

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\  
 Data File : BG044332.D  
 Acq On : 7 Feb 2020 11:33  
 Operator : CG/JU  
 Sample : PB126601BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 08 02:30:18 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  | 93270    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.71 | 136  | 380399   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.55 | 164  | 240603   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.30 | 188  | 508615   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.55 | 240  | 441417   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.64 | 264  | 424085   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.50  | 112 | 681146  | 128.89 | ng | 0.00 |
| 7) Phenol-d6             | 7.09  | 99  | 881434  | 124.20 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.07  | 82  | 466054  | 69.17  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.04 | 330 | 330854  | 117.14 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.17 | 172 | 1036736 | 72.15  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.91 | 244 | 1498000 | 69.80  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.38  | 88  | 138081 | 58.152 | ng | 98     |
| 3) Pyridine                    | 3.77  | 79  | 217882 | 34.442 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.69  | 42  | 108320 | 40.976 | ng | 99     |
| 6) Aniline                     | 7.24  | 93  | 294039 | 33.379 | ng | 99     |
| 8) 2-Chlorophenol              | 7.49  | 128 | 271557 | 46.754 | ng | 98     |
| 9) Benzaldehyde                | 7.05  | 77  | 111373 | 27.555 | ng | 94     |
| 10) Phenol                     | 7.12  | 94  | 328408 | 46.759 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.33  | 93  | 250859 | 41.778 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.80  | 146 | 280579 | 40.459 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.95  | 146 | 285661 | 41.590 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.27  | 146 | 269858 | 41.567 | ng | 99     |
| 15) Benzyl Alcohol             | 8.16  | 79  | 224218 | 44.626 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.44  | 45  | 324408 | 39.917 | ng | 99     |
| 17) 2-Methylphenol             | 8.36  | 107 | 230564 | 46.011 | ng | 98     |
| 18) Hexachloroethane           | 9.00  | 117 | 104619 | 40.590 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.72  | 70  | 193781 | 40.971 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.69  | 107 | 317605 | 45.989 | ng | 98     |
| 22) Acetophenone               | 8.73  | 105 | 367986 | 39.765 | ng | # 98   |
| 24) Nitrobenzene               | 9.11  | 77  | 276746 | 42.072 | ng | 99     |
| 25) Isophorone                 | 9.64  | 82  | 534251 | 42.540 | ng | 100    |
| 26) 2-Nitrophenol              | 9.82  | 139 | 154156 | 45.165 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.89  | 122 | 256016 | 53.137 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.12 | 93  | 340628 | 40.658 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.36 | 162 | 265223 | 45.525 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.58 | 180 | 269495 | 40.342 | ng | 99     |
| 31) Naphthalene                | 10.76 | 128 | 781427 | 42.340 | ng | 100    |
| 32) Benzoic acid               | 10.05 | 122 | 123360 | 41.566 | ng | 92     |
| 33) 4-Chloroaniline            | 10.87 | 127 | 195766 | 23.323 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.06 | 225 | 158157 | 38.476 | ng | 98     |
| 35) Caprolactam                | 11.64 | 113 | 39268  | 18.400 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.00 | 107 | 270364 | 44.263 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.37 | 142 | 577330 | 42.132 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.59 | 142 | 554036 | 42.885 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.74 | 216 | 288053 | 40.023 | ng | 99     |

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 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

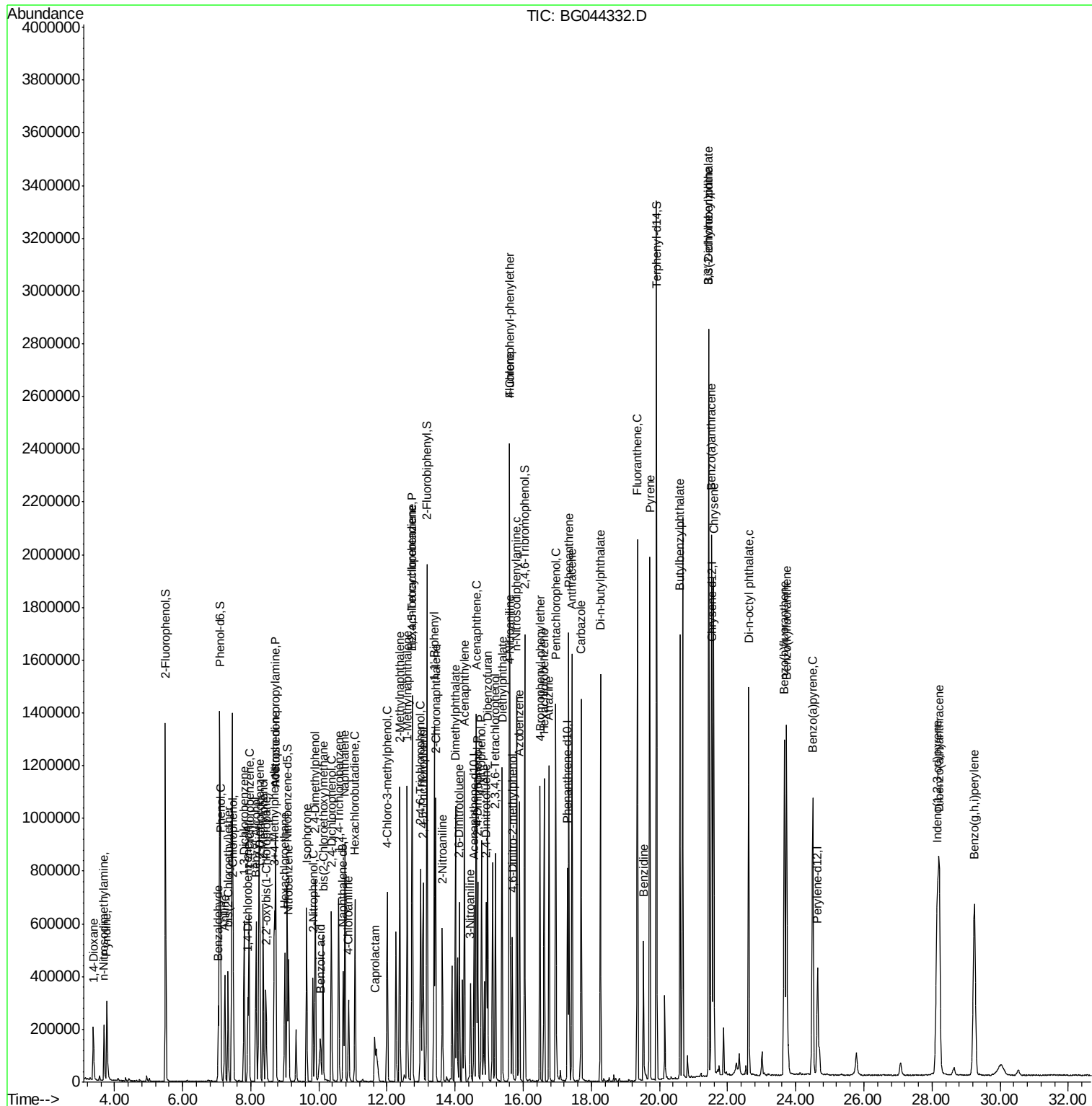
Quant Time: Feb 08 02:30:18 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 30 16:05:09 2020  
 Response via : Initial Calibration

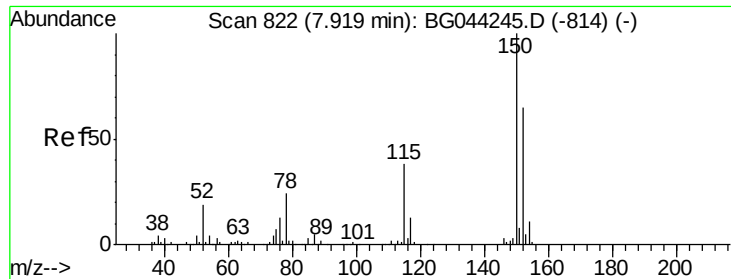
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.73 | 237  | 309229   | 89.542 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.99 | 196  | 206687   | 44.429 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.06 | 196  | 221232   | 46.559 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.38 | 154  | 728518   | 41.978 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.43 | 162  | 567478   | 41.091 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.63 | 65   | 163543   | 40.127 | ng    | 94       |
| 49) Acenaphthylene             | 14.27 | 152  | 884986   | 43.690 | ng    | 99       |
| 50) Dimethylphthalate          | 14.01 | 163  | 712740   | 41.210 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.12 | 165  | 163291   | 42.344 | ng    | 98       |
| 52) Acenaphthene               | 14.62 | 154  | 547429   | 41.695 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.45 | 138  | 114145   | 26.755 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.66 | 184  | 195959   | 85.210 | ng    | 99       |
| 55) Dibenzofuran               | 14.95 | 168  | 845854   | 42.552 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.78 | 139  | 301620   | 96.514 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.91 | 165  | 224504   | 41.538 | ng    | 98       |
| 58) Fluorene                   | 15.60 | 166  | 657161   | 41.973 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.18 | 232  | 190218   | 44.319 | ng    | 99       |
| 60) Diethylphthalate           | 15.38 | 149  | 710880   | 41.250 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.59 | 204  | 347392   | 40.922 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.62 | 138  | 163481   | 38.348 | ng    | 96       |
| 63) Azobenzene                 | 15.89 | 77   | 638095   | 42.247 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.68 | 198  | 140321   | 49.980 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.81 | 169  | 621033   | 43.570 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.49 | 248  | 227778   | 41.106 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.61 | 284  | 246777   | 39.751 | ng    | 98       |
| 69) Atrazine                   | 16.76 | 200  | 232671   | 47.625 | ng    | 97       |
| 70) Pentachlorophenol          | 16.95 | 266  | 281985   | 89.437 | ng    | 96       |
| 71) Phenanthrene               | 17.34 | 178  | 1041295  | 42.279 | ng    | 99       |
| 72) Anthracene                 | 17.43 | 178  | 1072624  | 44.051 | ng    | 99       |
| 73) Carbazole                  | 17.70 | 167  | 974705   | 43.422 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.27 | 149  | 1196564  | 43.135 | ng    | 99       |
| 75) Fluoranthene               | 19.35 | 202  | 1227088  | 43.069 | ng    | 99       |
| 77) Benzidine                  | 19.53 | 184  | 372465   | 30.421 | ng    | 98       |
| 78) Pyrene                     | 19.71 | 202  | 1238486  | 43.689 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.61 | 149  | 548095   | 42.427 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.53 | 228  | 1165531  | 42.843 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.45 | 252  | 381466   | 36.129 | ng    | 98       |
| 83) Chrysene                   | 21.59 | 228  | 1122878  | 42.701 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.45 | 149  | 762495   | 42.882 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.62 | 149  | 1358242  | 44.148 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.16 | 276  | 1415435  | 41.258 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.67 | 252  | 1240031  | 50.743 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.73 | 252  | 1210474  | 50.823 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.50 | 252  | 1135960  | 49.165 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.21 | 278  | 1169394  | 51.140 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.25 | 276  | 1194063  | 52.163 | ng    | 97       |

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

```
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ALS Vial  : 3 Sample Multiplier: 1
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QLast Update : Thu Jan 30 16:05:09 2020  
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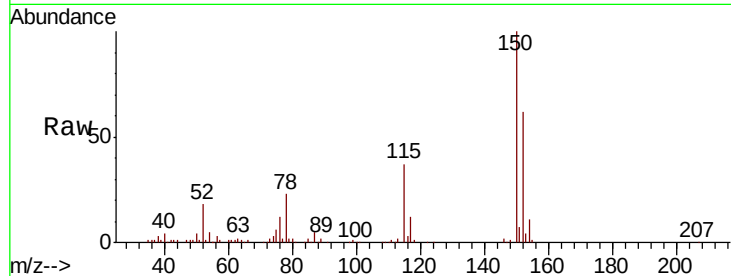




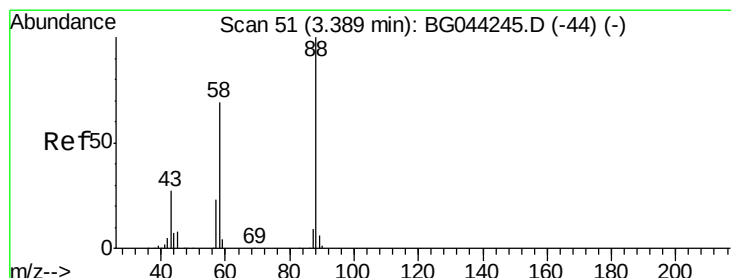
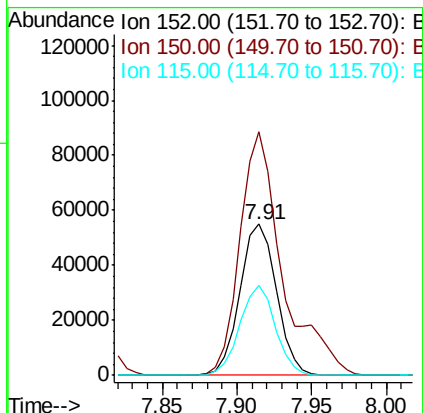
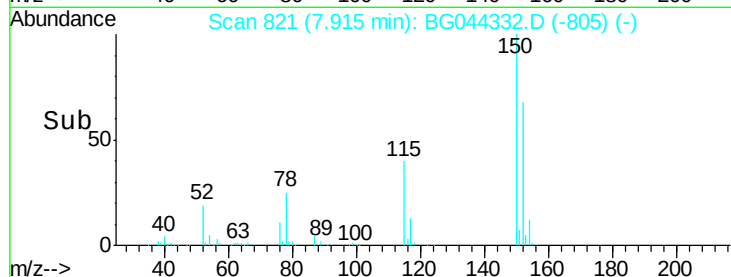
#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.91 min Scan# 821  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

Tot Ion:152 Resp: 93270  
Ion Ratio Lower Upper  
152 100  
150 161.0 122.6 183.8  
115 59.7 46.0 69.0



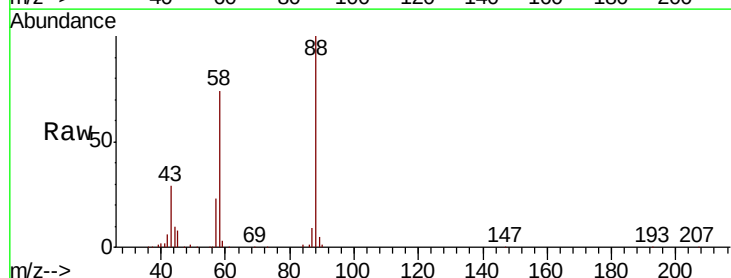
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



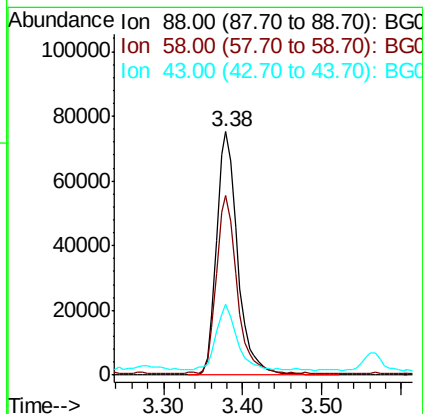
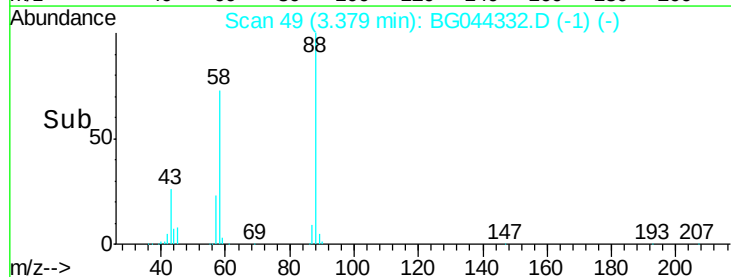
#2

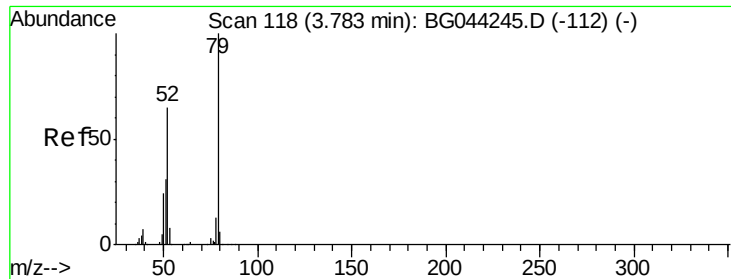
1,4-Dioxane  
Concen: 58.152 ng  
RT: 3.38 min Scan# 49  
Delta R.T. -0.01 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

Tgt Ion: 88 Resp: 138081  
Ion Ratio Lower Upper  
88 100  
58 71.2 55.8 83.6  
43 26.6 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: 34.442 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

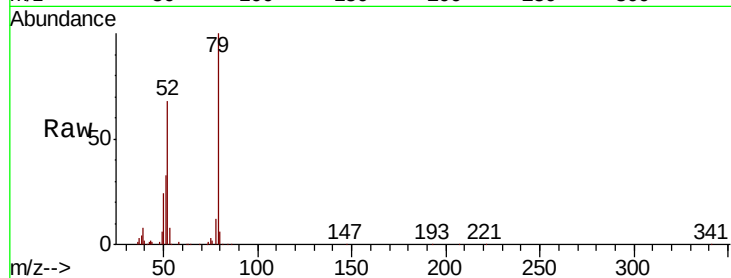
Tot Ion: 79 Resp: 217882

Ion Ratio Lower Upper

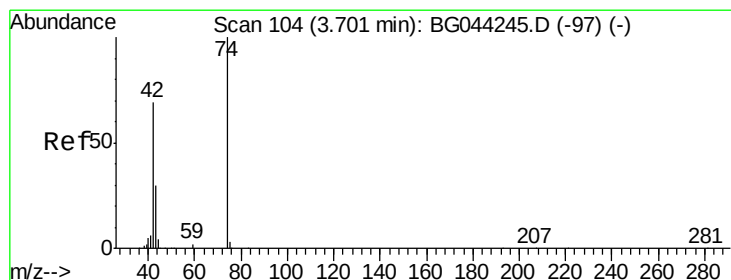
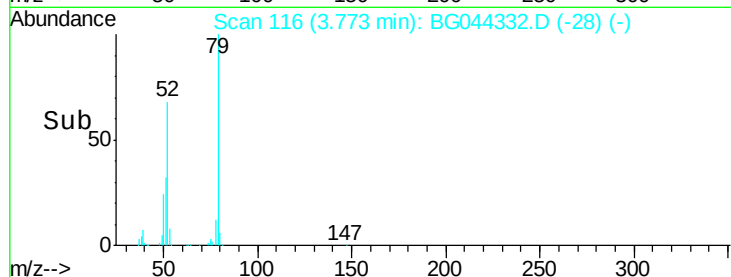
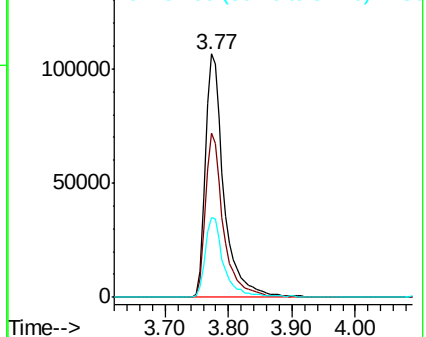
79 100

52 67.6 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: 40.976 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

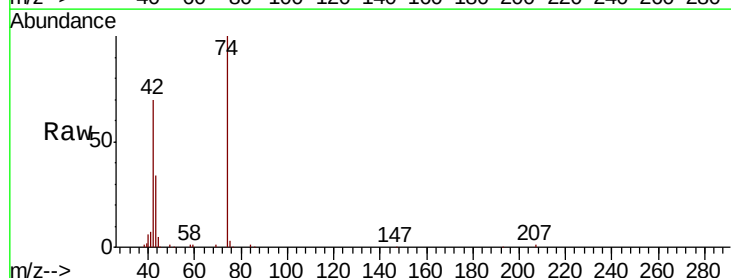
Tgt Ion: 42 Resp: 108320

Ion Ratio Lower Upper

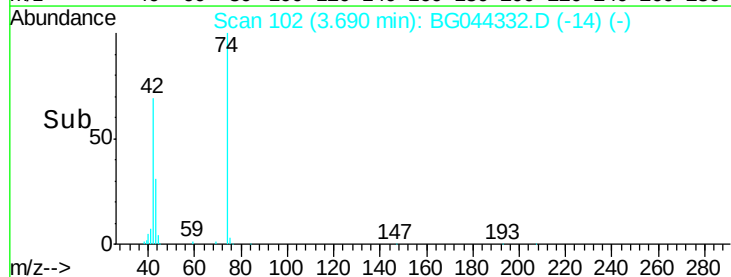
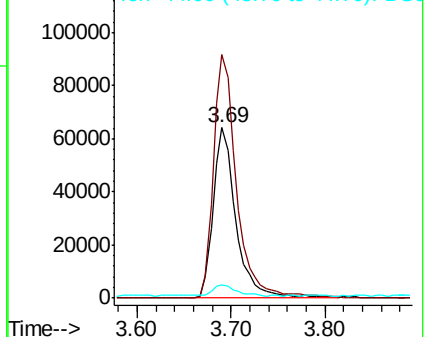
42 100

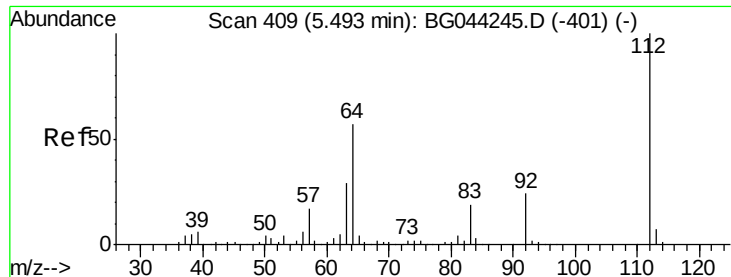
74 143.2 115.1 172.7

44 7.6 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: 128.886 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.01 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

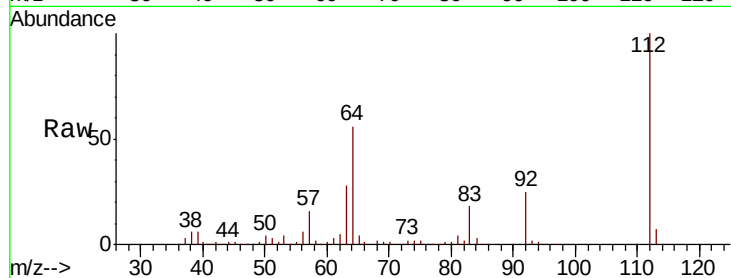
Tot Ion:112 Resp: 681146

Ion Ratio Lower Upper

112 100

64 56.0 45.4 68.2

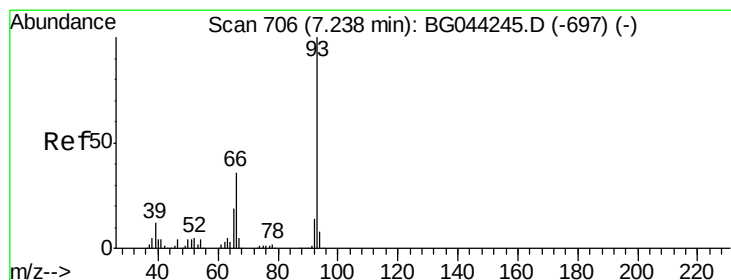
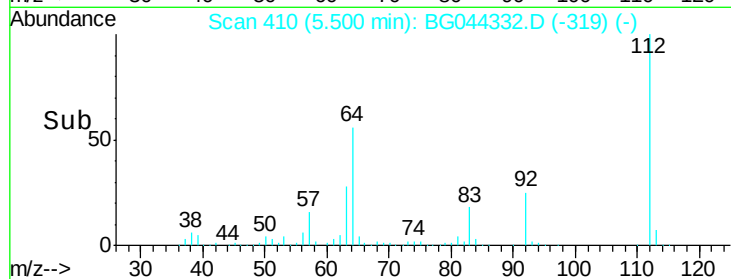
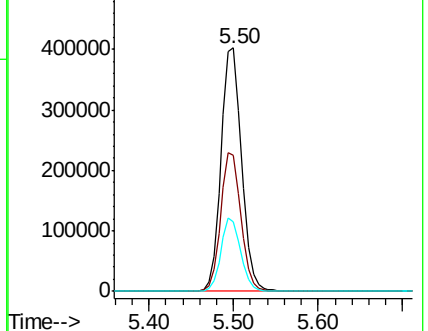
63 28.3 22.9 34.3



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: 33.379 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

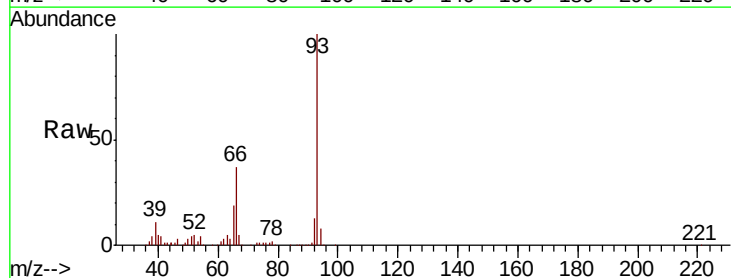
Tgt Ion: 93 Resp: 294039

Ion Ratio Lower Upper

93 100

66 36.8 28.7 43.1

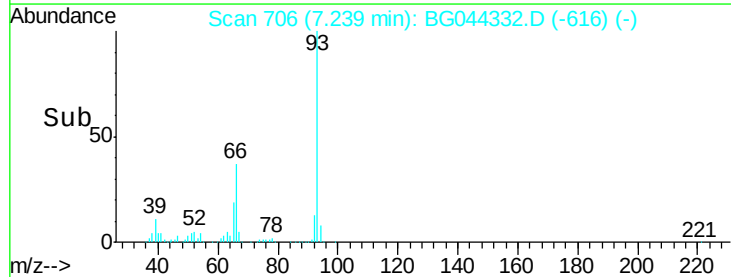
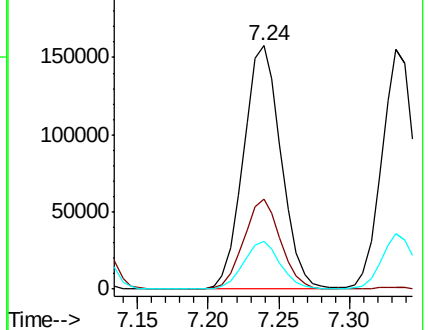
65 19.4 15.4 23.0

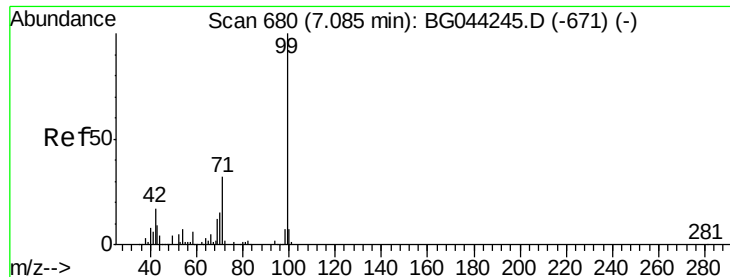


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.201 ng

RT: 7.09 min Scan# 681

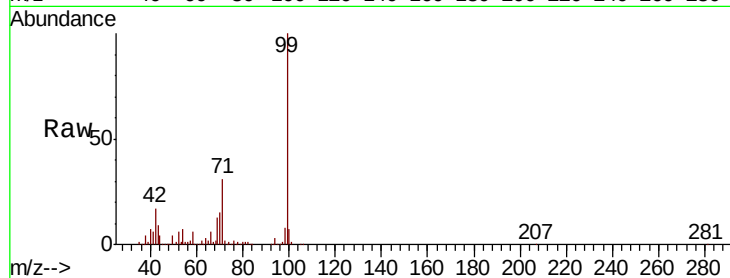
Delta R.T. 0.01 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tot Ion: 99 Resp: 881434

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.3  | 13.8  | 20.6  |
| 71  | 31.2  | 25.5  | 38.3  |

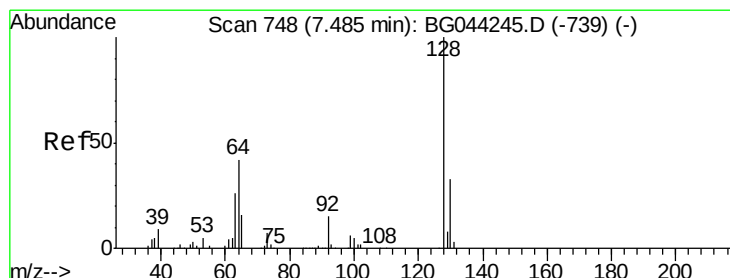
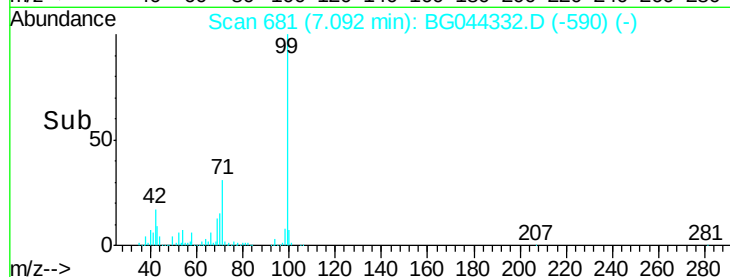
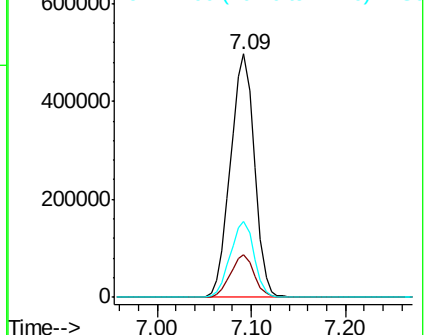


Abundance

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: 46.754 ng

RT: 7.49 min Scan# 748

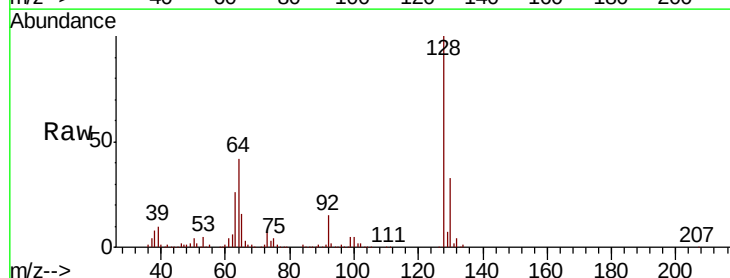
Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion: 128 Resp: 271557

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.8  | 12.5  | 52.5  |
| 64  | 42.2  | 24.2  | 64.2  |

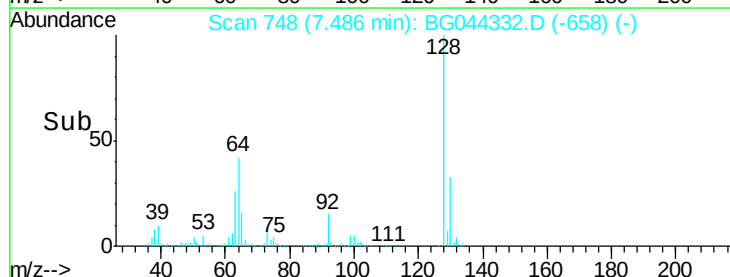
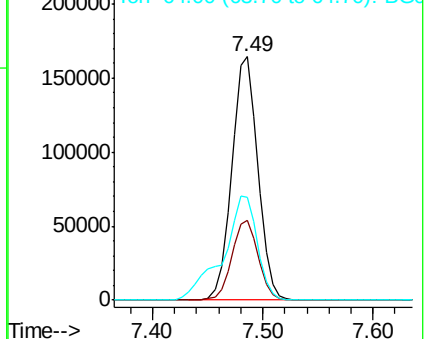


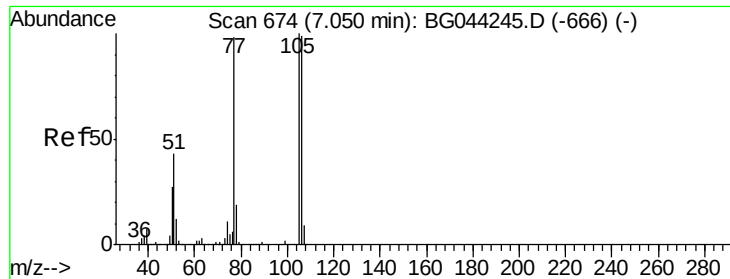
Abundance

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





#9

Benzaldehyde

Concen: 27.555 ng

RT: 7.05 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

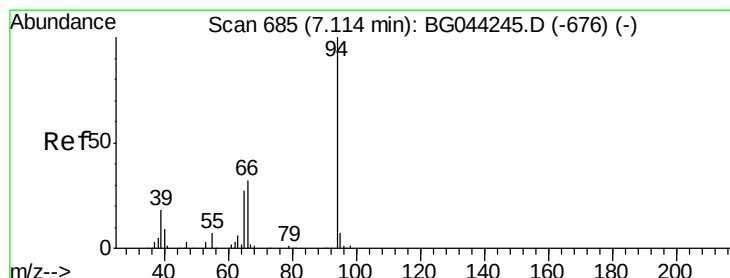
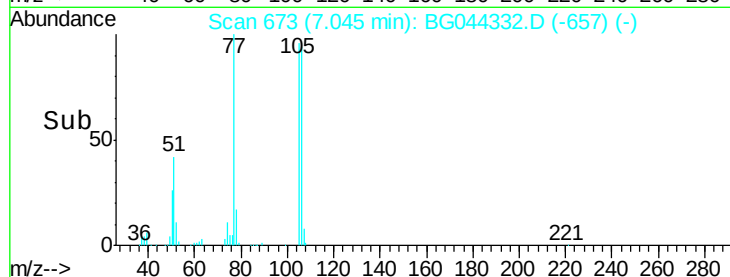
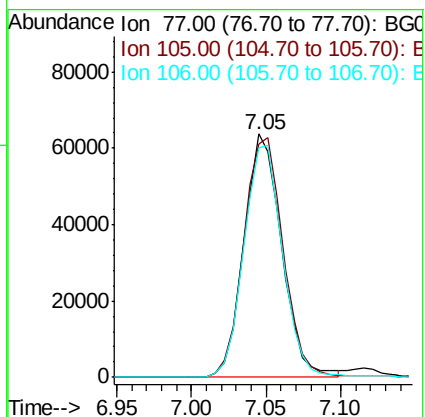
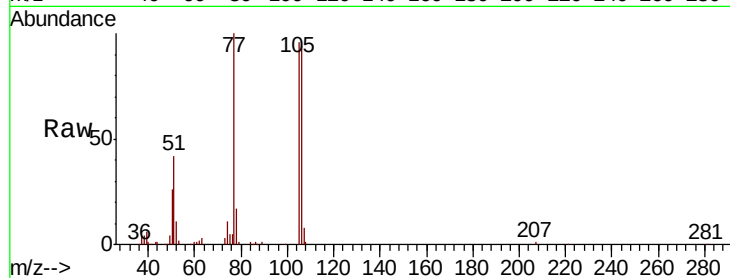
Tot Ion: 77 Resp: 111373

Ion Ratio Lower Upper

77 100

105 95.9 82.0 122.0

106 94.4 80.7 120.7



#10

Phenol

Concen: 46.759 ng

RT: 7.12 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

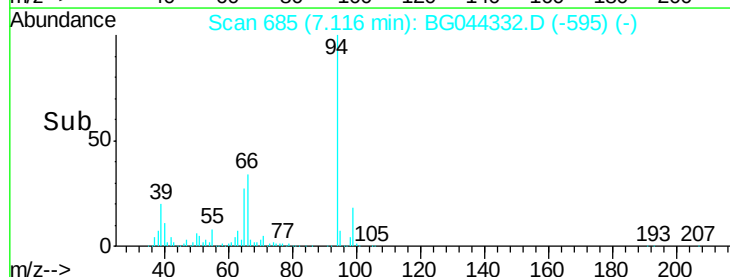
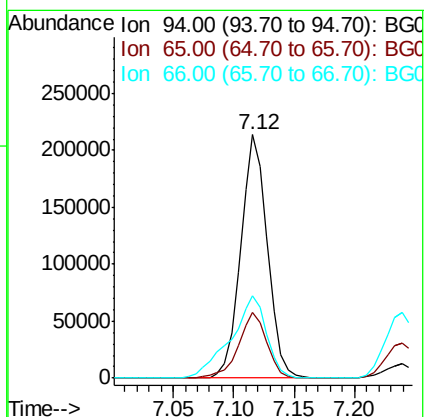
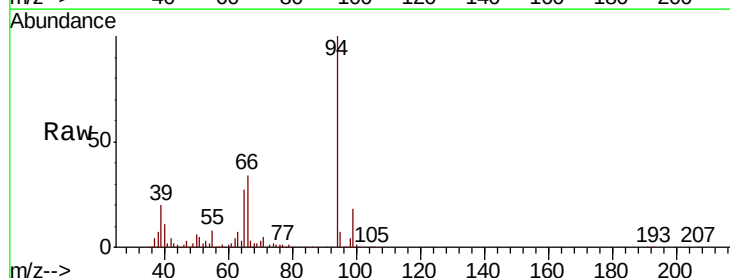
Tgt Ion: 94 Resp: 328408

Ion Ratio Lower Upper

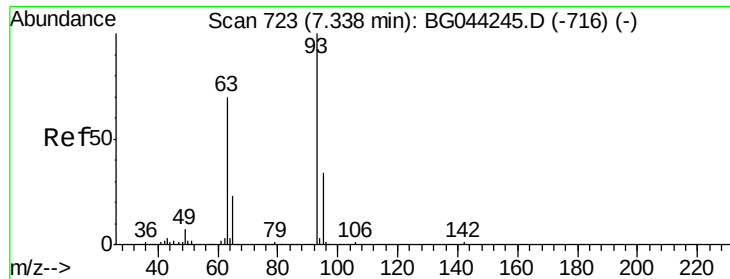
94 100

65 27.0 7.0 47.0

66 34.1 12.7 52.7

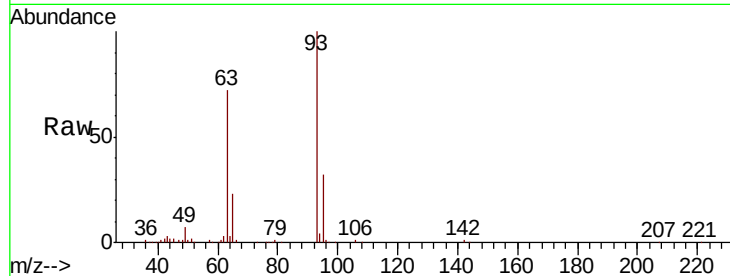




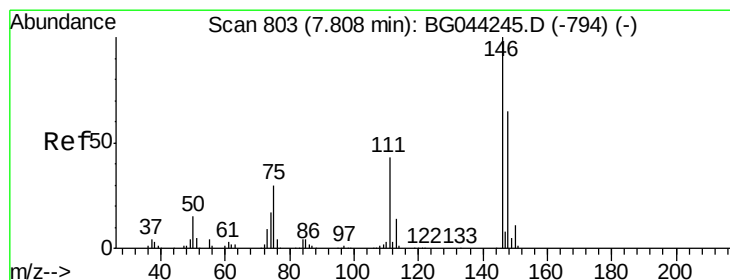
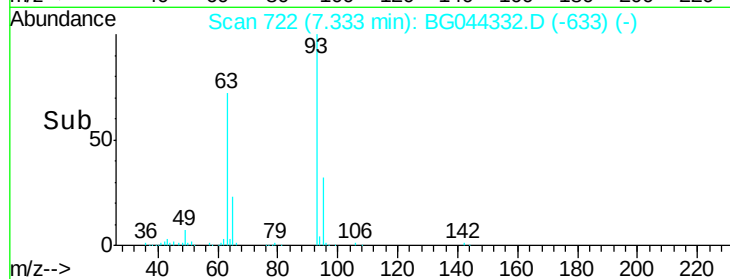
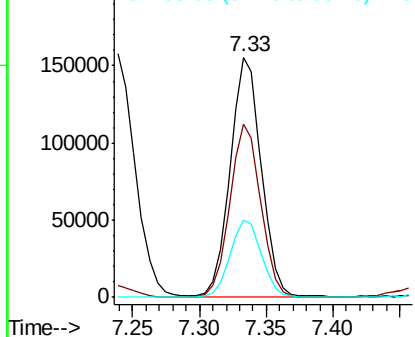


#11  
bis(2-Chloroethyl)ether  
Concen: 41.778 ng  
RT: 7.33 min Scan# 722  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

| Tot Ion | 93    | Resp  | 250859 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 93      | 100   |       |        |
| 63      | 71.9  | 49.2  | 89.2   |
| 95      | 32.2  | 13.6  | 53.6   |

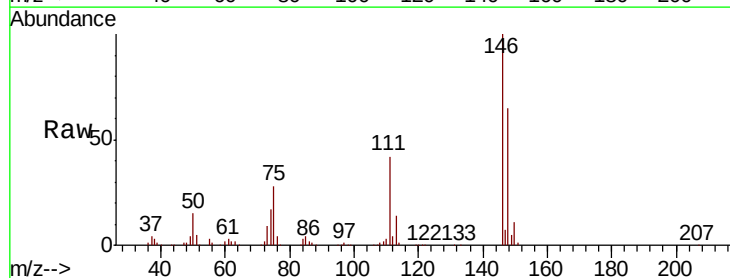


Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC

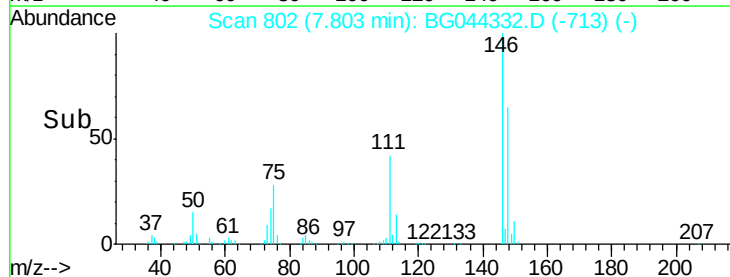
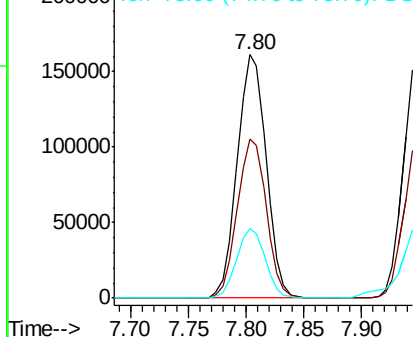


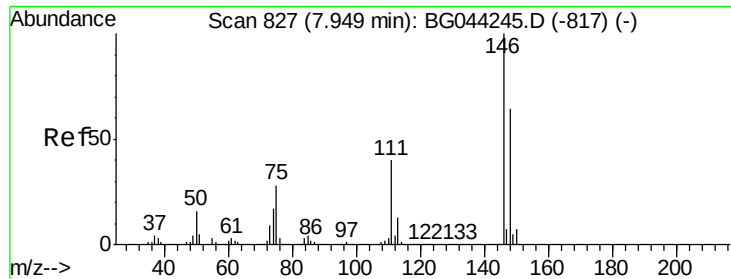
#12  
1,3-Dichlorobenzene  
Concen: 40.459 ng  
RT: 7.80 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

| Tgt Ion | 146   | Resp  | 280579 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 146     | 100   |       |        |
| 148     | 65.4  | 51.8  | 77.8   |
| 75      | 28.4  | 23.7  | 35.5   |



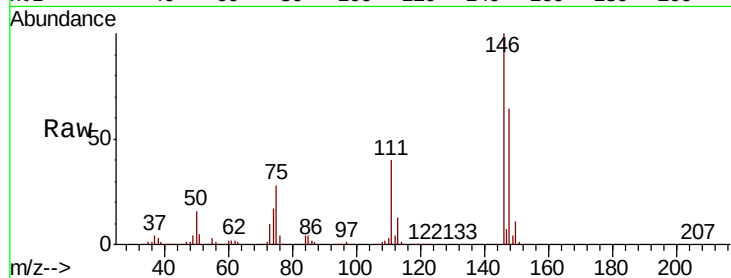
Abundance Ion 146.00 (145.70 to 146.70): BGC  
Ion 148.00 (147.70 to 148.70): BGC  
Ion 75.00 (74.70 to 75.70): BGC



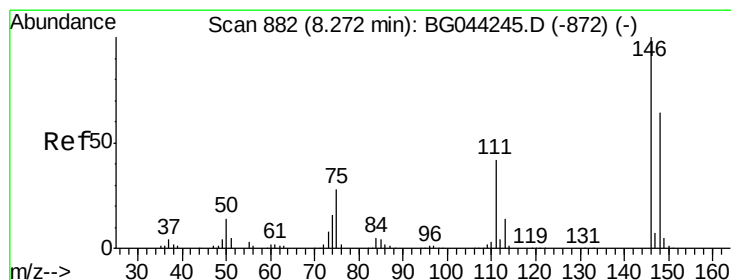
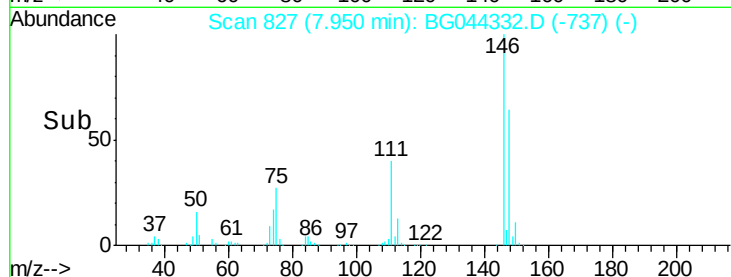
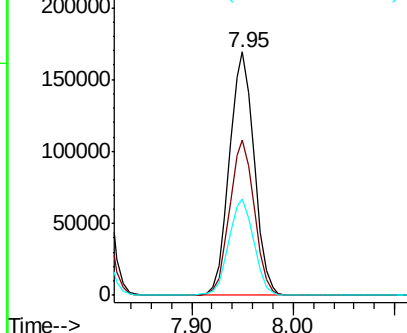


#13  
1,4-Dichlorobenzene  
Concen: 41.590 ng  
RT: 7.95 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

Tot Ion:146 Resp: 285661  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.4 77.0  
111 39.8 31.8 47.8

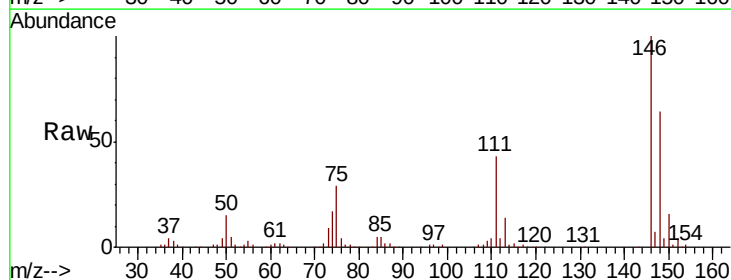


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E

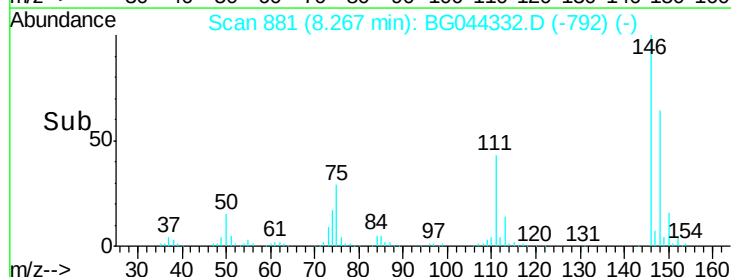
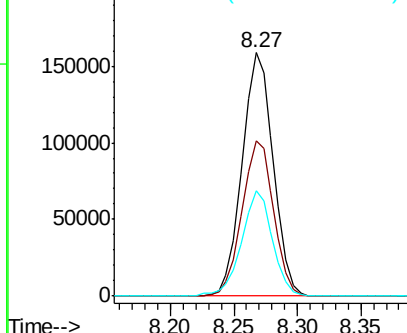


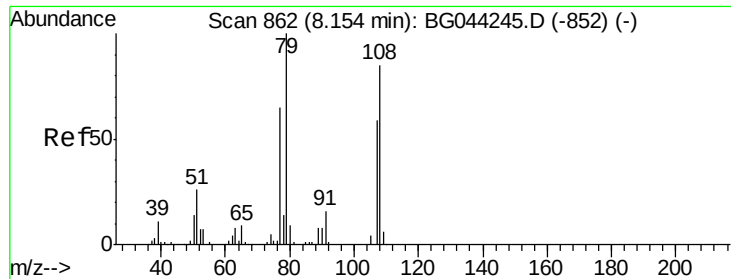
#14  
1,2-Dichlorobenzene  
Concen: 41.567 ng  
RT: 8.27 min Scan# 881  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

Tgt Ion:146 Resp: 269858  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.2 76.8  
111 43.4 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: 44.626 ng

RT: 8.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

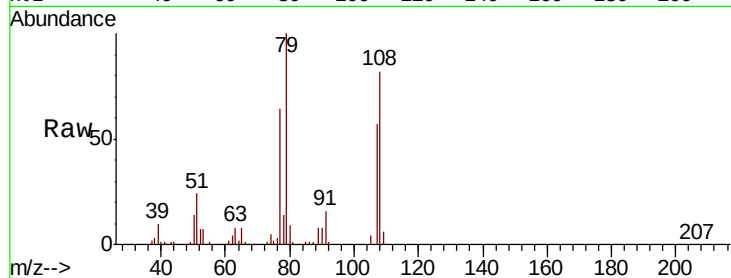
Tot Ion: 79 Resp: 224218

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 82.4  | 68.3  | 102.5 |
| 77  | 64.2  | 51.8  | 77.8  |

79 100

108 82.4 68.3 102.5

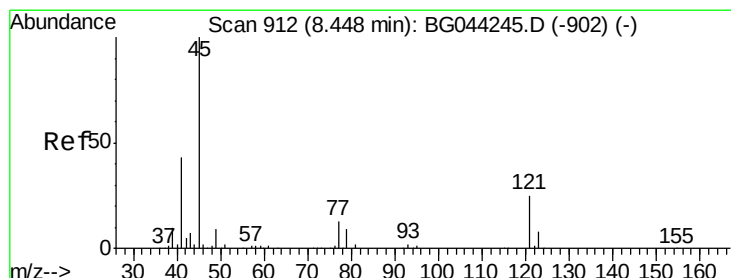
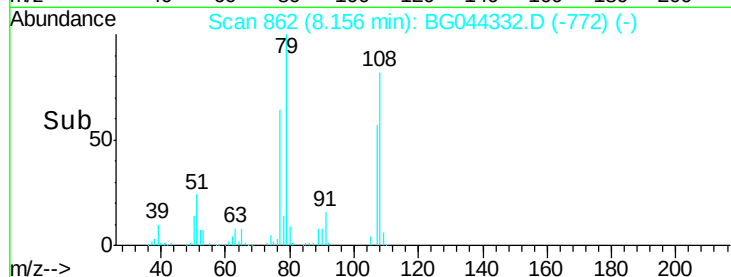
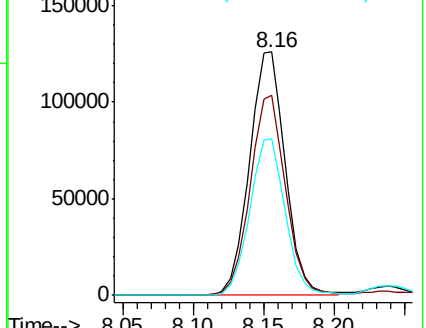
77 64.2 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.917 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

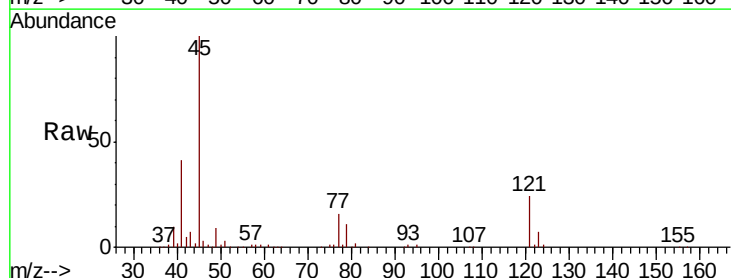
Tgt Ion: 45 Resp: 324408

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 15.6  | 0.0   | 35.2  |
| 79  | 11.0  | 0.0   | 31.1  |

45 100

77 15.6 0.0 35.2

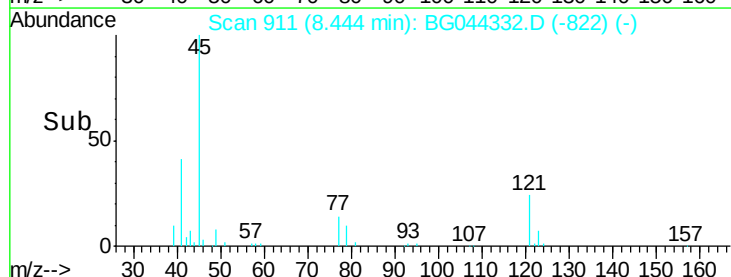
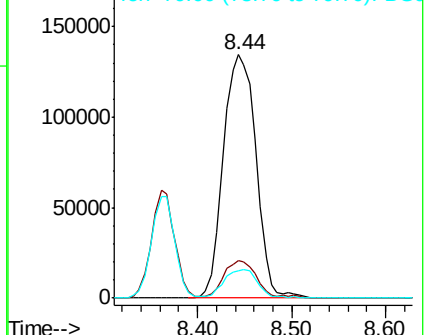
79 11.0 0.0 31.1

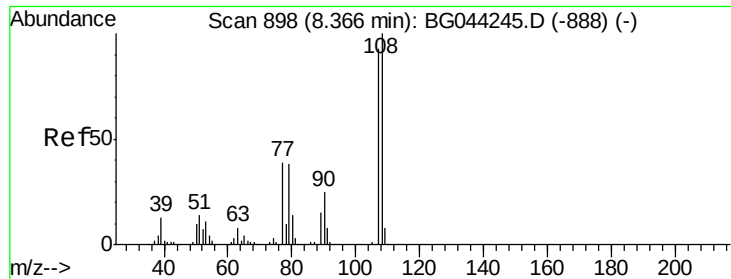


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

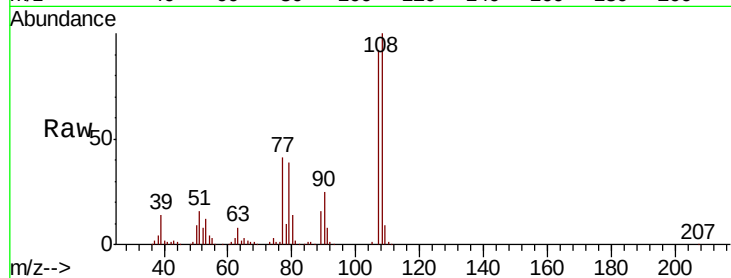
Ion 79.00 (78.70 to 79.70): BGC





#17  
2-Methylphenol  
Concen: 46.011 ng  
RT: 8.36 min Scan# 897  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 108.4 | 86.4  | 129.6 |
| 77      | 44.8  | 34.0  | 51.0  |
| 79      | 42.5  | 32.9  | 49.3  |



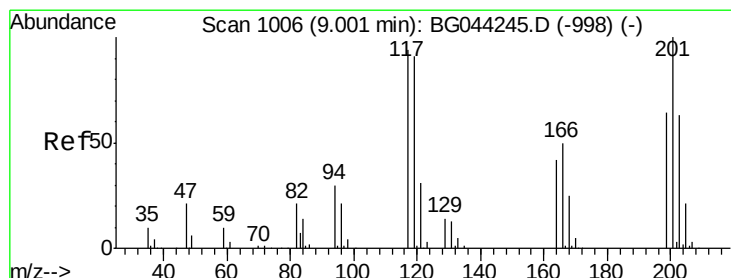
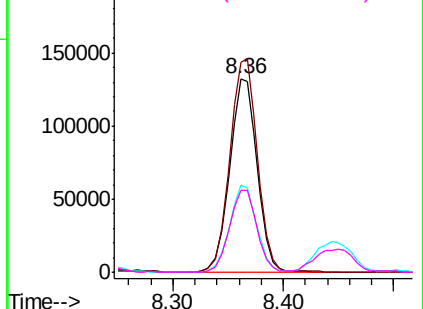
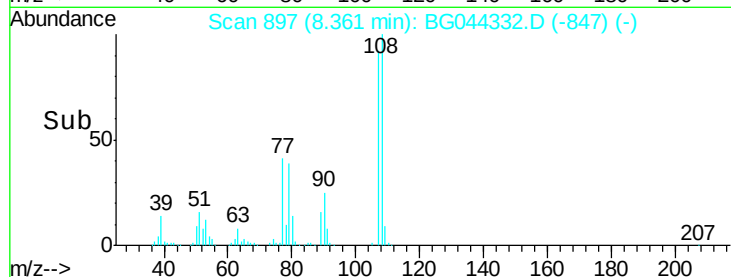
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

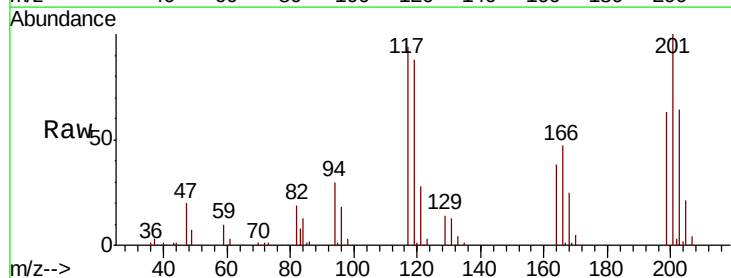
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 40.590 ng  
RT: 9.00 min Scan# 1006  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.7  | 77.5  | 116.3 |
| 201     | 106.1 | 84.9  | 127.3 |

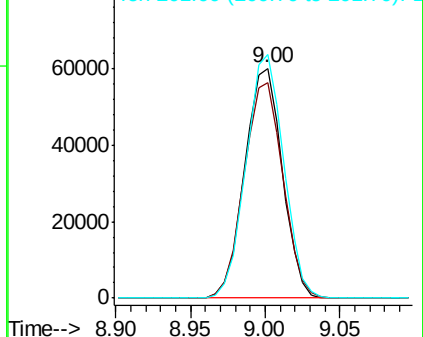
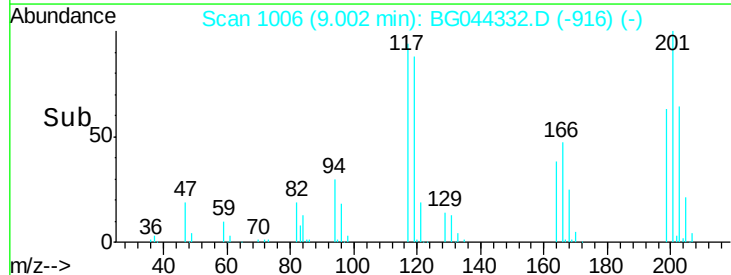


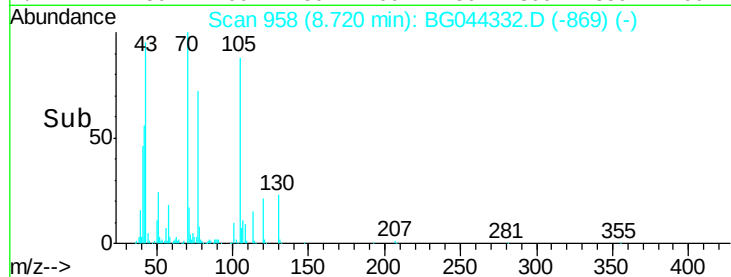
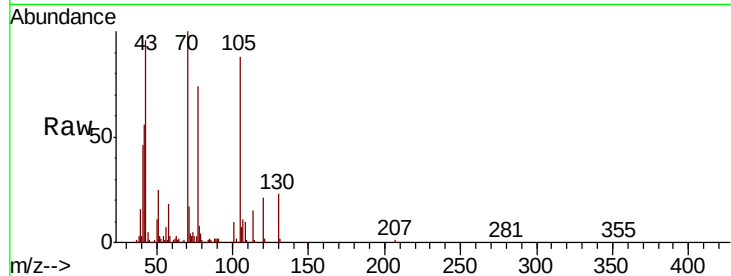
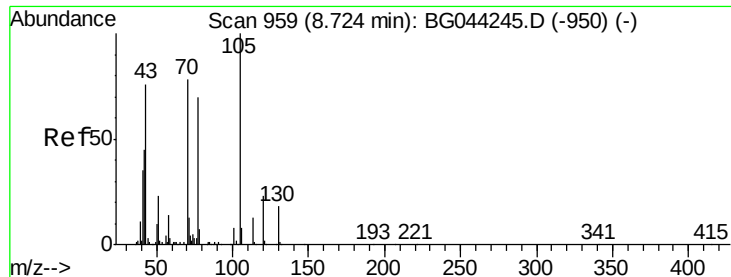
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

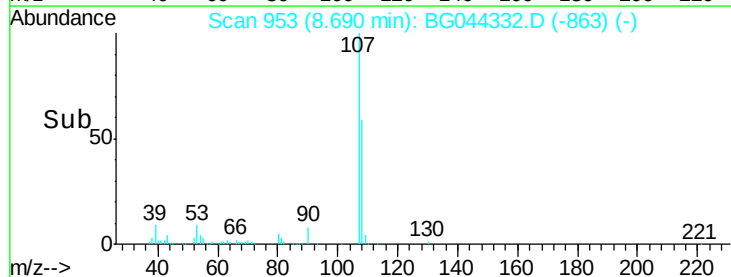
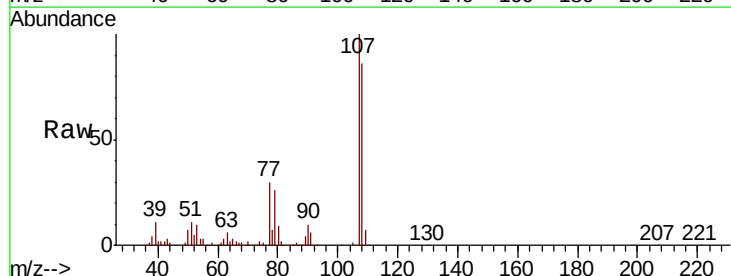
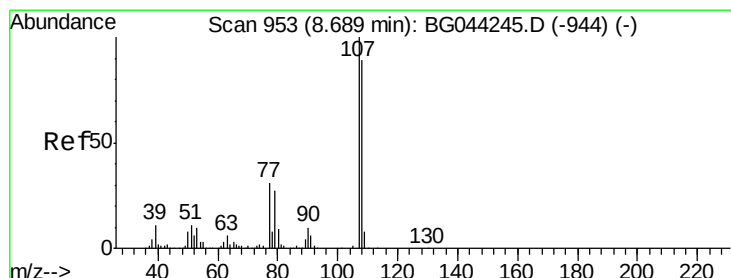
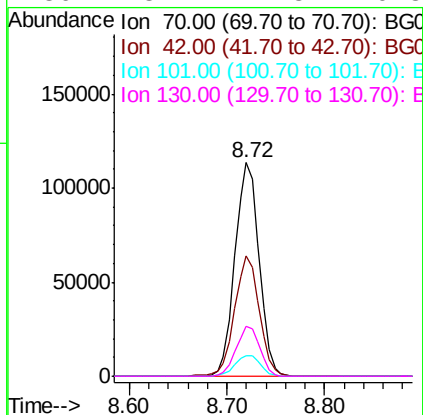
Ion 201.00 (200.70 to 201.70): E





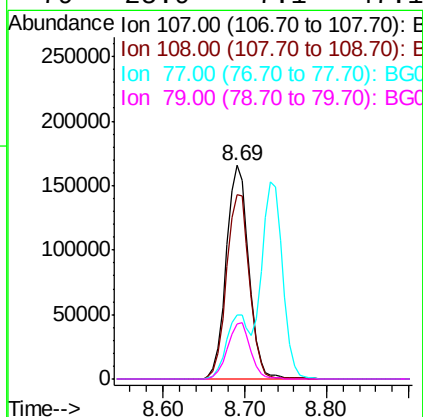
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.971 ng  
RT: 8.72 min Scan# 958  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

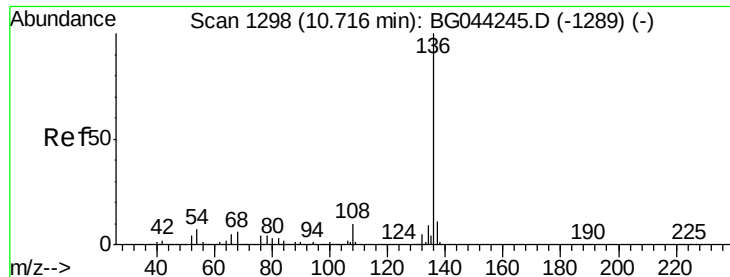
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 56.3 | 46.2  | 69.2  |       |
| 101     | 9.7  | 8.4   | 12.6  |       |
| 130     | 23.2 | 17.8  | 26.8  |       |



#20  
3+4-Methylphenols  
Concen: 45.989 ng  
RT: 8.69 min Scan# 953  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

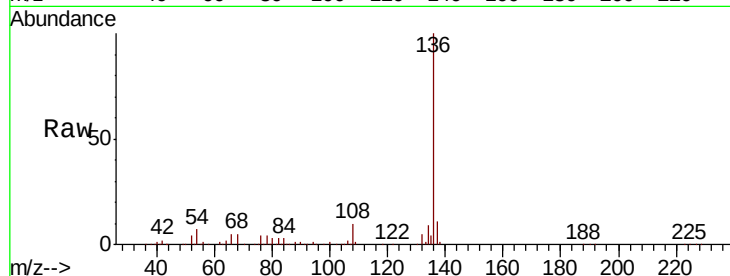
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 86.4 | 68.5  | 108.5 |       |
| 77      | 29.9 | 10.9  | 50.9  |       |
| 79      | 25.9 | 7.1   | 47.1  |       |



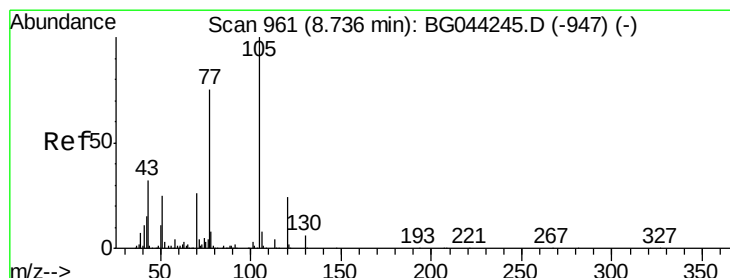
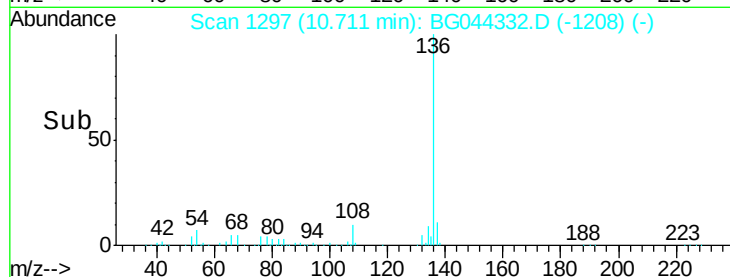
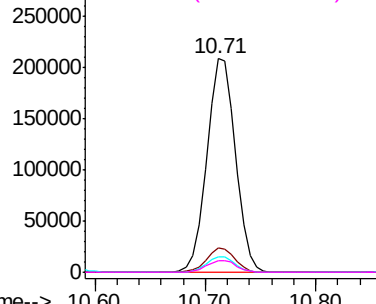


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.71 min Scan# 1297  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 380399 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.3    | 8.8   | 13.2   |
| 54 7.5      | 5.8   | 8.8    |
| 68 5.3      | 4.6   | 6.8    |

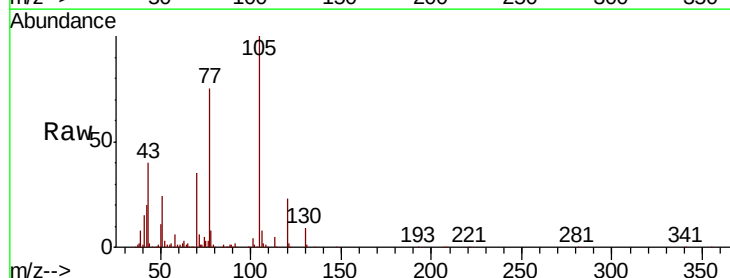


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

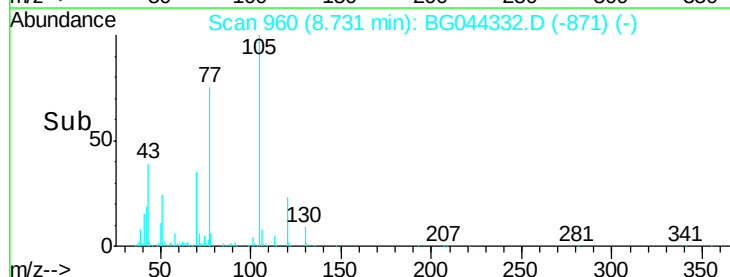
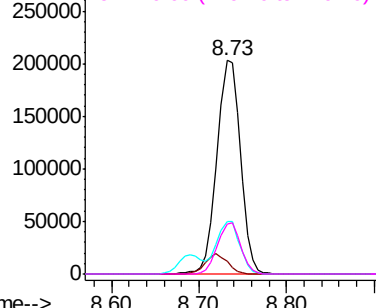


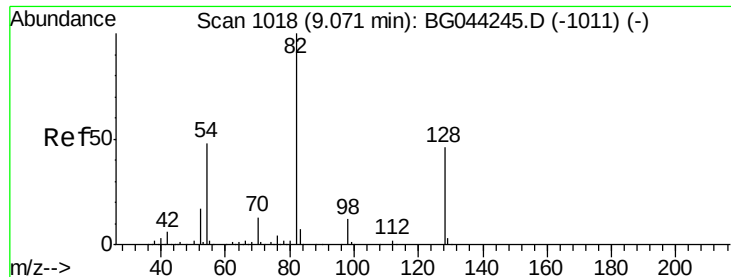
#22  
Acetophenone  
Concen: 39.765 ng  
RT: 8.73 min Scan# 960  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 367986 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 5.9     | 3.4   | 5.0#   |
| 51  | 24.4    | 20.2  | 30.4   |
| 120 | 23.4    | 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: 69.169 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

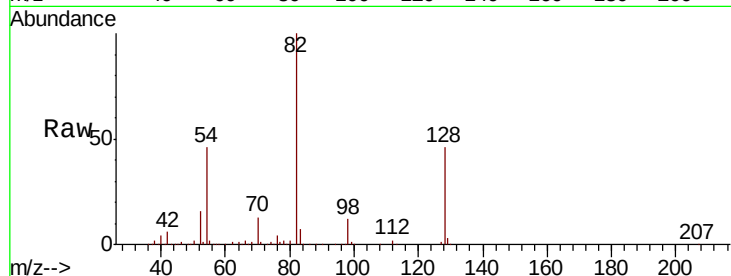
Tot Ion: 82 Resp: 466054

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.2  | 36.5  | 54.7  |
| 54  | 45.9  | 38.6  | 58.0  |

82 100

128 46.2 36.5 54.7

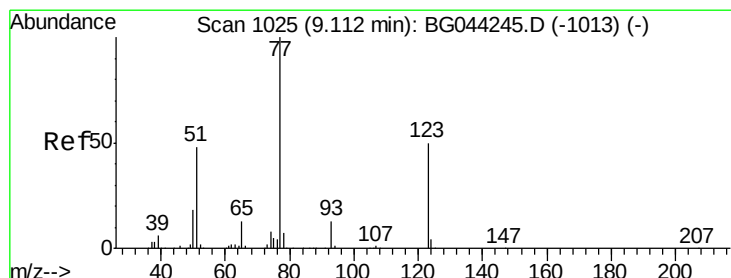
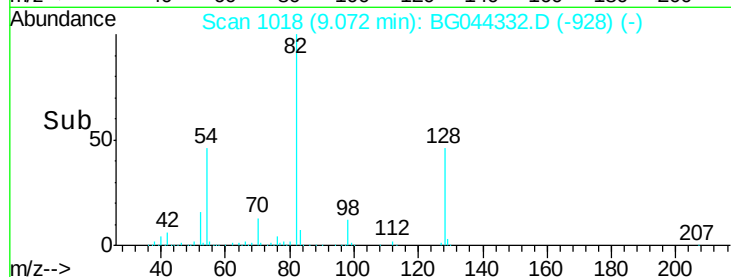
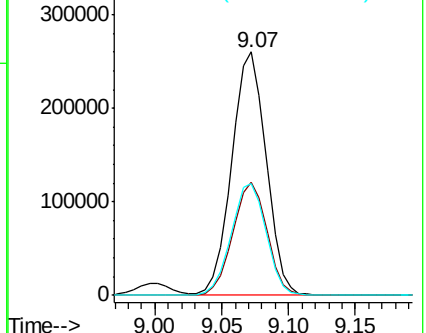
54 45.9 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 42.072 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

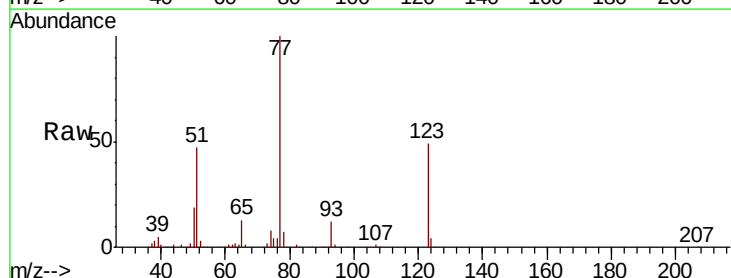
Tgt Ion: 77 Resp: 276746

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 49.5  | 39.9  | 59.9  |
| 65  | 13.4  | 10.4  | 15.6  |

77 100

123 49.5 39.9 59.9

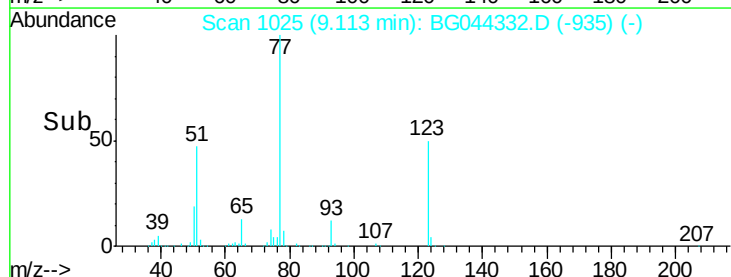
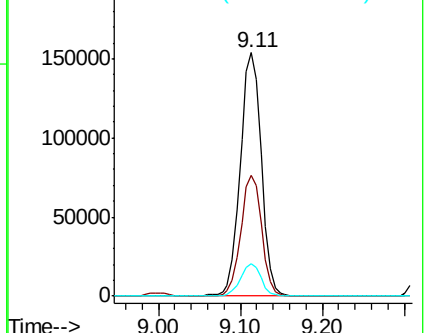
65 13.4 10.4 15.6

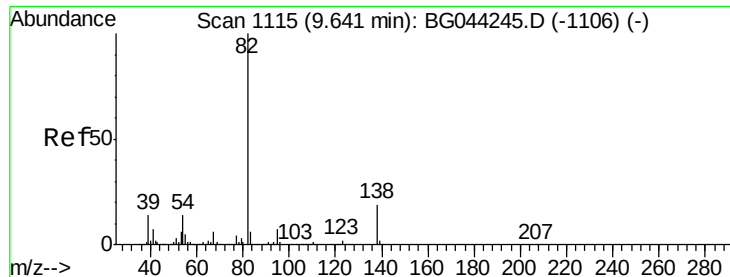


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 42.540 ng

RT: 9.64 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

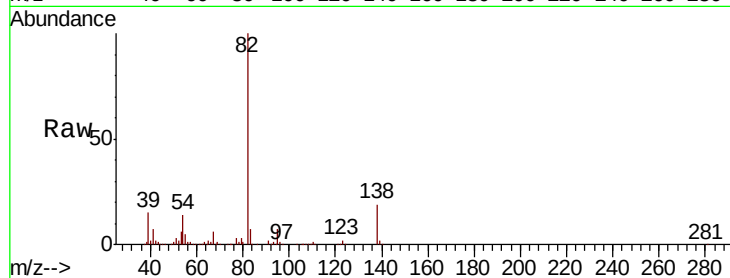
Tot Ion: 82 Resp: 534251

Ion Ratio Lower Upper

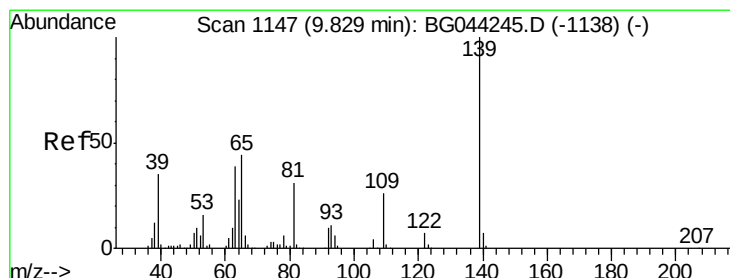
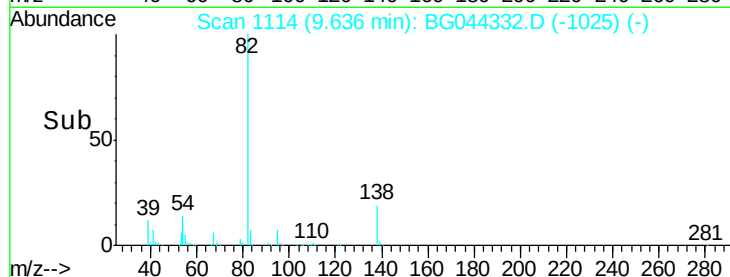
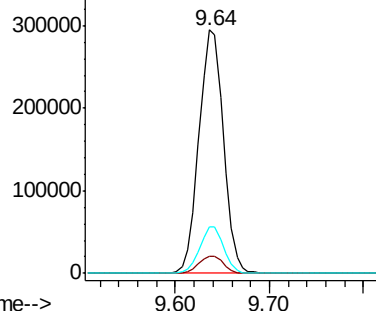
82 100

95 7.0 5.7 8.5

138 18.9 15.0 22.4



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



#26

2-Nitrophenol

Concen: 45.165 ng

RT: 9.82 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

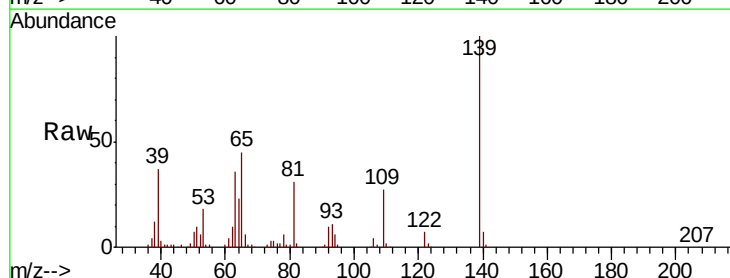
Tgt Ion: 139 Resp: 154156

Ion Ratio Lower Upper

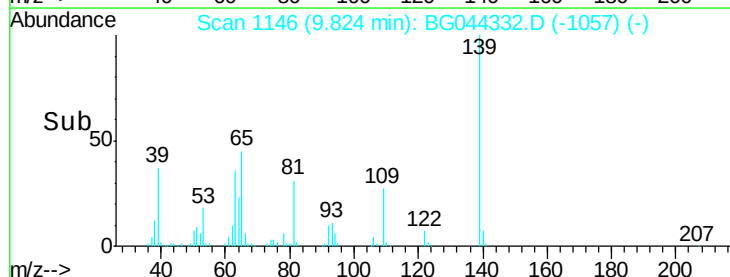
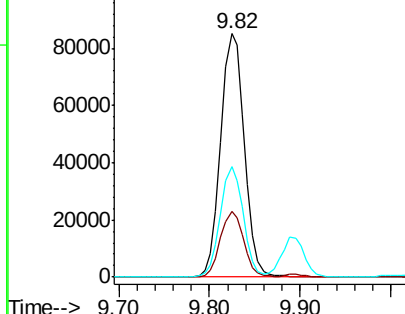
139 100

109 27.2 21.0 31.4

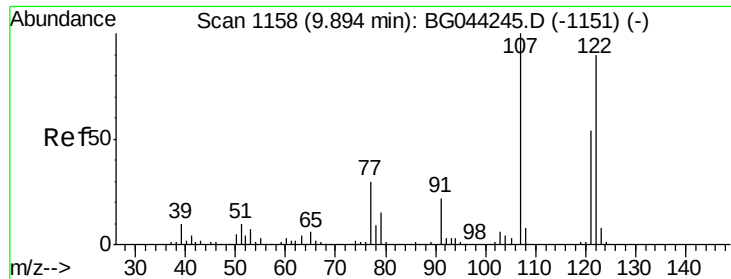
65 45.3 35.0 52.4



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

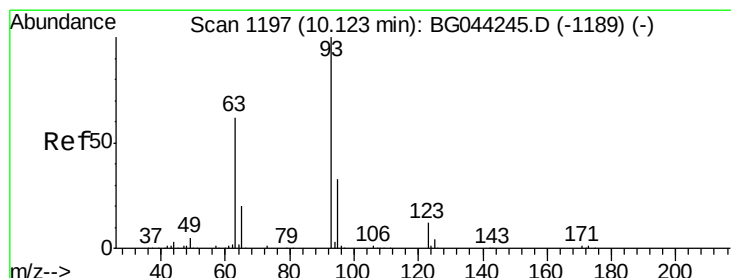
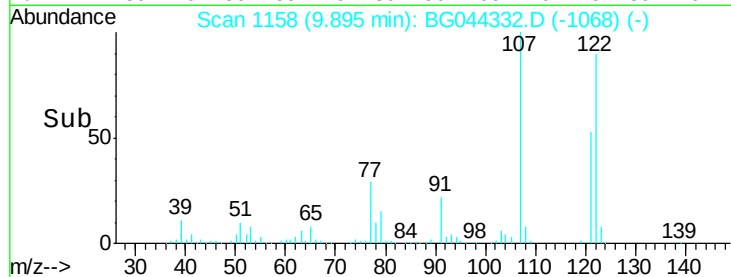
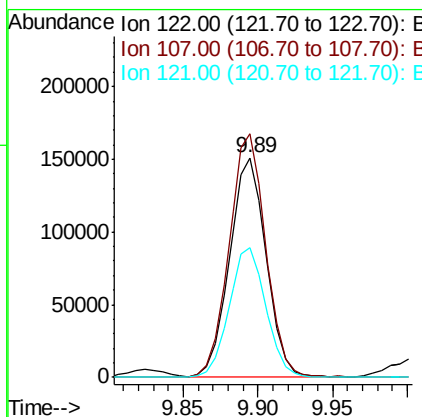
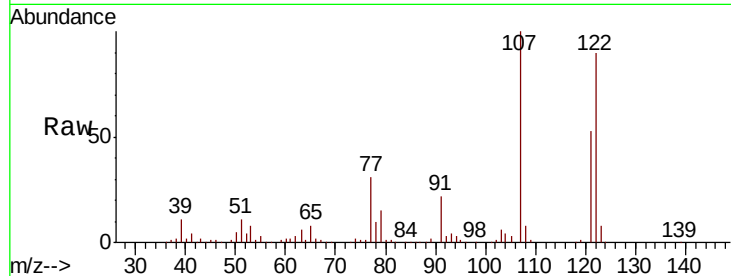






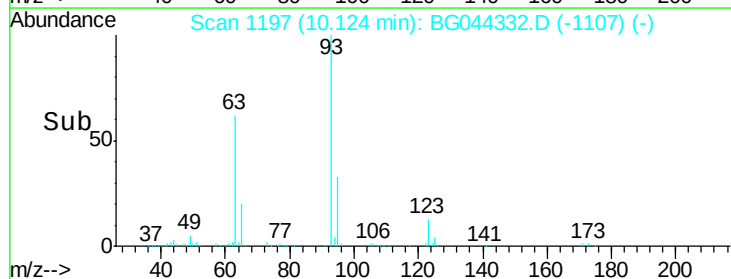
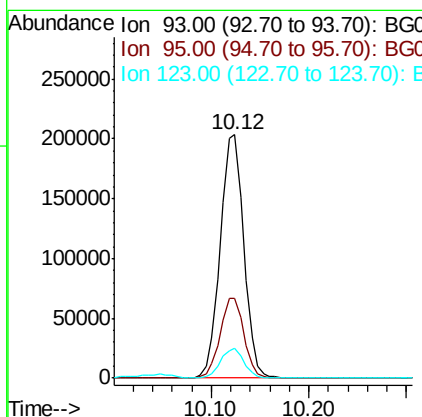
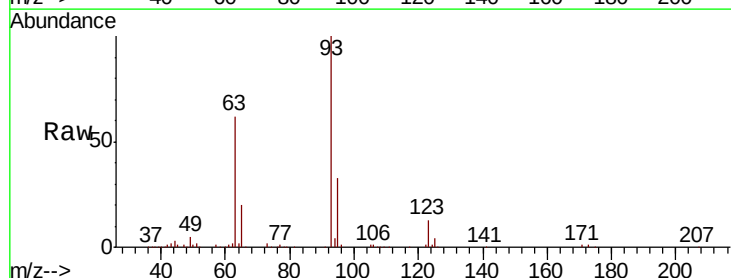
#27  
 2,4-Dimethylphenol  
 Concen: 53.137 ng  
 RT: 9.89 min Scan# 1158  
 Delta R.T. 0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

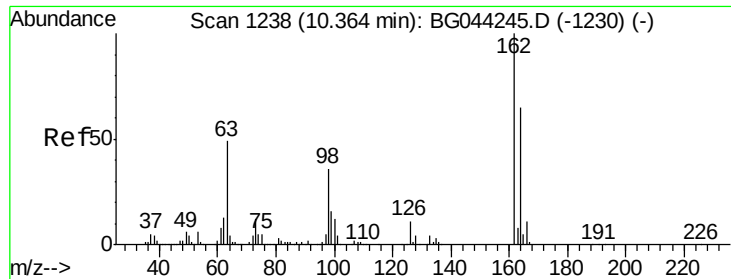
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 122   | Resp: | 256016 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 110.7 | 88.8  | 133.2  |
| 121      | 58.8  | 48.3  | 72.5   |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.658 ng  
 RT: 10.12 min Scan# 1197  
 Delta R.T. 0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

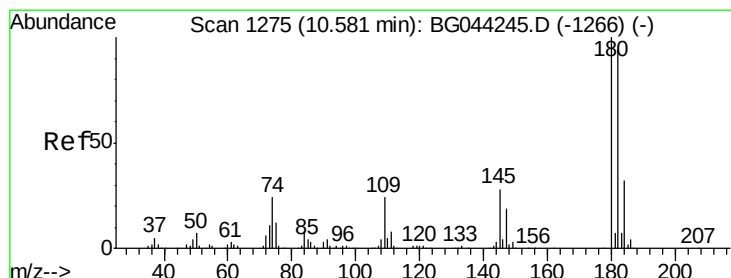
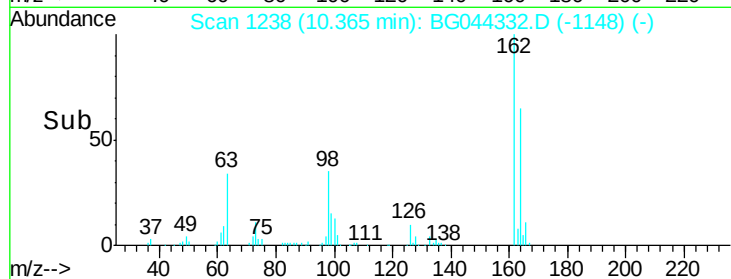
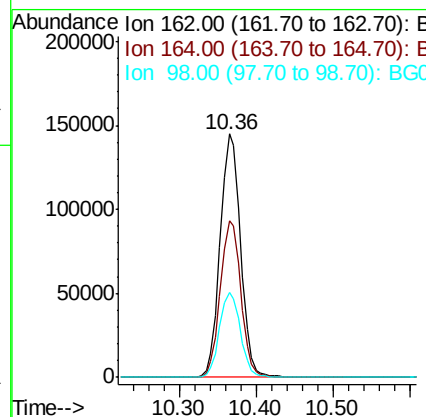
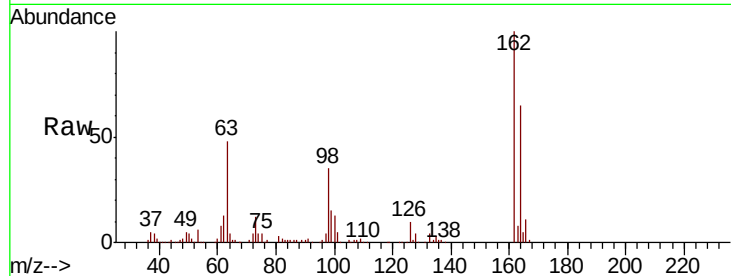
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 340628 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.9  | 26.6  | 40.0   |
| 123      | 12.5  | 10.0  | 15.0   |





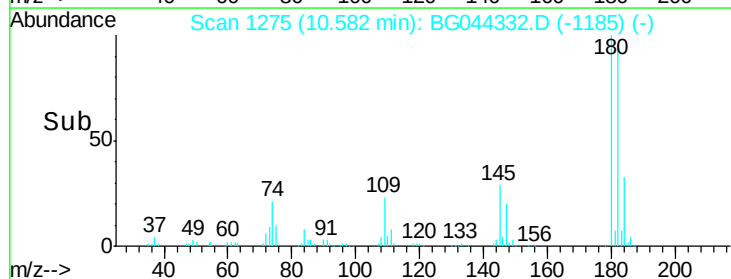
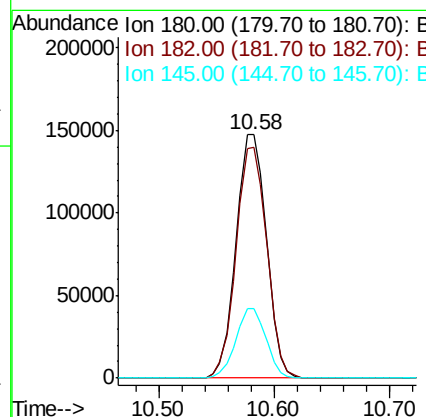
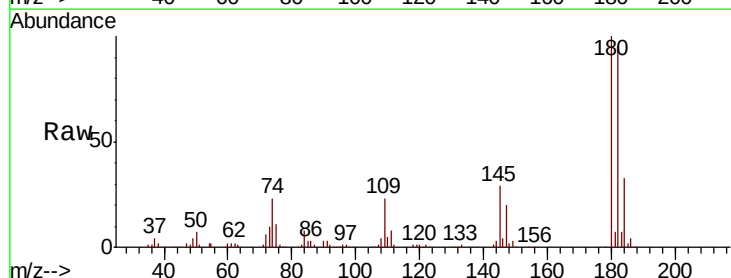
#29  
 2,4-Dichlorophenol  
 Concen: 45.525 ng  
 RT: 10.36 min Scan# 1238  
 Delta R.T. 0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

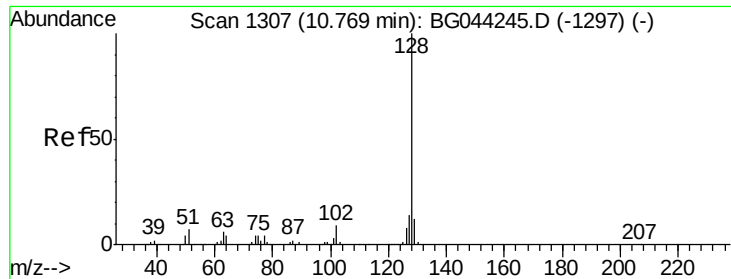
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.6  | 44.7  | 84.7  |
| 98      | 34.9  | 15.8  | 55.8  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.342 ng  
 RT: 10.58 min Scan# 1275  
 Delta R.T. 0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

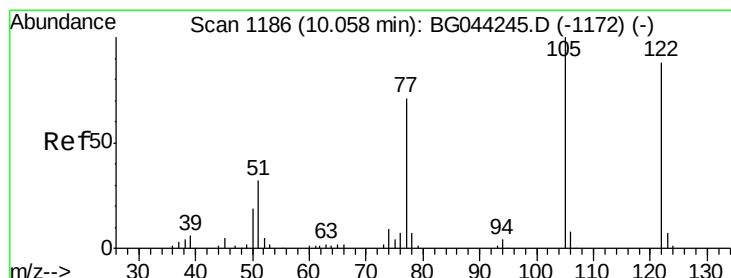
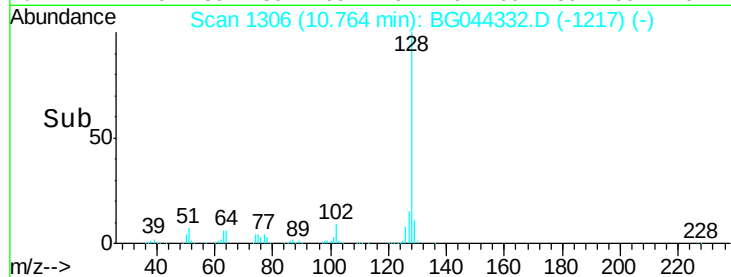
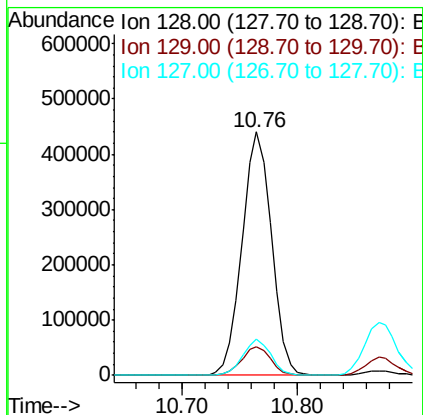
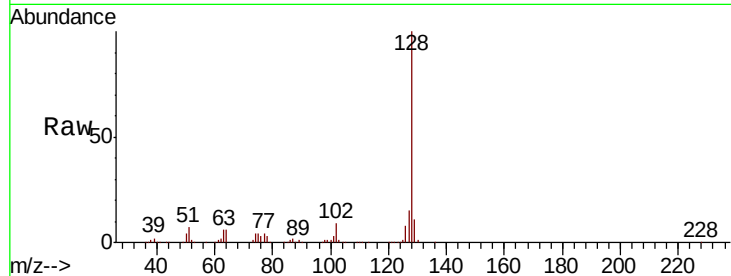
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 75.5  | 113.3 |
| 145     | 28.7  | 22.6  | 34.0  |





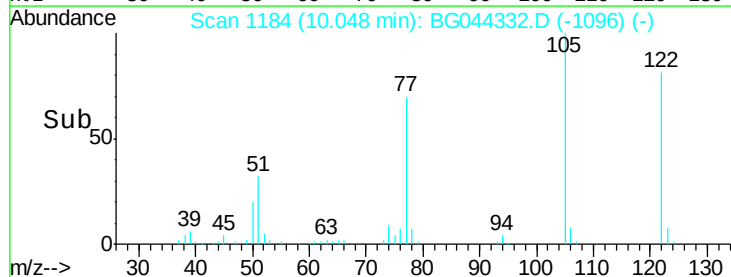
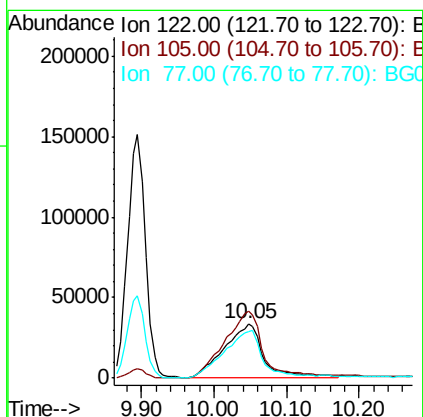
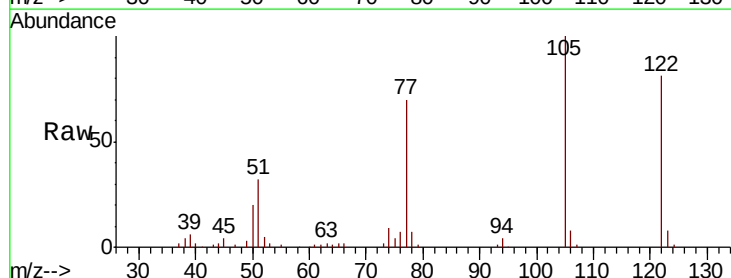
#31  
Naphthalene  
Concen: 42.340 ng  
RT: 10.76 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

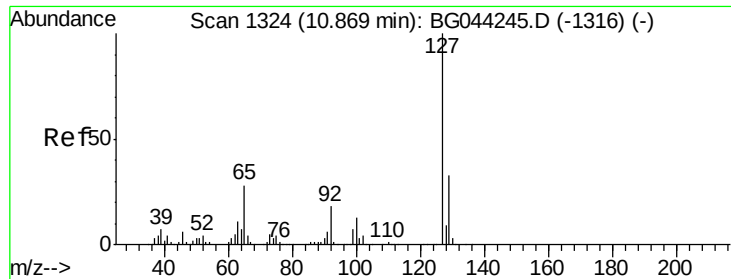
Tot Ion:128 Resp: 781427  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.3 13.9  
127 14.7 11.6 17.4



#32  
Benzoic acid  
Concen: 41.566 ng  
RT: 10.05 min Scan# 1184  
Delta R.T. -0.01 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

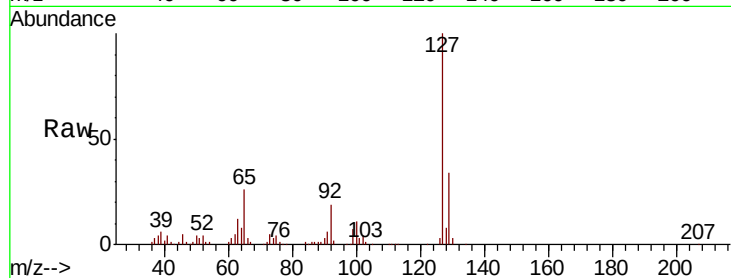
Tgt Ion:122 Resp: 123360  
Ion Ratio Lower Upper  
122 100  
105 122.9 93.5 133.5  
77 86.4 61.0 101.0



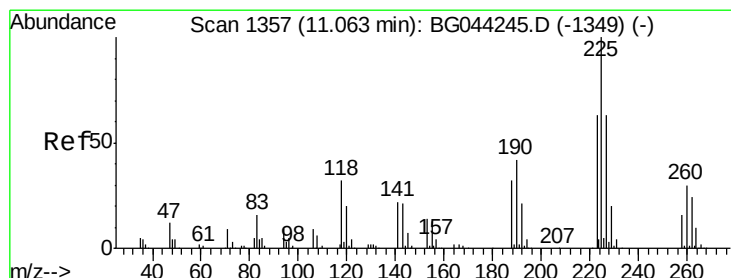
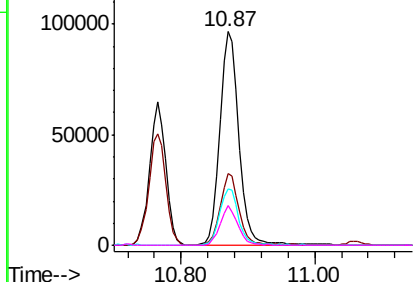
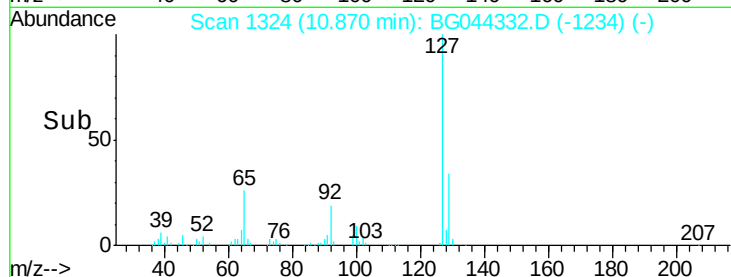


#33  
4-Chloroaniline  
Concen: 23.323 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 195766    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 33.6  | 26.6 40.0 |
| 65          | 26.4  | 22.5 33.7 |
| 92          | 18.9  | 14.1 21.1 |

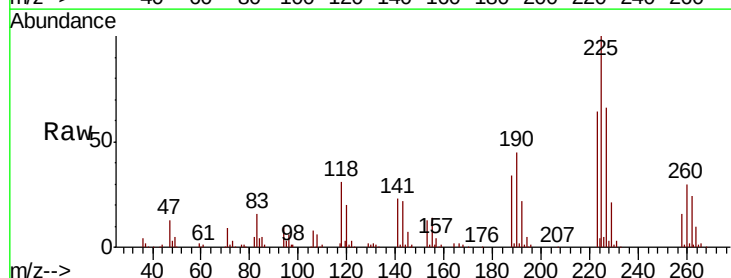


Abundance Ion 127.00 (126.70 to 127.70): E  
150000  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

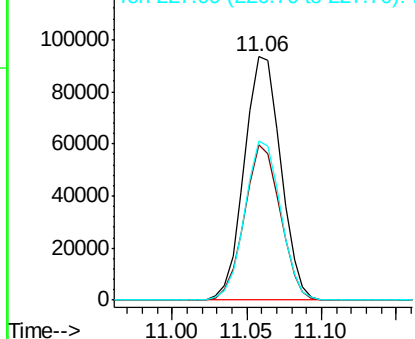
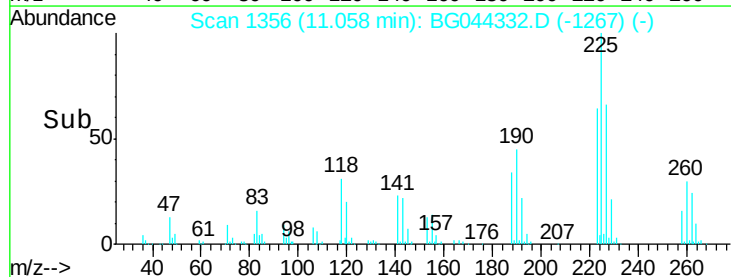


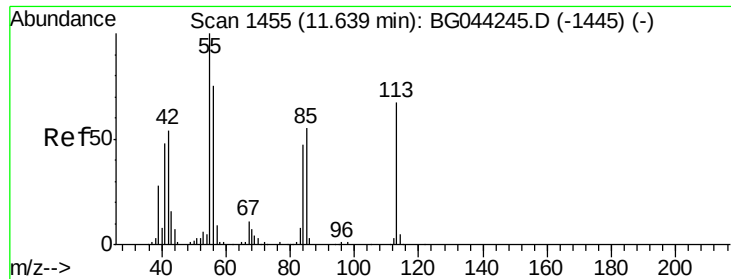
#34  
Hexachlorobutadiene  
Concen: 38.476 ng  
RT: 11.06 min Scan# 1356  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 158157    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.6  | 50.2 75.4 |
| 227         | 65.5  | 50.8 76.2 |



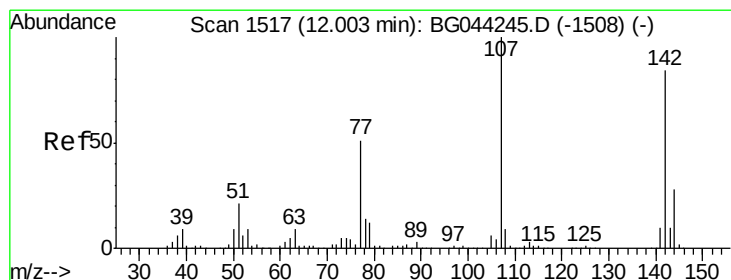
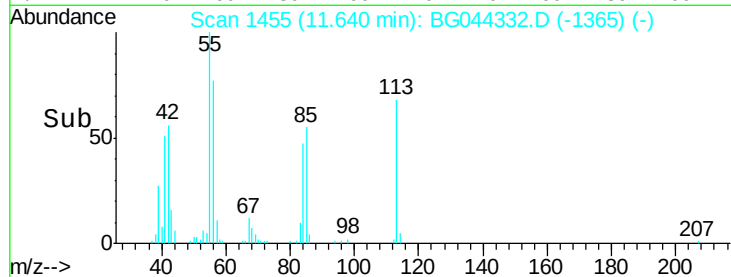
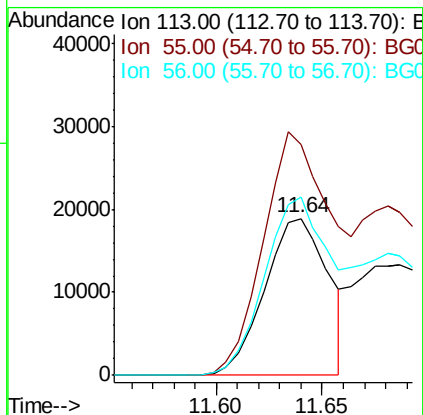
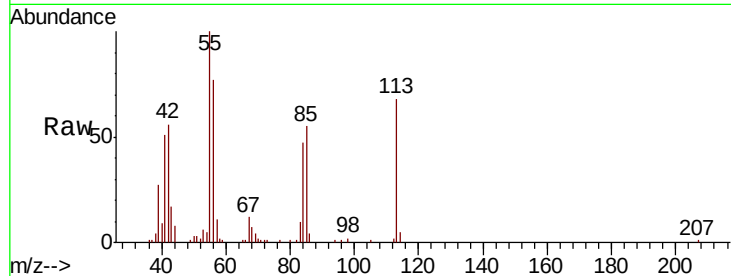
Abundance Ion 225.00 (224.70 to 225.70): E  
120000  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





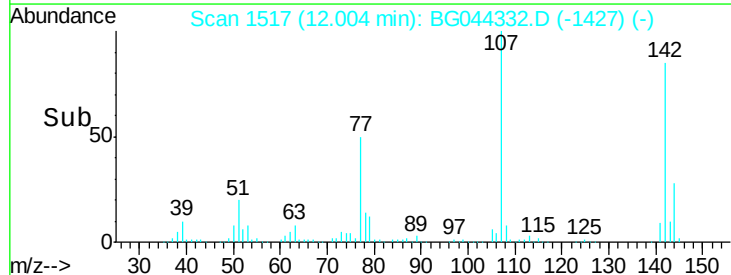
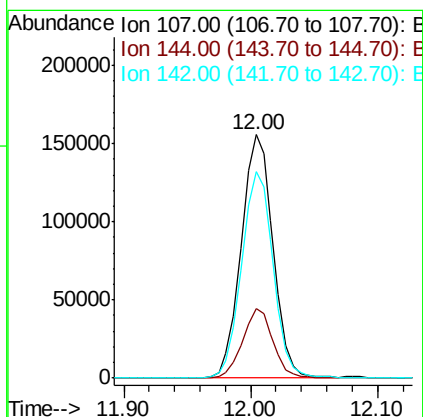
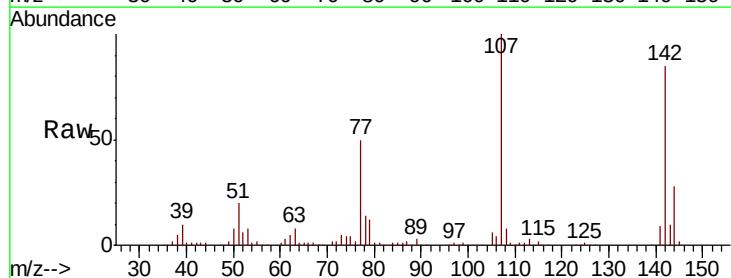
#35  
 Caprolactam  
 Concen: 18.400 ng  
 RT: 11.64 min Scan# 1455  
 Delta R.T. 0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

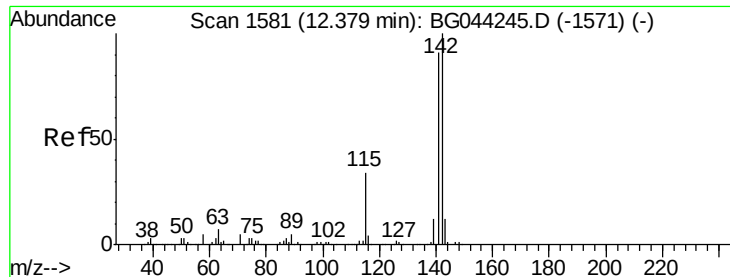
Tot Ion:113 Resp: 39268  
 Ion Ratio Lower Upper  
 113 100  
 55 147.3 129.9 169.9  
 56 113.7 92.5 132.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.263 ng  
 RT: 12.00 min Scan# 1517  
 Delta R.T. 0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

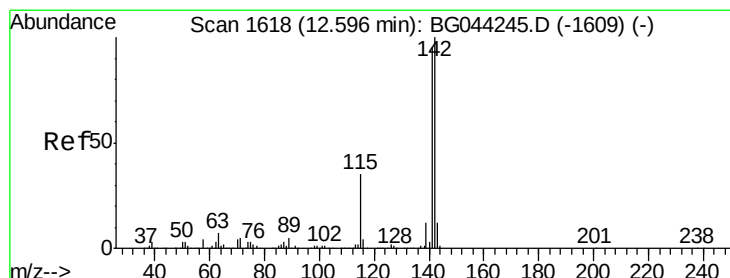
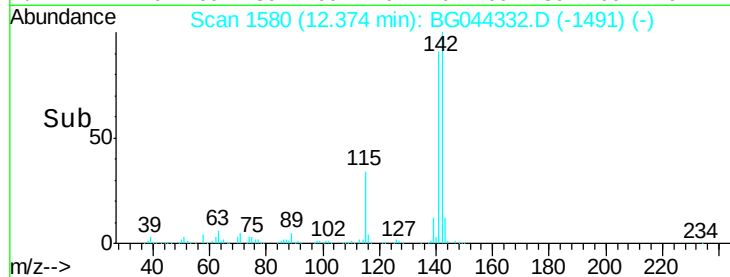
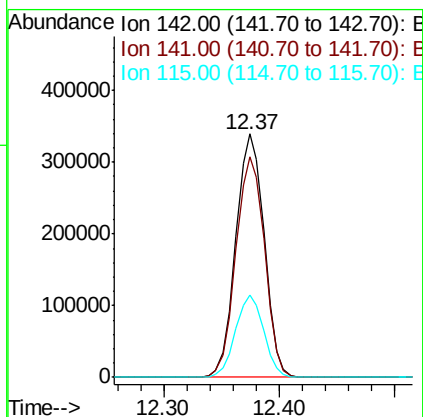
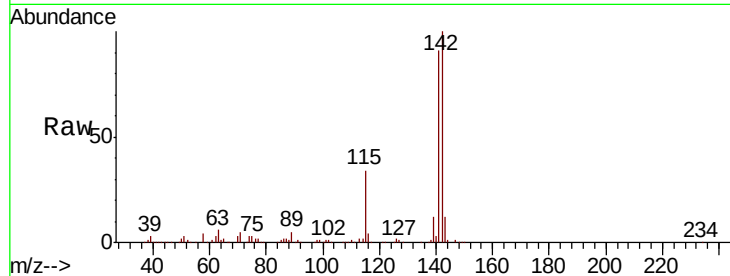
Tgt Ion:107 Resp: 270364  
 Ion Ratio Lower Upper  
 107 100  
 144 28.5 22.2 33.4  
 142 84.6 67.4 101.0





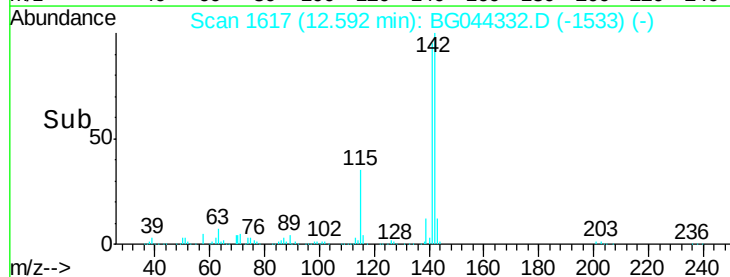
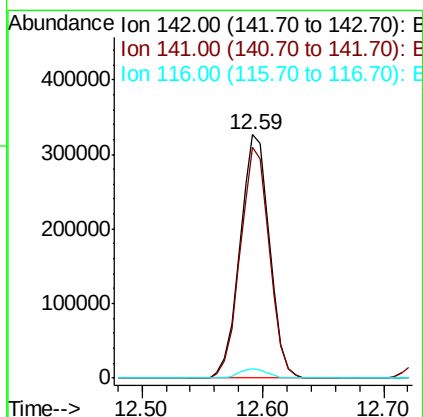
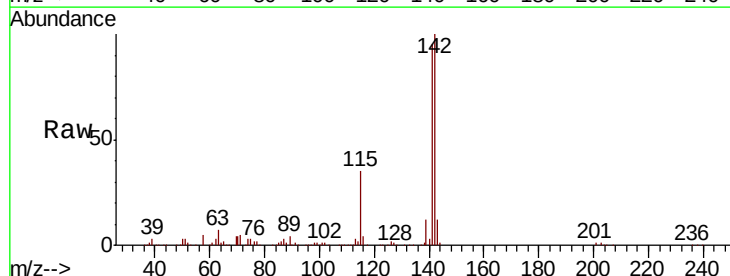
#37  
2-Methylnaphthalene  
Concen: 42.132 ng  
RT: 12.37 min Scan# 1580  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

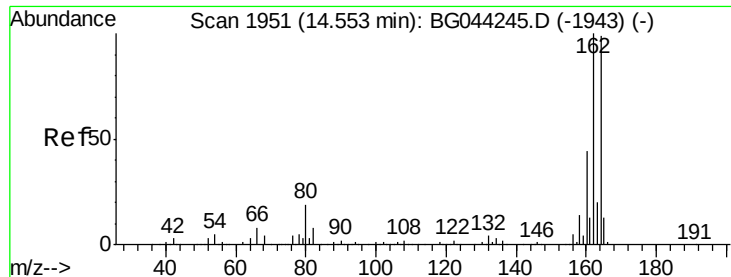
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.8  | 73.2  | 109.8 |
| 115     | 33.8  | 27.1  | 40.7  |



#38  
1-Methylnaphthalene  
Concen: 42.885 ng  
RT: 12.59 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.7  | 75.8  | 113.6 |
| 116     | 3.8   | 3.1   | 4.7   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

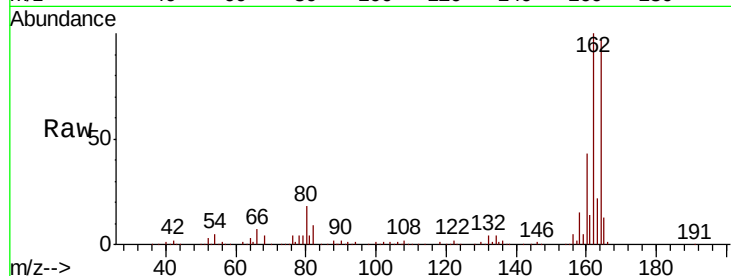
Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tot Ion:164 Resp: 240603

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.1 | 80.7  | 121.1 |
| 160 | 44.7  | 35.3  | 52.9  |

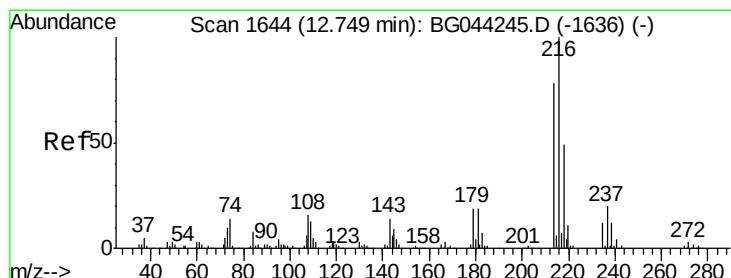
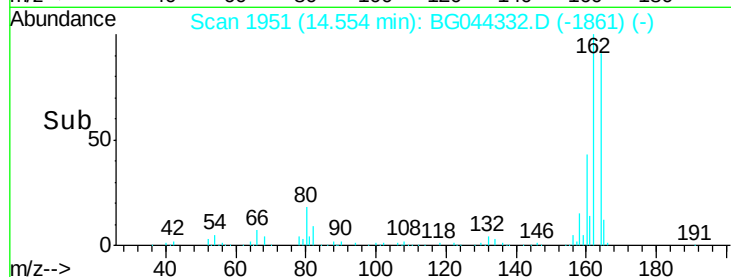
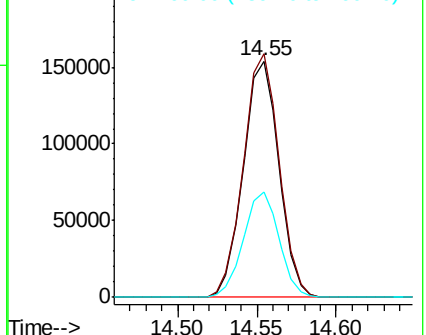


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.023 ng

RT: 12.74 min Scan# 1643

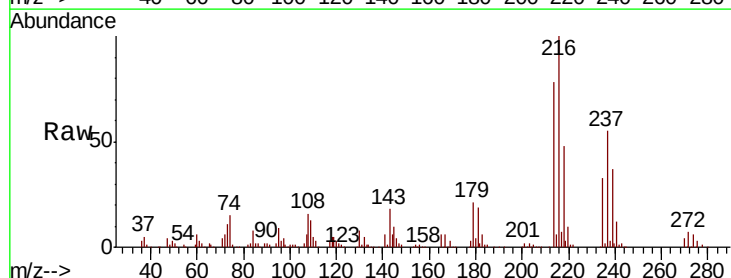
Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion:216 Resp: 288053

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 78.1  | 63.0  | 94.6  |
| 179 | 20.5  | 16.2  | 24.4  |
| 108 | 18.5  | 13.5  | 20.3  |



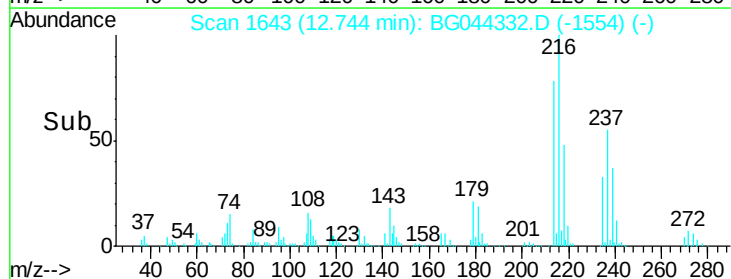
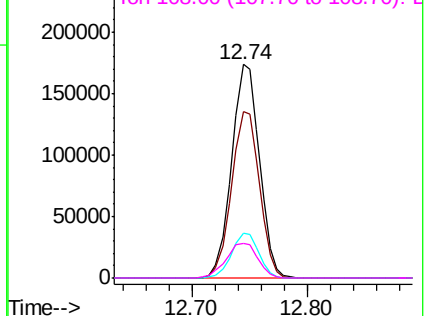
Abundance

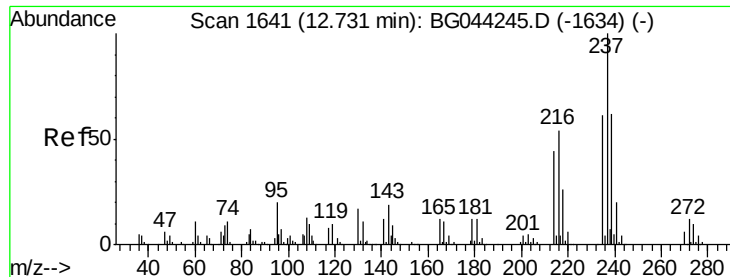
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

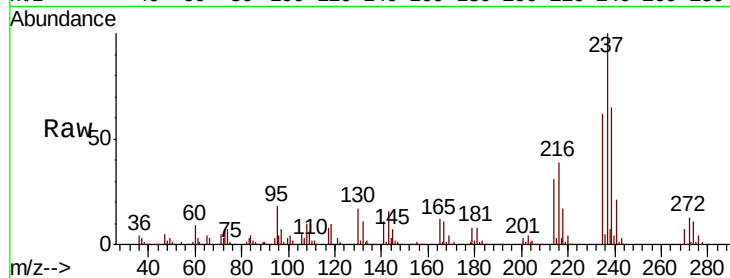
Ion 108.00 (107.70 to 108.70): E



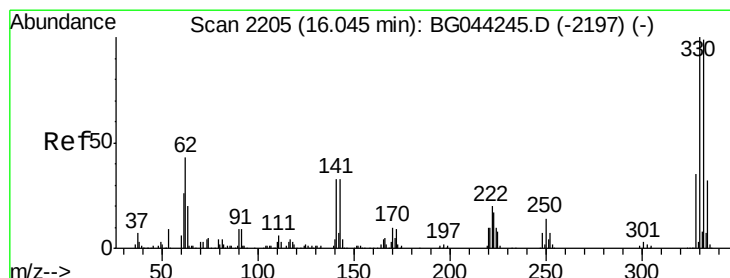
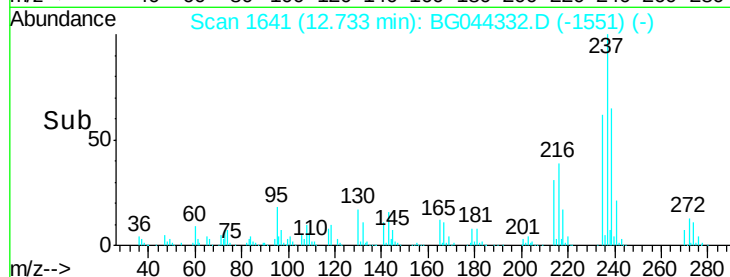
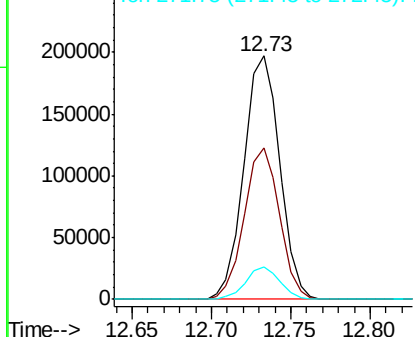


#41  
Hexachlorocyclopentadiene  
Concen: 89.542 ng  
RT: 12.73 min Scan# 1641  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.0  | 41.2  | 81.2  |
| 272     | 13.1  | 0.0   | 32.4  |

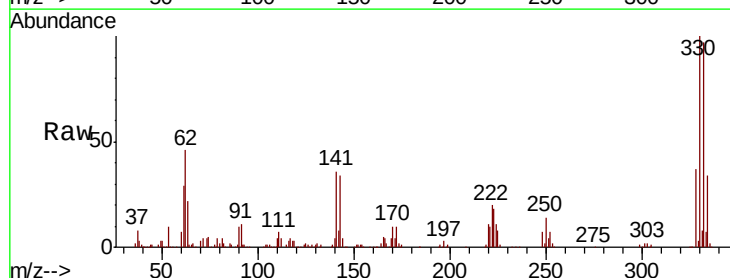


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

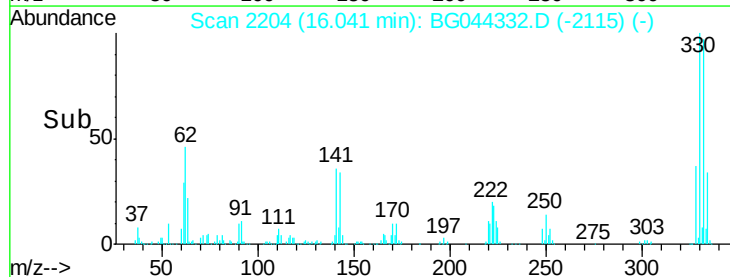
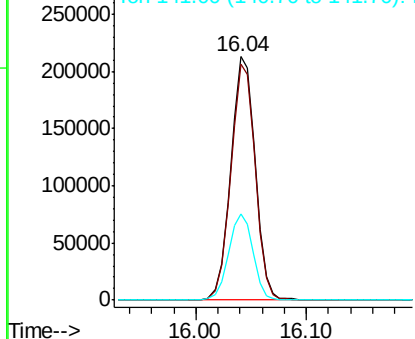


#42  
2,4,6-Tribromophenol  
Concen: 117.135 ng  
RT: 16.04 min Scan# 2204  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

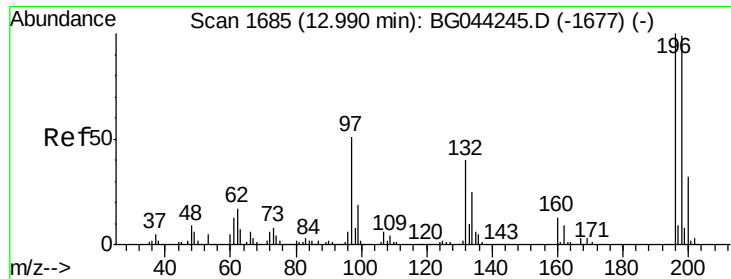
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.6  | 77.2  | 115.8 |
| 141     | 35.5  | 28.3  | 42.5  |



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

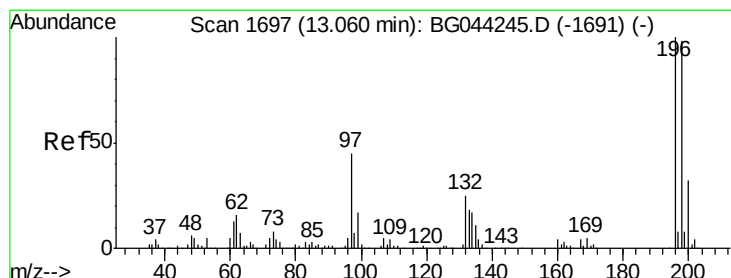
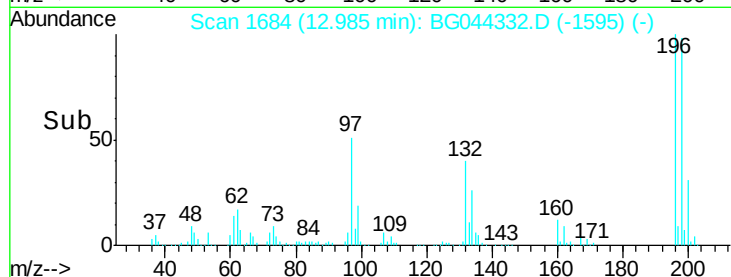
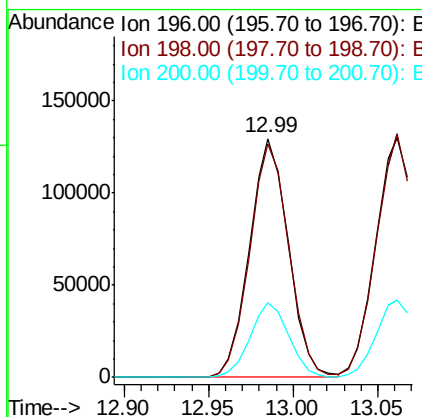
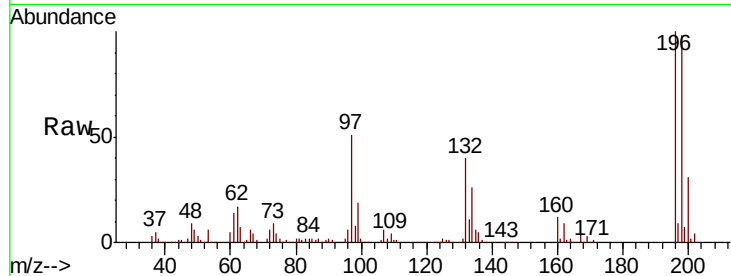






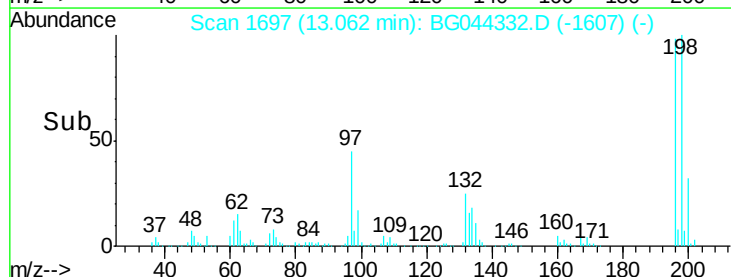
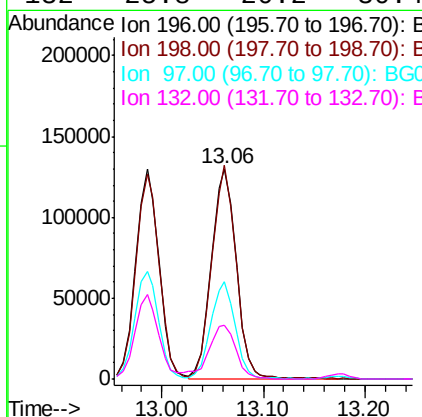
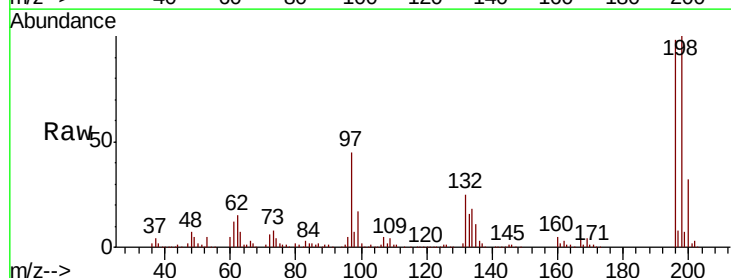
#43  
 2,4,6-Trichlorophenol  
 Concen: 44.429 ng  
 RT: 12.99 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

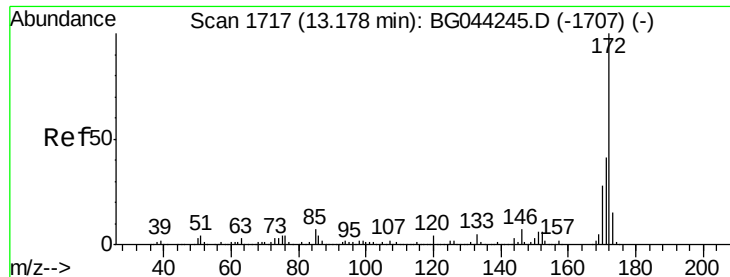
| Tot Ion   | 196   | Resp  | 206687 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.6  | 79.3  | 118.9  |
| 200       | 31.2  | 25.7  | 38.5   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 46.559 ng  
 RT: 13.06 min Scan# 1697  
 Delta R.T. 0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

| Tgt Ion   | 196   | Resp  | 221232 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 101.6 | 78.2  | 117.2  |
| 97        | 46.1  | 36.2  | 54.4   |
| 132       | 25.8  | 20.2  | 30.4   |

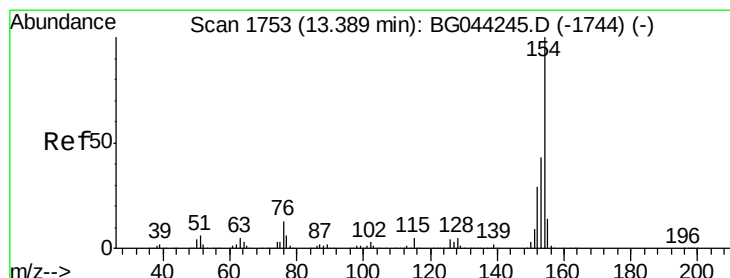
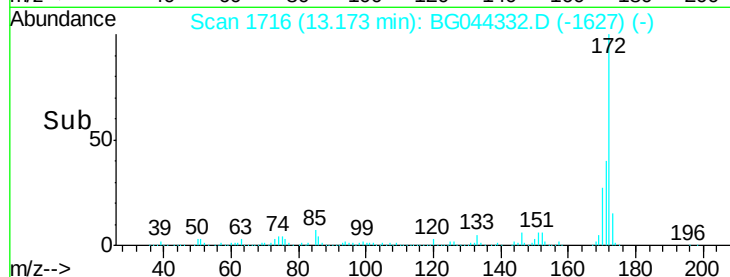
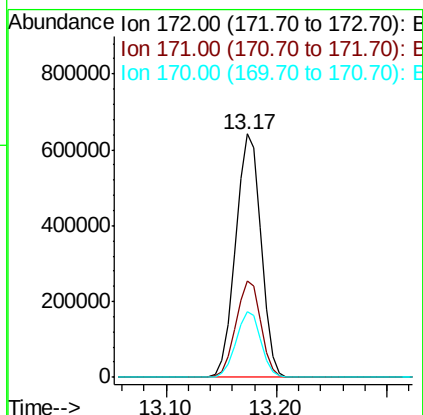
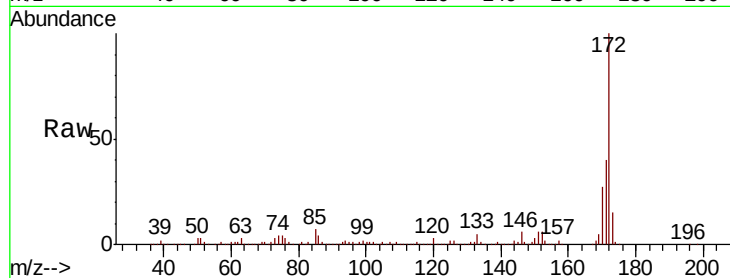




#45  
 2-Fluorobiphenyl  
 Concen: 72.155 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

Tot Ion:172 Resp: 1036736

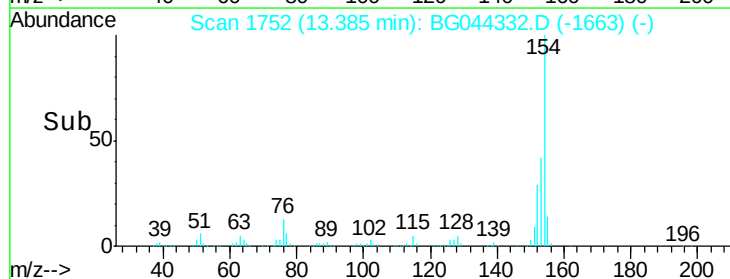
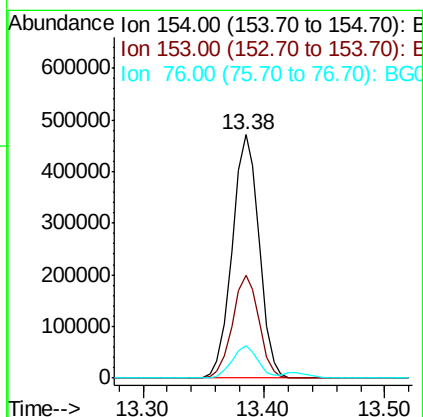
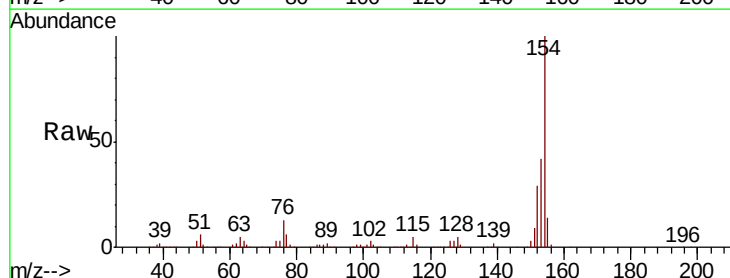
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 39.5  | 32.9  | 49.3  |
| 170 | 26.7  | 22.0  | 33.0  |

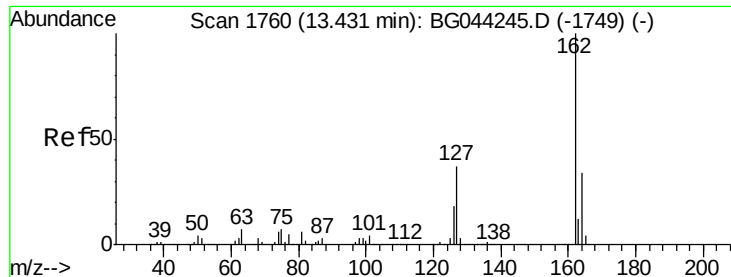


#46  
 1,1'-Biphenyl  
 Concen: 41.978 ng  
 RT: 13.38 min Scan# 1752  
 Delta R.T. -0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

Tgt Ion:154 Resp: 728518

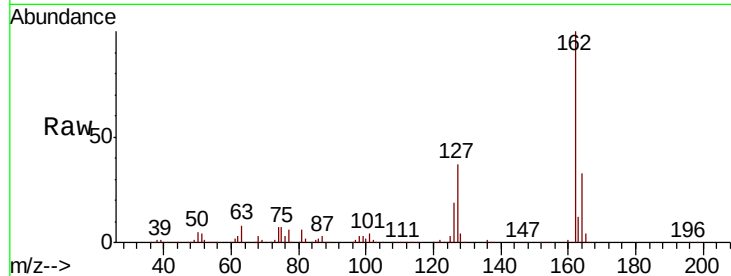
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.2  | 22.7  | 62.7  |
| 76  | 13.2  | 0.0   | 32.9  |



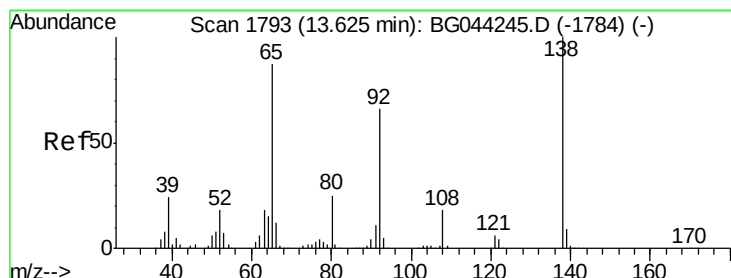
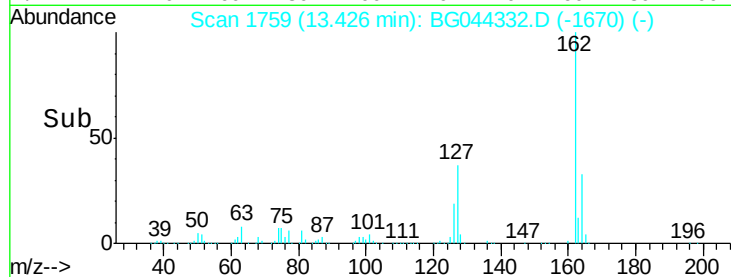
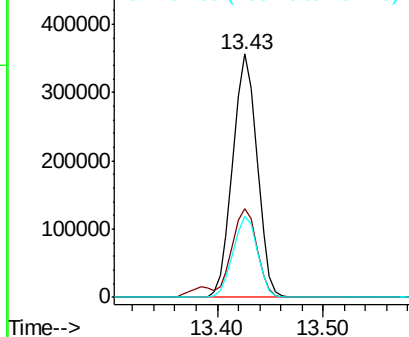


#47  
2-Chloronaphthalene  
Concen: 41.091 ng  
RT: 13.43 min Scan# 1759  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

Tot Ion:162 Resp: 567478  
Ion Ratio Lower Upper  
162 100  
127 36.6 30.0 45.0  
164 33.3 27.2 40.8

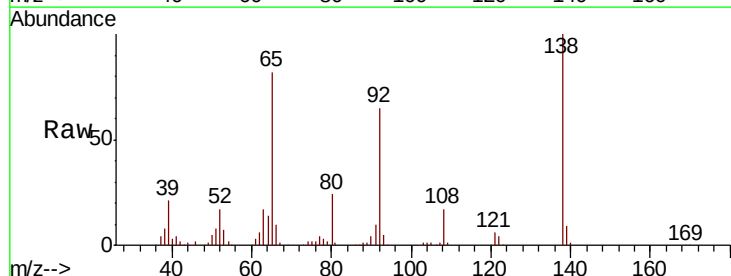


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

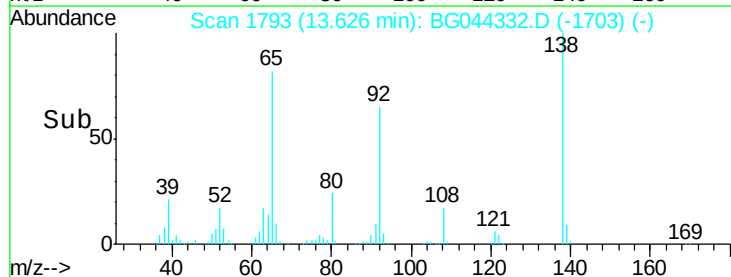
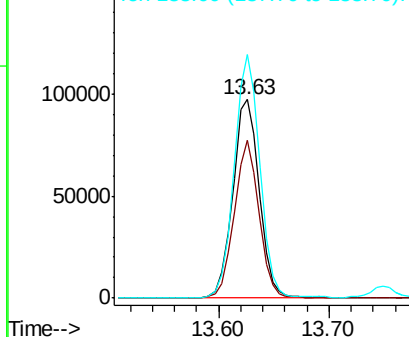


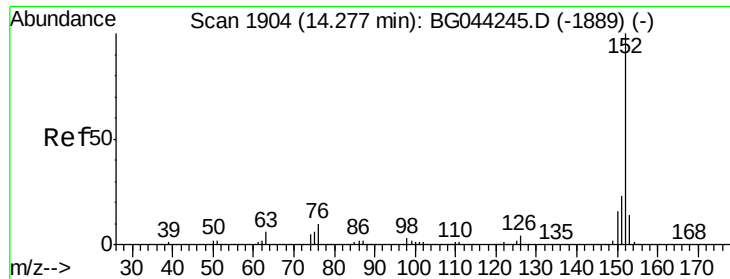
#48  
2-Nitroaniline  
Concen: 40.127 ng  
RT: 13.63 min Scan# 1793  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

Tgt Ion: 65 Resp: 163543  
Ion Ratio Lower Upper  
65 100  
92 79.2 60.3 90.5  
138 122.5 91.9 137.9



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





#49

Acenaphthylene

Concen: 43.690 ng

RT: 14.27 min Scan# 1903

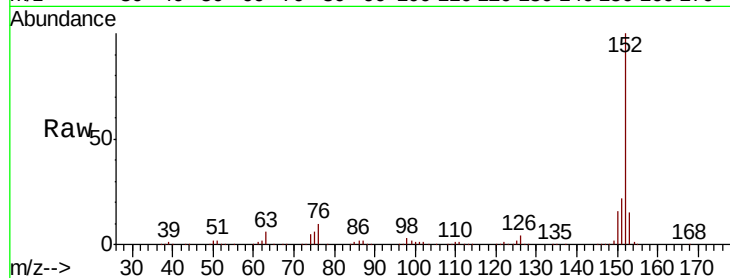
Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tot Ion:152 Resp: 884986

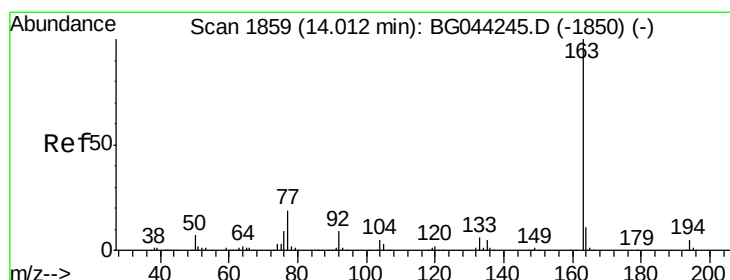
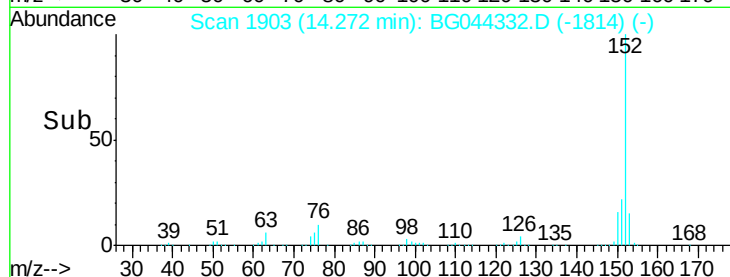
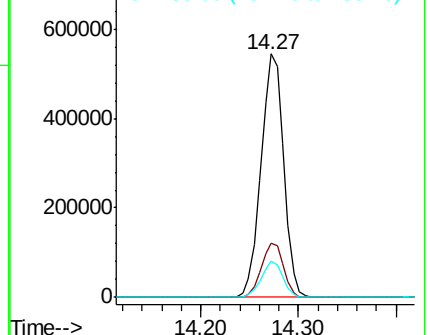
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 22.3  | 18.1  | 27.1  |
| 153 | 14.7  | 11.5  | 17.3  |



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.210 ng

RT: 14.01 min Scan# 1858

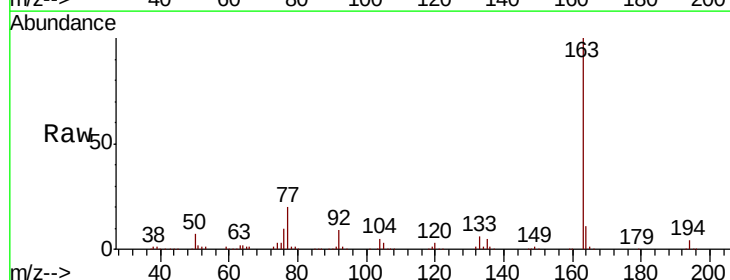
Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion:163 Resp: 712740

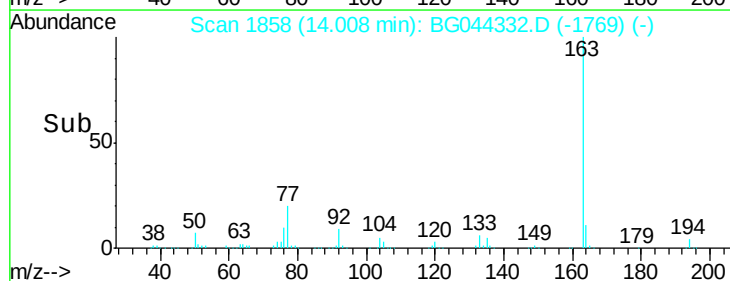
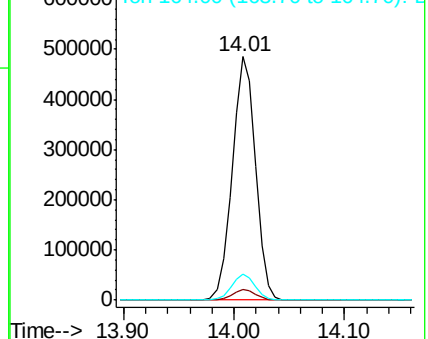
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.3   | 3.6   | 5.4   |
| 164 | 10.9  | 8.7   | 13.1  |

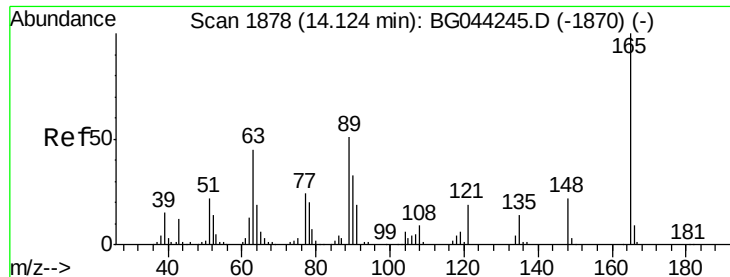


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

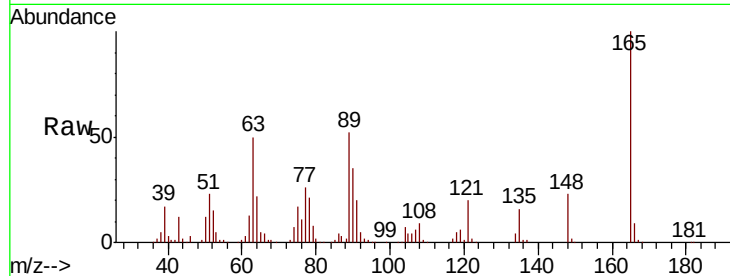
Ion 164.00 (163.70 to 164.70): E



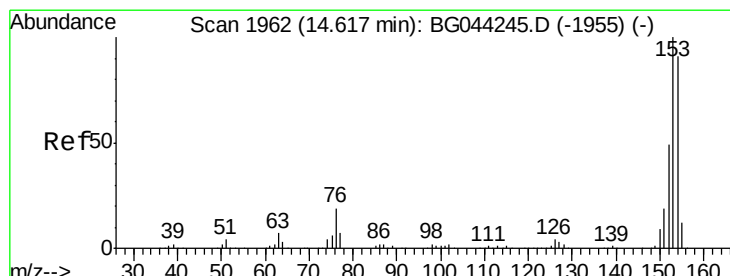
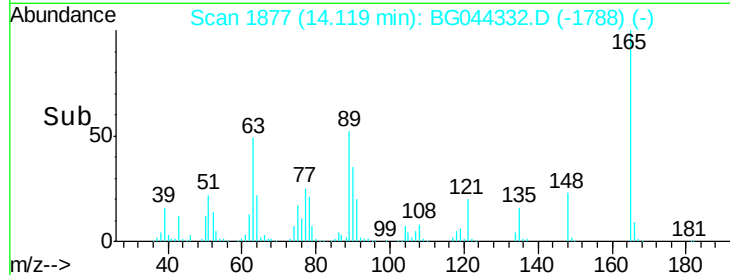
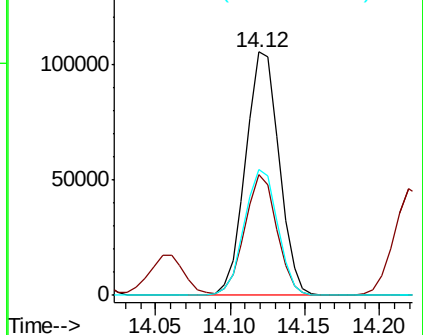


#51  
 2,6-Dinitrotoluene  
 Concen: 42.344 ng  
 RT: 14.12 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.8  | 38.7  | 58.1  |
| 89      | 51.5  | 40.4  | 60.6  |

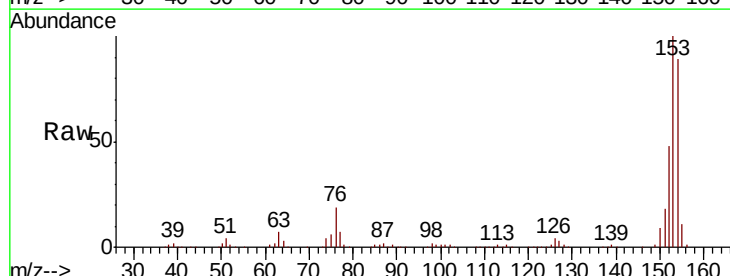


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

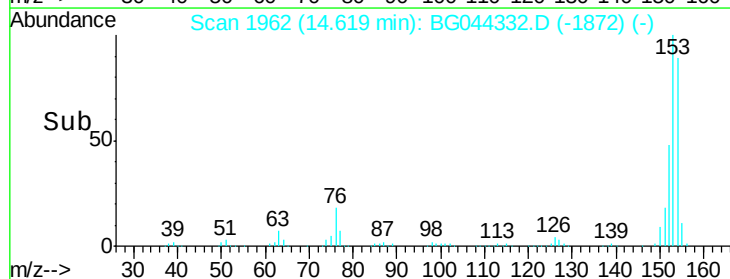
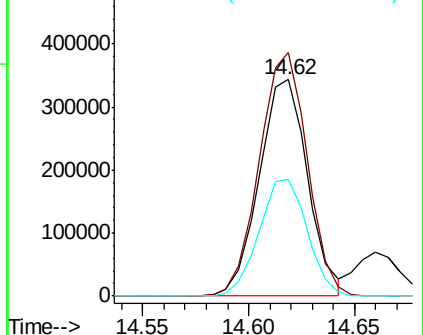


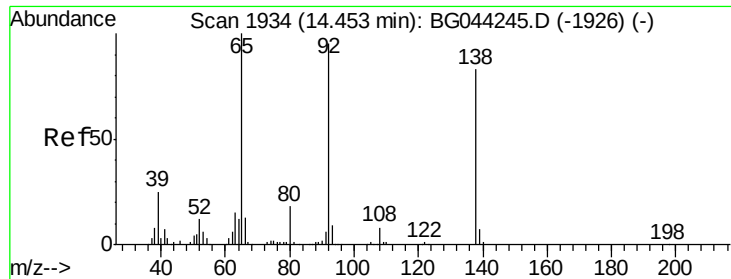
#52  
 Acenaphthene  
 Concen: 41.695 ng  
 RT: 14.62 min Scan# 1962  
 Delta R.T. 0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.4 | 87.9  | 131.9 |
| 152     | 54.2  | 43.1  | 64.7  |



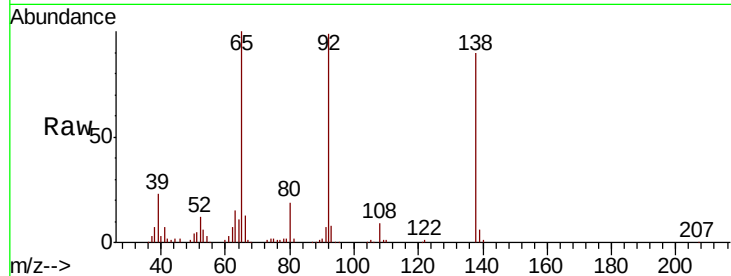
Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E



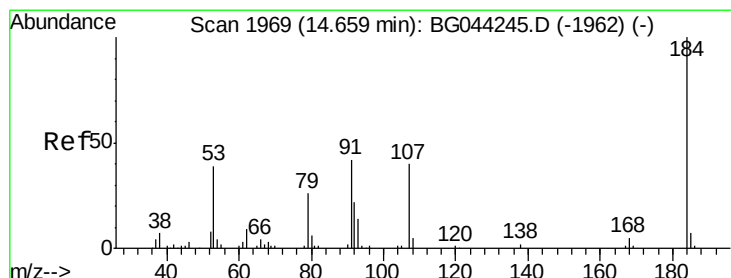
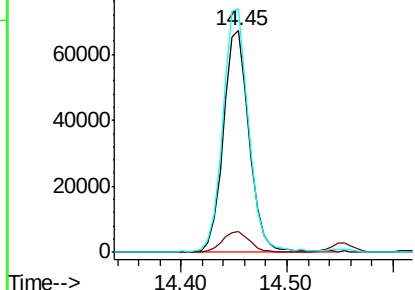
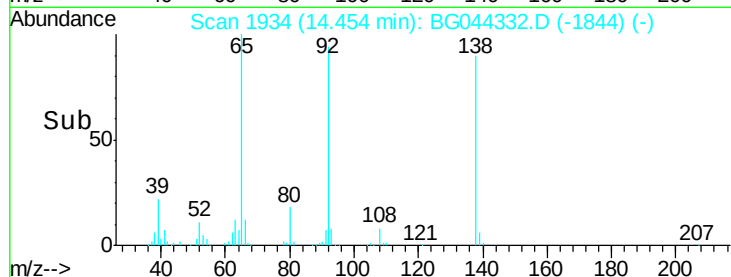


#53  
 3-Nitroaniline  
 Concen: 26.755 ng  
 RT: 14.45 min Scan# 1934  
 Delta R.T. 0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

Tot Ion:138 Resp: 114145  
 Ion Ratio Lower Upper  
 138 100  
 108 9.7 7.9 11.9  
 92 110.0 91.0 136.4

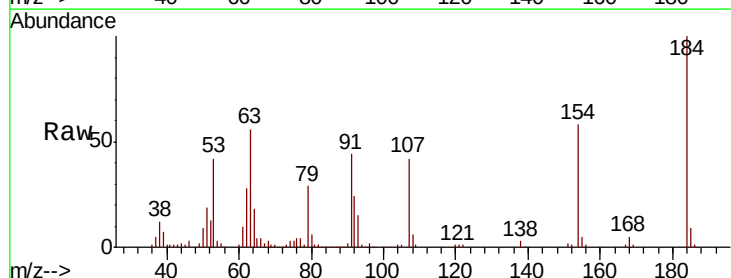


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): B

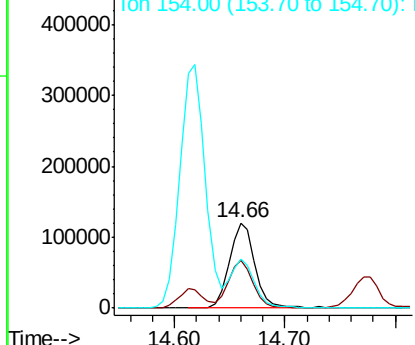
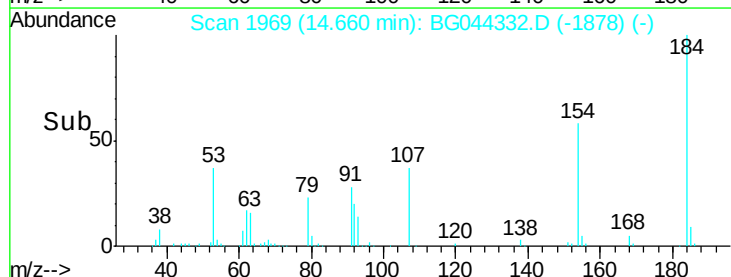


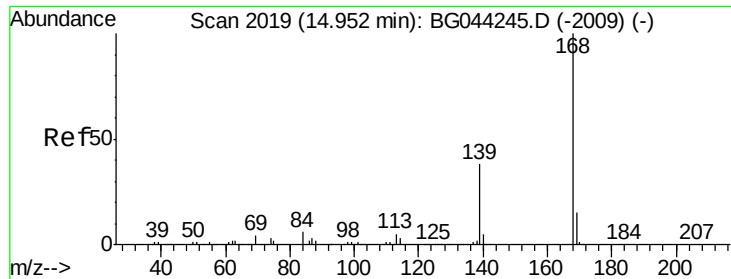
#54  
 2,4-Dinitrophenol  
 Concen: 85.210 ng  
 RT: 14.66 min Scan# 1969  
 Delta R.T. 0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

Tgt Ion:184 Resp: 195959  
 Ion Ratio Lower Upper  
 184 100  
 63 55.8 44.1 66.1  
 154 57.5 45.4 68.0



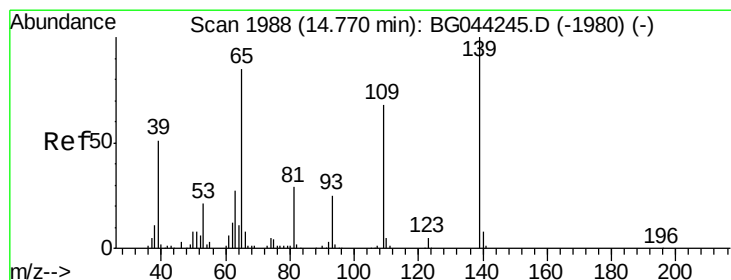
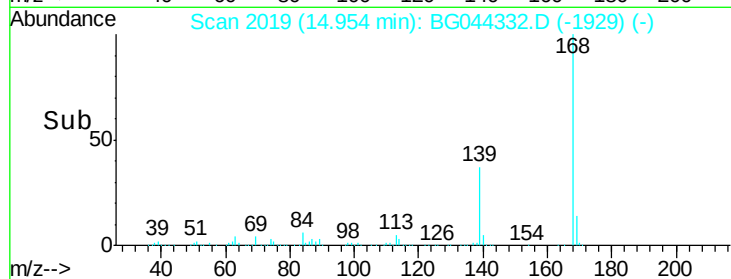
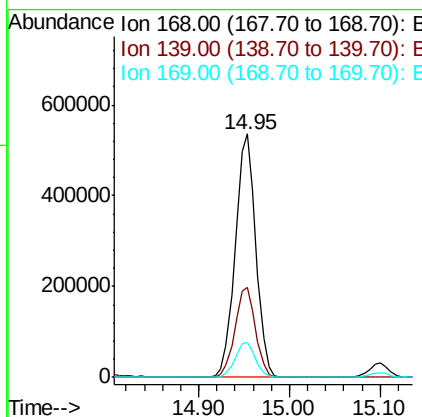
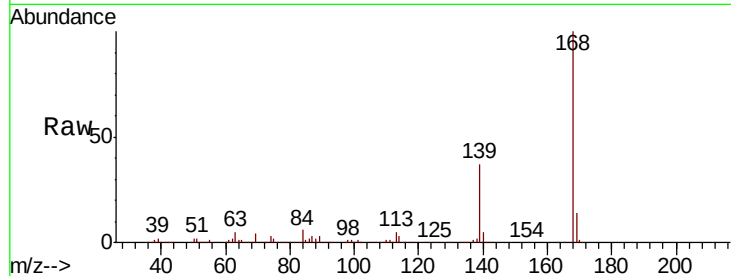
Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): B  
 Ion 154.00 (153.70 to 154.70): E





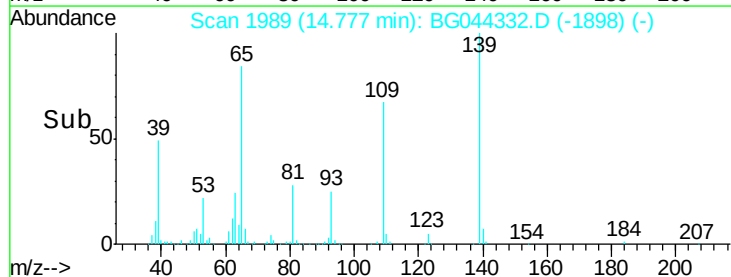
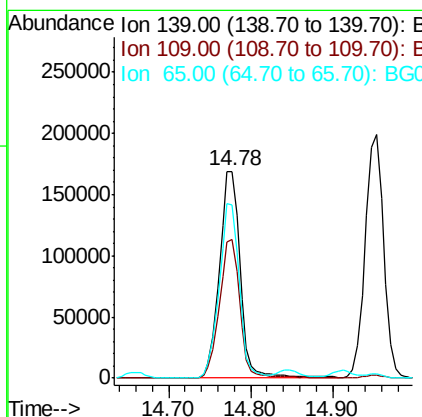
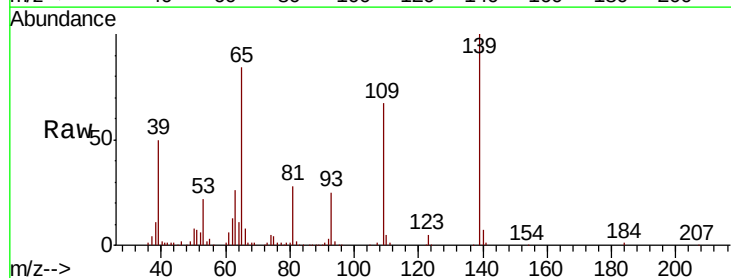
#55  
Dibenzenofuran  
Concen: 42.552 ng  
RT: 14.95 min Scan# 2019  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

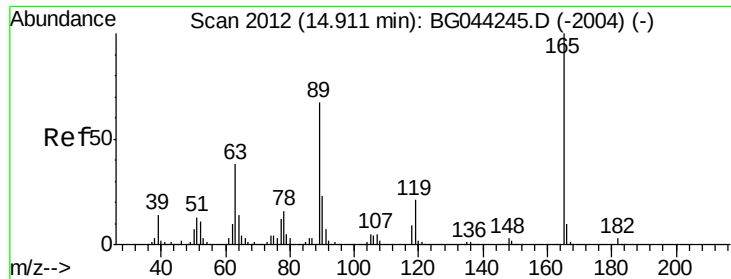
|             |       |        |      |
|-------------|-------|--------|------|
| Tot Ion:168 | Resp: | 845854 |      |
| Ion Ratio   | Lower | Upper  |      |
| 168         | 100   |        |      |
| 139         | 37.1  | 30.5   | 45.7 |
| 169         | 14.4  | 11.7   | 17.5 |



#56  
4-Nitrophenol  
Concen: 96.514 ng  
RT: 14.78 min Scan# 1989  
Delta R.T. 0.01 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

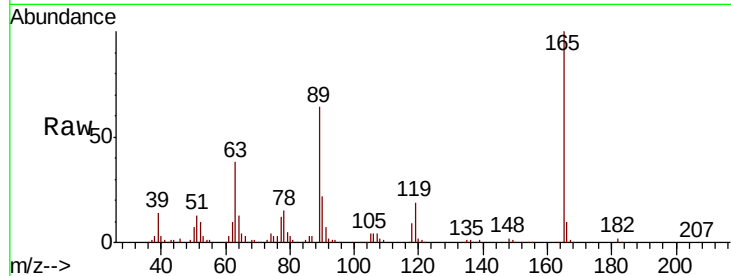
|             |       |        |
|-------------|-------|--------|
| Tgt Ion:139 | Resp: | 301620 |
| Ion Ratio   | Lower | Upper  |
| 139 100     |       |        |
| 109 67.3    | 47.5  | 87.5   |
| 65 83.9     | 64.9  | 104.9  |



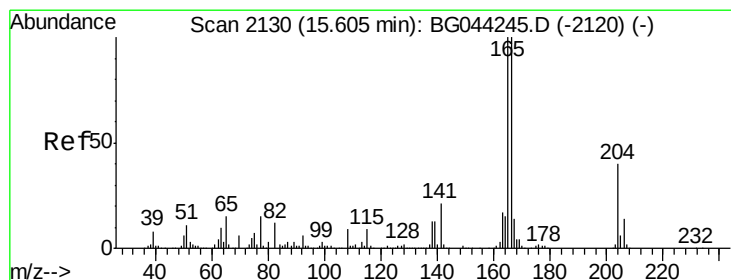
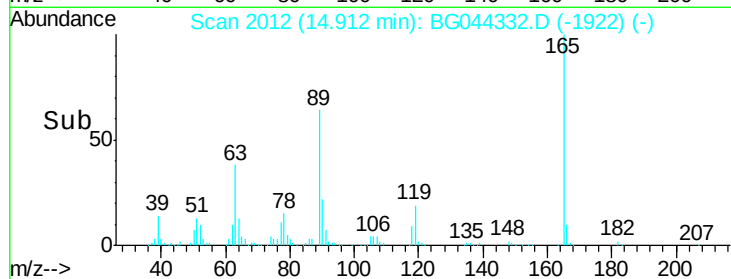
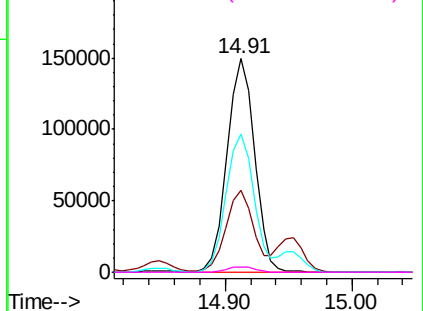


#57  
2,4-Dinitrotoluene  
Concen: 41.538 ng  
RT: 14.91 min Scan# 2012  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 224504 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 38.3  | 30.3  | 45.5   |
| 89       | 64.5  | 53.4  | 80.2   |
| 182      | 2.3   | 2.1   | 3.1    |

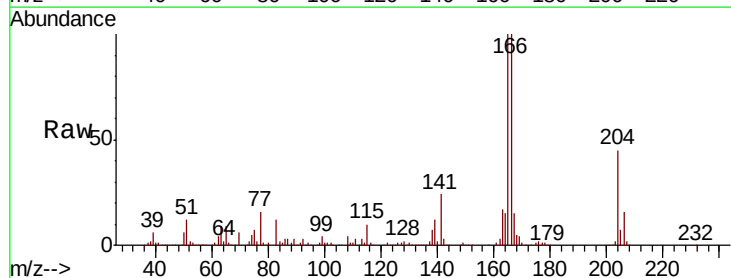


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG  
Ion 182.00 (181.70 to 182.70): E

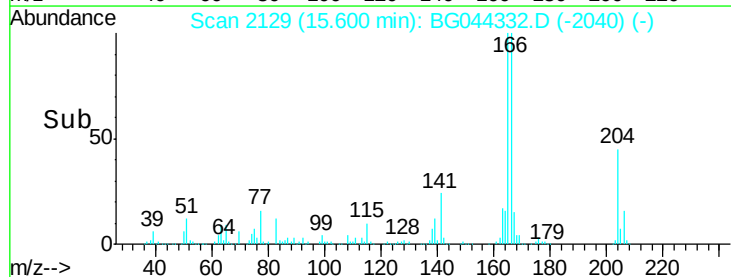
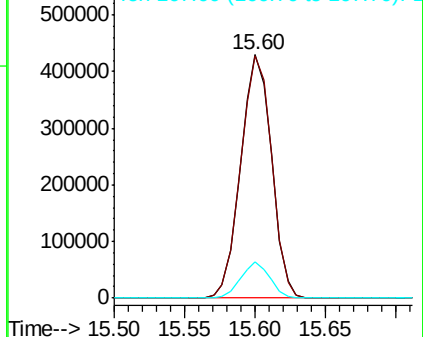


#58  
Fluorene  
Concen: 41.973 ng  
RT: 15.60 min Scan# 2129  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

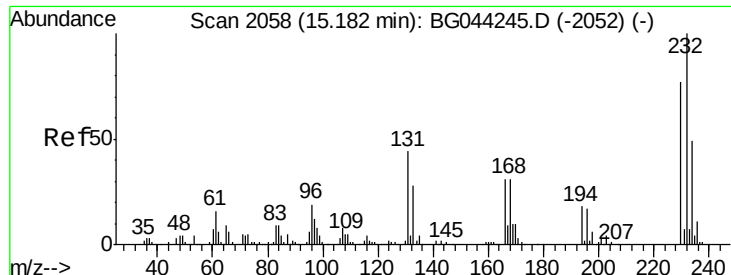
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 657161 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 99.6  | 79.9  | 119.9  |
| 167      | 14.6  | 11.4  | 17.0   |



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

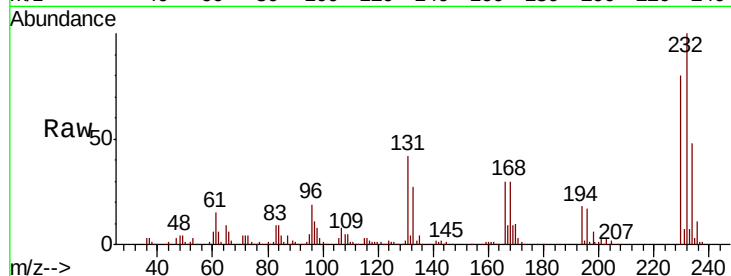






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.319 ng  
RT: 15.18 min Scan# 2058  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.5  | 34.2  | 51.4  |
| 130     | 2.3   | 1.8   | 2.8   |
| 166     | 30.8  | 23.8  | 35.8  |

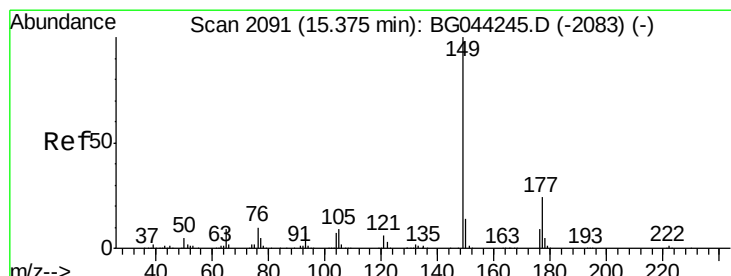
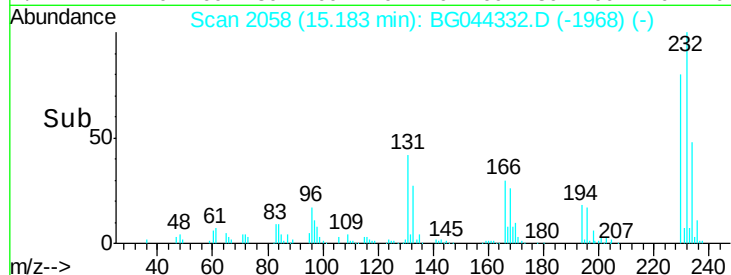
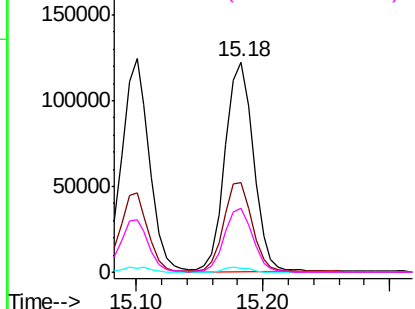


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

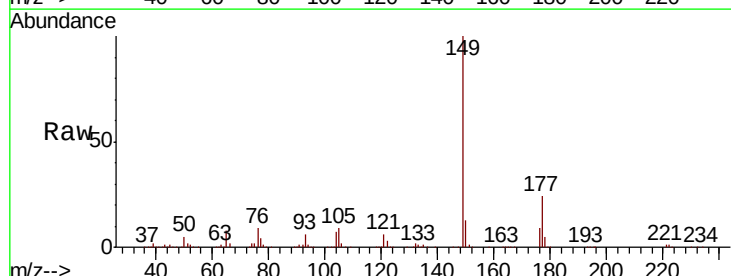
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 41.250 ng  
RT: 15.38 min Scan# 2091  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

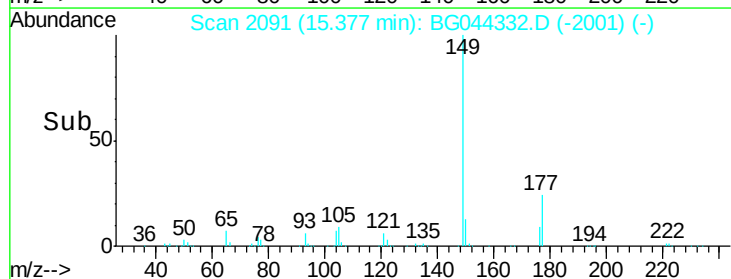
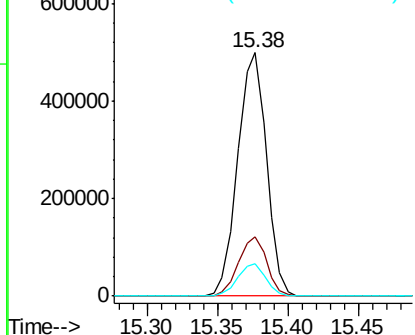
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.4  | 19.4  | 29.0  |
| 150     | 13.1  | 10.9  | 16.3  |

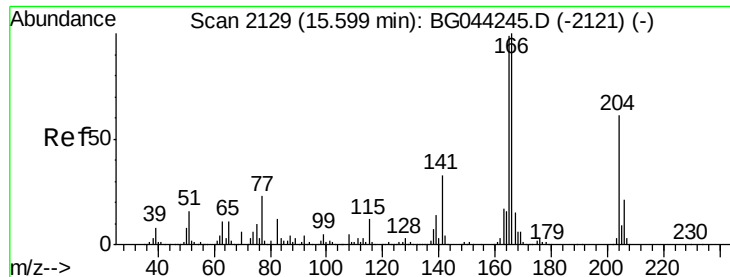


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

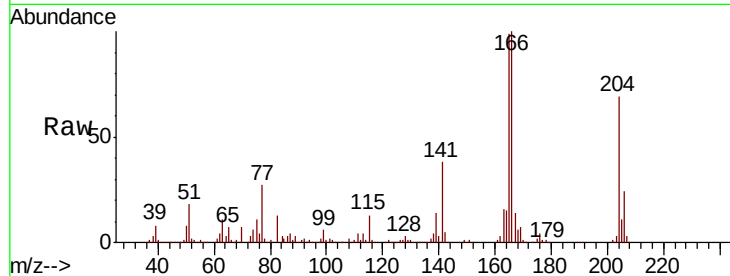
Ion 150.00 (149.70 to 150.70): E



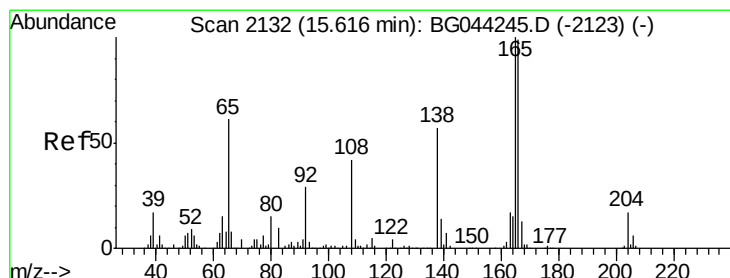
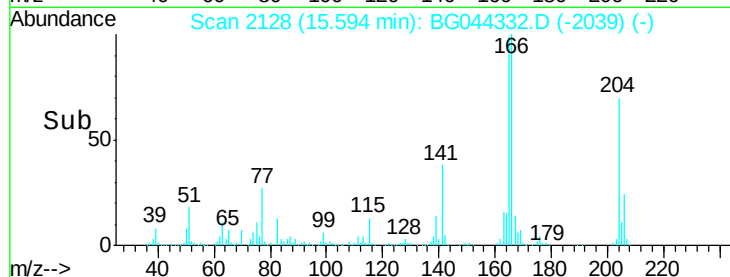
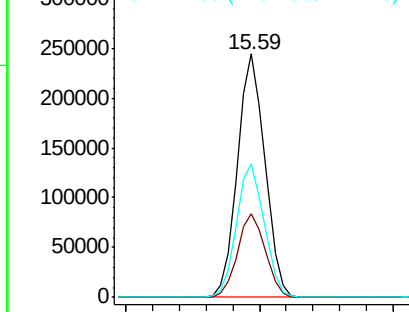


#61  
4-Chlorophenyl-phenylether  
Concen: 40.922 ng  
RT: 15.59 min Scan# 2128  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.2  | 27.6  | 41.4  |
| 141     | 54.9  | 43.4  | 65.0  |

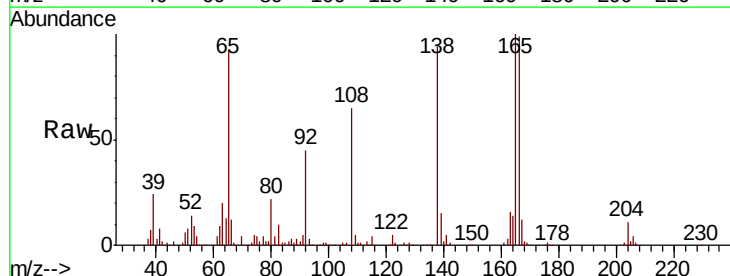


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

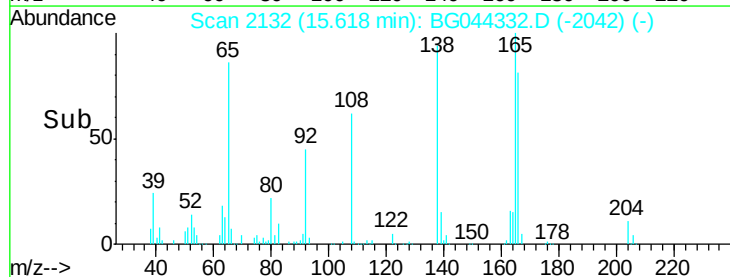
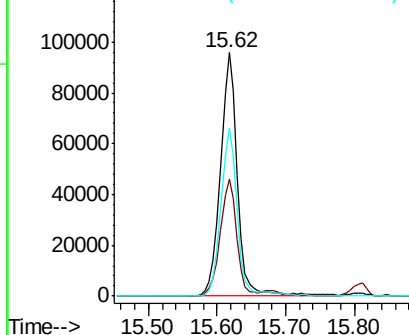


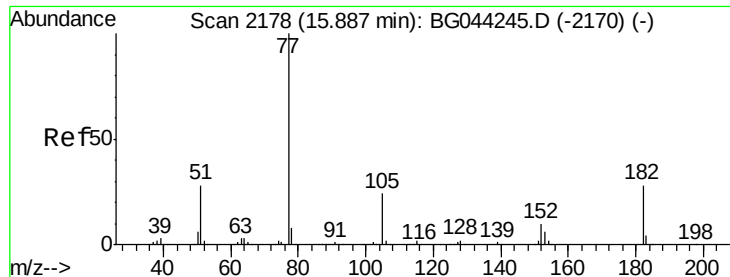
#62  
4-Nitroaniline  
Concen: 38.348 ng  
RT: 15.62 min Scan# 2132  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.9  | 31.3  | 71.3  |
| 108     | 69.1  | 52.6  | 92.6  |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG0  
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.247 ng

RT: 15.89 min Scan# 2178

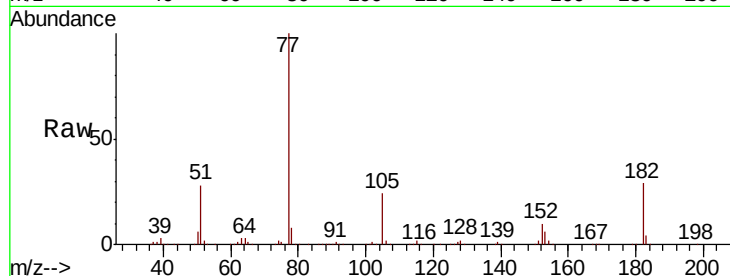
Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tot Ion: 77 Resp: 638095

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 29.2  | 8.2   | 48.2  |
| 105 | 23.8  | 3.6   | 43.6  |
| 51  | 28.5  | 8.3   | 48.3  |

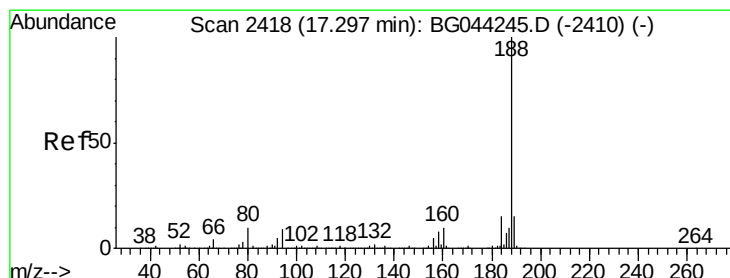
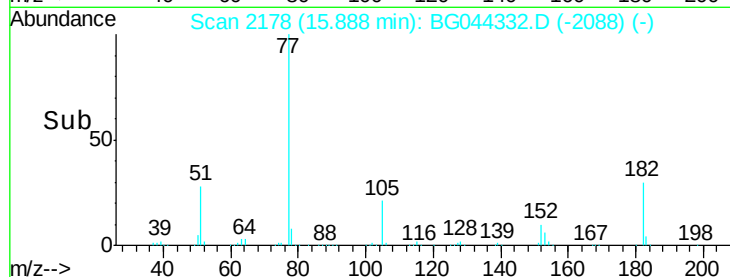
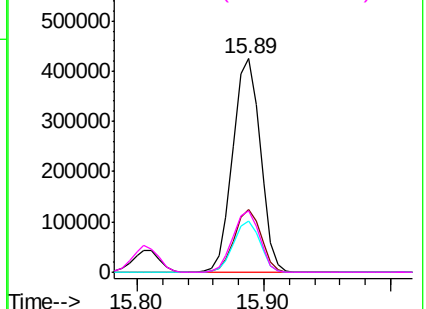


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

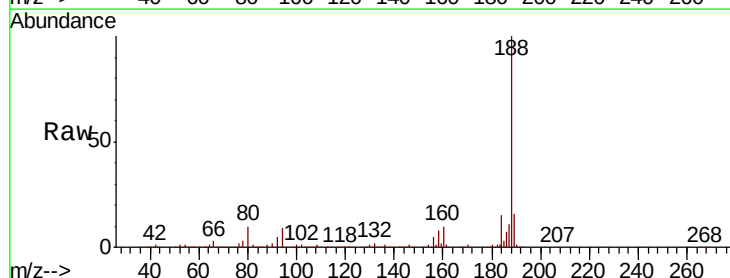
Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion: 188 Resp: 508615

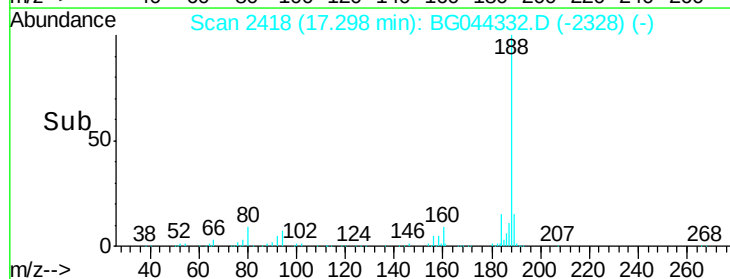
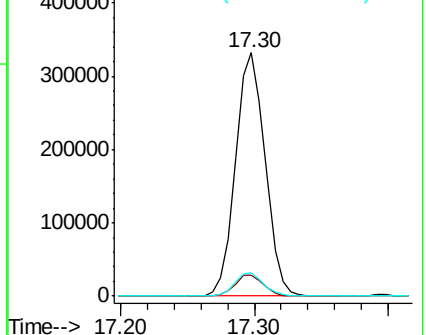
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.8   | 7.4   | 11.2  |
| 80  | 9.6   | 7.7   | 11.5  |

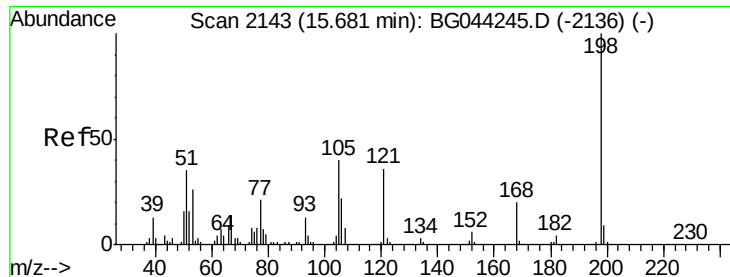


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 49.980 ng

RT: 15.68 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

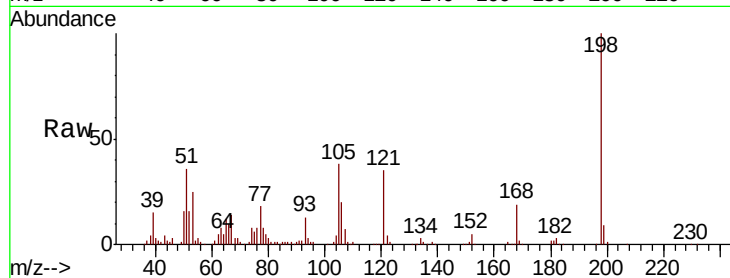
Tot Ion:198 Resp: 140321

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 35.5  | 16.6  | 56.6  |
| 105 | 37.9  | 20.6  | 60.6  |

198 100

51 35.5 16.6 56.6

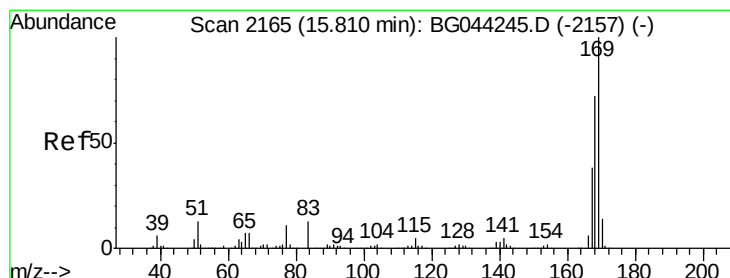
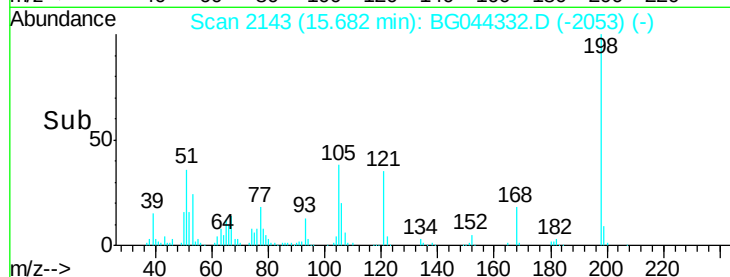
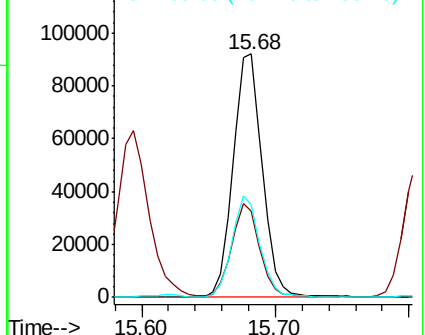
105 37.9 20.6 60.6



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: 43.570 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

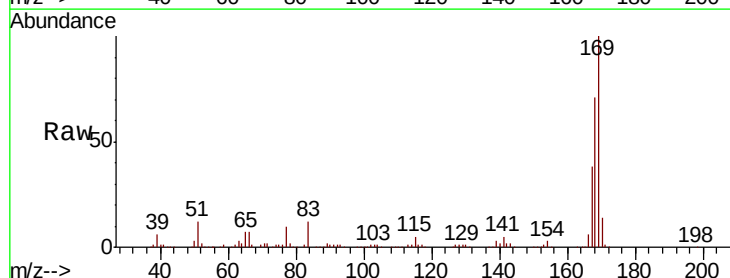
Tgt Ion:169 Resp: 621033

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 70.6  | 57.9  | 86.9  |
| 167 | 37.8  | 30.7  | 46.1  |

169 100

168 70.6 57.9 86.9

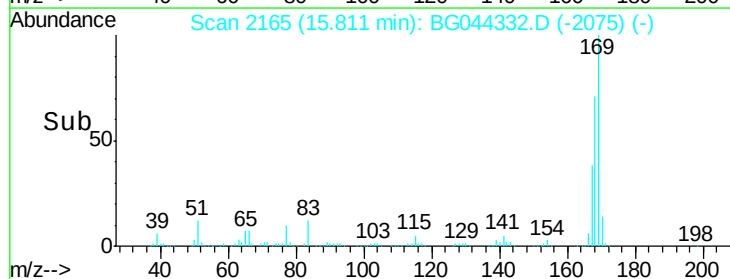
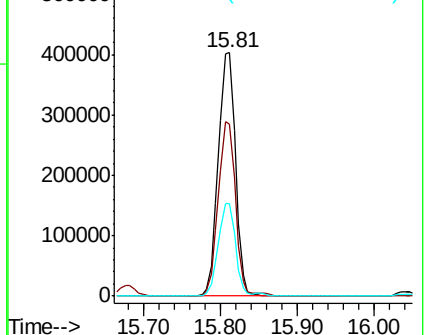
167 37.8 30.7 46.1

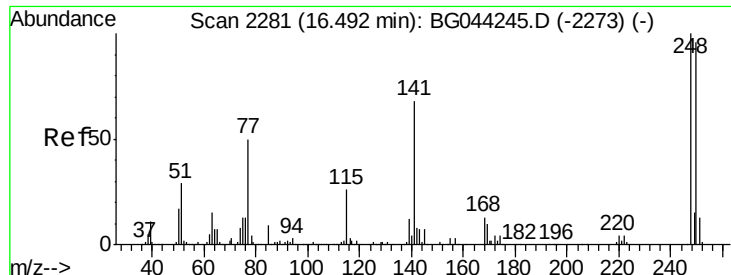


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

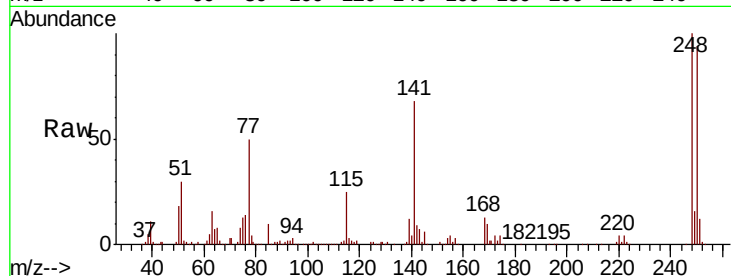
Ion 167.00 (166.70 to 167.70): E



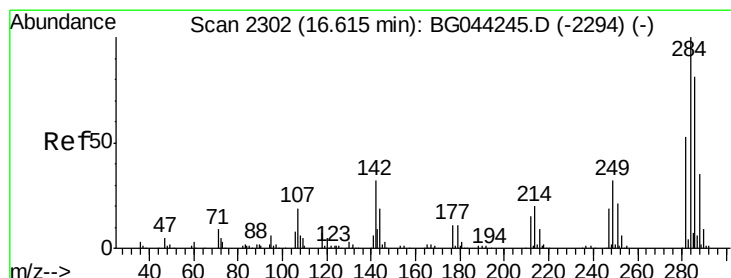
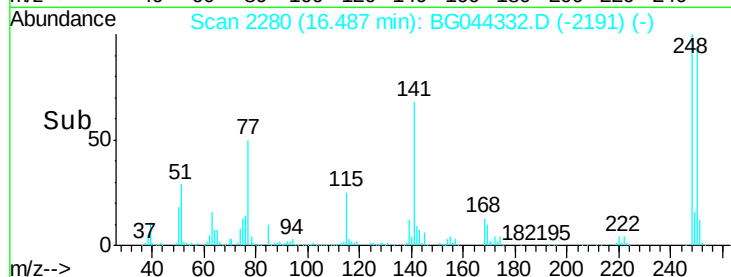
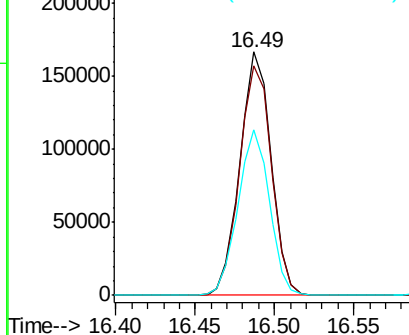


#67  
 4-Bromophenyl-phenylether  
 Concen: 41.106 ng  
 RT: 16.49 min Scan# 2280  
 Delta R.T. -0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

Tot Ion:248 Resp: 227778  
 Ion Ratio Lower Upper  
 248 100  
 250 94.3 76.6 114.8  
 141 68.1 54.7 82.1

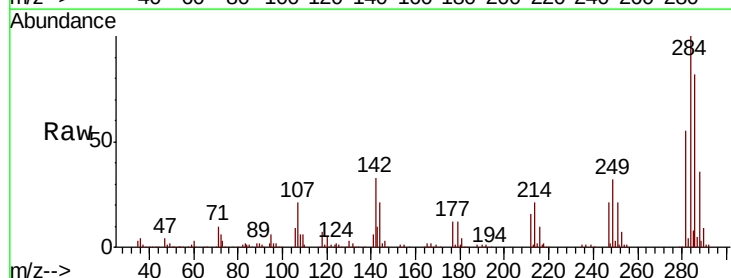


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

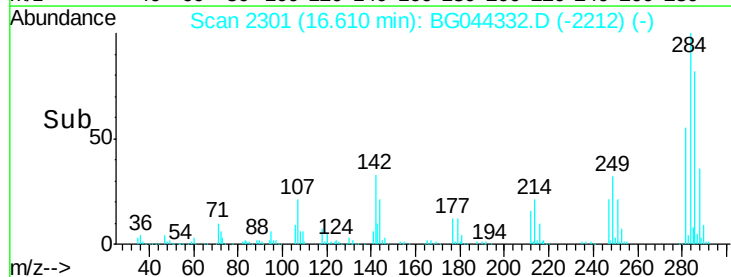
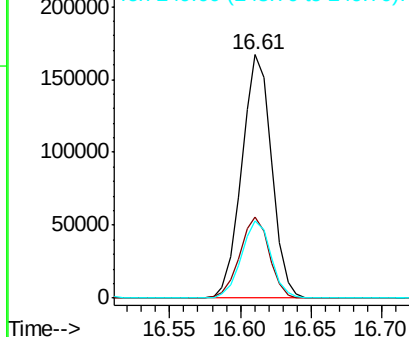


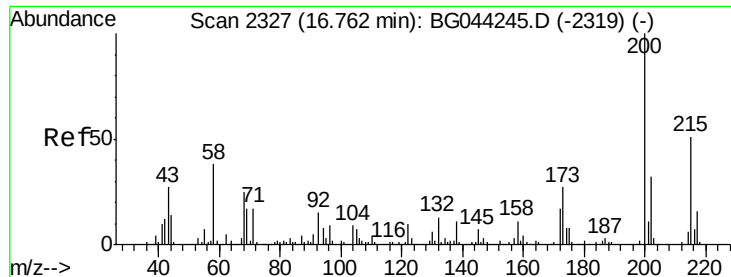
#68  
 Hexachlorobenzene  
 Concen: 39.751 ng  
 RT: 16.61 min Scan# 2301  
 Delta R.T. -0.00 min  
 Lab File: BG044332.D  
 Acq: 7 Feb 2020 11:33

Tgt Ion:284 Resp: 246777  
 Ion Ratio Lower Upper  
 284 100  
 142 33.2 25.3 37.9  
 249 31.6 25.5 38.3



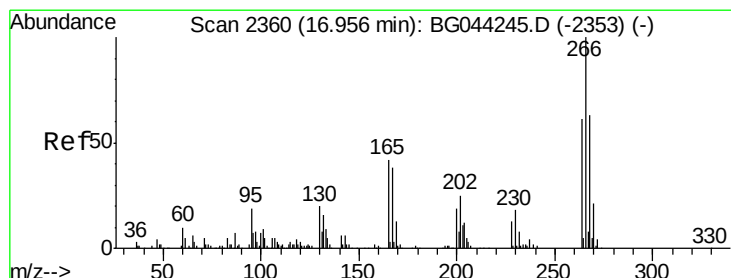
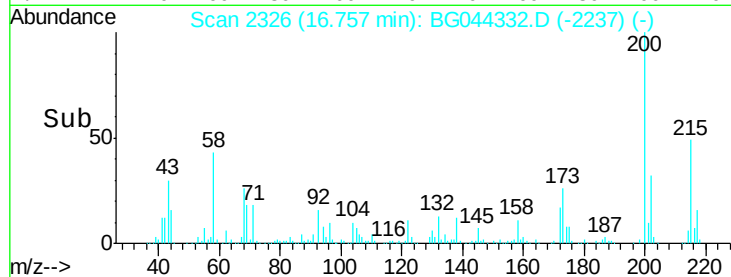
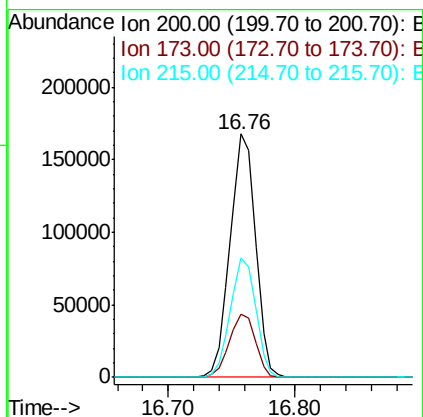
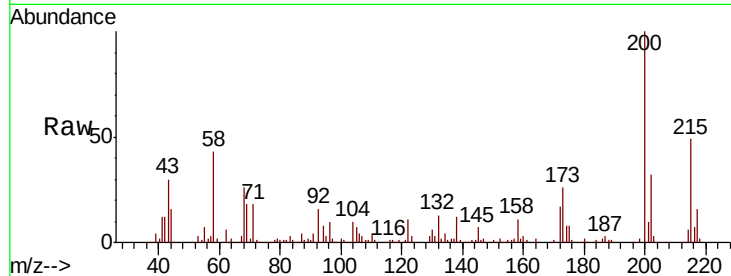
Abundance Ion 283.80 (283.50 to 284.50): E  
 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E





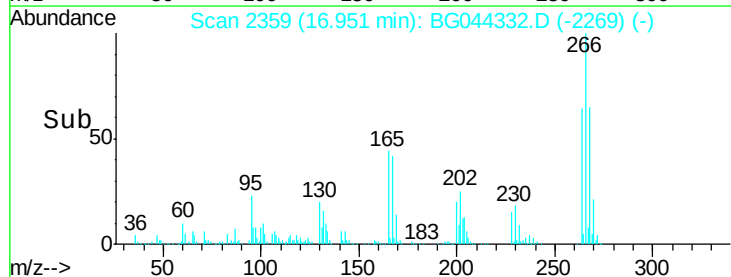
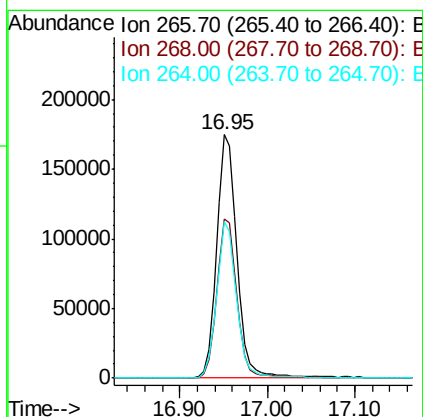
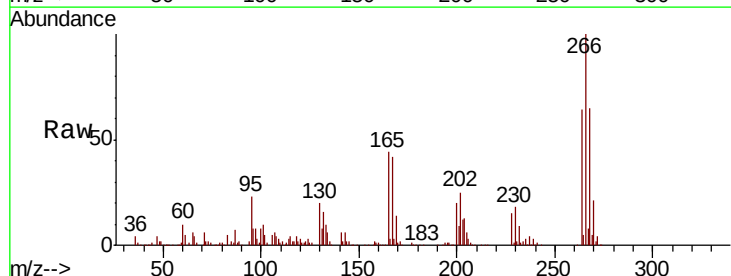
#69  
Atrazine  
Concen: 47.625 ng  
RT: 16.76 min Scan# 2326  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

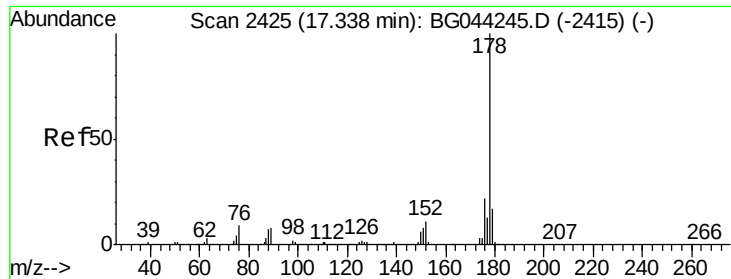
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.7  | 6.6   | 46.6  |
| 215     | 48.9  | 31.0  | 71.0  |



#70  
Pentachlorophenol  
Concen: 89.437 ng  
RT: 16.95 min Scan# 2359  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

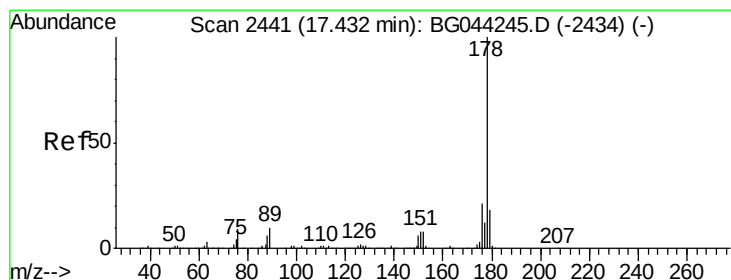
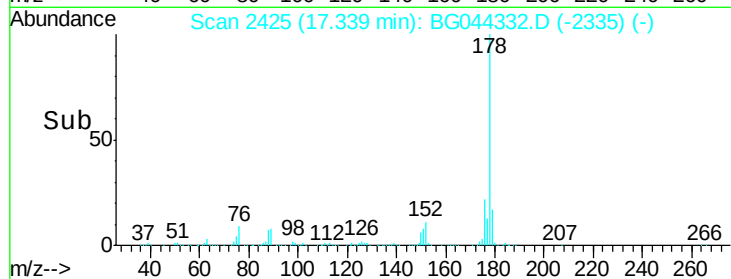
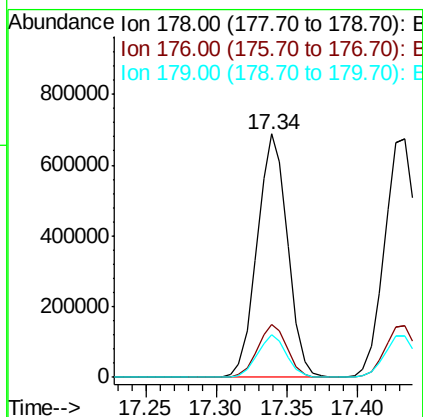
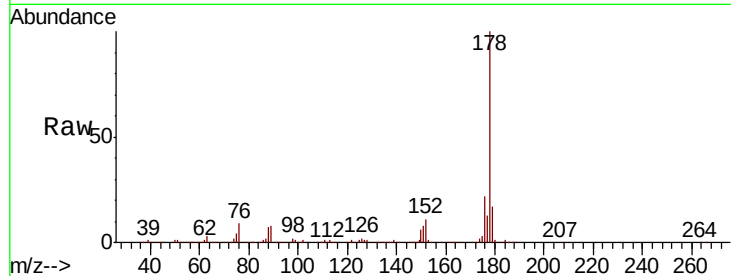
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.4  | 50.6  | 75.8  |
| 264     | 64.2  | 48.7  | 73.1  |





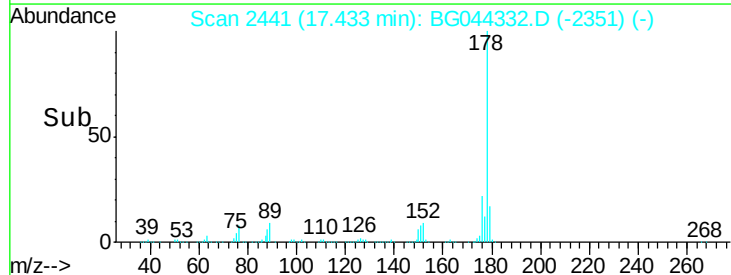
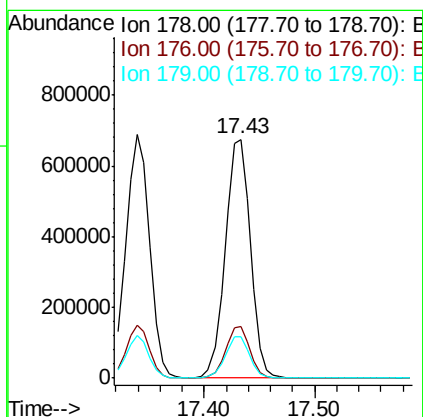
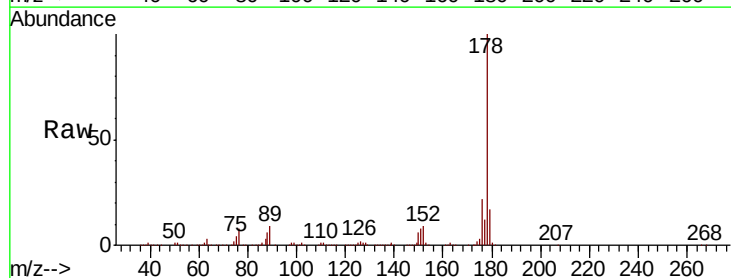
#71  
Phenanthrene  
Concen: 42.279 ng  
RT: 17.34 min Scan# 2425  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

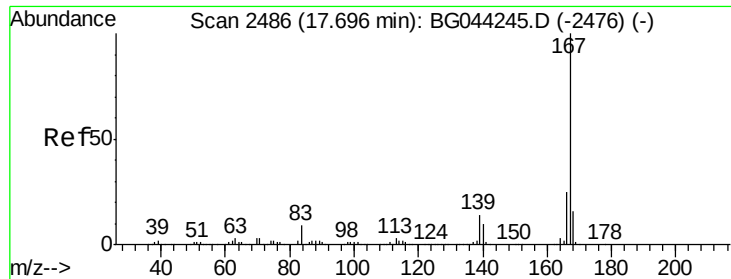
Tot Ion:178 Resp: 1041295  
Ion Ratio Lower Upper  
178 100  
176 21.8 17.7 26.5  
179 17.3 13.7 20.5



#72  
Anthracene  
Concen: 44.051 ng  
RT: 17.43 min Scan# 2441  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

Tgt Ion:178 Resp: 1072624  
Ion Ratio Lower Upper  
178 100  
176 21.5 17.0 25.4  
179 17.2 14.4 21.6





#73

Carbazole

Concen: 43.422 ng

RT: 17.70 min Scan# 2486

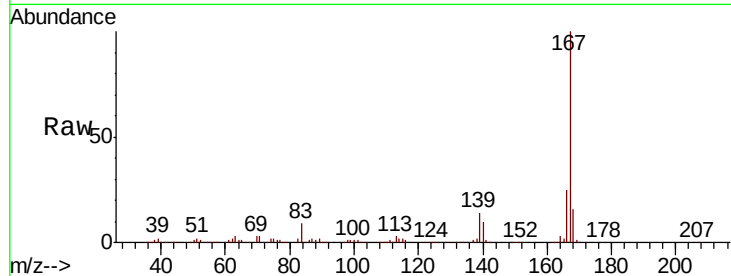
Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tot Ion:167 Resp: 974705

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 25.0  | 19.8  | 29.6  |
| 139 | 13.6  | 11.1  | 16.7  |

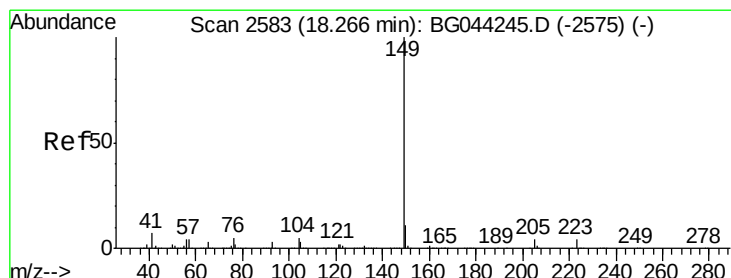
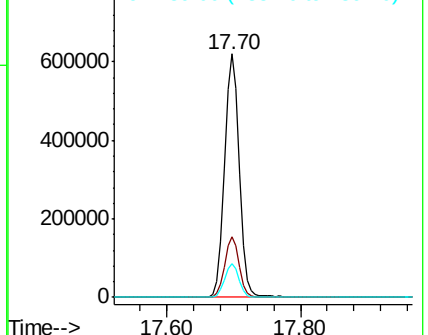
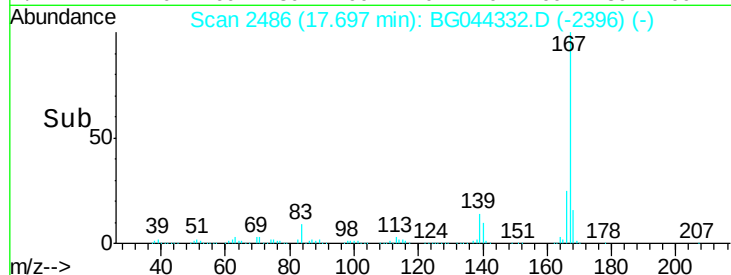


Abundance

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: 43.135 ng

RT: 18.27 min Scan# 2583

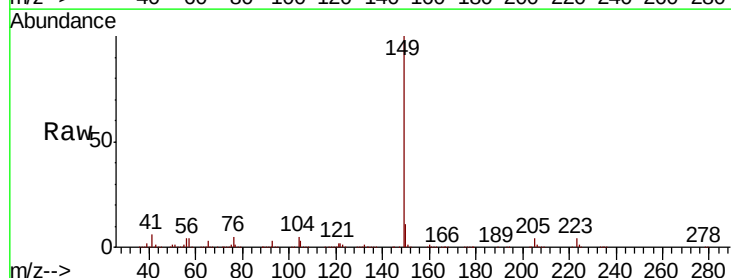
Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion:149 Resp: 1196564

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.8  | 8.7   | 13.1  |
| 104 | 5.1   | 4.3   | 6.5   |

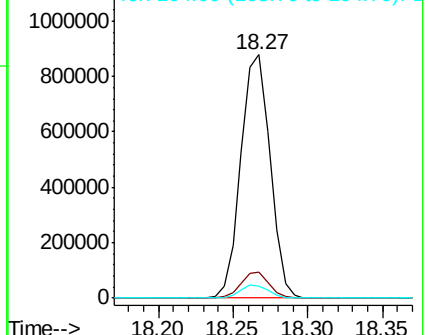
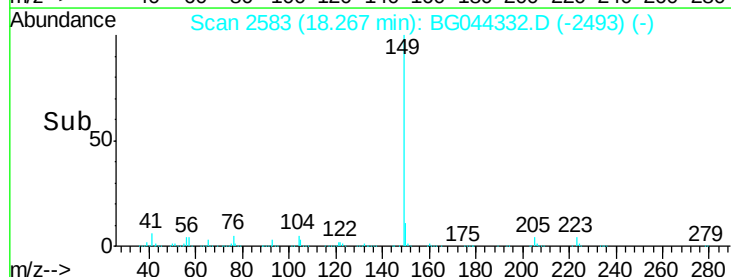


Abundance

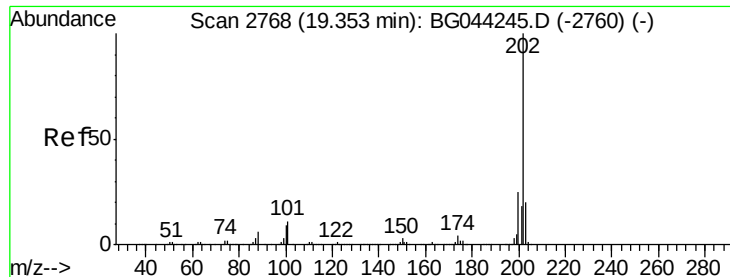
Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E







#75

Fluoranthene

Concen: 43.069 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

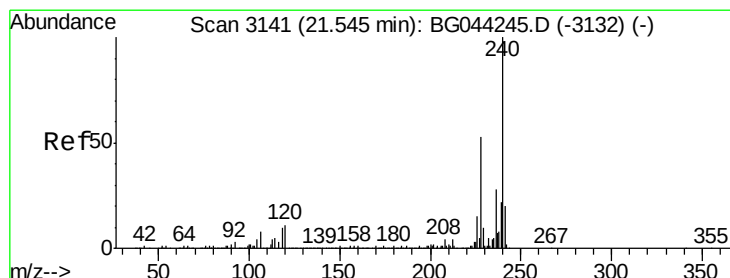
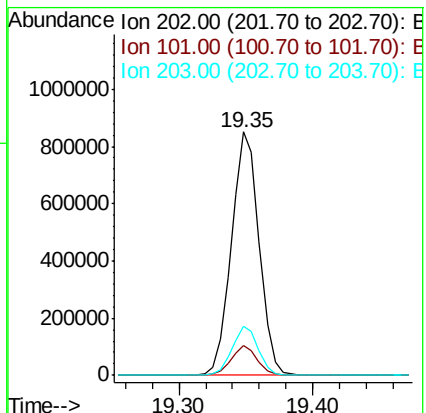
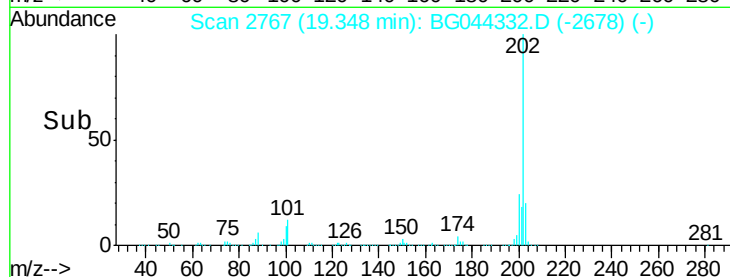
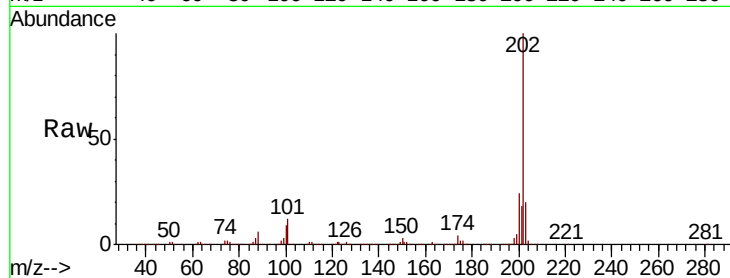
Tot Ion:202 Resp: 1227088

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.3

203 20.1 0.0 39.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

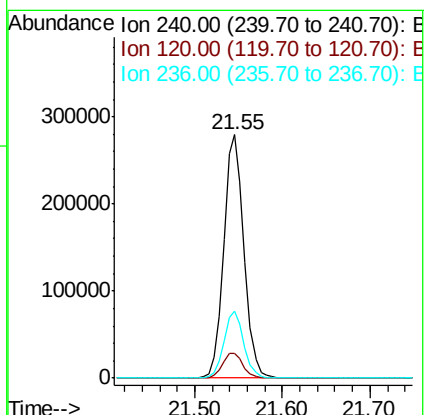
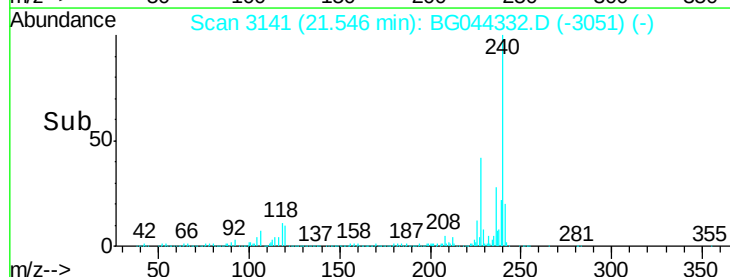
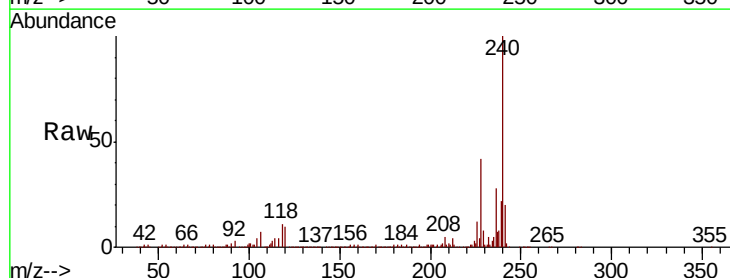
Tgt Ion:240 Resp: 441417

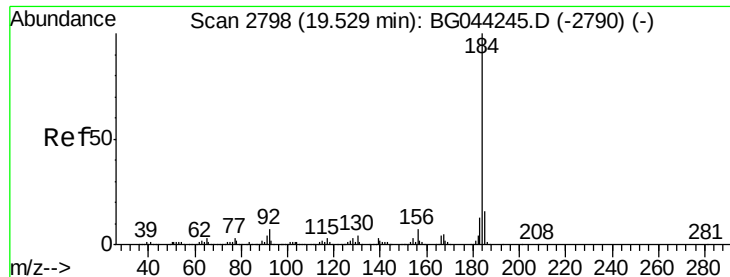
Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

236 27.6 22.1 33.1





#77

Benzidine

Concen: 30.421 ng

RT: 19.53 min Scan# 2798

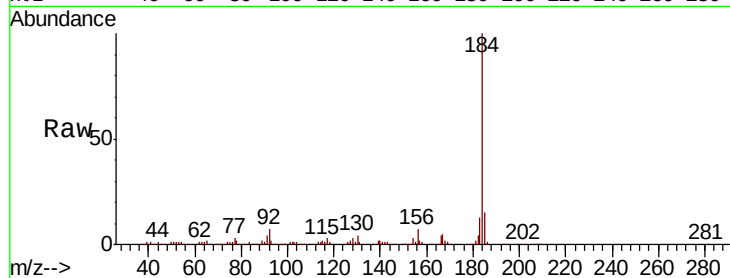
Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tot Ion:184 Resp: 372465

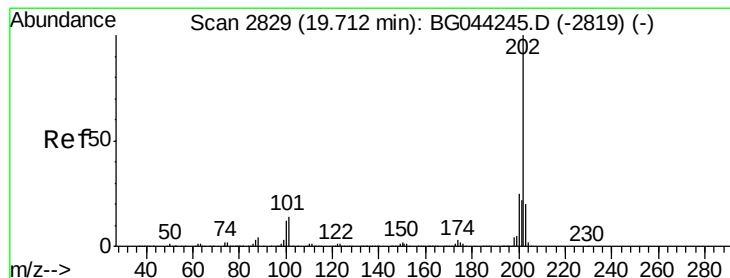
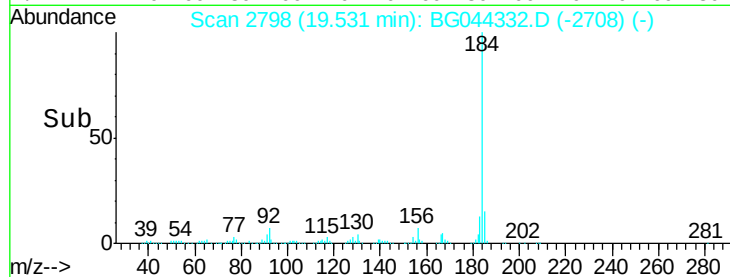
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.4  | 12.9  | 19.3  |
| 183 | 12.8  | 10.8  | 16.2  |



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.689 ng

RT: 19.71 min Scan# 2829

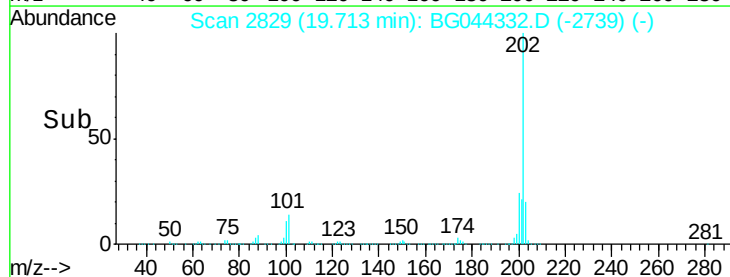
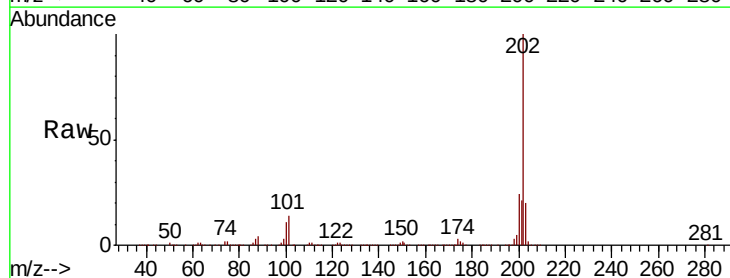
Delta R.T. 0.00 min

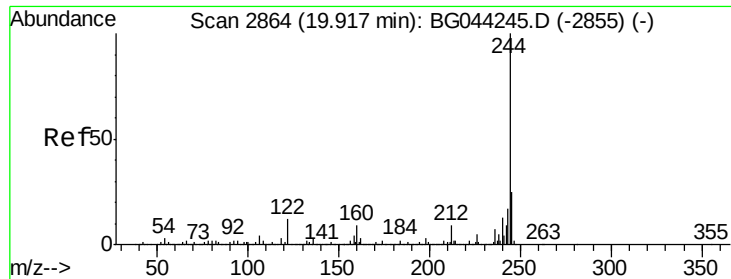
Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion:202 Resp: 1238486

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 24.3  | 20.0  | 30.0  |
| 203 | 20.0  | 16.2  | 24.2  |





#79

Terphenyl-d14

Concen: 69.802 ng

RT: 19.91 min Scan# 2863

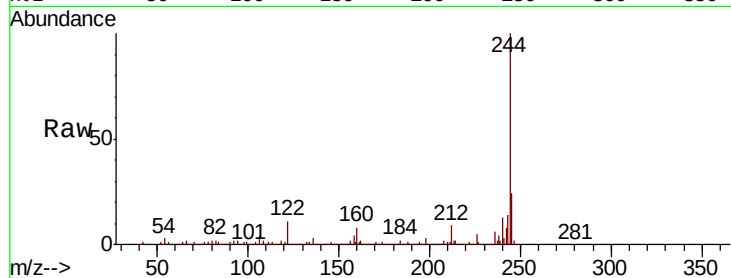
Delta R.T. -0.00 min

Lab File: BG044332.D

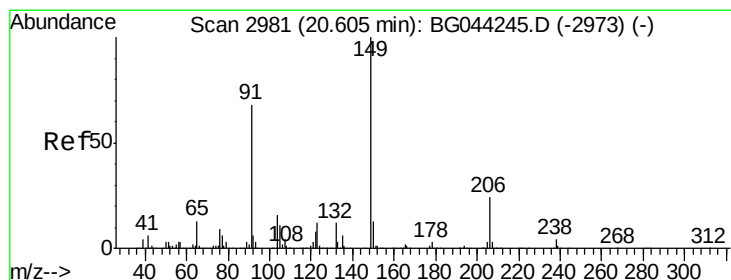
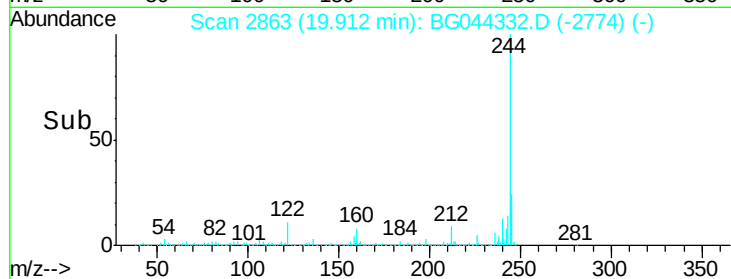
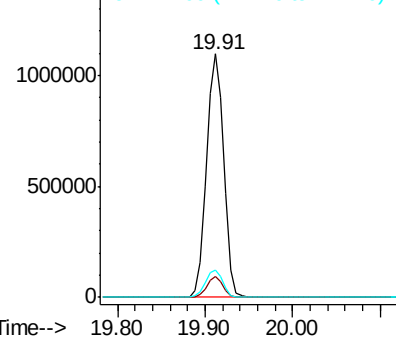
Acq: 7 Feb 2020 11:33

Tot Ion:244 Resp: 1498000

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.5   | 7.4   | 11.2  |
| 122 | 11.5  | 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: 42.427 ng

RT: 20.61 min Scan# 2981

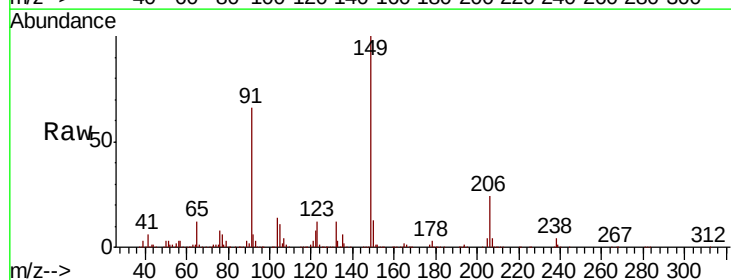
Delta R.T. 0.00 min

Lab File: BG044332.D

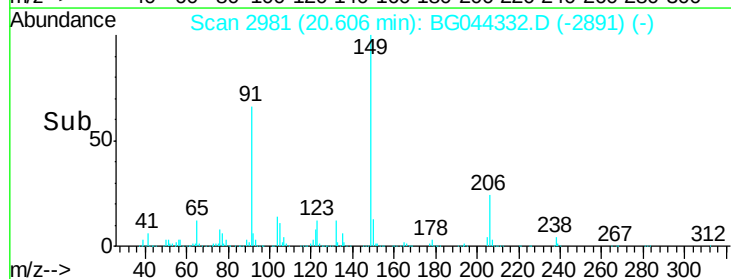
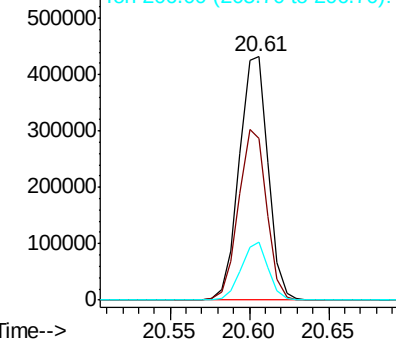
Acq: 7 Feb 2020 11:33

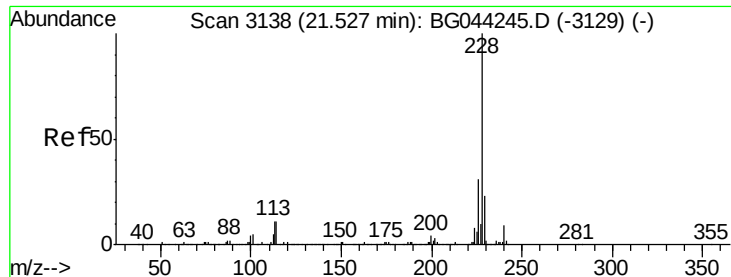
Tgt Ion:149 Resp: 548095

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 66.3  | 54.5  | 81.7  |
| 206 | 23.9  | 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

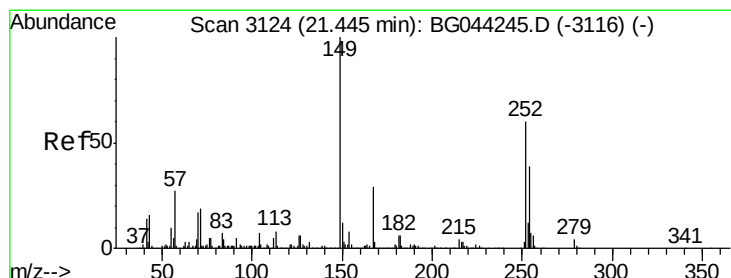
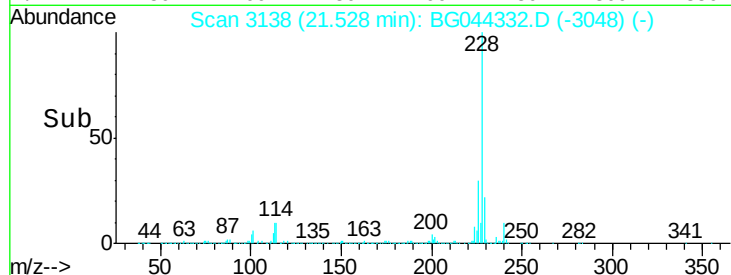
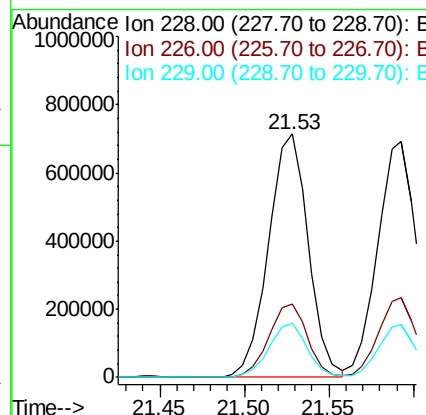
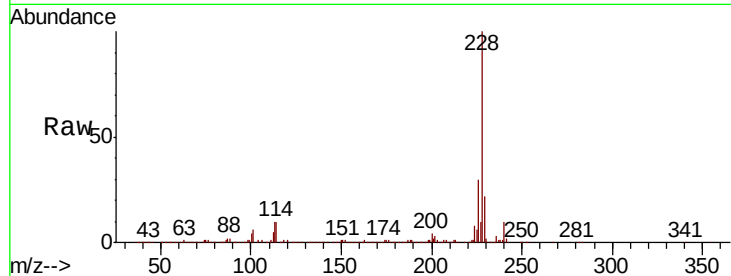




#81  
Benzo(a)anthracene  
Concen: 42.843 ng  
RT: 21.53 min Scan# 3138  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

Tot Ion:228 Resp: 1165531

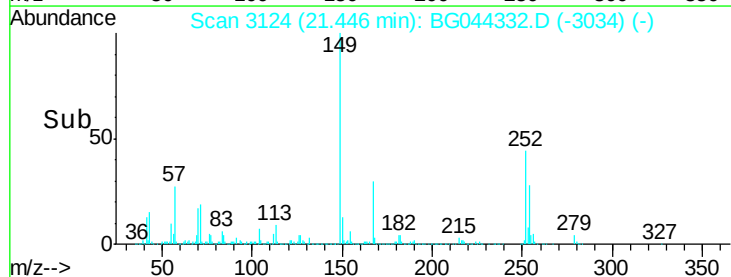
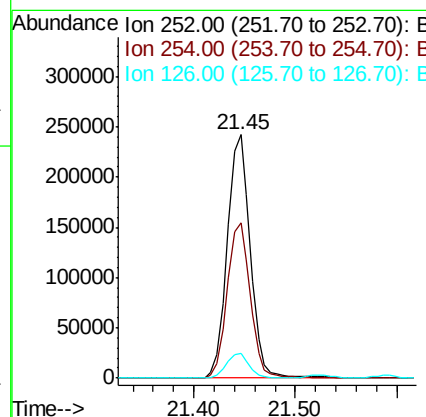
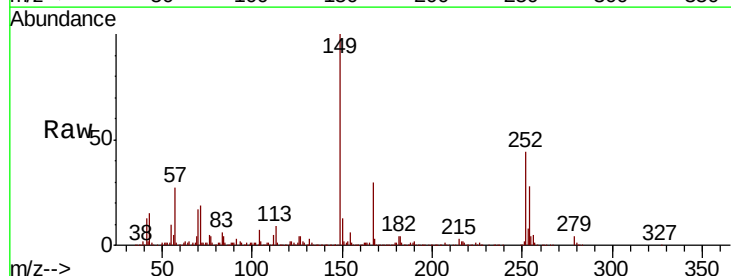
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.3  | 24.7  | 37.1  |
| 229 | 22.3  | 18.2  | 27.4  |

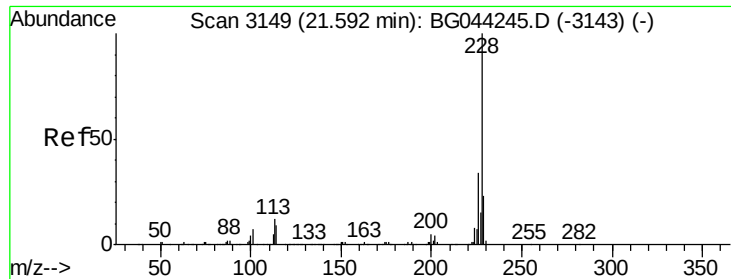


#82  
3,3'-Dichlorobenzidine  
Concen: 36.129 ng  
RT: 21.45 min Scan# 3124  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

Tgt Ion:252 Resp: 381466

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.7  | 52.6  | 78.8  |
| 126 | 10.0  | 8.2   | 12.4  |





#83

Chrysene

Concen: 42.701 ng

RT: 21.59 min Scan# 3149

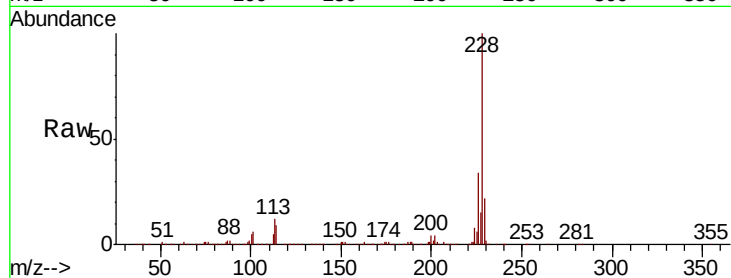
Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tot Ion:228 Resp: 1122878

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 33.7  | 27.1  | 40.7  |
| 229 | 22.3  | 17.9  | 26.9  |

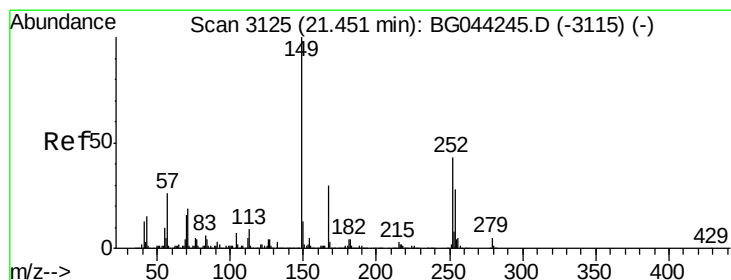
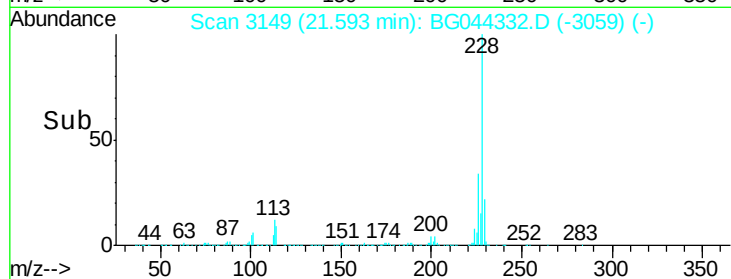
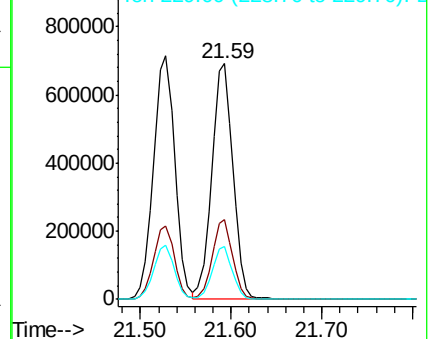


Abundance

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: 42.882 ng

RT: 21.45 min Scan# 3124

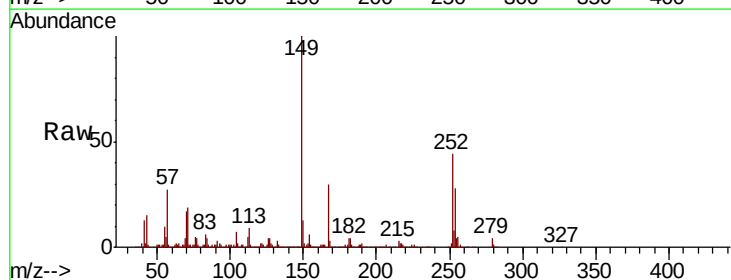
Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion:149 Resp: 762495

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.7  | 24.0  | 36.0  |
| 279 | 4.4   | 3.8   | 5.8   |

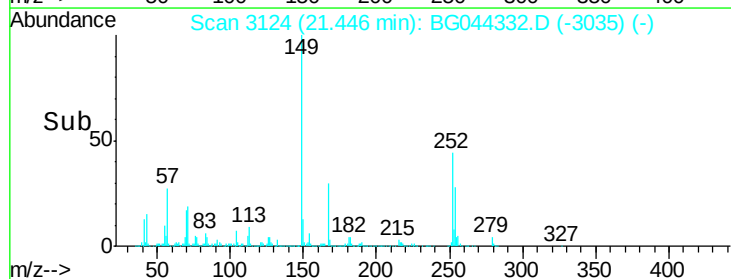
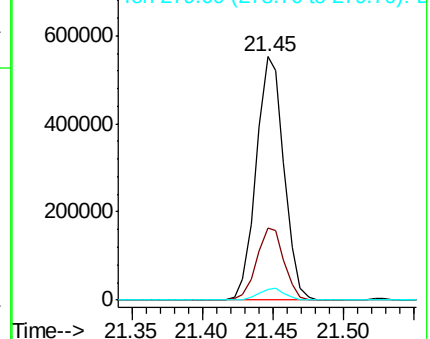


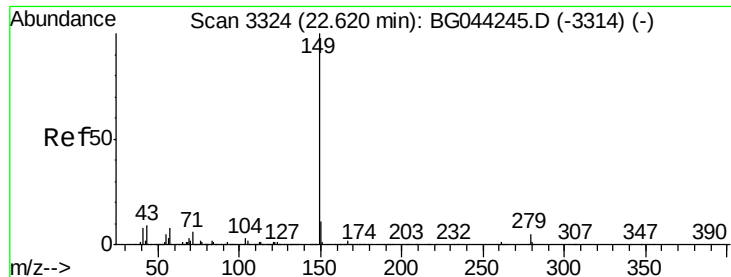
Abundance

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: 44.148 ng

RT: 22.62 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

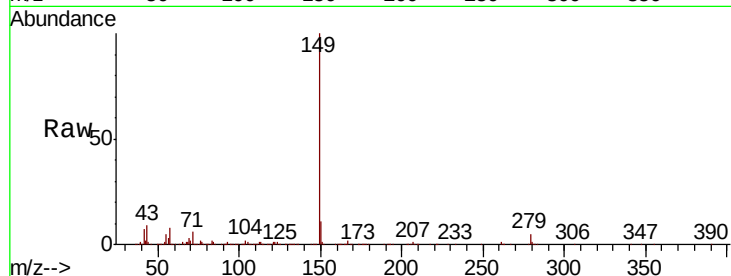
Tot Ion:149 Resp: 1358242

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

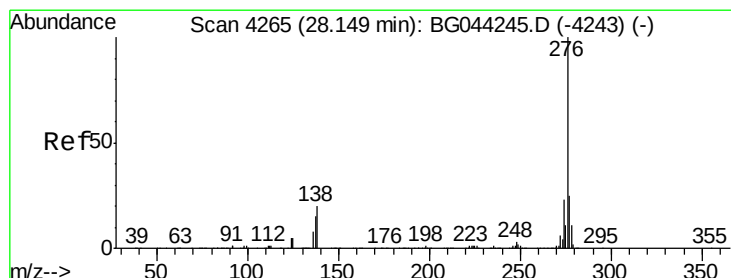
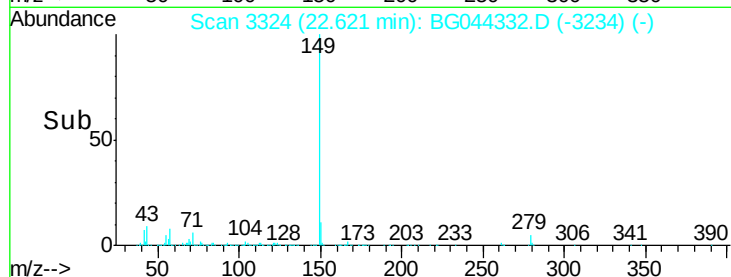
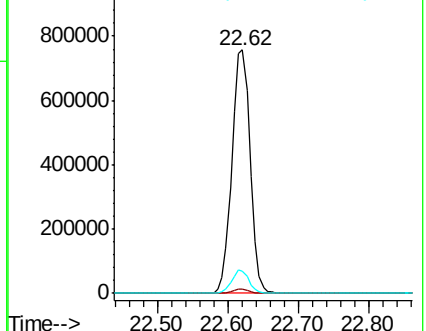
43 8.9 7.4 11.0



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.258 ng

RT: 28.16 min Scan# 4266

Delta R.T. 0.01 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

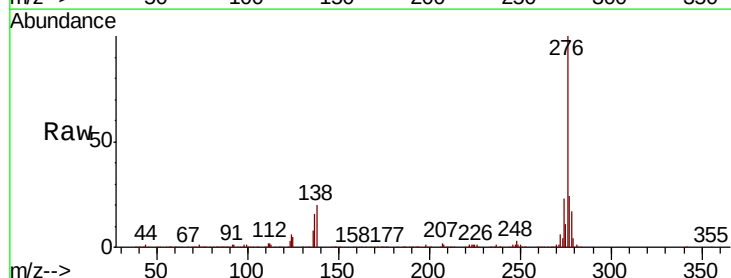
Tgt Ion:276 Resp: 1415435

Ion Ratio Lower Upper

276 100

138 24.9 19.4 29.0

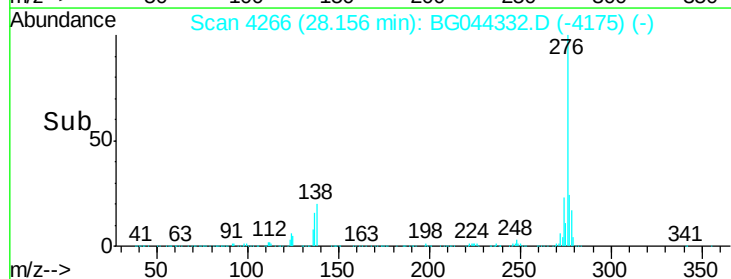
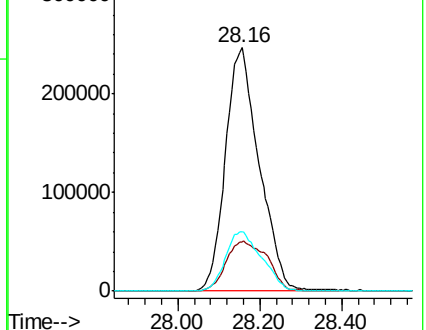
277 26.3 21.0 31.6

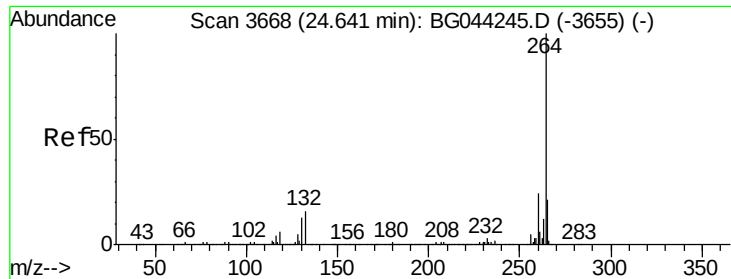


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

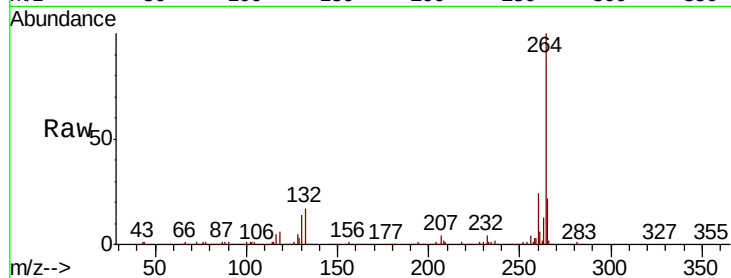
Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tot Ion:264 Resp: 424085

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.5  | 19.4  | 29.2  |
| 265 | 21.9  | 16.7  | 25.1  |

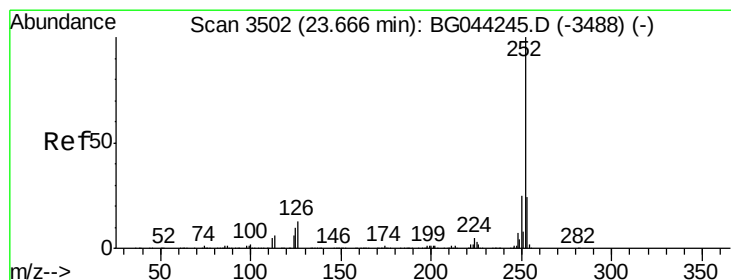
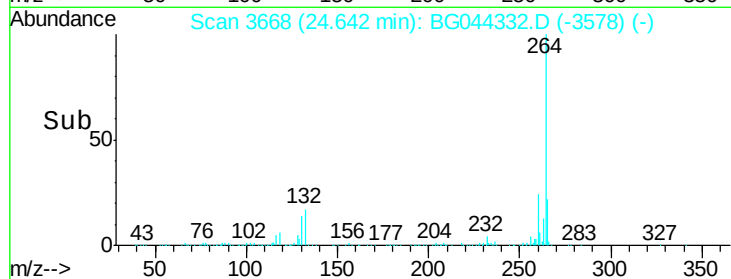
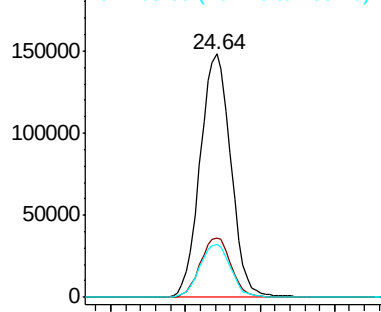


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.743 ng

RT: 23.67 min Scan# 3502

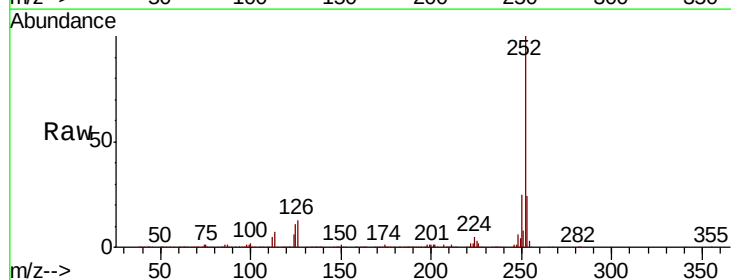
Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion:252 Resp: 1240031

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.8  | 19.2  | 28.8  |
| 125 | 11.0  | 8.4   | 12.6  |

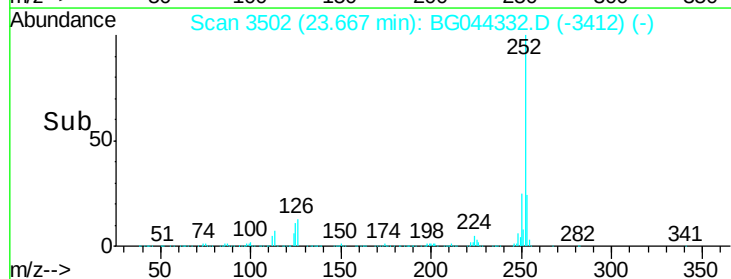
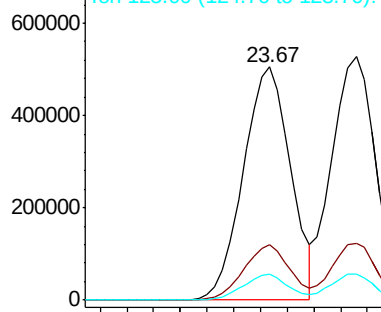


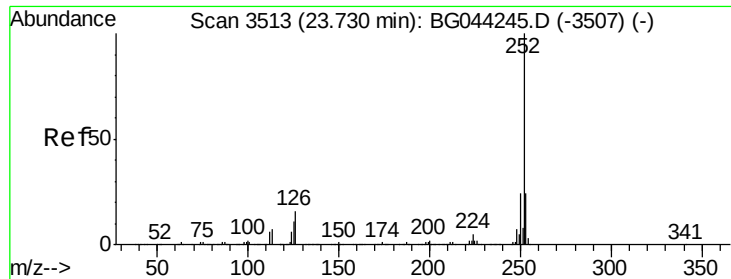
Abundance

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: 50.823 ng

RT: 23.73 min Scan# 3513

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

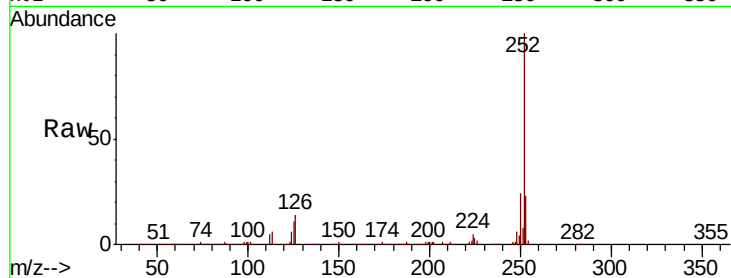
Tot Ion:252 Resp: 1210474

Ion Ratio Lower Upper

252 100

253 23.4 19.1 28.7

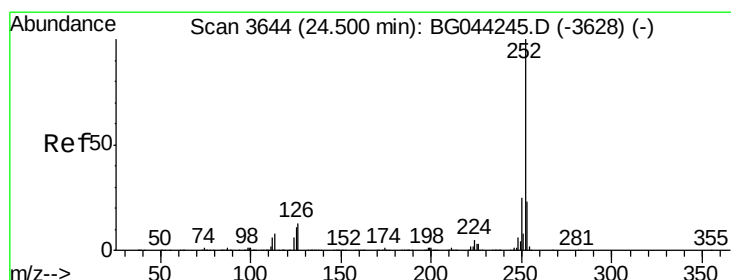
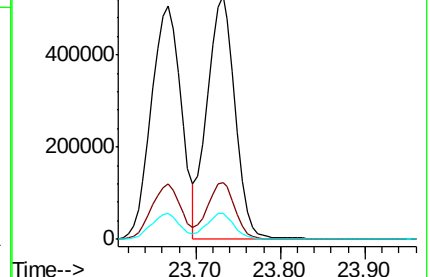
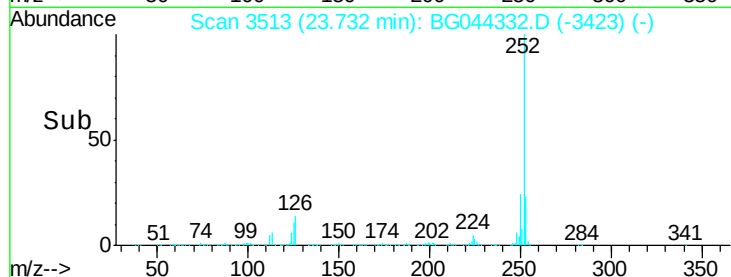
125 10.7 8.6 12.8



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: 49.165 ng

RT: 24.50 min Scan# 3643

Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

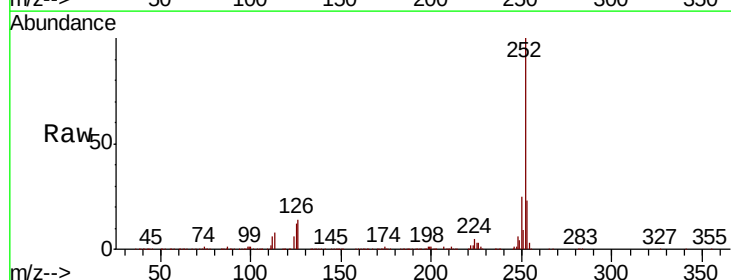
Tgt Ion:252 Resp: 1135960

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

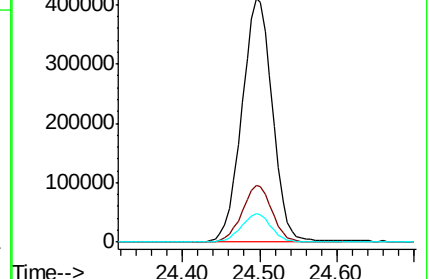
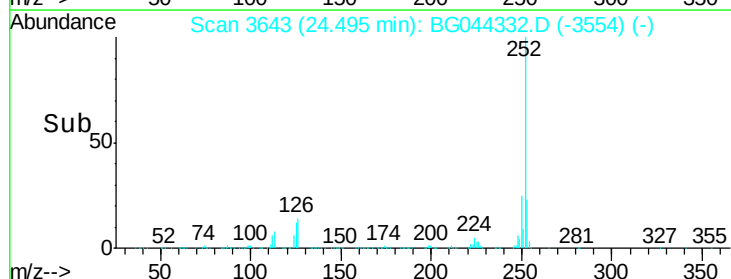
125 11.8 8.6 13.0



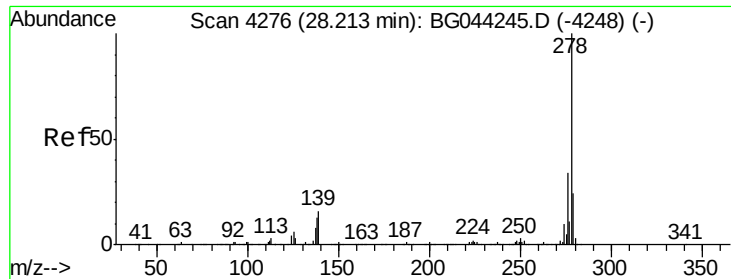
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



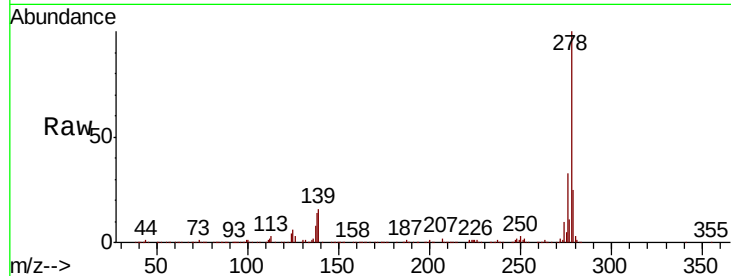




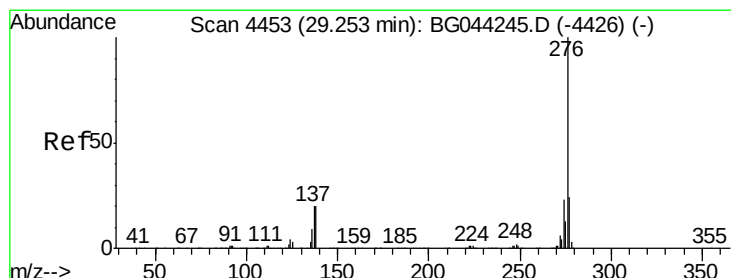
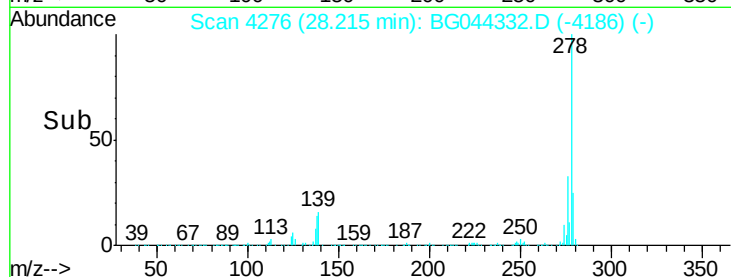
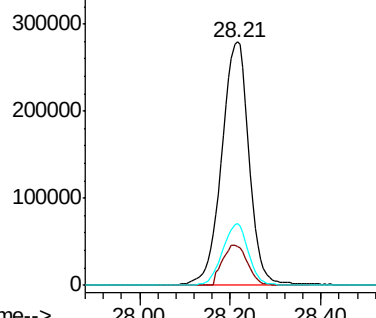
#91  
Dibenzo(a,h)anthracene  
Concen: 51.140 ng  
RT: 28.21 min Scan# 4276  
Delta R.T. 0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

Tot Ion:278 Resp: 1169394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.8  | 12.7  | 19.1  |
| 279 | 25.2  | 19.3  | 28.9  |



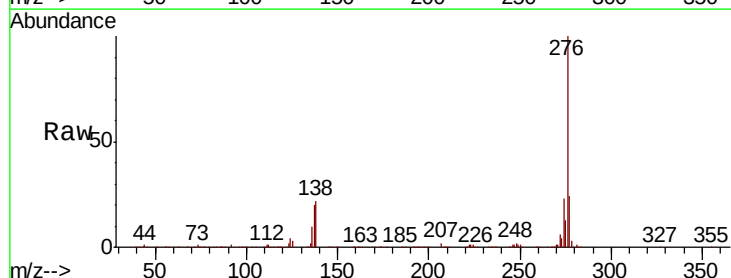
Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 52.163 ng  
RT: 29.25 min Scan# 4452  
Delta R.T. -0.00 min  
Lab File: BG044332.D  
Acq: 7 Feb 2020 11:33

Tgt Ion:276 Resp: 1194063

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.4  | 18.8  | 28.2  |
| 138 | 21.8  | 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

