

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081624\  
 Data File : BM047229.D  
 Acq On : 16 Aug 2024 11:07  
 Operator : RC/JU  
 Sample : PB162754BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162754BS

Quant Time: Aug 16 12:00:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Aug 11 23:47:58 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.363  | 152  | 347663   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.122 | 136  | 1225481  | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.022 | 164  | 688826   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 16.786 | 188  | 1226170  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.027 | 240  | 924825   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.715 | 264  | 1166129  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.022  | 112  | 2361184  | 121.355 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.581  | 99   | 2893959  | 107.944 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.516  | 82   | 1942601  | 79.819  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.533 | 330  | 929570   | 116.385 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.633 | 172  | 3978693  | 89.097  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.451 | 244  | 4461207  | 103.364 | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.034  | 88   | 258436   | 32.057  | ng    | 98       |
| 3) Pyridine                   | 3.405  | 79   | 677075   | 28.641  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.322  | 42   | 413536   | 40.040  | ng    | 98       |
| 6) Aniline                    | 6.716  | 93   | 681572   | 26.897  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.940  | 128  | 957564   | 45.123  | ng    | 99       |
| 9) Benzaldehyde               | 6.528  | 77   | 355606   | 21.054  | ng    | 100      |
| 10) Phenol                    | 6.610  | 94   | 1077852  | 40.291  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.816  | 93   | 945558   | 41.274  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.251  | 146  | 1089013  | 43.185  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.398  | 146  | 1100307  | 43.095  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.704  | 146  | 1053332  | 43.724  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.616  | 79   | 815873   | 42.759  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.887  | 45   | 1210978  | 41.194  | ng    | 99       |
| 17) 2-Methylphenol            | 7.828  | 107  | 722092   | 40.460  | ng    | 98       |
| 18) Hexachloroethane          | 8.416  | 117  | 424168   | 42.888  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.175  | 70   | 664026   | 36.770  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.157  | 107  | 966663   | 38.743  | ng    | 98       |
| 22) Acetophenone              | 8.187  | 105  | 1189823  | 40.222  | ng    | 99       |
| 24) Nitrobenzene              | 8.557  | 77   | 1025219  | 41.834  | ng    | 97       |
| 25) Isophorone                | 9.081  | 82   | 1800244  | 42.483  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.251  | 139  | 520954   | 48.000  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.334  | 122  | 618403   | 48.643  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.563  | 93   | 1160850  | 43.536  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 9.787  | 162  | 874779   | 46.374  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 9.987  | 180  | 1008132  | 47.225  | ng    | 99       |
| 31) Naphthalene               | 10.169 | 128  | 2644875  | 43.324  | ng    | 99       |
| 32) Benzoic acid              | 9.516  | 122  | 552797   | 37.426  | ng    | 96       |
| 33) 4-Chloroaniline           | 10.298 | 127  | 487096   | 20.748  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.451 | 225  | 615808   | 49.285  | ng    | 100      |
| 35) Caprolactam               | 11.098 | 113  | 211931m  | 32.351  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.445 | 107  | 787603   | 39.205  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 11.798 | 142  | 1805130  | 41.529  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.022 | 142  | 1668818  | 38.847  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.181 | 216  | 926068   | 49.290  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.151 | 237  | 904279   | 137.836 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.439 | 196  | 668680   | 50.074  | ng    | 100      |

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Quant Time: Aug 16 12:00:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Aug 11 23:47:58 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.516 | 196  | 643602   | 43.408 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 12.845 | 154  | 2098225  | 42.787 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 12.880 | 162  | 1736515  | 45.306 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.104 | 65   | 497281   | 41.413 | ng    | 99       |
| 49) Acenaphthylene            | 13.739 | 152  | 2672273  | 47.299 | ng    | 99       |
| 50) Dimethylphthalate         | 13.504 | 163  | 2054116  | 42.698 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.622 | 165  | 456167   | 40.563 | ng    | 92       |
| 52) Acenaphthene              | 14.086 | 154  | 1552324  | 43.315 | ng    | 100      |
| 53) 3-Nitroaniline            | 13.951 | 138  | 329124   | 29.206 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.169 | 184  | 532957   | 79.071 | ng    | 95       |
| 55) Dibenzofuran              | 14.427 | 168  | 2460795  | 43.471 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.298 | 139  | 707436   | 72.802 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.422 | 165  | 592233   | 39.454 | ng    | 98       |
| 58) Fluorene                  | 15.086 | 166  | 1929510  | 41.310 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.669 | 232  | 544397   | 44.675 | ng    | 95       |
| 60) Diethylphthalate          | 14.886 | 149  | 1977331  | 40.249 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.092 | 204  | 957159   | 43.044 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.127 | 138  | 377459   | 34.000 | ng    | 98       |
| 63) Azobenzene                | 15.386 | 77   | 1867546  | 40.093 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.192 | 198  | 349137   | 48.633 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.316 | 169  | 1633698  | 48.916 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 15.986 | 248  | 597405   | 50.561 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.092 | 284  | 684847   | 48.396 | ng    | 96       |
| 69) Atrazine                  | 16.286 | 200  | 488747   | 48.632 | ng    | 99       |
| 70) Pentachlorophenol         | 16.445 | 266  | 849159   | 85.604 | ng    | 99       |
| 71) Phenanthrene              | 16.827 | 178  | 2798487  | 45.477 | ng    | 100      |
| 72) Anthracene                | 16.921 | 178  | 2817787  | 47.060 | ng    | 100      |
| 73) Carbazole                 | 17.198 | 167  | 2536421  | 41.489 | ng    | 99       |
| 74) Di-n-butylphthalate       | 17.786 | 149  | 3195659  | 44.924 | ng    | 99       |
| 75) Fluoranthene              | 18.862 | 202  | 3030759  | 40.492 | ng    | 99       |
| 77) Benzidine                 | 19.068 | 184  | 705995   | 45.015 | ng    | 99       |
| 78) Pyrene                    | 19.227 | 202  | 3132040  | 47.430 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.168 | 149  | 1337162  | 49.618 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.009 | 228  | 2936288  | 47.826 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 20.951 | 252  | 914584   | 47.611 | ng    | 98       |
| 83) Chrysene                  | 21.062 | 228  | 2749477  | 47.201 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 20.968 | 149  | 1901034  | 49.742 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 21.997 | 149  | 3292944  | 50.692 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.715 | 276  | 4396180  | 58.323 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 22.880 | 252  | 3231937  | 46.669 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 22.933 | 252  | 3218611  | 49.206 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.597 | 252  | 3173785  | 52.905 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.768 | 278  | 3508858  | 57.522 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 27.644 | 276  | 3554917  | 56.130 | ng    | 99       |

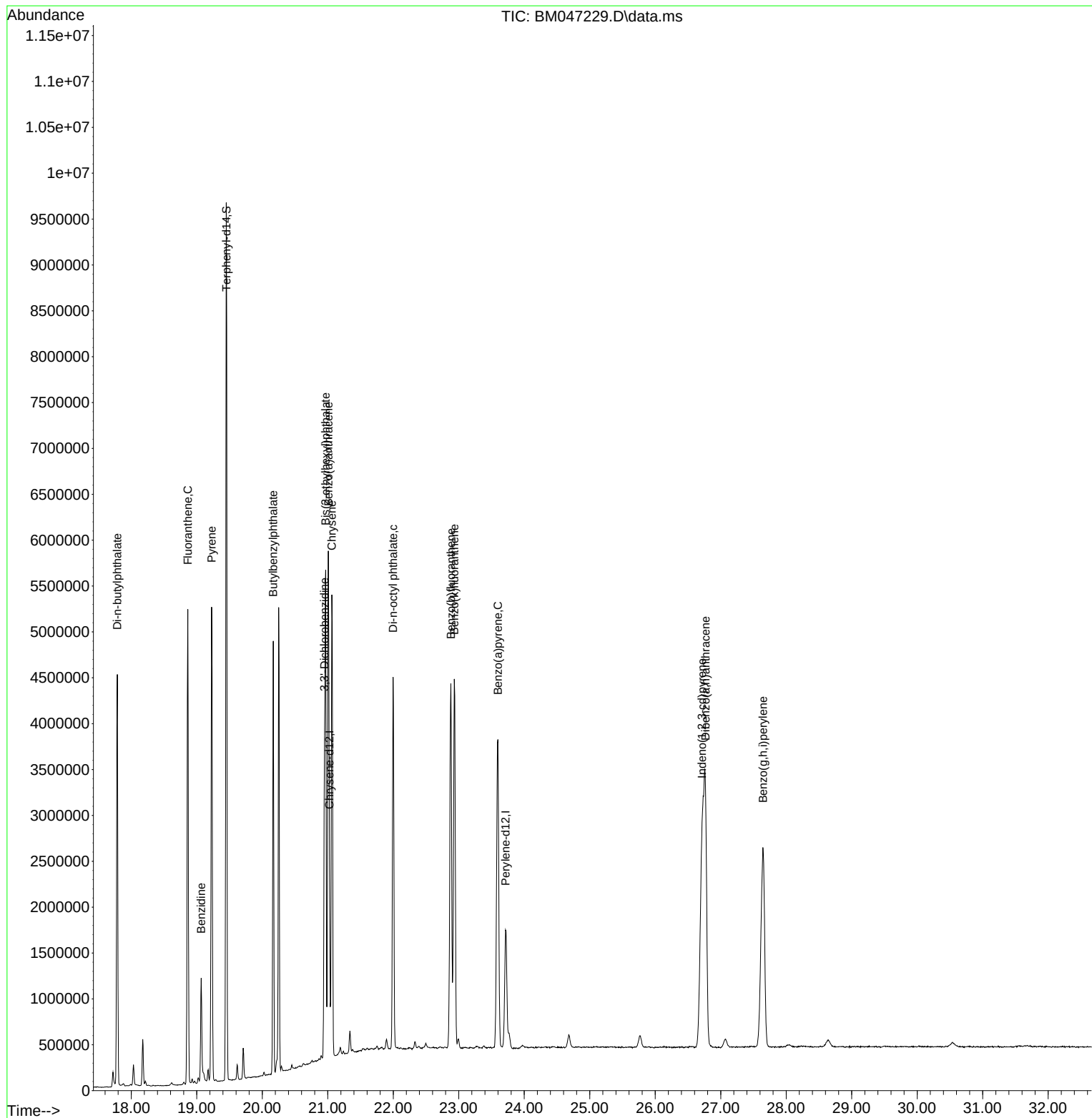
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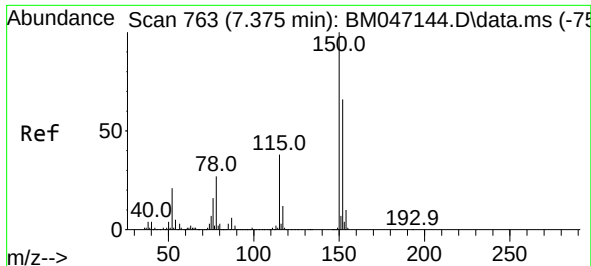


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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Aug 11 23:47:58 2024  
Response via : Initial Calibration

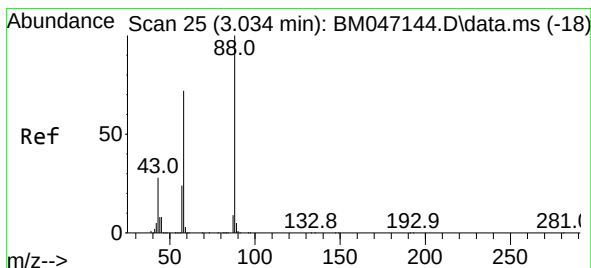
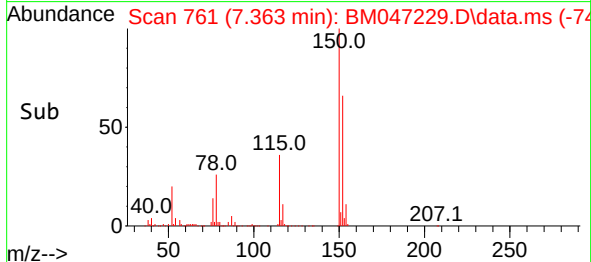
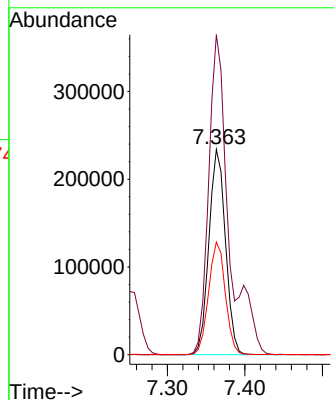
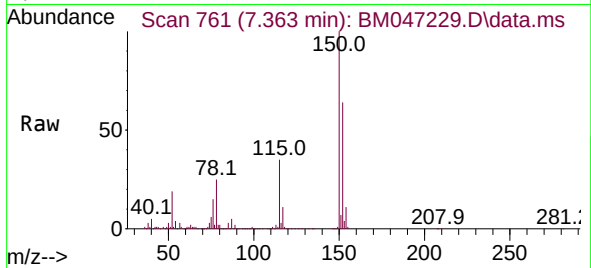




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.363 min Scan# 70  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

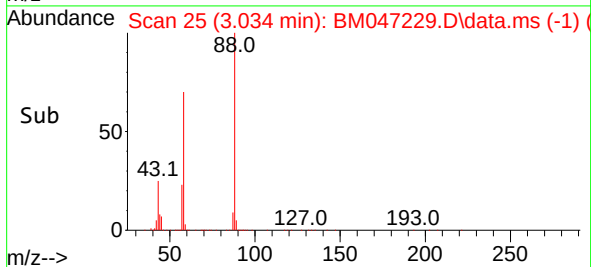
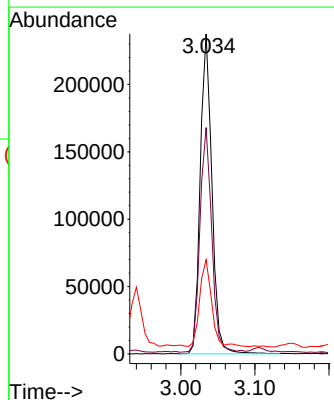
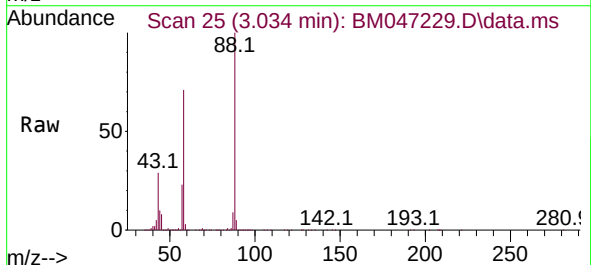
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

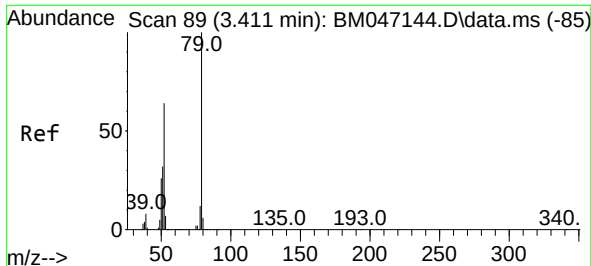
Tgt Ion:152 Resp: 347663  
Ion Ratio Lower Upper  
152 100  
150 155.9 120.5 180.7  
115 54.9 45.5 68.3



#2  
1,4-Dioxane  
Concen: 32.057 ng  
RT: 3.034 min Scan# 25  
Delta R.T. -0.000 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion: 88 Resp: 258436  
Ion Ratio Lower Upper  
88 100  
58 71.0 58.2 87.4  
43 27.7 22.5 33.7



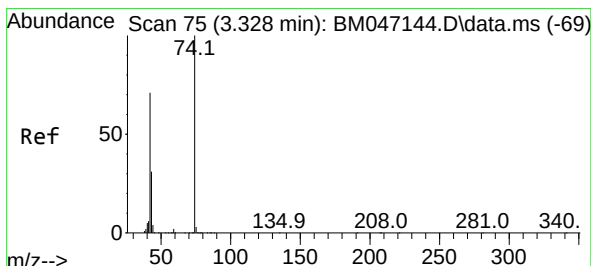
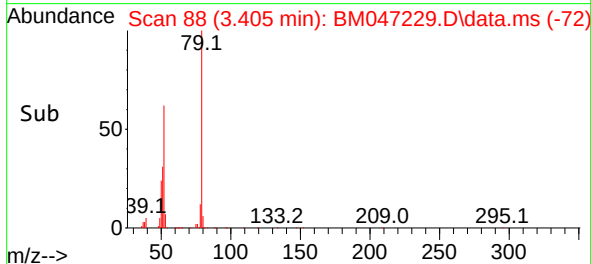
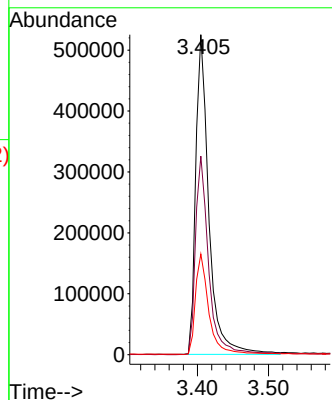
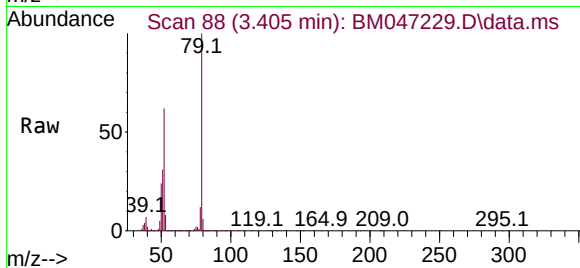


#3  
 Pyridine  
 Concen: 28.641 ng  
 RT: 3.405 min Scan# 89  
 Delta R.T. -0.006 min  
 Lab File: BM047229.D  
 Acq: 16 Aug 2024 11:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162754BS

Tgt Ion: 79 Resp: 677075  

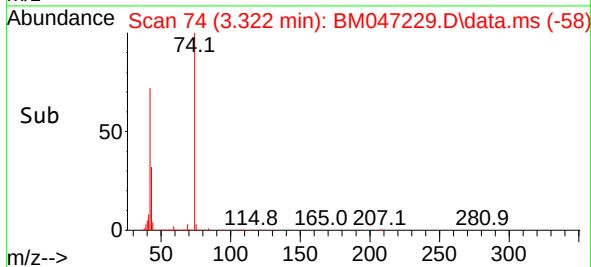
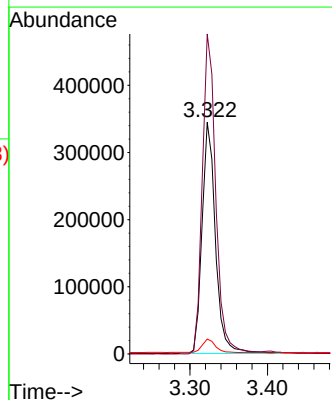
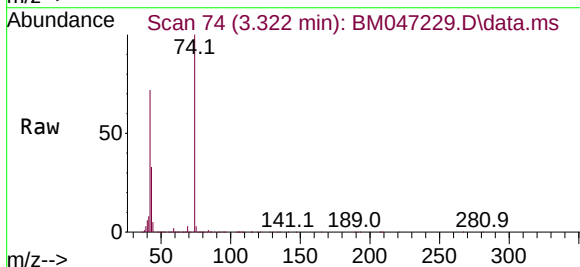
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 62.0  | 51.2  | 76.8  |
| 51  | 31.5  | 26.1  | 39.1  |

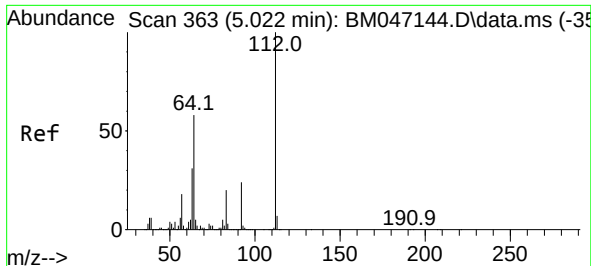


#4  
 n-Nitrosodimethylamine  
 Concen: 40.040 ng  
 RT: 3.322 min Scan# 74  
 Delta R.T. -0.006 min  
 Lab File: BM047229.D  
 Acq: 16 Aug 2024 11:07

Tgt Ion: 42 Resp: 413536  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 138.2 | 112.9 | 169.3 |
| 44  | 6.4   | 5.3   | 7.9   |

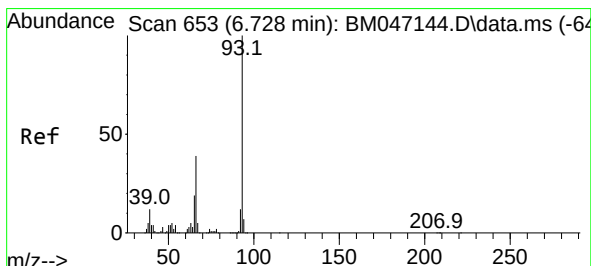
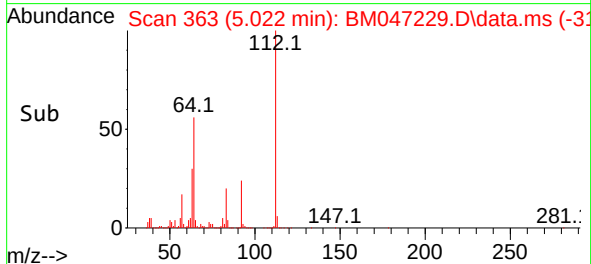
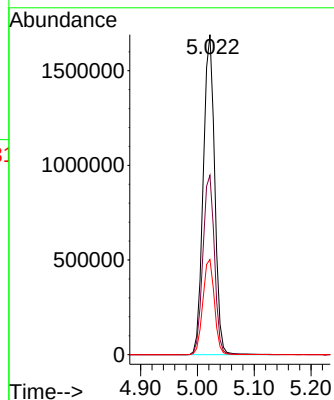
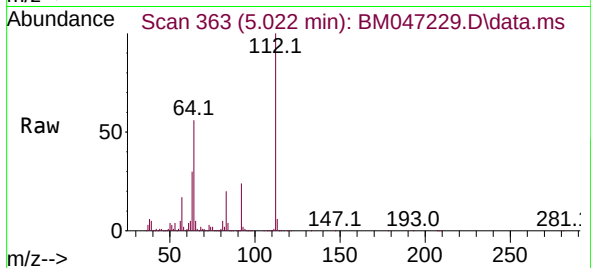




#5  
2-Fluorophenol  
Concen: 121.355 ng  
RT: 5.022 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

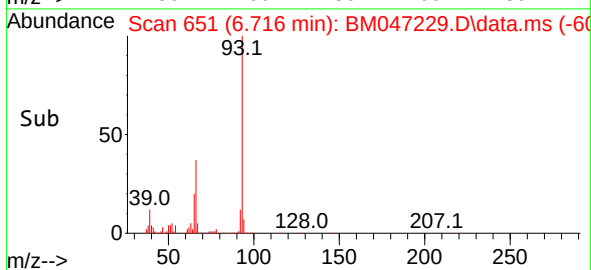
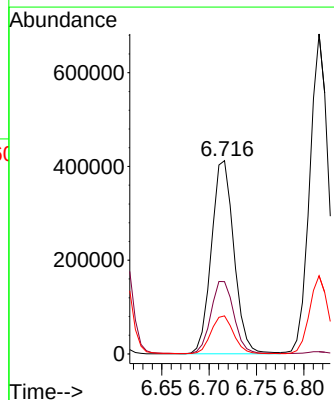
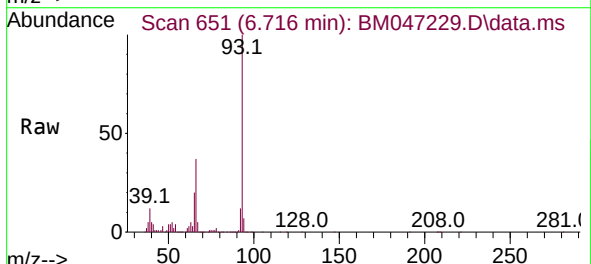
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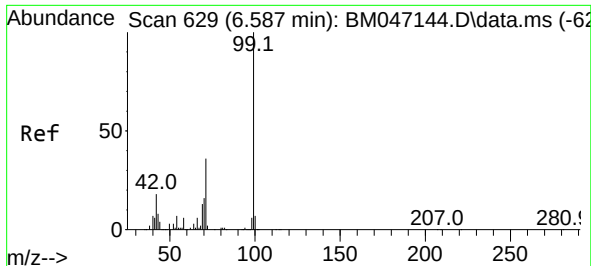
Tgt Ion:112 Resp: 2361184  
Ion Ratio Lower Upper  
112 100  
64 56.0 46.7 70.1  
63 29.8 24.8 37.2



#6  
Aniline  
Concen: 26.897 ng  
RT: 6.716 min Scan# 651  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion: 93 Resp: 681572  
Ion Ratio Lower Upper  
93 100  
66 37.4 31.4 47.2  
65 19.8 15.6 23.4

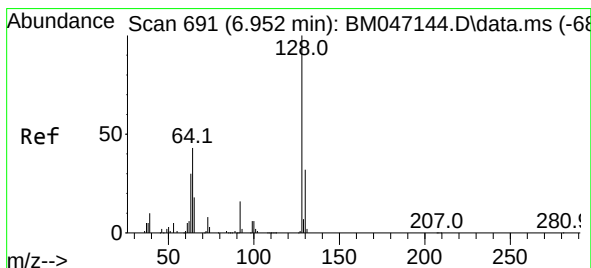
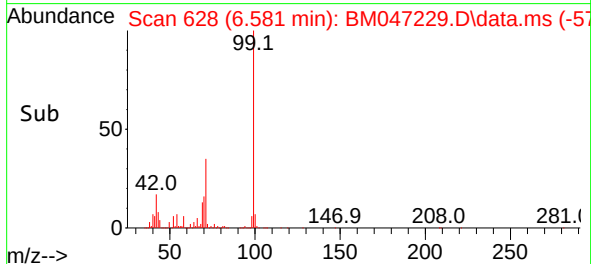
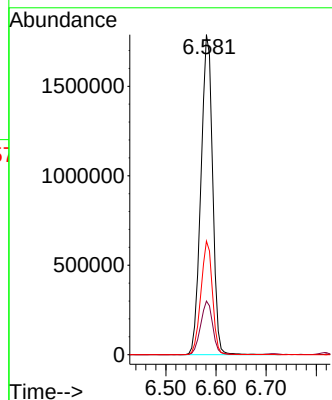
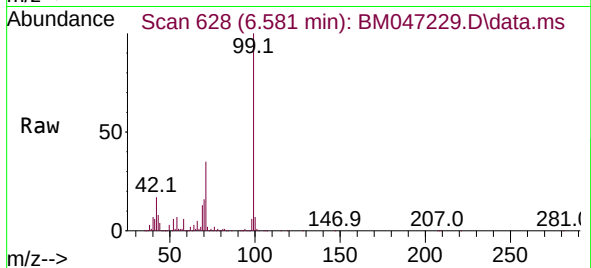




#7  
Phenol-d6  
Concen: 107.944 ng  
RT: 6.581 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

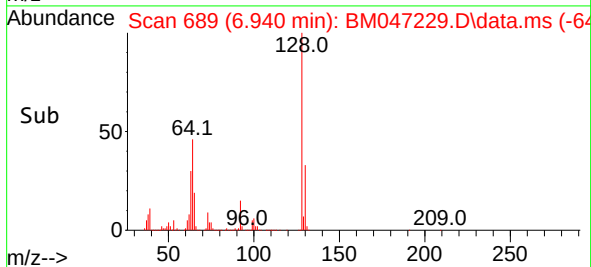
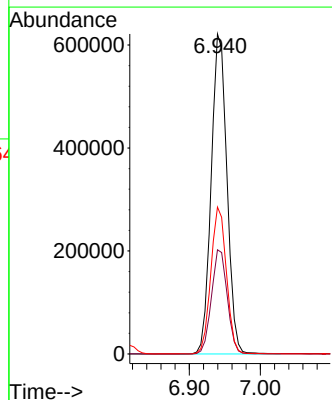
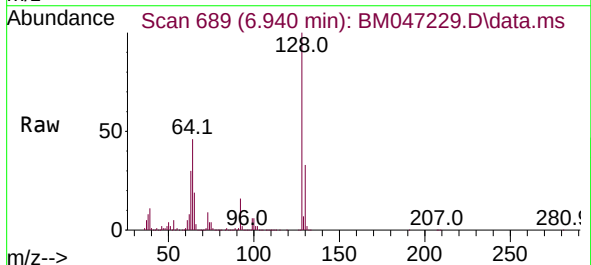
Instrument :  
BNA\_M  
ClientSampleId :  
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Tgt Ion: 99 Resp: 2893959  
Ion Ratio Lower Upper  
99 100  
42 16.8 14.1 21.1  
71 35.5 28.5 42.7

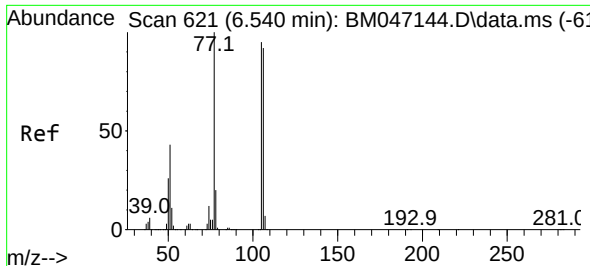


#8  
2-Chlorophenol  
Concen: 45.123 ng  
RT: 6.940 min Scan# 689  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion: 128 Resp: 957564  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.1 52.1  
64 45.9 26.6 66.6



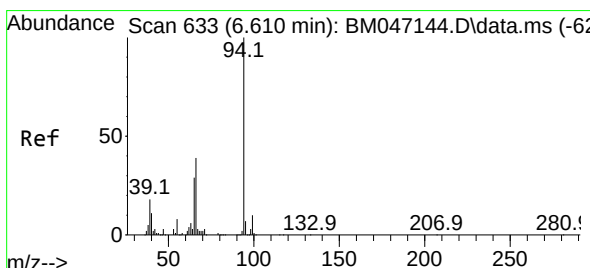
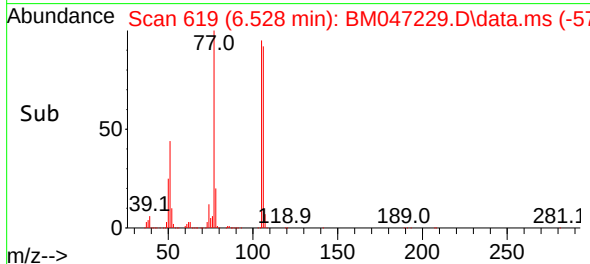
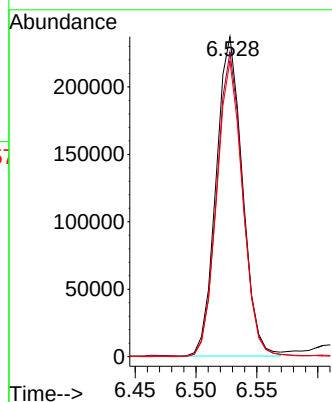
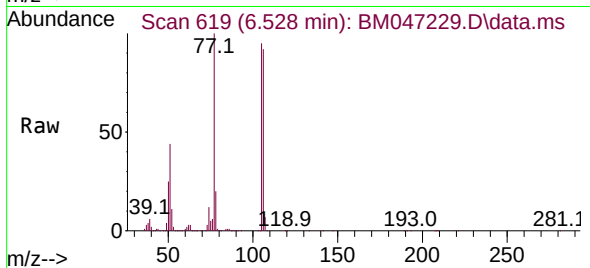




#9  
Benzaldehyde  
Concen: 21.054 ng  
RT: 6.528 min Scan# 619  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

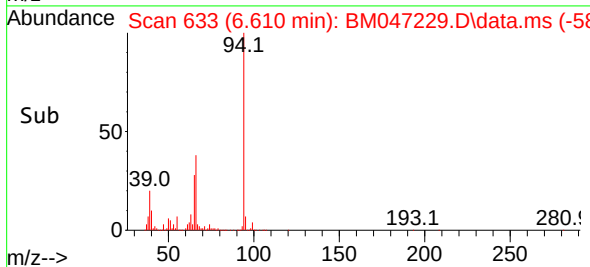
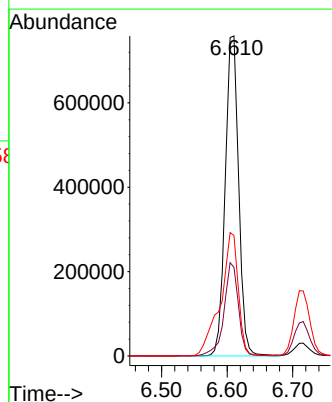
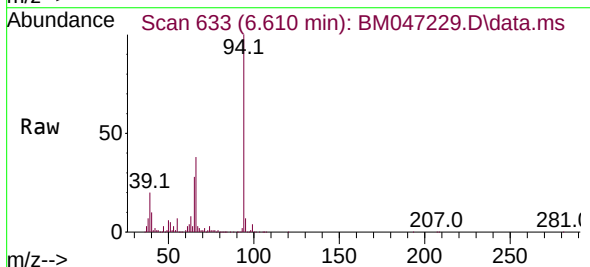
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

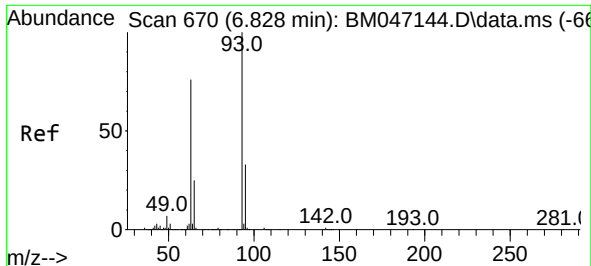
Tgt Ion: 77 Resp: 355606  
Ion Ratio Lower Upper  
77 100  
105 95.1 74.5 114.5  
106 92.4 72.3 112.3



#10  
Phenol  
Concen: 40.291 ng  
RT: 6.610 min Scan# 633  
Delta R.T. -0.000 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion: 94 Resp: 1077852  
Ion Ratio Lower Upper  
94 100  
65 27.7 9.0 49.0  
66 37.7 18.9 58.9

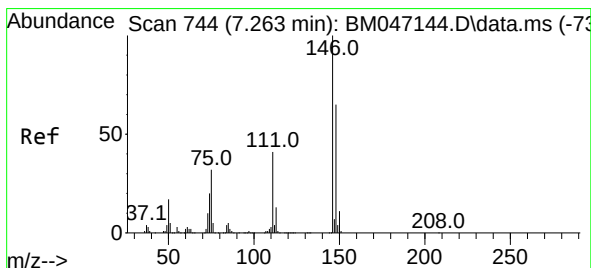
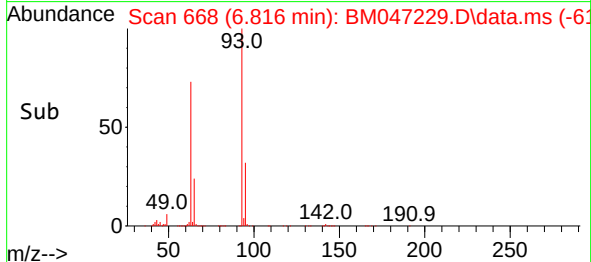
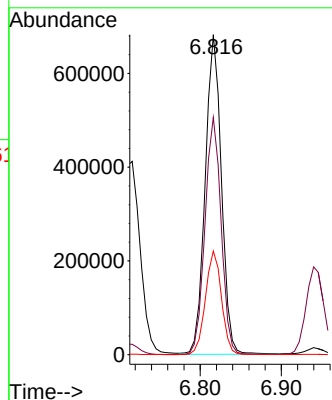
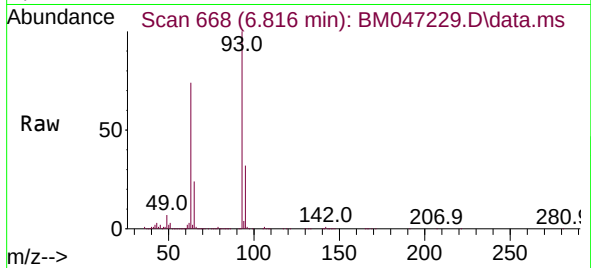




#11  
bis(2-Chloroethyl)ether  
Concen: 41.274 ng  
RT: 6.816 min Scan# 608  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

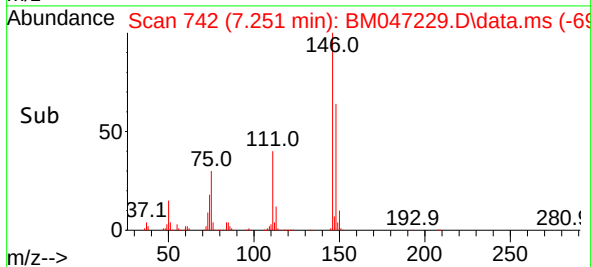
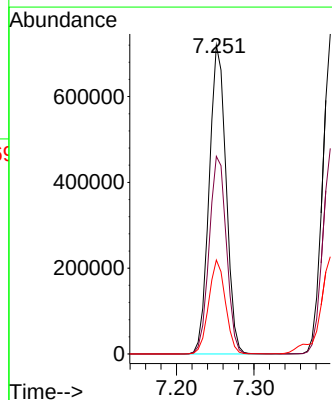
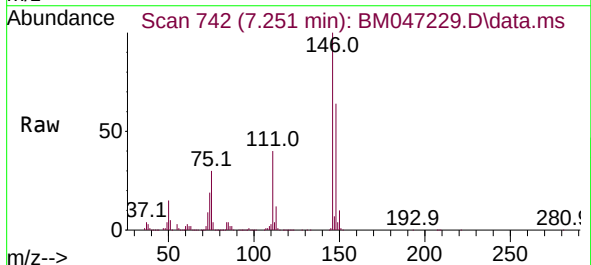
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

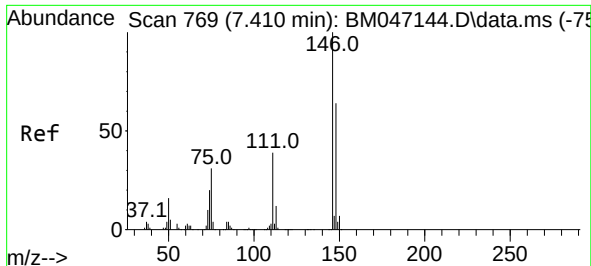
Tgt Ion: 93 Resp: 945558  
Ion Ratio Lower Upper  
93 100  
63 74.1 55.8 95.8  
95 32.4 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 43.185 ng  
RT: 7.251 min Scan# 742  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion: 146 Resp: 1089013  
Ion Ratio Lower Upper  
146 100  
148 64.0 52.3 78.5  
75 30.4 25.8 38.6

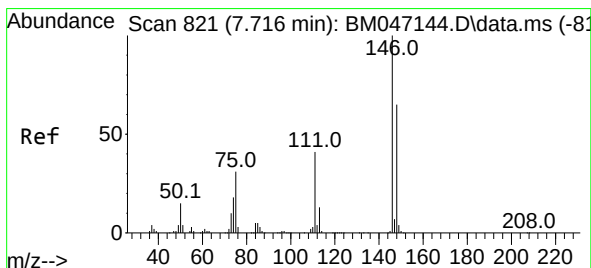
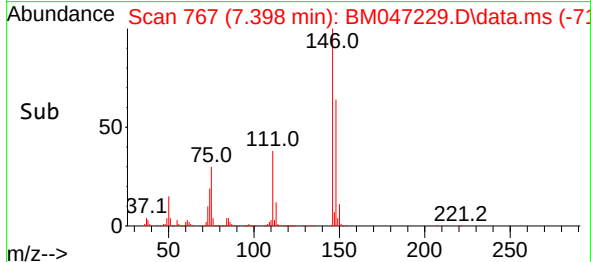
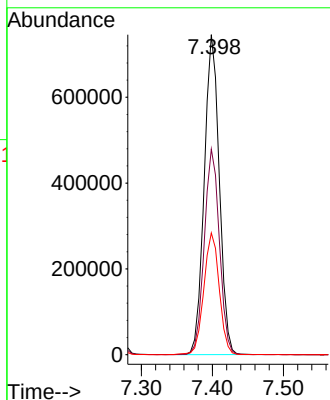
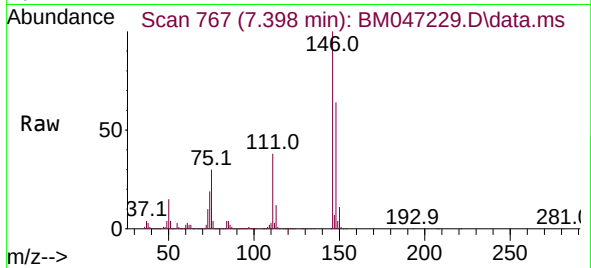




#13  
1,4-Dichlorobenzene  
Concen: 43.095 ng  
RT: 7.398 min Scan# 701  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

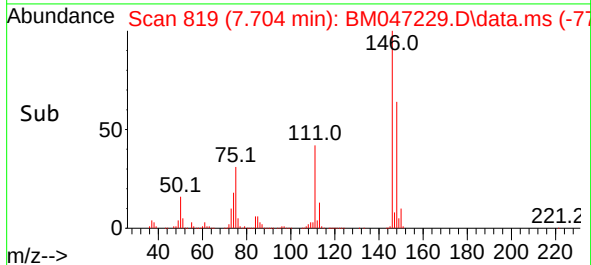
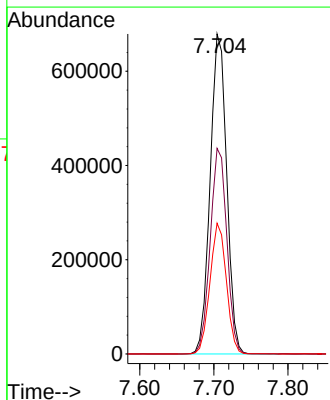
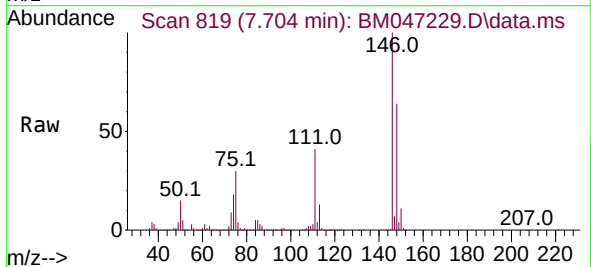
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

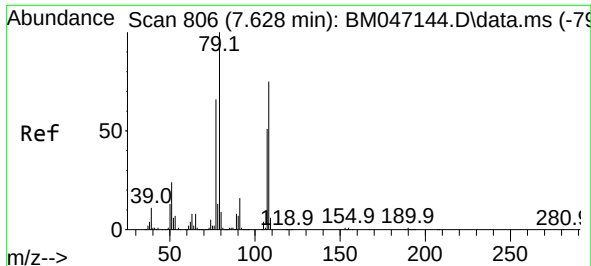
Tgt Ion:146 Resp: 1100307  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.4 77.2  
111 38.1 31.5 47.3



#14  
1,2-Dichlorobenzene  
Concen: 43.724 ng  
RT: 7.704 min Scan# 819  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:146 Resp: 1053332  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.8 77.8  
111 40.8 33.3 49.9

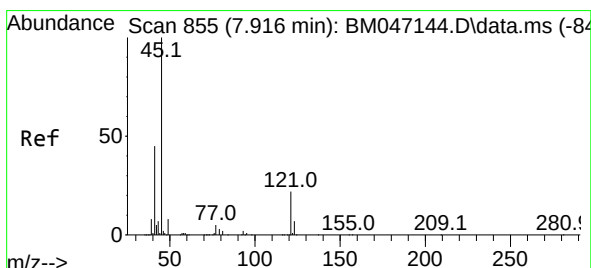
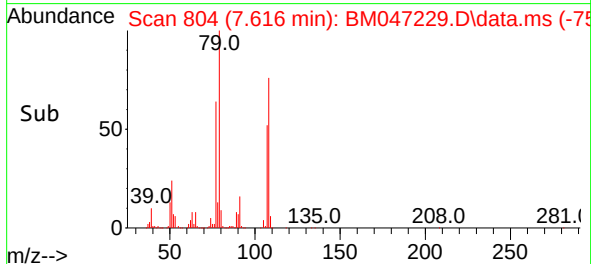
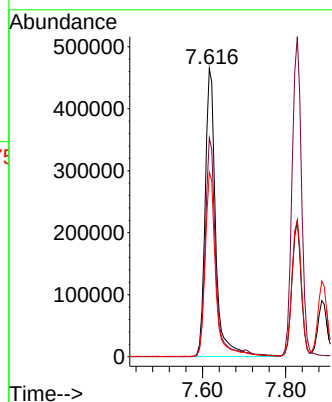
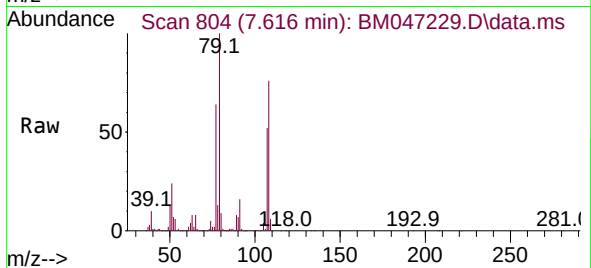




#15  
Benzyl Alcohol  
Concen: 42.759 ng  
RT: 7.616 min Scan# 804  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

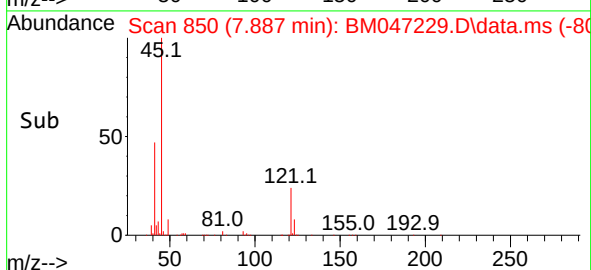
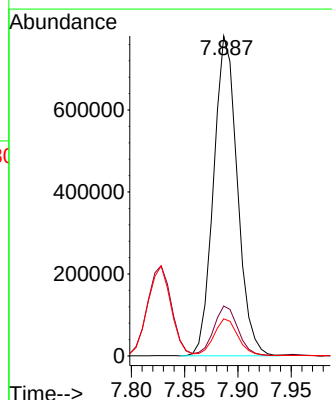
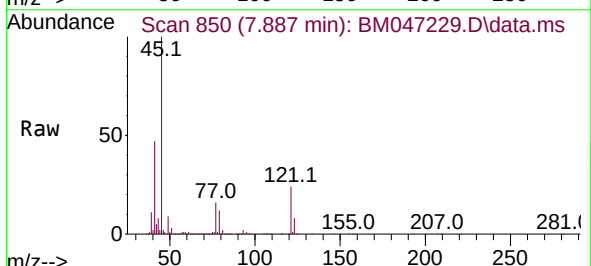
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

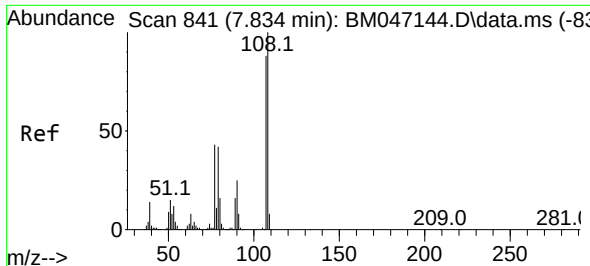
Tgt Ion: 79 Resp: 815873  
Ion Ratio Lower Upper  
79 100  
108 75.9 59.7 89.5  
77 64.0 52.9 79.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.194 ng  
RT: 7.887 min Scan# 850  
Delta R.T. -0.030 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion: 45 Resp: 1210978  
Ion Ratio Lower Upper  
45 100  
77 15.6 0.0 35.6  
79 11.6 0.0 32.4





#17

2-Methylphenol

Concen: 40.460 ng

RT: 7.828 min Scan# 841

Delta R.T. -0.006 min

Lab File: BM047229.D

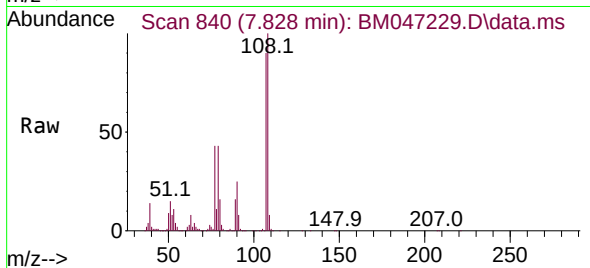
Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS



Tgt Ion:107 Resp: 722092

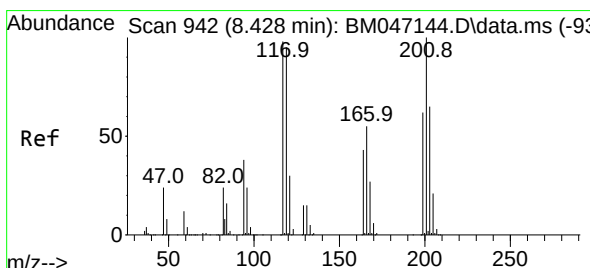
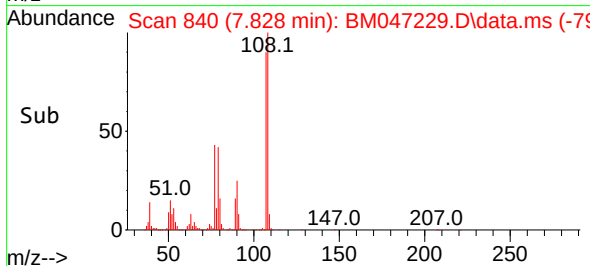
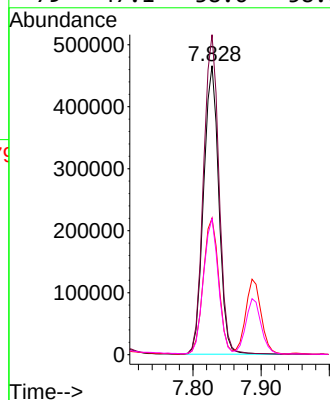
Ion Ratio Lower Upper

107 100

108 110.7 90.6 135.8

77 47.2 39.3 58.9

79 47.1 38.6 58.0



#18

Hexachloroethane

Concen: 42.888 ng

RT: 8.416 min Scan# 940

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

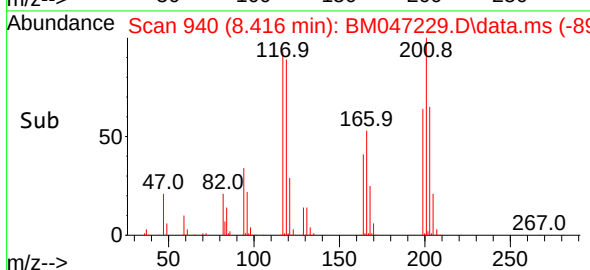
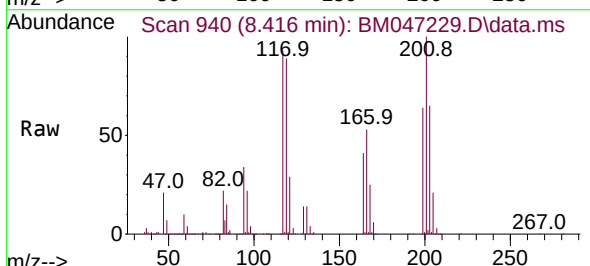
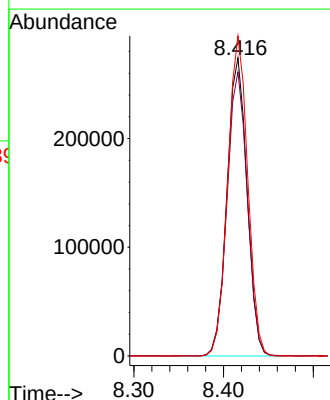
Tgt Ion:117 Resp: 424168

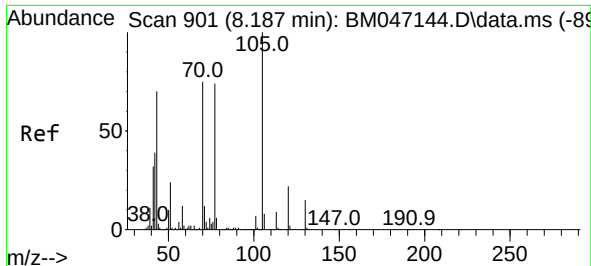
Ion Ratio Lower Upper

117 100

119 95.3 77.0 115.4

201 107.4 81.3 121.9



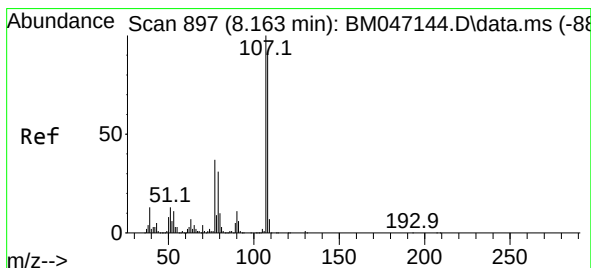
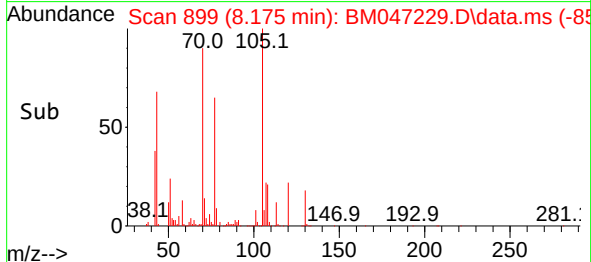
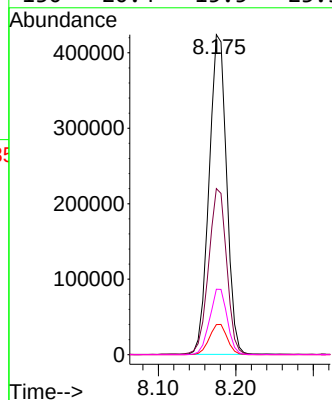
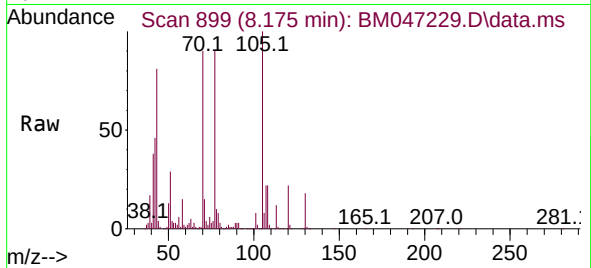


#19  
n-Nitroso-di-n-propylamine  
Concen: 36.770 ng  
RT: 8.175 min Scan# 899  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

Tgt Ion: 70 Resp: 664026

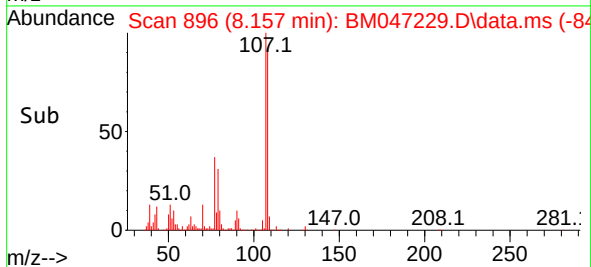
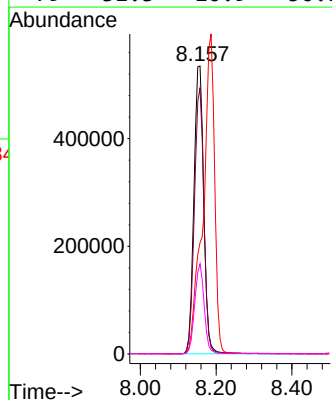
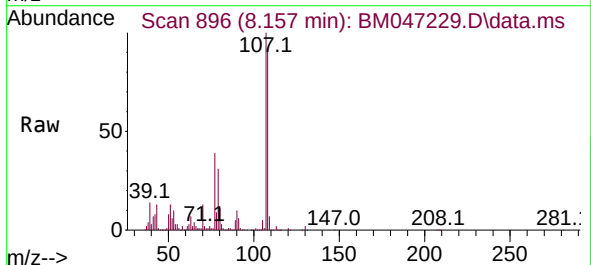
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 51.9  | 42.0  | 63.0  |
| 101 | 9.4   | 7.2   | 10.8  |
| 130 | 20.4  | 15.5  | 23.3  |

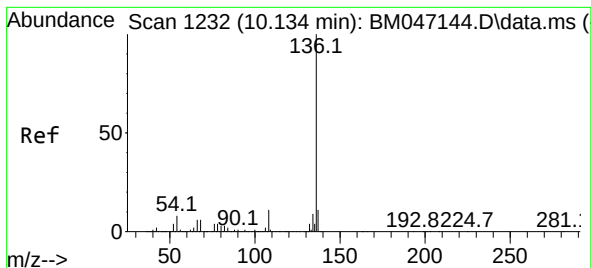


#20  
3+4-Methylphenols  
Concen: 38.743 ng  
RT: 8.157 min Scan# 896  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion: 107 Resp: 966663

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 92.3  | 70.7  | 110.7 |
| 77  | 38.6  | 17.4  | 57.4  |
| 79  | 31.3  | 10.9  | 50.9  |

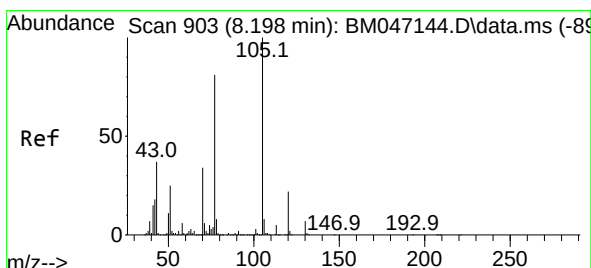
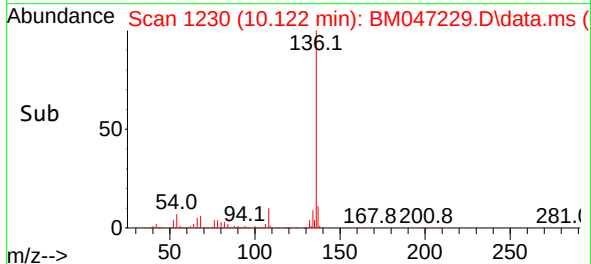
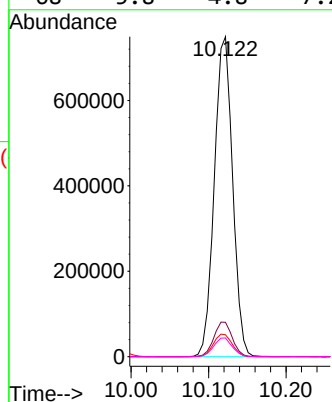
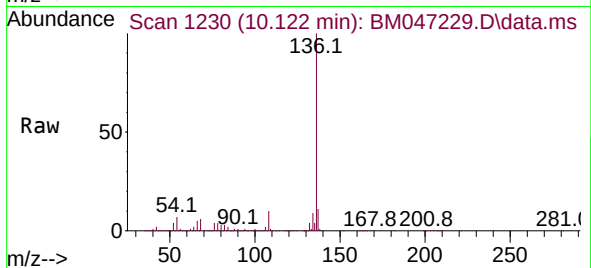




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.122 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

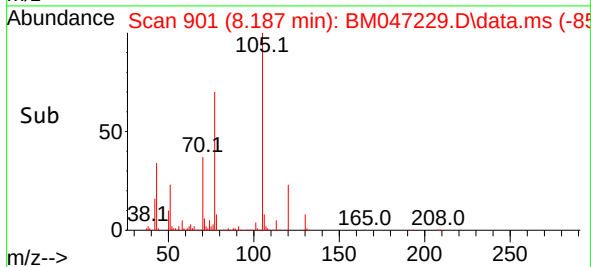
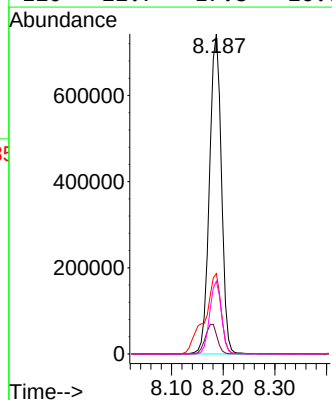
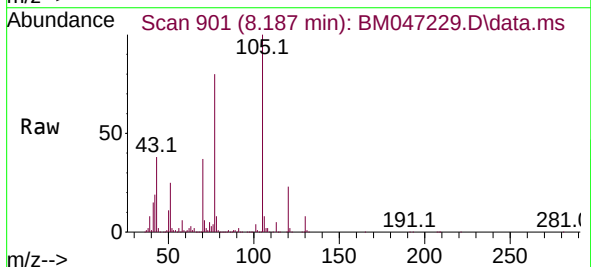
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

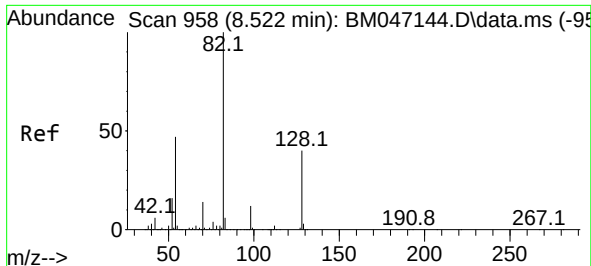
Tgt Ion:136 Resp: 1225481  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 6.8 6.0 9.0  
68 5.8 4.8 7.2



#22  
Acetophenone  
Concen: 40.222 ng  
RT: 8.187 min Scan# 901  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:105 Resp: 1189823  
Ion Ratio Lower Upper  
105 100  
71 6.1 4.5 6.7  
51 25.1 20.1 30.1  
120 22.7 17.8 26.6





#23

Nitrobenzene-d5

Concen: 79.819 ng

RT: 8.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

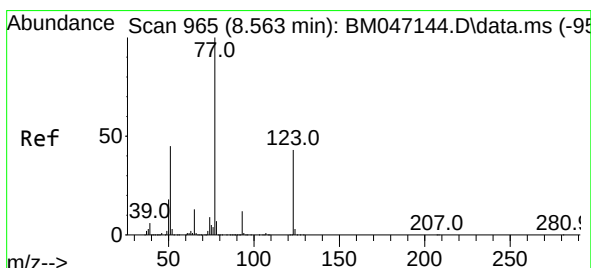
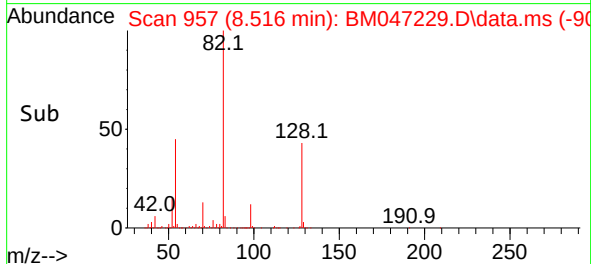
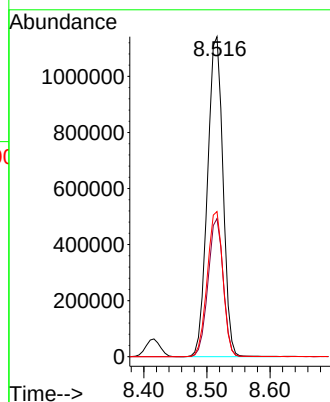
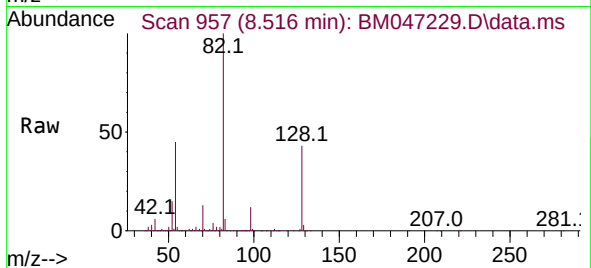
BNA\_M

ClientSampleId :

PB162754BS

Tgt Ion: 82 Resp: 1942601

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.2  | 32.3  | 48.5  |
| 54  | 45.3  | 37.4  | 56.2  |



#24

Nitrobenzene

Concen: 41.834 ng

RT: 8.557 min Scan# 964

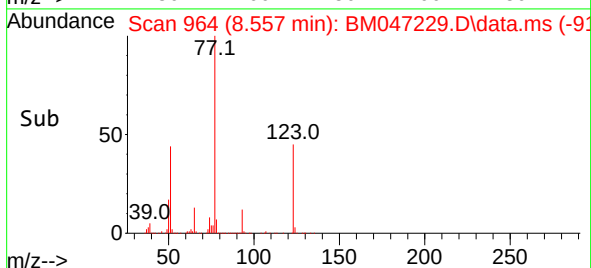
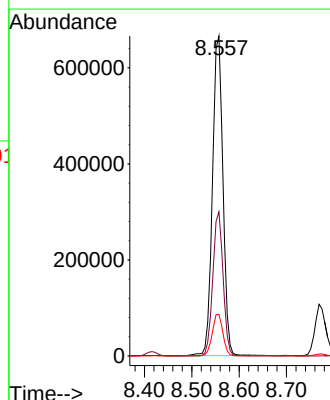
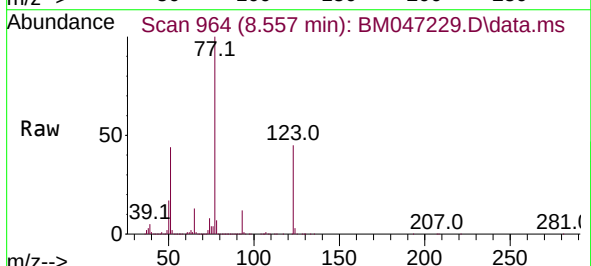
Delta R.T. -0.006 min

Lab File: BM047229.D

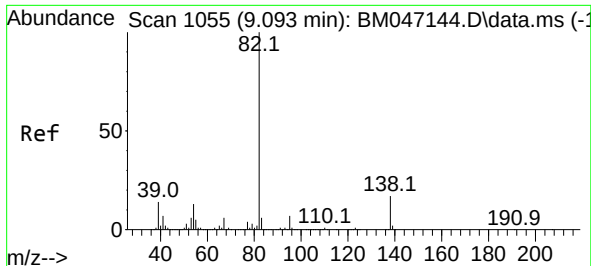
Acq: 16 Aug 2024 11:07

Tgt Ion: 77 Resp: 1025219

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.1  | 34.0  | 51.0  |
| 65  | 13.0  | 10.5  | 15.7  |



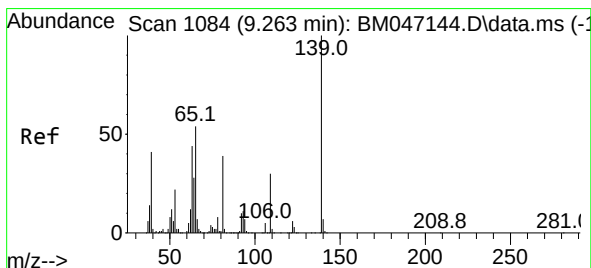
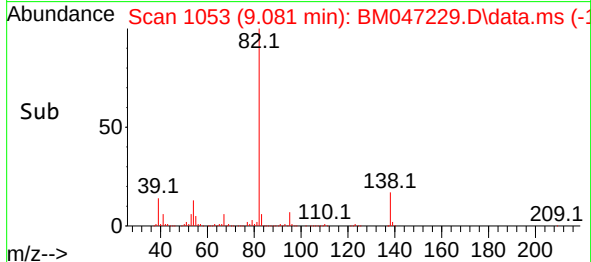
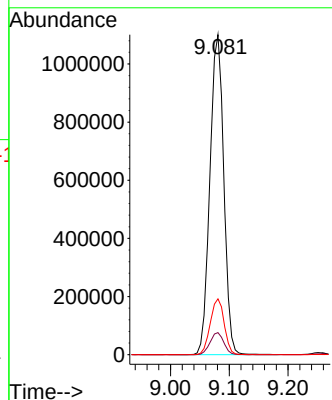
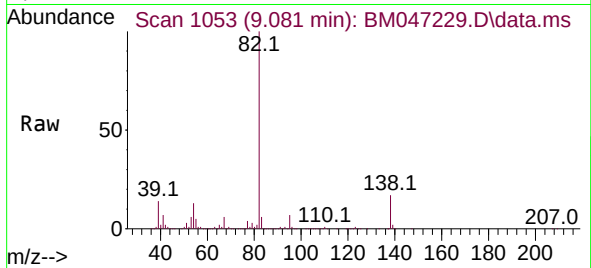




#25  
Isophorone  
Concen: 42.483 ng  
RT: 9.081 min Scan# 1053  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

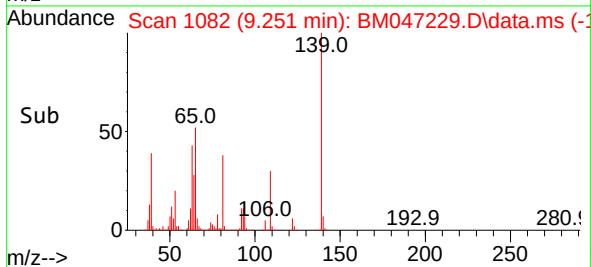
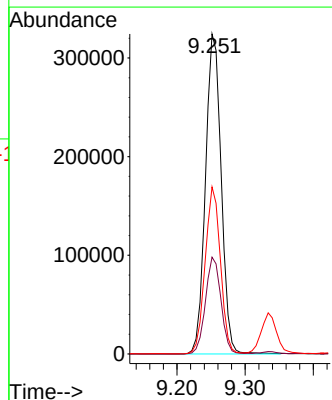
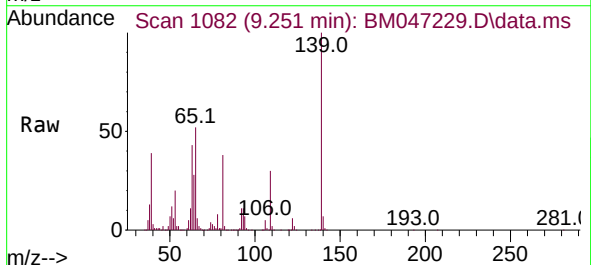
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

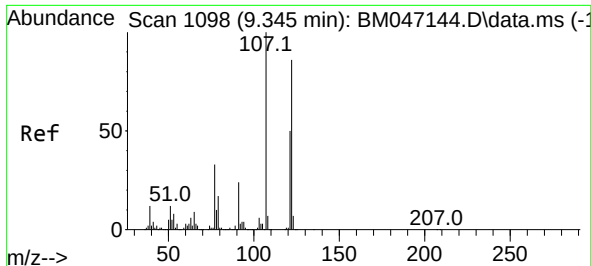
Tgt Ion: 82 Resp: 1800244  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.5 8.3  
138 17.5 13.5 20.3



#26  
2-Nitrophenol  
Concen: 48.000 ng  
RT: 9.251 min Scan# 1082  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion: 139 Resp: 520954  
Ion Ratio Lower Upper  
139 100  
109 30.2 24.4 36.6  
65 52.2 43.0 64.6

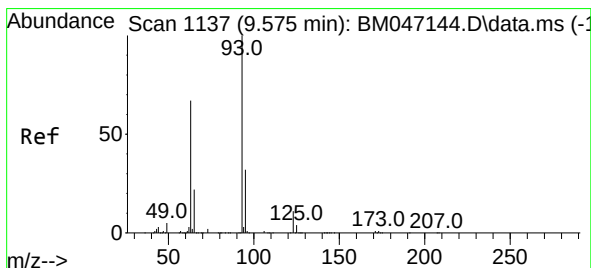
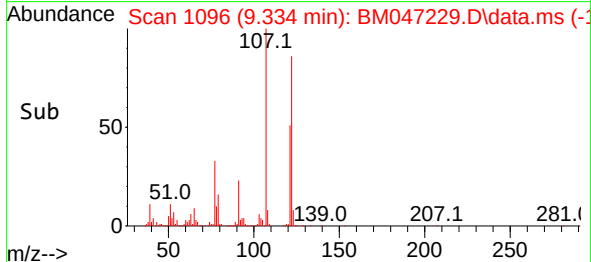
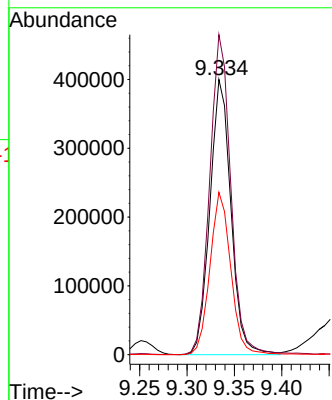
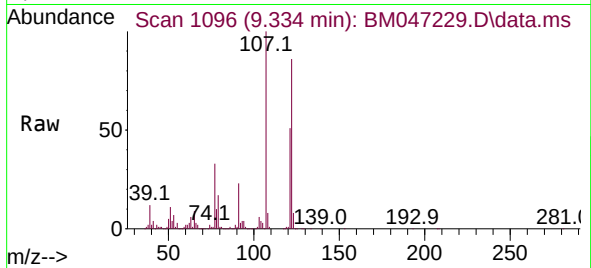




#27  
2,4-Dimethylphenol  
Concen: 48.643 ng  
RT: 9.334 min Scan# 1096  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

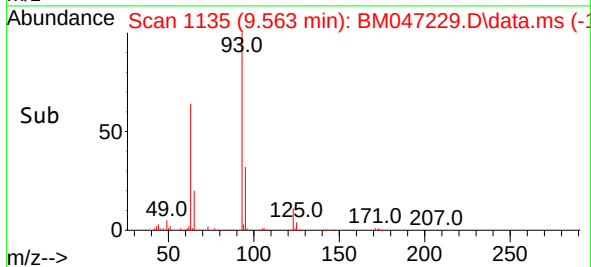
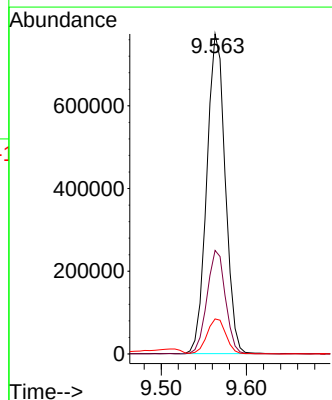
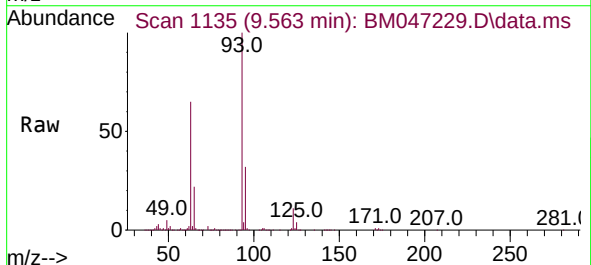
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

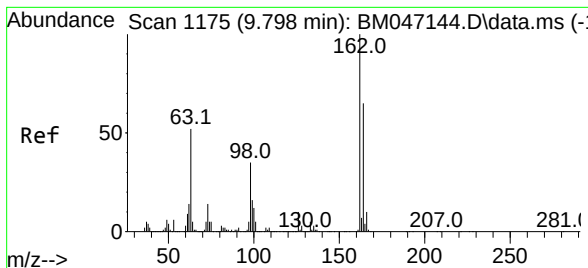
Tgt Ion:122 Resp: 618403  
Ion Ratio Lower Upper  
122 100  
107 116.3 92.8 139.2  
121 59.0 46.1 69.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.536 ng  
RT: 9.563 min Scan# 1135  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion: 93 Resp: 1160850  
Ion Ratio Lower Upper  
93 100  
95 32.4 25.8 38.8  
123 11.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 46.374 ng

RT: 9.787 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

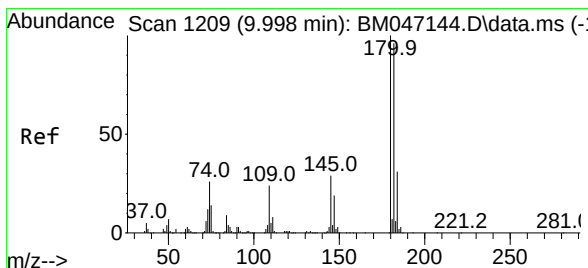
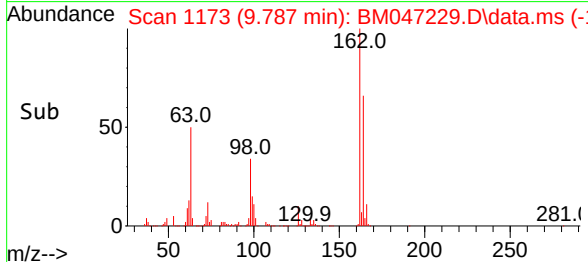
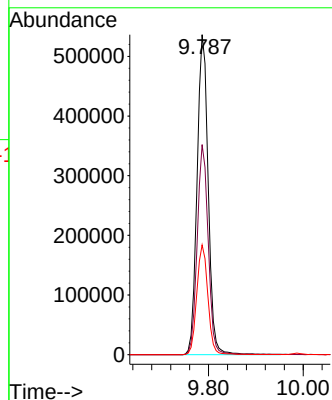
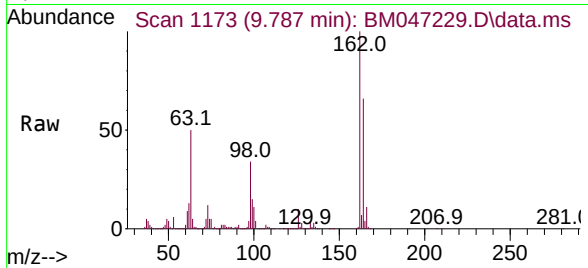
Tgt Ion:162 Resp: 874779

Ion Ratio Lower Upper

162 100

164 65.6 44.7 84.7

98 34.3 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 47.225 ng

RT: 9.987 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

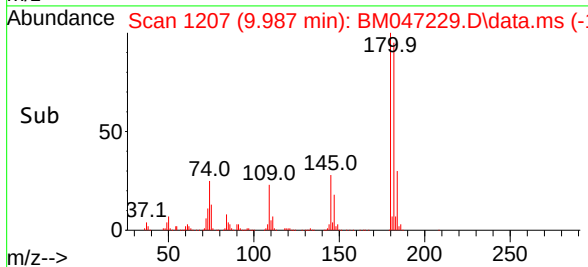
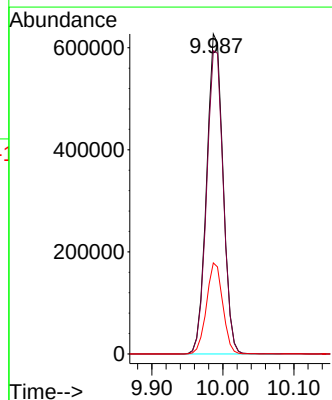
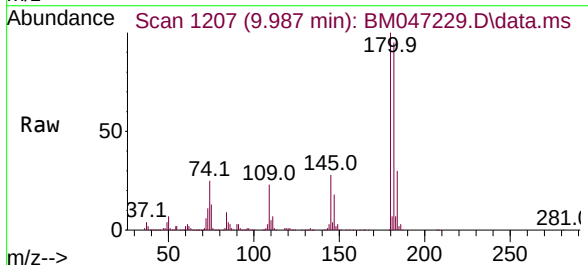
Tgt Ion:180 Resp: 1008132

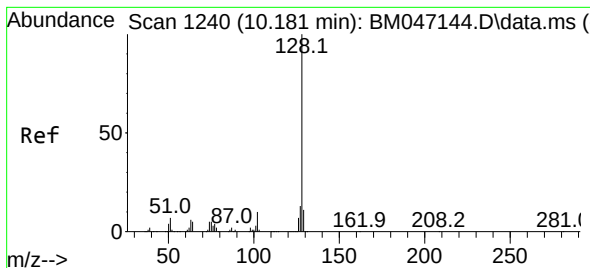
Ion Ratio Lower Upper

180 100

182 94.8 76.6 115.0

145 28.4 23.4 35.2

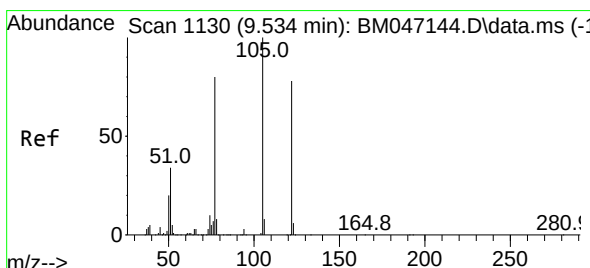
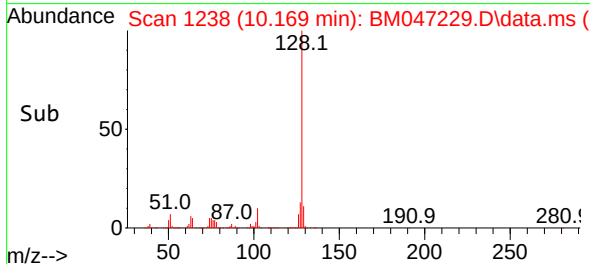
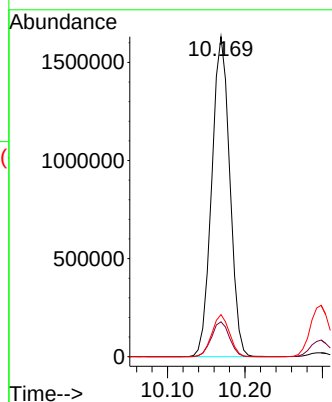
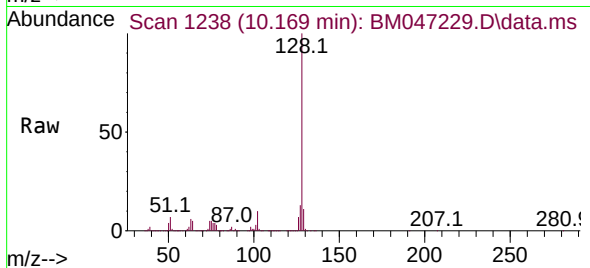




#31  
Naphthalene  
Concen: 43.324 ng  
RT: 10.169 min Scan# 1127  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

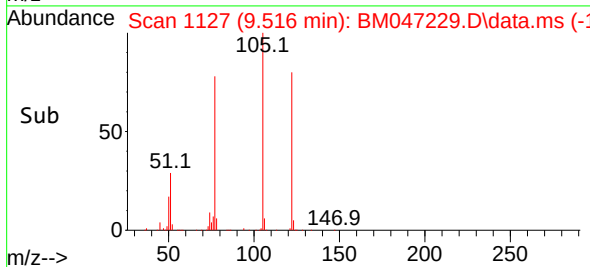
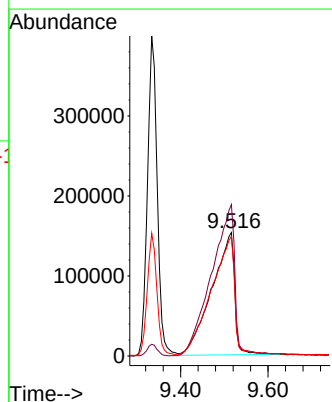
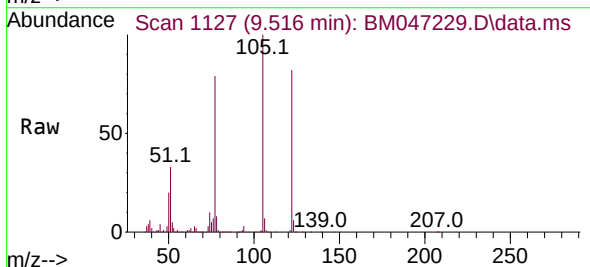
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

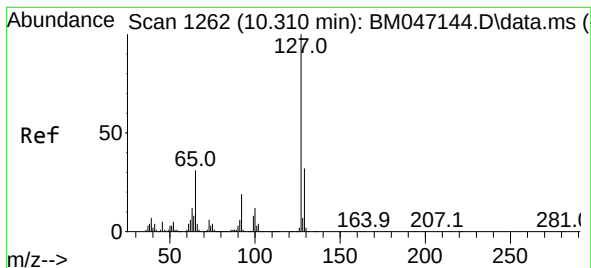
Tgt Ion:128 Resp: 2644875  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 13.0  
127 13.2 10.2 15.4



#32  
Benzoic acid  
Concen: 37.426 ng  
RT: 9.516 min Scan# 1127  
Delta R.T. -0.018 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:122 Resp: 552797  
Ion Ratio Lower Upper  
122 100  
105 122.6 107.1 147.1  
77 97.0 82.1 122.1





#33

4-Chloroaniline

Concen: 20.748 ng

RT: 10.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

Tgt Ion:127 Resp: 487096

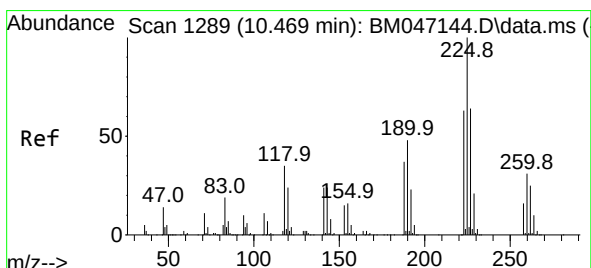
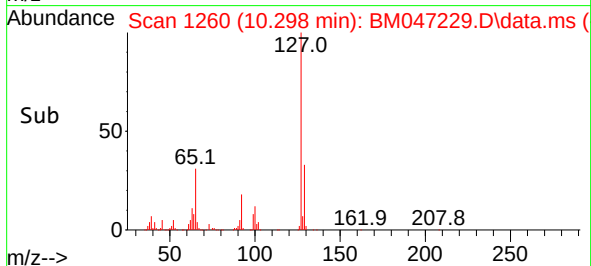
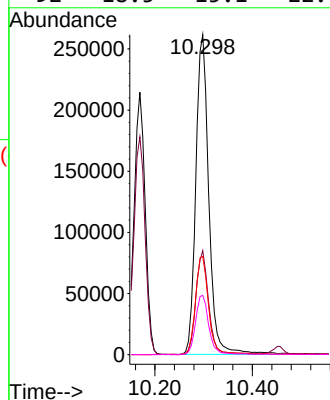
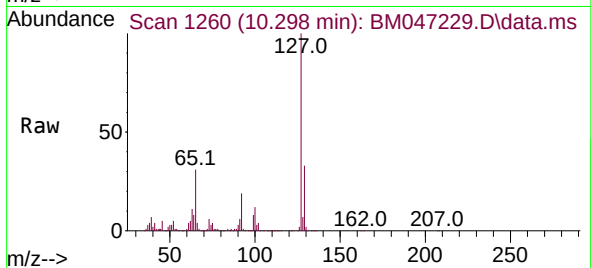
Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.8

65 30.7 24.9 37.3

92 18.5 15.1 22.7



#34

Hexachlorobutadiene

Concen: 49.285 ng

RT: 10.451 min Scan# 1286

Delta R.T. -0.018 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

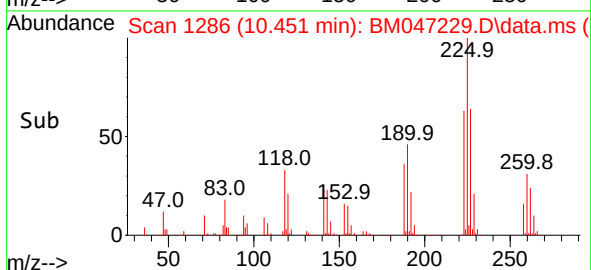
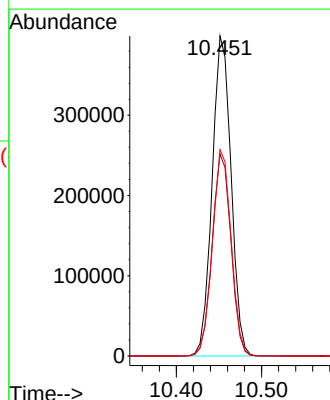
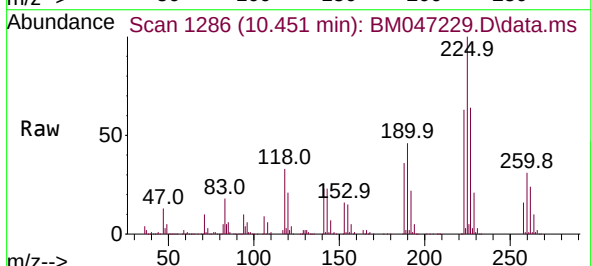
Tgt Ion:225 Resp: 615808

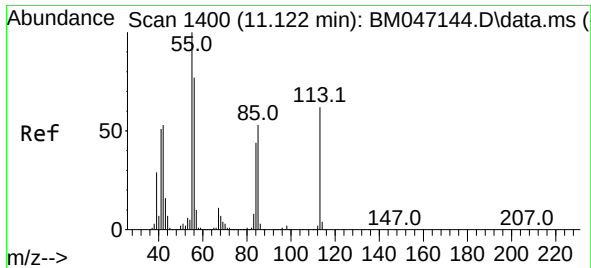
Ion Ratio Lower Upper

225 100

223 63.0 50.2 75.2

227 64.4 51.4 77.0

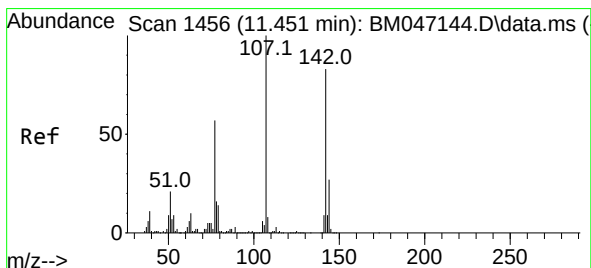
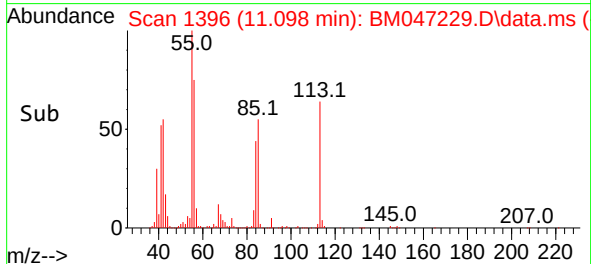
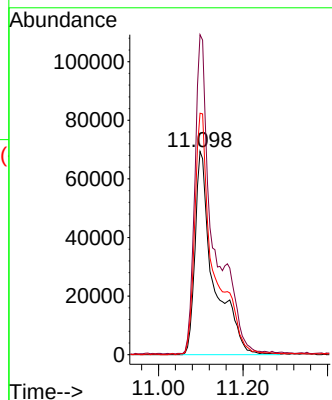
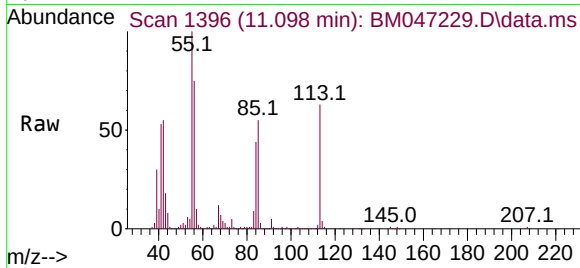




#35  
Caprolactam  
Concen: 32.351 ng m  
RT: 11.098 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

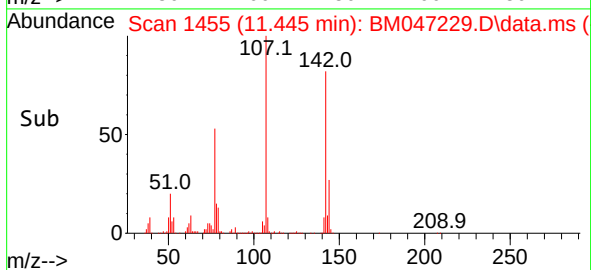
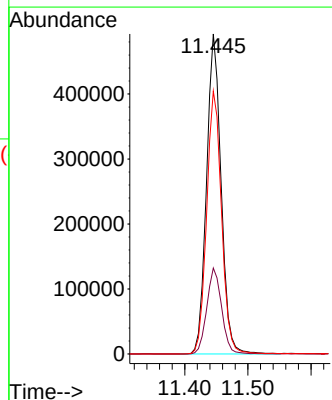
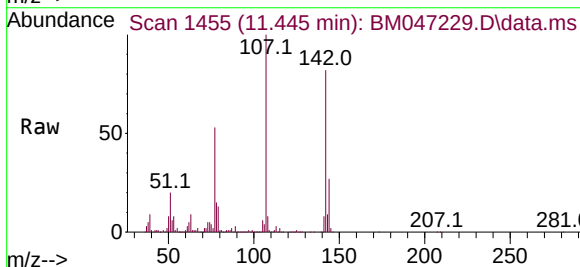
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

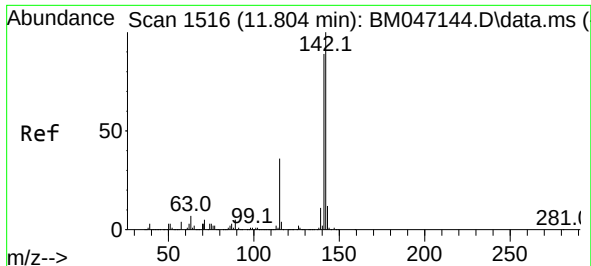
Tgt Ion:113 Resp: 211931  
Ion Ratio Lower Upper  
113 100  
55 157.5 140.5 180.5  
56 118.9 103.6 143.6



#36  
4-Chloro-3-methylphenol  
Concen: 39.205 ng  
RT: 11.445 min Scan# 1455  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:107 Resp: 787603  
Ion Ratio Lower Upper  
107 100  
144 26.8 21.8 32.6  
142 82.2 66.8 100.2

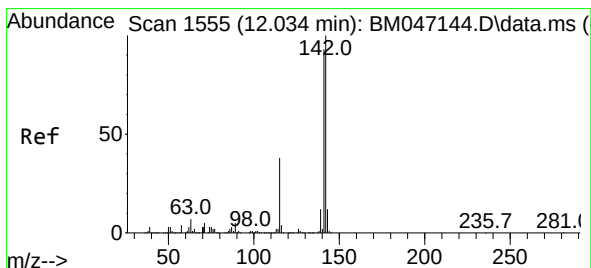
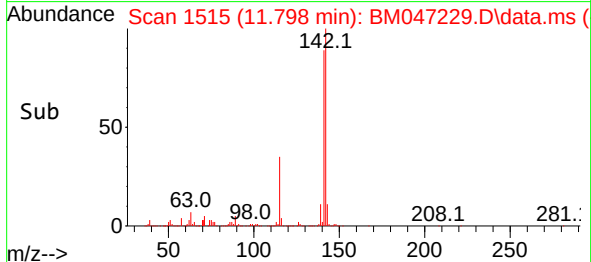
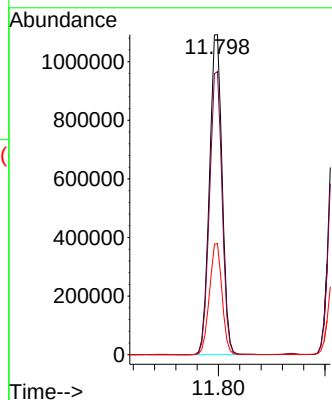
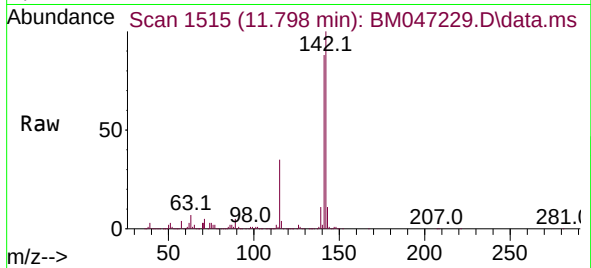




#37  
2-Methylnaphthalene  
Concen: 41.529 ng  
RT: 11.798 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

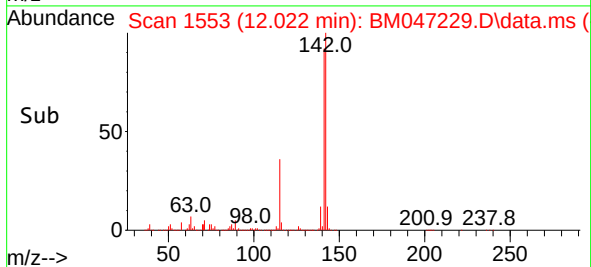
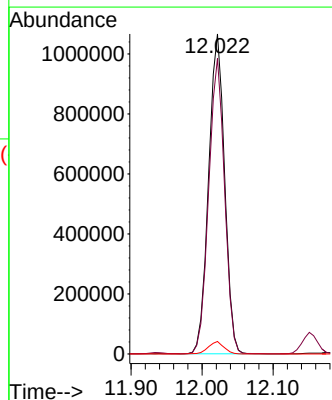
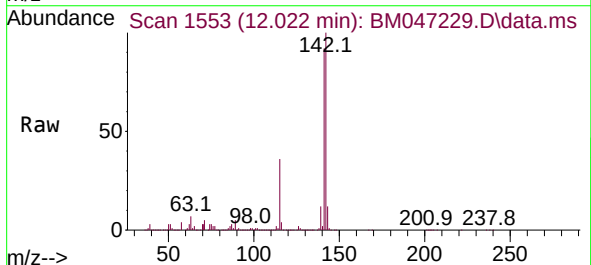
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

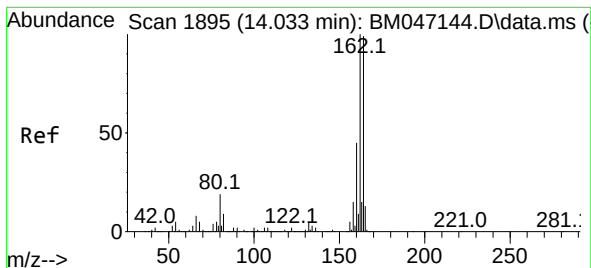
Tgt Ion:142 Resp: 1805130  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.9 106.3  
115 34.8 28.7 43.1



#38  
1-Methylnaphthalene  
Concen: 38.847 ng  
RT: 12.022 min Scan# 1553  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:142 Resp: 1668818  
Ion Ratio Lower Upper  
142 100  
141 92.4 74.6 111.8  
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.022 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

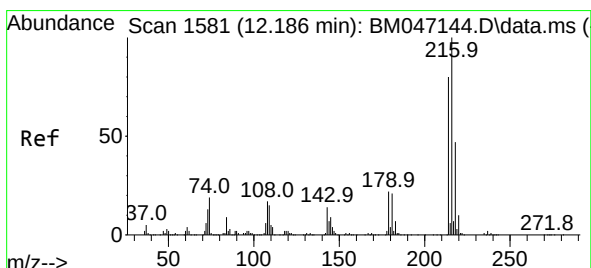
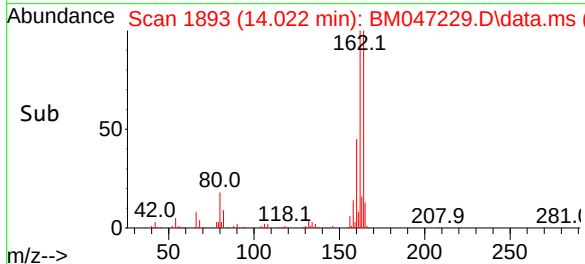
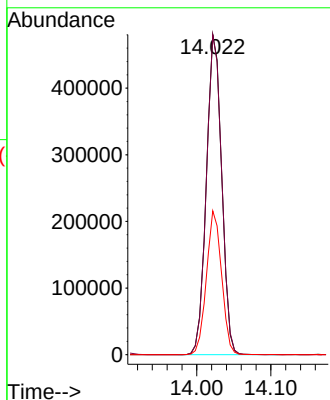
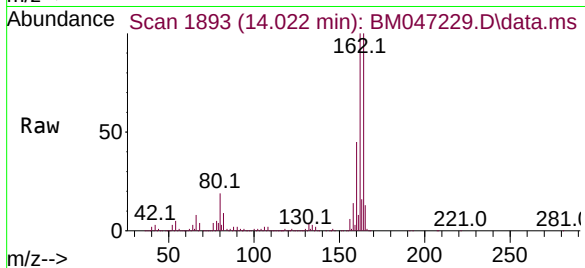
Tgt Ion:164 Resp: 688826

Ion Ratio Lower Upper

164 100

162 100.0 80.7 121.1

160 45.0 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.290 ng

RT: 12.181 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Tgt Ion:216 Resp: 926068

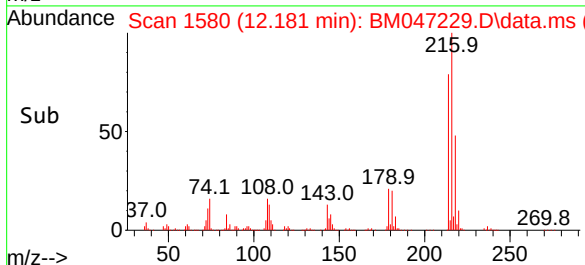
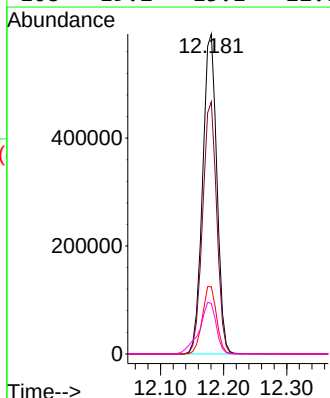
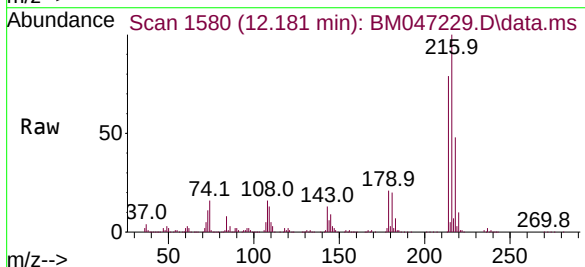
Ion Ratio Lower Upper

216 100

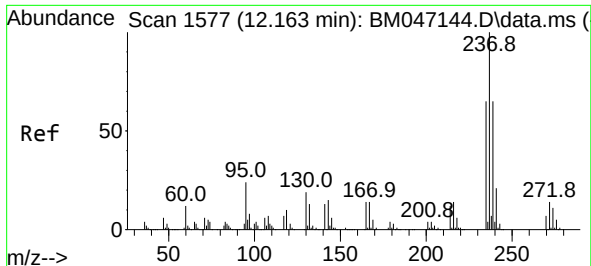
214 78.4 63.4 95.2

179 21.1 17.6 26.4

108 19.2 15.1 22.7

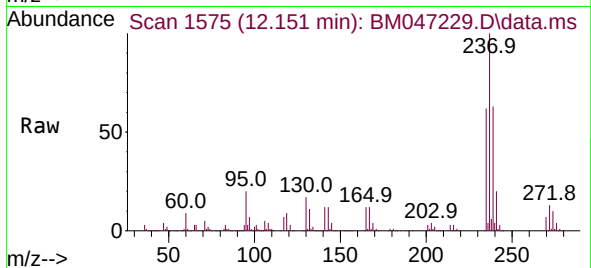




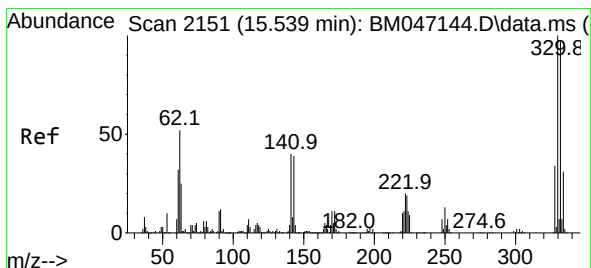
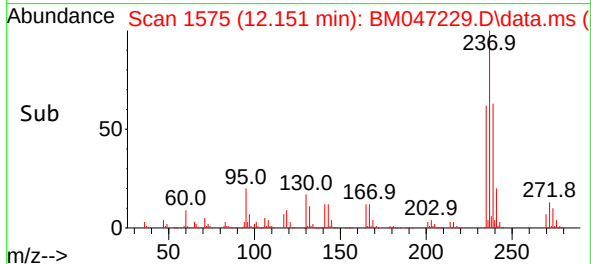
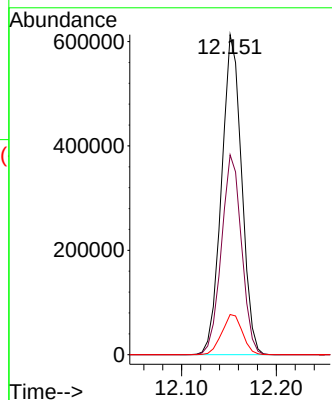


#41  
Hexachlorocyclopentadiene  
Concen: 137.836 ng  
RT: 12.151 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

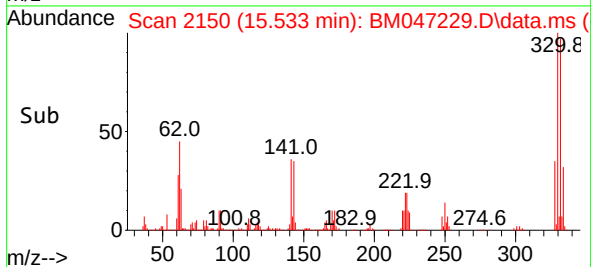
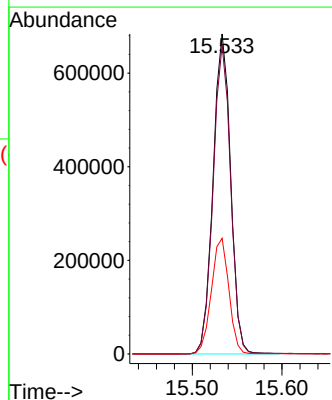
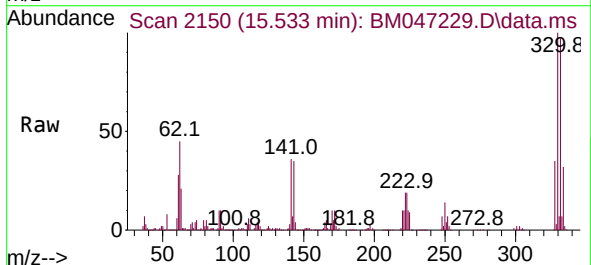


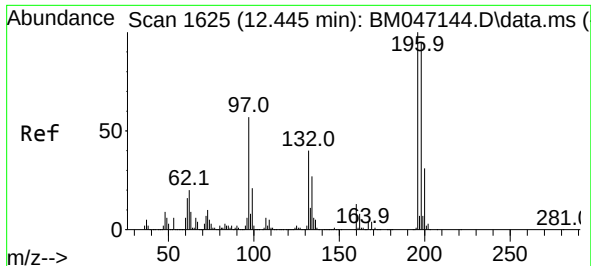
Tgt Ion:237 Resp: 904279  
Ion Ratio Lower Upper  
237 100  
235 62.5 44.8 84.8  
272 12.5 0.0 33.5



#42  
2,4,6-Tribromophenol  
Concen: 116.385 ng  
RT: 15.533 min Scan# 2150  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:330 Resp: 929570  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.4 116.2  
141 36.2 31.6 47.4

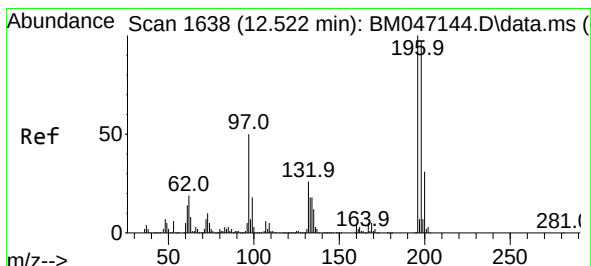
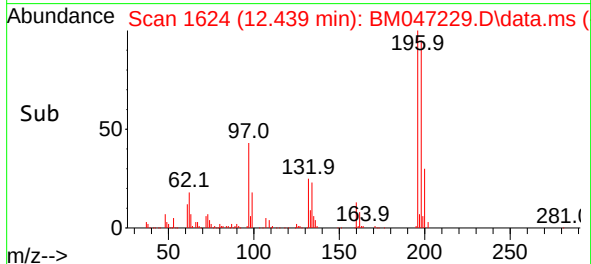
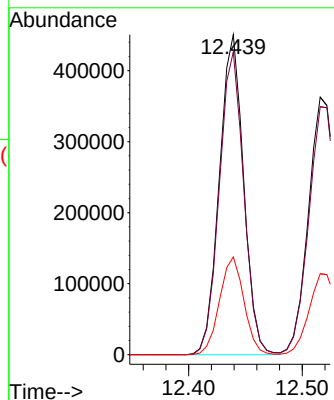
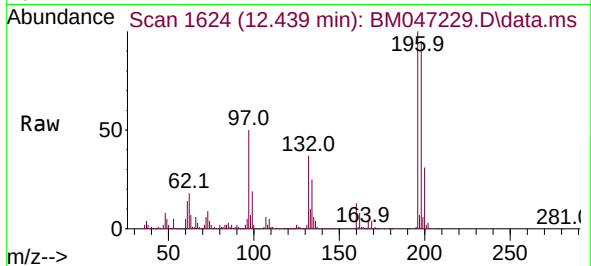




#43  
2,4,6-Trichlorophenol  
Concen: 50.074 ng  
RT: 12.439 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

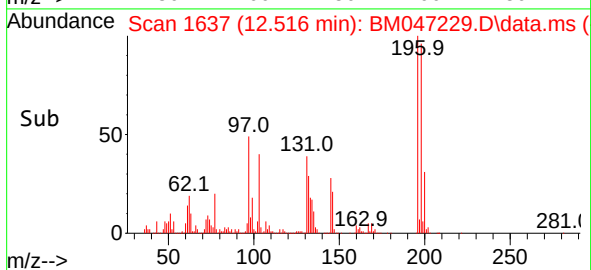
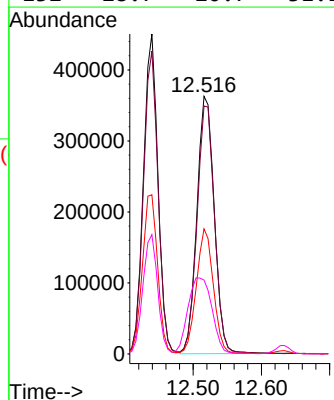
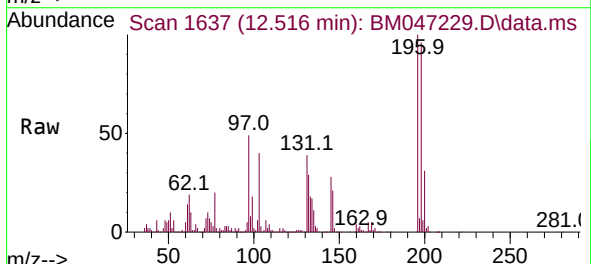
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

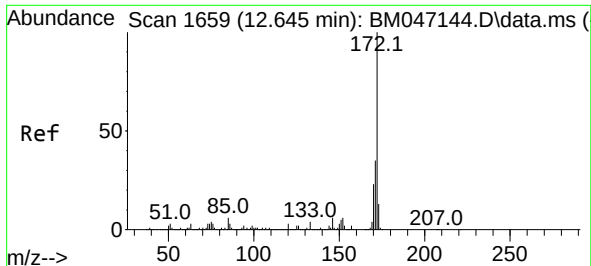
Tgt Ion:196 Resp: 668680  
Ion Ratio Lower Upper  
196 100  
198 94.6 75.6 113.4  
200 30.5 24.6 37.0



#44  
2,4,5-Trichlorophenol  
Concen: 43.408 ng  
RT: 12.516 min Scan# 1637  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:196 Resp: 643602  
Ion Ratio Lower Upper  
196 100  
198 96.3 77.7 116.5  
97 48.6 39.8 59.8  
132 28.7 20.7 31.1

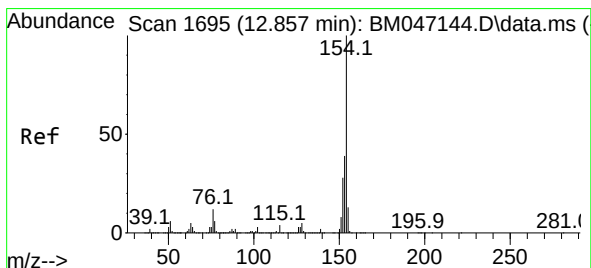
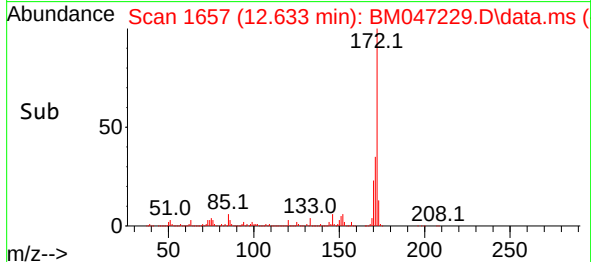
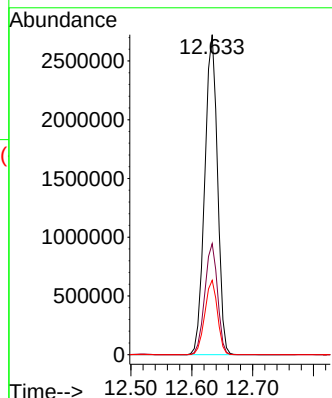
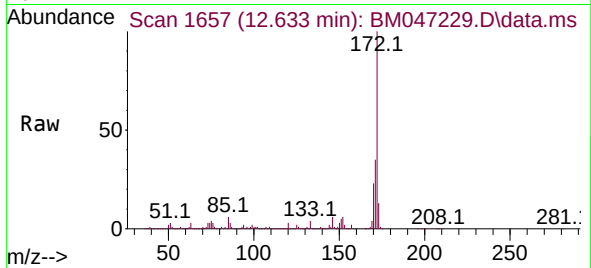




#45  
2-Fluorobiphenyl  
Concen: 89.097 ng  
RT: 12.633 min Scan# 1657  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

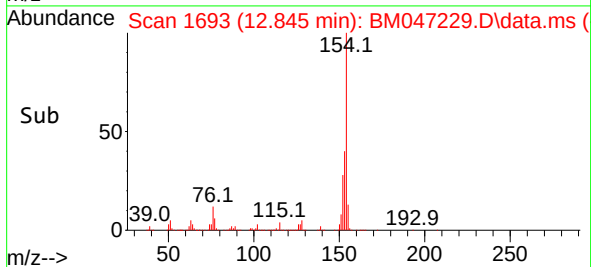
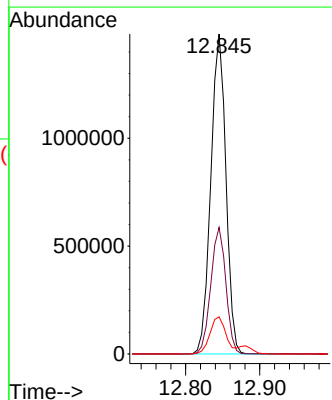
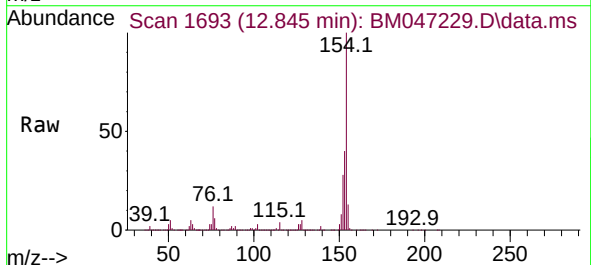
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

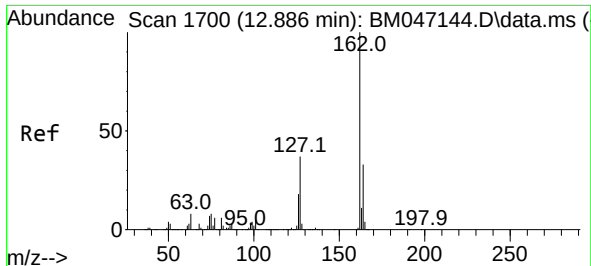
Tgt Ion:172 Resp: 3978693  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.8 41.6  
170 23.2 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 42.787 ng  
RT: 12.845 min Scan# 1693  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:154 Resp: 2098225  
Ion Ratio Lower Upper  
154 100  
153 39.5 19.0 59.0  
76 11.6 0.0 31.9





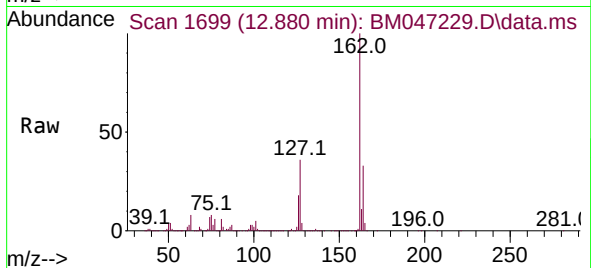
#47  
2-Chloronaphthalene  
Concen: 45.306 ng  
RT: 12.880 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Instrument :

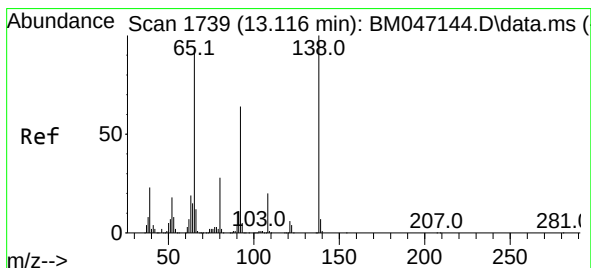
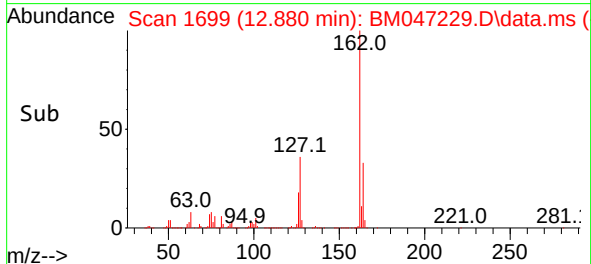
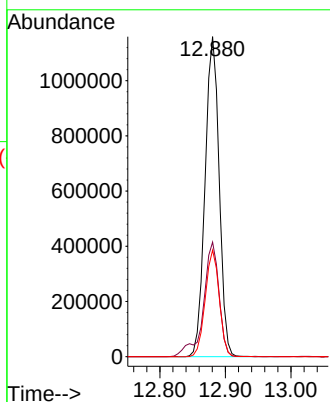
BNA\_M

ClientSampleId :

PB162754BS

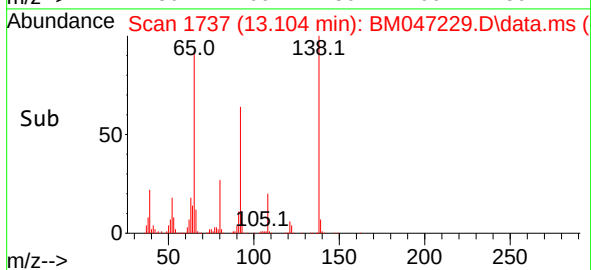
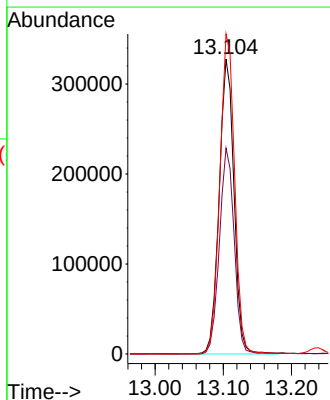
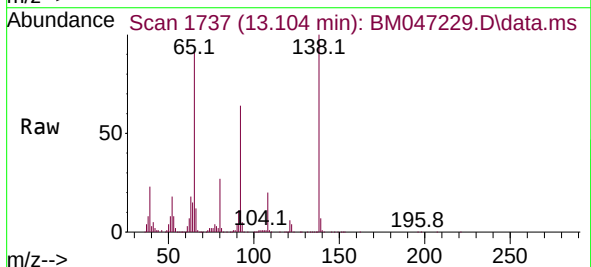


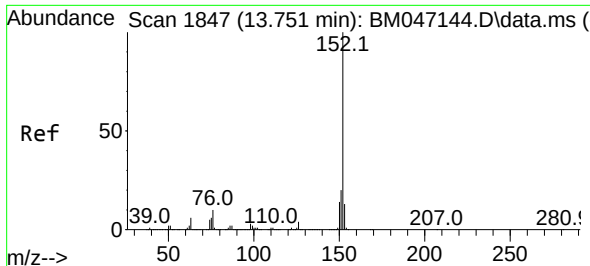
Tgt Ion:162 Resp: 1736515  
Ion Ratio Lower Upper  
162 100  
127 35.8 30.0 45.0  
164 33.3 26.3 39.5



#48  
2-Nitroaniline  
Concen: 41.413 ng  
RT: 13.104 min Scan# 1737  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion: 65 Resp: 497281  
Ion Ratio Lower Upper  
65 100  
92 69.8 55.1 82.7  
138 108.5 85.9 128.9

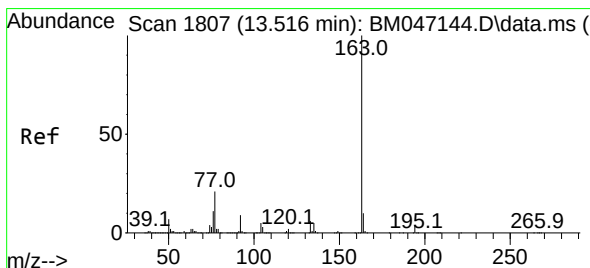
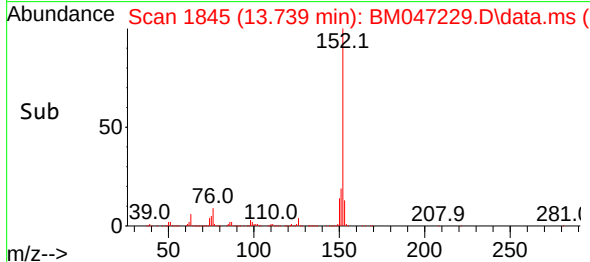
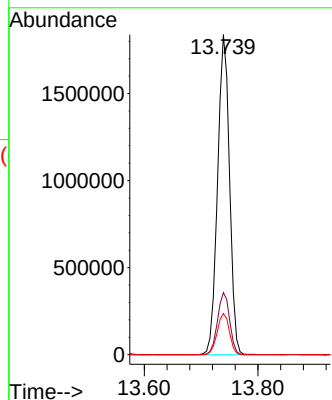
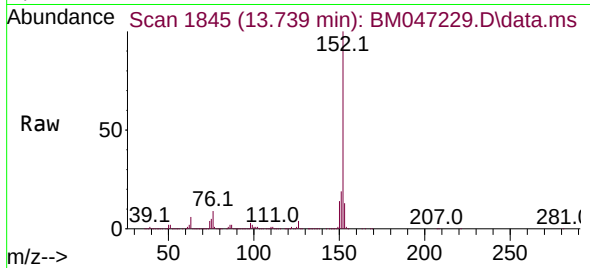




#49  
Acenaphthylene  
Concen: 47.299 ng  
RT: 13.739 min Scan# 1845  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

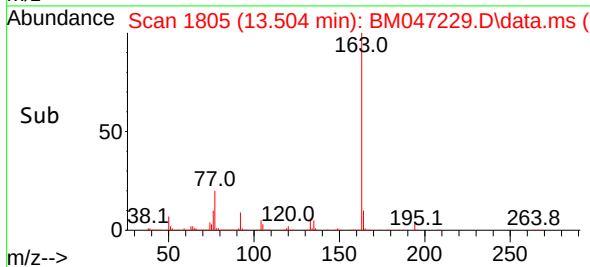
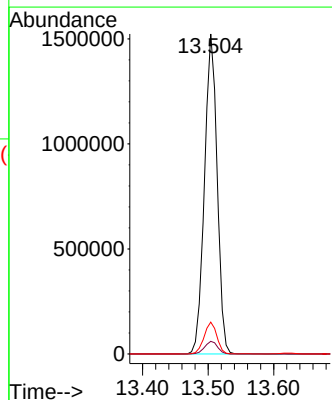
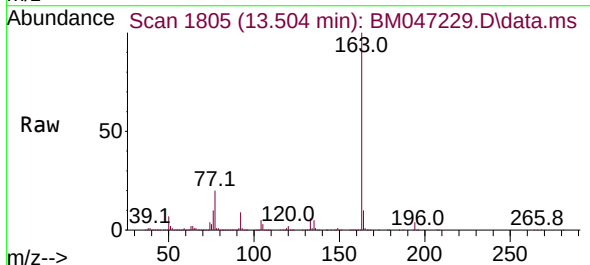
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

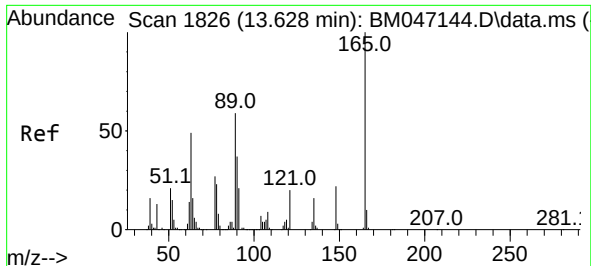
Tgt Ion:152 Resp: 2672273  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.8 23.6  
153 12.8 10.4 15.6



#50  
Dimethylphthalate  
Concen: 42.698 ng  
RT: 13.504 min Scan# 1805  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:163 Resp: 2054116  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.0 4.6  
164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 40.563 ng

RT: 13.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

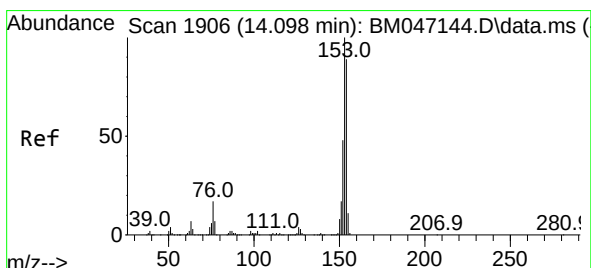
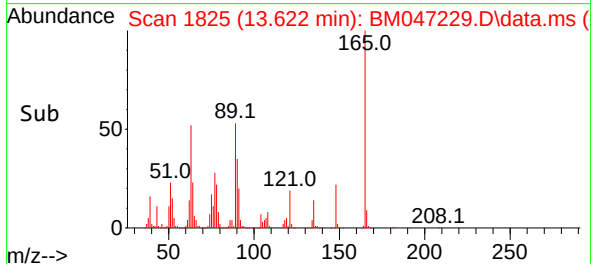
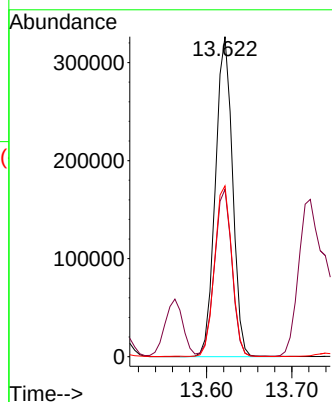
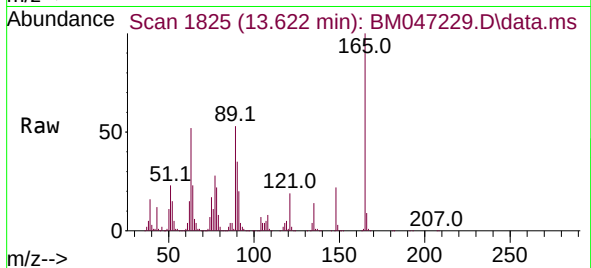
Tgt Ion:165 Resp: 456167

Ion Ratio Lower Upper

165 100

63 52.3 46.5 69.7

89 53.4 47.3 70.9



#52

Acenaphthene

Concen: 43.315 ng

RT: 14.086 min Scan# 1904

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

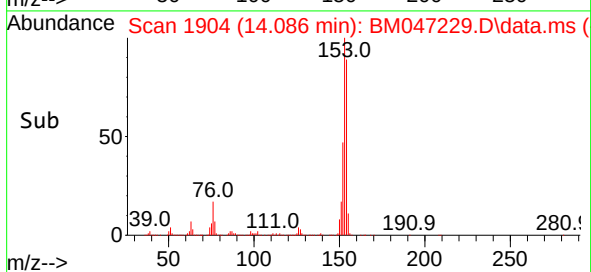
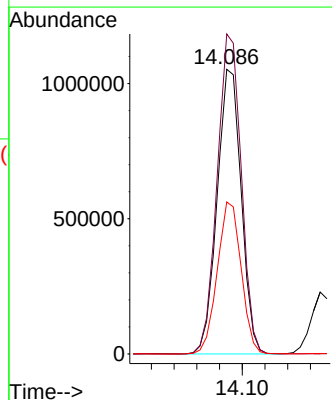
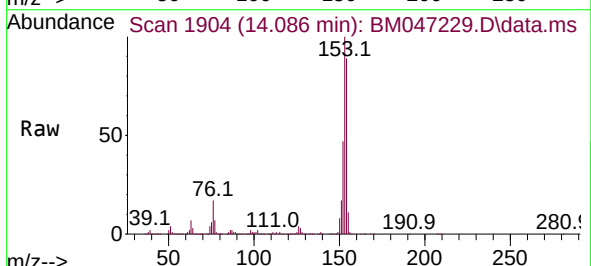
Tgt Ion:154 Resp: 1552324

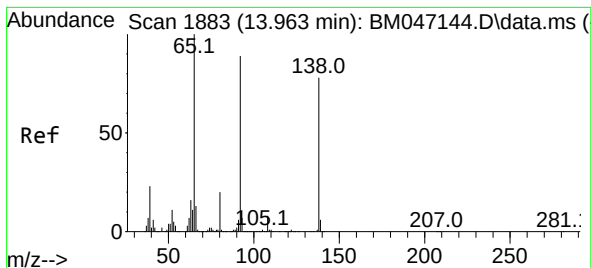
Ion Ratio Lower Upper

154 100

153 112.4 90.3 135.5

152 53.4 42.9 64.3

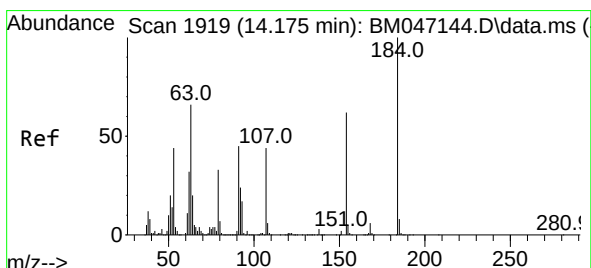
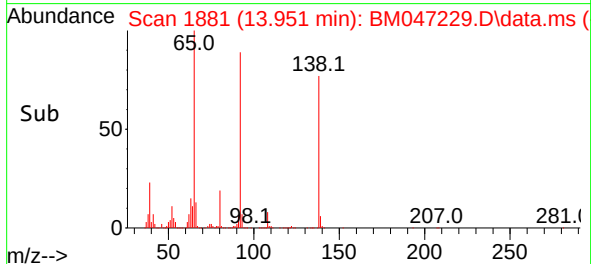
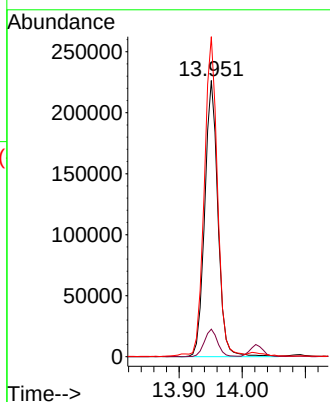
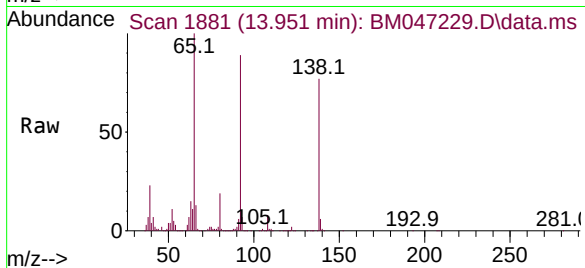




#53  
3-Nitroaniline  
Concen: 29.206 ng  
RT: 13.951 min Scan# 1881  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

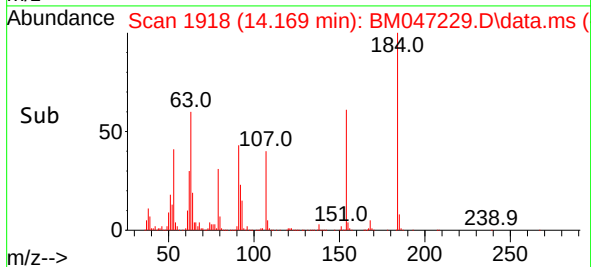
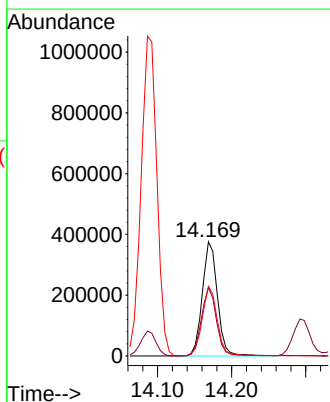
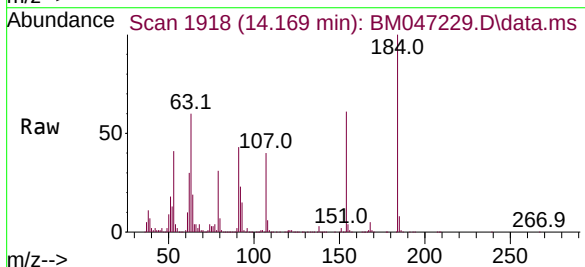
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

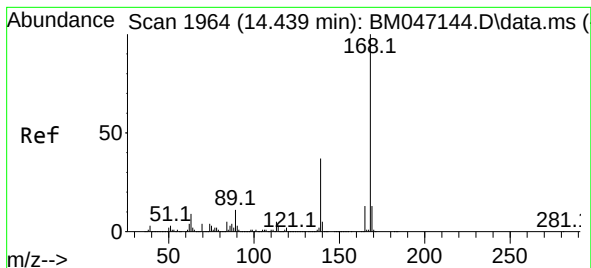
Tgt Ion:138 Resp: 329124  
Ion Ratio Lower Upper  
138 100  
108 9.9 7.9 11.9  
92 115.9 92.0 138.0



#54  
2,4-Dinitrophenol  
Concen: 79.071 ng  
RT: 14.169 min Scan# 1918  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:184 Resp: 532957  
Ion Ratio Lower Upper  
184 100  
63 59.9 52.7 79.1  
154 60.9 50.4 75.6





#55

Dibenzenofuran

Concen: 43.471 ng

RT: 14.427 min Scan# 1962

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

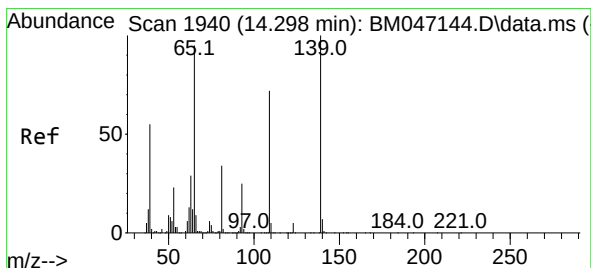
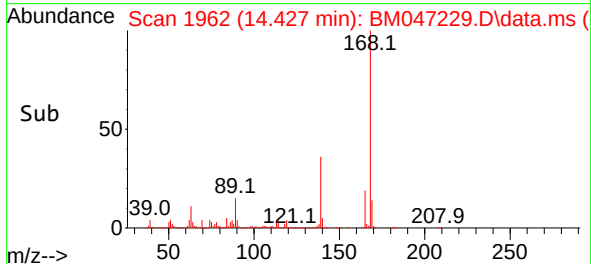
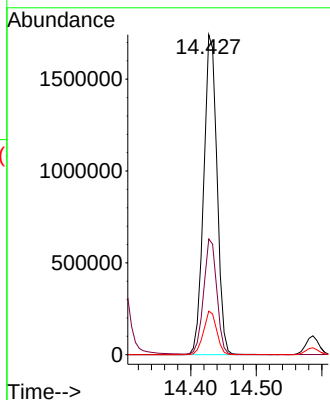
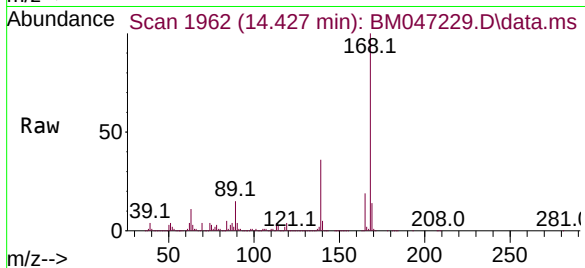
Tgt Ion:168 Resp: 2460795

Ion Ratio Lower Upper

168 100

139 36.1 29.6 44.4

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 72.802 ng

RT: 14.298 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

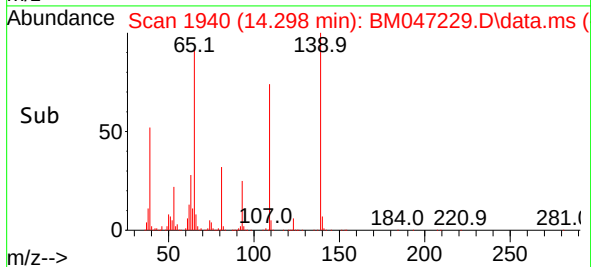
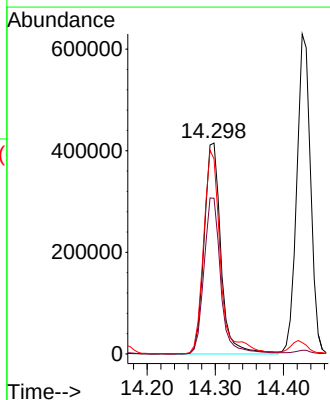
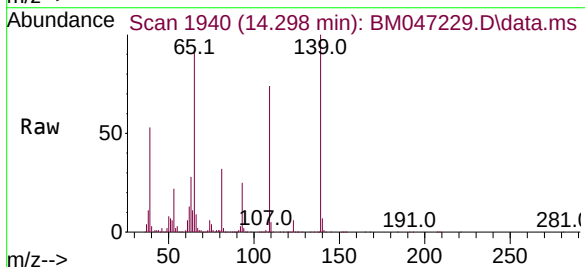
Tgt Ion:139 Resp: 707436

Ion Ratio Lower Upper

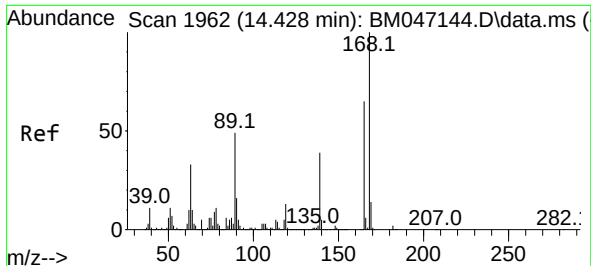
139 100

109 73.8 52.5 92.5

65 92.5 75.4 115.4







#57

2,4-Dinitrotoluene

Concen: 39.454 ng

RT: 14.422 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BM047229.D

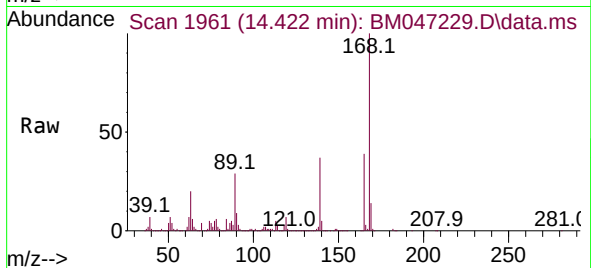
Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS



Tgt Ion:165 Resp: 592233

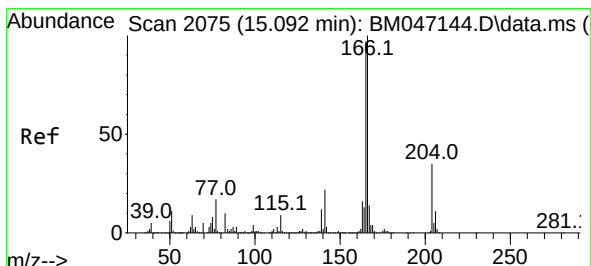
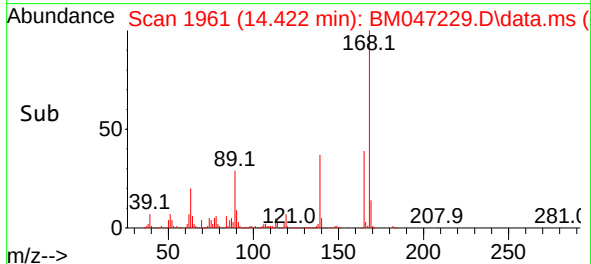
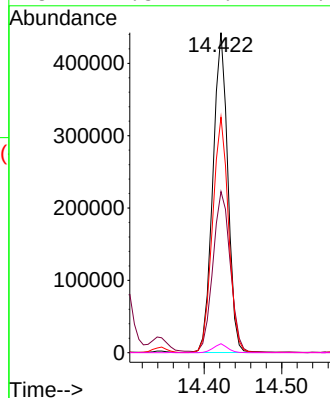
Ion Ratio Lower Upper

165 100

63 50.4 40.3 60.5

89 73.6 61.0 91.6

182 2.8 1.9 2.9



#58

Fluorene

Concen: 41.310 ng

RT: 15.086 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

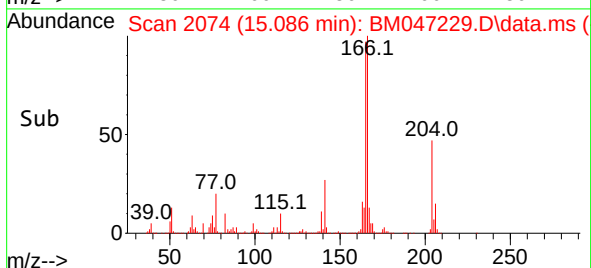
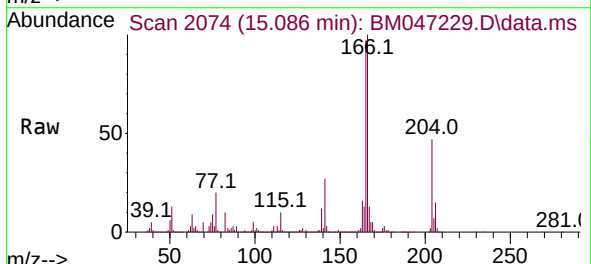
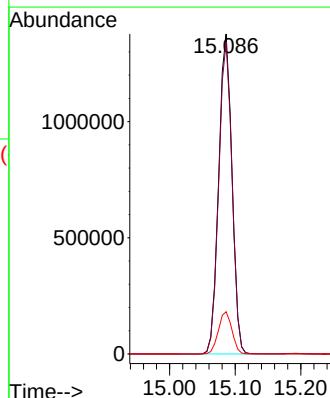
Tgt Ion:166 Resp: 1929510

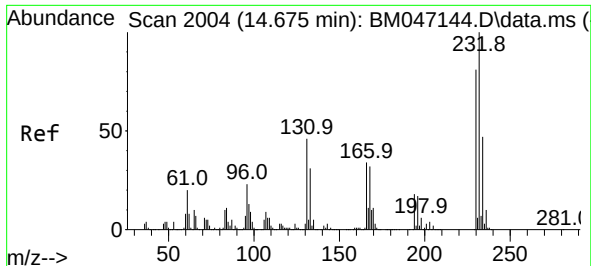
Ion Ratio Lower Upper

166 100

165 97.5 77.4 116.0

167 13.2 11.0 16.6

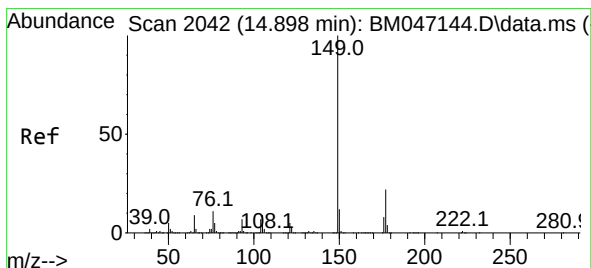
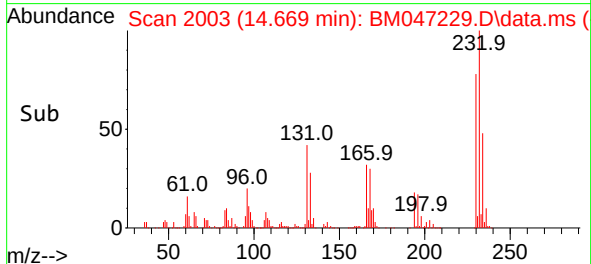
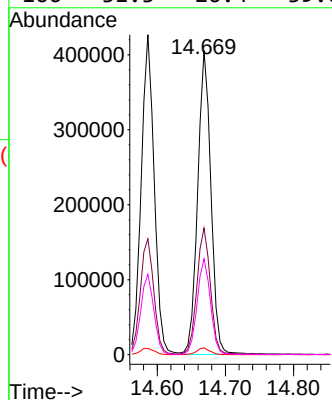
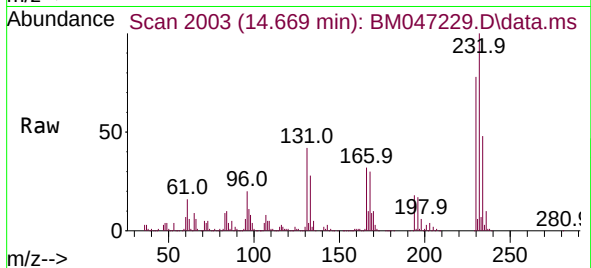




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.675 ng  
RT: 14.669 min Scan# 2004  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

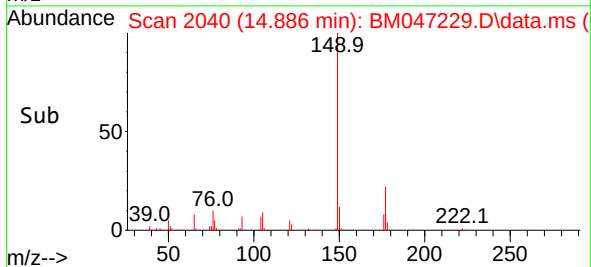
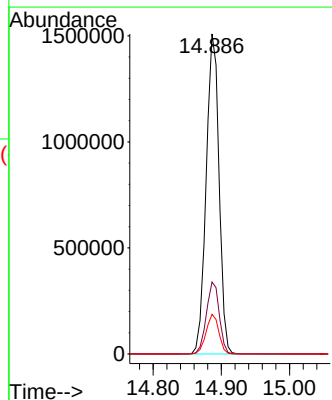
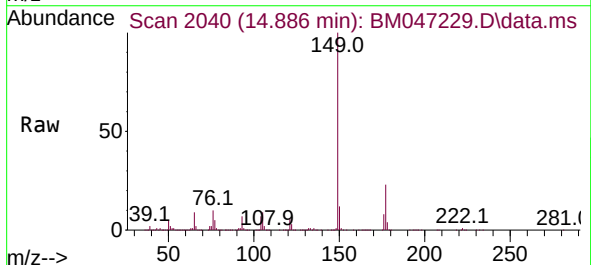
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

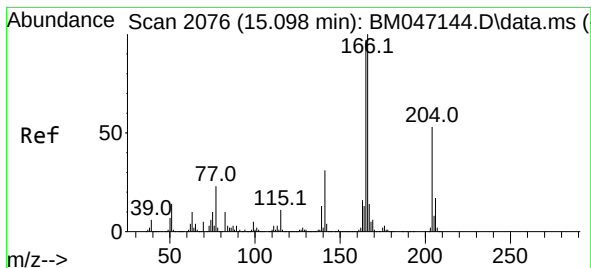
Tgt Ion:232 Resp: 544397  
Ion Ratio Lower Upper  
232 100  
131 42.0 36.9 55.3  
130 2.3 2.0 3.0  
166 31.3 26.4 39.6



#60  
Diethylphthalate  
Concen: 40.249 ng  
RT: 14.886 min Scan# 2040  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:149 Resp: 1977331  
Ion Ratio Lower Upper  
149 100  
177 22.5 17.6 26.4  
150 12.4 9.8 14.6

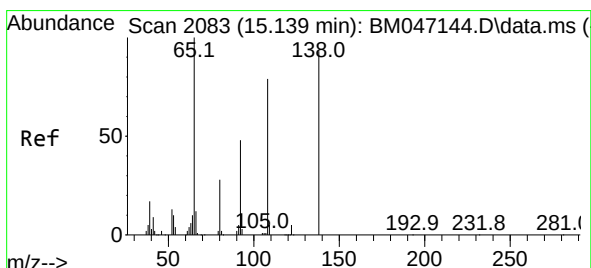
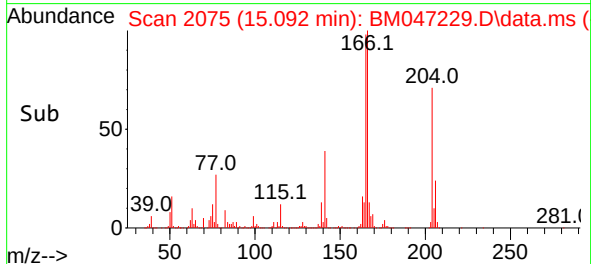
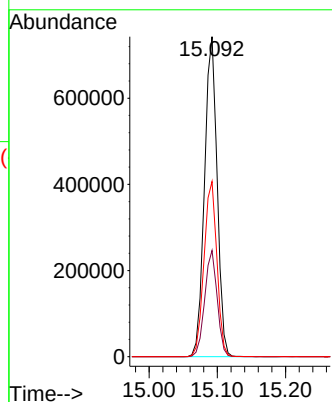
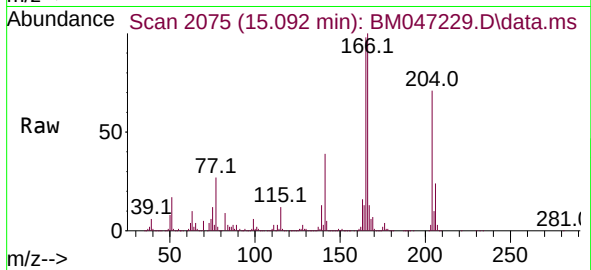




#61  
4-Chlorophenyl-phenylether  
Concen: 43.044 ng  
RT: 15.092 min Scan# 2076  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

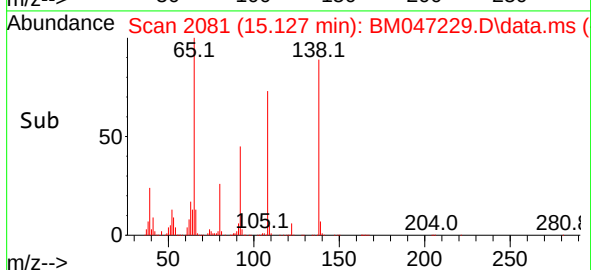
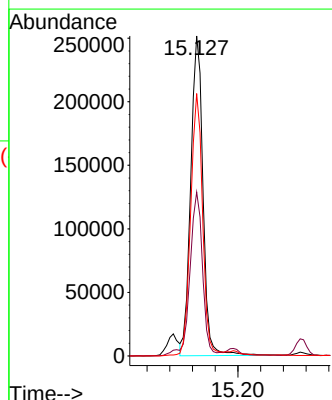
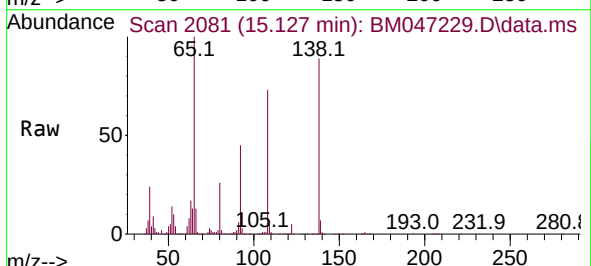
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

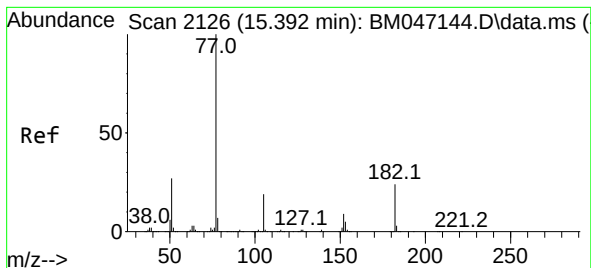
Tgt Ion:204 Resp: 957159  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.2 39.4  
141 54.7 47.2 70.8



#62  
4-Nitroaniline  
Concen: 34.000 ng  
RT: 15.127 min Scan# 2081  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:138 Resp: 377459  
Ion Ratio Lower Upper  
138 100  
92 51.2 31.9 71.9  
108 82.0 63.8 103.8





#63

Azobenzene

Concen: 40.093 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

Tgt Ion: 77 Resp: 1867546

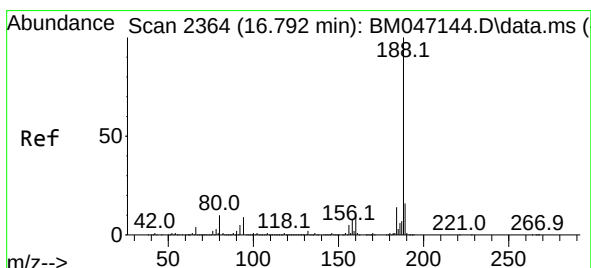
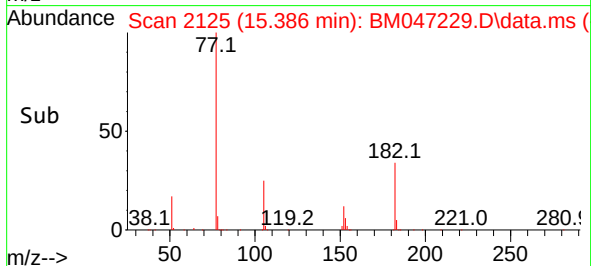
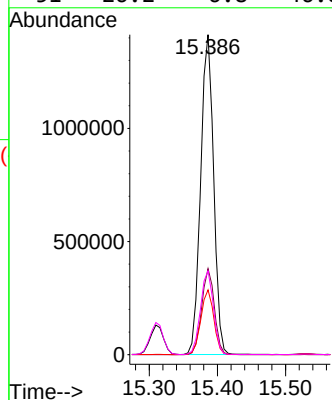
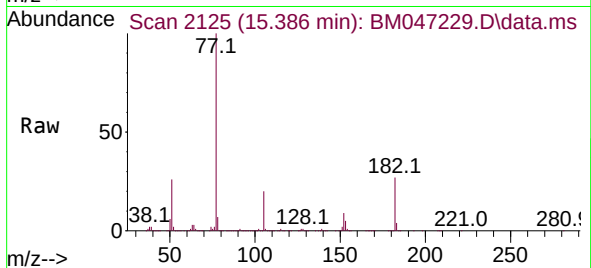
Ion Ratio Lower Upper

77 100

182 26.9 3.8 43.8

105 20.3 0.0 39.5

51 26.2 6.8 46.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.786 min Scan# 2363

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

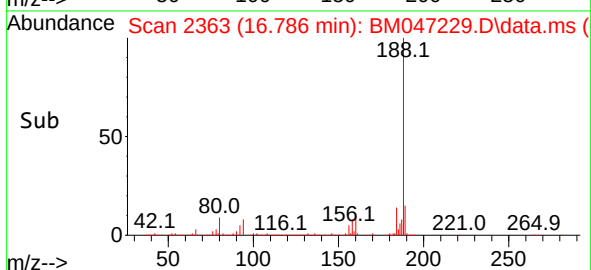
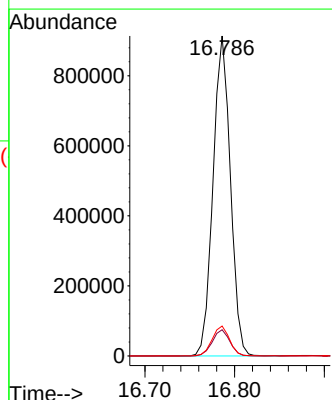
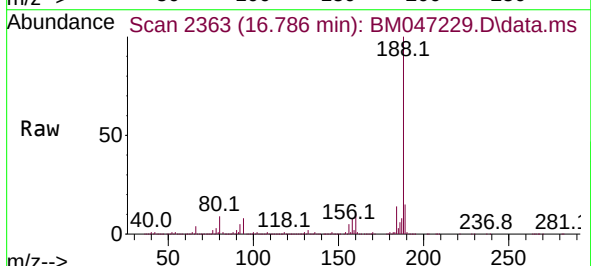
Tgt Ion:188 Resp: 1226170

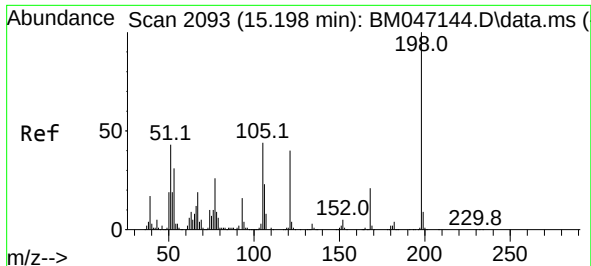
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 9.3 8.0 12.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.633 ng  
RT: 15.192 min Scan# 2092  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

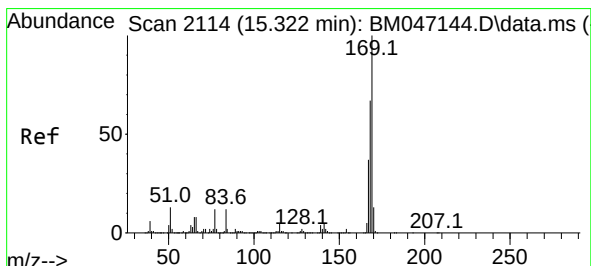
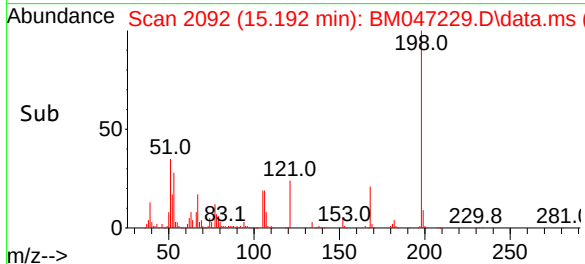
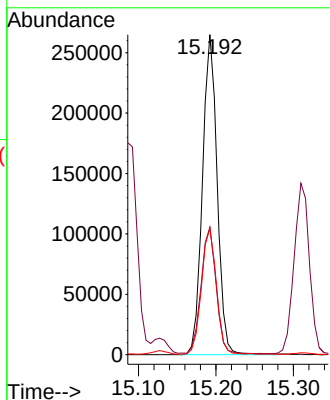
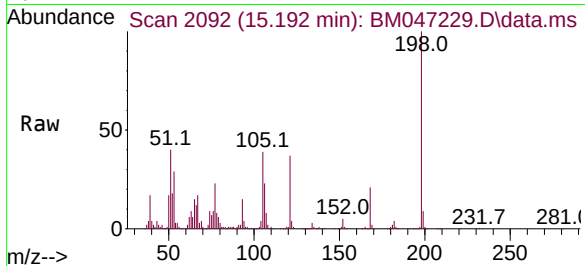
Instrument :

BNA\_M

ClientSampleId :

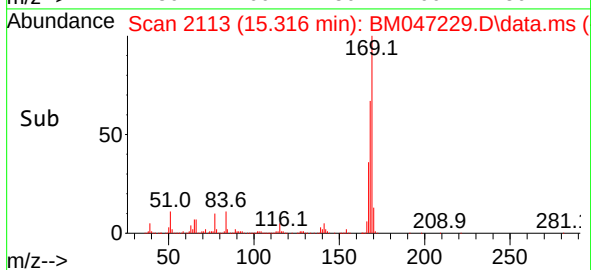
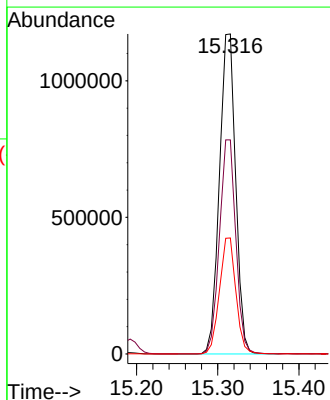
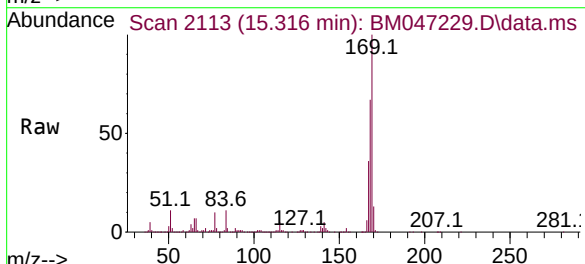
PB162754BS

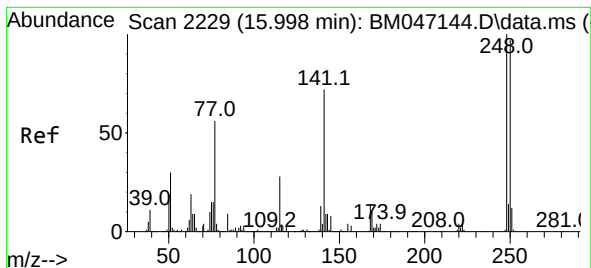
Tgt Ion:198 Resp: 349137  
Ion Ratio Lower Upper  
198 100  
51 39.9 23.9 63.9  
105 39.4 24.3 64.3



#66  
n-Nitrosodiphenylamine  
Concen: 48.916 ng  
RT: 15.316 min Scan# 2113  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:169 Resp: 1633698  
Ion Ratio Lower Upper  
169 100  
168 66.9 53.8 80.8  
167 36.2 29.3 43.9

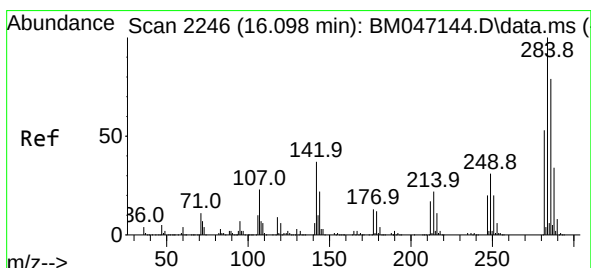
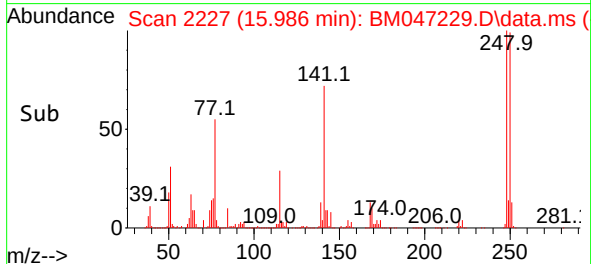
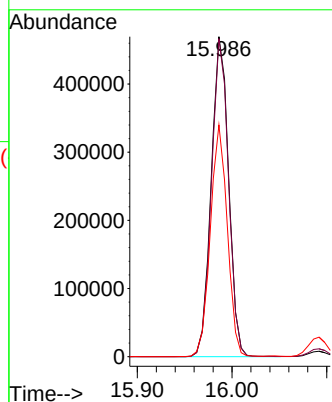
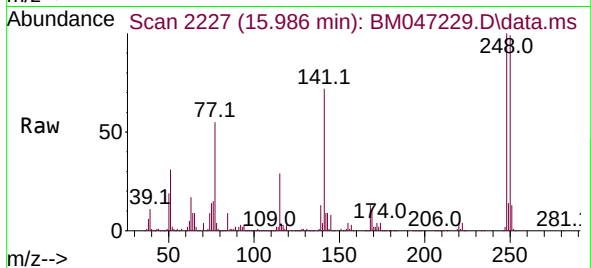




#67  
4-Bromophenyl-phenylether  
Concen: 50.561 ng  
RT: 15.986 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

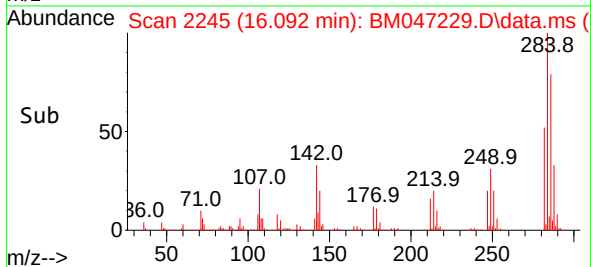
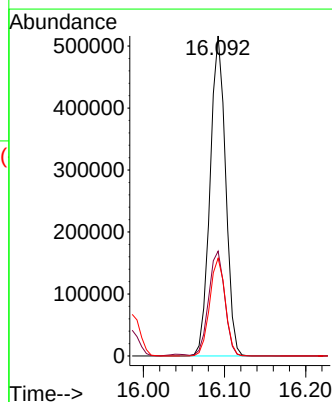
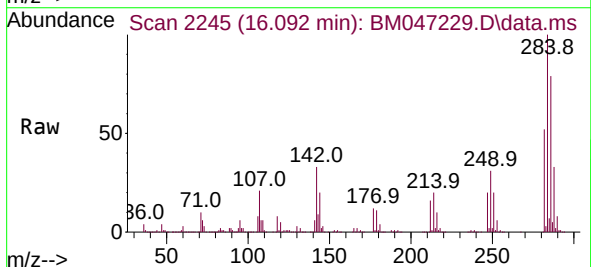
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

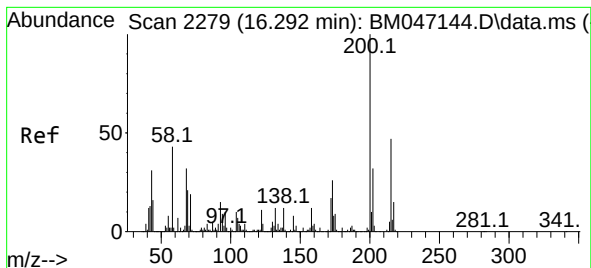
Tgt Ion:248 Resp: 597405  
Ion Ratio Lower Upper  
248 100  
250 99.4 77.8 116.8  
141 72.4 57.7 86.5



#68  
Hexachlorobenzene  
Concen: 48.396 ng  
RT: 16.092 min Scan# 2245  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:284 Resp: 684847  
Ion Ratio Lower Upper  
284 100  
142 32.8 29.4 44.0  
249 30.5 25.1 37.7





#69

Atrazine

Concen: 48.632 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

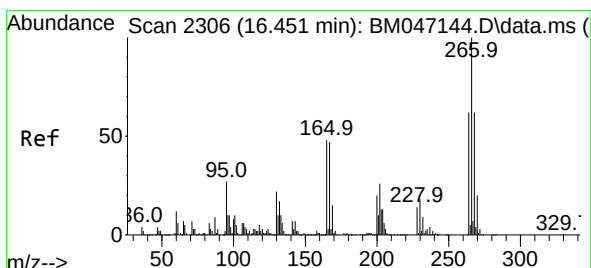
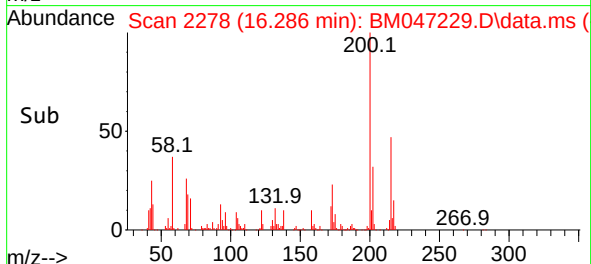
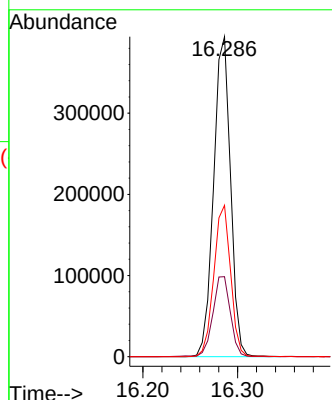
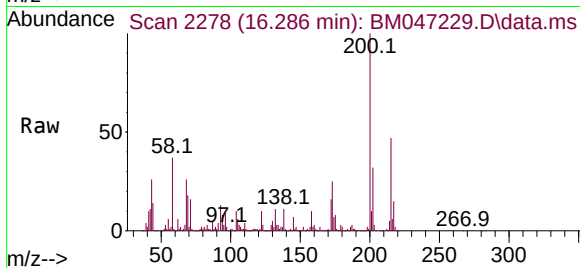
Tgt Ion:200 Resp: 488747

Ion Ratio Lower Upper

200 100

173 25.0 6.1 46.1

215 47.3 26.8 66.8



#70

Pentachlorophenol

Concen: 85.604 ng

RT: 16.445 min Scan# 2305

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

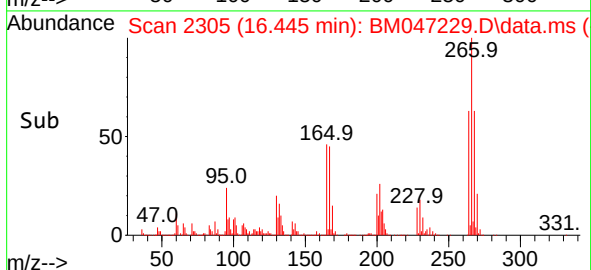
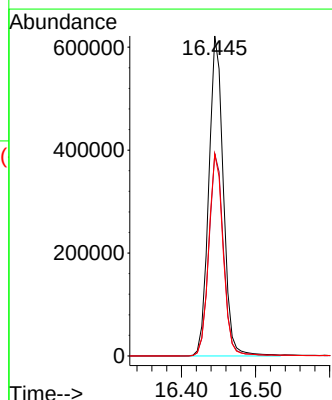
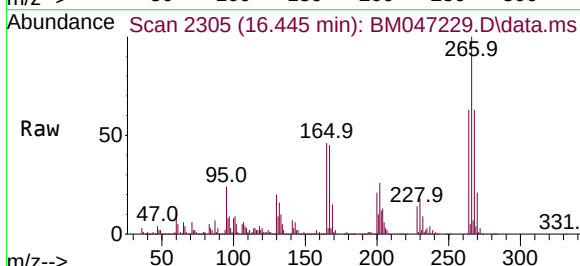
Tgt Ion:266 Resp: 849159

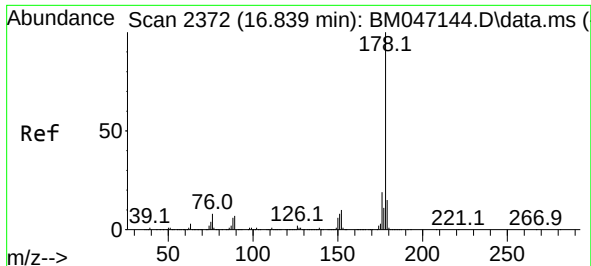
Ion Ratio Lower Upper

266 100

268 63.2 49.8 74.6

264 63.1 49.6 74.4

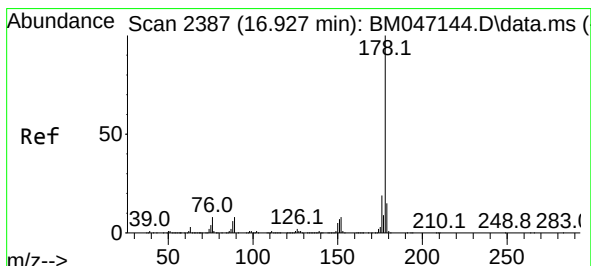
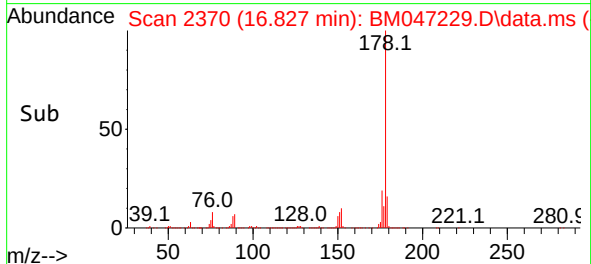
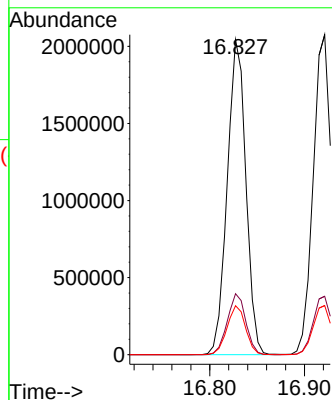
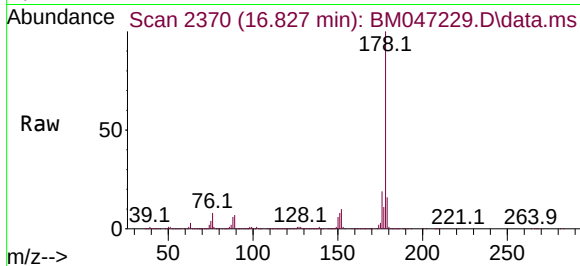




#71  
Phenanthrene  
Concen: 45.477 ng  
RT: 16.827 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

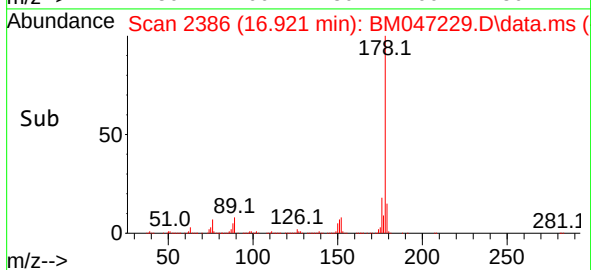
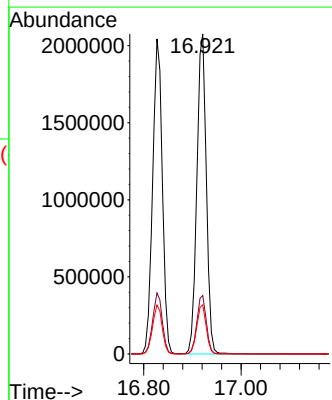
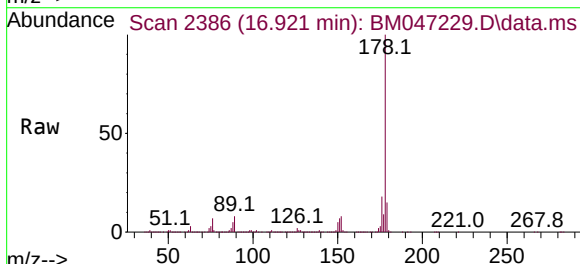
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

Tgt Ion:178 Resp: 2798487  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.3 22.9  
179 15.5 12.4 18.6

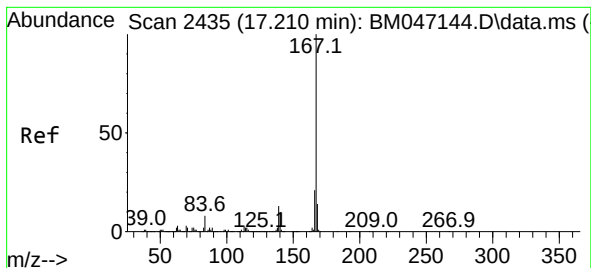


#72  
Anthracene  
Concen: 47.060 ng  
RT: 16.921 min Scan# 2386  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:178 Resp: 2817787  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.8 22.2  
179 15.4 12.4 18.6







#73

Carbazole

Concen: 41.489 ng

RT: 17.198 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

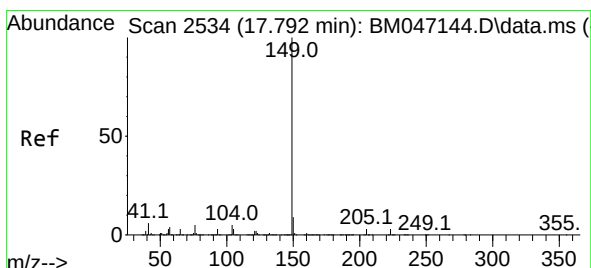
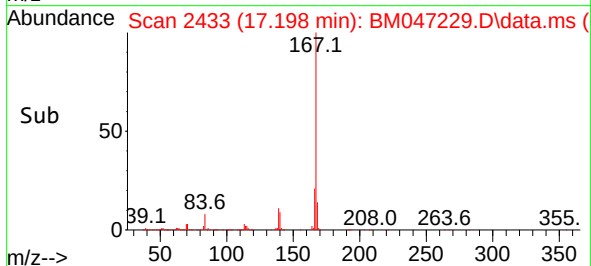
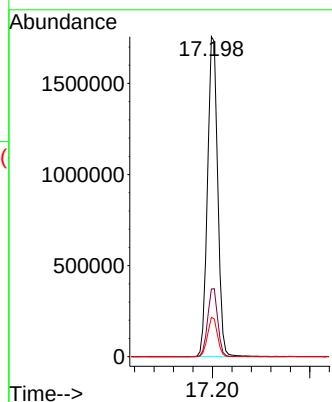
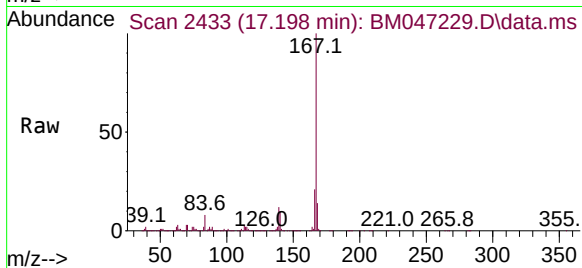
Tgt Ion:167 Resp: 2536421

Ion Ratio Lower Upper

167 100

166 21.1 17.1 25.7

139 12.3 10.0 15.0



#74

Di-n-butylphthalate

Concen: 44.924 ng

RT: 17.786 min Scan# 2533

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

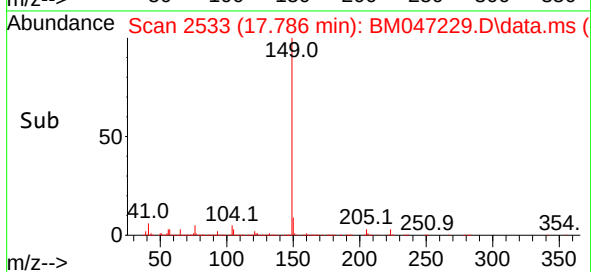
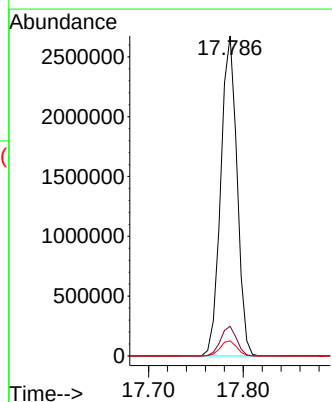
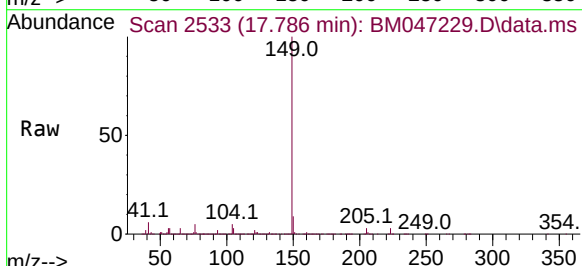
Tgt Ion:149 Resp: 3195659

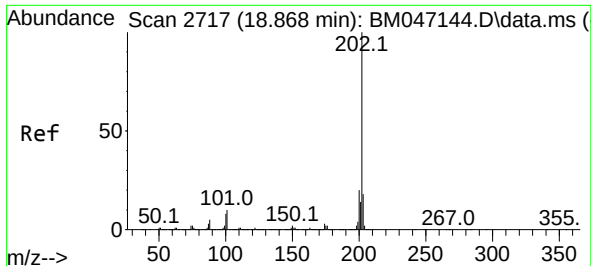
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.7 4.1 6.1

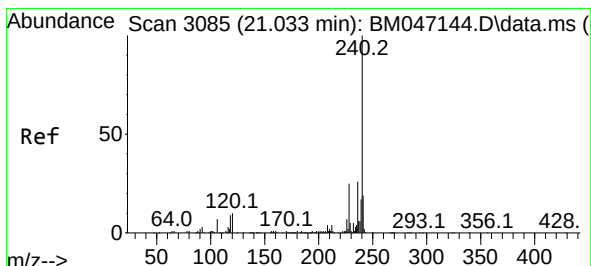
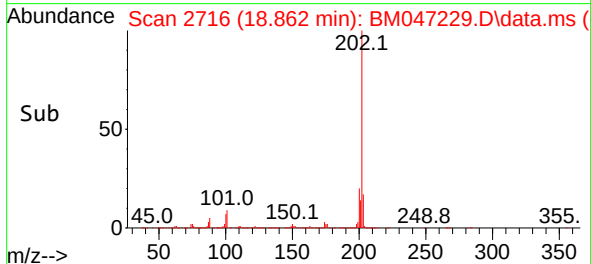
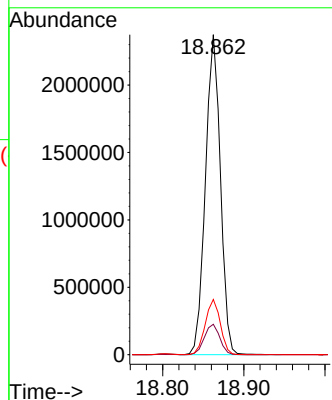
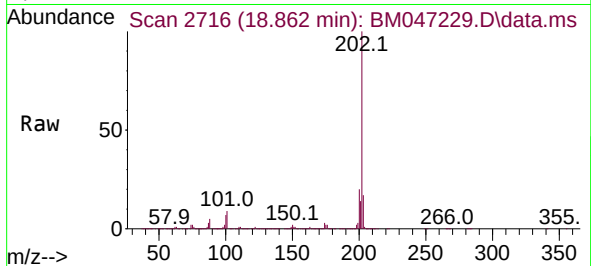




#75  
Fluoranthene  
Concen: 40.492 ng  
RT: 18.862 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

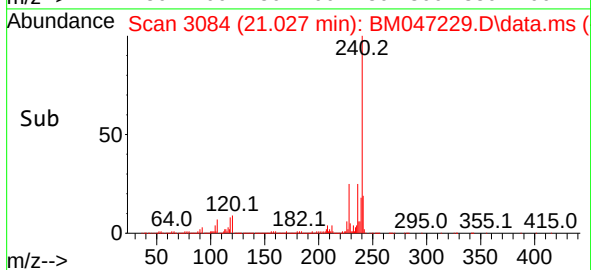
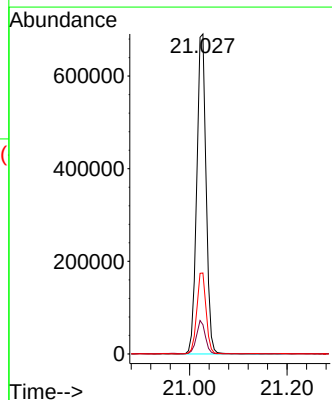
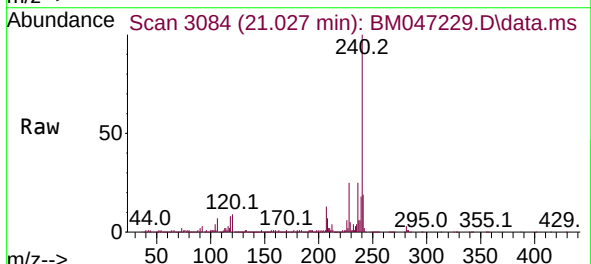
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

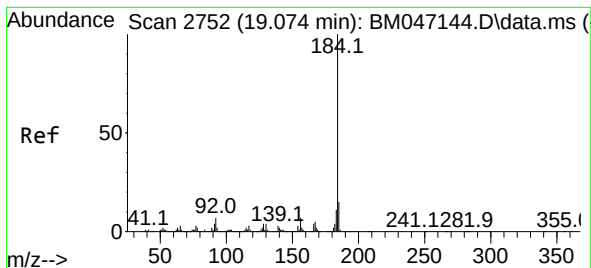
Tgt Ion:202 Resp: 3030759  
Ion Ratio Lower Upper  
202 100  
101 9.5 0.0 30.2  
203 17.2 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.027 min Scan# 3084  
Delta R.T. -0.006 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:240 Resp: 924825  
Ion Ratio Lower Upper  
240 100  
120 9.1 8.2 12.2  
236 25.3 20.6 30.8





#77

Benzidine

Concen: 45.015 ng

RT: 19.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

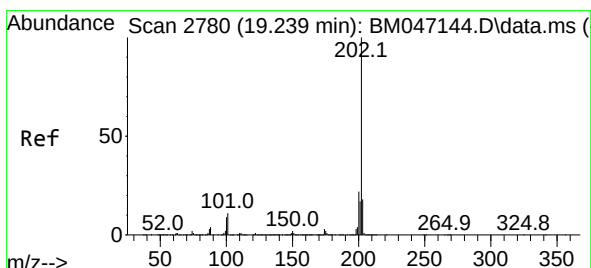
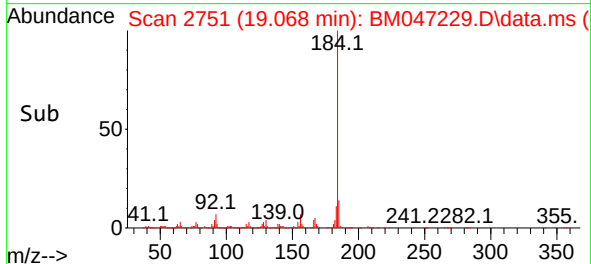
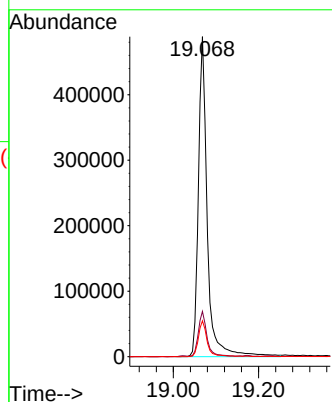
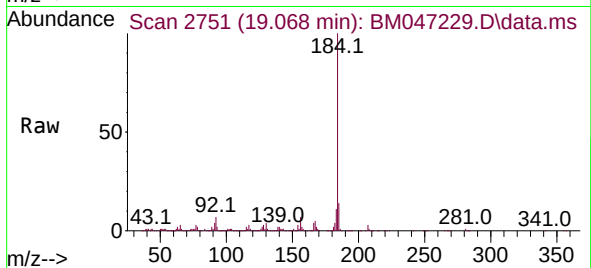
Tgt Ion:184 Resp: 705995

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

183 11.2 9.0 13.6



#78

Pyrene

Concen: 47.430 ng

RT: 19.227 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

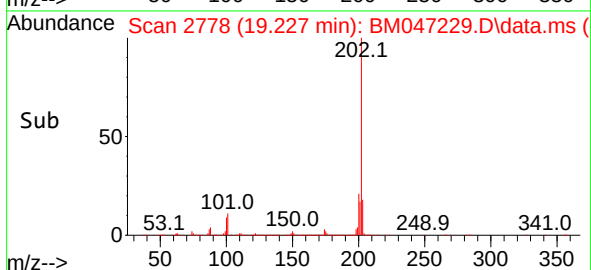
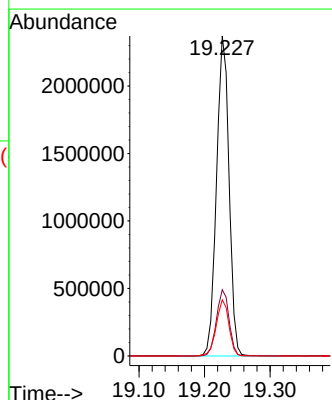
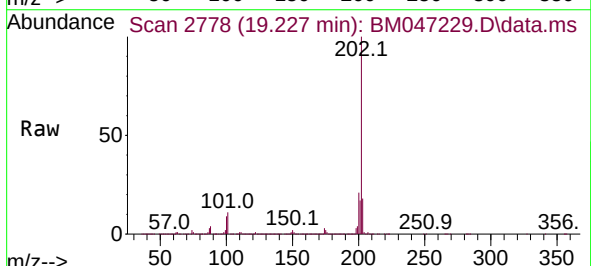
Tgt Ion:202 Resp: 3132040

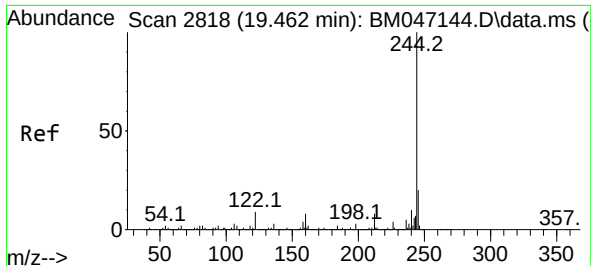
Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

203 17.6 14.2 21.2

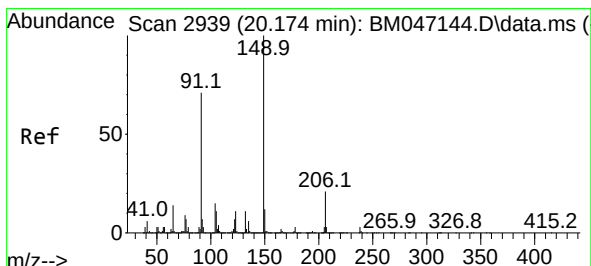
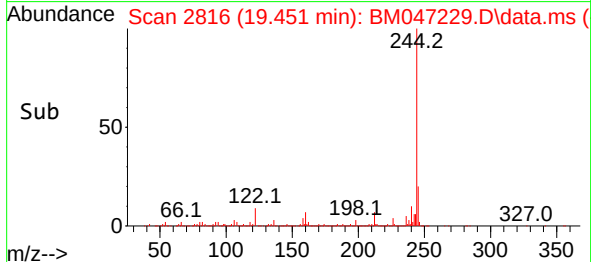
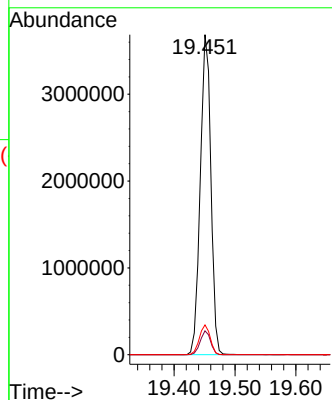
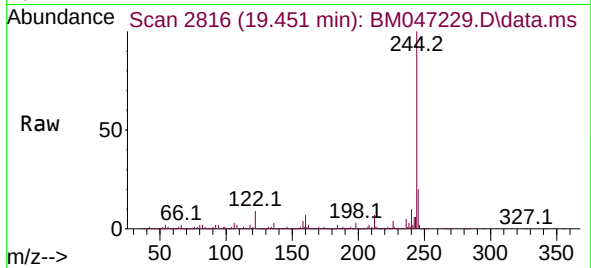




#79  
 Terphenyl-d14  
 Concen: 103.364 ng  
 RT: 19.451 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM047229.D  
 Acq: 16 Aug 2024 11:07

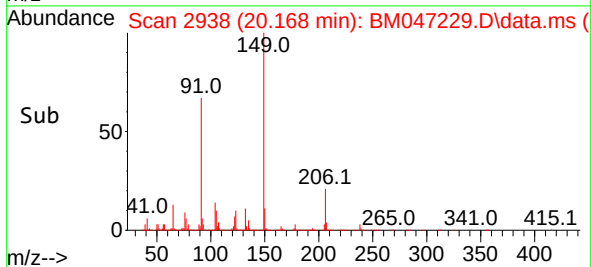
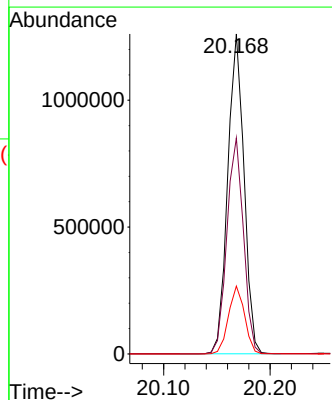
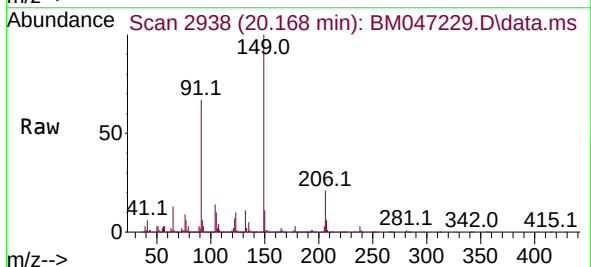
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162754BS

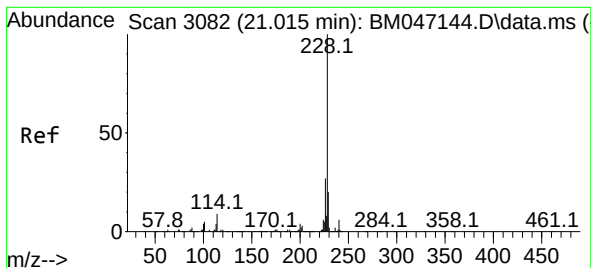
Tgt Ion:244 Resp: 4461207  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.2 9.4  
 122 9.3 7.1 10.7



#80  
 Butylbenzylphthalate  
 Concen: 49.618 ng  
 RT: 20.168 min Scan# 2938  
 Delta R.T. -0.006 min  
 Lab File: BM047229.D  
 Acq: 16 Aug 2024 11:07

Tgt Ion:149 Resp: 1337162  
 Ion Ratio Lower Upper  
 149 100  
 91 67.5 57.0 85.4  
 206 21.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 47.826 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

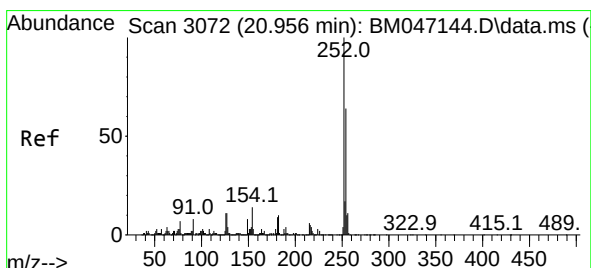
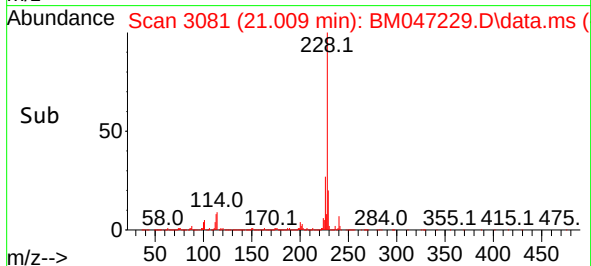
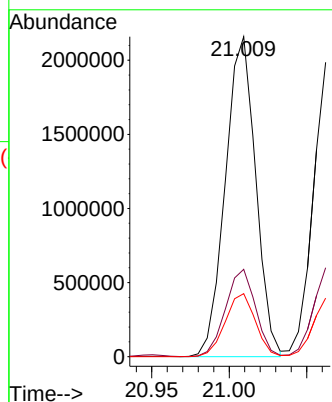
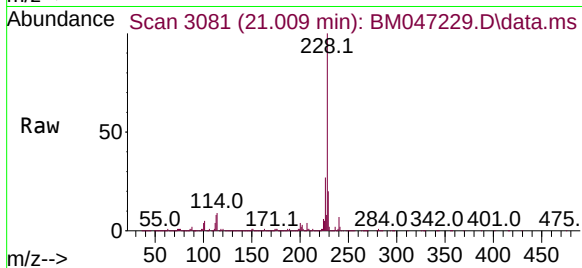
Tgt Ion:228 Resp: 2936288

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 47.611 ng

RT: 20.951 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

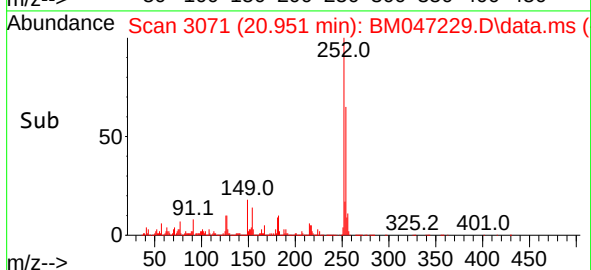
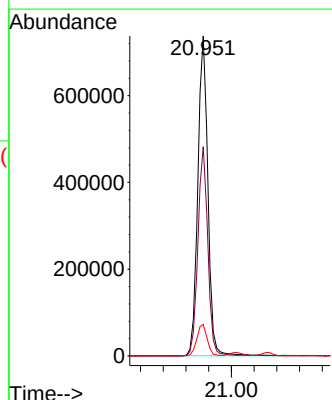
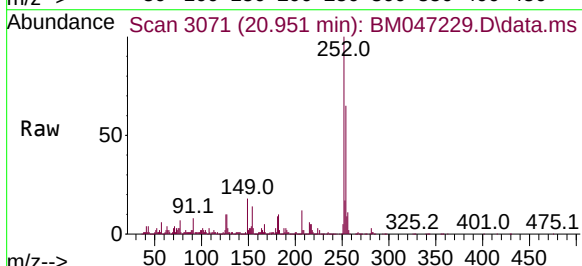
Tgt Ion:252 Resp: 914584

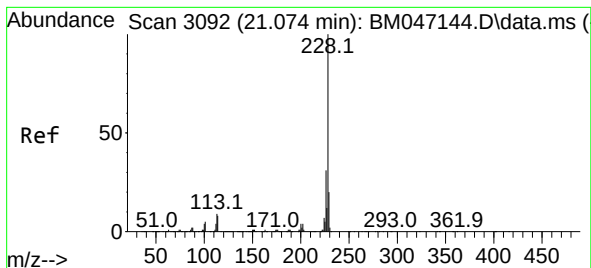
Ion Ratio Lower Upper

252 100

254 65.4 51.0 76.6

126 9.8 8.5 12.7





#83

Chrysene

Concen: 47.201 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

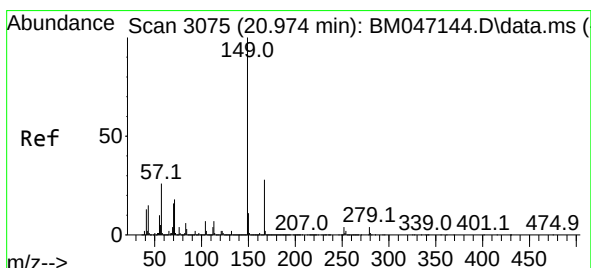
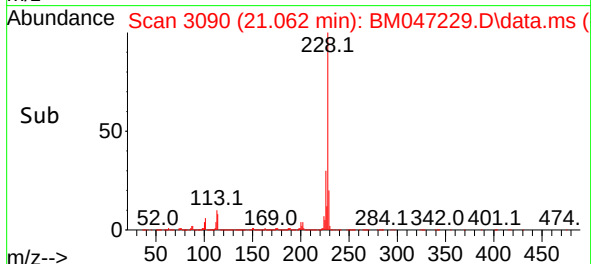
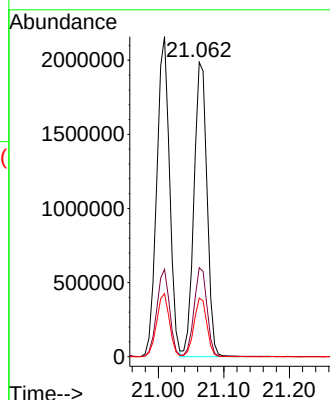
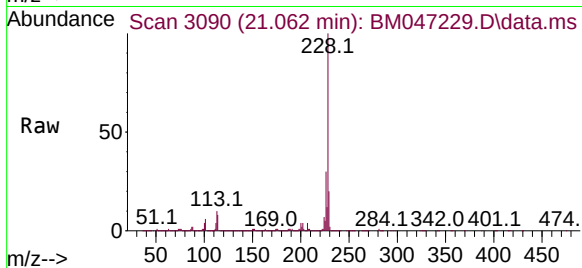
Tgt Ion:228 Resp: 2749477

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.742 ng

RT: 20.968 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

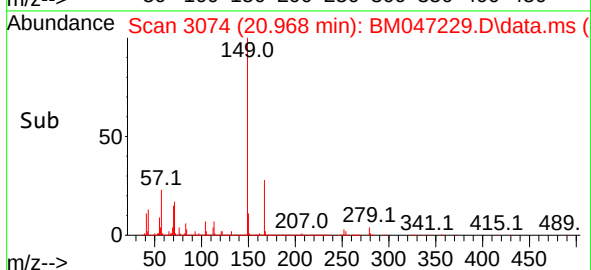
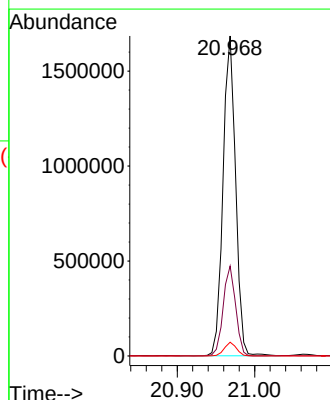
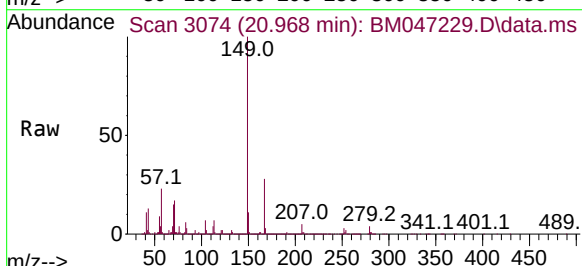
Tgt Ion:149 Resp: 1901034

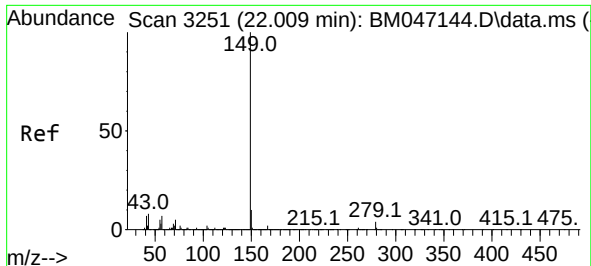
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

279 4.3 3.0 4.4

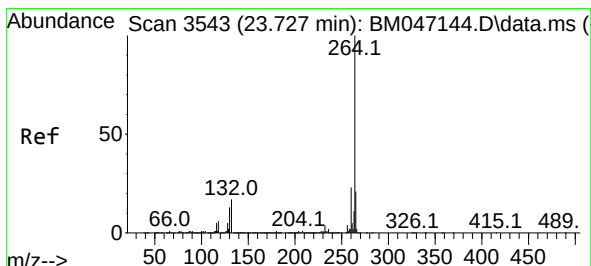
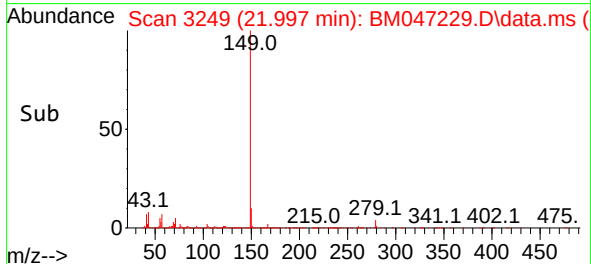
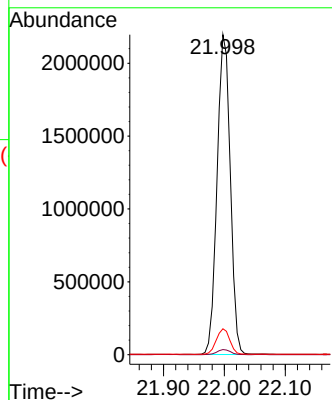
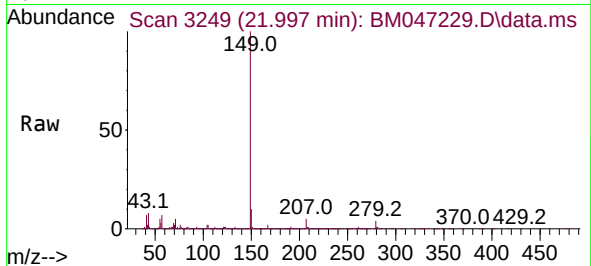




#85  
Di-n-octyl phthalate  
Concen: 50.692 ng  
RT: 21.997 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

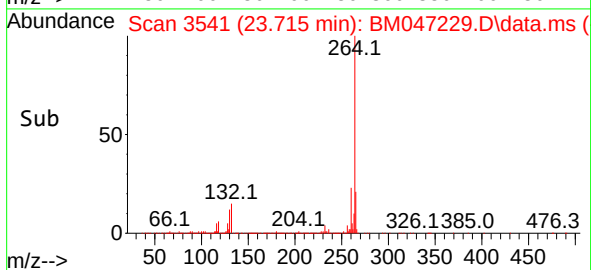
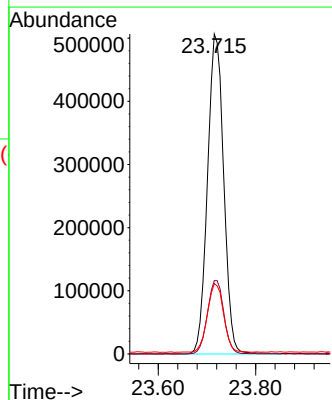
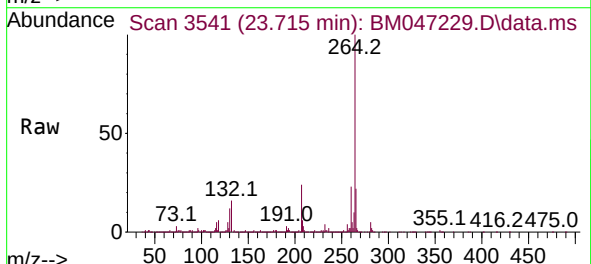
Instrument :  
BNA\_M  
ClientSampleId :  
PB162754BS

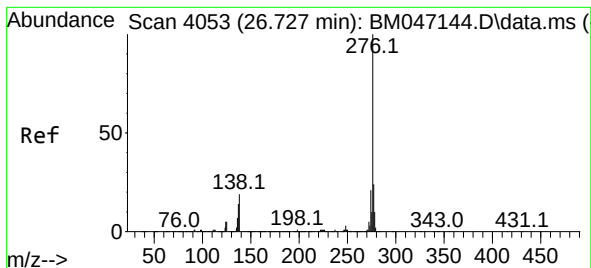
Tgt Ion:149 Resp: 3292944  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.1 6.9 10.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.715 min Scan# 3541  
Delta R.T. -0.012 min  
Lab File: BM047229.D  
Acq: 16 Aug 2024 11:07

Tgt Ion:264 Resp: 1166129  
Ion Ratio Lower Upper  
264 100  
260 22.9 18.5 27.7  
265 22.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.323 ng

RT: 26.715 min Scan# 4051

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

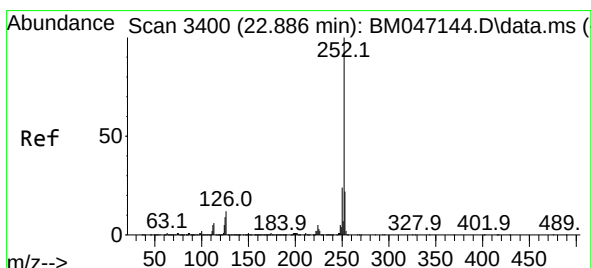
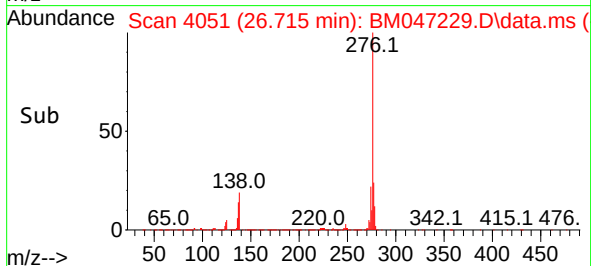
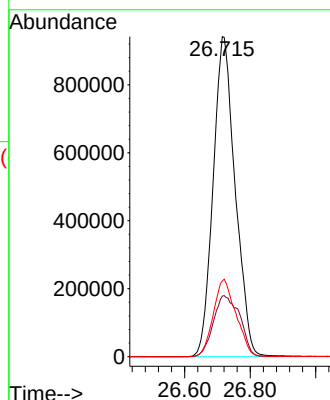
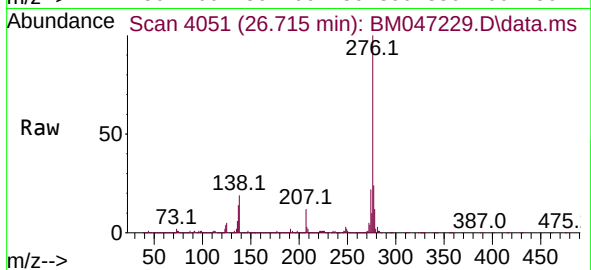
Tgt Ion:276 Resp: 4396180

Ion Ratio Lower Upper

276 100

138 23.0 19.4 29.0

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.669 ng

RT: 22.880 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

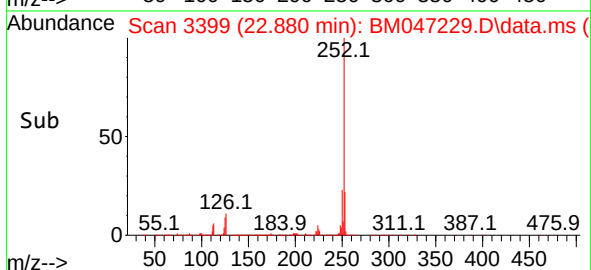
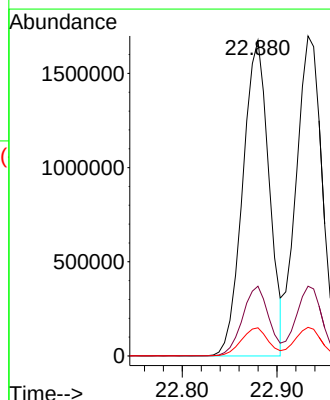
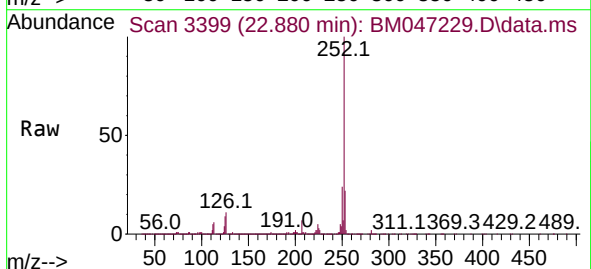
Tgt Ion:252 Resp: 3231937

Ion Ratio Lower Upper

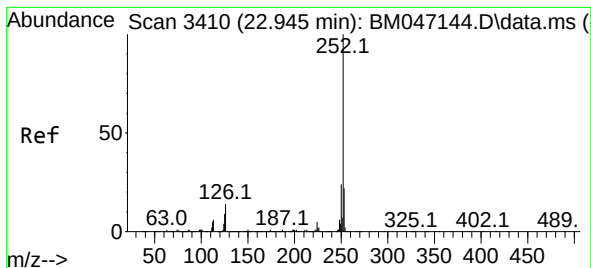
252 100

253 22.1 17.8 26.6

125 8.9 7.4 11.0







#89

Benzo(k)fluoranthene

Concen: 49.206 ng

RT: 22.933 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

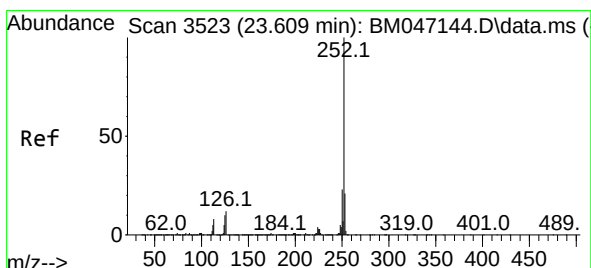
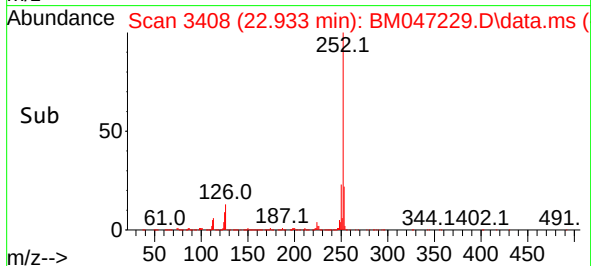
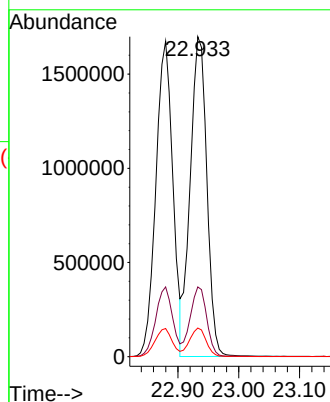
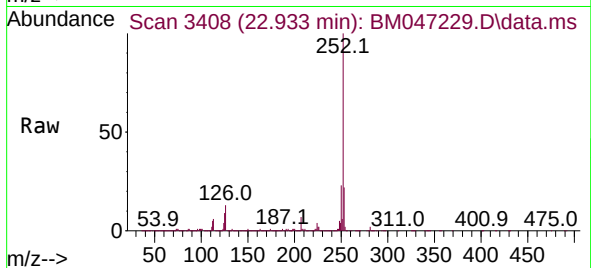
Tgt Ion:252 Resp: 3218611

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 52.905 ng

RT: 23.597 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

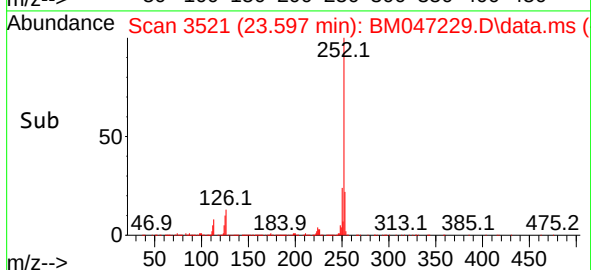
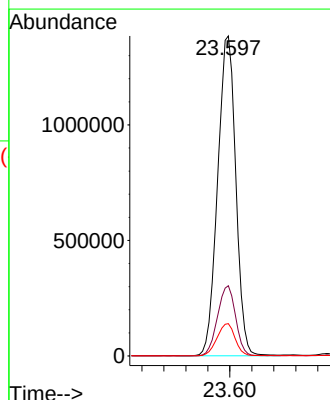
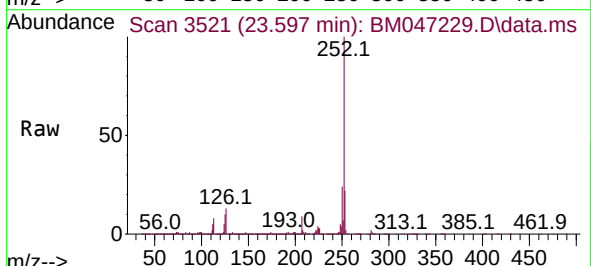
Tgt Ion:252 Resp: 3173785

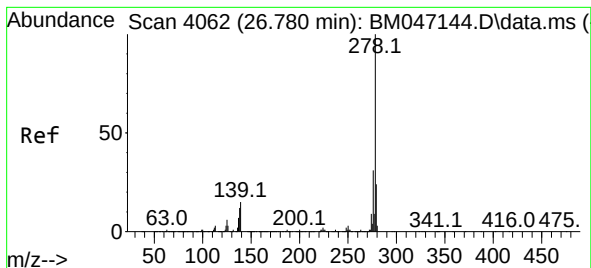
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 10.1 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 57.522 ng

RT: 26.768 min Scan# 4062

Delta R.T. -0.012 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Instrument :

BNA\_M

ClientSampleId :

PB162754BS

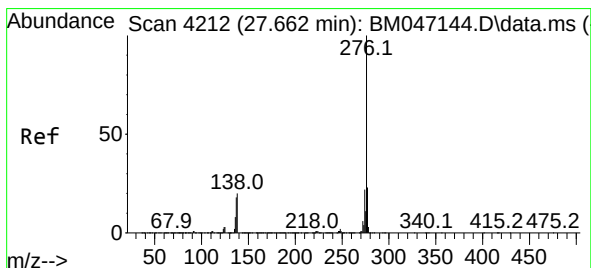
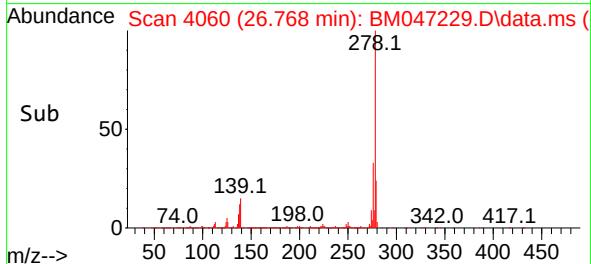
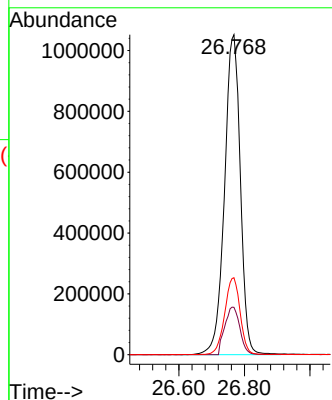
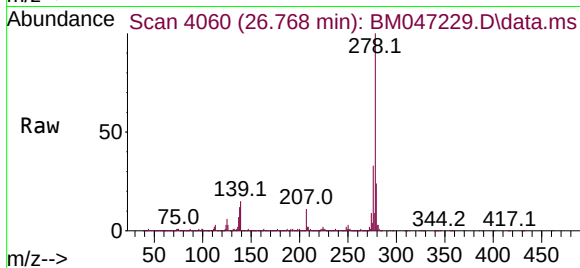
Tgt Ion:278 Resp: 3508858

Ion Ratio Lower Upper

278 100

139 14.8 12.0 18.0

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 56.130 ng

RT: 27.644 min Scan# 4209

Delta R.T. -0.018 min

Lab File: BM047229.D

Acq: 16 Aug 2024 11:07

Tgt Ion:276 Resp: 3554917

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 19.7 16.2 24.4

