

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\  
 Data File : BF095470.D  
 Acq On : 26 May 2017 20:11  
 Operator : SJ/MA  
 Sample : I3366-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 27 03:10:30 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 26 16:50:16 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74  | 152  | 95217    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.76  | 136  | 379615   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 12.59 | 164  | 167157   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 14.99 | 188  | 250890   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 18.68 | 240  | 186990   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 20.35 | 264  | 145632   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.72  | 112 | 917442  | 160.64 | ng | 0.01 |
| 7) Phenol-d6             | 7.30  | 99  | 1080577 | 157.69 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.65  | 82  | 633942  | 105.31 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 13.89 | 330 | 182935  | 133.63 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 11.54 | 172 | 1122283 | 96.64  | ng | 0.00 |
| 78) Terphenyl-d14        | 17.32 | 244 | 731729  | 86.19  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.24  | 88  | 107582 | 38.41 | ng | 98     |
| 3) Pyridine                    | 2.95  | 79  | 249329 | 38.41 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 2.87  | 42  | 110113 | 40.69 | ng | 81     |
| 6) Aniline                     | 7.25  | 93  | 287949 | 33.29 | ng | 96     |
| 8) 2-Chlorophenol              | 7.44  | 128 | 329139 | 50.63 | ng | 97     |
| 9) Benzaldehyde                | 7.09  | 77  | 61933  | 14.80 | ng | 95     |
| 10) Phenol                     | 7.32  | 94  | 348345 | 48.24 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.38  | 93  | 285589 | 47.91 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.65  | 146 | 335646 | 45.52 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.77  | 146 | 344012 | 46.00 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.01  | 146 | 325307 | 46.61 | ng | 96     |
| 15) Benzyl Alcohol             | 8.04  | 79  | 257805 | 58.49 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.23  | 45  | 394819 | 46.79 | ng | 95     |
| 17) 2-Methylphenol             | 8.26  | 107 | 273312 | 51.38 | ng | 91     |
| 18) Hexachloroethane           | 8.52  | 117 | 104155 | 41.12 | ng | 88     |
| 19) n-Nitroso-di-n-propylamine | 8.46  | 70  | 229899 | 49.61 | ng | 92     |
| 20) 3+4-Methylphenols          | 8.52  | 107 | 350407 | 48.47 | ng | # 61   |
| 22) Acetophenone               | 8.42  | 105 | 455650 | 50.03 | ng | # 84   |
| 24) Nitrobenzene               | 8.68  | 77  | 319669 | 50.66 | ng | 92     |
| 25) Isophorone                 | 9.08  | 82  | 561738 | 52.26 | ng | # 94   |
| 26) 2-Nitrophenol              | 9.18  | 139 | 149363 | 43.87 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.32  | 122 | 294710 | 53.54 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.44  | 93  | 376434 | 50.62 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 9.61  | 162 | 253358 | 48.74 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 9.69  | 180 | 261997 | 47.05 | ng | 99     |
| 31) Naphthalene                | 9.80  | 128 | 910459 | 47.72 | ng | 99     |
| 32) Benzoic acid               | 9.63  | 122 | 61611  | 20.32 | ng | 95     |
| 33) 4-Chloroaniline            | 9.97  | 127 | 96344  | 13.55 | ng | # 90   |
| 34) Hexachlorobutadiene        | 10.01 | 225 | 130499 | 44.41 | ng | 98     |
| 35) Caprolactam                | 10.58 | 113 | 42407  | 27.17 | ng | # 85   |
| 36) 4-Chloro-3-methylphenol    | 10.81 | 107 | 281665 | 50.68 | ng | 91     |
| 37) 2-Methylnaphthalene        | 10.92 | 142 | 641863 | 51.26 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 11.20 | 216 | 250768 | 48.78 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 11.17 | 237 | 29986  | 18.88 | ng | 99     |

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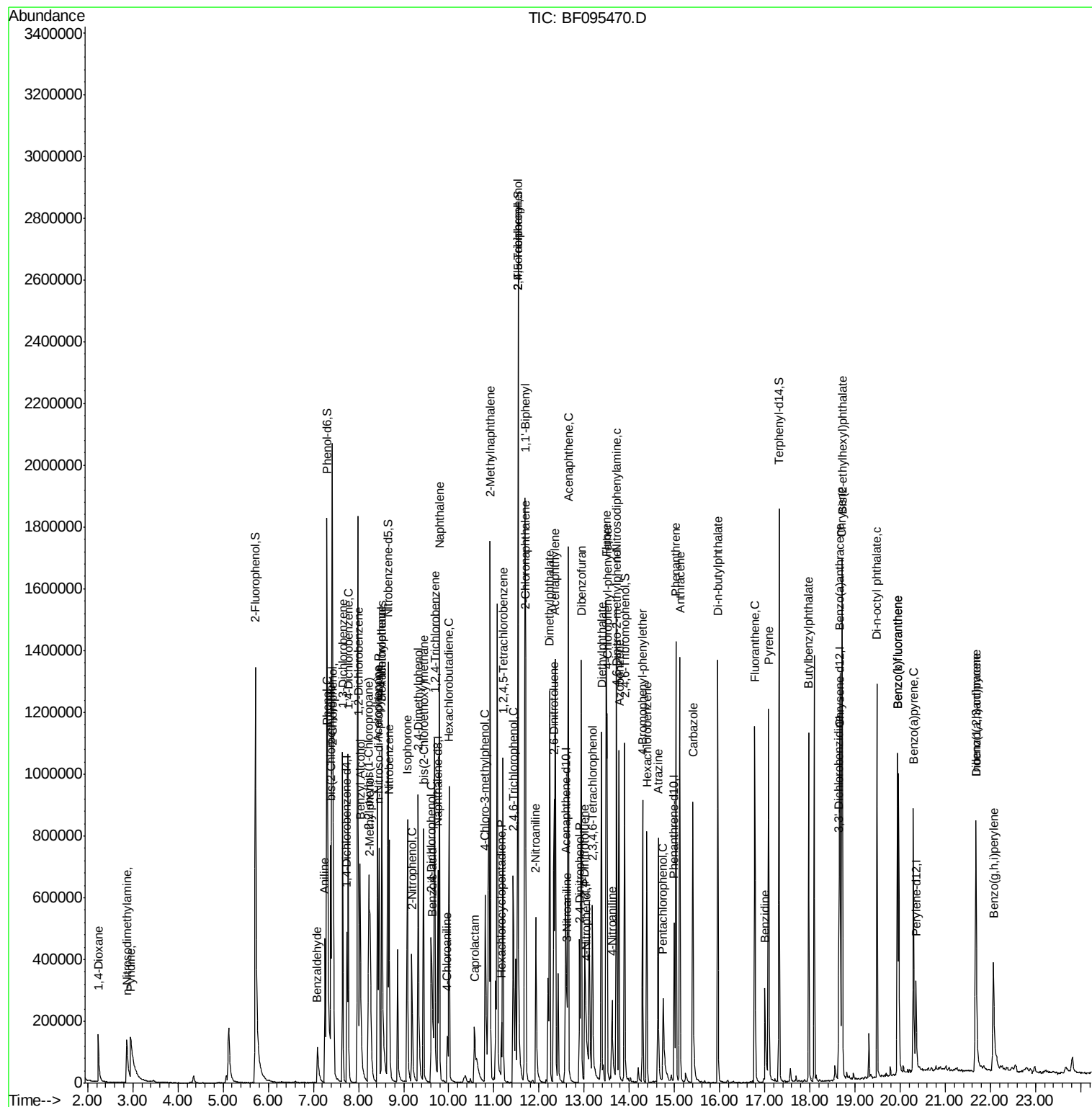
Quant Time: May 27 03:10:30 2017  
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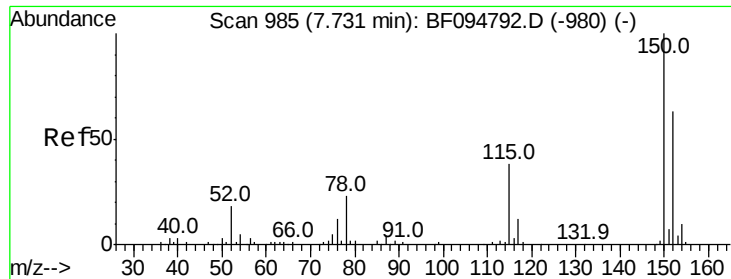
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 42) 2,4,6-Trichlorophenol      | 11.43 | 196  | 170051   | 49.55 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 11.53 | 196  | 151648   | 41.11 | nq    | 93       |
| 45) 1,1'-Biphenyl              | 11.69 | 154  | 705703   | 50.14 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 11.71 | 162  | 546151   | 48.06 | nq    | 96       |
| 47) 2-Nitroaniline             | 11.93 | 65   | 160253   | 51.52 | nq    | # 82     |
| 48) Acenaphthylene             | 12.36 | 152  | 847514   | 47.61 | nq    | 99       |
| 49) Dimethylphthalate          | 12.24 | 163  | 754336   | 54.97 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 12.34 | 165  | 131366   | 46.92 | nq    | 96       |
| 51) Acenaphthene               | 12.65 | 154  | 501010   | 47.13 | nq    | 99       |
| 52) 3-Nitroaniline             | 12.61 | 138  | 101497   | 33.78 | nq    | 92       |
| 53) 2,4-Dinitrophenol          | 12.89 | 184  | 4169     | 8.74  | nq    | # 15     |
| 54) Dibenzofuran               | 12.94 | 168  | 762554   | 51.83 | nq    | 98       |
| 55) 4-Nitrophenol              | 13.04 | 139  | 129632   | 71.83 | nq    | # 78     |
| 56) 2,4-Dinitrotoluene         | 13.01 | 165  | 172455   | 47.94 | nq    | # 91     |
| 57) Fluorene                   | 13.49 | 166  | 584109   | 45.66 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 13.18 | 232  | 110952   | 47.79 | nq    | # 93     |
| 59) Diethylphthalate           | 13.38 | 149  | 590638   | 44.91 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 13.51 | 204  | 262183   | 46.63 | nq    | 91       |
| 61) 4-Nitroaniline             | 13.62 | 138  | 118717   | 43.04 | nq    | 92       |
| 62) Azobenzene                 | 13.77 | 77   | 543608   | 51.43 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 13.71 | 198  | 10050    | 5.98  | nq    | # 1      |
| 65) n-Nitrosodiphenylamine     | 13.72 | 169  | 514052   | 56.45 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 14.29 | 248  | 142790   | 53.87 | nq    | 98       |
| 67) Hexachlorobenzene          | 14.39 | 284  | 137689   | 50.69 | nq    | # 89     |
| 68) Atrazine                   | 14.64 | 200  | 137826   | 53.61 | nq    | 96       |
| 69) Pentachlorophenol          | 14.75 | 266  | 79097    | 65.54 | nq    | 99       |
| 70) Phenanthrene               | 15.04 | 178  | 712522   | 49.43 | nq    | 98       |
| 71) Anthracene                 | 15.12 | 178  | 753036   | 51.14 | nq    | 97       |
| 72) Carbazole                  | 15.41 | 167  | 672554   | 50.20 | nq    | 97       |
| 73) Di-n-butylphthalate        | 15.96 | 149  | 879309   | 52.63 | nq    | 98       |
| 74) Fluoranthene               | 16.78 | 202  | 664820   | 44.96 | nq    | 99       |
| 76) Benzidine                  | 17.01 | 184  | 240521   | 47.62 | nq    | # 93     |
| 77) Pyrene                     | 17.08 | 202  | 651942   | 46.62 | nq    | 98       |
| 79) Butylbenzylphthalate       | 17.98 | 149  | 315380   | 48.48 | nq    | 90       |
| 80) Benzo(a)anthracene         | 18.66 | 228  | 519973   | 47.78 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 18.64 | 252  | 162683   | 43.28 | nq    | 97       |
| 82) Chrysene                   | 18.71 | 228  | 506334   | 48.12 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 18.72 | 149  | 440801   | 47.56 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 19.49 | 149  | 746745   | 49.14 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.68 | 276  | 390791   | 45.73 | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 19.94 | 252  | 458077   | 50.90 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 19.94 | 252  | 458077   | 52.77 | nq    | 96       |
| 89) Benzo(a)pyrene             | 20.29 | 252  | 432112   | 52.04 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 21.68 | 278  | 323473   | 47.17 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 22.06 | 276  | 325608   | 48.38 | nq    | 98       |
| -----                          |       |      |          |       |       |          |

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

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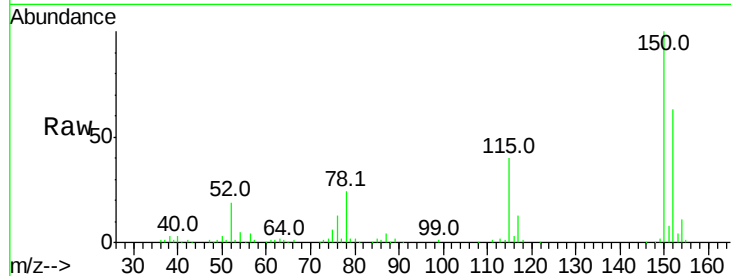




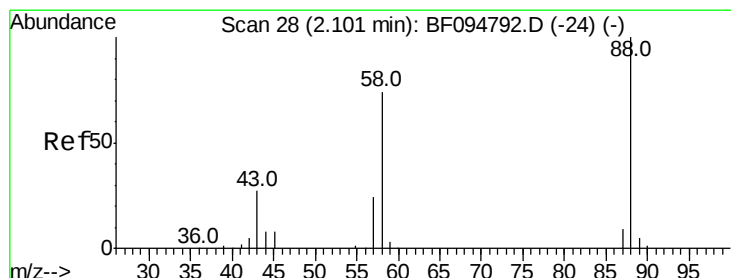
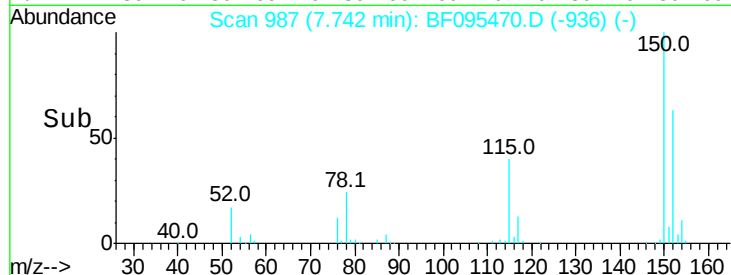
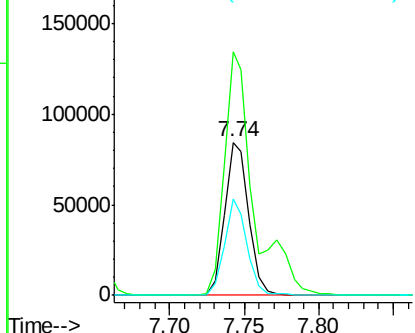
#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.74 min Scan# 987  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

Tot Ion:152 Resp: 95217  
Ion Ratio Lower Upper  
152 100  
150 159.3 126.2 189.2  
115 63.0 52.2 78.2



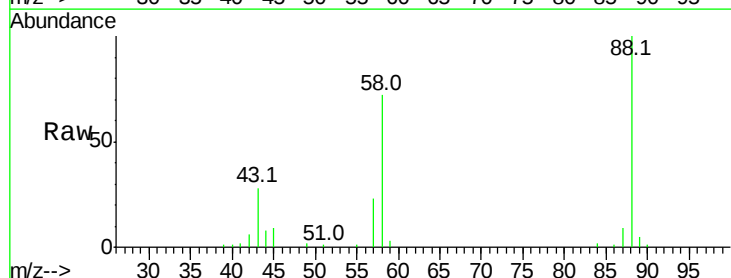
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



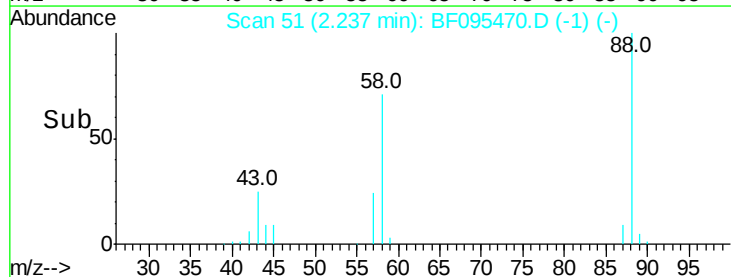
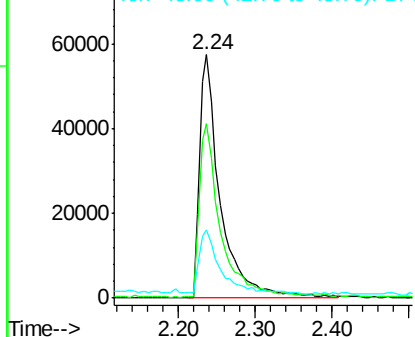
#2

1,4-Dioxane  
Concen: 38.41 ng  
RT: 2.24 min Scan# 51  
Delta R.T. 0.05 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

Tgt Ion: 88 Resp: 107582  
Ion Ratio Lower Upper  
88 100  
58 74.4 61.4 92.0  
43 28.7 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.41 ng

RT: 2.95 min Scan# 173

Delta R.T. 0.07 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

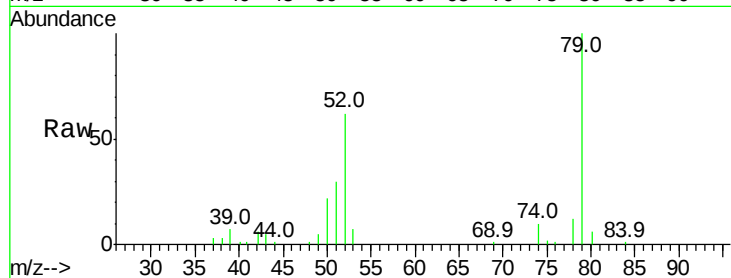
Tot Ion: 79 Resp: 249329

Ion Ratio Lower Upper

79 100

52 61.7 54.8 82.2

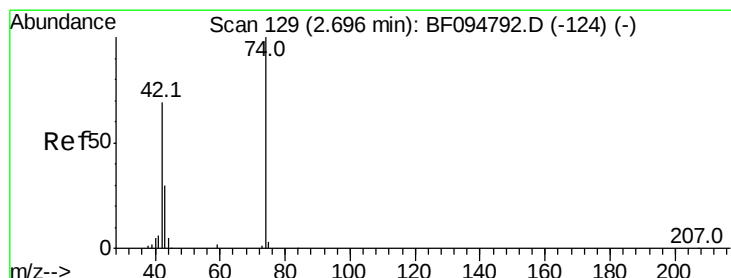
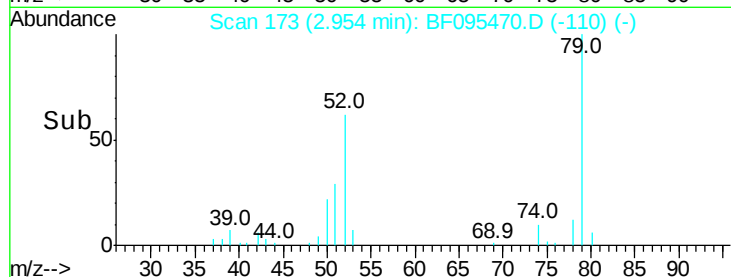
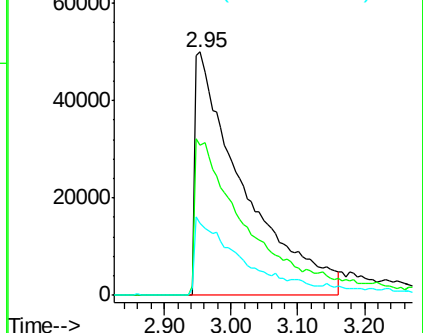
51 29.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.69 ng

RT: 2.87 min Scan# 158

Delta R.T. 0.05 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

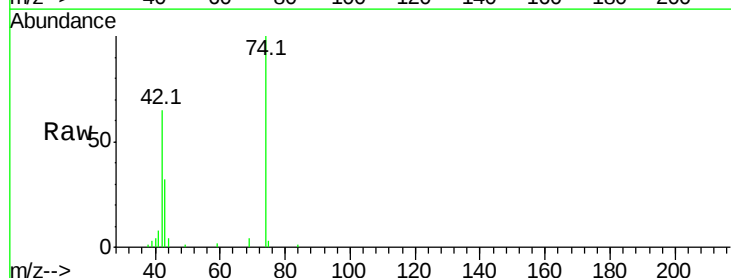
Tgt Ion: 42 Resp: 110113

Ion Ratio Lower Upper

42 100

74 153.0 103.9 155.9

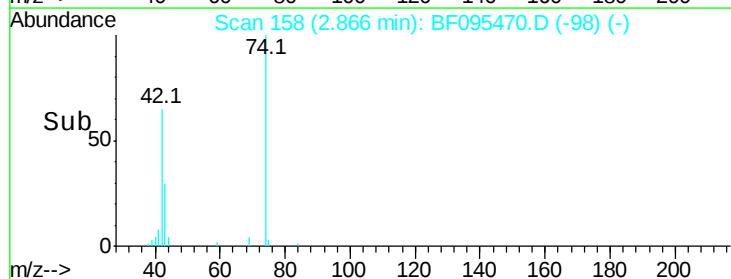
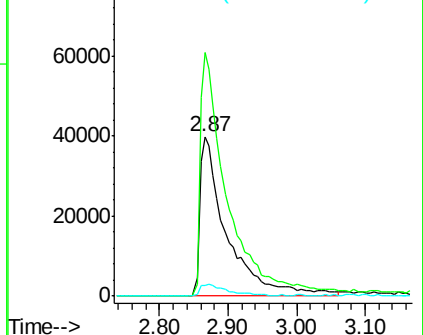
44 6.8 5.7 8.5

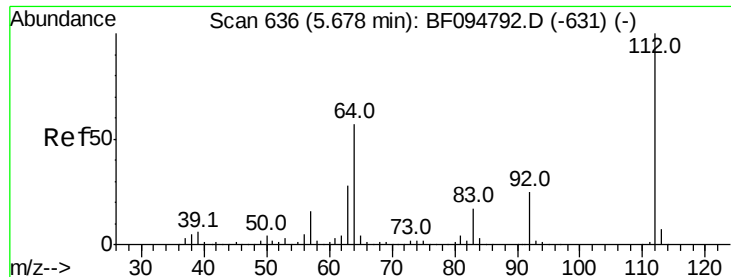


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 160.64 ng

RT: 5.72 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

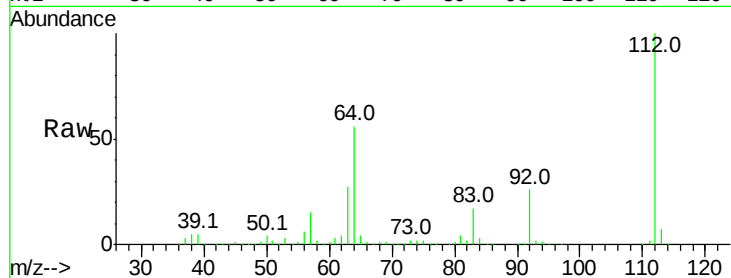
Tot Ion:112 Resp: 917442

Ion Ratio Lower Upper

112 100

64 56.2 46.0 69.0

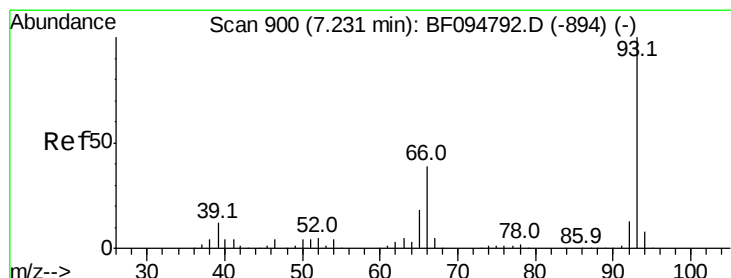
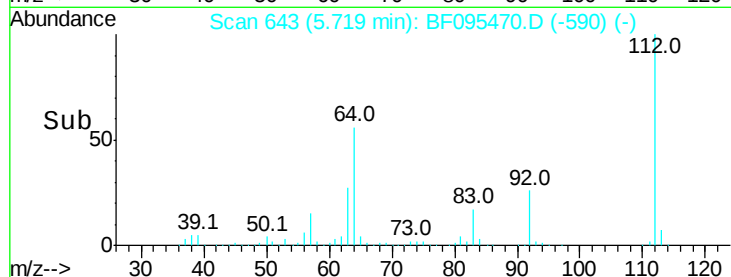
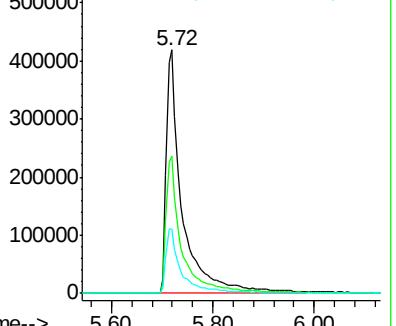
63 26.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.29 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

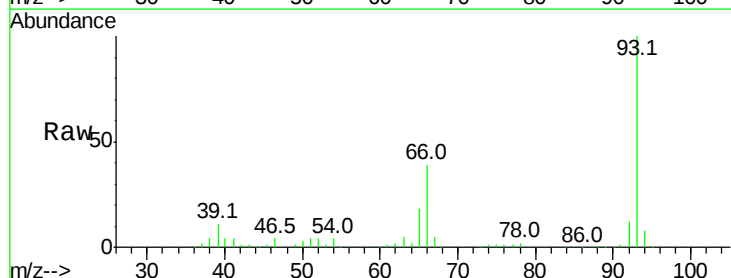
Tgt Ion: 93 Resp: 287949

Ion Ratio Lower Upper

93 100

66 38.7 32.9 49.3

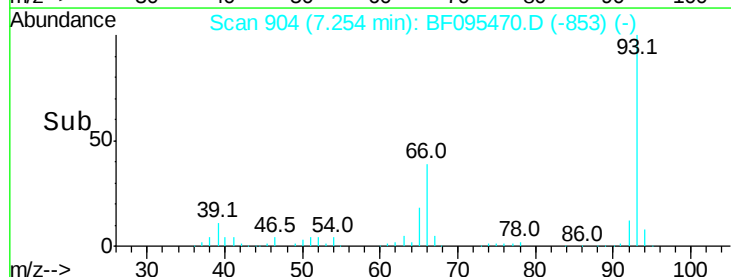
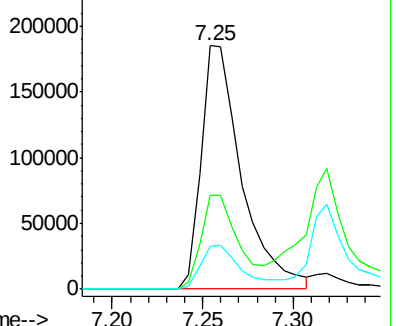
65 17.6 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 157.69 ng

RT: 7.30 min Scan# 912

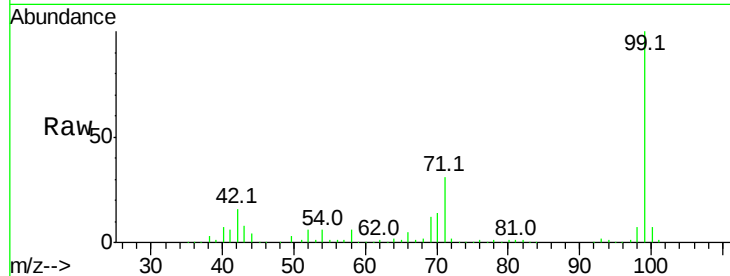
Delta R.T. 0.01 min

Lab File: BF095470.D

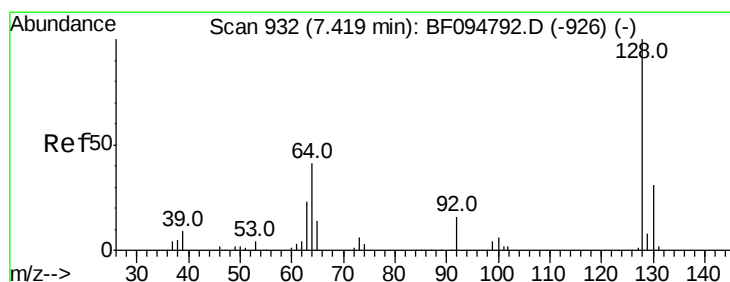
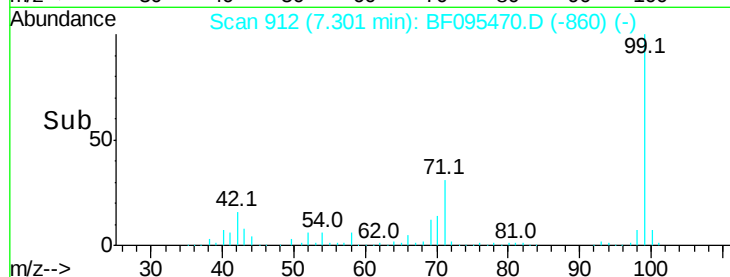
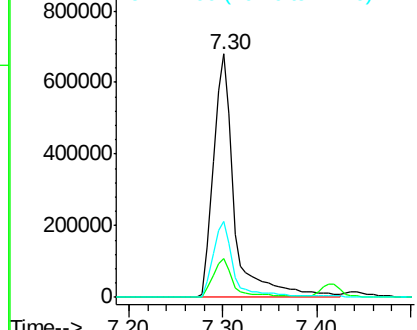
Acq: 26 May 2017 20:11

Tot Ion: 99 Resp: 1080577

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.1  | 13.5  | 20.3  |
| 71  | 31.3  | 24.5  | 36.7  |



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 50.63 ng

RT: 7.44 min Scan# 936

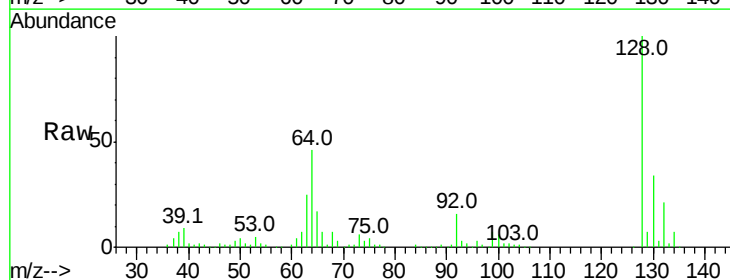
Delta R.T. -0.00 min

Lab File: BF095470.D

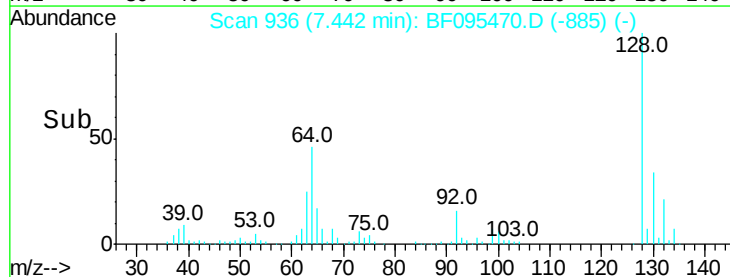
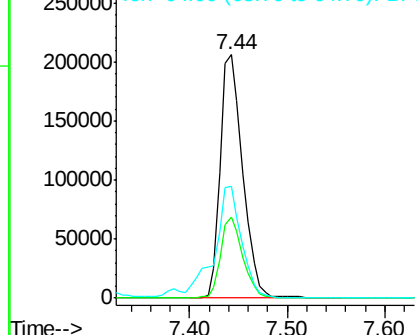
Acq: 26 May 2017 20:11

Tgt Ion: 128 Resp: 329139

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.5  | 12.9  | 52.9  |
| 64  | 45.7  | 28.4  | 68.4  |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.80 ng

RT: 7.09 min Scan# 876

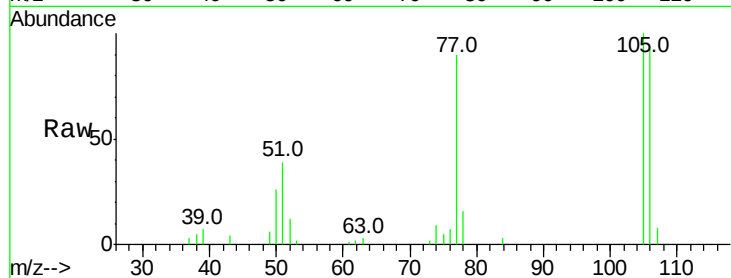
Delta R.T. 0.02 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

Tot Ion: 77 Resp: 61933

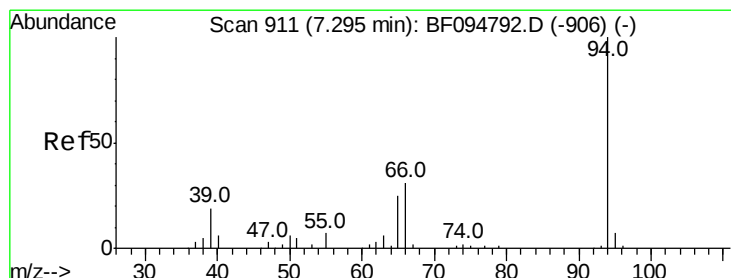
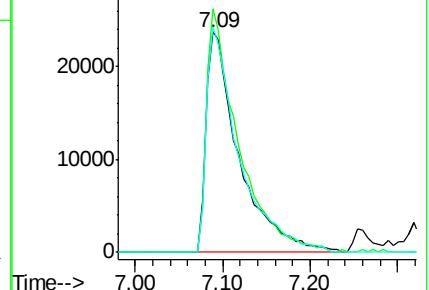
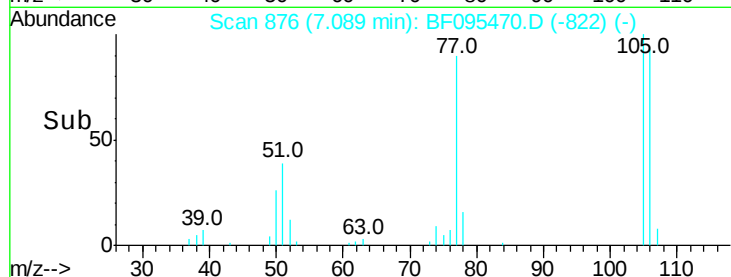
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 110.5 | 83.8  | 123.8 |
| 106 | 102.3 | 79.1  | 119.1 |



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.24 ng

RT: 7.32 min Scan# 915

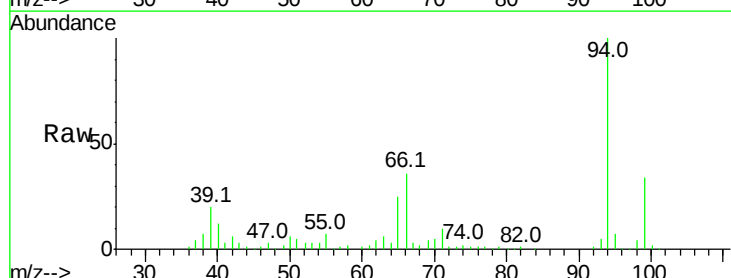
Delta R.T. 0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

Tgt Ion: 94 Resp: 348345

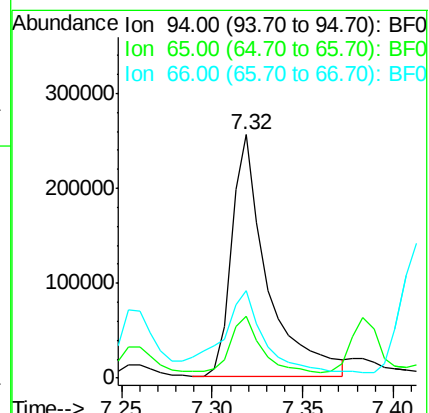
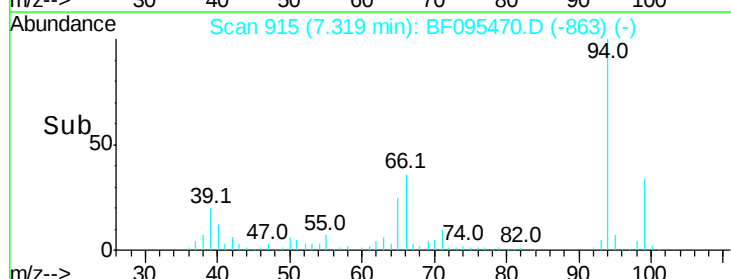
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 25.3  | 9.9   | 49.9  |
| 66  | 35.9  | 23.1  | 63.1  |

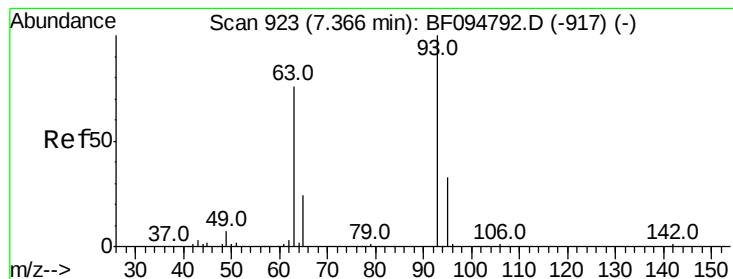


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

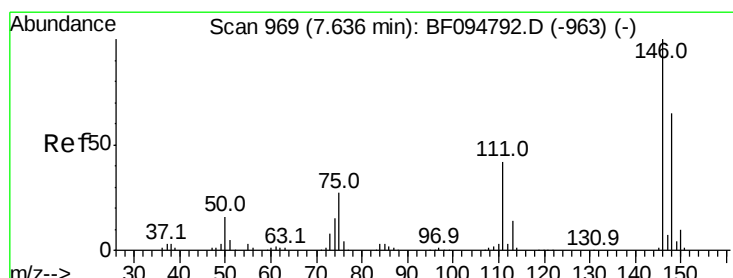
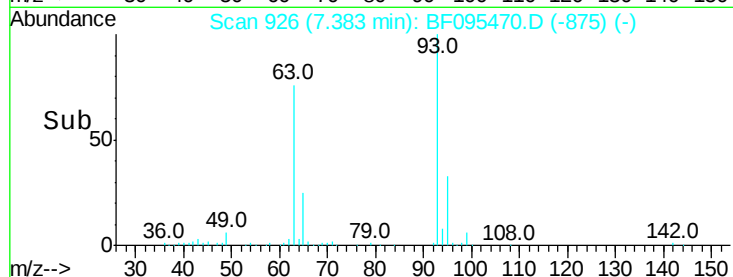
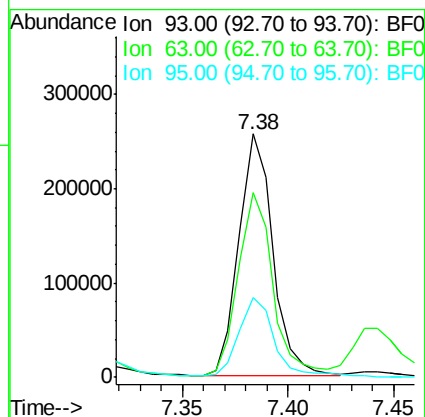
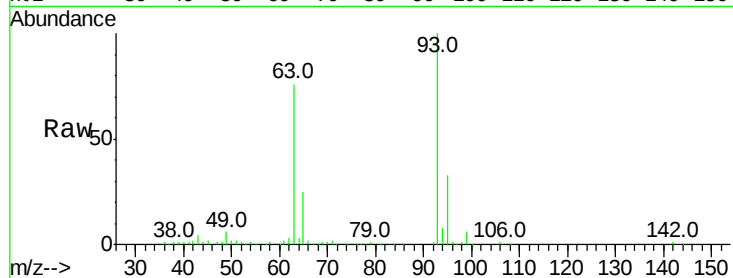
Ion 66.00 (65.70 to 66.70): BF0





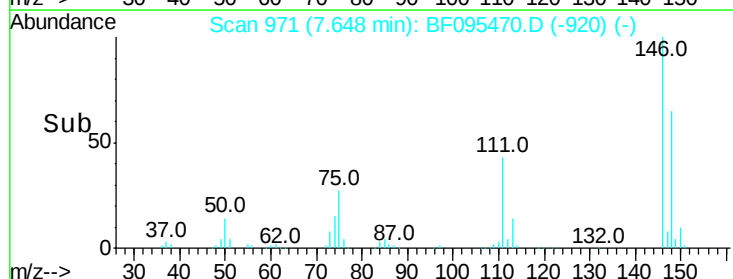
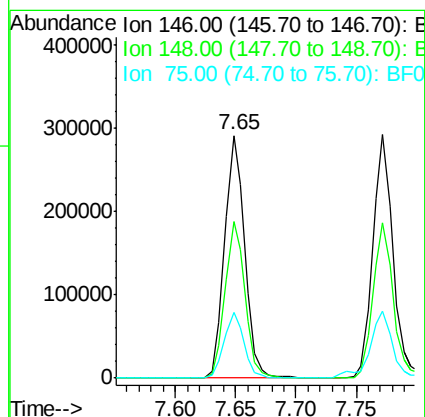
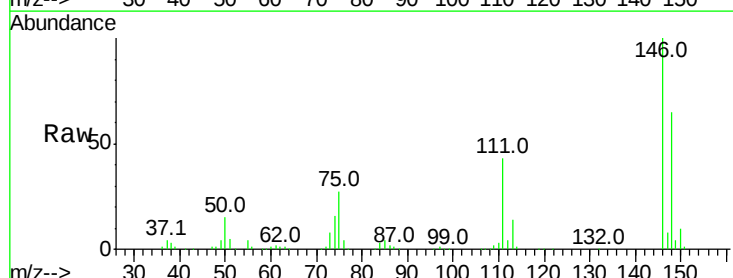
#11  
bis(2-Chloroethyl)ether  
Concen: 47.91 ng  
RT: 7.38 min Scan# 926  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

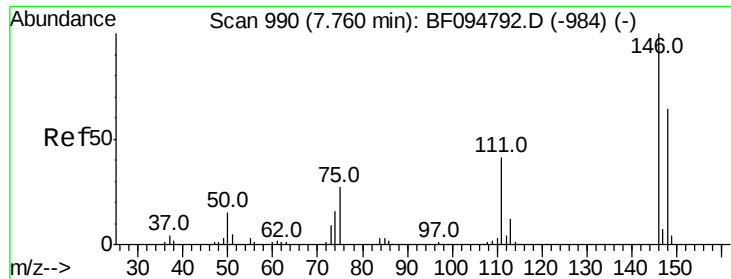
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.0  | 59.2  | 99.2  |
| 95      | 32.6  | 12.8  | 52.8  |



#12  
1,3-Dichlorobenzene  
Concen: 45.52 ng  
RT: 7.65 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 51.8  | 77.6  |
| 75      | 27.0  | 23.1  | 34.7  |





#13

1,4-Dichlorobenzene

Concen: 46.00 ng

RT: 7.77 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

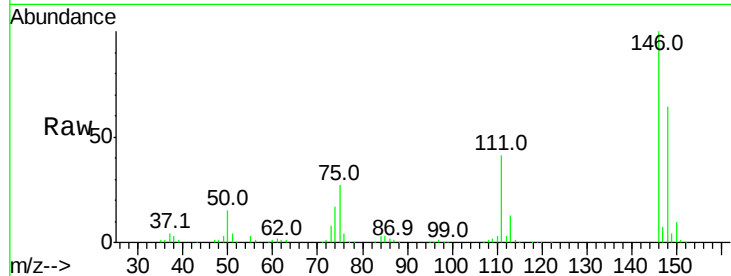
Tot Ion:146 Resp: 344012

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

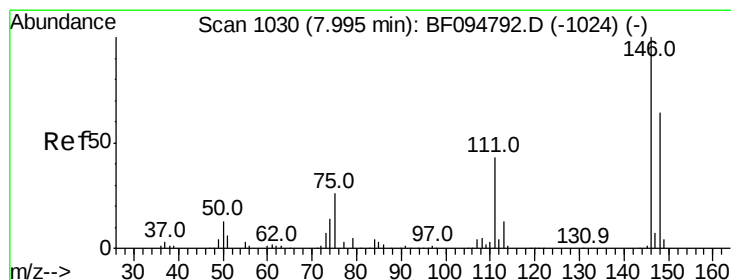
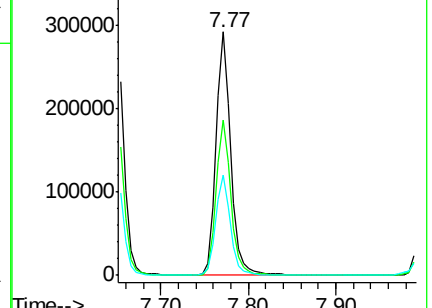
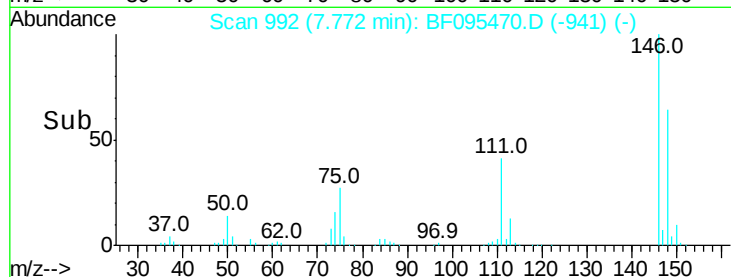
111 41.2 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.61 ng

RT: 8.01 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

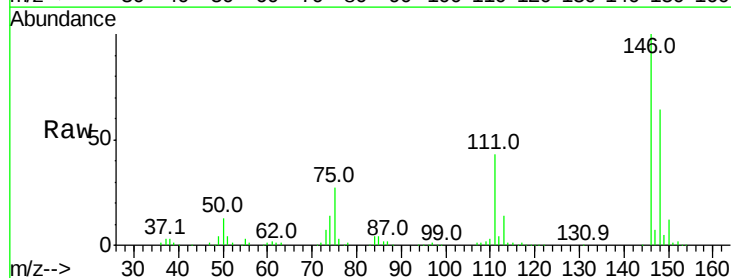
Tgt Ion:146 Resp: 325307

Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

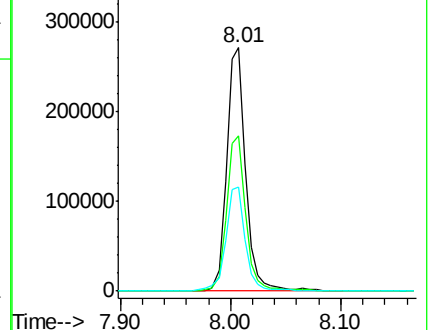
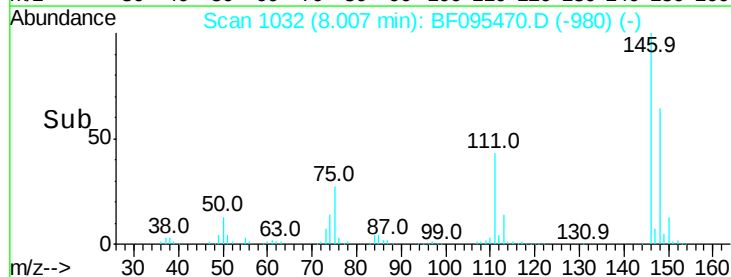
111 43.0 38.2 57.4

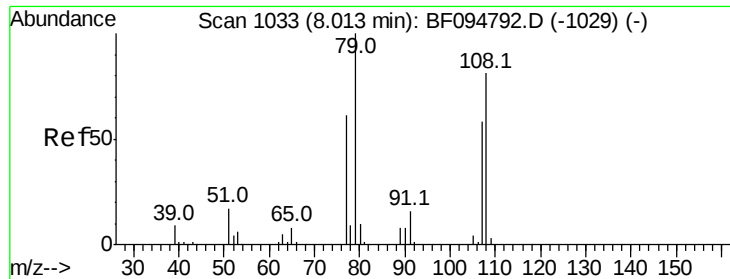


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

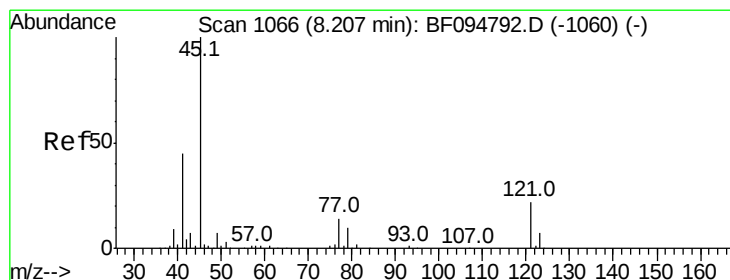
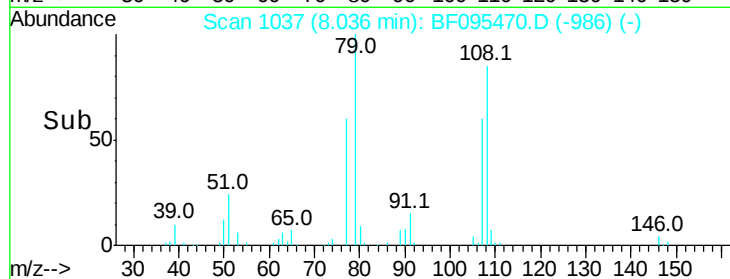
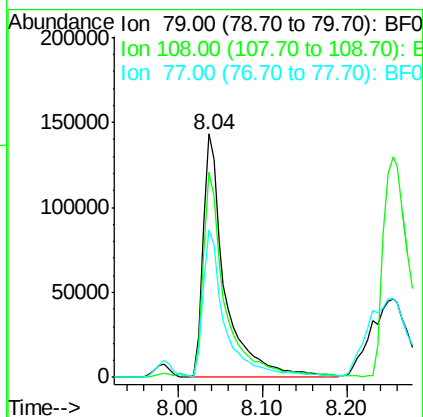
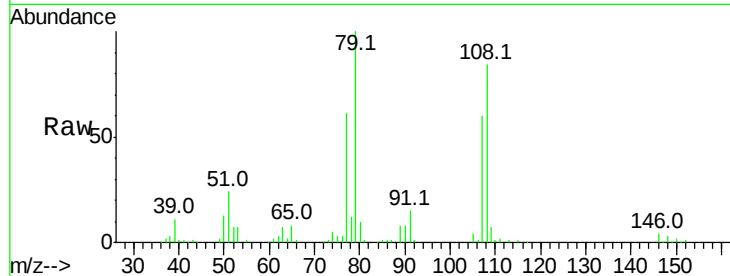
Ion 111.00 (110.70 to 111.70): E





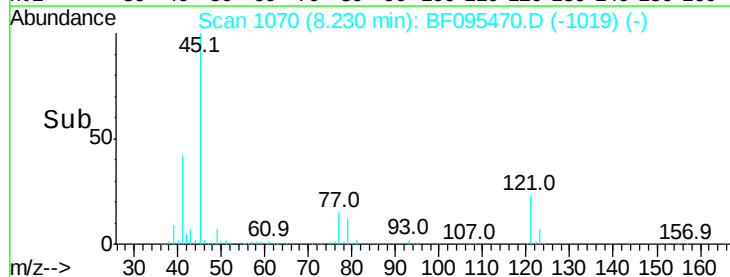
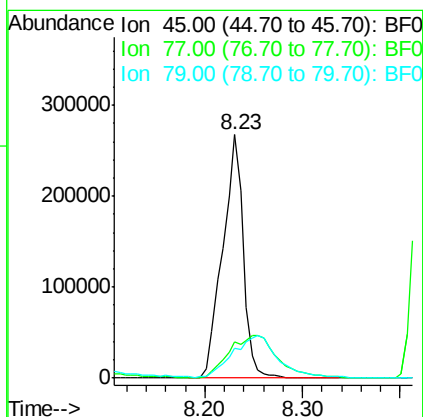
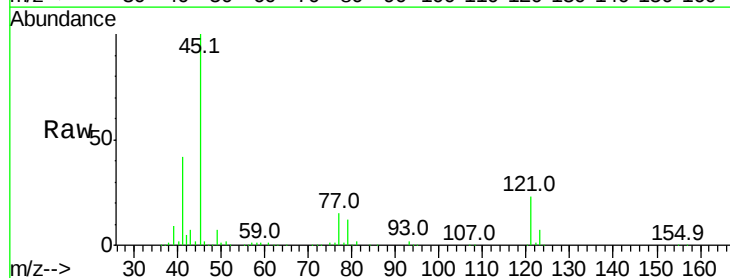
#15  
Benzyl Alcohol  
Concen: 58.49 ng  
RT: 8.04 min Scan# 1037  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

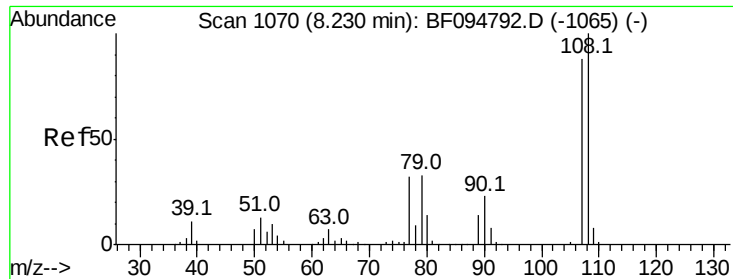
| Tot Ion: | 79    | Resp: | 257805 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 84.4  | 63.4  | 95.0   |
| 77       | 60.7  | 49.2  | 73.8   |



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 46.79 ng  
RT: 8.23 min Scan# 1070  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

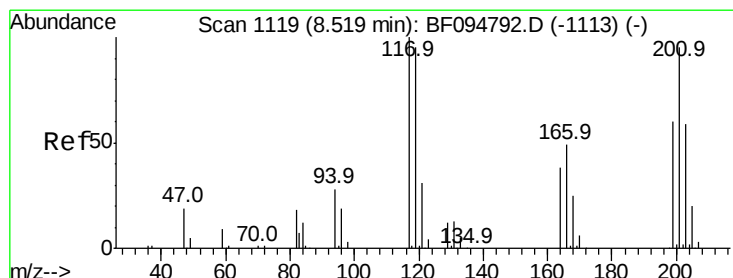
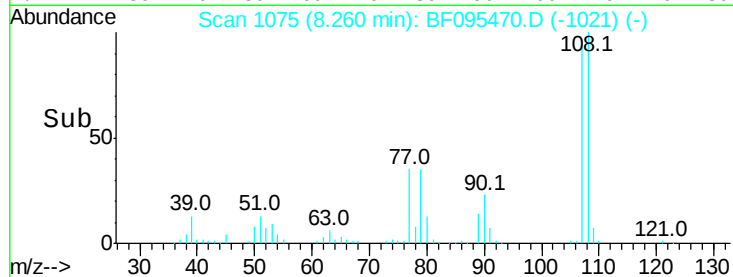
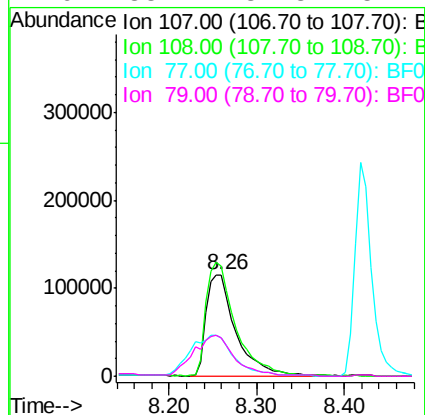
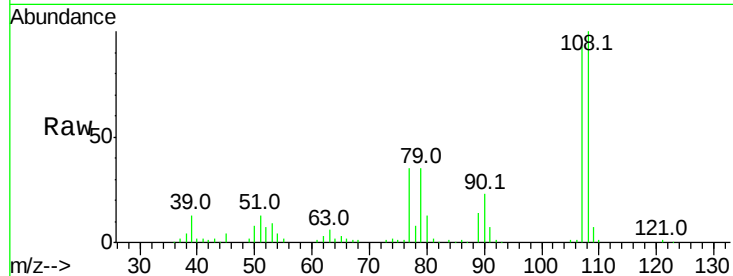
| Tgt Ion: | 45    | Resp: | 394819 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 14.6  | 0.0   | 33.2   |
| 79       | 12.4  | 0.0   | 30.0   |





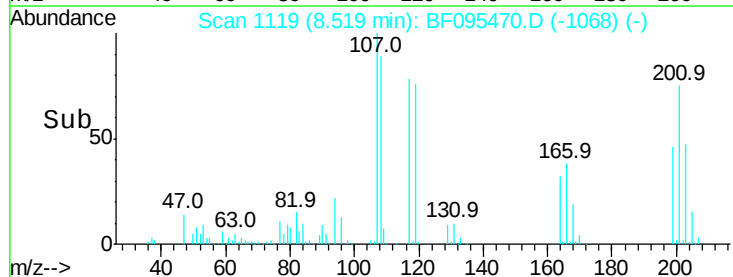
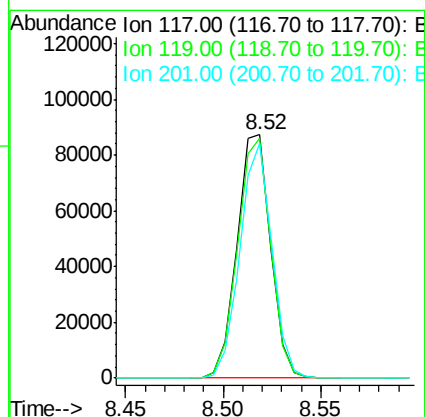
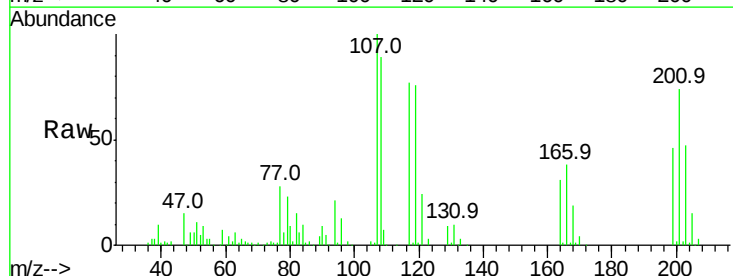
#17  
2-Methylphenol  
Concen: 51.38 ng  
RT: 8.26 min Scan# 1075  
Delta R.T. 0.02 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 273312 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 107.8 | 93.4  | 140.0  |
| 77       | 38.1  | 35.8  | 53.6   |
| 79       | 38.2  | 34.8  | 52.2   |



#18  
Hexachloroethane  
Concen: 41.12 ng  
RT: 8.52 min Scan# 1119  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

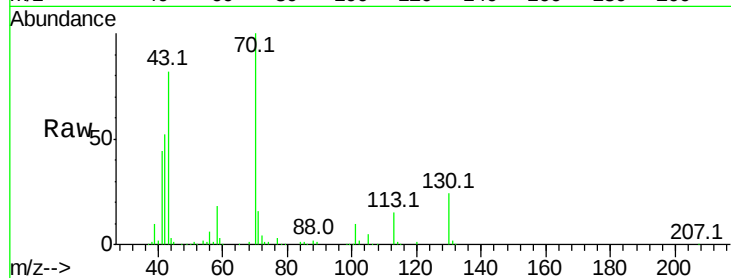
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 104155 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 98.5  | 77.4  | 116.0  |
| 201      | 96.2  | 94.6  | 141.8  |



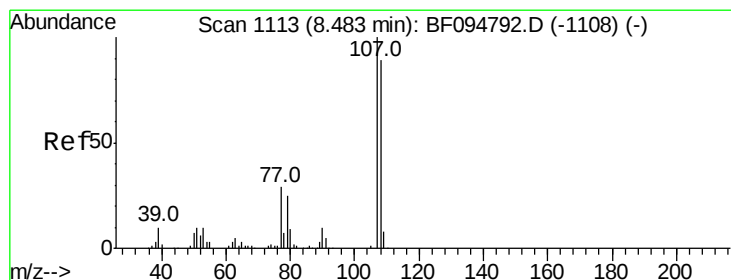
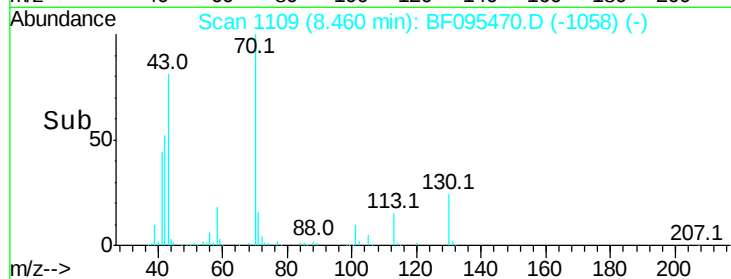
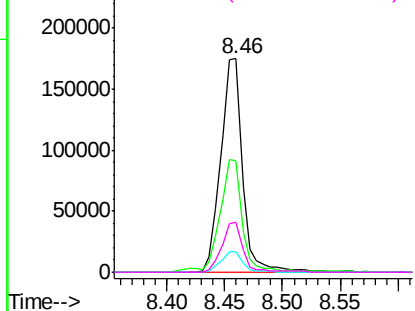


#19  
n-Nitroso-di-n-propylamine  
Concen: 49.61 ng  
RT: 8.46 min Scan# 1109  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 229899 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 52.1  | 47.2  | 70.8   |
| 101      | 9.9   | 7.2   | 10.8   |
| 130      | 23.6  | 15.9  | 23.9   |

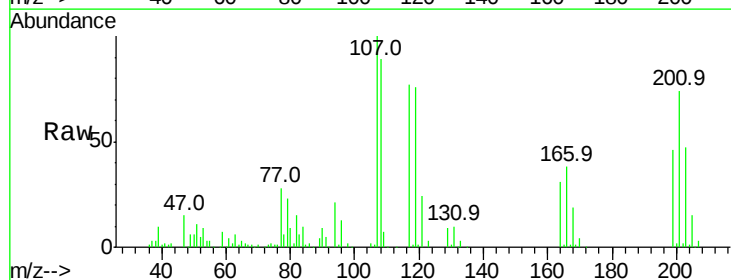


Abundance Ion 70.00 (69.70 to 70.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

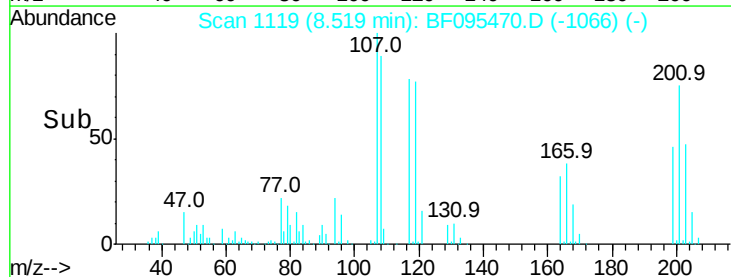
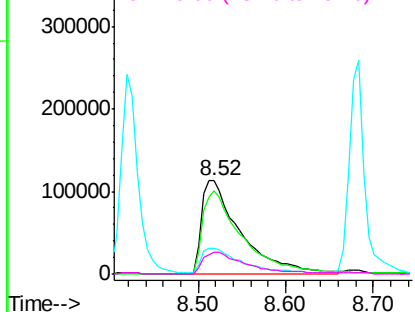


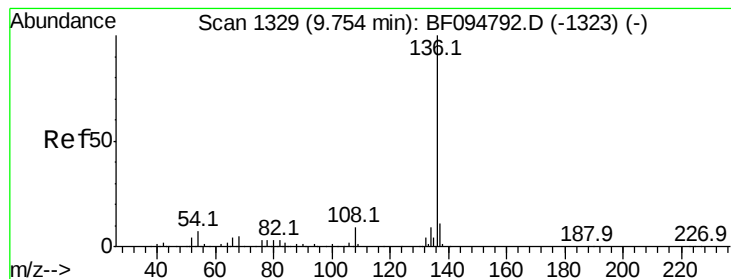
#20  
3+4-Methylphenols  
Concen: 48.47 ng  
RT: 8.52 min Scan# 1119  
Delta R.T. 0.01 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 350407 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.3  | 71.0  | 111.0  |
| 77       | 28.2  | 90.5  | 130.5# |
| 79       | 23.1  | 8.4   | 48.4   |



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): BF0  
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.76 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

Tot Ion:136 Resp: 379615

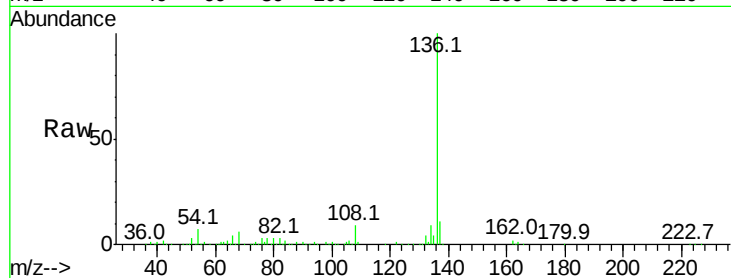
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.9 4.9 7.3

68 5.8 4.1 6.1

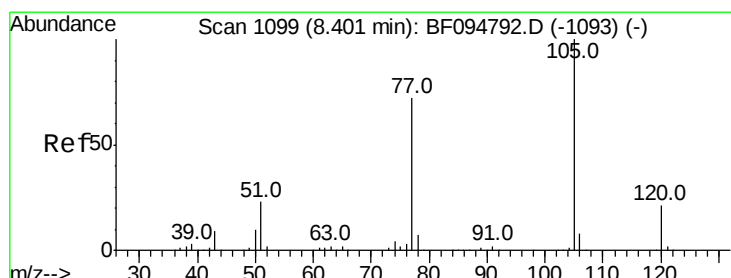
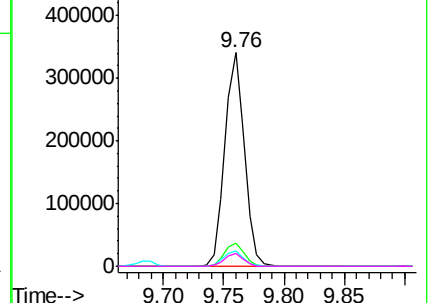
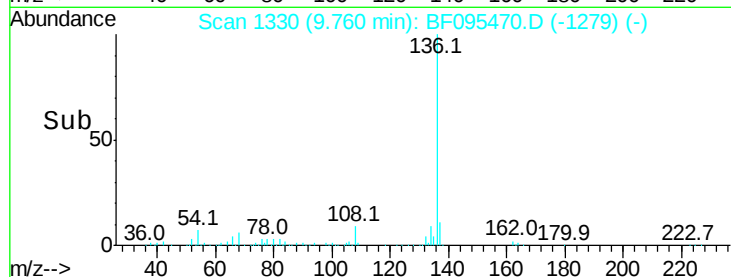


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 50.03 ng

RT: 8.42 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

Tgt Ion:105 Resp: 455650

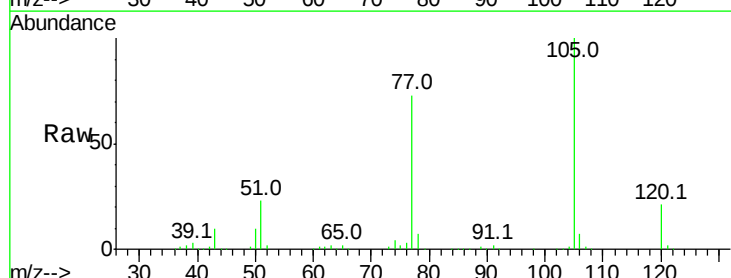
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.1 30.7 46.1#

120 21.2 17.4 26.0

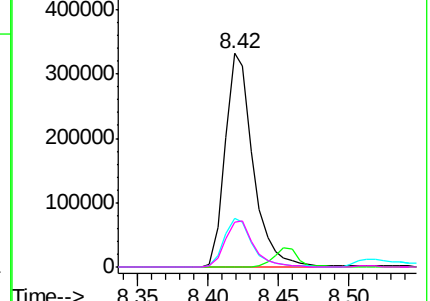
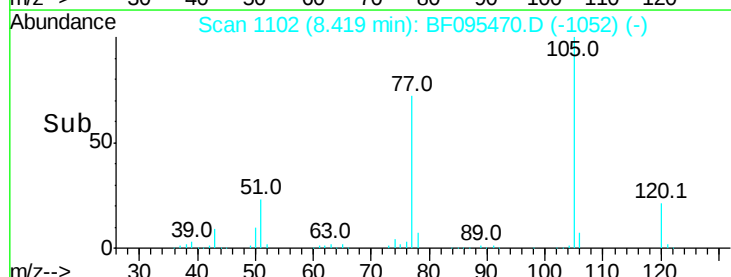


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 105.31 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

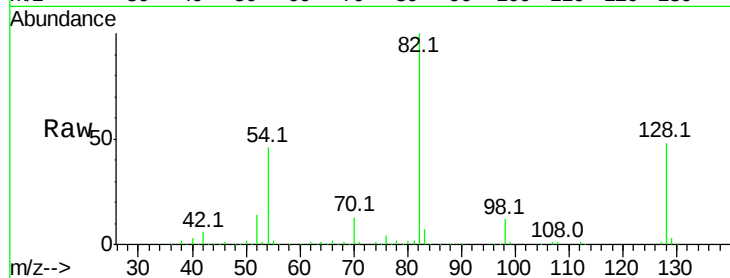
Tot Ion: 82 Resp: 633942

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

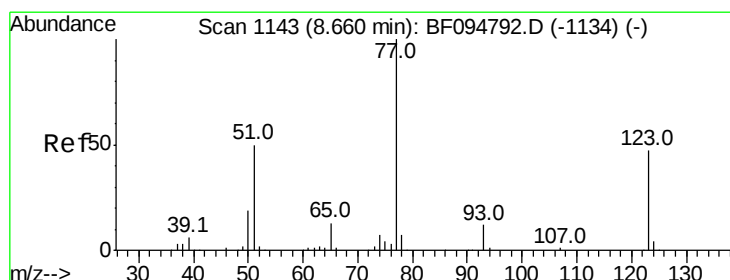
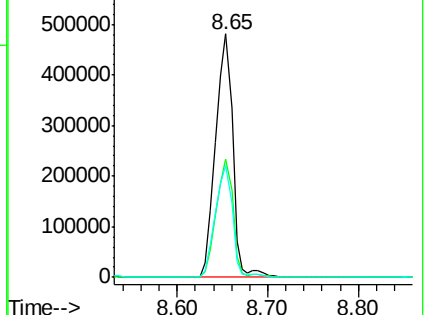
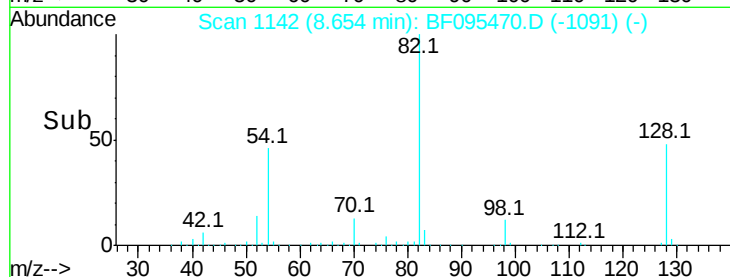
54 45.7 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 50.66 ng

RT: 8.68 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

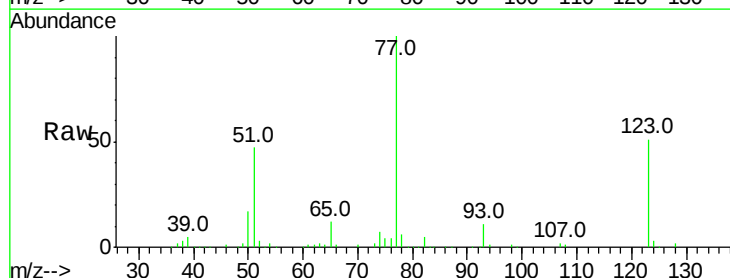
Tgt Ion: 77 Resp: 319669

Ion Ratio Lower Upper

77 100

123 51.1 35.8 53.8

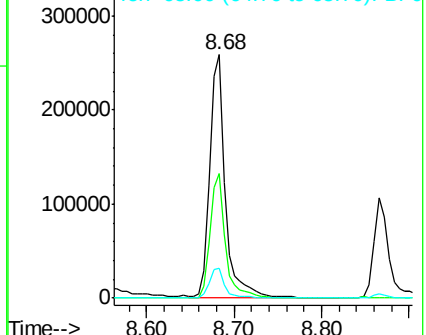
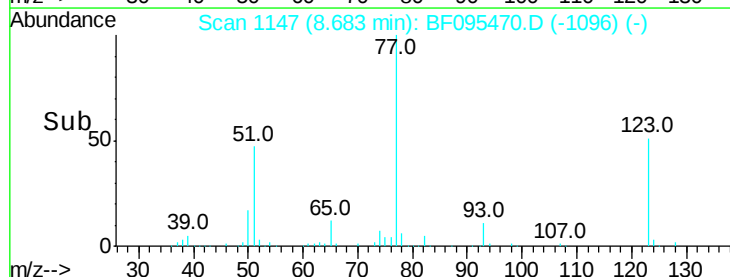
65 12.1 10.6 15.8

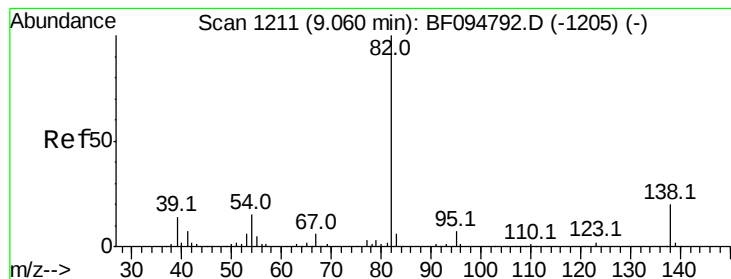


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 52.26 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

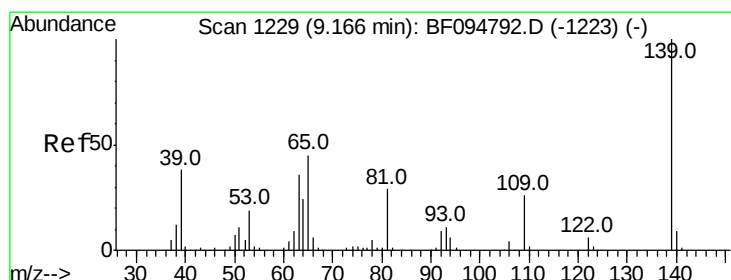
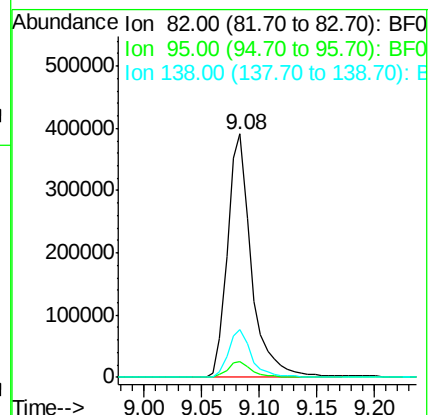
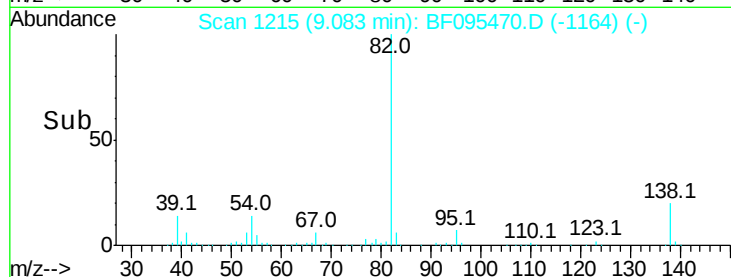
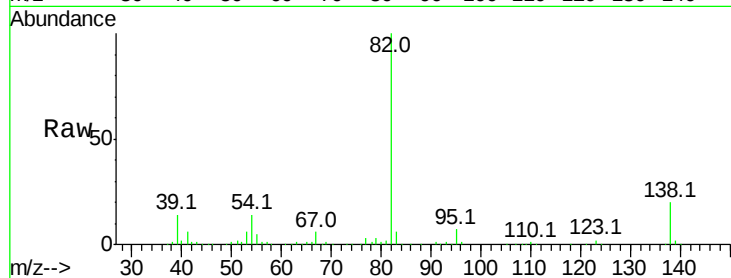
Tot Ion: 82 Resp: 561738

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 43.87 ng

RT: 9.18 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

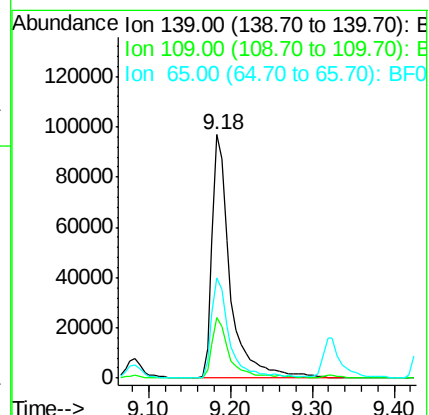
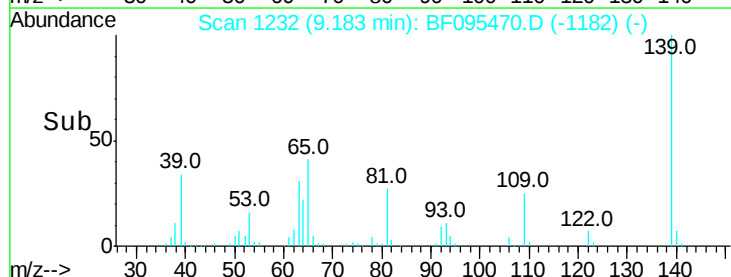
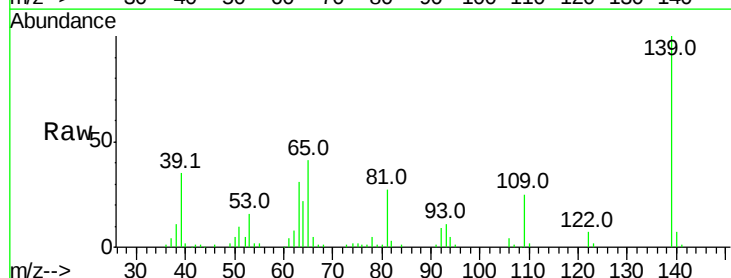
Tgt Ion:139 Resp: 149363

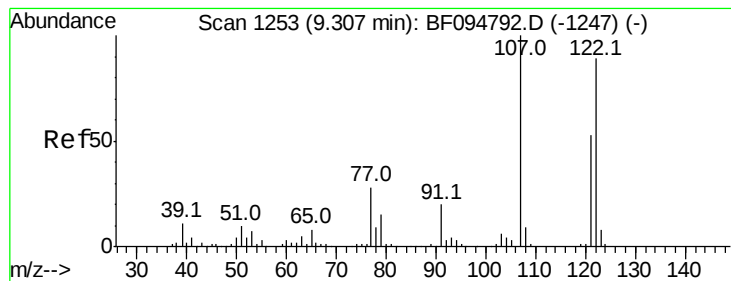
Ion Ratio Lower Upper

139 100

109 24.7 21.0 31.6

65 41.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 53.54 ng

RT: 9.32 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

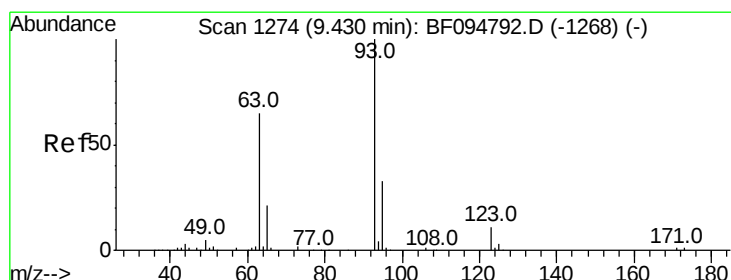
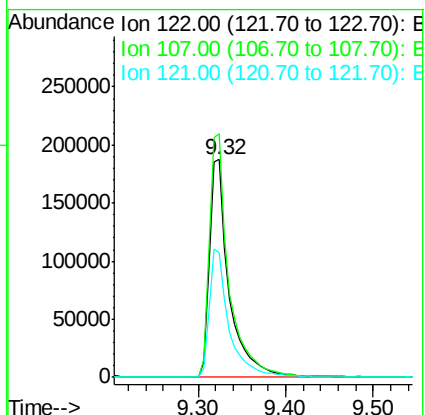
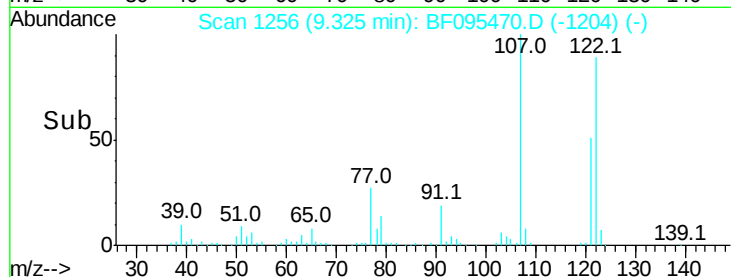
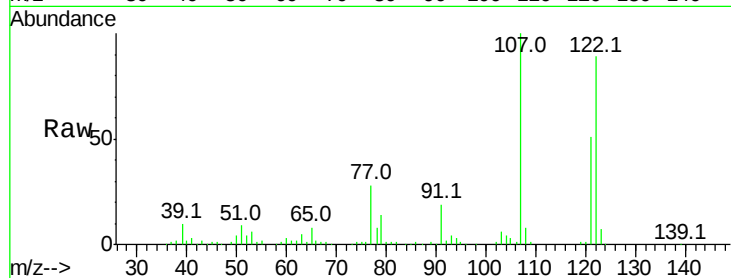
Tot Ion:122 Resp: 294710

Ion Ratio Lower Upper

122 100

107 111.9 89.2 133.8

121 57.5 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 50.62 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

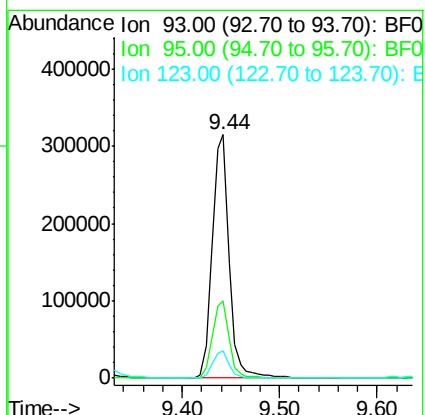
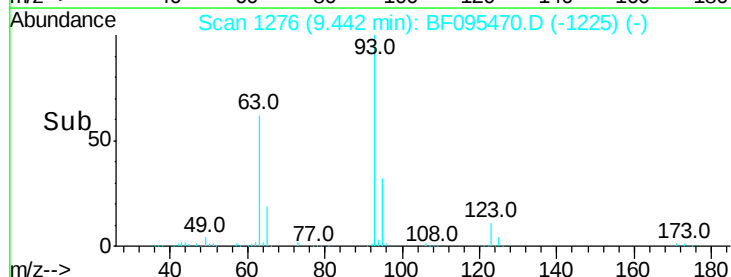
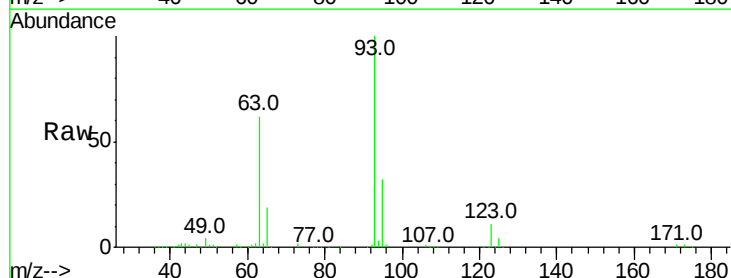
Tgt Ion: 93 Resp: 376434

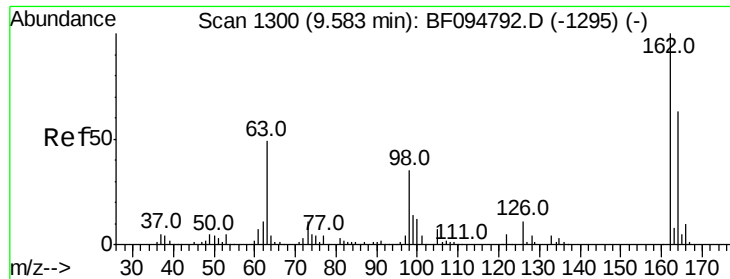
Ion Ratio Lower Upper

93 100

95 31.8 26.5 39.7

123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 48.74 ng

RT: 9.61 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

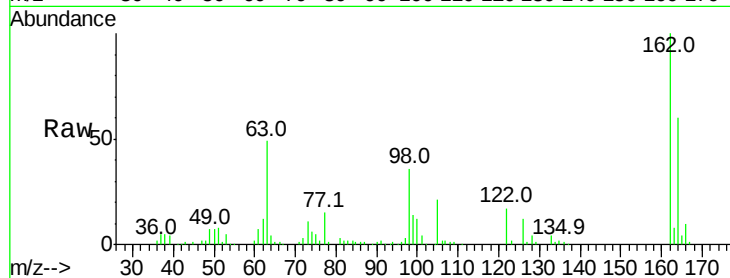
Tot Ion:162 Resp: 253358

Ion Ratio Lower Upper

162 100

164 59.6 44.6 84.6

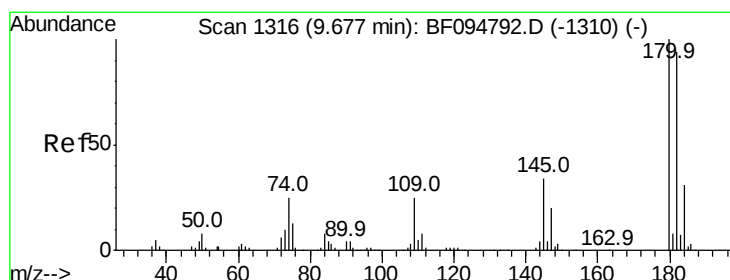
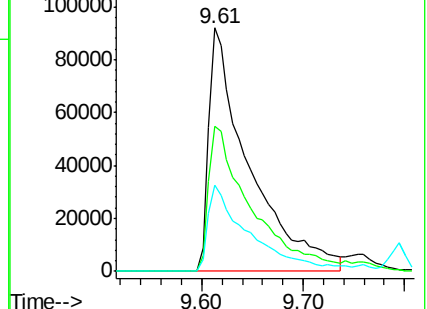
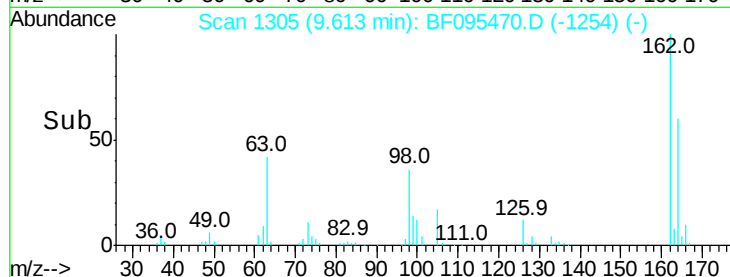
98 35.5 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 47.05 ng

RT: 9.69 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

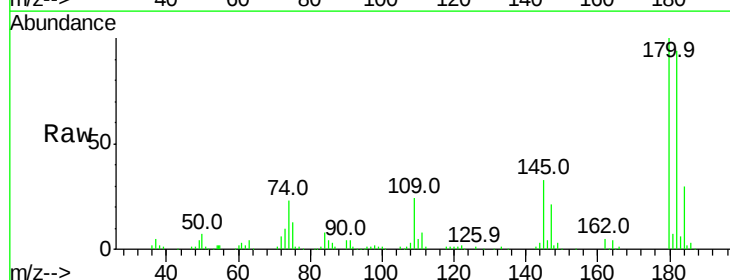
Tgt Ion:180 Resp: 261997

Ion Ratio Lower Upper

180 100

182 94.4 75.8 113.6

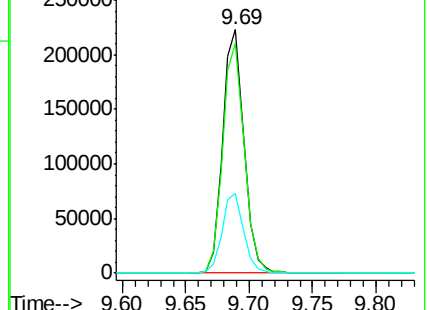
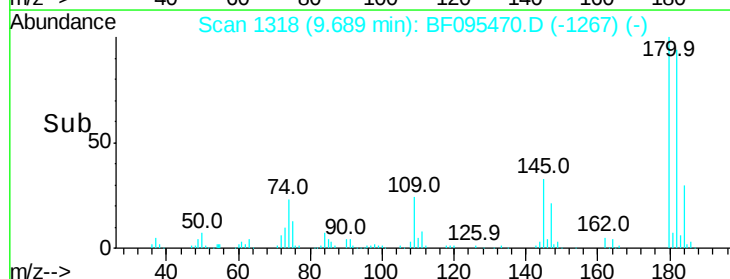
145 32.9 25.3 37.9

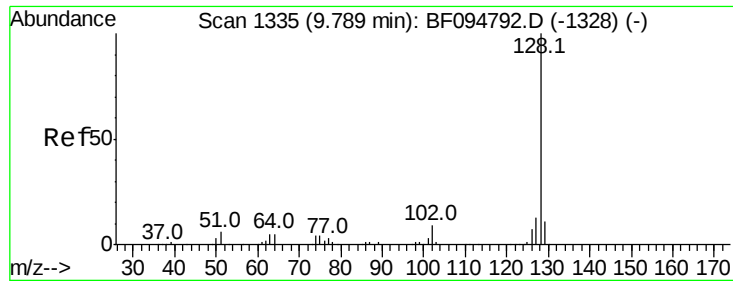


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

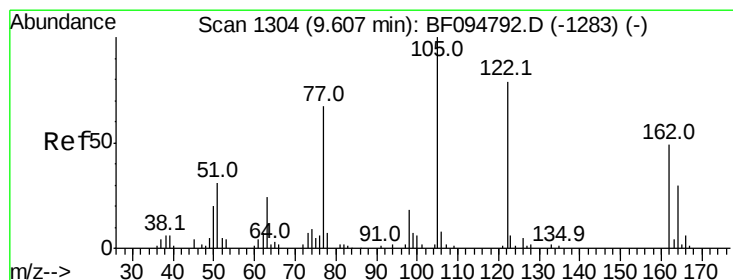
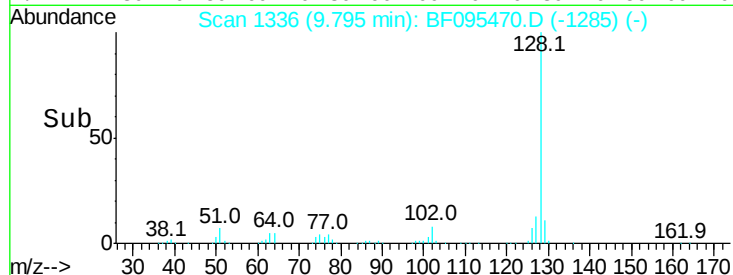
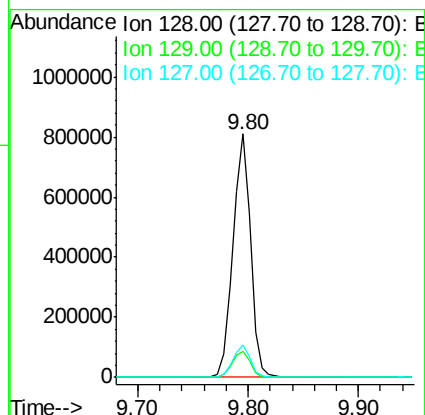
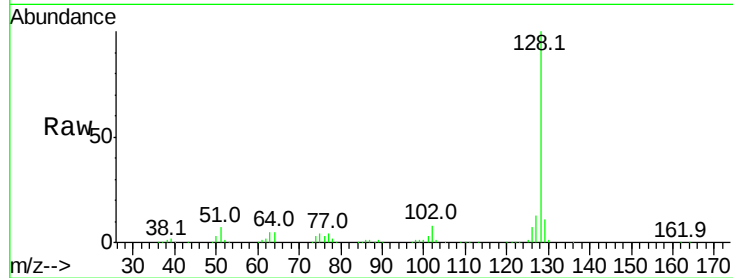
Ion 145.00 (144.70 to 145.70): E





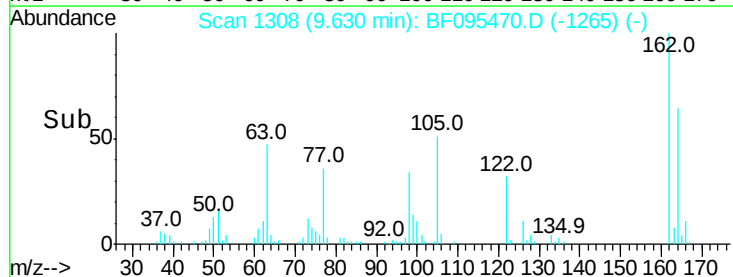
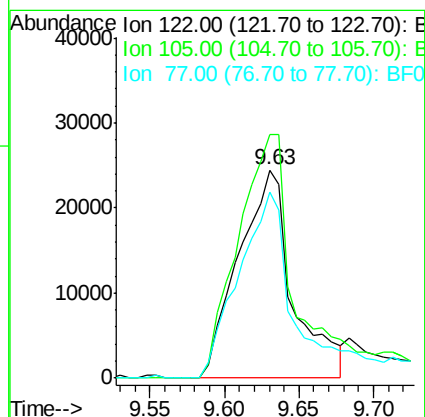
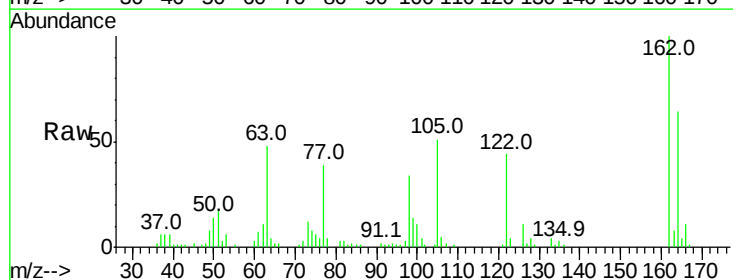
#31  
Naphthalene  
Concen: 47.72 ng  
RT: 9.80 min Scan# 1336  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

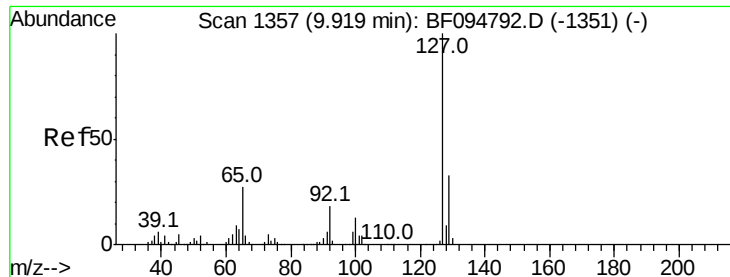
Tot Ion:128 Resp: 910459  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.6  
127 13.4 10.8 16.2



#32  
Benzoic acid  
Concen: 20.32 ng  
RT: 9.63 min Scan# 1308  
Delta R.T. -0.05 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

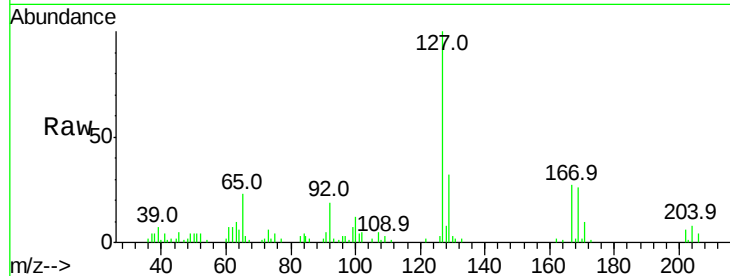
Tgt Ion:122 Resp: 61611  
Ion Ratio Lower Upper  
122 100  
105 116.9 103.3 143.3  
77 89.1 73.7 113.7



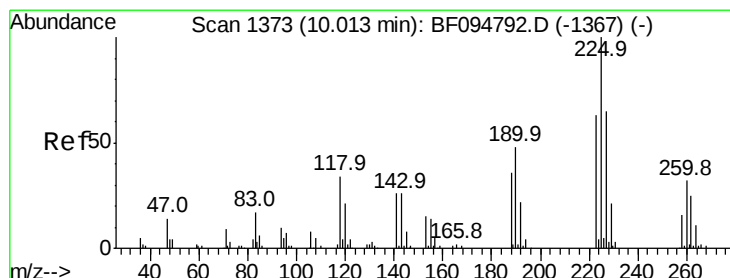
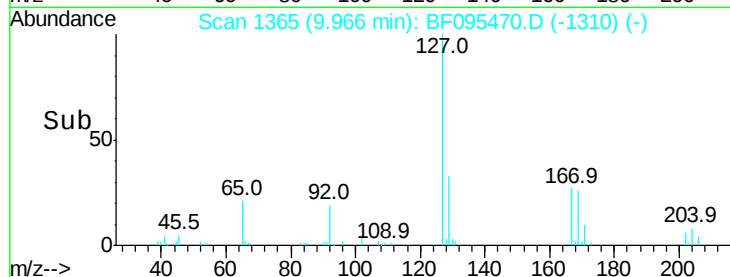
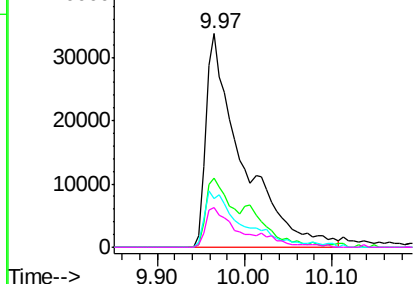


#33  
4-Chloroaniline  
Concen: 13.55 ng  
RT: 9.97 min Scan# 1365  
Delta R.T. 0.02 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 96344 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.5  | 26.2  | 39.2  |
| 65       | 22.7  | 27.8  | 41.8# |
| 92       | 18.6  | 16.8  | 25.2  |

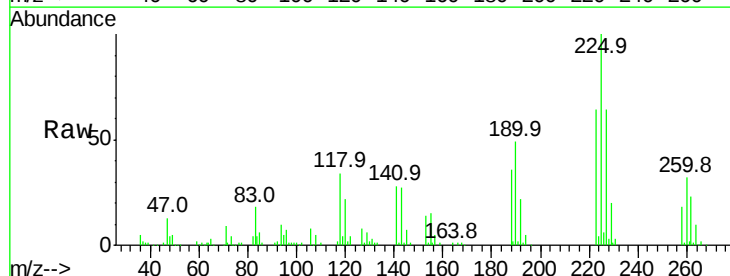


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

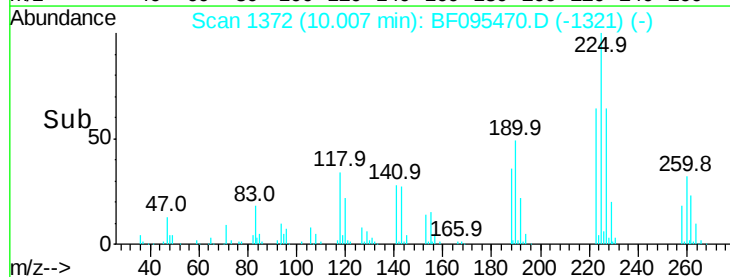
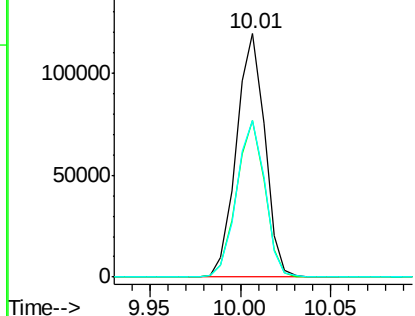


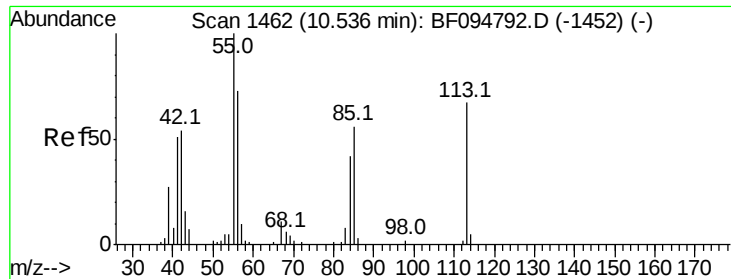
#34  
Hexachlorobutadiene  
Concen: 44.41 ng  
RT: 10.01 min Scan# 1372  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 130499 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.2  | 48.8  | 73.2   |
| 227      | 64.3  | 51.1  | 76.7   |



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





#35

Caprolactam

Concen: 27.17 ng

RT: 10.58 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

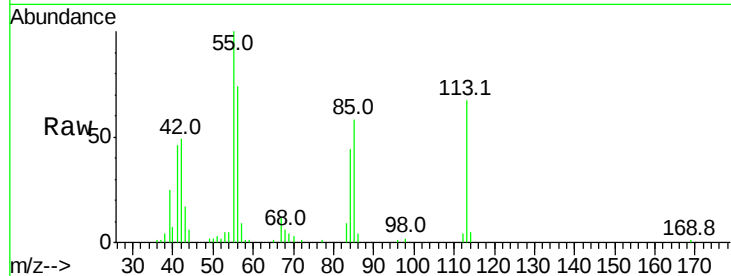
Tot Ion:113 Resp: 42407

Ion Ratio Lower Upper

113 100

55 150.1 150.2 190.2#

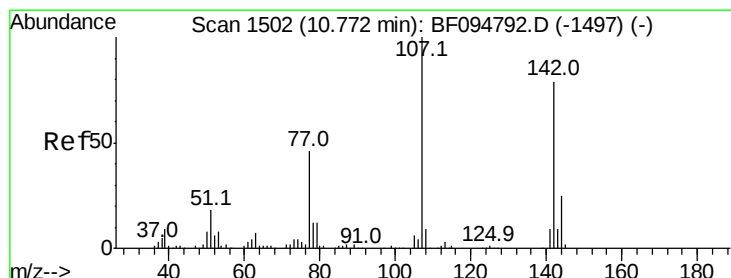
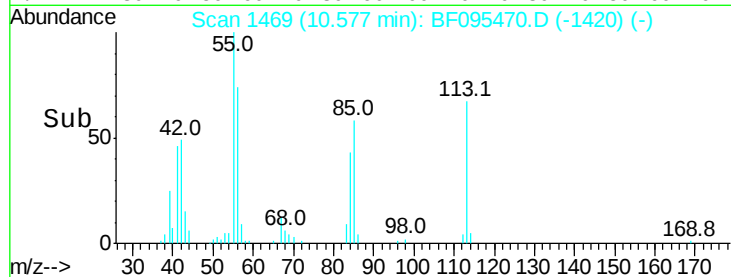
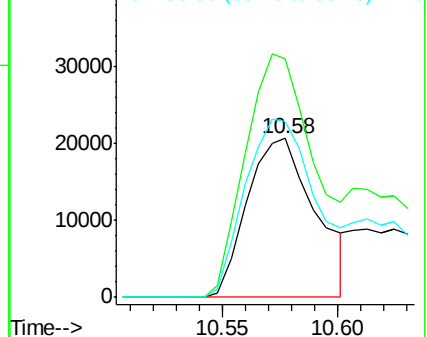
56 111.0 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 50.68 ng

RT: 10.81 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

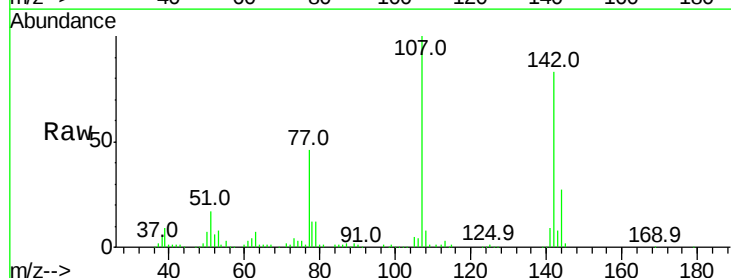
Tgt Ion:107 Resp: 281665

Ion Ratio Lower Upper

107 100

144 26.8 24.2 36.4

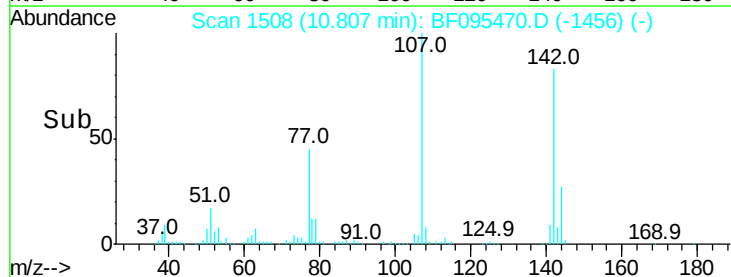
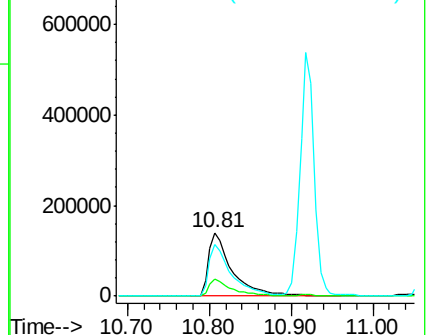
142 82.6 73.4 110.0

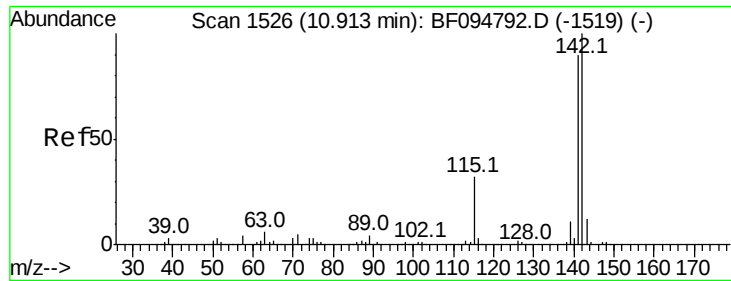


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

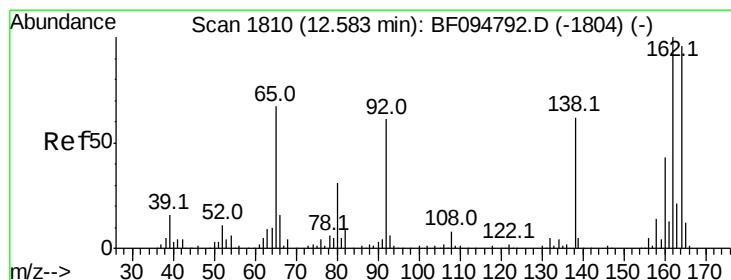
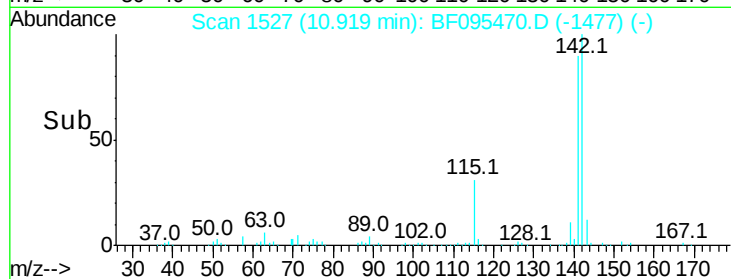
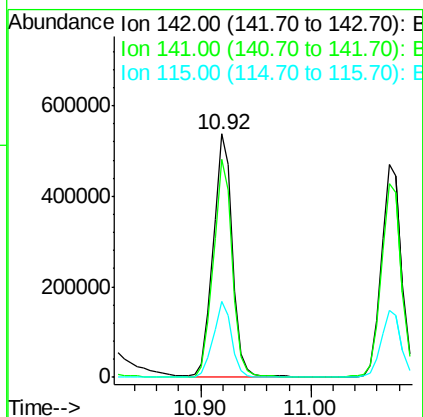
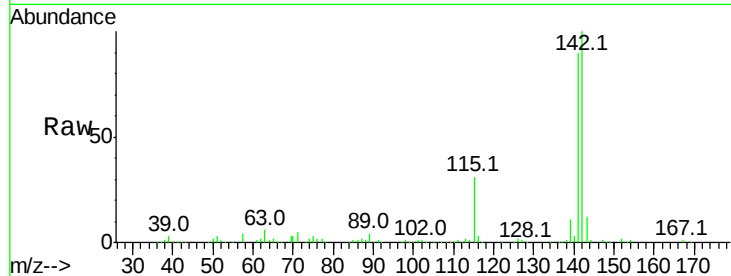
Ion 142.00 (141.70 to 142.70): E





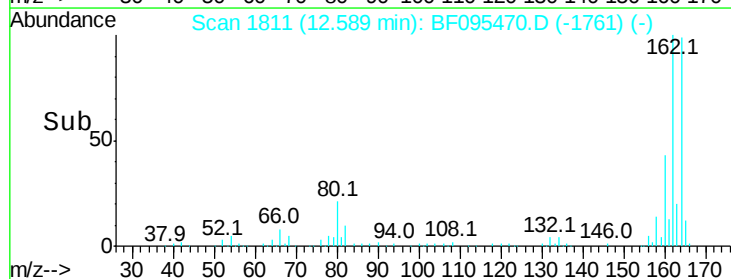
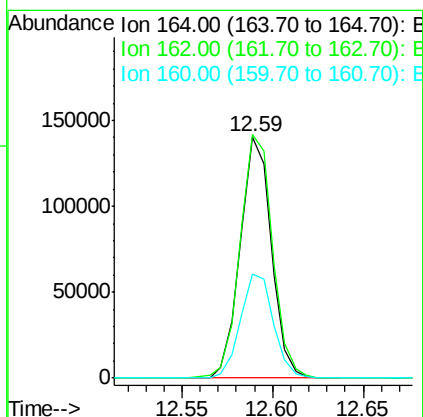
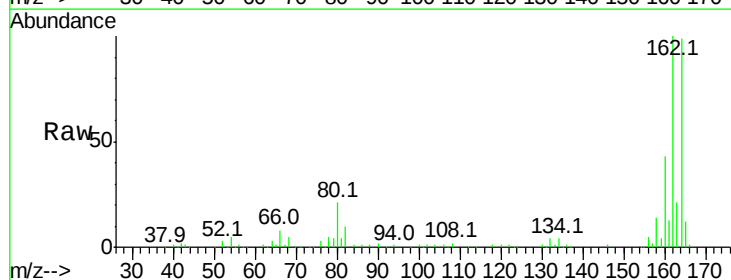
#37  
2-Methylnaphthalene  
Concen: 51.26 ng  
RT: 10.92 min Scan# 1527  
Delta R.T. -0.01 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 142   | Resp: | 641863 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 89.6  | 71.3  | 106.9  |
| 115      | 31.0  | 27.1  | 40.7   |



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 12.59 min Scan# 1811  
Delta R.T. -0.01 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

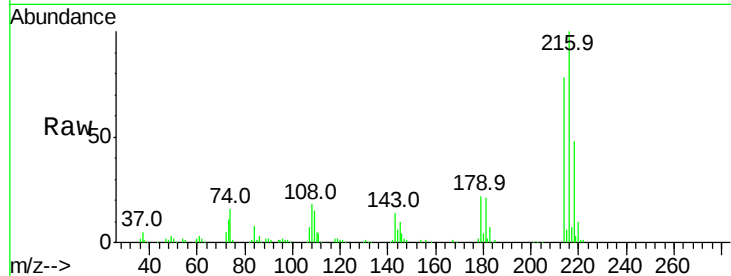
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 167157 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 100.8 | 82.6  | 123.8  |
| 160      | 43.0  | 36.2  | 54.2   |





#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 48.78 ng  
 RT: 11.20 min Scan# 1575  
 Delta R.T. -0.00 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 250768 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.7  | 63.4  | 95.2   |
| 179      | 22.4  | 17.9  | 26.9   |
| 108      | 18.4  | 16.5  | 24.7   |

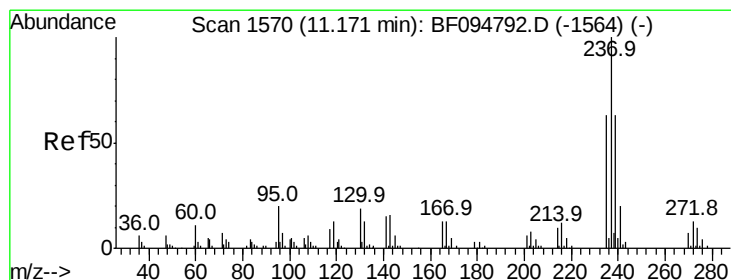
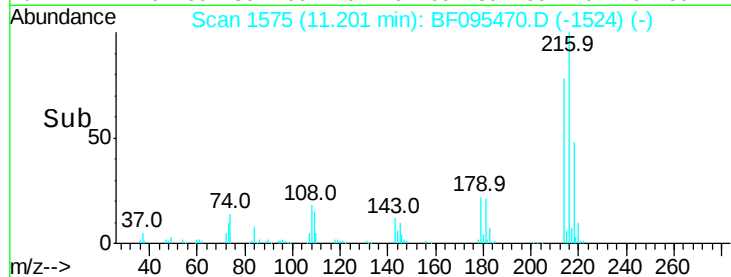
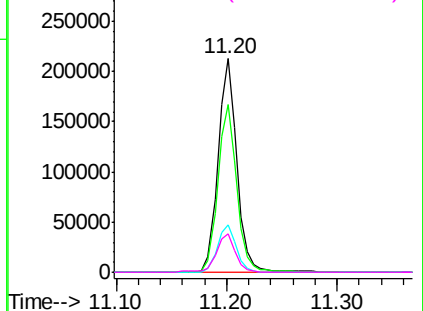


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

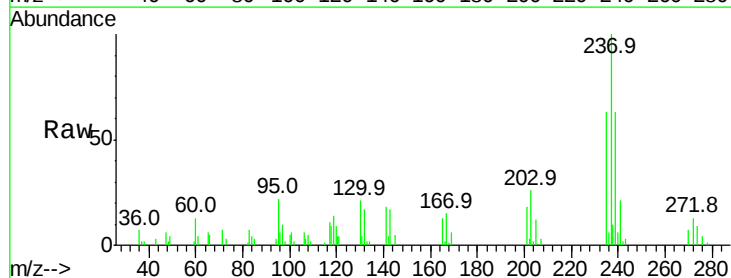
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40  
 Hexachlorocyclopentadiene  
 Concen: 18.88 ng  
 RT: 11.17 min Scan# 1569  
 Delta R.T. -0.01 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

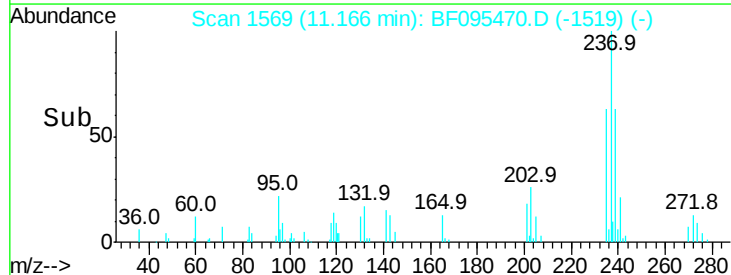
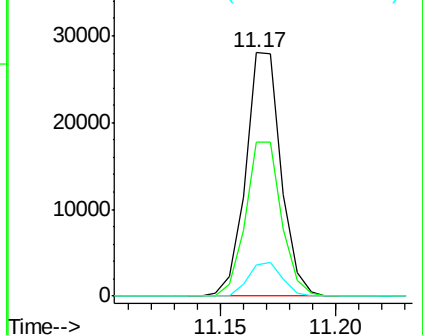
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 29986 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 63.0  | 42.6  | 82.6  |
| 272      | 12.7  | 0.0   | 31.9  |

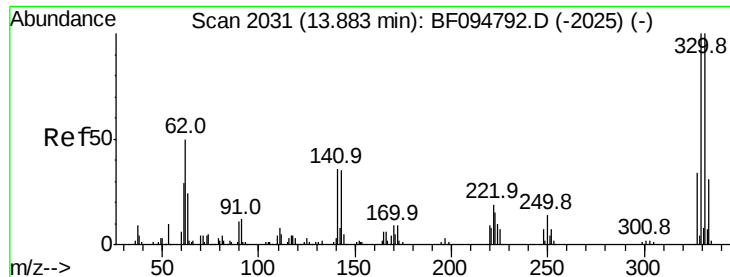


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

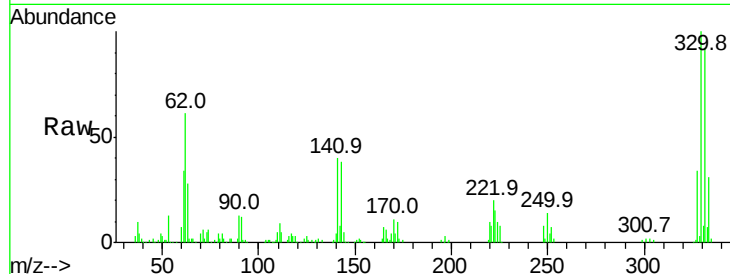
Ion 271.75 (271.45 to 272.45): E



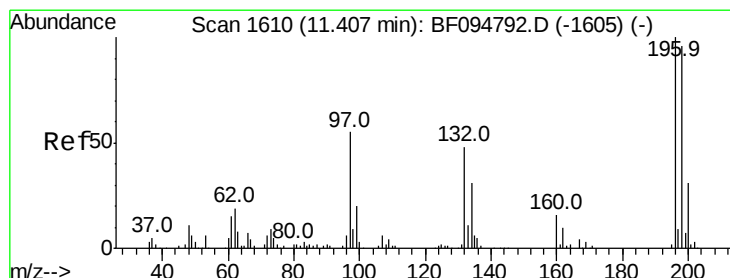
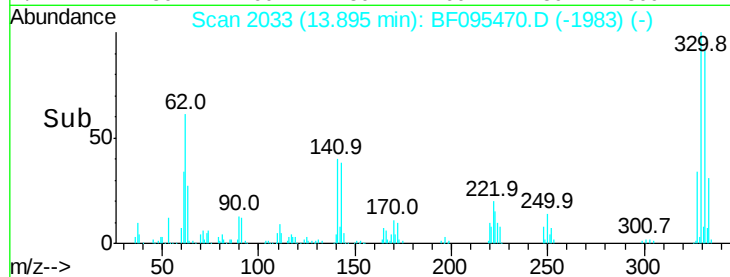
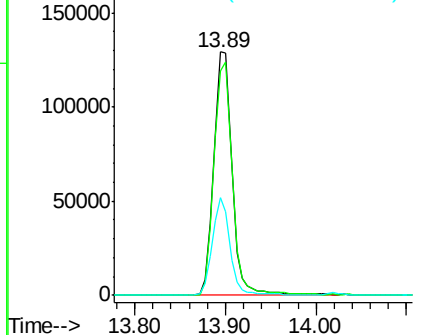


#41  
 2,4,6-Tribromophenol  
 Concen: 133.63 ng  
 RT: 13.89 min Scan# 2033  
 Delta R.T. -0.01 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.8  | 76.6  | 115.0 |
| 141     | 38.9  | 31.4  | 47.2  |

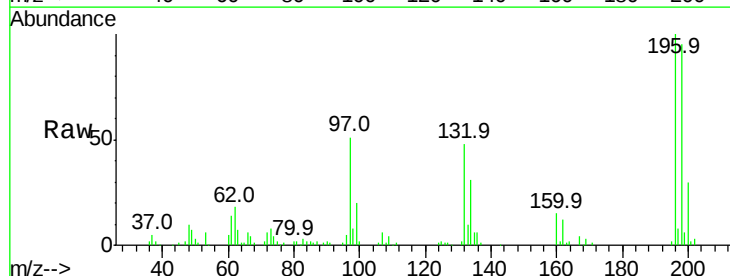


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

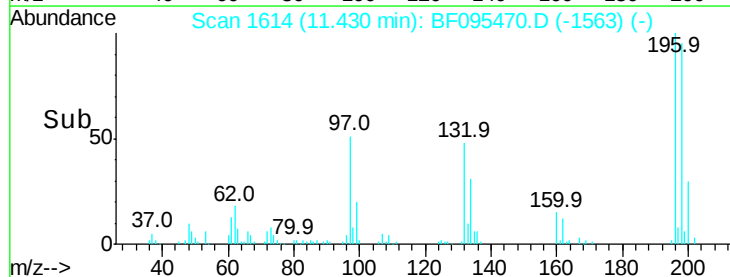
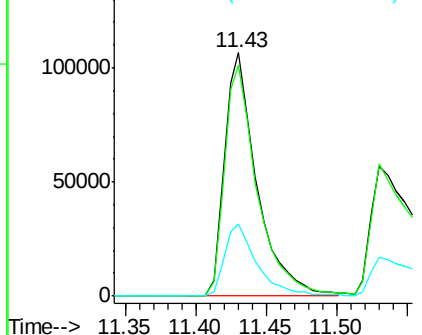


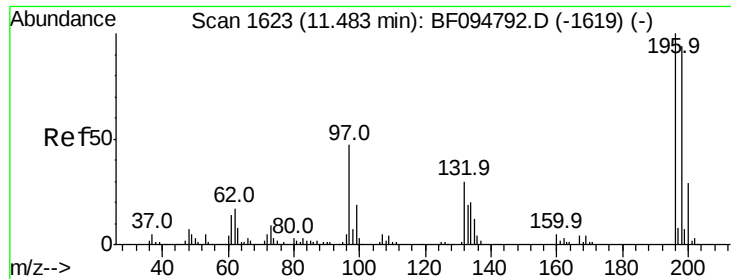
#42  
 2,4,6-Trichlorophenol  
 Concen: 49.55 ng  
 RT: 11.43 min Scan# 1614  
 Delta R.T. -0.00 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.8  | 74.2  | 111.4 |
| 200     | 29.8  | 24.0  | 36.0  |



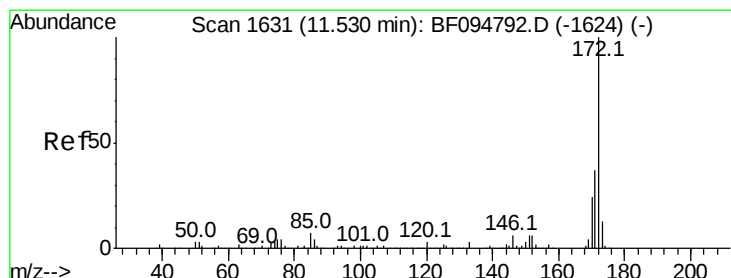
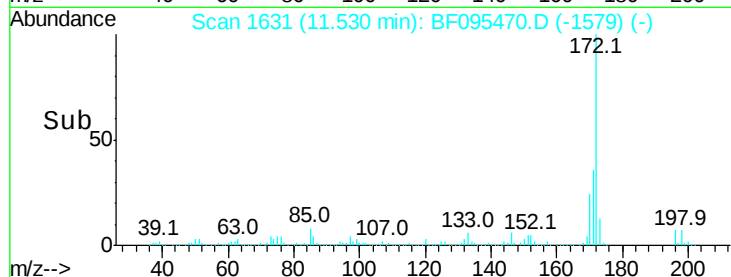
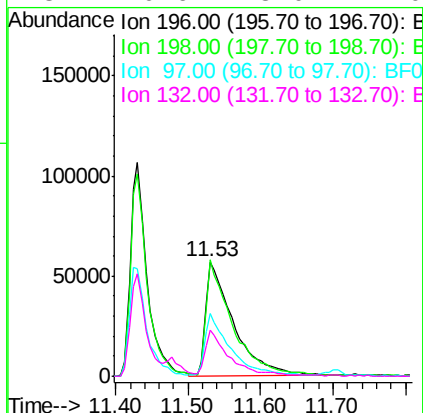
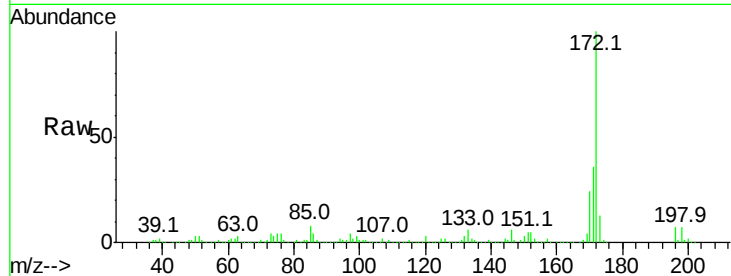
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





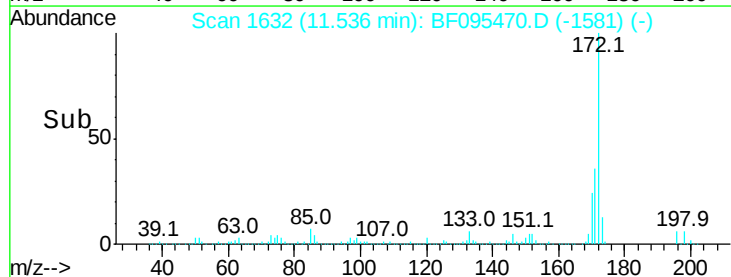
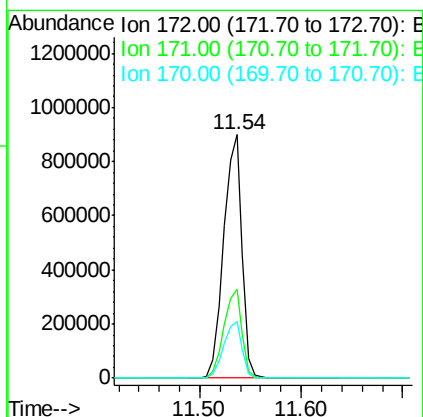
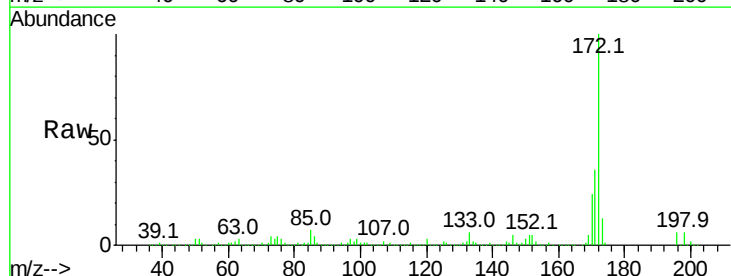
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.11 ng  
 RT: 11.53 min Scan# 1631  
 Delta R.T. 0.01 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

| Tot Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 101.7 | 75.7  | 113.5 |
| 97      | 55.0  | 47.7  | 71.5  |
| 132     | 40.6  | 28.0  | 42.0  |



#44  
 2-Fluorobiphenyl  
 Concen: 96.64 ng  
 RT: 11.54 min Scan# 1632  
 Delta R.T. -0.00 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 172     | 100  |       |       |
| 171     | 36.2 | 29.6  | 44.4  |
| 170     | 23.5 | 19.8  | 29.8  |





#45

1,1'-Biphenyl

Concen: 50.14 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

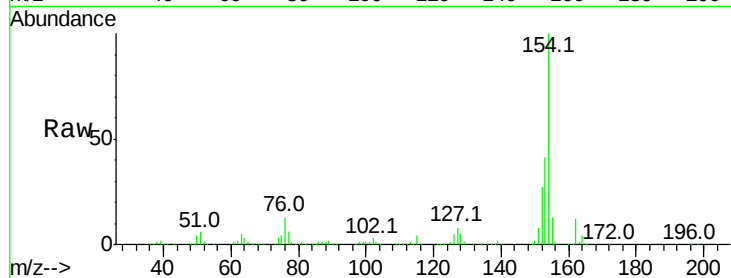
Tot Ion:154 Resp: 705703

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

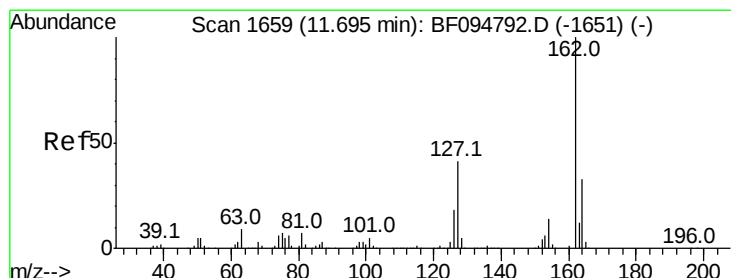
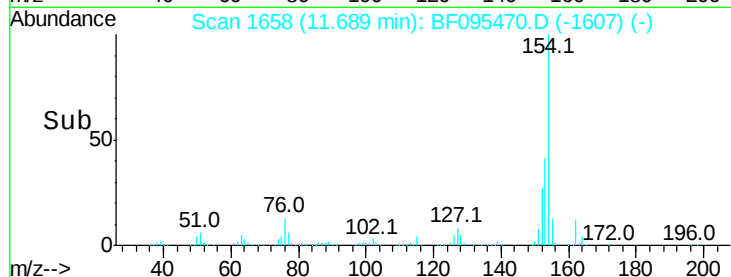
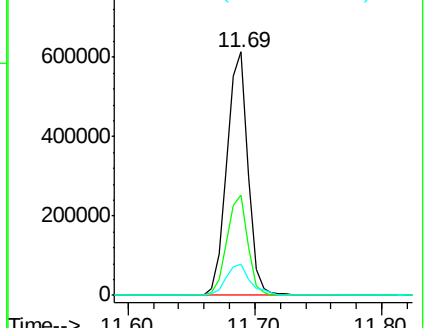
76 12.6 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.06 ng

RT: 11.71 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

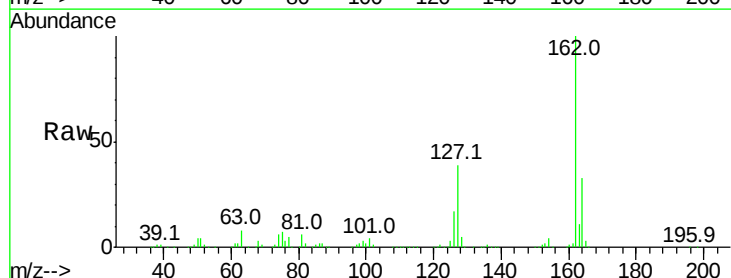
Tgt Ion:162 Resp: 546151

Ion Ratio Lower Upper

162 100

127 39.3 28.3 42.5

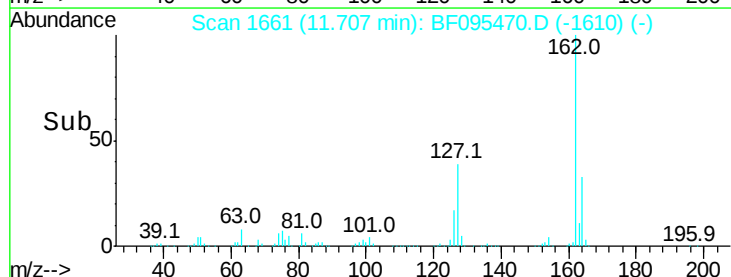
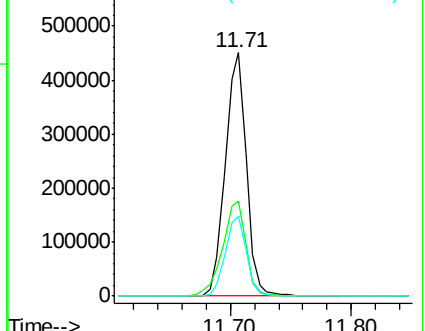
164 32.6 27.0 40.4

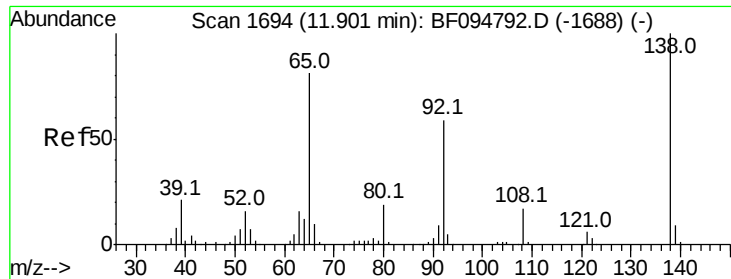


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

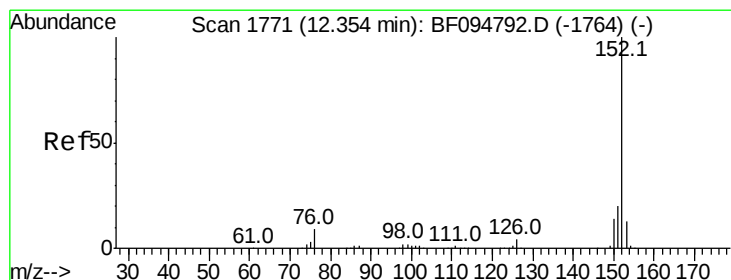
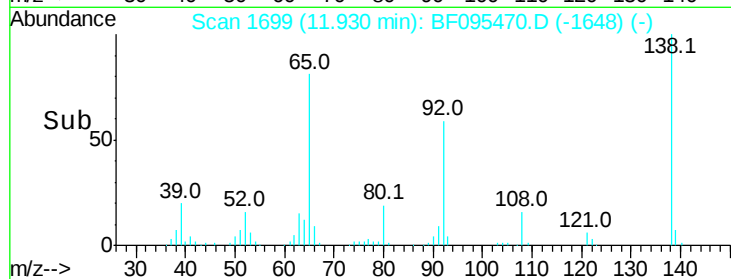
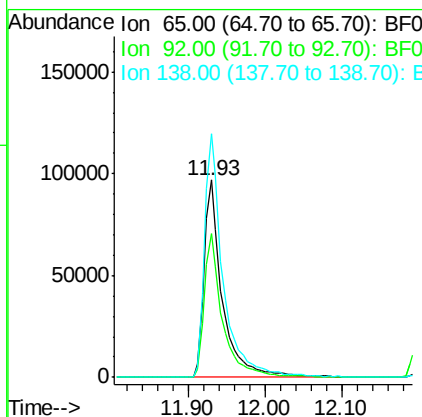
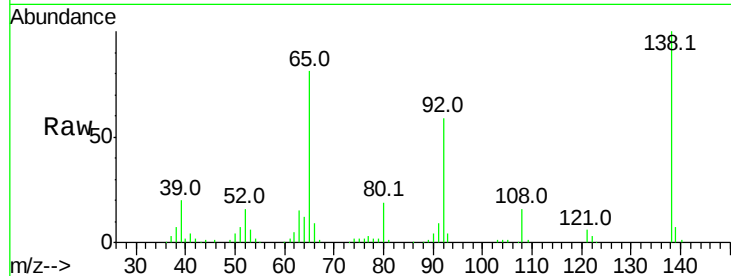
Ion 164.00 (163.70 to 164.70): E





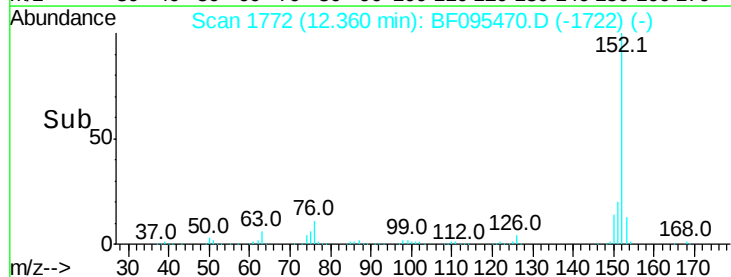
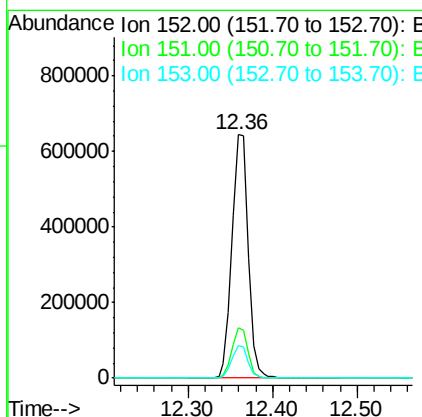
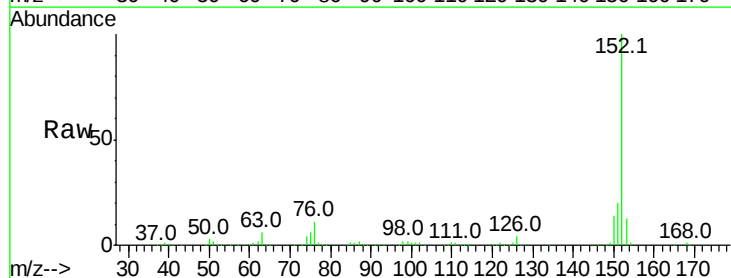
#47  
 2-Nitroaniline  
 Concen: 51.52 ng  
 RT: 11.93 min Scan# 1699  
 Delta R.T. -0.00 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

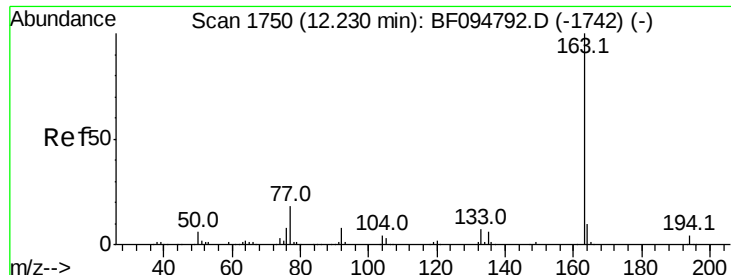
Tot Ion: 65 Resp: 160253  
 Ion Ratio Lower Upper  
 65 100  
 92 73.1 53.9 80.9  
 138 123.4 78.8 118.2#



#48  
 Acenaphthylene  
 Concen: 47.61 ng  
 RT: 12.36 min Scan# 1772  
 Delta R.T. -0.01 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

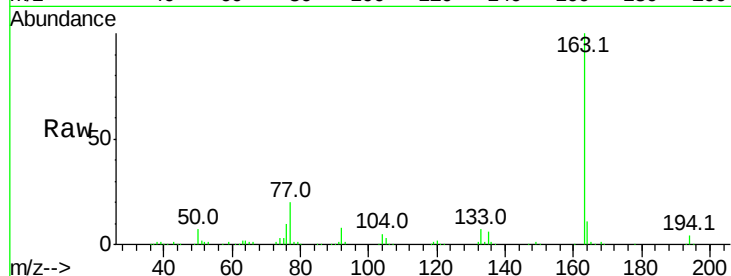
Tgt Ion: 152 Resp: 847514  
 Ion Ratio Lower Upper  
 152 100  
 151 20.4 16.8 25.2  
 153 13.5 10.8 16.2



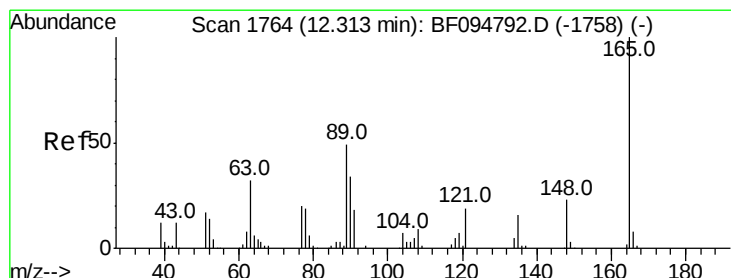
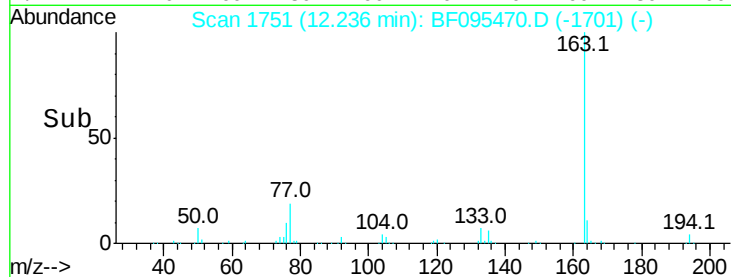
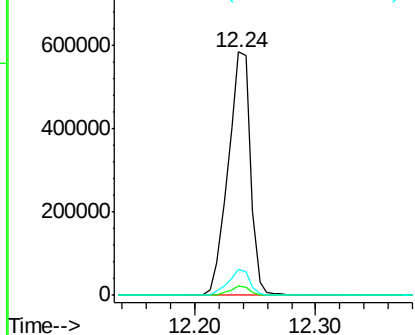


#49  
Dimethylphthalate  
Concen: 54.97 ng  
RT: 12.24 min Scan# 1751  
Delta R.T. -0.01 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

Tot Ion:163 Resp: 754336  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.6 4.0  
164 10.5 8.4 12.6

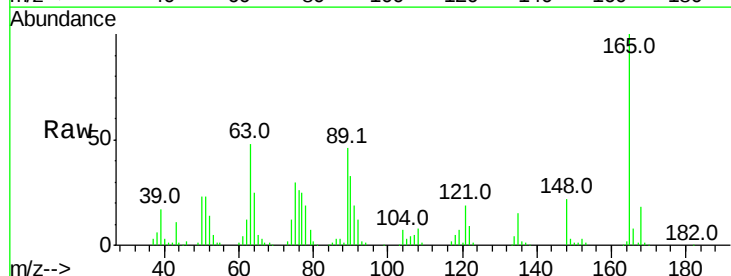


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

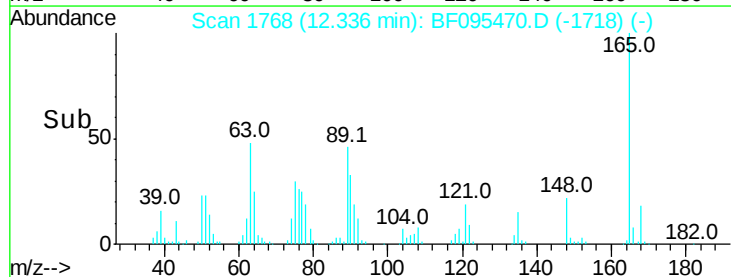
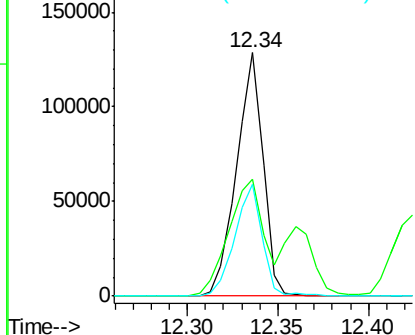


#50  
2,6-Dinitrotoluene  
Concen: 46.92 ng  
RT: 12.34 min Scan# 1768  
Delta R.T. -0.01 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

Tgt Ion:165 Resp: 131366  
Ion Ratio Lower Upper  
165 100  
63 47.8 34.3 51.5  
89 45.9 37.1 55.7



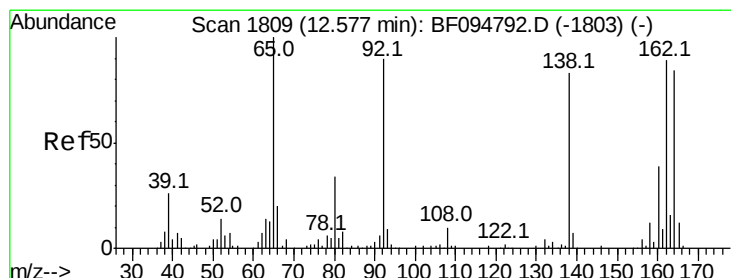
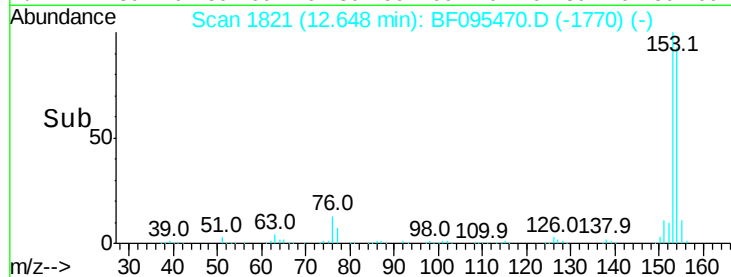
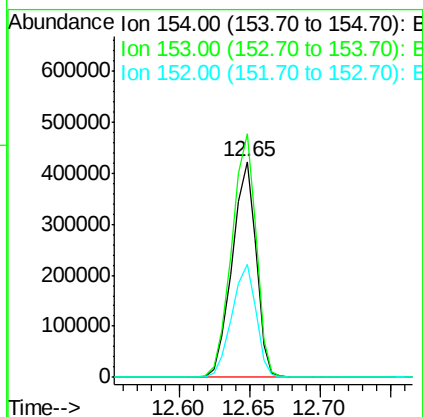
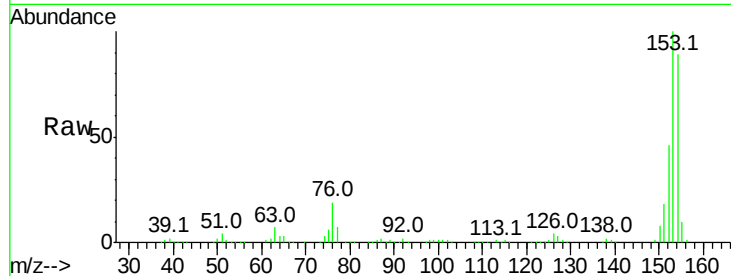
Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





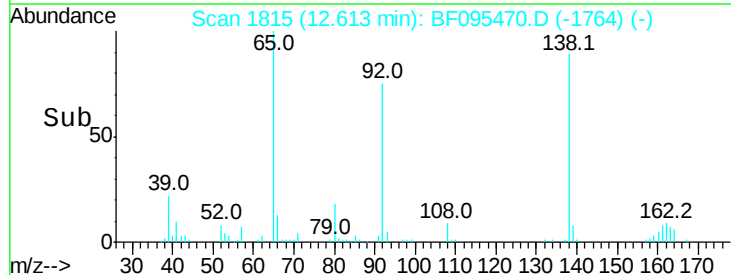
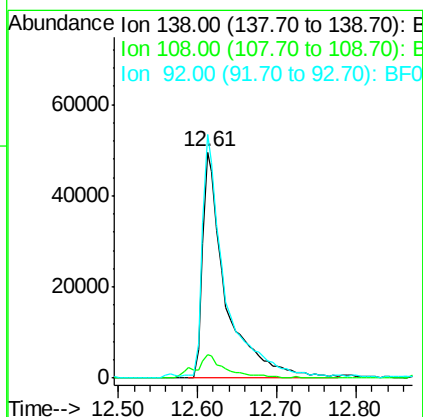
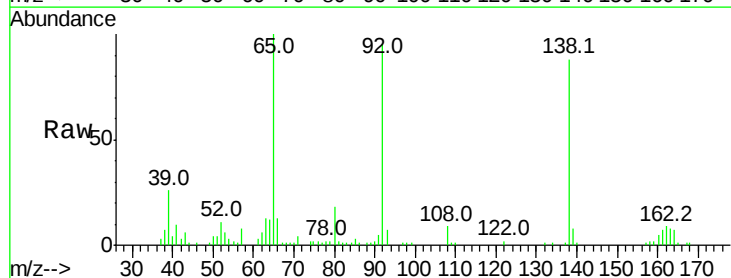
#51  
Acenaphthene  
Concen: 47.13 ng  
RT: 12.65 min Scan# 1821  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

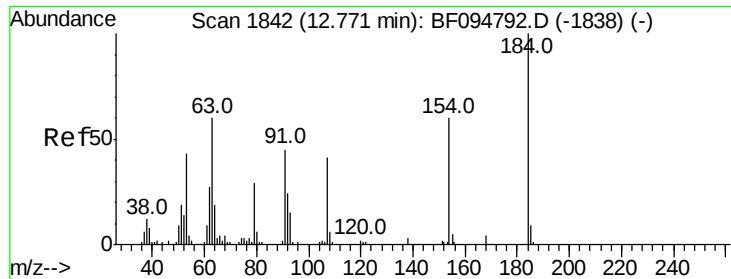
Tot Ion:154 Resp: 501010  
Ion Ratio Lower Upper  
154 100  
153 112.8 90.5 135.7  
152 52.4 43.6 65.4



#52  
3-Nitroaniline  
Concen: 33.78 ng  
RT: 12.61 min Scan# 1815  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

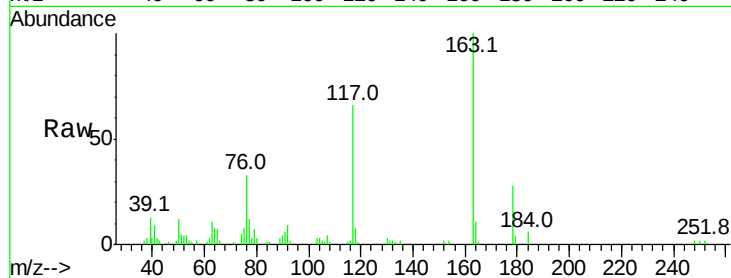
Tgt Ion:138 Resp: 101497  
Ion Ratio Lower Upper  
138 100  
108 10.6 9.1 13.7  
92 107.8 93.8 140.6



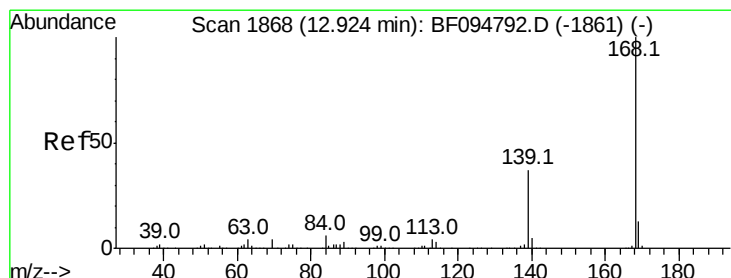
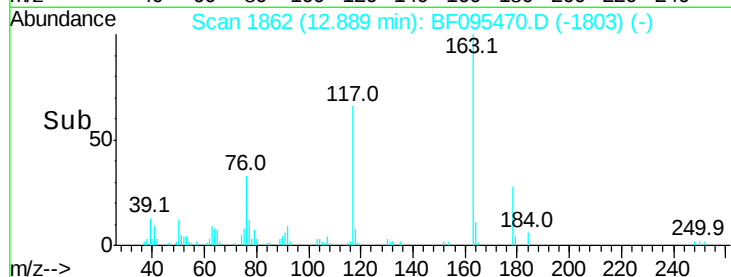
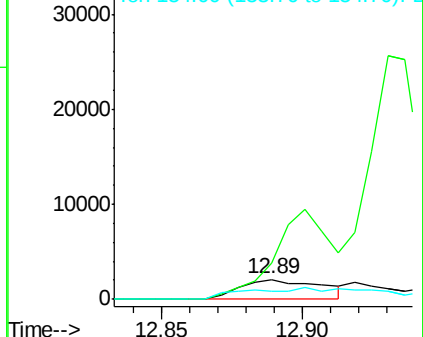


#53  
2,4-Dinitrophenol  
Concen: 8.74 ng  
RT: 12.89 min Scan# 1862  
Delta R.T. 0.05 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

Tot Ion:184 Resp: 4169  
Ion Ratio Lower Upper  
184 100  
63 184.0 62.7 94.1#  
154 43.0 81.1 121.7#

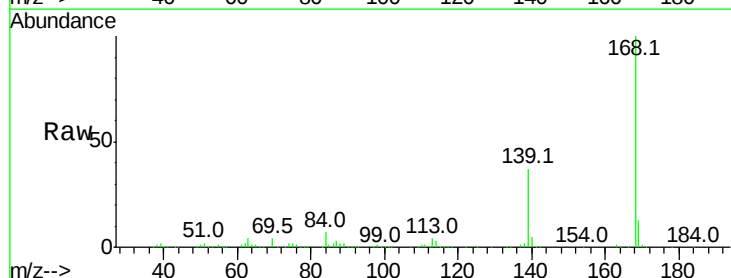


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

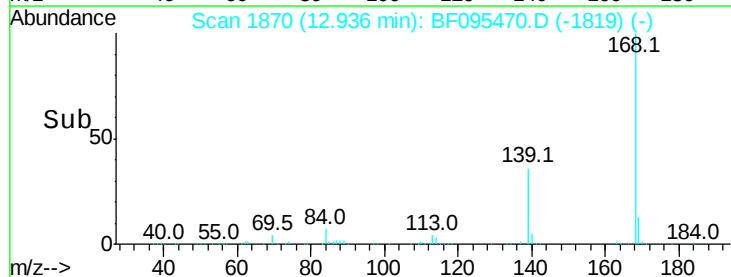
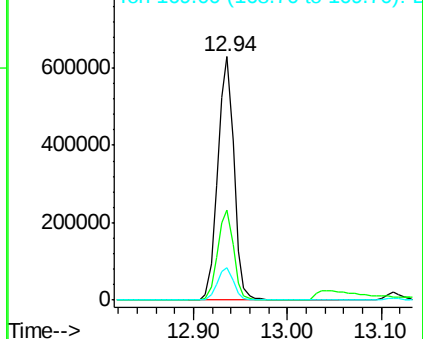


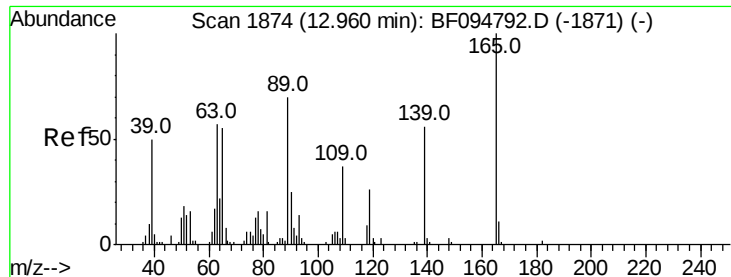
#54  
Dibenzofuran  
Concen: 51.83 ng  
RT: 12.94 min Scan# 1870  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

Tgt Ion:168 Resp: 762554  
Ion Ratio Lower Upper  
168 100  
139 36.8 30.6 45.8  
169 13.5 10.8 16.2



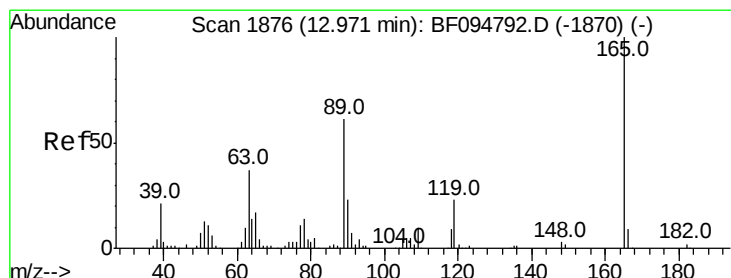
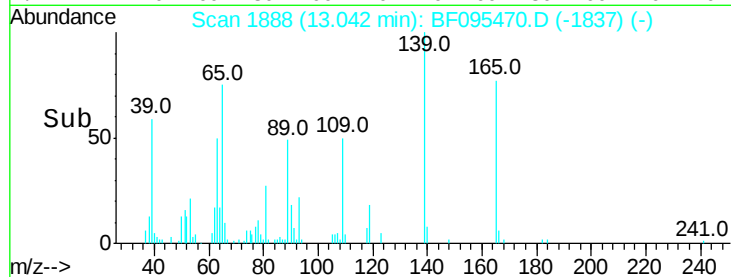
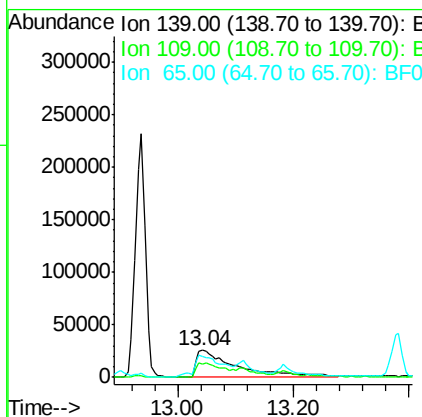
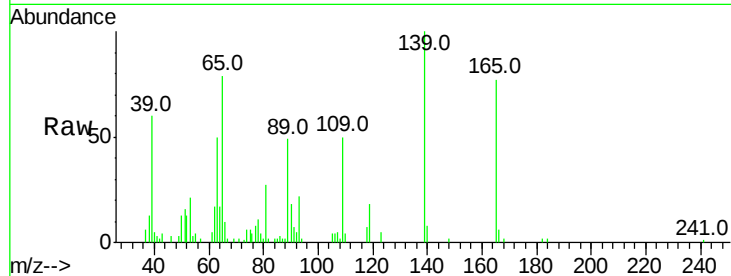
Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





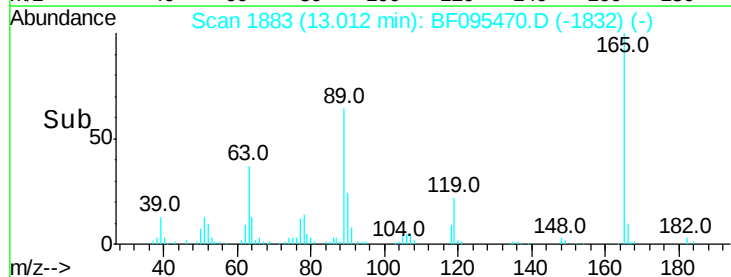
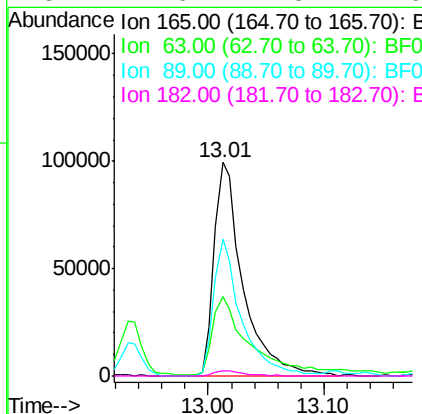
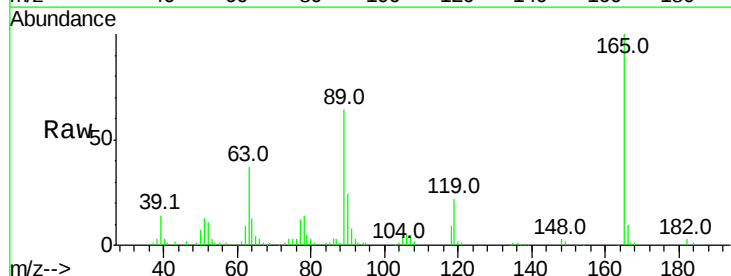
#55  
4-Nitrophenol  
Concen: 71.83 ng  
RT: 13.04 min Scan# 1888  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

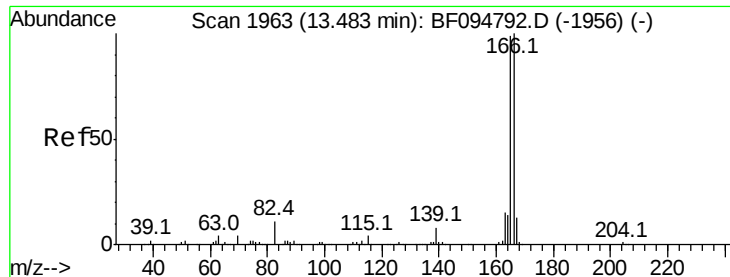
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 50.0  | 34.1  | 74.1  |
| 65      | 78.8  | 31.4  | 71.4# |



#56  
2,4-Dinitrotoluene  
Concen: 47.94 ng  
RT: 13.01 min Scan# 1883  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

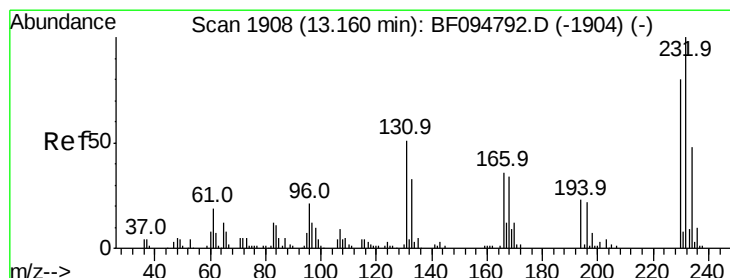
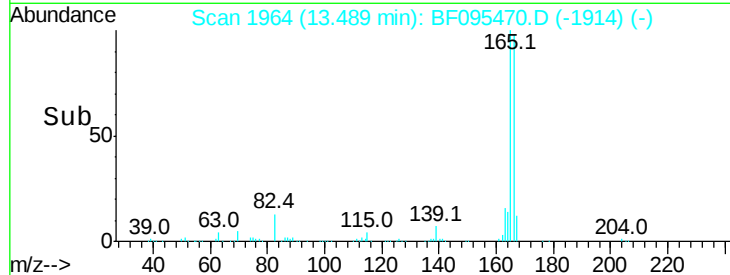
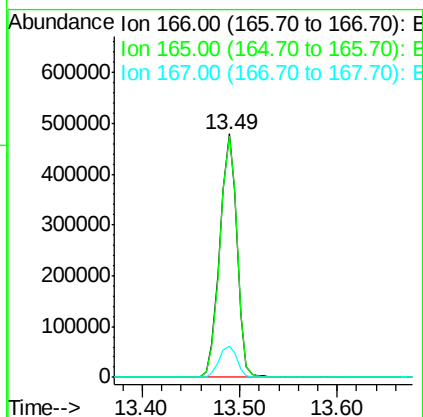
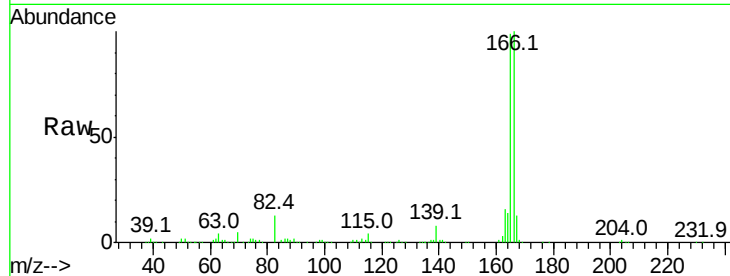
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 37.2  | 25.4  | 38.0  |
| 89      | 64.4  | 46.4  | 69.6  |
| 182     | 2.6   | 1.8   | 2.6#  |





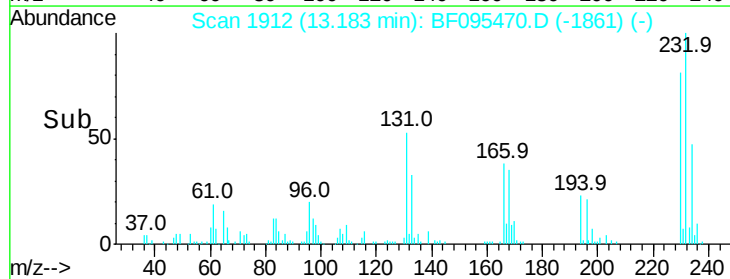
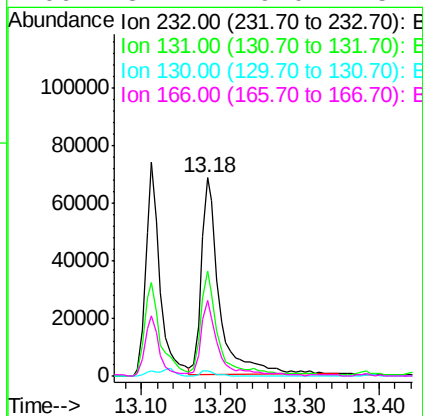
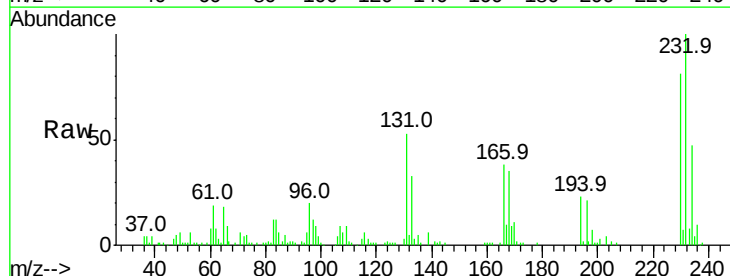
#57  
 Fluorene  
 Concen: 45.66 ng  
 RT: 13.49 min Scan# 1964  
 Delta R.T. -0.01 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

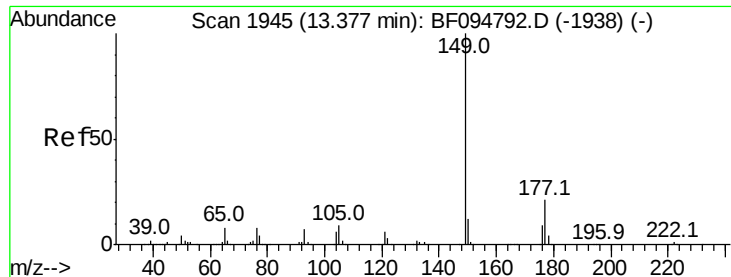
|     |         |       |        |
|-----|---------|-------|--------|
| Tot | Ion:166 | Resp: | 584109 |
| Ion | Ratio   | Lower | Upper  |
| 166 | 100     |       |        |
| 165 | 99.2    | 78.8  | 118.2  |
| 167 | 13.0    | 10.6  | 16.0   |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.79 ng  
 RT: 13.18 min Scan# 1912  
 Delta R.T. -0.00 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

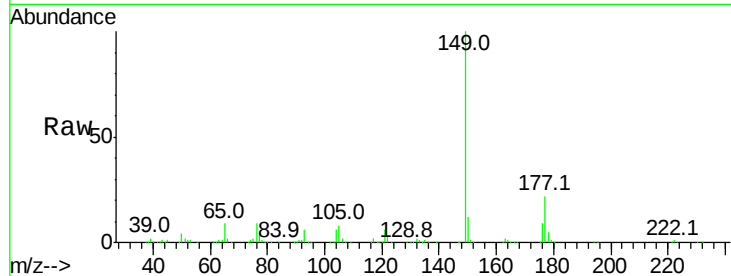
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:232 | Resp: | 110952 |
| Ion | Ratio   | Lower | Upper  |
| 232 | 100     |       |        |
| 131 | 48.3    | 44.8  | 67.2   |
| 130 | 2.2     | 2.3   | 3.5#   |
| 166 | 37.2    | 29.0  | 43.4   |



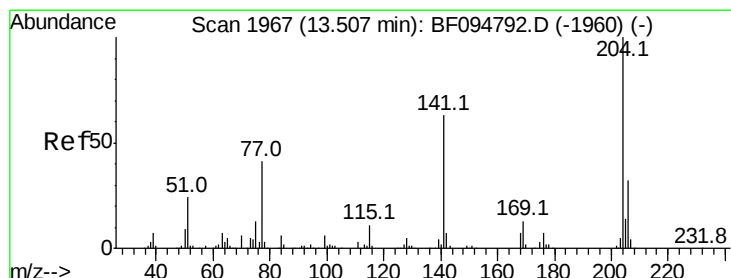
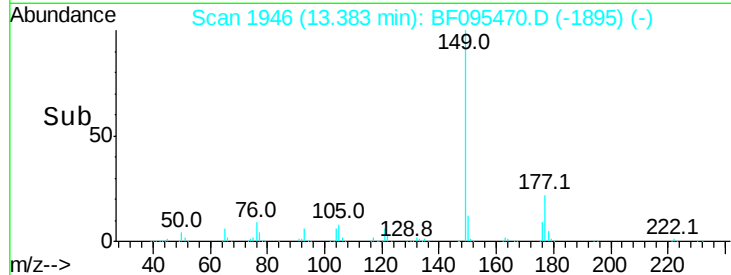
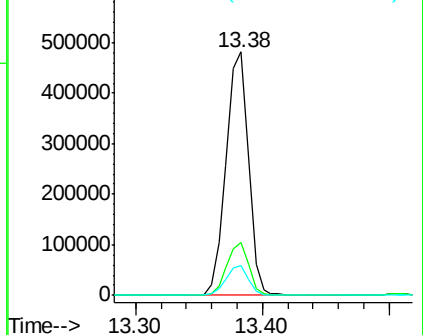


#59  
Diethylphthalate  
Concen: 44.91 ng  
RT: 13.38 min Scan# 1946  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.9  | 16.7  | 25.1  |
| 150     | 12.0  | 10.2  | 15.2  |

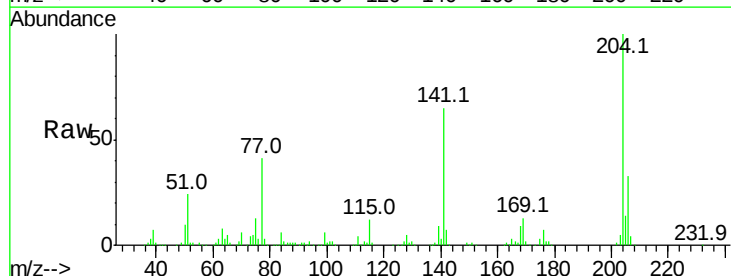


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

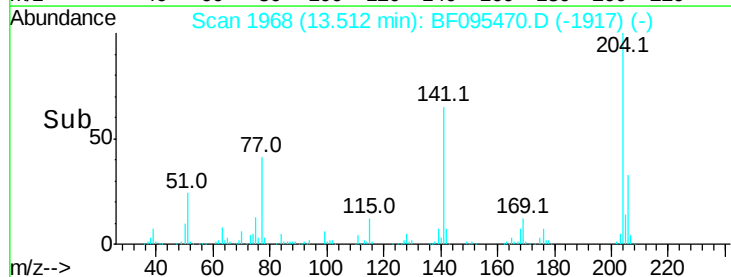
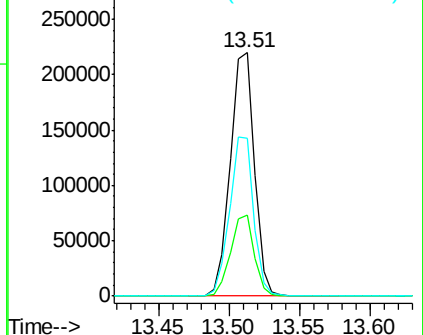


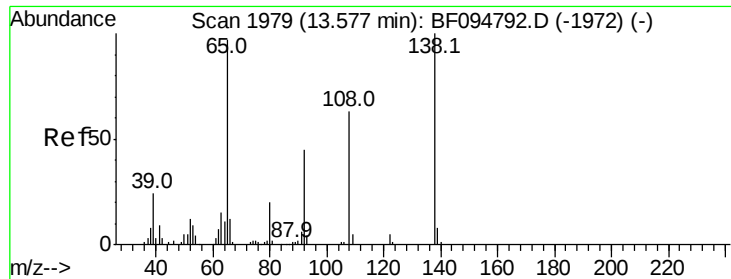
#60  
4-Chlorophenyl-phenylether  
Concen: 46.63 ng  
RT: 13.51 min Scan# 1968  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.4  | 26.2  | 39.2  |
| 141     | 65.1  | 60.8  | 91.2  |



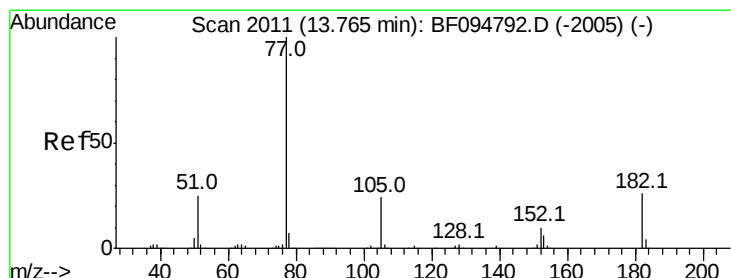
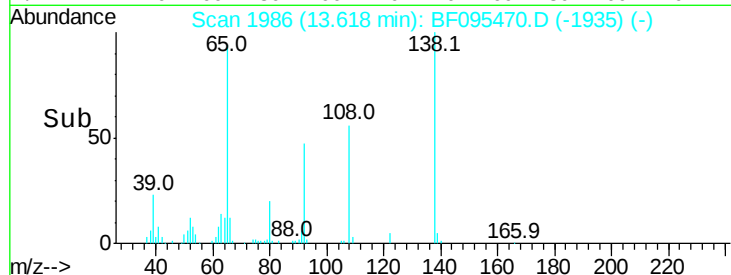
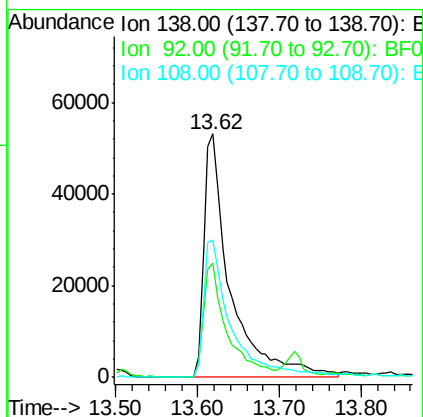
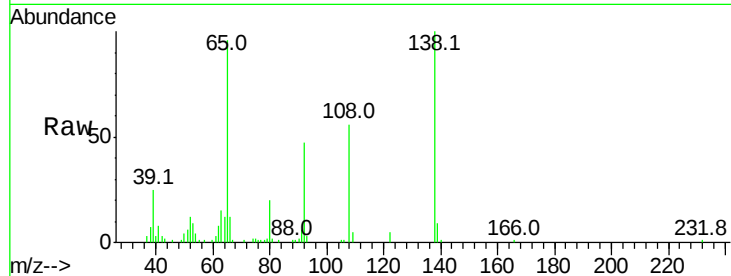
Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





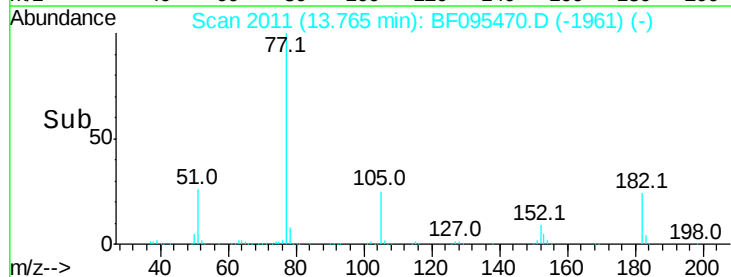
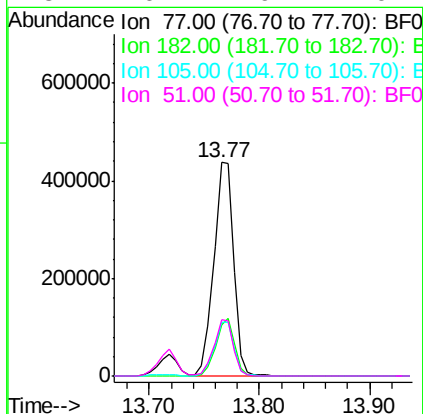
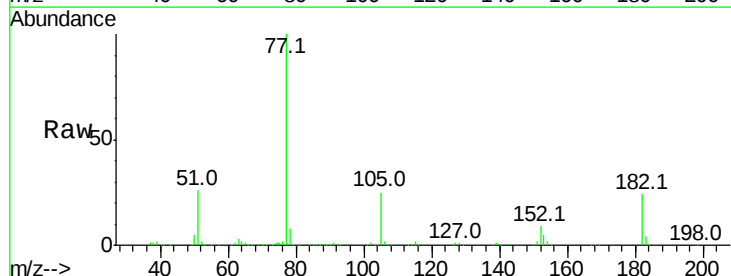
#61  
4-Nitroaniline  
Concen: 43.04 ng  
RT: 13.62 min Scan# 1986  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

Tot Ion:138 Resp: 118717  
Ion Ratio Lower Upper  
138 100  
92 47.2 21.8 61.8  
108 56.4 42.3 82.3



#62  
Azobenzene  
Concen: 51.43 ng  
RT: 13.77 min Scan# 2011  
Delta R.T. -0.01 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

Tgt Ion: 77 Resp: 543608  
Ion Ratio Lower Upper  
77 100  
182 23.9 0.1 40.1  
105 25.0 3.6 43.6  
51 26.1 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.99 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

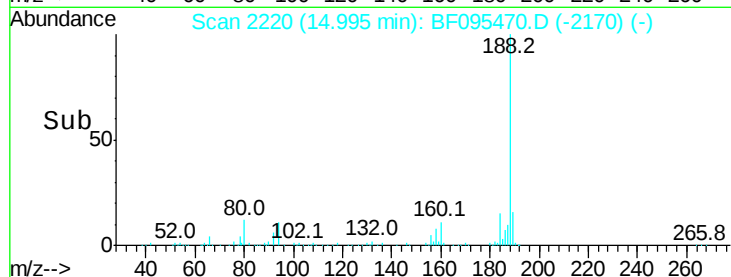
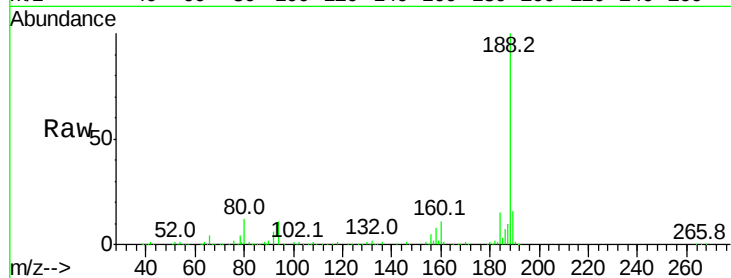
Tot Ion:188 Resp: 250890

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

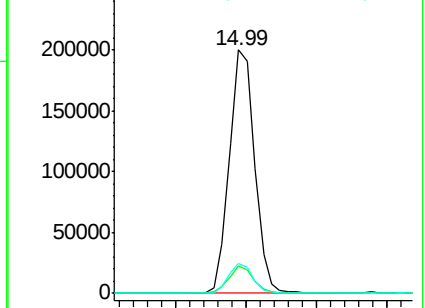
80 12.2 10.2 15.2



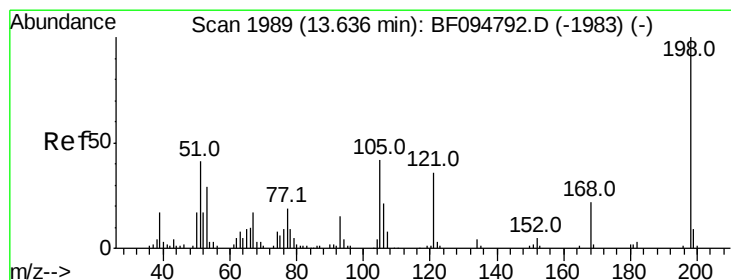
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 5.98 ng

RT: 13.71 min Scan# 2001

Delta R.T. 0.02 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

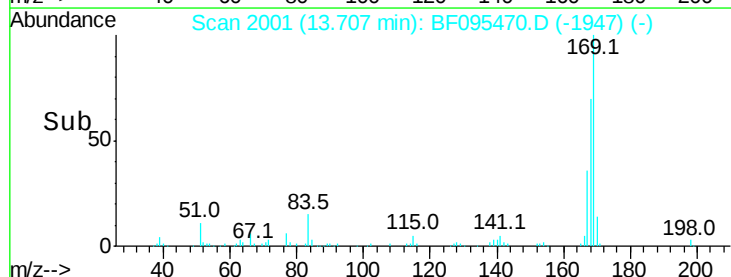
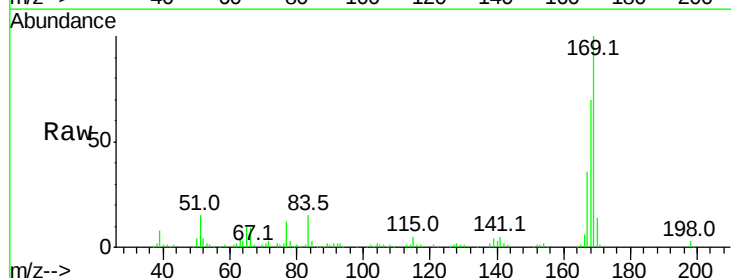
Tgt Ion:198 Resp: 10050

Ion Ratio Lower Upper

198 100

51 495.0 53.2 93.2#

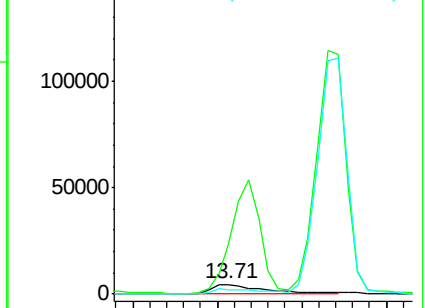
105 47.7 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#65

n-Nitrosodiphenylamine

Concen: 56.45 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

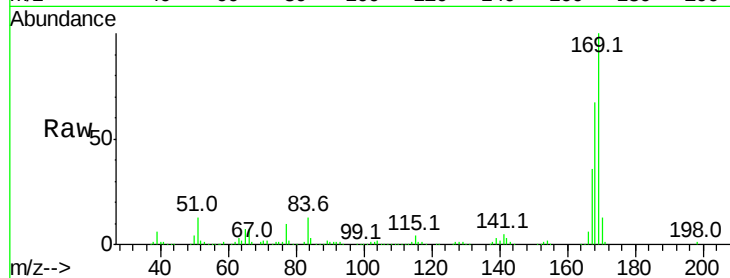
Tot Ion:169 Resp: 514052

Ion Ratio Lower Upper

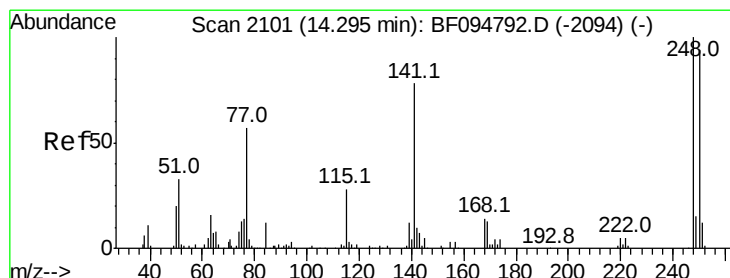
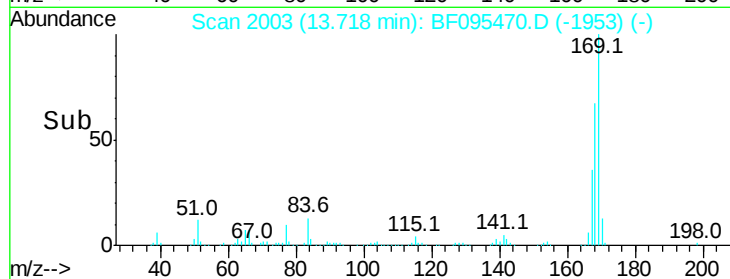
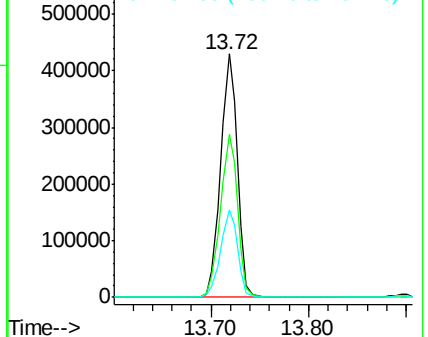
169 100

168 67.2 53.2 79.8

167 35.7 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 53.87 ng

RT: 14.29 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

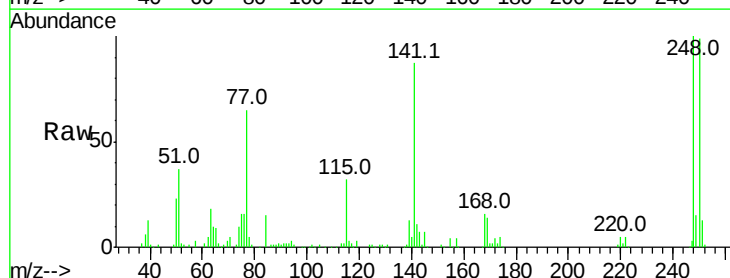
Tgt Ion:248 Resp: 142790

Ion Ratio Lower Upper

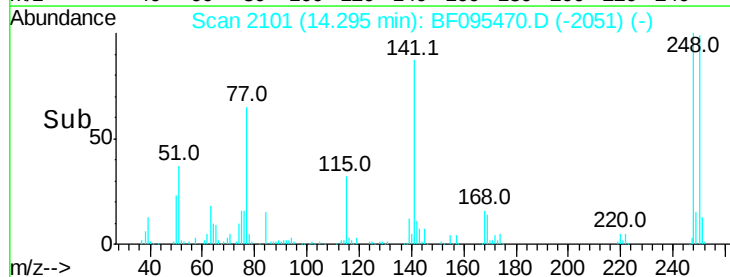
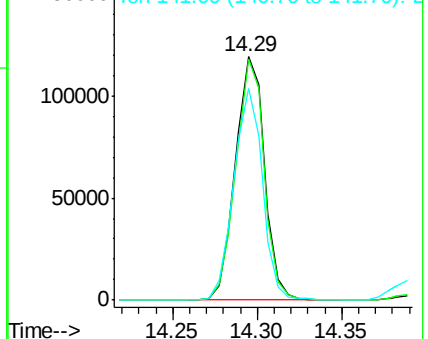
248 100

250 98.7 76.8 115.2

141 87.1 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 50.69 ng

RT: 14.39 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

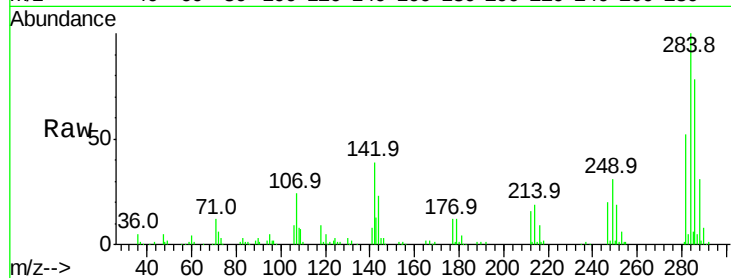
Tot Ion:284 Resp: 137689

Ion Ratio Lower Upper

284 100

142 39.5 22.8 34.2#

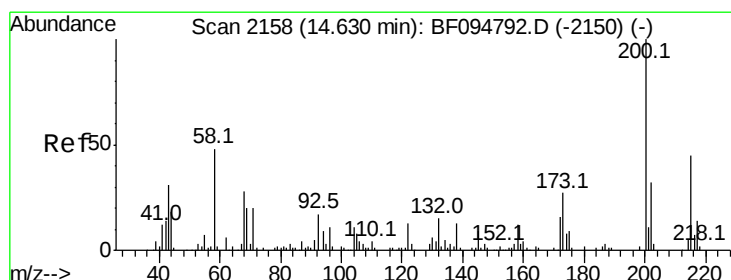
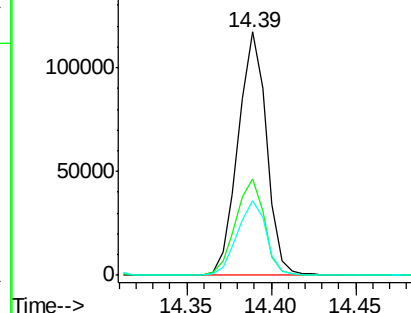
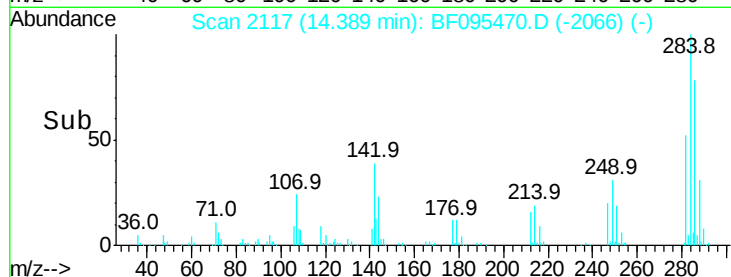
249 30.6 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 53.61 ng

RT: 14.64 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

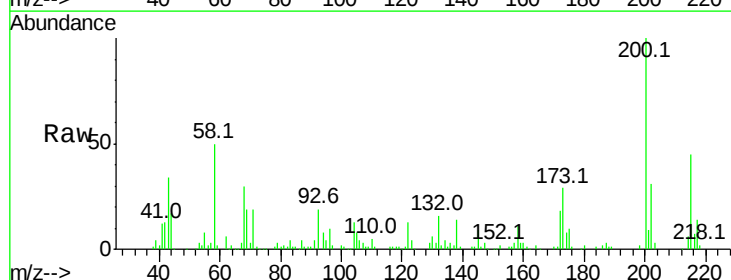
Tgt Ion:200 Resp: 137826

Ion Ratio Lower Upper

200 100

173 29.2 6.3 46.3

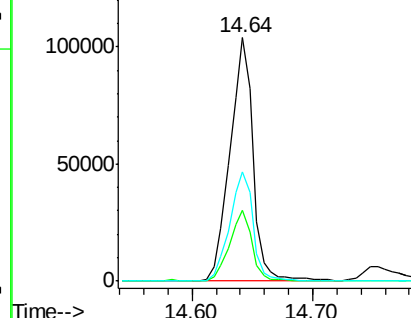
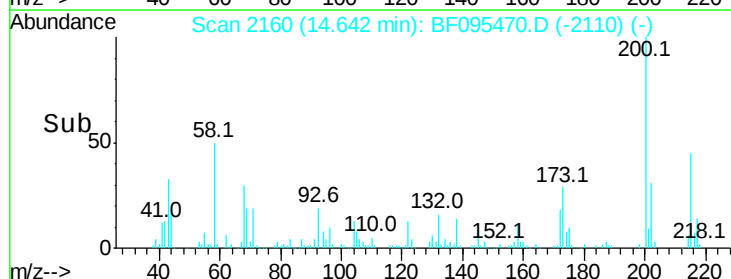
215 45.0 27.2 67.2

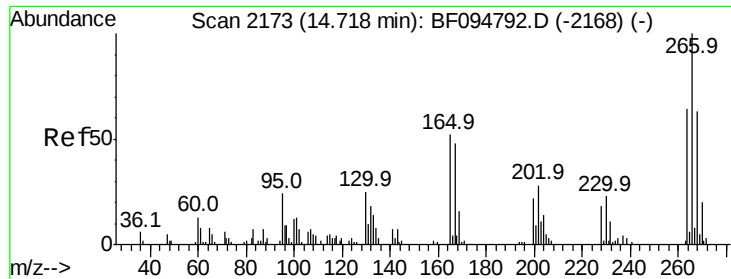


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

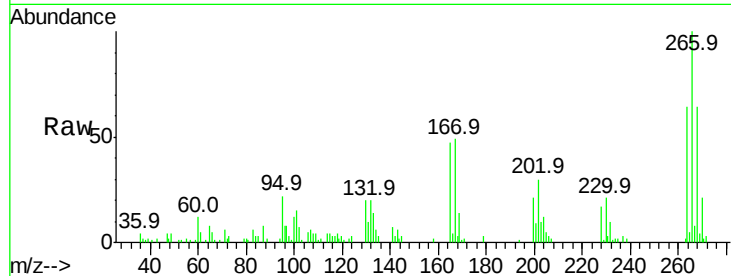
Ion 215.00 (214.70 to 215.70): E



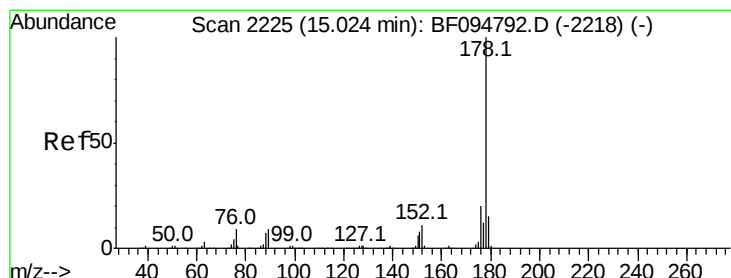
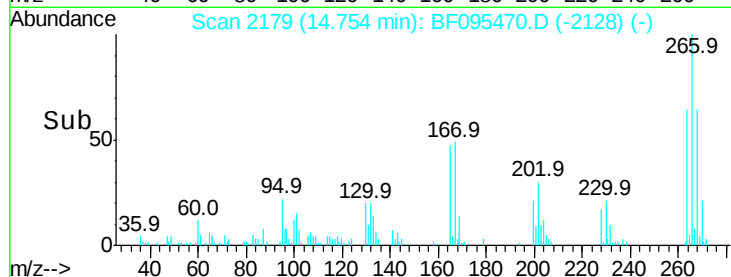
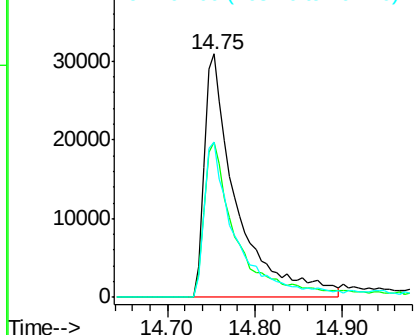


#69  
 Pentachlorophenol  
 Concen: 65.54 ng  
 RT: 14.75 min Scan# 2179  
 Delta R.T. -0.00 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.9  | 51.1  | 76.7  |
| 264     | 63.5  | 51.7  | 77.5  |

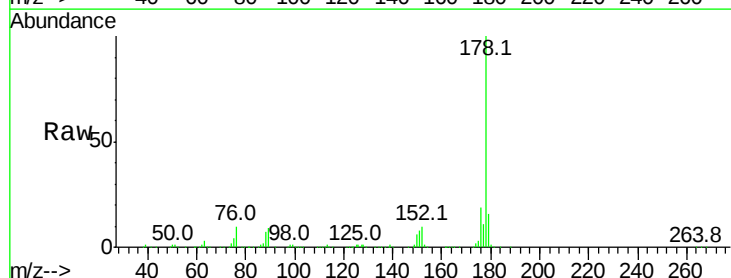


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

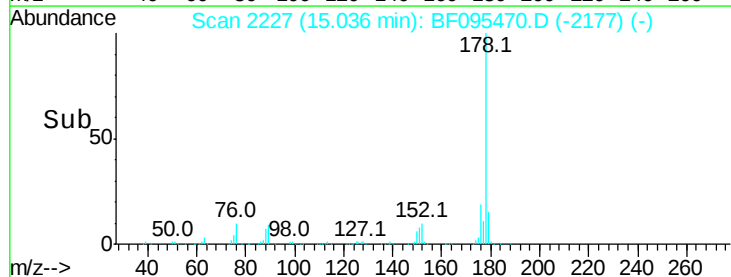
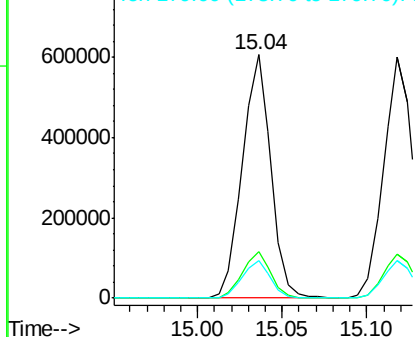


#70  
 Phenanthrene  
 Concen: 49.43 ng  
 RT: 15.04 min Scan# 2227  
 Delta R.T. -0.01 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 16.2  | 24.4  |
| 179     | 15.6  | 12.6  | 19.0  |



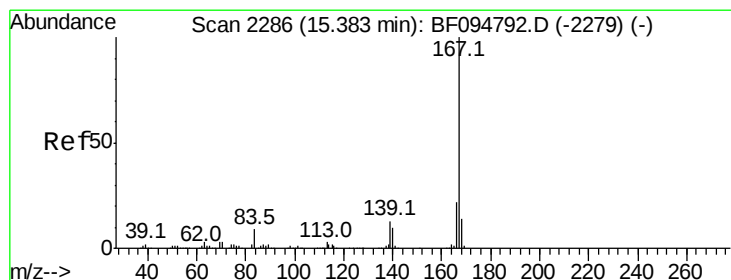
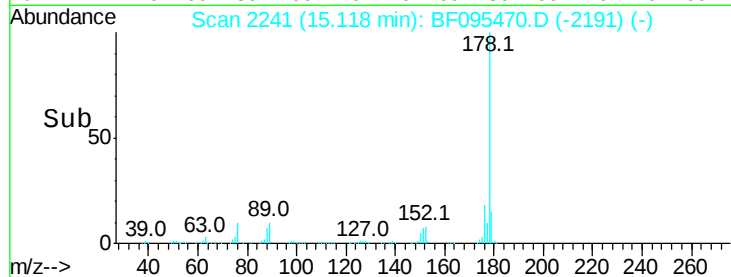
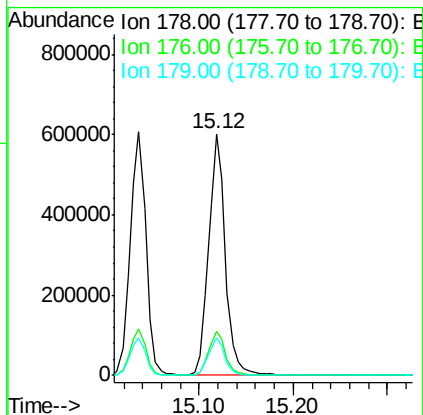
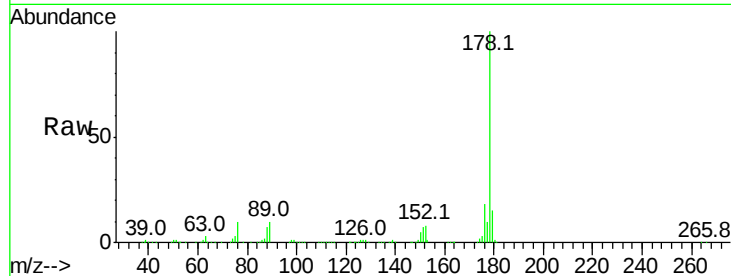
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





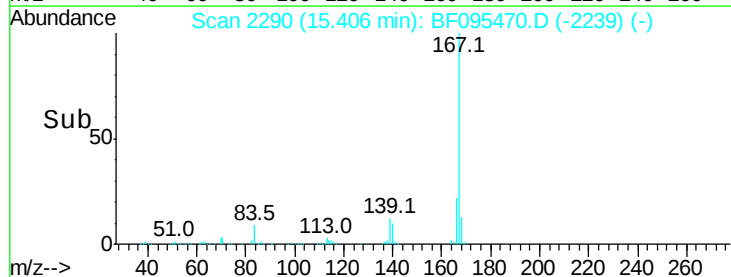
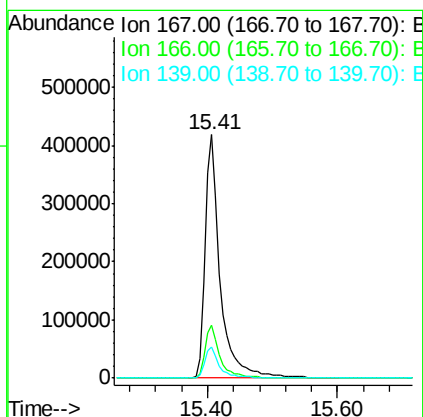
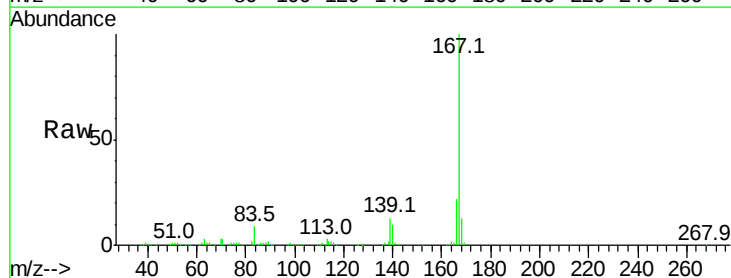
#71  
 Anthracene  
 Concen: 51.14 ng  
 RT: 15.12 min Scan# 2241  
 Delta R.T. -0.01 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.2  | 15.8  | 23.8  |
| 179     | 15.3  | 12.7  | 19.1  |



#72  
 Carbazole  
 Concen: 50.20 ng  
 RT: 15.41 min Scan# 2290  
 Delta R.T. -0.00 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.6  | 18.1  | 27.1  |
| 139     | 12.7  | 11.7  | 17.5  |





#73

Di-n-butylphthalate

Concen: 52.63 ng

RT: 15.96 min Scan# 2384

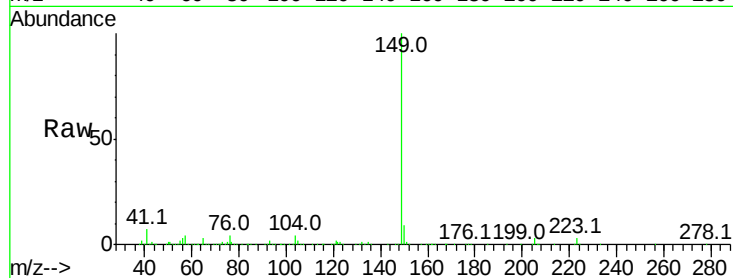
Delta R.T. -0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

Tot Ion:149 Resp: 879309

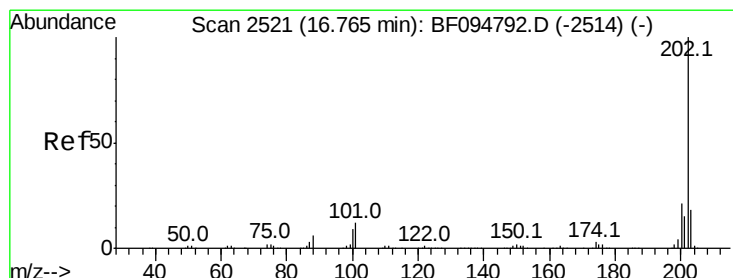
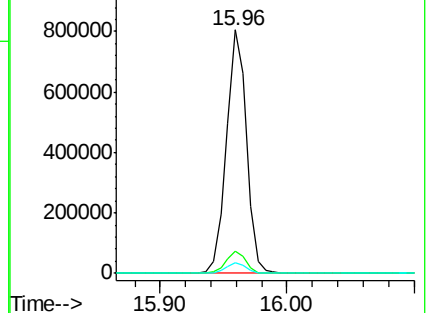
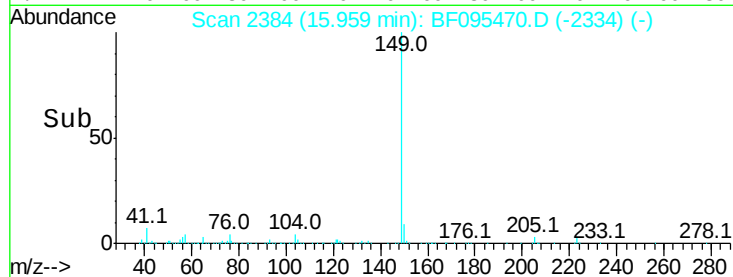
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.1   | 7.7   | 11.5  |
| 104 | 4.1   | 4.0   | 6.0   |



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.96 ng

RT: 16.78 min Scan# 2524

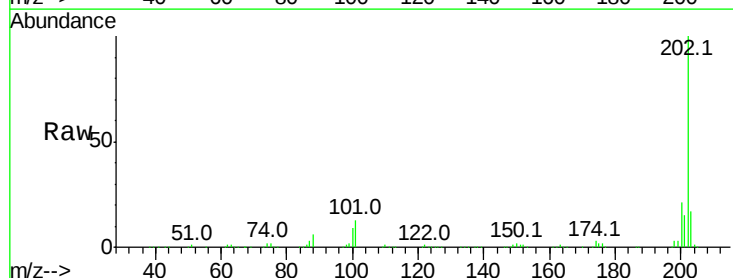
Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

Tgt Ion:202 Resp: 664820

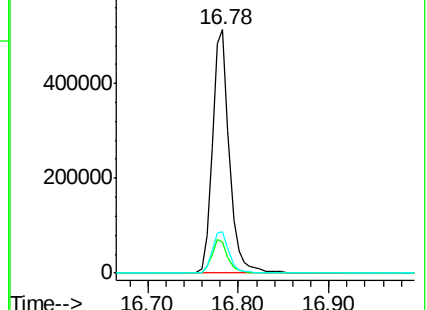
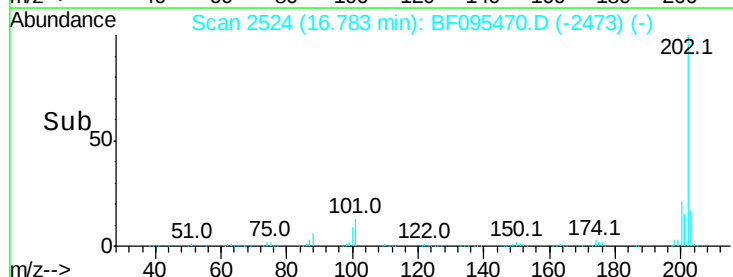
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 13.0  | 0.0   | 33.2  |
| 203 | 17.1  | 0.0   | 38.1  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

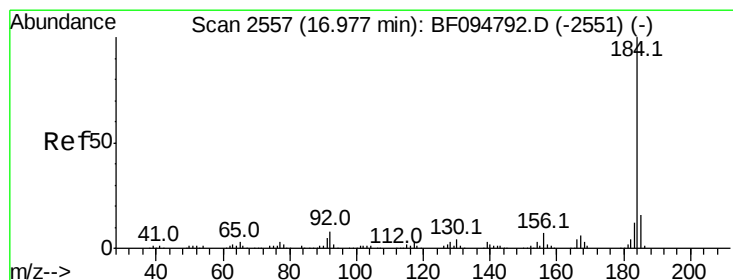
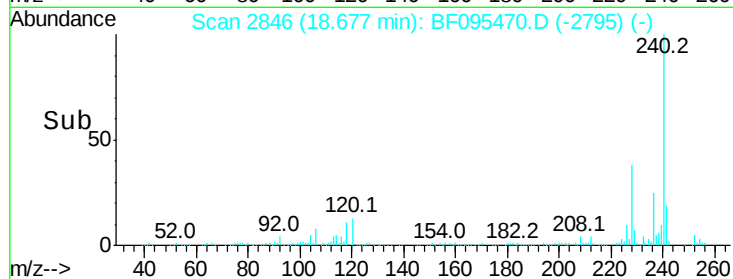
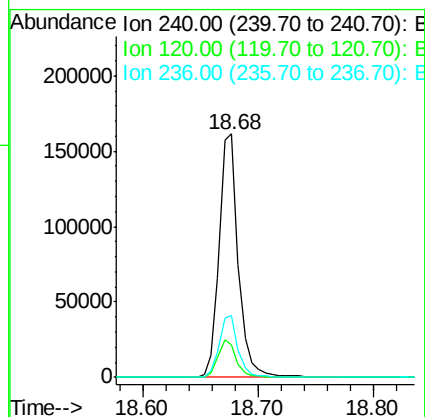
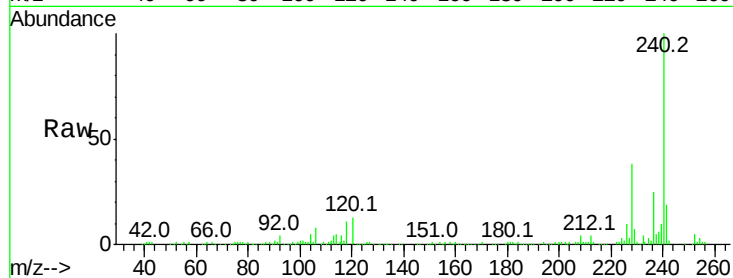
Ion 203.00 (202.70 to 203.70): E





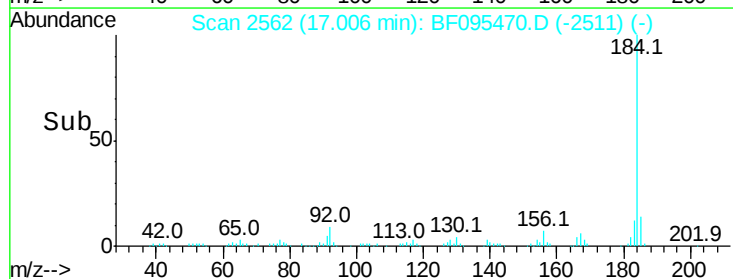
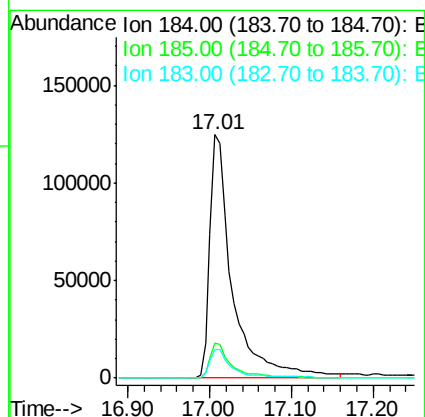
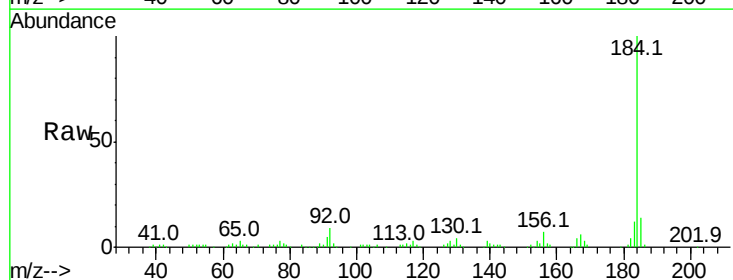
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 18.68 min Scan# 2846  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

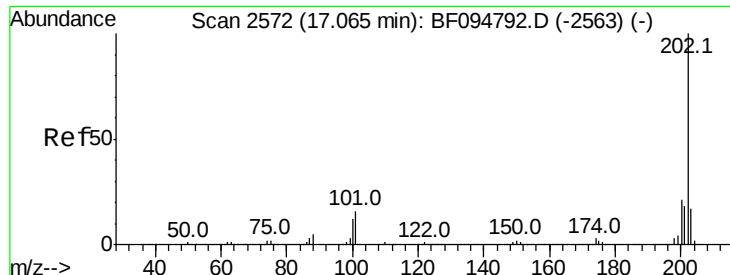
Tot Ion:240 Resp: 186990  
Ion Ratio Lower Upper  
240 100  
120 13.2 5.8 8.8#  
236 25.4 20.5 30.7



#76  
Benzidine  
Concen: 47.62 ng  
RT: 17.01 min Scan# 2562  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

Tgt Ion:184 Resp: 240521  
Ion Ratio Lower Upper  
184 100  
185 14.4 15.5 23.3#  
183 11.6 9.8 14.6





#77

Pvrene

Concen: 46.62 ng

RT: 17.08 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

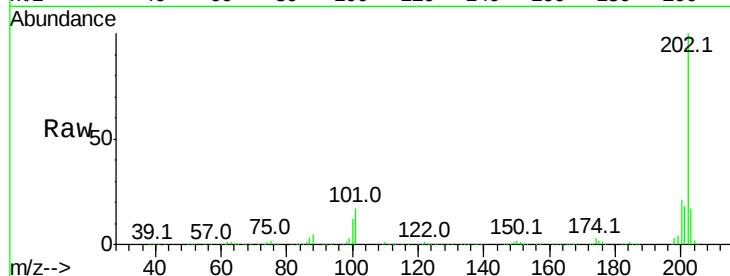
Tot Ion:202 Resp: 651942

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

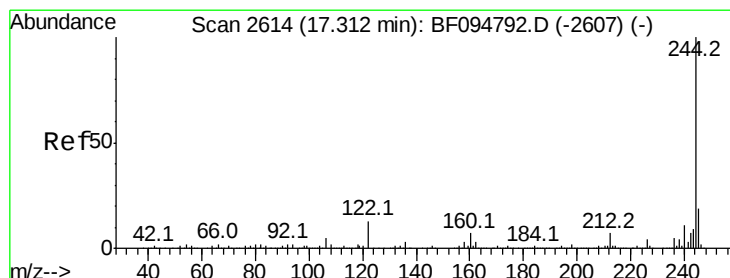
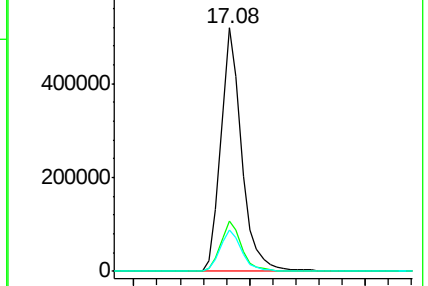
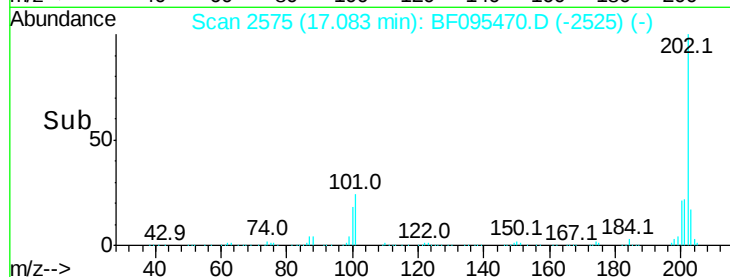
203 17.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.19 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

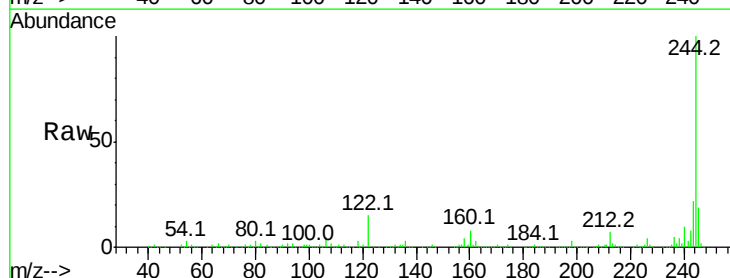
Tgt Ion:244 Resp: 731729

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

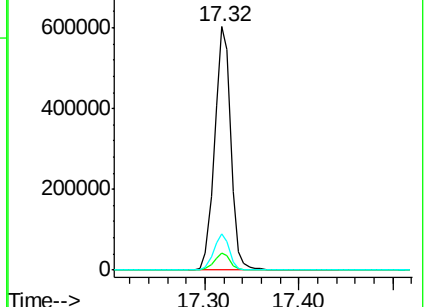
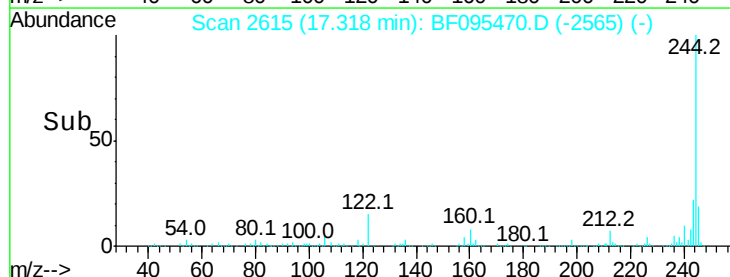
122 14.7 10.3 15.5

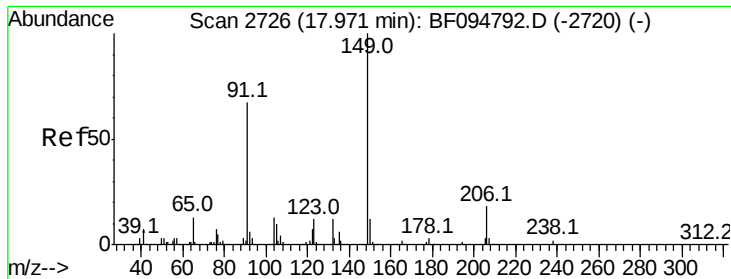


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

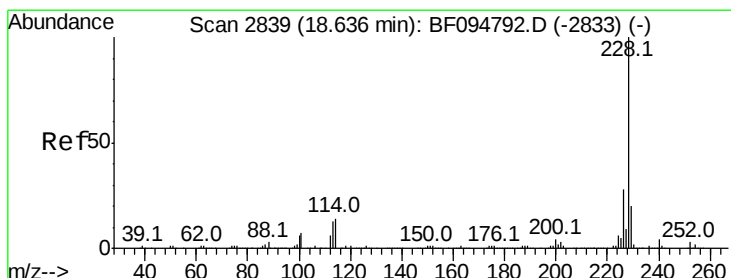
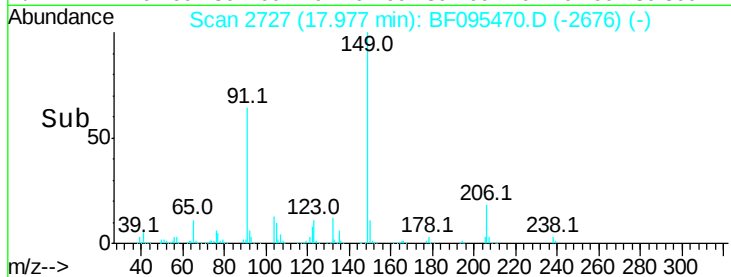
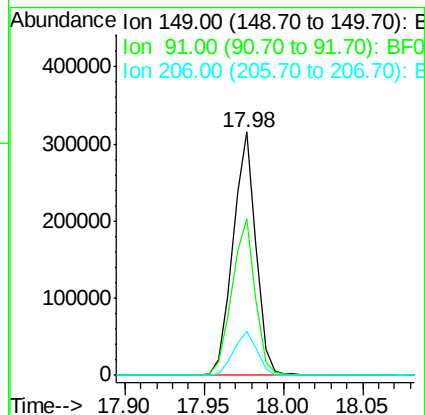
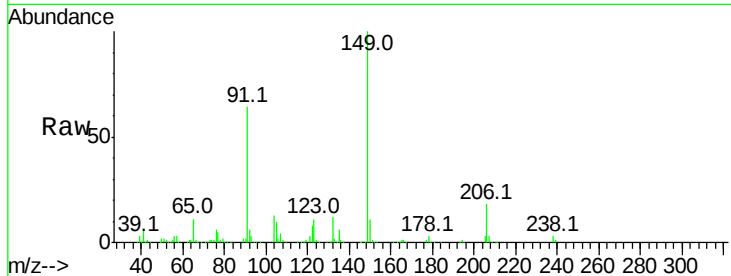
Ion 122.00 (121.70 to 122.70): E





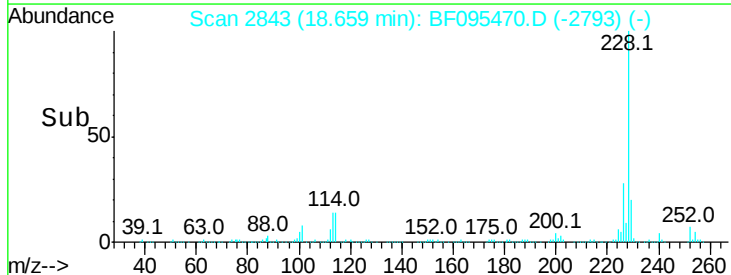
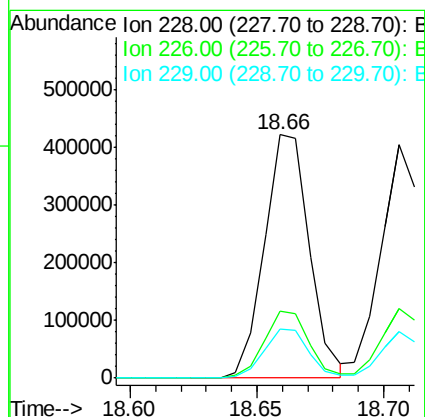
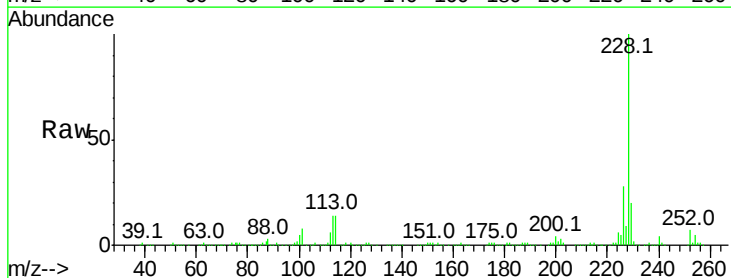
#79  
Butylbenzylphthalate  
Concen: 48.48 ng  
RT: 17.98 min Scan# 2727  
Delta R.T. -0.00 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

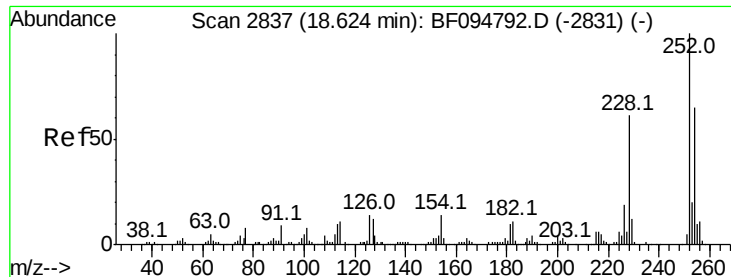
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 64.2  | 45.0  | 67.4  |
| 206     | 18.1  | 17.0  | 25.6  |



#80  
Benzo(a)anthracene  
Concen: 47.78 ng  
RT: 18.66 min Scan# 2843  
Delta R.T. -0.01 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

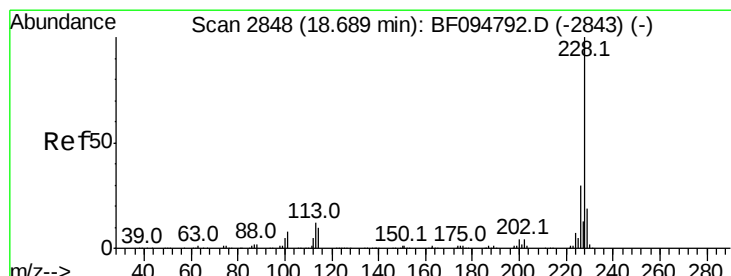
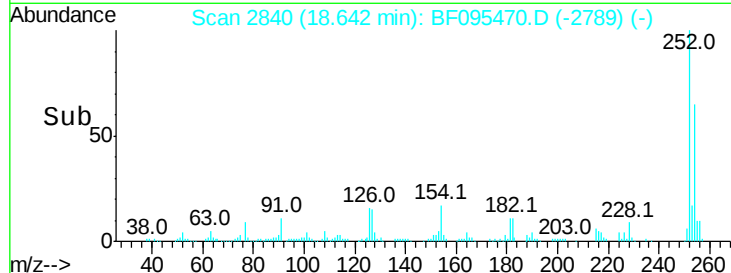
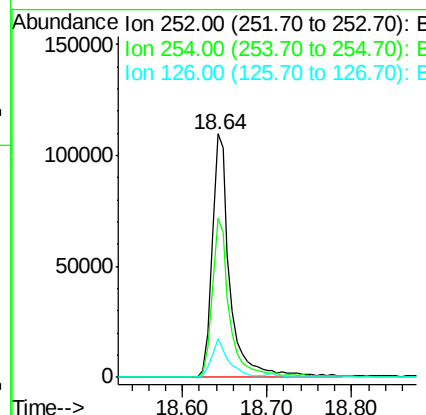
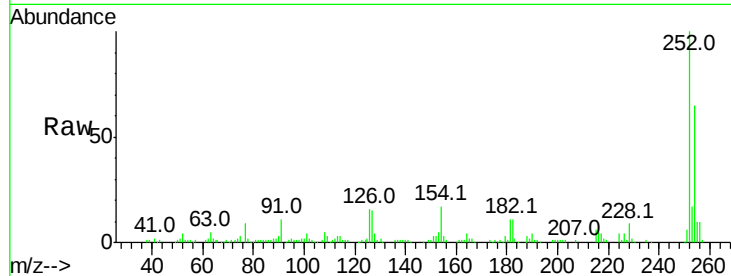
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.6  | 22.6  | 33.8  |
| 229     | 20.4  | 16.3  | 24.5  |





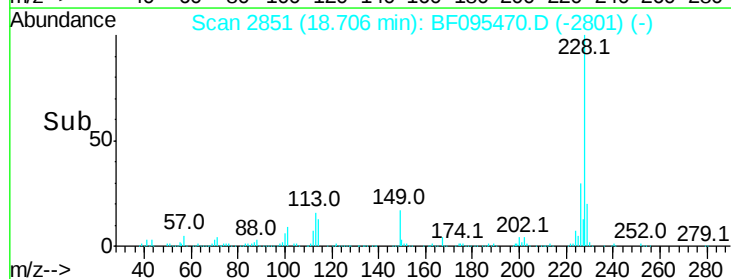
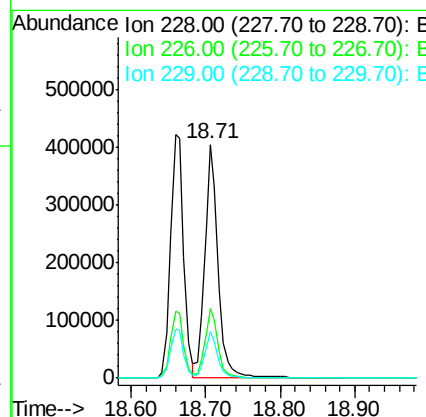
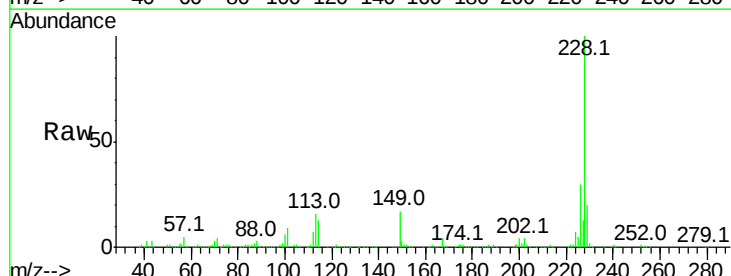
#81  
 3,3'-Dichlorobenzidine  
 Concen: 43.28 ng  
 RT: 18.64 min Scan# 2840  
 Delta R.T. -0.00 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

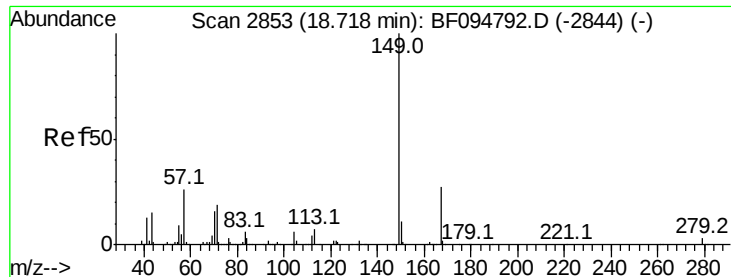
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 162683 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 65.2  | 51.5  | 77.3   |
| 126       | 16.2  | 15.8  | 23.8   |



#82  
 Chrysene  
 Concen: 48.12 ng  
 RT: 18.71 min Scan# 2851  
 Delta R.T. -0.01 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

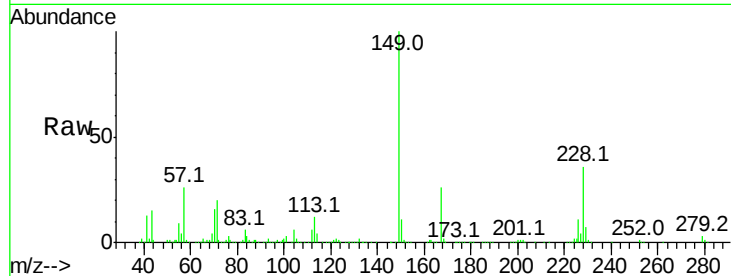
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 506334 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.7  | 24.9  | 37.3   |
| 229       | 19.8  | 15.8  | 23.6   |



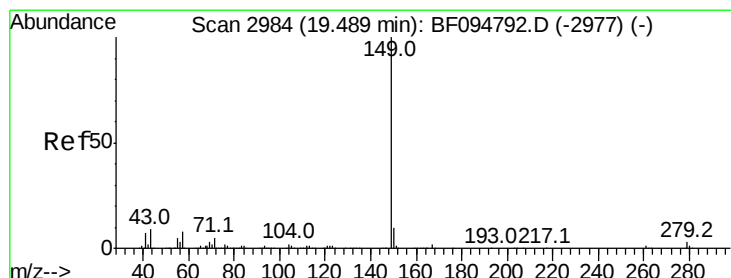
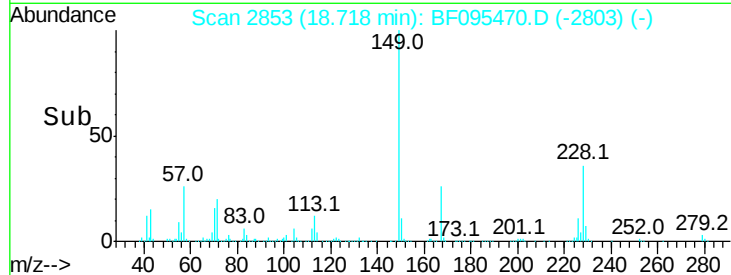
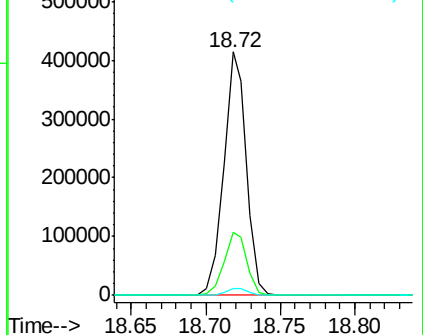


#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.56 ng  
 RT: 18.72 min Scan# 2853  
 Delta R.T. -0.01 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.0  | 21.0  | 31.4  |
| 279     | 2.8   | 1.9   | 2.9   |

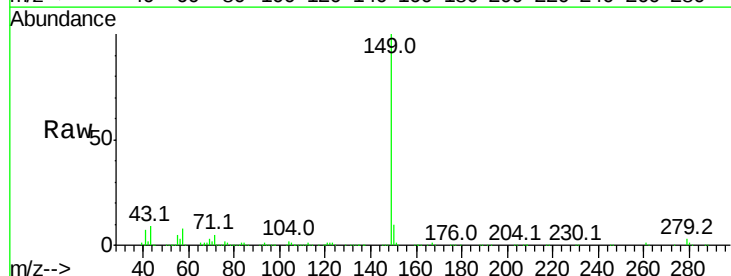


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

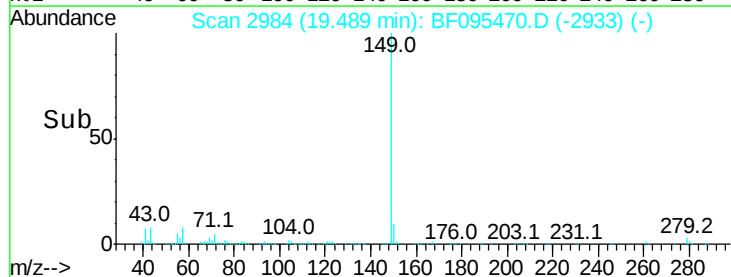
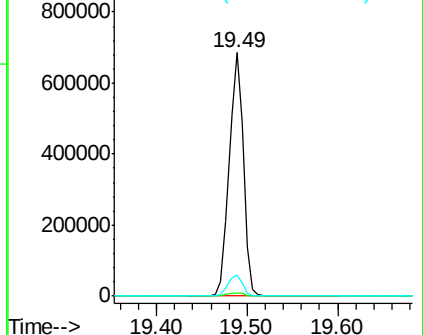


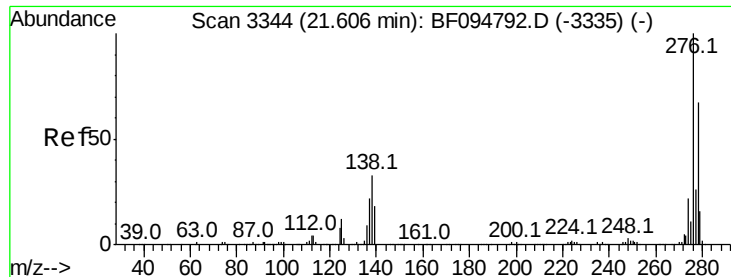
#84  
 Di-n-octyl phthalate  
 Concen: 49.14 ng  
 RT: 19.49 min Scan# 2984  
 Delta R.T. -0.00 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 8.7   | 8.5   | 12.7  |



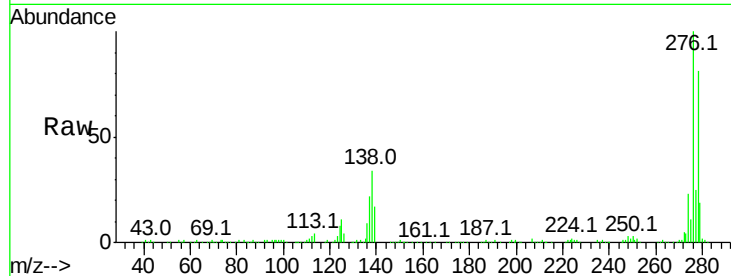
Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BF0



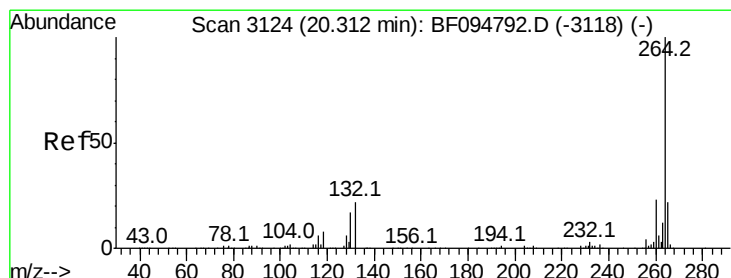
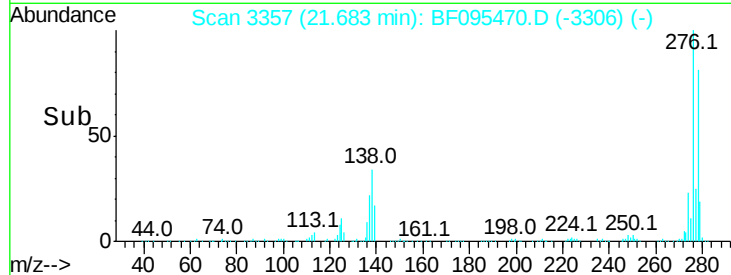
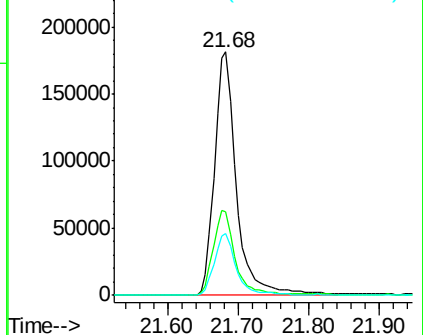


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.73 ng  
 RT: 21.68 min Scan# 3357  
 Delta R.T. -0.00 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 276   | Resp: | 390791 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 138      | 34.9  | 27.8  | 41.6   |
| 277      | 25.4  | 20.2  | 30.4   |

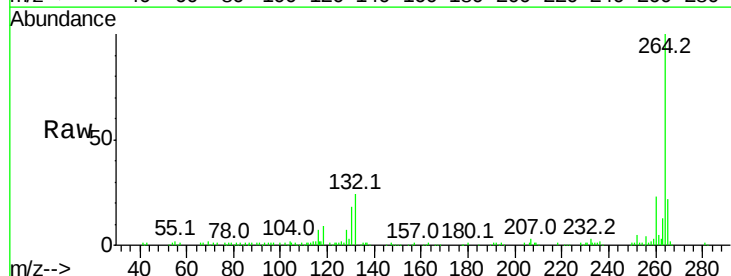


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

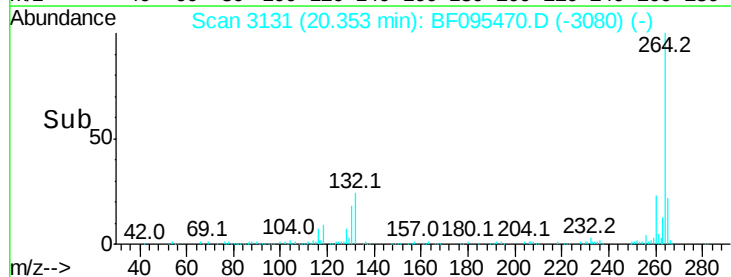
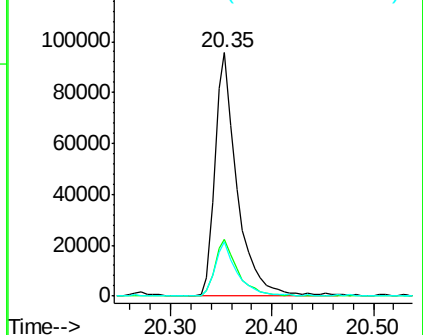


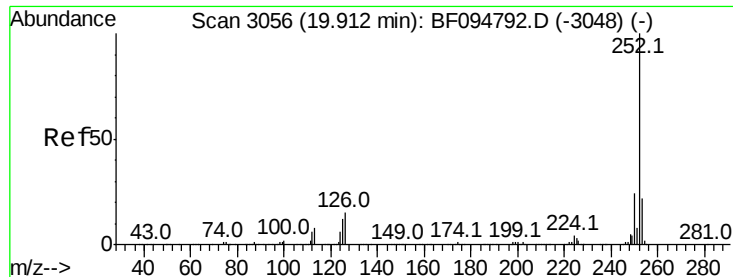
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 20.35 min Scan# 3131  
 Delta R.T. -0.00 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 145632 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.4  | 19.5  | 29.3   |
| 265      | 22.1  | 17.2  | 25.8   |



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





#87

Benzo(b)fluoranthene

Concen: 50.90 ng

RT: 19.94 min Scan# 3061

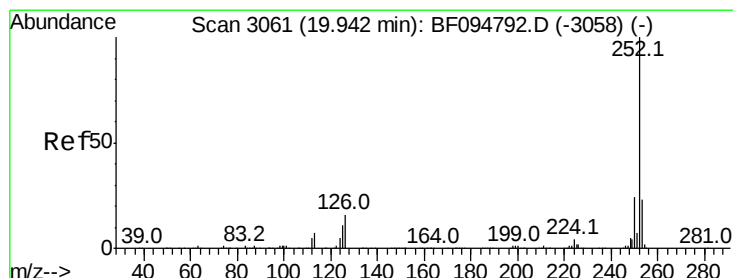
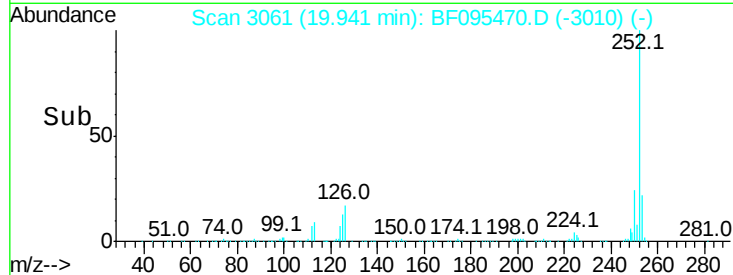
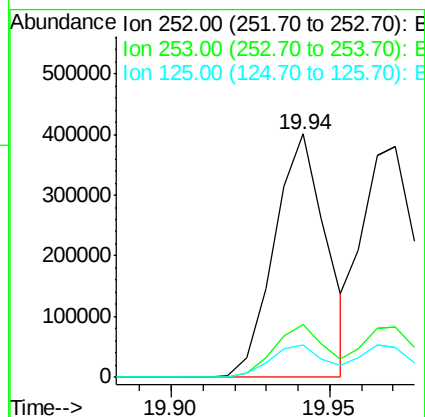
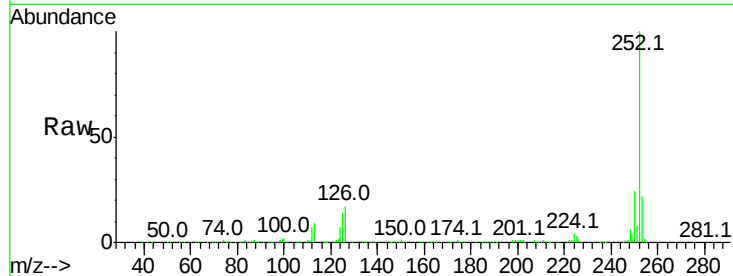
Delta R.T. -0.00 min

Lab File: BF095470.D

Acq: 26 May 2017 20:11

Tot Ion:252 Resp: 458077

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.0  | 18.1  | 27.1  |
| 125 | 13.6  | 9.8   | 14.8  |



#88

Benzo(k)fluoranthene

Concen: 52.77 ng

RT: 19.94 min Scan# 3061

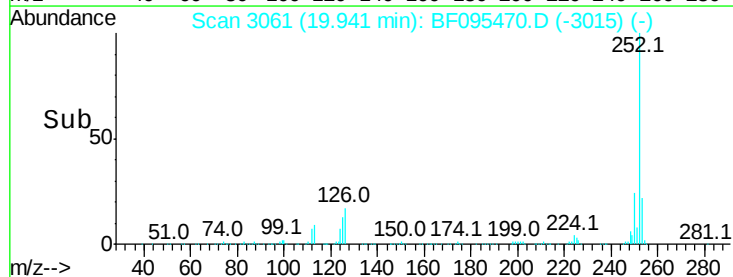
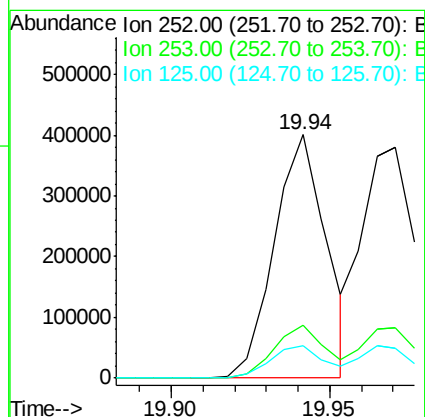
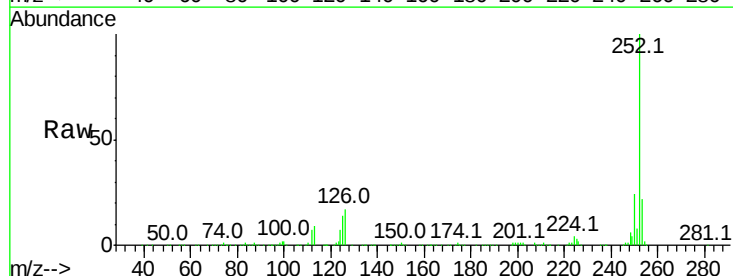
Delta R.T. -0.03 min

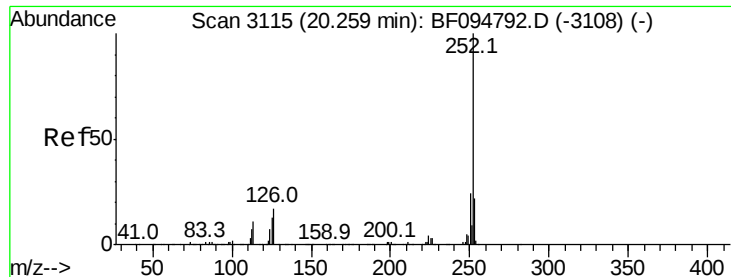
Lab File: BF095470.D

Acq: 26 May 2017 20:11

Tgt Ion:252 Resp: 458077

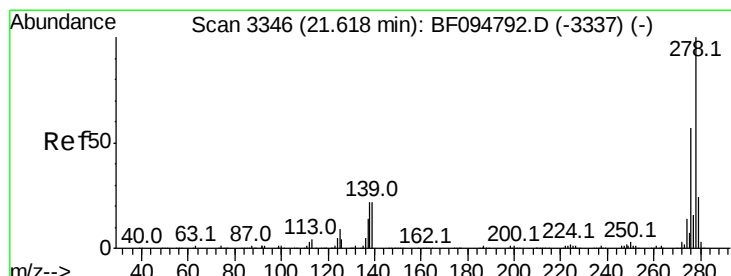
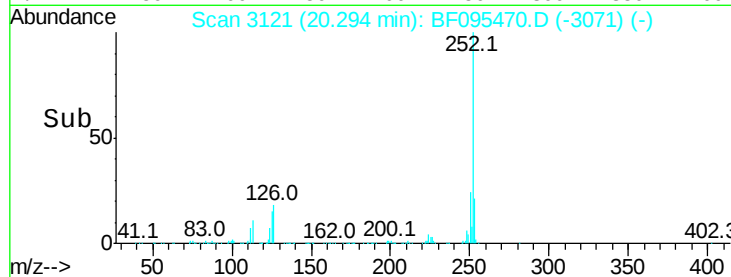
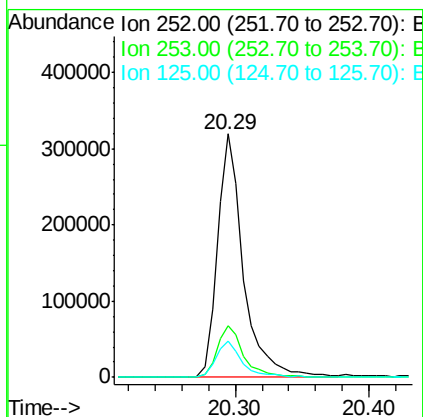
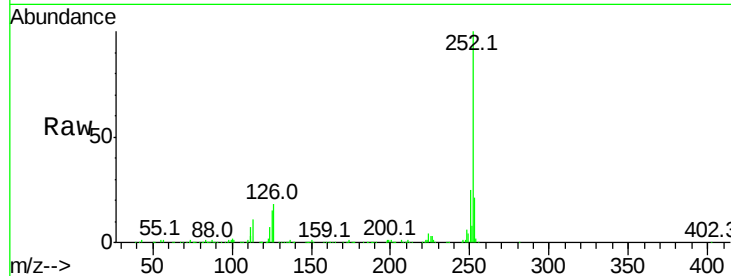
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.0  | 18.4  | 27.6  |
| 125 | 13.6  | 13.1  | 19.7  |





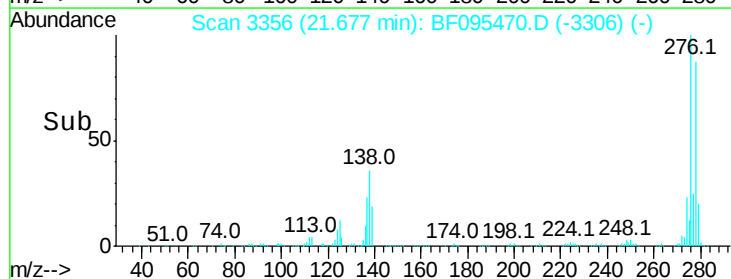
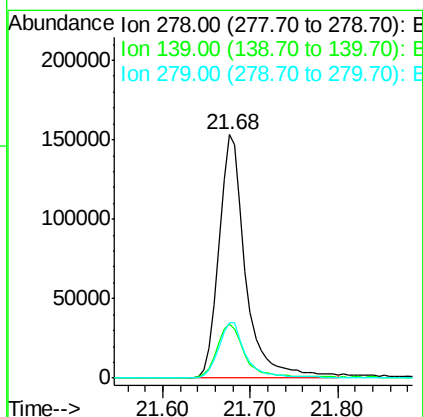
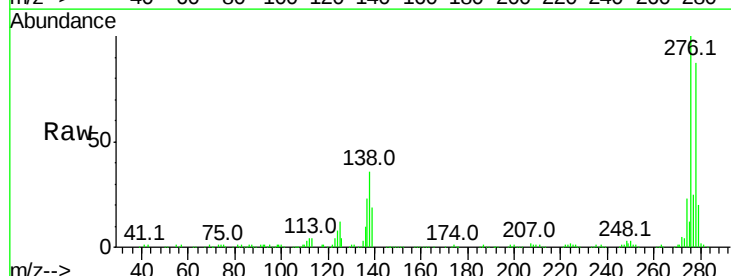
#89  
Benzo(a)pyrene  
Concen: 52.04 ng  
RT: 20.29 min Scan# 3121  
Delta R.T. -0.01 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

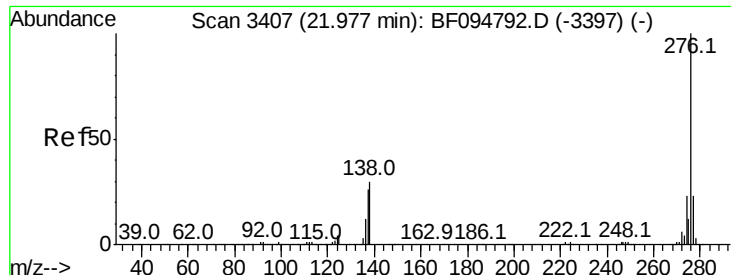
Tot Ion:252 Resp: 432112  
Ion Ratio Lower Upper  
252 100  
253 21.1 17.5 26.3  
125 14.7 11.0 16.4



#90  
Dibenzo(a,h)anthracene  
Concen: 47.17 ng  
RT: 21.68 min Scan# 3356  
Delta R.T. -0.01 min  
Lab File: BF095470.D  
Acq: 26 May 2017 20:11

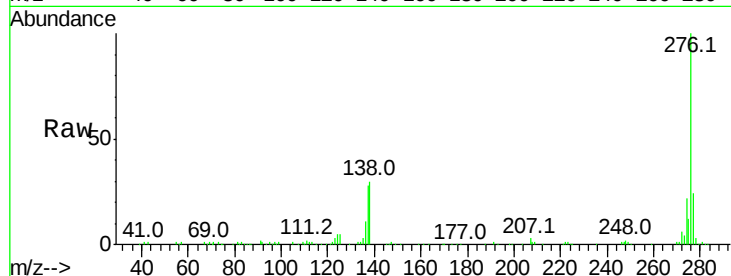
Tgt Ion:278 Resp: 323473  
Ion Ratio Lower Upper  
278 100  
139 22.0 16.6 24.8  
279 22.8 19.3 28.9





#91  
 Benzo(a,h,i)perylene  
 Concen: 48.38 ng  
 RT: 22.06 min Scan# 3422  
 Delta R.T. -0.01 min  
 Lab File: BF095470.D  
 Acq: 26 May 2017 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 276   | Resp: | 325608 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 23.5  | 18.6  | 28.0   |
| 138      | 30.1  | 25.4  | 38.0   |



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

