

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042925\  
 Data File : BM050040.D  
 Acq On : 29 Apr 2025 12:58  
 Operator : RC/JU  
 Sample : PB167729BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB167729BS

Quant Time: Apr 29 13:33:48 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 28 18:09:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.763  | 152  | 269893   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.557 | 136  | 961152   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.410 | 164  | 608153   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.156 | 188  | 1141685  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.397 | 240  | 1074284  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.397 | 264  | 1054033  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.357  | 112  | 2054378  | 133.289 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.951  | 99   | 2536788  | 130.950 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.928  | 82   | 1466426  | 75.181  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.904 | 330  | 1195862  | 132.987 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.027 | 172  | 3957723  | 76.986  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.780 | 244  | 6028843  | 83.043  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.251  | 88   | 222621   | 33.686  | ng    | 99       |
| 3) Pyridine                   | 3.651  | 79   | 622472   | 36.660  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.563  | 42   | 268473   | 40.314  | ng    | 99       |
| 6) Aniline                    | 7.098  | 93   | 587160   | 24.003  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.339  | 128  | 712440   | 42.751  | ng    | 99       |
| 9) Benzaldehyde               | 6.910  | 77   | 325538   | 25.111  | ng    | 100      |
| 10) Phenol                    | 6.975  | 94   | 873613   | 44.547  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.192  | 93   | 664141   | 40.556  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.657  | 146  | 799721   | 39.727  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.798  | 146  | 809360   | 40.021  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.116  | 146  | 781982   | 40.029  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.010  | 79   | 568432   | 42.311  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.286  | 45   | 805029   | 40.442  | ng    | 99       |
| 17) 2-Methylphenol            | 8.222  | 107  | 557394   | 43.144  | ng    | 99       |
| 18) Hexachloroethane          | 8.839  | 117  | 286959   | 39.916  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.575  | 70   | 498325   | 40.108  | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.551  | 107  | 746935   | 42.812  | ng    | 96       |
| 22) Acetophenone              | 8.586  | 105  | 980431   | 41.029  | ng    | # 98     |
| 24) Nitrobenzene              | 8.969  | 77   | 707532   | 41.951  | ng    | 98       |
| 25) Isophorone                | 9.492  | 82   | 1319623  | 39.689  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.680  | 139  | 367607   | 42.665  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.745  | 122  | 621972   | 43.529  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.969  | 93   | 846555   | 41.194  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.227 | 162  | 709498   | 44.323  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.422 | 180  | 792629   | 40.642  | ng    | 100      |
| 31) Naphthalene               | 10.610 | 128  | 1999582  | 41.080  | ng    | 99       |
| 32) Benzoic acid              | 9.916  | 122  | 386427   | 42.285  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.733 | 127  | 268271   | 13.446  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.892 | 225  | 502242   | 40.569  | ng    | 100      |
| 35) Caprolactam               | 11.521 | 113  | 182413   | 39.083  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 11.869 | 107  | 624003   | 42.193  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.221 | 142  | 1320802  | 40.473  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.445 | 142  | 1387555  | 40.177  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.598 | 216  | 916829   | 43.549  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.574 | 237  | 1281695  | 99.621  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.845 | 196  | 598998   | 44.859  | ng    | 97       |

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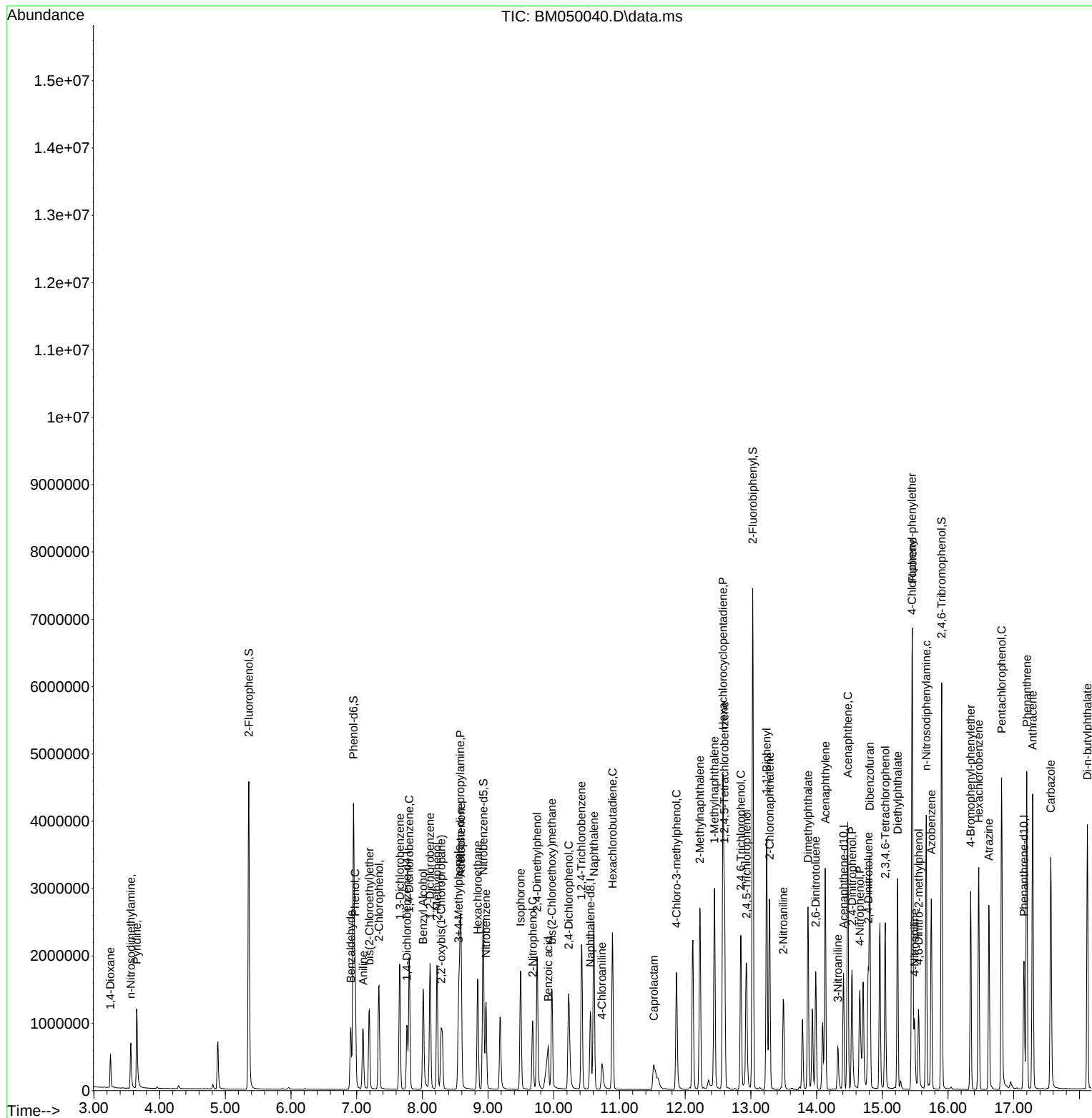
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.933 | 196  | 639370   | 44.403  | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.239 | 154  | 1938887  | 42.889  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.286 | 162  | 1526561  | 42.637  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.492 | 65   | 365838   | 43.535  | ng    | 96       |
| 49) Acenaphthylene            | 14.133 | 152  | 2392982  | 42.390  | ng    | 100      |
| 50) Dimethylphthalate         | 13.868 | 163  | 1850111  | 41.627  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.986 | 165  | 395898   | 43.023  | ng    | 96       |
| 52) Acenaphthene              | 14.474 | 154  | 1386169  | 42.421  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.321 | 138  | 188101   | 21.411  | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.539 | 184  | 500295   | 84.598  | ng    | 98       |
| 55) Dibenzofuran              | 14.810 | 168  | 2269999  | 41.754  | ng    | 100      |
| 56) 4-Nitrophenol             | 14.657 | 139  | 606531   | 84.586  | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.786 | 165  | 548846   | 43.164  | ng    | 98       |
| 58) Fluorene                  | 15.457 | 166  | 1912078  | 42.968  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.045 | 232  | 536088   | 43.011  | ng    | 99       |
| 60) Diethylphthalate          | 15.233 | 149  | 1717203  | 41.004  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.451 | 204  | 1058040  | 43.287  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.492 | 138  | 346266   | 40.852  | ng    | 100      |
| 63) Azobenzene                | 15.745 | 77   | 1488108  | 42.399  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 198  | 319286   | 44.677  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.668 | 169  | 1567999  | 44.726  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.345 | 248  | 604278   | 43.769  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.468 | 284  | 697068   | 43.801  | ng    | 97       |
| 69) Atrazine                  | 16.621 | 200  | 544460   | 43.054  | ng    | 99       |
| 70) Pentachlorophenol         | 16.815 | 266  | 902632   | 100.762 | ng    | 98       |
| 71) Phenanthrene              | 17.198 | 178  | 2807497  | 43.600  | ng    | 99       |
| 72) Anthracene                | 17.286 | 178  | 2880577  | 44.205  | ng    | 99       |
| 73) Carbazole                 | 17.562 | 167  | 2435722  | 43.075  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.121 | 149  | 2832214  | 42.058  | ng    | 100      |
| 75) Fluoranthene              | 19.215 | 202  | 3226174  | 42.674  | ng    | 100      |
| 77) Benzidine                 | 19.409 | 184  | 1094565  | 28.684  | ng    | 100      |
| 78) Pyrene                    | 19.580 | 202  | 3318333  | 43.987  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.474 | 149  | 1200717  | 42.496  | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.380 | 228  | 3270859  | 44.214  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.303 | 252  | 582534   | 20.570  | ng    | 99       |
| 83) Chrysene                  | 21.444 | 228  | 2987144  | 43.628  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.297 | 149  | 1812796  | 42.954  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.427 | 149  | 2993996  | 43.017  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.791 | 276  | 3671724  | 46.751  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.450 | 252  | 3051800  | 44.521  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.515 | 252  | 3072007  | 44.305  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.256 | 252  | 2860922  | 44.562  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.832 | 278  | 3013923  | 47.076  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.844 | 276  | 2852758  | 46.543  | ng    | 99       |

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

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ALS Vial : 7 Sample Multiplier: 1

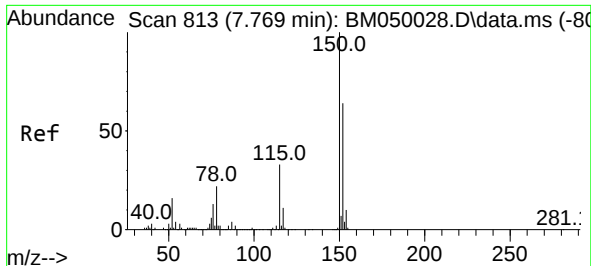
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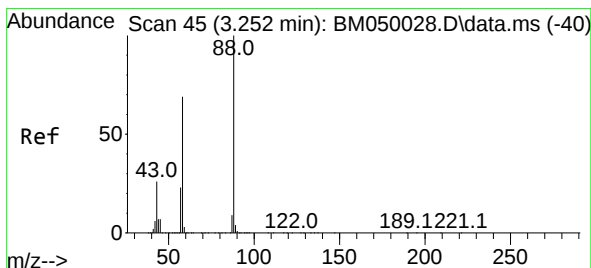
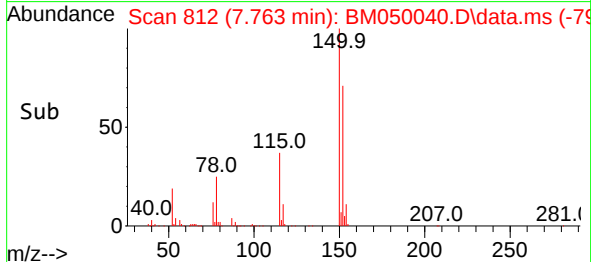
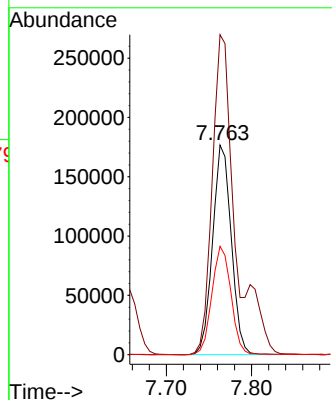
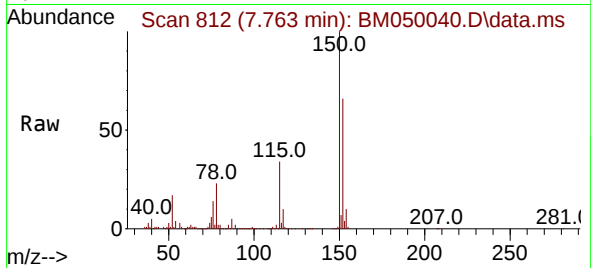




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.763 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

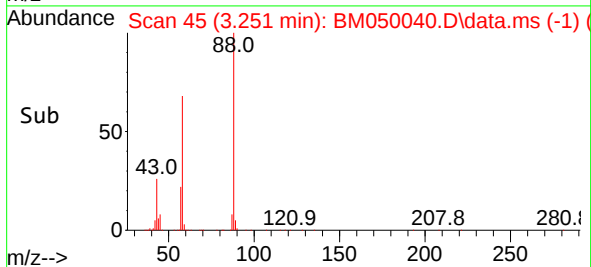
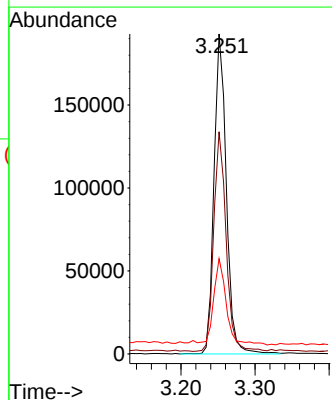
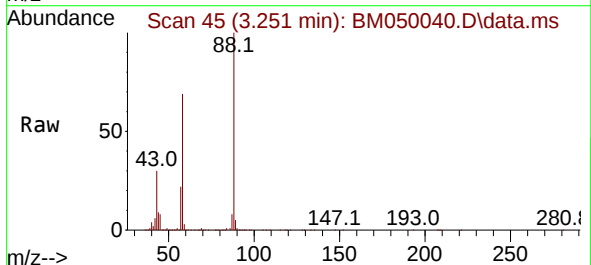
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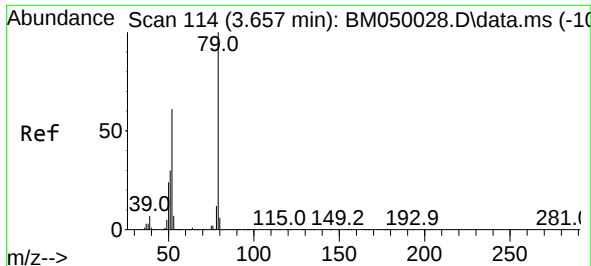
Tgt Ion:152 Resp: 269893  
Ion Ratio Lower Upper  
152 100  
150 152.6 124.1 186.1  
115 51.7 41.2 61.8



#2  
1,4-Dioxane  
Concen: 33.686 ng  
RT: 3.251 min Scan# 45  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion: 88 Resp: 222621  
Ion Ratio Lower Upper  
88 100  
58 68.9 55.1 82.7  
43 27.6 20.9 31.3

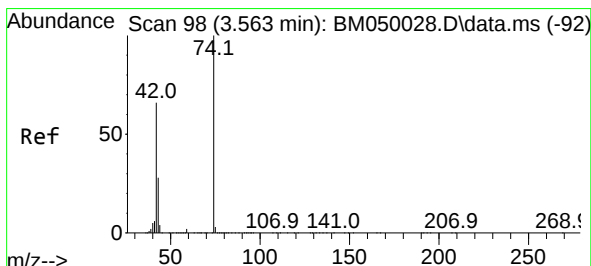
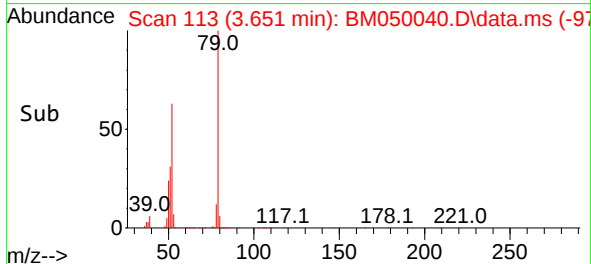
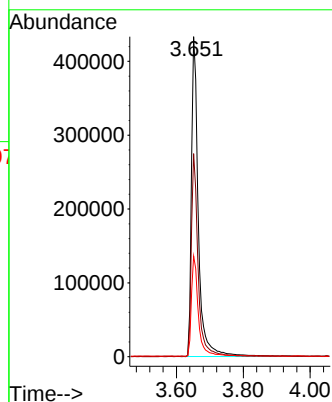
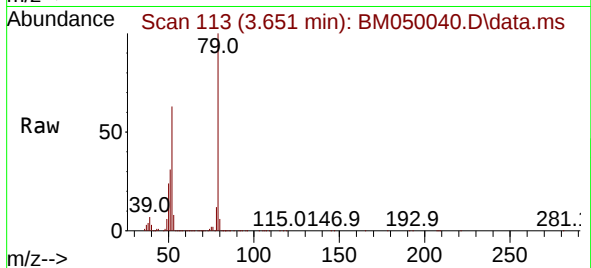




#3  
Pyridine  
Concen: 36.660 ng  
RT: 3.651 min Scan# 114  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

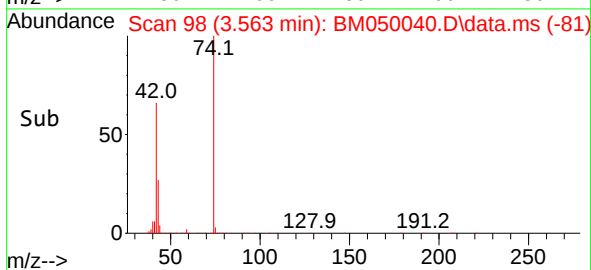
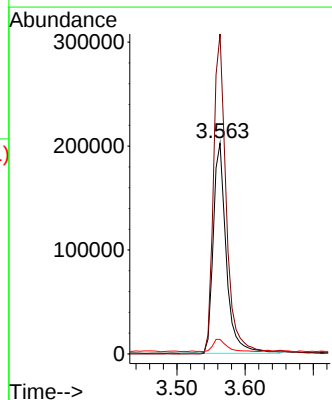
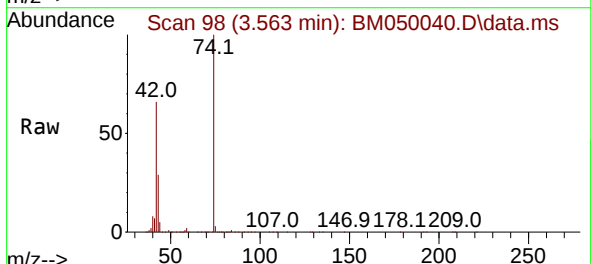
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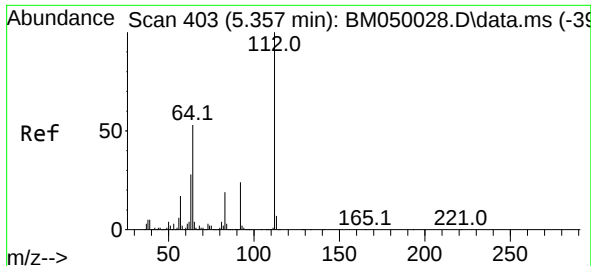
Tgt Ion: 79 Resp: 622472  
Ion Ratio Lower Upper  
79 100  
52 63.4 48.6 72.8  
51 31.5 24.6 37.0



#4  
n-Nitrosodimethylamine  
Concen: 40.314 ng  
RT: 3.563 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion: 42 Resp: 268473  
Ion Ratio Lower Upper  
42 100  
74 151.8 120.2 180.2  
44 6.9 6.2 9.2

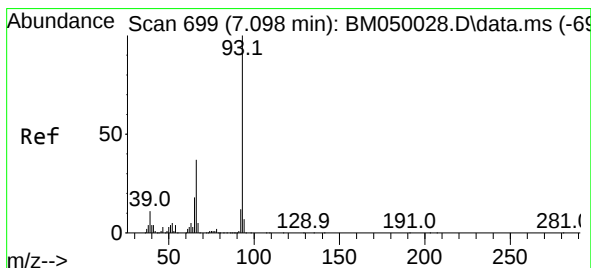
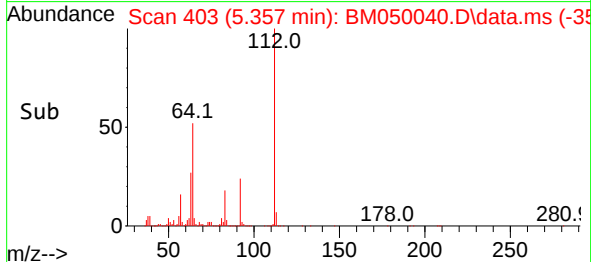
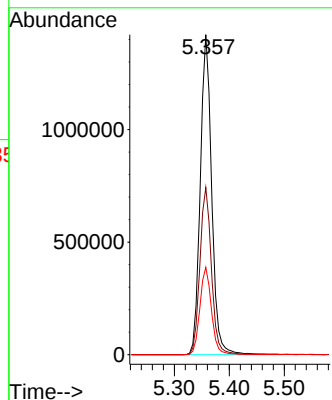
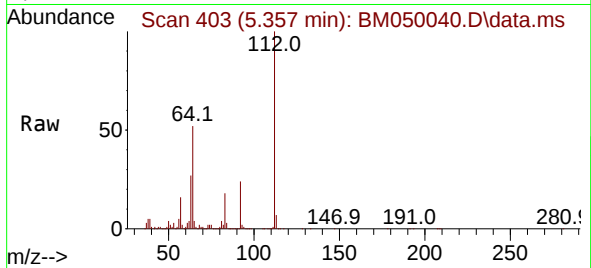




#5  
2-Fluorophenol  
Concen: 133.289 ng  
RT: 5.357 min Scan# 403  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
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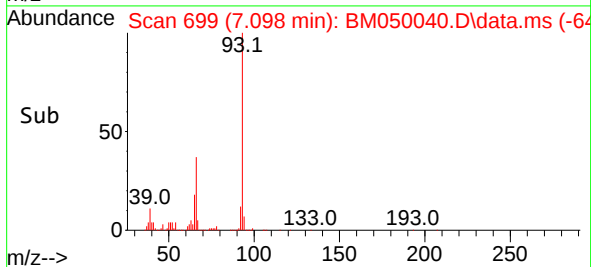
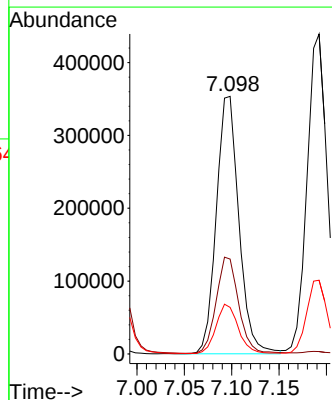
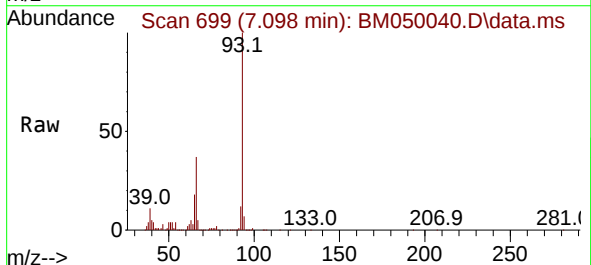
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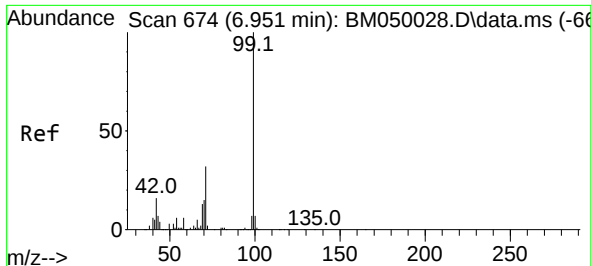
Tgt Ion:112 Resp: 2054378  
Ion Ratio Lower Upper  
112 100  
64 52.3 42.6 64.0  
63 27.3 22.2 33.4



#6  
Aniline  
Concen: 24.003 ng  
RT: 7.098 min Scan# 699  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
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Tgt Ion: 93 Resp: 587160  
Ion Ratio Lower Upper  
93 100  
66 36.8 29.9 44.9  
65 18.1 14.5 21.7



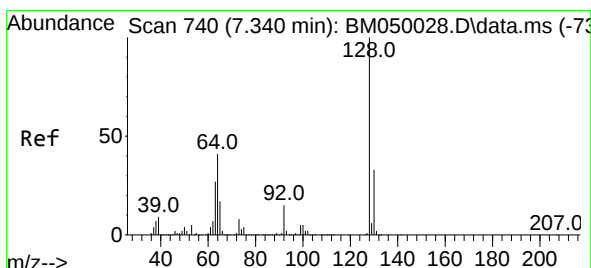
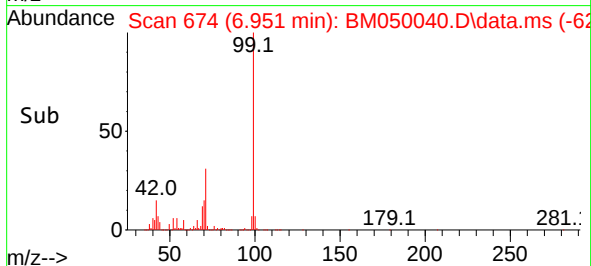
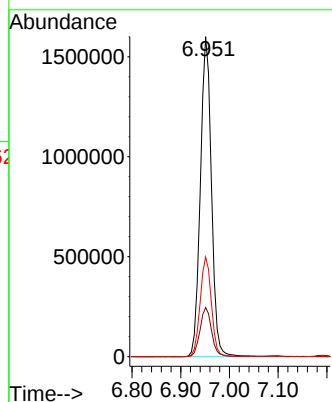
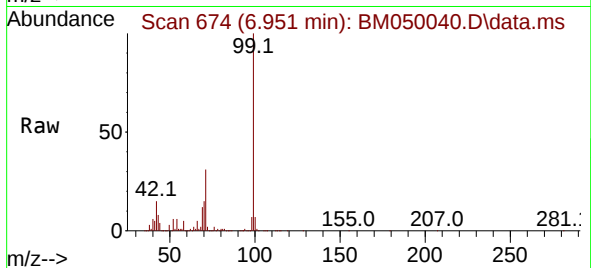


#7  
Phenol-d6  
Concen: 130.950 ng  
RT: 6.951 min Scan# 61  
Delta R.T. -0.000 min  
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Tgt Ion: 99 Resp: 2536788

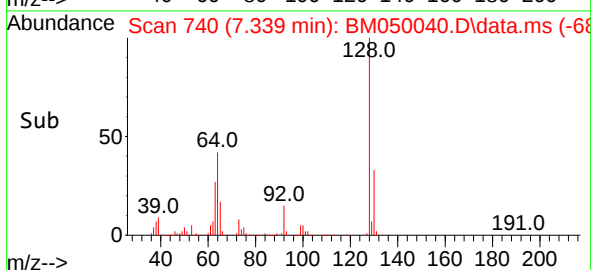
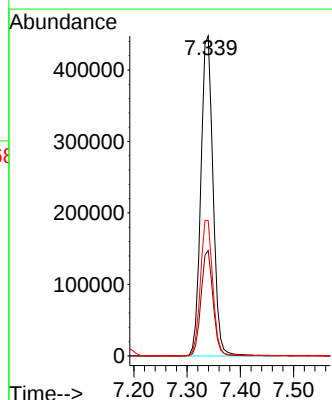
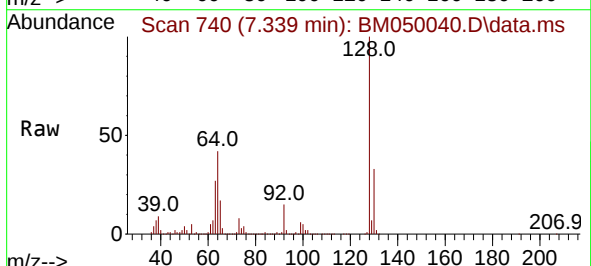
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.4  | 13.0  | 19.4  |
| 71  | 31.1  | 25.6  | 38.4  |

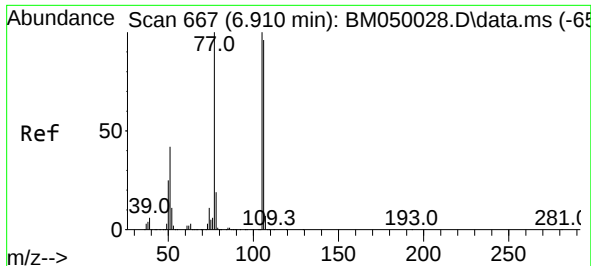


#8  
2-Chlorophenol  
Concen: 42.751 ng  
RT: 7.339 min Scan# 740  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion: 128 Resp: 712440

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.9  | 12.8  | 52.8  |
| 64  | 42.3  | 21.2  | 61.2  |

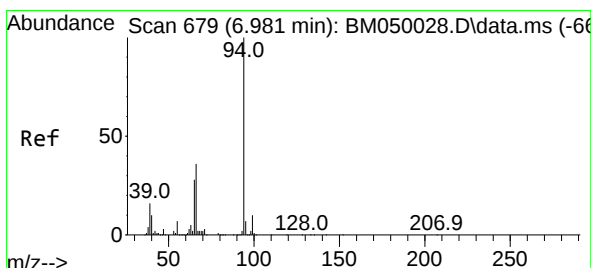
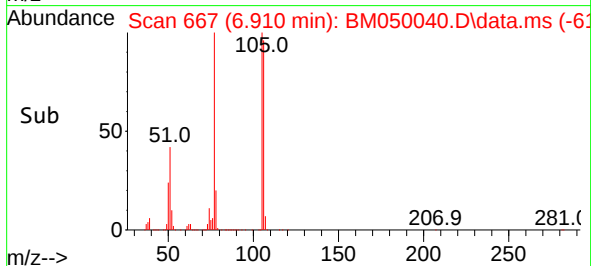
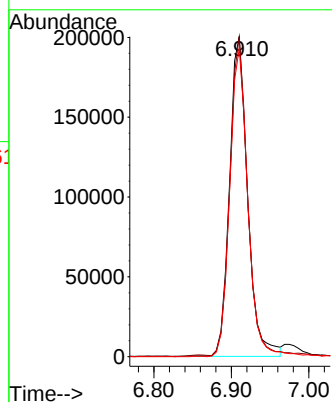
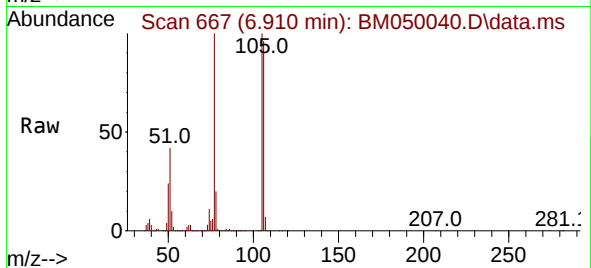




#9  
Benzaldehyde  
Concen: 25.111 ng  
RT: 6.910 min Scan# 667  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

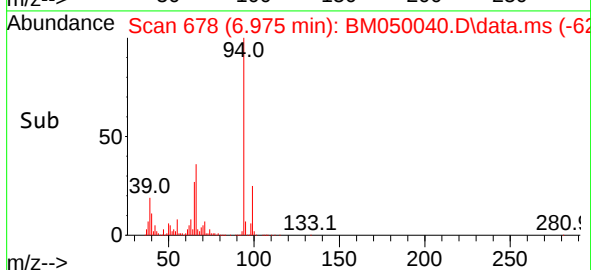
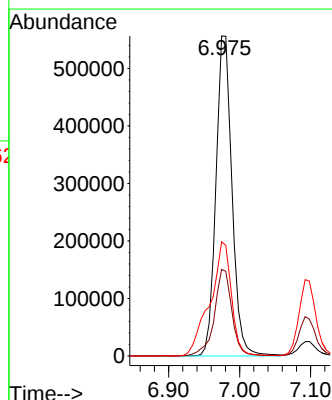
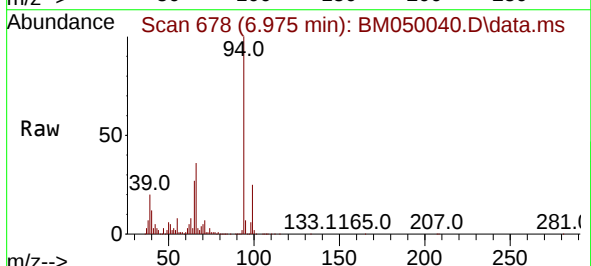
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

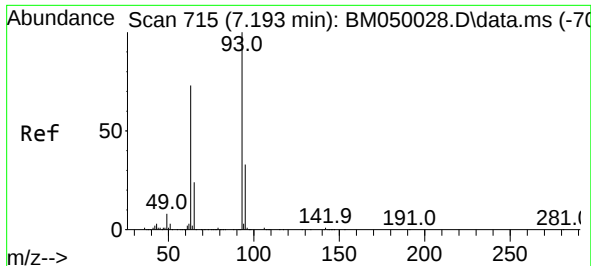
Tgt Ion: 77 Resp: 325538  
Ion Ratio Lower Upper  
77 100  
105 100.0 80.5 120.5  
106 96.3 76.1 116.1



#10  
Phenol  
Concen: 44.547 ng  
RT: 6.975 min Scan# 678  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion: 94 Resp: 873613  
Ion Ratio Lower Upper  
94 100  
65 27.0 7.6 47.6  
66 35.7 15.8 55.8

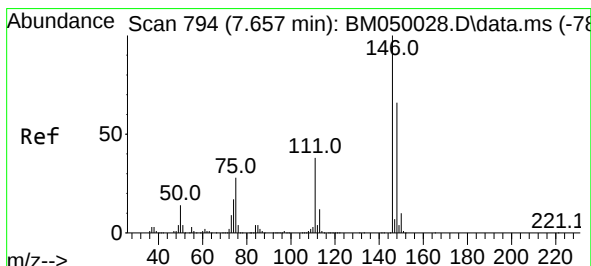
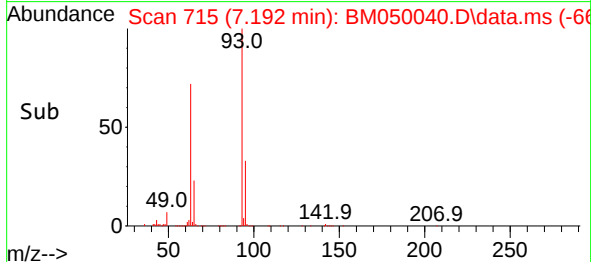
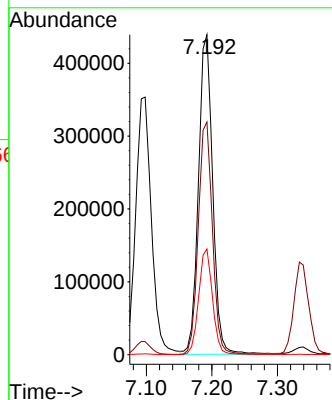
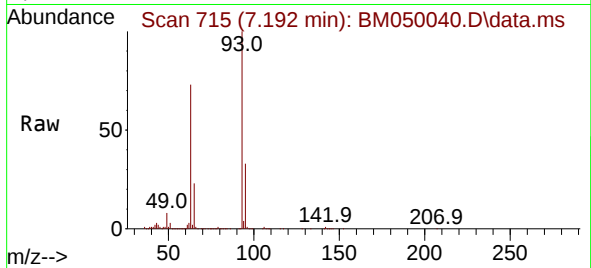




#11  
bis(2-Chloroethyl)ether  
Concen: 40.556 ng  
RT: 7.192 min Scan# 715  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

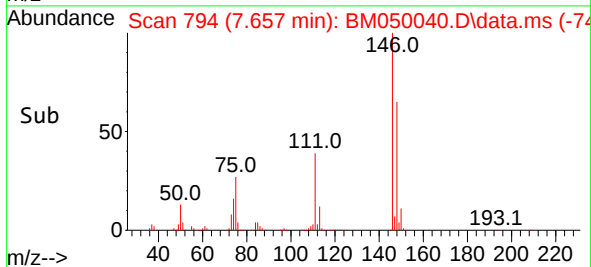
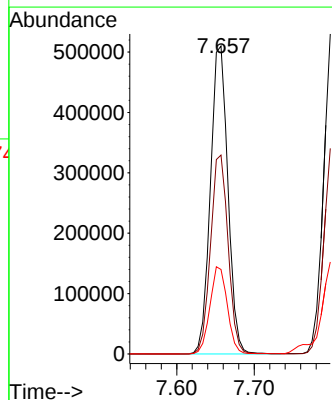
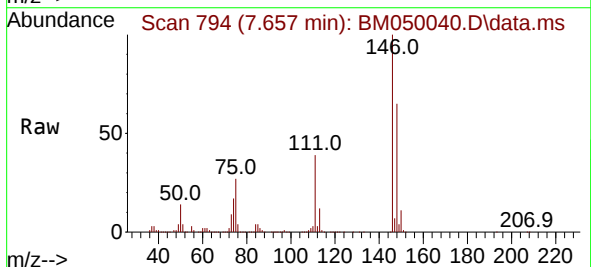
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

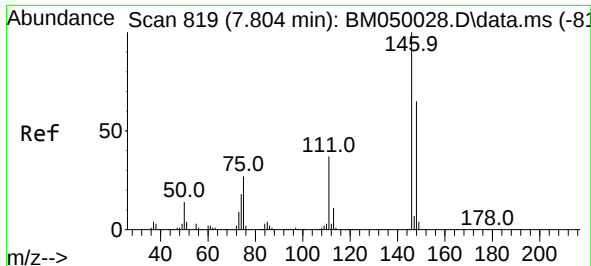
Tgt Ion: 93 Resp: 664141  
Ion Ratio Lower Upper  
93 100  
63 72.7 52.3 92.3  
95 33.1 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 39.727 ng  
RT: 7.657 min Scan# 794  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion: 146 Resp: 799721  
Ion Ratio Lower Upper  
146 100  
148 64.5 52.5 78.7  
75 27.4 22.6 34.0

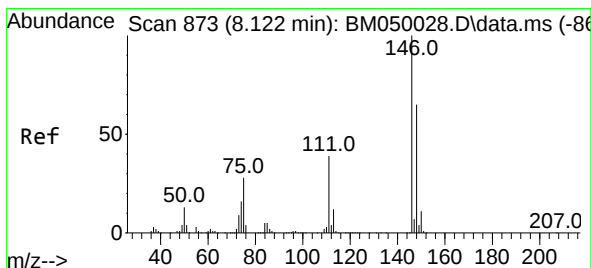
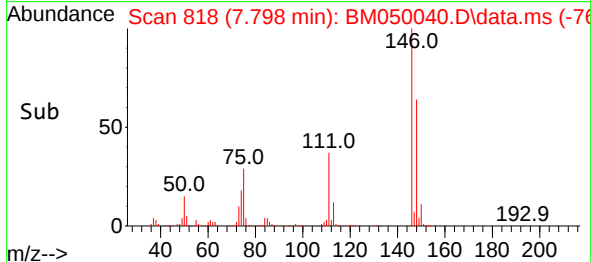
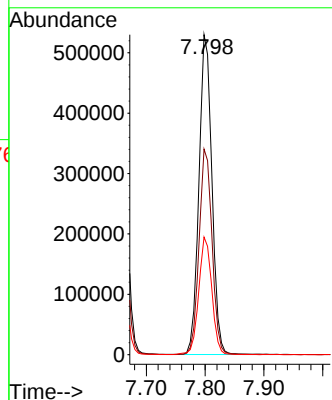
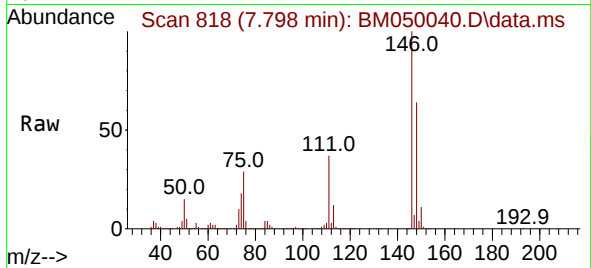




#13  
1,4-Dichlorobenzene  
Concen: 40.021 ng  
RT: 7.798 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

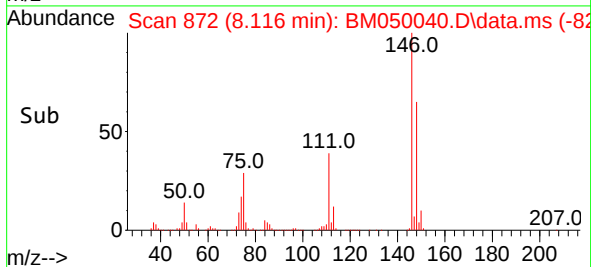
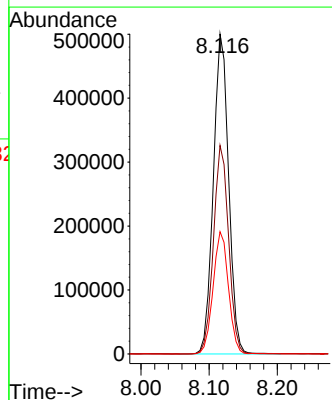
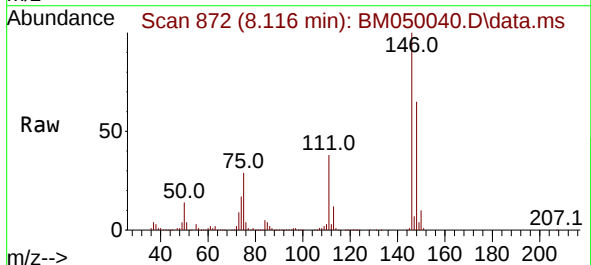
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

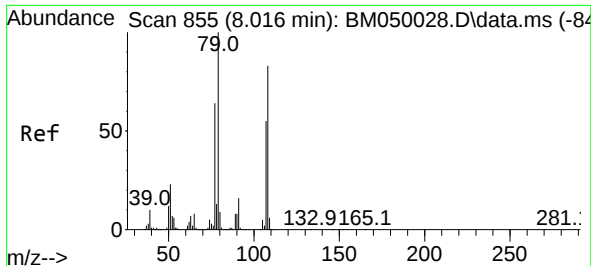
Tgt Ion:146 Resp: 809360  
Ion Ratio Lower Upper  
146 100  
148 64.3 52.2 78.2  
111 36.7 29.3 43.9



#14  
1,2-Dichlorobenzene  
Concen: 40.029 ng  
RT: 8.116 min Scan# 872  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:146 Resp: 781982  
Ion Ratio Lower Upper  
146 100  
148 65.1 52.4 78.6  
111 38.2 31.0 46.6

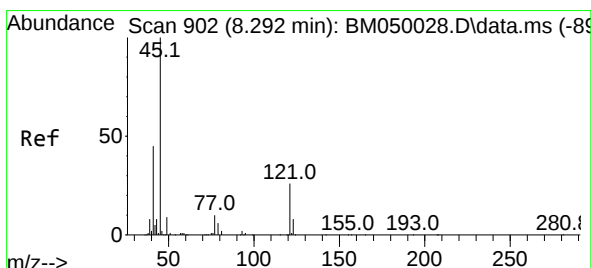
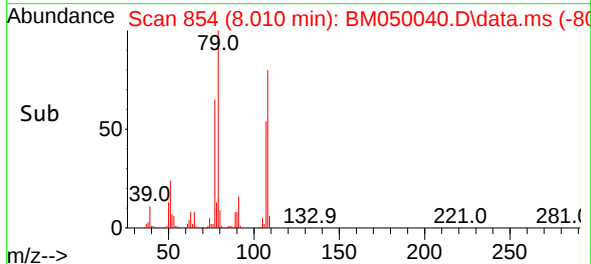
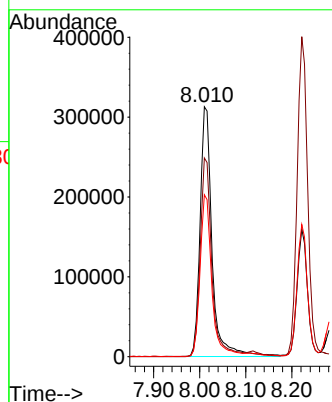
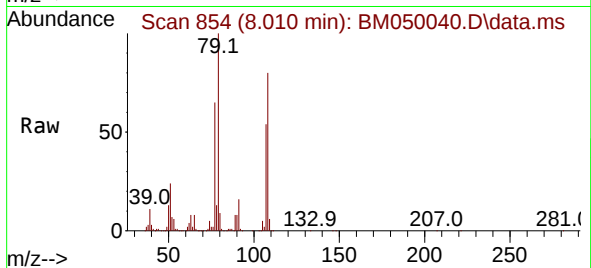




#15  
Benzyl Alcohol  
Concen: 42.311 ng  
RT: 8.010 min Scan# 855  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

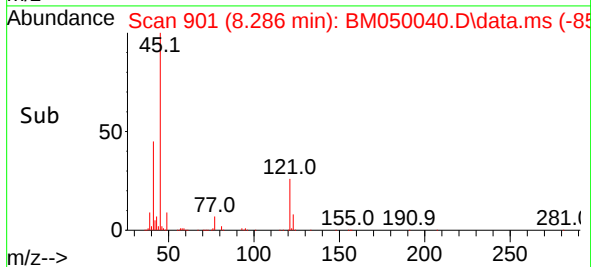
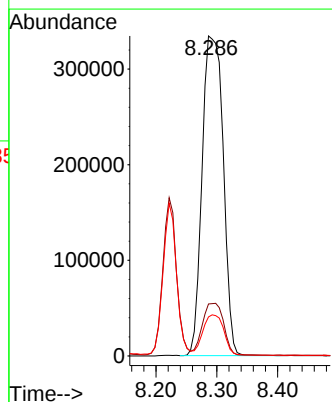
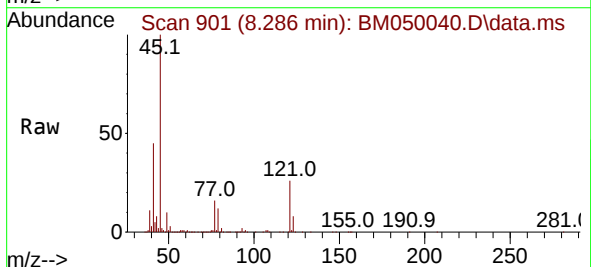
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

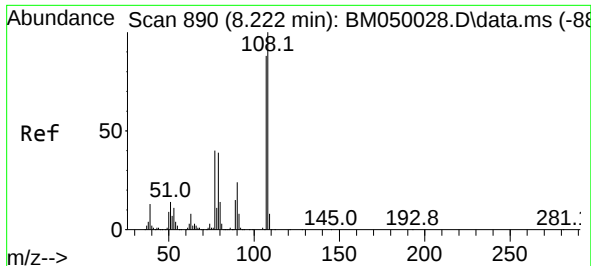
Tgt Ion: 79 Resp: 568432  
Ion Ratio Lower Upper  
79 100  
108 79.5 66.0 99.0  
77 64.8 51.6 77.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.442 ng  
RT: 8.286 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion: 45 Resp: 805029  
Ion Ratio Lower Upper  
45 100  
77 16.3 0.0 36.4  
79 12.2 0.0 32.7

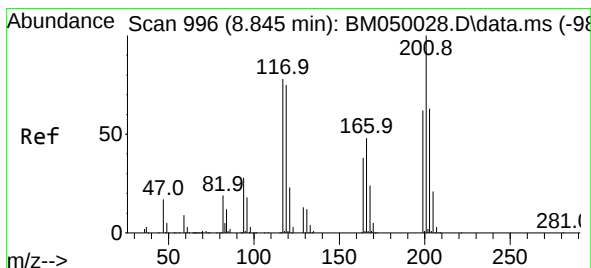
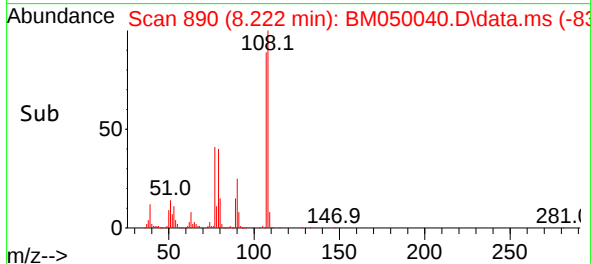
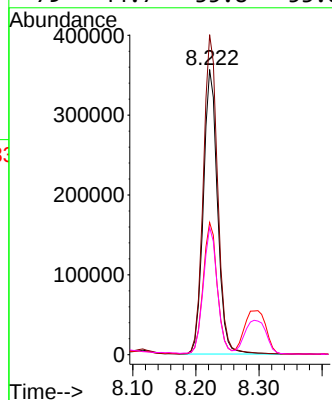
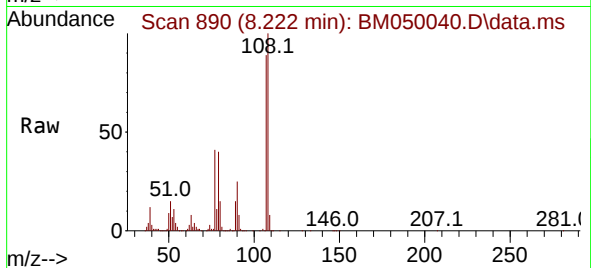




#17  
2-Methylphenol  
Concen: 43.144 ng  
RT: 8.222 min Scan# 890  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

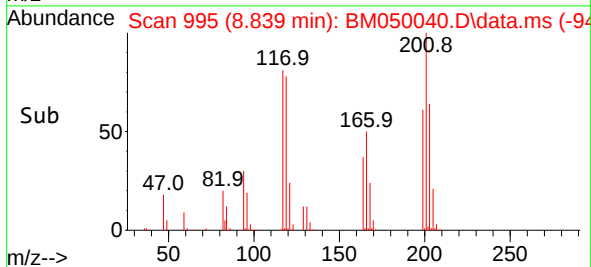
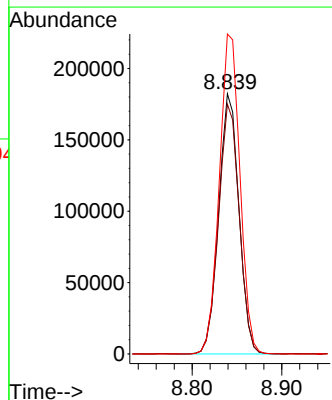
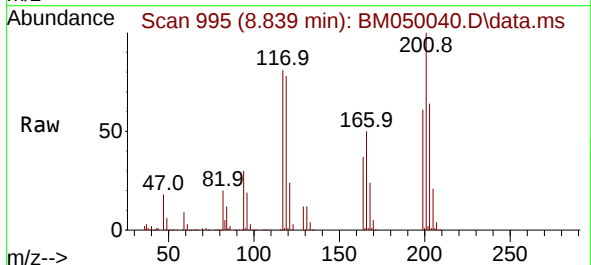
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

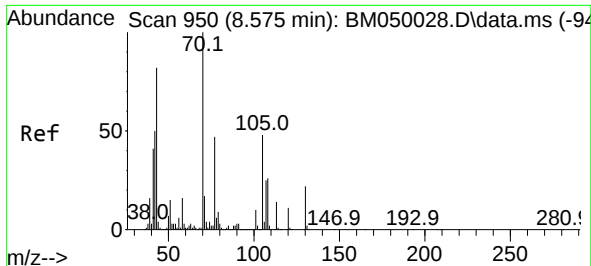
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 557394 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.2 | 91.1  | 136.7  |
| 77       | 46.3  | 36.2  | 54.4   |
| 79       | 44.7  | 35.8  | 53.8   |



#18  
Hexachloroethane  
Concen: 39.916 ng  
RT: 8.839 min Scan# 995  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 286959 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.0  | 77.3  | 115.9  |
| 201      | 123.0 | 102.8 | 154.2  |





#19

n-Nitroso-di-n-propylamine

Concen: 40.108 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM050040.D

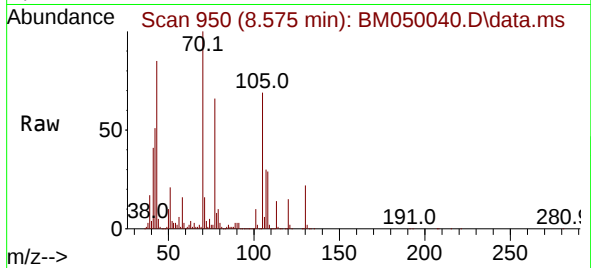
Acq: 29 Apr 2025 12:58

Instrument :

BNA\_M

ClientSampleId :

PB167729BS



Tgt Ion: 70 Resp: 498325

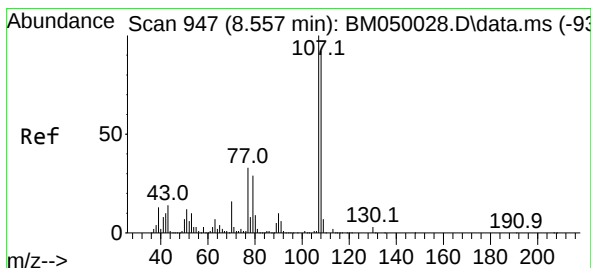
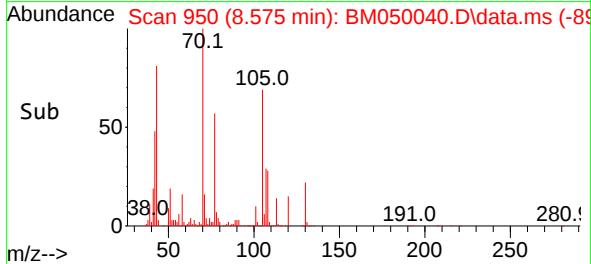
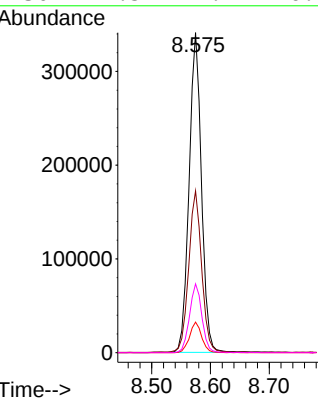
Ion Ratio Lower Upper

70 100

42 50.6 40.5 60.7

101 9.6 7.8 11.6

130 21.5 17.4 26.2



#20

3+4-Methylphenols

Concen: 42.812 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Tgt Ion: 107 Resp: 746935

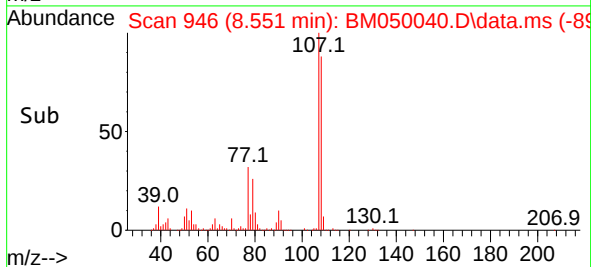
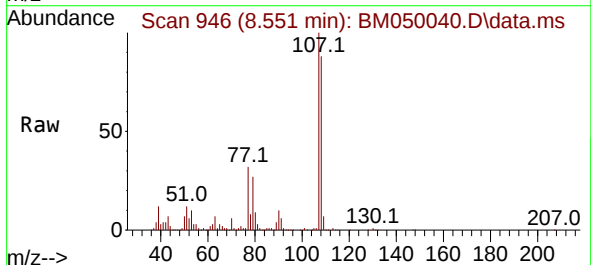
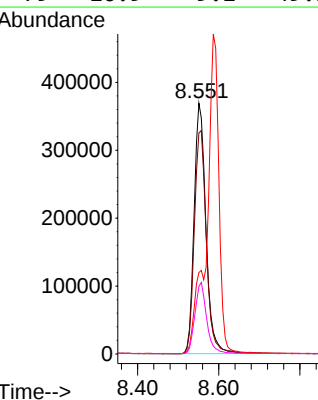
Ion Ratio Lower Upper

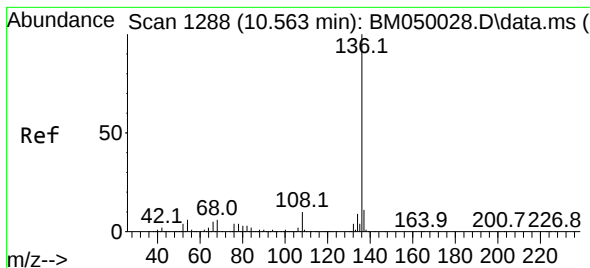
107 100

108 88.2 72.4 112.4

77 32.5 13.6 53.6

79 26.9 9.2 49.2



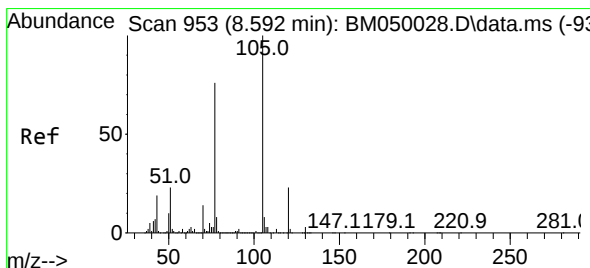
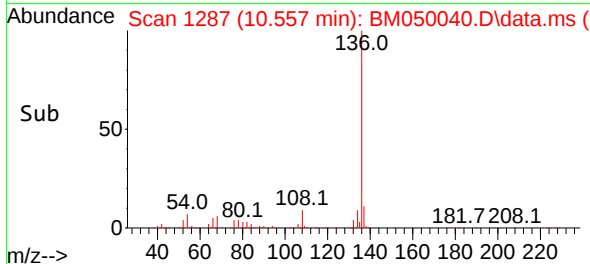
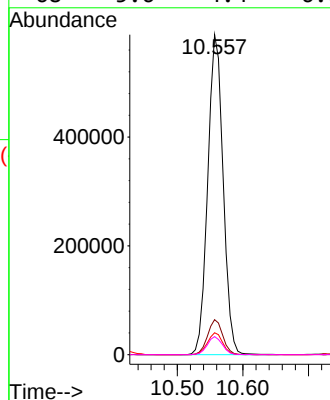
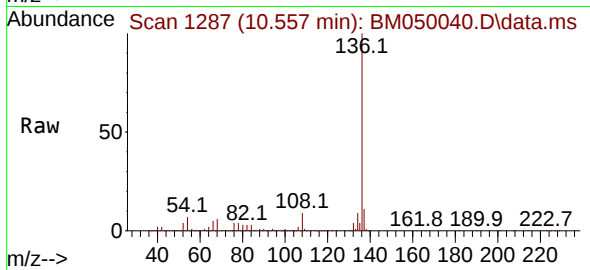


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.557 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

Tgt Ion:136 Resp: 961152

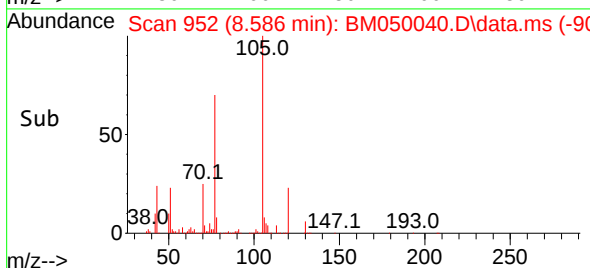
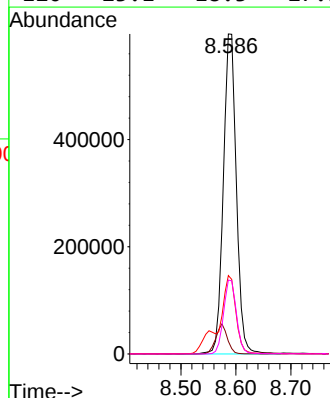
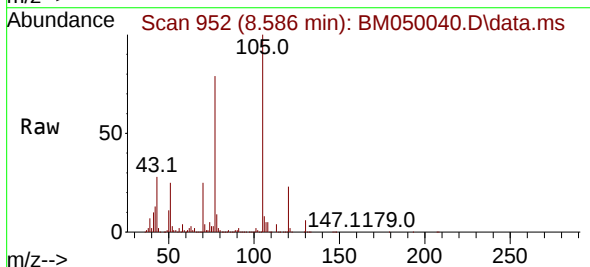
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.9   | 13.3  |
| 54  | 6.8   | 5.1   | 7.7   |
| 68  | 5.6   | 4.4   | 6.6   |

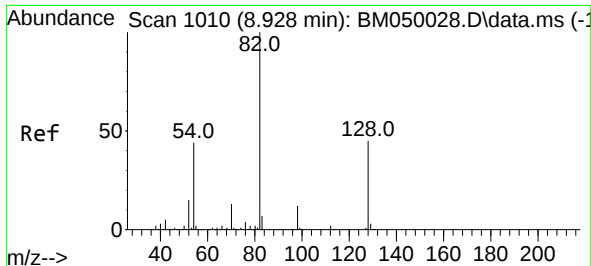


#22  
Acetophenone  
Concen: 41.029 ng  
RT: 8.586 min Scan# 952  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:105 Resp: 980431

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 3.9   | 1.7   | 2.5   |
| 51  | 24.5  | 18.6  | 27.8  |
| 120 | 23.1  | 18.3  | 27.5  |

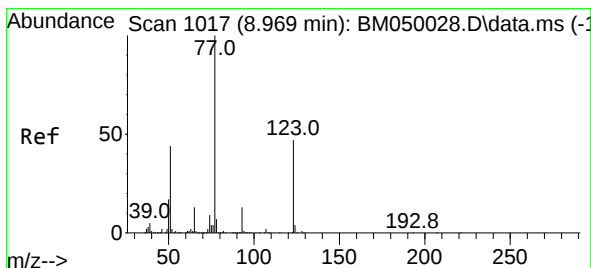
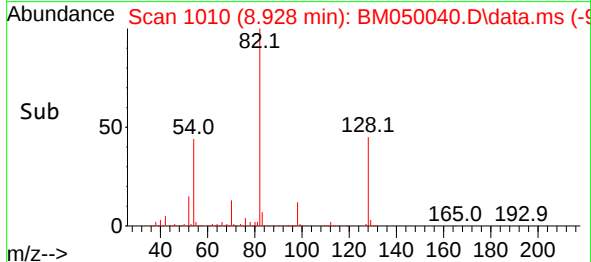
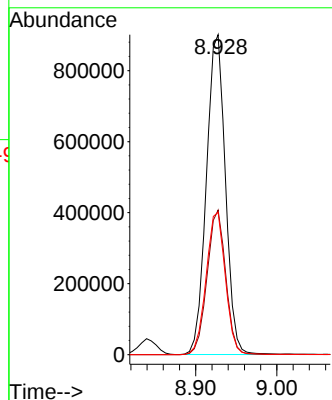
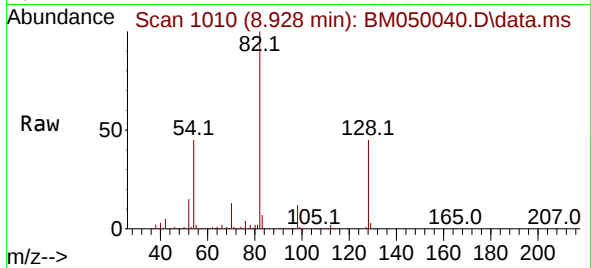




#23  
Nitrobenzene-d5  
Concen: 75.181 ng  
RT: 8.928 min Scan# 1010  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

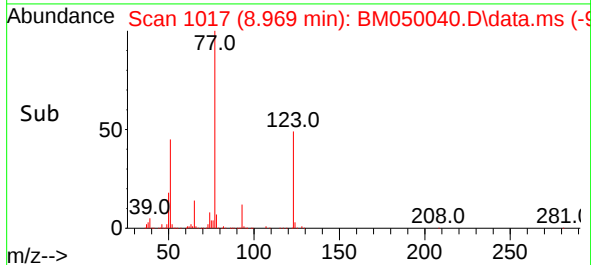
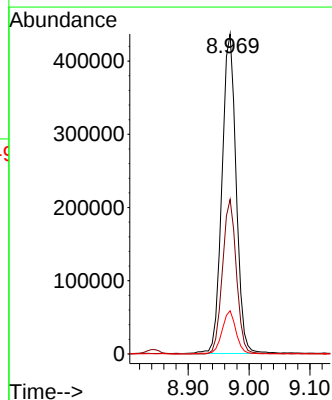
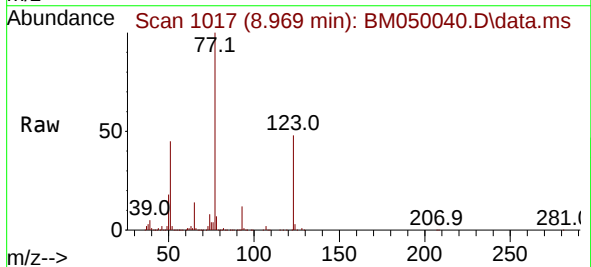
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

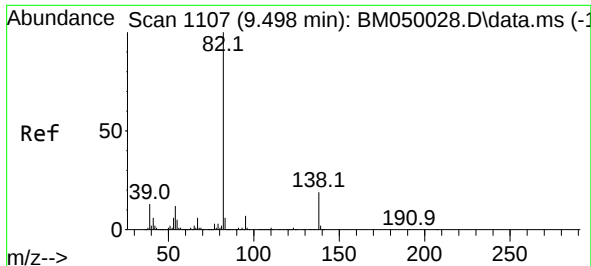
Tgt Ion: 82 Resp: 1466426  
Ion Ratio Lower Upper  
82 100  
128 45.2 35.7 53.5  
54 44.5 35.4 53.2



#24  
Nitrobenzene  
Concen: 41.951 ng  
RT: 8.969 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion: 77 Resp: 707532  
Ion Ratio Lower Upper  
77 100  
123 48.3 37.9 56.9  
65 13.5 10.1 15.1





#25

Isophorone

Concen: 39.689 ng

RT: 9.492 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA\_M

ClientSampleId :

PB167729BS

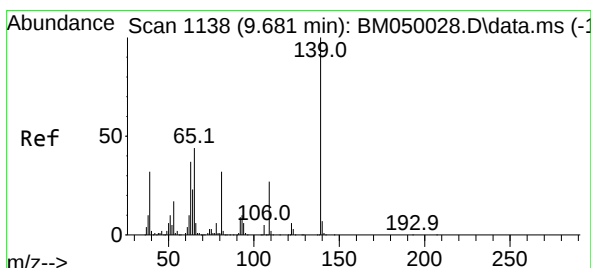
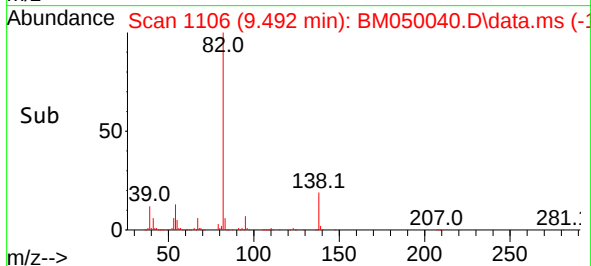
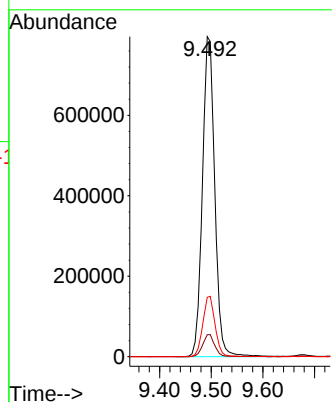
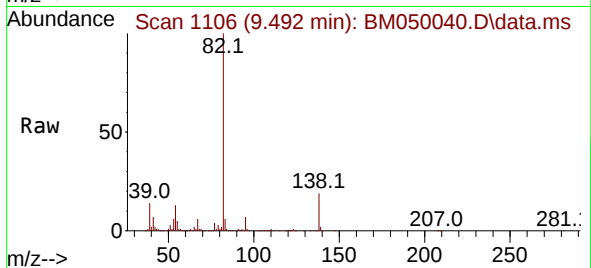
Tgt Ion: 82 Resp: 1319623

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

138 18.5 15.5 23.3



#26

2-Nitrophenol

Concen: 42.665 ng

RT: 9.680 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

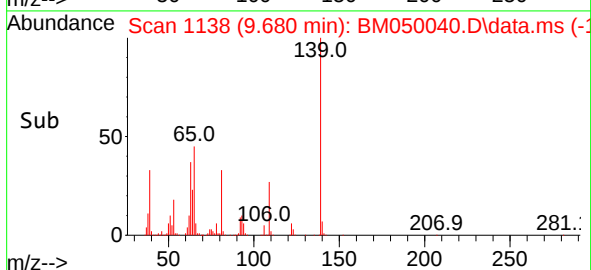
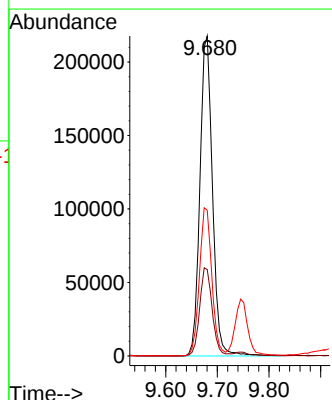
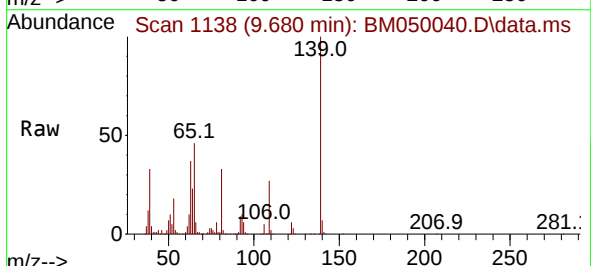
Tgt Ion:139 Resp: 367607

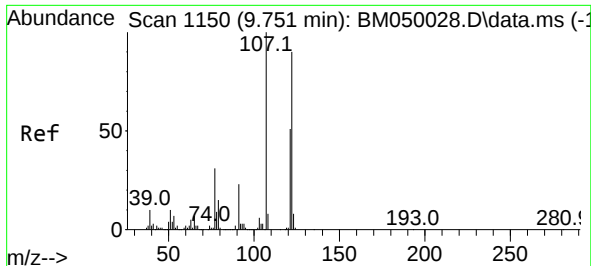
Ion Ratio Lower Upper

139 100

109 27.0 21.9 32.9

65 45.6 35.4 53.2

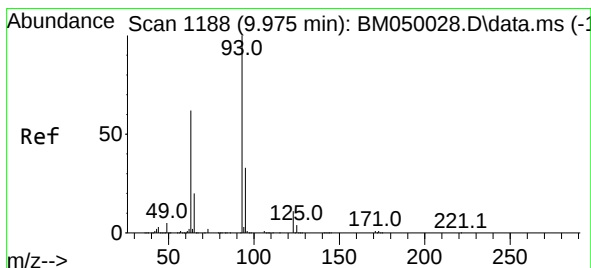
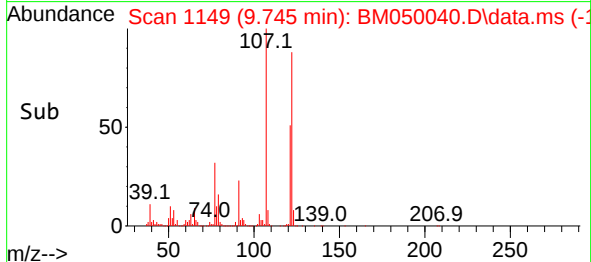
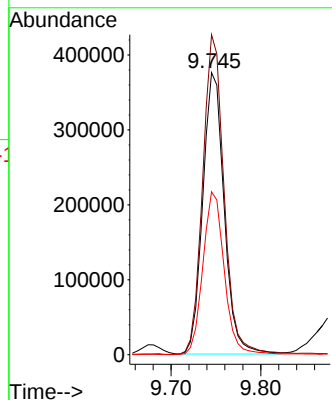
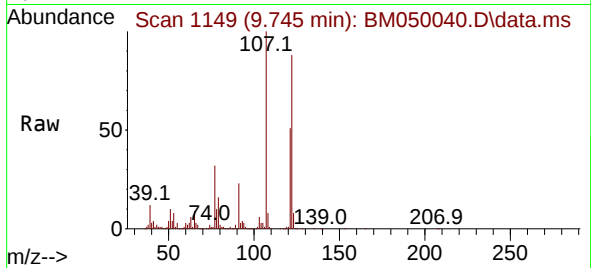




#27  
2,4-Dimethylphenol  
Concen: 43.529 ng  
RT: 9.745 min Scan# 1149  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

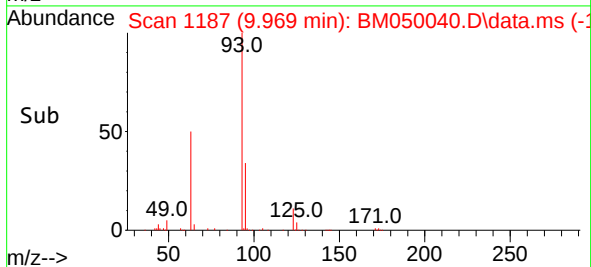
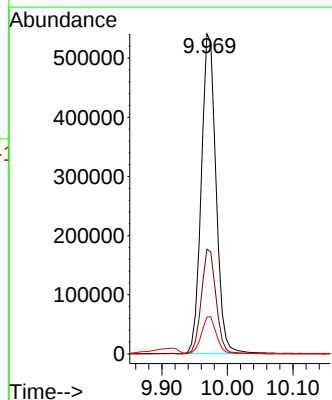
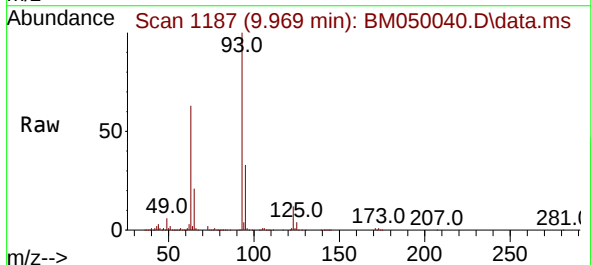
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

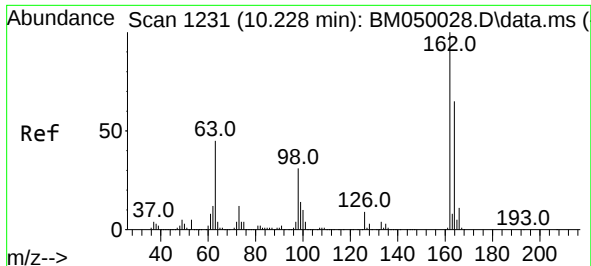
Tgt Ion:122 Resp: 621972  
Ion Ratio Lower Upper  
122 100  
107 113.5 89.0 133.6  
121 57.8 45.6 68.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.194 ng  
RT: 9.969 min Scan# 1187  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion: 93 Resp: 846555  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.1 39.1  
123 11.6 9.5 14.3

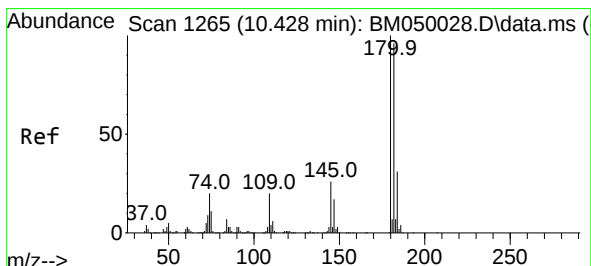
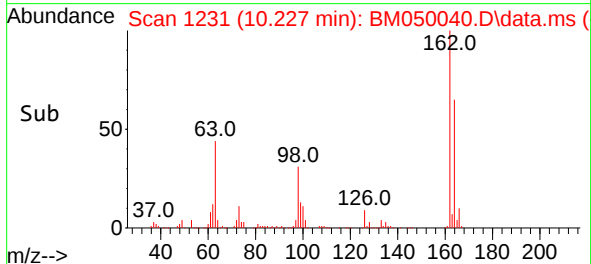
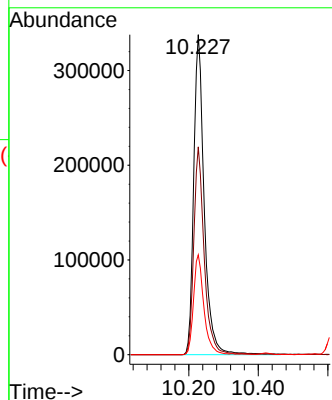
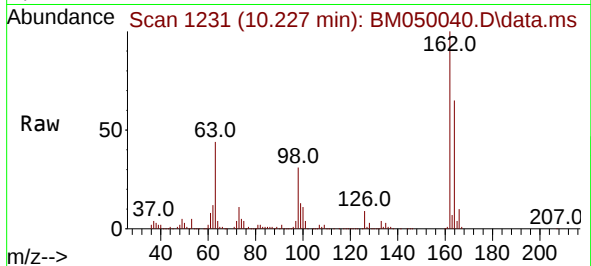




#29  
2,4-Dichlorophenol  
Concen: 44.323 ng  
RT: 10.227 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

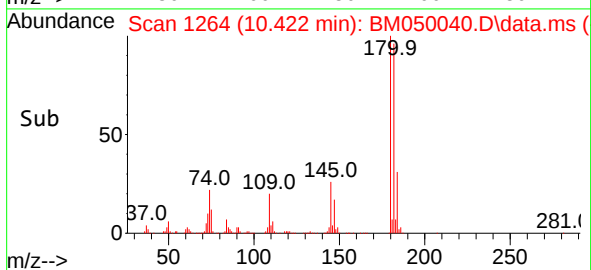
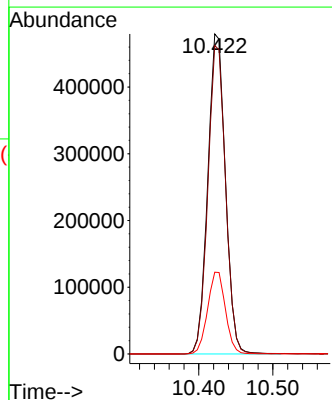
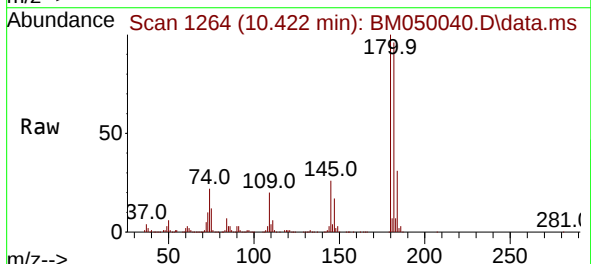
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

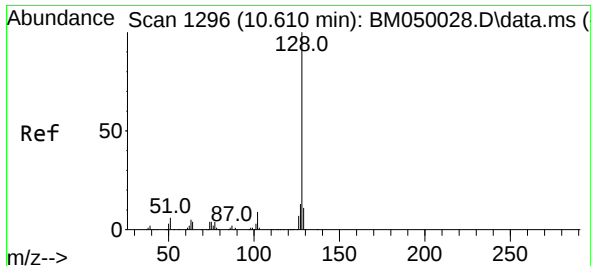
Tgt Ion:162 Resp: 709498  
Ion Ratio Lower Upper  
162 100  
164 65.0 45.4 85.4  
98 31.2 11.3 51.3



#30  
1,2,4-Trichlorobenzene  
Concen: 40.642 ng  
RT: 10.422 min Scan# 1264  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:180 Resp: 792629  
Ion Ratio Lower Upper  
180 100  
182 96.4 77.0 115.4  
145 25.6 20.6 30.8

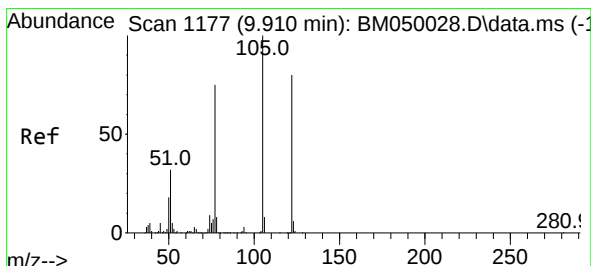
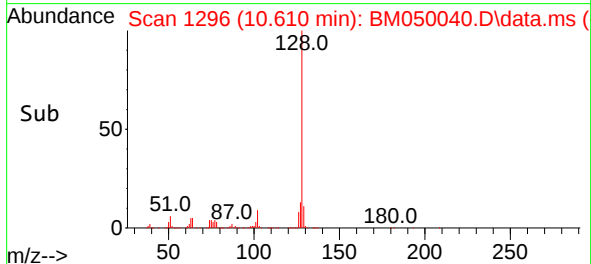
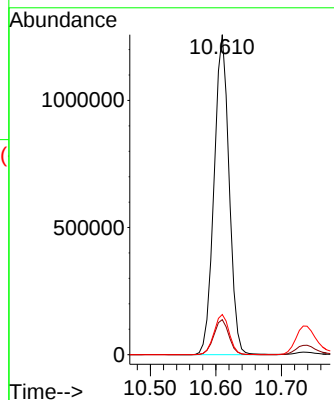
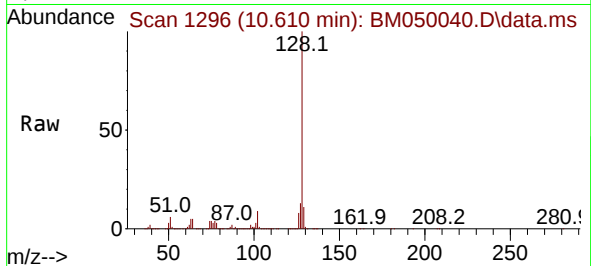




#31  
Naphthalene  
Concen: 41.080 ng  
RT: 10.610 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

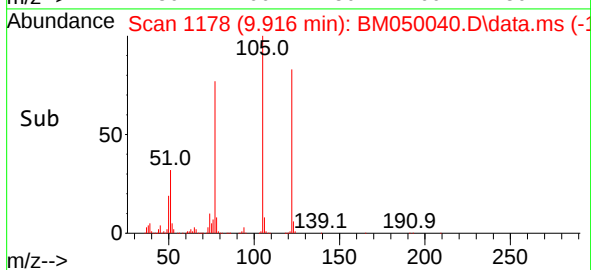
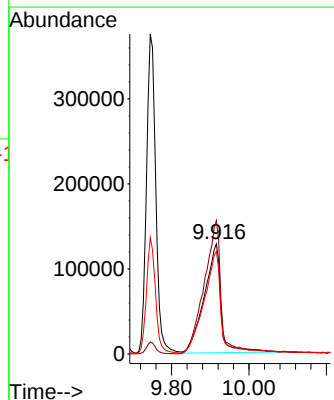
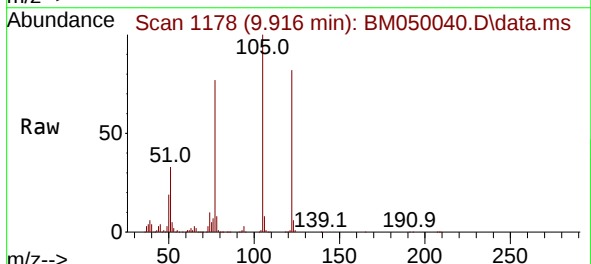
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

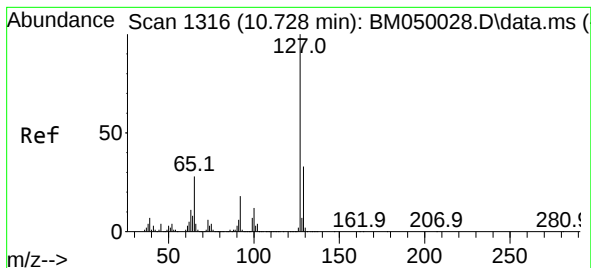
Tgt Ion:128 Resp: 1999582  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 12.5 10.4 15.6



#32  
Benzoic acid  
Concen: 42.285 ng  
RT: 9.916 min Scan# 1178  
Delta R.T. 0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:122 Resp: 386427  
Ion Ratio Lower Upper  
122 100  
105 121.3 103.6 143.6  
77 93.1 73.7 113.7

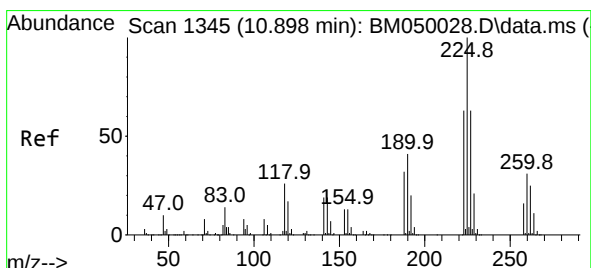
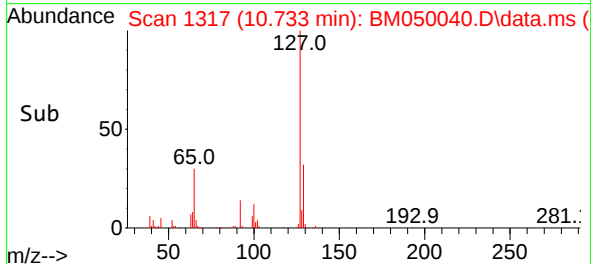
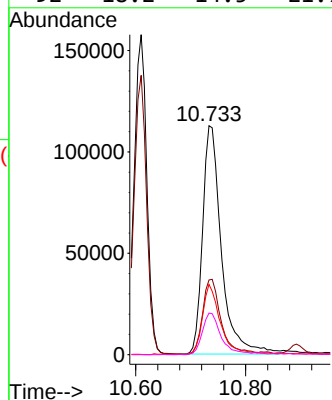
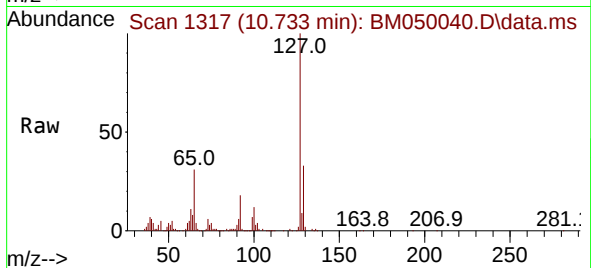




#33  
4-Chloroaniline  
Concen: 13.446 ng  
RT: 10.733 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

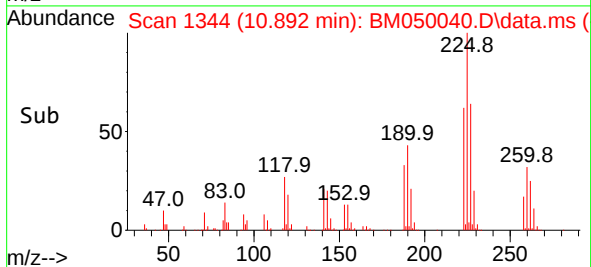
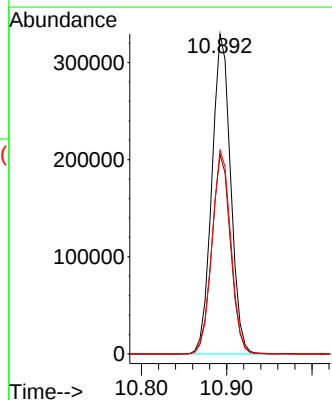
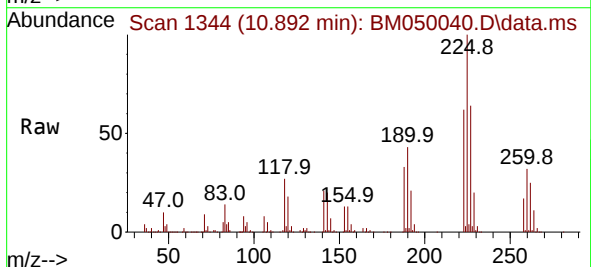
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

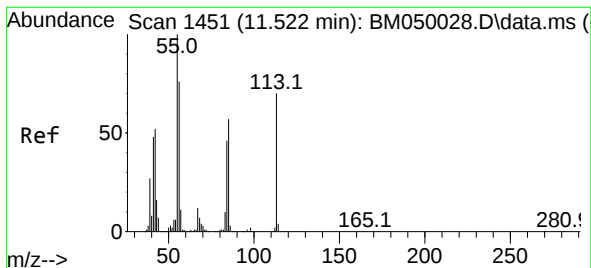
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 268271 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.3  | 39.5   |
| 65       | 30.7  | 22.5  | 33.7   |
| 92       | 18.2  | 14.5  | 21.7   |



#34  
Hexachlorobutadiene  
Concen: 40.569 ng  
RT: 10.892 min Scan# 1344  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 502242 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 50.2  | 75.2   |
| 227      | 63.6  | 50.6  | 76.0   |





#35

Caprolactam

Concen: 39.083 ng

RT: 11.521 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA\_M

ClientSampleId :

PB167729BS

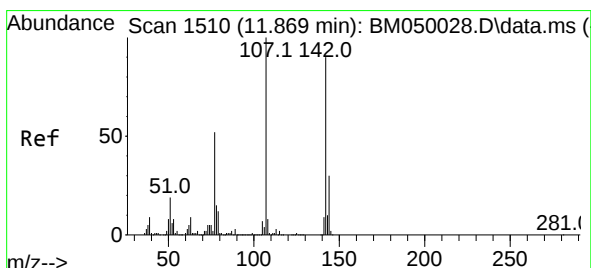
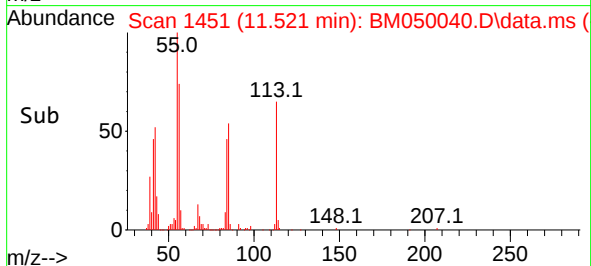
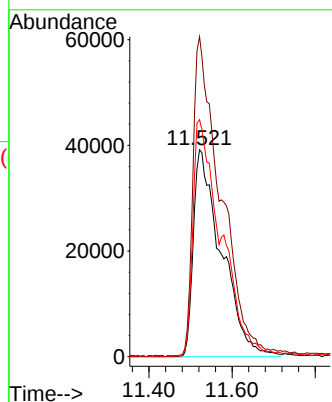
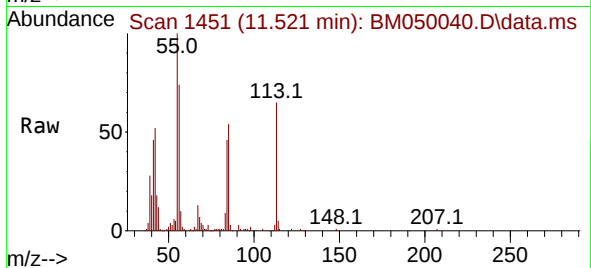
Tgt Ion:113 Resp: 182413

Ion Ratio Lower Upper

113 100

55 154.6 122.9 162.9

56 114.5 88.1 128.1



#36

4-Chloro-3-methylphenol

Concen: 42.193 ng

RT: 11.869 min Scan# 1510

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

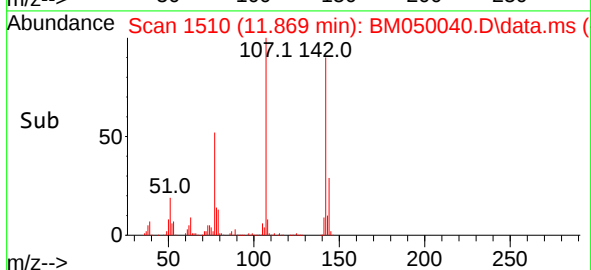
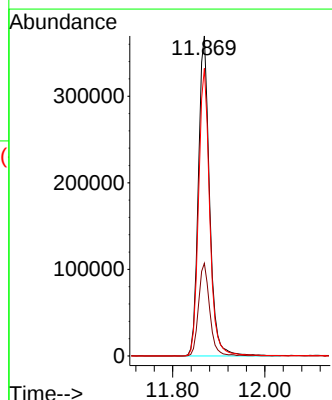
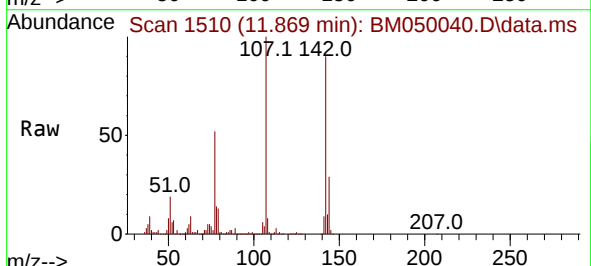
Tgt Ion:107 Resp: 624003

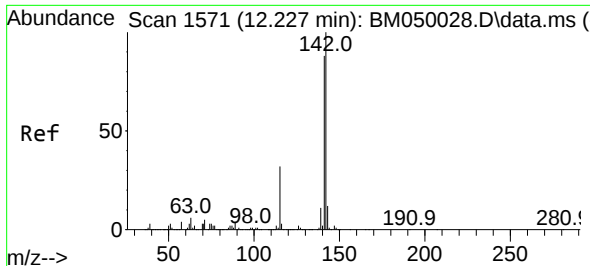
Ion Ratio Lower Upper

107 100

144 29.0 23.8 35.6

142 89.9 71.9 107.9

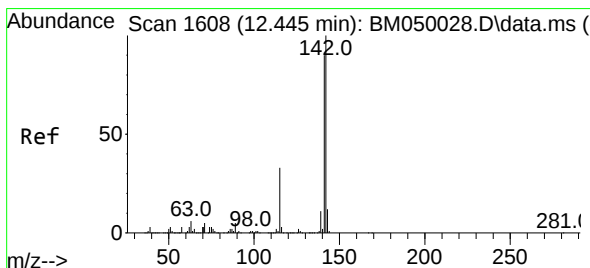
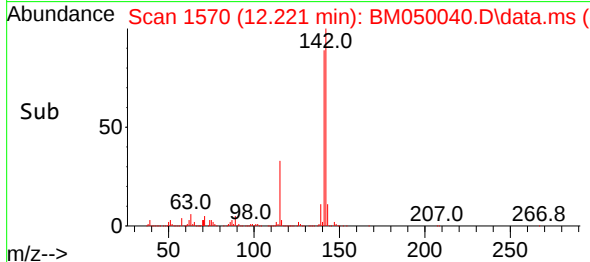
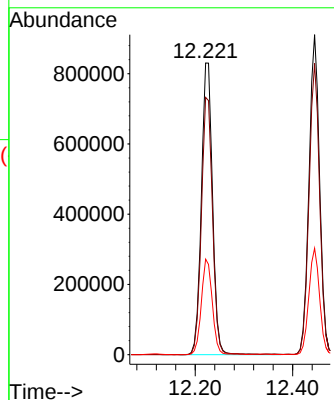
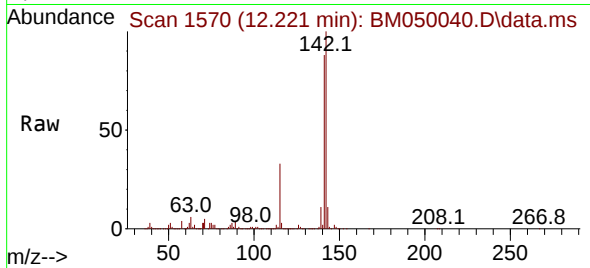




#37  
2-Methylnaphthalene  
Concen: 40.473 ng  
RT: 12.221 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

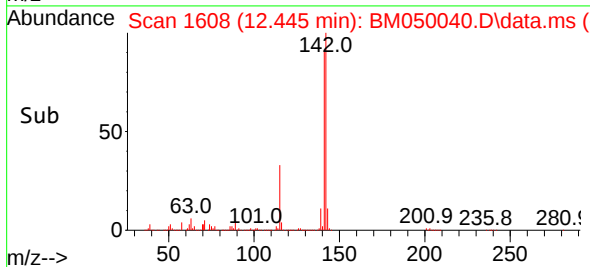
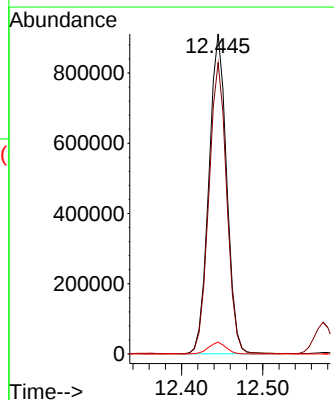
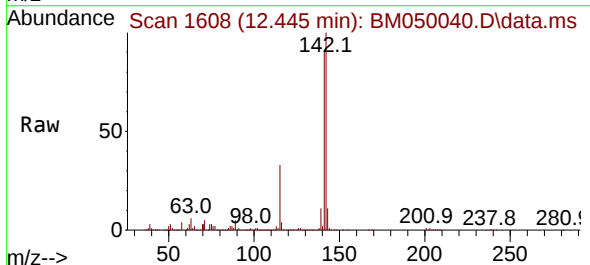
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

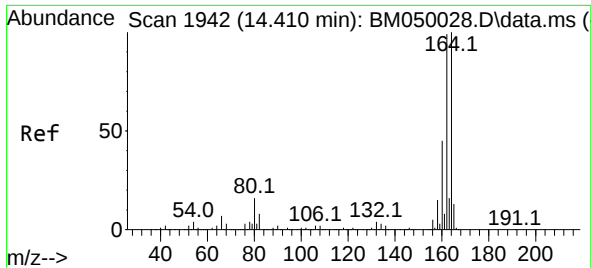
Tgt Ion:142 Resp: 1320802  
Ion Ratio Lower Upper  
142 100  
141 88.2 70.4 105.6  
115 32.8 25.4 38.2



#38  
1-Methylnaphthalene  
Concen: 40.177 ng  
RT: 12.445 min Scan# 1608  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:142 Resp: 1387555  
Ion Ratio Lower Upper  
142 100  
141 91.0 72.1 108.1  
116 3.7 2.7 4.1

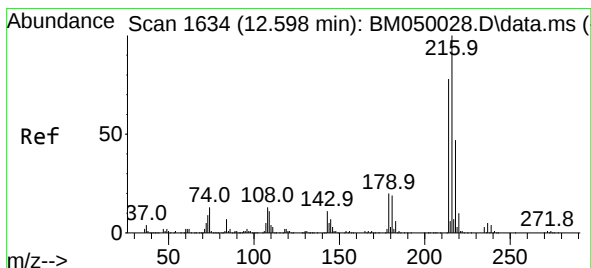
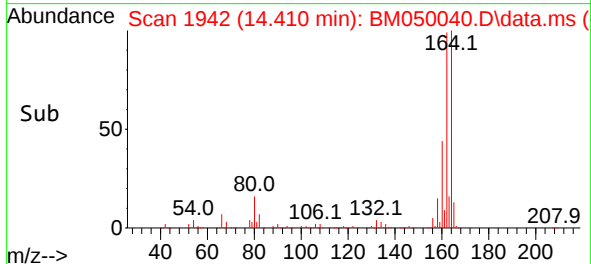
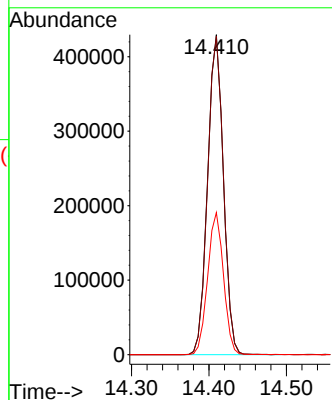
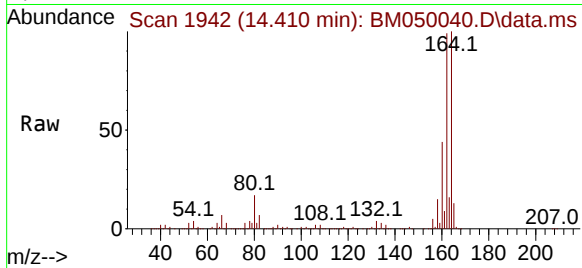




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.410 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

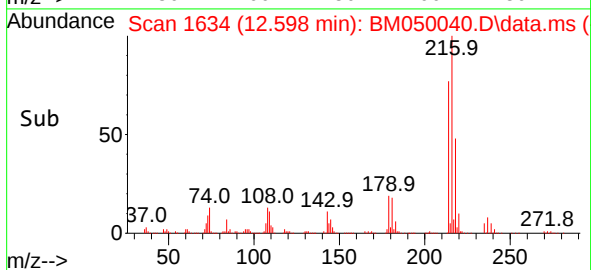
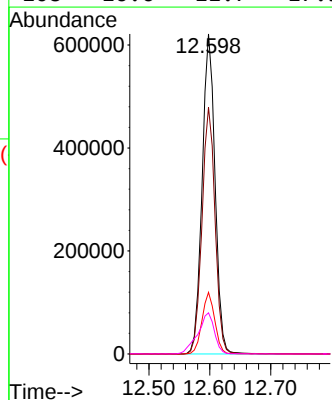
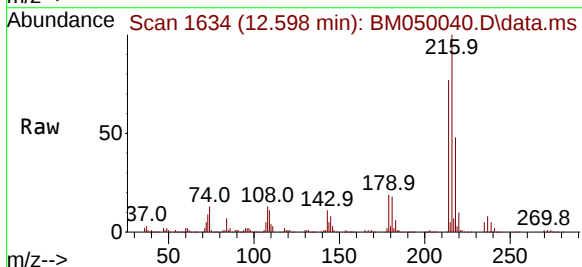
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

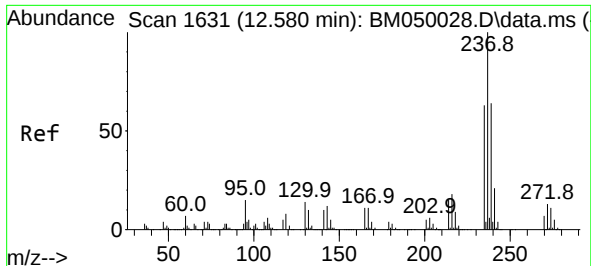
Tgt Ion:164 Resp: 608153  
Ion Ratio Lower Upper  
164 100  
162 99.5 79.4 119.0  
160 44.4 36.2 54.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.549 ng  
RT: 12.598 min Scan# 1634  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

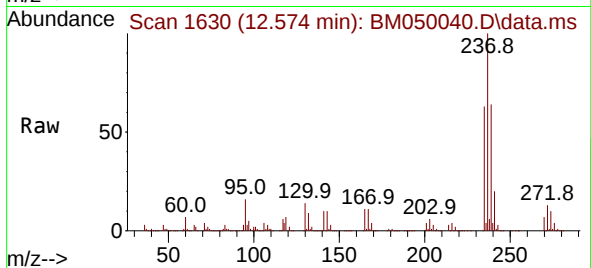
Tgt Ion:216 Resp: 916829  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.3 93.5  
179 19.0 15.4 23.0  
108 16.6 11.7 17.5



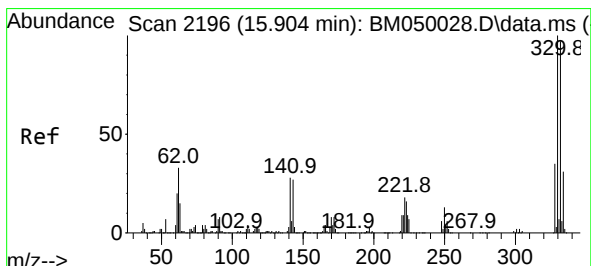
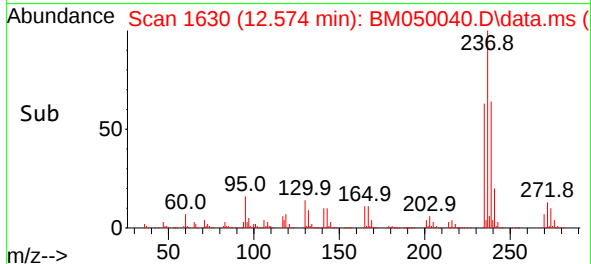
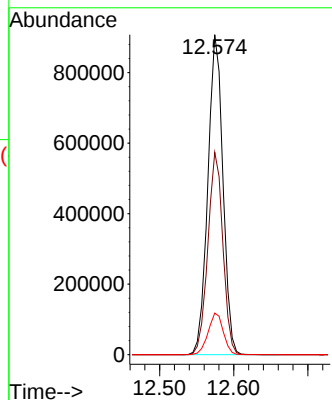


#41  
Hexachlorocyclopentadiene  
Concen: 99.621 ng  
RT: 12.574 min Scan# 1630  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

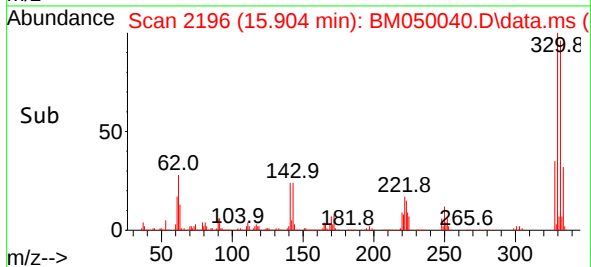
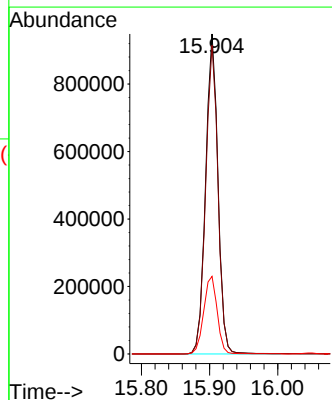
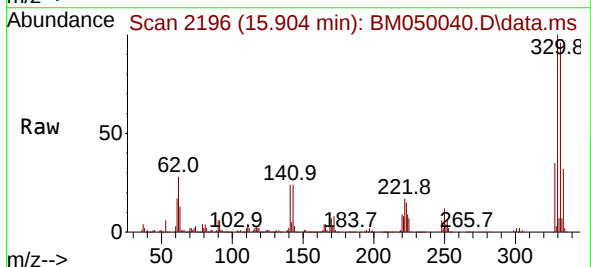


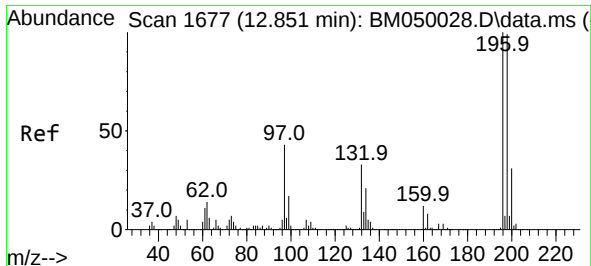
Tgt Ion:237 Resp: 1281695  
Ion Ratio Lower Upper  
237 100  
235 63.2 42.9 82.9  
272 13.0 0.0 32.9



#42  
2,4,6-Tribromophenol  
Concen: 132.987 ng  
RT: 15.904 min Scan# 2196  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:330 Resp: 1195862  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.3 115.9  
141 26.5 22.5 33.7

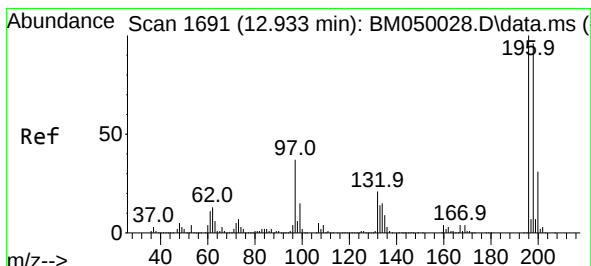
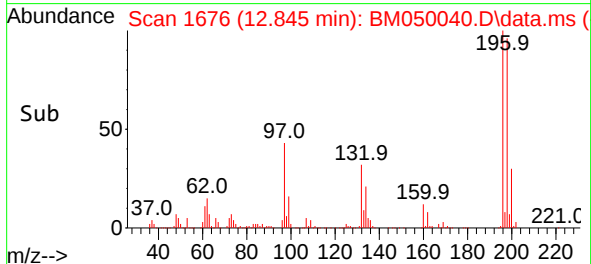
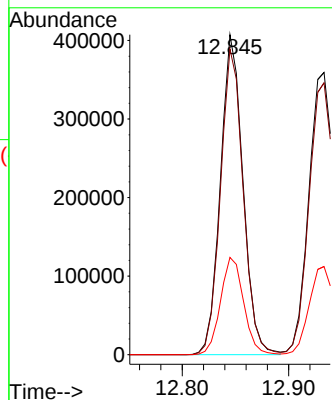
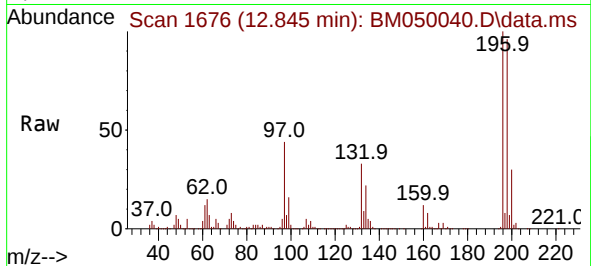




#43  
2,4,6-Trichlorophenol  
Concen: 44.859 ng  
RT: 12.845 min Scan# 1676  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

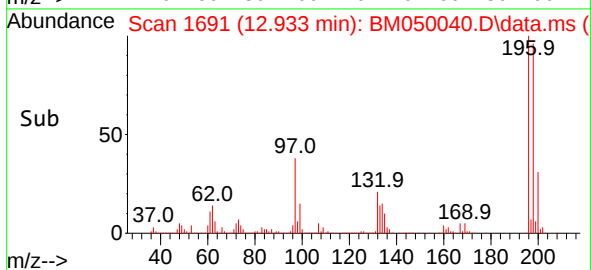
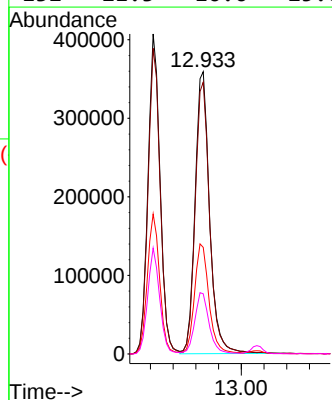
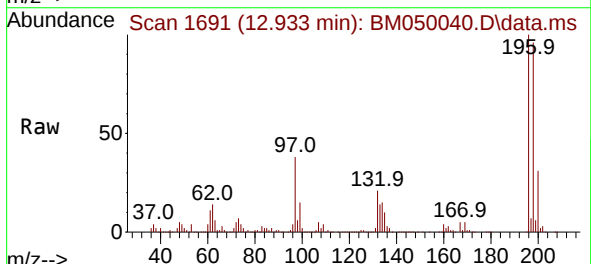
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

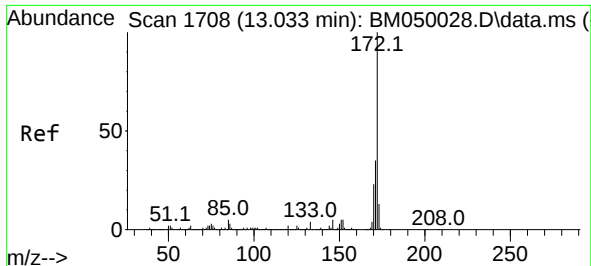
Tgt Ion:196 Resp: 598998  
Ion Ratio Lower Upper  
196 100  
198 95.5 79.0 118.6  
200 30.4 25.1 37.7



#44  
2,4,5-Trichlorophenol  
Concen: 44.403 ng  
RT: 12.933 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:196 Resp: 639370  
Ion Ratio Lower Upper  
196 100  
198 96.3 76.7 115.1  
97 37.7 30.1 45.1  
132 21.3 16.6 25.0

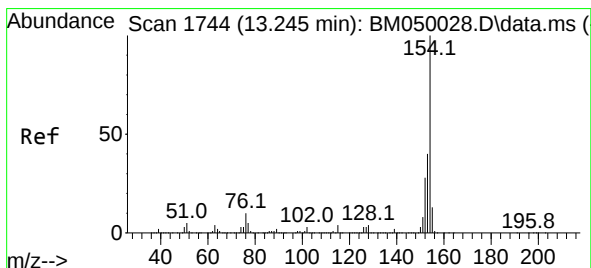
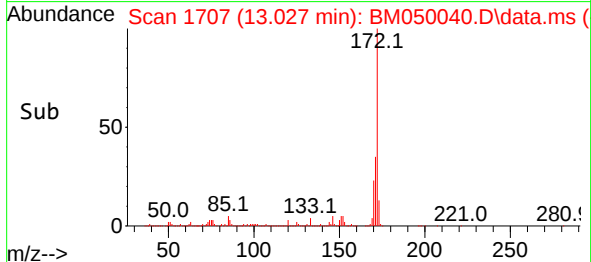
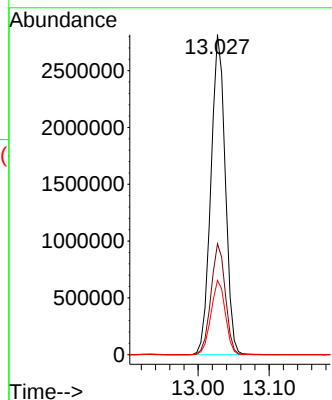
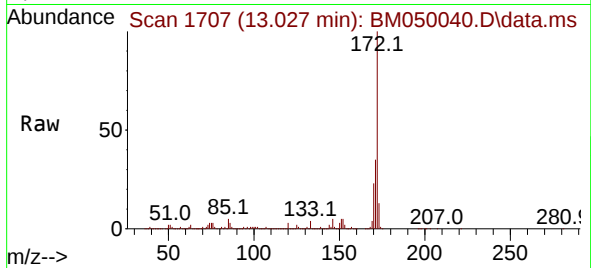




#45  
2-Fluorobiphenyl  
Concen: 76.986 ng  
RT: 13.027 min Scan# 1707  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

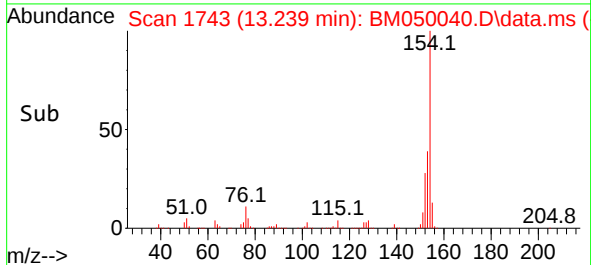
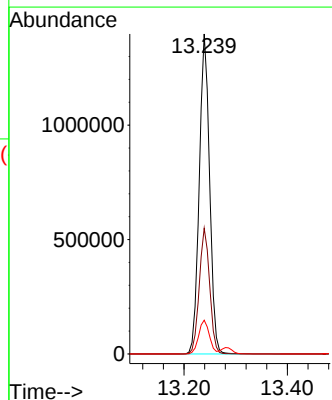
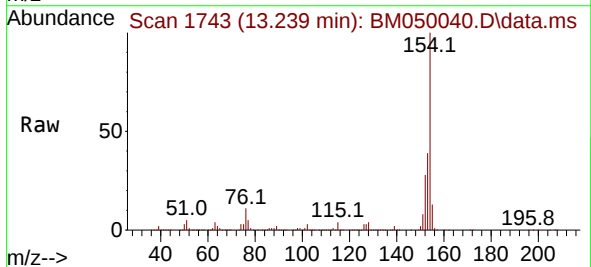
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

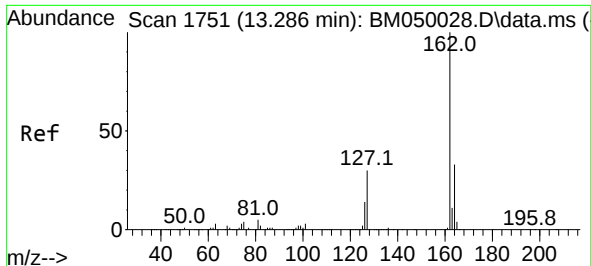
Tgt Ion:172 Resp: 3957723  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.8 41.6  
170 23.2 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 42.889 ng  
RT: 13.239 min Scan# 1743  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:154 Resp: 1938887  
Ion Ratio Lower Upper  
154 100  
153 39.3 20.0 60.0  
76 10.6 0.0 30.3

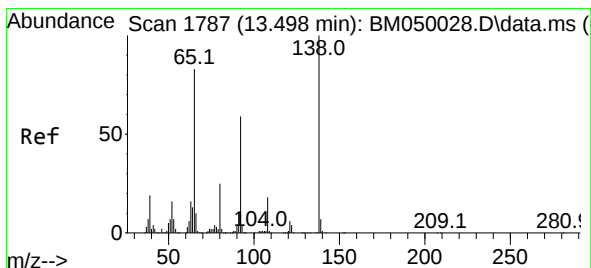
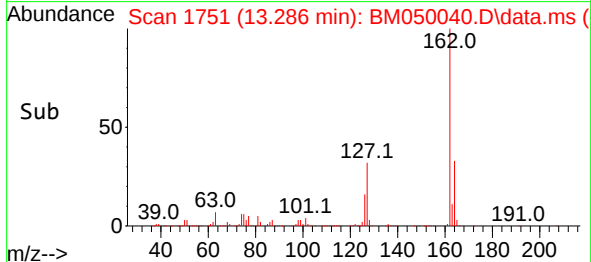
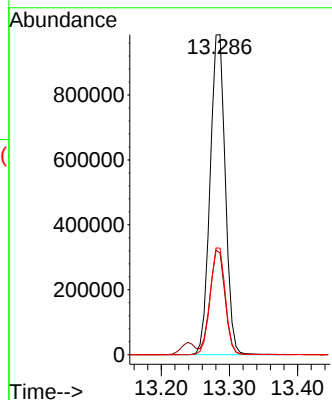
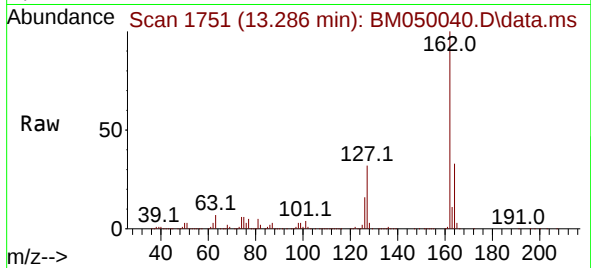




#47  
2-Chloronaphthalene  
Concen: 42.637 ng  
RT: 13.286 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

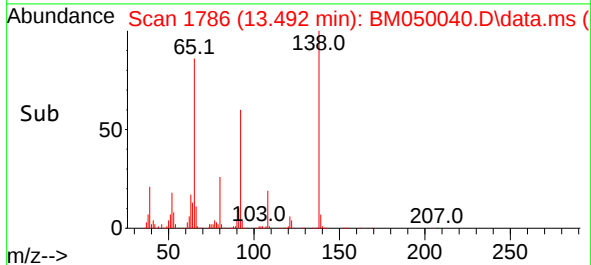
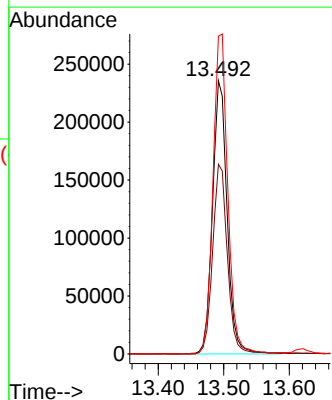
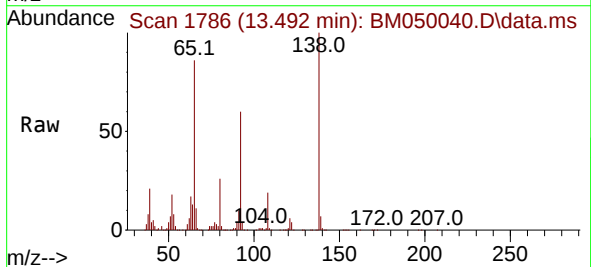
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

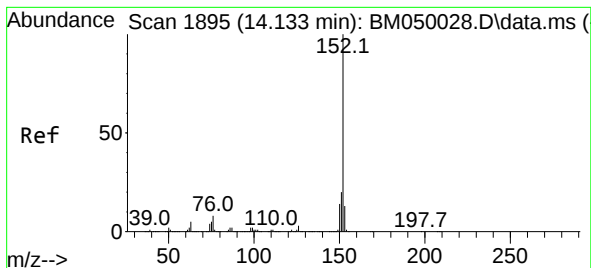
Tgt Ion:162 Resp: 1526561  
Ion Ratio Lower Upper  
162 100  
127 31.8 25.9 38.9  
164 33.3 26.6 40.0



#48  
2-Nitroaniline  
Concen: 43.535 ng  
RT: 13.492 min Scan# 1786  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion: 65 Resp: 365838  
Ion Ratio Lower Upper  
65 100  
92 69.4 57.1 85.7  
138 116.3 97.0 145.4





#49

Acenaphthylene

Concen: 42.390 ng

RT: 14.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

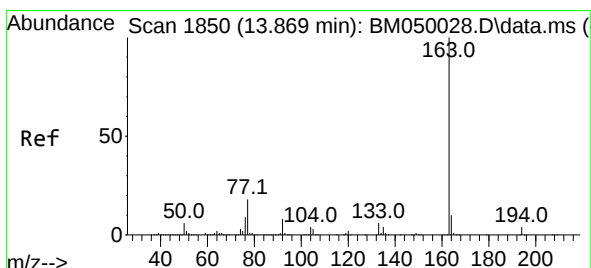
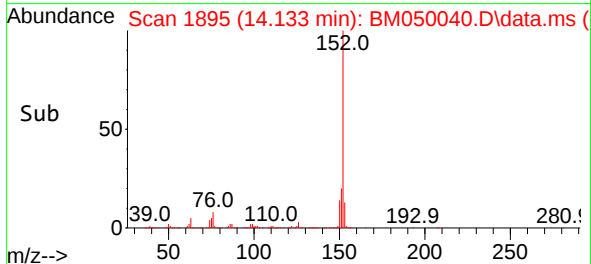
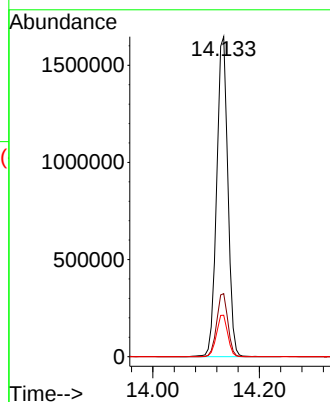
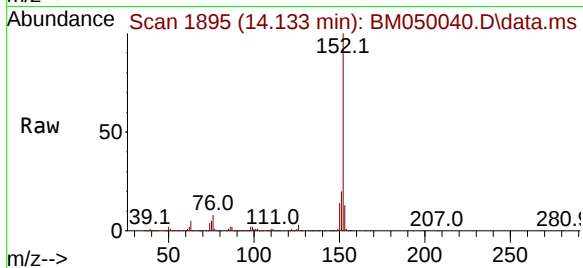
BNA\_M

ClientSampleId :

PB167729BS

Tgt Ion:152 Resp: 2392982

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.7  | 15.8  | 23.8  |
| 153 | 13.0  | 10.6  | 15.8  |



#50

Dimethylphthalate

Concen: 41.627 ng

RT: 13.868 min Scan# 1850

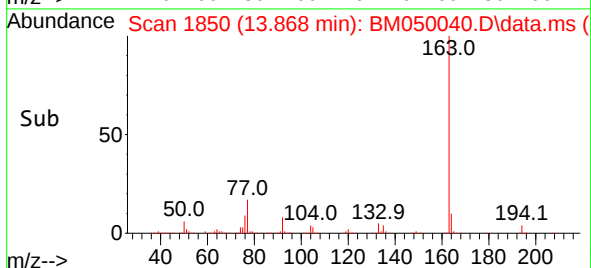
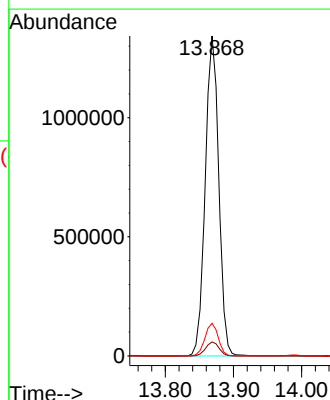
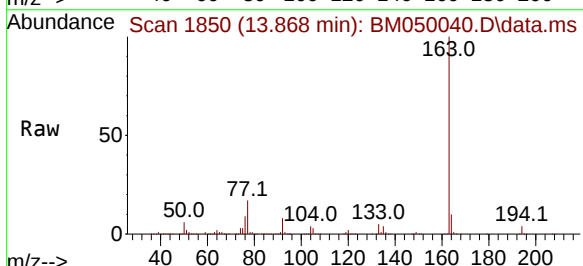
Delta R.T. -0.000 min

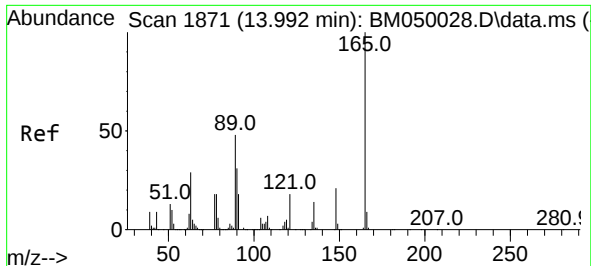
Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Tgt Ion:163 Resp: 1850111

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.4   | 3.4   | 5.2   |
| 164 | 10.2  | 8.2   | 12.2  |

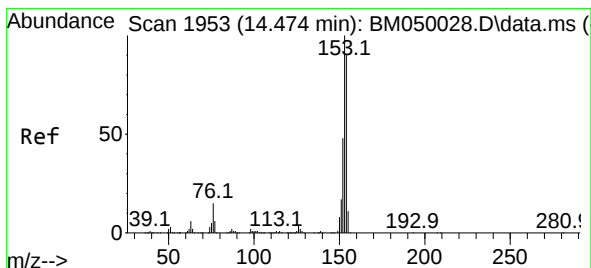
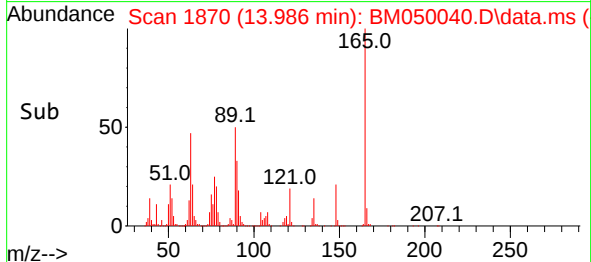
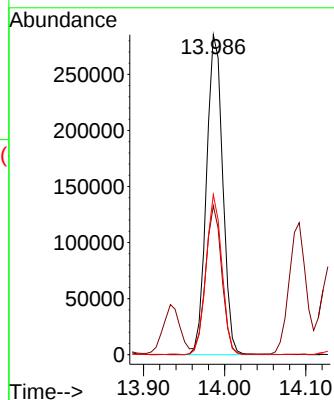
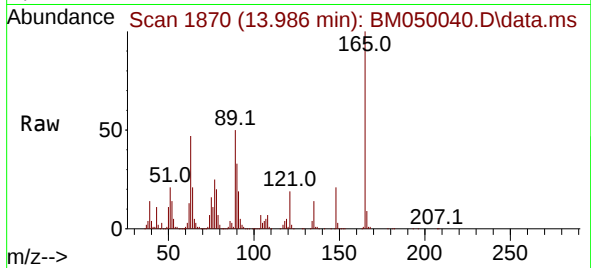




#51  
2,6-Dinitrotoluene  
Concen: 43.023 ng  
RT: 13.986 min Scan# 1870  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

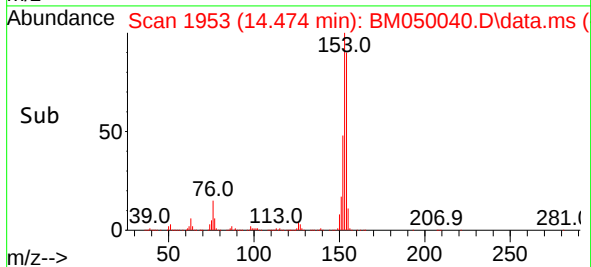
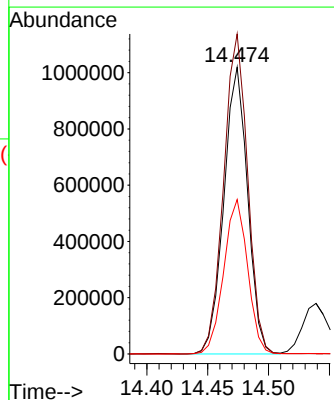
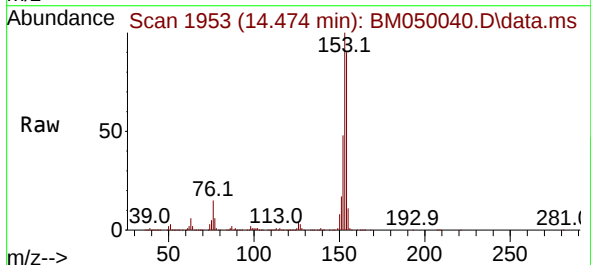
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

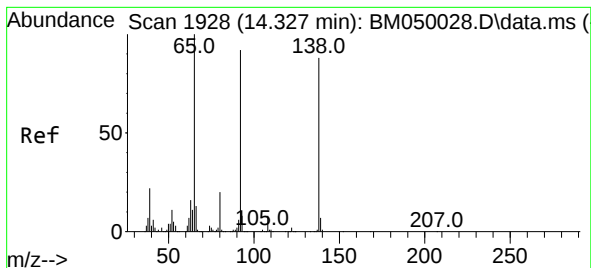
Tgt Ion:165 Resp: 395898  
Ion Ratio Lower Upper  
165 100  
63 46.6 35.1 52.7  
89 50.0 38.4 57.6



#52  
Acenaphthene  
Concen: 42.421 ng  
RT: 14.474 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:154 Resp: 1386169  
Ion Ratio Lower Upper  
154 100  
153 111.6 89.0 133.4  
152 53.9 43.0 64.6

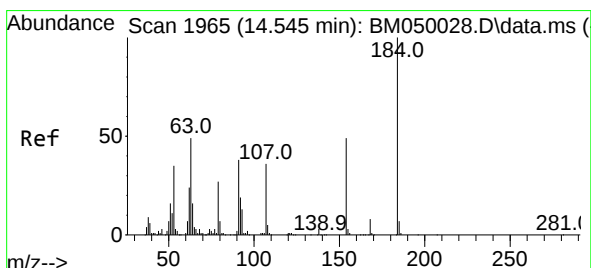
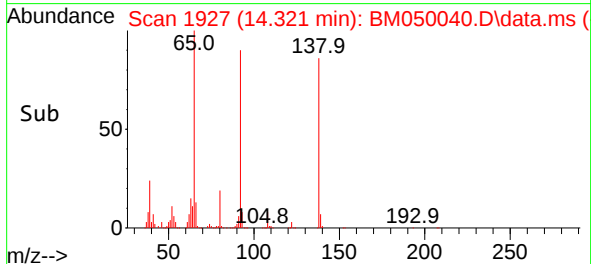
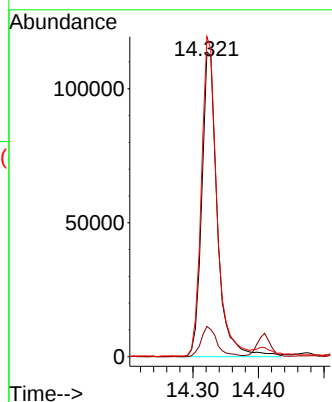
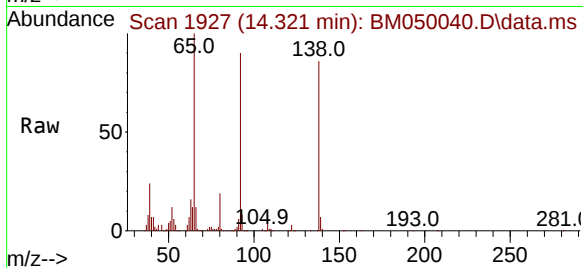




#53  
3-Nitroaniline  
Concen: 21.411 ng  
RT: 14.321 min Scan# 1928  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

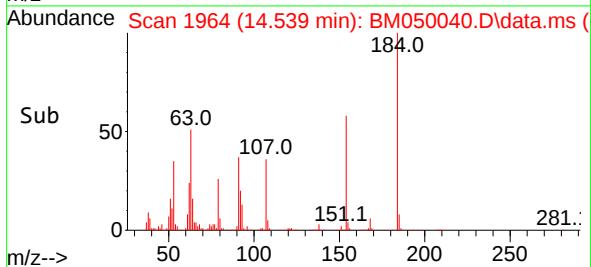
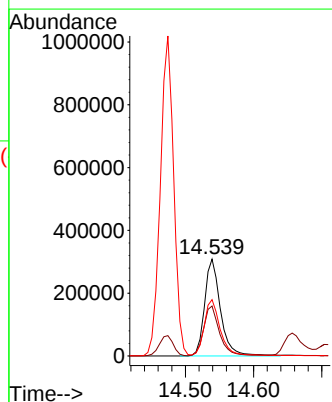
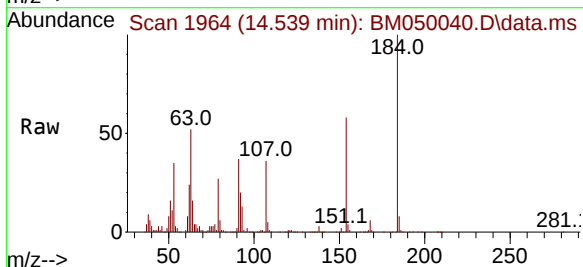
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

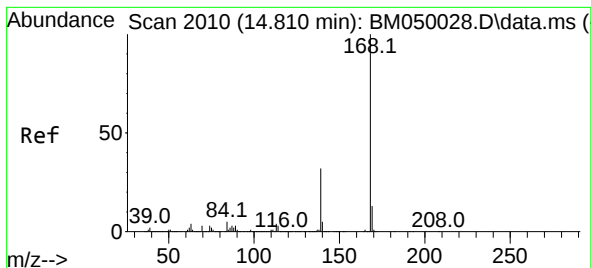
Tgt Ion:138 Resp: 188101  
Ion Ratio Lower Upper  
138 100  
108 9.9 7.4 11.2  
92 105.0 84.0 126.0



#54  
2,4-Dinitrophenol  
Concen: 84.598 ng  
RT: 14.539 min Scan# 1964  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:184 Resp: 500295  
Ion Ratio Lower Upper  
184 100  
63 51.5 39.8 59.6  
154 58.2 46.1 69.1





#55

Dibenzofuran

Concen: 41.754 ng

RT: 14.810 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA\_M

ClientSampleId :

PB167729BS

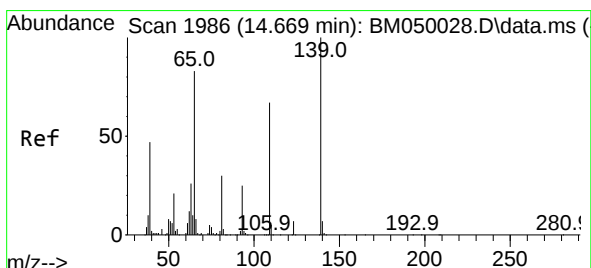
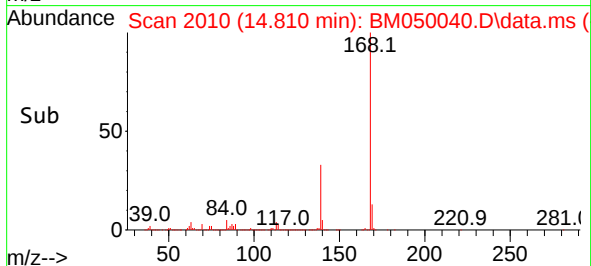
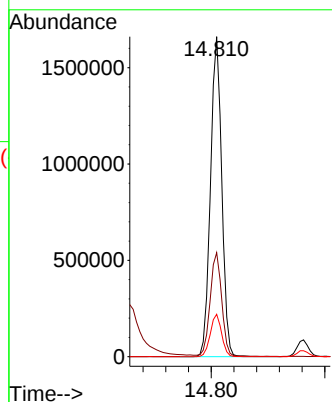
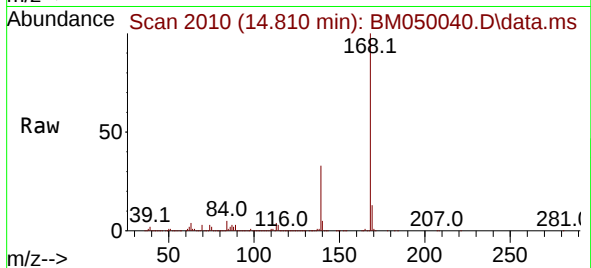
Tgt Ion:168 Resp: 2269999

Ion Ratio Lower Upper

168 100

139 32.5 26.1 39.1

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 84.586 ng

RT: 14.657 min Scan# 1984

Delta R.T. -0.012 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

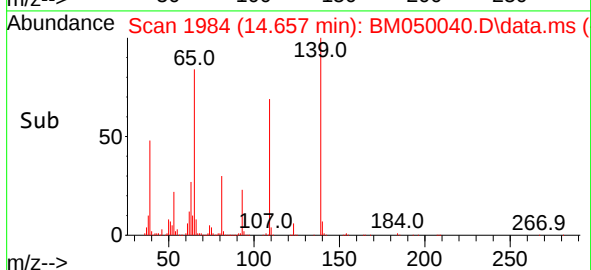
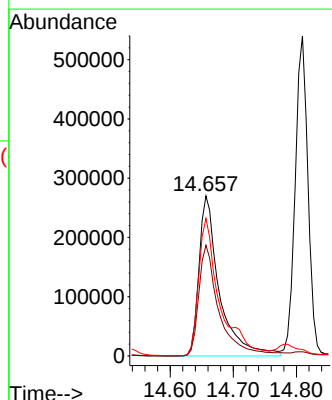
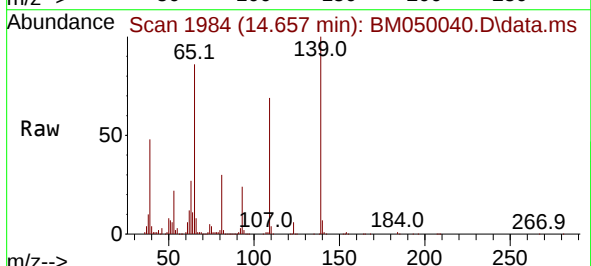
Tgt Ion:139 Resp: 606531

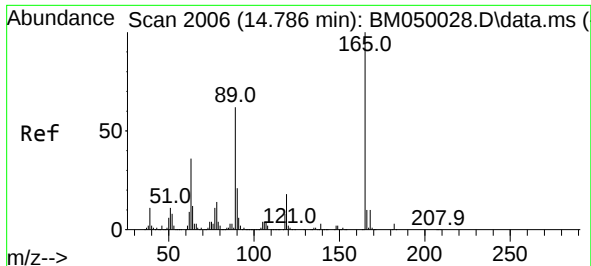
Ion Ratio Lower Upper

139 100

109 69.2 47.0 87.0

65 85.9 64.3 104.3

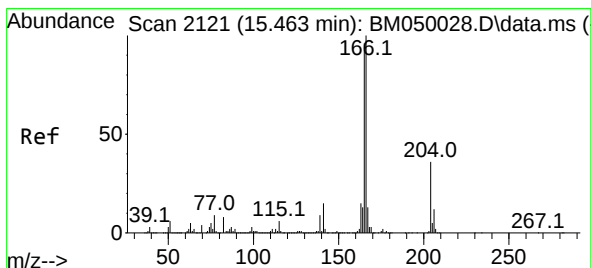
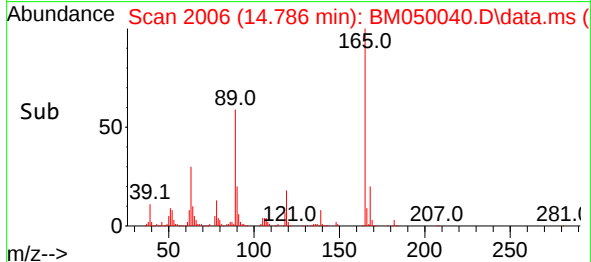
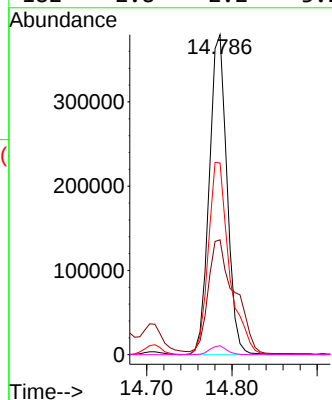
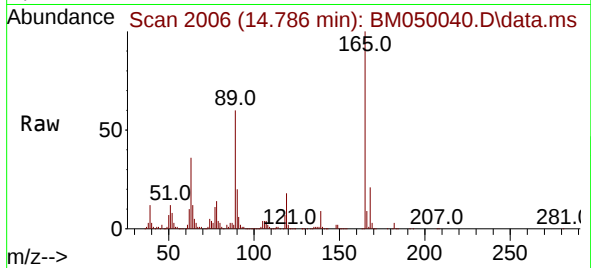




#57  
2,4-Dinitrotoluene  
Concen: 43.164 ng  
RT: 14.786 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

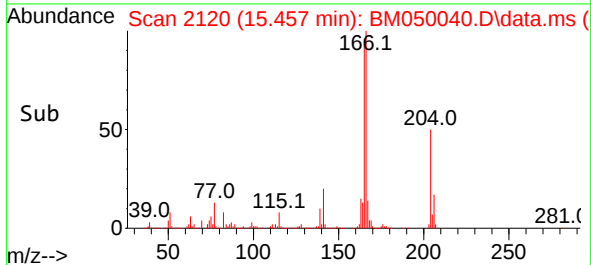
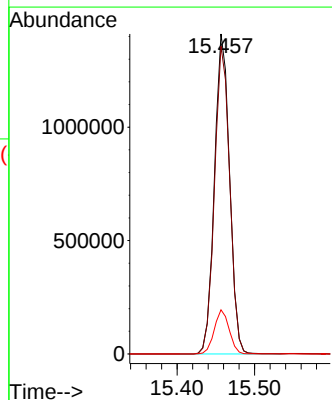
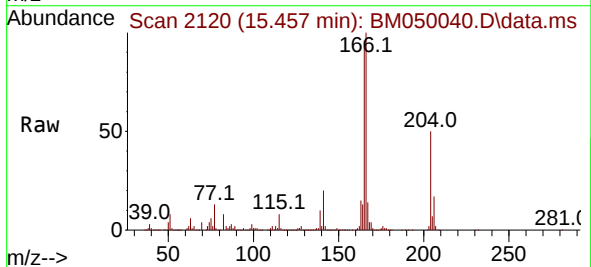
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

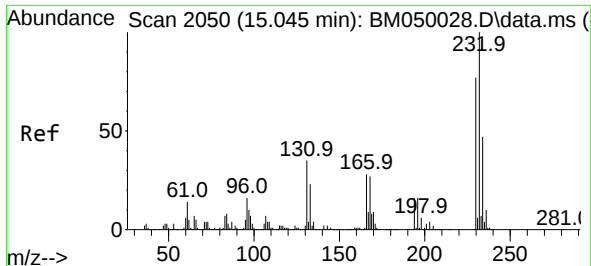
Tgt Ion:165 Resp: 548846  
Ion Ratio Lower Upper  
165 100  
63 35.9 29.0 43.6  
89 59.9 49.4 74.2  
182 2.8 2.2 3.2



#58  
Fluorene  
Concen: 42.968 ng  
RT: 15.457 min Scan# 2120  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:166 Resp: 1912078  
Ion Ratio Lower Upper  
166 100  
165 96.2 76.6 115.0  
167 13.8 10.6 16.0

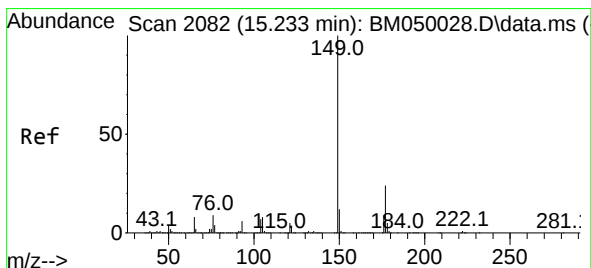
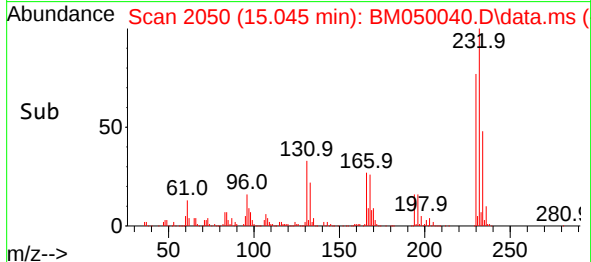
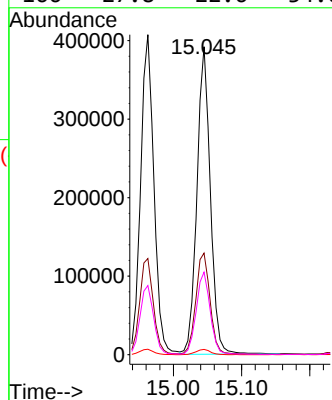
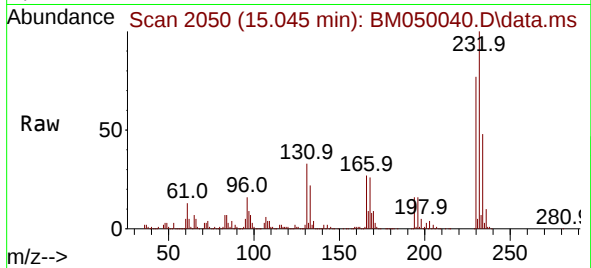




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.011 ng  
RT: 15.045 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

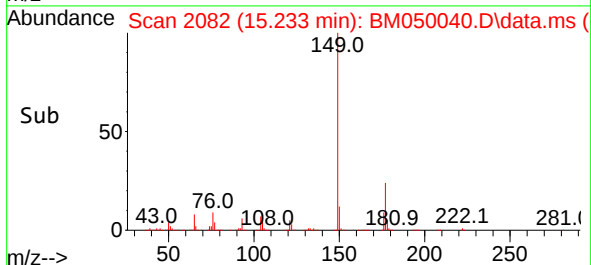
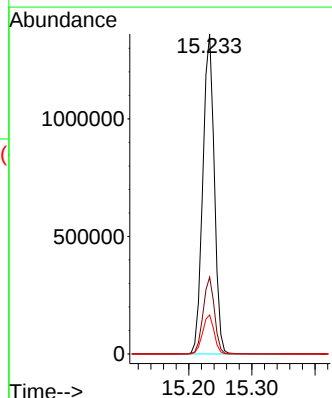
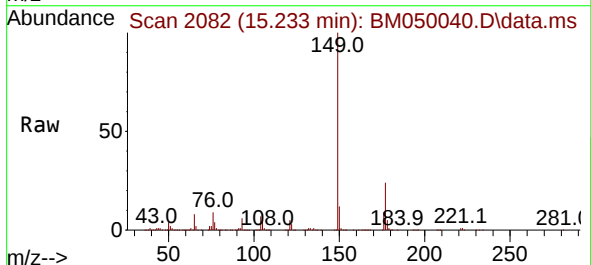
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

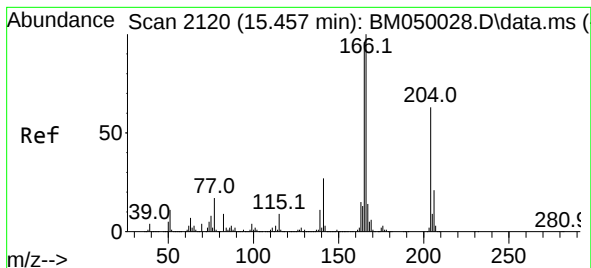
Tgt Ion:232 Resp: 536088  
Ion Ratio Lower Upper  
232 100  
131 35.0 28.2 42.4  
130 1.8 1.5 2.3  
166 27.8 22.6 34.0



#60  
Diethylphthalate  
Concen: 41.004 ng  
RT: 15.233 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:149 Resp: 1717203  
Ion Ratio Lower Upper  
149 100  
177 24.0 19.1 28.7  
150 12.2 9.6 14.4

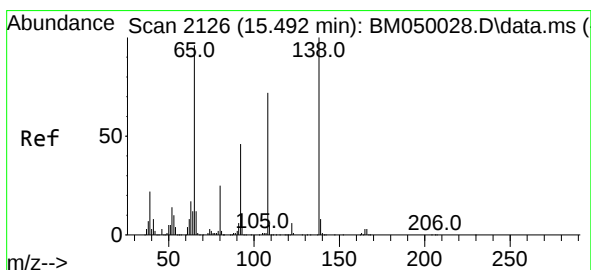
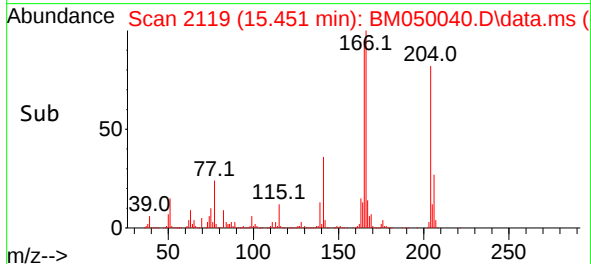
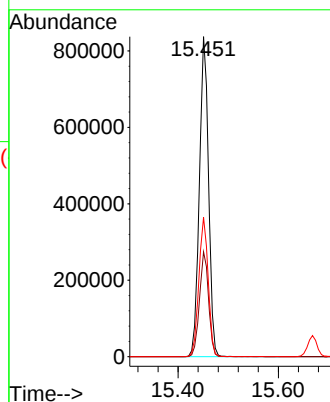
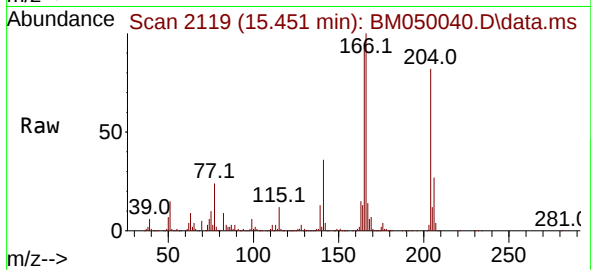




#61  
4-Chlorophenyl-phenylether  
Concen: 43.287 ng  
RT: 15.451 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

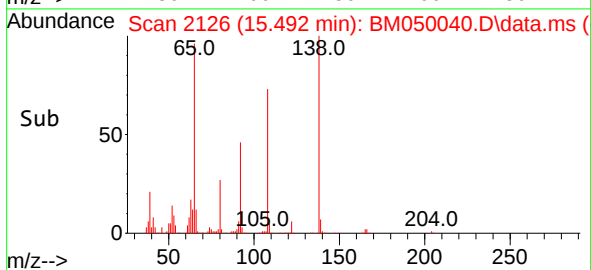
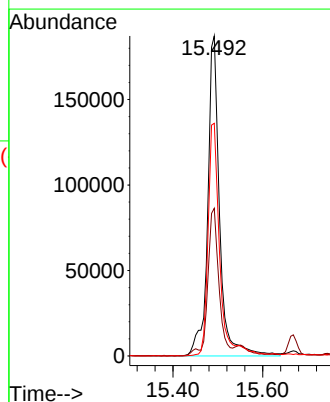
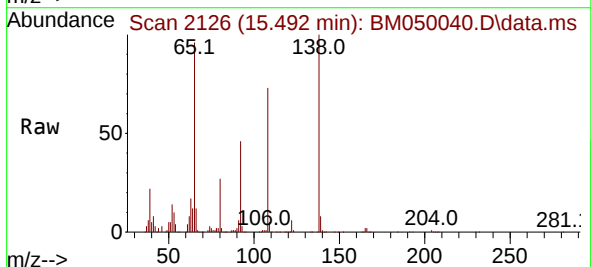
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

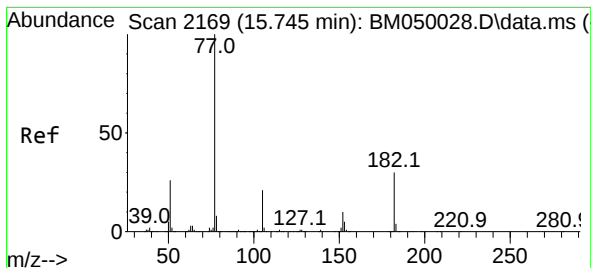
Tgt Ion:204 Resp: 1058040  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.3 39.5  
141 43.5 34.0 51.0



#62  
4-Nitroaniline  
Concen: 40.852 ng  
RT: 15.492 min Scan# 2126  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:138 Resp: 346266  
Ion Ratio Lower Upper  
138 100  
92 46.2 25.9 65.9  
108 72.7 52.4 92.4





#63

Azobenzene

Concen: 42.399 ng

RT: 15.745 min Scan# 2169

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA\_M

ClientSampleId :

PB167729BS

Tgt Ion: 77 Resp: 1488108

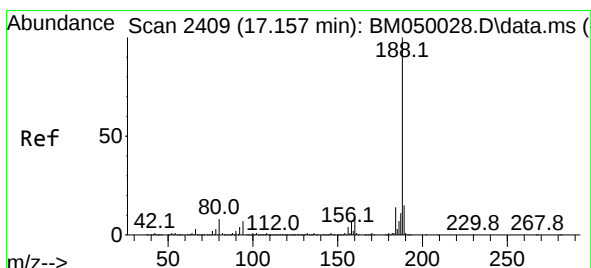
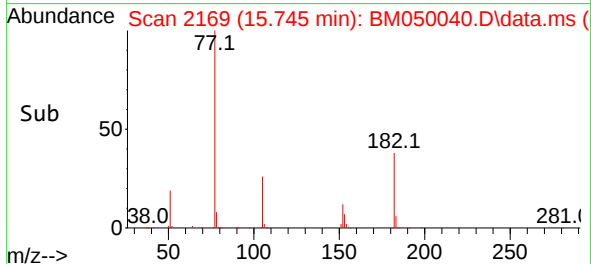
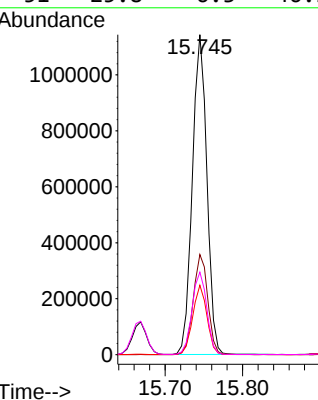
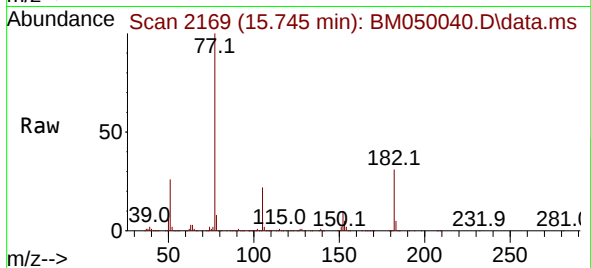
Ion Ratio Lower Upper

77 100

182 31.3 10.5 50.5

105 21.7 1.1 41.1

51 25.8 6.3 46.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.156 min Scan# 2409

Delta R.T. -0.001 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

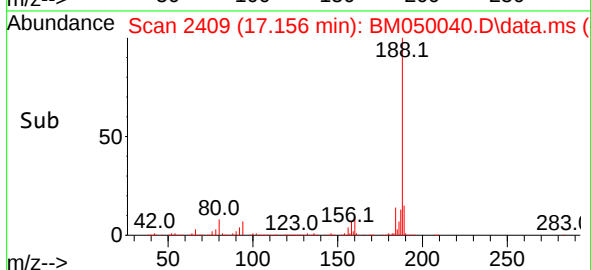
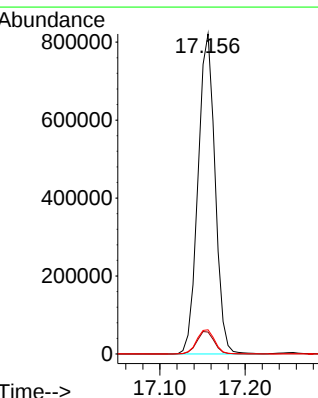
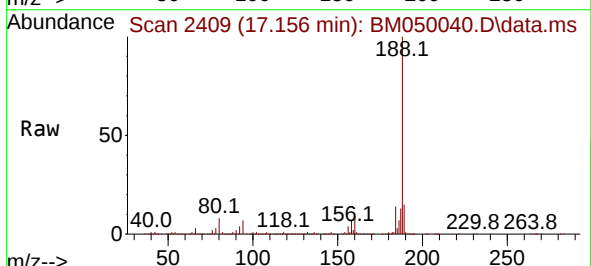
Tgt Ion: 188 Resp: 1141685

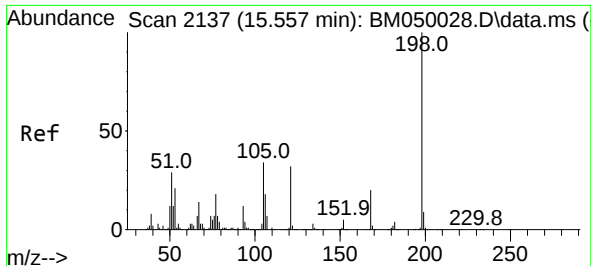
Ion Ratio Lower Upper

188 100

94 6.8 5.7 8.5

80 7.6 6.2 9.4

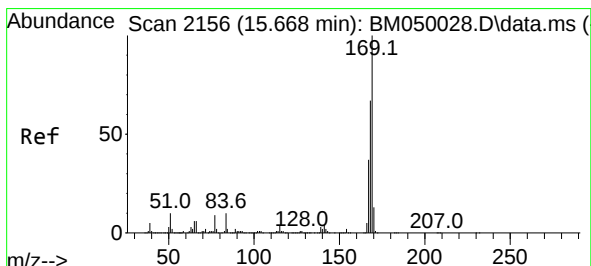
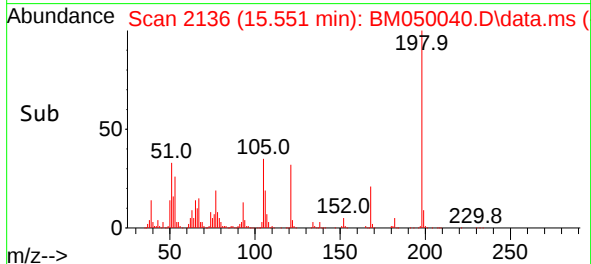
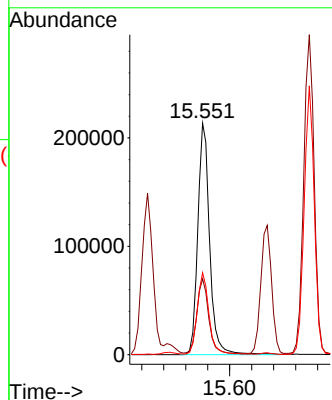
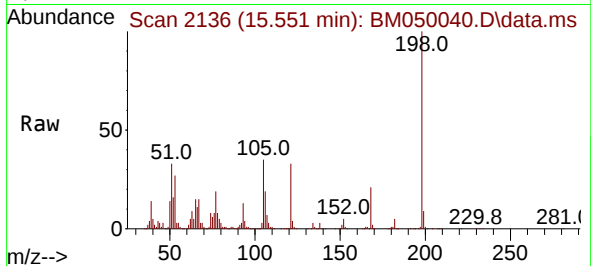




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.677 ng  
RT: 15.551 min Scan# 2136  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

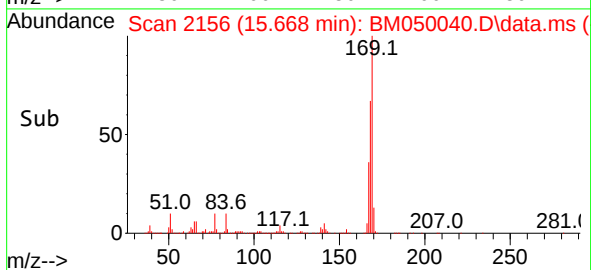
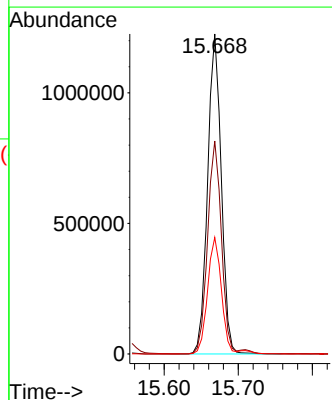
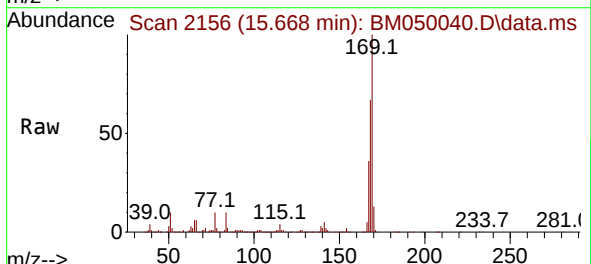
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

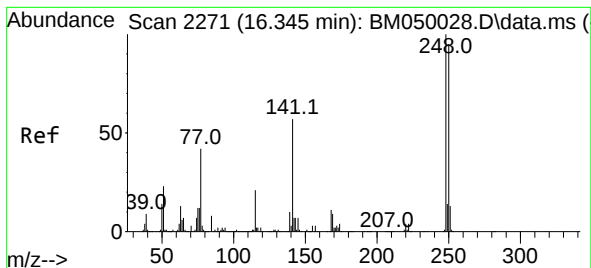
Tgt Ion:198 Resp: 319286  
Ion Ratio Lower Upper  
198 100  
51 32.8 10.4 50.4  
105 35.4 14.6 54.6



#66  
n-Nitrosodiphenylamine  
Concen: 44.726 ng  
RT: 15.668 min Scan# 2156  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:169 Resp: 1567999  
Ion Ratio Lower Upper  
169 100  
168 66.6 53.4 80.2  
167 36.4 29.4 44.0

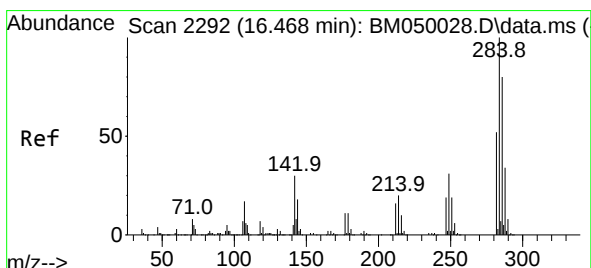
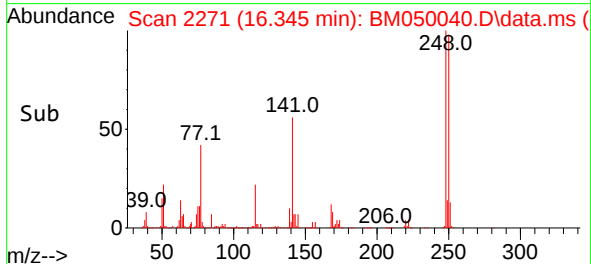
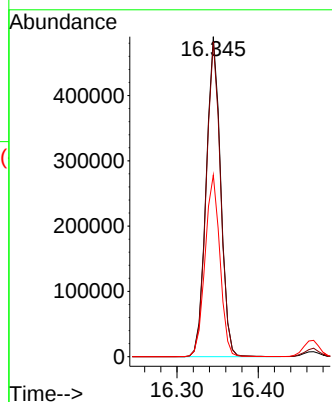
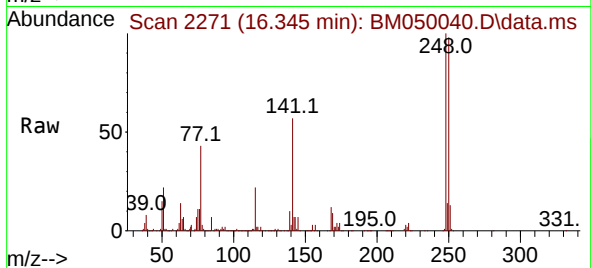




#67  
4-Bromophenyl-phenylether  
Concen: 43.769 ng  
RT: 16.345 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

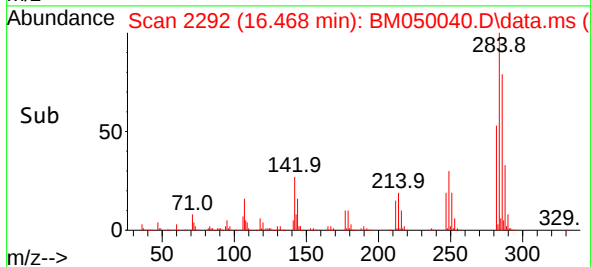
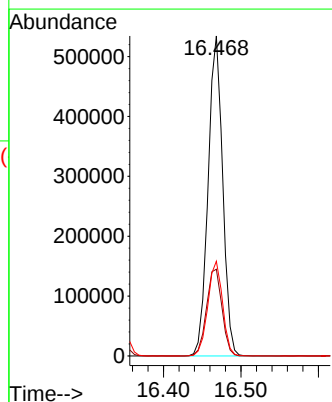
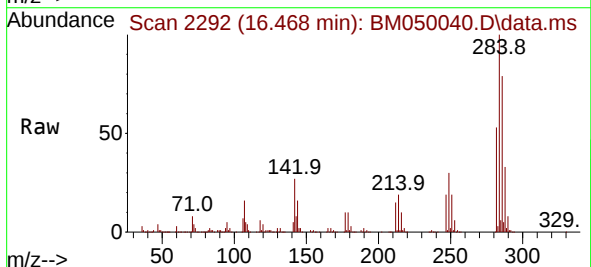
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

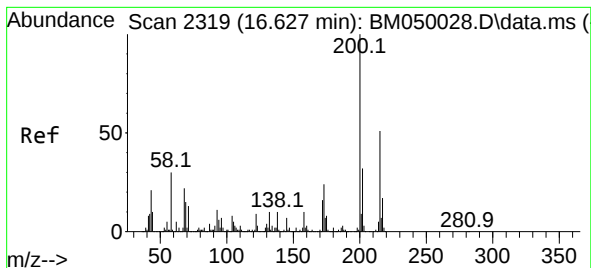
Tgt Ion:248 Resp: 604278  
Ion Ratio Lower Upper  
248 100  
250 98.4 76.2 114.2  
141 56.7 45.9 68.9



#68  
Hexachlorobenzene  
Concen: 43.801 ng  
RT: 16.468 min Scan# 2292  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:284 Resp: 697068  
Ion Ratio Lower Upper  
284 100  
142 27.1 23.9 35.9  
249 29.6 24.5 36.7





#69

Atrazine

Concen: 43.054 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA\_M

ClientSampleId :

PB167729BS

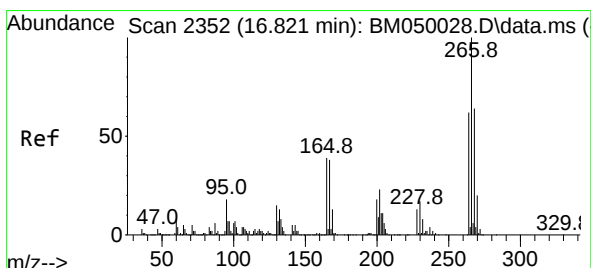
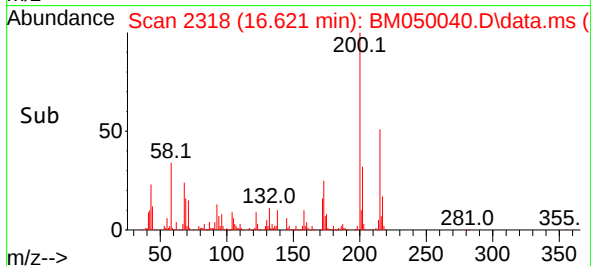
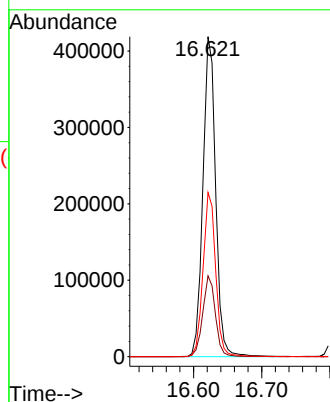
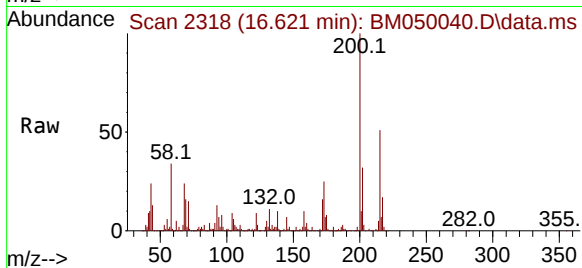
Tgt Ion:200 Resp: 544460

Ion Ratio Lower Upper

200 100

173 25.2 4.3 44.3

215 51.3 30.6 70.6



#70

Pentachlorophenol

Concen: 100.762 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

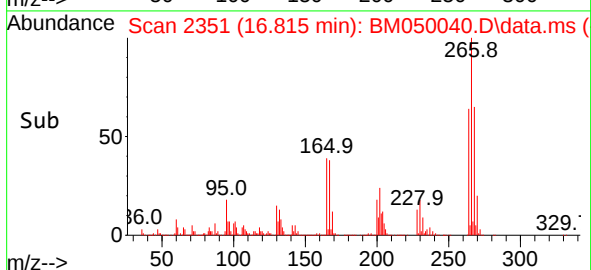
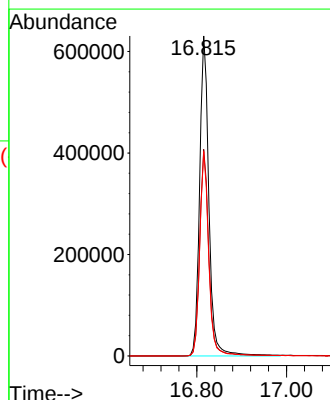
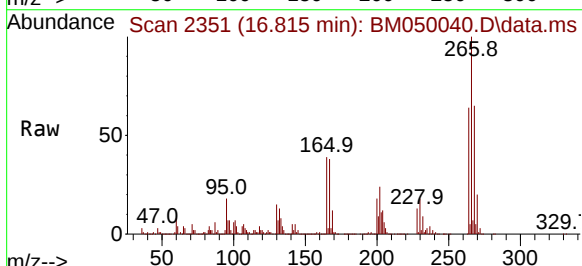
Tgt Ion:266 Resp: 902632

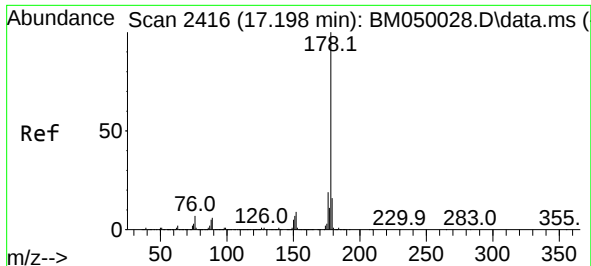
Ion Ratio Lower Upper

266 100

268 64.5 51.2 76.8

264 63.9 49.6 74.4

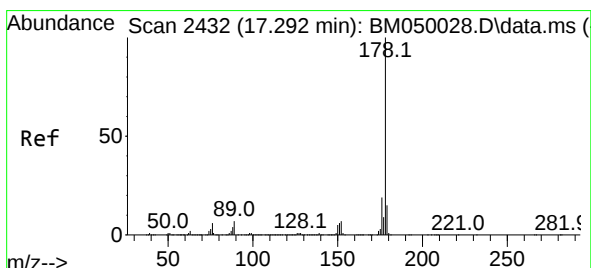
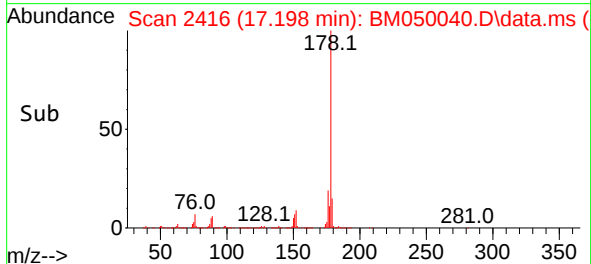
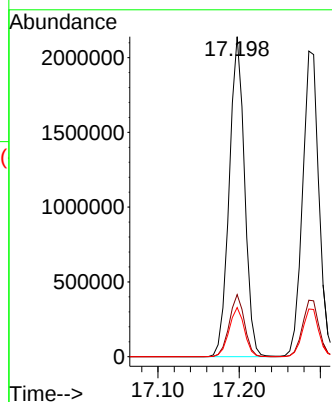
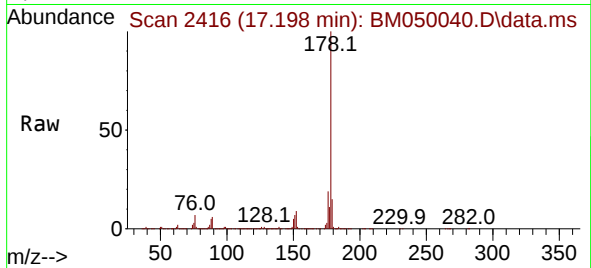




#71  
 Phenanthrene  
 Concen: 43.600 ng  
 RT: 17.198 min Scan# 2416  
 Delta R.T. -0.000 min  
 Lab File: BM050040.D  
 Acq: 29 Apr 2025 12:58

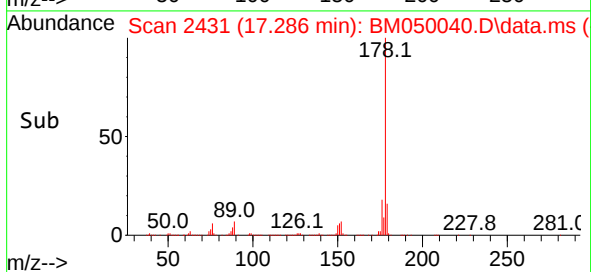
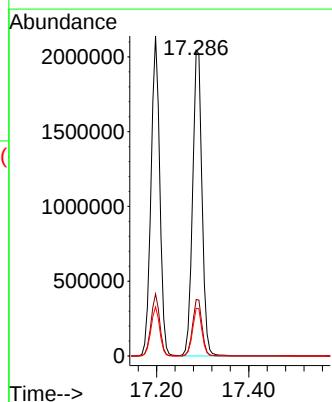
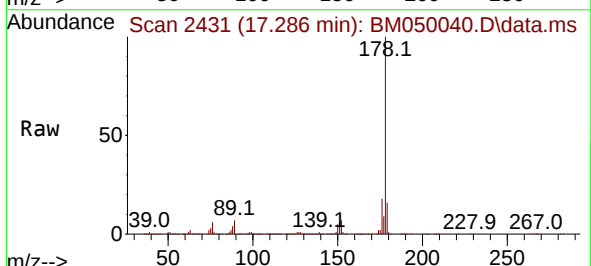
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB167729BS

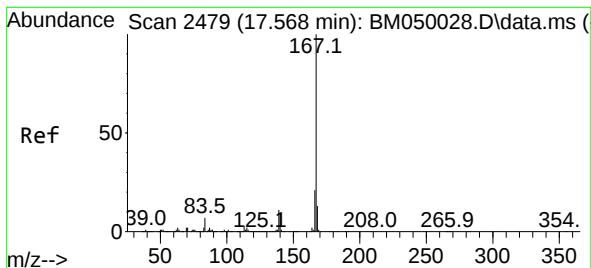
Tgt Ion:178 Resp: 2807497  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 15.3 22.9  
 179 15.4 12.4 18.6



#72  
 Anthracene  
 Concen: 44.205 ng  
 RT: 17.286 min Scan# 2431  
 Delta R.T. -0.006 min  
 Lab File: BM050040.D  
 Acq: 29 Apr 2025 12:58

Tgt Ion:178 Resp: 2880577  
 Ion Ratio Lower Upper  
 178 100  
 176 18.5 15.0 22.4  
 179 15.6 12.2 18.4





#73

Carbazole

Concen: 43.075 ng

RT: 17.562 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA\_M

ClientSampleId :

PB167729BS

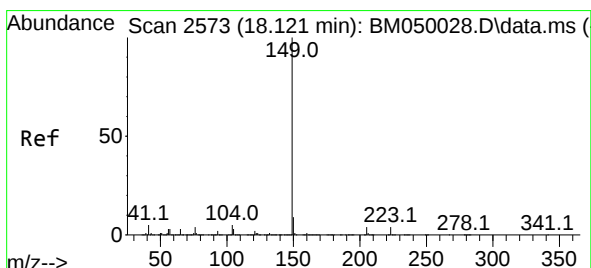
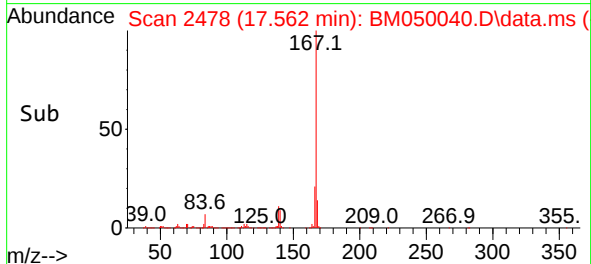
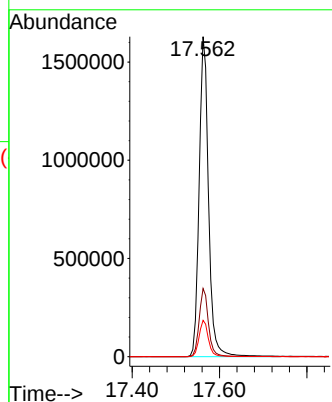
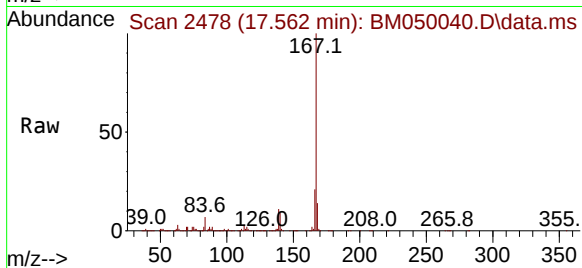
Tgt Ion:167 Resp: 2435722

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 11.4 9.0 13.6



#74

Di-n-butylphthalate

Concen: 42.058 ng

RT: 18.121 min Scan# 2573

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

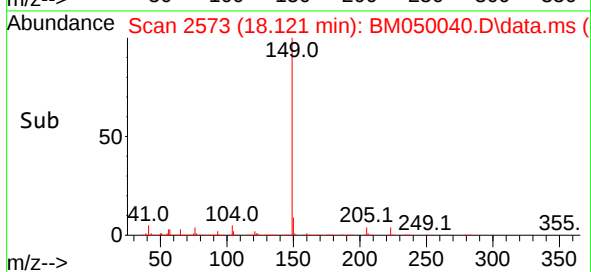
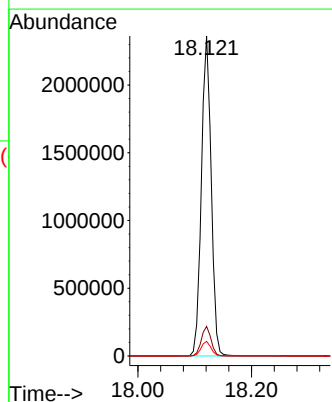
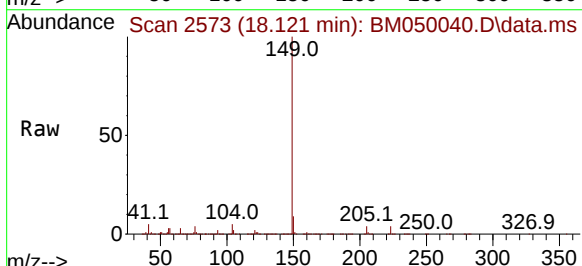
Tgt Ion:149 Resp: 2832214

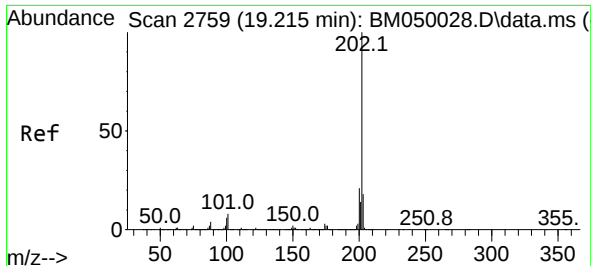
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.5 3.8 5.6

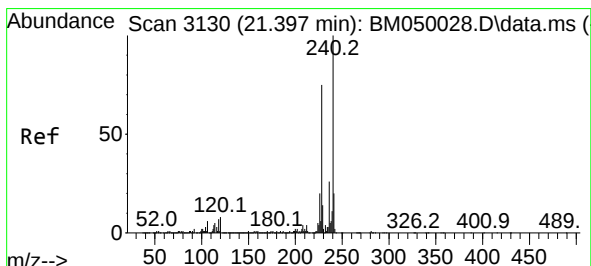
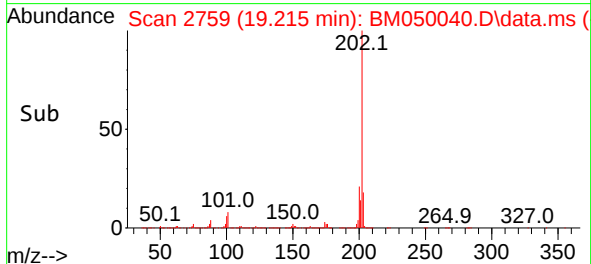
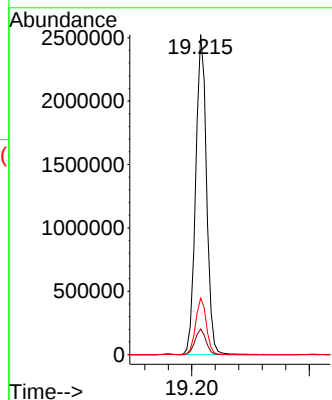
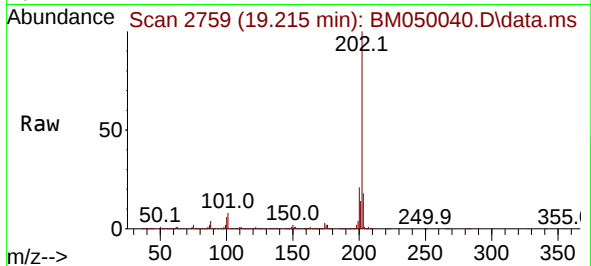




#75  
Fluoranthene  
Concen: 42.674 ng  
RT: 19.215 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

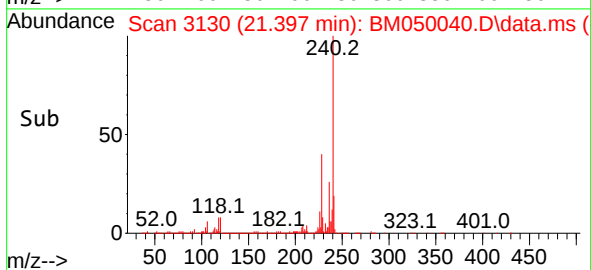
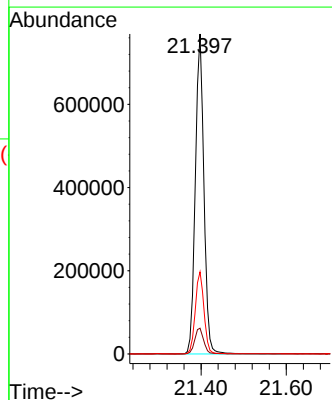
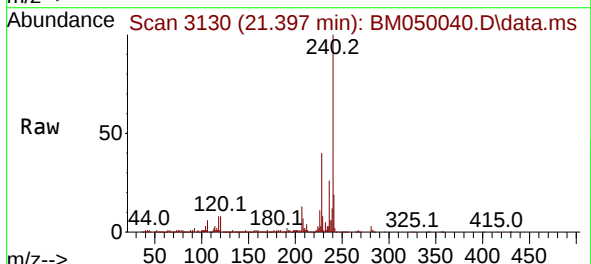
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

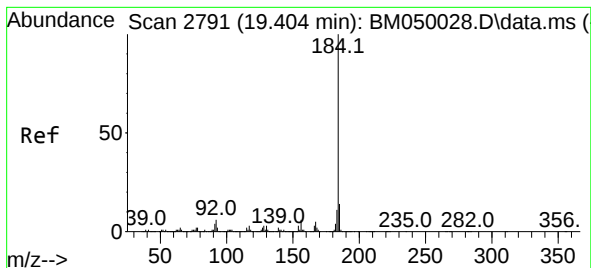
Tgt Ion:202 Resp: 3226174  
Ion Ratio Lower Upper  
202 100  
101 8.0 0.0 28.0  
203 17.6 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.397 min Scan# 3130  
Delta R.T. 0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:240 Resp: 1074284  
Ion Ratio Lower Upper  
240 100  
120 8.0 6.5 9.7  
236 25.7 20.9 31.3





#77

Benzidine

Concen: 28.684 ng

RT: 19.409 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA\_M

ClientSampleId :

PB167729BS

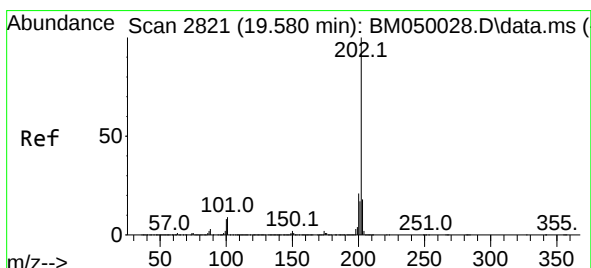
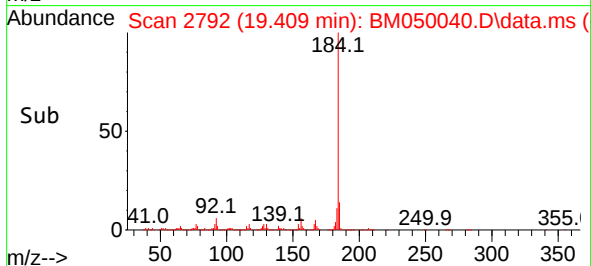
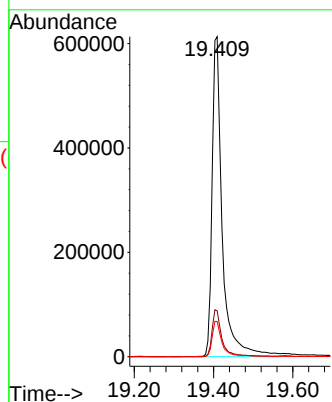
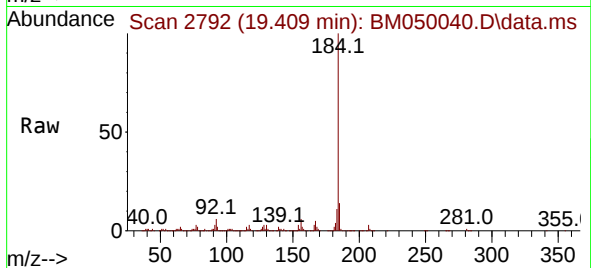
Tgt Ion:184 Resp: 1094565

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.0 8.9 13.3



#78

Pyrene

Concen: 43.987 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

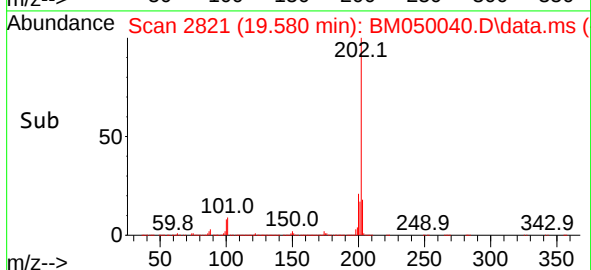
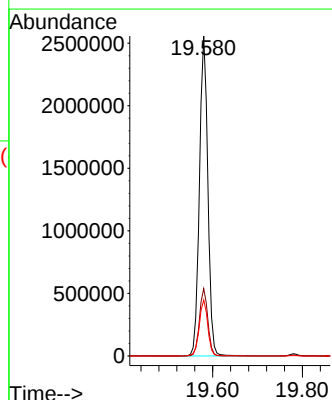
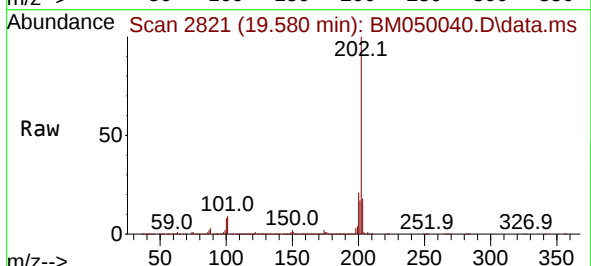
Tgt Ion:202 Resp: 3318333

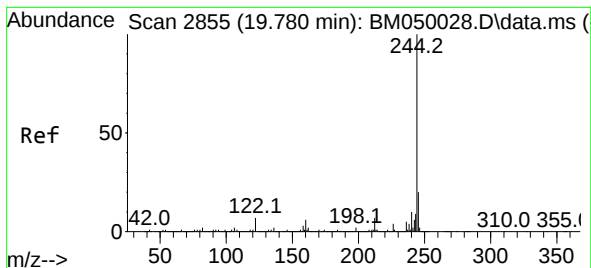
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 83.043 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA\_M

ClientSampleId :

PB167729BS

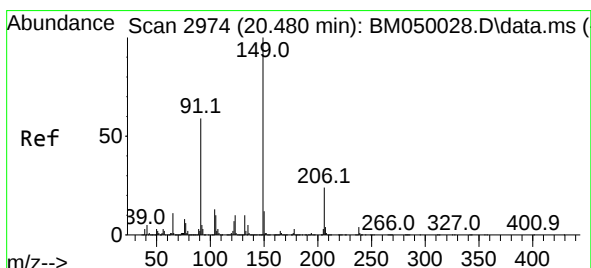
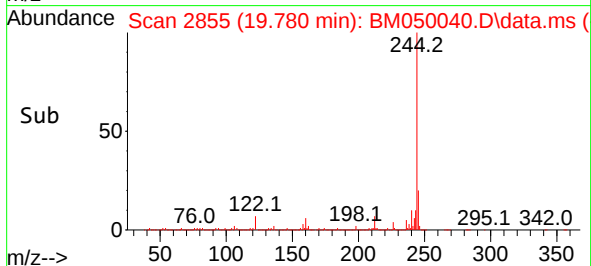
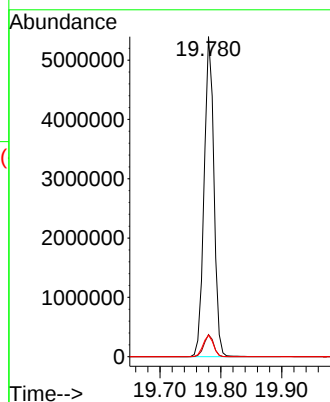
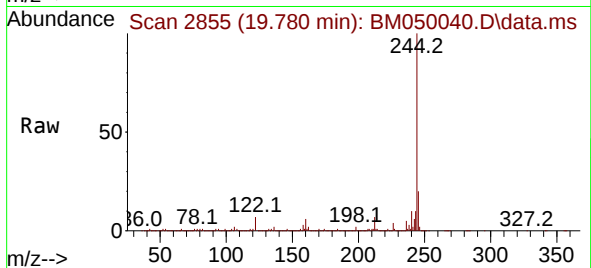
Tgt Ion:244 Resp: 6028843

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 6.7 5.6 8.4



#80

Butylbenzylphthalate

Concen: 42.496 ng

RT: 20.474 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

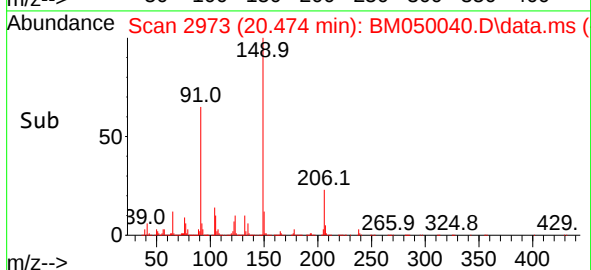
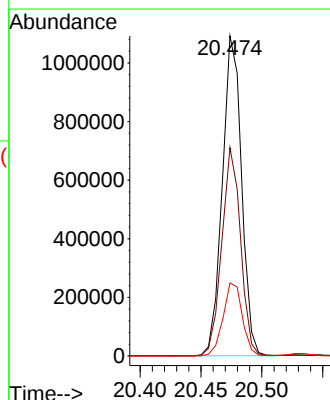
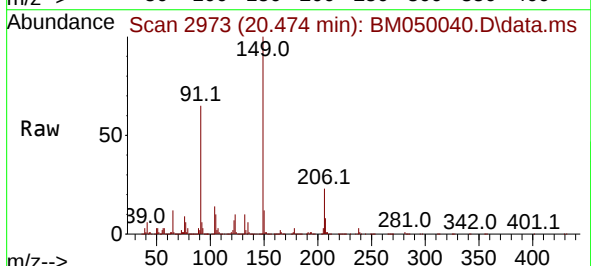
Tgt Ion:149 Resp: 1200717

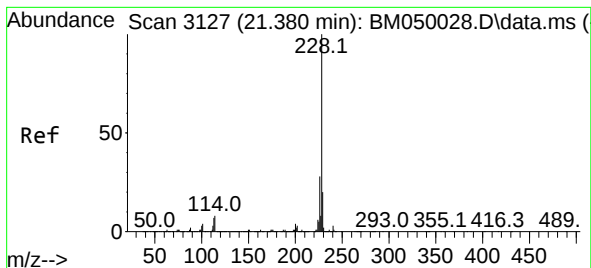
Ion Ratio Lower Upper

149 100

91 65.1 47.4 71.2

206 22.8 19.4 29.0





#81

Benzo(a)anthracene

Concen: 44.214 ng

RT: 21.380 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA\_M

ClientSampleId :

PB167729BS

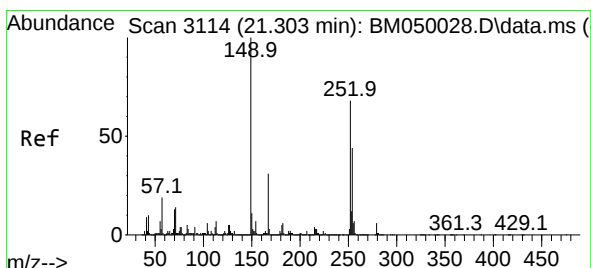
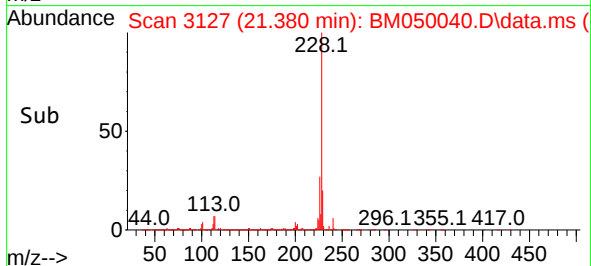
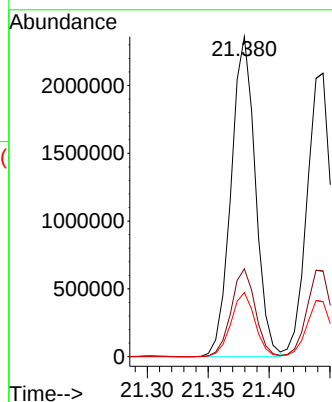
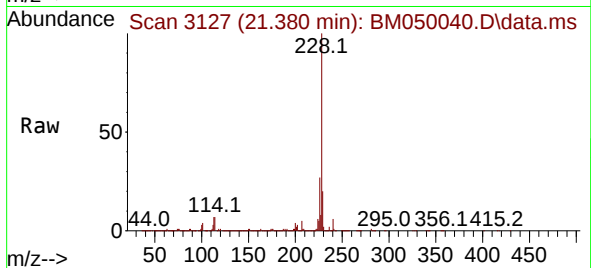
Tgt Ion:228 Resp: 3270859

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 20.570 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

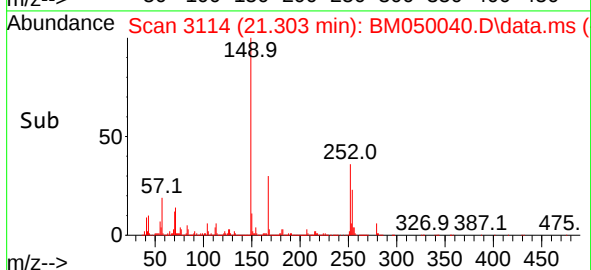
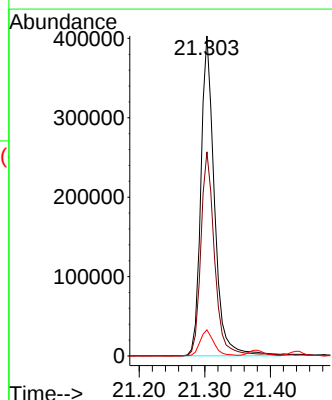
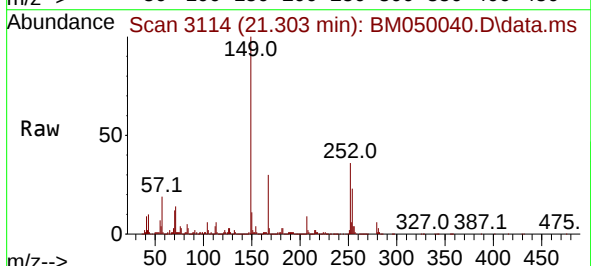
Tgt Ion:252 Resp: 582534

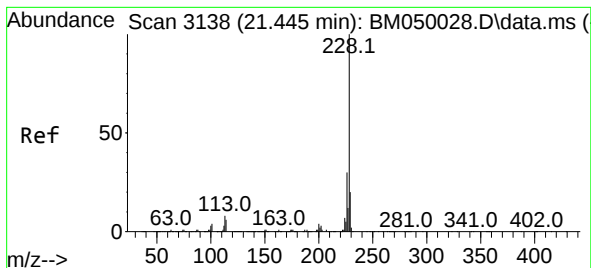
Ion Ratio Lower Upper

252 100

254 63.8 51.8 77.6

126 8.2 6.0 9.0





#83

Chrysene

Concen: 43.628 ng

RT: 21.444 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA\_M

ClientSampleId :

PB167729BS

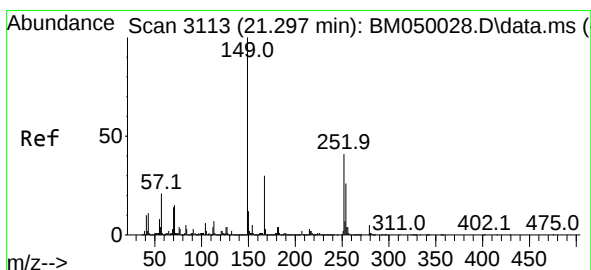
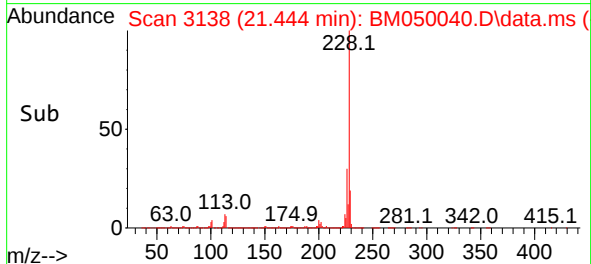
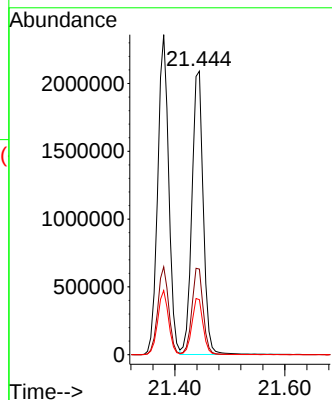
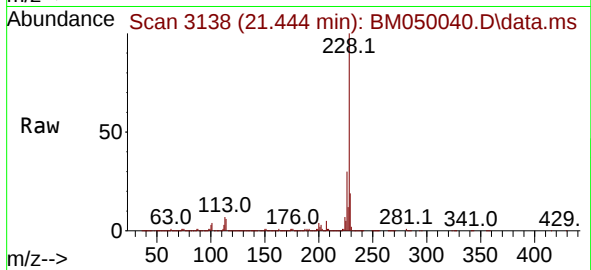
Tgt Ion:228 Resp: 2987144

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.954 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

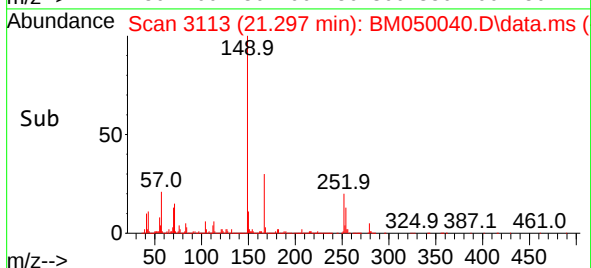
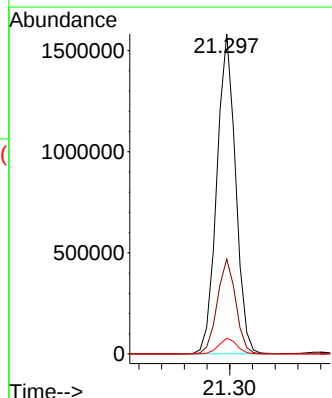
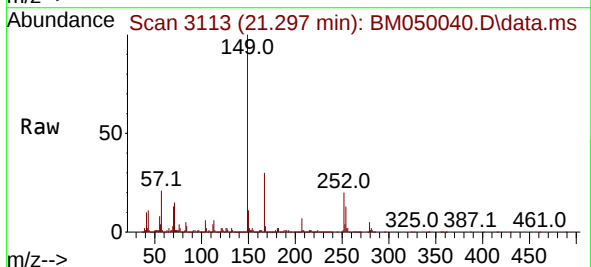
Tgt Ion:149 Resp: 1812796

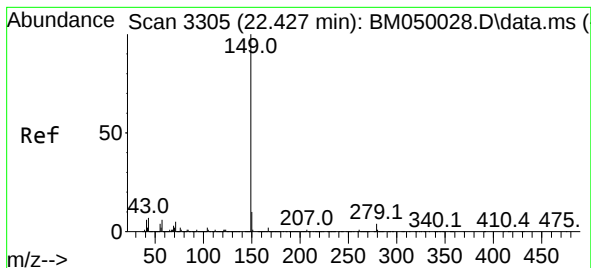
Ion Ratio Lower Upper

149 100

167 29.6 24.1 36.1

279 4.9 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 43.017 ng

RT: 22.427 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA\_M

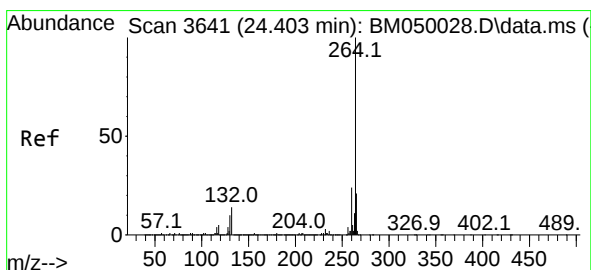
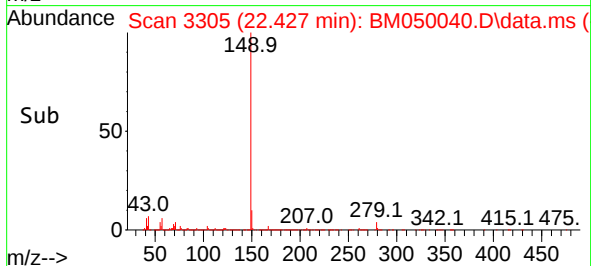
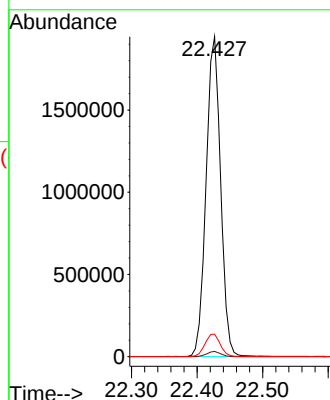
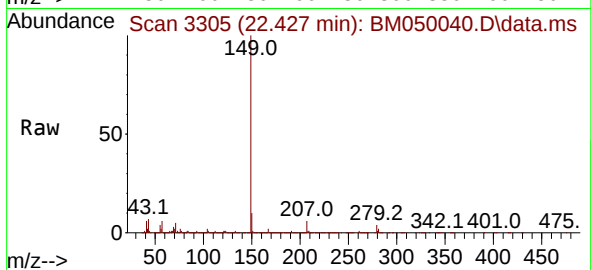
ClientSampleId :

PB167729BS

Tgt Ion:149 Resp: 2993996

Ion Ratio Lower Upper

|     |     |     |     |
|-----|-----|-----|-----|
| 149 | 100 |     |     |
| 167 | 1.6 | 1.3 | 1.9 |
| 43  | 7.4 | 5.8 | 8.8 |



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.397 min Scan# 3640

Delta R.T. -0.006 min

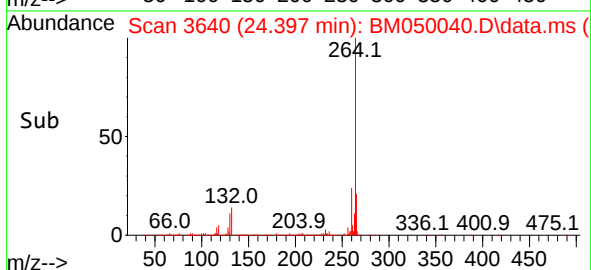
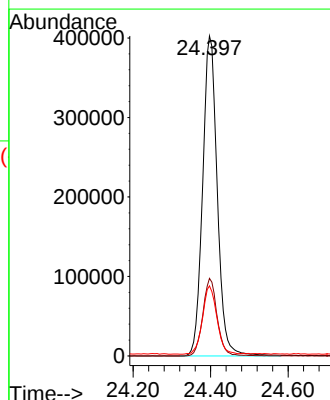
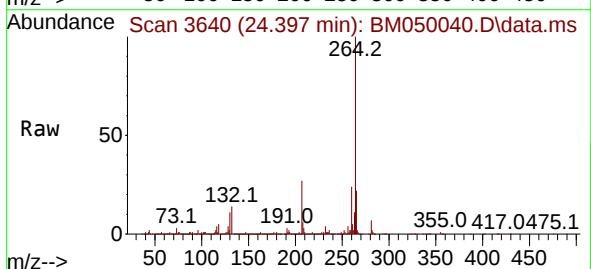
Lab File: BM050040.D

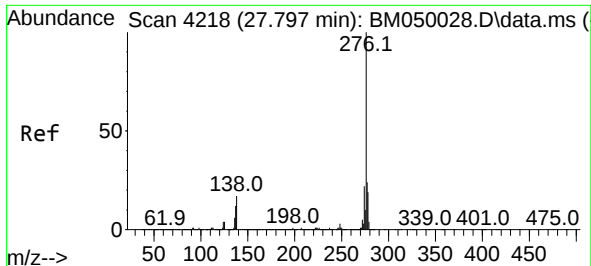
Acq: 29 Apr 2025 12:58

Tgt Ion:264 Resp: 1054033

Ion Ratio Lower Upper

|     |      |      |      |
|-----|------|------|------|
| 264 | 100  |      |      |
| 260 | 24.3 | 18.8 | 28.2 |
| 265 | 21.9 | 17.0 | 25.4 |

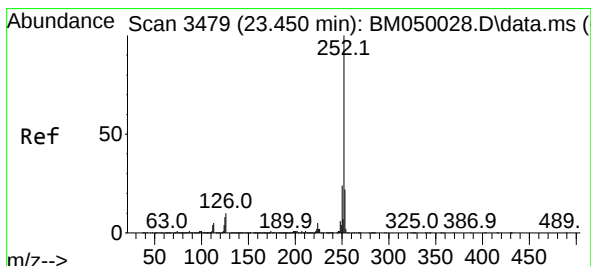
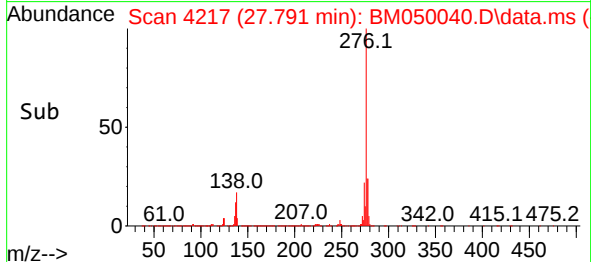
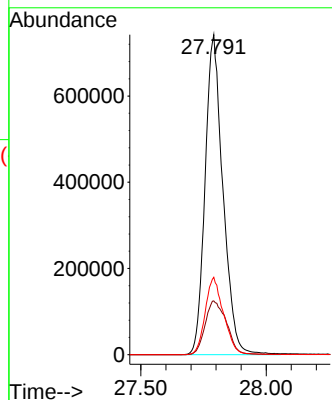
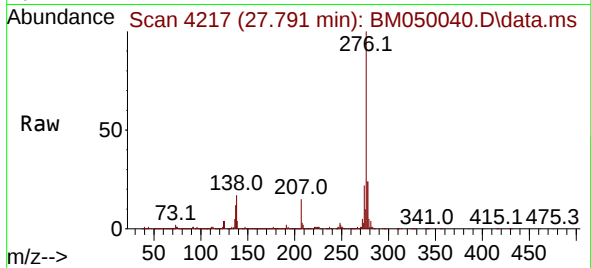




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.751 ng  
 RT: 27.791 min Scan# 4217  
 Delta R.T. -0.006 min  
 Lab File: BM050040.D  
 Acq: 29 Apr 2025 12:58

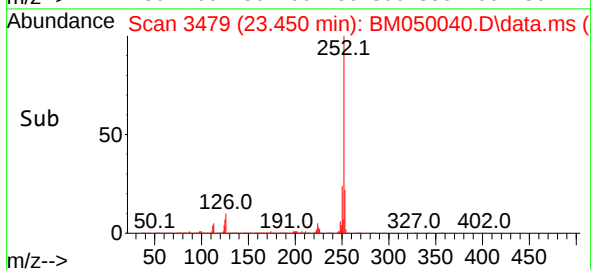
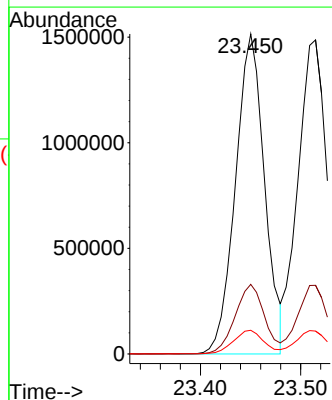
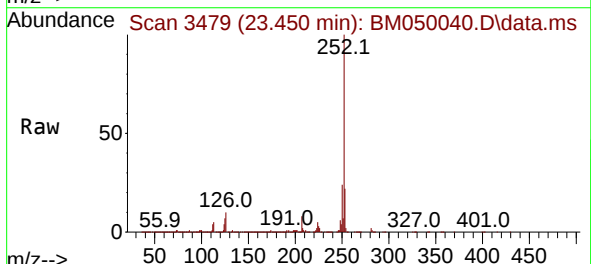
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB167729BS

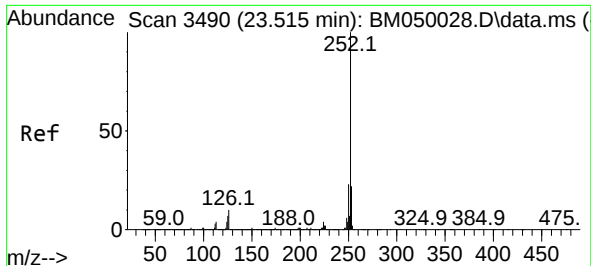
Tgt Ion:276 Resp: 3671724  
 Ion Ratio Lower Upper  
 276 100  
 138 20.2 16.4 24.6  
 277 24.9 19.8 29.8



#88  
 Benzo(b)fluoranthene  
 Concen: 44.521 ng  
 RT: 23.450 min Scan# 3479  
 Delta R.T. -0.000 min  
 Lab File: BM050040.D  
 Acq: 29 Apr 2025 12:58

Tgt Ion:252 Resp: 3051800  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.7 26.5  
 125 7.4 6.1 9.1

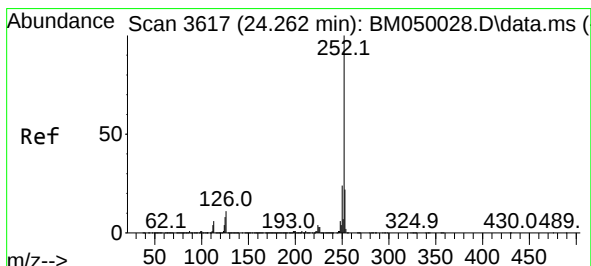
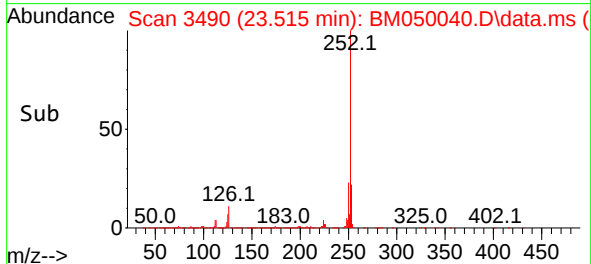
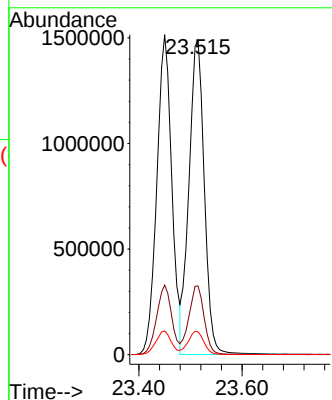
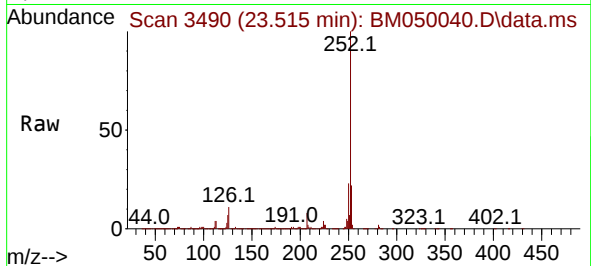




#89  
Benzo(k)fluoranthene  
Concen: 44.305 ng  
RT: 23.515 min Scan# 3490  
Delta R.T. -0.000 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

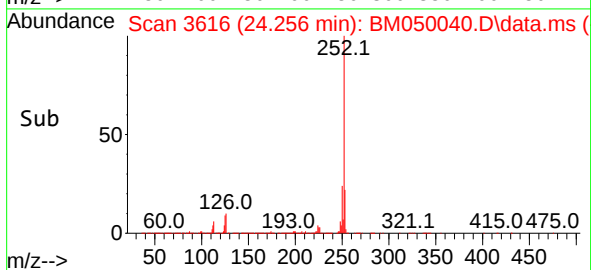
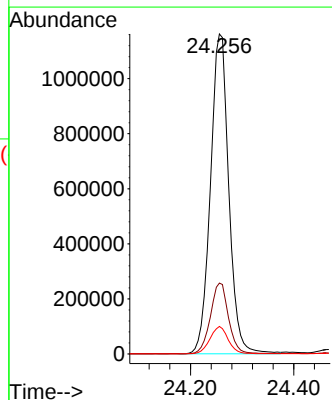
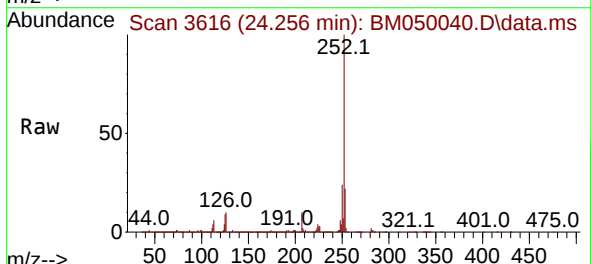
Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

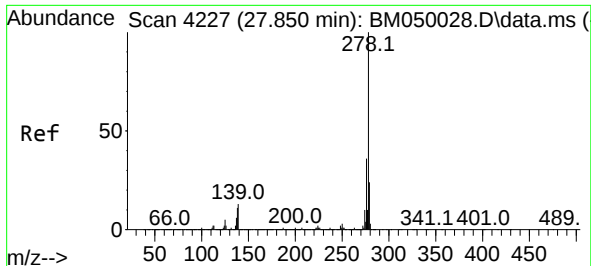
Tgt Ion:252 Resp: 3072007  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.2  
125 7.3 5.8 8.8



#90  
Benzo(a)pyrene  
Concen: 44.562 ng  
RT: 24.256 min Scan# 3616  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:252 Resp: 2860922  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.0  
125 8.6 6.6 9.8

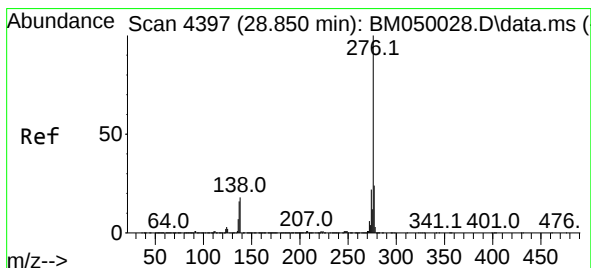
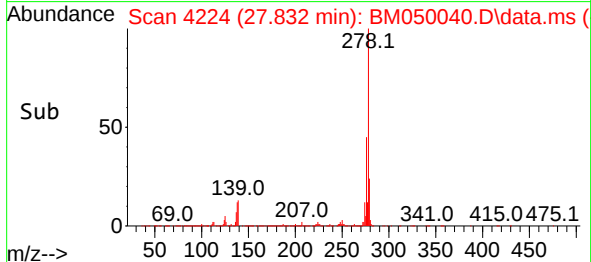
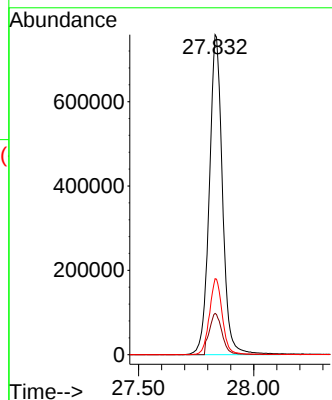
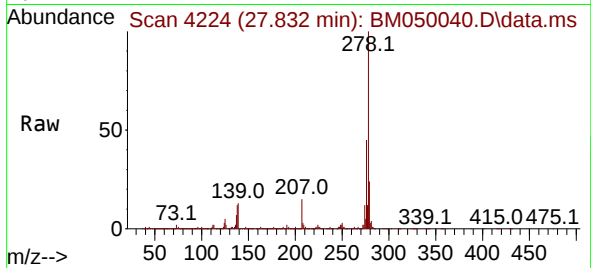




#91  
Dibenzo(a,h)anthracene  
Concen: 47.076 ng  
RT: 27.832 min Scan# 41  
Delta R.T. -0.018 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Instrument :  
BNA\_M  
ClientSampleId :  
PB167729BS

Tgt Ion:278 Resp: 3013923  
Ion Ratio Lower Upper  
278 100  
139 12.9 10.5 15.7  
279 23.8 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 46.543 ng  
RT: 28.844 min Scan# 4396  
Delta R.T. -0.006 min  
Lab File: BM050040.D  
Acq: 29 Apr 2025 12:58

Tgt Ion:276 Resp: 2852758  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.1 28.7  
138 17.4 14.3 21.5

