

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\  
 Data File : BM024110.D  
 Acq On : 16 Dec 2019 16:09  
 Operator : JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Dec 16 17:29:12 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 16 17:25:31 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.46  | 152  | 335385   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.23 | 136  | 1531152  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.12 | 164  | 1023178  | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.87 | 188  | 2227595  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.09 | 240  | 2281814  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.21 | 264  | 2707070  | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.07  | 112  | 793352   | 37.52 | ng    | 0.00     |
| 7) Phenol-d6                | 6.65  | 99   | 1193677  | 43.95 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.61  | 82   | 1315612  | 47.70 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.62 | 330  | 572973   | 44.86 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.73 | 172  | 2980636  | 40.11 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.53 | 244  | 5124063  | 43.48 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.03  | 88   | 173464   | 20.386 | ng    | # 100  |
| 3) Pyridine                    | 3.45  | 79   | 508830   | 22.686 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 3.36  | 42   | 147861   | 18.109 | ng    | 98     |
| 6) Aniline                     | 6.80  | 93   | 777655   | 23.878 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.03  | 128  | 464673   | 21.567 | ng    | 100    |
| 9) Benzaldehyde                | 6.62  | 77   | 368694   | 23.840 | ng    | 98     |
| 10) Phenol                     | 6.68  | 94   | 621089   | 24.289 | ng    | 100    |
| 11) bis(2-Chloroethyl)ether    | 6.90  | 93   | 488787   | 24.330 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 7.35  | 146  | 538366   | 20.906 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 7.49  | 146  | 544082   | 20.870 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 7.80  | 146  | 535924   | 21.562 | ng    | 98     |
| 15) Benzyl Alcohol             | 7.71  | 79   | 466261   | 27.434 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.99  | 45   | 623910   | 21.379 | ng    | 100    |
| 17) 2-Methylphenol             | 7.92  | 107  | 422499   | 24.962 | ng    | 98     |
| 18) Hexachloroethane           | 8.52  | 117  | 201233   | 21.046 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.27  | 70   | 459568   | 30.300 | ng    | 99     |
| 20) 3+4-Methylphenols          | 8.24  | 107  | 586742   | 26.027 | ng    | 98     |
| 22) Acetophenone               | 8.28  | 105  | 843681   | 22.323 | ng    | 99     |
| 24) Nitrobenzene               | 8.65  | 77   | 643117   | 24.368 | ng    | 99     |
| 25) Isophorone                 | 9.18  | 82   | 1161949  | 25.620 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.36  | 139  | 263962   | 23.168 | ng    | 97     |
| 27) 2,4-Dimethylphenol         | 9.43  | 122  | 399607   | 20.951 | ng    | 100    |
| 28) bis(2-Chloroethoxy)methane | 9.66  | 93   | 759792   | 24.209 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 9.89  | 162  | 468095   | 21.707 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.09 | 180  | 539985   | 20.353 | ng    | 99     |
| 31) Naphthalene                | 10.27 | 128  | 1632123  | 21.573 | ng    | 100    |
| 32) Benzoic acid               | 9.58  | 122  | 303293   | 24.706 | ng    | 99     |
| 33) 4-Chloroaniline            | 10.40 | 127  | 705376   | 21.474 | ng    | 98     |
| 34) Hexachlorobutadiene        | 10.56 | 225  | 313296   | 19.809 | ng    | 98     |
| 35) Caprolactam                | 11.20 | 113  | 164575   | 25.743 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 11.55 | 107  | 571755   | 27.176 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 11.90 | 142  | 1217298  | 23.115 | ng    | 100    |
| 38) 1-Methylnaphthalene        | 12.12 | 142  | 1170637  | 23.418 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.28 | 216  | 602200   | 17.370 | ng    | 100    |

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 Operator : JU  
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 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

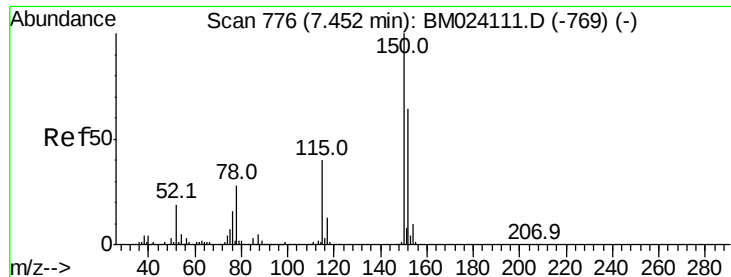
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Dec 16 17:29:12 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 16 17:25:31 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.26 | 237  | 171126   | 9.047  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 12.54 | 196  | 416182   | 20.799 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.62 | 196  | 413923   | 19.851 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 12.94 | 154  | 1647589  | 19.456 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 12.97 | 162  | 1297853  | 20.563 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.20 | 65   | 419942   | 25.551 | ng    | 97       |
| 49) Acenaphthylene             | 13.83 | 152  | 2008230  | 21.486 | ng    | 100      |
| 50) Dimethylphthalate          | 13.59 | 163  | 1676490  | 22.673 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.71 | 165  | 361539   | 23.375 | ng    | 98       |
| 52) Acenaphthene               | 14.18 | 154  | 1228952  | 20.098 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.04 | 138  | 389765   | 21.890 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.26 | 184  | 165619   | 22.679 | ng    | 98       |
| 55) Dibenzofuran               | 14.52 | 168  | 1952670  | 21.874 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.37 | 139  | 276114   | 20.175 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.51 | 165  | 498681   | 24.611 | ng    | 99       |
| 58) Fluorene                   | 15.17 | 166  | 1602849  | 22.095 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.76 | 232  | 396370   | 21.796 | ng    | 98       |
| 60) Diethylphthalate           | 14.97 | 149  | 1713600  | 23.834 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.18 | 204  | 784724   | 21.053 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.21 | 138  | 411641   | 22.051 | ng    | 96       |
| 63) Azobenzene                 | 15.47 | 77   | 1681945  | 25.905 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.28 | 198  | 240256   | 23.030 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.40 | 169  | 1410119  | 20.721 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.07 | 248  | 513331   | 20.719 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.19 | 284  | 627560   | 21.720 | ng    | 99       |
| 69) Atrazine                   | 16.36 | 200  | 431970   | 19.526 | ng    | 98       |
| 70) Pentachlorophenol          | 16.53 | 266  | 299125   | 19.412 | ng    | 100      |
| 71) Phenanthrene               | 16.92 | 178  | 2611513  | 20.777 | ng    | 99       |
| 72) Anthracene                 | 17.00 | 178  | 2501062  | 20.531 | ng    | 99       |
| 73) Carbazole                  | 17.29 | 167  | 2387100  | 21.058 | ng    | 100      |
| 74) Di-n-butylphthalate        | 17.86 | 149  | 2896157  | 22.532 | ng    | 100      |
| 75) Fluoranthene               | 18.94 | 202  | 2970716  | 20.945 | ng    | 100      |
| 77) Benzidine                  | 19.14 | 184  | 765630   | 12.231 | ng    | 99       |
| 78) Pyrene                     | 19.31 | 202  | 3105856  | 20.770 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.23 | 149  | 1375986  | 24.211 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.07 | 228  | 3094963  | 20.928 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.01 | 252  | 1110598  | 21.176 | ng    | 100      |
| 83) Chrysene                   | 21.12 | 228  | 3018635  | 21.054 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.02 | 149  | 1982666  | 23.545 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 21.87 | 149  | 3347793  | 24.945 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.33 | 276  | 3877278  | 22.658 | ng    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.59 | 252  | 3342278  | 20.392 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.63 | 252  | 3362548  | 20.676 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.13 | 252  | 3124128  | 20.685 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.33 | 278  | 3201236  | 20.264 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 25.96 | 276  | 3089823  | 20.592 | ng    | 99       |

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



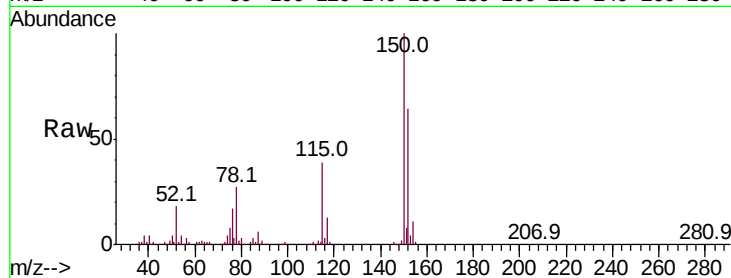


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.46 min Scan# 777  
Delta R.T. 0.01 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.9 | 125.0 | 187.6 |
| 115     | 61.0  | 49.8  | 74.6  |

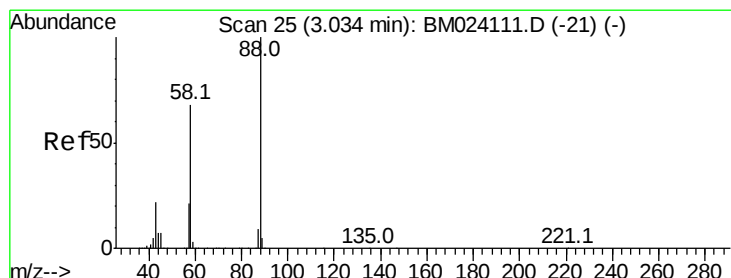
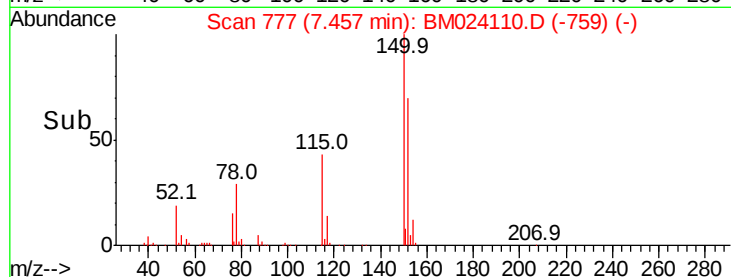
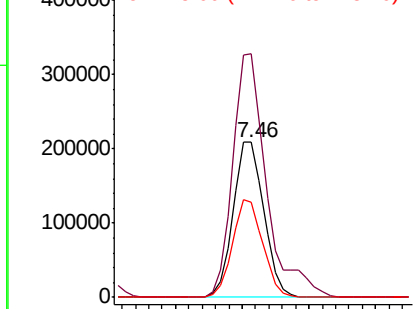


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

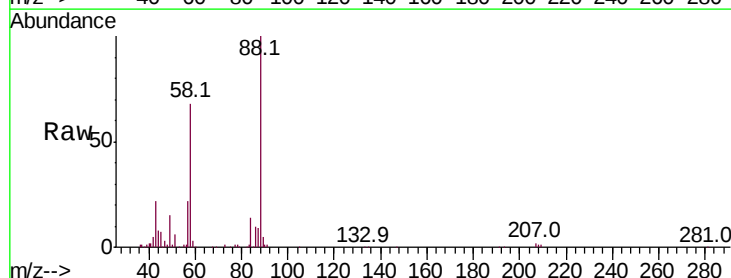
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 20.386 ng  
RT: 3.03 min Scan# 25  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 68.5  | 0.0   | 0.0#  |
| 43      | 24.1  | 0.0   | 0.0#  |

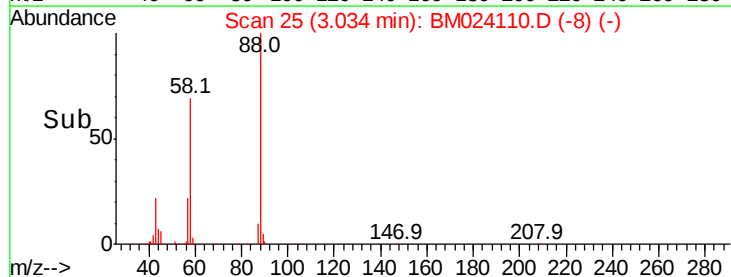
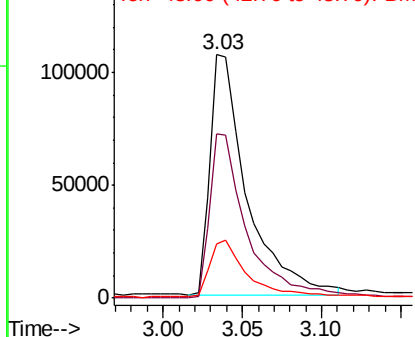


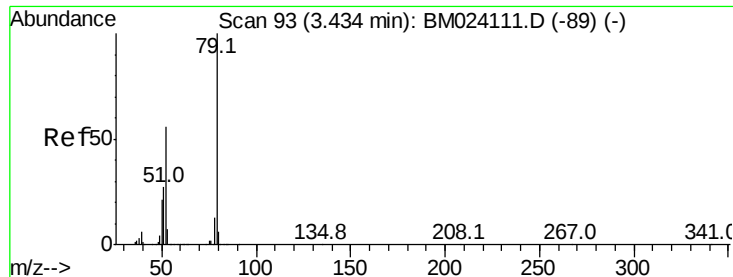
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 22.686 ng

RT: 3.45 min Scan# 95

Delta R.T. 0.01 min

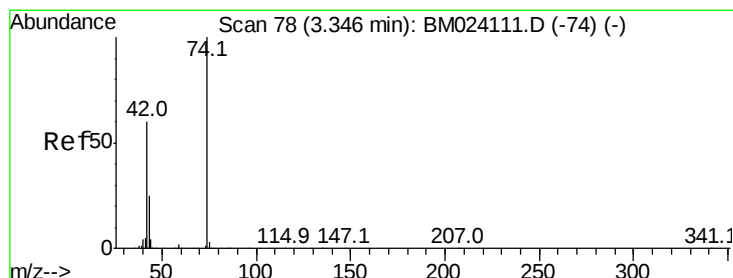
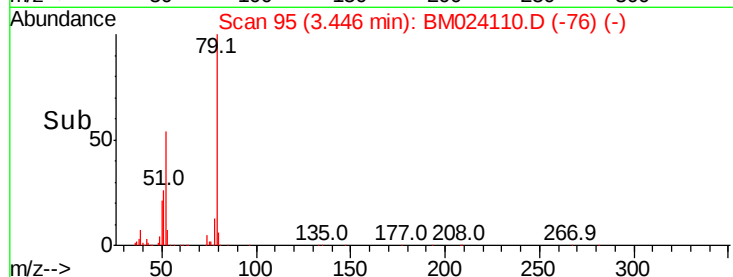
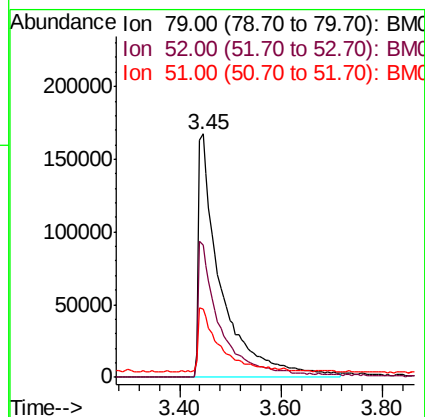
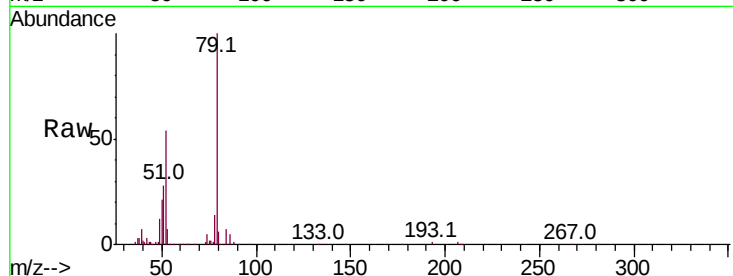
Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 79 Resp: 508830

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 54.4  | 44.5  | 66.7  |
| 51  | 28.1  | 22.6  | 33.8  |



#4

n-Nitrosodimethylamine

Concen: 18.109 ng

RT: 3.36 min Scan# 80

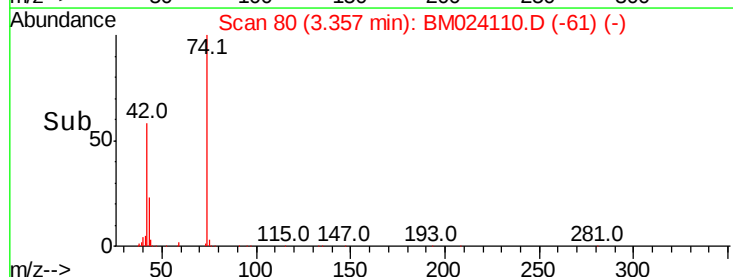
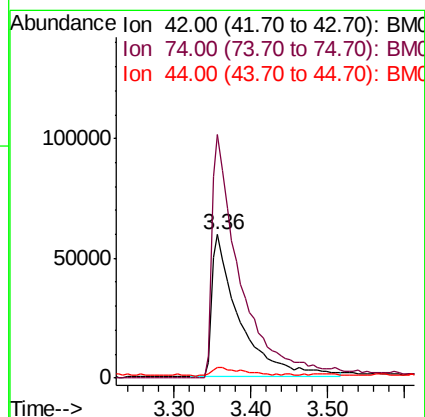
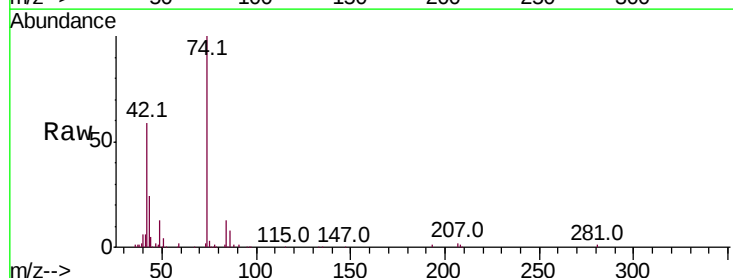
Delta R.T. 0.01 min

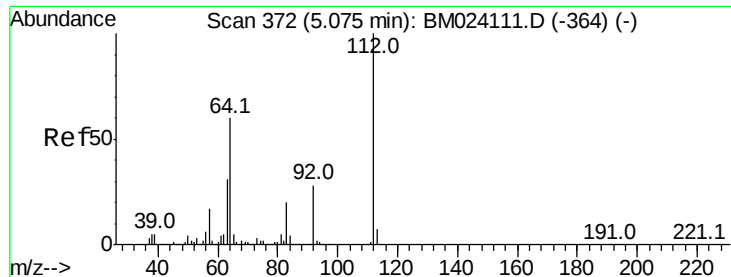
Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tgt Ion: 42 Resp: 147861

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 169.6 | 133.6 | 200.4 |
| 44  | 7.9   | 5.4   | 8.0   |





#5

2-Fluorophenol

Concen: 37.516 ng

RT: 5.07 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

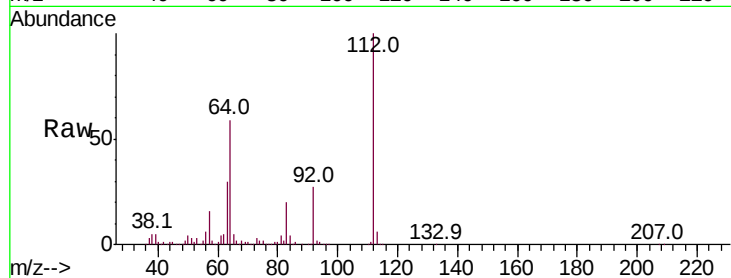
Tot Ion:112 Resp: 793352

Ion Ratio Lower Upper

112 100

64 59.0 48.4 72.6

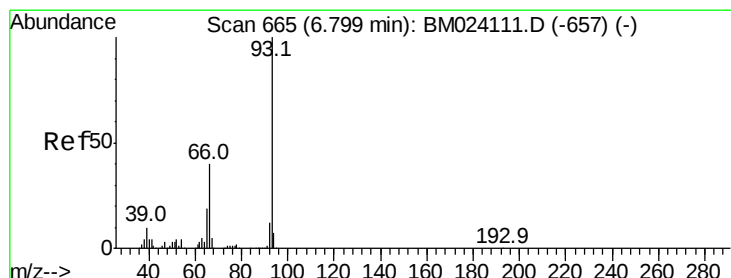
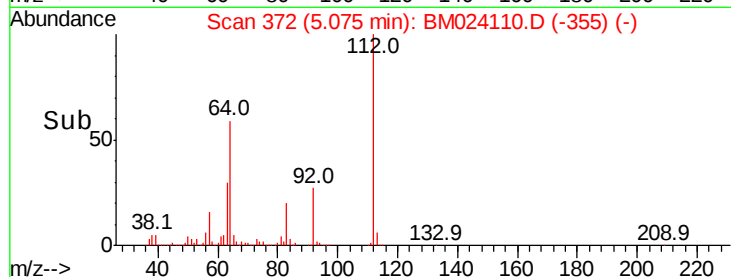
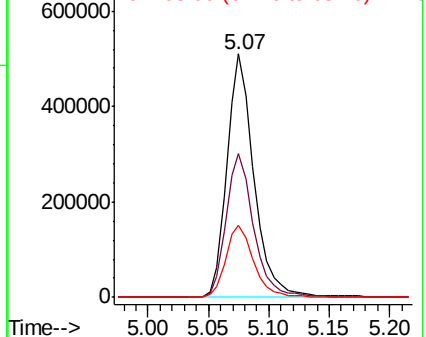
63 29.5 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 23.878 ng

RT: 6.80 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

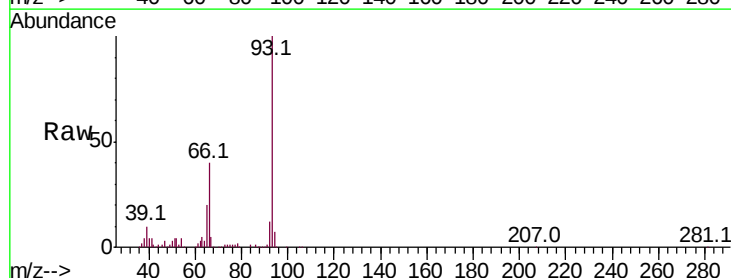
Tgt Ion: 93 Resp: 777655

Ion Ratio Lower Upper

93 100

66 39.5 32.0 48.0

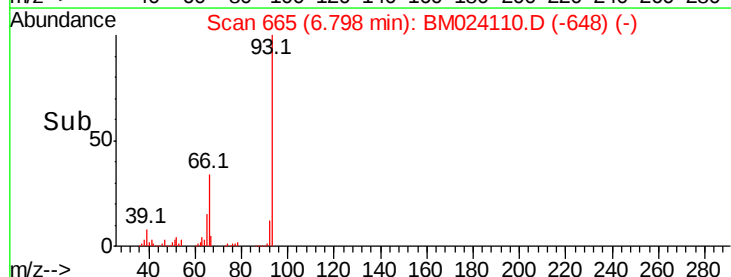
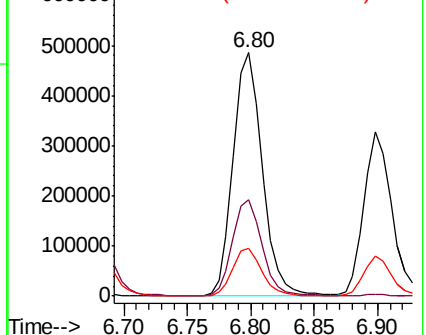
65 19.6 15.4 23.0

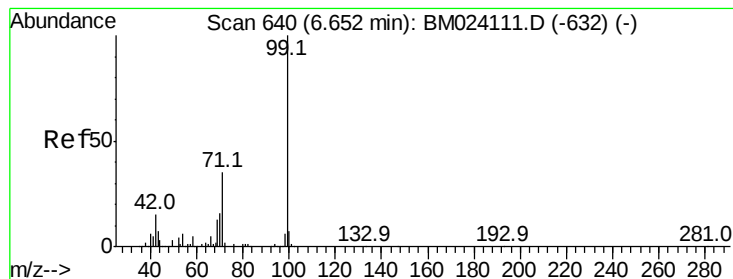


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 43.948 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

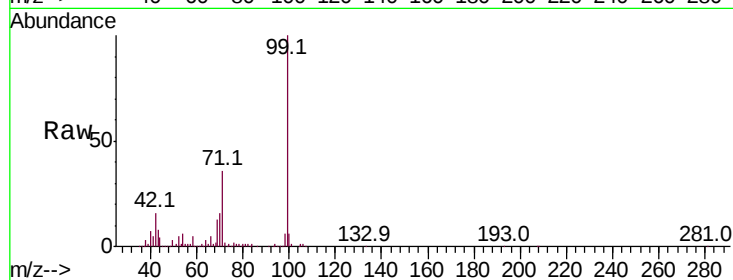
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 99 Resp: 1193677

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.6  | 11.9  | 17.9  |
| 71  | 35.7  | 28.0  | 42.0  |

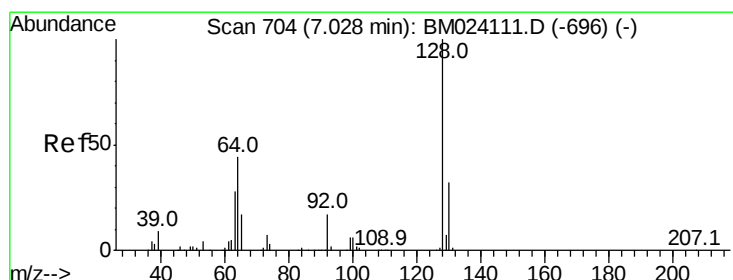
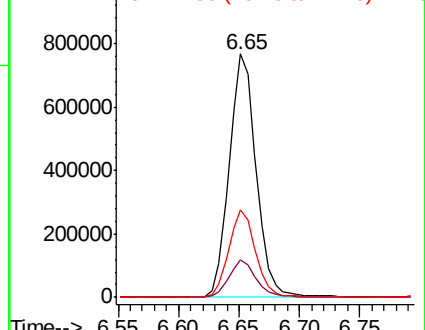
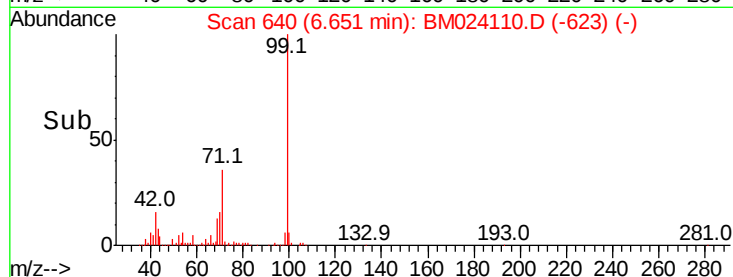


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 21.567 ng

RT: 7.03 min Scan# 704

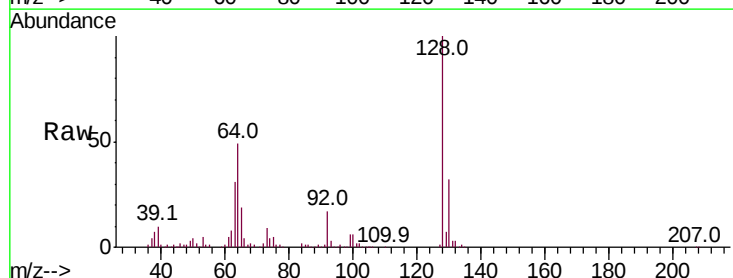
Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tgt Ion: 128 Resp: 464673

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.7  | 12.0  | 52.0  |
| 64  | 49.1  | 28.9  | 68.9  |

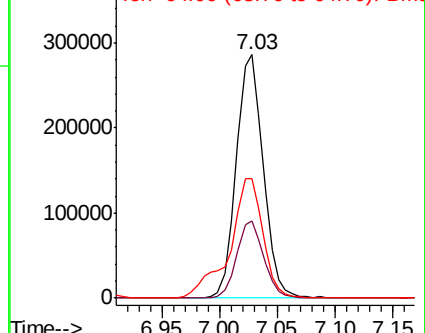
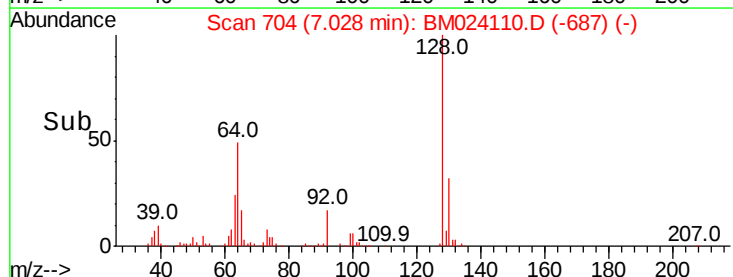


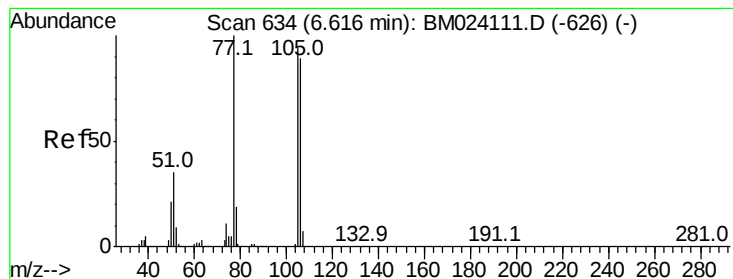
Abundance

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): BM0





#9

Benzaldehyde

Concen: 23.840 ng

RT: 6.62 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

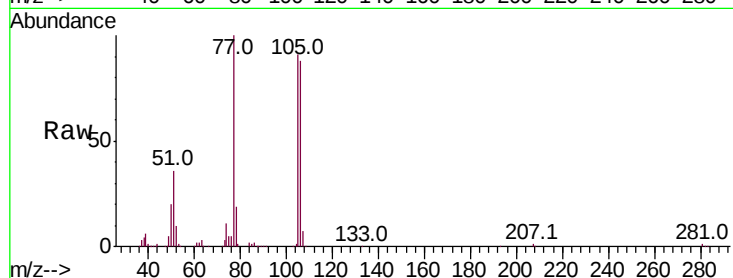
Tot Ion: 77 Resp: 368694

Ion Ratio Lower Upper

77 100

105 91.2 73.9 113.9

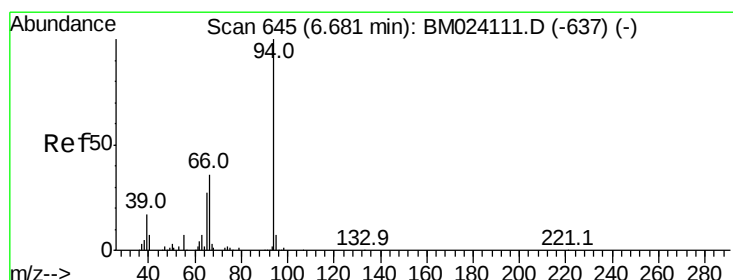
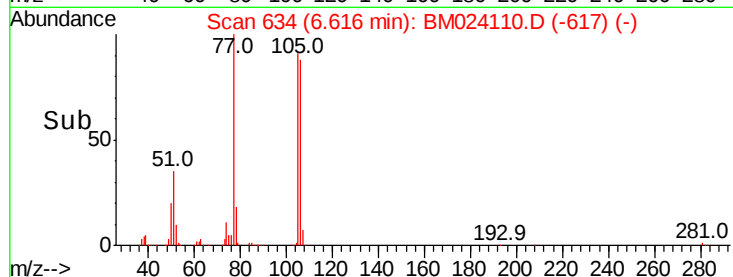
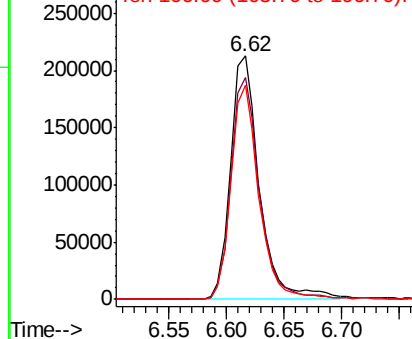
106 87.8 69.3 109.3



Abundance Ion 77.00 (76.70 to 77.70): BM024110.D (-617) (-)

Ion 105.00 (104.70 to 105.70): BM024110.D (-617) (-)

Ion 106.00 (105.70 to 106.70): BM024110.D (-617) (-)



#10

Phenol

Concen: 24.289 ng

RT: 6.68 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

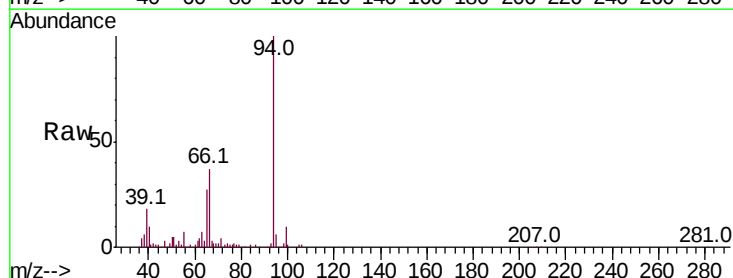
Tgt Ion: 94 Resp: 621089

Ion Ratio Lower Upper

94 100

65 27.4 7.3 47.3

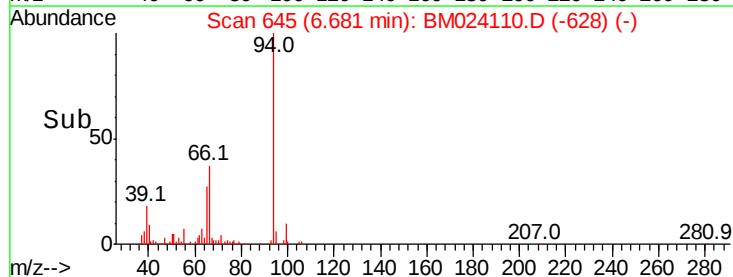
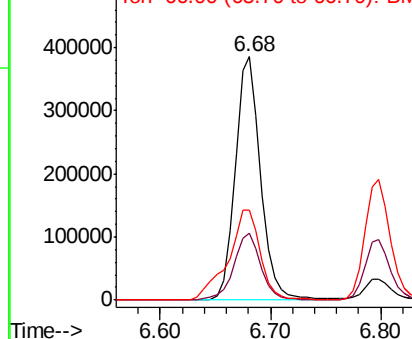
66 37.1 17.3 57.3

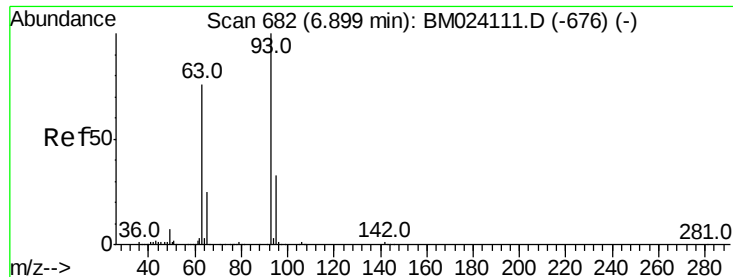


Abundance Ion 94.00 (93.70 to 94.70): BM024110.D (-628) (-)

Ion 65.00 (64.70 to 65.70): BM024110.D (-628) (-)

Ion 66.00 (65.70 to 66.70): BM024110.D (-628) (-)

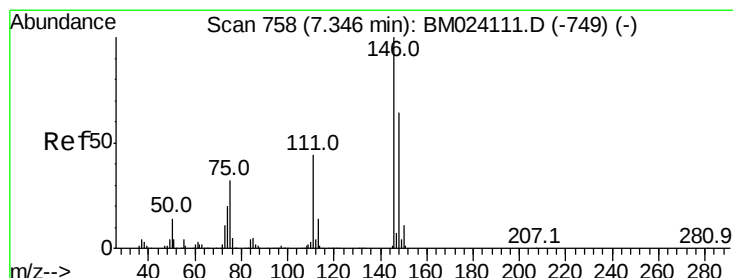
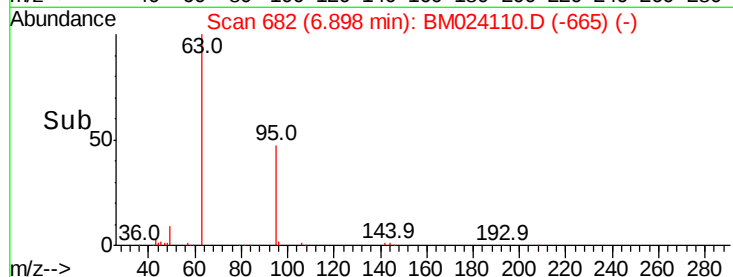
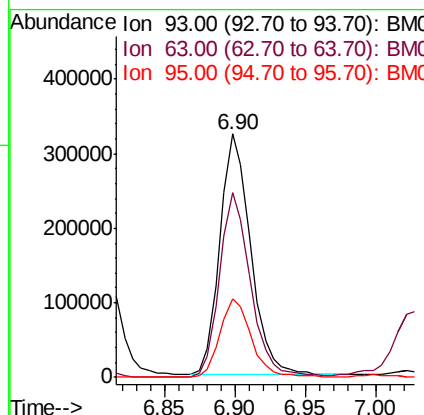
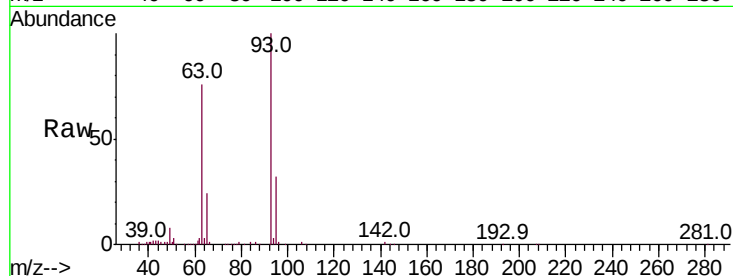




#11  
bis(2-Chloroethyl)ether  
Concen: 24.330 ng  
RT: 6.90 min Scan# 682  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

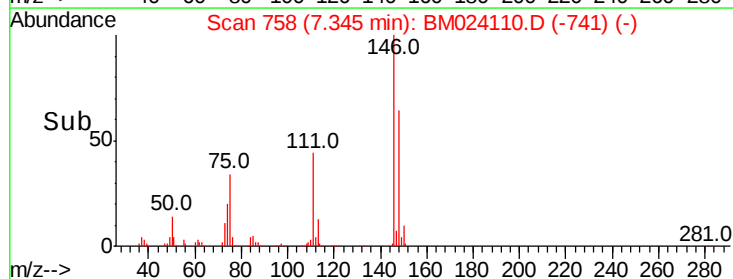
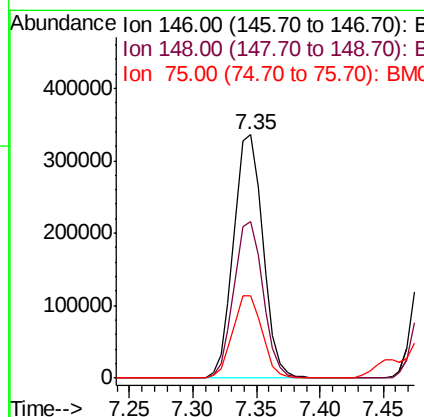
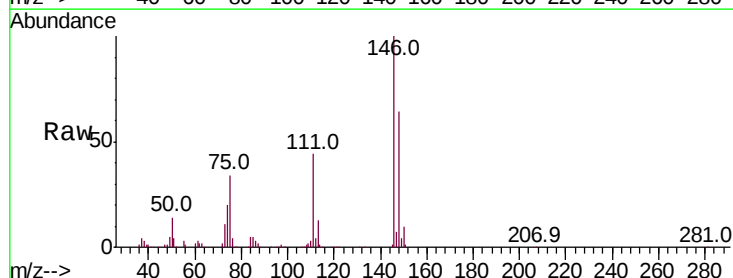
Instrument :  
BNA\_M  
ClientSampleId :

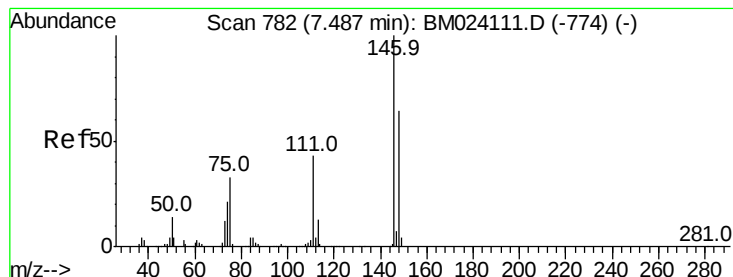
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.6  | 55.0  | 95.0  |
| 95      | 32.3  | 12.4  | 52.4  |



#12  
1,3-Dichlorobenzene  
Concen: 20.906 ng  
RT: 7.35 min Scan# 758  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.4  | 77.0  |
| 75      | 33.6  | 25.5  | 38.3  |





#13

1,4-Dichlorobenzene

Concen: 20.870 ng

RT: 7.49 min Scan# 783

Delta R.T. 0.01 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

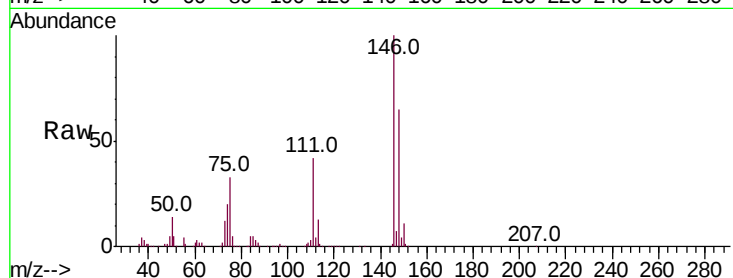
Tot Ion:146 Resp: 544082

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

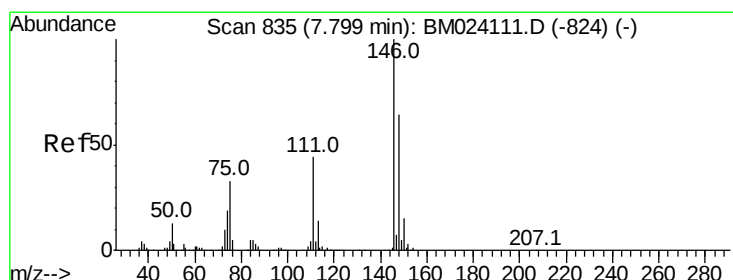
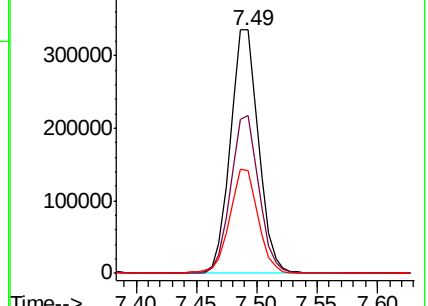
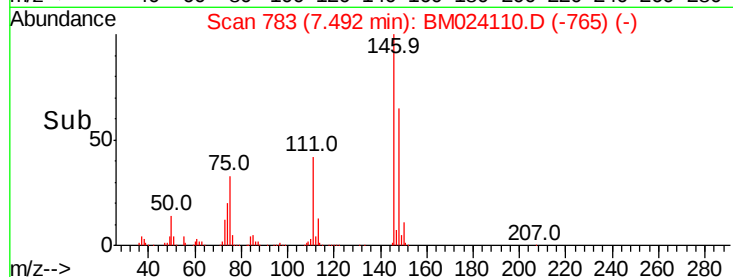
111 42.1 34.2 51.4



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



#14

1,2-Dichlorobenzene

Concen: 21.562 ng

RT: 7.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

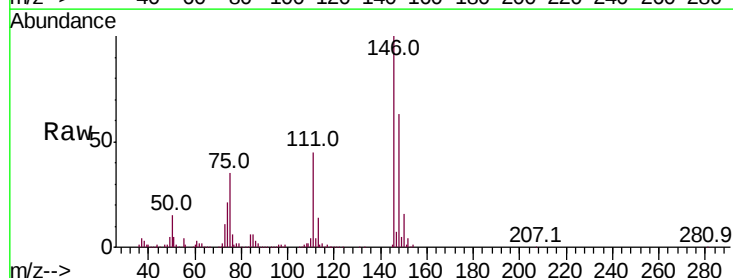
Tgt Ion:146 Resp: 535924

Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.0

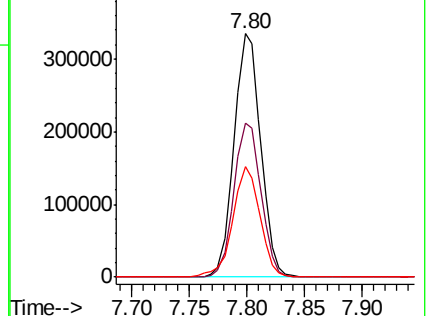
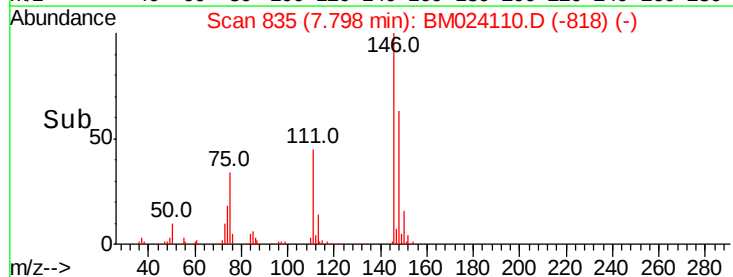
111 45.3 34.8 52.2

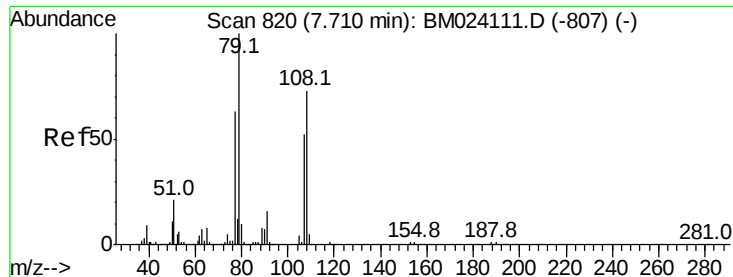


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.434 ng

RT: 7.71 min Scan# 820

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

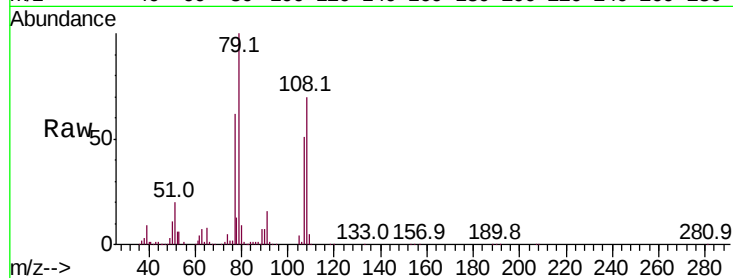
Tot Ion: 79 Resp: 466261

Ion Ratio Lower Upper

79 100

108 70.5 58.7 88.1

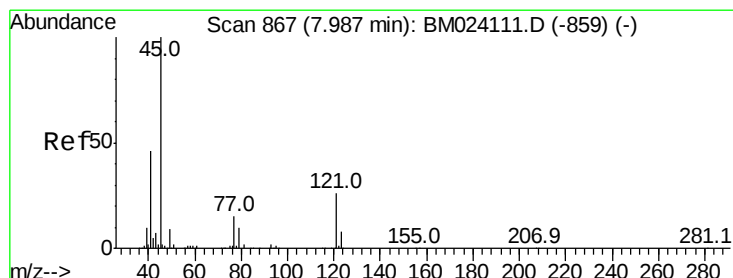
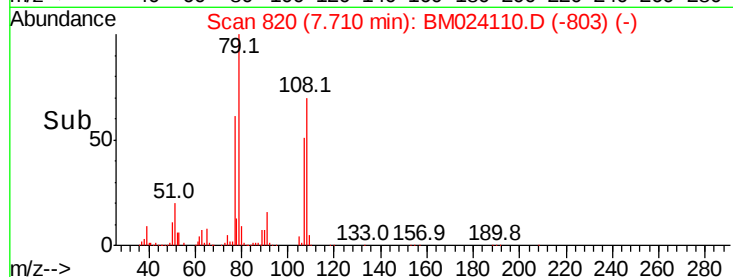
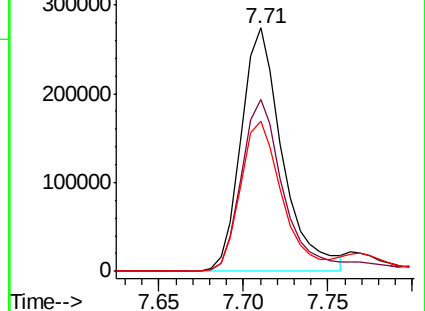
77 61.6 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BM024110.D (-807) (-)

Ion 108.00 (107.70 to 108.70): BM024110.D (-807) (-)

Ion 77.00 (76.70 to 77.70): BM024110.D (-807) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.379 ng

RT: 7.99 min Scan# 868

Delta R.T. 0.01 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

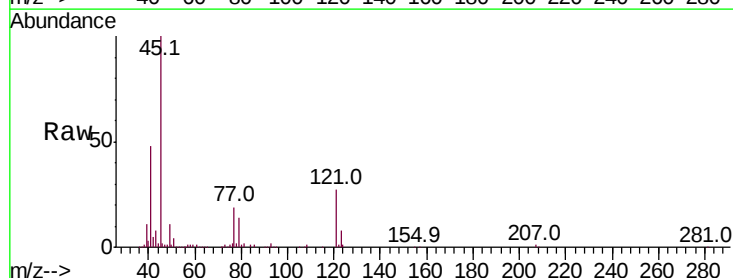
Tgt Ion: 45 Resp: 623910

Ion Ratio Lower Upper

45 100

77 18.7 0.0 38.7

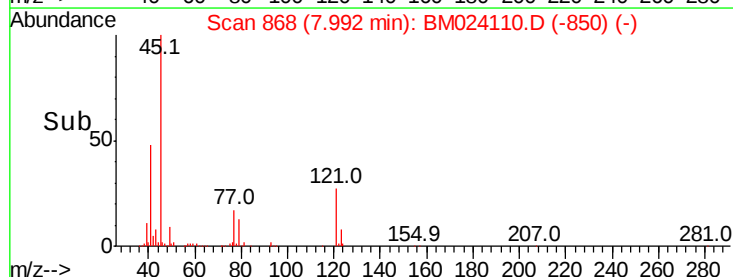
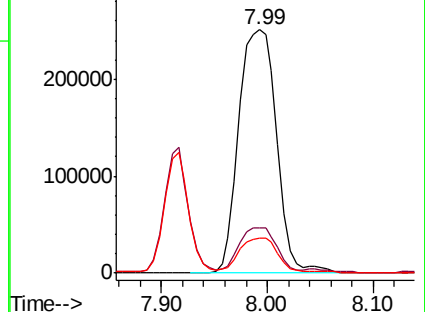
79 14.2 0.0 33.8

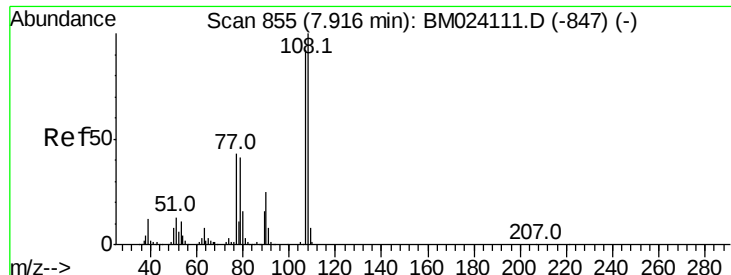


Abundance Ion 45.00 (44.70 to 45.70): BM024110.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM024110.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM024110.D (-859) (-)





#17

2-Methylphenol

Concen: 24.962 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:107 Resp: 422499

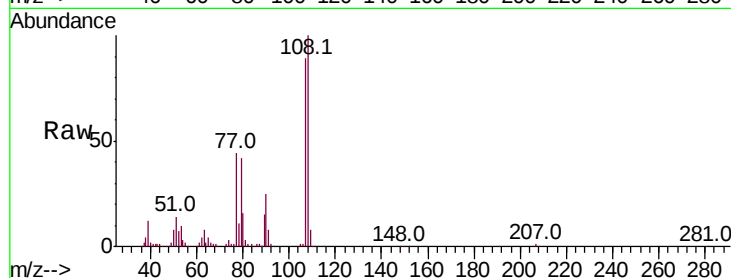
Ion Ratio Lower Upper

107 100

108 112.0 87.5 131.3

77 49.1 37.6 56.4

79 46.7 36.6 54.8

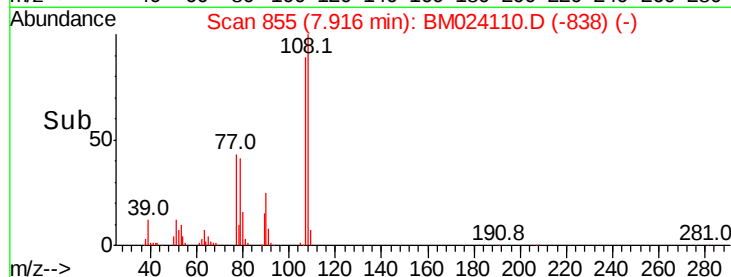


Abundance Ion 107.00 (106.70 to 107.70): E

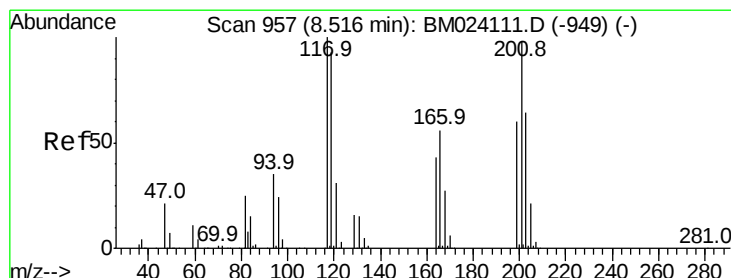
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



Time-->



#18

Hexachloroethane

Concen: 21.046 ng

RT: 8.52 min Scan# 957

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

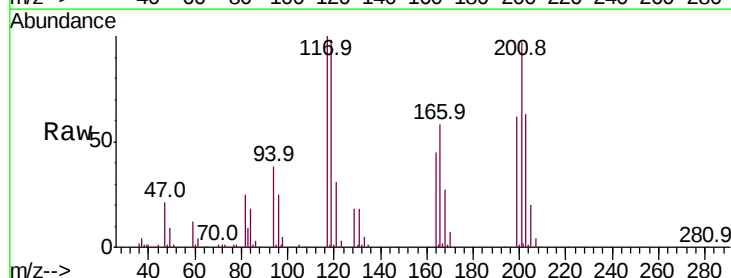
Tgt Ion:117 Resp: 201233

Ion Ratio Lower Upper

117 100

119 97.6 74.7 112.1

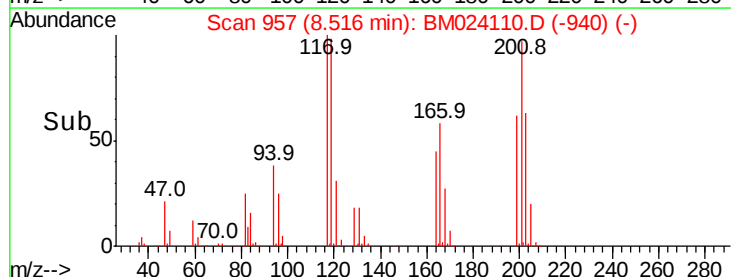
201 96.5 78.2 117.2



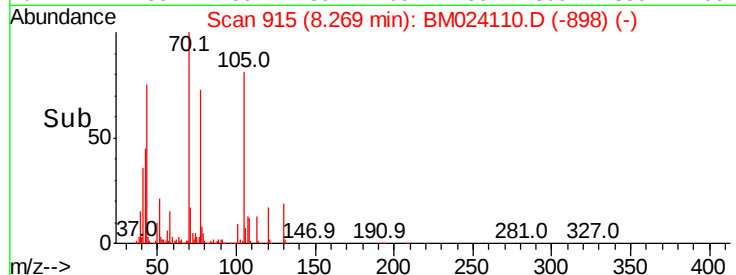
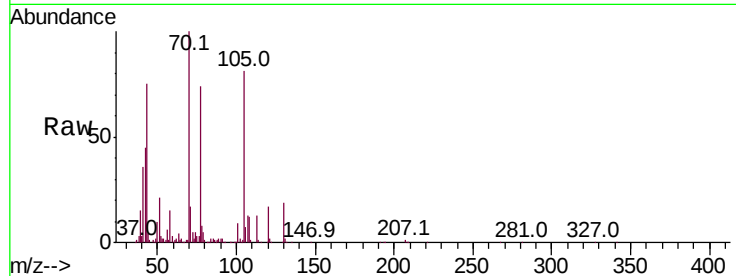
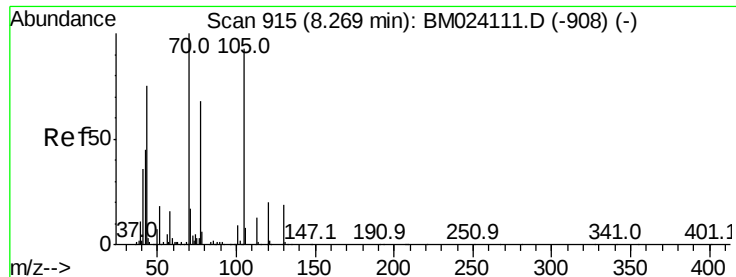
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



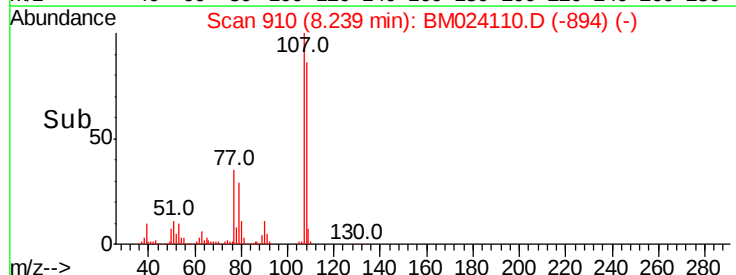
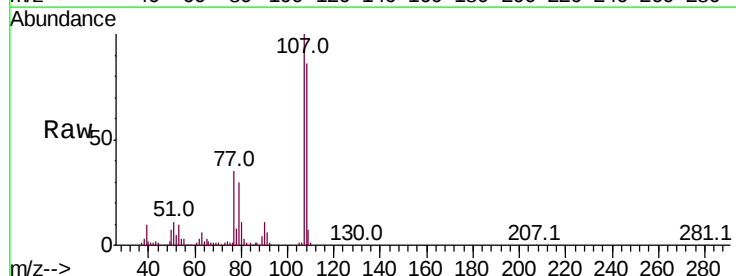
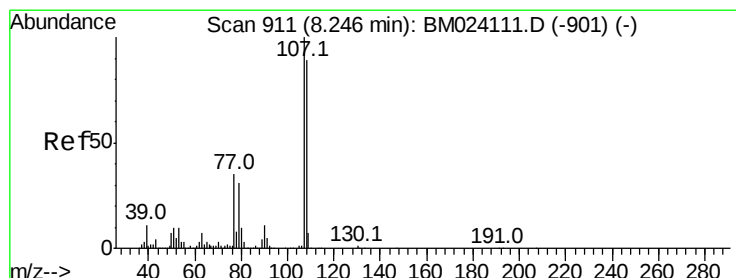
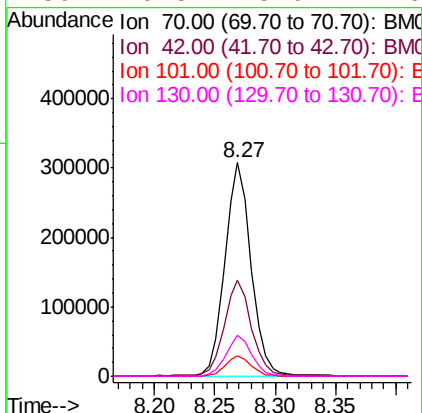
Time-->



#19  
n-Nitroso-di-n-propylamine  
Concen: 30.300 ng  
RT: 8.27 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

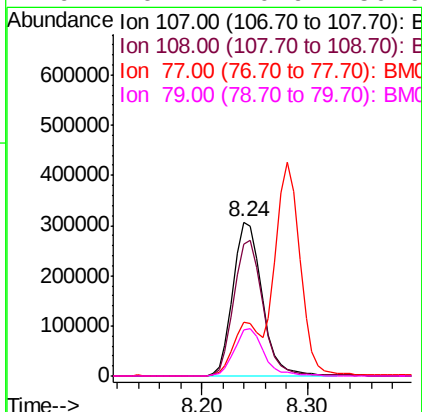
Instrument :  
BNA\_M  
ClientSampleId :

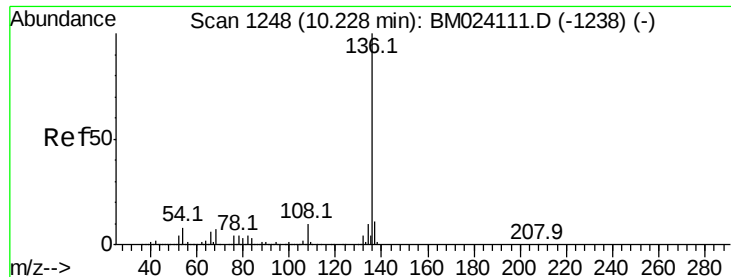
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 459568 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 45.0  | 36.3  | 54.5   |
| 101      | 9.4   | 7.5   | 11.3   |
| 130      | 19.5  | 15.0  | 22.6   |



#20  
3+4-Methylphenols  
Concen: 26.027 ng  
RT: 8.24 min Scan# 910  
Delta R.T. -0.01 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 586742 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.5  | 68.9  | 108.9  |
| 77       | 35.1  | 15.1  | 55.1   |
| 79       | 29.7  | 10.6  | 50.6   |

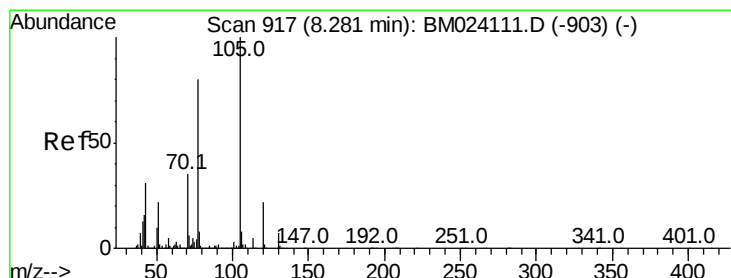
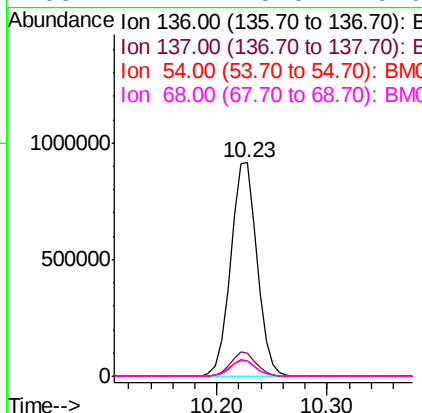
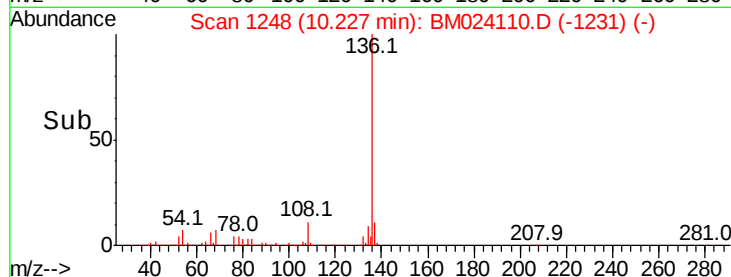
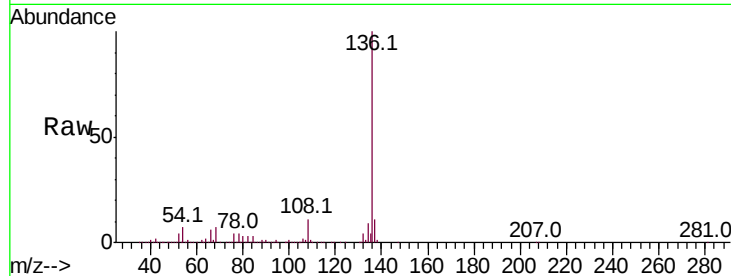




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.23 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

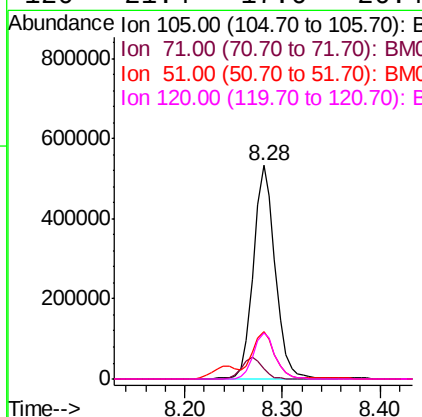
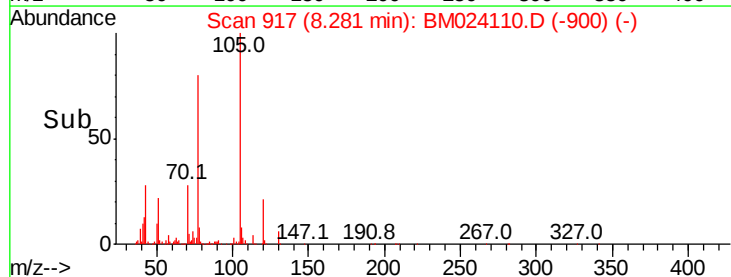
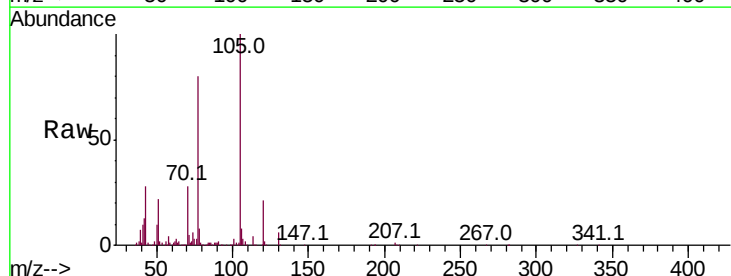
Instrument :  
BNA\_M  
ClientSampleId :

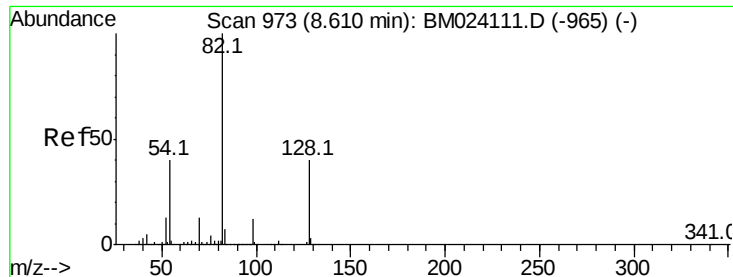
|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1531152 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 10.8    | 8.6 12.8      |
| 54 7.3      | 6.0 9.0       |
| 68 7.1      | 5.8 8.6       |



#22  
Acetophenone  
Concen: 22.323 ng  
RT: 8.28 min Scan# 917  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

|             |              |
|-------------|--------------|
| Tgt Ion:105 | Resp: 843681 |
| Ion Ratio   | Lower Upper  |
| 105 100     |              |
| 71 4.6      | 4.6 6.8      |
| 51 22.4     | 17.4 26.2    |
| 120 21.4    | 17.6 26.4    |





#23

Nitrobenzene-d5

Concen: 47.696 ng

RT: 8.61 min Scan# 973

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

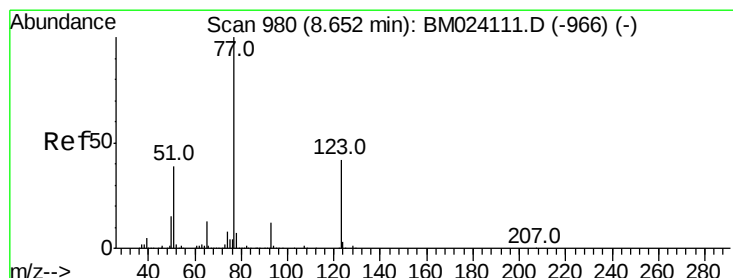
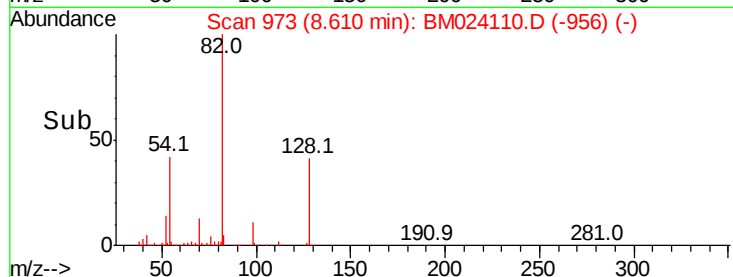
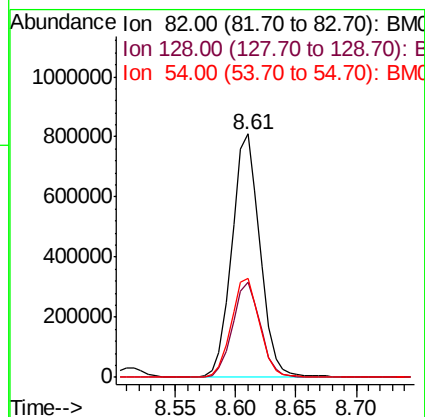
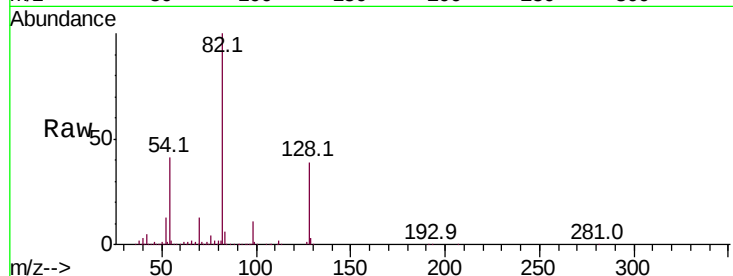
Tot Ion: 82 Resp: 1315612

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.8

54 40.5 32.2 48.2



#24

Nitrobenzene

Concen: 24.368 ng

RT: 8.65 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

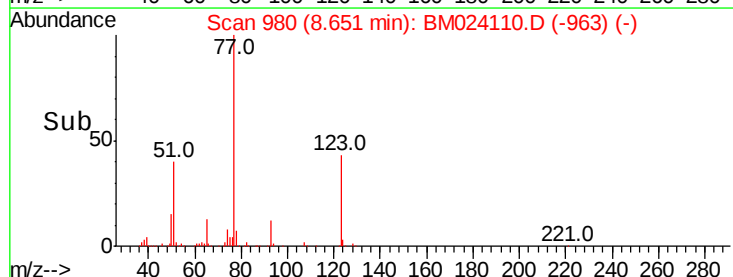
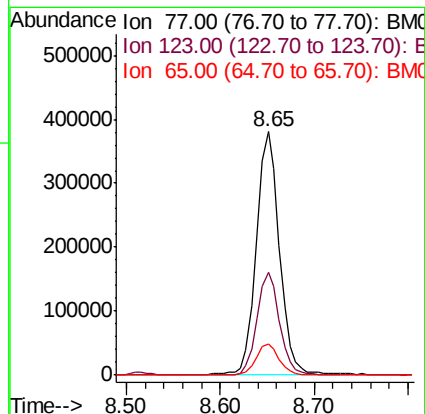
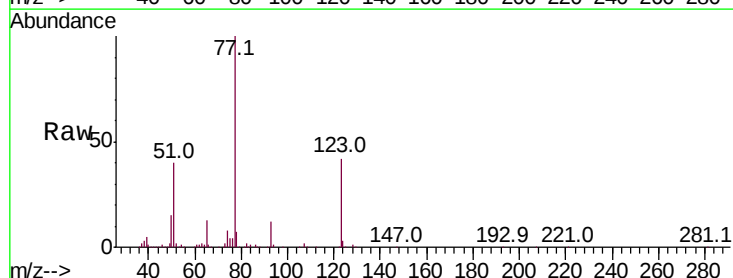
Tgt Ion: 77 Resp: 643117

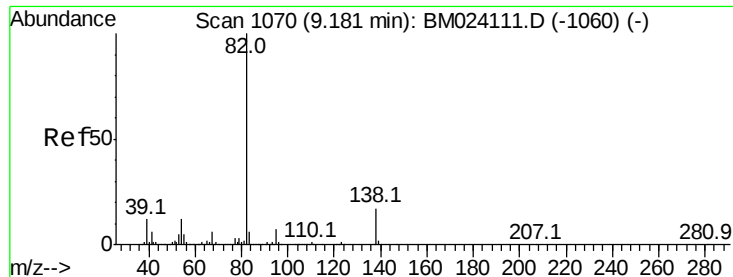
Ion Ratio Lower Upper

77 100

123 42.5 33.8 50.6

65 12.6 10.3 15.5





#25

Isophorone

Concen: 25.620 ng

RT: 9.18 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

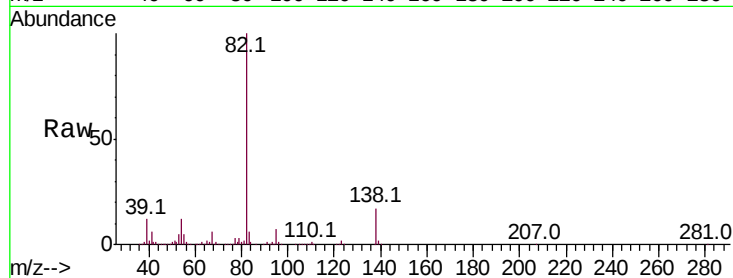
Tot Ion: 82 Resp: 1161949

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

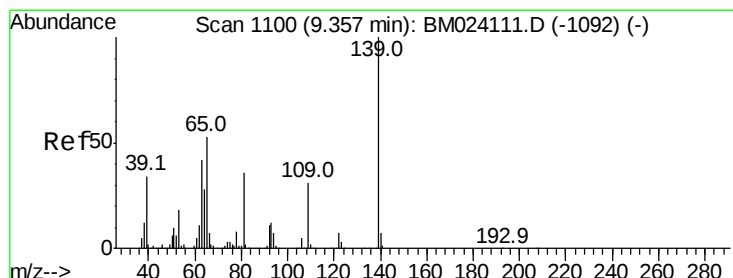
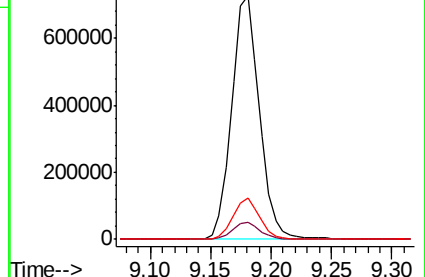
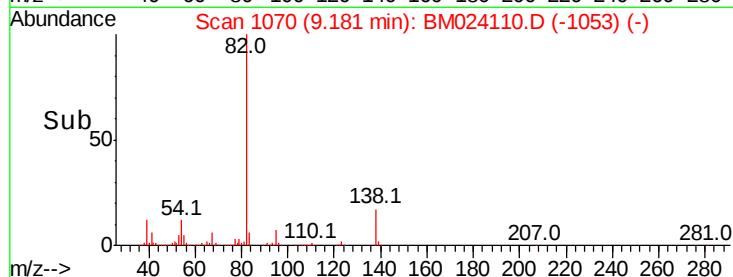
138 16.8 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BM024111.D (-1060) (-)

Ion 95.00 (94.70 to 95.70): BM024111.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BM024111.D (-1060) (-)



#26

2-Nitrophenol

Concen: 23.168 ng

RT: 9.36 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

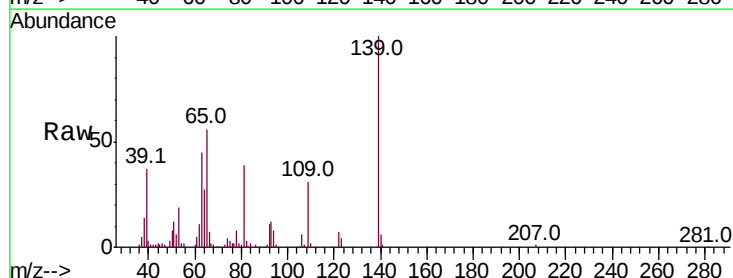
Tgt Ion: 139 Resp: 263962

Ion Ratio Lower Upper

139 100

109 31.3 24.5 36.7

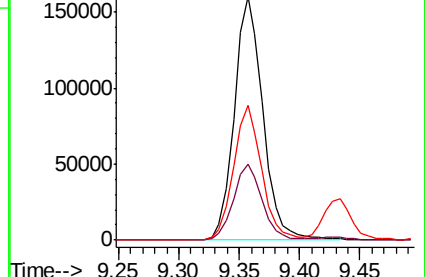
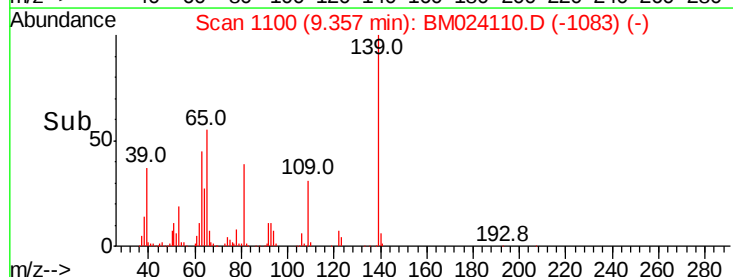
65 55.5 42.1 63.1

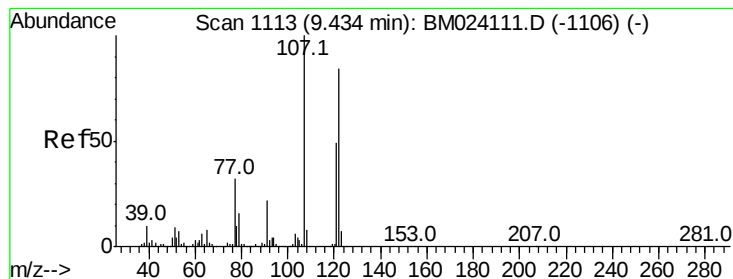


Abundance Ion 139.00 (138.70 to 139.70): BM024111.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BM024111.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM024111.D (-1092) (-)





#27

2,4-Dimethylphenol

Concen: 20.951 ng

RT: 9.43 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

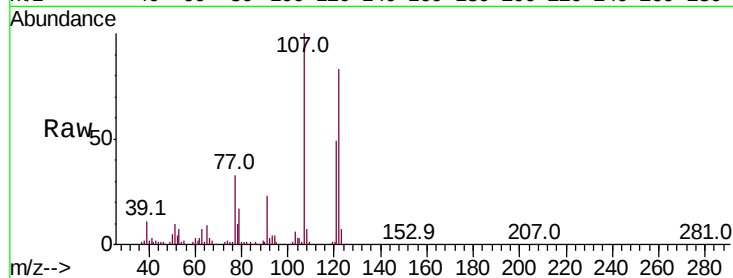
Tot Ion:122 Resp: 399607

Ion Ratio Lower Upper

122 100

107 120.2 95.8 143.6

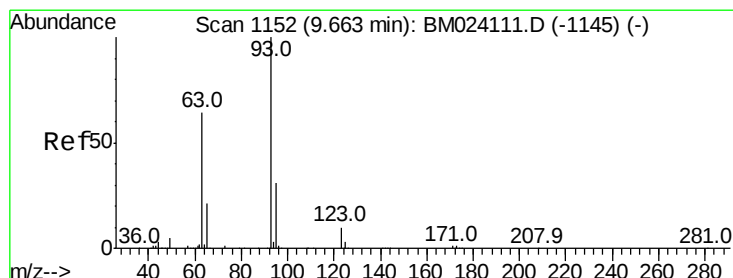
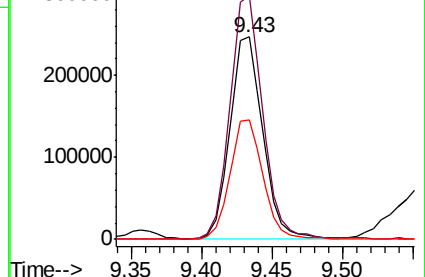
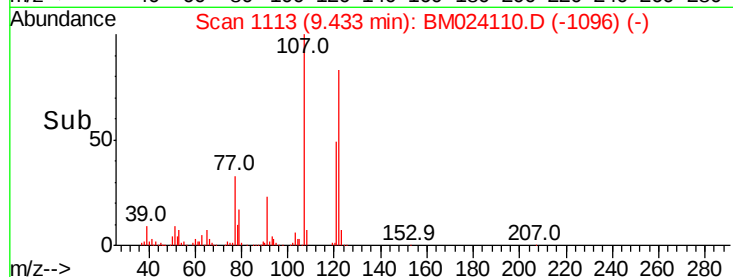
121 59.0 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 24.209 ng

RT: 9.66 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

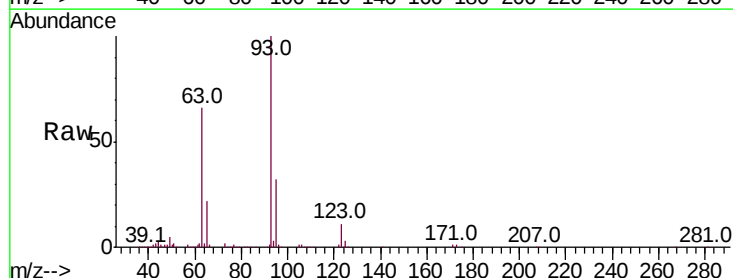
Tgt Ion: 93 Resp: 759792

Ion Ratio Lower Upper

93 100

95 31.8 25.1 37.7

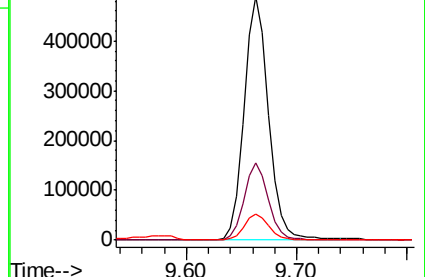
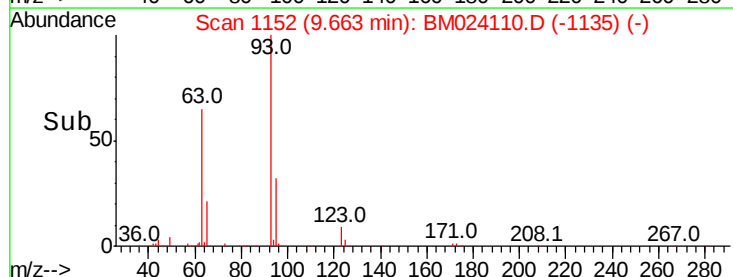
123 10.7 8.5 12.7

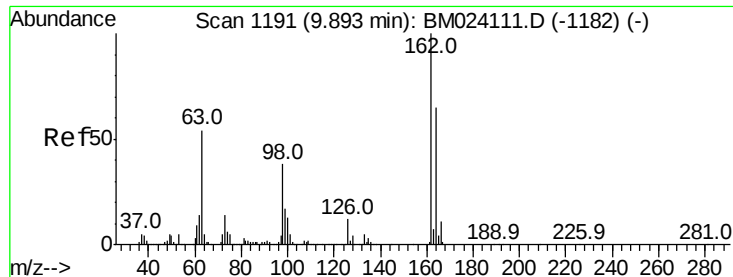


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

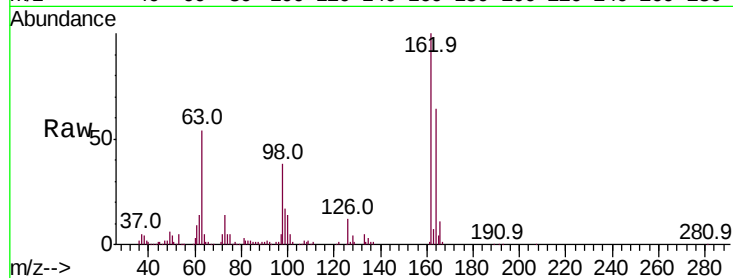




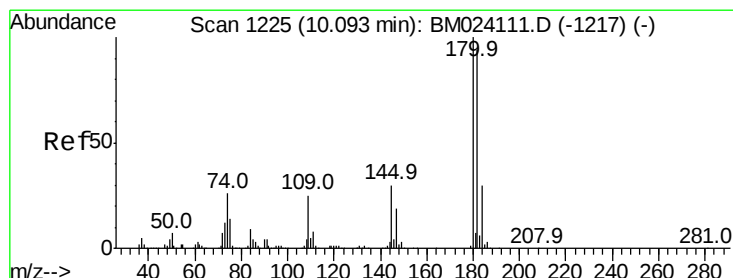
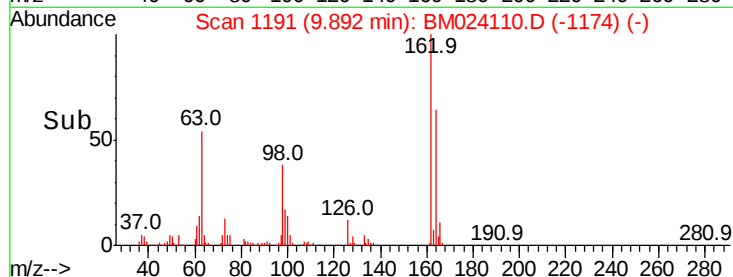
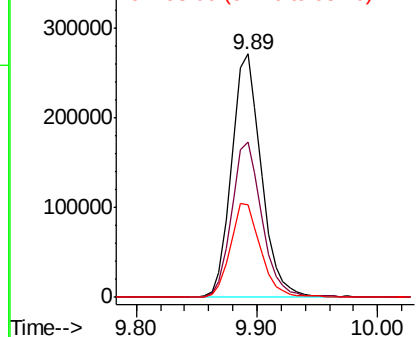
#29  
2,4-Dichlorophenol  
Concen: 21.707 ng  
RT: 9.89 min Scan# 1191  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.5  | 45.1  | 85.1  |
| 98      | 37.8  | 18.2  | 58.2  |

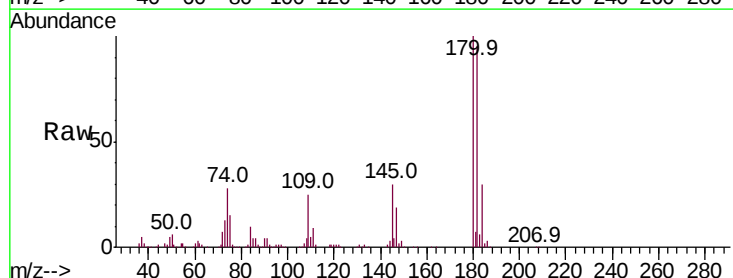


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BM

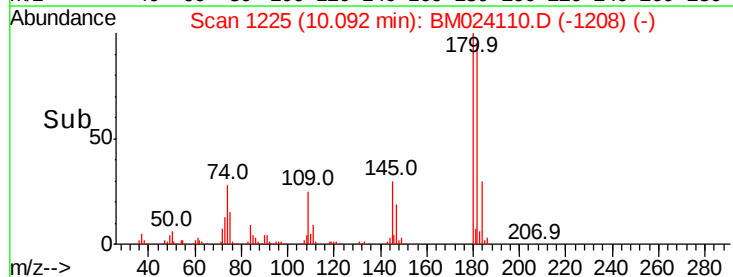
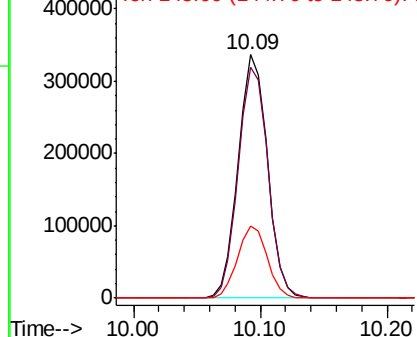


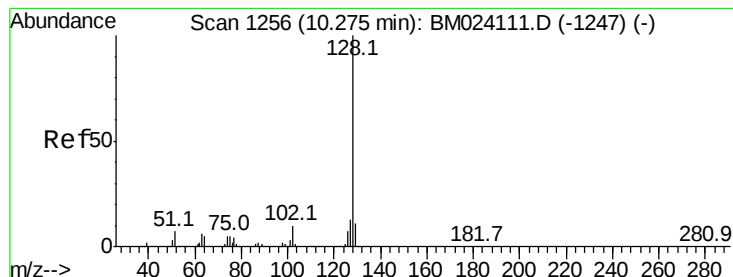
#30  
1,2,4-Trichlorobenzene  
Concen: 20.353 ng  
RT: 10.09 min Scan# 1225  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 75.5  | 113.3 |
| 145     | 29.7  | 24.4  | 36.6  |



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: 21.573 ng

RT: 10.27 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

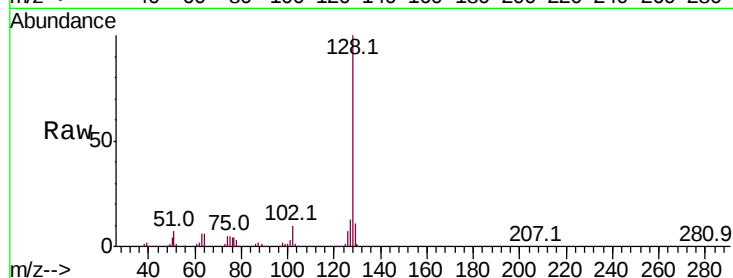
Tot Ion:128 Resp: 1632123

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

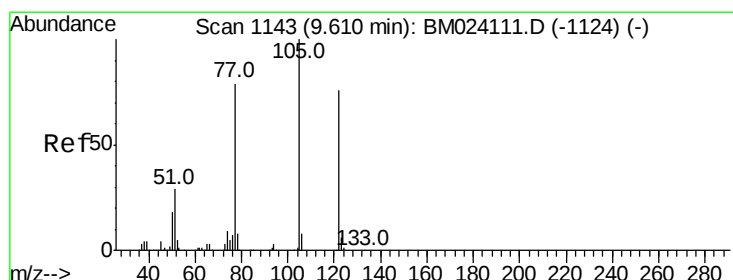
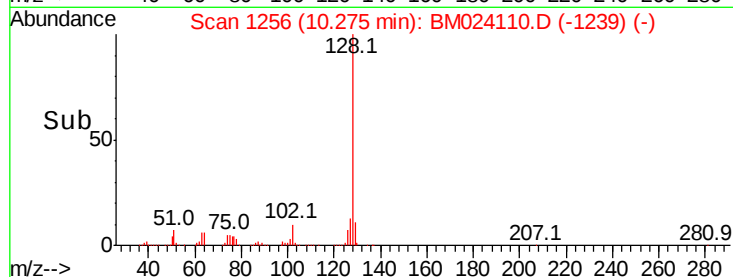
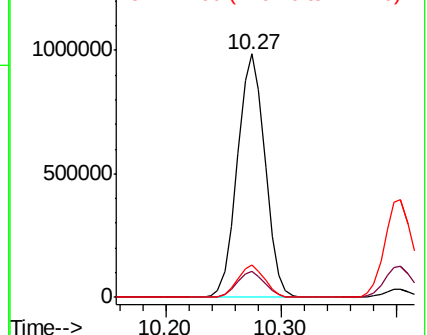
127 13.1 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.706 ng

RT: 9.58 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

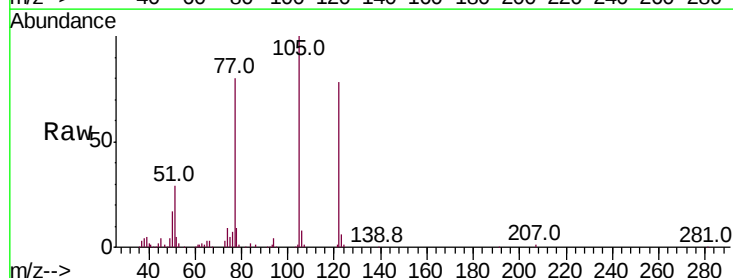
Tgt Ion:122 Resp: 303293

Ion Ratio Lower Upper

122 100

105 127.9 110.4 150.4

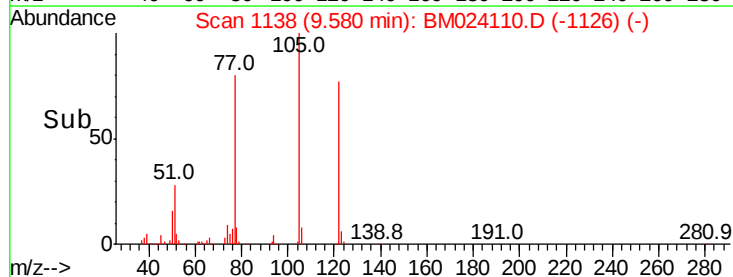
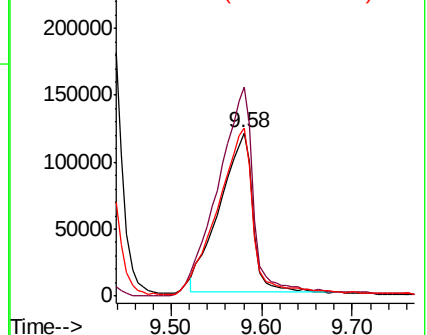
77 102.7 83.0 123.0

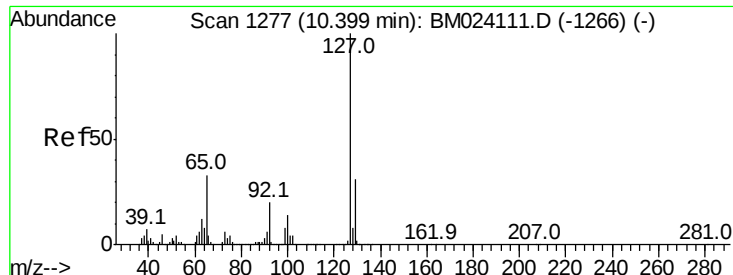


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

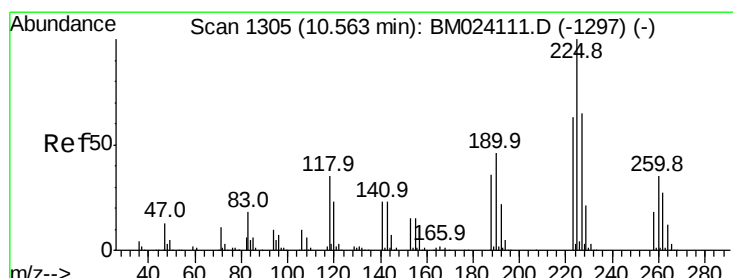
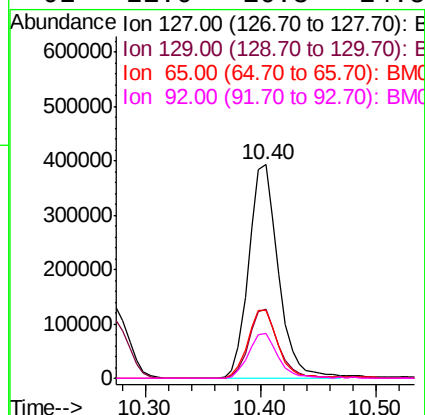
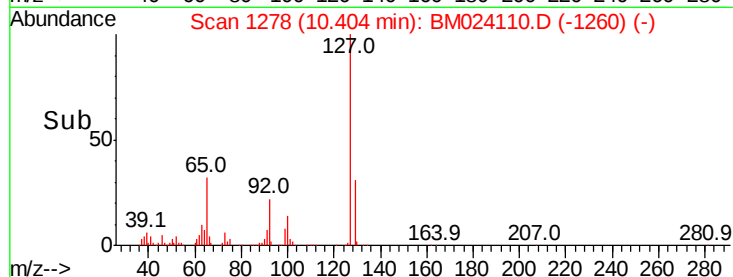
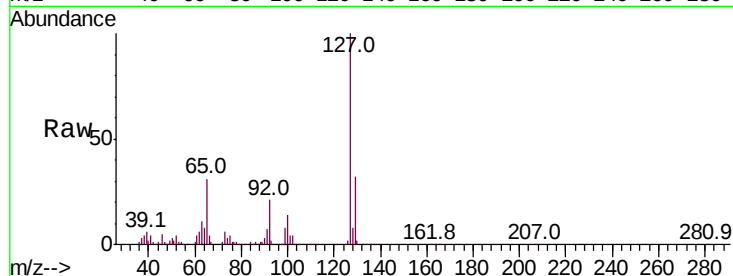




#33  
4-Chloroaniline  
Concen: 21.474 ng  
RT: 10.40 min Scan# 1278  
Delta R.T. 0.01 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

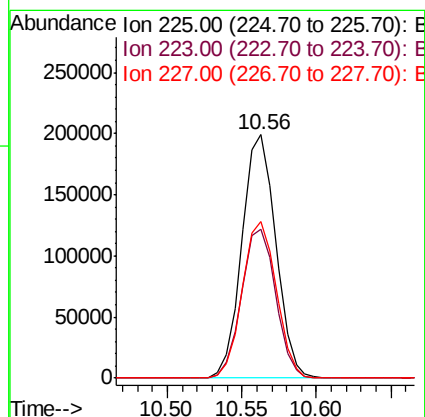
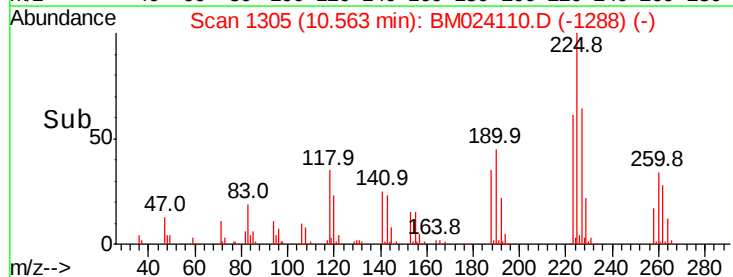
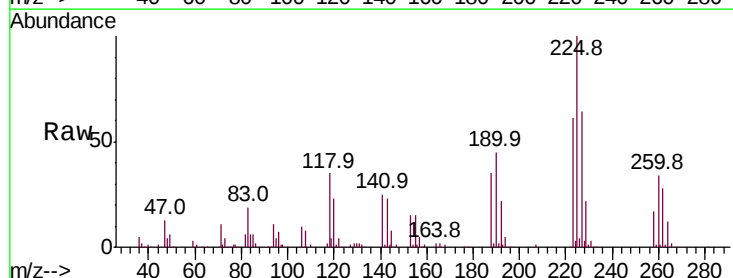
Instrument :  
BNA\_M  
ClientSampleId :

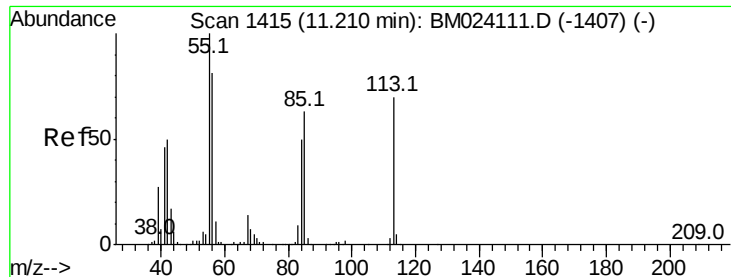
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 705376 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 24.9  | 37.3   |
| 65       | 31.5  | 26.2  | 39.4   |
| 92       | 21.0  | 16.3  | 24.5   |



#34  
Hexachlorobutadiene  
Concen: 19.809 ng  
RT: 10.56 min Scan# 1305  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 313296 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.1  | 50.6  | 75.8   |
| 227      | 64.1  | 52.2  | 78.4   |

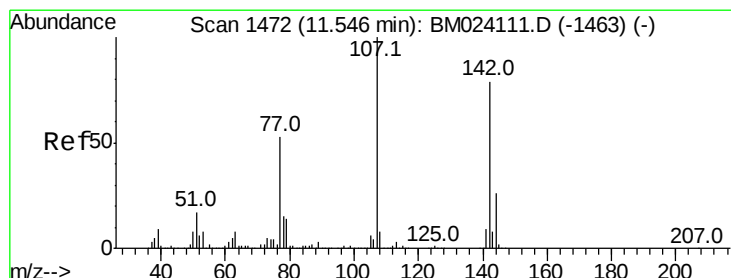
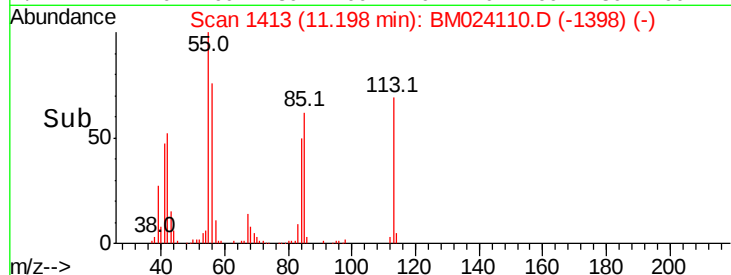
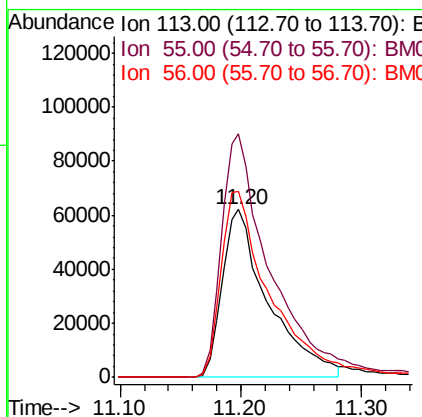
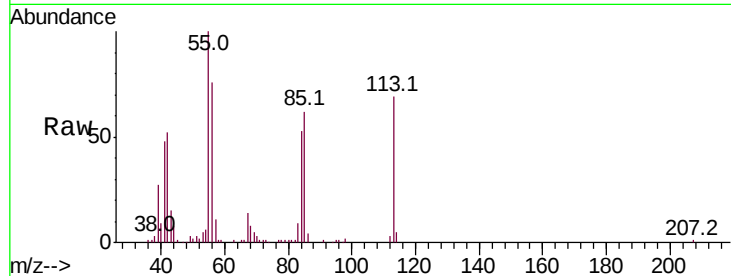




#35  
 Caprolactam  
 Concen: 25.743 ng  
 RT: 11.20 min Scan# 1413  
 Delta R.T. -0.01 min  
 Lab File: BM024110.D  
 Acq: 16 Dec 2019 16:09

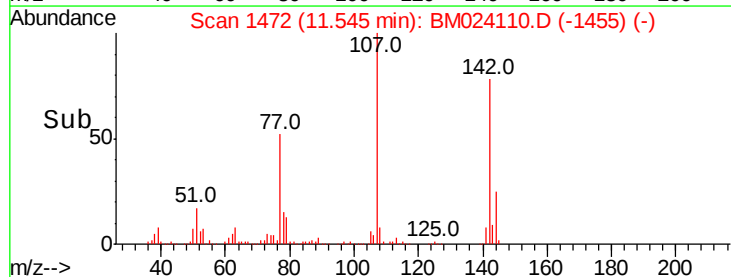
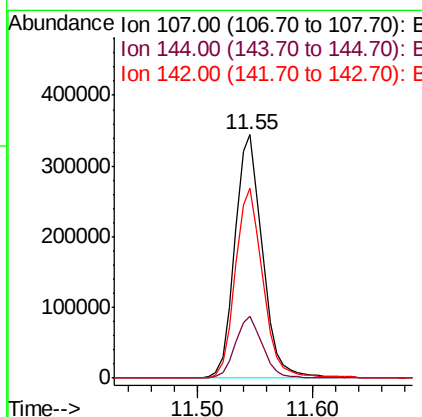
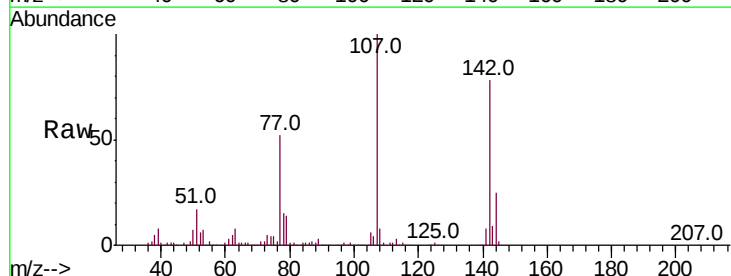
Instrument :  
 BNA\_M  
 ClientSampled :

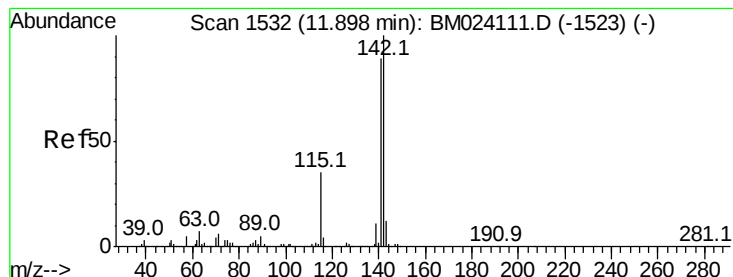
Tot Ion:113 Resp: 164575  
 Ion Ratio Lower Upper  
 113 100  
 55 145.0 122.4 162.4  
 56 110.7 95.5 135.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 27.176 ng  
 RT: 11.55 min Scan# 1472  
 Delta R.T. -0.00 min  
 Lab File: BM024110.D  
 Acq: 16 Dec 2019 16:09

Tgt Ion:107 Resp: 571755  
 Ion Ratio Lower Upper  
 107 100  
 144 25.3 20.5 30.7  
 142 78.2 63.6 95.4





#37

2-Methylnaphthalene

Concen: 23.115 ng

RT: 11.90 min Scan# 1533

Delta R.T. 0.01 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

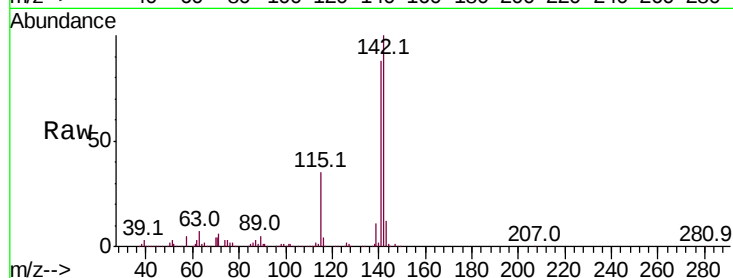
Tot Ion:142 Resp: 1217298

Ion Ratio Lower Upper

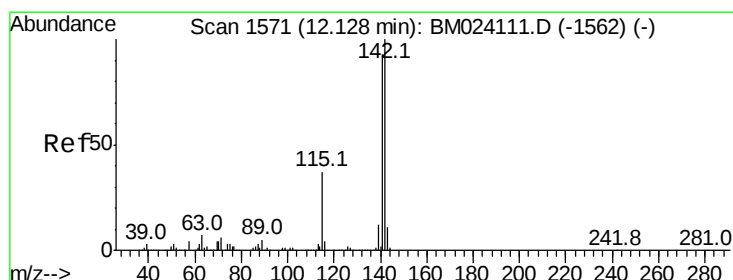
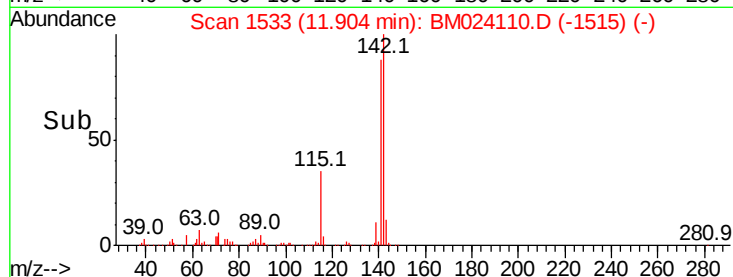
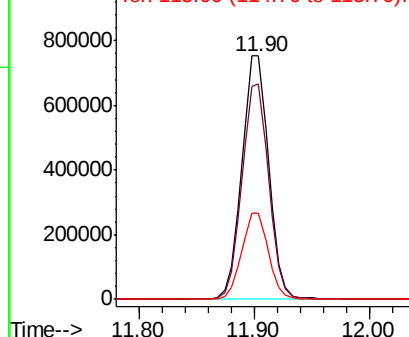
142 100

141 88.3 71.0 106.6

115 35.4 28.4 42.6



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



#38

1-Methylnaphthalene

Concen: 23.418 ng

RT: 12.12 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

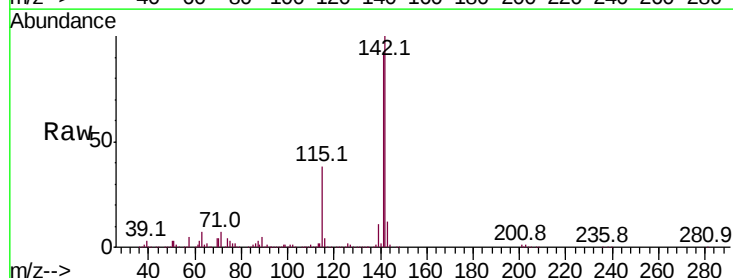
Tgt Ion:142 Resp: 1170637

Ion Ratio Lower Upper

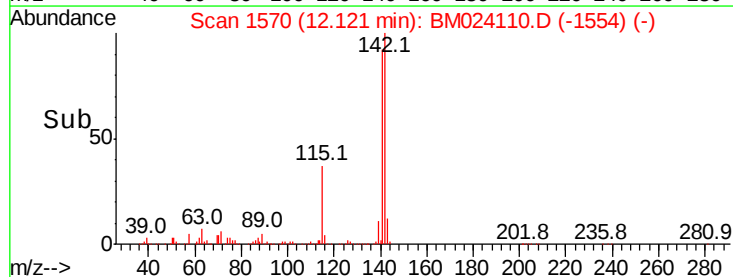
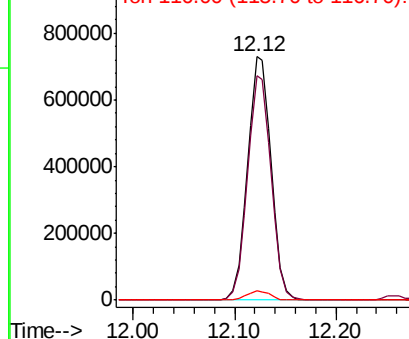
142 100

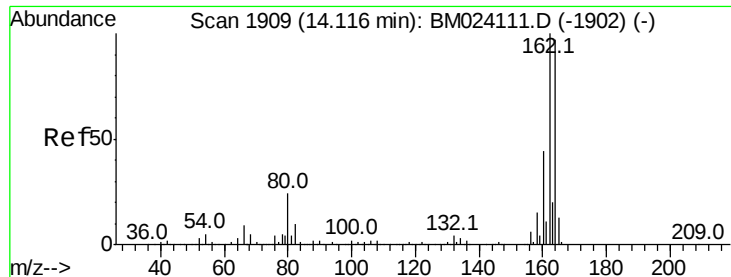
141 92.3 74.5 111.7

116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.12 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampled :

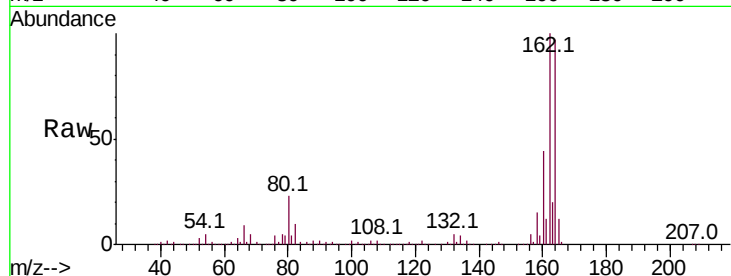
Tot Ion:164 Resp: 1023178

Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.4

160 45.2 35.9 53.9

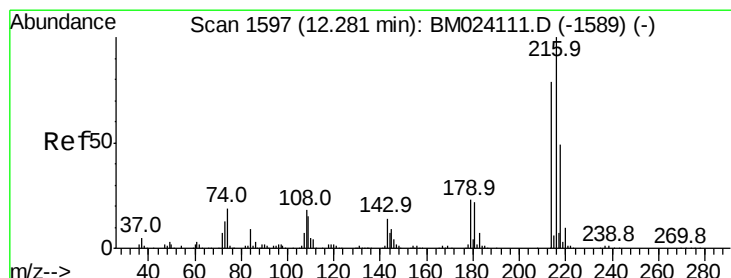
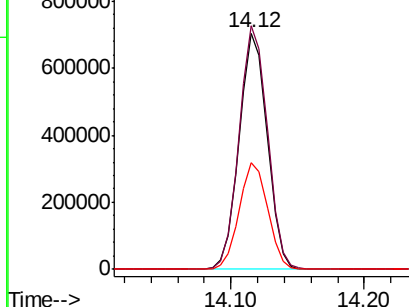
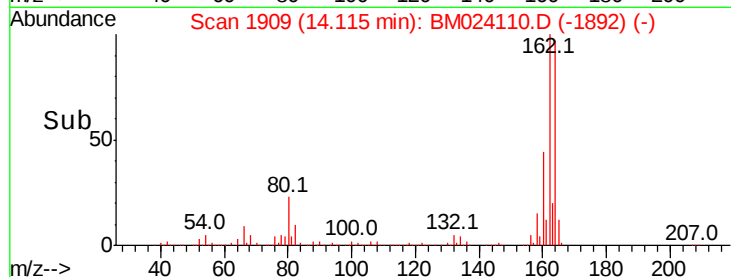


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 17.370 ng

RT: 12.28 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tgt Ion:216 Resp: 602200

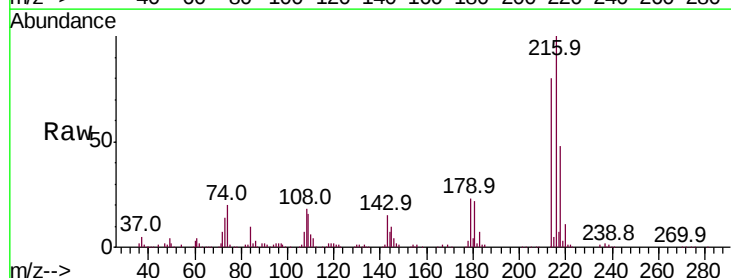
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 22.5 18.0 27.0

108 19.5 15.4 23.0



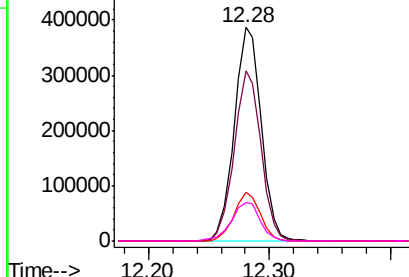
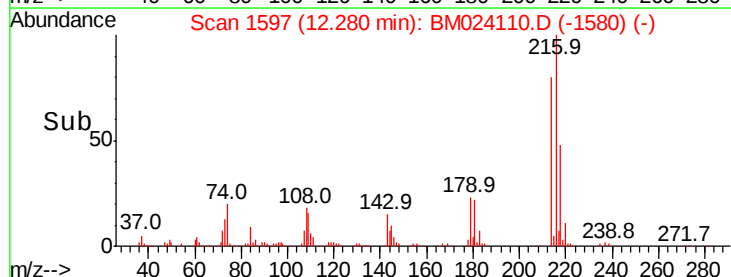
Abundance

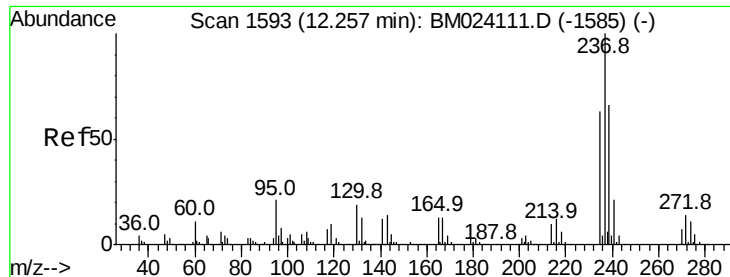
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 9.047 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

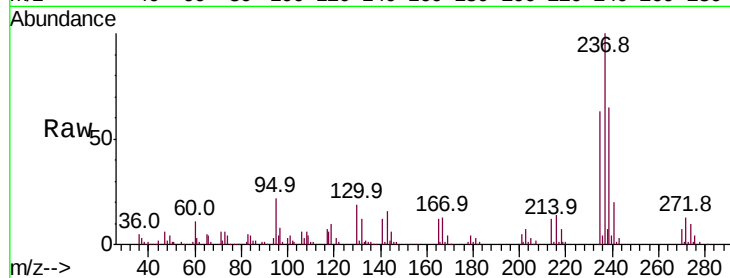
Tot Ion:237 Resp: 171126

Ion Ratio Lower Upper

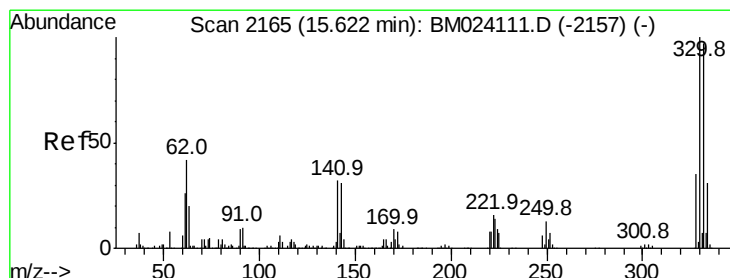
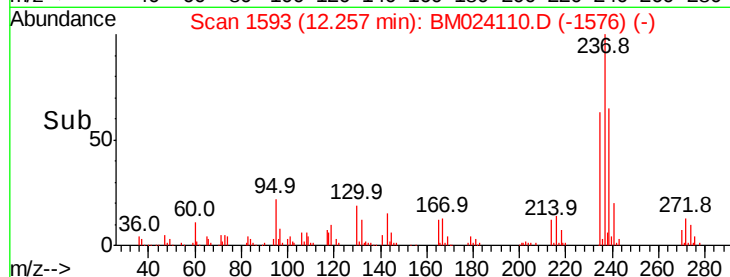
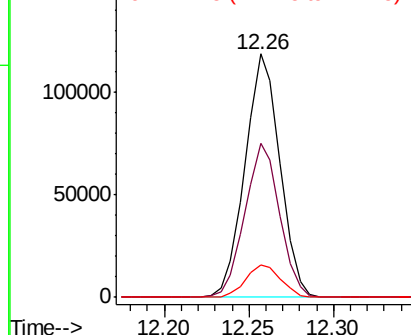
237 100

235 63.0 43.0 83.0

272 13.4 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 44.859 ng

RT: 15.62 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

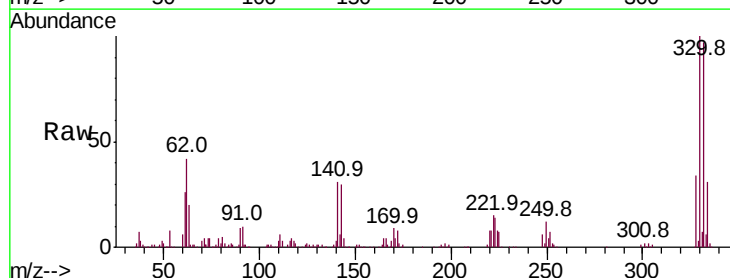
Tgt Ion:330 Resp: 572973

Ion Ratio Lower Upper

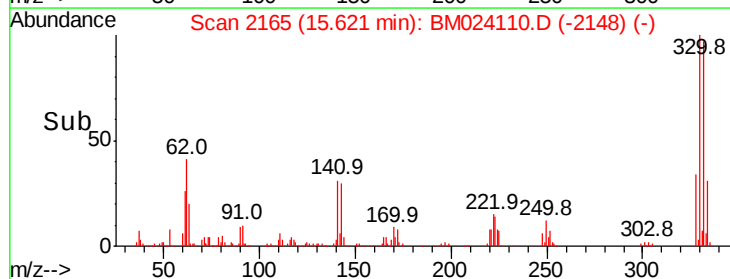
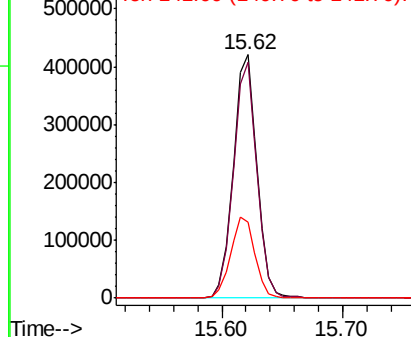
330 100

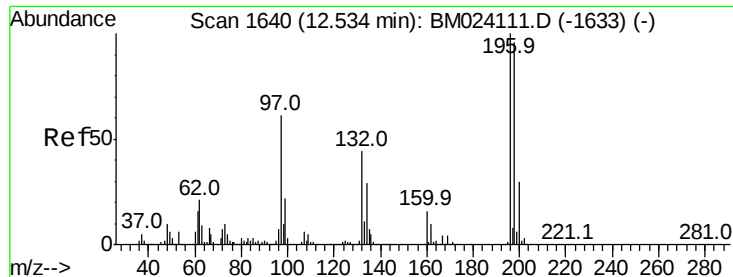
332 96.2 77.3 115.9

141 34.3 27.0 40.6



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

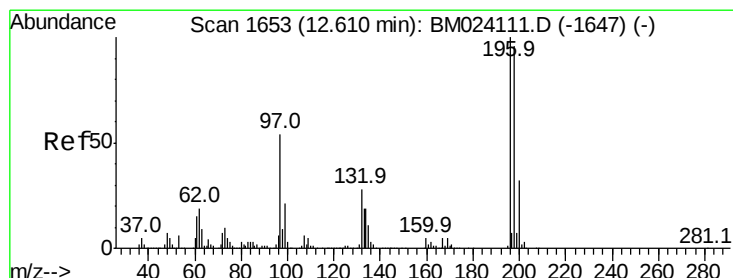
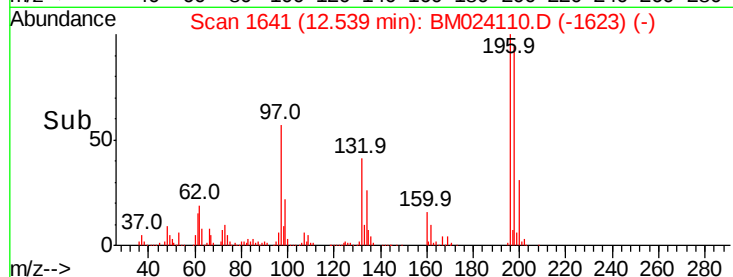
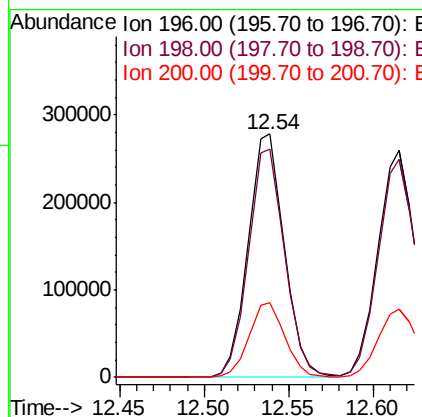
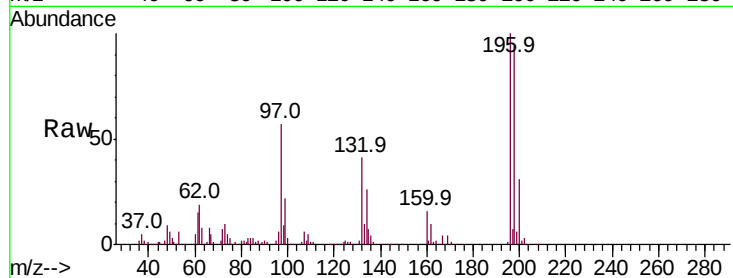




#43  
2,4,6-Trichlorophenol  
Concen: 20.799 ng  
RT: 12.54 min Scan# 1641  
Delta R.T. 0.01 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

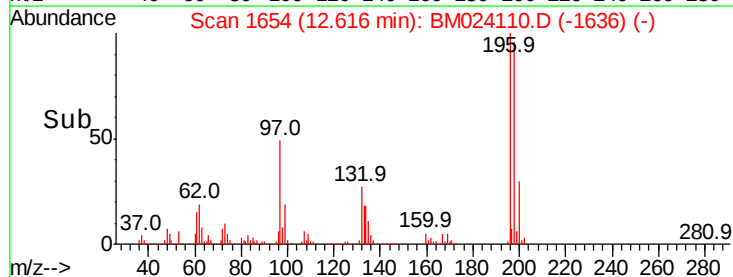
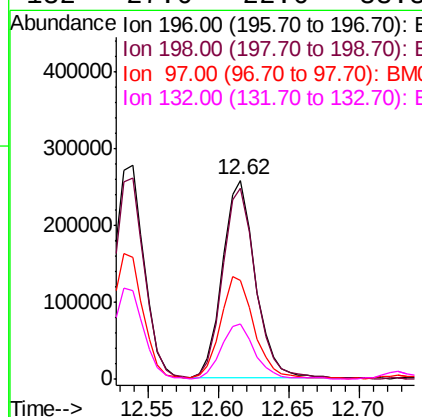
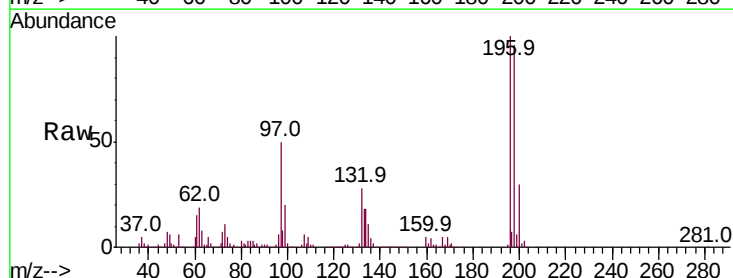
Instrument :  
BNA\_M  
ClientSampleId :

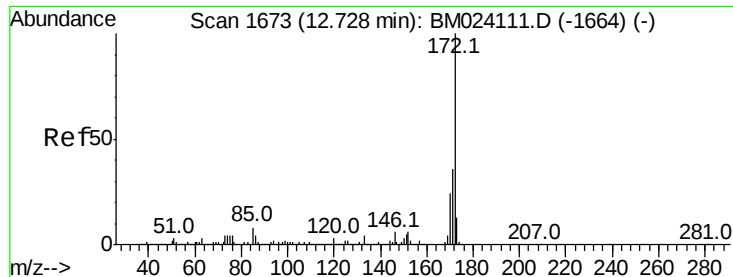
Tot Ion:196 Resp: 416182  
Ion Ratio Lower Upper  
196 100  
198 94.0 77.1 115.7  
200 30.5 24.1 36.1



#44  
2,4,5-Trichlorophenol  
Concen: 19.851 ng  
RT: 12.62 min Scan# 1654  
Delta R.T. 0.01 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

Tgt Ion:196 Resp: 413923  
Ion Ratio Lower Upper  
196 100  
198 96.2 76.6 114.8  
97 49.7 42.9 64.3  
132 27.6 22.6 33.8

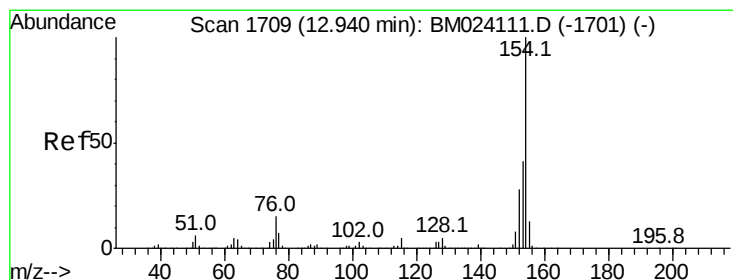
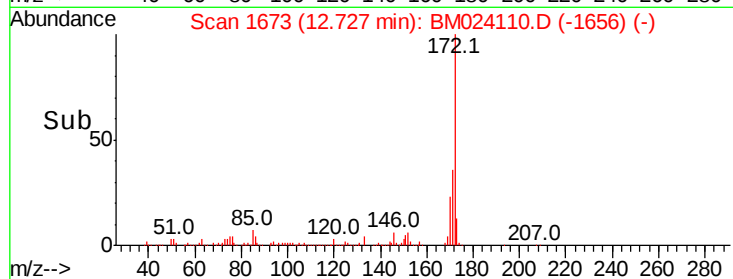
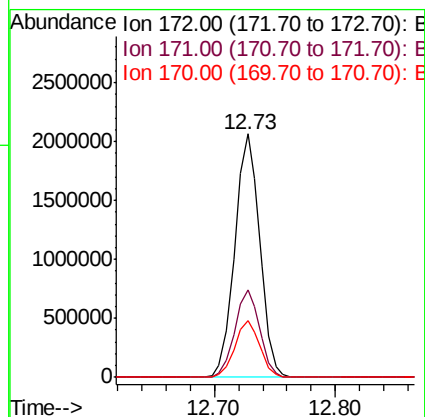
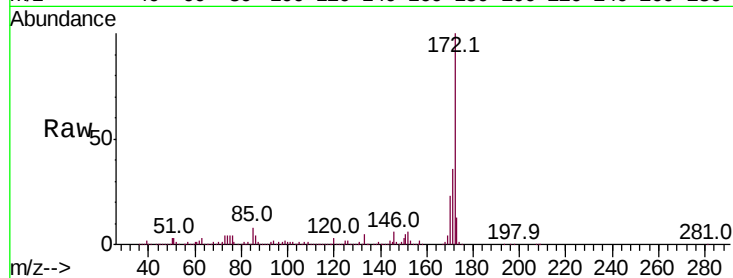




#45  
2-Fluorobiphenyl  
Concen: 40.115 ng  
RT: 12.73 min Scan# 1673  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

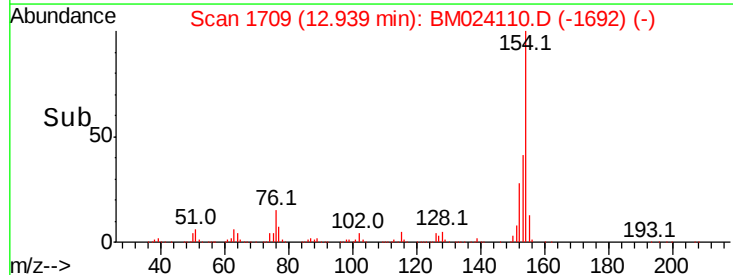
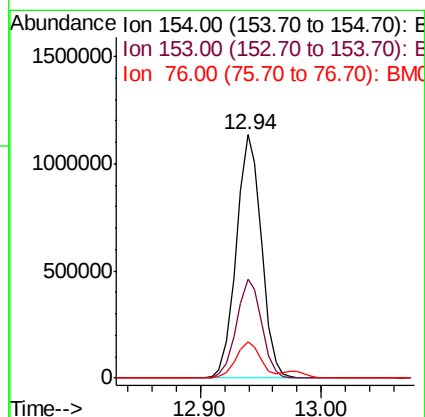
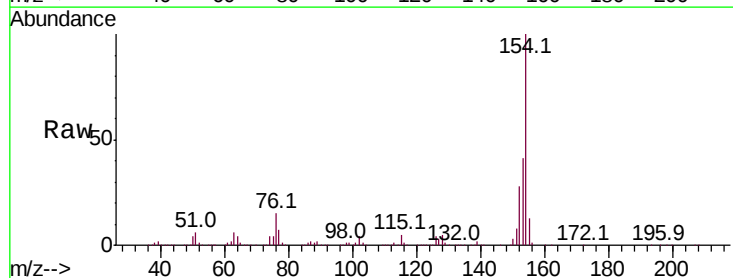
Instrument :  
BNA\_M  
ClientSampleId :

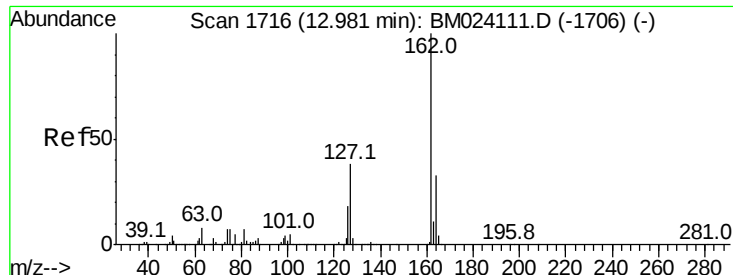
Tot Ion:172 Resp: 2980636  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.7 43.1  
170 23.3 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 19.456 ng  
RT: 12.94 min Scan# 1709  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

Tgt Ion:154 Resp: 1647589  
Ion Ratio Lower Upper  
154 100  
153 40.8 21.1 61.1  
76 14.7 0.0 35.1

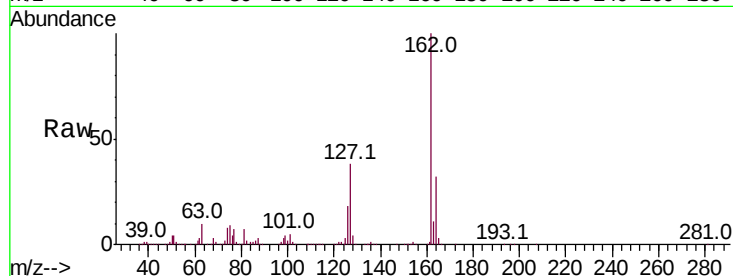




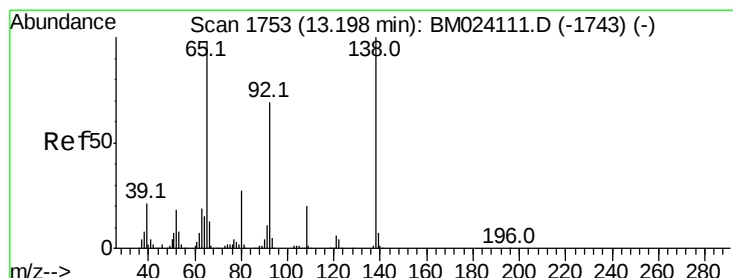
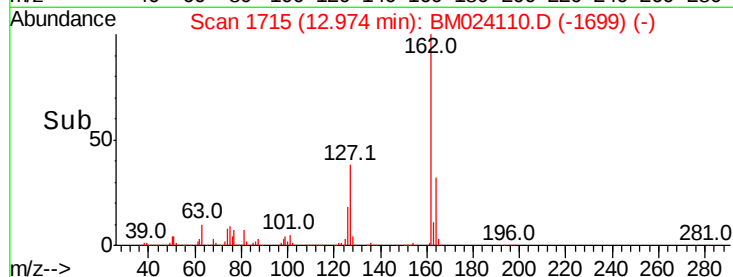
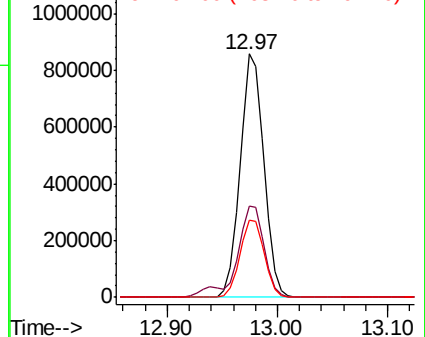
#47  
2-Chloronaphthalene  
Concen: 20.563 ng  
RT: 12.97 min Scan# 1715  
Delta R.T. -0.01 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:162 Resp: 1297853  
Ion Ratio Lower Upper  
162 100  
127 37.7 31.0 46.4  
164 31.9 26.2 39.2

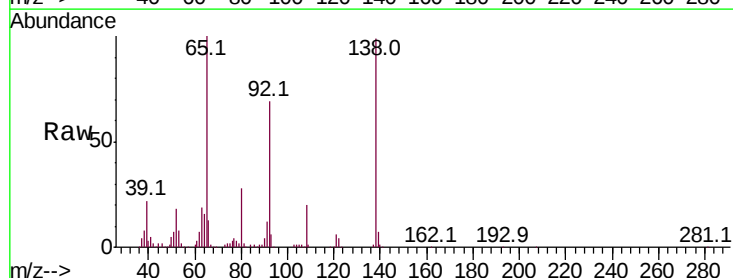


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

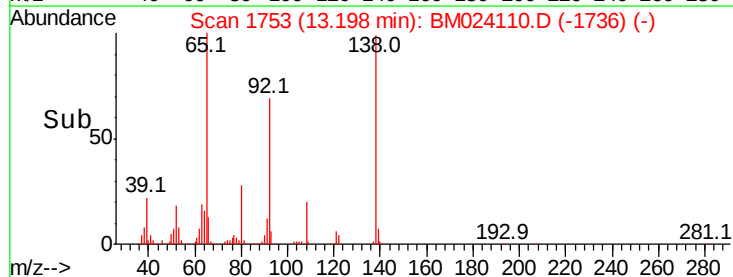
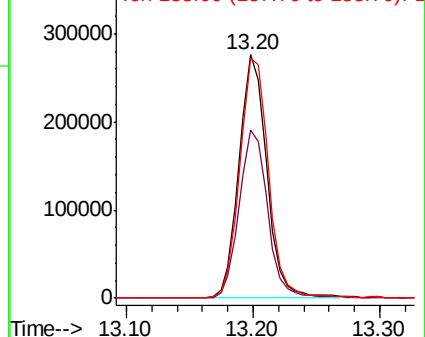


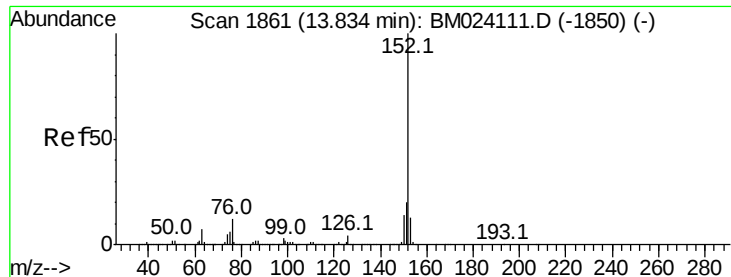
#48  
2-Nitroaniline  
Concen: 25.551 ng  
RT: 13.20 min Scan# 1753  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

Tgt Ion: 65 Resp: 419942  
Ion Ratio Lower Upper  
65 100  
92 69.3 56.4 84.6  
138 98.5 81.9 122.9



Abundance Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 21.486 ng

RT: 13.83 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

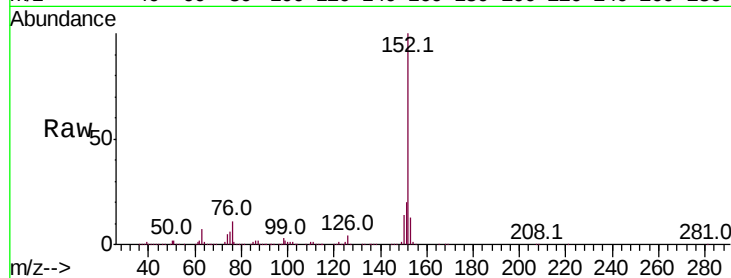
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:152 Resp: 2008230

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.3  | 16.1  | 24.1  |
| 153 | 13.3  | 10.6  | 15.8  |

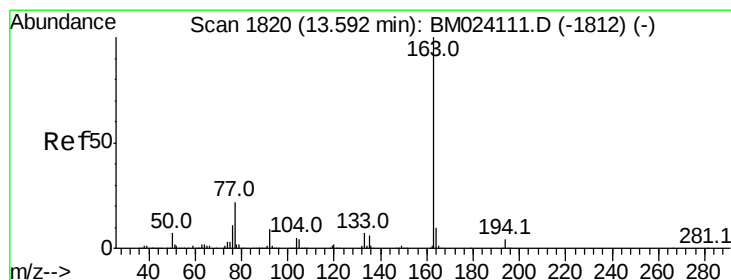
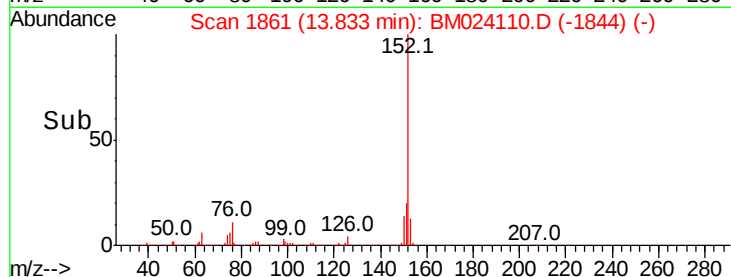
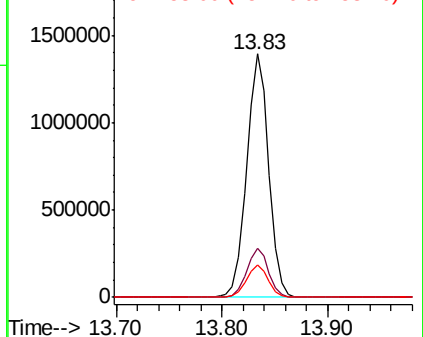


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 22.673 ng

RT: 13.59 min Scan# 1820

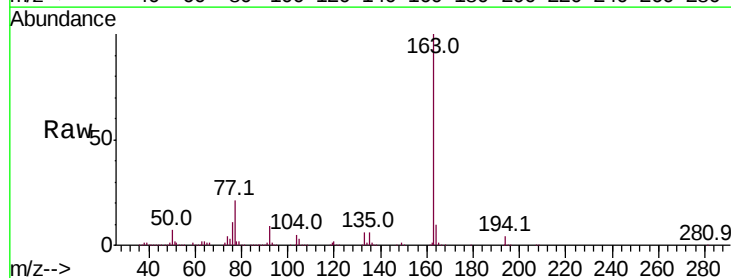
Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tgt Ion:163 Resp: 1676490

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.1   | 3.3   | 4.9   |
| 164 | 10.2  | 8.1   | 12.1  |

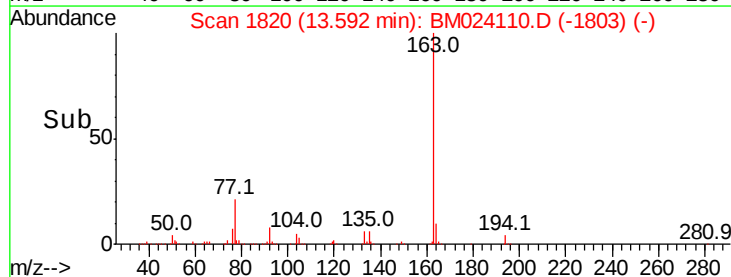
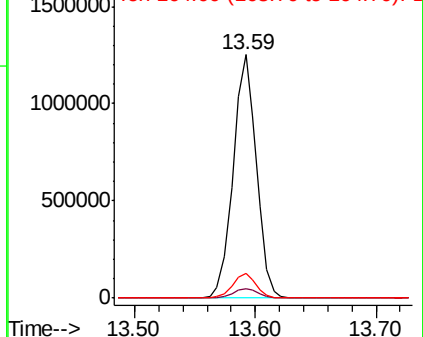


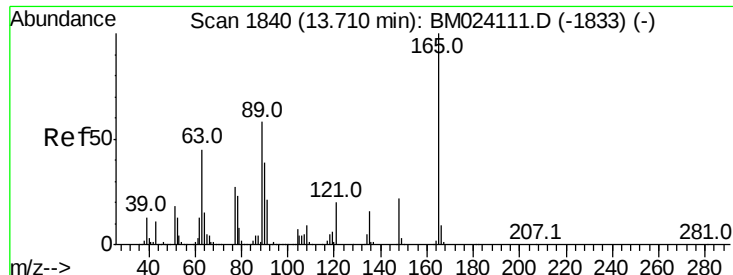
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

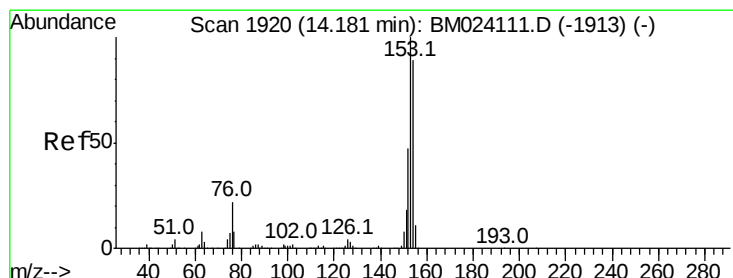
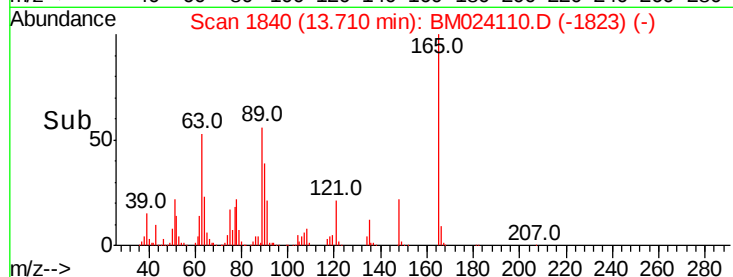
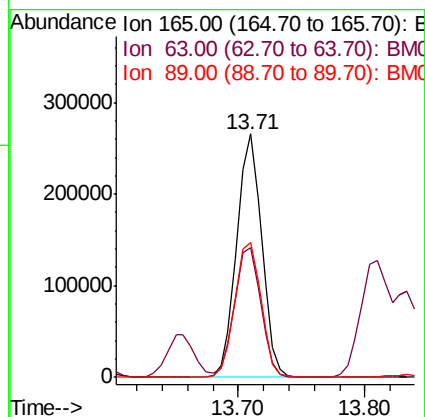
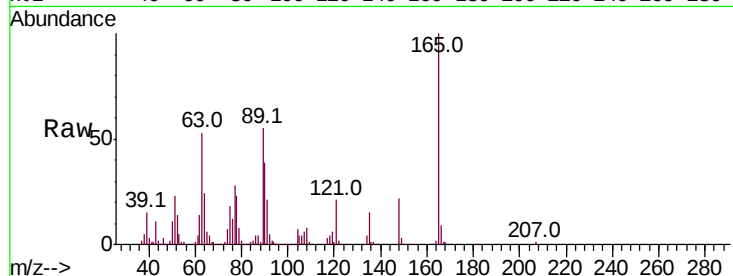




#51  
2,6-Dinitrotoluene  
Concen: 23.375 ng  
RT: 13.71 min Scan# 1840  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

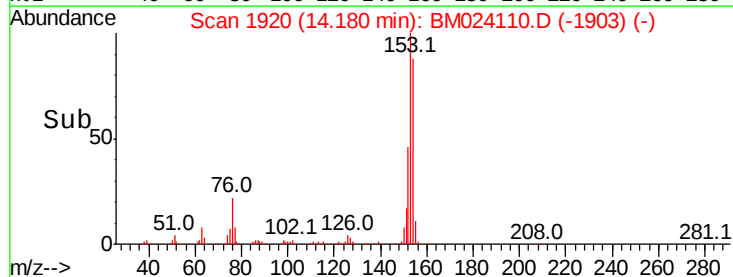
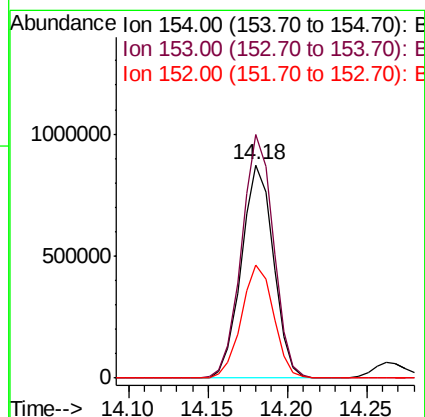
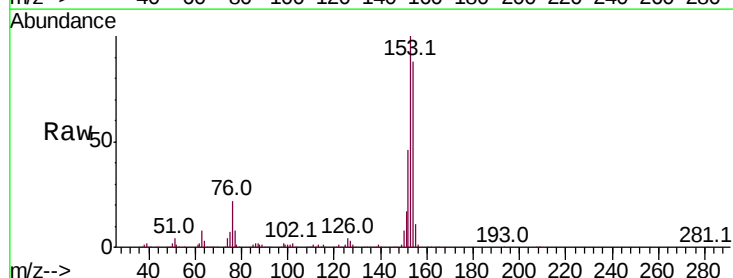
Instrument :  
BNA\_M  
ClientSampleId :

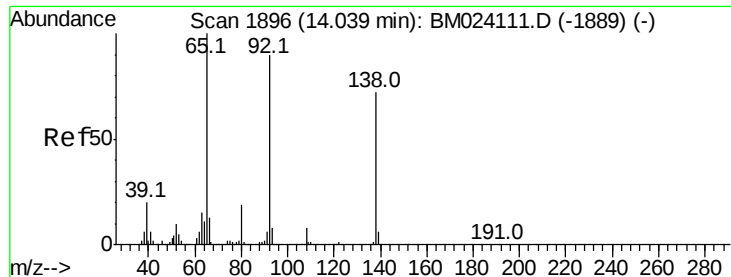
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 53.1  | 43.0  | 64.6  |
| 89      | 55.4  | 46.4  | 69.6  |



#52  
Acenaphthene  
Concen: 20.098 ng  
RT: 14.18 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.2 | 90.4  | 135.6 |
| 152     | 52.9  | 42.3  | 63.5  |

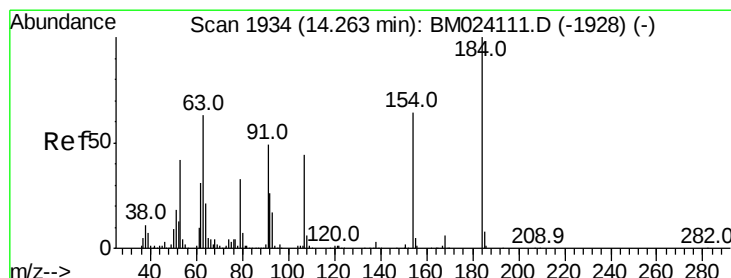
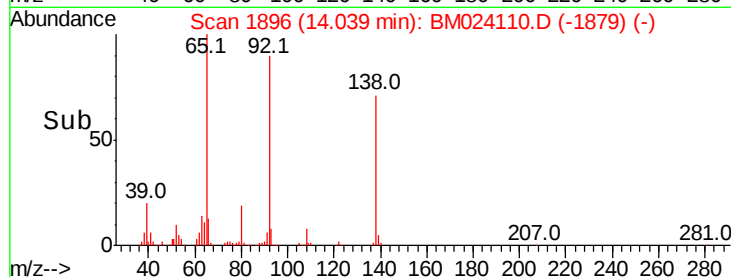
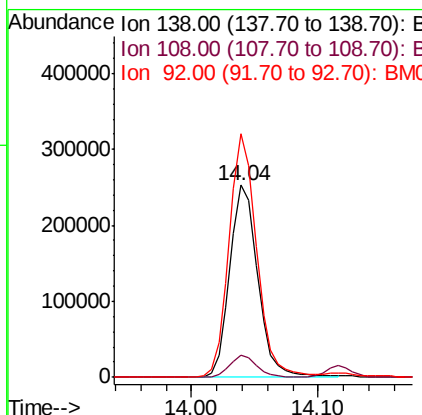
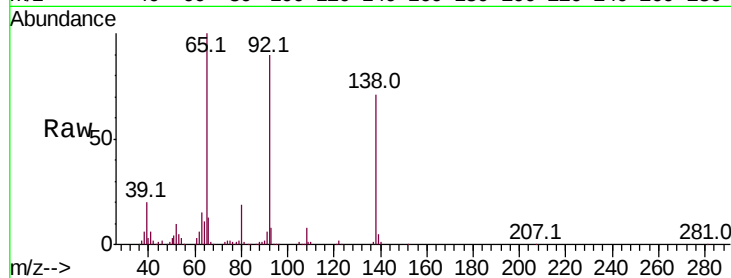




#53  
3-Nitroaniline  
Concen: 21.890 ng  
RT: 14.04 min Scan# 1896  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

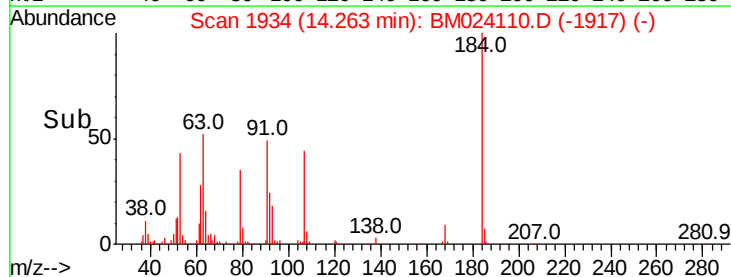
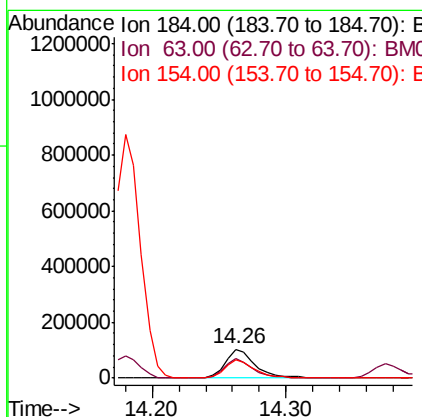
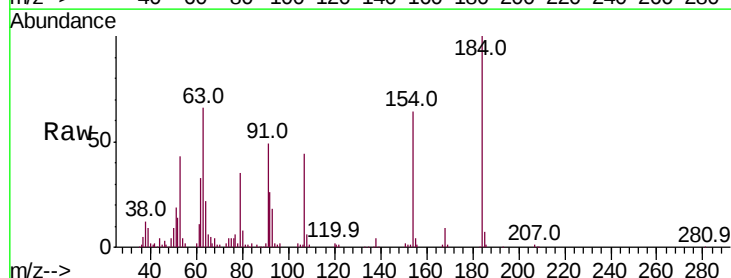
Instrument :  
BNA\_M  
ClientSampleId :

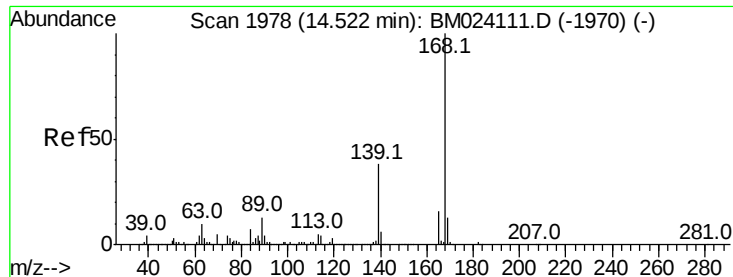
Tot Ion:138 Resp: 389765  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.8 13.2  
92 126.7 100.6 150.8



#54  
2,4-Dinitrophenol  
Concen: 22.679 ng  
RT: 14.26 min Scan# 1934  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

Tgt Ion:184 Resp: 165619  
Ion Ratio Lower Upper  
184 100  
63 65.5 50.2 75.4  
154 63.7 51.8 77.8

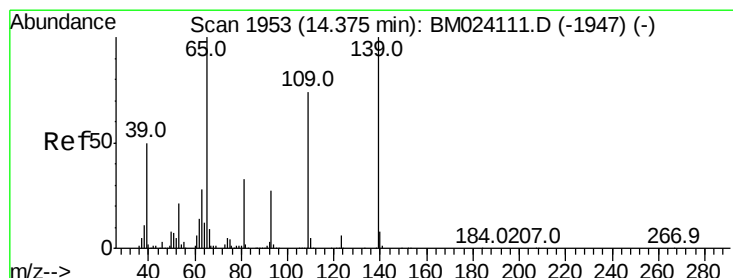
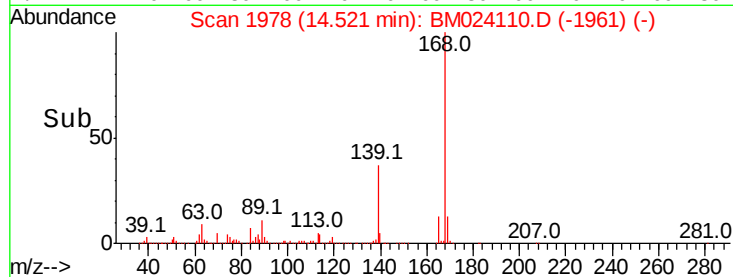
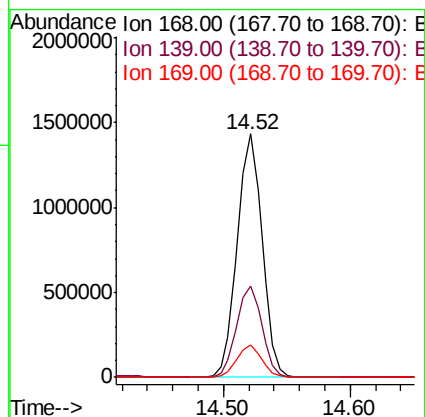
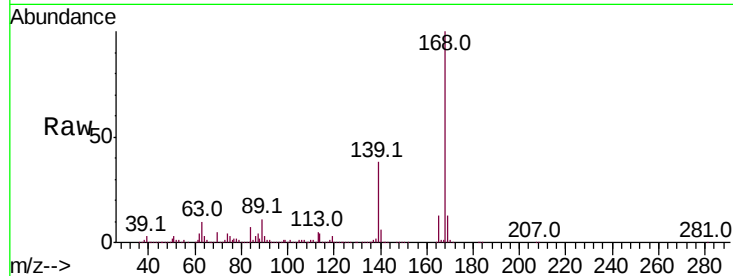




#55  
Dibenzofuran  
Concen: 21.874 ng  
RT: 14.52 min Scan# 1978  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

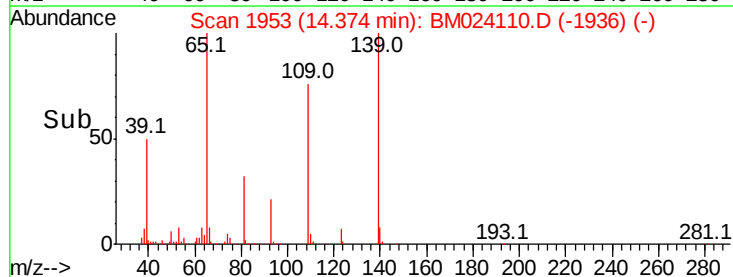
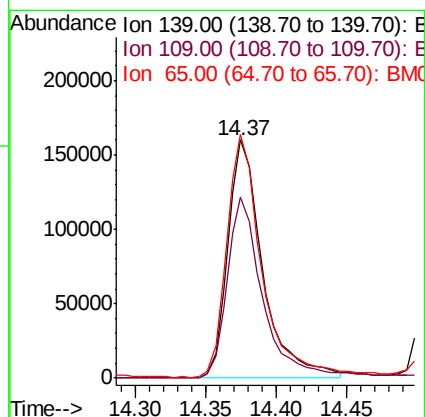
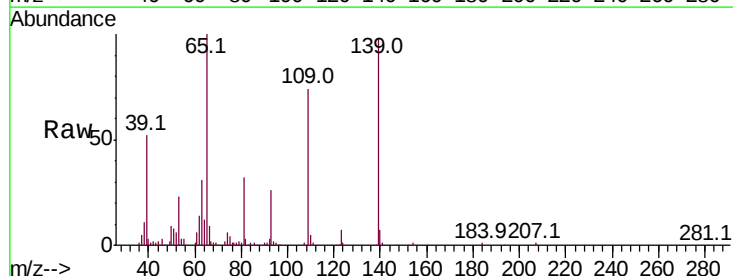
Instrument :  
BNA\_M  
ClientSampleId :

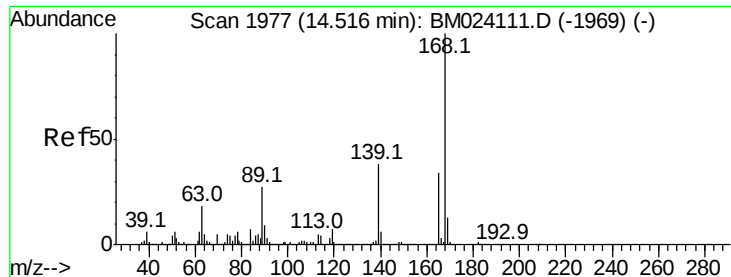
Tot Ion:168 Resp: 1952670  
Ion Ratio Lower Upper  
168 100  
139 37.6 30.4 45.6  
169 13.2 10.6 16.0



#56  
4-Nitrophenol  
Concen: 20.175 ng  
RT: 14.37 min Scan# 1953  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

Tgt Ion:139 Resp: 276114  
Ion Ratio Lower Upper  
139 100  
109 75.8 54.2 94.2  
65 102.3 80.5 120.5

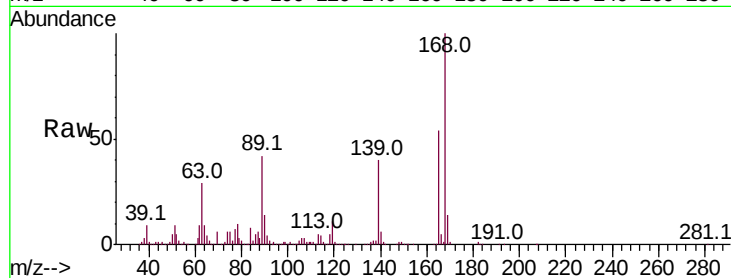




#57  
2,4-Dinitrotoluene  
Concen: 24.611 ng  
RT: 14.51 min Scan# 1976  
Delta R.T. -0.01 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 53.5  | 42.6  | 64.0  |
| 89      | 78.6  | 61.6  | 92.4  |
| 182     | 2.7   | 2.4   | 3.6   |



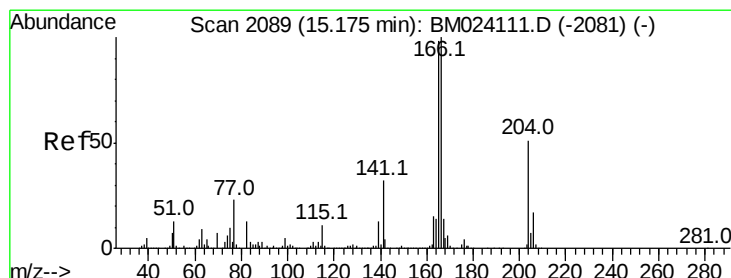
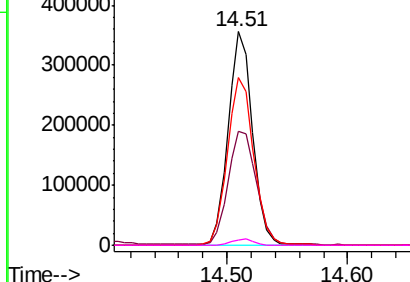
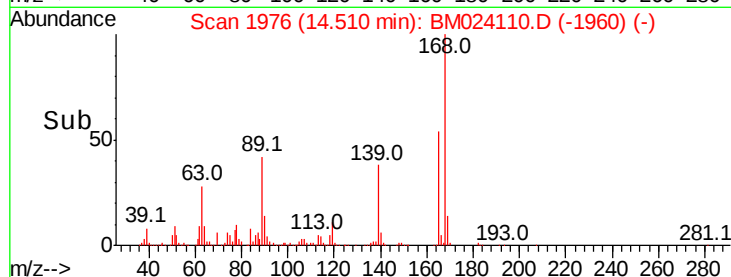
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

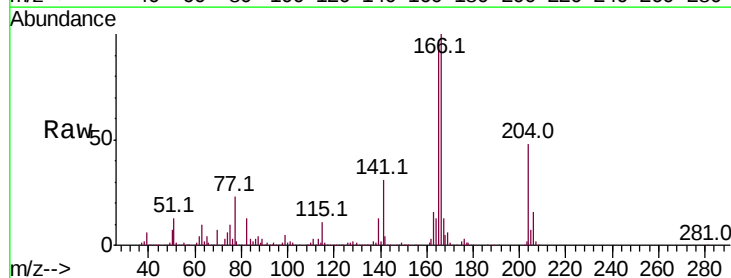
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 22.095 ng  
RT: 15.17 min Scan# 2089  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.3  | 78.0  | 117.0 |
| 167     | 13.2  | 10.9  | 16.3  |

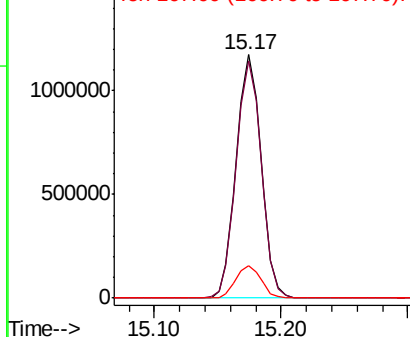
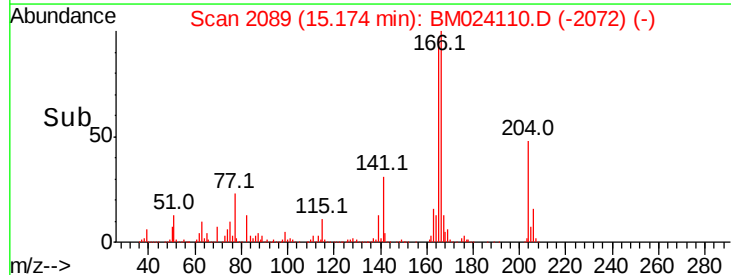


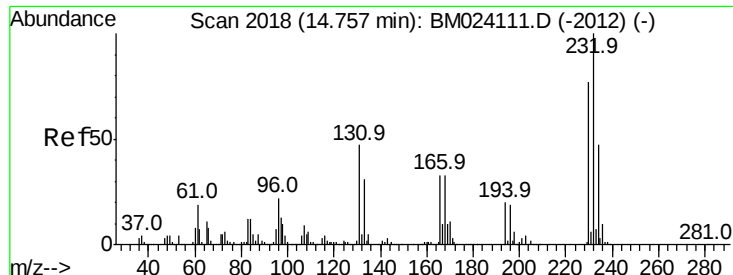
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

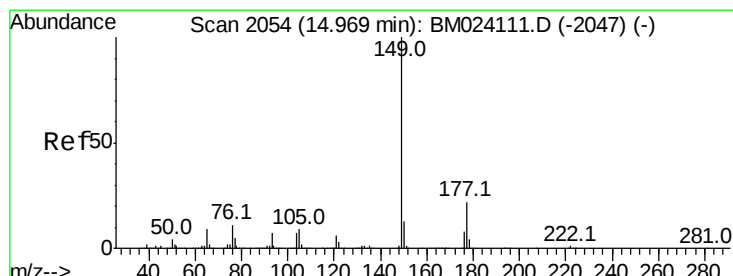
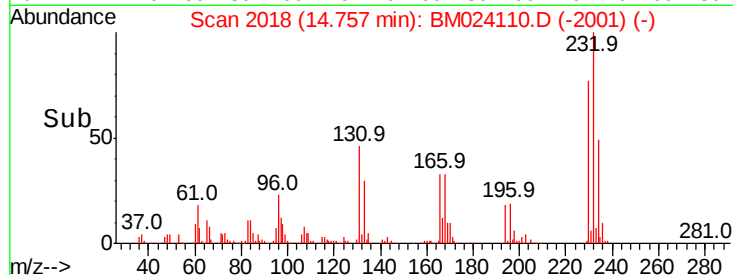
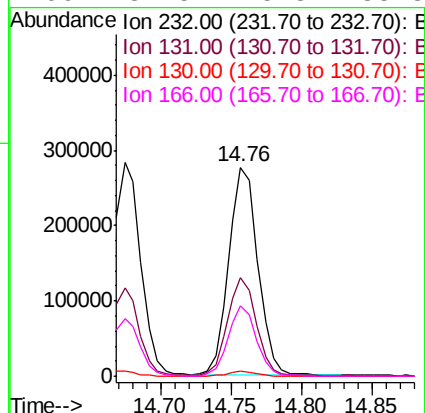
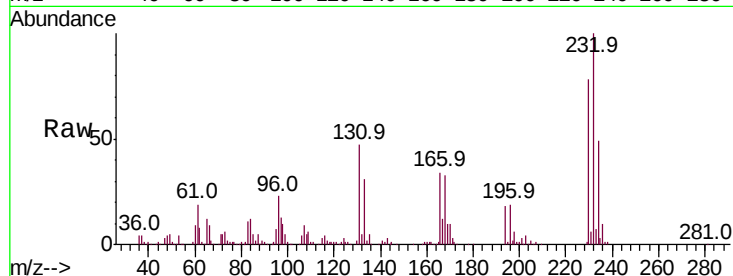




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 21.796 ng  
RT: 14.76 min Scan# 2018  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

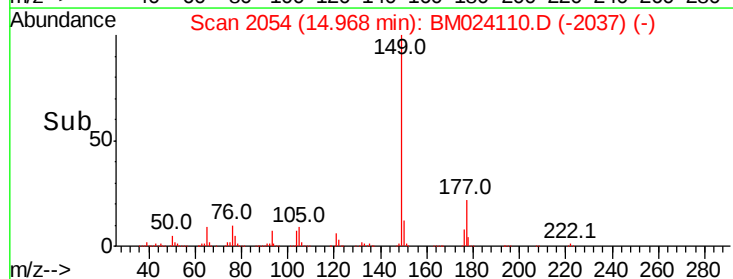
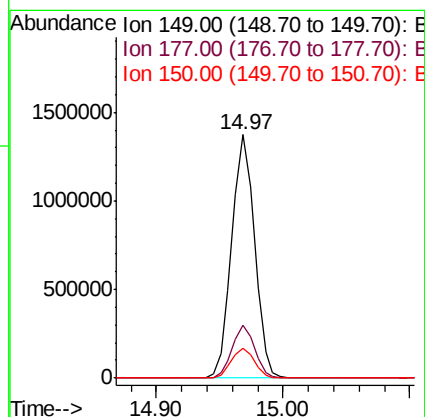
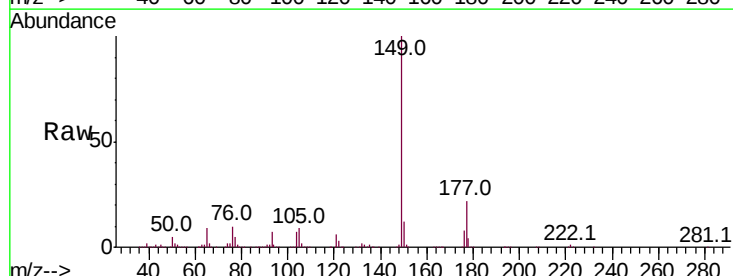
Instrument :  
BNA\_M  
ClientSampled :

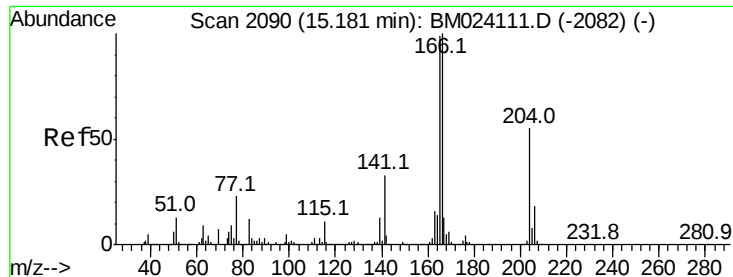
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 46.7  | 36.1  | 54.1  |
| 130     | 2.4   | 1.9   | 2.9   |
| 166     | 32.5  | 25.5  | 38.3  |



#60  
Diethylphthalate  
Concen: 23.834 ng  
RT: 14.97 min Scan# 2054  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.7  | 17.3  | 25.9  |
| 150     | 12.4  | 10.1  | 15.1  |

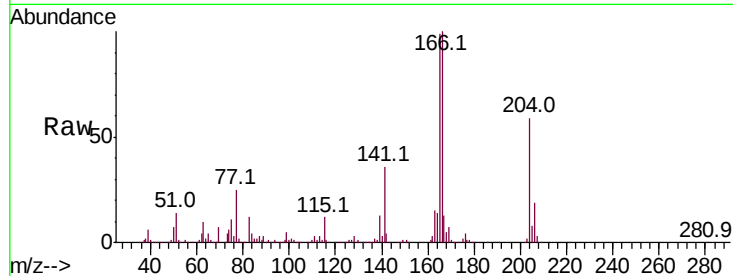




#61  
4-Chlorophenyl-phenylether  
Concen: 21.053 ng  
RT: 15.18 min Scan# 2090  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.3  | 25.8  | 38.8  |
| 141     | 60.7  | 47.0  | 70.4  |

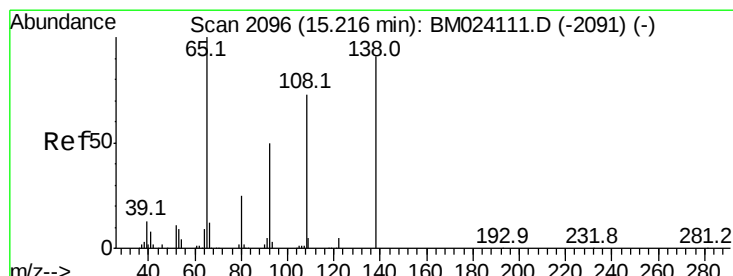
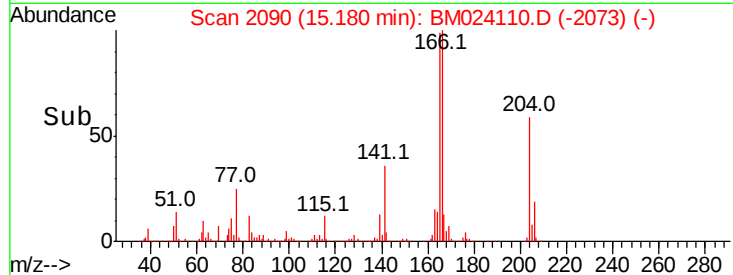
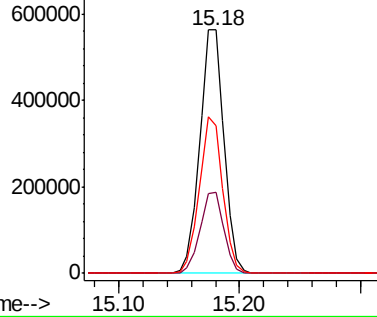


Abundance

Ion 204.00 (203.70 to 204.70): E

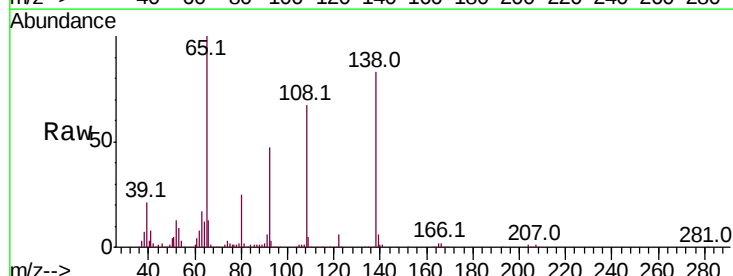
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 22.051 ng  
RT: 15.21 min Scan# 2095  
Delta R.T. -0.01 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 57.0  | 33.8  | 73.8  |
| 108     | 81.3  | 57.6  | 97.6  |

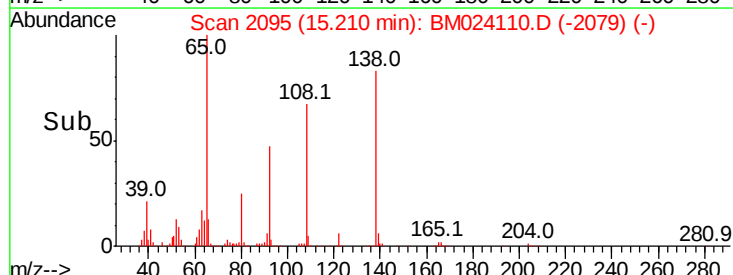
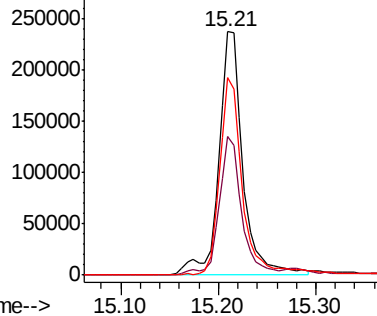


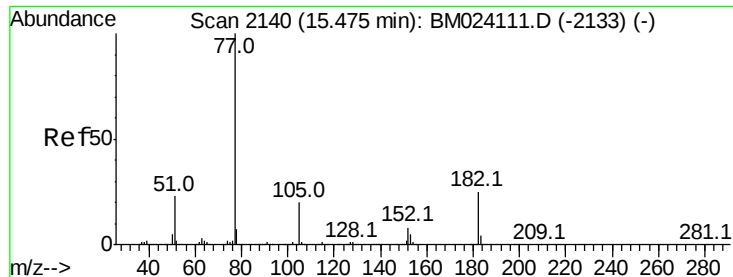
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 25.905 ng

RT: 15.47 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 77 Resp: 1681945

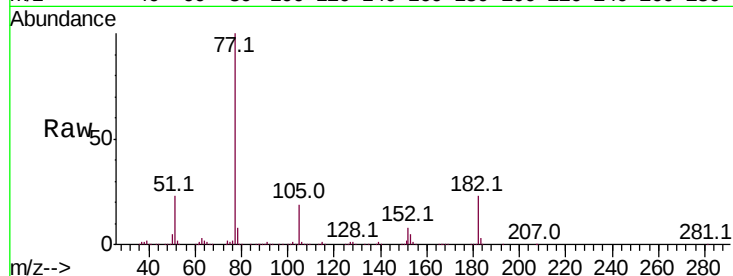
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 22.6  | 4.7   | 44.7  |
| 105 | 19.2  | 0.0   | 40.0  |
| 51  | 23.3  | 2.6   | 42.6  |

77 100

182 22.6 4.7 44.7

105 19.2 0.0 40.0

51 23.3 2.6 42.6

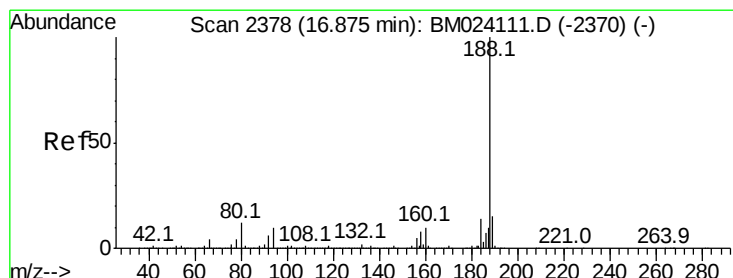
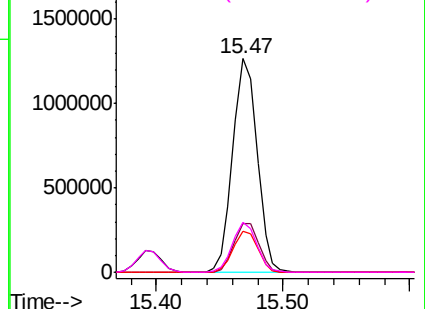
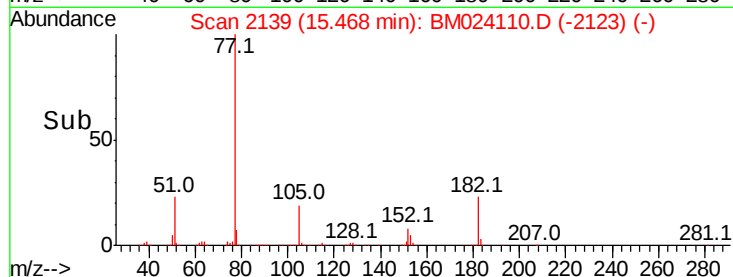


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.87 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

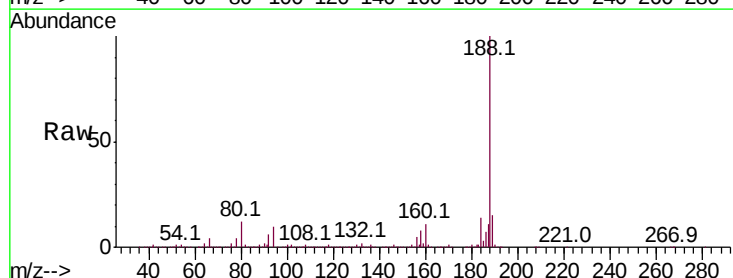
Tgt Ion: 188 Resp: 2227595

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.9   | 8.2   | 12.4  |
| 80  | 11.9  | 9.6   | 14.4  |

188 100

94 9.9 8.2 12.4

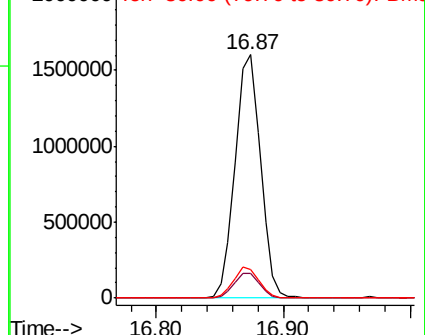
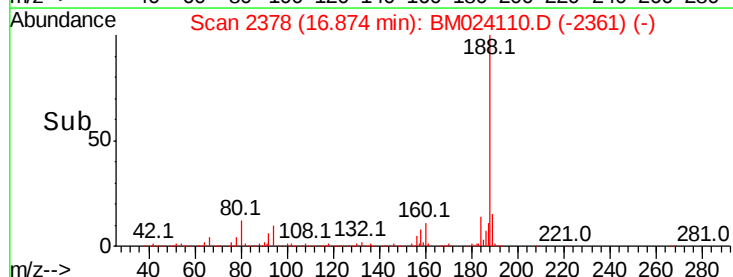
80 11.9 9.6 14.4

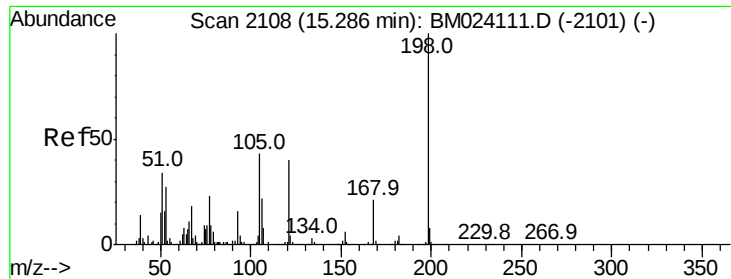


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

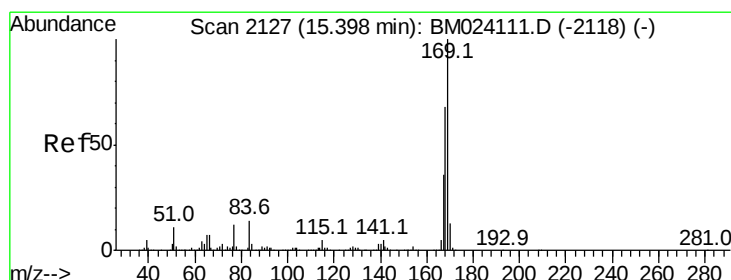
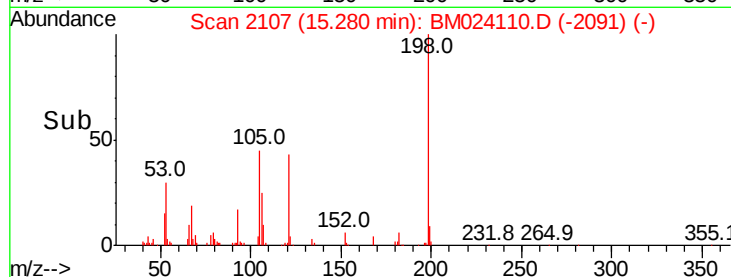
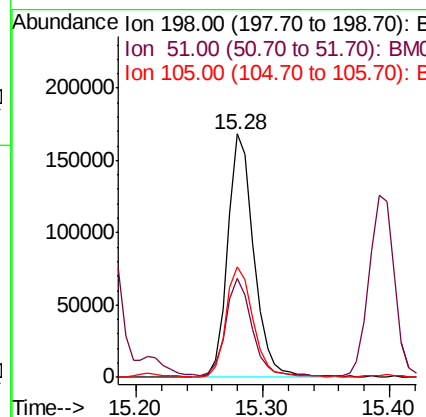
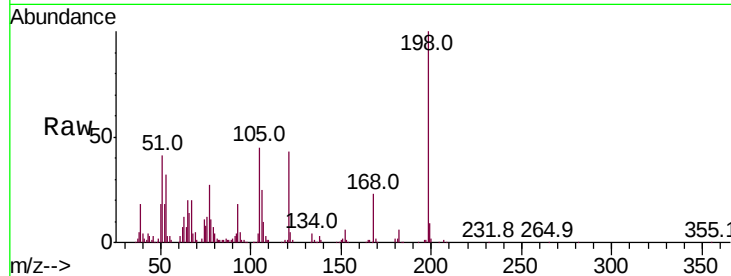




#65  
4,6-Dinitro-2-methylphenol  
Concen: 23.030 ng  
RT: 15.28 min Scan# 2107  
Delta R.T. -0.01 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

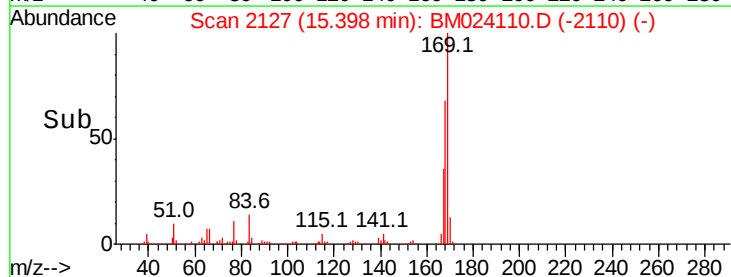
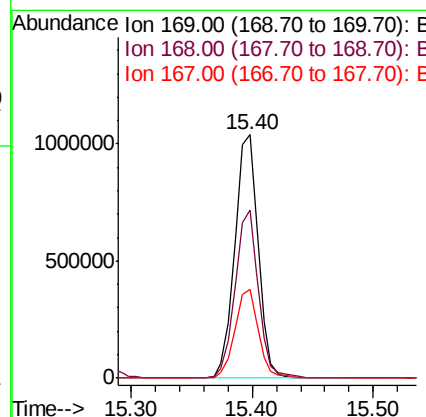
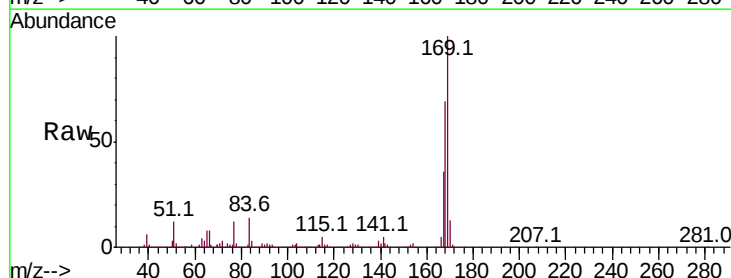
Instrument :  
BNA\_M  
ClientSampleId :

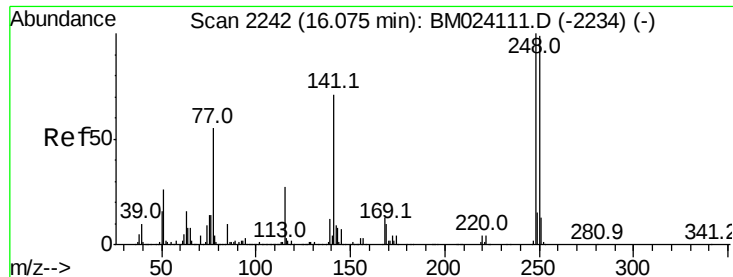
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 40.5  | 15.0  | 55.0  |
| 105     | 45.5  | 22.9  | 62.9  |



#66  
n-Nitrosodiphenylamine  
Concen: 20.721 ng  
RT: 15.40 min Scan# 2127  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.8  | 54.0  | 81.0  |
| 167     | 36.5  | 28.9  | 43.3  |

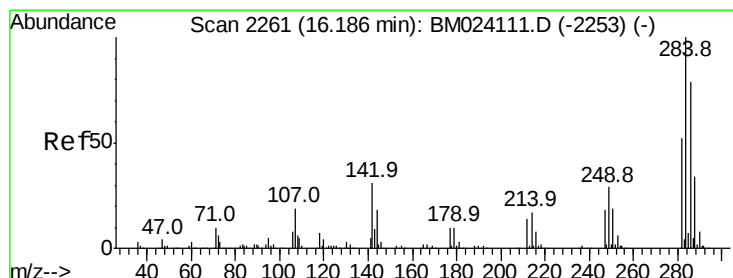
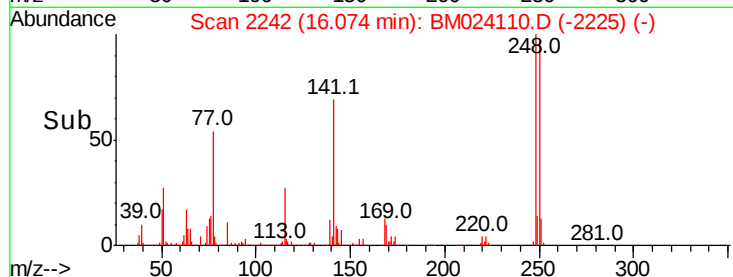
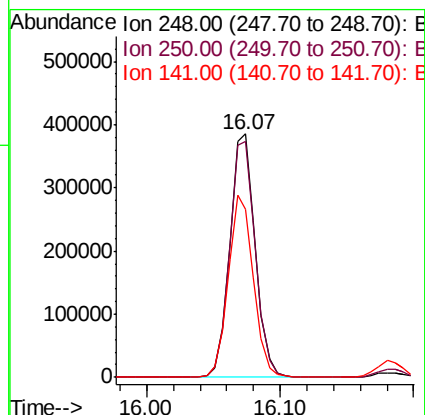
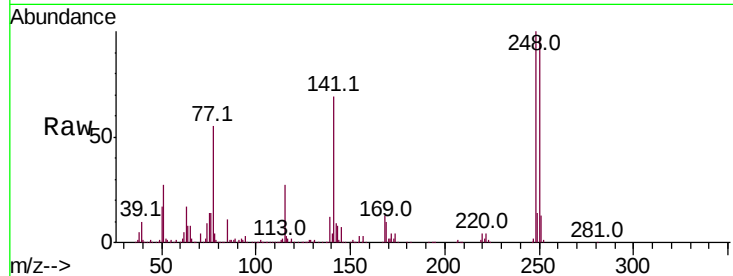




#67  
4-Bromophenyl-phenylether  
Concen: 20.719 ng  
RT: 16.07 min Scan# 2242  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

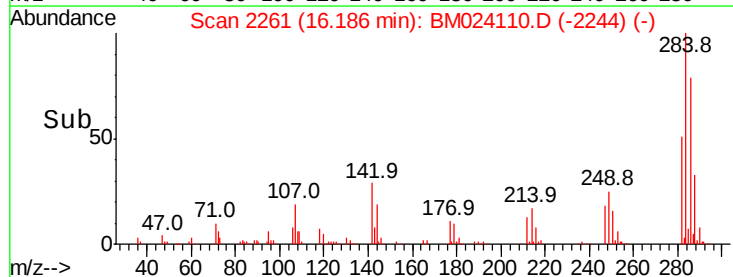
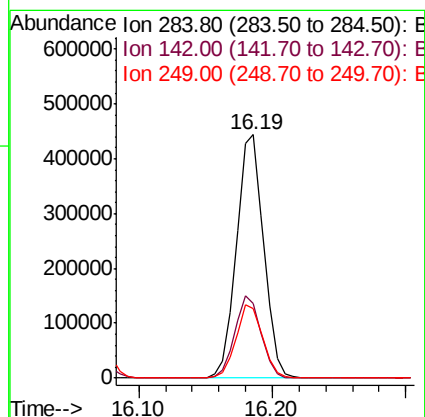
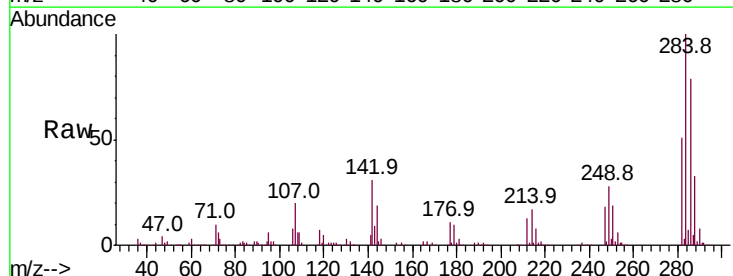
Instrument :  
BNA\_M  
ClientSampled :

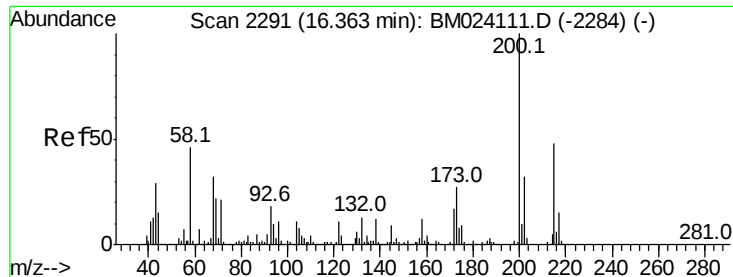
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.9  | 79.1  | 118.7 |
| 141     | 69.2  | 56.8  | 85.2  |



#68  
Hexachlorobenzene  
Concen: 21.720 ng  
RT: 16.19 min Scan# 2261  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.8  | 24.6  | 37.0  |
| 249     | 28.4  | 23.5  | 35.3  |

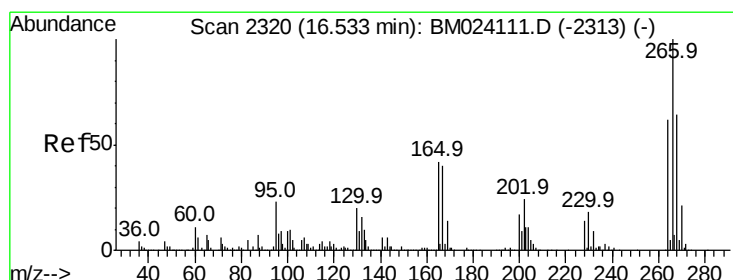
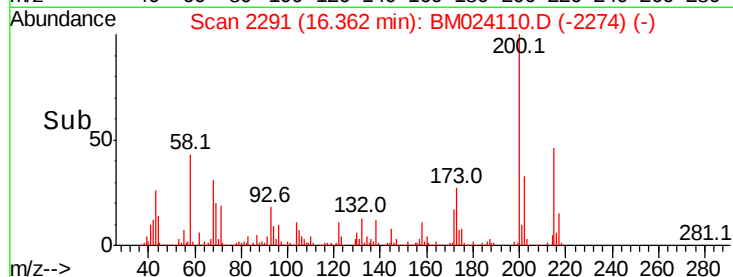
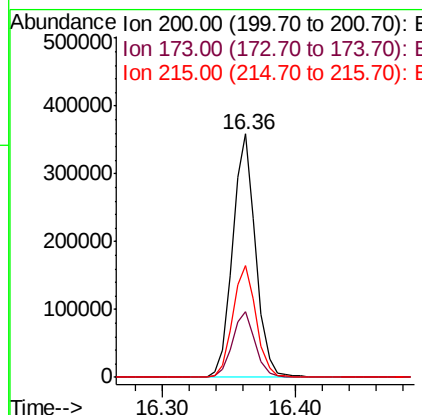
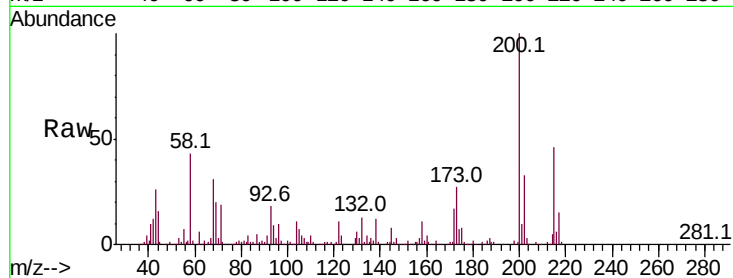




#69  
Atrazine  
Concen: 19.526 ng  
RT: 16.36 min Scan# 2291  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

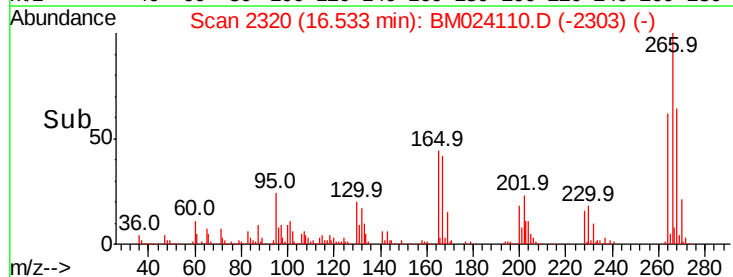
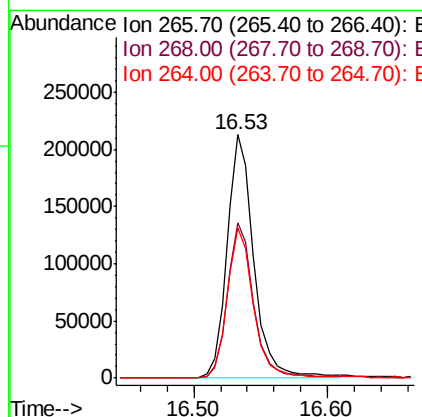
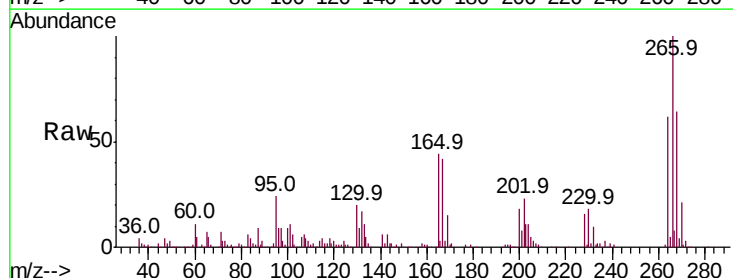
Instrument :  
BNA\_M  
ClientSampled :

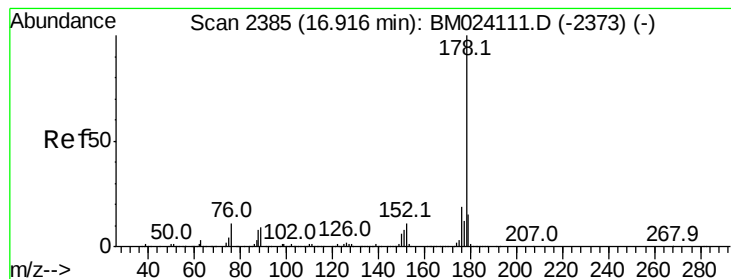
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.1  | 7.2   | 47.2  |
| 215     | 45.8  | 27.9  | 67.9  |



#70  
Pentachlorophenol  
Concen: 19.412 ng  
RT: 16.53 min Scan# 2320  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.9  | 51.2  | 76.8  |
| 264     | 61.5  | 49.6  | 74.4  |





#71

Phenanthrene

Concen: 20.777 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampled :

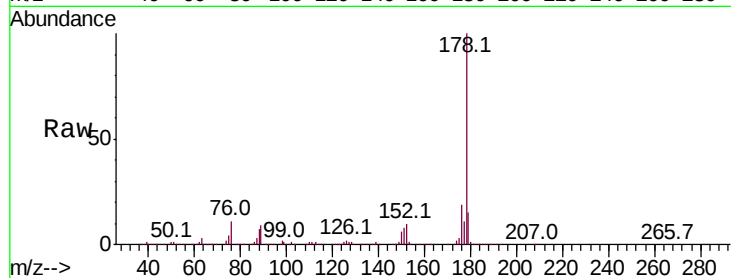
Tot Ion:178 Resp: 2611513

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

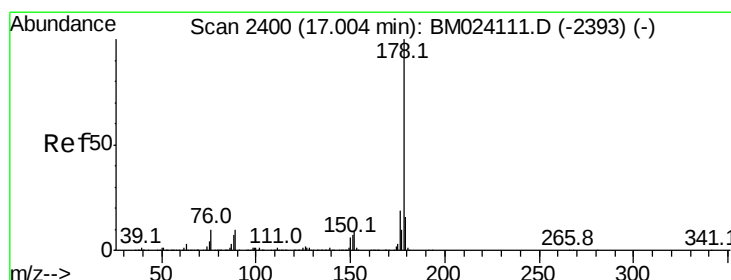
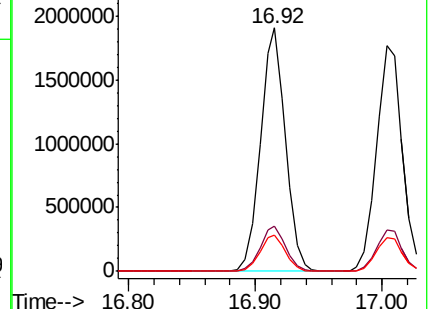
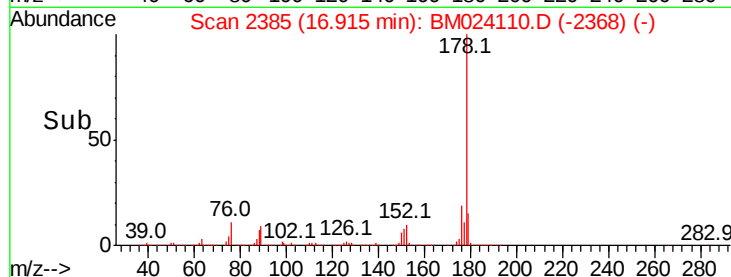
179 14.9 12.2 18.2



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



#72

Anthracene

Concen: 20.531 ng

RT: 17.00 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

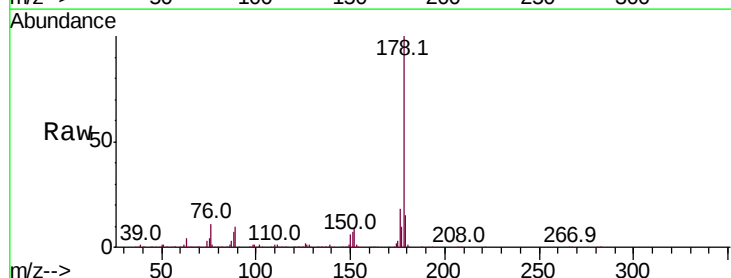
Tgt Ion:178 Resp: 2501062

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

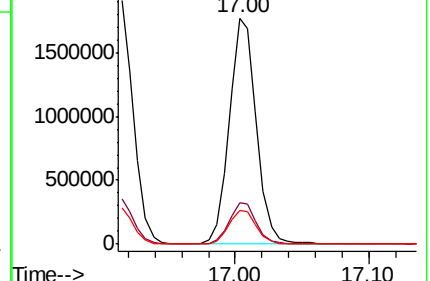
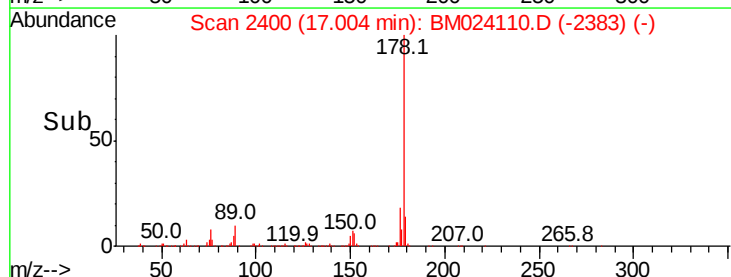
179 15.1 12.5 18.7

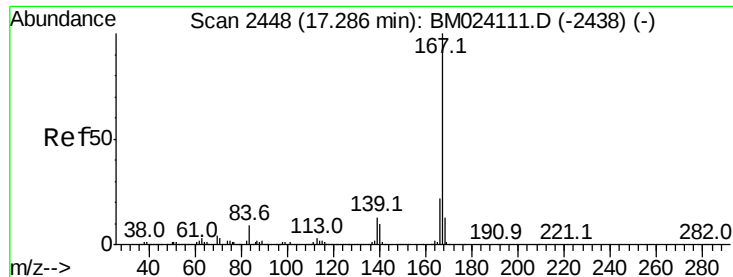


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



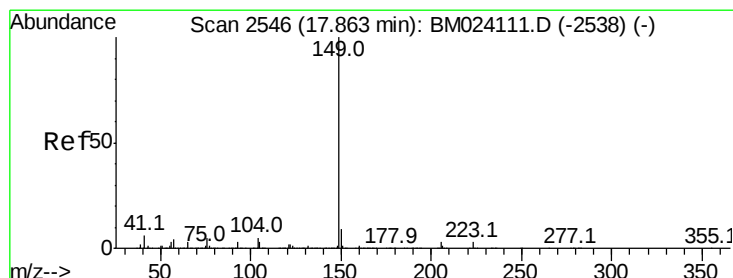
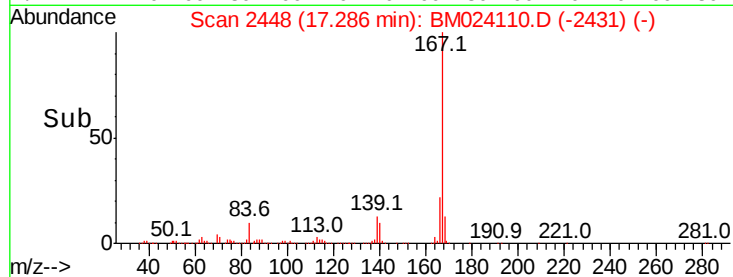
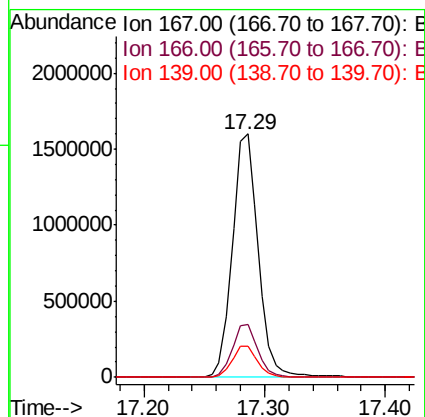
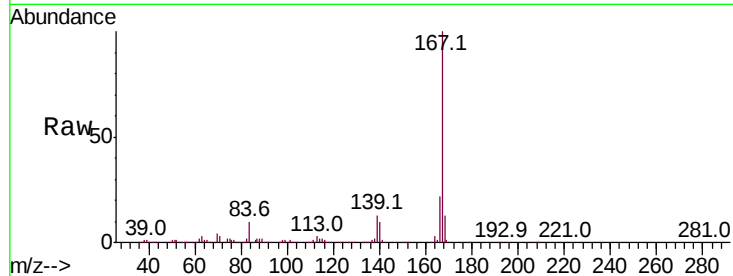


#73  
 Carbazole  
 Concen: 21.058 ng  
 RT: 17.29 min Scan# 2448  
 Delta R.T. -0.00 min  
 Lab File: BM024110.D  
 Acq: 16 Dec 2019 16:09

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:167 Resp: 2387100  

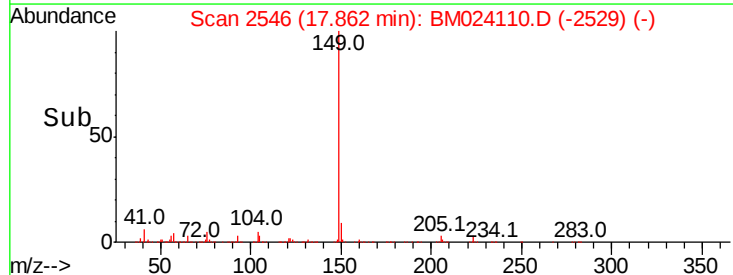
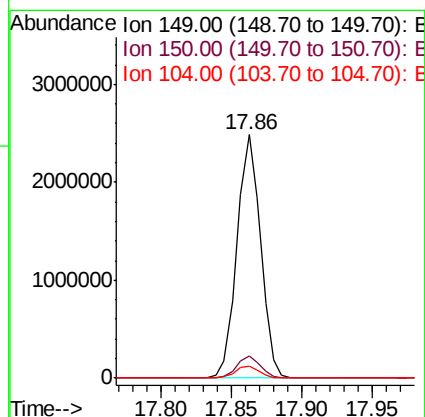
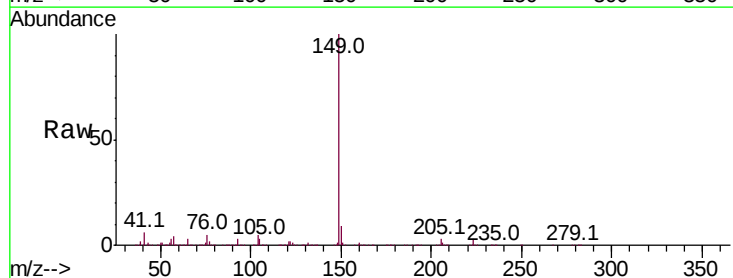
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.9  | 17.5  | 26.3  |
| 139 | 12.8  | 10.2  | 15.4  |

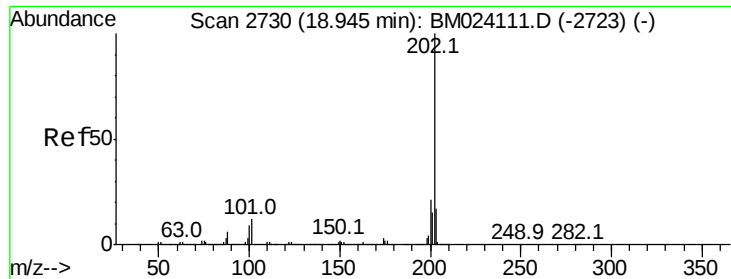


#74  
 Di-n-butylphthalate  
 Concen: 22.532 ng  
 RT: 17.86 min Scan# 2546  
 Delta R.T. -0.00 min  
 Lab File: BM024110.D  
 Acq: 16 Dec 2019 16:09

Tgt Ion:149 Resp: 2896157  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.0   | 7.4   | 11.0  |
| 104 | 5.1   | 4.0   | 6.0   |





#75

Fluoranthene

Concen: 20.945 ng

RT: 18.94 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

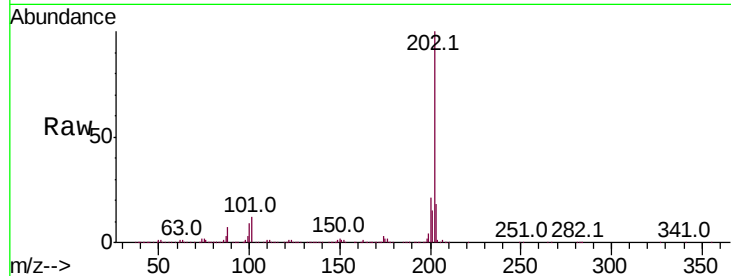
Tot Ion:202 Resp: 2970716

Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.0

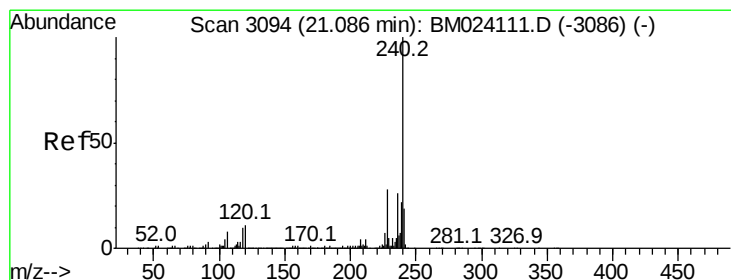
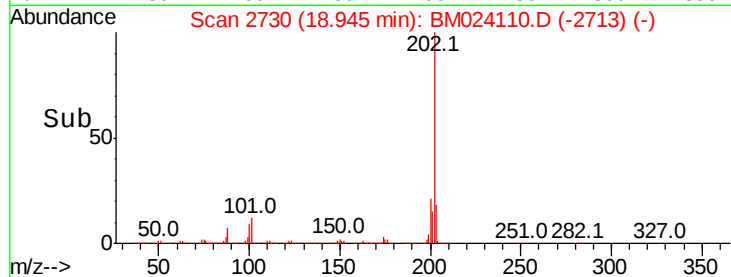
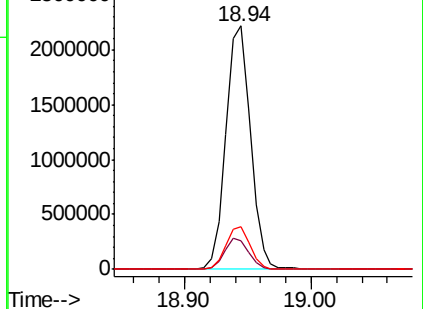
203 17.5 0.0 37.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

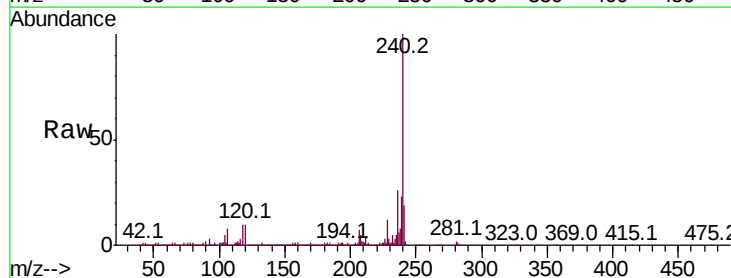
Tgt Ion:240 Resp: 2281814

Ion Ratio Lower Upper

240 100

120 10.4 8.6 13.0

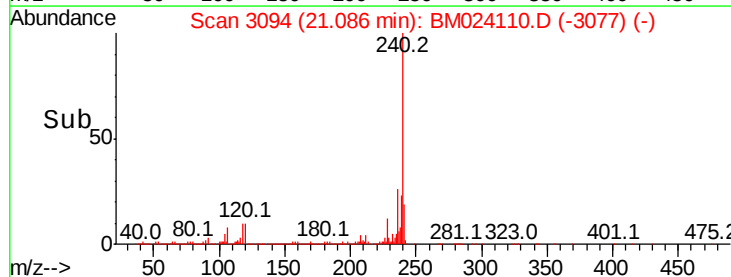
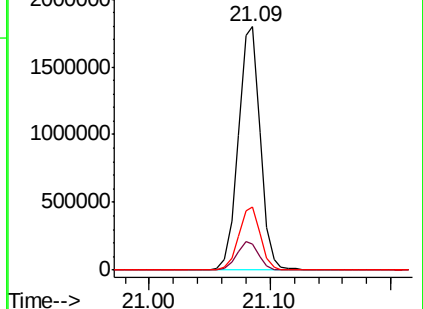
236 26.0 20.7 31.1

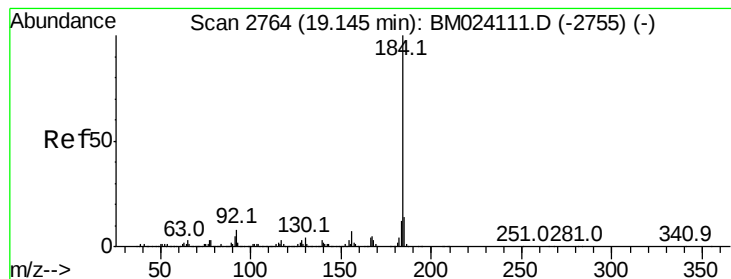


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.231 ng

RT: 19.14 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

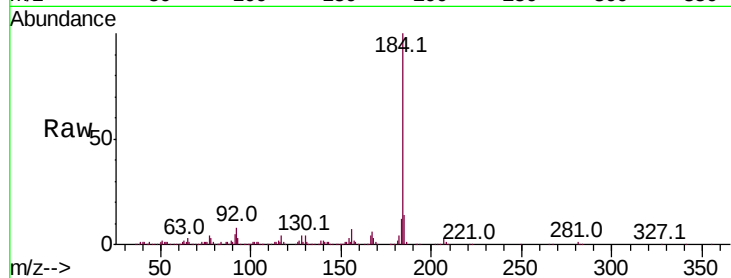
Tot Ion:184 Resp: 765630

Ion Ratio Lower Upper

184 100

185 13.5 11.0 16.4

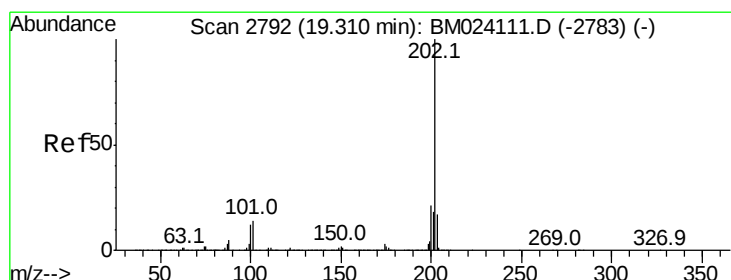
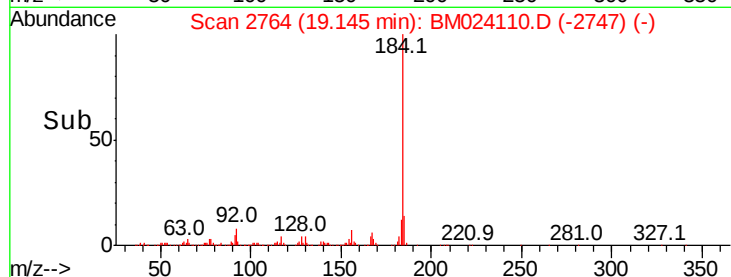
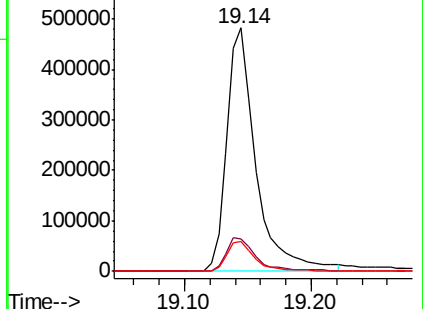
183 12.1 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 20.770 ng

RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

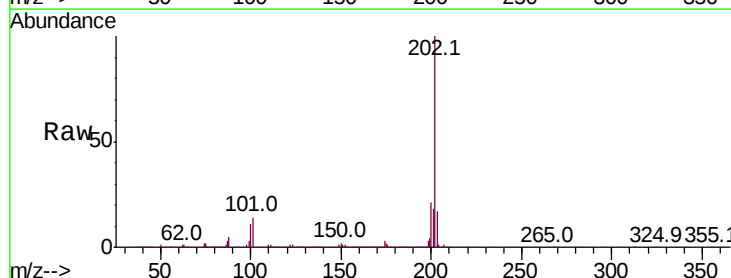
Tgt Ion:202 Resp: 3105856

Ion Ratio Lower Upper

202 100

200 20.9 17.1 25.7

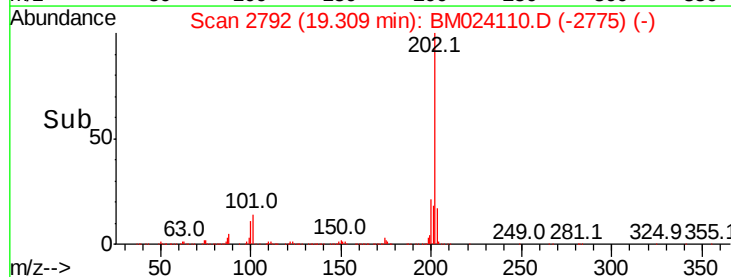
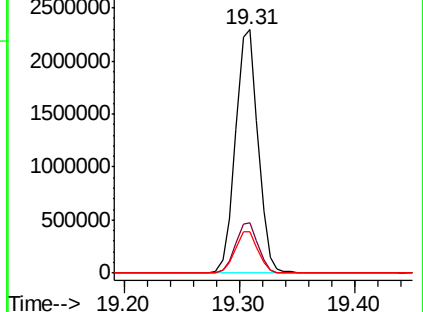
203 17.2 14.0 21.0

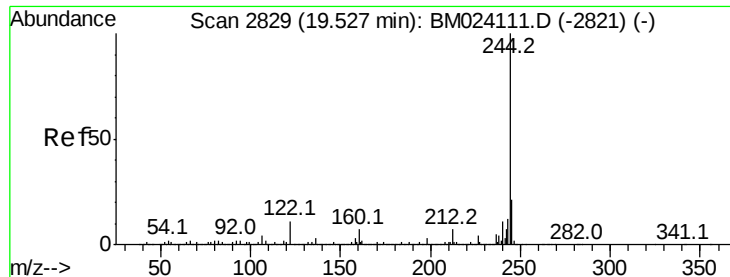


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

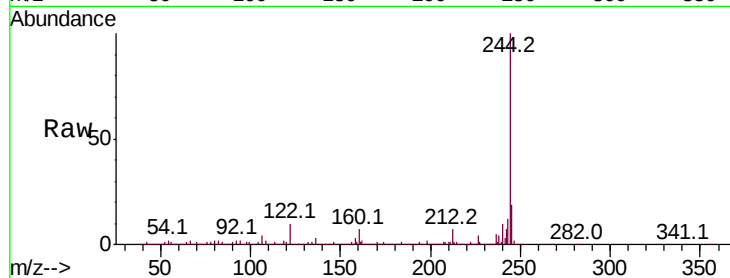




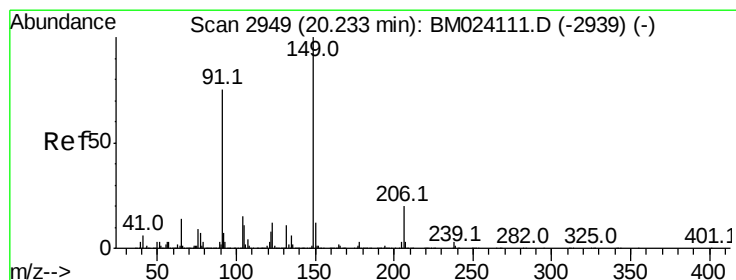
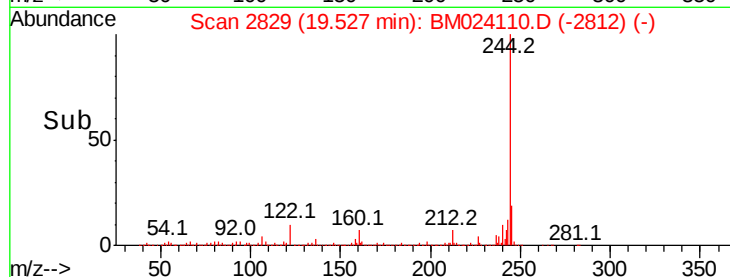
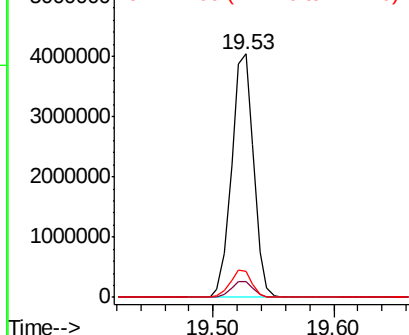
#79  
 Terphenyl-d14  
 Concen: 43.483 ng  
 RT: 19.53 min Scan# 2829  
 Delta R.T. -0.00 min  
 Lab File: BM024110.D  
 Acq: 16 Dec 2019 16:09

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:244 Resp: 5124063  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.6 8.4  
 122 10.5 8.9 13.3

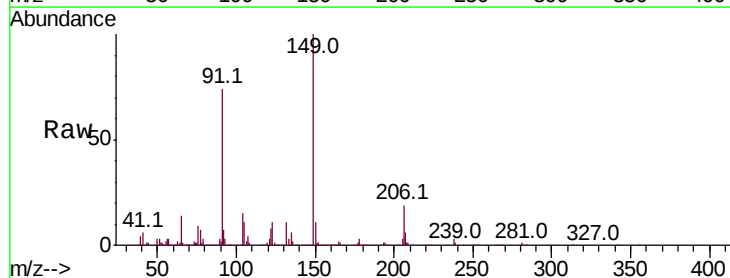


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

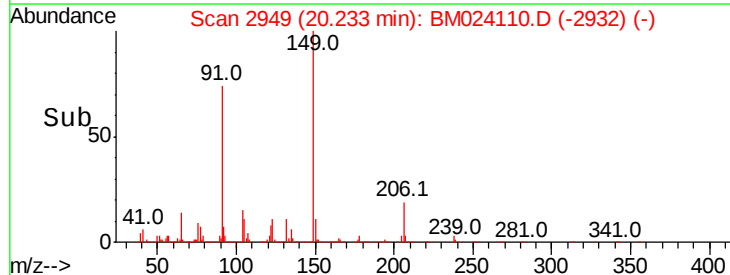
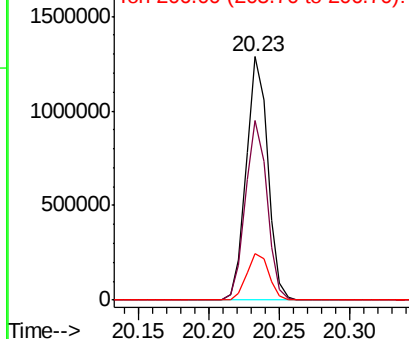


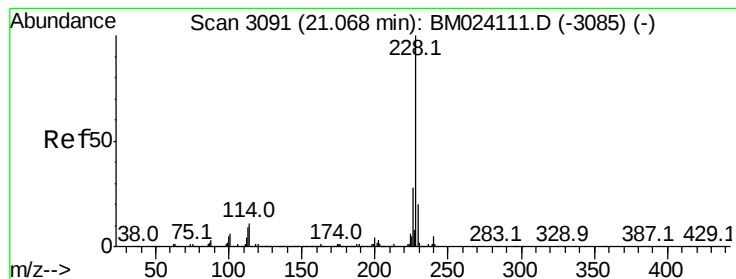
#80  
 Butylbenzylphthalate  
 Concen: 24.211 ng  
 RT: 20.23 min Scan# 2949  
 Delta R.T. -0.00 min  
 Lab File: BM024110.D  
 Acq: 16 Dec 2019 16:09

Tgt Ion:149 Resp: 1375986  
 Ion Ratio Lower Upper  
 149 100  
 91 74.0 59.7 89.5  
 206 19.3 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 91.00 (90.70 to 91.70): BM0  
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 20.928 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

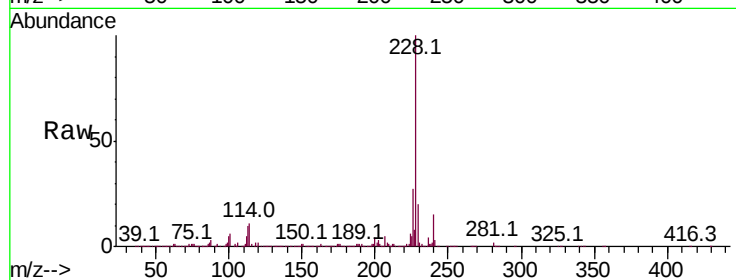
Instrument :

BNA\_M

ClientSampled :

Tot Ion:228 Resp: 3094963

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.3  | 22.1  | 33.1  |
| 229 | 19.6  | 16.1  | 24.1  |

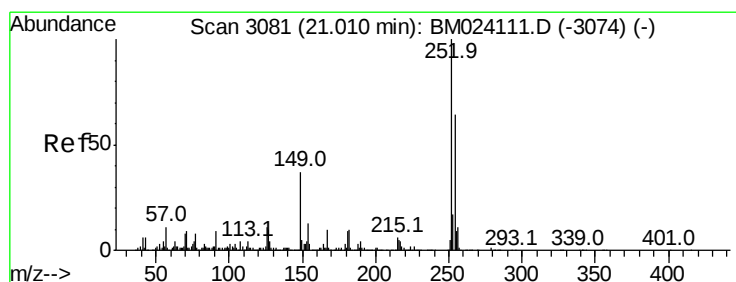
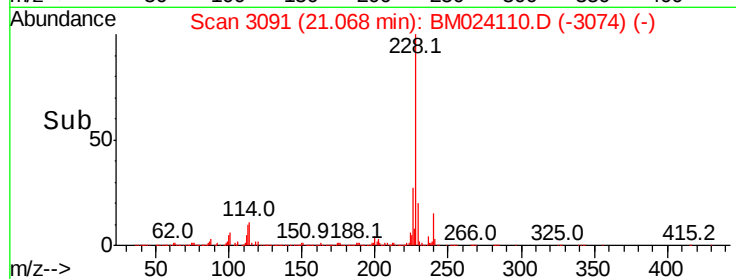
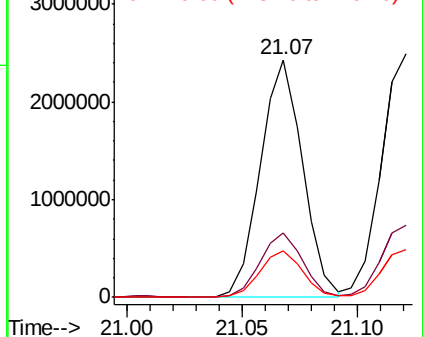


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.176 ng

RT: 21.01 min Scan# 3081

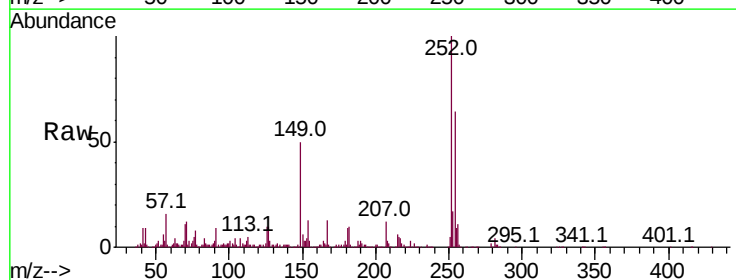
Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tgt Ion:252 Resp: 1110598

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.3  | 51.3  | 76.9  |
| 126 | 10.4  | 8.6   | 13.0  |

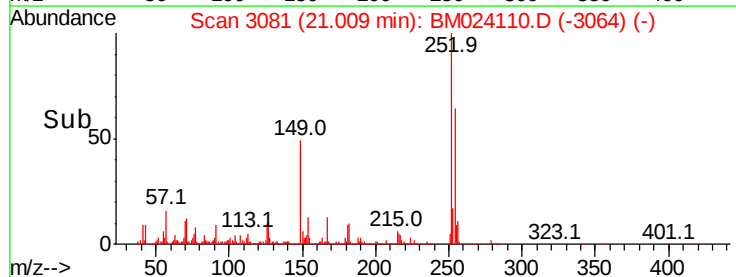
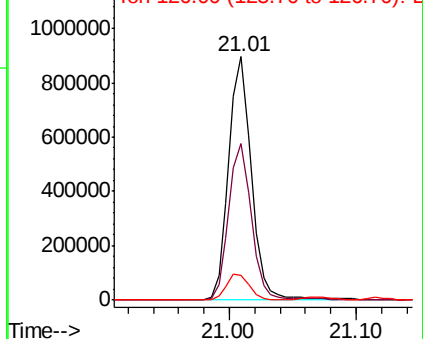


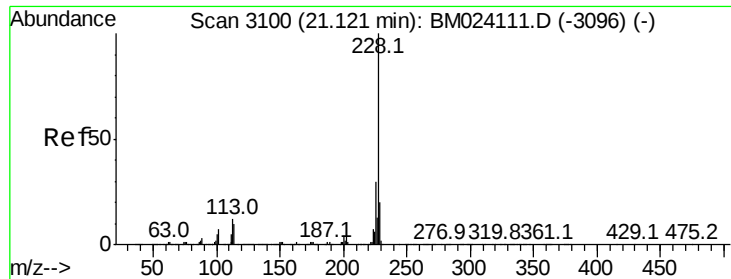
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 21.054 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

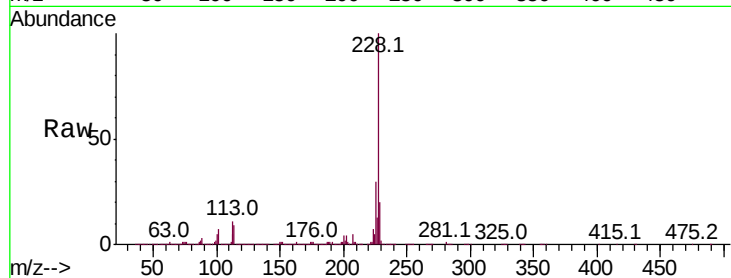
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 3018635

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.7  | 24.2  | 36.2  |
| 229 | 19.6  | 16.1  | 24.1  |

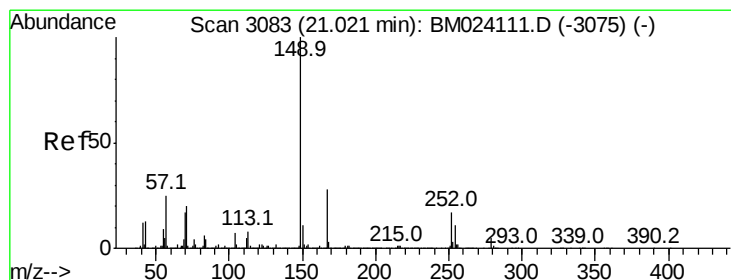
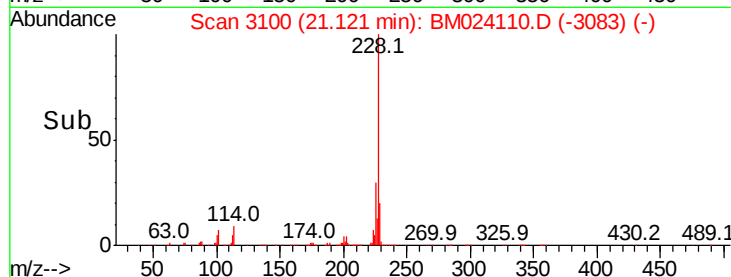
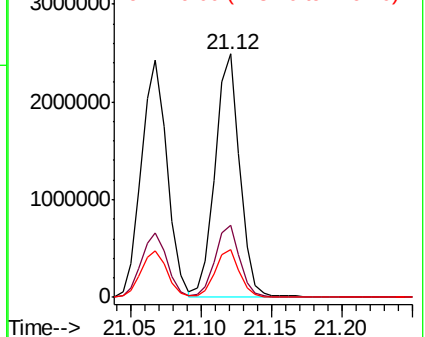


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 23.545 ng

RT: 21.02 min Scan# 3083

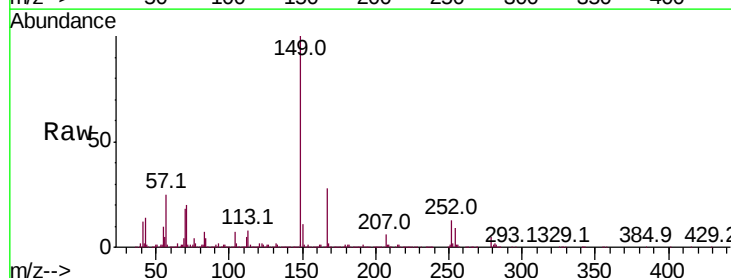
Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tgt Ion:149 Resp: 1982666

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.7  | 22.1  | 33.1  |
| 279 | 4.6   | 3.9   | 5.9   |

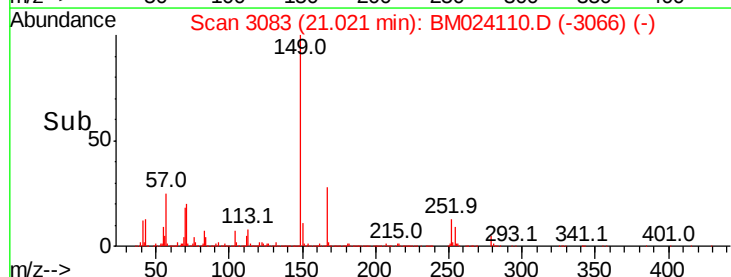
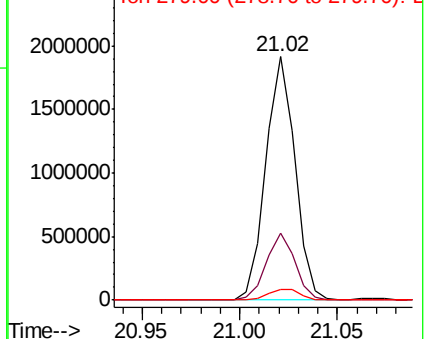


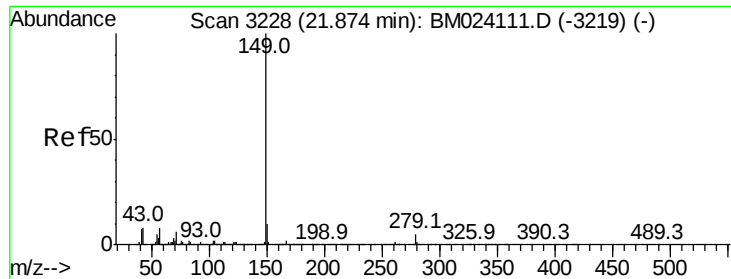
Abundance

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





#85

Di-n-octyl phthalate

Concen: 24.945 ng

RT: 21.87 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA\_M

ClientSampleId :

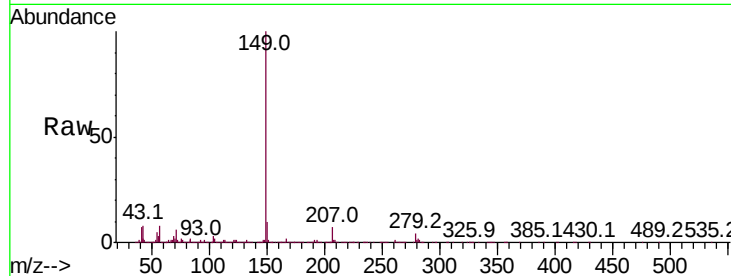
Tot Ion:149 Resp: 3347793

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

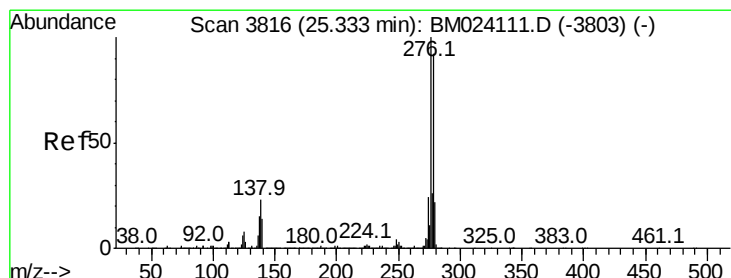
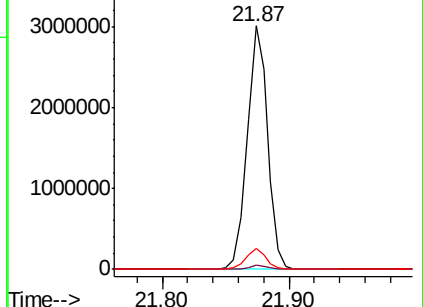
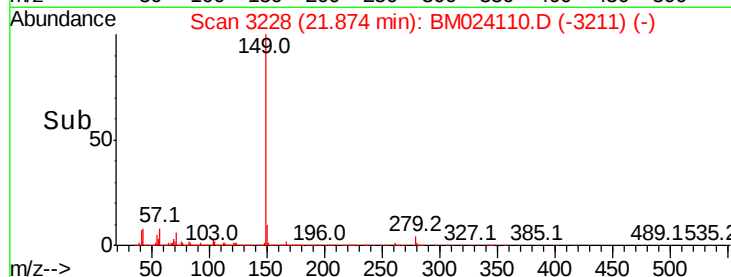
43 8.3 6.6 9.8



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 22.658 ng

RT: 25.33 min Scan# 3815

Delta R.T. -0.01 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

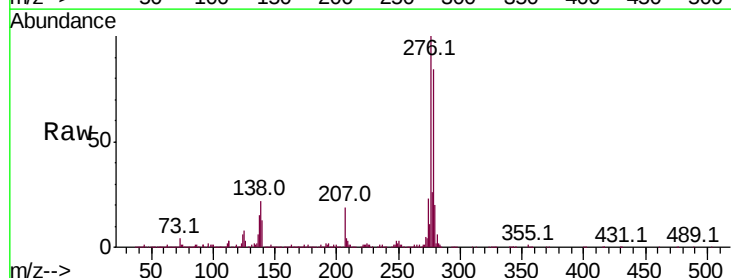
Tgt Ion:276 Resp: 3877278

Ion Ratio Lower Upper

276 100

138 22.5 0.0 0.0#

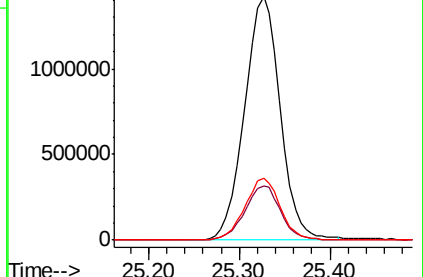
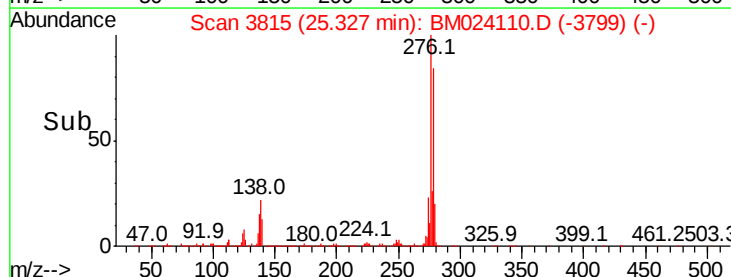
277 25.2 0.0 0.0#

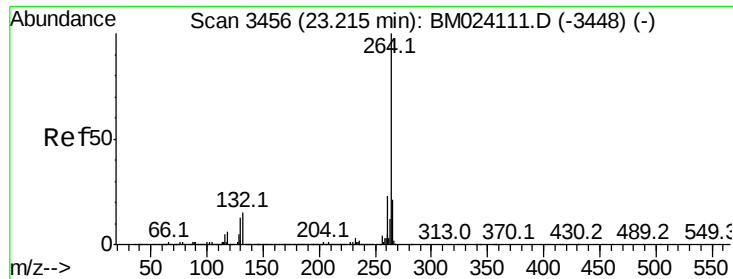


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.21 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

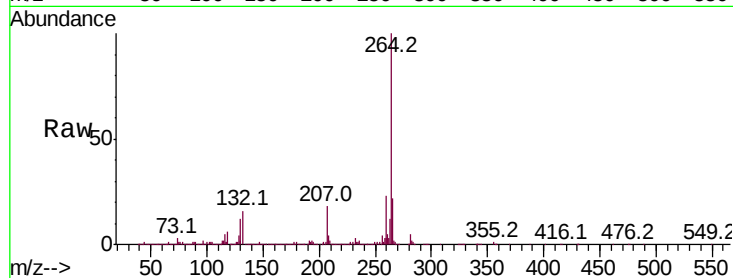
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:264 Resp: 2707070

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 18.6  | 28.0  |
| 265 | 22.0  | 17.4  | 26.0  |

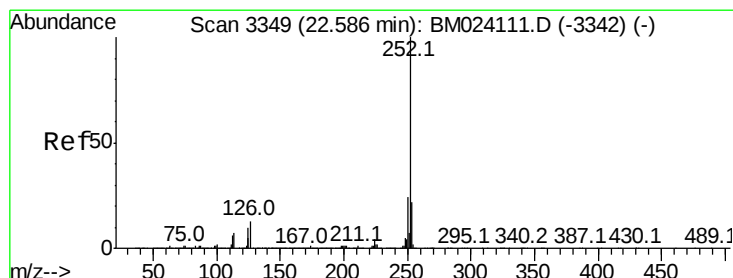
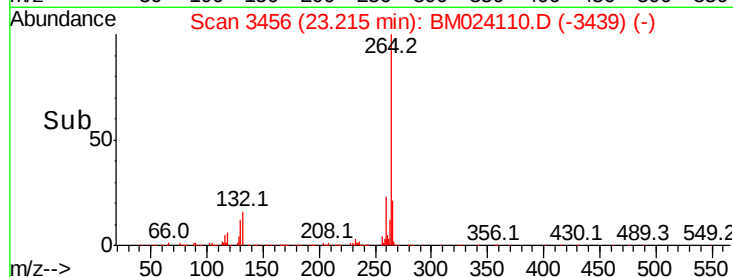
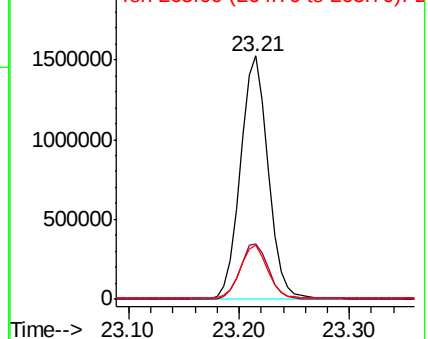


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 20.392 ng

RT: 22.59 min Scan# 3349

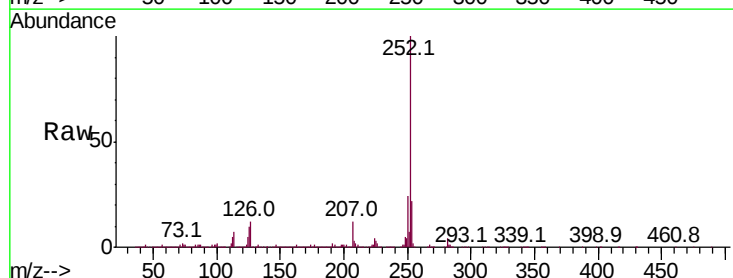
Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tgt Ion:252 Resp: 3342278

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 17.9  | 26.9  |
| 125 | 9.7   | 7.9   | 11.9  |

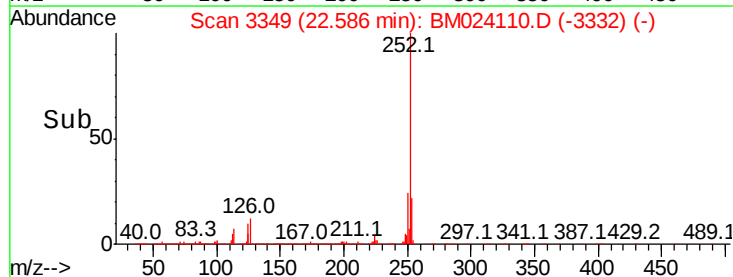
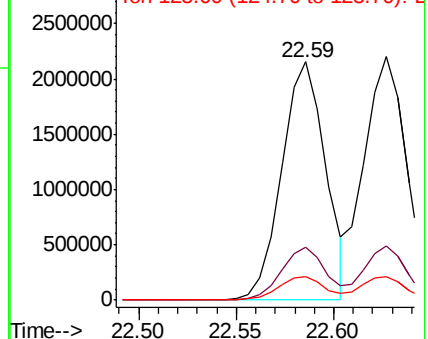


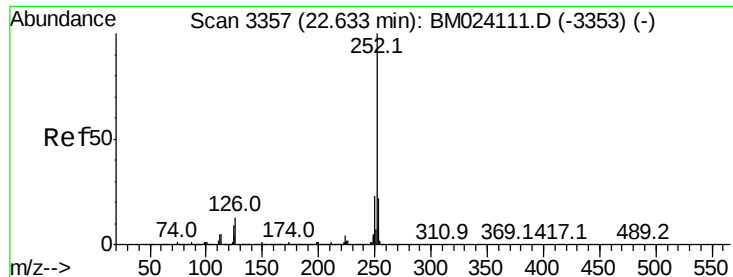
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

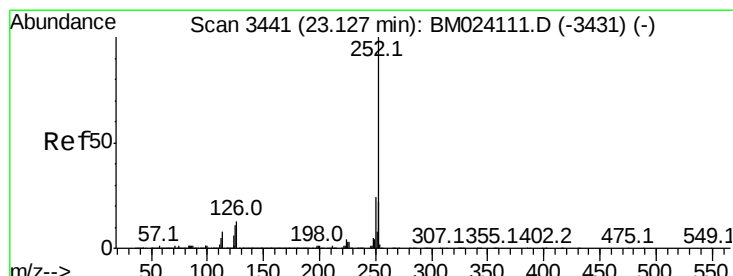
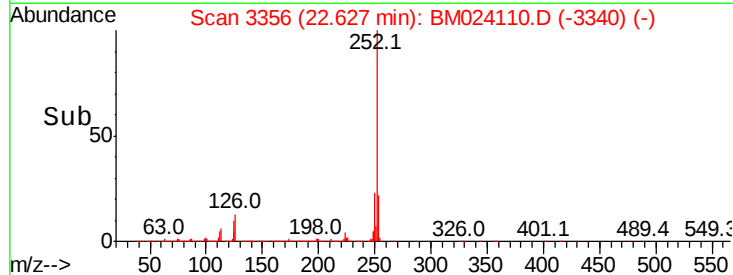
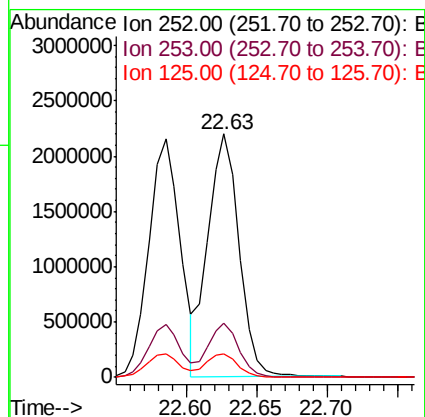
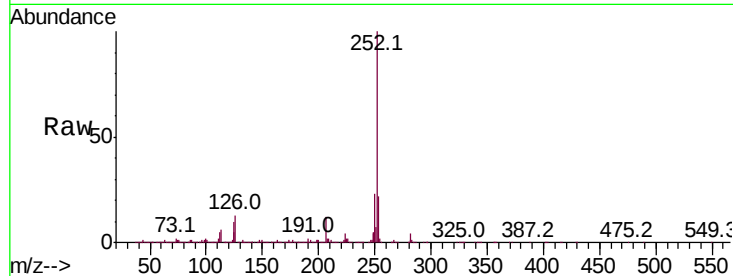




#89  
Benzo(k)fluoranthene  
Concen: 20.676 ng  
RT: 22.63 min Scan# 3356  
Delta R.T. -0.01 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

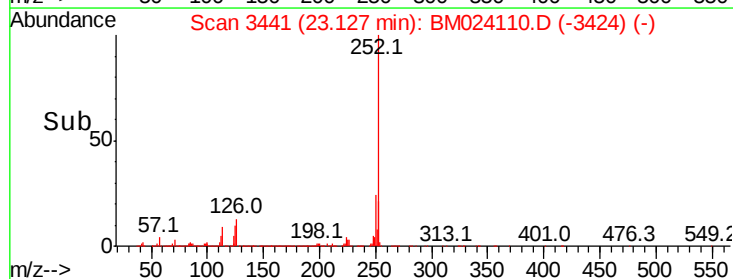
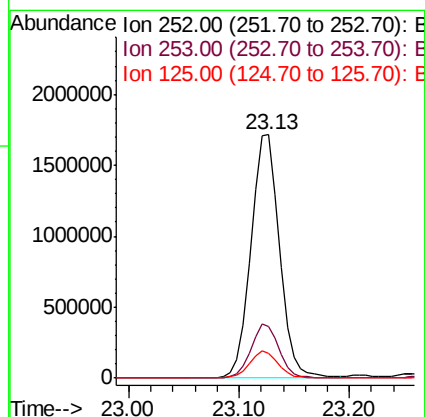
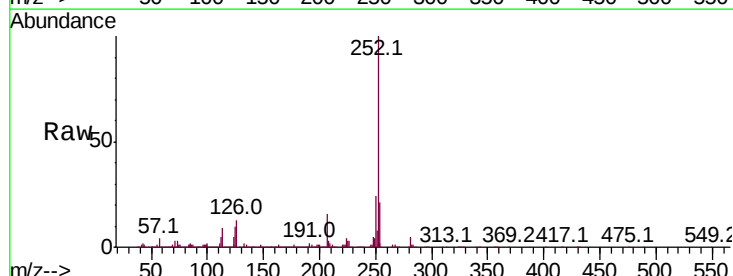
Instrument :  
BNA\_M  
ClientSampled :

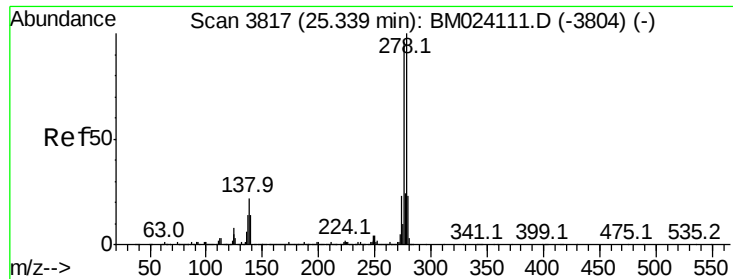
Tot Ion:252 Resp: 3362548  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.0  
125 9.7 7.3 10.9



#90  
Benzo(a)pyrene  
Concen: 20.685 ng  
RT: 23.13 min Scan# 3441  
Delta R.T. -0.00 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

Tgt Ion:252 Resp: 3124128  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.7 26.5  
125 10.2 8.5 12.7

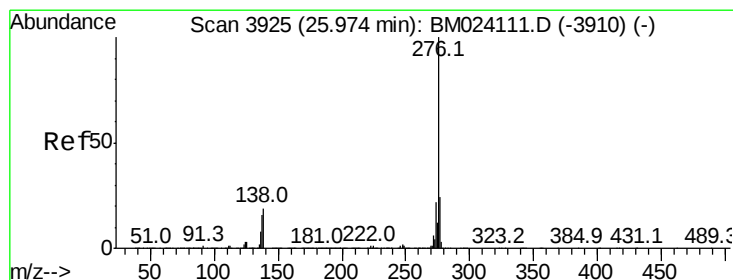
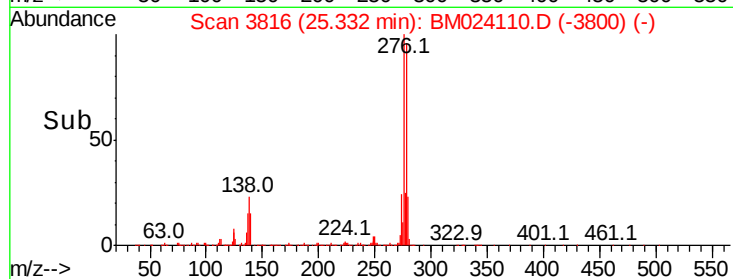
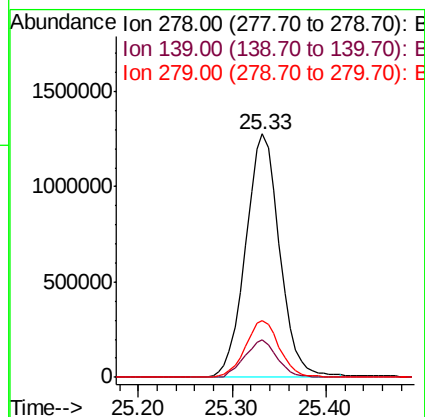
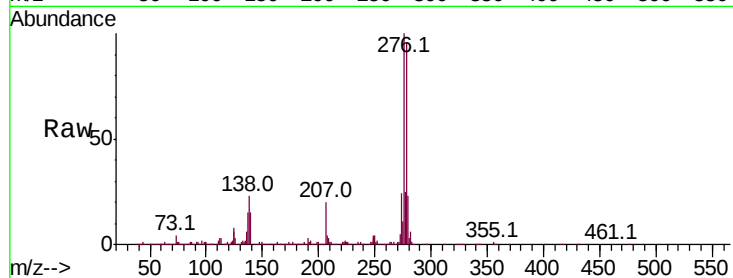




#91  
Dibenzo(a,h)anthracene  
Concen: 20.264 ng  
RT: 25.33 min Scan# 3816  
Delta R.T. -0.01 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:278 Resp: 3201236  
Ion Ratio Lower Upper  
278 100  
139 15.3 11.4 17.2  
279 23.6 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 20.592 ng  
RT: 25.96 min Scan# 3923  
Delta R.T. -0.01 min  
Lab File: BM024110.D  
Acq: 16 Dec 2019 16:09

Tgt Ion:276 Resp: 3089823  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.0 28.6  
138 18.4 15.4 23.0

