 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

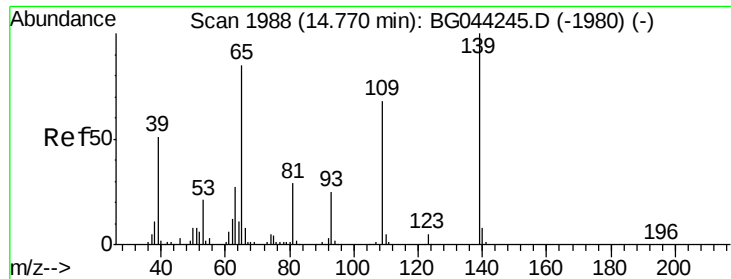
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 56.2  | 44.1  | 66.1  |
| 154     | 58.3  | 45.4  | 68.0  |



#55  
 Dibenzofuran  
 Concen: 41.561 ng  
 RT: 14.95 min Scan# 2019  
 Delta R.T. -0.00 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

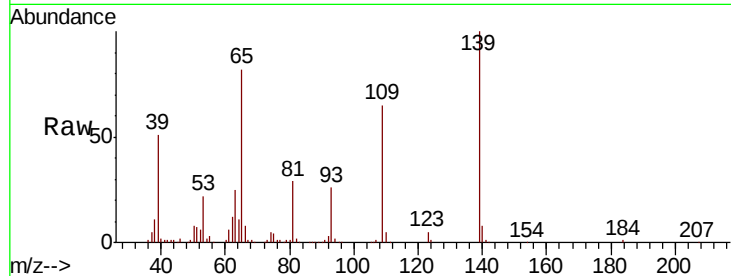
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.9  | 30.5  | 45.7  |
| 169     | 14.7  | 11.7  | 17.5  |





#56  
4-Nitrophenol  
Concen: 86.603 ng  
RT: 14.77 min Scan# 1989  
Delta R.T. 0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 64.5  | 47.5  | 87.5  |
| 65      | 82.3  | 64.9  | 104.9 |

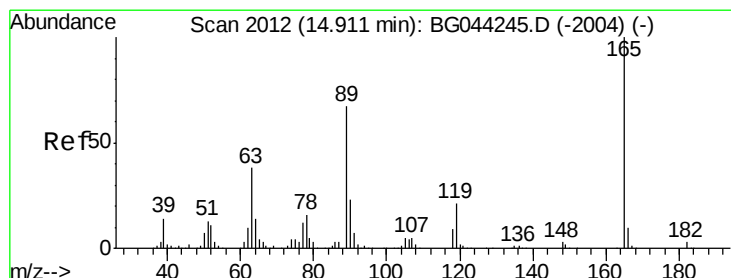
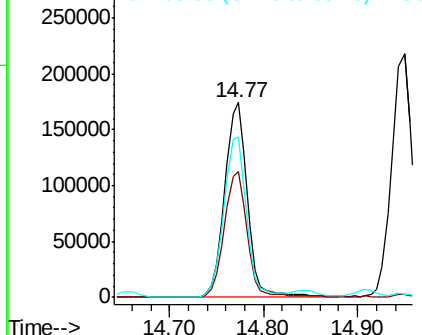
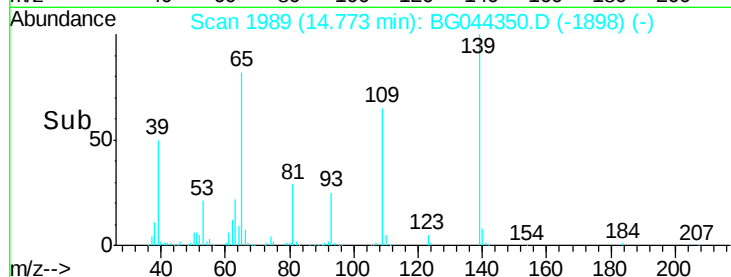


Abundance

Ion 139.00 (138.70 to 139.70): E

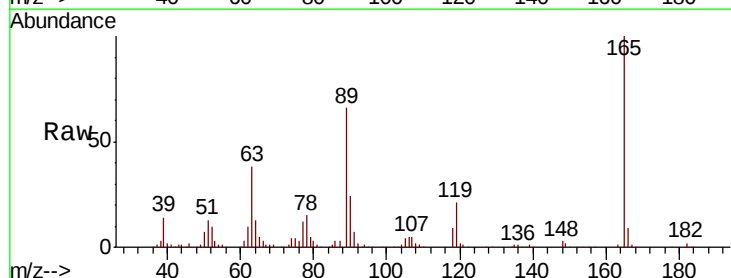
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57  
2,4-Dinitrotoluene  
Concen: 40.870 ng  
RT: 14.91 min Scan# 2012  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 38.1  | 30.3  | 45.5  |
| 89      | 65.8  | 53.4  | 80.2  |
| 182     | 2.5   | 2.1   | 3.1   |



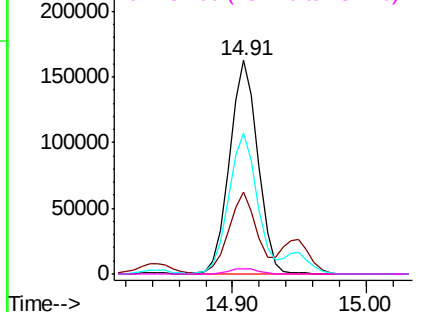
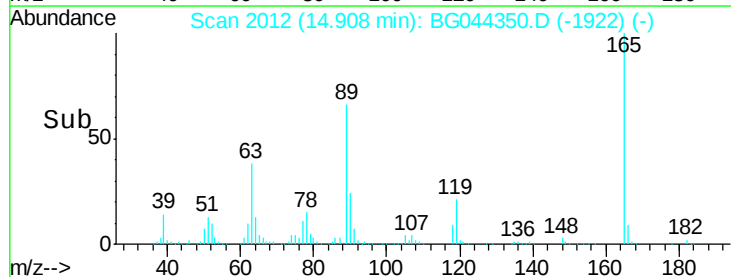
Abundance

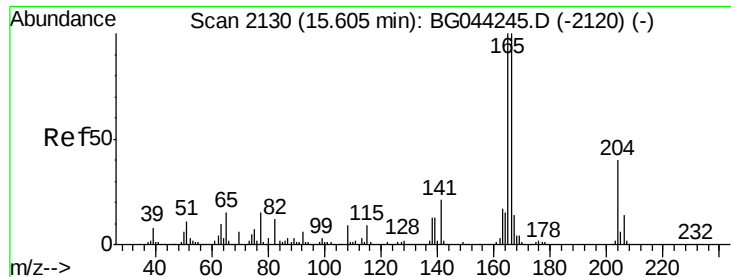
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

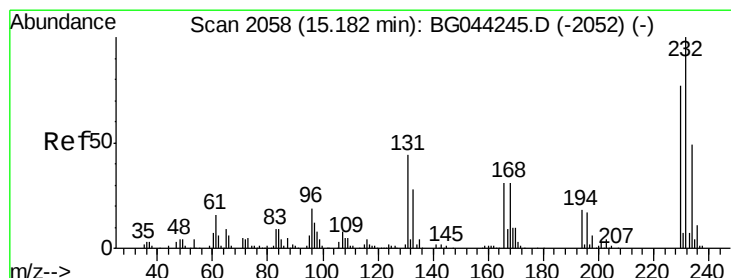
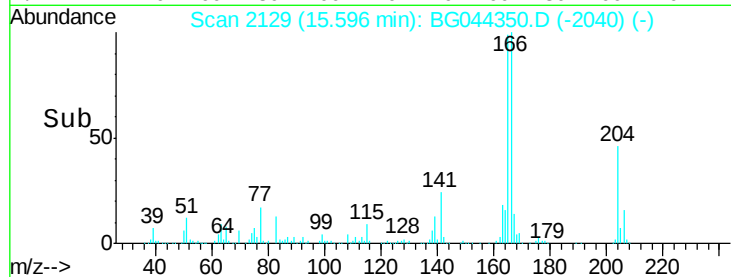
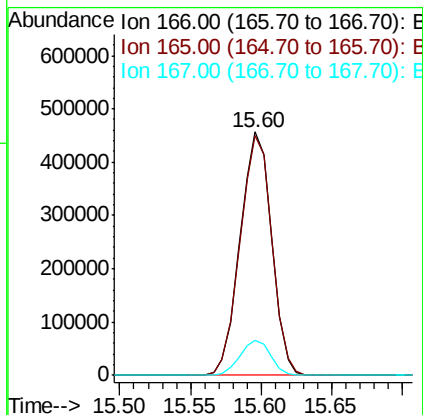
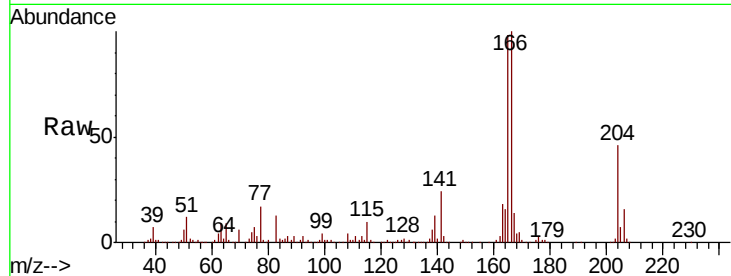
Ion 182.00 (181.70 to 182.70): E





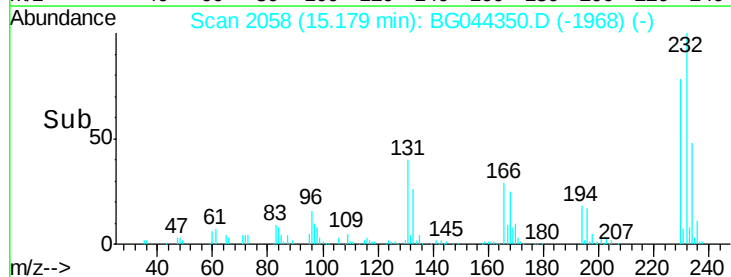
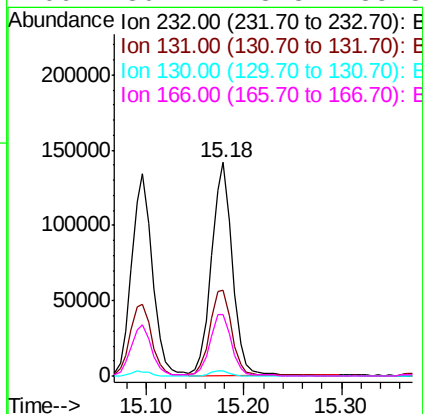
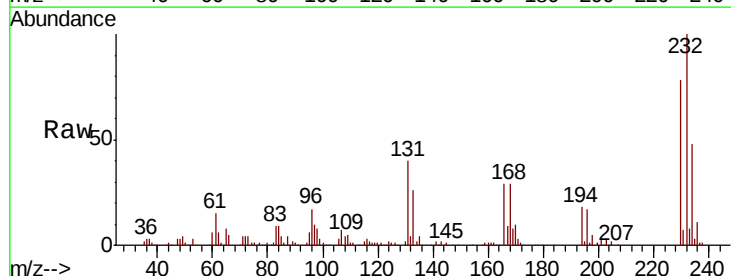
#58  
 Fluorene  
 Concen: 41.738 ng  
 RT: 15.60 min Scan# 2129  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

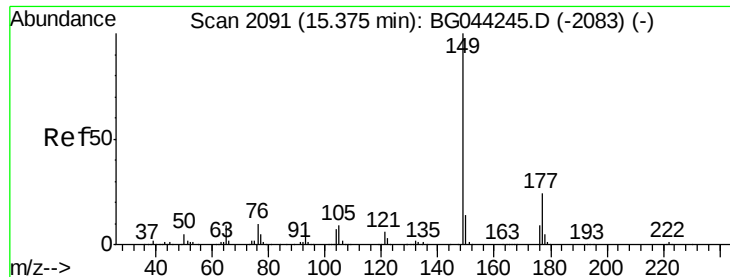
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.3  | 79.9  | 119.9 |
| 167     | 14.3  | 11.4  | 17.0  |



#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.927 ng  
 RT: 15.18 min Scan# 2058  
 Delta R.T. -0.00 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 41.1  | 34.2  | 51.4  |
| 130     | 2.3   | 1.8   | 2.8   |
| 166     | 30.2  | 23.8  | 35.8  |





#60

Diethylphthalate

Concen: 40.337 ng

RT: 15.37 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

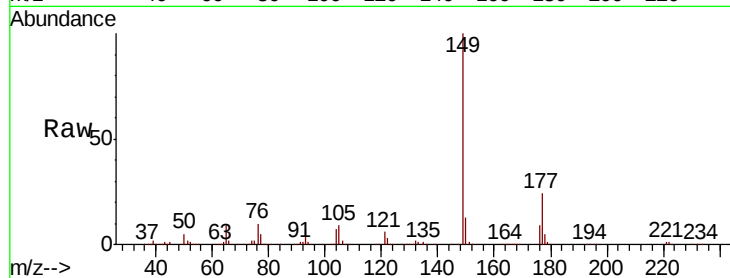
Tot Ion:149 Resp: 757616

Ion Ratio Lower Upper

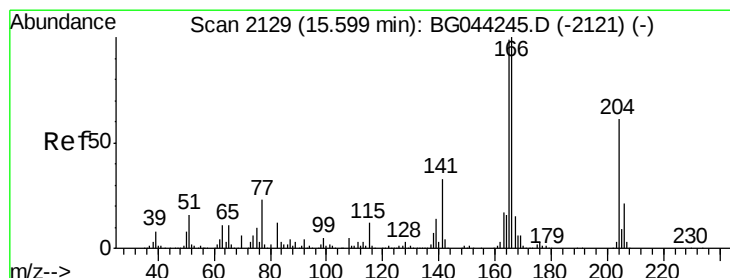
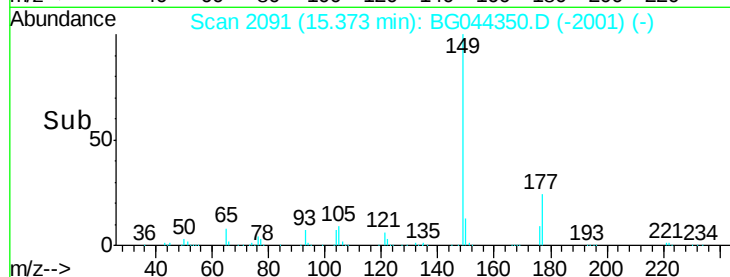
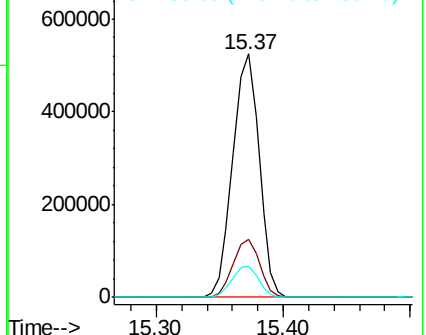
149 100

177 24.1 19.4 29.0

150 12.9 10.9 16.3



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



#61

4-Chlorophenyl-phenylether

Concen: 40.560 ng

RT: 15.59 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

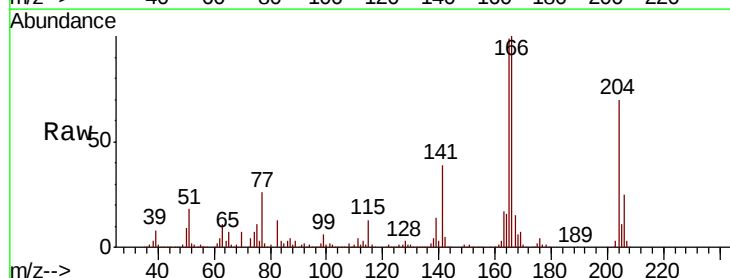
Tgt Ion:204 Resp: 375264

Ion Ratio Lower Upper

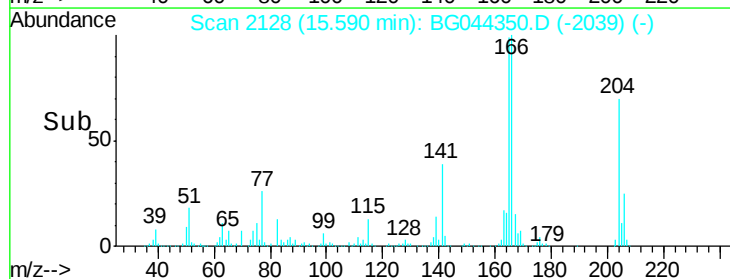
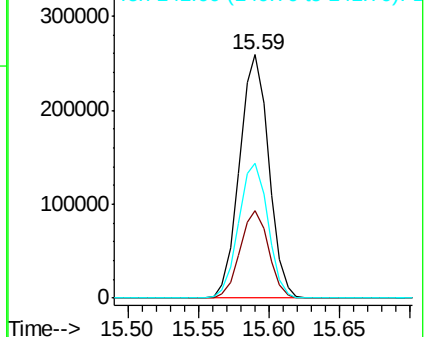
204 100

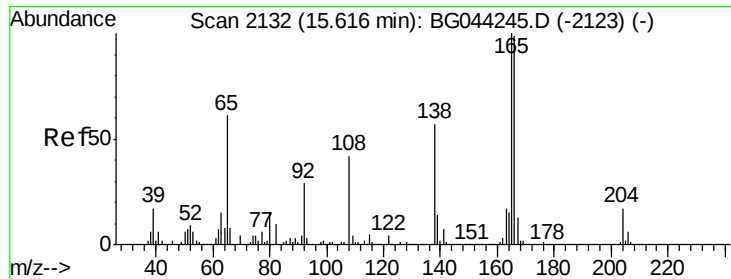
206 35.8 27.6 41.4

141 55.5 43.4 65.0



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





#62

4-Nitroaniline

Concen: 36.327 ng

RT: 15.61 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

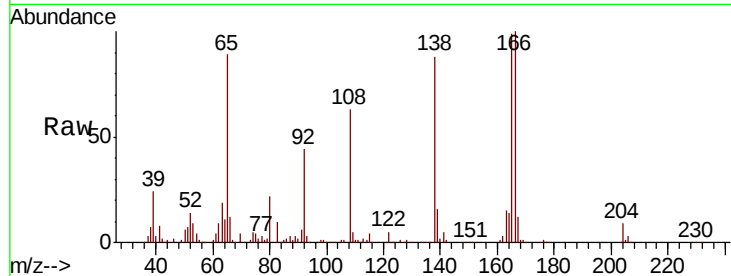
Tot Ion:138 Resp: 168784

Ion Ratio Lower Upper

138 100

92 49.9 31.3 71.3

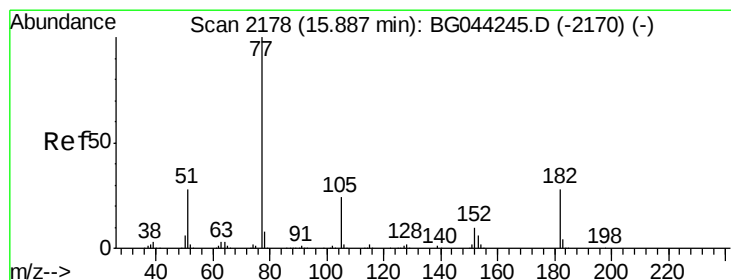
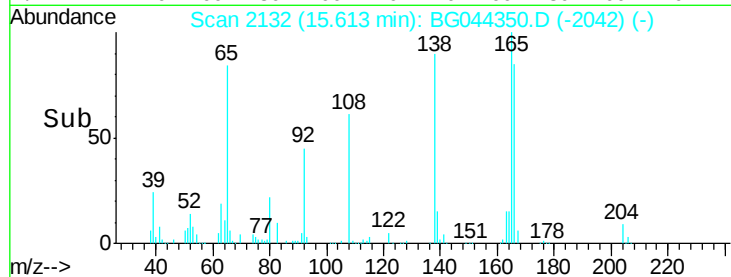
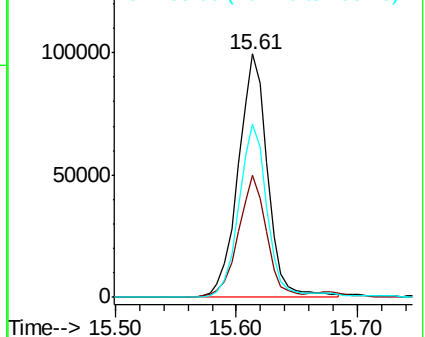
108 71.0 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 40.958 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tgt Ion: 77 Resp: 674222

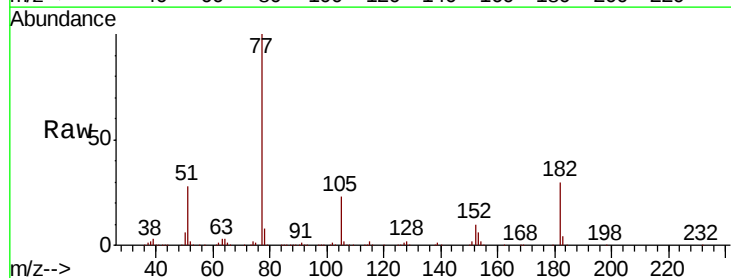
Ion Ratio Lower Upper

77 100

182 29.8 8.2 48.2

105 22.9 3.6 43.6

51 27.7 8.3 48.3

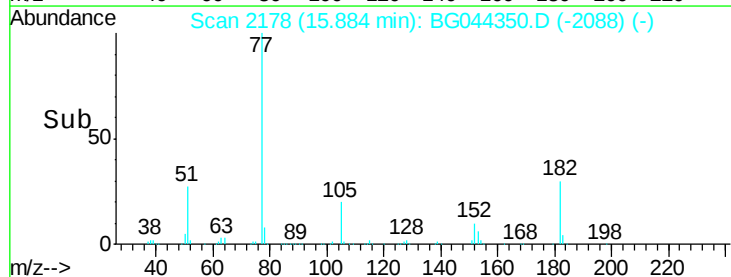
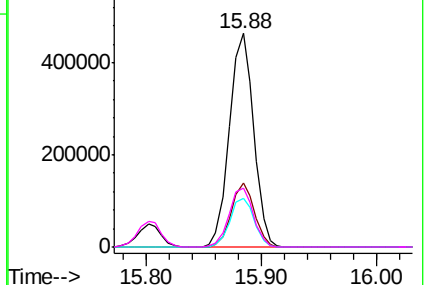


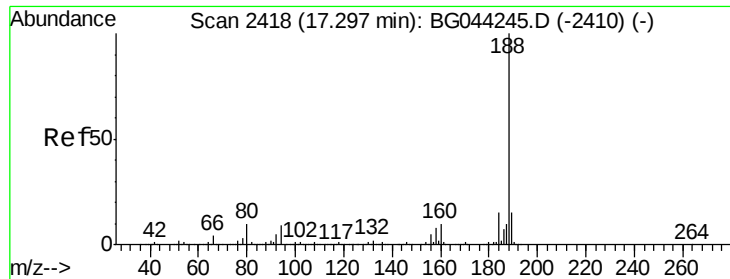
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

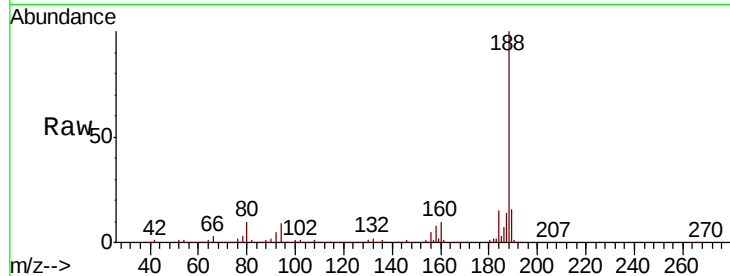
Ion 51.00 (50.70 to 51.70): BGC



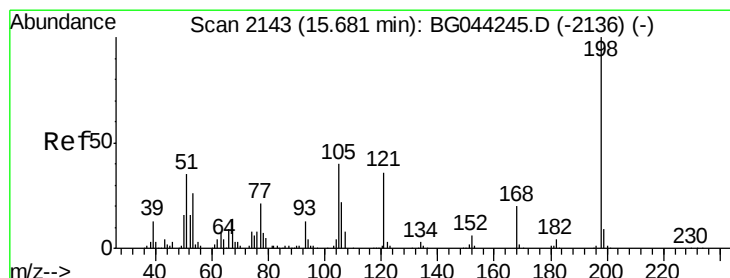
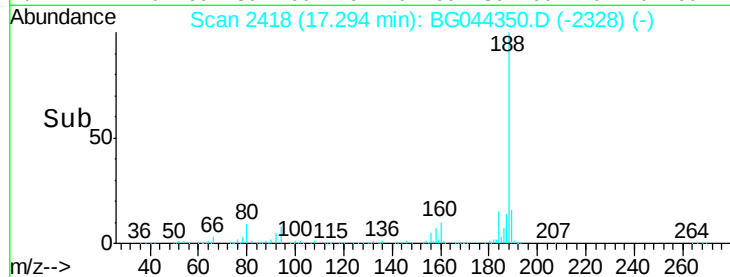
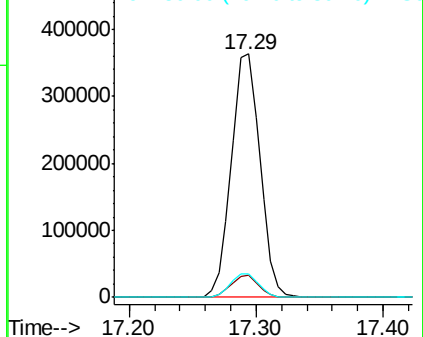


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.29 min Scan# 2418  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

Tot Ion:188 Resp: 568648  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.4 11.2  
80 9.5 7.7 11.5

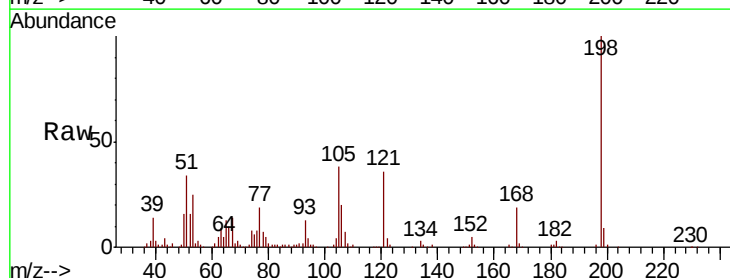


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BG  
Ion 80.00 (79.70 to 80.70): BG

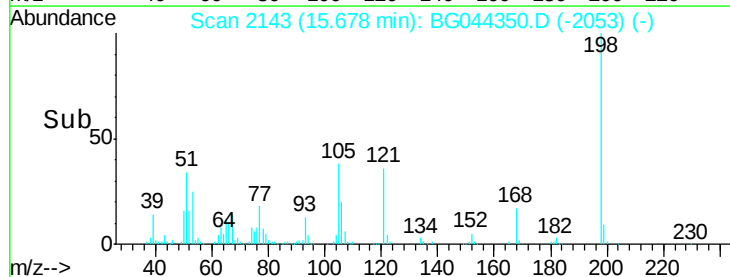
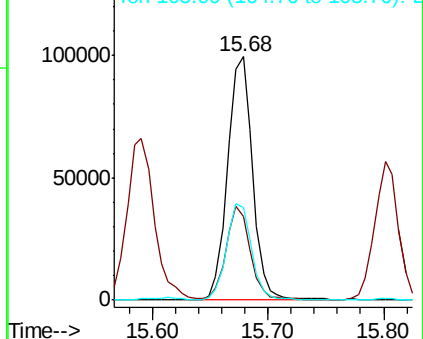


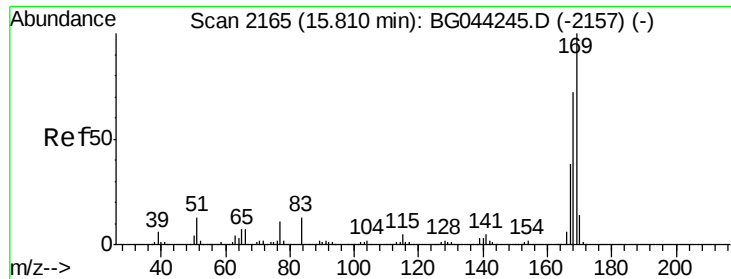
#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.525 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.00 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

Tgt Ion:198 Resp: 149179  
Ion Ratio Lower Upper  
198 100  
51 34.1 16.6 56.6  
105 38.0 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E

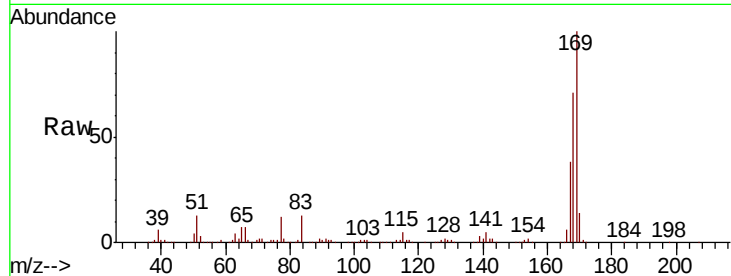




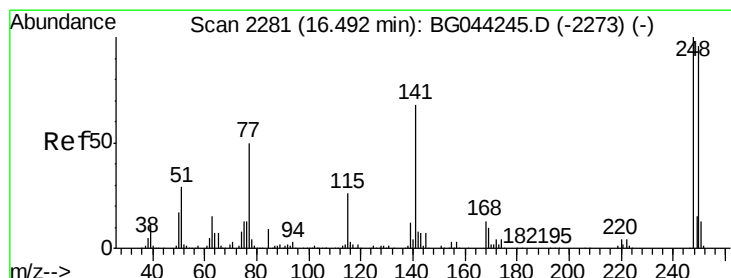
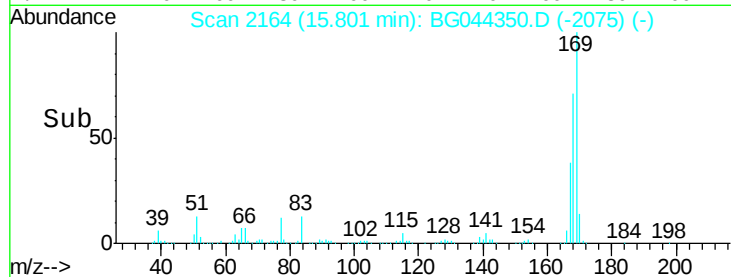
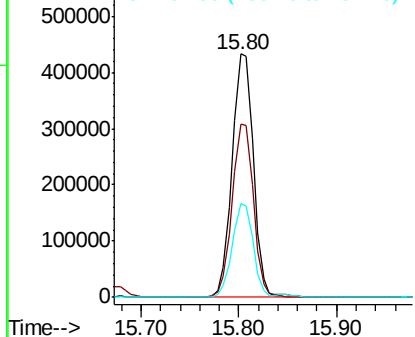
#66

n-Nitrosodiphenylamine  
 Concen: 40.954 ng  
 RT: 15.80 min Scan# 2164  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

|     |         |       |        |
|-----|---------|-------|--------|
| Tot | Ion:169 | Resp: | 652639 |
| Ion | Ratio   | Lower | Upper  |
| 169 | 100     |       |        |
| 168 | 71.1    | 57.9  | 86.9   |
| 167 | 38.4    | 30.7  | 46.1   |



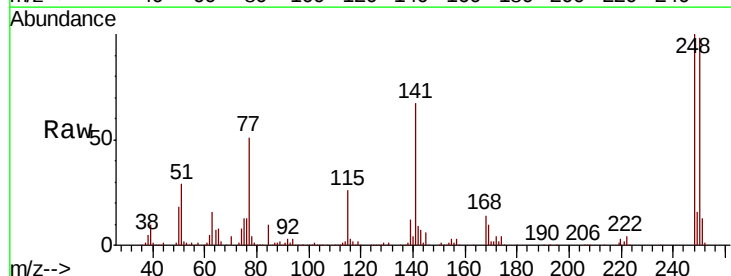
Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E



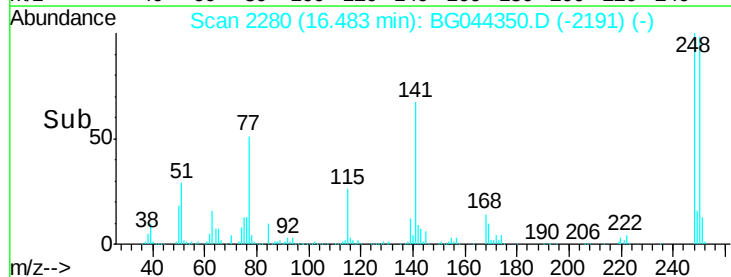
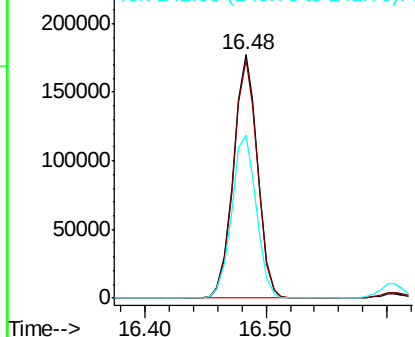
#67

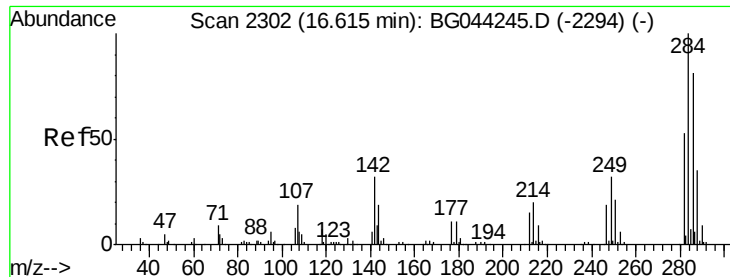
4-Bromophenyl-phenylether  
 Concen: 39.585 ng  
 RT: 16.48 min Scan# 2280  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:248 | Resp: | 245244 |
| Ion | Ratio   | Lower | Upper  |
| 248 | 100     |       |        |
| 250 | 98.1    | 76.6  | 114.8  |
| 141 | 66.9    | 54.7  | 82.1   |



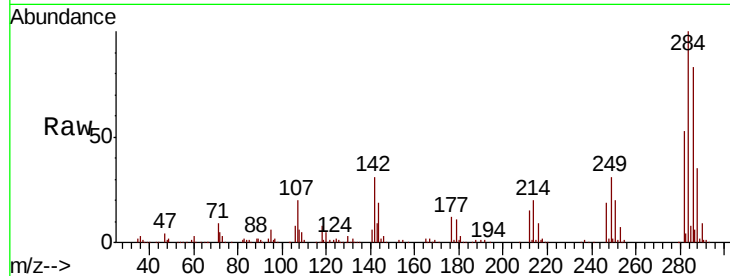
Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E



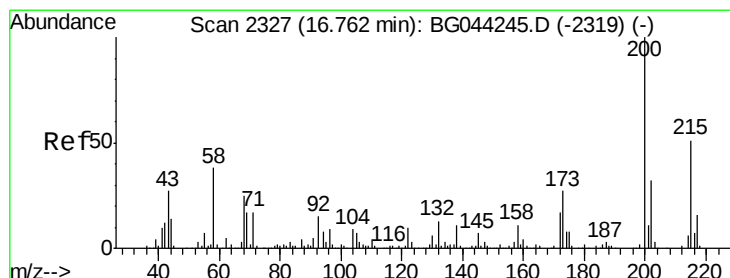
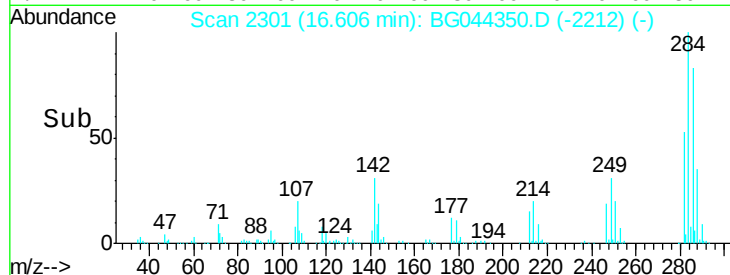
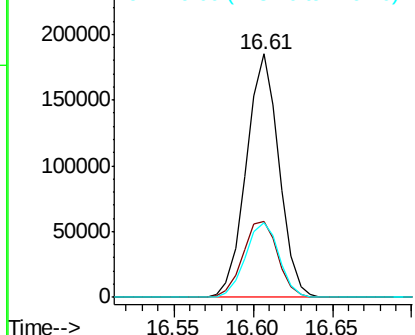


#68  
Hexachlorobenzene  
Concen: 38.000 ng  
RT: 16.61 min Scan# 2301  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.2  | 25.3  | 37.9  |
| 249     | 30.8  | 25.5  | 38.3  |

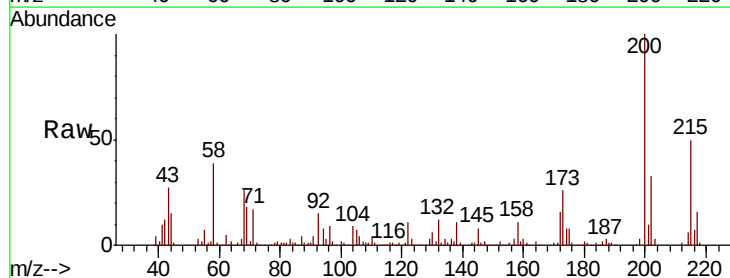


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

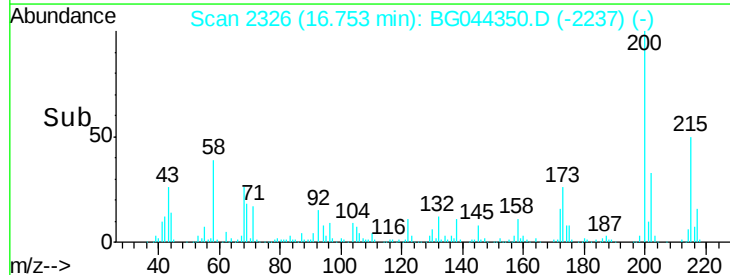
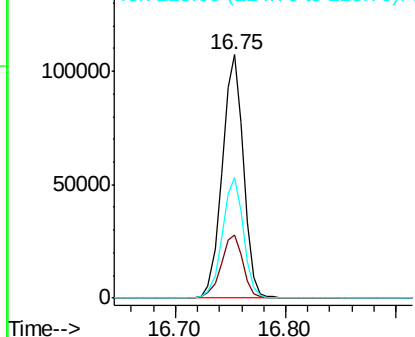


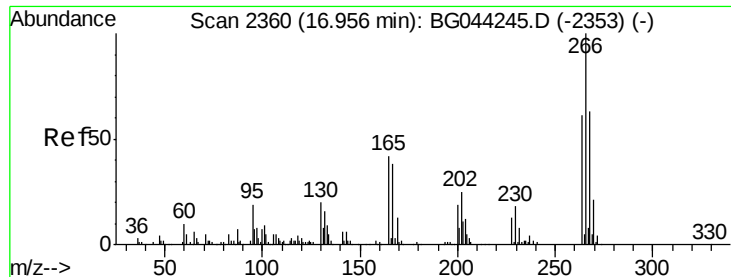
#69  
Atrazine  
Concen: 26.355 ng  
RT: 16.75 min Scan# 2326  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.2  | 6.6   | 46.6  |
| 215     | 49.5  | 31.0  | 71.0  |



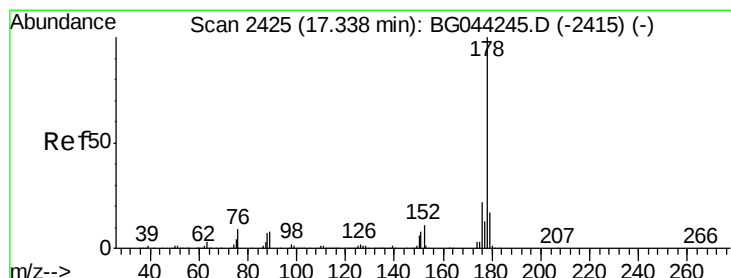
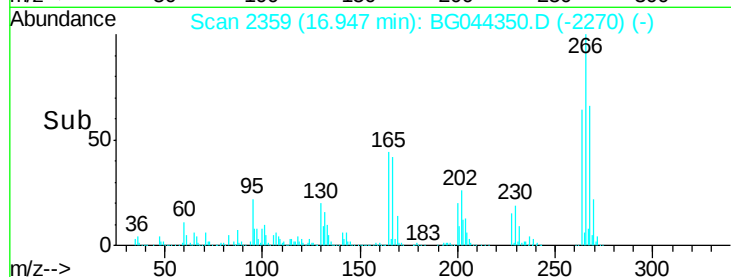
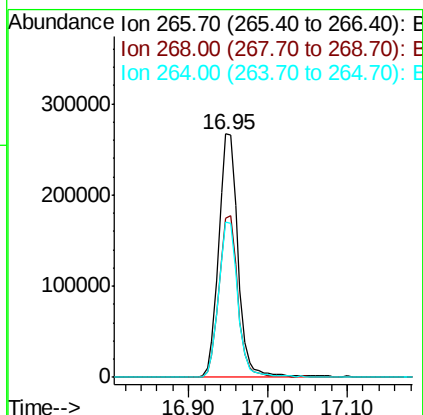
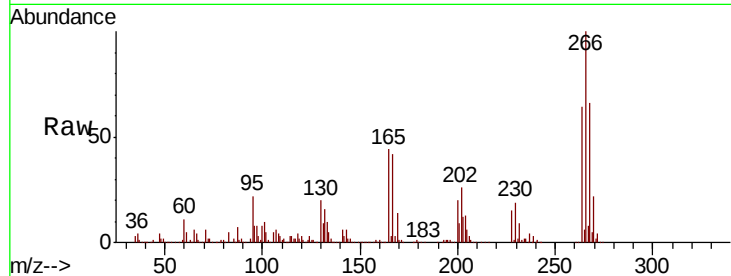
Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





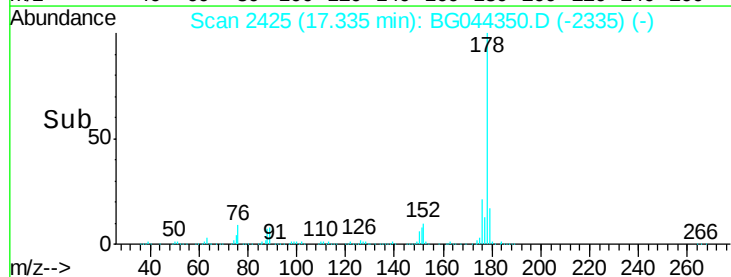
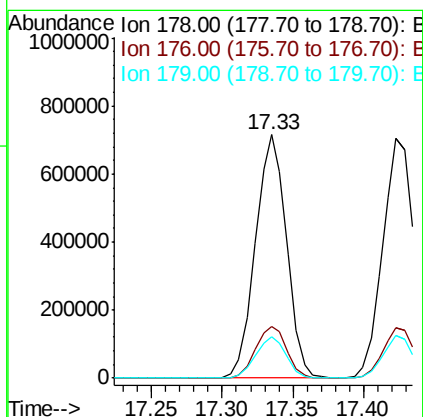
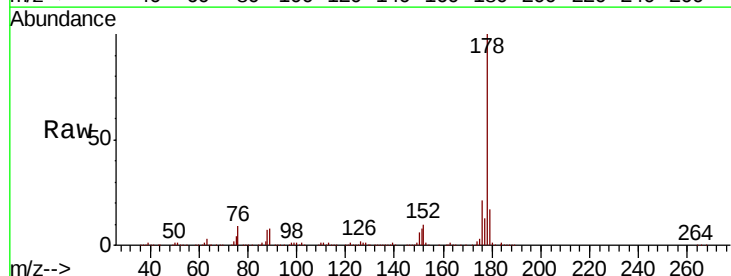
#70  
 Pentachlorophenol  
 Concen: 127.416 ng  
 RT: 16.95 min Scan# 2359  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

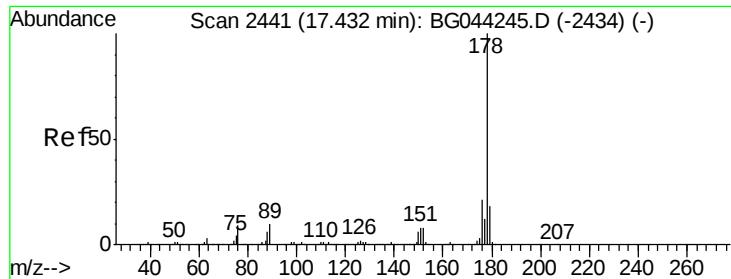
Tot Ion:266 Resp: 454019  
 Ion Ratio Lower Upper  
 266 100  
 268 65.5 50.6 75.8  
 264 64.0 48.7 73.1



#71  
 Phenanthrene  
 Concen: 40.116 ng  
 RT: 17.33 min Scan# 2425  
 Delta R.T. -0.00 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

Tgt Ion:178 Resp: 1104624  
 Ion Ratio Lower Upper  
 178 100  
 176 21.2 17.7 26.5  
 179 17.2 13.7 20.5





#72

Anthracene

Concen: 40.242 ng

RT: 17.42 min Scan# 2440

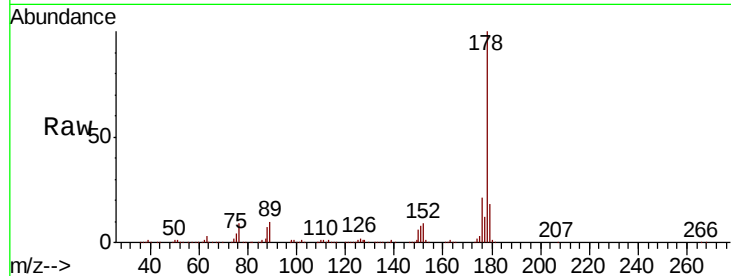
Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tot Ion:178 Resp: 1095538

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 21.1  | 17.0  | 25.4  |
| 179 | 17.7  | 14.4  | 21.6  |

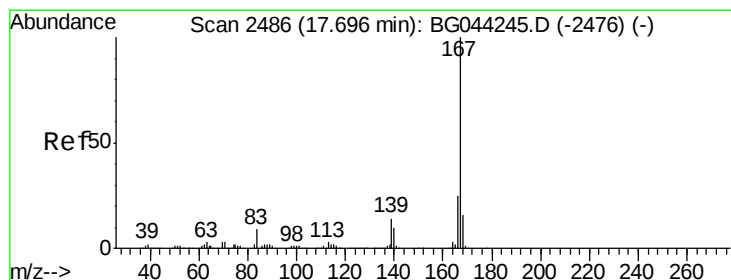
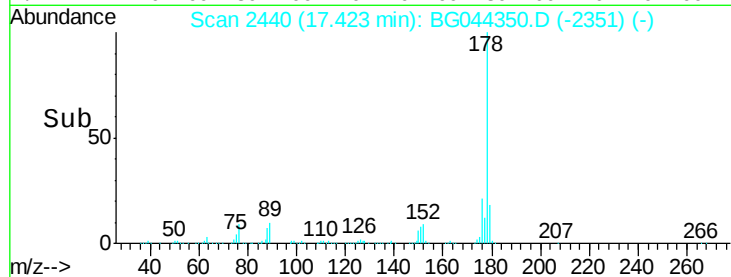
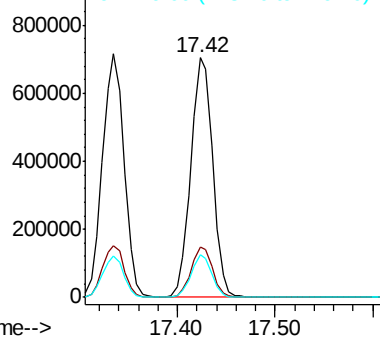


Abundance

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



#73

Carbazole

Concen: 40.559 ng

RT: 17.69 min Scan# 2486

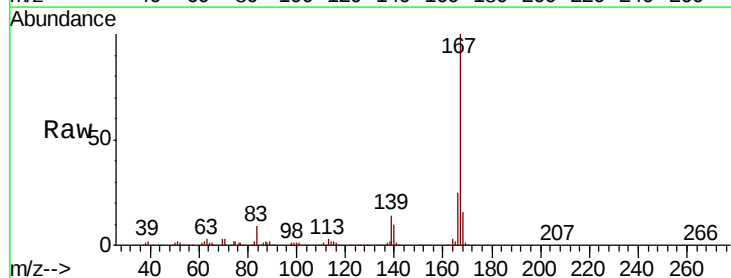
Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tgt Ion:167 Resp: 1017903

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 25.2  | 19.8  | 29.6  |
| 139 | 14.0  | 11.1  | 16.7  |

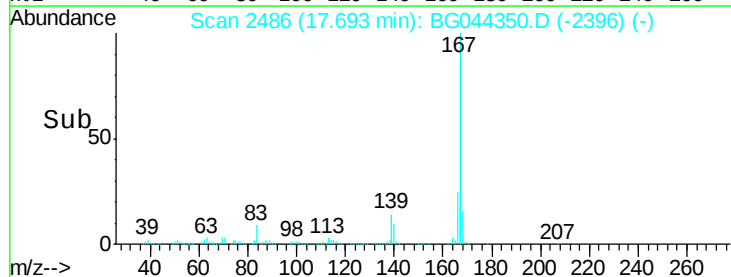
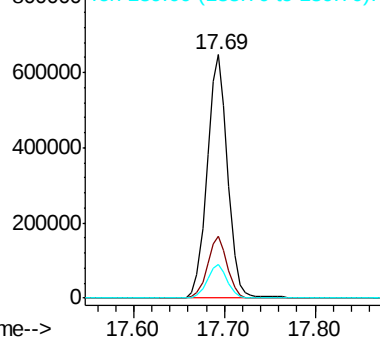


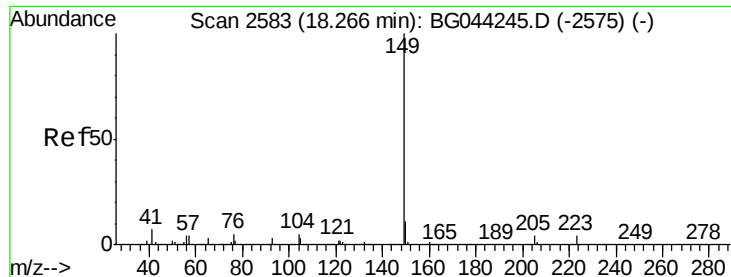
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

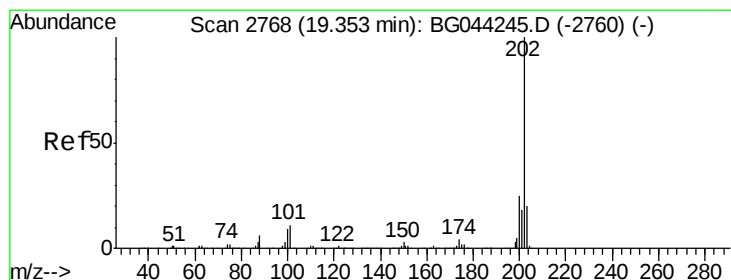
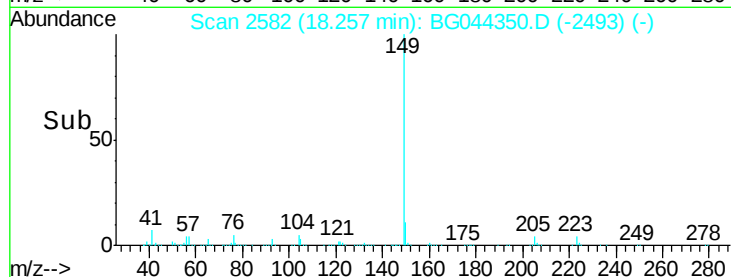
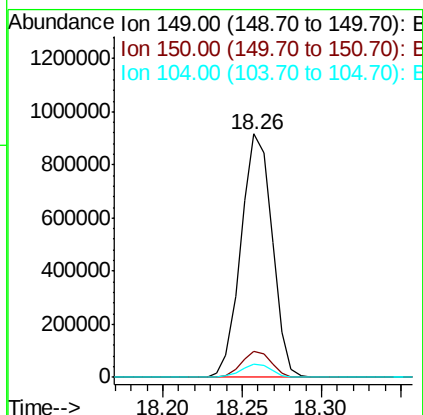
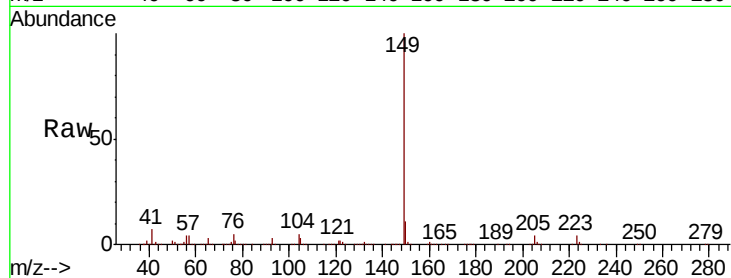
Ion 139.00 (138.70 to 139.70): E





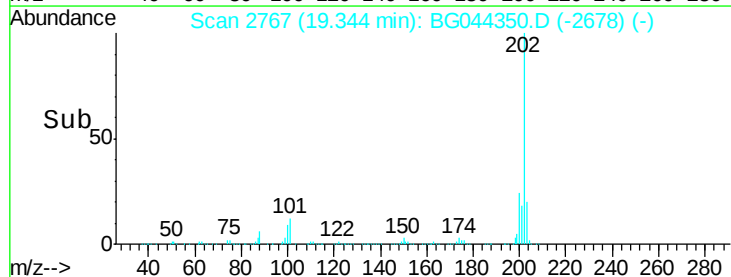
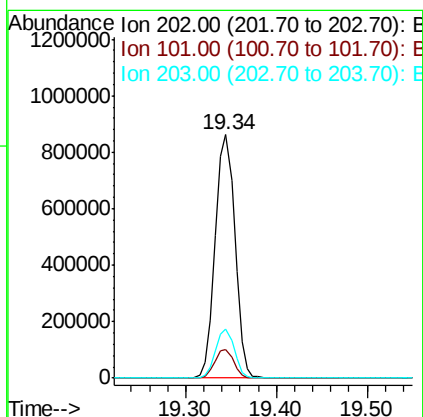
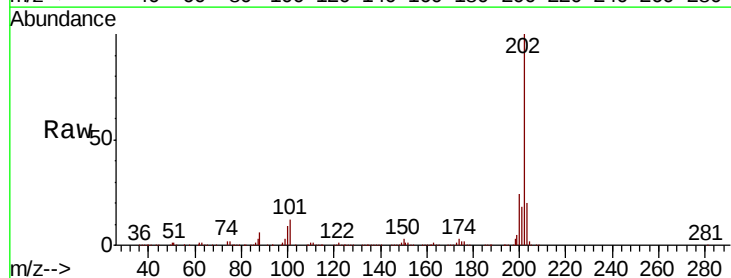
#74  
Di-n-butylphthalate  
Concen: 40.371 ng  
RT: 18.26 min Scan# 2582  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

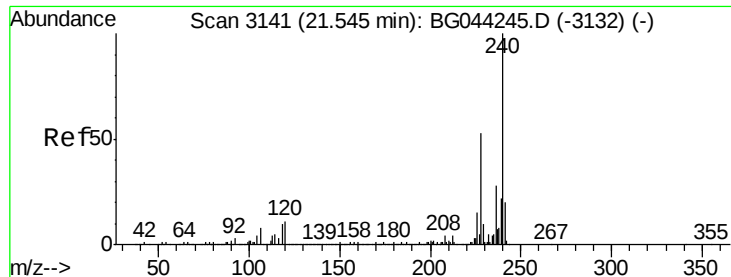
Tot Ion:149 Resp: 1252065  
Ion Ratio Lower Upper  
149 100  
150 10.9 8.7 13.1  
104 5.3 4.3 6.5



#75  
Fluoranthene  
Concen: 40.746 ng  
RT: 19.34 min Scan# 2767  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

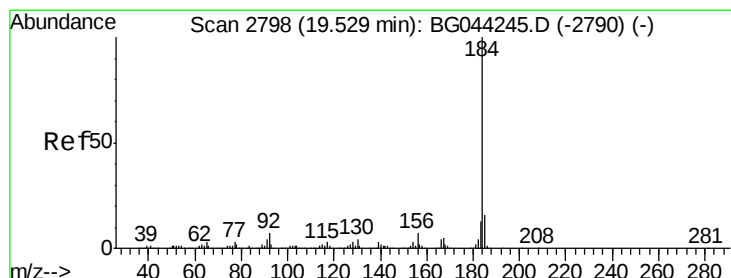
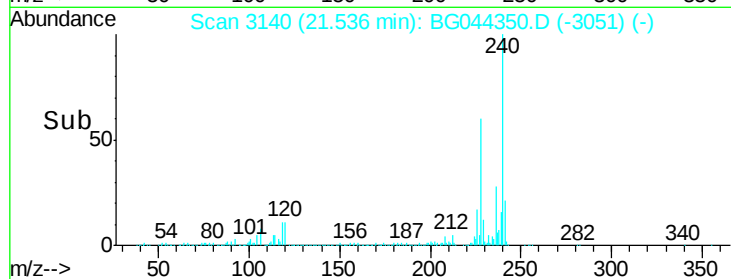
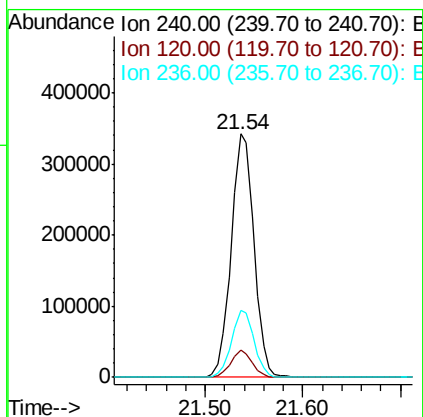
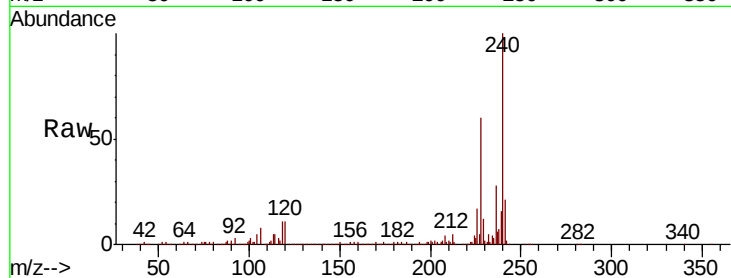
Tgt Ion:202 Resp: 1297931  
Ion Ratio Lower Upper  
202 100  
101 11.7 0.0 31.3  
203 20.0 0.0 39.9





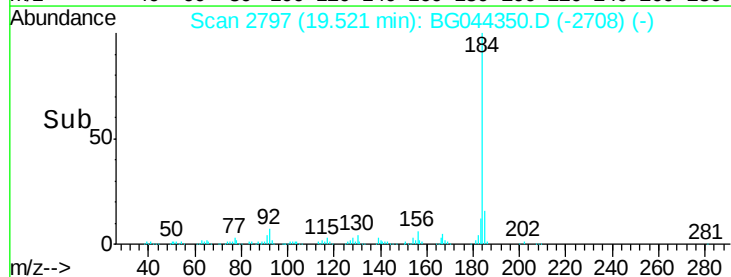
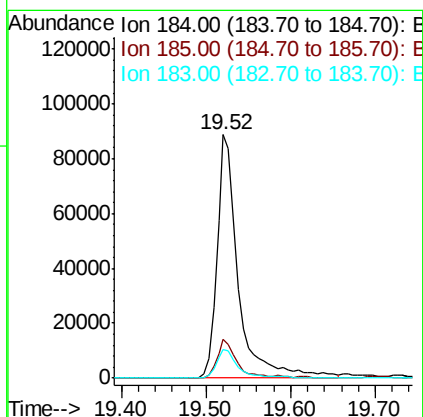
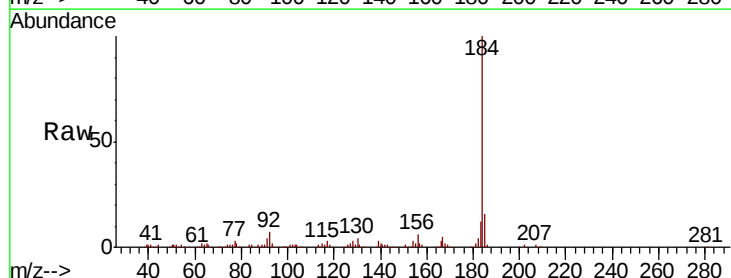
#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.54 min Scan# 3140  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

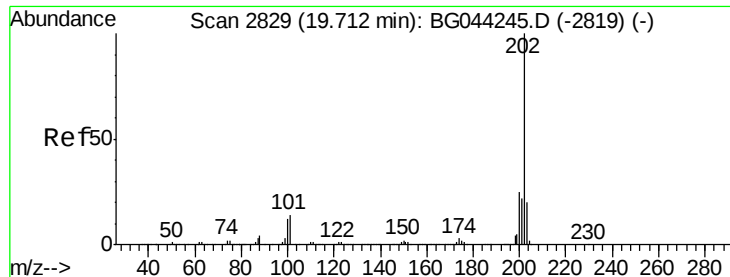
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.0  | 8.4   | 12.6  |
| 236     | 27.7  | 22.1  | 33.1  |



#77  
 Benzidine  
 Concen: 10.229 ng  
 RT: 19.52 min Scan# 2797  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.1  | 12.9  | 19.3  |
| 183     | 11.8  | 10.8  | 16.2  |

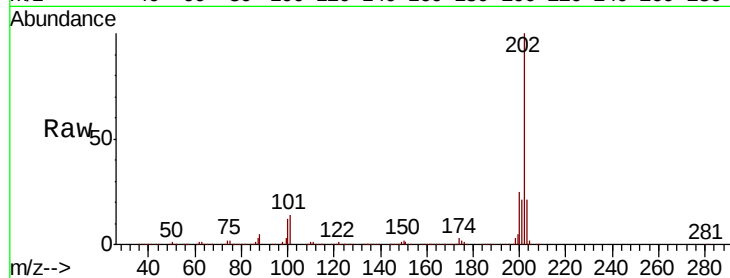




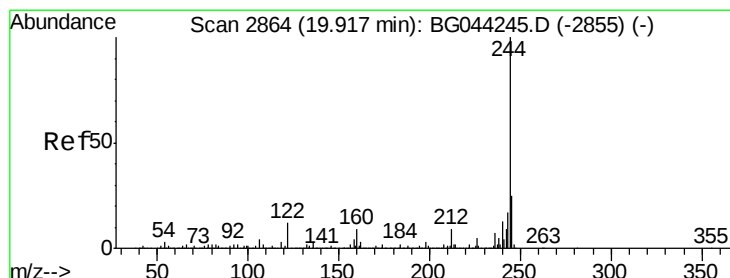
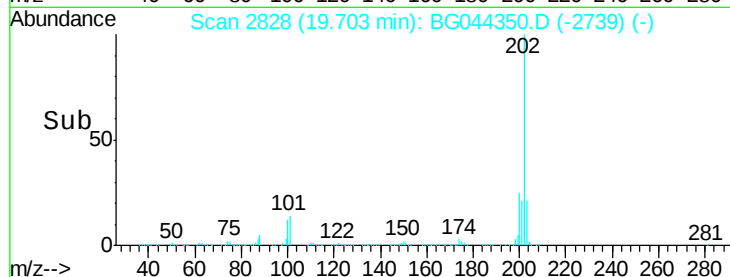
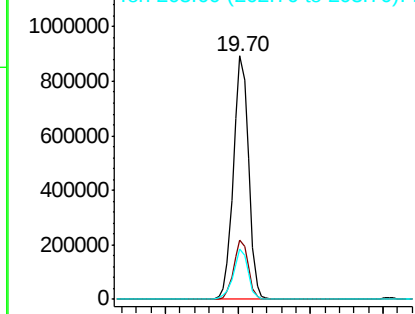
#78  
Pvrene  
Concen: 36.648 ng  
RT: 19.70 min Scan# 2828  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

Tot Ion:202 Resp: 1303009

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 24.6  | 20.0  | 30.0  |
| 203 | 20.5  | 16.2  | 24.2  |



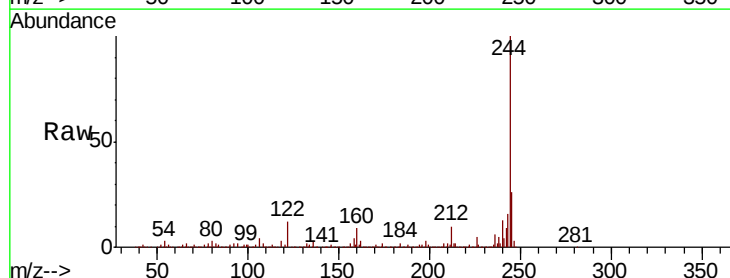
Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



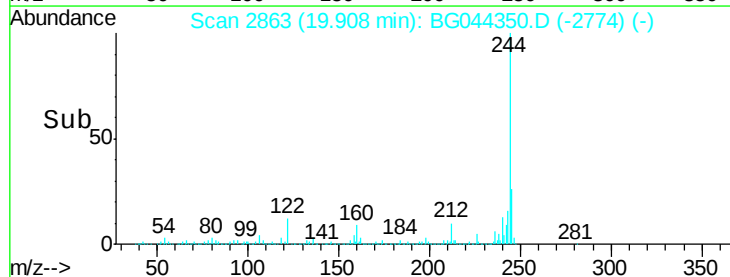
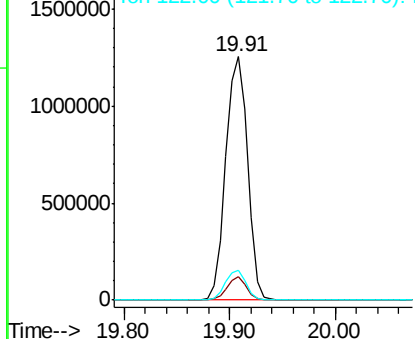
#79  
Terphenyl-d14  
Concen: 66.364 ng  
RT: 19.91 min Scan# 2863  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

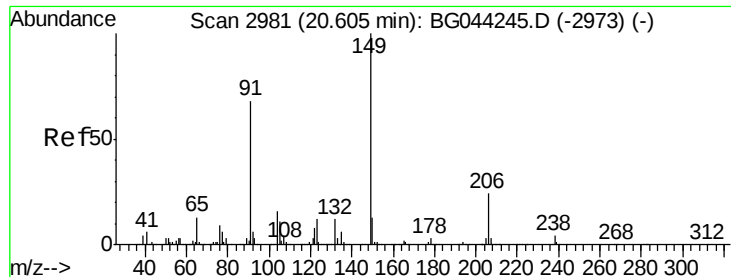
Tgt Ion:244 Resp: 1786283

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.5   | 7.4   | 11.2  |
| 122 | 12.3  | 9.8   | 14.6  |



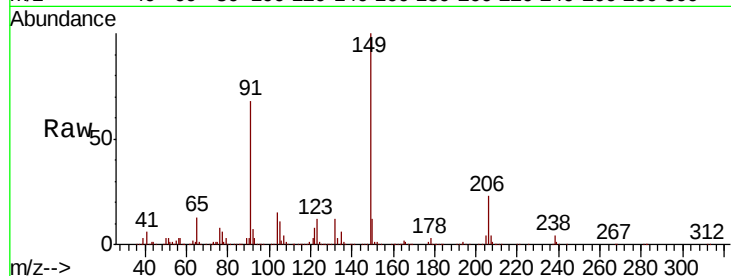
Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



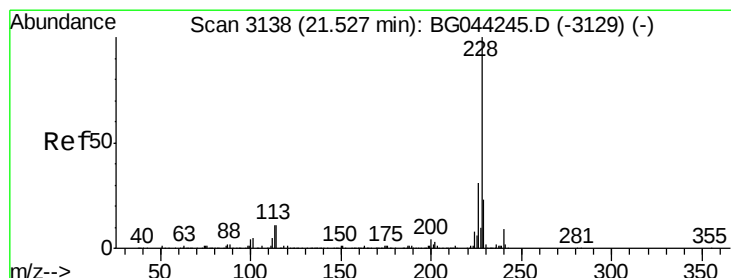
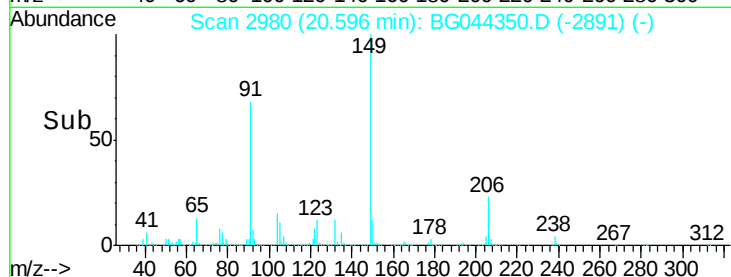
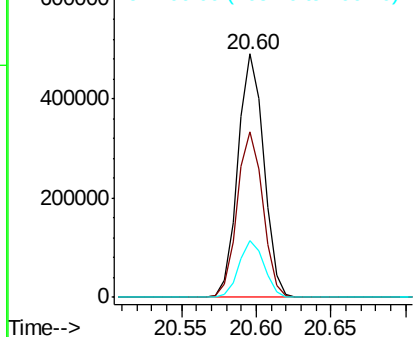


#80  
Butylbenzylphthalate  
Concen: 36.561 ng  
RT: 20.60 min Scan# 2980  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.0  | 54.5  | 81.7  |
| 206     | 23.4  | 19.1  | 28.7  |

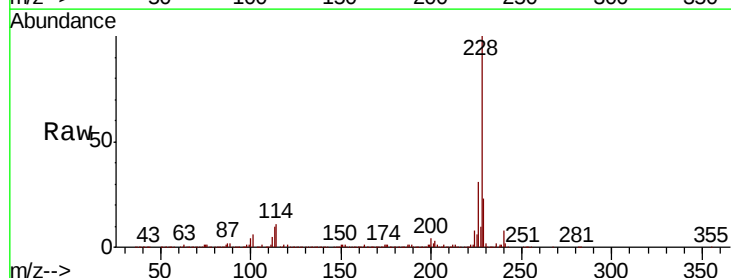


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BG  
Ion 206.00 (205.70 to 206.70): E

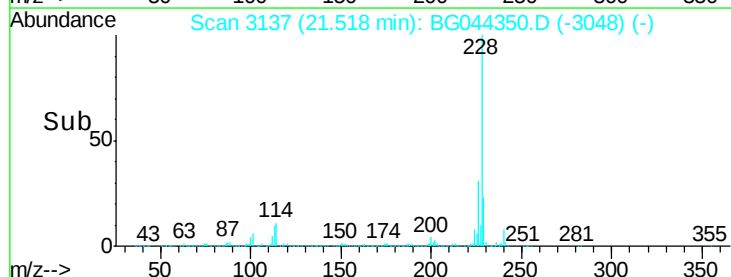
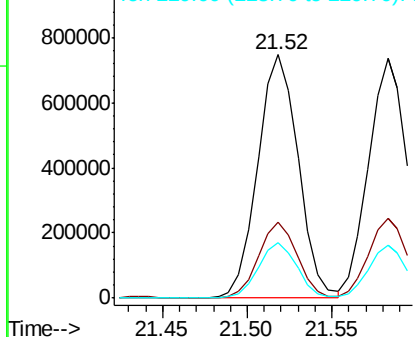


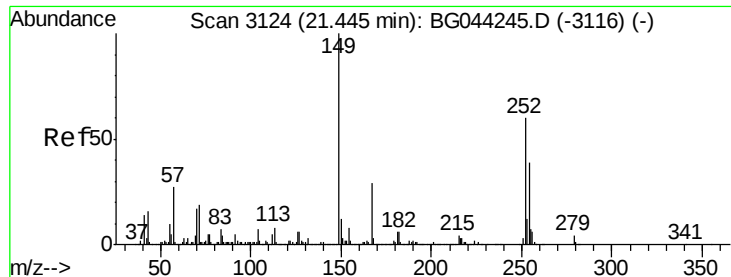
#81  
Benzo(a)anthracene  
Concen: 36.622 ng  
RT: 21.52 min Scan# 3137  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.0  | 24.7  | 37.1  |
| 229     | 22.5  | 18.2  | 27.4  |



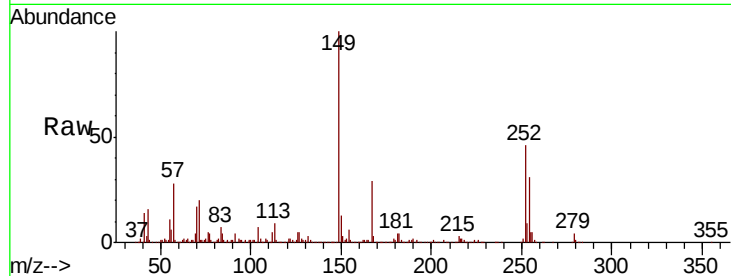
Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



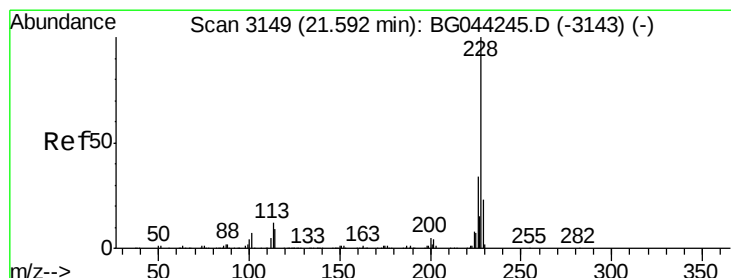
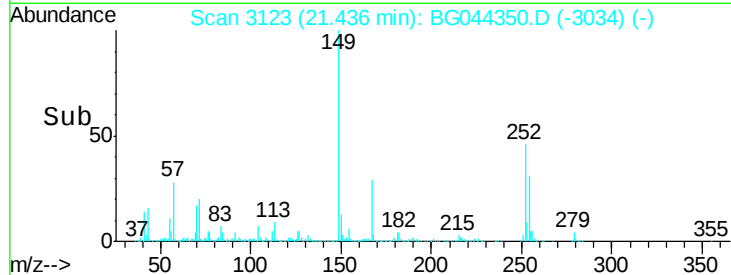
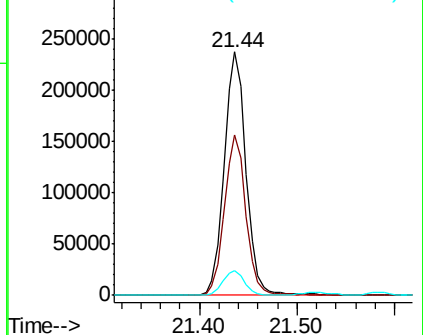


#82  
 3,3'-Dichlorobenzidine  
 Concen: 27.792 ng  
 RT: 21.44 min Scan# 3123  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

Tot Ion:252 Resp: 368046  
 Ion Ratio Lower Upper  
 252 100  
 254 66.1 52.6 78.8  
 126 10.0 8.2 12.4

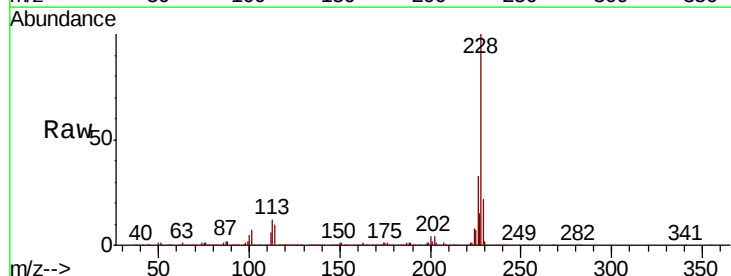


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

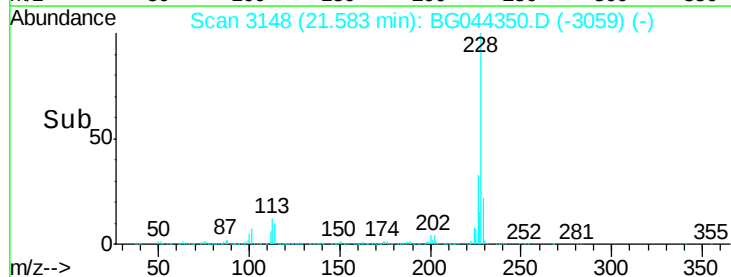
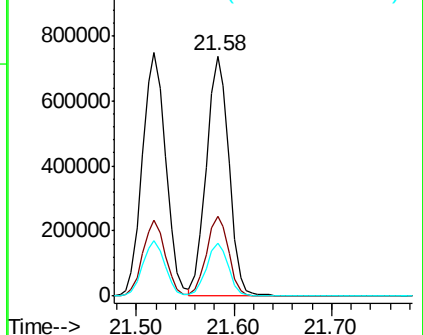


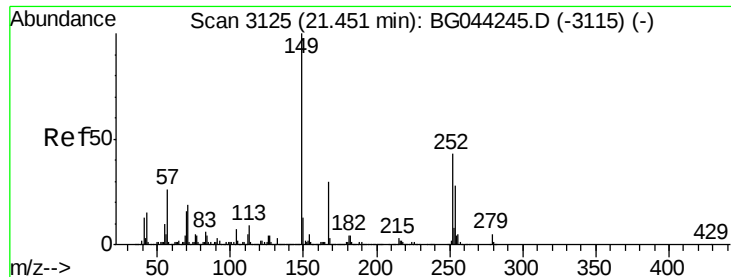
#83  
 Chrysene  
 Concen: 35.557 ng  
 RT: 21.58 min Scan# 3148  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

Tgt Ion:228 Resp: 1172721  
 Ion Ratio Lower Upper  
 228 100  
 226 33.3 27.1 40.7  
 229 22.2 17.9 26.9



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 35.933 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

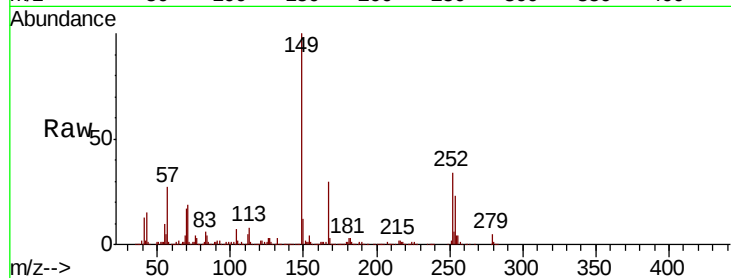
Tot Ion:149 Resp: 801372

Ion Ratio Lower Upper

149 100

167 29.6 24.0 36.0

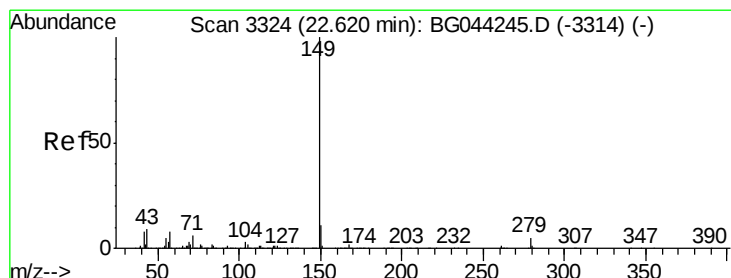
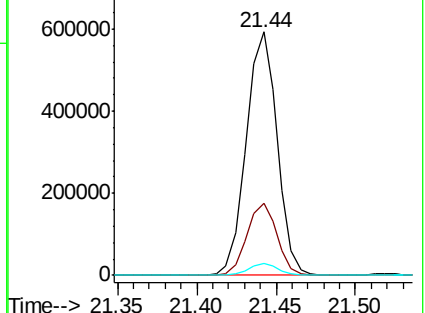
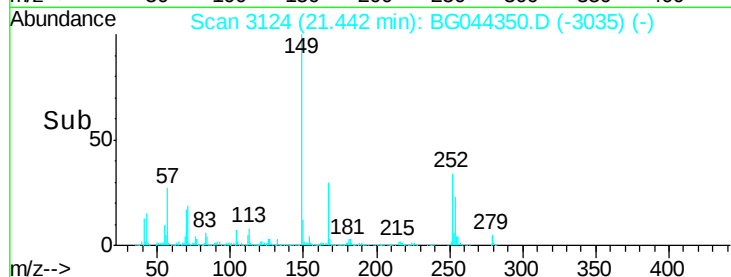
279 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 36.944 ng

RT: 22.61 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

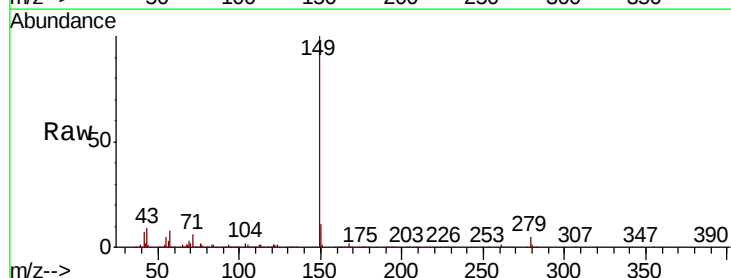
Tgt Ion:149 Resp: 1425573

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

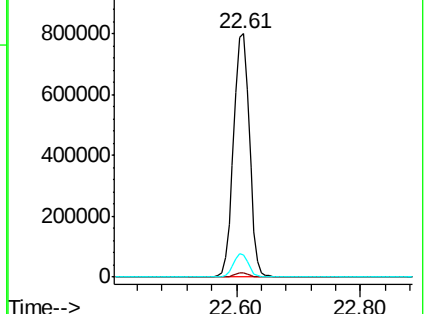
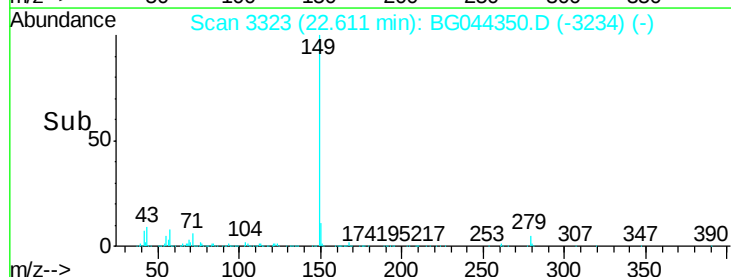
43 9.2 7.4 11.0

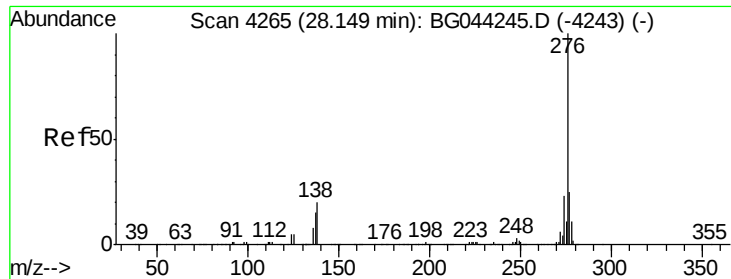


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

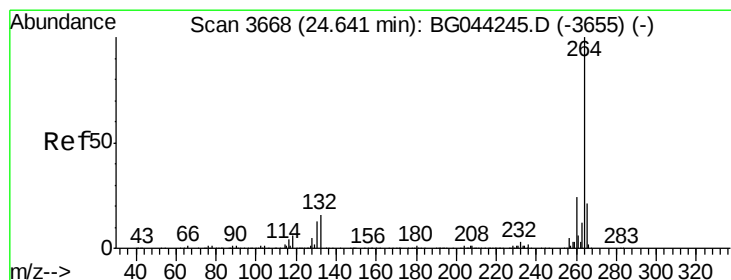
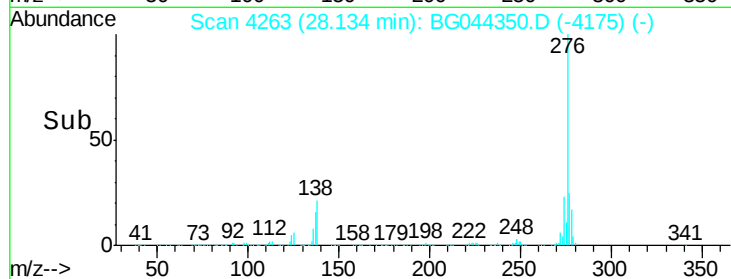
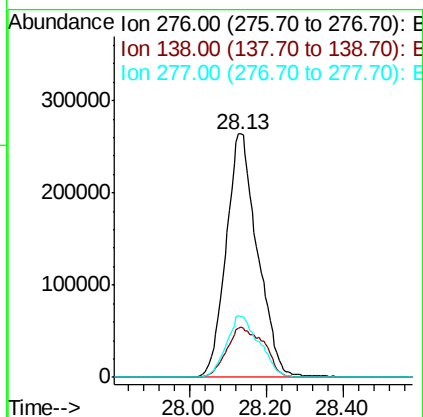
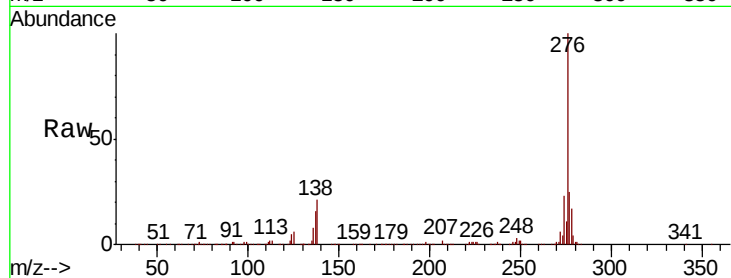
Ion 43.00 (42.70 to 43.70): BG





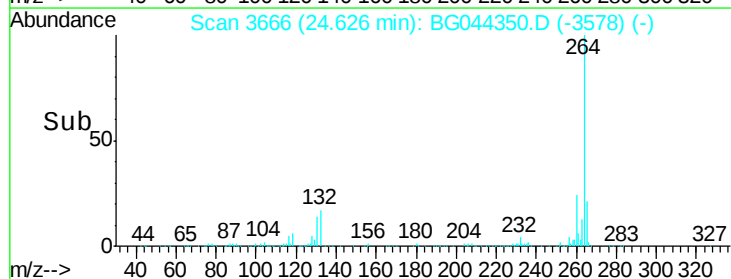
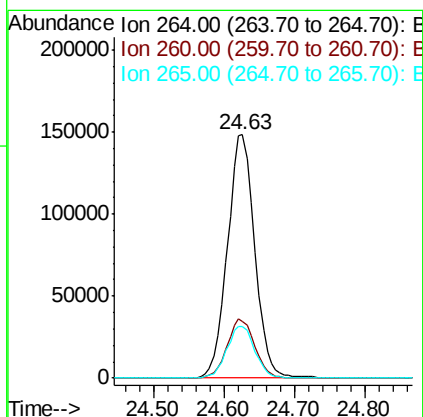
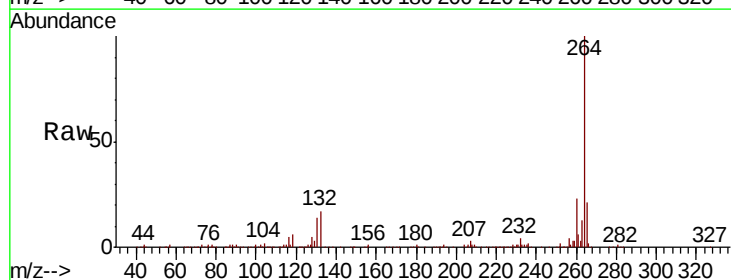
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 34.934 ng  
 RT: 28.13 min Scan# 4263  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

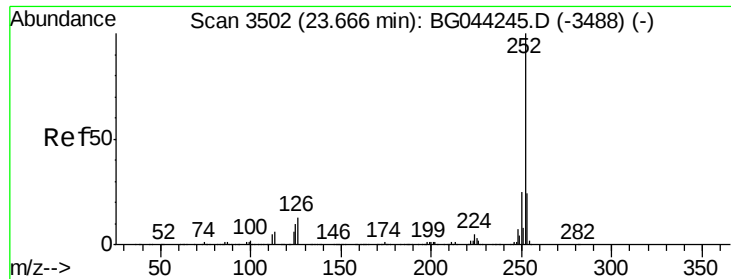
Tot Ion:276 Resp: 1503190  
 Ion Ratio Lower Upper  
 276 100  
 138 24.6 19.4 29.0  
 277 26.3 21.0 31.6



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.63 min Scan# 3666  
 Delta R.T. -0.01 min  
 Lab File: BG044350.D  
 Acq: 8 Feb 2020 00:50

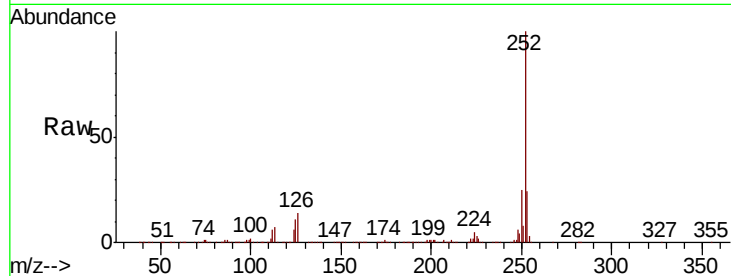
Tgt Ion:264 Resp: 399599  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.4 29.2  
 265 21.0 16.7 25.1



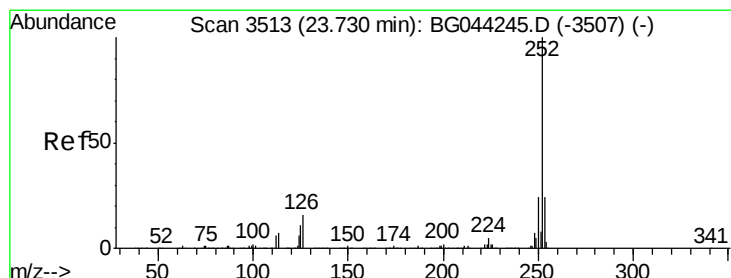
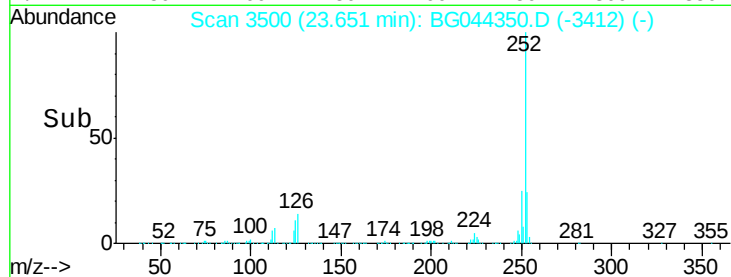
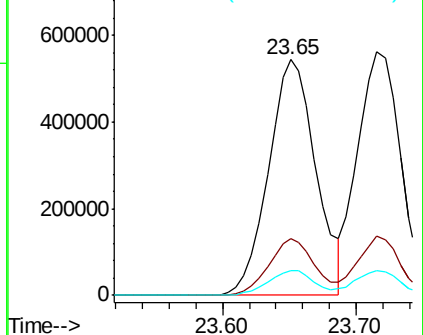


#88  
Benzo(b)fluoranthene  
Concen: 58.130 ng  
RT: 23.65 min Scan# 3500  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

Tot Ion:252 Resp: 1338509  
Ion Ratio Lower Upper  
252 100  
253 24.2 19.2 28.8  
125 10.5 8.4 12.6

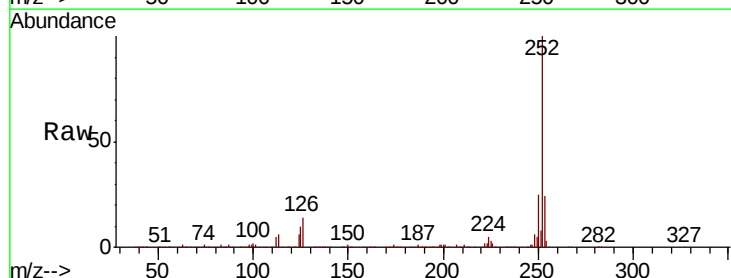


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

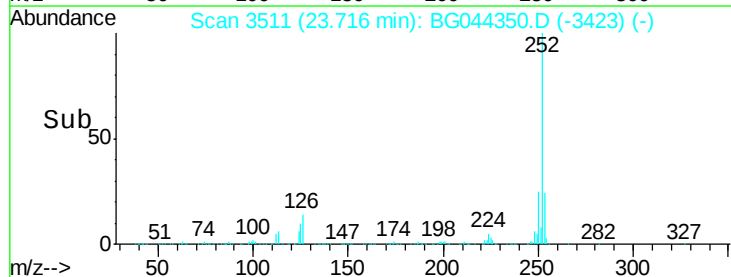
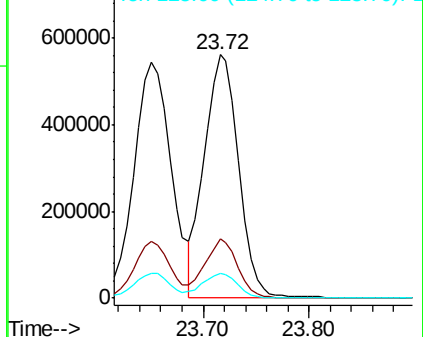


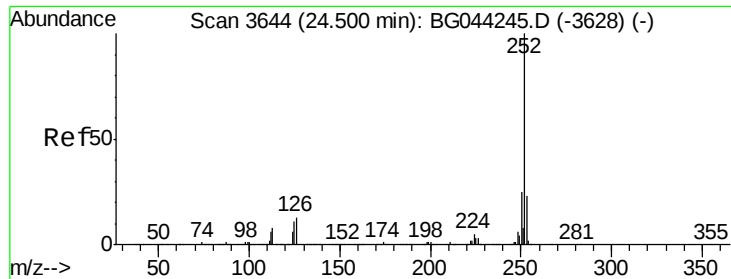
#89  
Benzo(k)fluoranthene  
Concen: 56.072 ng  
RT: 23.72 min Scan# 3511  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

Tgt Ion:252 Resp: 1258387  
Ion Ratio Lower Upper  
252 100  
253 24.2 19.1 28.7  
125 10.4 8.6 12.8



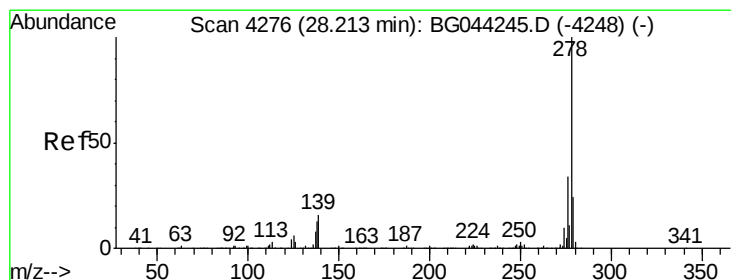
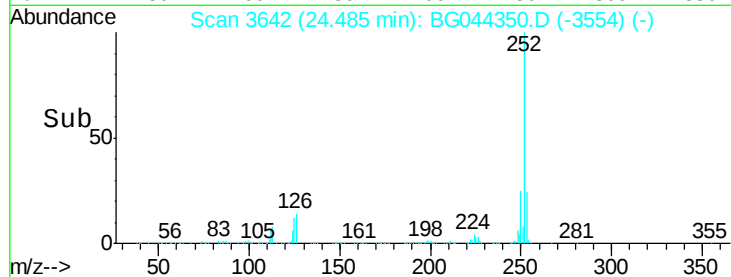
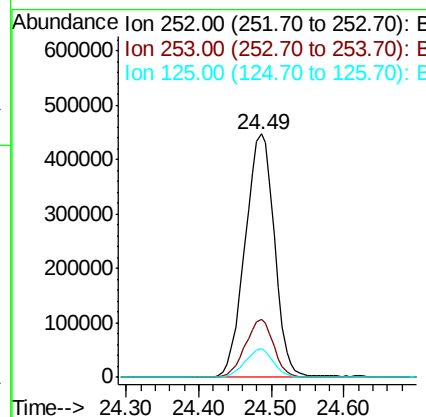
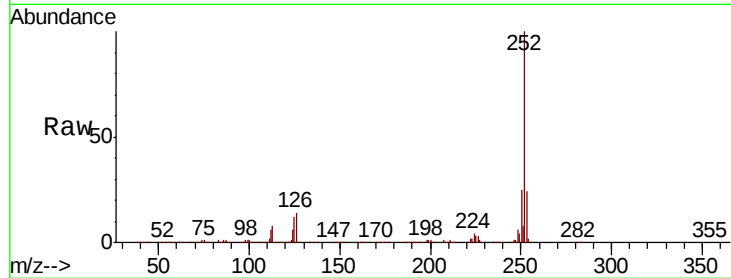
Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





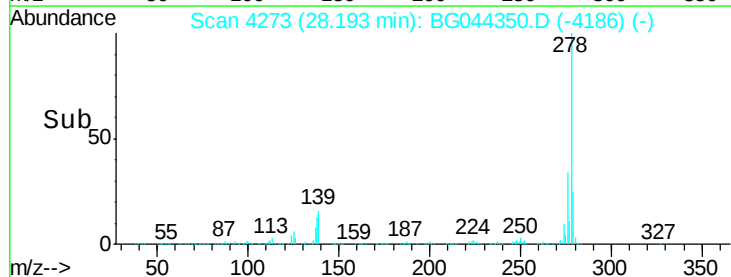
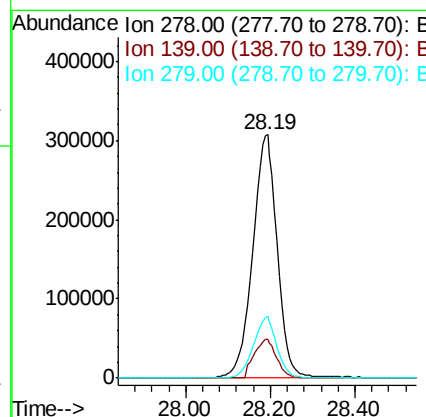
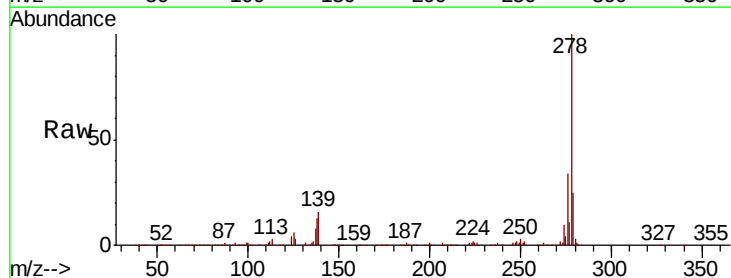
#90  
Benzo(a)pyrene  
Concen: 57.806 ng  
RT: 24.49 min Scan# 3642  
Delta R.T. -0.01 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

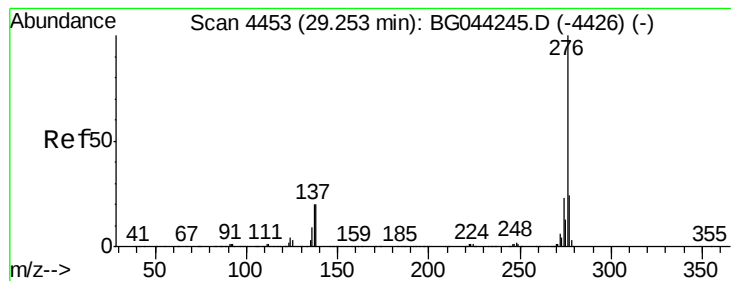
Tot Ion:252 Resp: 1258505  
Ion Ratio Lower Upper  
252 100  
253 24.0 18.1 27.1  
125 11.8 8.6 13.0



#91  
Dibenzo(a,h)anthracene  
Concen: 58.179 ng  
RT: 28.19 min Scan# 4273  
Delta R.T. -0.02 min  
Lab File: BG044350.D  
Acq: 8 Feb 2020 00:50

Tgt Ion:278 Resp: 1253534  
Ion Ratio Lower Upper  
278 100  
139 16.2 12.7 19.1  
279 25.2 19.3 28.9





#92

Benzo(a,h,i)perylene

Concen: 58.487 ng

RT: 29.22 min Scan# 4448

Delta R.T. -0.03 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

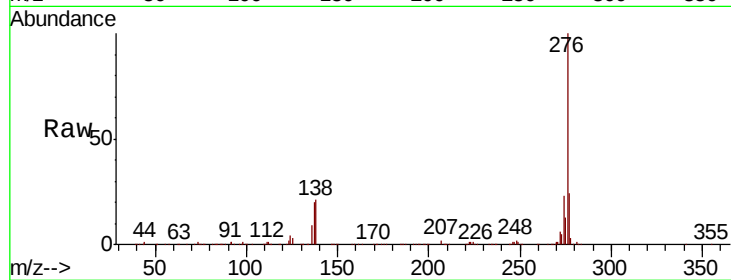
Tot Ion: 276 Resp: 1261519

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 20.8 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

