

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110323\  
 Data File : BM042569.D  
 Acq On : 03 Nov 2023 14:11  
 Operator : MA/JU  
 Sample : PB156852BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB156852BS

Quant Time: Nov 03 22:37:55 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 03 15:52:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.916  | 152  | 43808    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.733 | 136  | 176957   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.568 | 164  | 112377   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.315 | 188  | 245500   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.497 | 240  | 249012   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.915 | 264  | 260800   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 433036   | 159.530 | ng    | 0.01     |
| 7) Phenol-d6                  | 7.081  | 99   | 569898   | 153.085 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.116  | 82   | 381708   | 100.555 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.062 | 330  | 247224   | 168.503 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.186 | 172  | 787134   | 94.251  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.933 | 244  | 1409496  | 95.977  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.305  | 88   | 50091    | 38.721  | ng    | # 94     |
| 3) Pyridine                   | 3.728  | 79   | 119293   | 32.146  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.657  | 42   | 100038   | 56.017  | ng    | 81       |
| 6) Aniline                    | 7.257  | 93   | 171776   | 36.300  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.469  | 128  | 146666   | 50.109  | ng    | 98       |
| 9) Benzaldehyde               | 7.075  | 77   | 47588    | 22.180  | ng    | 96       |
| 10) Phenol                    | 7.110  | 94   | 198615   | 52.531  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.357  | 93   | 144615   | 45.212  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.792  | 146  | 155393   | 49.124  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.951  | 146  | 158023   | 49.360  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.263  | 146  | 150410   | 48.662  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.181  | 79   | 149616   | 56.768  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.445  | 45   | 233089   | 45.793  | ng    | 99       |
| 17) 2-Methylphenol            | 8.363  | 107  | 127681   | 47.693  | ng    | 96       |
| 18) Hexachloroethane          | 8.975  | 117  | 62582    | 49.960  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.734  | 70   | 127742   | 48.506  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.698  | 107  | 171354   | 47.875  | ng    | 97       |
| 22) Acetophenone              | 8.769  | 105  | 226119   | 50.666  | ng    | # 97     |
| 24) Nitrobenzene              | 9.157  | 77   | 189457   | 50.672  | ng    | 99       |
| 25) Isophorone                | 9.669  | 82   | 334996   | 49.859  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.857  | 139  | 77065    | 48.436  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.904  | 122  | 142455   | 55.422  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.151 | 93   | 192641   | 47.591  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.381 | 162  | 141958   | 55.817  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.586 | 180  | 149044   | 53.474  | ng    | 97       |
| 31) Naphthalene               | 10.786 | 128  | 438733   | 47.988  | ng    | 99       |
| 32) Benzoic acid              | 10.057 | 122  | 107255   | 51.021  | ng    | 91       |
| 33) 4-Chloroaniline           | 10.928 | 127  | 134706   | 37.787  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.004 | 225  | 95888    | 56.663  | ng    | 99       |
| 35) Caprolactam               | 11.757 | 113  | 44991    | 50.349  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 12.033 | 107  | 152534   | 52.700  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.392 | 142  | 300614   | 46.688  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.610 | 142  | 281692   | 46.480  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.739 | 216  | 173204   | 51.591  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.686 | 237  | 195906   | 96.017  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.998 | 196  | 115635   | 53.776  | ng    | 98       |

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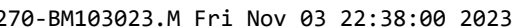
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB156852BS

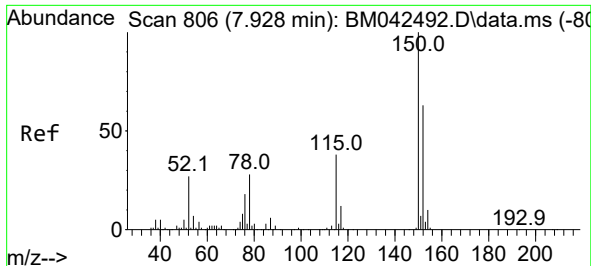
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 03 15:52:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.074 | 196  | 129318   | 50.538  | ng    | # 96     |
| 46) 1,1'-Biphenyl             | 13.404 | 154  | 406700   | 47.344  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.451 | 162  | 312708   | 49.621  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.692 | 65   | 120058   | 47.303  | ng    | 98       |
| 49) Acenaphthylene            | 14.298 | 152  | 501105   | 48.013  | ng    | 99       |
| 50) Dimethylphthalate         | 14.033 | 163  | 399240   | 47.533  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.180 | 165  | 84874    | 49.031  | ng    | 92       |
| 52) Acenaphthene              | 14.633 | 154  | 297784   | 47.012  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.521 | 138  | 68769    | 36.566  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.727 | 184  | 108862   | 87.791  | ng    | 93       |
| 55) Dibenzofuran              | 14.968 | 168  | 500508   | 48.599  | ng    | 100      |
| 56) 4-Nitrophenol             | 14.821 | 139  | 143832   | 90.445  | ng    | 85       |
| 57) 2,4-Dinitrotoluene        | 14.963 | 165  | 121456   | 46.442  | ng    | 95       |
| 58) Fluorene                  | 15.615 | 166  | 404310   | 48.521  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.186 | 232  | 115985   | 53.815  | ng    | 97       |
| 60) Diethylphthalate          | 15.380 | 149  | 402223   | 47.269  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.604 | 204  | 212008   | 50.362  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.686 | 138  | 76736    | 44.705  | ng    | 87       |
| 63) Azobenzene                | 15.898 | 77   | 464335   | 49.519  | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.715 | 198  | 72824    | 46.368  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.833 | 169  | 342424   | 49.467  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.504 | 248  | 126639   | 51.588  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.586 | 284  | 147299   | 54.238  | ng    | 98       |
| 69) Atrazine                  | 16.780 | 200  | 80889    | 40.441  | ng    | 98       |
| 70) Pentachlorophenol         | 16.951 | 266  | 193151   | 96.741  | ng    | 98       |
| 71) Phenanthrene              | 17.362 | 178  | 622660   | 48.533  | ng    | 100      |
| 72) Anthracene                | 17.451 | 178  | 631504   | 49.695  | ng    | 100      |
| 73) Carbazole                 | 17.745 | 167  | 560809   | 54.248  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.256 | 149  | 712034   | 49.047  | ng    | 99       |
| 75) Fluoranthene              | 19.374 | 202  | 765131   | 50.770  | ng    | 99       |
| 77) Benzidine                 | 19.592 | 184  | 295689   | 123.792 | ng    | 99       |
| 78) Pyrene                    | 19.739 | 202  | 811533   | 47.461  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.621 | 149  | 341813   | 46.805  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.486 | 228  | 779981   | 49.231  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.427 | 252  | 298385   | 59.259  | ng    | 99       |
| 83) Chrysene                  | 21.539 | 228  | 741371   | 46.066  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.362 | 149  | 499941   | 45.296  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.291 | 149  | 865079   | 45.536  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.450 | 276  | 940155   | 60.568  | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 23.168 | 252  | 782708   | 53.870  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.221 | 252  | 771902   | 47.676  | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.809 | 252  | 674250   | 47.134  | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 26.462 | 278  | 774028   | 53.497  | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 27.238 | 276  | 785632   | 57.427  | ng    | 96       |

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

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QLast Update : Fri Nov 03 15:52:20 2023  
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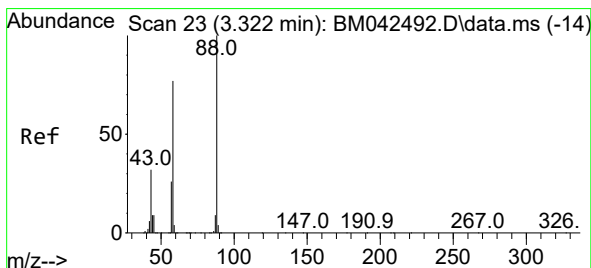
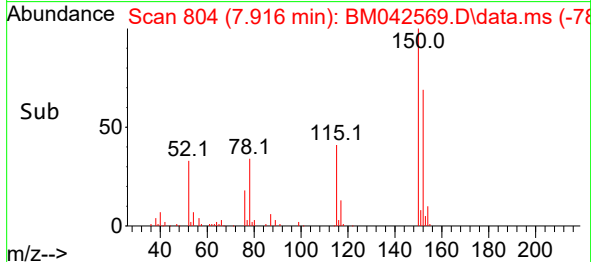
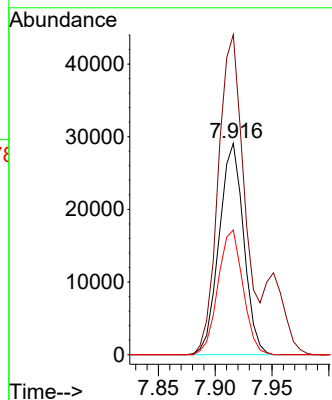
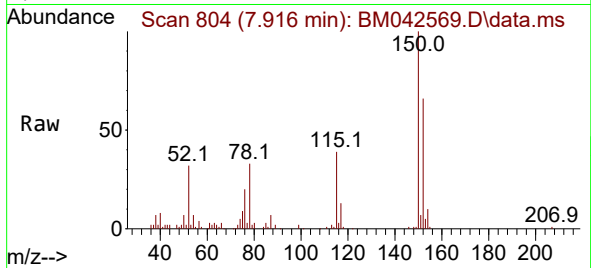




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.916 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

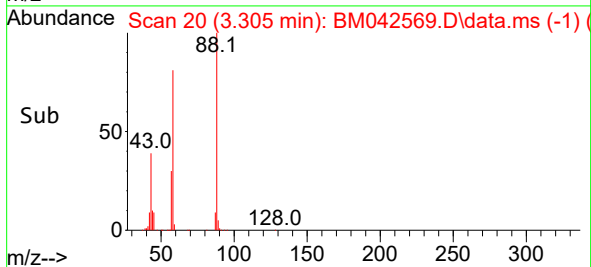
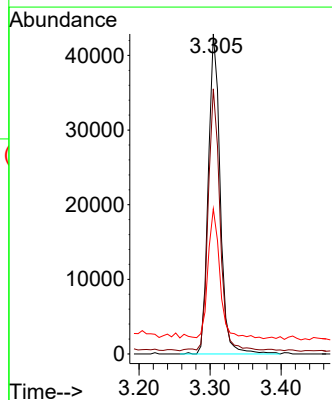
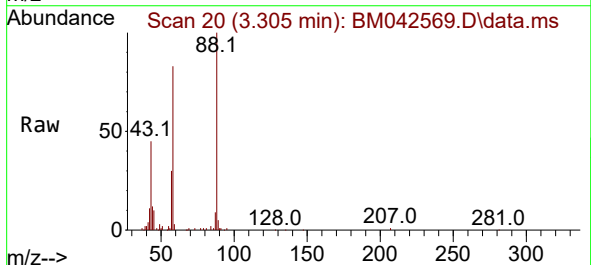
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

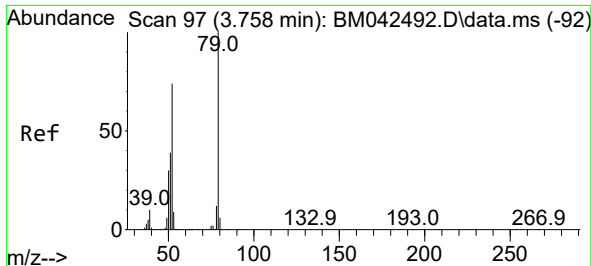
Tgt Ion:152 Resp: 43808  
Ion Ratio Lower Upper  
152 100  
150 151.4 127.4 191.0  
115 58.9 47.9 71.9



#2  
1,4-Dioxane  
Concen: 38.721 ng  
RT: 3.305 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion: 88 Resp: 50091  
Ion Ratio Lower Upper  
88 100  
58 81.2 62.6 93.8  
43 40.5 26.5 39.7#

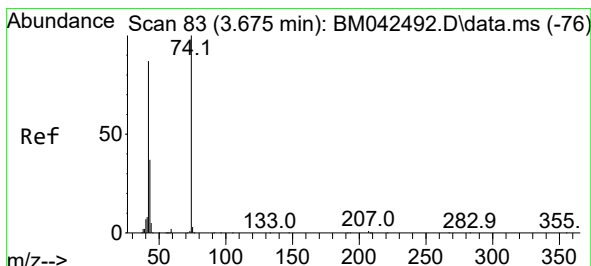
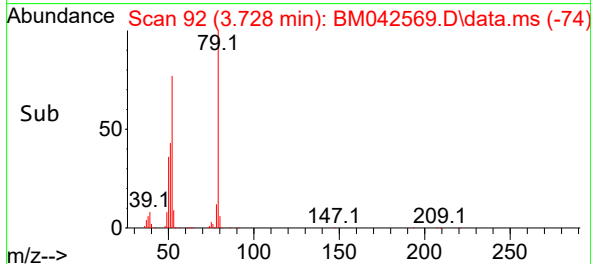
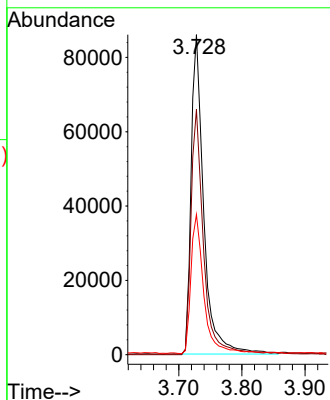
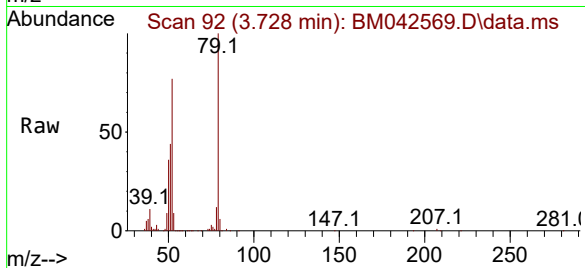




#3  
 Pyridine  
 Concen: 32.146 ng  
 RT: 3.728 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: BM042569.D  
 Acq: 03 Nov 2023 14:11

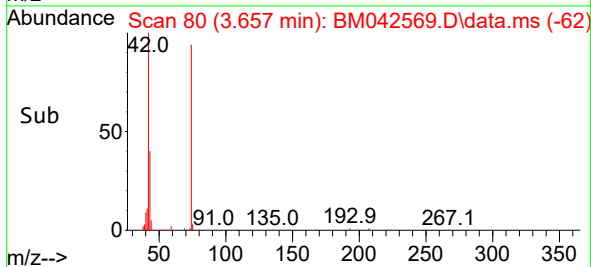
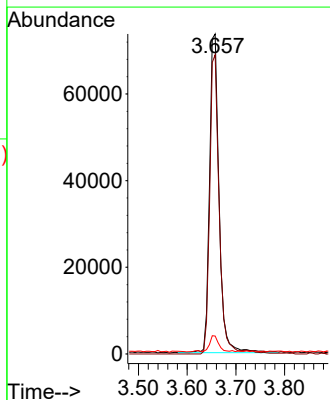
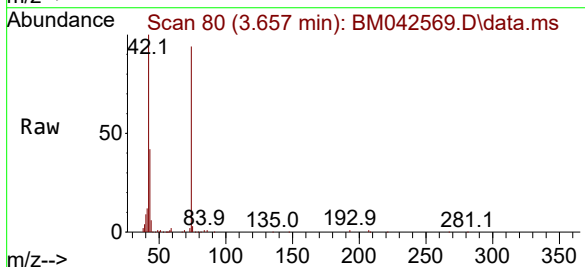
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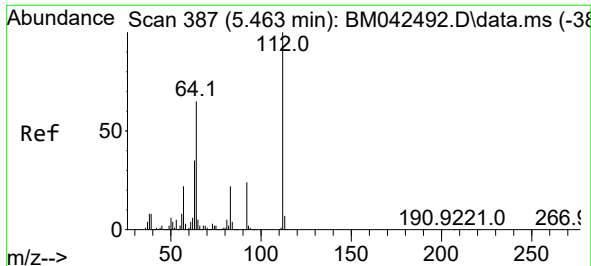
Tgt Ion: 79 Resp: 119293  
 Ion Ratio Lower Upper  
 79 100  
 52 76.6 59.3 88.9  
 51 43.8 32.7 49.1



#4  
 n-Nitrosodimethylamine  
 Concen: 56.017 ng  
 RT: 3.657 min Scan# 80  
 Delta R.T. 0.006 min  
 Lab File: BM042569.D  
 Acq: 03 Nov 2023 14:11

Tgt Ion: 42 Resp: 100038  
 Ion Ratio Lower Upper  
 42 100  
 74 93.5 92.2 138.2  
 44 5.6 5.1 7.7

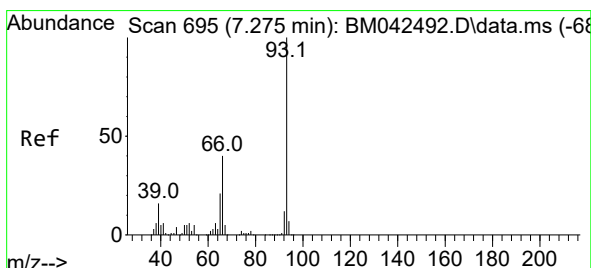
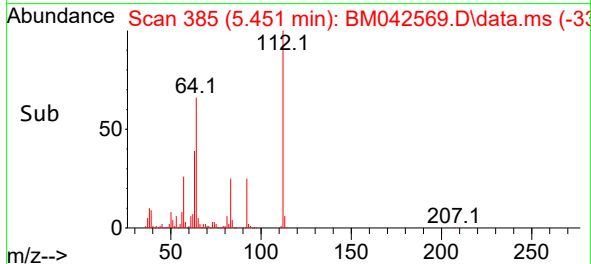
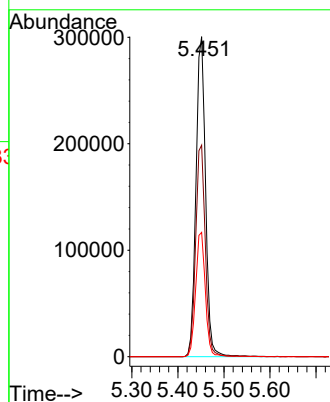
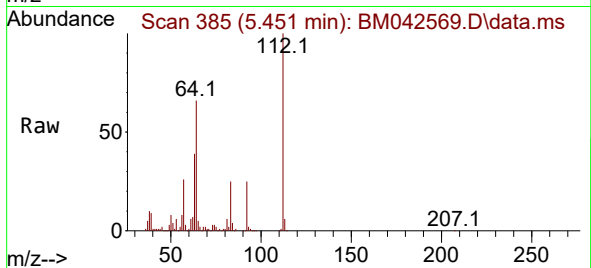




#5  
2-Fluorophenol  
Concen: 159.530 ng  
RT: 5.451 min Scan# 387  
Delta R.T. 0.011 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

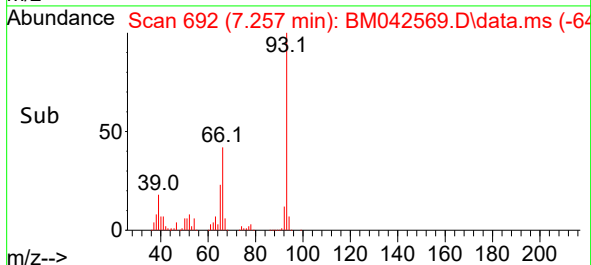
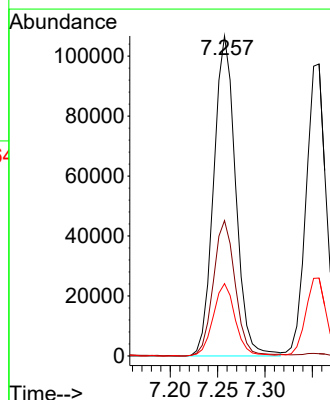
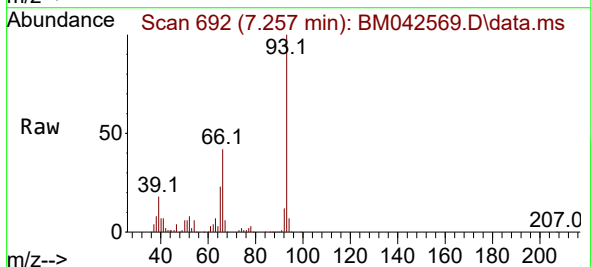
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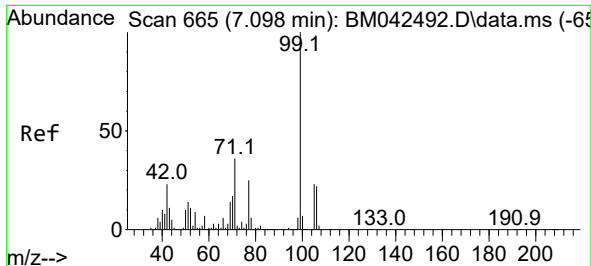
Tgt Ion:112 Resp: 433036  
Ion Ratio Lower Upper  
112 100  
64 66.1 52.1 78.1  
63 38.9 28.3 42.5



#6  
Aniline  
Concen: 36.300 ng  
RT: 7.257 min Scan# 692  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion: 93 Resp: 171776  
Ion Ratio Lower Upper  
93 100  
66 42.3 32.2 48.2  
65 22.6 17.0 25.6

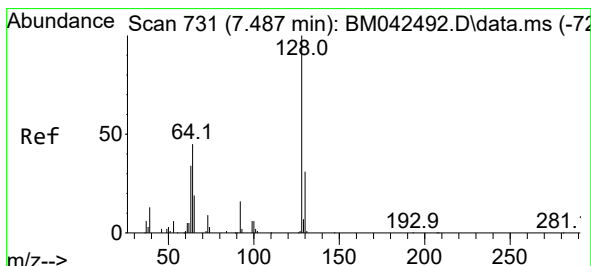
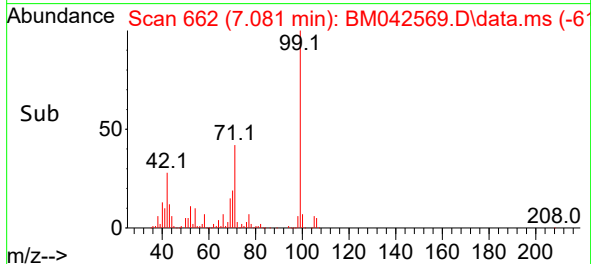
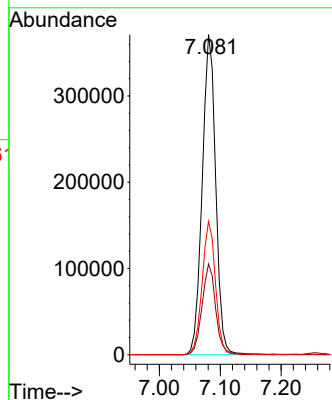
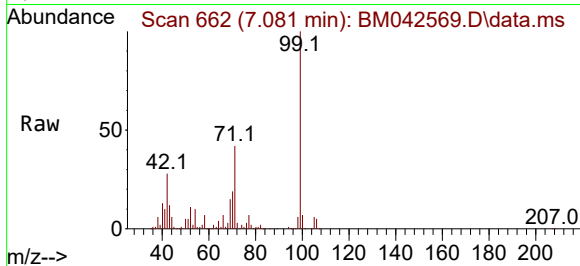




#7  
Phenol-d6  
Concen: 153.085 ng  
RT: 7.081 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

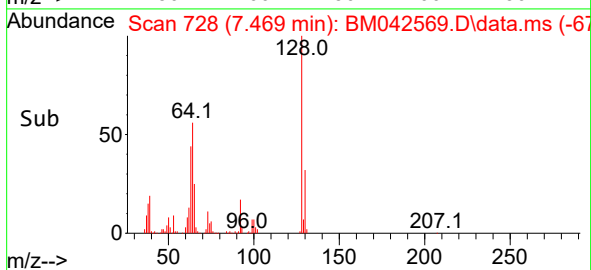
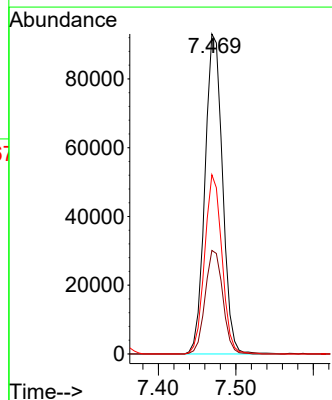
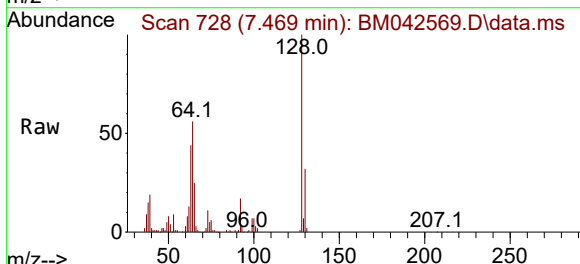
Instrument :  
BNA\_M  
ClientSampleId :  
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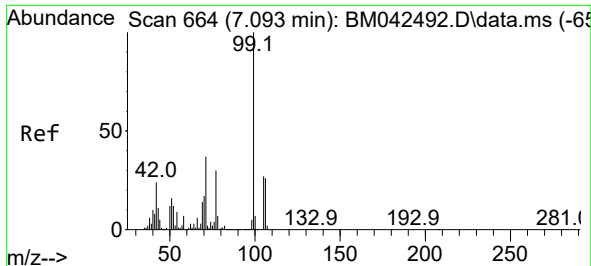
Tgt Ion: 99 Resp: 569898  
Ion Ratio Lower Upper  
99 100  
42 28.4 18.7 28.1#  
71 41.7 29.1 43.7



#8  
2-Chlorophenol  
Concen: 50.109 ng  
RT: 7.469 min Scan# 728  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:128 Resp: 146666  
Ion Ratio Lower Upper  
128 100  
130 32.4 11.2 51.2  
64 56.0 34.4 74.4

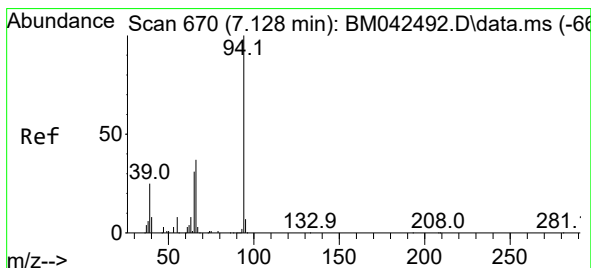
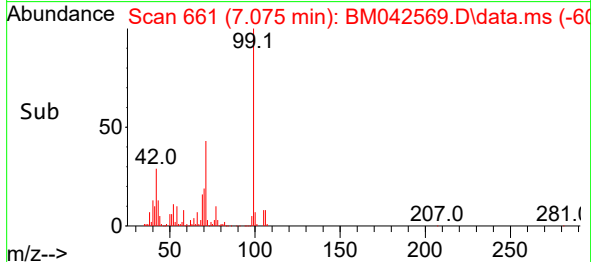
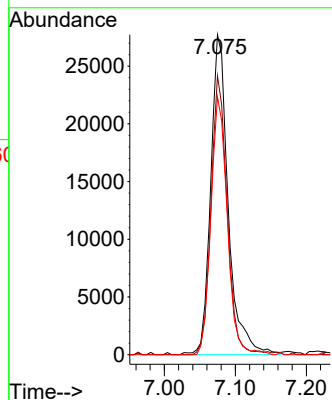
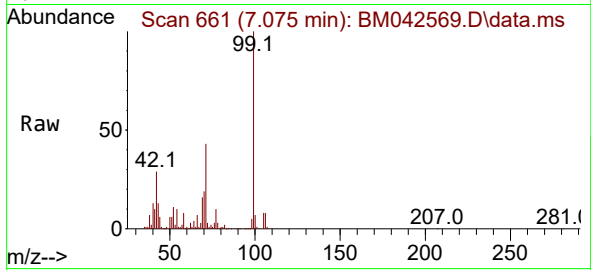




#9  
Benzaldehyde  
Concen: 22.180 ng  
RT: 7.075 min Scan# 664  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

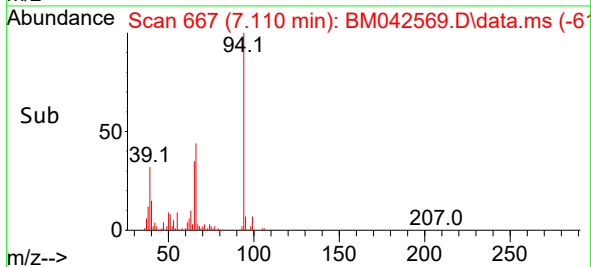
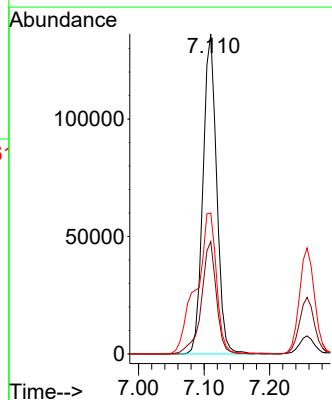
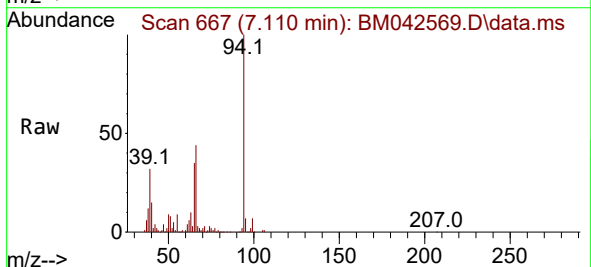
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

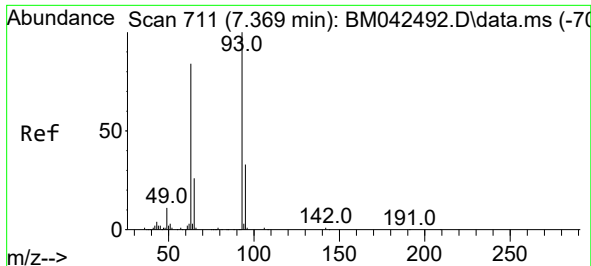
Tgt Ion: 77 Resp: 47588  
Ion Ratio Lower Upper  
77 100  
105 87.2 69.7 109.7  
106 80.6 66.4 106.4



#10  
Phenol  
Concen: 52.531 ng  
RT: 7.110 min Scan# 667  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion: 94 Resp: 198615  
Ion Ratio Lower Upper  
94 100  
65 35.1 11.5 51.5  
66 44.0 20.0 60.0

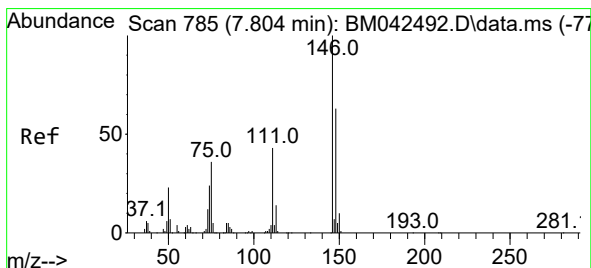
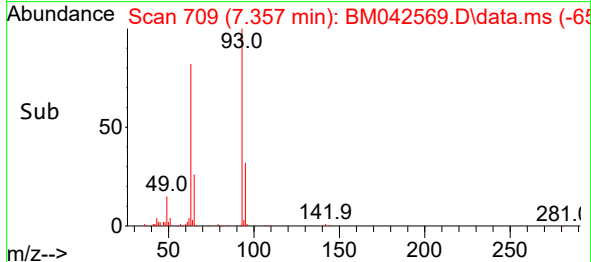
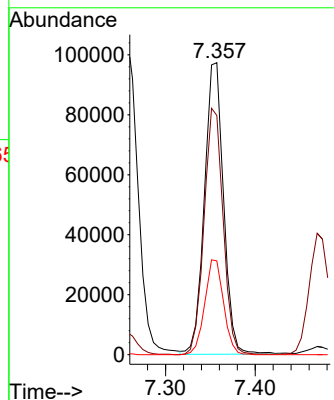
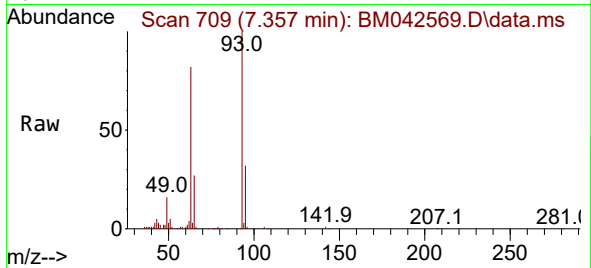




#11  
bis(2-Chloroethyl)ether  
Concen: 45.212 ng  
RT: 7.357 min Scan# 709  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

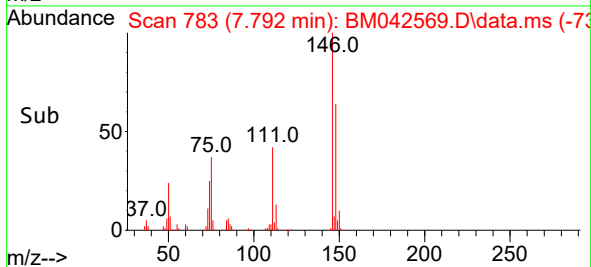
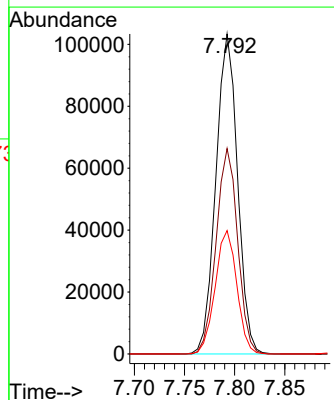
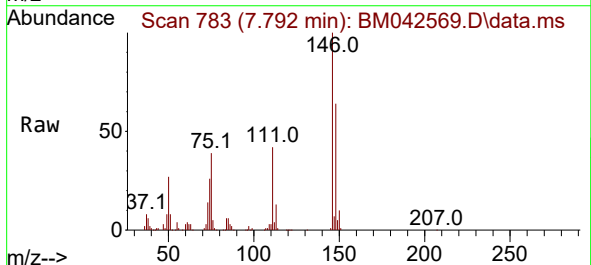
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

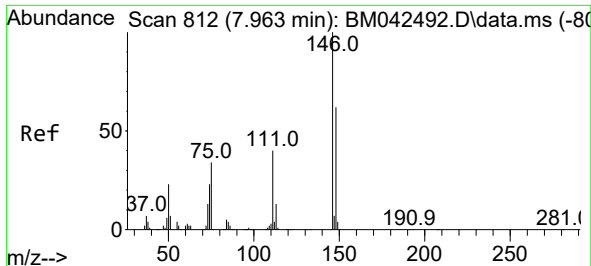
Tgt Ion: 93 Resp: 144615  
Ion Ratio Lower Upper  
93 100  
63 81.9 63.2 103.2  
95 32.1 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 49.124 ng  
RT: 7.792 min Scan# 783  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:146 Resp: 155393  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.4 75.6  
75 38.5 28.9 43.3

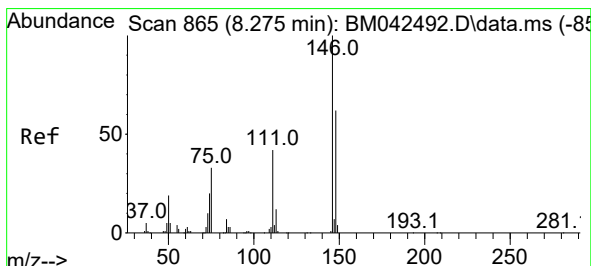
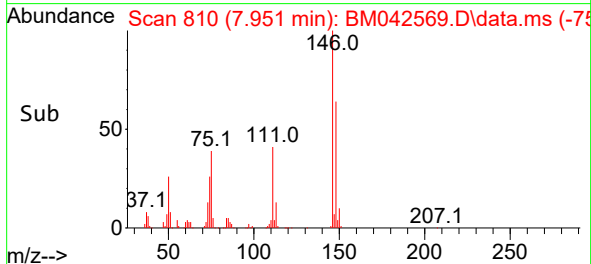
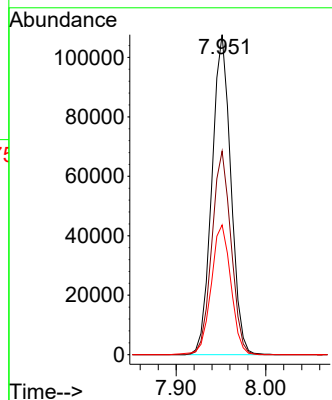
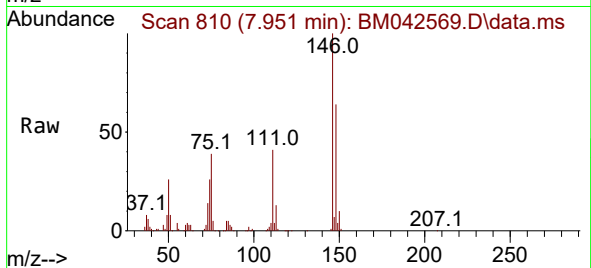




#13  
1,4-Dichlorobenzene  
Concen: 49.360 ng  
RT: 7.951 min Scan# 812  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

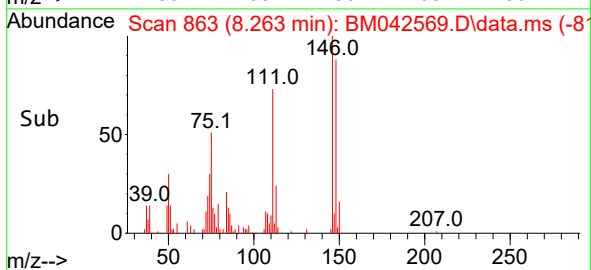
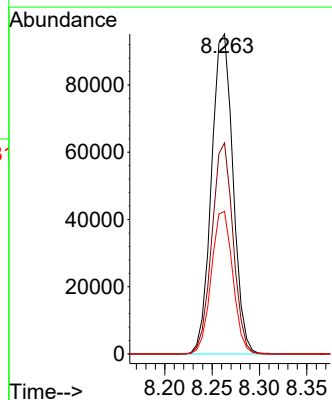
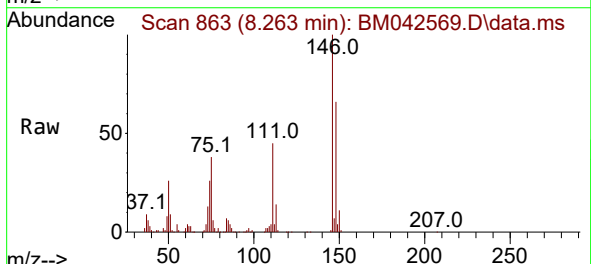
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

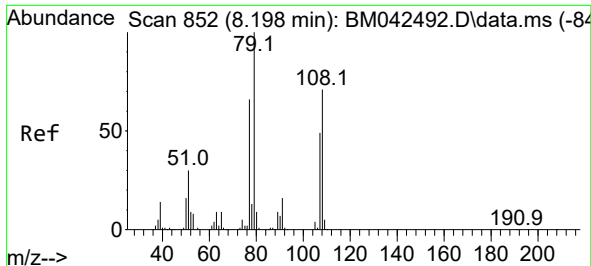
Tgt Ion:146 Resp: 158023  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.0 75.0  
111 40.6 32.5 48.7



#14  
1,2-Dichlorobenzene  
Concen: 48.662 ng  
RT: 8.263 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:146 Resp: 150410  
Ion Ratio Lower Upper  
146 100  
148 66.0 50.0 75.0  
111 44.5 34.5 51.7

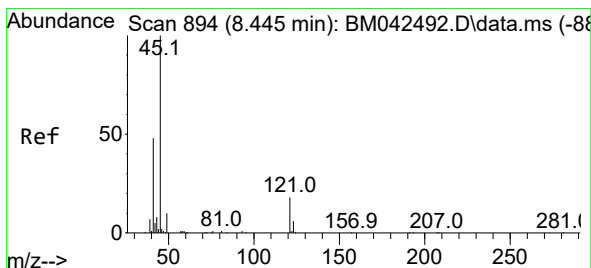
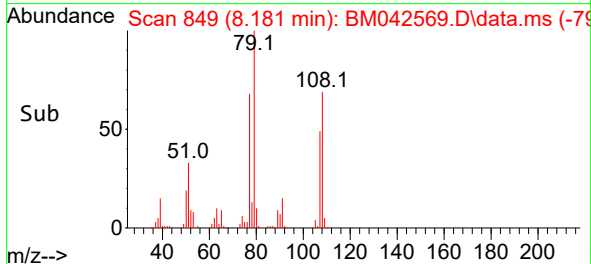
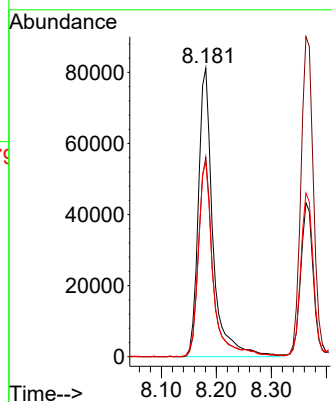
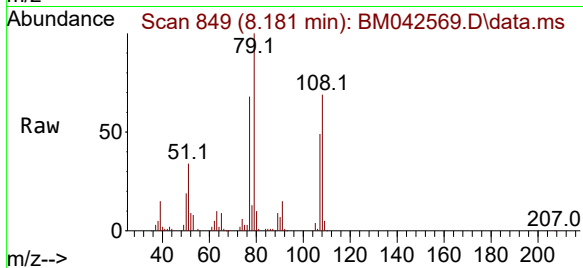




#15  
Benzyl Alcohol  
Concen: 56.768 ng  
RT: 8.181 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

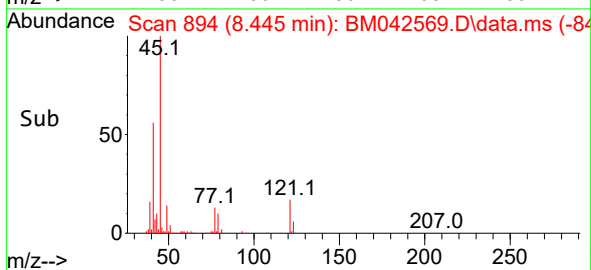
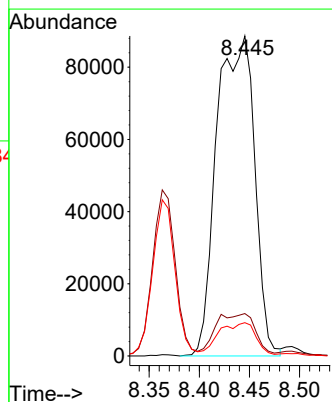
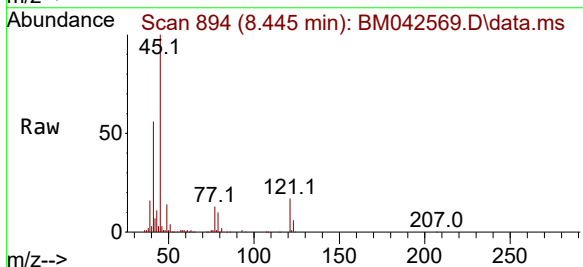
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

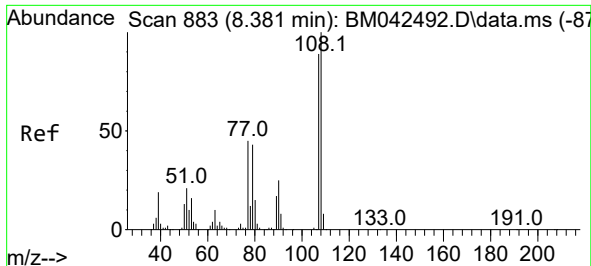
Tgt Ion: 79 Resp: 149616  
Ion Ratio Lower Upper  
79 100  
108 69.2 56.8 85.2  
77 67.5 53.0 79.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.793 ng  
RT: 8.445 min Scan# 894  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion: 45 Resp: 233089  
Ion Ratio Lower Upper  
45 100  
77 13.3 0.0 33.0  
79 10.4 0.0 29.5





#17

2-Methylphenol

Concen: 47.693 ng

RT: 8.363 min Scan# 81

Delta R.T. 0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

Tgt Ion:107 Resp: 127681

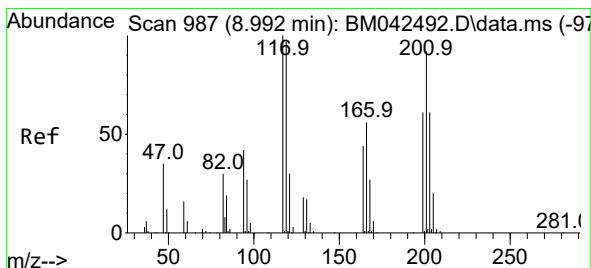
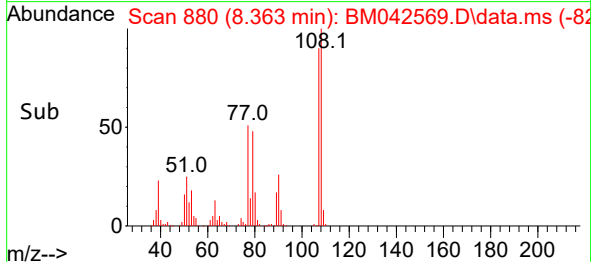
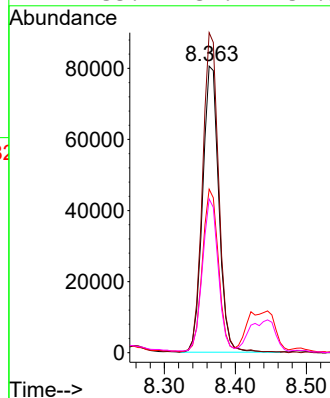
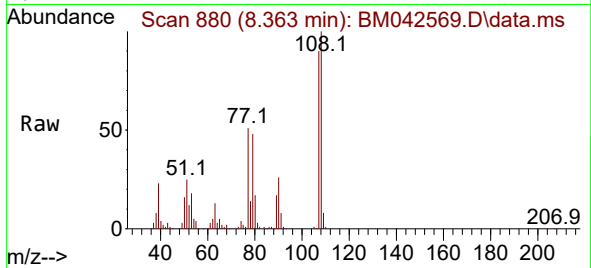
Ion Ratio Lower Upper

107 100

108 111.7 90.4 135.6

77 57.1 40.6 60.8

79 53.7 39.7 59.5



#18

Hexachloroethane

Concen: 49.960 ng

RT: 8.975 min Scan# 984

Delta R.T. 0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

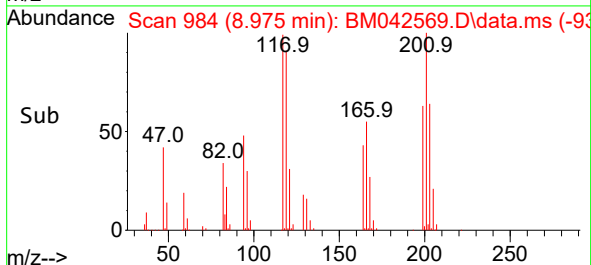
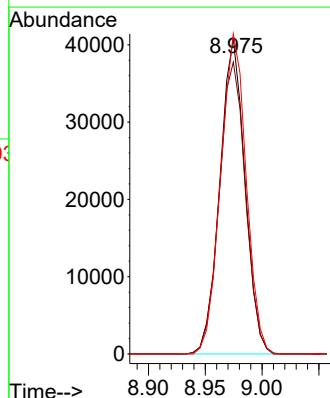
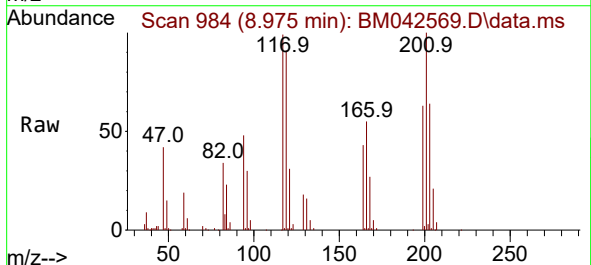
Tgt Ion:117 Resp: 62582

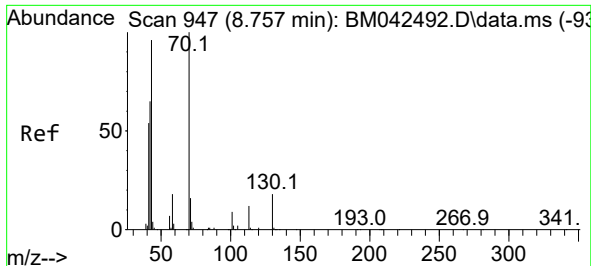
Ion Ratio Lower Upper

117 100

119 92.6 77.9 116.9

201 101.5 73.7 110.5



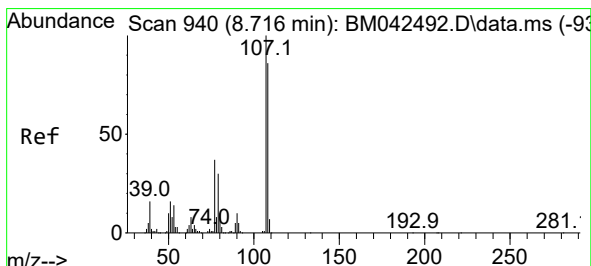
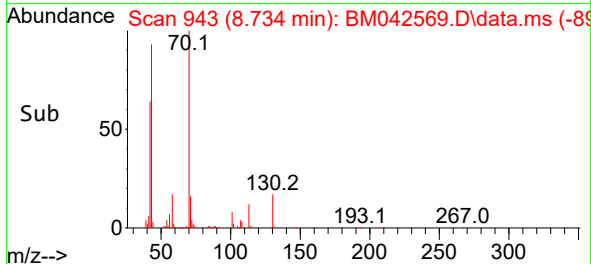
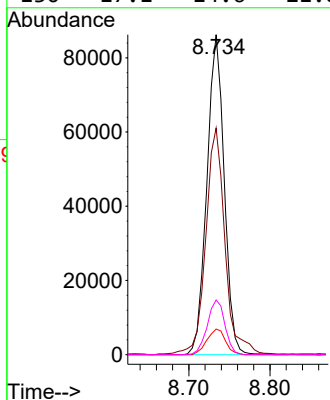
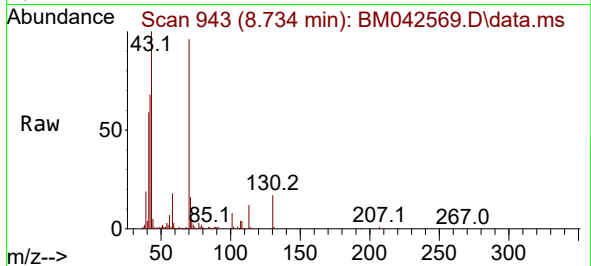


#19  
n-Nitroso-di-n-propylamine  
Concen: 48.506 ng  
RT: 8.734 min Scan# 94  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

Tgt Ion: 70 Resp: 127742

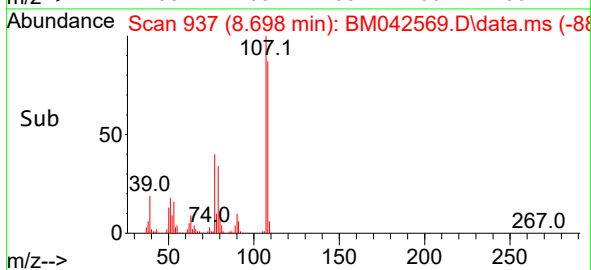
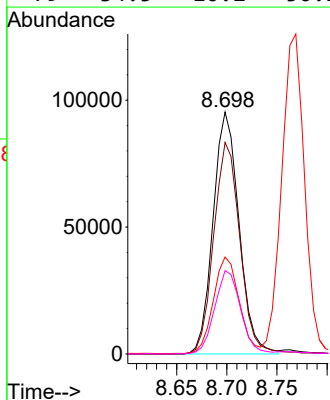
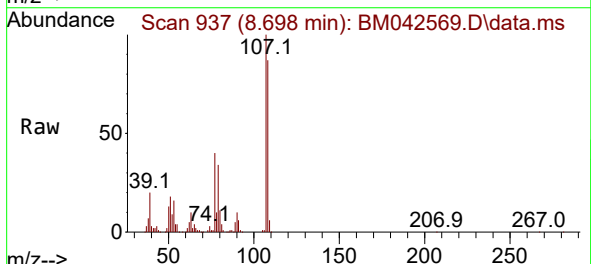
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 70.8  | 52.5  | 78.7  |
| 101 | 8.0   | 7.0   | 10.4  |
| 130 | 17.1  | 14.6  | 21.8  |

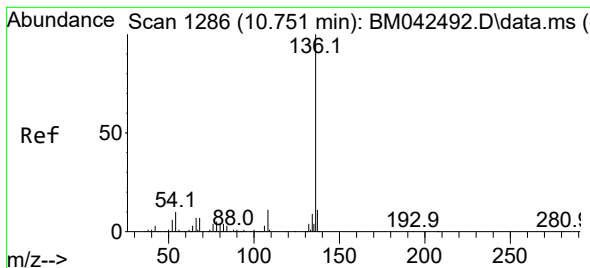


#20  
3+4-Methylphenols  
Concen: 47.875 ng  
RT: 8.698 min Scan# 937  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion: 107 Resp: 171354

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.4  | 66.4  | 106.4 |
| 77  | 40.1  | 17.6  | 57.6  |
| 79  | 34.5  | 10.2  | 50.2  |

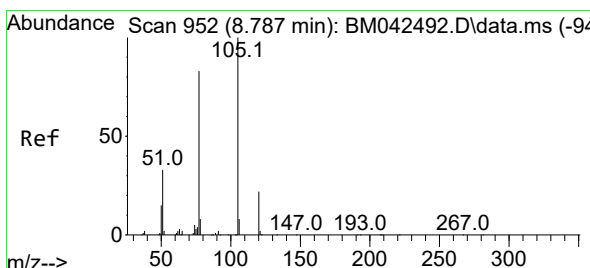
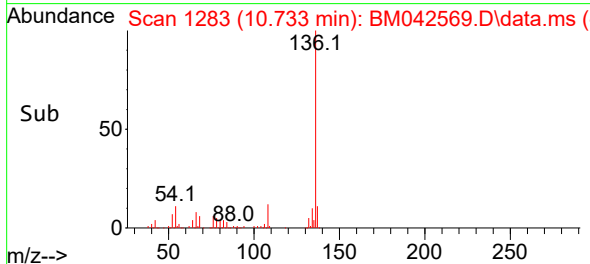
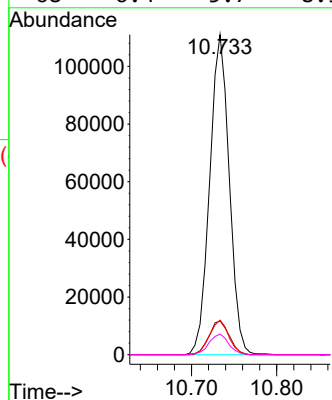
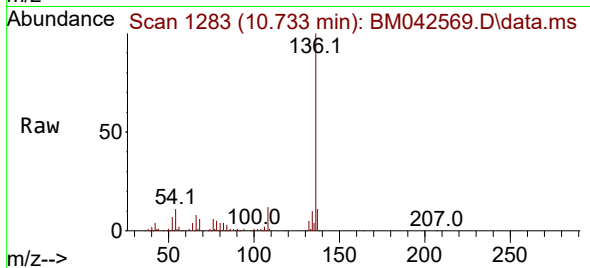




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.733 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

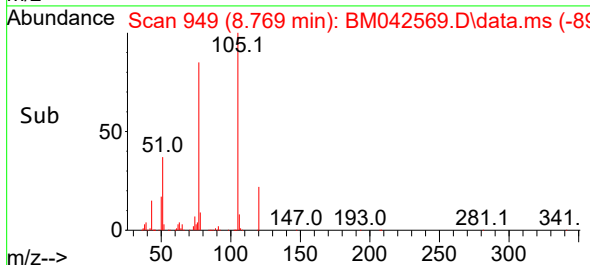
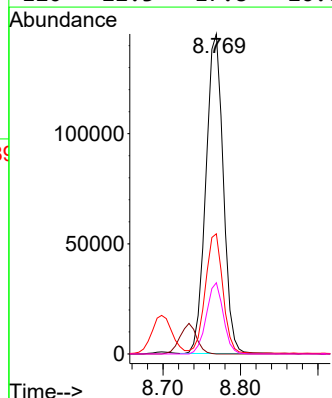
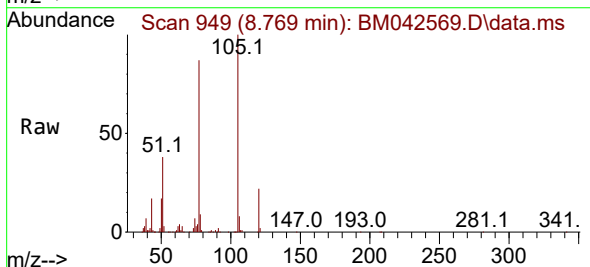
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

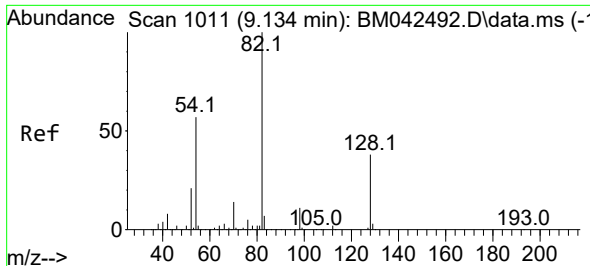
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 176957 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 9.0   | 13.6   |
| 54       | 10.8  | 8.0   | 12.0   |
| 68       | 6.4   | 5.7   | 8.5    |



#22  
Acetophenone  
Concen: 50.666 ng  
RT: 8.769 min Scan# 949  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 226119 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.0   | 0.2   | 0.2    |
| 51       | 37.6  | 27.6  | 41.4   |
| 120      | 22.3  | 17.8  | 26.6   |





#23

Nitrobenzene-d5

Concen: 100.555 ng

RT: 9.116 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

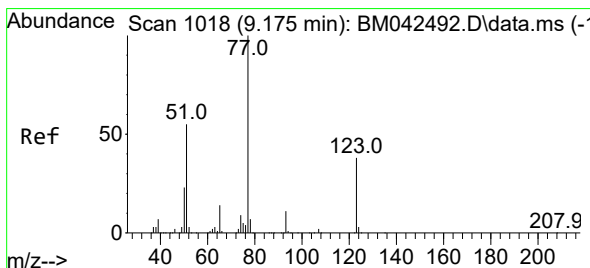
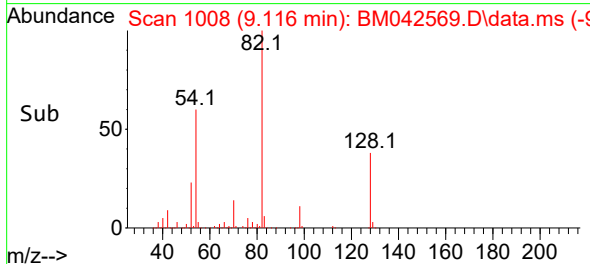
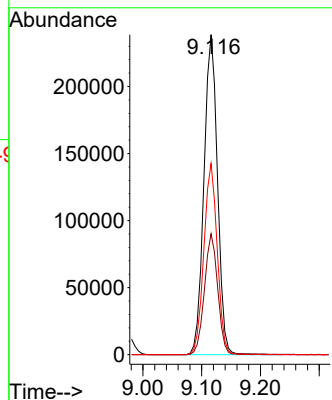
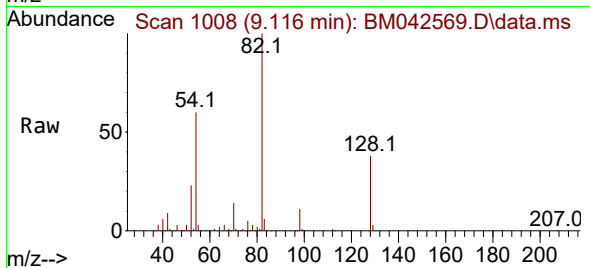
Tgt Ion: 82 Resp: 381708

Ion Ratio Lower Upper

82 100

128 37.8 30.7 46.1

54 59.7 45.3 67.9



#24

Nitrobenzene

Concen: 50.672 ng

RT: 9.157 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

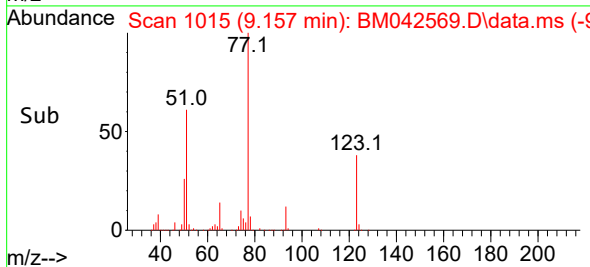
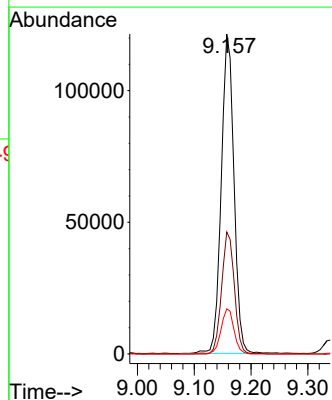
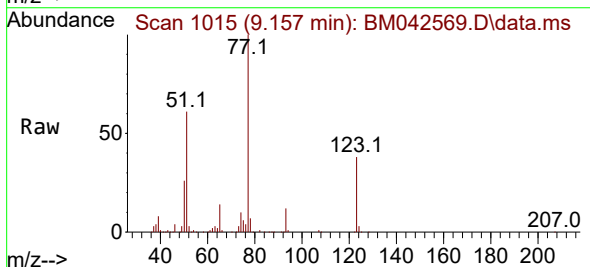
Tgt Ion: 77 Resp: 189457

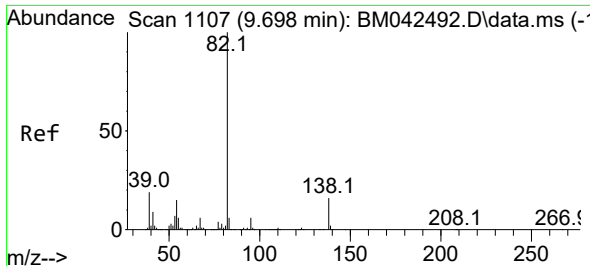
Ion Ratio Lower Upper

77 100

123 38.1 30.6 46.0

65 14.1 10.8 16.2

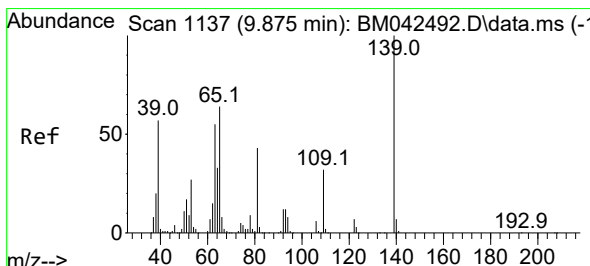
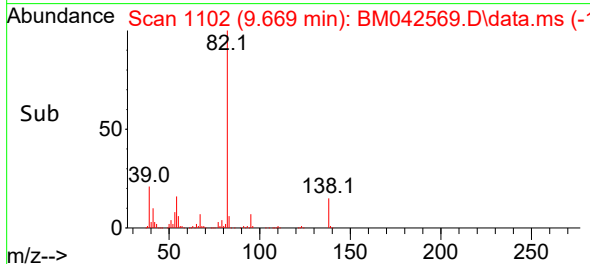
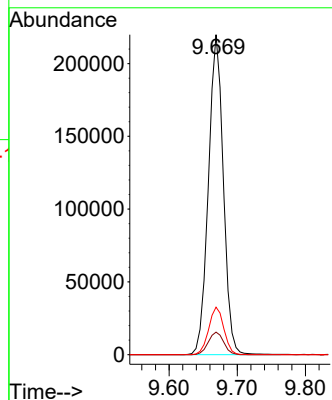
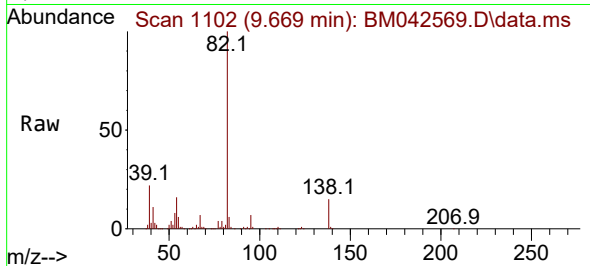




#25  
Isophorone  
Concen: 49.859 ng  
RT: 9.669 min Scan# 1107  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

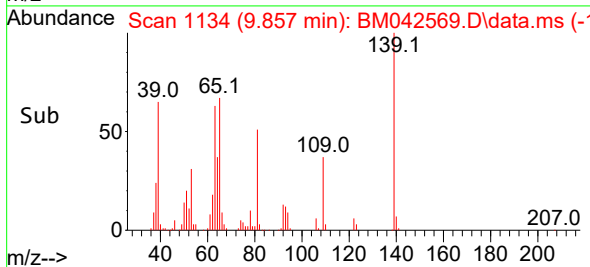
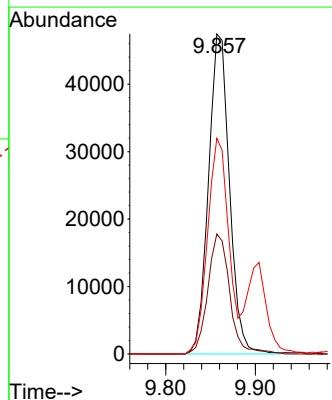
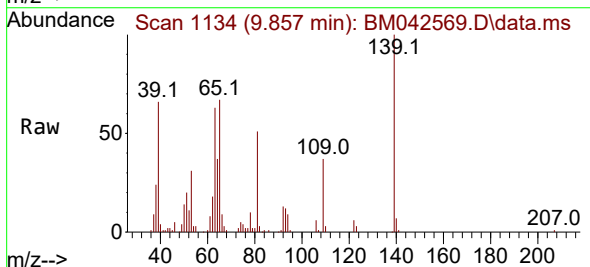
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

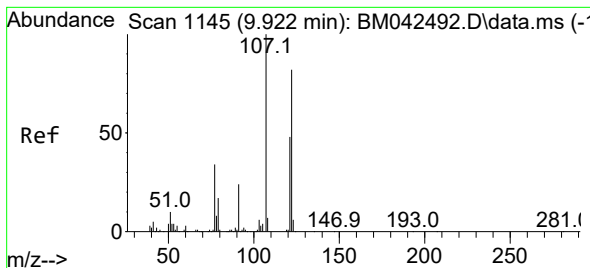
Tgt Ion: 82 Resp: 334996  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.2 7.8  
138 14.9 12.6 18.8



#26  
2-Nitrophenol  
Concen: 48.436 ng  
RT: 9.857 min Scan# 1134  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:139 Resp: 77065  
Ion Ratio Lower Upper  
139 100  
109 37.5 25.2 37.8  
65 67.4 51.4 77.0

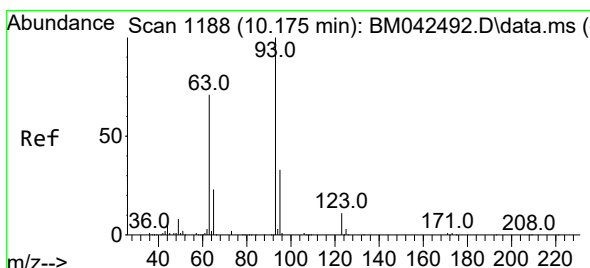
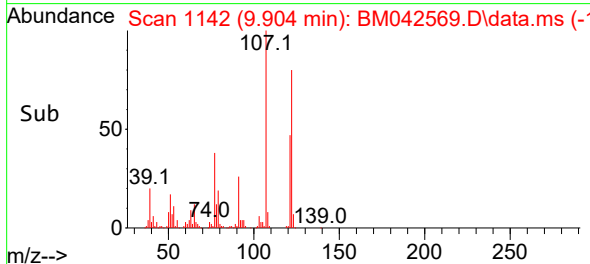
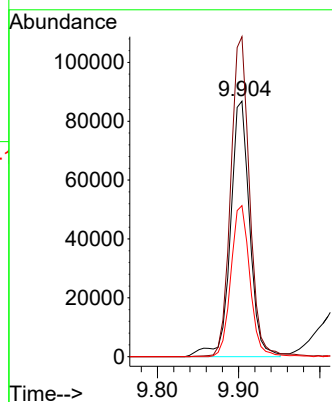
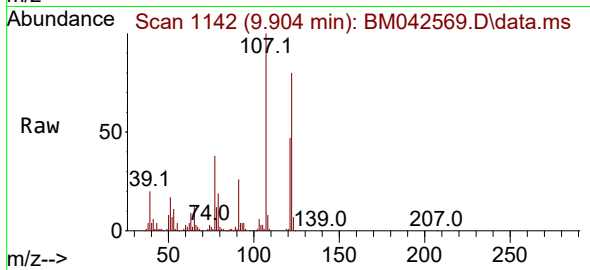




#27  
2,4-Dimethylphenol  
Concen: 55.422 ng  
RT: 9.904 min Scan# 1145  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

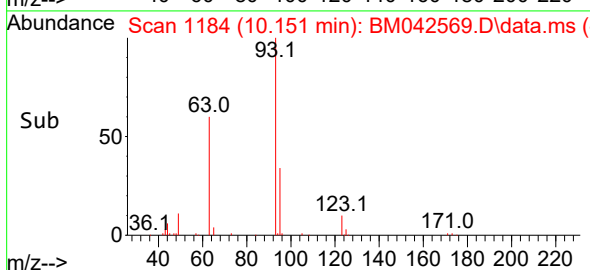
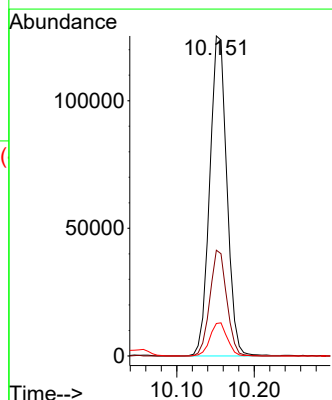
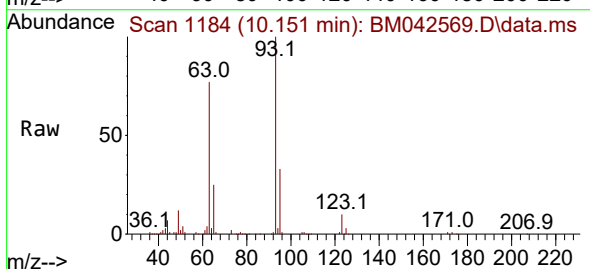
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

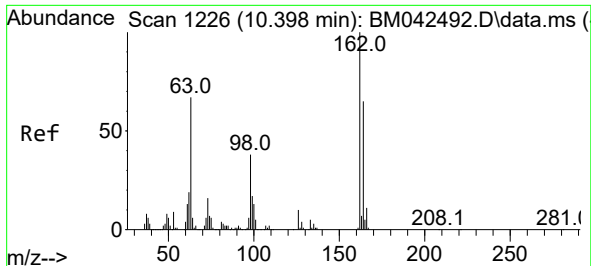
Tgt Ion:122 Resp: 142455  
Ion Ratio Lower Upper  
122 100  
107 125.2 95.4 143.2  
121 59.1 46.0 69.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.591 ng  
RT: 10.151 min Scan# 1184  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion: 93 Resp: 192641  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.3 39.5  
123 10.2 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 55.817 ng

RT: 10.381 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

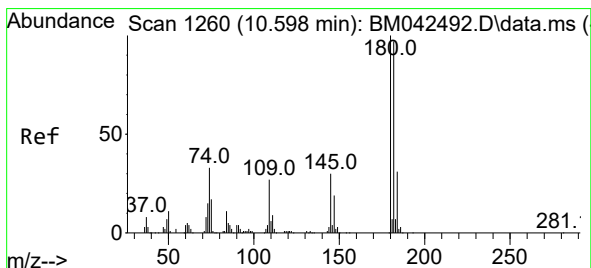
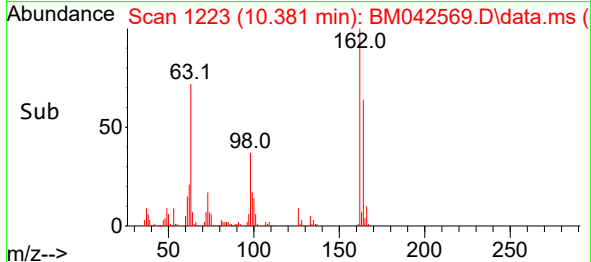
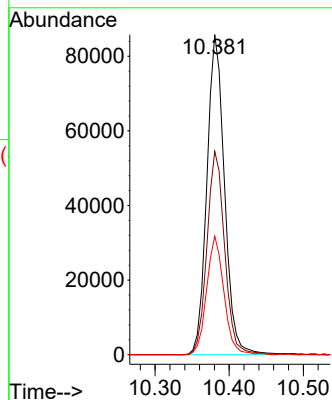
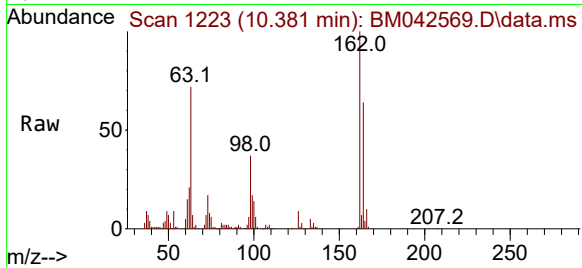
Tgt Ion:162 Resp: 141958

Ion Ratio Lower Upper

162 100

164 63.6 44.9 84.9

98 37.1 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 53.474 ng

RT: 10.586 min Scan# 1258

Delta R.T. 0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

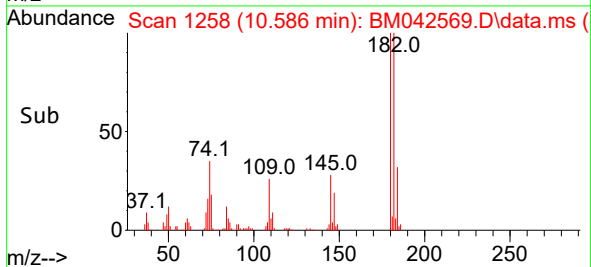
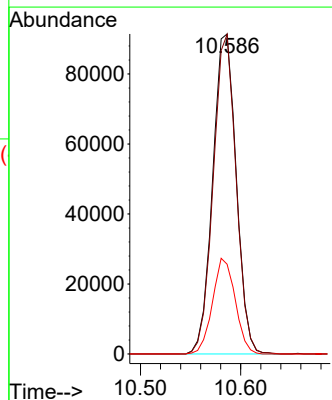
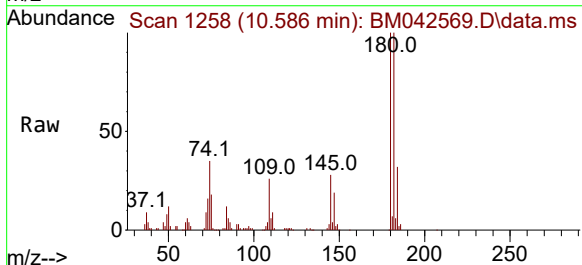
Tgt Ion:180 Resp: 149044

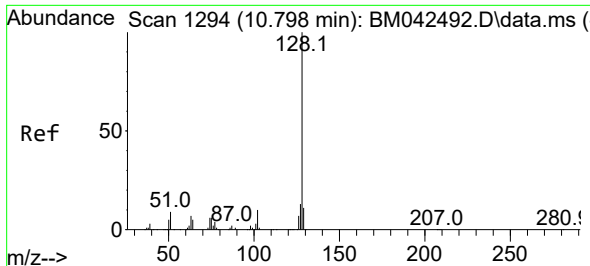
Ion Ratio Lower Upper

180 100

182 99.8 77.8 116.8

145 28.1 24.4 36.6

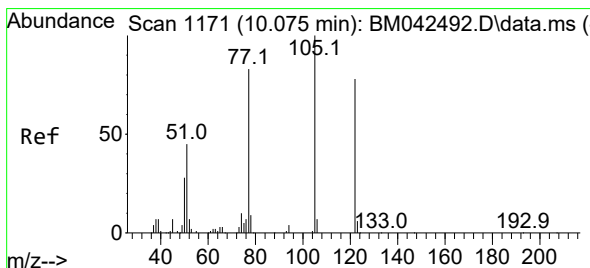
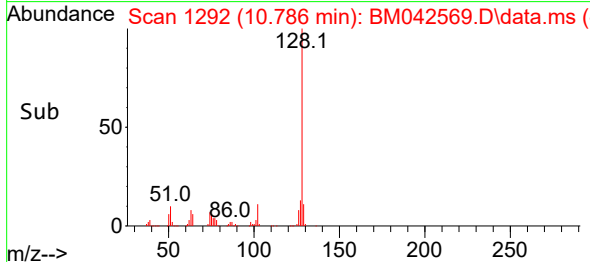
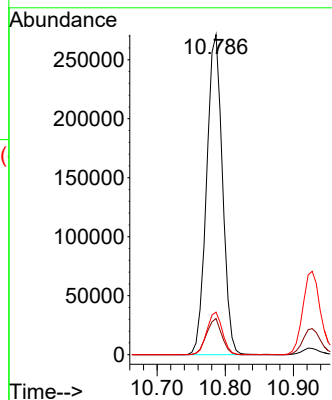
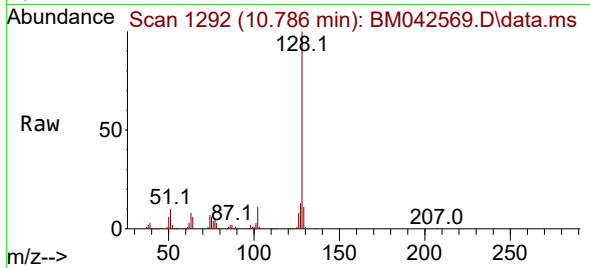




#31  
Naphthalene  
Concen: 47.988 ng  
RT: 10.786 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

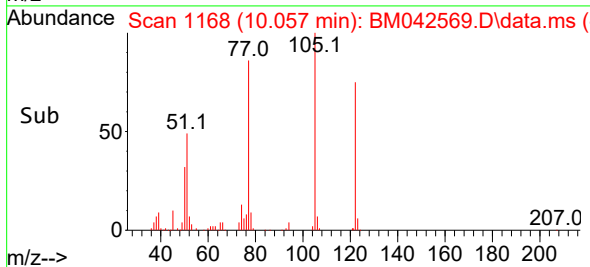
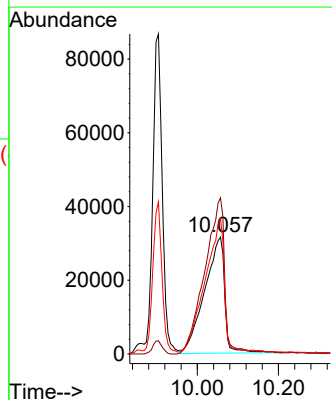
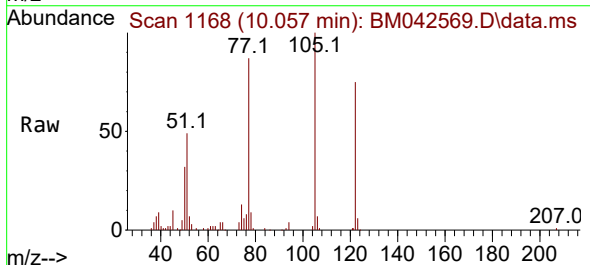
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

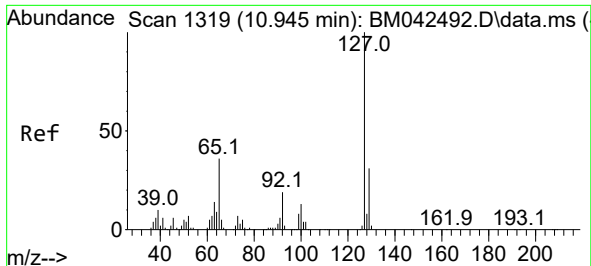
Tgt Ion:128 Resp: 438733  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.3 10.6 15.8



#32  
Benzoic acid  
Concen: 51.021 ng  
RT: 10.057 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:122 Resp: 107255  
Ion Ratio Lower Upper  
122 100  
105 133.7 105.2 145.2  
77 116.1 84.8 124.8

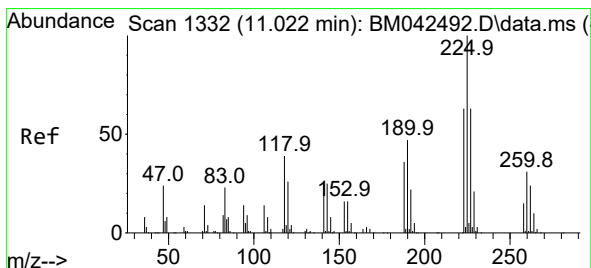
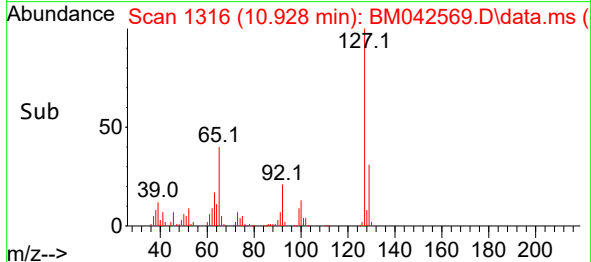
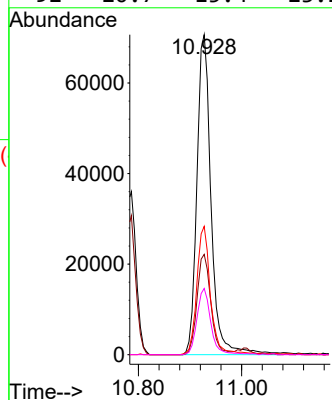
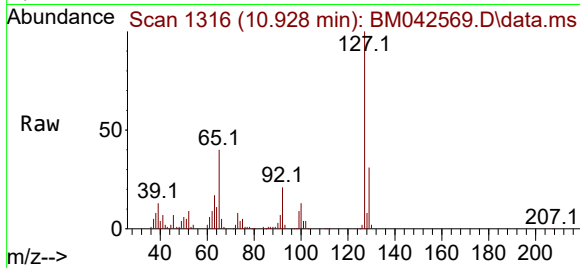




#33  
4-Chloroaniline  
Concen: 37.787 ng  
RT: 10.928 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

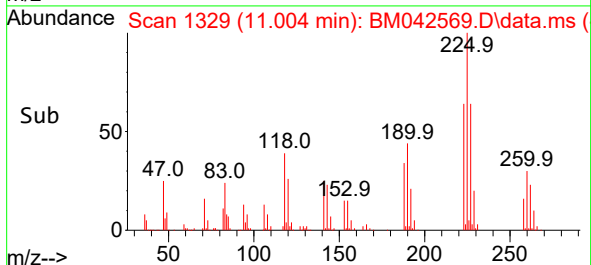
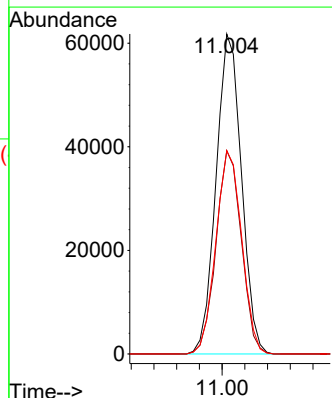
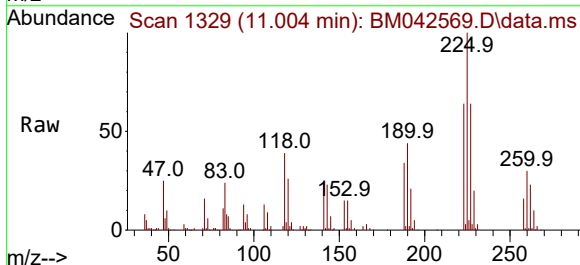
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

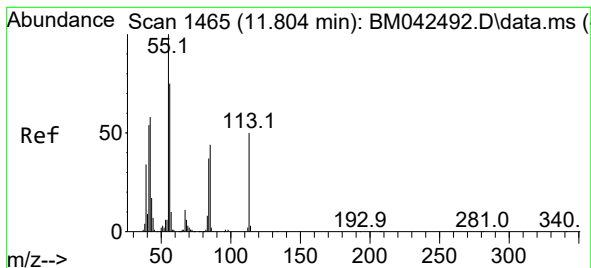
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 134706 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 31.3  | 25.0  | 37.4   |
| 65        | 40.1  | 29.0  | 43.4   |
| 92        | 20.7  | 15.4  | 23.2   |



#34  
Hexachlorobutadiene  
Concen: 56.663 ng  
RT: 11.004 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 95888 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.5  | 50.0  | 75.0  |
| 227       | 63.6  | 50.6  | 75.8  |





#35

Caprolactam

Concen: 50.349 ng

RT: 11.757 min Scan# 14

Delta R.T. -0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

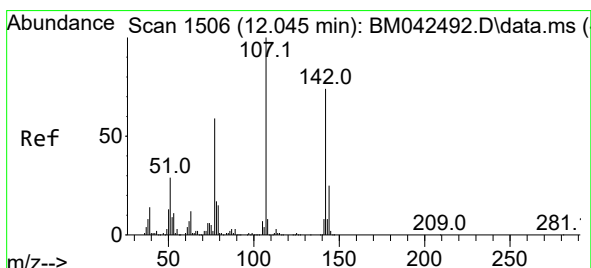
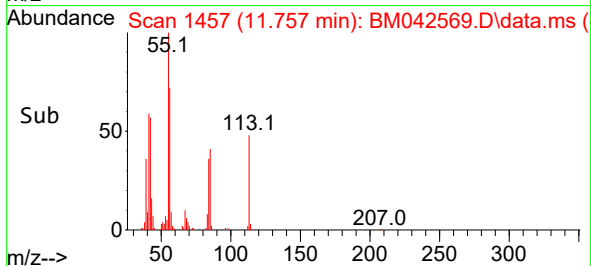
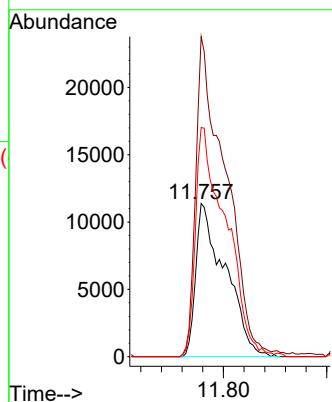
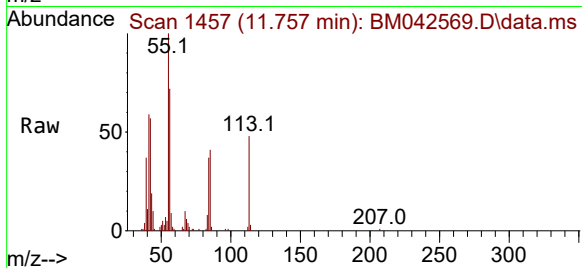
Tgt Ion:113 Resp: 44991

Ion Ratio Lower Upper

113 100

55 209.0 180.9 220.9

56 149.7 130.0 170.0



#36

4-Chloro-3-methylphenol

Concen: 52.700 ng

RT: 12.033 min Scan# 1504

Delta R.T. 0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

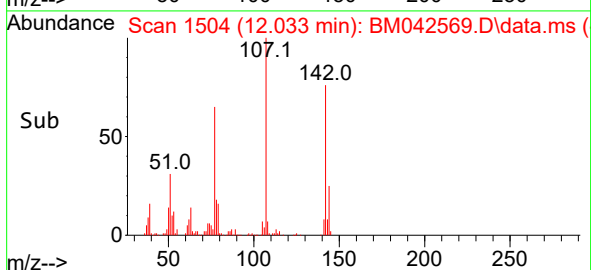
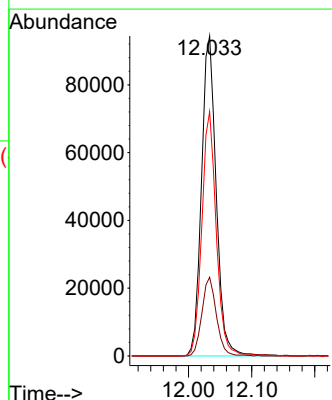
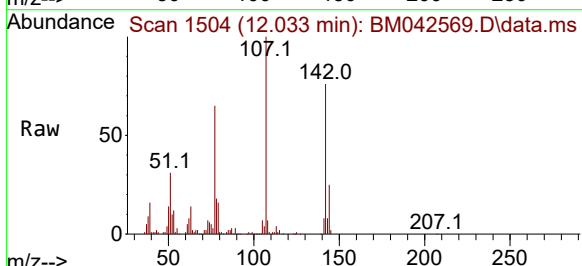
Tgt Ion:107 Resp: 152534

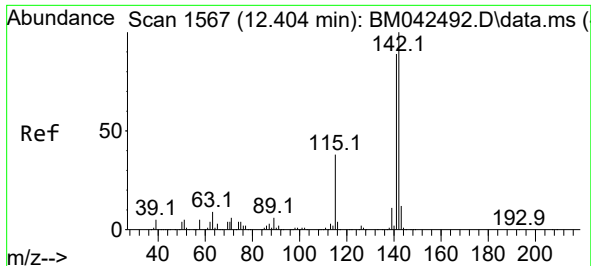
Ion Ratio Lower Upper

107 100

144 24.6 20.2 30.2

142 76.3 59.5 89.3

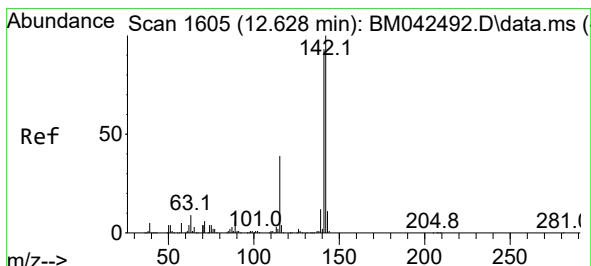
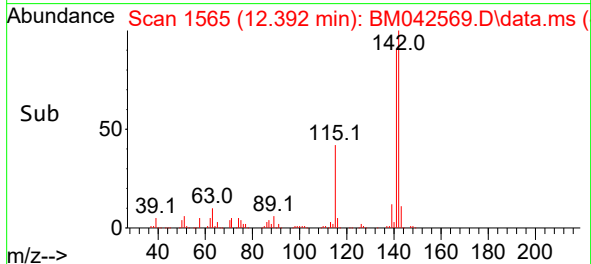
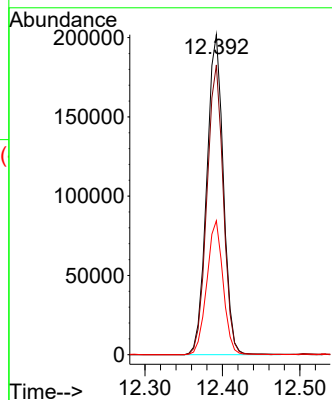
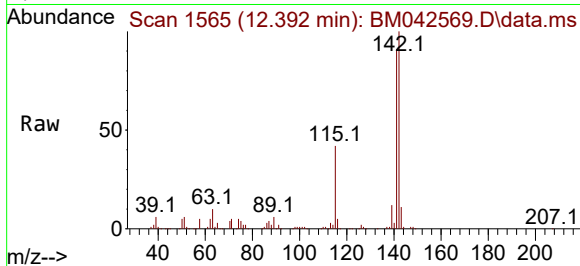




#37  
2-Methylnaphthalene  
Concen: 46.688 ng  
RT: 12.392 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

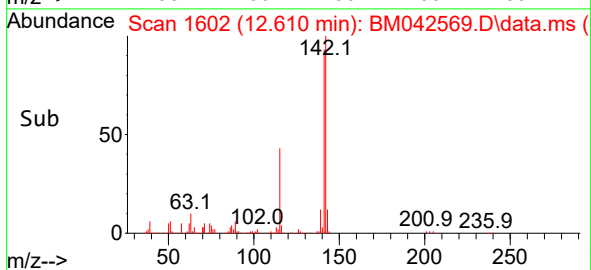
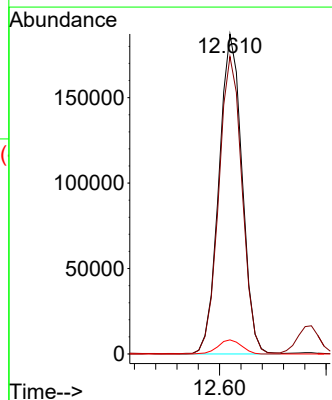
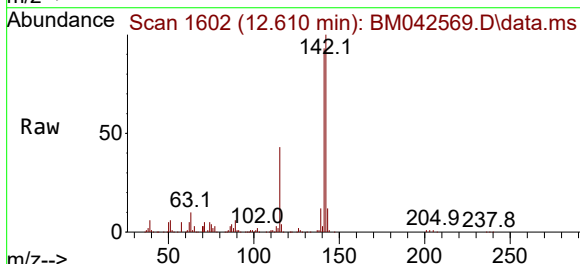
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

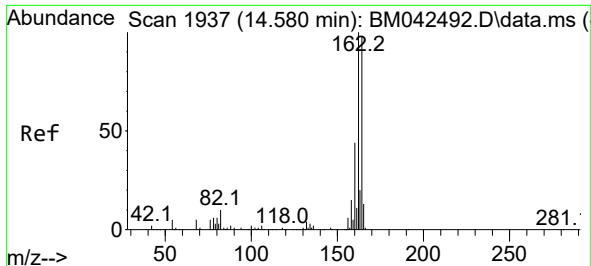
Tgt Ion:142 Resp: 300614  
Ion Ratio Lower Upper  
142 100  
141 90.6 70.9 106.3  
115 41.9 30.2 45.2



#38  
1-Methylnaphthalene  
Concen: 46.480 ng  
RT: 12.610 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:142 Resp: 281692  
Ion Ratio Lower Upper  
142 100  
141 93.0 74.4 111.6  
116 4.4 3.2 4.8

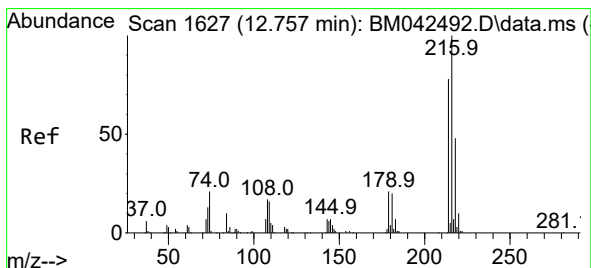
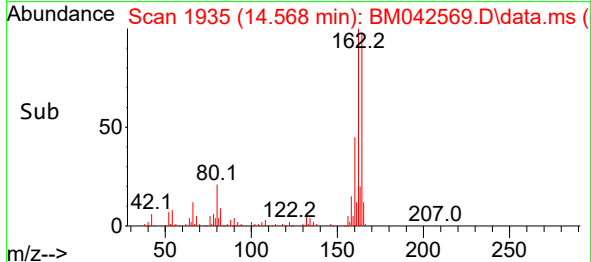
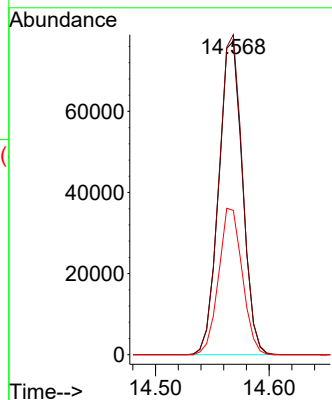
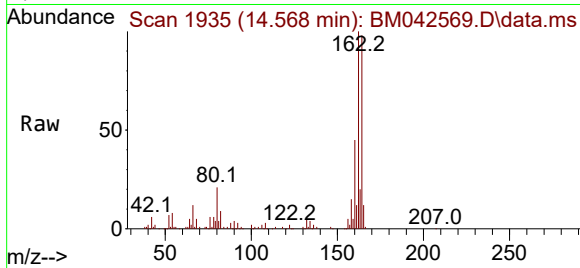




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.568 min Scan# 1935  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

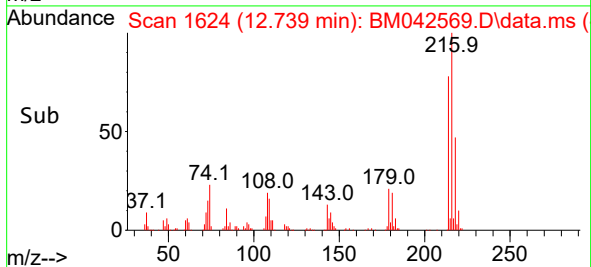
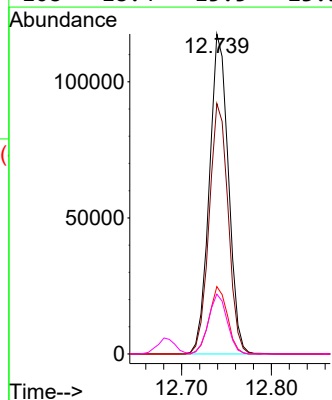
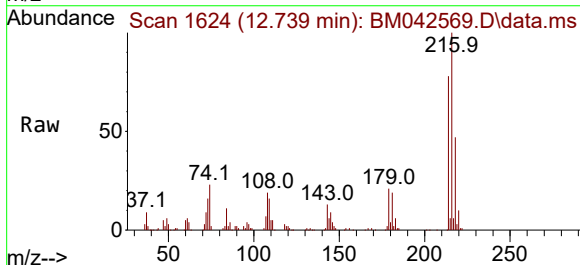
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

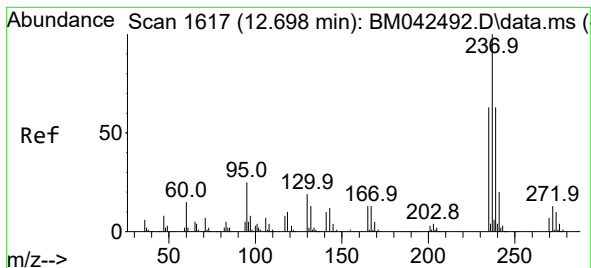
Tgt Ion:164 Resp: 112377  
Ion Ratio Lower Upper  
164 100  
162 102.0 81.6 122.4  
160 46.0 36.2 54.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.591 ng  
RT: 12.739 min Scan# 1624  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

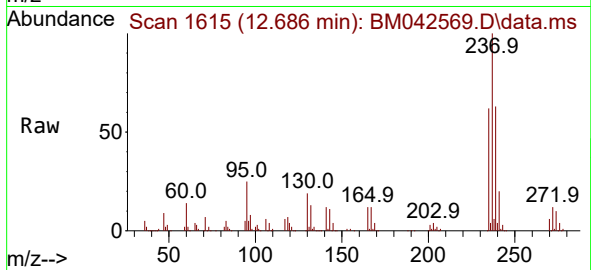
Tgt Ion:216 Resp: 173204  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.5 93.7  
179 20.2 16.7 25.1  
108 18.4 15.5 23.3



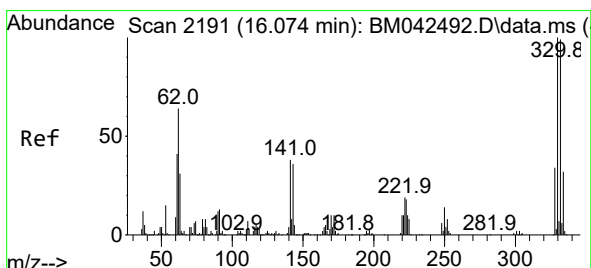
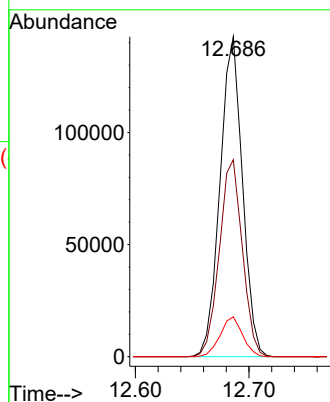
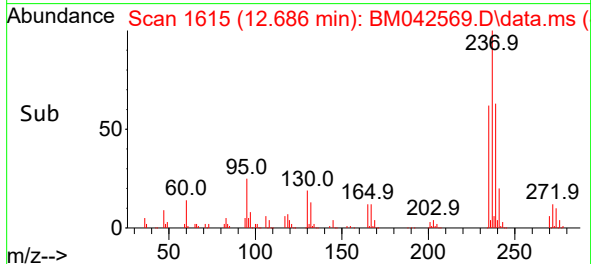


#41  
Hexachlorocyclopentadiene  
Concen: 96.017 ng  
RT: 12.686 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

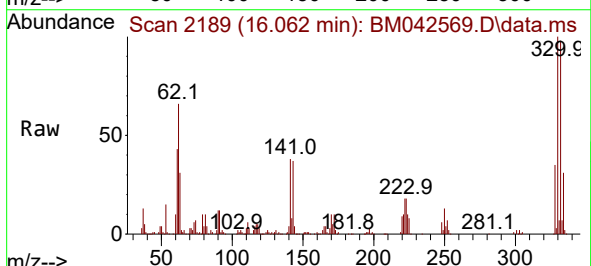
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS



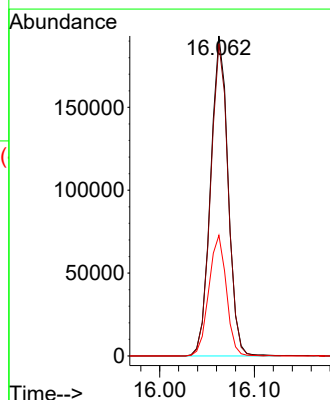
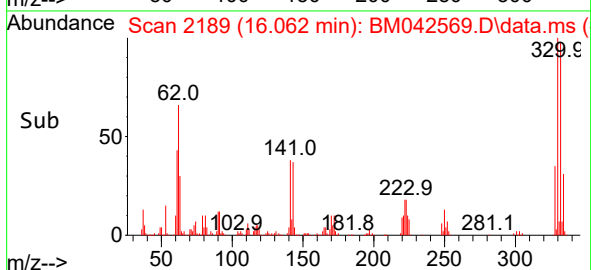
Tgt Ion:237 Resp: 195906  
Ion Ratio Lower Upper  
237 100  
235 61.5 42.5 82.5  
272 12.4 0.0 33.2

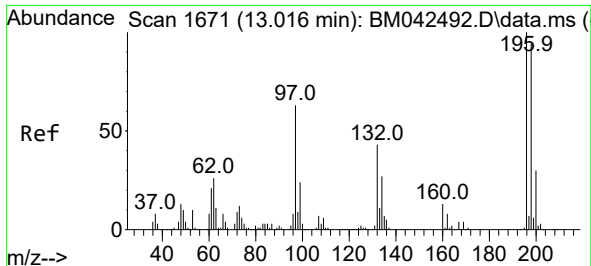


#42  
2,4,6-Tribromophenol  
Concen: 168.503 ng  
RT: 16.062 min Scan# 2189  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11



Tgt Ion:330 Resp: 247224  
Ion Ratio Lower Upper  
330 100  
332 97.8 78.8 118.2  
141 37.7 31.1 46.7

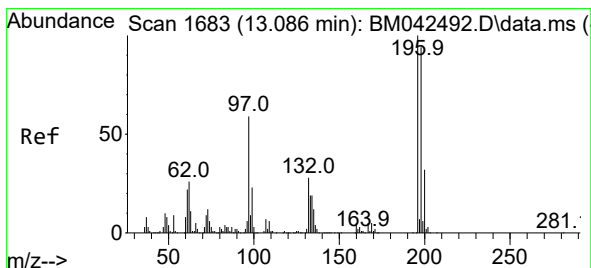
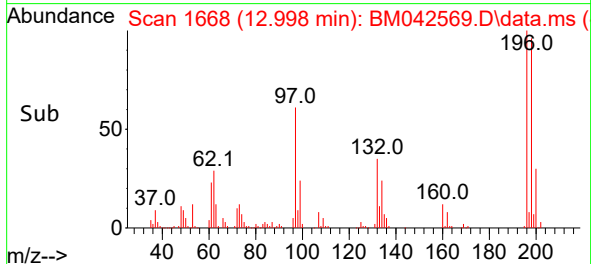
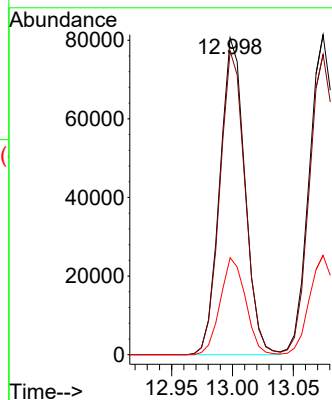
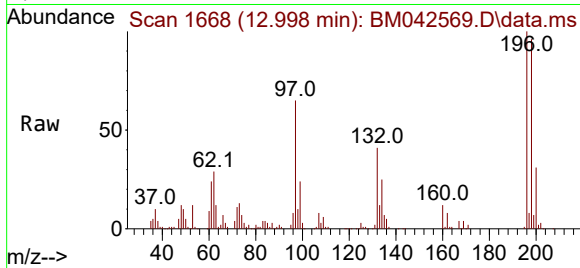




#43  
2,4,6-Trichlorophenol  
Concen: 53.776 ng  
RT: 12.998 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

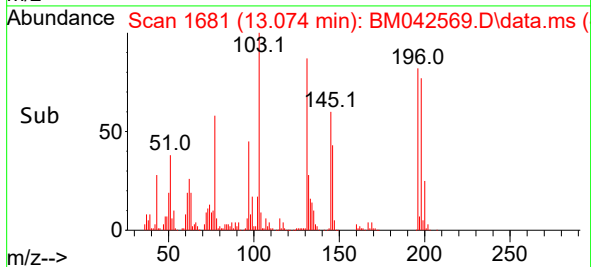
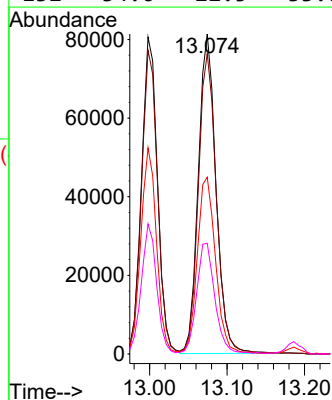
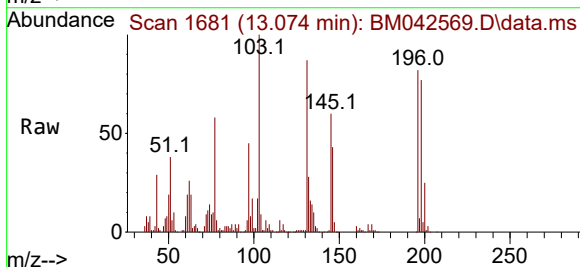
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

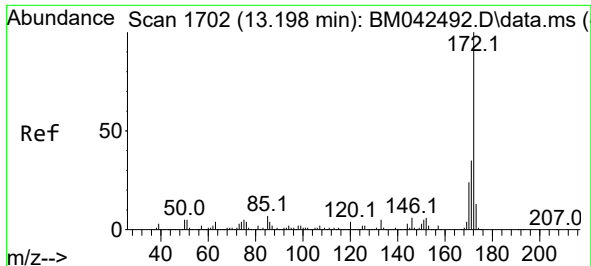
Tgt Ion:196 Resp: 115635  
Ion Ratio Lower Upper  
196 100  
198 95.9 75.2 112.8  
200 30.6 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 50.538 ng  
RT: 13.074 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:196 Resp: 129318  
Ion Ratio Lower Upper  
196 100  
198 93.9 75.1 112.7  
97 55.2 47.4 71.0  
132 34.6 22.5 33.7#

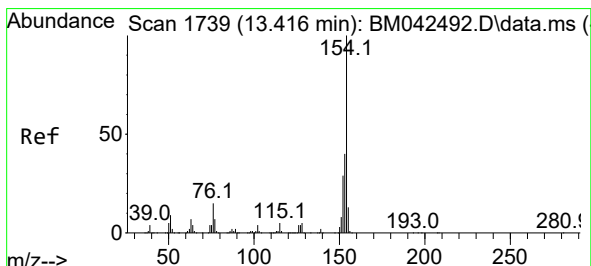
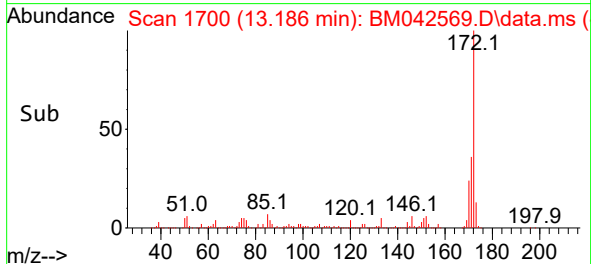
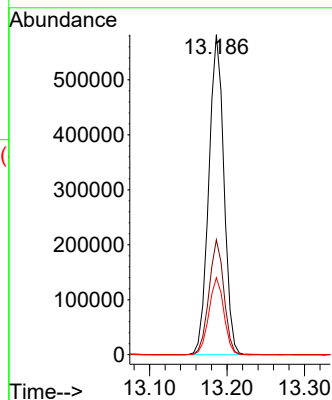
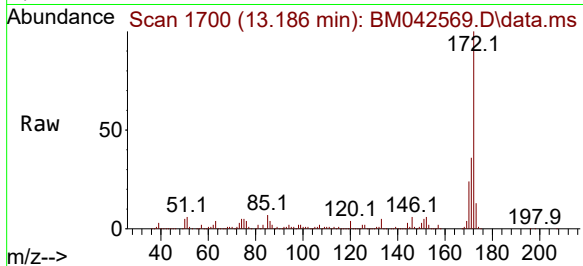




#45  
2-Fluorobiphenyl  
Concen: 94.251 ng  
RT: 13.186 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

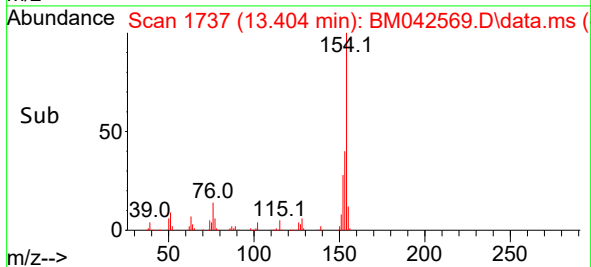
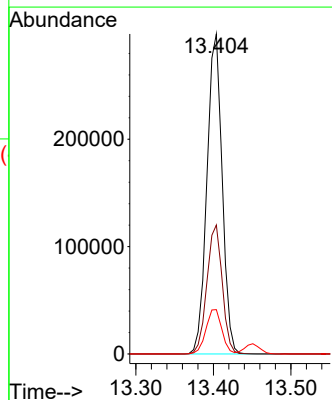
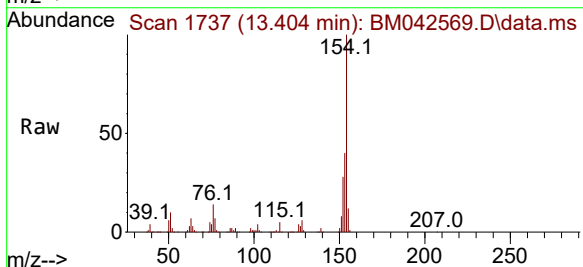
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

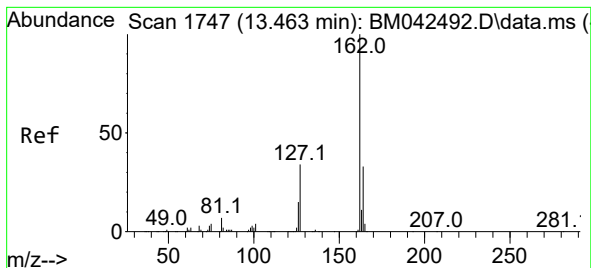
Tgt Ion:172 Resp: 787134  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.2 42.2  
170 24.1 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 47.344 ng  
RT: 13.404 min Scan# 1737  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:154 Resp: 406700  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.3 60.3  
76 13.8 0.0 35.0

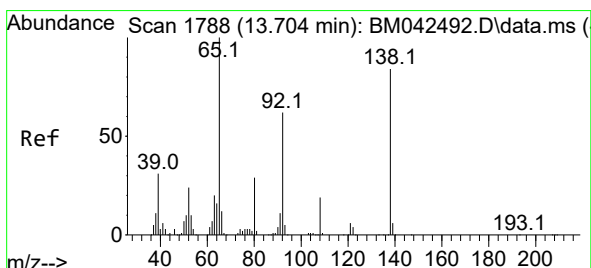
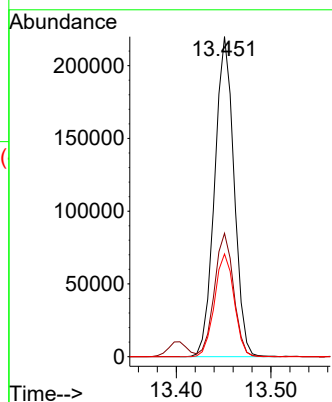
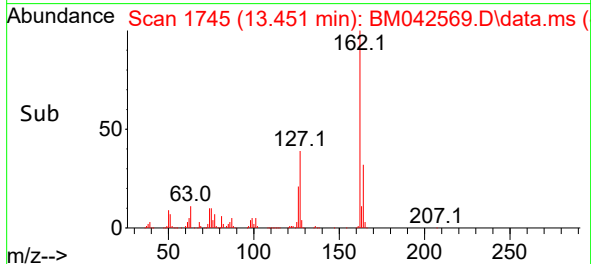
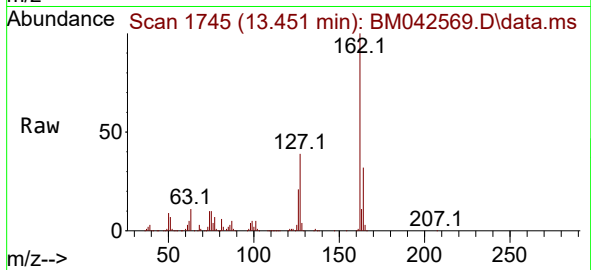




#47  
2-Chloronaphthalene  
Concen: 49.621 ng  
RT: 13.451 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

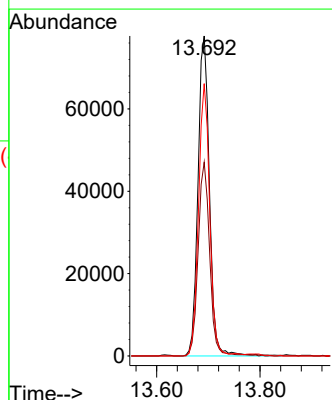
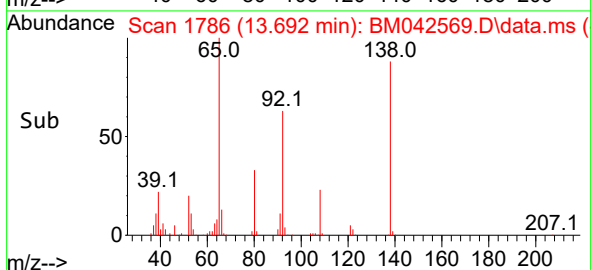
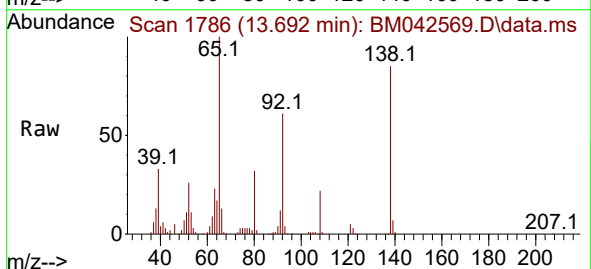
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

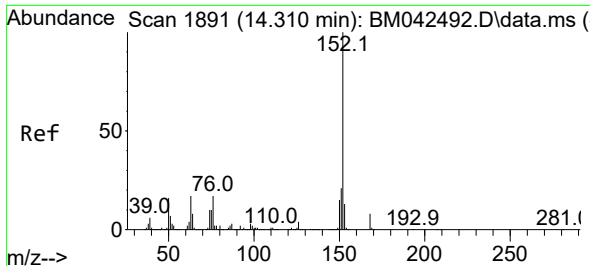
Tgt Ion:162 Resp: 312708  
Ion Ratio Lower Upper  
162 100  
127 38.6 31.1 46.7  
164 32.1 26.2 39.4



#48  
2-Nitroaniline  
Concen: 47.303 ng  
RT: 13.692 min Scan# 1786  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion: 65 Resp: 120058  
Ion Ratio Lower Upper  
65 100  
92 60.5 49.4 74.2  
138 85.1 66.9 100.3

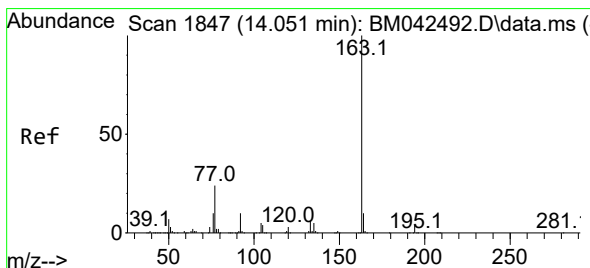
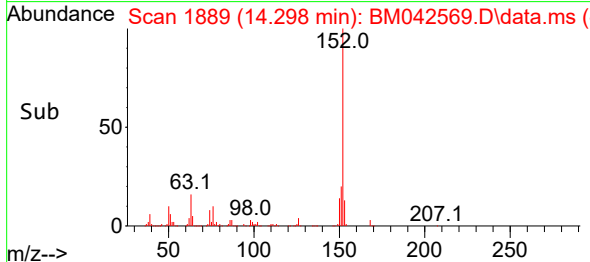
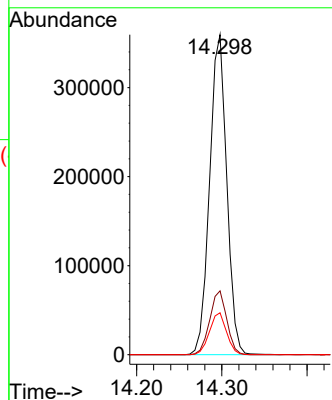
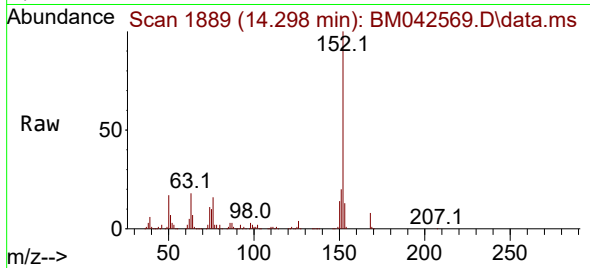




#49  
Acenaphthylene  
Concen: 48.013 ng  
RT: 14.298 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

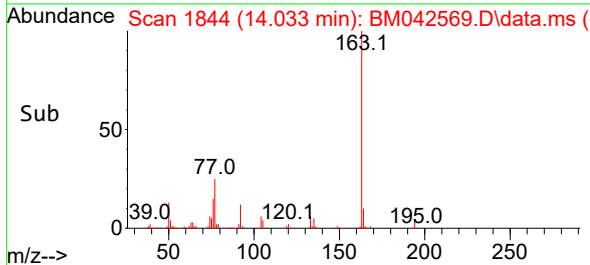
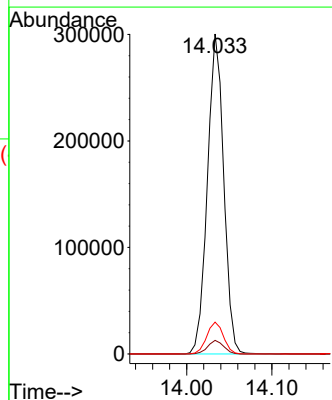
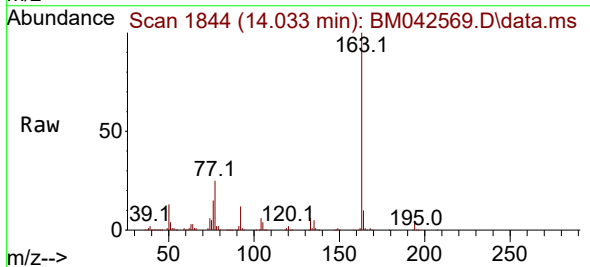
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

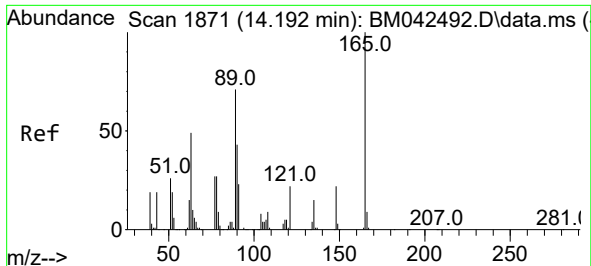
Tgt Ion:152 Resp: 501105  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.4 24.6  
153 13.1 10.4 15.6



#50  
Dimethylphthalate  
Concen: 47.533 ng  
RT: 14.033 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:163 Resp: 399240  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.2 4.8  
164 10.0 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 49.031 ng

RT: 14.180 min Scan# 1869

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

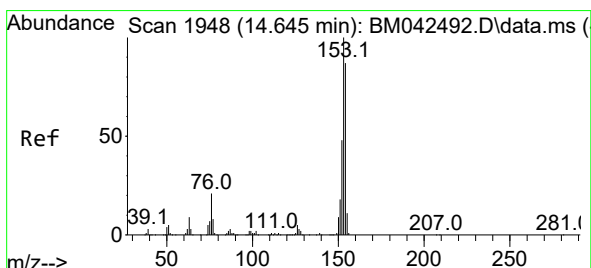
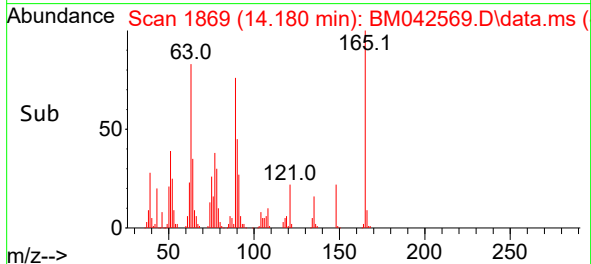
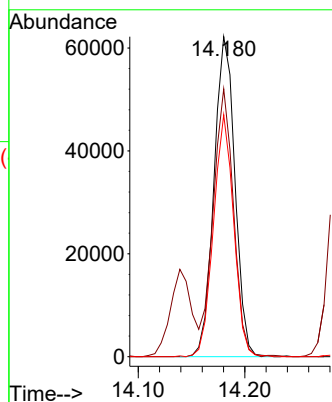
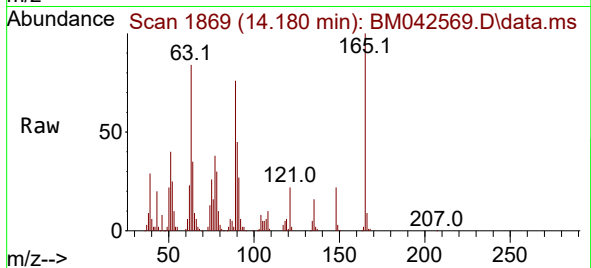
Tgt Ion:165 Resp: 84874

Ion Ratio Lower Upper

165 100

63 83.7 59.4 89.0

89 75.6 57.0 85.6



#52

Acenaphthene

Concen: 47.012 ng

RT: 14.633 min Scan# 1946

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

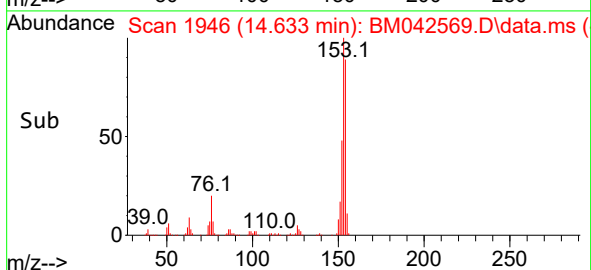
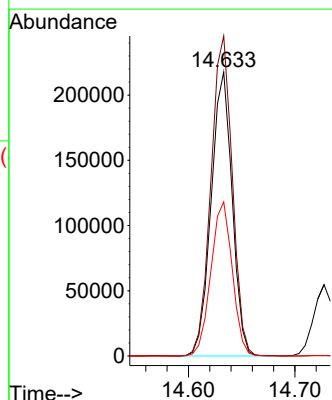
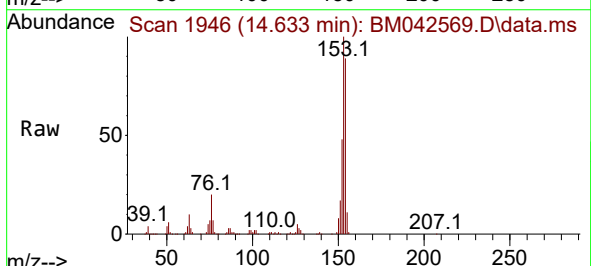
Tgt Ion:154 Resp: 297784

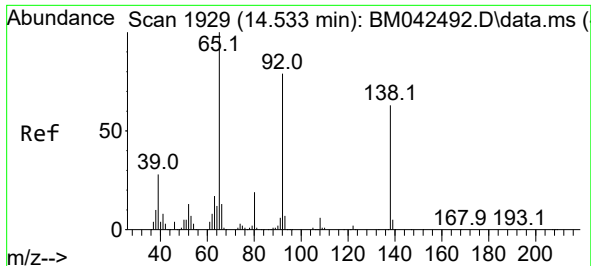
Ion Ratio Lower Upper

154 100

153 112.7 92.0 138.0

152 54.3 44.0 66.0

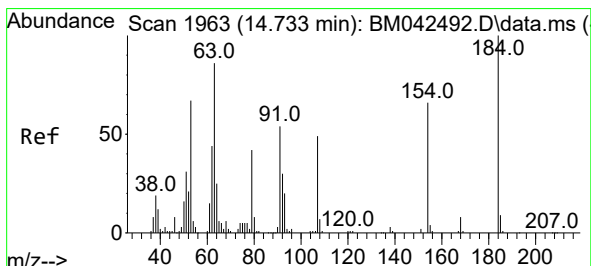
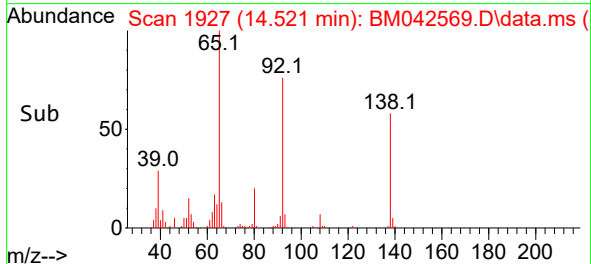
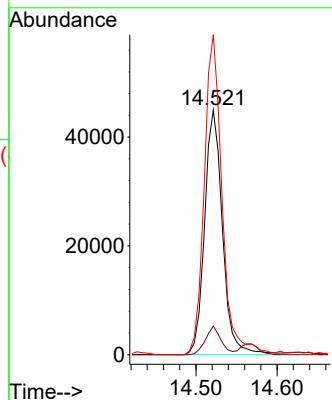
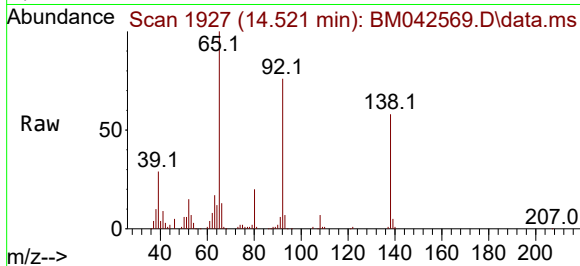




#53  
3-Nitroaniline  
Concen: 36.566 ng  
RT: 14.521 min Scan# 1929  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

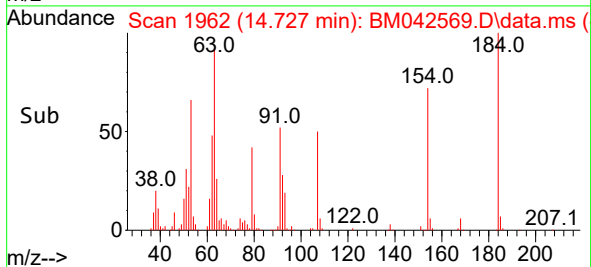
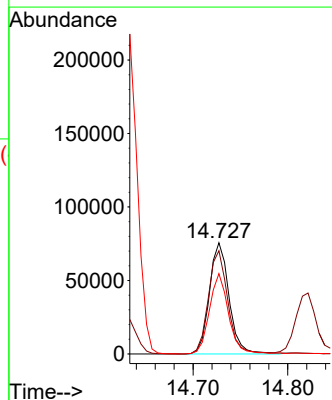
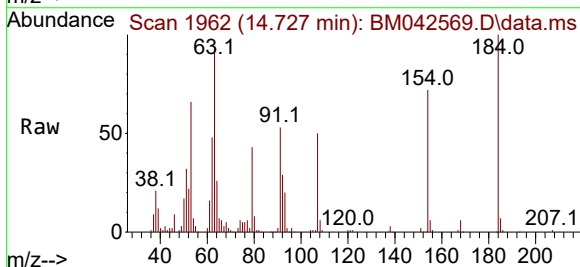
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

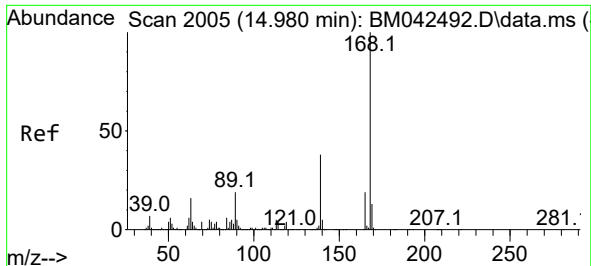
Tgt Ion:138 Resp: 68769  
Ion Ratio Lower Upper  
138 100  
108 11.7 7.9 11.9  
92 130.9 100.7 151.1



#54  
2,4-Dinitrophenol  
Concen: 87.791 ng  
RT: 14.727 min Scan# 1962  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:184 Resp: 108862  
Ion Ratio Lower Upper  
184 100  
63 92.8 69.2 103.8  
154 72.3 53.2 79.8

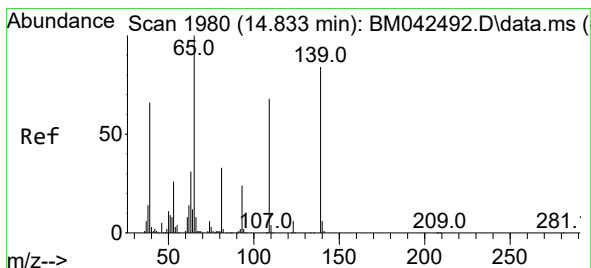
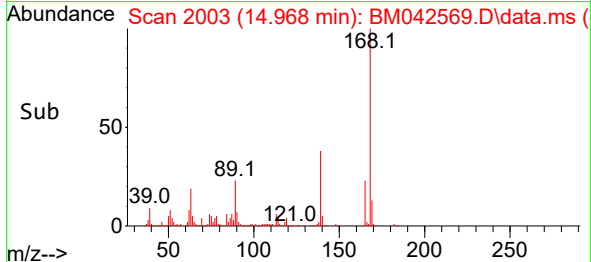
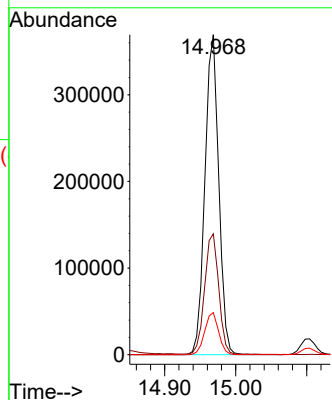
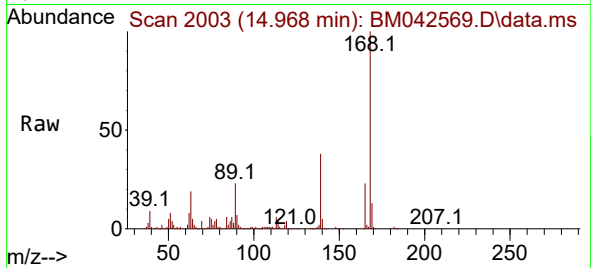




#55  
Dibenzofuran  
Concen: 48.599 ng  
RT: 14.968 min Scan# 2005  
Delta R.T. 0.006 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

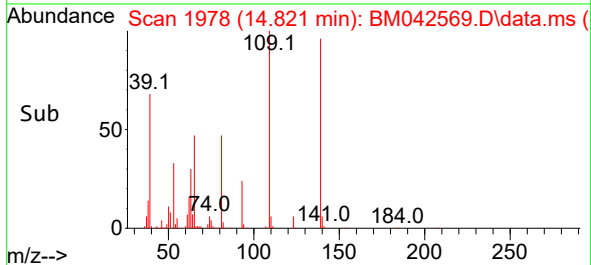
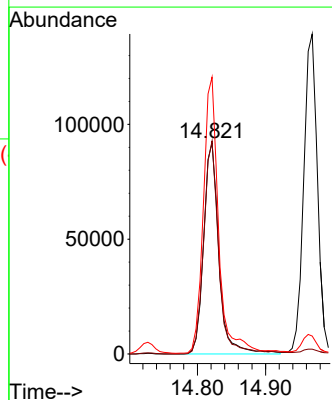
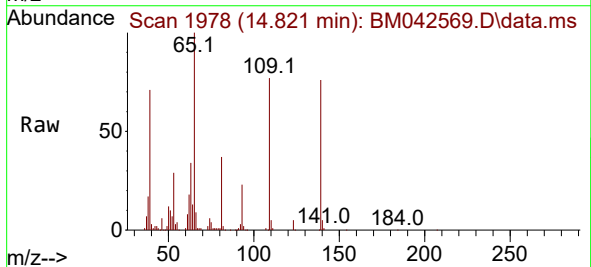
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

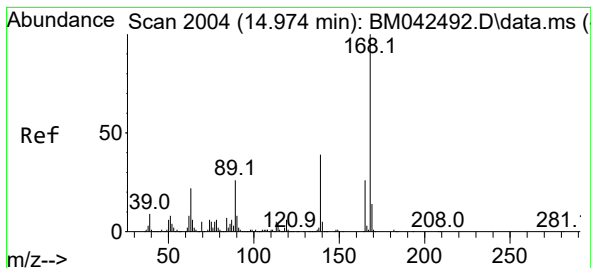
Tgt Ion:168 Resp: 500508  
Ion Ratio Lower Upper  
168 100  
139 37.7 30.4 45.6  
169 13.1 10.6 15.8



#56  
4-Nitrophenol  
Concen: 90.445 ng  
RT: 14.821 min Scan# 1978  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:139 Resp: 143832  
Ion Ratio Lower Upper  
139 100  
109 100.9 61.3 101.3  
65 131.1 100.2 140.2

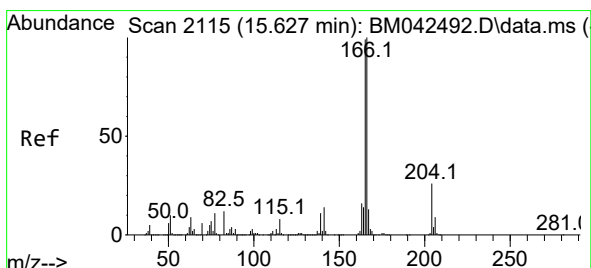
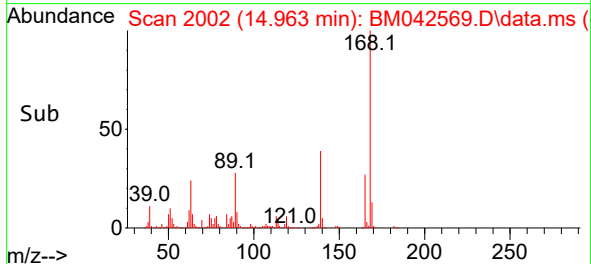
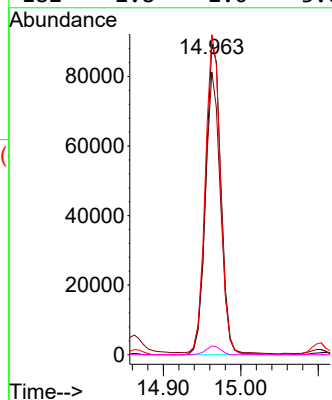
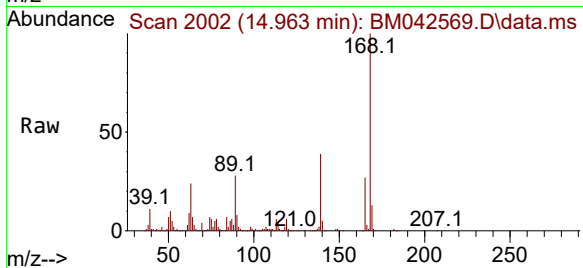




#57  
2,4-Dinitrotoluene  
Concen: 46.442 ng  
RT: 14.963 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

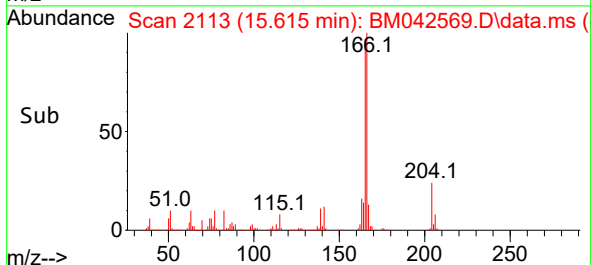
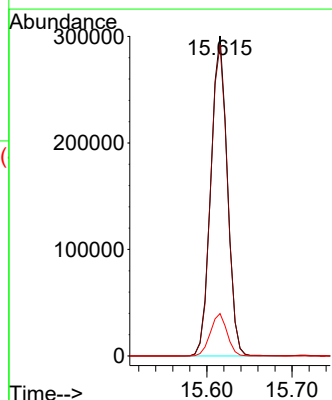
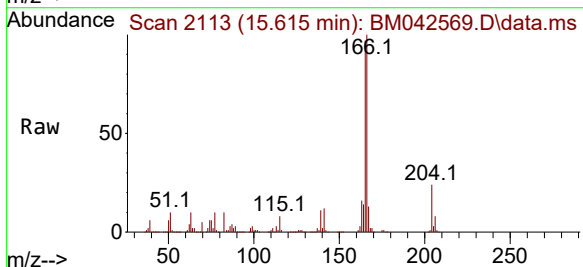
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

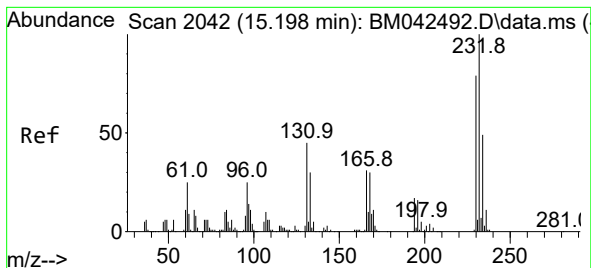
Tgt Ion:165 Resp: 121456  
Ion Ratio Lower Upper  
165 100  
63 90.9 66.7 100.1  
89 102.9 80.2 120.4  
182 2.8 2.0 3.0



#58  
Fluorene  
Concen: 48.521 ng  
RT: 15.615 min Scan# 2113  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:166 Resp: 404310  
Ion Ratio Lower Upper  
166 100  
165 97.3 79.3 118.9  
167 13.2 10.5 15.7

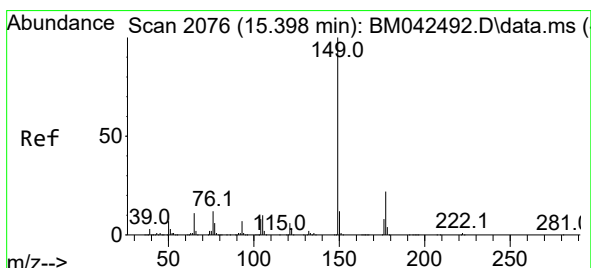
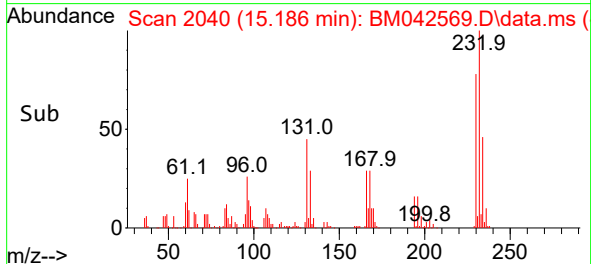
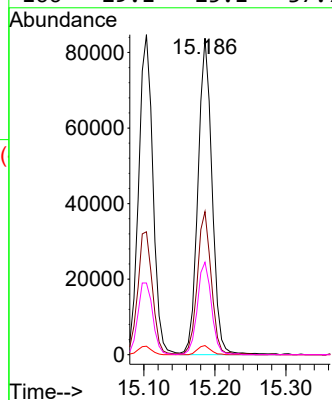
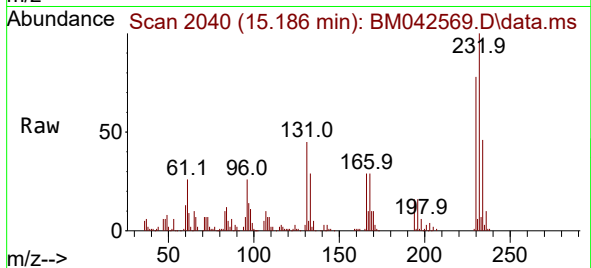




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.815 ng  
RT: 15.186 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

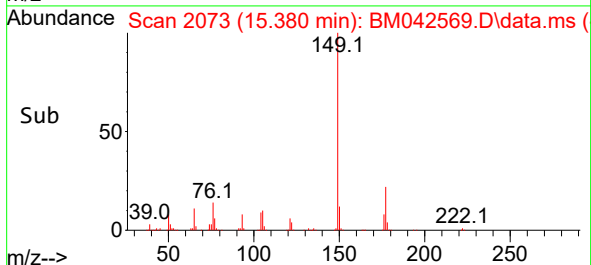
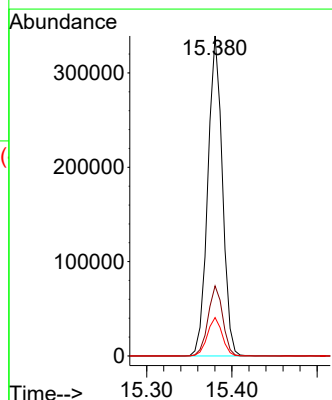
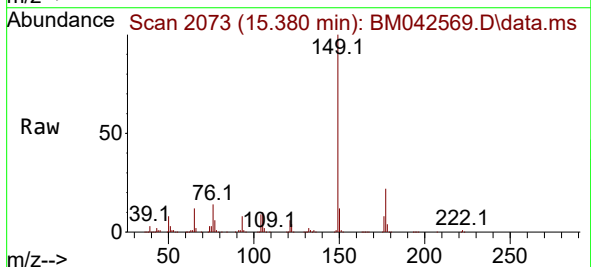
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

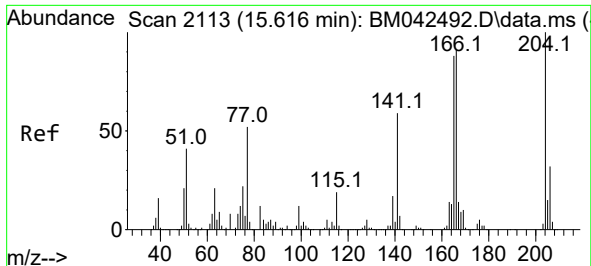
Tgt Ion:232 Resp: 115985  
Ion Ratio Lower Upper  
232 100  
131 44.6 37.2 55.8  
130 2.7 2.1 3.1  
166 29.1 25.1 37.7



#60  
Diethylphthalate  
Concen: 47.269 ng  
RT: 15.380 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:149 Resp: 402223  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.8 26.6  
150 12.0 9.8 14.6

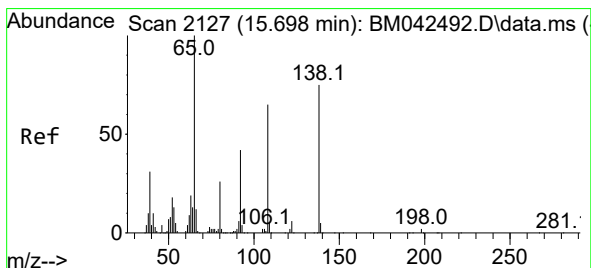
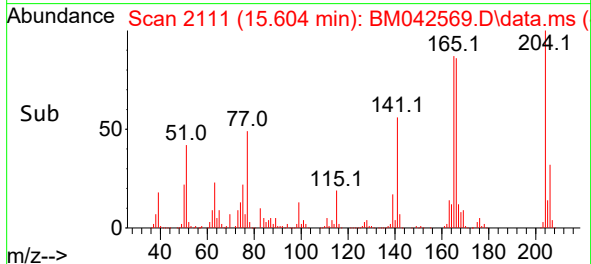
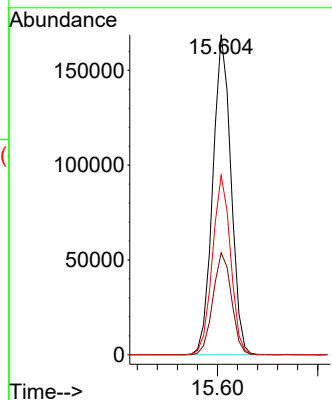
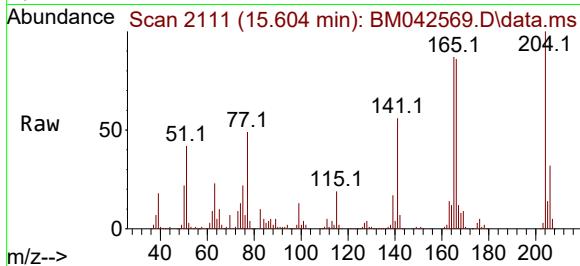




#61  
4-Chlorophenyl-phenylether  
Concen: 50.362 ng  
RT: 15.604 min Scan# 2111  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

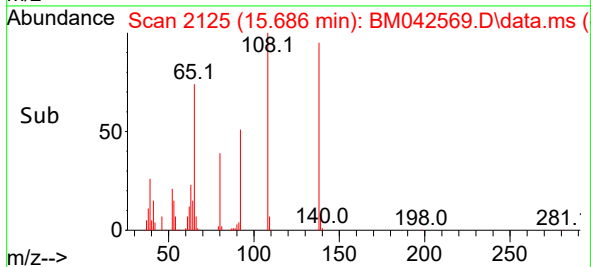
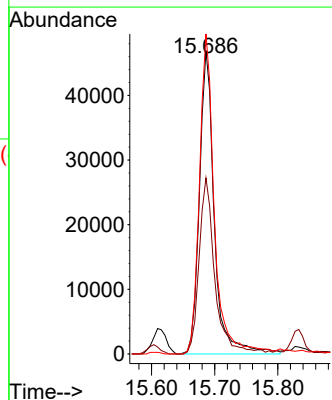
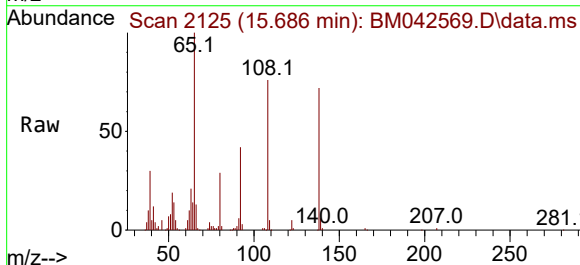
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

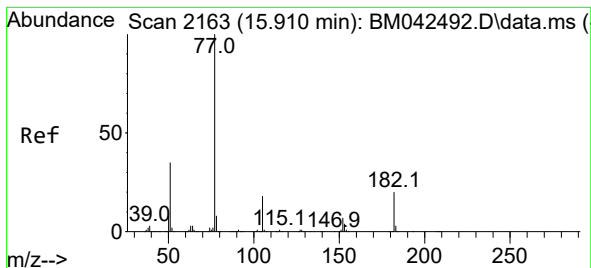
Tgt Ion:204 Resp: 212008  
Ion Ratio Lower Upper  
204 100  
206 31.9 25.9 38.9  
141 56.0 46.8 70.2



#62  
4-Nitroaniline  
Concen: 44.705 ng  
RT: 15.686 min Scan# 2125  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:138 Resp: 76736  
Ion Ratio Lower Upper  
138 100  
92 58.0 37.0 77.0  
108 105.6 67.2 107.2





#63

Azobenzene

Concen: 49.519 ng

RT: 15.898 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

Tgt Ion: 77 Resp: 464335

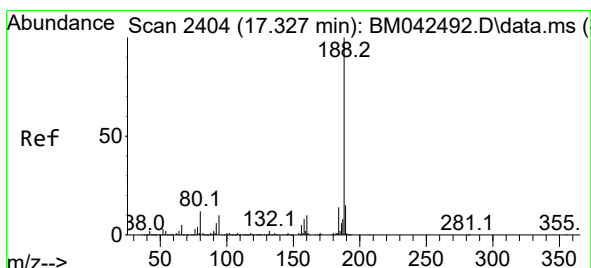
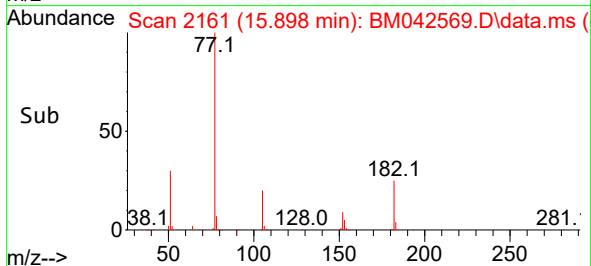
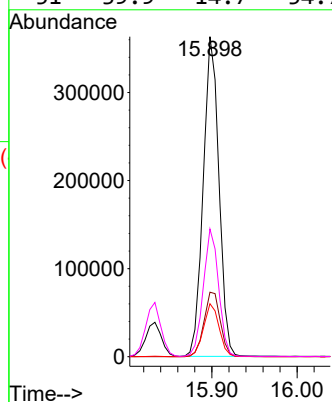
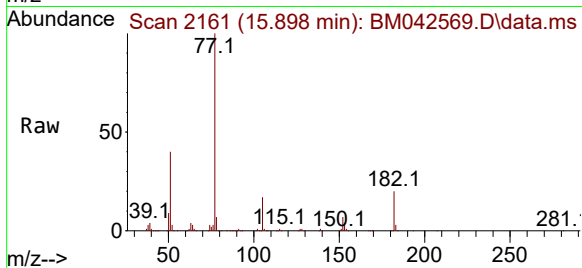
Ion Ratio Lower Upper

77 100

182 20.2 0.0 40.0

105 16.6 0.0 37.9

51 39.9 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2402

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

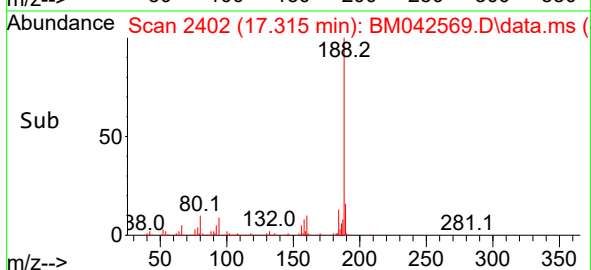
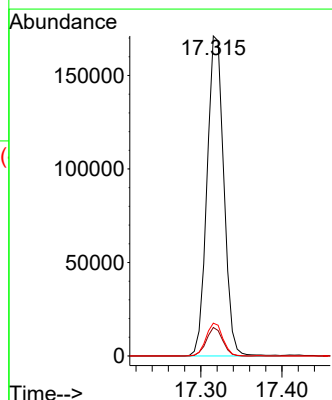
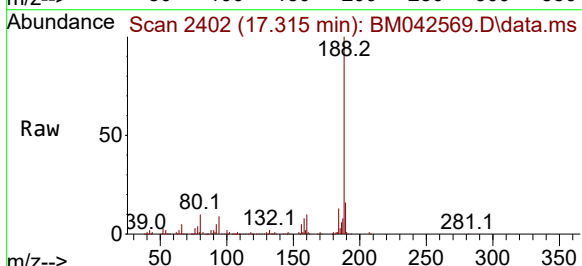
Tgt Ion:188 Resp: 245500

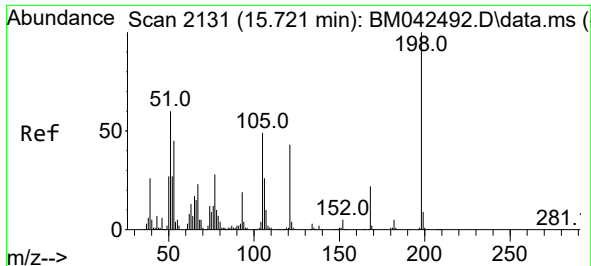
Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

80 10.3 9.4 14.2

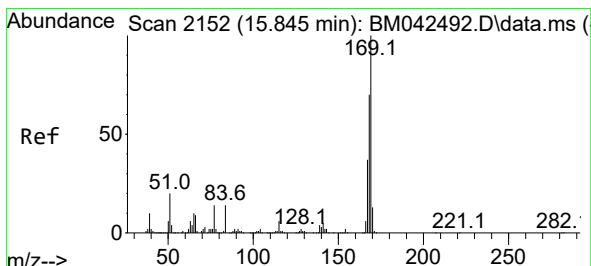
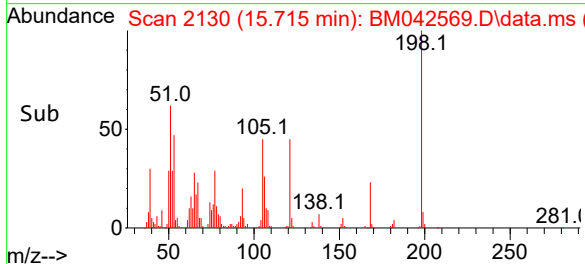
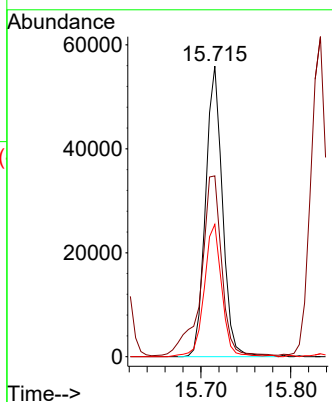
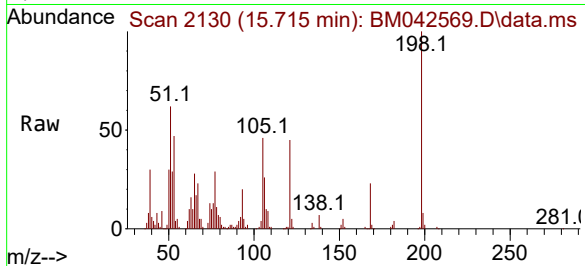




#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.368 ng  
RT: 15.715 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

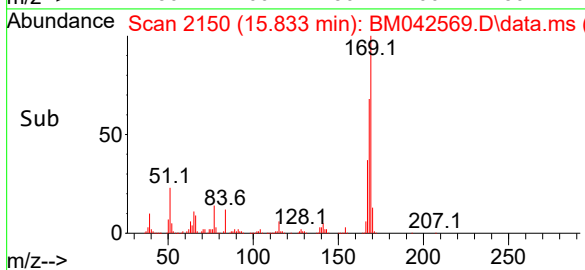
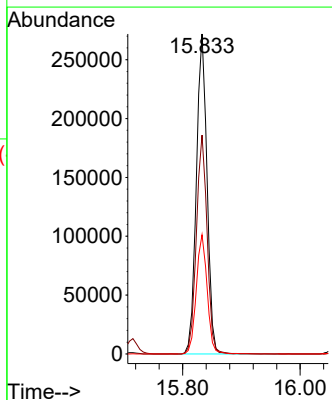
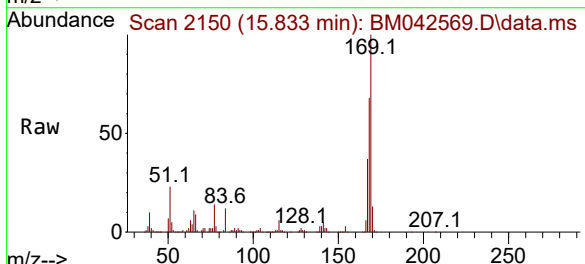
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

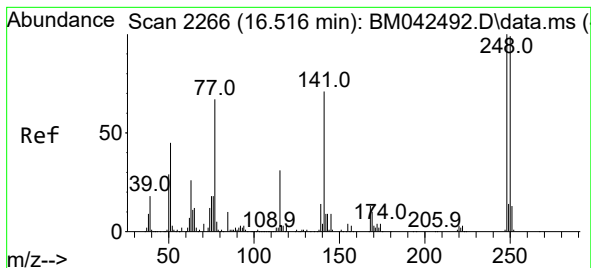
Tgt Ion:198 Resp: 72824  
Ion Ratio Lower Upper  
198 100  
51 62.3 42.4 82.4  
105 45.6 29.2 69.2



#66  
n-Nitrosodiphenylamine  
Concen: 49.467 ng  
RT: 15.833 min Scan# 2150  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:169 Resp: 342424  
Ion Ratio Lower Upper  
169 100  
168 68.4 55.9 83.9  
167 37.3 29.8 44.8

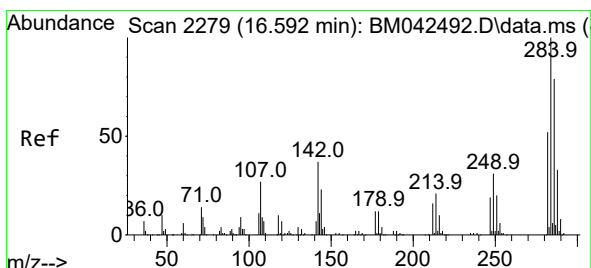
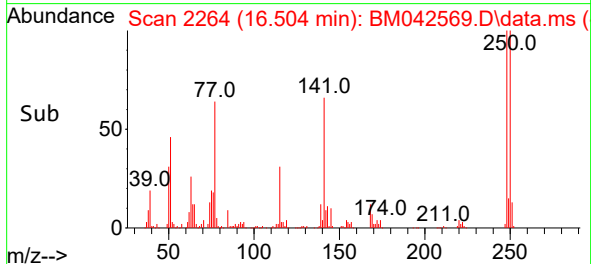
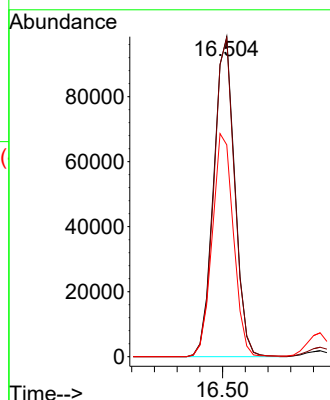
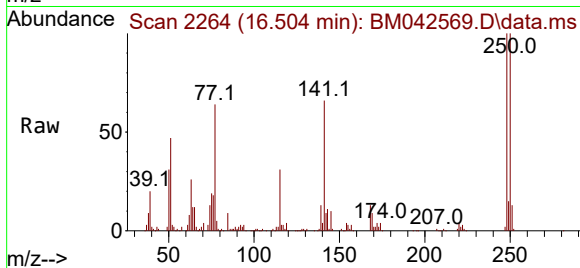




#67  
4-Bromophenyl-phenylether  
Concen: 51.588 ng  
RT: 16.504 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

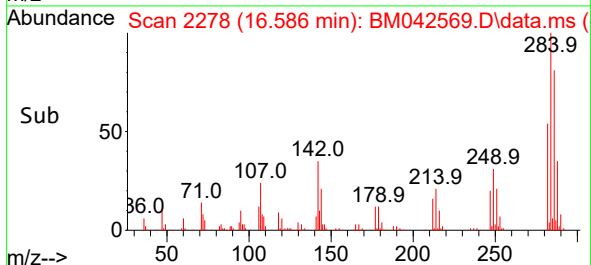
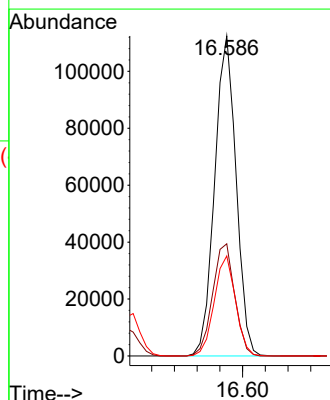
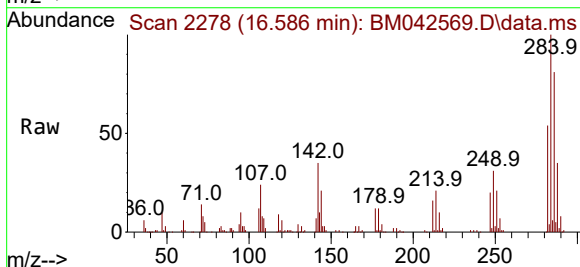
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

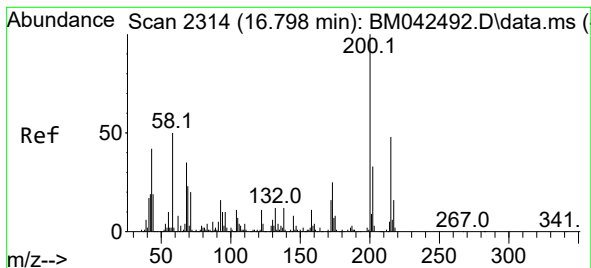
Tgt Ion:248 Resp: 126639  
Ion Ratio Lower Upper  
248 100  
250 99.7 79.4 119.0  
141 66.2 57.0 85.6



#68  
Hexachlorobenzene  
Concen: 54.238 ng  
RT: 16.586 min Scan# 2278  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:284 Resp: 147299  
Ion Ratio Lower Upper  
284 100  
142 35.1 29.8 44.6  
249 31.2 25.1 37.7





#69

Atrazine

Concen: 40.441 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

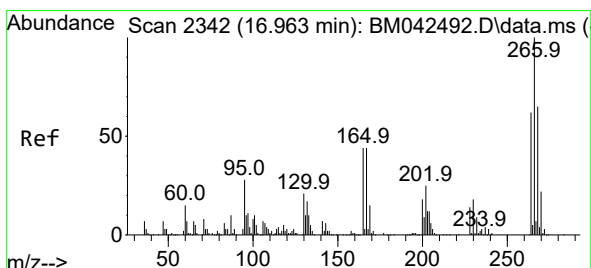
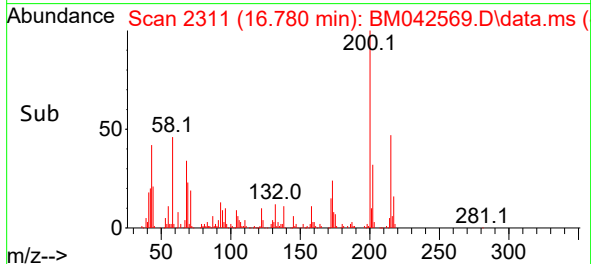
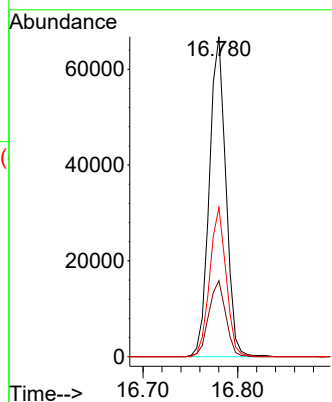
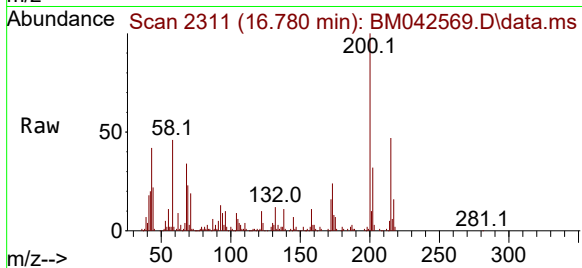
Tgt Ion:200 Resp: 80889

Ion Ratio Lower Upper

200 100

173 23.8 5.4 45.4

215 46.7 27.9 67.9



#70

Pentachlorophenol

Concen: 96.741 ng

RT: 16.951 min Scan# 2340

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

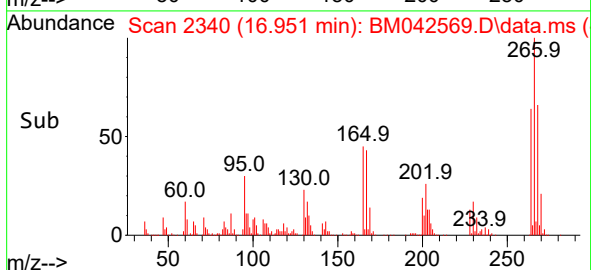
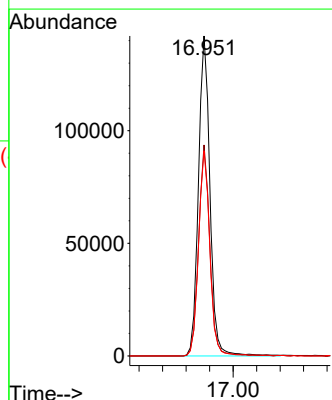
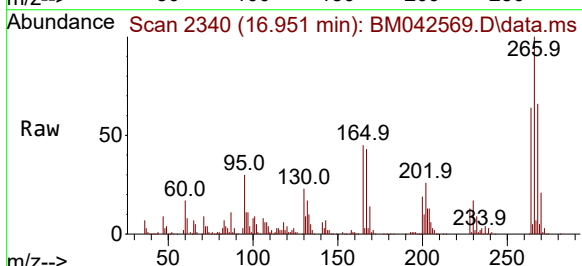
Tgt Ion:266 Resp: 193151

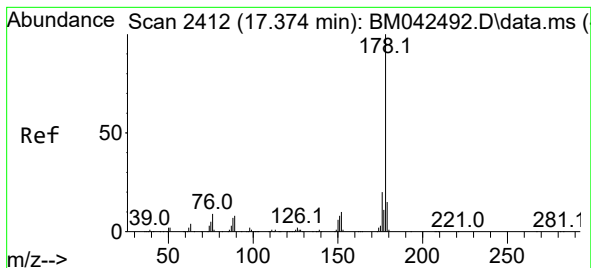
Ion Ratio Lower Upper

266 100

268 65.9 51.7 77.5

264 64.1 49.4 74.2





#71

Phenanthrene

Concen: 48.533 ng

RT: 17.362 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

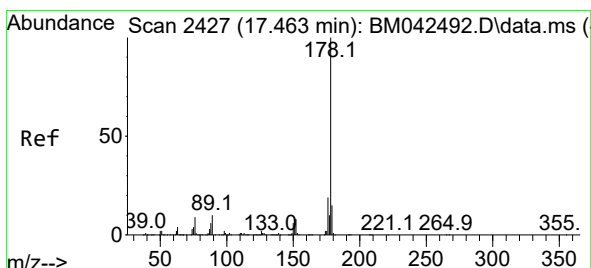
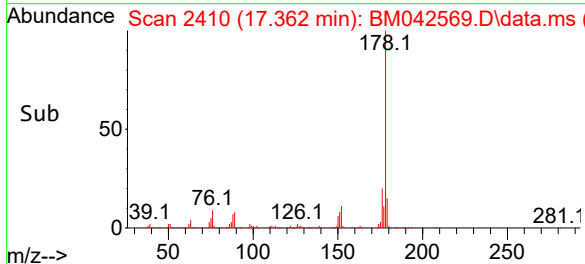
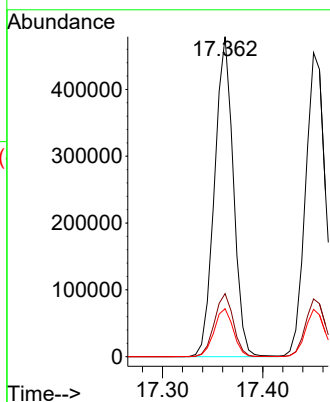
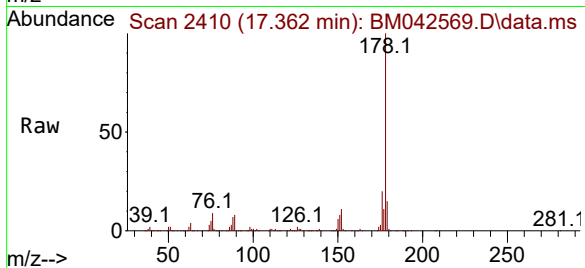
Tgt Ion:178 Resp: 622660

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

179 15.0 12.2 18.4



#72

Anthracene

Concen: 49.695 ng

RT: 17.451 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

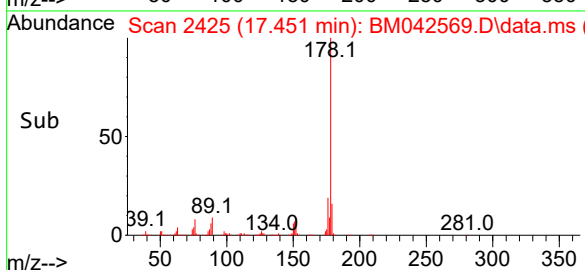
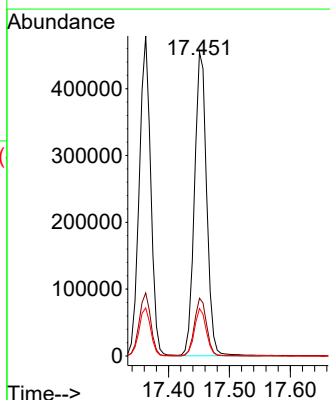
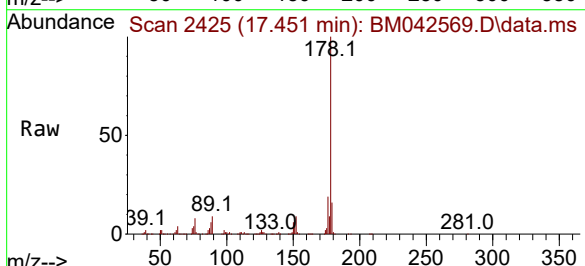
Tgt Ion:178 Resp: 631504

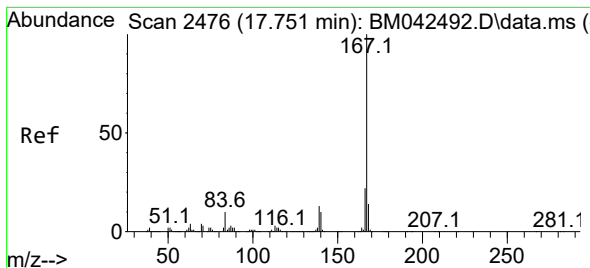
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.6 12.3 18.5





#73

Carbazole

Concen: 54.248 ng

RT: 17.745 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

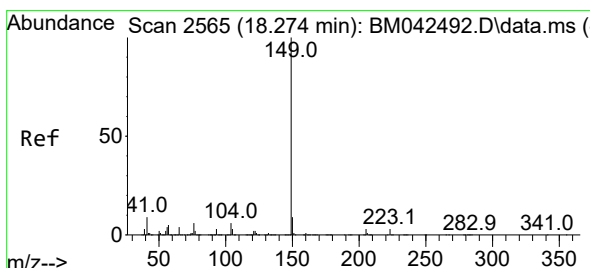
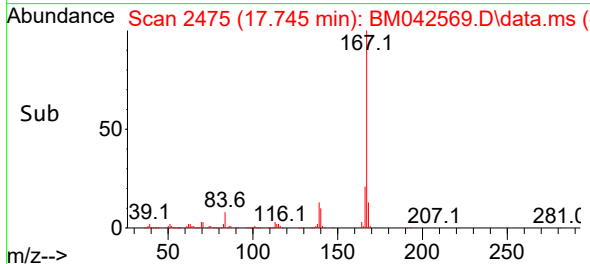
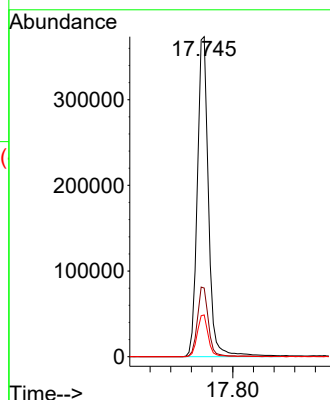
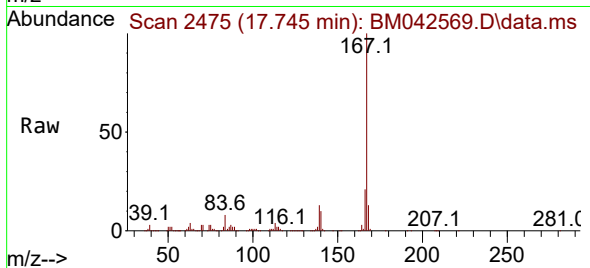
Tgt Ion:167 Resp: 560809

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 49.047 ng

RT: 18.256 min Scan# 2562

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

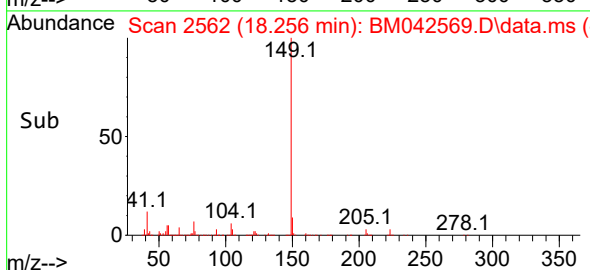
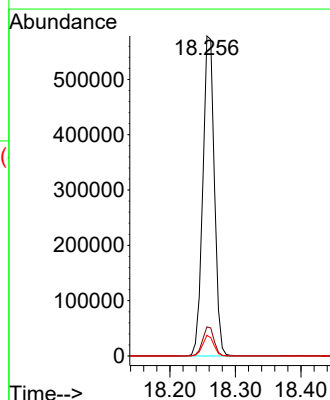
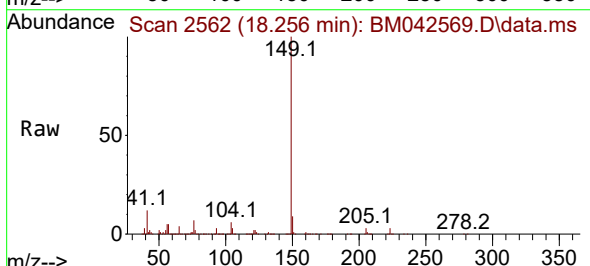
Tgt Ion:149 Resp: 712034

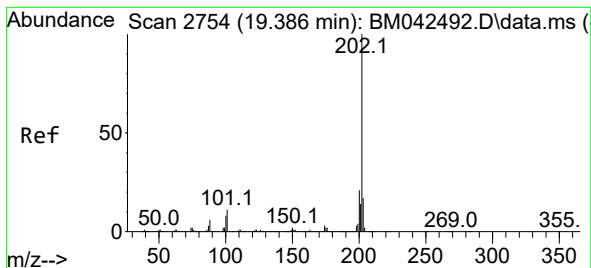
Ion Ratio Lower Upper

149 100

150 9.1 7.0 10.6

104 6.4 4.6 6.8





#75

Fluoranthene

Concen: 50.770 ng

RT: 19.374 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

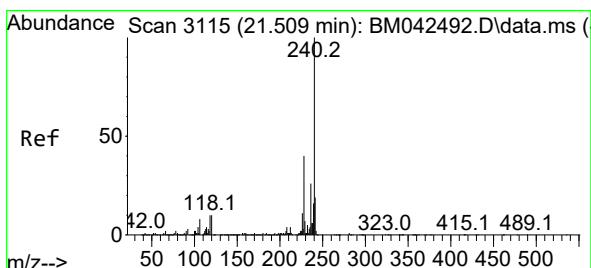
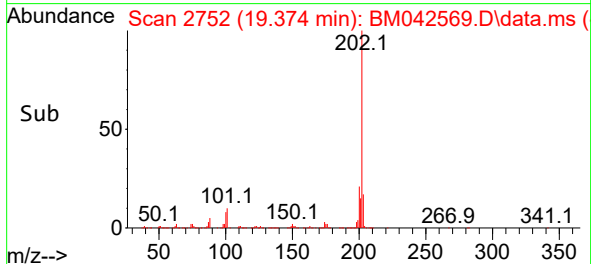
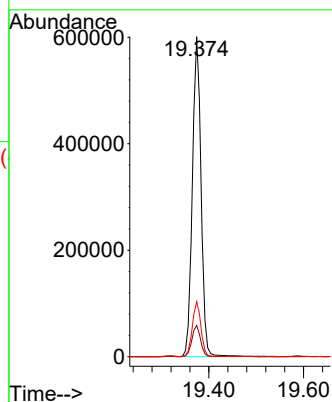
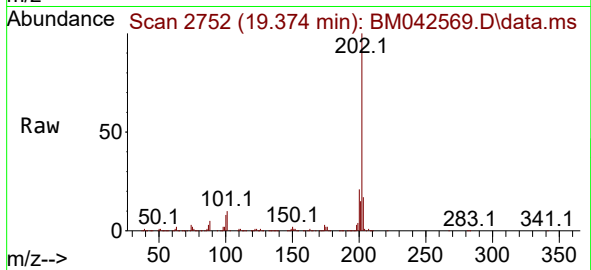
Tgt Ion:202 Resp: 765131

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.5

203 17.2 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.497 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

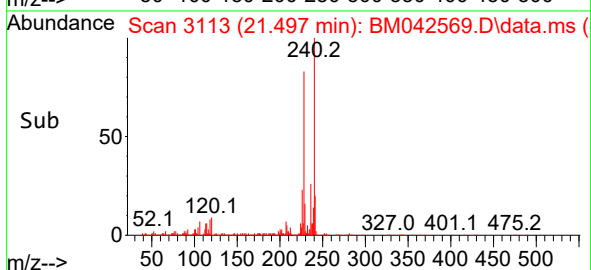
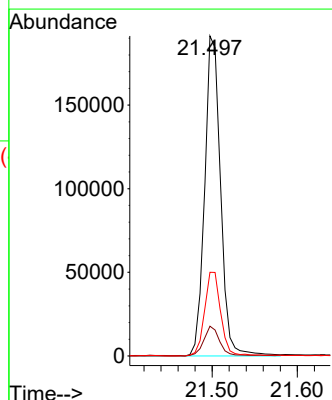
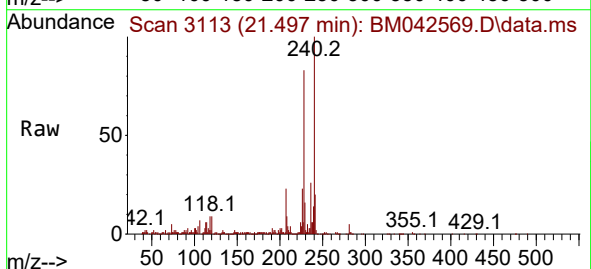
Tgt Ion:240 Resp: 249012

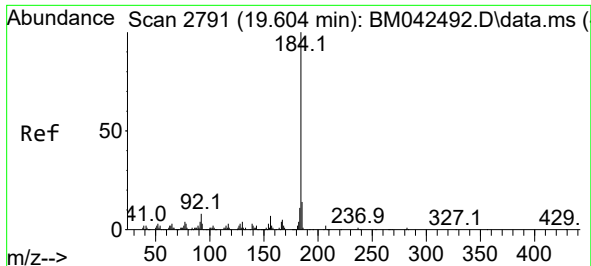
Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 26.2 20.8 31.2

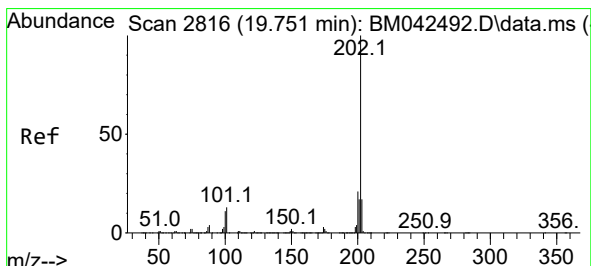
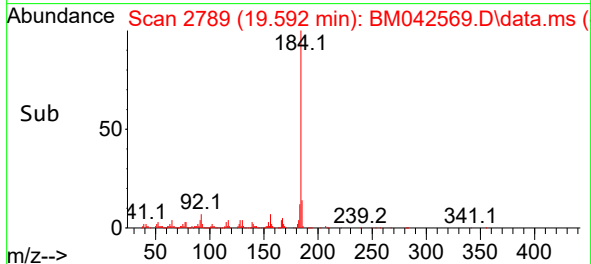
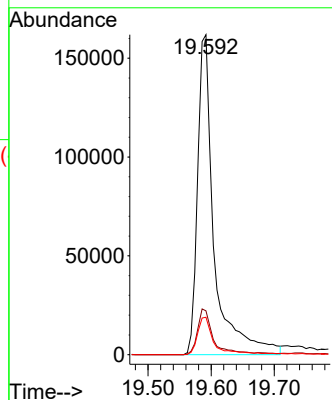
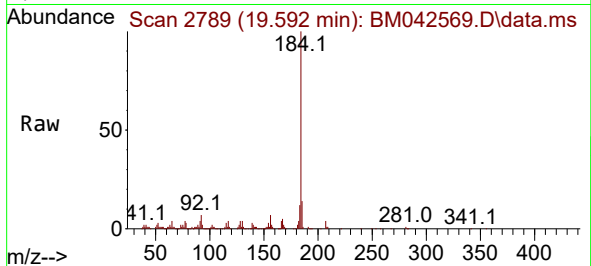




#77  
Benzidine  
Concen: 123.792 ng  
RT: 19.592 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

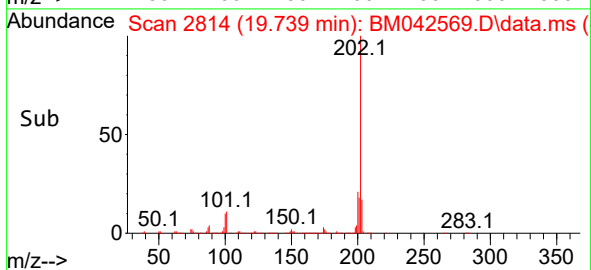
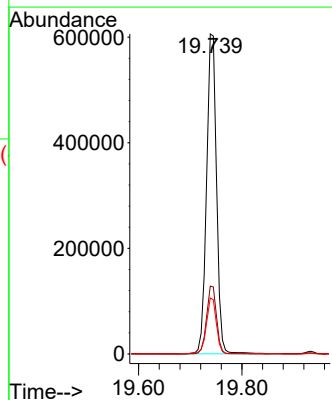
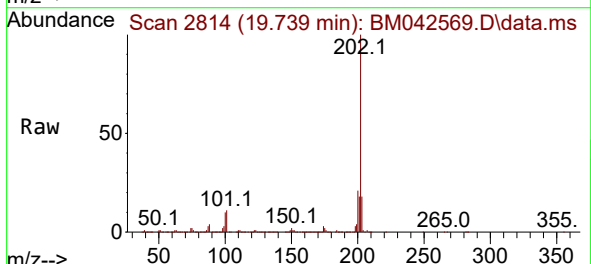
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

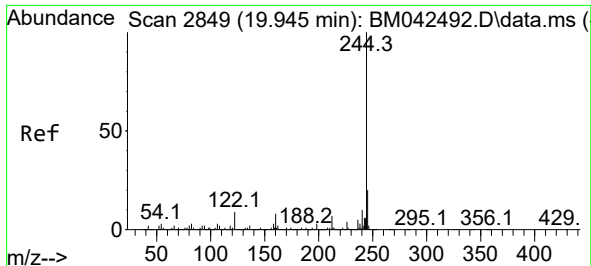
Tgt Ion:184 Resp: 295689  
Ion Ratio Lower Upper  
184 100  
185 13.7 11.2 16.8  
183 11.7 9.0 13.4



#78  
Pyrene  
Concen: 47.461 ng  
RT: 19.739 min Scan# 2814  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:202 Resp: 811533  
Ion Ratio Lower Upper  
202 100  
200 21.2 16.9 25.3  
203 17.5 13.7 20.5

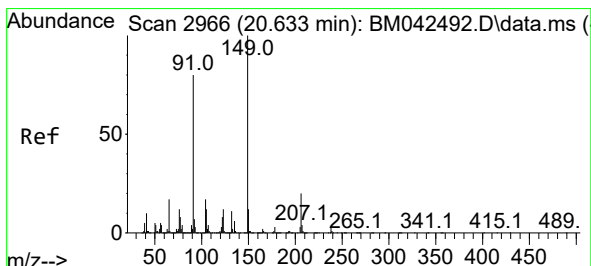
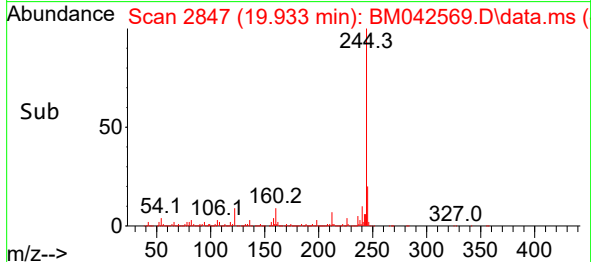
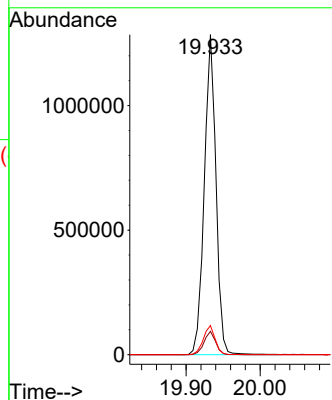
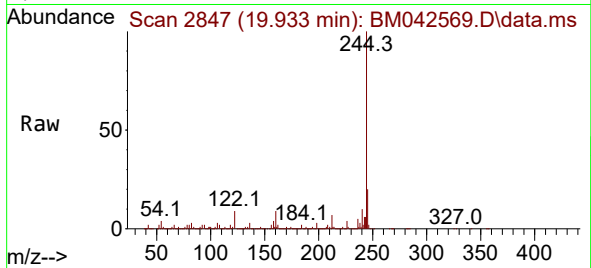




#79  
 Terphenyl-d14  
 Concen: 95.977 ng  
 RT: 19.933 min Scan# 2847  
 Delta R.T. -0.000 min  
 Lab File: BM042569.D  
 Acq: 03 Nov 2023 14:11

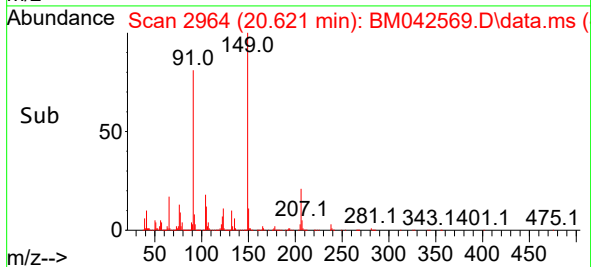
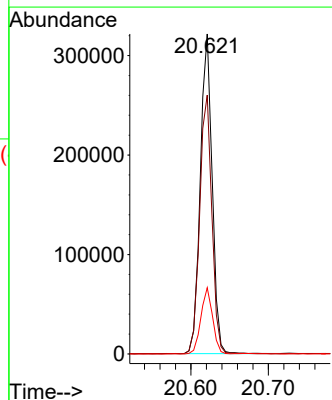
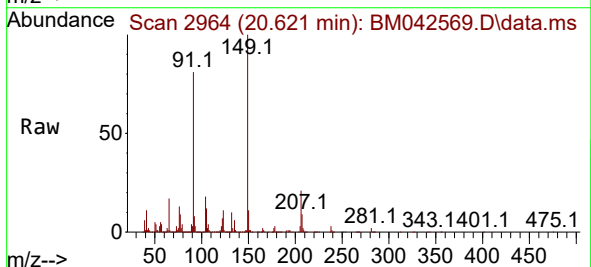
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB156852BS

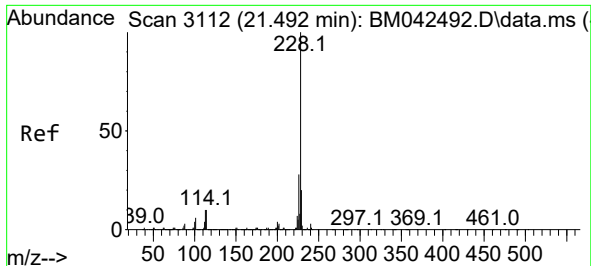
Tgt Ion:244 Resp: 1409496  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.4 8.2  
 122 9.1 7.2 10.8



#80  
 Butylbenzylphthalate  
 Concen: 46.805 ng  
 RT: 20.621 min Scan# 2964  
 Delta R.T. -0.000 min  
 Lab File: BM042569.D  
 Acq: 03 Nov 2023 14:11

Tgt Ion:149 Resp: 341813  
 Ion Ratio Lower Upper  
 149 100  
 91 80.9 64.2 96.4  
 206 20.7 16.1 24.1

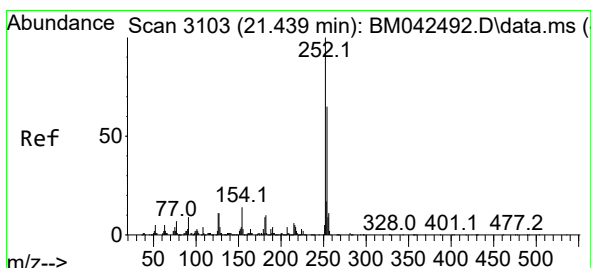
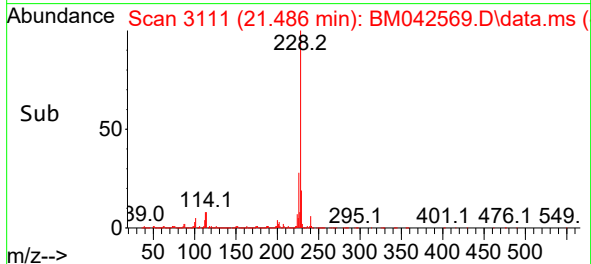
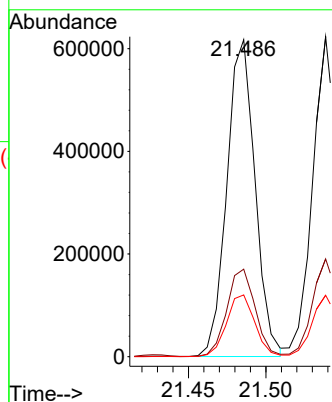
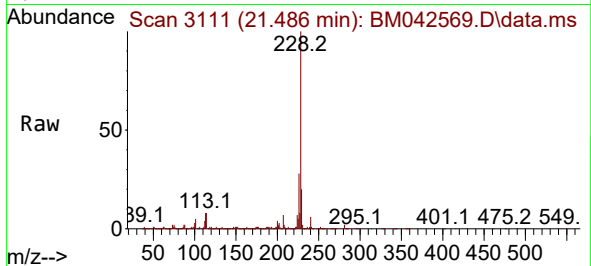




#81  
Benzo(a)anthracene  
Concen: 49.231 ng  
RT: 21.486 min Scan# 3111  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

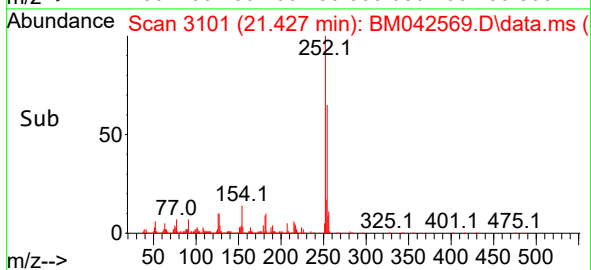
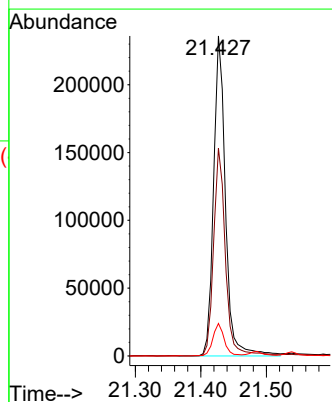
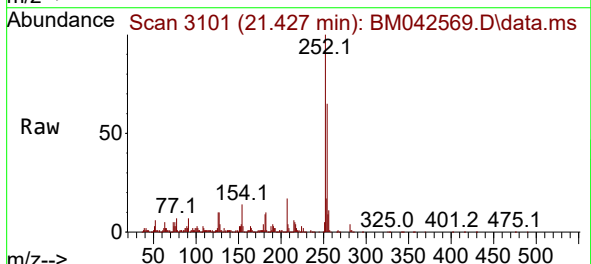
Instrument :  
BNA\_M  
ClientSampleId :  
PB156852BS

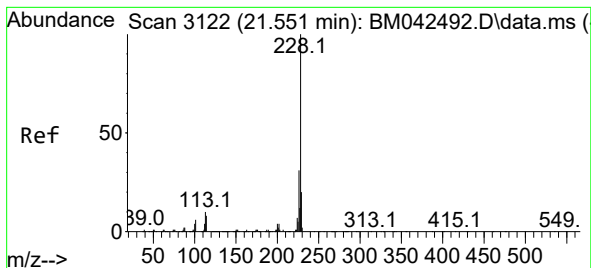
Tgt Ion:228 Resp: 779981  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.3 33.5  
229 19.5 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 59.259 ng  
RT: 21.427 min Scan# 3101  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:252 Resp: 298385  
Ion Ratio Lower Upper  
252 100  
254 65.0 52.2 78.4  
126 10.2 8.9 13.3





#83

Chrysene

Concen: 46.066 ng

RT: 21.539 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

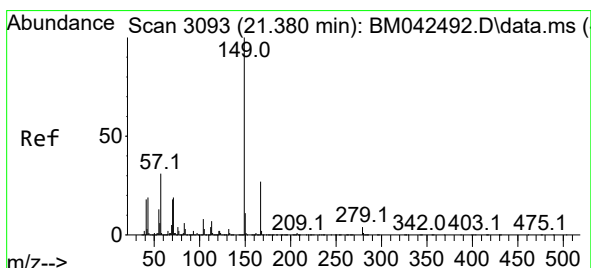
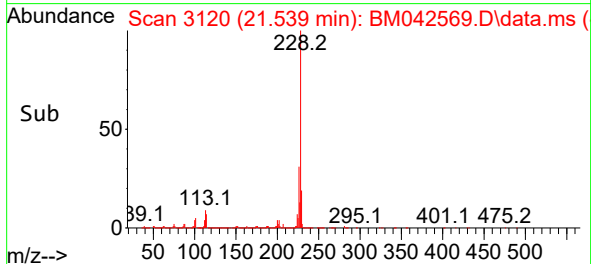
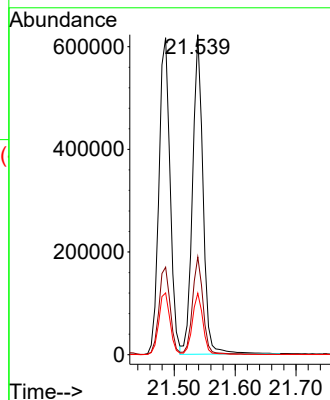
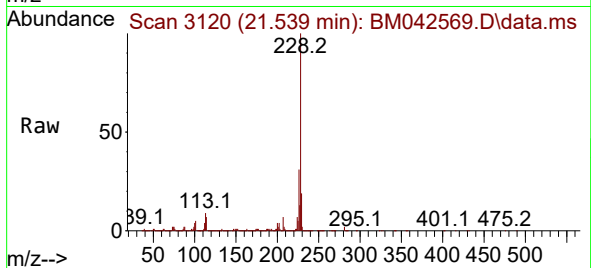
Tgt Ion:228 Resp: 741371

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.296 ng

RT: 21.362 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

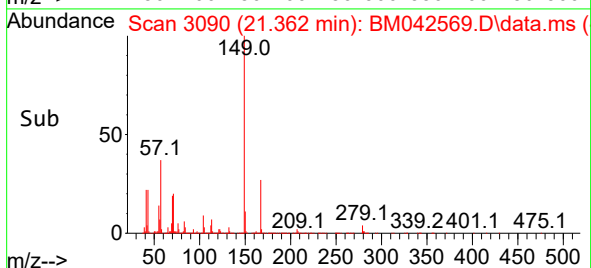
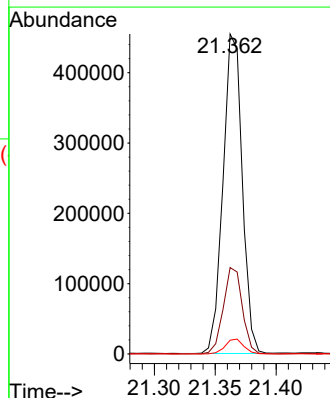
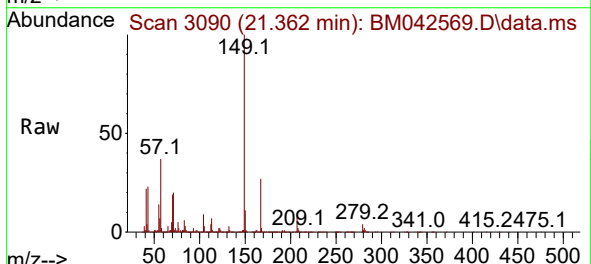
Tgt Ion:149 Resp: 499941

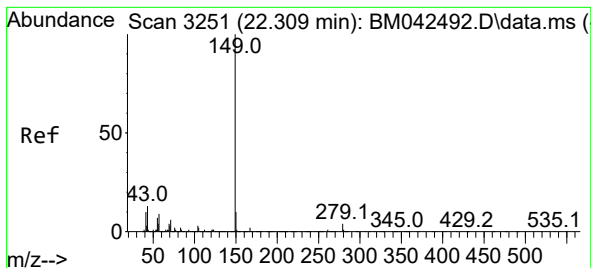
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 45.536 ng

RT: 22.291 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

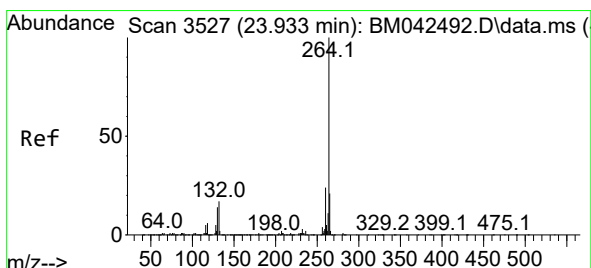
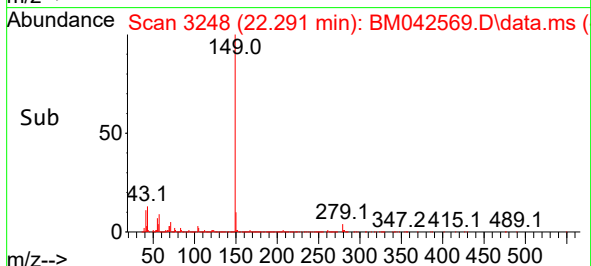
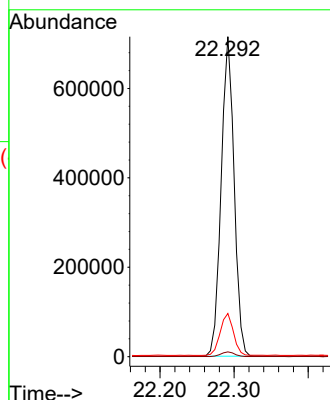
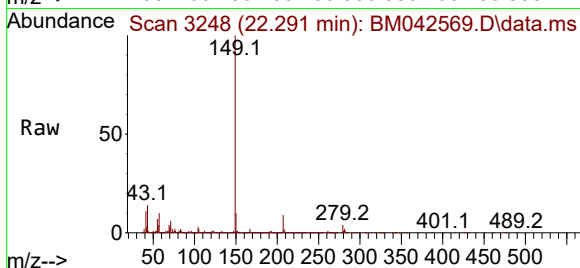
Tgt Ion:149 Resp: 865079

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.4 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.915 min Scan# 3524

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

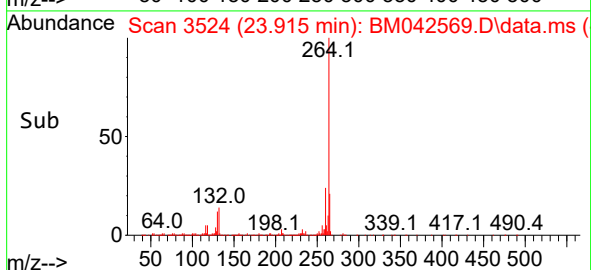
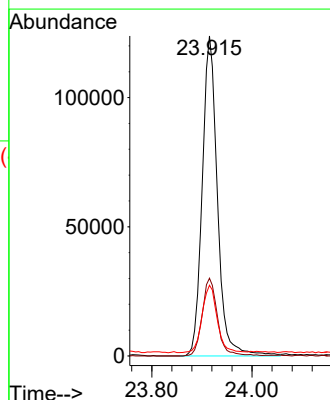
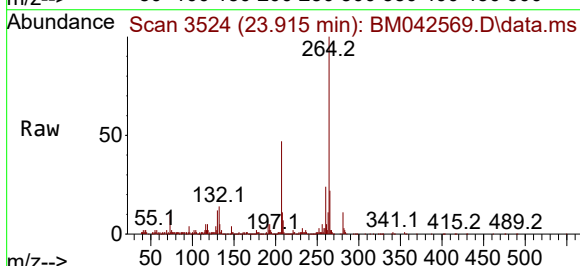
Tgt Ion:264 Resp: 260800

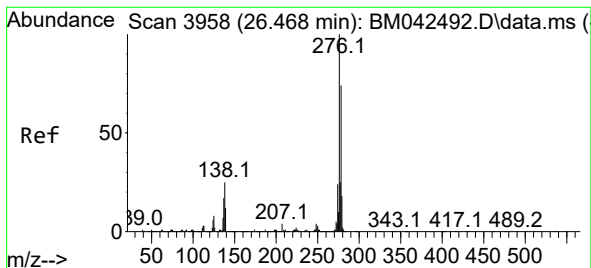
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 22.1 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.568 ng

RT: 26.450 min Scan# 3958

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

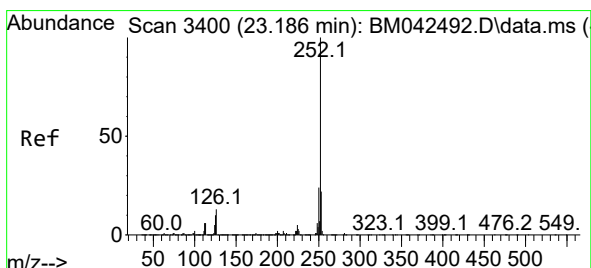
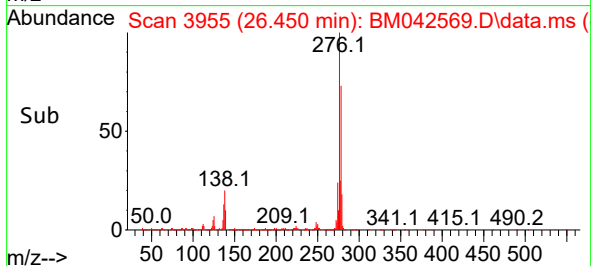
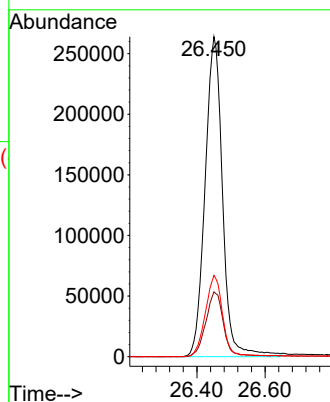
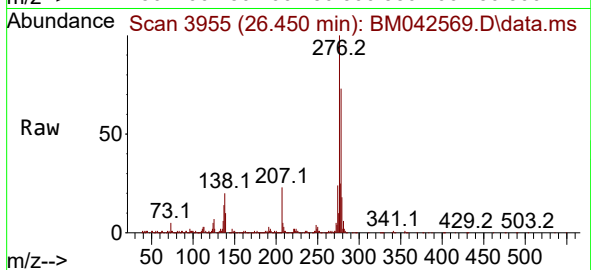
Tgt Ion:276 Resp: 940155

Ion Ratio Lower Upper

276 100

138 20.5 20.6 31.0#

277 25.3 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 53.870 ng

RT: 23.168 min Scan# 3397

Delta R.T. -0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

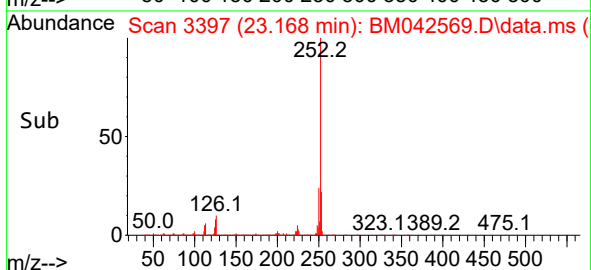
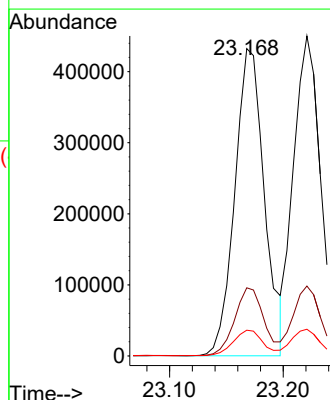
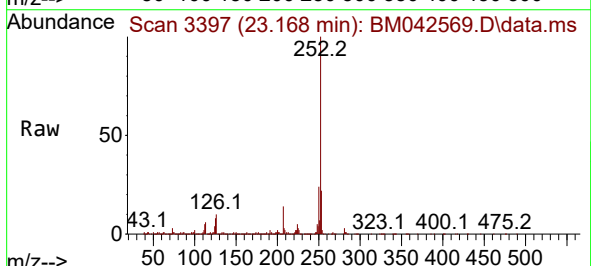
Tgt Ion:252 Resp: 782708

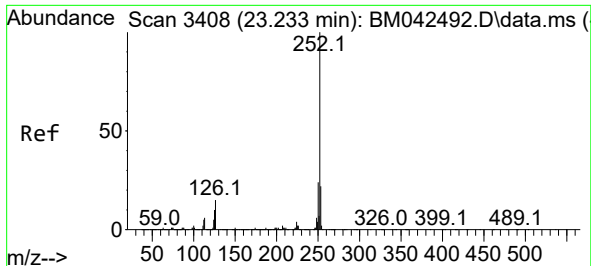
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 8.4 7.8 11.6

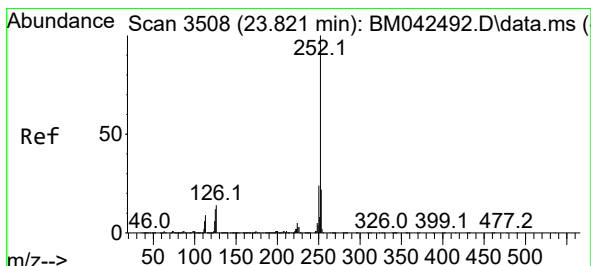
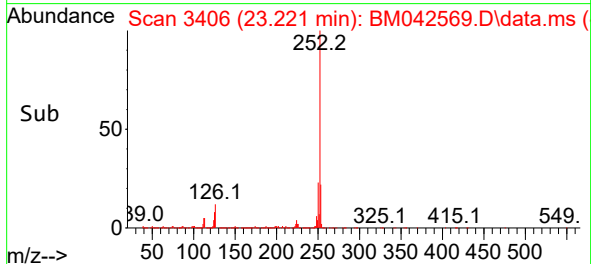
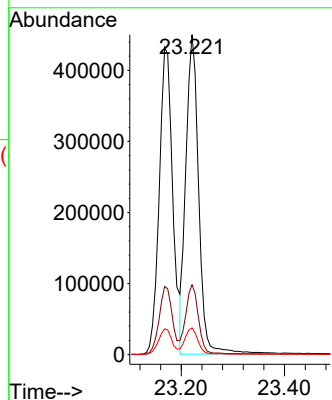
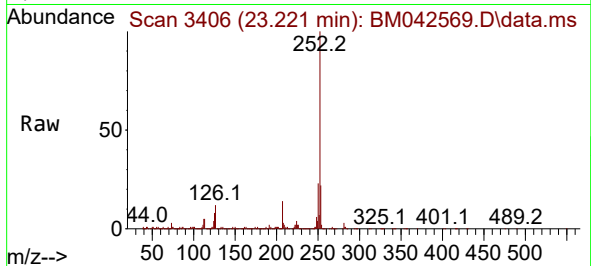




#89  
Benzo(k)fluoranthene  
Concen: 47.676 ng  
RT: 23.221 min Scan# 3406  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

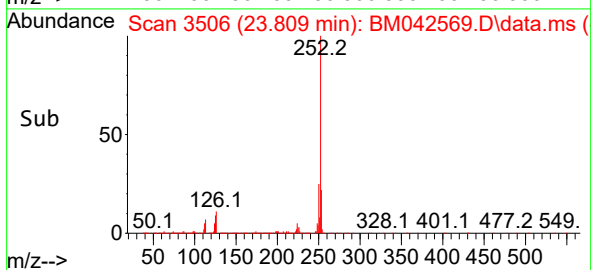
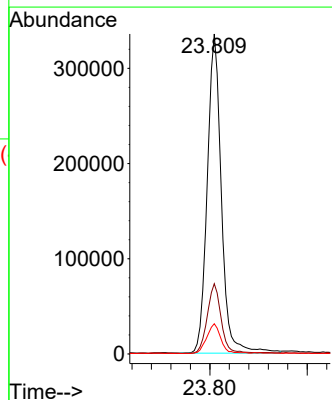
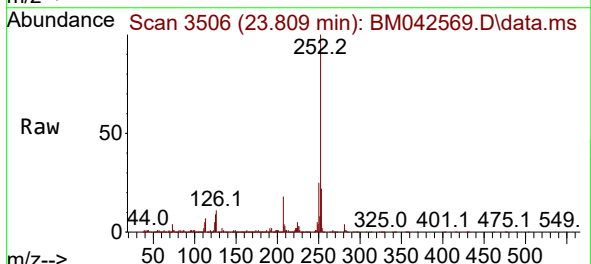
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ClientSampleId :  
PB156852BS

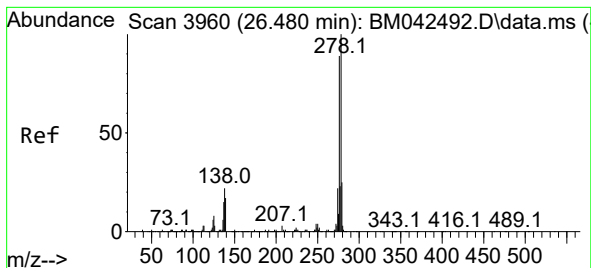
Tgt Ion:252 Resp: 771902  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 8.4 8.2 12.4



#90  
Benzo(a)pyrene  
Concen: 47.134 ng  
RT: 23.809 min Scan# 3506  
Delta R.T. -0.000 min  
Lab File: BM042569.D  
Acq: 03 Nov 2023 14:11

Tgt Ion:252 Resp: 674250  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 9.4 9.4 14.2#





#91

Dibenzo(a,h)anthracene

Concen: 53.497 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA\_M

ClientSampleId :

PB156852BS

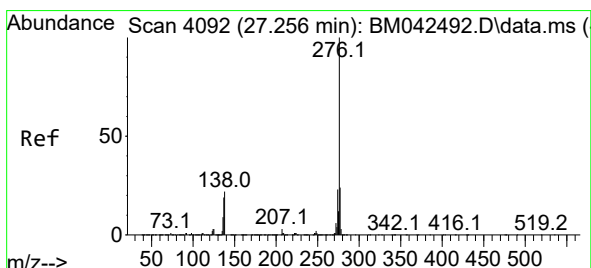
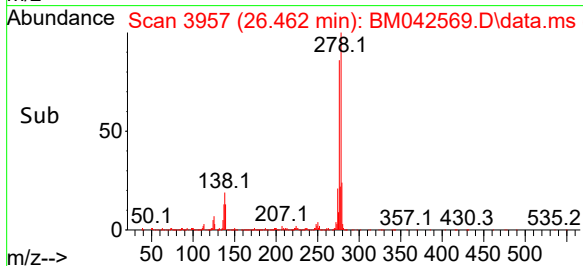
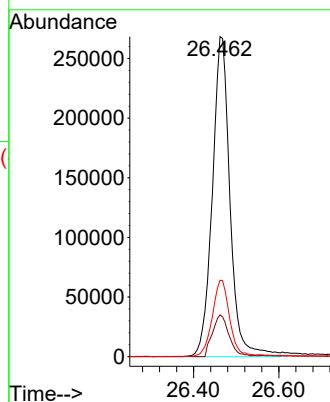
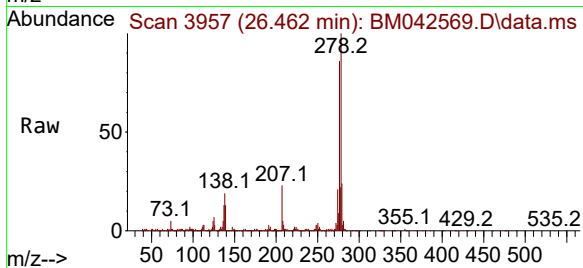
Tgt Ion:278 Resp: 774028

Ion Ratio Lower Upper

278 100

139 13.1 13.4 20.2#

279 23.9 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 57.427 ng

RT: 27.238 min Scan# 4089

Delta R.T. -0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Tgt Ion:276 Resp: 785632

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 18.0 17.3 25.9

