

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060925\  
 Data File : BM050241.D  
 Acq On : 09 Jun 2025 14:08  
 Operator : RC/JU  
 Sample : Q2125-08MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 09 15:08:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 09 11:54:38 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.769  | 152  | 289351   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.557 | 136  | 1143577  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.398 | 164  | 672610   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.139 | 188  | 1263274  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.368 | 240  | 1232808  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.344 | 264  | 1346663  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.351  | 112  | 1255227  | 72.365  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.928  | 99   | 1051650  | 46.056  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.916  | 82   | 1998828  | 90.904  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.886 | 330  | 1206681  | 157.727 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.027 | 172  | 4225084  | 85.044  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.768 | 244  | 6013290  | 92.434  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.275  | 88   | 142755   | 18.775  | ng    | 98       |
| 3) Pyridine                   | 3.669  | 79   | 347991   | 17.673  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.575  | 42   | 86452    | 21.233  | ng    | # 96     |
| 6) Aniline                    | 7.093  | 93   | 733032   | 24.284  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.334  | 128  | 807950   | 42.347  | ng    | 99       |
| 9) Benzaldehyde               | 6.904  | 77   | 516304   | 35.564  | ng    | 98       |
| 10) Phenol                    | 6.957  | 94   | 393327   | 16.280  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.193  | 93   | 943092   | 48.531  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.657  | 146  | 926381   | 43.431  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.798  | 146  | 959761   | 43.247  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.116  | 146  | 936149   | 44.249  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.998  | 79   | 547664   | 33.628  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.292  | 45   | 665085   | 49.268  | ng    | 99       |
| 17) 2-Methylphenol            | 8.204  | 107  | 571452   | 35.848  | ng    | 99       |
| 18) Hexachloroethane          | 8.845  | 117  | 448949   | 55.861  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.569  | 70   | 700907   | 50.161  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.528  | 107  | 677186   | 31.752  | ng    | 97       |
| 22) Acetophenone              | 8.581  | 105  | 1570871  | 54.983  | ng    | # 97     |
| 24) Nitrobenzene              | 8.957  | 77   | 1007723  | 50.391  | ng    | 99       |
| 25) Isophorone                | 9.486  | 82   | 1951003  | 51.408  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.669  | 139  | 465171   | 53.887  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.734  | 122  | 833101   | 46.970  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 9.969  | 93   | 1261615  | 50.886  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.198 | 162  | 823441   | 50.169  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.416 | 180  | 886464   | 48.534  | ng    | 99       |
| 31) Naphthalene               | 10.604 | 128  | 3489029  | 59.011  | ng    | 99       |
| 32) Benzoic acid              | 9.810  | 122  | 180703   | 16.211  | ng    | 89       |
| 33) 4-Chloroaniline           | 10.704 | 127  | 680776   | 27.007  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.904 | 225  | 529682   | 48.755  | ng    | 99       |
| 35) Caprolactam               | 11.486 | 113  | 54718    | 10.515  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 11.833 | 107  | 831853   | 47.496  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.222 | 142  | 6126319  | 171.755 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.439 | 142  | 5031667  | 132.909 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.592 | 216  | 982068   | 50.564  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.580 | 237  | 1103973  | 93.595  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.827 | 196  | 672731   | 52.671  | ng    | 100      |

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 QLast Update : Mon Jun 09 11:54:38 2025  
 Response via : Initial Calibration

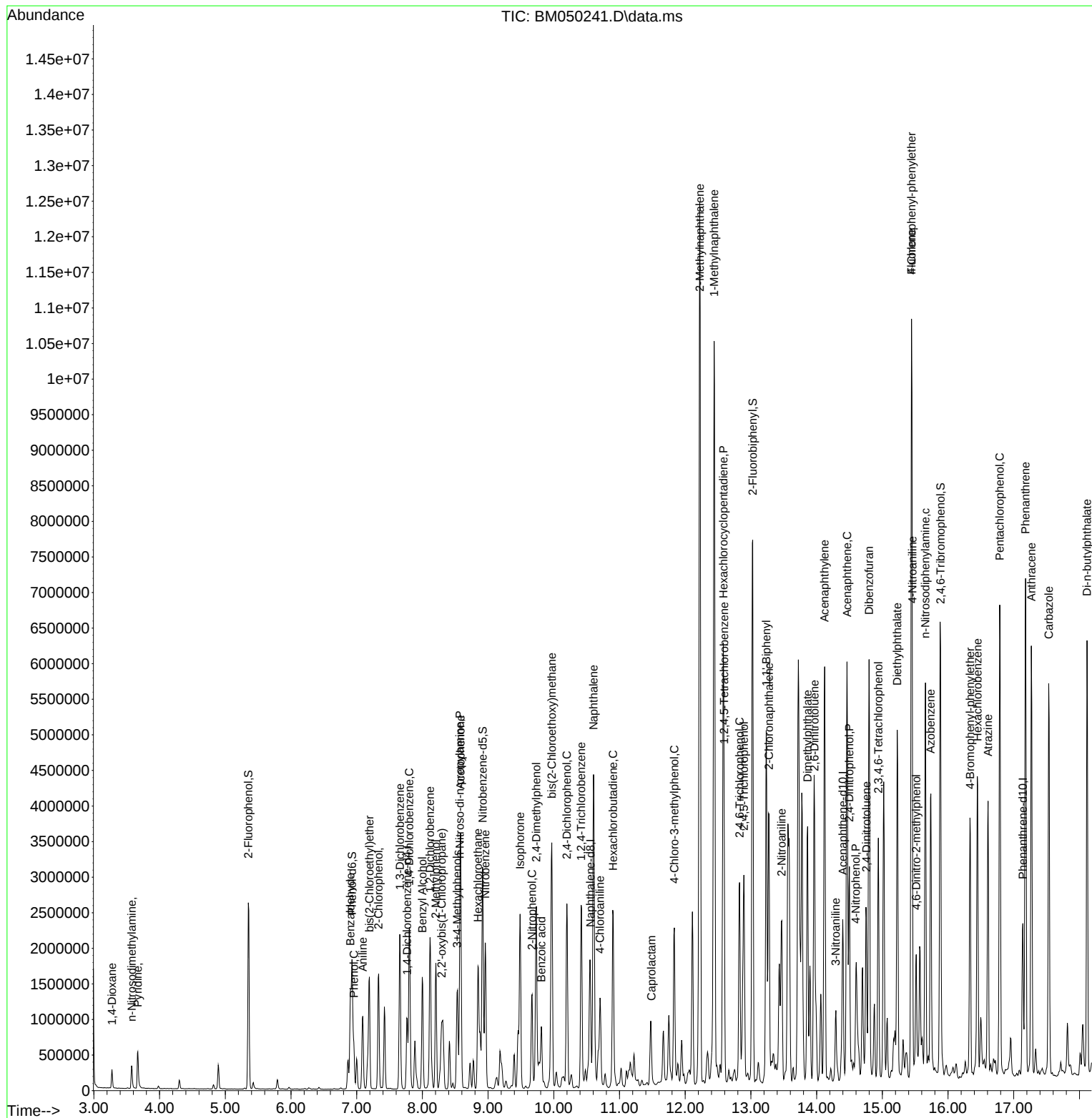
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.892 | 196  | 732097   | 52.205  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.233 | 154  | 2582829  | 51.283  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.275 | 162  | 1970253  | 50.319  | ng    | 100      |
| 48) 2-Nitroaniline            | 13.469 | 65   | 506865   | 58.824  | ng    | 98       |
| 49) Acenaphthylene            | 14.121 | 152  | 3219411  | 50.835  | ng    | 98       |
| 50) Dimethylphthalate         | 13.863 | 163  | 2420352  | 53.208  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.969 | 165  | 492752   | 53.715  | ng    | 92       |
| 52) Acenaphthene              | 14.463 | 154  | 2091043  | 52.788  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.292 | 138  | 278218   | 27.212  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.498 | 184  | 604886   | 122.615 | ng    | 95       |
| 55) Dibenzofuran              | 14.798 | 168  | 3251696  | 56.110  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.598 | 139  | 401045   | 46.087  | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.757 | 165  | 720272   | 59.521  | ng    | # 96     |
| 58) Fluorene                  | 15.445 | 166  | 2659647  | 59.920  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.939 | 232  | 670776   | 55.286  | ng    | 99       |
| 60) Diethylphthalate          | 15.227 | 149  | 2657786  | 58.887  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.445 | 204  | 1116837  | 52.062  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.457 | 138  | 504811   | 52.681  | ng    | 97       |
| 63) Azobenzene                | 15.733 | 77   | 2343360  | 51.945  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.516 | 198  | 386478   | 56.013  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.657 | 169  | 2109439  | 53.144  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.339 | 248  | 728512   | 54.078  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.451 | 284  | 825570   | 52.453  | ng    | 96       |
| 69) Atrazine                  | 16.610 | 200  | 739965   | 58.508  | ng    | 99       |
| 70) Pentachlorophenol         | 16.786 | 266  | 1161426  | 113.498 | ng    | 99       |
| 71) Phenanthrene              | 17.180 | 178  | 4251041  | 58.906  | ng    | 100      |
| 72) Anthracene                | 17.268 | 178  | 3694142  | 51.169  | ng    | 99       |
| 73) Carbazole                 | 17.533 | 167  | 3525760  | 53.606  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.115 | 149  | 4601778  | 64.303  | ng    | 100      |
| 75) Fluoranthene              | 19.192 | 202  | 4150751  | 54.540  | ng    | 98       |
| 77) Benzidine                 | 19.374 | 184  | 569686   | 16.433  | ng    | 99       |
| 78) Pyrene                    | 19.556 | 202  | 4405786  | 53.023  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.468 | 149  | 1864215  | 67.260  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.350 | 228  | 4155727  | 53.257  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.274 | 252  | 1261208  | 53.001  | ng    | 99       |
| 83) Chrysene                  | 21.415 | 228  | 3876537  | 52.227  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.303 | 149  | 2857713  | 66.937  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.433 | 149  | 4670562  | 73.725  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.709 | 276  | 5066448  | 58.431  | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 23.415 | 252  | 4219935  | 53.897  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.474 | 252  | 4143643  | 51.842  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.209 | 252  | 4038417  | 54.859  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.774 | 278  | 4134482  | 58.744  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.750 | 276  | 4114165  | 58.404  | ng    | 98       |

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

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 ALS Vial : 7 Sample Multiplier: 1

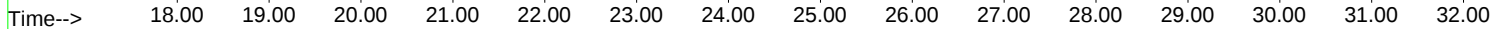
Instrument :  
 BNA\_M  
 ClientSampleId :

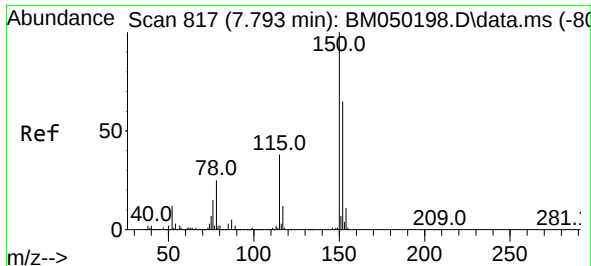
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BNA M

**ClientSampleId :**

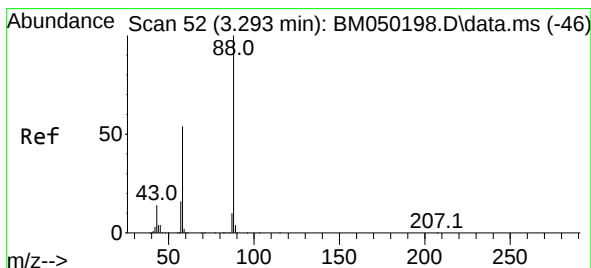
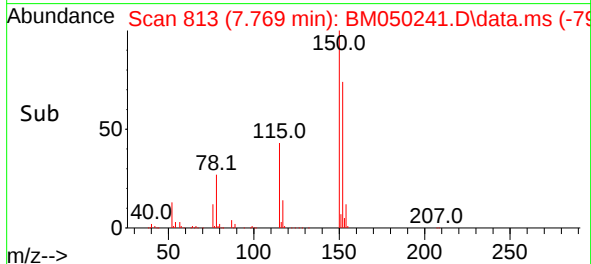
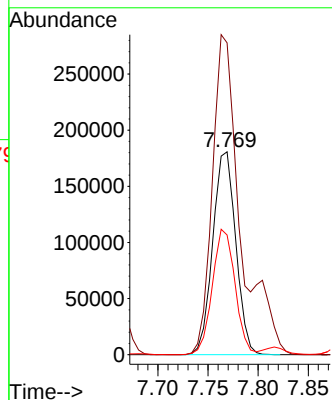
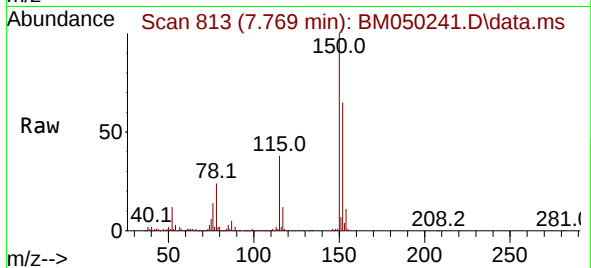
Abundance TIC: BM050241.D\data.ms



#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.769 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BM050241.D  
 Acq: 09 Jun 2025 14:08

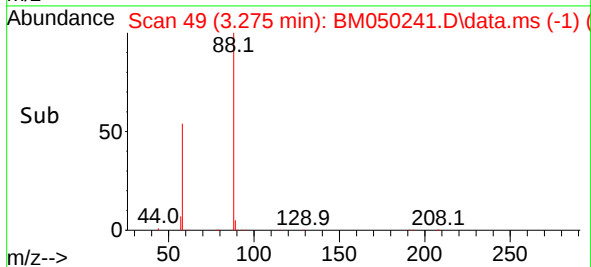
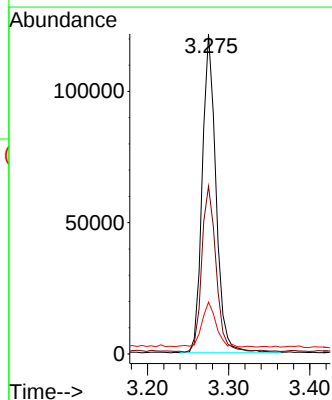
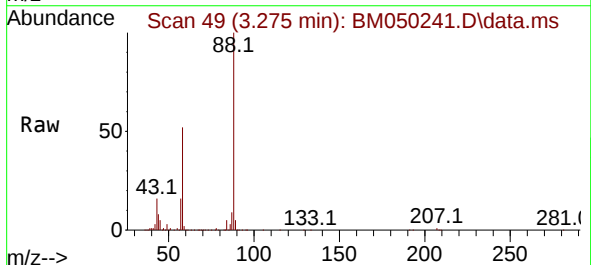
Instrument :  
 BNA\_M  
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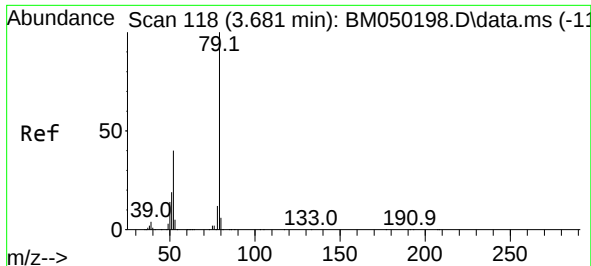
Tgt Ion:152 Resp: 289351  
 Ion Ratio Lower Upper  
 152 100  
 150 153.8 122.2 183.4  
 115 59.0 46.3 69.5



#2  
 1,4-Dioxane  
 Concen: 18.775 ng  
 RT: 3.275 min Scan# 49  
 Delta R.T. -0.006 min  
 Lab File: BM050241.D  
 Acq: 09 Jun 2025 14:08

Tgt Ion: 88 Resp: 142755  
 Ion Ratio Lower Upper  
 88 100  
 58 55.0 42.9 64.3  
 43 14.5 11.0 16.6

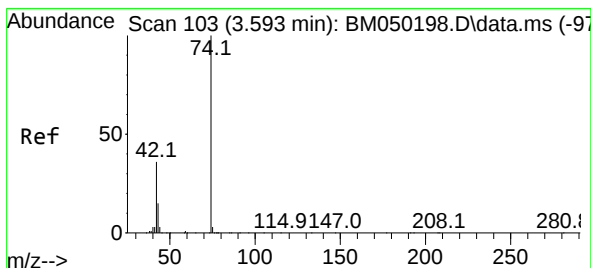
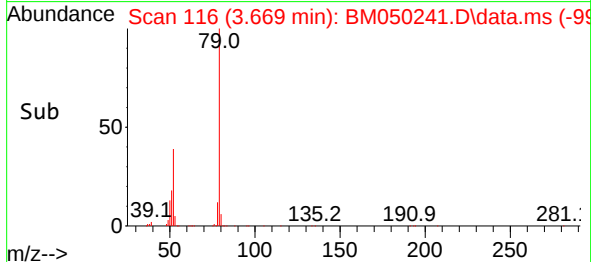
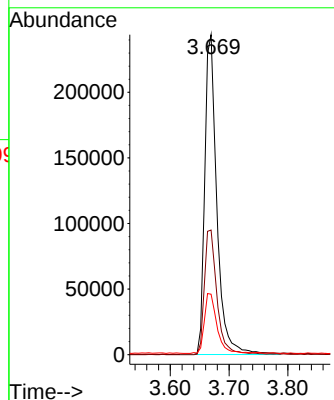
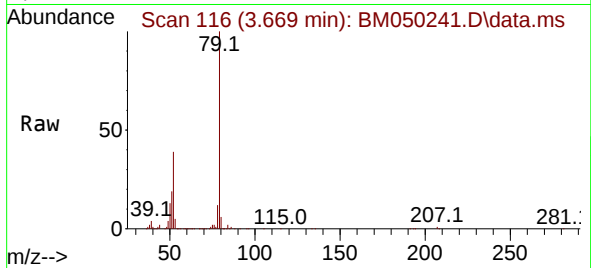




#3  
 Pyridine  
 Concen: 17.673 ng  
 RT: 3.669 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BM050241.D  
 Acq: 09 Jun 2025 14:08

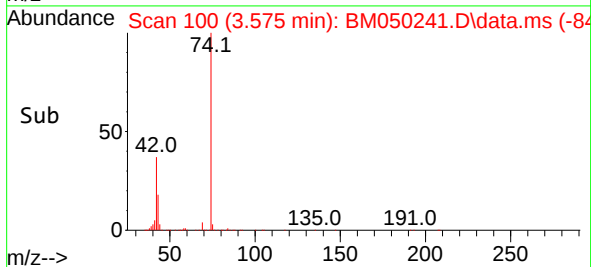
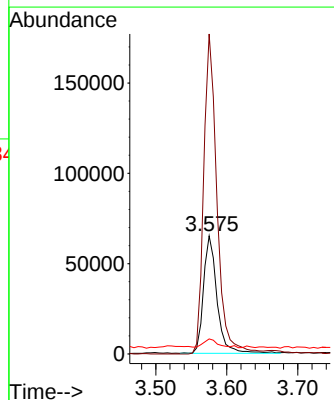
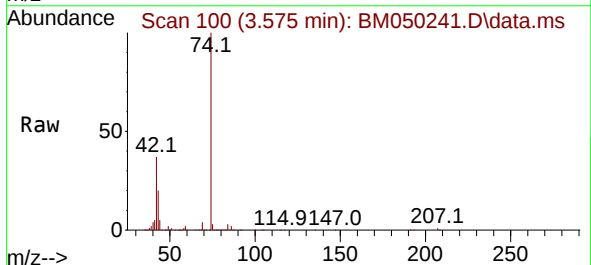
Instrument :  
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 ClientSampleId :

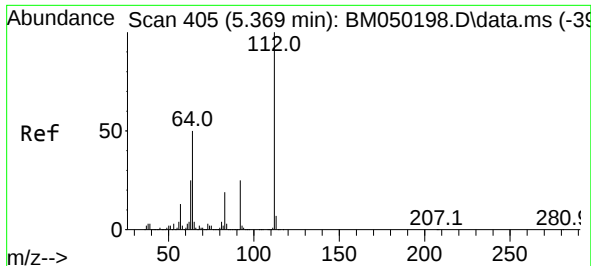
Tgt Ion: 79 Resp: 347991  
 Ion Ratio Lower Upper  
 79 100  
 52 39.0 32.1 48.1  
 51 18.9 15.4 23.0



#4  
 n-Nitrosodimethylamine  
 Concen: 21.233 ng  
 RT: 3.575 min Scan# 100  
 Delta R.T. -0.006 min  
 Lab File: BM050241.D  
 Acq: 09 Jun 2025 14:08

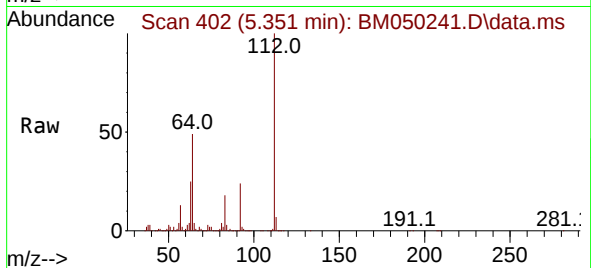
Tgt Ion: 42 Resp: 86452  
 Ion Ratio Lower Upper  
 42 100  
 74 271.1 222.0 333.0  
 44 12.8 7.0 10.6#



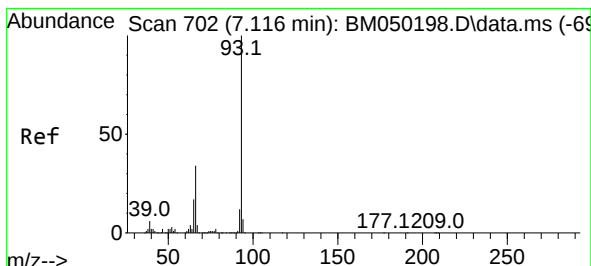
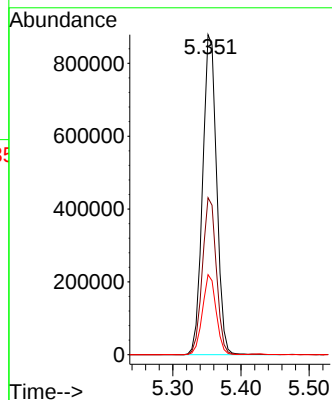
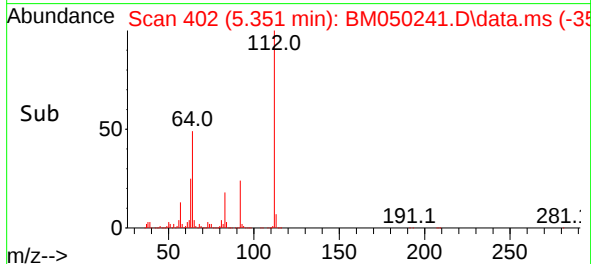


#5  
2-Fluorophenol  
Concen: 72.365 ng  
RT: 5.351 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: BM050241.D  
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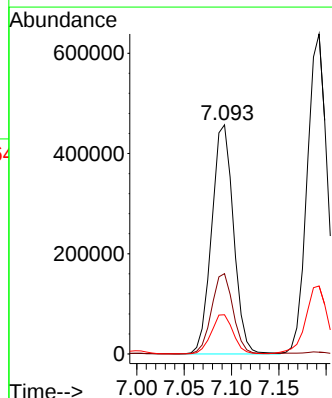
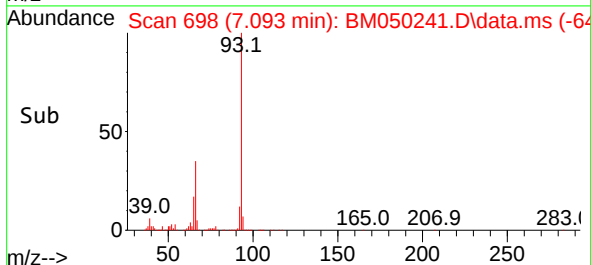
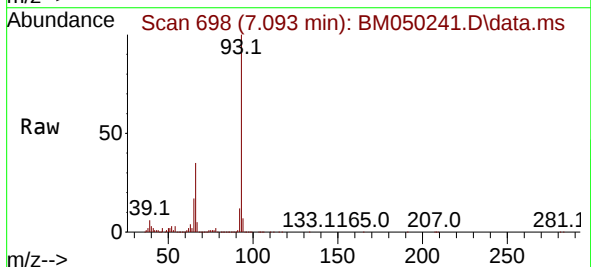


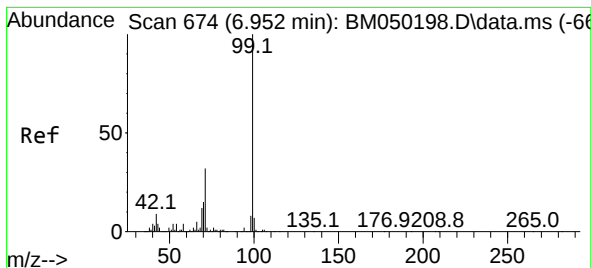
Tgt Ion:112 Resp: 1255227  
Ion Ratio Lower Upper  
112 100  
64 49.0 39.8 59.6  
63 25.0 19.8 29.8



#6  
Aniline  
Concen: 24.284 ng  
RT: 7.093 min Scan# 698  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion: 93 Resp: 733032  
Ion Ratio Lower Upper  
93 100  
66 35.1 27.4 41.2  
65 17.1 13.6 20.4





#7

Phenol-d6

Concen: 46.056 ng

RT: 6.928 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Instrument :

BNA\_M

ClientSampleId :

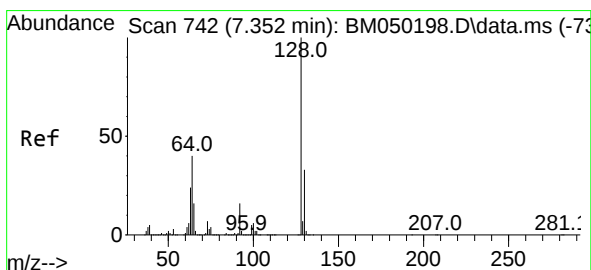
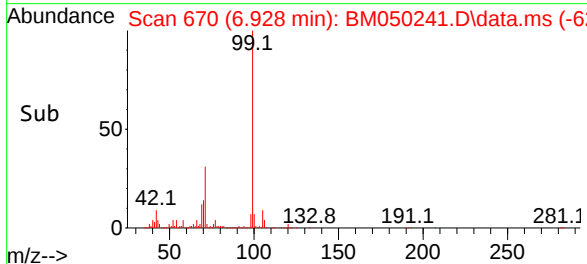
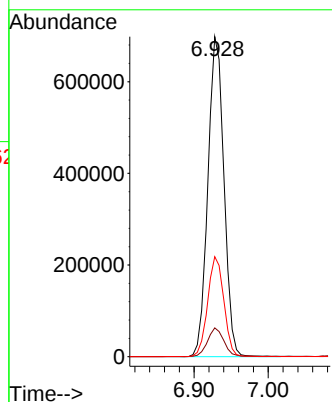
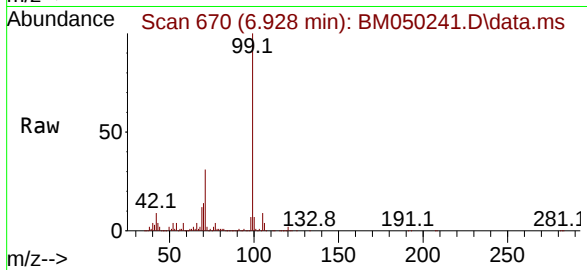
Tgt Ion: 99 Resp: 1051650

Ion Ratio Lower Upper

99 100

42 9.0 6.9 10.3

71 31.3 25.3 37.9



#8

2-Chlorophenol

Concen: 42.347 ng

RT: 7.334 min Scan# 739

Delta R.T. 0.000 min

Lab File: BM050241.D

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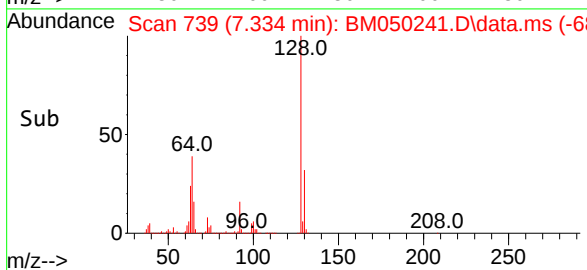
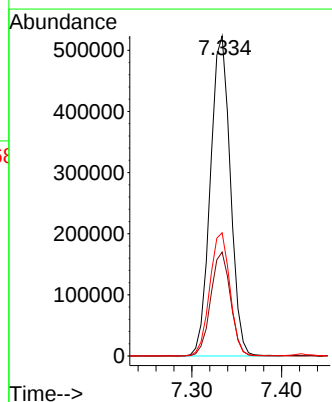
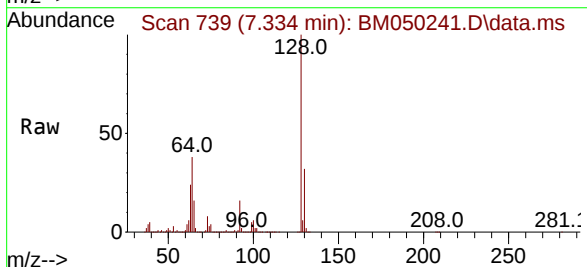
Tgt Ion: 128 Resp: 807950

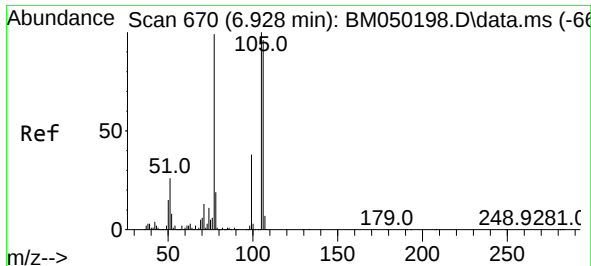
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 38.5 19.8 59.8

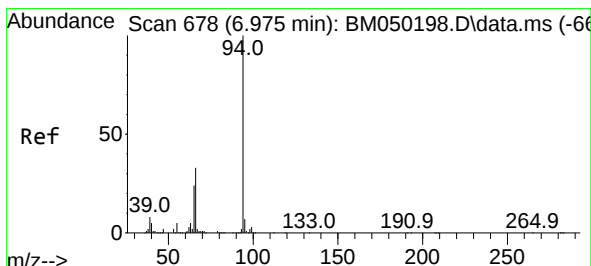
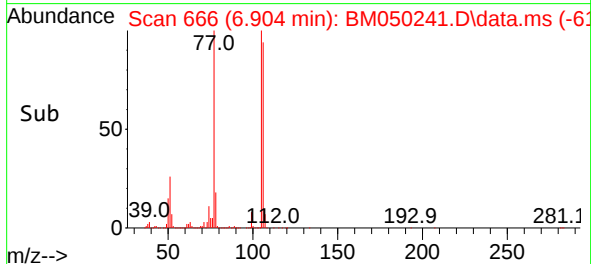
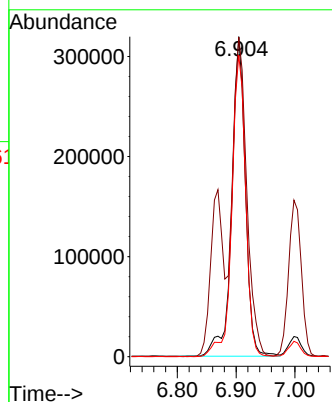
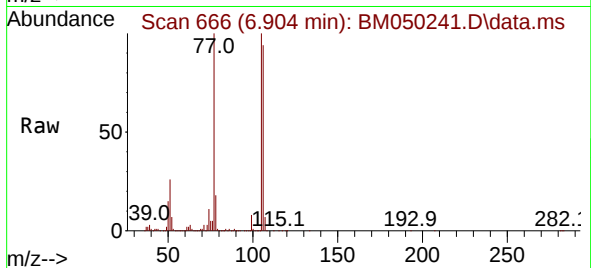




#9  
Benzaldehyde  
Concen: 35.564 ng  
RT: 6.904 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

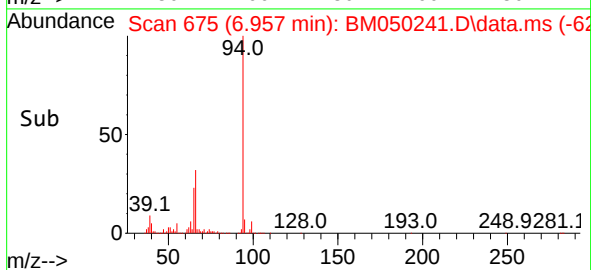
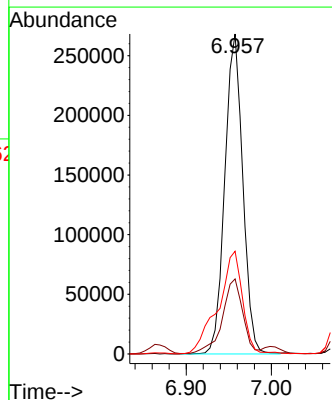
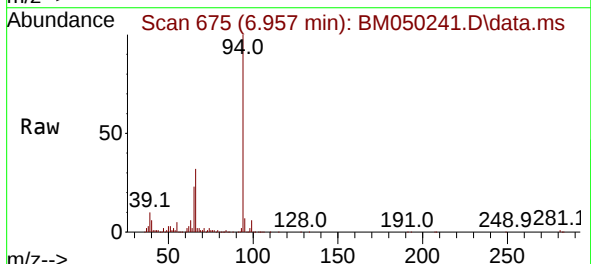
Instrument :  
BNA\_M  
ClientSampleId :

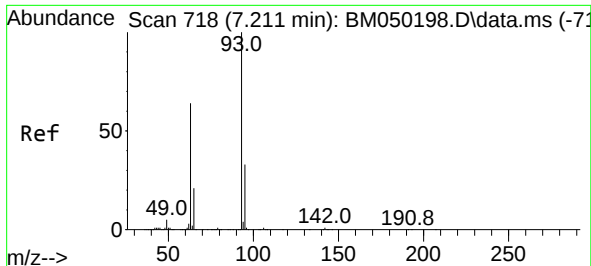
Tgt Ion: 77 Resp: 516304  
Ion Ratio Lower Upper  
77 100  
105 99.8 80.9 120.9  
106 94.3 77.1 117.1



#10  
Phenol  
Concen: 16.280 ng  
RT: 6.957 min Scan# 675  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion: 94 Resp: 393327  
Ion Ratio Lower Upper  
94 100  
65 23.5 4.3 44.3  
66 32.1 12.9 52.9

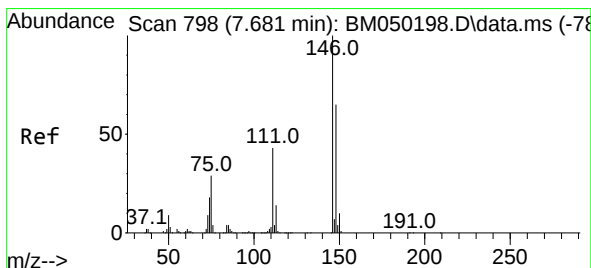
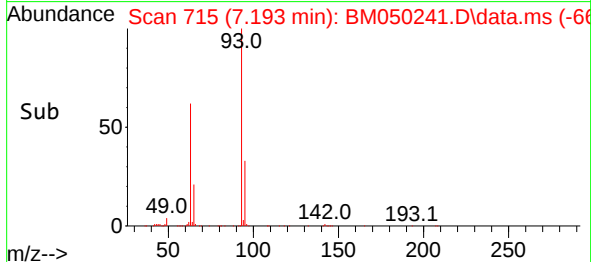
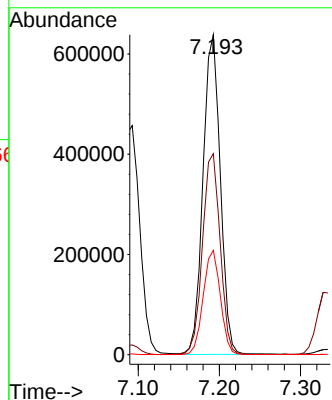
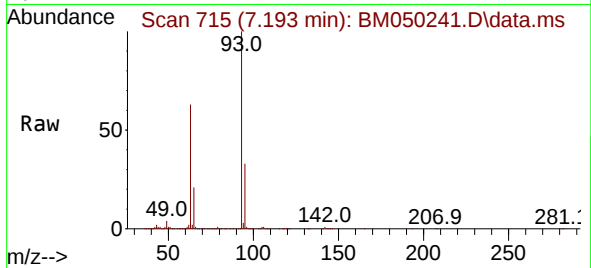




#11  
bis(2-Chloroethyl)ether  
Concen: 48.531 ng  
RT: 7.193 min Scan# 715  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

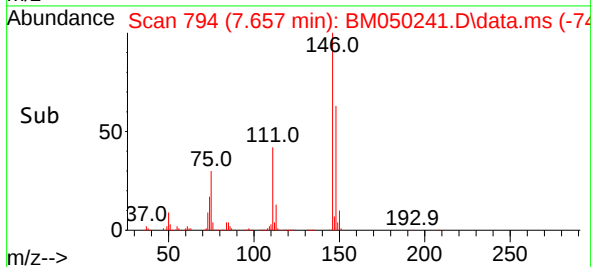
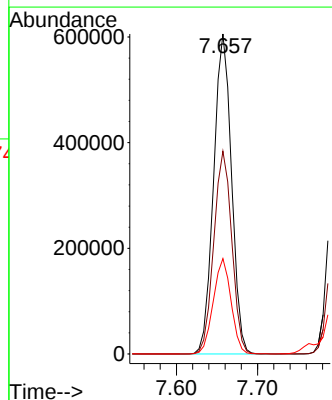
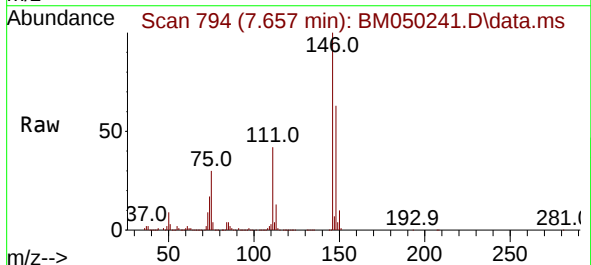
Instrument :  
BNA\_M  
ClientSampleId :

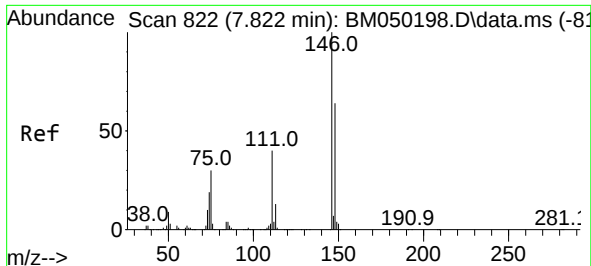
Tgt Ion: 93 Resp: 943092  
Ion Ratio Lower Upper  
93 100  
63 62.8 43.9 83.9  
95 32.6 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 43.431 ng  
RT: 7.657 min Scan# 794  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:146 Resp: 926381  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.9 77.9  
75 29.8 23.4 35.0

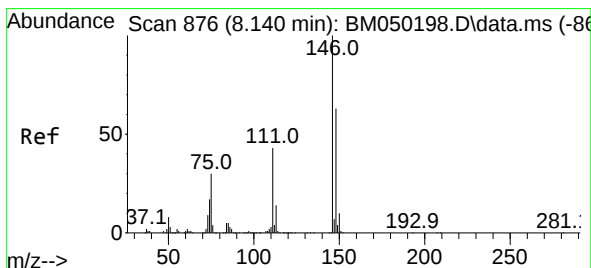
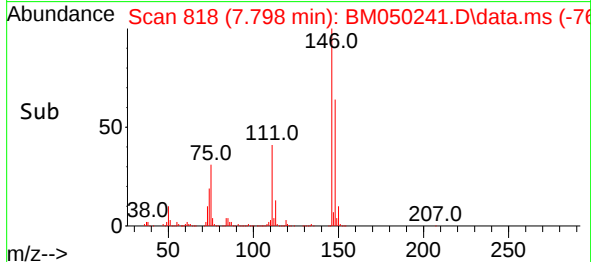
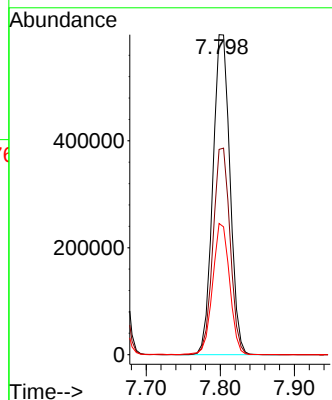
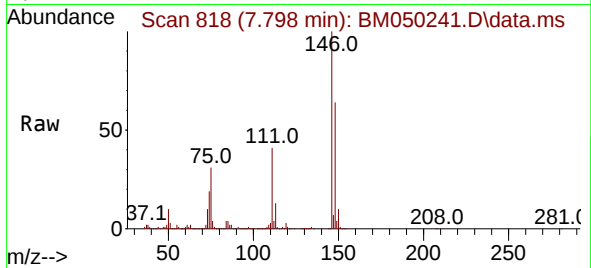




#13  
1,4-Dichlorobenzene  
Concen: 43.247 ng  
RT: 7.798 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

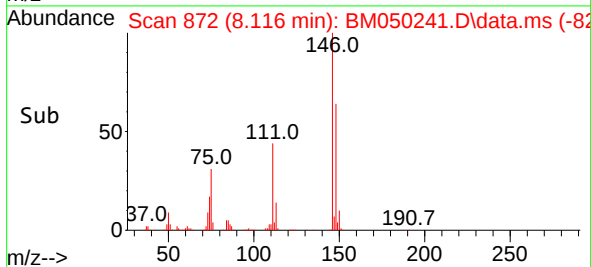
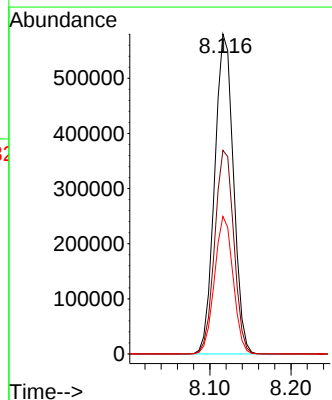
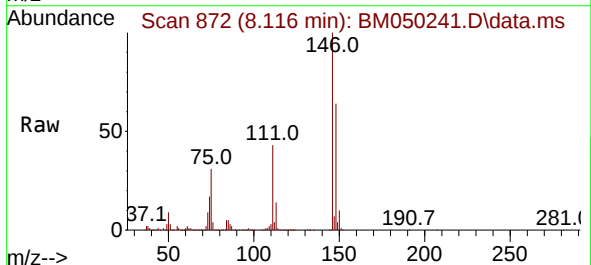
Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion:146 Resp: 959761  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.4 77.0  
111 41.0 32.3 48.5



#14  
1,2-Dichlorobenzene  
Concen: 44.249 ng  
RT: 8.116 min Scan# 872  
Delta R.T. -0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:146 Resp: 936149  
Ion Ratio Lower Upper  
146 100  
148 63.7 50.4 75.6  
111 43.0 34.3 51.5

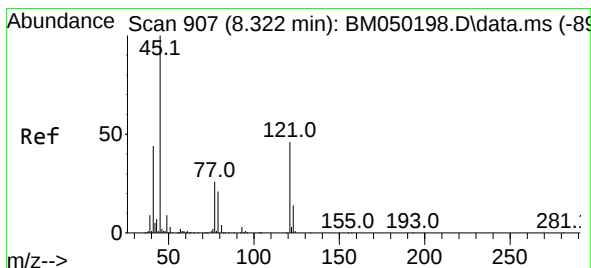
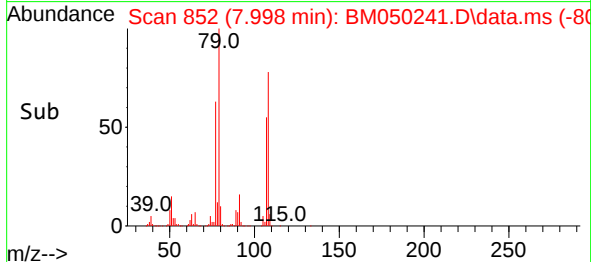
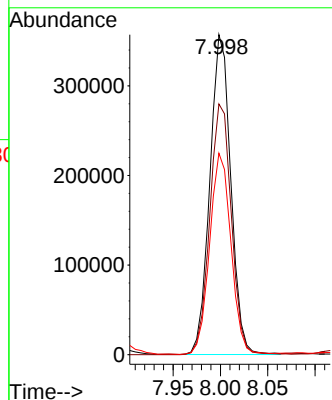
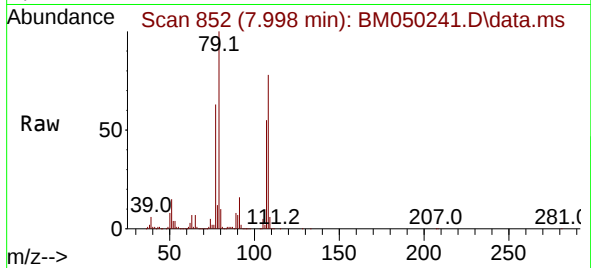




#15  
Benzyl Alcohol  
Concen: 33.628 ng  
RT: 7.998 min Scan# 852  
Delta R.T. -0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

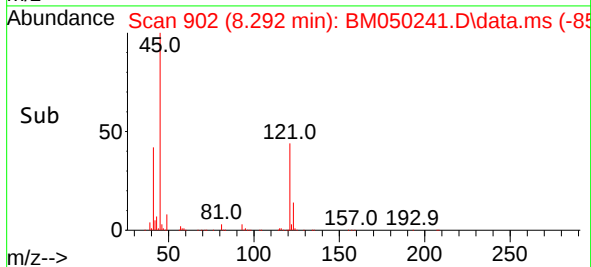
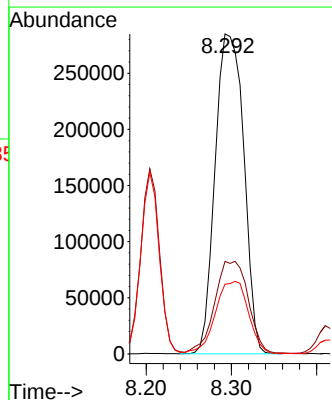
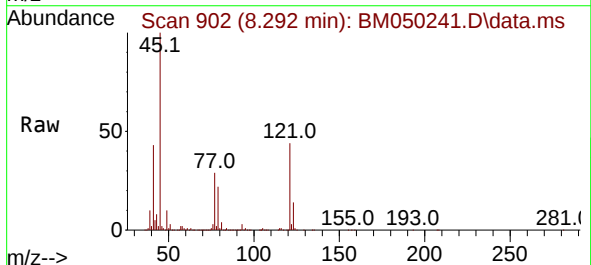
Instrument :  
BNA\_M  
ClientSampleId :

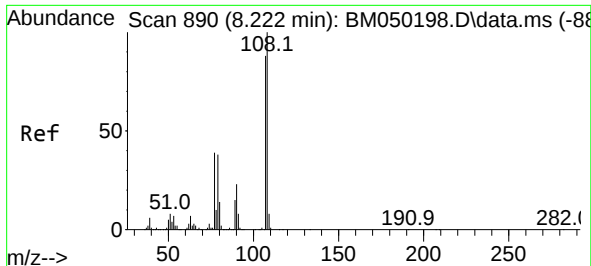
Tgt Ion: 79 Resp: 547664  
Ion Ratio Lower Upper  
79 100  
108 78.3 64.0 96.0  
77 63.0 52.2 78.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.268 ng  
RT: 8.292 min Scan# 902  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

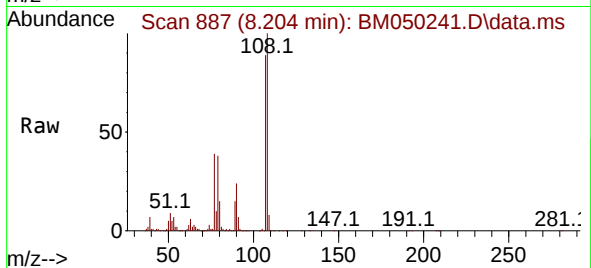
Tgt Ion: 45 Resp: 665085  
Ion Ratio Lower Upper  
45 100  
77 28.9 8.7 48.7  
79 21.8 2.7 42.7



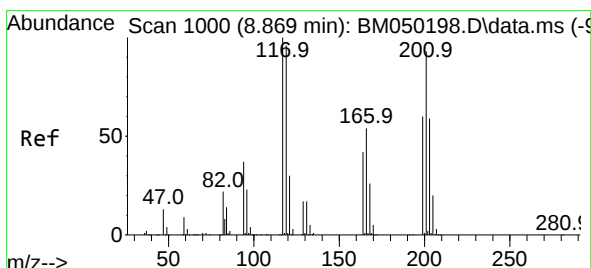
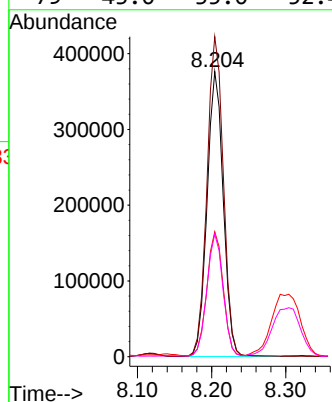
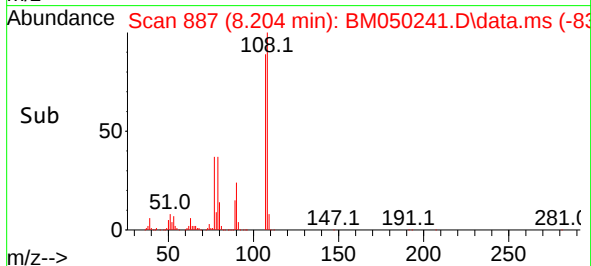


#17  
2-Methylphenol  
Concen: 35.848 ng  
RT: 8.204 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

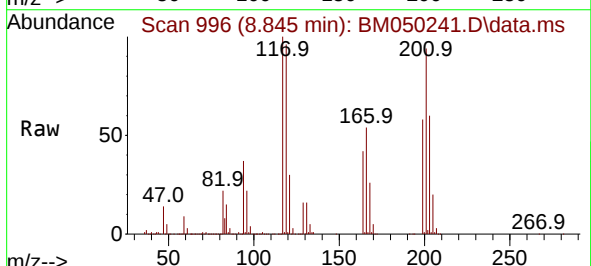
Instrument :  
BNA\_M  
ClientSampleId :



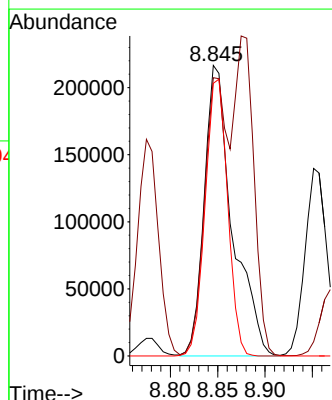
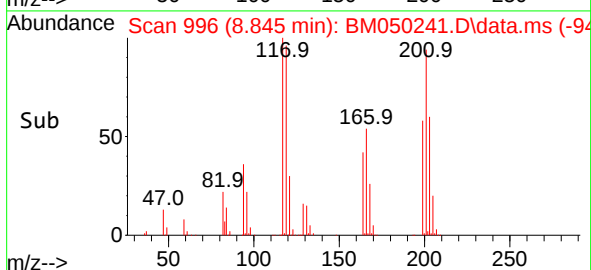
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 571452 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.3 | 90.8  | 136.2  |
| 77       | 43.9  | 35.7  | 53.5   |
| 79       | 43.0  | 35.0  | 52.4   |

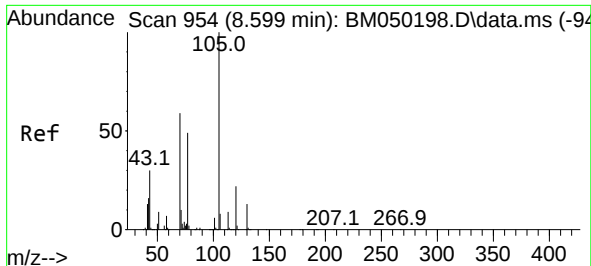


#18  
Hexachloroethane  
Concen: 55.861 ng  
RT: 8.845 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08



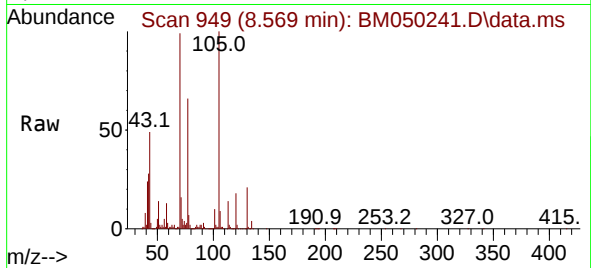
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 448949 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.7  | 77.0  | 115.6  |
| 201      | 93.9  | 74.6  | 111.8  |



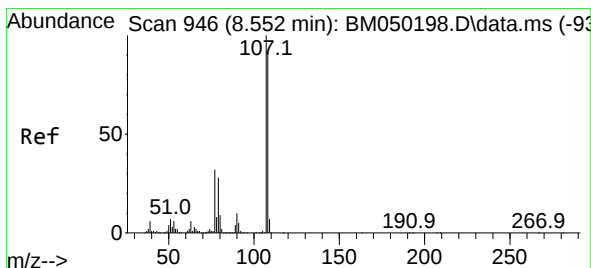
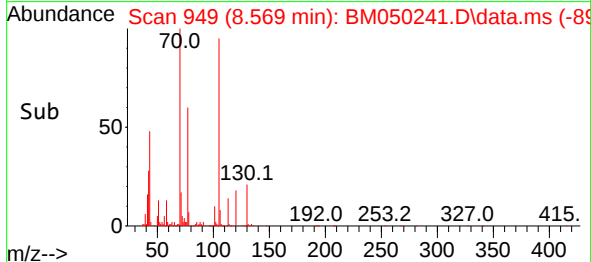
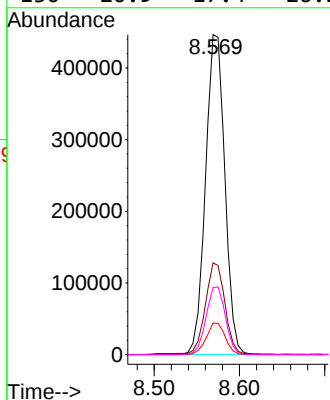


#19  
n-Nitroso-di-n-propylamine  
Concen: 50.161 ng  
RT: 8.569 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Instrument :  
BNA\_M  
ClientSampleId :

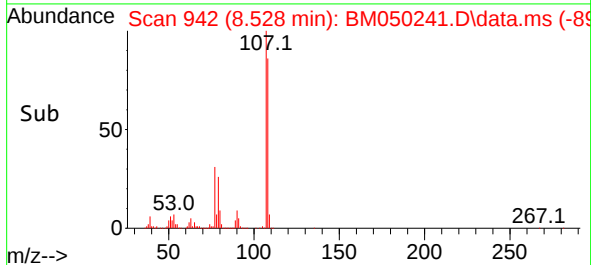
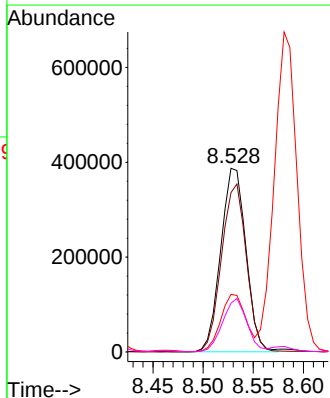
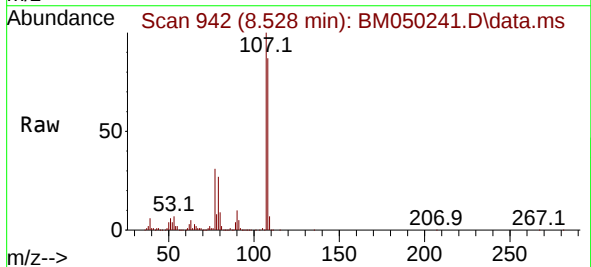


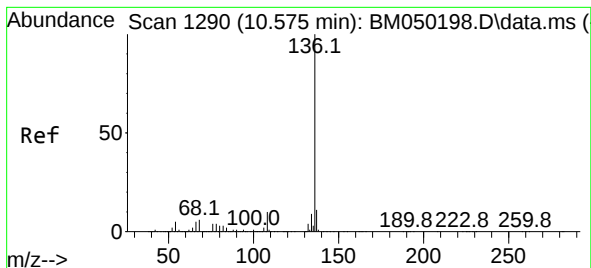
Tgt Ion: 70 Resp: 700907  
Ion Ratio Lower Upper  
70 100  
42 28.7 22.6 33.8  
101 9.9 8.3 12.5  
130 20.9 17.4 26.2



#20  
3+4-Methylphenols  
Concen: 31.752 ng  
RT: 8.528 min Scan# 942  
Delta R.T. -0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion: 107 Resp: 677186  
Ion Ratio Lower Upper  
107 100  
108 86.8 70.4 110.4  
77 31.4 12.2 52.2  
79 26.6 7.7 47.7

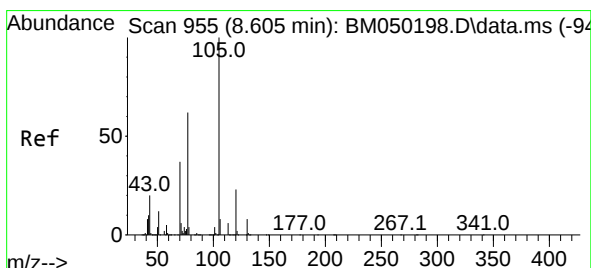
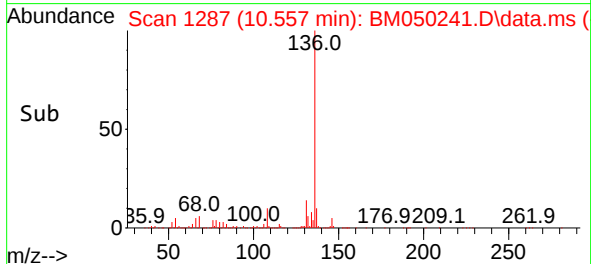
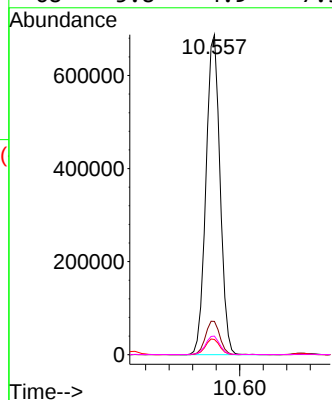
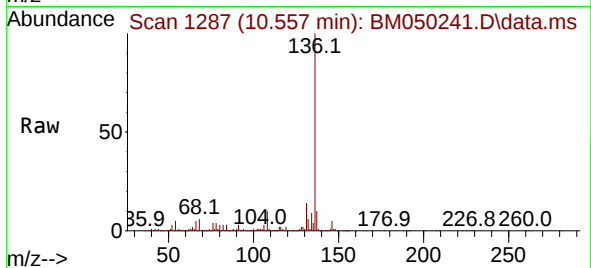




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.557 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

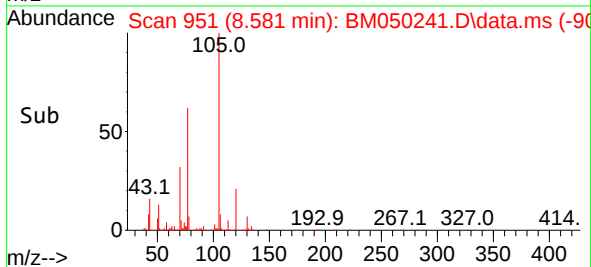
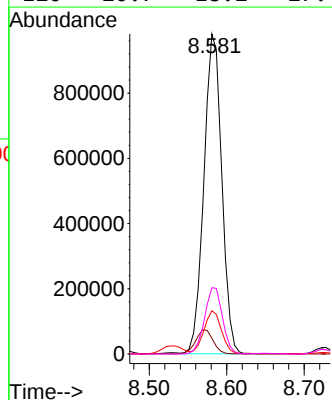
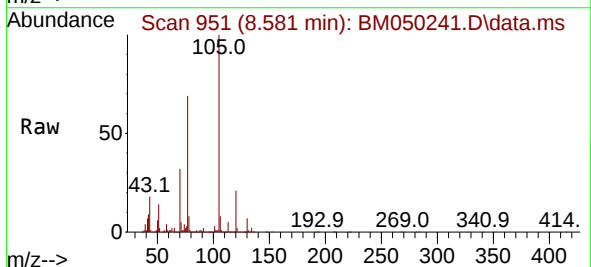
Instrument :  
BNA\_M  
ClientSampleId :

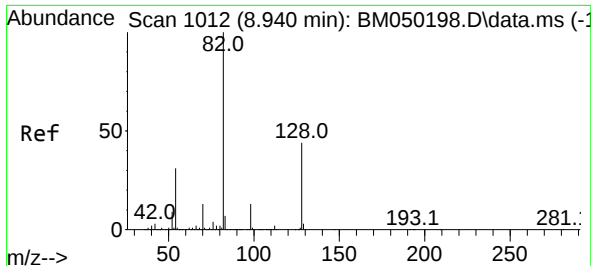
Tgt Ion:136 Resp: 1143577  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 13.0  
54 4.7 3.8 5.8  
68 5.8 4.9 7.3



#22  
Acetophenone  
Concen: 54.983 ng  
RT: 8.581 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:105 Resp: 1570871  
Ion Ratio Lower Upper  
105 100  
71 4.9 5.0 7.4#  
51 13.5 11.4 17.2  
120 20.7 18.2 27.4

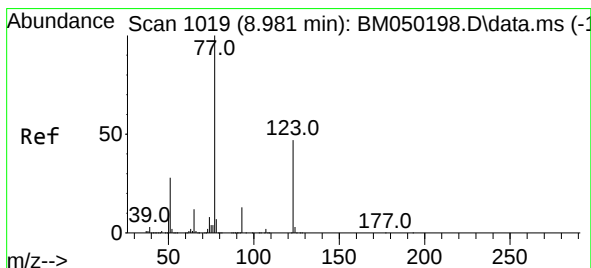
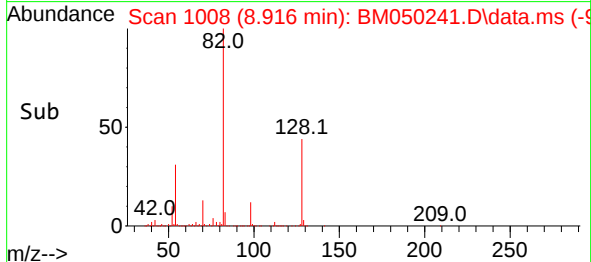
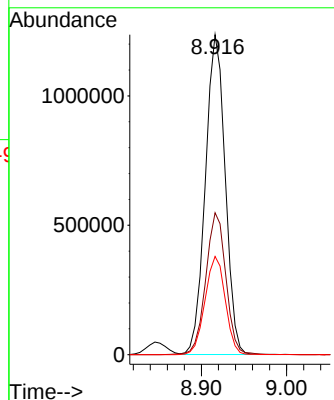
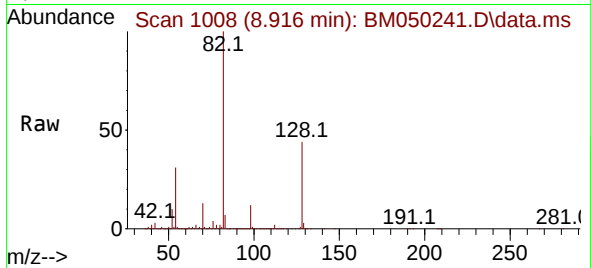




#23  
Nitrobenzene-d5  
Concen: 90.904 ng  
RT: 8.916 min Scan# 1008  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

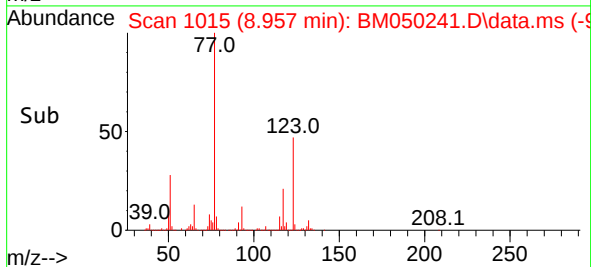
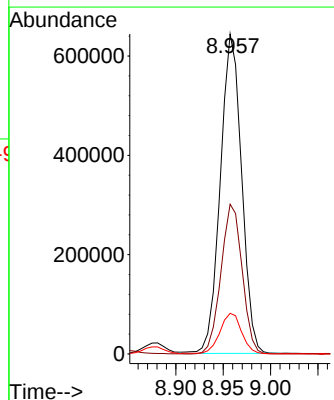
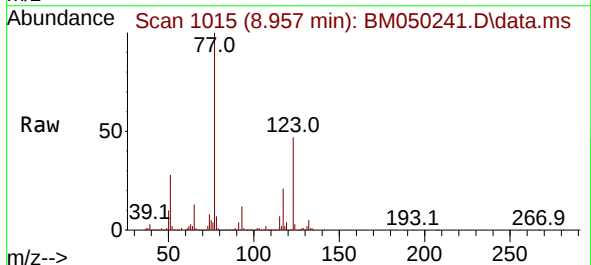
Instrument :  
BNA\_M  
ClientSampleId :

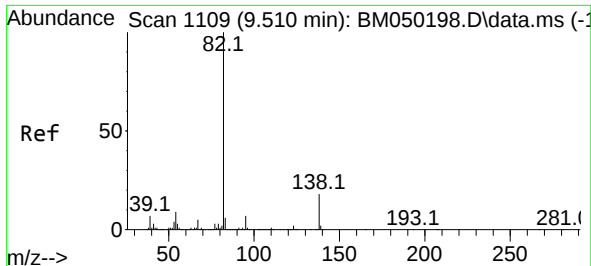
Tgt Ion: 82 Resp: 1998828  
Ion Ratio Lower Upper  
82 100  
128 44.3 35.2 52.8  
54 30.7 24.5 36.7



#24  
Nitrobenzene  
Concen: 50.391 ng  
RT: 8.957 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion: 77 Resp: 1007723  
Ion Ratio Lower Upper  
77 100  
123 46.8 38.2 57.2  
65 12.7 9.5 14.3

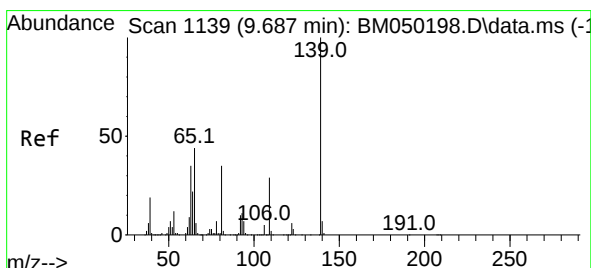
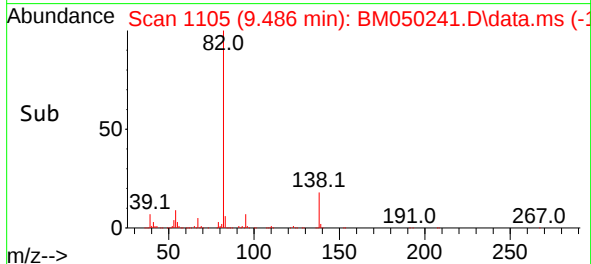
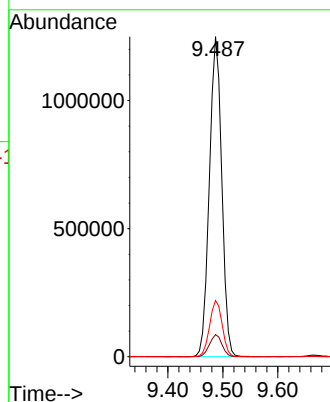
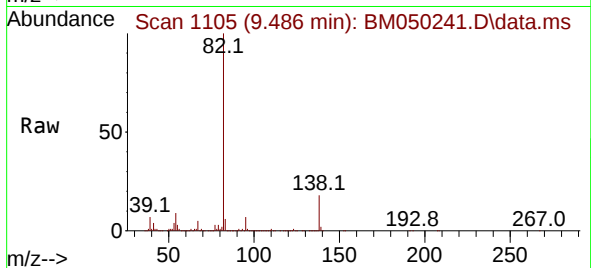




#25  
Isophorone  
Concen: 51.408 ng  
RT: 9.486 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

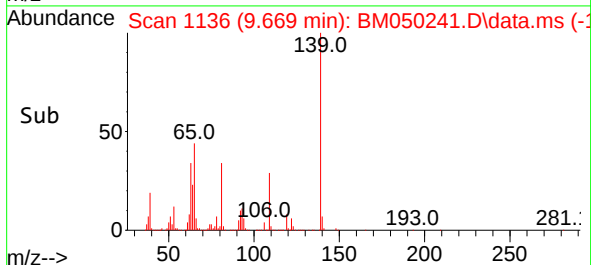
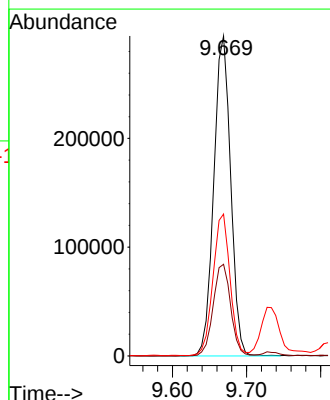
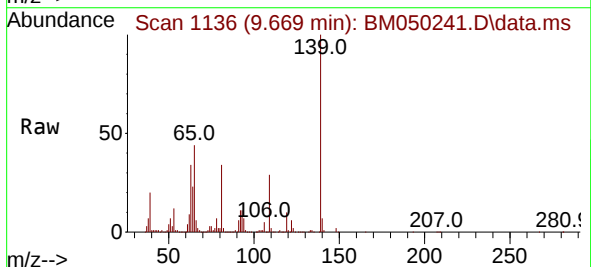
Instrument :  
BNA\_M  
ClientSampleId :

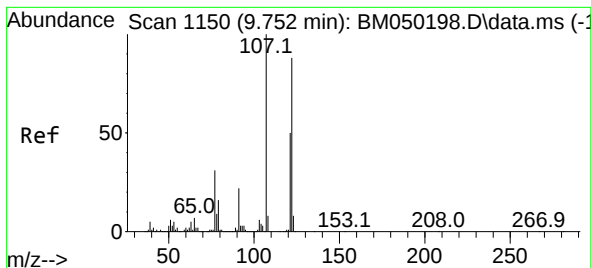
Tgt Ion: 82 Resp: 1951003  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.7 8.5  
138 17.6 14.2 21.2



#26  
2-Nitrophenol  
Concen: 53.887 ng  
RT: 9.669 min Scan# 1136  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:139 Resp: 465171  
Ion Ratio Lower Upper  
139 100  
109 28.6 23.3 34.9  
65 44.3 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 46.970 ng

RT: 9.734 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Instrument :

BNA\_M

ClientSampleId :

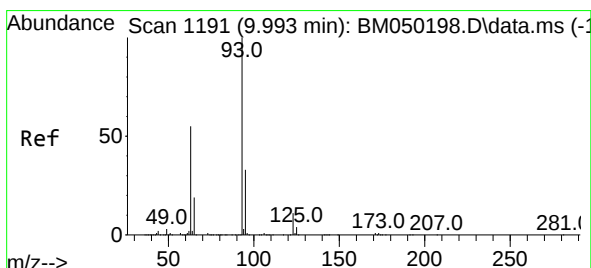
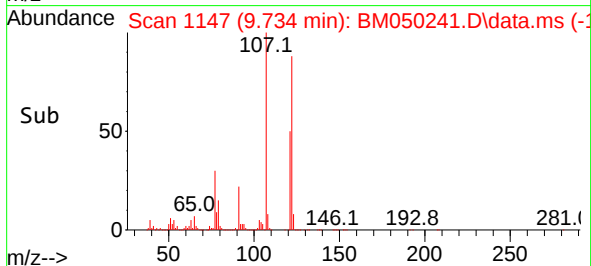
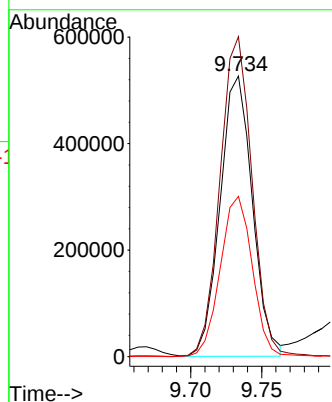
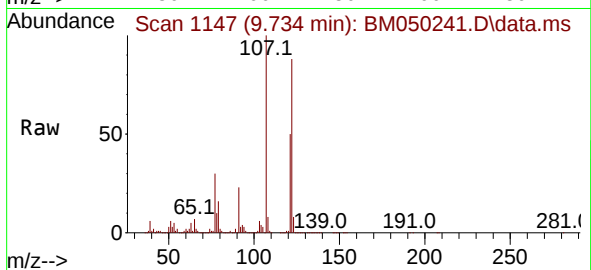
Tgt Ion:122 Resp: 833101

Ion Ratio Lower Upper

122 100

107 114.0 91.0 136.6

121 57.1 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 50.886 ng

RT: 9.969 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

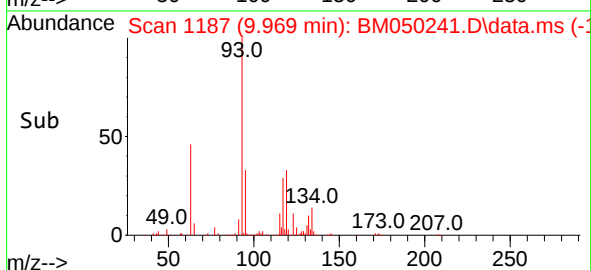
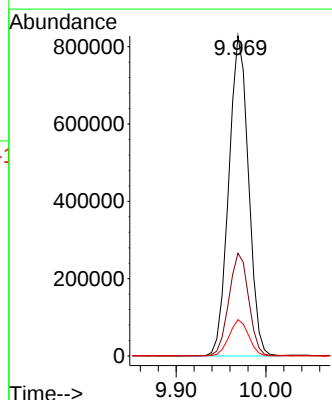
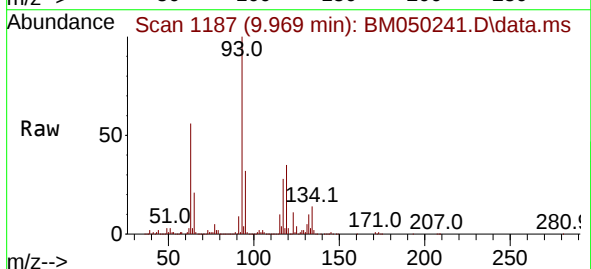
Tgt Ion: 93 Resp: 1261615

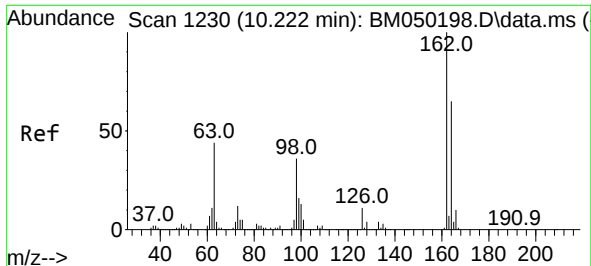
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.4

123 11.4 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.169 ng

RT: 10.198 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Instrument :

BNA\_M

ClientSampleId :

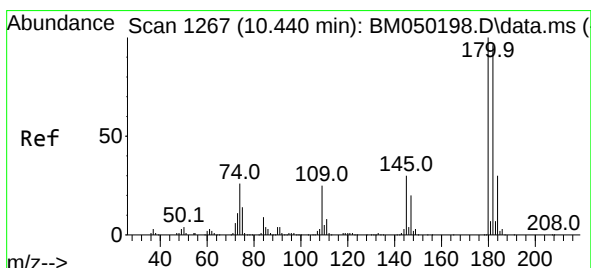
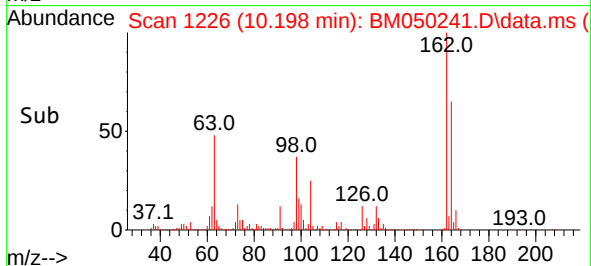
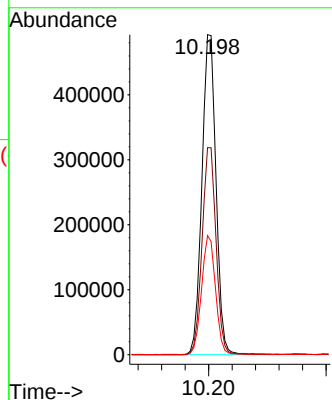
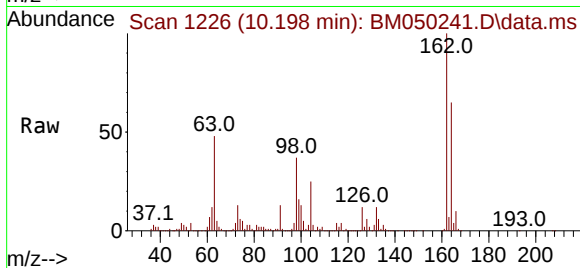
Tgt Ion:162 Resp: 823441

Ion Ratio Lower Upper

162 100

164 64.7 45.0 85.0

98 37.2 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 48.534 ng

RT: 10.416 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

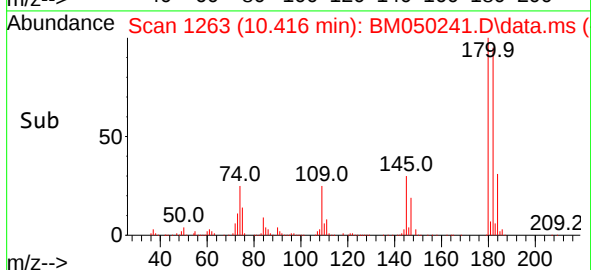
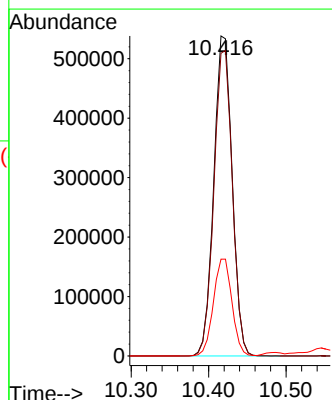
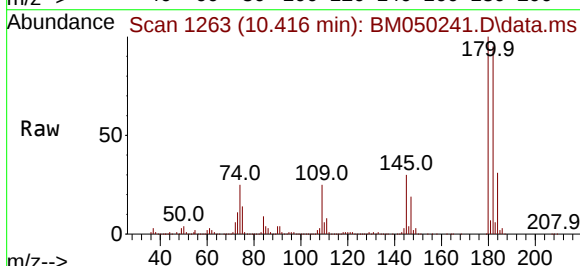
Tgt Ion:180 Resp: 886464

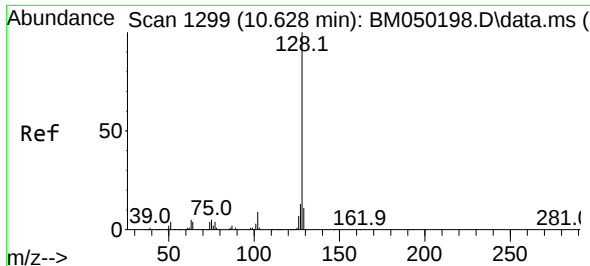
Ion Ratio Lower Upper

180 100

182 94.6 76.6 114.8

145 30.3 24.2 36.4

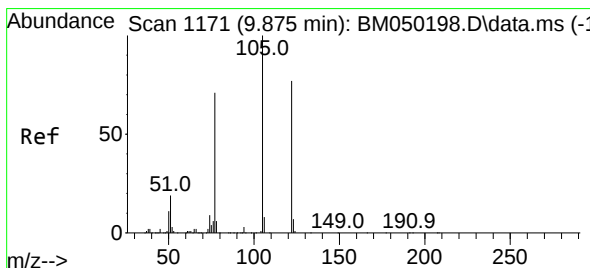
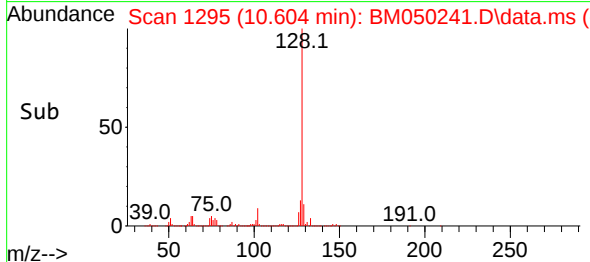
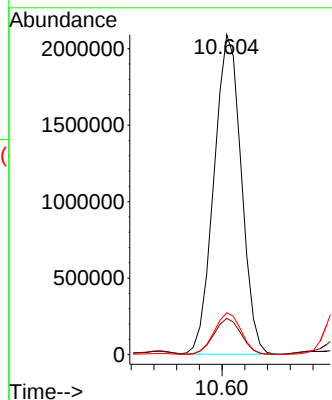
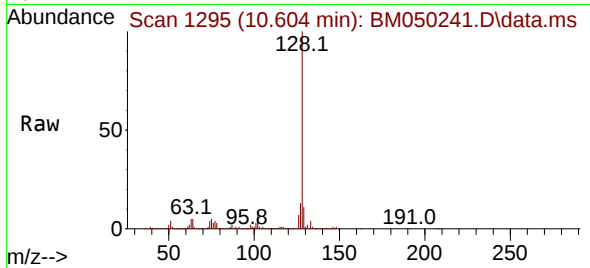




#31  
Naphthalene  
Concen: 59.011 ng  
RT: 10.604 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

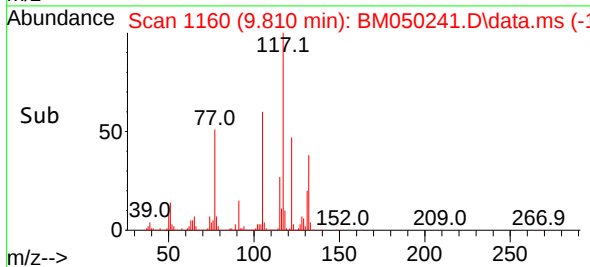
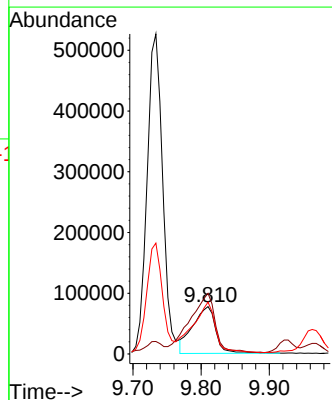
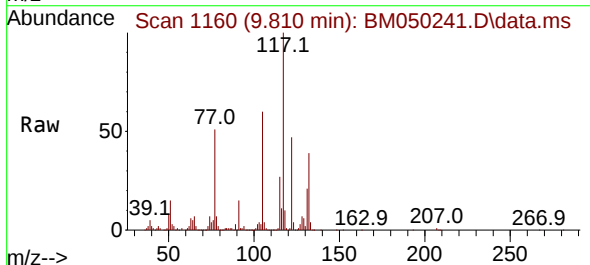
Instrument :  
BNA\_M  
ClientSampleId :

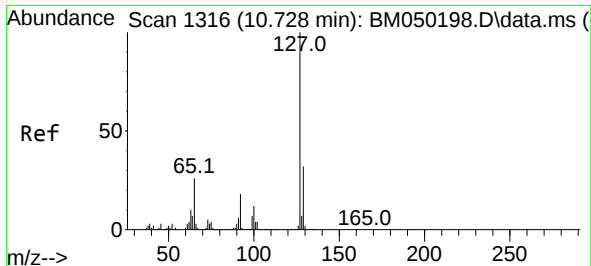
Tgt Ion:128 Resp: 3489029  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.6 12.8  
127 13.1 10.2 15.4



#32  
Benzoic acid  
Concen: 16.211 ng  
RT: 9.810 min Scan# 1160  
Delta R.T. -0.035 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:122 Resp: 180703  
Ion Ratio Lower Upper  
122 100  
105 127.9 103.4 143.4  
77 109.5 70.3 110.3

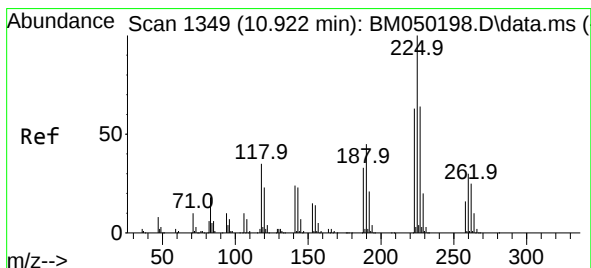
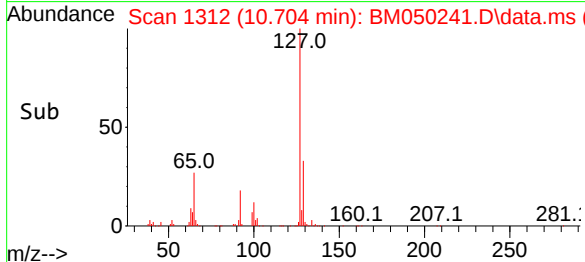
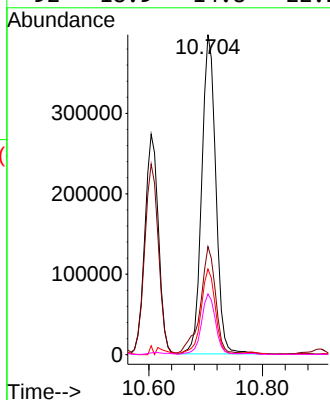
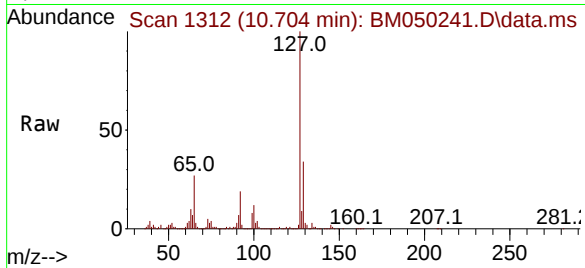




#33  
4-Chloroaniline  
Concen: 27.007 ng  
RT: 10.704 min Scan# 1312  
Delta R.T. -0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

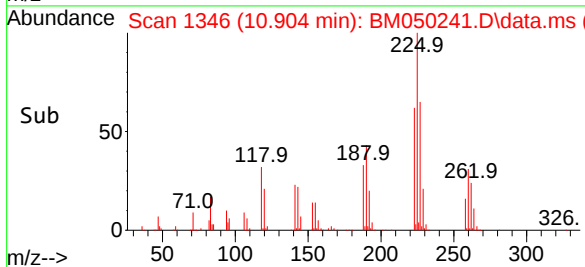
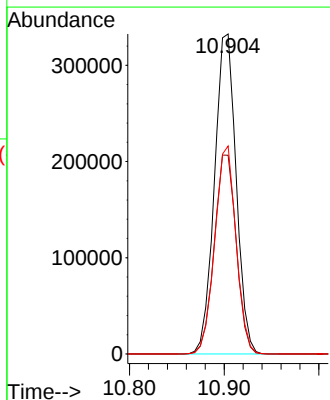
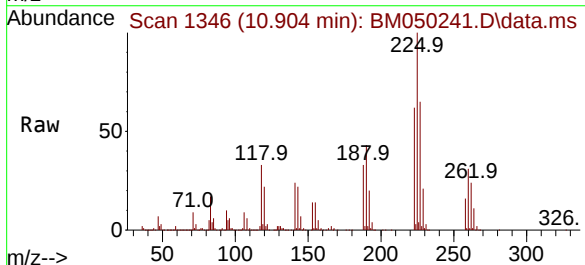
Instrument :  
BNA\_M  
ClientSampleId :

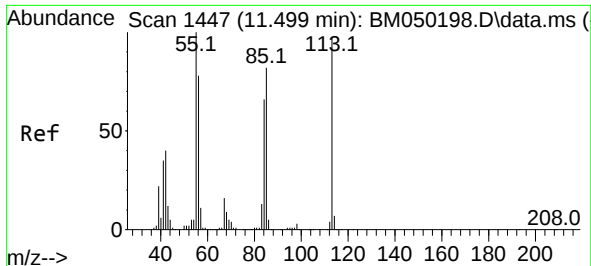
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 680776 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.8  | 25.4  | 38.0   |
| 65       | 26.7  | 21.0  | 31.4   |
| 92       | 18.9  | 14.8  | 22.2   |



#34  
Hexachlorobutadiene  
Concen: 48.755 ng  
RT: 10.904 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 529682 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.1  | 50.2  | 75.2   |
| 227      | 65.0  | 51.0  | 76.4   |

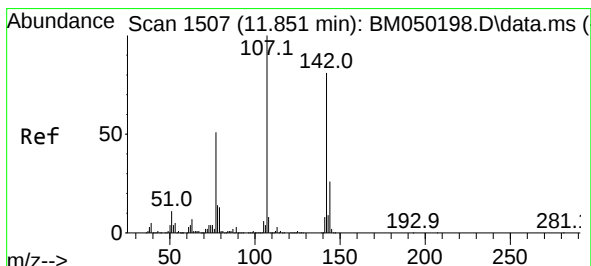
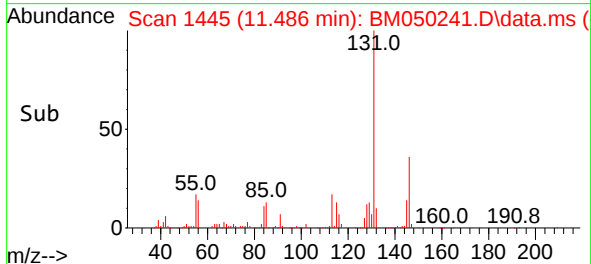
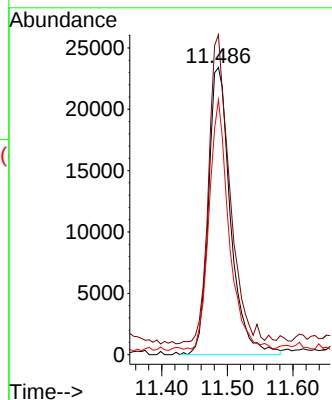
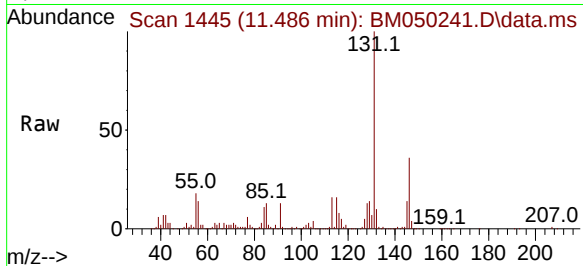




#35  
 Caprolactam  
 Concen: 10.515 ng  
 RT: 11.486 min Scan# 1445  
 Delta R.T. 0.006 min  
 Lab File: BM050241.D  
 Acq: 09 Jun 2025 14:08

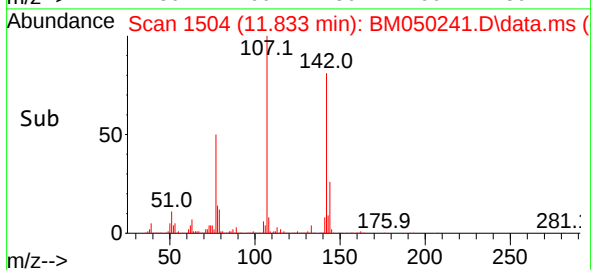
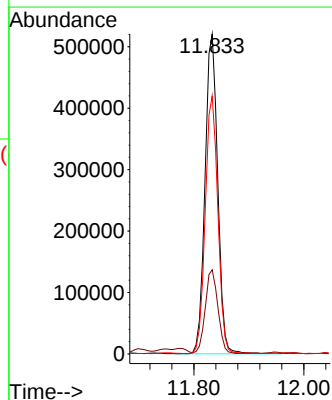
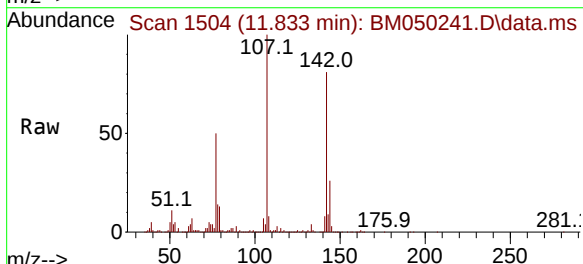
Instrument :  
 BNA\_M  
 ClientSampleId :

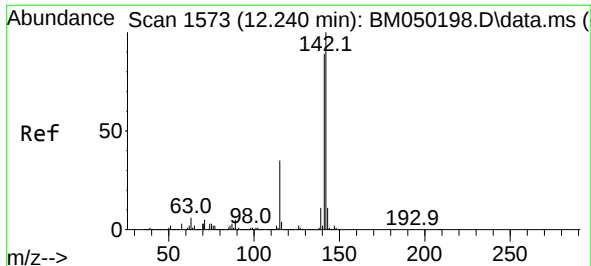
Tgt Ion:113 Resp: 54718  
 Ion Ratio Lower Upper  
 113 100  
 55 111.4 83.5 123.5  
 56 88.8 60.6 100.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 47.496 ng  
 RT: 11.833 min Scan# 1504  
 Delta R.T. 0.000 min  
 Lab File: BM050241.D  
 Acq: 09 Jun 2025 14:08

Tgt Ion:107 Resp: 831853  
 Ion Ratio Lower Upper  
 107 100  
 144 26.3 21.0 31.6  
 142 80.7 64.8 97.2





#37

2-Methylnaphthalene

Concen: 171.755 ng

RT: 12.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Instrument :

BNA\_M

ClientSampleId :

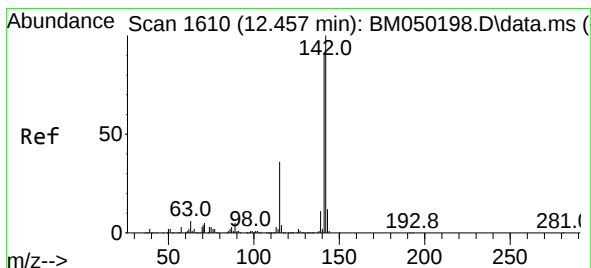
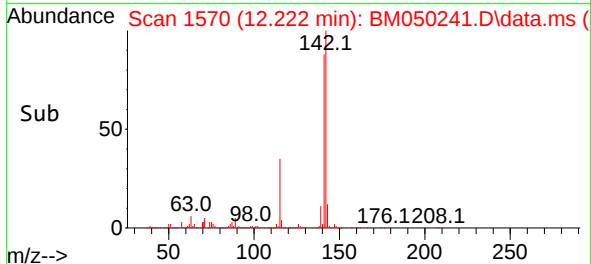
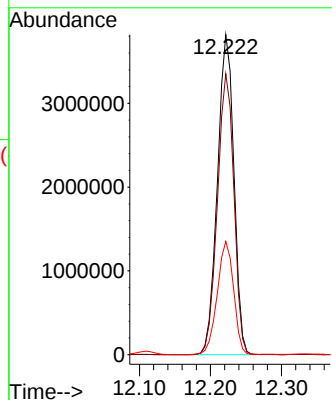
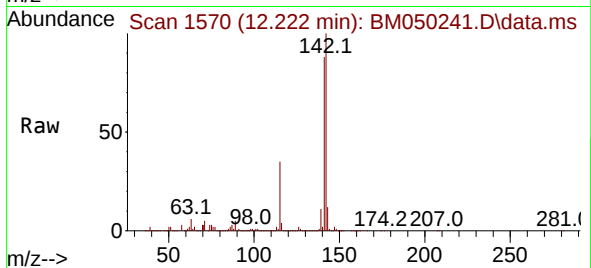
Tgt Ion:142 Resp: 6126319

Ion Ratio Lower Upper

142 100

141 87.8 71.5 107.3

115 35.4 27.8 41.8



#38

1-Methylnaphthalene

Concen: 132.909 ng

RT: 12.439 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

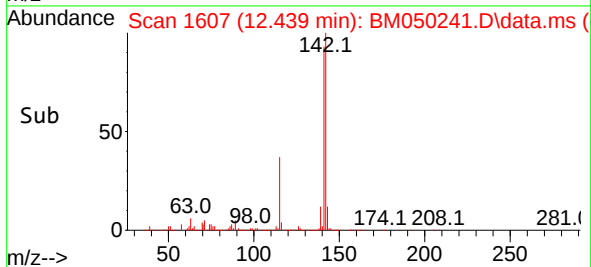
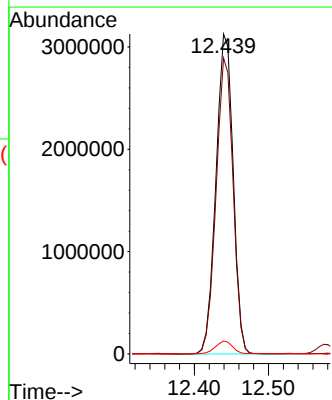
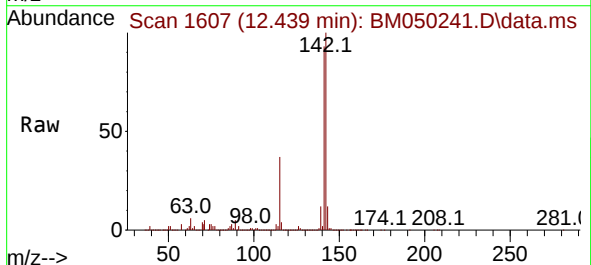
Tgt Ion:142 Resp: 5031667

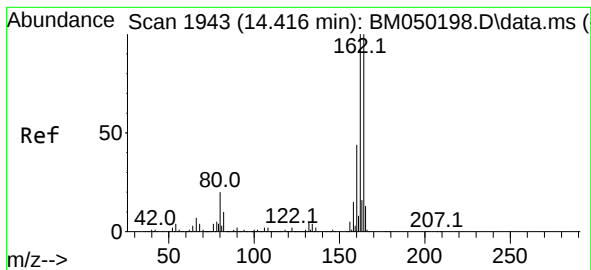
Ion Ratio Lower Upper

142 100

141 92.5 72.9 109.3

116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Instrument :

BNA\_M

ClientSampleId :

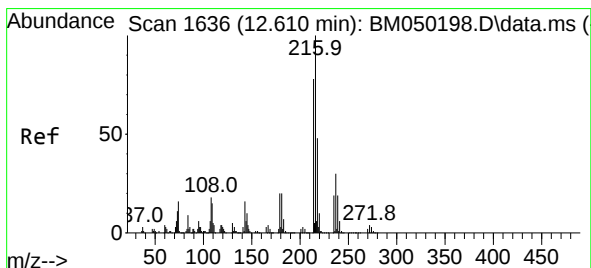
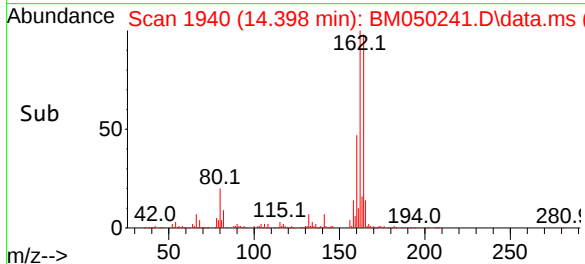
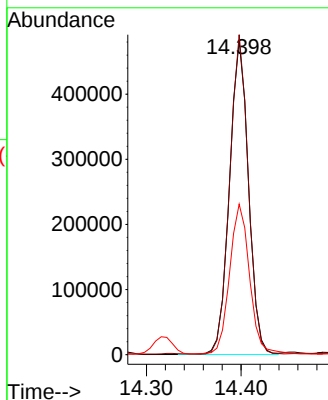
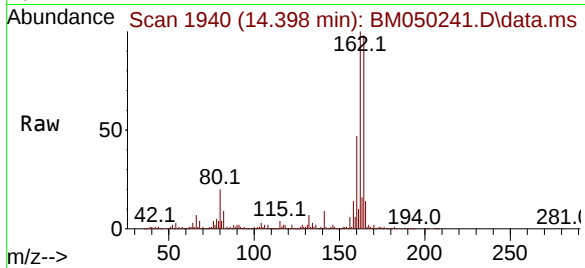
Tgt Ion:164 Resp: 672610

Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.4

160 48.0 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.564 ng

RT: 12.592 min Scan# 1633

Delta R.T. 0.006 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Tgt Ion:216 Resp: 982068

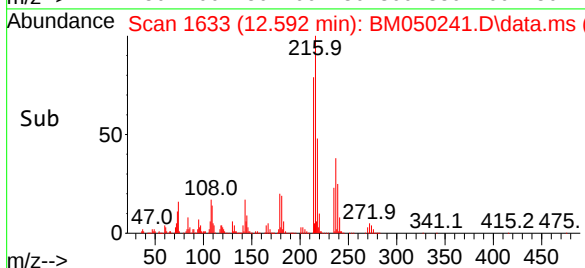
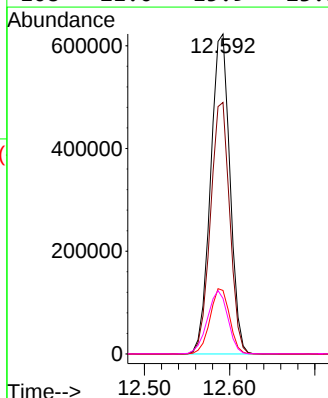
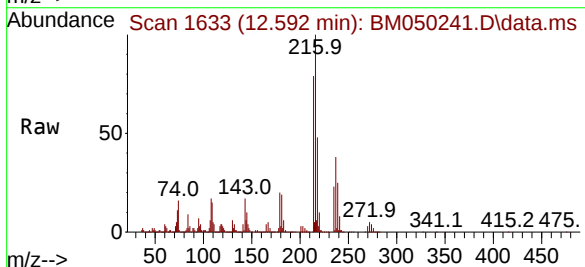
Ion Ratio Lower Upper

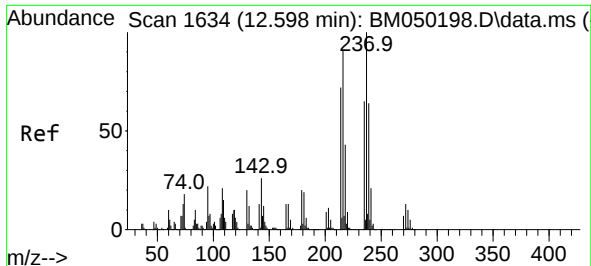
216 100

214 78.1 63.0 94.4

179 20.6 16.6 25.0

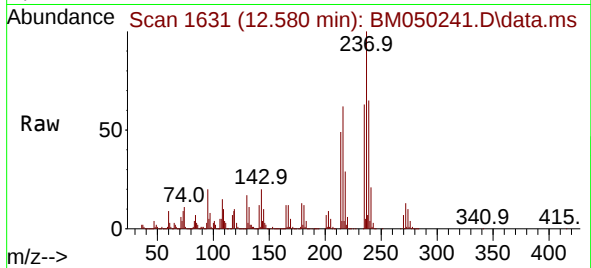
108 21.0 15.9 23.9



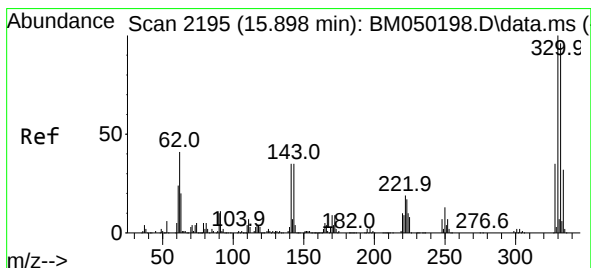
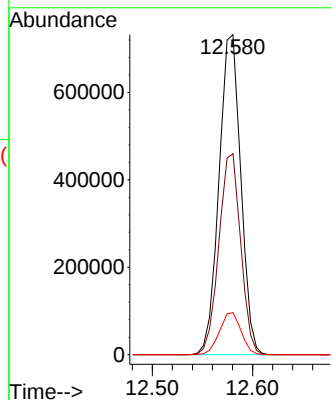
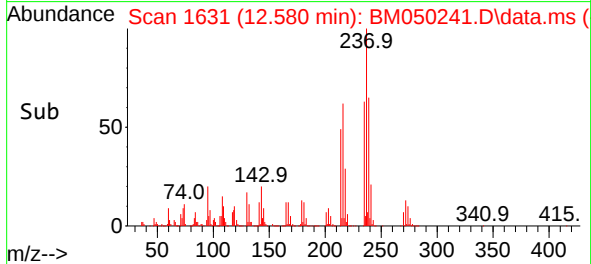


#41  
Hexachlorocyclopentadiene  
Concen: 93.595 ng  
RT: 12.580 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

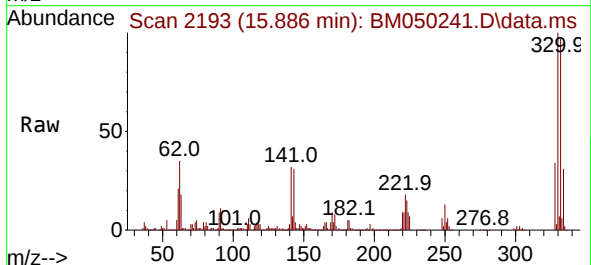
Instrument :  
BNA\_M  
ClientSampleId :



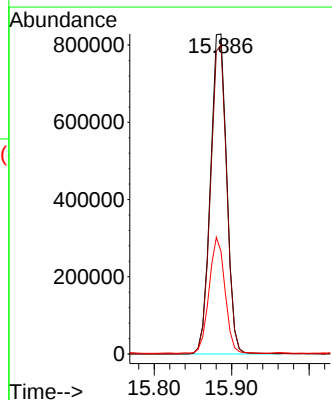
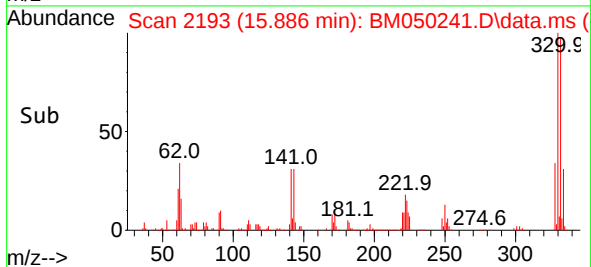
Tgt Ion:237 Resp: 1103973  
Ion Ratio Lower Upper  
237 100  
235 62.9 44.6 84.6  
272 13.1 0.0 33.1

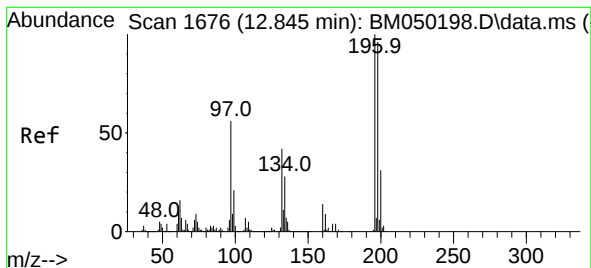


#42  
2,4,6-Tribromophenol  
Concen: 157.727 ng  
RT: 15.886 min Scan# 2193  
Delta R.T. 0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08



Tgt Ion:330 Resp: 1206681  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.5 116.3  
141 35.3 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 52.671 ng

RT: 12.827 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Instrument :

BNA\_M

ClientSampleId :

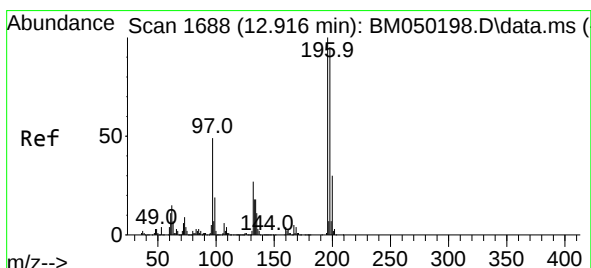
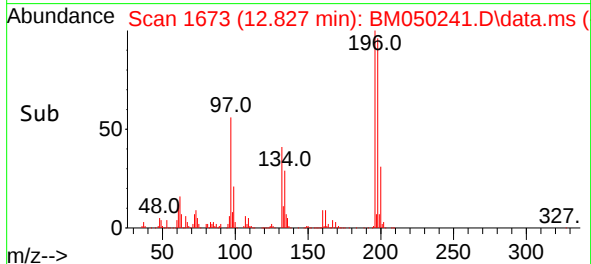
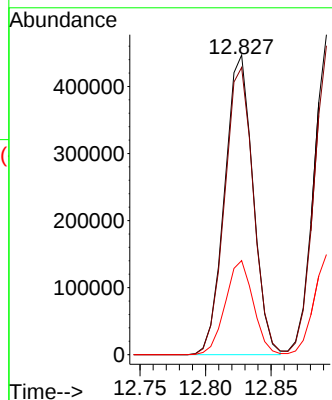
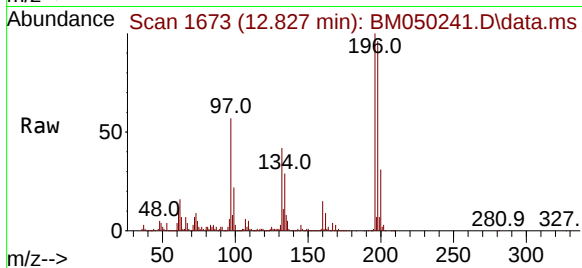
Tgt Ion:196 Resp: 672731

Ion Ratio Lower Upper

196 100

198 95.8 76.6 115.0

200 31.4 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 52.205 ng

RT: 12.892 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Tgt Ion:196 Resp: 732097

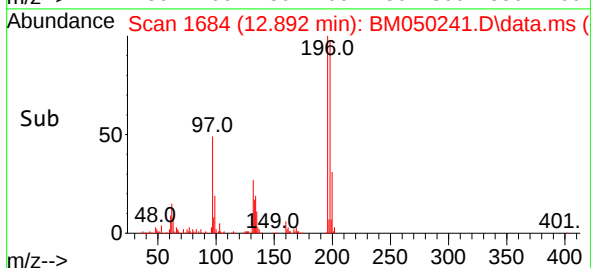
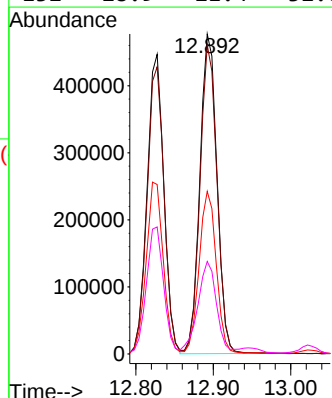
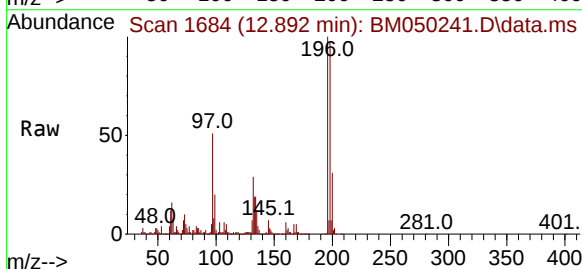
Ion Ratio Lower Upper

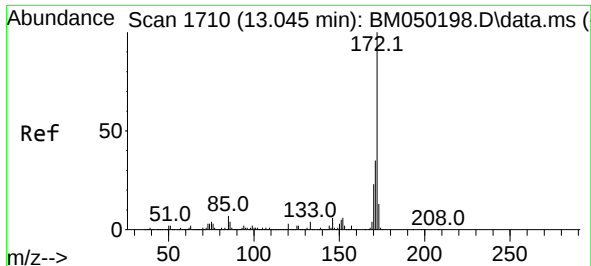
196 100

198 96.6 76.1 114.1

97 50.8 39.3 58.9

132 28.9 21.4 32.0

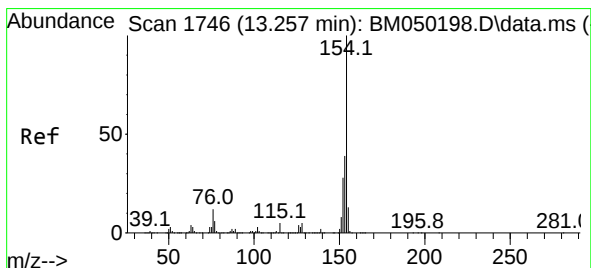
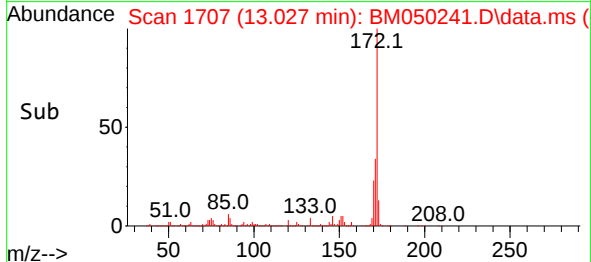
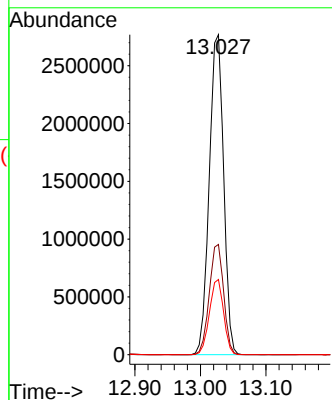
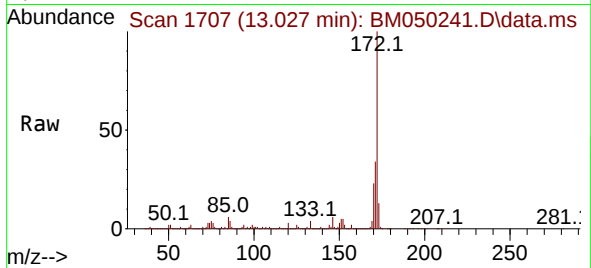




#45  
2-Fluorobiphenyl  
Concen: 85.044 ng  
RT: 13.027 min Scan# 1710  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

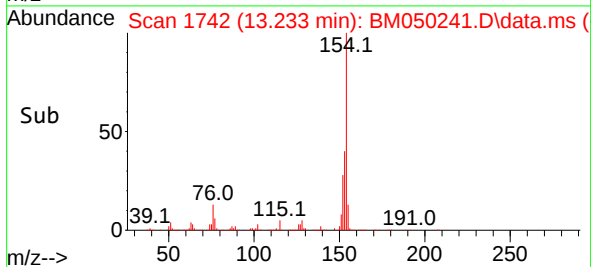
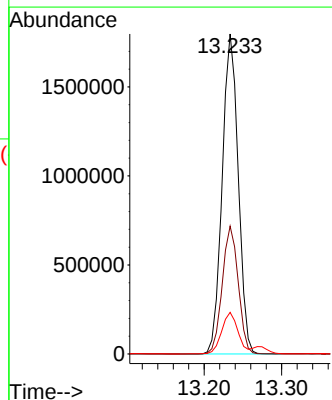
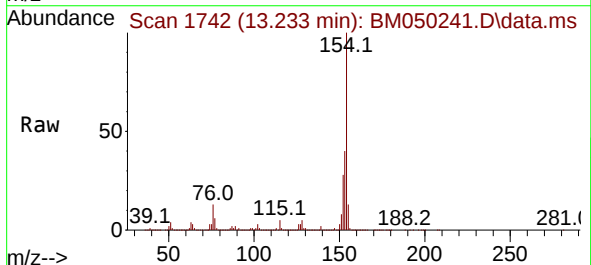
Instrument :  
BNA\_M  
ClientSampleId :

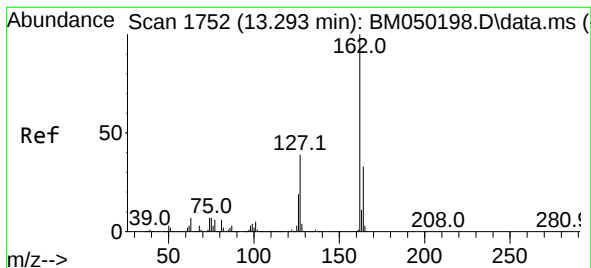
Tgt Ion:172 Resp: 4225084  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.8 41.6  
170 23.5 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 51.283 ng  
RT: 13.233 min Scan# 1742  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:154 Resp: 2582829  
Ion Ratio Lower Upper  
154 100  
153 40.0 19.2 59.2  
76 13.0 0.0 32.0





#47

2-Chloronaphthalene

Concen: 50.319 ng

RT: 13.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Instrument :

BNA\_M

ClientSampleId :

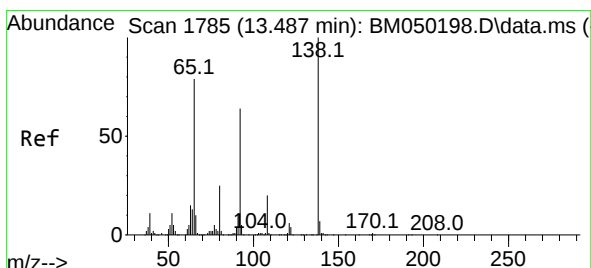
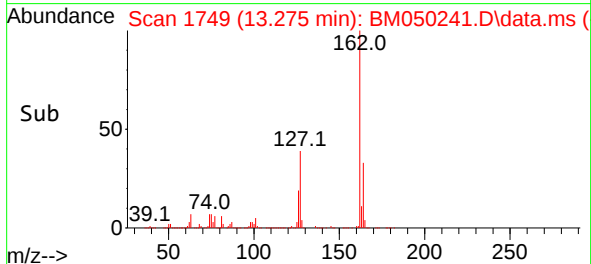
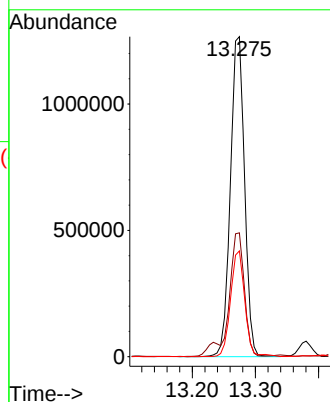
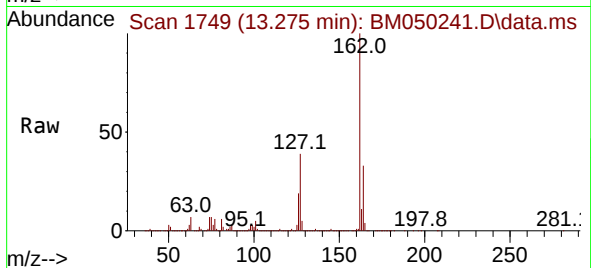
Tgt Ion:162 Resp: 1970253

Ion Ratio Lower Upper

162 100

127 38.7 31.1 46.7

164 33.0 26.5 39.7



#48

2-Nitroaniline

Concen: 58.824 ng

RT: 13.469 min Scan# 1782

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

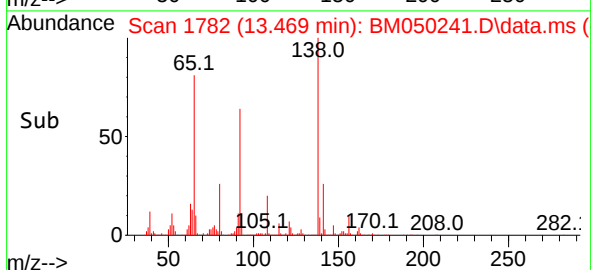
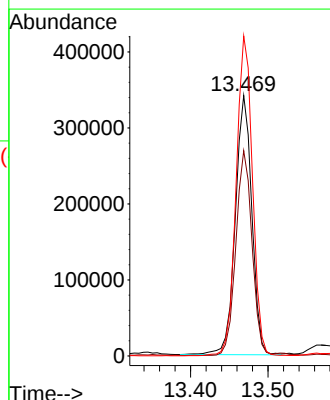
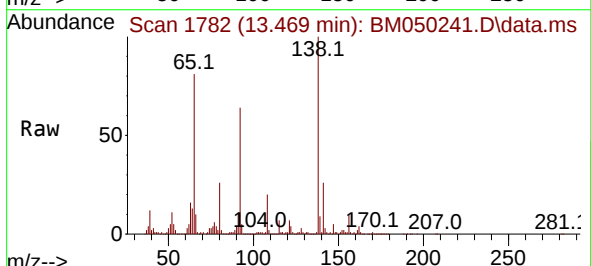
Tgt Ion: 65 Resp: 506865

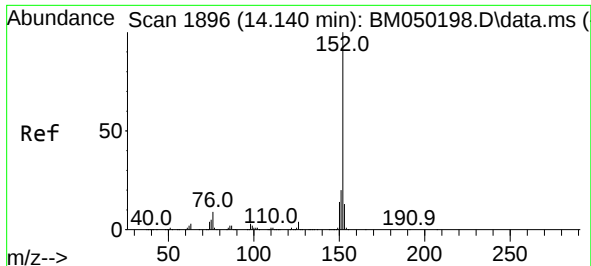
Ion Ratio Lower Upper

65 100

92 78.8 64.2 96.4

138 122.8 101.0 151.4

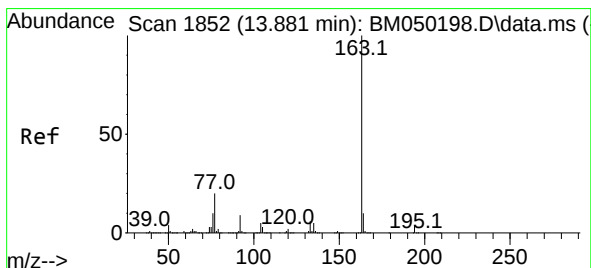
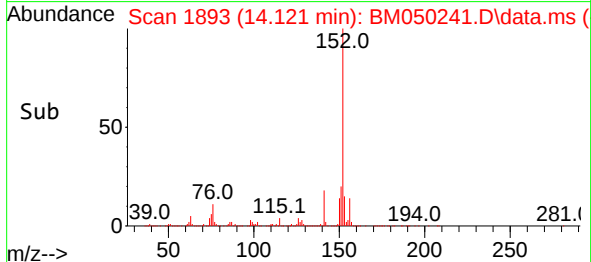
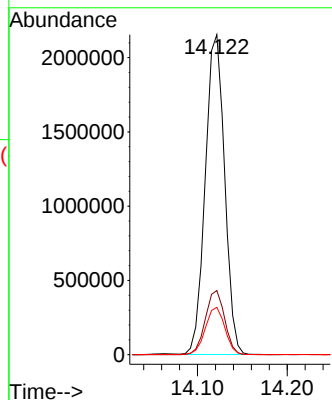
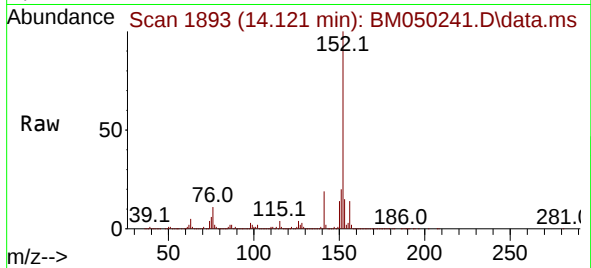




#49  
Acenaphthylene  
Concen: 50.835 ng  
RT: 14.121 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

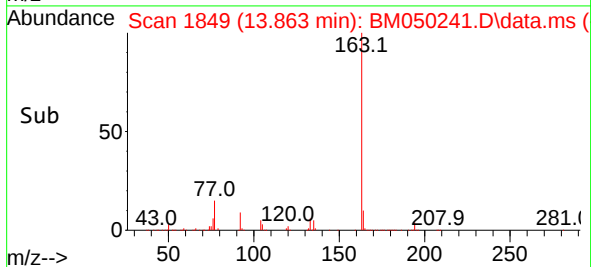
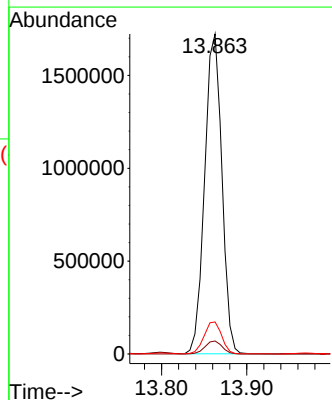
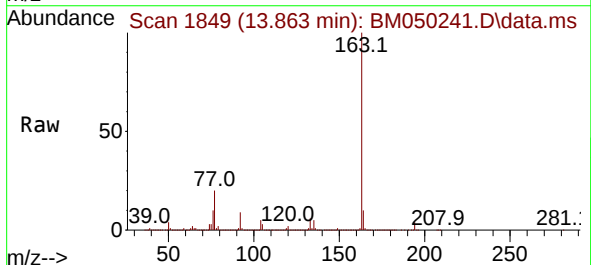
Instrument :  
BNA\_M  
ClientSampleId :

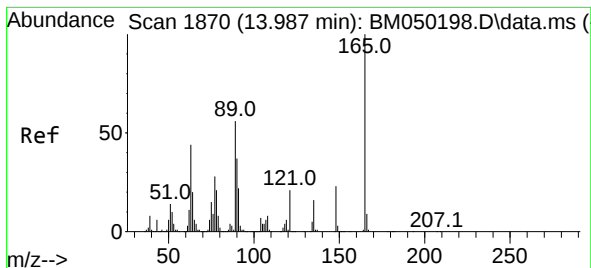
Tgt Ion:152 Resp: 3219411  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.8 23.6  
153 14.8 10.4 15.6



#50  
Dimethylphthalate  
Concen: 53.208 ng  
RT: 13.863 min Scan# 1849  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:163 Resp: 2420352  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 10.0 7.9 11.9

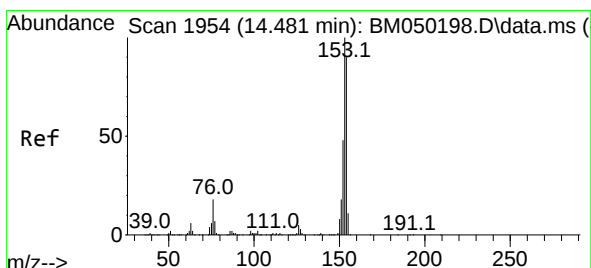
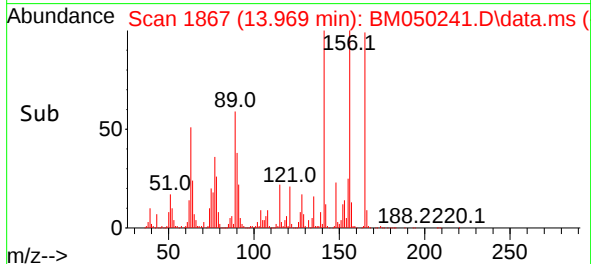
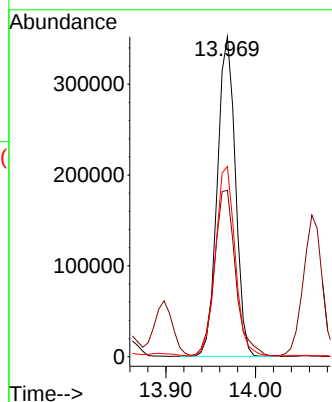
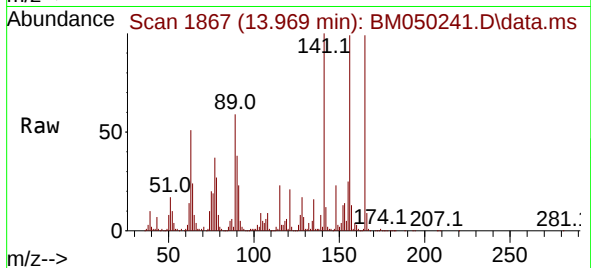




#51  
2,6-Dinitrotoluene  
Concen: 53.715 ng  
RT: 13.969 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

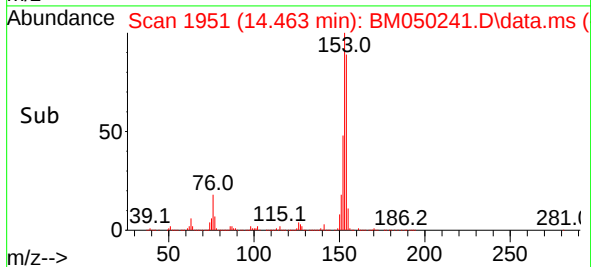
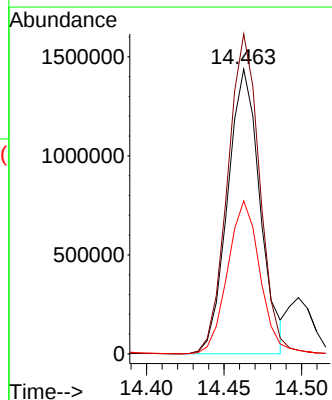
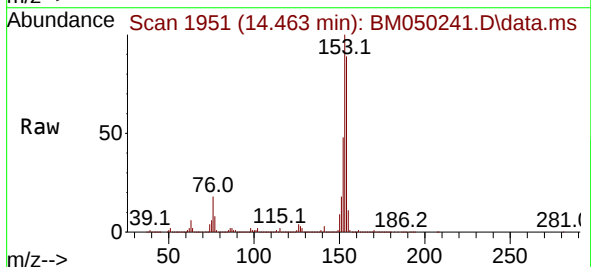
Instrument :  
BNA\_M  
ClientSampleId :

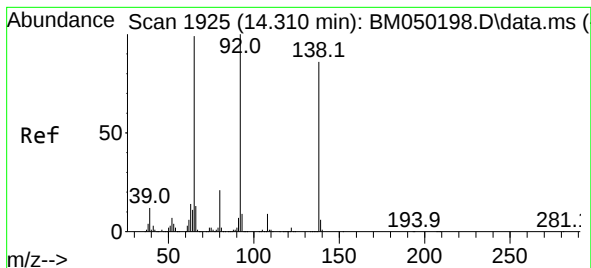
Tgt Ion:165 Resp: 492752  
Ion Ratio Lower Upper  
165 100  
63 52.0 35.8 53.6  
89 59.5 44.8 67.2



#52  
Acenaphthene  
Concen: 52.788 ng  
RT: 14.463 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:154 Resp: 2091043  
Ion Ratio Lower Upper  
154 100  
153 112.4 88.7 133.1  
152 53.7 42.6 63.8

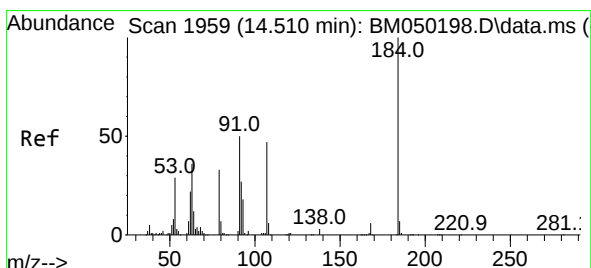
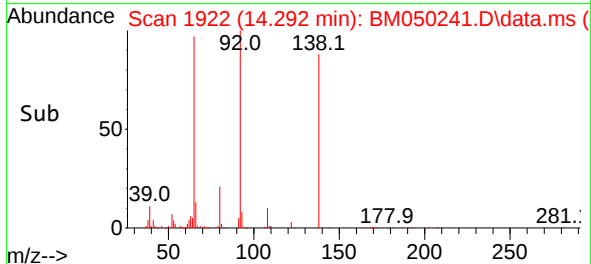
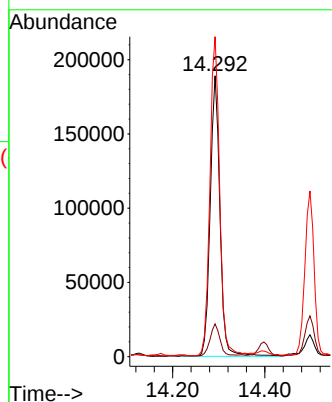
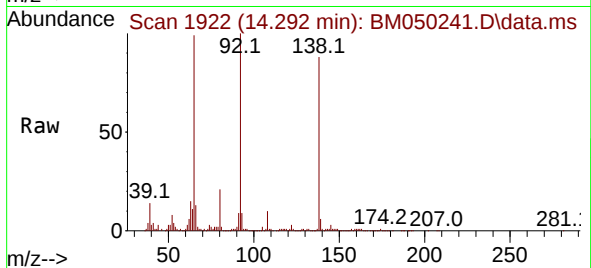




#53  
3-Nitroaniline  
Concen: 27.212 ng  
RT: 14.292 min Scan# 1922  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

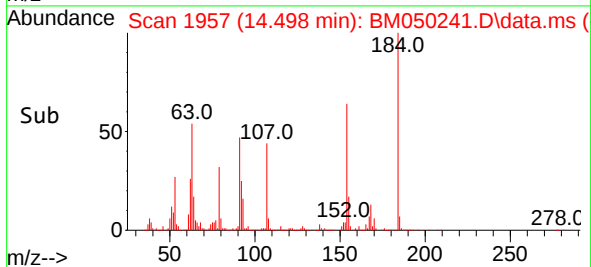
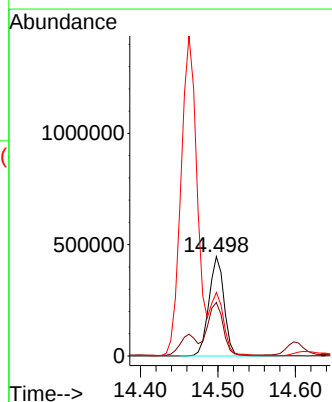
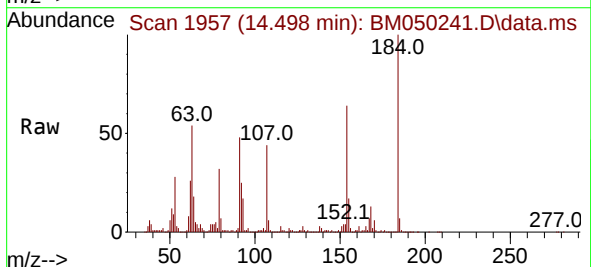
Instrument :  
BNA\_M  
ClientSampleId :

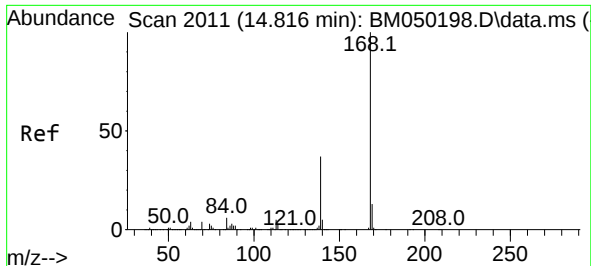
Tgt Ion:138 Resp: 278218  
Ion Ratio Lower Upper  
138 100  
108 11.7 8.8 13.2  
92 113.9 92.9 139.3



#54  
2,4-Dinitrophenol  
Concen: 122.615 ng  
RT: 14.498 min Scan# 1957  
Delta R.T. 0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:184 Resp: 604886  
Ion Ratio Lower Upper  
184 100  
63 53.8 45.3 67.9  
154 63.7 54.3 81.5

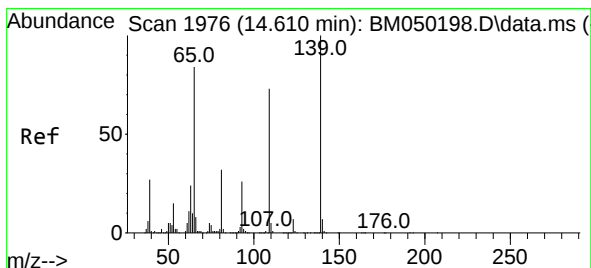
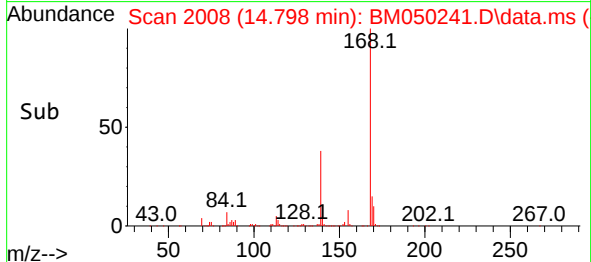
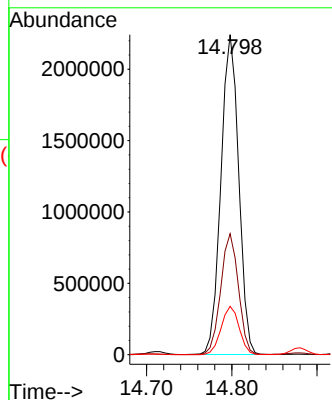
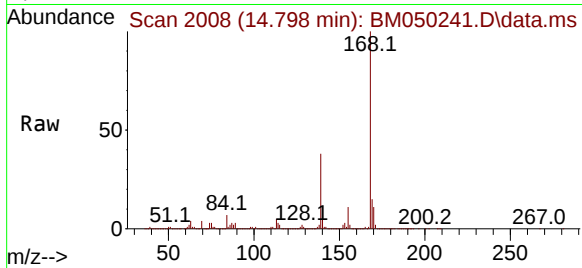




#55  
Dibenzofuran  
Concen: 56.110 ng  
RT: 14.798 min Scan# 2011  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

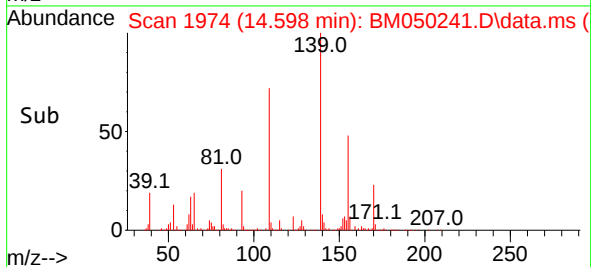
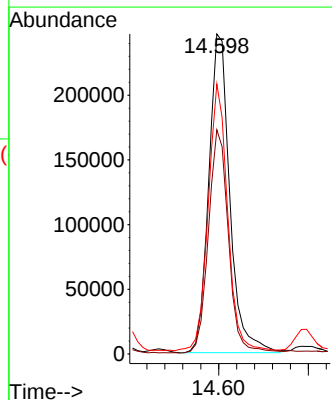
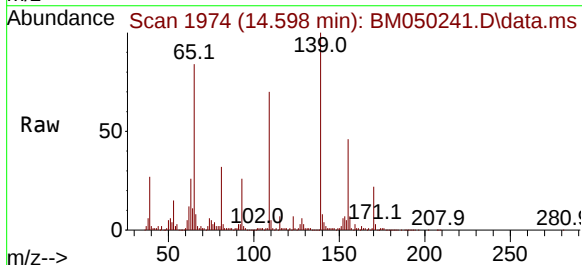
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BNA\_M  
ClientSampleId :

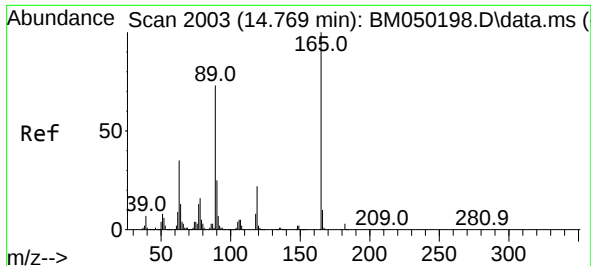
Tgt Ion:168 Resp: 3251696  
Ion Ratio Lower Upper  
168 100  
139 37.8 29.9 44.9  
169 15.1 10.6 16.0



#56  
4-Nitrophenol  
Concen: 46.087 ng  
RT: 14.598 min Scan# 1974  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:139 Resp: 401045  
Ion Ratio Lower Upper  
139 100  
109 70.1 52.6 92.6  
65 84.3 64.3 104.3

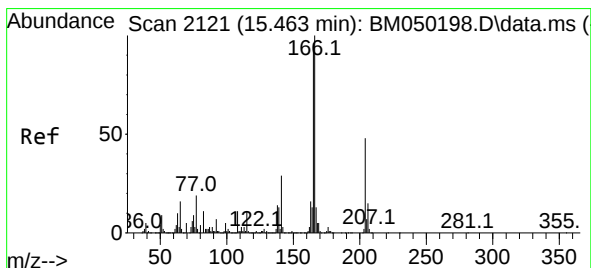
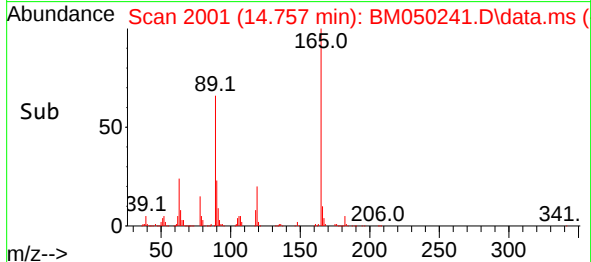
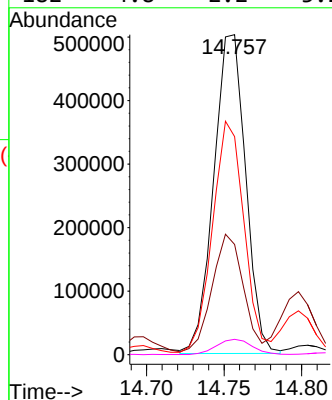
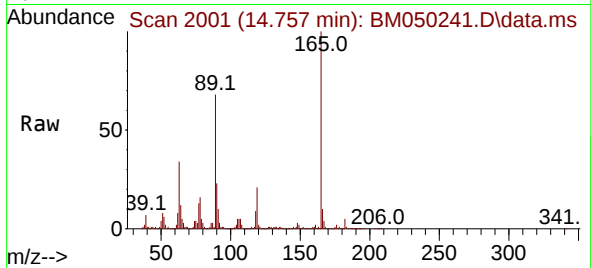




#57  
2,4-Dinitrotoluene  
Concen: 59.521 ng  
RT: 14.757 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

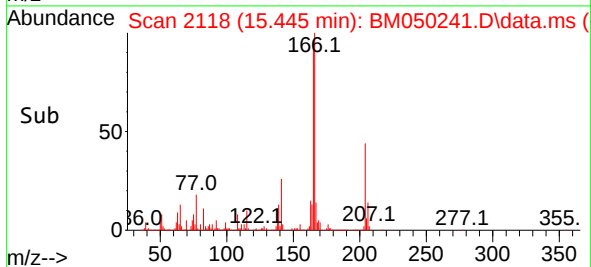
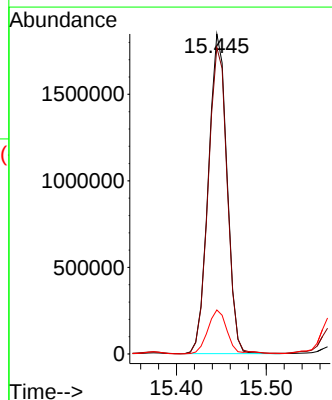
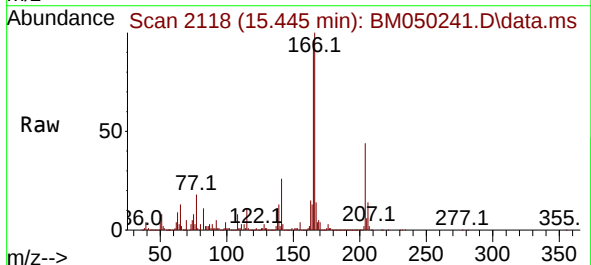
Instrument :  
BNA\_M  
ClientSampleId :

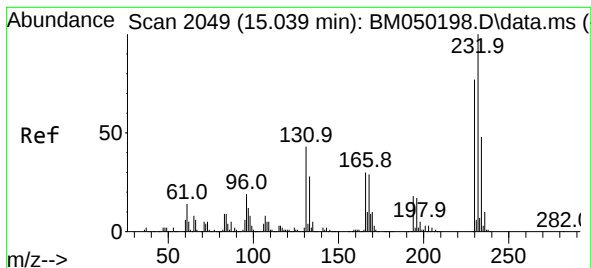
Tgt Ion:165 Resp: 720272  
Ion Ratio Lower Upper  
165 100  
63 34.4 28.4 42.6  
89 68.1 58.0 87.0  
182 4.8 2.2 3.2#



#58  
Fluorene  
Concen: 59.920 ng  
RT: 15.445 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

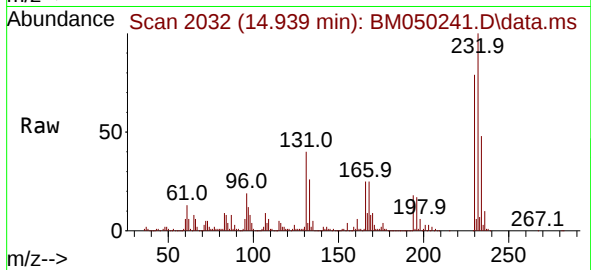
Tgt Ion:166 Resp: 2659647  
Ion Ratio Lower Upper  
166 100  
165 95.7 77.0 115.4  
167 13.7 10.7 16.1



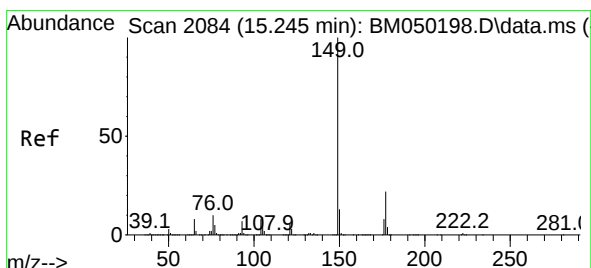
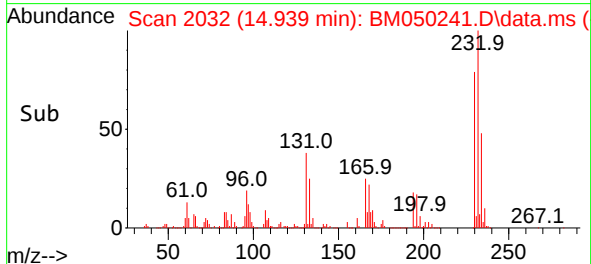
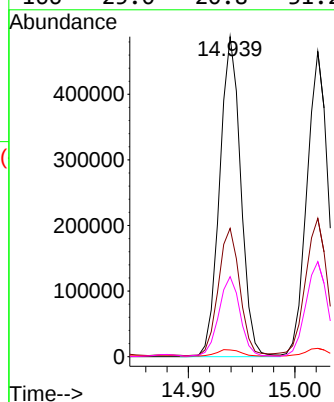


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 55.286 ng  
RT: 14.939 min Scan# 2032  
Delta R.T. -0.082 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Instrument :  
BNA\_M  
ClientSampleId :

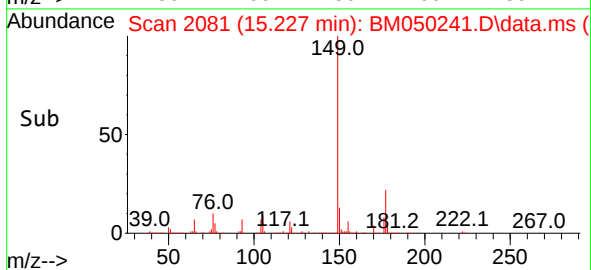
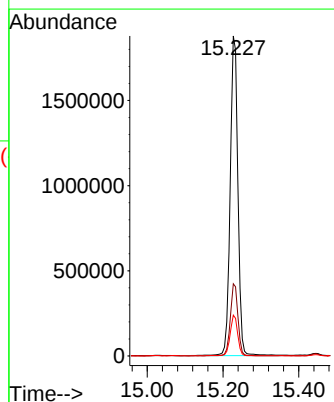
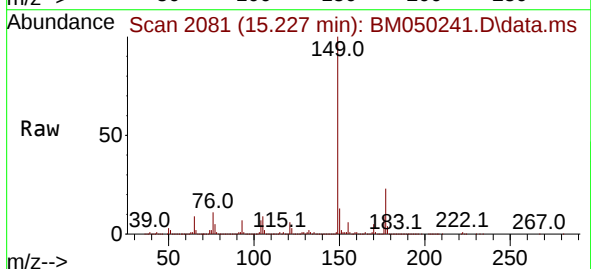


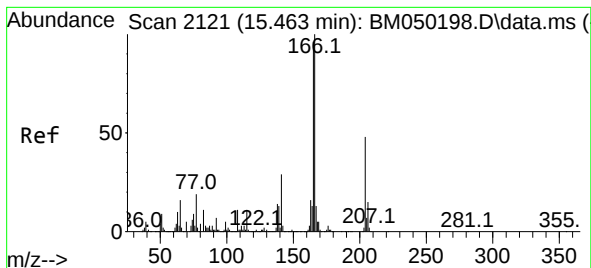
Tgt Ion:232 Resp: 670776  
Ion Ratio Lower Upper  
232 100  
131 40.4 32.9 49.3  
130 2.3 1.8 2.8  
166 25.0 20.8 31.2



#60  
Diethylphthalate  
Concen: 58.887 ng  
RT: 15.227 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:149 Resp: 2657786  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.2 25.8  
150 12.7 10.0 15.0

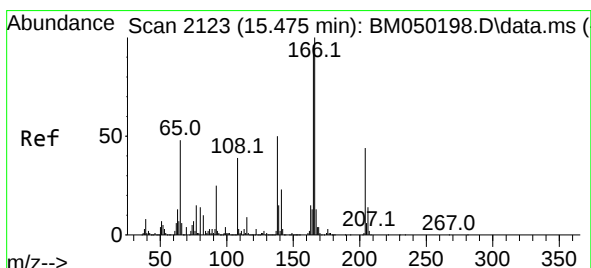
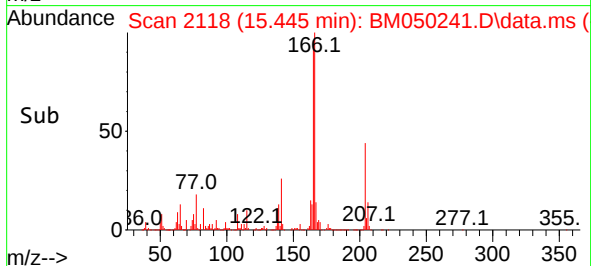
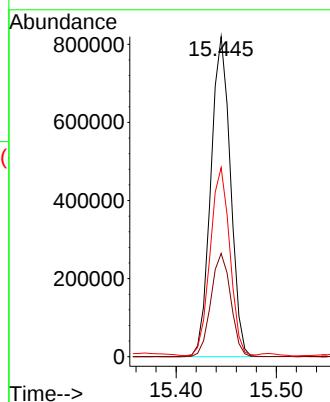
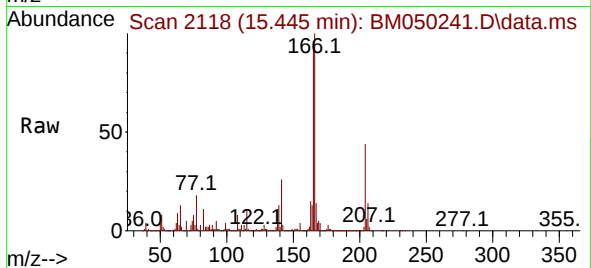




#61  
4-Chlorophenyl-phenylether  
Concen: 52.062 ng  
RT: 15.445 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

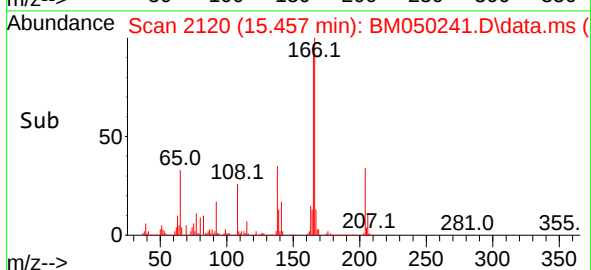
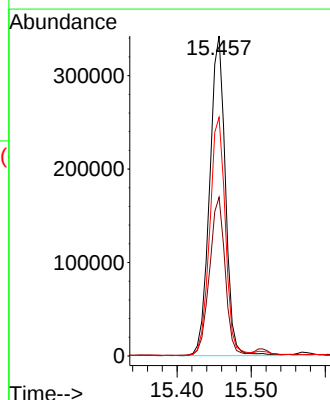
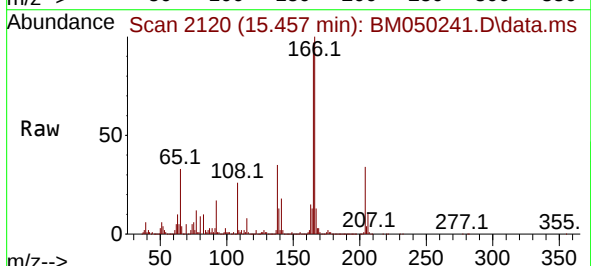
Instrument :  
BNA\_M  
ClientSampleId :

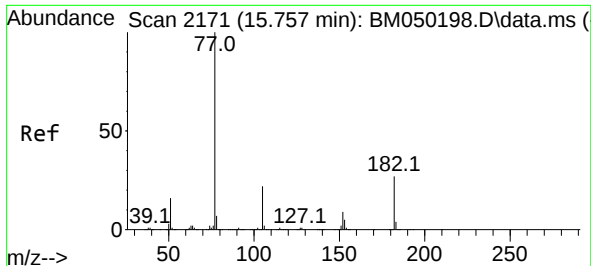
Tgt Ion:204 Resp: 1116837  
Ion Ratio Lower Upper  
204 100  
206 32.3 25.4 38.0  
141 59.1 47.9 71.9



#62  
4-Nitroaniline  
Concen: 52.681 ng  
RT: 15.457 min Scan# 2120  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

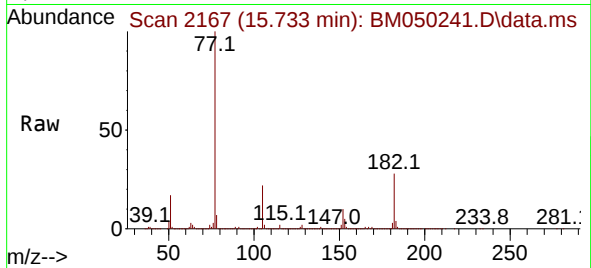
Tgt Ion:138 Resp: 504811  
Ion Ratio Lower Upper  
138 100  
92 49.6 28.8 68.8  
108 74.6 58.1 98.1



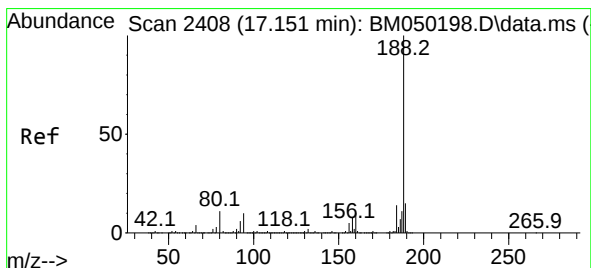
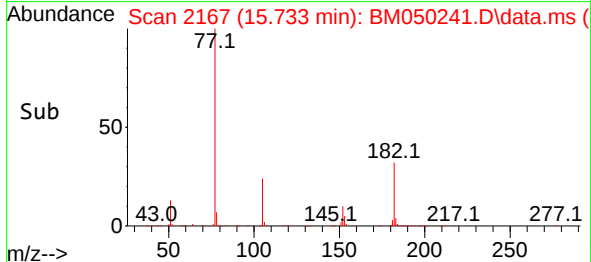
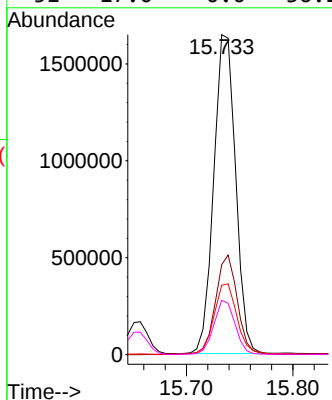


#63  
Azobenzene  
Concen: 51.945 ng  
RT: 15.733 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Instrument :  
BNA\_M  
ClientSampleId :

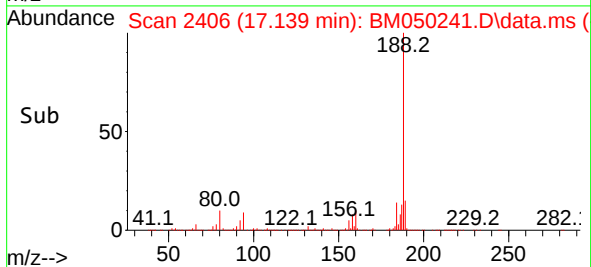
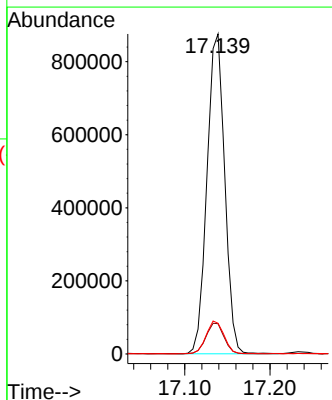
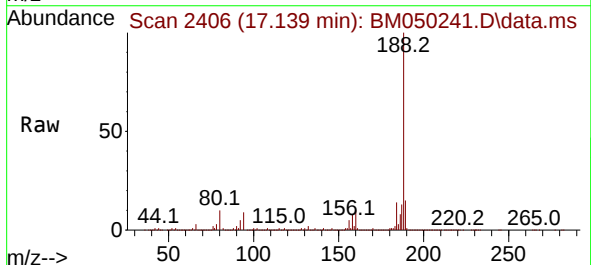


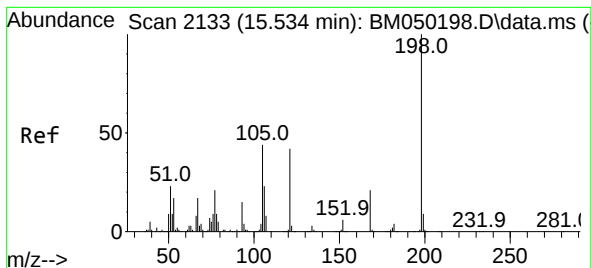
Tgt Ion: 77 Resp: 2343360  
Ion Ratio Lower Upper  
77 100  
182 28.1 6.8 46.8  
105 21.7 1.7 41.7  
51 17.0 0.0 36.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.139 min Scan# 2406  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

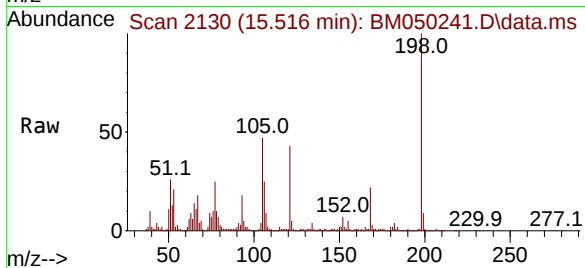
Tgt Ion: 188 Resp: 1263274  
Ion Ratio Lower Upper  
188 100  
94 9.5 8.1 12.1  
80 9.6 8.6 13.0



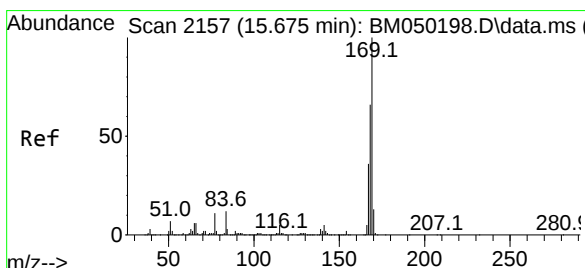
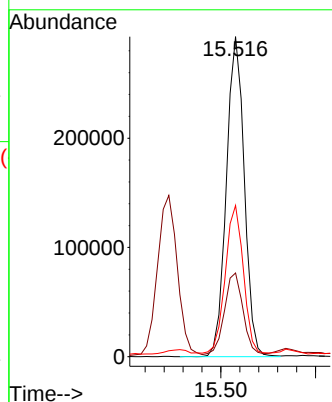
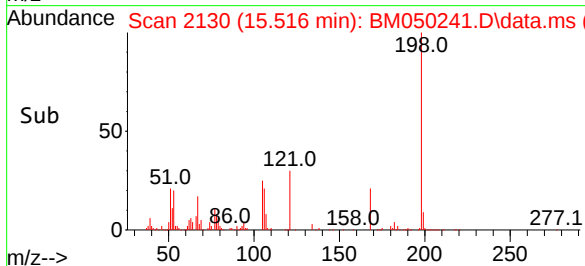


#65  
4,6-Dinitro-2-methylphenol  
Concen: 56.013 ng  
RT: 15.516 min Scan# 2130  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

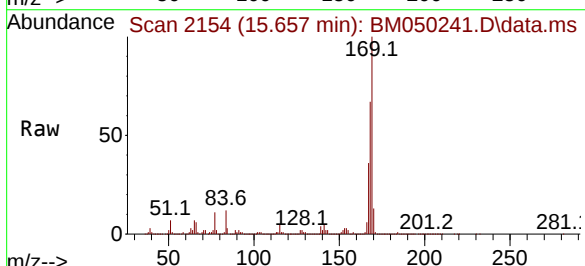
Instrument :  
BNA\_M  
ClientSampleId :



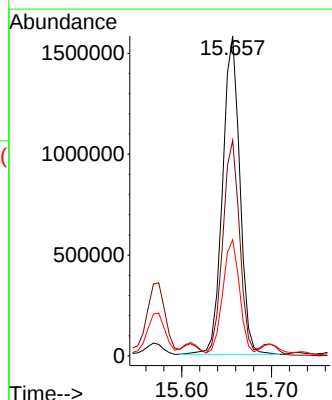
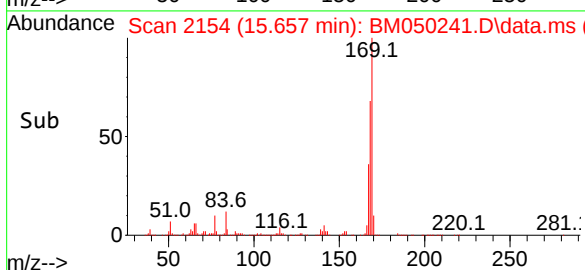
Tgt Ion:198 Resp: 386478  
Ion Ratio Lower Upper  
198 100  
51 26.2 4.5 44.5  
105 47.2 24.9 64.9

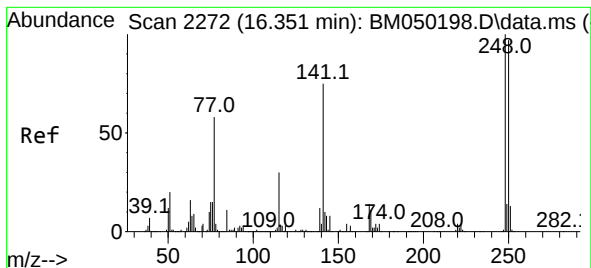


#66  
n-Nitrosodiphenylamine  
Concen: 53.144 ng  
RT: 15.657 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08



Tgt Ion:169 Resp: 2109439  
Ion Ratio Lower Upper  
169 100  
168 67.3 53.1 79.7  
167 36.3 29.0 43.6

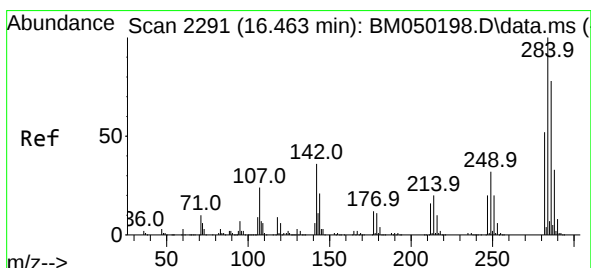
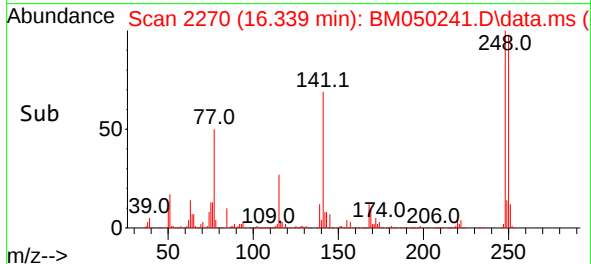
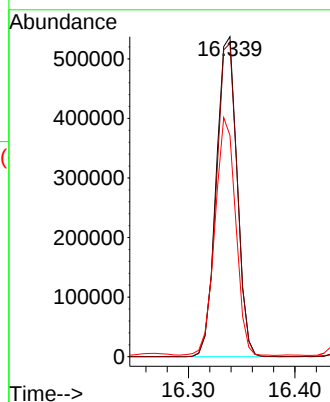
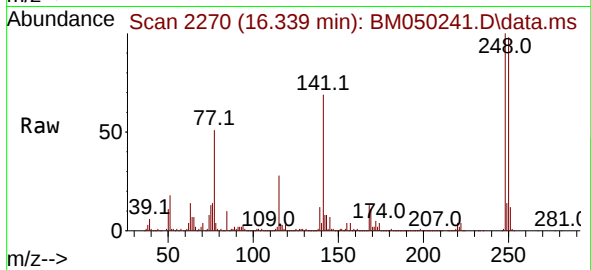




#67  
4-Bromophenyl-phenylether  
Concen: 54.078 ng  
RT: 16.339 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

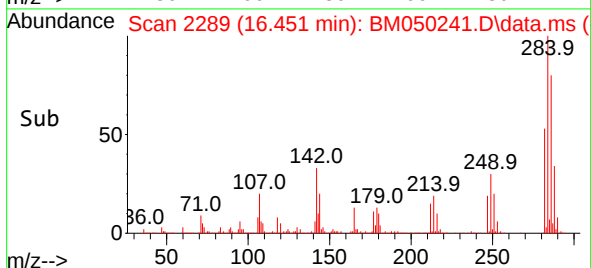
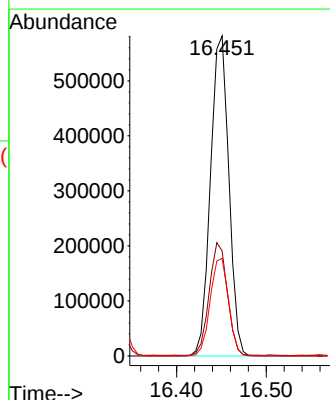
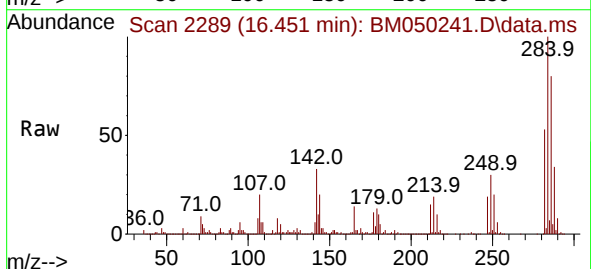
Instrument :  
BNA\_M  
ClientSampleId :

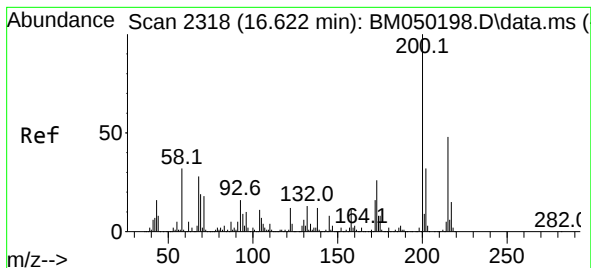
Tgt Ion:248 Resp: 728512  
Ion Ratio Lower Upper  
248 100  
250 97.9 78.0 117.0  
141 69.2 60.1 90.1



#68  
Hexachlorobenzene  
Concen: 52.453 ng  
RT: 16.451 min Scan# 2289  
Delta R.T. 0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:284 Resp: 825570  
Ion Ratio Lower Upper  
284 100  
142 32.9 28.8 43.2  
249 30.5 25.8 38.6





#69

Atrazine

Concen: 58.508 ng

RT: 16.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Instrument :

BNA\_M

ClientSampleId :

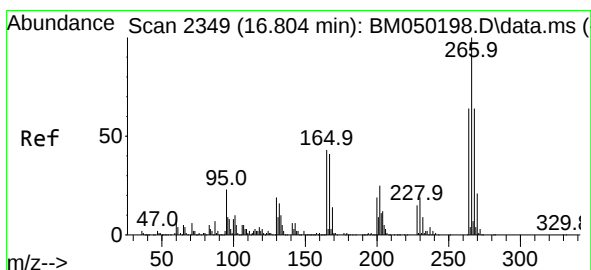
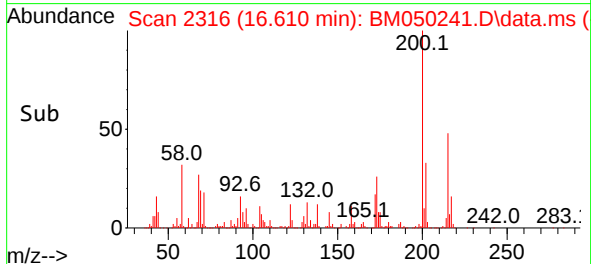
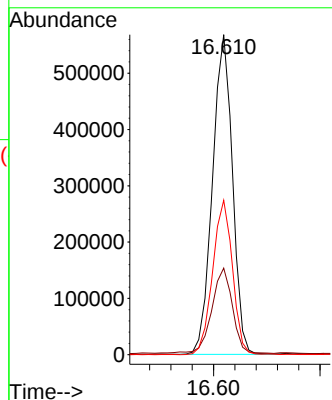
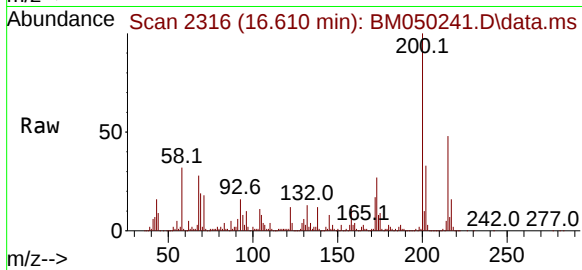
Tgt Ion:200 Resp: 739965

Ion Ratio Lower Upper

200 100

173 27.0 6.0 46.0

215 48.3 28.1 68.1



#70

Pentachlorophenol

Concen: 113.498 ng

RT: 16.786 min Scan# 2346

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

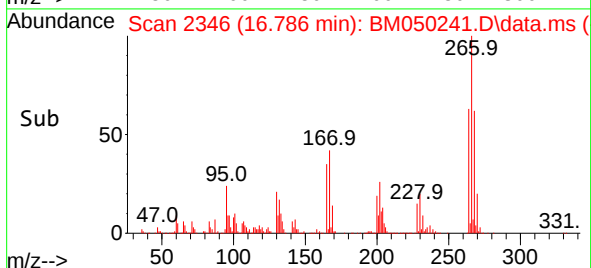
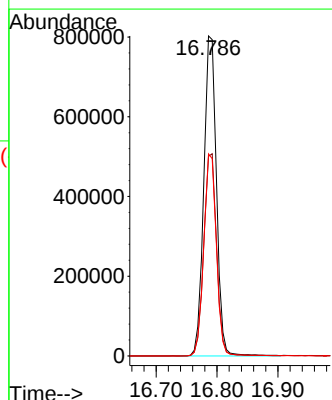
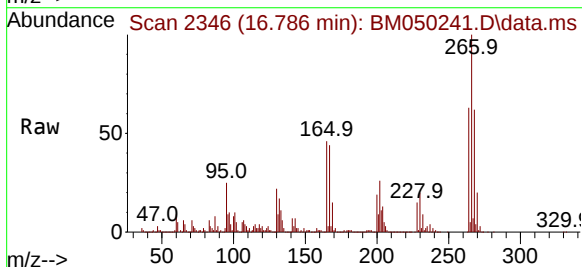
Tgt Ion:266 Resp: 1161426

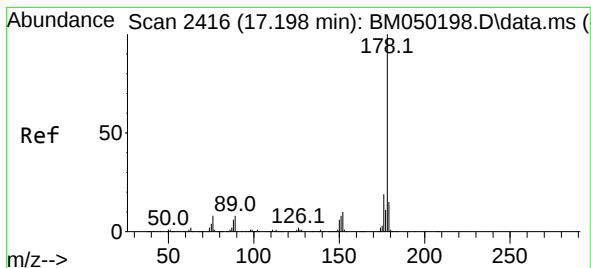
Ion Ratio Lower Upper

266 100

268 62.4 51.0 76.6

264 63.1 50.8 76.2





#71

Phenanthrene

Concen: 58.906 ng

RT: 17.180 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

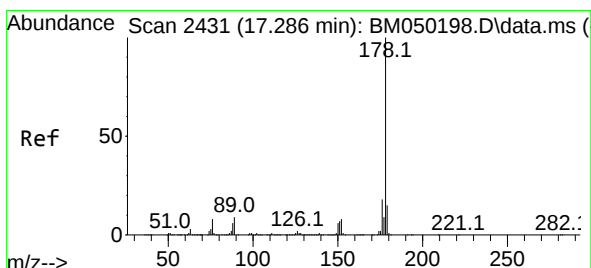
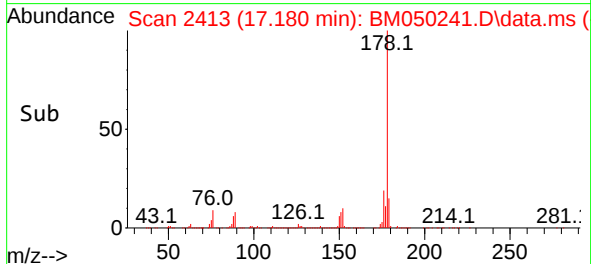
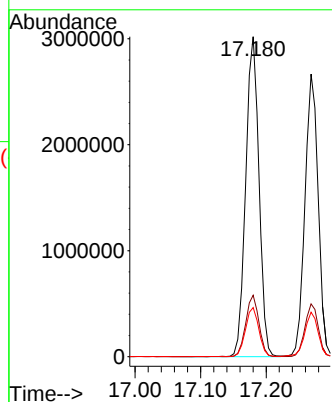
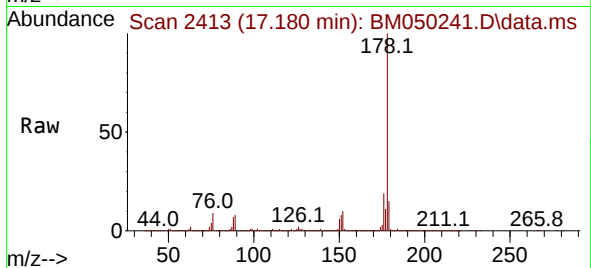
Instrument :

BNA\_M

ClientSampleId :

Tgt Ion:178 Resp: 4251041

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.2  | 15.6  | 23.4  |
| 179 | 15.4  | 12.3  | 18.5  |



#72

Anthracene

Concen: 51.169 ng

RT: 17.268 min Scan# 2428

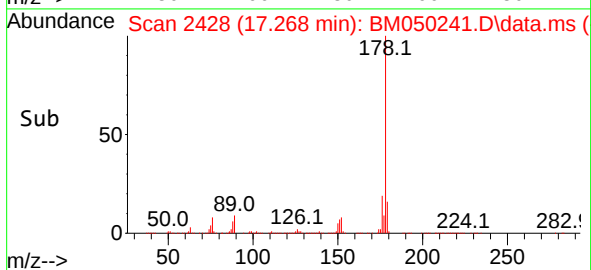
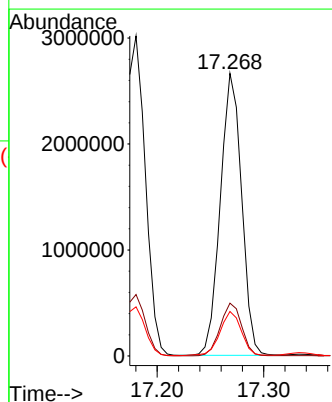
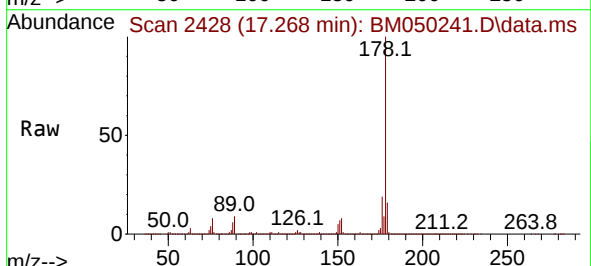
Delta R.T. 0.000 min

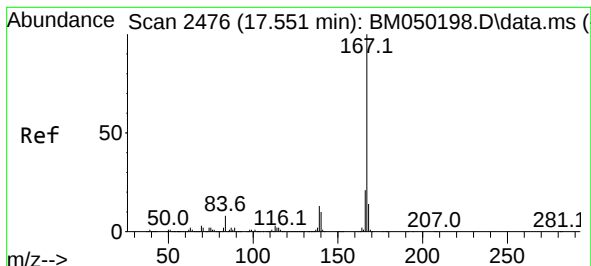
Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Tgt Ion:178 Resp: 3694142

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.7  | 14.8  | 22.2  |
| 179 | 15.7  | 12.3  | 18.5  |





#73

Carbazole

Concen: 53.606 ng

RT: 17.533 min Scan# 24

Delta R.T. 0.000 min

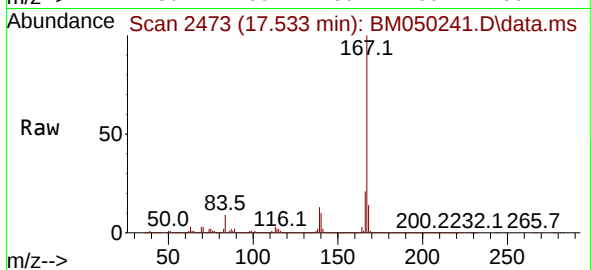
Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Instrument :

BNA\_M

ClientSampleId :



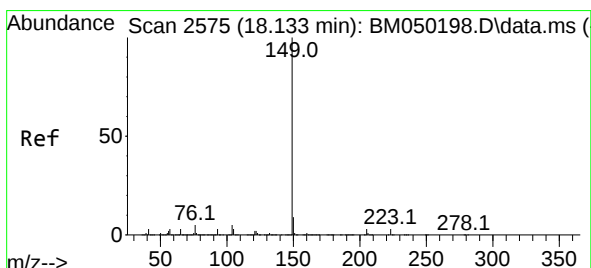
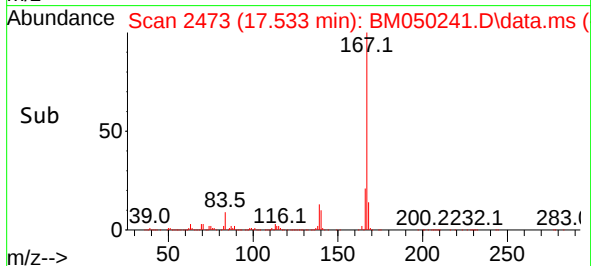
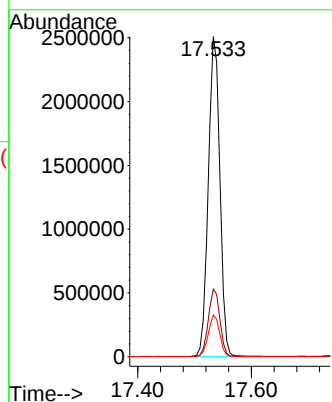
Tgt Ion:167 Resp: 3525760

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

139 13.0 10.2 15.4



#74

Di-n-butylphthalate

Concen: 64.303 ng

RT: 18.115 min Scan# 2572

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

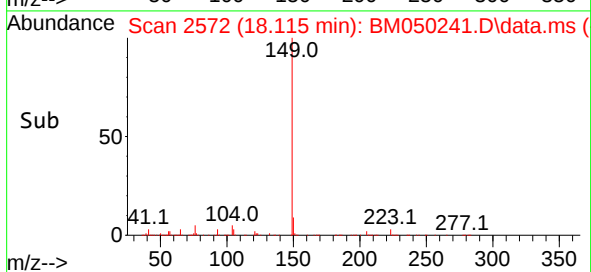
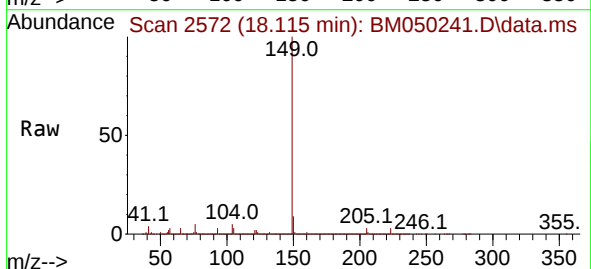
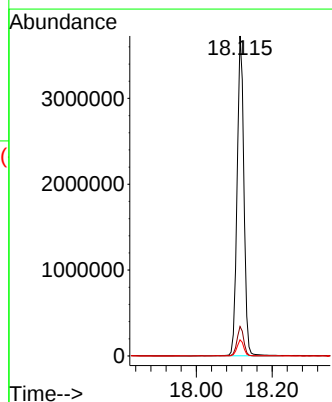
Tgt Ion:149 Resp: 4601778

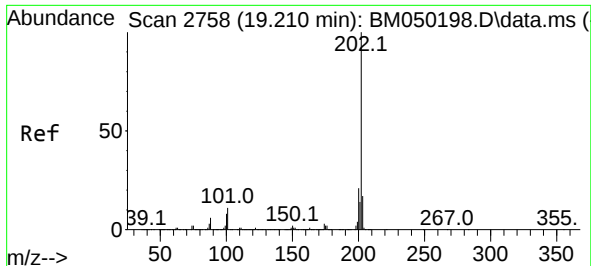
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

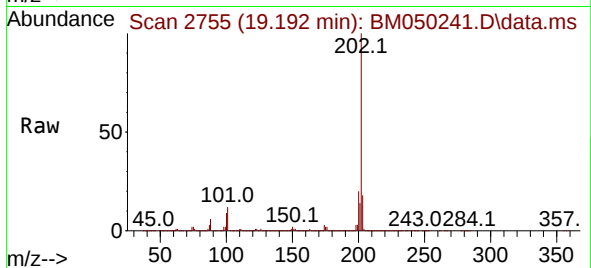
104 5.0 4.0 6.0



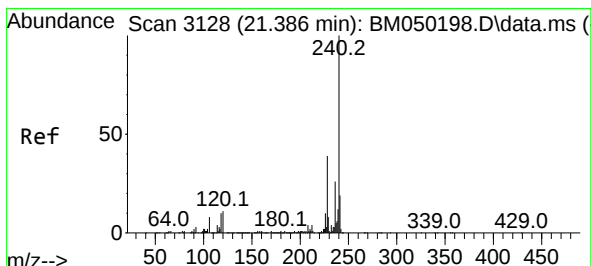
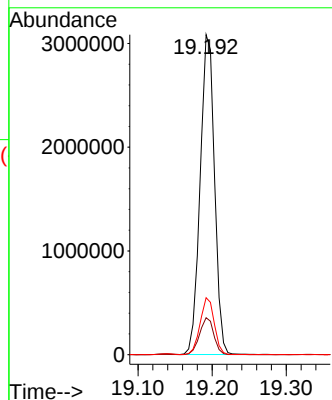
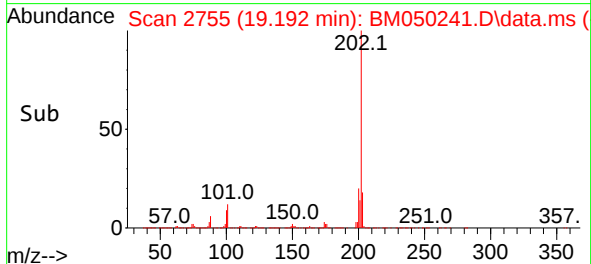


#75  
Fluoranthene  
Concen: 54.540 ng  
RT: 19.192 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

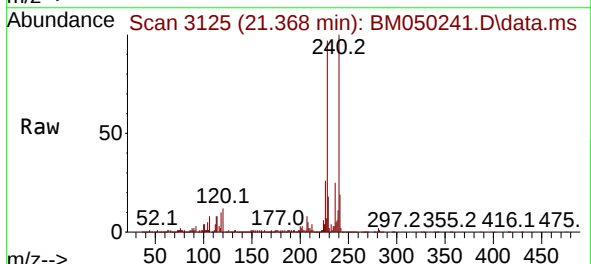
Instrument :  
BNA\_M  
ClientSampleId :



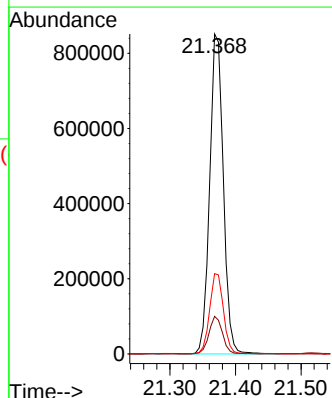
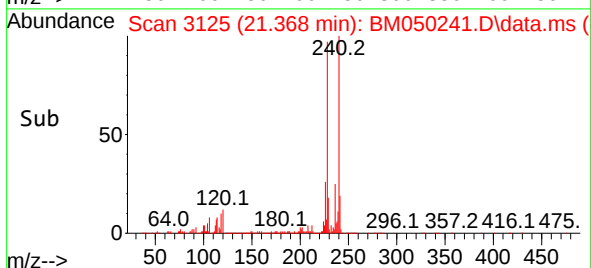
Tgt Ion:202 Resp: 4150751  
Ion Ratio Lower Upper  
202 100  
101 11.5 0.0 31.1  
203 17.8 0.0 37.0

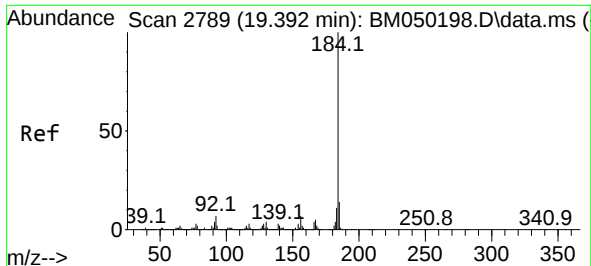


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.368 min Scan# 3125  
Delta R.T. -0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08



Tgt Ion:240 Resp: 1232808  
Ion Ratio Lower Upper  
240 100  
120 11.7 9.0 13.4  
236 25.1 20.7 31.1

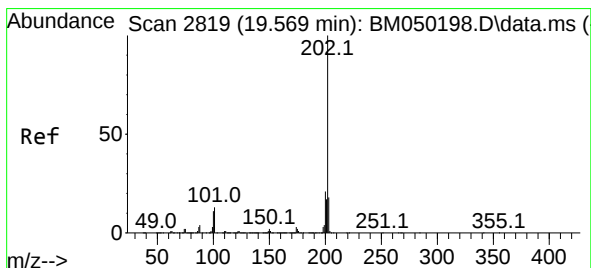
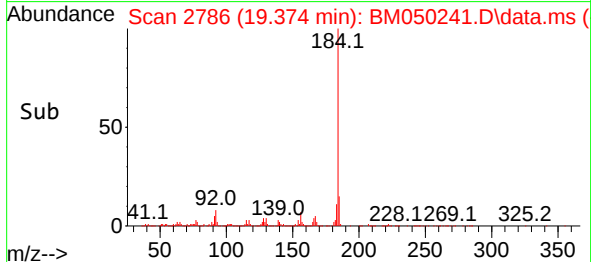
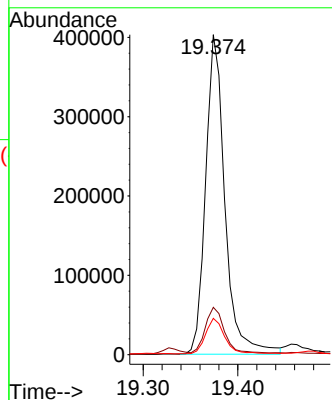
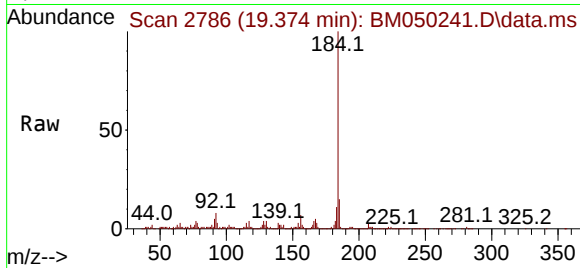




#77  
Benzidine  
Concen: 16.433 ng  
RT: 19.374 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

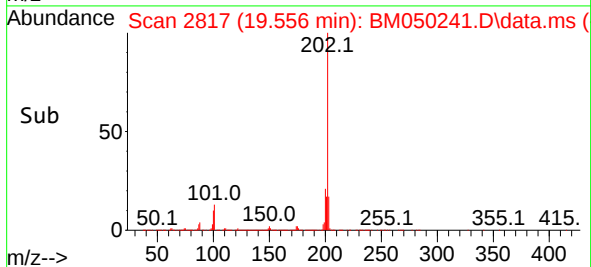
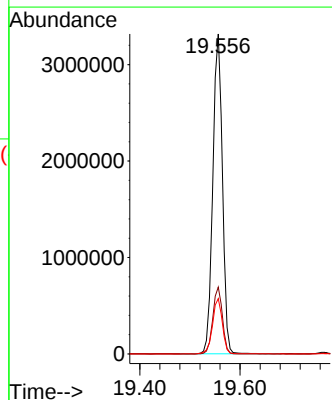
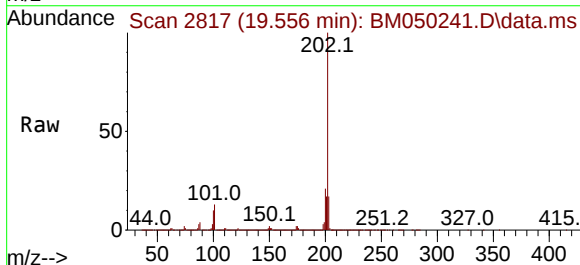
Instrument :  
BNA\_M  
ClientSampleId :

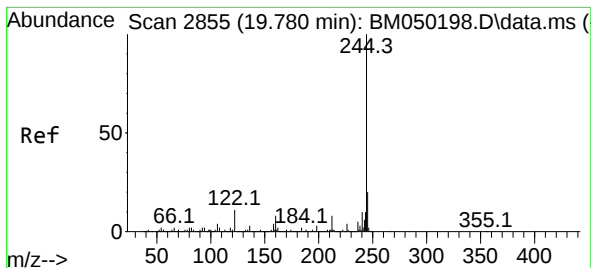
Tgt Ion:184 Resp: 569686  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.5 17.3  
183 11.4 9.0 13.4



#78  
Pyrene  
Concen: 53.023 ng  
RT: 19.556 min Scan# 2817  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:202 Resp: 4405786  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.7 25.1  
203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 92.434 ng

RT: 19.768 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Instrument :

BNA\_M

ClientSampleId :

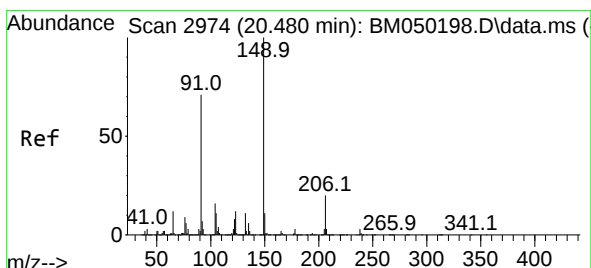
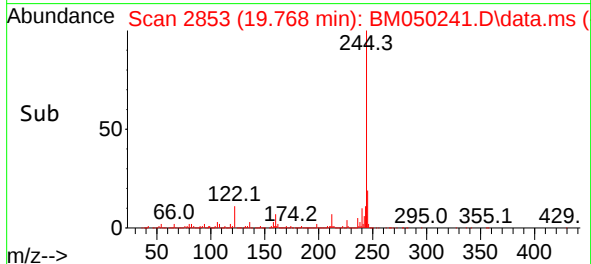
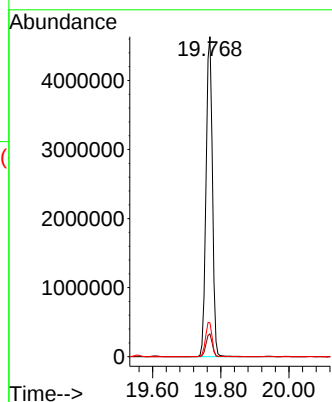
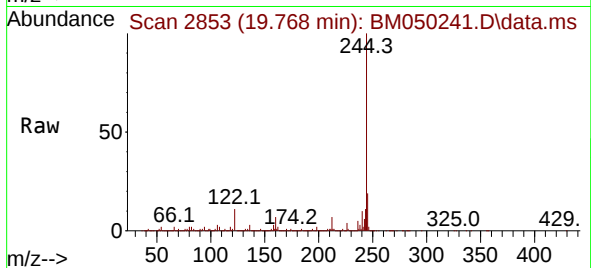
Tgt Ion:244 Resp: 6013290

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.6 8.6 12.8



#80

Butylbenzylphthalate

Concen: 67.260 ng

RT: 20.468 min Scan# 2972

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

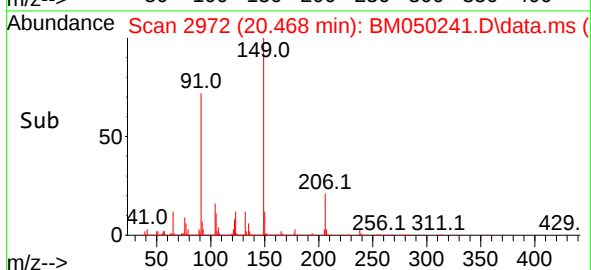
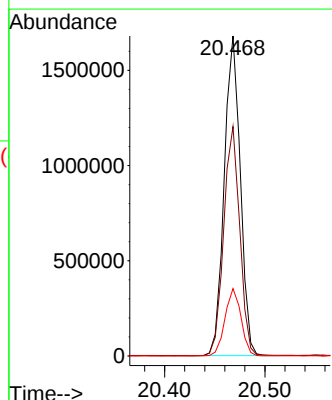
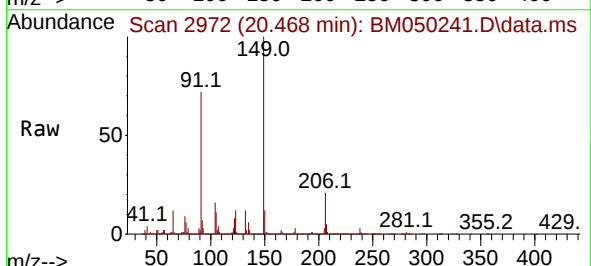
Tgt Ion:149 Resp: 1864215

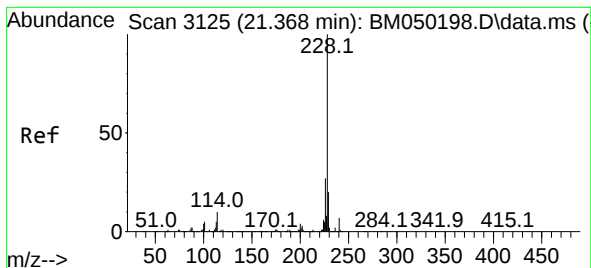
Ion Ratio Lower Upper

149 100

91 71.7 56.9 85.3

206 21.0 16.1 24.1





#81

Benzo(a)anthracene

Concen: 53.257 ng

RT: 21.350 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Instrument :

BNA\_M

ClientSampleId :

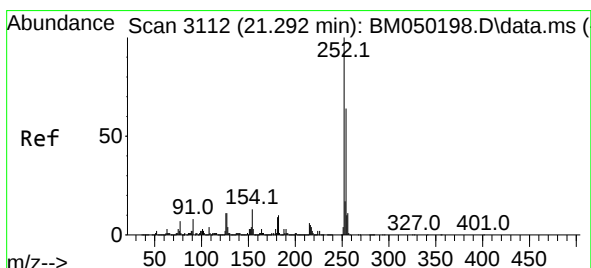
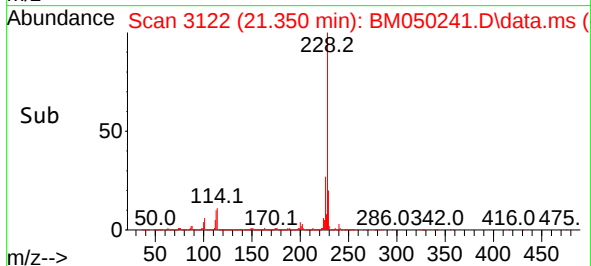
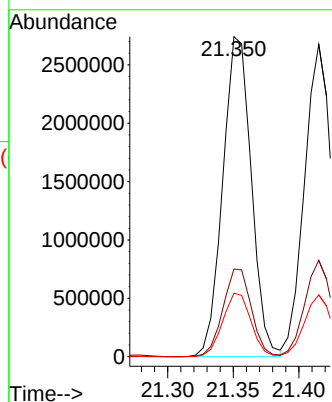
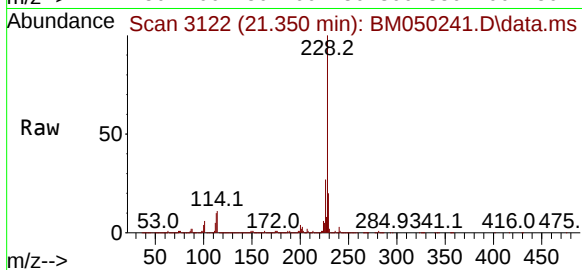
Tgt Ion:228 Resp: 4155727

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 53.001 ng

RT: 21.274 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

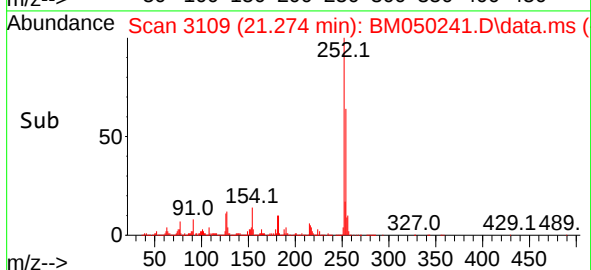
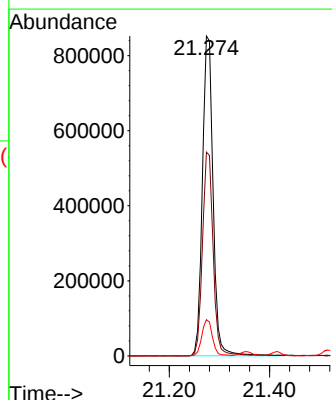
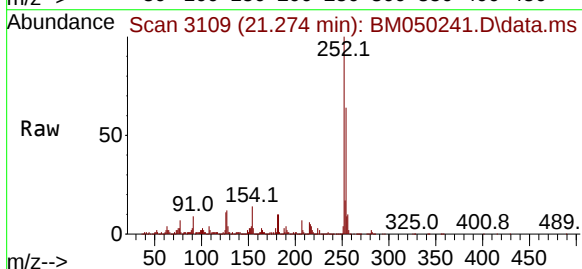
Tgt Ion:252 Resp: 1261208

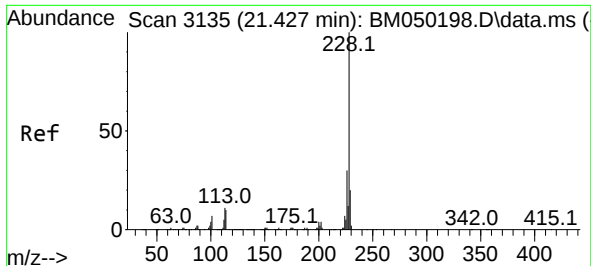
Ion Ratio Lower Upper

252 100

254 63.7 51.4 77.0

126 11.3 8.6 12.8

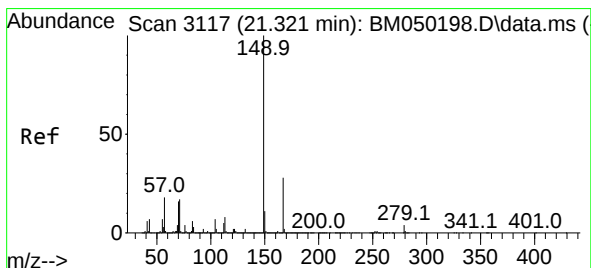
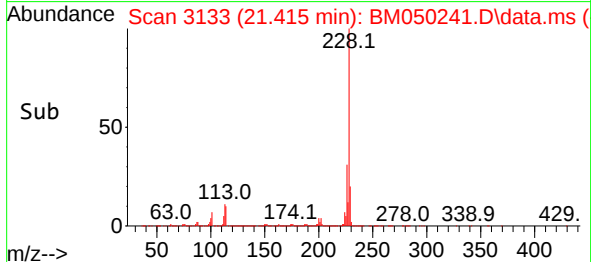
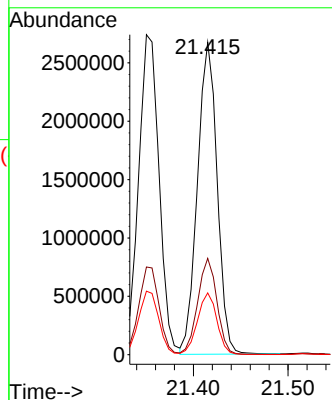
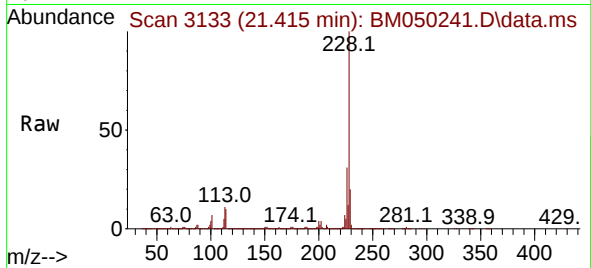




#83  
Chrysene  
Concen: 52.227 ng  
RT: 21.415 min Scan# 3135  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

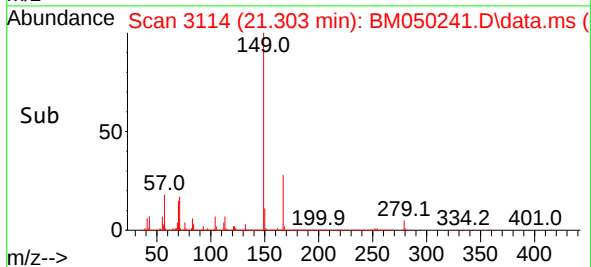
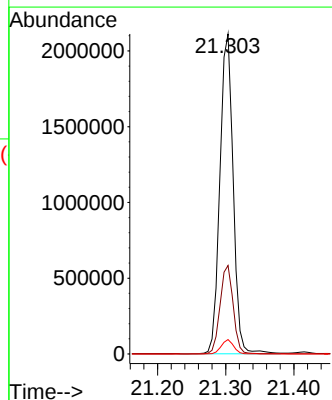
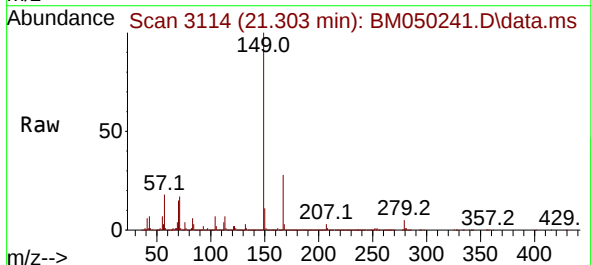
Instrument :  
BNA\_M  
ClientSampleId :

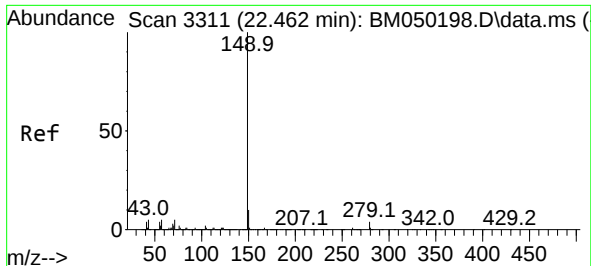
Tgt Ion:228 Resp: 3876537  
Ion Ratio Lower Upper  
228 100  
226 30.9 24.3 36.5  
229 19.8 15.8 23.8



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 66.937 ng  
RT: 21.303 min Scan# 3114  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:149 Resp: 2857713  
Ion Ratio Lower Upper  
149 100  
167 27.7 22.3 33.5  
279 4.5 3.5 5.3

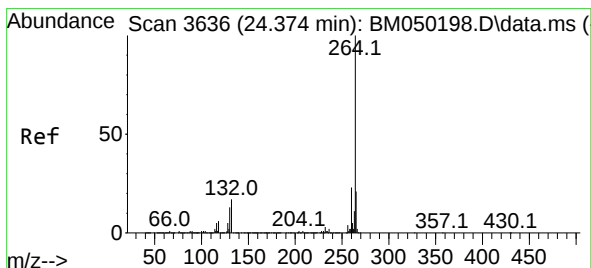
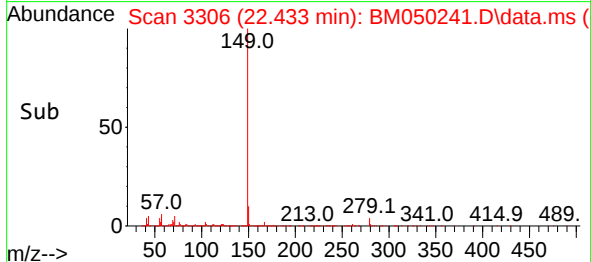
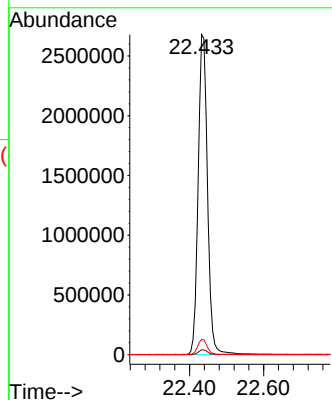
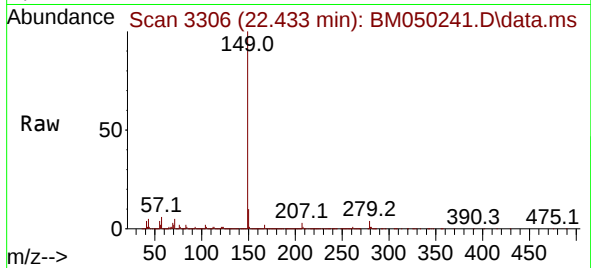




#85  
Di-n-octyl phthalate  
Concen: 73.725 ng  
RT: 22.433 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

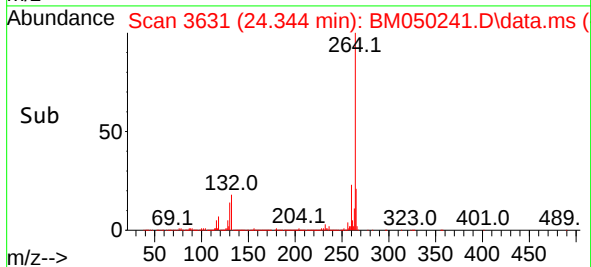
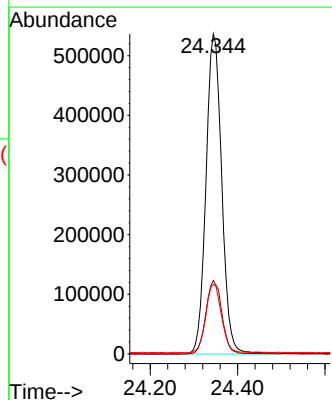
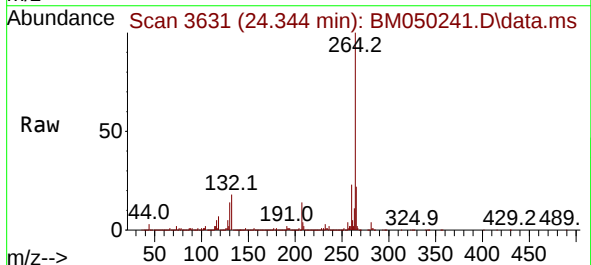
Instrument :  
BNA\_M  
ClientSampleId :

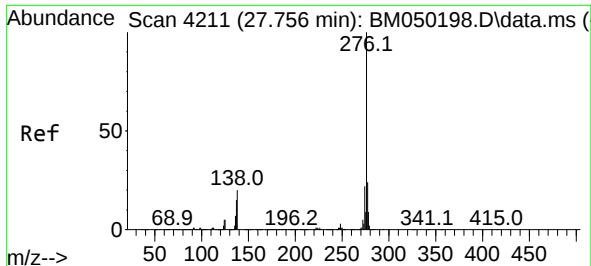
Tgt Ion:149 Resp: 4670562  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 4.8 3.8 5.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.344 min Scan# 3631  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:264 Resp: 1346663  
Ion Ratio Lower Upper  
264 100  
260 22.9 18.6 28.0  
265 21.7 16.8 25.2

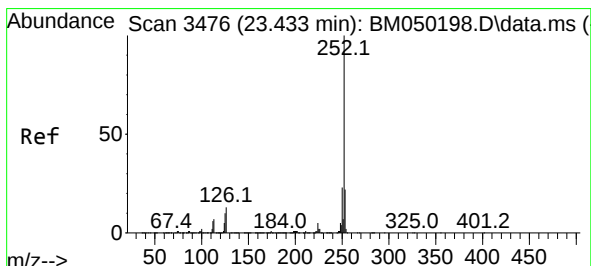
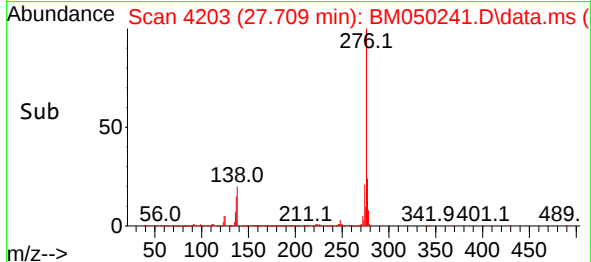
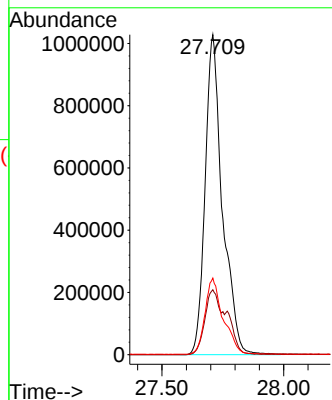
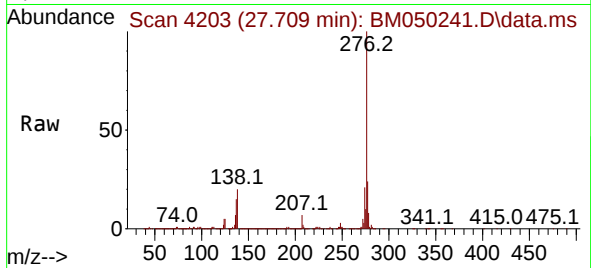




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 58.431 ng  
 RT: 27.709 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: BM050241.D  
 Acq: 09 Jun 2025 14:08

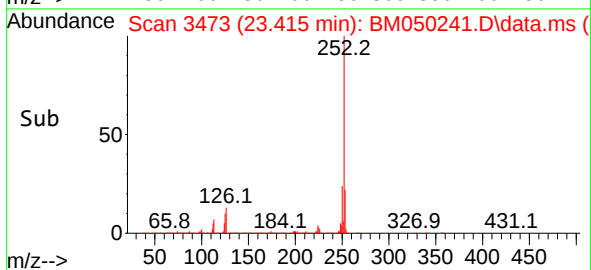
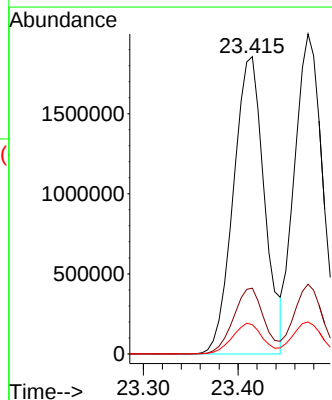
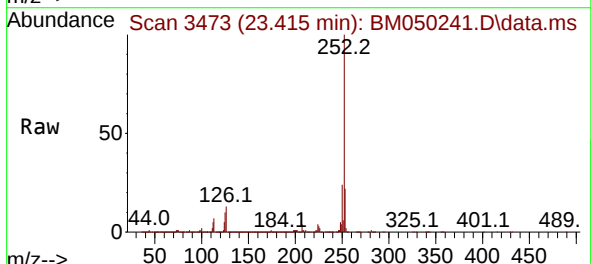
Instrument :  
 BNA\_M  
 ClientSampleId :

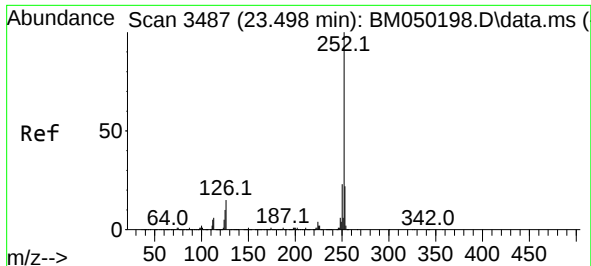
Tgt Ion:276 Resp: 5066448  
 Ion Ratio Lower Upper  
 276 100  
 138 18.8 20.6 30.8#  
 277 24.7 19.8 29.6



#88  
 Benzo(b)fluoranthene  
 Concen: 53.897 ng  
 RT: 23.415 min Scan# 3473  
 Delta R.T. 0.006 min  
 Lab File: BM050241.D  
 Acq: 09 Jun 2025 14:08

Tgt Ion:252 Resp: 4219935  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 17.2 25.8  
 125 9.9 8.2 12.4

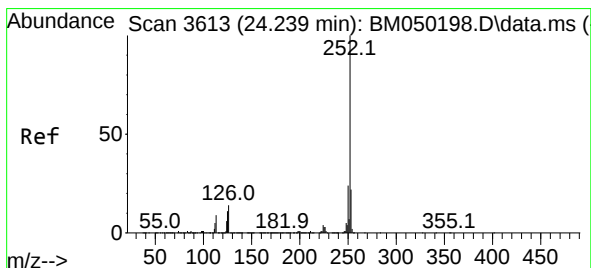
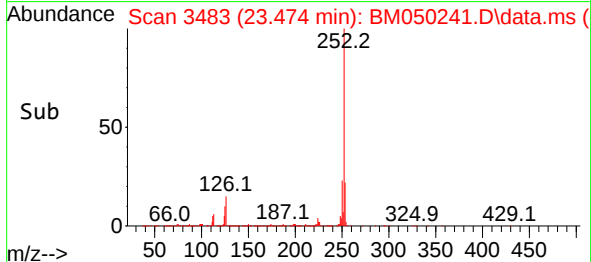
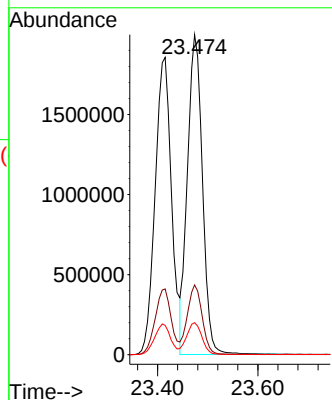
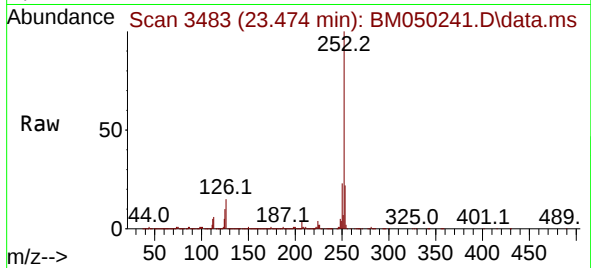




#89  
Benzo(k)fluoranthene  
Concen: 51.842 ng  
RT: 23.474 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

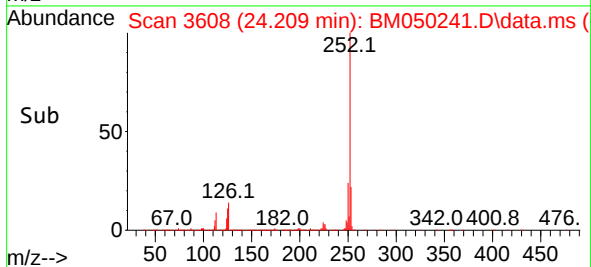
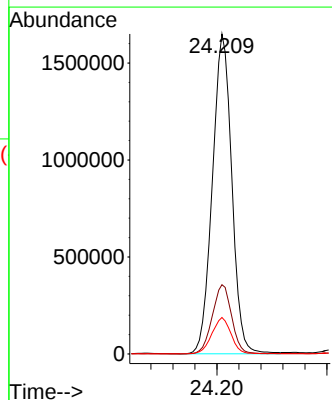
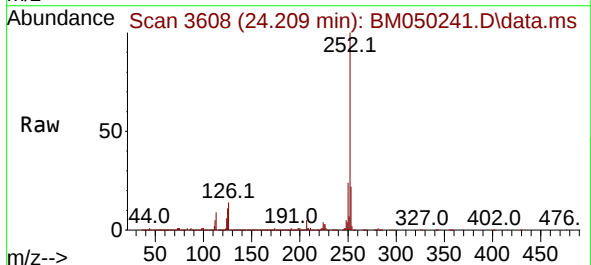
Instrument :  
BNA\_M  
ClientSampleId :

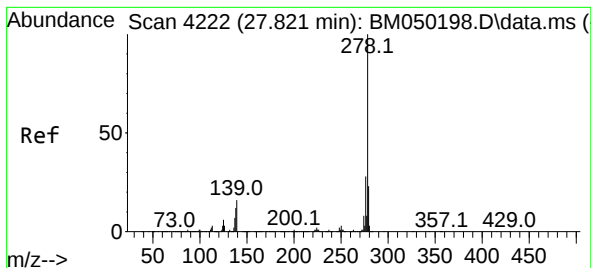
Tgt Ion:252 Resp: 4143643  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.2  
125 10.0 8.2 12.4



#90  
Benzo(a)pyrene  
Concen: 54.859 ng  
RT: 24.209 min Scan# 3608  
Delta R.T. 0.000 min  
Lab File: BM050241.D  
Acq: 09 Jun 2025 14:08

Tgt Ion:252 Resp: 4038417  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.6 26.4  
125 11.4 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 58.744 ng

RT: 27.774 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

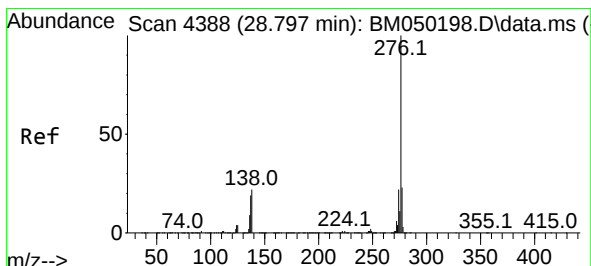
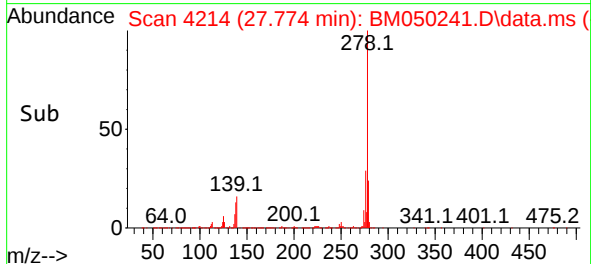
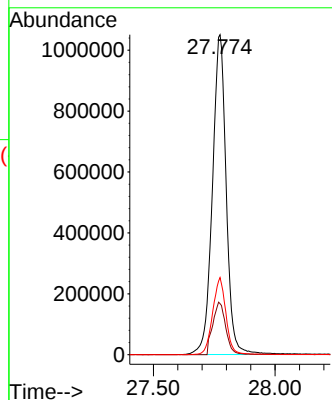
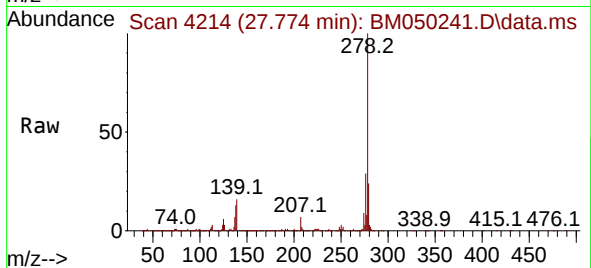
Instrument :

BNA\_M

ClientSampleId :

Tgt Ion:278 Resp: 4134482

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.9  | 12.8  | 19.2  |
| 279 | 24.1  | 18.6  | 28.0  |



#92

Benzo(g,h,i)perylene

Concen: 58.404 ng

RT: 28.750 min Scan# 4380

Delta R.T. 0.000 min

Lab File: BM050241.D

Acq: 09 Jun 2025 14:08

Tgt Ion:276 Resp: 4114165

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.3  | 18.6  | 27.8  |
| 138 | 22.9  | 17.8  | 26.6  |

