

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071822\  
 Data File : BM035854.D  
 Acq On : 18 Jul 2022 14:30  
 Operator : CG/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Jul 18 15:14:49 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM071822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 18 15:11:09 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.898  | 152  | 302437   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.710 | 136  | 1177218  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.533 | 164  | 632761   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.274 | 188  | 1177891  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.450 | 240  | 1064816  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.827 | 264  | 1063048  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 1605827  | 86.243 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.063  | 99   | 2005786  | 86.121 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.069  | 82   | 1831693  | 88.950 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.021 | 330  | 583305   | 90.776 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.168 | 172  | 3786179  | 83.448 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.897 | 244  | 4604319  | 83.938 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.322  | 88   | 326472   | 41.568 | ng    | # 93     |
| 3) Pyridine                   | 3.728  | 79   | 882444   | 43.291 | ng    | 88       |
| 4) n-Nitrosodimethylamine     | 3.640  | 42   | 368956   | 41.123 | ng    | # 67     |
| 6) Aniline                    | 7.228  | 93   | 1112841  | 42.758 | ng    | 96       |
| 8) 2-Chlorophenol             | 7.463  | 128  | 827693   | 42.694 | ng    | 96       |
| 9) Benzaldehyde               | 7.039  | 77   | 500399   | 39.364 | ng    | 93       |
| 10) Phenol                    | 7.092  | 94   | 1009271  | 43.035 | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.328  | 93   | 807799   | 41.778 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.786  | 146  | 921742   | 41.473 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.933  | 146  | 934238   | 41.270 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.251  | 146  | 898950   | 41.151 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.145  | 79   | 660910   | 44.127 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.439  | 45   | 1062450  | 42.567 | ng    | 97       |
| 17) 2-Methylphenol            | 8.345  | 107  | 654405   | 43.283 | ng    | 96       |
| 18) Hexachloroethane          | 8.980  | 117  | 338234   | 42.461 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.716  | 70   | 583554   | 43.630 | ng    | 88       |
| 20) 3+4-Methylphenols         | 8.675  | 107  | 880912   | 43.532 | ng    | 96       |
| 22) Acetophenone              | 8.728  | 105  | 1204034  | 42.368 | ng    | # 92     |
| 24) Nitrobenzene              | 9.110  | 77   | 857887   | 44.212 | ng    | 97       |
| 25) Isophorone                | 9.633  | 82   | 1420542  | 43.554 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.822  | 139  | 389468   | 54.662 | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 9.880  | 122  | 607614   | 43.420 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.122 | 93   | 988563   | 42.989 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.351 | 162  | 680777   | 44.436 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.569 | 180  | 773715   | 40.866 | ng    | 98       |
| 31) Naphthalene               | 10.757 | 128  | 2470418  | 41.552 | ng    | 99       |
| 32) Benzoic acid              | 10.010 | 122  | 465156   | 56.692 | ng    | 93       |
| 33) 4-Chloroaniline           | 10.869 | 127  | 992907   | 42.240 | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.039 | 225  | 445676   | 40.815 | ng    | 96       |
| 35) Caprolactam               | 11.651 | 113  | 201902   | 47.157 | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 11.992 | 107  | 685933   | 44.276 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.368 | 142  | 1603332  | 41.001 | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.586 | 142  | 1556089  | 40.850 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.727 | 216  | 762151   | 41.607 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.710 | 237  | 416757   | 43.622 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.974 | 196  | 508700   | 47.664 | ng    | 98       |

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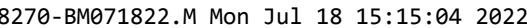
Instrument :  
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 ClientSampleId :  
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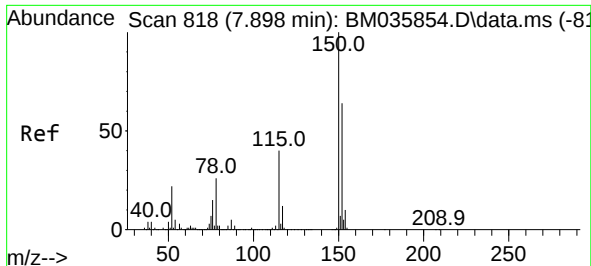
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.039 | 196  | 530512   | 46.339 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.374 | 154  | 2016386  | 41.957 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.415 | 162  | 1545447  | 42.003 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.621 | 65   | 429859   | 51.072 | ng    | 93       |
| 49) Acenaphthylene            | 14.257 | 152  | 2385449  | 42.892 | ng    | 100      |
| 50) Dimethylphthalate         | 14.004 | 163  | 1710984  | 41.954 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.115 | 165  | 367578   | 45.617 | ng    | 94       |
| 52) Acenaphthene              | 14.598 | 154  | 1419486  | 41.819 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.445 | 138  | 439167   | 46.203 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.645 | 184  | 170677   | 55.666 | ng    | 90       |
| 55) Dibenzofuran              | 14.933 | 168  | 2259044  | 41.155 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.745 | 139  | 341708   | 46.264 | ng    | 86       |
| 57) 2,4-Dinitrotoluene        | 14.898 | 165  | 477113   | 46.754 | ng    | 99       |
| 58) Fluorene                  | 15.580 | 166  | 1770845  | 40.662 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 418063   | 44.293 | ng    | 98       |
| 60) Diethylphthalate          | 15.362 | 149  | 1684566  | 41.984 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.580 | 204  | 862073   | 39.870 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.604 | 138  | 453532   | 46.278 | ng    | 90       |
| 63) Azobenzene                | 15.868 | 77   | 1762759  | 42.392 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.657 | 198  | 246358   | 55.561 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.792 | 169  | 1451997  | 43.109 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.468 | 248  | 496075   | 42.526 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.574 | 284  | 574864   | 41.725 | ng    | 94       |
| 69) Atrazine                  | 16.739 | 200  | 401616   | 46.147 | ng    | 98       |
| 70) Pentachlorophenol         | 16.921 | 266  | 324335   | 45.567 | ng    | 99       |
| 71) Phenanthrene              | 17.315 | 178  | 2570259  | 41.538 | ng    | 99       |
| 72) Anthracene                | 17.409 | 178  | 2523036  | 42.384 | ng    | 99       |
| 73) Carbazole                 | 17.680 | 167  | 2548064  | 42.547 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.250 | 149  | 2565116  | 44.024 | ng    | 99       |
| 75) Fluoranthene              | 19.327 | 202  | 2769539  | 40.022 | ng    | 98       |
| 77) Benzidine                 | 19.515 | 184  | 792674   | 53.174 | ng    | 100      |
| 78) Pyrene                    | 19.686 | 202  | 2890567  | 43.227 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.597 | 149  | 1016706  | 49.944 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.433 | 228  | 2796755  | 41.869 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.368 | 252  | 649687   | 47.975 | ng    | 100      |
| 83) Chrysene                  | 21.486 | 228  | 2656463  | 41.191 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.374 | 149  | 1443007  | 45.588 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.297 | 149  | 2281594  | 43.782 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.303 | 276  | 3232785  | 41.760 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.103 | 252  | 2661692  | 41.455 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.150 | 252  | 2679063  | 39.893 | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.721 | 252  | 2241951  | 41.733 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.326 | 278  | 2703050  | 42.092 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.068 | 276  | 2650635  | 41.833 | ng    | 99       |

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

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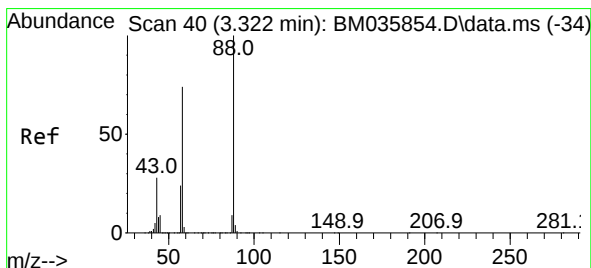
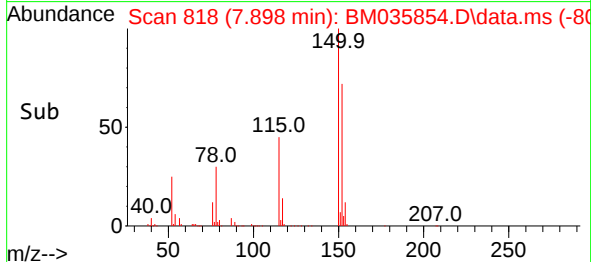
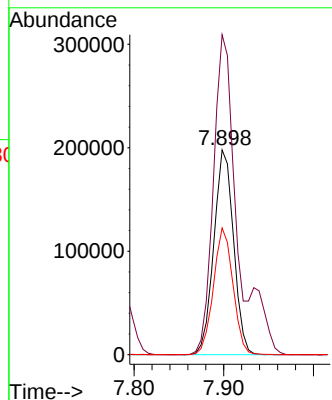
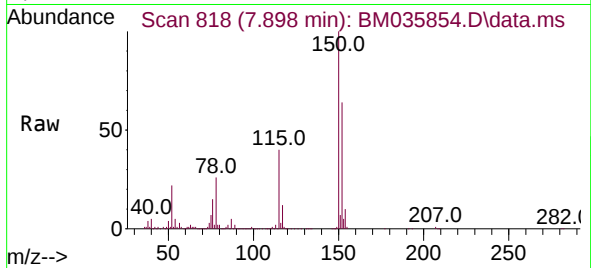




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.898 min Scan# 818  
 Delta R.T. 0.000 min  
 Lab File: BM035854.D  
 Acq: 18 Jul 2022 14:30

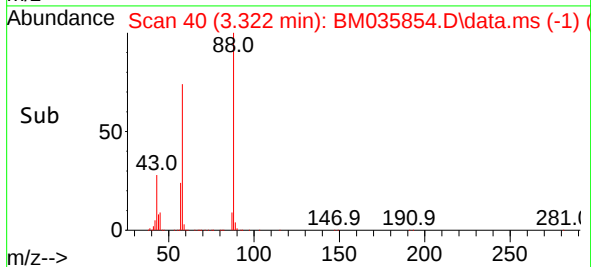
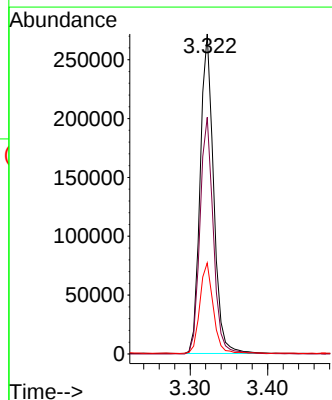
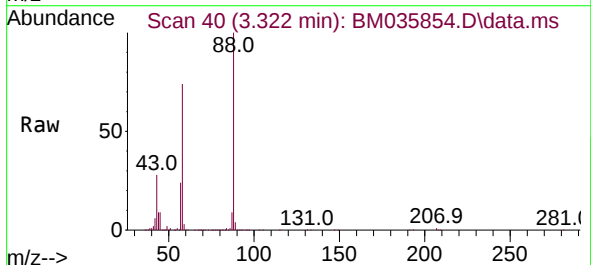
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

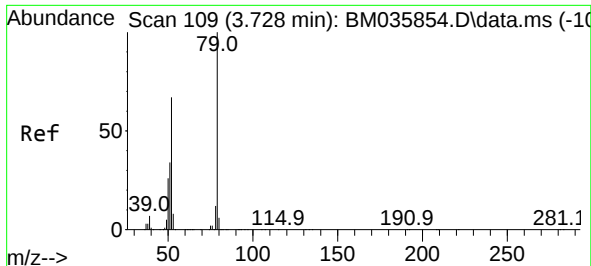
Tgt Ion:152 Resp: 302437  
 Ion Ratio Lower Upper  
 152 100  
 150 156.2 124.9 187.3  
 115 61.9 47.9 71.9



#2  
 1,4-Dioxane  
 Concen: 41.568 ng  
 RT: 3.322 min Scan# 40  
 Delta R.T. 0.000 min  
 Lab File: BM035854.D  
 Acq: 18 Jul 2022 14:30

Tgt Ion: 88 Resp: 326472  
 Ion Ratio Lower Upper  
 88 100  
 58 73.8 62.3 93.5  
 43 28.5 28.7 43.1#

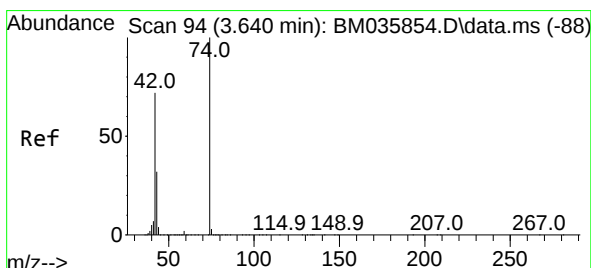
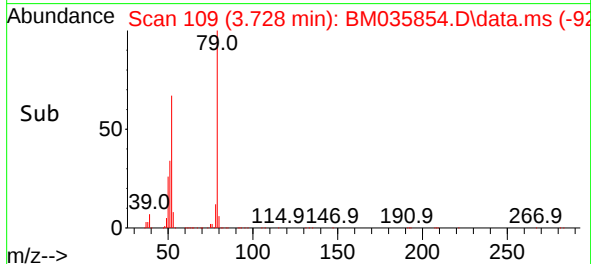
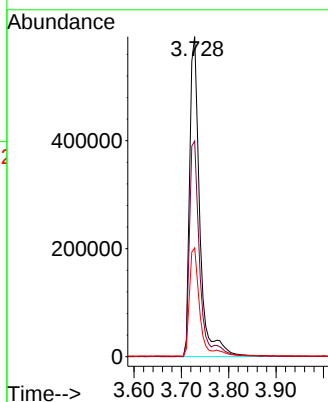
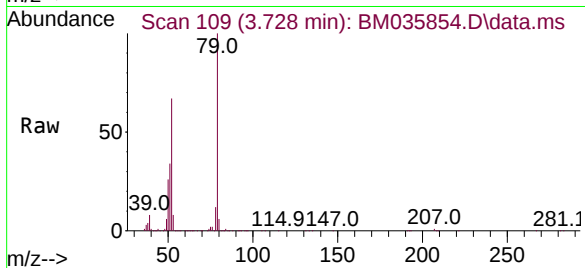




#3  
Pyridine  
Concen: 43.291 ng  
RT: 3.728 min Scan# 109  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

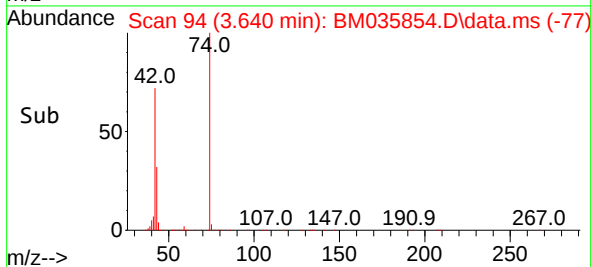
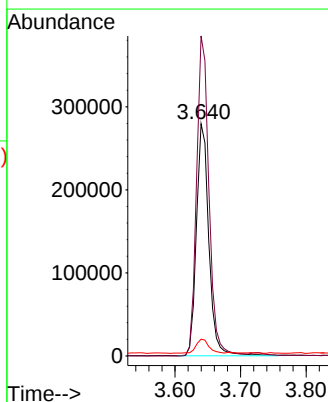
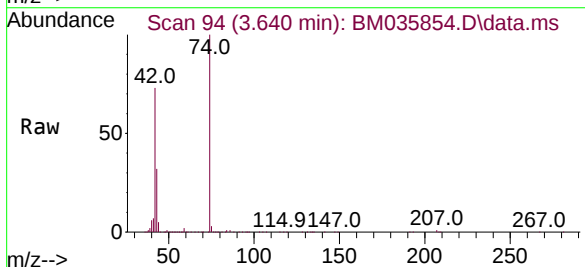
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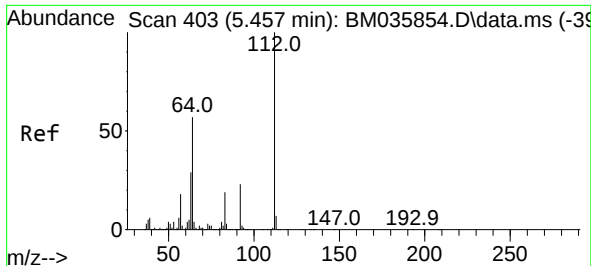
Tgt Ion: 79 Resp: 882444  
Ion Ratio Lower Upper  
79 100  
52 67.4 61.9 92.9  
51 34.0 33.5 50.3



#4  
n-Nitrosodimethylamine  
Concen: 41.123 ng  
RT: 3.640 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion: 42 Resp: 368956  
Ion Ratio Lower Upper  
42 100  
74 137.9 81.6 122.4  
44 7.3 5.2 7.8

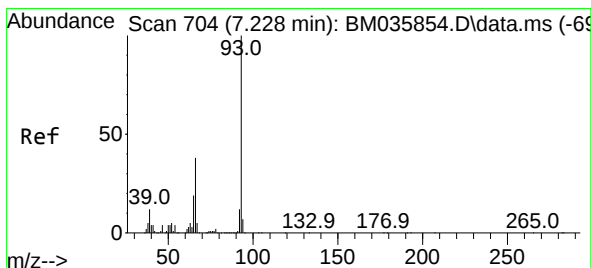
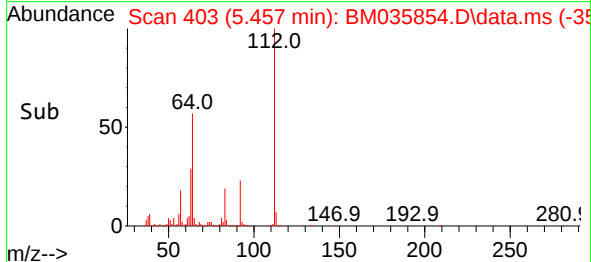
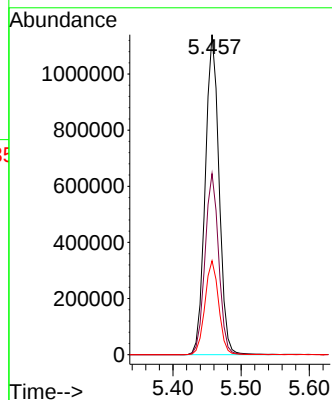
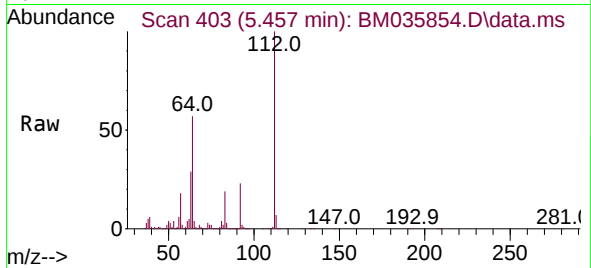




#5  
2-Fluorophenol  
Concen: 86.243 ng  
RT: 5.457 min Scan# 403  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

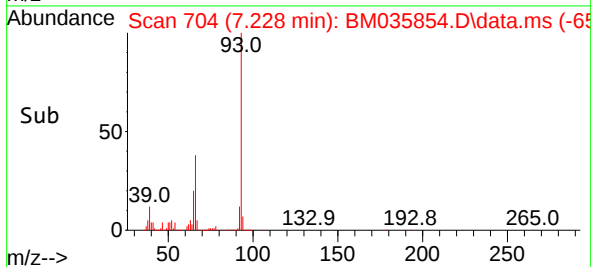
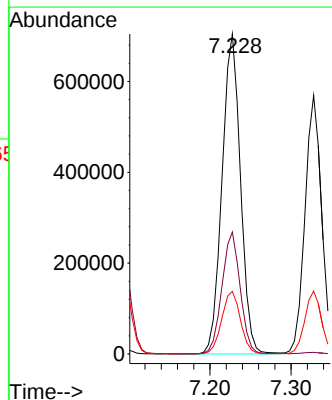
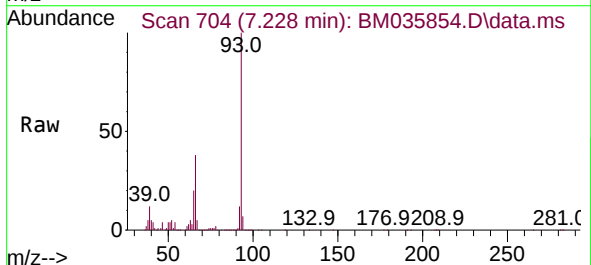
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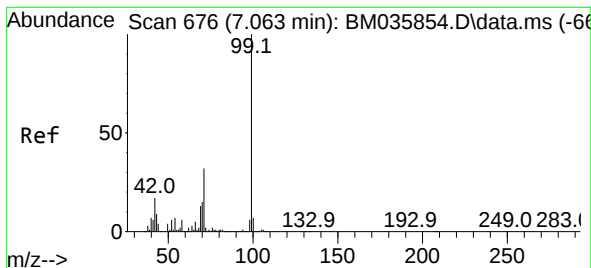
Tgt Ion:112 Resp: 1605827  
Ion Ratio Lower Upper  
112 100  
64 56.6 47.8 71.6  
63 29.4 26.6 40.0



#6  
Aniline  
Concen: 42.758 ng  
RT: 7.228 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion: 93 Resp: 1112841  
Ion Ratio Lower Upper  
93 100  
66 38.1 32.6 49.0  
65 19.5 16.8 25.2





#7

Phenol-d6

Concen: 86.121 ng

RT: 7.063 min Scan# 676

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Instrument :

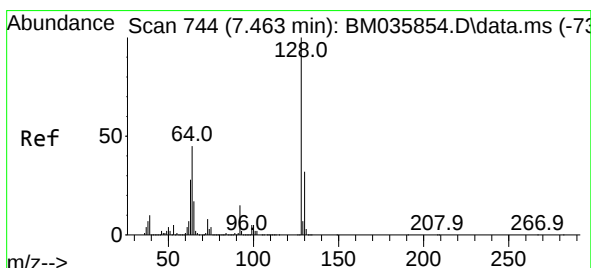
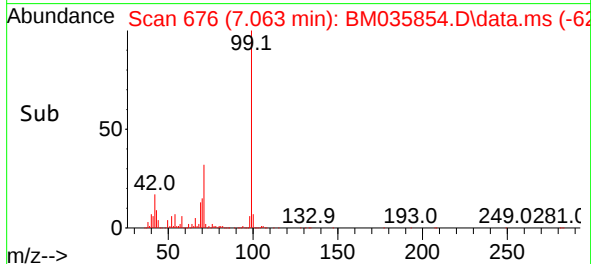
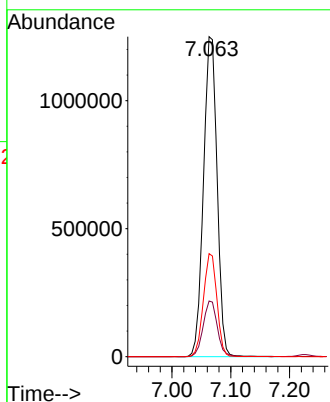
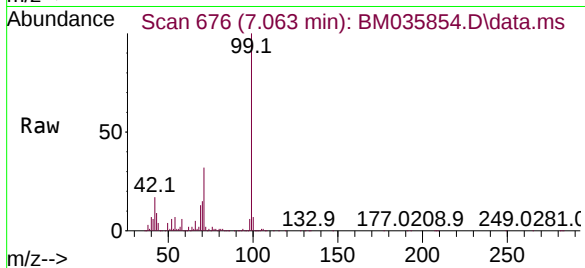
BNA\_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 2005786

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.4  | 18.8  | 28.2# |
| 71  | 32.2  | 30.2  | 45.2  |



#8

2-Chlorophenol

Concen: 42.694 ng

RT: 7.463 min Scan# 744

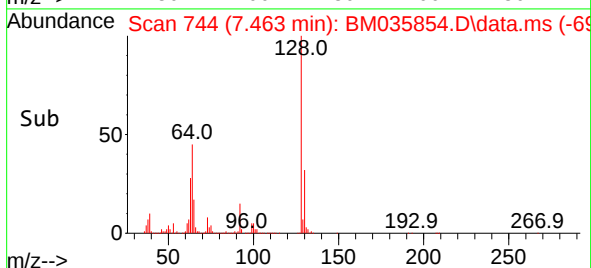
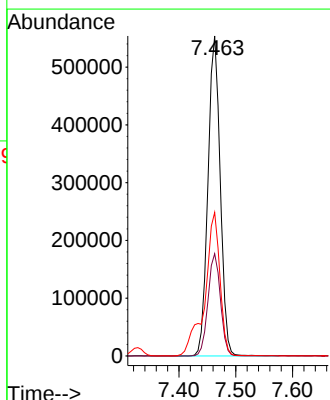
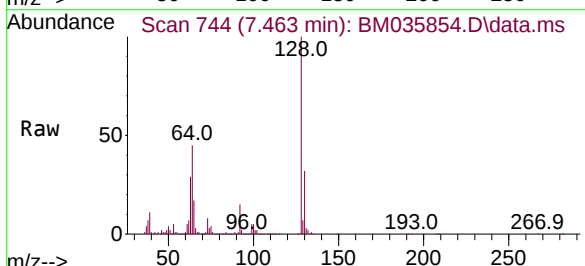
Delta R.T. 0.000 min

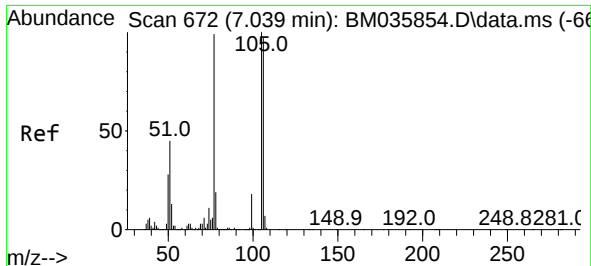
Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Tgt Ion: 128 Resp: 827693

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.0  | 10.9  | 50.9  |
| 64  | 44.8  | 28.2  | 68.2  |

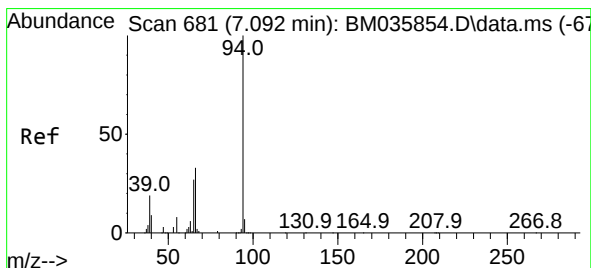
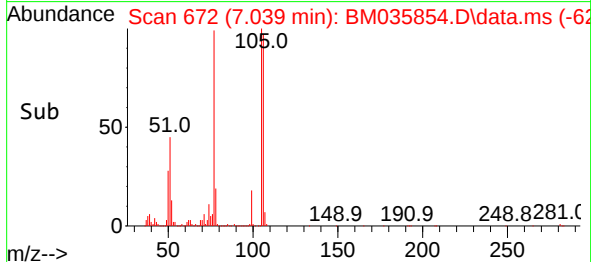
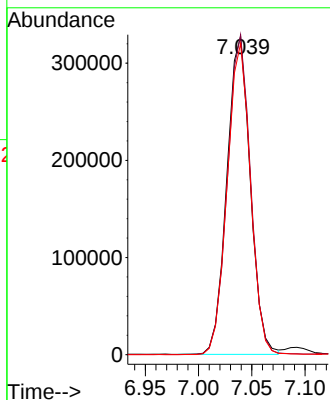
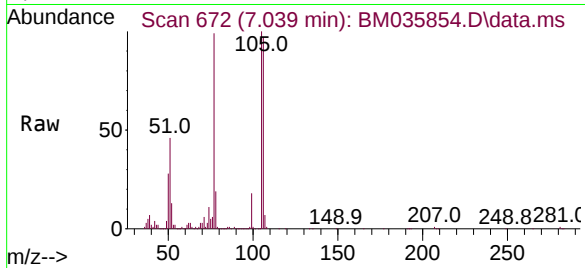




#9  
Benzaldehyde  
Concen: 39.364 ng  
RT: 7.039 min Scan# 672  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

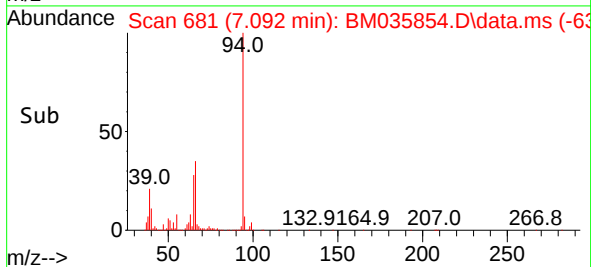
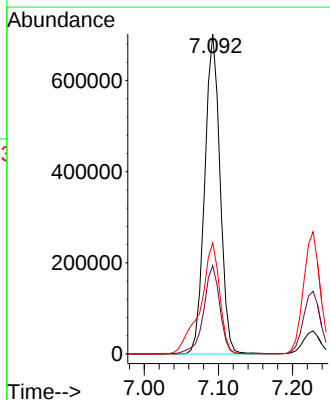
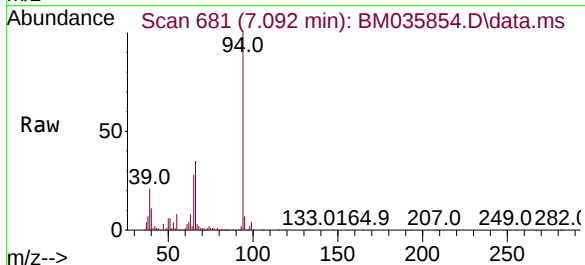
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

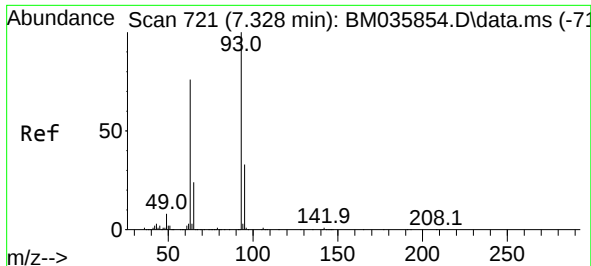
Tgt Ion: 77 Resp: 500399  
Ion Ratio Lower Upper  
77 100  
105 100.5 76.3 116.3  
106 97.8 69.0 109.0



#10  
Phenol  
Concen: 43.035 ng  
RT: 7.092 min Scan# 681  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion: 94 Resp: 1009271  
Ion Ratio Lower Upper  
94 100  
65 27.6 11.4 51.4  
66 34.7 21.4 61.4

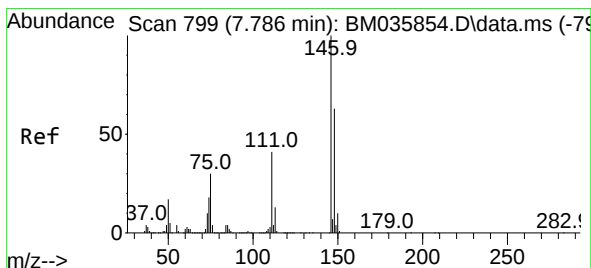
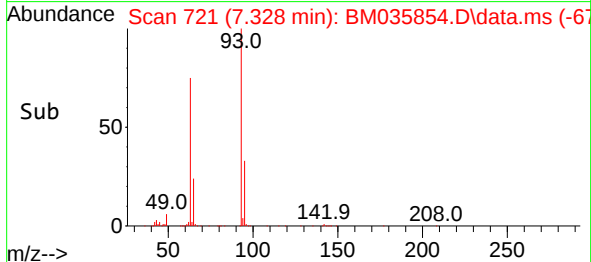
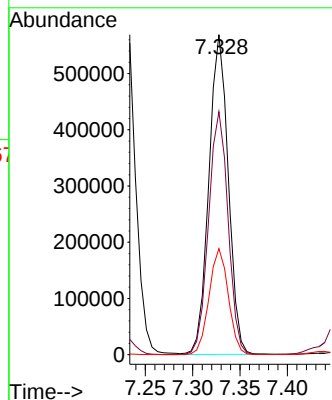
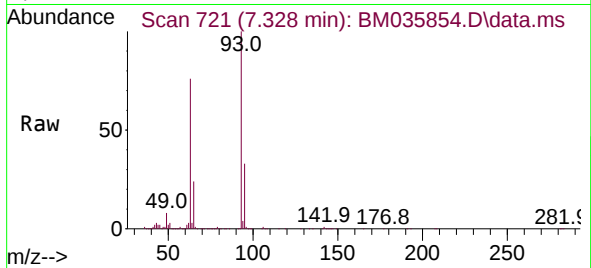




#11  
bis(2-Chloroethyl)ether  
Concen: 41.778 ng  
RT: 7.328 min Scan# 721  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

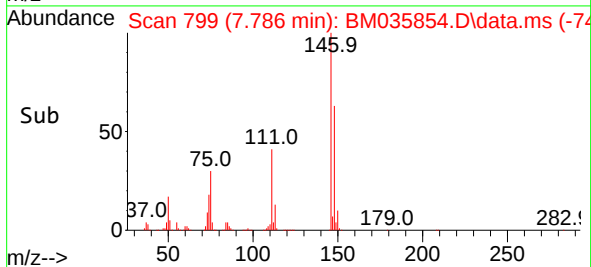
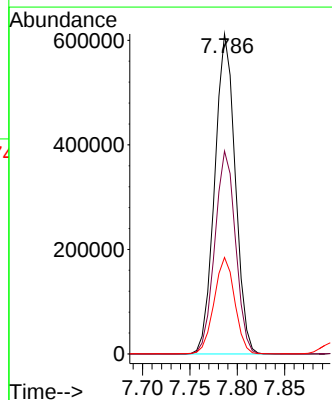
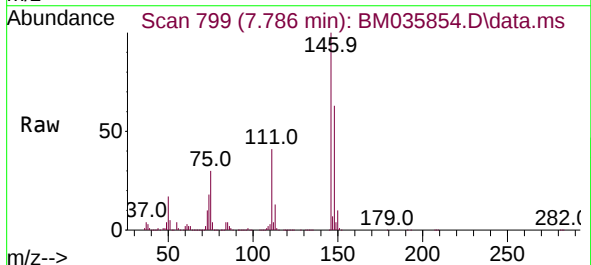
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

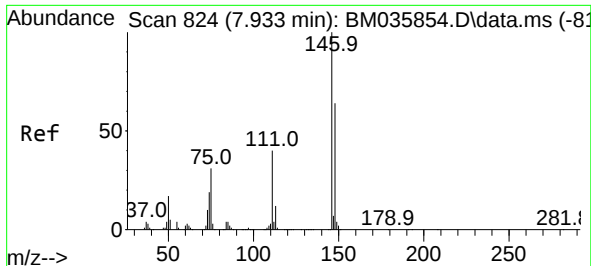
Tgt Ion: 93 Resp: 807799  
Ion Ratio Lower Upper  
93 100  
63 75.9 60.6 100.6  
95 33.1 13.2 53.2



#12  
1,3-Dichlorobenzene  
Concen: 41.473 ng  
RT: 7.786 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion: 146 Resp: 921742  
Ion Ratio Lower Upper  
146 100  
148 63.4 50.7 76.1  
75 30.1 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 41.270 ng

RT: 7.933 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

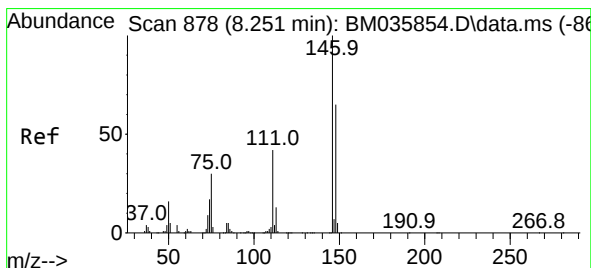
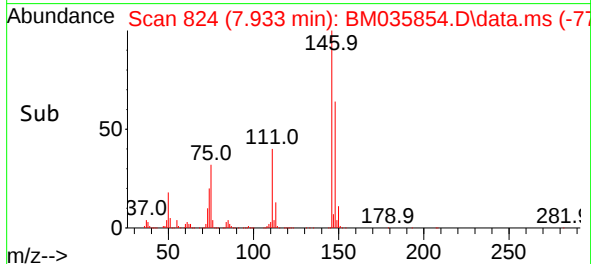
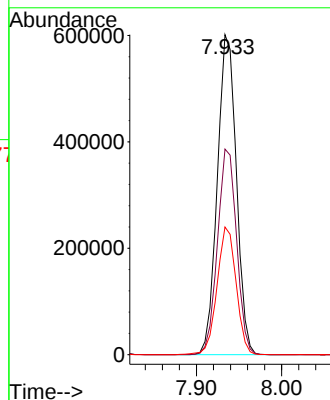
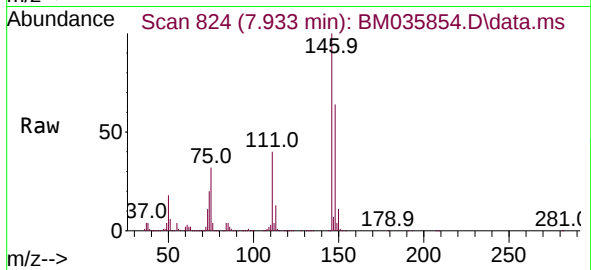
Tgt Ion:146 Resp: 934238

Ion Ratio Lower Upper

146 100

148 64.3 51.5 77.3

111 39.9 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 41.151 ng

RT: 8.251 min Scan# 878

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

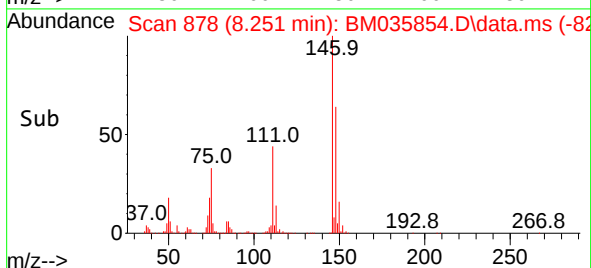
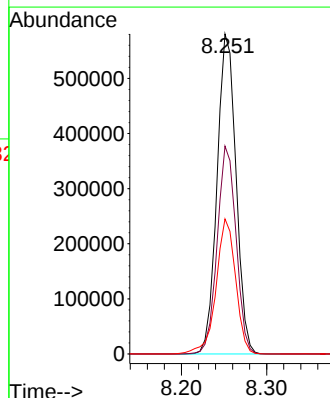
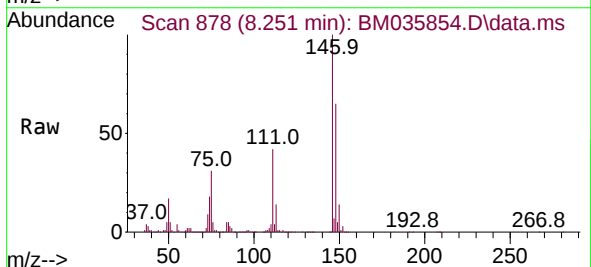
Tgt Ion:146 Resp: 898950

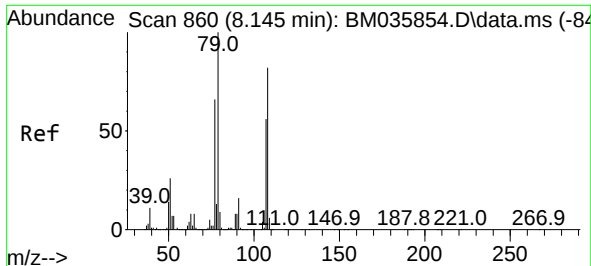
Ion Ratio Lower Upper

146 100

148 65.0 50.7 76.1

111 42.2 33.9 50.9

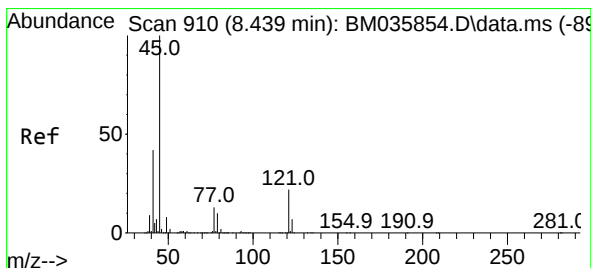
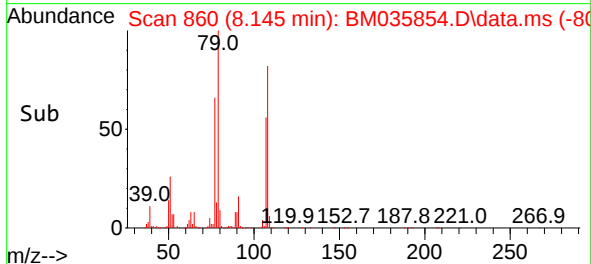
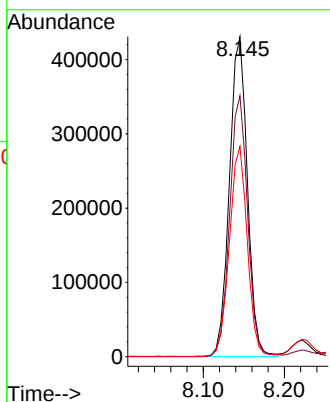
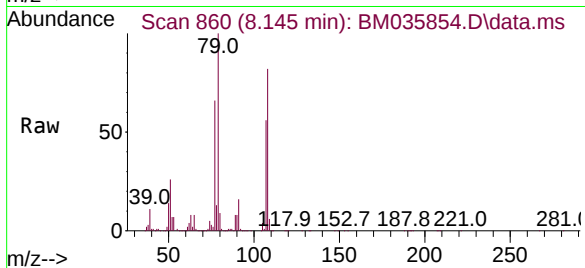




#15  
Benzyl Alcohol  
Concen: 44.127 ng  
RT: 8.145 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

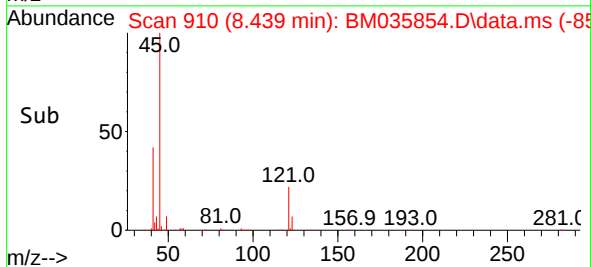
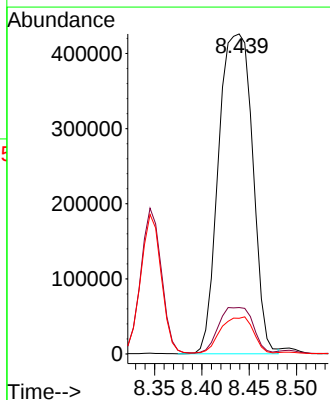
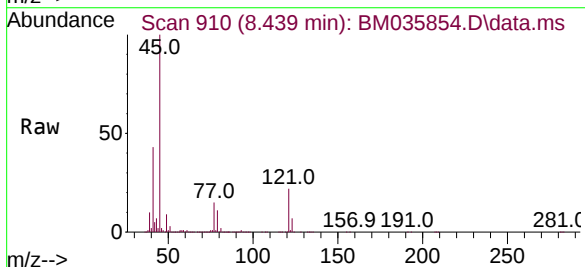
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

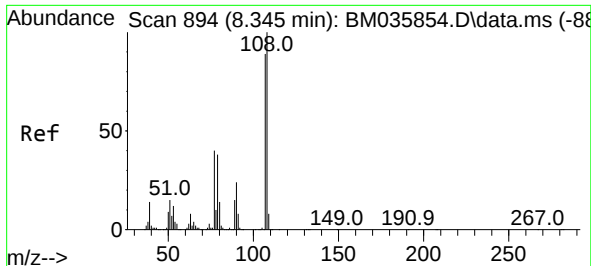
Tgt Ion: 79 Resp: 660910  
Ion Ratio Lower Upper  
79 100  
108 81.5 59.0 88.4  
77 65.7 52.2 78.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.567 ng  
RT: 8.439 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion: 45 Resp: 1062450  
Ion Ratio Lower Upper  
45 100  
77 14.5 0.0 33.1  
79 11.2 0.0 30.5



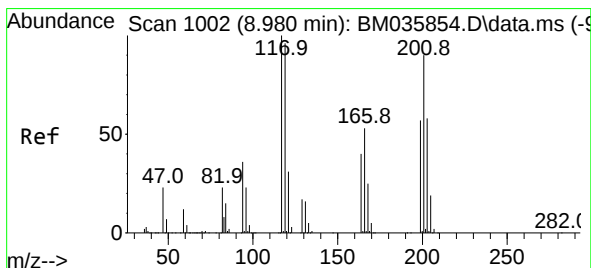
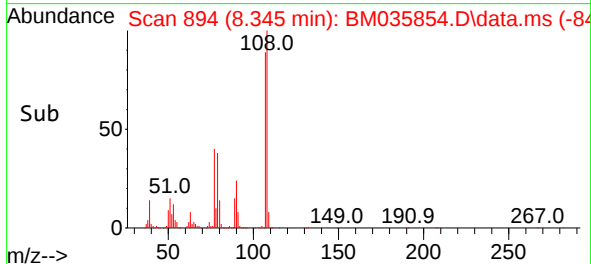
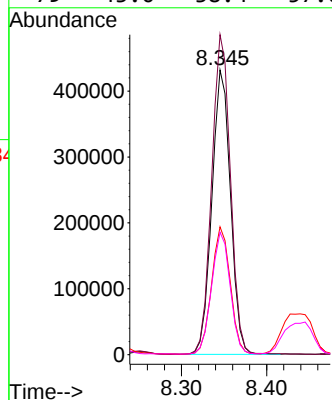
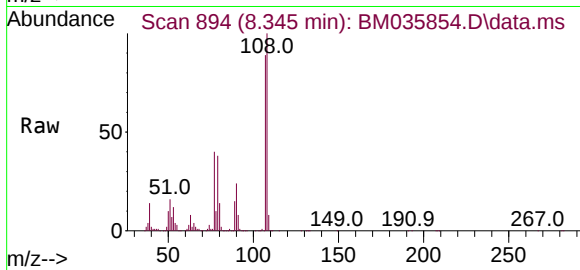


#17  
2-Methylphenol  
Concen: 43.283 ng  
RT: 8.345 min Scan# 894  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

Tgt Ion:107 Resp: 654405

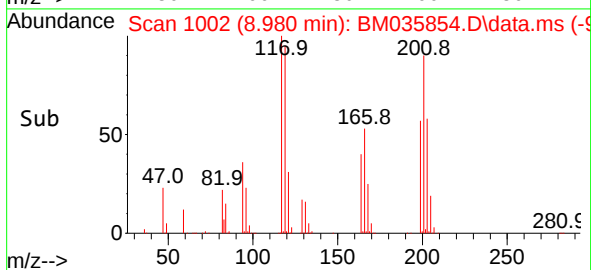
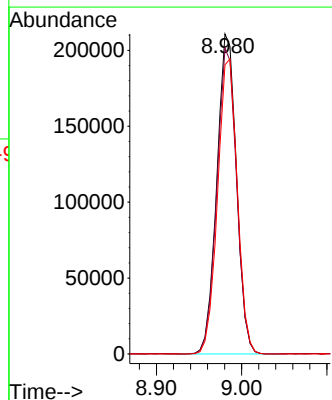
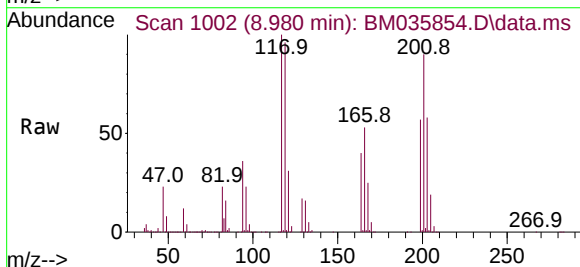
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 112.4 | 88.7  | 133.1 |
| 77  | 44.9  | 40.6  | 60.8  |
| 79  | 43.0  | 38.4  | 57.6  |

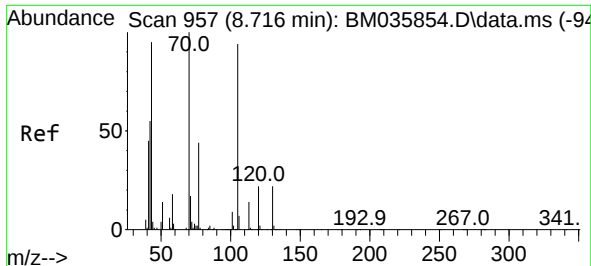


#18  
Hexachloroethane  
Concen: 42.461 ng  
RT: 8.980 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:117 Resp: 338234

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.5  | 75.8  | 113.6 |
| 201 | 90.4  | 81.0  | 121.4 |





#19

n-Nitroso-di-n-propylamine

Concen: 43.630 ng

RT: 8.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 583554

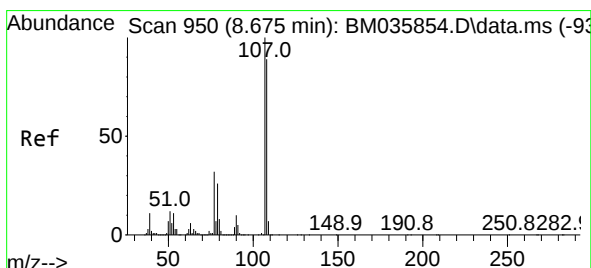
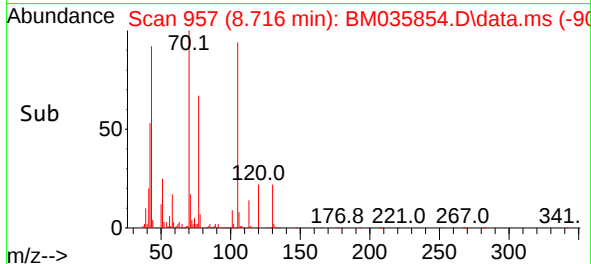
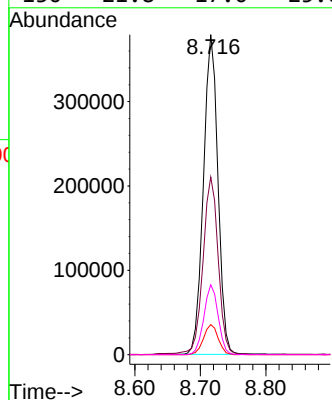
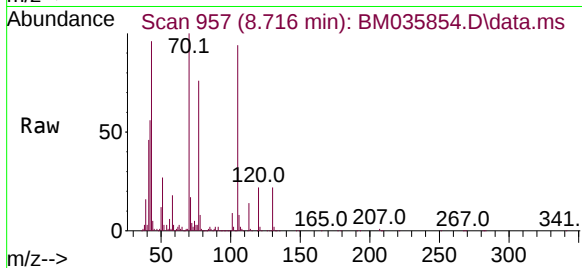
Ion Ratio Lower Upper

70 100

42 55.5 55.4 83.2

101 9.4 7.8 11.6

130 21.8 17.0 25.6



#20

3+4-Methylphenols

Concen: 43.532 ng

RT: 8.675 min Scan# 950

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Tgt Ion: 107 Resp: 880912

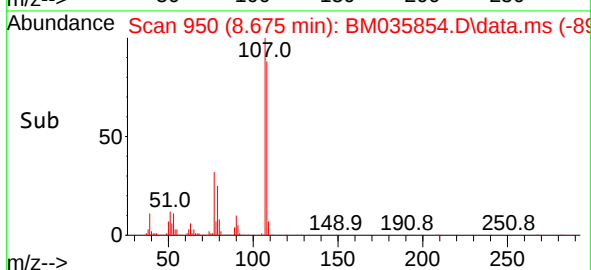
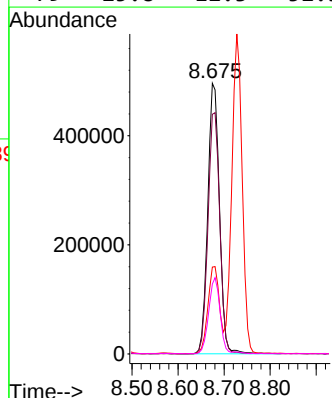
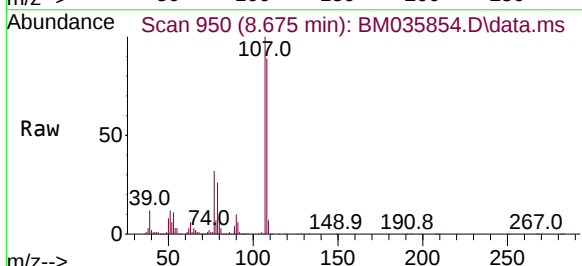
Ion Ratio Lower Upper

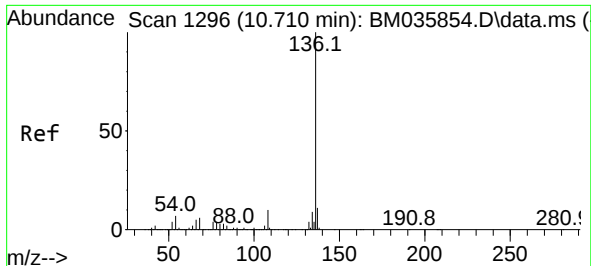
107 100

108 88.5 69.3 109.3

77 32.1 15.8 55.8

79 25.8 12.3 52.3

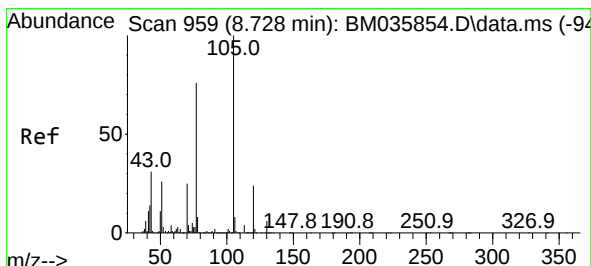
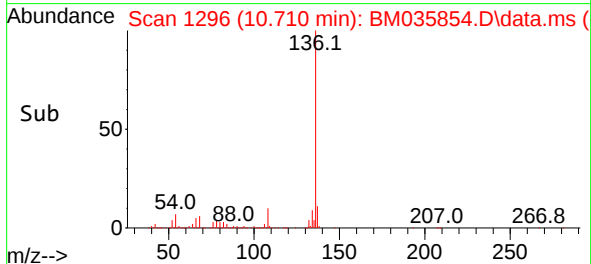
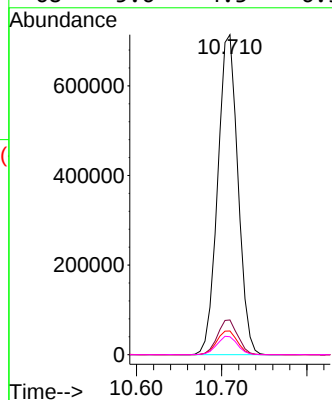
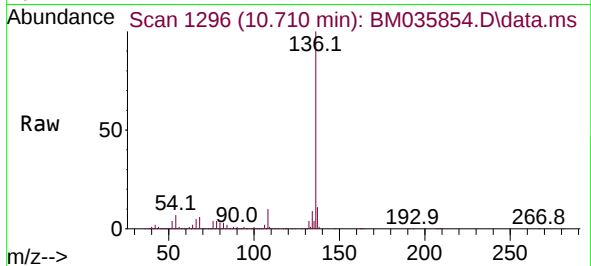




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.710 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

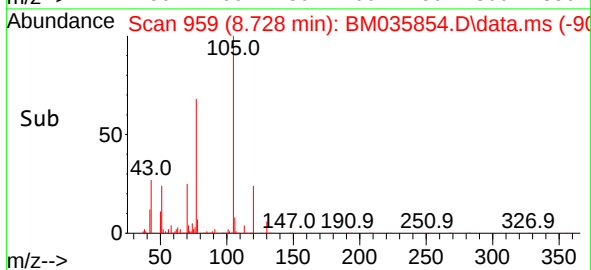
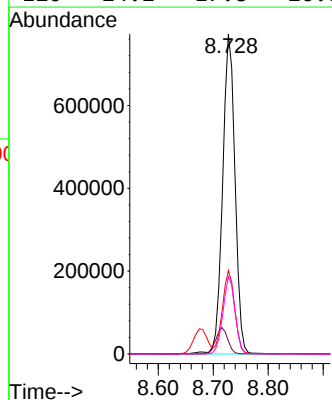
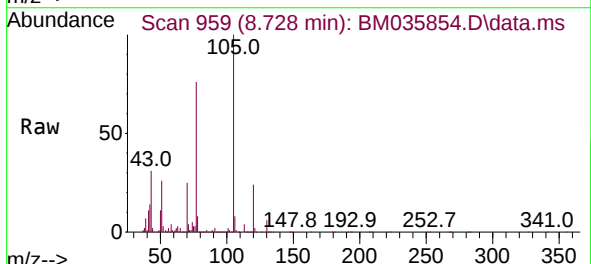
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

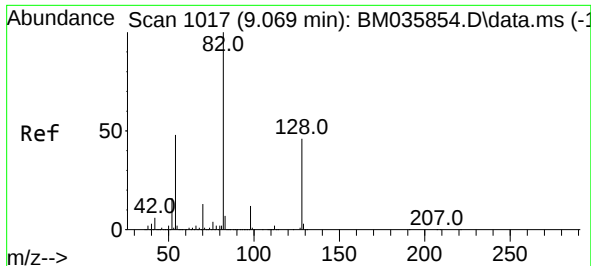
Tgt Ion:136 Resp: 1177218  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 7.4 7.0 10.4  
68 5.6 4.3 6.5



#22  
Acetophenone  
Concen: 42.368 ng  
RT: 8.728 min Scan# 959  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:105 Resp: 1204034  
Ion Ratio Lower Upper  
105 100  
71 4.1 5.0 7.4#  
51 26.1 25.6 38.4  
120 24.2 17.8 26.8



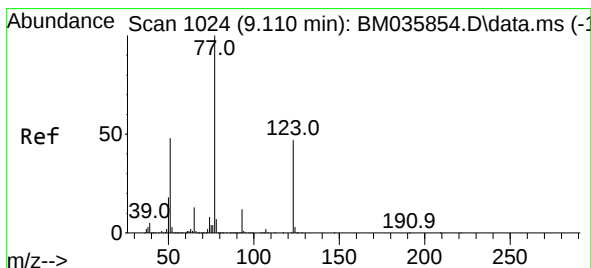
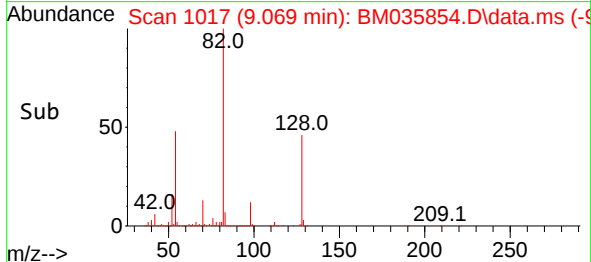
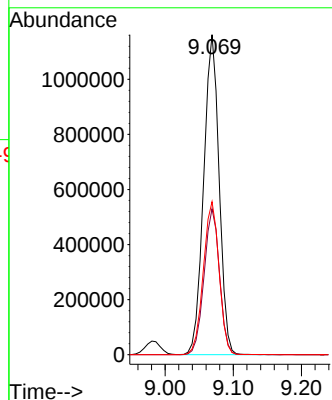
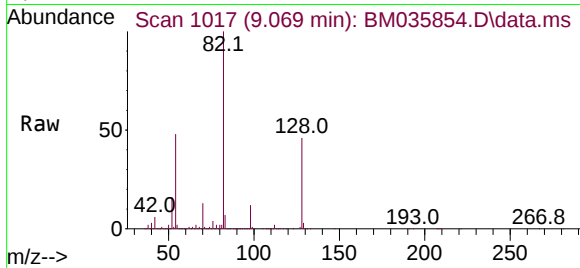


#23  
 Nitrobenzene-d5  
 Concen: 88.950 ng  
 RT: 9.069 min Scan# 1017  
 Delta R.T. 0.000 min  
 Lab File: BM035854.D  
 Acq: 18 Jul 2022 14:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

Tgt Ion: 82 Resp: 1831693  

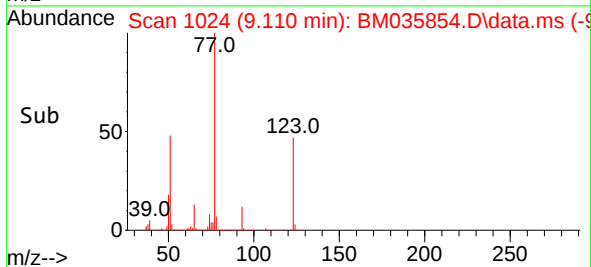
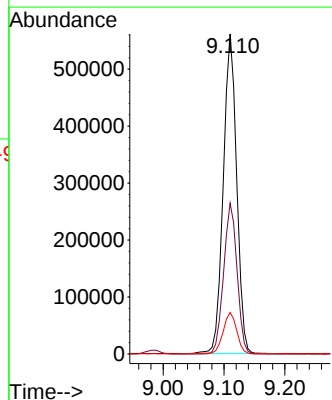
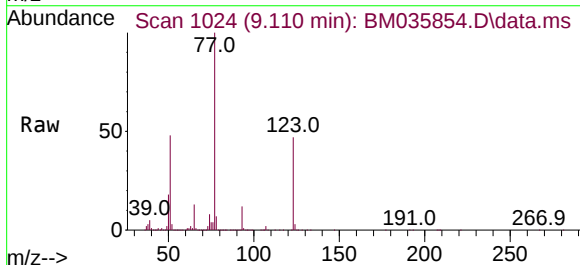
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.6  | 33.7  | 50.5  |
| 54  | 47.8  | 43.2  | 64.8  |

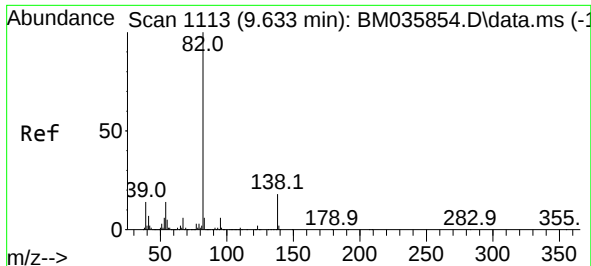


#24  
 Nitrobenzene  
 Concen: 44.212 ng  
 RT: 9.110 min Scan# 1024  
 Delta R.T. 0.000 min  
 Lab File: BM035854.D  
 Acq: 18 Jul 2022 14:30

Tgt Ion: 77 Resp: 857887  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 47.1  | 36.2  | 54.4  |
| 65  | 12.9  | 11.4  | 17.0  |

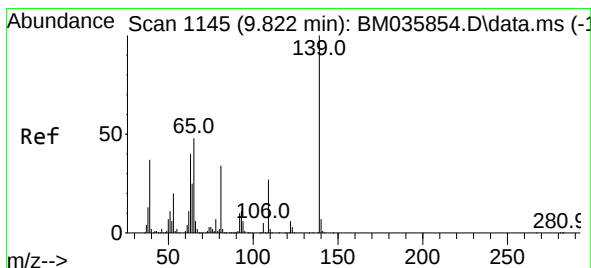
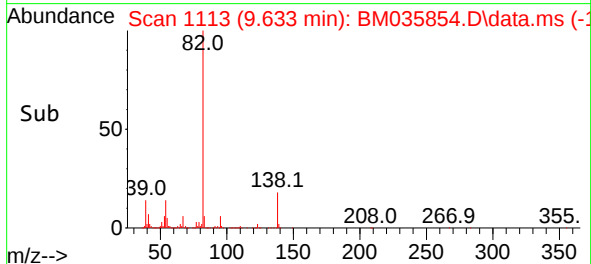
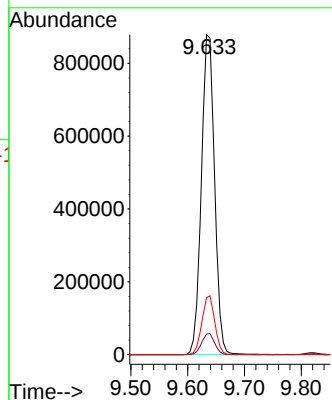
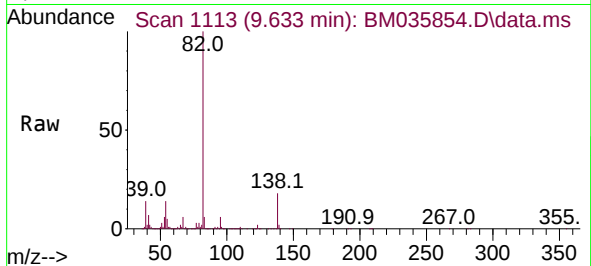




#25  
Isophorone  
Concen: 43.554 ng  
RT: 9.633 min Scan# 1113  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

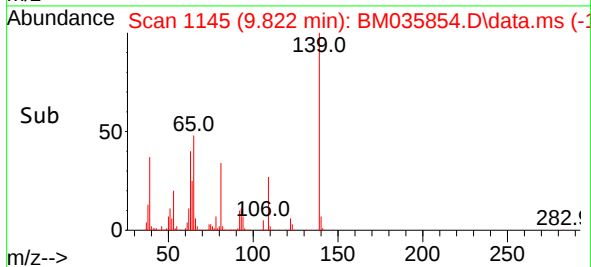
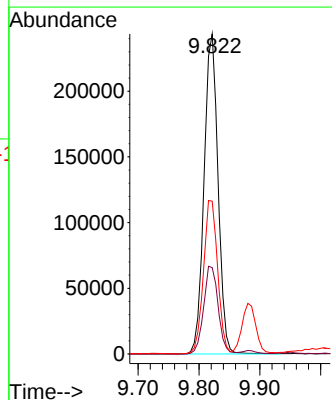
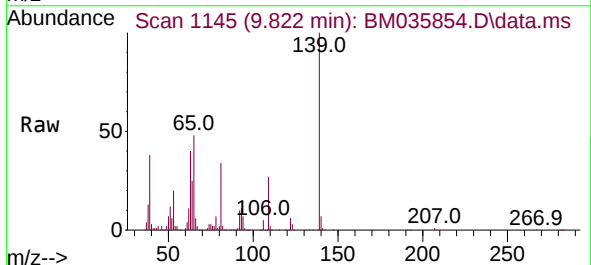
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

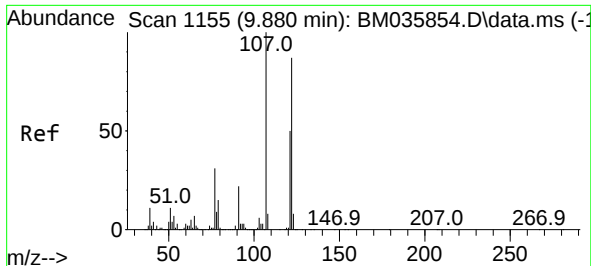
Tgt Ion: 82 Resp: 1420542  
Ion Ratio Lower Upper  
82 100  
95 6.5 6.4 9.6  
138 17.8 14.2 21.4



#26  
2-Nitrophenol  
Concen: 54.662 ng  
RT: 9.822 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion: 139 Resp: 389468  
Ion Ratio Lower Upper  
139 100  
109 27.0 25.6 38.4  
65 47.7 43.2 64.8

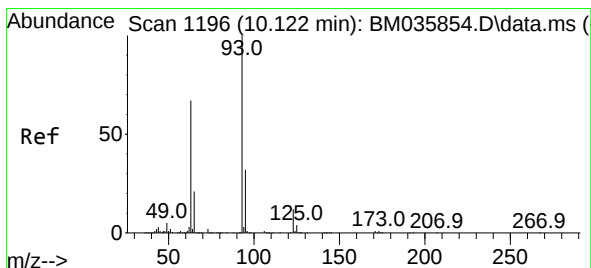
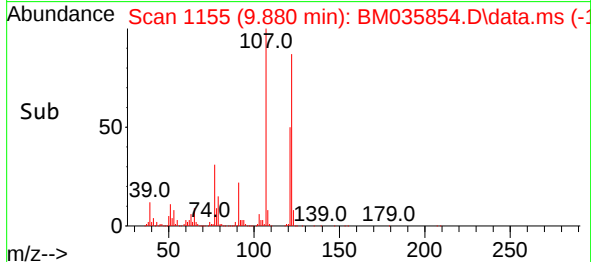
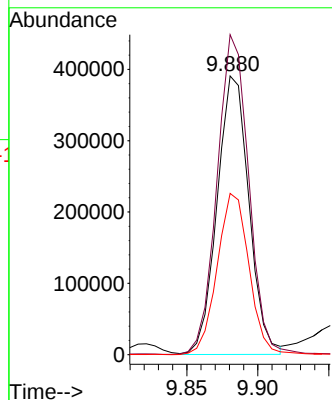
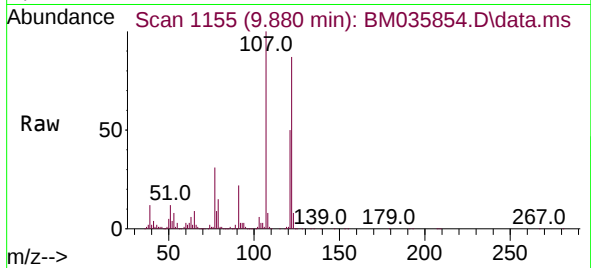




#27  
2,4-Dimethylphenol  
Concen: 43.420 ng  
RT: 9.880 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

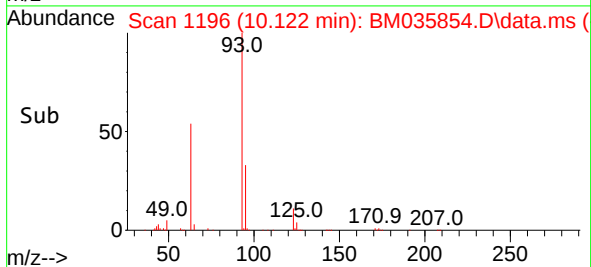
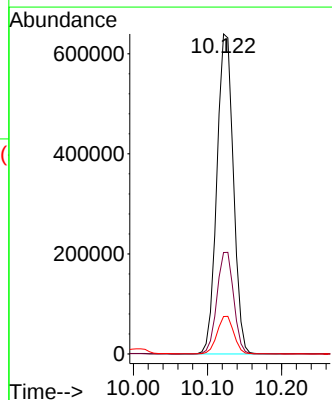
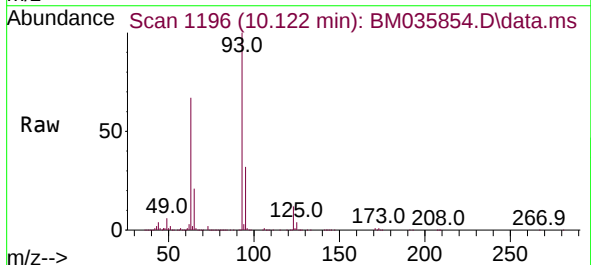
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

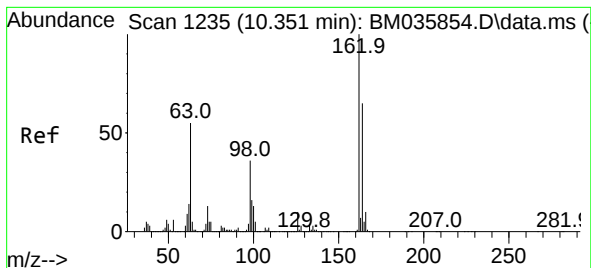
Tgt Ion:122 Resp: 607614  
Ion Ratio Lower Upper  
122 100  
107 114.8 92.4 138.6  
121 57.9 47.4 71.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.989 ng  
RT: 10.122 min Scan# 1196  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion: 93 Resp: 988563  
Ion Ratio Lower Upper  
93 100  
95 31.7 26.1 39.1  
123 11.7 9.0 13.4

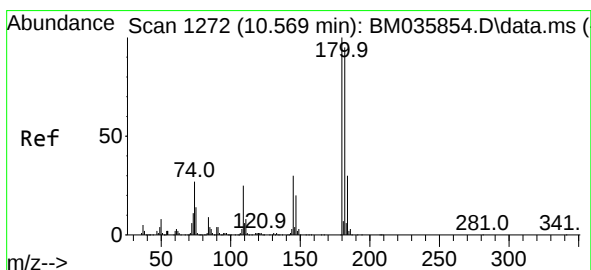
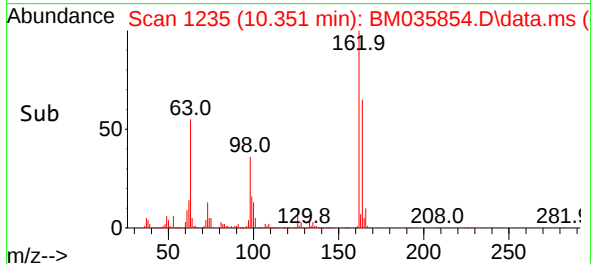
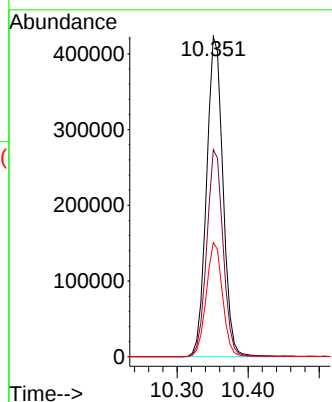
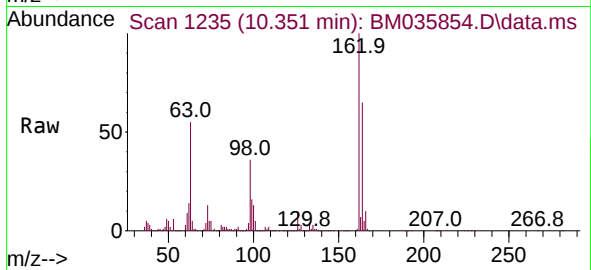




#29  
2,4-Dichlorophenol  
Concen: 44.436 ng  
RT: 10.351 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

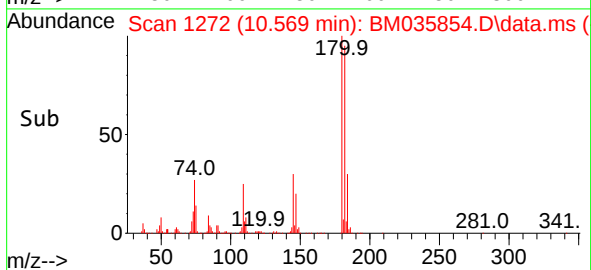
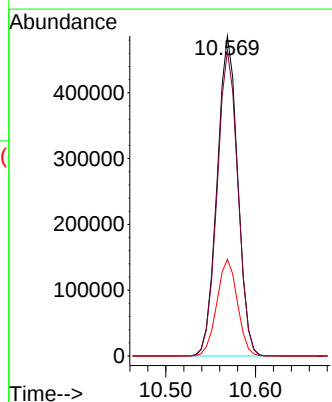
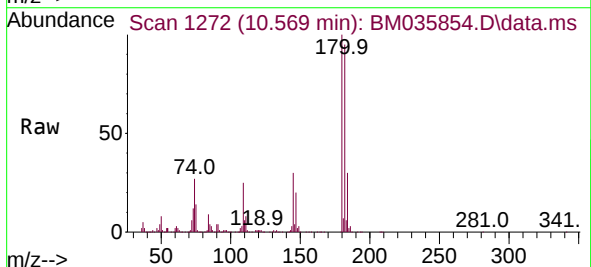
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

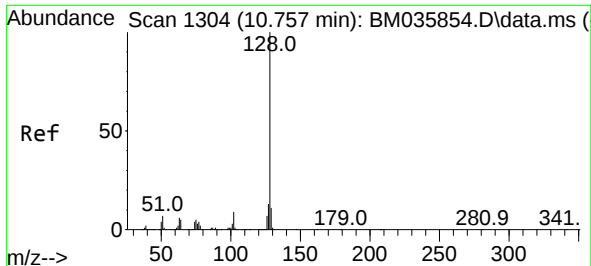
Tgt Ion:162 Resp: 680777  
Ion Ratio Lower Upper  
162 100  
164 64.7 44.2 84.2  
98 35.6 15.0 55.0



#30  
1,2,4-Trichlorobenzene  
Concen: 40.866 ng  
RT: 10.569 min Scan# 1272  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:180 Resp: 773715  
Ion Ratio Lower Upper  
180 100  
182 95.4 77.9 116.9  
145 30.2 25.0 37.6

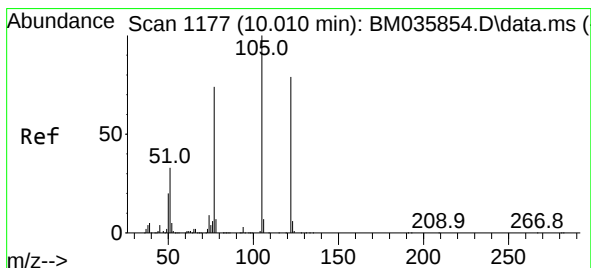
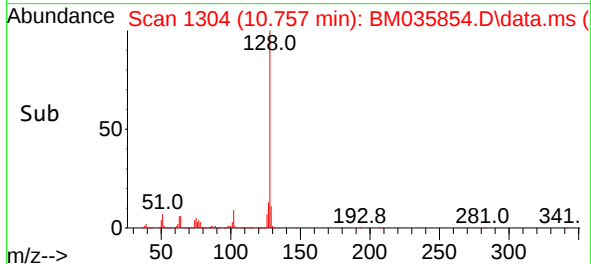
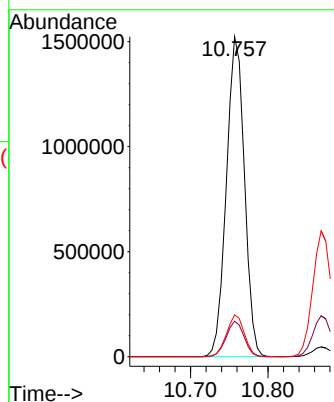
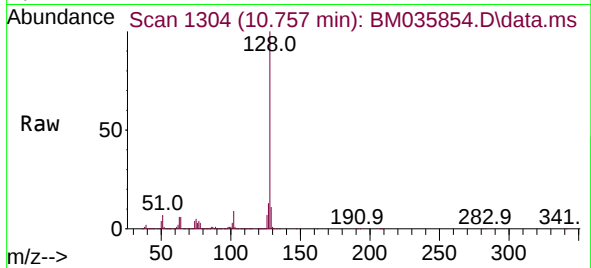




#31  
Naphthalene  
Concen: 41.552 ng  
RT: 10.757 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

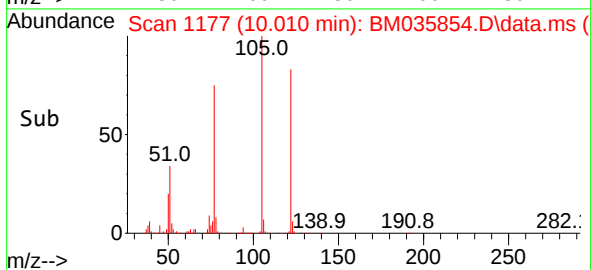
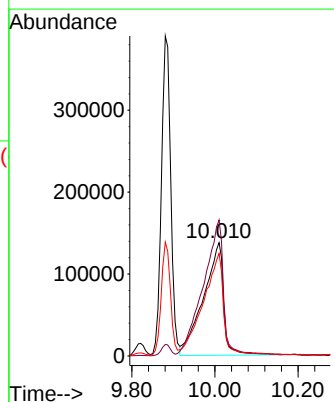
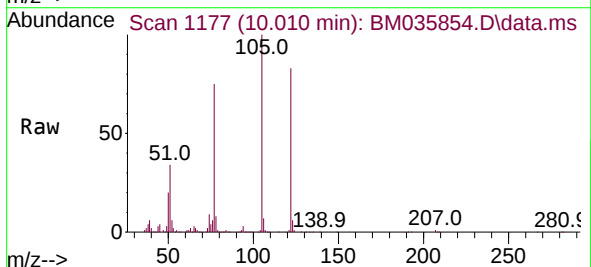
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

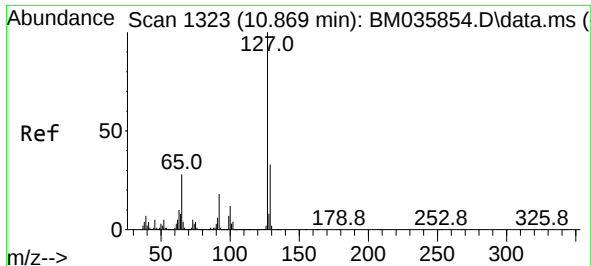
Tgt Ion:128 Resp: 2470418  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.7 13.1  
127 13.1 10.6 16.0



#32  
Benzoic acid  
Concen: 56.692 ng  
RT: 10.010 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:122 Resp: 465156  
Ion Ratio Lower Upper  
122 100  
105 120.1 105.7 145.7  
77 90.7 80.0 120.0

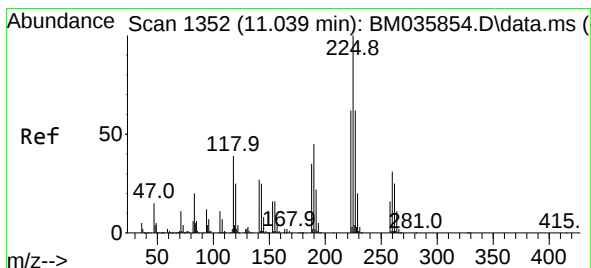
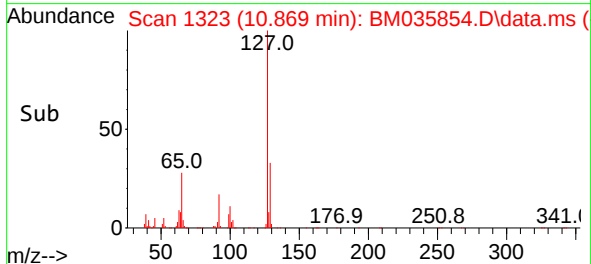
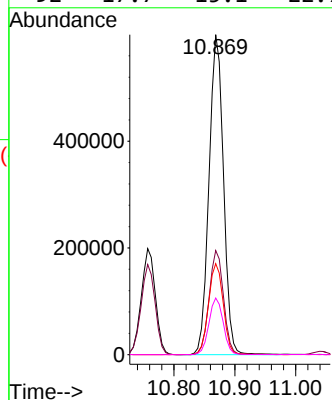
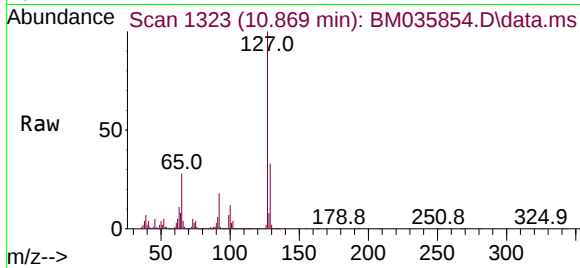




#33  
4-Chloroaniline  
Concen: 42.240 ng  
RT: 10.869 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

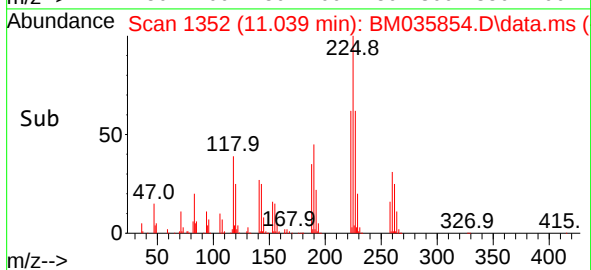
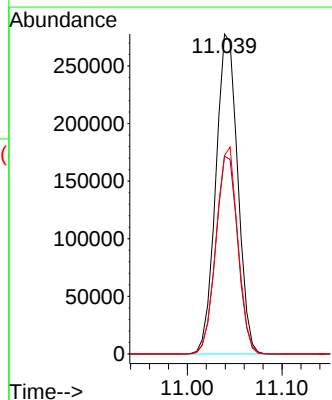
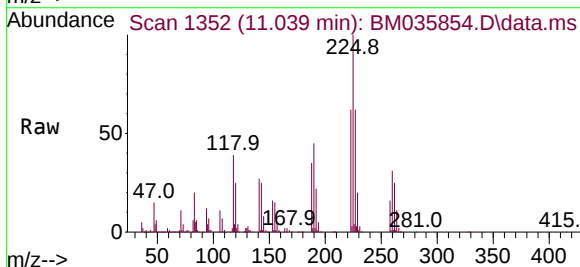
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

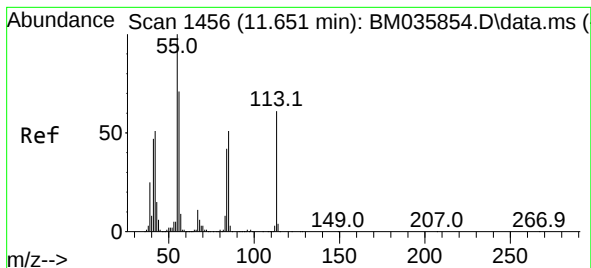
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 992907 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 25.7  | 38.5   |
| 65       | 28.4  | 26.6  | 40.0   |
| 92       | 17.7  | 15.1  | 22.7   |



#34  
Hexachlorobutadiene  
Concen: 40.815 ng  
RT: 11.039 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 445676 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.8  | 50.8  | 76.2   |
| 227      | 62.1  | 52.7  | 79.1   |

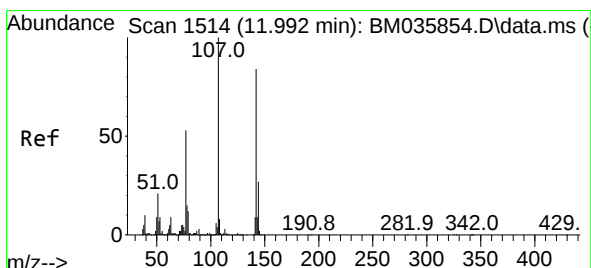
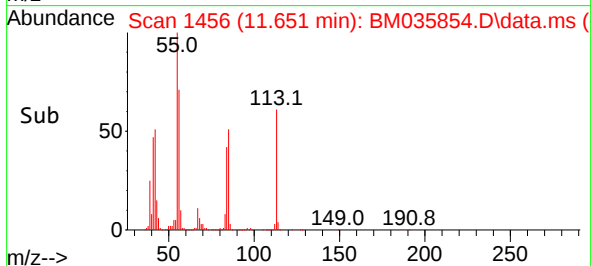
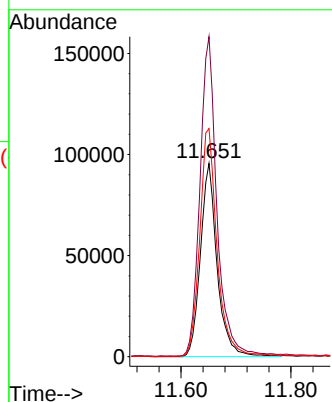
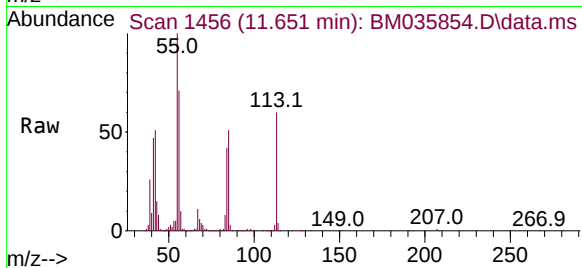




#35  
 Caprolactam  
 Concen: 47.157 ng  
 RT: 11.651 min Scan# 1456  
 Delta R.T. 0.000 min  
 Lab File: BM035854.D  
 Acq: 18 Jul 2022 14:30

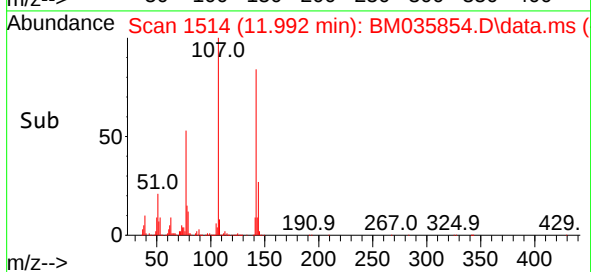
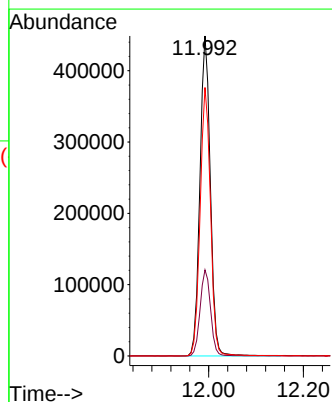
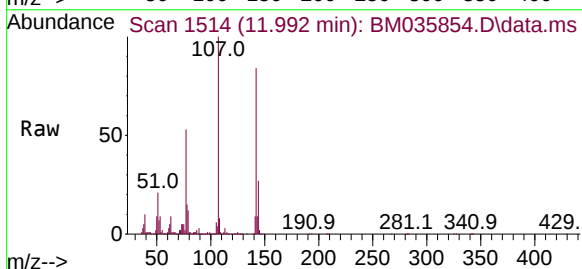
Instrument :  
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 ClientSampleId :  
 SSTDICC040

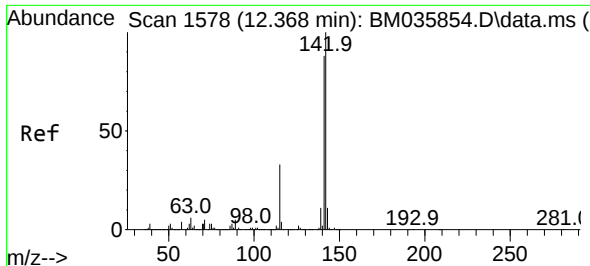
Tgt Ion:113 Resp: 201902  
 Ion Ratio Lower Upper  
 113 100  
 55 165.5 150.1 190.1  
 56 118.0 111.7 151.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.276 ng  
 RT: 11.992 min Scan# 1514  
 Delta R.T. 0.000 min  
 Lab File: BM035854.D  
 Acq: 18 Jul 2022 14:30

Tgt Ion:107 Resp: 685933  
 Ion Ratio Lower Upper  
 107 100  
 144 26.9 21.4 32.0  
 142 83.9 66.7 100.1

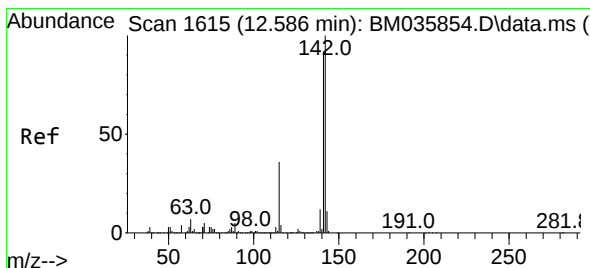
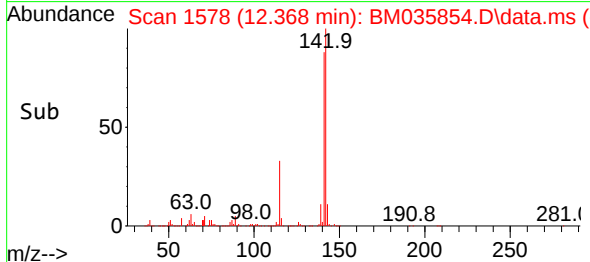
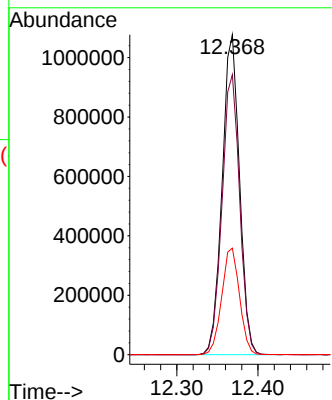
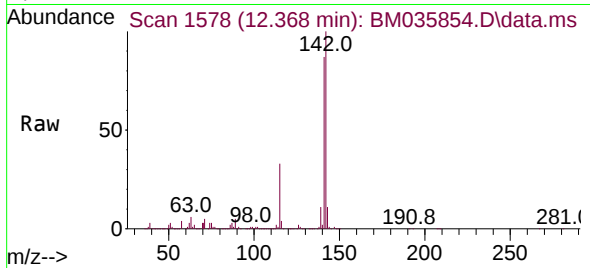




#37  
2-Methylnaphthalene  
Concen: 41.001 ng  
RT: 12.368 min Scan# 1578  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

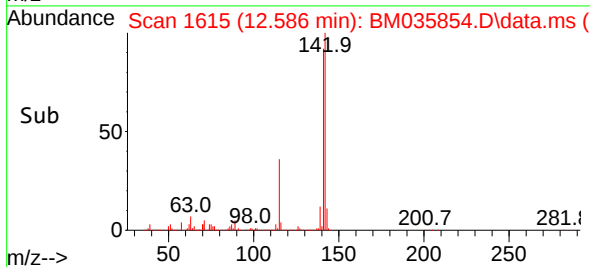
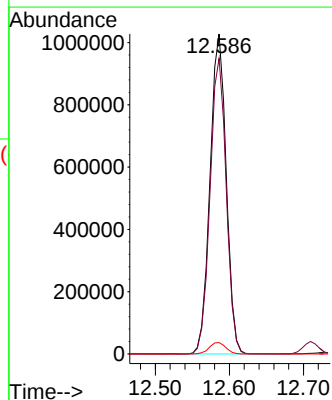
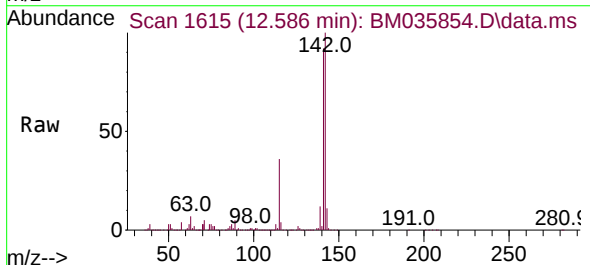
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BNA\_M  
ClientSampleId :  
SSTDICCC040

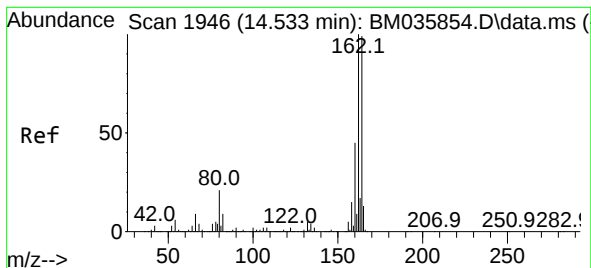
Tgt Ion:142 Resp: 1603332  
Ion Ratio Lower Upper  
142 100  
141 87.5 72.4 108.6  
115 33.3 29.6 44.4



#38  
1-Methylnaphthalene  
Concen: 40.850 ng  
RT: 12.586 min Scan# 1615  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:142 Resp: 1556089  
Ion Ratio Lower Upper  
142 100  
141 92.4 75.0 112.4  
116 3.6 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

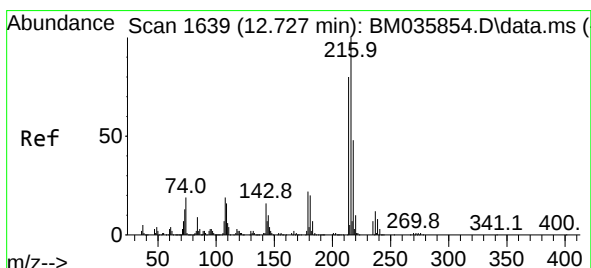
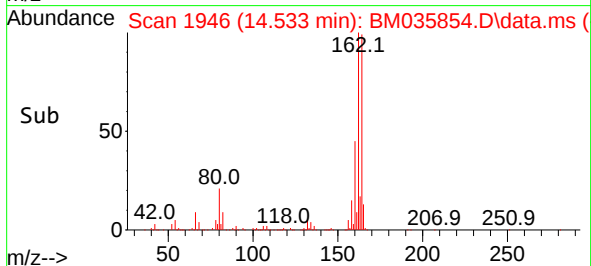
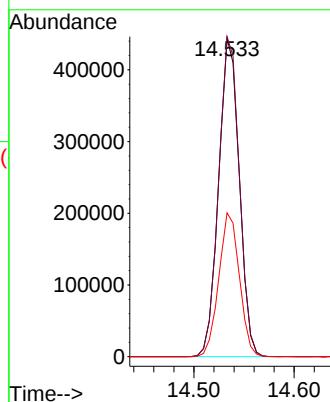
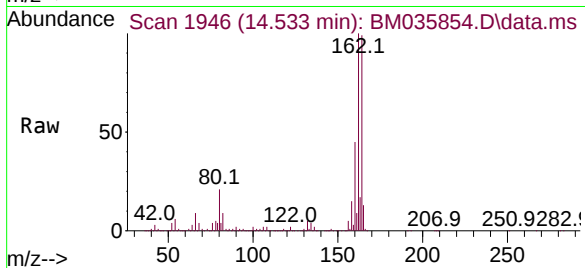
Tgt Ion:164 Resp: 632761

Ion Ratio Lower Upper

164 100

162 100.5 83.0 124.6

160 45.2 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.607 ng

RT: 12.727 min Scan# 1639

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Tgt Ion:216 Resp: 762151

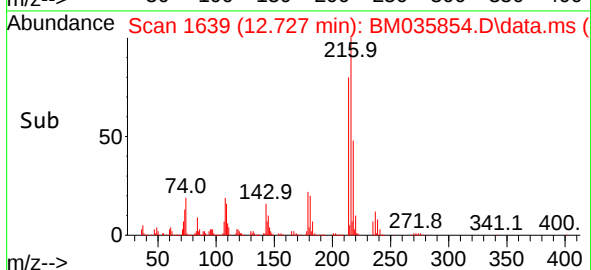
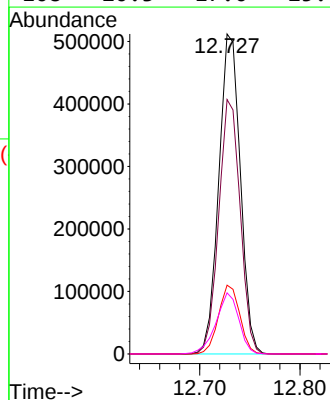
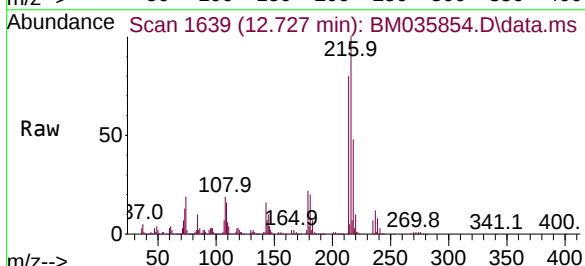
Ion Ratio Lower Upper

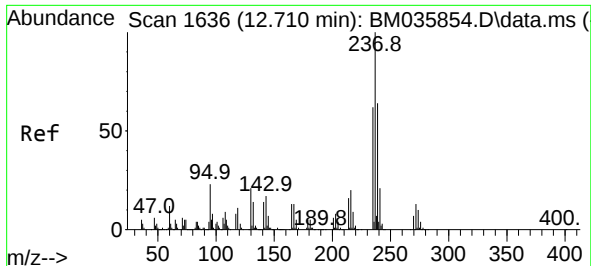
216 100

214 79.1 62.6 94.0

179 21.4 18.2 27.2

108 20.3 17.0 25.6

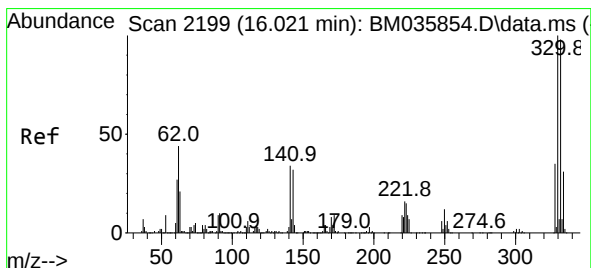
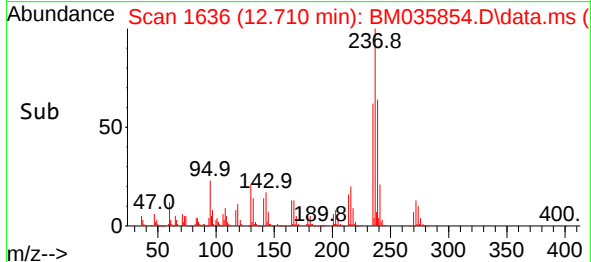
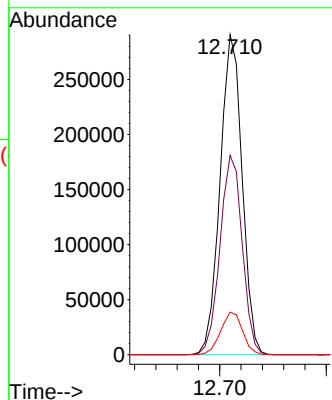
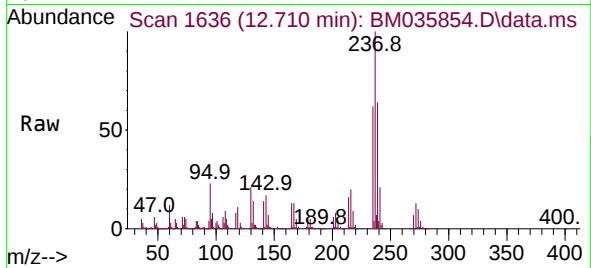




#41  
Hexachlorocyclopentadiene  
Concen: 43.622 ng  
RT: 12.710 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

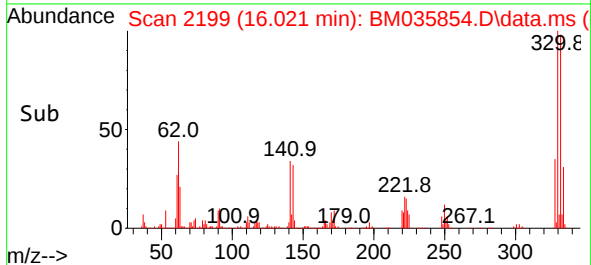
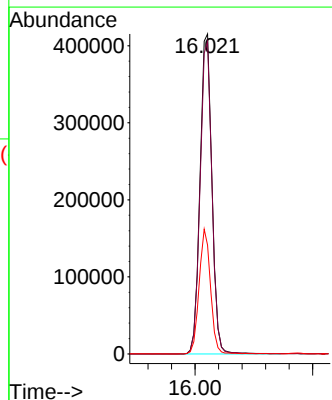
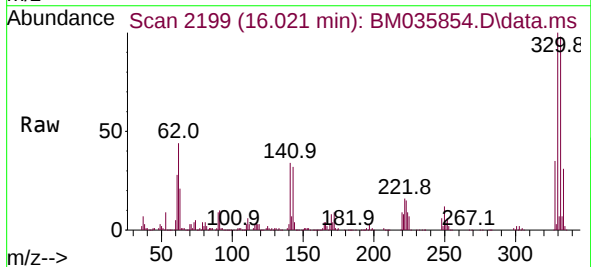
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

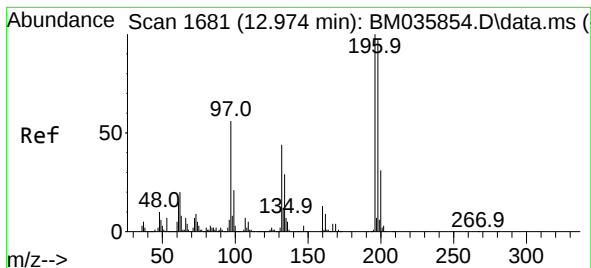
Tgt Ion:237 Resp: 416757  
Ion Ratio Lower Upper  
237 100  
235 62.2 43.8 83.8  
272 13.3 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 90.776 ng  
RT: 16.021 min Scan# 2199  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:330 Resp: 583305  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.0 115.4  
141 37.5 35.3 52.9





#43

2,4,6-Trichlorophenol

Concen: 47.664 ng

RT: 12.974 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

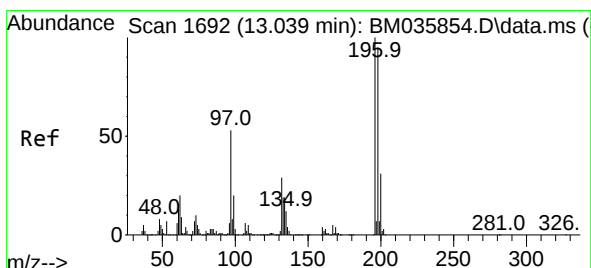
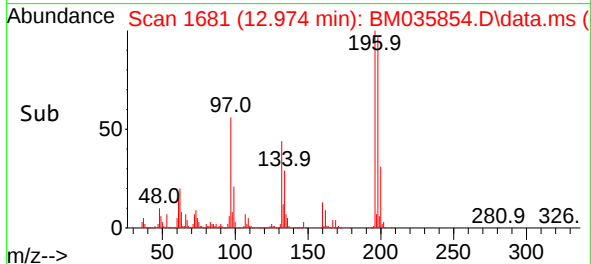
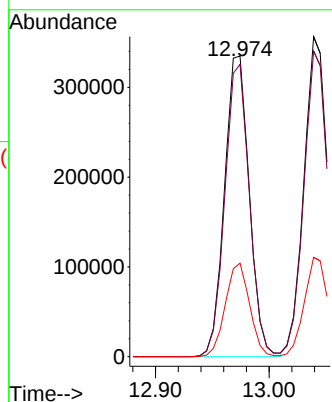
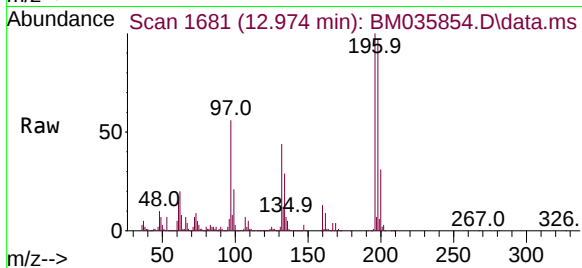
Tgt Ion:196 Resp: 508700

Ion Ratio Lower Upper

196 100

198 97.2 75.8 113.6

200 31.2 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 46.339 ng

RT: 13.039 min Scan# 1692

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Tgt Ion:196 Resp: 530512

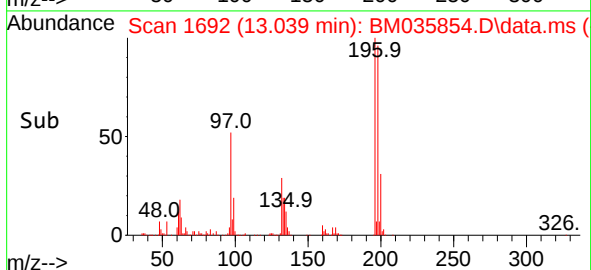
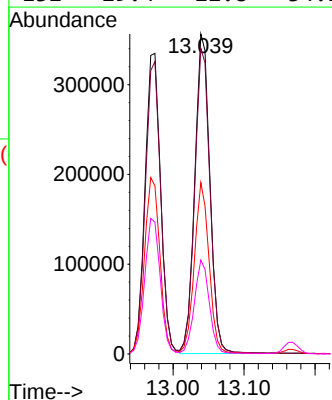
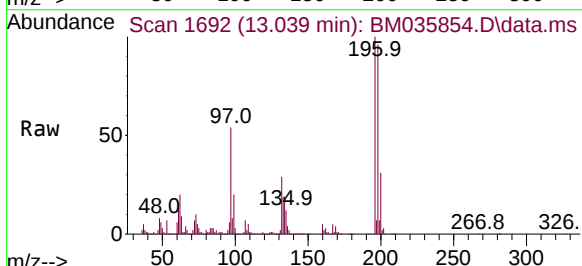
Ion Ratio Lower Upper

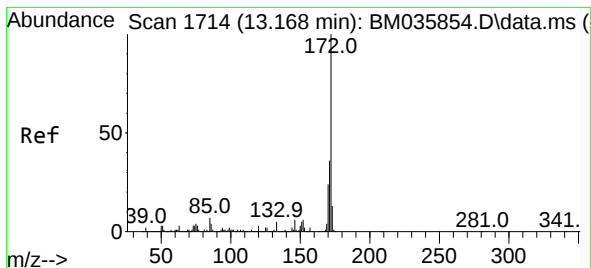
196 100

198 95.5 77.8 116.6

97 53.5 43.4 65.2

132 29.4 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 83.448 ng

RT: 13.168 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

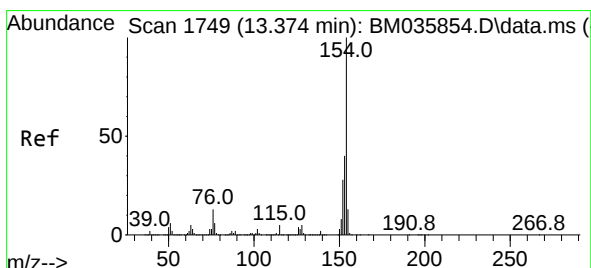
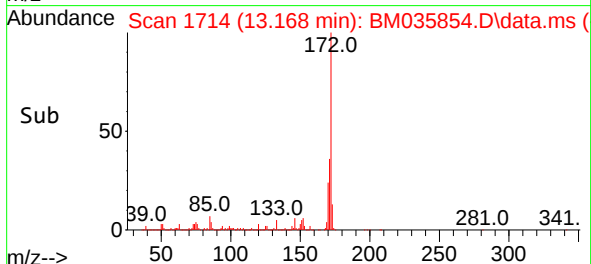
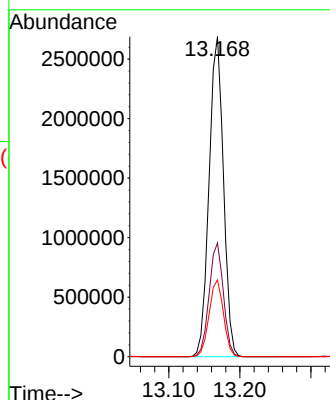
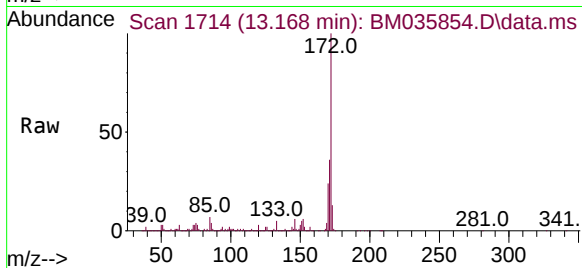
Tgt Ion:172 Resp: 3786179

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.0 18.7 28.1



#46

1,1'-Biphenyl

Concen: 41.957 ng

RT: 13.374 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

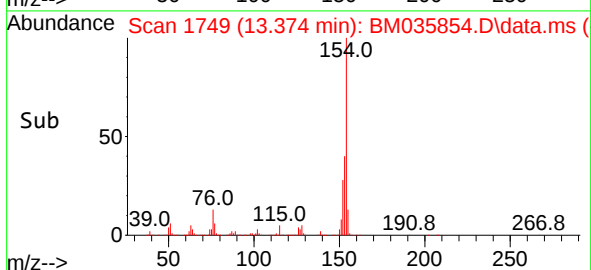
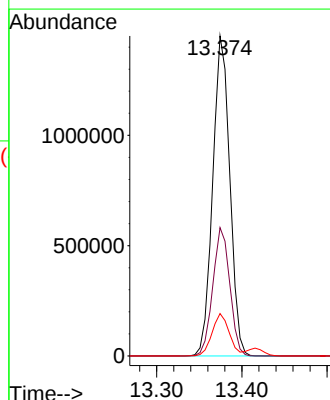
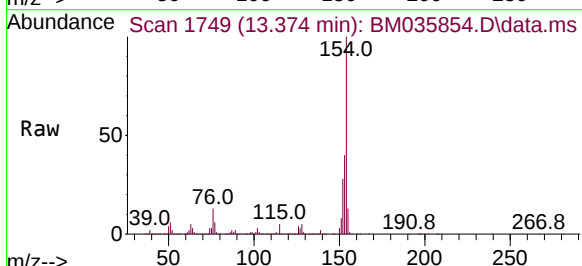
Tgt Ion:154 Resp: 2016386

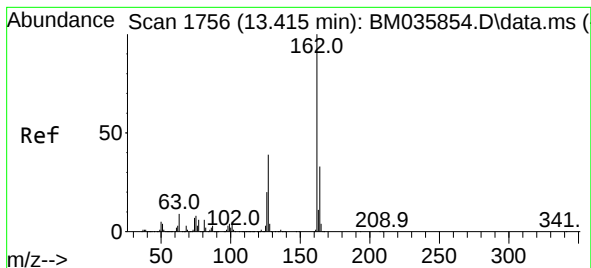
Ion Ratio Lower Upper

154 100

153 40.1 20.5 60.5

76 13.3 0.0 31.8

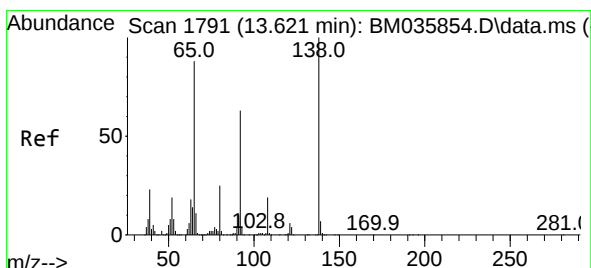
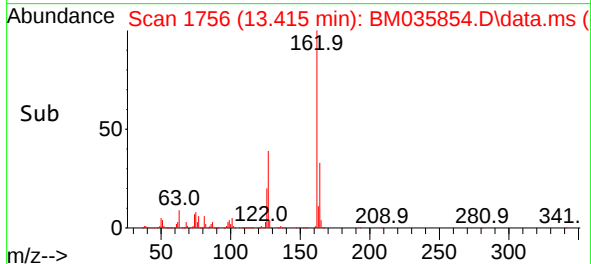
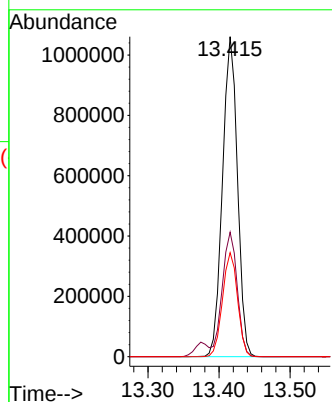
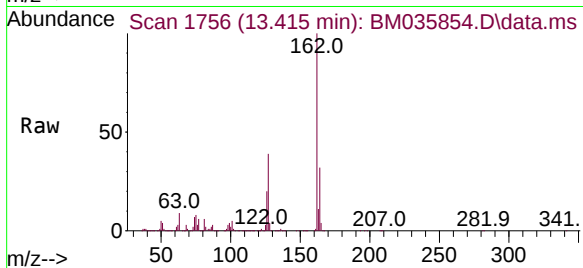




#47  
2-Chloronaphthalene  
Concen: 42.003 ng  
RT: 13.415 min Scan# 1756  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

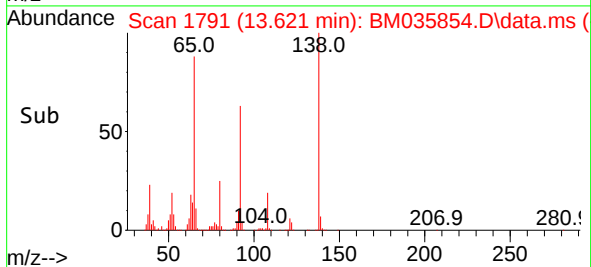
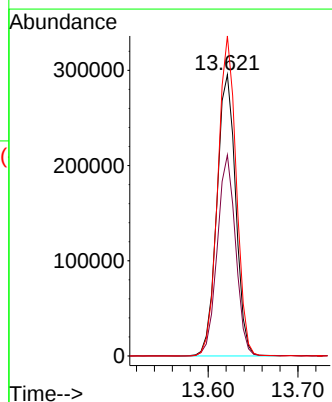
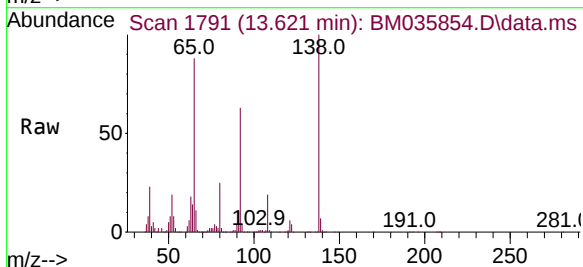
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

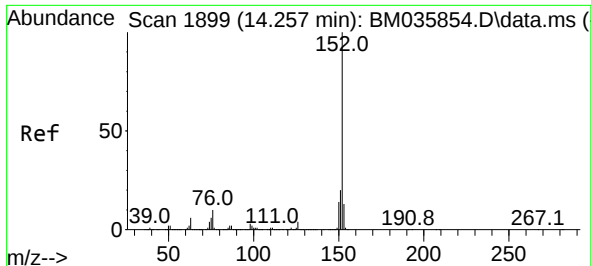
Tgt Ion:162 Resp: 1545447  
Ion Ratio Lower Upper  
162 100  
127 38.9 30.6 45.8  
164 32.5 26.6 39.8



#48  
2-Nitroaniline  
Concen: 51.072 ng  
RT: 13.621 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion: 65 Resp: 429859  
Ion Ratio Lower Upper  
65 100  
92 71.5 53.7 80.5  
138 113.8 83.9 125.9

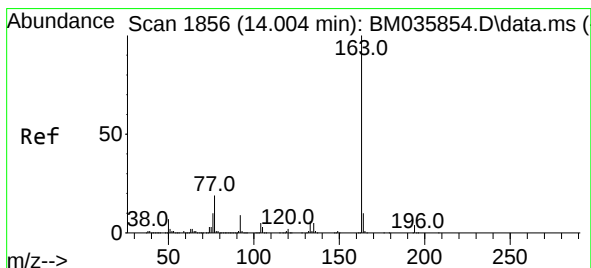
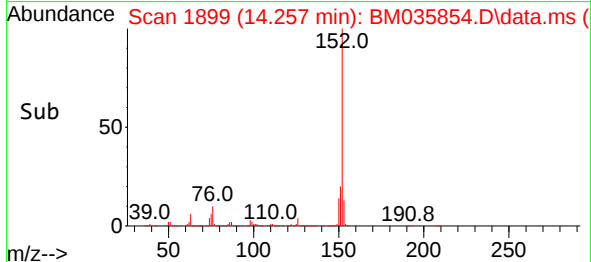
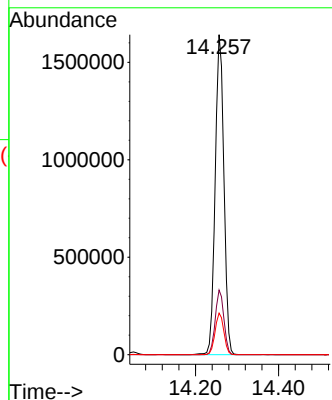
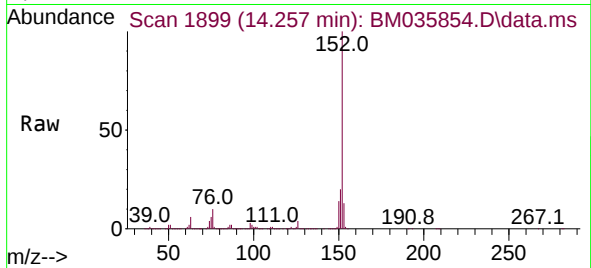




#49  
Acenaphthylene  
Concen: 42.892 ng  
RT: 14.257 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

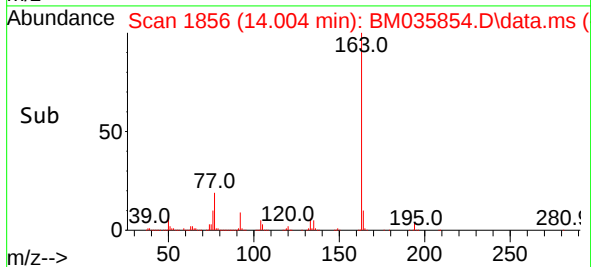
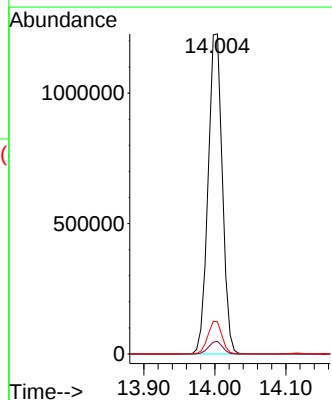
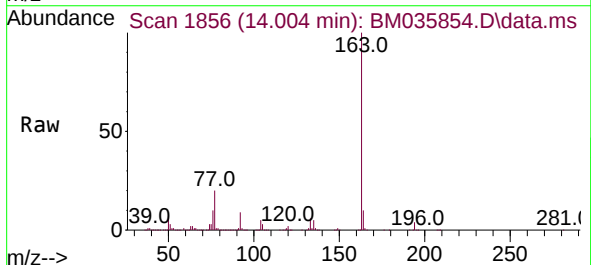
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BNA\_M  
ClientSampleId :  
SSTDICCC040

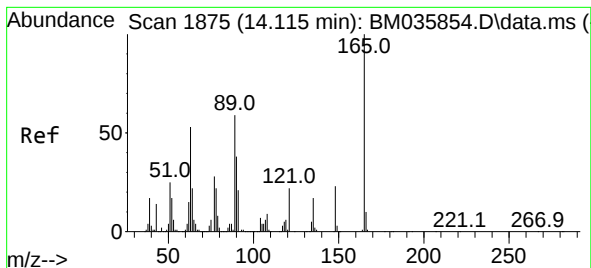
Tgt Ion:152 Resp: 2385449  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.2  
153 13.0 10.5 15.7



#50  
Dimethylphthalate  
Concen: 41.954 ng  
RT: 14.004 min Scan# 1856  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:163 Resp: 1710984  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.4  
164 10.1 8.4 12.6

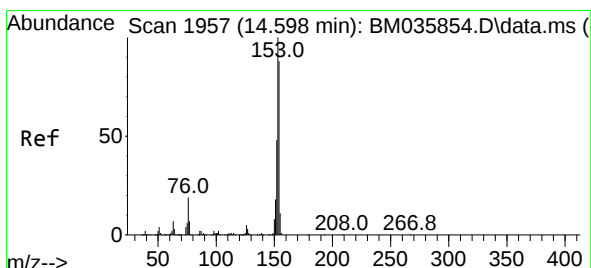
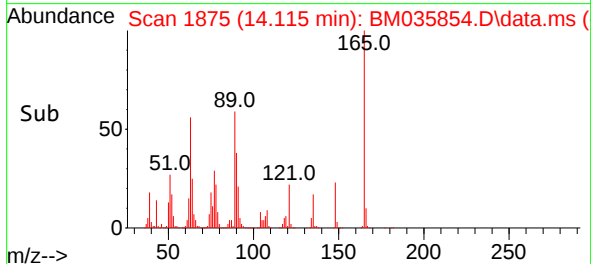
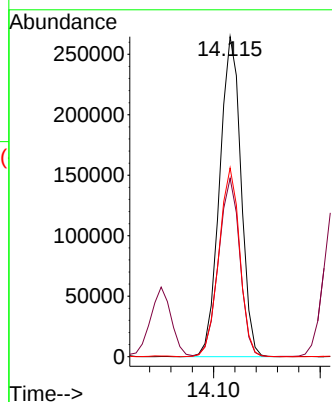
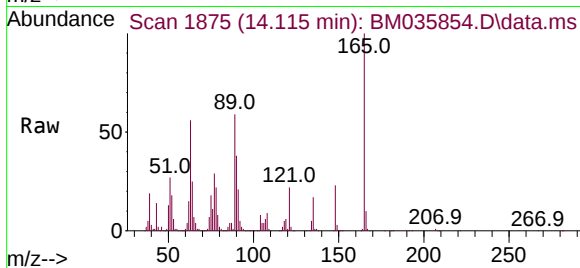




#51  
2,6-Dinitrotoluene  
Concen: 45.617 ng  
RT: 14.115 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

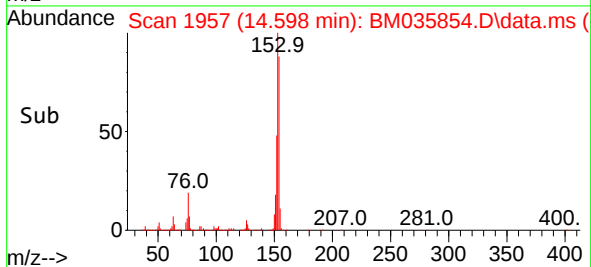
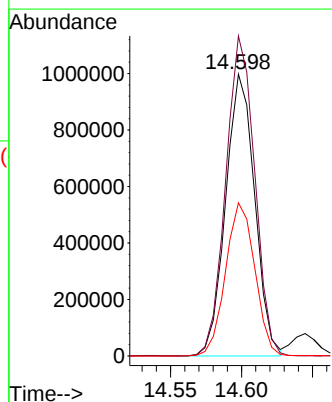
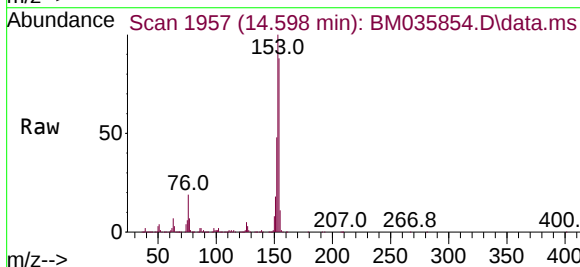
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

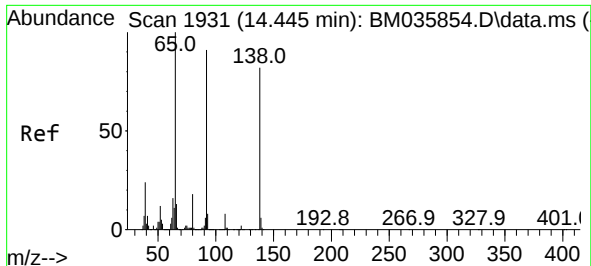
Tgt Ion:165 Resp: 367578  
Ion Ratio Lower Upper  
165 100  
63 55.8 50.2 75.2  
89 59.0 48.4 72.6



#52  
Acenaphthene  
Concen: 41.819 ng  
RT: 14.598 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:154 Resp: 1419486  
Ion Ratio Lower Upper  
154 100  
153 113.6 91.0 136.6  
152 54.3 43.4 65.2

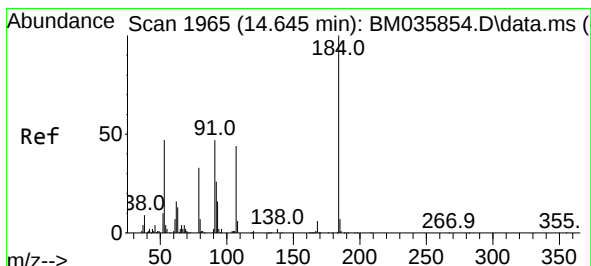
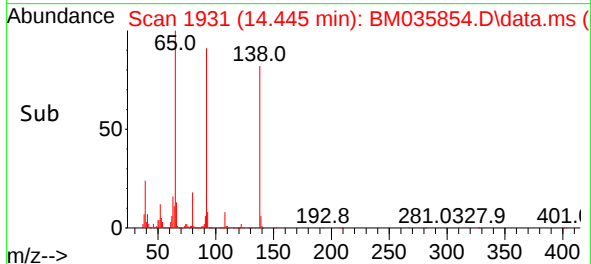
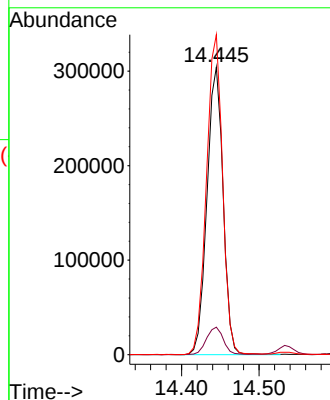
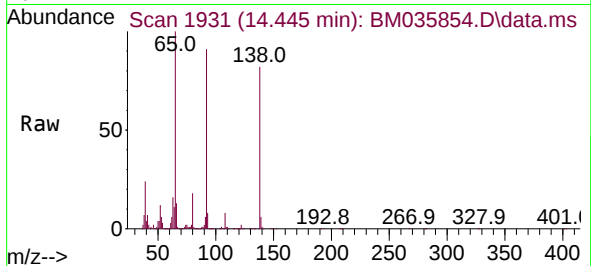




#53  
3-Nitroaniline  
Concen: 46.203 ng  
RT: 14.445 min Scan# 1931  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

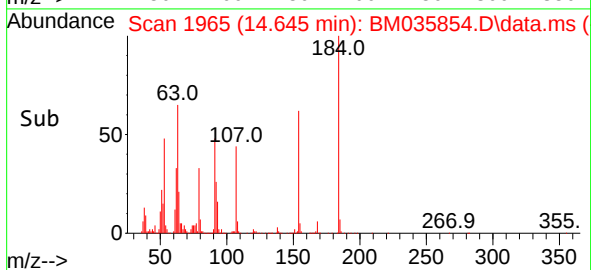
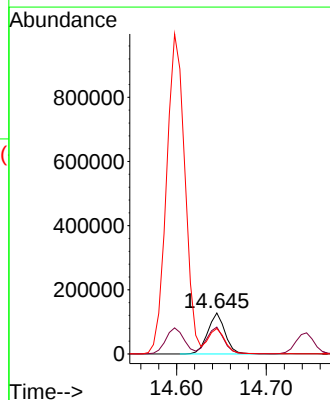
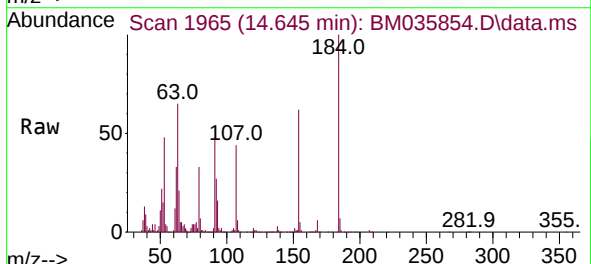
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ClientSampleId :  
SSTDICCC040

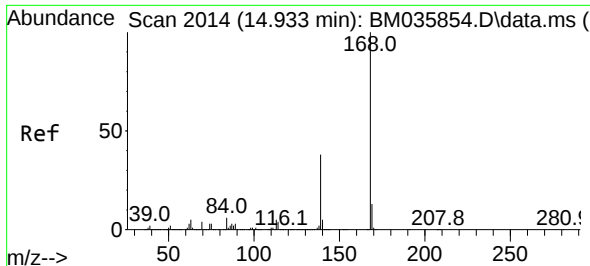
Tgt Ion:138 Resp: 439167  
Ion Ratio Lower Upper  
138 100  
108 9.6 8.7 13.1  
92 111.3 91.5 137.3



#54  
2,4-Dinitrophenol  
Concen: 55.666 ng  
RT: 14.645 min Scan# 1965  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:184 Resp: 170677  
Ion Ratio Lower Upper  
184 100  
63 65.5 59.5 89.3  
154 61.9 55.6 83.4

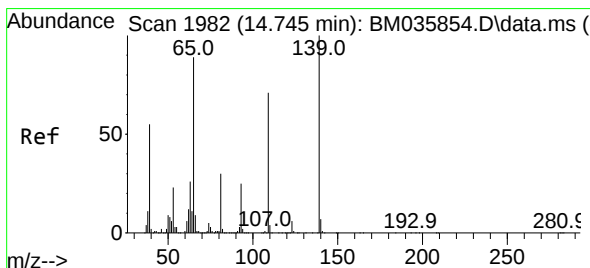
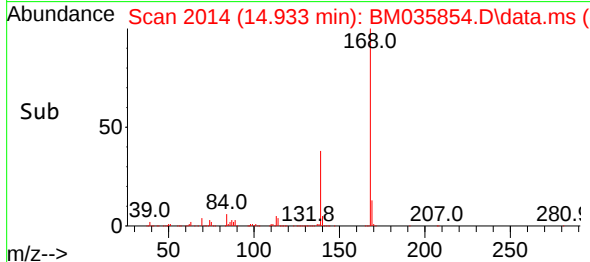
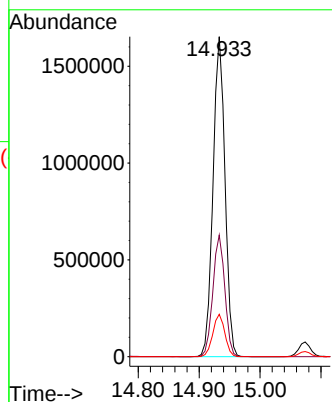
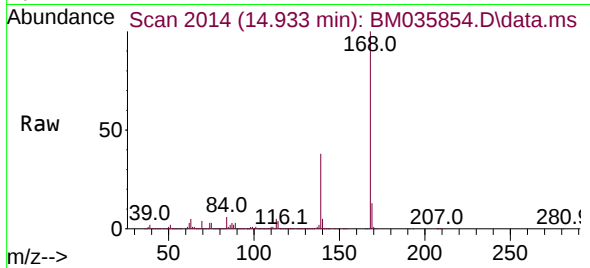




#55  
Dibenzofuran  
Concen: 41.155 ng  
RT: 14.933 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

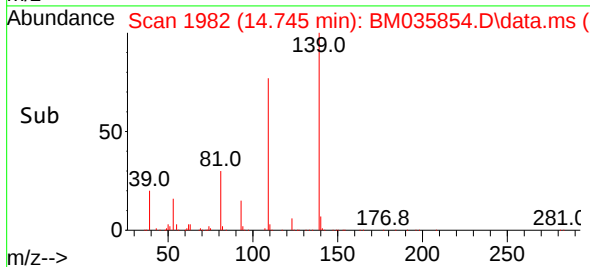
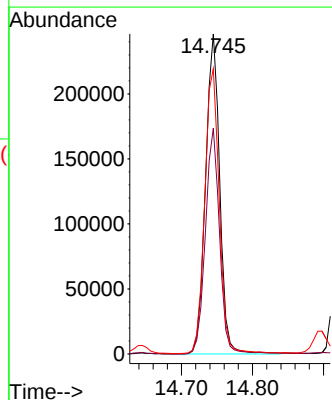
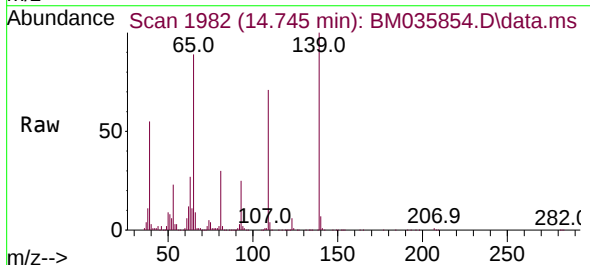
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

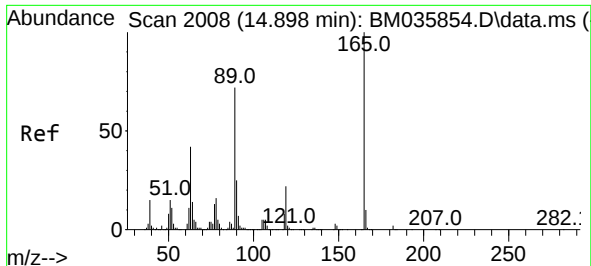
Tgt Ion:168 Resp: 2259044  
Ion Ratio Lower Upper  
168 100  
139 38.0 32.2 48.2  
169 13.2 10.6 16.0



#56  
4-Nitrophenol  
Concen: 46.264 ng  
RT: 14.745 min Scan# 1982  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:139 Resp: 341708  
Ion Ratio Lower Upper  
139 100  
109 70.6 62.5 102.5  
65 89.1 83.5 123.5

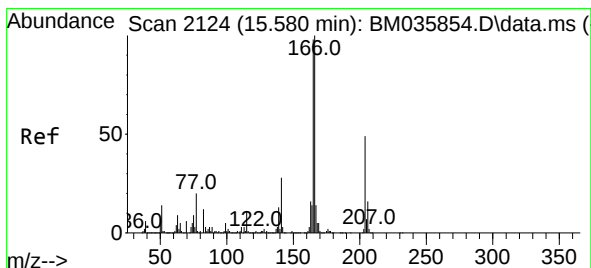
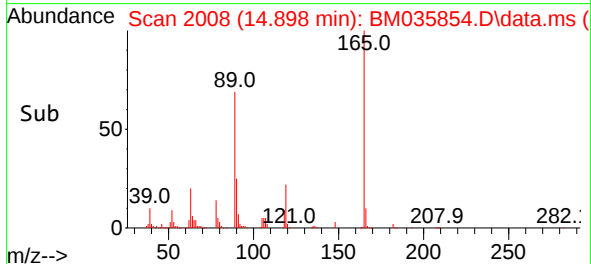
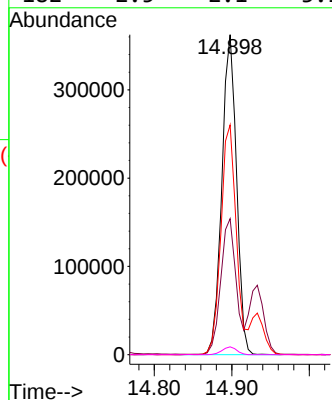
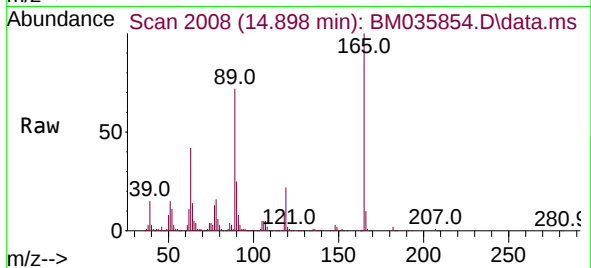




#57  
2,4-Dinitrotoluene  
Concen: 46.754 ng  
RT: 14.898 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

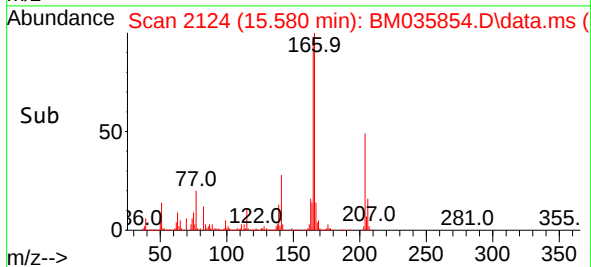
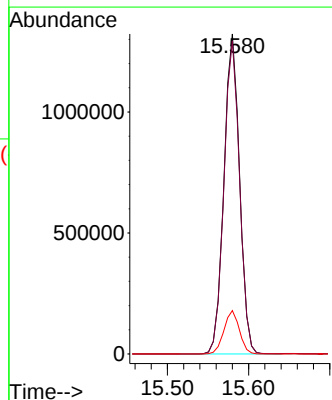
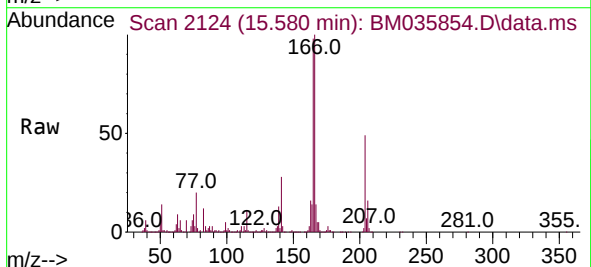
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

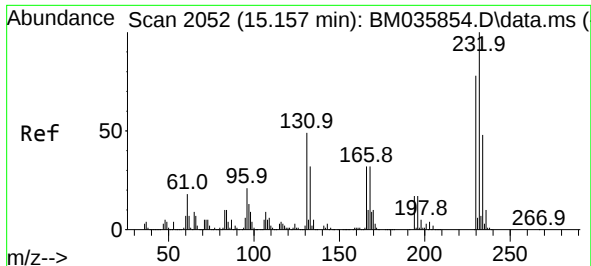
Tgt Ion:165 Resp: 477113  
Ion Ratio Lower Upper  
165 100  
63 42.5 35.6 53.4  
89 71.8 57.3 85.9  
182 2.5 2.1 3.1



#58  
Fluorene  
Concen: 40.662 ng  
RT: 15.580 min Scan# 2124  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:166 Resp: 1770845  
Ion Ratio Lower Upper  
166 100  
165 97.9 79.4 119.2  
167 13.5 10.6 16.0

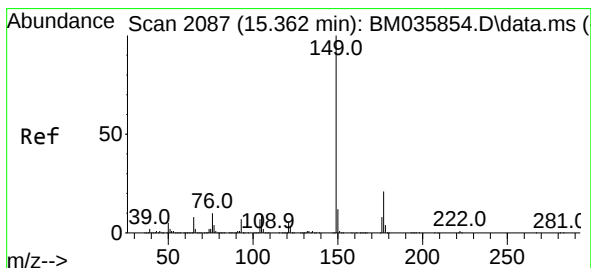
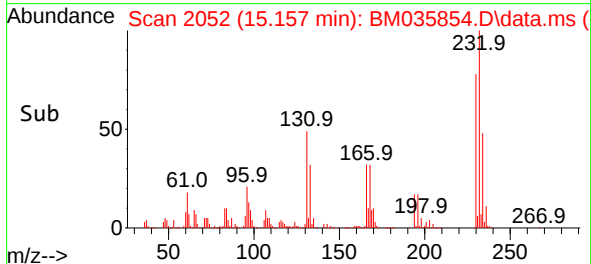
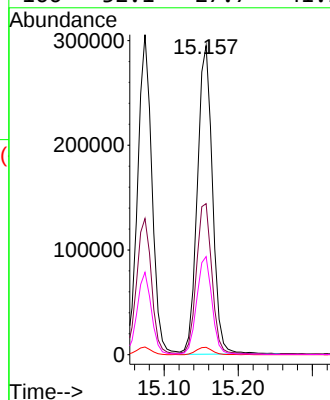
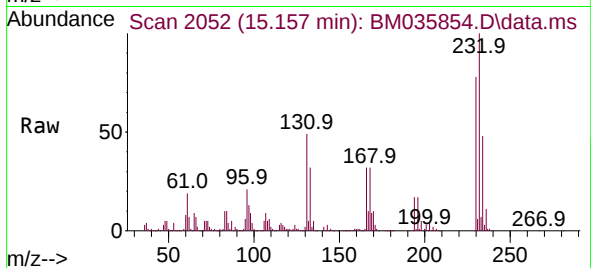




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.293 ng  
RT: 15.157 min Scan# 2052  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

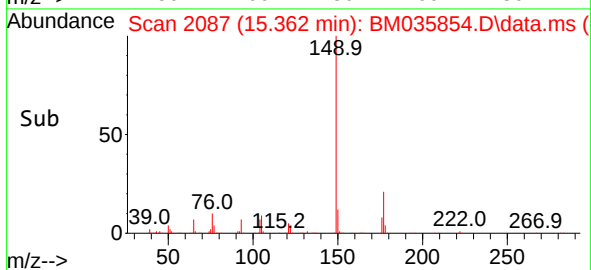
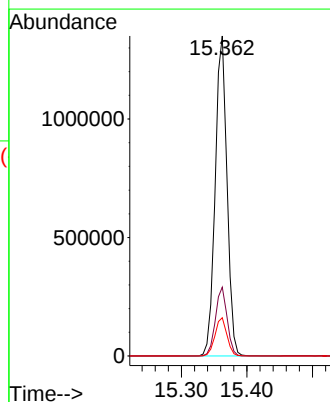
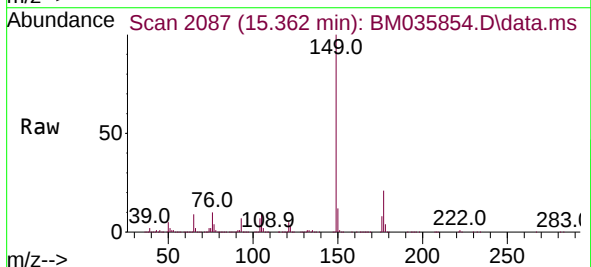
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

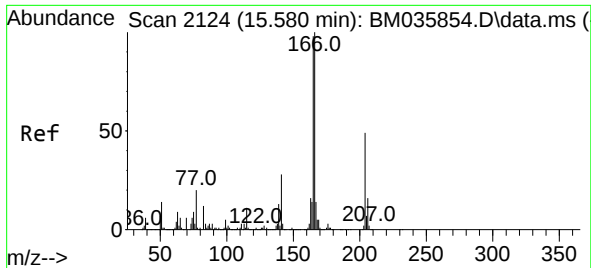
Tgt Ion:232 Resp: 418063  
Ion Ratio Lower Upper  
232 100  
131 50.6 41.0 61.6  
130 2.6 2.3 3.5  
166 32.1 27.7 41.5



#60  
Diethylphthalate  
Concen: 41.984 ng  
RT: 15.362 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:149 Resp: 1684566  
Ion Ratio Lower Upper  
149 100  
177 21.5 16.9 25.3  
150 12.0 10.1 15.1

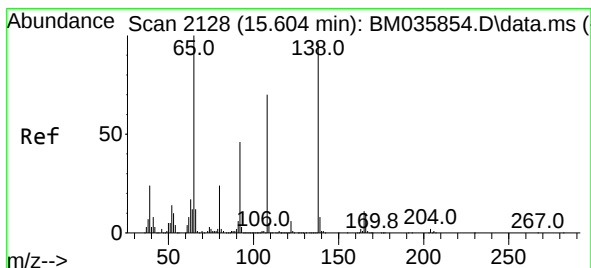
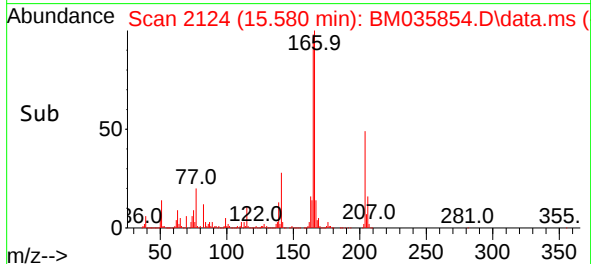
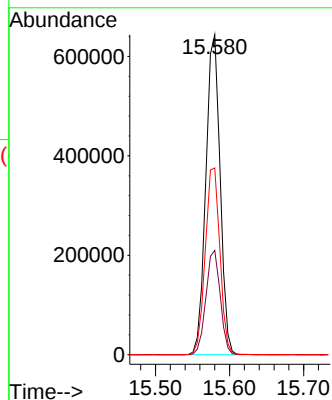
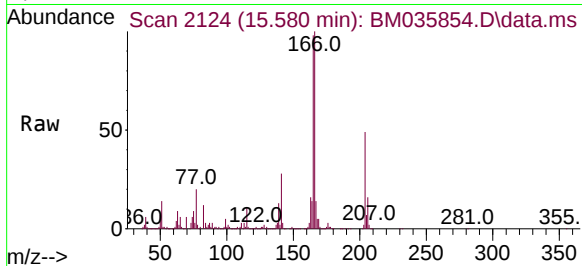




#61  
4-Chlorophenyl-phenylether  
Concen: 39.870 ng  
RT: 15.580 min Scan# 2124  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

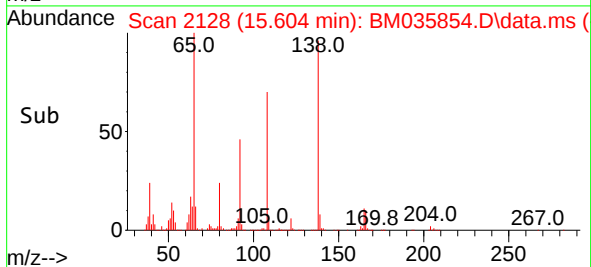
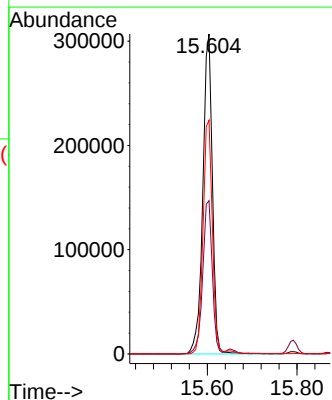
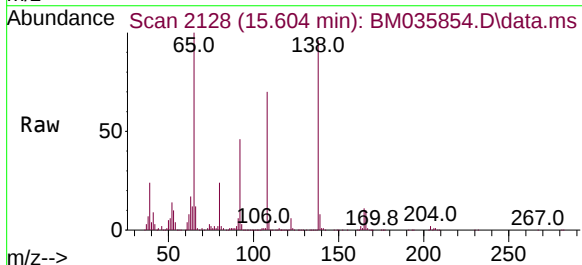
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

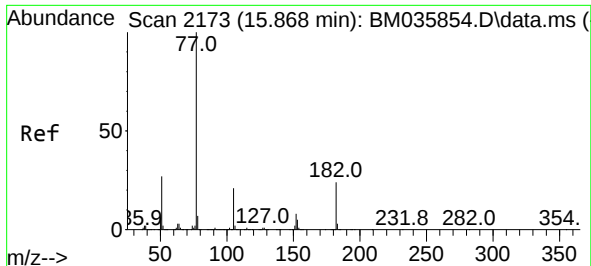
Tgt Ion:204 Resp: 862073  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.3 39.5  
141 58.3 51.2 76.8



#62  
4-Nitroaniline  
Concen: 46.278 ng  
RT: 15.604 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:138 Resp: 453532  
Ion Ratio Lower Upper  
138 100  
92 47.9 30.8 70.8  
108 73.0 65.7 105.7

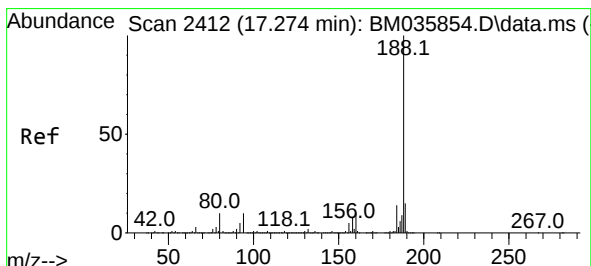
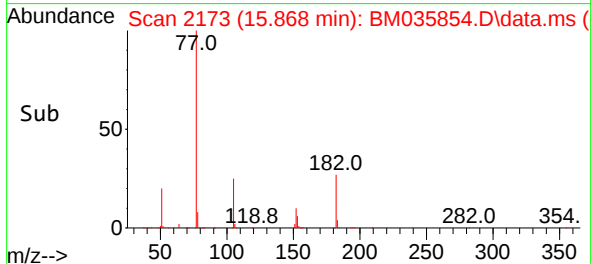
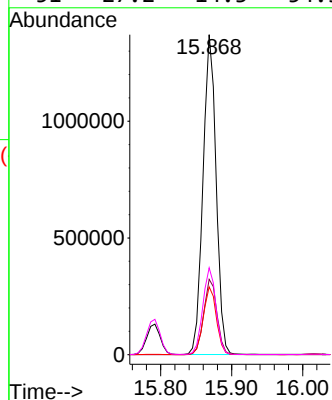
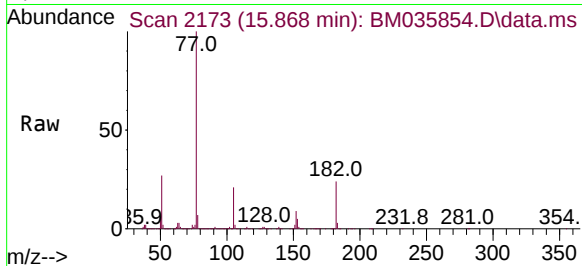




#63  
Azobenzene  
Concen: 42.392 ng  
RT: 15.868 min Scan# 2173  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

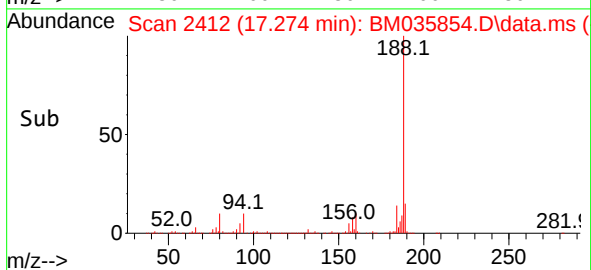
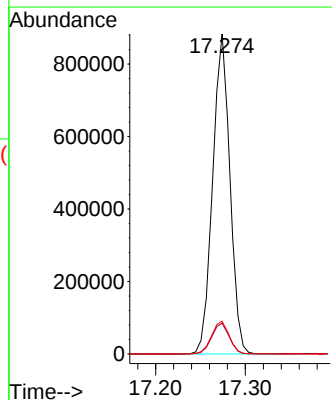
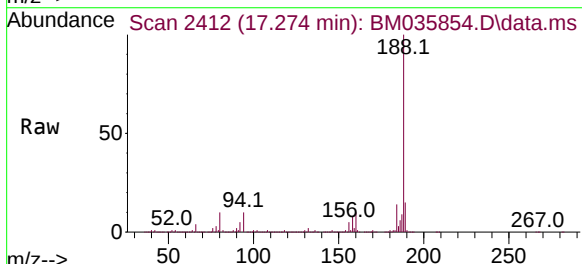
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

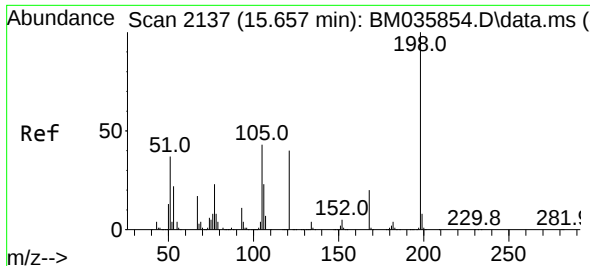
Tgt Ion: 77 Resp: 1762759  
Ion Ratio Lower Upper  
77 100  
182 23.5 4.9 44.9  
105 21.2 0.0 39.6  
51 27.2 14.3 54.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.274 min Scan# 2412  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion: 188 Resp: 1177891  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.0 10.4  
80 10.2 7.6 11.4

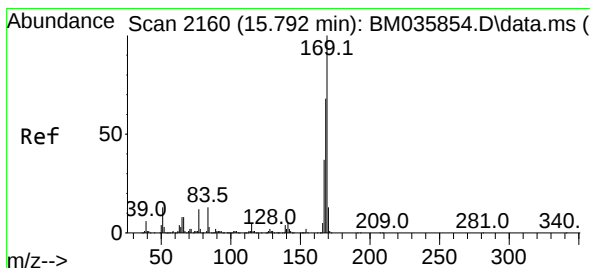
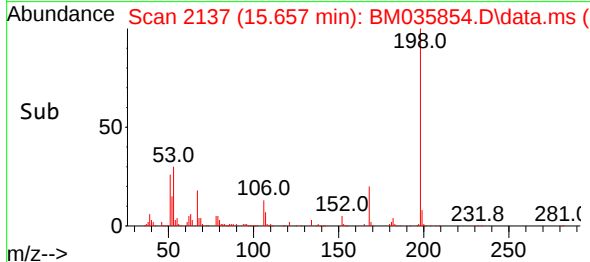
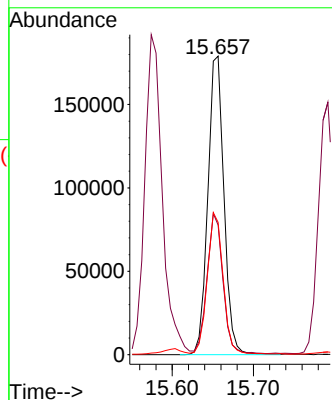
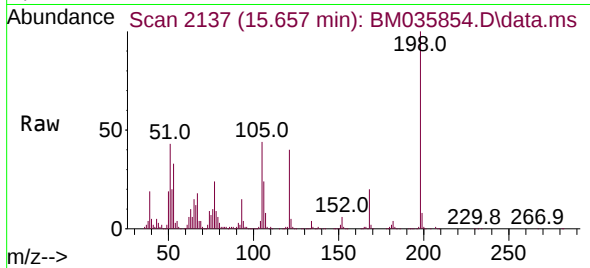




#65  
4,6-Dinitro-2-methylphenol  
Concen: 55.561 ng  
RT: 15.657 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

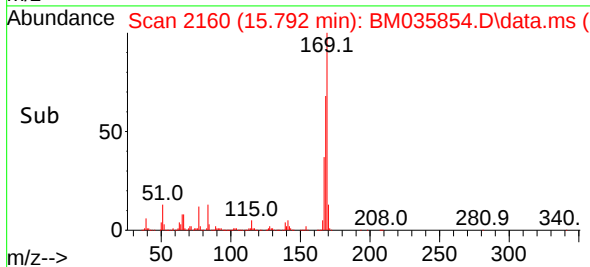
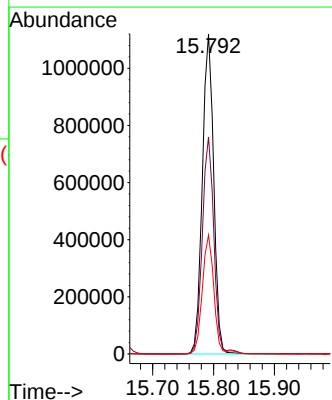
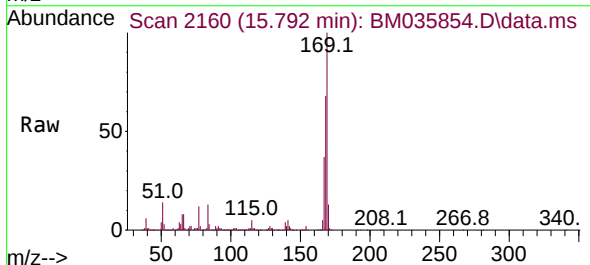
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

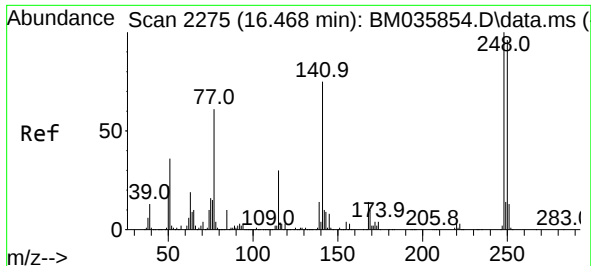
Tgt Ion:198 Resp: 246358  
Ion Ratio Lower Upper  
198 100  
51 43.4 29.0 69.0  
105 44.3 22.1 62.1



#66  
n-Nitrosodiphenylamine  
Concen: 43.109 ng  
RT: 15.792 min Scan# 2160  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:169 Resp: 1451997  
Ion Ratio Lower Upper  
169 100  
168 67.8 54.3 81.5  
167 37.2 29.4 44.0

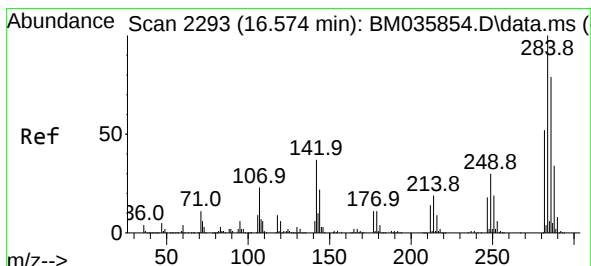
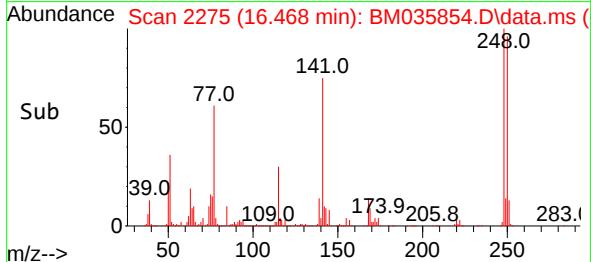
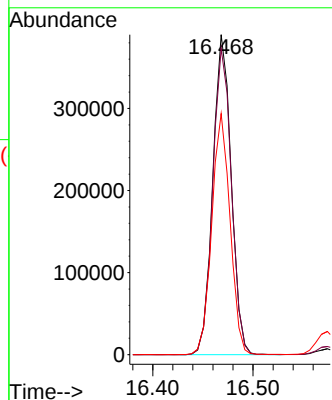
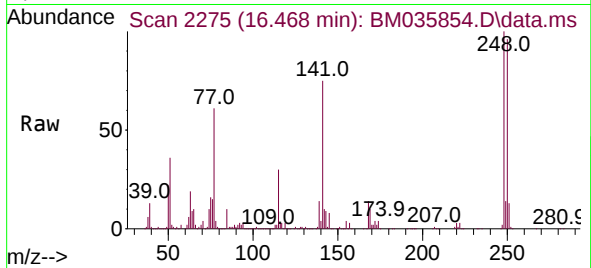




#67  
4-Bromophenyl-phenylether  
Concen: 42.526 ng  
RT: 16.468 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

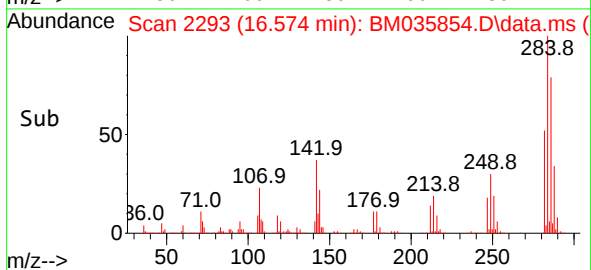
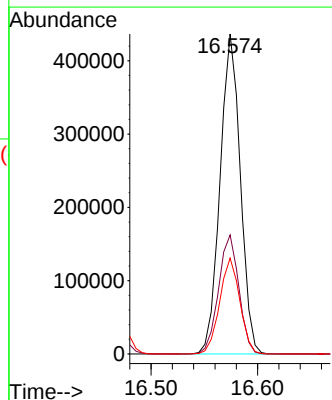
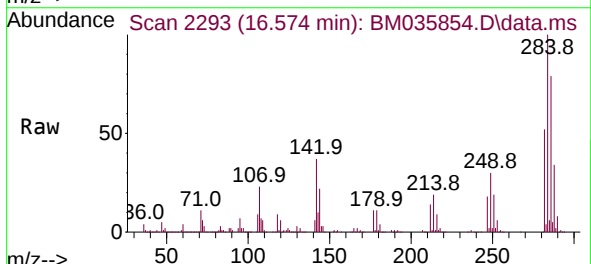
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

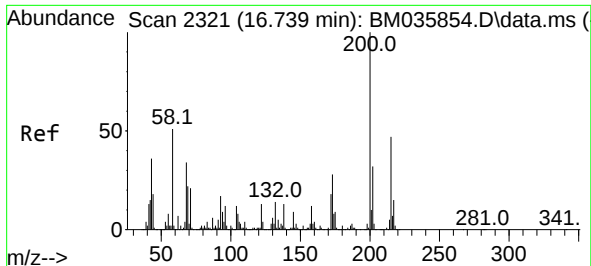
Tgt Ion:248 Resp: 496075  
Ion Ratio Lower Upper  
248 100  
250 95.7 78.0 117.0  
141 75.3 66.0 99.0



#68  
Hexachlorobenzene  
Concen: 41.725 ng  
RT: 16.574 min Scan# 2293  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:284 Resp: 574864  
Ion Ratio Lower Upper  
284 100  
142 37.2 33.6 50.4  
249 29.9 26.2 39.2

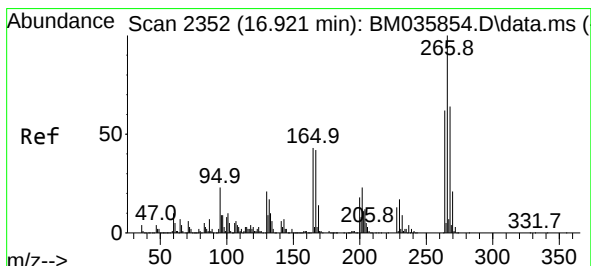
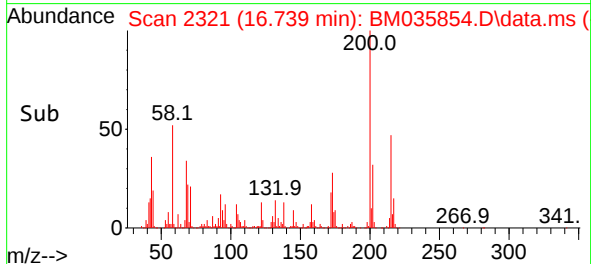
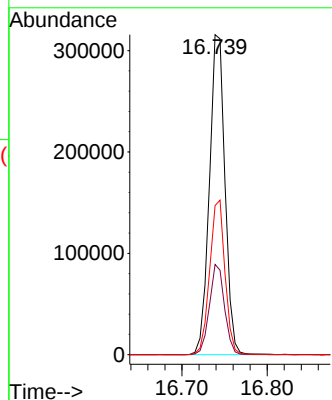
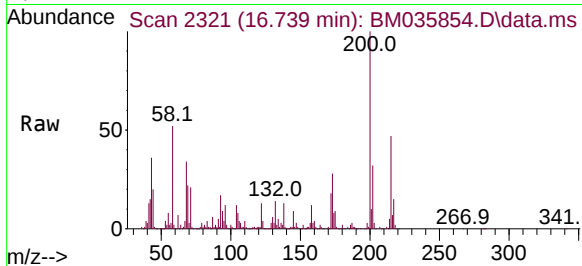




#69  
 Atrazine  
 Concen: 46.147 ng  
 RT: 16.739 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM035854.D  
 Acq: 18 Jul 2022 14:30

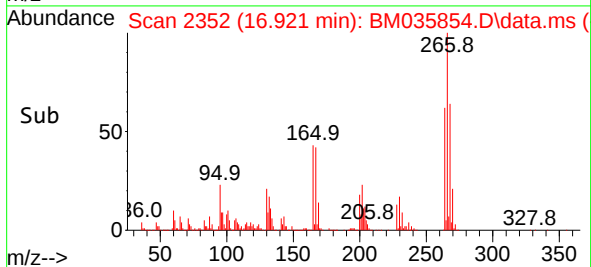
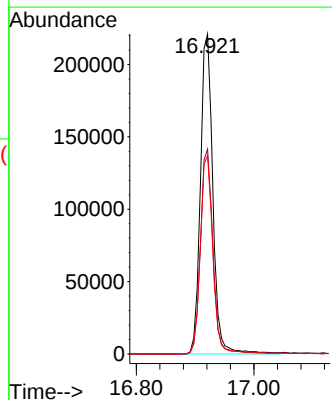
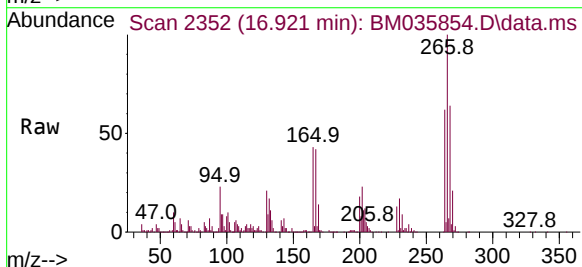
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

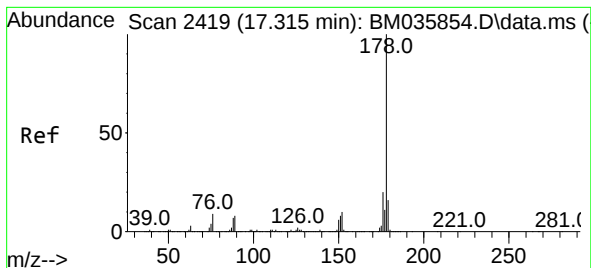
Tgt Ion:200 Resp: 401616  
 Ion Ratio Lower Upper  
 200 100  
 173 28.2 6.6 46.6  
 215 46.6 26.2 66.2



#70  
 Pentachlorophenol  
 Concen: 45.567 ng  
 RT: 16.921 min Scan# 2352  
 Delta R.T. 0.000 min  
 Lab File: BM035854.D  
 Acq: 18 Jul 2022 14:30

Tgt Ion:266 Resp: 324335  
 Ion Ratio Lower Upper  
 266 100  
 268 64.0 51.9 77.9  
 264 61.9 50.6 76.0





#71

Phenanthrene

Concen: 41.538 ng

RT: 17.315 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

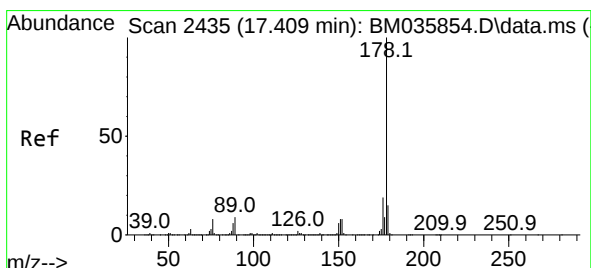
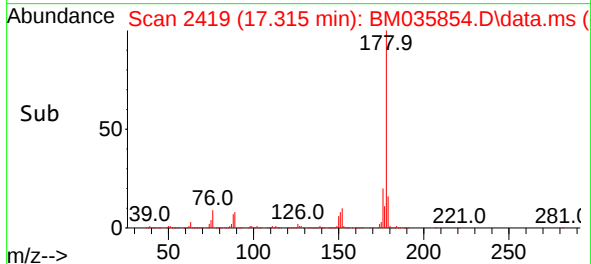
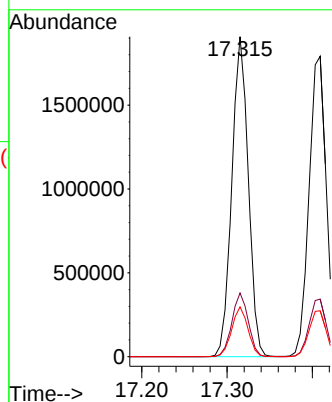
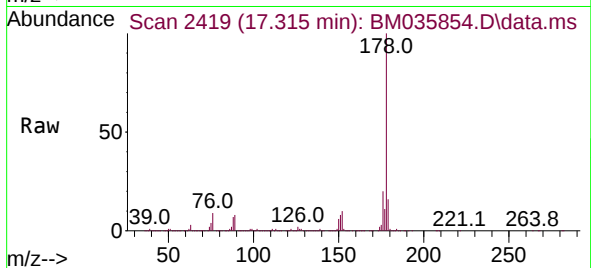
Tgt Ion:178 Resp: 2570259

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

179 15.5 12.4 18.6



#72

Anthracene

Concen: 42.384 ng

RT: 17.409 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

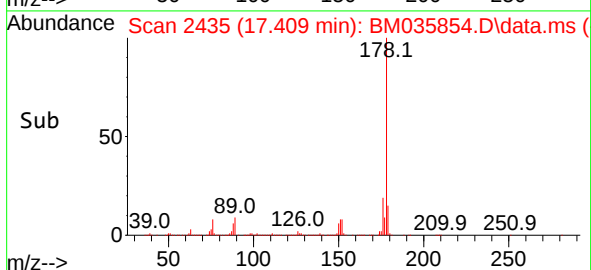
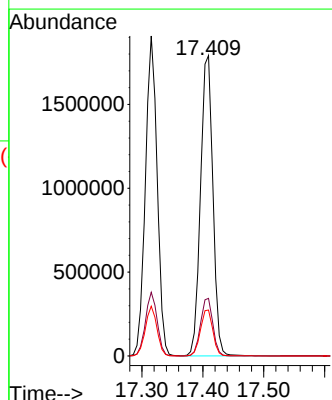
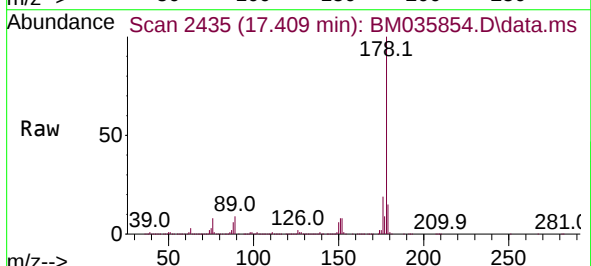
Tgt Ion:178 Resp: 2523036

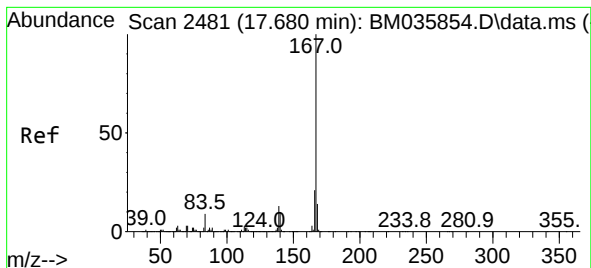
Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

179 15.3 12.2 18.2





#73

Carbazole

Concen: 42.547 ng

RT: 17.680 min Scan# 2481

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Instrument :

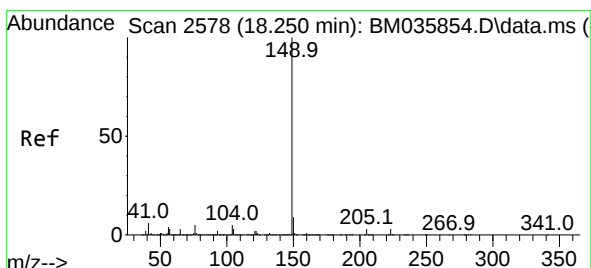
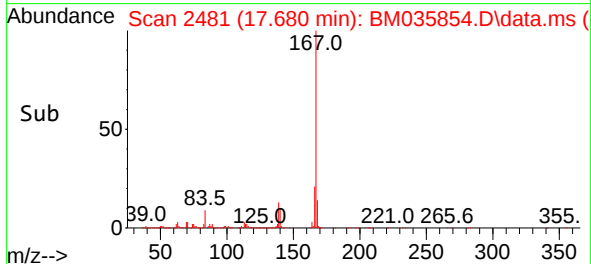
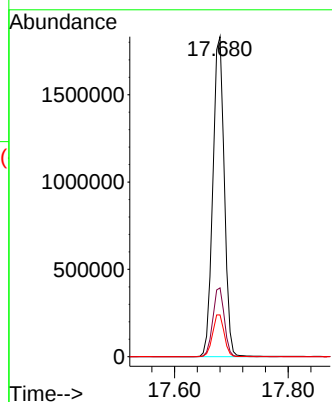
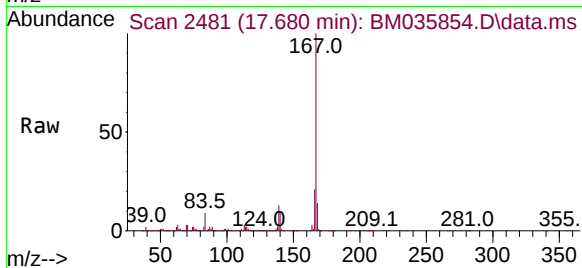
BNA\_M

ClientSampleId :

SSTDICCC040

Tgt Ion:167 Resp: 2548064

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.5  | 17.8  | 26.8  |
| 139 | 13.0  | 10.9  | 16.3  |



#74

Di-n-butylphthalate

Concen: 44.024 ng

RT: 18.250 min Scan# 2578

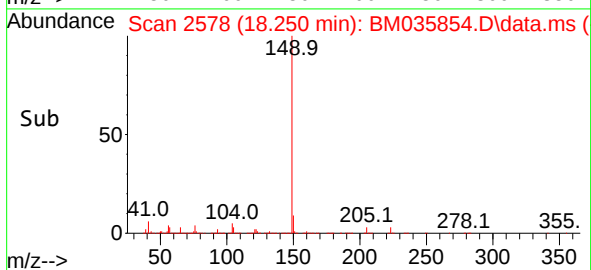
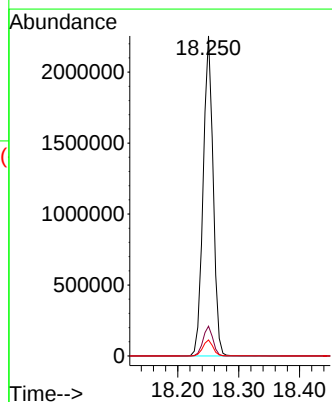
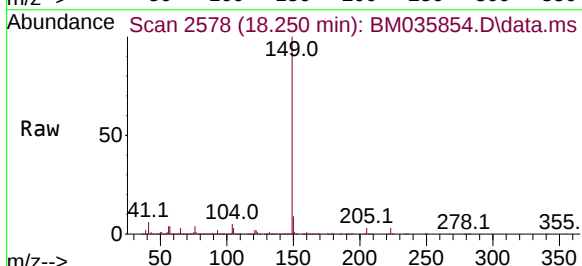
Delta R.T. 0.000 min

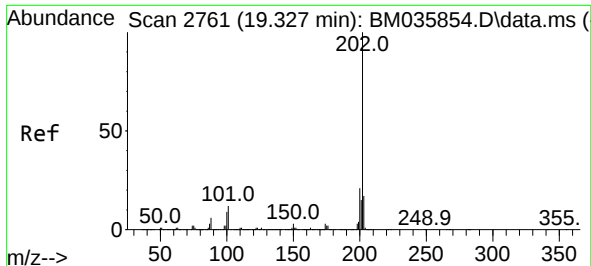
Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Tgt Ion:149 Resp: 2565116

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.3   | 10.9  |
| 104 | 5.0   | 4.3   | 6.5   |

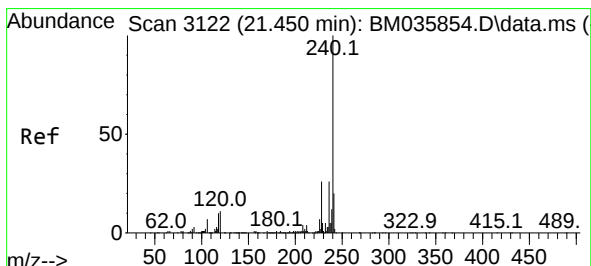
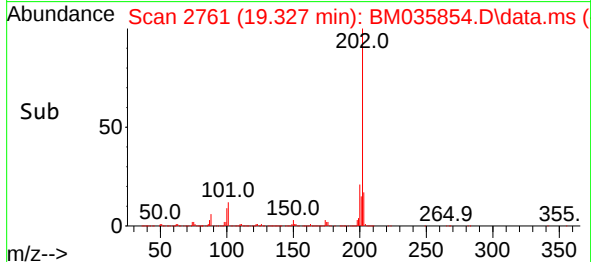
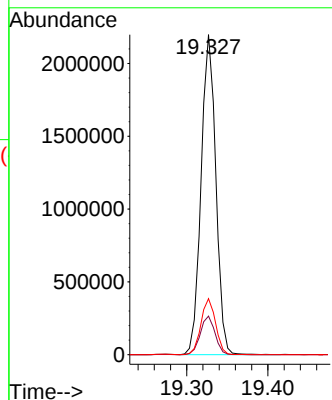
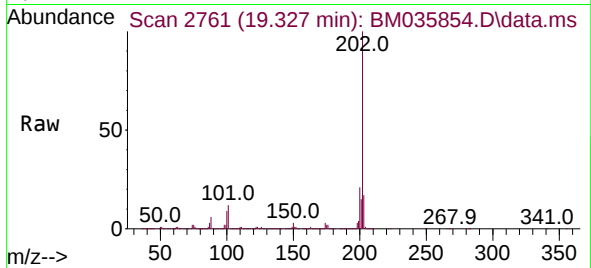




#75  
Fluoranthene  
Concen: 40.022 ng  
RT: 19.327 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

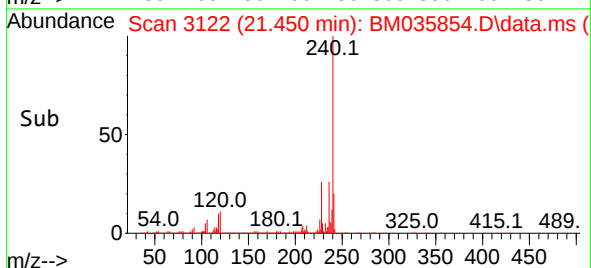
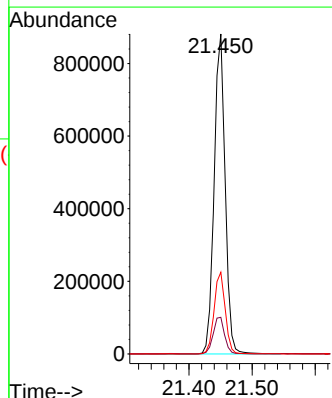
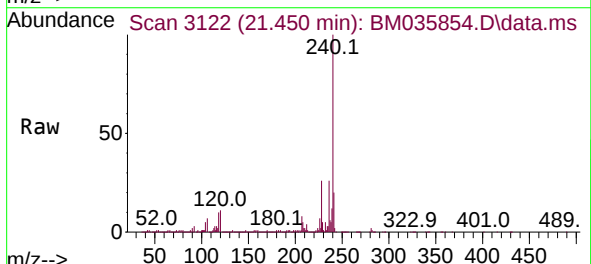
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

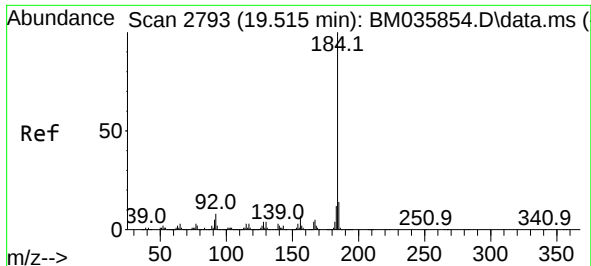
Tgt Ion:202 Resp: 2769539  
Ion Ratio Lower Upper  
202 100  
101 12.1 0.0 30.6  
203 17.5 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.450 min Scan# 3122  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:240 Resp: 1064816  
Ion Ratio Lower Upper  
240 100  
120 11.5 9.4 14.0  
236 25.6 20.6 30.8

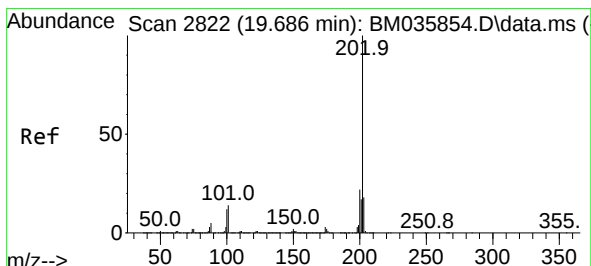
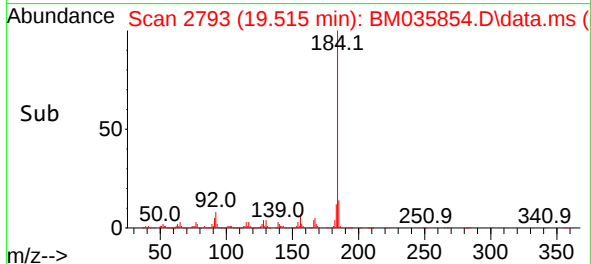
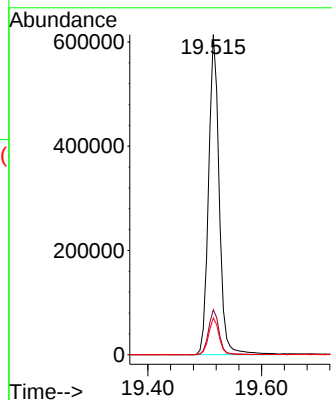
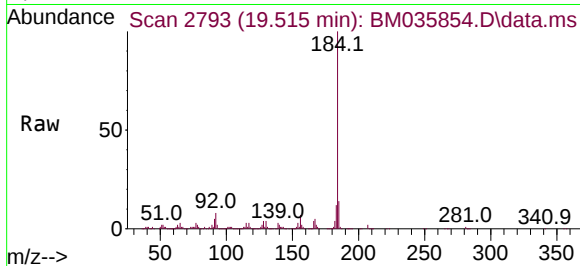




#77  
Benzidine  
Concen: 53.174 ng  
RT: 19.515 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

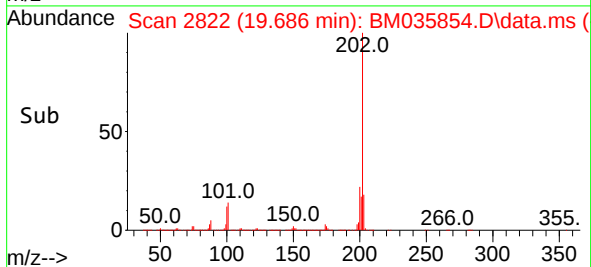
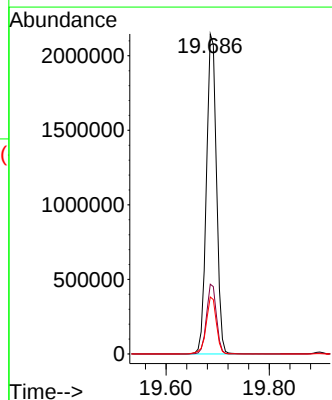
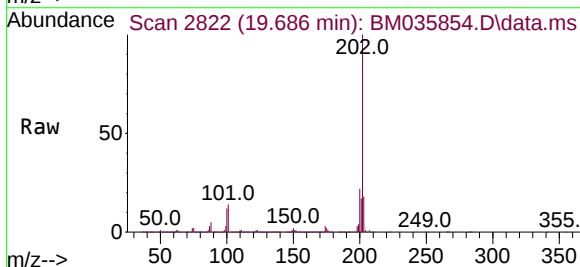
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

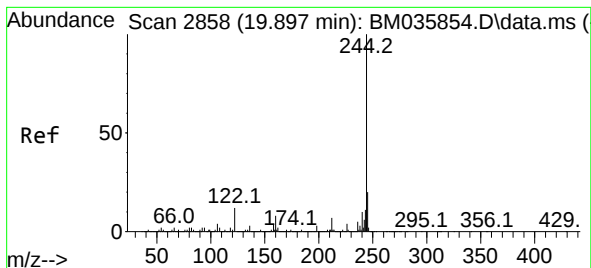
Tgt Ion:184 Resp: 792674  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.3 16.9  
183 11.5 9.5 14.3



#78  
Pyrene  
Concen: 43.227 ng  
RT: 19.686 min Scan# 2822  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:202 Resp: 2890567  
Ion Ratio Lower Upper  
202 100  
200 21.8 16.7 25.1  
203 17.8 13.9 20.9





#79

Terphenyl-d14

Concen: 83.938 ng

RT: 19.897 min Scan# 2858

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

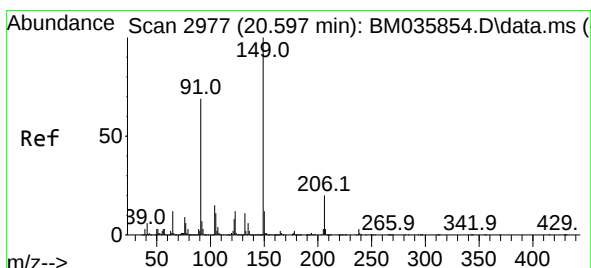
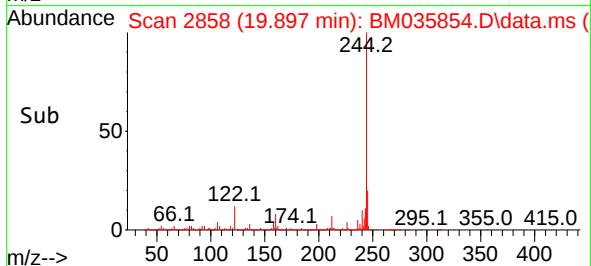
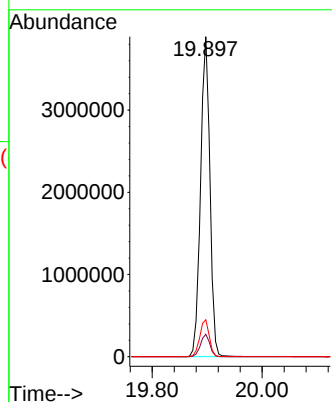
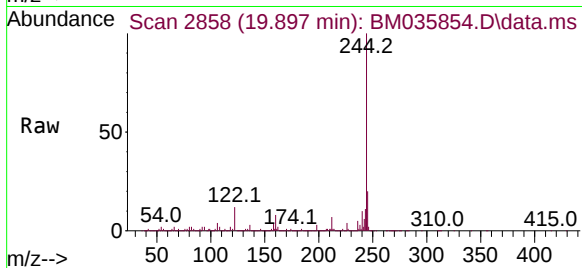
Tgt Ion:244 Resp: 4604319

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.4

122 11.6 8.3 12.5



#80

Butylbenzylphthalate

Concen: 49.944 ng

RT: 20.597 min Scan# 2977

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

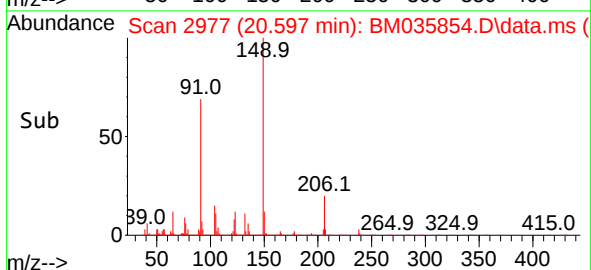
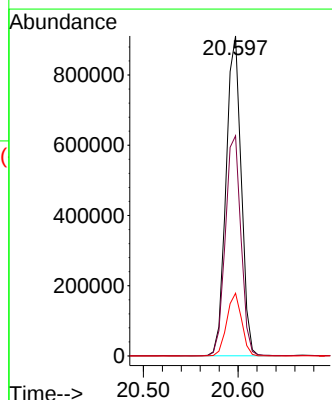
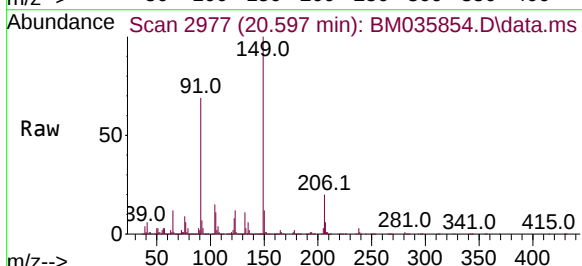
Tgt Ion:149 Resp: 1016706

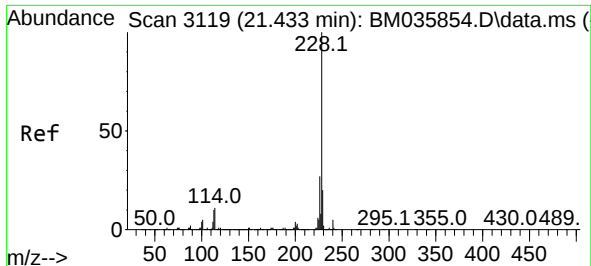
Ion Ratio Lower Upper

149 100

91 68.8 56.6 85.0

206 19.6 15.4 23.0

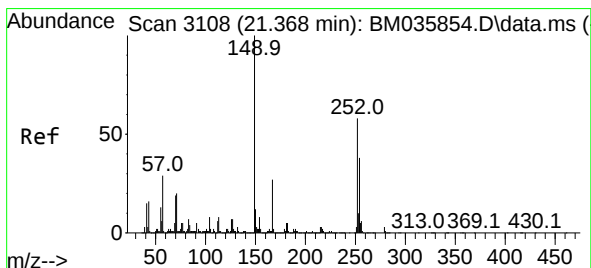
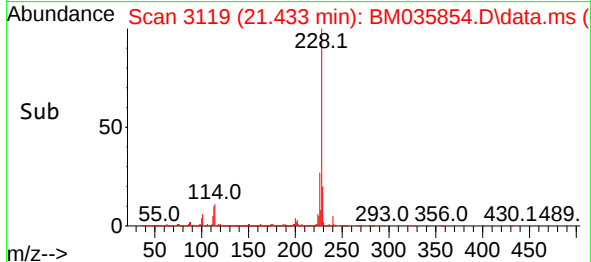
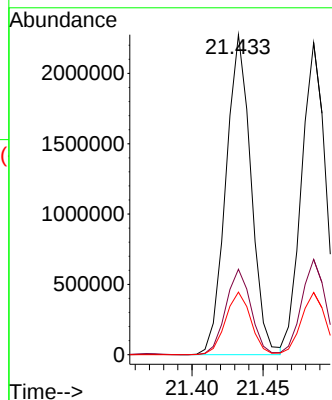
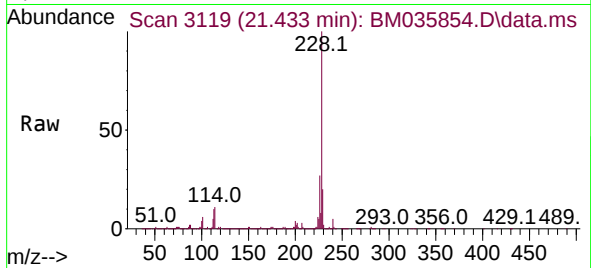




#81  
Benzo(a)anthracene  
Concen: 41.869 ng  
RT: 21.433 min Scan# 3119  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

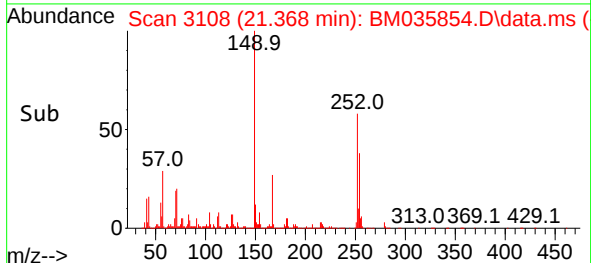
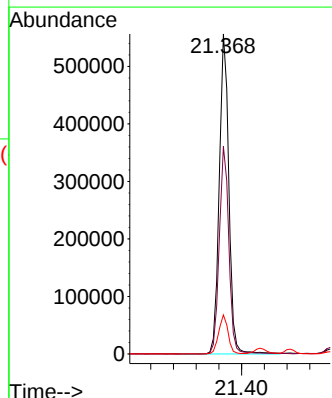
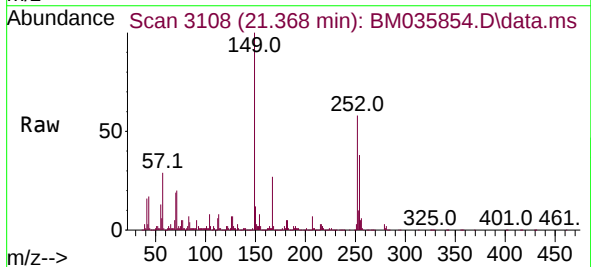
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

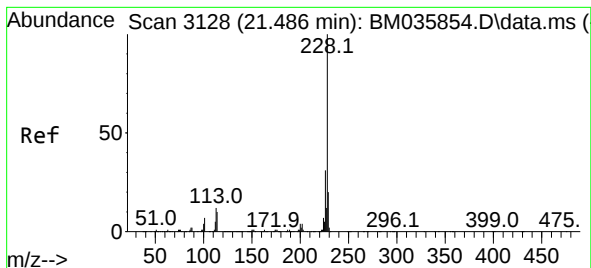
Tgt Ion:228 Resp: 2796755  
Ion Ratio Lower Upper  
228 100  
226 26.7 22.3 33.5  
229 19.6 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 47.975 ng  
RT: 21.368 min Scan# 3108  
Delta R.T. 0.000 min  
Lab File: BM035854.D  
Acq: 18 Jul 2022 14:30

Tgt Ion:252 Resp: 649687  
Ion Ratio Lower Upper  
252 100  
254 64.8 51.7 77.5  
126 12.2 9.4 14.0





#83

Chrysene

Concen: 41.191 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

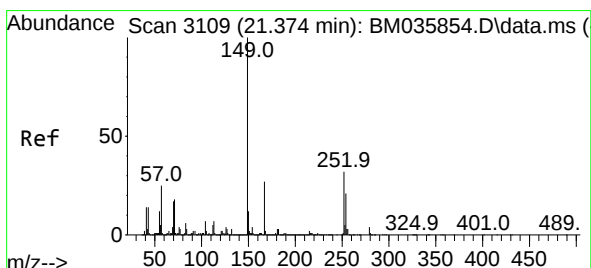
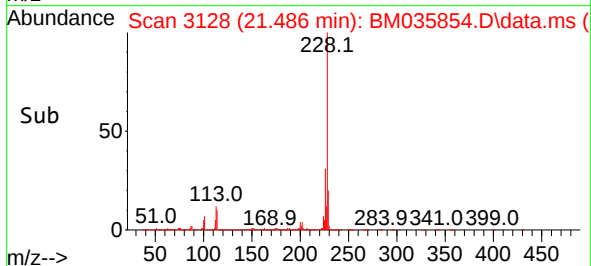
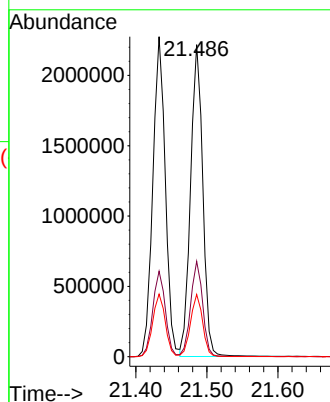
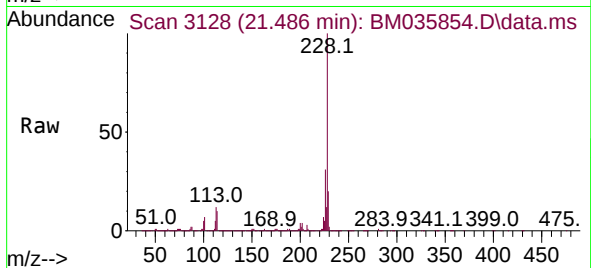
Tgt Ion:228 Resp: 2656463

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.588 ng

RT: 21.374 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

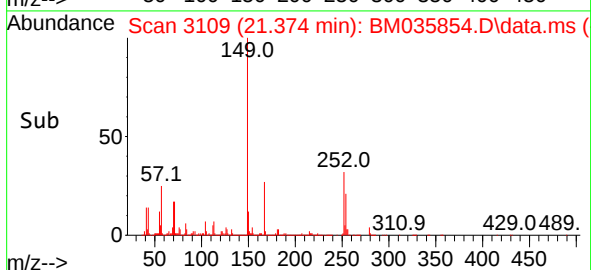
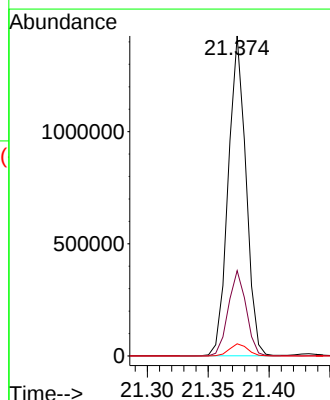
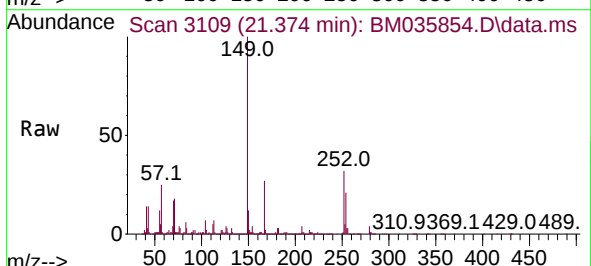
Tgt Ion:149 Resp: 1443007

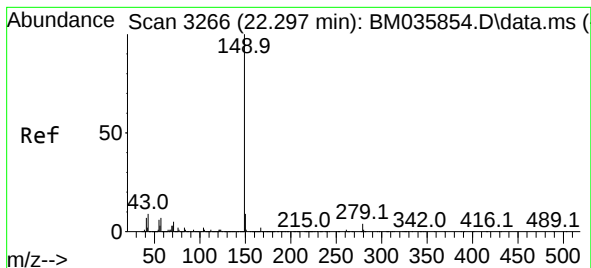
Ion Ratio Lower Upper

149 100

167 26.6 21.1 31.7

279 3.8 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 43.782 ng

RT: 22.297 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

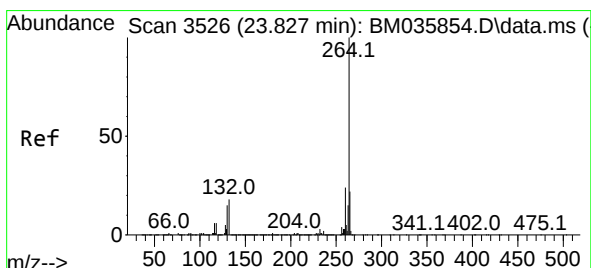
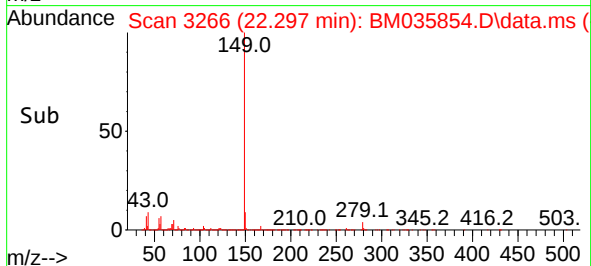
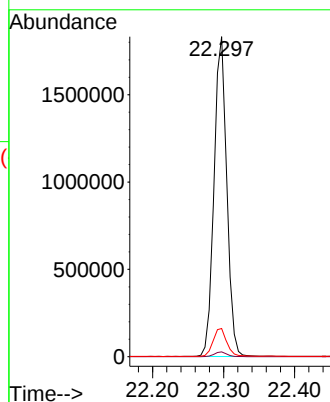
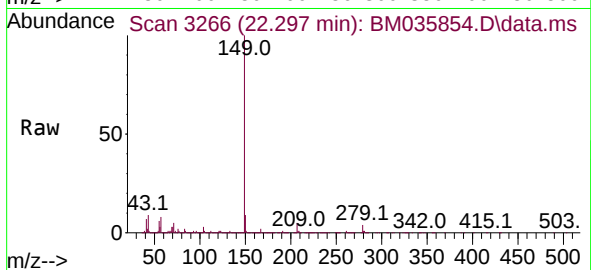
Tgt Ion:149 Resp: 2281594

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.5 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

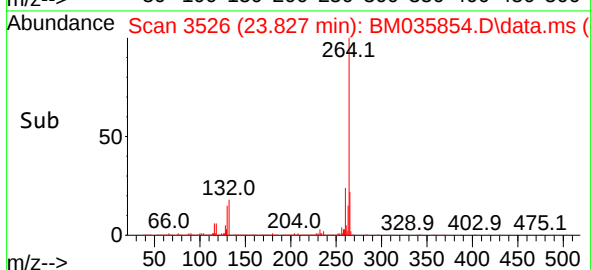
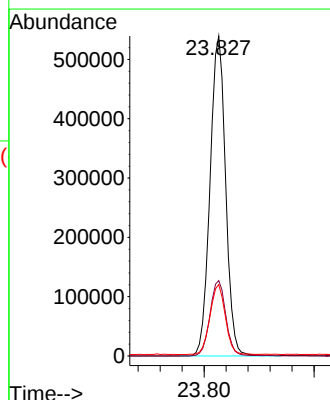
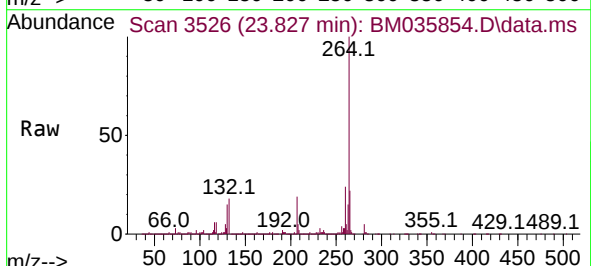
Tgt Ion:264 Resp: 1063048

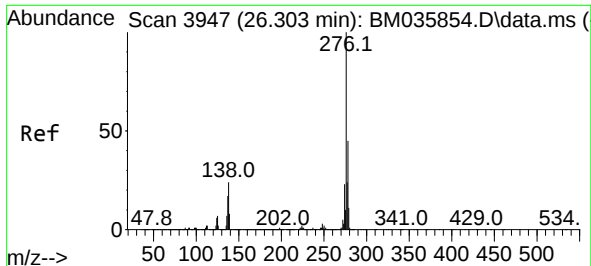
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.3 17.5 26.3

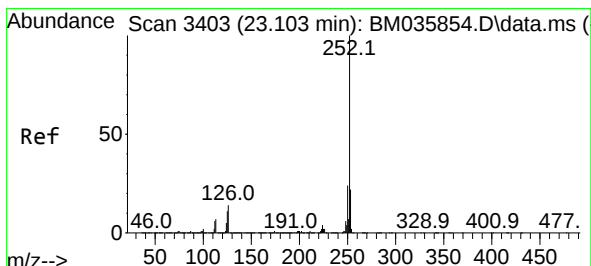
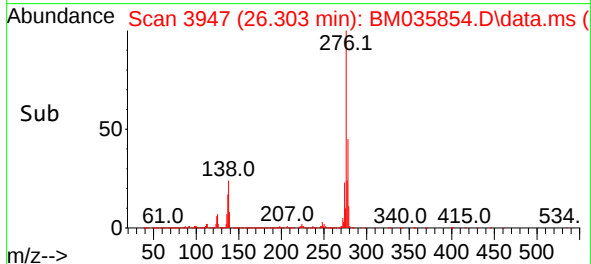
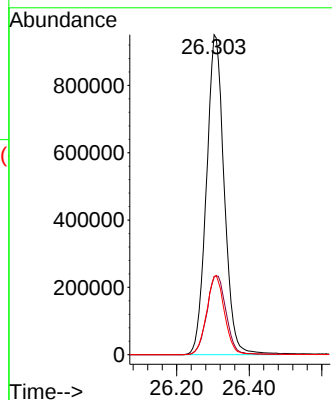
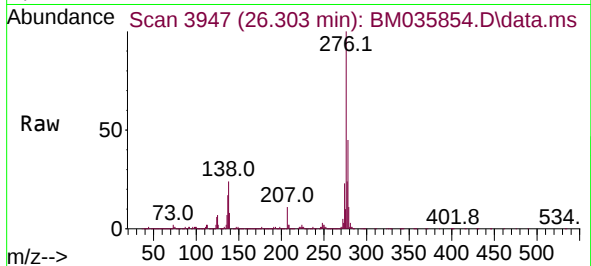




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.760 ng  
 RT: 26.303 min Scan# 3947  
 Delta R.T. 0.000 min  
 Lab File: BM035854.D  
 Acq: 18 Jul 2022 14:30

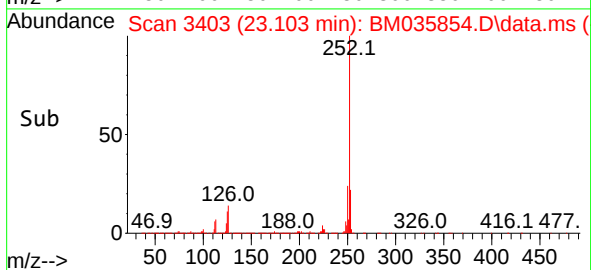
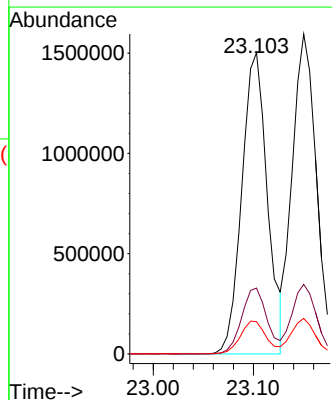
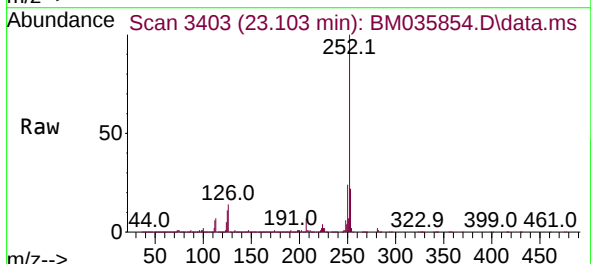
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

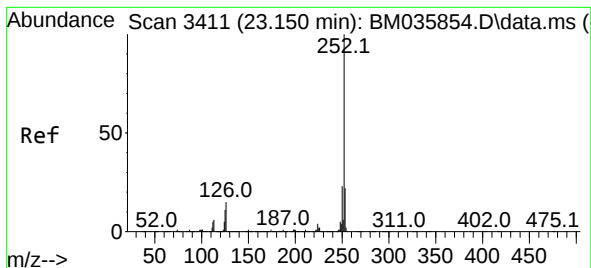
Tgt Ion:276 Resp: 3232785  
 Ion Ratio Lower Upper  
 276 100  
 138 26.7 20.2 30.4  
 277 25.0 20.2 30.2



#88  
 Benzo(b)fluoranthene  
 Concen: 41.455 ng  
 RT: 23.103 min Scan# 3403  
 Delta R.T. 0.000 min  
 Lab File: BM035854.D  
 Acq: 18 Jul 2022 14:30

Tgt Ion:252 Resp: 2661692  
 Ion Ratio Lower Upper  
 252 100  
 253 21.9 17.6 26.4  
 125 10.7 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 39.893 ng

RT: 23.150 min Scan# 3411

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

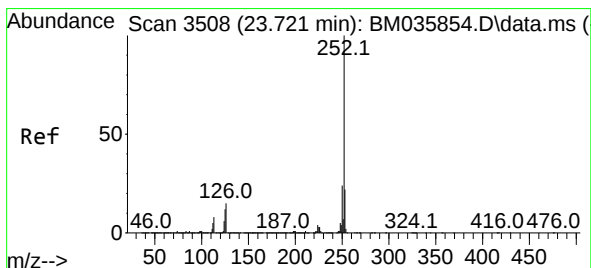
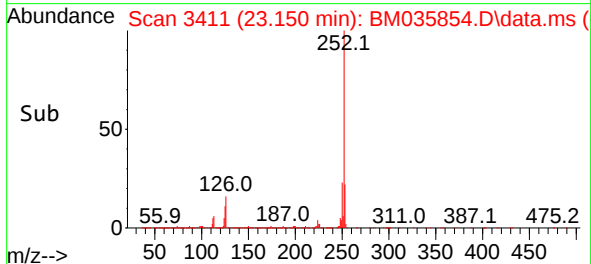
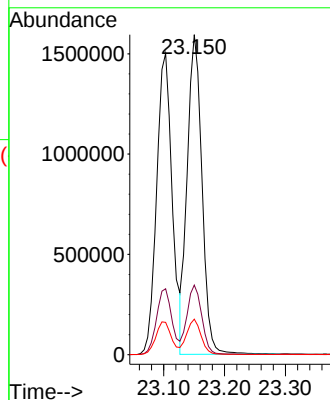
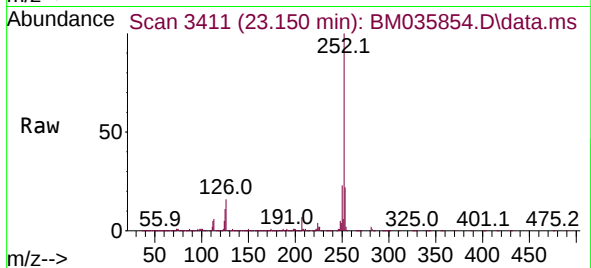
Tgt Ion:252 Resp: 2679063

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 11.1 7.6 11.4



#90

Benzo(a)pyrene

Concen: 41.733 ng

RT: 23.721 min Scan# 3508

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

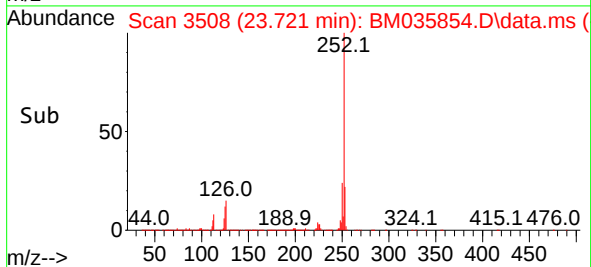
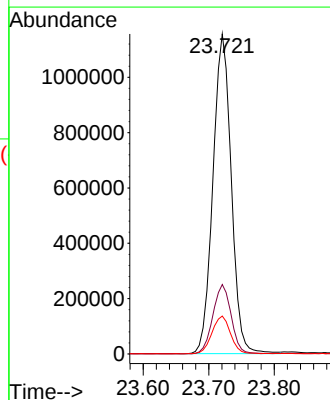
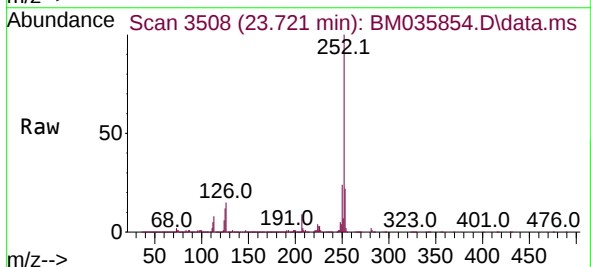
Tgt Ion:252 Resp: 2241951

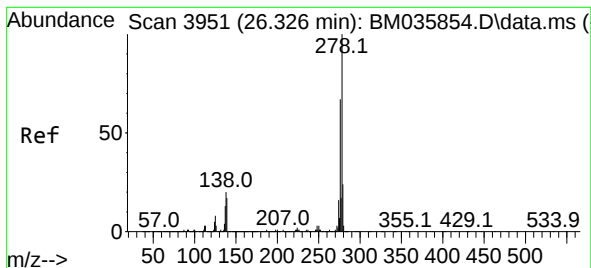
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 11.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 42.092 ng

RT: 26.326 min Scan# 3951

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

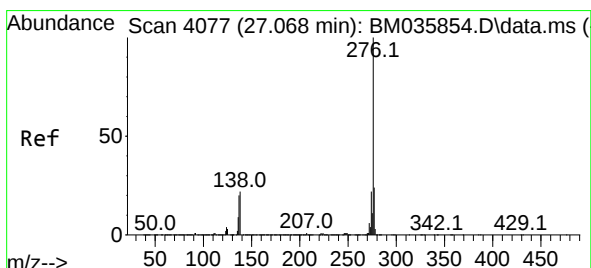
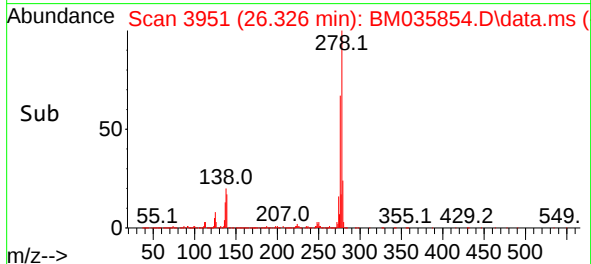
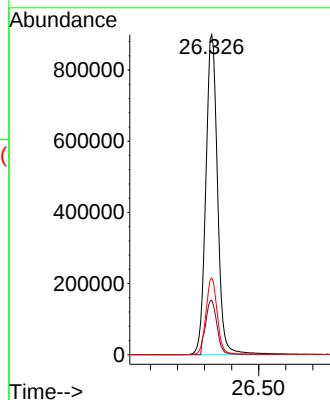
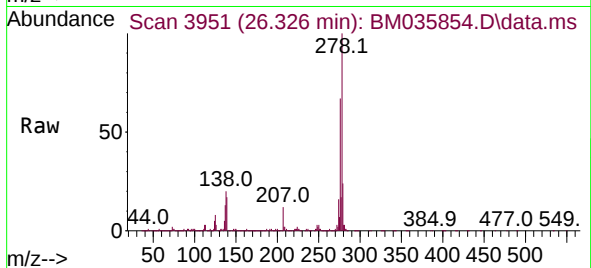
Tgt Ion:278 Resp: 2703050

Ion Ratio Lower Upper

278 100

139 17.0 12.9 19.3

279 24.0 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 41.833 ng

RT: 27.068 min Scan# 4077

Delta R.T. 0.000 min

Lab File: BM035854.D

Acq: 18 Jul 2022 14:30

Tgt Ion:276 Resp: 2650635

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 22.5 17.6 26.4

