

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010522\  
 Data File : BM033652.D  
 Acq On : 05 Jan 2022 20:40  
 Operator : CG/JU  
 Sample : N1018-08MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FM-E3-02-4.5MSD

Quant Time: Jan 06 00:40:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 05 17:07:26 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.984  | 152  | 184535   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.801 | 136  | 822998   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.624 | 164  | 555505   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.359 | 188  | 1173483  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.524 | 240  | 1089932  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.953 | 264  | 1127151  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.525  | 112  | 1274673  | 108.941 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.142  | 99   | 1789293  | 113.464 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.148  | 82   | 1240098  | 69.588  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.107 | 330  | 586386   | 101.065 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.254 | 172  | 2719169  | 64.113  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.971 | 244  | 4049570  | 66.878  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.360  | 88   | 189800   | 36.192  | ng    | 95       |
| 3) Pyridine                   | 3.766  | 79   | 453944   | 33.429  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.672  | 42   | 294774   | 43.449  | ng    | # 74     |
| 6) Aniline                    | 7.301  | 93   | 593345   | 33.216  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.548  | 128  | 655979   | 51.269  | ng    | 88       |
| 9) Benzaldehyde               | 7.107  | 77   | 393371   | 41.106  | ng    | 90       |
| 10) Phenol                    | 7.166  | 94   | 841108   | 53.051  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.401  | 93   | 576939   | 46.129  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.872  | 146  | 639886   | 44.746  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.019  | 146  | 655845   | 44.845  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.342  | 146  | 631159   | 44.627  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.225  | 79   | 656874   | 51.027  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.525  | 45   | 852470   | 45.197  | ng    | 98       |
| 17) 2-Methylphenol            | 8.431  | 107  | 574301   | 52.473  | ng    | 96       |
| 18) Hexachloroethane          | 9.078  | 117  | 252933   | 45.643  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.801  | 70   | 504793   | 48.994  | ng    | 93       |
| 20) 3+4-Methylphenols         | 8.760  | 107  | 788368   | 52.727  | ng    | 96       |
| 22) Acetophenone              | 8.813  | 105  | 981261   | 44.456  | ng    | # 94     |
| 24) Nitrobenzene              | 9.195  | 77   | 748421   | 44.165  | ng    | 93       |
| 25) Isophorone                | 9.725  | 82   | 1353416  | 46.886  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.907  | 139  | 343495   | 48.108  | ng    | 88       |
| 27) 2,4-Dimethylphenol        | 9.972  | 122  | 654242   | 54.887  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.207 | 93   | 829612   | 43.596  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.448 | 162  | 650351   | 49.833  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.666 | 180  | 617292   | 42.348  | ng    | 98       |
| 31) Naphthalene               | 10.854 | 128  | 1978783  | 43.869  | ng    | 99       |
| 32) Benzoic acid              | 10.125 | 122  | 448313   | 53.451  | ng    | 88       |
| 33) 4-Chloroaniline           | 10.954 | 127  | 157191   | 8.832   | ng    | 94       |
| 34) Hexachlorobutadiene       | 11.148 | 225  | 394264   | 41.410  | ng    | 99       |
| 35) Caprolactam               | 11.742 | 113  | 113252   | 31.288  | ng    | 87       |
| 36) 4-Chloro-3-methylphenol   | 12.083 | 107  | 791094   | 52.184  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.460 | 142  | 1468265  | 48.171  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.677 | 142  | 1367618  | 46.165  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.830 | 216  | 731036   | 41.628  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.819 | 237  | 975608   | 88.314  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.060 | 196  | 513391   | 44.814  | ng    | 99       |

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 Sample : N1018-08MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

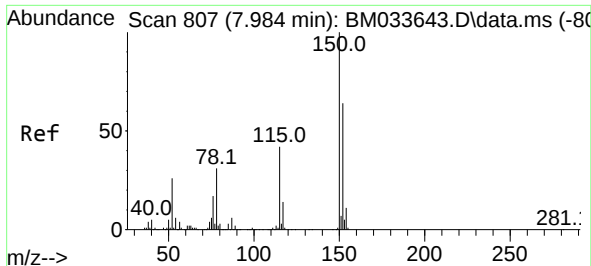
Instrument :  
 BNA\_M  
 ClientSampleId :  
 FM-E3-02-4.5MSD

Quant Time: Jan 06 00:40:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 05 17:07:26 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.130 | 196  | 558137   | 46.050  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.466 | 154  | 1938906  | 42.731  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.507 | 162  | 1431419  | 42.011  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.695 | 65   | 512094   | 47.912  | ng    | 90       |
| 49) Acenaphthylene            | 14.348 | 152  | 2384258  | 44.840  | ng    | 99       |
| 50) Dimethylphthalate         | 14.083 | 163  | 1941709  | 45.026  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.195 | 165  | 416704   | 49.895  | ng    | 93       |
| 52) Acenaphthene              | 14.689 | 154  | 1467557  | 42.430  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.518 | 138  | 191637   | 21.501  | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 14.724 | 184  | 425913   | 110.493 | ng    | 88       |
| 55) Dibenzofuran              | 15.024 | 168  | 2244546  | 43.292  | ng    | 96       |
| 56) 4-Nitrophenol             | 14.824 | 139  | 765032   | 108.303 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 14.977 | 165  | 592326   | 55.543  | ng    | 88       |
| 58) Fluorene                  | 15.665 | 166  | 1809187  | 45.553  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.242 | 232  | 496884   | 48.552  | ng    | 98       |
| 60) Diethylphthalate          | 15.442 | 149  | 2061788  | 46.410  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.660 | 204  | 913735   | 44.588  | ng    | 94       |
| 62) 4-Nitroaniline            | 15.677 | 138  | 437773   | 50.426  | ng    | 94       |
| 63) Azobenzene                | 15.954 | 77   | 1966581  | 44.776  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 15.736 | 198  | 289577   | 44.944  | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 15.871 | 169  | 1633214  | 41.183  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.554 | 248  | 547245   | 42.160  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.671 | 284  | 630593   | 42.658  | ng    | 98       |
| 69) Atrazine                  | 16.824 | 200  | 620708   | 45.624  | ng    | 99       |
| 70) Pentachlorophenol         | 17.012 | 266  | 849557   | 94.503  | ng    | 98       |
| 71) Phenanthrene              | 17.401 | 178  | 2904202  | 43.250  | ng    | 98       |
| 72) Anthracene                | 17.495 | 178  | 2962130  | 44.971  | ng    | 98       |
| 73) Carbazole                 | 17.759 | 167  | 2729929  | 43.963  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.330 | 149  | 3566005  | 44.489  | ng    | 100      |
| 75) Fluoranthene              | 19.406 | 202  | 3337448  | 47.344  | ng    | 99       |
| 77) Benzidine                 | 19.583 | 184  | 1501232  | 45.892  | ng    | 99       |
| 78) Pyrene                    | 19.771 | 202  | 3408838  | 44.422  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.665 | 149  | 1605989  | 46.856  | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.506 | 228  | 3207034  | 43.392  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.436 | 252  | 608976   | 23.227  | ng    | 99       |
| 83) Chrysene                  | 21.559 | 228  | 3117749  | 44.081  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.442 | 149  | 2376269  | 45.513  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.377 | 149  | 4148443  | 48.860  | ng    | # 93     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.506 | 276  | 3465720  | 41.696  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.218 | 252  | 3433620  | 47.780  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.265 | 252  | 3132844  | 44.981  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.847 | 252  | 3204870  | 53.735  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.524 | 278  | 2957998  | 42.845  | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 27.288 | 276  | 2813760  | 41.454  | ng    | 98       |

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

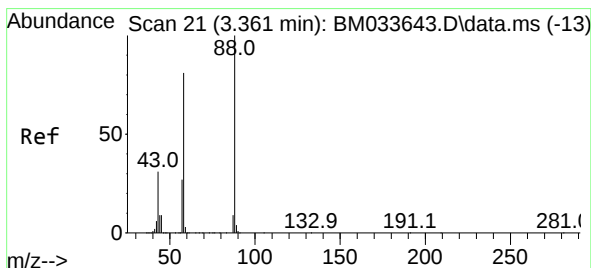
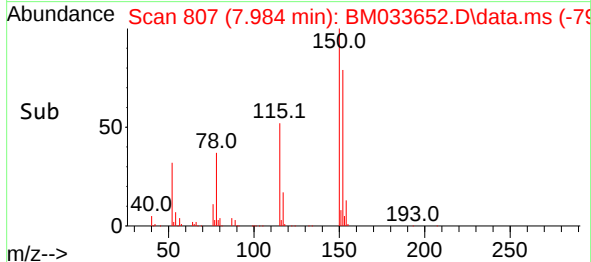
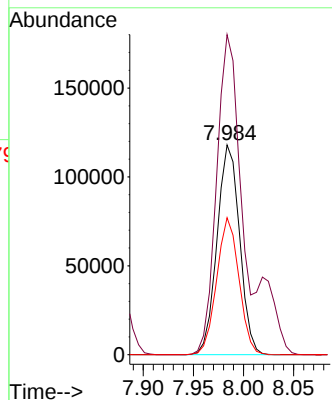
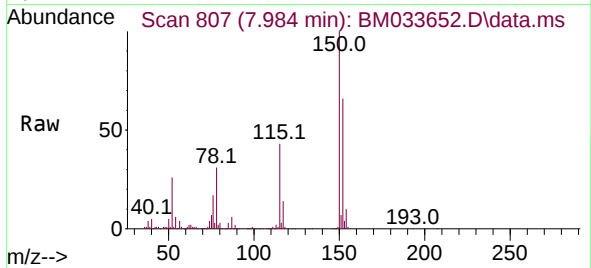




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.984 min Scan# 807  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

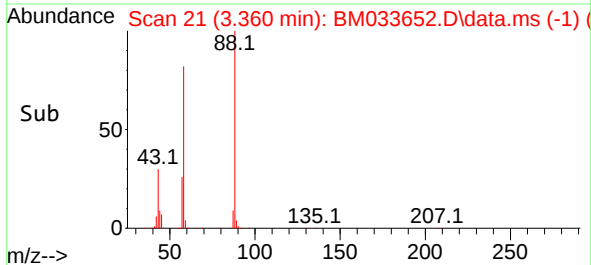
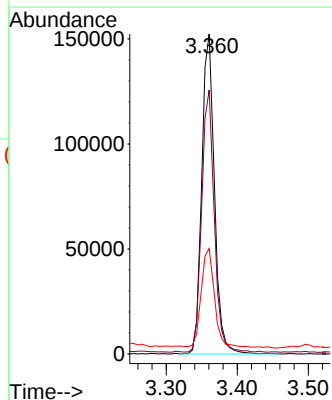
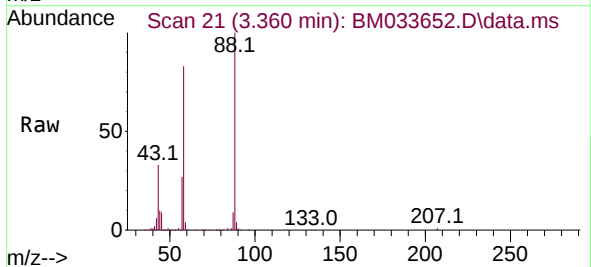
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

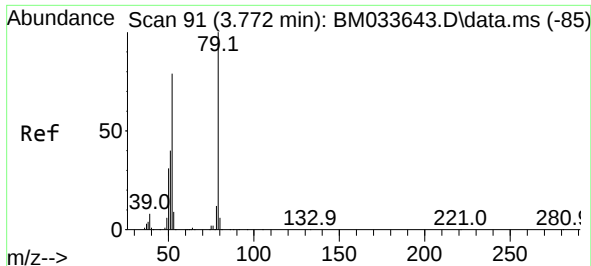
Tgt Ion:152 Resp: 184535  
Ion Ratio Lower Upper  
152 100  
150 152.6 128.9 193.3  
115 65.3 53.0 79.6



#2  
1,4-Dioxane  
Concen: 36.192 ng  
RT: 3.360 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion: 88 Resp: 189800  
Ion Ratio Lower Upper  
88 100  
58 81.0 67.0 100.4  
43 33.5 31.6 47.4

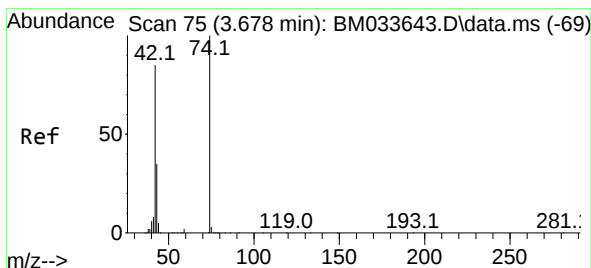
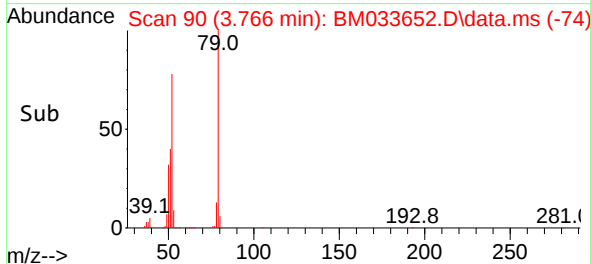
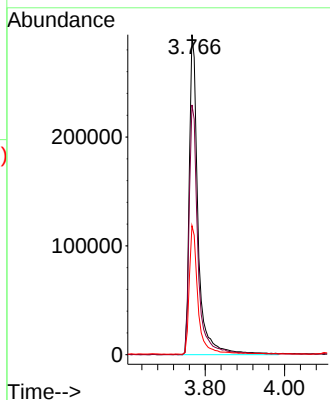
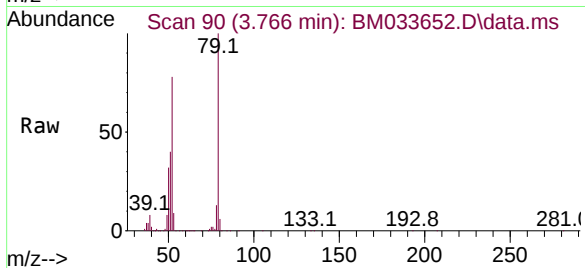




#3  
 Pyridine  
 Concen: 33.429 ng  
 RT: 3.766 min Scan# 90  
 Delta R.T. -0.006 min  
 Lab File: BM033652.D  
 Acq: 05 Jan 2022 20:40

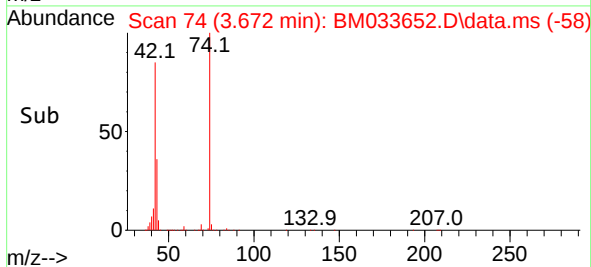
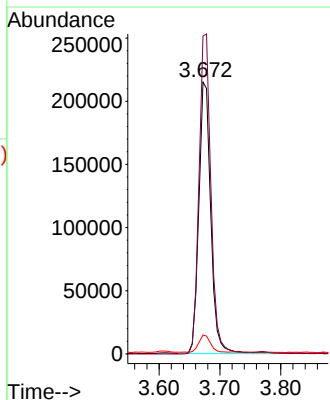
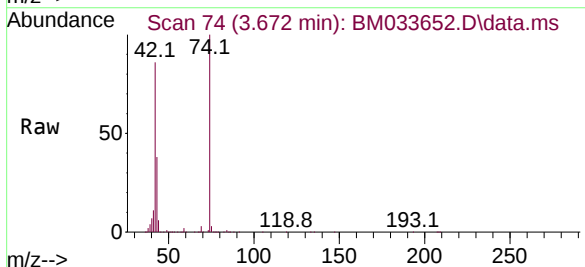
Instrument :  
 BNA\_M  
 ClientSampleId :  
 FM-E3-02-4.5MSD

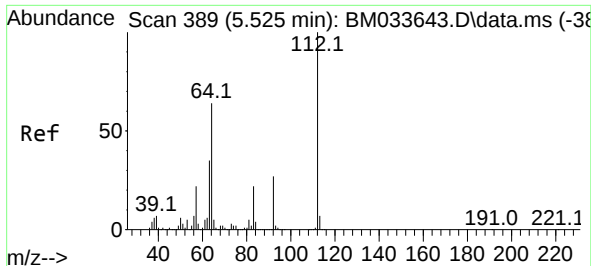
Tgt Ion: 79 Resp: 453944  
 Ion Ratio Lower Upper  
 79 100  
 52 78.1 65.4 98.2  
 51 40.3 34.8 52.2



#4  
 n-Nitrosodimethylamine  
 Concen: 43.449 ng  
 RT: 3.672 min Scan# 74  
 Delta R.T. -0.006 min  
 Lab File: BM033652.D  
 Acq: 05 Jan 2022 20:40

Tgt Ion: 42 Resp: 294774  
 Ion Ratio Lower Upper  
 42 100  
 74 117.0 72.5 108.7#  
 44 7.0 5.4 8.2

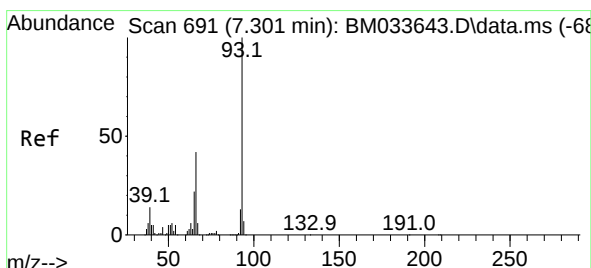
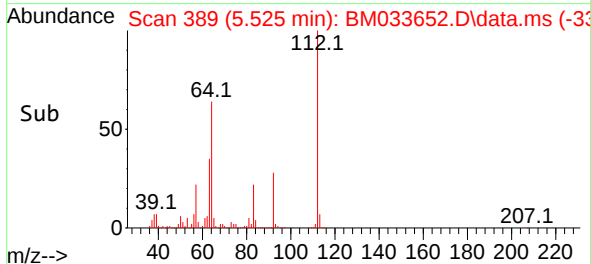
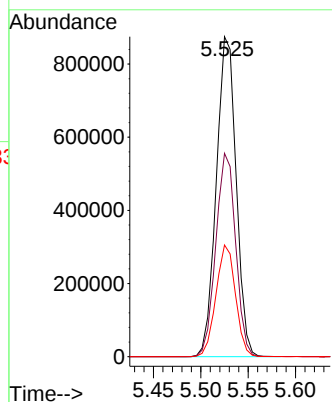
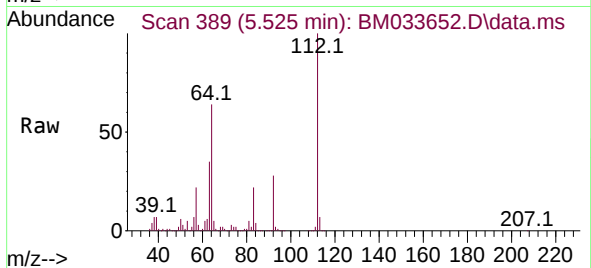




#5  
2-Fluorophenol  
Concen: 108.941 ng  
RT: 5.525 min Scan# 389  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

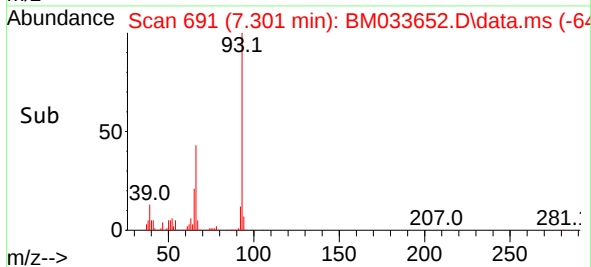
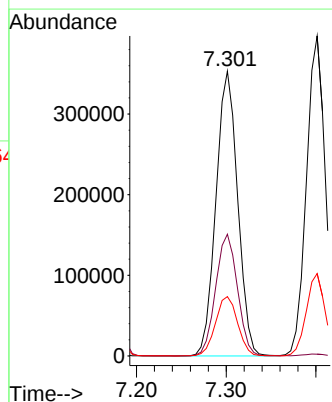
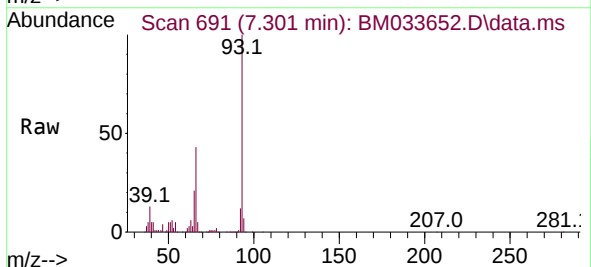
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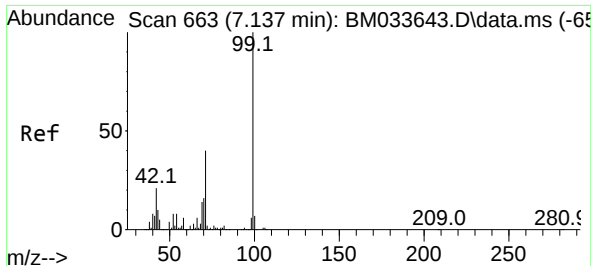
Tgt Ion:112 Resp: 1274673  
Ion Ratio Lower Upper  
112 100  
64 63.6 55.5 83.3  
63 34.9 31.3 46.9



#6  
Aniline  
Concen: 33.216 ng  
RT: 7.301 min Scan# 691  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion: 93 Resp: 593345  
Ion Ratio Lower Upper  
93 100  
66 42.8 36.0 54.0  
65 20.9 18.2 27.4



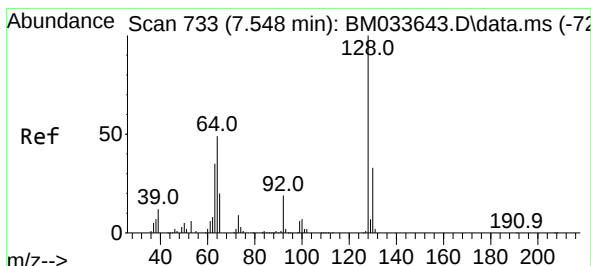
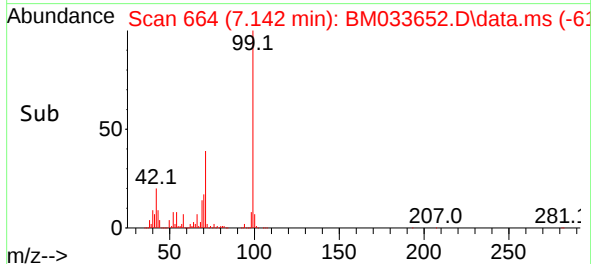
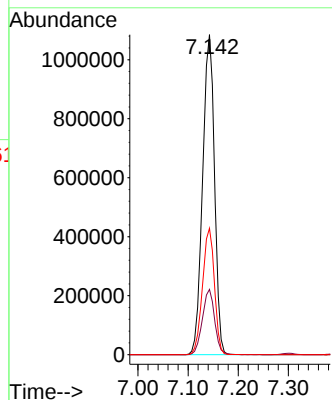
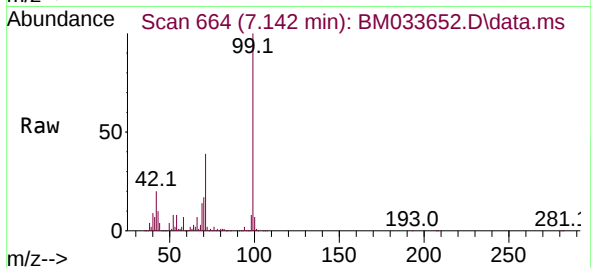


#7  
Phenol-d6  
Concen: 113.464 ng  
RT: 7.142 min Scan# 664  
Delta R.T. 0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

Tgt Ion: 99 Resp: 1789293

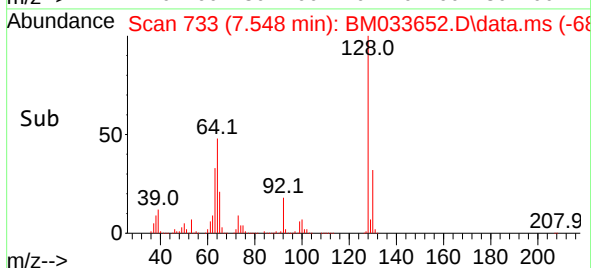
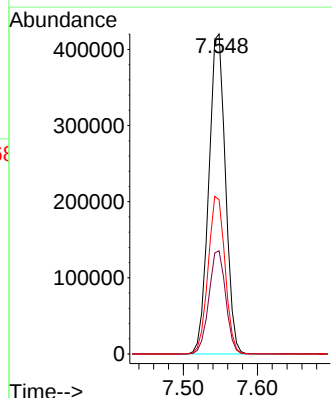
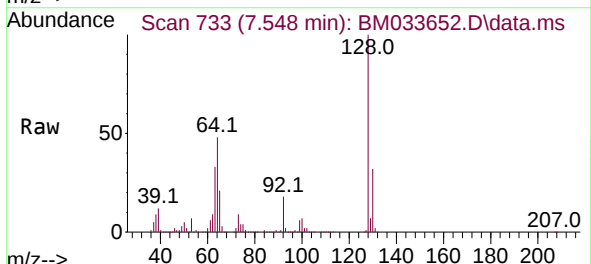
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.4  | 20.3  | 30.5  |
| 71  | 39.5  | 34.5  | 51.7  |

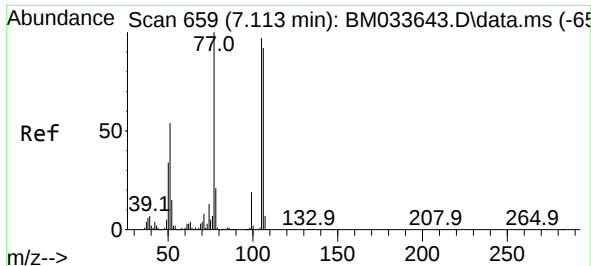


#8  
2-Chlorophenol  
Concen: 51.269 ng  
RT: 7.548 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion: 128 Resp: 655979

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.3  | 10.9  | 50.9  |
| 64  | 48.2  | 40.6  | 80.6  |

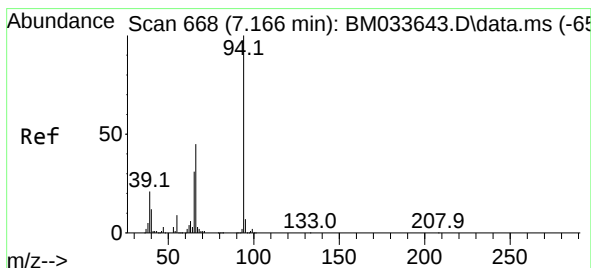
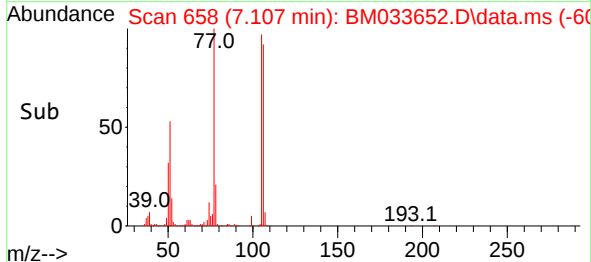
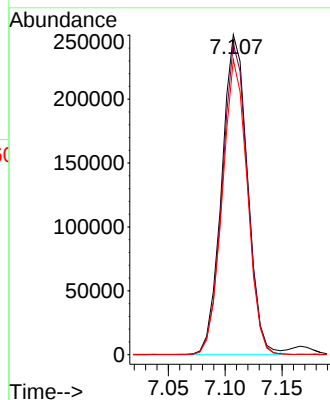
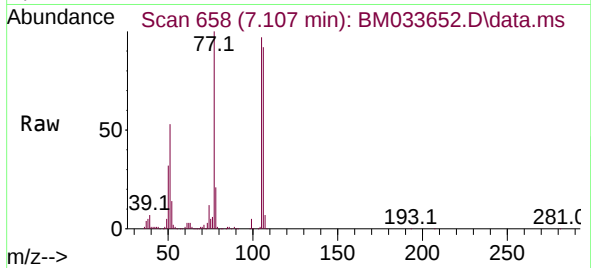




#9  
Benzaldehyde  
Concen: 41.106 ng  
RT: 7.107 min Scan# 659  
Delta R.T. -0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

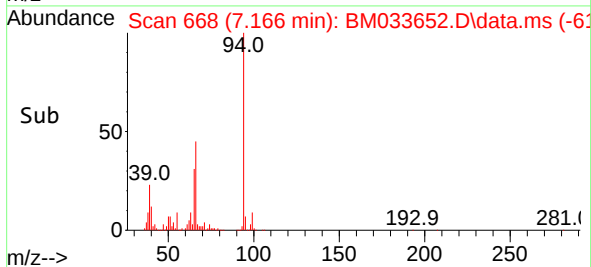
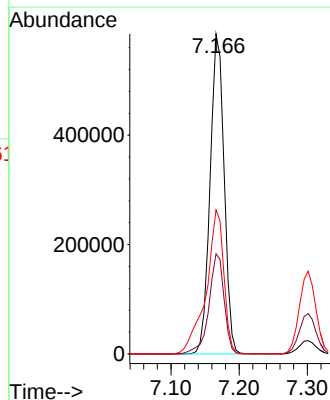
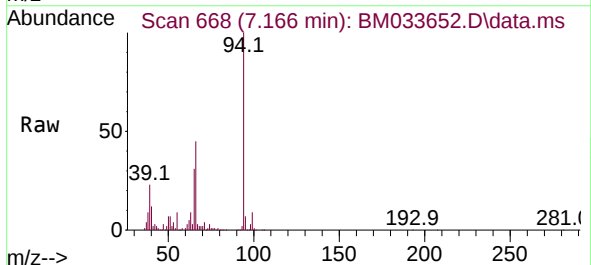
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

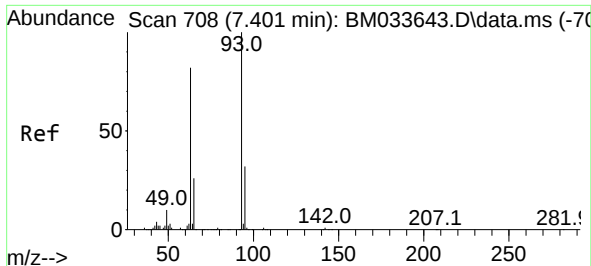
Tgt Ion: 77 Resp: 393371  
Ion Ratio Lower Upper  
77 100  
105 97.1 67.1 107.1  
106 92.2 64.3 104.3



#10  
Phenol  
Concen: 53.051 ng  
RT: 7.166 min Scan# 668  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion: 94 Resp: 841108  
Ion Ratio Lower Upper  
94 100  
65 31.3 15.5 55.5  
66 45.0 28.5 68.5

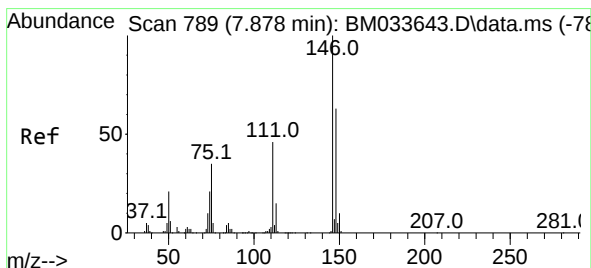
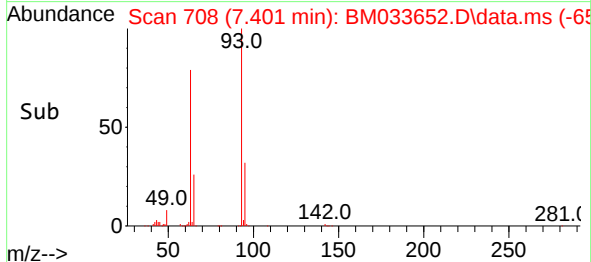
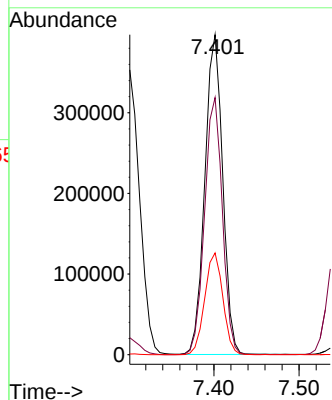
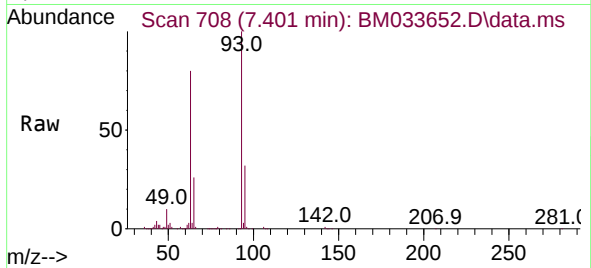




#11  
bis(2-Chloroethyl)ether  
Concen: 46.129 ng  
RT: 7.401 min Scan# 708  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

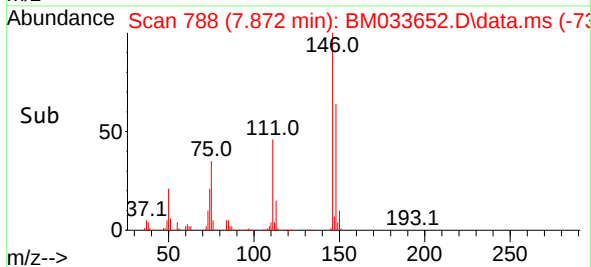
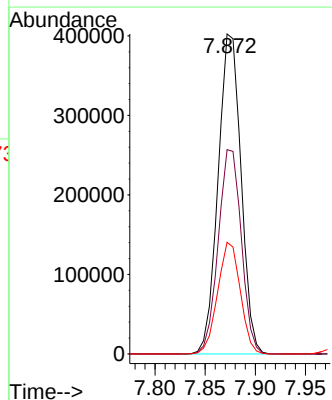
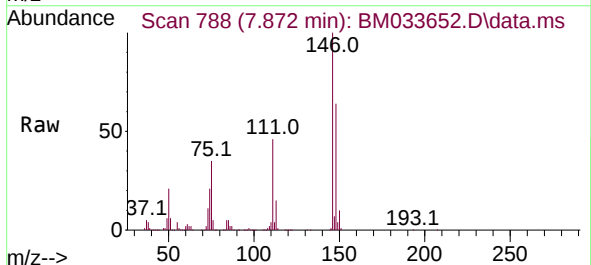
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

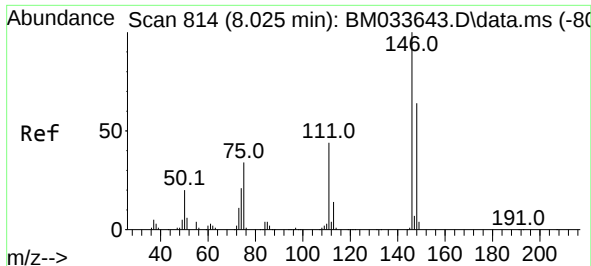
Tgt Ion: 93 Resp: 576939  
Ion Ratio Lower Upper  
93 100  
63 80.4 67.0 107.0  
95 31.8 11.6 51.6



#12  
1,3-Dichlorobenzene  
Concen: 44.746 ng  
RT: 7.872 min Scan# 788  
Delta R.T. -0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:146 Resp: 639886  
Ion Ratio Lower Upper  
146 100  
148 63.8 52.1 78.1  
75 34.9 32.0 48.0





#13

1,4-Dichlorobenzene

Concen: 44.845 ng

RT: 8.019 min Scan# 814

Delta R.T. -0.006 min

Lab File: BM033652.D

Acq: 05 Jan 2022 20:40

Instrument :

BNA\_M

ClientSampleId :

FM-E3-02-4.5MSD

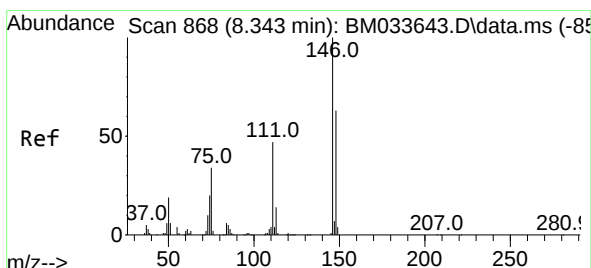
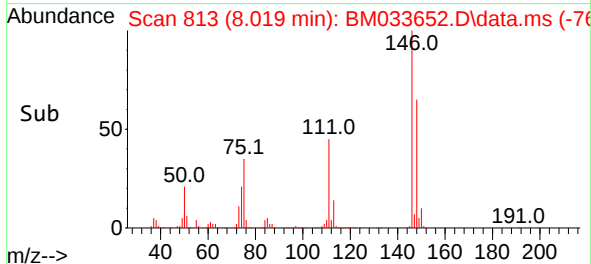
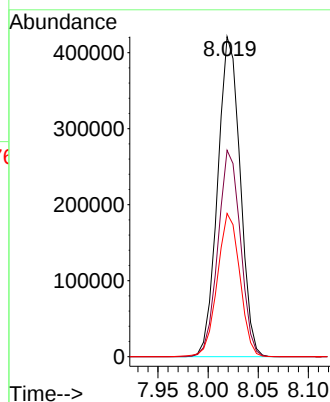
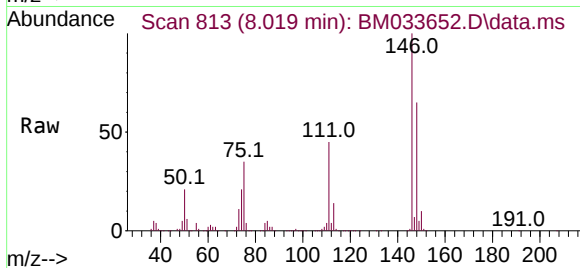
Tgt Ion:146 Resp: 655845

Ion Ratio Lower Upper

146 100

148 64.5 53.4 80.0

111 44.7 36.6 55.0



#14

1,2-Dichlorobenzene

Concen: 44.627 ng

RT: 8.342 min Scan# 868

Delta R.T. -0.000 min

Lab File: BM033652.D

Acq: 05 Jan 2022 20:40

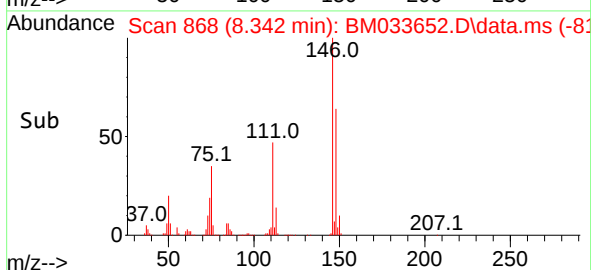
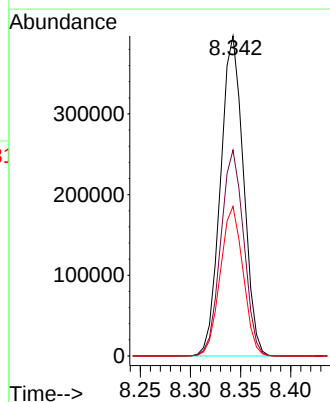
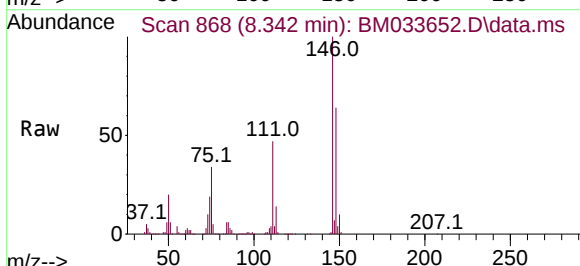
Tgt Ion:146 Resp: 631159

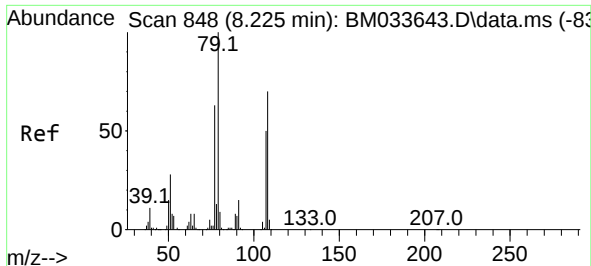
Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

111 46.7 37.8 56.8

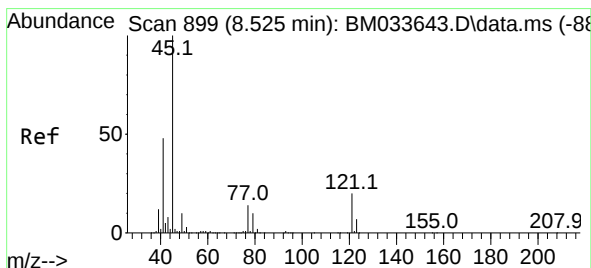
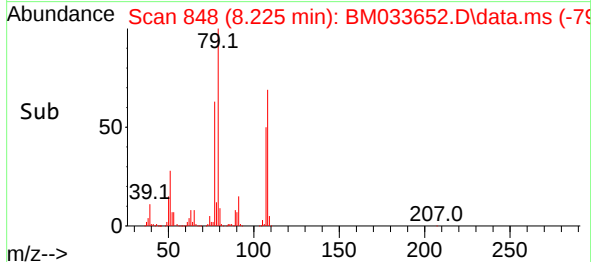
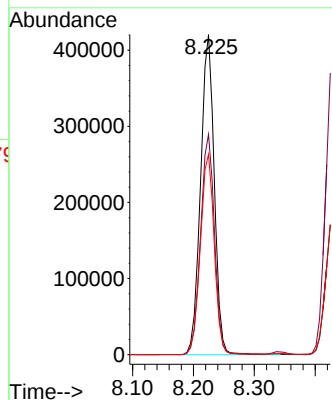
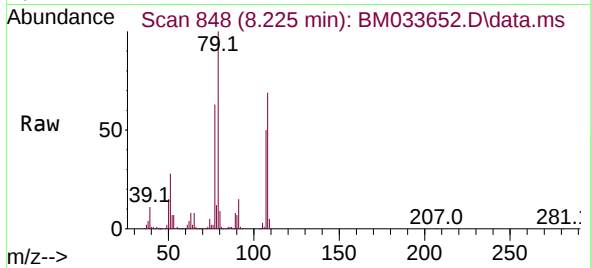




#15  
Benzyl Alcohol  
Concen: 51.027 ng  
RT: 8.225 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

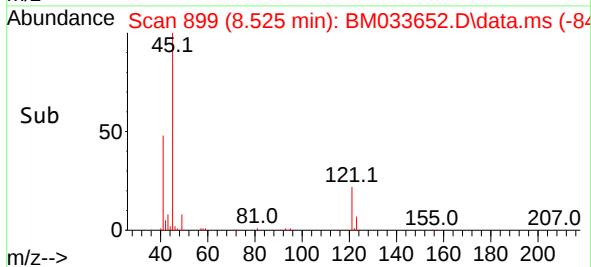
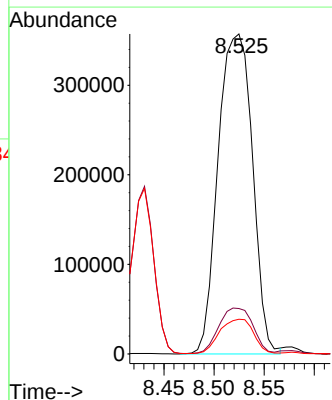
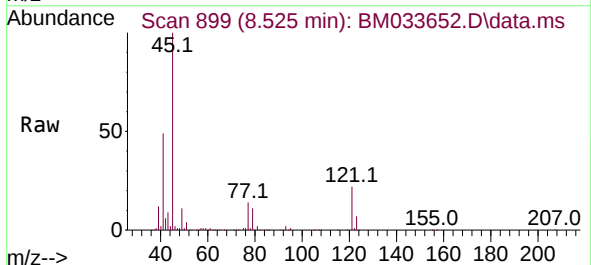
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

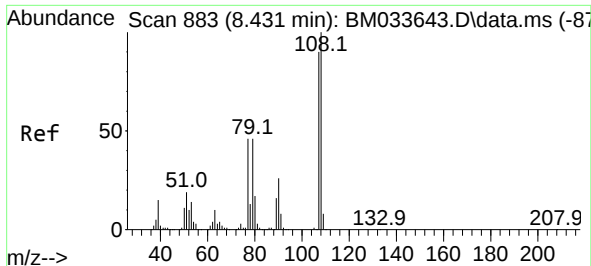
Tgt Ion: 79 Resp: 656874  
Ion Ratio Lower Upper  
79 100  
108 68.8 51.1 76.7  
77 62.6 53.8 80.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.197 ng  
RT: 8.525 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion: 45 Resp: 852470  
Ion Ratio Lower Upper  
45 100  
77 14.2 0.0 33.7  
79 10.9 0.0 30.0





#17

2-Methylphenol

Concen: 52.473 ng

RT: 8.431 min Scan# 883

Delta R.T. -0.000 min

Lab File: BM033652.D

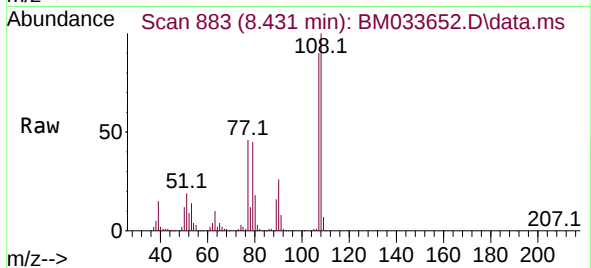
Acq: 05 Jan 2022 20:40

Instrument :

BNA\_M

ClientSampleId :

FM-E3-02-4.5MSD



Tgt Ion:107 Resp: 574301

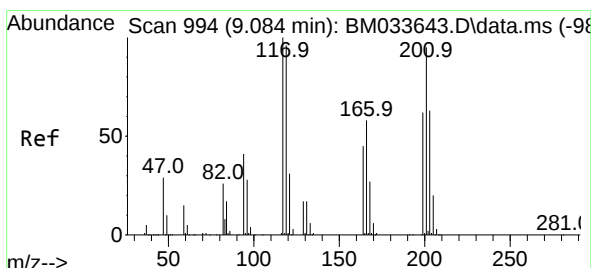
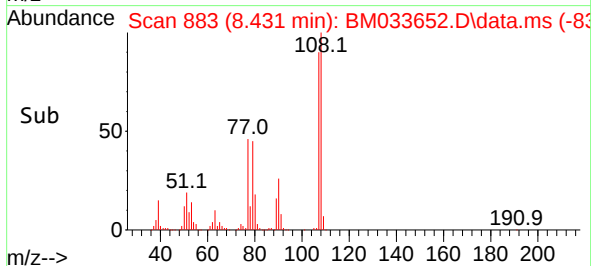
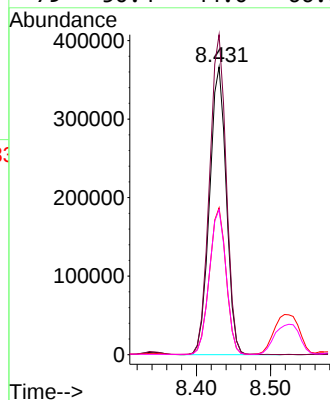
Ion Ratio Lower Upper

107 100

108 111.2 89.2 133.8

77 51.0 46.0 69.0

79 50.4 44.0 66.0



#18

Hexachloroethane

Concen: 45.643 ng

RT: 9.078 min Scan# 993

Delta R.T. -0.006 min

Lab File: BM033652.D

Acq: 05 Jan 2022 20:40

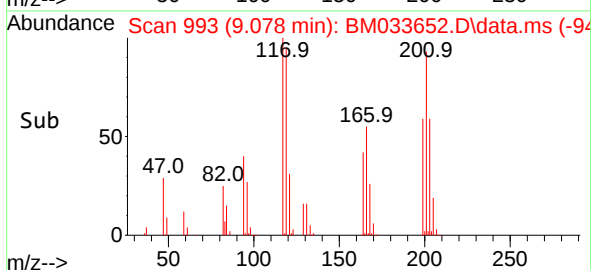
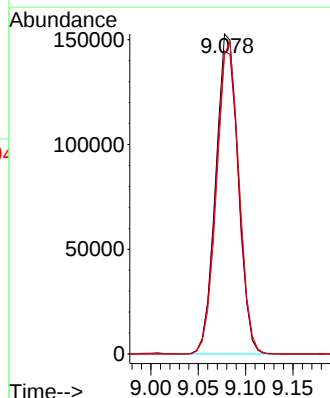
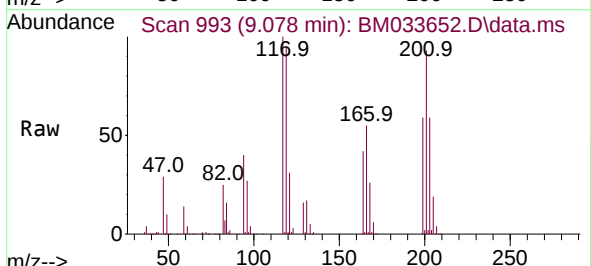
Tgt Ion:117 Resp: 252933

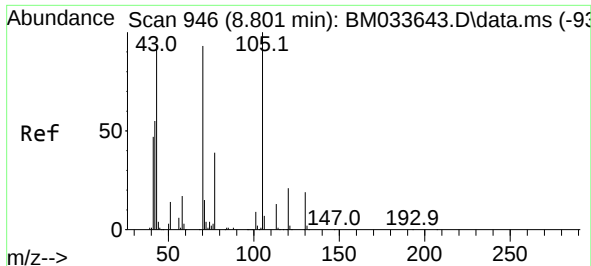
Ion Ratio Lower Upper

117 100

119 94.6 75.0 112.6

201 93.4 75.2 112.8



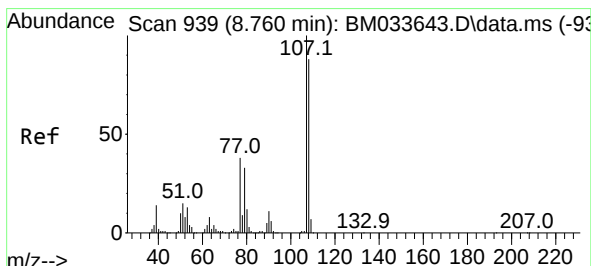
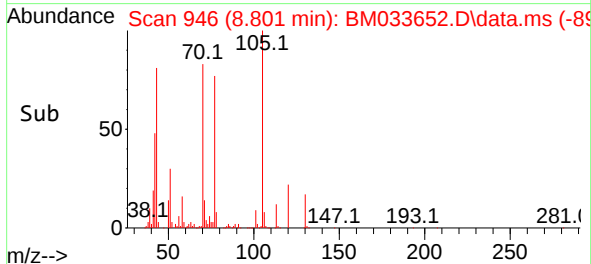
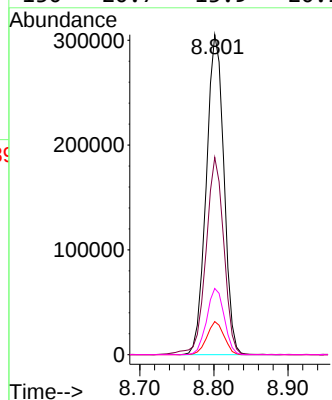
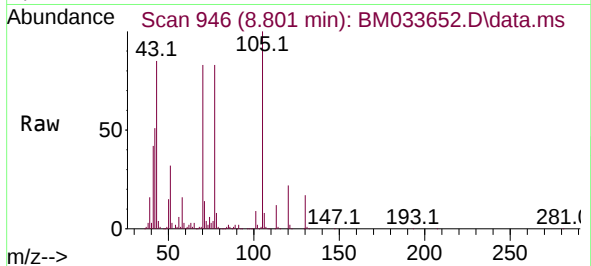


#19  
n-Nitroso-di-n-propylamine  
Concen: 48.994 ng  
RT: 8.801 min Scan# 946  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

Tgt Ion: 70 Resp: 504793

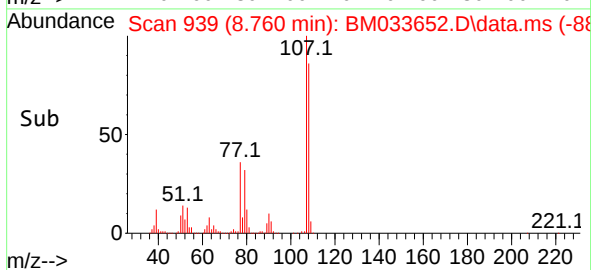
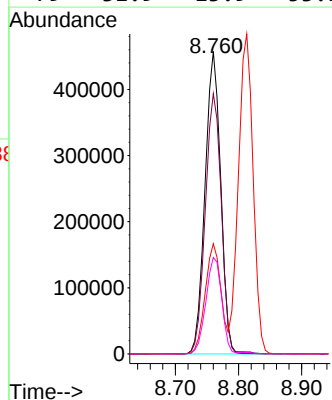
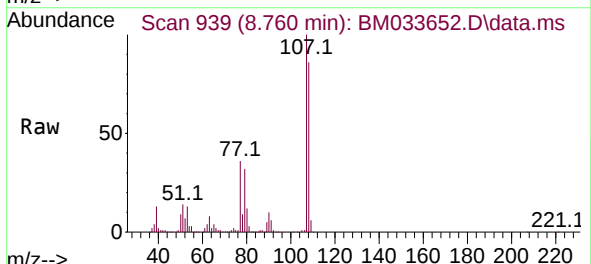
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 61.6  | 54.1  | 81.1  |
| 101 | 10.4  | 7.8   | 11.6  |
| 130 | 20.7  | 13.9  | 20.9  |

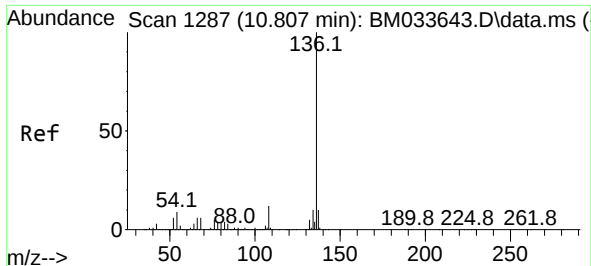


#20  
3+4-Methylphenols  
Concen: 52.727 ng  
RT: 8.760 min Scan# 939  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion: 107 Resp: 788368

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 86.1  | 64.2  | 104.2 |
| 77  | 36.5  | 22.7  | 62.7  |
| 79  | 31.9  | 13.9  | 53.9  |



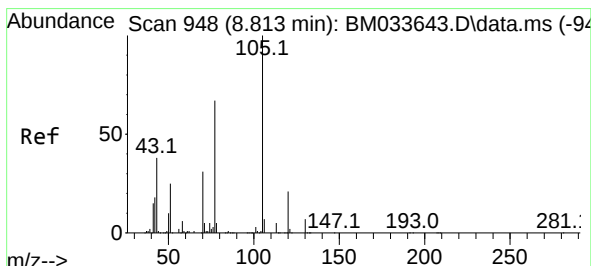
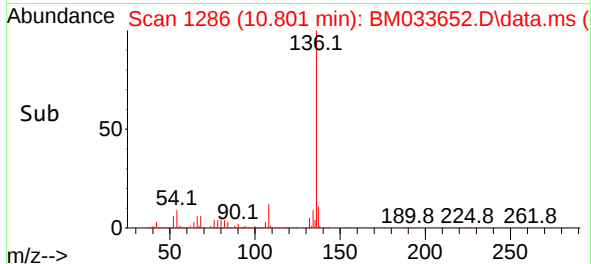
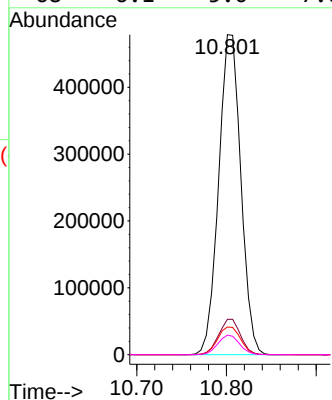
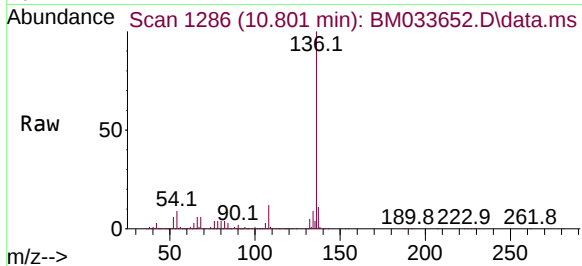


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.801 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

Tgt Ion:136 Resp: 822998

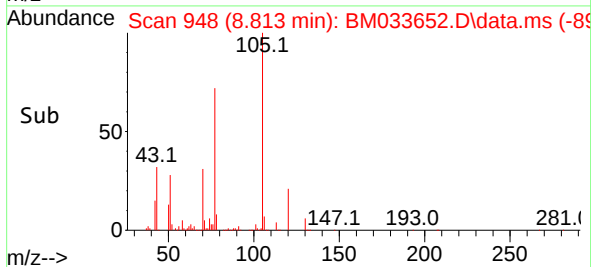
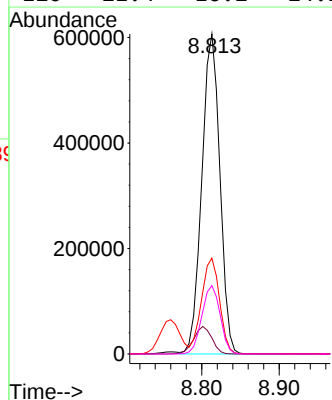
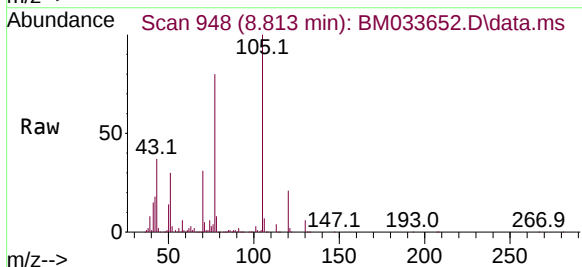
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.6   | 13.0  |
| 54  | 8.7   | 8.3   | 12.5  |
| 68  | 6.1   | 5.0   | 7.6   |

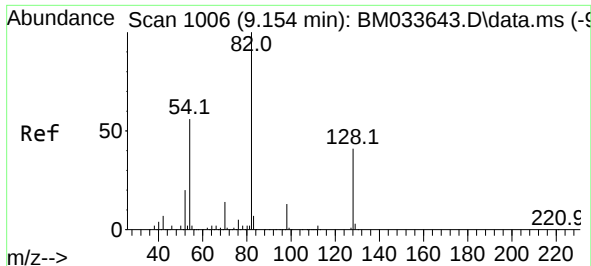


#22  
Acetophenone  
Concen: 44.456 ng  
RT: 8.813 min Scan# 948  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:105 Resp: 981261

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 5.1   | 1.6   | 2.4#  |
| 51  | 30.0  | 27.7  | 41.5  |
| 120 | 21.4  | 16.2  | 24.2  |

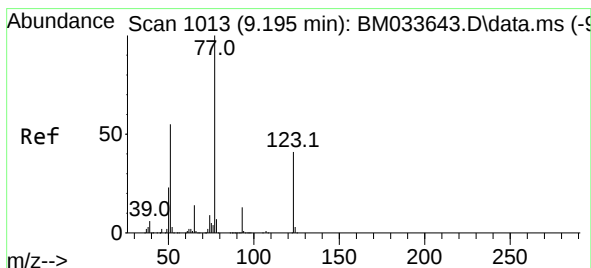
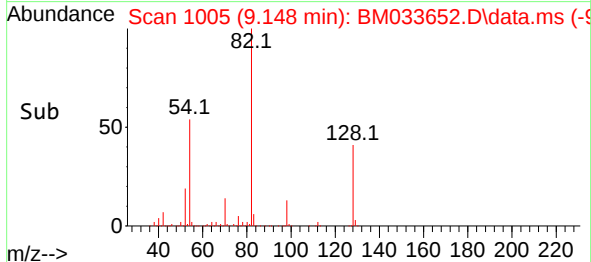
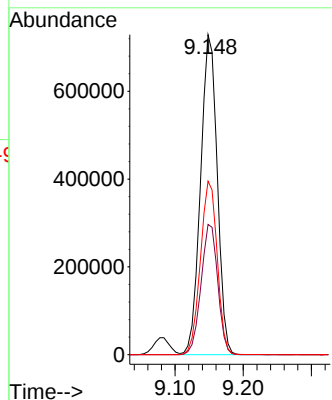
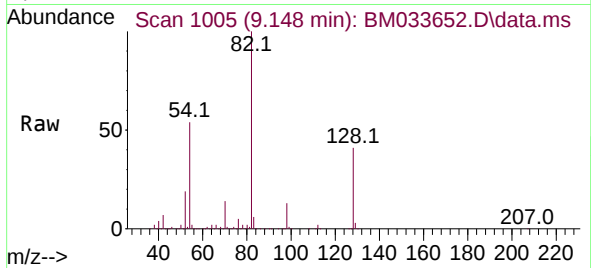




#23  
Nitrobenzene-d5  
Concen: 69.588 ng  
RT: 9.148 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

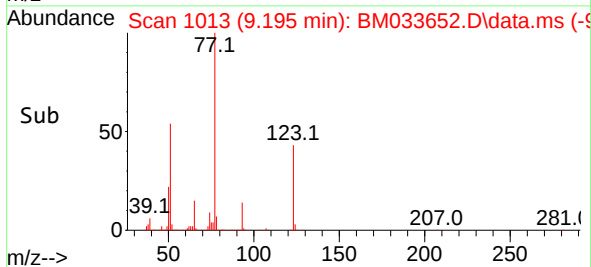
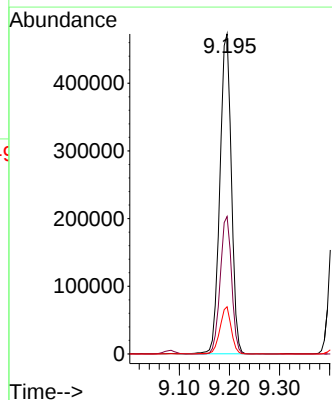
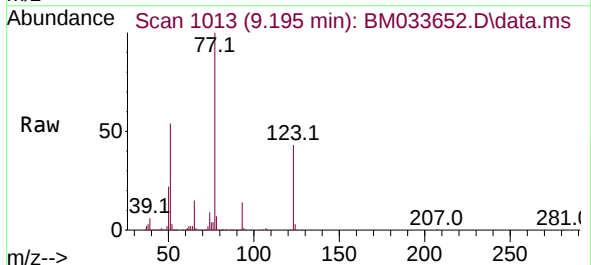
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

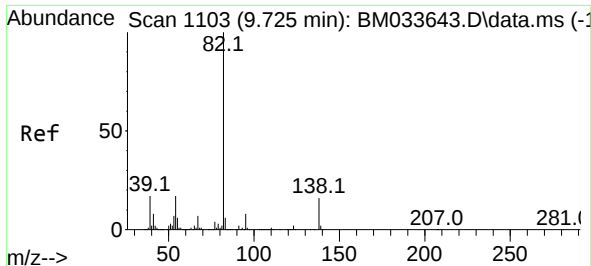
Tgt Ion: 82 Resp: 1240098  
Ion Ratio Lower Upper  
82 100  
128 40.7 28.1 42.1  
54 54.2 46.1 69.1



#24  
Nitrobenzene  
Concen: 44.165 ng  
RT: 9.195 min Scan# 1013  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion: 77 Resp: 748421  
Ion Ratio Lower Upper  
77 100  
123 42.9 29.8 44.8  
65 14.8 11.5 17.3

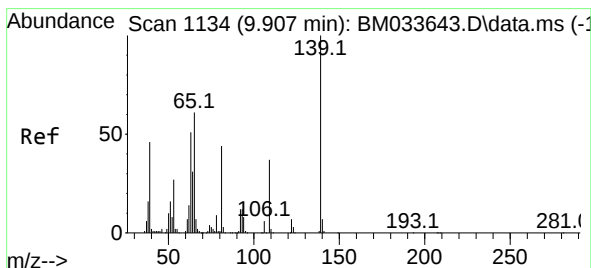
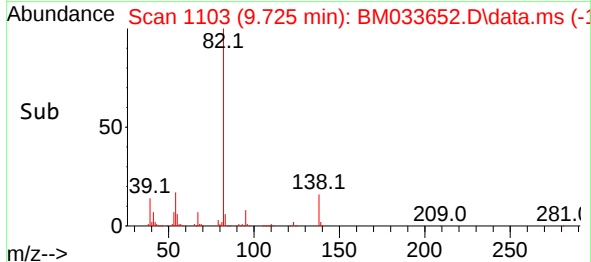
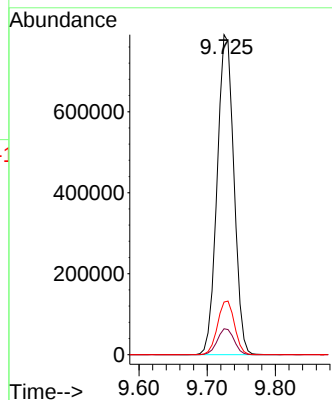
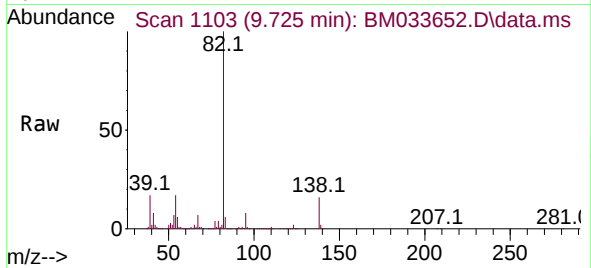




#25  
Isophorone  
Concen: 46.886 ng  
RT: 9.725 min Scan# 1103  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

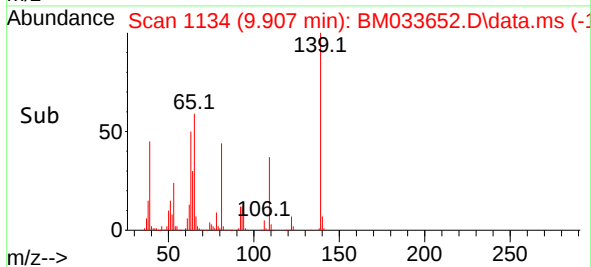
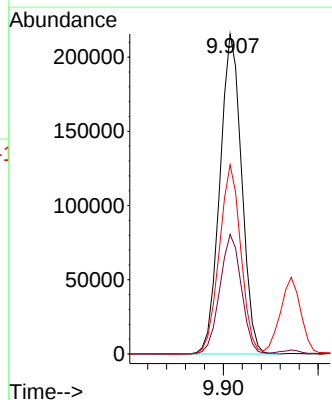
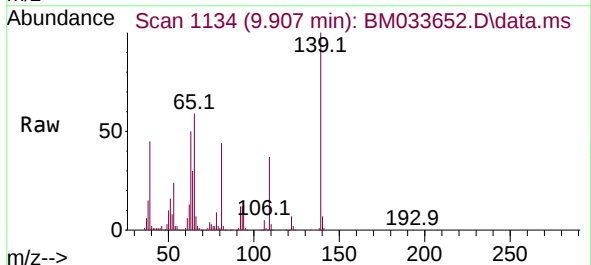
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

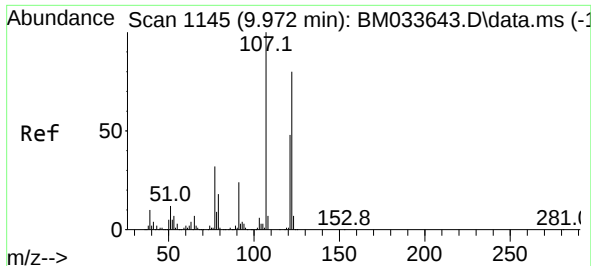
Tgt Ion: 82 Resp: 1353416  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.4 9.6  
138 16.4 12.4 18.6



#26  
2-Nitrophenol  
Concen: 48.108 ng  
RT: 9.907 min Scan# 1134  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:139 Resp: 343495  
Ion Ratio Lower Upper  
139 100  
109 37.4 33.0 49.6  
65 59.1 57.2 85.8





#27

2,4-Dimethylphenol

Concen: 54.887 ng

RT: 9.972 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BM033652.D

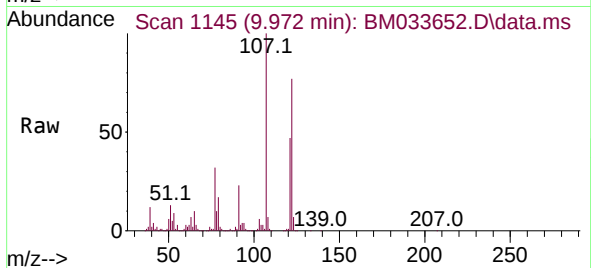
Acq: 05 Jan 2022 20:40

Instrument :

BNA\_M

ClientSampleId :

FM-E3-02-4.5MSD



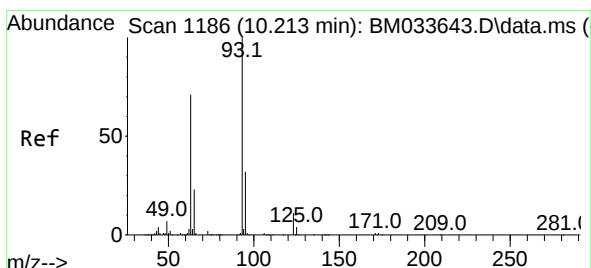
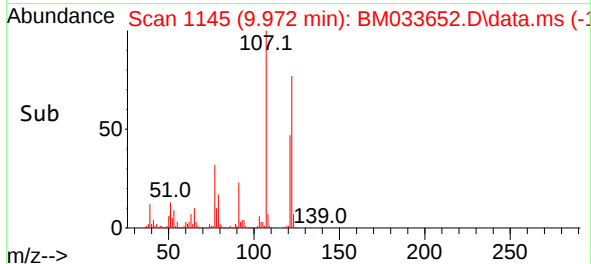
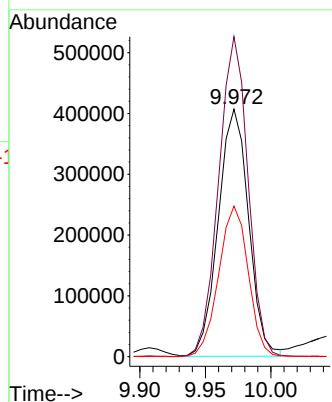
Tgt Ion:122 Resp: 654242

Ion Ratio Lower Upper

122 100

107 129.3 105.3 157.9

121 60.8 49.7 74.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.596 ng

RT: 10.207 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BM033652.D

Acq: 05 Jan 2022 20:40

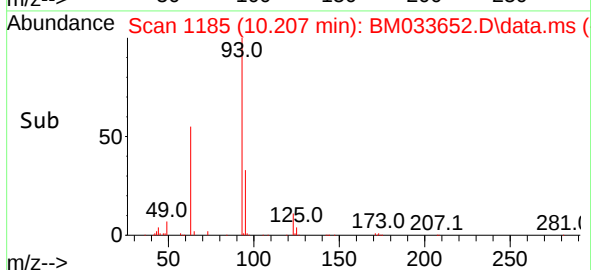
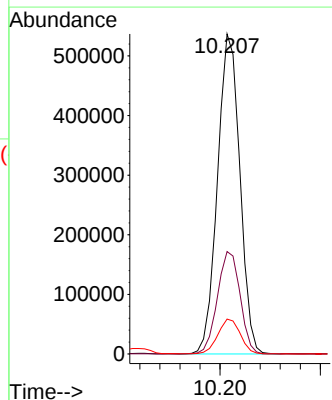
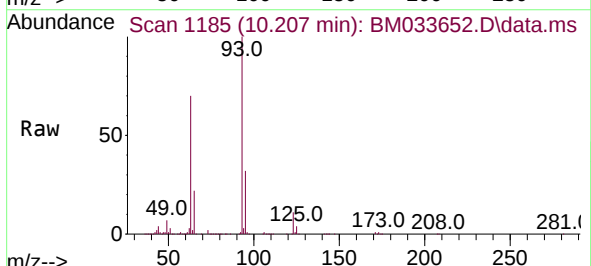
Tgt Ion: 93 Resp: 829612

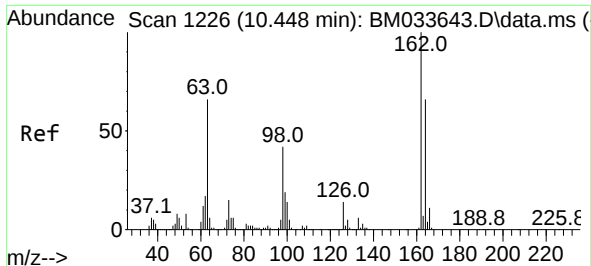
Ion Ratio Lower Upper

93 100

95 32.0 26.8 40.2

123 10.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 49.833 ng

RT: 10.448 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BM033652.D

Acq: 05 Jan 2022 20:40

Instrument :

BNA\_M

ClientSampleId :

FM-E3-02-4.5MSD

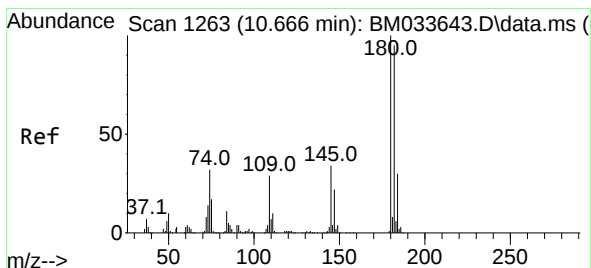
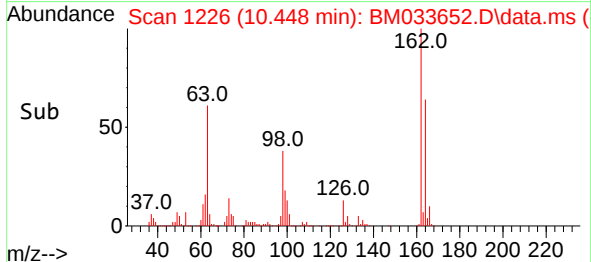
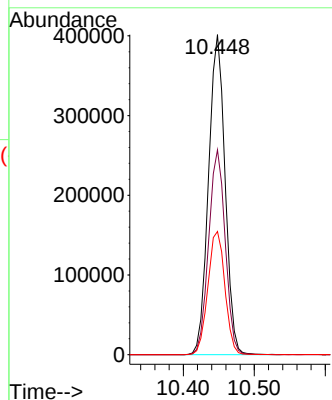
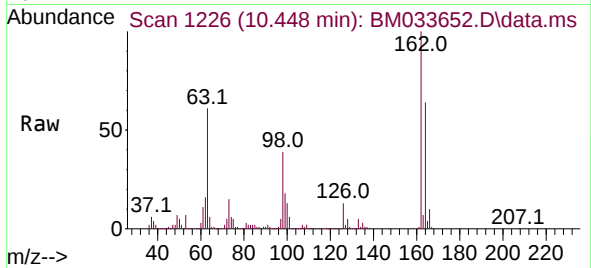
Tgt Ion:162 Resp: 650351

Ion Ratio Lower Upper

162 100

164 64.0 44.4 84.4

98 38.5 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 42.348 ng

RT: 10.666 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BM033652.D

Acq: 05 Jan 2022 20:40

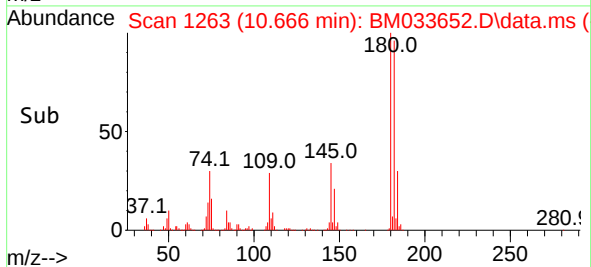
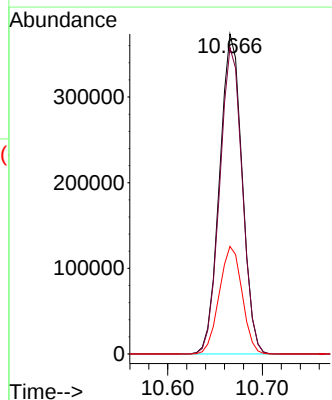
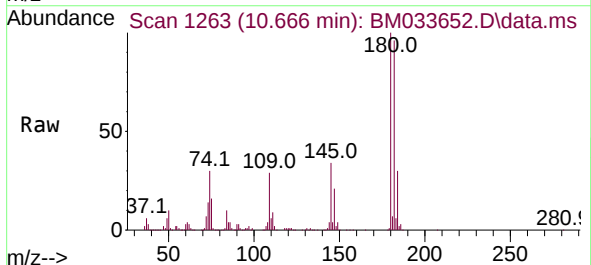
Tgt Ion:180 Resp: 617292

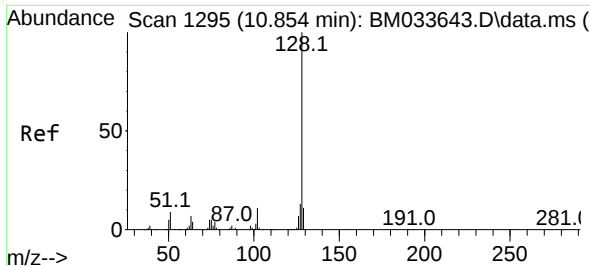
Ion Ratio Lower Upper

180 100

182 95.7 77.8 116.8

145 33.6 26.0 39.0

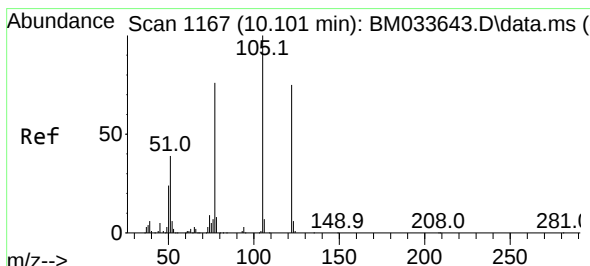
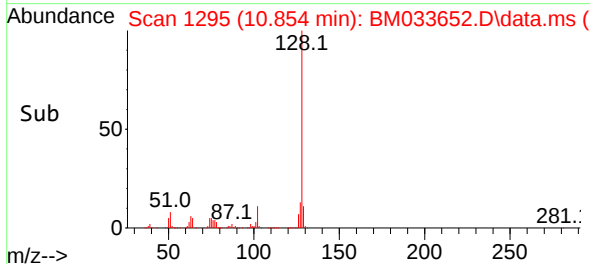
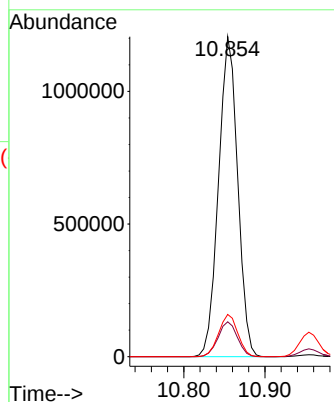
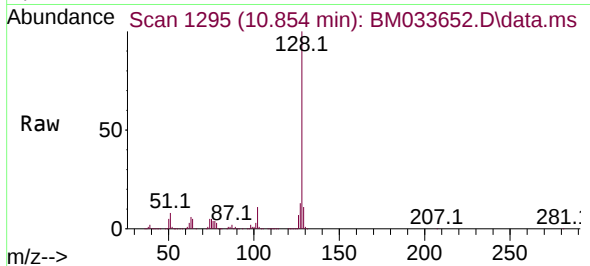




#31  
Naphthalene  
Concen: 43.869 ng  
RT: 10.854 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

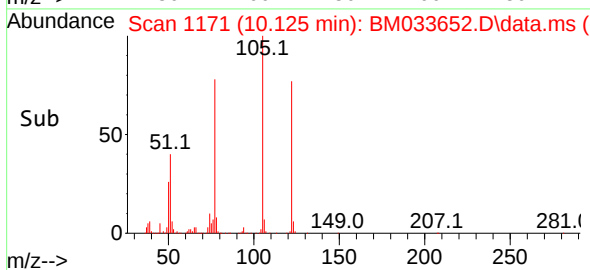
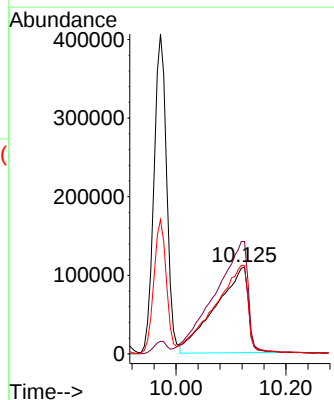
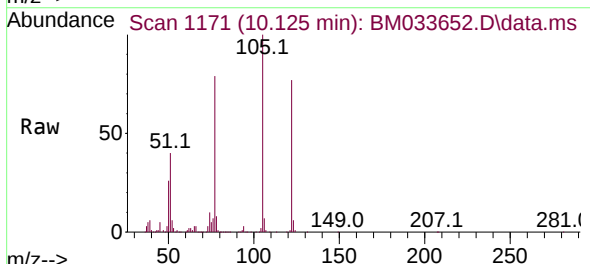
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

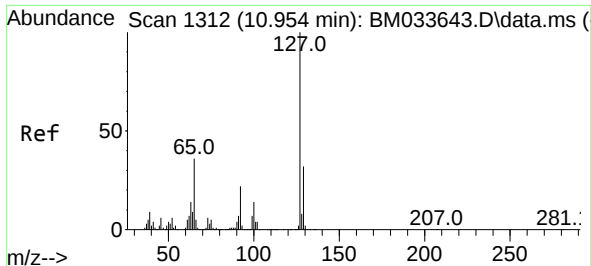
Tgt Ion:128 Resp: 1978783  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.5 12.7  
127 13.2 10.8 16.2



#32  
Benzoic acid  
Concen: 53.451 ng  
RT: 10.125 min Scan# 1171  
Delta R.T. 0.023 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:122 Resp: 448313  
Ion Ratio Lower Upper  
122 100  
105 129.9 119.6 159.6  
77 102.1 101.0 141.0

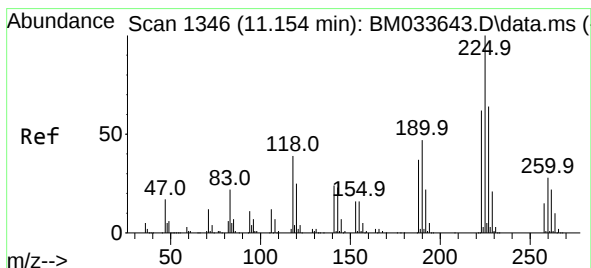
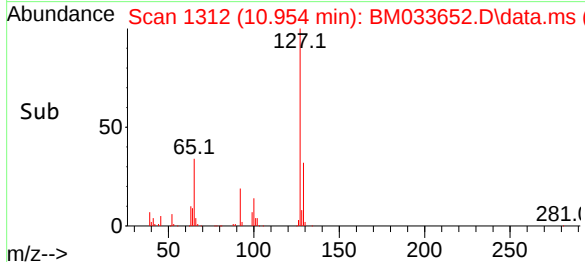
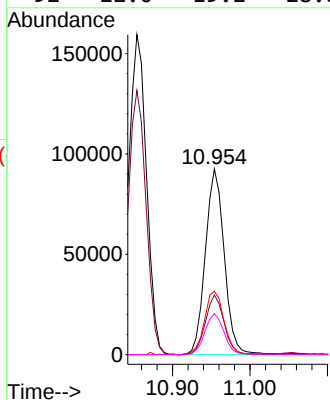
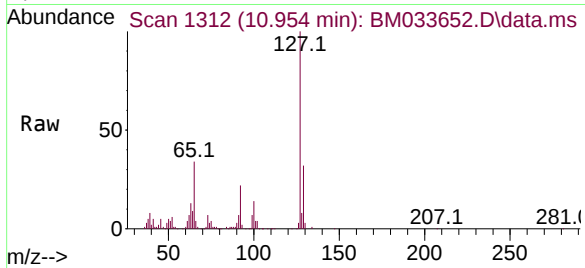




#33  
4-Chloroaniline  
Concen: 8.832 ng  
RT: 10.954 min Scan# 1312  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

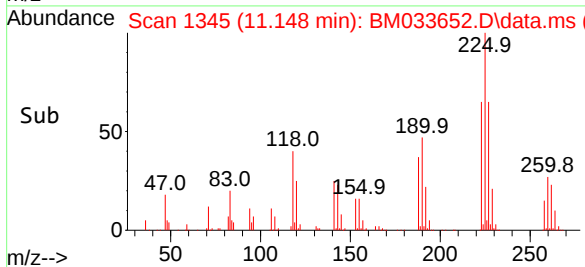
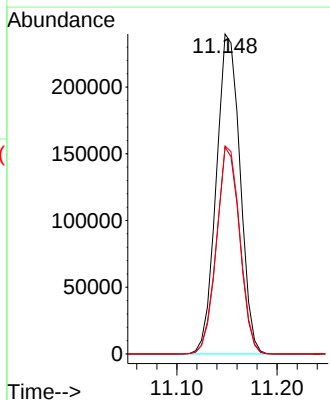
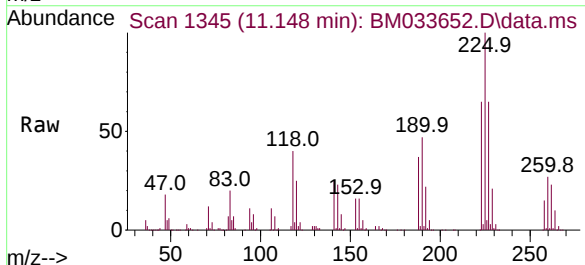
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

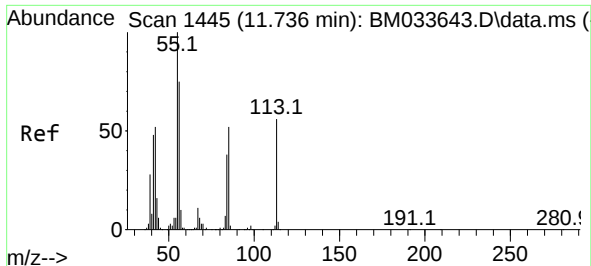
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 157191 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 26.2  | 39.4   |
| 65       | 34.1  | 33.0  | 49.6   |
| 92       | 22.0  | 19.2  | 28.8   |



#34  
Hexachlorobutadiene  
Concen: 41.410 ng  
RT: 11.148 min Scan# 1345  
Delta R.T. -0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 394264 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.6  | 52.5  | 78.7   |
| 227      | 65.0  | 52.7  | 79.1   |

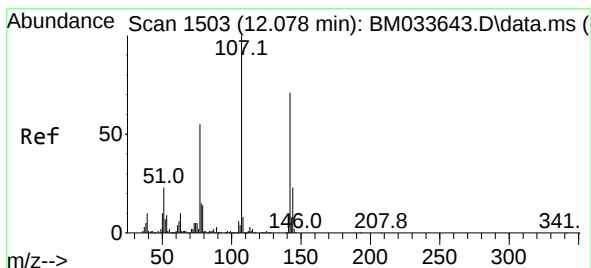
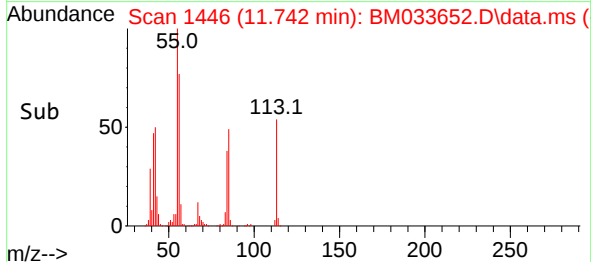
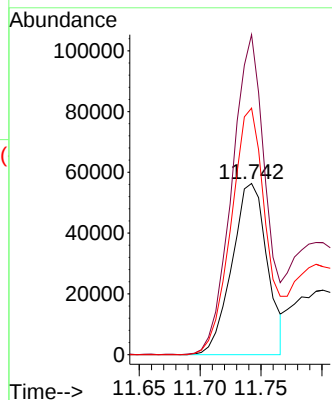
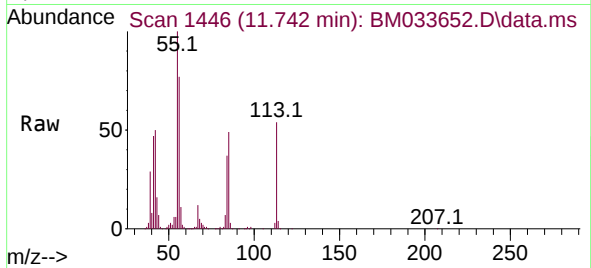




#35  
Caprolactam  
Concen: 31.288 ng  
RT: 11.742 min Scan# 1445  
Delta R.T. 0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

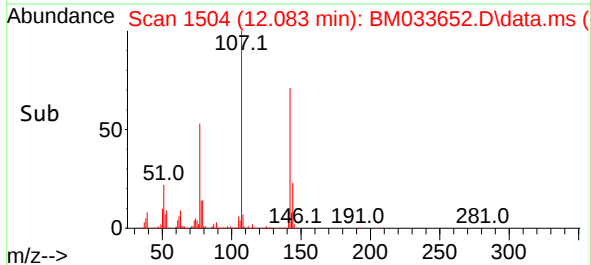
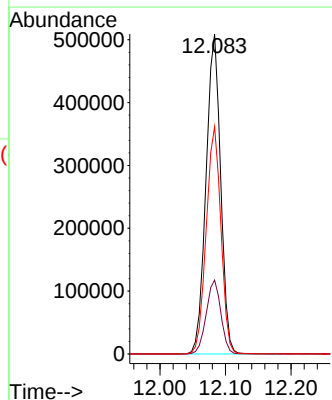
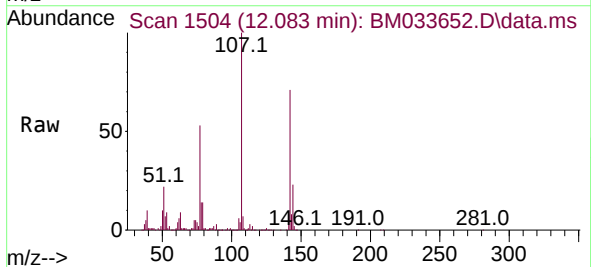
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

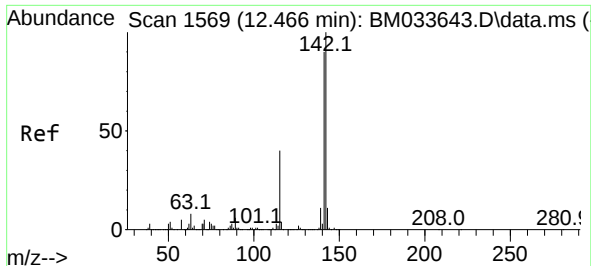
Tgt Ion:113 Resp: 113252  
Ion Ratio Lower Upper  
113 100  
55 186.8 183.6 223.6  
56 144.0 143.7 183.7



#36  
4-Chloro-3-methylphenol  
Concen: 52.184 ng  
RT: 12.083 min Scan# 1504  
Delta R.T. 0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:107 Resp: 791094  
Ion Ratio Lower Upper  
107 100  
144 23.1 18.6 27.8  
142 71.0 56.9 85.3

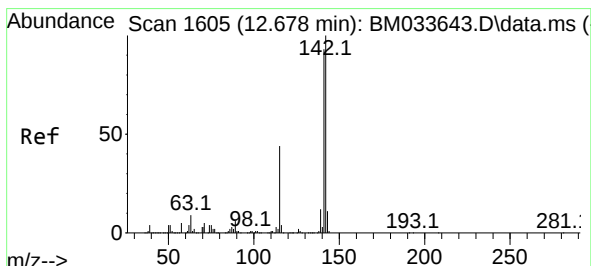
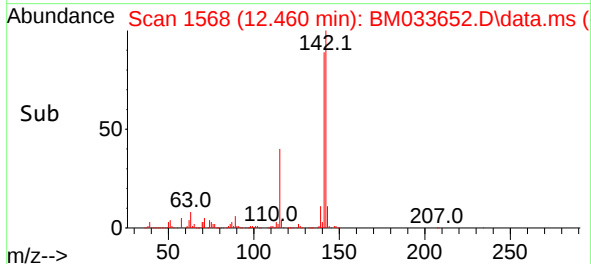
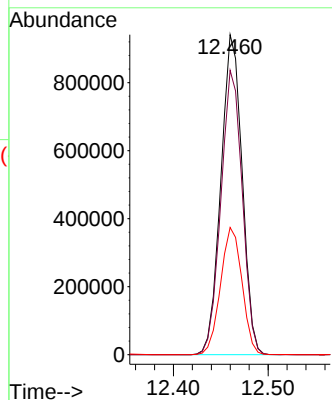
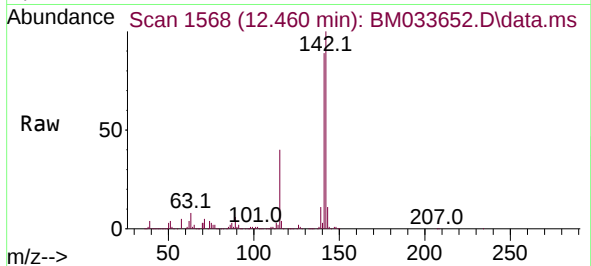




#37  
2-Methylnaphthalene  
Concen: 48.171 ng  
RT: 12.460 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

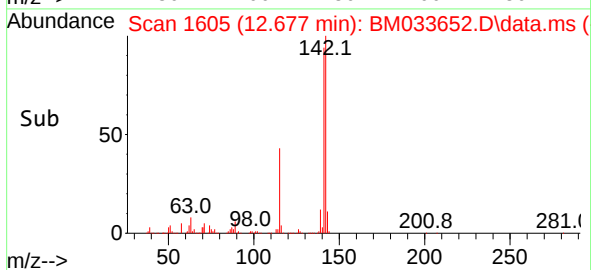
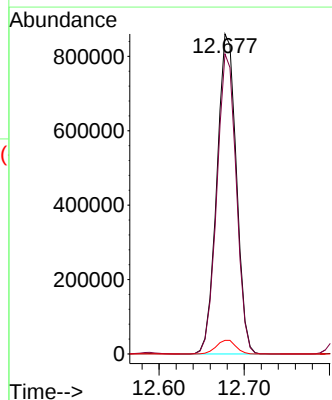
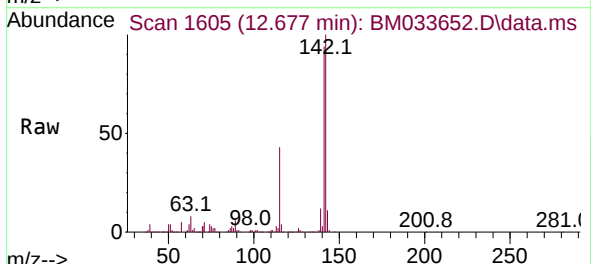
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

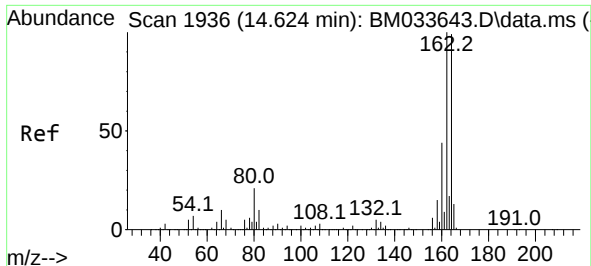
Tgt Ion:142 Resp: 1468265  
Ion Ratio Lower Upper  
142 100  
141 88.8 72.2 108.2  
115 39.8 33.0 49.6



#38  
1-Methylnaphthalene  
Concen: 46.165 ng  
RT: 12.677 min Scan# 1605  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

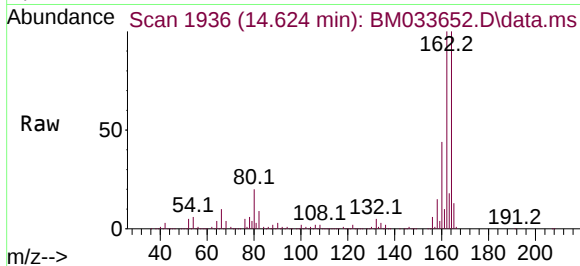
Tgt Ion:142 Resp: 1367618  
Ion Ratio Lower Upper  
142 100  
141 93.7 75.0 112.4  
116 4.3 3.5 5.3



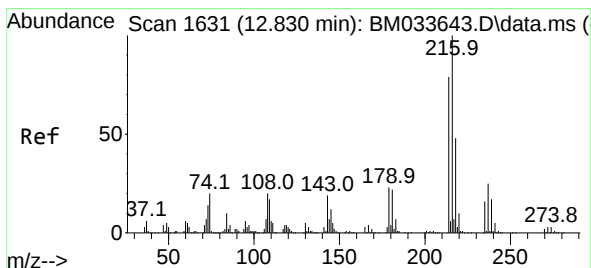
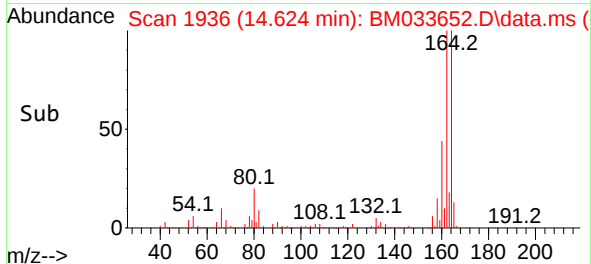
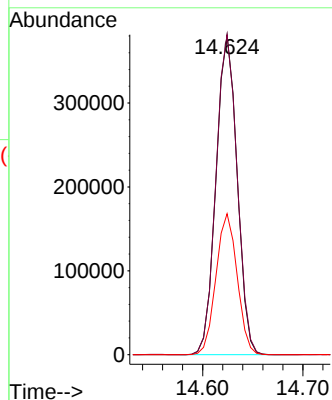


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.624 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

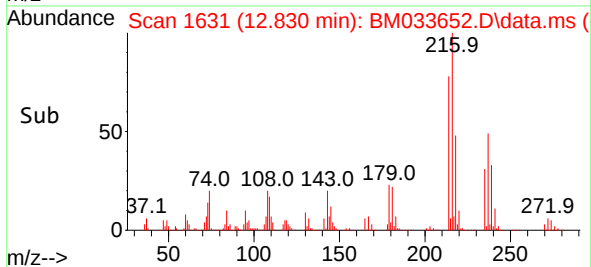
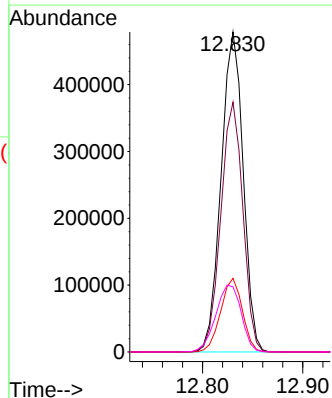
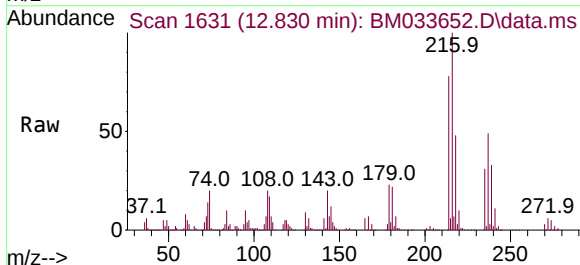


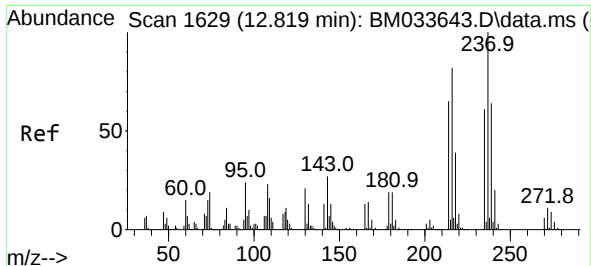
Tgt Ion:164 Resp: 555505  
Ion Ratio Lower Upper  
164 100  
162 100.1 79.7 119.5  
160 44.1 34.2 51.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.628 ng  
RT: 12.830 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:216 Resp: 731036  
Ion Ratio Lower Upper  
216 100  
214 77.9 62.6 93.8  
179 22.7 18.2 27.2  
108 24.2 18.0 27.0

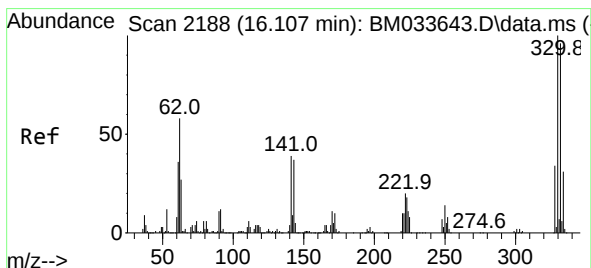
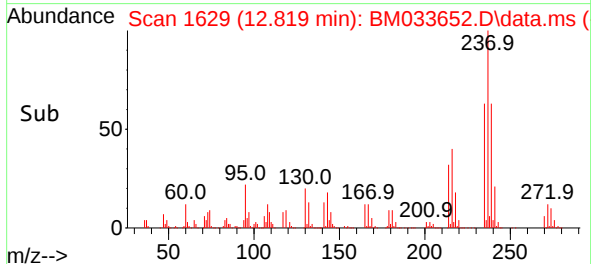
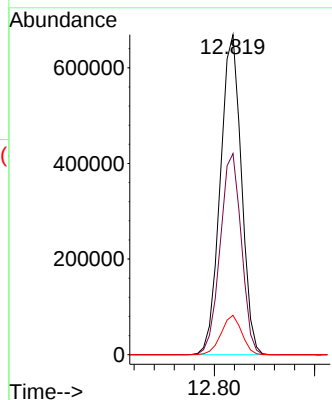
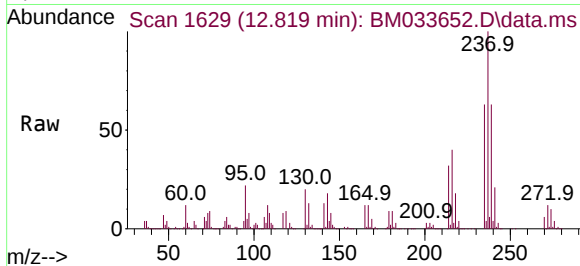




#41  
Hexachlorocyclopentadiene  
Concen: 88.314 ng  
RT: 12.819 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

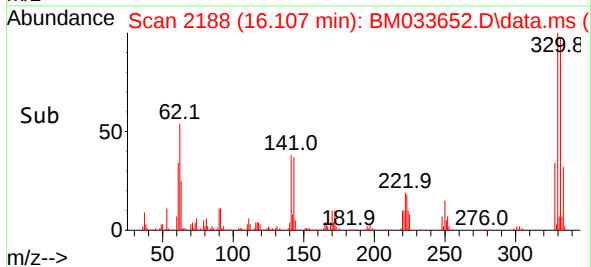
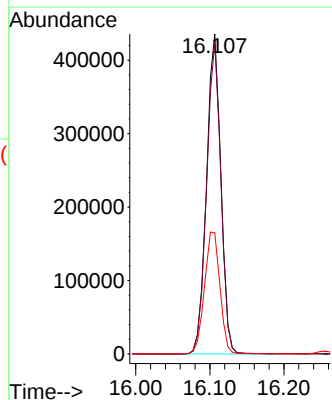
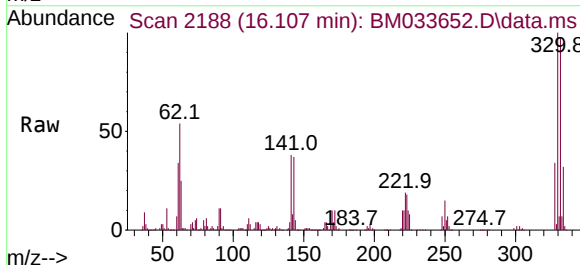
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

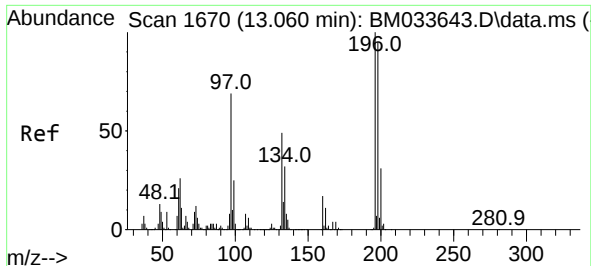
Tgt Ion:237 Resp: 975608  
Ion Ratio Lower Upper  
237 100  
235 62.9 41.7 81.7  
272 12.3 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 101.065 ng  
RT: 16.107 min Scan# 2188  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:330 Resp: 586386  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.5 114.7  
141 41.2 35.9 53.9

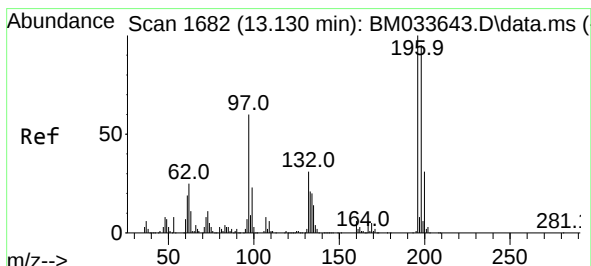
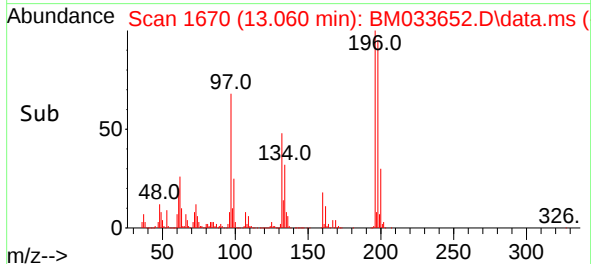
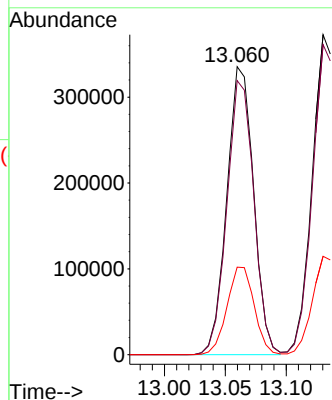
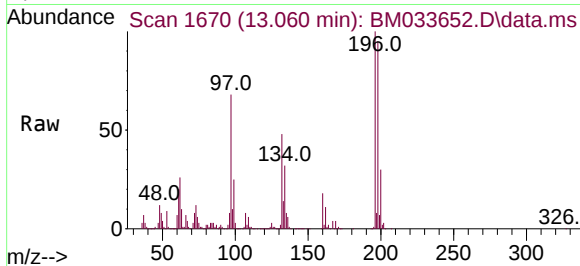




#43  
2,4,6-Trichlorophenol  
Concen: 44.814 ng  
RT: 13.060 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

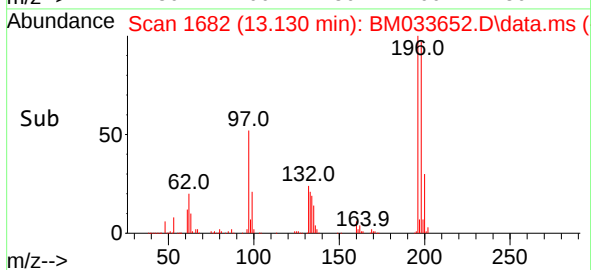
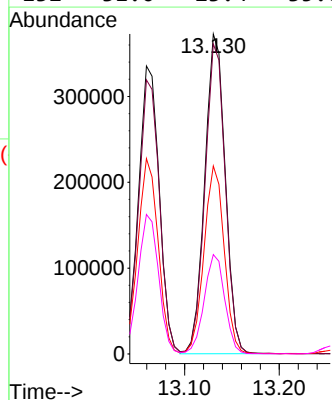
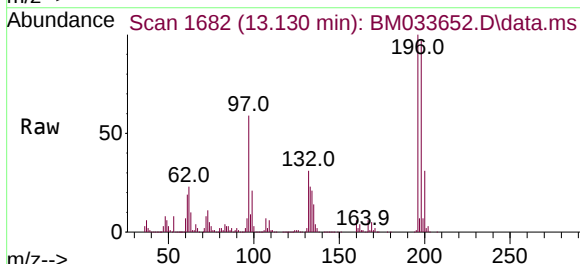
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

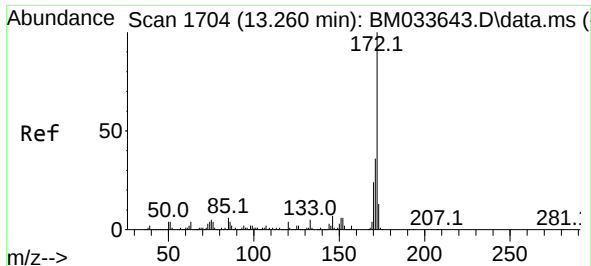
Tgt Ion:196 Resp: 513391  
Ion Ratio Lower Upper  
196 100  
198 95.1 75.1 112.7  
200 30.4 24.0 36.0



#44  
2,4,5-Trichlorophenol  
Concen: 46.050 ng  
RT: 13.130 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:196 Resp: 558137  
Ion Ratio Lower Upper  
196 100  
198 96.9 77.8 116.6  
97 58.7 49.7 74.5  
132 31.0 23.4 35.0

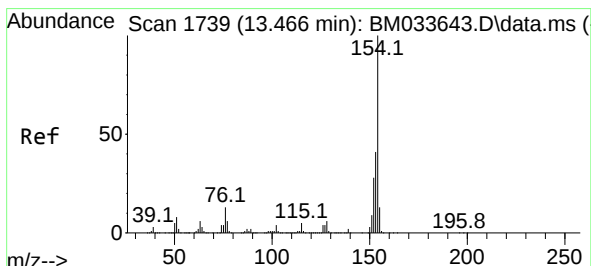
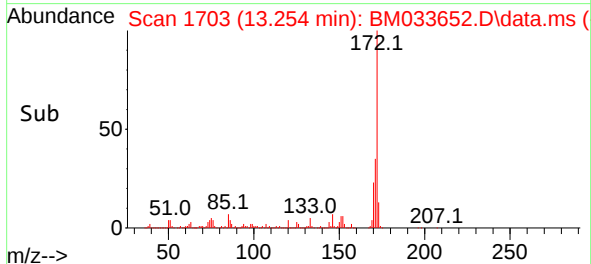
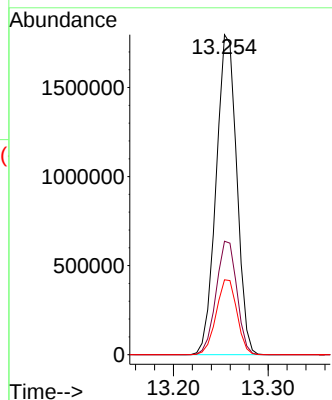
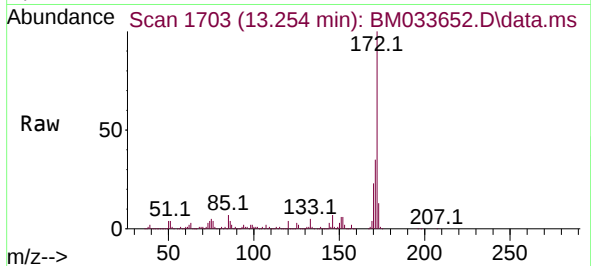




#45  
2-Fluorobiphenyl  
Concen: 64.113 ng  
RT: 13.254 min Scan# 1703  
Delta R.T. -0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

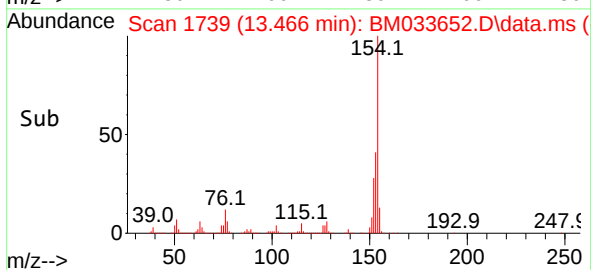
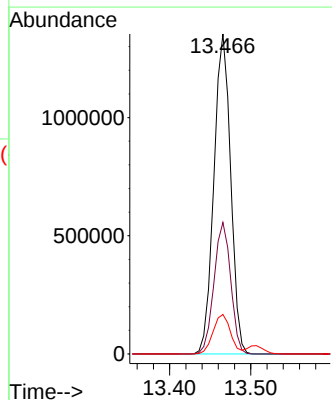
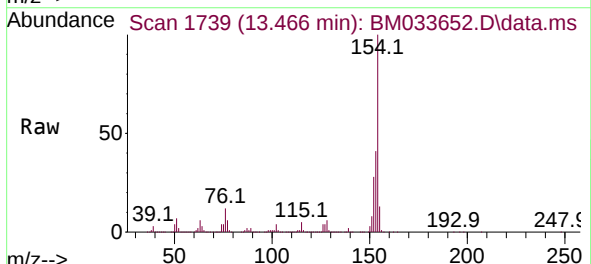
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

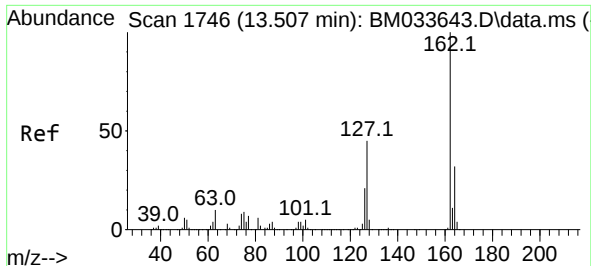
Tgt Ion:172 Resp: 2719169  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.2 40.8  
170 23.4 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 42.731 ng  
RT: 13.466 min Scan# 1739  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:154 Resp: 1938906  
Ion Ratio Lower Upper  
154 100  
153 41.1 20.7 60.7  
76 12.3 0.0 34.4

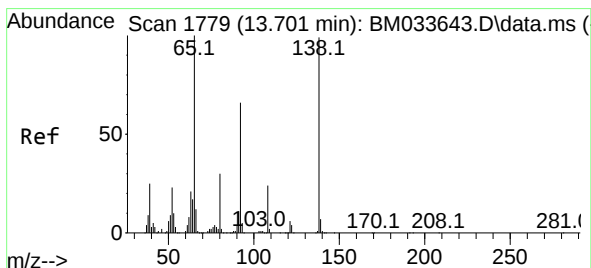
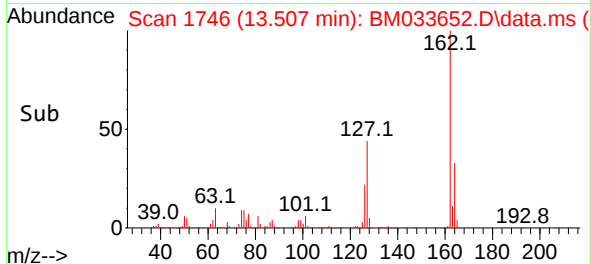
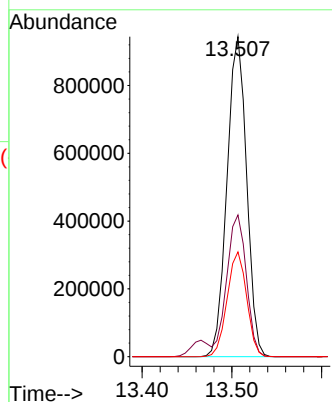
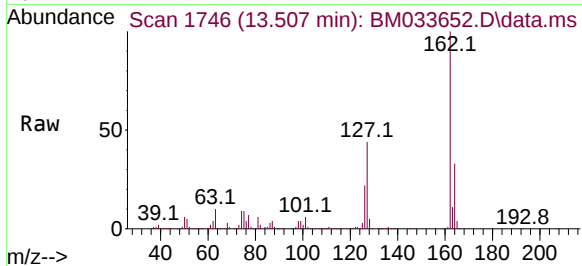




#47  
2-Chloronaphthalene  
Concen: 42.011 ng  
RT: 13.507 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

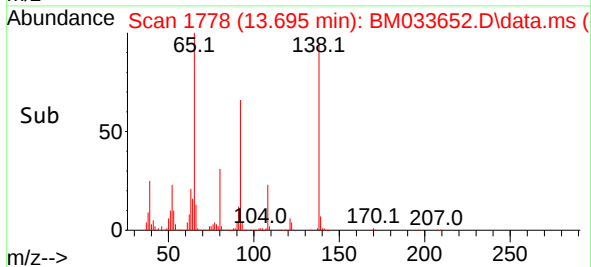
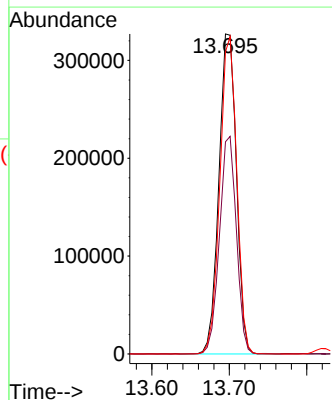
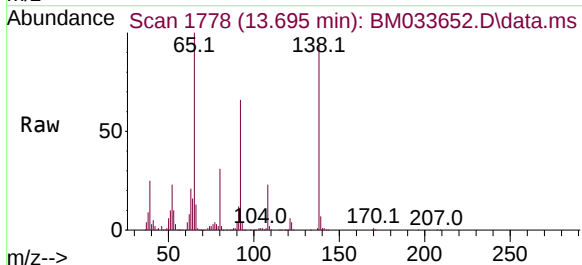
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

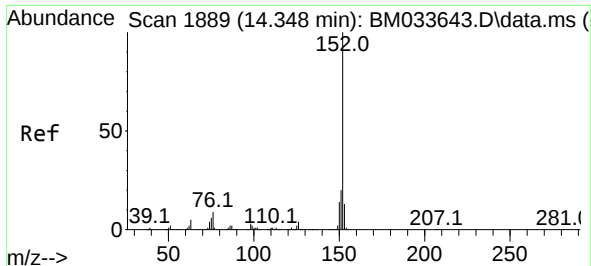
Tgt Ion:162 Resp: 1431419  
Ion Ratio Lower Upper  
162 100  
127 44.3 33.8 50.6  
164 32.8 26.2 39.4



#48  
2-Nitroaniline  
Concen: 47.912 ng  
RT: 13.695 min Scan# 1778  
Delta R.T. -0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion: 65 Resp: 512094  
Ion Ratio Lower Upper  
65 100  
92 66.3 50.0 75.0  
138 94.4 65.7 98.5

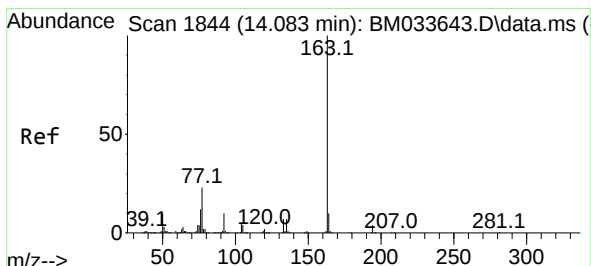
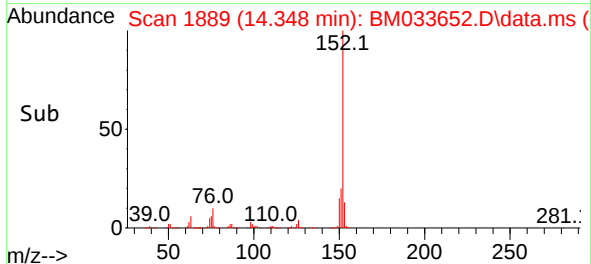
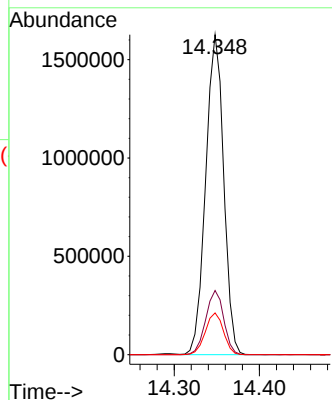
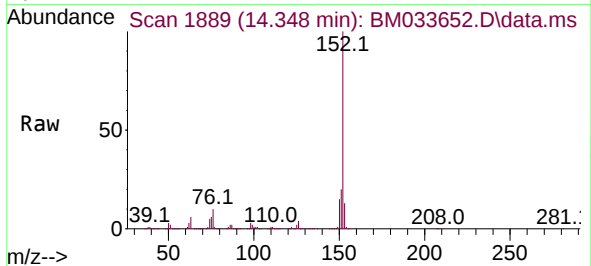




#49  
Acenaphthylene  
Concen: 44.840 ng  
RT: 14.348 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

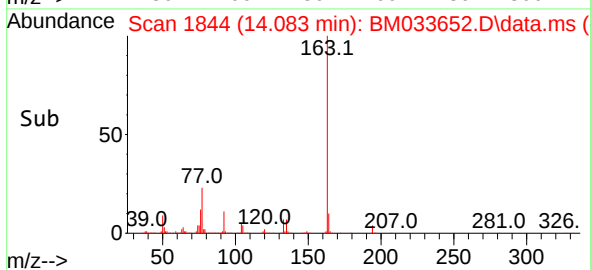
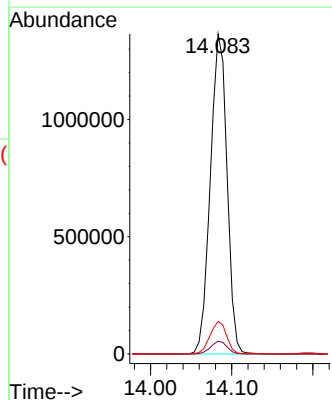
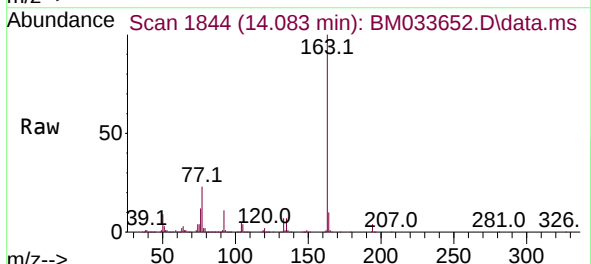
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

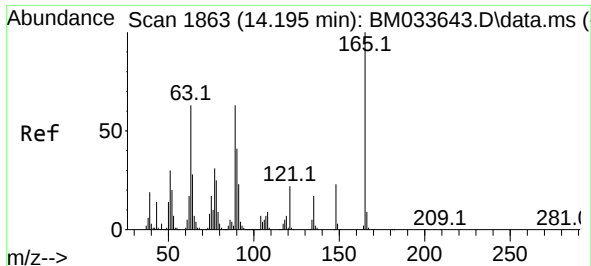
Tgt Ion:152 Resp: 2384258  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.4 23.2  
153 13.0 10.4 15.6



#50  
Dimethylphthalate  
Concen: 45.026 ng  
RT: 14.083 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:163 Resp: 1941709  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.1 8.6 12.8

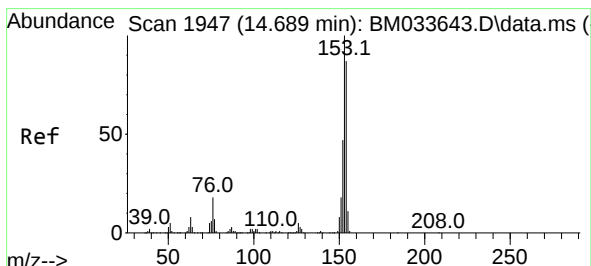
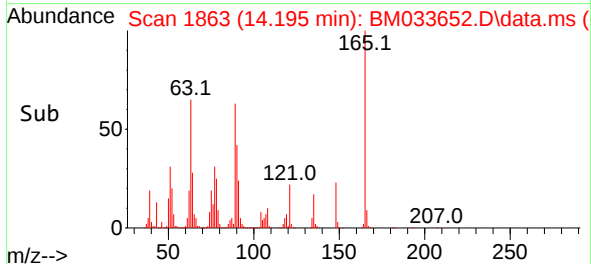
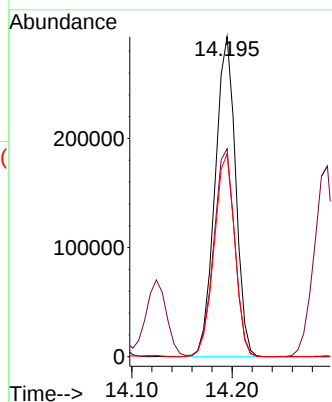
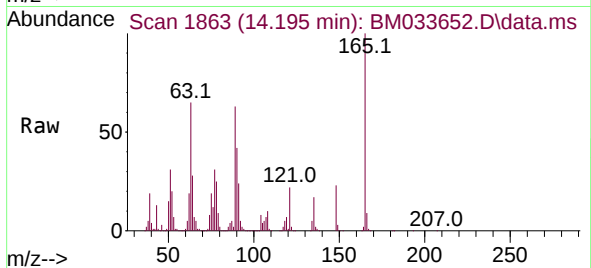




#51  
2,6-Dinitrotoluene  
Concen: 49.895 ng  
RT: 14.195 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

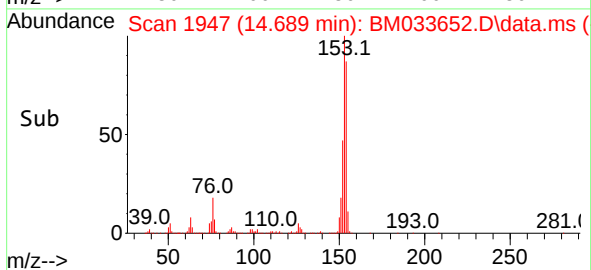
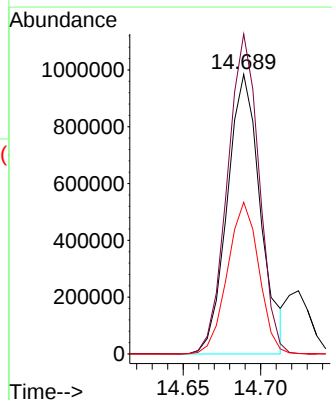
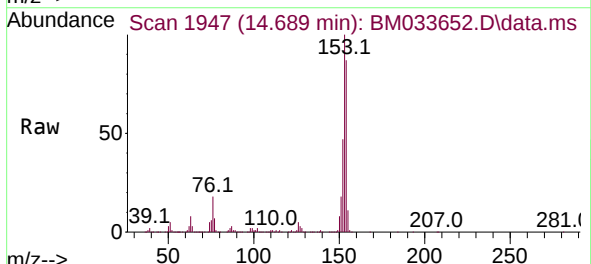
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

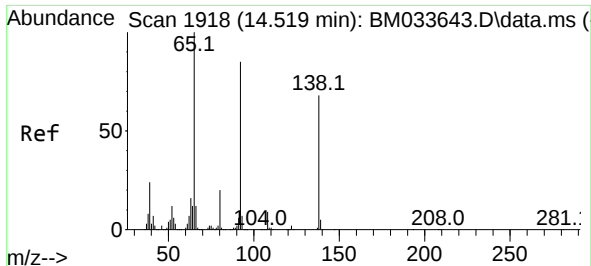
Tgt Ion:165 Resp: 416704  
Ion Ratio Lower Upper  
165 100  
63 64.9 56.9 85.3  
89 63.3 54.3 81.5



#52  
Acenaphthene  
Concen: 42.430 ng  
RT: 14.689 min Scan# 1947  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:154 Resp: 1467557  
Ion Ratio Lower Upper  
154 100  
153 114.5 90.2 135.4  
152 54.3 43.5 65.3

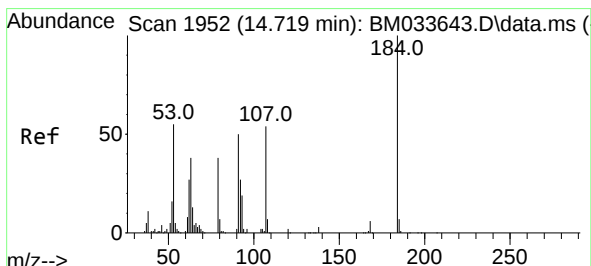
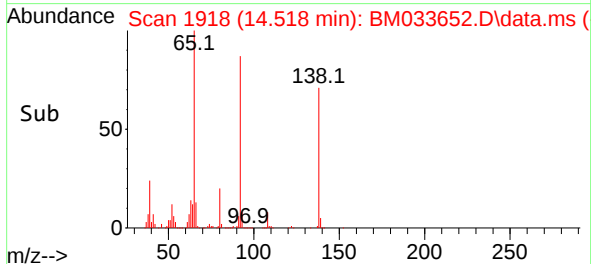
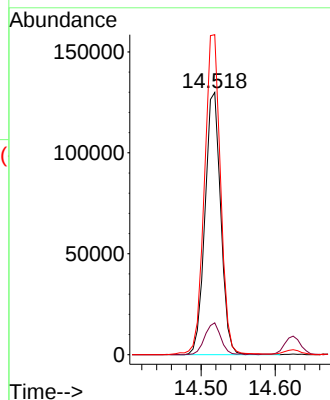
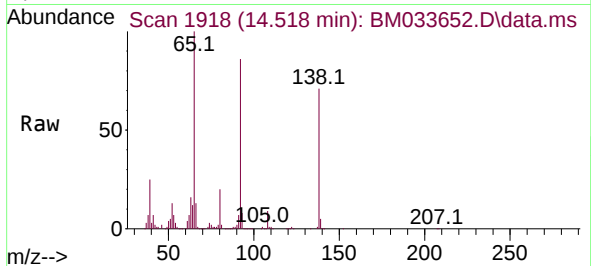




#53  
3-Nitroaniline  
Concen: 21.501 ng  
RT: 14.518 min Scan# 1918  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

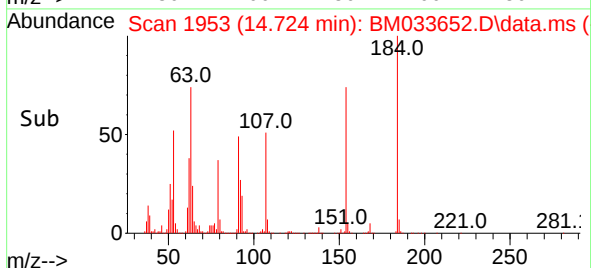
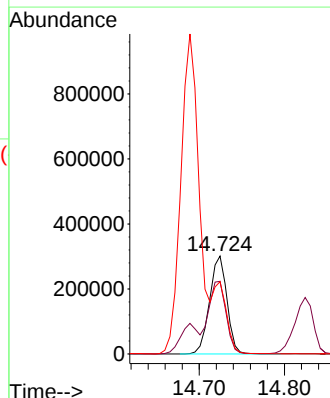
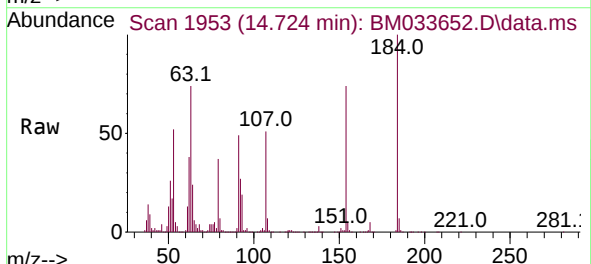
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

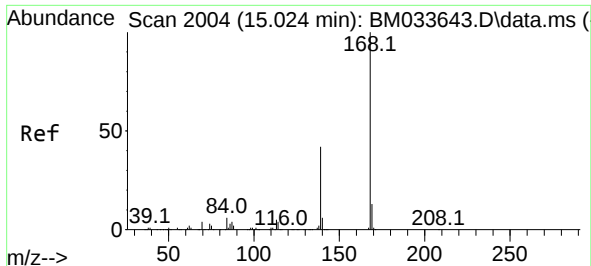
Tgt Ion:138 Resp: 191637  
Ion Ratio Lower Upper  
138 100  
108 12.1 9.5 14.3  
92 122.1 106.6 159.8



#54  
2,4-Dinitrophenol  
Concen: 110.493 ng  
RT: 14.724 min Scan# 1953  
Delta R.T. 0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:184 Resp: 425913  
Ion Ratio Lower Upper  
184 100  
63 74.1 71.8 107.6  
154 73.8 55.7 83.5

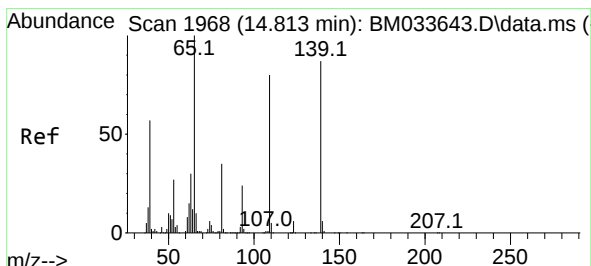
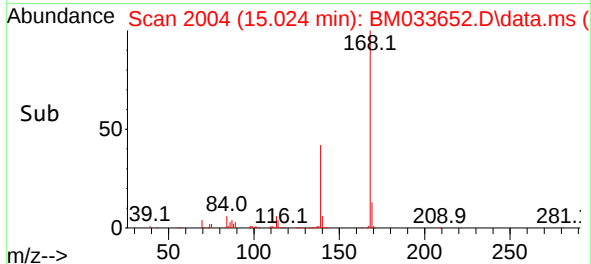
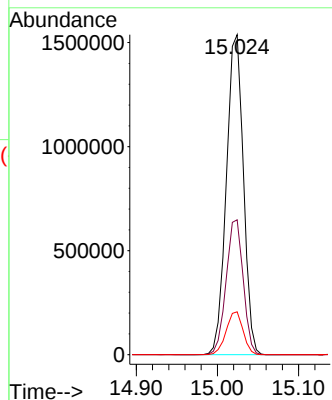
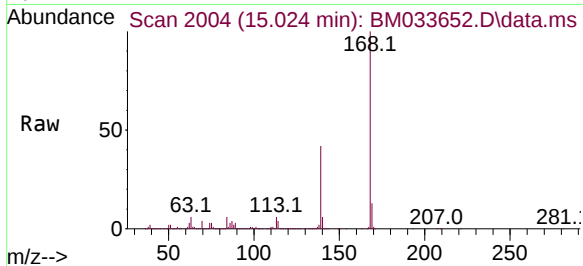




#55  
Dibenzofuran  
Concen: 43.292 ng  
RT: 15.024 min Scan# 2004  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

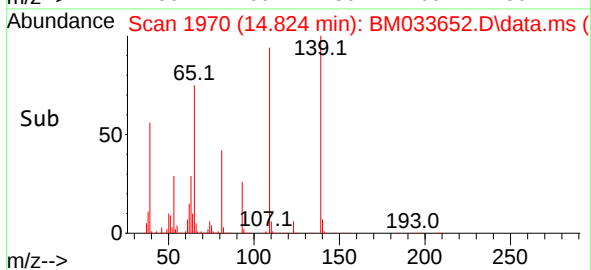
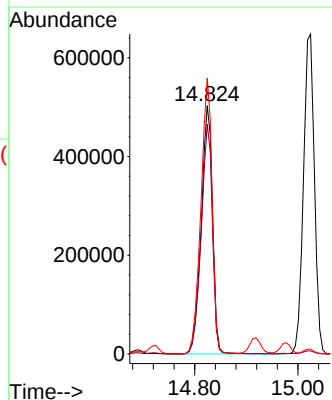
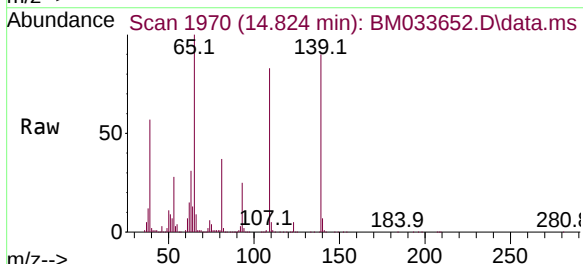
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

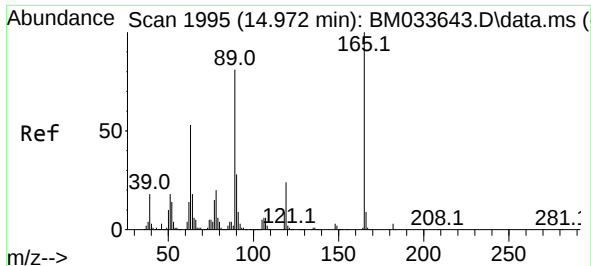
Tgt Ion:168 Resp: 2244546  
Ion Ratio Lower Upper  
168 100  
139 42.1 31.4 47.2  
169 13.4 10.6 15.8



#56  
4-Nitrophenol  
Concen: 108.303 ng  
RT: 14.824 min Scan# 1970  
Delta R.T. 0.012 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:139 Resp: 765032  
Ion Ratio Lower Upper  
139 100  
109 92.5 75.3 115.3  
65 111.0 107.4 147.4





#57

2,4-Dinitrotoluene

Concen: 55.543 ng

RT: 14.977 min Scan# 1995

Delta R.T. 0.006 min

Lab File: BM033652.D

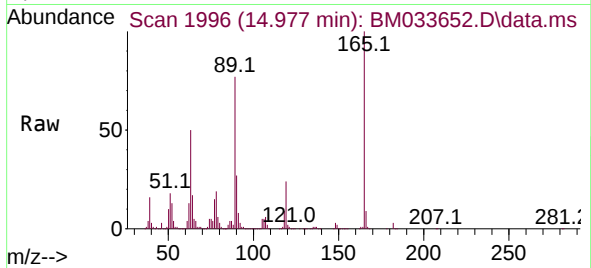
Acq: 05 Jan 2022 20:40

Instrument :

BNA\_M

ClientSampleId :

FM-E3-02-4.5MSD



Tgt Ion:165 Resp: 592326

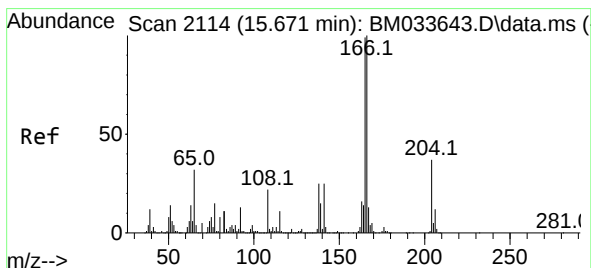
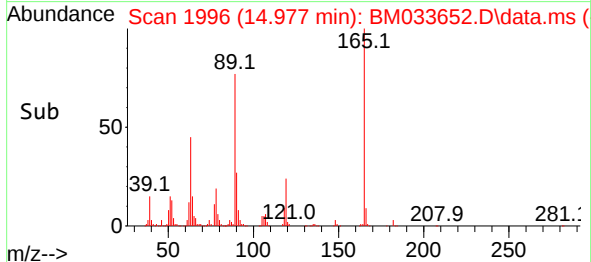
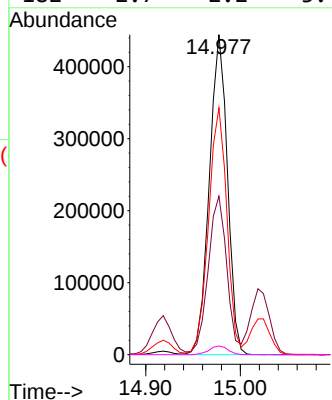
Ion Ratio Lower Upper

165 100

63 49.6 46.2 69.4

89 77.1 72.0 108.0

182 2.7 2.2 3.4



#58

Fluorene

Concen: 45.553 ng

RT: 15.665 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BM033652.D

Acq: 05 Jan 2022 20:40

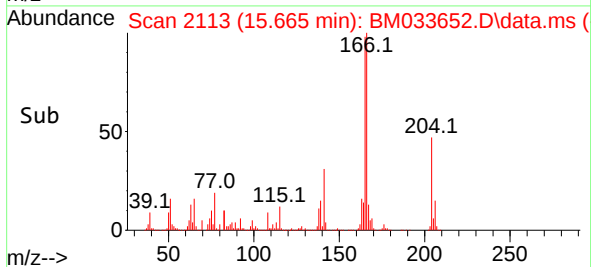
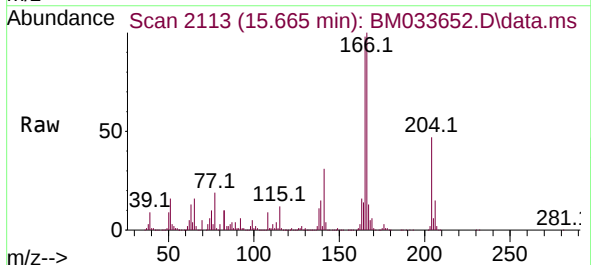
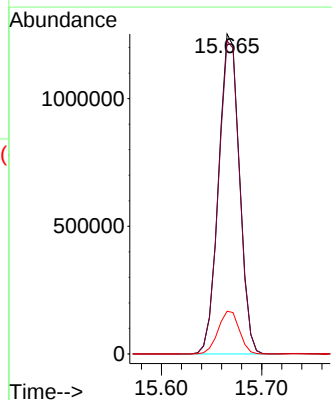
Tgt Ion:166 Resp: 1809187

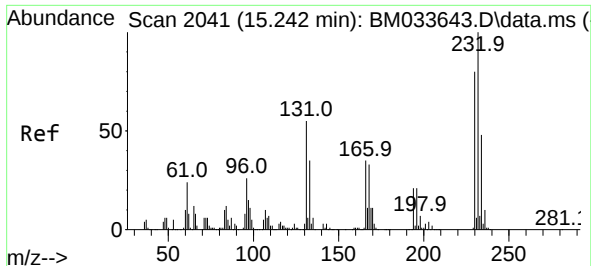
Ion Ratio Lower Upper

166 100

165 97.8 78.1 117.1

167 13.3 10.6 15.8

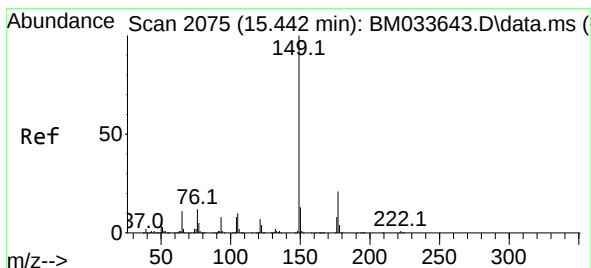
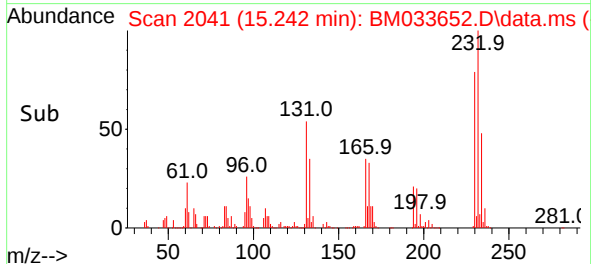
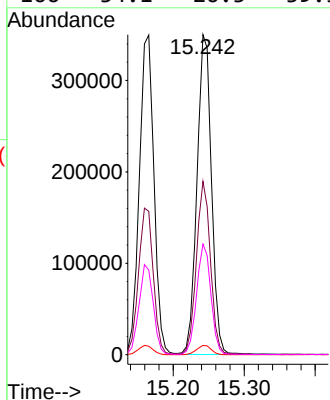
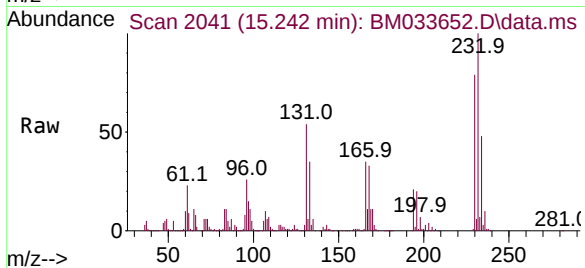




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.552 ng  
RT: 15.242 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

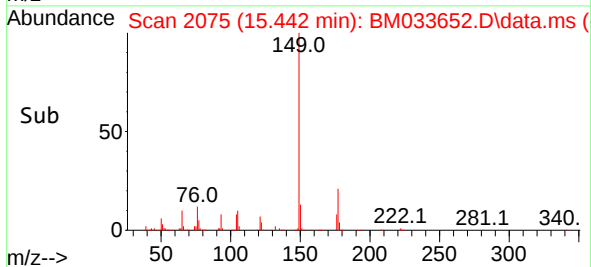
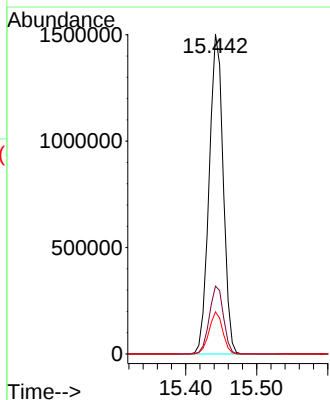
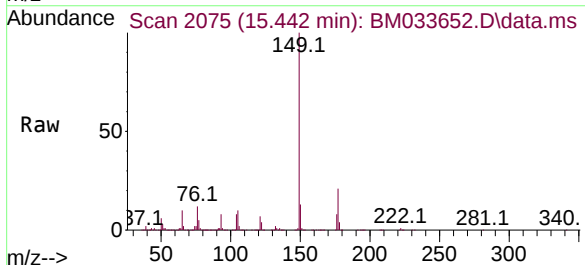
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

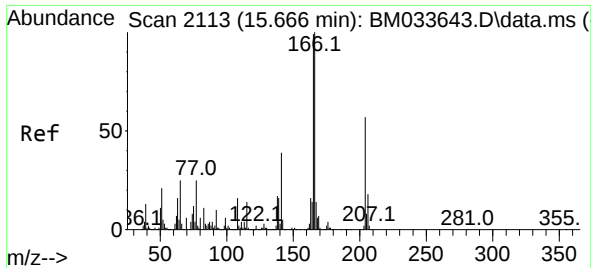
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 496884 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 52.6  | 41.4  | 62.0   |
| 130       | 2.9   | 2.4   | 3.6    |
| 166       | 34.1  | 26.3  | 39.5   |



#60  
Diethylphthalate  
Concen: 46.410 ng  
RT: 15.442 min Scan# 2075  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 2061788 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 21.2  | 17.5  | 26.3    |
| 150       | 13.2  | 10.3  | 15.5    |

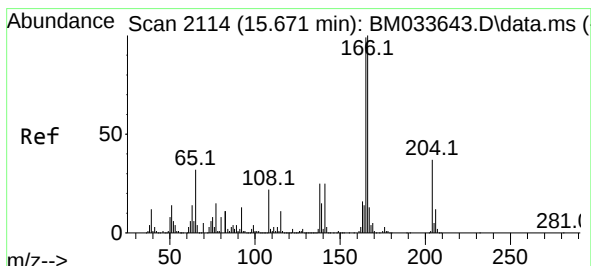
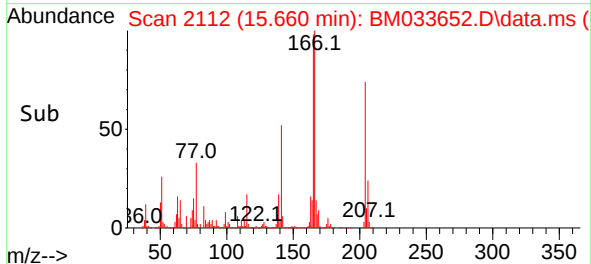
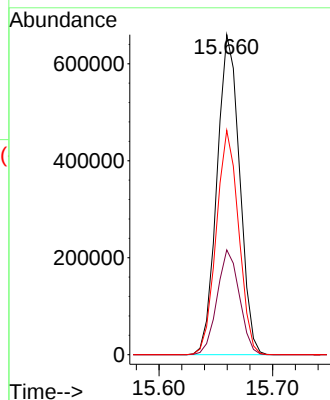
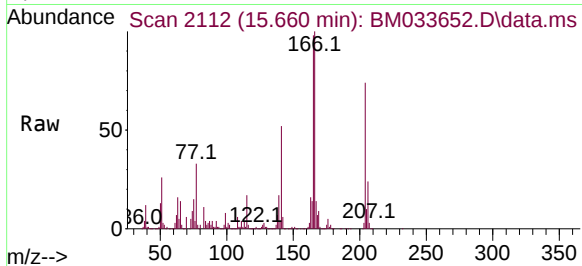




#61  
4-Chlorophenyl-phenylether  
Concen: 44.588 ng  
RT: 15.660 min Scan# 2110  
Delta R.T. -0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

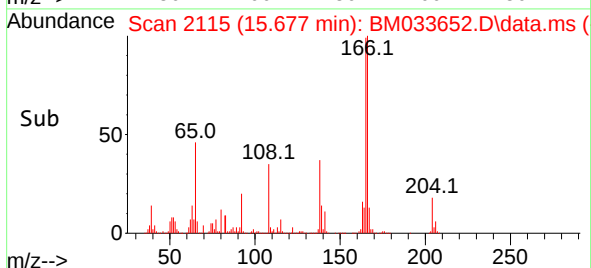
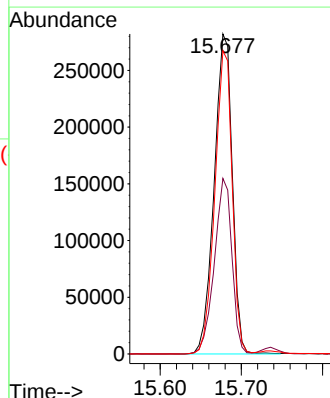
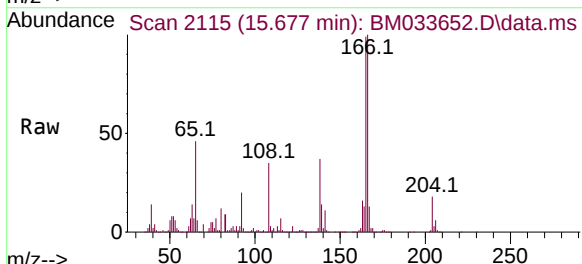
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

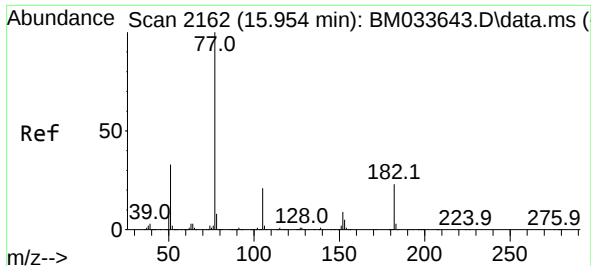
Tgt Ion:204 Resp: 913735  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.4 38.2  
141 70.1 50.6 76.0



#62  
4-Nitroaniline  
Concen: 50.426 ng  
RT: 15.677 min Scan# 2115  
Delta R.T. 0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:138 Resp: 437773  
Ion Ratio Lower Upper  
138 100  
92 54.8 38.7 78.7  
108 94.8 81.9 121.9



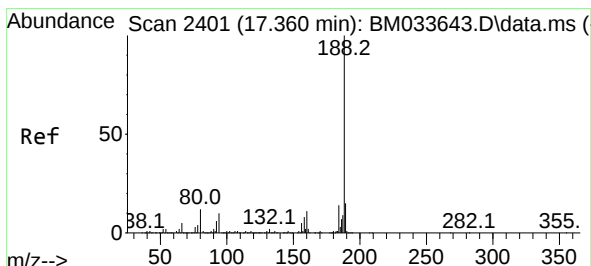
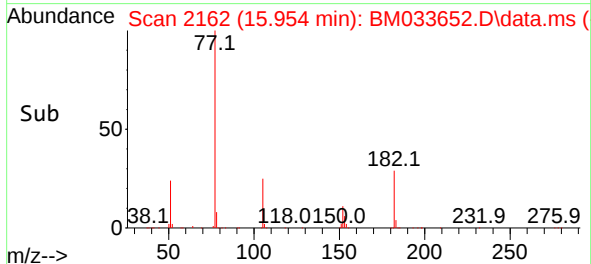
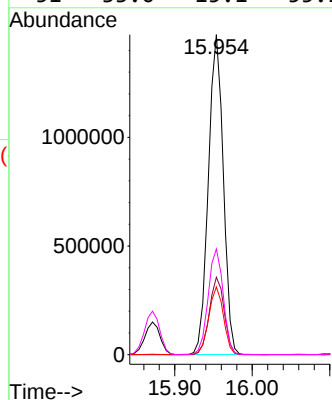
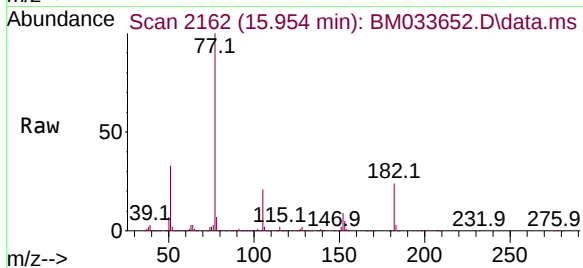


#63  
Azobenzene  
Concen: 44.776 ng  
RT: 15.954 min Scan# 2162  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

Tgt Ion: 77 Resp: 1966581

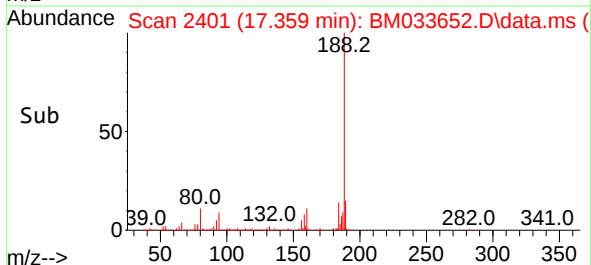
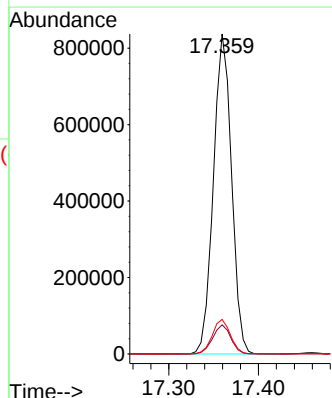
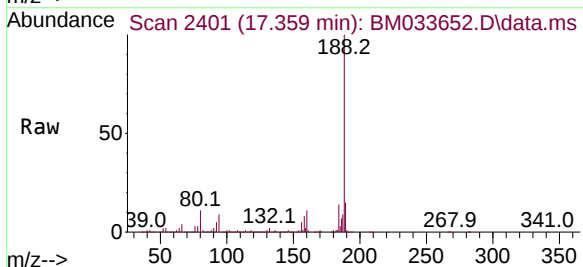
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 24.2  | 0.3   | 40.3  |
| 105 | 21.2  | 0.0   | 38.3  |
| 51  | 33.0  | 15.1  | 55.1  |

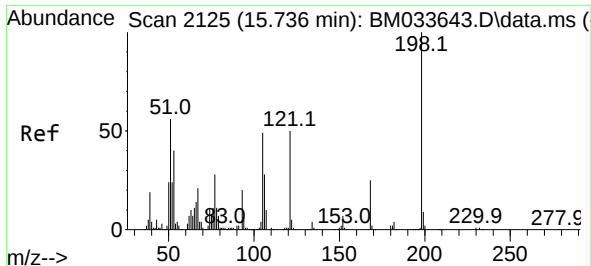


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.359 min Scan# 2401  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion: 188 Resp: 1173483

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.1   | 7.5   | 11.3  |
| 80  | 10.8  | 8.9   | 13.3  |

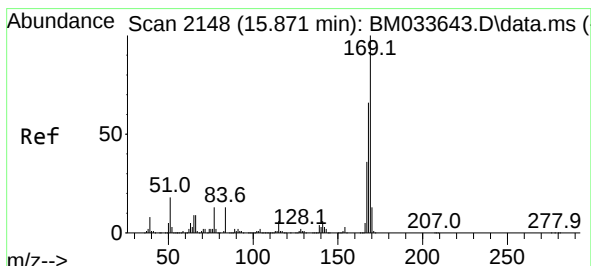
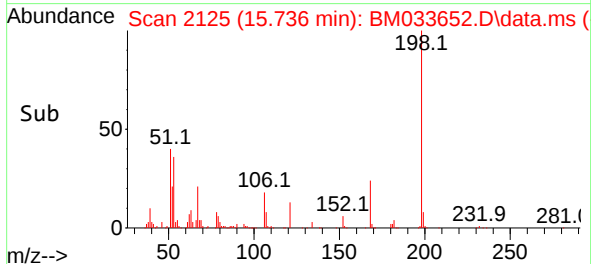
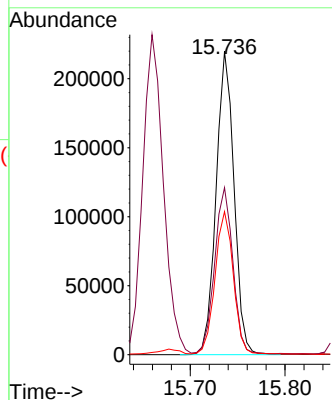
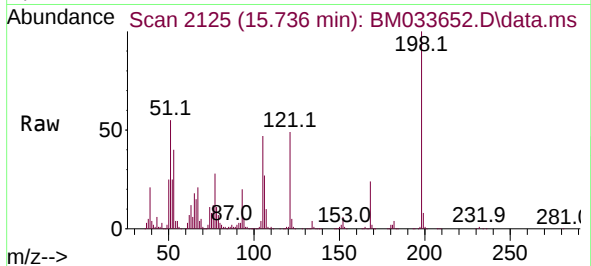




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.944 ng  
RT: 15.736 min Scan# 2125  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

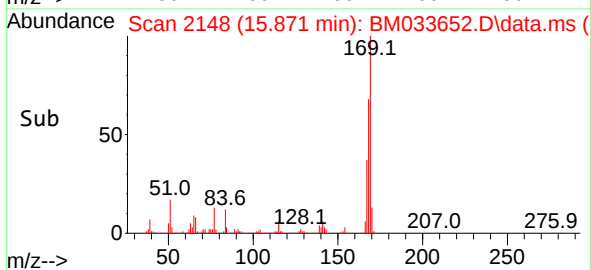
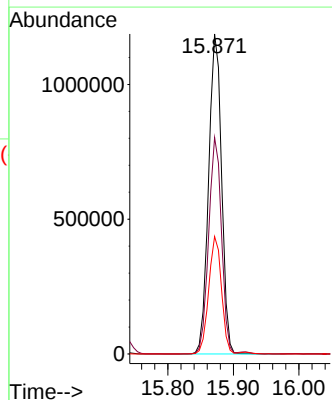
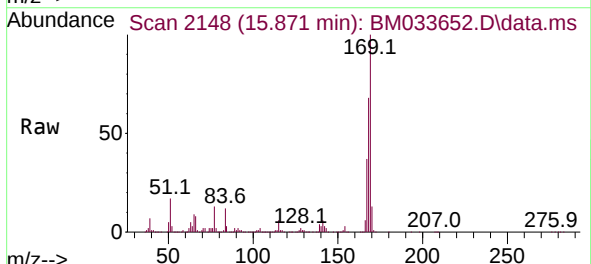
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

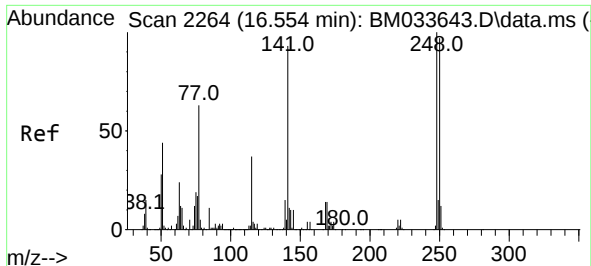
Tgt Ion:198 Resp: 289577  
Ion Ratio Lower Upper  
198 100  
51 55.1 47.9 87.9  
105 47.2 32.6 72.6



#66  
n-Nitrosodiphenylamine  
Concen: 41.183 ng  
RT: 15.871 min Scan# 2148  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:169 Resp: 1633214  
Ion Ratio Lower Upper  
169 100  
168 67.7 52.5 78.7  
167 36.7 28.4 42.6

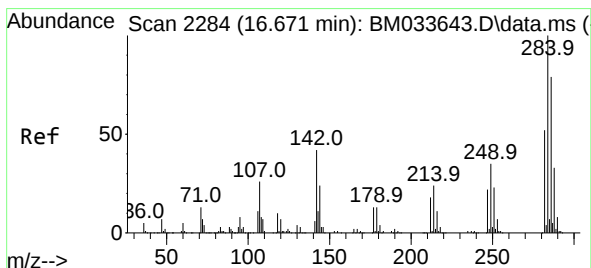
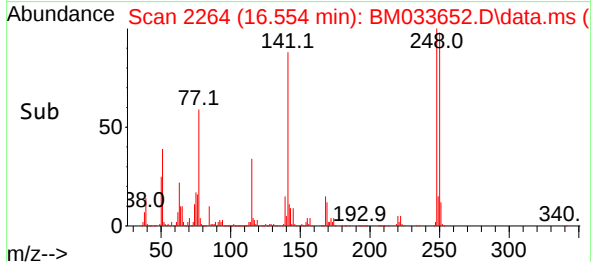
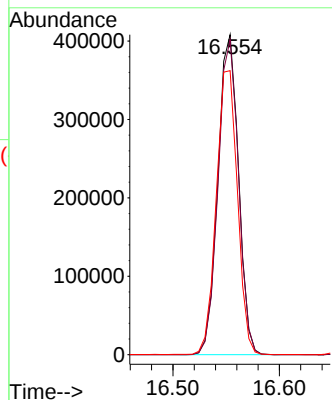
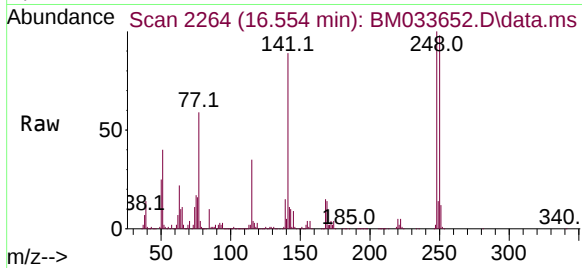




#67  
4-Bromophenyl-phenylether  
Concen: 42.160 ng  
RT: 16.554 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

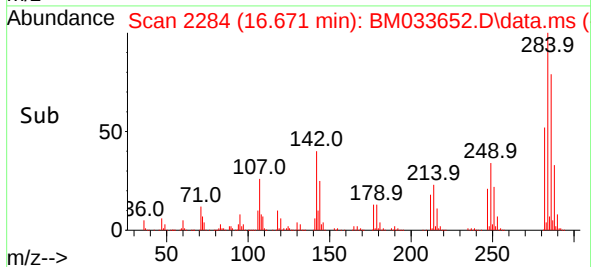
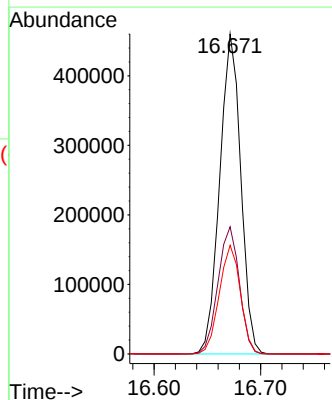
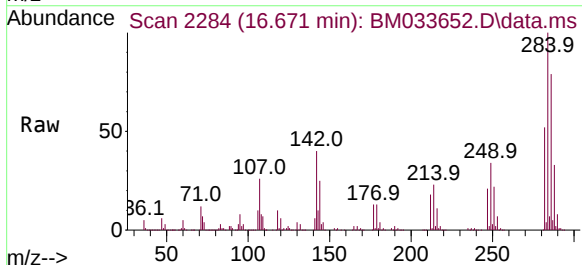
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

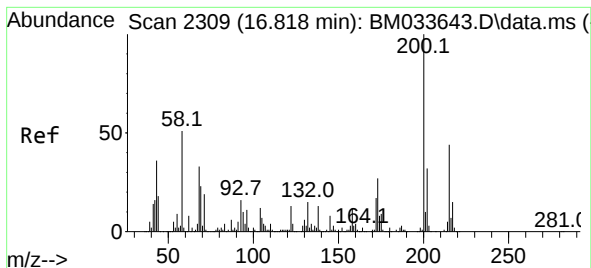
Tgt Ion:248 Resp: 547245  
Ion Ratio Lower Upper  
248 100  
250 98.4 78.2 117.2  
141 88.8 65.4 98.2



#68  
Hexachlorobenzene  
Concen: 42.658 ng  
RT: 16.671 min Scan# 2284  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:284 Resp: 630593  
Ion Ratio Lower Upper  
284 100  
142 39.8 33.1 49.7  
249 34.0 27.3 40.9





#69

Atrazine

Concen: 45.624 ng

RT: 16.824 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM033652.D

Acq: 05 Jan 2022 20:40

Instrument :

BNA\_M

ClientSampleId :

FM-E3-02-4.5MSD

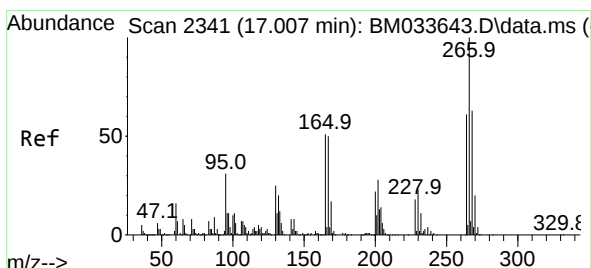
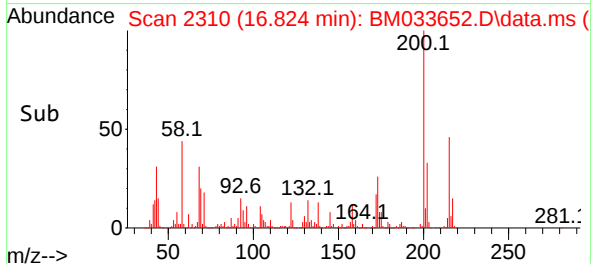
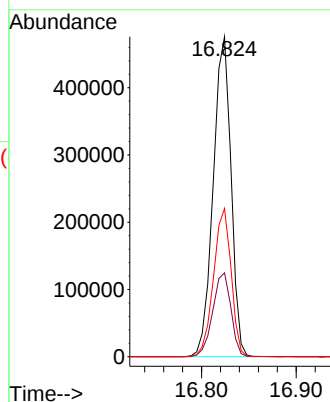
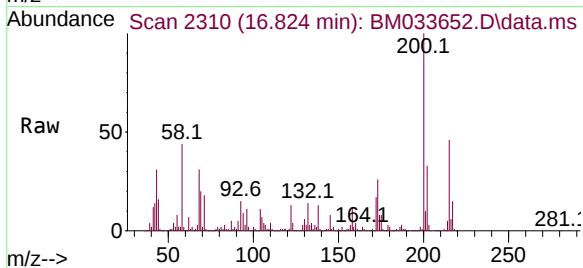
Tgt Ion:200 Resp: 620708

Ion Ratio Lower Upper

200 100

173 26.2 7.3 47.3

215 46.3 25.7 65.7



#70

Pentachlorophenol

Concen: 94.503 ng

RT: 17.012 min Scan# 2342

Delta R.T. 0.006 min

Lab File: BM033652.D

Acq: 05 Jan 2022 20:40

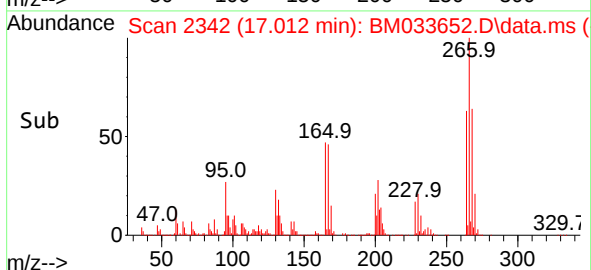
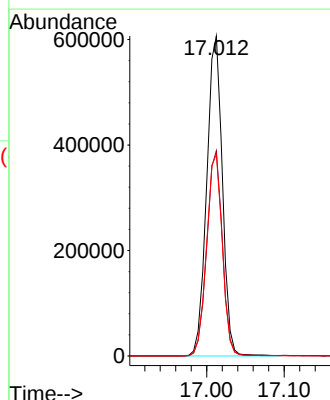
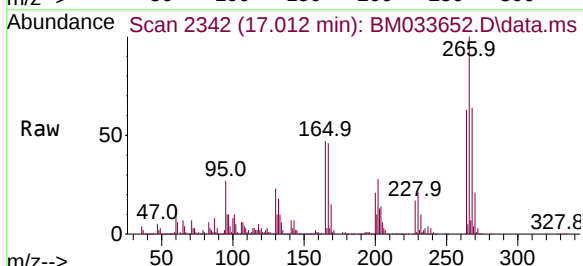
Tgt Ion:266 Resp: 849557

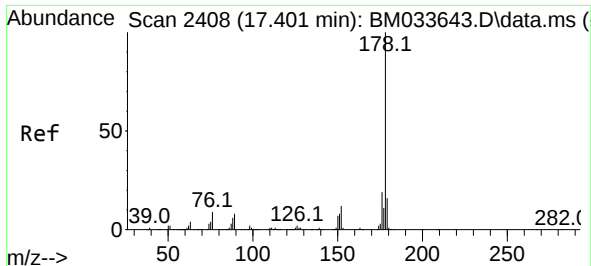
Ion Ratio Lower Upper

266 100

268 64.1 50.1 75.1

264 63.1 49.1 73.7

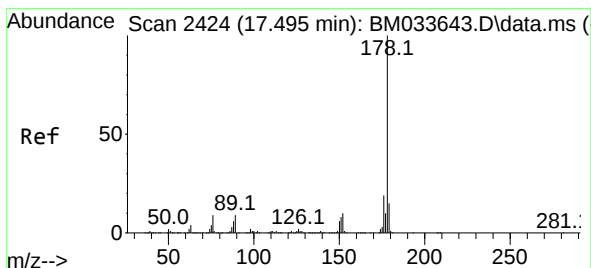
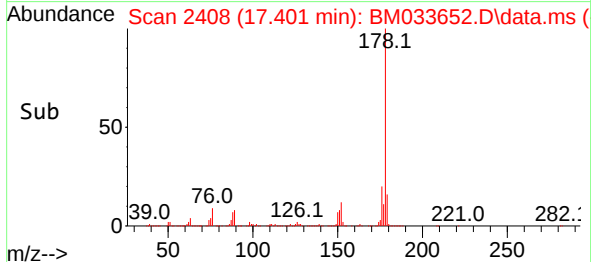
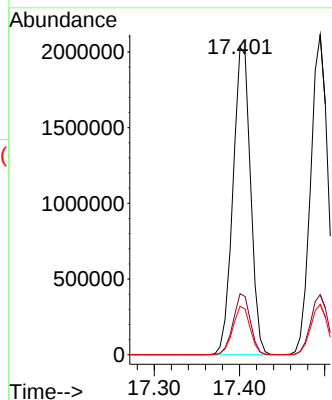
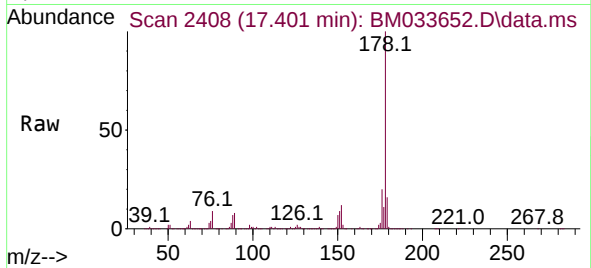




#71  
Phenanthrene  
Concen: 43.250 ng  
RT: 17.401 min Scan# 2408  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

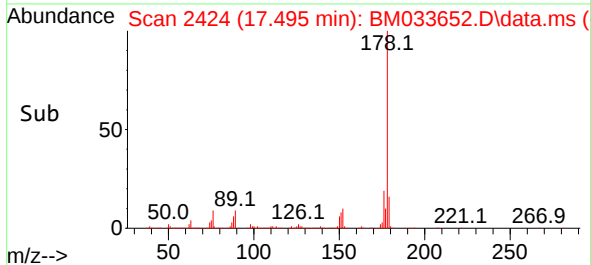
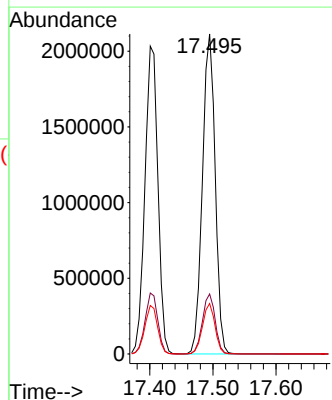
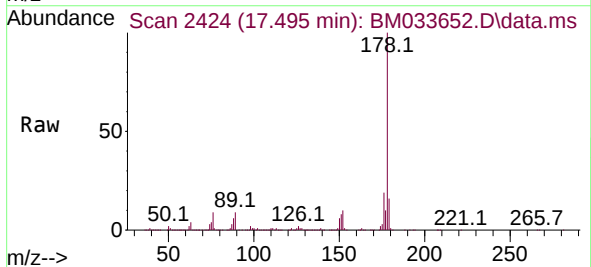
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

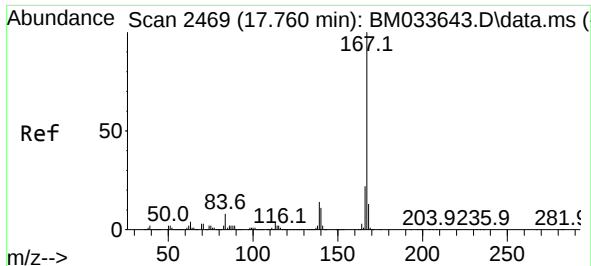
Tgt Ion:178 Resp: 2904202  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.1 22.7  
179 15.8 12.0 18.0



#72  
Anthracene  
Concen: 44.971 ng  
RT: 17.495 min Scan# 2424  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:178 Resp: 2962130  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.5 21.7  
179 15.8 11.9 17.9

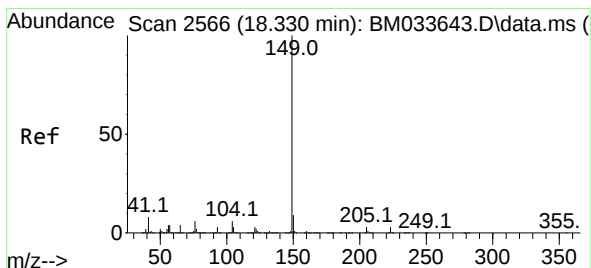
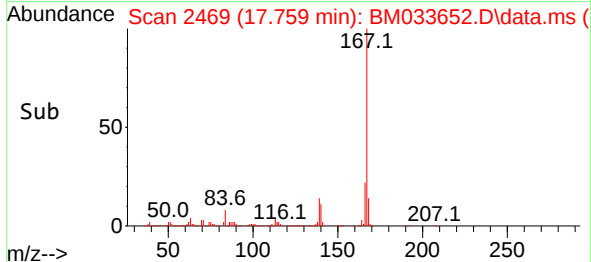
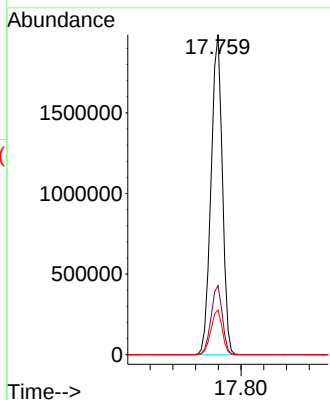
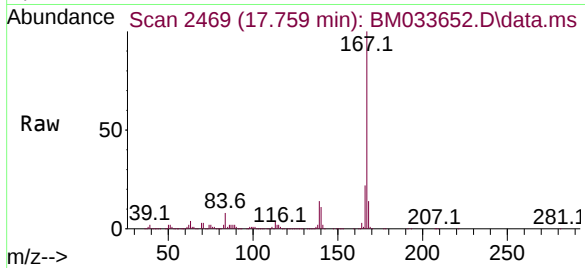




#73  
 Carbazole  
 Concen: 43.963 ng  
 RT: 17.759 min Scan# 2469  
 Delta R.T. -0.000 min  
 Lab File: BM033652.D  
 Acq: 05 Jan 2022 20:40

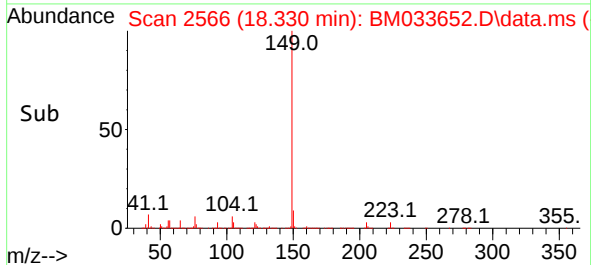
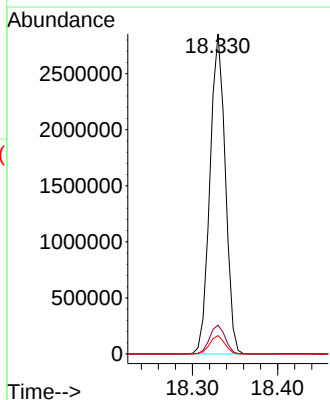
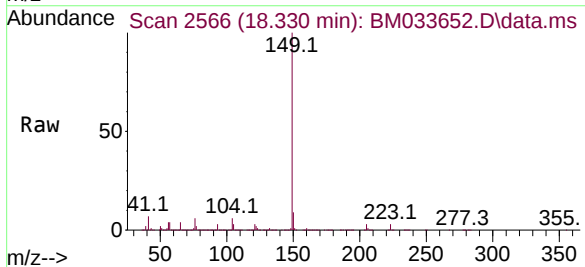
Instrument :  
 BNA\_M  
 ClientSampleId :  
 FM-E3-02-4.5MSD

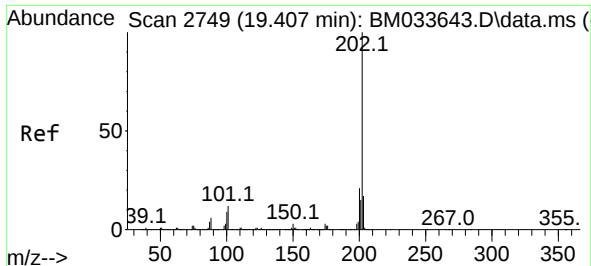
Tgt Ion:167 Resp: 2729929  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.2 25.8  
 139 14.0 11.0 16.4



#74  
 Di-n-butylphthalate  
 Concen: 44.489 ng  
 RT: 18.330 min Scan# 2566  
 Delta R.T. -0.000 min  
 Lab File: BM033652.D  
 Acq: 05 Jan 2022 20:40

Tgt Ion:149 Resp: 3566005  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.3 10.9  
 104 5.7 4.6 6.8

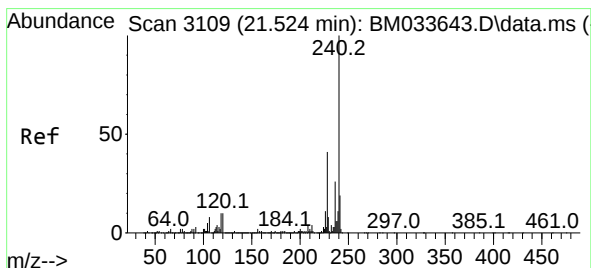
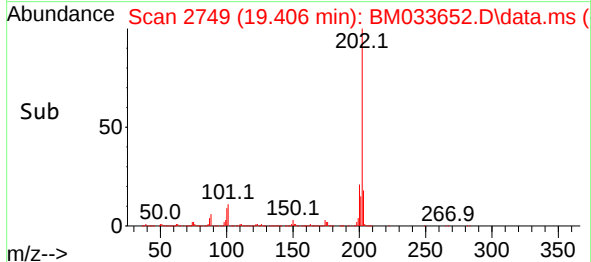
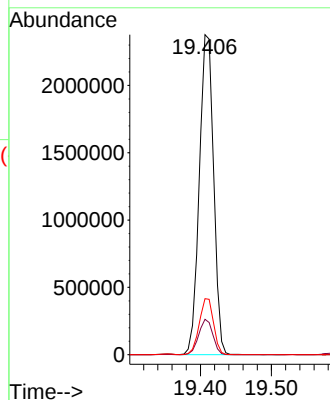
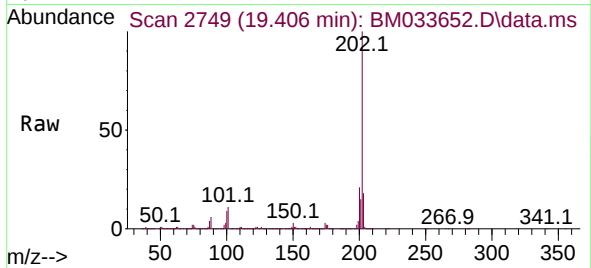




#75  
Fluoranthene  
Concen: 47.344 ng  
RT: 19.406 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

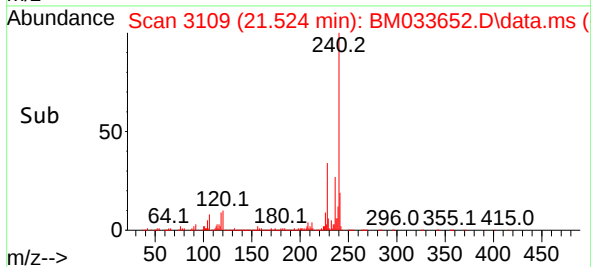
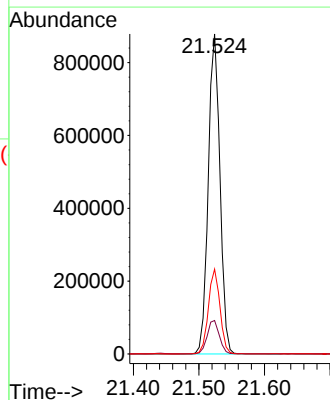
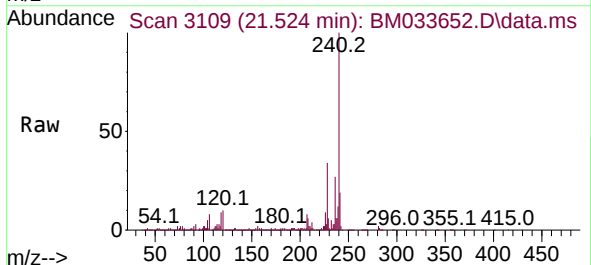
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

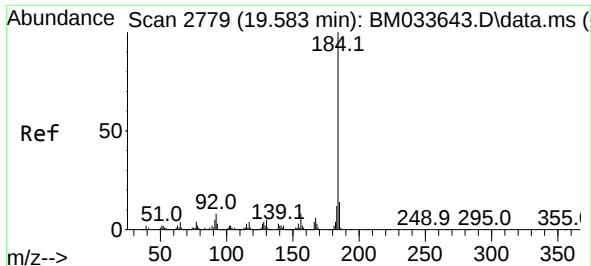
Tgt Ion:202 Resp: 3337448  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 30.8  
203 17.5 0.0 37.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.524 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:240 Resp: 1089932  
Ion Ratio Lower Upper  
240 100  
120 10.4 7.8 11.6  
236 26.5 20.3 30.5

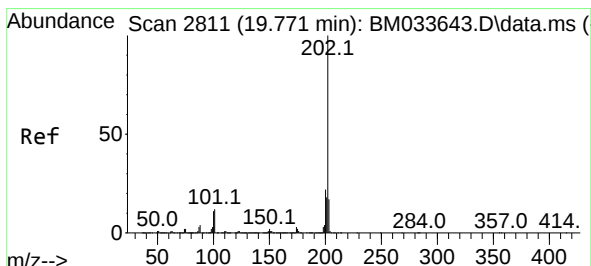
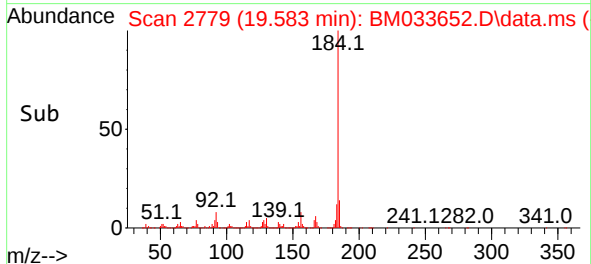
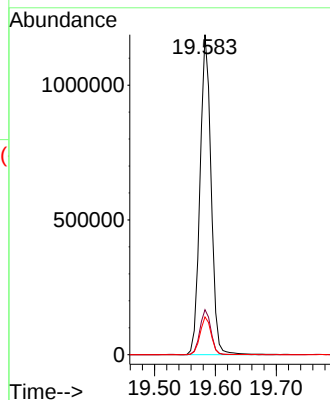
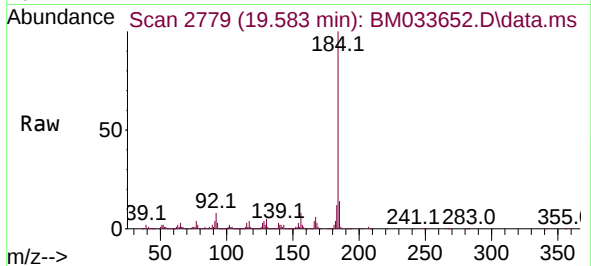




#77  
Benzidine  
Concen: 45.892 ng  
RT: 19.583 min Scan# 2779  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

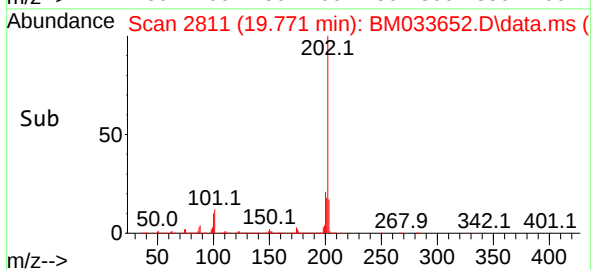
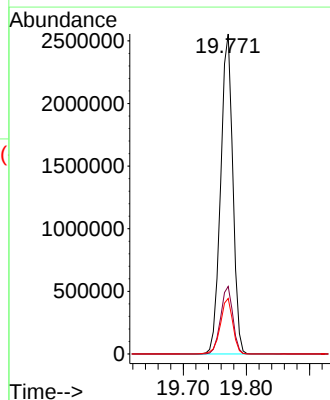
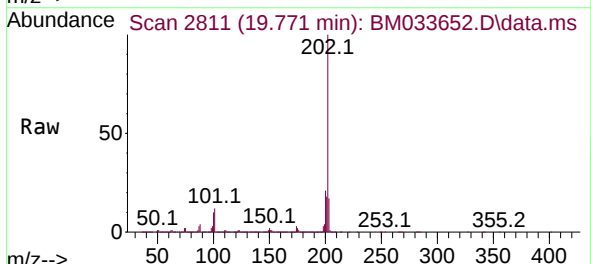
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

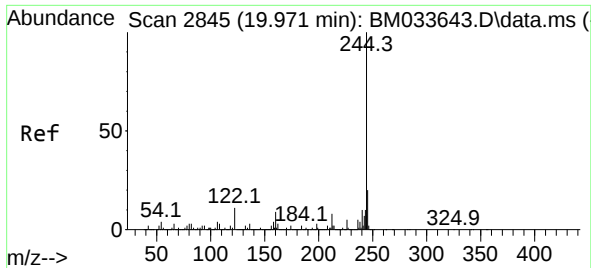
Tgt Ion:184 Resp: 1501232  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.4 17.0  
183 11.8 9.7 14.5



#78  
Pyrene  
Concen: 44.422 ng  
RT: 19.771 min Scan# 2811  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:202 Resp: 3408838  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.4 24.6  
203 17.4 13.5 20.3

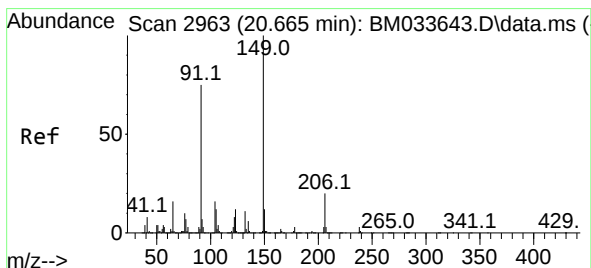
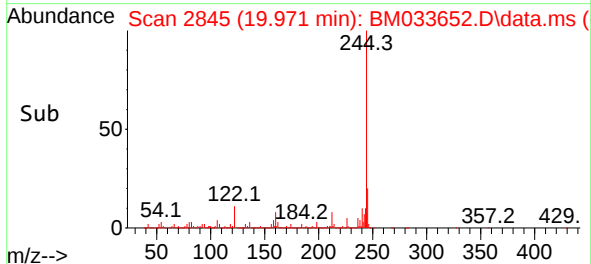
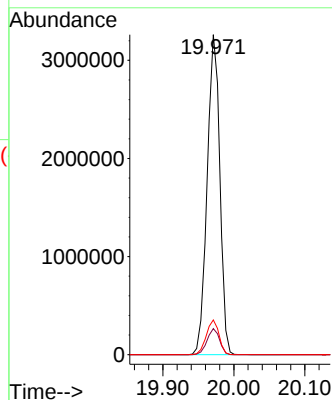
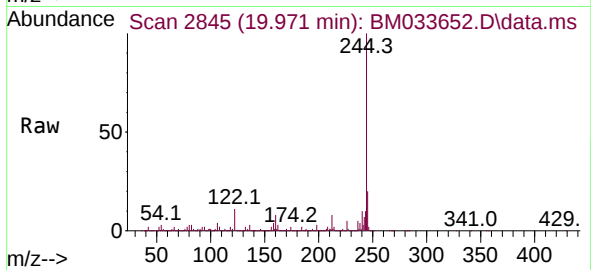




#79  
 Terphenyl-d14  
 Concen: 66.878 ng  
 RT: 19.971 min Scan# 2845  
 Delta R.T. -0.000 min  
 Lab File: BM033652.D  
 Acq: 05 Jan 2022 20:40

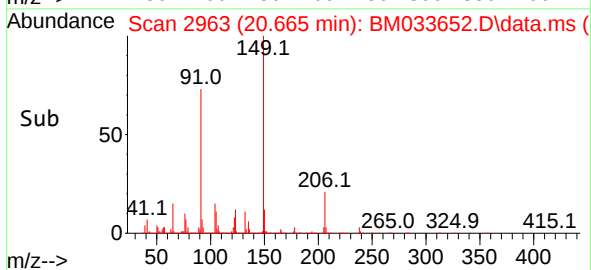
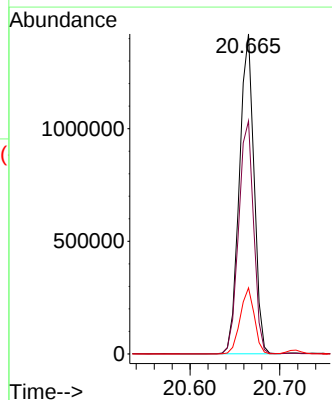
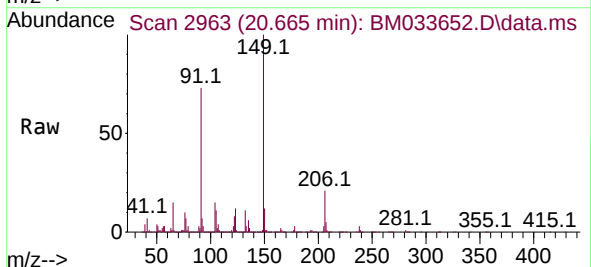
Instrument :  
 BNA\_M  
 ClientSampleId :  
 FM-E3-02-4.5MSD

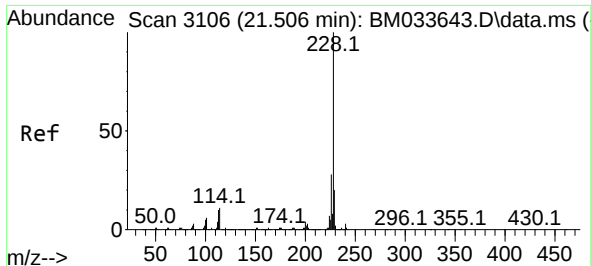
Tgt Ion:244 Resp: 4049570  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 5.9 8.9  
 122 10.8 8.4 12.6



#80  
 Butylbenzylphthalate  
 Concen: 46.856 ng  
 RT: 20.665 min Scan# 2963  
 Delta R.T. -0.000 min  
 Lab File: BM033652.D  
 Acq: 05 Jan 2022 20:40

Tgt Ion:149 Resp: 1605989  
 Ion Ratio Lower Upper  
 149 100  
 91 72.8 63.4 95.0  
 206 20.7 16.8 25.2

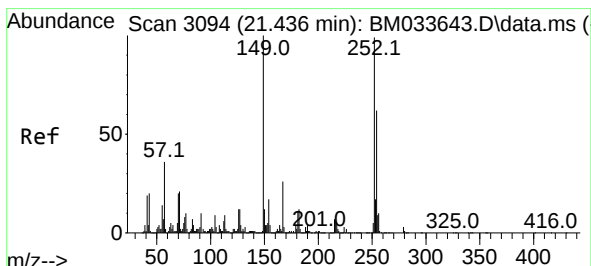
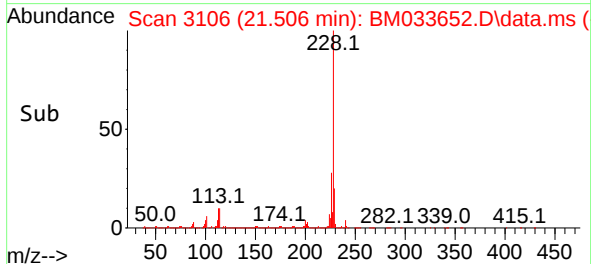
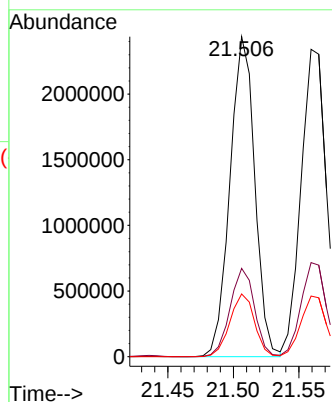
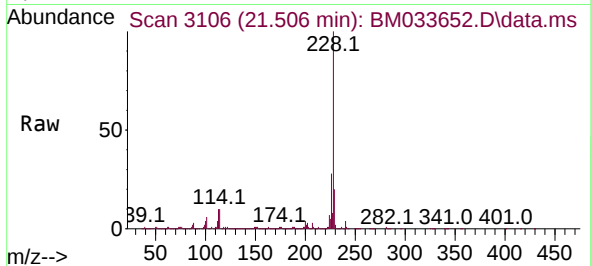




#81  
Benzo(a)anthracene  
Concen: 43.392 ng  
RT: 21.506 min Scan# 3106  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

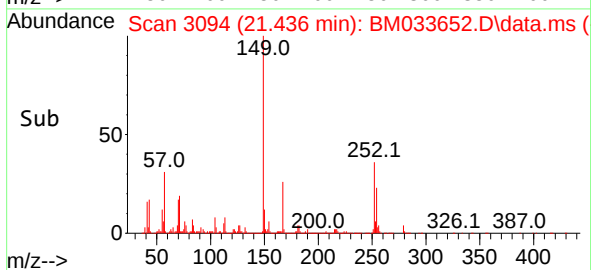
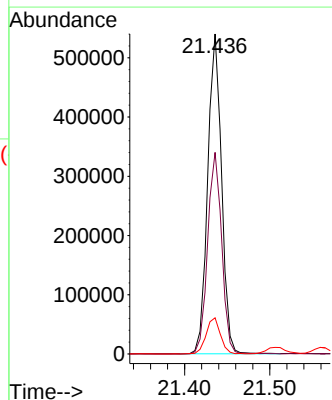
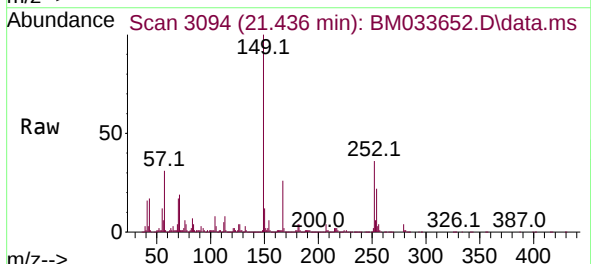
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

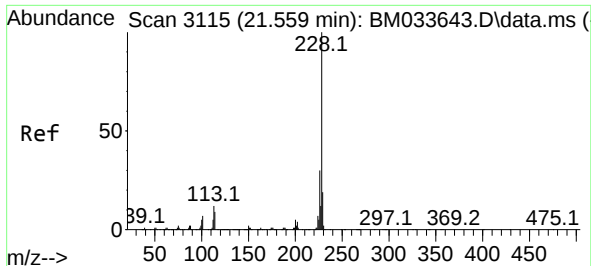
Tgt Ion:228 Resp: 3207034  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.0 31.6  
229 19.6 15.5 23.3



#82  
3,3'-Dichlorobenzidine  
Concen: 23.227 ng  
RT: 21.436 min Scan# 3094  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:252 Resp: 608976  
Ion Ratio Lower Upper  
252 100  
254 63.0 50.9 76.3  
126 11.3 8.8 13.2

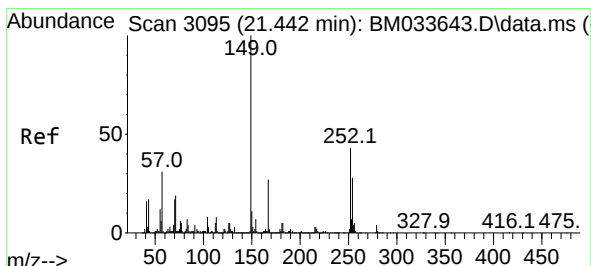
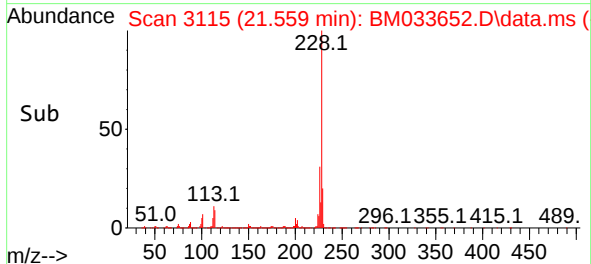
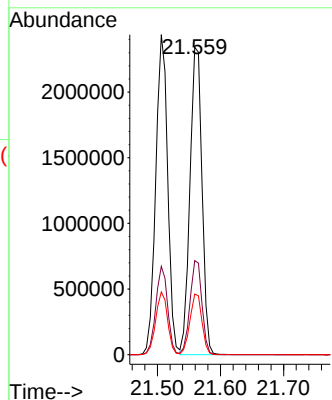
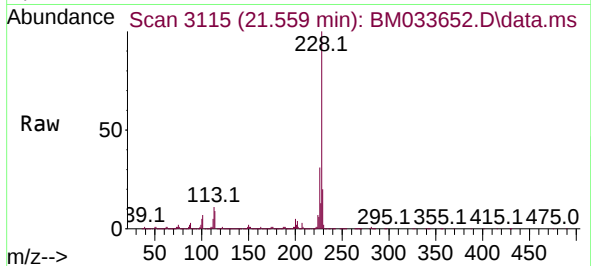




#83  
Chrysene  
Concen: 44.081 ng  
RT: 21.559 min Scan# 3115  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

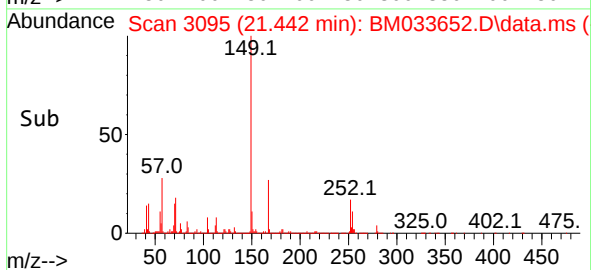
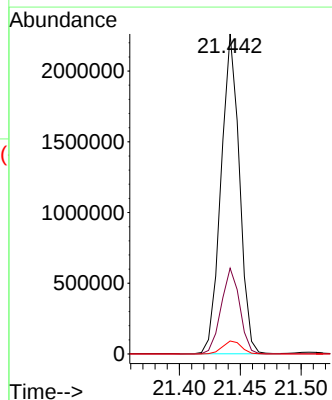
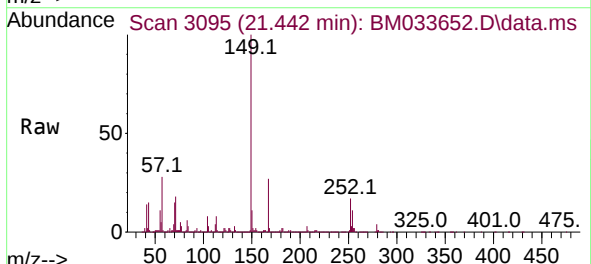
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

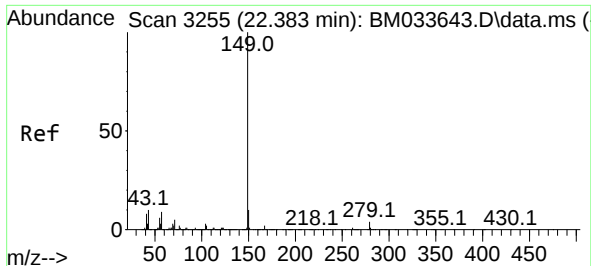
Tgt Ion:228 Resp: 3117749  
Ion Ratio Lower Upper  
228 100  
226 30.6 23.8 35.8  
229 19.7 15.8 23.8



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.513 ng  
RT: 21.442 min Scan# 3095  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:149 Resp: 2376269  
Ion Ratio Lower Upper  
149 100  
167 26.8 21.4 32.0  
279 4.0 3.0 4.6

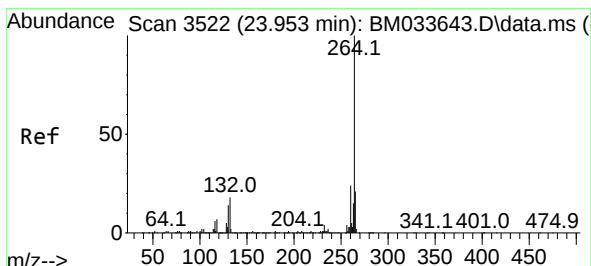
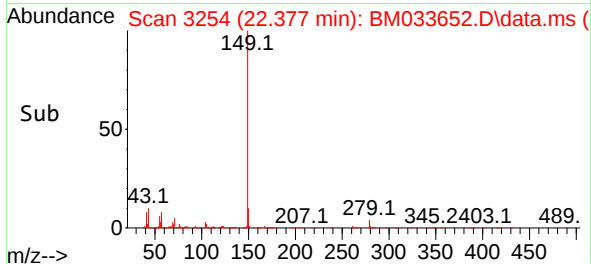
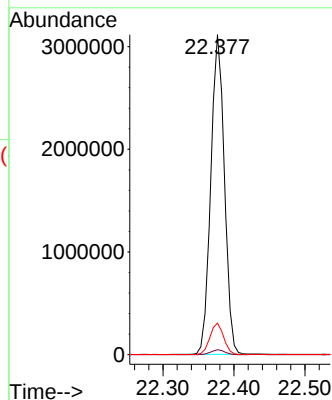
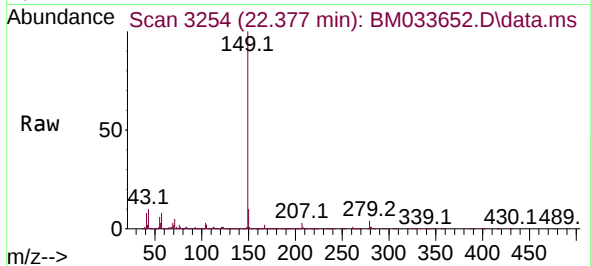




#85  
Di-n-octyl phthalate  
Concen: 48.860 ng  
RT: 22.377 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

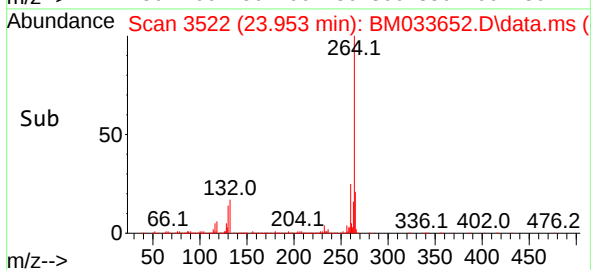
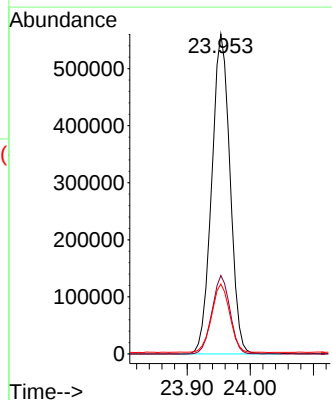
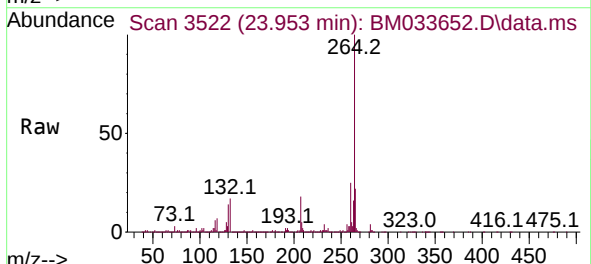
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

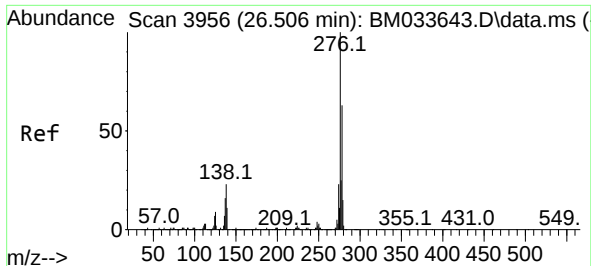
Tgt Ion:149 Resp: 4148443  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.8 10.4 15.6#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.953 min Scan# 3522  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:264 Resp: 1127151  
Ion Ratio Lower Upper  
264 100  
260 24.5 17.7 26.5  
265 21.9 17.7 26.5

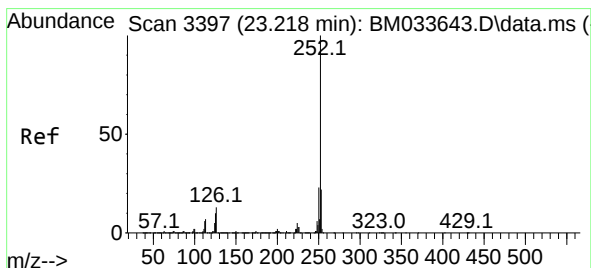
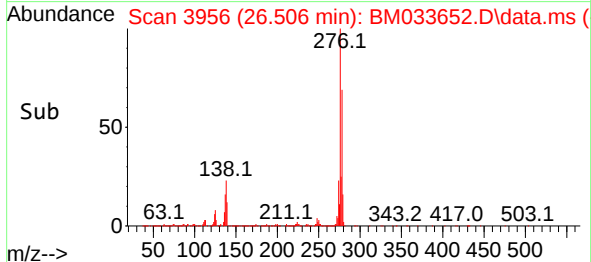
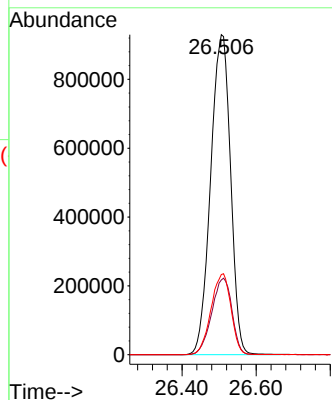
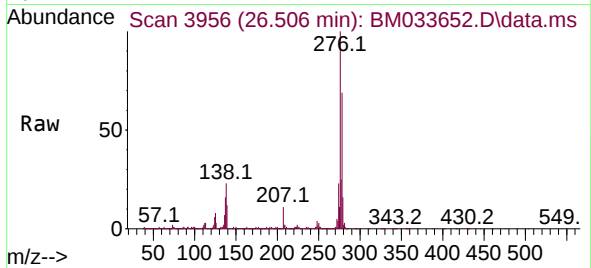




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.696 ng  
RT: 26.506 min Scan# 3956  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

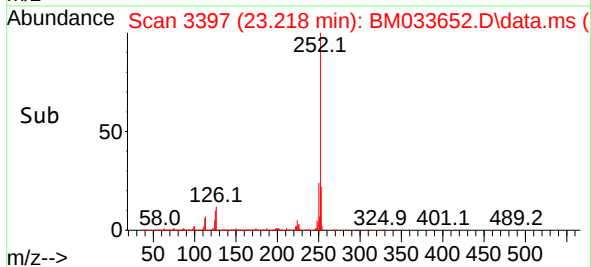
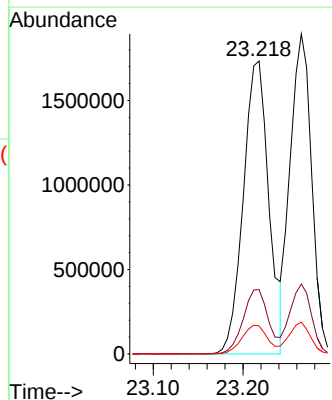
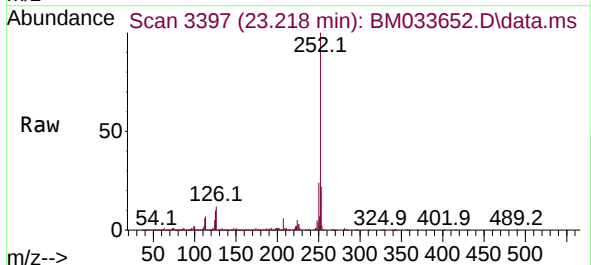
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

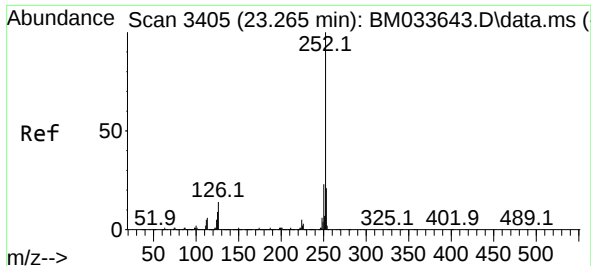
Tgt Ion:276 Resp: 3465720  
Ion Ratio Lower Upper  
276 100  
138 24.3 18.7 28.1  
277 25.4 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 47.780 ng  
RT: 23.218 min Scan# 3397  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:252 Resp: 3433620  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.1 25.7  
125 9.5 7.4 11.2

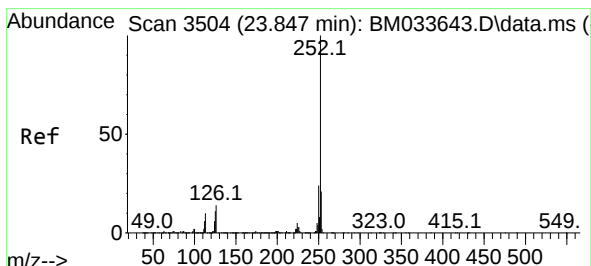
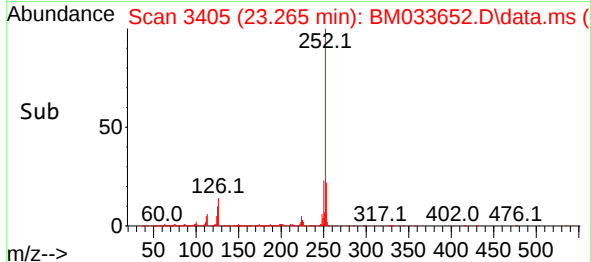
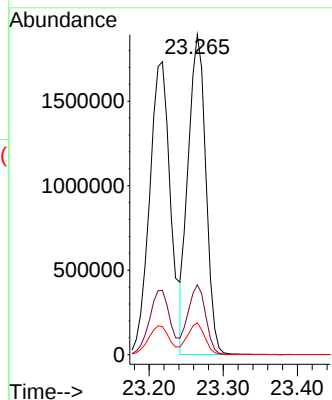
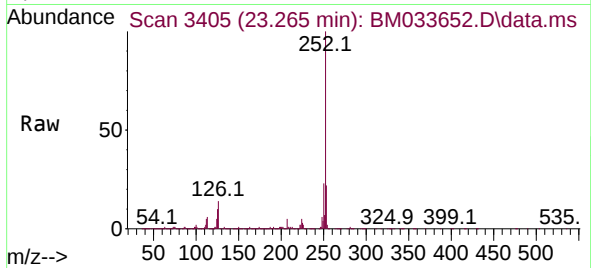




#89  
Benzo(k)fluoranthene  
Concen: 44.981 ng  
RT: 23.265 min Scan# 3405  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

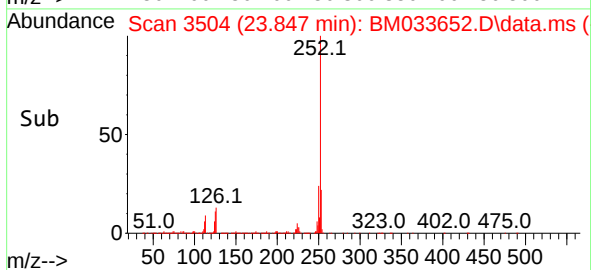
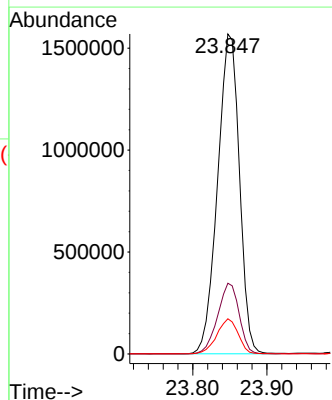
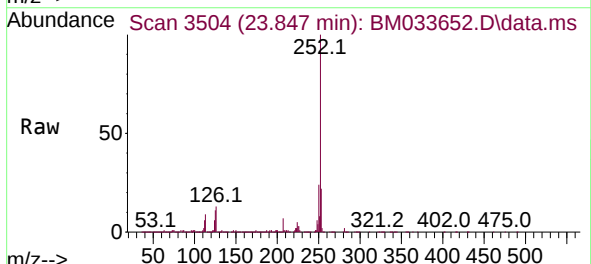
Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

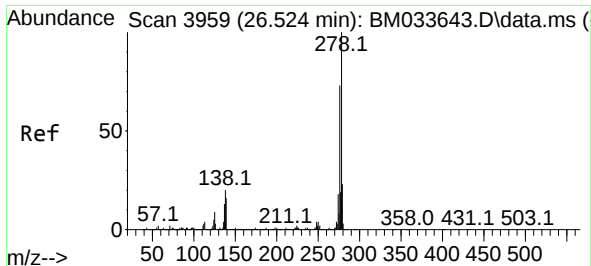
Tgt Ion:252 Resp: 3132844  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 9.9 8.1 12.1



#90  
Benzo(a)pyrene  
Concen: 53.735 ng  
RT: 23.847 min Scan# 3504  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:252 Resp: 3204870  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 11.0 7.8 11.8

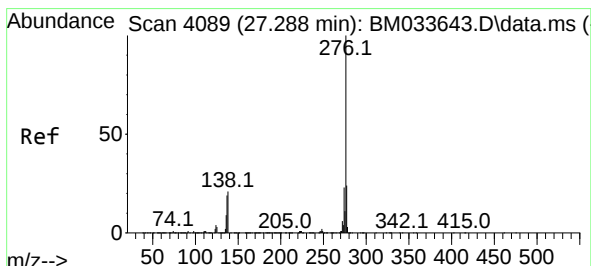
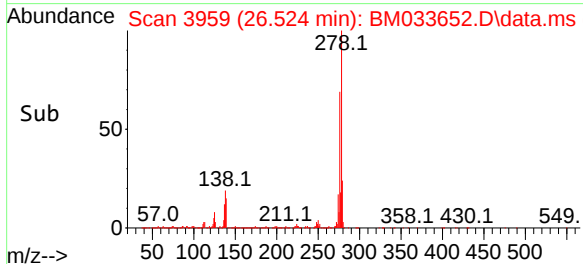
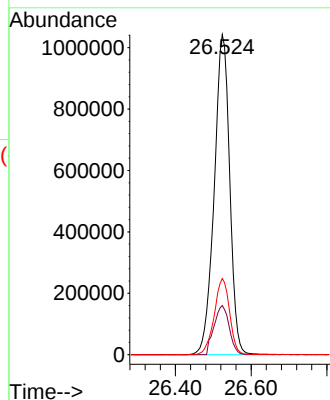
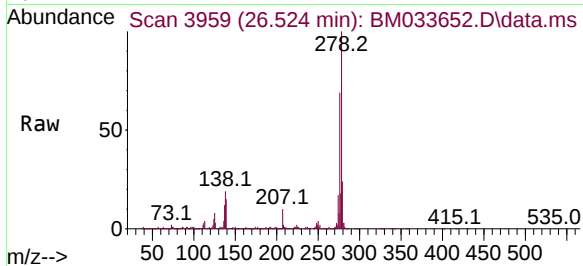




#91  
Dibenzo(a,h)anthracene  
Concen: 42.845 ng  
RT: 26.524 min Scan# 3959  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Instrument :  
BNA\_M  
ClientSampleId :  
FM-E3-02-4.5MSD

Tgt Ion:278 Resp: 2957998  
Ion Ratio Lower Upper  
278 100  
139 15.4 10.9 16.3  
279 23.8 17.7 26.5



#92  
Benzo(g,h,i)perylene  
Concen: 41.454 ng  
RT: 27.288 min Scan# 4089  
Delta R.T. -0.000 min  
Lab File: BM033652.D  
Acq: 05 Jan 2022 20:40

Tgt Ion:276 Resp: 2813760  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.1 28.7  
138 21.0 14.8 22.2

