

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090424\  
 Data File : BM047434.D  
 Acq On : 04 Sep 2024 11:50  
 Operator : RC/JU  
 Sample : PB163106BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 04 12:51:55 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM082624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 26 18:11:40 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.340  | 152  | 356618   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.098 | 136  | 1352190  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.010 | 164  | 899493   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.774 | 188  | 1863503  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.027 | 240  | 1391196  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.727 | 264  | 1244257  | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.010  | 112  | 2313522  | 124.464 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.575  | 99   | 2976696  | 117.556 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.498  | 82   | 1932272  | 79.289  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.527 | 330  | 1341644  | 123.628 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.616 | 172  | 4672550  | 79.816  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.445 | 244  | 7023063  | 89.856  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.016  | 88   | 208847   | 27.450  | ng    | 97       |
| 3) Pyridine                   | 3.387  | 79   | 542050   | 25.670  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.311  | 42   | 342219   | 39.793  | ng    | 100      |
| 6) Aniline                    | 6.699  | 93   | 549376   | 23.955  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.928  | 128  | 969133   | 46.582  | ng    | 97       |
| 9) Benzaldehyde               | 6.516  | 77   | 126682   | 6.703   | ng    | 96       |
| 10) Phenol                    | 6.604  | 94   | 1109188  | 44.523  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.798  | 93   | 895767   | 41.491  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.228  | 146  | 1044481  | 41.055  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.375  | 146  | 1064560  | 41.318  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.687  | 146  | 1032554  | 42.288  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.604  | 79   | 840299   | 47.867  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.863  | 45   | 1042889  | 40.287  | ng    | 98       |
| 17) 2-Methylphenol            | 7.816  | 107  | 767046   | 44.316  | ng    | 99       |
| 18) Hexachloroethane          | 8.387  | 117  | 399944   | 41.524  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.157  | 70   | 666676   | 38.301  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.145  | 107  | 1027923  | 42.713  | ng    | 97       |
| 22) Acetophenone              | 8.169  | 105  | 1220133  | 38.881  | ng    | # 99     |
| 24) Nitrobenzene              | 8.540  | 77   | 1010587  | 40.320  | ng    | 97       |
| 25) Isophorone                | 9.063  | 82   | 1904799  | 41.355  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.240  | 139  | 580514   | 47.087  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.322  | 122  | 688528   | 49.477  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.545  | 93   | 1190270  | 42.200  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 9.781  | 162  | 1037933  | 48.081  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 9.969  | 180  | 1080733  | 43.344  | ng    | 99       |
| 31) Naphthalene               | 10.145 | 128  | 2765167  | 41.869  | ng    | 100      |
| 32) Benzoic acid              | 9.569  | 122  | 645160   | 38.825  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.287 | 127  | 712800   | 29.027  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.422 | 225  | 687312   | 44.138  | ng    | 99       |
| 35) Caprolactam               | 11.122 | 113  | 172646   | 24.688  | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 11.451 | 107  | 973707   | 44.417  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 11.775 | 142  | 2031001  | 42.177  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.004 | 142  | 1893469  | 39.757  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.163 | 216  | 1136852  | 42.682  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.122 | 237  | 728033   | 86.605  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.428 | 196  | 861606   | 47.188  | ng    | 98       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.528 | 196  | 871923   | 42.998 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 12.828 | 154  | 2460937  | 39.182 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 12.869 | 162  | 2049375  | 41.637 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.104 | 65   | 600259   | 43.538 | ng    | 95       |
| 49) Acenaphthylene            | 13.727 | 152  | 3246170  | 45.379 | ng    | 99       |
| 50) Dimethylphthalate         | 13.486 | 163  | 2734287  | 44.117 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.616 | 165  | 627803   | 43.505 | ng    | 97       |
| 52) Acenaphthene              | 14.075 | 154  | 1908678  | 42.031 | ng    | 99       |
| 53) 3-Nitroaniline            | 13.957 | 138  | 508032   | 38.152 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.186 | 184  | 774005   | 87.096 | ng    | 95       |
| 55) Dibenzofuran              | 14.416 | 168  | 3184924  | 43.543 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.327 | 139  | 851948   | 81.850 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.427 | 165  | 821933   | 44.000 | ng    | # 88     |
| 58) Fluorene                  | 15.074 | 166  | 2509235  | 42.387 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.669 | 232  | 771489   | 46.320 | ng    | 97       |
| 60) Diethylphthalate          | 14.874 | 149  | 2637912  | 43.148 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.074 | 204  | 1328668  | 44.121 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.139 | 138  | 542745   | 44.061 | ng    | 98       |
| 63) Azobenzene                | 15.369 | 77   | 2228335  | 41.856 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.210 | 198  | 528819   | 46.235 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.304 | 169  | 2226201  | 43.659 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 15.974 | 248  | 873990   | 44.457 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.086 | 284  | 979056   | 43.119 | ng    | 96       |
| 69) Atrazine                  | 16.274 | 200  | 634707   | 38.082 | ng    | 100      |
| 70) Pentachlorophenol         | 16.445 | 266  | 1192828  | 81.255 | ng    | 98       |
| 71) Phenanthrene              | 16.821 | 178  | 3986491  | 44.050 | ng    | 99       |
| 72) Anthracene                | 16.910 | 178  | 3946856  | 44.738 | ng    | 100      |
| 73) Carbazole                 | 17.198 | 167  | 3730791  | 44.069 | ng    | 100      |
| 74) Di-n-butylphthalate       | 17.768 | 149  | 4568250  | 44.314 | ng    | 100      |
| 75) Fluoranthene              | 18.857 | 202  | 4685325  | 44.092 | ng    | 100      |
| 77) Benzidine                 | 19.074 | 184  | 367704   | 15.834 | ng    | 99       |
| 78) Pyrene                    | 19.227 | 202  | 4769059  | 44.696 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.156 | 149  | 1957096  | 46.872 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.009 | 228  | 4097434  | 45.163 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 20.951 | 252  | 1240781  | 40.657 | ng    | # 98     |
| 83) Chrysene                  | 21.068 | 228  | 3816286  | 44.718 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 20.951 | 149  | 2583406  | 43.776 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 21.980 | 149  | 4440989  | 44.710 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.756 | 276  | 3893979  | 49.993 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 22.886 | 252  | 3686725  | 50.787 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.939 | 252  | 3701960  | 53.795 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.603 | 252  | 3334980  | 53.124 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.785 | 278  | 3167036  | 50.190 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.691 | 276  | 3107259  | 47.367 | ng    | 97       |

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

BNA M

**ClientSampleId :**

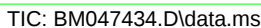
Quant Time: Sep 04 12:51:55 2024

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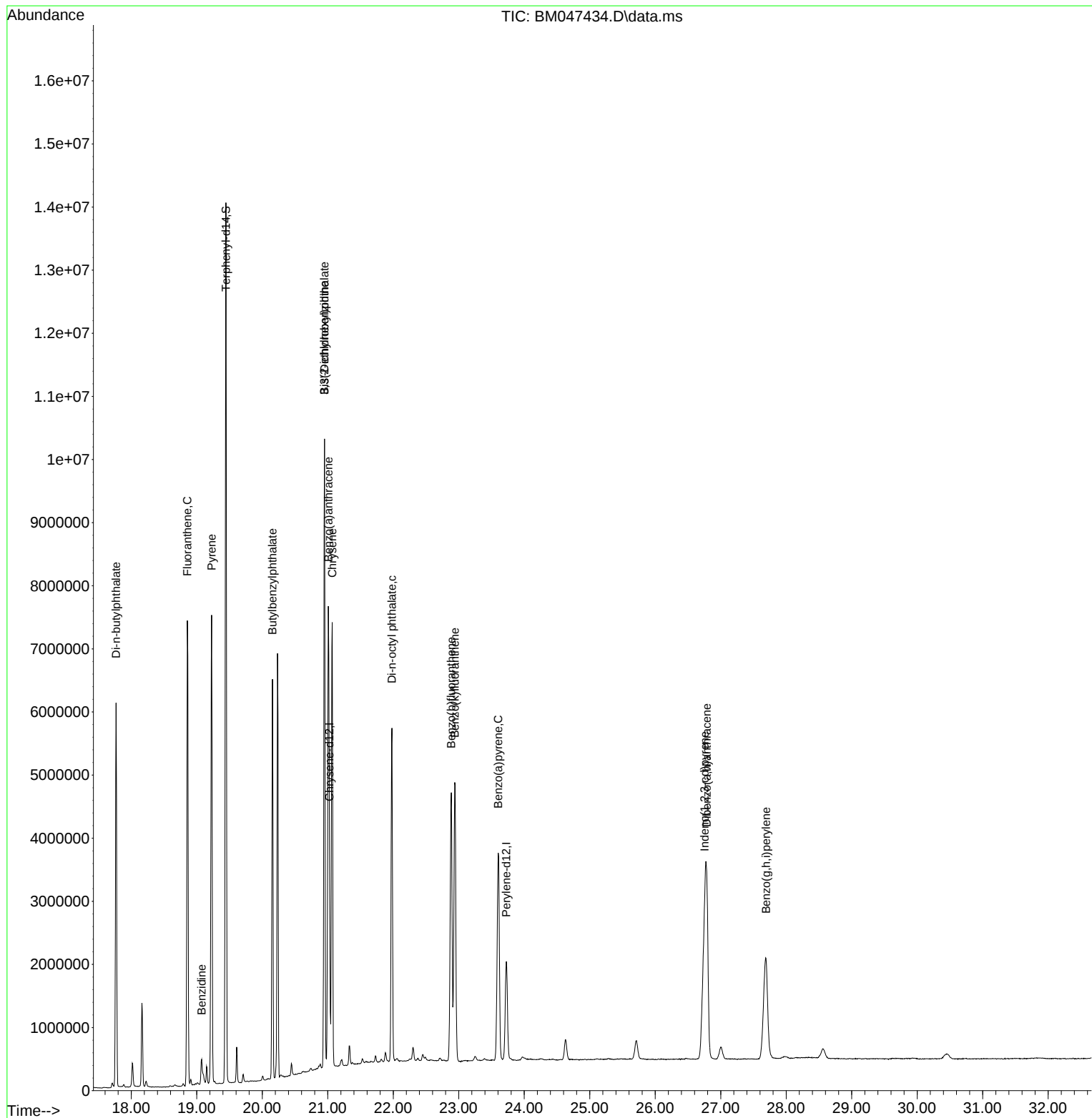
Response via : Initial Calibration

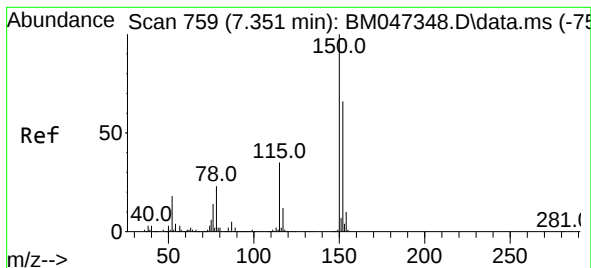


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.340 min Scan# 7

Delta R.T. -0.011 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

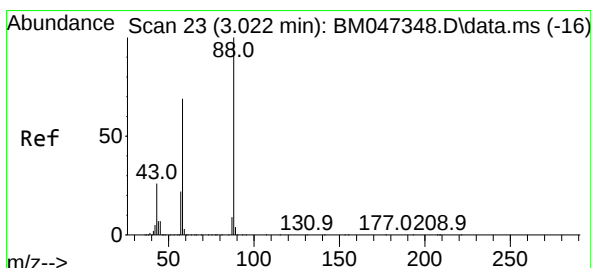
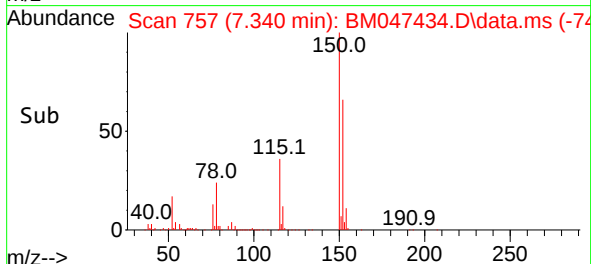
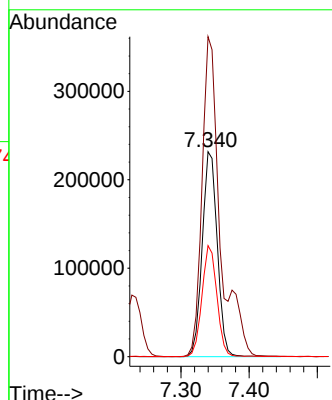
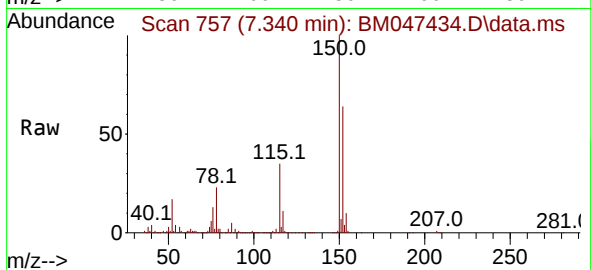
Tgt Ion:152 Resp: 356618

Ion Ratio Lower Upper

152 100

150 156.2 121.3 181.9

115 54.2 42.6 64.0



#2

1,4-Dioxane

Concen: 27.450 ng

RT: 3.016 min Scan# 22

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

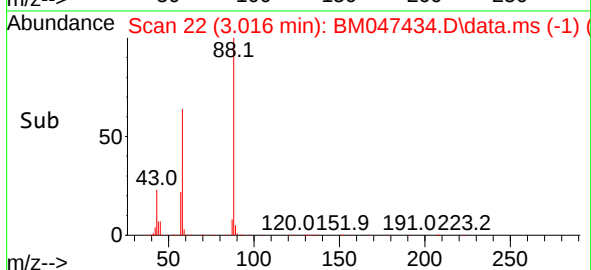
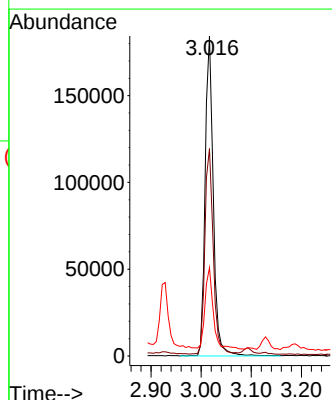
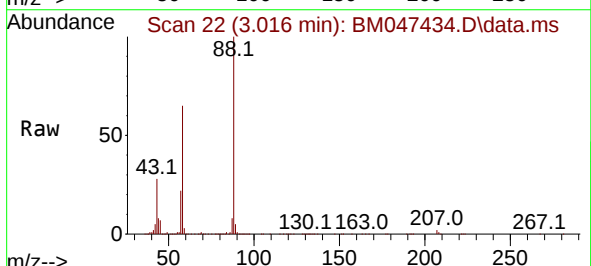
Tgt Ion: 88 Resp: 208847

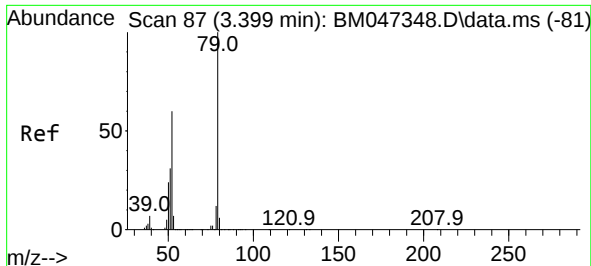
Ion Ratio Lower Upper

88 100

58 65.7 55.4 83.0

43 25.5 20.7 31.1



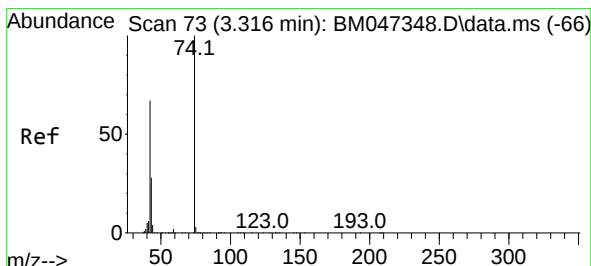
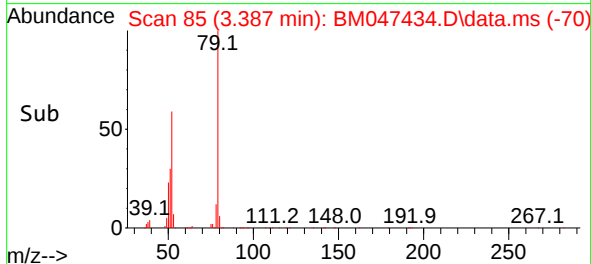
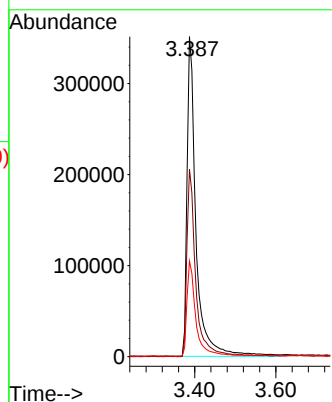
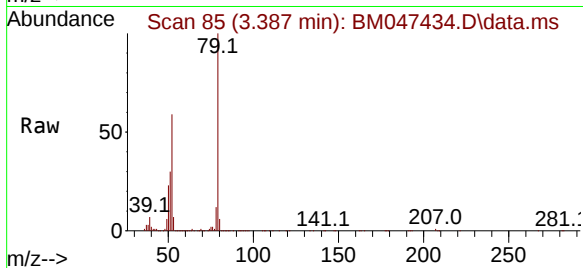


#3  
 Pyridine  
 Concen: 25.670 ng  
 RT: 3.387 min Scan# 81  
 Delta R.T. -0.012 min  
 Lab File: BM047434.D  
 Acq: 04 Sep 2024 11:50

Instrument :  
 BNA\_M  
 ClientSampleId :

Tgt Ion: 79 Resp: 542050  

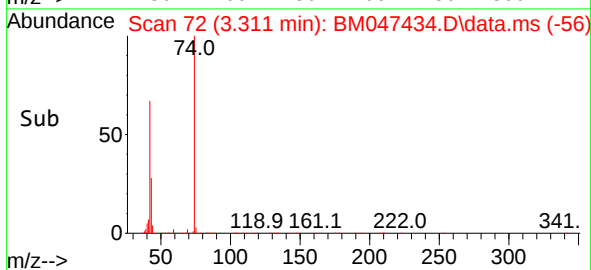
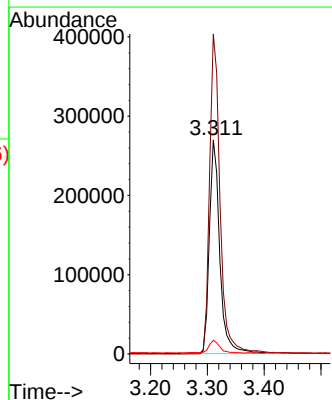
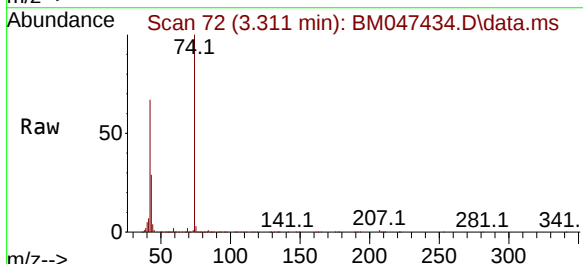
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 58.6  | 47.8  | 71.6  |
| 51  | 29.9  | 25.0  | 37.4  |



#4  
 n-Nitrosodimethylamine  
 Concen: 39.793 ng  
 RT: 3.311 min Scan# 72  
 Delta R.T. -0.006 min  
 Lab File: BM047434.D  
 Acq: 04 Sep 2024 11:50

Tgt Ion: 42 Resp: 342219  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 149.4 | 119.2 | 178.8 |
| 44  | 6.3   | 5.2   | 7.8   |

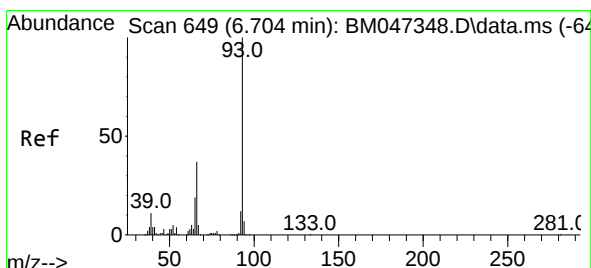
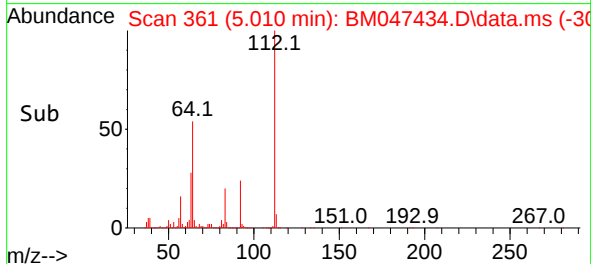
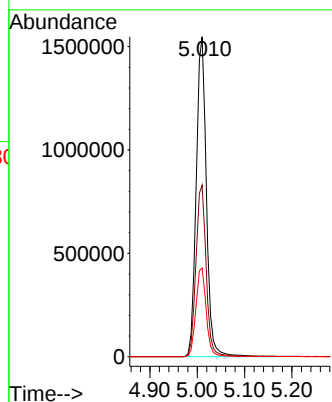
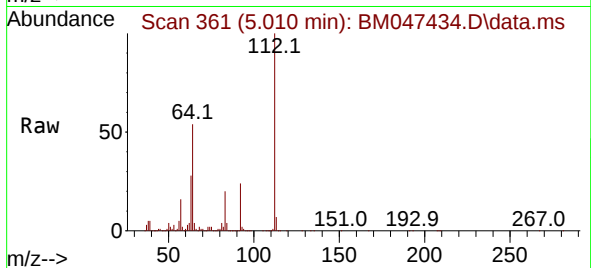




#5  
2-Fluorophenol  
Concen: 124.464 ng  
RT: 5.010 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

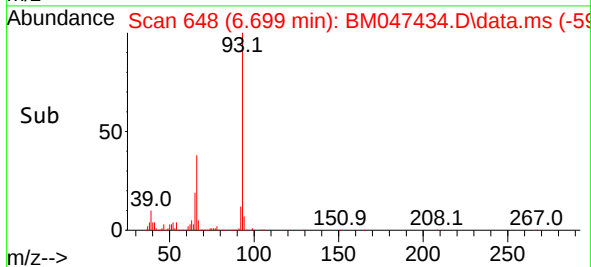
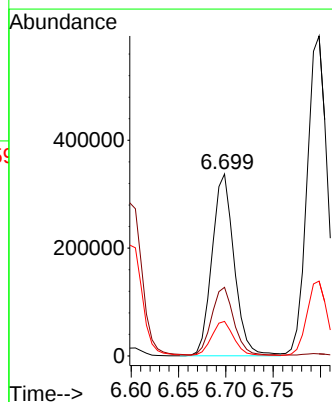
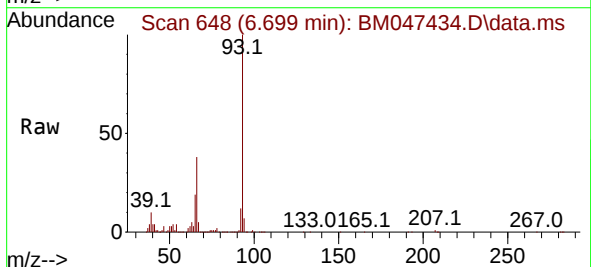
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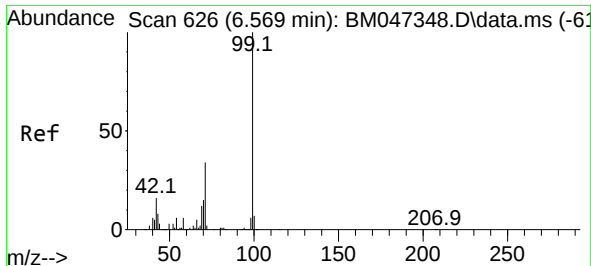
Tgt Ion:112 Resp: 2313522  
Ion Ratio Lower Upper  
112 100  
64 53.6 45.7 68.5  
63 27.7 23.8 35.8



#6  
Aniline  
Concen: 23.955 ng  
RT: 6.699 min Scan# 648  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion: 93 Resp: 549376  
Ion Ratio Lower Upper  
93 100  
66 37.8 30.0 45.0  
65 19.1 15.5 23.3

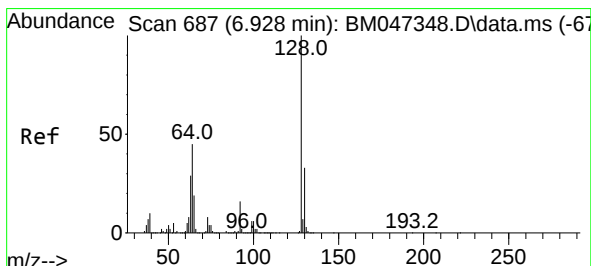
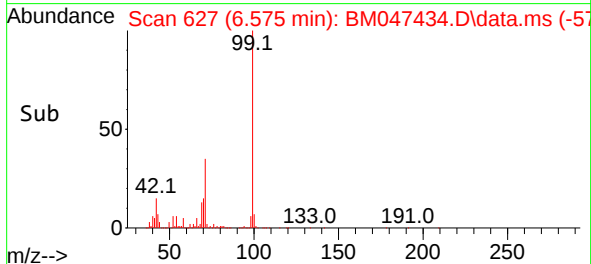
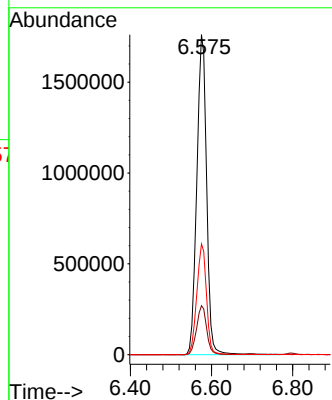
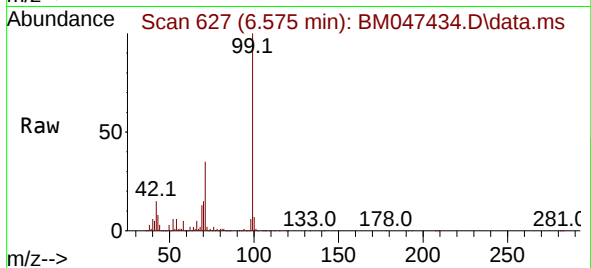




#7  
Phenol-d6  
Concen: 117.556 ng  
RT: 6.575 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM047434.D  
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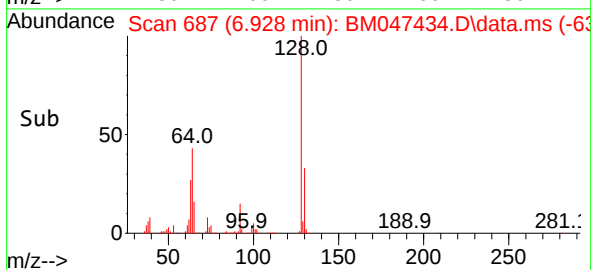
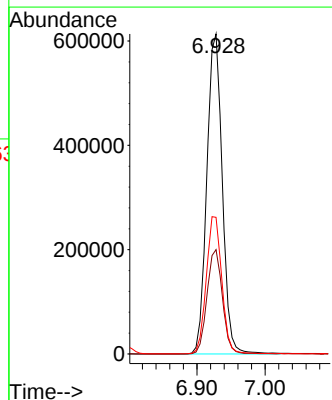
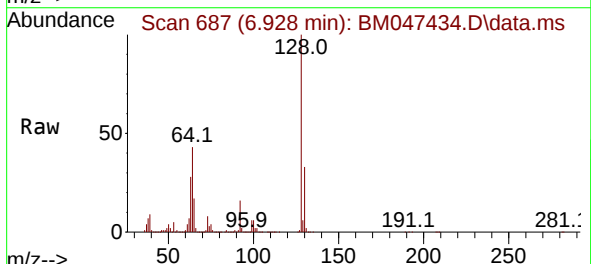
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ClientSampleId :

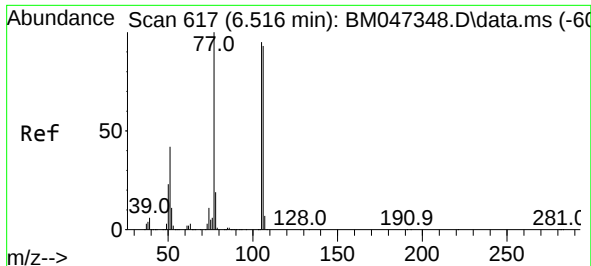
Tgt Ion: 99 Resp: 2976696  
Ion Ratio Lower Upper  
99 100  
42 15.3 13.0 19.4  
71 34.6 27.5 41.3



#8  
2-Chlorophenol  
Concen: 46.582 ng  
RT: 6.928 min Scan# 687  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion:128 Resp: 969133  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.9 52.9  
64 42.7 25.3 65.3

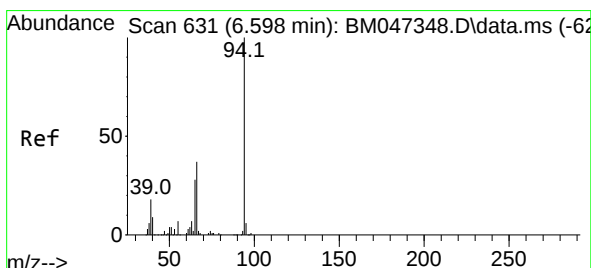
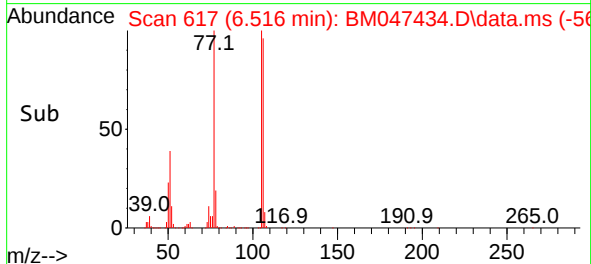
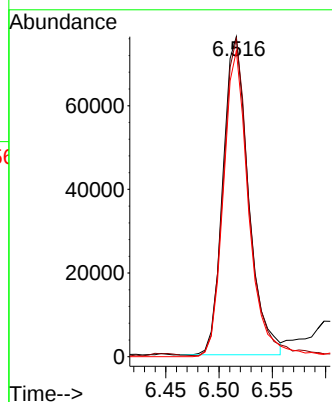
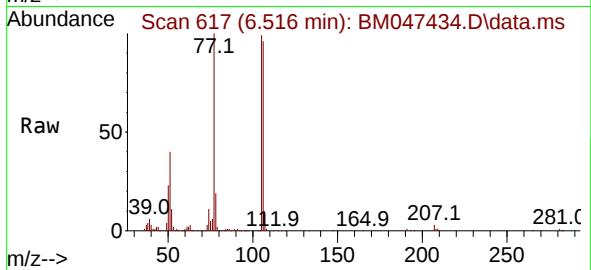




#9  
Benzaldehyde  
Concen: 6.703 ng  
RT: 6.516 min Scan# 617  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

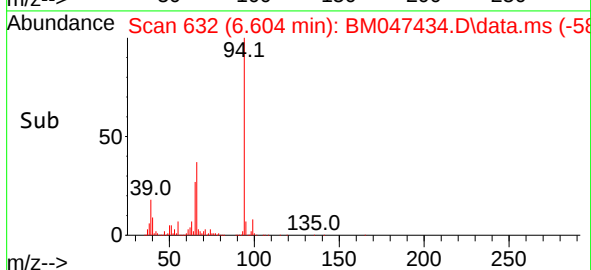
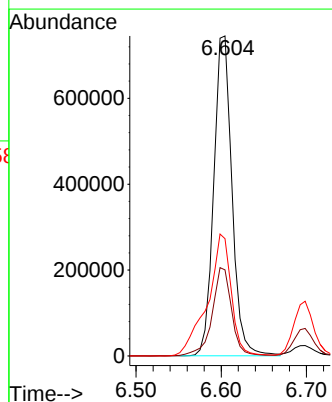
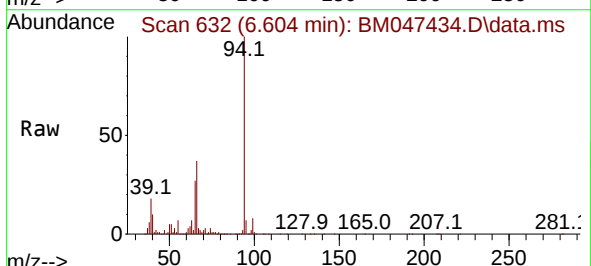
Instrument :  
BNA\_M  
ClientSampleId :

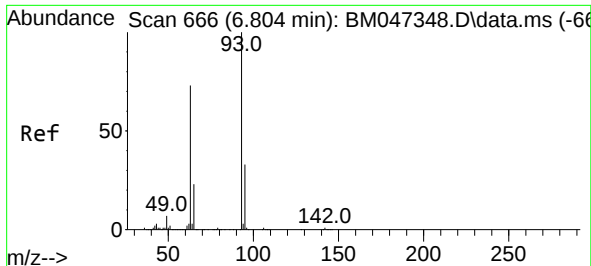
Tgt Ion: 77 Resp: 126682  
Ion Ratio Lower Upper  
77 100  
105 99.4 74.9 114.9  
106 95.6 72.6 112.6



#10  
Phenol  
Concen: 44.523 ng  
RT: 6.604 min Scan# 632  
Delta R.T. 0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion: 94 Resp: 1109188  
Ion Ratio Lower Upper  
94 100  
65 26.9 7.9 47.9  
66 36.7 17.3 57.3

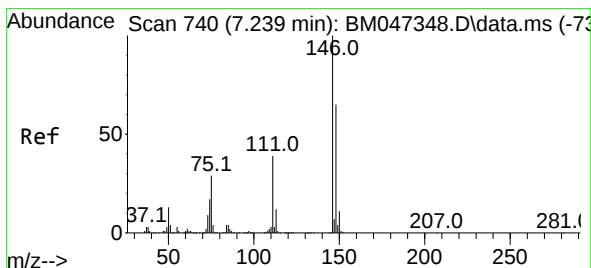
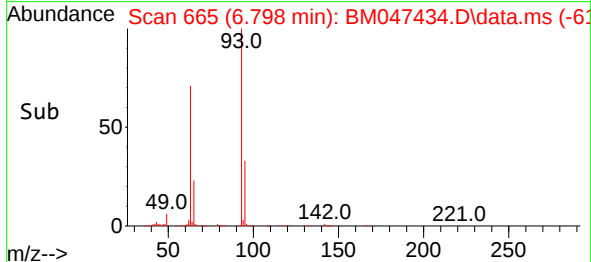
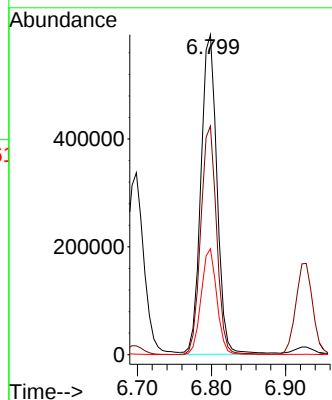
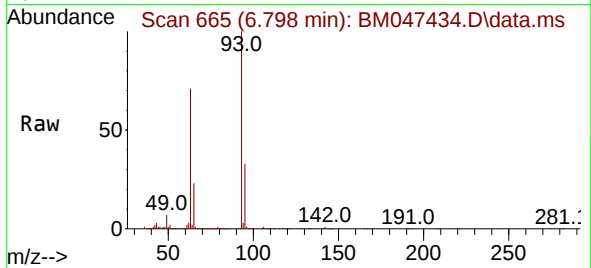




#11  
bis(2-Chloroethyl)ether  
Concen: 41.491 ng  
RT: 6.798 min Scan# 666  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

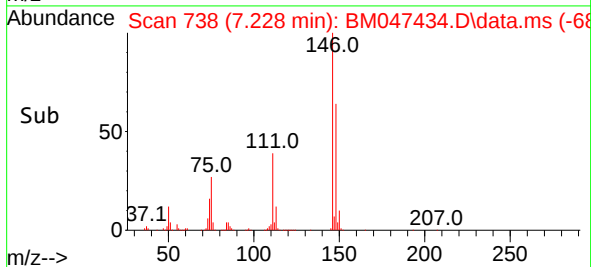
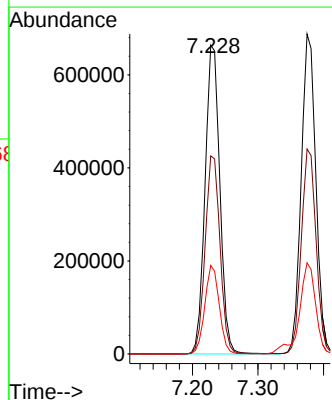
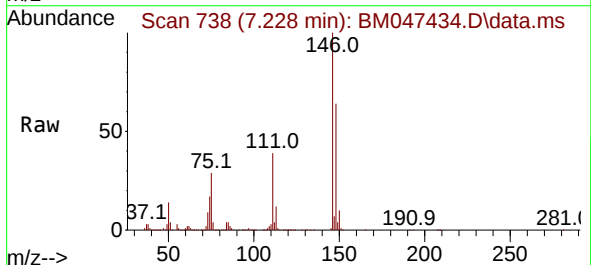
Instrument :  
BNA\_M  
ClientSampleId :

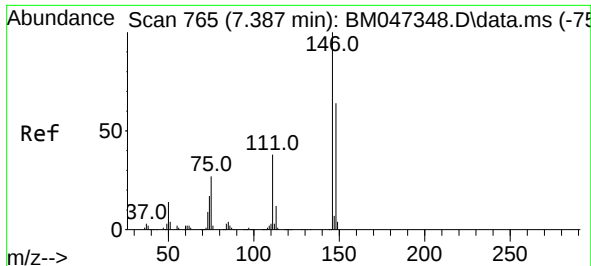
Tgt Ion: 93 Resp: 895767  
Ion Ratio Lower Upper  
93 100  
63 71.5 52.2 92.2  
95 33.1 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 41.055 ng  
RT: 7.228 min Scan# 738  
Delta R.T. -0.012 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion: 146 Resp: 1044481  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.6 77.4  
75 28.6 23.3 34.9

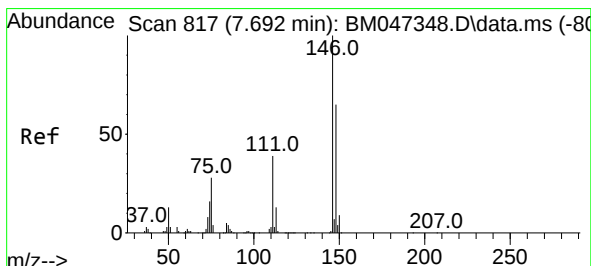
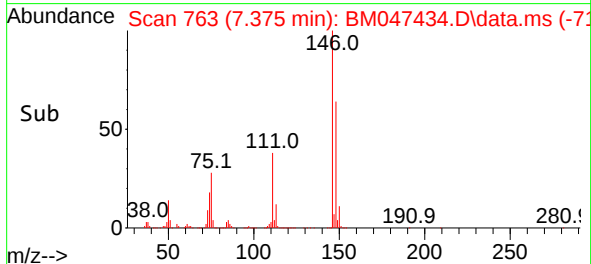
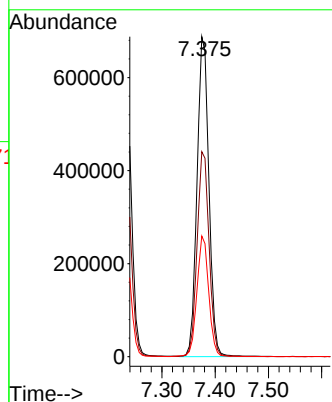
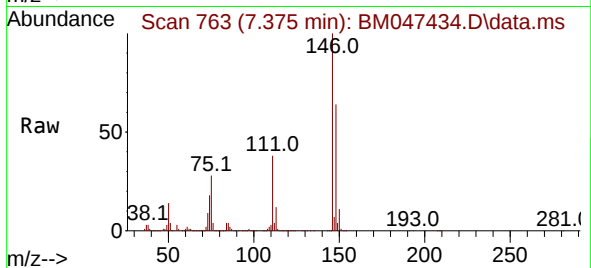




#13  
1,4-Dichlorobenzene  
Concen: 41.318 ng  
RT: 7.375 min Scan# 763  
Delta R.T. -0.012 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

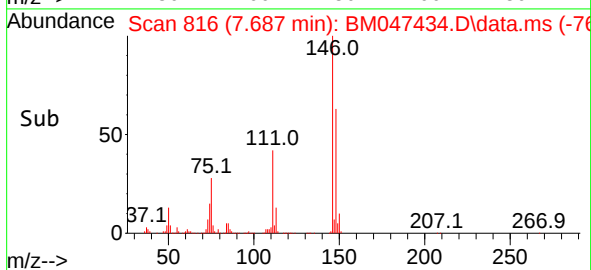
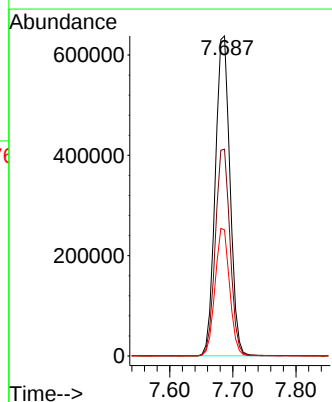
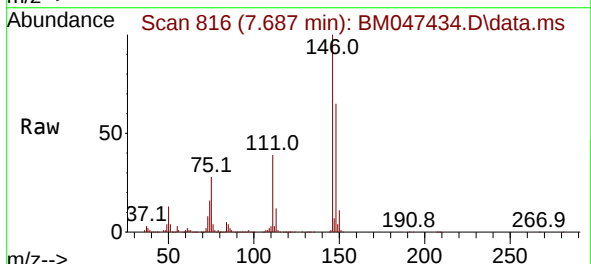
Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion:146 Resp: 1064560  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.0 76.6  
111 37.7 30.2 45.2



#14  
1,2-Dichlorobenzene  
Concen: 42.288 ng  
RT: 7.687 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion:146 Resp: 1032554  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.8 77.6  
111 39.4 31.7 47.5

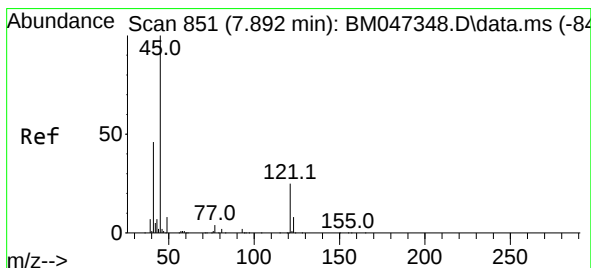
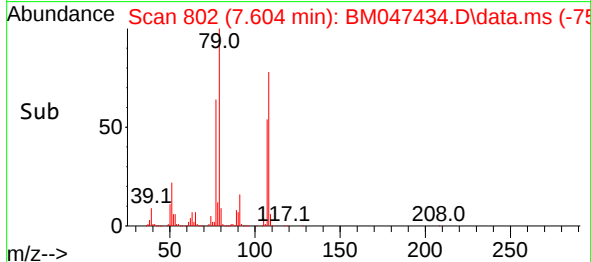
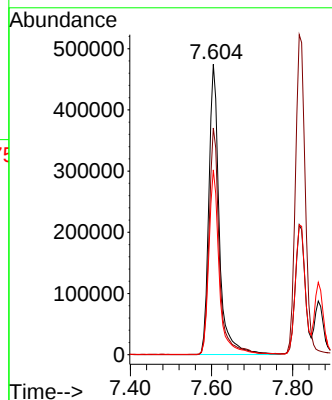
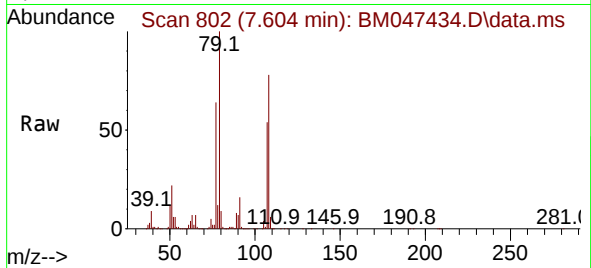




#15  
Benzyl Alcohol  
Concen: 47.867 ng  
RT: 7.604 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

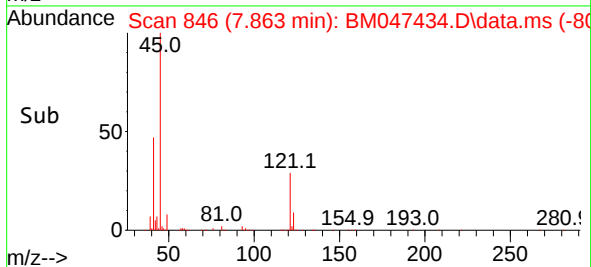
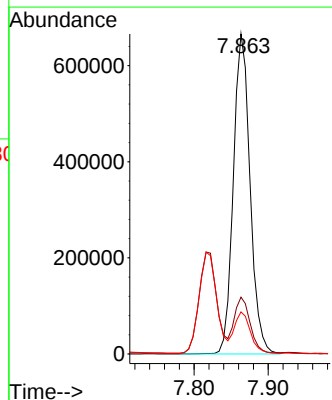
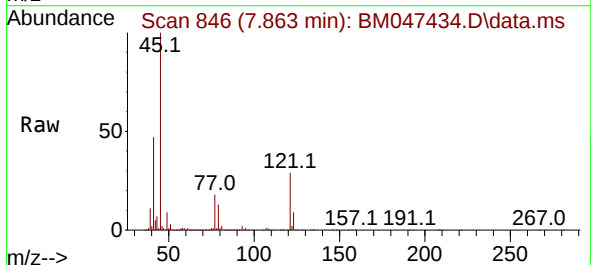
Instrument :  
BNA\_M  
ClientSampleId :

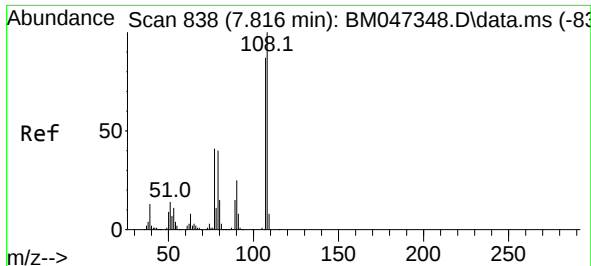
Tgt Ion: 79 Resp: 840299  
Ion Ratio Lower Upper  
79 100  
108 78.1 61.1 91.7  
77 63.6 51.9 77.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.287 ng  
RT: 7.863 min Scan# 846  
Delta R.T. -0.029 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion: 45 Resp: 1042889  
Ion Ratio Lower Upper  
45 100  
77 17.7 0.0 36.7  
79 13.2 0.0 33.0

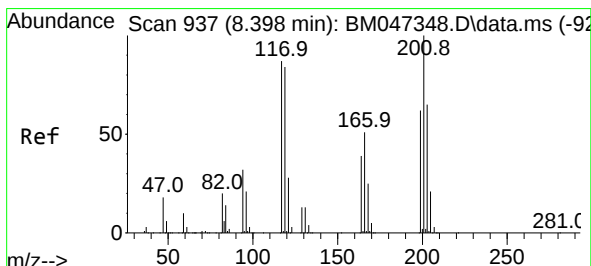
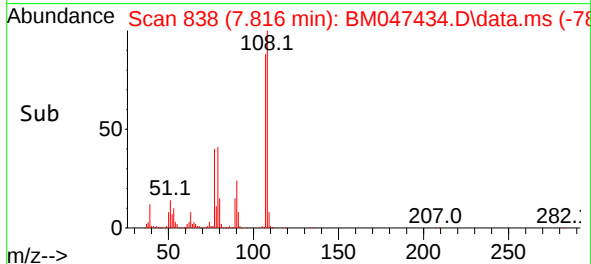
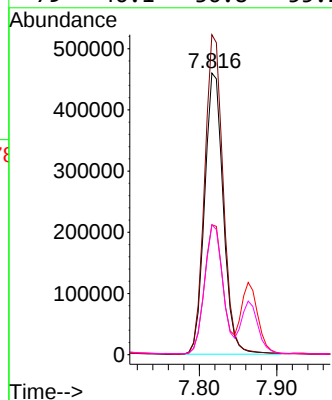
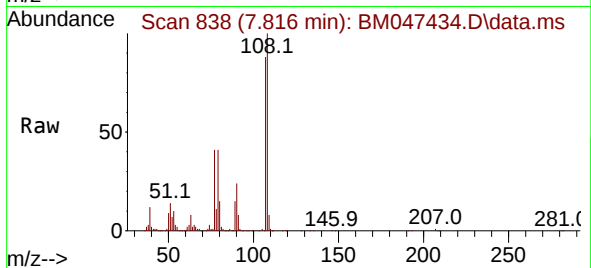




#17  
2-Methylphenol  
Concen: 44.316 ng  
RT: 7.816 min Scan# 838  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

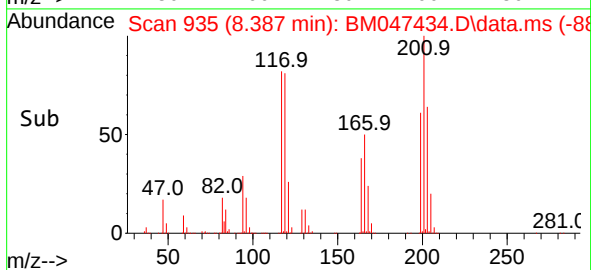
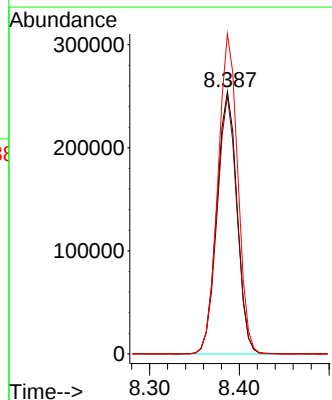
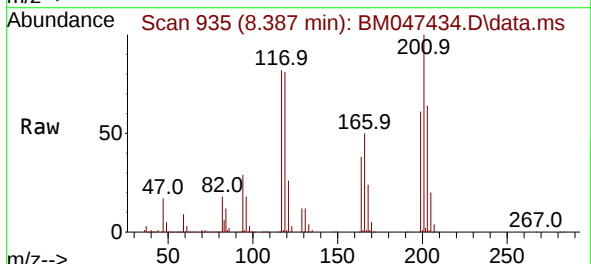
Instrument :  
BNA\_M  
ClientSampleId :

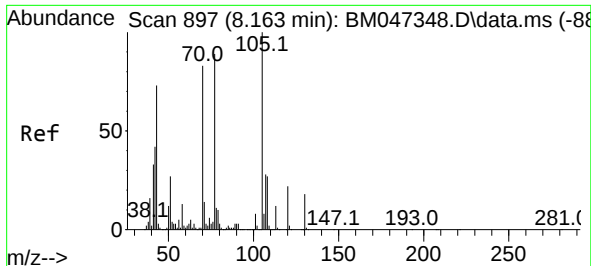
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 767046 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.6 | 91.6  | 137.4  |
| 77       | 46.1  | 38.0  | 57.0   |
| 79       | 46.1  | 36.8  | 55.2   |



#18  
Hexachloroethane  
Concen: 41.524 ng  
RT: 8.387 min Scan# 935  
Delta R.T. -0.012 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

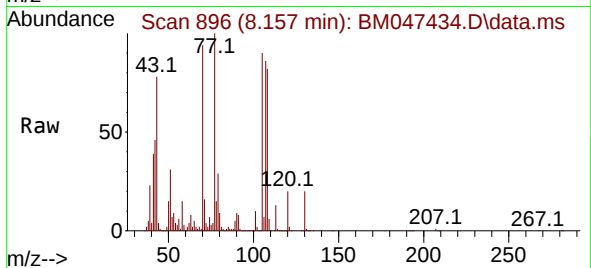
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 399944 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 98.5  | 77.8  | 116.8  |
| 201      | 122.0 | 92.3  | 138.5  |



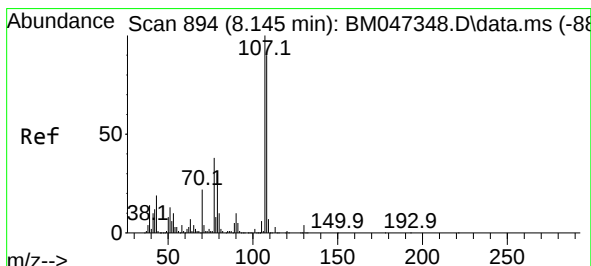
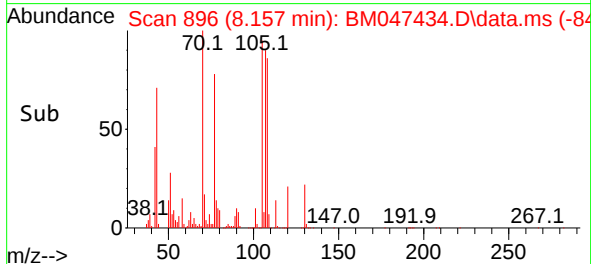
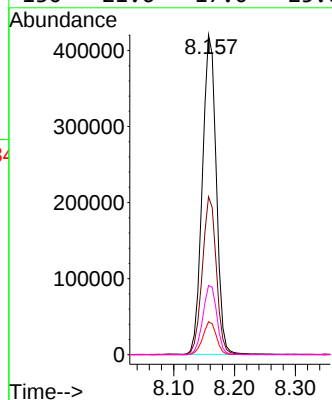


#19  
n-Nitroso-di-n-propylamine  
Concen: 38.301 ng  
RT: 8.157 min Scan# 896  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Instrument :  
BNA\_M  
ClientSampleId :

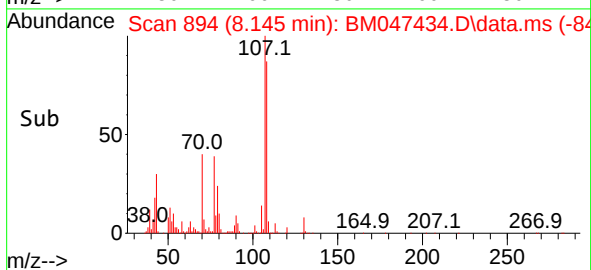
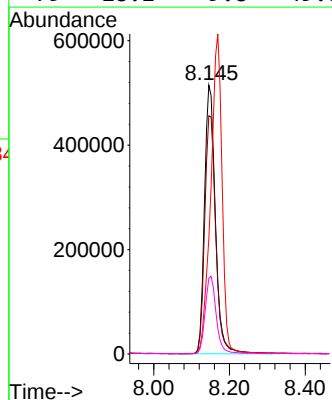
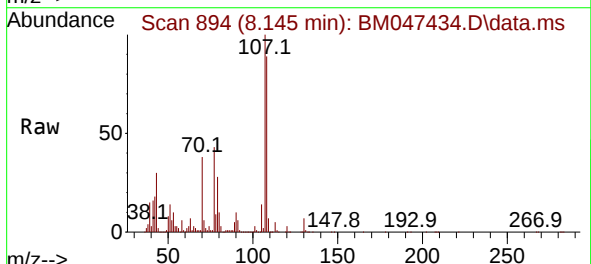


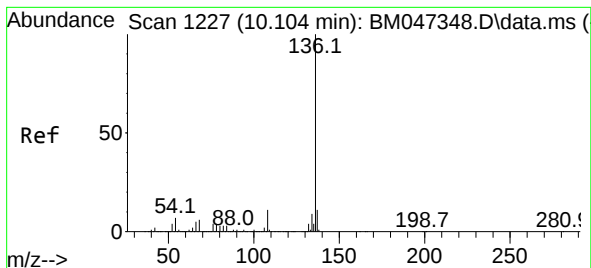
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 70    | Resp: | 666676 |
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 49.3  | 41.0  | 61.4   |
| 101       | 10.3  | 7.9   | 11.9   |
| 130       | 21.6  | 17.0  | 25.6   |



#20  
3+4-Methylphenols  
Concen: 42.713 ng  
RT: 8.145 min Scan# 894  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

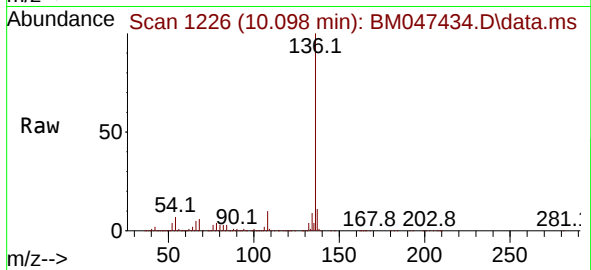
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 107   | Resp: | 1027923 |
| Ion Ratio | Lower | Upper |         |
| 107       | 100   |       |         |
| 108       | 88.6  | 69.8  | 109.8   |
| 77        | 42.9  | 18.0  | 58.0    |
| 79        | 28.2  | 9.8   | 49.8    |



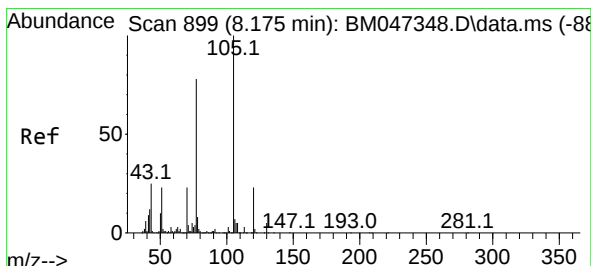
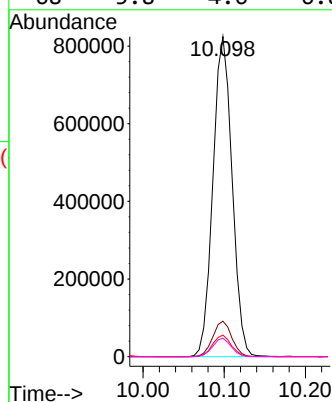
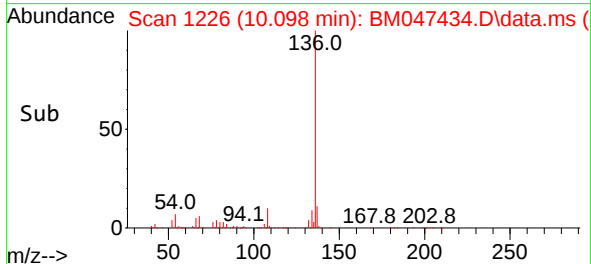


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.098 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Instrument :  
BNA\_M  
ClientSampleId :

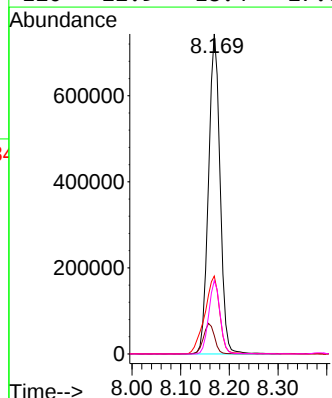
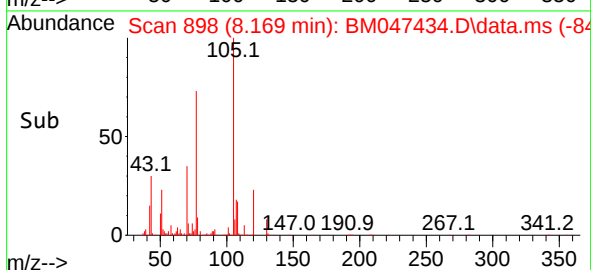
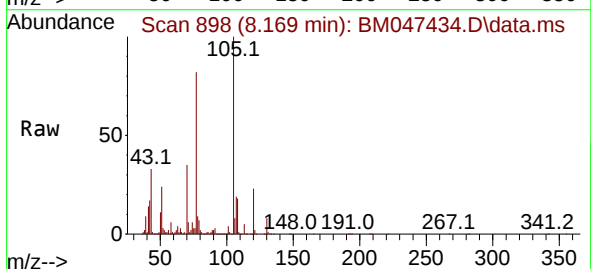


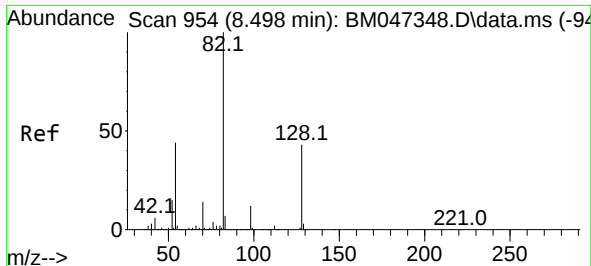
Tgt Ion:136 Resp: 1352190  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 6.7 5.2 7.8  
68 5.8 4.6 6.8



#22  
Acetophenone  
Concen: 38.881 ng  
RT: 8.169 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion:105 Resp: 1220133  
Ion Ratio Lower Upper  
105 100  
71 5.8 3.1 4.7#  
51 24.4 18.7 28.1  
120 22.9 18.4 27.6

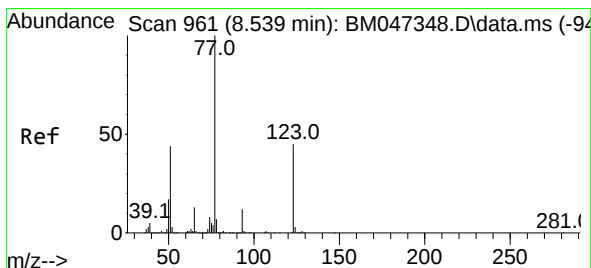
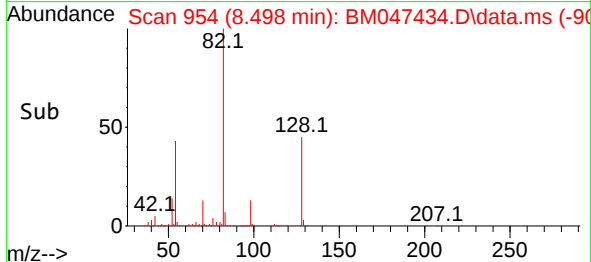
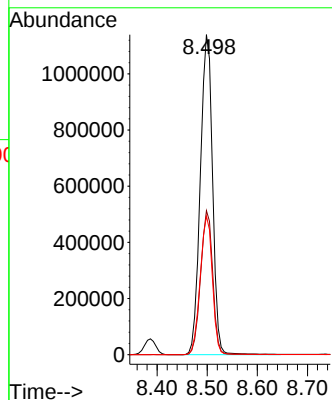
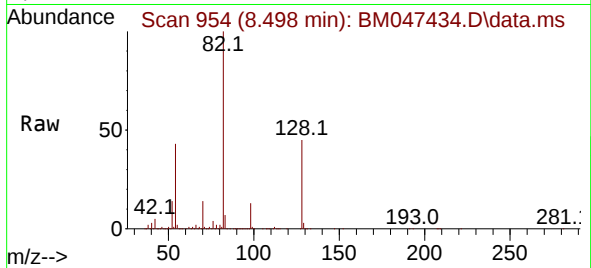




#23  
Nitrobenzene-d5  
Concen: 79.289 ng  
RT: 8.498 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

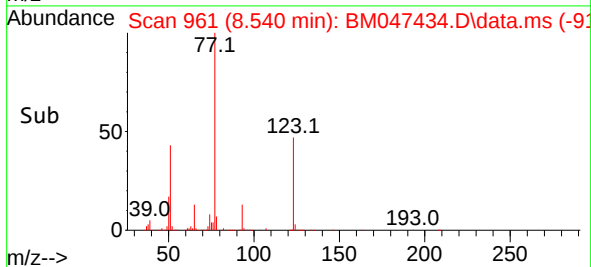
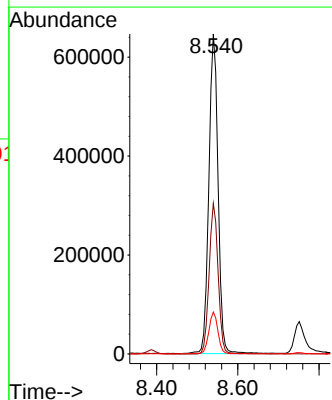
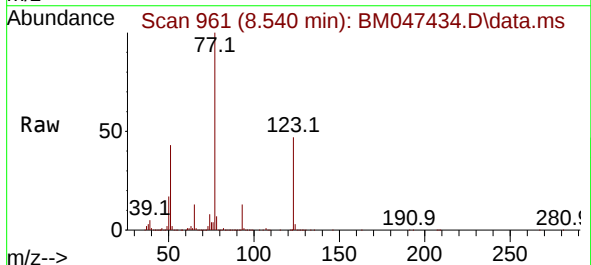
Instrument :  
BNA\_M  
ClientSampleId :

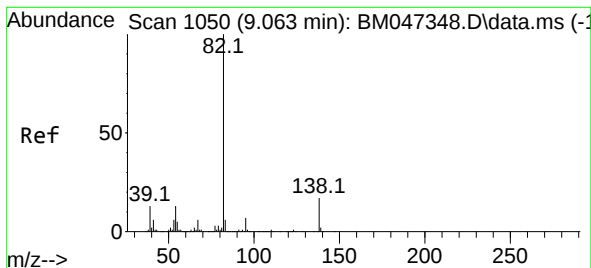
Tgt Ion: 82 Resp: 1932272  
Ion Ratio Lower Upper  
82 100  
128 45.0 34.6 51.8  
54 43.3 35.5 53.3



#24  
Nitrobenzene  
Concen: 40.320 ng  
RT: 8.540 min Scan# 961  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion: 77 Resp: 1010587  
Ion Ratio Lower Upper  
77 100  
123 47.0 35.6 53.4  
65 13.1 10.5 15.7





#25

Isophorone

Concen: 41.355 ng

RT: 9.063 min Scan# 1050

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

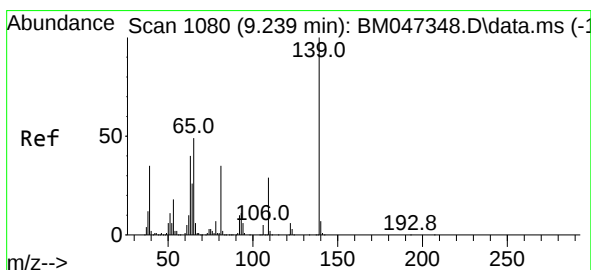
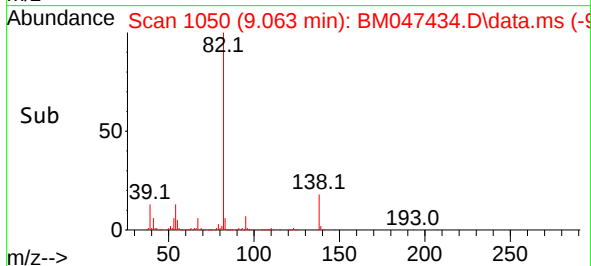
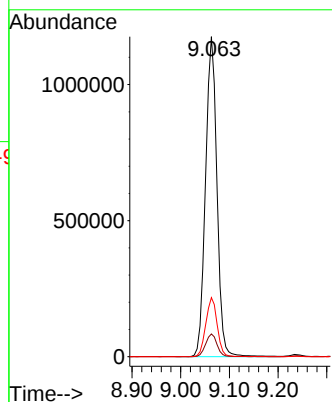
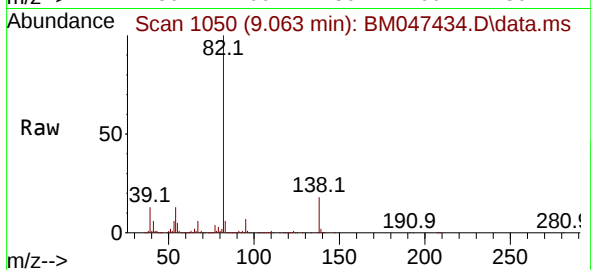
Tgt Ion: 82 Resp: 1904799

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 18.5 13.9 20.9



#26

2-Nitrophenol

Concen: 47.087 ng

RT: 9.240 min Scan# 1080

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

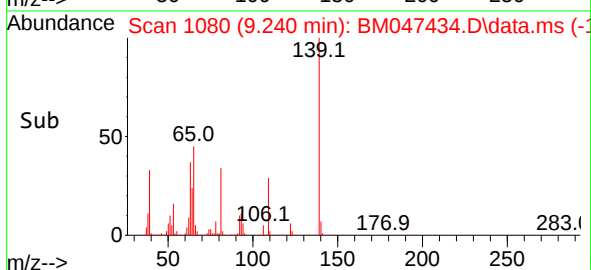
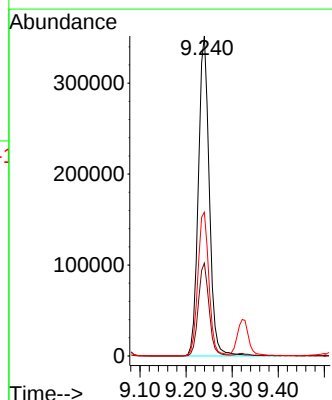
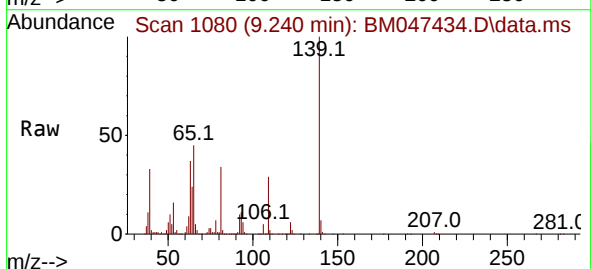
Tgt Ion:139 Resp: 580514

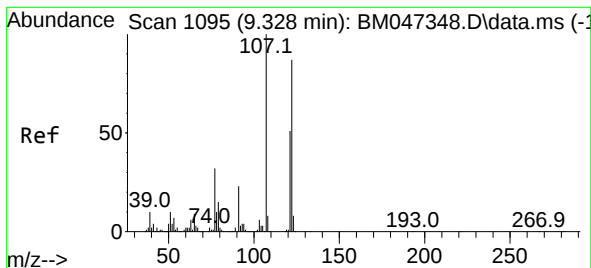
Ion Ratio Lower Upper

139 100

109 29.0 23.4 35.0

65 44.9 39.6 59.4

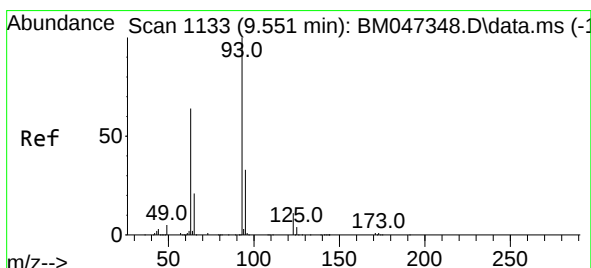
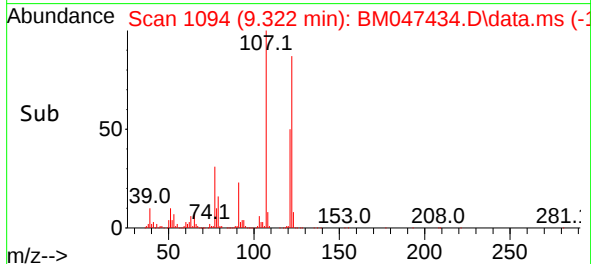
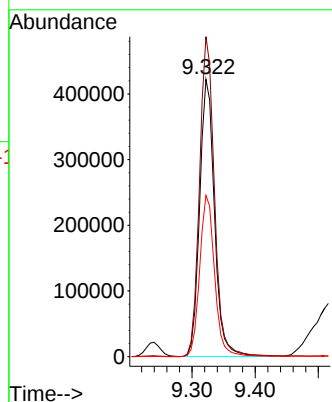
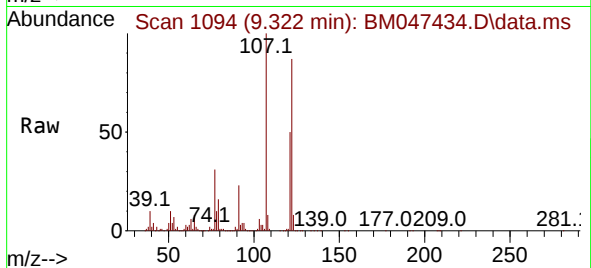




#27  
2,4-Dimethylphenol  
Concen: 49.477 ng  
RT: 9.322 min Scan# 1095  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

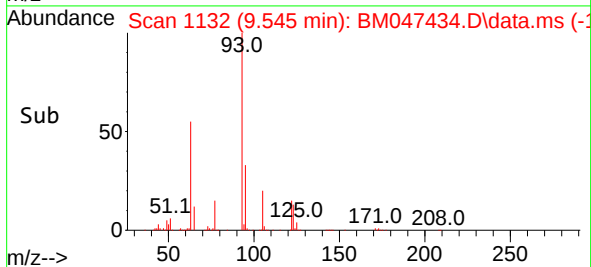
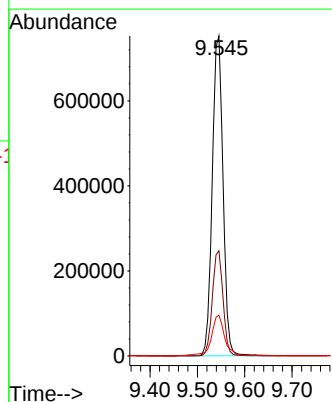
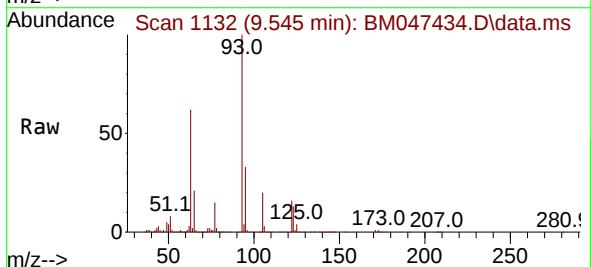
Instrument :  
BNA\_M  
ClientSampleId :

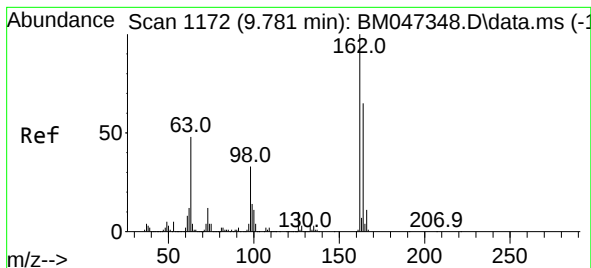
Tgt Ion:122 Resp: 688528  
Ion Ratio Lower Upper  
122 100  
107 115.4 91.9 137.9  
121 58.2 47.0 70.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.200 ng  
RT: 9.545 min Scan# 1132  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion: 93 Resp: 1190270  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.6 39.8  
123 12.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.081 ng

RT: 9.781 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

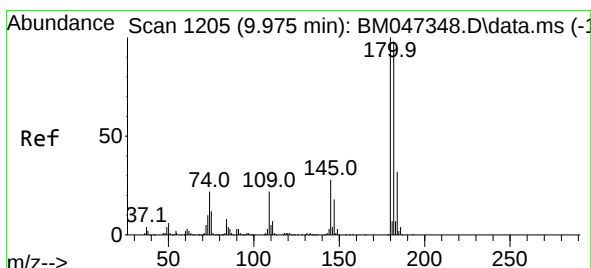
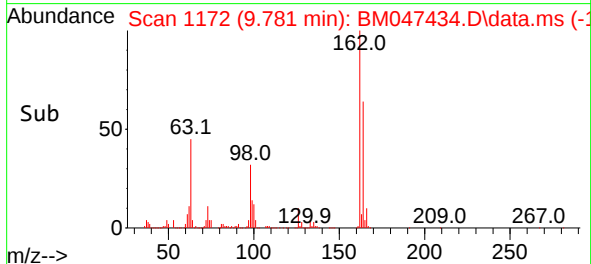
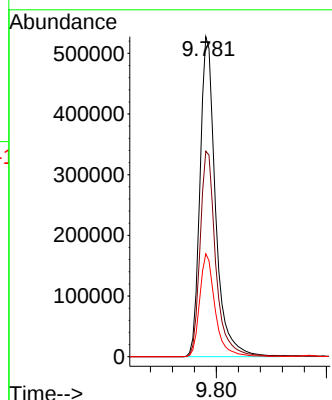
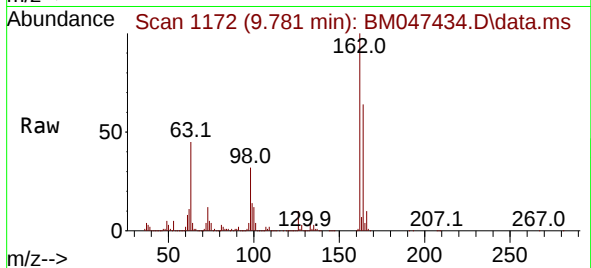
Tgt Ion:162 Resp: 1037933

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

98 32.2 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 43.344 ng

RT: 9.969 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

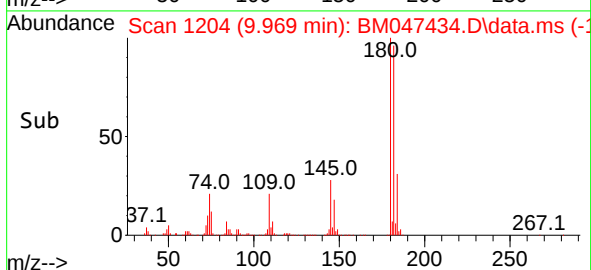
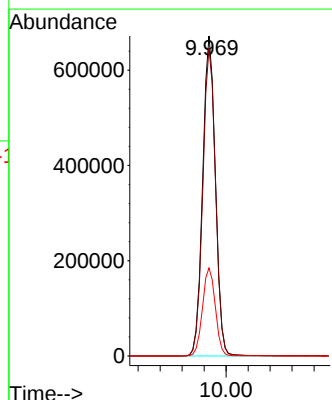
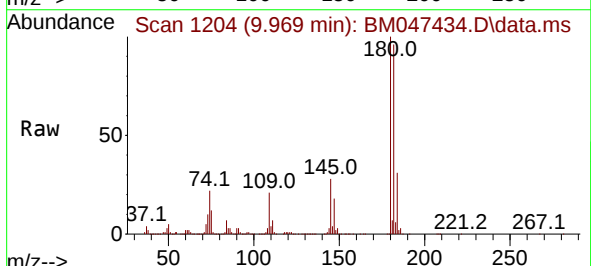
Tgt Ion:180 Resp: 1080733

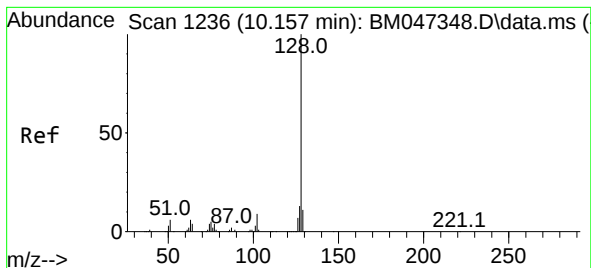
Ion Ratio Lower Upper

180 100

182 96.1 78.2 117.2

145 27.5 22.3 33.5

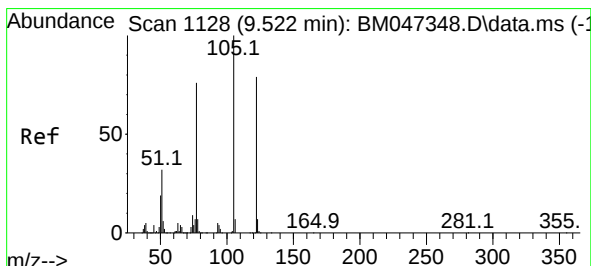
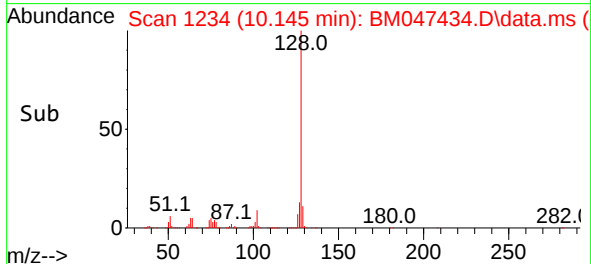
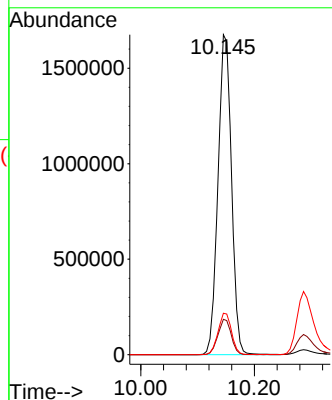
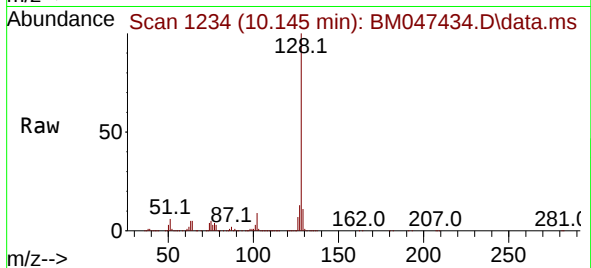




#31  
Naphthalene  
Concen: 41.869 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

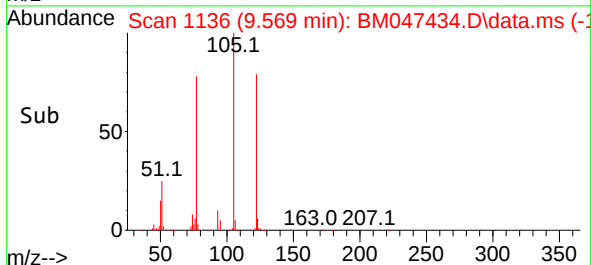
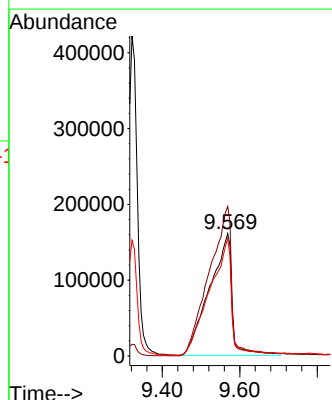
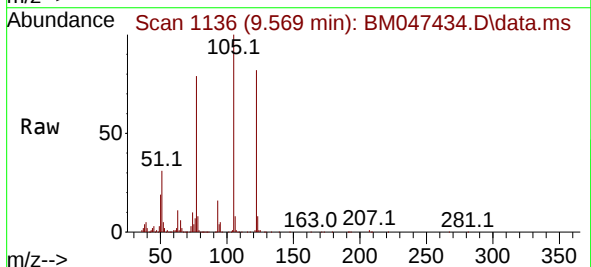
Instrument :  
BNA\_M  
ClientSampleId :

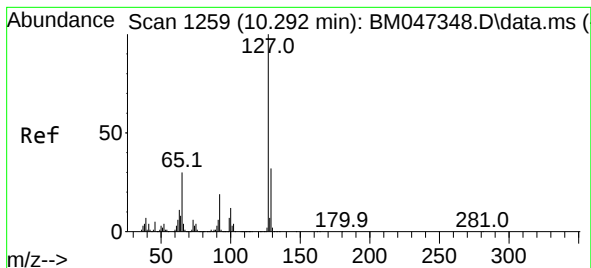
Tgt Ion:128 Resp: 2765167  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.6  
127 13.0 10.4 15.6



#32  
Benzoic acid  
Concen: 38.825 ng  
RT: 9.569 min Scan# 1136  
Delta R.T. 0.047 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion:122 Resp: 645160  
Ion Ratio Lower Upper  
122 100  
105 122.0 106.0 146.0  
77 95.9 76.3 116.3

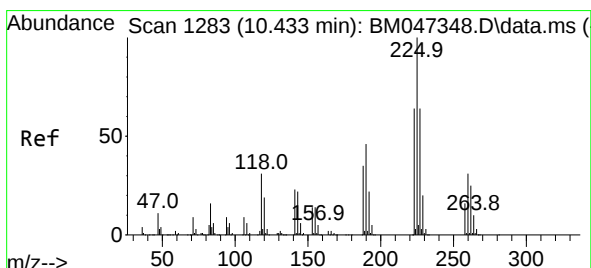
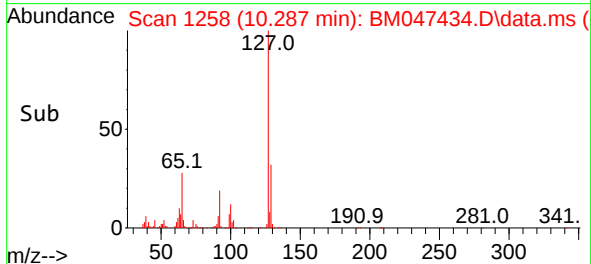
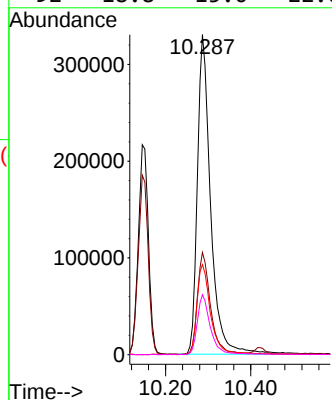
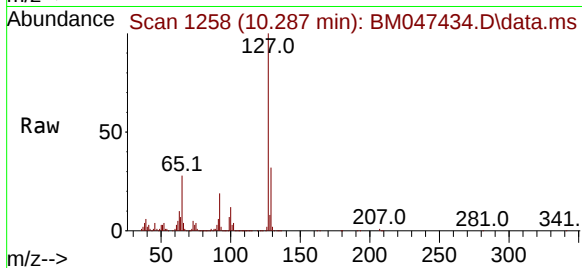




#33  
4-Chloroaniline  
Concen: 29.027 ng  
RT: 10.287 min Scan# 1258  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

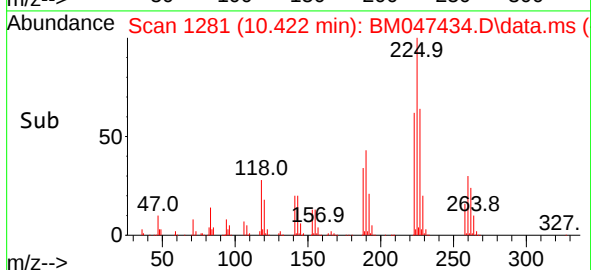
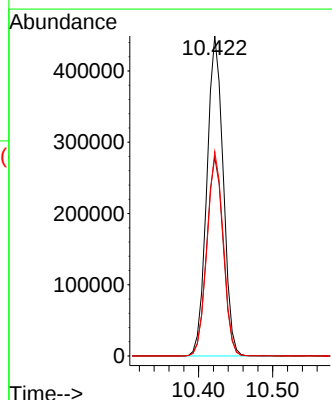
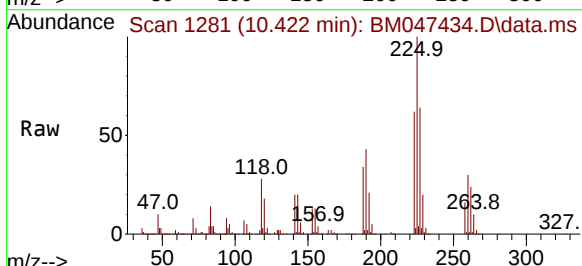
Instrument :  
BNA\_M  
ClientSampleId :

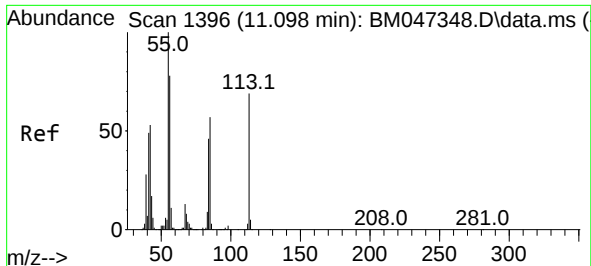
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 712800 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 31.9    | 25.8 38.8    |
| 65 28.2     | 24.2 36.2    |
| 92 18.8     | 15.0 22.6    |



#34  
Hexachlorobutadiene  
Concen: 44.138 ng  
RT: 10.422 min Scan# 1281  
Delta R.T. -0.012 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 687312 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 62.1    | 51.1 76.7    |
| 227 63.8    | 51.0 76.6    |

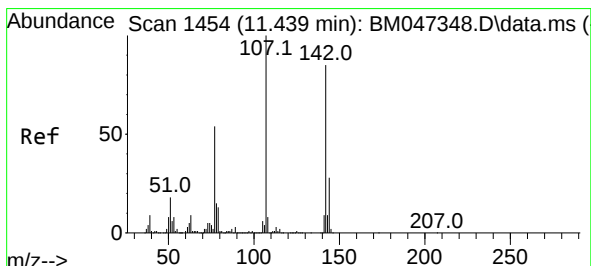
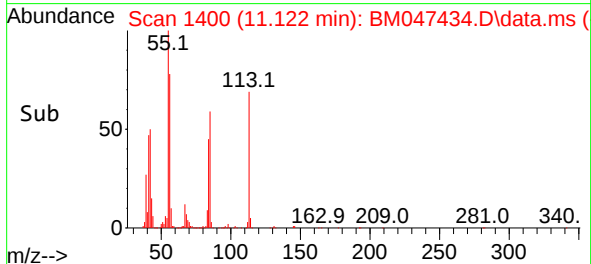
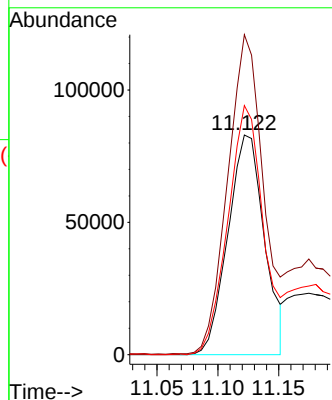
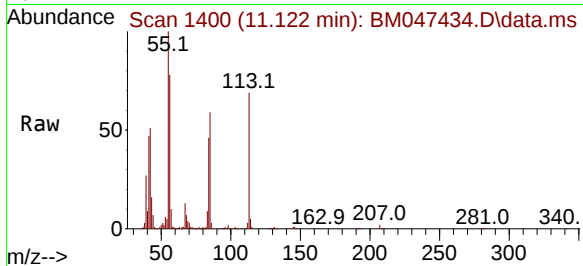




#35  
Caprolactam  
Concen: 24.688 ng  
RT: 11.122 min Scan# 1400  
Delta R.T. 0.024 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

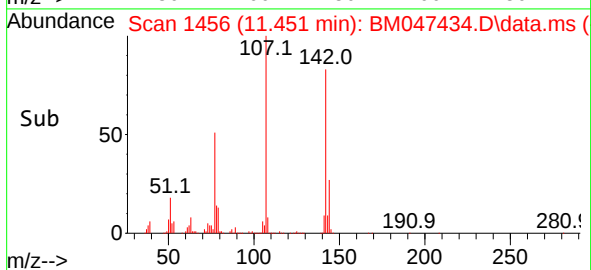
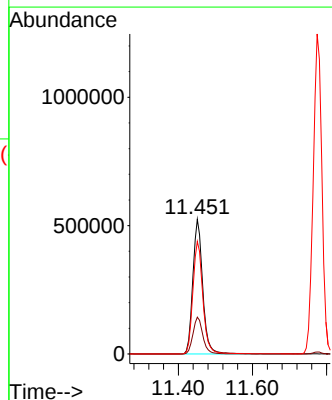
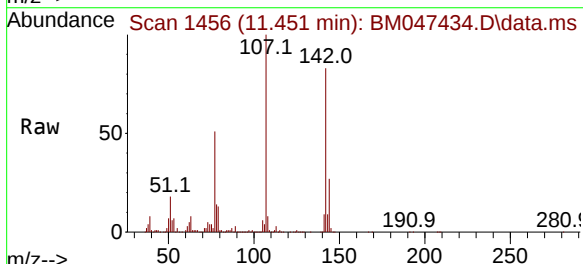
Instrument :  
BNA\_M  
ClientSampleId :

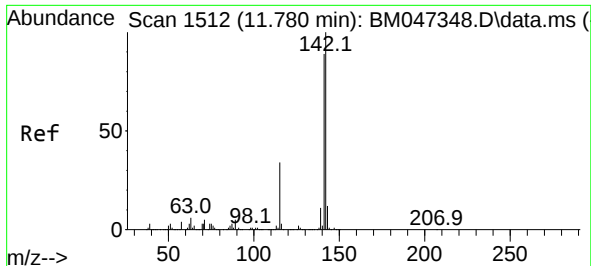
Tgt Ion:113 Resp: 172646  
Ion Ratio Lower Upper  
113 100  
55 145.6 126.2 166.2  
56 113.3 93.2 133.2



#36  
4-Chloro-3-methylphenol  
Concen: 44.417 ng  
RT: 11.451 min Scan# 1456  
Delta R.T. 0.012 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion:107 Resp: 973707  
Ion Ratio Lower Upper  
107 100  
144 27.4 22.2 33.4  
142 83.5 67.7 101.5





#37

2-Methylnaphthalene

Concen: 42.177 ng

RT: 11.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

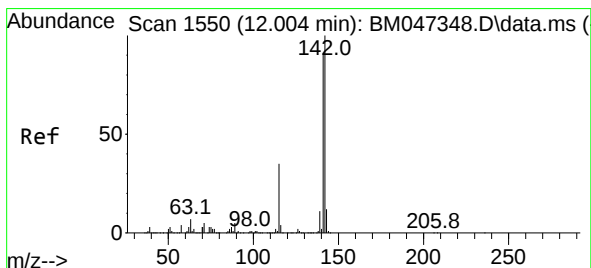
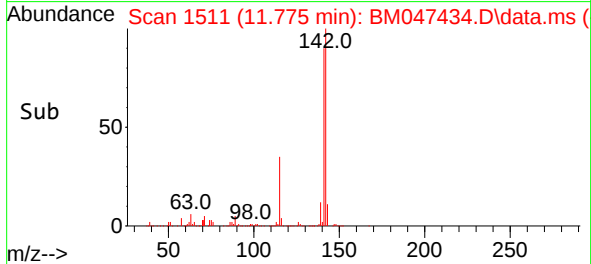
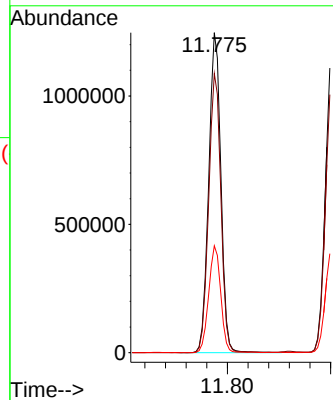
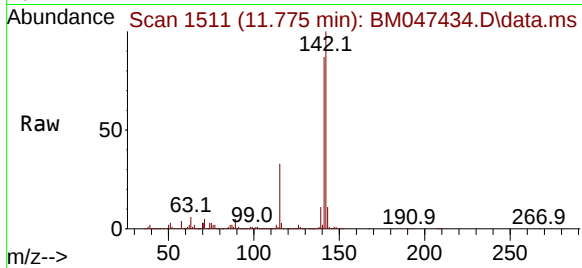
Tgt Ion:142 Resp: 2031001

Ion Ratio Lower Upper

142 100

141 87.2 70.8 106.2

115 33.4 27.5 41.3



#38

1-Methylnaphthalene

Concen: 39.757 ng

RT: 12.004 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

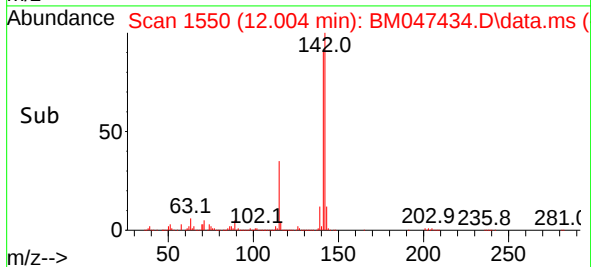
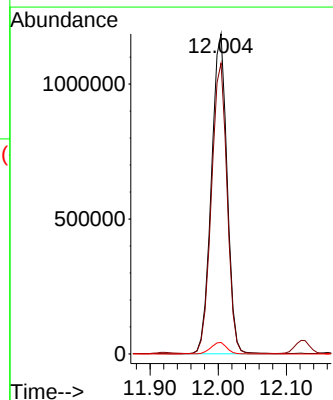
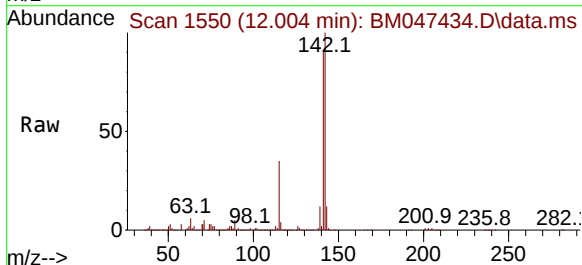
Tgt Ion:142 Resp: 1893469

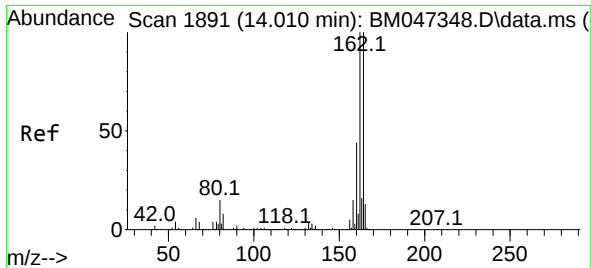
Ion Ratio Lower Upper

142 100

141 90.8 72.9 109.3

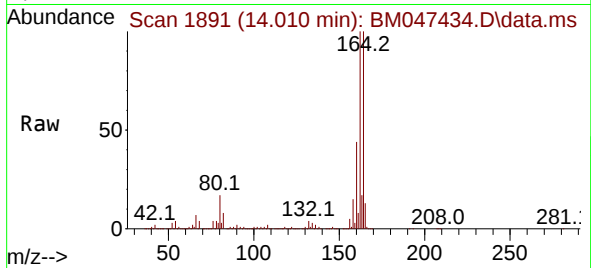
116 3.6 3.0 4.6



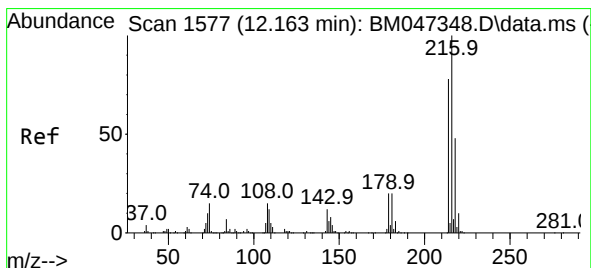
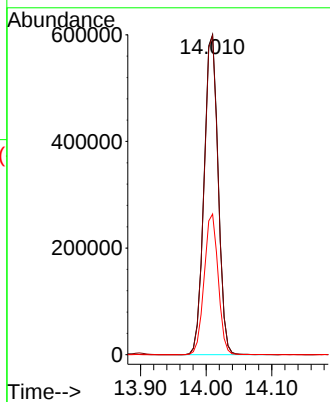
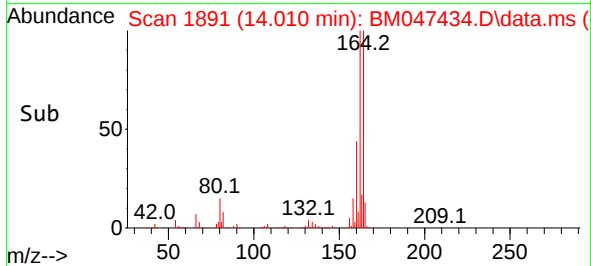


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.010 min Scan# 1891  
Delta R.T. -0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

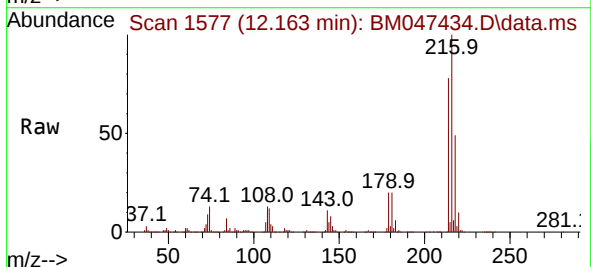
Instrument :  
BNA\_M  
ClientSampleId :



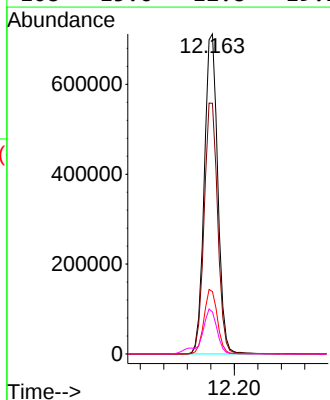
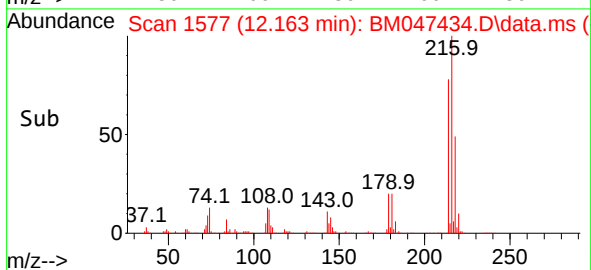
Tgt Ion:164 Resp: 899493  
Ion Ratio Lower Upper  
164 100  
162 99.8 79.7 119.5  
160 43.9 34.9 52.3

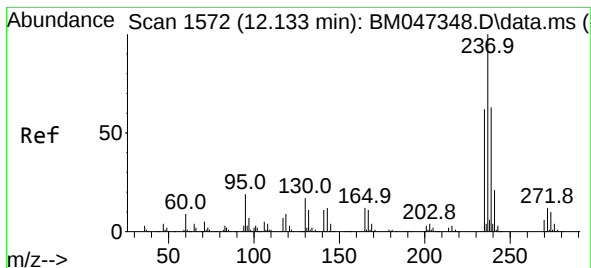


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.682 ng  
RT: 12.163 min Scan# 1577  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50



Tgt Ion:216 Resp: 1136852  
Ion Ratio Lower Upper  
216 100  
214 79.0 62.6 94.0  
179 20.1 16.6 24.8  
108 15.6 12.8 19.2





#41

Hexachlorocyclopentadiene

Concen: 86.605 ng

RT: 12.122 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

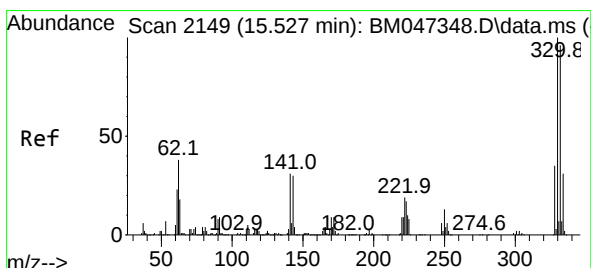
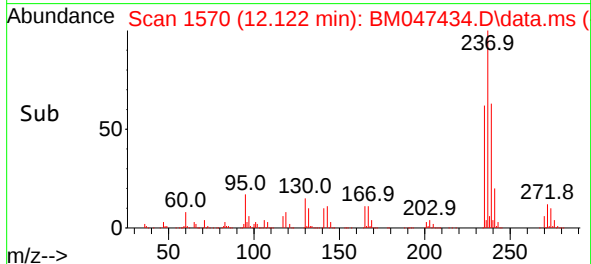
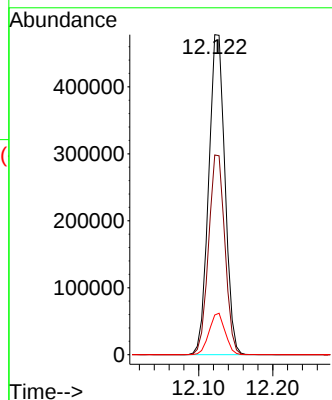
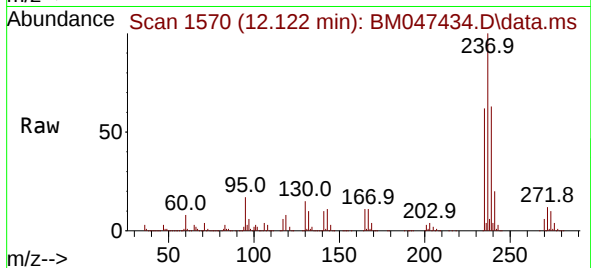
Instrument :

BNA\_M

ClientSampleId :

Tgt Ion:237 Resp: 728033

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 62.4  | 42.1  | 82.1  |
| 272 | 12.4  | 0.0   | 32.3  |



#42

2,4,6-Tribromophenol

Concen: 123.628 ng

RT: 15.527 min Scan# 2149

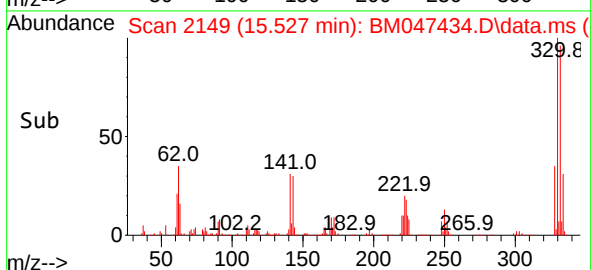
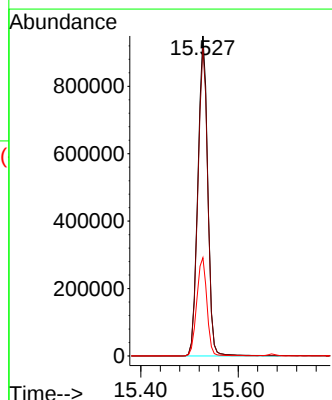
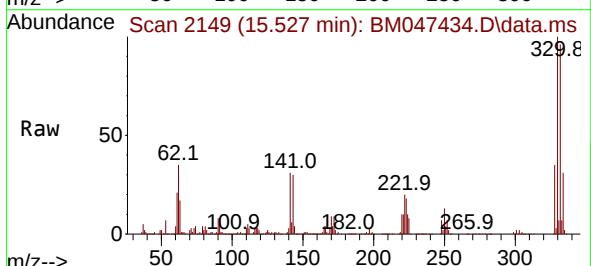
Delta R.T. 0.000 min

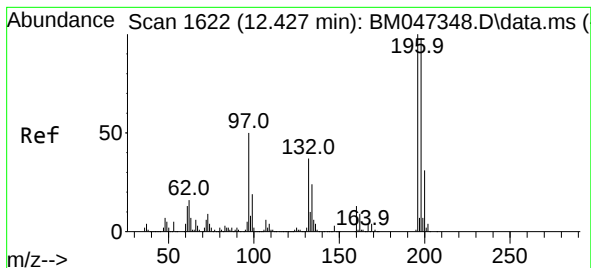
Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Tgt Ion:330 Resp: 1341644

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 96.6  | 77.2  | 115.8 |
| 141 | 31.6  | 27.6  | 41.4  |





#43

2,4,6-Trichlorophenol

Concen: 47.188 ng

RT: 12.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

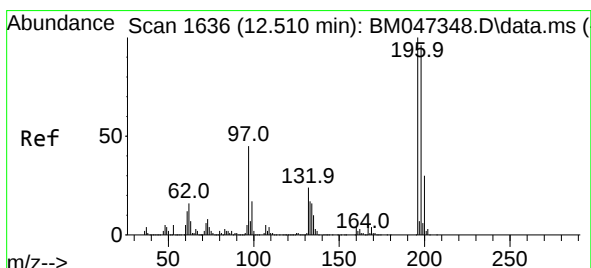
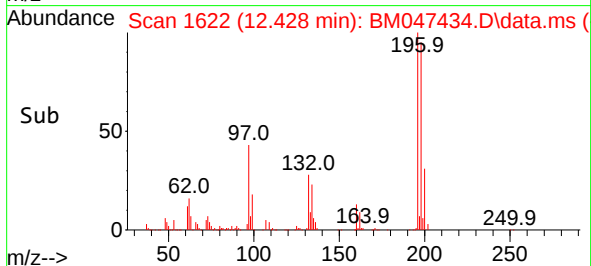
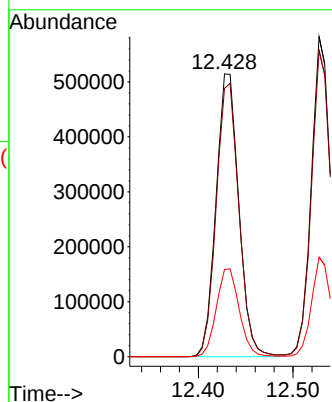
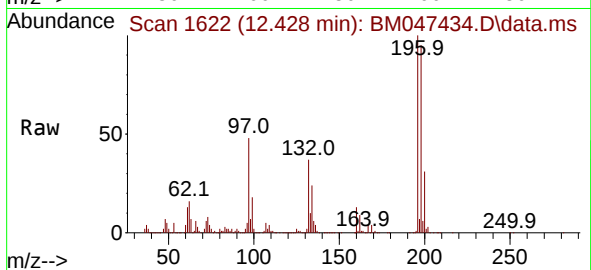
Tgt Ion:196 Resp: 861606

Ion Ratio Lower Upper

196 100

198 95.0 78.2 117.2

200 30.9 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 42.998 ng

RT: 12.528 min Scan# 1639

Delta R.T. 0.018 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Tgt Ion:196 Resp: 871923

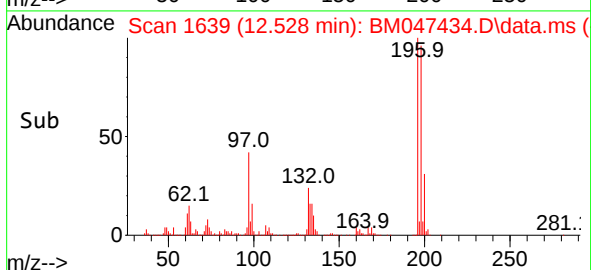
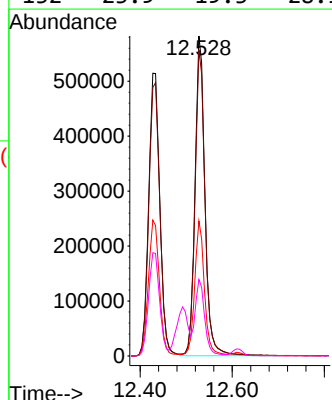
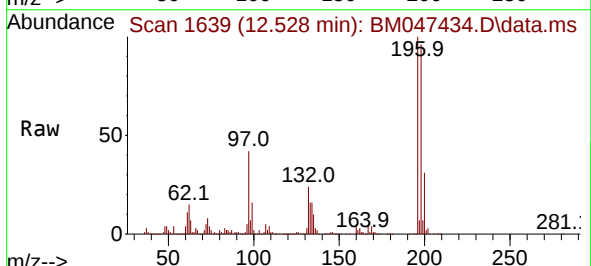
Ion Ratio Lower Upper

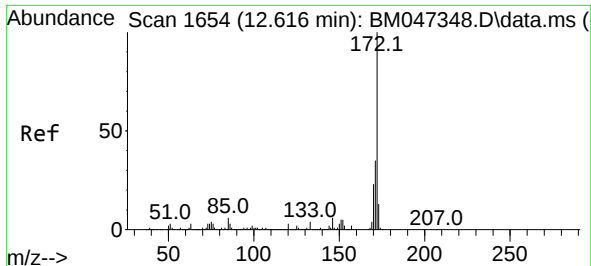
196 100

198 95.7 76.6 115.0

97 42.2 35.9 53.9

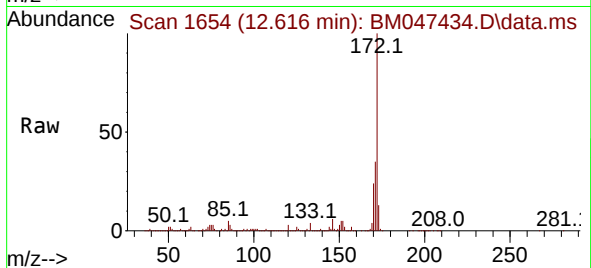
132 23.9 19.3 28.9



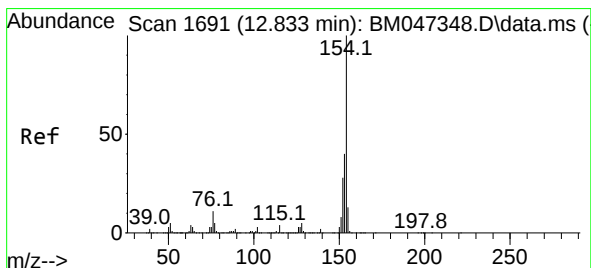
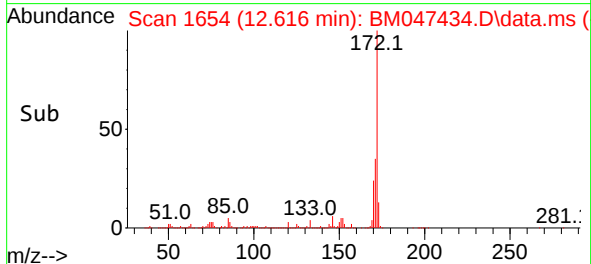
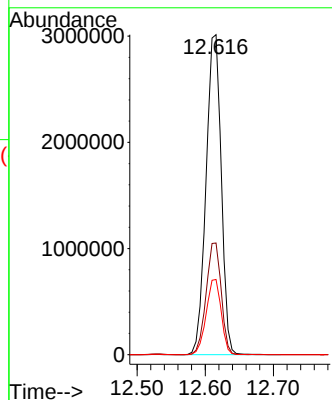


#45  
2-Fluorobiphenyl  
Concen: 79.816 ng  
RT: 12.616 min Scan# 1654  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Instrument :  
BNA\_M  
ClientSampleId :

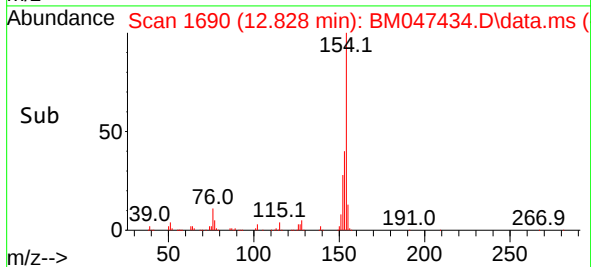
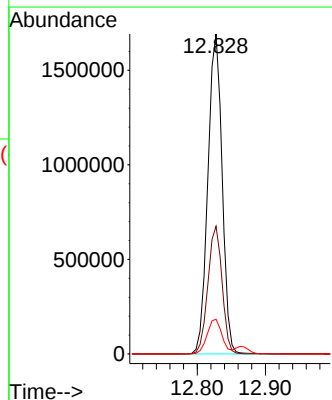
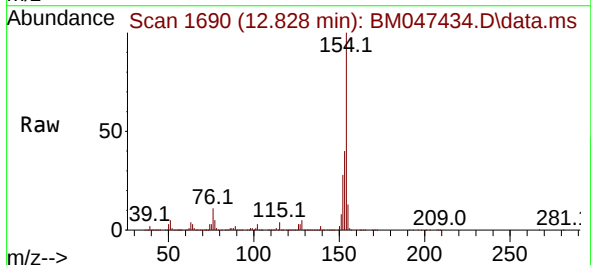


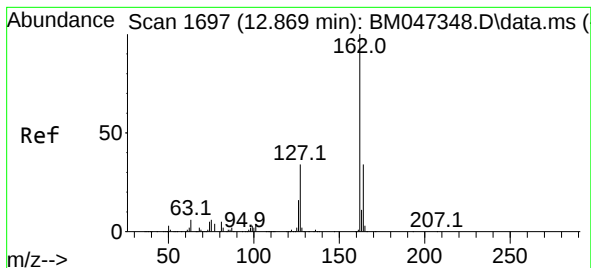
Tgt Ion:172 Resp: 4672550  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.8 41.6  
170 23.5 18.5 27.7



#46  
1,1'-Biphenyl  
Concen: 39.182 ng  
RT: 12.828 min Scan# 1690  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion:154 Resp: 2460937  
Ion Ratio Lower Upper  
154 100  
153 39.9 20.1 60.1  
76 10.9 0.0 31.2

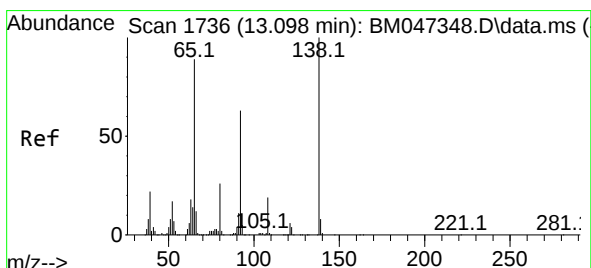
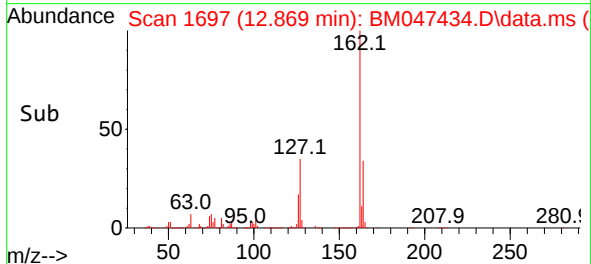
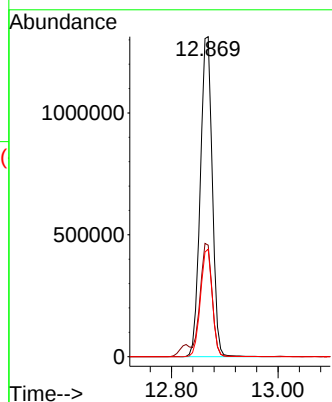
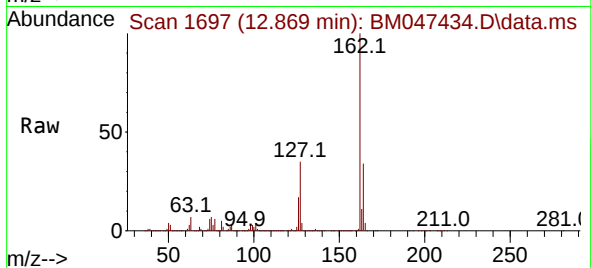




#47  
2-Chloronaphthalene  
Concen: 41.637 ng  
RT: 12.869 min Scan# 1697  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

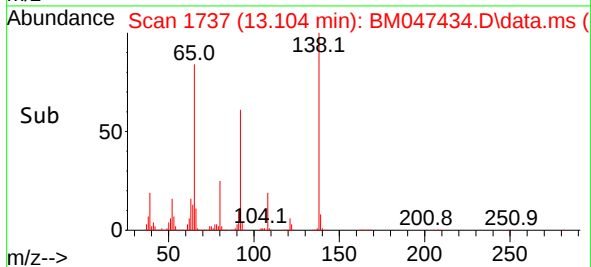
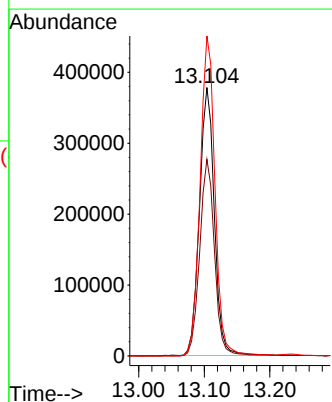
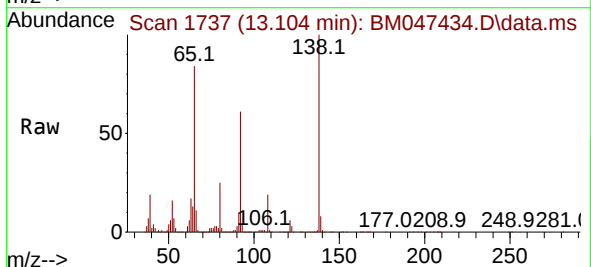
Instrument :  
BNA\_M  
ClientSampleId :

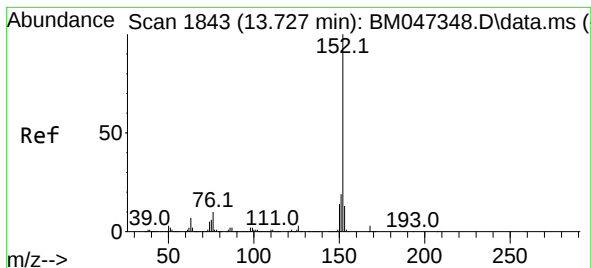
Tgt Ion:162 Resp: 2049375  
Ion Ratio Lower Upper  
162 100  
127 34.8 28.3 42.5  
164 33.6 27.0 40.4



#48  
2-Nitroaniline  
Concen: 43.538 ng  
RT: 13.104 min Scan# 1737  
Delta R.T. 0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion: 65 Resp: 600259  
Ion Ratio Lower Upper  
65 100  
92 73.3 57.0 85.6  
138 119.2 90.0 135.0





#49

Acenaphthylene

Concen: 45.379 ng

RT: 13.727 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

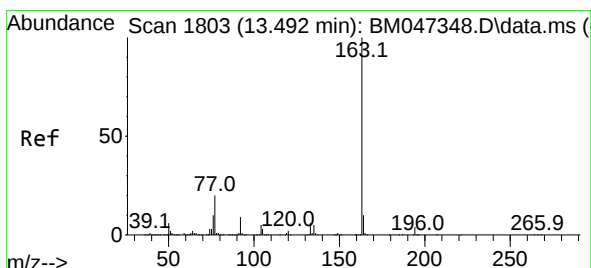
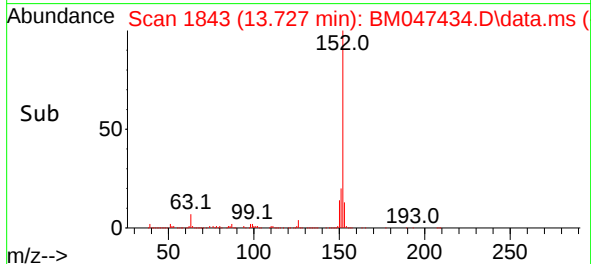
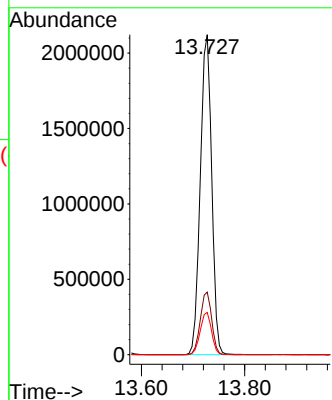
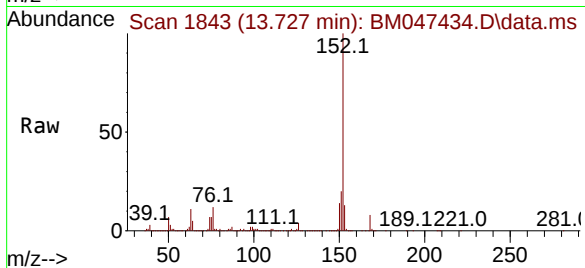
Tgt Ion:152 Resp: 3246170

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.0

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 44.117 ng

RT: 13.486 min Scan# 1802

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

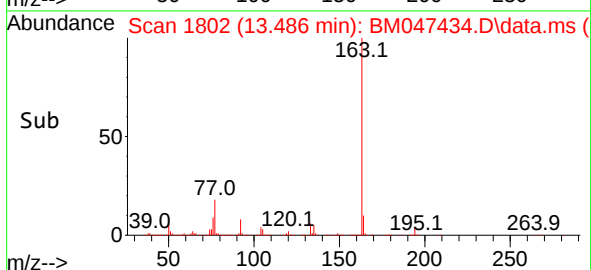
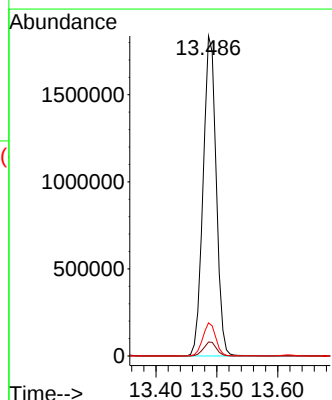
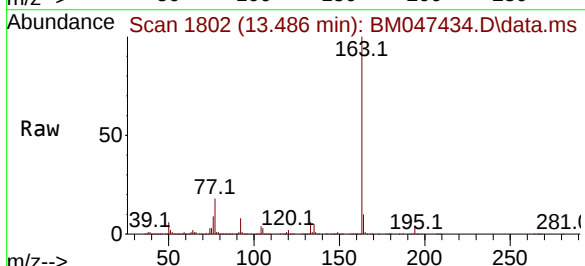
Tgt Ion:163 Resp: 2734287

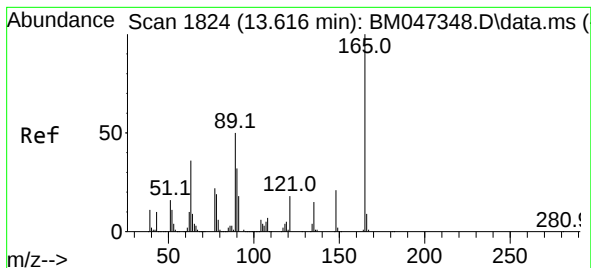
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.4 8.2 12.4

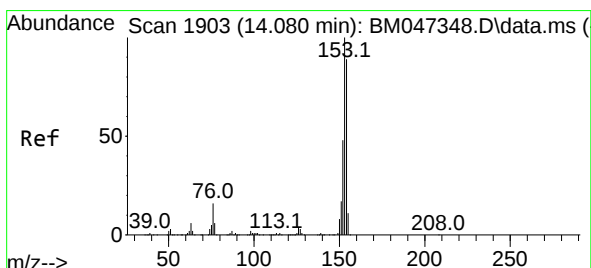
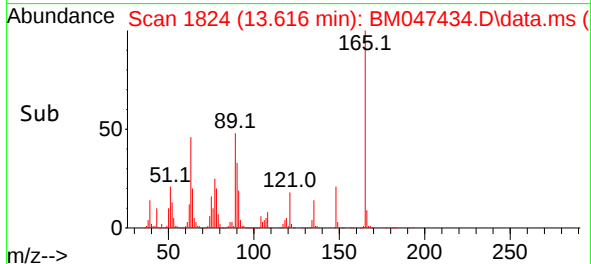
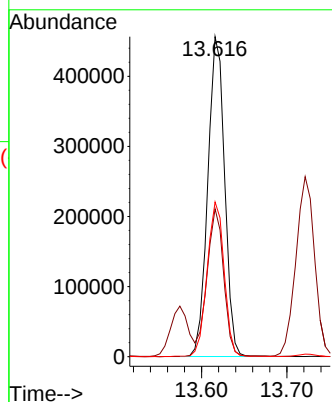
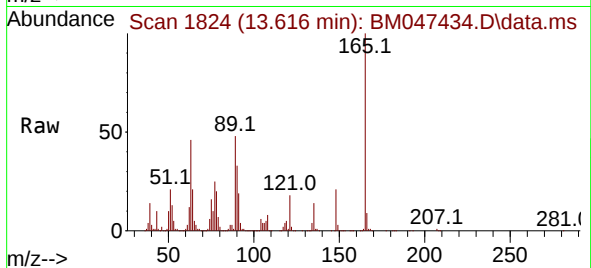




#51  
2,6-Dinitrotoluene  
Concen: 43.505 ng  
RT: 13.616 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

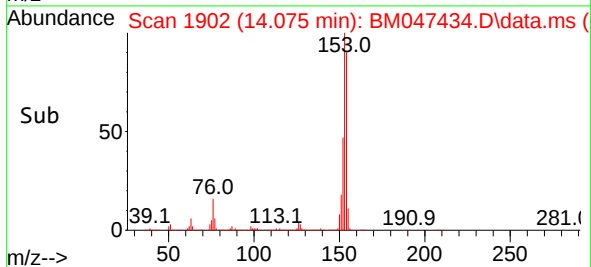
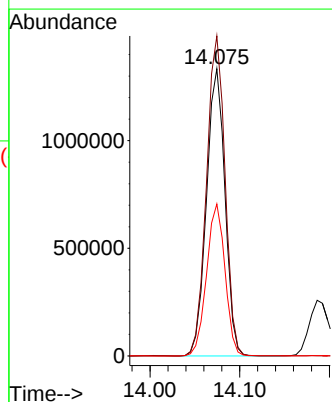
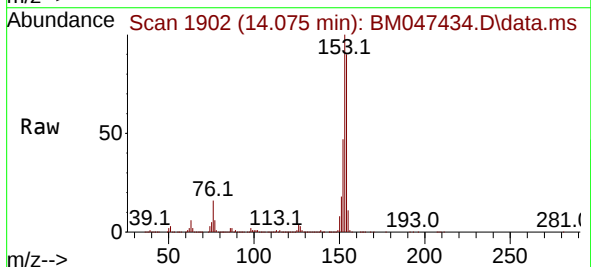
Instrument :  
BNA\_M  
ClientSampleId :

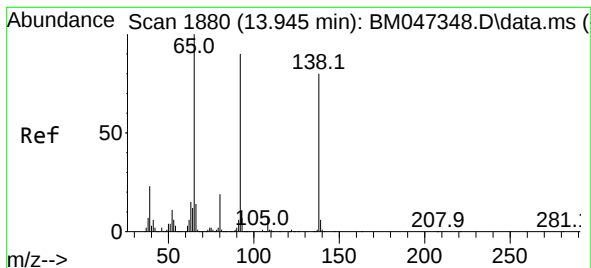
Tgt Ion:165 Resp: 627803  
Ion Ratio Lower Upper  
165 100  
63 46.2 38.2 57.4  
89 48.3 40.4 60.6



#52  
Acenaphthene  
Concen: 42.031 ng  
RT: 14.075 min Scan# 1902  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion:154 Resp: 1908678  
Ion Ratio Lower Upper  
154 100  
153 111.4 89.5 134.3  
152 52.9 43.0 64.4

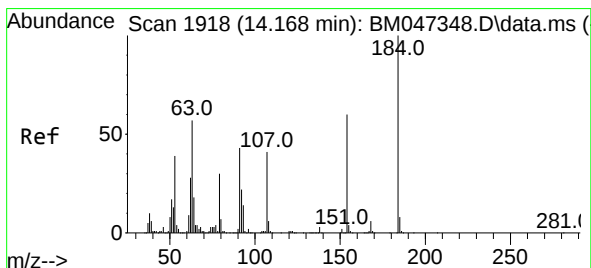
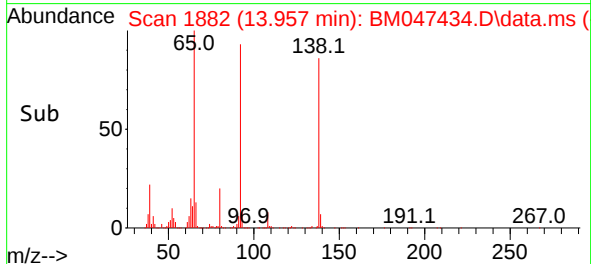
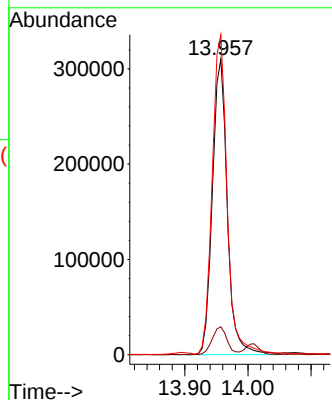
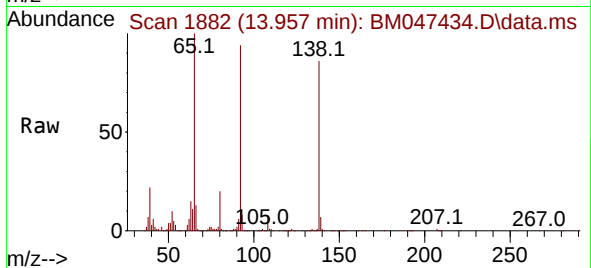




#53  
3-Nitroaniline  
Concen: 38.152 ng  
RT: 13.957 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

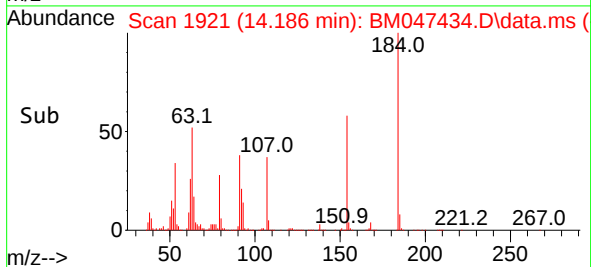
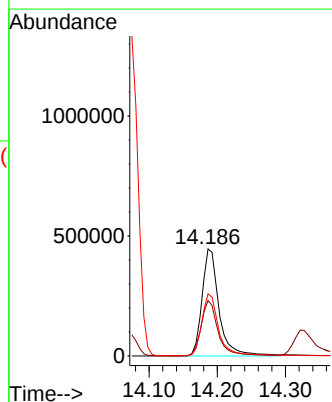
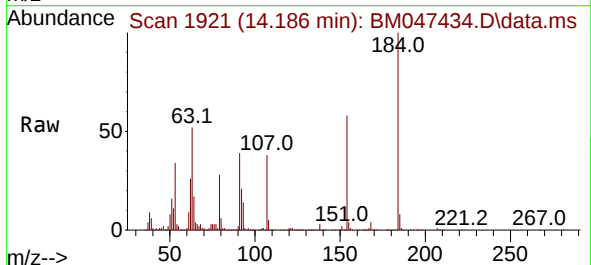
Instrument :  
BNA\_M  
ClientSampleId :

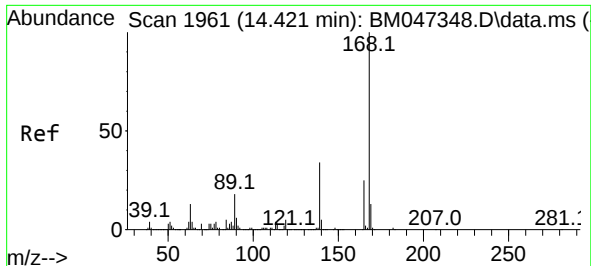
Tgt Ion:138 Resp: 508032  
Ion Ratio Lower Upper  
138 100  
108 9.4 8.0 12.0  
92 108.4 90.1 135.1



#54  
2,4-Dinitrophenol  
Concen: 87.096 ng  
RT: 14.186 min Scan# 1921  
Delta R.T. 0.018 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

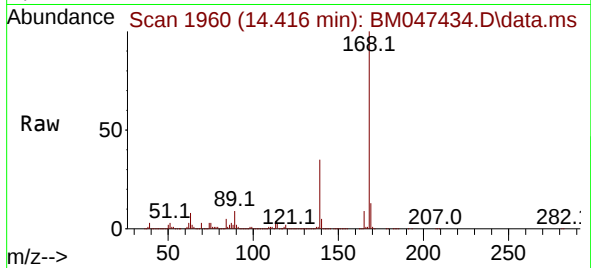
Tgt Ion:184 Resp: 774005  
Ion Ratio Lower Upper  
184 100  
63 51.7 45.7 68.5  
154 58.0 48.5 72.7



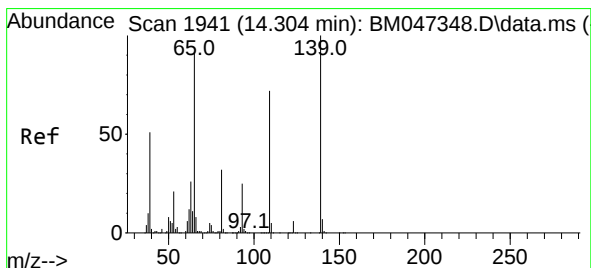
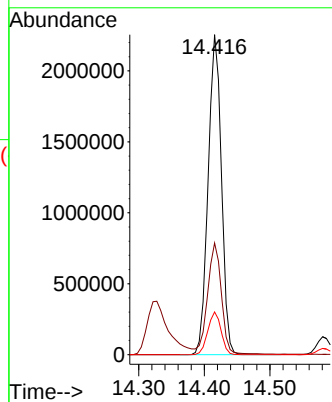
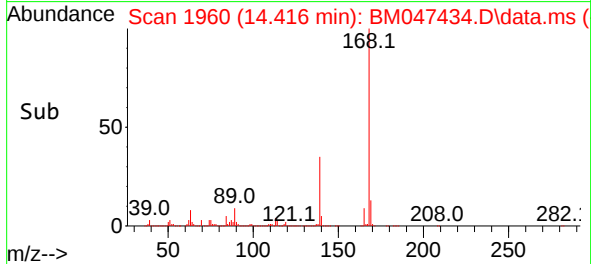


#55  
Dibenzofuran  
Concen: 43.543 ng  
RT: 14.416 min Scan# 1960  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Instrument :  
BNA\_M  
ClientSampleId :

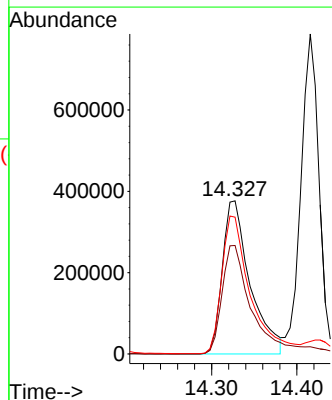
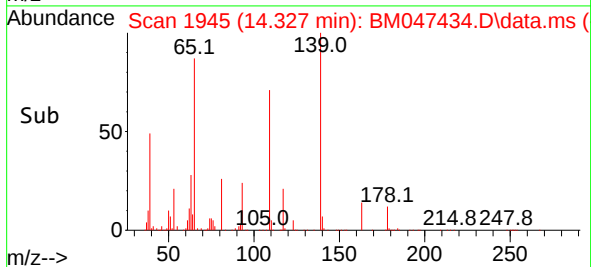
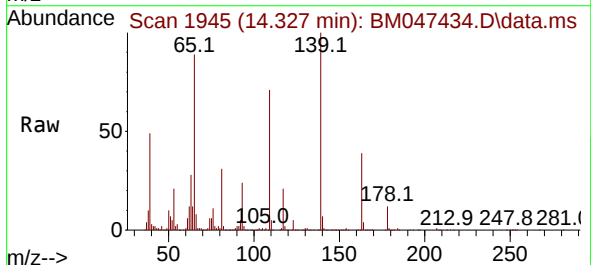


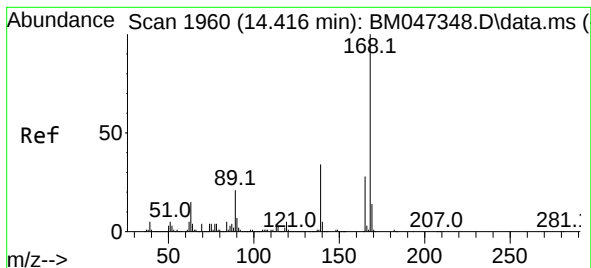
Tgt Ion:168 Resp: 3184924  
Ion Ratio Lower Upper  
168 100  
139 34.9 27.5 41.3  
169 13.3 10.5 15.7



#56  
4-Nitrophenol  
Concen: 81.850 ng  
RT: 14.327 min Scan# 1945  
Delta R.T. 0.023 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion:139 Resp: 851948  
Ion Ratio Lower Upper  
139 100  
109 70.9 51.6 91.6  
65 89.3 71.7 111.7

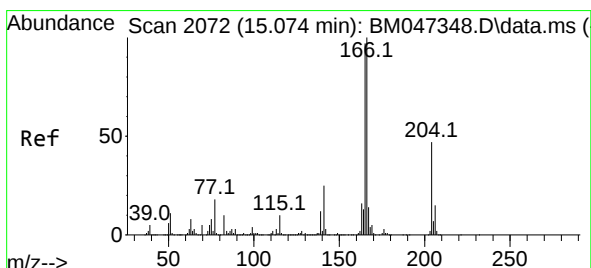
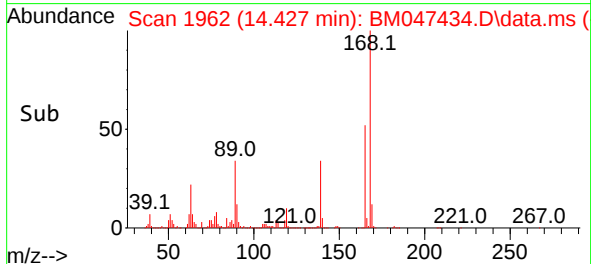
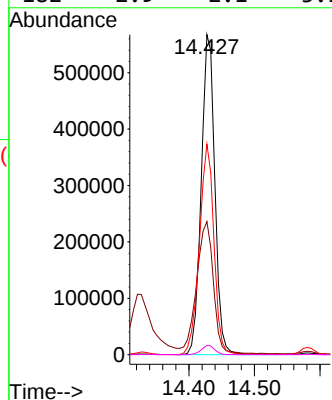
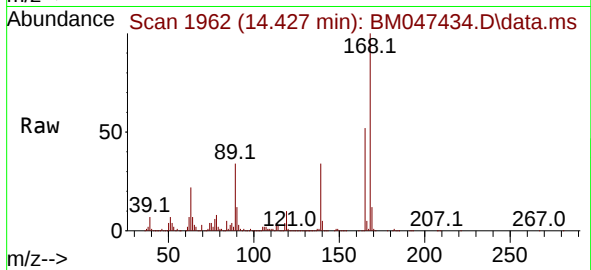




#57  
2,4-Dinitrotoluene  
Concen: 44.000 ng  
RT: 14.427 min Scan# 1962  
Delta R.T. 0.012 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

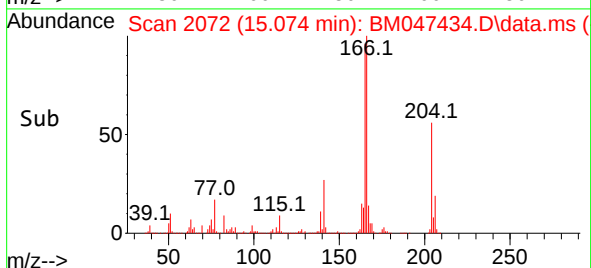
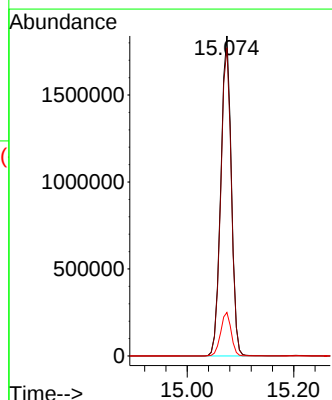
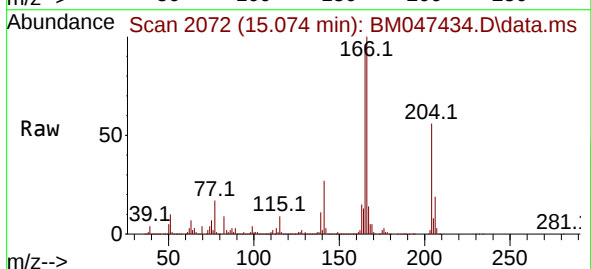
Instrument :  
BNA\_M  
ClientSampleId :

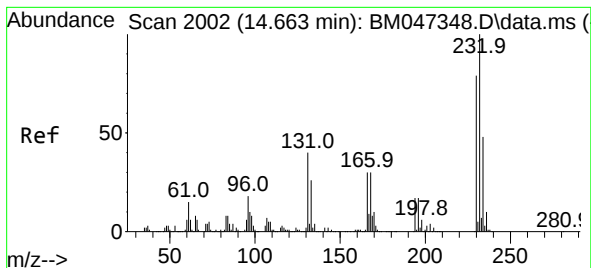
Tgt Ion:165 Resp: 821933  
Ion Ratio Lower Upper  
165 100  
63 41.6 42.2 63.4#  
89 65.8 59.3 88.9  
182 2.9 2.1 3.1



#58  
Fluorene  
Concen: 42.387 ng  
RT: 15.074 min Scan# 2072  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion:166 Resp: 2509235  
Ion Ratio Lower Upper  
166 100  
165 96.3 77.8 116.6  
167 13.6 11.1 16.7

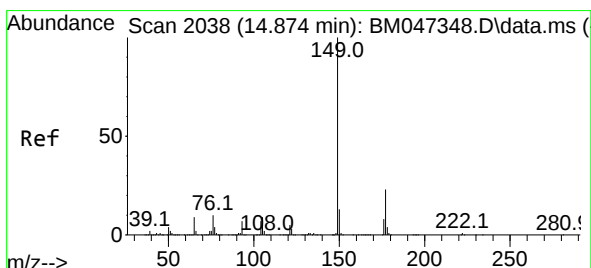
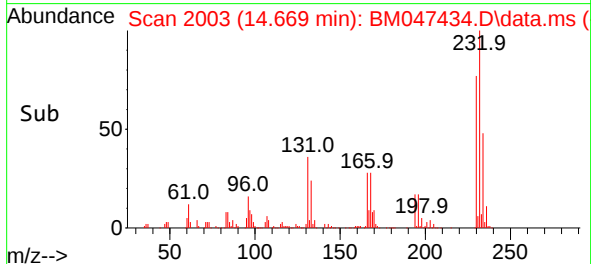
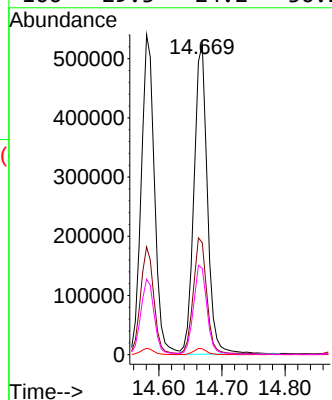
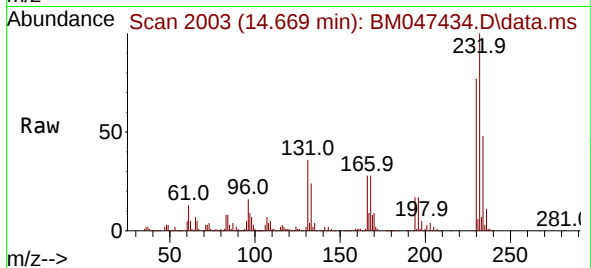




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.320 ng  
RT: 14.669 min Scan# 2002  
Delta R.T. 0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

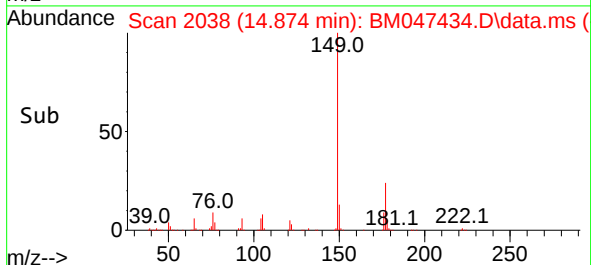
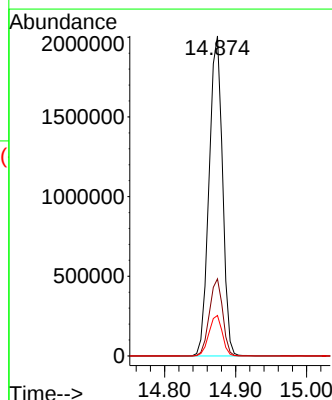
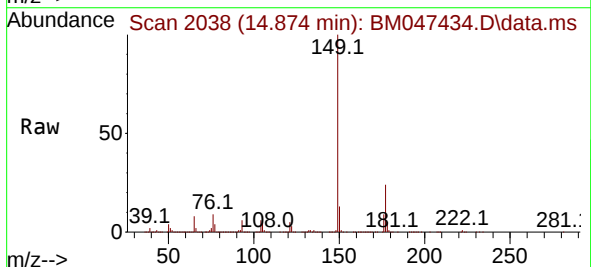
Instrument :  
BNA\_M  
ClientSampleId :

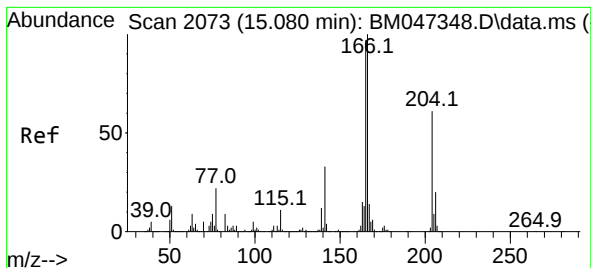
Tgt Ion:232 Resp: 771489  
Ion Ratio Lower Upper  
232 100  
131 36.8 31.7 47.5  
130 2.0 1.7 2.5  
166 29.3 24.2 36.2



#60  
Diethylphthalate  
Concen: 43.148 ng  
RT: 14.874 min Scan# 2038  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion:149 Resp: 2637912  
Ion Ratio Lower Upper  
149 100  
177 24.1 18.6 28.0  
150 12.7 10.2 15.4

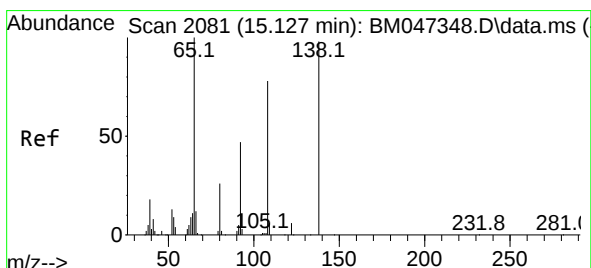
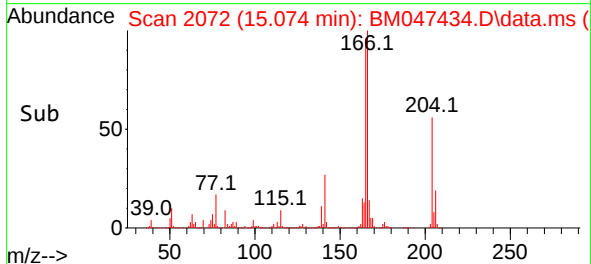
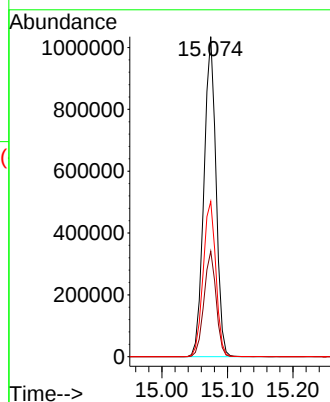
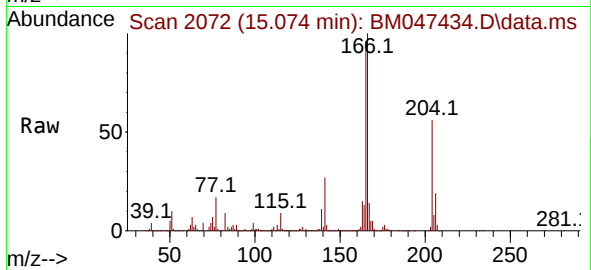




#61  
4-Chlorophenyl-phenylether  
Concen: 44.121 ng  
RT: 15.074 min Scan# 2072  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

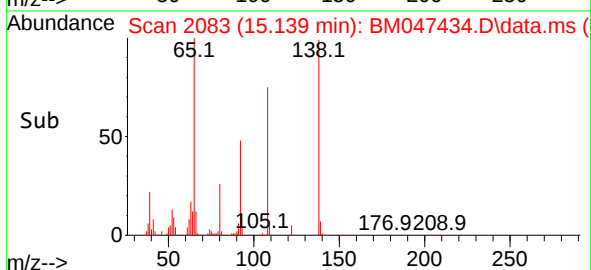
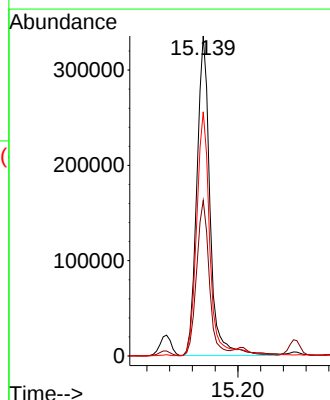
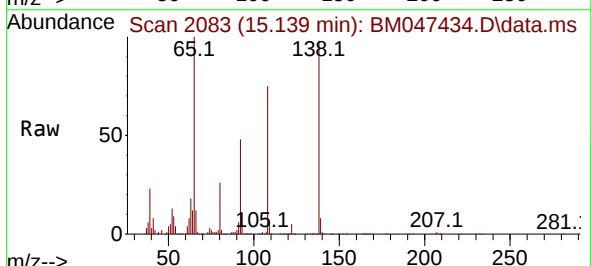
Instrument :  
BNA\_M  
ClientSampleId :

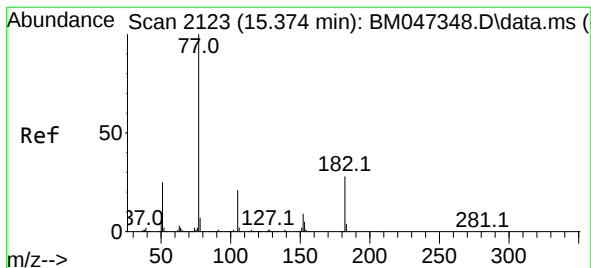
Tgt Ion:204 Resp: 1328668  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.5 39.7  
141 48.5 42.8 64.2



#62  
4-Nitroaniline  
Concen: 44.061 ng  
RT: 15.139 min Scan# 2083  
Delta R.T. 0.012 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion:138 Resp: 542745  
Ion Ratio Lower Upper  
138 100  
92 48.6 27.9 67.9  
108 76.3 58.7 98.7





#63

Azobenzene

Concen: 41.856 ng

RT: 15.369 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

Tgt Ion: 77 Resp: 2228335

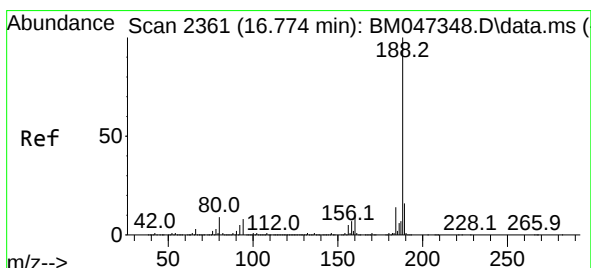
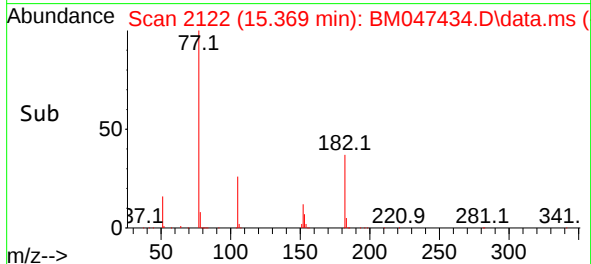
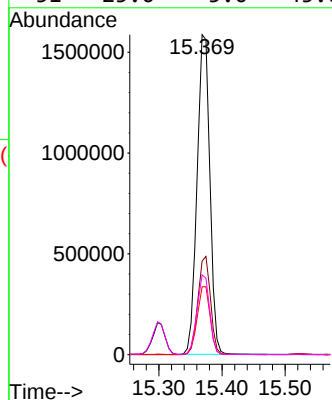
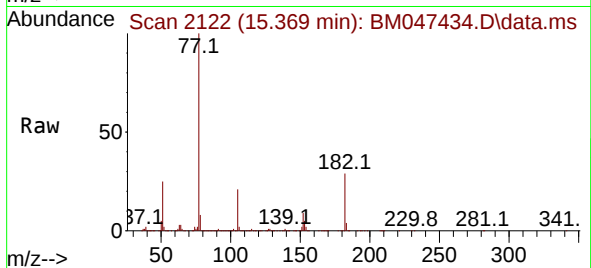
Ion Ratio Lower Upper

77 100

182 29.3 7.9 47.9

105 21.2 0.6 40.6

51 25.0 5.0 45.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 2361

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

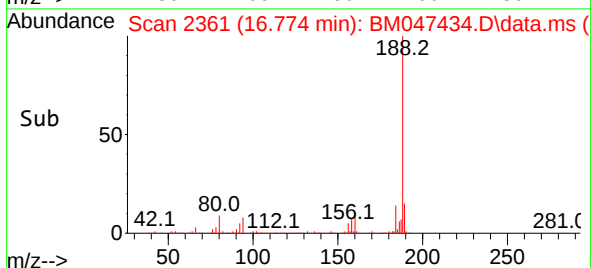
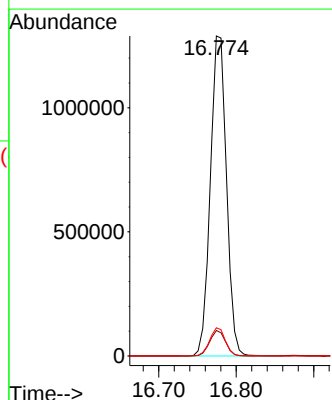
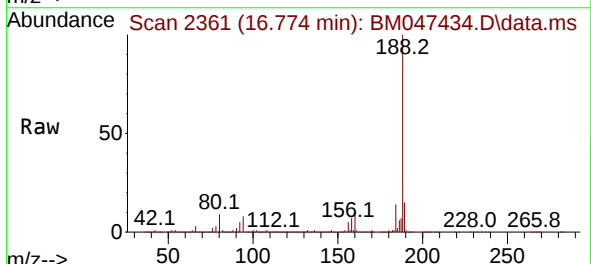
Tgt Ion:188 Resp: 1863503

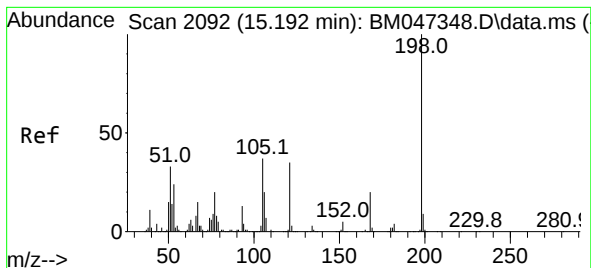
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.8 7.4 11.2

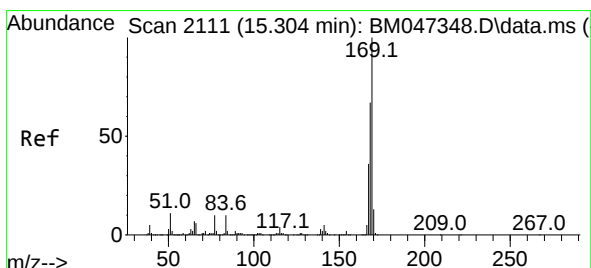
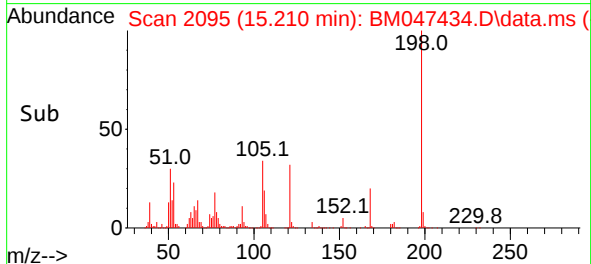
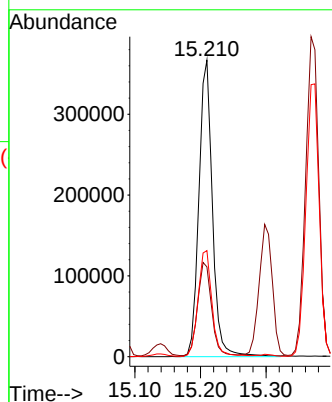
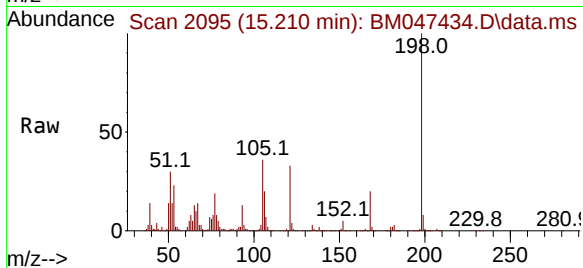




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 46.235 ng  
 RT: 15.210 min Scan# 2095  
 Delta R.T. 0.018 min  
 Lab File: BM047434.D  
 Acq: 04 Sep 2024 11:50

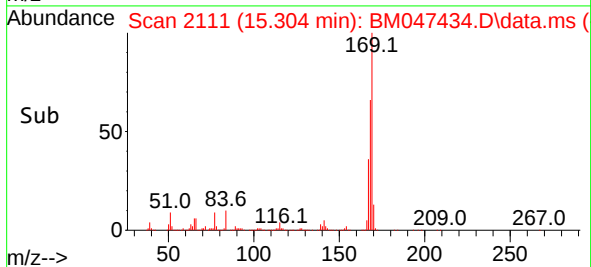
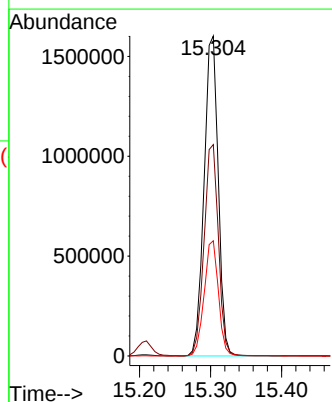
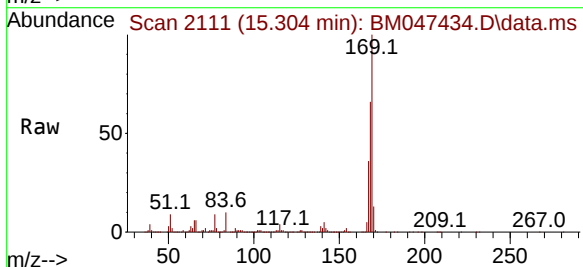
Instrument :  
 BNA\_M  
 ClientSampleId :

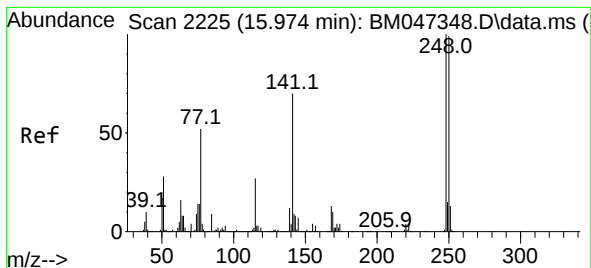
Tgt Ion:198 Resp: 528819  
 Ion Ratio Lower Upper  
 198 100  
 51 30.3 14.1 54.1  
 105 35.8 17.0 57.0



#66  
 n-Nitrosodiphenylamine  
 Concen: 43.659 ng  
 RT: 15.304 min Scan# 2111  
 Delta R.T. 0.000 min  
 Lab File: BM047434.D  
 Acq: 04 Sep 2024 11:50

Tgt Ion:169 Resp: 2226201  
 Ion Ratio Lower Upper  
 169 100  
 168 66.1 53.4 80.0  
 167 36.0 29.0 43.4

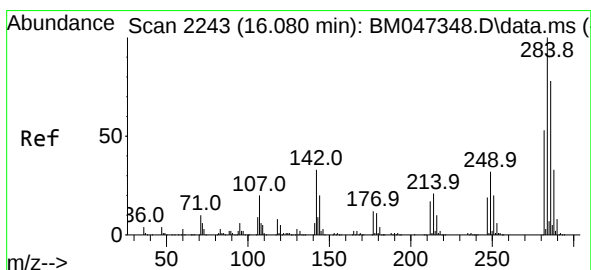
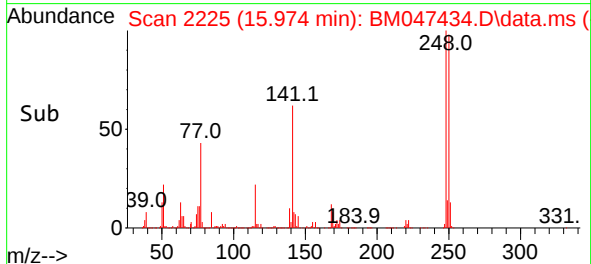
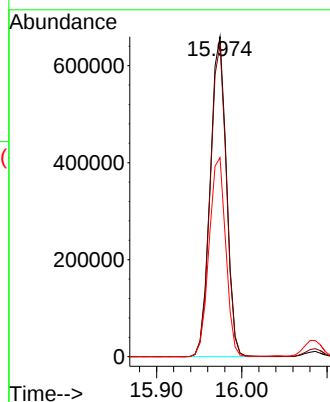
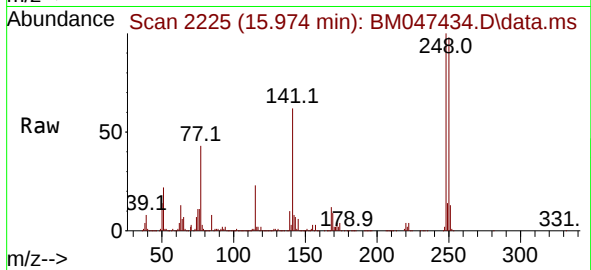




#67  
4-Bromophenyl-phenylether  
Concen: 44.457 ng  
RT: 15.974 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

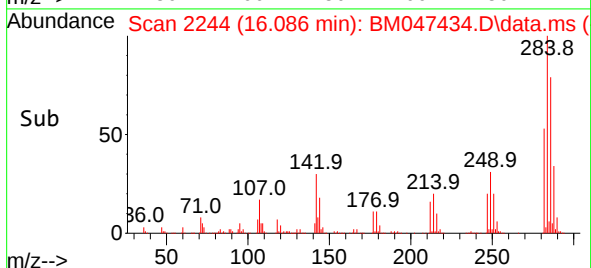
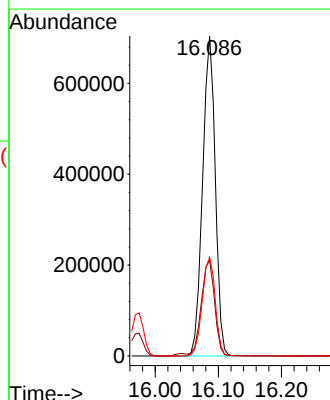
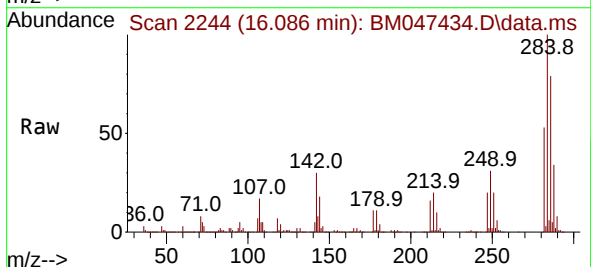
Instrument :  
BNA\_M  
ClientSampleId :

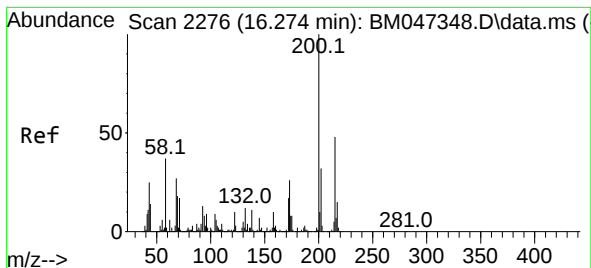
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.6  | 78.8  | 118.2 |
| 141     | 62.2  | 55.9  | 83.9  |



#68  
Hexachlorobenzene  
Concen: 43.119 ng  
RT: 16.086 min Scan# 2244  
Delta R.T. 0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.8  | 26.5  | 39.7  |
| 249     | 30.9  | 25.5  | 38.3  |





#69

Atrazine

Concen: 38.082 ng

RT: 16.274 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

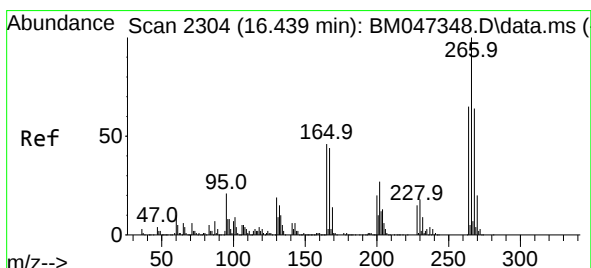
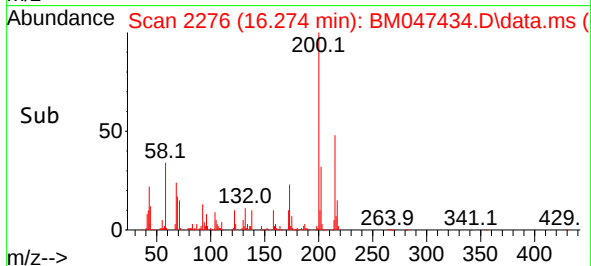
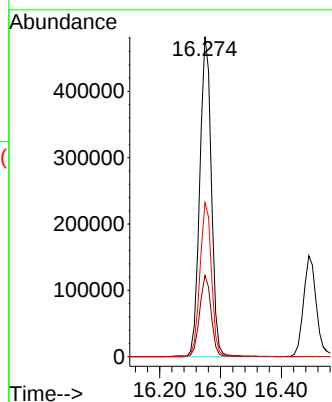
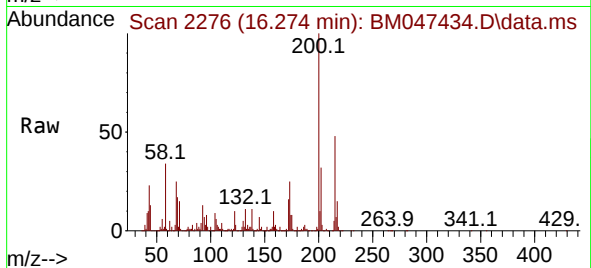
Tgt Ion:200 Resp: 634707

Ion Ratio Lower Upper

200 100

173 25.4 5.8 45.8

215 48.2 28.3 68.3



#70

Pentachlorophenol

Concen: 81.255 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

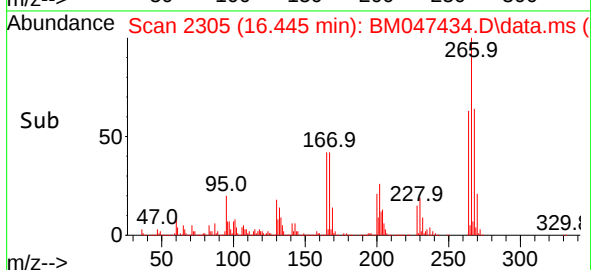
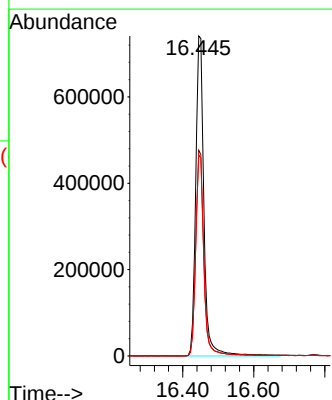
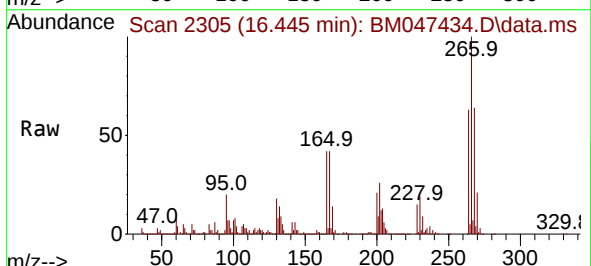
Tgt Ion:266 Resp: 1192828

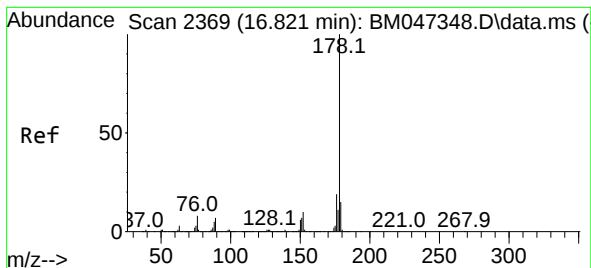
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.6

264 62.8 51.9 77.9





#71

Phenanthrene

Concen: 44.050 ng

RT: 16.821 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

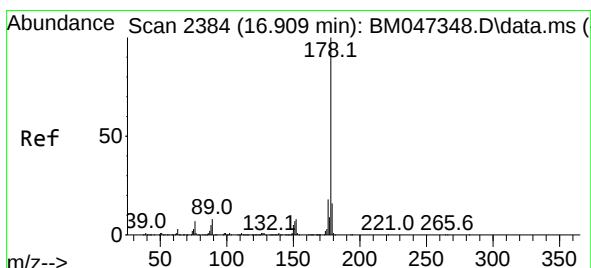
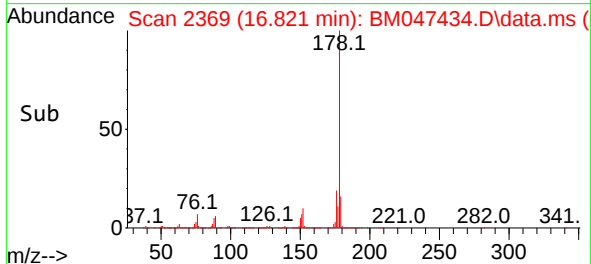
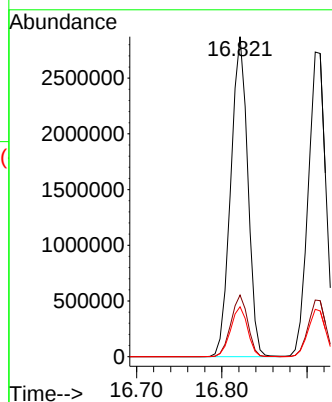
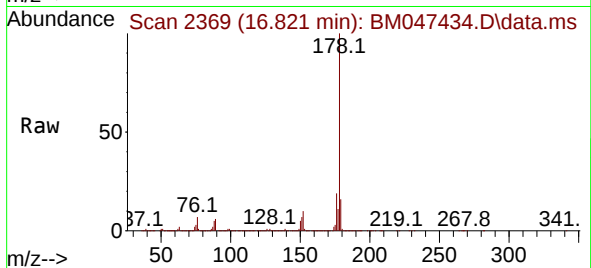
Tgt Ion:178 Resp: 3986491

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.6 12.2 18.4



#72

Anthracene

Concen: 44.738 ng

RT: 16.910 min Scan# 2384

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

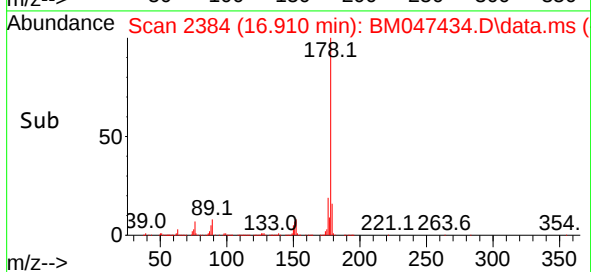
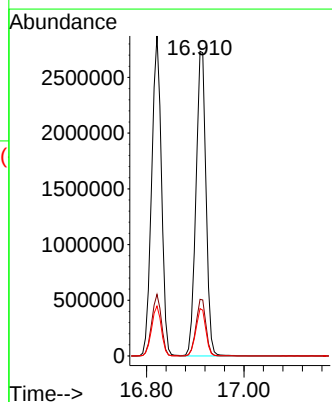
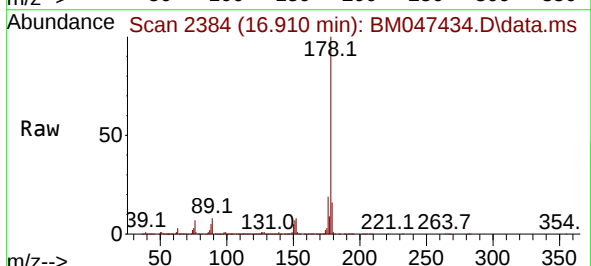
Tgt Ion:178 Resp: 3946856

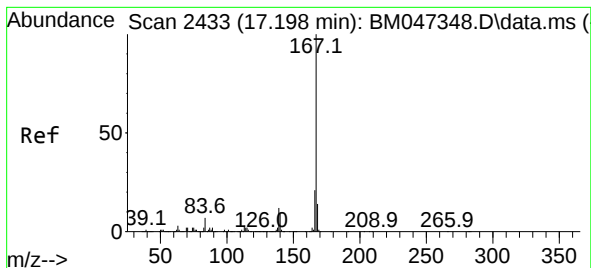
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.6 12.6 18.8





#73

Carbazole

Concen: 44.069 ng

RT: 17.198 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

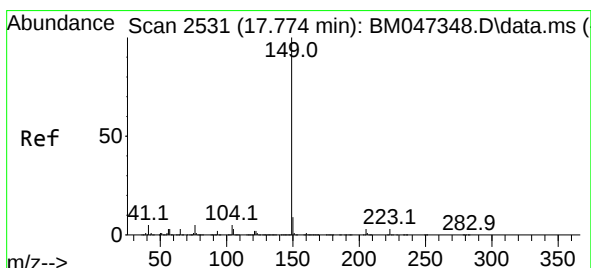
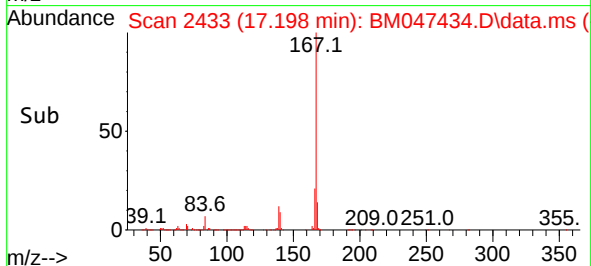
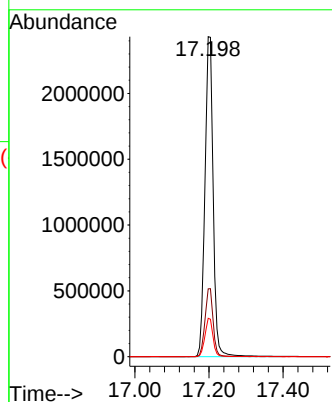
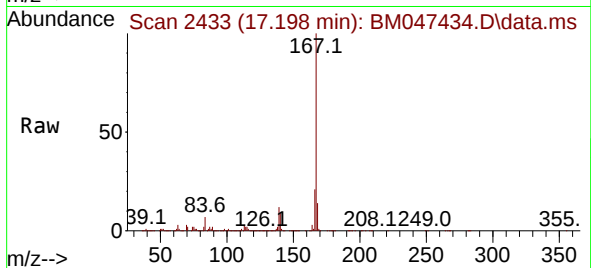
Tgt Ion:167 Resp: 3730791

Ion Ratio Lower Upper

167 100

166 21.2 16.9 25.3

139 12.0 9.5 14.3



#74

Di-n-butylphthalate

Concen: 44.314 ng

RT: 17.768 min Scan# 2530

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

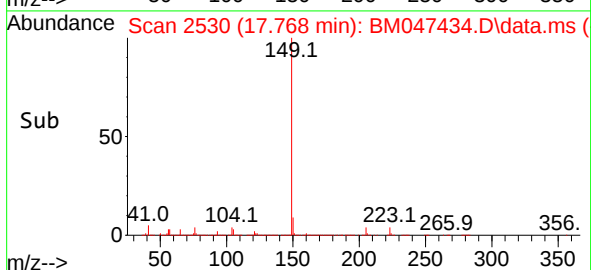
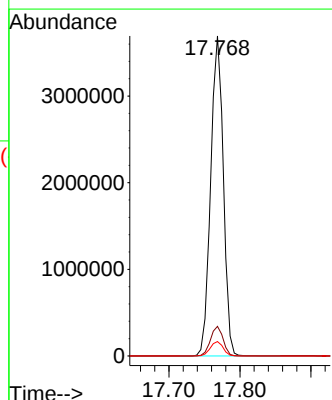
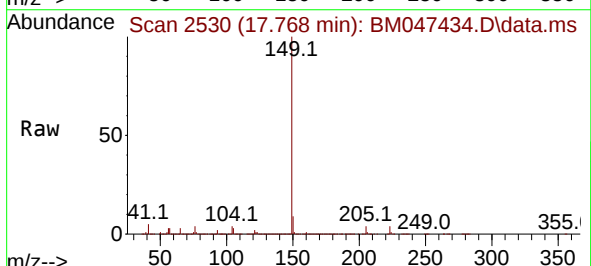
Tgt Ion:149 Resp: 4568250

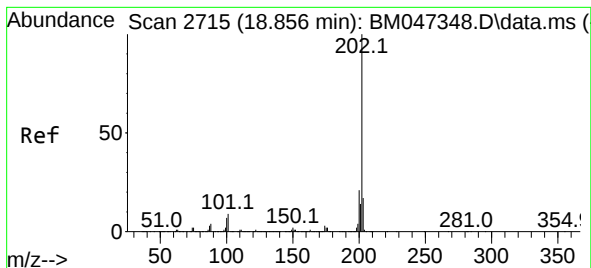
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

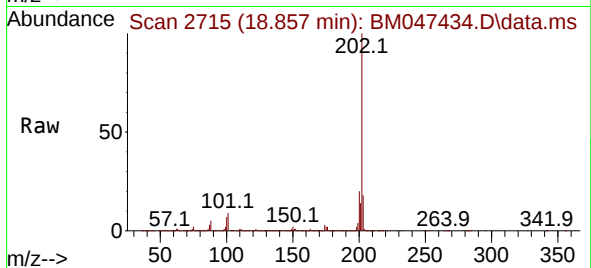
104 4.5 3.8 5.6



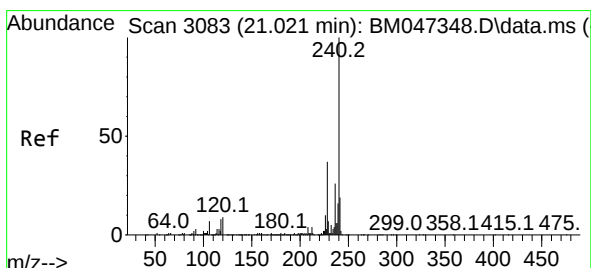
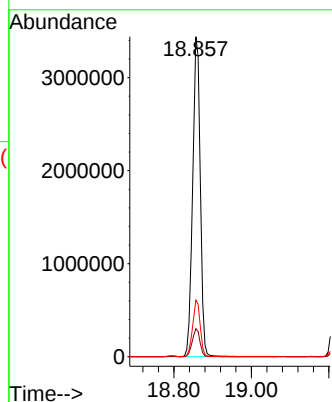
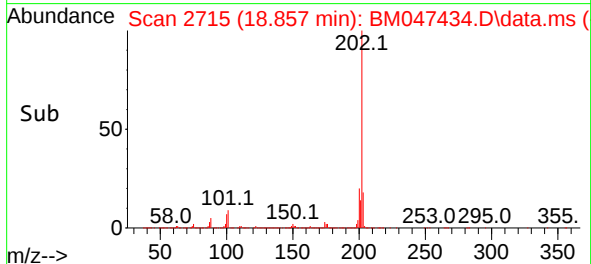


#75  
Fluoranthene  
Concen: 44.092 ng  
RT: 18.857 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

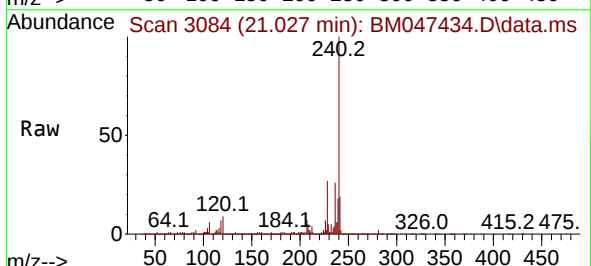
Instrument :  
BNA\_M  
ClientSampleId :



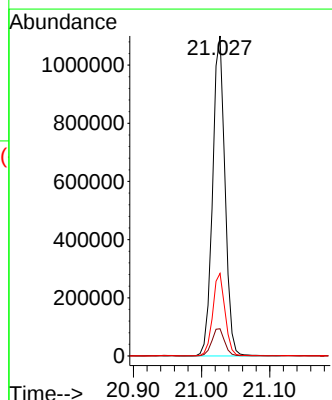
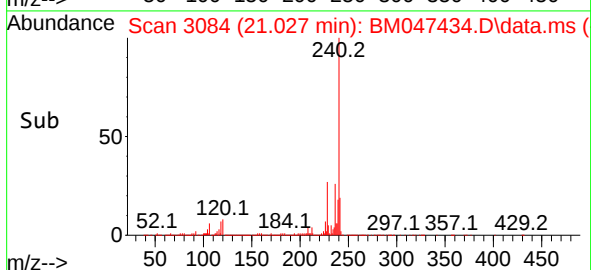
Tgt Ion:202 Resp: 4685325  
Ion Ratio Lower Upper  
202 100  
101 8.7 0.0 29.0  
203 17.7 0.0 37.5

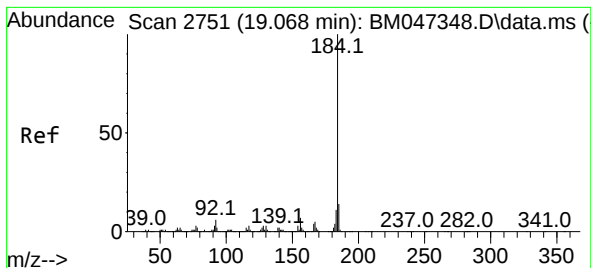


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.027 min Scan# 3084  
Delta R.T. 0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50



Tgt Ion:240 Resp: 1391196  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.4 11.0  
236 25.8 20.8 31.2





#77

Benzidine

Concen: 15.834 ng

RT: 19.074 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

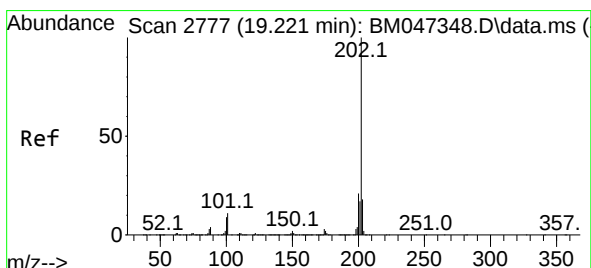
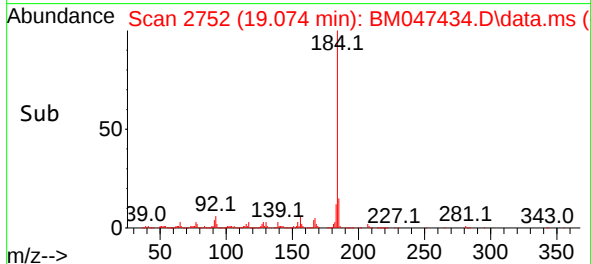
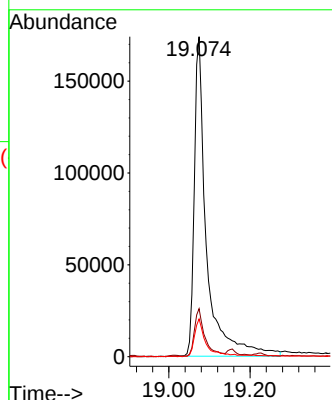
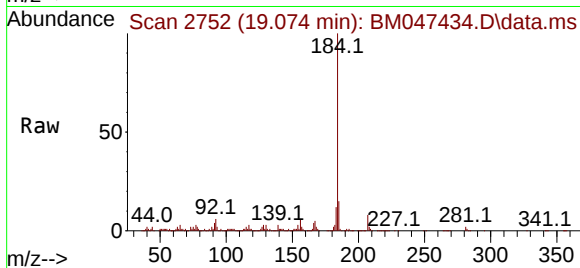
Tgt Ion:184 Resp: 367704

Ion Ratio Lower Upper

184 100

185 15.0 11.5 17.3

183 11.8 9.2 13.8



#78

Pyrene

Concen: 44.696 ng

RT: 19.227 min Scan# 2778

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

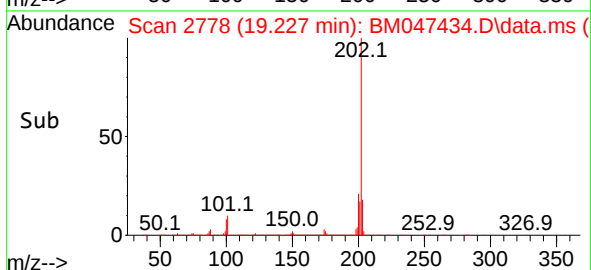
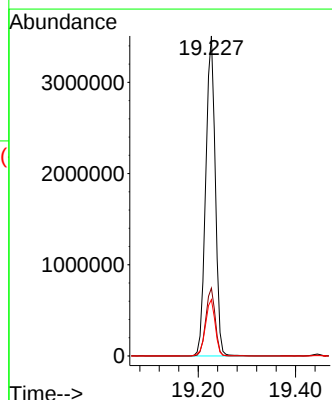
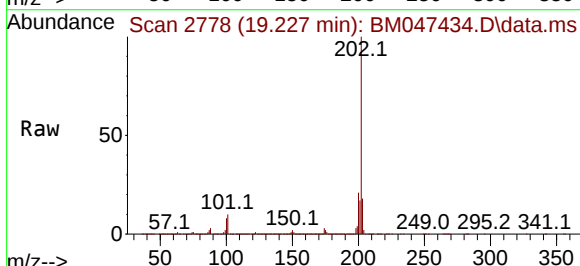
Tgt Ion:202 Resp: 4769059

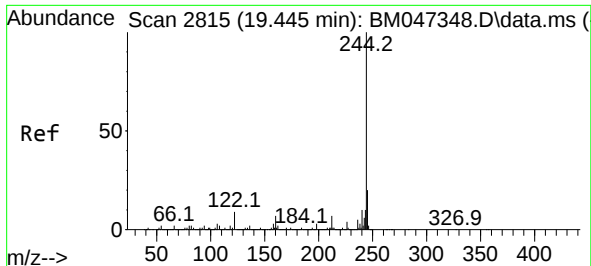
Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

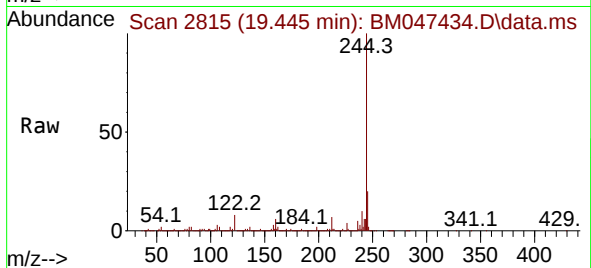
203 17.6 14.2 21.4



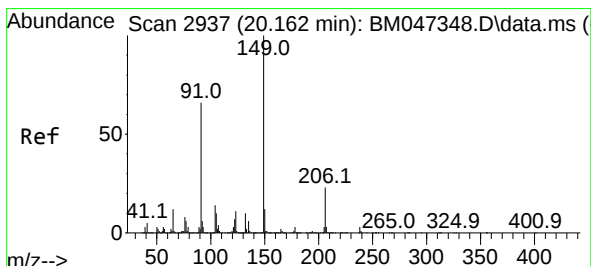
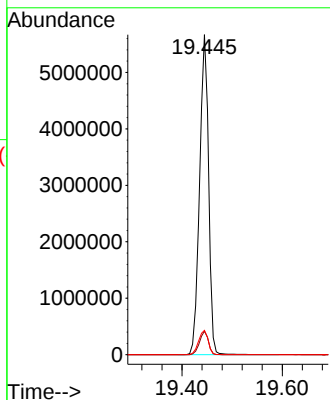
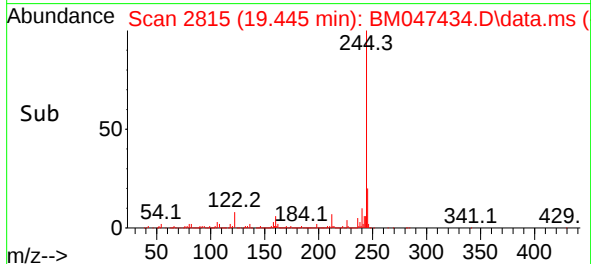


#79  
 Terphenyl-d14  
 Concen: 89.856 ng  
 RT: 19.445 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM047434.D  
 Acq: 04 Sep 2024 11:50

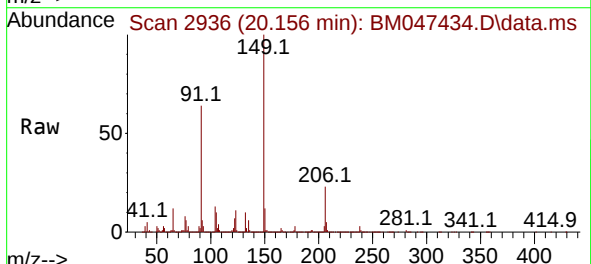
Instrument :  
 BNA\_M  
 ClientSampleId :



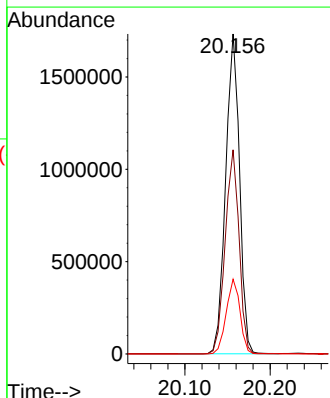
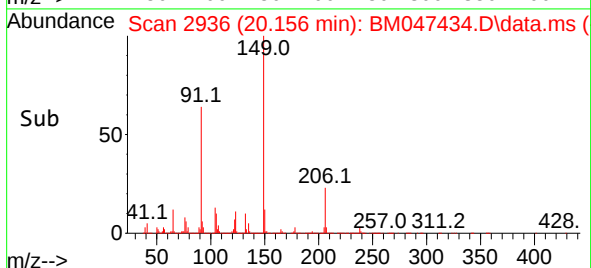
Tgt Ion:244 Resp: 7023063  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.0 9.0  
 122 7.6 7.0 10.4

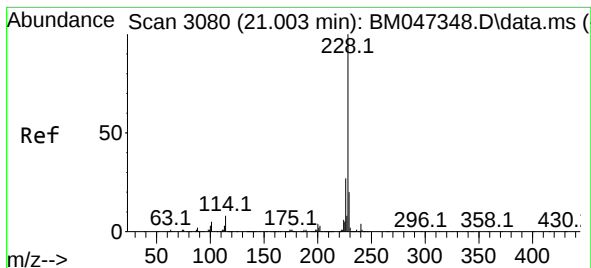


#80  
 Butylbenzylphthalate  
 Concen: 46.872 ng  
 RT: 20.156 min Scan# 2936  
 Delta R.T. -0.006 min  
 Lab File: BM047434.D  
 Acq: 04 Sep 2024 11:50



Tgt Ion:149 Resp: 1957096  
 Ion Ratio Lower Upper  
 149 100  
 91 63.8 52.6 79.0  
 206 23.3 18.2 27.2





#81

Benzo(a)anthracene

Concen: 45.163 ng

RT: 21.009 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

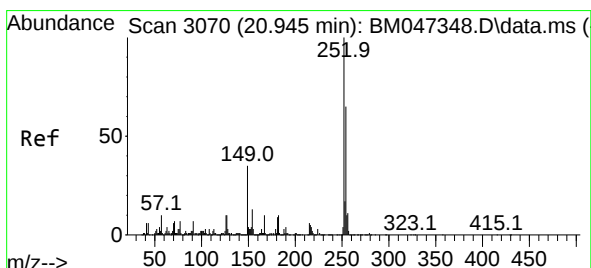
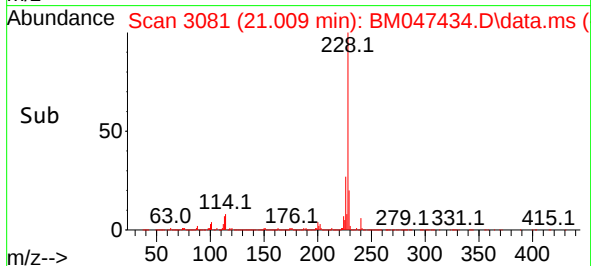
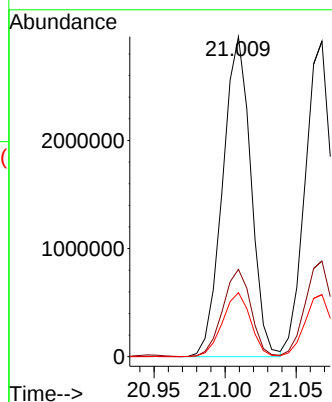
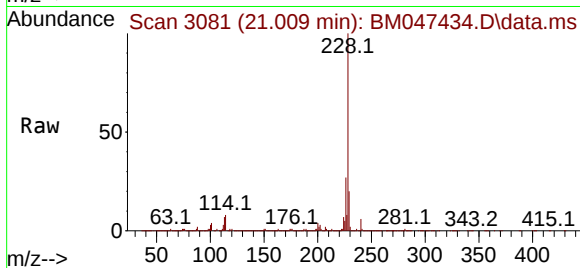
Tgt Ion:228 Resp: 4097434

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.0

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 40.657 ng

RT: 20.951 min Scan# 3071

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

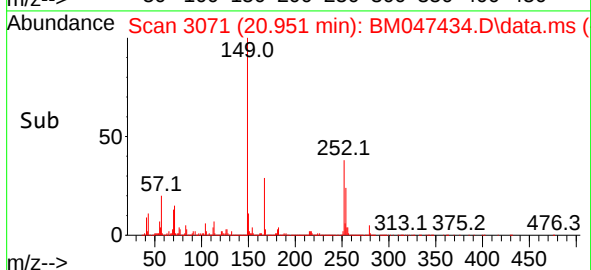
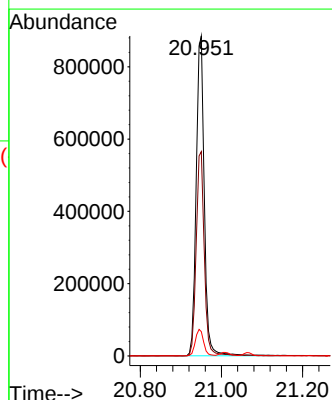
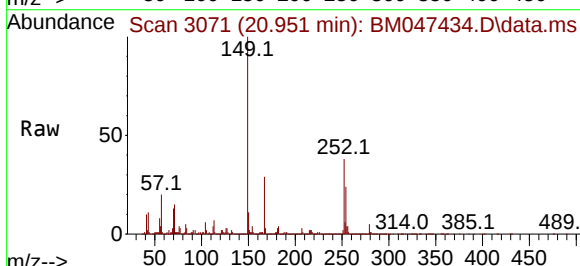
Tgt Ion:252 Resp: 1240781

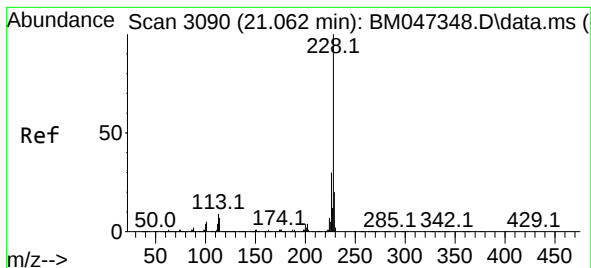
Ion Ratio Lower Upper

252 100

254 63.8 52.1 78.1

126 7.6 7.9 11.9#





#83

Chrysene

Concen: 44.718 ng

RT: 21.068 min Scan# 3090

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

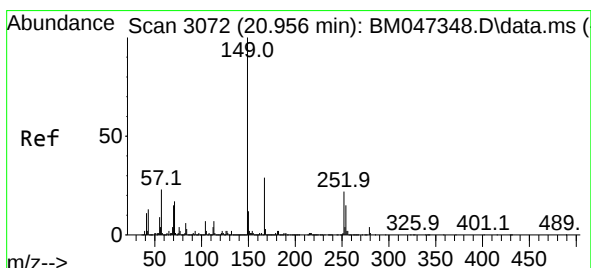
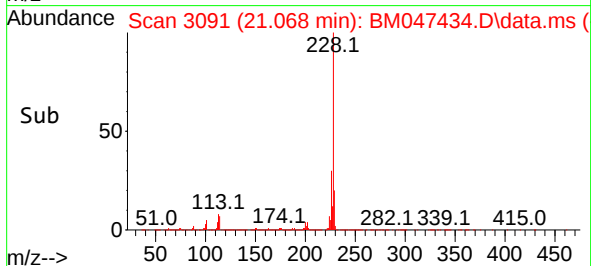
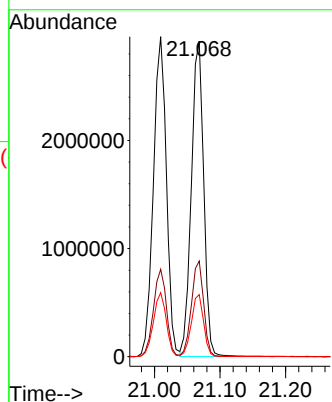
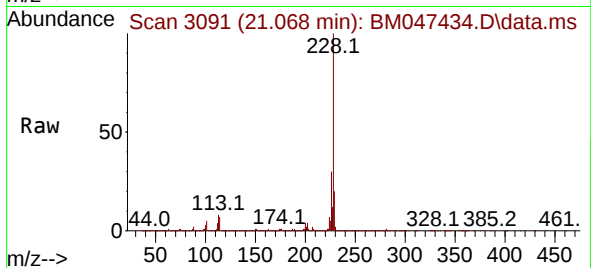
Tgt Ion:228 Resp: 3816286

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.776 ng

RT: 20.951 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

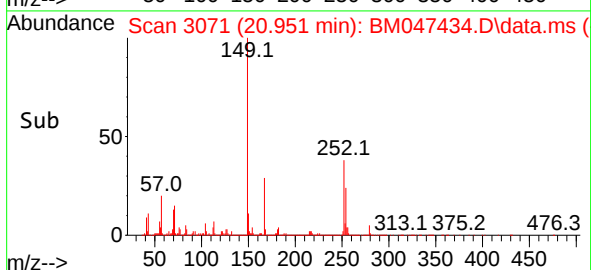
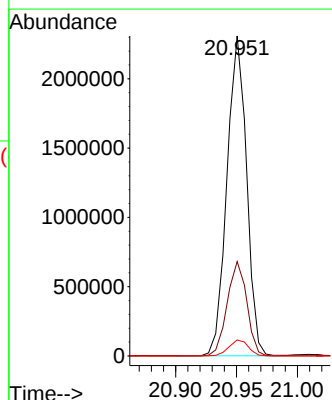
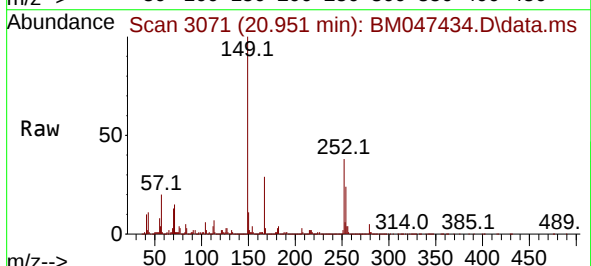
Tgt Ion:149 Resp: 2583406

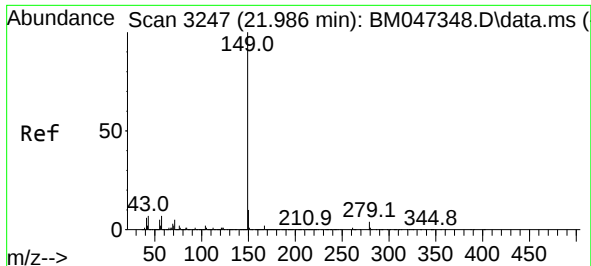
Ion Ratio Lower Upper

149 100

167 29.5 23.1 34.7

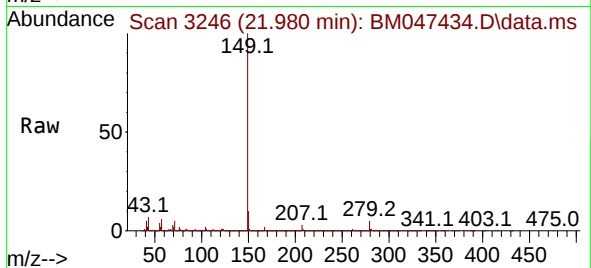
279 5.0 3.3 4.9#



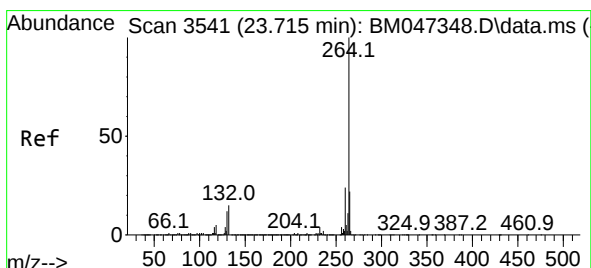
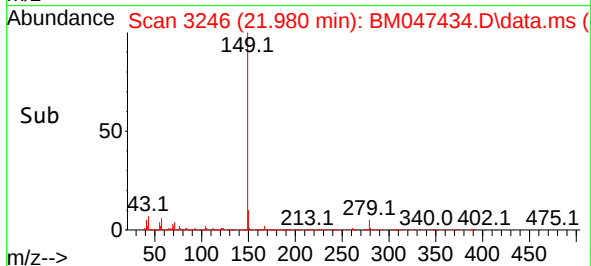
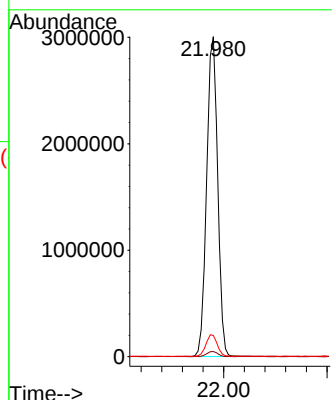


#85  
Di-n-octyl phthalate  
Concen: 44.710 ng  
RT: 21.980 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Instrument :  
BNA\_M  
ClientSampleId :

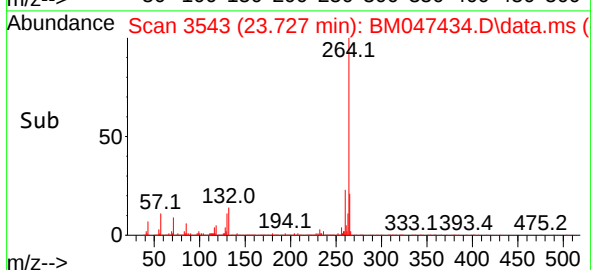
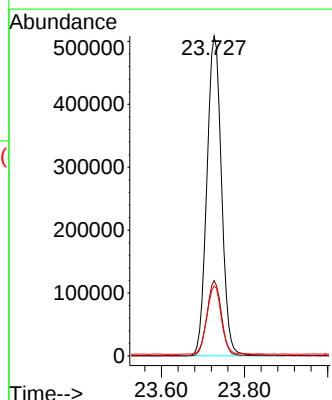
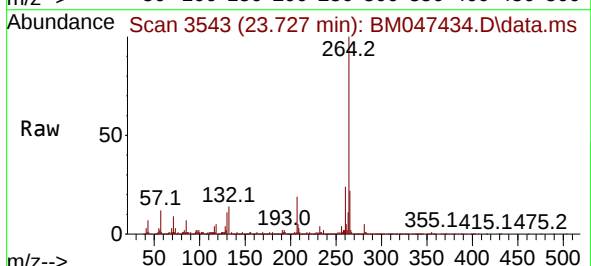


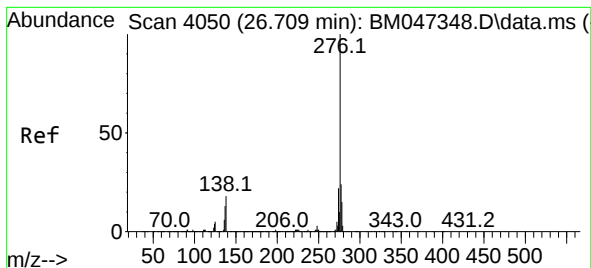
Tgt Ion:149 Resp: 4440989  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 6.9 6.1 9.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.727 min Scan# 3543  
Delta R.T. 0.012 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion:264 Resp: 1244257  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.0 28.4  
265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.993 ng

RT: 26.756 min Scan# 40

Delta R.T. 0.047 min

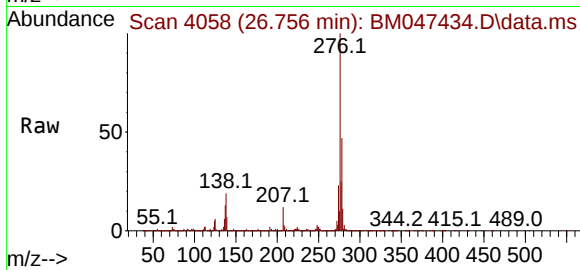
Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :



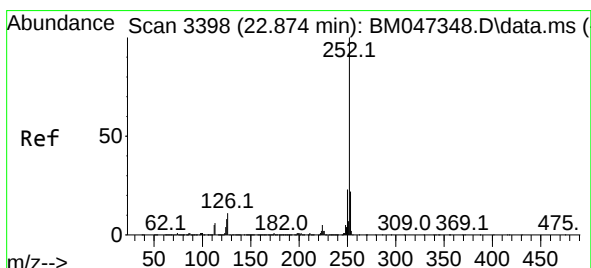
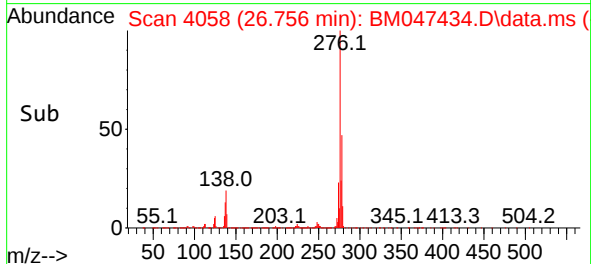
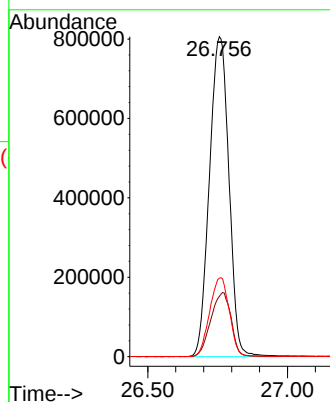
Tgt Ion:276 Resp: 3893979

Ion Ratio Lower Upper

276 100

138 20.9 17.7 26.5

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.787 ng

RT: 22.886 min Scan# 3400

Delta R.T. 0.012 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

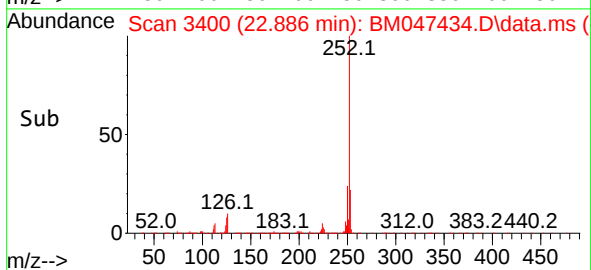
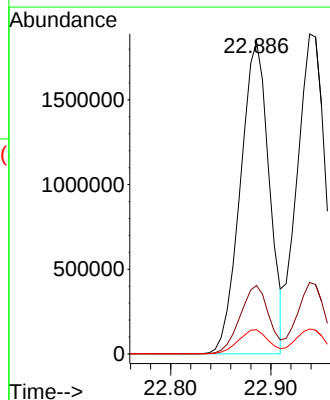
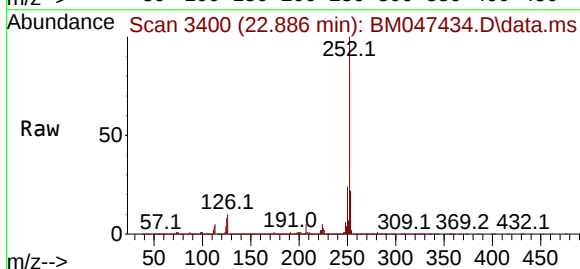
Tgt Ion:252 Resp: 3686725

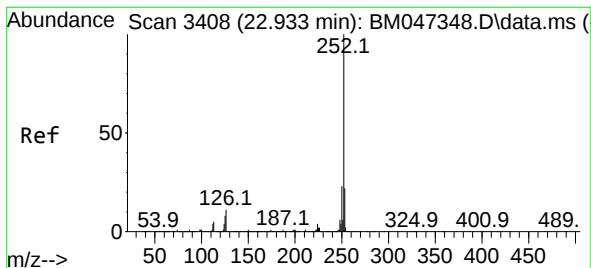
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 7.7 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 53.795 ng

RT: 22.939 min Scan# 3408

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA\_M

ClientSampleId :

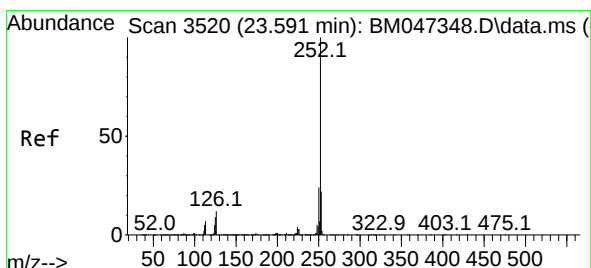
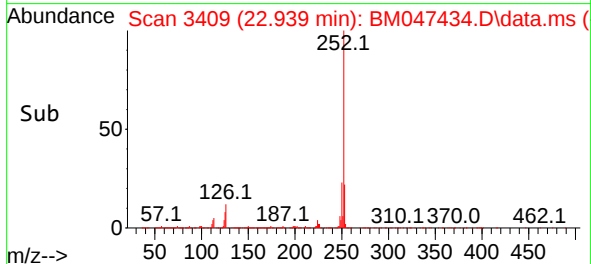
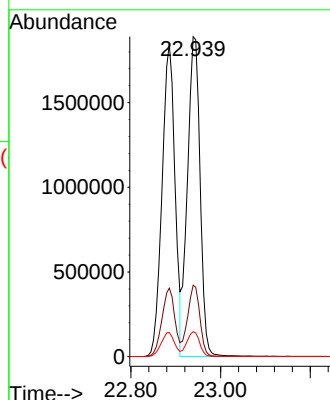
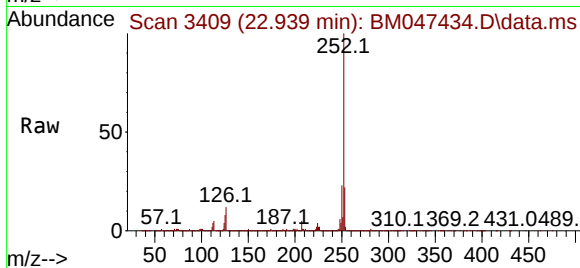
Tgt Ion:252 Resp: 3701960

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 7.8 6.6 9.8



#90

Benzo(a)pyrene

Concen: 53.124 ng

RT: 23.603 min Scan# 3522

Delta R.T. 0.012 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

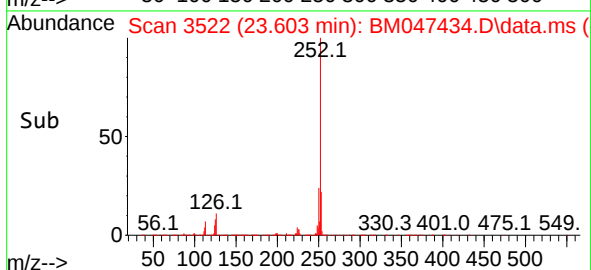
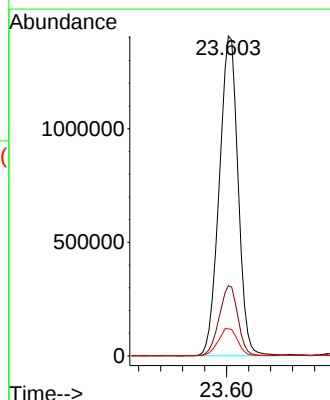
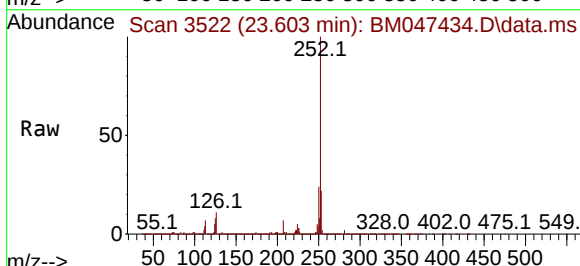
Tgt Ion:252 Resp: 3334980

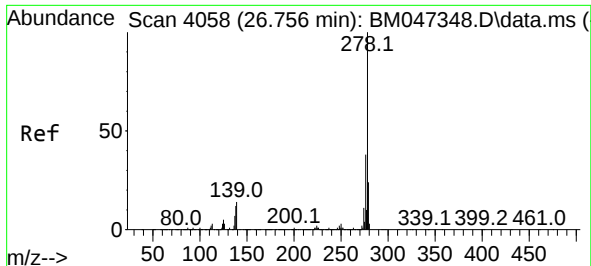
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

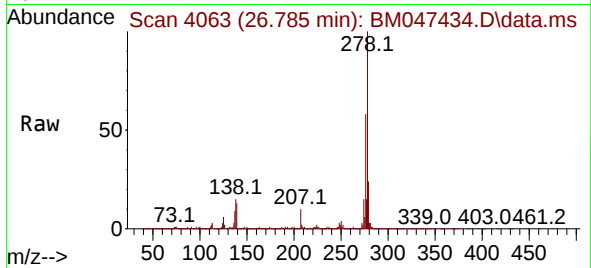
125 8.5 7.4 11.2



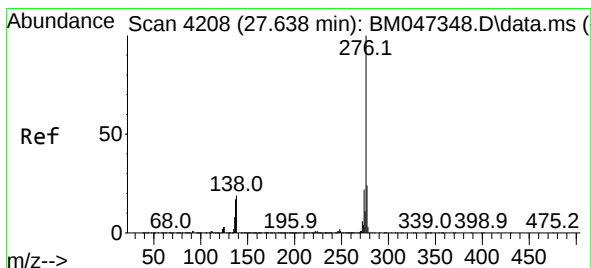
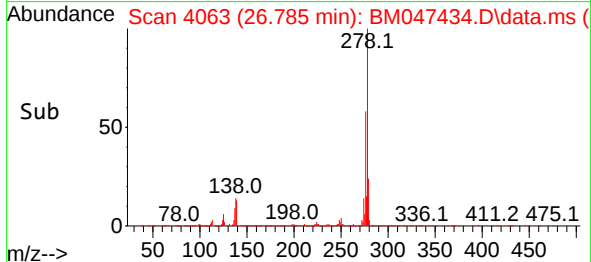
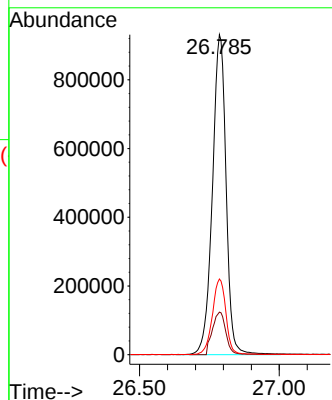


#91  
Dibenzo(a,h)anthracene  
Concen: 50.190 ng  
RT: 26.785 min Scan# 4058  
Delta R.T. 0.030 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Instrument :  
BNA\_M  
ClientSampleId :



Tgt Ion:278 Resp: 3167036  
Ion Ratio Lower Upper  
278 100  
139 13.3 11.1 16.7  
279 23.7 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 47.367 ng  
RT: 27.691 min Scan# 4217  
Delta R.T. 0.053 min  
Lab File: BM047434.D  
Acq: 04 Sep 2024 11:50

Tgt Ion:276 Resp: 3107259  
Ion Ratio Lower Upper  
276 100  
277 22.8 19.4 29.0  
138 17.5 15.0 22.6

