

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071425\  
 Data File : BM050420.D  
 Acq On : 14 Jul 2025 10:50  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jul 14 12:47:45 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM070925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 08 18:32:25 2025  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.863  | 152  | 419216   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.657 | 136  | 1606681  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.486 | 164  | 1065313  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.221 | 188  | 2063489  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.445 | 240  | 2163428  | 20.000 | ng    | -0.01    |
| 86) Perylene-d12          | 24.474 | 264  | 2167995  | 20.000 | ng    | -0.02    |

|                             |        |     |          |        |    |       |
|-----------------------------|--------|-----|----------|--------|----|-------|
| System Monitoring Compounds |        |     |          |        |    |       |
| 5) 2-Fluorophenol           | 5.434  | 112 | 1899081  | 77.977 | ng | 0.00  |
| 7) Phenol-d6                | 7.022  | 99  | 2472299  | 80.527 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.016  | 82  | 2529742  | 80.329 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 15.968 | 330 | 1113139  | 85.999 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 13.116 | 172 | 6587806  | 76.367 | ng | 0.00  |
| 79) Terphenyl-d14           | 19.833 | 244 | 10401334 | 84.591 | ng | -0.01 |

|                               |        |     |         |        |         |
|-------------------------------|--------|-----|---------|--------|---------|
| Target Compounds              |        |     |         |        | Qvalue  |
| 2) 1,4-Dioxane                | 3.334  | 88  | 377878  | 37.733 | ng 99   |
| 3) Pyridine                   | 3.734  | 79  | 1007702 | 38.328 | ng 99   |
| 4) n-Nitrosodimethylamine     | 3.640  | 42  | 467660  | 38.154 | ng 99   |
| 6) Aniline                    | 7.187  | 93  | 1589404 | 40.340 | ng 99   |
| 8) 2-Chlorophenol             | 7.428  | 128 | 1033079 | 40.228 | ng 97   |
| 9) Benzaldehyde               | 6.998  | 77  | 786219  | 43.050 | ng 99   |
| 10) Phenol                    | 7.051  | 94  | 1263224 | 39.449 | ng 100  |
| 11) bis(2-Chloroethyl)ether   | 7.281  | 93  | 998770  | 38.947 | ng 100  |
| 12) 1,3-Dichlorobenzene       | 7.751  | 146 | 1187590 | 38.032 | ng 99   |
| 13) 1,4-Dichlorobenzene       | 7.898  | 146 | 1214441 | 38.088 | ng 98   |
| 14) 1,2-Dichlorobenzene       | 8.216  | 146 | 1161938 | 38.064 | ng 100  |
| 15) Benzyl Alcohol            | 8.098  | 79  | 878132  | 40.594 | ng 98   |
| 16) 2,2'-oxybis(1-Chloropr... | 8.392  | 45  | 1429222 | 37.836 | ng 99   |
| 17) 2-Methylphenol            | 8.298  | 107 | 831011  | 40.013 | ng 99   |
| 18) Hexachloroethane          | 8.951  | 117 | 430779  | 38.415 | ng 95   |
| 19) n-Nitroso-di-n-propyla... | 8.669  | 70  | 778850  | 41.876 | ng 98   |
| 20) 3+4-Methylphenols         | 8.628  | 107 | 1123220 | 40.287 | ng 99   |
| 22) Acetophenone              | 8.681  | 105 | 1572013 | 39.133 | ng # 98 |
| 24) Nitrobenzene              | 9.057  | 77  | 1110410 | 39.513 | ng 100  |
| 25) Isophorone                | 9.587  | 82  | 2102869 | 41.151 | ng 99   |
| 26) 2-Nitrophenol             | 9.769  | 139 | 513135  | 44.802 | ng 99   |
| 27) 2,4-Dimethylphenol        | 9.828  | 122 | 973413  | 39.940 | ng 99   |
| 28) bis(2-Chloroethoxy)met... | 10.063 | 93  | 1330631 | 39.296 | ng 99   |
| 29) 2,4-Dichlorophenol        | 10.304 | 162 | 1024716 | 40.926 | ng 99   |
| 30) 1,2,4-Trichlorobenzene    | 10.522 | 180 | 1161475 | 38.777 | ng 100  |
| 31) Naphthalene               | 10.710 | 128 | 3160723 | 38.731 | ng 100  |
| 32) Benzoic acid              | 9.945  | 122 | 612778  | 41.838 | ng 98   |
| 33) 4-Chloroaniline           | 10.810 | 127 | 1403750 | 40.688 | ng 99   |
| 34) Hexachlorobutadiene       | 11.004 | 225 | 702668  | 38.436 | ng 99   |
| 35) Caprolactam               | 11.581 | 113 | 304052  | 44.483 | ng 96   |
| 36) 4-Chloro-3-methylphenol   | 11.928 | 107 | 982825  | 42.034 | ng 99   |
| 37) 2-Methylnaphthalene       | 12.316 | 142 | 2060229 | 39.983 | ng 99   |
| 38) 1-Methylnaphthalene       | 12.533 | 142 | 2184576 | 40.061 | ng 100  |
| 40) 1,2,4,5-Tetrachloroben... | 12.686 | 216 | 1295477 | 38.240 | ng 100  |
| 41) Hexachlorocyclopentadiene | 12.675 | 237 | 821125  | 37.918 | ng 100  |
| 43) 2,4,6-Trichlorophenol     | 12.922 | 196 | 853278  | 40.918 | ng 98   |

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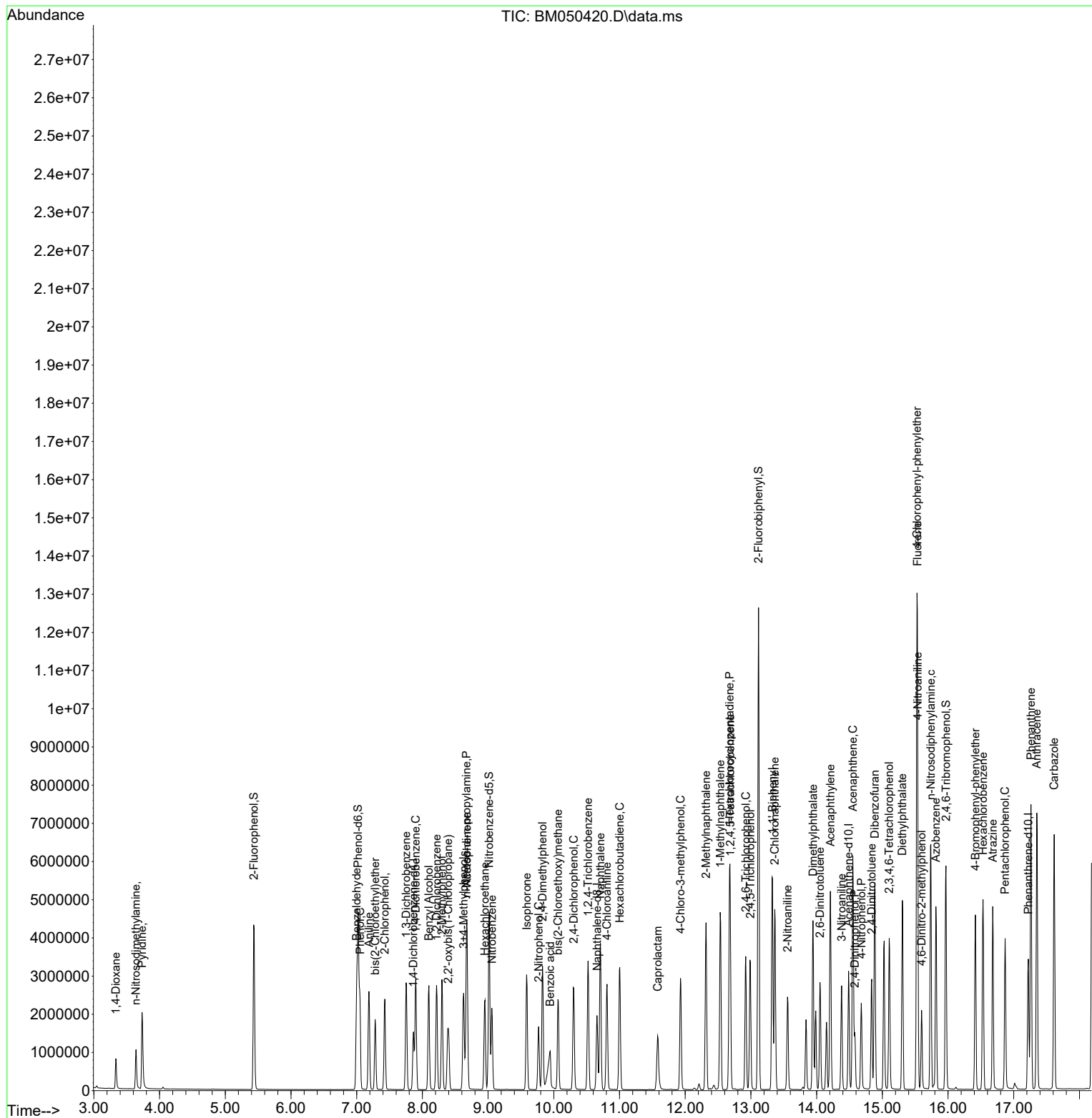
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.992 | 196  | 928457   | 40.768 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.327 | 154  | 3017288  | 38.175 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.363 | 162  | 2404003  | 38.147 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.557 | 65   | 608727   | 43.275 | ng    | 98       |
| 49) Acenaphthylene            | 14.210 | 152  | 3753845  | 39.415 | ng    | 99       |
| 50) Dimethylphthalate         | 13.945 | 163  | 2906048  | 39.622 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.051 | 165  | 606592   | 43.075 | ng    | 98       |
| 52) Acenaphthene              | 14.551 | 154  | 2369153  | 39.128 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.380 | 138  | 649068   | 43.339 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.580 | 184  | 301295   | 42.075 | ng    | 94       |
| 55) Dibenzofuran              | 14.886 | 168  | 3610434  | 38.699 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.680 | 139  | 543301   | 42.184 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.839 | 165  | 831828   | 39.943 | ng    | 95       |
| 58) Fluorene                  | 15.533 | 166  | 3006034  | 39.119 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.104 | 232  | 792210   | 41.323 | ng    | 100      |
| 60) Diethylphthalate          | 15.304 | 149  | 2791367  | 39.842 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.527 | 204  | 1570452  | 39.084 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.539 | 138  | 675063   | 39.682 | ng    | 98       |
| 63) Azobenzene                | 15.816 | 77   | 2540400  | 39.488 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.598 | 198  | 440784   | 40.812 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.739 | 169  | 2524415  | 39.096 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.416 | 248  | 901706   | 39.662 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.533 | 284  | 1054526  | 39.272 | ng    | 98       |
| 69) Atrazine                  | 16.680 | 200  | 871752   | 41.115 | ng    | 100      |
| 70) Pentachlorophenol         | 16.868 | 266  | 686109   | 41.046 | ng    | 100      |
| 71) Phenanthrene              | 17.262 | 178  | 4514858  | 38.667 | ng    | 99       |
| 72) Anthracene                | 17.351 | 178  | 4607118  | 39.639 | ng    | 100      |
| 73) Carbazole                 | 17.615 | 167  | 4208901  | 40.022 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.186 | 149  | 4687453  | 40.722 | ng    | 100      |
| 75) Fluoranthene              | 19.268 | 202  | 5108597  | 40.246 | ng    | 99       |
| 77) Benzidine                 | 19.445 | 184  | 1874376  | 33.968 | ng    | 100      |
| 78) Pyrene                    | 19.627 | 202  | 5427881  | 39.174 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.527 | 149  | 2019468  | 44.203 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.427 | 228  | 5570170  | 39.515 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.345 | 252  | 1933638  | 40.676 | ng    | 99       |
| 83) Chrysene                  | 21.486 | 228  | 5224115  | 39.291 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.356 | 149  | 3141688  | 43.318 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.503 | 149  | 5003034  | 44.044 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.909 | 276  | 6221760  | 40.364 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.521 | 252  | 5301218  | 39.753 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.586 | 252  | 5378004  | 38.867 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.333 | 252  | 5013387  | 40.161 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.968 | 278  | 5203687  | 40.085 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.974 | 276  | 4906949  | 39.995 | ng    | 99       |

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

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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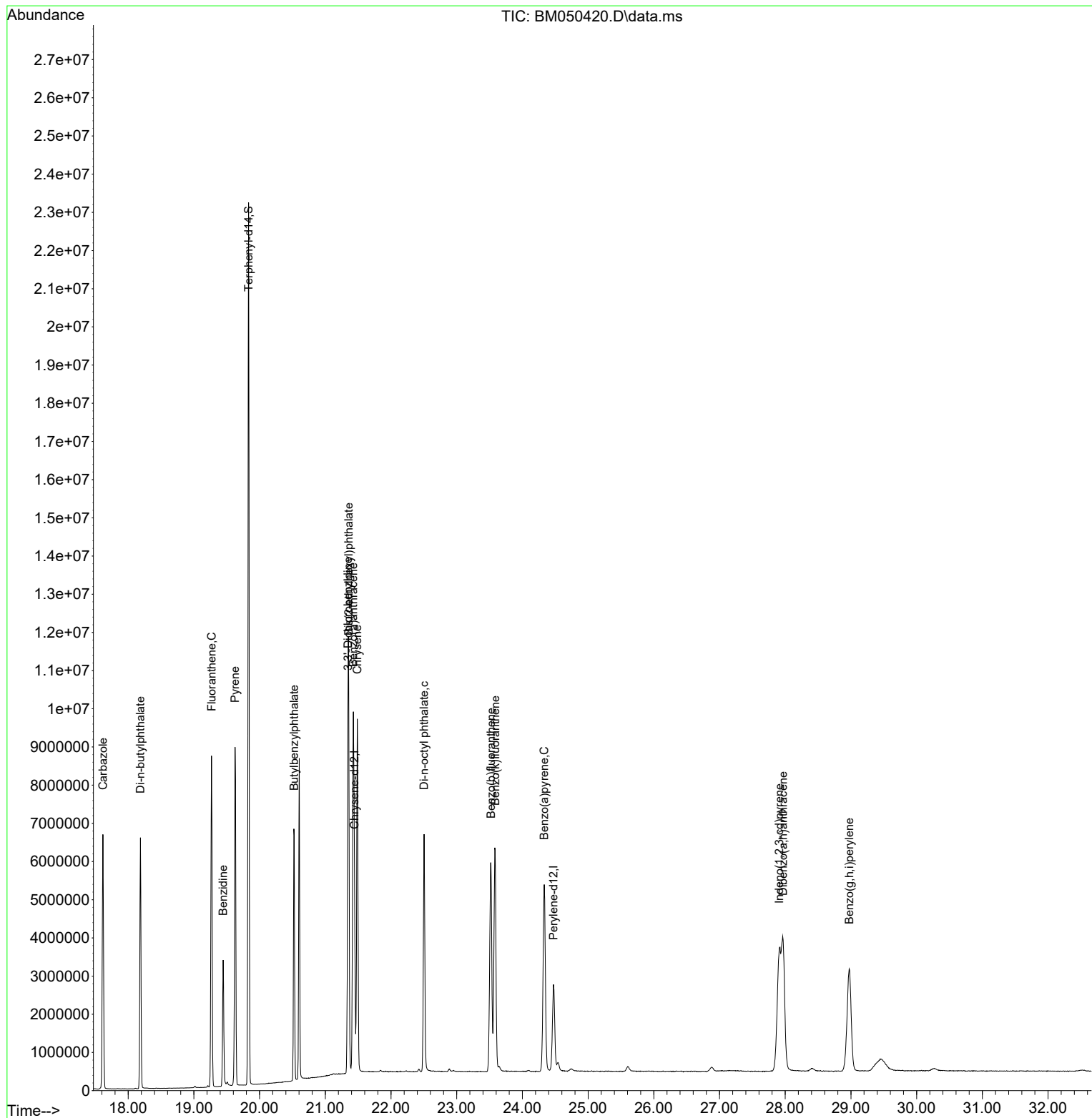
Quant Time: Jul 14 12:47:45 2025  
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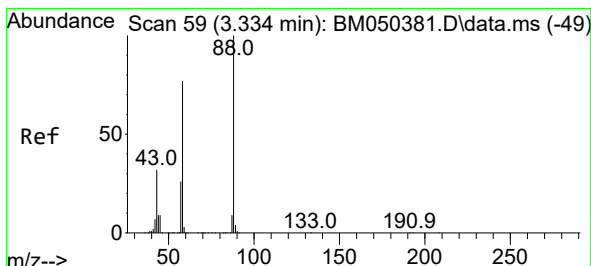
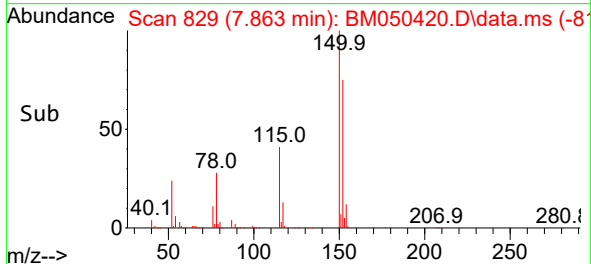
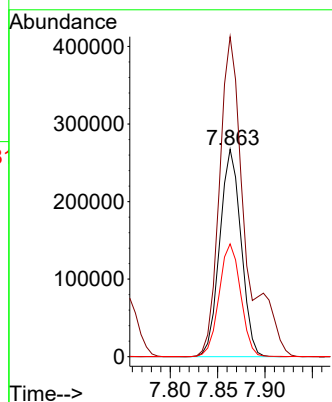
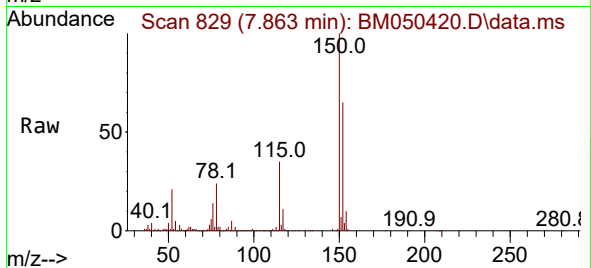




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.863 min Scan# 829  
 Delta R.T. 0.000 min  
 Lab File: BM050420.D  
 Acq: 14 Jul 2025 10:50

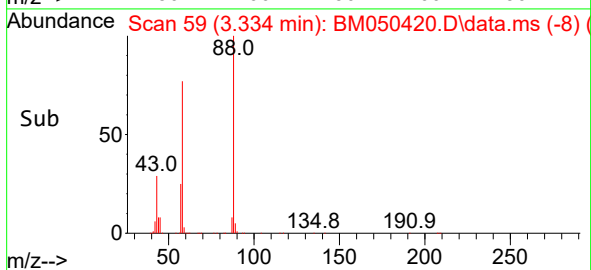
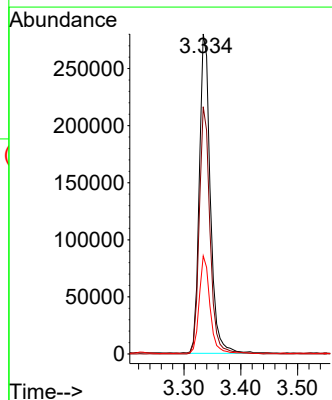
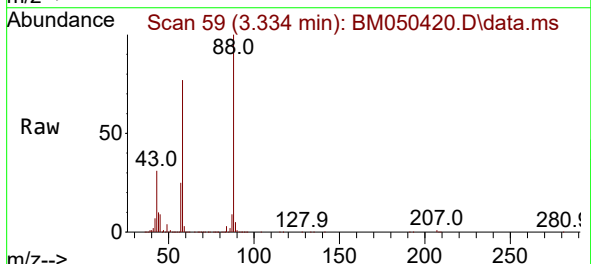
Instrument :  
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 SSTDCCC040

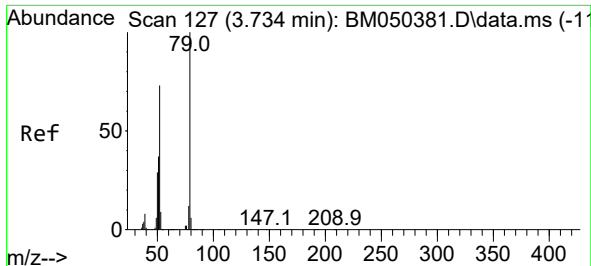
Tgt Ion:152 Resp: 419216  
 Ion Ratio Lower Upper  
 152 100  
 150 154.4 126.2 189.4  
 115 54.4 45.8 68.8



#2  
 1,4-Dioxane  
 Concen: 37.733 ng  
 RT: 3.334 min Scan# 59  
 Delta R.T. 0.000 min  
 Lab File: BM050420.D  
 Acq: 14 Jul 2025 10:50

Tgt Ion: 88 Resp: 377878  
 Ion Ratio Lower Upper  
 88 100  
 58 75.9 61.0 91.6  
 43 29.9 24.6 37.0



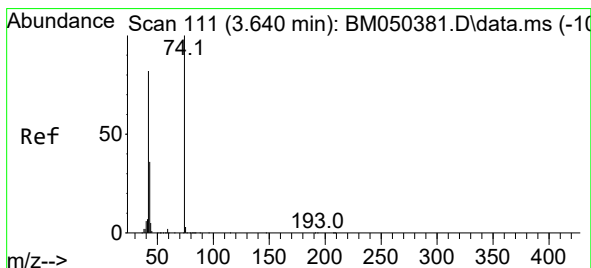
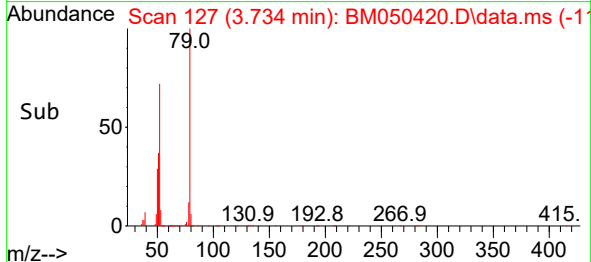
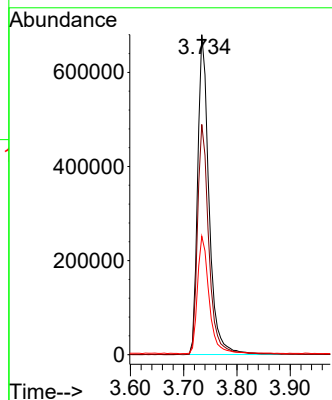
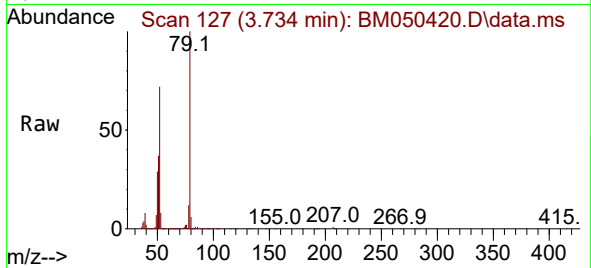


#3  
 Pyridine  
 Concen: 38.328 ng  
 RT: 3.734 min Scan# 111  
 Delta R.T. 0.000 min  
 Lab File: BM050420.D  
 Acq: 14 Jul 2025 10:50

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Tgt Ion: 79 Resp: 1007702  

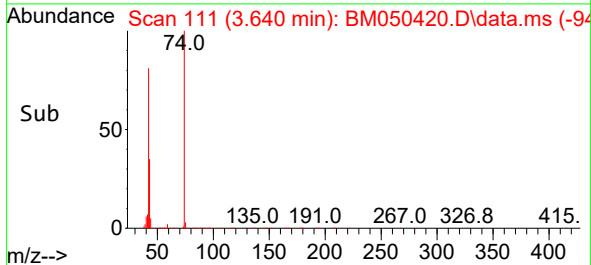
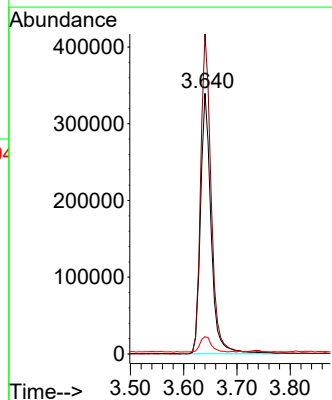
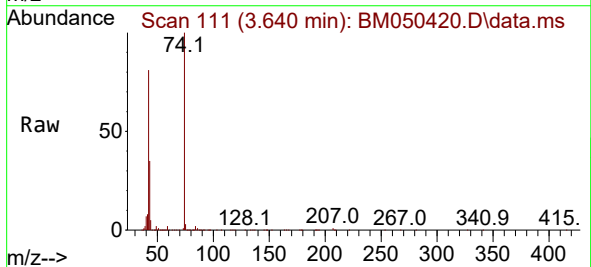
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 71.9  | 58.3  | 87.5  |
| 51  | 37.0  | 29.6  | 44.4  |

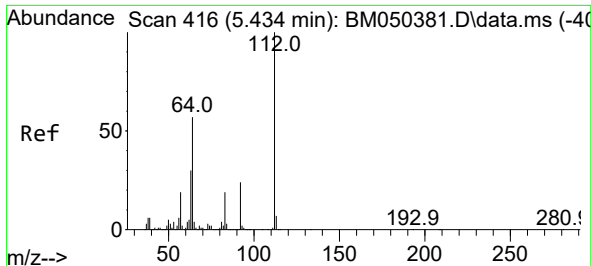


#4  
 n-Nitrosodimethylamine  
 Concen: 38.154 ng  
 RT: 3.640 min Scan# 111  
 Delta R.T. 0.000 min  
 Lab File: BM050420.D  
 Acq: 14 Jul 2025 10:50

Tgt Ion: 42 Resp: 467660  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 122.8 | 97.5  | 146.3 |
| 44  | 6.6   | 5.7   | 8.5   |

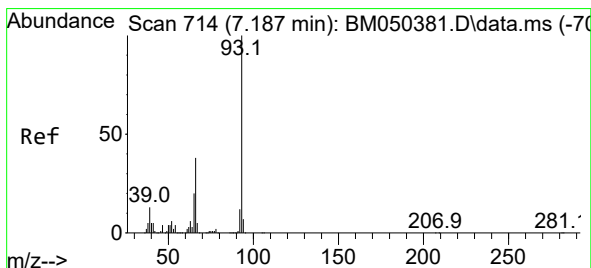
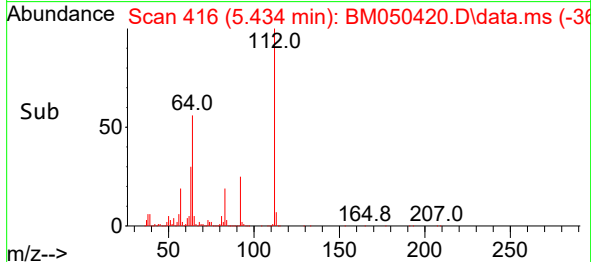
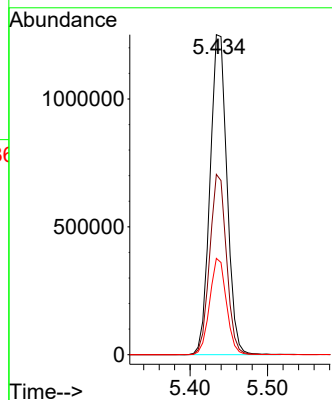
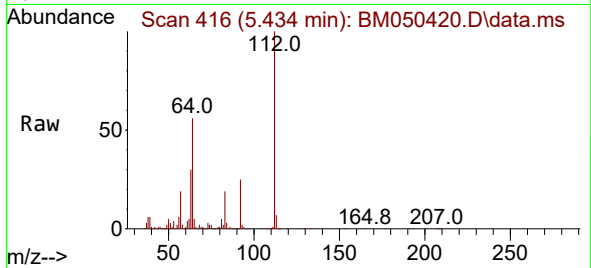




#5  
2-Fluorophenol  
Concen: 77.977 ng  
RT: 5.434 min Scan# 416  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

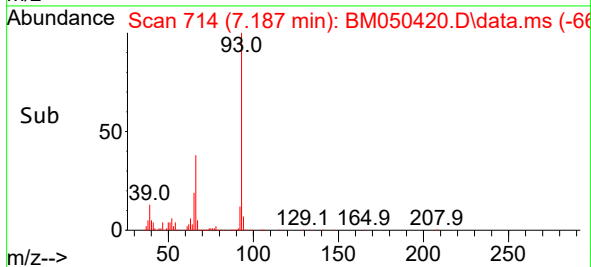
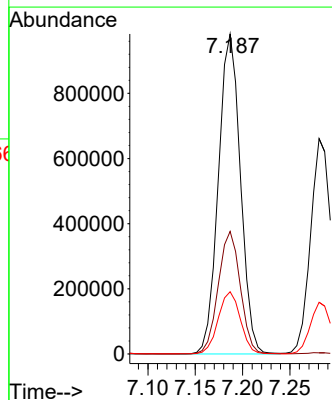
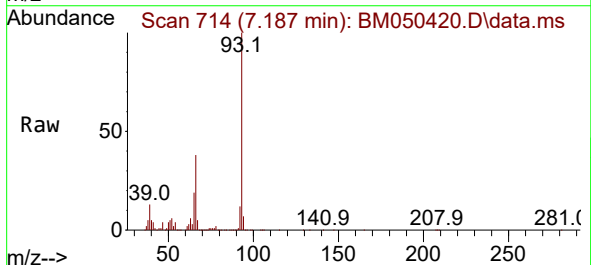
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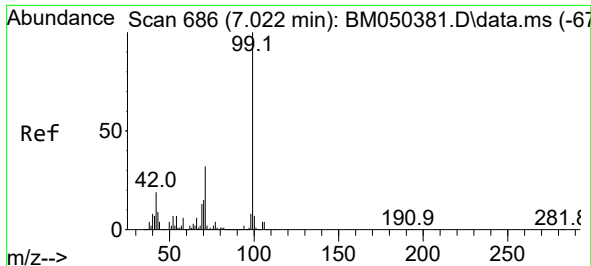
Tgt Ion:112 Resp: 1899081  
Ion Ratio Lower Upper  
112 100  
64 56.4 45.5 68.3  
63 30.1 24.2 36.4



#6  
Aniline  
Concen: 40.340 ng  
RT: 7.187 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion: 93 Resp: 1589404  
Ion Ratio Lower Upper  
93 100  
66 38.3 30.5 45.7  
65 19.5 15.9 23.9



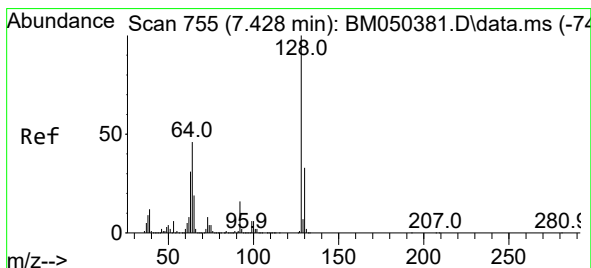
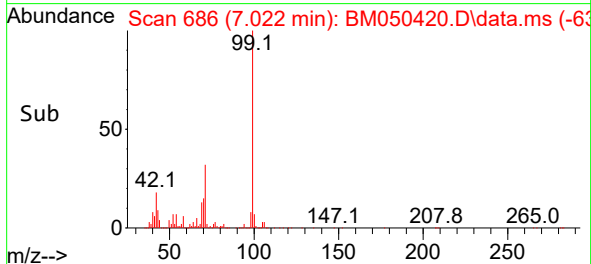
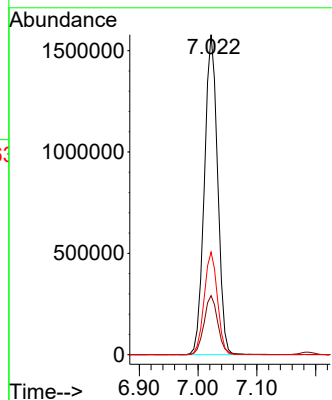
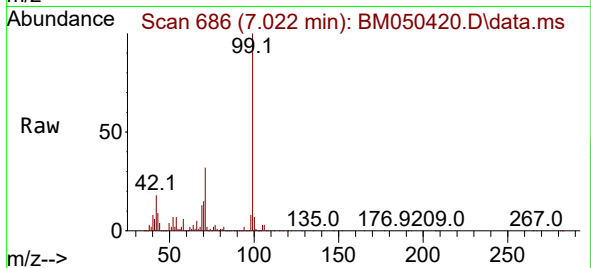


#7  
Phenol-d6  
Concen: 80.527 ng  
RT: 7.022 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
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Instrument :  
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Tgt Ion: 99 Resp: 2472299

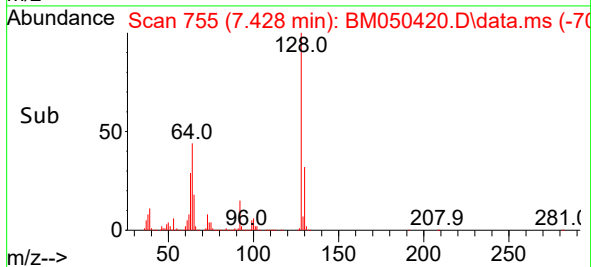
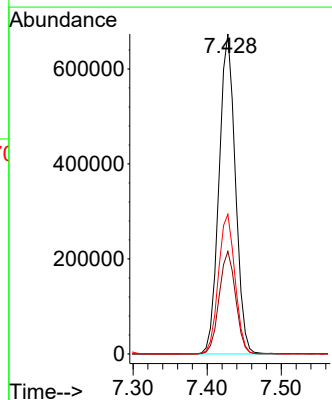
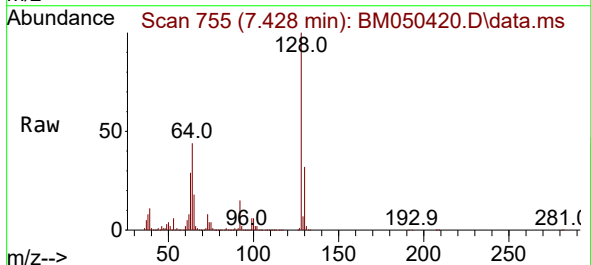
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.5  | 15.0  | 22.6  |
| 71  | 32.0  | 25.9  | 38.9  |

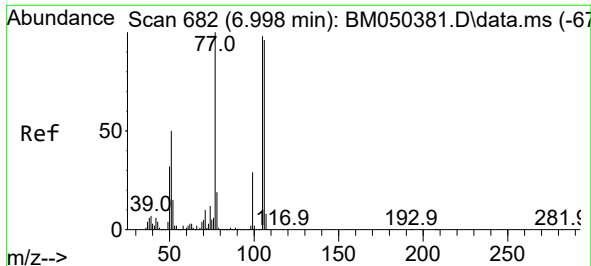


#8  
2-Chlorophenol  
Concen: 40.228 ng  
RT: 7.428 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion: 128 Resp: 1033079

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.0  | 13.3  | 53.3  |
| 64  | 43.7  | 25.6  | 65.6  |

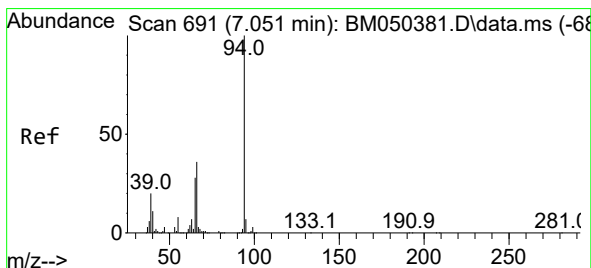
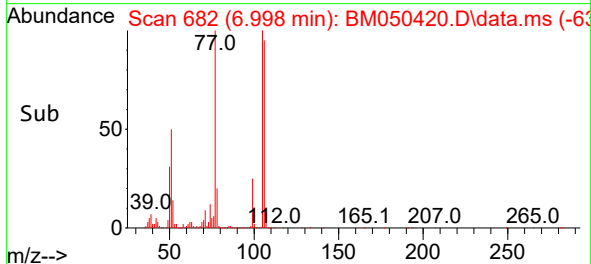
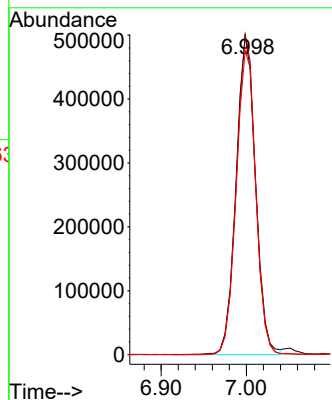
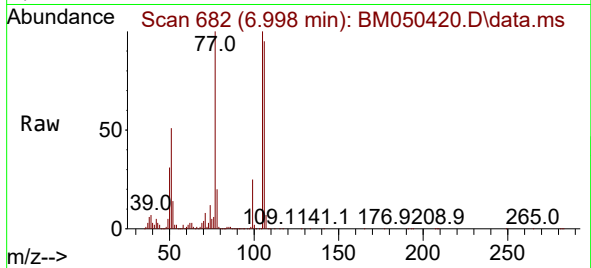




#9  
Benzaldehyde  
Concen: 43.050 ng  
RT: 6.998 min Scan# 682  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

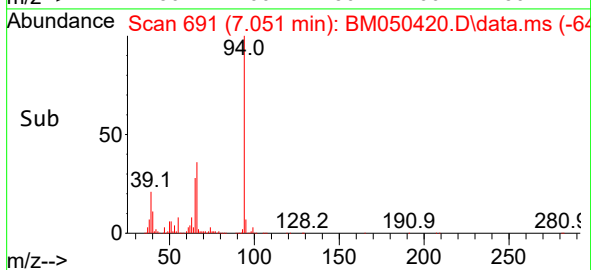
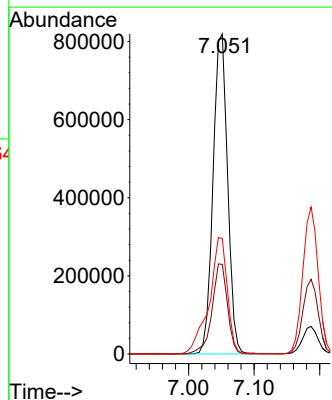
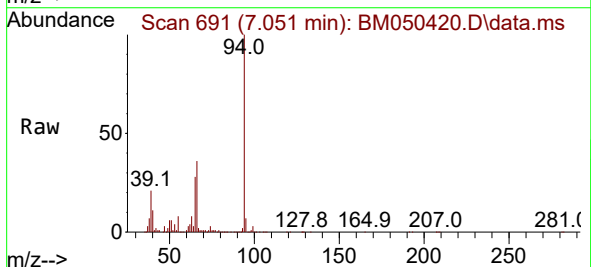
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

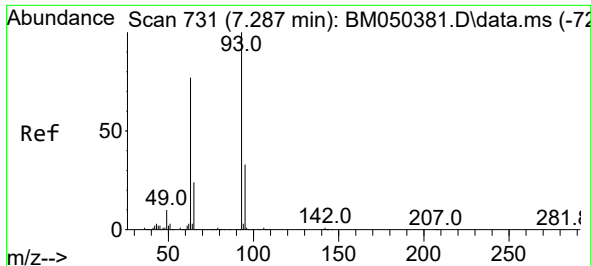
Tgt Ion: 77 Resp: 786219  
Ion Ratio Lower Upper  
77 100  
105 100.4 78.4 118.4  
106 95.5 76.3 116.3



#10  
Phenol  
Concen: 39.449 ng  
RT: 7.051 min Scan# 691  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion: 94 Resp: 1263224  
Ion Ratio Lower Upper  
94 100  
65 28.0 8.1 48.1  
66 36.1 15.8 55.8

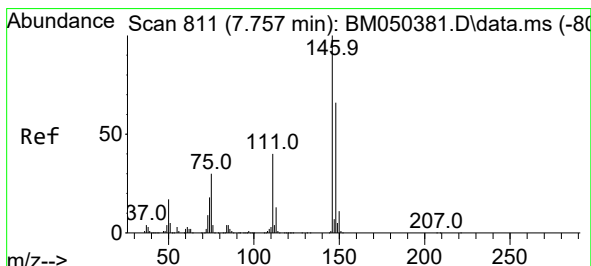
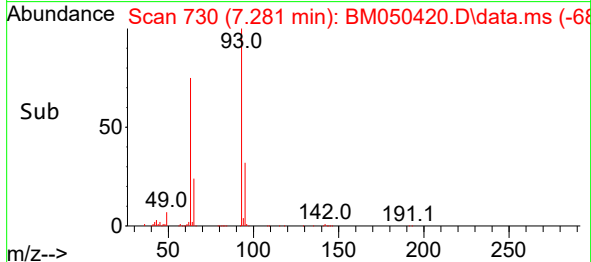
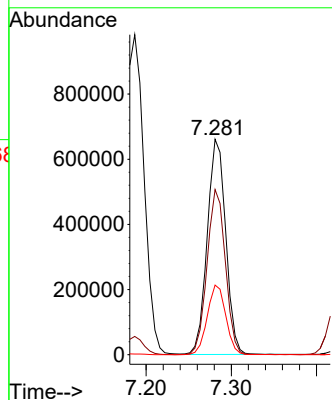
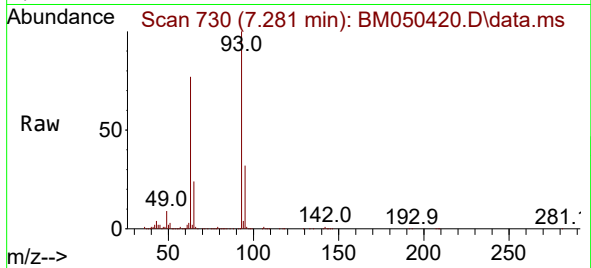




#11  
bis(2-Chloroethyl)ether  
Concen: 38.947 ng  
RT: 7.281 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

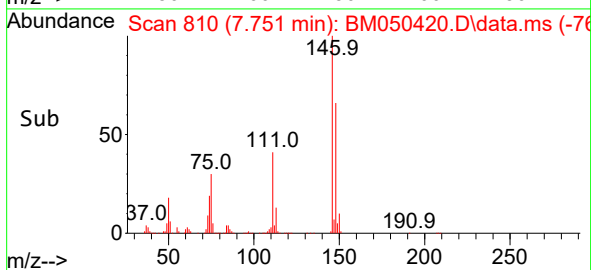
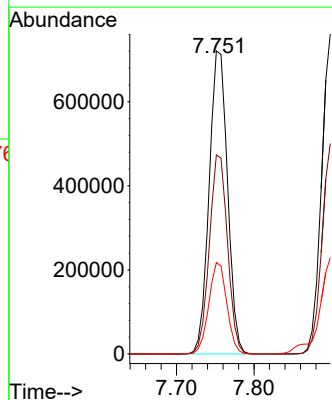
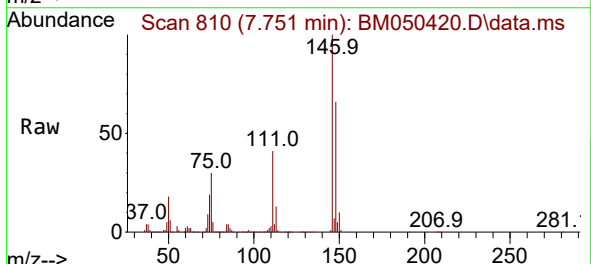
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

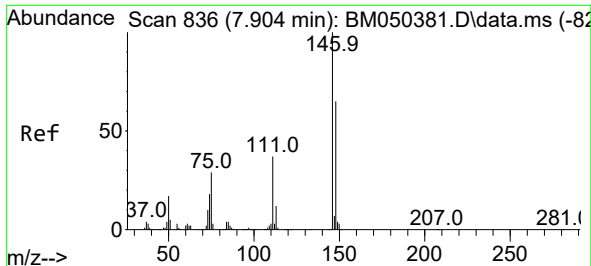
Tgt Ion: 93 Resp: 998770  
Ion Ratio Lower Upper  
93 100  
63 76.7 56.9 96.9  
95 32.3 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 38.032 ng  
RT: 7.751 min Scan# 810  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion: 146 Resp: 1187590  
Ion Ratio Lower Upper  
146 100  
148 65.7 53.2 79.8  
75 30.1 23.9 35.9

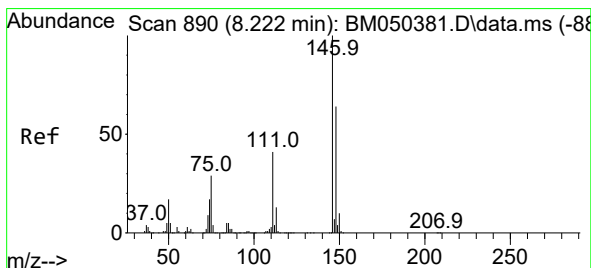
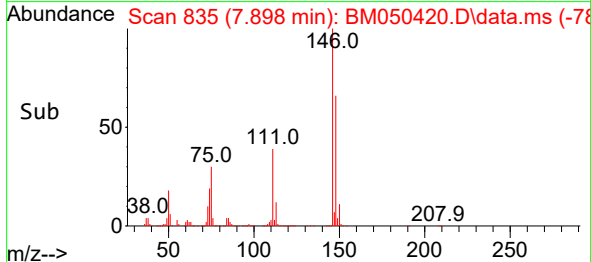
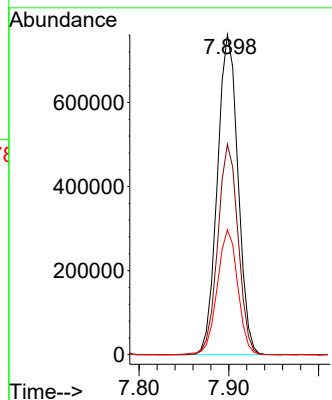
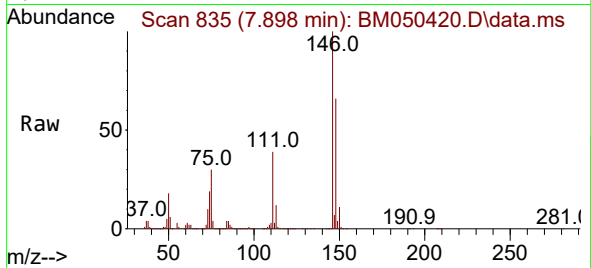




#13  
1,4-Dichlorobenzene  
Concen: 38.088 ng  
RT: 7.898 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

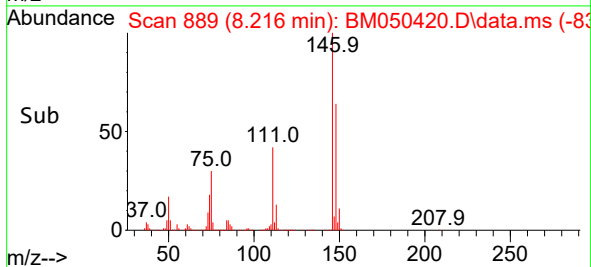
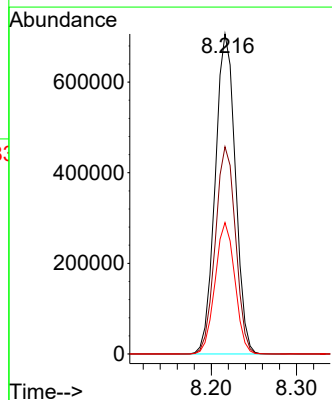
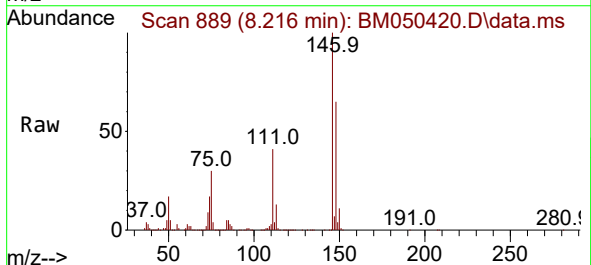
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

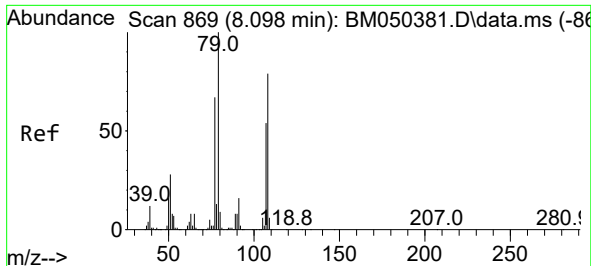
Tgt Ion:146 Resp: 1214441  
Ion Ratio Lower Upper  
146 100  
148 65.8 51.9 77.9  
111 39.1 30.0 45.0



#14  
1,2-Dichlorobenzene  
Concen: 38.064 ng  
RT: 8.216 min Scan# 889  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:146 Resp: 1161938  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.5 77.3  
111 41.0 32.6 49.0

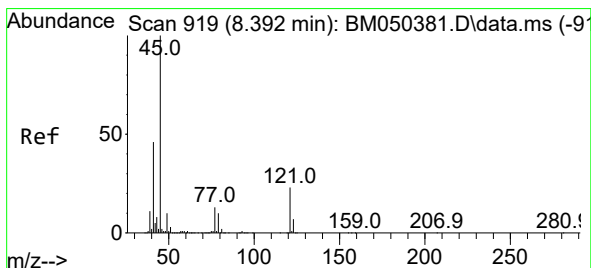
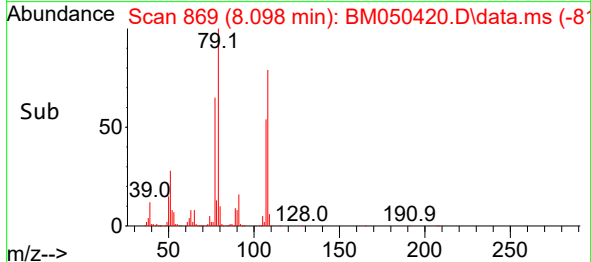
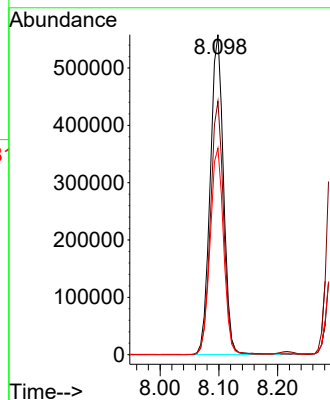
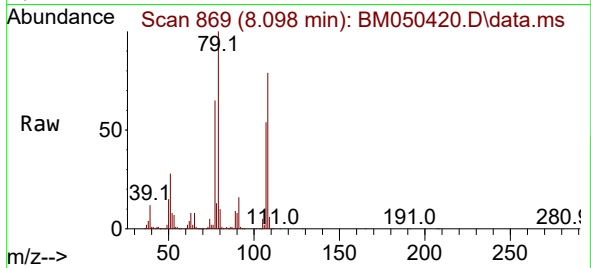




#15  
Benzyl Alcohol  
Concen: 40.594 ng  
RT: 8.098 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

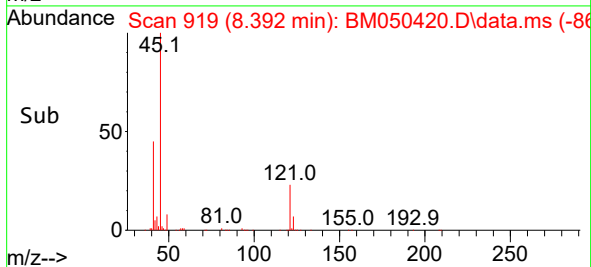
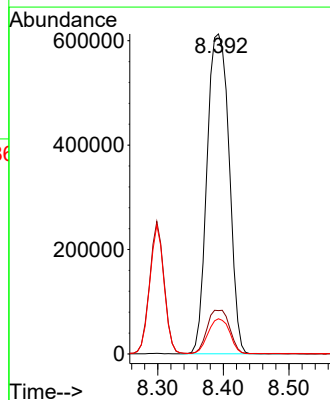
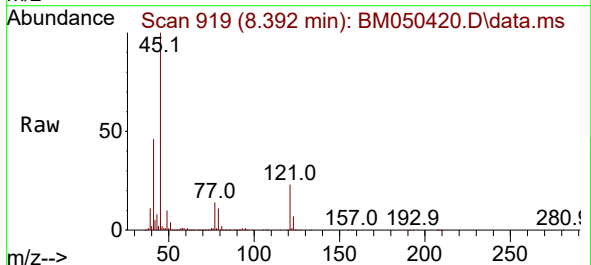
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

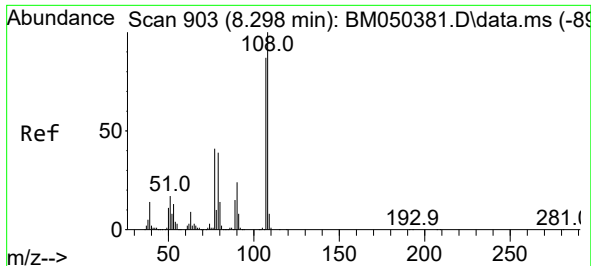
Tgt Ion: 79 Resp: 878132  
Ion Ratio Lower Upper  
79 100  
108 79.2 63.0 94.4  
77 64.6 53.4 80.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.836 ng  
RT: 8.392 min Scan# 919  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion: 45 Resp: 1429222  
Ion Ratio Lower Upper  
45 100  
77 13.6 0.0 33.5  
79 11.0 0.0 30.3

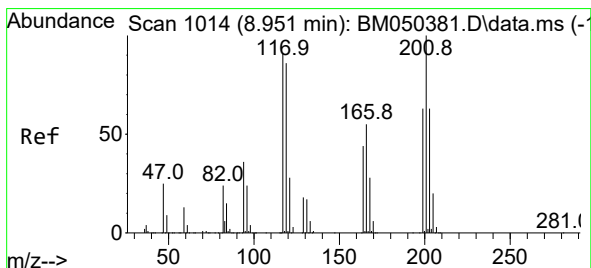
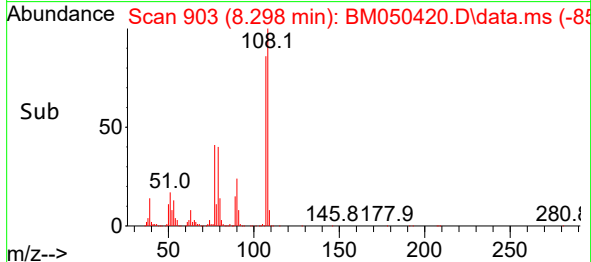
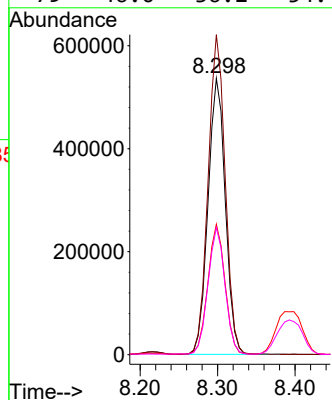
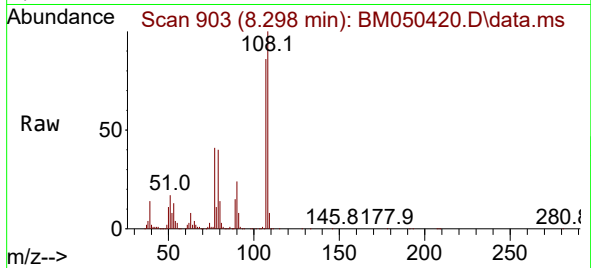




#17  
2-Methylphenol  
Concen: 40.013 ng  
RT: 8.298 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

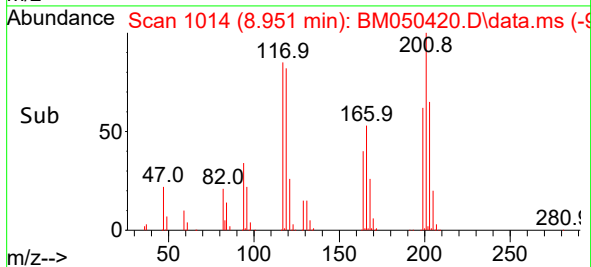
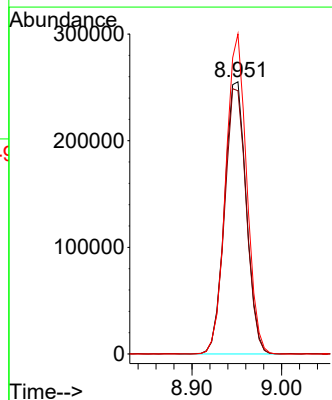
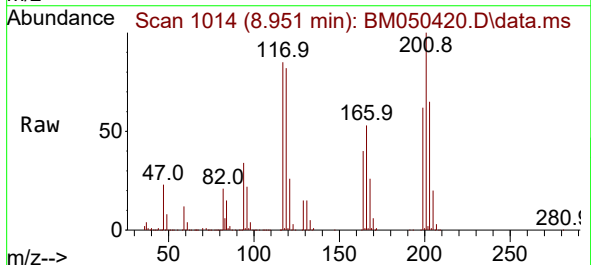
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

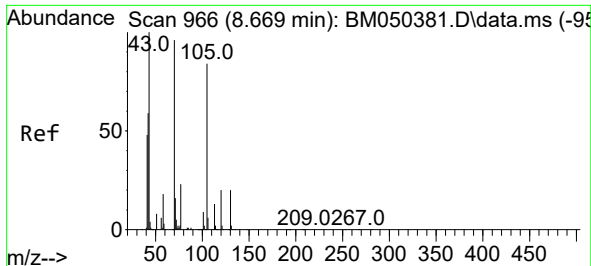
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 831011 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 115.8 | 92.1  | 138.1  |
| 77       | 47.3  | 38.2  | 57.4   |
| 79       | 46.0  | 36.2  | 54.4   |



#18  
Hexachloroethane  
Concen: 38.415 ng  
RT: 8.951 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 430779 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.7  | 75.6  | 113.4  |
| 201      | 117.6 | 87.9  | 131.9  |

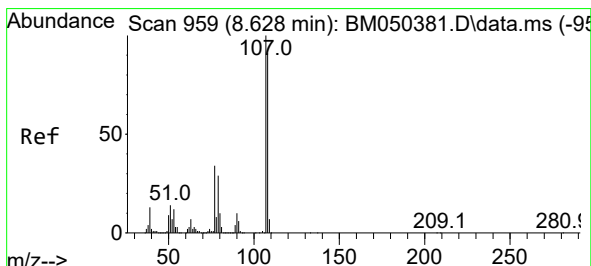
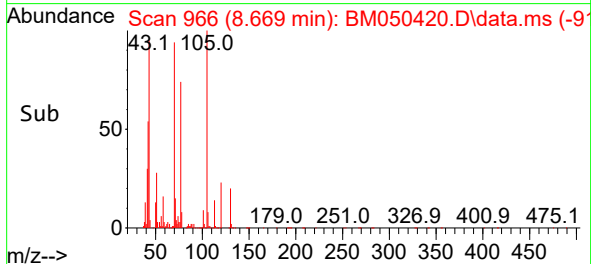
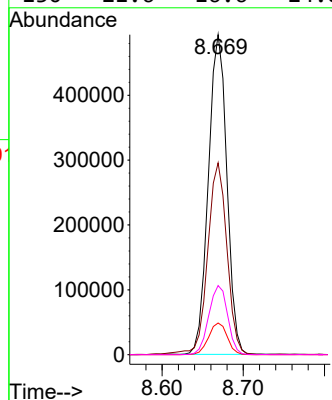
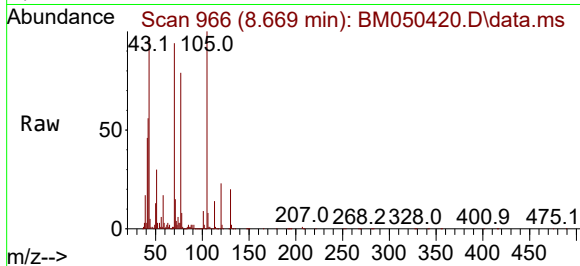




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.876 ng  
RT: 8.669 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

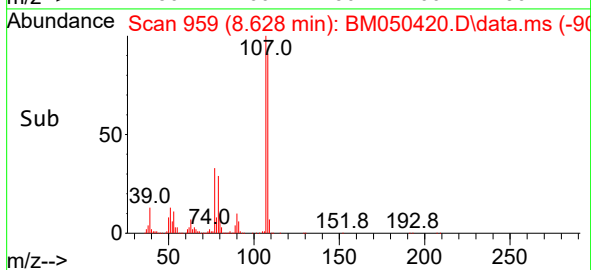
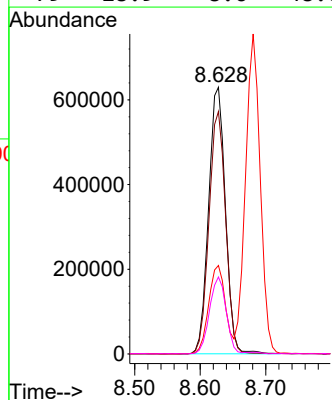
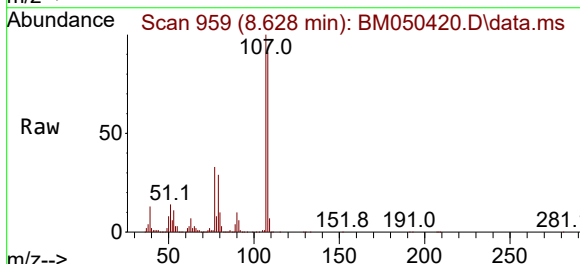
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

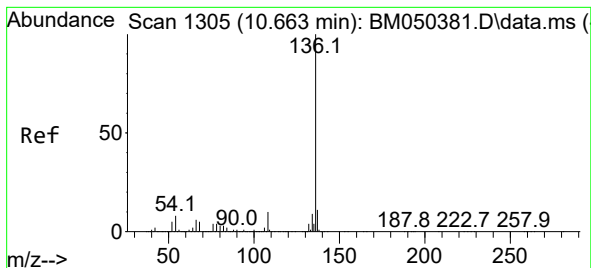
Tgt Ion: 70 Resp: 778850  
Ion Ratio Lower Upper  
70 100  
42 59.9 49.7 74.5  
101 9.9 7.7 11.5  
130 21.6 16.6 24.8



#20  
3+4-Methylphenols  
Concen: 40.287 ng  
RT: 8.628 min Scan# 959  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion: 107 Resp: 1123220  
Ion Ratio Lower Upper  
107 100  
108 90.9 71.5 111.5  
77 33.2 13.7 53.7  
79 28.9 8.6 48.6

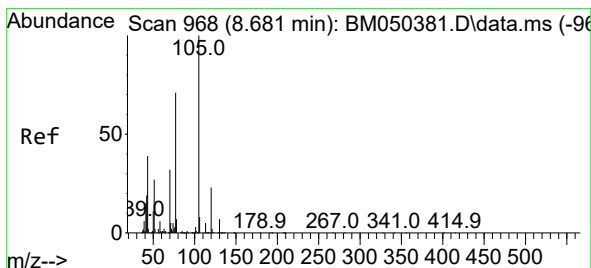
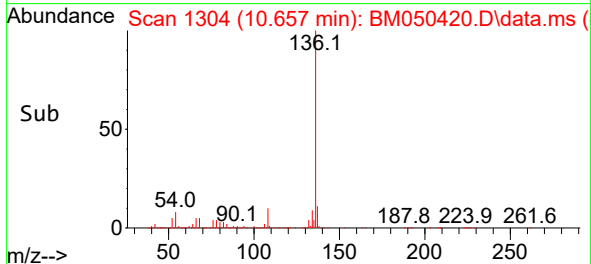
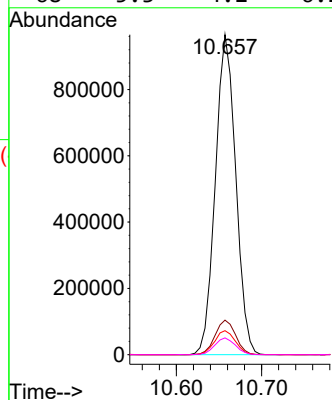
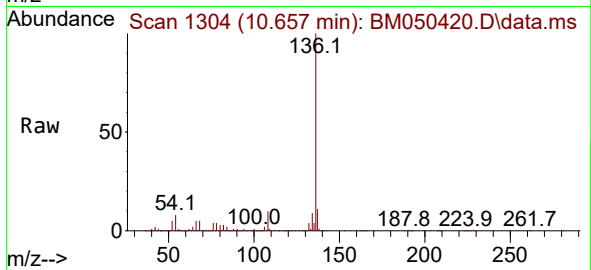




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.657 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

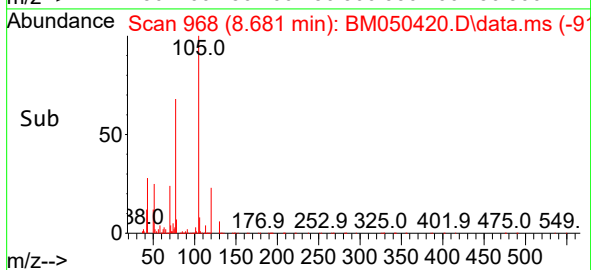
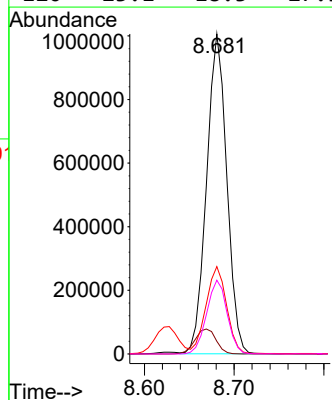
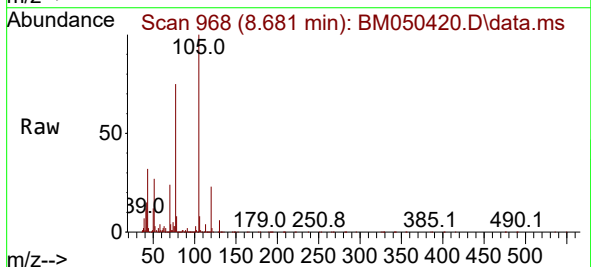
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

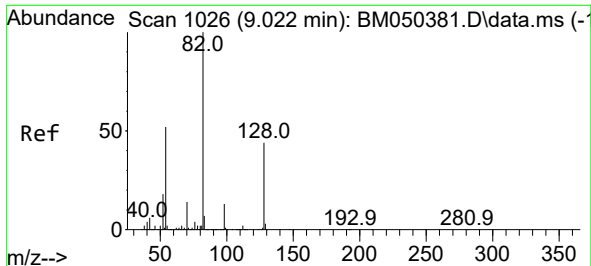
Tgt Ion:136 Resp: 1606681  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 7.5 6.3 9.5  
68 5.3 4.2 6.2



#22  
Acetophenone  
Concen: 39.133 ng  
RT: 8.681 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:105 Resp: 1572013  
Ion Ratio Lower Upper  
105 100  
71 4.0 4.4 6.6#  
51 27.3 23.0 34.6  
120 23.1 18.3 27.5





#23

Nitrobenzene-d5

Concen: 80.329 ng

RT: 9.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

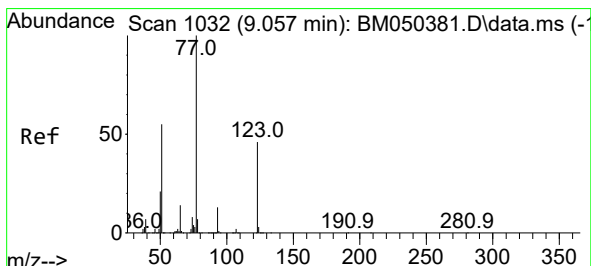
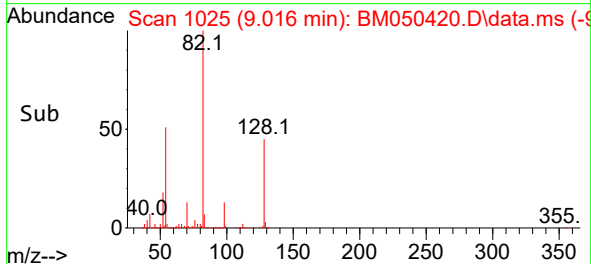
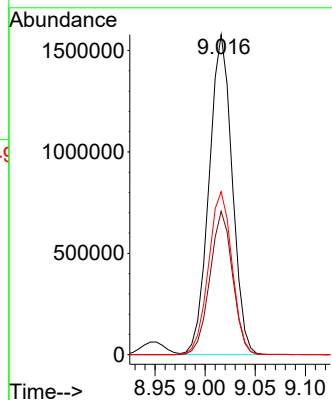
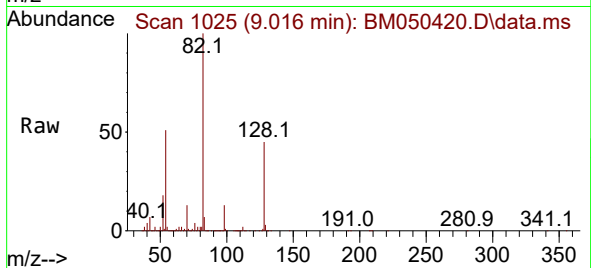
BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 2529742

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.8  | 35.2  | 52.8  |
| 54  | 51.0  | 41.5  | 62.3  |



#24

Nitrobenzene

Concen: 39.513 ng

RT: 9.057 min Scan# 1032

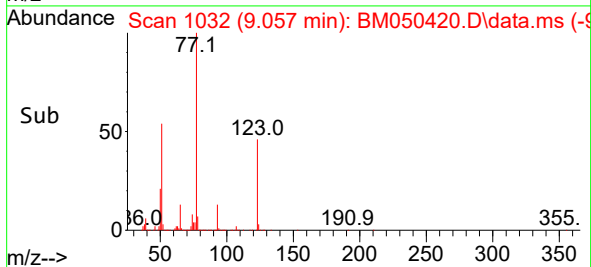
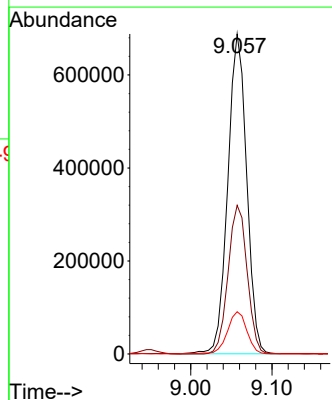
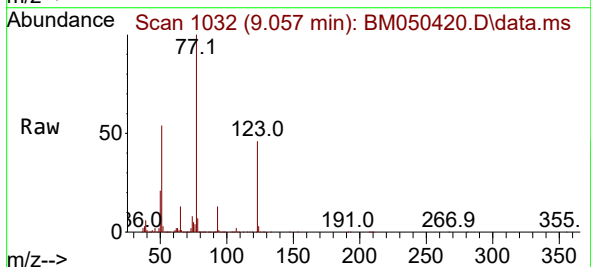
Delta R.T. 0.000 min

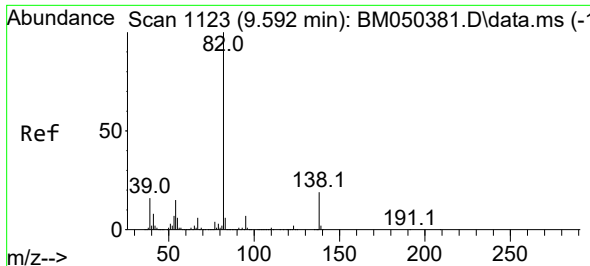
Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Tgt Ion: 77 Resp: 1110410

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 46.4  | 37.0  | 55.6  |
| 65  | 13.2  | 11.0  | 16.4  |

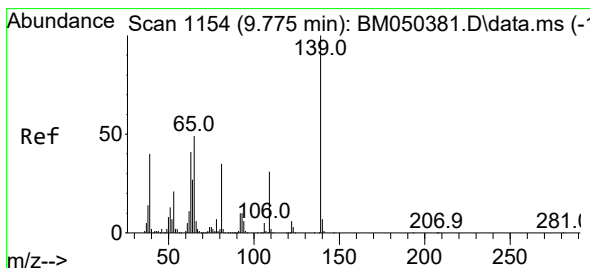
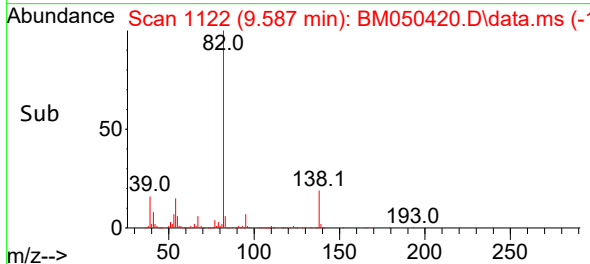
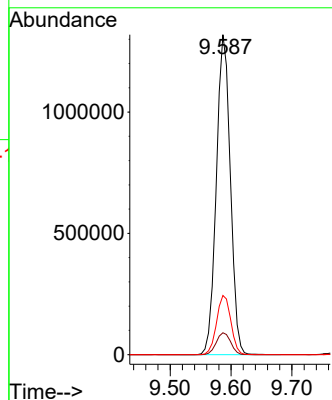
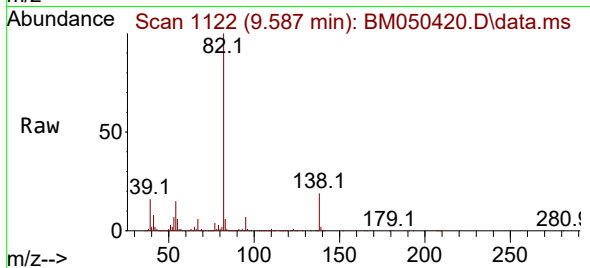




#25  
Isophorone  
Concen: 41.151 ng  
RT: 9.587 min Scan# 1122  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

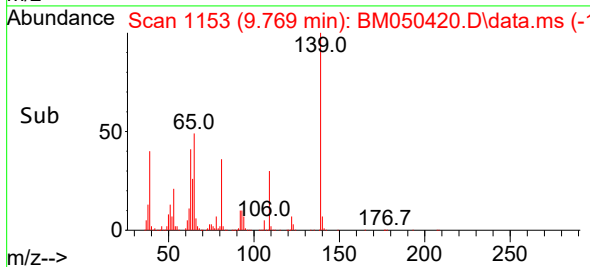
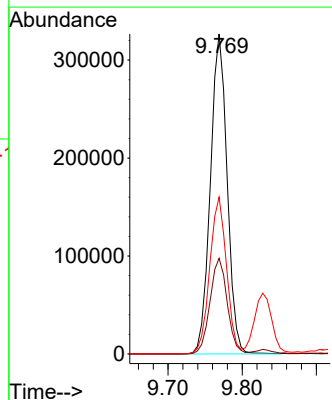
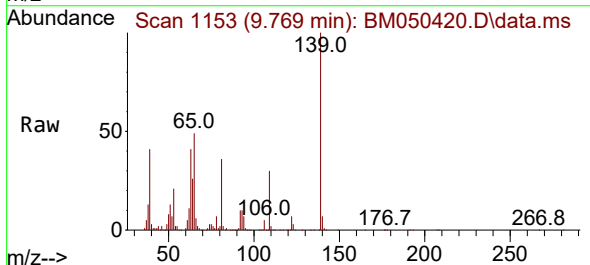
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

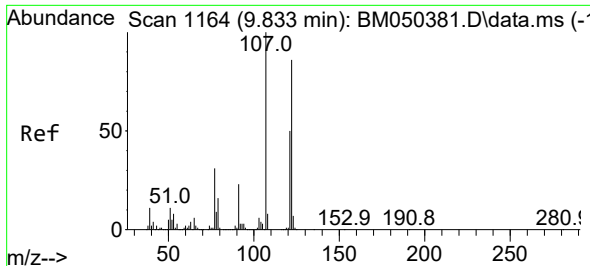
Tgt Ion: 82 Resp: 2102869  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.6 8.4  
138 18.5 15.3 22.9



#26  
2-Nitrophenol  
Concen: 44.802 ng  
RT: 9.769 min Scan# 1153  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion: 139 Resp: 513135  
Ion Ratio Lower Upper  
139 100  
109 29.9 24.6 36.8  
65 49.0 39.2 58.8

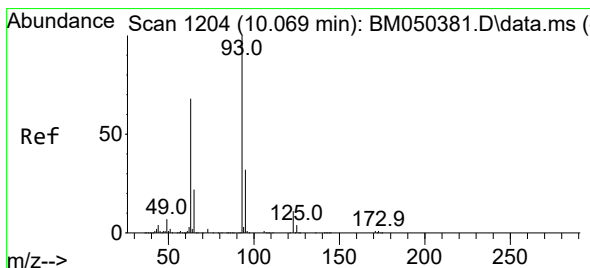
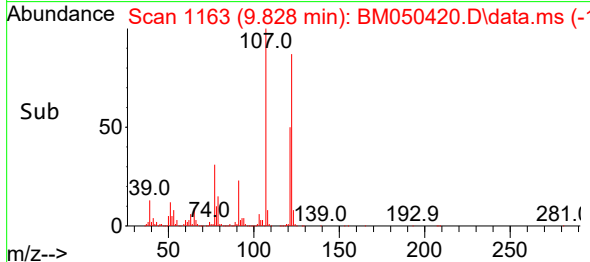
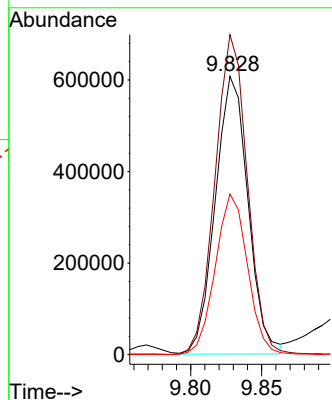
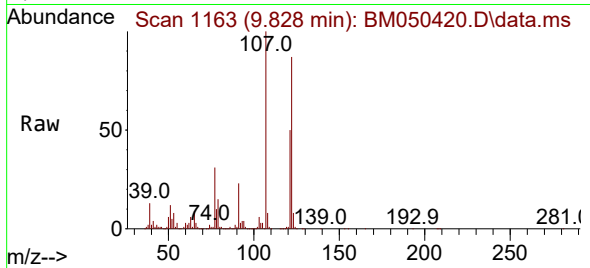




#27  
2,4-Dimethylphenol  
Concen: 39.940 ng  
RT: 9.828 min Scan# 1163  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

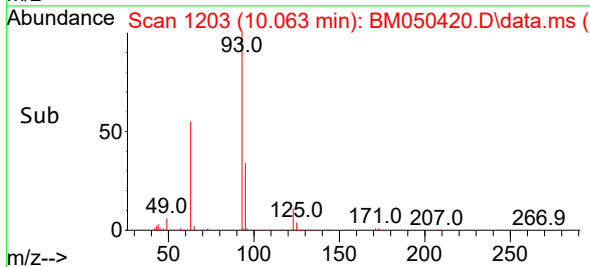
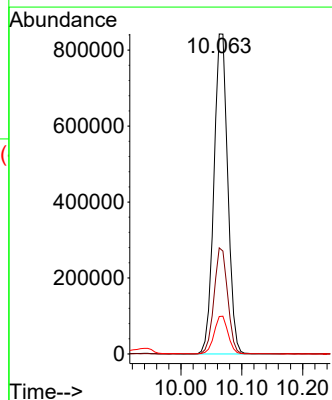
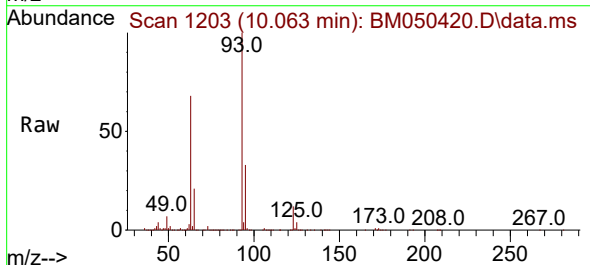
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

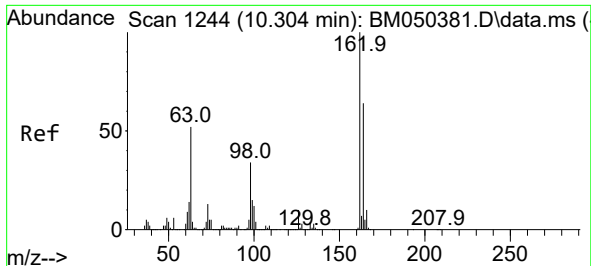
Tgt Ion:122 Resp: 973413  
Ion Ratio Lower Upper  
122 100  
107 115.0 93.0 139.6  
121 57.7 46.1 69.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.296 ng  
RT: 10.063 min Scan# 1203  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion: 93 Resp: 1330631  
Ion Ratio Lower Upper  
93 100  
95 33.2 25.8 38.6  
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.926 ng

RT: 10.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

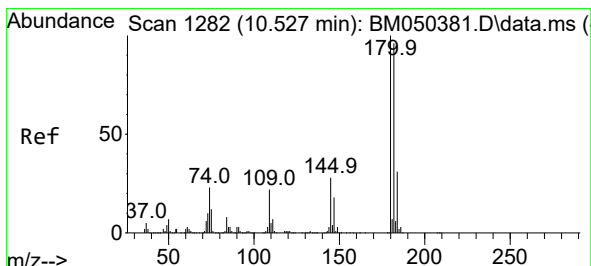
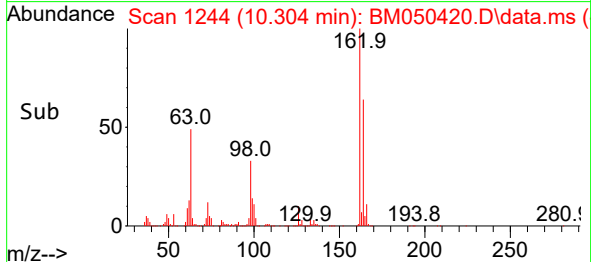
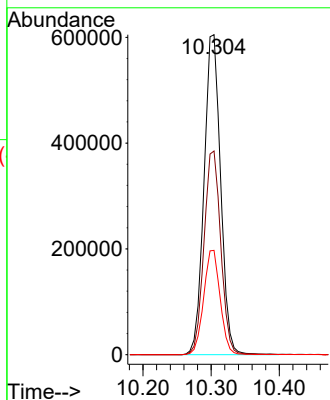
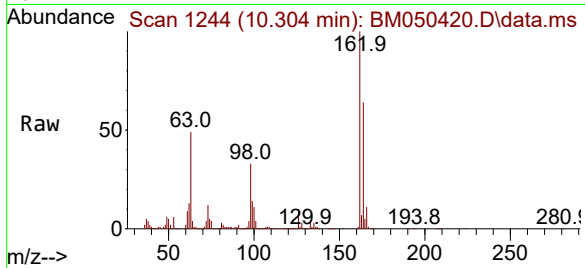
Tgt Ion:162 Resp: 1024716

Ion Ratio Lower Upper

162 100

164 63.6 43.7 83.7

98 32.6 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 38.777 ng

RT: 10.522 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

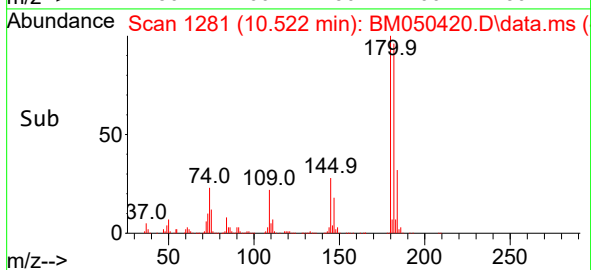
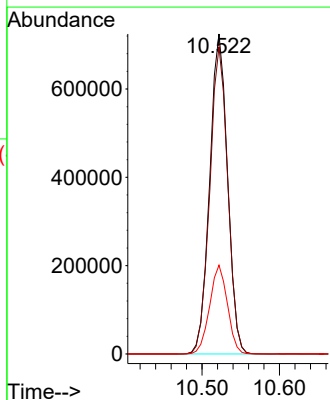
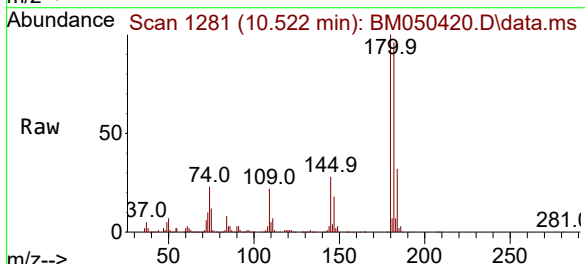
Tgt Ion:180 Resp: 1161475

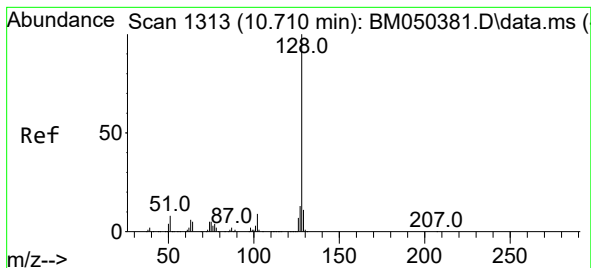
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 27.8 22.6 33.8

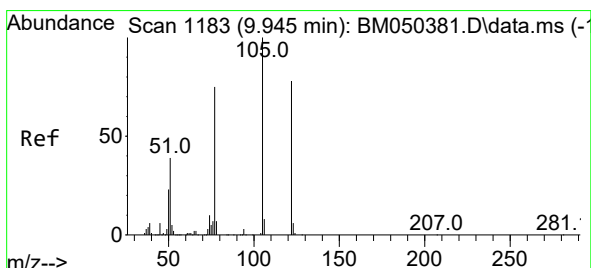
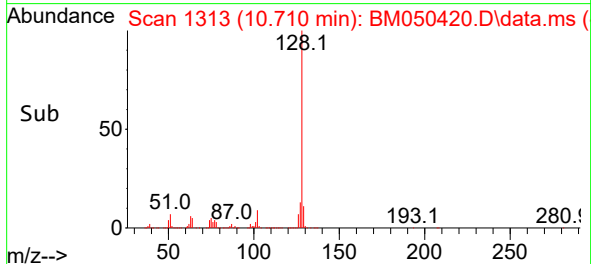
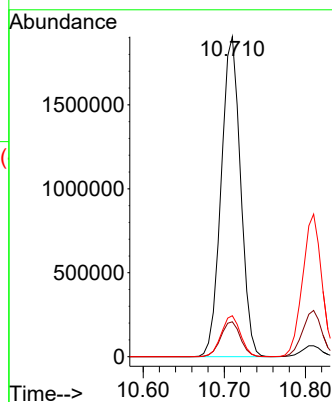
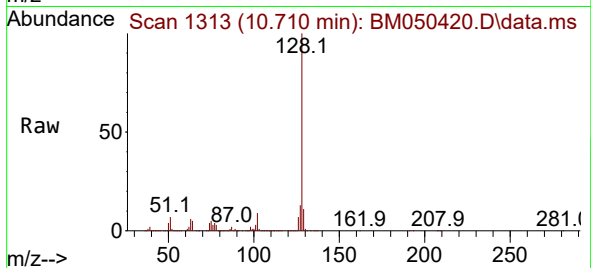




#31  
Naphthalene  
Concen: 38.731 ng  
RT: 10.710 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

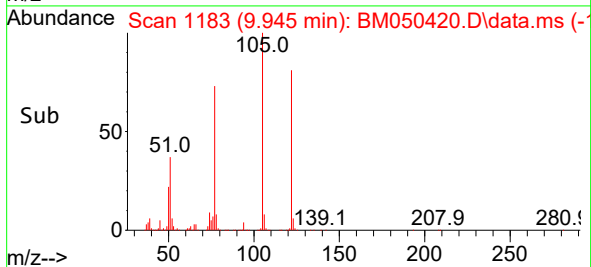
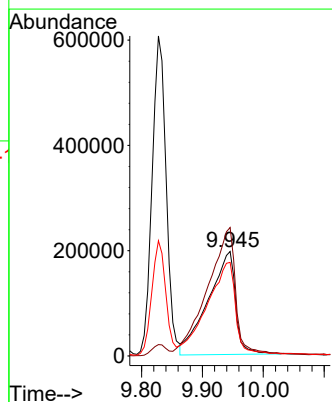
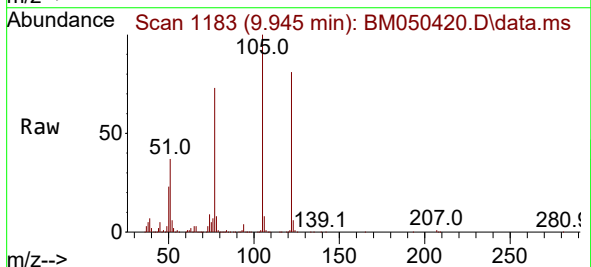
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

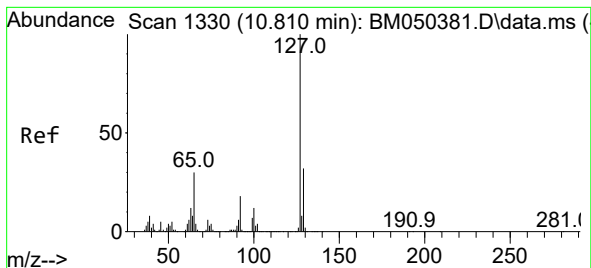
Tgt Ion:128 Resp: 3160723  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 12.8 10.4 15.6



#32  
Benzoic acid  
Concen: 41.838 ng  
RT: 9.945 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:122 Resp: 612778  
Ion Ratio Lower Upper  
122 100  
105 122.9 104.0 144.0  
77 89.6 73.8 113.8



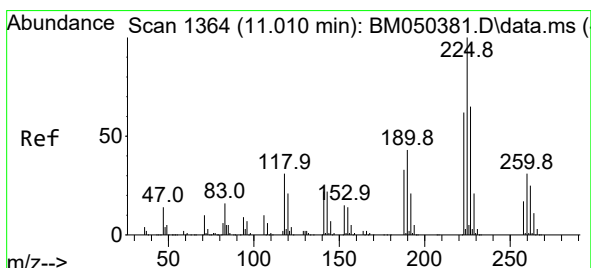
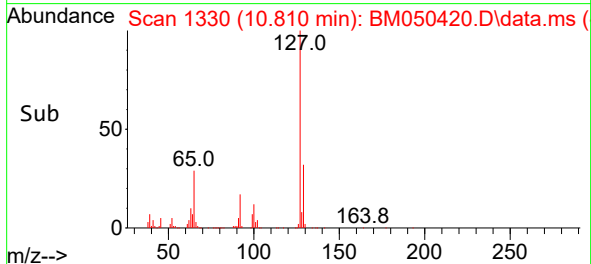
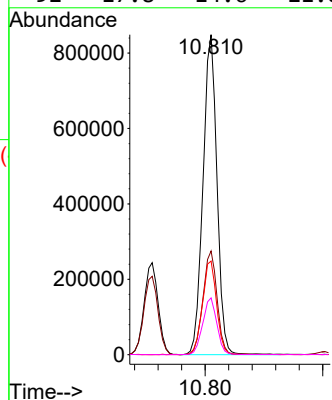
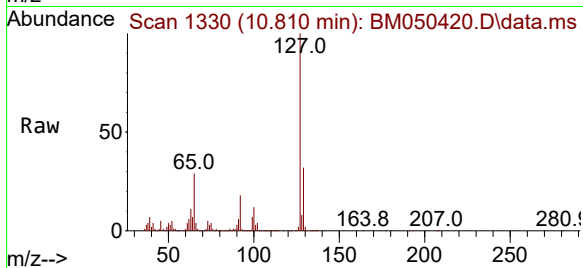


#33  
4-Chloroaniline  
Concen: 40.688 ng  
RT: 10.810 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:127 Resp: 1403750

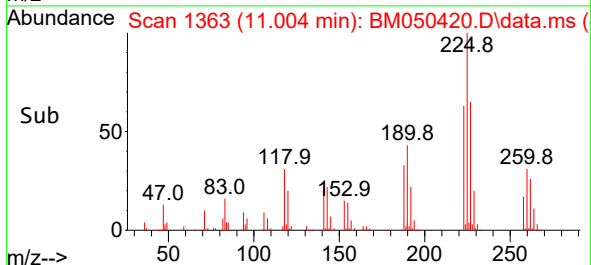
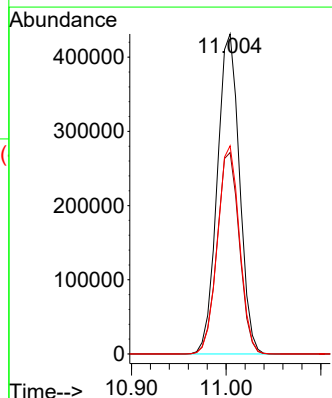
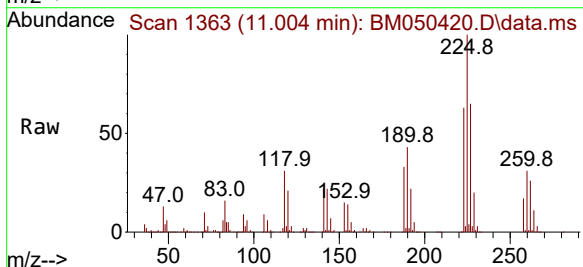
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.4  | 25.5  | 38.3  |
| 65  | 29.2  | 23.9  | 35.9  |
| 92  | 17.8  | 14.6  | 21.8  |

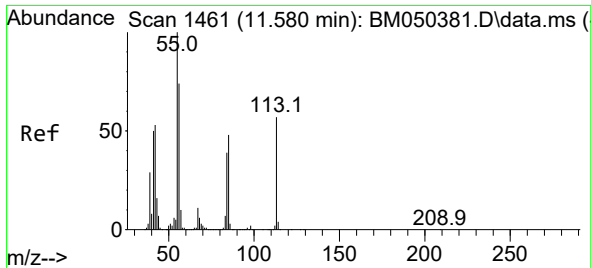


#34  
Hexachlorobutadiene  
Concen: 38.436 ng  
RT: 11.004 min Scan# 1363  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:225 Resp: 702668

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.9  | 49.7  | 74.5  |
| 227 | 65.1  | 52.1  | 78.1  |

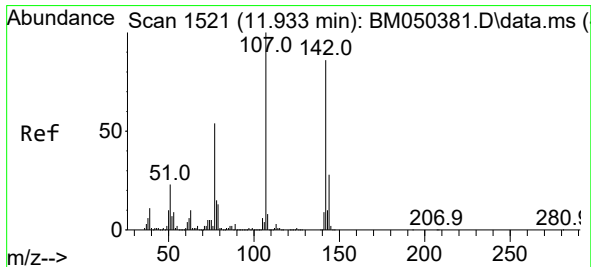
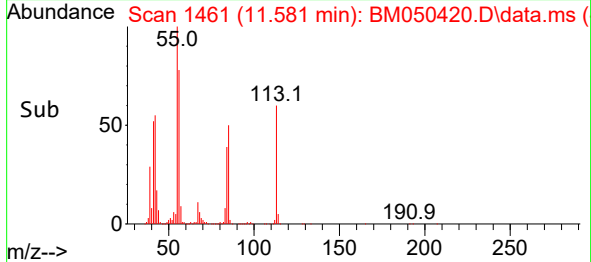
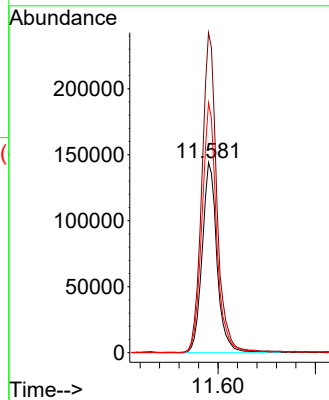
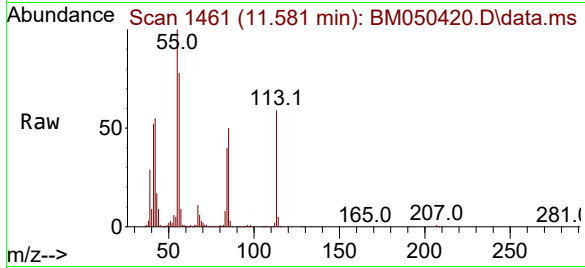




#35  
Caprolactam  
Concen: 44.483 ng  
RT: 11.581 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

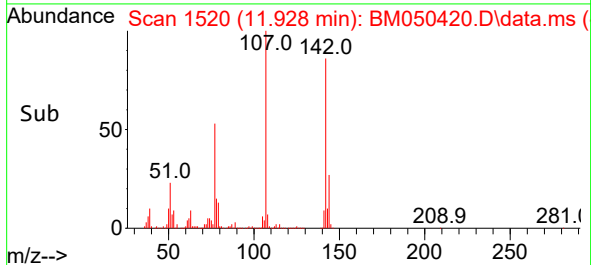
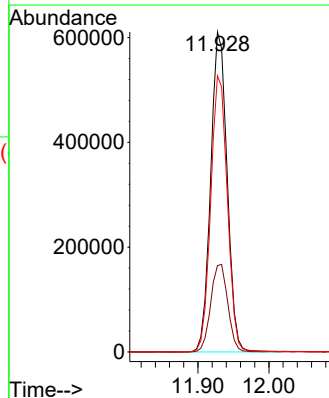
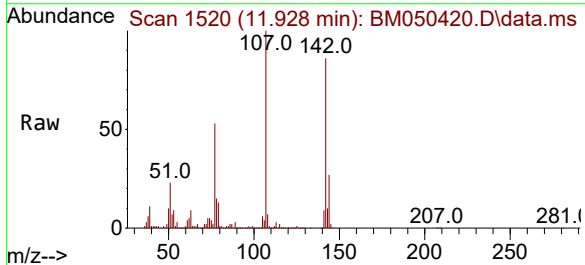
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

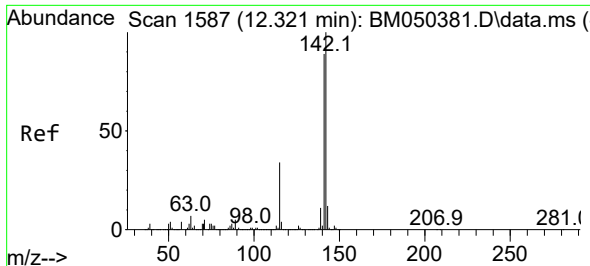
Tgt Ion:113 Resp: 304052  
Ion Ratio Lower Upper  
113 100  
55 168.3 157.2 197.2  
56 131.4 111.7 151.7



#36  
4-Chloro-3-methylphenol  
Concen: 42.034 ng  
RT: 11.928 min Scan# 1520  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:107 Resp: 982825  
Ion Ratio Lower Upper  
107 100  
144 27.0 22.2 33.4  
142 86.3 68.7 103.1





#37

2-Methylnaphthalene

Concen: 39.983 ng

RT: 12.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

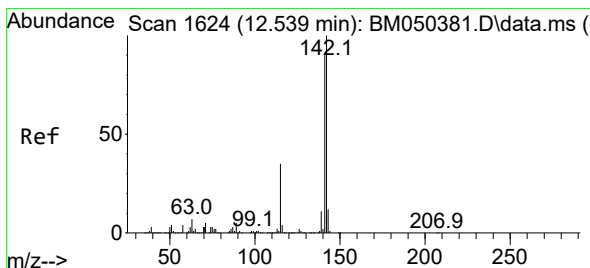
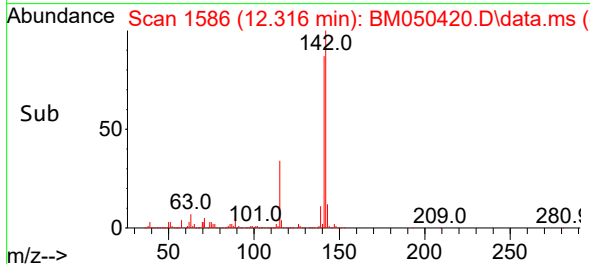
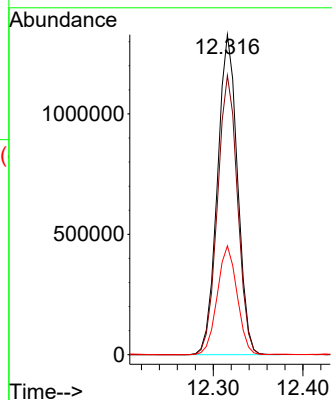
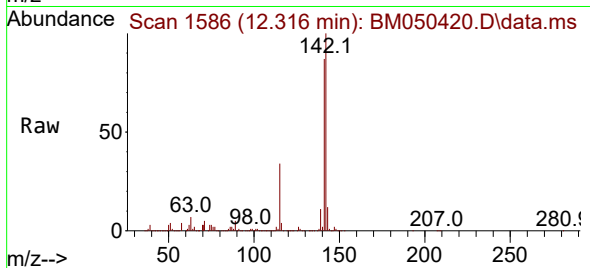
Tgt Ion:142 Resp: 2060229

Ion Ratio Lower Upper

142 100

141 87.2 70.8 106.2

115 34.0 27.0 40.4



#38

1-Methylnaphthalene

Concen: 40.061 ng

RT: 12.533 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

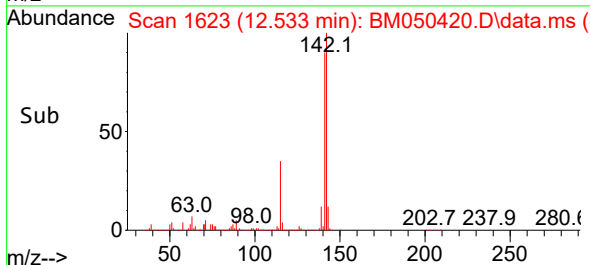
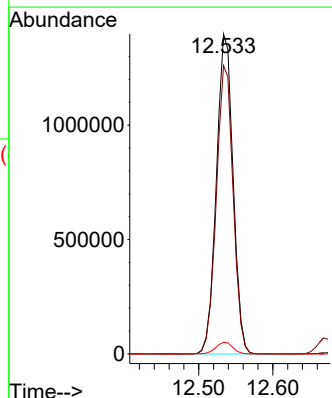
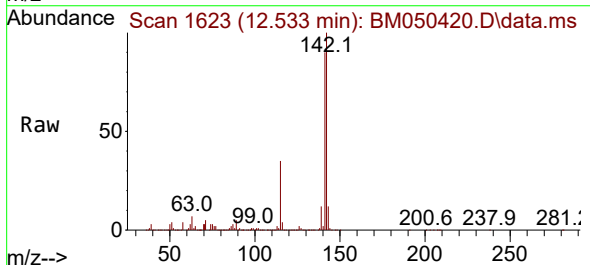
Tgt Ion:142 Resp: 2184576

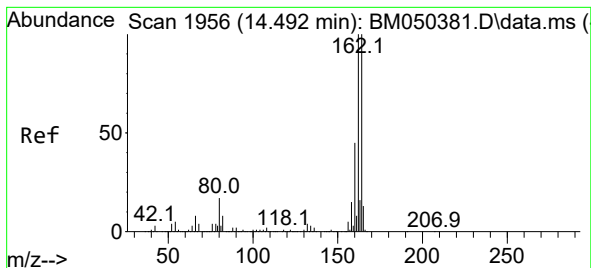
Ion Ratio Lower Upper

142 100

141 90.1 71.9 107.9

116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

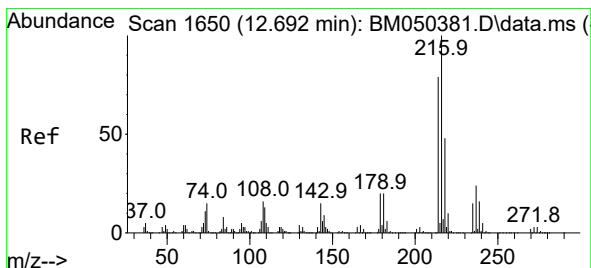
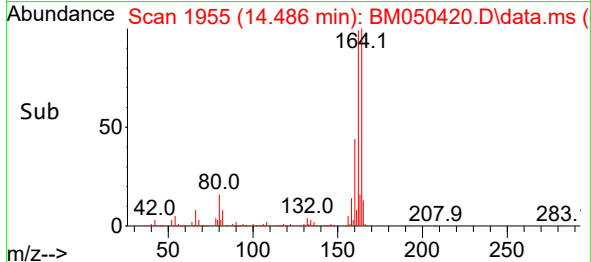
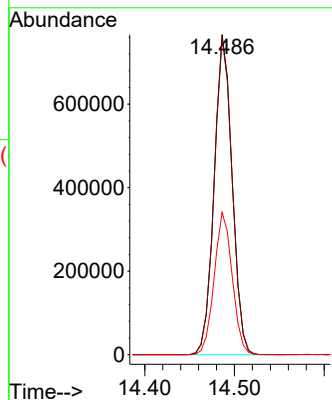
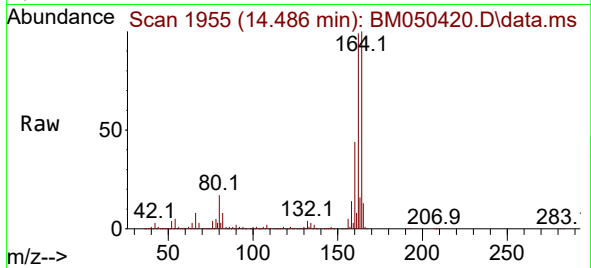
Tgt Ion:164 Resp: 1065313

Ion Ratio Lower Upper

164 100

162 99.0 79.9 119.9

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.240 ng

RT: 12.686 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Tgt Ion:216 Resp: 1295477

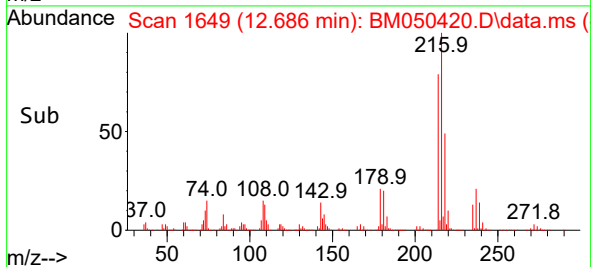
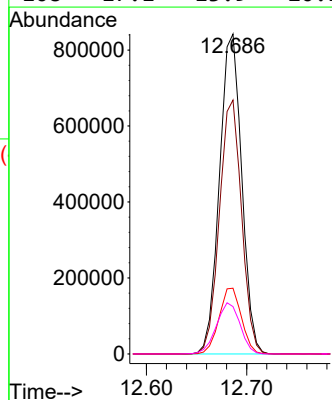
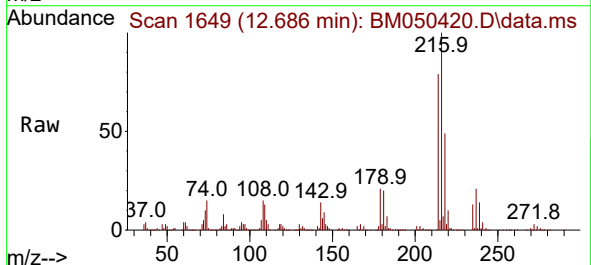
Ion Ratio Lower Upper

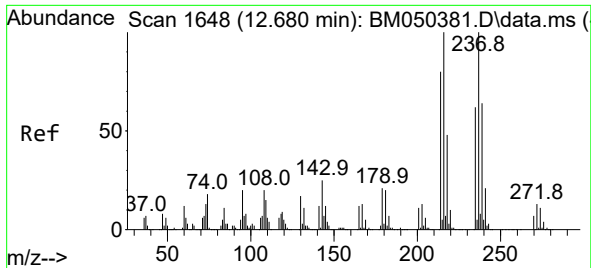
216 100

214 78.9 63.3 94.9

179 20.7 16.4 24.6

108 17.1 13.9 20.9

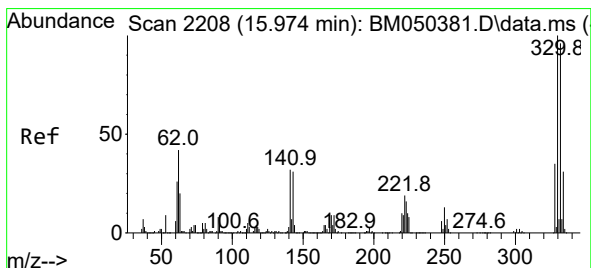
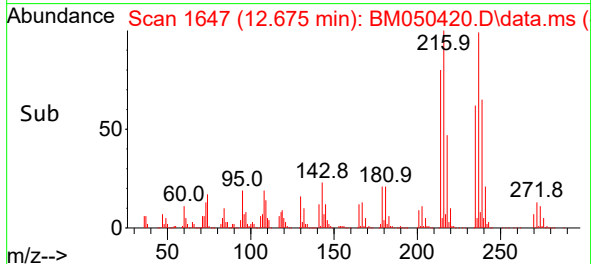
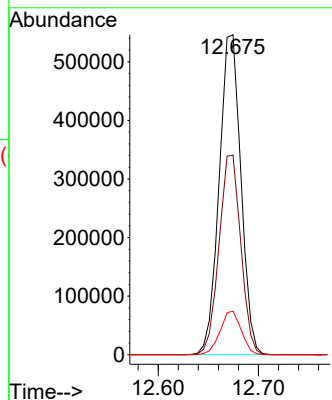
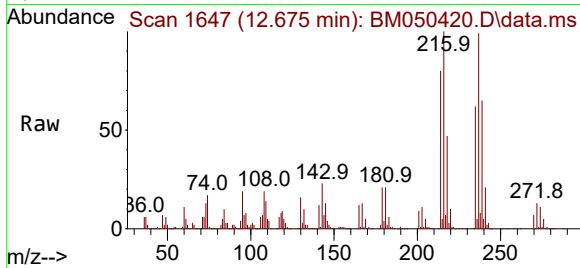




#41  
Hexachlorocyclopentadiene  
Concen: 37.918 ng  
RT: 12.675 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

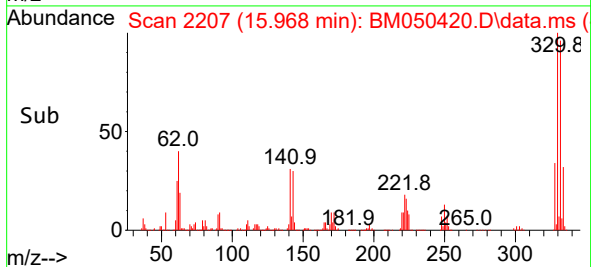
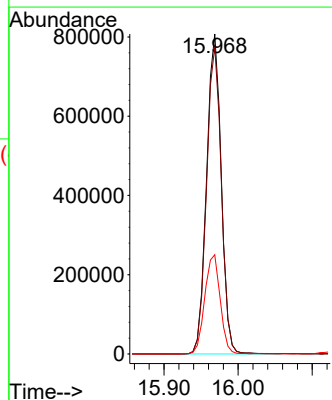
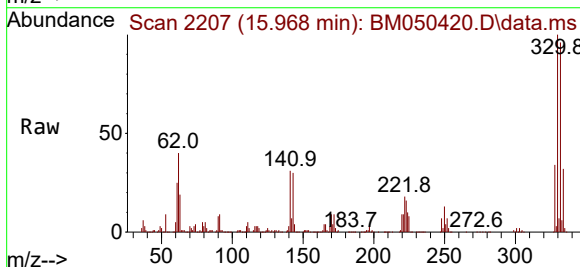
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

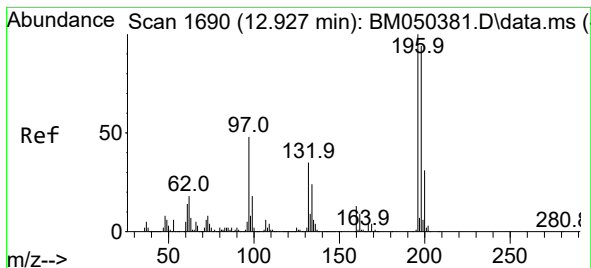
Tgt Ion:237 Resp: 821125  
Ion Ratio Lower Upper  
237 100  
235 62.3 42.3 82.3  
272 13.6 0.0 33.0



#42  
2,4,6-Tribromophenol  
Concen: 85.999 ng  
RT: 15.968 min Scan# 2207  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:330 Resp: 1113139  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.9 115.3  
141 32.6 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 40.918 ng

RT: 12.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

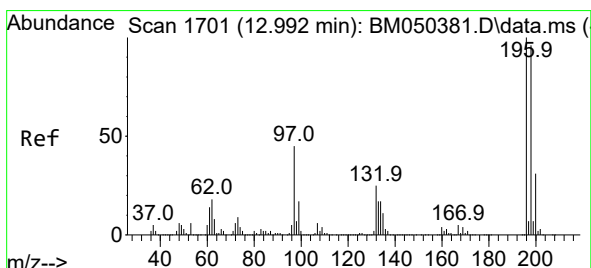
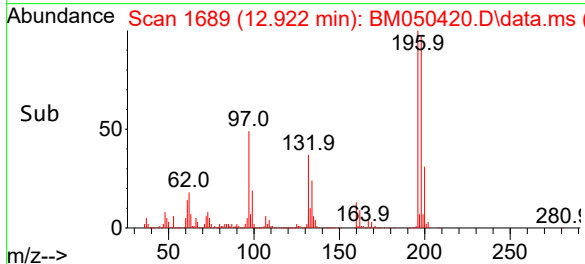
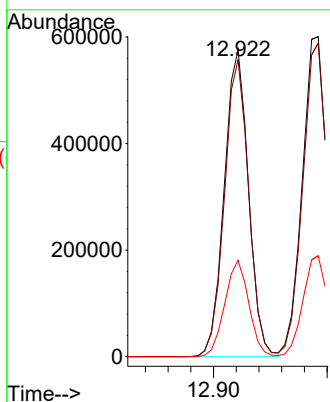
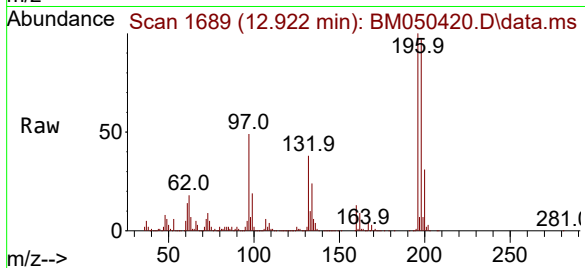
Tgt Ion:196 Resp: 853278

Ion Ratio Lower Upper

196 100

198 96.7 75.1 112.7

200 31.4 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 40.768 ng

RT: 12.992 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Tgt Ion:196 Resp: 928457

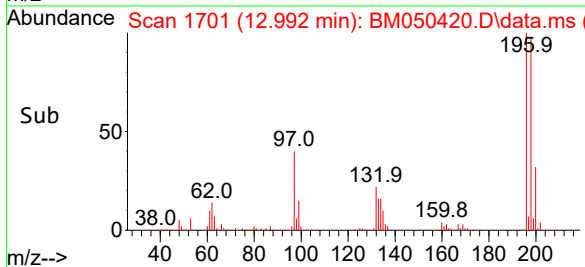
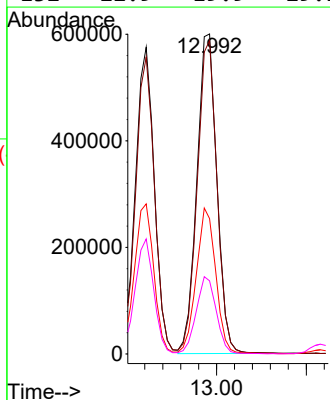
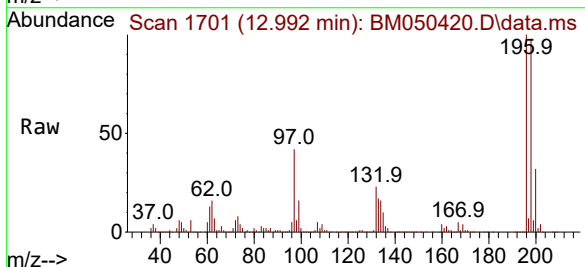
Ion Ratio Lower Upper

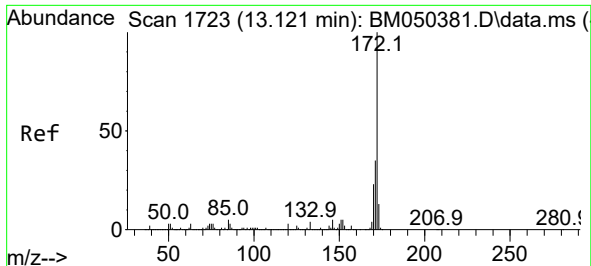
196 100

198 97.9 77.2 115.8

97 42.3 36.2 54.4

132 22.9 19.9 29.9

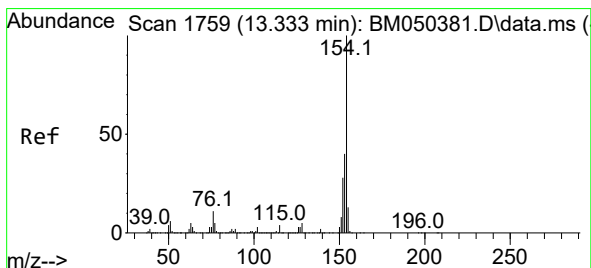
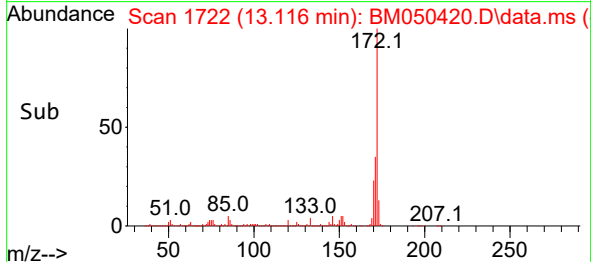
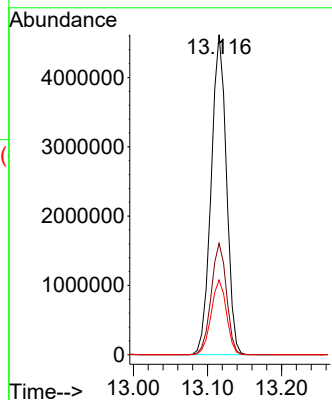
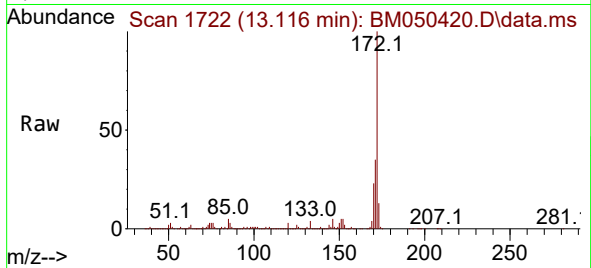




#45  
2-Fluorobiphenyl  
Concen: 76.367 ng  
RT: 13.116 min Scan# 1722  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

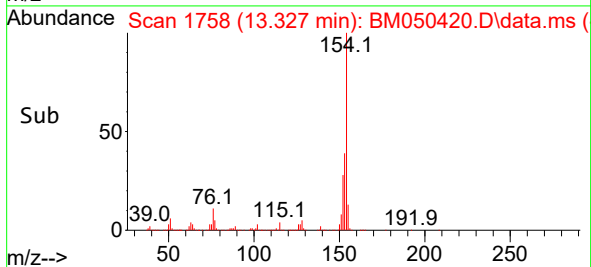
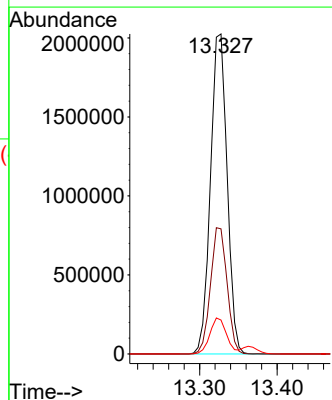
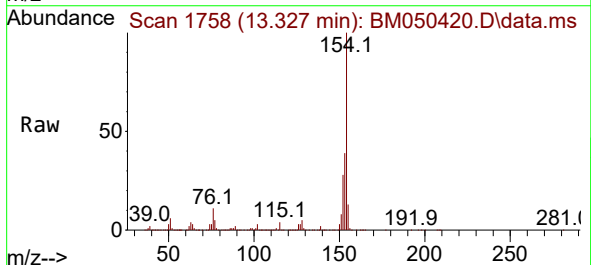
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

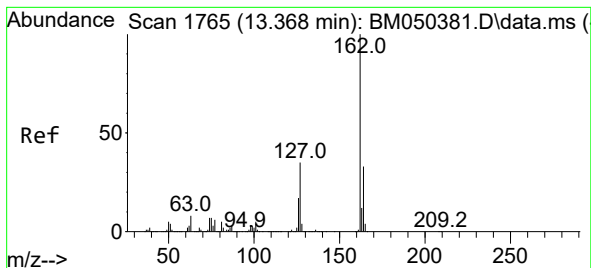
Tgt Ion:172 Resp: 6587806  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.7 41.5  
170 23.4 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 38.175 ng  
RT: 13.327 min Scan# 1758  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:154 Resp: 3017288  
Ion Ratio Lower Upper  
154 100  
153 39.1 19.7 59.7  
76 10.6 0.0 30.9

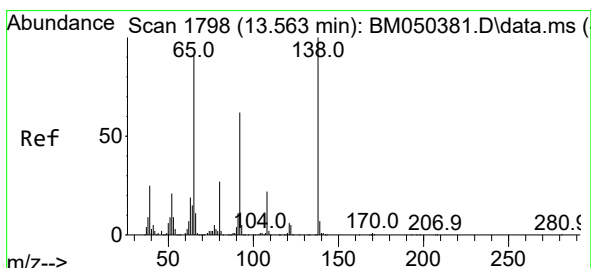
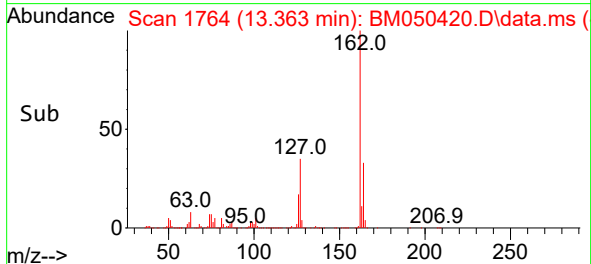
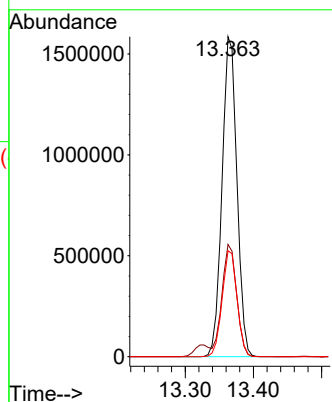
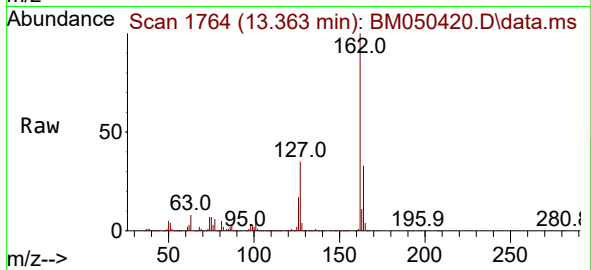




#47  
2-Chloronaphthalene  
Concen: 38.147 ng  
RT: 13.363 min Scan# 1764  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

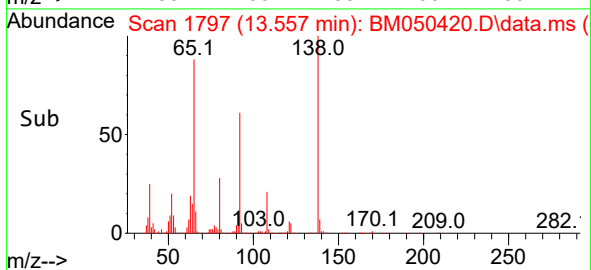
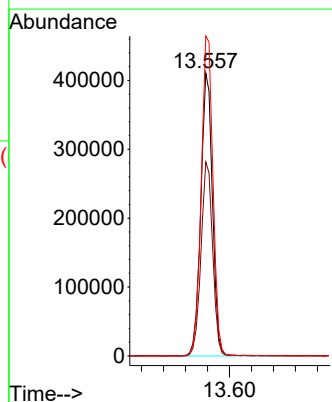
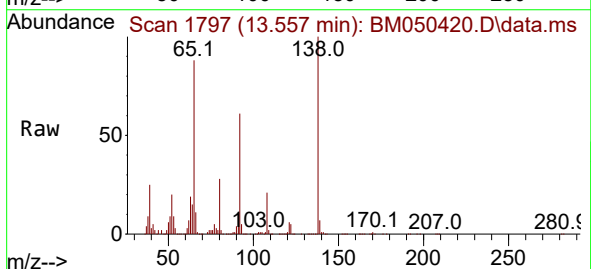
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

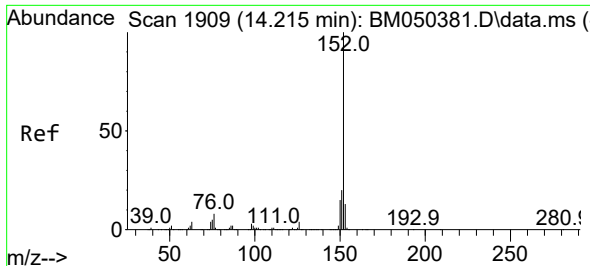
Tgt Ion:162 Resp: 2404003  
Ion Ratio Lower Upper  
162 100  
127 35.1 28.3 42.5  
164 33.1 26.6 40.0



#48  
2-Nitroaniline  
Concen: 43.275 ng  
RT: 13.557 min Scan# 1797  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion: 65 Resp: 608727  
Ion Ratio Lower Upper  
65 100  
92 68.6 54.3 81.5  
138 113.1 87.8 131.6

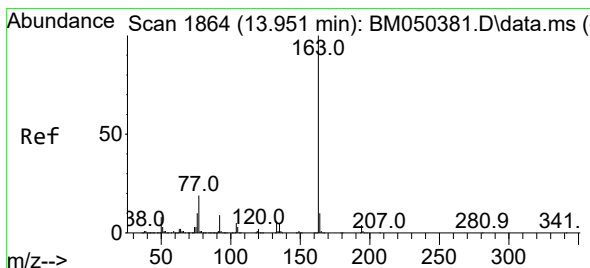
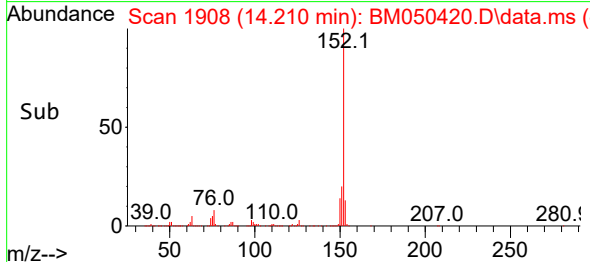
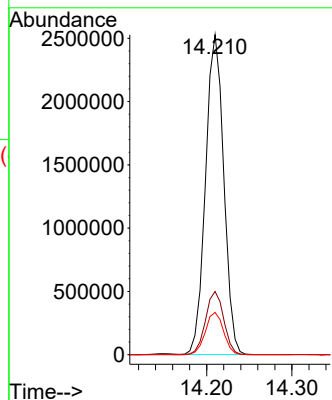
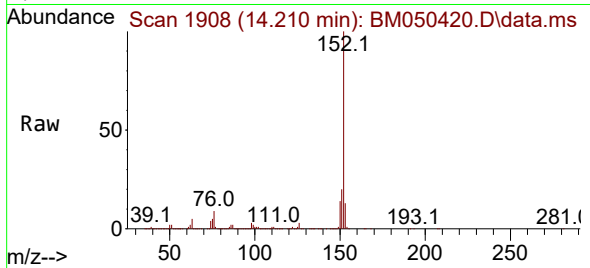




#49  
Acenaphthylene  
Concen: 39.415 ng  
RT: 14.210 min Scan# 1909  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

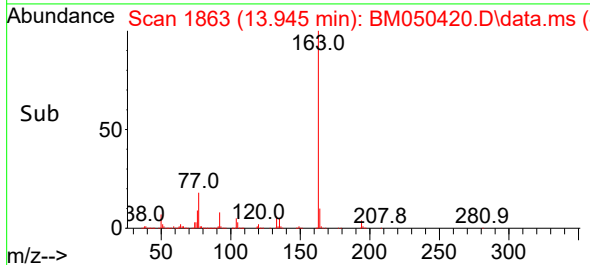
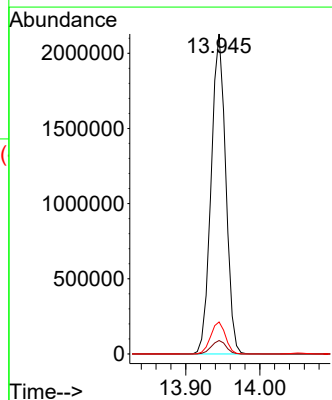
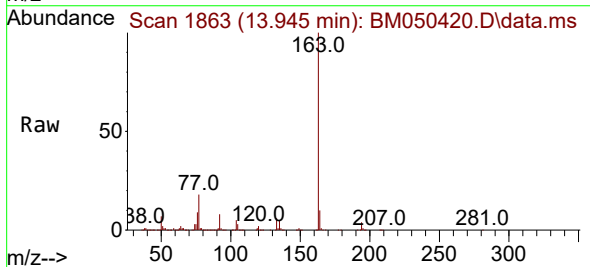
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

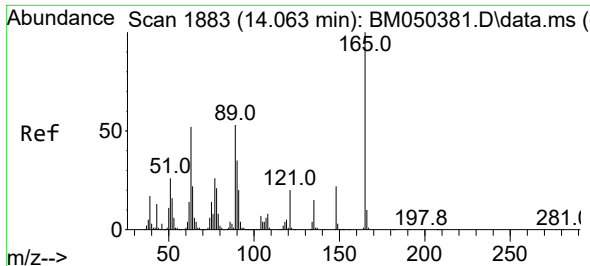
Tgt Ion:152 Resp: 3753845  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.3 24.5  
153 13.2 10.6 15.8



#50  
Dimethylphthalate  
Concen: 39.622 ng  
RT: 13.945 min Scan# 1863  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:163 Resp: 2906048  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.2  
164 10.0 8.2 12.2

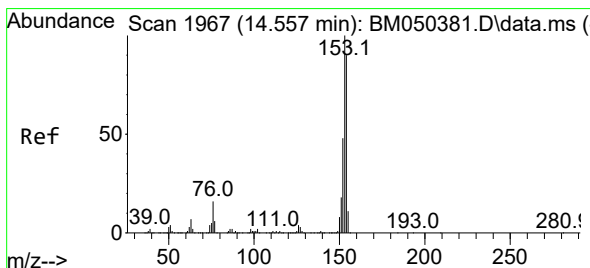
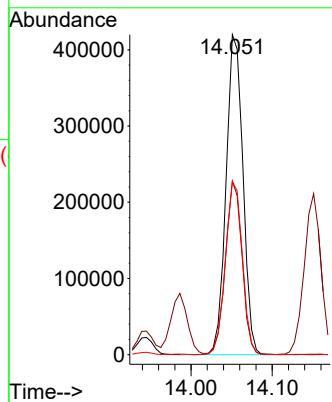
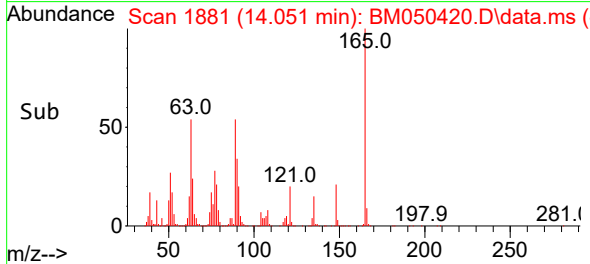
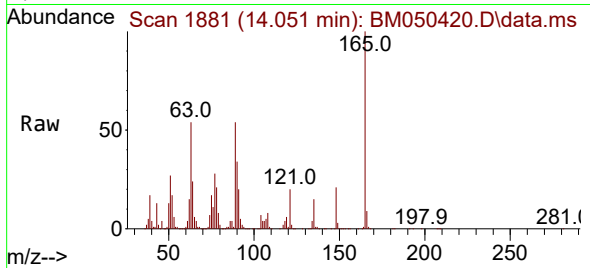




#51  
2,6-Dinitrotoluene  
Concen: 43.075 ng  
RT: 14.051 min Scan# 1881  
Delta R.T. -0.012 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

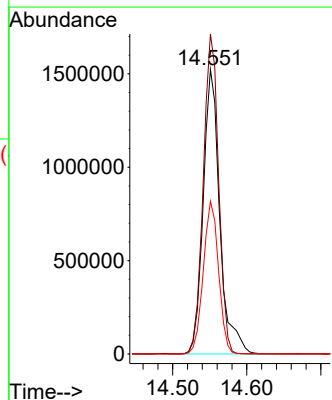
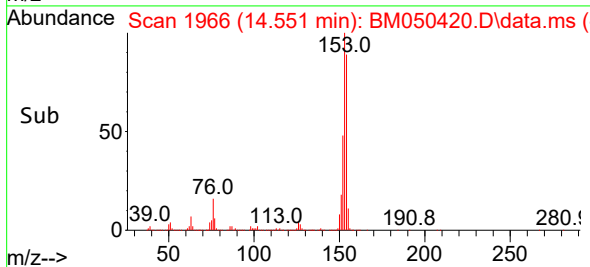
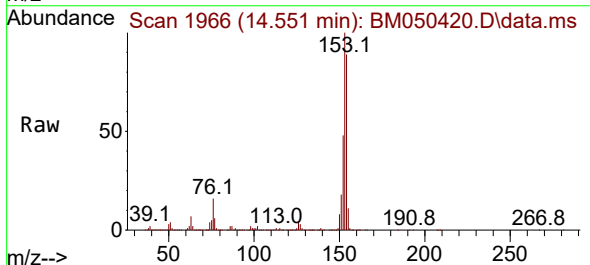
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

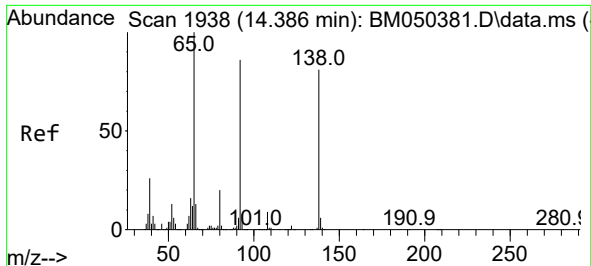
Tgt Ion:165 Resp: 606592  
Ion Ratio Lower Upper  
165 100  
63 54.3 42.4 63.6  
89 54.1 42.2 63.2



#52  
Acenaphthene  
Concen: 39.128 ng  
RT: 14.551 min Scan# 1966  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:154 Resp: 2369153  
Ion Ratio Lower Upper  
154 100  
153 112.5 89.2 133.8  
152 53.7 42.6 64.0

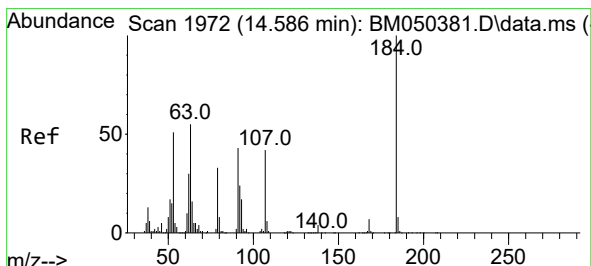
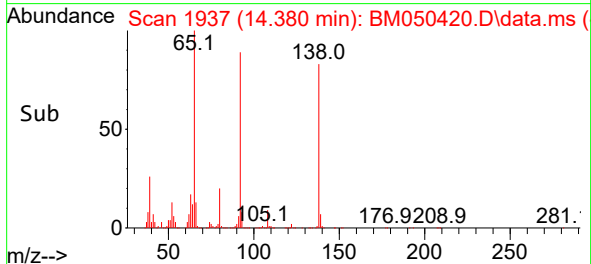
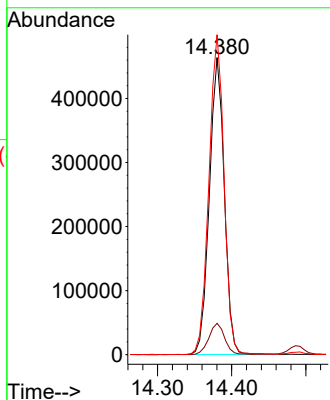
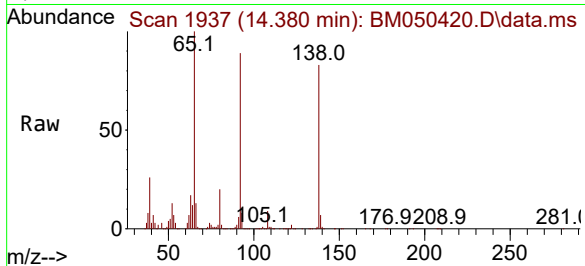




#53  
3-Nitroaniline  
Concen: 43.339 ng  
RT: 14.380 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

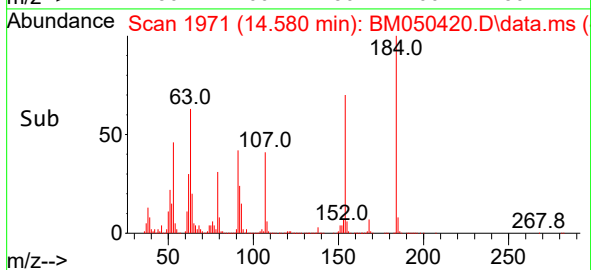
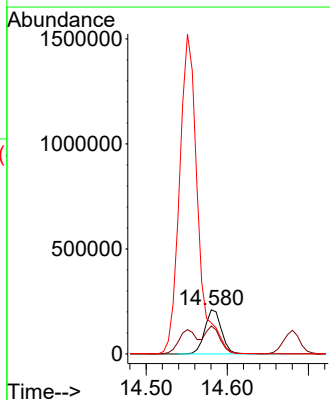
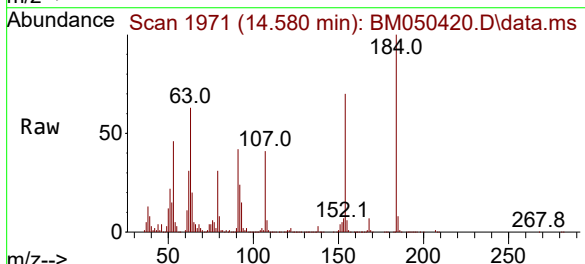
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BNA\_M  
ClientSampleId :  
SSTDCCC040

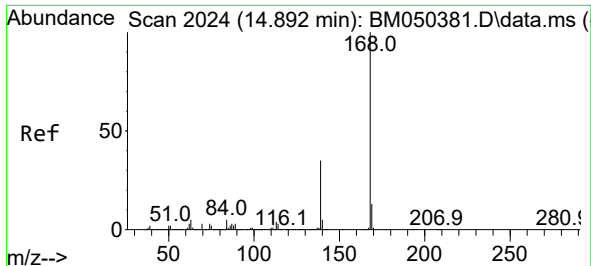
Tgt Ion:138 Resp: 649068  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.8 13.2  
92 107.7 85.0 127.6



#54  
2,4-Dinitrophenol  
Concen: 42.075 ng  
RT: 14.580 min Scan# 1971  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:184 Resp: 301295  
Ion Ratio Lower Upper  
184 100  
63 63.3 53.4 80.0  
154 70.2 61.6 92.4

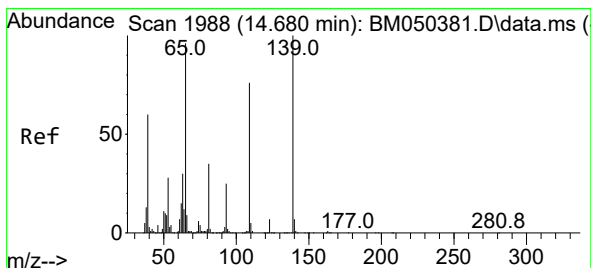
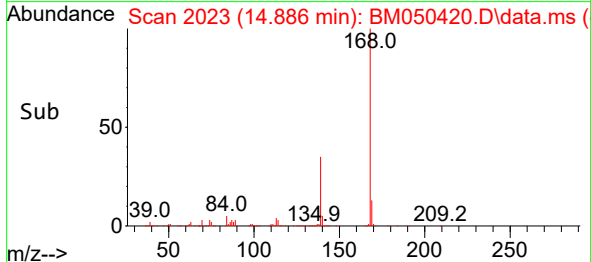
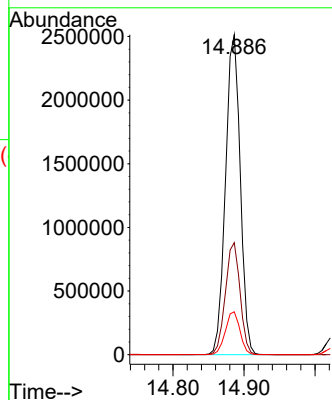
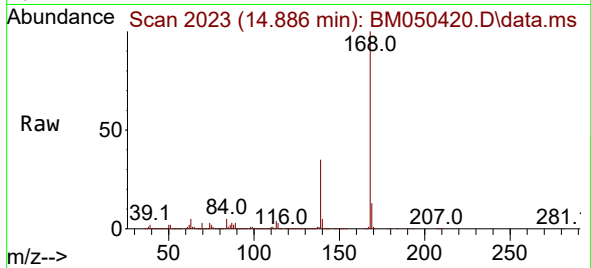




#55  
Dibenzenofuran  
Concen: 38.699 ng  
RT: 14.886 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

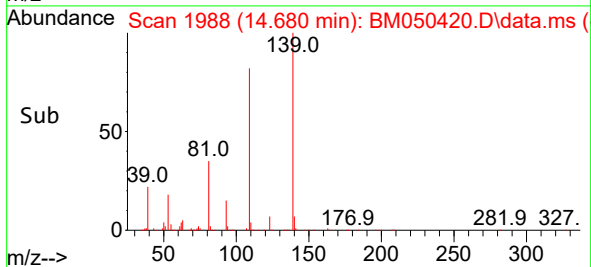
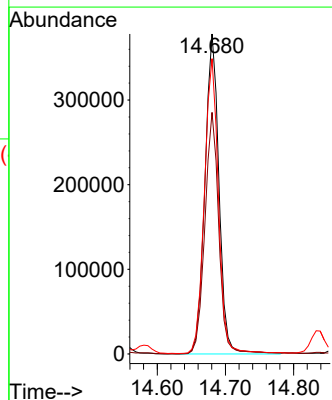
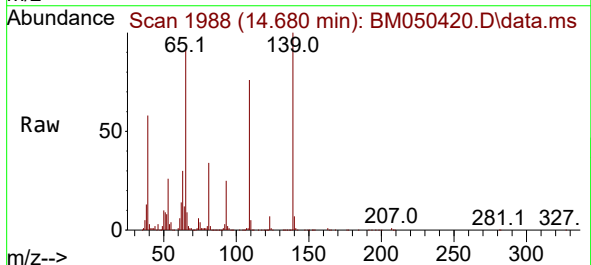
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ClientSampleId :  
SSTDCCC040

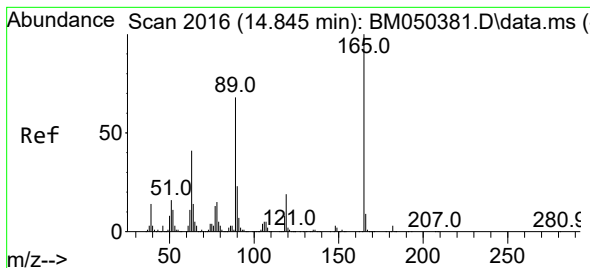
Tgt Ion:168 Resp: 3610434  
Ion Ratio Lower Upper  
168 100  
139 35.0 27.7 41.5  
169 13.4 10.7 16.1



#56  
4-Nitrophenol  
Concen: 42.184 ng  
RT: 14.680 min Scan# 1988  
Delta R.T. 0.000 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:139 Resp: 543301  
Ion Ratio Lower Upper  
139 100  
109 75.5 56.5 96.5  
65 92.3 76.4 116.4

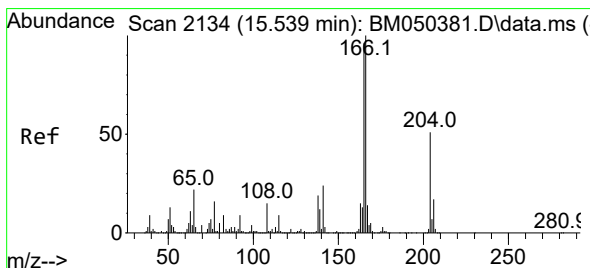
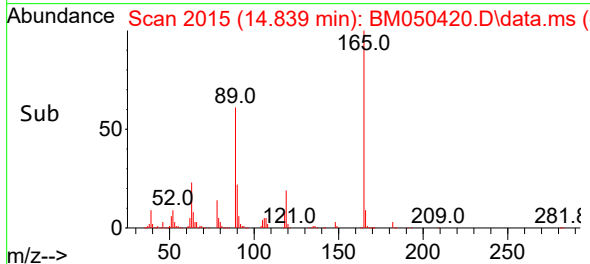
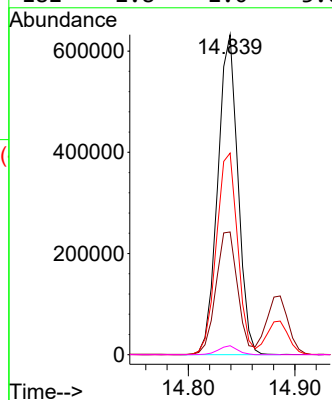
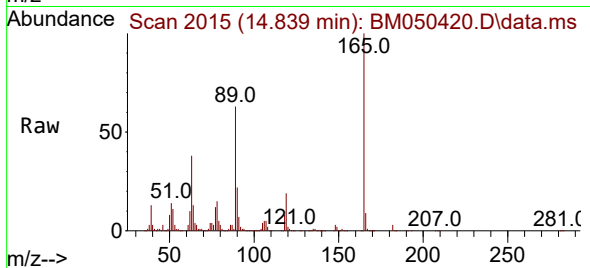




#57  
2,4-Dinitrotoluene  
Concen: 39.943 ng  
RT: 14.839 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

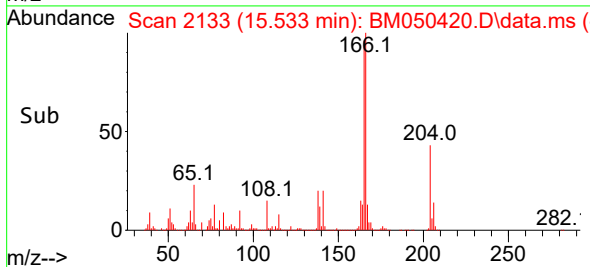
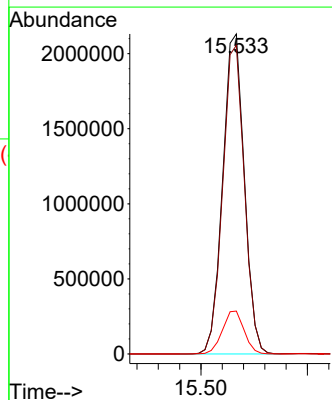
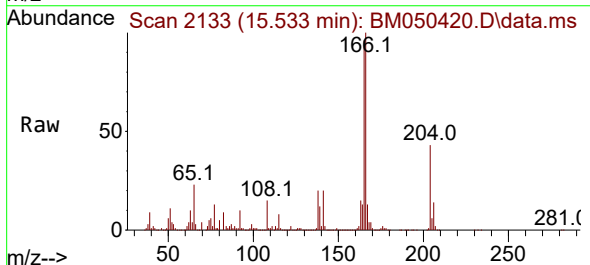
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

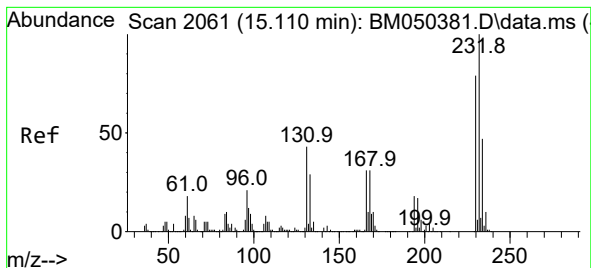
Tgt Ion:165 Resp: 831828  
Ion Ratio Lower Upper  
165 100  
63 38.4 32.5 48.7  
89 63.0 54.0 81.0  
182 2.8 2.0 3.0



#58  
Fluorene  
Concen: 39.119 ng  
RT: 15.533 min Scan# 2133  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:166 Resp: 3006034  
Ion Ratio Lower Upper  
166 100  
165 96.4 77.0 115.6  
167 13.4 10.9 16.3

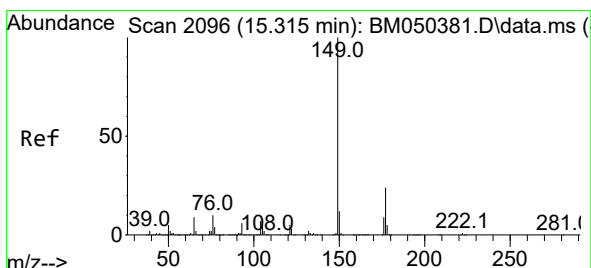
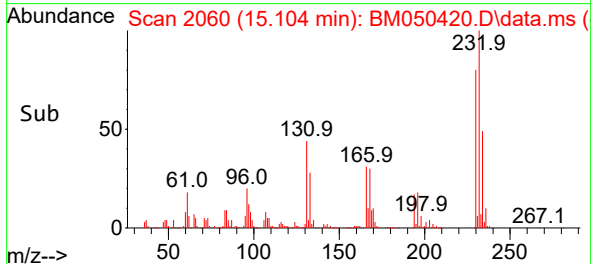
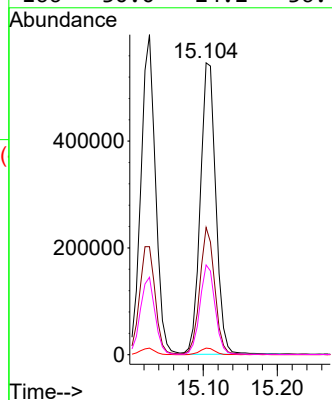
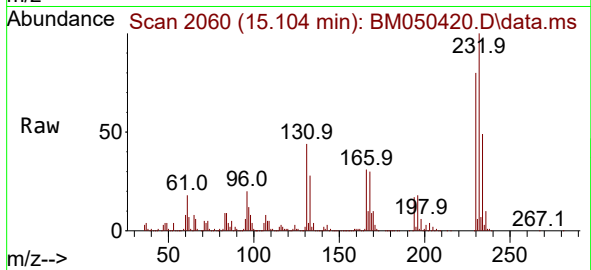




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.323 ng  
RT: 15.104 min Scan# 2060  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

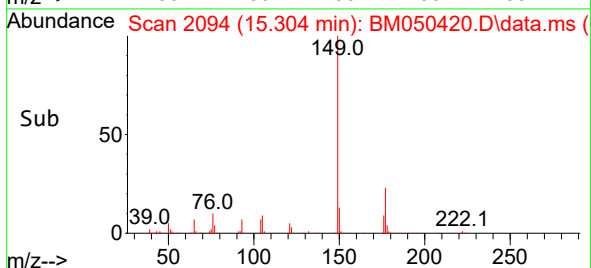
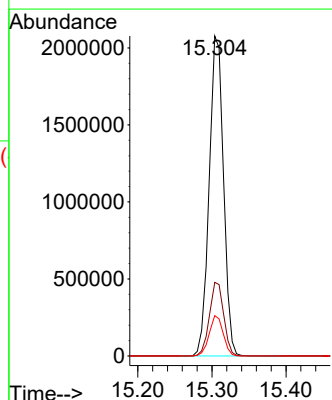
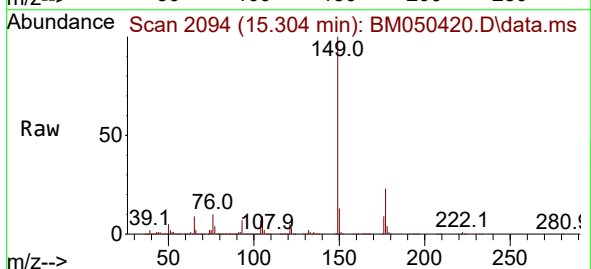
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

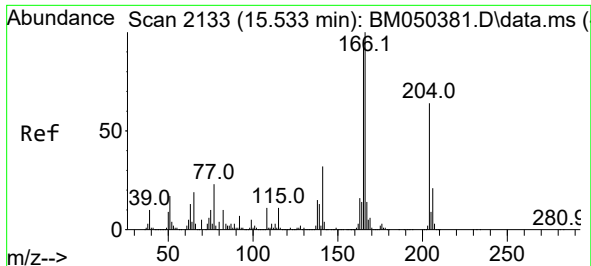
Tgt Ion:232 Resp: 792210  
Ion Ratio Lower Upper  
232 100  
131 41.5 33.4 50.0  
130 2.2 1.8 2.6  
166 30.0 24.2 36.4



#60  
Diethylphthalate  
Concen: 39.842 ng  
RT: 15.304 min Scan# 2094  
Delta R.T. -0.012 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:149 Resp: 2791367  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.8 28.2  
150 12.6 9.8 14.8

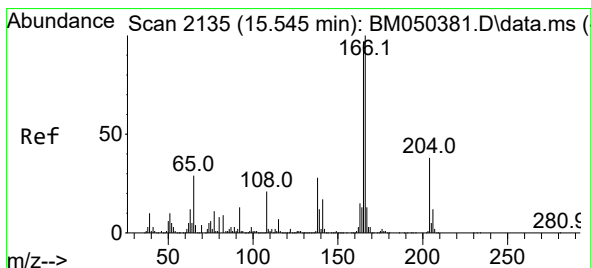
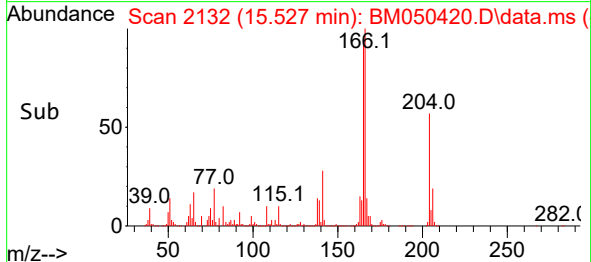
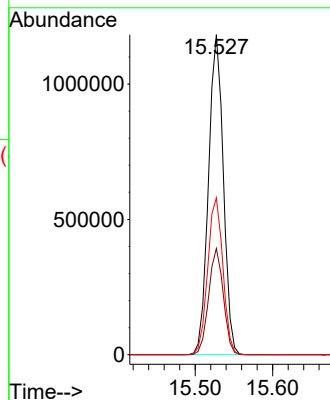
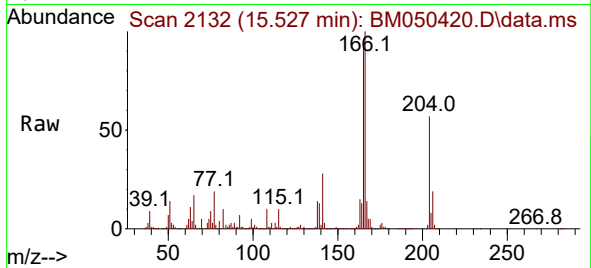




#61  
4-Chlorophenyl-phenylether  
Concen: 39.084 ng  
RT: 15.527 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

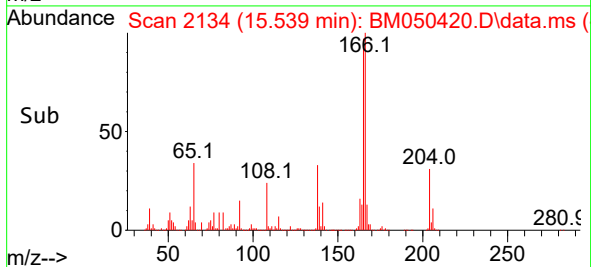
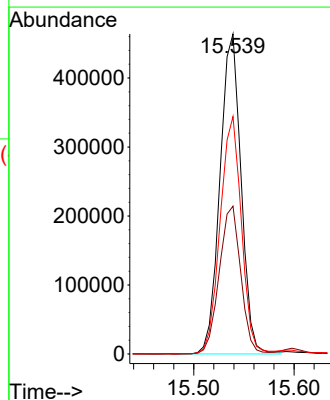
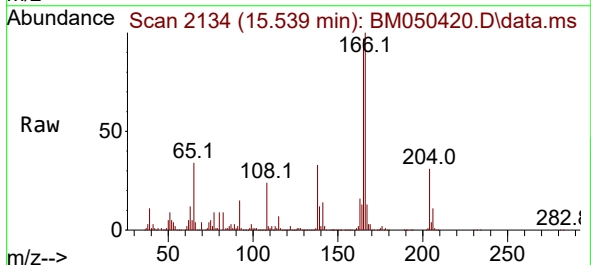
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

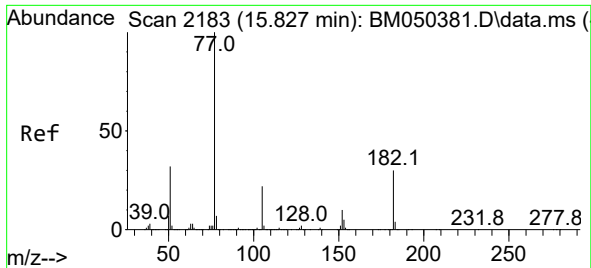
Tgt Ion:204 Resp: 1570452  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.6 39.8  
141 49.0 39.9 59.9



#62  
4-Nitroaniline  
Concen: 39.682 ng  
RT: 15.539 min Scan# 2134  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:138 Resp: 675063  
Ion Ratio Lower Upper  
138 100  
92 46.2 24.5 64.5  
108 74.2 52.5 92.5

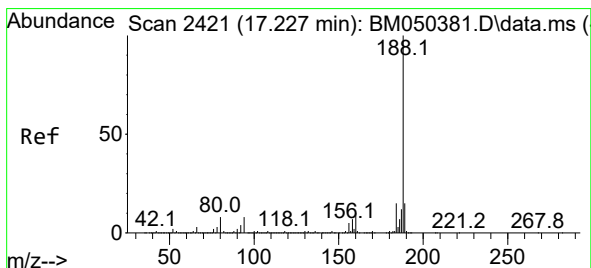
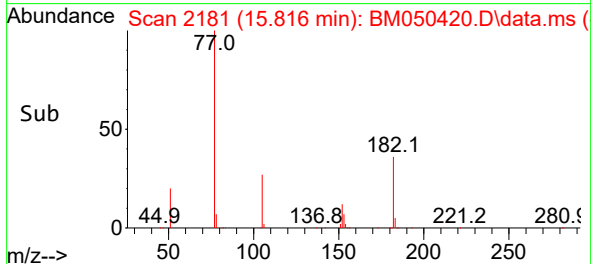
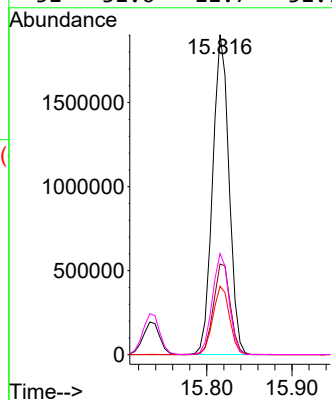
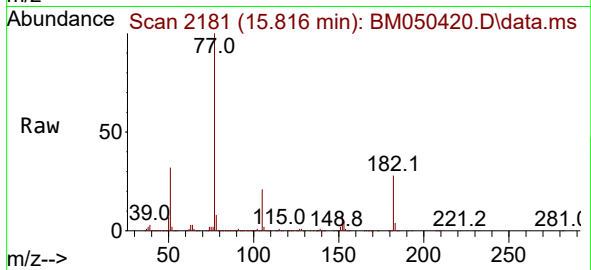




#63  
Azobenzene  
Concen: 39.488 ng  
RT: 15.816 min Scan# 2181  
Delta R.T. -0.012 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

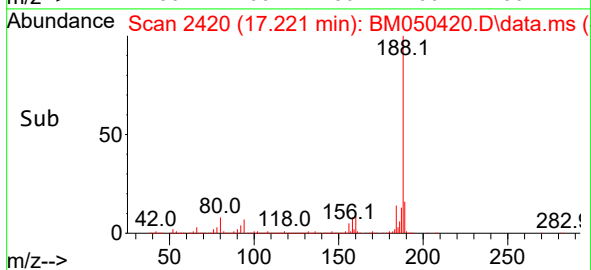
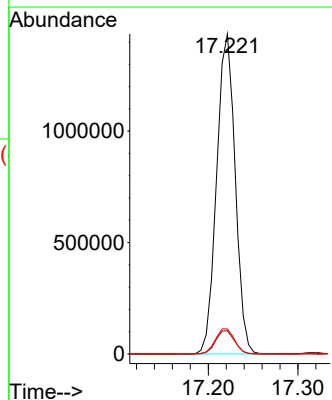
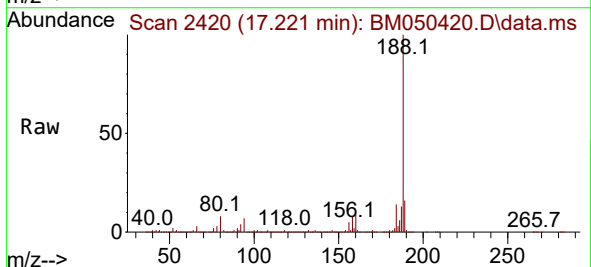
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

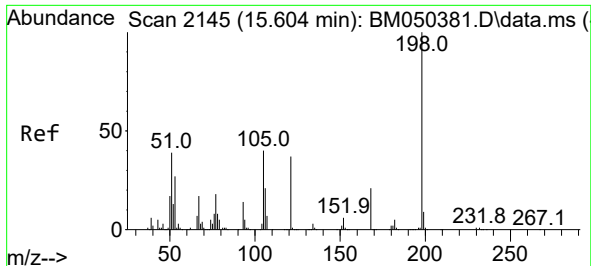
Tgt Ion: 77 Resp: 2540400  
Ion Ratio Lower Upper  
77 100  
182 28.4 10.0 50.0  
105 21.4 2.0 42.0  
51 31.6 11.7 51.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.221 min Scan# 2420  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:188 Resp: 2063489  
Ion Ratio Lower Upper  
188 100  
94 7.2 6.0 9.0  
80 7.8 6.5 9.7

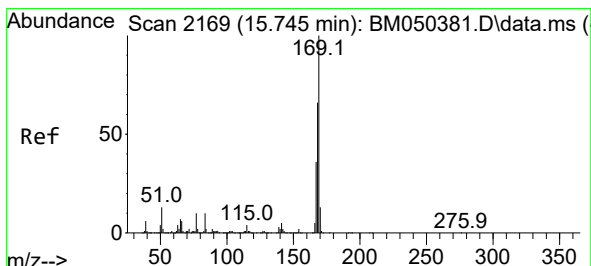
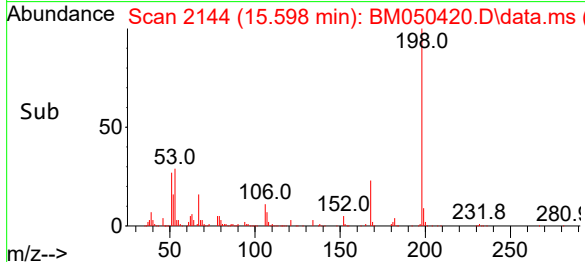
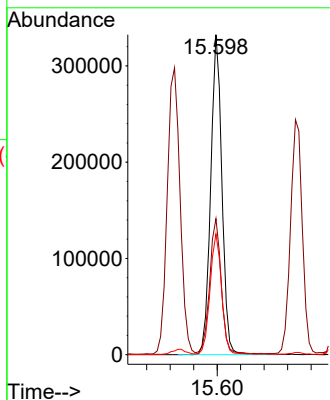
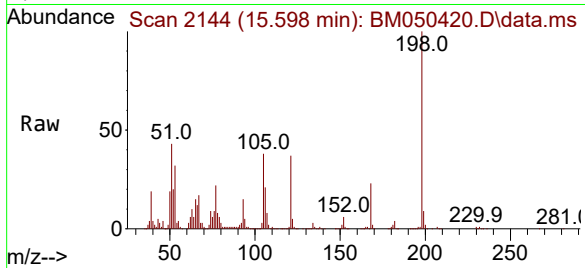




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.812 ng  
RT: 15.598 min Scan# 2144  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

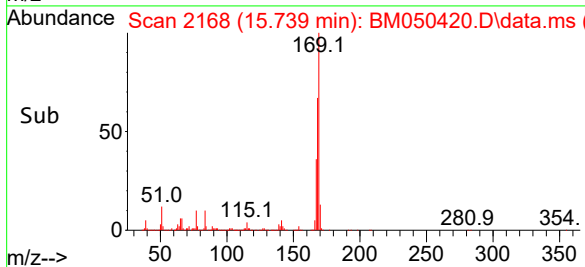
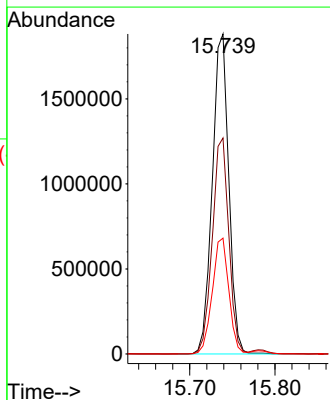
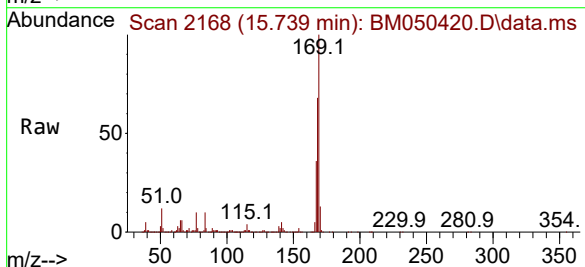
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

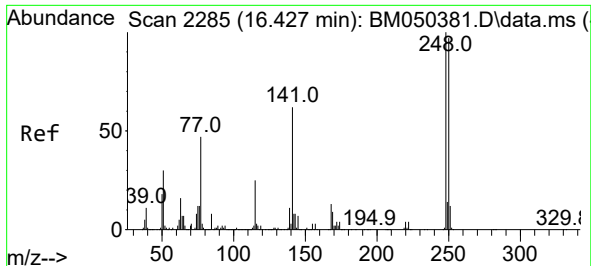
Tgt Ion:198 Resp: 440784  
Ion Ratio Lower Upper  
198 100  
51 42.5 26.6 66.6  
105 37.8 20.9 60.9



#66  
n-Nitrosodiphenylamine  
Concen: 39.096 ng  
RT: 15.739 min Scan# 2168  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:169 Resp: 2524415  
Ion Ratio Lower Upper  
169 100  
168 67.5 53.2 79.8  
167 36.2 28.7 43.1

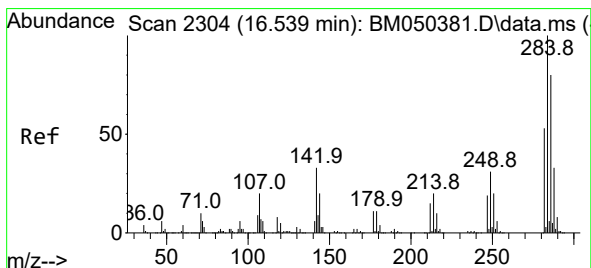
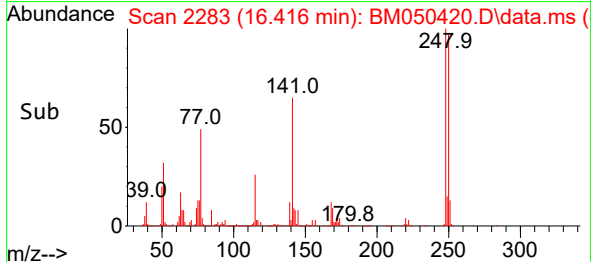
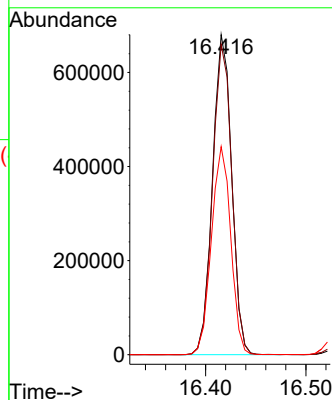
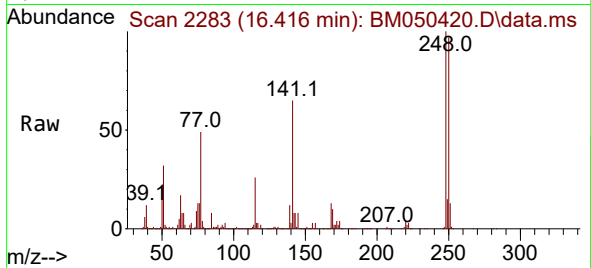




#67  
4-Bromophenyl-phenylether  
Concen: 39.662 ng  
RT: 16.416 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

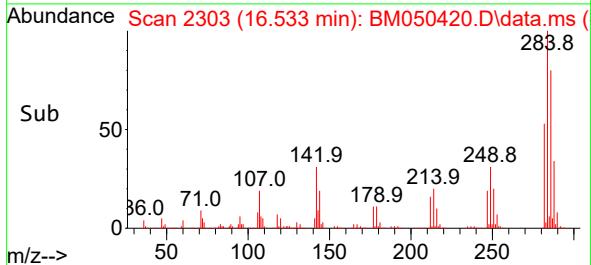
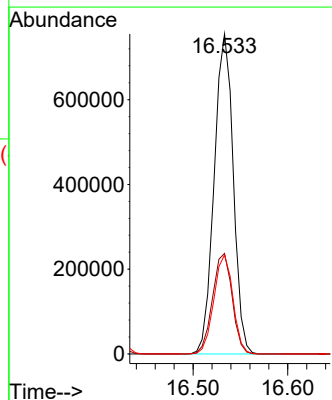
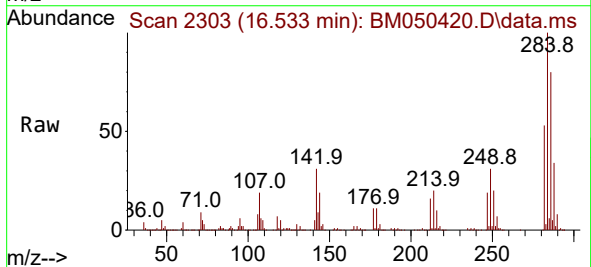
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

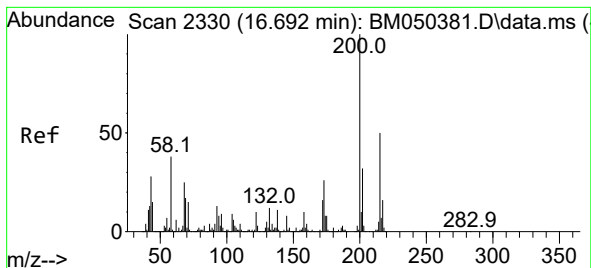
Tgt Ion:248 Resp: 901706  
Ion Ratio Lower Upper  
248 100  
250 97.0 77.9 116.9  
141 65.0 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 39.272 ng  
RT: 16.533 min Scan# 2303  
Delta R.T. -0.006 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:284 Resp: 1054526  
Ion Ratio Lower Upper  
284 100  
142 31.4 26.8 40.2  
249 31.0 24.5 36.7





#69

Atrazine

Concen: 41.115 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

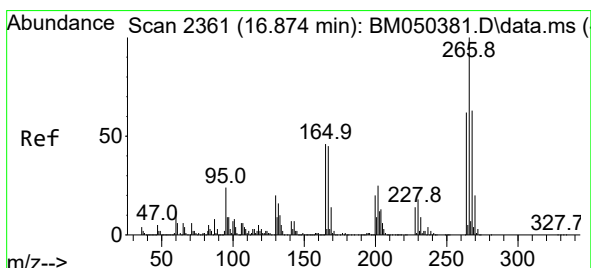
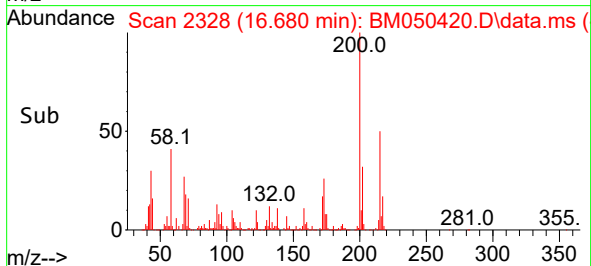
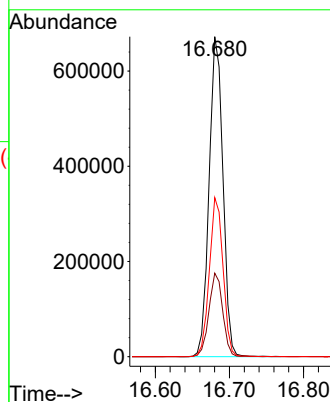
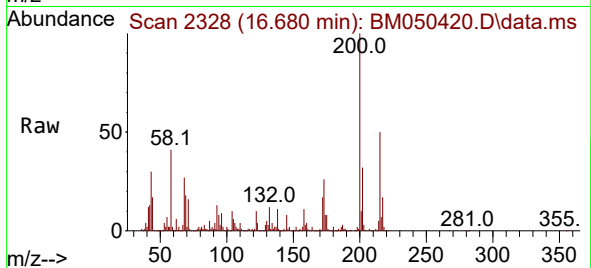
Tgt Ion:200 Resp: 871752

Ion Ratio Lower Upper

200 100

173 26.1 5.6 45.6

215 49.7 29.6 69.6



#70

Pentachlorophenol

Concen: 41.046 ng

RT: 16.868 min Scan# 2360

Delta R.T. -0.006 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

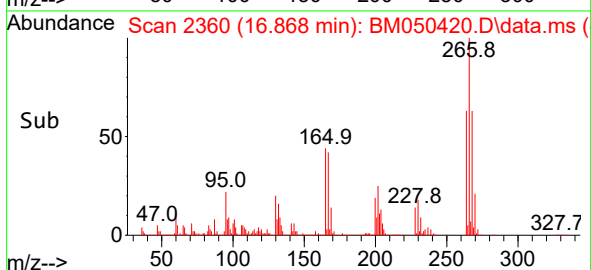
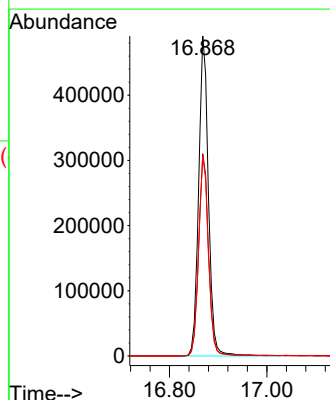
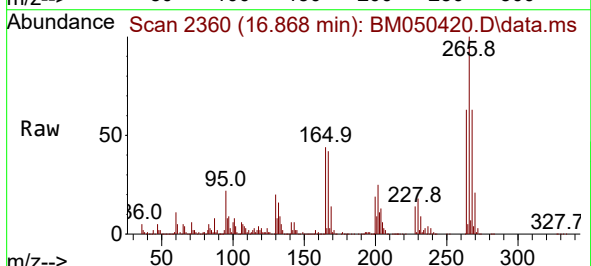
Tgt Ion:266 Resp: 686109

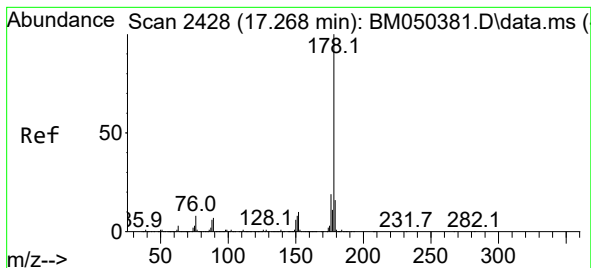
Ion Ratio Lower Upper

266 100

268 63.2 50.5 75.7

264 62.6 49.9 74.9





#71

Phenanthrene

Concen: 38.667 ng

RT: 17.262 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

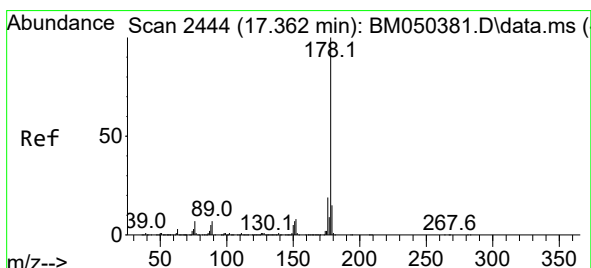
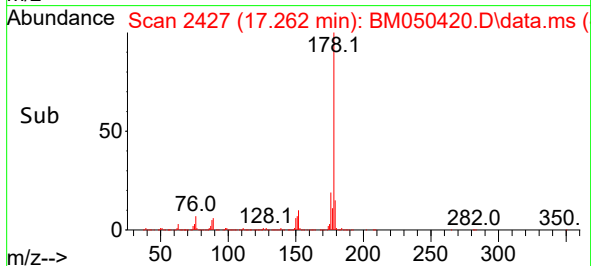
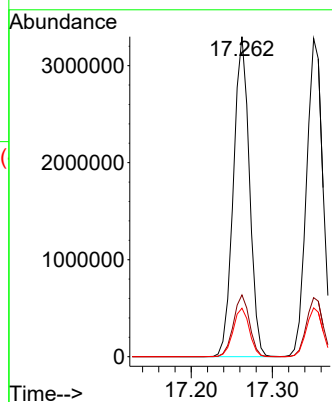
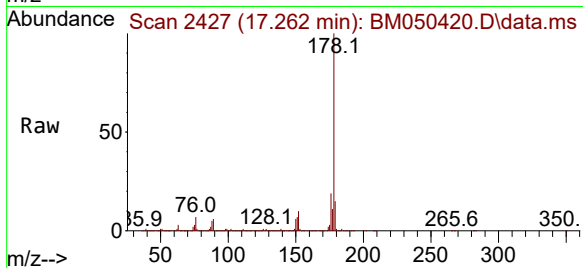
Tgt Ion:178 Resp: 4514858

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.1 12.5 18.7



#72

Anthracene

Concen: 39.639 ng

RT: 17.351 min Scan# 2442

Delta R.T. -0.012 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

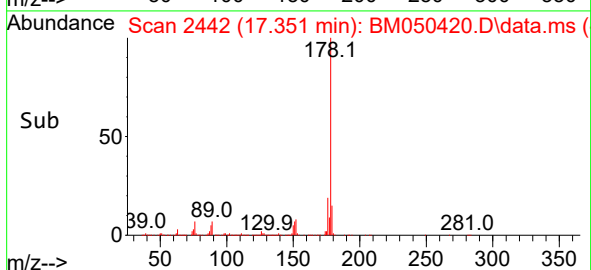
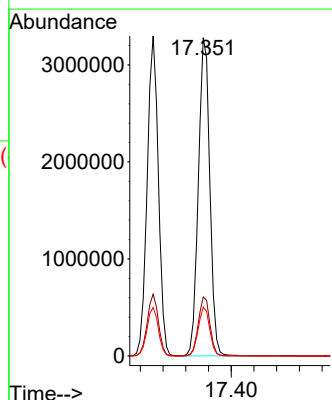
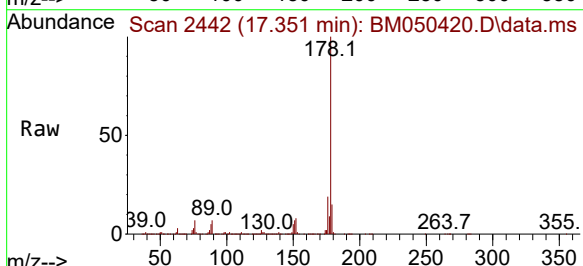
Tgt Ion:178 Resp: 4607118

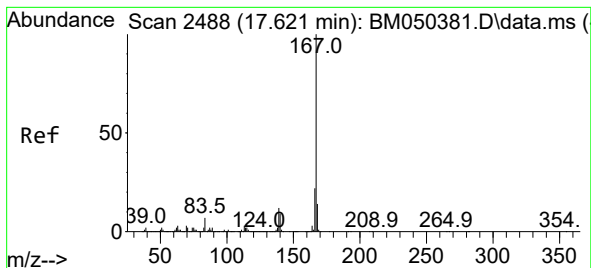
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.3 12.2 18.4





#73

Carbazole

Concen: 40.022 ng

RT: 17.615 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

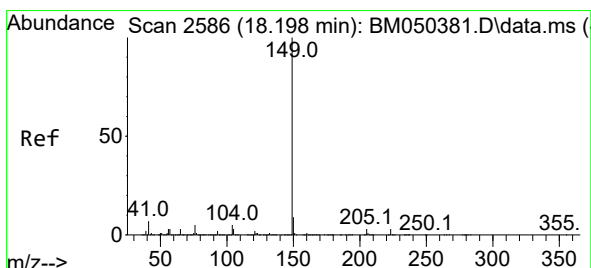
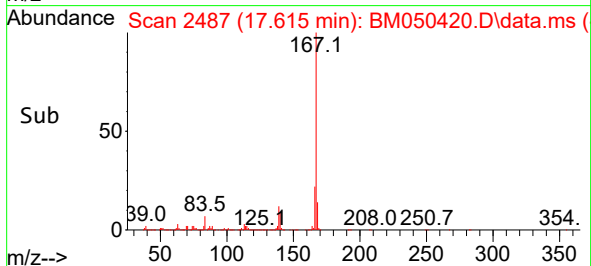
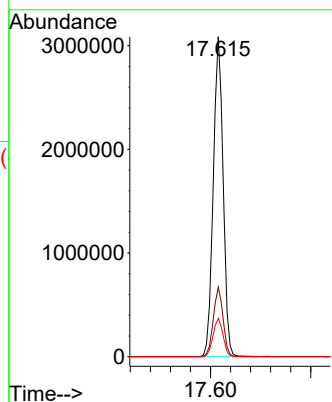
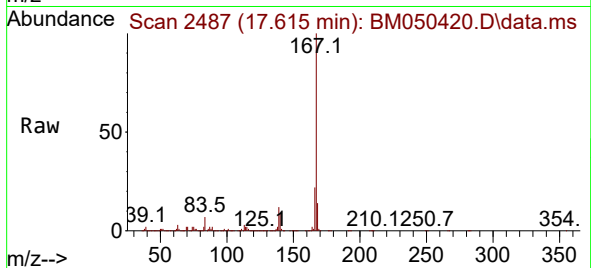
Tgt Ion:167 Resp: 4208901

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.0 9.9 14.9



#74

Di-n-butylphthalate

Concen: 40.722 ng

RT: 18.186 min Scan# 2584

Delta R.T. -0.012 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

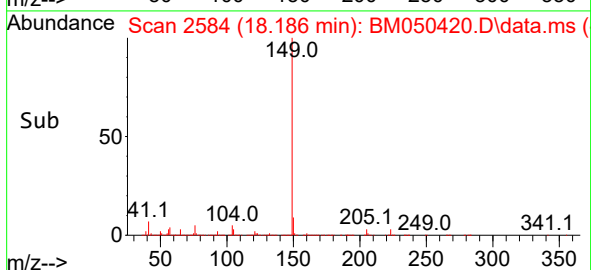
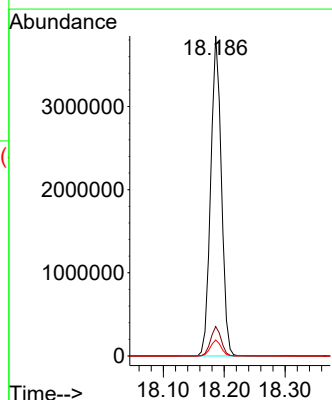
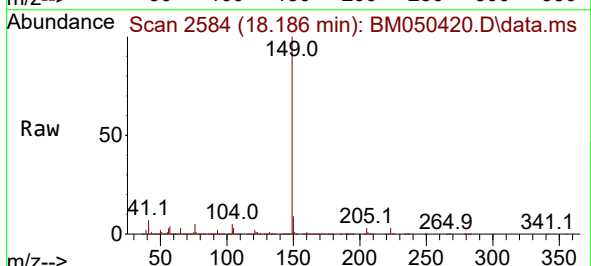
Tgt Ion:149 Resp: 4687453

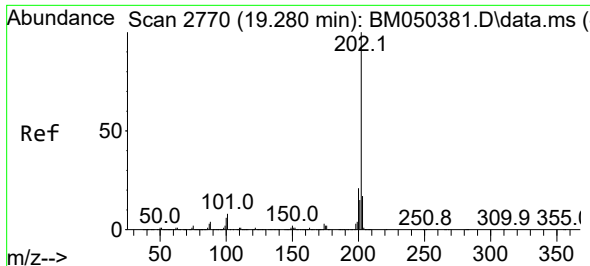
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.0 3.9 5.9

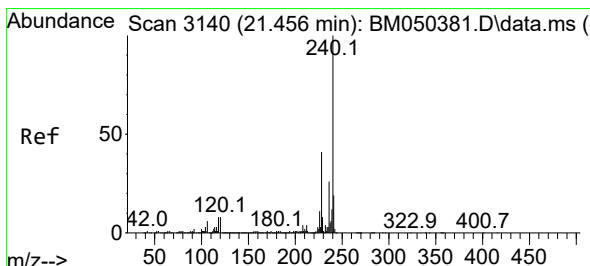
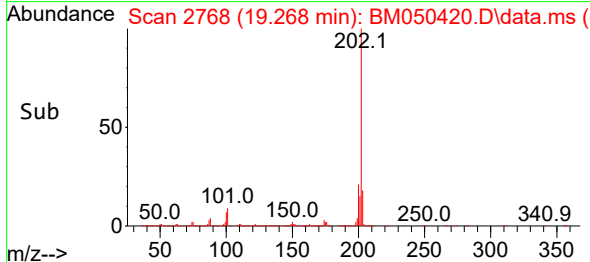
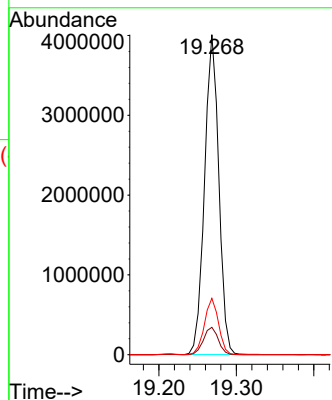
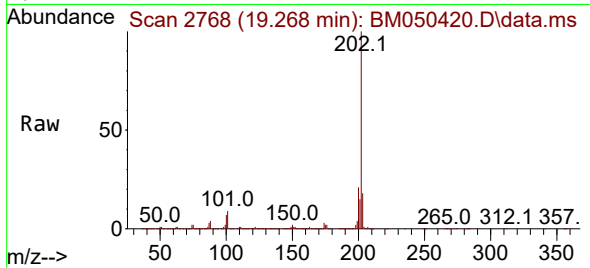




#75  
Fluoranthene  
Concen: 40.246 ng  
RT: 19.268 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

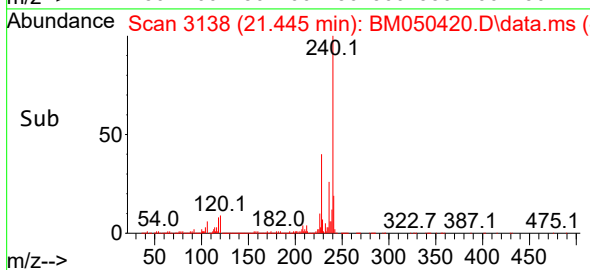
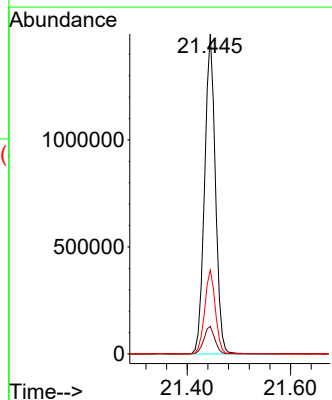
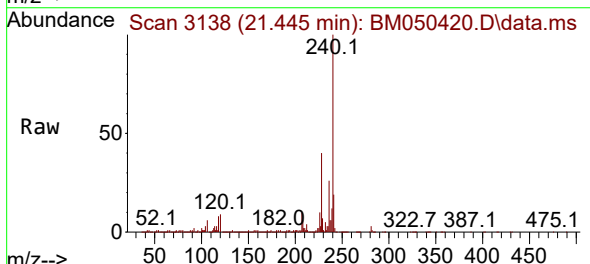
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

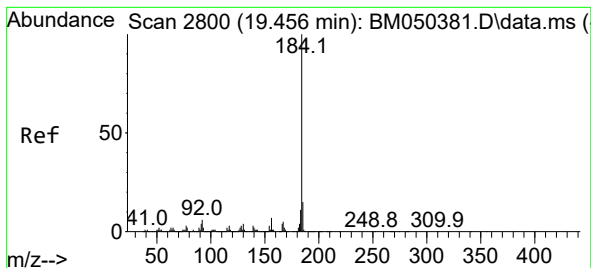
Tgt Ion:202 Resp: 5108597  
Ion Ratio Lower Upper  
202 100  
101 8.6 0.0 28.3  
203 17.6 0.0 37.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.445 min Scan# 3138  
Delta R.T. -0.012 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:240 Resp: 2163428  
Ion Ratio Lower Upper  
240 100  
120 8.6 6.7 10.1  
236 26.2 20.7 31.1





#77

Benzidine

Concen: 33.968 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

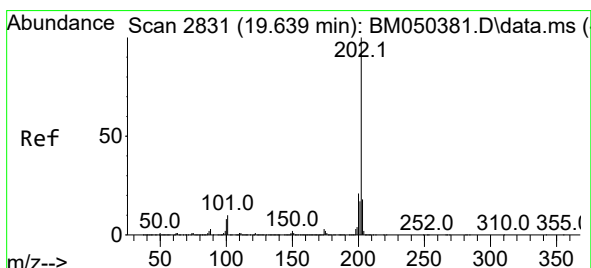
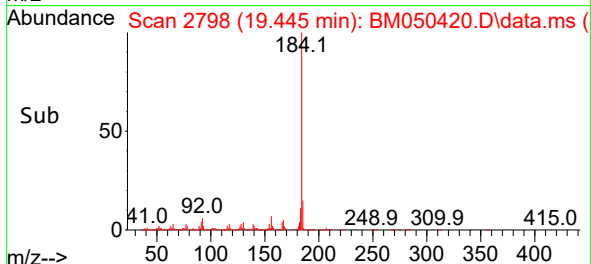
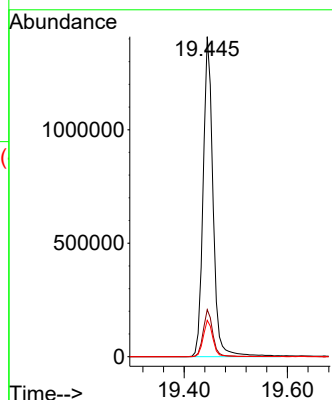
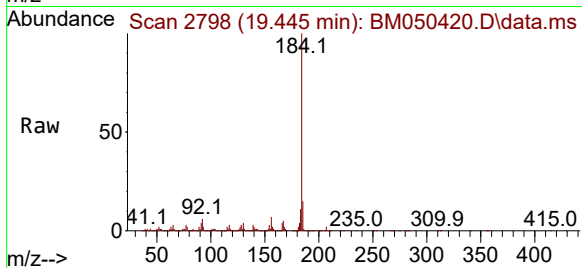
Tgt Ion:184 Resp: 1874376

Ion Ratio Lower Upper

184 100

185 14.7 11.7 17.5

183 11.4 9.0 13.6



#78

Pyrene

Concen: 39.174 ng

RT: 19.627 min Scan# 2829

Delta R.T. -0.012 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

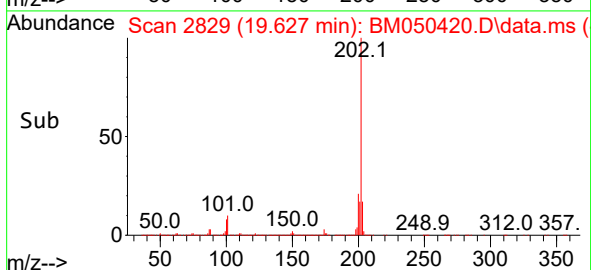
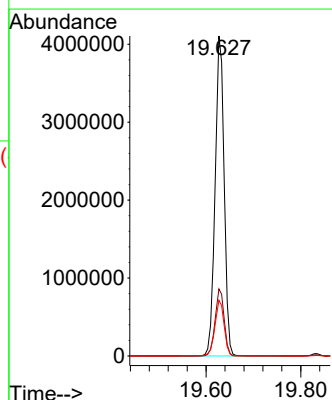
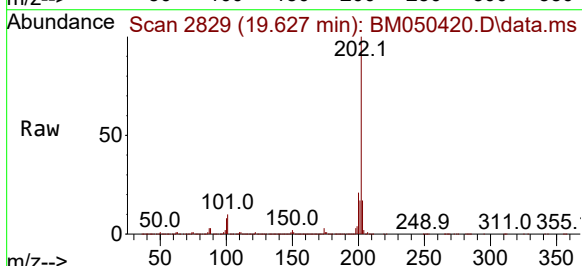
Tgt Ion:202 Resp: 5427881

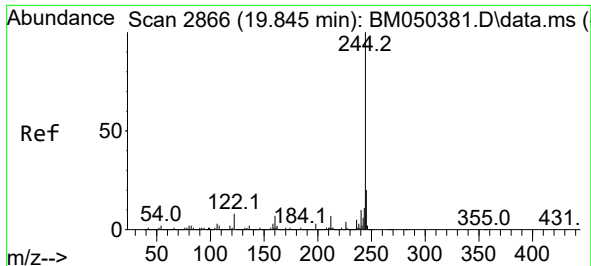
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.4 14.1 21.1

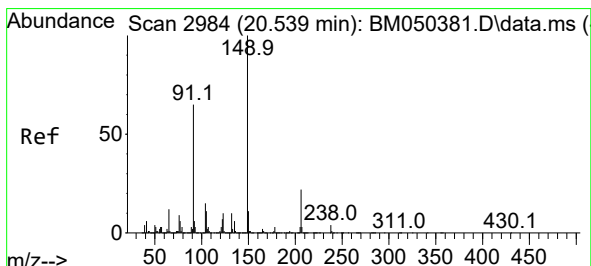
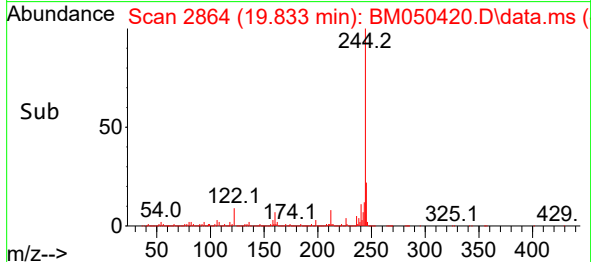
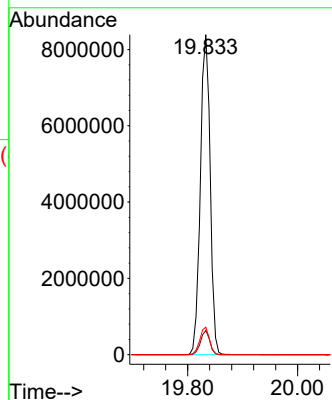
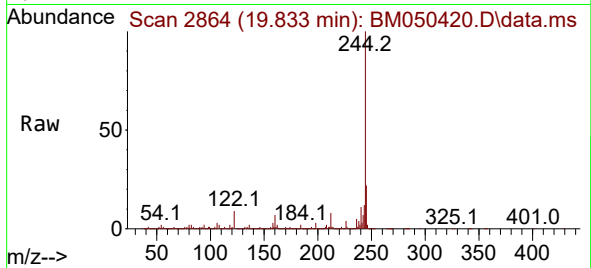




#79  
 Terphenyl-d14  
 Concen: 84.591 ng  
 RT: 19.833 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM050420.D  
 Acq: 14 Jul 2025 10:50

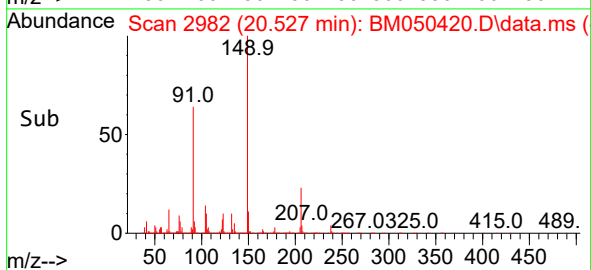
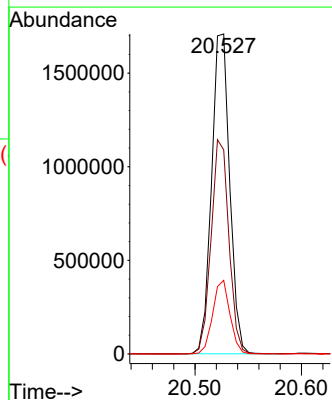
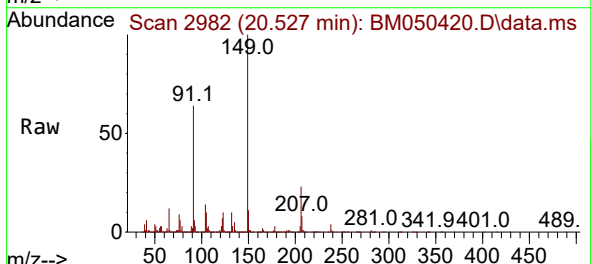
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

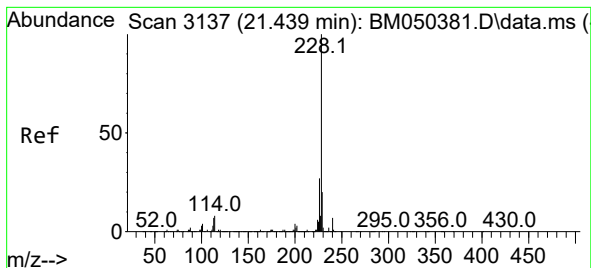
Tgt Ion:244 Resp:10401334  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.7 8.5  
 122 8.6 6.2 9.2



#80  
 Butylbenzylphthalate  
 Concen: 44.203 ng  
 RT: 20.527 min Scan# 2982  
 Delta R.T. -0.012 min  
 Lab File: BM050420.D  
 Acq: 14 Jul 2025 10:50

Tgt Ion:149 Resp: 2019468  
 Ion Ratio Lower Upper  
 149 100  
 91 63.8 51.6 77.4  
 206 23.0 17.8 26.8





#81

Benzo(a)anthracene

Concen: 39.515 ng

RT: 21.427 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

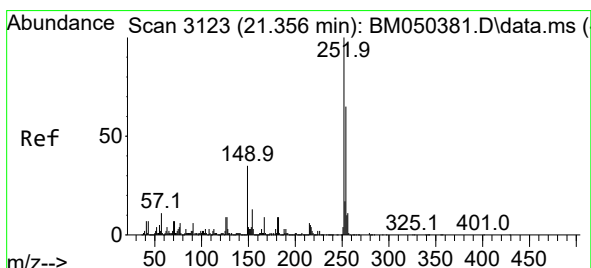
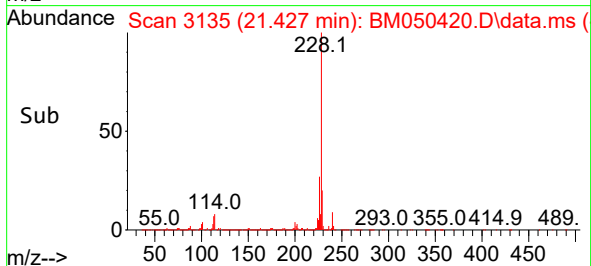
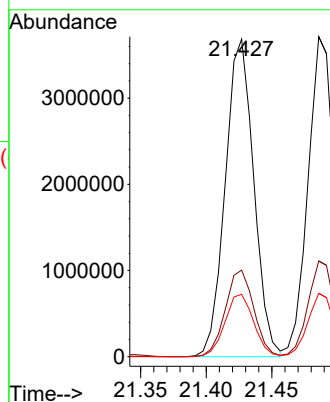
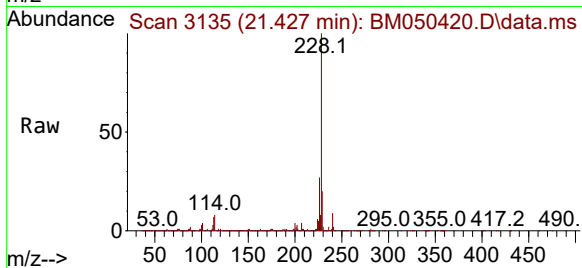
Tgt Ion:228 Resp: 5570170

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 40.676 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

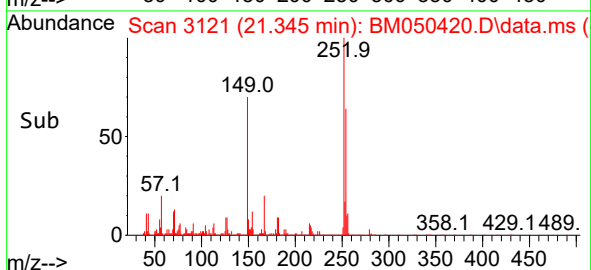
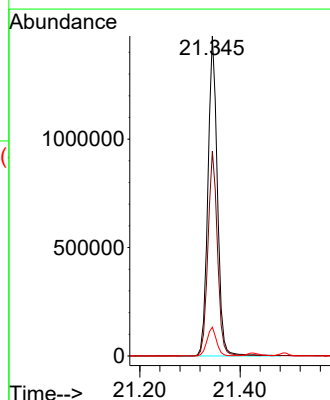
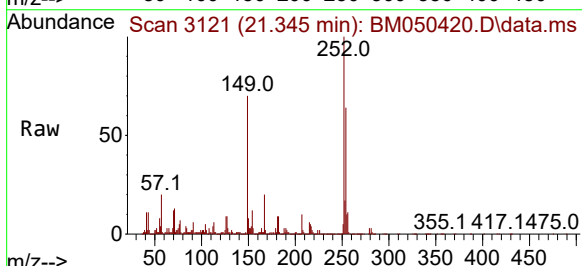
Tgt Ion:252 Resp: 1933638

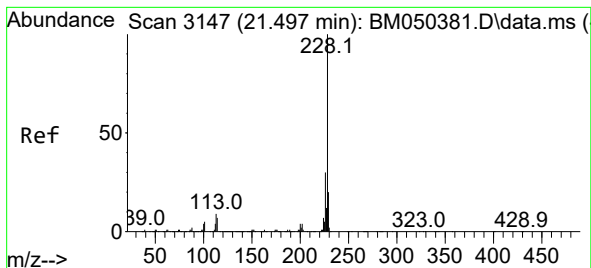
Ion Ratio Lower Upper

252 100

254 64.0 51.7 77.5

126 9.0 7.3 10.9





#83

Chrysene

Concen: 39.291 ng

RT: 21.486 min Scan# 3145

Delta R.T. -0.012 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

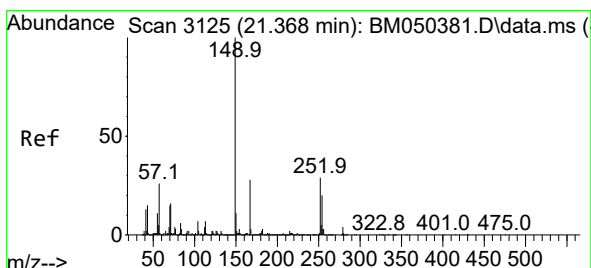
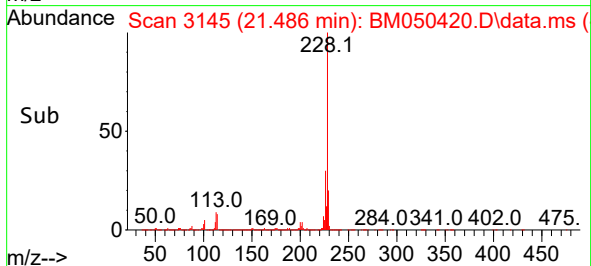
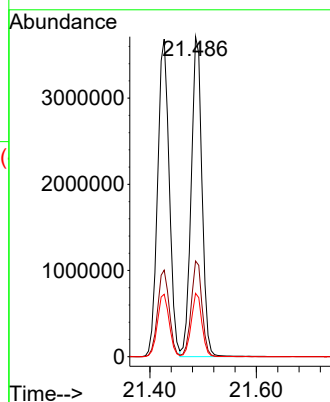
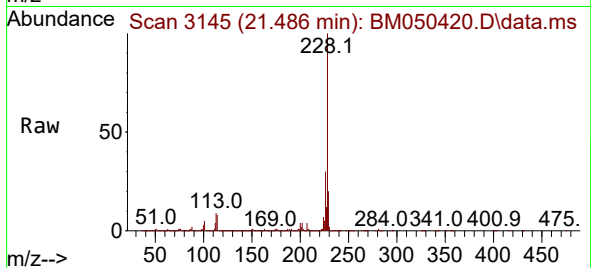
Tgt Ion:228 Resp: 5224115

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.318 ng

RT: 21.356 min Scan# 3123

Delta R.T. -0.012 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

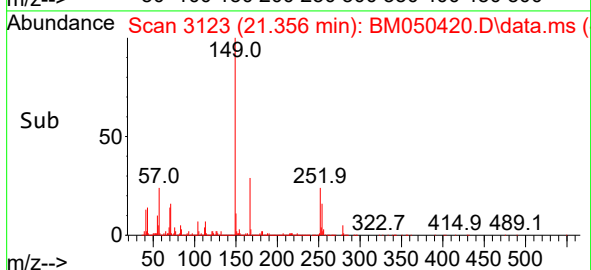
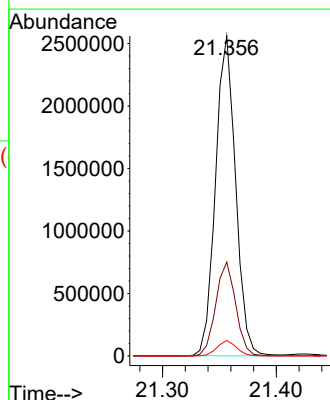
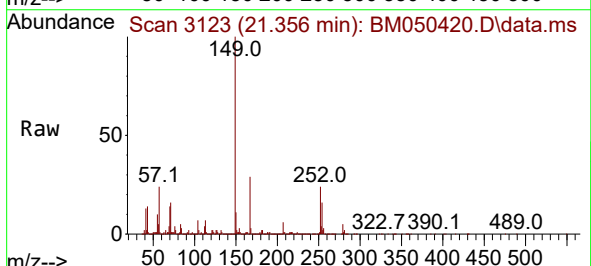
Tgt Ion:149 Resp: 3141688

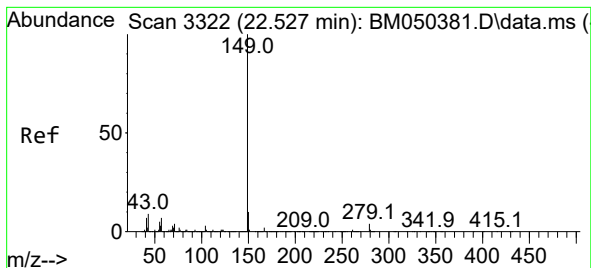
Ion Ratio Lower Upper

149 100

167 29.4 22.7 34.1

279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 44.044 ng

RT: 22.503 min Scan# 31

Delta R.T. -0.023 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

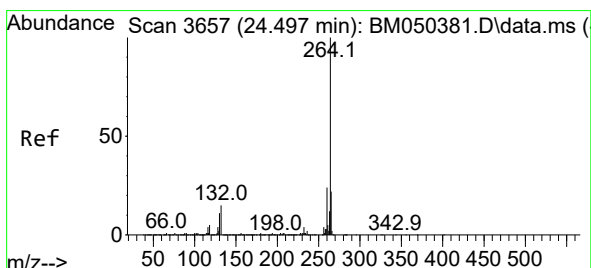
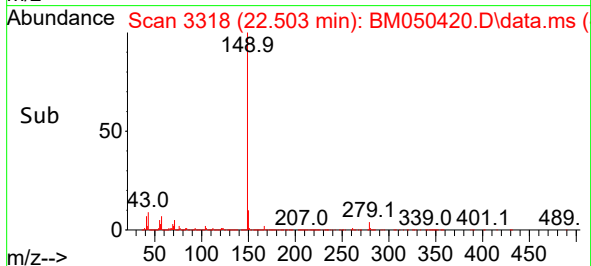
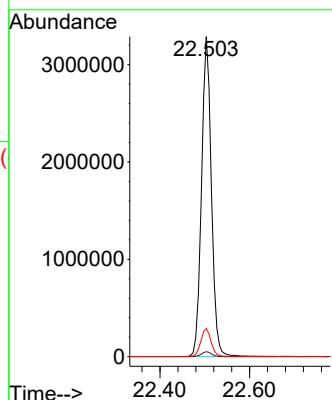
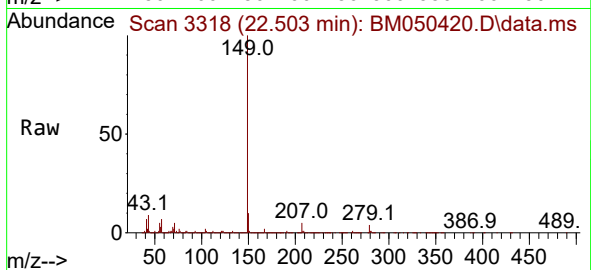
Tgt Ion:149 Resp: 5003034

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.474 min Scan# 3653

Delta R.T. -0.023 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

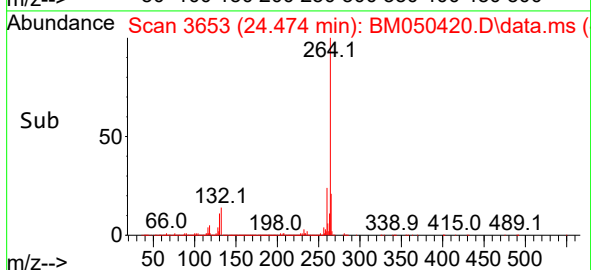
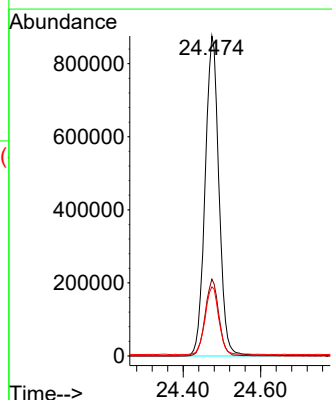
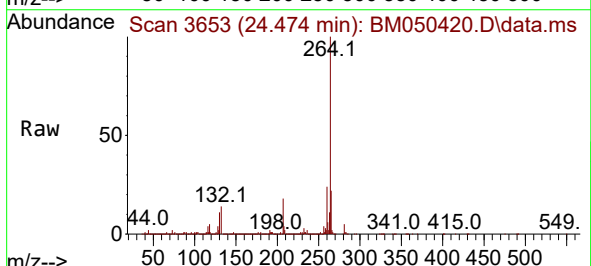
Tgt Ion:264 Resp: 2167995

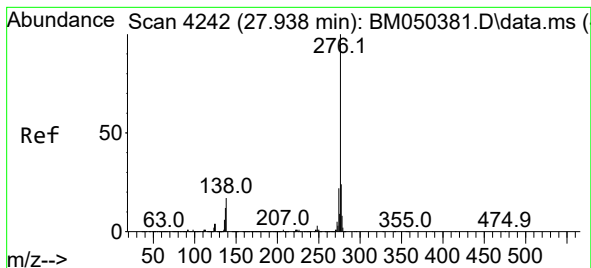
Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.364 ng

RT: 27.909 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

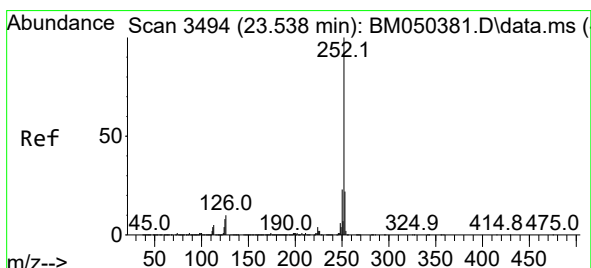
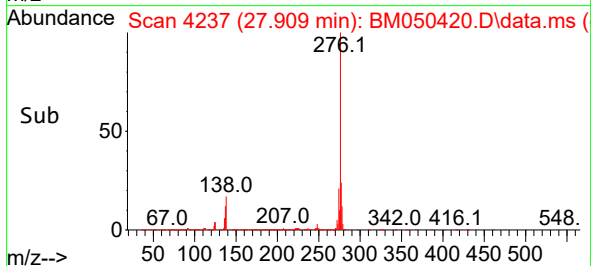
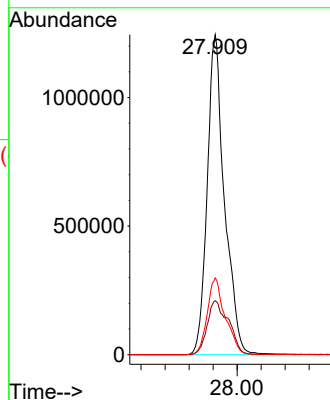
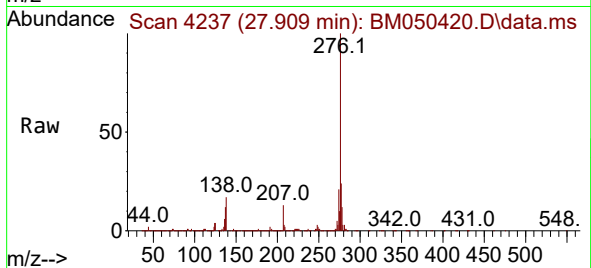
Tgt Ion:276 Resp: 6221760

Ion Ratio Lower Upper

276 100

138 20.9 17.0 25.6

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 39.753 ng

RT: 23.521 min Scan# 3491

Delta R.T. -0.017 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

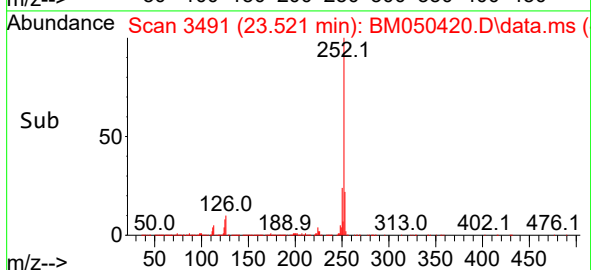
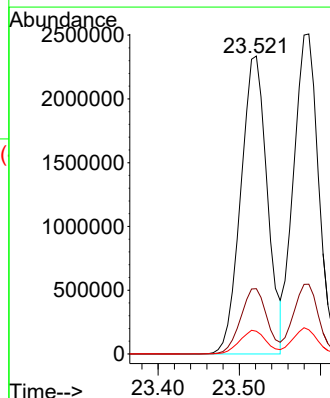
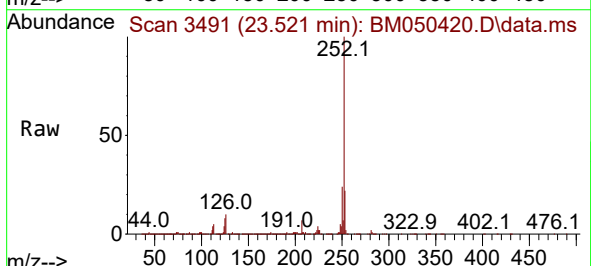
Tgt Ion:252 Resp: 5301218

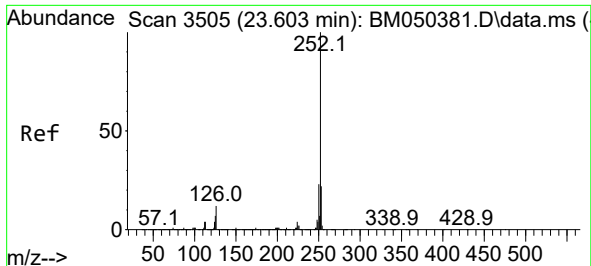
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 7.6 6.3 9.5

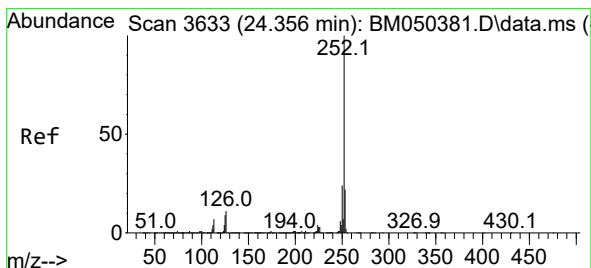
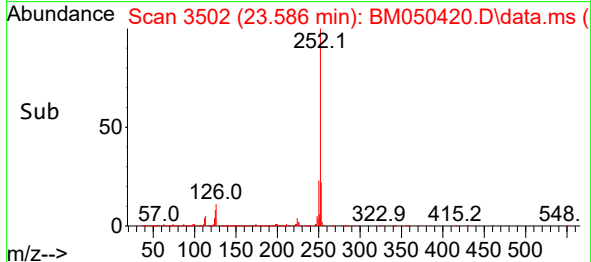
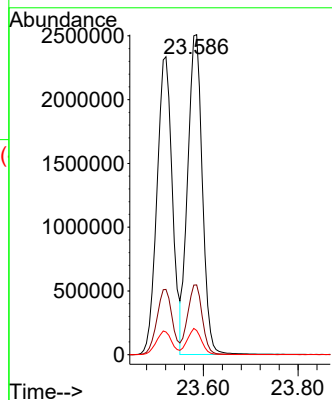
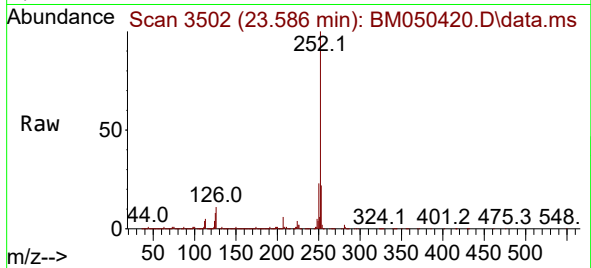




#89  
Benzo(k)fluoranthene  
Concen: 38.867 ng  
RT: 23.586 min Scan# 31  
Delta R.T. -0.017 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

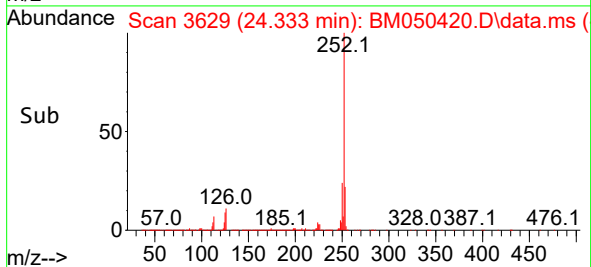
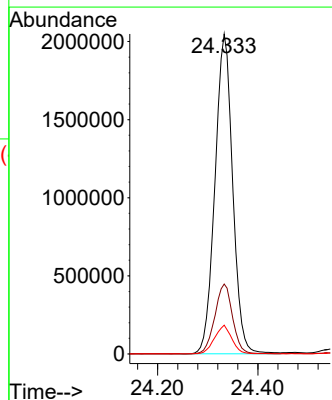
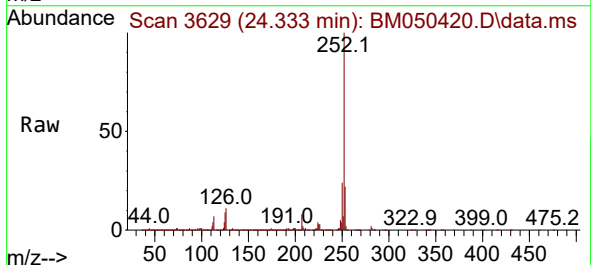
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

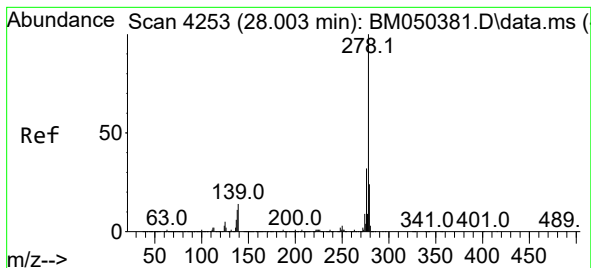
Tgt Ion:252 Resp: 5378004  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 7.6 6.2 9.2



#90  
Benzo(a)pyrene  
Concen: 40.161 ng  
RT: 24.333 min Scan# 3629  
Delta R.T. -0.023 min  
Lab File: BM050420.D  
Acq: 14 Jul 2025 10:50

Tgt Ion:252 Resp: 5013387  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.6  
125 9.0 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 40.085 ng

RT: 27.968 min Scan# 41

Delta R.T. -0.035 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

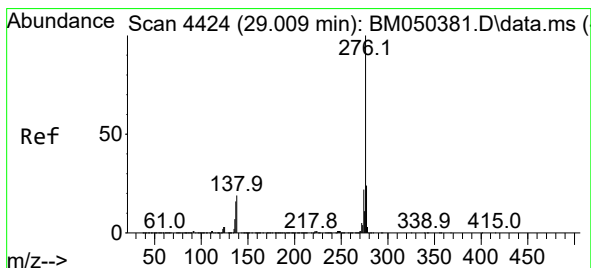
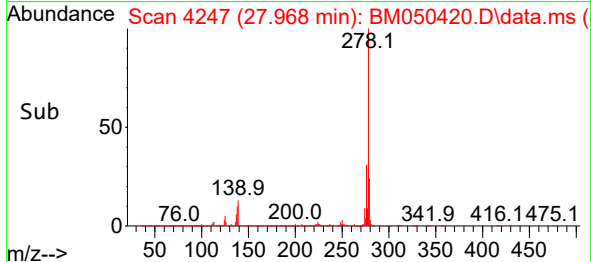
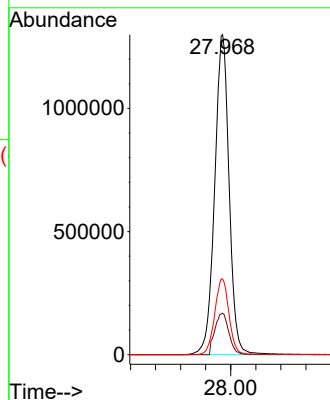
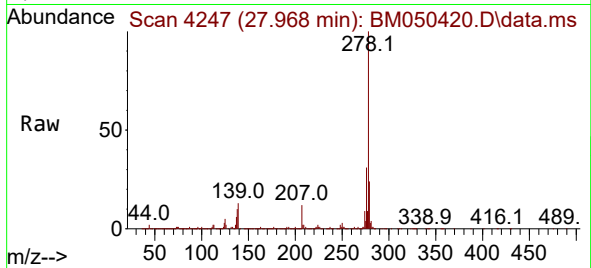
Tgt Ion:278 Resp: 5203687

Ion Ratio Lower Upper

278 100

139 13.0 10.8 16.2

279 23.7 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 39.995 ng

RT: 28.974 min Scan# 4418

Delta R.T. -0.035 min

Lab File: BM050420.D

Acq: 14 Jul 2025 10:50

Tgt Ion:276 Resp: 4906949

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 17.7 14.9 22.3

