

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040825\  
 Data File : BM049856.D  
 Acq On : 08 Apr 2025 20:47  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM040825

Quant Time: Apr 09 04:03:51 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 09 04:00:55 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.781  | 152  | 315403   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.575 | 136  | 1065845  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.421 | 164  | 683720   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.162 | 188  | 1374499  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.403 | 240  | 1374864  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.397 | 264  | 1454417  | 20.000 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.357  | 112  | 1477323  | 79.537 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.951  | 99   | 1843667  | 79.779 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.934  | 82   | 1580621  | 82.580 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.910 | 330  | 830905   | 83.550 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.039 | 172  | 4148227  | 82.271 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.792 | 244  | 6672291  | 90.949 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.263  | 88   | 298756   | 39.056 | ng    | 100      |
| 3) Pyridine                   | 3.663  | 79   | 788453   | 39.231 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.569  | 42   | 302128   | 39.502 | ng    | 100      |
| 6) Aniline                    | 7.104  | 93   | 824180   | 41.621 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.345  | 128  | 758833   | 39.865 | ng    | 99       |
| 9) Benzaldehyde               | 6.916  | 77   | 479003   | 40.391 | ng    | 97       |
| 10) Phenol                    | 6.975  | 94   | 895478   | 39.708 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.198  | 93   | 705217   | 39.877 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.669  | 146  | 897350   | 39.874 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.810  | 146  | 898553   | 39.681 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.128  | 146  | 855104   | 40.092 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.016  | 79   | 585871   | 40.260 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.304  | 45   | 787669   | 39.960 | ng    | 99       |
| 17) 2-Methylphenol            | 8.222  | 107  | 557174   | 40.092 | ng    | 99       |
| 18) Hexachloroethane          | 8.857  | 117  | 312580   | 39.677 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.586  | 70   | 525287   | 41.040 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.551  | 107  | 760368   | 40.132 | ng    | 98       |
| 22) Acetophenone              | 8.598  | 105  | 1065111  | 41.119 | ng    | 99       |
| 24) Nitrobenzene              | 8.975  | 77   | 750719   | 40.732 | ng    | 99       |
| 25) Isophorone                | 9.504  | 82   | 1319919  | 41.165 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.686  | 139  | 405206   | 41.481 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.751  | 122  | 454139   | 41.022 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 9.986  | 93   | 877287   | 40.868 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.222 | 162  | 759071   | 41.249 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.439 | 180  | 860242   | 40.409 | ng    | 99       |
| 31) Naphthalene               | 10.622 | 128  | 2222571  | 40.582 | ng    | 99       |
| 32) Benzoic acid              | 9.886  | 122  | 548954   | 41.427 | ng    | 97       |
| 33) 4-Chloroaniline           | 10.728 | 127  | 815667   | 42.177 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.916 | 225  | 535791   | 40.688 | ng    | 98       |
| 35) Caprolactam               | 11.510 | 113  | 219136   | 41.519 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.863 | 107  | 670620   | 41.604 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.239 | 142  | 1589046  | 41.181 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.457 | 142  | 1536235  | 40.865 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.610 | 216  | 974104   | 40.724 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.592 | 237  | 348434   | 41.571 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.851 | 196  | 629554   | 41.361 | ng    | 97       |

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 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

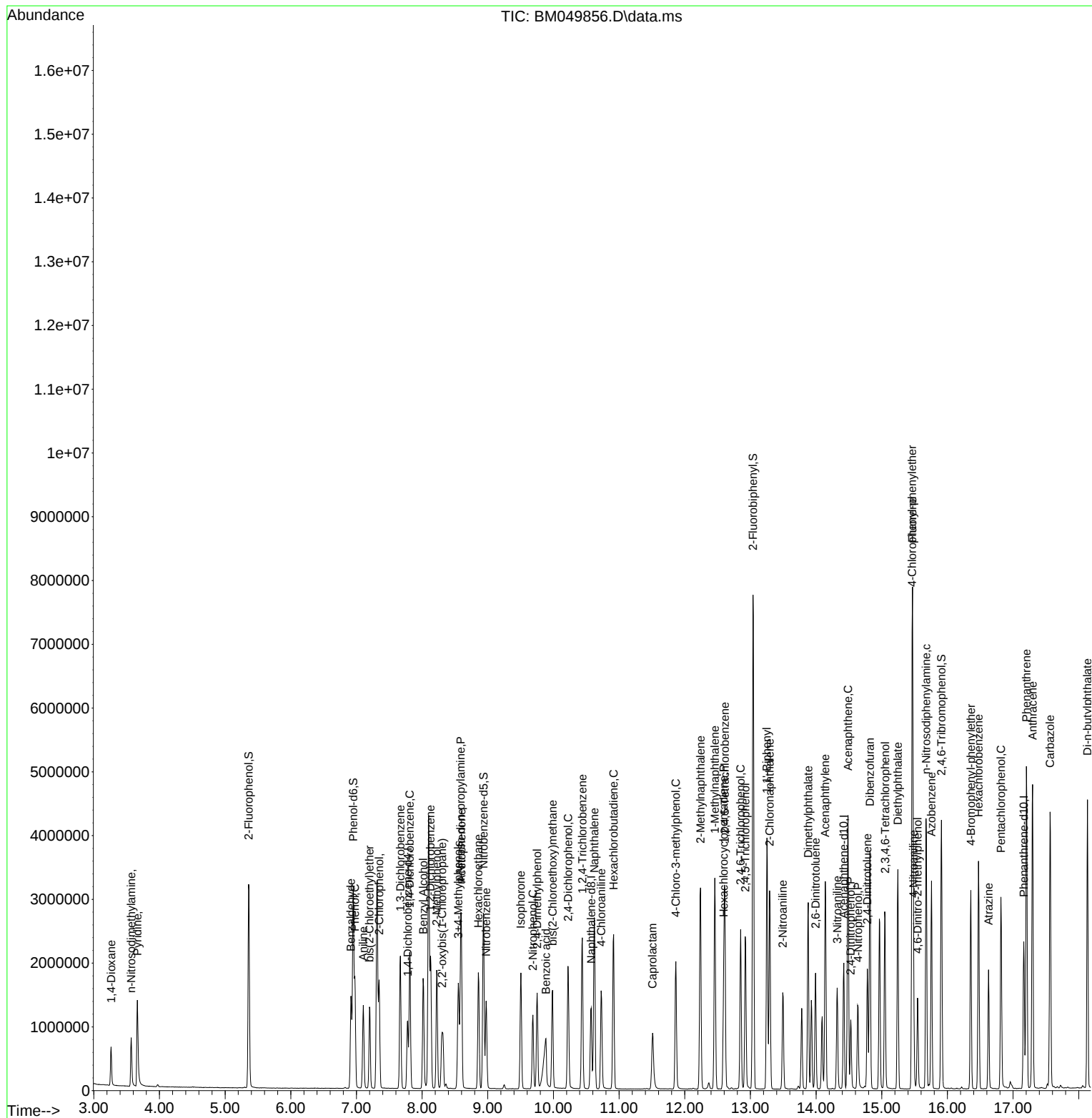
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.922 | 196  | 684953   | 41.410 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.251 | 154  | 2088758  | 41.097 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.292 | 162  | 1626662  | 40.719 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.492 | 65   | 386594   | 41.831 | ng    | 96       |
| 49) Acenaphthylene            | 14.139 | 152  | 2404483  | 41.321 | ng    | 100      |
| 50) Dimethylphthalate         | 13.880 | 163  | 2006252  | 41.593 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.992 | 165  | 430765   | 42.625 | ng    | 99       |
| 52) Acenaphthene              | 14.486 | 154  | 1537342  | 41.534 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.321 | 138  | 430166   | 44.041 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.527 | 184  | 261179   | 39.689 | ng    | 97       |
| 55) Dibenzofuran              | 14.821 | 168  | 2572884  | 41.581 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.639 | 139  | 380237   | 43.685 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.780 | 165  | 588187   | 43.627 | ng    | 99       |
| 58) Fluorene                  | 15.468 | 166  | 2052408  | 41.729 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.051 | 232  | 604398   | 41.690 | ng    | 99       |
| 60) Diethylphthalate          | 15.245 | 149  | 1935360  | 41.839 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.463 | 204  | 1107114  | 41.984 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.486 | 138  | 445025   | 44.058 | ng    | 99       |
| 63) Azobenzene                | 15.757 | 77   | 1658136  | 41.869 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 198  | 355438   | 41.037 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.674 | 169  | 1689818  | 41.081 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.357 | 248  | 654585   | 41.024 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.474 | 284  | 746406   | 40.782 | ng    | 98       |
| 69) Atrazine                  | 16.627 | 200  | 351283   | 32.937 | ng    | 100      |
| 70) Pentachlorophenol         | 16.815 | 266  | 547416   | 40.626 | ng    | 99       |
| 71) Phenanthrene              | 17.204 | 178  | 3110670  | 41.280 | ng    | 100      |
| 72) Anthracene                | 17.298 | 178  | 3081134  | 41.490 | ng    | 100      |
| 73) Carbazole                 | 17.562 | 167  | 2897408  | 41.424 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.133 | 149  | 3282090  | 40.739 | ng    | 100      |
| 75) Fluoranthene              | 19.221 | 202  | 3829085  | 41.327 | ng    | 99       |
| 77) Benzidine                 | 19.403 | 184  | 690660   | 37.866 | ng    | 99       |
| 78) Pyrene                    | 19.586 | 202  | 3930574  | 41.482 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.486 | 149  | 1452887  | 40.807 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.386 | 228  | 3774940  | 41.314 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.303 | 252  | 1404639  | 40.707 | ng    | 99       |
| 83) Chrysene                  | 21.444 | 228  | 3564842  | 41.037 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.309 | 149  | 2130265  | 41.067 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.444 | 149  | 3614929  | 39.835 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.785 | 276  | 4377775  | 40.380 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.456 | 252  | 3807278  | 40.988 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.515 | 252  | 3640395  | 40.442 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.262 | 252  | 3296735  | 40.389 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.844 | 278  | 3588859  | 40.189 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 28.844 | 276  | 3657794  | 40.085 | ng    | 100      |

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

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Sample : SSTDICV040  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

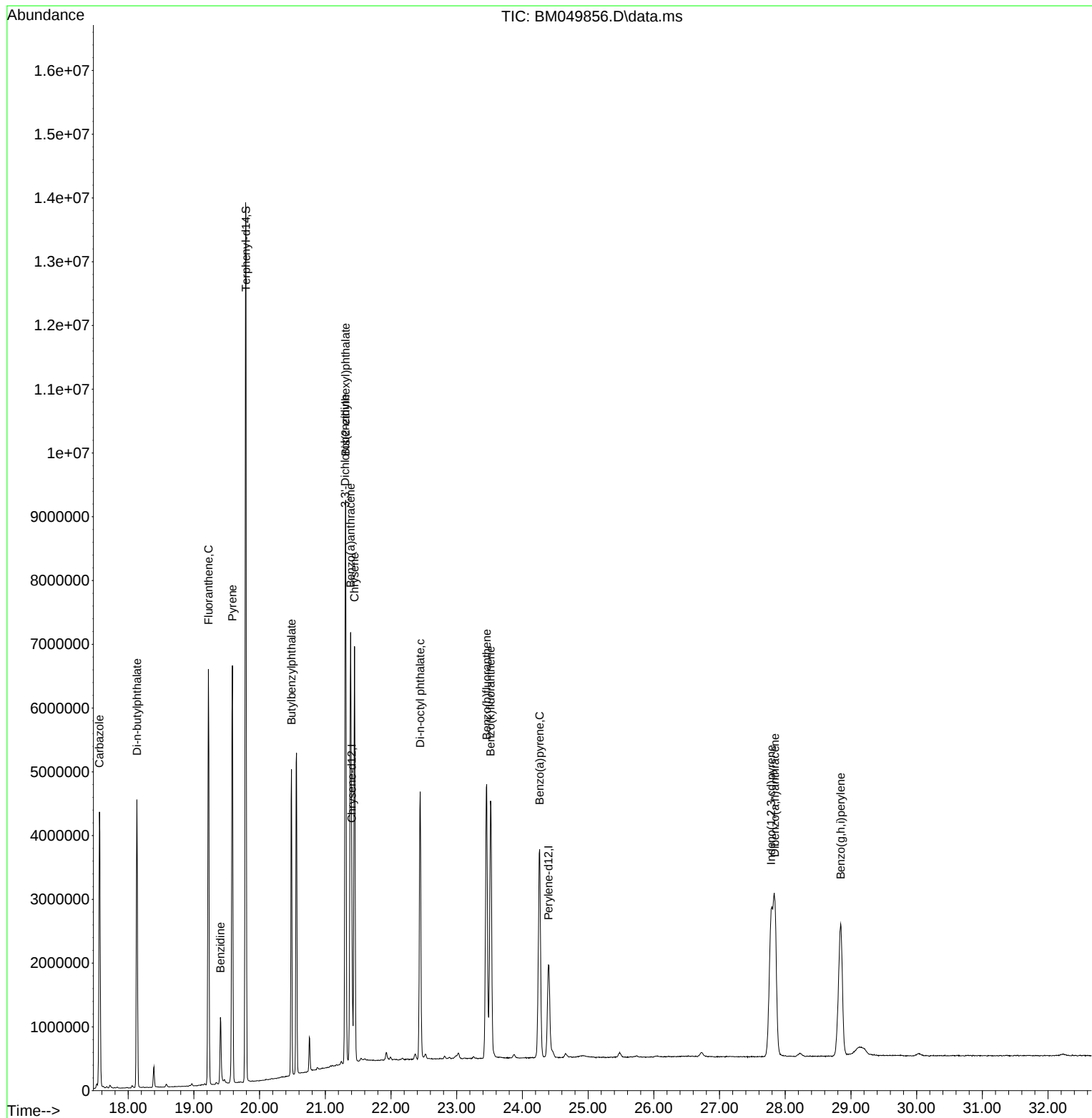
Quant Time: Apr 09 04:03:51 2025  
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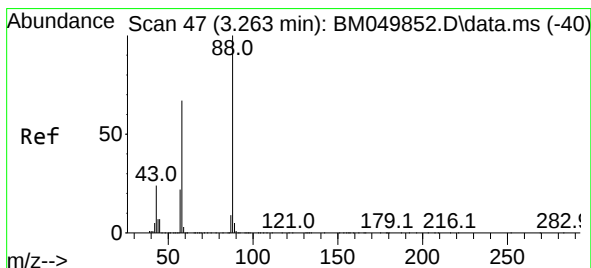
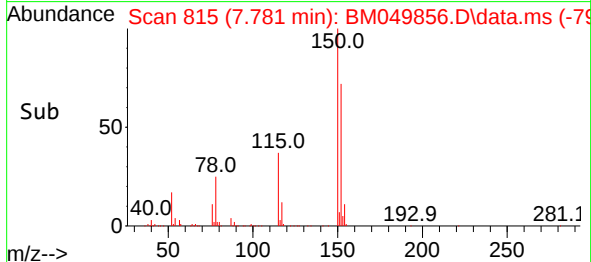
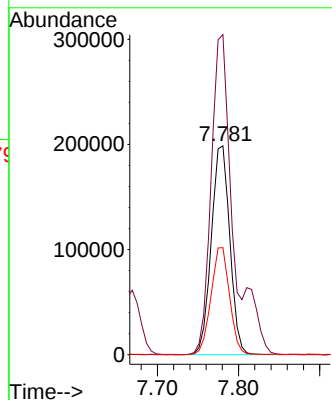
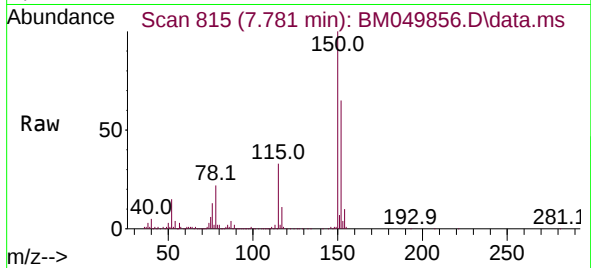




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.781 min Scan# 815  
 Delta R.T. -0.000 min  
 Lab File: BM049856.D  
 Acq: 08 Apr 2025 20:47

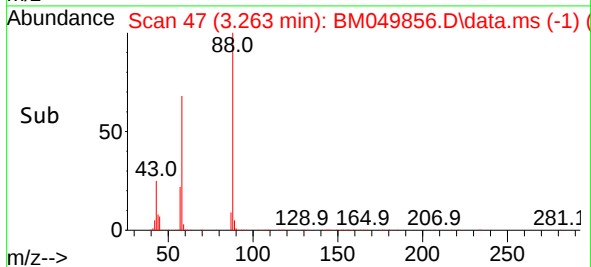
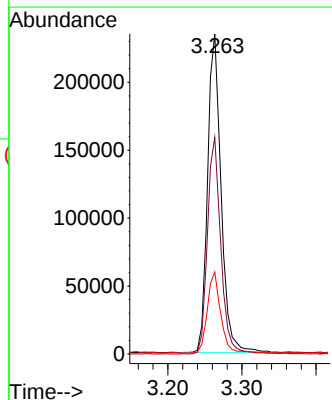
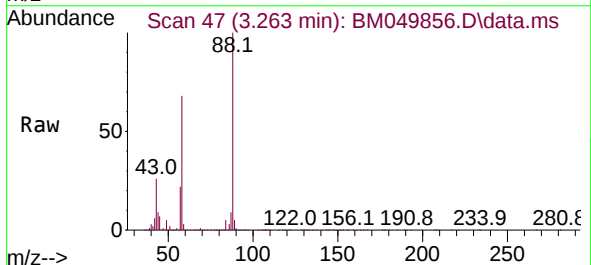
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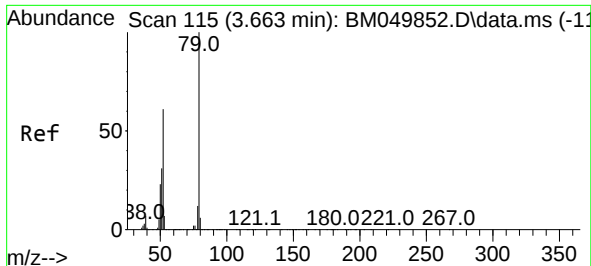
Tgt Ion:152 Resp: 315403  
 Ion Ratio Lower Upper  
 152 100  
 150 153.3 124.3 186.5  
 115 51.3 41.1 61.7



#2  
 1,4-Dioxane  
 Concen: 39.056 ng  
 RT: 3.263 min Scan# 47  
 Delta R.T. -0.000 min  
 Lab File: BM049856.D  
 Acq: 08 Apr 2025 20:47

Tgt Ion: 88 Resp: 298756  
 Ion Ratio Lower Upper  
 88 100  
 58 67.4 54.1 81.1  
 43 24.8 20.2 30.4

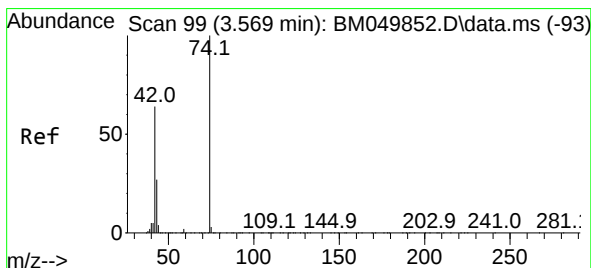
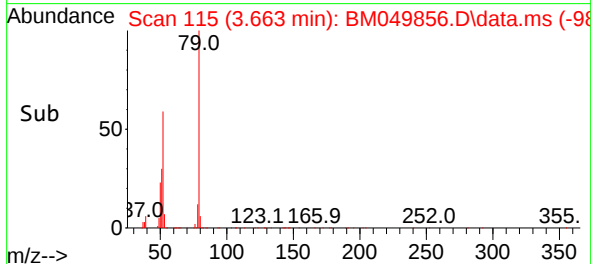
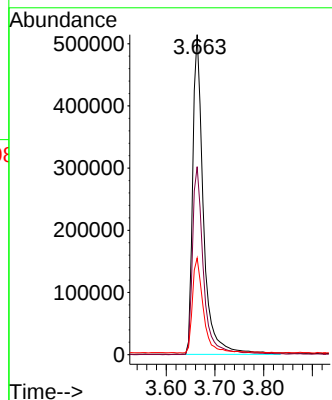
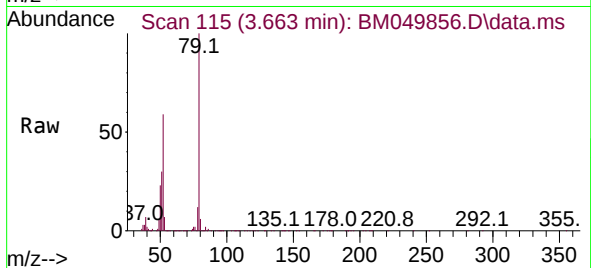




#3  
 Pyridine  
 Concen: 39.231 ng  
 RT: 3.663 min Scan# 115  
 Delta R.T. 0.000 min  
 Lab File: BM049856.D  
 Acq: 08 Apr 2025 20:47

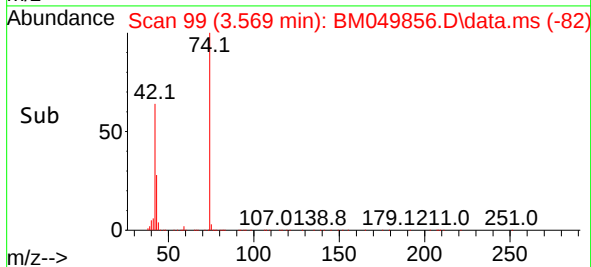
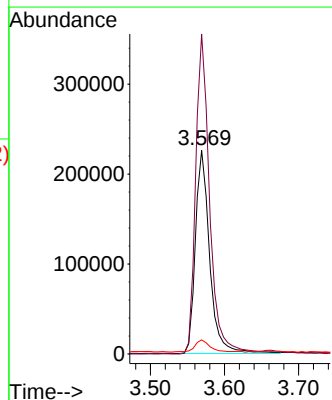
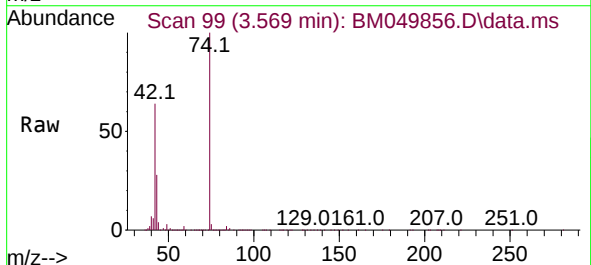
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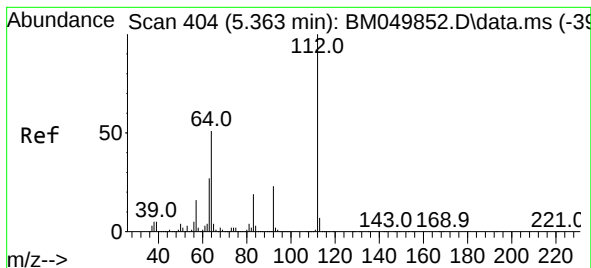
Tgt Ion: 79 Resp: 788453  
 Ion Ratio Lower Upper  
 79 100  
 52 58.8 48.9 73.3  
 51 30.2 25.0 37.6



#4  
 n-Nitrosodimethylamine  
 Concen: 39.502 ng  
 RT: 3.569 min Scan# 99  
 Delta R.T. -0.000 min  
 Lab File: BM049856.D  
 Acq: 08 Apr 2025 20:47

Tgt Ion: 42 Resp: 302128  
 Ion Ratio Lower Upper  
 42 100  
 74 157.1 125.4 188.2  
 44 6.9 5.9 8.9





#5

2-Fluorophenol

Concen: 79.537 ng

RT: 5.357 min Scan# 404

Delta R.T. -0.006 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

Instrument :

BNA\_M

ClientSampleId :

ICVBM040825

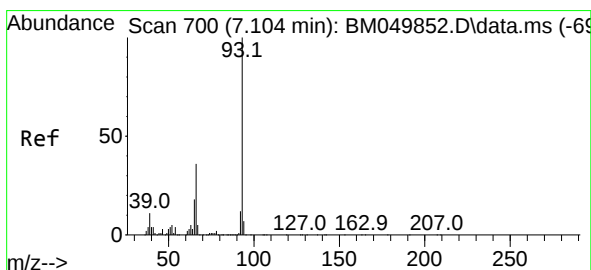
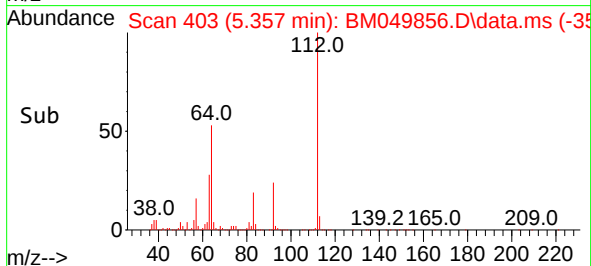
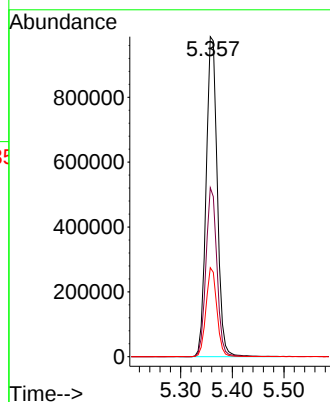
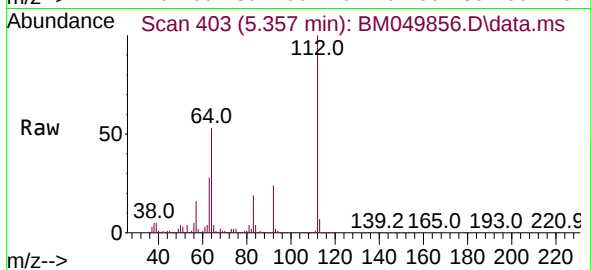
Tgt Ion:112 Resp: 1477323

Ion Ratio Lower Upper

112 100

64 52.8 41.0 61.6

63 27.8 21.5 32.3



#6

Aniline

Concen: 41.621 ng

RT: 7.104 min Scan# 700

Delta R.T. -0.000 min

Lab File: BM049856.D

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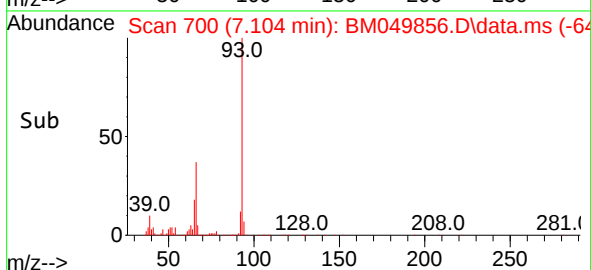
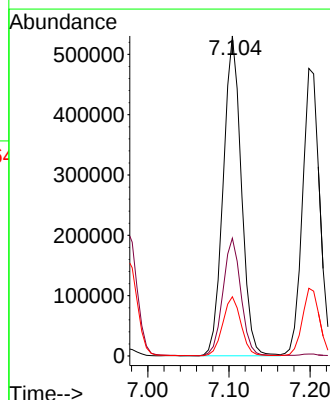
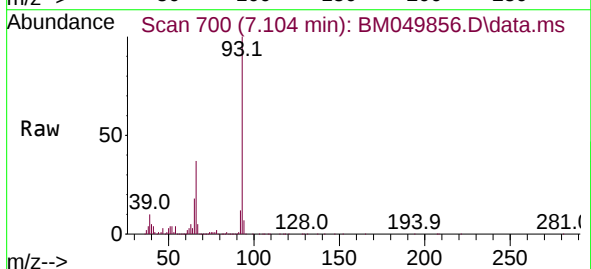
Tgt Ion: 93 Resp: 824180

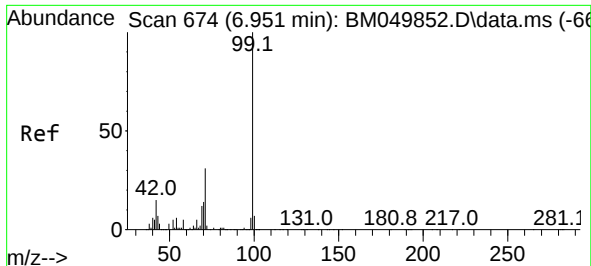
Ion Ratio Lower Upper

93 100

66 36.8 29.1 43.7

65 18.5 14.9 22.3

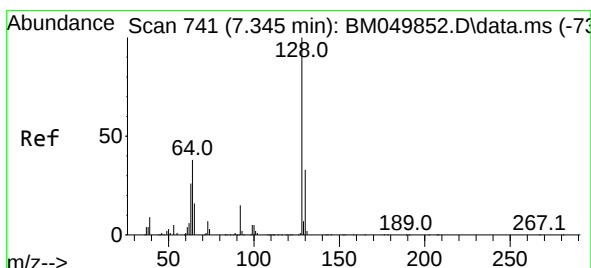
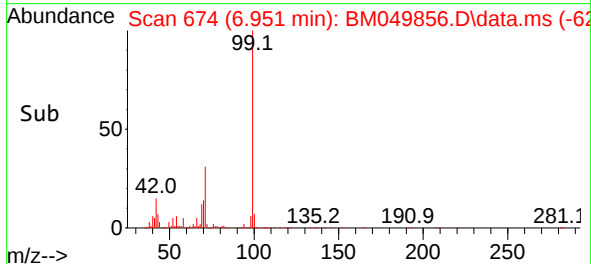
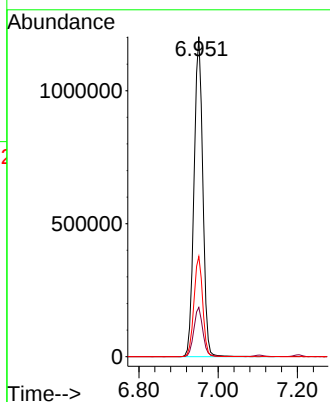
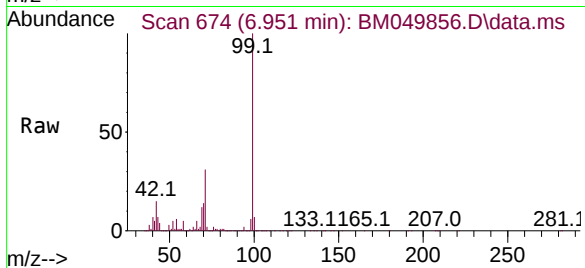




#7  
Phenol-d6  
Concen: 79.779 ng  
RT: 6.951 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
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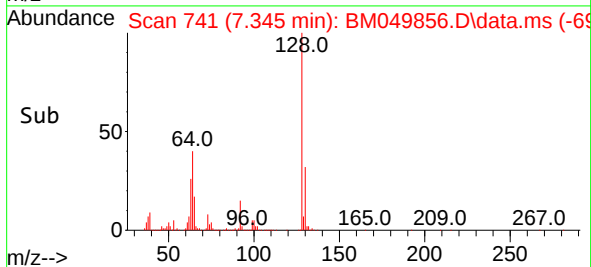
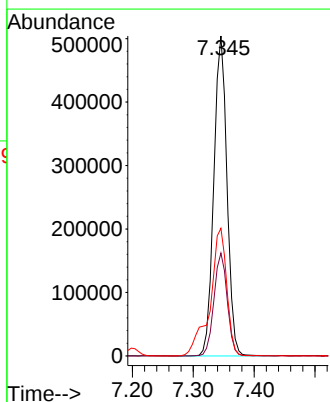
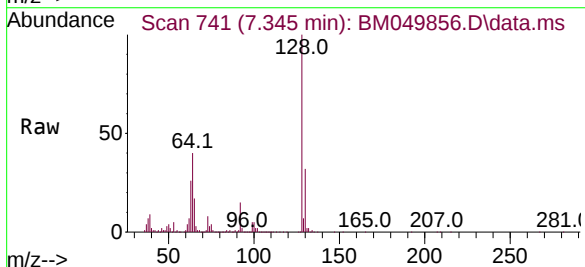
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BNA\_M  
ClientSampleId :  
ICVBM040825

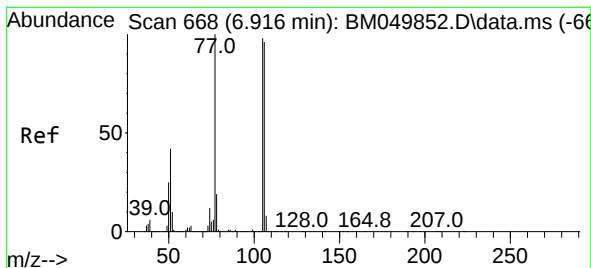
Tgt Ion: 99 Resp: 1843667  
Ion Ratio Lower Upper  
99 100  
42 15.4 12.1 18.1  
71 31.3 24.9 37.3



#8  
2-Chlorophenol  
Concen: 39.865 ng  
RT: 7.345 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion: 128 Resp: 758833  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.6 52.6  
64 39.9 21.1 61.1





#9

Benzaldehyde

Concen: 40.391 ng

RT: 6.916 min Scan# 6

Delta R.T. 0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

Instrument :

BNA\_M

ClientSampleId :

ICVBM040825

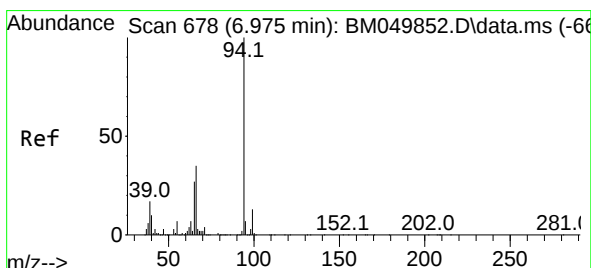
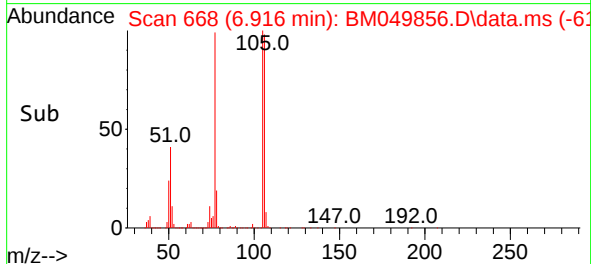
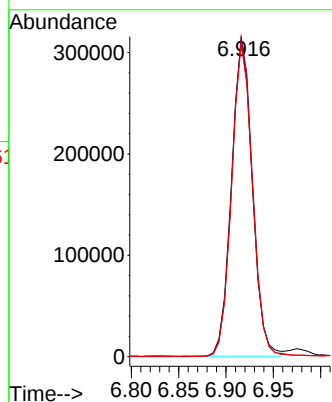
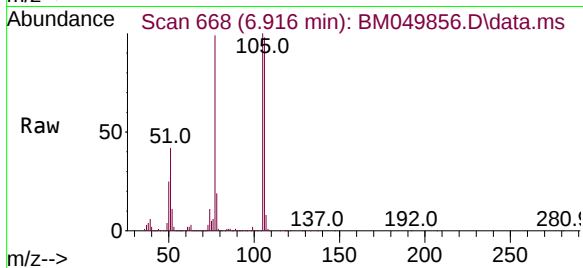
Tgt Ion: 77 Resp: 479003

Ion Ratio Lower Upper

77 100

105 101.0 78.3 118.3

106 98.9 76.0 116.0



#10

Phenol

Concen: 39.708 ng

RT: 6.975 min Scan# 678

Delta R.T. 0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

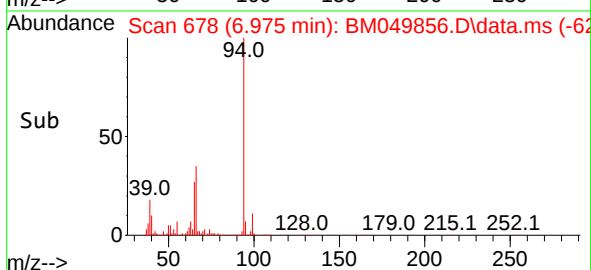
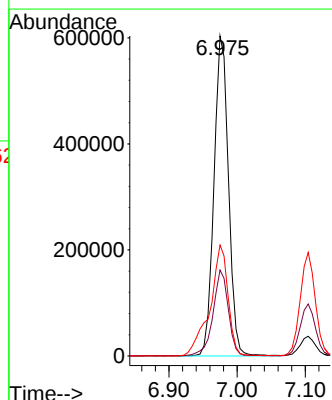
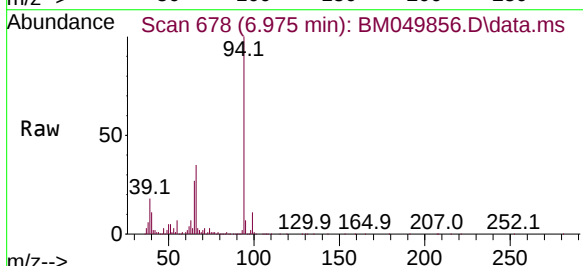
Tgt Ion: 94 Resp: 895478

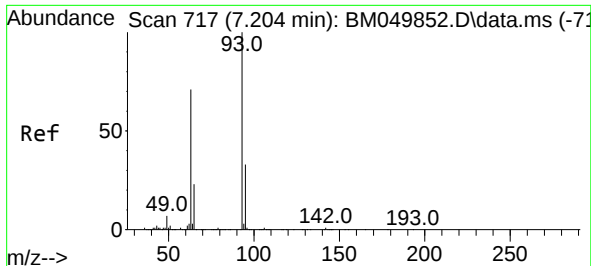
Ion Ratio Lower Upper

94 100

65 26.8 7.3 47.3

66 34.6 14.8 54.8

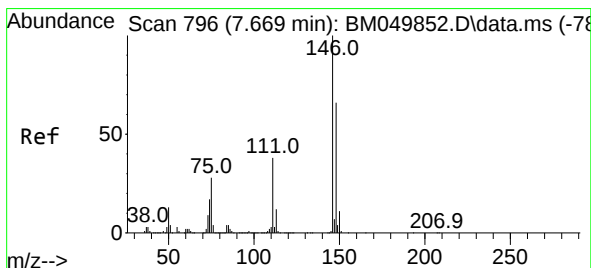
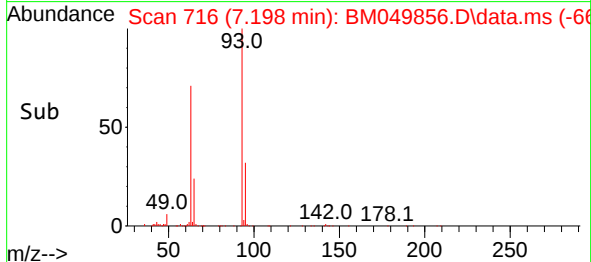
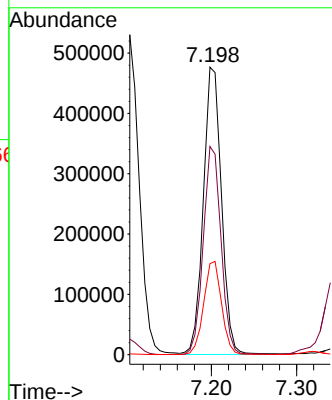
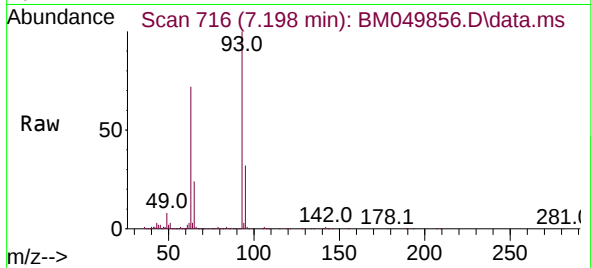




#11  
bis(2-Chloroethyl)ether  
Concen: 39.877 ng  
RT: 7.198 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

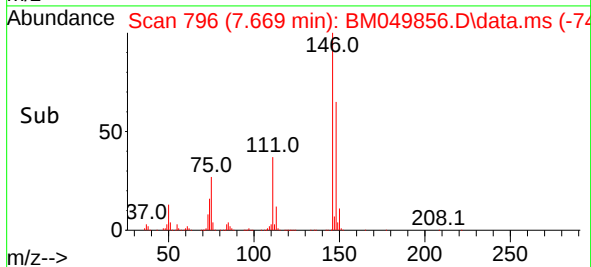
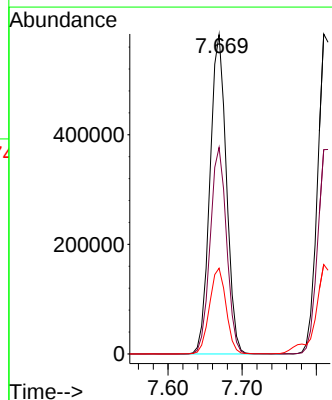
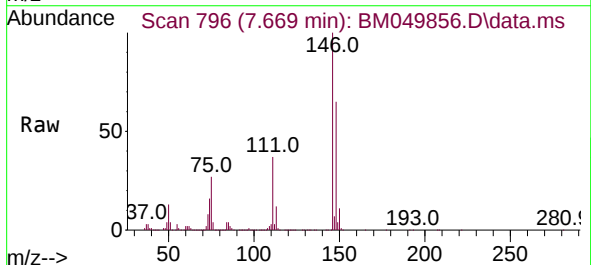
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

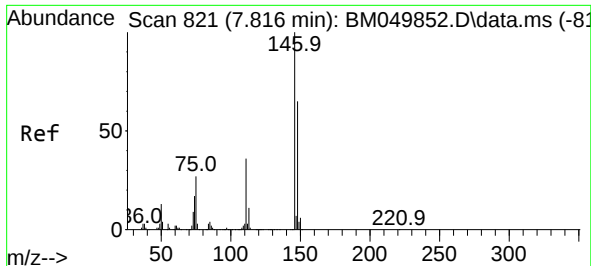
Tgt Ion: 93 Resp: 705217  
Ion Ratio Lower Upper  
93 100  
63 72.4 50.9 90.9  
95 31.6 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 39.874 ng  
RT: 7.669 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion: 146 Resp: 897350  
Ion Ratio Lower Upper  
146 100  
148 64.7 52.5 78.7  
75 26.8 22.5 33.7

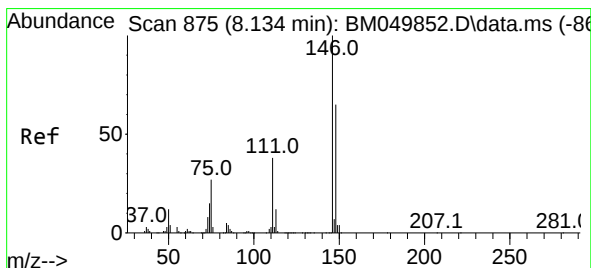
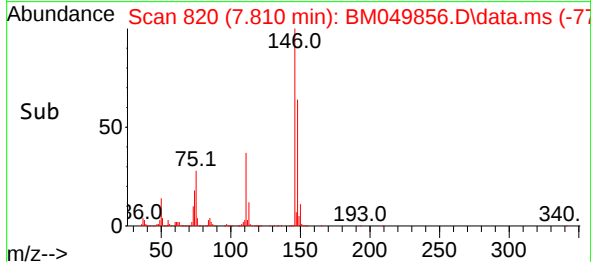
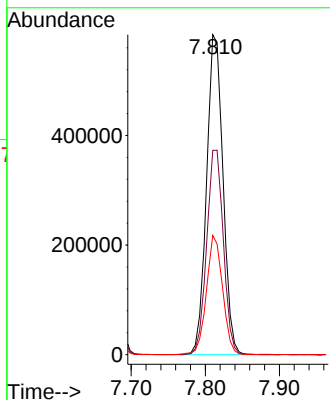
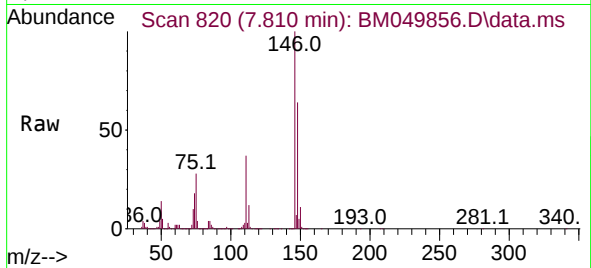




#13  
1,4-Dichlorobenzene  
Concen: 39.681 ng  
RT: 7.810 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

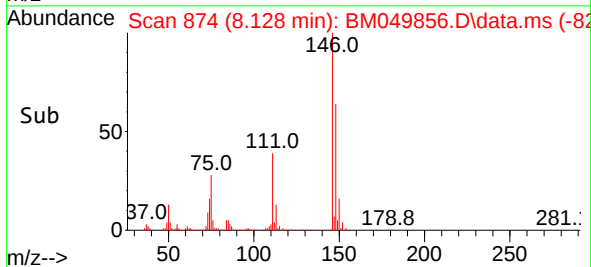
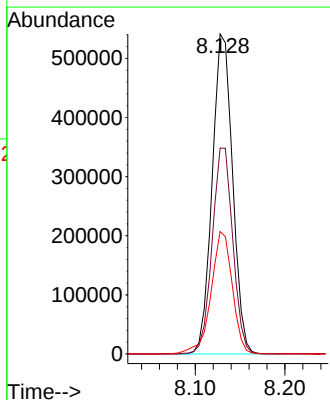
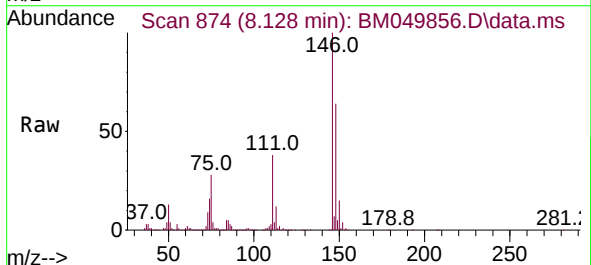
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

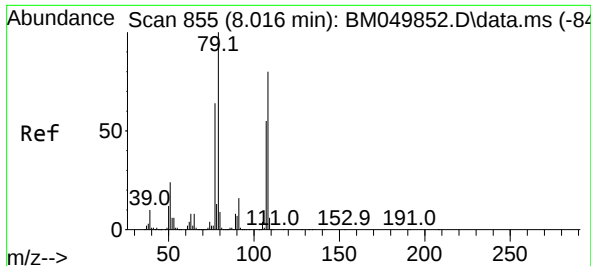
Tgt Ion:146 Resp: 898553  
Ion Ratio Lower Upper  
146 100  
148 63.8 52.4 78.6  
111 37.3 28.5 42.7



#14  
1,2-Dichlorobenzene  
Concen: 40.092 ng  
RT: 8.128 min Scan# 874  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:146 Resp: 855104  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.8 77.8  
111 38.2 30.2 45.4

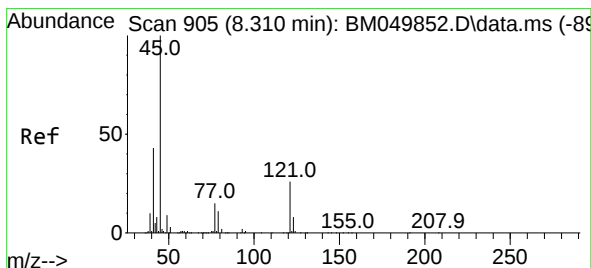
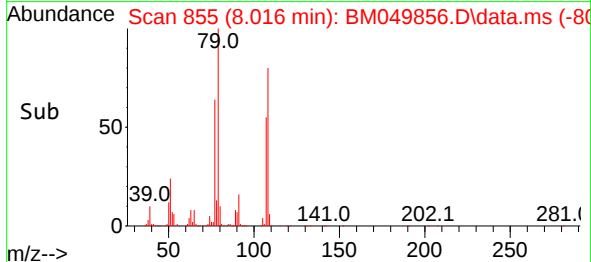
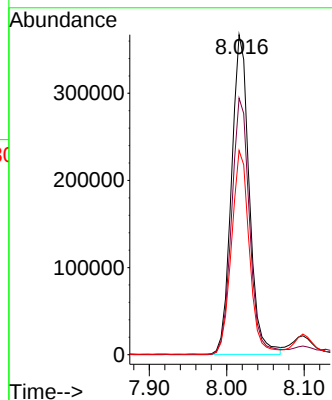
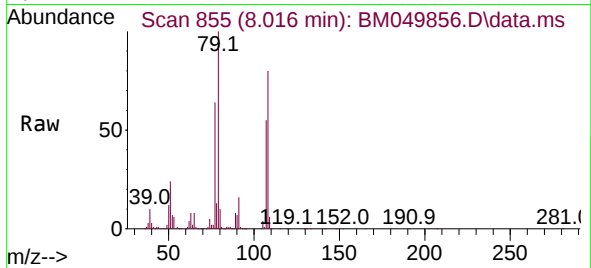




#15  
Benzyl Alcohol  
Concen: 40.260 ng  
RT: 8.016 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

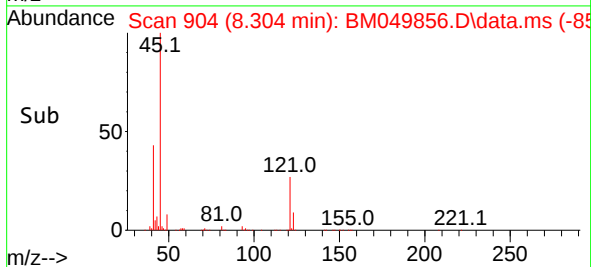
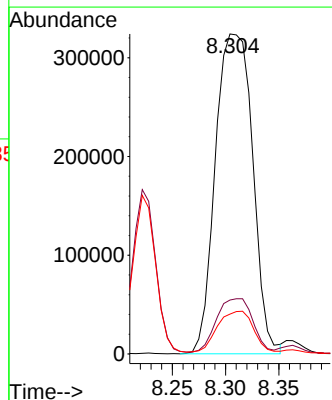
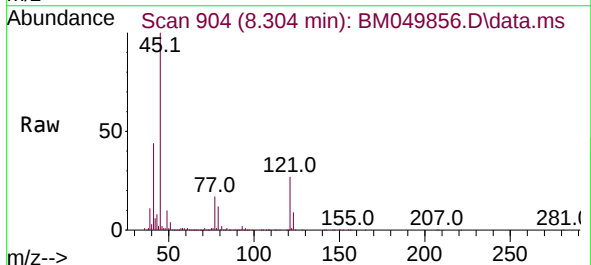
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

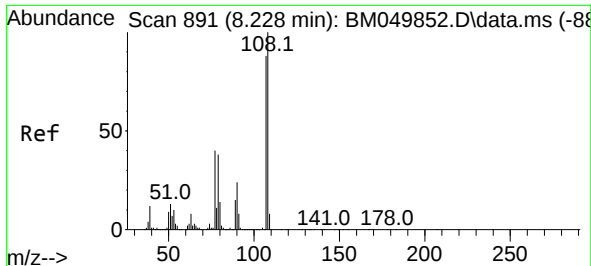
Tgt Ion: 79 Resp: 585871  
Ion Ratio Lower Upper  
79 100  
108 80.2 63.6 95.4  
77 63.8 51.3 76.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.960 ng  
RT: 8.304 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion: 45 Resp: 787669  
Ion Ratio Lower Upper  
45 100  
77 16.9 0.0 36.9  
79 12.5 0.0 32.9

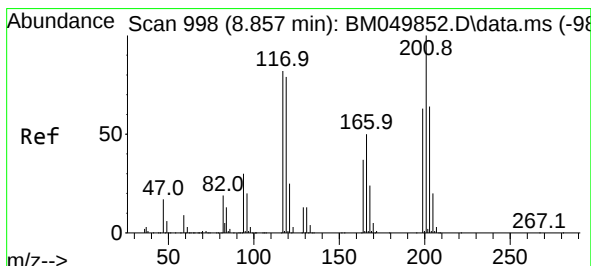
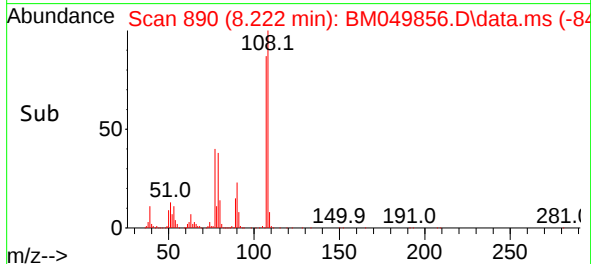
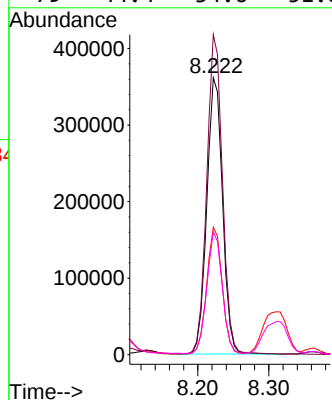
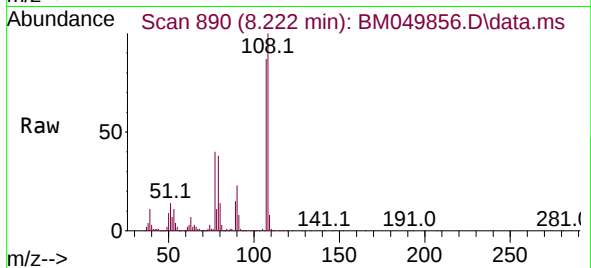




#17  
2-Methylphenol  
Concen: 40.092 ng  
RT: 8.222 min Scan# 891  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

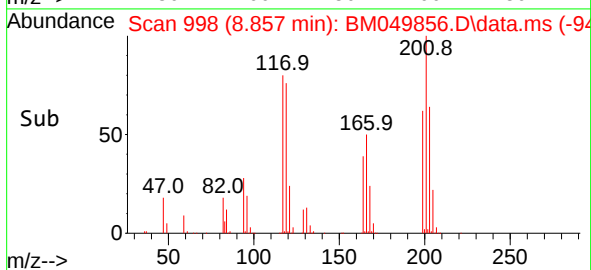
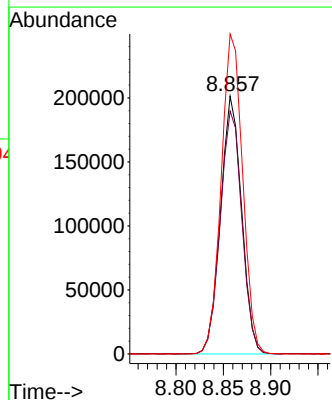
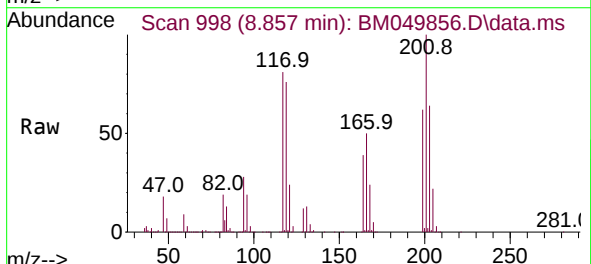
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

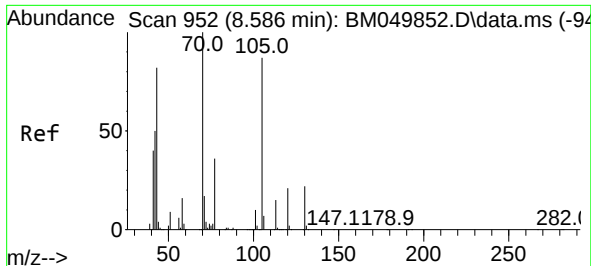
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 557174 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 115.5 | 91.0  | 136.6  |
| 77       | 46.0  | 36.5  | 54.7   |
| 79       | 44.4  | 34.6  | 51.8   |



#18  
Hexachloroethane  
Concen: 39.677 ng  
RT: 8.857 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 312580 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.2  | 77.5  | 116.3  |
| 201      | 124.2 | 97.7  | 146.5  |

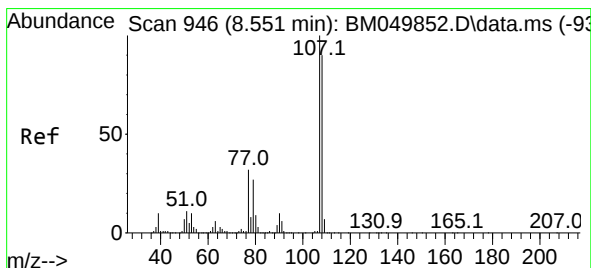
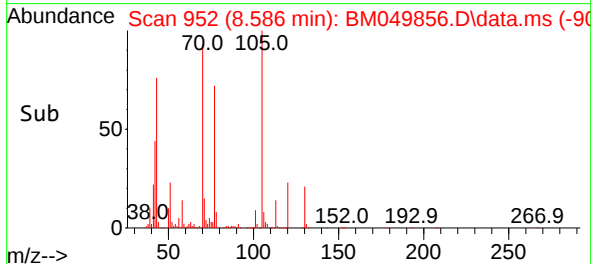
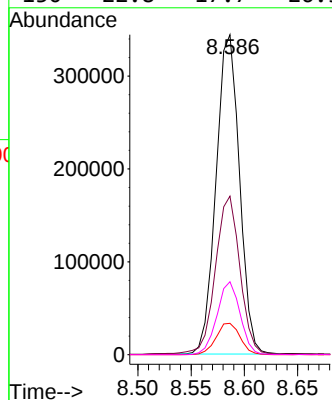
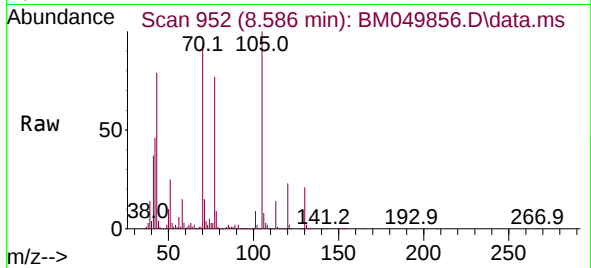




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.040 ng  
RT: 8.586 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

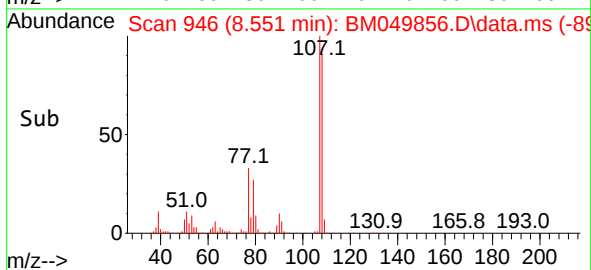
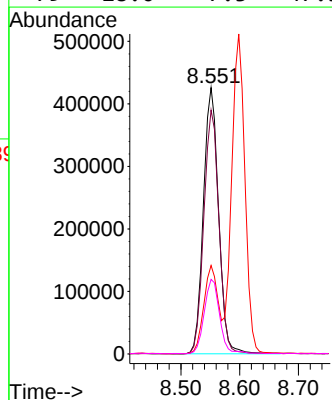
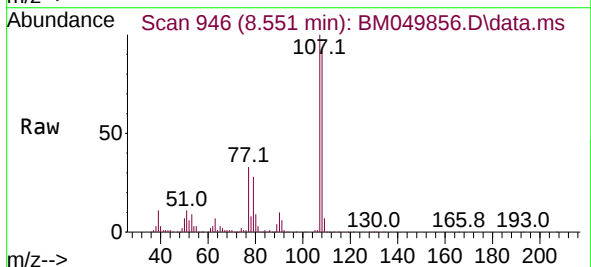
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

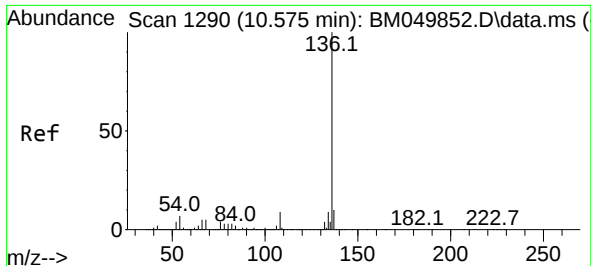
Tgt Ion: 70 Resp: 525287  
Ion Ratio Lower Upper  
70 100  
42 49.6 40.2 60.2  
101 9.8 7.9 11.9  
130 22.8 17.7 26.5



#20  
3+4-Methylphenols  
Concen: 40.132 ng  
RT: 8.551 min Scan# 946  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion: 107 Resp: 760368  
Ion Ratio Lower Upper  
107 100  
108 91.5 69.6 109.6  
77 33.2 11.7 51.7  
79 28.0 7.3 47.3

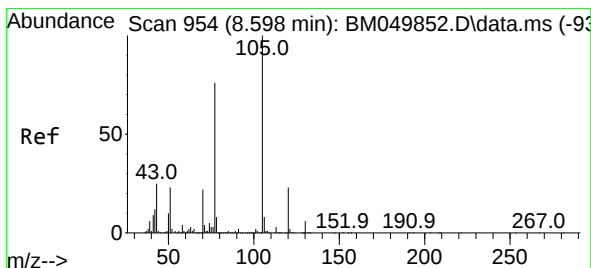
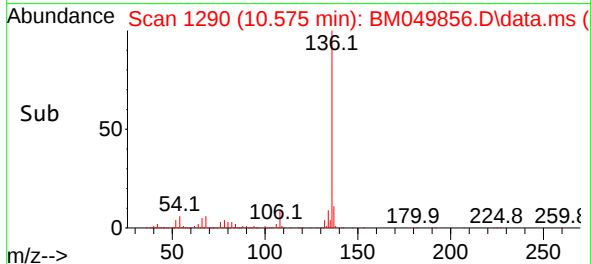
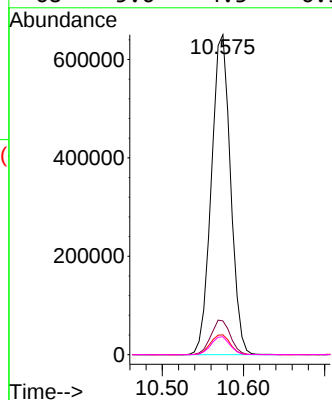
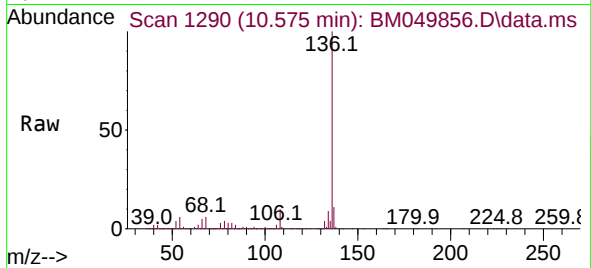




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.575 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

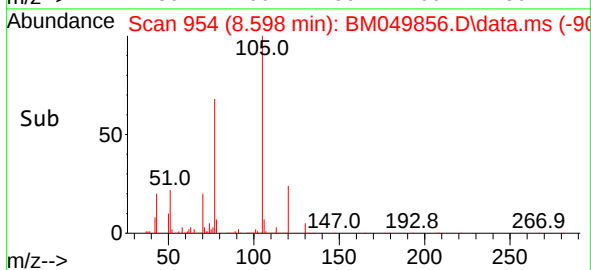
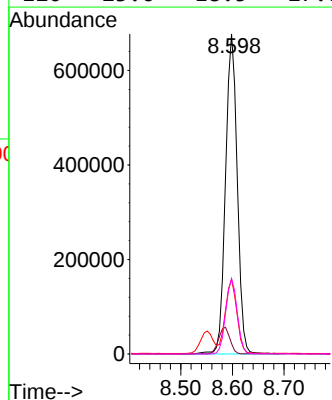
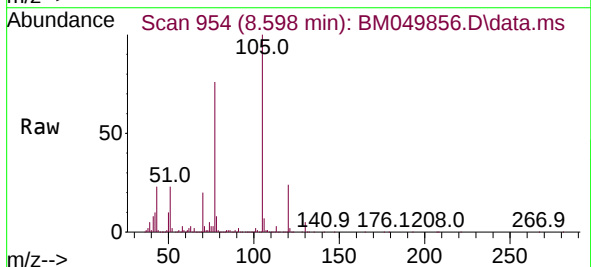
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

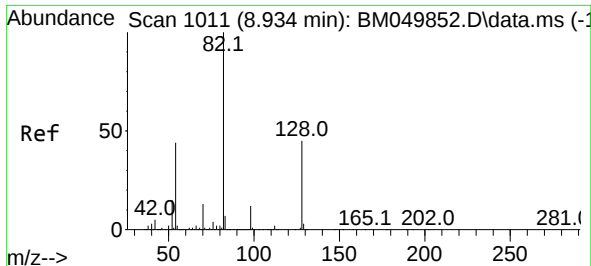
Tgt Ion:136 Resp: 1065845  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.4 12.6  
54 6.2 5.3 7.9  
68 5.6 4.3 6.5



#22  
Acetophenone  
Concen: 41.119 ng  
RT: 8.598 min Scan# 954  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:105 Resp: 1065111  
Ion Ratio Lower Upper  
105 100  
71 3.2 3.0 4.4  
51 23.4 18.6 27.8  
120 23.6 18.5 27.7

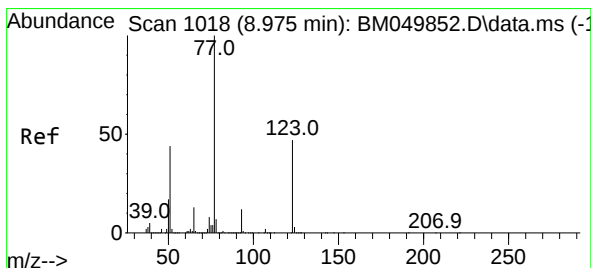
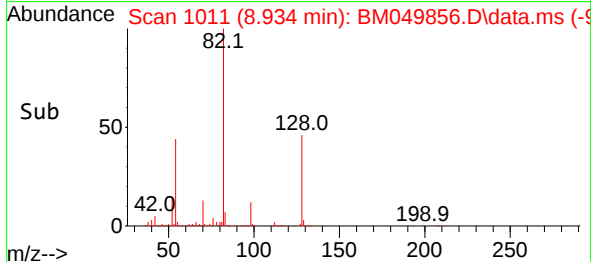
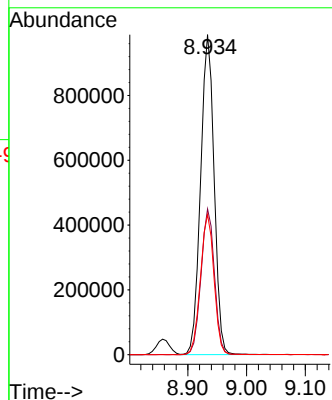
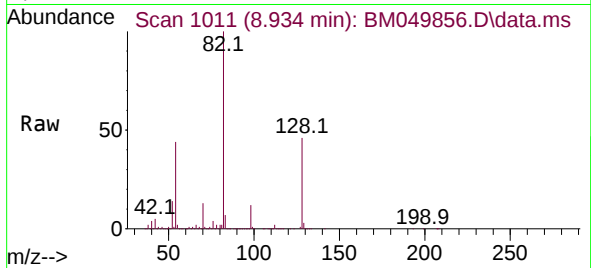




#23  
Nitrobenzene-d5  
Concen: 82.580 ng  
RT: 8.934 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

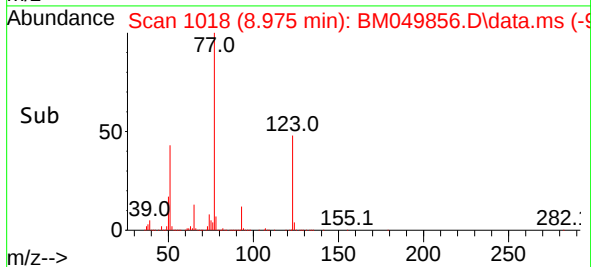
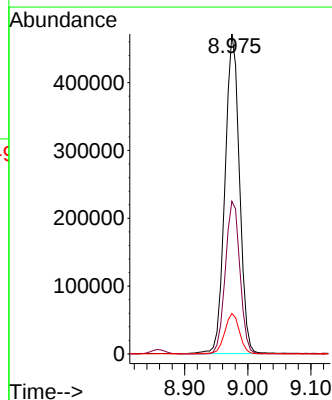
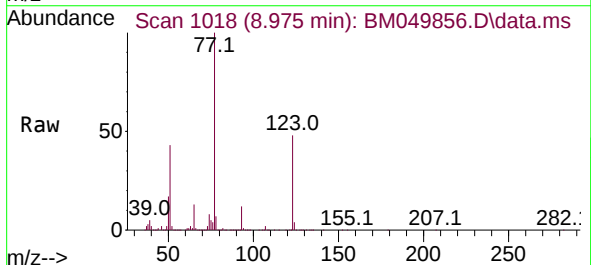
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

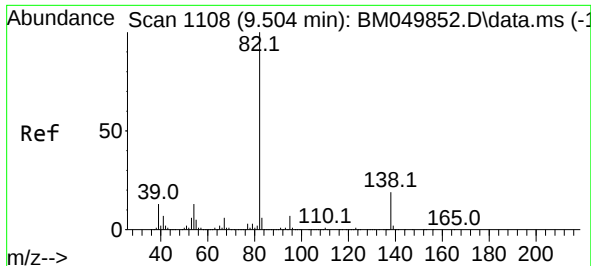
Tgt Ion: 82 Resp: 1580621  
Ion Ratio Lower Upper  
82 100  
128 45.6 36.2 54.2  
54 43.8 35.0 52.6



#24  
Nitrobenzene  
Concen: 40.732 ng  
RT: 8.975 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion: 77 Resp: 750719  
Ion Ratio Lower Upper  
77 100  
123 47.7 37.4 56.2  
65 12.7 10.1 15.1

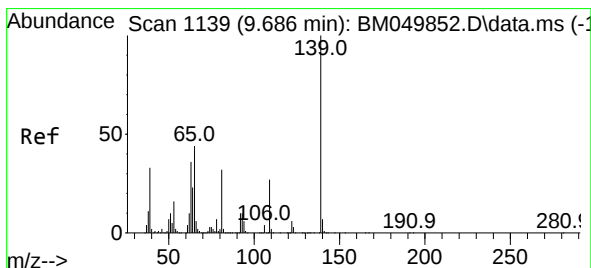
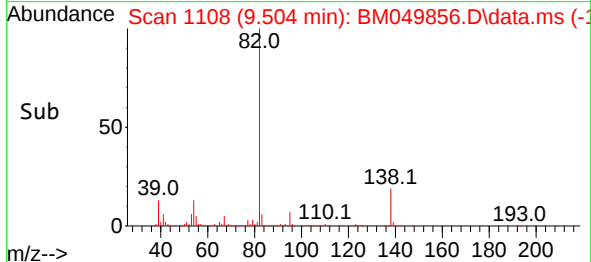
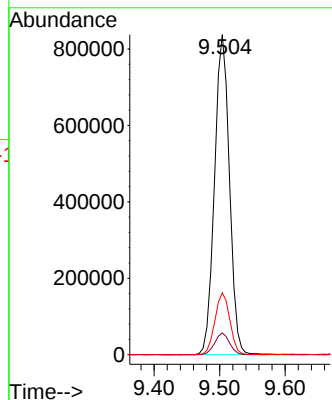
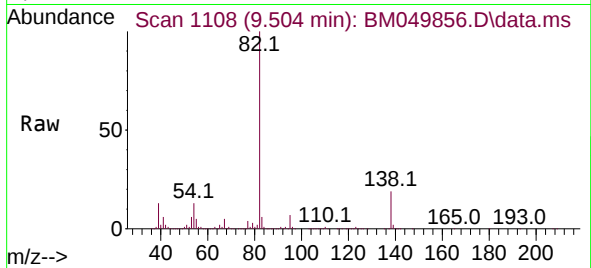




#25  
Isophorone  
Concen: 41.165 ng  
RT: 9.504 min Scan# 1108  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

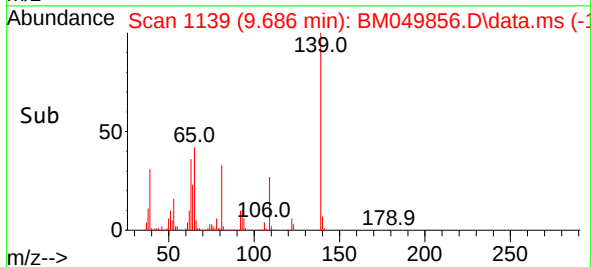
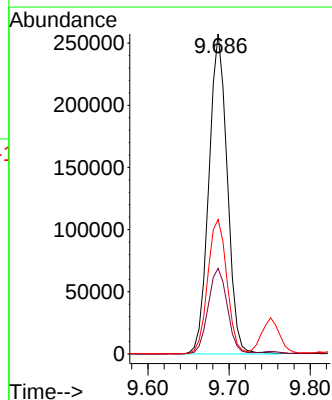
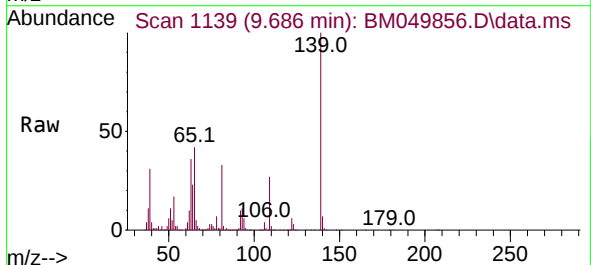
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

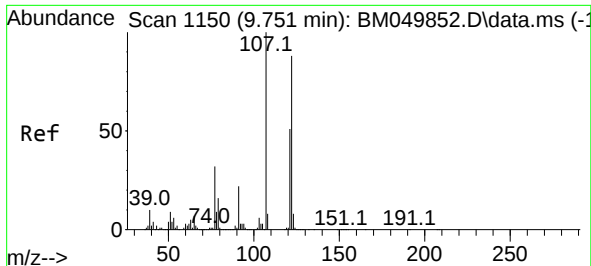
Tgt Ion: 82 Resp: 1319919  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.4 8.2  
138 19.3 15.0 22.6



#26  
2-Nitrophenol  
Concen: 41.481 ng  
RT: 9.686 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion: 139 Resp: 405206  
Ion Ratio Lower Upper  
139 100  
109 26.7 21.7 32.5  
65 42.0 35.2 52.8

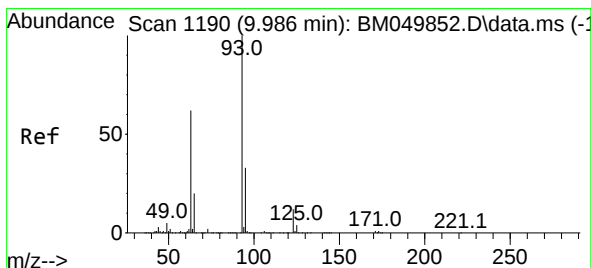
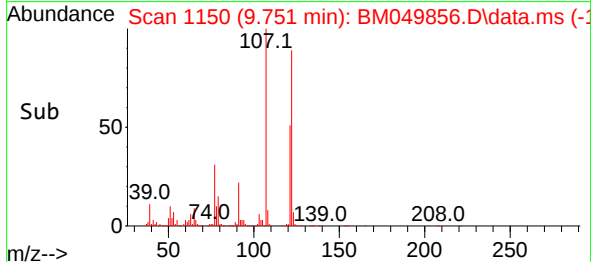
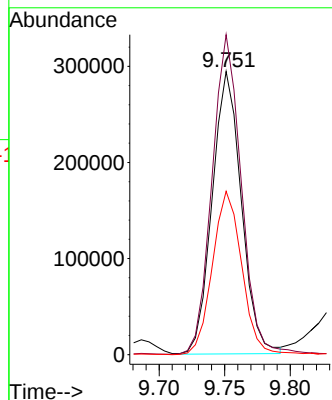
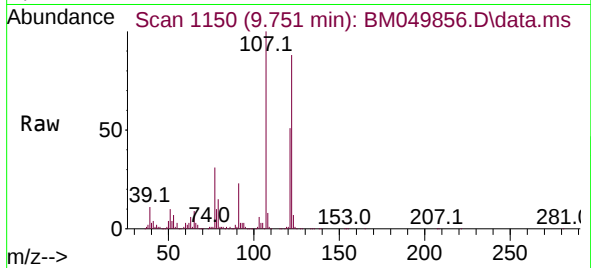




#27  
2,4-Dimethylphenol  
Concen: 41.022 ng  
RT: 9.751 min Scan# 1150  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

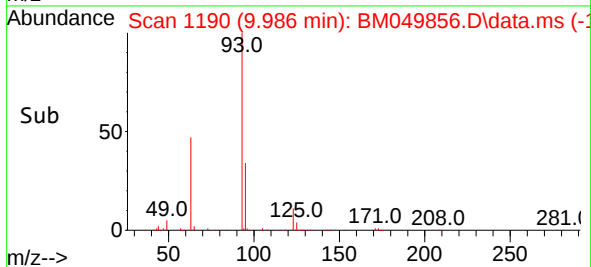
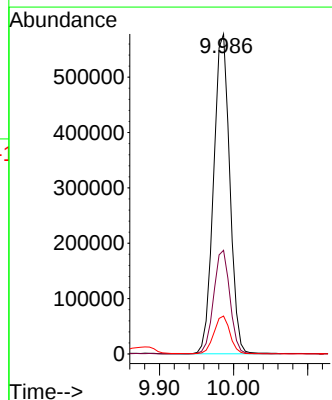
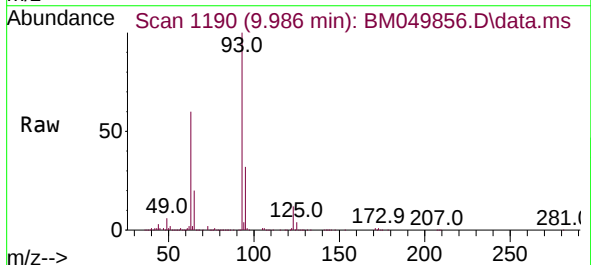
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

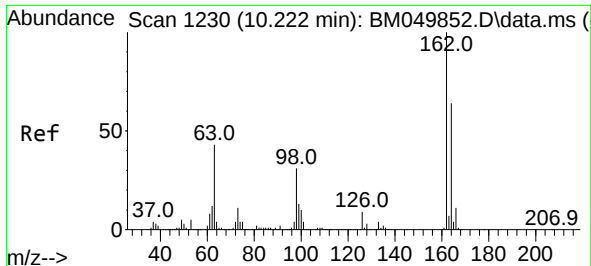
Tgt Ion:122 Resp: 454139  
Ion Ratio Lower Upper  
122 100  
107 113.0 90.3 135.5  
121 57.7 46.1 69.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.868 ng  
RT: 9.986 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion: 93 Resp: 877287  
Ion Ratio Lower Upper  
93 100  
95 32.4 26.6 40.0  
123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.249 ng

RT: 10.222 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

Instrument :

BNA\_M

ClientSampleId :

ICVBM040825

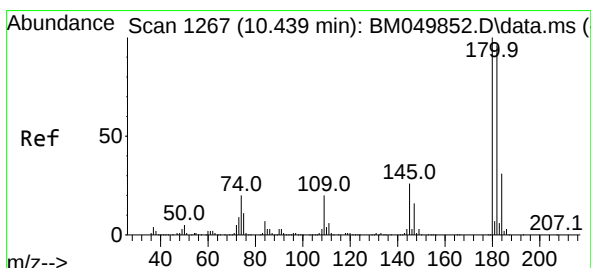
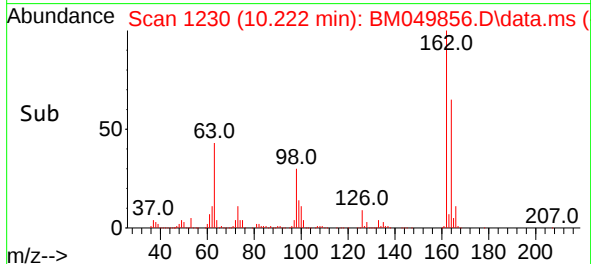
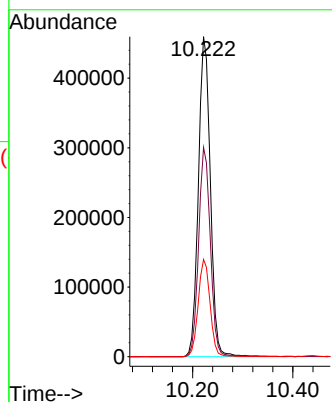
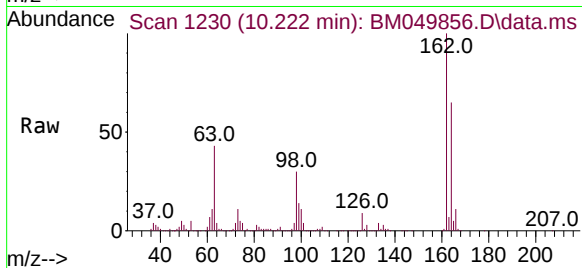
Tgt Ion:162 Resp: 759071

Ion Ratio Lower Upper

162 100

164 65.4 44.3 84.3

98 30.4 10.9 50.9



#30

1,2,4-Trichlorobenzene

Concen: 40.409 ng

RT: 10.439 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

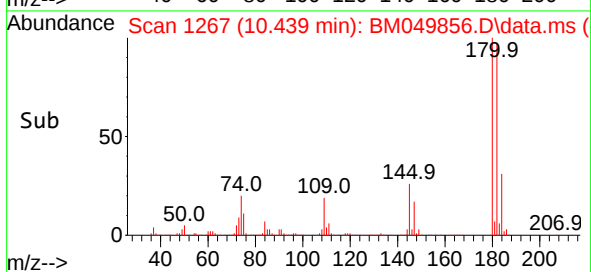
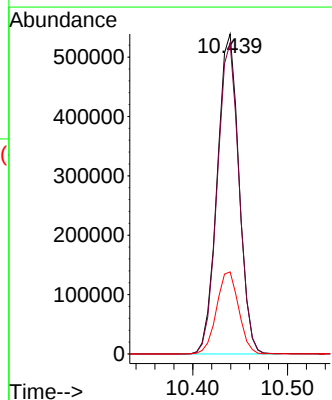
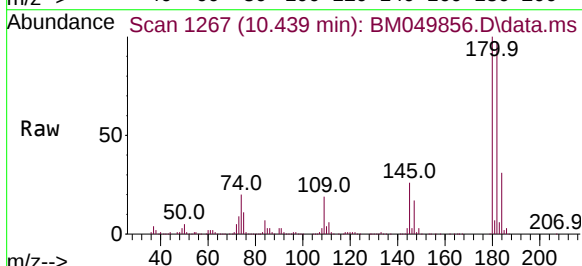
Tgt Ion:180 Resp: 860242

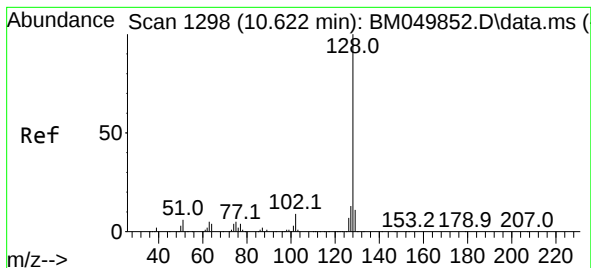
Ion Ratio Lower Upper

180 100

182 97.2 76.7 115.1

145 25.7 20.8 31.2

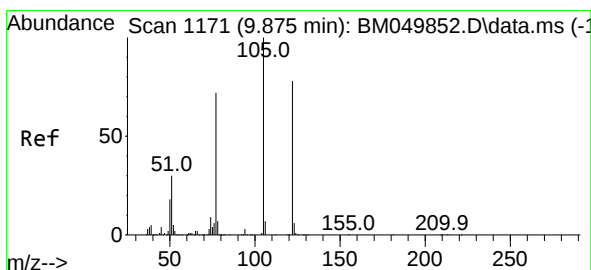
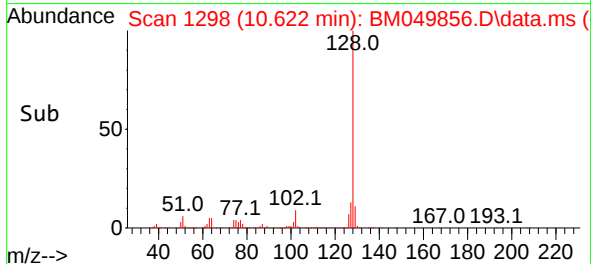
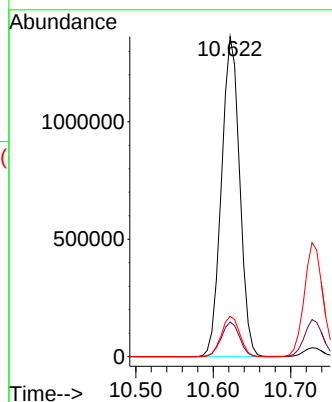
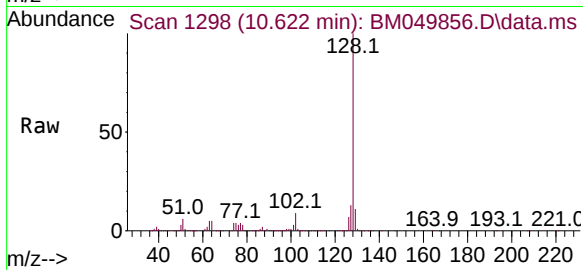




#31  
Naphthalene  
Concen: 40.582 ng  
RT: 10.622 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

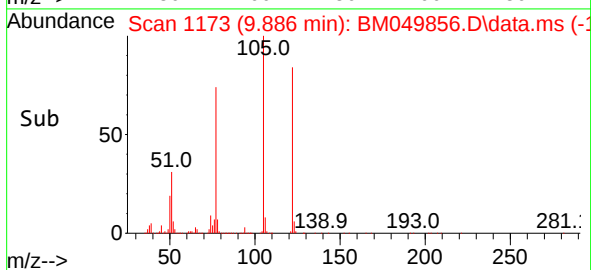
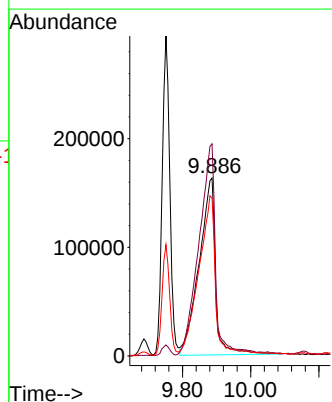
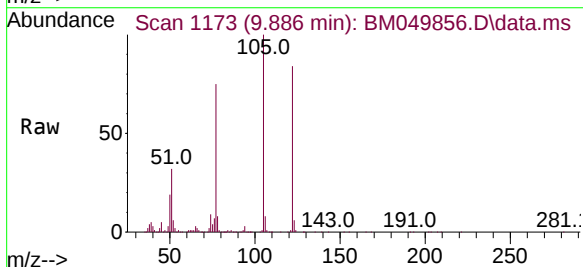
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

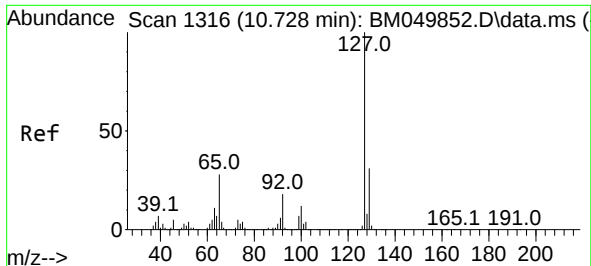
Tgt Ion:128 Resp: 2222571  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 12.6 10.6 15.8



#32  
Benzoic acid  
Concen: 41.427 ng  
RT: 9.886 min Scan# 1173  
Delta R.T. 0.011 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:122 Resp: 548954  
Ion Ratio Lower Upper  
122 100  
105 119.2 103.8 143.8  
77 88.9 70.7 110.7

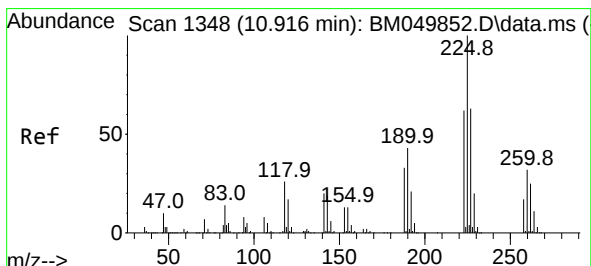
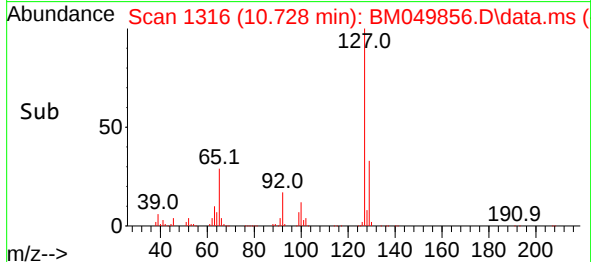
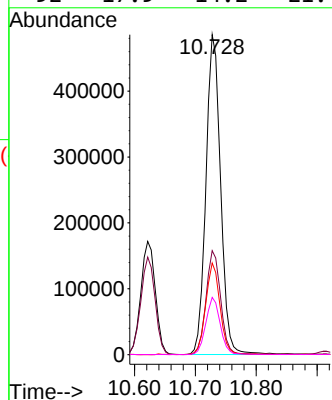
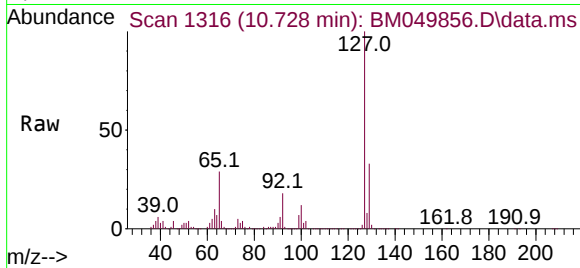




#33  
4-Chloroaniline  
Concen: 42.177 ng  
RT: 10.728 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

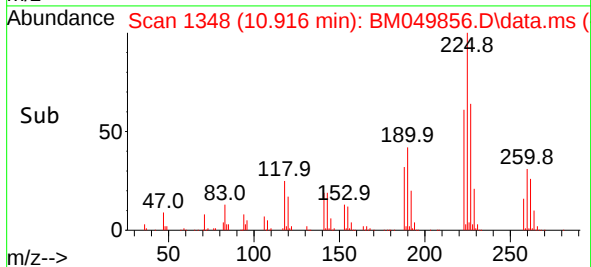
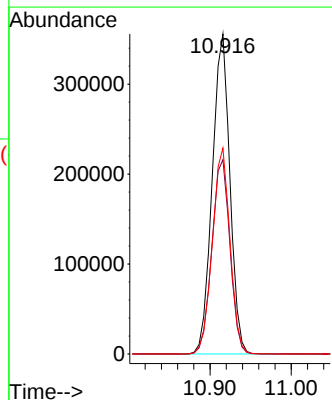
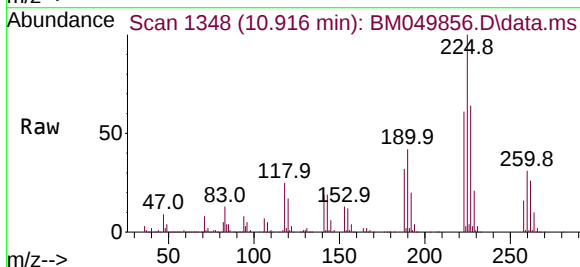
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

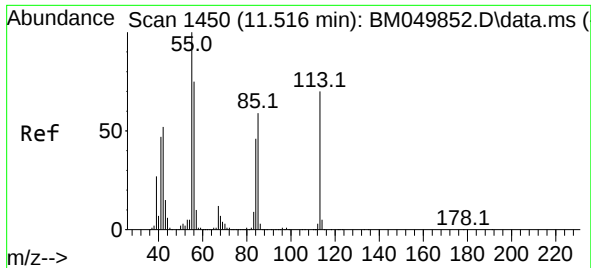
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 815667 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 24.9  | 37.3   |
| 65       | 28.7  | 22.4  | 33.6   |
| 92       | 17.9  | 14.2  | 21.4   |



#34  
Hexachlorobutadiene  
Concen: 40.688 ng  
RT: 10.916 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 535791 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.7  | 49.4  | 74.2   |
| 227      | 64.4  | 50.1  | 75.1   |

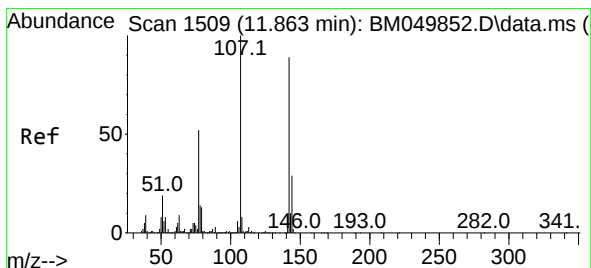
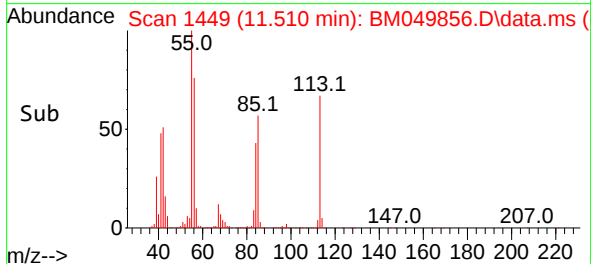
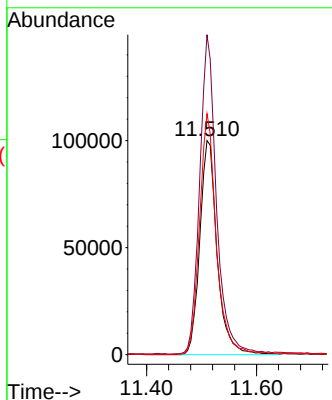
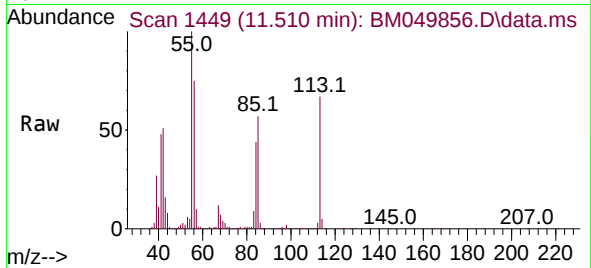




#35  
Caprolactam  
Concen: 41.519 ng  
RT: 11.510 min Scan# 1450  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

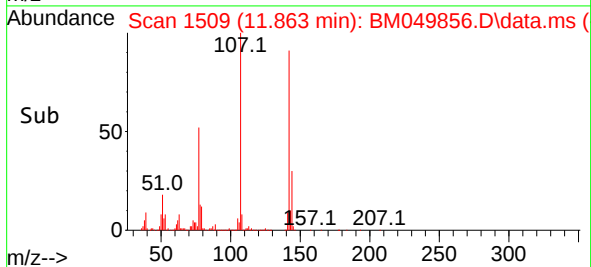
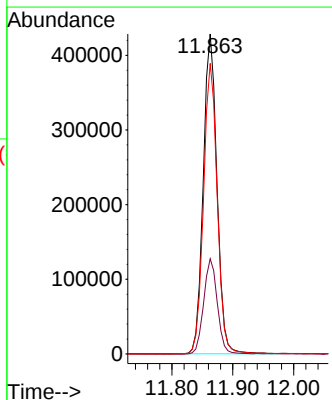
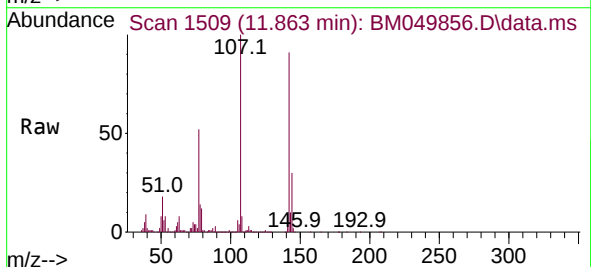
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

Tgt Ion:113 Resp: 219136  
Ion Ratio Lower Upper  
113 100  
55 149.5 124.3 164.3  
56 112.6 87.5 127.5



#36  
4-Chloro-3-methylphenol  
Concen: 41.604 ng  
RT: 11.863 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:107 Resp: 670620  
Ion Ratio Lower Upper  
107 100  
144 29.8 23.6 35.4  
142 90.8 71.4 107.0

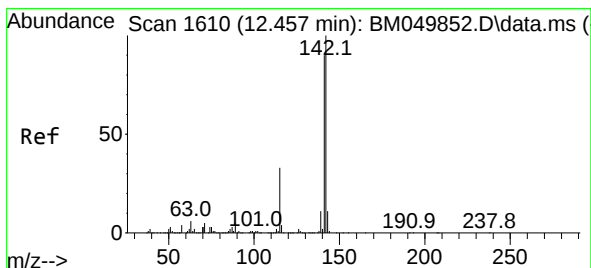
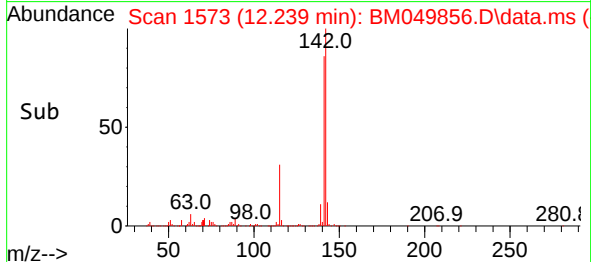
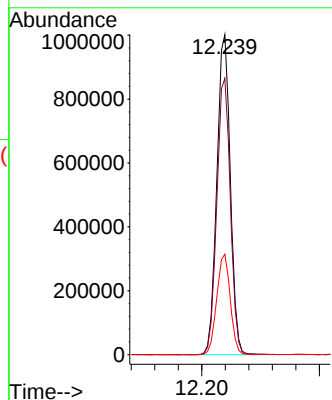
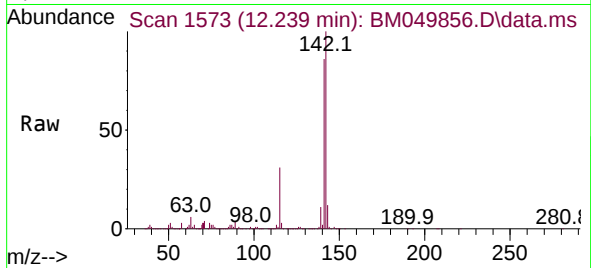




#37  
2-Methylnaphthalene  
Concen: 41.181 ng  
RT: 12.239 min Scan# 1573  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

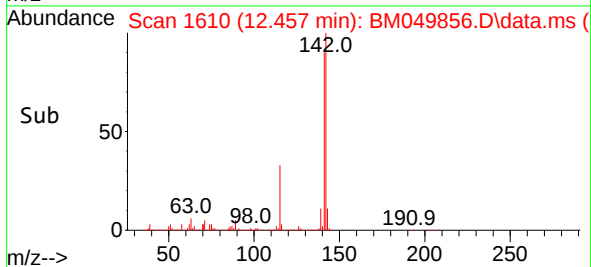
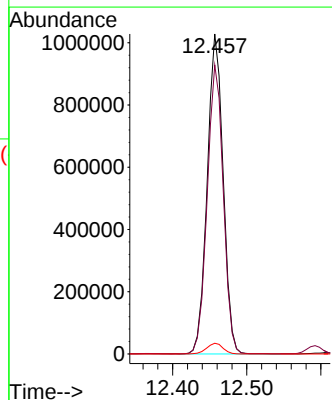
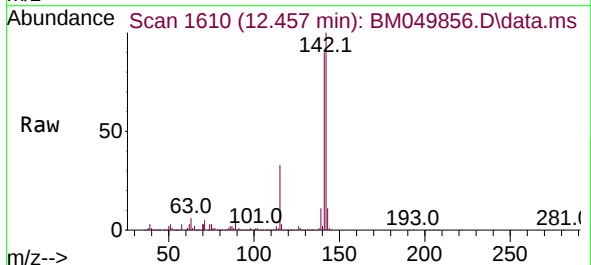
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

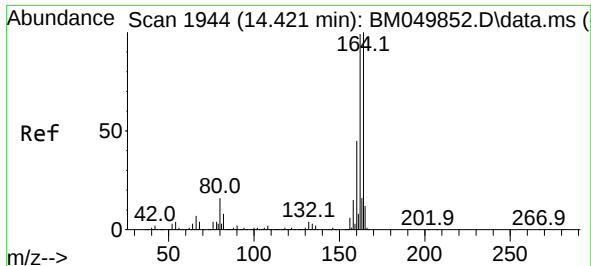
Tgt Ion:142 Resp: 1589046  
Ion Ratio Lower Upper  
142 100  
141 86.4 70.2 105.2  
115 31.4 25.4 38.2



#38  
1-Methylnaphthalene  
Concen: 40.865 ng  
RT: 12.457 min Scan# 1610  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:142 Resp: 1536235  
Ion Ratio Lower Upper  
142 100  
141 90.3 72.2 108.2  
116 3.4 2.9 4.3

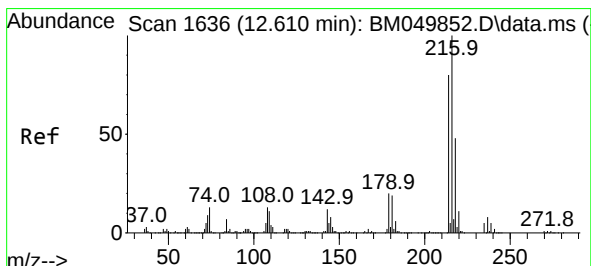
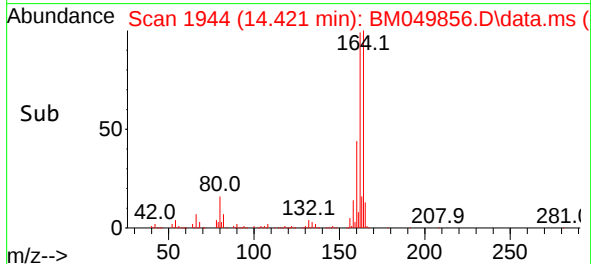
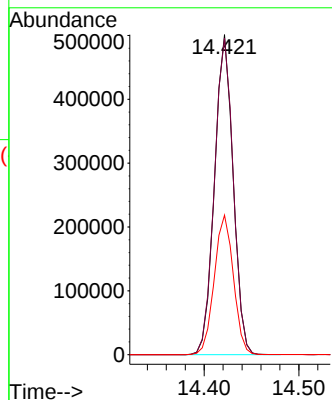
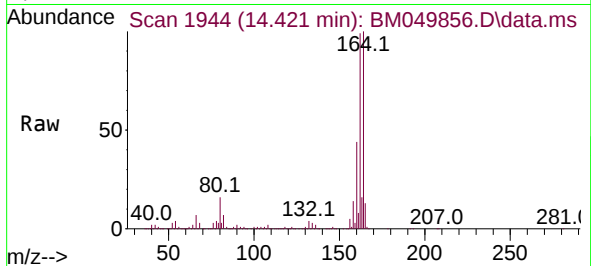




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.421 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

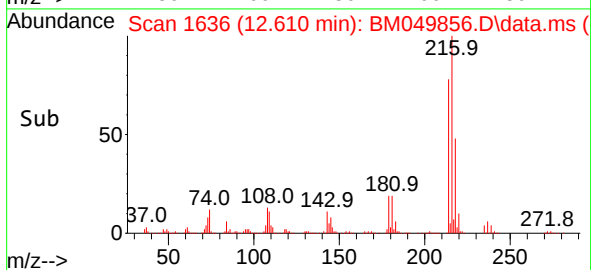
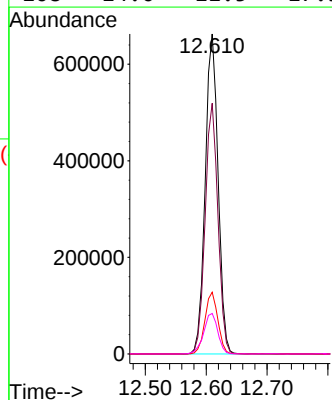
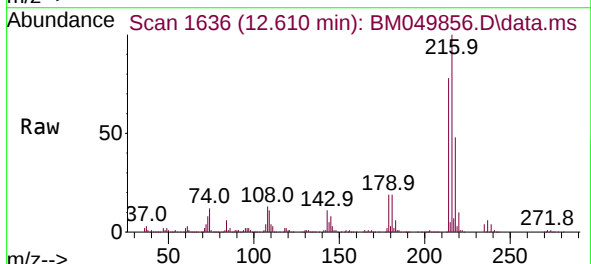
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

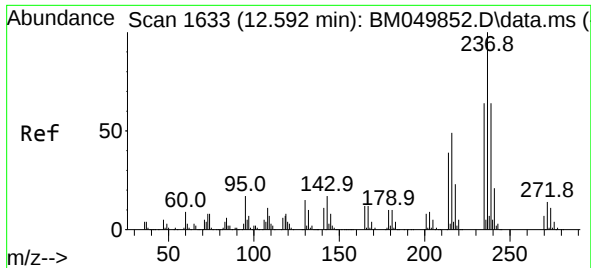
Tgt Ion:164 Resp: 683720  
Ion Ratio Lower Upper  
164 100  
162 99.0 79.4 119.0  
160 43.6 36.2 54.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.724 ng  
RT: 12.610 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

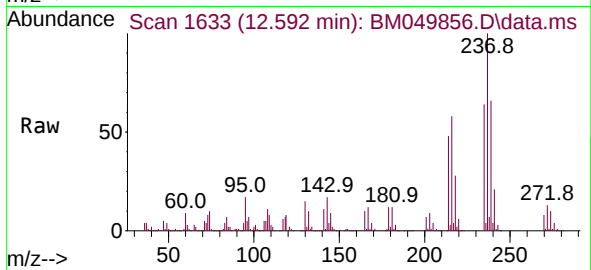
Tgt Ion:216 Resp: 974104  
Ion Ratio Lower Upper  
216 100  
214 77.8 63.2 94.8  
179 19.4 15.8 23.6  
108 14.0 11.5 17.3



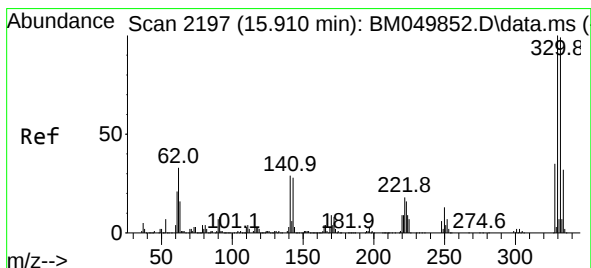
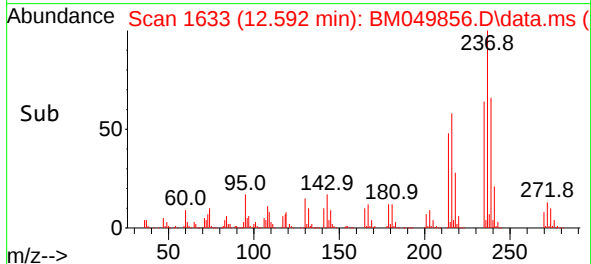
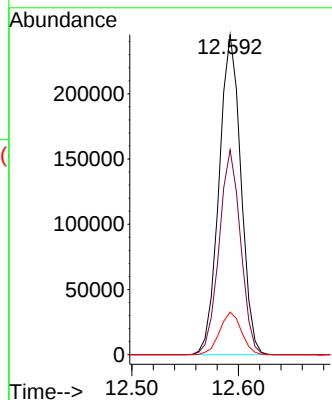


#41  
Hexachlorocyclopentadiene  
Concen: 41.571 ng  
RT: 12.592 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

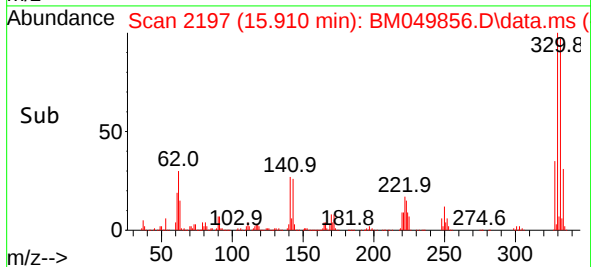
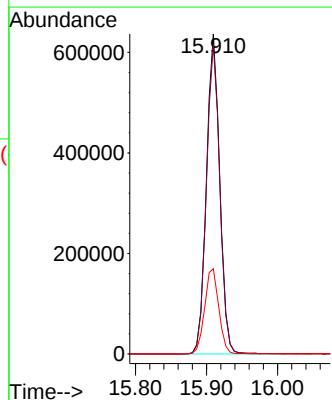
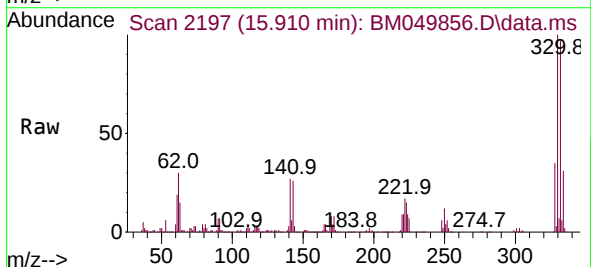


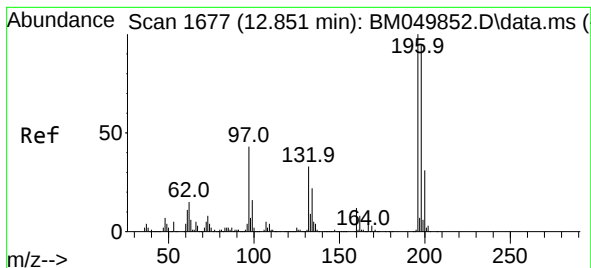
Tgt Ion:237 Resp: 348434  
Ion Ratio Lower Upper  
237 100  
235 64.0 43.7 83.7  
272 13.3 0.0 33.5



#42  
2,4,6-Tribromophenol  
Concen: 83.550 ng  
RT: 15.910 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:330 Resp: 830905  
Ion Ratio Lower Upper  
330 100  
332 97.3 78.0 117.0  
141 28.4 23.5 35.3

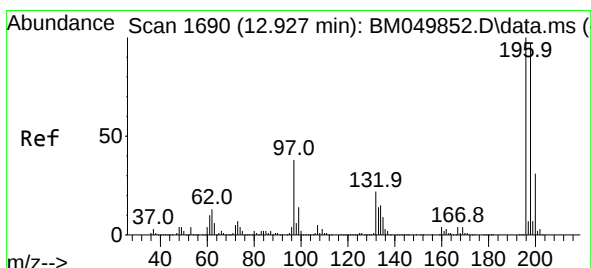
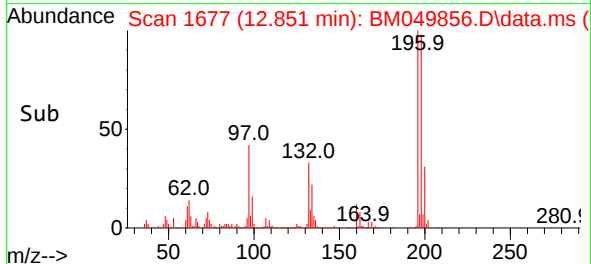
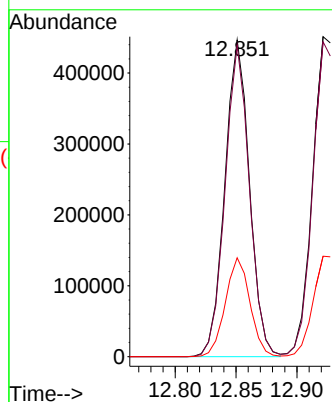
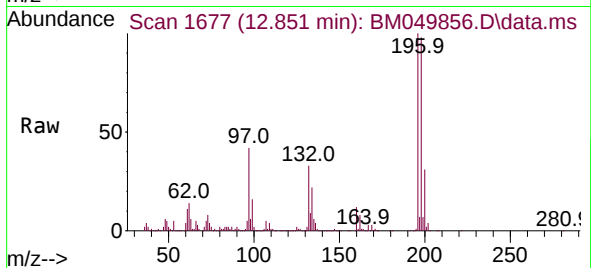




#43  
2,4,6-Trichlorophenol  
Concen: 41.361 ng  
RT: 12.851 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

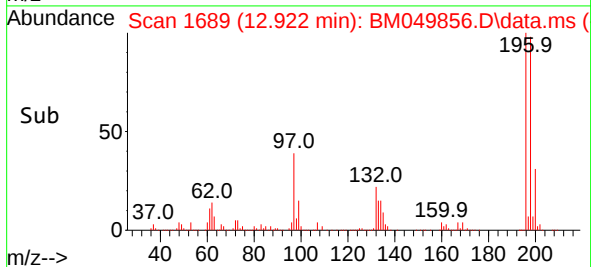
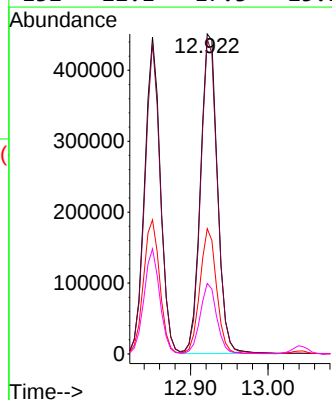
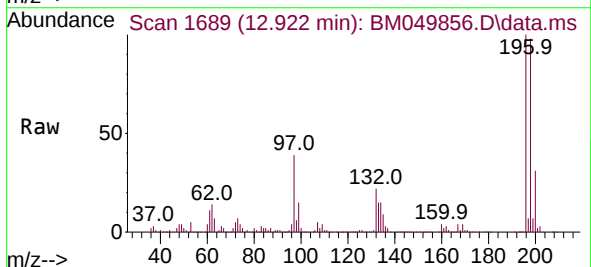
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

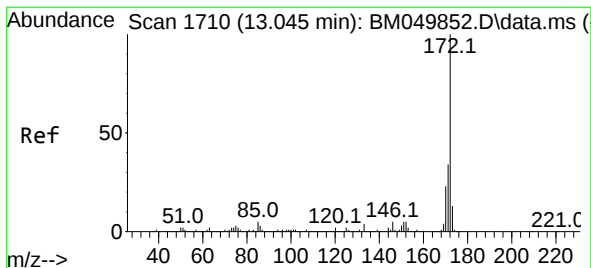
Tgt Ion:196 Resp: 629554  
Ion Ratio Lower Upper  
196 100  
198 98.3 76.1 114.1  
200 31.2 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 41.410 ng  
RT: 12.922 min Scan# 1689  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:196 Resp: 684953  
Ion Ratio Lower Upper  
196 100  
198 98.4 77.7 116.5  
97 39.2 30.3 45.5  
132 22.1 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 82.271 ng

RT: 13.039 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

Instrument :

BNA\_M

ClientSampleId :

ICVBM040825

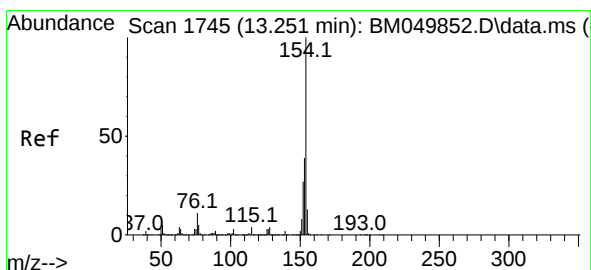
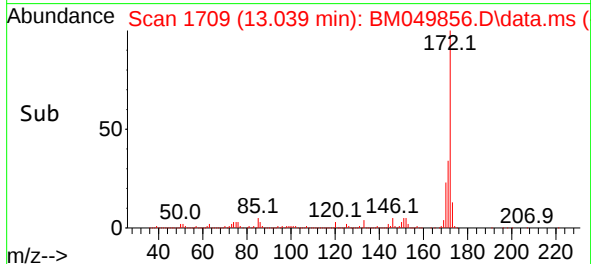
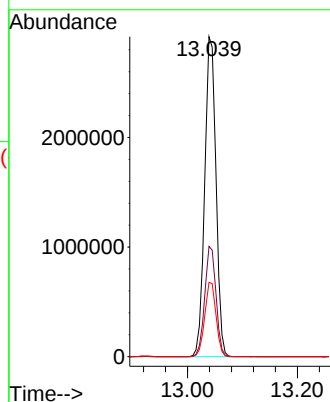
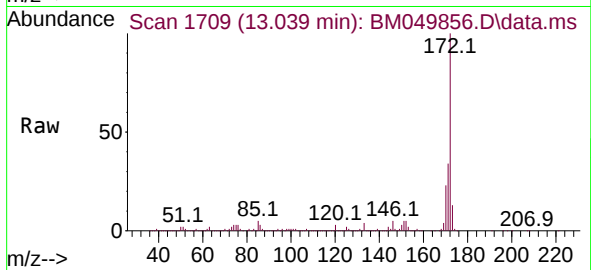
Tgt Ion:172 Resp: 4148227

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.2

170 23.2 18.6 28.0



#46

1,1'-Biphenyl

Concen: 41.097 ng

RT: 13.251 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

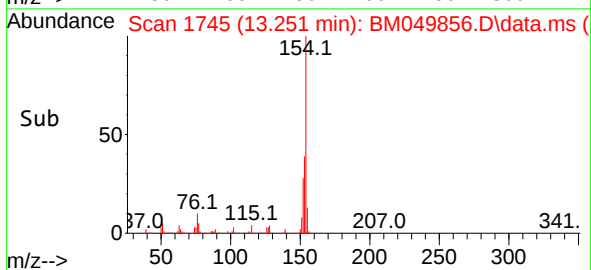
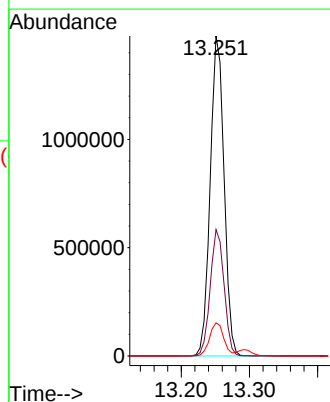
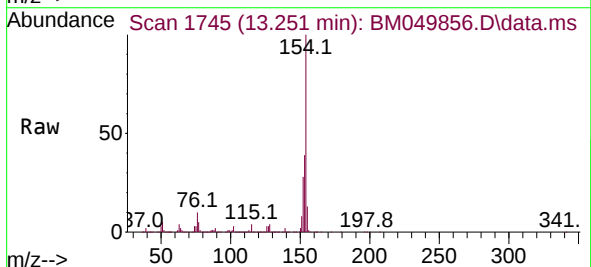
Tgt Ion:154 Resp: 2088758

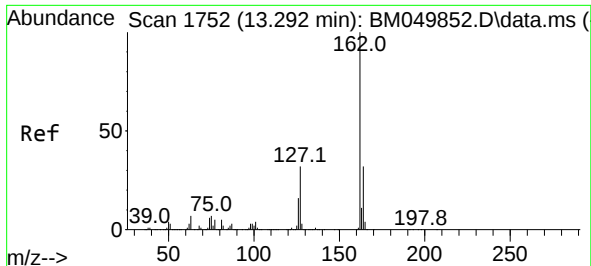
Ion Ratio Lower Upper

154 100

153 39.5 19.3 59.3

76 10.3 0.0 30.7

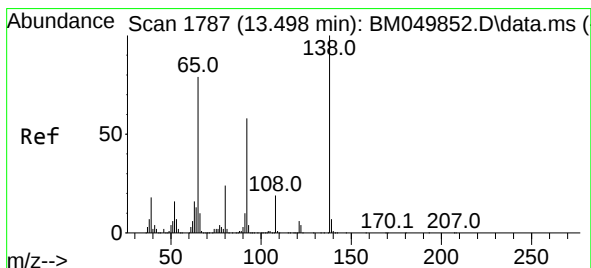
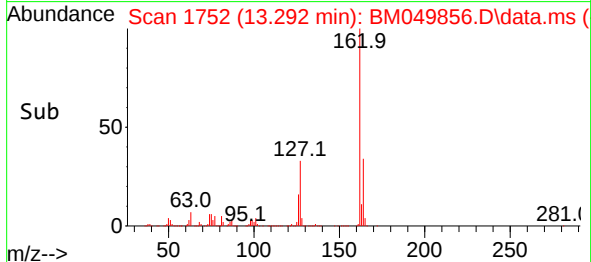
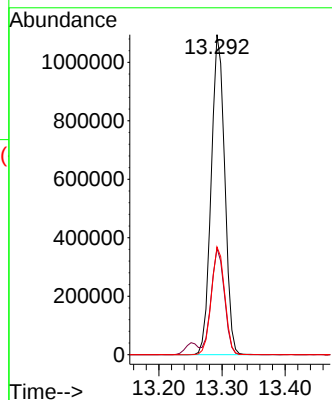
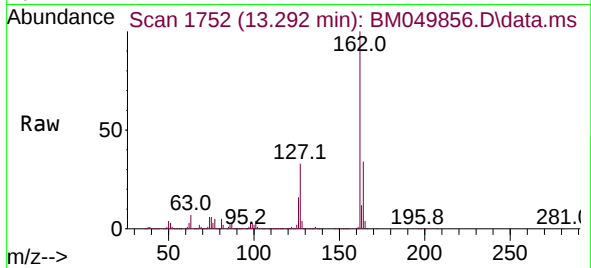




#47  
2-Chloronaphthalene  
Concen: 40.719 ng  
RT: 13.292 min Scan# 1752  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

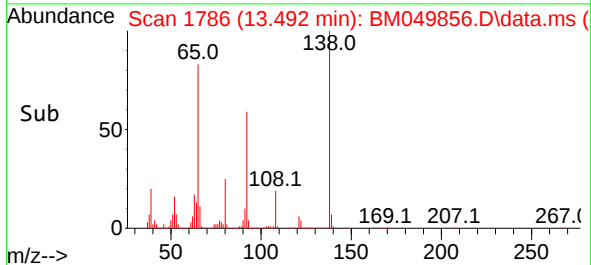
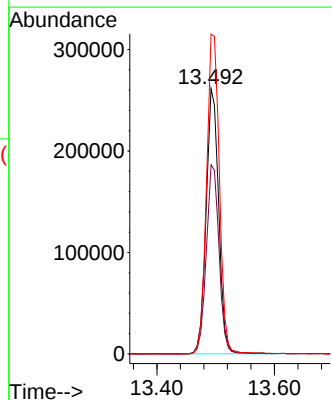
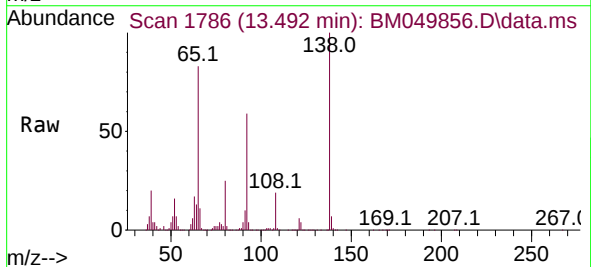
Instrument : BNA\_M  
ClientSampleId : ICVBM040825

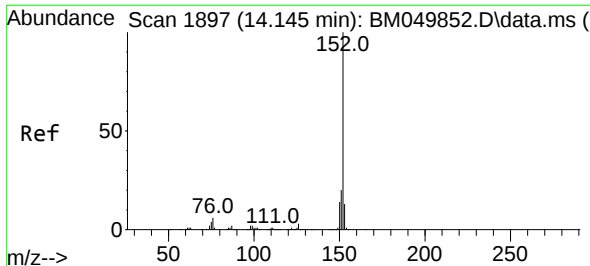
Tgt Ion:162 Resp: 1626662  
Ion Ratio Lower Upper  
162 100  
127 33.2 26.0 39.0  
164 33.7 25.9 38.9



#48  
2-Nitroaniline  
Concen: 41.831 ng  
RT: 13.492 min Scan# 1786  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion: 65 Resp: 386594  
Ion Ratio Lower Upper  
65 100  
92 71.4 58.4 87.6  
138 120.7 100.8 151.2

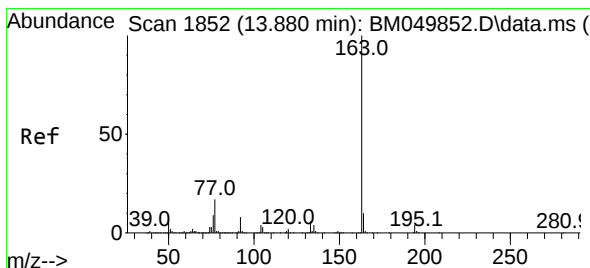
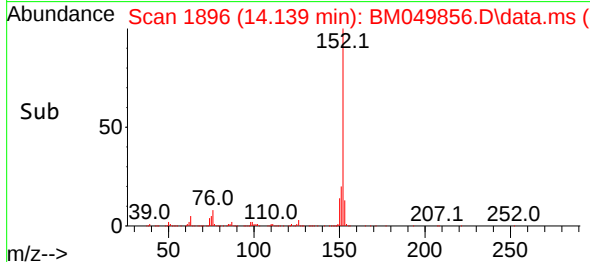
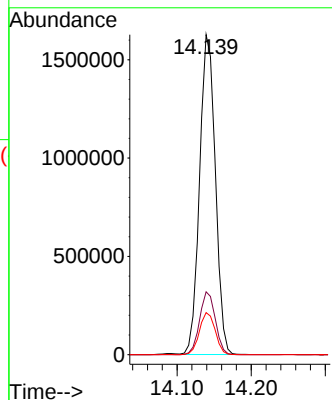
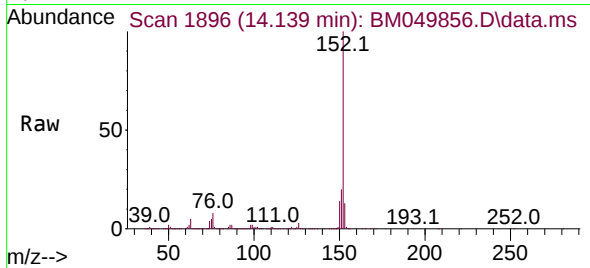




#49  
Acenaphthylene  
Concen: 41.321 ng  
RT: 14.139 min Scan# 1896  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

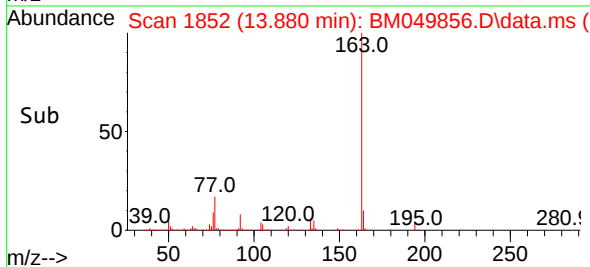
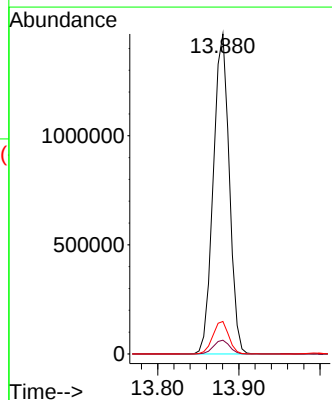
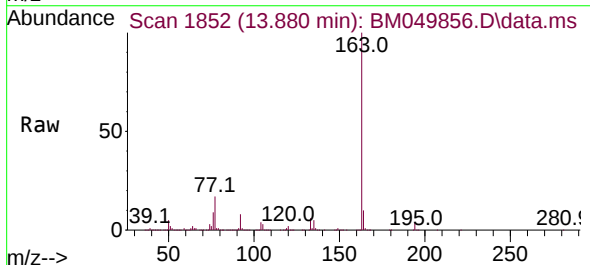
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

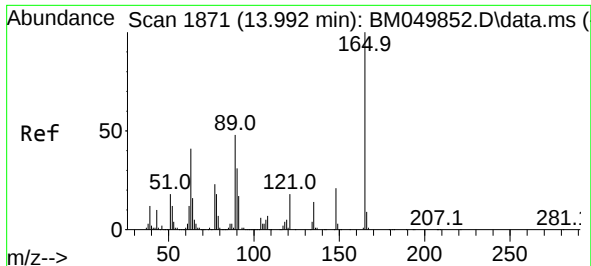
Tgt Ion:152 Resp: 2404483  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.7 23.5  
153 13.2 10.4 15.6



#50  
Dimethylphthalate  
Concen: 41.593 ng  
RT: 13.880 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:163 Resp: 2006252  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.5 5.3  
164 10.2 7.9 11.9

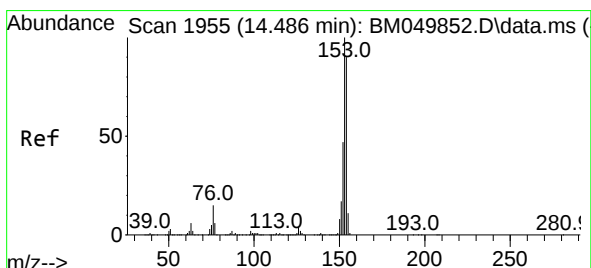
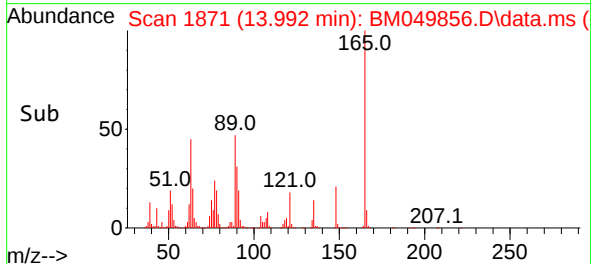
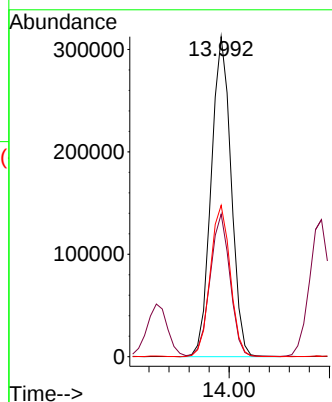
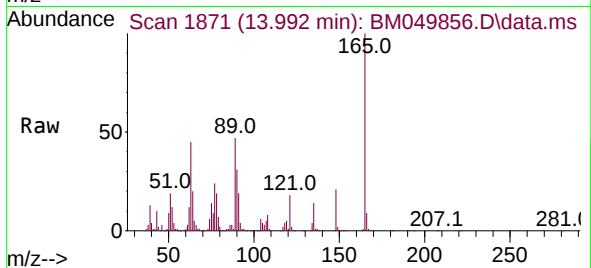




#51  
2,6-Dinitrotoluene  
Concen: 42.625 ng  
RT: 13.992 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

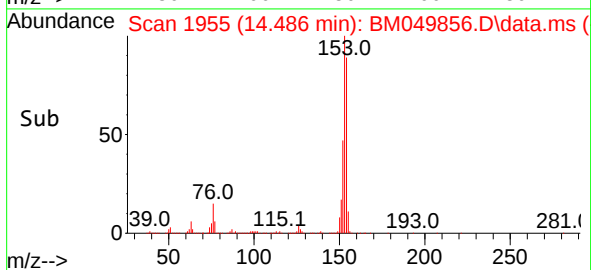
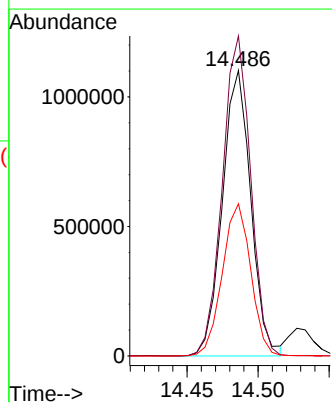
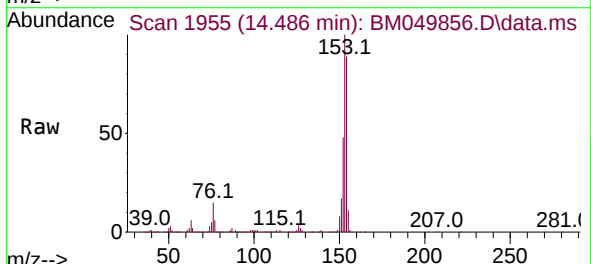
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

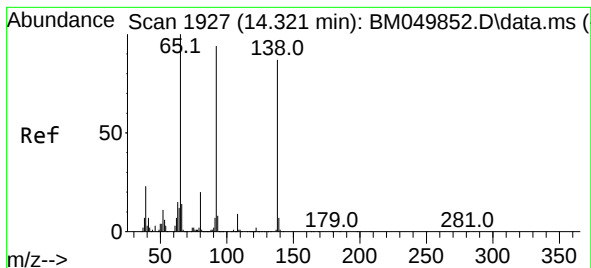
Tgt Ion:165 Resp: 430765  
Ion Ratio Lower Upper  
165 100  
63 44.6 36.1 54.1  
89 47.3 38.3 57.5



#52  
Acenaphthene  
Concen: 41.534 ng  
RT: 14.486 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:154 Resp: 1537342  
Ion Ratio Lower Upper  
154 100  
153 112.1 89.3 133.9  
152 53.3 42.2 63.2

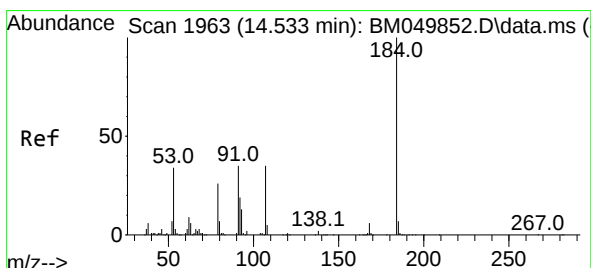
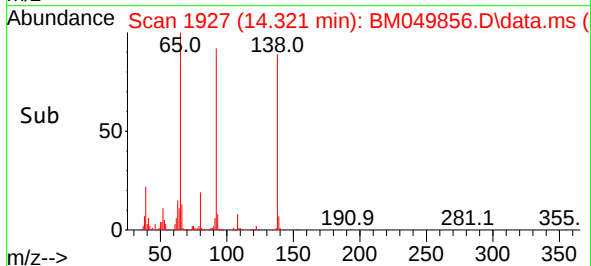
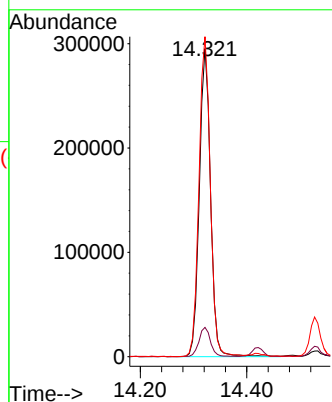
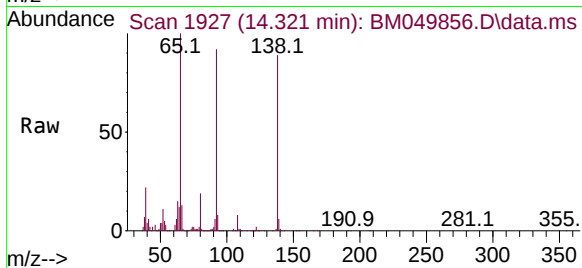




#53  
3-Nitroaniline  
Concen: 44.041 ng  
RT: 14.321 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

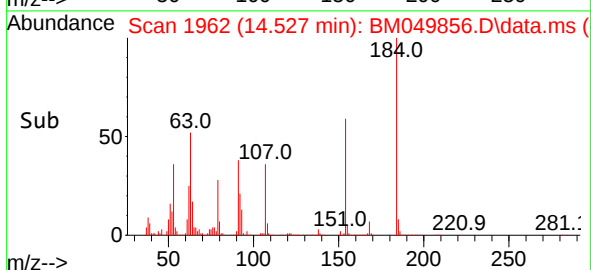
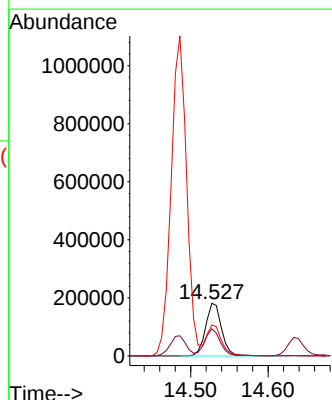
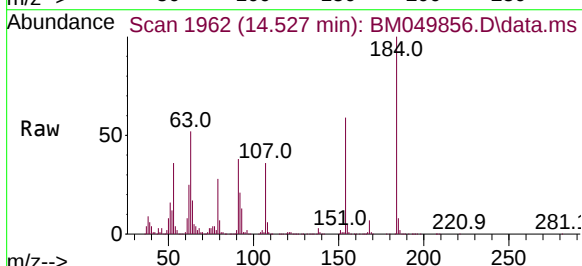
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

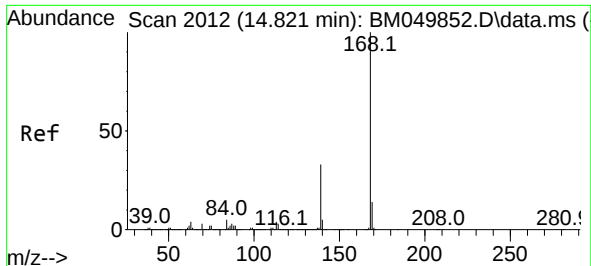
Tgt Ion:138 Resp: 430166  
Ion Ratio Lower Upper  
138 100  
108 9.5 8.1 12.1  
92 103.9 86.5 129.7



#54  
2,4-Dinitrophenol  
Concen: 39.689 ng  
RT: 14.527 min Scan# 1962  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:184 Resp: 261179  
Ion Ratio Lower Upper  
184 100  
63 51.8 38.4 57.6  
154 59.0 48.1 72.1

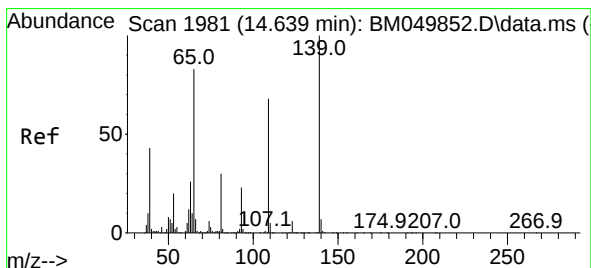
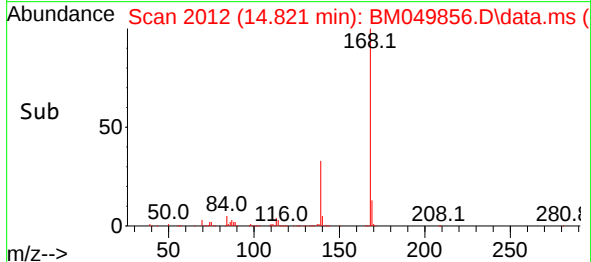
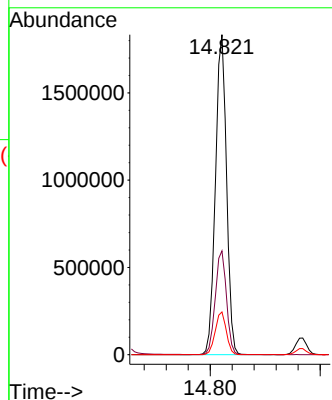
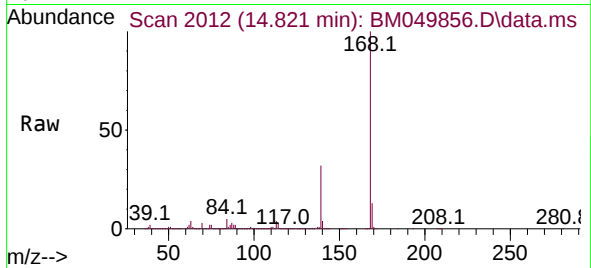




#55  
Dibenzenofuran  
Concen: 41.581 ng  
RT: 14.821 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

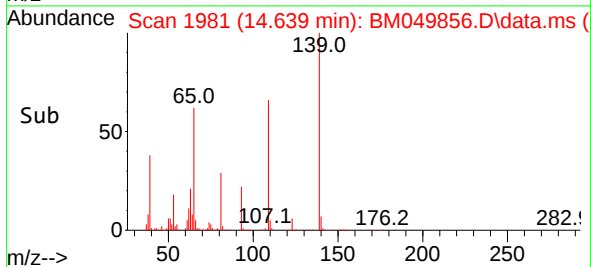
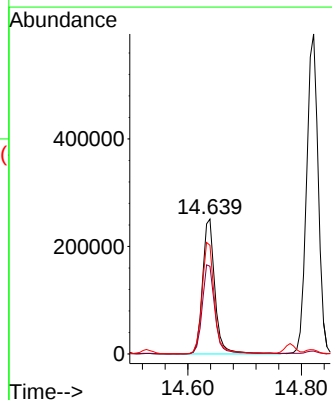
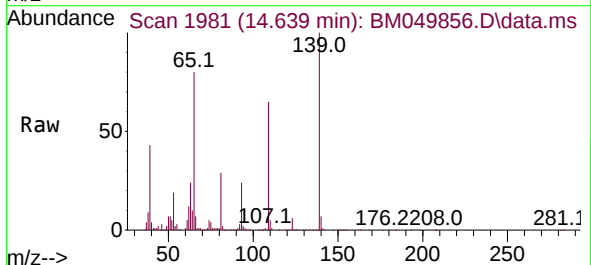
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

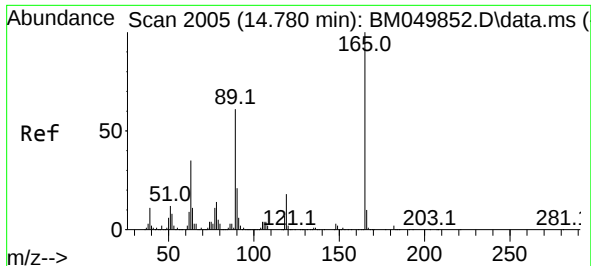
Tgt Ion:168 Resp: 2572884  
Ion Ratio Lower Upper  
168 100  
139 32.5 26.6 39.8  
169 13.4 11.0 16.4



#56  
4-Nitrophenol  
Concen: 43.685 ng  
RT: 14.639 min Scan# 1981  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:139 Resp: 380237  
Ion Ratio Lower Upper  
139 100  
109 65.0 47.9 87.9  
65 80.5 62.7 102.7

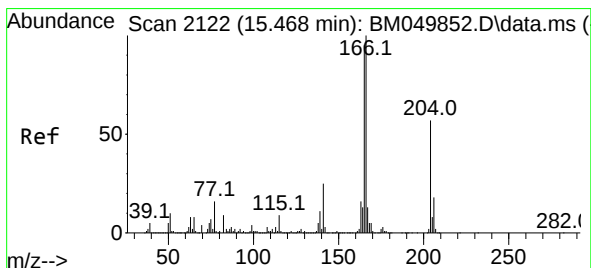
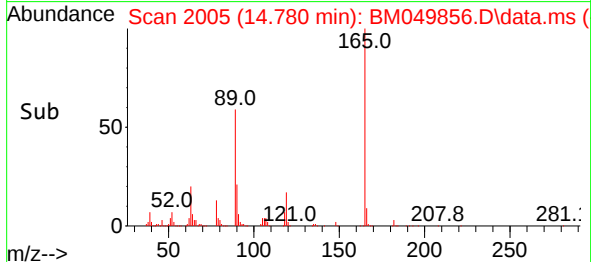
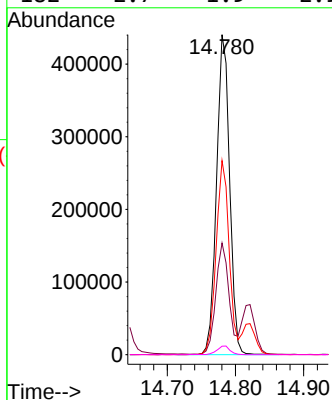
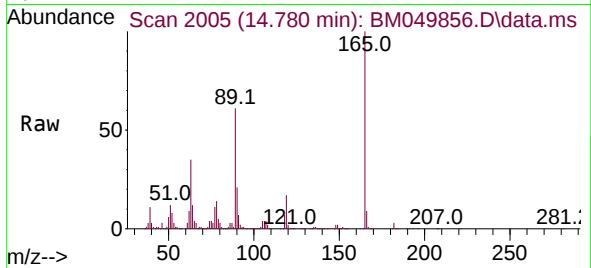




#57  
2,4-Dinitrotoluene  
Concen: 43.627 ng  
RT: 14.780 min Scan# 2005  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

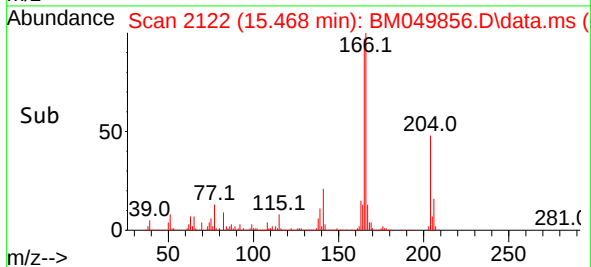
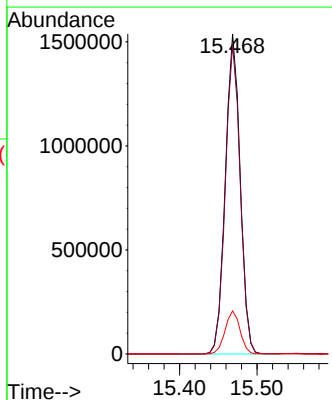
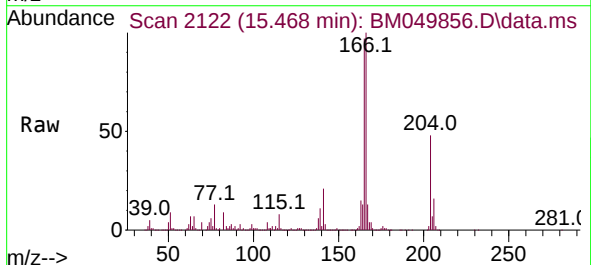
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

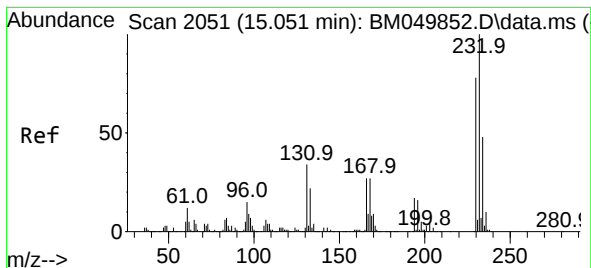
Tgt Ion:165 Resp: 588187  
Ion Ratio Lower Upper  
165 100  
63 34.9 28.6 42.8  
89 60.6 49.0 73.6  
182 2.7 1.9 2.9



#58  
Fluorene  
Concen: 41.729 ng  
RT: 15.468 min Scan# 2122  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:166 Resp: 2052408  
Ion Ratio Lower Upper  
166 100  
165 96.6 76.3 114.5  
167 13.5 10.7 16.1



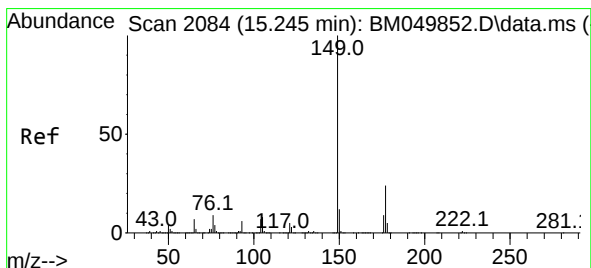
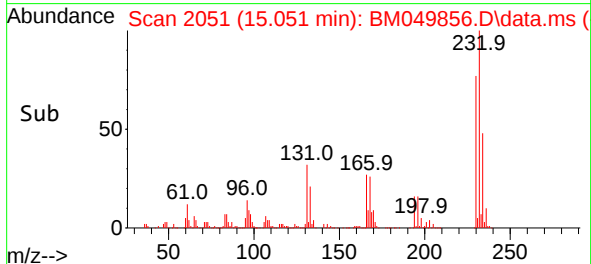
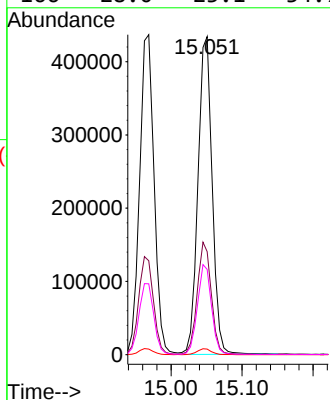
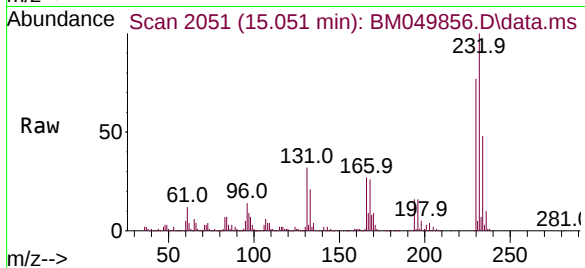


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.690 ng  
RT: 15.051 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

Tgt Ion:232 Resp: 604398

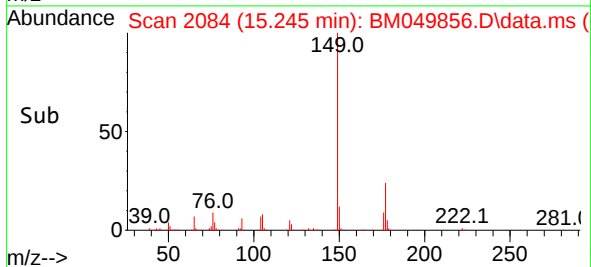
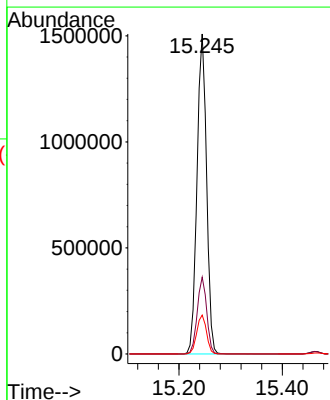
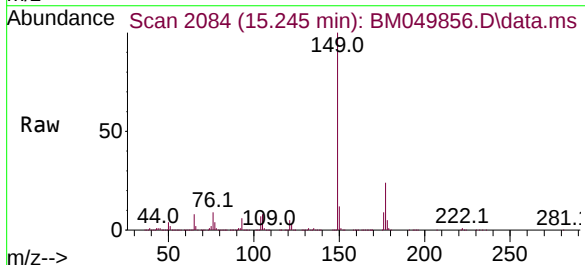
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 35.1  | 28.4  | 42.6  |
| 130 | 1.9   | 1.6   | 2.4   |
| 166 | 28.0  | 23.1  | 34.7  |

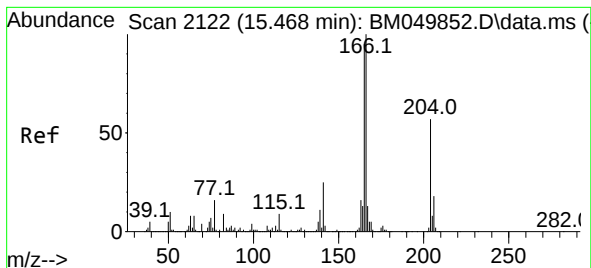


#60  
Diethylphthalate  
Concen: 41.839 ng  
RT: 15.245 min Scan# 2084  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:149 Resp: 1935360

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 24.0  | 19.0  | 28.4  |
| 150 | 12.2  | 9.7   | 14.5  |

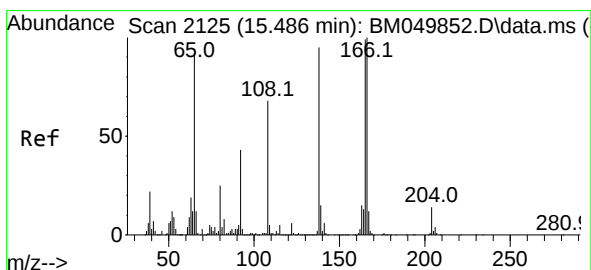
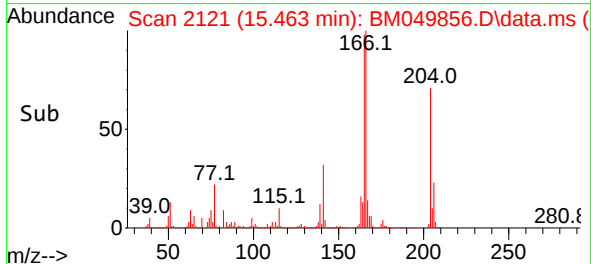
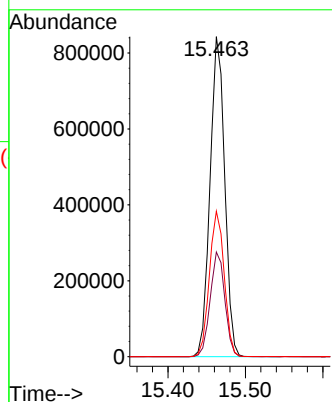
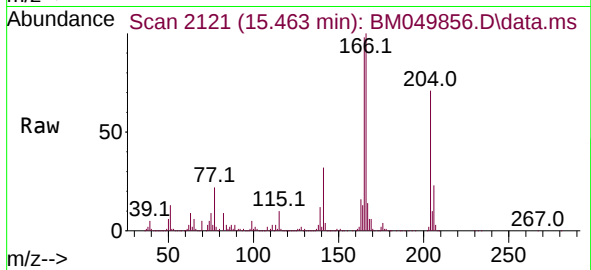




#61  
4-Chlorophenyl-phenylether  
Concen: 41.984 ng  
RT: 15.463 min Scan# 2121  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

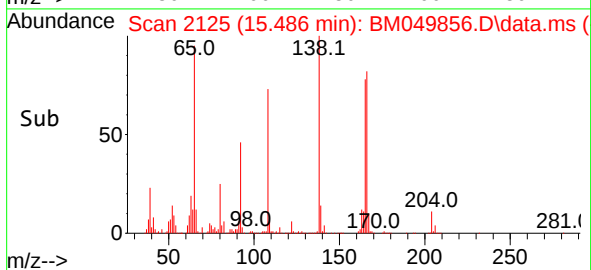
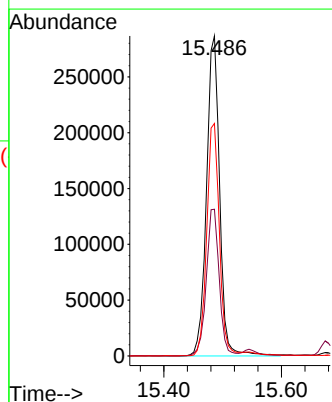
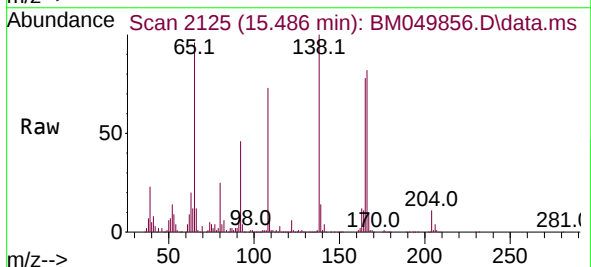
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

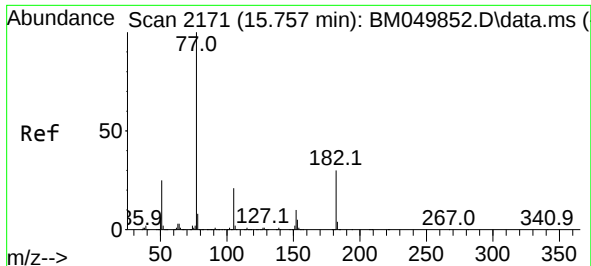
Tgt Ion:204 Resp: 1107114  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.2 39.2  
141 45.4 35.0 52.6



#62  
4-Nitroaniline  
Concen: 44.058 ng  
RT: 15.486 min Scan# 2125  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:138 Resp: 445025  
Ion Ratio Lower Upper  
138 100  
92 45.9 24.9 64.9  
108 72.7 51.7 91.7

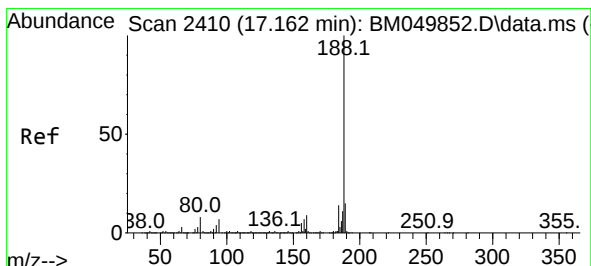
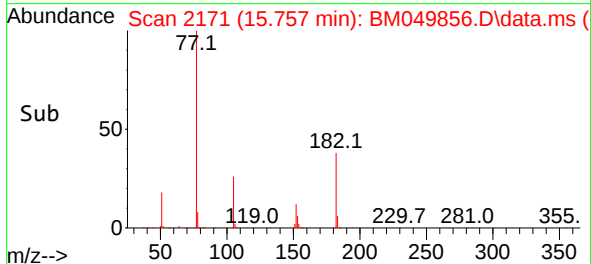
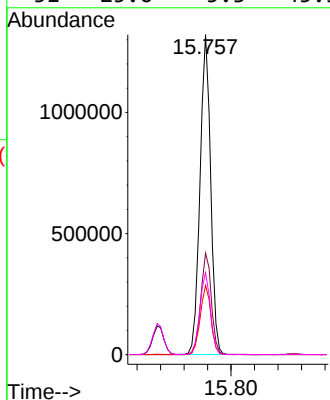
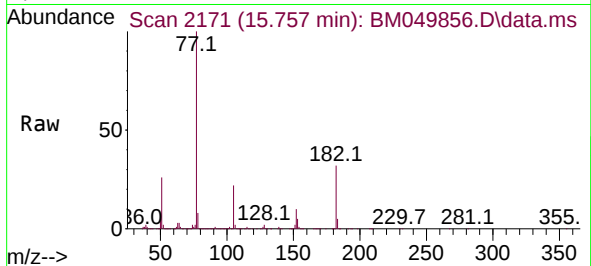




#63  
 Azobenzene  
 Concen: 41.869 ng  
 RT: 15.757 min Scan# 2171  
 Delta R.T. 0.000 min  
 Lab File: BM049856.D  
 Acq: 08 Apr 2025 20:47

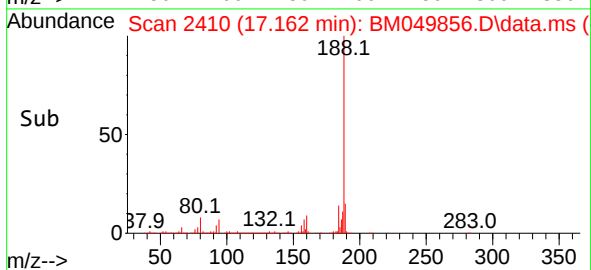
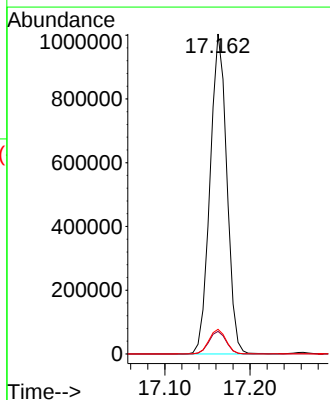
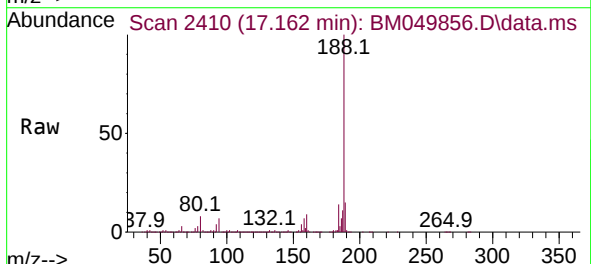
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM040825

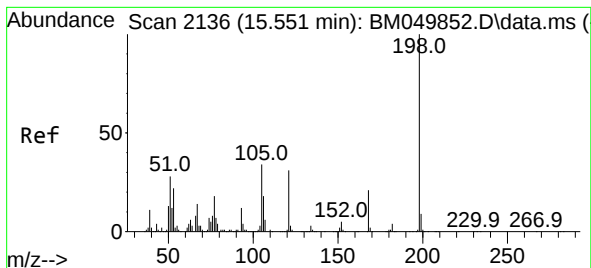
Tgt Ion: 77 Resp: 1658136  
 Ion Ratio Lower Upper  
 77 100  
 182 31.8 10.4 50.4  
 105 21.7 1.5 41.5  
 51 25.6 5.3 45.3



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.162 min Scan# 2410  
 Delta R.T. -0.000 min  
 Lab File: BM049856.D  
 Acq: 08 Apr 2025 20:47

Tgt Ion:188 Resp: 1374499  
 Ion Ratio Lower Upper  
 188 100  
 94 7.0 5.8 8.6  
 80 7.7 6.4 9.6

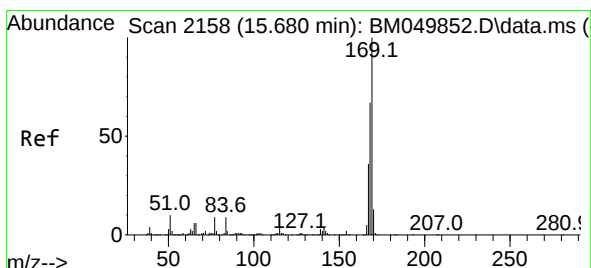
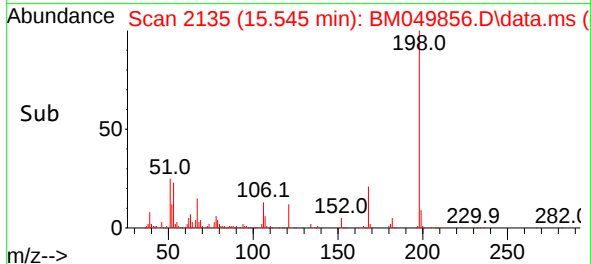
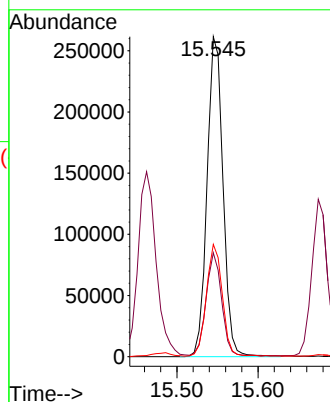
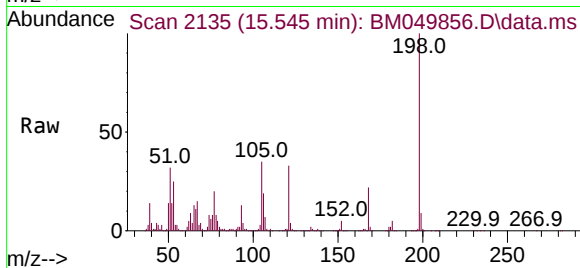




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.037 ng  
RT: 15.545 min Scan# 2135  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

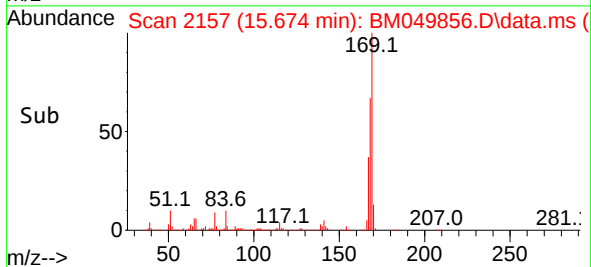
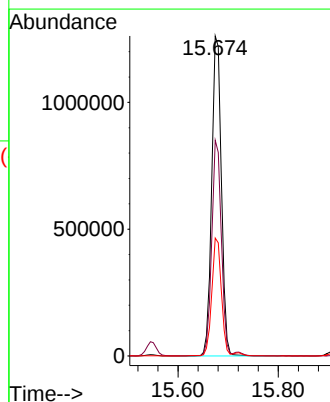
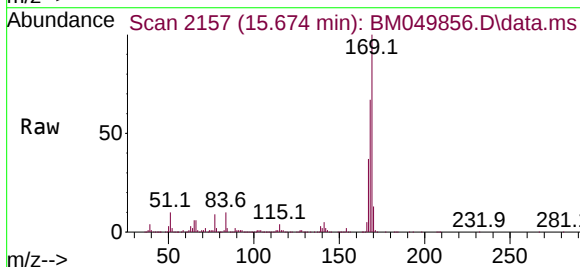
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

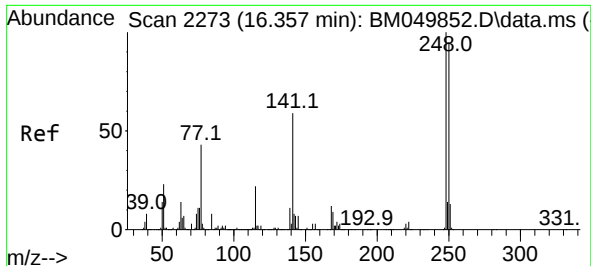
Tgt Ion:198 Resp: 355438  
Ion Ratio Lower Upper  
198 100  
51 32.5 9.6 49.6  
105 35.1 14.7 54.7



#66  
n-Nitrosodiphenylamine  
Concen: 41.081 ng  
RT: 15.674 min Scan# 2157  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:169 Resp: 1689818  
Ion Ratio Lower Upper  
169 100  
168 67.4 53.4 80.2  
167 36.9 29.0 43.6

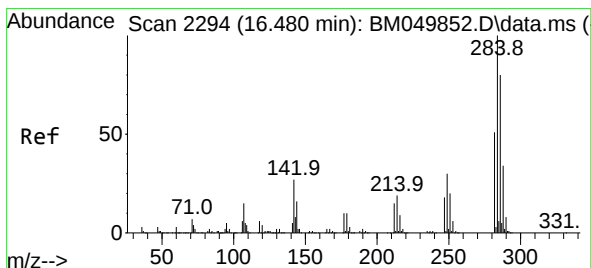
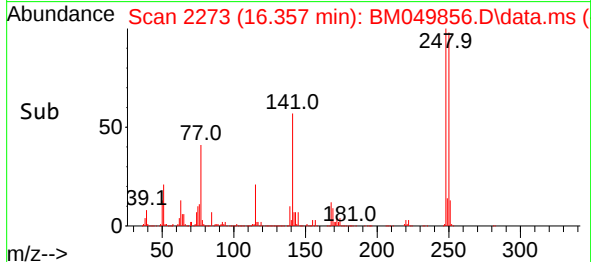
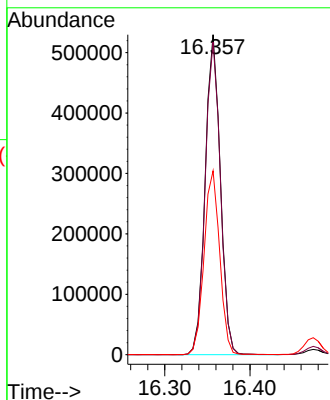
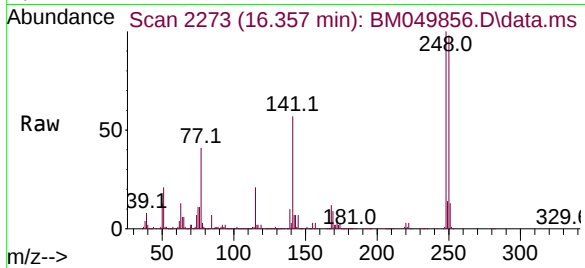




#67  
4-Bromophenyl-phenylether  
Concen: 41.024 ng  
RT: 16.357 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

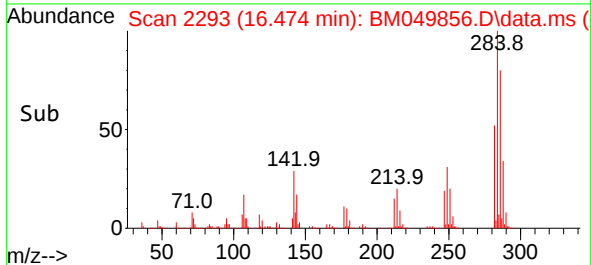
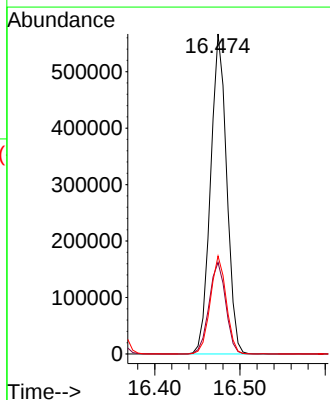
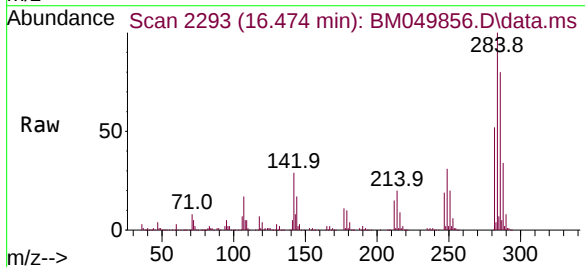
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

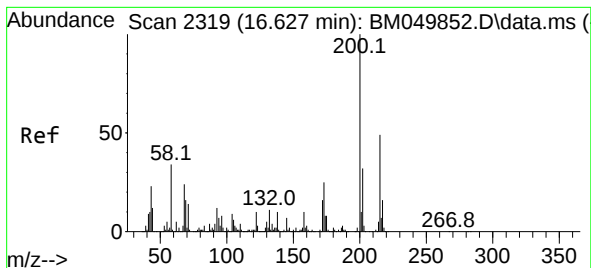
Tgt Ion:248 Resp: 654585  
Ion Ratio Lower Upper  
248 100  
250 97.7 76.2 114.2  
141 57.5 47.3 70.9



#68  
Hexachlorobenzene  
Concen: 40.782 ng  
RT: 16.474 min Scan# 2293  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:284 Resp: 746406  
Ion Ratio Lower Upper  
284 100  
142 28.6 21.2 31.8  
249 30.6 24.1 36.1





#69

Atrazine

Concen: 32.937 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

Instrument :

BNA\_M

ClientSampleId :

ICVBM040825

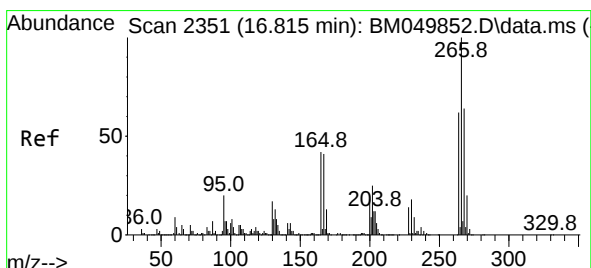
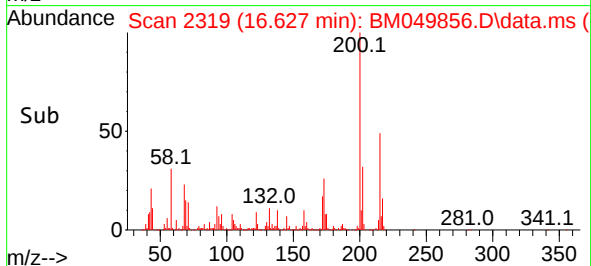
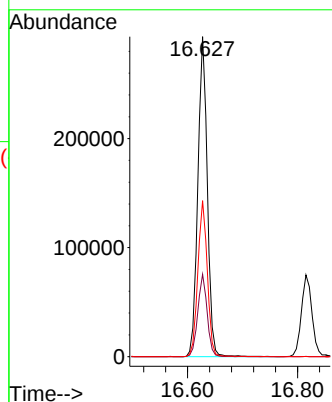
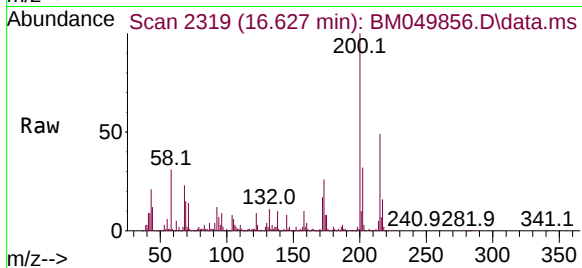
Tgt Ion:200 Resp: 351283

Ion Ratio Lower Upper

200 100

173 25.8 5.4 45.4

215 48.8 29.0 69.0



#70

Pentachlorophenol

Concen: 40.626 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

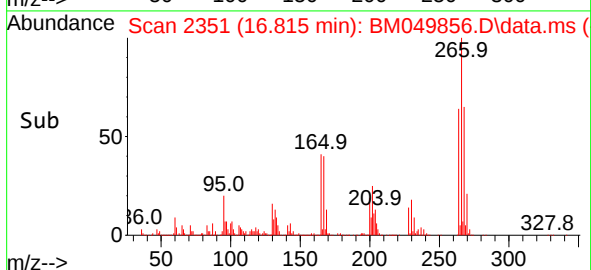
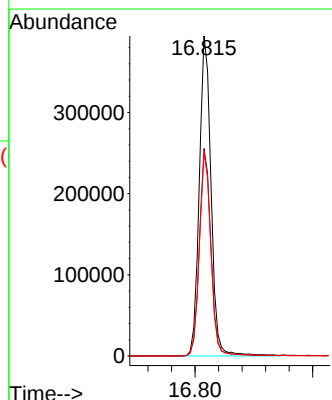
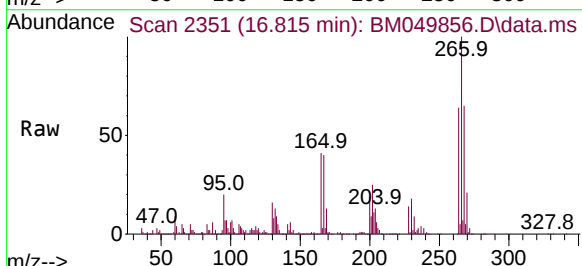
Tgt Ion:266 Resp: 547416

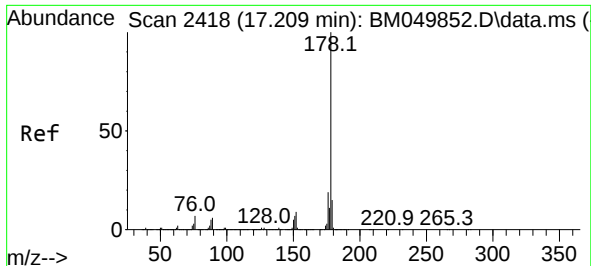
Ion Ratio Lower Upper

266 100

268 64.9 51.4 77.2

264 63.6 49.8 74.8

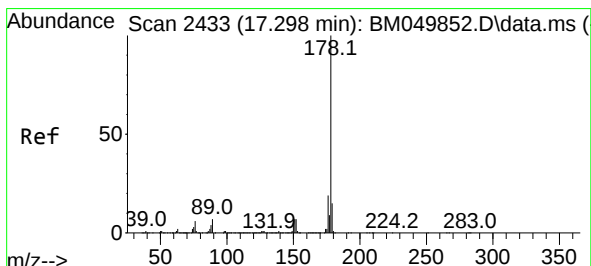
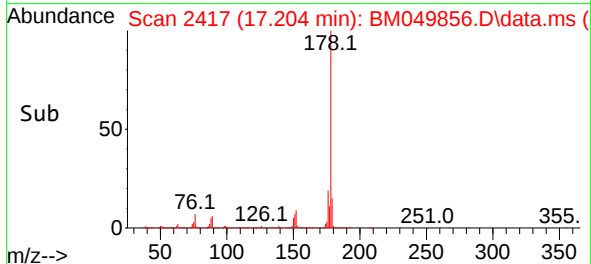
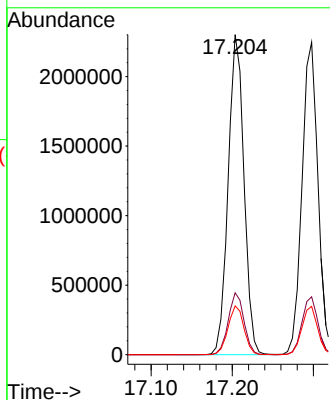
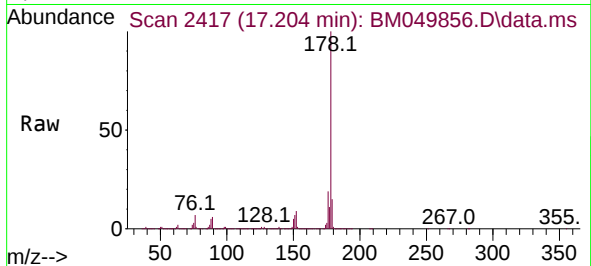




#71  
Phenanthrene  
Concen: 41.280 ng  
RT: 17.204 min Scan# 2418  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

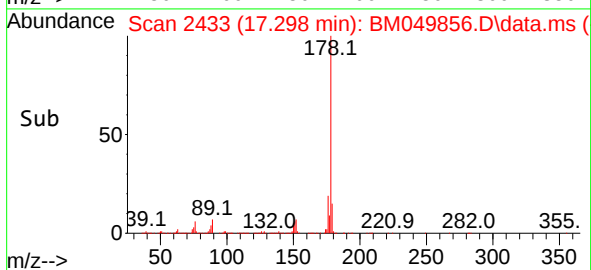
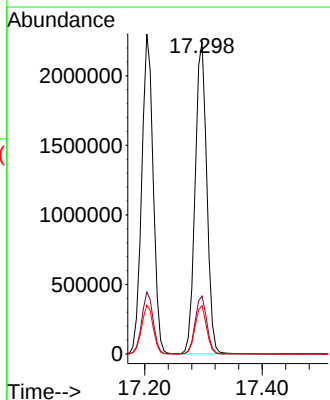
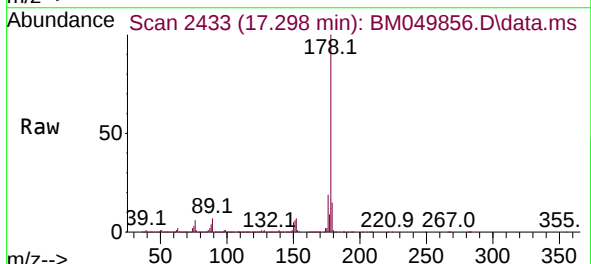
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

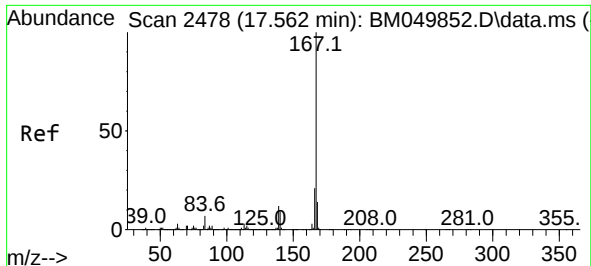
Tgt Ion:178 Resp: 3110670  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 15.2 12.3 18.5



#72  
Anthracene  
Concen: 41.490 ng  
RT: 17.298 min Scan# 2433  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:178 Resp: 3081134  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.1 22.7  
179 15.4 12.4 18.6

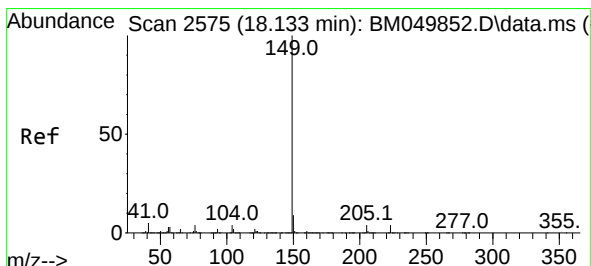
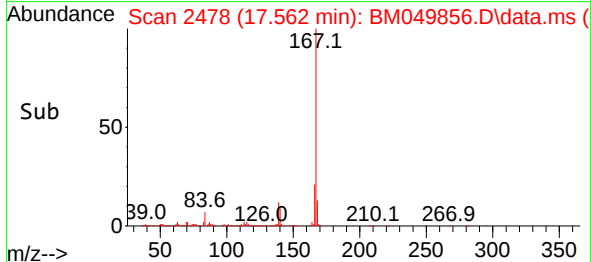
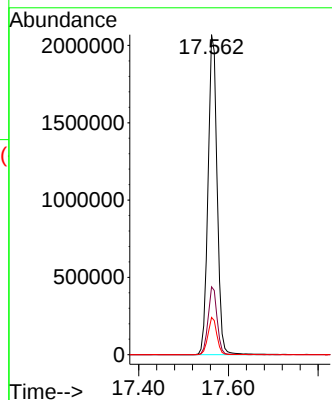
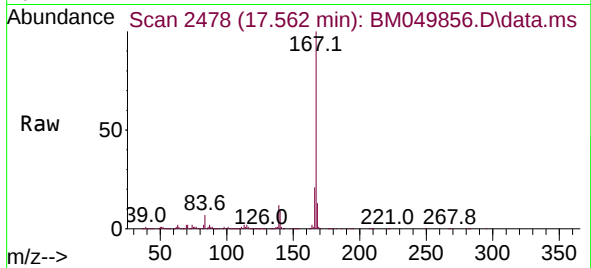




#73  
 Carbazole  
 Concen: 41.424 ng  
 RT: 17.562 min Scan# 2478  
 Delta R.T. 0.000 min  
 Lab File: BM049856.D  
 Acq: 08 Apr 2025 20:47

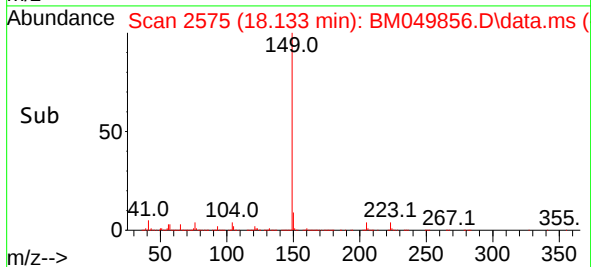
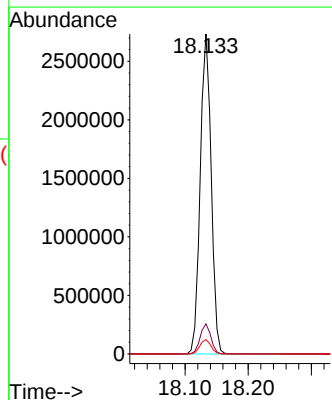
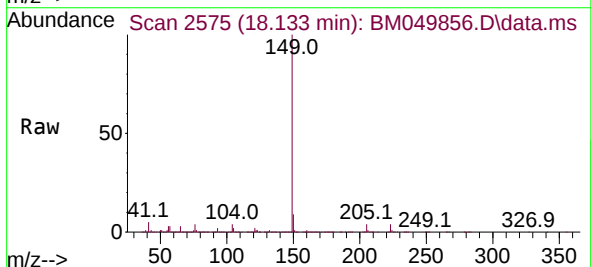
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM040825

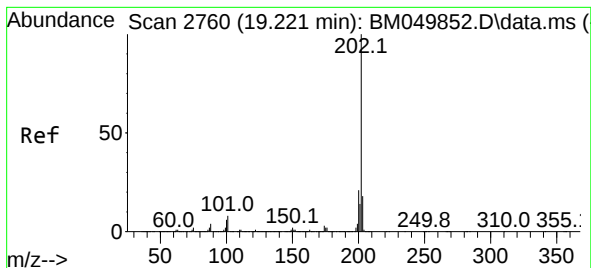
Tgt Ion:167 Resp: 2897408  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 16.9 25.3  
 139 11.6 9.3 13.9



#74  
 Di-n-butylphthalate  
 Concen: 40.739 ng  
 RT: 18.133 min Scan# 2575  
 Delta R.T. 0.000 min  
 Lab File: BM049856.D  
 Acq: 08 Apr 2025 20:47

Tgt Ion:149 Resp: 3282090  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.5 11.3  
 104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 41.327 ng

RT: 19.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

Instrument :

BNA\_M

ClientSampleId :

ICVBM040825

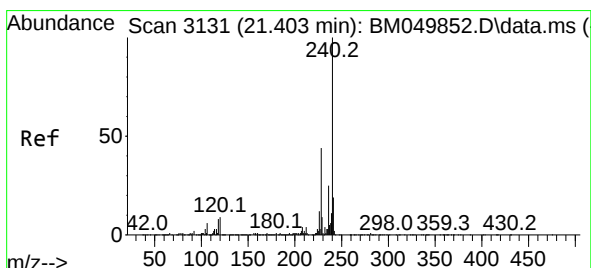
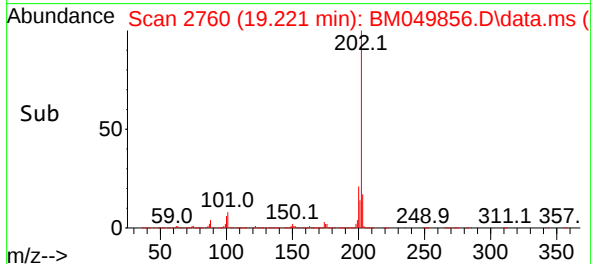
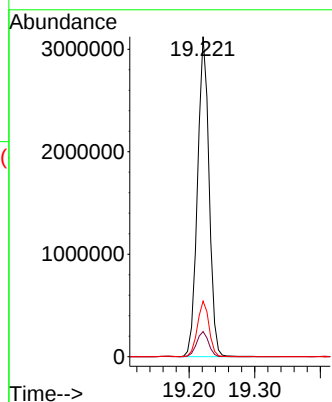
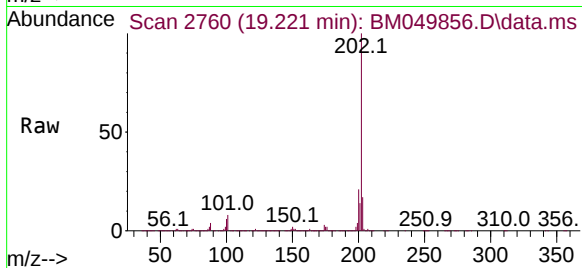
Tgt Ion:202 Resp: 3829085

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.4

203 17.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

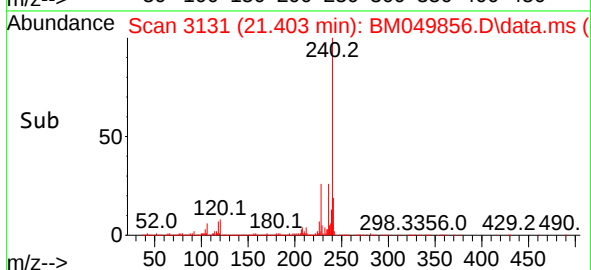
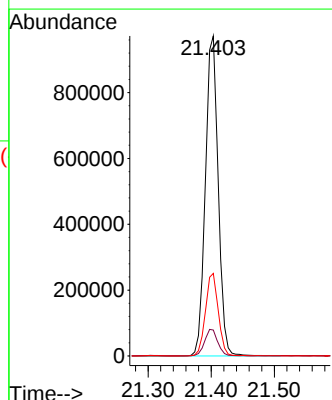
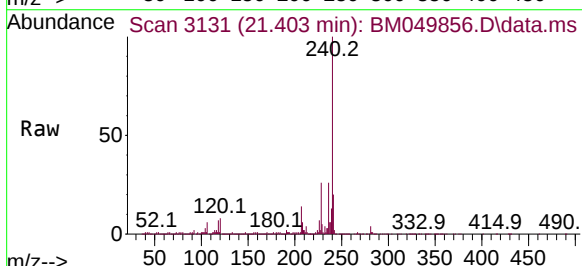
Tgt Ion:240 Resp: 1374864

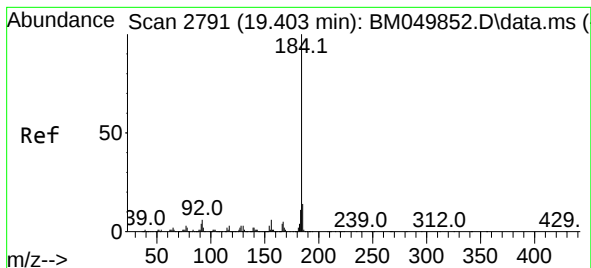
Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

236 25.8 20.4 30.6





#77

Benzidine

Concen: 37.866 ng

RT: 19.403 min Scan# 2791

Delta R.T. -0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

Instrument :

BNA\_M

ClientSampleId :

ICVBM040825

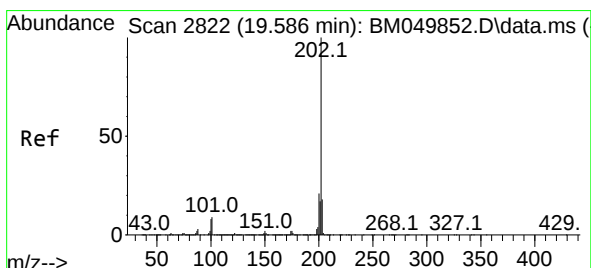
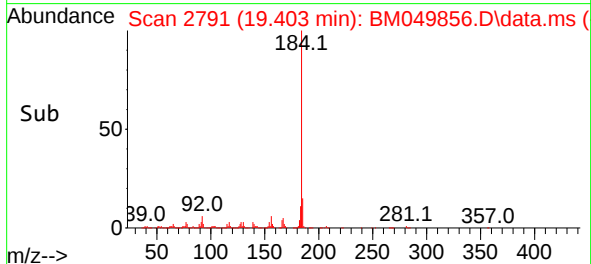
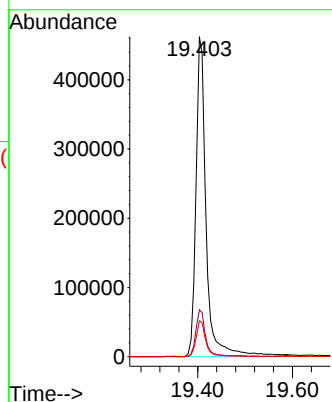
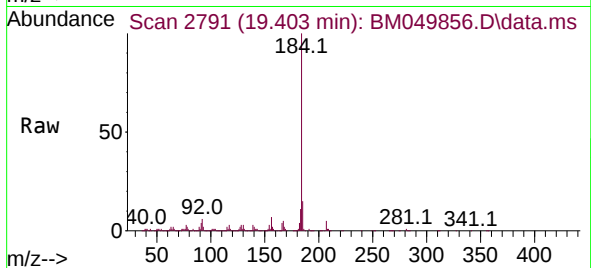
Tgt Ion:184 Resp: 690660

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.2

183 11.2 8.8 13.2



#78

Pyrene

Concen: 41.482 ng

RT: 19.586 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

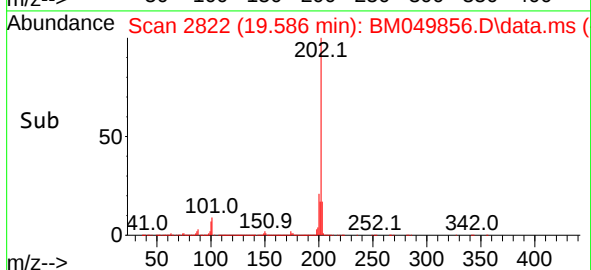
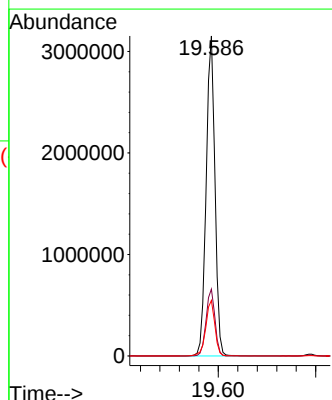
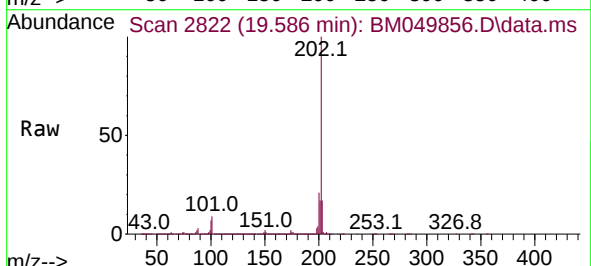
Tgt Ion:202 Resp: 3930574

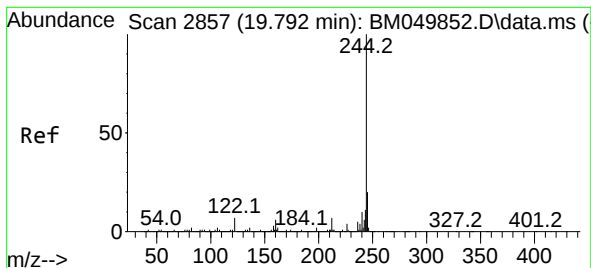
Ion Ratio Lower Upper

202 100

200 20.9 16.5 24.7

203 17.3 14.0 21.0





#79

Terphenyl-d14

Concen: 90.949 ng

RT: 19.792 min Scan# 2857

Delta R.T. 0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

Instrument :

BNA\_M

ClientSampleId :

ICVBM040825

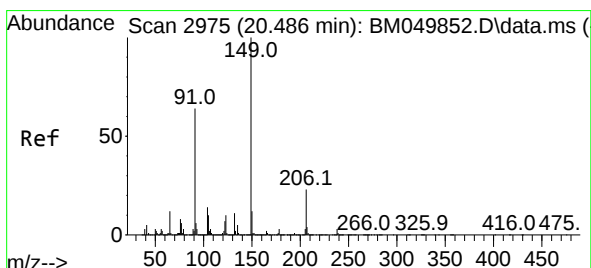
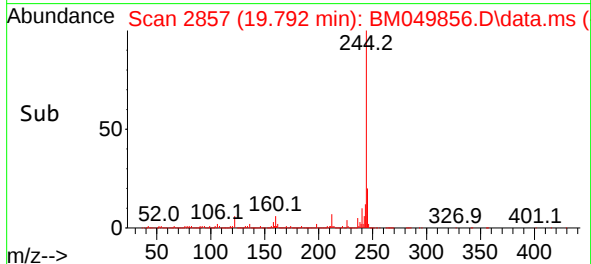
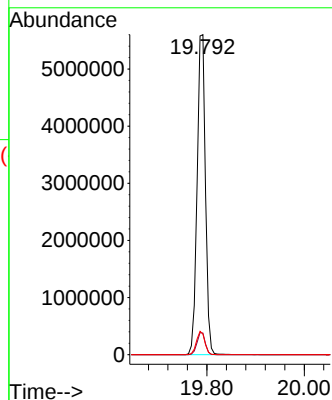
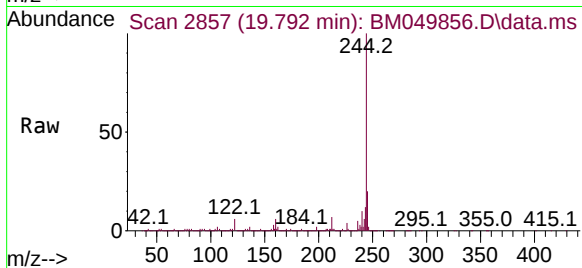
Tgt Ion:244 Resp: 6672291

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 6.5 5.4 8.0



#80

Butylbenzylphthalate

Concen: 40.807 ng

RT: 20.486 min Scan# 2975

Delta R.T. -0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

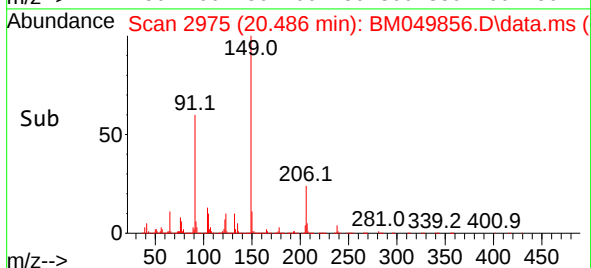
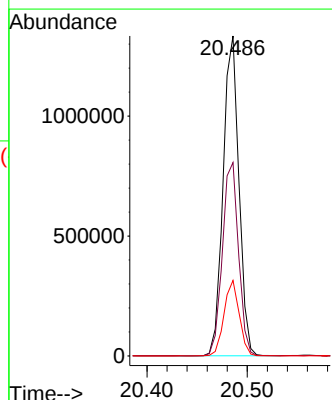
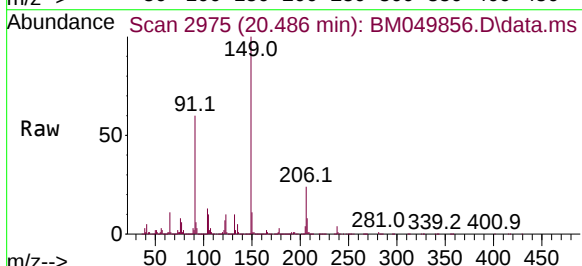
Tgt Ion:149 Resp: 1452887

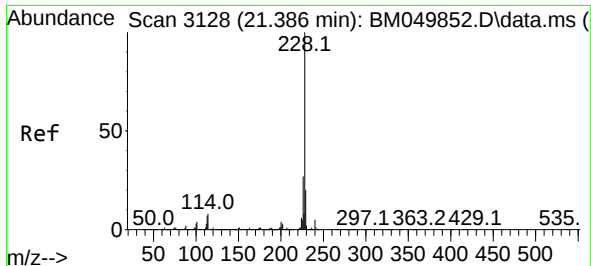
Ion Ratio Lower Upper

149 100

91 60.4 50.9 76.3

206 23.6 18.4 27.6

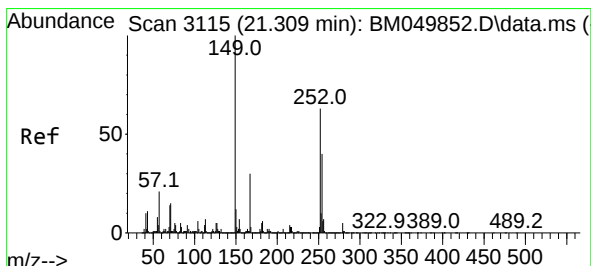
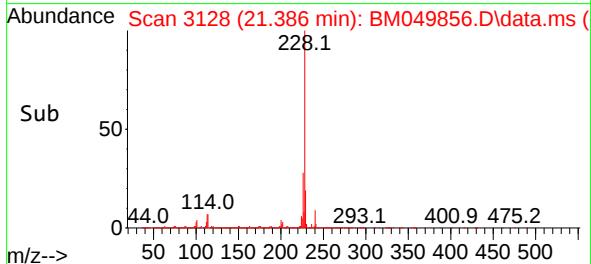
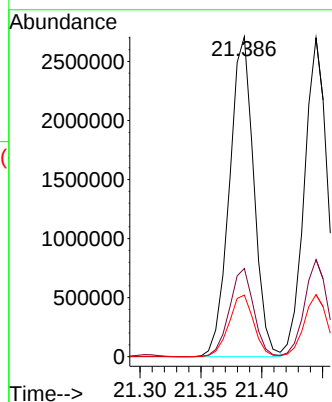
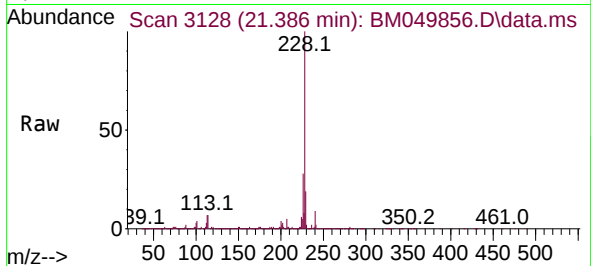




#81  
Benzo(a)anthracene  
Concen: 41.314 ng  
RT: 21.386 min Scan# 3114  
Delta R.T. -0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

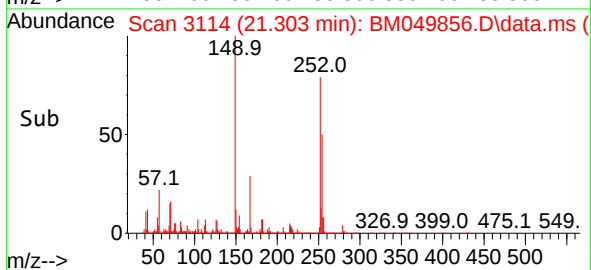
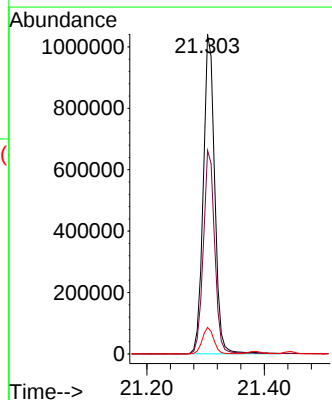
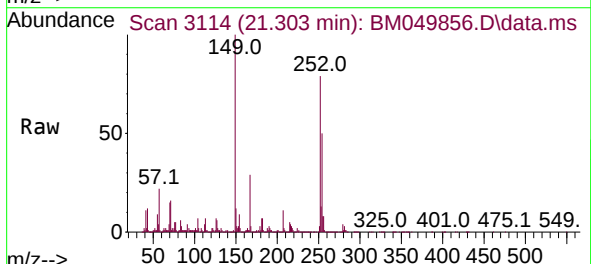
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

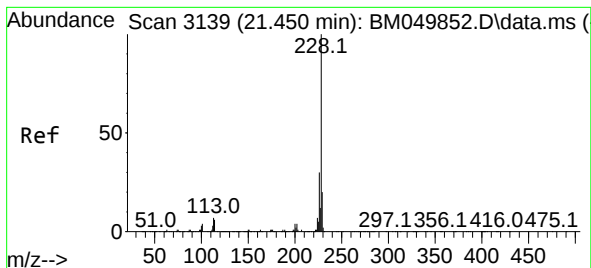
Tgt Ion:228 Resp: 3774940  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.8 32.8  
229 19.3 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 40.707 ng  
RT: 21.303 min Scan# 3114  
Delta R.T. -0.006 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:252 Resp: 1404639  
Ion Ratio Lower Upper  
252 100  
254 63.6 51.5 77.3  
126 8.3 6.3 9.5





#83

Chrysene

Concen: 41.037 ng

RT: 21.444 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

Instrument :

BNA\_M

ClientSampleId :

ICVBM040825

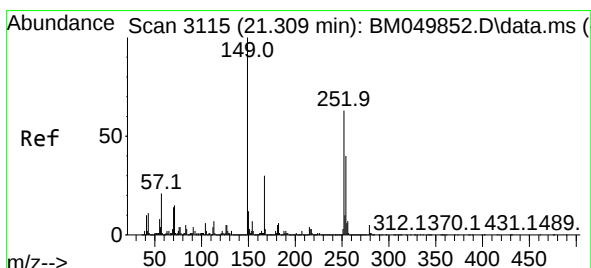
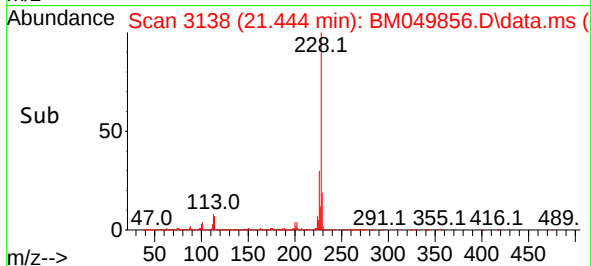
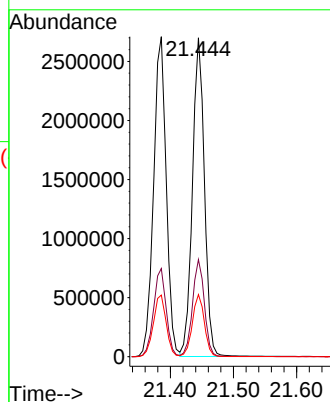
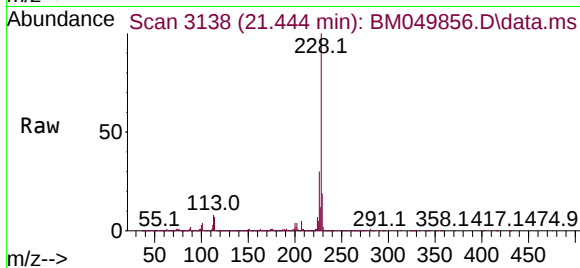
Tgt Ion:228 Resp: 3564842

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.067 ng

RT: 21.309 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

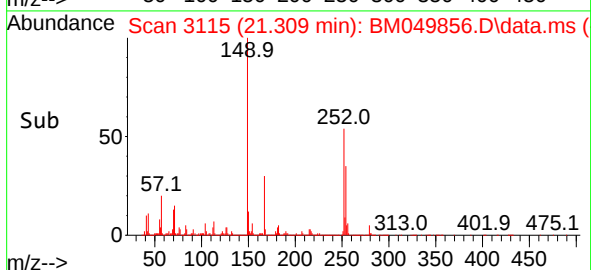
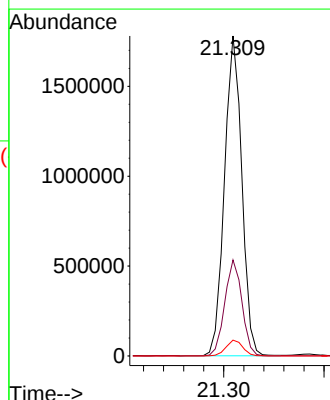
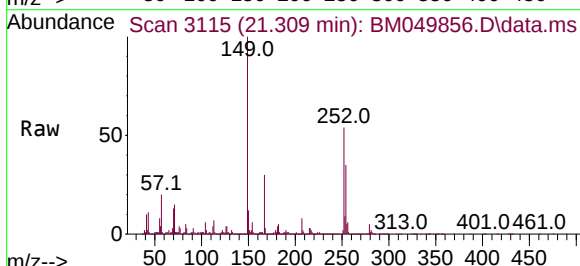
Tgt Ion:149 Resp: 2130265

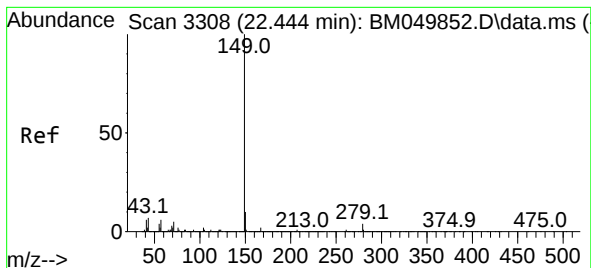
Ion Ratio Lower Upper

149 100

167 30.0 23.8 35.6

279 5.0 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 39.835 ng

RT: 22.444 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

Instrument :

BNA\_M

ClientSampleId :

ICVBM040825

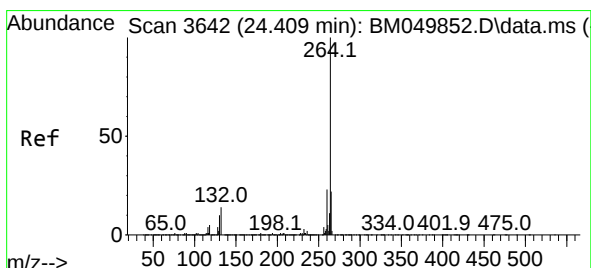
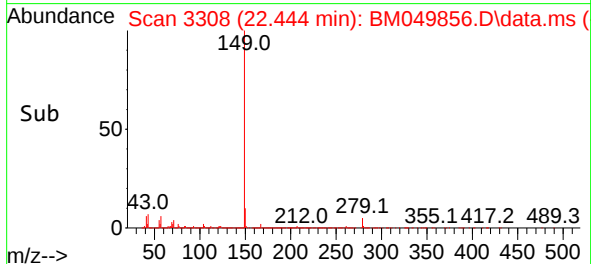
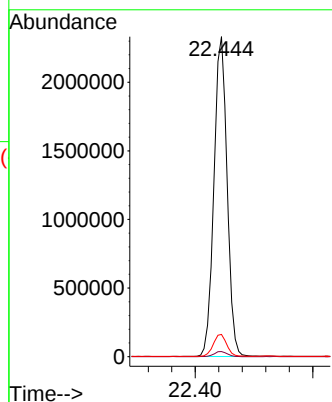
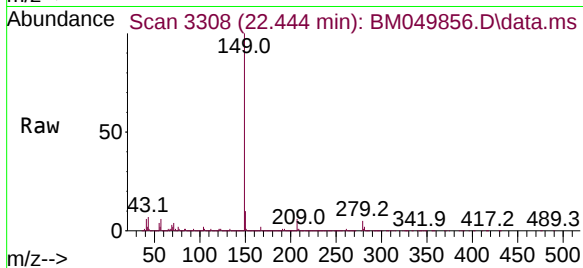
Tgt Ion:149 Resp: 3614929

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.1 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.397 min Scan# 3640

Delta R.T. -0.012 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

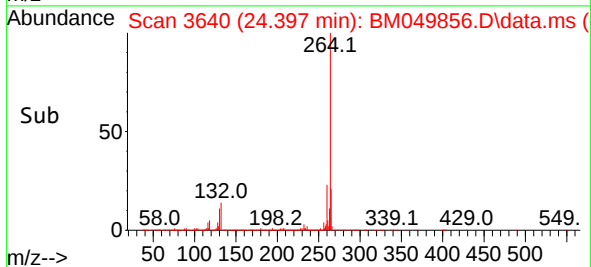
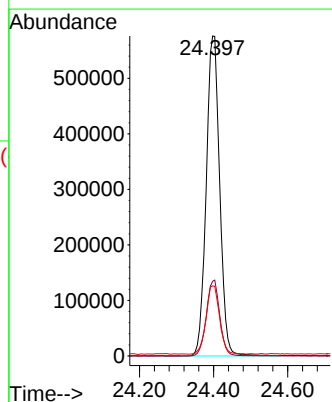
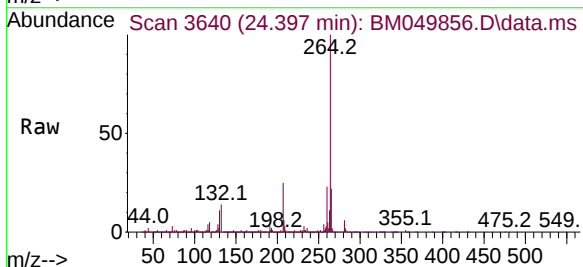
Tgt Ion:264 Resp: 1454417

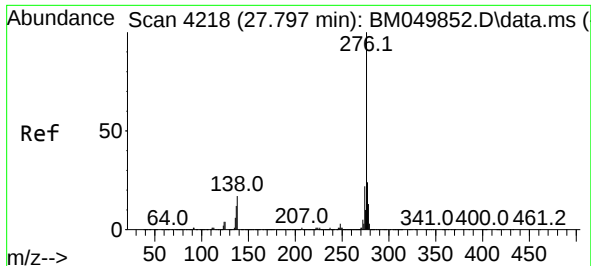
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.9 17.8 26.8

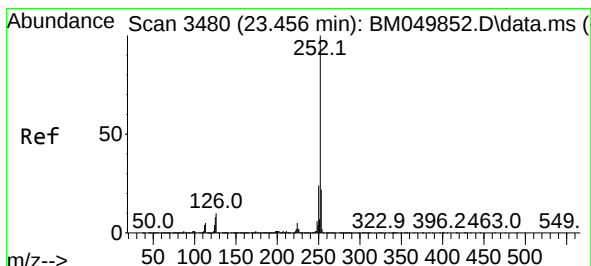
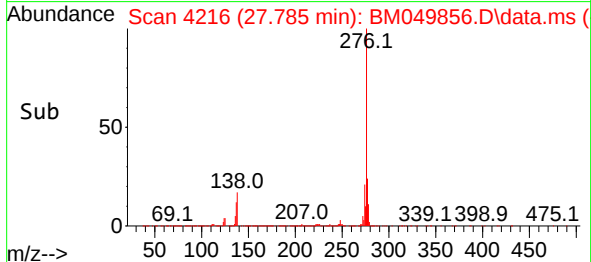
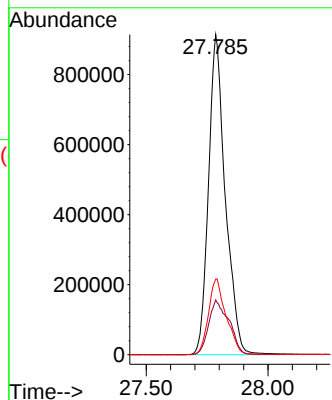
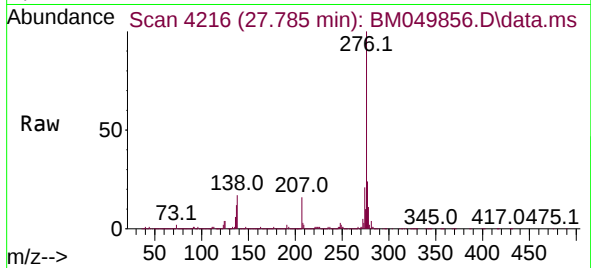




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.380 ng  
RT: 27.785 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

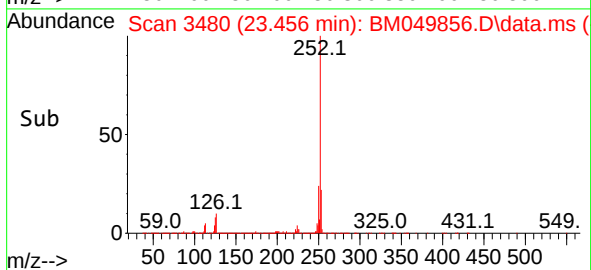
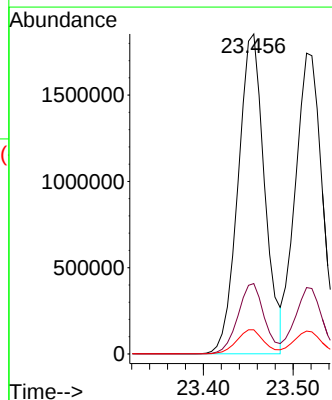
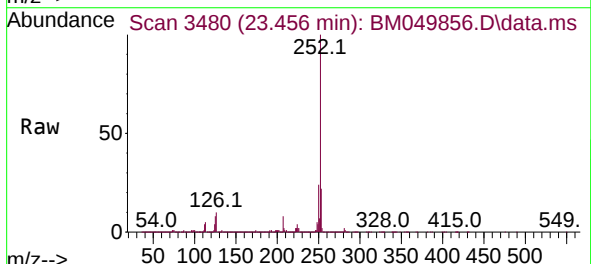
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040825

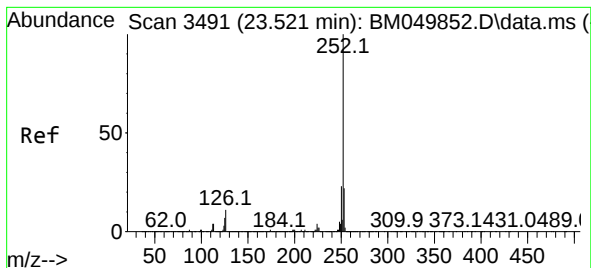
Tgt Ion:276 Resp: 4377775  
Ion Ratio Lower Upper  
276 100  
138 20.7 16.8 25.2  
277 25.0 20.1 30.1



#88  
Benzo(b)fluoranthene  
Concen: 40.988 ng  
RT: 23.456 min Scan# 3480  
Delta R.T. 0.000 min  
Lab File: BM049856.D  
Acq: 08 Apr 2025 20:47

Tgt Ion:252 Resp: 3807278  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 7.6 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 40.442 ng

RT: 23.515 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

Instrument :

BNA\_M

ClientSampleId :

ICVBM040825

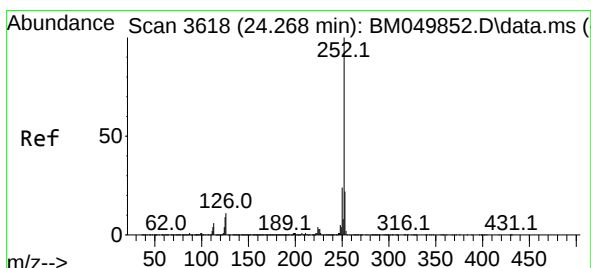
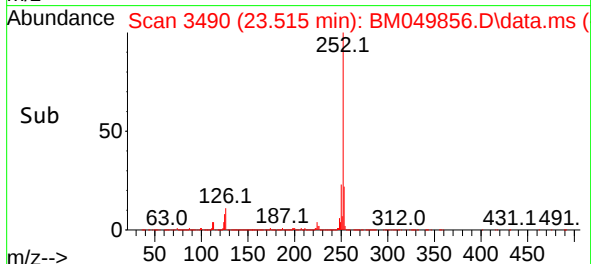
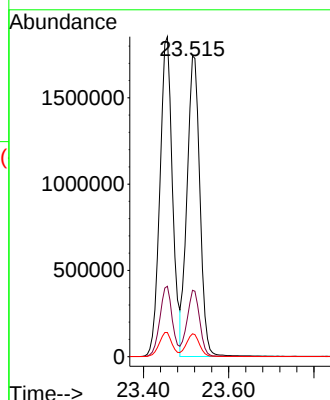
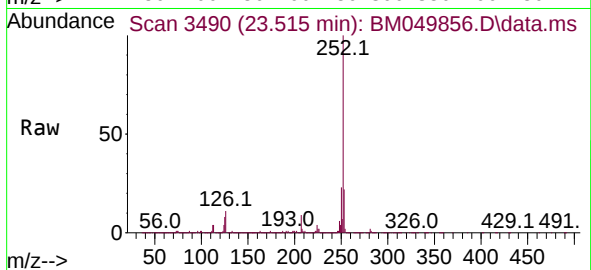
Tgt Ion:252 Resp: 3640395

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 7.6 5.8 8.8



#90

Benzo(a)pyrene

Concen: 40.389 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.006 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

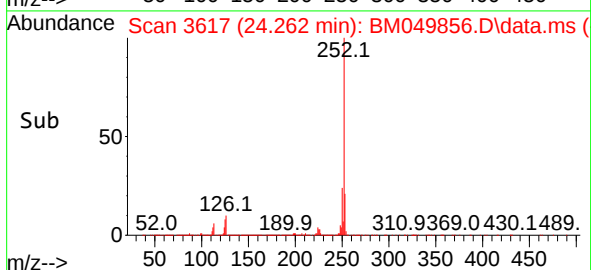
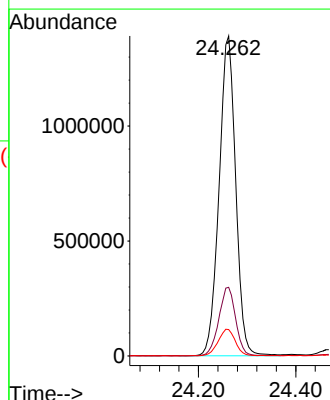
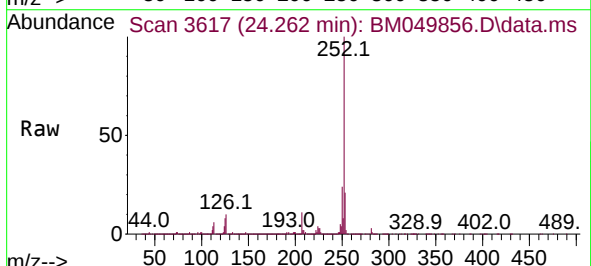
Tgt Ion:252 Resp: 3296735

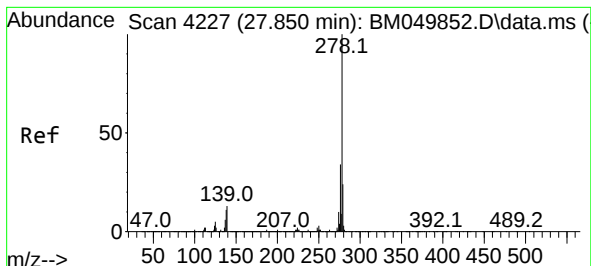
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 8.3 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 40.189 ng

RT: 27.844 min Scan# 4396

Delta R.T. -0.006 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

Instrument :

BNA\_M

ClientSampleId :

ICVBM040825

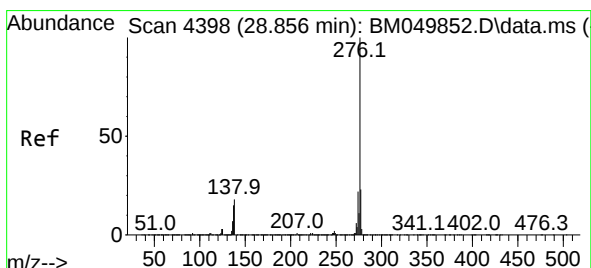
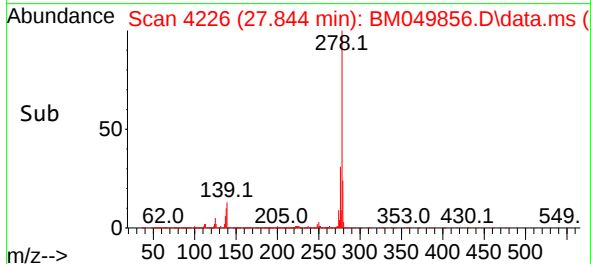
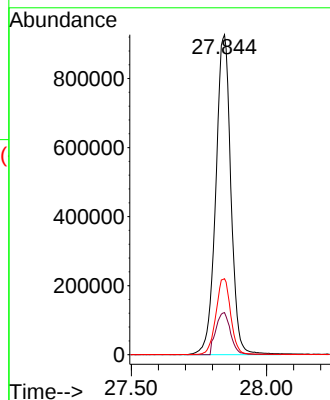
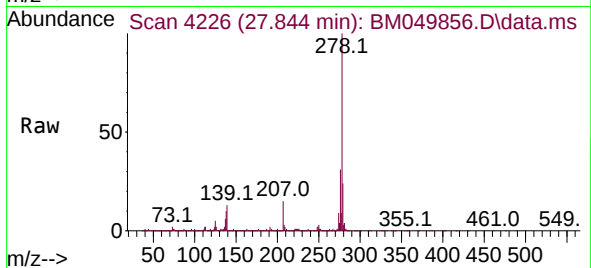
Tgt Ion:278 Resp: 3588859

Ion Ratio Lower Upper

278 100

139 13.2 10.6 15.8

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 40.085 ng

RT: 28.844 min Scan# 4396

Delta R.T. -0.012 min

Lab File: BM049856.D

Acq: 08 Apr 2025 20:47

Tgt Ion:276 Resp: 3657794

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 18.2 14.6 21.8

