

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040425\  
 Data File : BM049829.D  
 Acq On : 04 Apr 2025 18:37  
 Operator : RC/JU  
 Sample : Q1721-02MS 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 AU-05-040325MS

Quant Time: Apr 04 22:55:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 14:55:34 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.787  | 152  | 319524   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.586 | 136  | 1159626  | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.433 | 164  | 781385   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.174 | 188  | 1529677  | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 21.409 | 240  | 1412224  | 20.000 | ng    | -0.02    |
| 86) Perylene-d12              | 24.421 | 264  | 1622359  | 20.000 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.369  | 112  | 418789   | 22.115 | ng    | -0.02    |
| 7) Phenol-d6                  | 6.957  | 99   | 546077   | 22.979 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 8.940  | 82   | 308148   | 13.643 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.921 | 330  | 239914   | 26.294 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.051 | 172  | 825667   | 13.234 | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.792 | 244  | 1059271  | 12.640 | ng    | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.275  | 88   | 66853    | 8.155  | ng    | 98       |
| 3) Pyridine                   | 3.675  | 79   | 183862   | 8.782  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.581  | 42   | 76115    | 8.217  | ng    | # 89     |
| 6) Aniline                    | 7.116  | 93   | 186618   | 9.373  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.357  | 128  | 224696   | 11.982 | ng    | 95       |
| 9) Benzaldehyde               | 6.928  | 77   | 130538   | 11.111 | ng    | 96       |
| 10) Phenol                    | 6.987  | 94   | 268619   | 11.657 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.210  | 93   | 204738   | 10.972 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.681  | 146  | 259456   | 11.385 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.822  | 146  | 262534   | 11.419 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.140  | 146  | 255949   | 11.714 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.028  | 79   | 176093   | 11.808 | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.316  | 45   | 246141   | 11.223 | ng    | 97       |
| 17) 2-Methylphenol            | 8.234  | 107  | 175222   | 12.808 | ng    | 96       |
| 18) Hexachloroethane          | 8.869  | 117  | 85003    | 10.470 | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 8.592  | 70   | 150144   | 10.896 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.563  | 107  | 235777   | 12.860 | ng    | 97       |
| 22) Acetophenone              | 8.610  | 105  | 310779   | 10.394 | ng    | # 97     |
| 24) Nitrobenzene              | 8.987  | 77   | 219802   | 10.321 | ng    | 97       |
| 25) Isophorone                | 9.516  | 82   | 418827   | 12.077 | ng    | 97       |
| 26) 2-Nitrophenol             | 9.698  | 139  | 107243   | 11.831 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.763  | 122  | 200239   | 17.354 | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 9.992  | 93   | 265971   | 10.889 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.234 | 162  | 234314   | 12.463 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.445 | 180  | 266632   | 11.335 | ng    | 98       |
| 31) Naphthalene               | 10.634 | 128  | 672084   | 11.271 | ng    | 99       |
| 32) Benzoic acid              | 9.851  | 122  | 110111   | 11.221 | ng    | 96       |
| 33) 4-Chloroaniline           | 10.739 | 127  | 168784   | 8.294  | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.922 | 225  | 167080   | 11.506 | ng    | 98       |
| 35) Caprolactam               | 11.510 | 113  | 57620    | 13.200 | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 11.875 | 107  | 199134   | 12.342 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.251 | 142  | 454299   | 10.896 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.469 | 142  | 469772   | 11.678 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.622 | 216  | 302721   | 10.547 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.604 | 237  | 61649    | 5.798  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 12.863 | 196  | 193074   | 12.011 | ng    | 97       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 14:55:34 2025  
 Response via : Initial Calibration

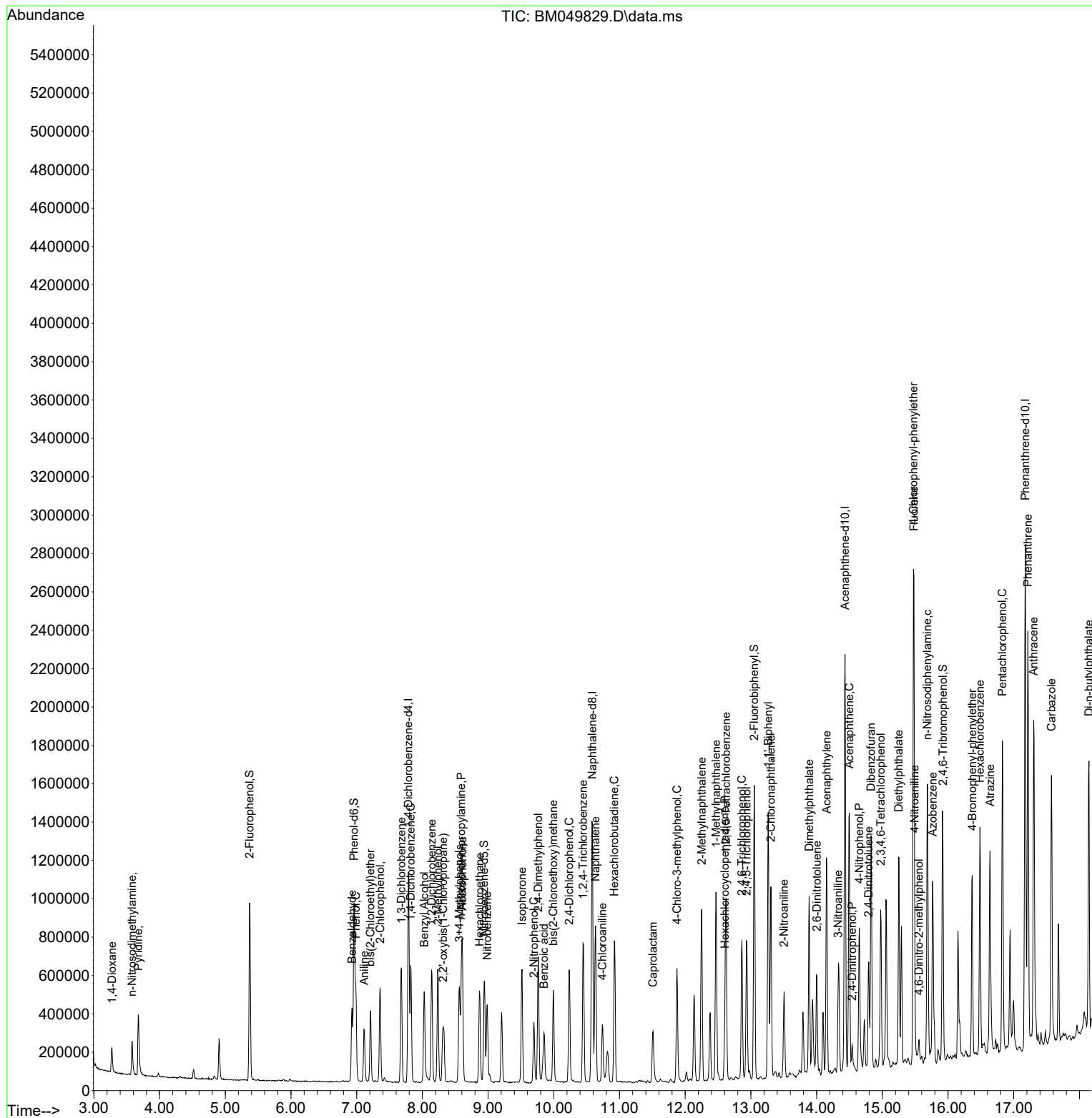
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.933 | 196  | 214642   | 12.236 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.263 | 154  | 657119   | 10.912 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.304 | 162  | 526831   | 11.239 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.504 | 65   | 116547   | 11.076 | ng    | 94       |
| 49) Acenaphthylene            | 14.151 | 152  | 809698   | 12.358 | ng    | 99       |
| 50) Dimethylphthalate         | 13.886 | 163  | 607903   | 11.300 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.004 | 165  | 119068   | 11.046 | ng    | 91       |
| 52) Acenaphthene              | 14.498 | 154  | 498687   | 11.603 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.327 | 138  | 95660    | 9.326  | ng #  | 99       |
| 54) 2,4-Dinitrophenol         | 14.539 | 184  | 30528    | 9.666  | ng    | 97       |
| 55) Dibenzofuran              | 14.827 | 168  | 813576   | 11.361 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.651 | 139  | 221020   | 24.753 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 14.792 | 165  | 163120   | 11.760 | ng    | 92       |
| 58) Fluorene                  | 15.480 | 166  | 692161   | 11.871 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 14.974 | 232  | 183341   | 12.486 | ng    | 91       |
| 60) Diethylphthalate          | 15.251 | 149  | 585778   | 11.561 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.474 | 204  | 332632   | 10.447 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.492 | 138  | 106279   | 11.784 | ng    | 90       |
| 63) Azobenzene                | 15.768 | 77   | 538207   | 11.121 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.557 | 198  | 27336    | 6.849  | ng    | 87       |
| 66) n-Nitrosodiphenylamine    | 15.686 | 169  | 552434   | 11.920 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.368 | 248  | 201975   | 11.436 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.486 | 284  | 232143   | 11.689 | ng    | 99       |
| 69) Atrazine                  | 16.639 | 200  | 195957   | 19.185 | ng    | 99       |
| 70) Pentachlorophenol         | 16.827 | 266  | 297614   | 23.846 | ng    | 99       |
| 71) Phenanthrene              | 17.215 | 178  | 1315428  | 15.487 | ng    | 100      |
| 72) Anthracene                | 17.304 | 178  | 1074203  | 13.059 | ng    | 100      |
| 73) Carbazole                 | 17.574 | 167  | 924533   | 12.410 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.145 | 149  | 1050840  | 12.870 | ng    | 99       |
| 75) Fluoranthene              | 19.233 | 202  | 1412660  | 14.446 | ng    | 99       |
| 77) Benzidine                 | 19.409 | 184  | 668659   | 39.411 | ng    | 99       |
| 78) Pyrene                    | 19.592 | 202  | 1398205  | 14.171 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.492 | 149  | 450830   | 14.723 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.392 | 228  | 1245757  | 13.207 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.315 | 252  | 369370   | 12.027 | ng    | 99       |
| 83) Chrysene                  | 21.450 | 228  | 1131306  | 12.652 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.321 | 149  | 666803   | 13.973 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.450 | 149  | 1156643  | 15.595 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.809 | 276  | 1438682  | 12.321 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.468 | 252  | 1243499  | 11.380 | ng #  | 98       |
| 89) Benzo(k)fluoranthene      | 23.527 | 252  | 1172841  | 10.908 | ng #  | 97       |
| 90) Benzo(a)pyrene            | 24.274 | 252  | 1183985  | 12.900 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 27.868 | 278  | 1139935  | 11.717 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.868 | 276  | 1183328  | 12.075 | ng    | 98       |

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

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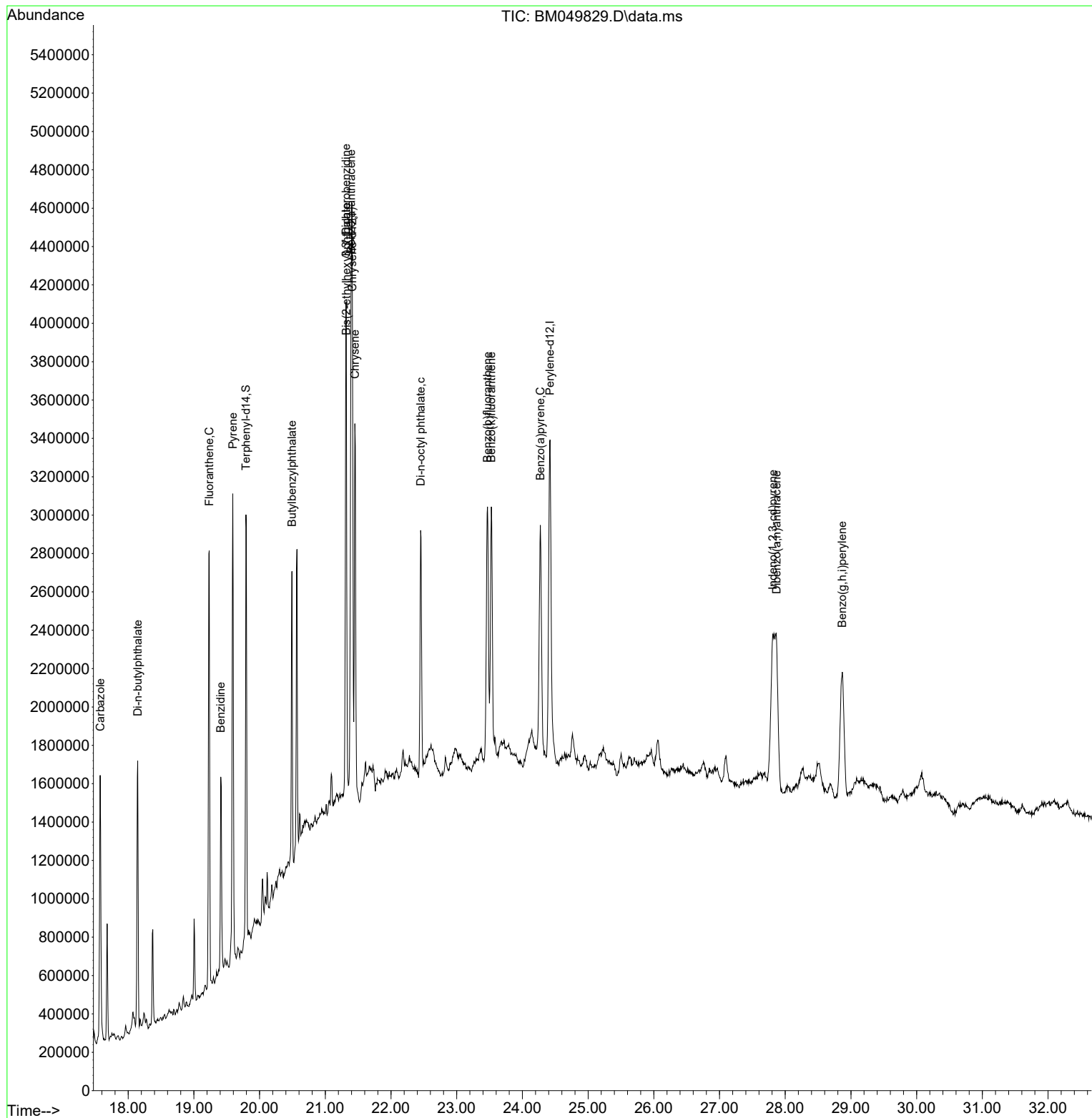
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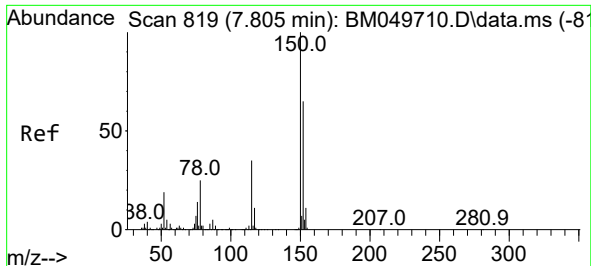


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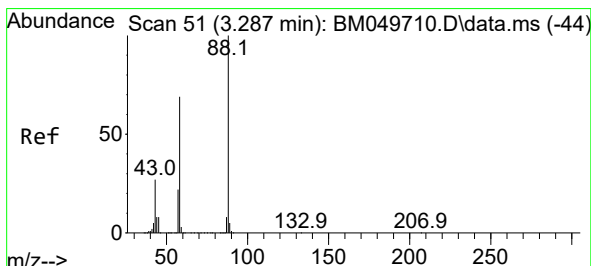
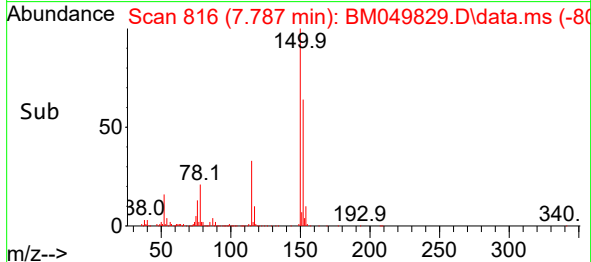
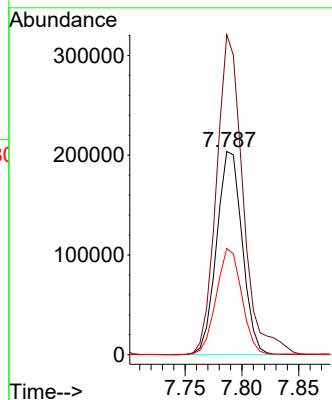
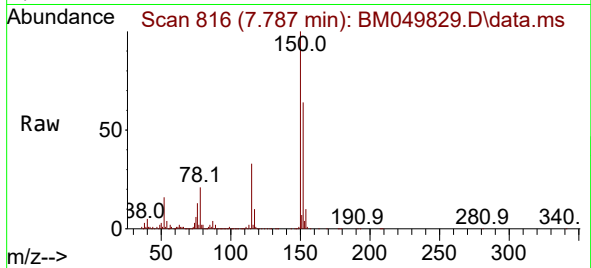




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.787 min Scan# 81  
 Delta R.T. -0.018 min  
 Lab File: BM049829.D  
 Acq: 04 Apr 2025 18:37

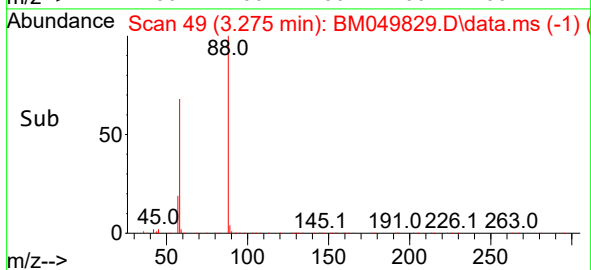
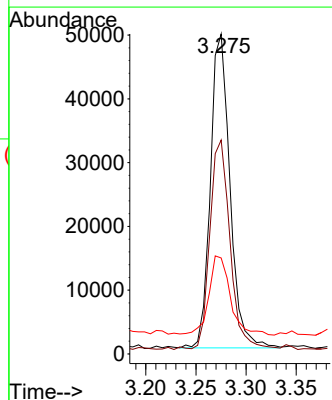
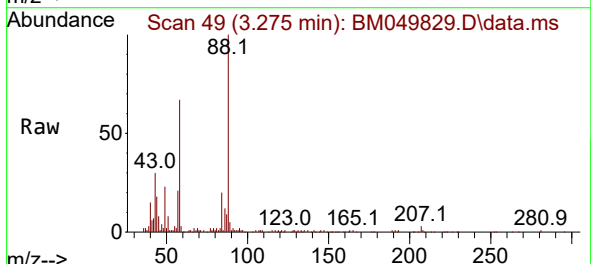
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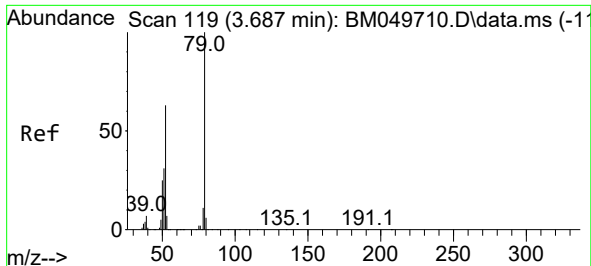
Tgt Ion:152 Resp: 319524  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 123.8 185.8  
 115 52.3 43.0 64.6



#2  
 1,4-Dioxane  
 Concen: 8.155 ng  
 RT: 3.275 min Scan# 49  
 Delta R.T. -0.012 min  
 Lab File: BM049829.D  
 Acq: 04 Apr 2025 18:37

Tgt Ion: 88 Resp: 66853  
 Ion Ratio Lower Upper  
 88 100  
 58 69.1 56.7 85.1  
 43 27.7 22.6 34.0

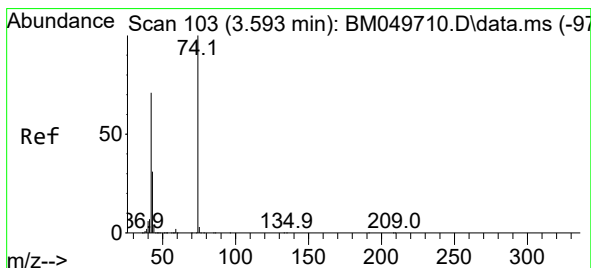
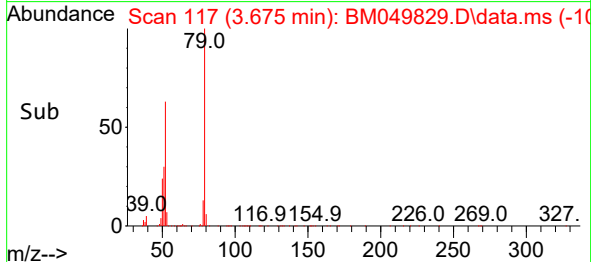
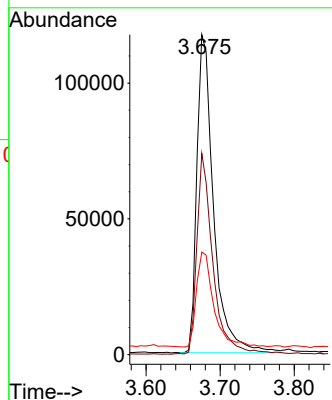
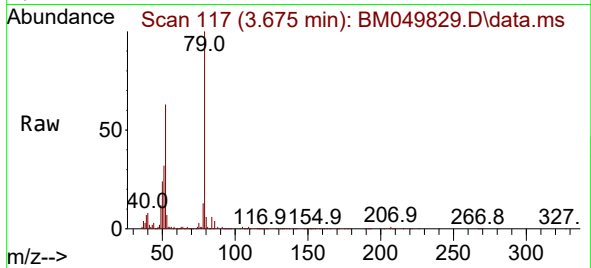




#3  
 Pyridine  
 Concen: 8.782 ng  
 RT: 3.675 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BM049829.D  
 Acq: 04 Apr 2025 18:37

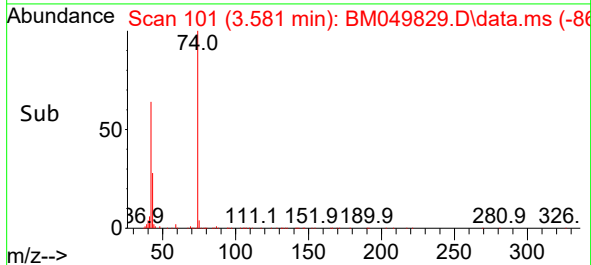
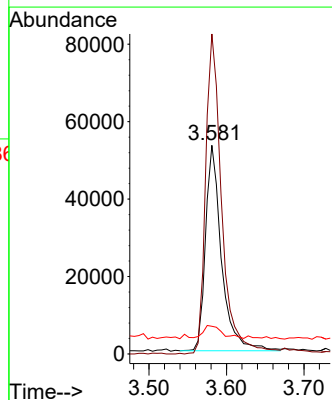
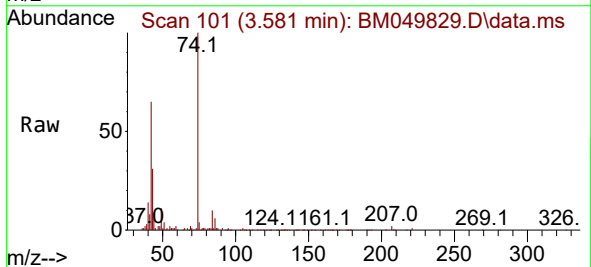
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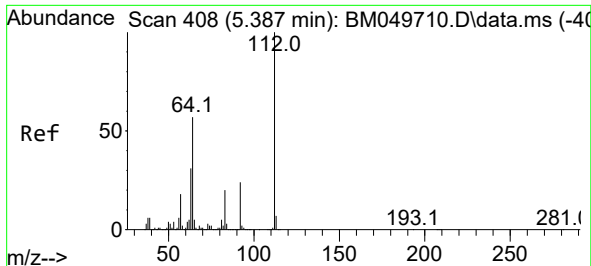
Tgt Ion: 79 Resp: 183862  
 Ion Ratio Lower Upper  
 79 100  
 52 62.9 50.1 75.1  
 51 32.1 25.2 37.8



#4  
 n-Nitrosodimethylamine  
 Concen: 8.217 ng  
 RT: 3.581 min Scan# 101  
 Delta R.T. -0.012 min  
 Lab File: BM049829.D  
 Acq: 04 Apr 2025 18:37

Tgt Ion: 42 Resp: 76115  
 Ion Ratio Lower Upper  
 42 100  
 74 153.3 112.6 168.8  
 44 13.2 5.0 7.6#

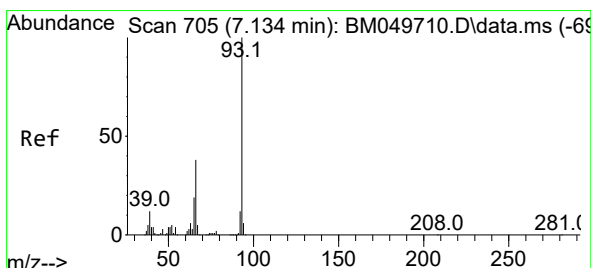
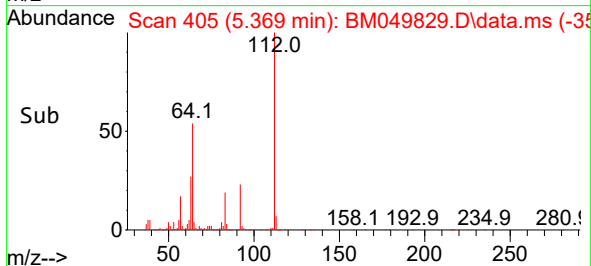
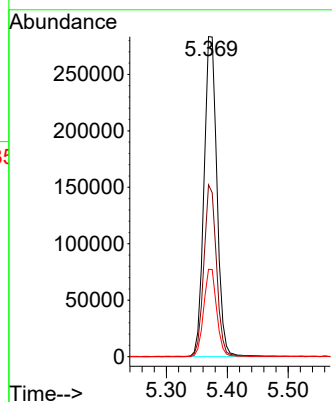
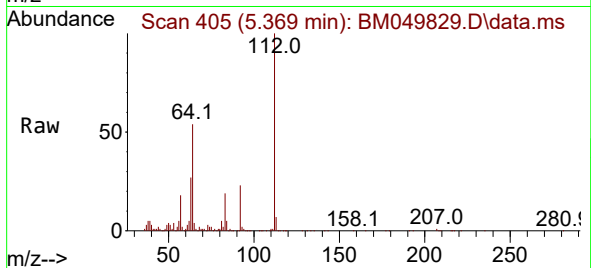




#5  
2-Fluorophenol  
Concen: 22.115 ng  
RT: 5.369 min Scan# 408  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
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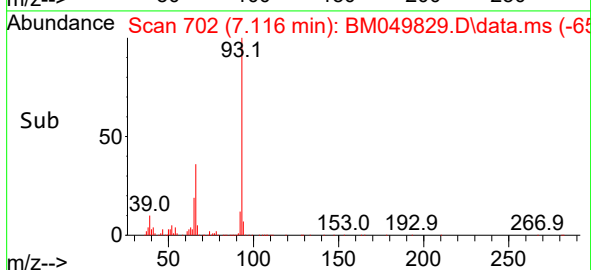
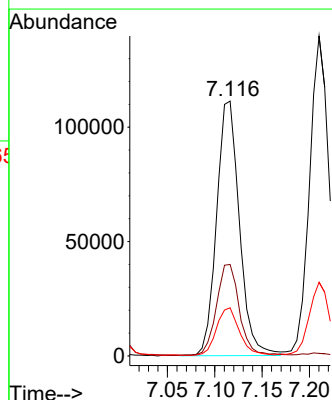
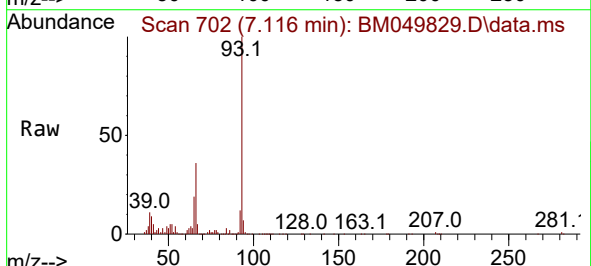
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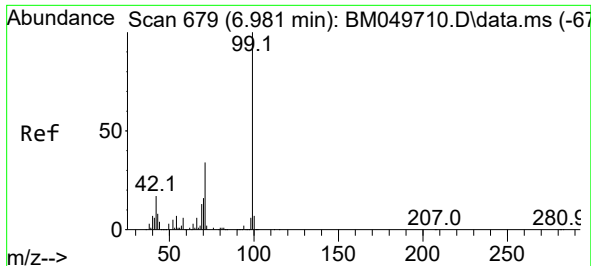
Tgt Ion:112 Resp: 418789  
Ion Ratio Lower Upper  
112 100  
64 53.7 45.3 67.9  
63 27.3 24.4 36.6



#6  
Aniline  
Concen: 9.373 ng  
RT: 7.116 min Scan# 702  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion: 93 Resp: 186618  
Ion Ratio Lower Upper  
93 100  
66 35.9 30.6 46.0  
65 18.9 15.4 23.2

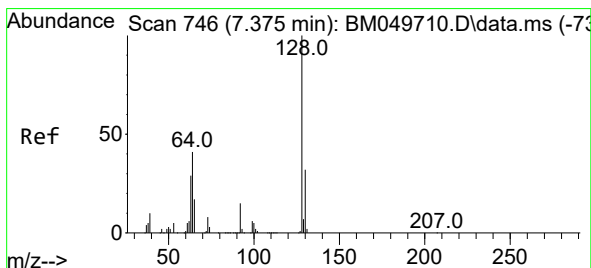
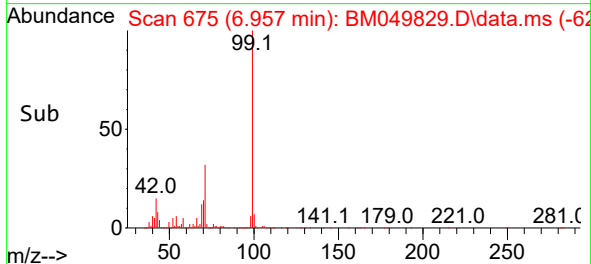
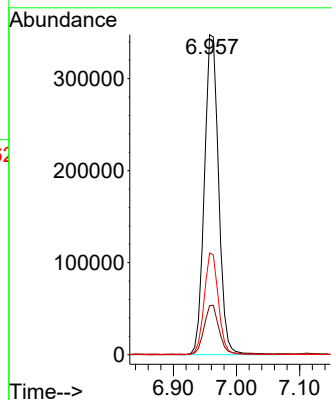
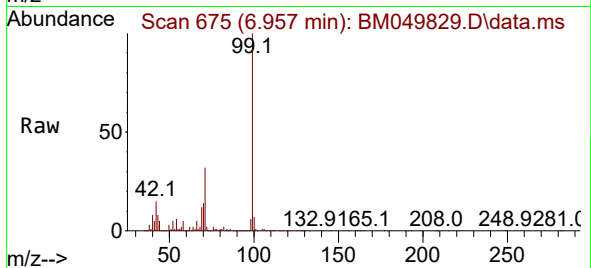




#7  
Phenol-d6  
Concen: 22.979 ng  
RT: 6.957 min Scan# 61  
Delta R.T. -0.024 min  
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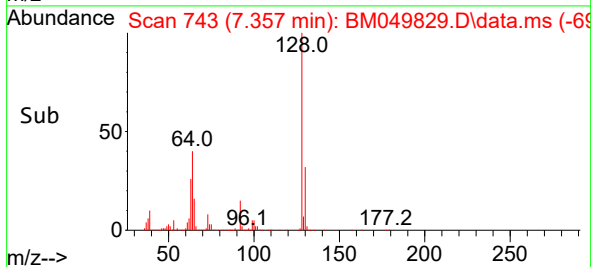
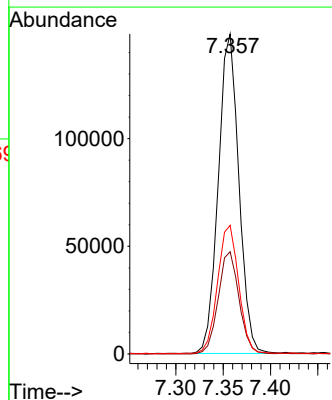
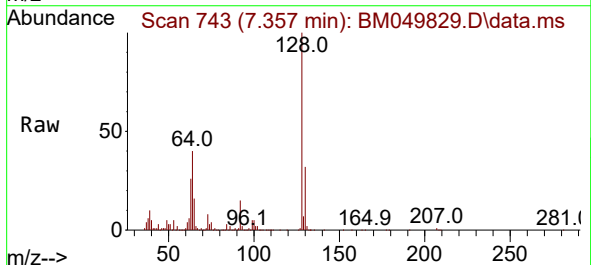
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

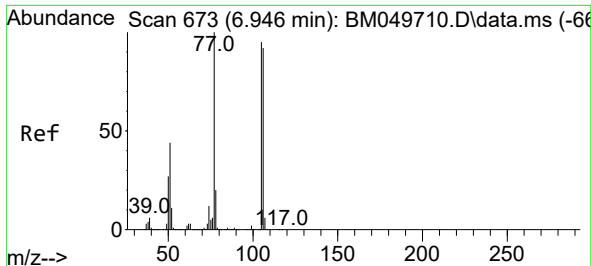
Tgt Ion: 99 Resp: 546077  
Ion Ratio Lower Upper  
99 100  
42 15.4 13.6 20.4  
71 31.8 27.0 40.6



#8  
2-Chlorophenol  
Concen: 11.982 ng  
RT: 7.357 min Scan# 743  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion: 128 Resp: 224696  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.5 52.5  
64 40.2 24.9 64.9

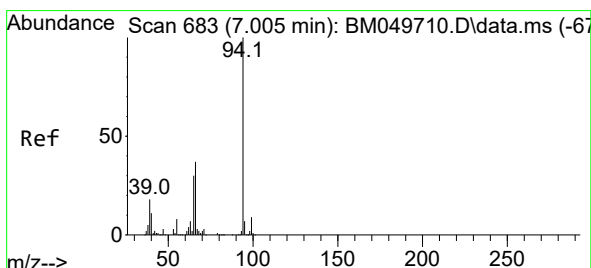
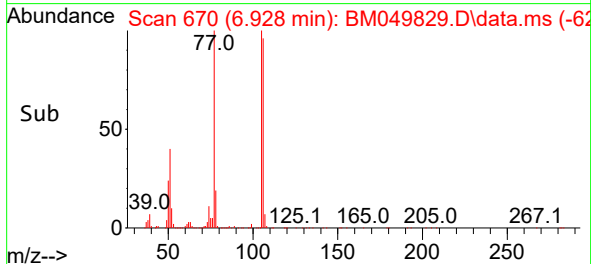
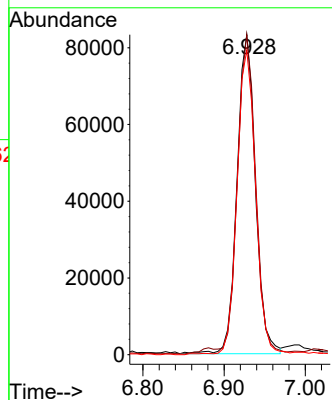
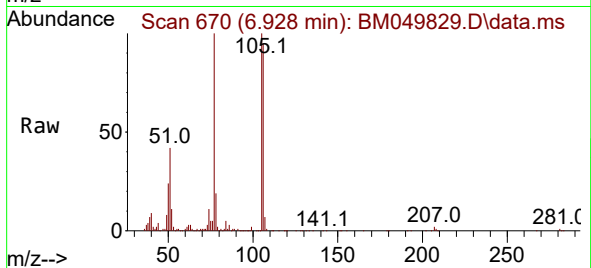




#9  
Benzaldehyde  
Concen: 11.111 ng  
RT: 6.928 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

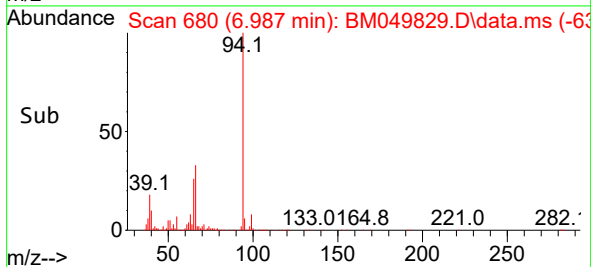
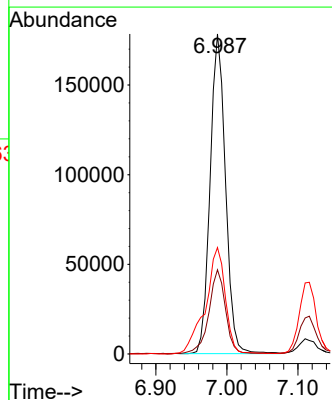
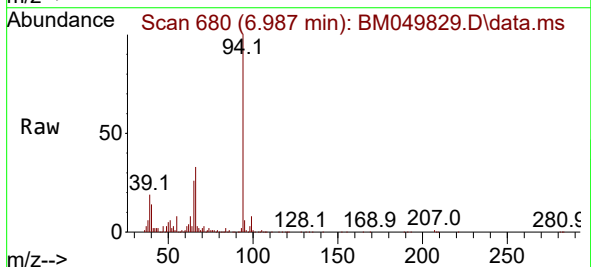
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

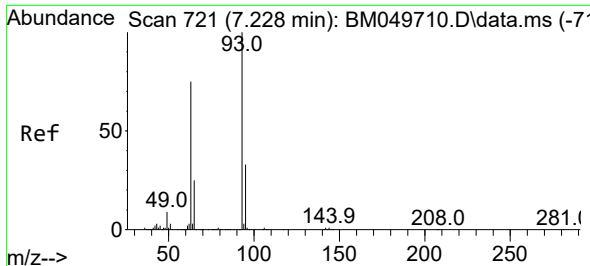
Tgt Ion: 77 Resp: 130538  
Ion Ratio Lower Upper  
77 100  
105 100.0 75.0 115.0  
106 95.2 72.3 112.3



#10  
Phenol  
Concen: 11.657 ng  
RT: 6.987 min Scan# 680  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion: 94 Resp: 268619  
Ion Ratio Lower Upper  
94 100  
65 26.3 10.4 50.4  
66 33.2 17.1 57.1

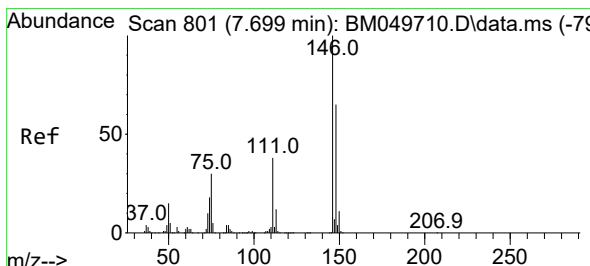
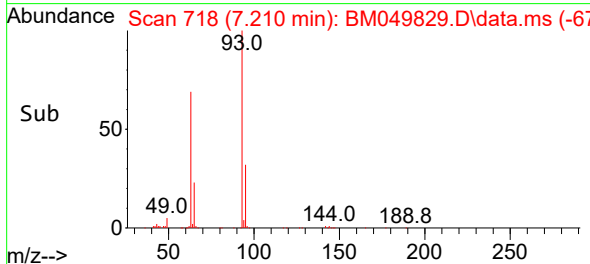
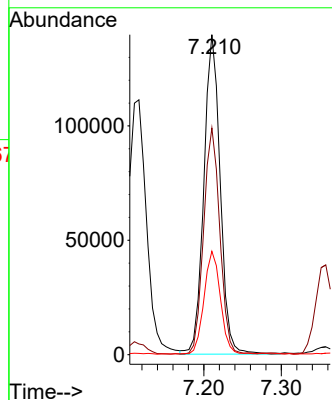
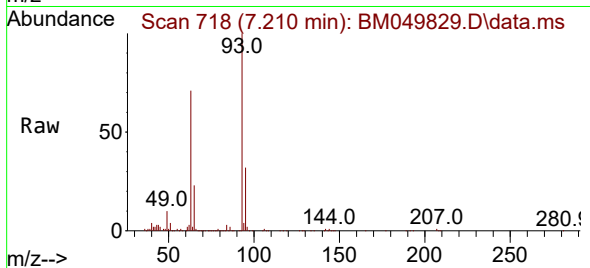




#11  
bis(2-Chloroethyl)ether  
Concen: 10.972 ng  
RT: 7.210 min Scan# 718  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

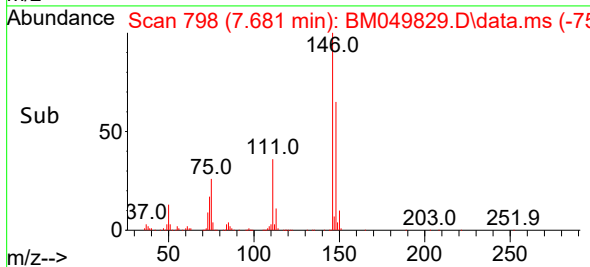
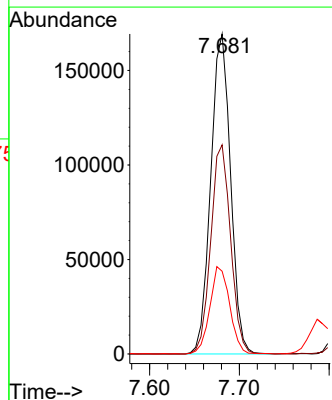
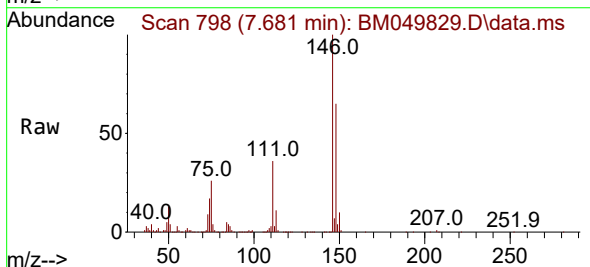
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

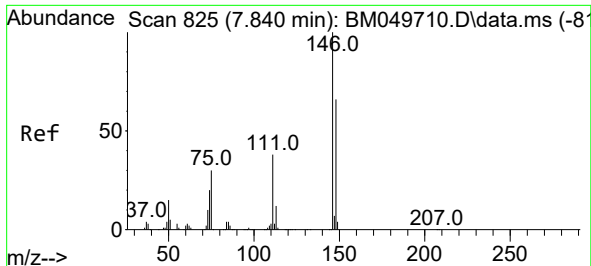
Tgt Ion: 93 Resp: 204738  
Ion Ratio Lower Upper  
93 100  
63 70.9 54.8 94.8  
95 32.3 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 11.385 ng  
RT: 7.681 min Scan# 798  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion: 146 Resp: 259456  
Ion Ratio Lower Upper  
146 100  
148 65.4 52.3 78.5  
75 25.9 24.2 36.2

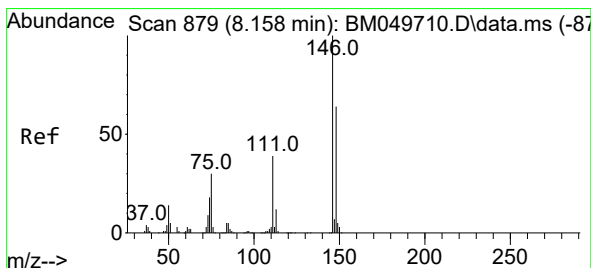
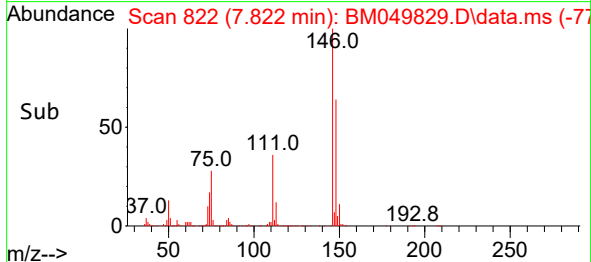
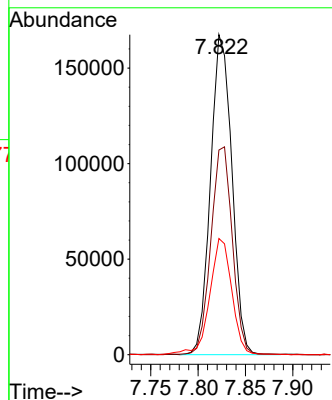
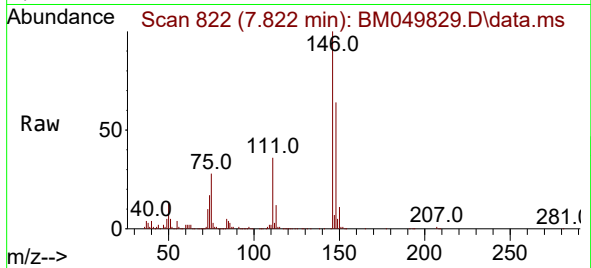




#13  
1,4-Dichlorobenzene  
Concen: 11.419 ng  
RT: 7.822 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

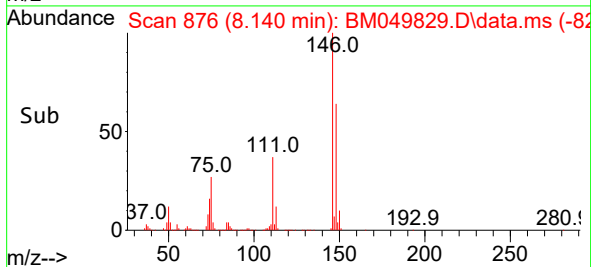
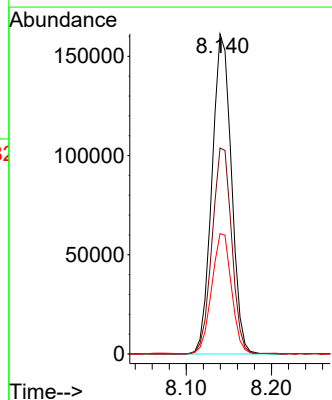
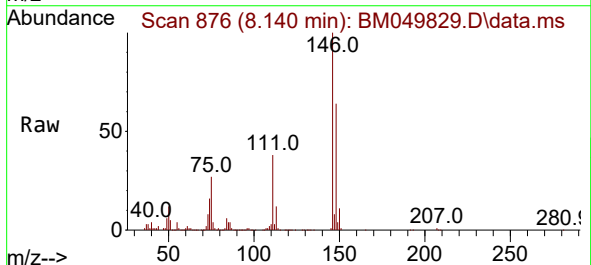
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

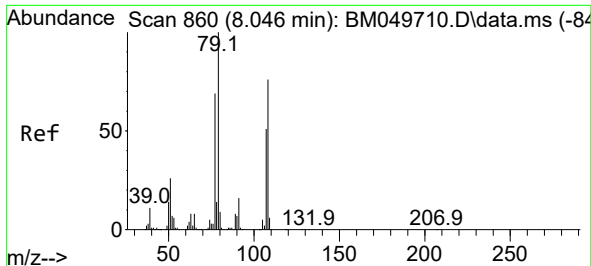
Tgt Ion:146 Resp: 262534  
Ion Ratio Lower Upper  
146 100  
148 63.9 52.6 79.0  
111 36.3 30.8 46.2



#14  
1,2-Dichlorobenzene  
Concen: 11.714 ng  
RT: 8.140 min Scan# 876  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:146 Resp: 255949  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.9 76.3  
111 37.6 31.0 46.6

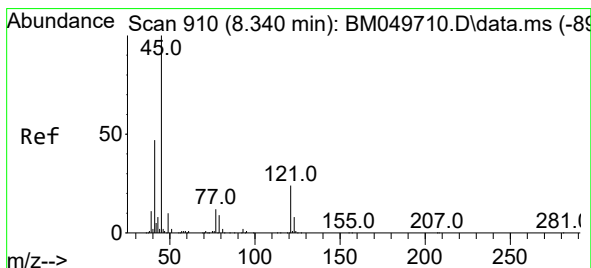
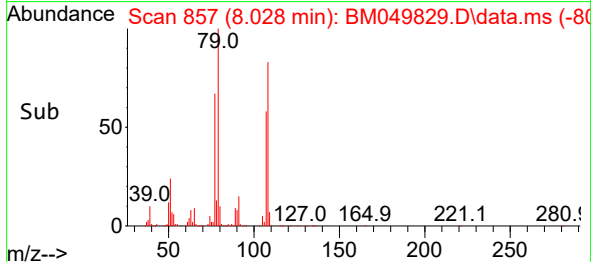
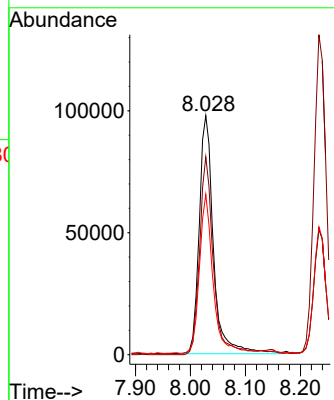
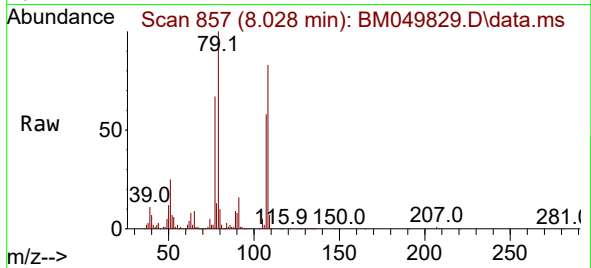




#15  
Benzyl Alcohol  
Concen: 11.808 ng  
RT: 8.028 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

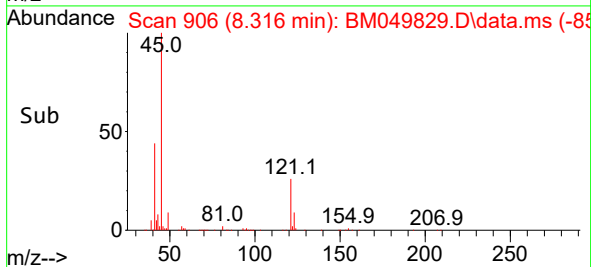
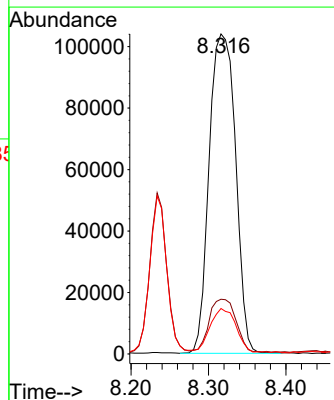
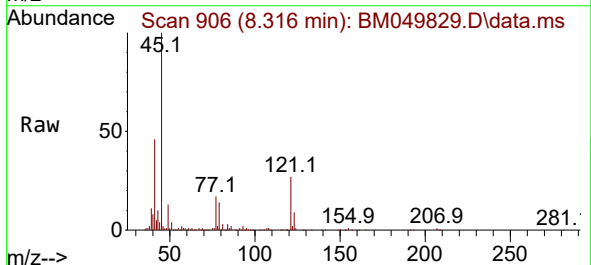
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

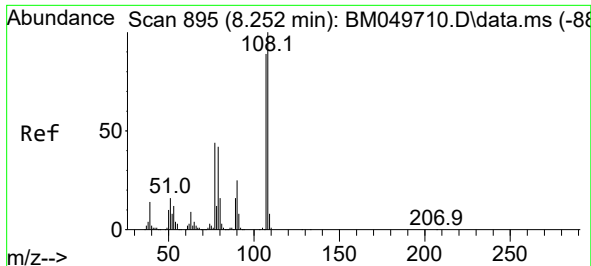
Tgt Ion: 79 Resp: 176093  
Ion Ratio Lower Upper  
79 100  
108 82.8 60.7 91.1  
77 67.1 55.4 83.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 11.223 ng  
RT: 8.316 min Scan# 906  
Delta R.T. -0.024 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion: 45 Resp: 246141  
Ion Ratio Lower Upper  
45 100  
77 17.1 0.0 36.1  
79 14.2 0.0 32.8



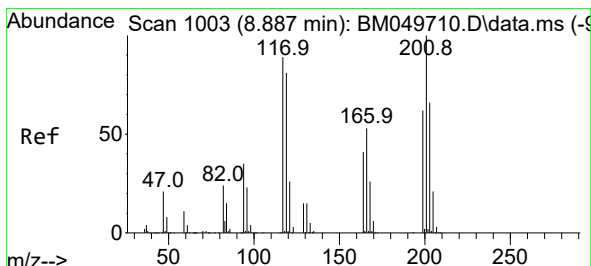
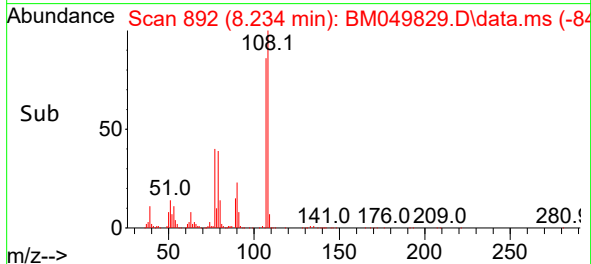
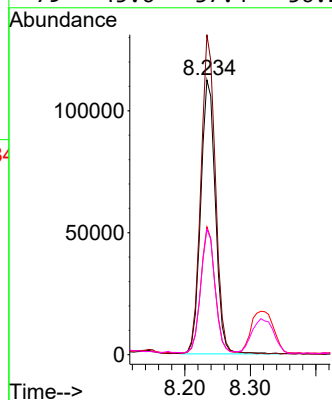
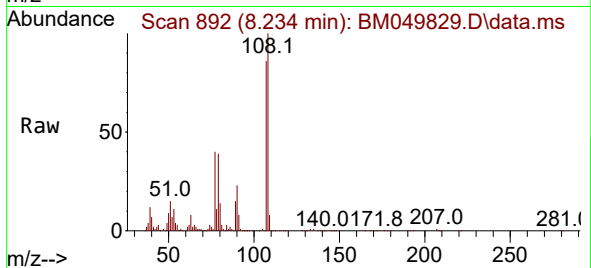


#17  
2-Methylphenol  
Concen: 12.808 ng  
RT: 8.234 min Scan# 895  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

Tgt Ion:107 Resp: 175222

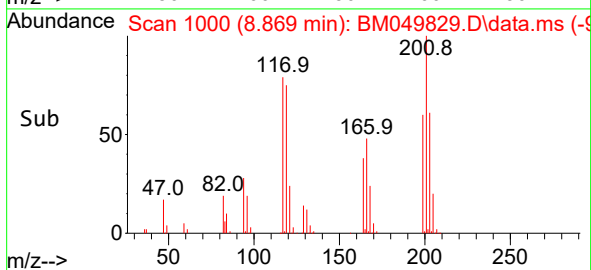
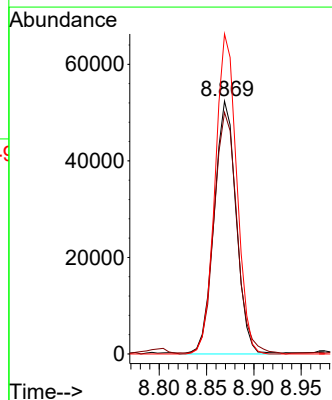
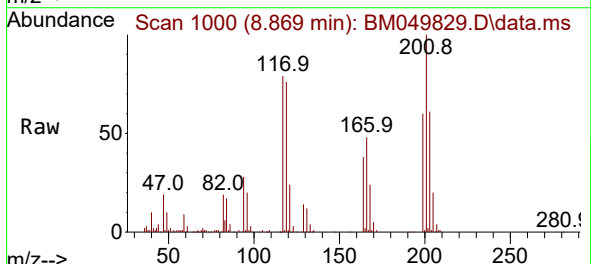
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 116.5 | 89.6  | 134.4 |
| 77  | 46.5  | 39.8  | 59.6  |
| 79  | 45.6  | 37.4  | 56.2  |

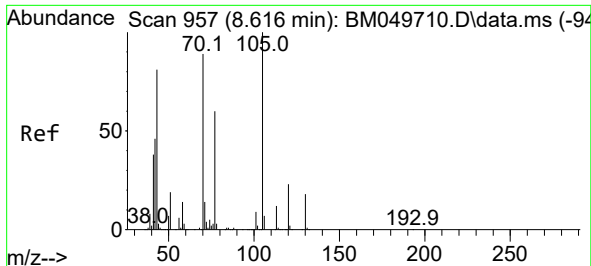


#18  
Hexachloroethane  
Concen: 10.470 ng  
RT: 8.869 min Scan# 1000  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:117 Resp: 85003

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.6  | 73.1  | 109.7 |
| 201 | 126.6 | 90.0  | 135.0 |

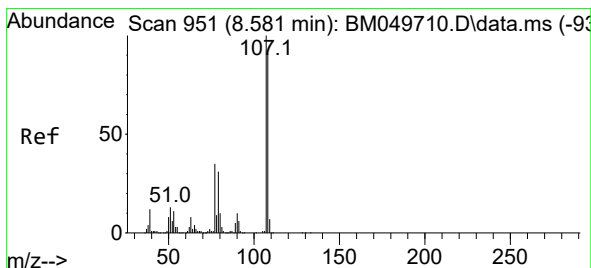
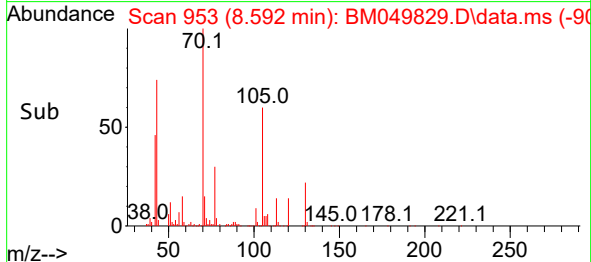
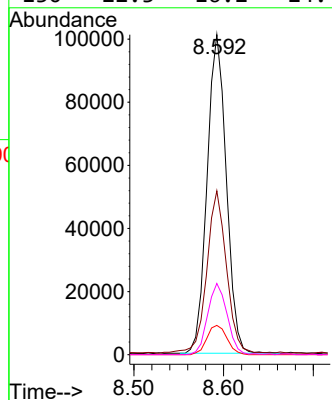
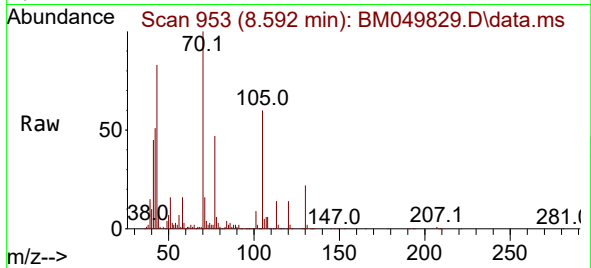




#19  
n-Nitroso-di-n-propylamine  
Concen: 10.896 ng  
RT: 8.592 min Scan# 91  
Delta R.T. -0.024 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

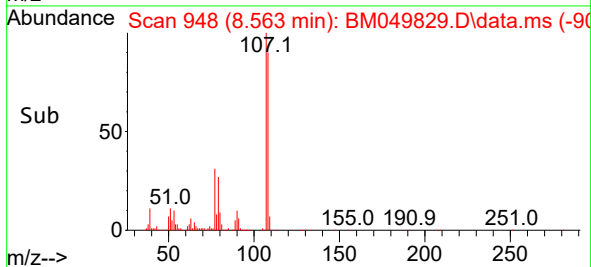
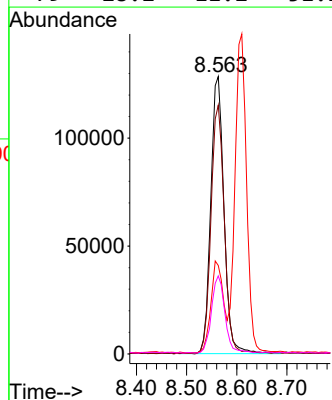
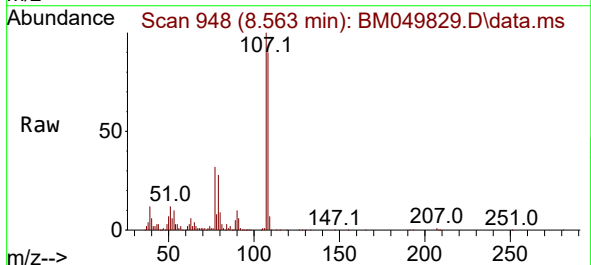
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

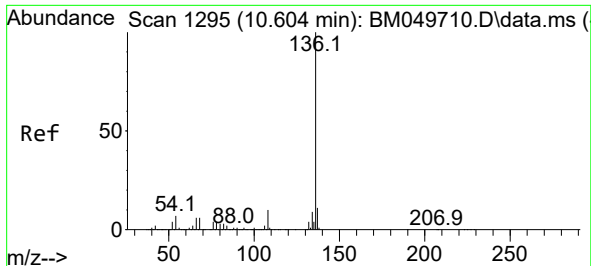
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 150144 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 51.2  | 41.8  | 62.6   |
| 101      | 9.1   | 7.7   | 11.5   |
| 130      | 22.3  | 16.2  | 24.4   |



#20  
3+4-Methylphenols  
Concen: 12.860 ng  
RT: 8.563 min Scan# 948  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 235777 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.6  | 71.0  | 111.0  |
| 77       | 31.9  | 15.1  | 55.1   |
| 79       | 28.2  | 11.2  | 51.2   |

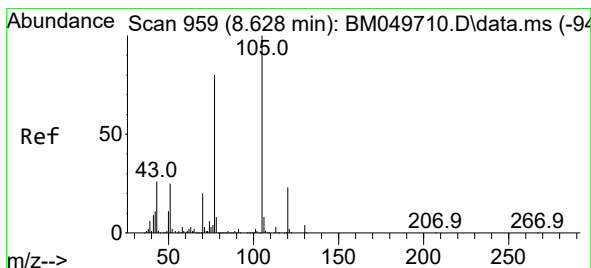
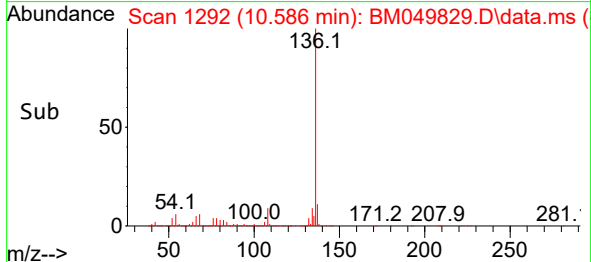
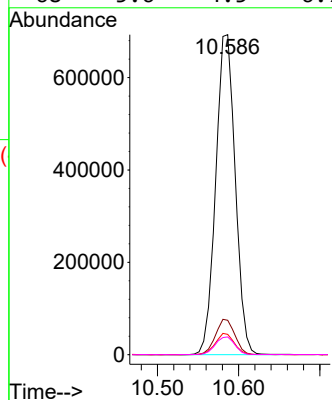
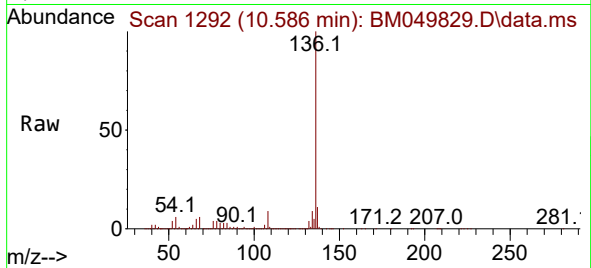




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.586 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

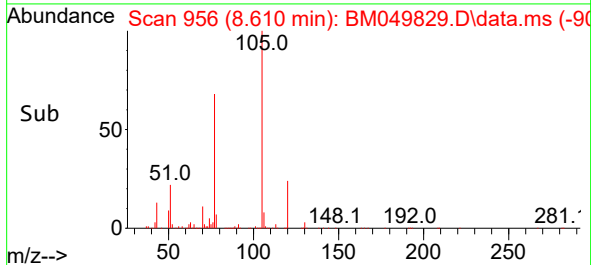
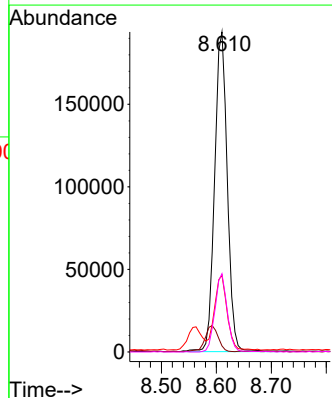
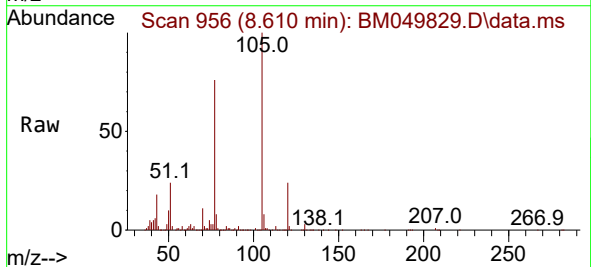
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

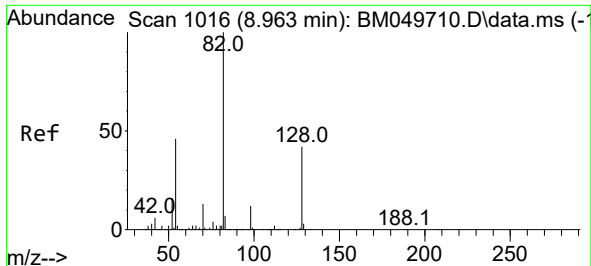
Tgt Ion:136 Resp: 1159626  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 12.8  
54 6.3 5.8 8.8  
68 5.6 4.5 6.7



#22  
Acetophenone  
Concen: 10.394 ng  
RT: 8.610 min Scan# 956  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:105 Resp: 310779  
Ion Ratio Lower Upper  
105 100  
71 1.9 2.5 3.7#  
51 23.9 19.9 29.9  
120 24.5 18.3 27.5





#23

Nitrobenzene-d5

Concen: 13.643 ng

RT: 8.940 min Scan# 1012

Delta R.T. -0.024 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

AU-05-040325MS

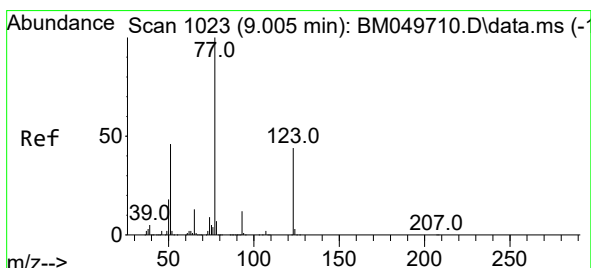
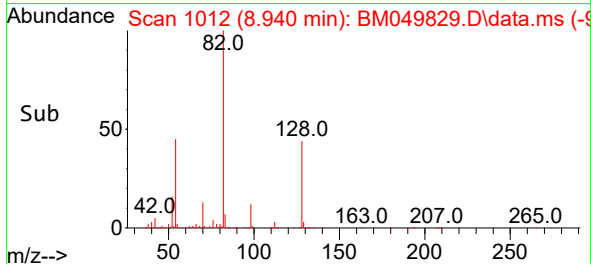
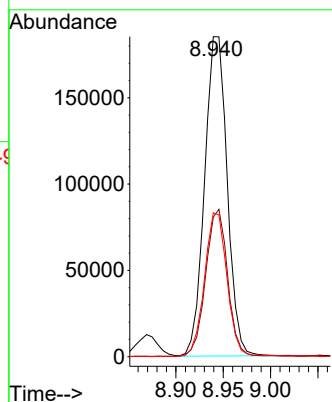
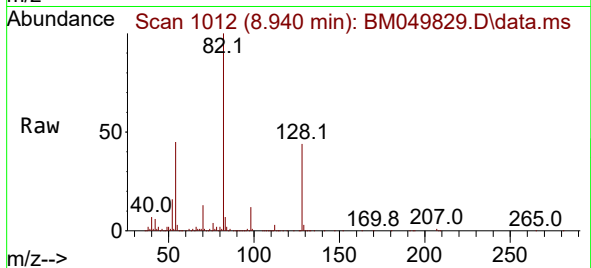
Tgt Ion: 82 Resp: 308148

Ion Ratio Lower Upper

82 100

128 43.6 33.4 50.0

54 44.9 36.4 54.6



#24

Nitrobenzene

Concen: 10.321 ng

RT: 8.987 min Scan# 1020

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

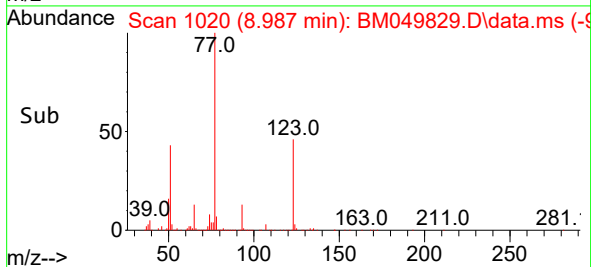
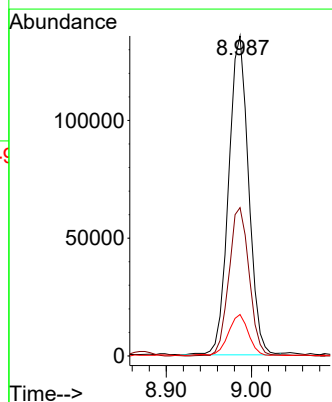
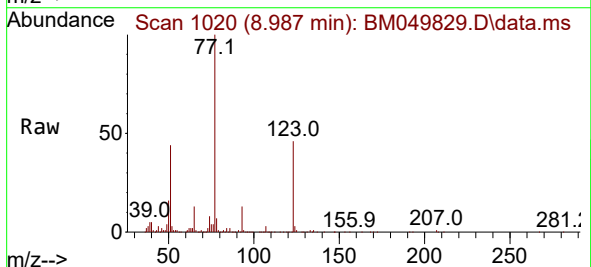
Tgt Ion: 77 Resp: 219802

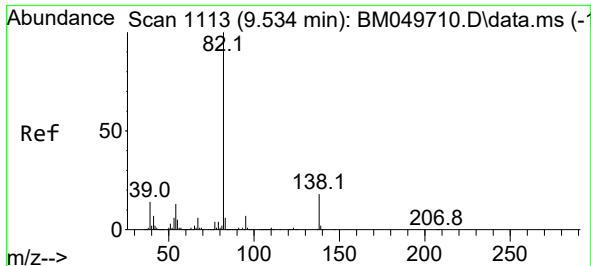
Ion Ratio Lower Upper

77 100

123 46.4 34.9 52.3

65 13.0 10.6 15.8

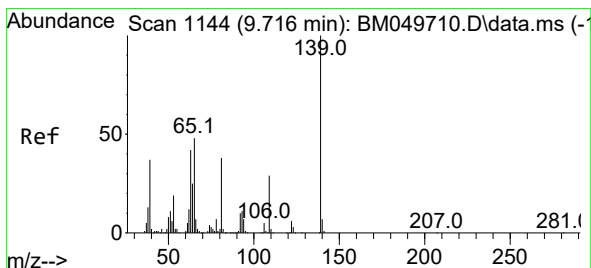
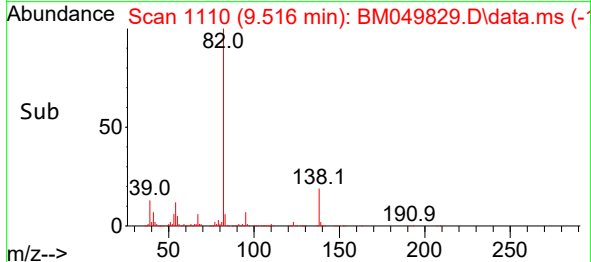
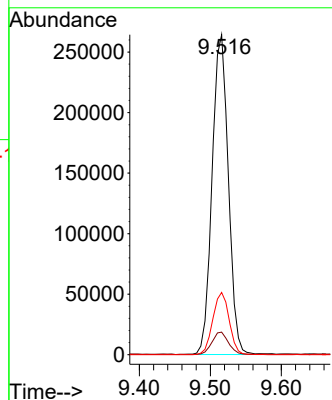
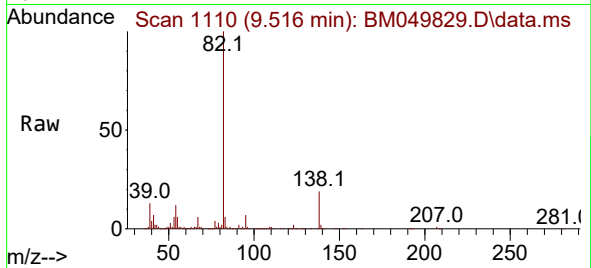




#25  
Isophorone  
Concen: 12.077 ng  
RT: 9.516 min Scan# 1110  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

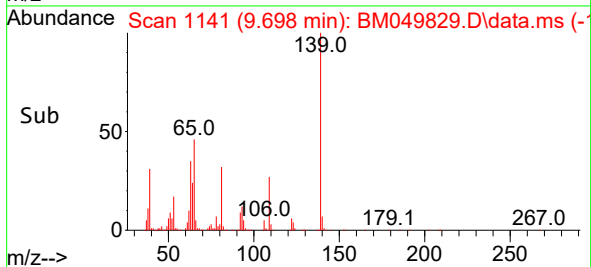
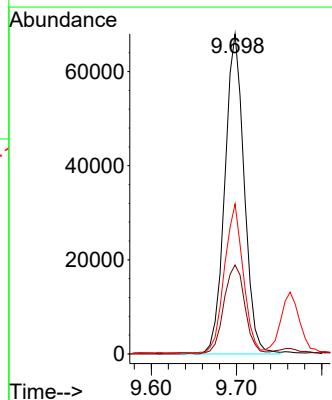
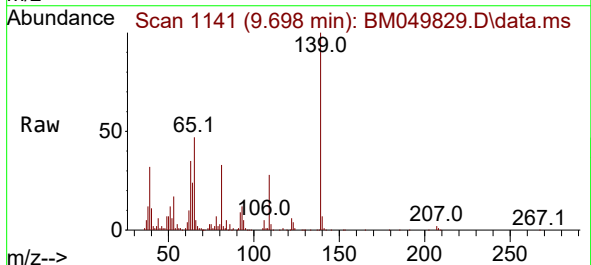
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

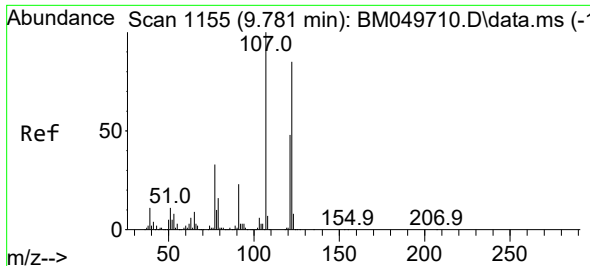
Tgt Ion: 82 Resp: 418827  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.3 7.9  
138 19.4 14.4 21.6



#26  
2-Nitrophenol  
Concen: 11.831 ng  
RT: 9.698 min Scan# 1141  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion: 139 Resp: 107243  
Ion Ratio Lower Upper  
139 100  
109 27.8 23.3 34.9  
65 46.9 38.6 58.0

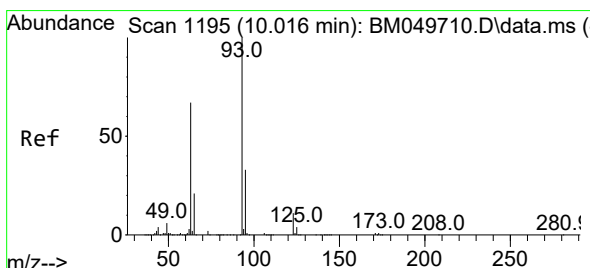
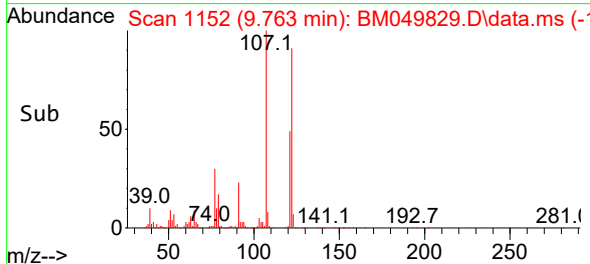
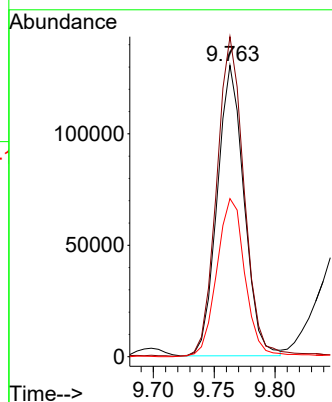
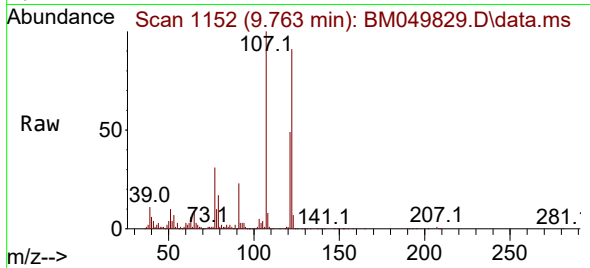




#27  
2,4-Dimethylphenol  
Concen: 17.354 ng  
RT: 9.763 min Scan# 1152  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

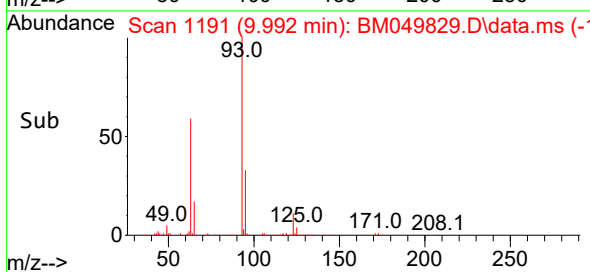
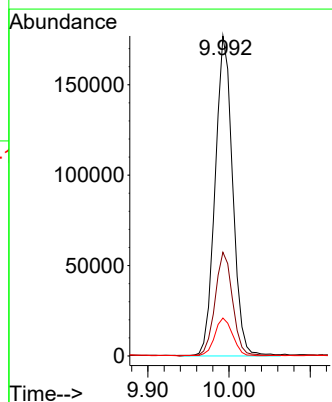
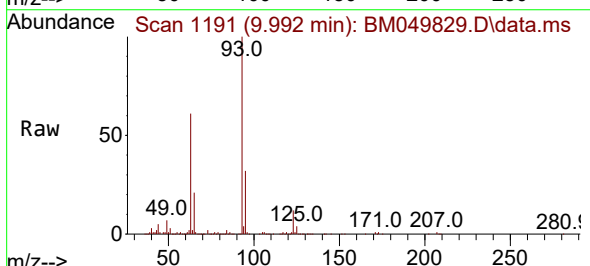
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

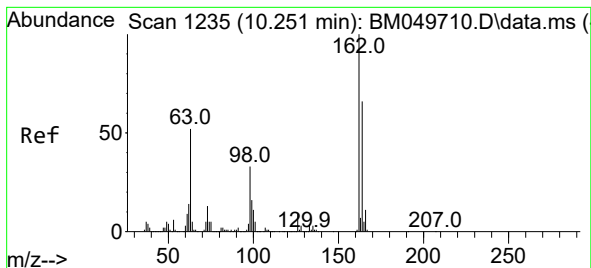
Tgt Ion:122 Resp: 200239  
Ion Ratio Lower Upper  
122 100  
107 109.8 94.3 141.5  
121 54.3 45.4 68.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 10.889 ng  
RT: 9.992 min Scan# 1191  
Delta R.T. -0.024 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion: 93 Resp: 265971  
Ion Ratio Lower Upper  
93 100  
95 32.4 26.6 40.0  
123 11.9 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 12.463 ng

RT: 10.234 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

AU-05-040325MS

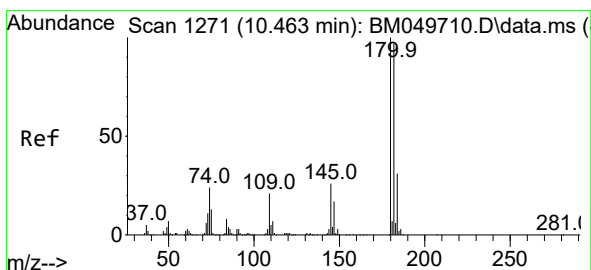
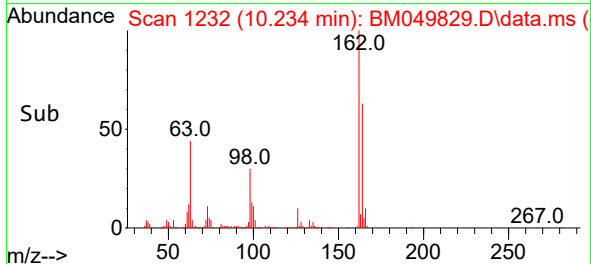
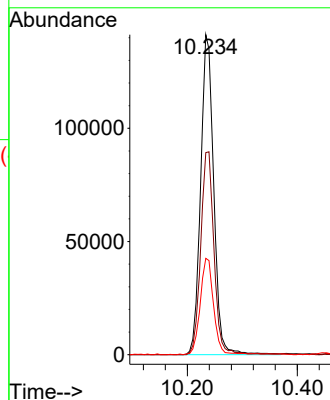
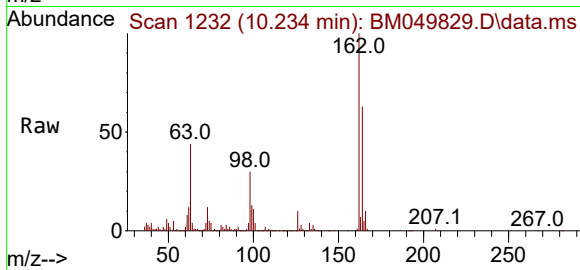
Tgt Ion:162 Resp: 234314

Ion Ratio Lower Upper

162 100

164 63.2 46.3 86.3

98 30.1 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 11.335 ng

RT: 10.445 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

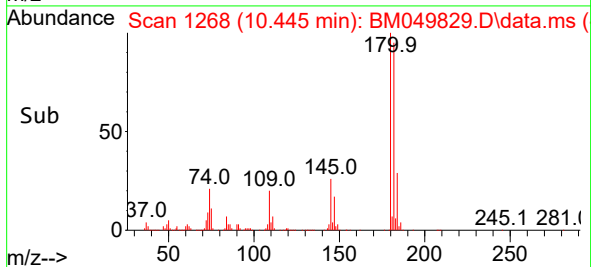
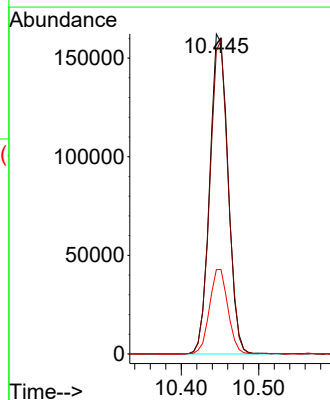
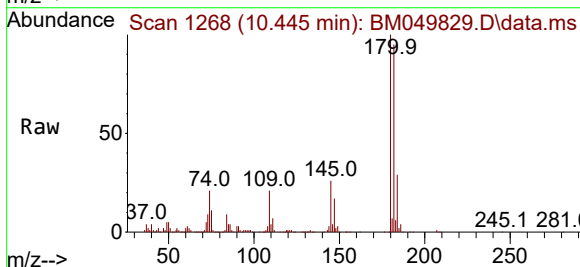
Tgt Ion:180 Resp: 266632

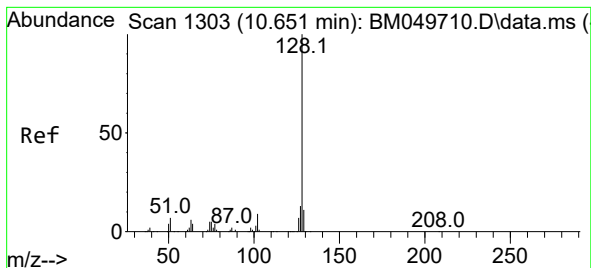
Ion Ratio Lower Upper

180 100

182 94.9 77.7 116.5

145 26.4 21.0 31.4





#31

Naphthalene

Concen: 11.271 ng

RT: 10.634 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

AU-05-040325MS

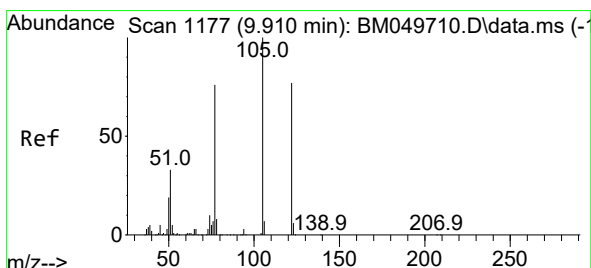
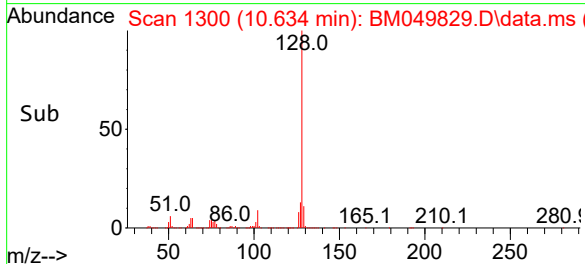
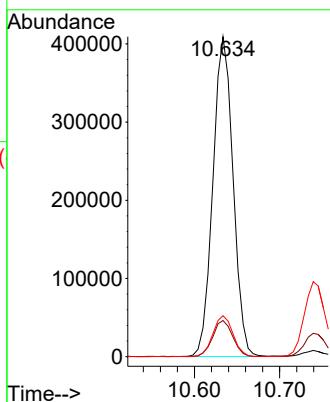
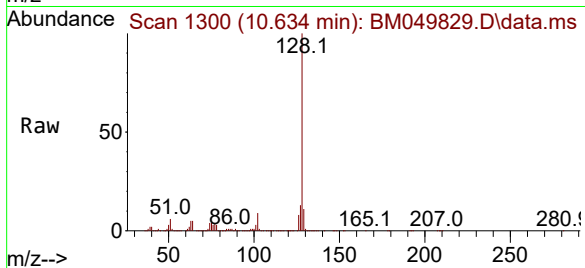
Tgt Ion:128 Resp: 672084

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 12.8 10.4 15.6



#32

Benzoic acid

Concen: 11.221 ng

RT: 9.851 min Scan# 1167

Delta R.T. -0.059 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

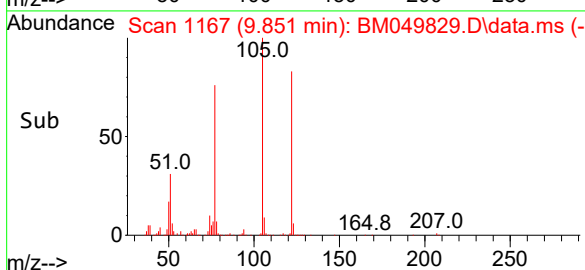
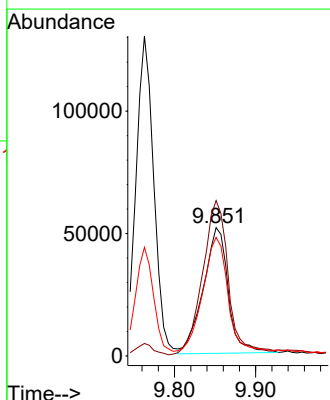
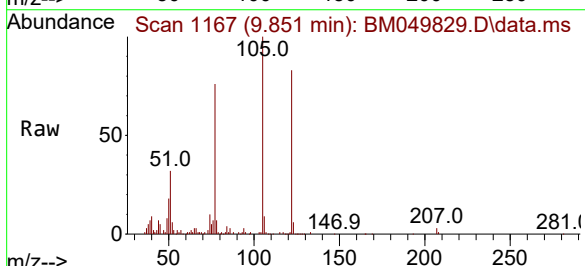
Tgt Ion:122 Resp: 110111

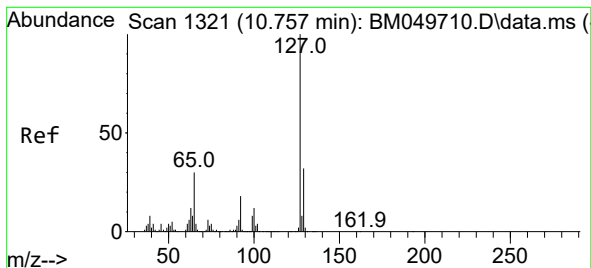
Ion Ratio Lower Upper

122 100

105 121.1 105.6 145.6

77 92.5 76.9 116.9





#33

4-Chloroaniline

Concen: 8.294 ng

RT: 10.739 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

AU-05-040325MS

Tgt Ion:127 Resp: 168784

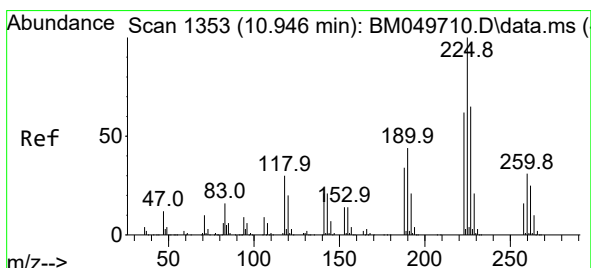
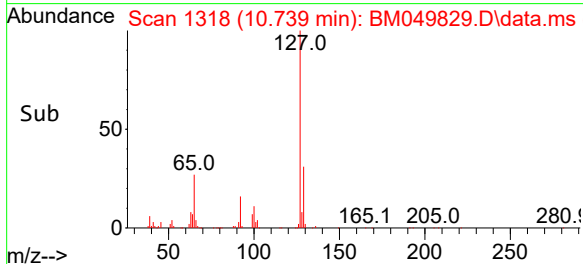
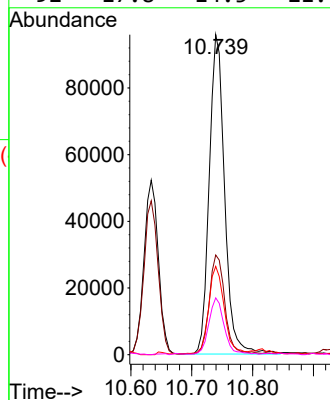
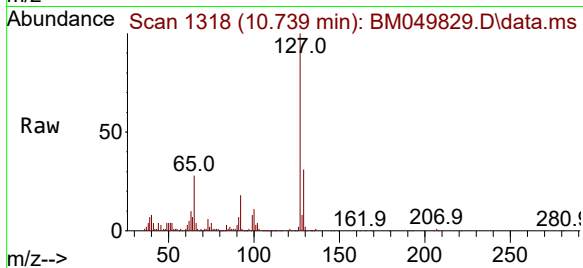
Ion Ratio Lower Upper

127 100

129 31.1 25.7 38.5

65 27.6 24.1 36.1

92 17.8 14.5 21.7



#34

Hexachlorobutadiene

Concen: 11.506 ng

RT: 10.922 min Scan# 1349

Delta R.T. -0.024 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

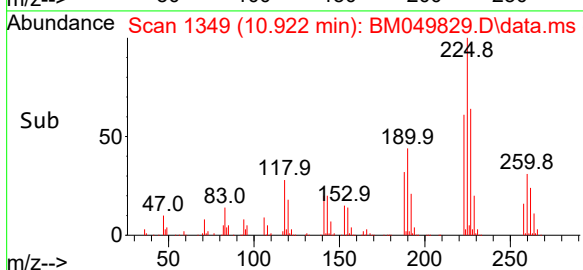
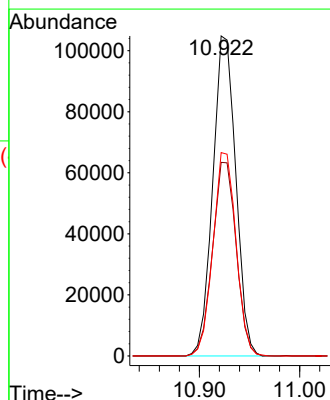
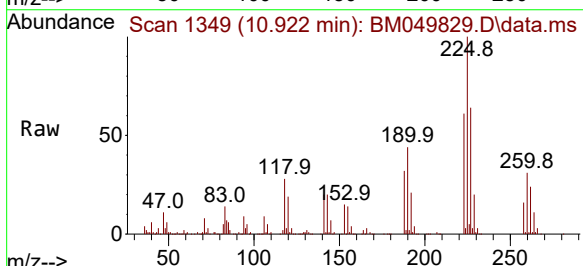
Tgt Ion:225 Resp: 167080

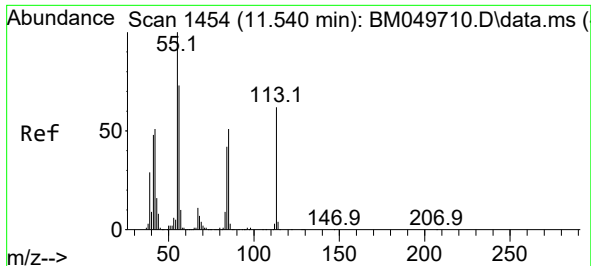
Ion Ratio Lower Upper

225 100

223 60.5 49.8 74.8

227 63.6 52.1 78.1

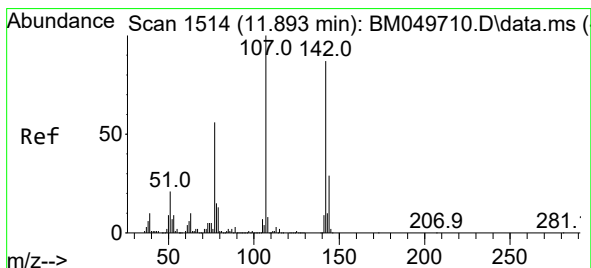
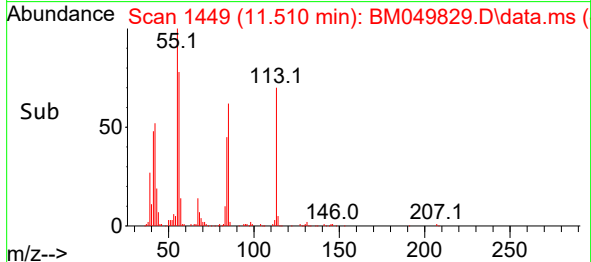
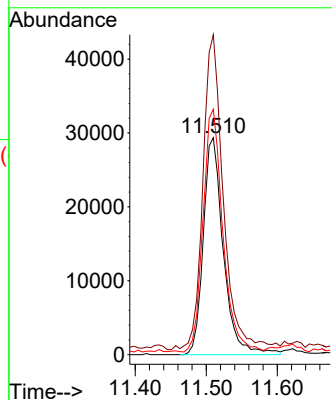
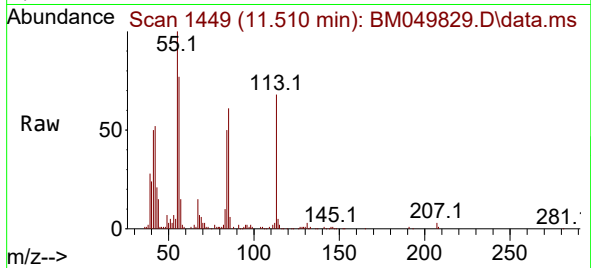




#35  
Caprolactam  
Concen: 13.200 ng  
RT: 11.510 min Scan# 1454  
Delta R.T. -0.030 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

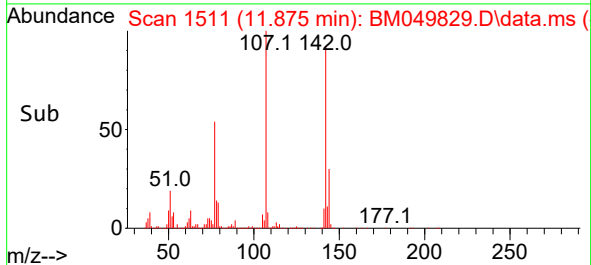
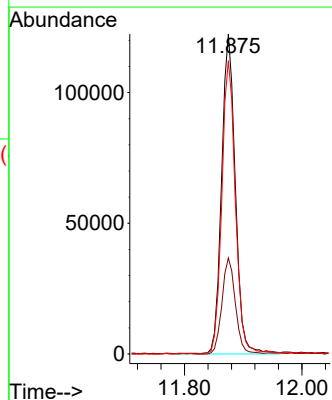
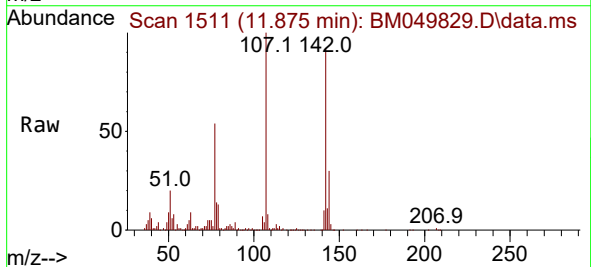
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

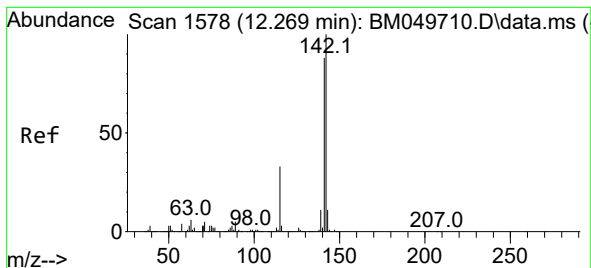
Tgt Ion:113 Resp: 57620  
Ion Ratio Lower Upper  
113 100  
55 147.5 141.8 181.8  
56 113.2 98.0 138.0



#36  
4-Chloro-3-methylphenol  
Concen: 12.342 ng  
RT: 11.875 min Scan# 1511  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:107 Resp: 199134  
Ion Ratio Lower Upper  
107 100  
144 30.0 23.0 34.6  
142 91.6 69.8 104.8

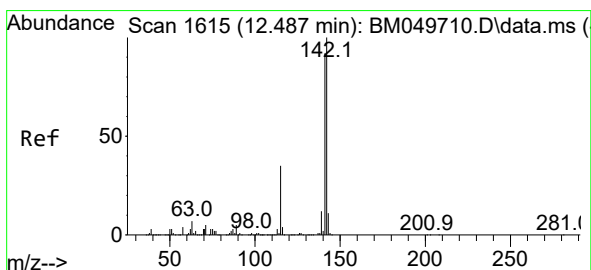
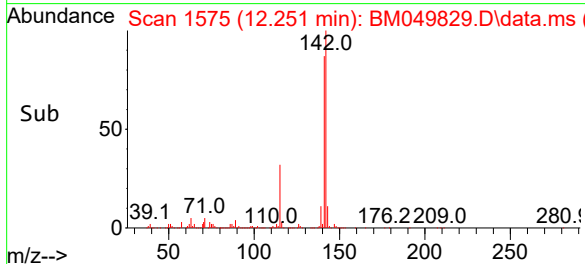
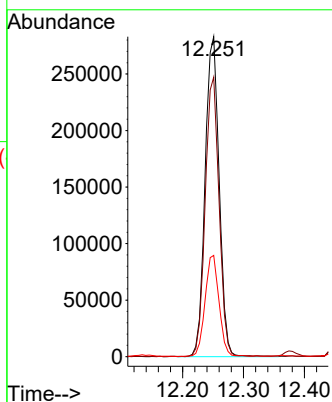
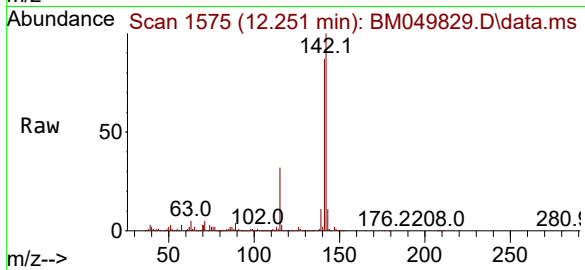




#37  
2-Methylnaphthalene  
Concen: 10.896 ng  
RT: 12.251 min Scan# 1575  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

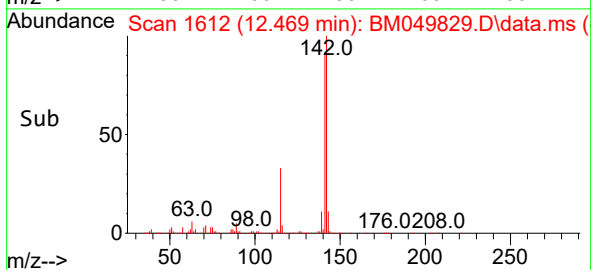
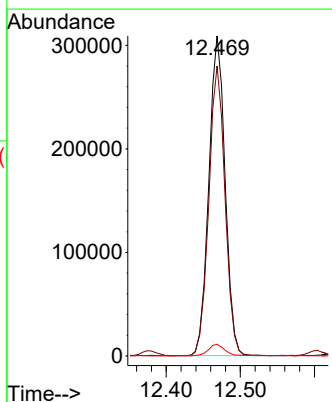
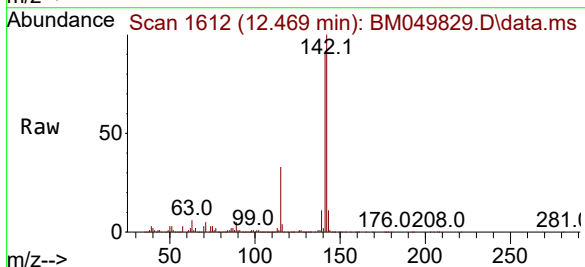
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

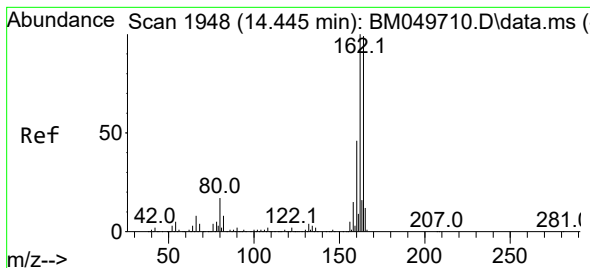
Tgt Ion:142 Resp: 454299  
Ion Ratio Lower Upper  
142 100  
141 87.4 70.5 105.7  
115 31.6 26.5 39.7



#38  
1-Methylnaphthalene  
Concen: 11.678 ng  
RT: 12.469 min Scan# 1612  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:142 Resp: 469772  
Ion Ratio Lower Upper  
142 100  
141 90.6 73.4 110.2  
116 3.7 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.433 min Scan# 1946

Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

AU-05-040325MS

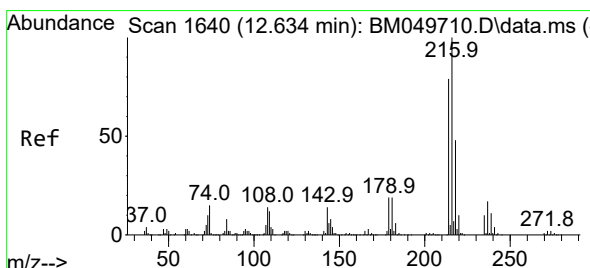
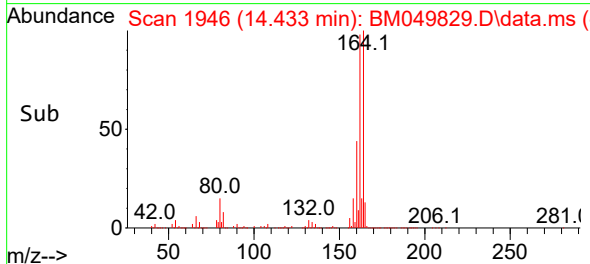
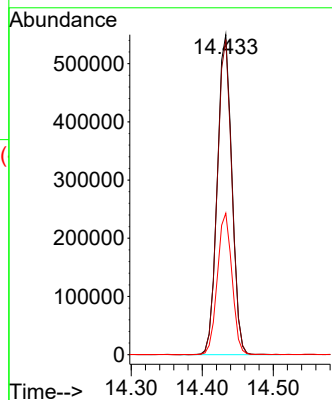
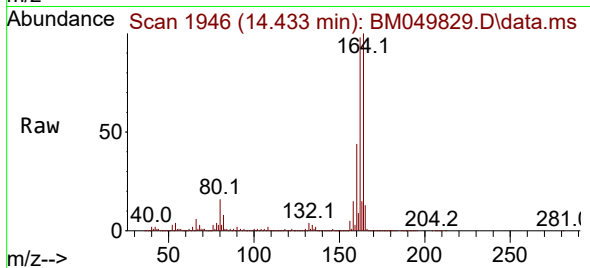
Tgt Ion:164 Resp: 781385

Ion Ratio Lower Upper

164 100

162 98.5 80.5 120.7

160 44.2 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.547 ng

RT: 12.622 min Scan# 1638

Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Tgt Ion:216 Resp: 302721

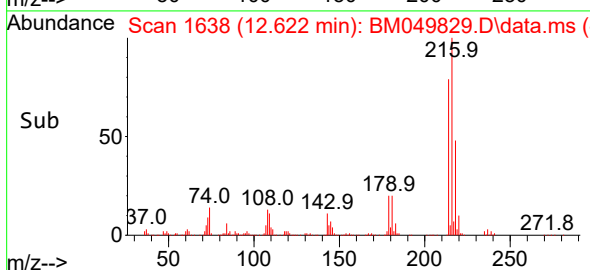
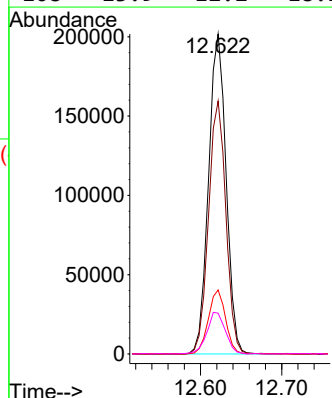
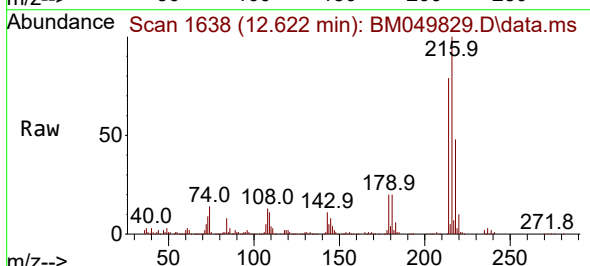
Ion Ratio Lower Upper

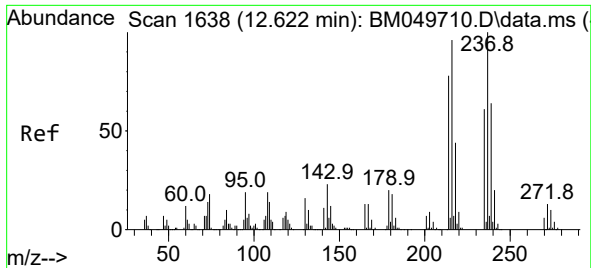
216 100

214 78.1 63.5 95.3

179 19.6 15.7 23.5

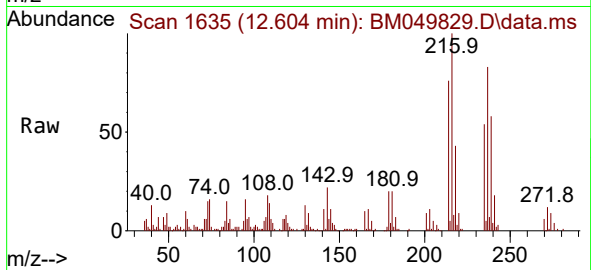
108 13.9 12.2 18.2



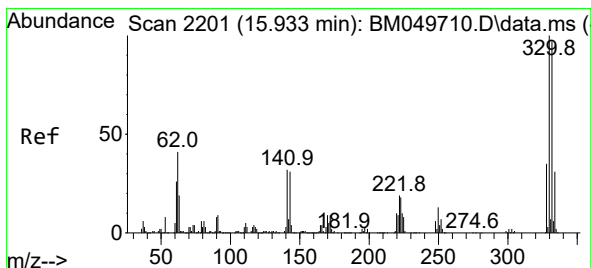
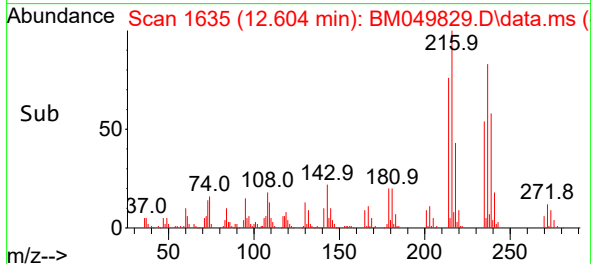
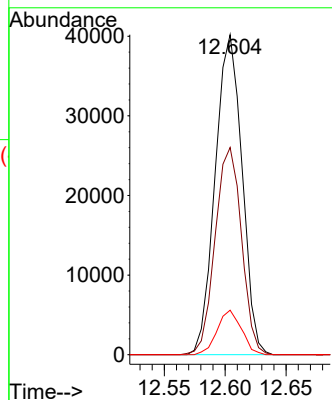


#41  
Hexachlorocyclopentadiene  
Concen: 5.798 ng  
RT: 12.604 min Scan# 1  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

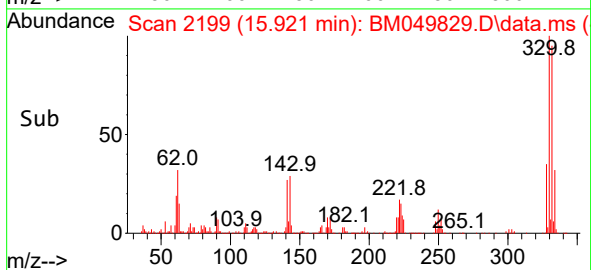
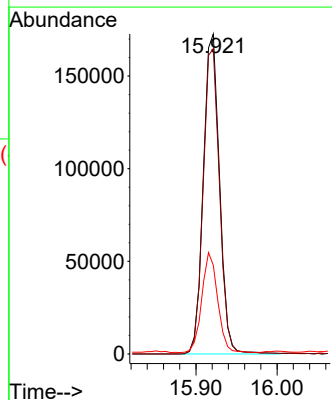
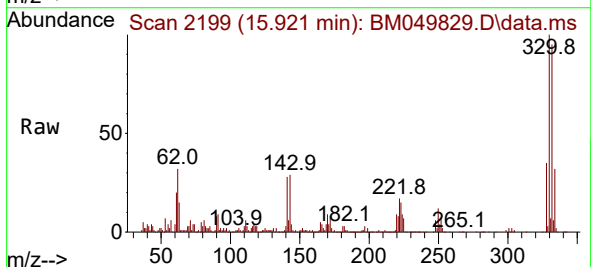


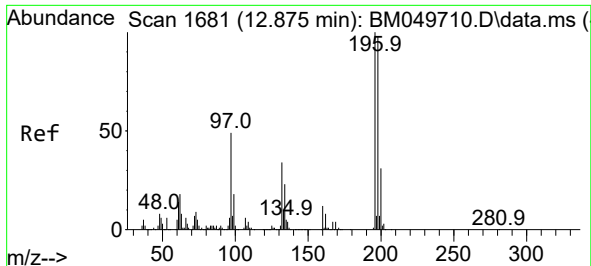
Tgt Ion:237 Resp: 61649  
Ion Ratio Lower Upper  
237 100  
235 64.8 41.1 81.1  
272 13.9 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 26.294 ng  
RT: 15.921 min Scan# 2199  
Delta R.T. -0.012 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:330 Resp: 239914  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.0 115.4  
141 30.4 27.8 41.6

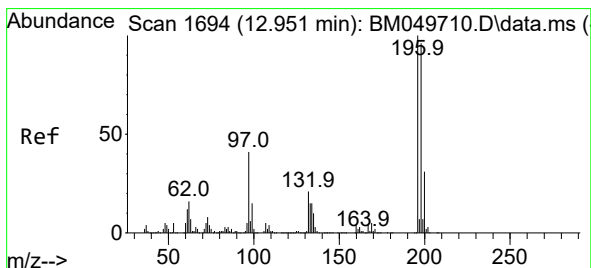
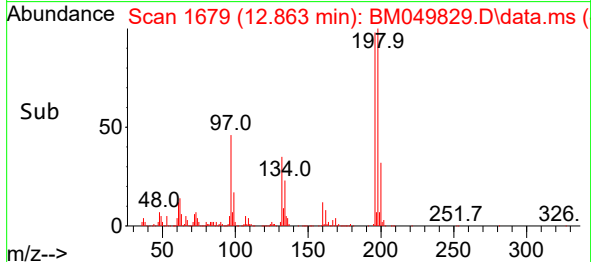
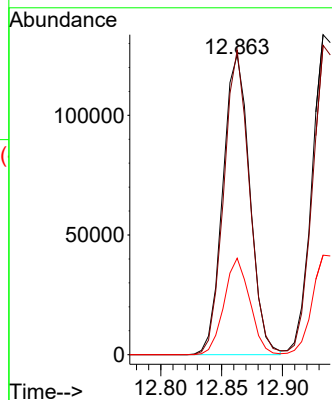
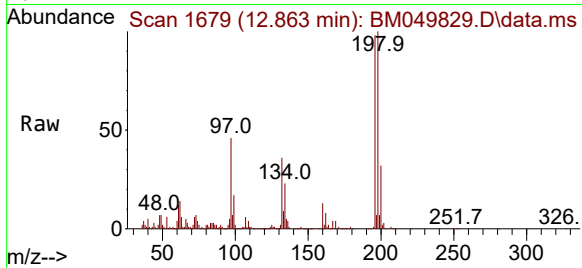




#43  
2,4,6-Trichlorophenol  
Concen: 12.011 ng  
RT: 12.863 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

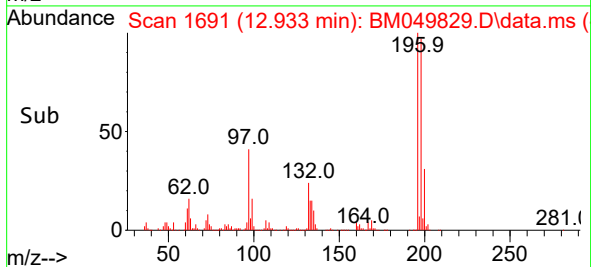
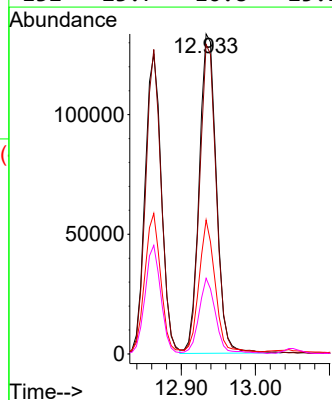
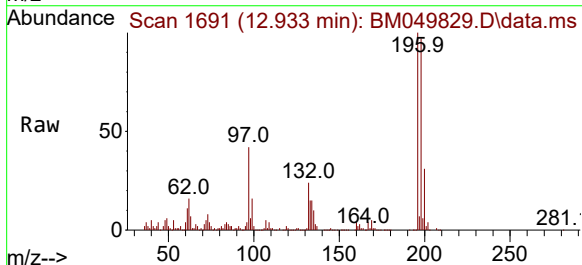
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

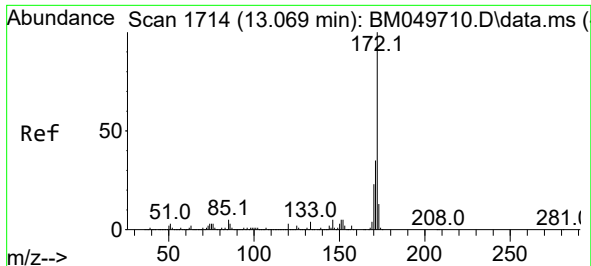
Tgt Ion:196 Resp: 193074  
Ion Ratio Lower Upper  
196 100  
198 101.5 78.3 117.5  
200 32.2 25.1 37.7



#44  
2,4,5-Trichlorophenol  
Concen: 12.236 ng  
RT: 12.933 min Scan# 1691  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:196 Resp: 214642  
Ion Ratio Lower Upper  
196 100  
198 96.7 76.7 115.1  
97 41.8 32.9 49.3  
132 23.7 16.8 25.2

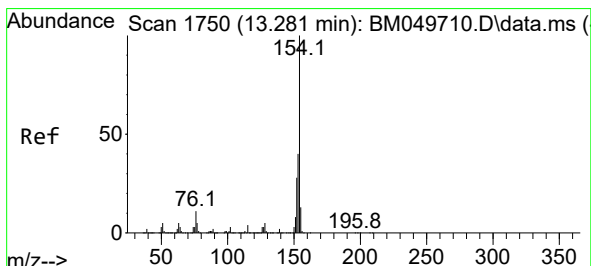
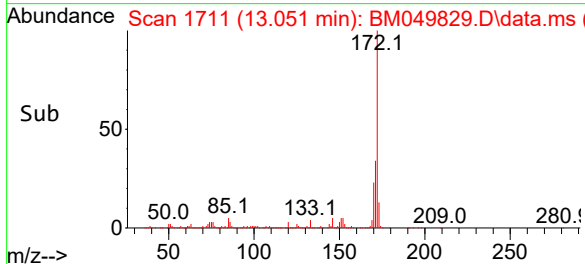
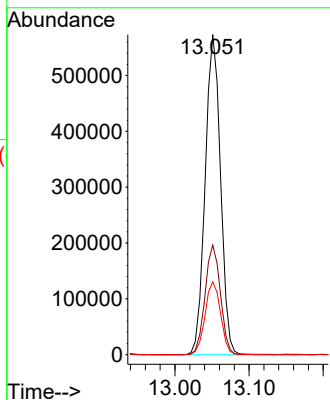
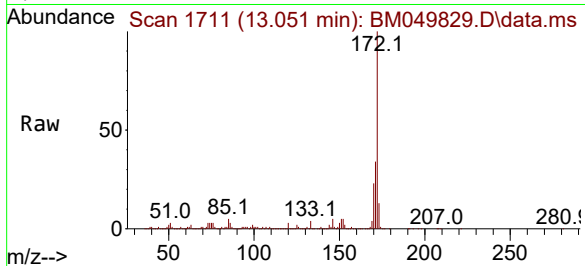




#45  
2-Fluorobiphenyl  
Concen: 13.234 ng  
RT: 13.051 min Scan# 1711  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

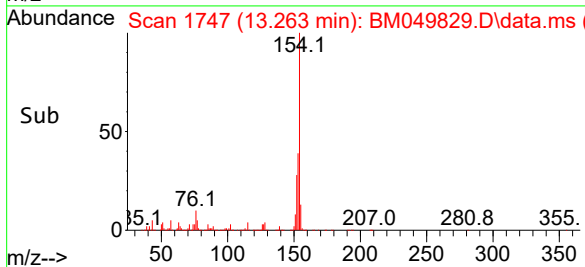
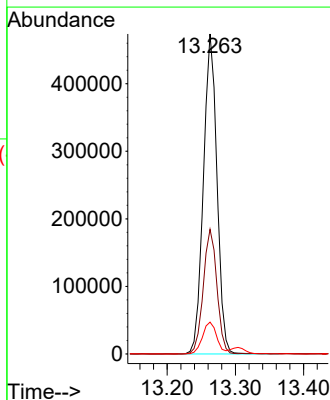
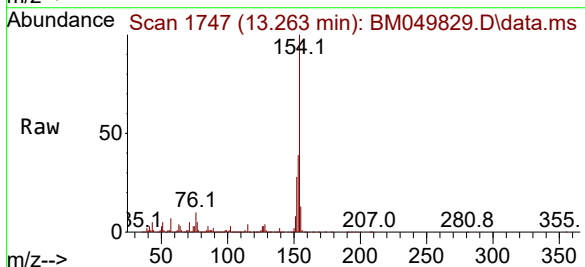
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

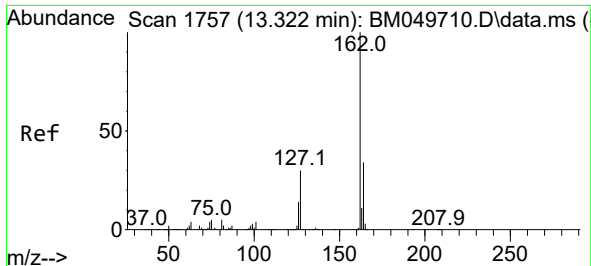
Tgt Ion:172 Resp: 825667  
Ion Ratio Lower Upper  
172 100  
171 34.2 27.9 41.9  
170 22.8 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 10.912 ng  
RT: 13.263 min Scan# 1747  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:154 Resp: 657119  
Ion Ratio Lower Upper  
154 100  
153 38.9 19.7 59.7  
76 9.9 0.0 31.2

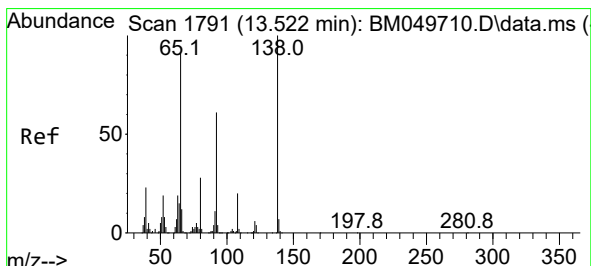
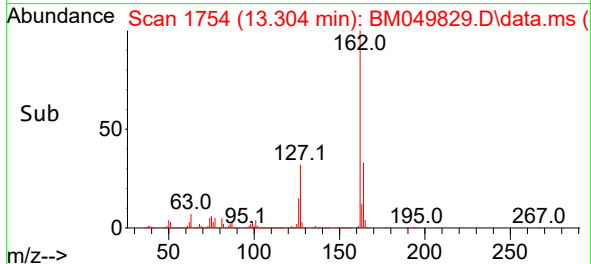
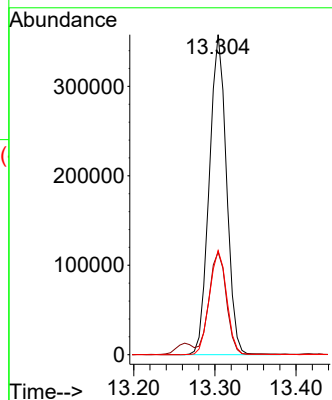
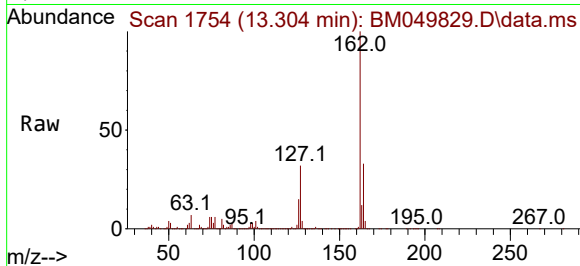




#47  
2-Chloronaphthalene  
Concen: 11.239 ng  
RT: 13.304 min Scan# 1754  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

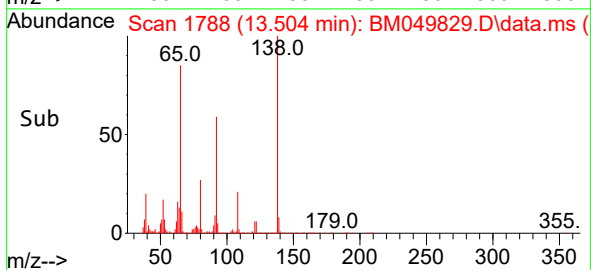
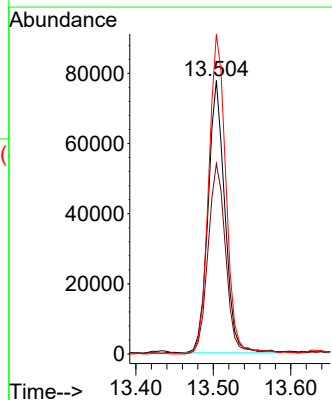
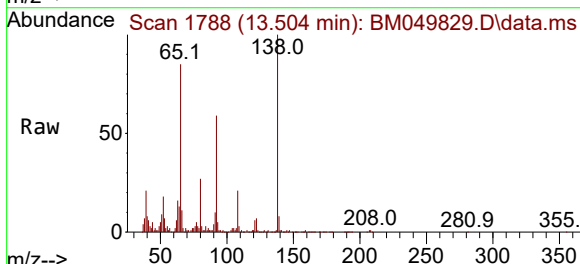
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

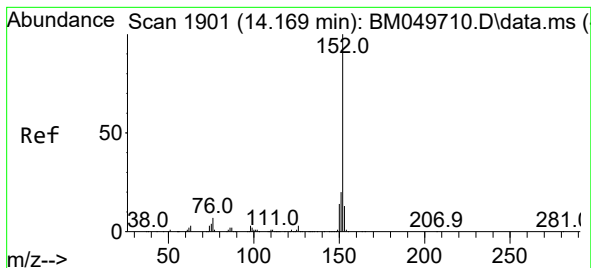
Tgt Ion:162 Resp: 526831  
Ion Ratio Lower Upper  
162 100  
127 32.1 25.8 38.6  
164 32.5 27.1 40.7



#48  
2-Nitroaniline  
Concen: 11.076 ng  
RT: 13.504 min Scan# 1788  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion: 65 Resp: 116547  
Ion Ratio Lower Upper  
65 100  
92 69.6 53.4 80.2  
138 117.0 87.6 131.4





#49

Acenaphthylene

Concen: 12.358 ng

RT: 14.151 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

AU-05-040325MS

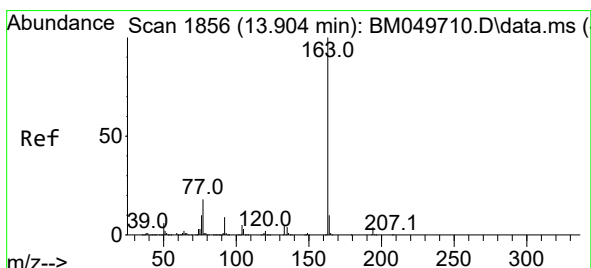
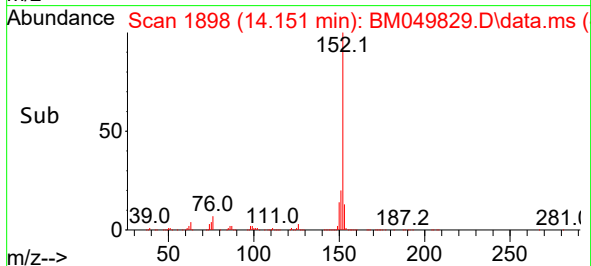
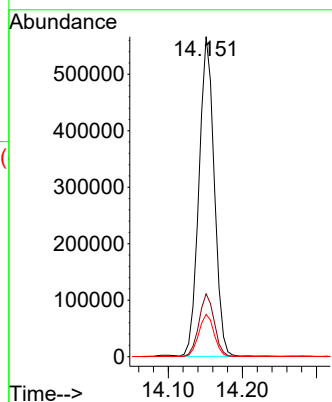
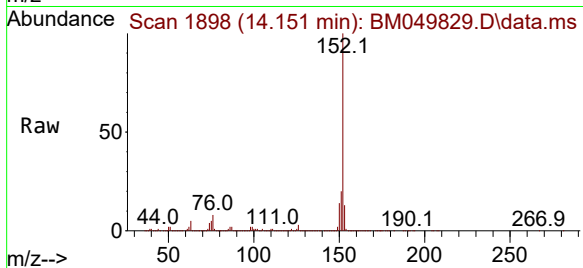
Tgt Ion:152 Resp: 809698

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

153 13.2 10.2 15.4



#50

Dimethylphthalate

Concen: 11.300 ng

RT: 13.886 min Scan# 1853

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

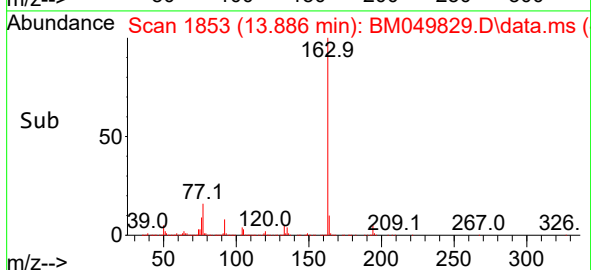
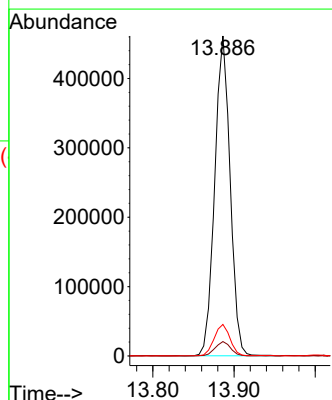
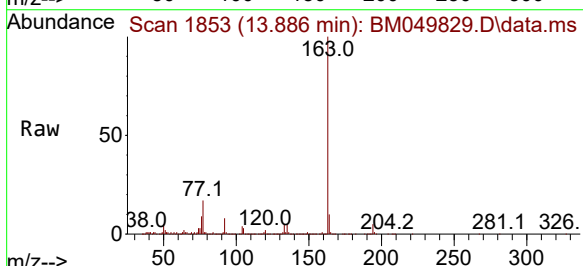
Tgt Ion:163 Resp: 607903

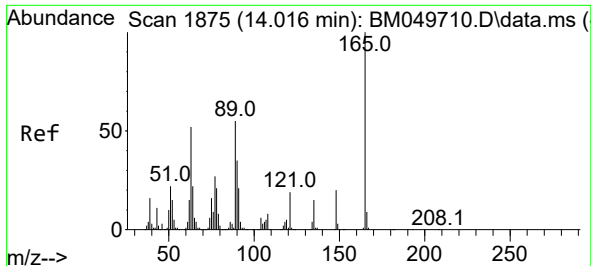
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 9.8 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 11.046 ng

RT: 14.004 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

AU-05-040325MS

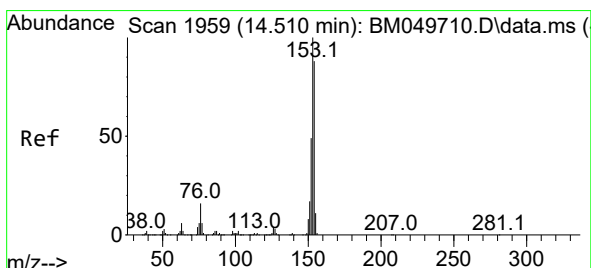
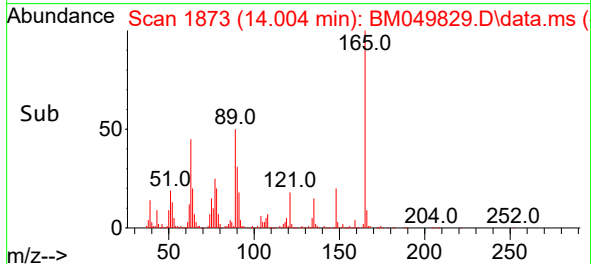
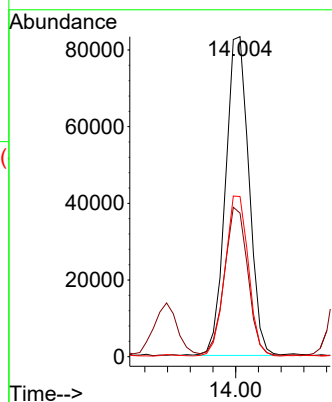
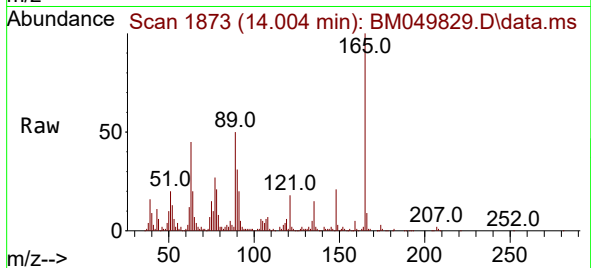
Tgt Ion:165 Resp: 119068

Ion Ratio Lower Upper

165 100

63 44.8 42.3 63.5

89 50.1 43.9 65.9



#52

Acenaphthene

Concen: 11.603 ng

RT: 14.498 min Scan# 1957

Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

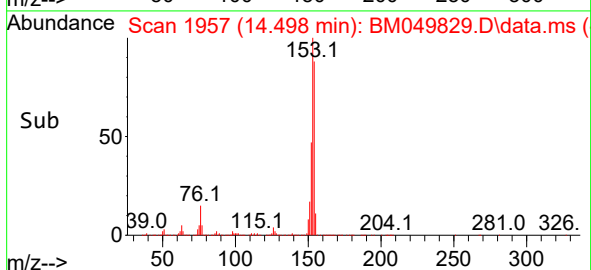
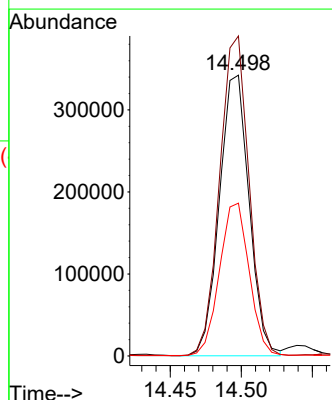
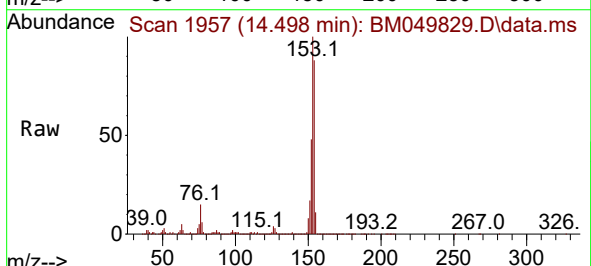
Tgt Ion:154 Resp: 498687

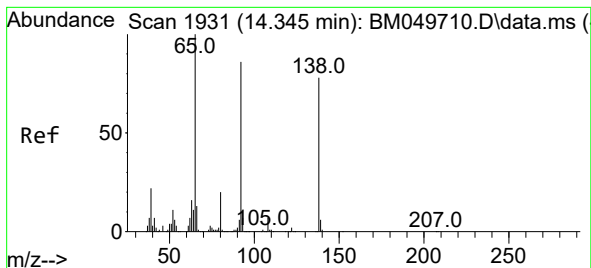
Ion Ratio Lower Upper

154 100

153 114.0 90.4 135.6

152 54.4 44.2 66.2

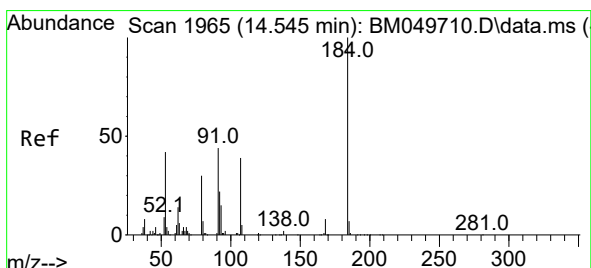
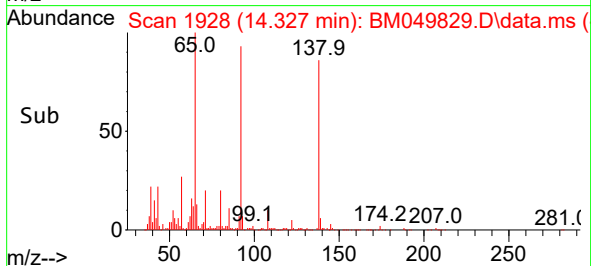
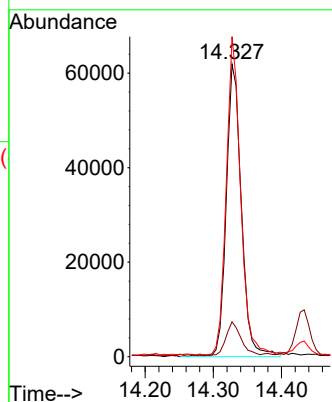
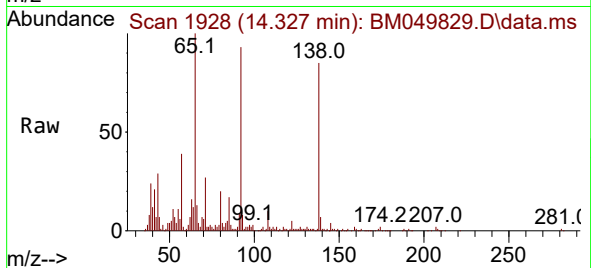




#53  
3-Nitroaniline  
Concen: 9.326 ng  
RT: 14.327 min Scan# 1931  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

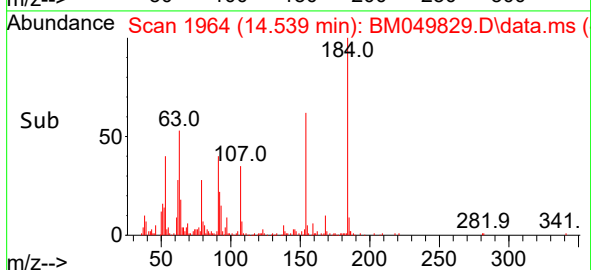
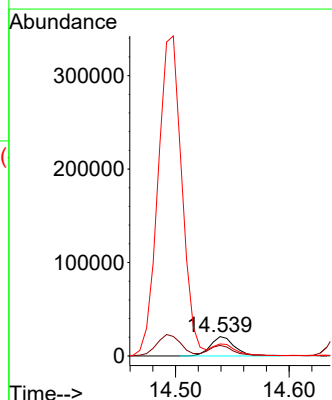
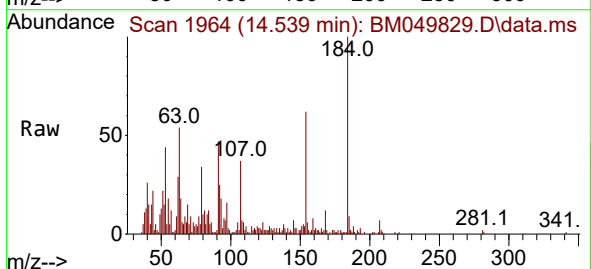
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

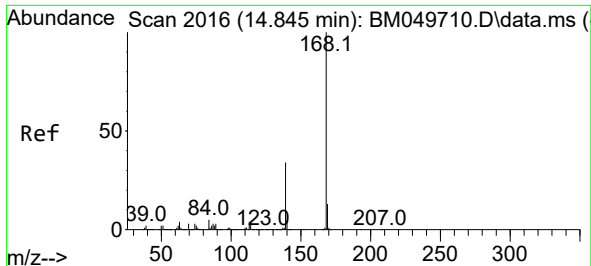
Tgt Ion:138 Resp: 95660  
Ion Ratio Lower Upper  
138 100  
108 11.9 7.5 11.3#  
92 109.4 88.0 132.0



#54  
2,4-Dinitrophenol  
Concen: 9.666 ng  
RT: 14.539 min Scan# 1964  
Delta R.T. -0.006 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:184 Resp: 30528  
Ion Ratio Lower Upper  
184 100  
63 54.5 47.2 70.8  
154 61.6 49.9 74.9

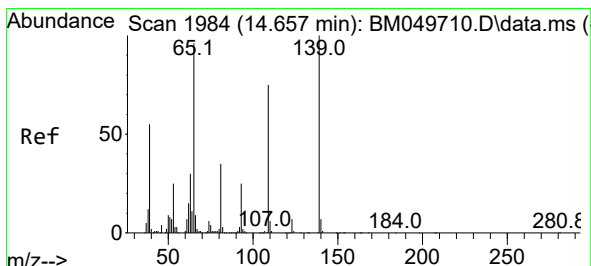
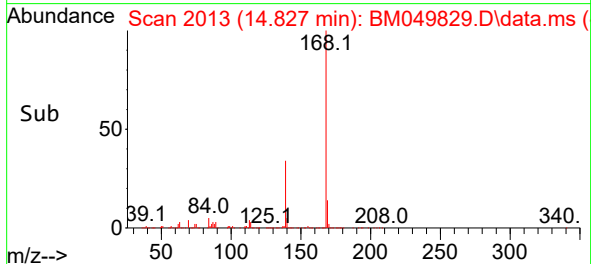
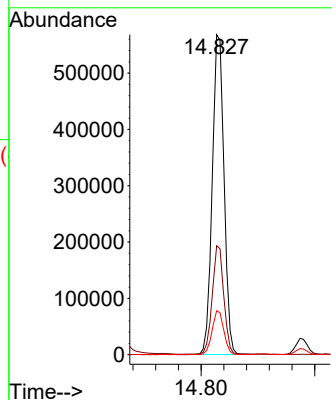
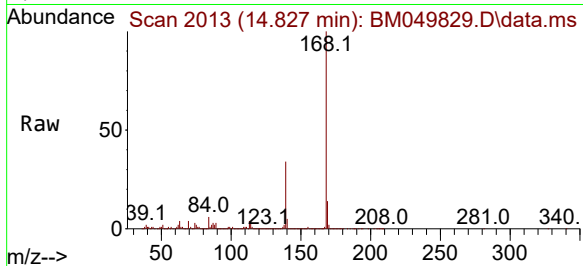




#55  
Dibenzenofuran  
Concen: 11.361 ng  
RT: 14.827 min Scan# 20  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

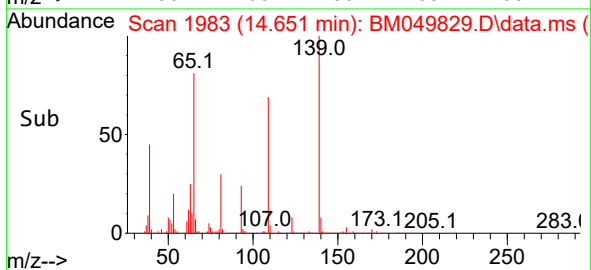
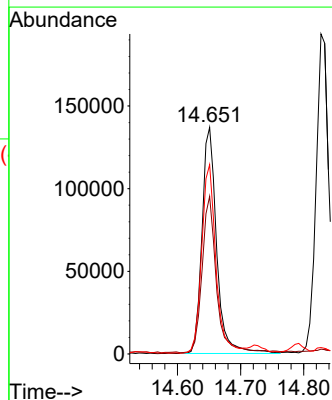
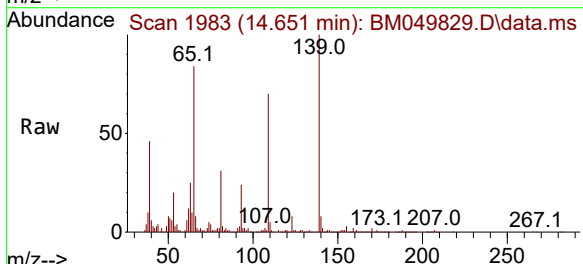
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

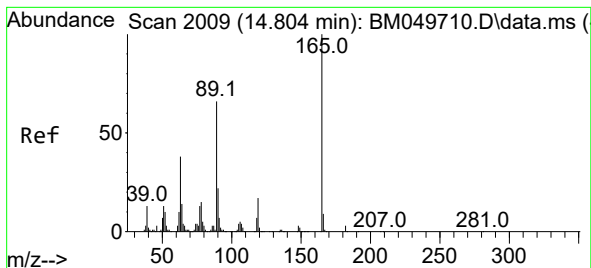
Tgt Ion:168 Resp: 813576  
Ion Ratio Lower Upper  
168 100  
139 34.1 27.4 41.0  
169 13.7 10.7 16.1



#56  
4-Nitrophenol  
Concen: 24.753 ng  
RT: 14.651 min Scan# 1983  
Delta R.T. -0.006 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:139 Resp: 221020  
Ion Ratio Lower Upper  
139 100  
109 69.5 54.7 94.7  
65 83.5 76.2 116.2





#57

2,4-Dinitrotoluene

Concen: 11.760 ng

RT: 14.792 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

AU-05-040325MS

Tgt Ion:165 Resp: 163120

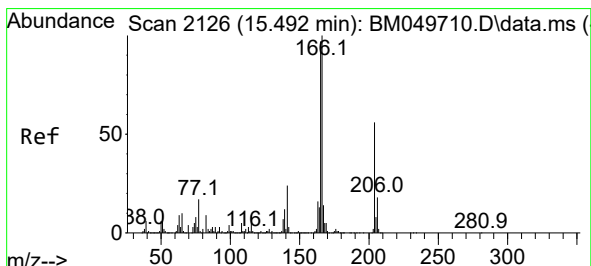
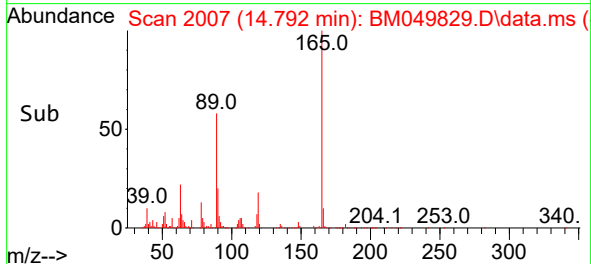
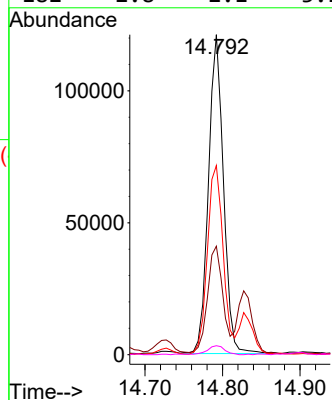
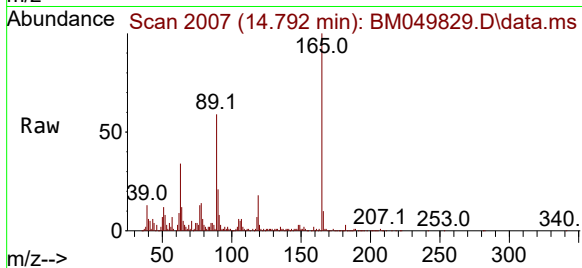
Ion Ratio Lower Upper

165 100

63 33.9 30.8 46.2

89 59.1 53.1 79.7

182 2.8 2.1 3.1



#58

Fluorene

Concen: 11.871 ng

RT: 15.480 min Scan# 2124

Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

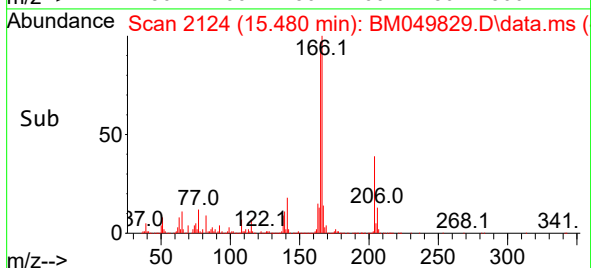
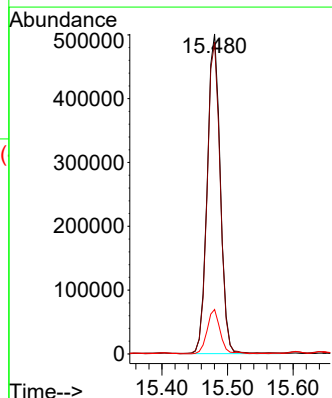
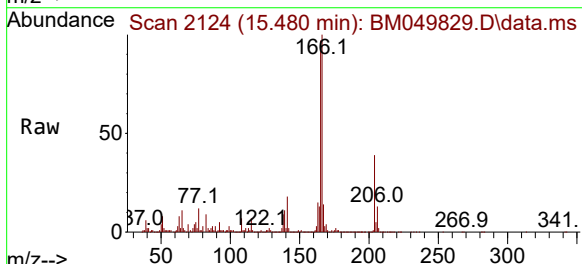
Tgt Ion:166 Resp: 692161

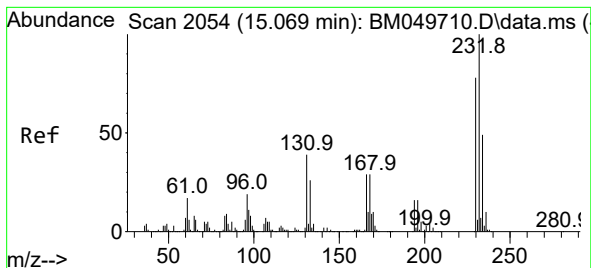
Ion Ratio Lower Upper

166 100

165 97.3 77.5 116.3

167 13.9 10.9 16.3

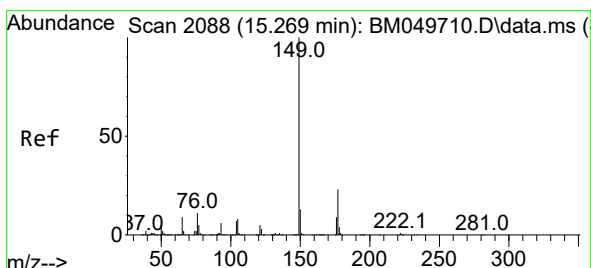
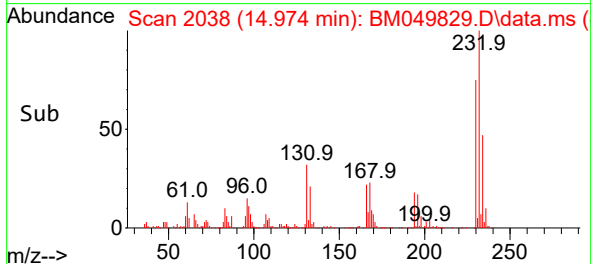
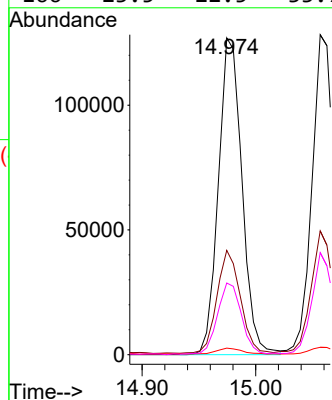
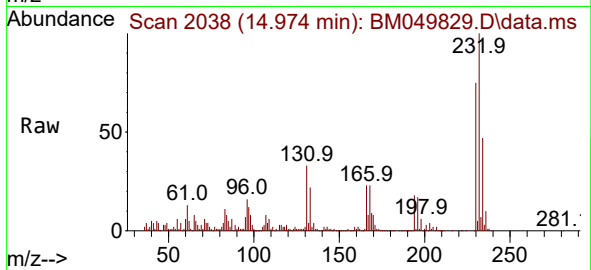




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 12.486 ng  
RT: 14.974 min Scan# 2054  
Delta R.T. -0.094 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

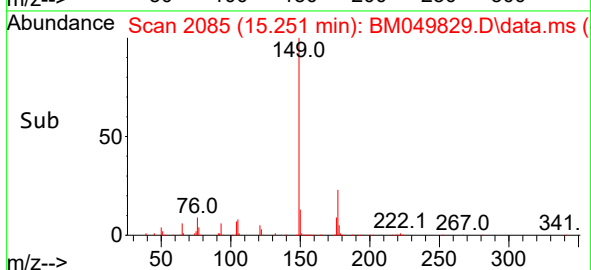
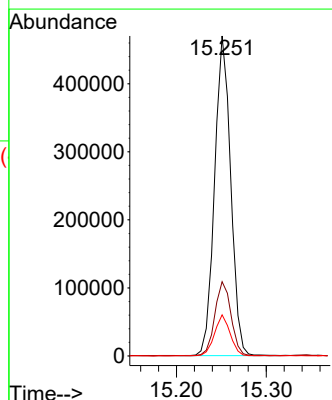
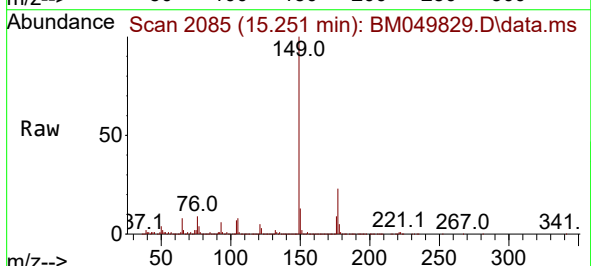
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

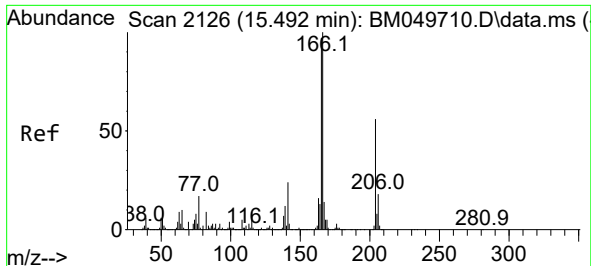
Tgt Ion:232 Resp: 183341  
Ion Ratio Lower Upper  
232 100  
131 32.0 30.0 45.0  
130 2.0 1.6 2.4  
166 23.5 22.5 33.7



#60  
Diethylphthalate  
Concen: 11.561 ng  
RT: 15.251 min Scan# 2085  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:149 Resp: 585778  
Ion Ratio Lower Upper  
149 100  
177 23.2 18.2 27.2  
150 12.8 10.0 15.0

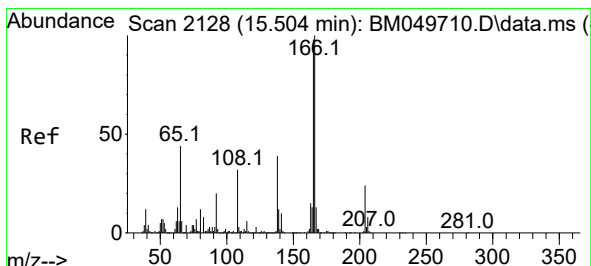
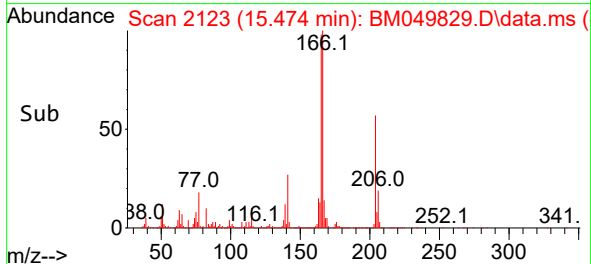
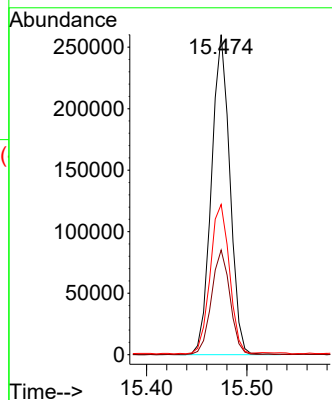
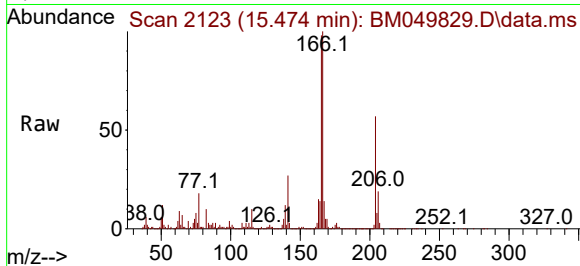




#61  
4-Chlorophenyl-phenylether  
Concen: 10.447 ng  
RT: 15.474 min Scan# 2123  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

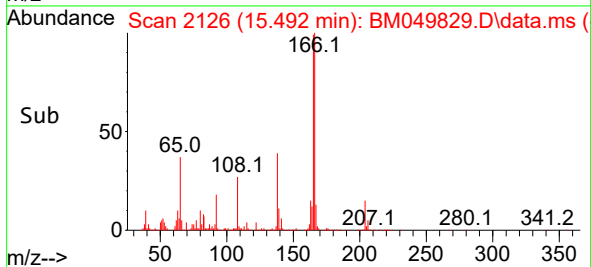
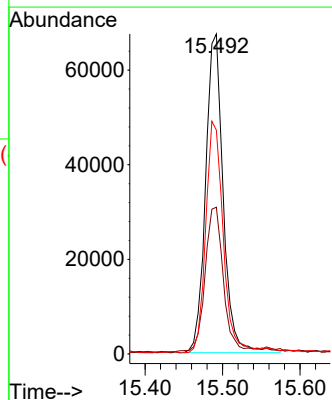
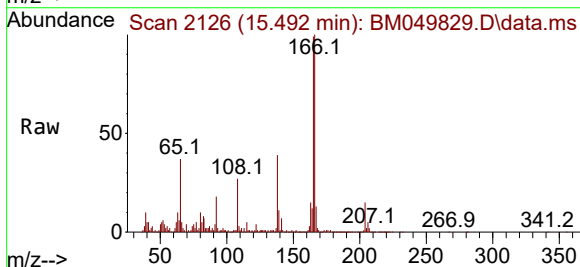
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

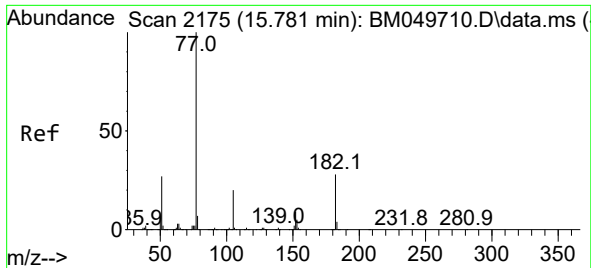
Tgt Ion:204 Resp: 332632  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.2 37.8  
141 47.0 34.5 51.7



#62  
4-Nitroaniline  
Concen: 11.784 ng  
RT: 15.492 min Scan# 2126  
Delta R.T. -0.012 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:138 Resp: 106279  
Ion Ratio Lower Upper  
138 100  
92 45.8 29.8 69.8  
108 70.0 61.3 101.3

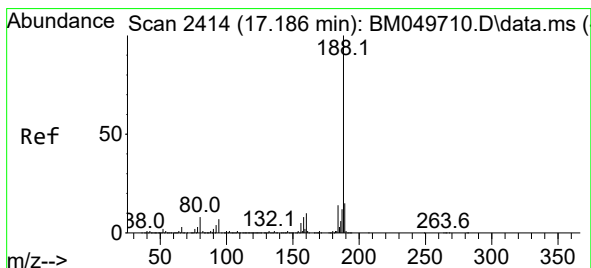
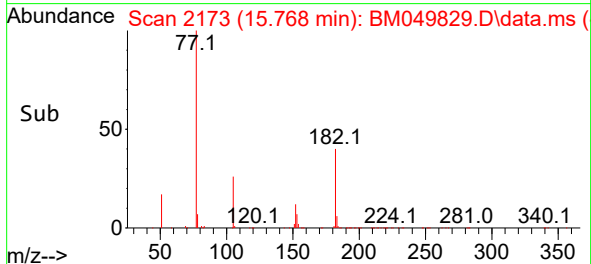
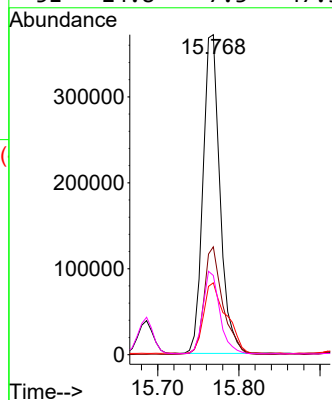
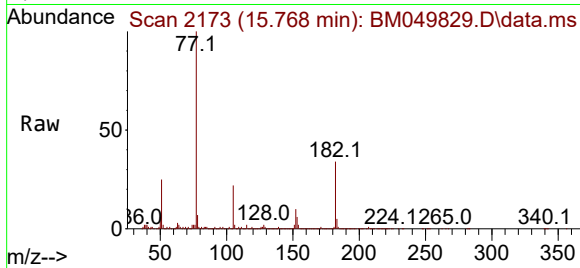




#63  
 Azobenzene  
 Concen: 11.121 ng  
 RT: 15.768 min Scan# 2173  
 Delta R.T. -0.012 min  
 Lab File: BM049829.D  
 Acq: 04 Apr 2025 18:37

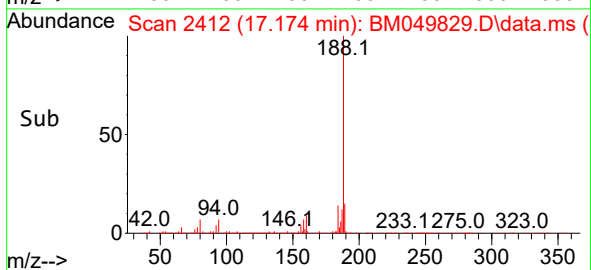
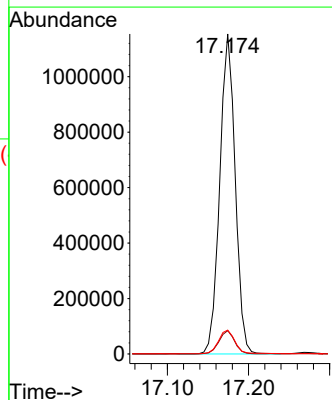
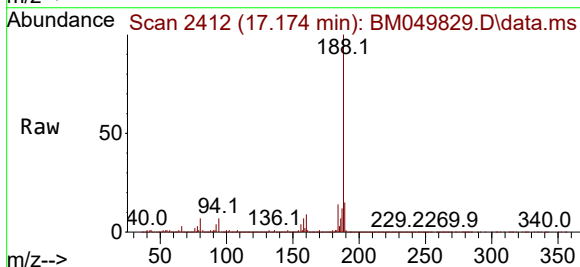
Instrument :  
 BNA\_M  
 ClientSampleId :  
 AU-05-040325MS

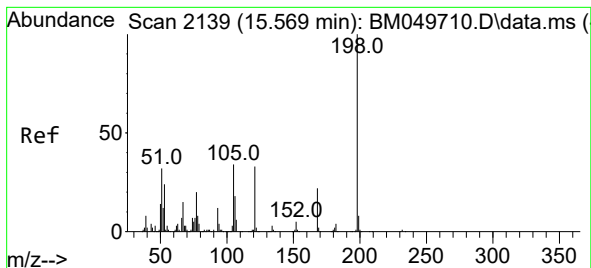
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 538207 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 33.7    | 8.0 48.0     |
| 105 22.5    | 0.0 40.0     |
| 51 24.8     | 7.3 47.3     |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.174 min Scan# 2412  
 Delta R.T. -0.012 min  
 Lab File: BM049829.D  
 Acq: 04 Apr 2025 18:37

|              |               |
|--------------|---------------|
| Tgt Ion: 188 | Resp: 1529677 |
| Ion Ratio    | Lower Upper   |
| 188 100      |               |
| 94 7.3       | 5.8 8.6       |
| 80 7.5       | 6.3 9.5       |

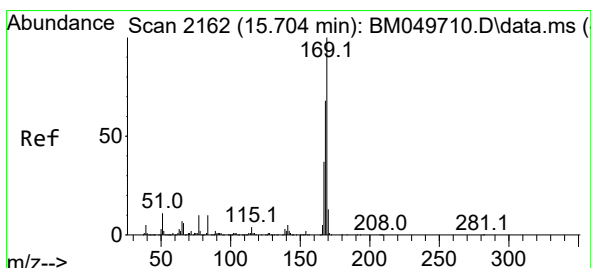
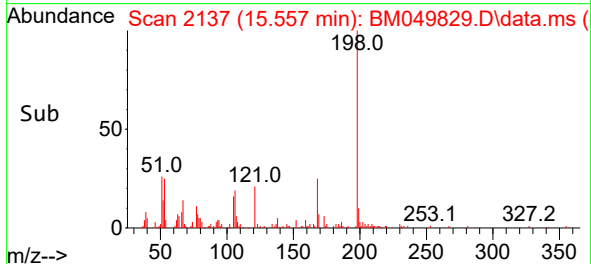
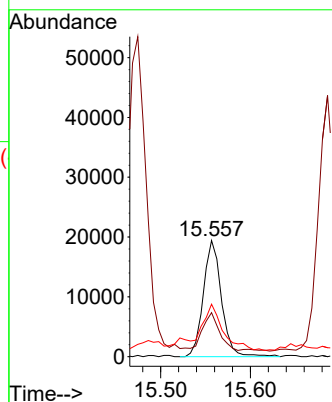
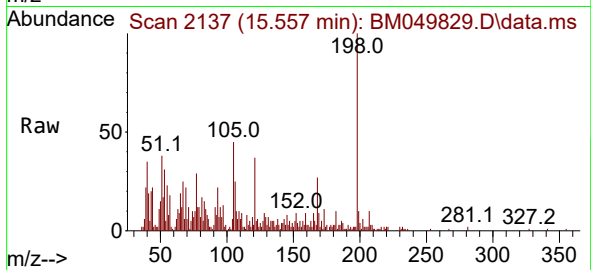




#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.849 ng  
RT: 15.557 min Scan# 2137  
Delta R.T. -0.012 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

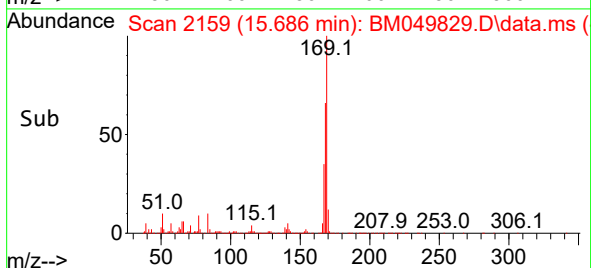
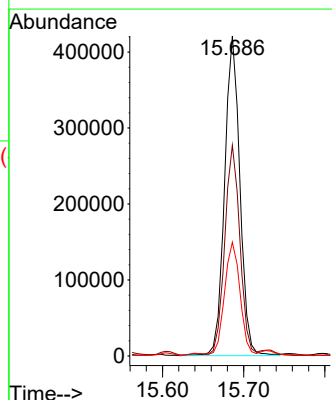
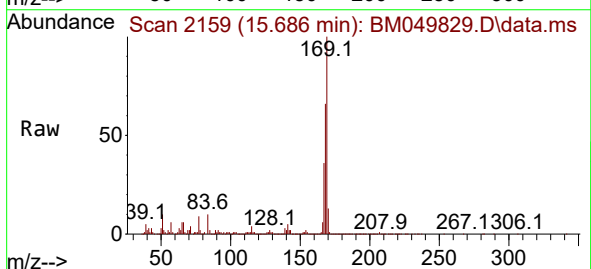
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

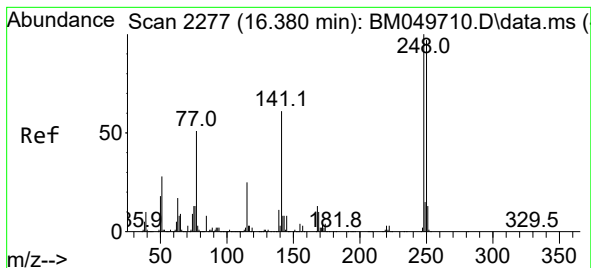
Tgt Ion:198 Resp: 27336  
Ion Ratio Lower Upper  
198 100  
51 37.9 13.8 53.8  
105 45.2 14.0 54.0



#66  
n-Nitrosodiphenylamine  
Concen: 11.920 ng  
RT: 15.686 min Scan# 2159  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:169 Resp: 552434  
Ion Ratio Lower Upper  
169 100  
168 65.9 54.8 82.2  
167 35.6 29.9 44.9

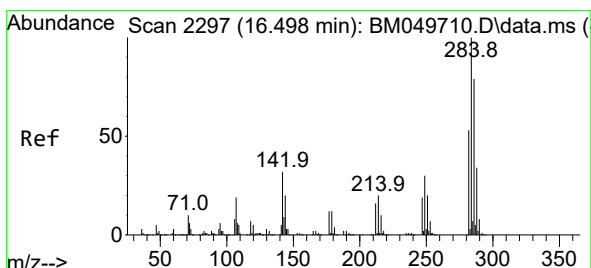
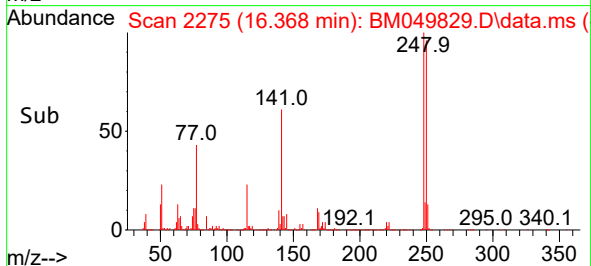
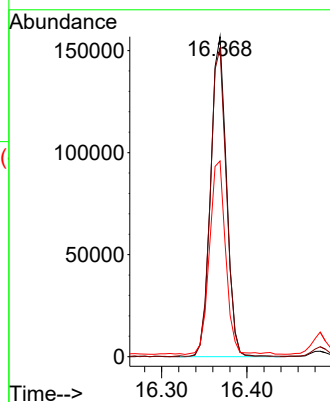
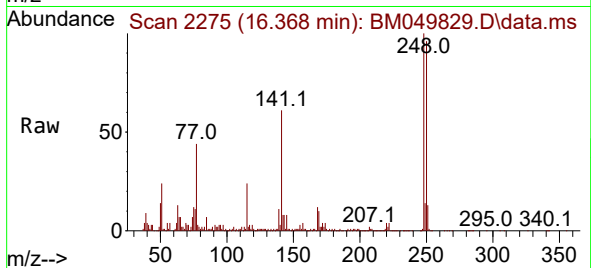




#67  
4-Bromophenyl-phenylether  
Concen: 11.436 ng  
RT: 16.368 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

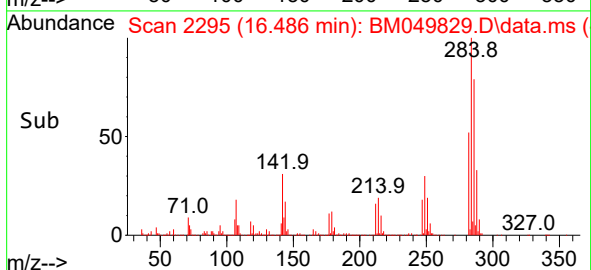
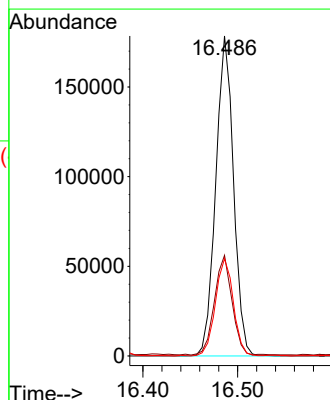
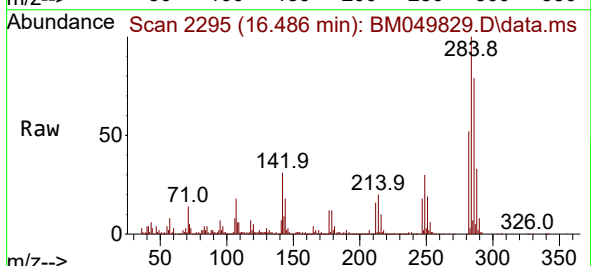
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

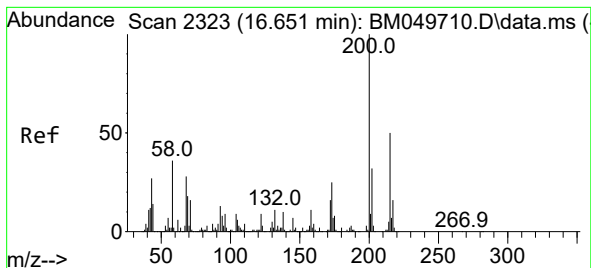
Tgt Ion:248 Resp: 201975  
Ion Ratio Lower Upper  
248 100  
250 96.4 77.9 116.9  
141 61.2 48.6 73.0



#68  
Hexachlorobenzene  
Concen: 11.689 ng  
RT: 16.486 min Scan# 2295  
Delta R.T. -0.012 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:284 Resp: 232143  
Ion Ratio Lower Upper  
284 100  
142 31.5 25.5 38.3  
249 30.4 24.2 36.2





#69

Atrazine

Concen: 19.185 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

AU-05-040325MS

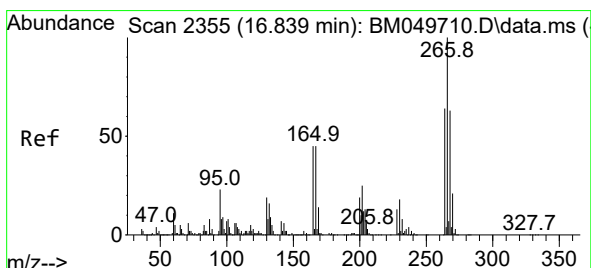
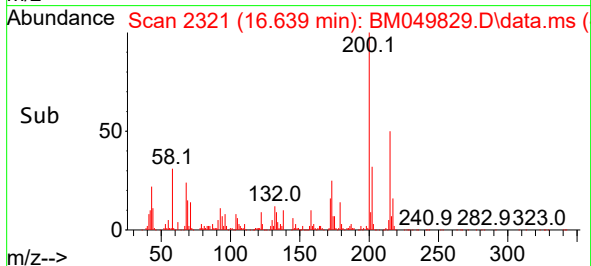
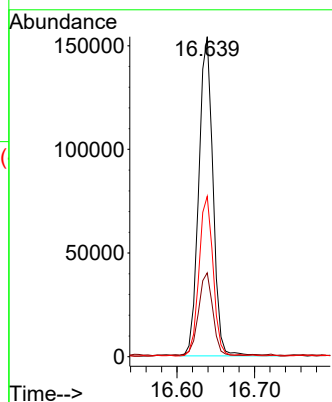
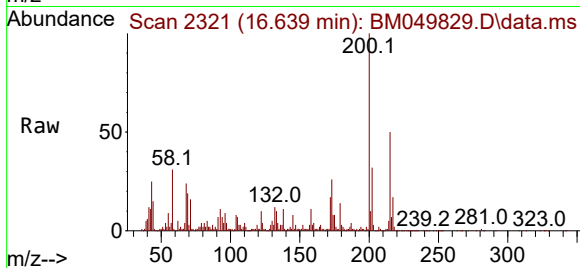
Tgt Ion:200 Resp: 195957

Ion Ratio Lower Upper

200 100

173 26.2 5.4 45.4

215 50.1 29.8 69.8



#70

Pentachlorophenol

Concen: 23.846 ng

RT: 16.827 min Scan# 2353

Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

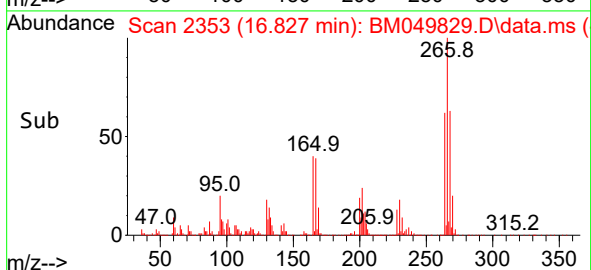
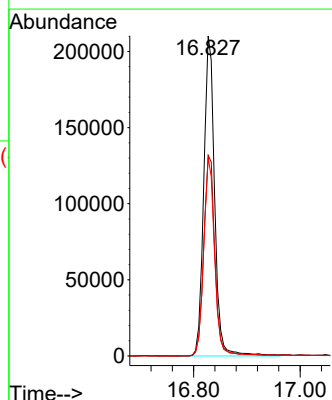
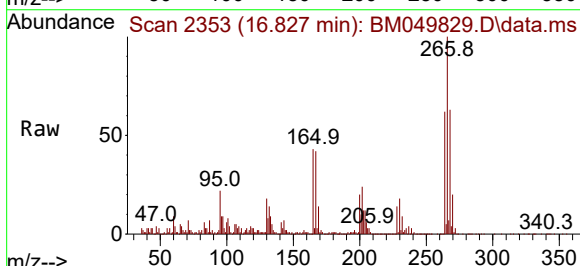
Tgt Ion:266 Resp: 297614

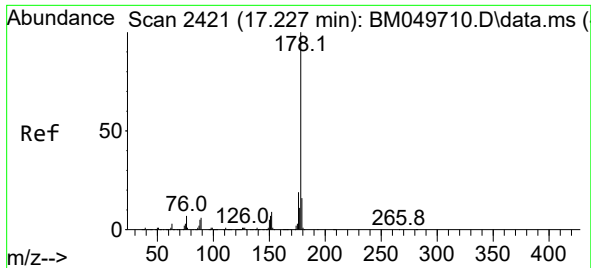
Ion Ratio Lower Upper

266 100

268 62.7 50.2 75.2

264 61.9 51.3 76.9

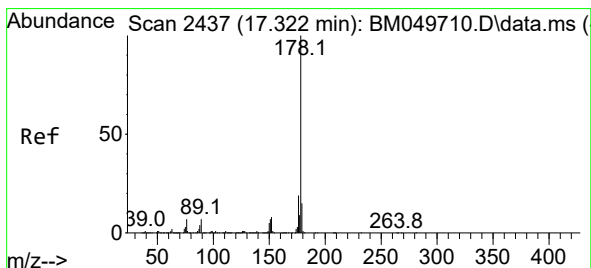
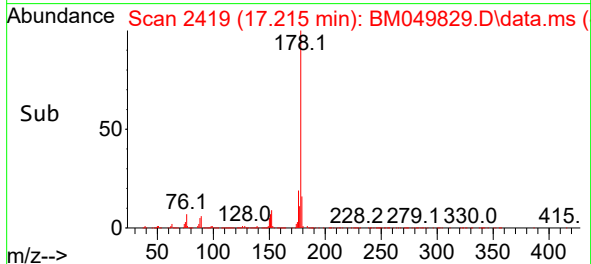
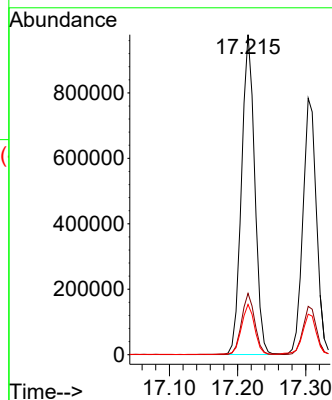
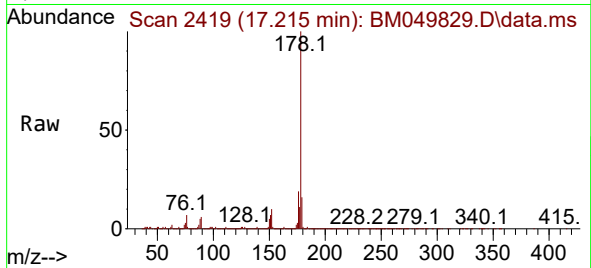




#71  
Phenanthrene  
Concen: 15.487 ng  
RT: 17.215 min Scan# 24  
Delta R.T. -0.012 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

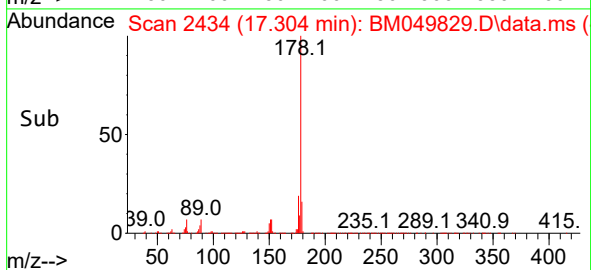
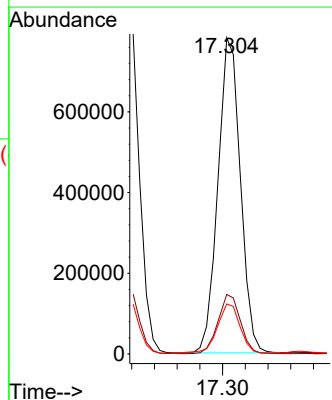
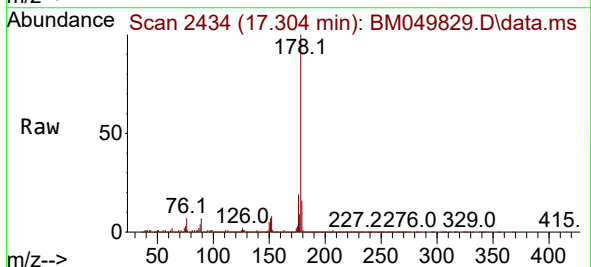
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

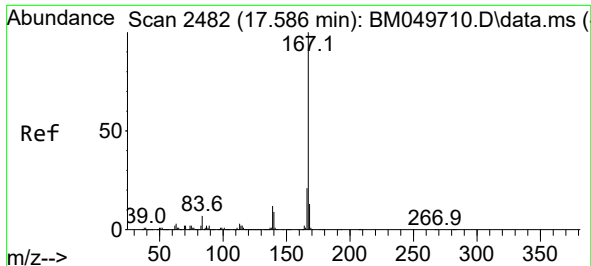
Tgt Ion:178 Resp: 1315428  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.5 23.3  
179 15.7 12.5 18.7



#72  
Anthracene  
Concen: 13.059 ng  
RT: 17.304 min Scan# 2434  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:178 Resp: 1074203  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.1 22.7  
179 15.8 12.4 18.6

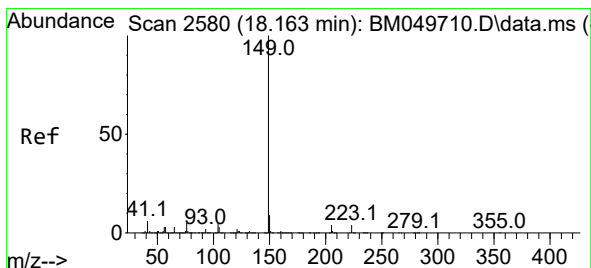
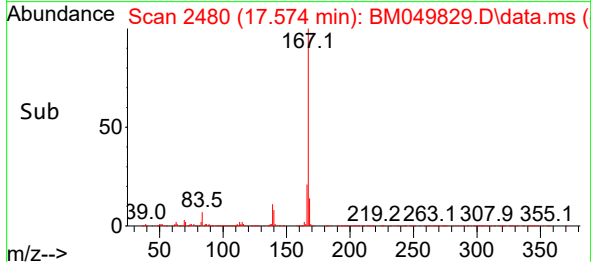
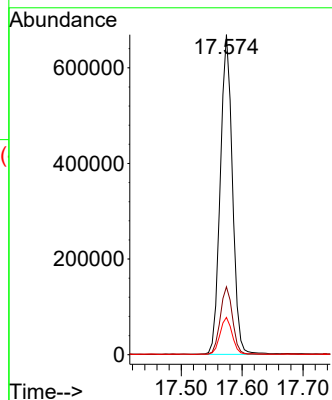
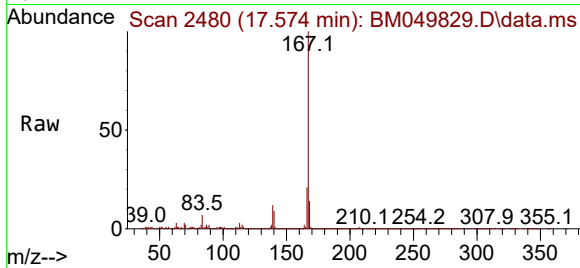




#73  
Carbazole  
Concen: 12.410 ng  
RT: 17.574 min Scan# 24  
Delta R.T. -0.012 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

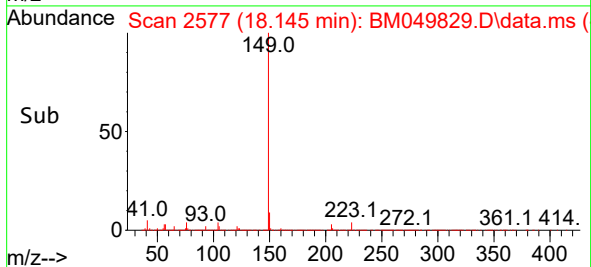
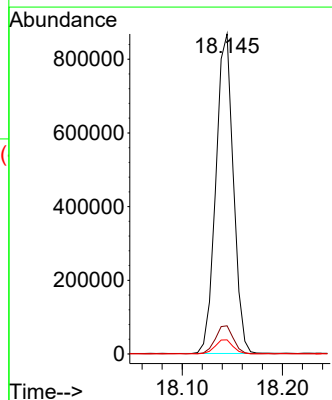
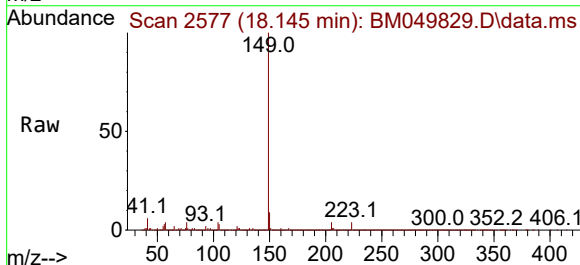
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

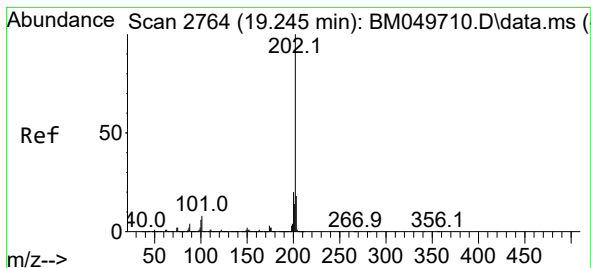
Tgt Ion:167 Resp: 924533  
Ion Ratio Lower Upper  
167 100  
166 21.2 17.0 25.6  
139 11.6 9.4 14.2



#74  
Di-n-butylphthalate  
Concen: 12.870 ng  
RT: 18.145 min Scan# 2577  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:149 Resp: 1050840  
Ion Ratio Lower Upper  
149 100  
150 8.8 7.2 10.8  
104 4.4 3.9 5.9





#75

Fluoranthene

Concen: 14.446 ng

RT: 19.233 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

AU-05-040325MS

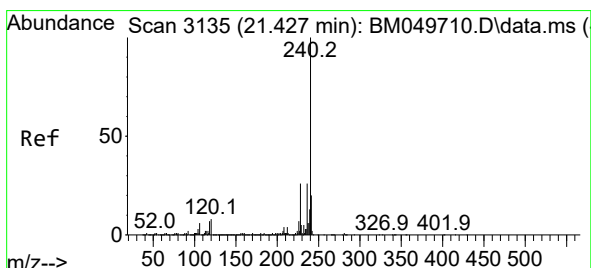
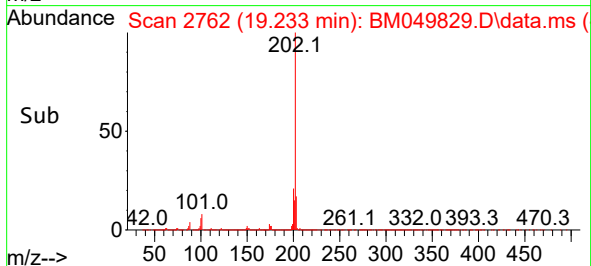
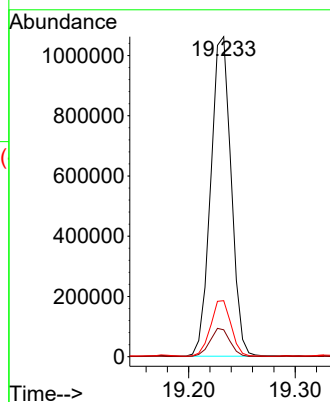
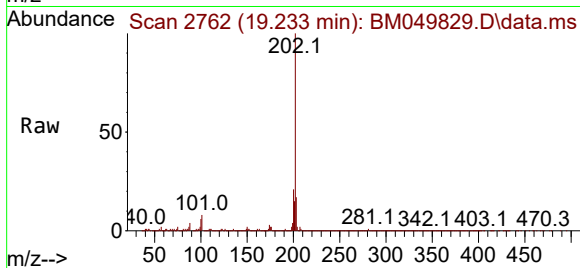
Tgt Ion:202 Resp: 1412660

Ion Ratio Lower Upper

202 100

101 8.4 0.0 27.8

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3132

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

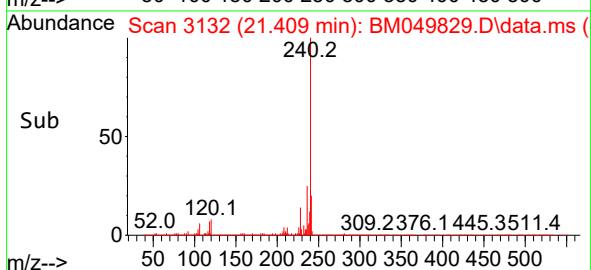
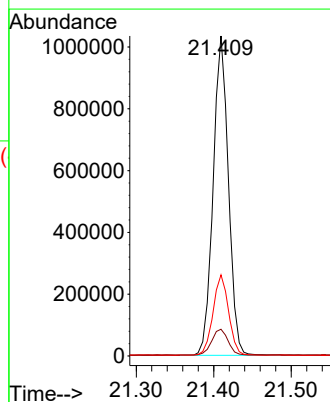
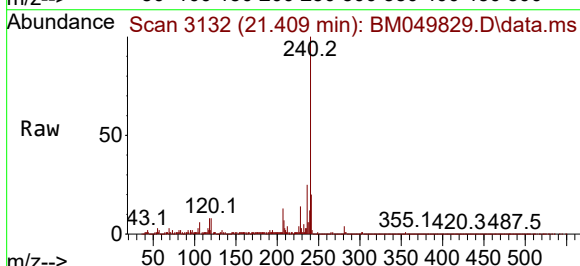
Tgt Ion:240 Resp: 1412224

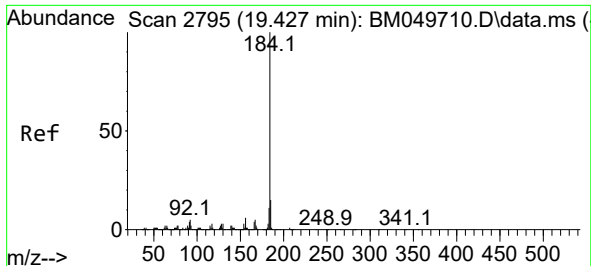
Ion Ratio Lower Upper

240 100

120 8.4 6.5 9.7

236 25.3 20.7 31.1

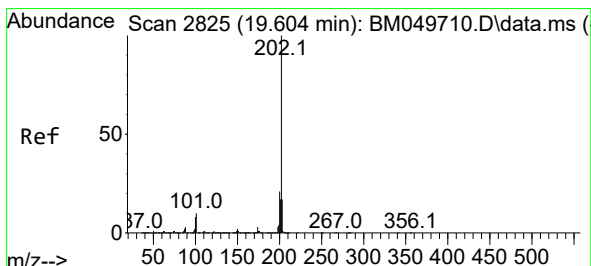
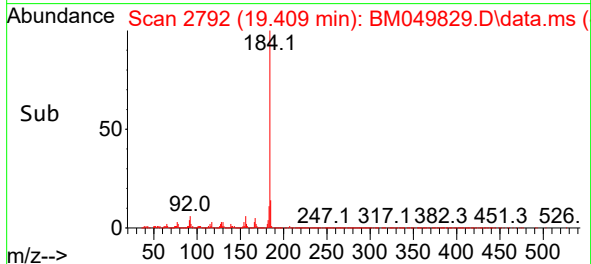
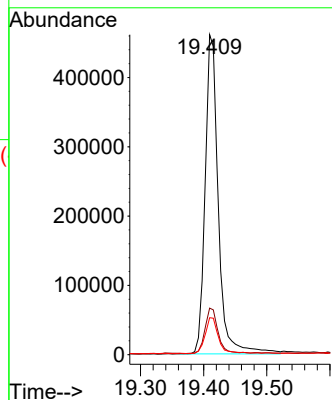
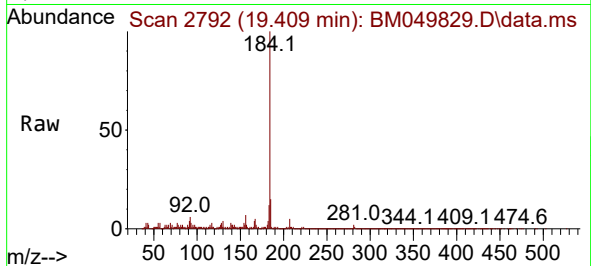




#77  
Benzidine  
Concen: 39.411 ng  
RT: 19.409 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

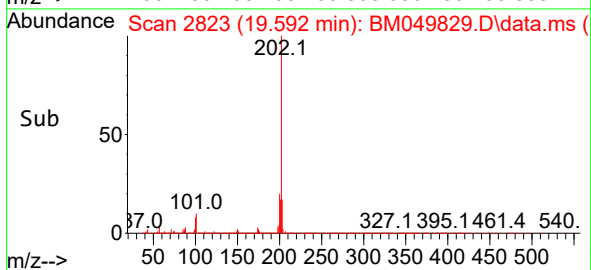
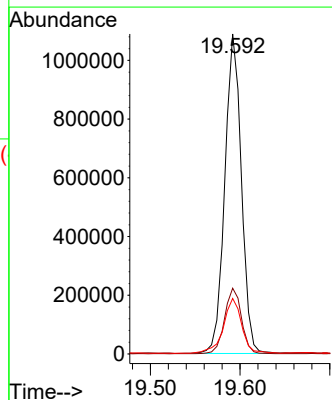
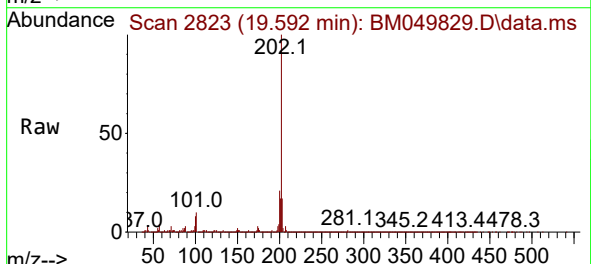
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

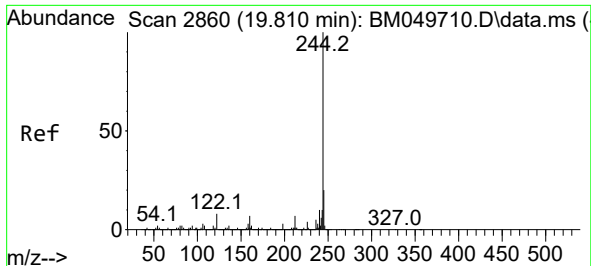
Tgt Ion:184 Resp: 668659  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.7 17.5  
183 11.6 8.8 13.2



#78  
Pyrene  
Concen: 14.171 ng  
RT: 19.592 min Scan# 2823  
Delta R.T. -0.012 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:202 Resp: 1398205  
Ion Ratio Lower Upper  
202 100  
200 20.5 17.0 25.4  
203 17.4 14.0 21.0

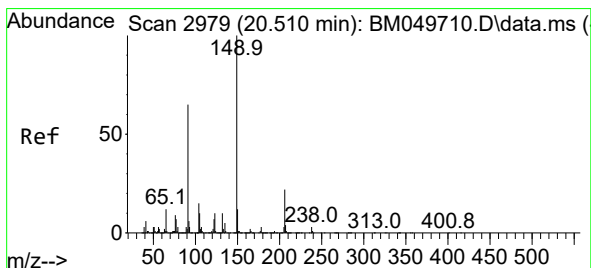
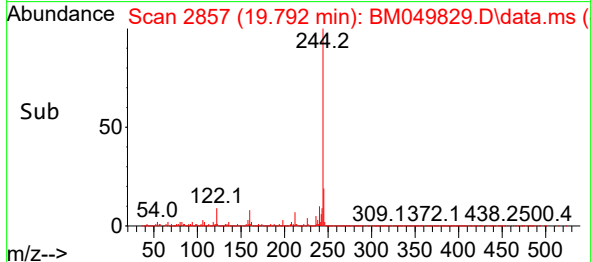
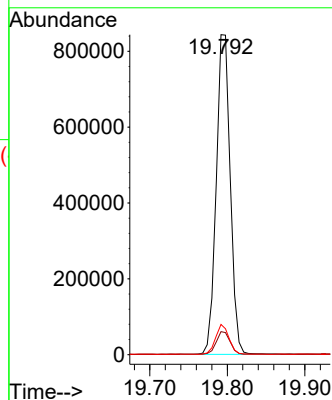
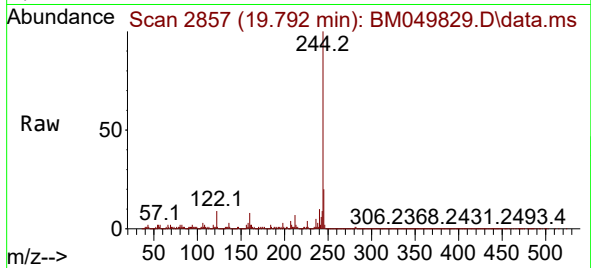




#79  
 Terphenyl-d14  
 Concen: 12.640 ng  
 RT: 19.792 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BM049829.D  
 Acq: 04 Apr 2025 18:37

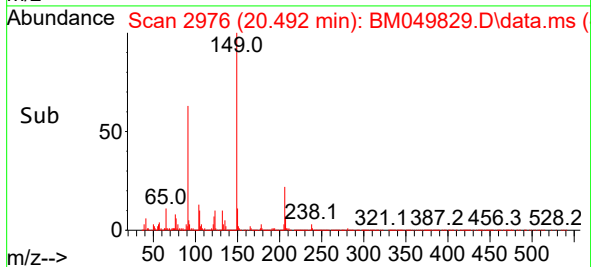
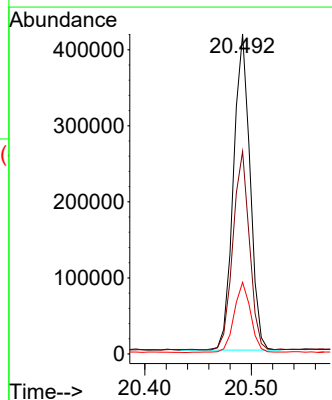
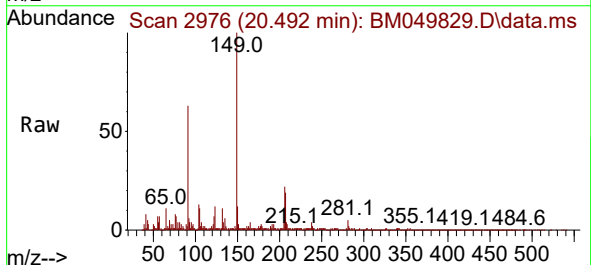
Instrument :  
 BNA\_M  
 ClientSampleId :  
 AU-05-040325MS

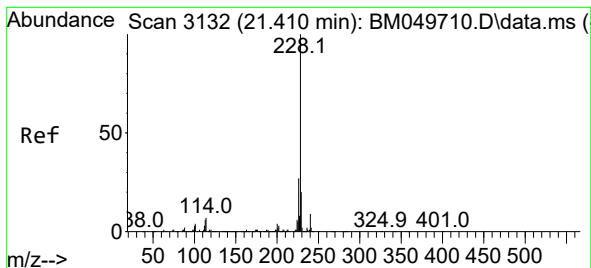
Tgt Ion:244 Resp: 1059271  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 9.5 6.0 9.0#



#80  
 Butylbenzylphthalate  
 Concen: 14.723 ng  
 RT: 20.492 min Scan# 2976  
 Delta R.T. -0.018 min  
 Lab File: BM049829.D  
 Acq: 04 Apr 2025 18:37

Tgt Ion:149 Resp: 450830  
 Ion Ratio Lower Upper  
 149 100  
 91 63.3 52.2 78.4  
 206 22.4 17.6 26.4





#81

Benzo(a)anthracene

Concen: 13.207 ng

RT: 21.392 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

AU-05-040325MS

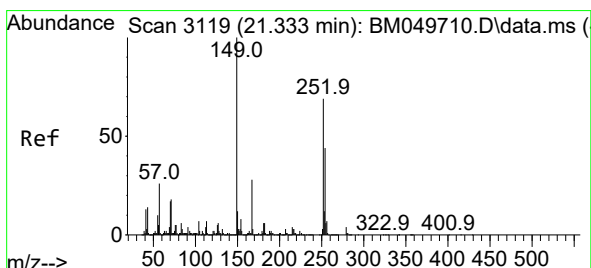
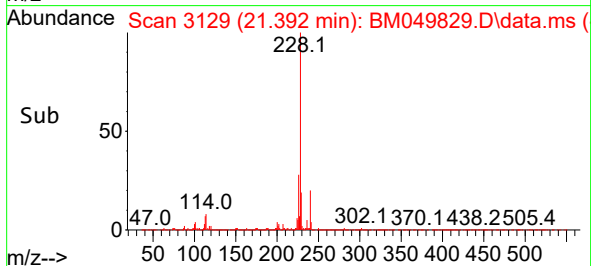
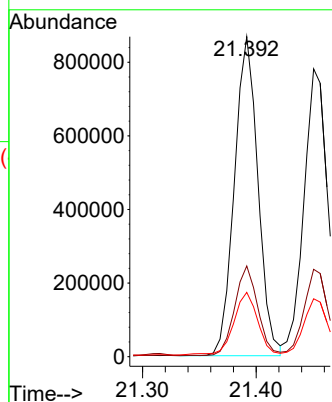
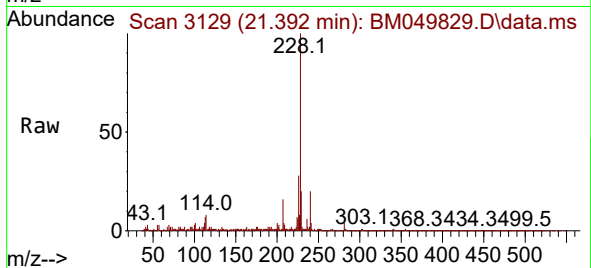
Tgt Ion:228 Resp: 1245757

Ion Ratio Lower Upper

228 100

226 28.3 22.0 33.0

229 20.1 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 12.027 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

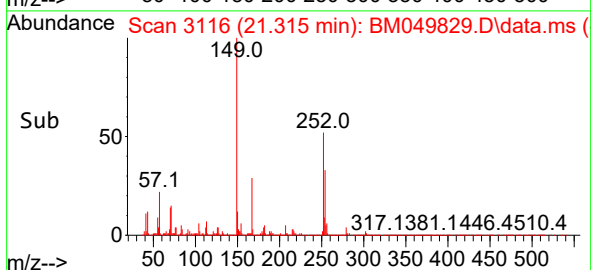
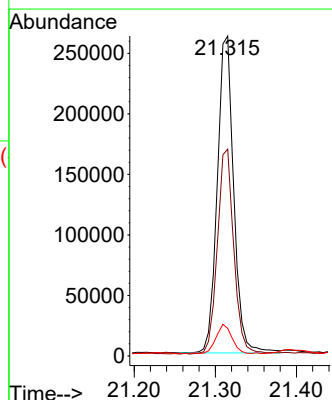
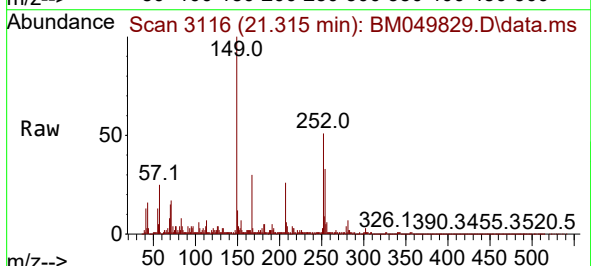
Tgt Ion:252 Resp: 369370

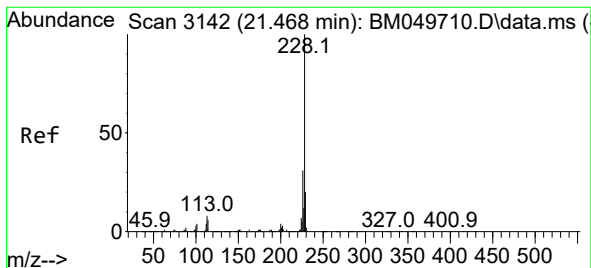
Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.4

126 8.6 6.3 9.5





#83

Chrysene

Concen: 12.652 ng

RT: 21.450 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

AU-05-040325MS

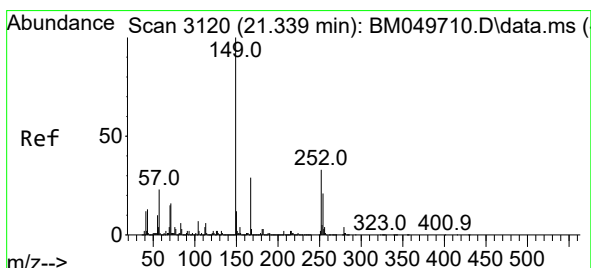
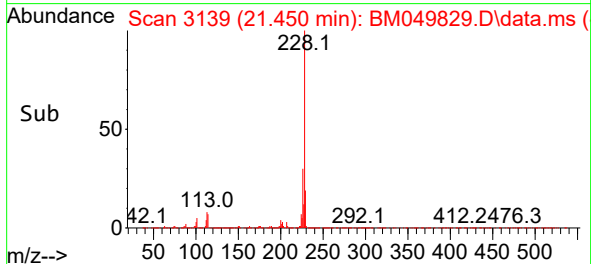
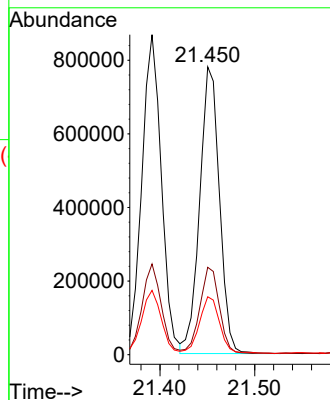
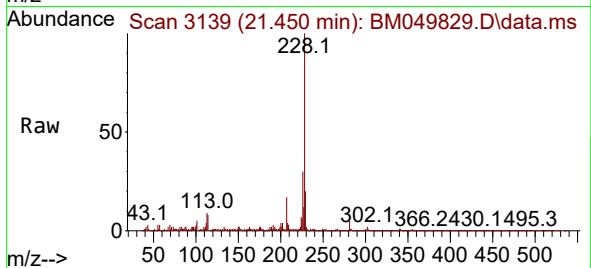
Tgt Ion:228 Resp: 1131306

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.973 ng

RT: 21.321 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

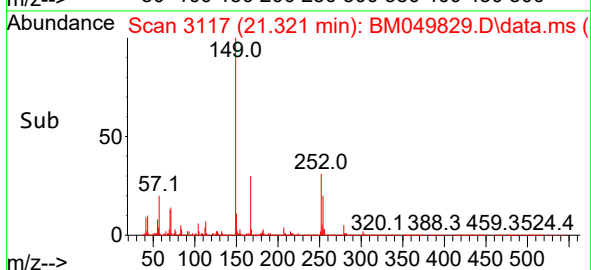
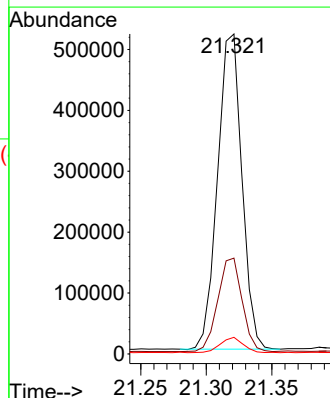
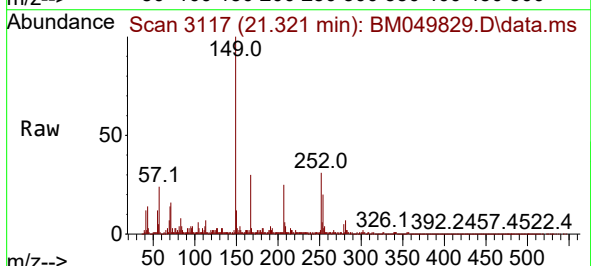
Tgt Ion:149 Resp: 666803

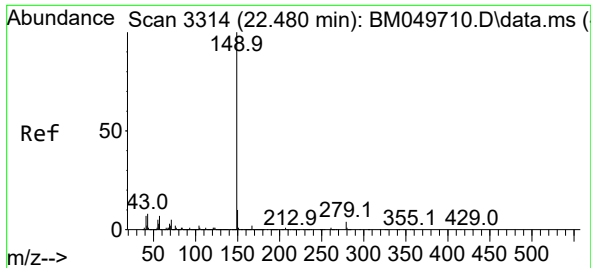
Ion Ratio Lower Upper

149 100

167 30.0 22.9 34.3

279 5.2 3.5 5.3

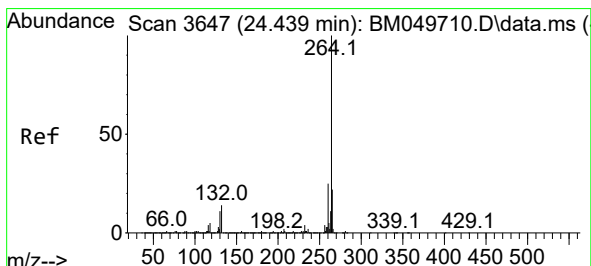
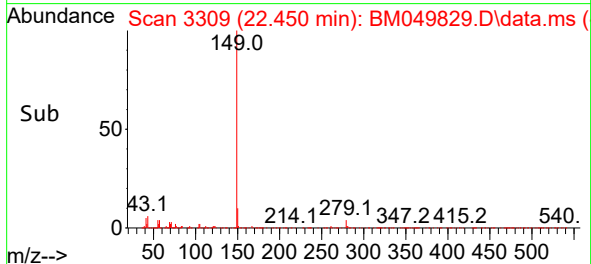
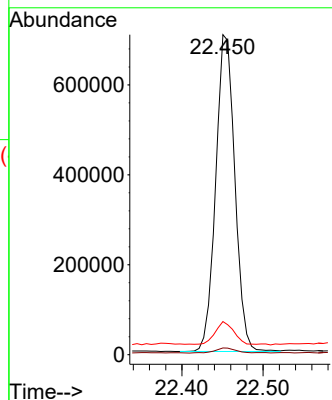
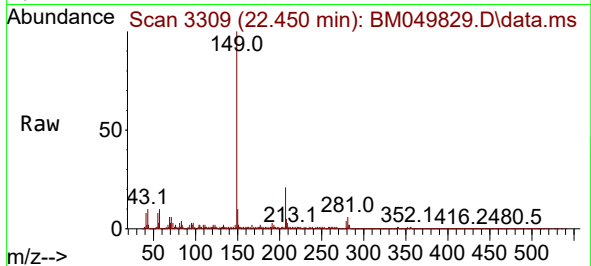




#85  
Di-n-octyl phthalate  
Concen: 15.595 ng  
RT: 22.450 min Scan# 31  
Delta R.T. -0.030 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

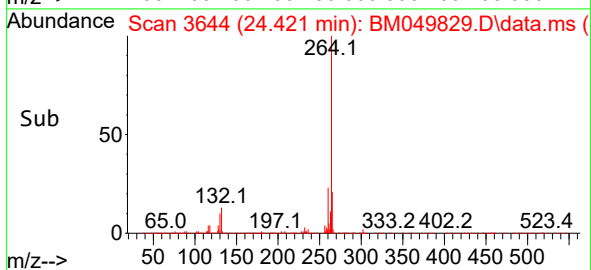
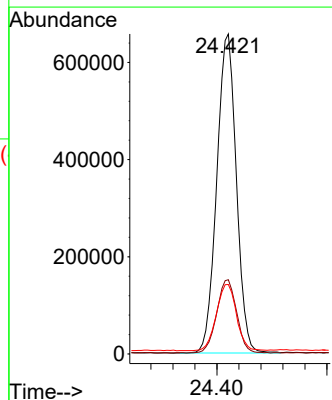
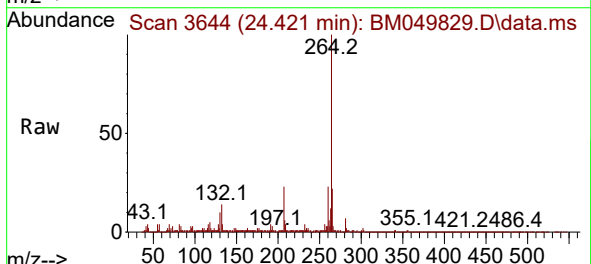
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

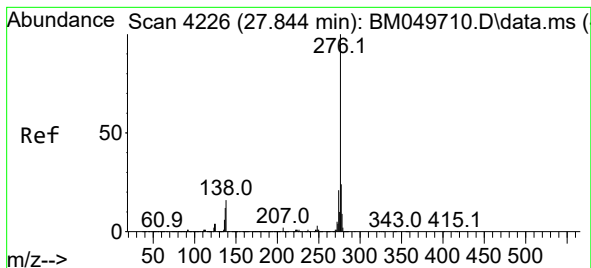
Tgt Ion:149 Resp: 1156643  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 6.8 6.8 10.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.421 min Scan# 3644  
Delta R.T. -0.018 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:264 Resp: 1622359  
Ion Ratio Lower Upper  
264 100  
260 23.2 19.6 29.4  
265 21.7 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 12.321 ng

RT: 27.809 min Scan# 41

Delta R.T. -0.036 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

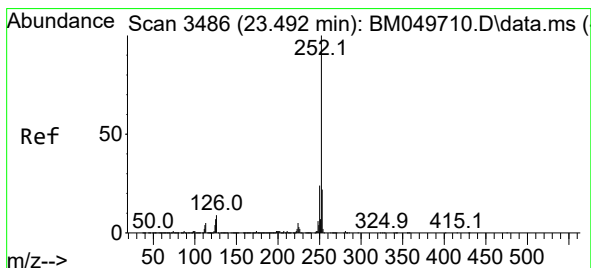
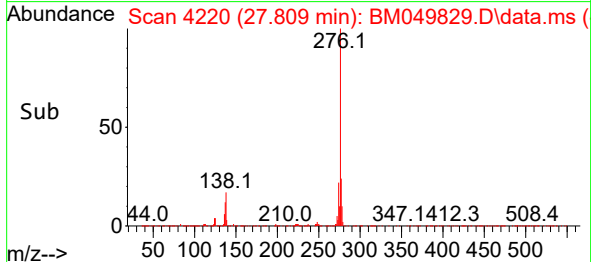
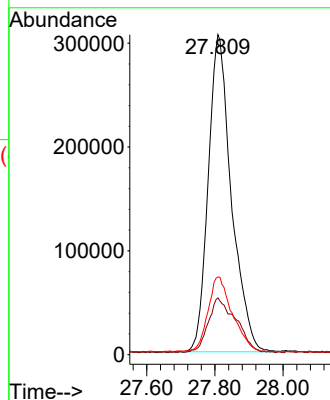
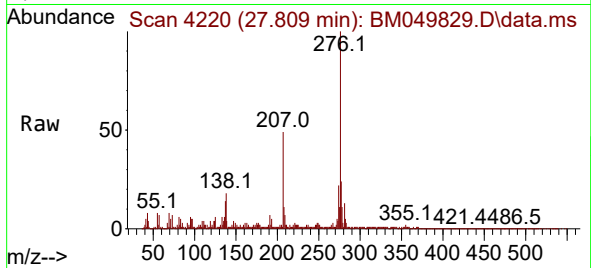
BNA\_M

ClientSampleId :

AU-05-040325MS

Tgt Ion:276 Resp: 1438682

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 20.5  | 16.3  | 24.5  |
| 277 | 24.9  | 19.9  | 29.9  |



#88

Benzo(b)fluoranthene

Concen: 11.380 ng

RT: 23.468 min Scan# 3482

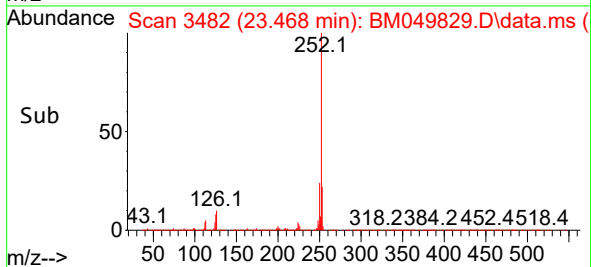
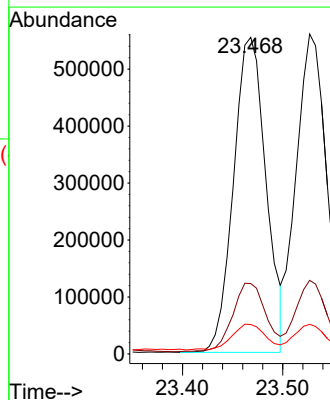
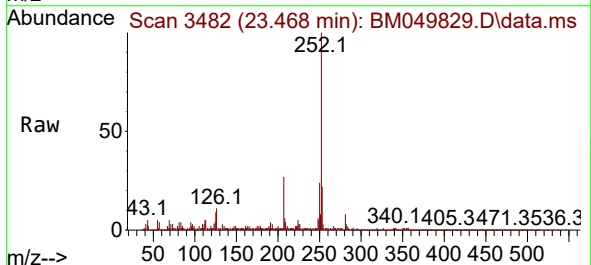
Delta R.T. -0.024 min

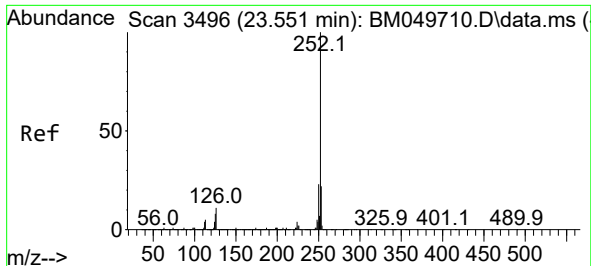
Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Tgt Ion:252 Resp: 1243499

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 17.4  | 26.0  |
| 125 | 9.3   | 5.9   | 8.9   |

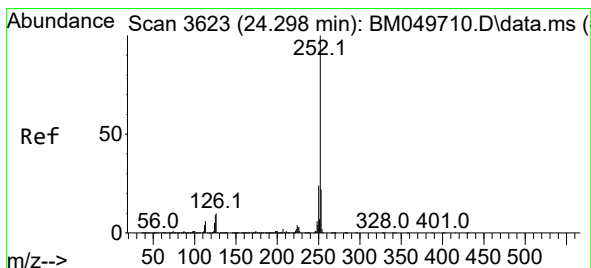
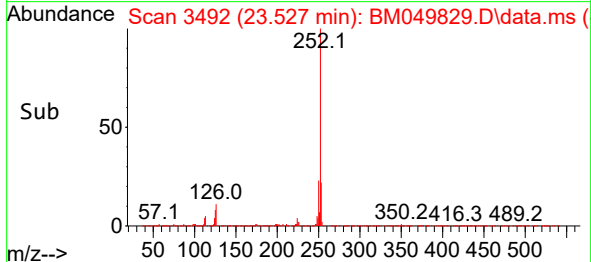
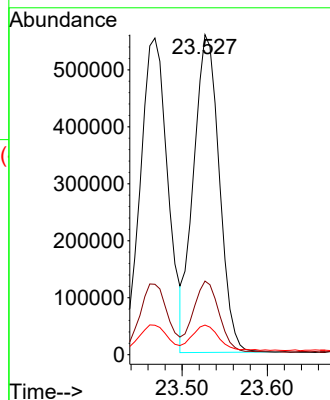
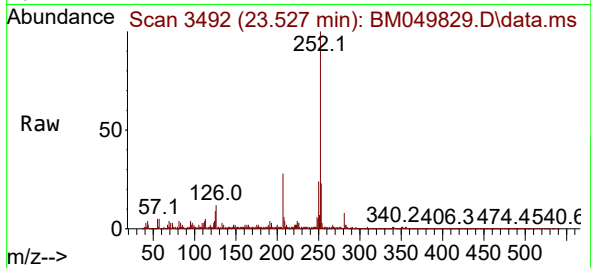




#89  
Benzo(k)fluoranthene  
Concen: 10.908 ng  
RT: 23.527 min Scan# 34  
Delta R.T. -0.024 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

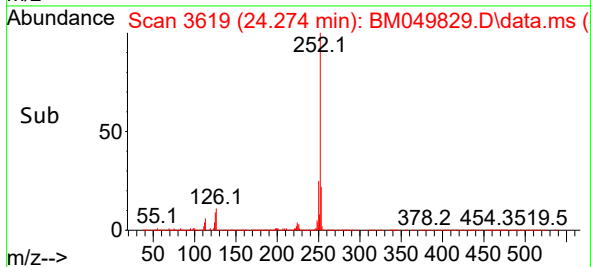
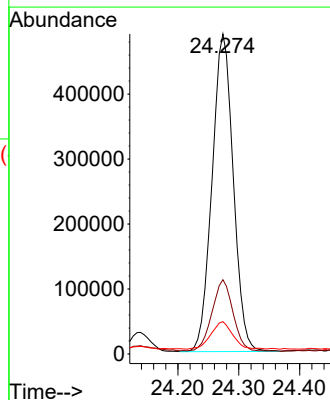
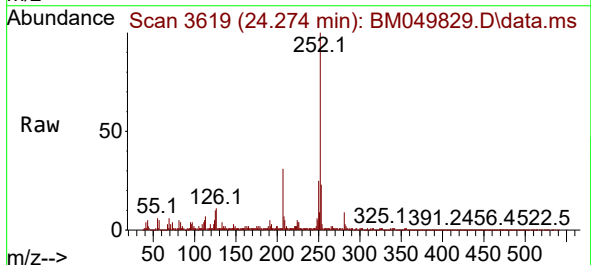
Instrument :  
BNA\_M  
ClientSampleId :  
AU-05-040325MS

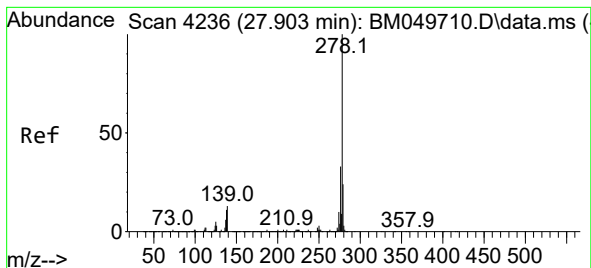
Tgt Ion:252 Resp: 1172841  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.3 25.9  
125 9.2 6.2 9.2#



#90  
Benzo(a)pyrene  
Concen: 12.900 ng  
RT: 24.274 min Scan# 3619  
Delta R.T. -0.024 min  
Lab File: BM049829.D  
Acq: 04 Apr 2025 18:37

Tgt Ion:252 Resp: 1183985  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.2 25.8  
125 10.1 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 11.717 ng

RT: 27.868 min Scan# 41

Delta R.T. -0.036 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA\_M

ClientSampleId :

AU-05-040325MS

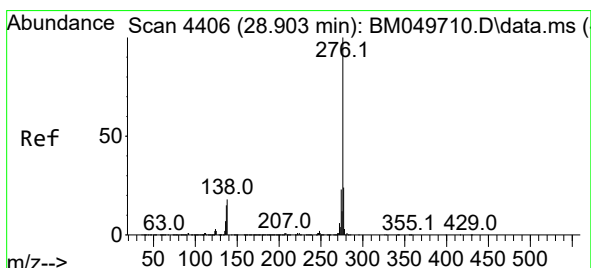
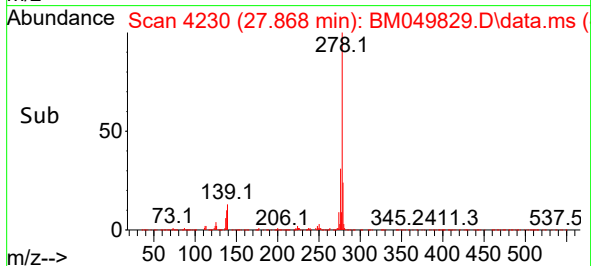
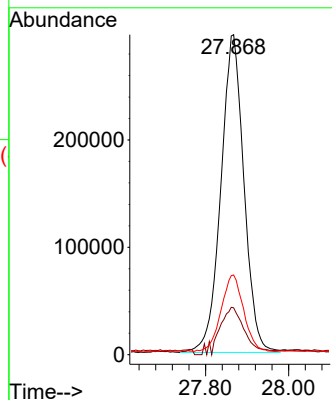
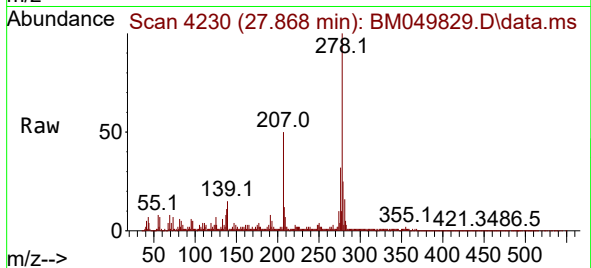
Tgt Ion:278 Resp: 1139935

Ion Ratio Lower Upper

278 100

139 14.7 10.1 15.1

279 24.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 12.075 ng

RT: 28.868 min Scan# 4400

Delta R.T. -0.036 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Tgt Ion:276 Resp: 1183328

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 18.8 14.0 21.0

