

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091424\  
 Data File : BM047524.D  
 Acq On : 14 Sep 2024 14:35  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Sep 15 08:19:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM091424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Sep 15 08:15:39 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.851  | 152  | 365126   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.645 | 136  | 1618219  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.480 | 164  | 947755   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.215 | 188  | 1792326  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.444 | 240  | 1627798  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.468 | 264  | 1308860  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 1816554  | 85.715 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.010  | 99   | 2621910  | 97.748 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.004  | 82   | 2627381  | 84.350 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.962 | 330  | 767403   | 74.344 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.110 | 172  | 5743669  | 93.794 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.833 | 244  | 8178683  | 99.693 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.322  | 88   | 379485   | 42.393 | ng    | 100      |
| 3) Pyridine                   | 3.716  | 79   | 941347   | 42.054 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.628  | 42   | 533341   | 42.451 | ng    | 100      |
| 6) Aniline                    | 7.175  | 93   | 1158194  | 48.678 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.416  | 128  | 1018620  | 45.879 | ng    | 100      |
| 9) Benzaldehyde               | 6.987  | 77   | 610922   | 38.398 | ng    | 100      |
| 10) Phenol                    | 7.034  | 94   | 1300688  | 49.994 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.275  | 93   | 1035289  | 45.311 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.739  | 146  | 1097467  | 40.900 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.886  | 146  | 1115218  | 41.385 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.204  | 146  | 1100793  | 43.659 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.086  | 79   | 899897   | 45.328 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.381  | 45   | 1467240  | 36.303 | ng    | 100      |
| 17) 2-Methylphenol            | 8.286  | 107  | 847590   | 48.280 | ng    | 100      |
| 18) Hexachloroethane          | 8.939  | 117  | 448954   | 41.835 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 8.657  | 70   | 908407   | 54.608 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.616  | 107  | 1177936  | 50.359 | ng    | 100      |
| 22) Acetophenone              | 8.669  | 105  | 1704805  | 44.221 | ng    | 100      |
| 24) Nitrobenzene              | 9.045  | 77   | 1336633  | 41.831 | ng    | 100      |
| 25) Isophorone                | 9.575  | 82   | 2301793  | 42.216 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.757  | 139  | 475675   | 32.695 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 9.816  | 122  | 678795   | 40.878 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.057 | 93   | 1425885  | 42.597 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.292 | 162  | 890582   | 37.488 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.510 | 180  | 978634   | 35.550 | ng    | 100      |
| 31) Naphthalene               | 10.698 | 128  | 3484796  | 42.467 | ng    | 100      |
| 32) Benzoic acid              | 9.951  | 122  | 621554   | 38.990 | ng    | 100      |
| 33) 4-Chloroaniline           | 10.798 | 127  | 1271819  | 45.368 | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.992 | 225  | 548156   | 30.843 | ng    | 100      |
| 35) Caprolactam               | 11.574 | 113  | 301774   | 39.481 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 11.922 | 107  | 1029746  | 40.175 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.310 | 142  | 2350065  | 43.624 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.527 | 142  | 2315698  | 43.448 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.674 | 216  | 1037544  | 36.984 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.663 | 237  | 346149   | 67.557 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.910 | 196  | 663467   | 37.016 | ng    | 100      |

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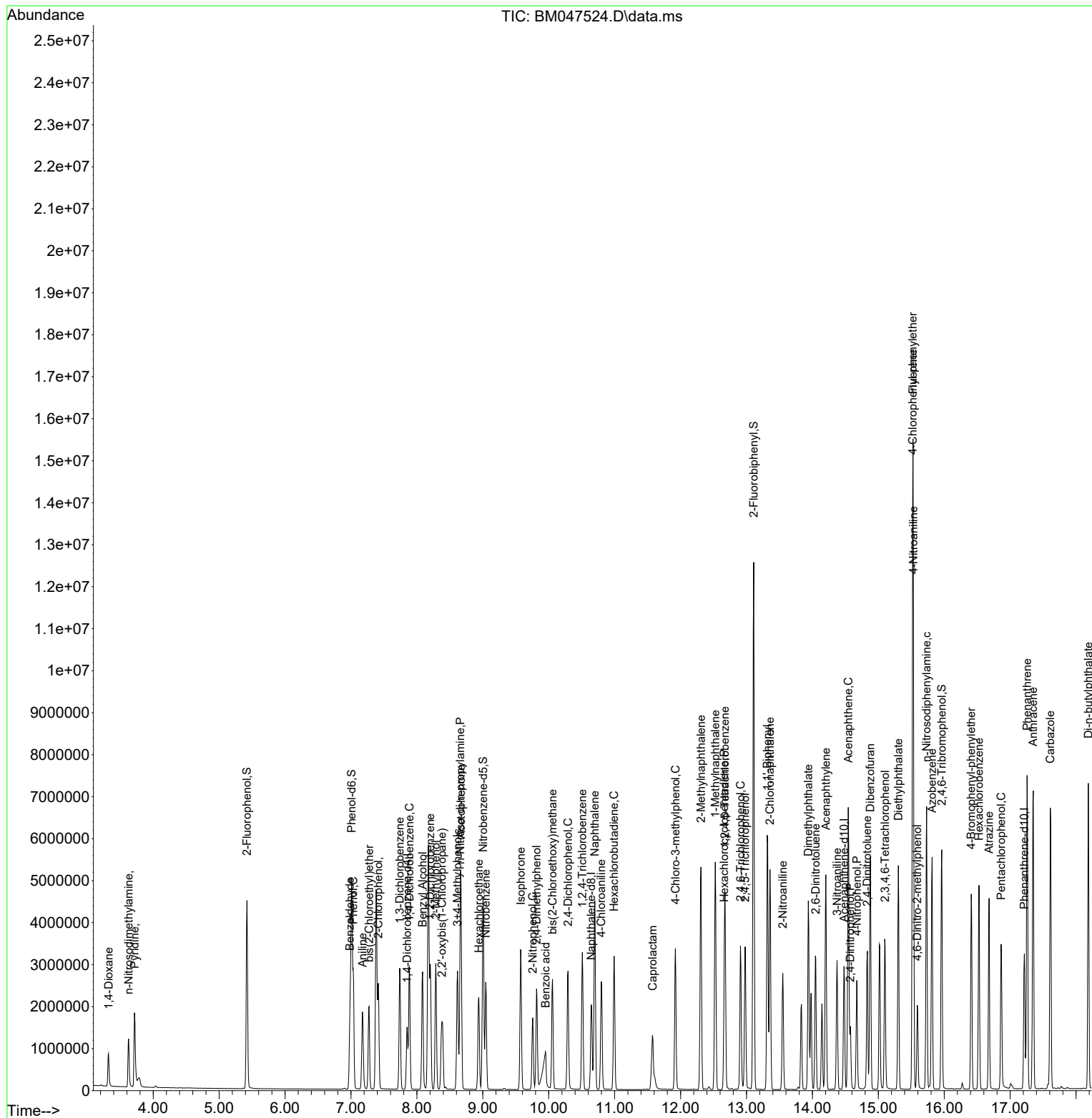
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.980 | 196  | 749195   | 38.700 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.316 | 154  | 2977591  | 44.149 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.357 | 162  | 2309174  | 44.070 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.551 | 65   | 711905   | 39.924 | ng    | 100      |
| 49) Acenaphthylene            | 14.204 | 152  | 3389381  | 44.168 | ng    | 100      |
| 50) Dimethylphthalate         | 13.939 | 163  | 2601271  | 41.410 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.051 | 165  | 562396   | 38.297 | ng    | 100      |
| 52) Acenaphthene              | 14.545 | 154  | 2363816  | 48.647 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.374 | 138  | 636300   | 43.970 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.574 | 184  | 242408   | 32.686 | ng    | 100      |
| 55) Dibenzofuran              | 14.880 | 168  | 3286806  | 43.186 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.674 | 139  | 533596   | 45.119 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 14.833 | 165  | 772430   | 40.365 | ng    | 100      |
| 58) Fluorene                  | 15.527 | 166  | 3089638  | 51.125 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.104 | 232  | 580263   | 37.089 | ng    | 100      |
| 60) Diethylphthalate          | 15.304 | 149  | 2809721  | 44.191 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.521 | 204  | 1409661  | 47.487 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.533 | 138  | 795712   | 56.461 | ng    | 100      |
| 63) Azobenzene                | 15.815 | 77   | 3134877  | 50.627 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 198  | 327400   | 33.387 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 15.733 | 169  | 2266693  | 46.218 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.409 | 248  | 705864   | 40.074 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.527 | 284  | 796111   | 38.938 | ng    | 100      |
| 69) Atrazine                  | 16.680 | 200  | 638553   | 53.569 | ng    | 100      |
| 70) Pentachlorophenol         | 16.862 | 266  | 486319   | 42.076 | ng    | 100      |
| 71) Phenanthrene              | 17.256 | 178  | 4065837  | 47.092 | ng    | 100      |
| 72) Anthracene                | 17.351 | 178  | 3956786  | 46.485 | ng    | 100      |
| 73) Carbazole                 | 17.609 | 167  | 3906452  | 46.084 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.186 | 149  | 4803649  | 46.790 | ng    | 100      |
| 75) Fluoranthene              | 19.268 | 202  | 4593392  | 44.875 | ng    | 100      |
| 77) Benzidine                 | 19.445 | 184  | 825167   | 24.354 | ng    | 100      |
| 78) Pyrene                    | 19.627 | 202  | 4862723  | 41.821 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.527 | 149  | 1915535  | 38.617 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.421 | 228  | 4338226  | 41.914 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.344 | 252  | 1177624  | 32.127 | ng    | 100      |
| 83) Chrysene                  | 21.486 | 228  | 4082724  | 40.204 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.362 | 149  | 3022758  | 43.541 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.509 | 149  | 4236094  | 34.663 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.897 | 276  | 3099824  | 36.603 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.515 | 252  | 3507877  | 49.032 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.580 | 252  | 3570213  | 49.665 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.332 | 252  | 2875521  | 44.073 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.956 | 278  | 2601274  | 37.845 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 28.967 | 276  | 2535092  | 34.987 | ng    | 100      |

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

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Instrument :  
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 ClientSampleId :  
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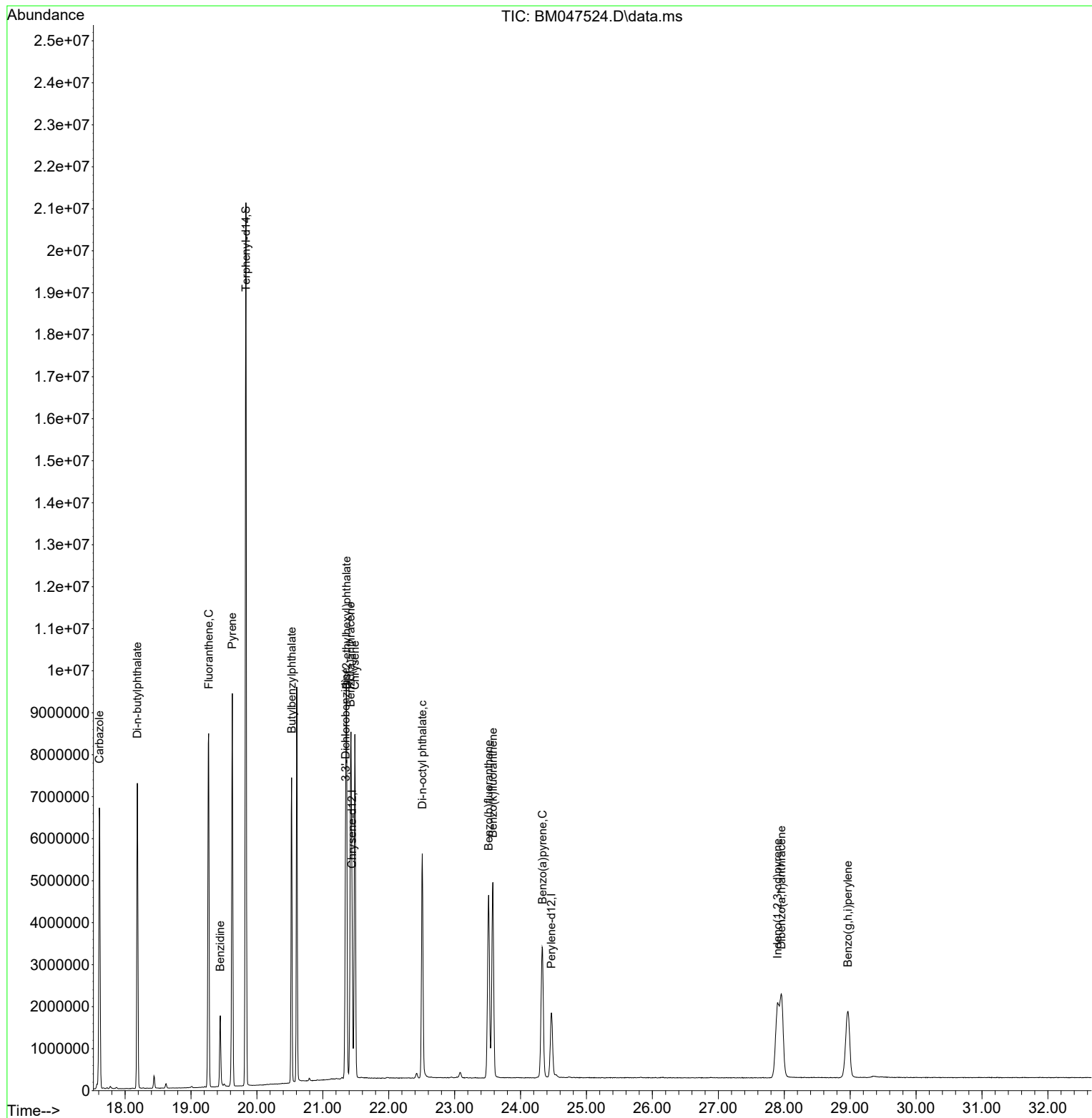
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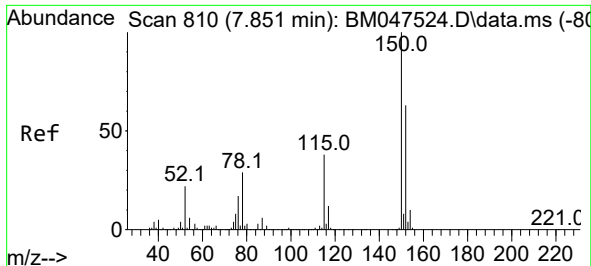


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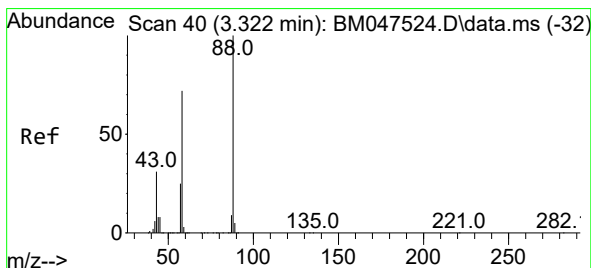
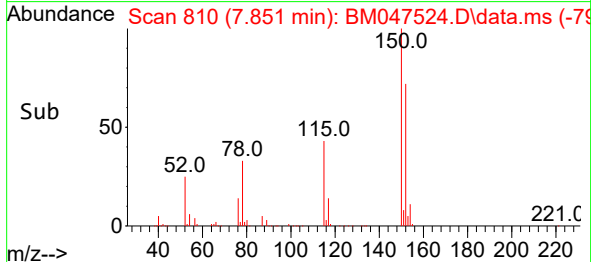
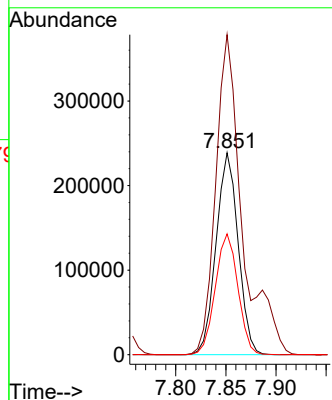
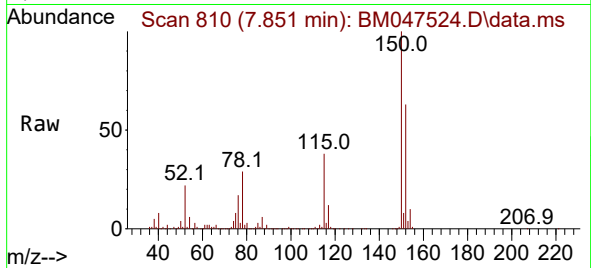




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.851 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
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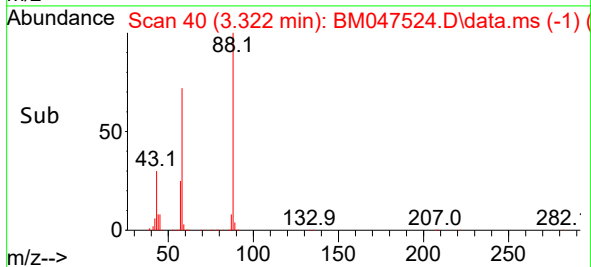
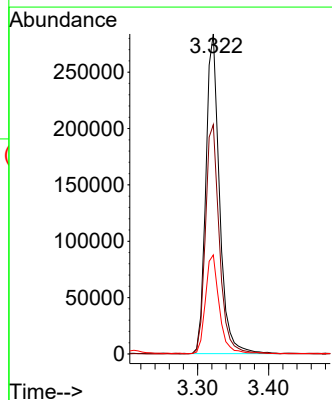
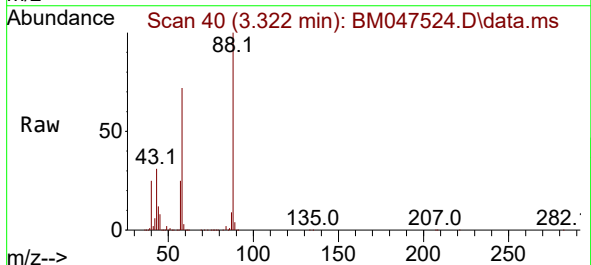
Instrument :  
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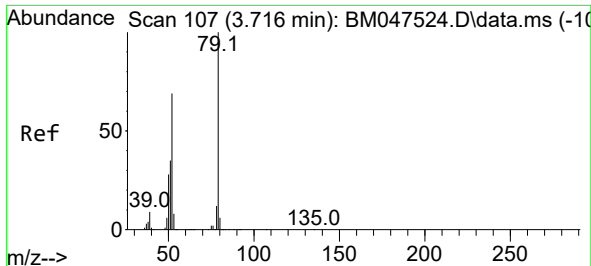
Tgt Ion:152 Resp: 365126  
Ion Ratio Lower Upper  
152 100  
150 158.5 126.8 190.2  
115 59.8 47.8 71.8



#2  
1,4-Dioxane  
Concen: 42.393 ng  
RT: 3.322 min Scan# 40  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion: 88 Resp: 379485  
Ion Ratio Lower Upper  
88 100  
58 73.8 59.0 88.6  
43 31.2 25.0 37.4

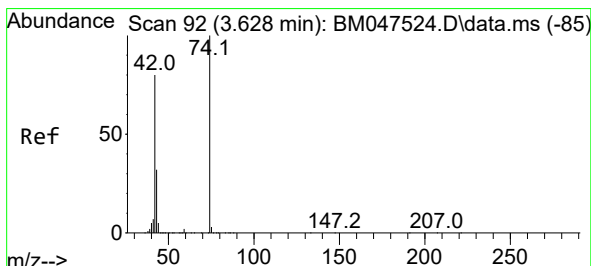
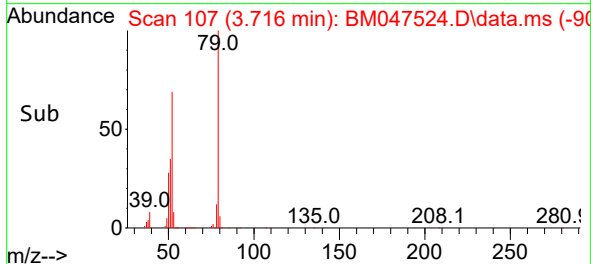
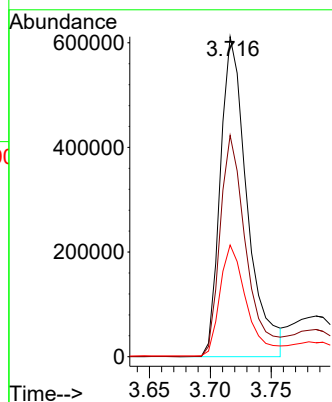
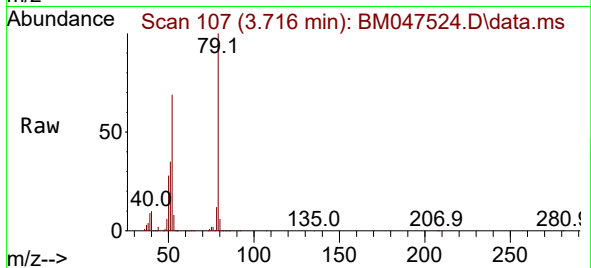




#3  
Pyridine  
Concen: 42.054 ng  
RT: 3.716 min Scan# 107  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

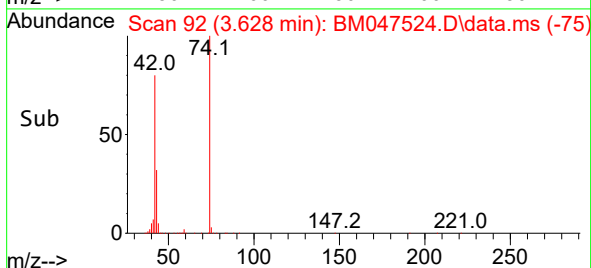
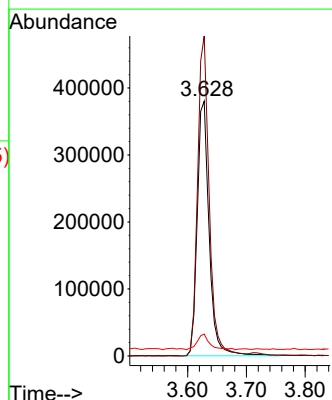
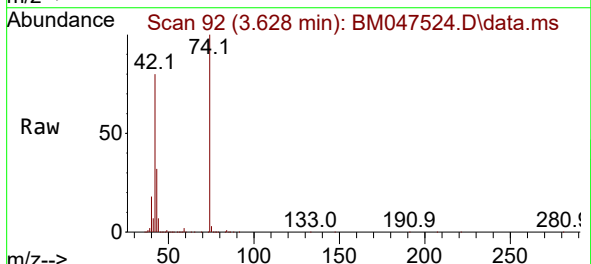
Instrument :  
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ClientSampleId :  
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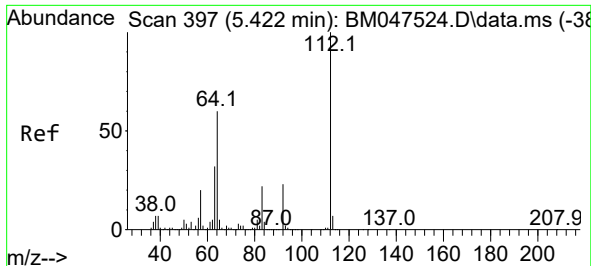
Tgt Ion: 79 Resp: 941347  
Ion Ratio Lower Upper  
79 100  
52 69.2 55.4 83.0  
51 34.9 27.9 41.9



#4  
n-Nitrosodimethylamine  
Concen: 42.451 ng  
RT: 3.628 min Scan# 92  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion: 42 Resp: 533341  
Ion Ratio Lower Upper  
42 100  
74 125.6 100.5 150.7  
44 8.6 6.9 10.3

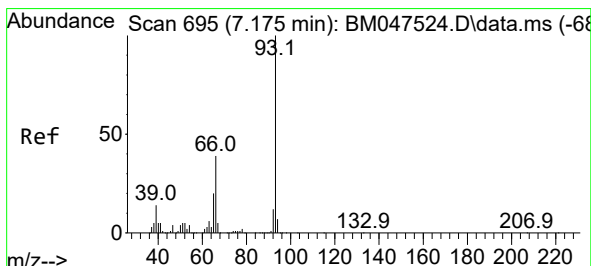
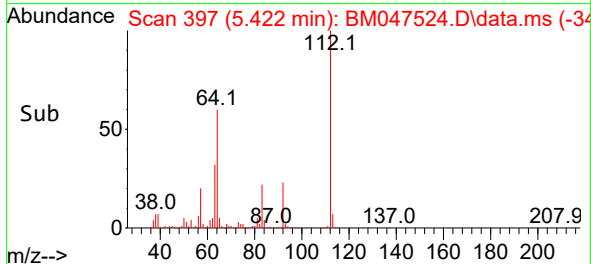
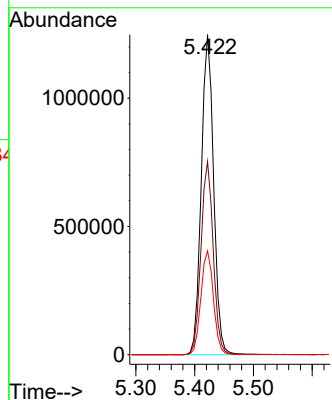
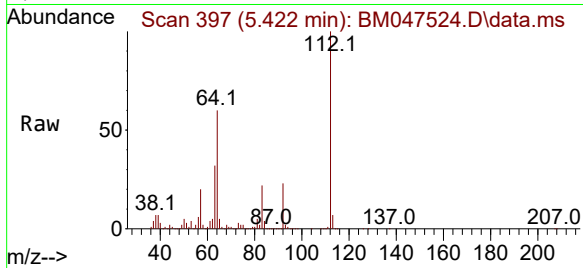




#5  
2-Fluorophenol  
Concen: 85.715 ng  
RT: 5.422 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
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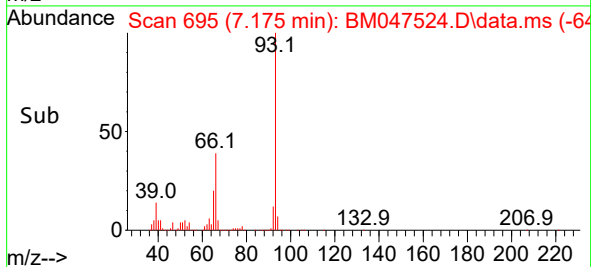
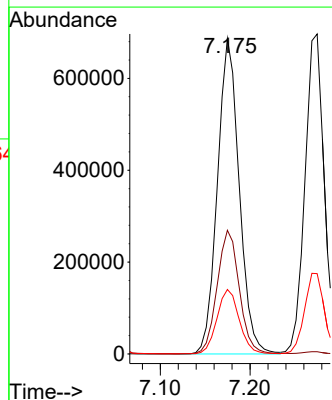
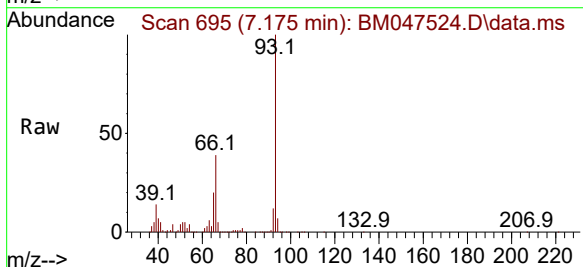
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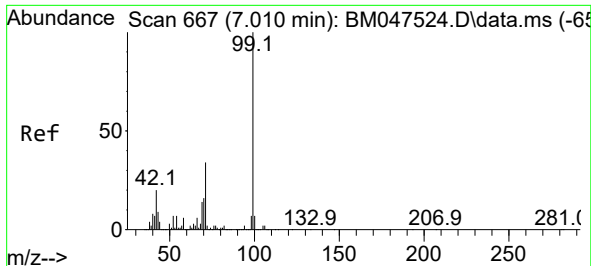
Tgt Ion:112 Resp: 1816554  
Ion Ratio Lower Upper  
112 100  
64 60.3 48.2 72.4  
63 32.5 26.0 39.0



#6  
Aniline  
Concen: 48.678 ng  
RT: 7.175 min Scan# 695  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
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Tgt Ion: 93 Resp: 1158194  
Ion Ratio Lower Upper  
93 100  
66 39.2 31.4 47.0  
65 20.4 16.3 24.5

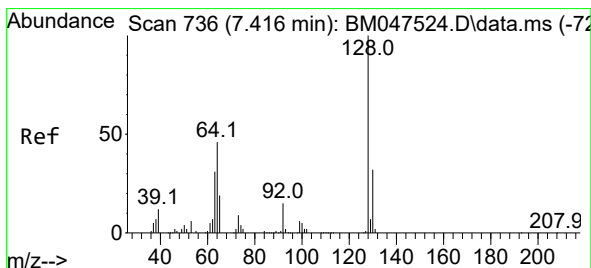
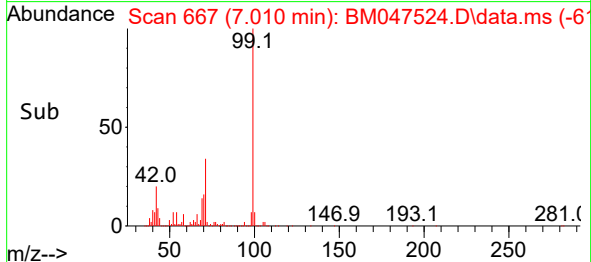
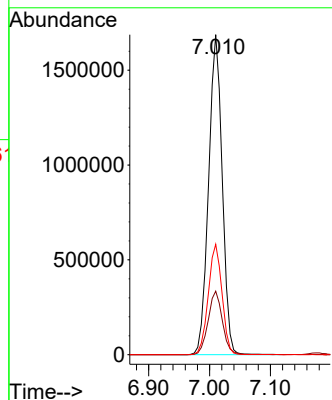
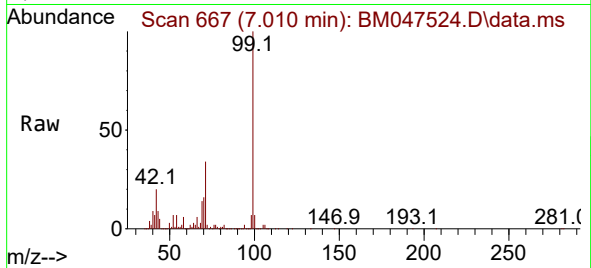




#7  
Phenol-d6  
Concen: 97.748 ng  
RT: 7.010 min Scan# 667  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
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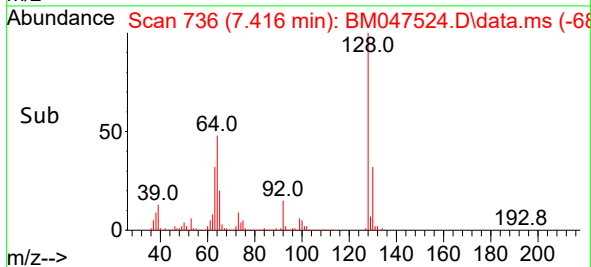
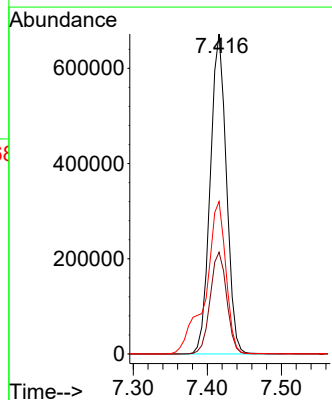
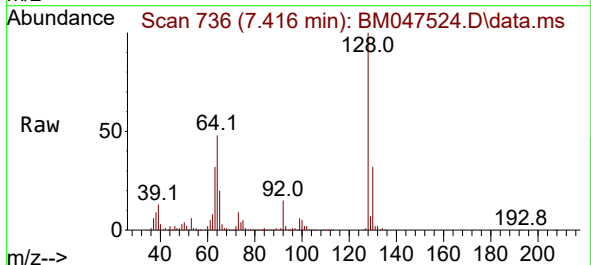
Instrument :  
BNA\_M  
ClientSampleId :  
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Tgt Ion: 99 Resp: 2621910  
Ion Ratio Lower Upper  
99 100  
42 19.8 15.8 23.8  
71 34.5 27.6 41.4

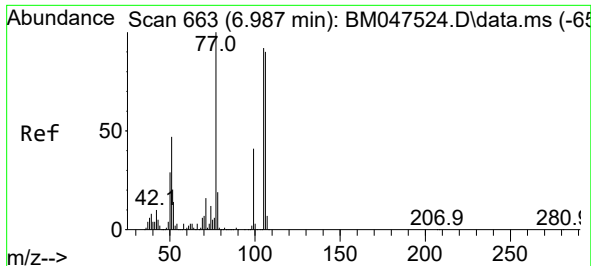


#8  
2-Chlorophenol  
Concen: 45.879 ng  
RT: 7.416 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion: 128 Resp: 1018620  
Ion Ratio Lower Upper  
128 100  
130 31.8 11.8 51.8  
64 47.6 27.6 67.6



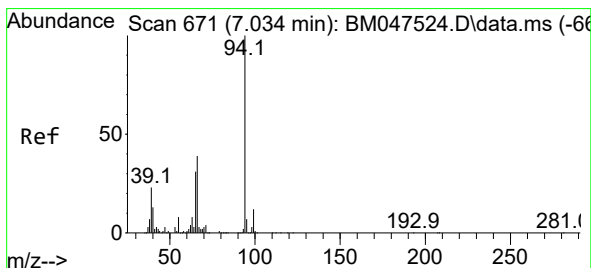
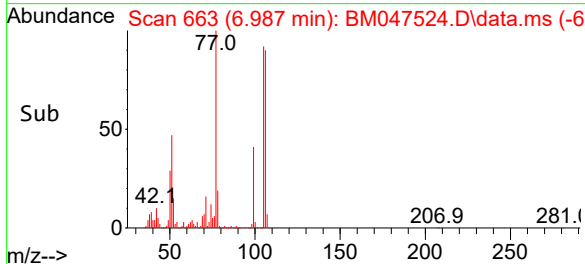
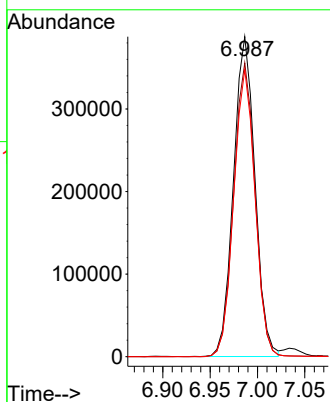
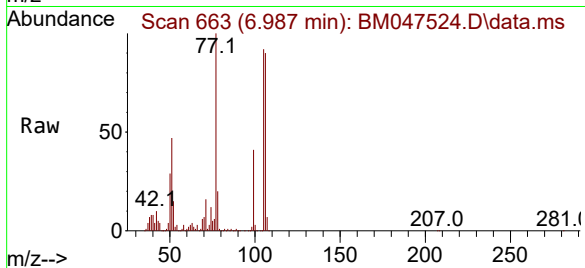




#9  
Benzaldehyde  
Concen: 38.398 ng  
RT: 6.987 min Scan# 663  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

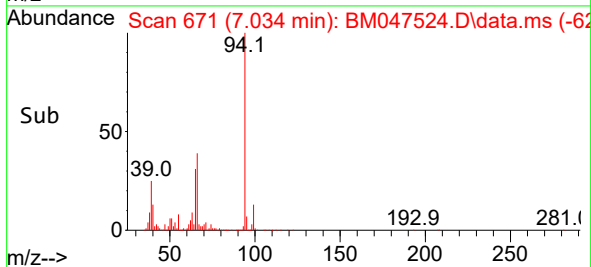
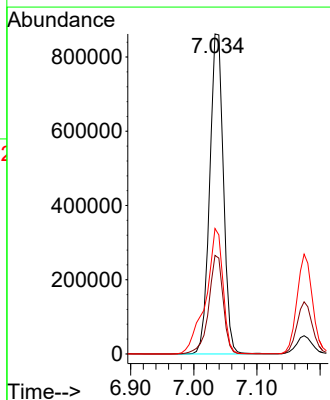
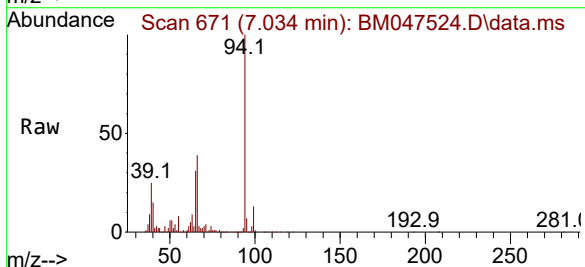
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

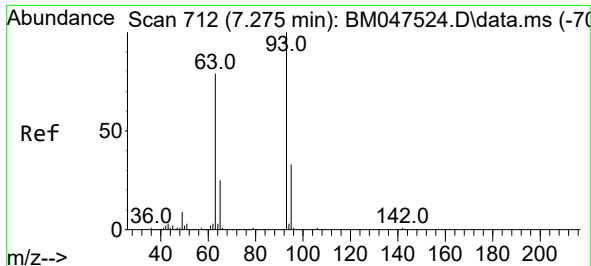
Tgt Ion: 77 Resp: 610922  
Ion Ratio Lower Upper  
77 100  
105 91.8 71.8 111.8  
106 89.7 69.7 109.7



#10  
Phenol  
Concen: 49.994 ng  
RT: 7.034 min Scan# 671  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion: 94 Resp: 1300688  
Ion Ratio Lower Upper  
94 100  
65 30.8 10.8 50.8  
66 39.2 19.2 59.2



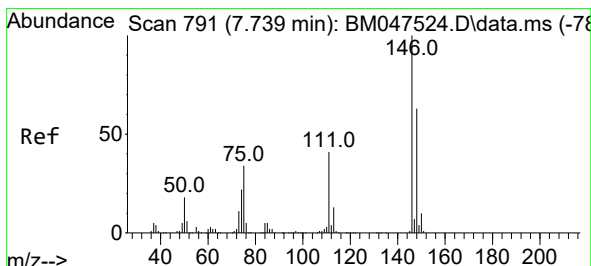
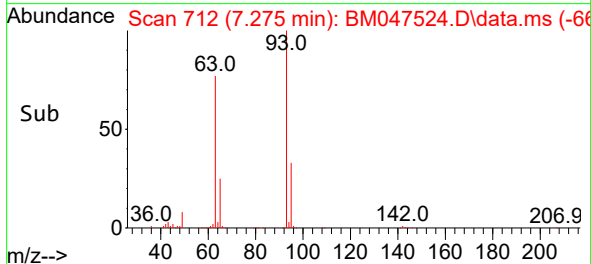
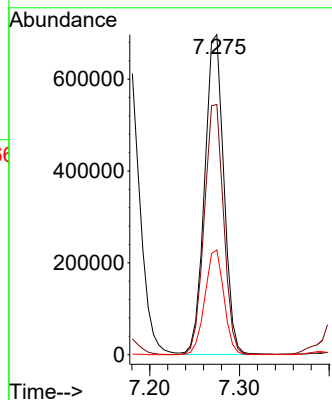
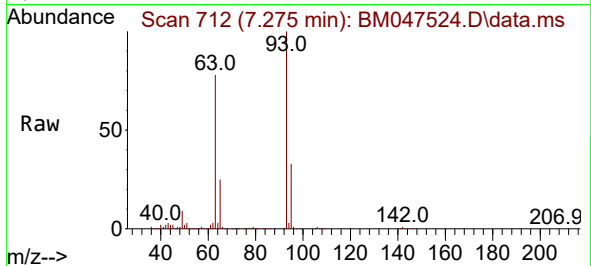


#11  
bis(2-Chloroethyl)ether  
Concen: 45.311 ng  
RT: 7.275 min Scan# 712  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

Tgt Ion: 93 Resp: 1035289

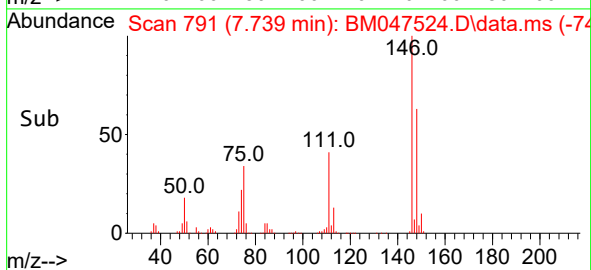
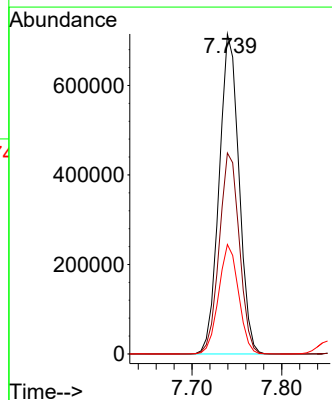
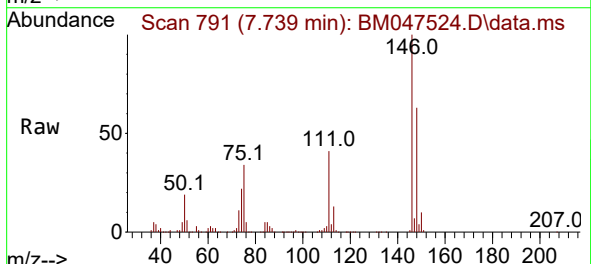
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 78.2  | 58.2  | 98.2  |
| 95  | 32.8  | 12.8  | 52.8  |

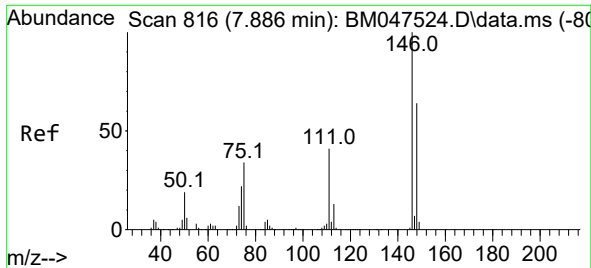


#12  
1,3-Dichlorobenzene  
Concen: 40.900 ng  
RT: 7.739 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:146 Resp: 1097467

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 62.8  | 50.2  | 75.4  |
| 75  | 34.2  | 27.4  | 41.0  |

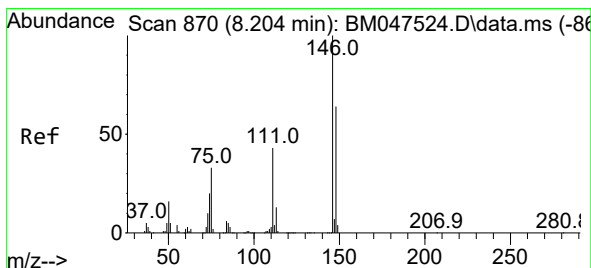
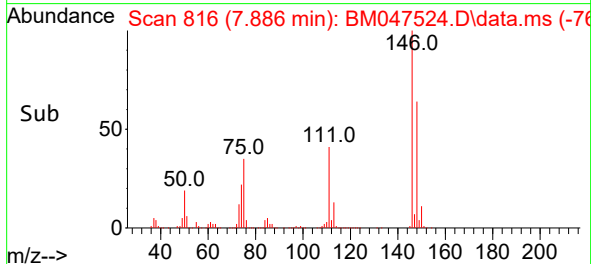
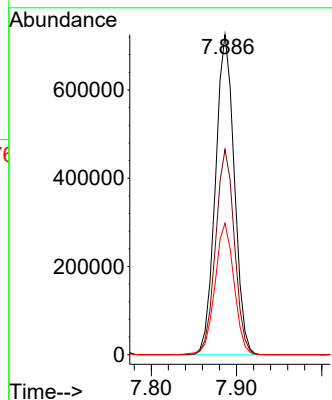
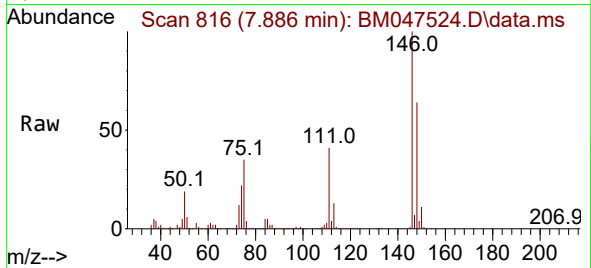




#13  
1,4-Dichlorobenzene  
Concen: 41.385 ng  
RT: 7.886 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

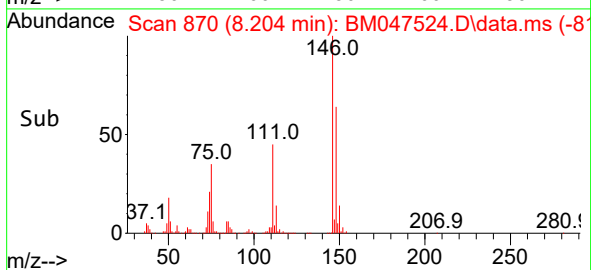
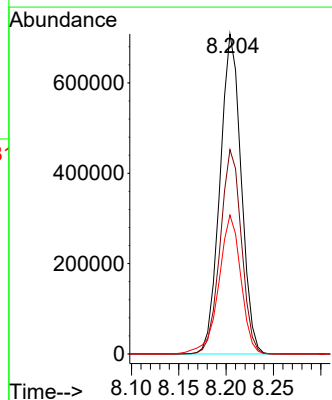
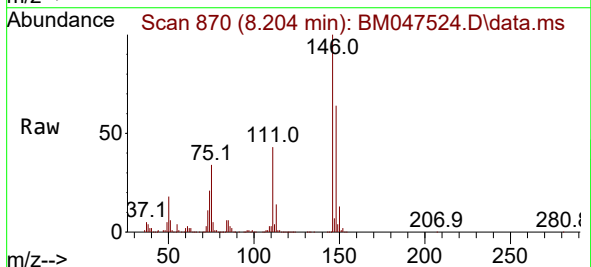
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

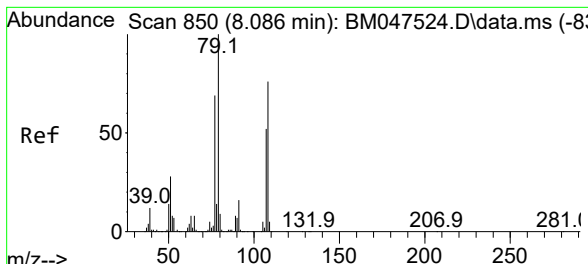
Tgt Ion:146 Resp: 1115218  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.3 76.9  
111 41.1 32.9 49.3



#14  
1,2-Dichlorobenzene  
Concen: 43.659 ng  
RT: 8.204 min Scan# 870  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:146 Resp: 1100793  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.1 76.7  
111 43.4 34.7 52.1

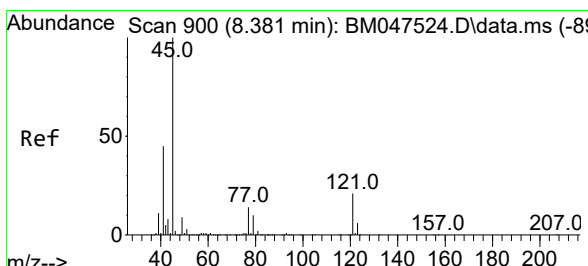
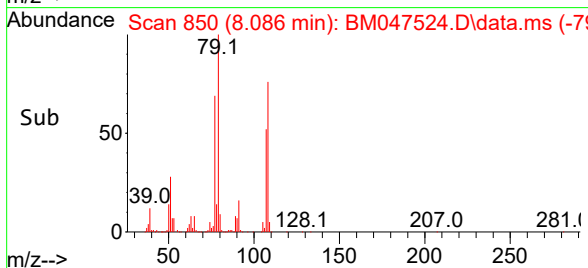
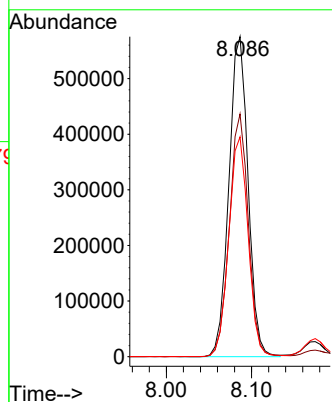
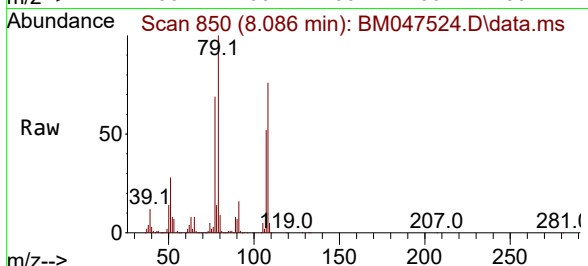




#15  
Benzyl Alcohol  
Concen: 45.328 ng  
RT: 8.086 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

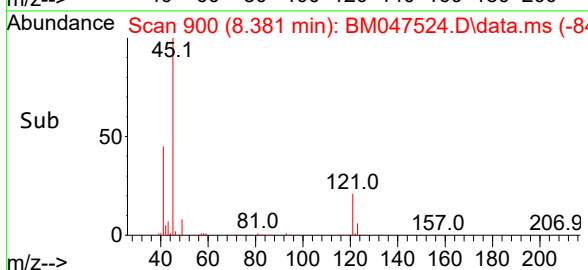
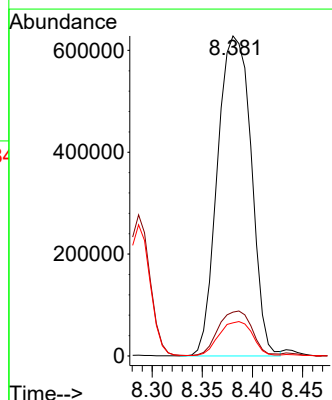
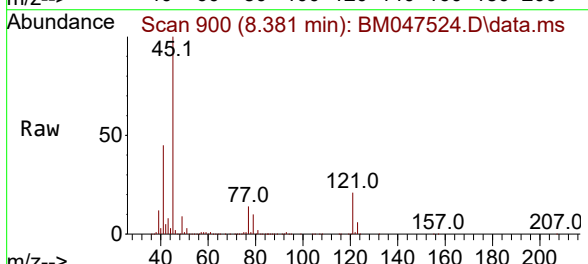
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

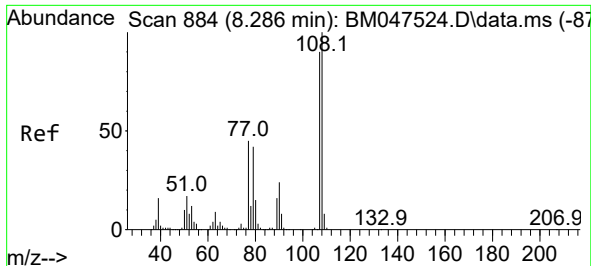
Tgt Ion: 79 Resp: 899897  
Ion Ratio Lower Upper  
79 100  
108 75.8 60.6 91.0  
77 68.7 55.0 82.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.303 ng  
RT: 8.381 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion: 45 Resp: 1467240  
Ion Ratio Lower Upper  
45 100  
77 13.7 0.0 33.7  
79 10.3 0.0 30.3

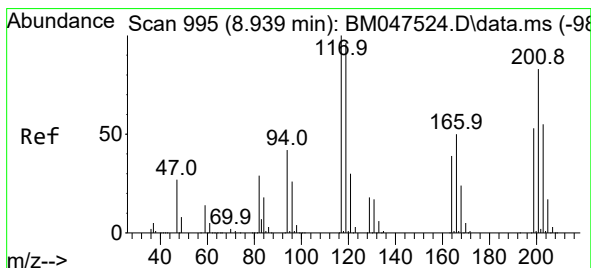
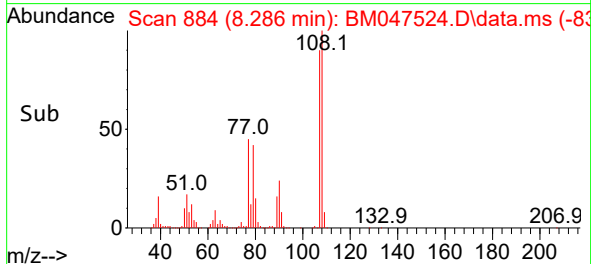
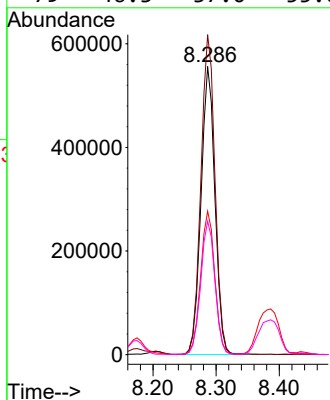
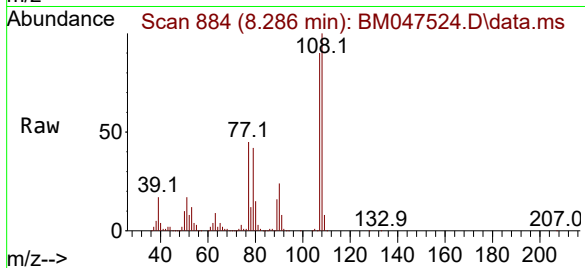




#17  
2-Methylphenol  
Concen: 48.280 ng  
RT: 8.286 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

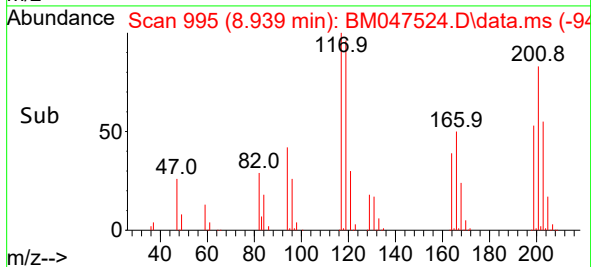
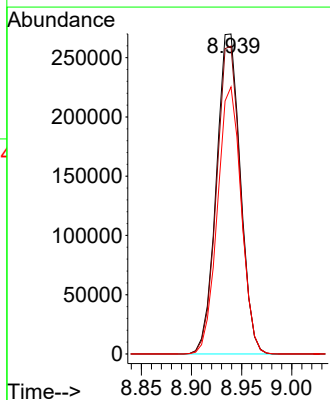
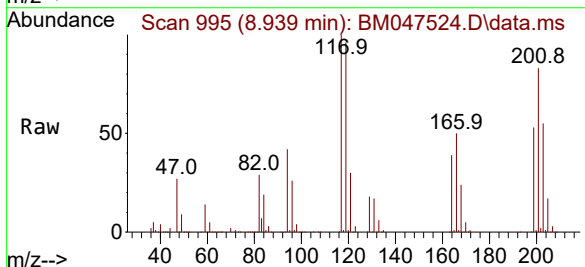
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

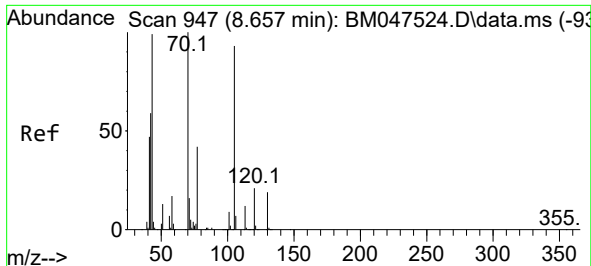
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 847590 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.1 | 88.9  | 133.3  |
| 77       | 49.8  | 39.8  | 59.8   |
| 79       | 46.3  | 37.0  | 55.6   |



#18  
Hexachloroethane  
Concen: 41.835 ng  
RT: 8.939 min Scan# 995  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 448954 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.2  | 77.0  | 115.4  |
| 201      | 83.5  | 66.8  | 100.2  |



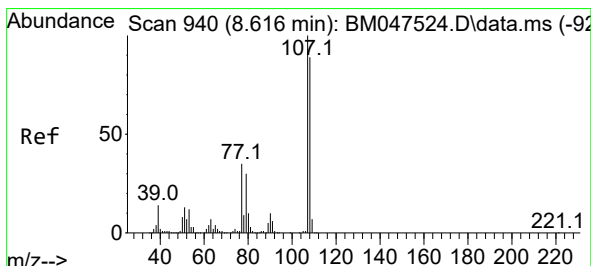
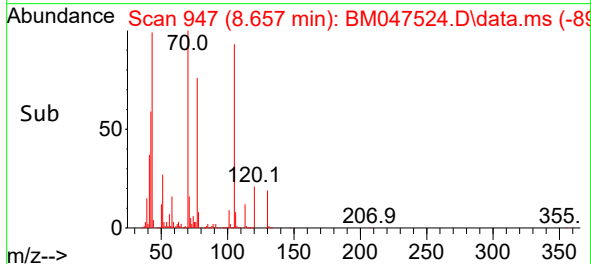
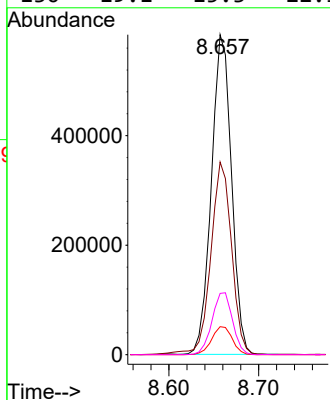
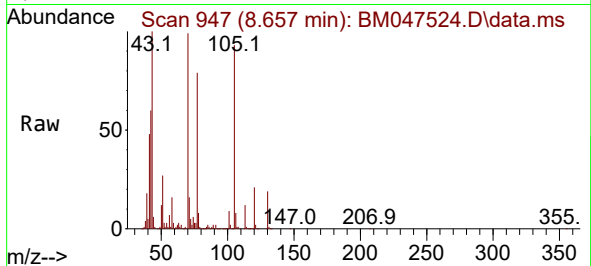


#19  
n-Nitroso-di-n-propylamine  
Concen: 54.608 ng  
RT: 8.657 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

Tgt Ion: 70 Resp: 908407

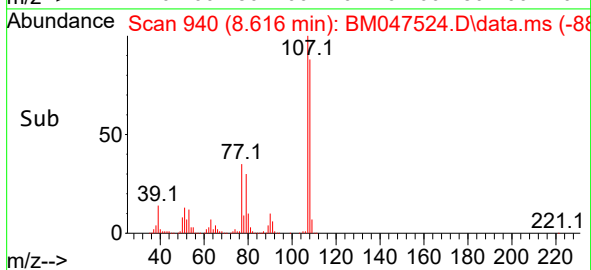
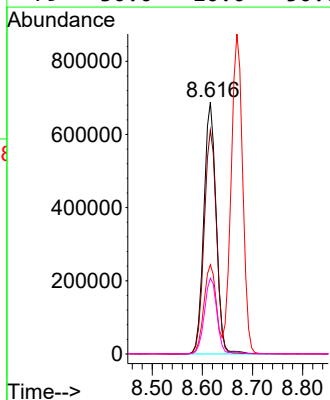
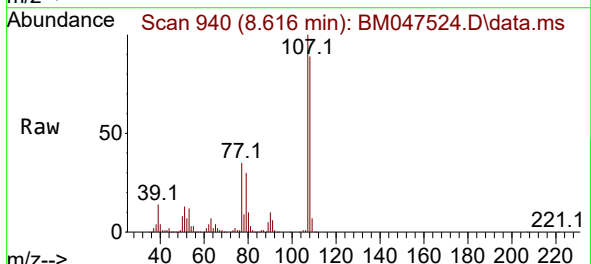
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 60.2  | 48.2  | 72.2  |
| 101 | 8.7   | 7.0   | 10.4  |
| 130 | 19.1  | 15.3  | 22.9  |

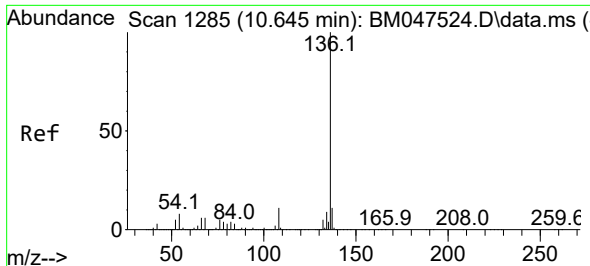


#20  
3+4-Methylphenols  
Concen: 50.359 ng  
RT: 8.616 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion: 107 Resp: 1177936

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 88.9  | 68.9  | 108.9 |
| 77  | 35.5  | 15.5  | 55.5  |
| 79  | 30.0  | 10.0  | 50.0  |



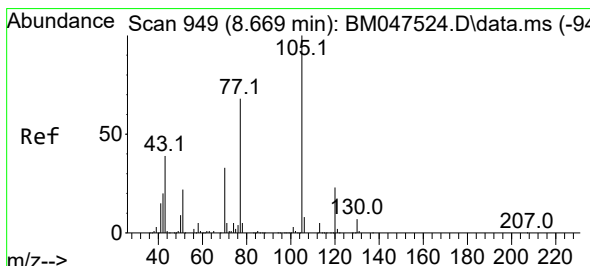
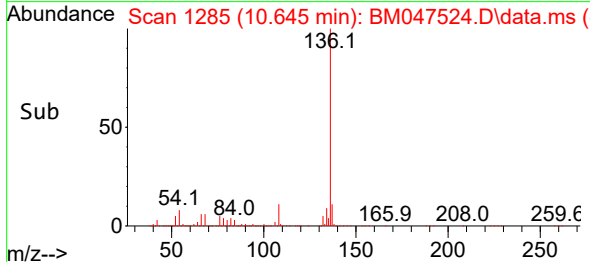
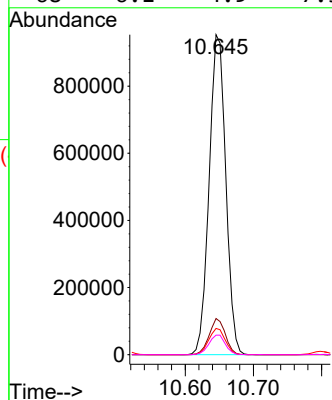
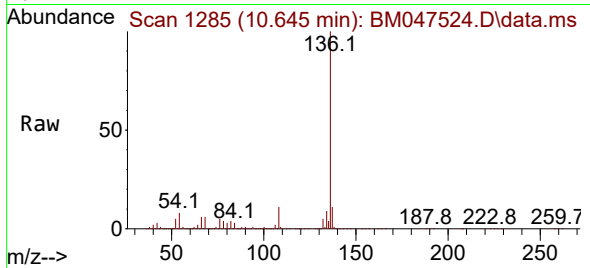


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.645 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

Tgt Ion:136 Resp: 1618219

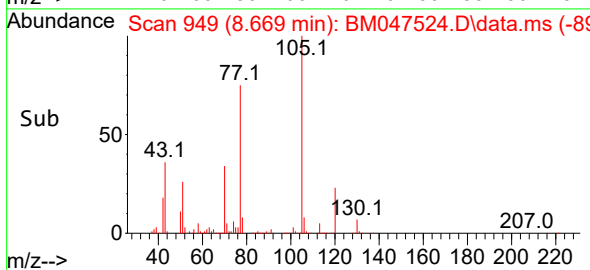
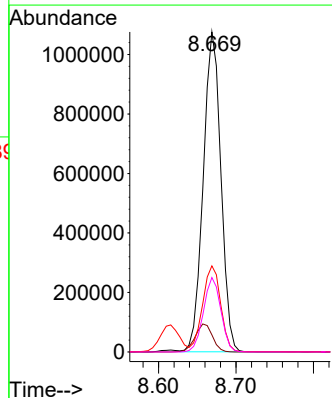
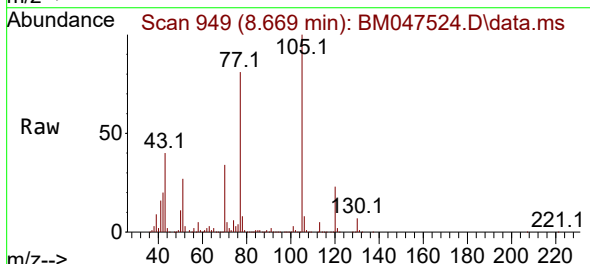
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 9.0   | 13.6  |
| 54  | 8.2   | 6.6   | 9.8   |
| 68  | 6.1   | 4.9   | 7.3   |

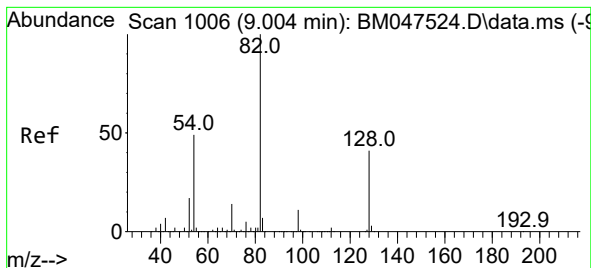


#22  
Acetophenone  
Concen: 44.221 ng  
RT: 8.669 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:105 Resp: 1704805

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 5.4   | 4.3   | 6.5   |
| 51  | 26.9  | 21.5  | 32.3  |
| 120 | 23.3  | 18.6  | 28.0  |





#23

Nitrobenzene-d5

Concen: 84.350 ng

RT: 9.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

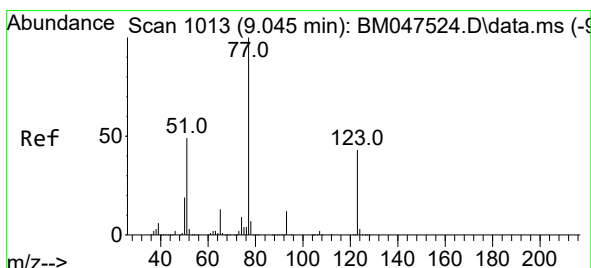
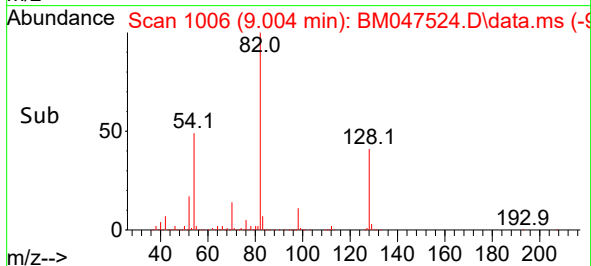
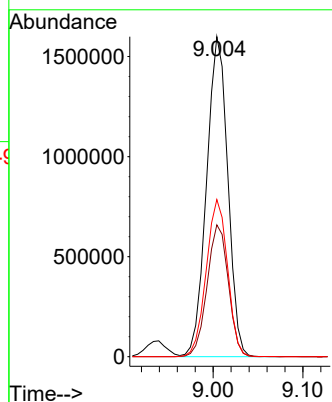
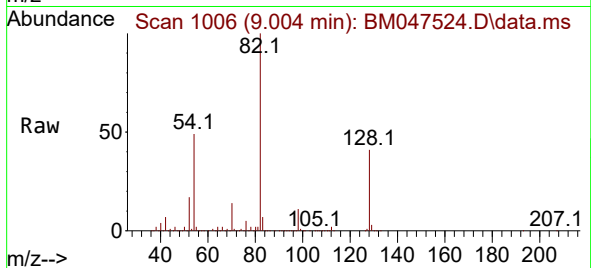
Tgt Ion: 82 Resp: 2627381

Ion Ratio Lower Upper

82 100

128 41.2 33.0 49.4

54 49.1 39.3 58.9



#24

Nitrobenzene

Concen: 41.831 ng

RT: 9.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

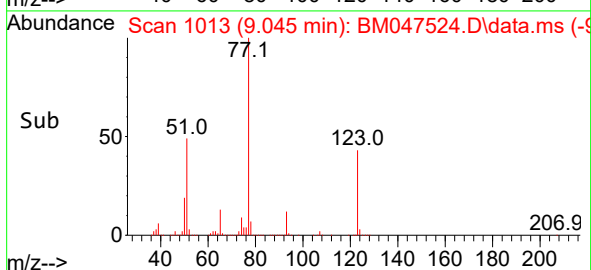
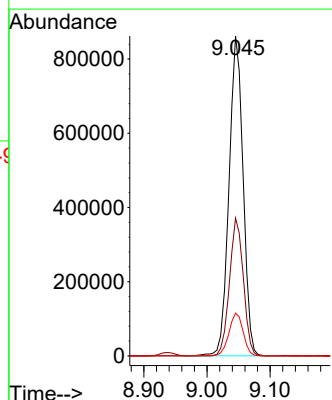
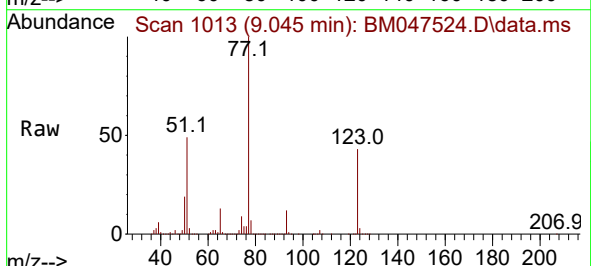
Tgt Ion: 77 Resp: 1336633

Ion Ratio Lower Upper

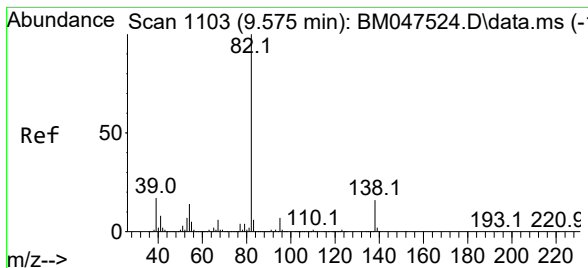
77 100

123 43.1 34.5 51.7

65 13.4 10.7 16.1







#25

Isophorone

Concen: 42.216 ng

RT: 9.575 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

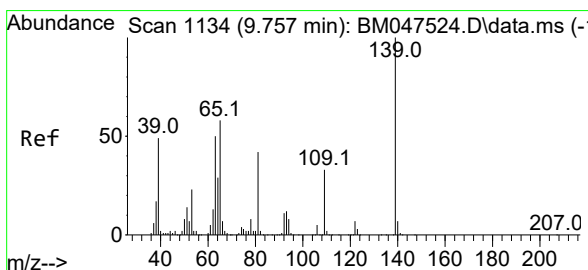
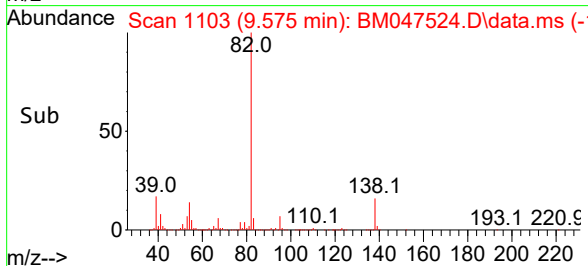
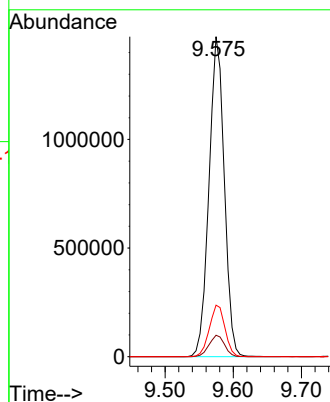
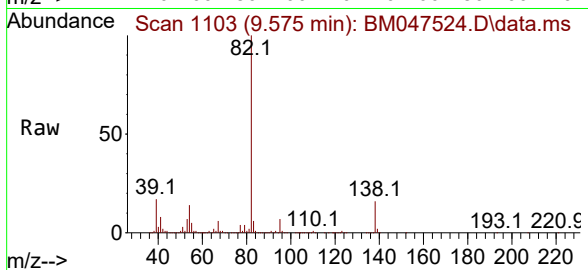
Tgt Ion: 82 Resp: 2301793

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 16.1 12.9 19.3



#26

2-Nitrophenol

Concen: 32.695 ng

RT: 9.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

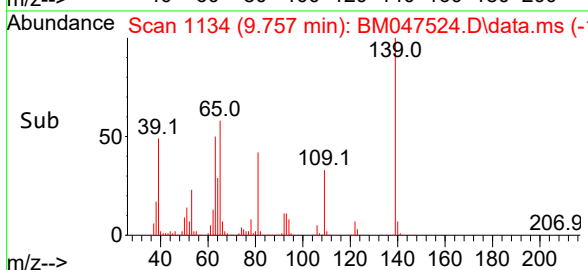
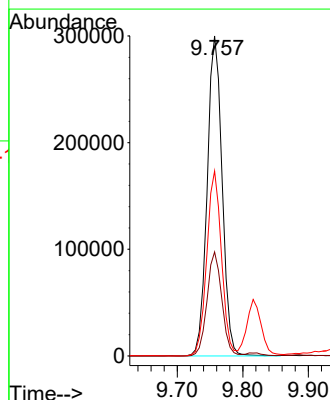
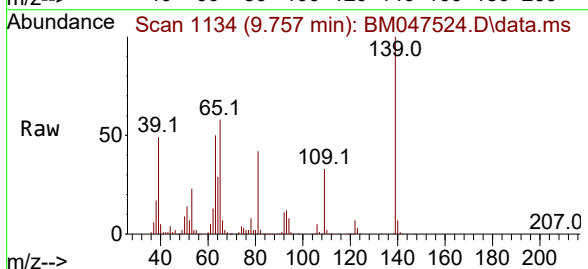
Tgt Ion: 139 Resp: 475675

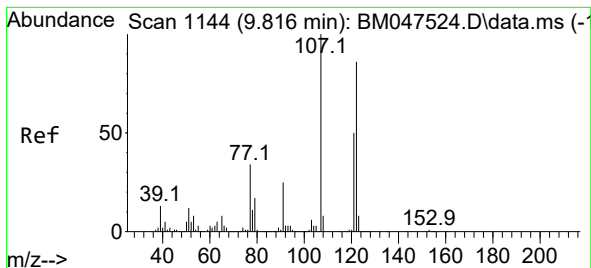
Ion Ratio Lower Upper

139 100

109 32.5 26.0 39.0

65 57.8 46.2 69.4

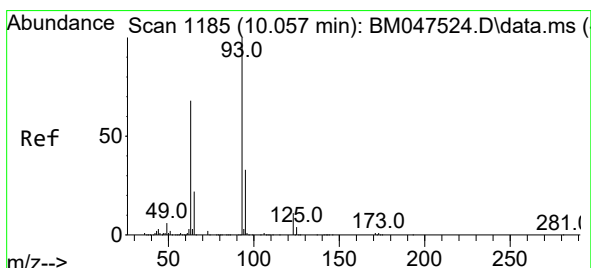
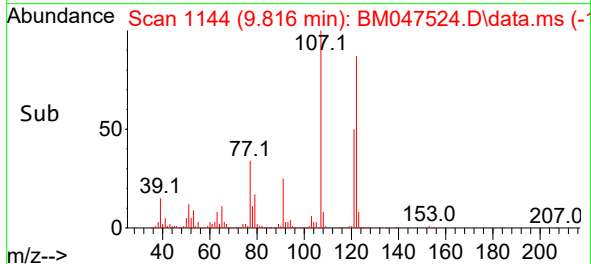
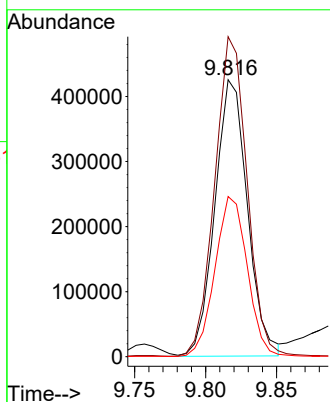
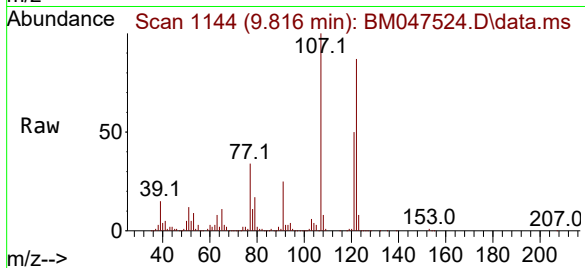




#27  
2,4-Dimethylphenol  
Concen: 40.878 ng  
RT: 9.816 min Scan# 1144  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

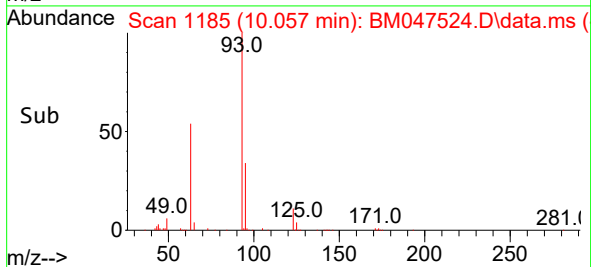
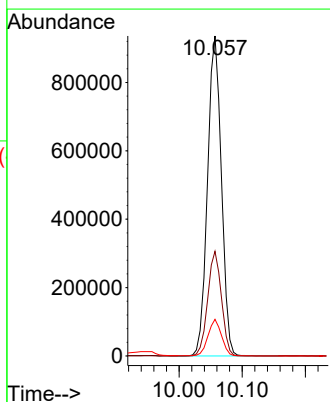
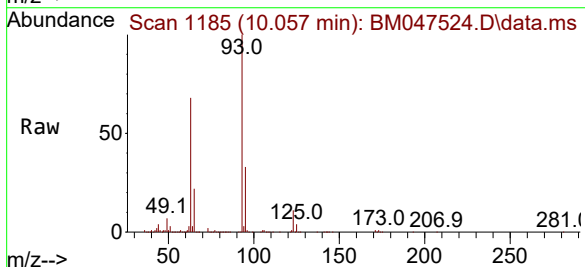
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

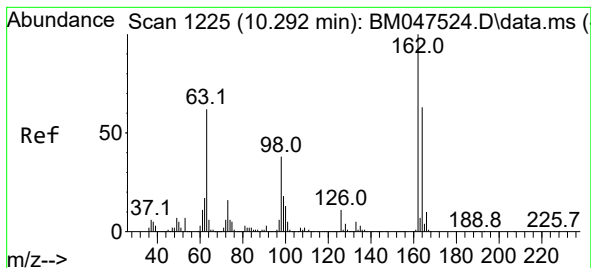
Tgt Ion:122 Resp: 678795  
Ion Ratio Lower Upper  
122 100  
107 115.5 92.4 138.6  
121 57.8 46.2 69.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.597 ng  
RT: 10.057 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion: 93 Resp: 1425885  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.2 39.2  
123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 37.488 ng

RT: 10.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

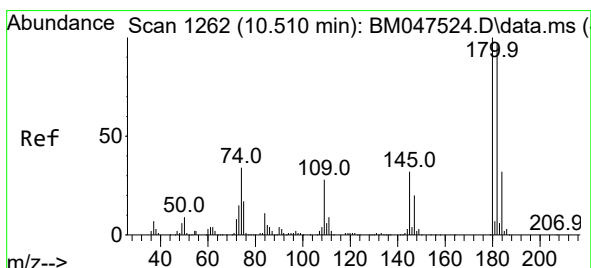
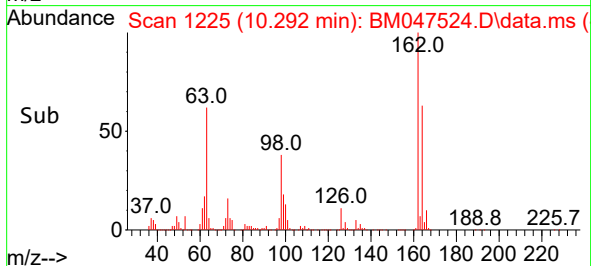
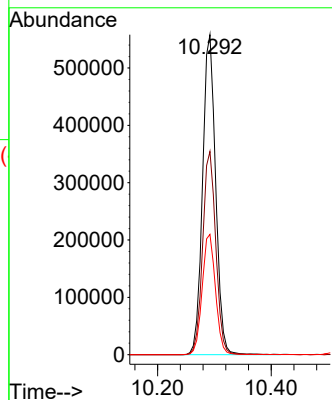
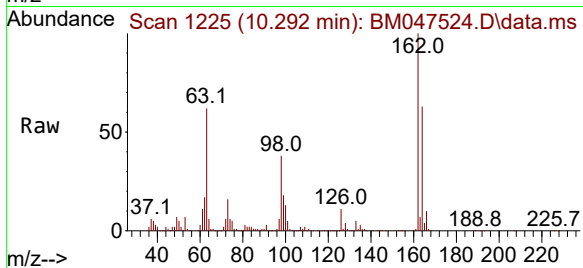
Tgt Ion:162 Resp: 890582

Ion Ratio Lower Upper

162 100

164 63.5 43.5 83.5

98 37.6 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 35.550 ng

RT: 10.510 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

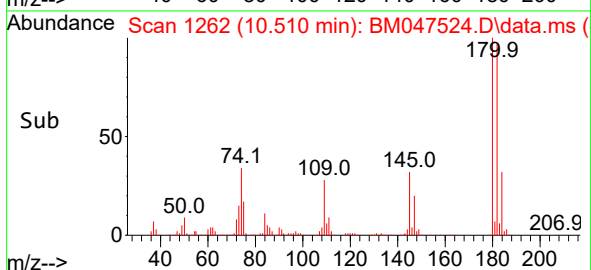
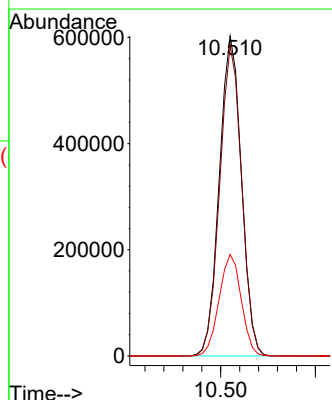
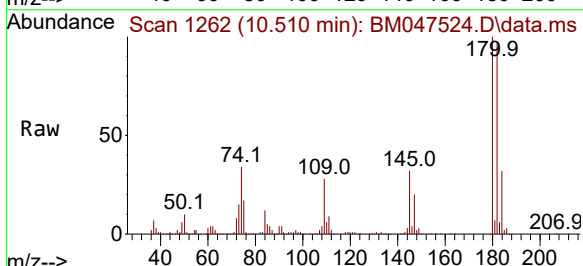
Tgt Ion:180 Resp: 978634

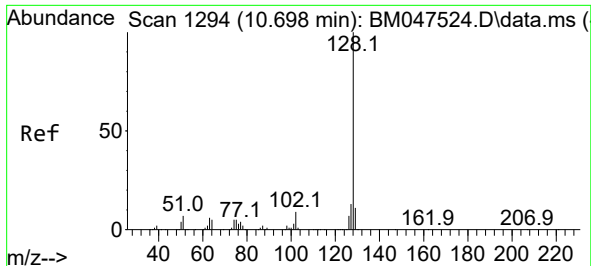
Ion Ratio Lower Upper

180 100

182 97.0 77.6 116.4

145 31.7 25.4 38.0

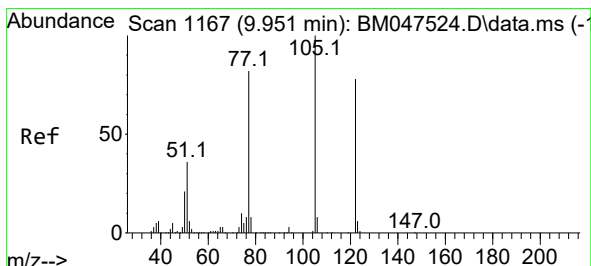
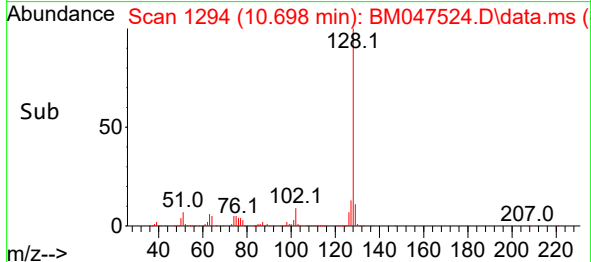
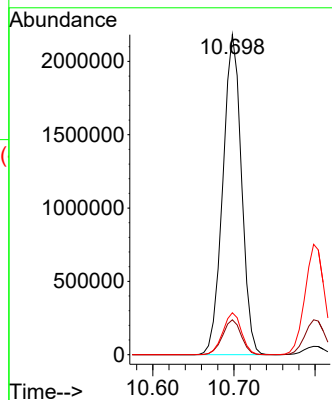
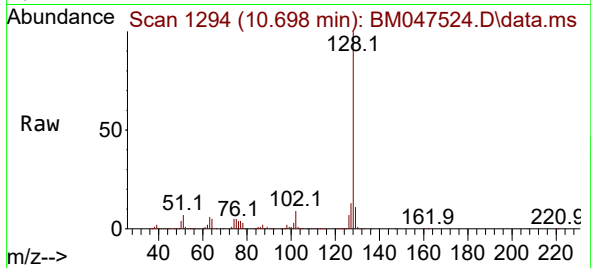




#31  
Naphthalene  
Concen: 42.467 ng  
RT: 10.698 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

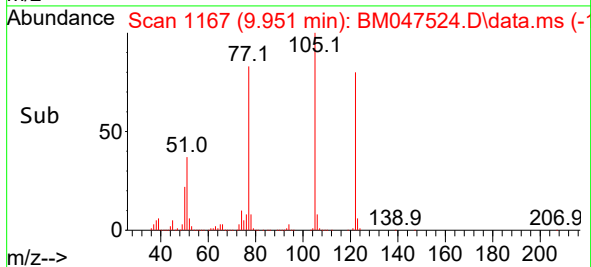
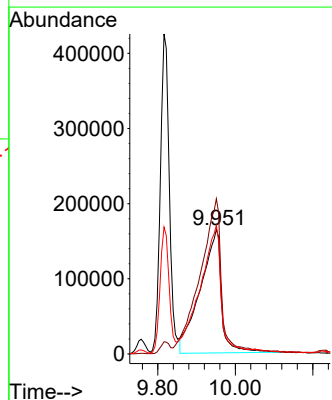
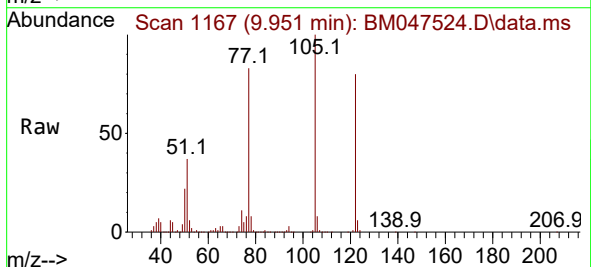
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

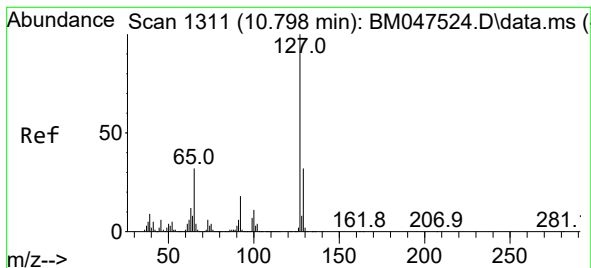
Tgt Ion:128 Resp: 3484796  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 13.1 10.5 15.7



#32  
Benzoic acid  
Concen: 38.990 ng  
RT: 9.951 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:122 Resp: 621554  
Ion Ratio Lower Upper  
122 100  
105 124.7 104.7 144.7  
77 103.4 83.4 123.4



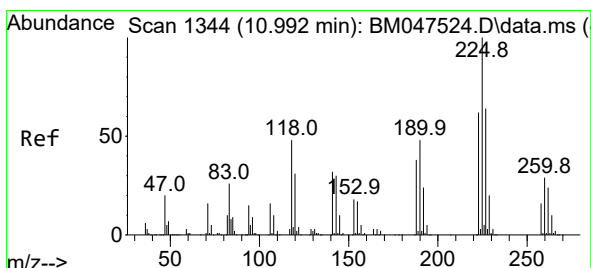
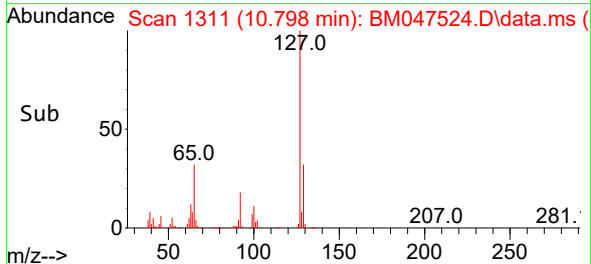
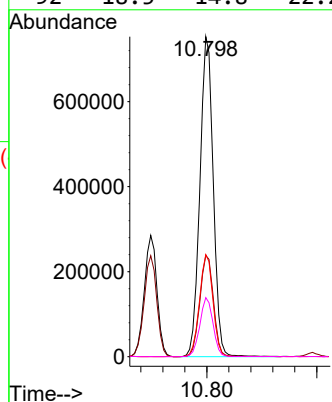
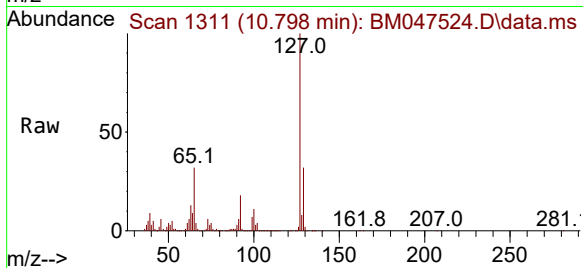


#33  
4-Chloroaniline  
Concen: 45.368 ng  
RT: 10.798 min Scan# 1311  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

Tgt Ion:127 Resp: 1271819

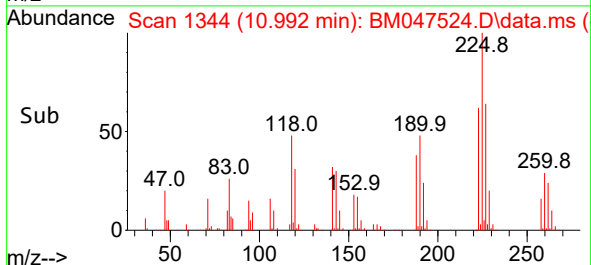
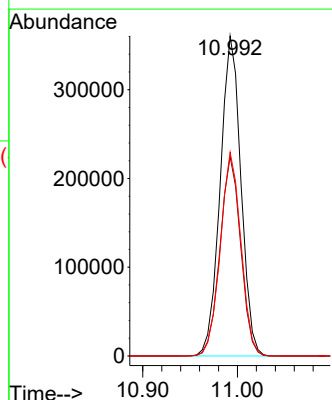
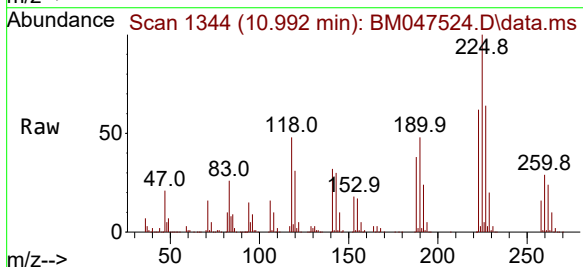
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 31.7  | 25.4  | 38.0  |
| 65  | 31.9  | 25.5  | 38.3  |
| 92  | 18.5  | 14.8  | 22.2  |

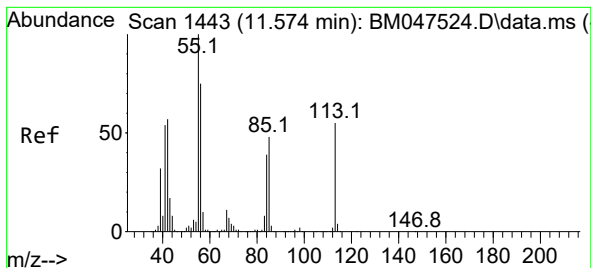


#34  
Hexachlorobutadiene  
Concen: 30.843 ng  
RT: 10.992 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:225 Resp: 548156

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.2  | 49.8  | 74.6  |
| 227 | 63.7  | 51.0  | 76.4  |

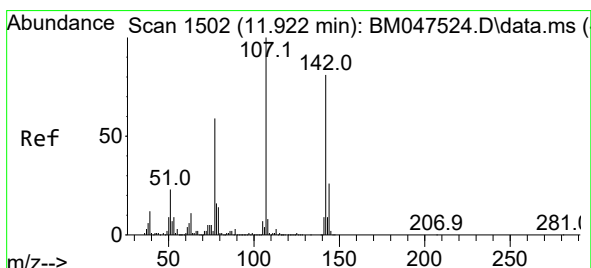
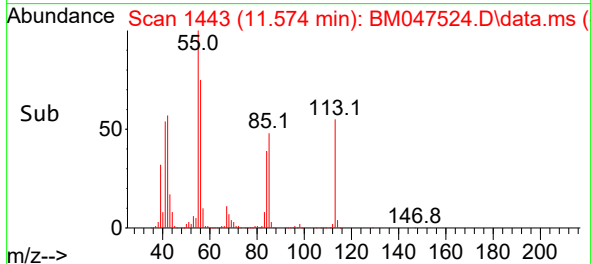
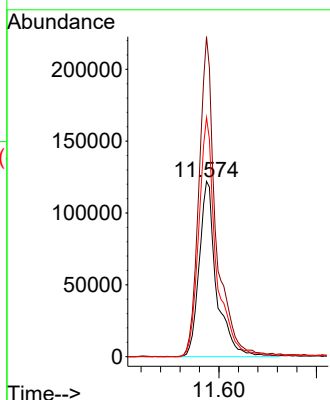
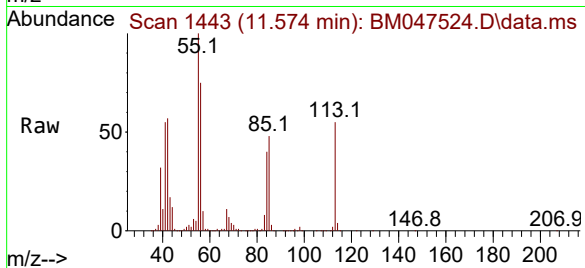




#35  
Caprolactam  
Concen: 39.481 ng  
RT: 11.574 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

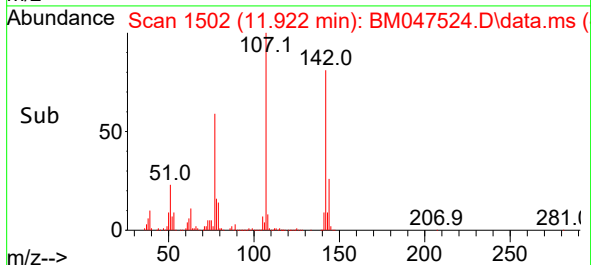
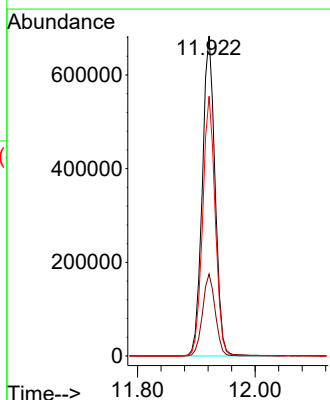
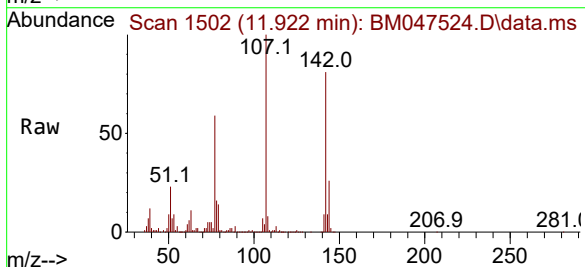
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

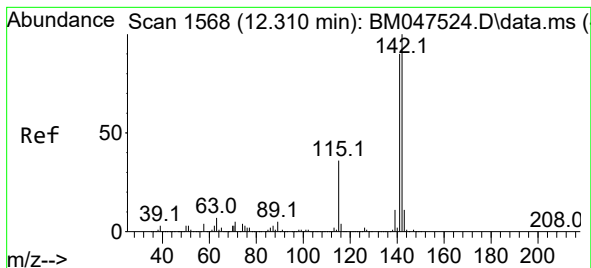
Tgt Ion:113 Resp: 301774  
Ion Ratio Lower Upper  
113 100  
55 182.5 162.5 202.5  
56 136.5 116.5 156.5



#36  
4-Chloro-3-methylphenol  
Concen: 40.175 ng  
RT: 11.922 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:107 Resp: 1029746  
Ion Ratio Lower Upper  
107 100  
144 25.6 20.5 30.7  
142 81.2 65.0 97.4

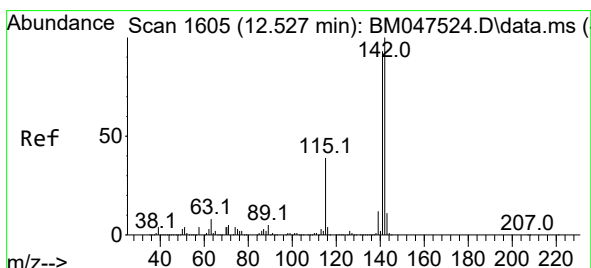
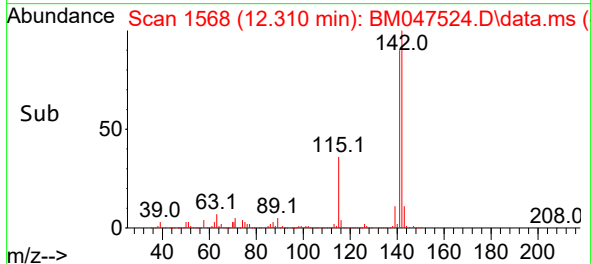
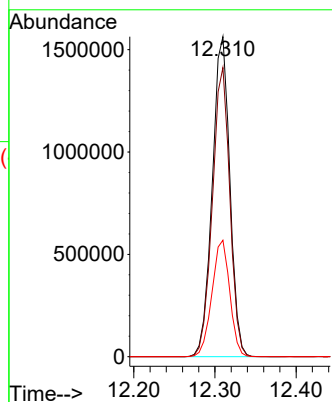
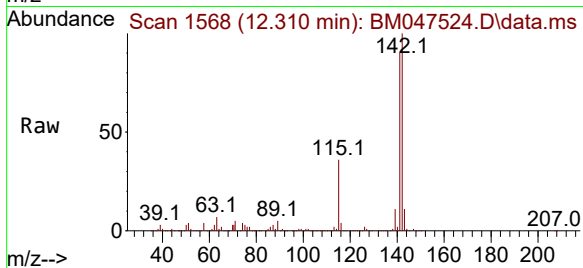




#37  
2-Methylnaphthalene  
Concen: 43.624 ng  
RT: 12.310 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

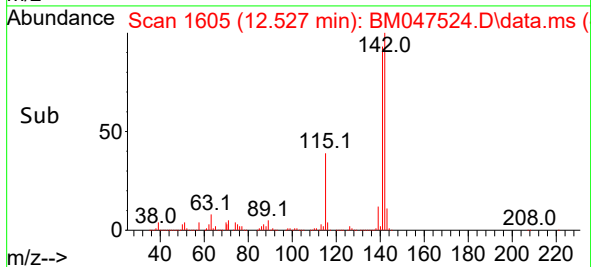
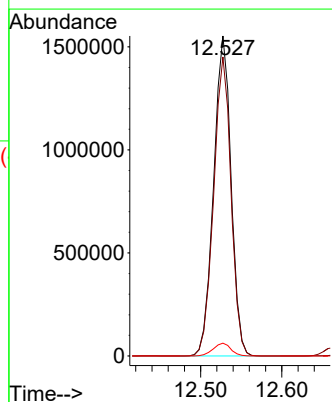
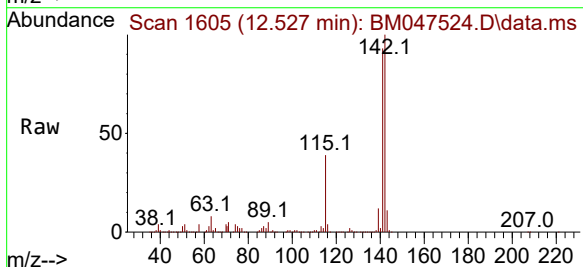
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BNA\_M  
ClientSampleId :  
SSTDICCC040

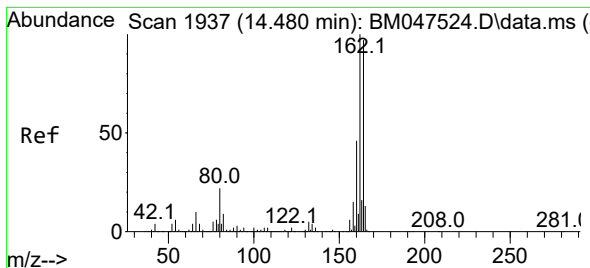
Tgt Ion:142 Resp: 2350065  
Ion Ratio Lower Upper  
142 100  
141 90.3 72.2 108.4  
115 36.4 29.1 43.7



#38  
1-Methylnaphthalene  
Concen: 43.448 ng  
RT: 12.527 min Scan# 1605  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:142 Resp: 2315698  
Ion Ratio Lower Upper  
142 100  
141 93.4 74.7 112.1  
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

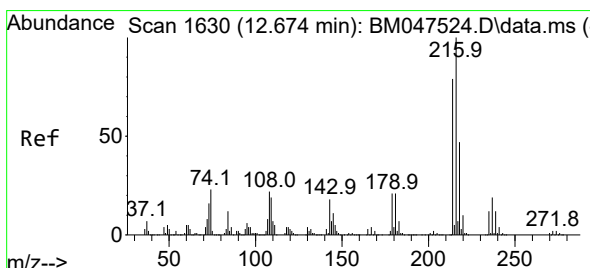
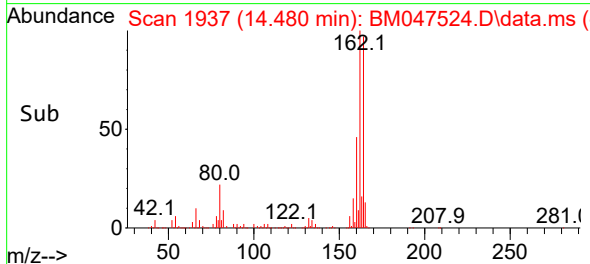
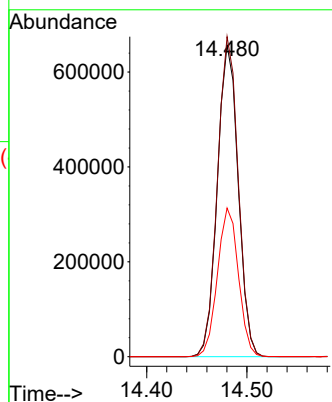
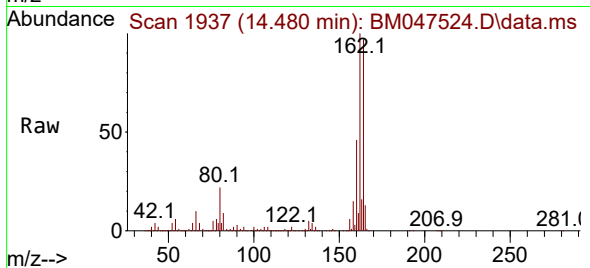
Tgt Ion:164 Resp: 947755

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.2

160 47.7 38.2 57.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.984 ng

RT: 12.674 min Scan# 1630

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Tgt Ion:216 Resp: 1037544

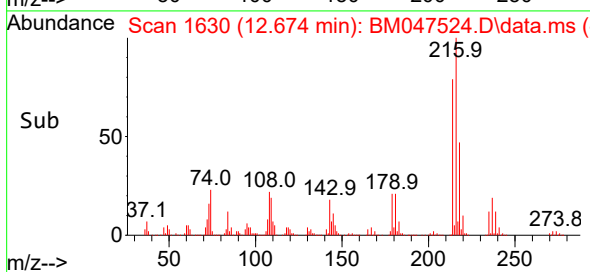
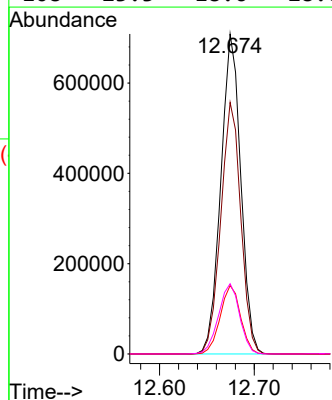
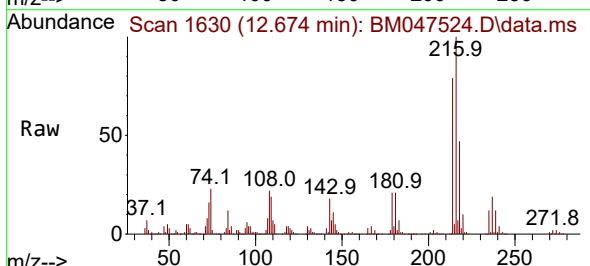
Ion Ratio Lower Upper

216 100

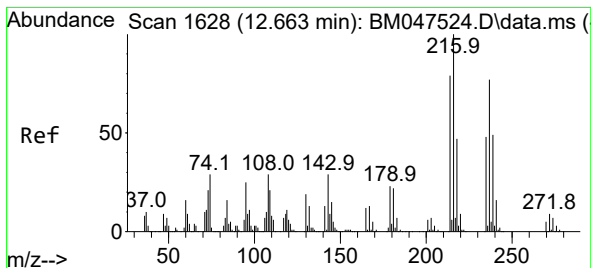
214 78.8 63.0 94.6

179 21.9 17.5 26.3

108 23.3 18.6 28.0







#41

Hexachlorocyclopentadiene

Concen: 67.557 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

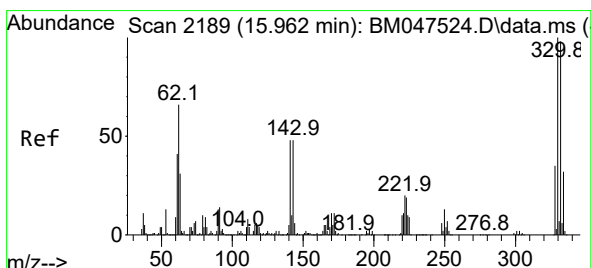
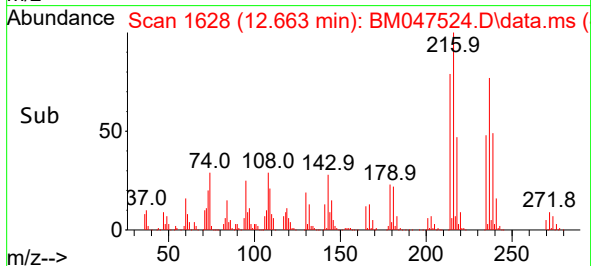
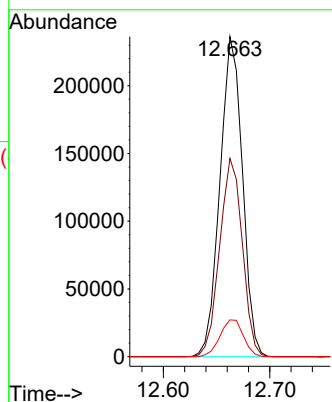
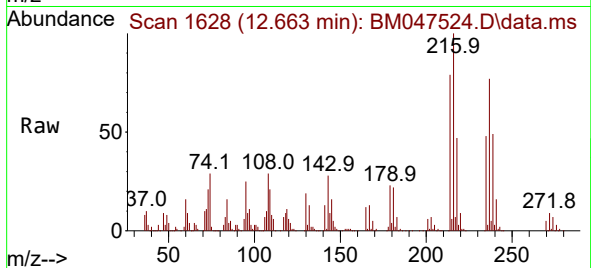
Tgt Ion:237 Resp: 346149

Ion Ratio Lower Upper

237 100

235 62.0 42.0 82.0

272 11.5 0.0 31.5



#42

2,4,6-Tribromophenol

Concen: 74.344 ng

RT: 15.962 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

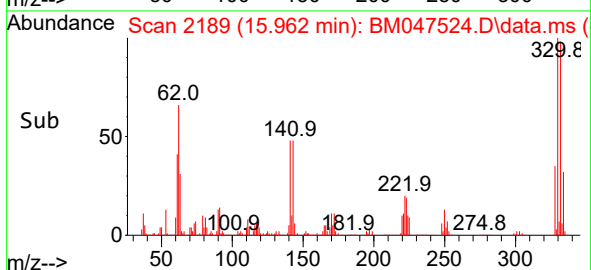
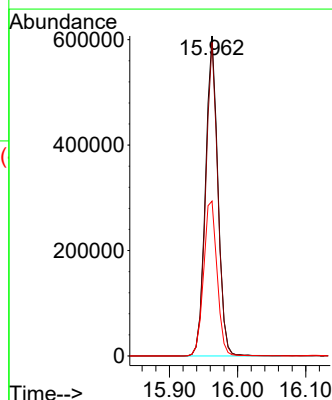
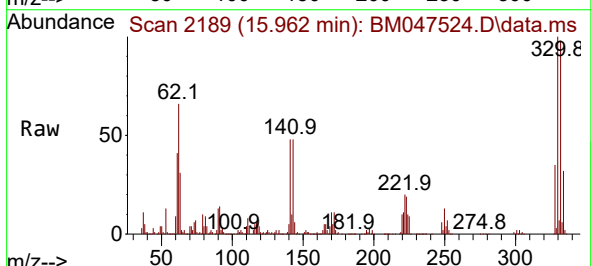
Tgt Ion:330 Resp: 767403

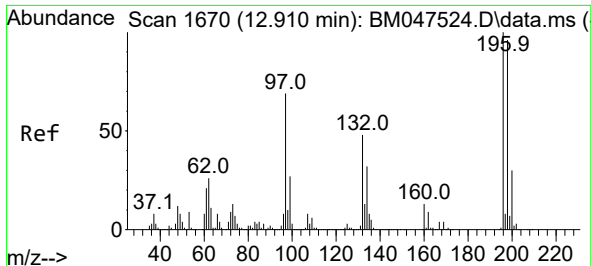
Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 52.7 42.2 63.2





#43

2,4,6-Trichlorophenol

Concen: 37.016 ng

RT: 12.910 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

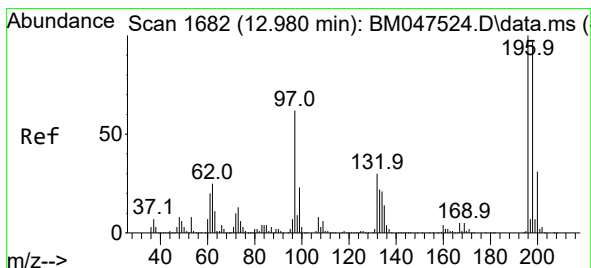
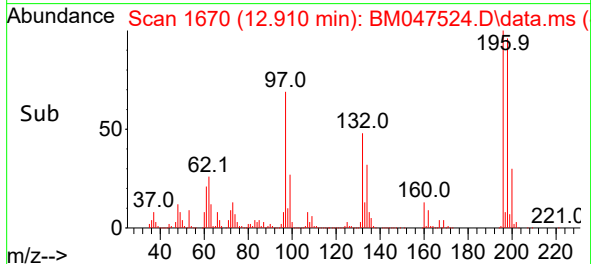
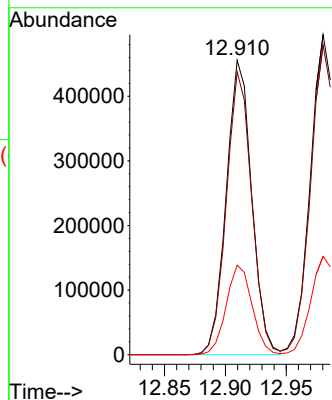
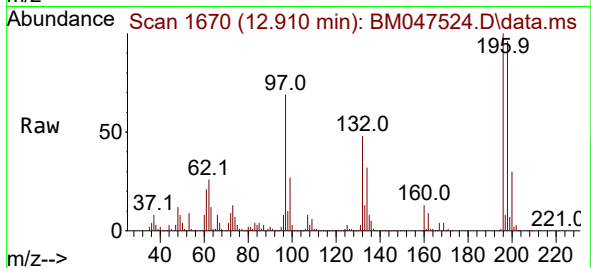
Tgt Ion:196 Resp: 663467

Ion Ratio Lower Upper

196 100

198 96.1 76.9 115.3

200 30.4 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 38.700 ng

RT: 12.980 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Tgt Ion:196 Resp: 749195

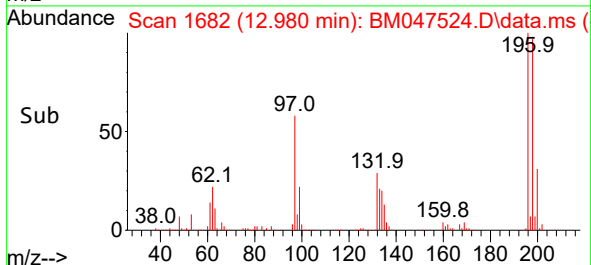
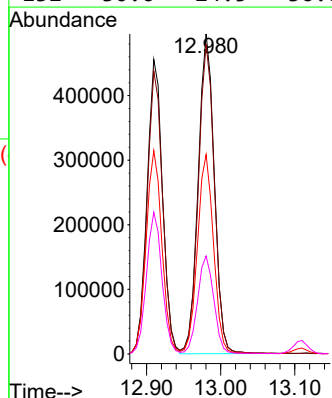
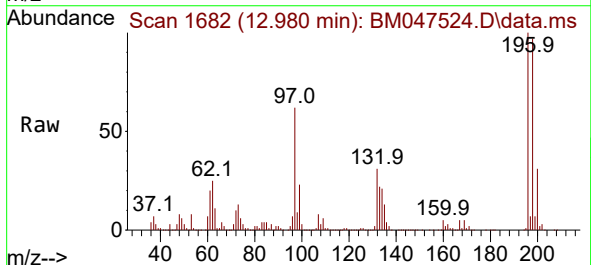
Ion Ratio Lower Upper

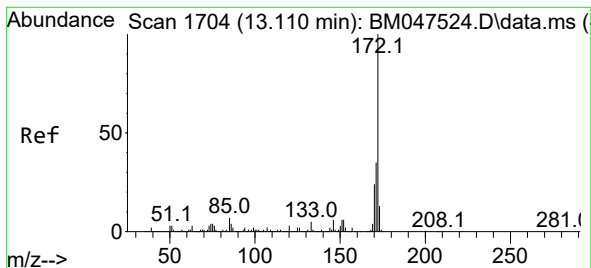
196 100

198 96.8 77.4 116.2

97 62.3 49.8 74.8

132 30.6 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 93.794 ng

RT: 13.110 min Scan# 1704

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

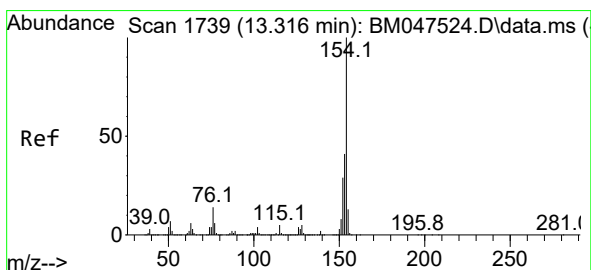
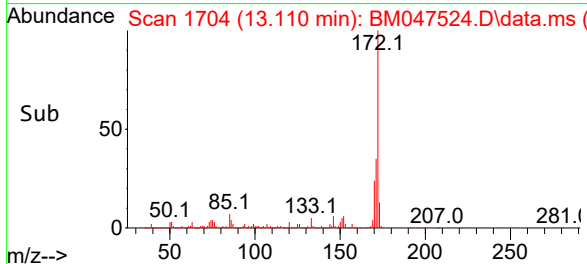
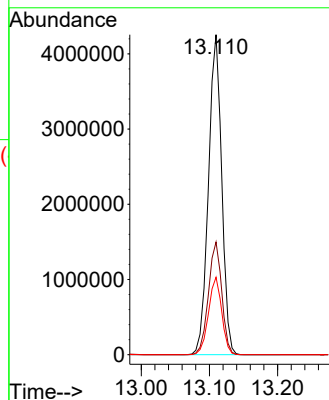
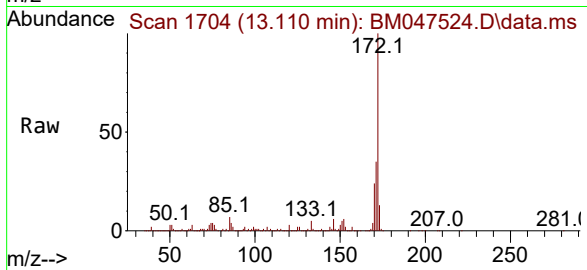
Tgt Ion:172 Resp: 5743669

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 24.2 19.4 29.0



#46

1,1'-Biphenyl

Concen: 44.149 ng

RT: 13.316 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

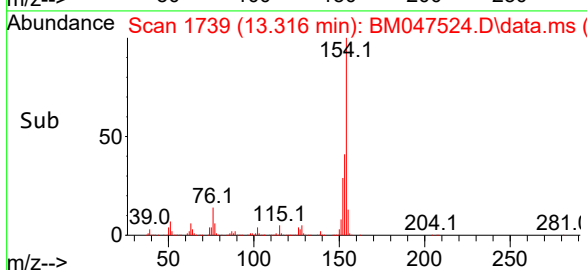
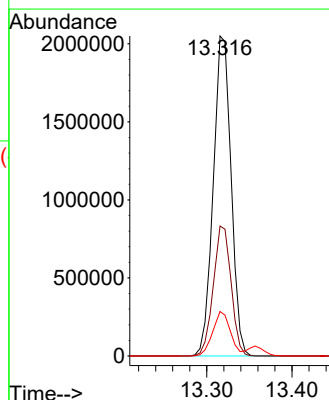
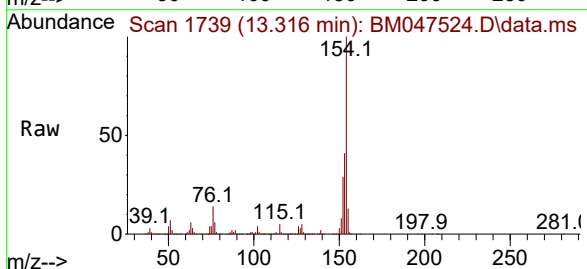
Tgt Ion:154 Resp: 2977591

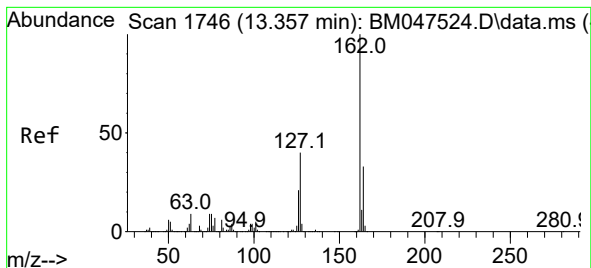
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 13.9 0.0 33.9

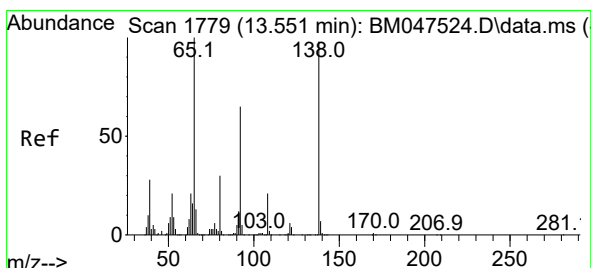
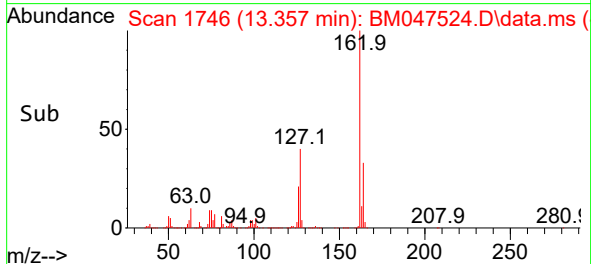
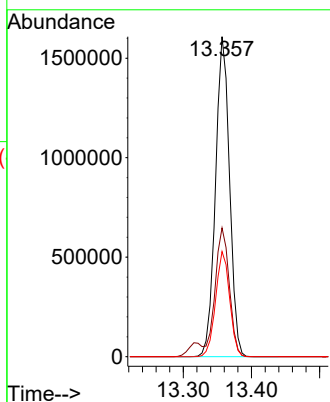
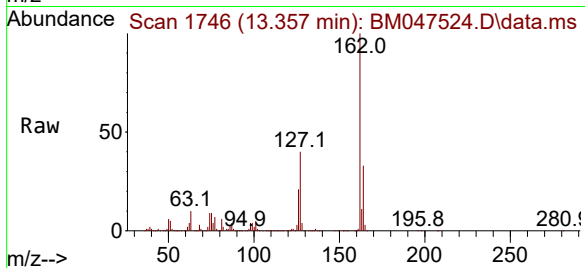




#47  
2-Chloronaphthalene  
Concen: 44.070 ng  
RT: 13.357 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

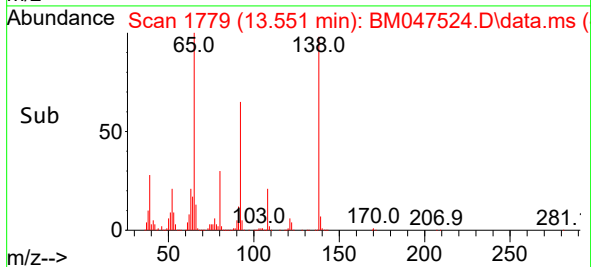
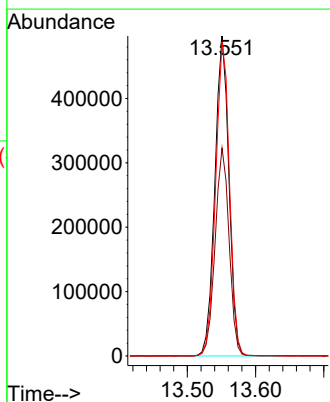
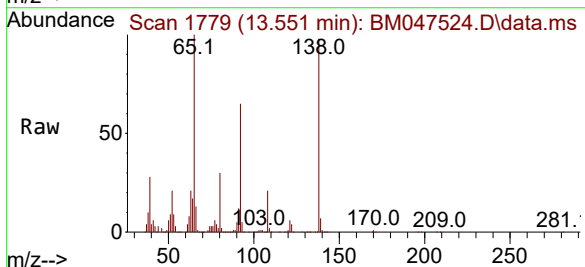
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

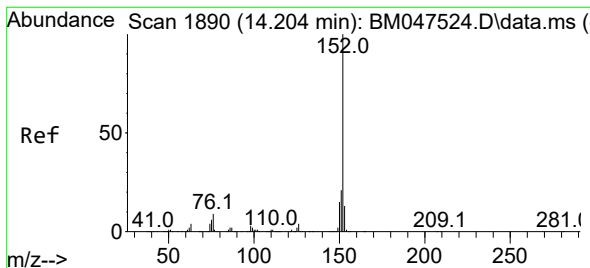
Tgt Ion:162 Resp: 2309174  
Ion Ratio Lower Upper  
162 100  
127 40.3 32.2 48.4  
164 32.9 26.3 39.5



#48  
2-Nitroaniline  
Concen: 39.924 ng  
RT: 13.551 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion: 65 Resp: 711905  
Ion Ratio Lower Upper  
65 100  
92 64.9 51.9 77.9  
138 98.1 78.5 117.7





#49

Acenaphthylene

Concen: 44.168 ng

RT: 14.204 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

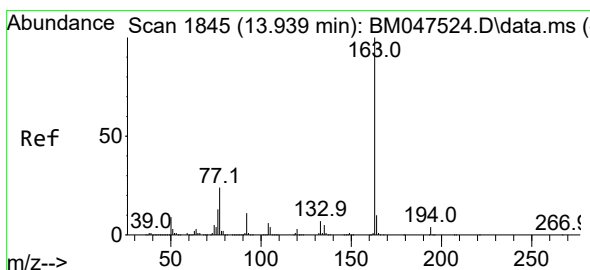
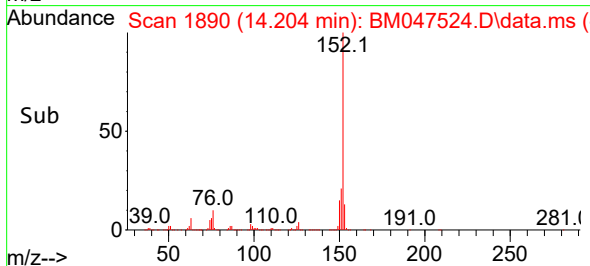
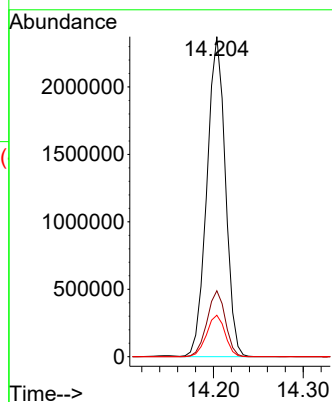
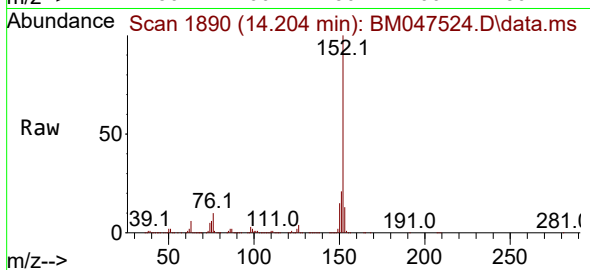
Tgt Ion:152 Resp: 3389381

Ion Ratio Lower Upper

152 100

151 20.6 16.5 24.7

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 41.410 ng

RT: 13.939 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

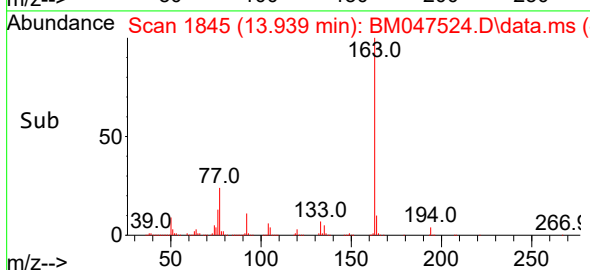
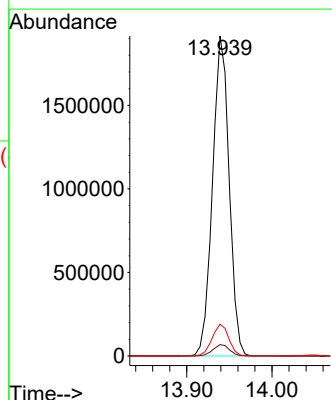
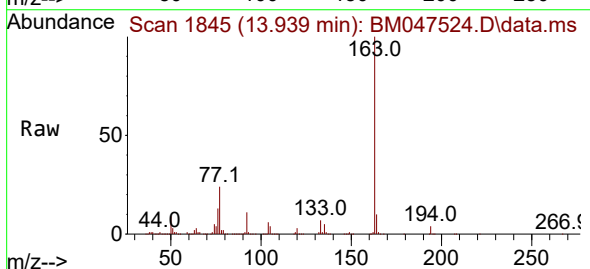
Tgt Ion:163 Resp: 2601271

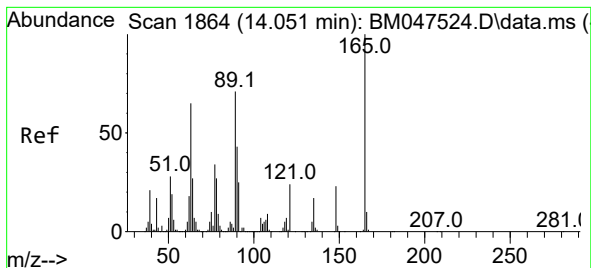
Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

164 9.9 7.9 11.9

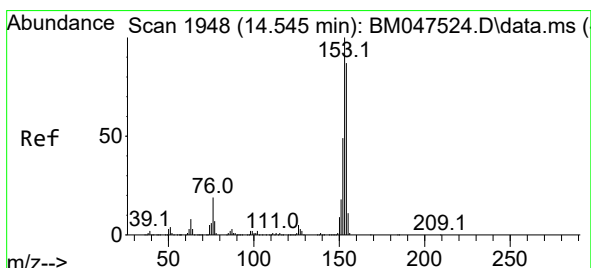
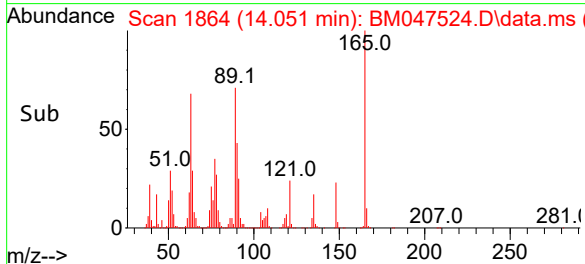
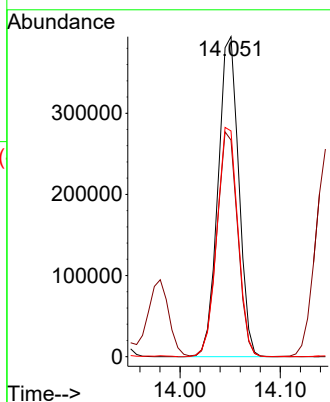
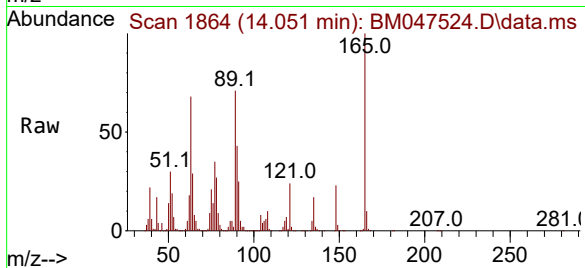




#51  
2,6-Dinitrotoluene  
Concen: 38.297 ng  
RT: 14.051 min Scan# 1864  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

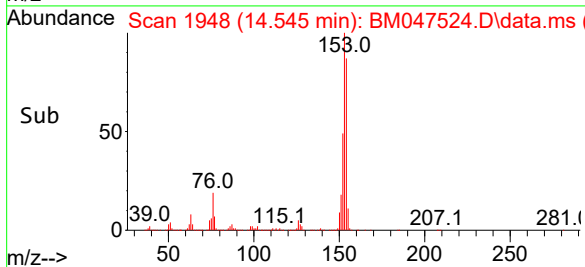
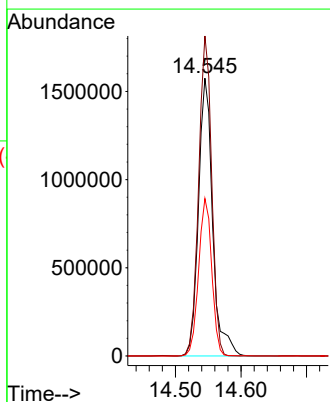
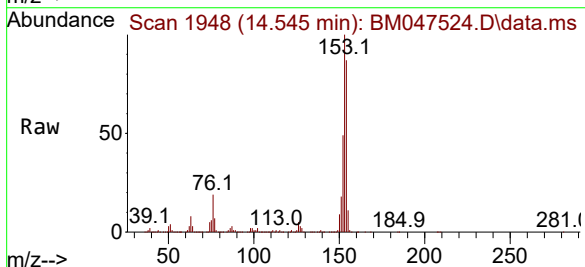
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

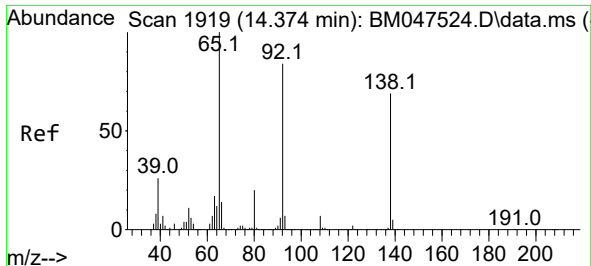
Tgt Ion:165 Resp: 562396  
Ion Ratio Lower Upper  
165 100  
63 67.7 54.2 81.2  
89 70.5 56.4 84.6



#52  
Acenaphthene  
Concen: 48.647 ng  
RT: 14.545 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:154 Resp: 2363816  
Ion Ratio Lower Upper  
154 100  
153 115.2 92.2 138.2  
152 56.7 45.4 68.0

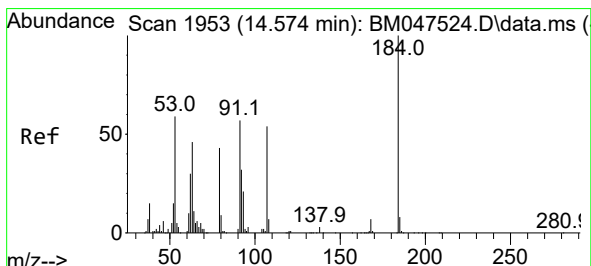
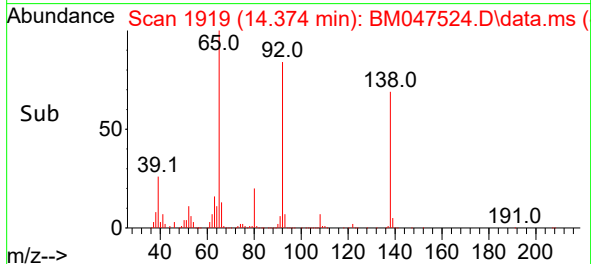
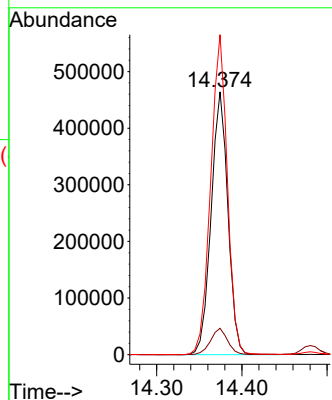
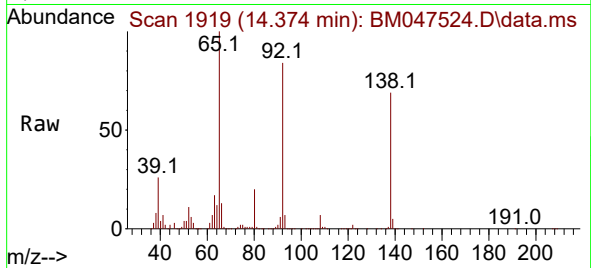




#53  
3-Nitroaniline  
Concen: 43.970 ng  
RT: 14.374 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

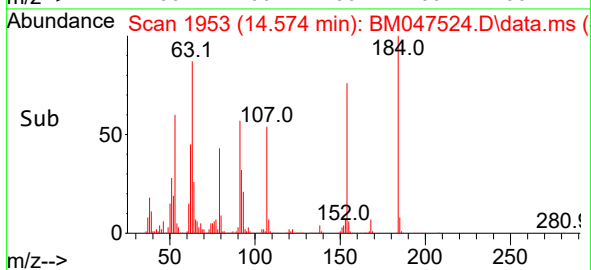
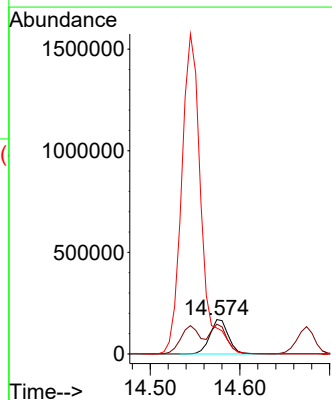
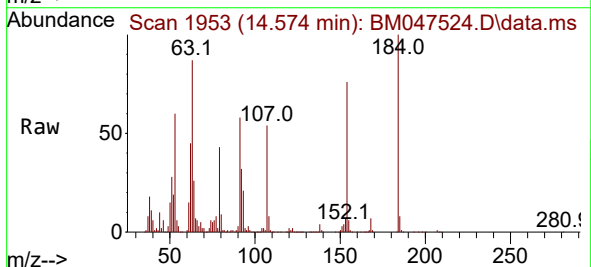
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

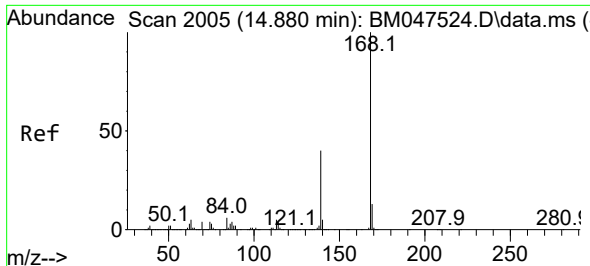
Tgt Ion:138 Resp: 636300  
Ion Ratio Lower Upper  
138 100  
108 10.0 8.0 12.0  
92 121.7 97.4 146.0



#54  
2,4-Dinitrophenol  
Concen: 32.686 ng  
RT: 14.574 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:184 Resp: 242408  
Ion Ratio Lower Upper  
184 100  
63 86.7 69.4 104.0  
154 75.5 60.4 90.6

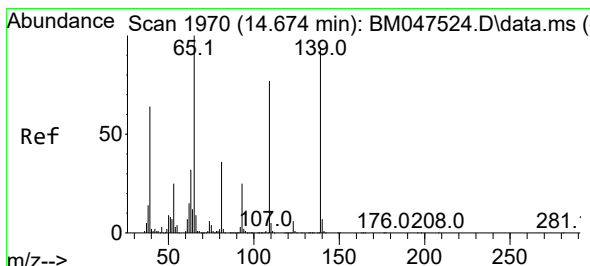
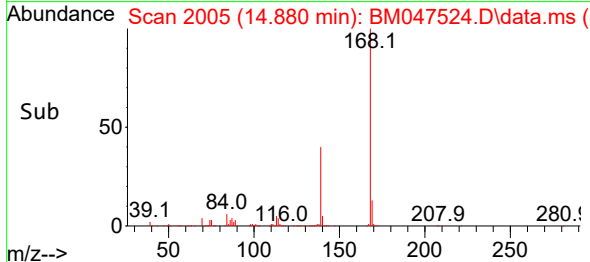
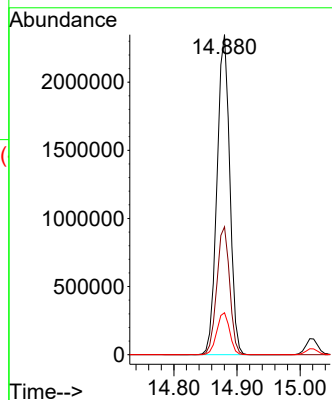
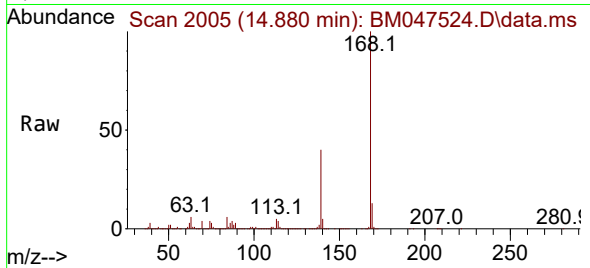




#55  
Dibenzofuran  
Concen: 43.186 ng  
RT: 14.880 min Scan# 2005  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

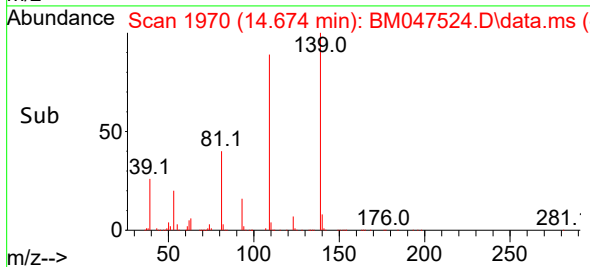
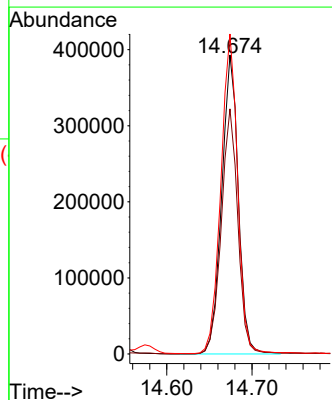
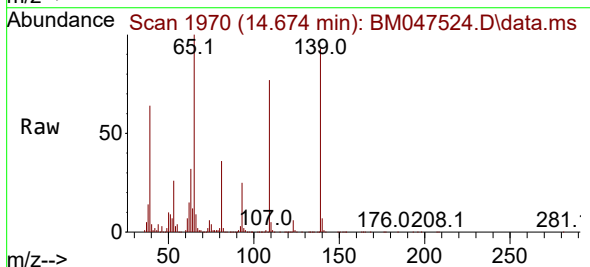
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

Tgt Ion:168 Resp: 3286806  
Ion Ratio Lower Upper  
168 100  
139 39.9 31.9 47.9  
169 13.1 10.5 15.7

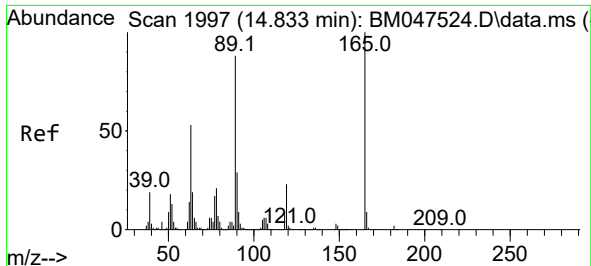


#56  
4-Nitrophenol  
Concen: 45.119 ng  
RT: 14.674 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:139 Resp: 533596  
Ion Ratio Lower Upper  
139 100  
109 82.0 62.0 102.0  
65 107.0 87.0 127.0







#57

2,4-Dinitrotoluene

Concen: 40.365 ng

RT: 14.833 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 772430

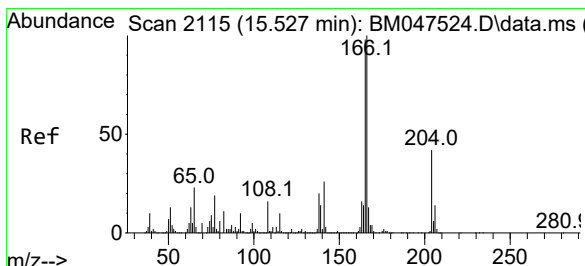
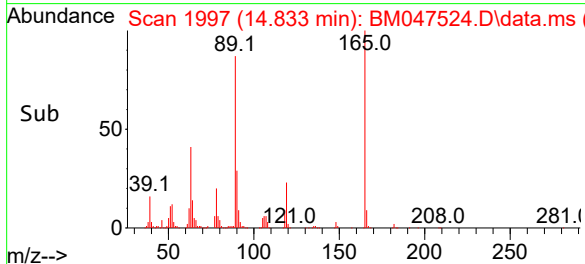
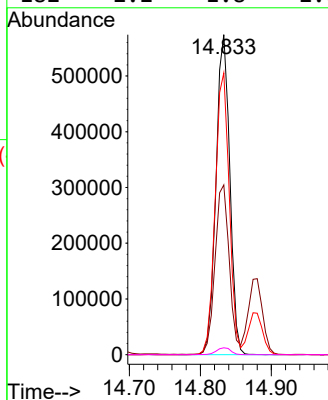
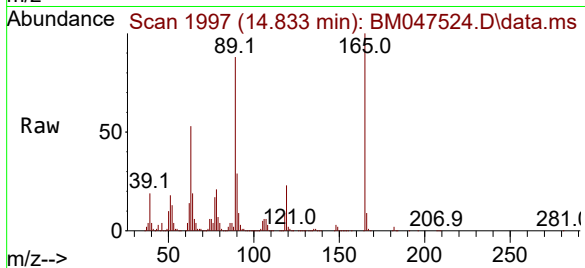
Ion Ratio Lower Upper

165 100

63 53.0 42.4 63.6

89 88.1 70.5 105.7

182 2.2 1.8 2.6



#58

Fluorene

Concen: 51.125 ng

RT: 15.527 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

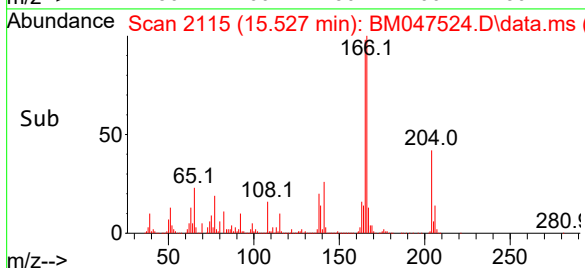
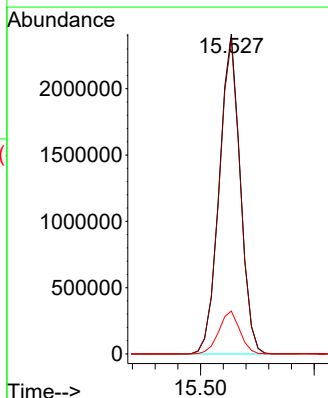
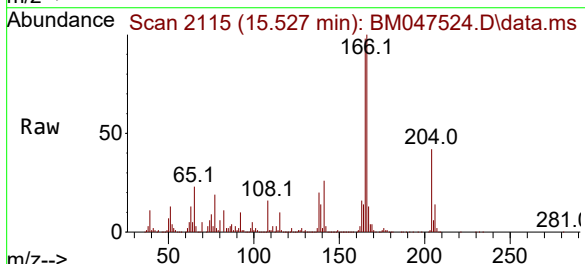
Tgt Ion:166 Resp: 3089638

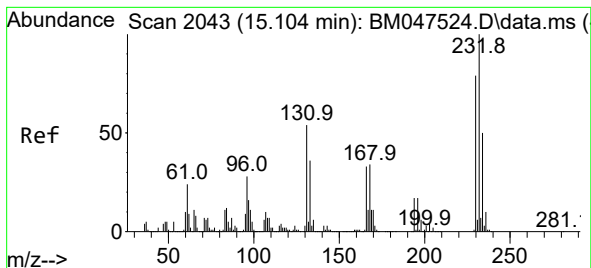
Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

167 13.4 10.7 16.1

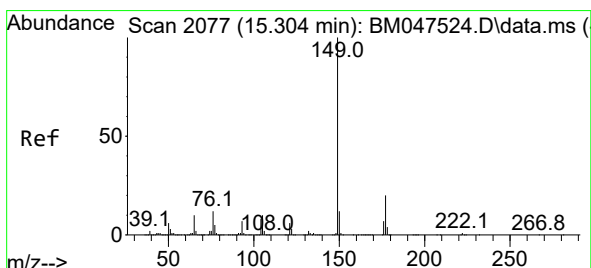
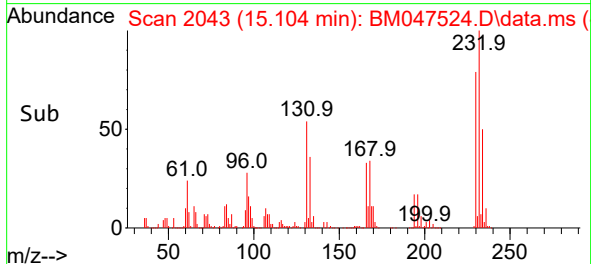
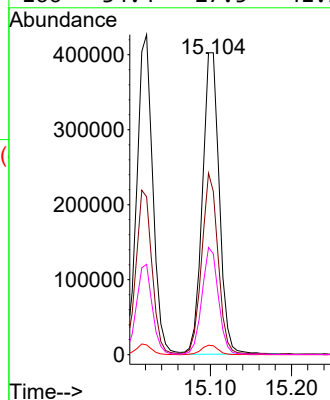
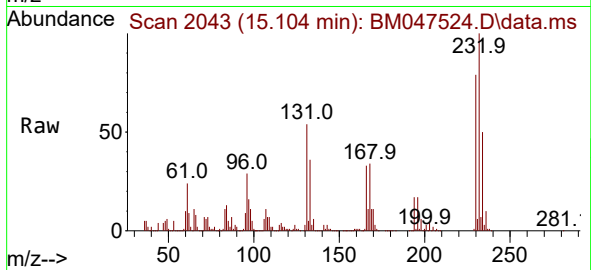




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.089 ng  
RT: 15.104 min Scan# 2043  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

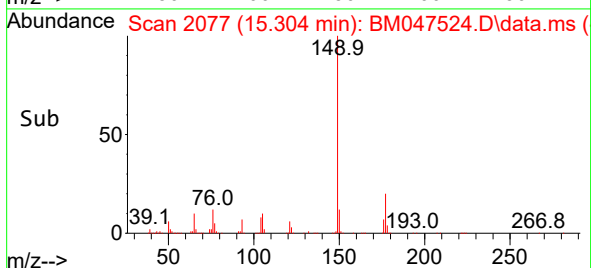
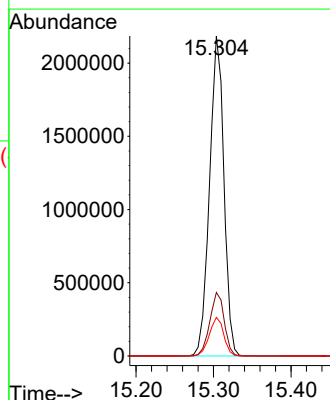
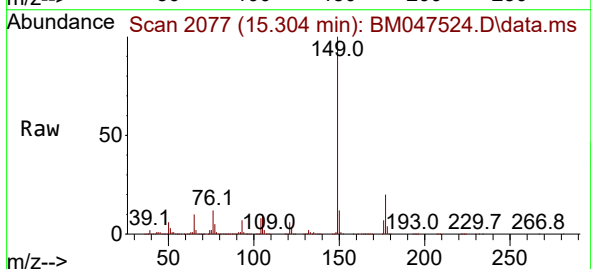
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

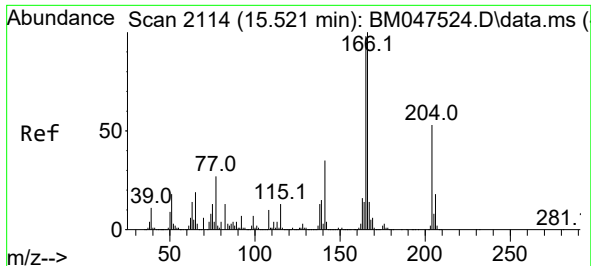
Tgt Ion:232 Resp: 580263  
Ion Ratio Lower Upper  
232 100  
131 58.7 47.0 70.4  
130 3.2 2.6 3.8  
166 34.4 27.5 41.3



#60  
Diethylphthalate  
Concen: 44.191 ng  
RT: 15.304 min Scan# 2077  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:149 Resp: 2809721  
Ion Ratio Lower Upper  
149 100  
177 19.8 15.8 23.8  
150 12.1 9.7 14.5

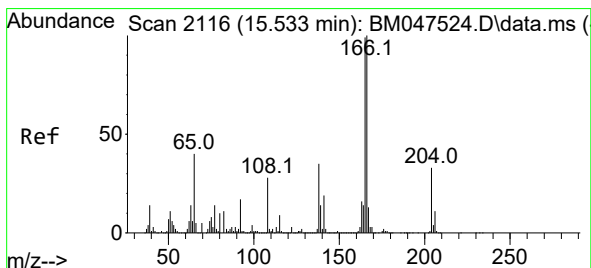
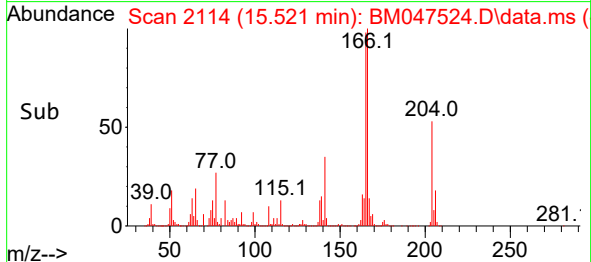
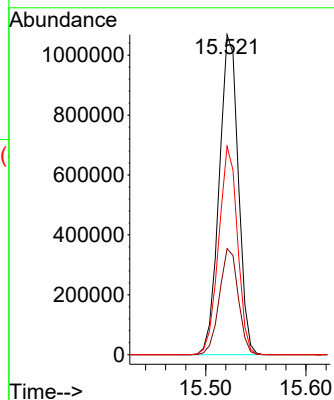
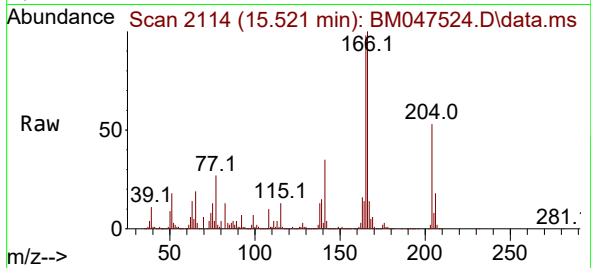




#61  
4-Chlorophenyl-phenylether  
Concen: 47.487 ng  
RT: 15.521 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

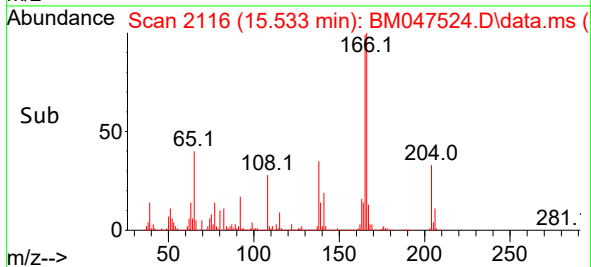
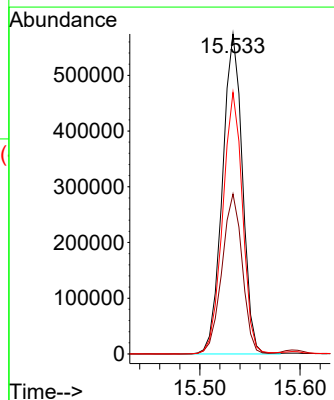
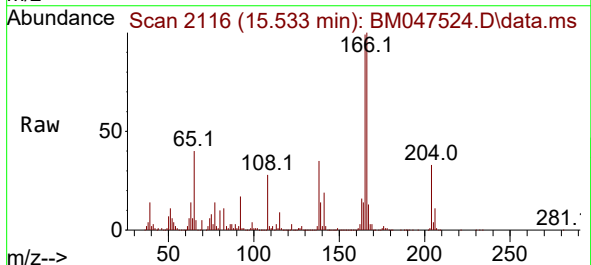
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

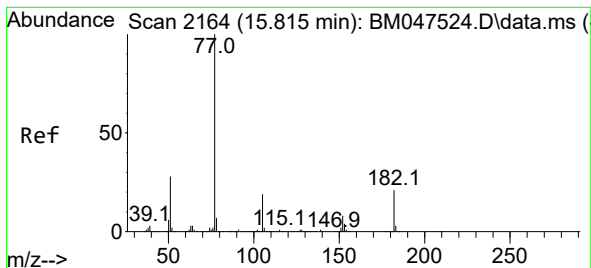
Tgt Ion:204 Resp: 1409661  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.5 39.7  
141 65.1 52.1 78.1



#62  
4-Nitroaniline  
Concen: 56.461 ng  
RT: 15.533 min Scan# 2116  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:138 Resp: 795712  
Ion Ratio Lower Upper  
138 100  
92 50.0 30.0 70.0  
108 81.7 61.7 101.7





#63

Azobenzene

Concen: 50.627 ng

RT: 15.815 min Scan# 2164

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 3134877

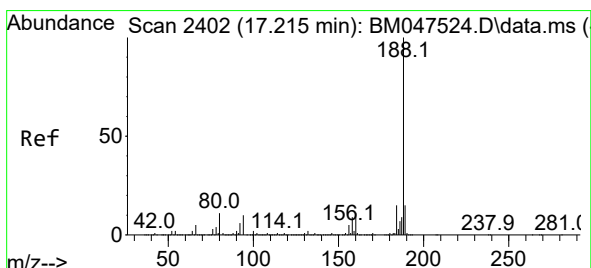
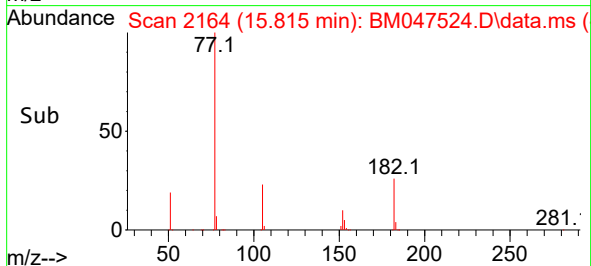
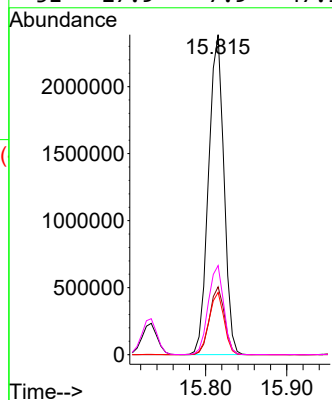
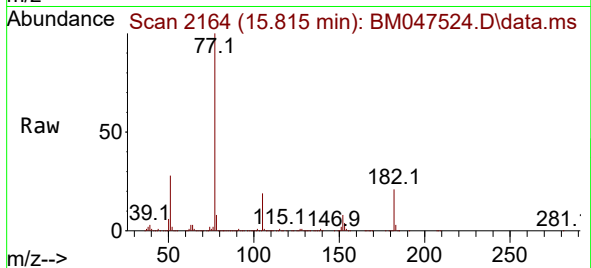
Ion Ratio Lower Upper

77 100

182 21.2 1.2 41.2

105 19.4 0.0 39.4

51 27.9 7.9 47.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.215 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

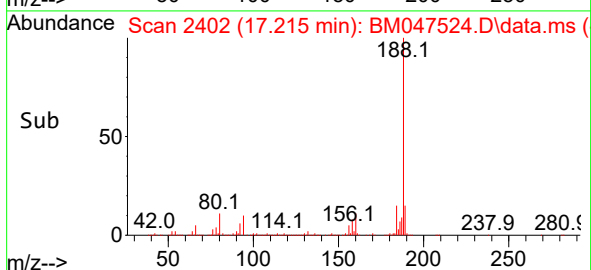
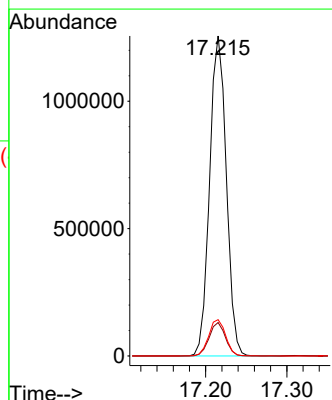
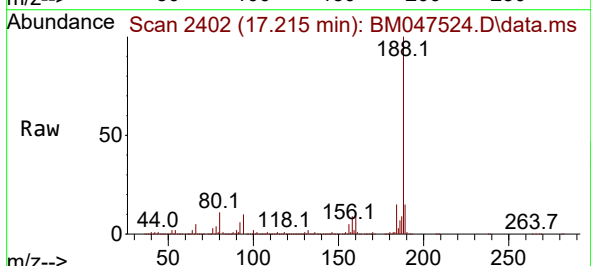
Tgt Ion:188 Resp: 1792326

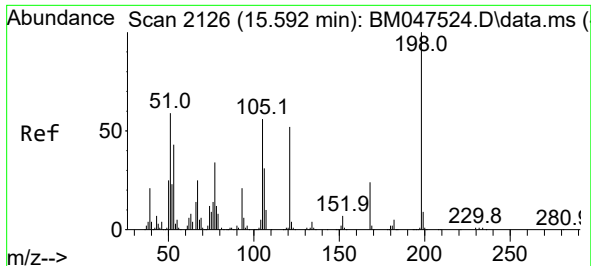
Ion Ratio Lower Upper

188 100

94 10.5 8.4 12.6

80 11.4 9.1 13.7

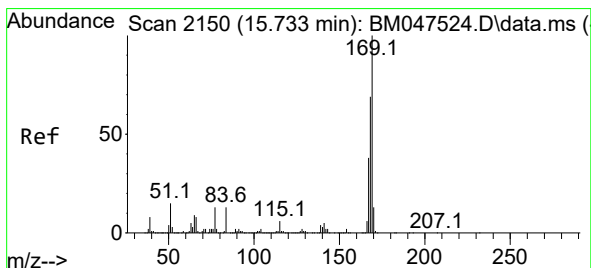
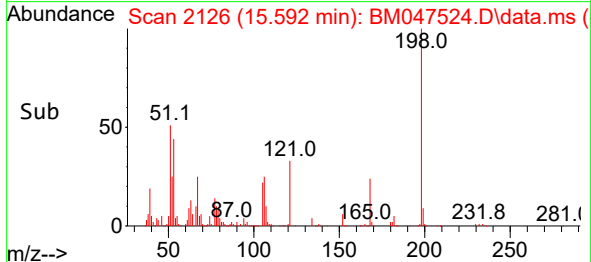
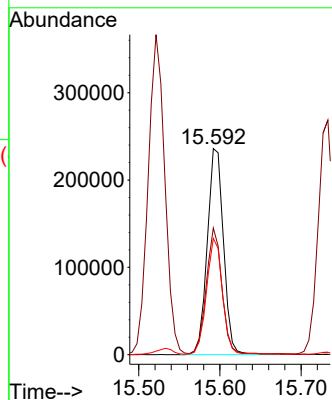
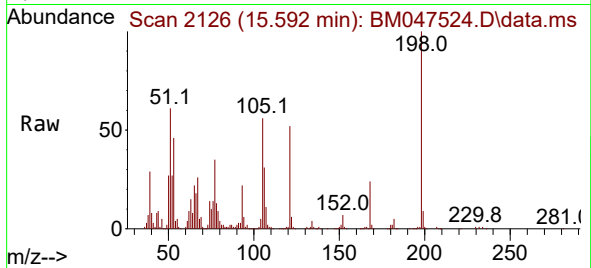




#65  
4,6-Dinitro-2-methylphenol  
Concen: 33.387 ng  
RT: 15.592 min Scan# 2126  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

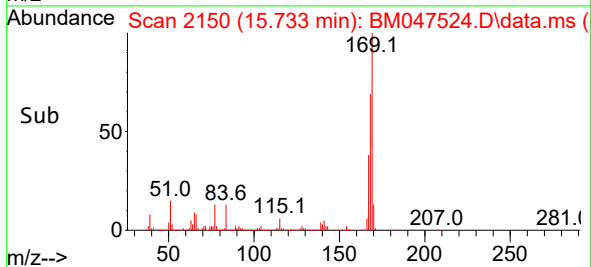
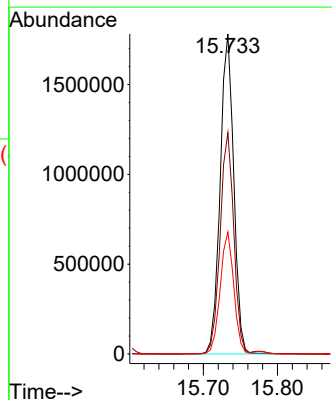
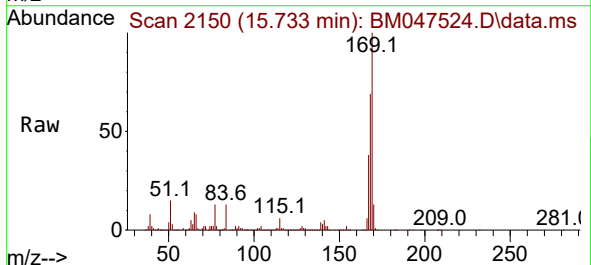
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

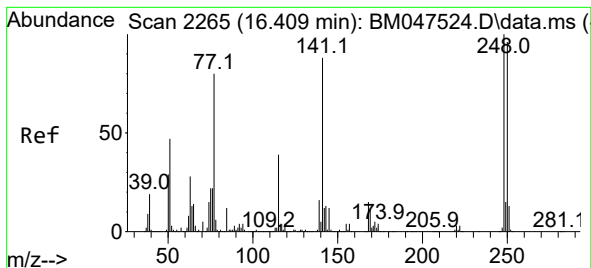
Tgt Ion:198 Resp: 327400  
Ion Ratio Lower Upper  
198 100  
51 61.5 41.5 81.5  
105 56.4 36.4 76.4



#66  
n-Nitrosodiphenylamine  
Concen: 46.218 ng  
RT: 15.733 min Scan# 2150  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:169 Resp: 2266693  
Ion Ratio Lower Upper  
169 100  
168 69.1 55.3 82.9  
167 38.1 30.5 45.7

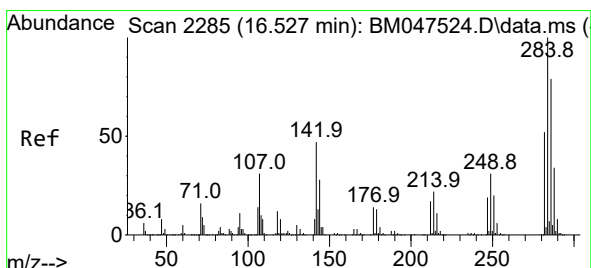
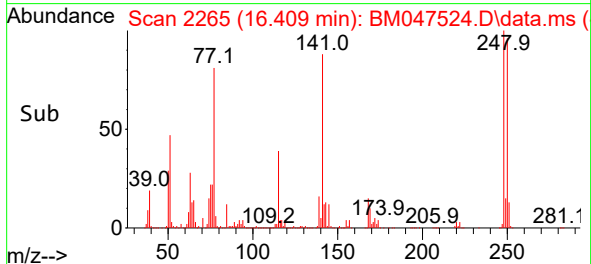
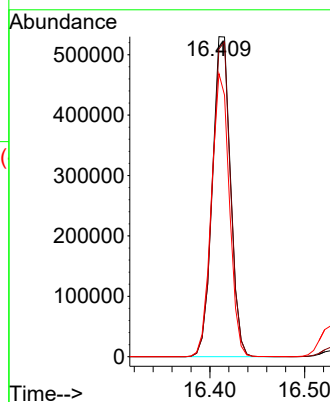
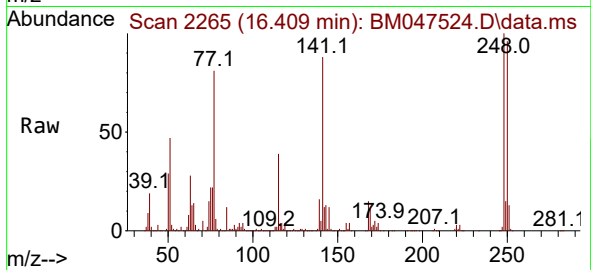




#67  
4-Bromophenyl-phenylether  
Concen: 40.074 ng  
RT: 16.409 min Scan# 2265  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

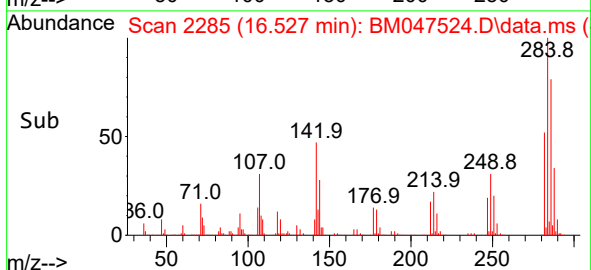
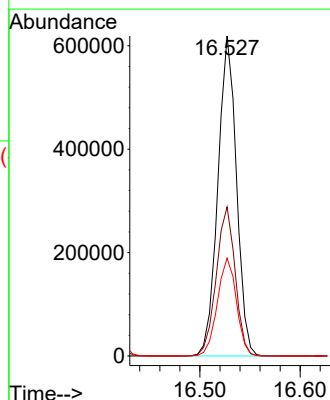
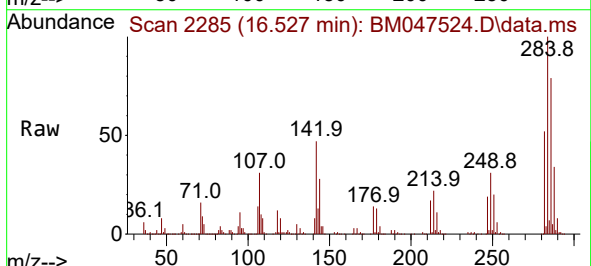
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

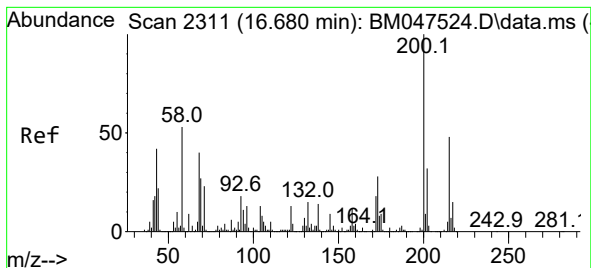
Tgt Ion:248 Resp: 705864  
Ion Ratio Lower Upper  
248 100  
250 96.1 76.9 115.3  
141 88.5 70.8 106.2



#68  
Hexachlorobenzene  
Concen: 38.938 ng  
RT: 16.527 min Scan# 2285  
Delta R.T. 0.000 min  
Lab File: BM047524.D  
Acq: 14 Sep 2024 14:35

Tgt Ion:284 Resp: 796111  
Ion Ratio Lower Upper  
284 100  
142 46.6 37.3 55.9  
249 30.6 24.5 36.7





#69

Atrazine

Concen: 53.569 ng

RT: 16.680 min Scan# 2311

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

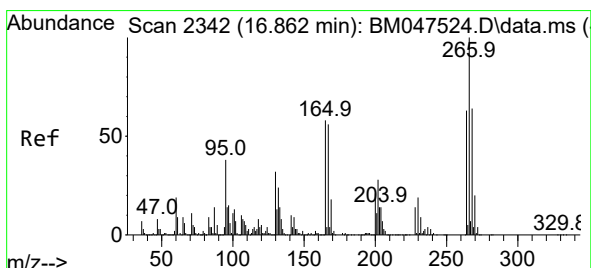
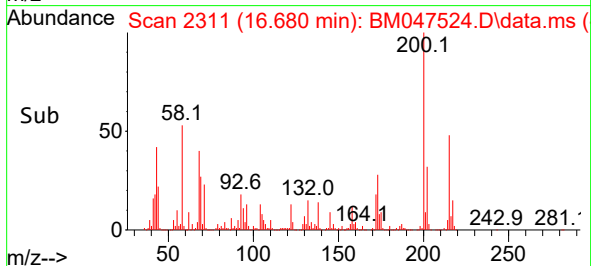
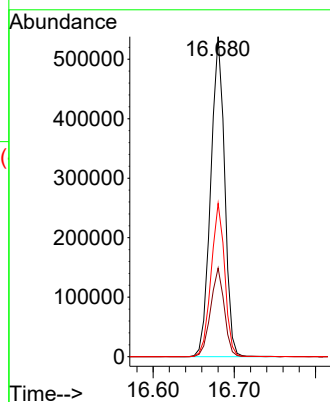
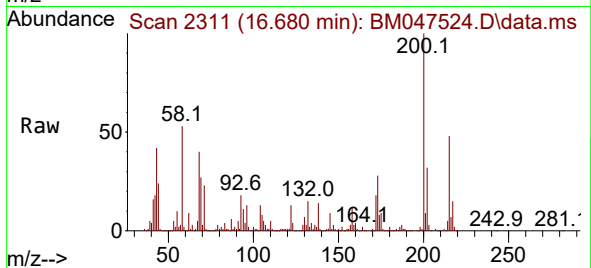
Tgt Ion:200 Resp: 638553

Ion Ratio Lower Upper

200 100

173 27.7 7.7 47.7

215 47.9 27.9 67.9



#70

Pentachlorophenol

Concen: 42.076 ng

RT: 16.862 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

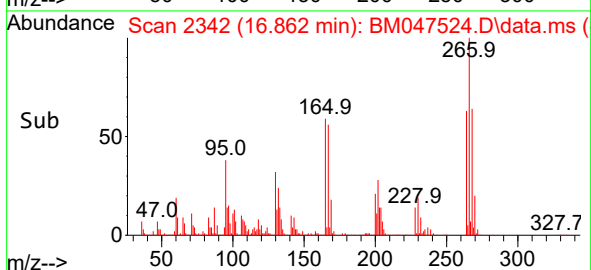
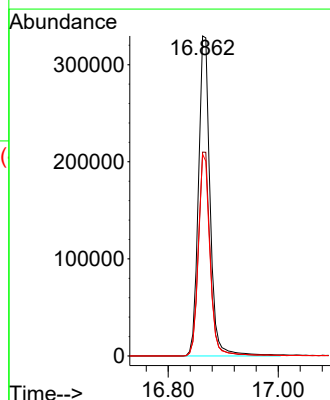
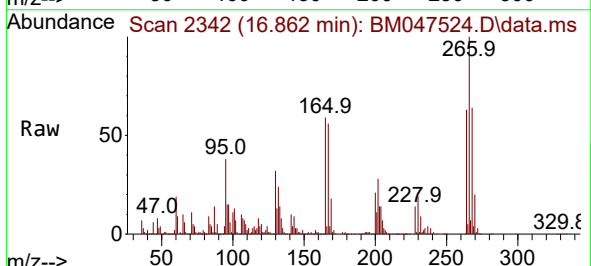
Tgt Ion:266 Resp: 486319

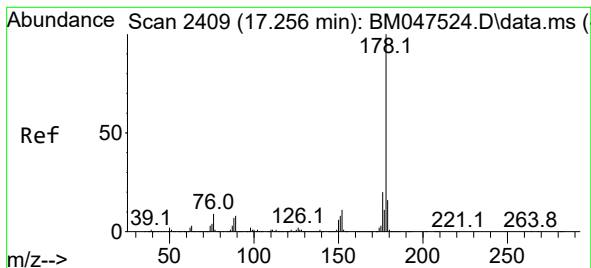
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.4

264 63.0 50.4 75.6





#71

Phenanthrene

Concen: 47.092 ng

RT: 17.256 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

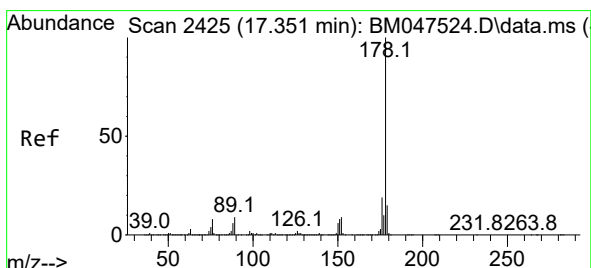
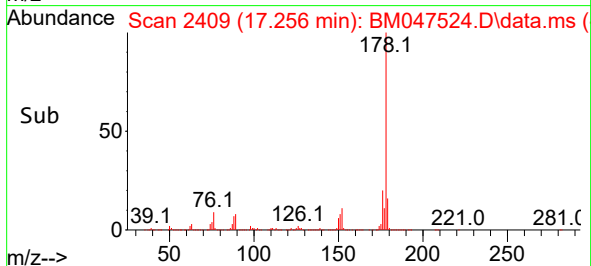
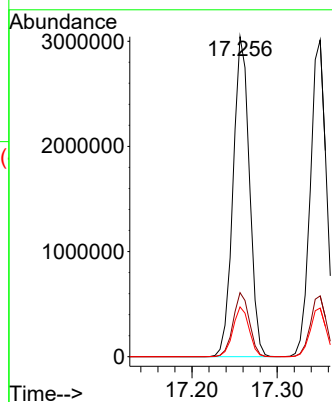
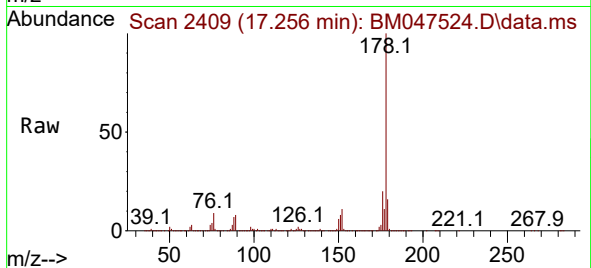
Tgt Ion:178 Resp: 4065837

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 15.5 12.4 18.6



#72

Anthracene

Concen: 46.485 ng

RT: 17.351 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

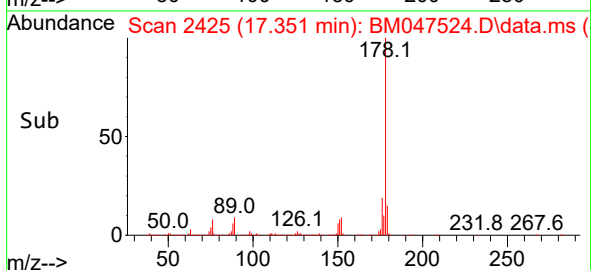
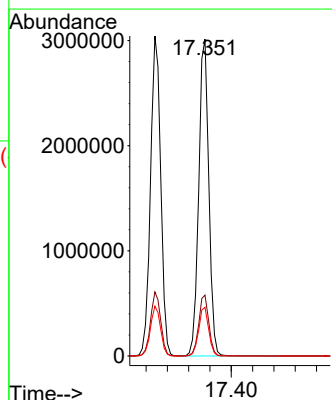
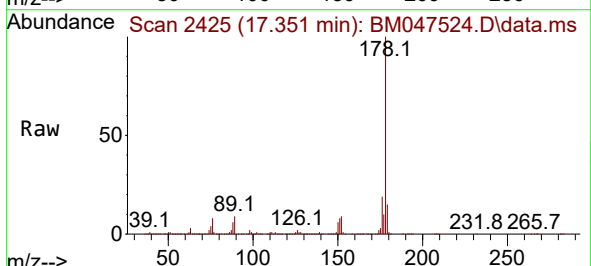
Tgt Ion:178 Resp: 3956786

Ion Ratio Lower Upper

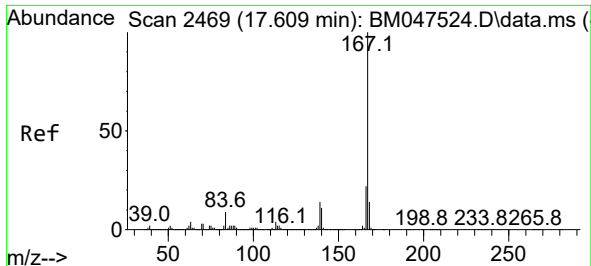
178 100

176 19.2 15.4 23.0

179 15.4 12.3 18.5



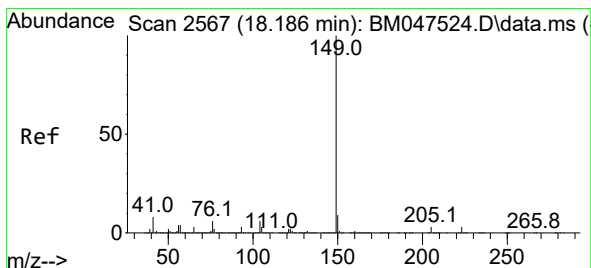
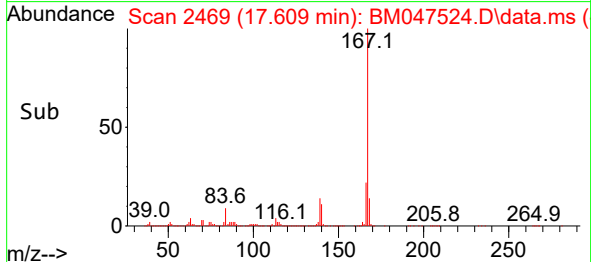
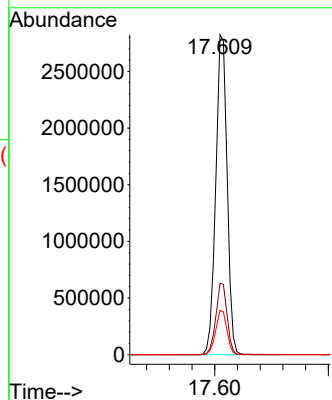
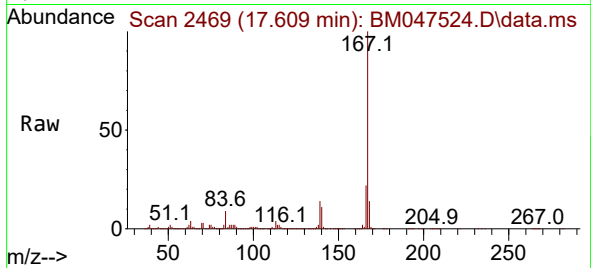




#73  
 Carbazole  
 Concen: 46.084 ng  
 RT: 17.609 min Scan# 2469  
 Delta R.T. 0.000 min  
 Lab File: BM047524.D  
 Acq: 14 Sep 2024 14:35

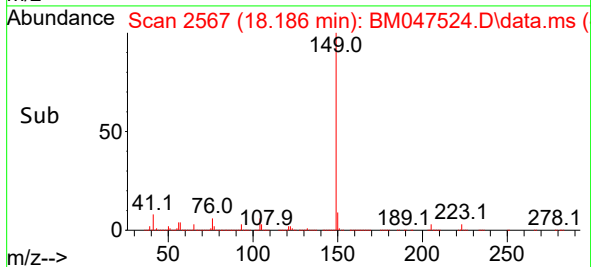
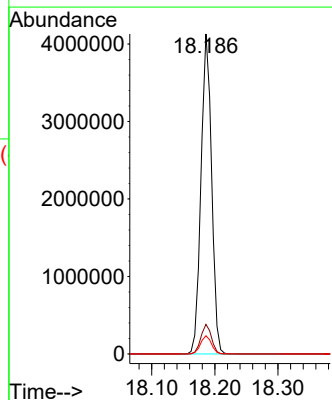
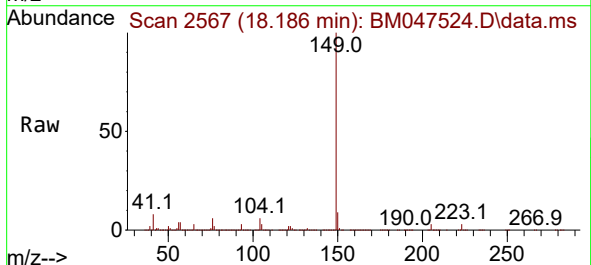
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

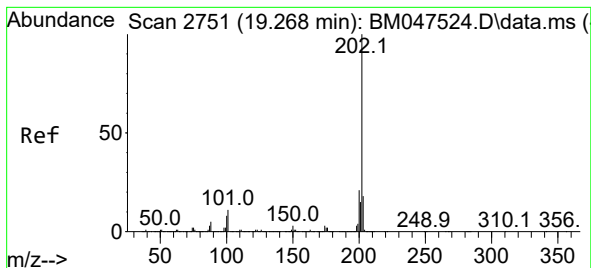
Tgt Ion:167 Resp: 3906452  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.8 26.8  
 139 13.8 11.0 16.6



#74  
 Di-n-butylphthalate  
 Concen: 46.790 ng  
 RT: 18.186 min Scan# 2567  
 Delta R.T. 0.000 min  
 Lab File: BM047524.D  
 Acq: 14 Sep 2024 14:35

Tgt Ion:149 Resp: 4803649  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.2  
 104 5.7 4.6 6.8





#75

Fluoranthene

Concen: 44.875 ng

RT: 19.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

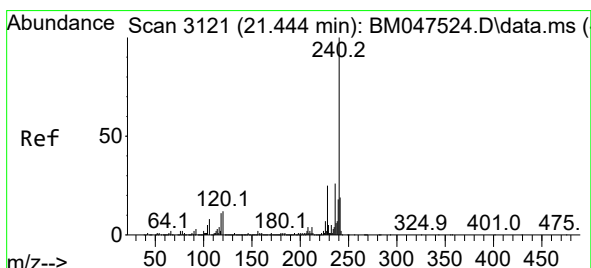
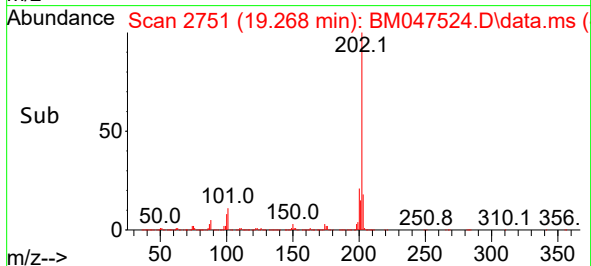
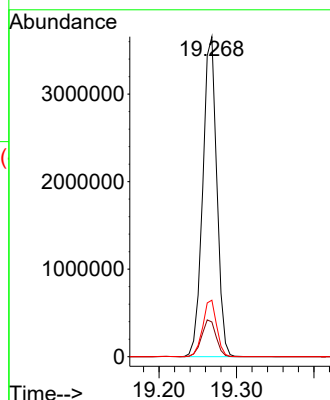
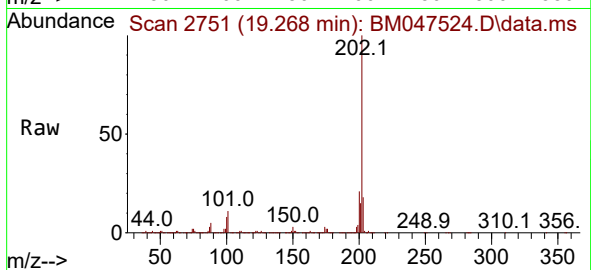
Tgt Ion:202 Resp: 4593392

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.8

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

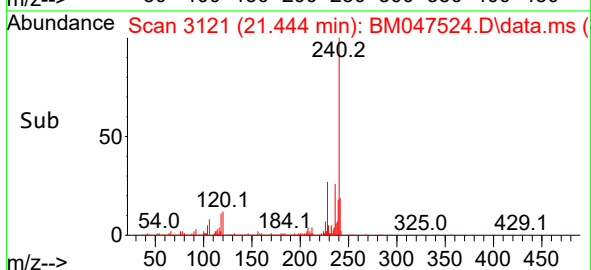
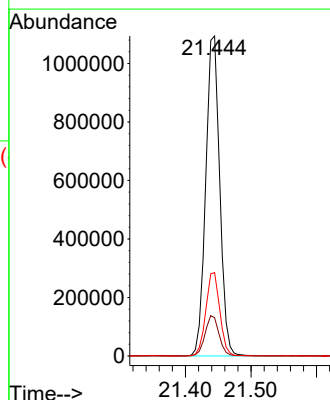
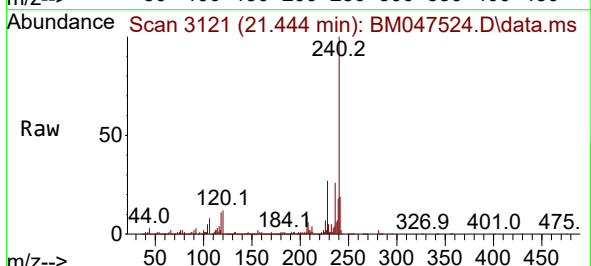
Tgt Ion:240 Resp: 1627798

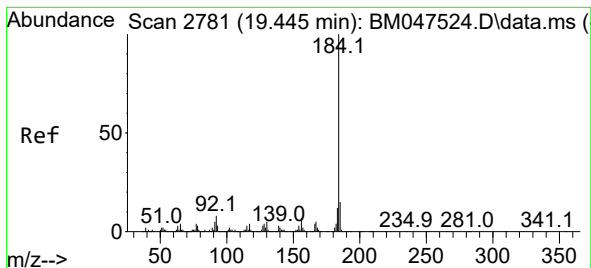
Ion Ratio Lower Upper

240 100

120 12.0 9.6 14.4

236 26.1 20.9 31.3





#77

Benzidine

Concen: 24.354 ng

RT: 19.445 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

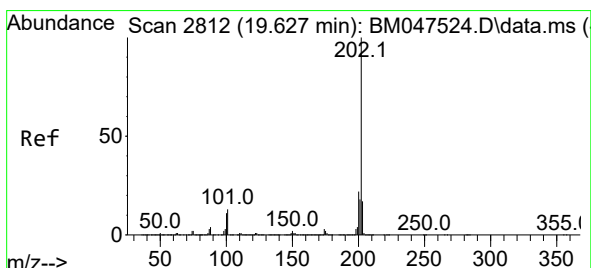
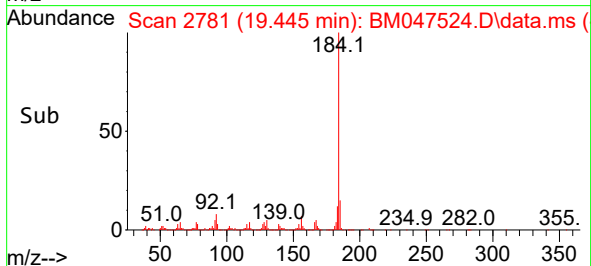
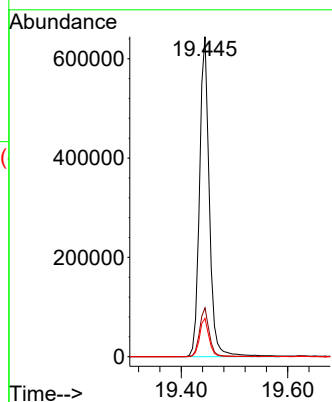
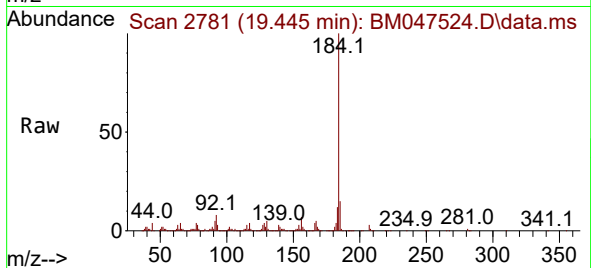
Tgt Ion:184 Resp: 825167

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

183 12.0 9.6 14.4



#78

Pyrene

Concen: 41.821 ng

RT: 19.627 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

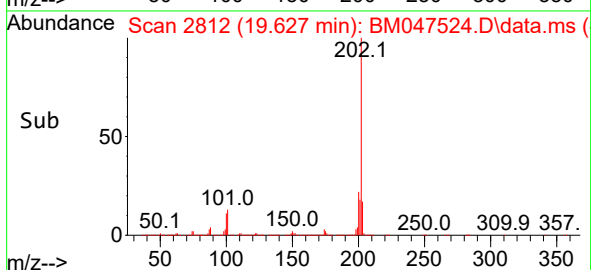
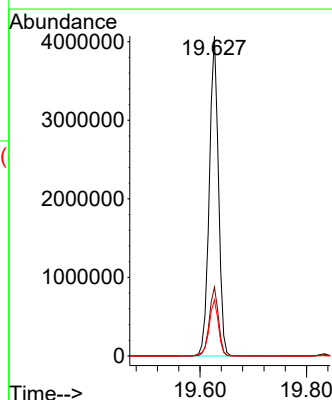
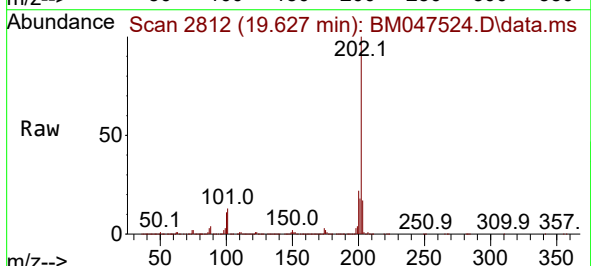
Tgt Ion:202 Resp: 4862723

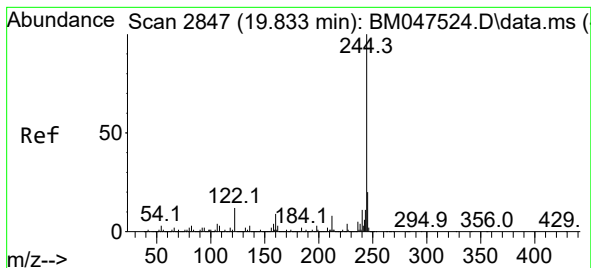
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 99.693 ng

RT: 19.833 min Scan# 2847

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

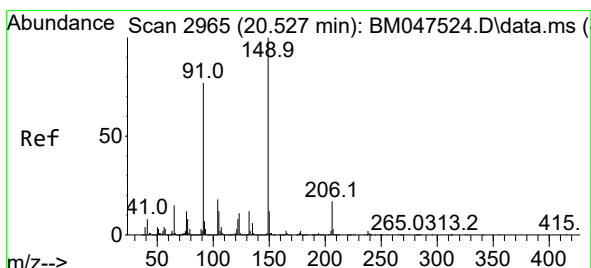
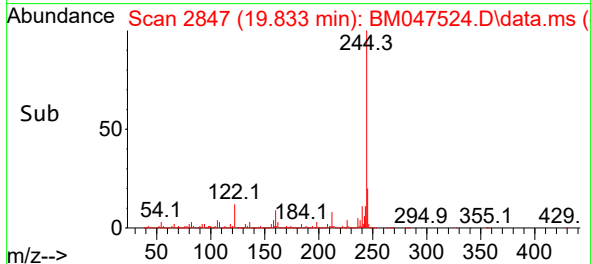
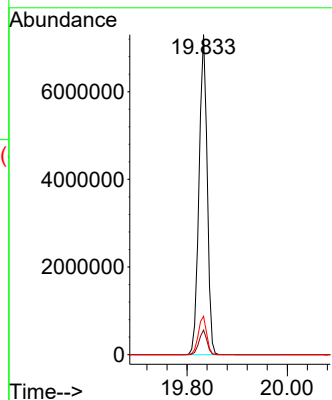
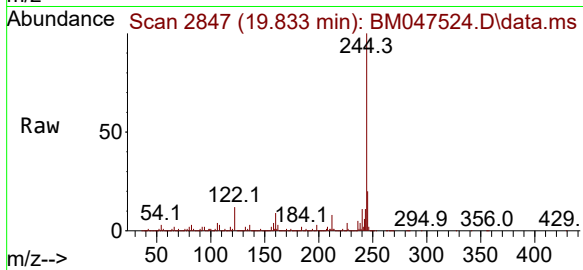
Tgt Ion:244 Resp: 8178683

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 12.0 9.6 14.4



#80

Butylbenzylphthalate

Concen: 38.617 ng

RT: 20.527 min Scan# 2965

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

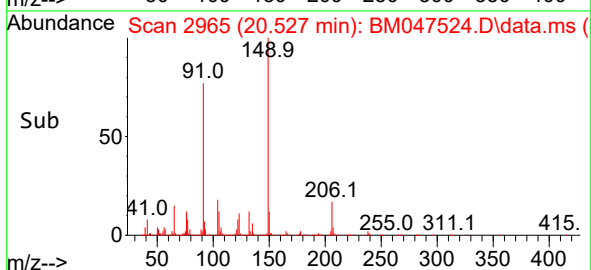
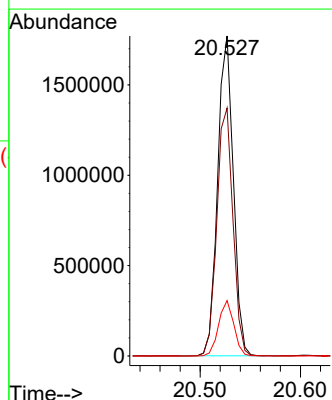
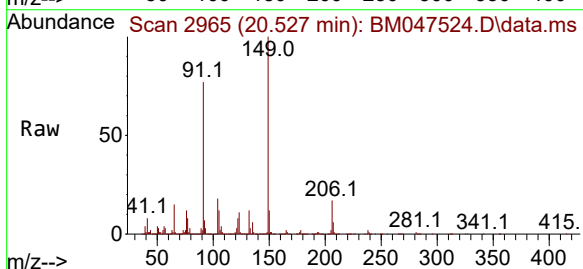
Tgt Ion:149 Resp: 1915535

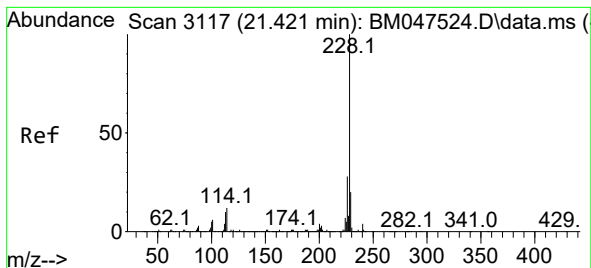
Ion Ratio Lower Upper

149 100

91 77.5 62.0 93.0

206 17.3 13.8 20.8





#81

Benzo(a)anthracene

Concen: 41.914 ng

RT: 21.421 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

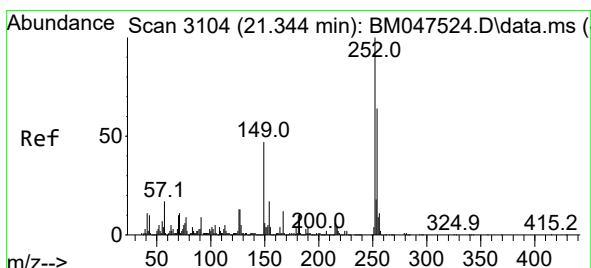
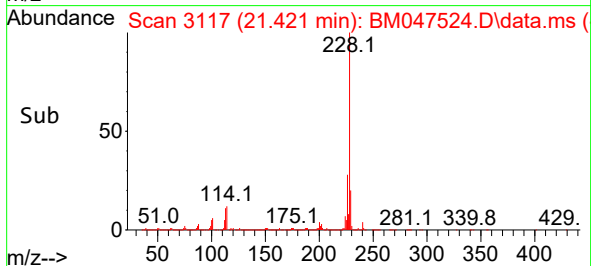
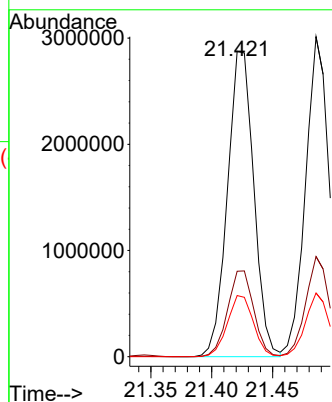
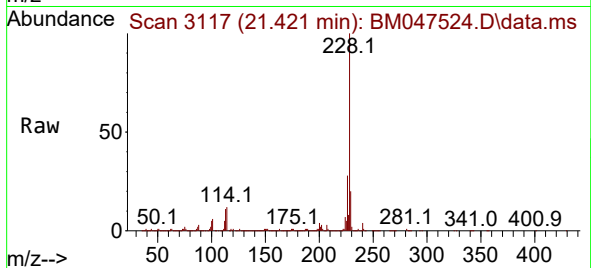
Tgt Ion:228 Resp: 4338226

Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 32.127 ng

RT: 21.344 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

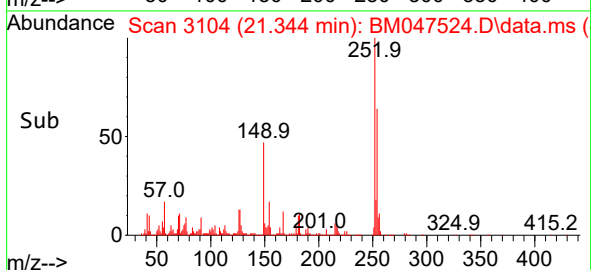
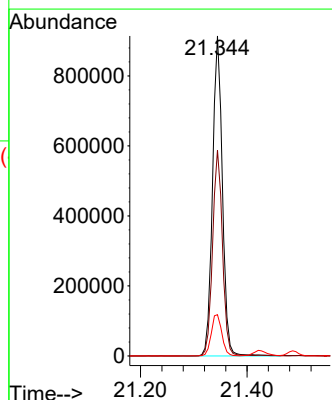
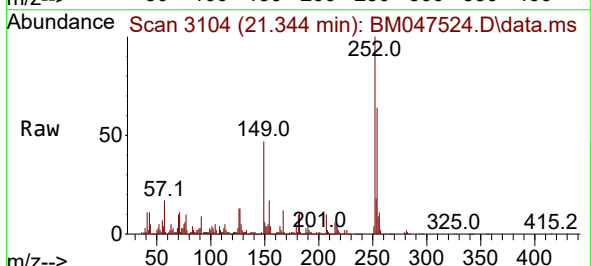
Tgt Ion:252 Resp: 1177624

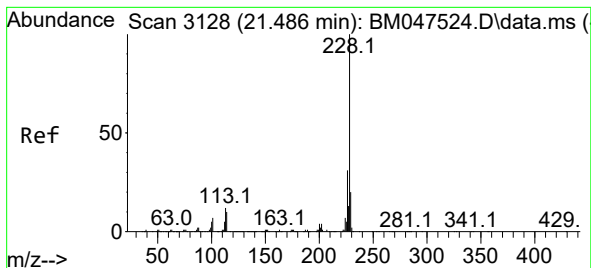
Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

126 12.9 10.3 15.5





#83

Chrysene

Concen: 40.204 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

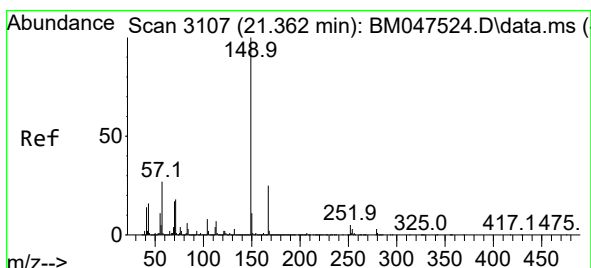
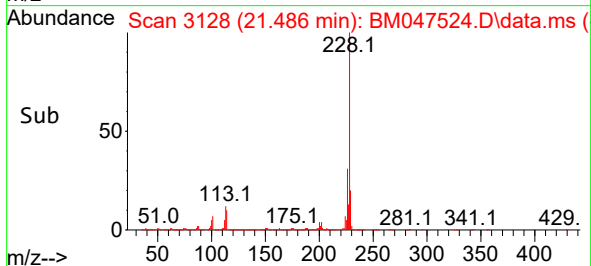
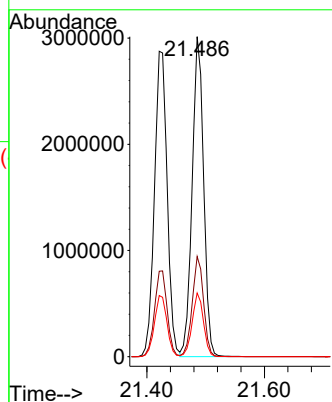
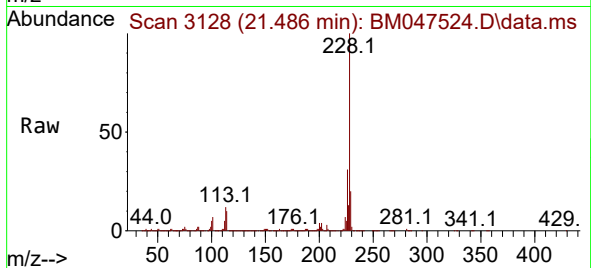
Tgt Ion:228 Resp: 4082724

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.541 ng

RT: 21.362 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

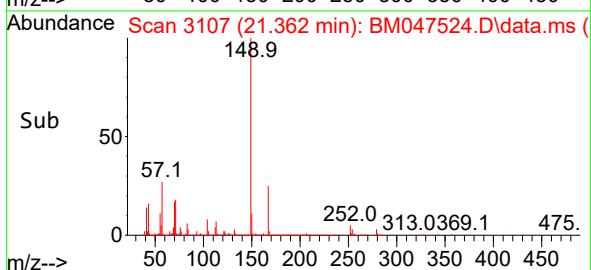
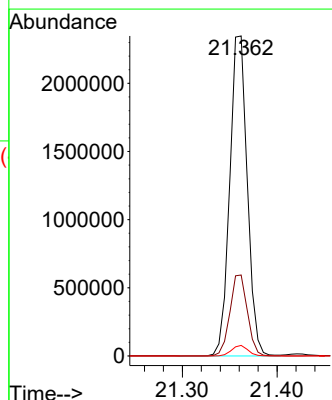
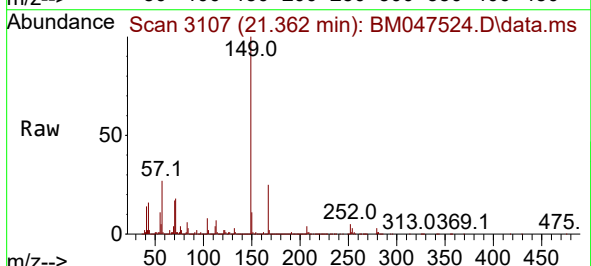
Tgt Ion:149 Resp: 3022758

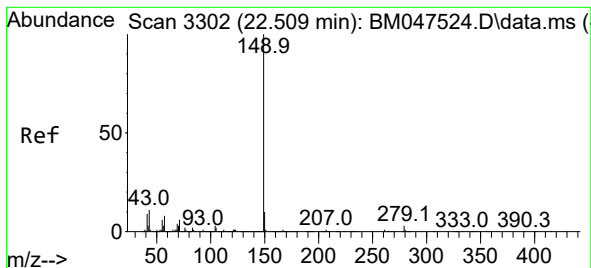
Ion Ratio Lower Upper

149 100

167 25.3 20.2 30.4

279 3.3 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 34.663 ng

RT: 22.509 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

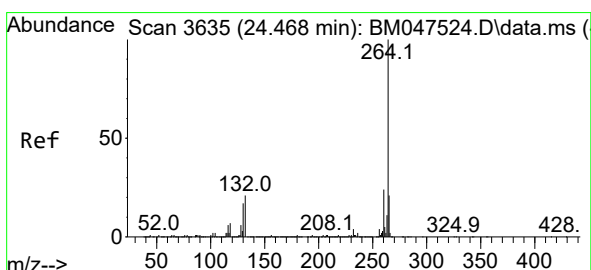
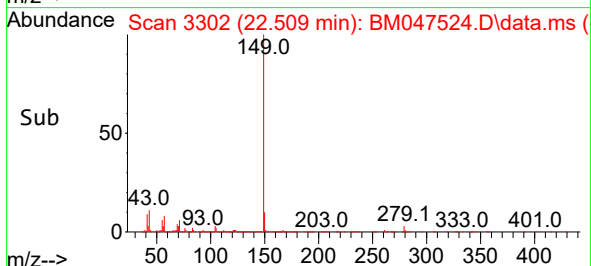
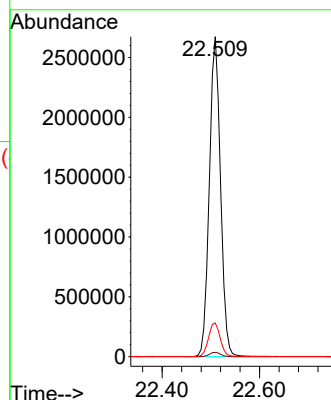
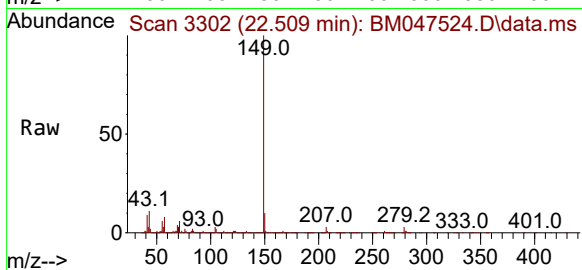
Tgt Ion:149 Resp: 4236094

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 11.1 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.468 min Scan# 3635

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

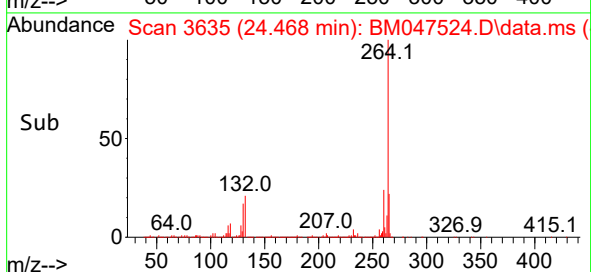
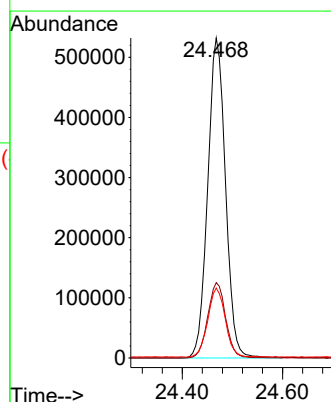
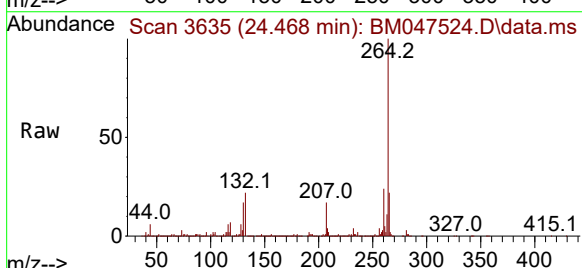
Tgt Ion:264 Resp: 1308860

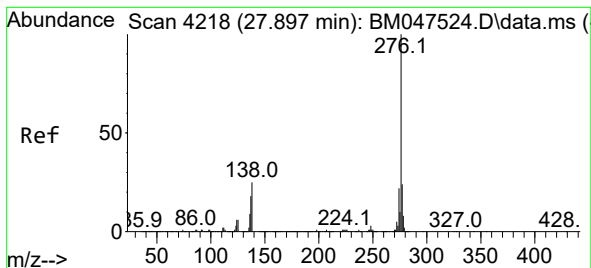
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.603 ng

RT: 27.897 min Scan# 4218

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

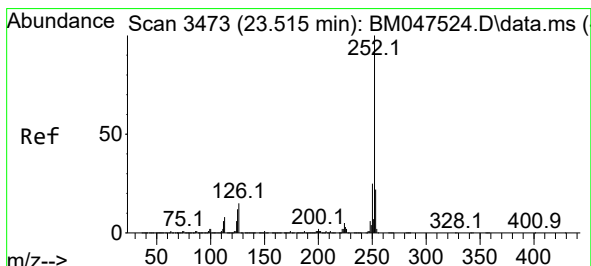
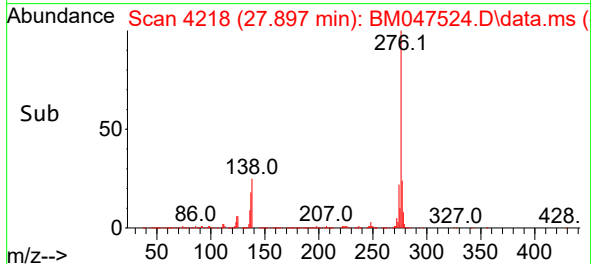
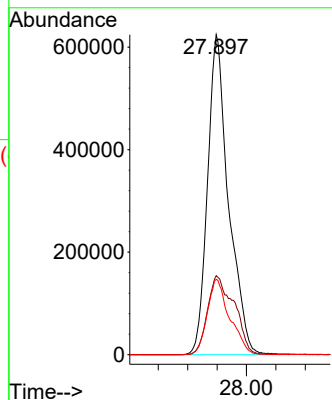
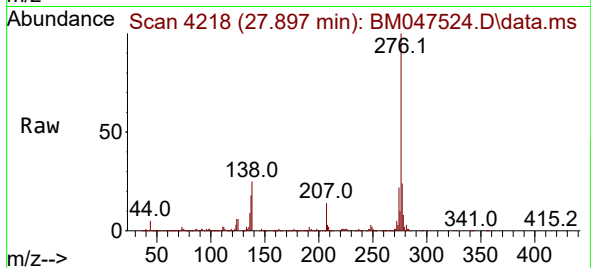
Tgt Ion:276 Resp: 3099824

Ion Ratio Lower Upper

276 100

138 31.3 25.0 37.6

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 49.032 ng

RT: 23.515 min Scan# 3473

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

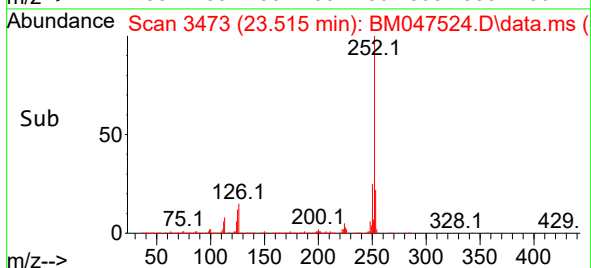
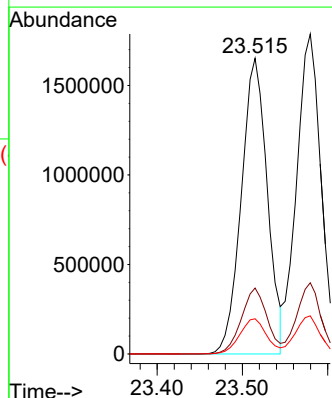
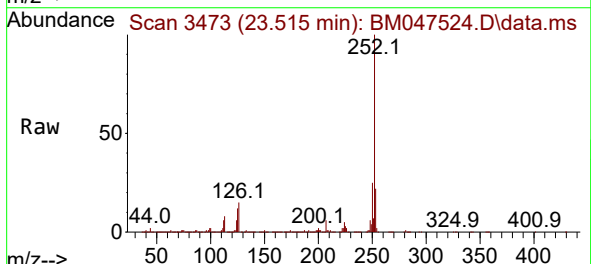
Tgt Ion:252 Resp: 3507877

Ion Ratio Lower Upper

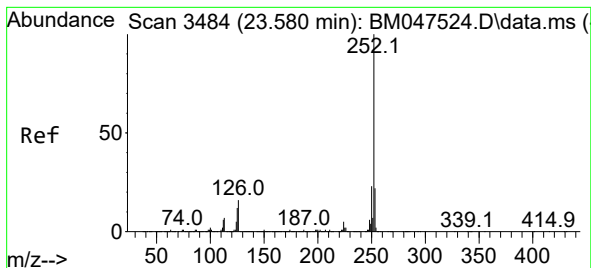
252 100

253 22.3 17.8 26.8

125 11.9 9.5 14.3







#89

Benzo(k)fluoranthene

Concen: 49.665 ng

RT: 23.580 min Scan# 3484

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

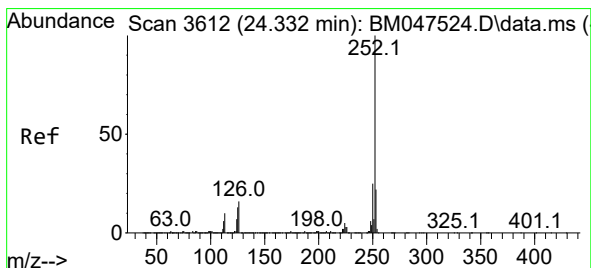
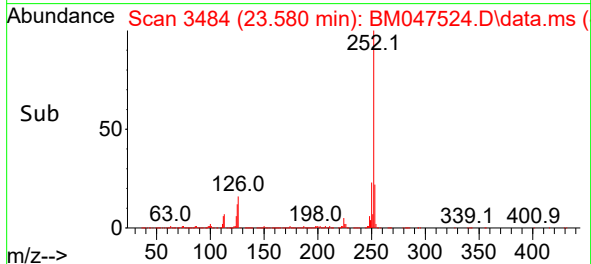
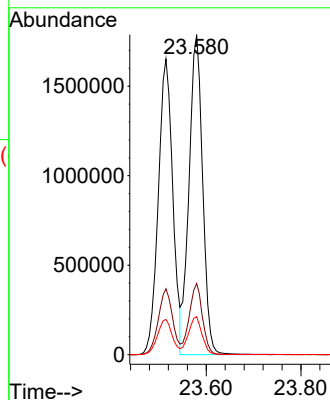
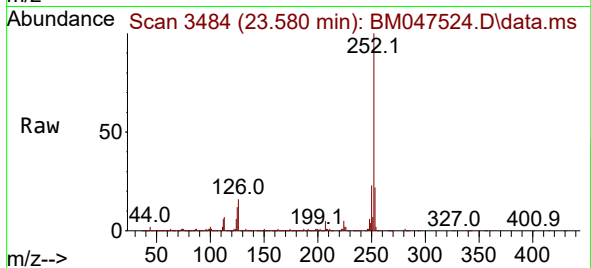
Tgt Ion:252 Resp: 3570213

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 11.9 9.5 14.3



#90

Benzo(a)pyrene

Concen: 44.073 ng

RT: 24.332 min Scan# 3612

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

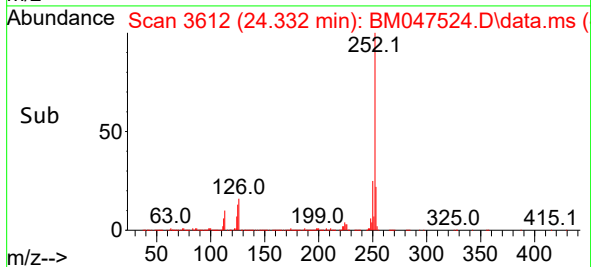
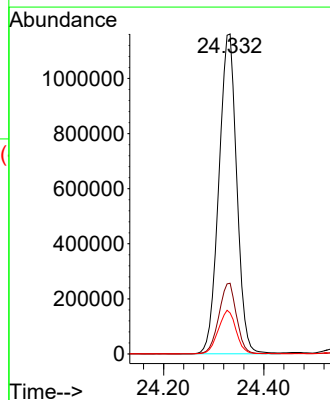
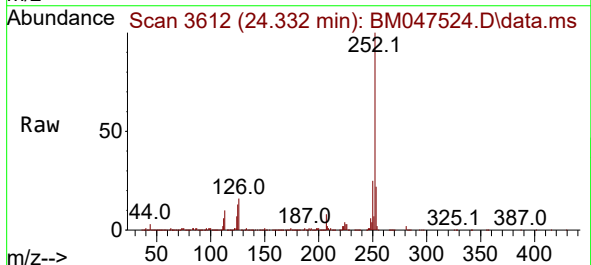
Tgt Ion:252 Resp: 2875521

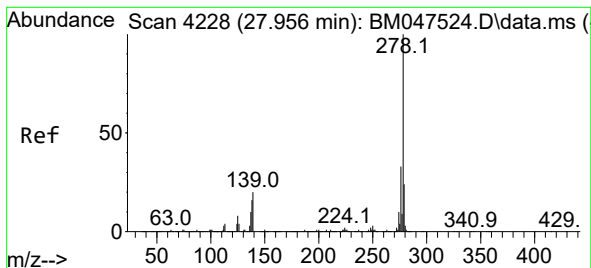
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 12.8 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 37.845 ng

RT: 27.956 min Scan# 4228

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

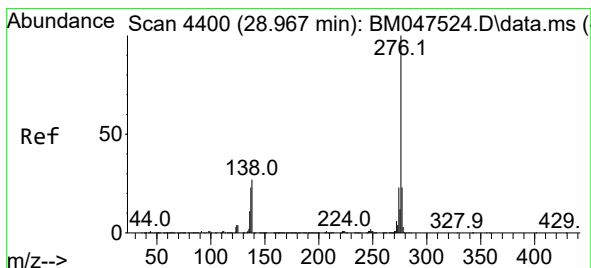
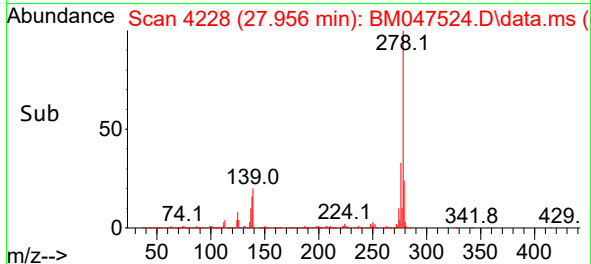
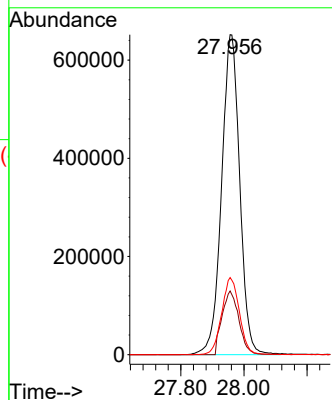
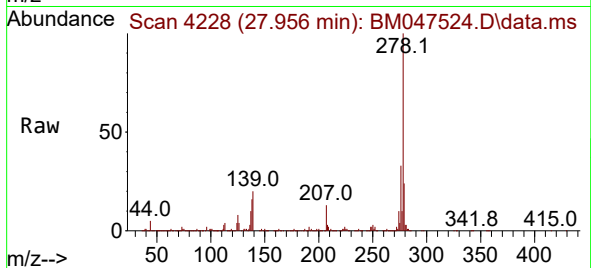
Tgt Ion:278 Resp: 2601274

Ion Ratio Lower Upper

278 100

139 19.9 15.9 23.9

279 24.1 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 34.987 ng

RT: 28.967 min Scan# 4400

Delta R.T. 0.000 min

Lab File: BM047524.D

Acq: 14 Sep 2024 14:35

Tgt Ion:276 Resp: 2535092

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 26.9 21.5 32.3

