

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
 Data File : BM039248.D  
 Acq On : 31 Mar 2023 11:44  
 Operator : CG/JU  
 Sample : PB151658BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB151658BS

Quant Time: Mar 31 17:11:10 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 31 17:03:41 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.916  | 152  | 243593   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.728 | 136  | 941366   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.563 | 164  | 509490   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.310 | 188  | 957930   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.498 | 240  | 725428   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.903 | 264  | 744562   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 1733677  | 107.227 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.093  | 99   | 2197803  | 105.095 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.087  | 82   | 1305967  | 67.427  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.057 | 330  | 623187   | 96.357  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.186 | 172  | 2634802  | 70.069  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.933 | 244  | 2956953  | 75.309  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.346  | 88   | 261145   | 39.515  | ng    | 99       |
| 3) Pyridine                   | 3.757  | 79   | 654957   | 35.376  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.663  | 42   | 303063   | 41.680  | ng    | 98       |
| 6) Aniline                    | 7.245  | 93   | 973102   | 37.596  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.481  | 128  | 732963   | 44.292  | ng    | 98       |
| 9) Benzaldehyde               | 7.057  | 77   | 453824   | 38.106  | ng    | 99       |
| 10) Phenol                    | 7.116  | 94   | 940895   | 44.896  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.346  | 93   | 719975   | 42.704  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.804  | 146  | 770441   | 43.900  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.957  | 146  | 782231   | 44.080  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.275  | 146  | 746415   | 43.988  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.163  | 79   | 611183   | 42.491  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.457  | 45   | 926068   | 42.944  | ng    | 99       |
| 17) 2-Methylphenol            | 8.369  | 107  | 603011   | 41.126  | ng    | 99       |
| 18) Hexachloroethane          | 8.998  | 117  | 301938   | 43.986  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.734  | 70   | 540568   | 40.437  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.698  | 107  | 804854   | 40.850  | ng    | 97       |
| 22) Acetophenone              | 8.751  | 105  | 1083625  | 43.053  | ng    | # 99     |
| 24) Nitrobenzene              | 9.134  | 77   | 801791   | 41.619  | ng    | 99       |
| 25) Isophorone                | 9.657  | 82   | 1444506  | 39.977  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.845  | 139  | 382905   | 42.996  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.904  | 122  | 656184   | 44.346  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.139 | 93   | 920768   | 42.096  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.381 | 162  | 629633   | 43.613  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.592 | 180  | 671232   | 43.459  | ng    | 98       |
| 31) Naphthalene               | 10.781 | 128  | 2117229  | 41.740  | ng    | 100      |
| 32) Benzoic acid              | 10.057 | 122  | 448740   | 38.910  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.898 | 127  | 399327   | 17.970  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.063 | 225  | 386413   | 42.548  | ng    | 99       |
| 35) Caprolactam               | 11.692 | 113  | 188093   | 37.523  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 12.022 | 107  | 655872   | 41.176  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.392 | 142  | 1400279  | 39.655  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.610 | 142  | 1296046  | 39.198  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.757 | 216  | 706225   | 45.527  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.733 | 237  | 979652   | 115.600 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.998 | 196  | 464505   | 43.908  | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 31 17:03:41 2023  
 Response via : Initial Calibration

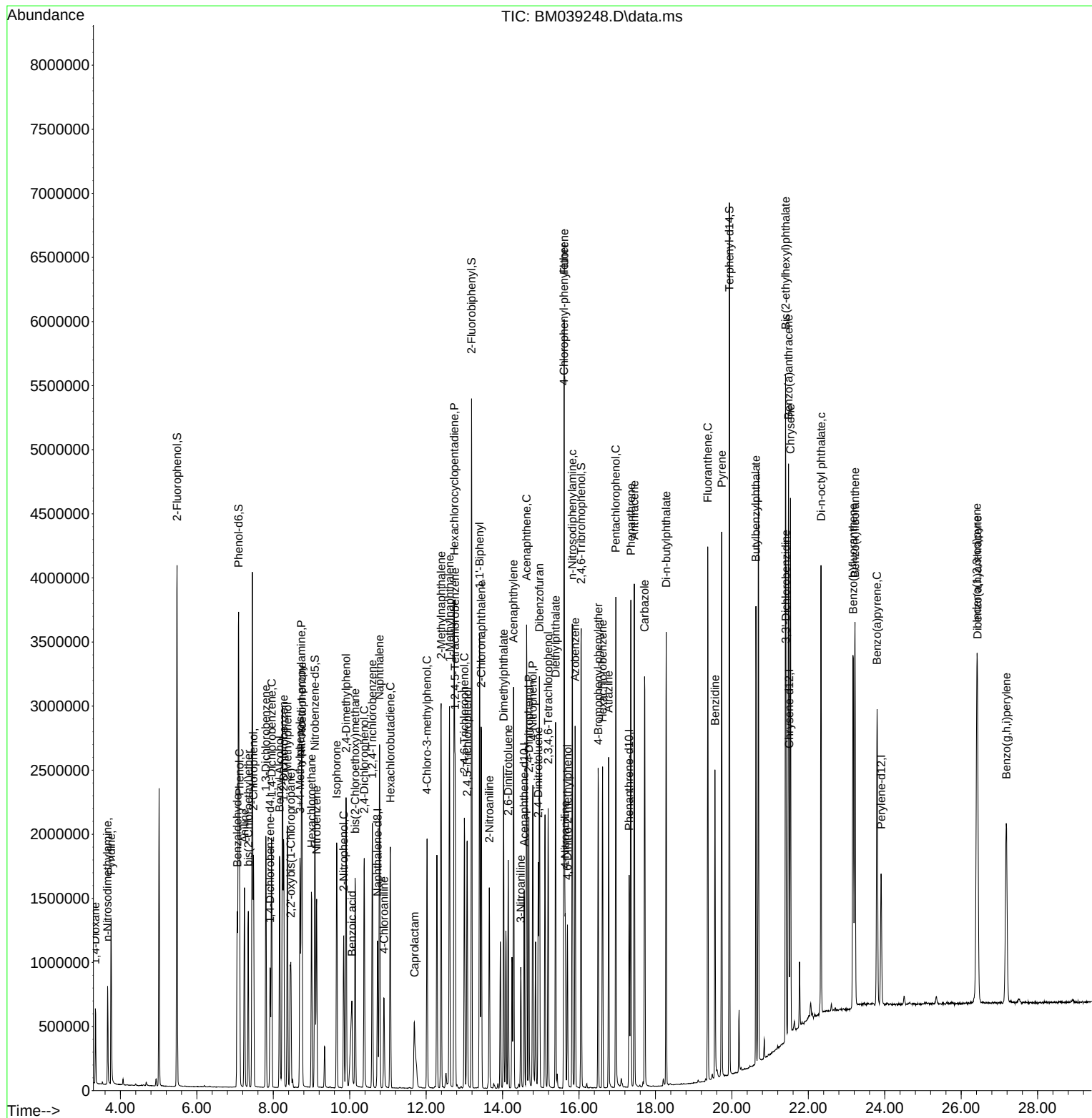
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.075 | 196  | 497613   | 40.124 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.398 | 154  | 1786747  | 44.410 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.445 | 162  | 1357022  | 44.546 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.651 | 65   | 415290   | 40.510 | ng    | 98       |
| 49) Acenaphthylene            | 14.286 | 152  | 2101317  | 41.969 | ng    | 99       |
| 50) Dimethylphthalate         | 14.027 | 163  | 1567372  | 39.918 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.145 | 165  | 345135   | 40.875 | ng    | 95       |
| 52) Acenaphthene              | 14.627 | 154  | 1251886  | 42.345 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.474 | 138  | 231839   | 23.751 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.686 | 184  | 424573   | 84.906 | ng    | 97       |
| 55) Dibenzofuran              | 14.963 | 168  | 1940511  | 40.769 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.792 | 139  | 630367   | 83.745 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.933 | 165  | 457438   | 40.048 | ng    | 93       |
| 58) Fluorene                  | 15.610 | 166  | 1535172  | 40.732 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.192 | 232  | 404883   | 41.037 | ng    | 100      |
| 60) Diethylphthalate          | 15.386 | 149  | 1531677  | 38.756 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.604 | 204  | 758622   | 40.614 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.639 | 138  | 356476   | 35.587 | ng    | 99       |
| 63) Azobenzene                | 15.898 | 77   | 1598959  | 40.382 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 198  | 256767   | 40.744 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.821 | 169  | 1291098  | 42.771 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.504 | 248  | 438221   | 42.836 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.615 | 284  | 496486   | 44.759 | ng    | 98       |
| 69) Atrazine                  | 16.774 | 200  | 411961   | 43.089 | ng    | 98       |
| 70) Pentachlorophenol         | 16.963 | 266  | 633869   | 79.649 | ng    | 100      |
| 71) Phenanthrene              | 17.357 | 178  | 2177555  | 41.505 | ng    | 100      |
| 72) Anthracene                | 17.445 | 178  | 2236075  | 41.799 | ng    | 100      |
| 73) Carbazole                 | 17.715 | 167  | 2023733  | 40.484 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.280 | 149  | 2458913  | 39.765 | ng    | 99       |
| 75) Fluoranthene              | 19.368 | 202  | 2306534  | 38.567 | ng    | 99       |
| 77) Benzidine                 | 19.556 | 184  | 1306521  | 68.282 | ng    | 100      |
| 78) Pyrene                    | 19.733 | 202  | 2390207  | 46.283 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.627 | 149  | 1006893  | 42.559 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.480 | 228  | 2115980  | 41.359 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.415 | 252  | 557384   | 32.704 | ng    | 99       |
| 83) Chrysene                  | 21.533 | 228  | 2004665  | 40.589 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.403 | 149  | 1427660  | 40.858 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.333 | 149  | 2365639  | 37.577 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.409 | 276  | 2210115  | 40.287 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.174 | 252  | 2055873  | 45.126 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.221 | 252  | 1969029  | 42.431 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.797 | 252  | 1782691  | 39.832 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.427 | 278  | 1860266  | 40.384 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.180 | 276  | 1783752  | 39.375 | ng    | 100      |

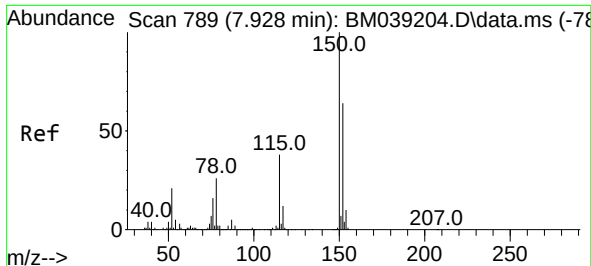
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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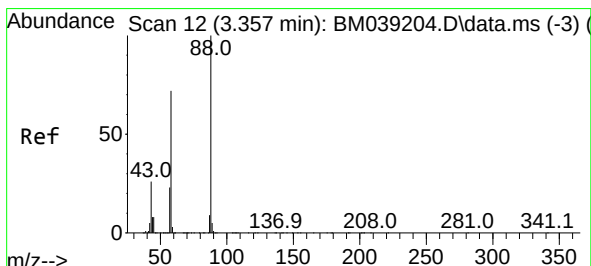
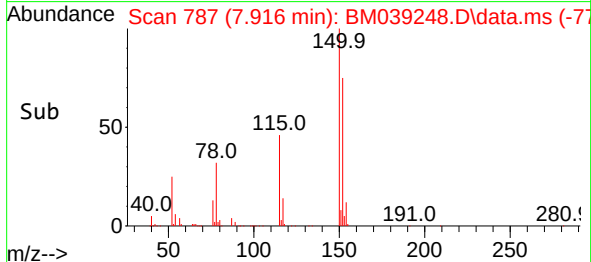
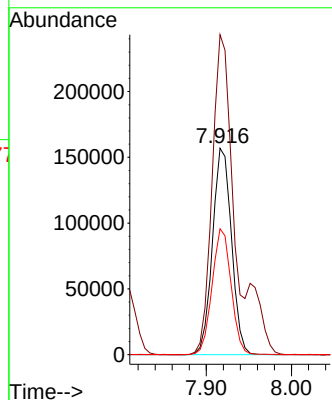
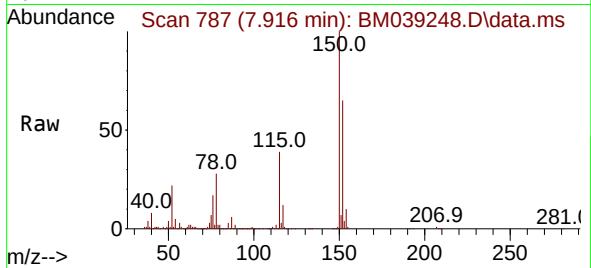




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.916 min Scan# 7  
Delta R.T. 0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

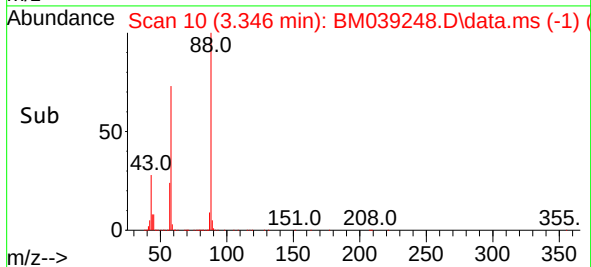
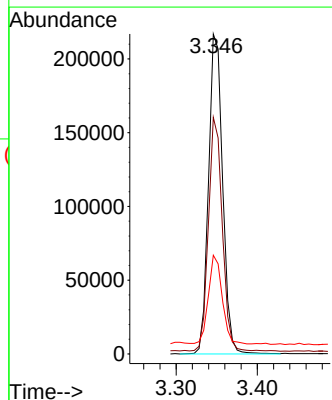
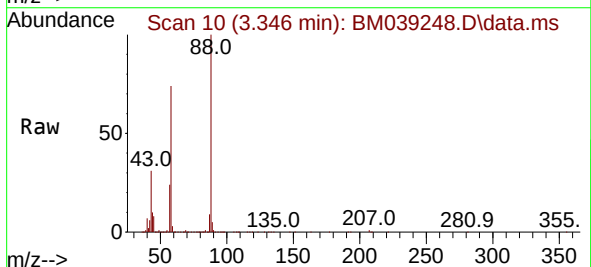
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

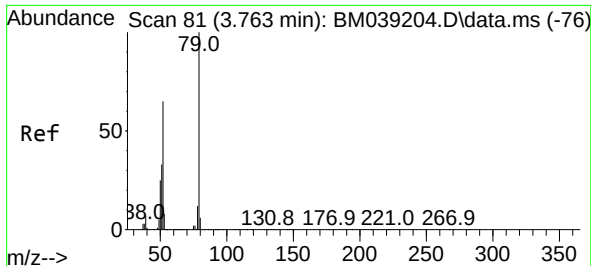
Tgt Ion:152 Resp: 243593  
Ion Ratio Lower Upper  
152 100  
150 155.0 125.5 188.3  
115 61.0 48.1 72.1



#2  
1,4-Dioxane  
Concen: 39.515 ng  
RT: 3.346 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion: 88 Resp: 261145  
Ion Ratio Lower Upper  
88 100  
58 71.8 57.9 86.9  
43 27.0 21.4 32.2



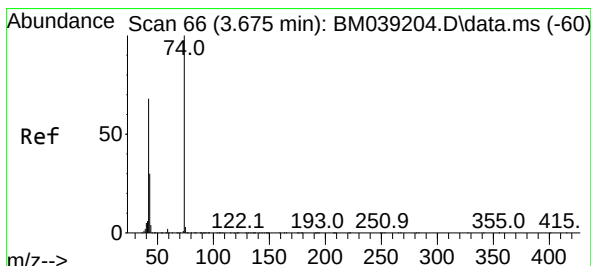
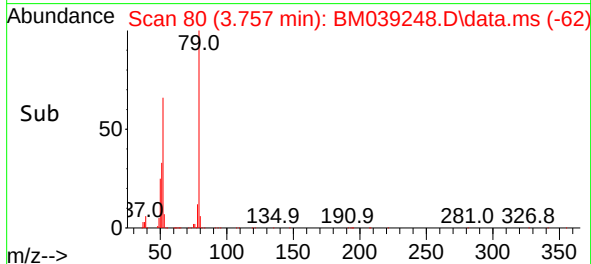
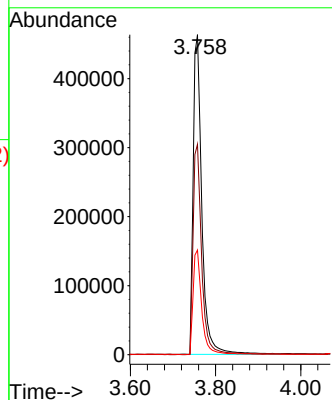
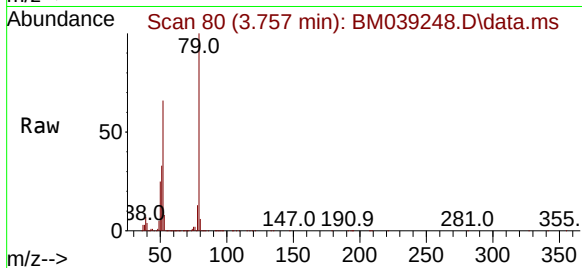


#3  
 Pyridine  
 Concen: 35.376 ng  
 RT: 3.757 min Scan# 80  
 Delta R.T. 0.006 min  
 Lab File: BM039248.D  
 Acq: 31 Mar 2023 11:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Tgt Ion: 79 Resp: 654957  

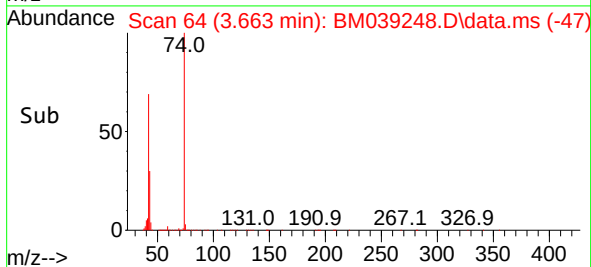
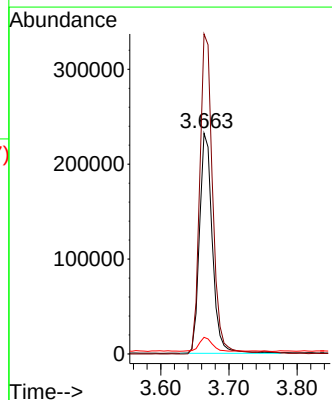
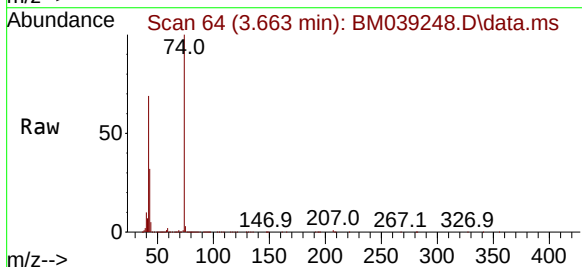
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 65.7  | 52.0  | 78.0  |
| 51  | 32.7  | 26.4  | 39.6  |

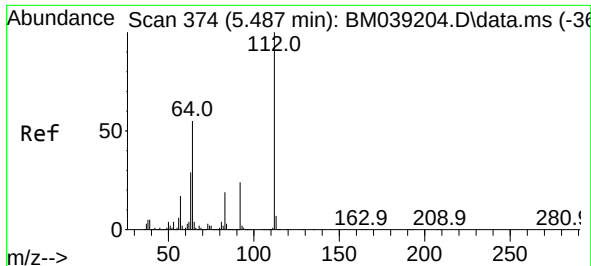


#4  
 n-Nitrosodimethylamine  
 Concen: 41.680 ng  
 RT: 3.663 min Scan# 64  
 Delta R.T. -0.000 min  
 Lab File: BM039248.D  
 Acq: 31 Mar 2023 11:44

Tgt Ion: 42 Resp: 303063  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 145.0 | 118.1 | 177.1 |
| 44  | 7.5   | 6.3   | 9.5   |

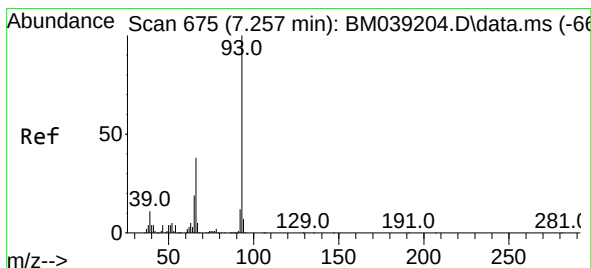
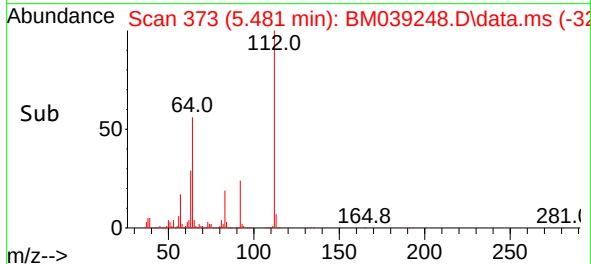
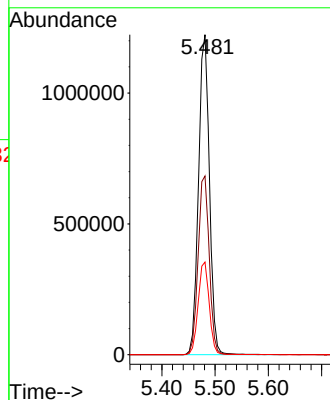
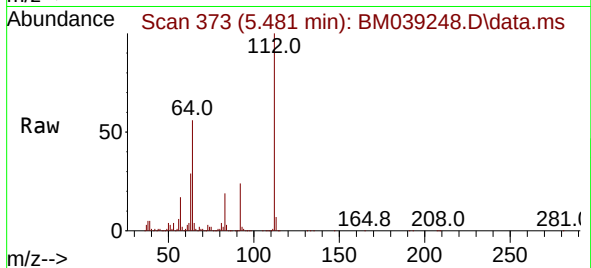




#5  
2-Fluorophenol  
Concen: 107.227 ng  
RT: 5.481 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

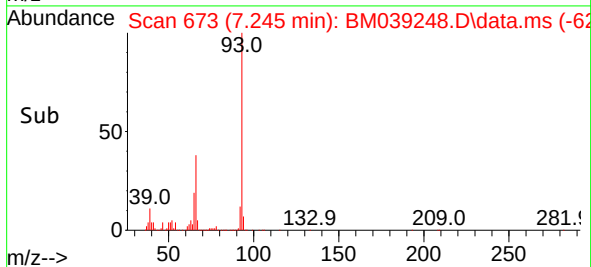
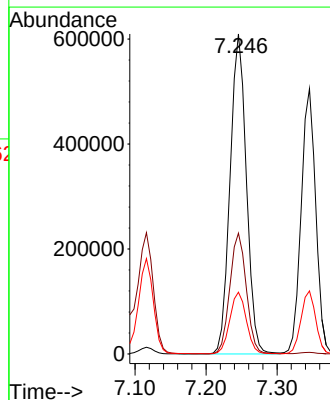
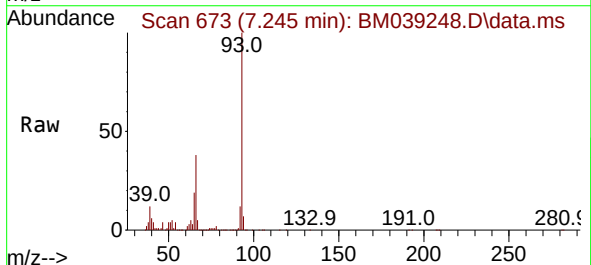
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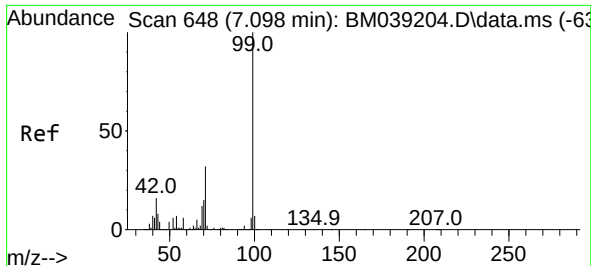
Tgt Ion:112 Resp: 1733677  
Ion Ratio Lower Upper  
112 100  
64 55.8 44.3 66.5  
63 29.0 23.0 34.6



#6  
Aniline  
Concen: 37.596 ng  
RT: 7.245 min Scan# 673  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion: 93 Resp: 973102  
Ion Ratio Lower Upper  
93 100  
66 37.7 30.1 45.1  
65 19.3 15.5 23.3

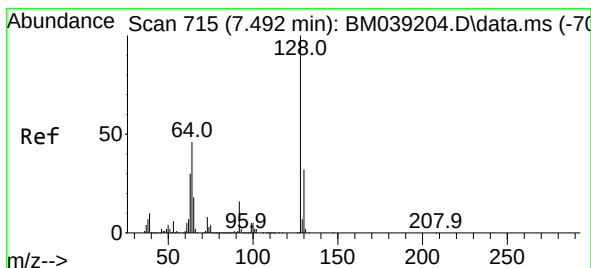
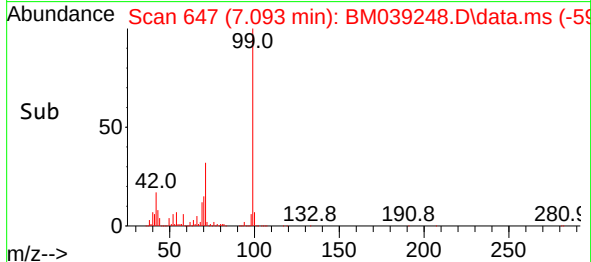
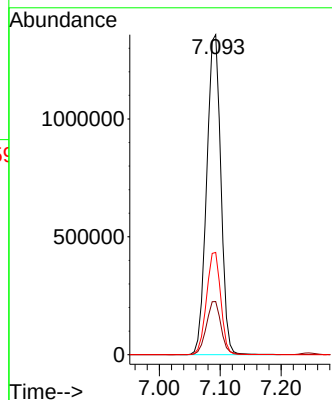
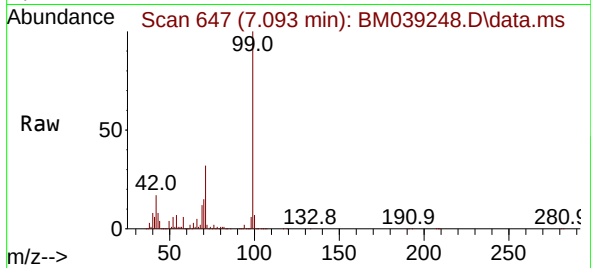




#7  
Phenol-d6  
Concen: 105.095 ng  
RT: 7.093 min Scan# 647  
Delta R.T. 0.006 min  
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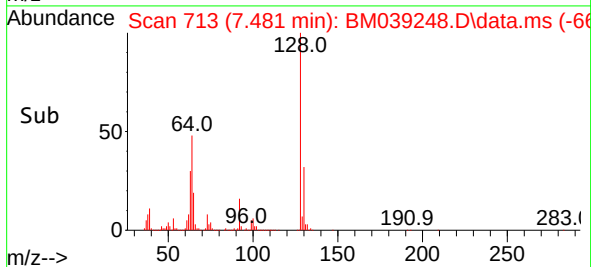
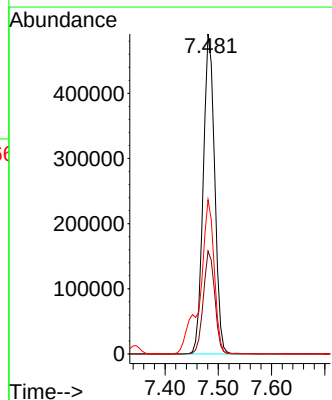
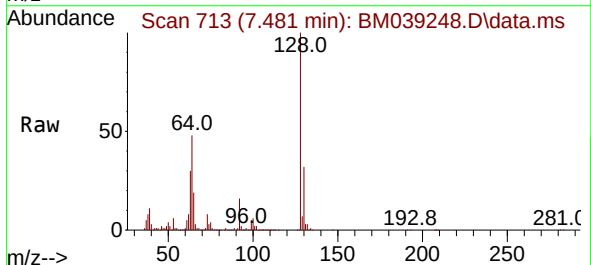
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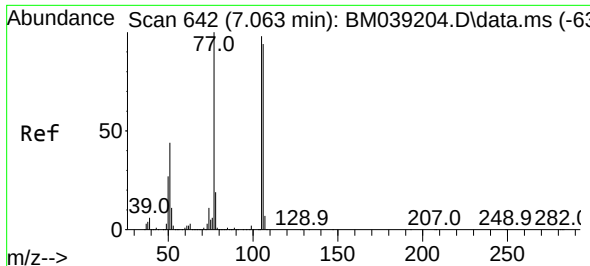
Tgt Ion: 99 Resp: 2197803  
Ion Ratio Lower Upper  
99 100  
42 16.6 13.0 19.6  
71 32.0 25.5 38.3



#8  
2-Chlorophenol  
Concen: 44.292 ng  
RT: 7.481 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:128 Resp: 732963  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.2 52.2  
64 48.2 25.9 65.9

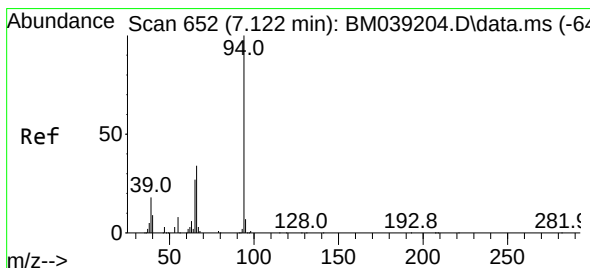
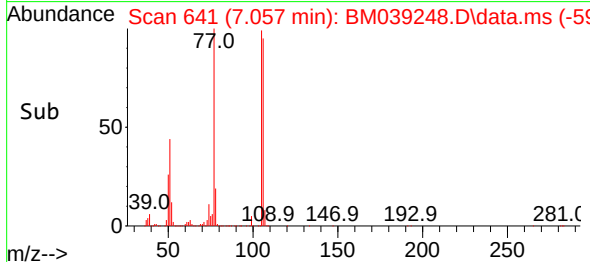
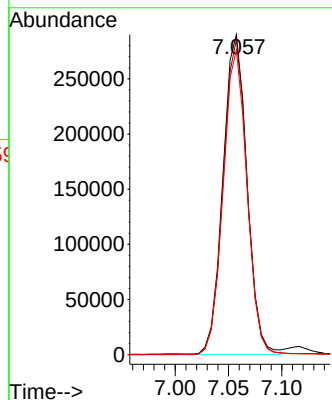
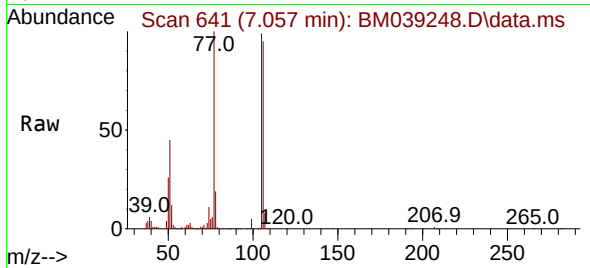




#9  
Benzaldehyde  
Concen: 38.106 ng  
RT: 7.057 min Scan# 641  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

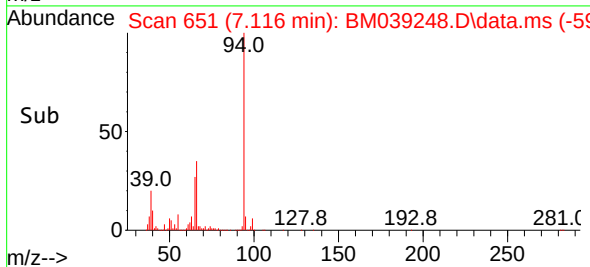
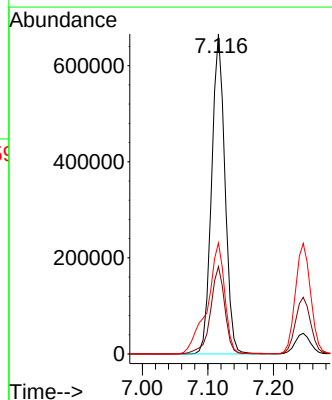
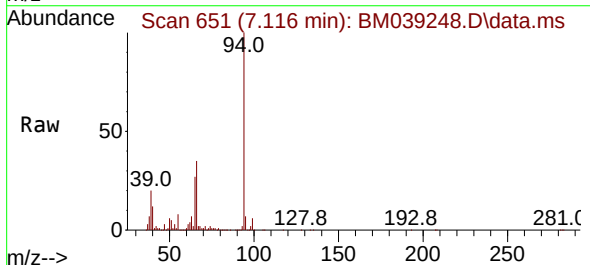
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

Tgt Ion: 77 Resp: 453824  
Ion Ratio Lower Upper  
77 100  
105 98.5 78.2 118.2  
106 95.3 73.8 113.8

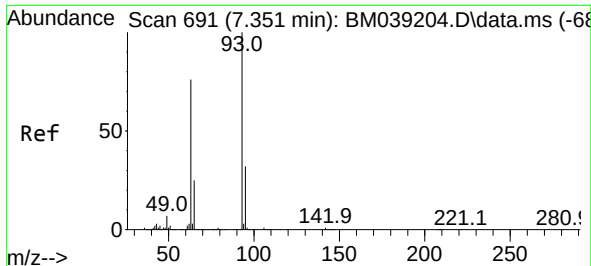


#10  
Phenol  
Concen: 44.896 ng  
RT: 7.116 min Scan# 651  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion: 94 Resp: 940895  
Ion Ratio Lower Upper  
94 100  
65 27.3 7.2 47.2  
66 34.7 15.2 55.2



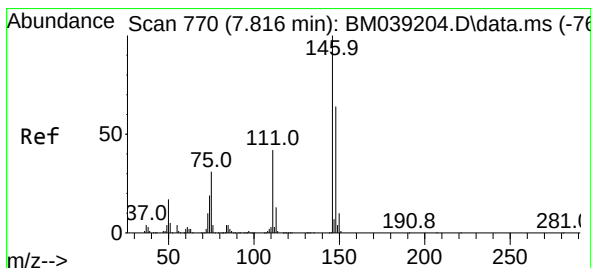
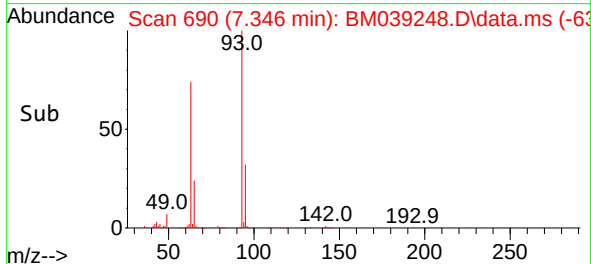
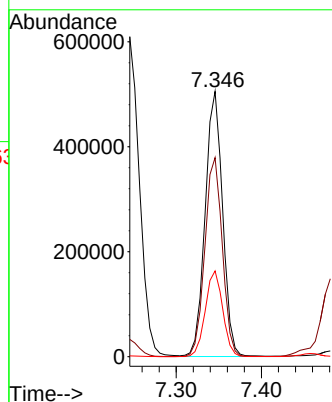
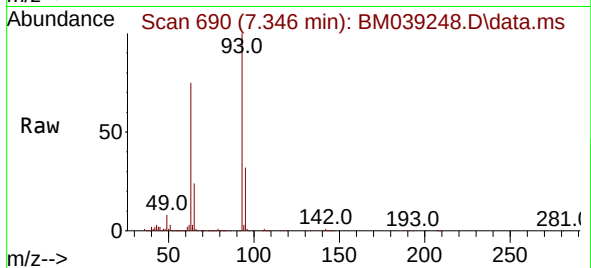




#11  
bis(2-Chloroethyl)ether  
Concen: 42.704 ng  
RT: 7.346 min Scan# 691  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

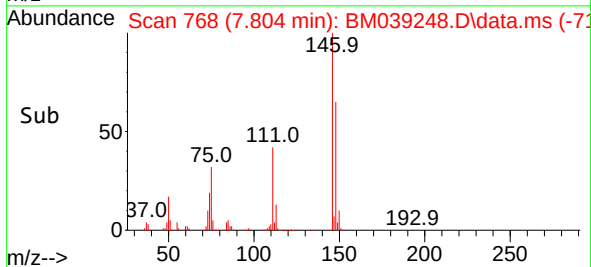
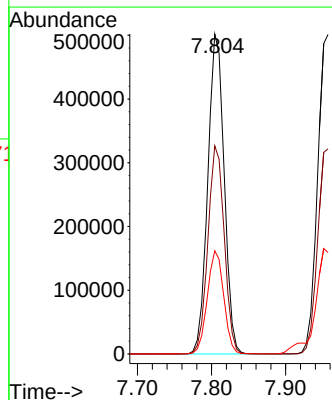
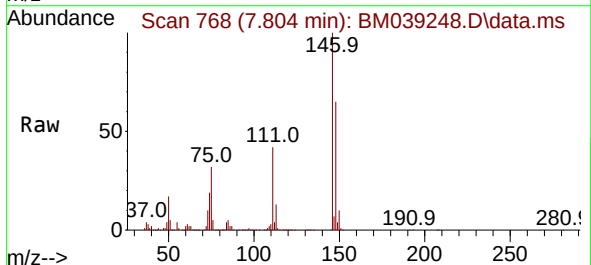
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

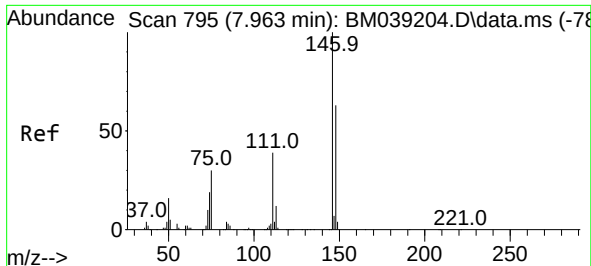
Tgt Ion: 93 Resp: 719975  
Ion Ratio Lower Upper  
93 100  
63 75.0 55.5 95.5  
95 32.3 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 43.900 ng  
RT: 7.804 min Scan# 768  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:146 Resp: 770441  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.2 76.8  
75 32.2 25.2 37.8

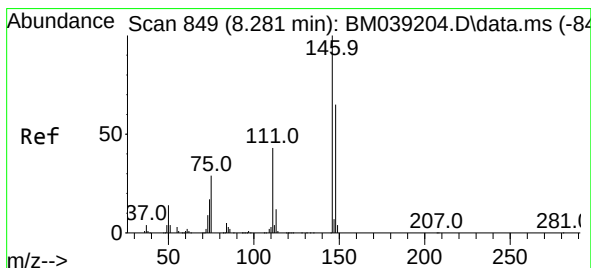
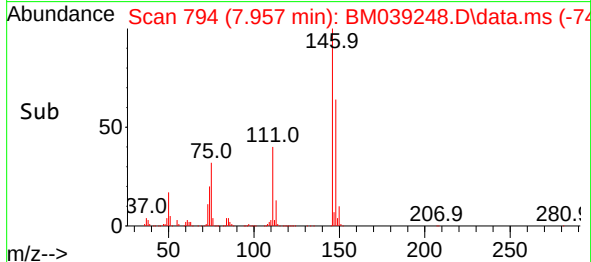
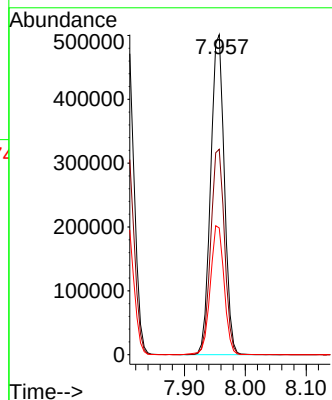
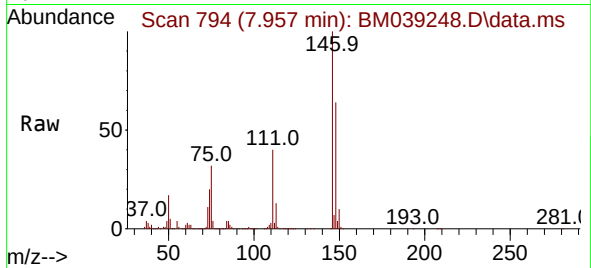




#13  
1,4-Dichlorobenzene  
Concen: 44.080 ng  
RT: 7.957 min Scan# 794  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

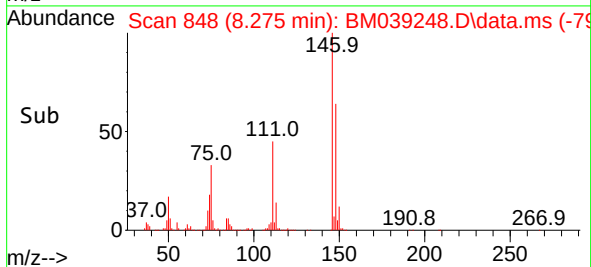
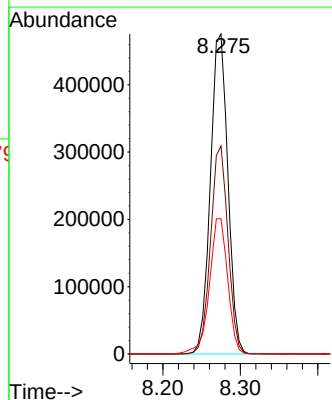
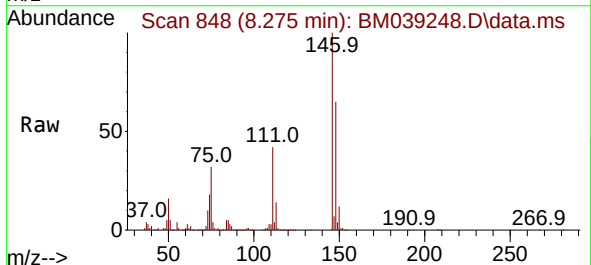
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

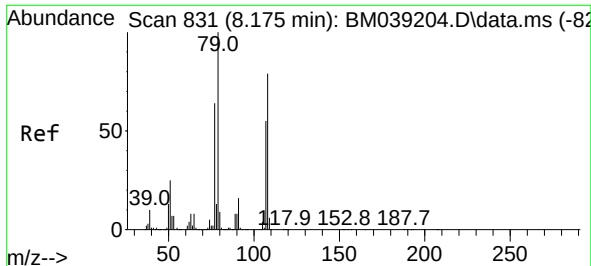
Tgt Ion:146 Resp: 782231  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.8 76.2  
111 39.6 31.5 47.3



#14  
1,2-Dichlorobenzene  
Concen: 43.988 ng  
RT: 8.275 min Scan# 848  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:146 Resp: 746415  
Ion Ratio Lower Upper  
146 100  
148 65.0 52.1 78.1  
111 42.2 34.5 51.7

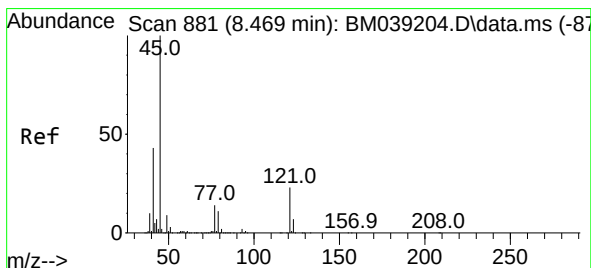
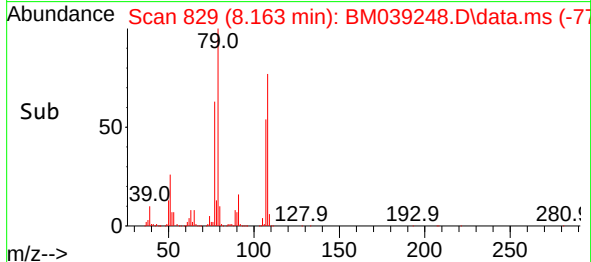
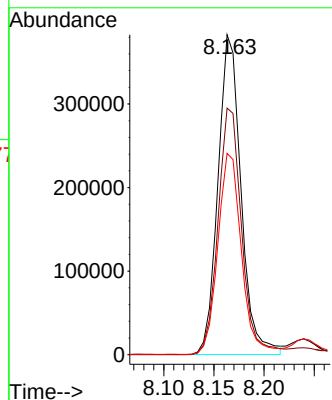
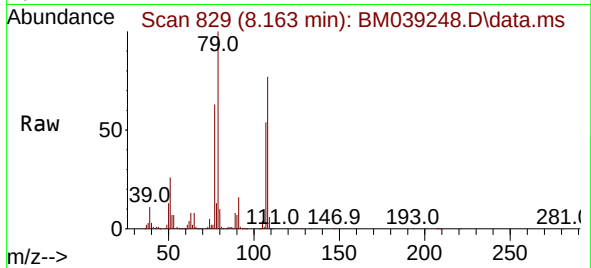




#15  
Benzyl Alcohol  
Concen: 42.491 ng  
RT: 8.163 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

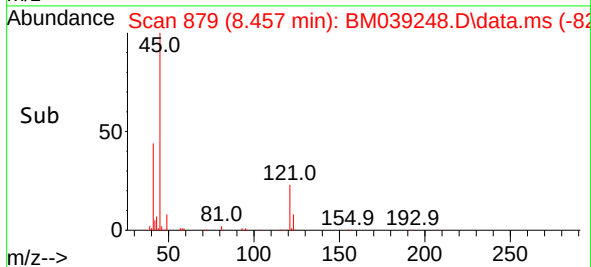
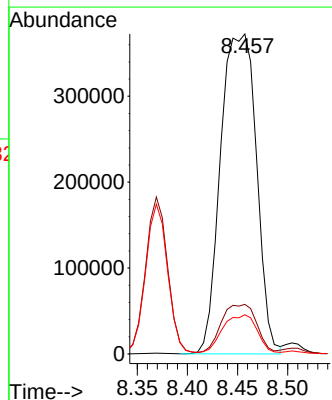
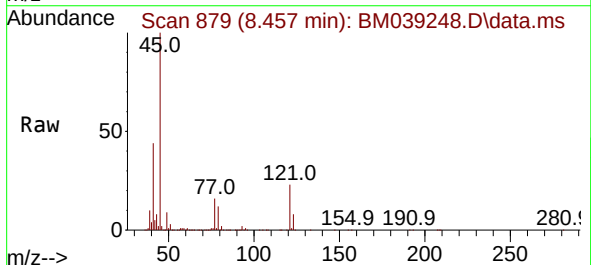
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

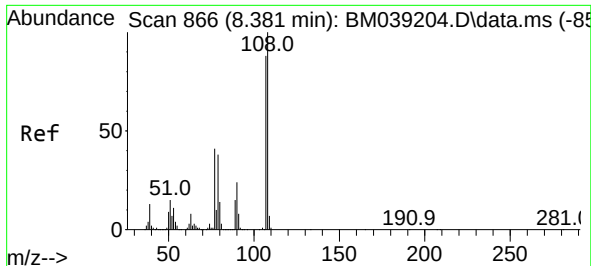
Tgt Ion: 79 Resp: 611183  
Ion Ratio Lower Upper  
79 100  
108 77.1 63.4 95.0  
77 62.9 51.5 77.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.944 ng  
RT: 8.457 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion: 45 Resp: 926068  
Ion Ratio Lower Upper  
45 100  
77 15.5 0.0 35.1  
79 12.3 0.0 32.2

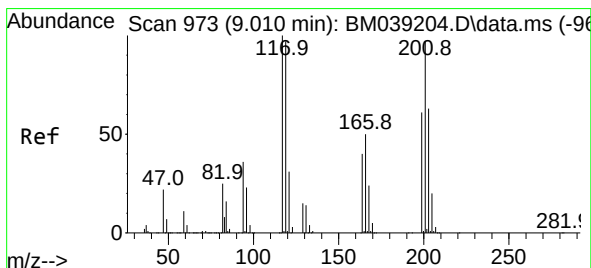
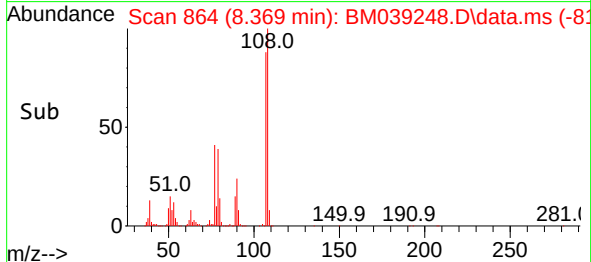
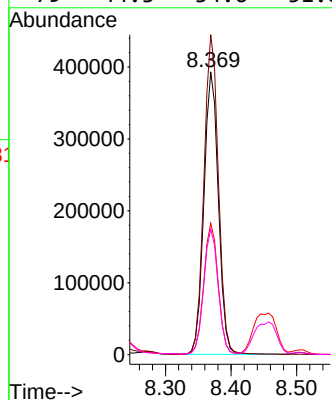
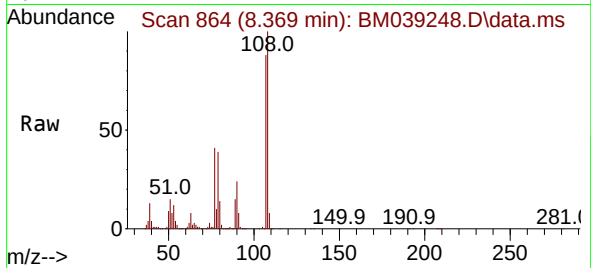




#17  
2-Methylphenol  
Concen: 41.126 ng  
RT: 8.369 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

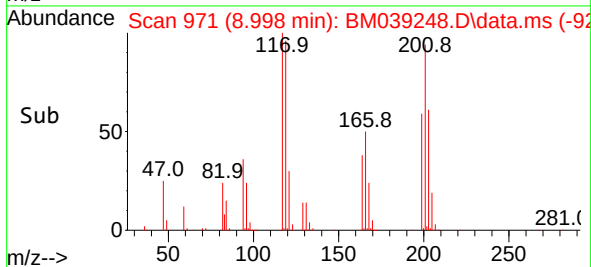
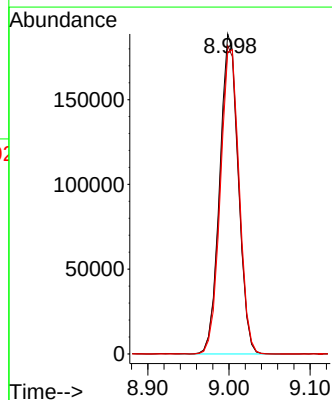
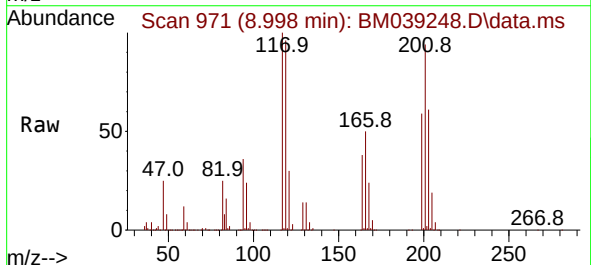
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

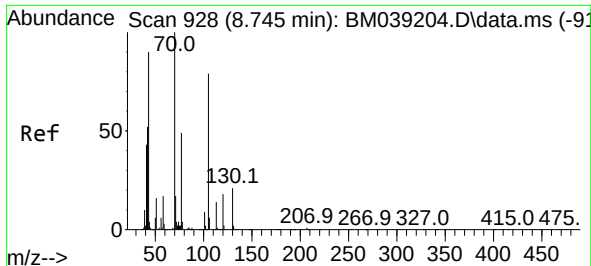
Tgt Ion:107 Resp: 603011  
Ion Ratio Lower Upper  
107 100  
108 113.1 90.6 136.0  
77 46.4 37.0 55.4  
79 44.3 34.6 51.8



#18  
Hexachloroethane  
Concen: 43.986 ng  
RT: 8.998 min Scan# 971  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:117 Resp: 301938  
Ion Ratio Lower Upper  
117 100  
119 96.3 77.8 116.8  
201 94.3 77.3 115.9

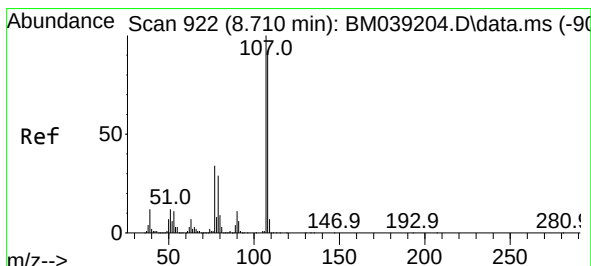
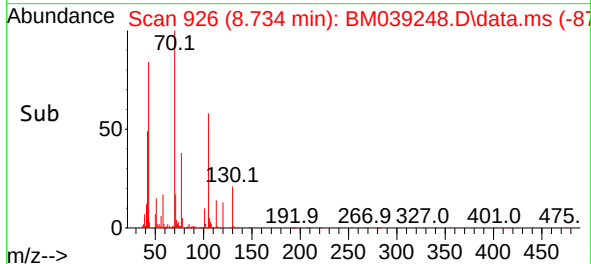
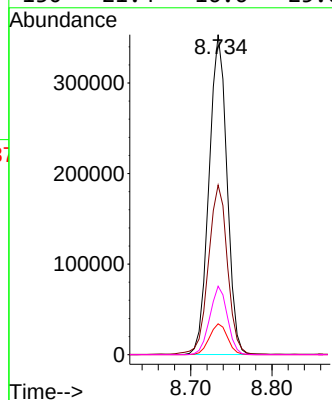
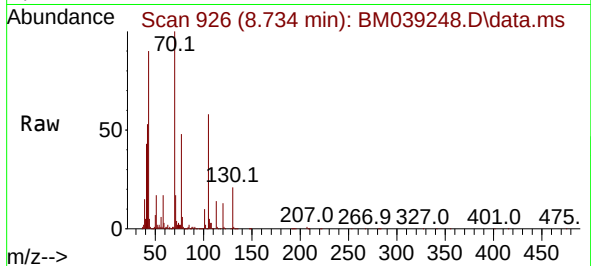




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.437 ng  
RT: 8.734 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

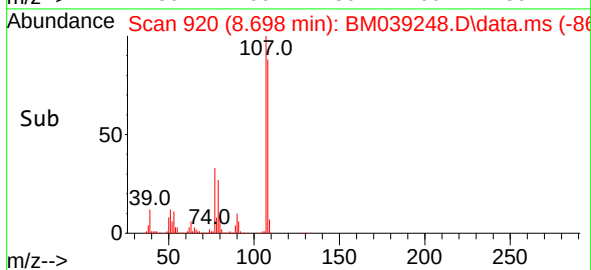
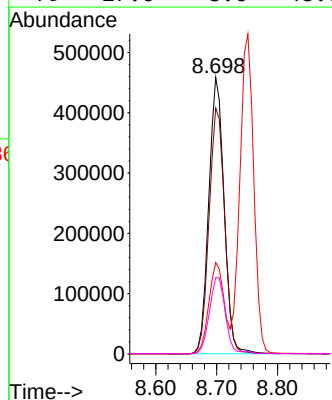
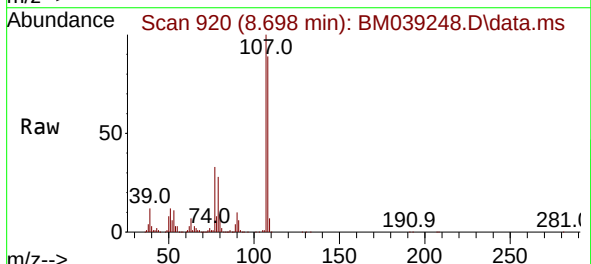
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

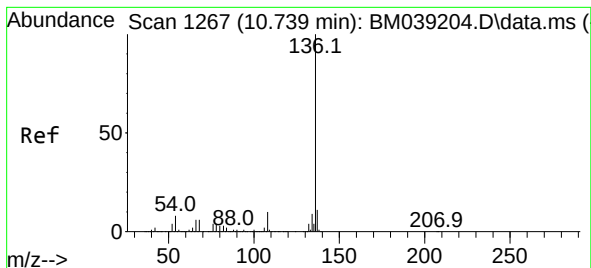
Tgt Ion: 70 Resp: 540568  
Ion Ratio Lower Upper  
70 100  
42 53.0 42.2 63.2  
101 9.7 7.6 11.4  
130 21.4 16.6 25.0



#20  
3+4-Methylphenols  
Concen: 40.850 ng  
RT: 8.698 min Scan# 920  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion: 107 Resp: 804854  
Ion Ratio Lower Upper  
107 100  
108 88.9 72.1 112.1  
77 33.1 13.7 53.7  
79 27.6 8.6 48.6

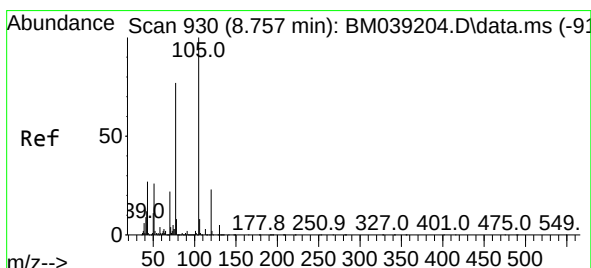
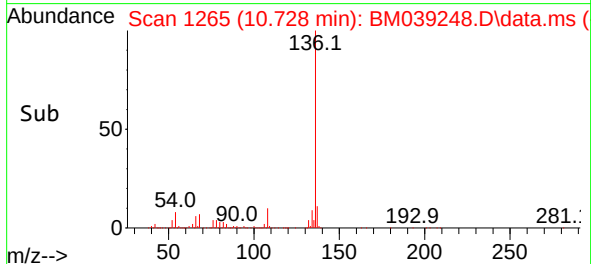
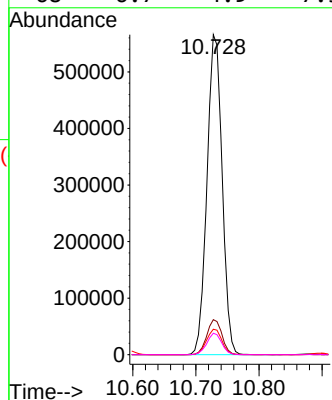
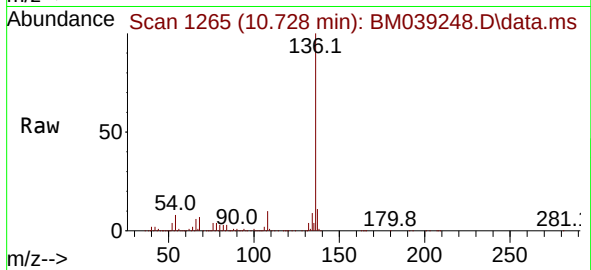




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.728 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

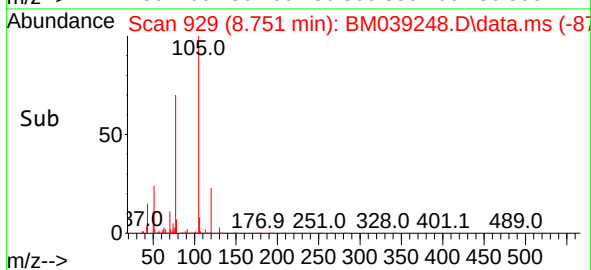
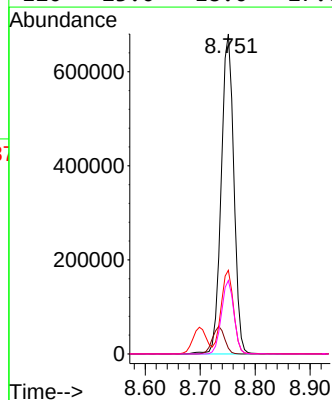
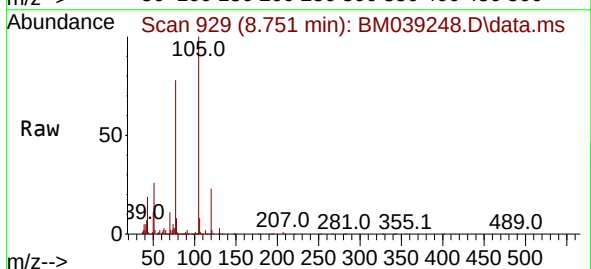
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

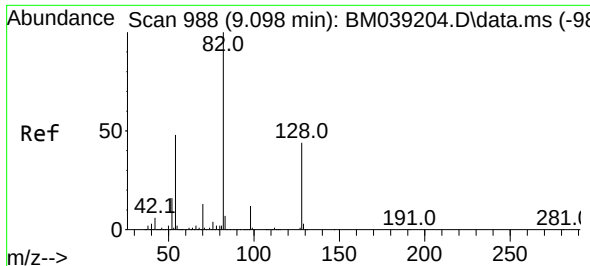
Tgt Ion:136 Resp: 941366  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 7.9 6.2 9.4  
68 6.7 4.9 7.3



#22  
Acetophenone  
Concen: 43.053 ng  
RT: 8.751 min Scan# 929  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:105 Resp: 1083625  
Ion Ratio Lower Upper  
105 100  
71 1.8 2.8 4.2#  
51 26.2 20.6 31.0  
120 23.0 18.0 27.0

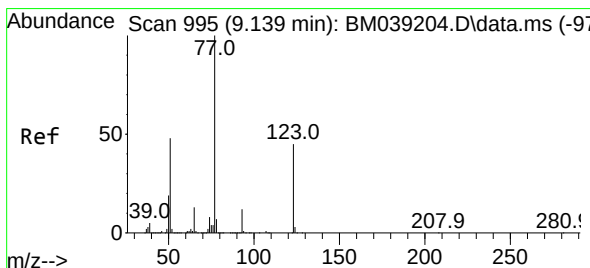
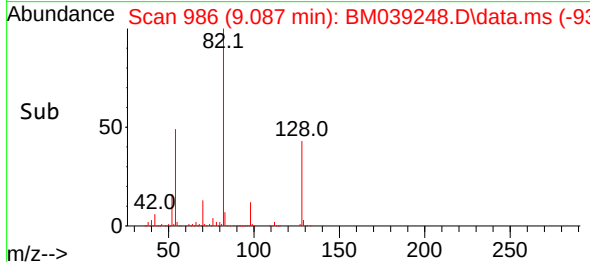
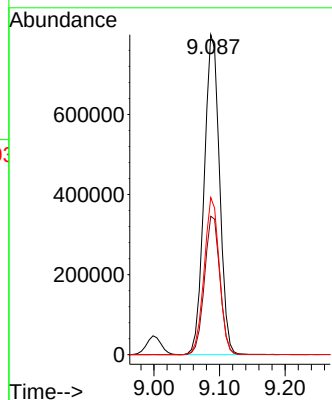
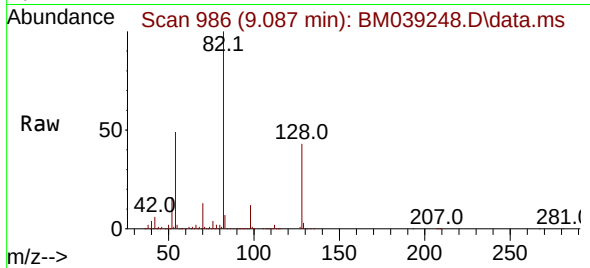




#23  
Nitrobenzene-d5  
Concen: 67.427 ng  
RT: 9.087 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

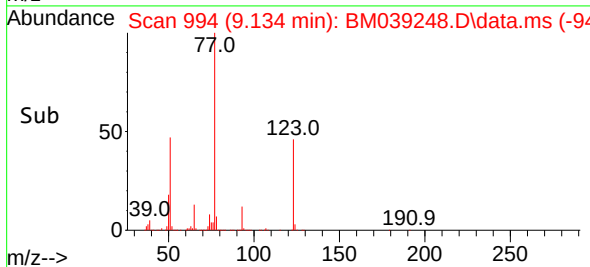
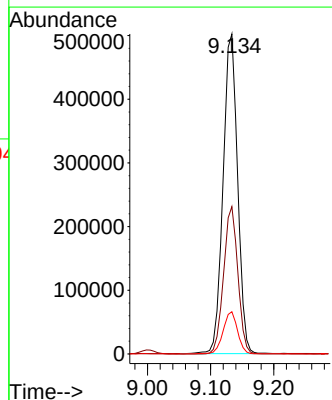
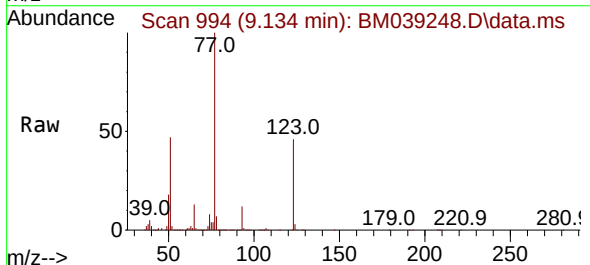
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

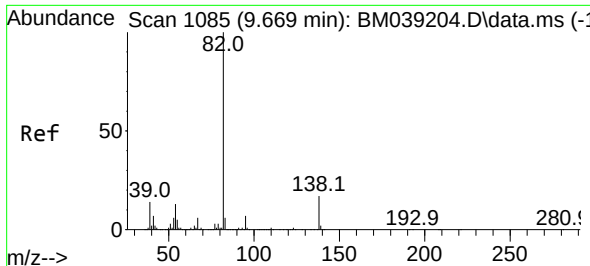
Tgt Ion: 82 Resp: 1305967  
Ion Ratio Lower Upper  
82 100  
128 43.2 35.1 52.7  
54 49.1 38.5 57.7



#24  
Nitrobenzene  
Concen: 41.619 ng  
RT: 9.134 min Scan# 994  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion: 77 Resp: 801791  
Ion Ratio Lower Upper  
77 100  
123 46.0 36.2 54.2  
65 13.2 10.6 15.8

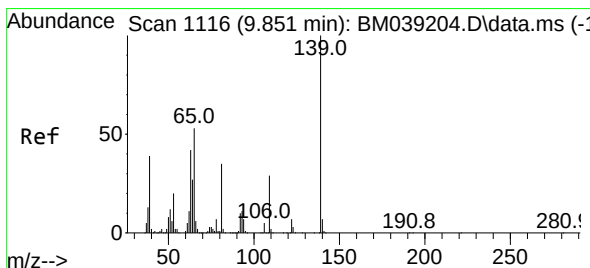
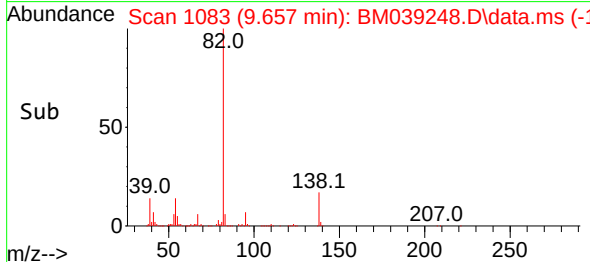
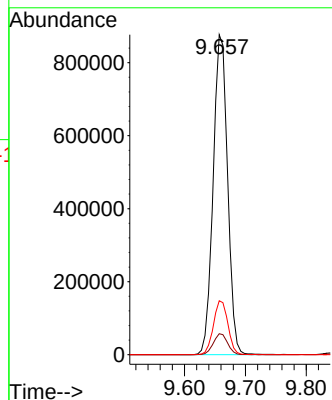
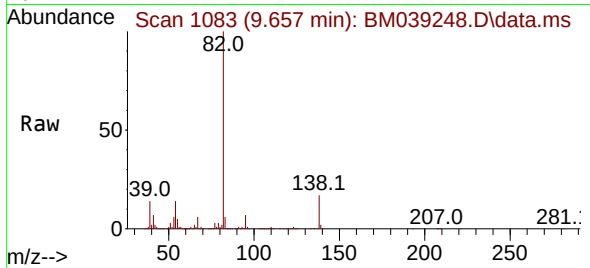




#25  
Isophorone  
Concen: 39.977 ng  
RT: 9.657 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

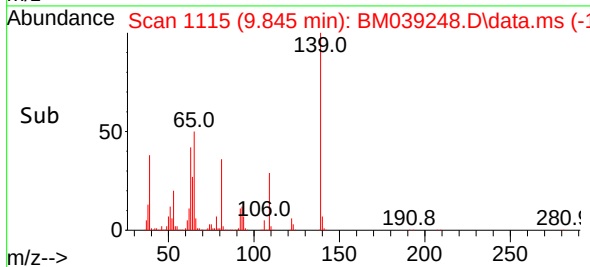
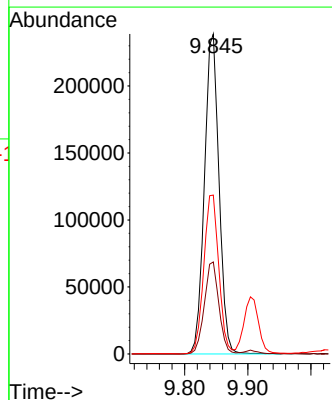
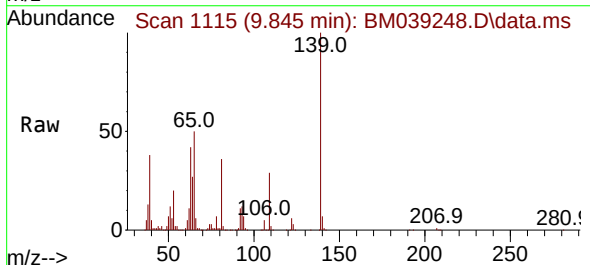
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

Tgt Ion: 82 Resp: 1444506  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.2 7.8  
138 16.9 13.5 20.3

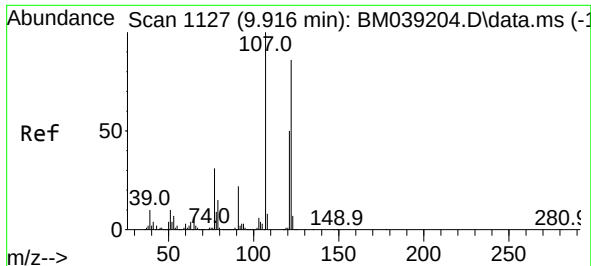


#26  
2-Nitrophenol  
Concen: 42.996 ng  
RT: 9.845 min Scan# 1115  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:139 Resp: 382905  
Ion Ratio Lower Upper  
139 100  
109 28.8 23.4 35.0  
65 49.6 42.2 63.2







#27

2,4-Dimethylphenol

Concen: 44.346 ng

RT: 9.904 min Scan# 1125

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

Instrument :

BNA\_M

ClientSampleId :

PB151658BS

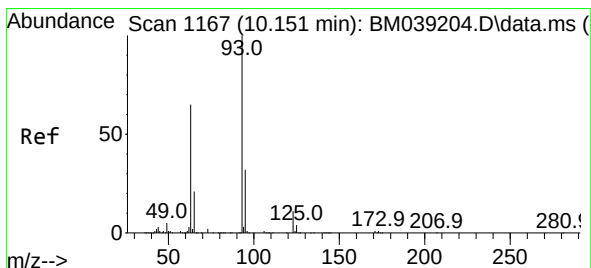
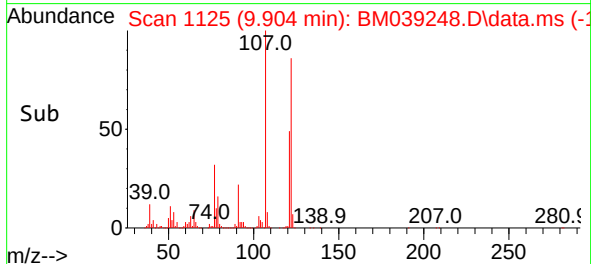
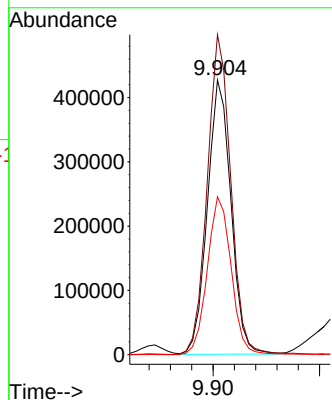
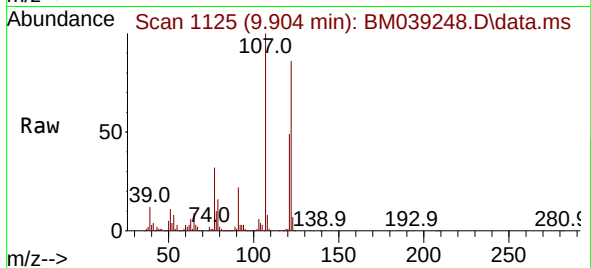
Tgt Ion:122 Resp: 656184

Ion Ratio Lower Upper

122 100

107 116.5 92.3 138.5

121 57.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.096 ng

RT: 10.139 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

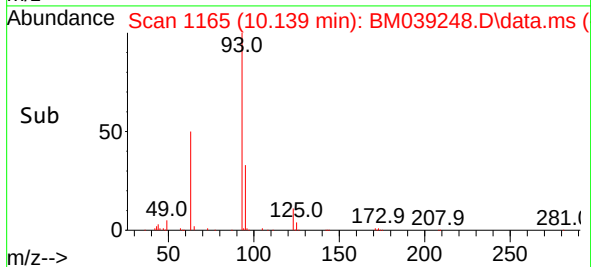
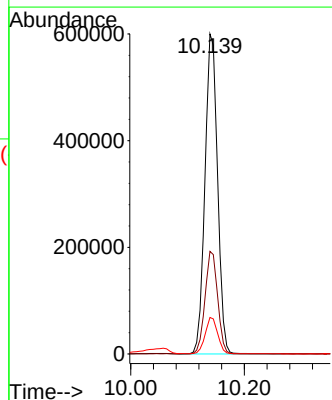
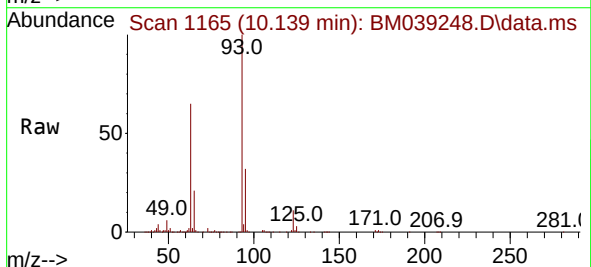
Tgt Ion: 93 Resp: 920768

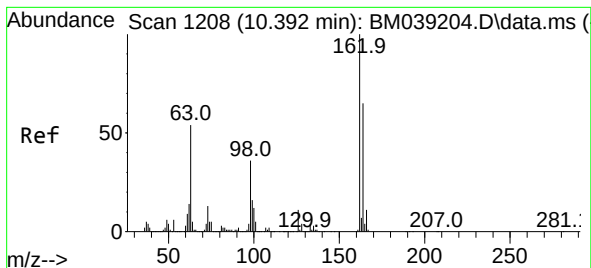
Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.8

123 11.4 9.1 13.7

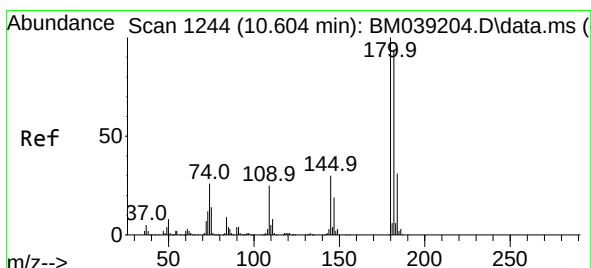
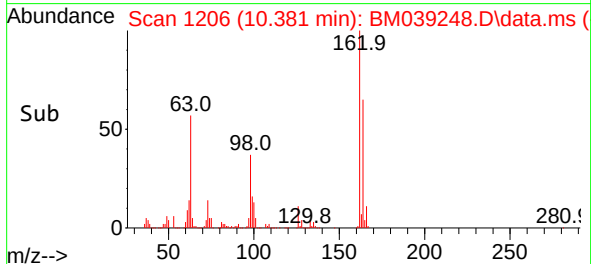
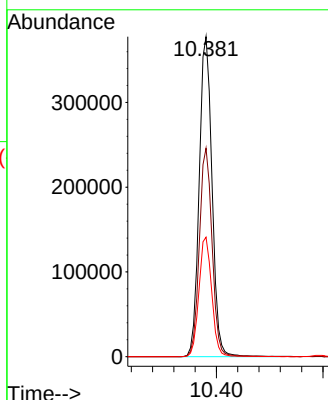
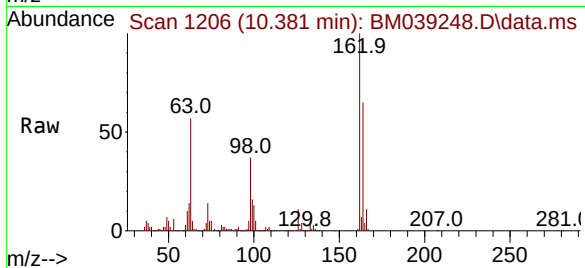




#29  
2,4-Dichlorophenol  
Concen: 43.613 ng  
RT: 10.381 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

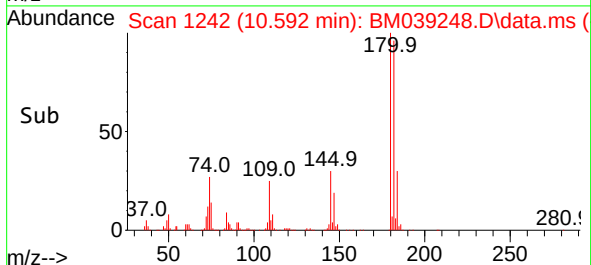
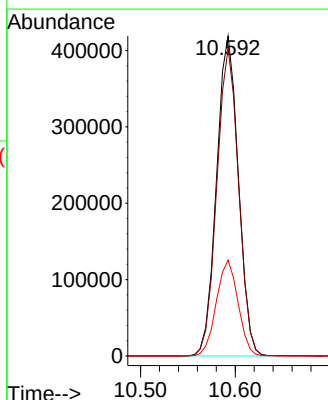
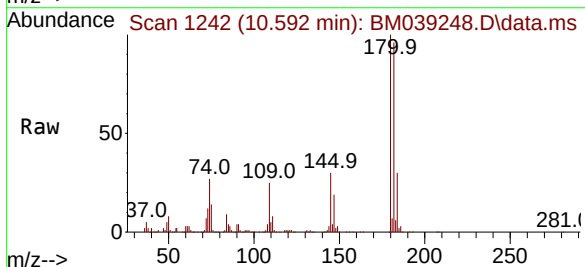
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BNA\_M  
ClientSampleId :  
PB151658BS

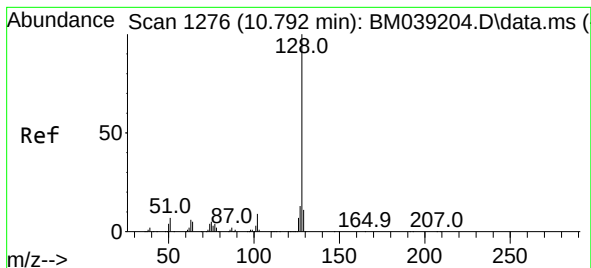
Tgt Ion:162 Resp: 629633  
Ion Ratio Lower Upper  
162 100  
164 65.2 44.8 84.8  
98 37.3 16.0 56.0



#30  
1,2,4-Trichlorobenzene  
Concen: 43.459 ng  
RT: 10.592 min Scan# 1242  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:180 Resp: 671232  
Ion Ratio Lower Upper  
180 100  
182 96.1 75.2 112.8  
145 30.0 23.9 35.9

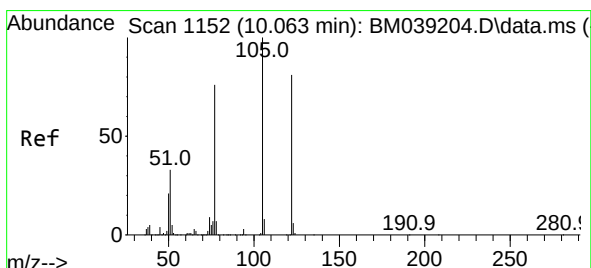
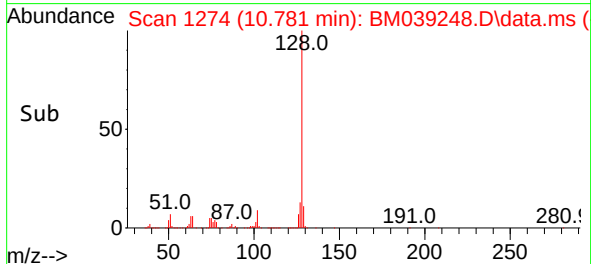
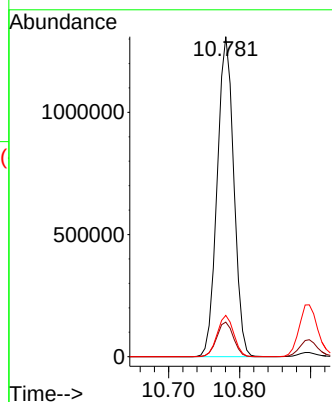
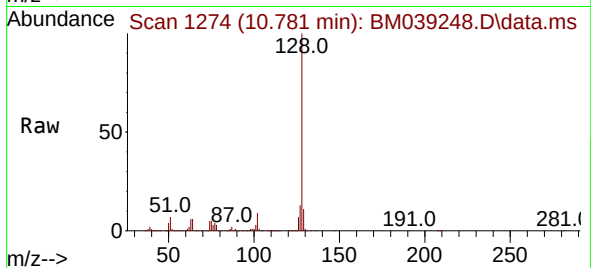




#31  
Naphthalene  
Concen: 41.740 ng  
RT: 10.781 min Scan# 1151  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

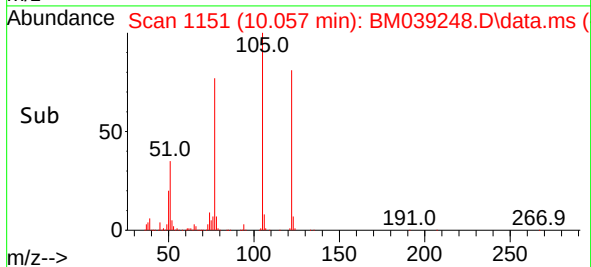
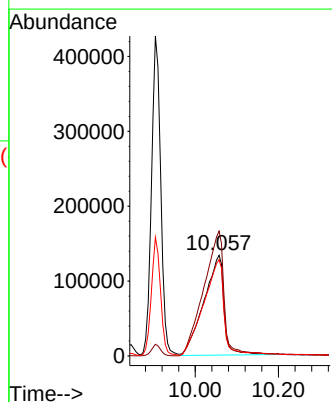
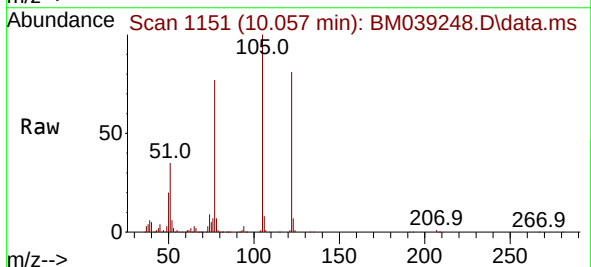
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

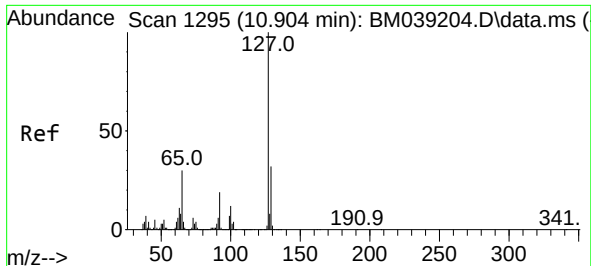
Tgt Ion:128 Resp: 2117229  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 13.0  
127 12.9 10.3 15.5



#32  
Benzoic acid  
Concen: 38.910 ng  
RT: 10.057 min Scan# 1151  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:122 Resp: 448740  
Ion Ratio Lower Upper  
122 100  
105 124.0 103.1 143.1  
77 95.7 74.6 114.6

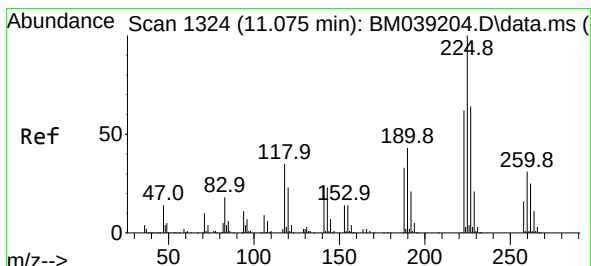
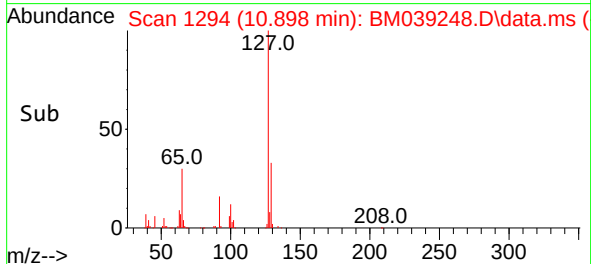
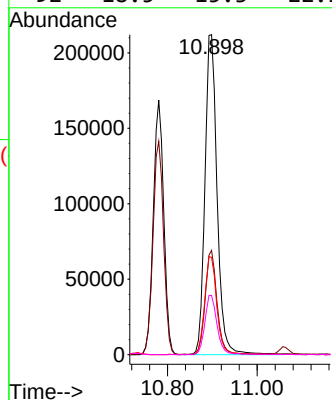
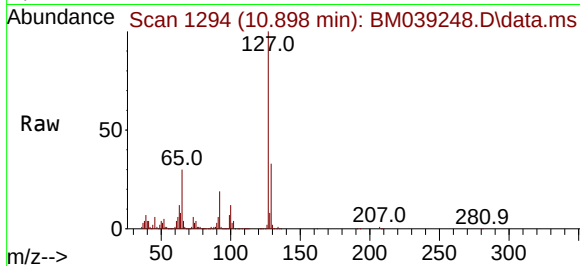




#33  
4-Chloroaniline  
Concen: 17.970 ng  
RT: 10.898 min Scan# 1294  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

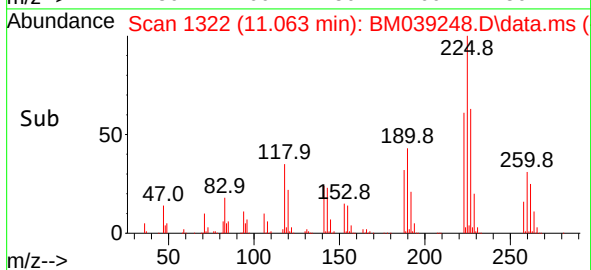
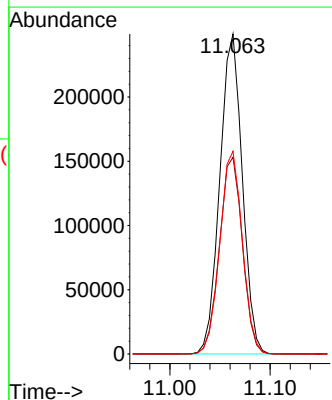
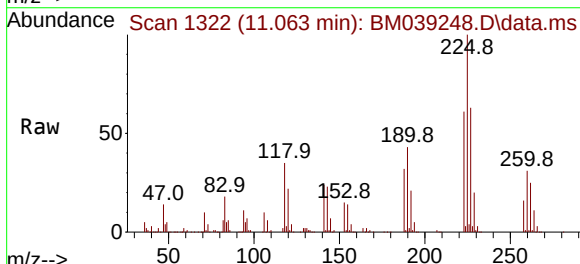
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

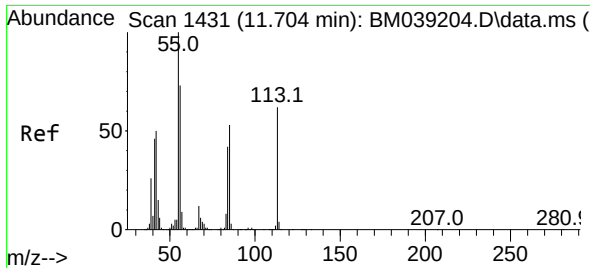
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 399327 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 25.7  | 38.5   |
| 65       | 30.4  | 24.1  | 36.1   |
| 92       | 18.5  | 15.3  | 22.9   |



#34  
Hexachlorobutadiene  
Concen: 42.548 ng  
RT: 11.063 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 386413 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.4  | 49.8  | 74.6   |
| 227      | 63.3  | 51.6  | 77.4   |

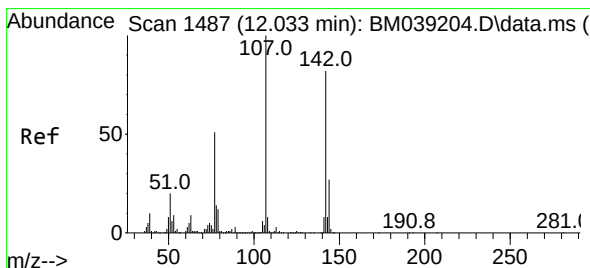
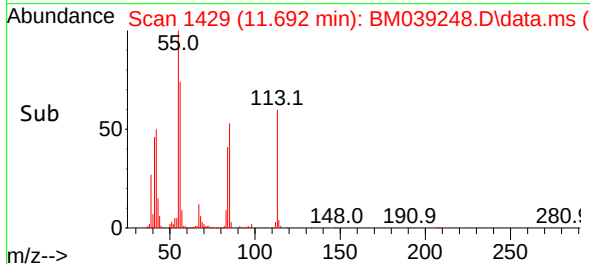
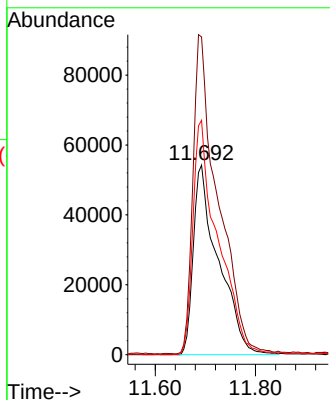
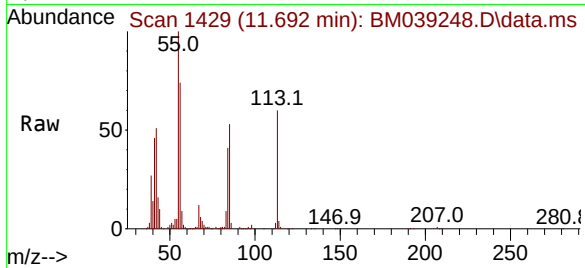




#35  
 Caprolactam  
 Concen: 37.523 ng  
 RT: 11.692 min Scan# 1429  
 Delta R.T. -0.000 min  
 Lab File: BM039248.D  
 Acq: 31 Mar 2023 11:44

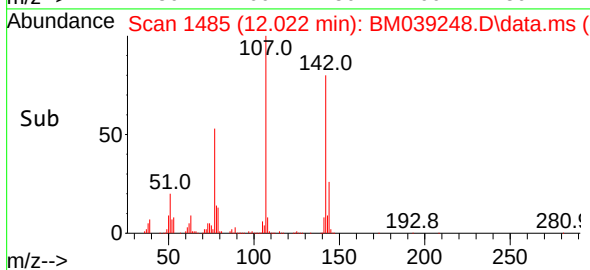
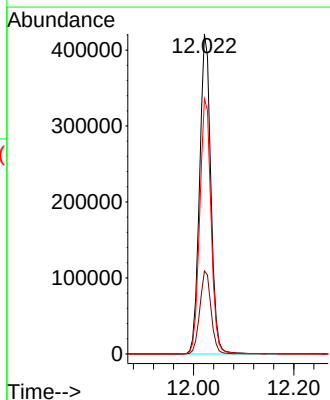
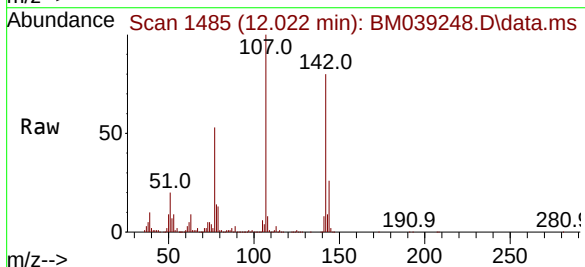
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB151658BS

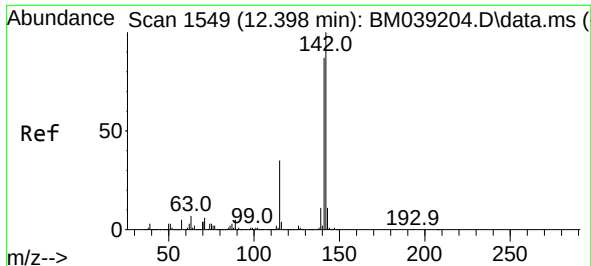
Tgt Ion:113 Resp: 188093  
 Ion Ratio Lower Upper  
 113 100  
 55 167.6 141.8 181.8  
 56 123.7 98.3 138.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.176 ng  
 RT: 12.022 min Scan# 1485  
 Delta R.T. -0.000 min  
 Lab File: BM039248.D  
 Acq: 31 Mar 2023 11:44

Tgt Ion:107 Resp: 655872  
 Ion Ratio Lower Upper  
 107 100  
 144 25.9 21.4 32.2  
 142 79.7 65.2 97.8

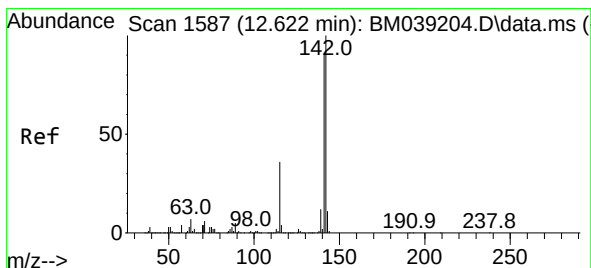
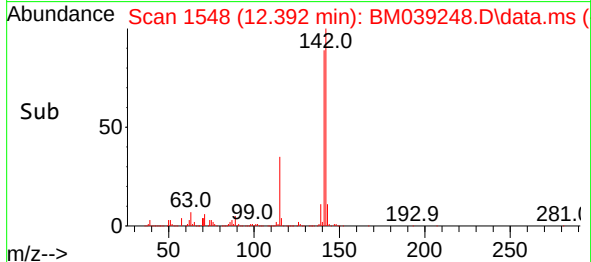
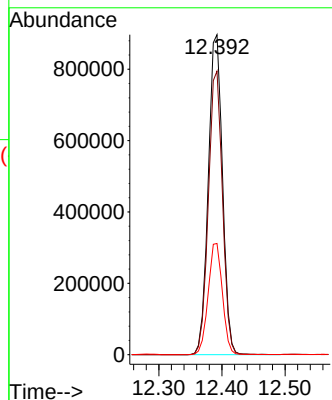
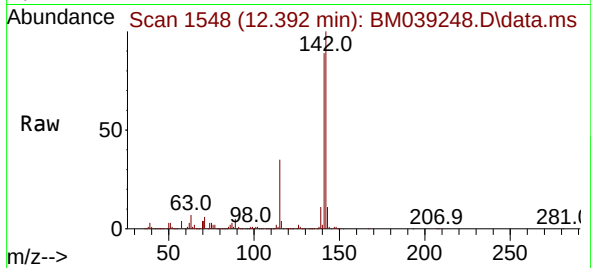




#37  
2-Methylnaphthalene  
Concen: 39.655 ng  
RT: 12.392 min Scan# 1548  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

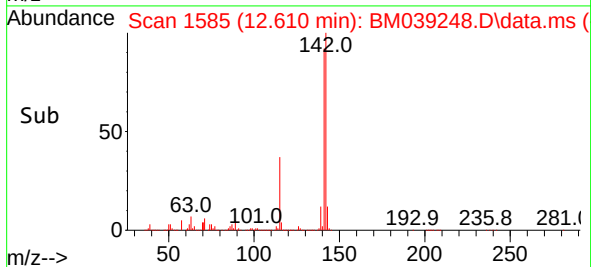
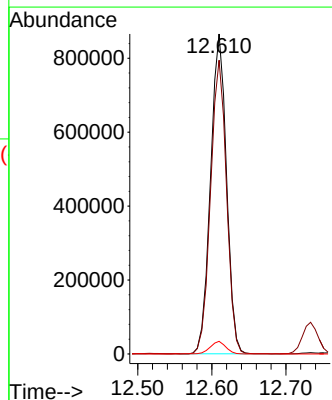
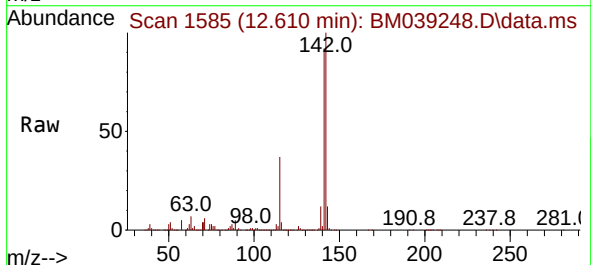
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

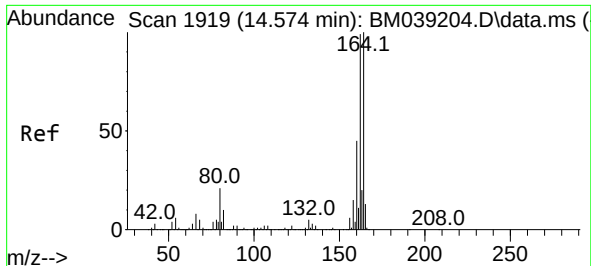
Tgt Ion:142 Resp: 1400279  
Ion Ratio Lower Upper  
142 100  
141 88.6 69.8 104.8  
115 34.7 27.8 41.8



#38  
1-Methylnaphthalene  
Concen: 39.198 ng  
RT: 12.610 min Scan# 1585  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:142 Resp: 1296046  
Ion Ratio Lower Upper  
142 100  
141 91.8 73.2 109.8  
116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

Instrument :

BNA\_M

ClientSampleId :

PB151658BS

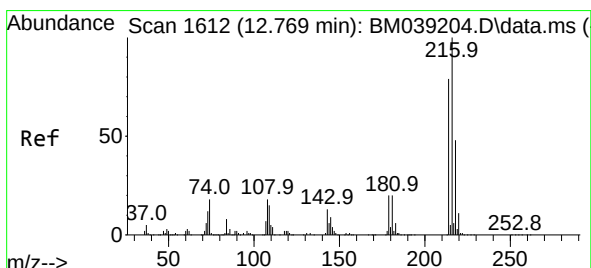
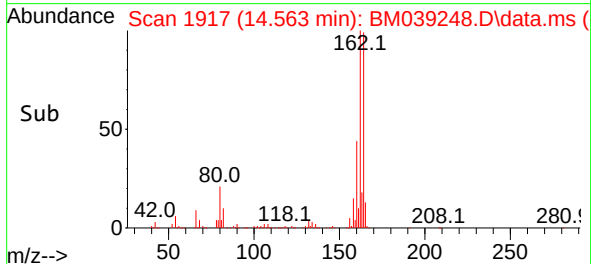
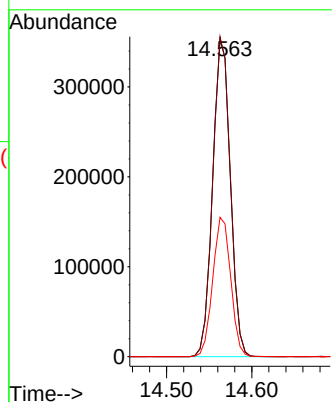
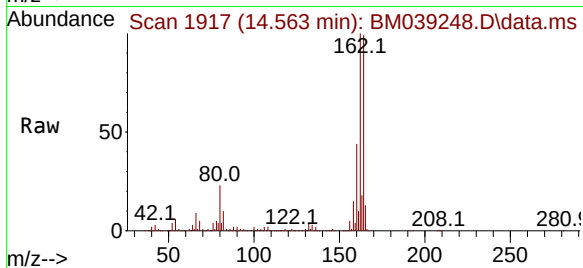
Tgt Ion:164 Resp: 509490

Ion Ratio Lower Upper

164 100

162 100.9 79.1 118.7

160 43.9 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.527 ng

RT: 12.757 min Scan# 1610

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

Tgt Ion:216 Resp: 706225

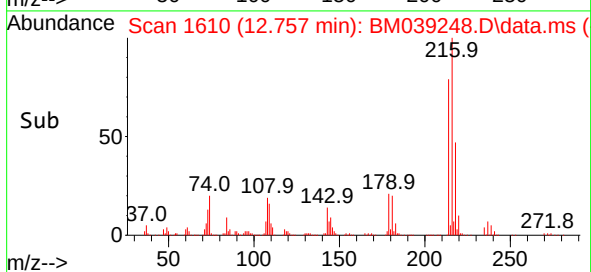
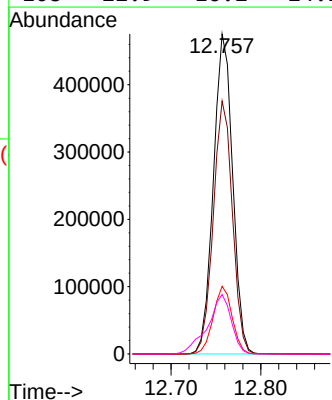
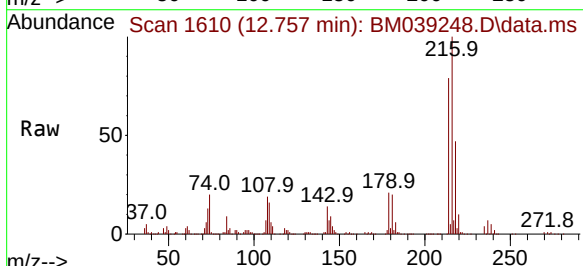
Ion Ratio Lower Upper

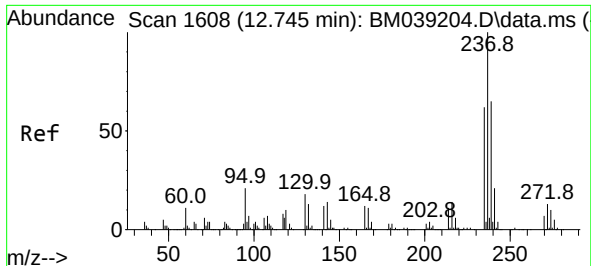
216 100

214 78.7 62.8 94.2

179 20.9 16.8 25.2

108 22.9 16.2 24.2

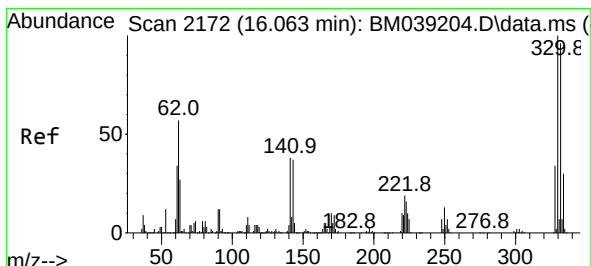
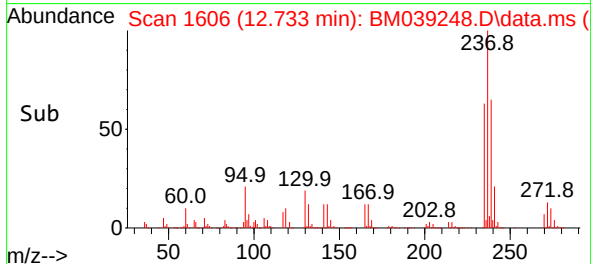
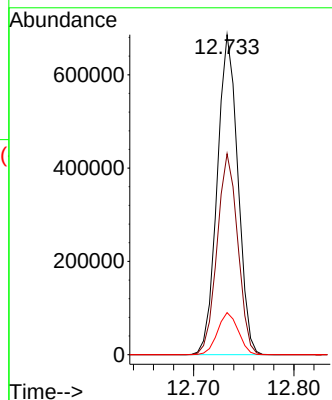
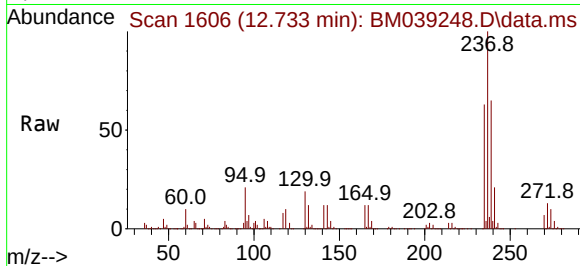




#41  
Hexachlorocyclopentadiene  
Concen: 115.600 ng  
RT: 12.733 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

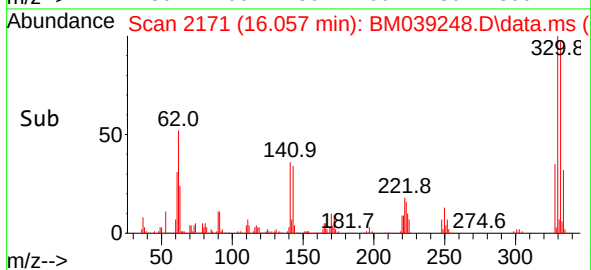
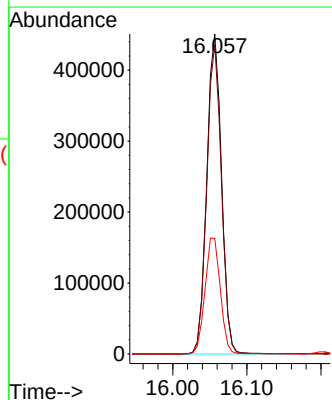
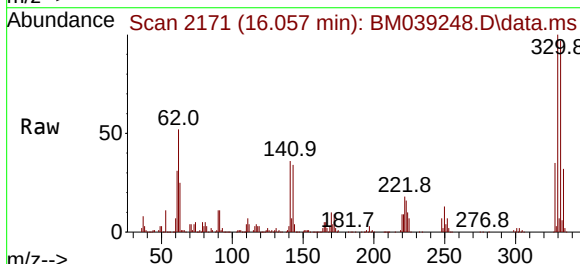
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

Tgt Ion:237 Resp: 979652  
Ion Ratio Lower Upper  
237 100  
235 62.8 41.6 81.6  
272 13.1 0.0 33.2

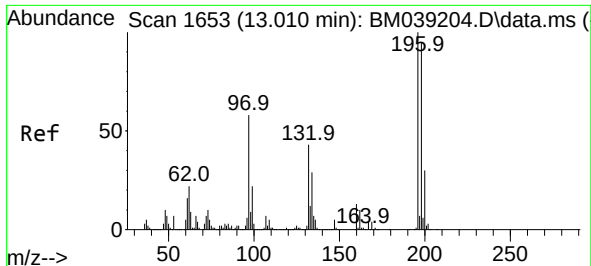


#42  
2,4,6-Tribromophenol  
Concen: 96.357 ng  
RT: 16.057 min Scan# 2171  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:330 Resp: 623187  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.4 116.0  
141 37.8 29.8 44.6



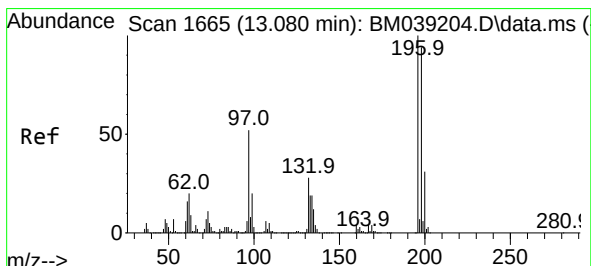
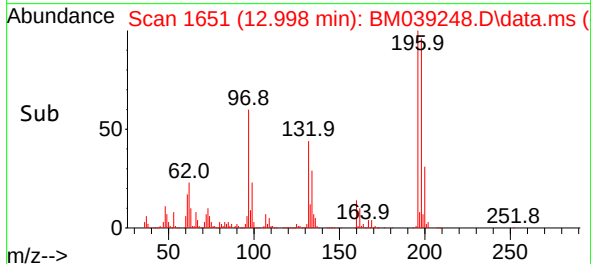
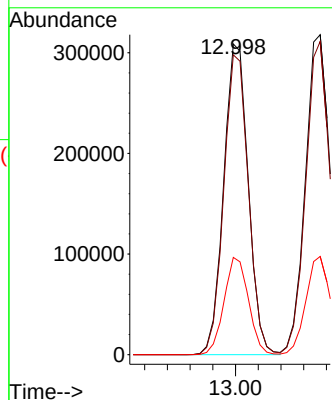
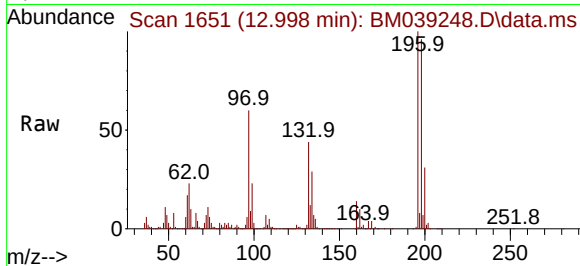




#43  
2,4,6-Trichlorophenol  
Concen: 43.908 ng  
RT: 12.998 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

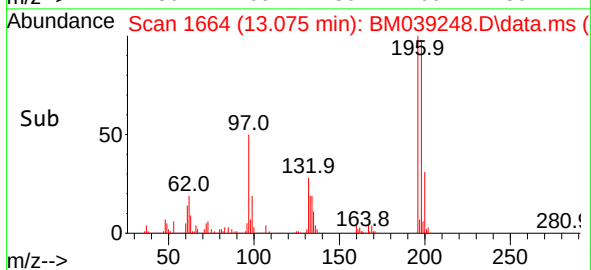
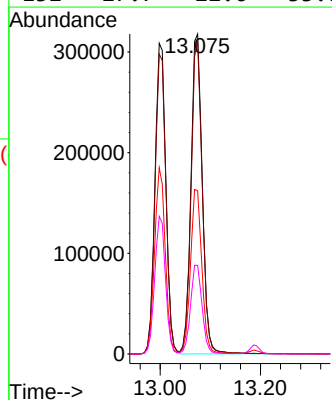
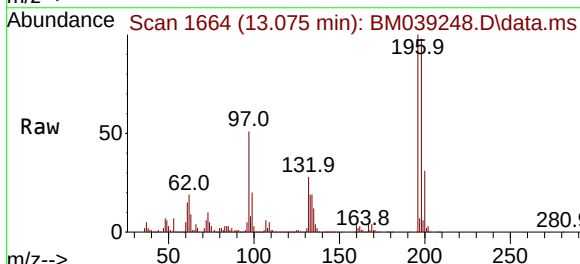
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

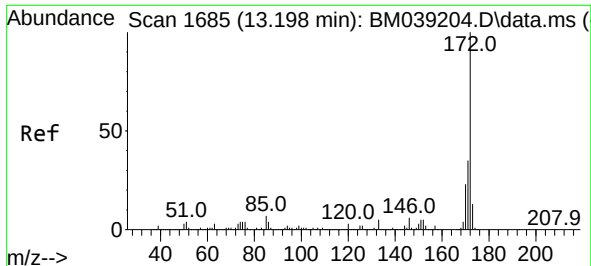
Tgt Ion:196 Resp: 464505  
Ion Ratio Lower Upper  
196 100  
198 96.5 76.2 114.2  
200 31.3 24.2 36.2



#44  
2,4,5-Trichlorophenol  
Concen: 40.124 ng  
RT: 13.075 min Scan# 1664  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:196 Resp: 497613  
Ion Ratio Lower Upper  
196 100  
198 97.9 75.2 112.8  
97 51.0 41.4 62.0  
132 27.7 22.6 33.8

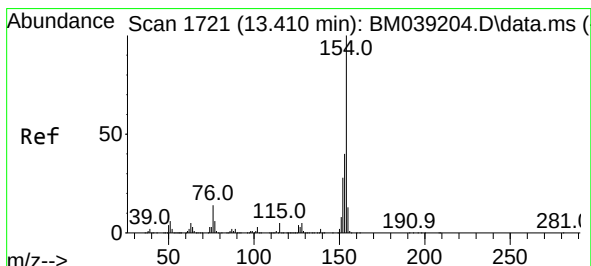
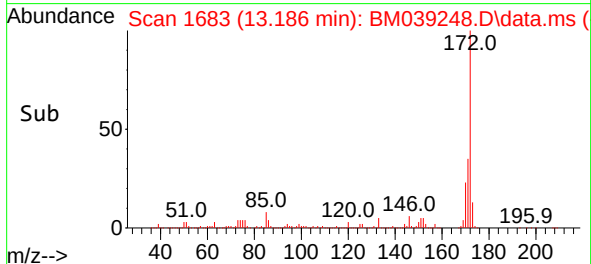
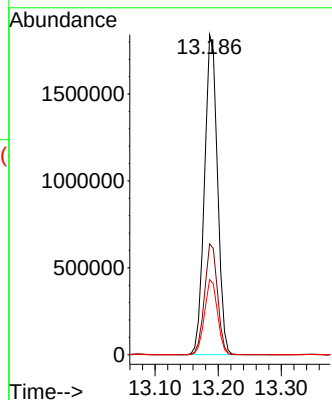
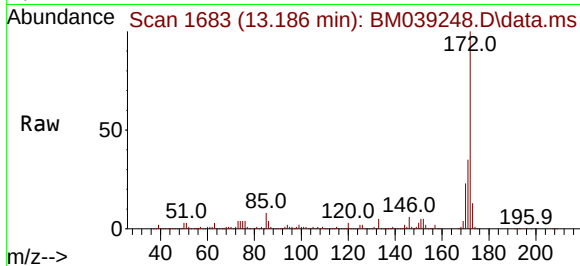




#45  
2-Fluorobiphenyl  
Concen: 70.069 ng  
RT: 13.186 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

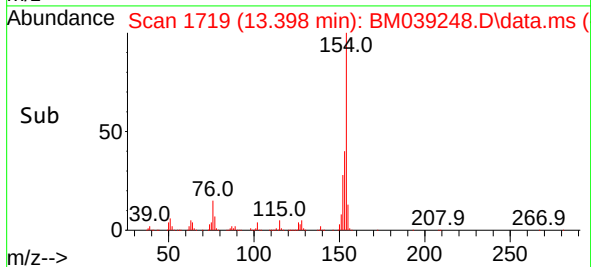
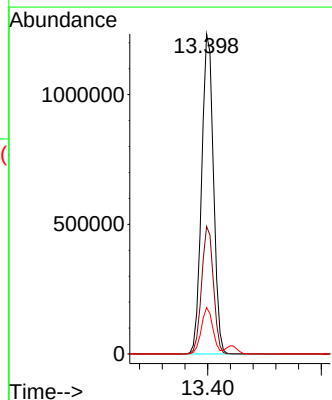
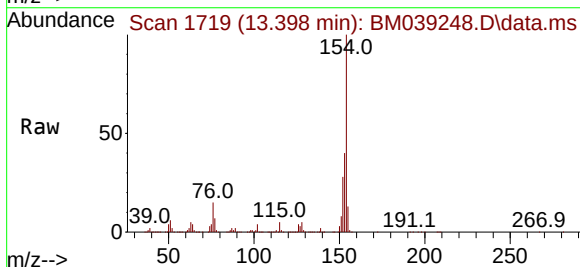
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

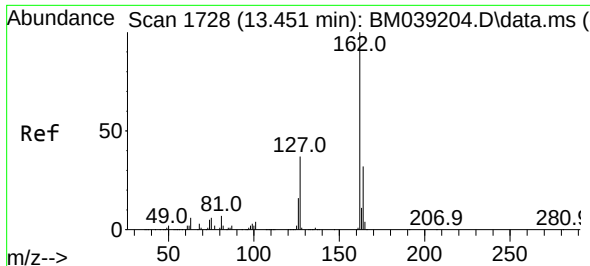
Tgt Ion:172 Resp: 2634802  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.0 42.0  
170 23.4 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 44.410 ng  
RT: 13.398 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:154 Resp: 1786747  
Ion Ratio Lower Upper  
154 100  
153 39.8 19.9 59.9  
76 14.5 0.0 33.5

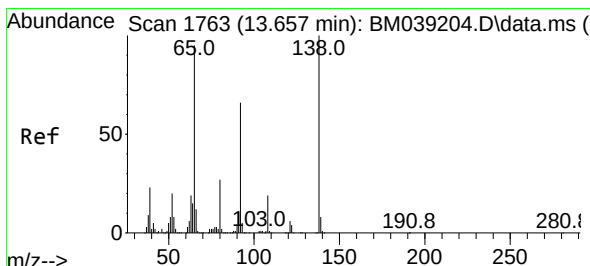
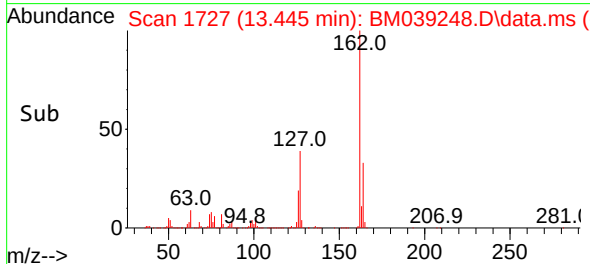
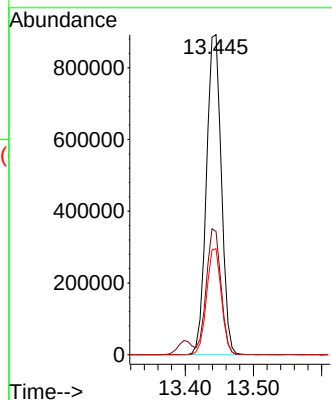
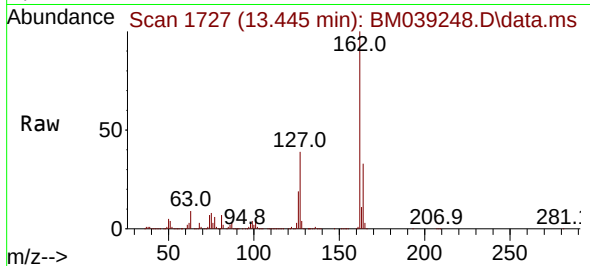




#47  
2-Chloronaphthalene  
Concen: 44.546 ng  
RT: 13.445 min Scan# 1727  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

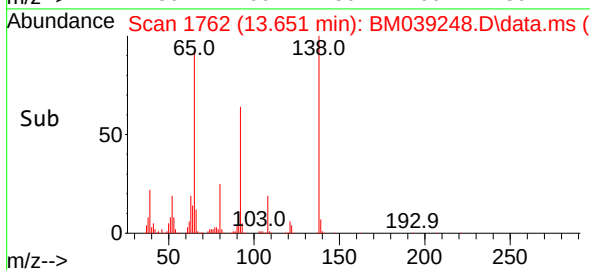
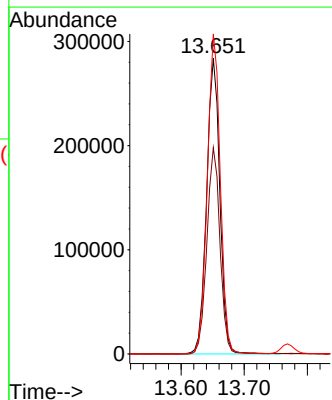
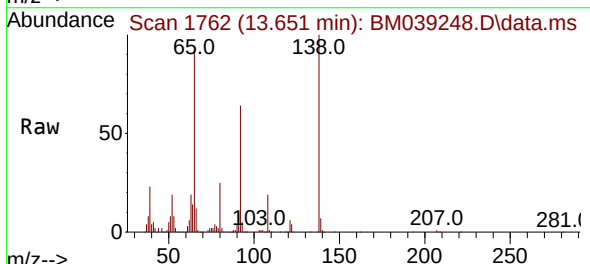
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

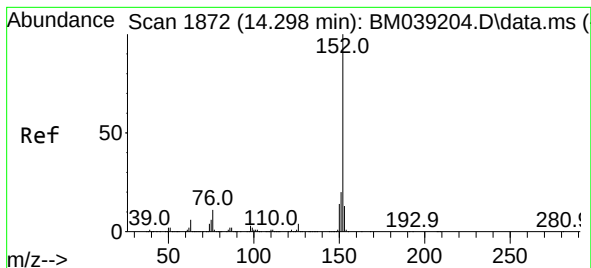
Tgt Ion:162 Resp: 1357022  
Ion Ratio Lower Upper  
162 100  
127 38.5 31.4 47.0  
164 33.1 25.7 38.5



#48  
2-Nitroaniline  
Concen: 40.510 ng  
RT: 13.651 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion: 65 Resp: 415290  
Ion Ratio Lower Upper  
65 100  
92 69.8 55.7 83.5  
138 108.2 84.5 126.7





#49

Acenaphthylene

Concen: 41.969 ng

RT: 14.286 min Scan# 1870

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

Instrument :

BNA\_M

ClientSampleId :

PB151658BS

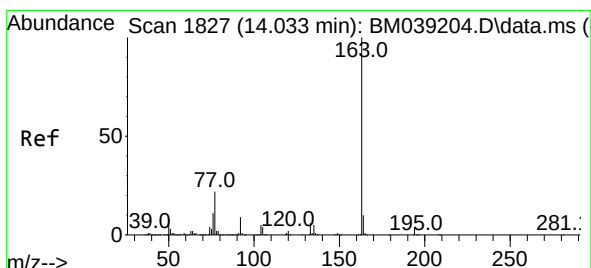
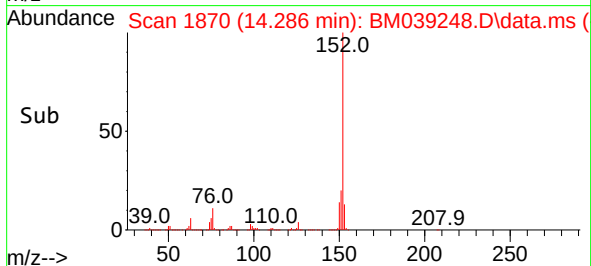
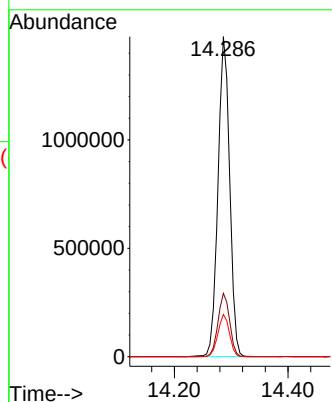
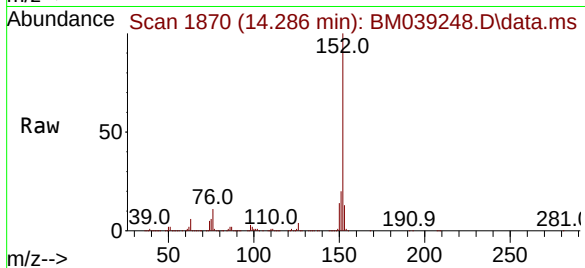
Tgt Ion:152 Resp: 2101317

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.2 10.3 15.5



#50

Dimethylphthalate

Concen: 39.918 ng

RT: 14.027 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

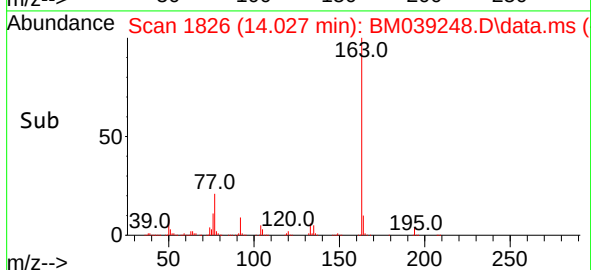
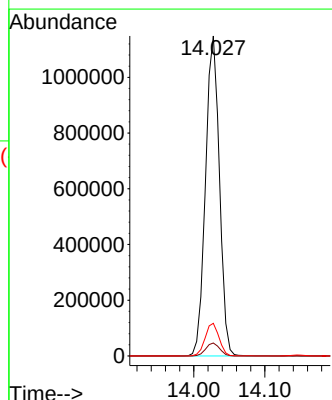
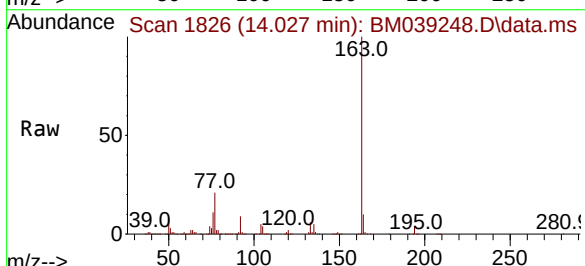
Tgt Ion:163 Resp: 1567372

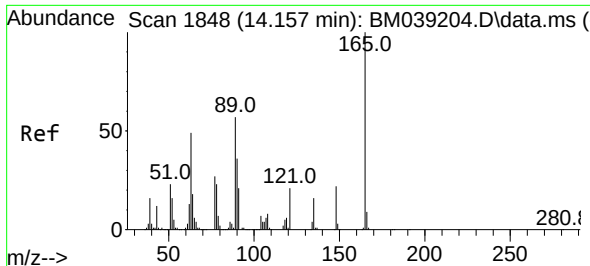
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 40.875 ng

RT: 14.145 min Scan# 1846

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

Instrument :

BNA\_M

ClientSampleId :

PB151658BS

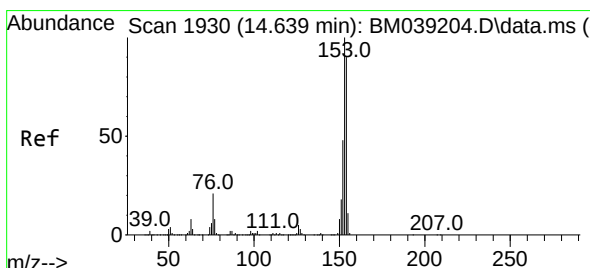
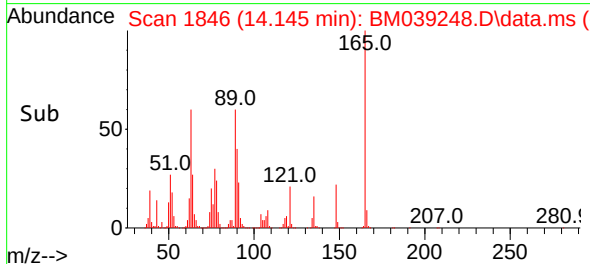
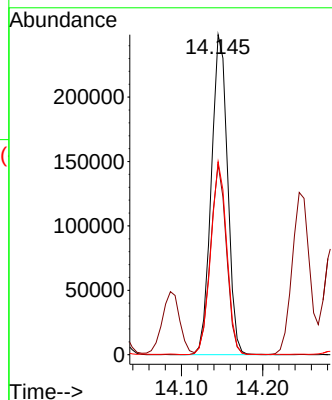
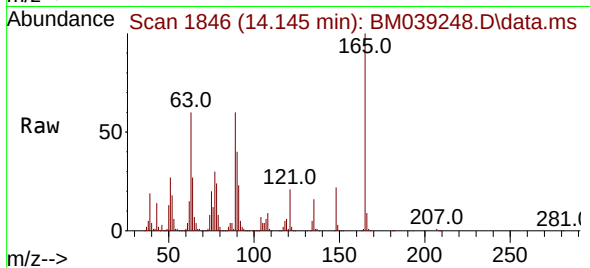
Tgt Ion:165 Resp: 345135

Ion Ratio Lower Upper

165 100

63 59.5 44.9 67.3

89 60.3 45.4 68.0



#52

Acenaphthene

Concen: 42.345 ng

RT: 14.627 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

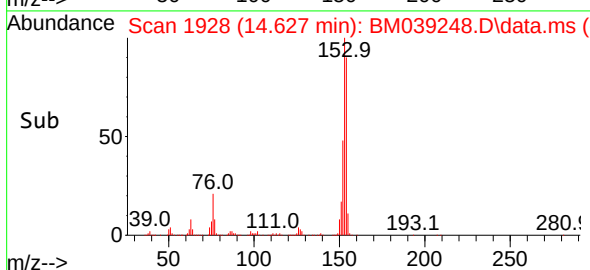
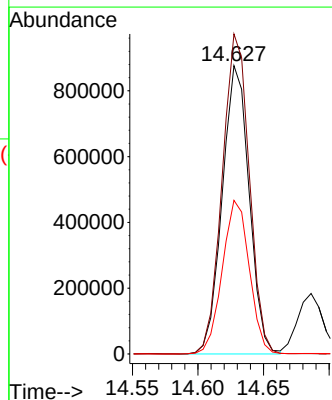
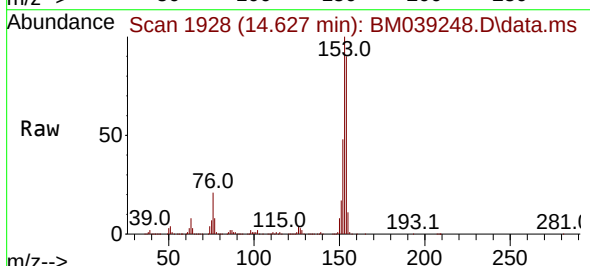
Tgt Ion:154 Resp: 1251886

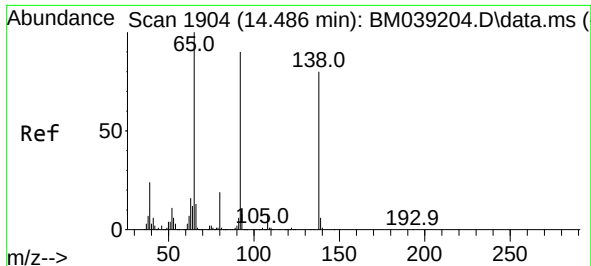
Ion Ratio Lower Upper

154 100

153 111.0 89.1 133.7

152 53.3 42.6 64.0

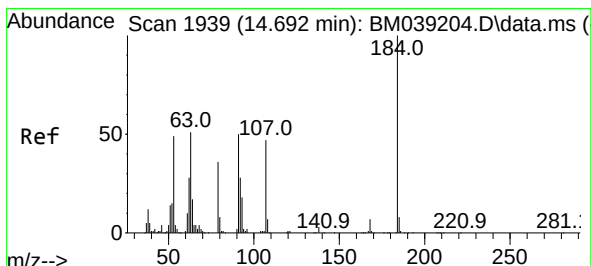
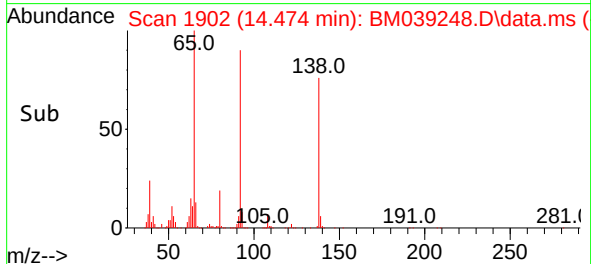
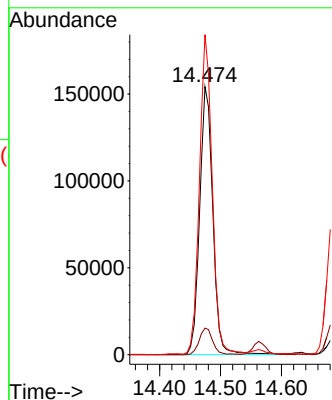
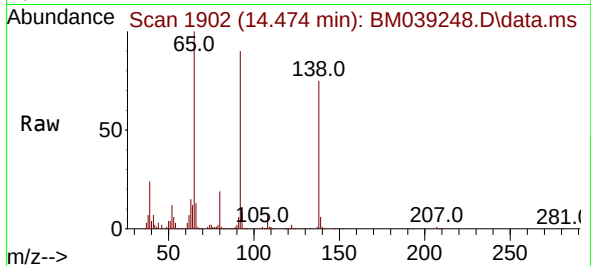




#53  
3-Nitroaniline  
Concen: 23.751 ng  
RT: 14.474 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

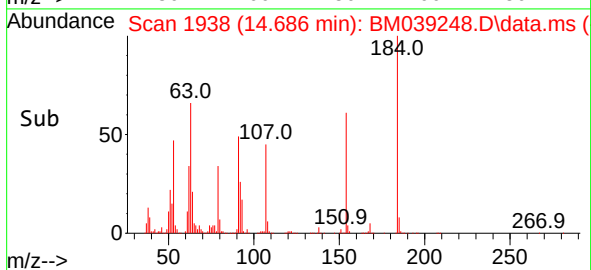
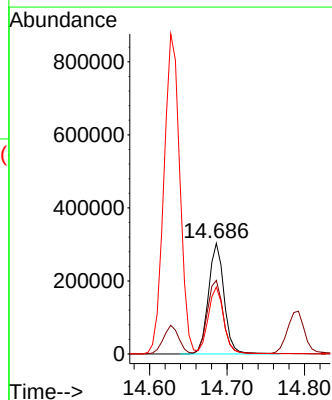
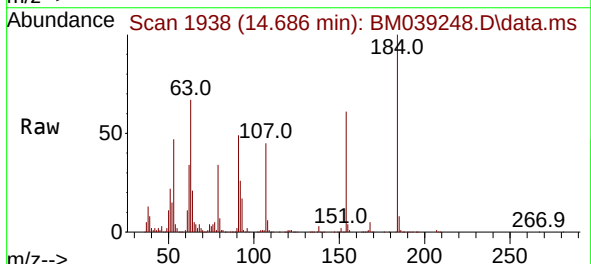
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

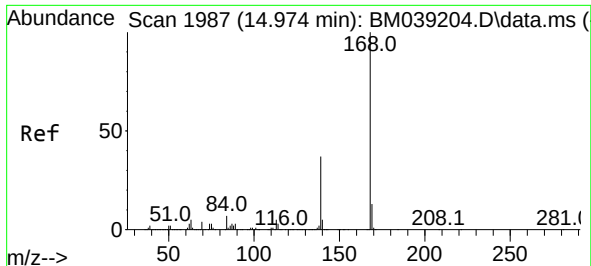
Tgt Ion:138 Resp: 231839  
Ion Ratio Lower Upper  
138 100  
108 9.9 8.0 12.0  
92 119.5 90.8 136.2



#54  
2,4-Dinitrophenol  
Concen: 84.906 ng  
RT: 14.686 min Scan# 1938  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:184 Resp: 424573  
Ion Ratio Lower Upper  
184 100  
63 66.5 56.4 84.6  
154 60.6 48.7 73.1

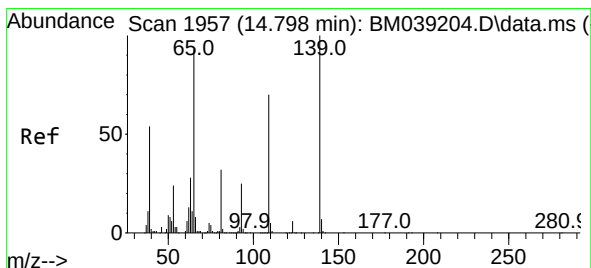
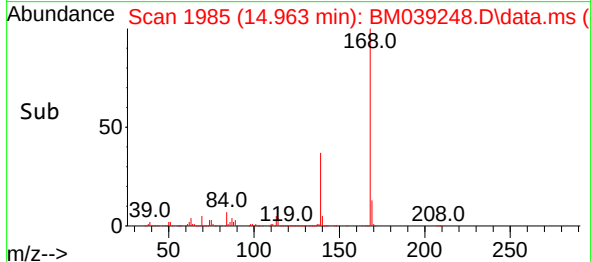
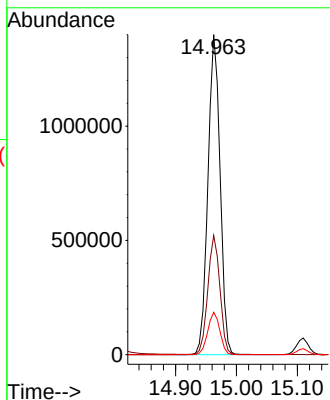
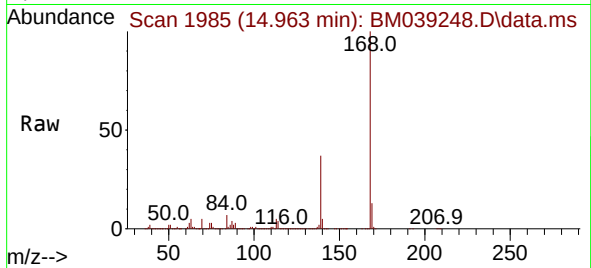




#55  
Dibenzenofuran  
Concen: 40.769 ng  
RT: 14.963 min Scan# 1985  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

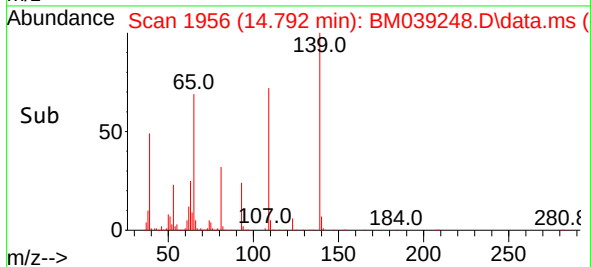
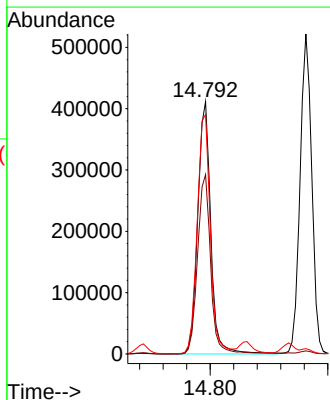
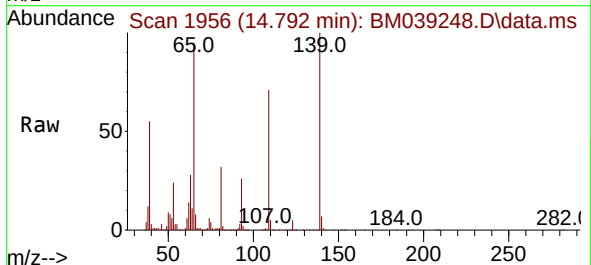
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

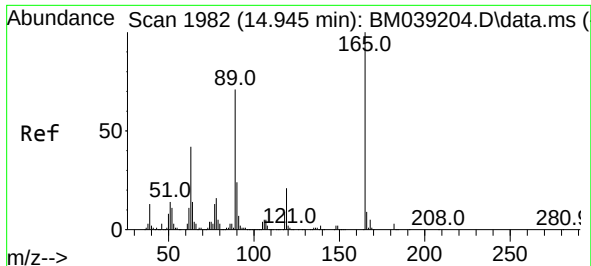
Tgt Ion:168 Resp: 1940511  
Ion Ratio Lower Upper  
168 100  
139 37.3 29.4 44.2  
169 13.2 10.6 15.8



#56  
4-Nitrophenol  
Concen: 83.745 ng  
RT: 14.792 min Scan# 1956  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:139 Resp: 630367  
Ion Ratio Lower Upper  
139 100  
109 71.1 49.6 89.6  
65 95.0 72.9 112.9

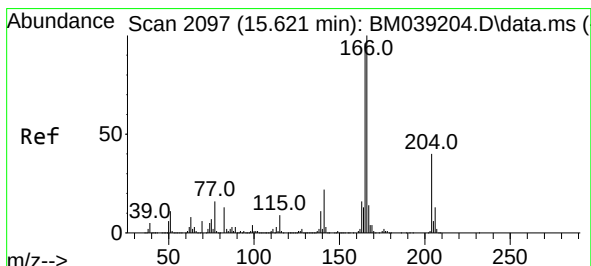
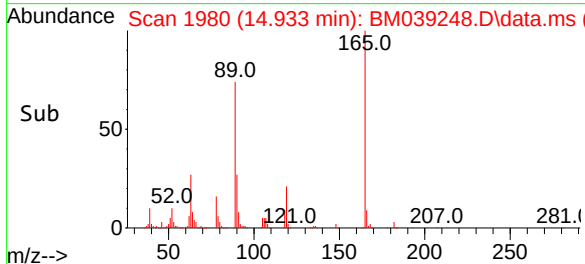
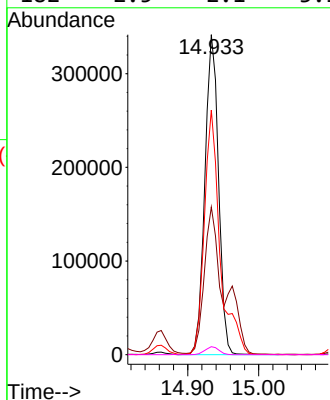
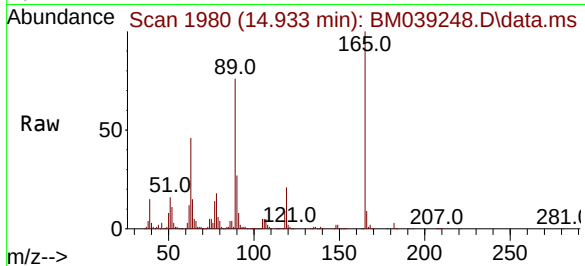




#57  
2,4-Dinitrotoluene  
Concen: 40.048 ng  
RT: 14.933 min Scan# 1982  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

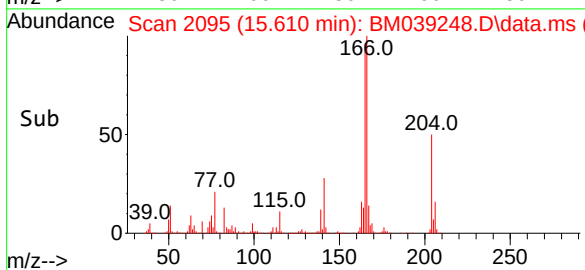
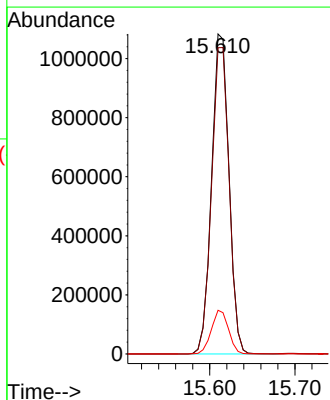
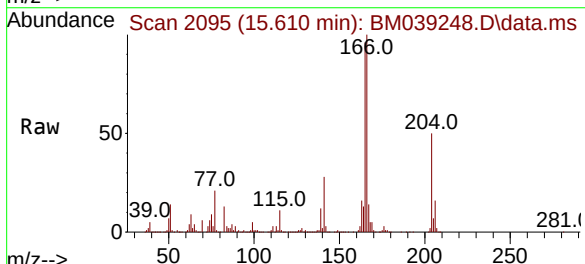
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

Tgt Ion:165 Resp: 457438  
Ion Ratio Lower Upper  
165 100  
63 46.1 33.5 50.3  
89 76.4 56.7 85.1  
182 2.5 2.1 3.1

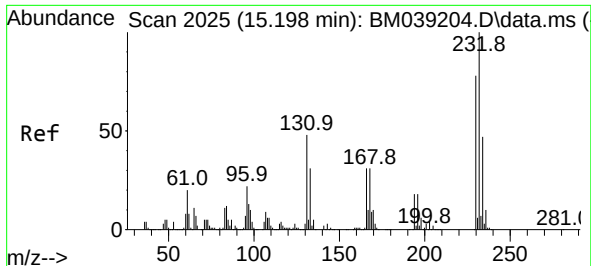


#58  
Fluorene  
Concen: 40.732 ng  
RT: 15.610 min Scan# 2095  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:166 Resp: 1535172  
Ion Ratio Lower Upper  
166 100  
165 95.7 76.9 115.3  
167 13.6 10.8 16.2



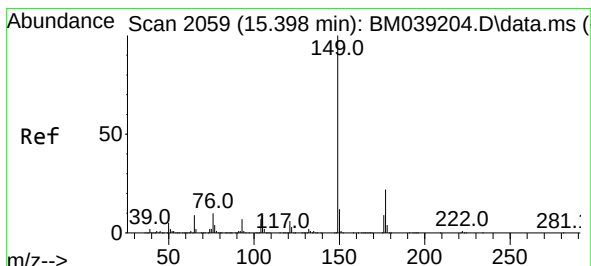
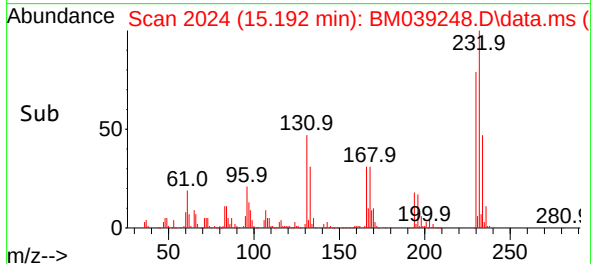
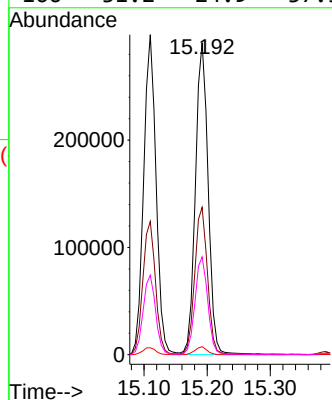
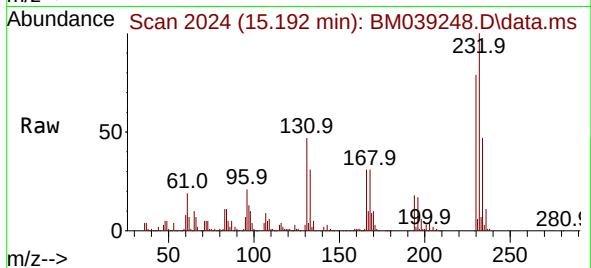




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.037 ng  
RT: 15.192 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

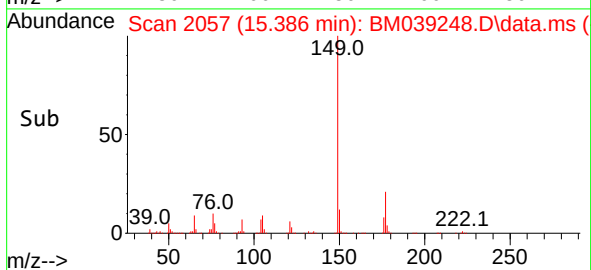
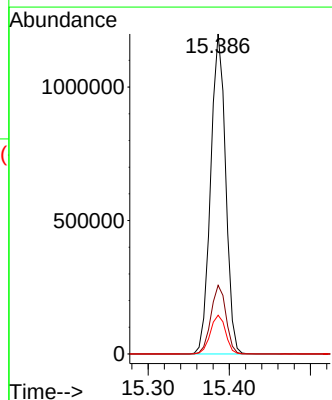
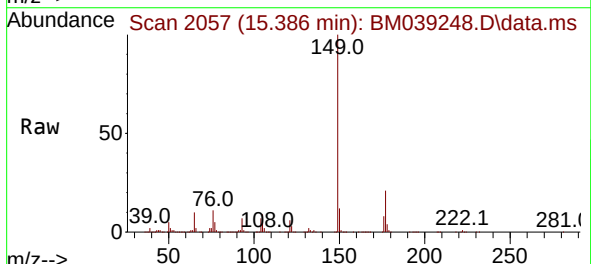
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

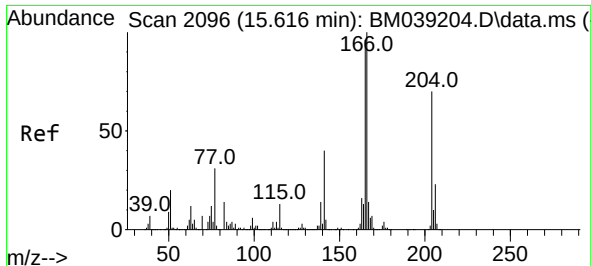
Tgt Ion:232 Resp: 404883  
Ion Ratio Lower Upper  
232 100  
131 47.5 37.7 56.5  
130 2.4 1.9 2.9  
166 31.2 24.9 37.3



#60  
Diethylphthalate  
Concen: 38.756 ng  
RT: 15.386 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:149 Resp: 1531677  
Ion Ratio Lower Upper  
149 100  
177 21.5 17.7 26.5  
150 12.1 9.8 14.6

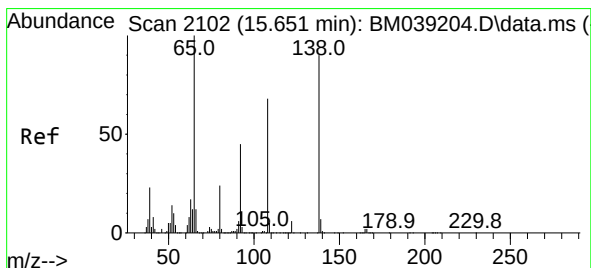
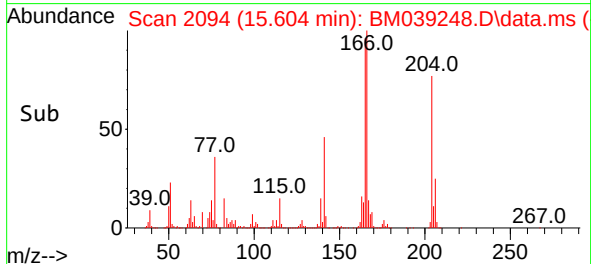
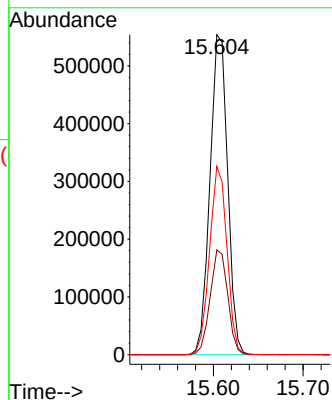
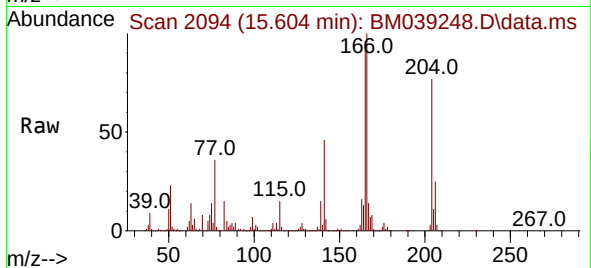




#61  
4-Chlorophenyl-phenylether  
Concen: 40.614 ng  
RT: 15.604 min Scan# 2094  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

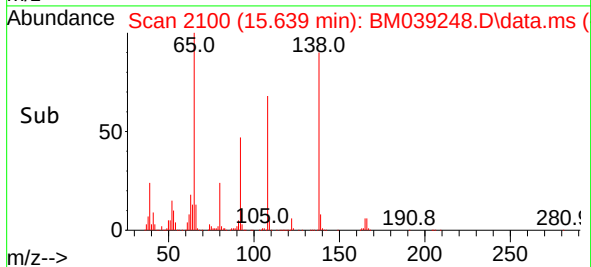
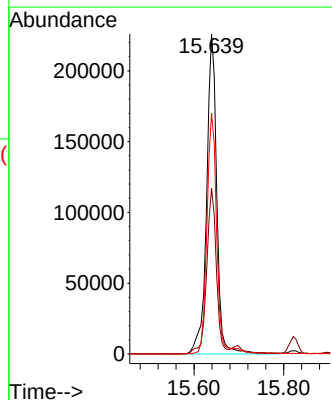
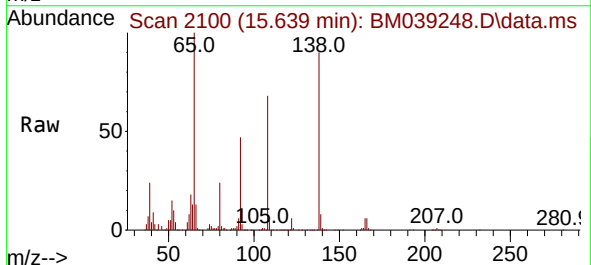
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

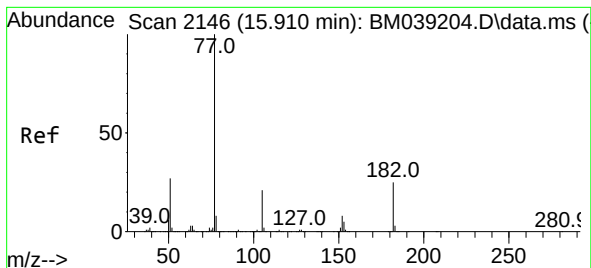
Tgt Ion:204 Resp: 758622  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.1 39.1  
141 58.8 45.8 68.6



#62  
4-Nitroaniline  
Concen: 35.587 ng  
RT: 15.639 min Scan# 2100  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:138 Resp: 356476  
Ion Ratio Lower Upper  
138 100  
92 51.9 30.5 70.5  
108 75.1 55.5 95.5



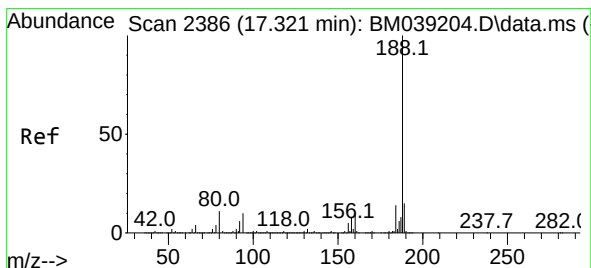
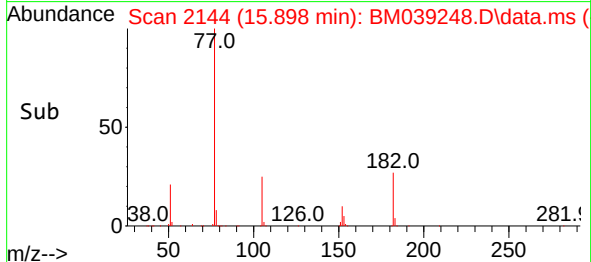
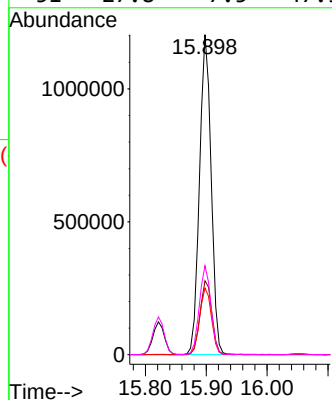
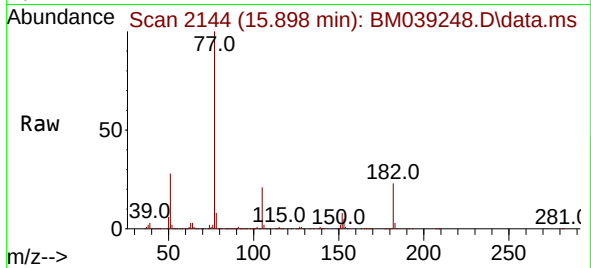


#63  
Azobenzene  
Concen: 40.382 ng  
RT: 15.898 min Scan# 2146  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

Tgt Ion: 77 Resp: 1598959

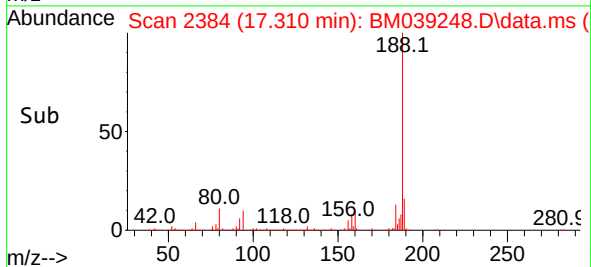
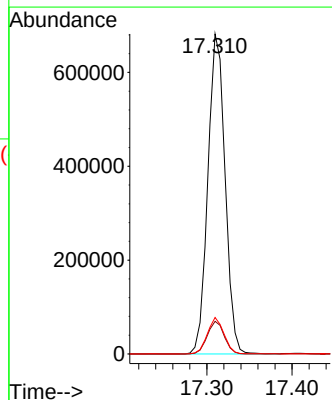
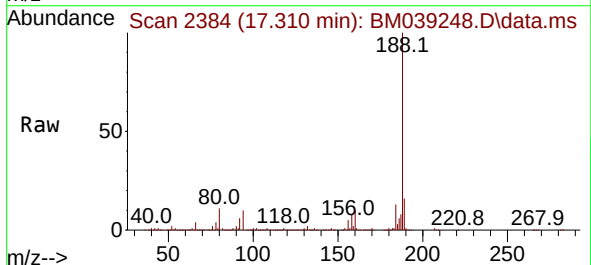
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 23.1  | 4.8   | 44.8  |
| 105 | 20.8  | 1.4   | 41.4  |
| 51  | 27.8  | 7.5   | 47.5  |

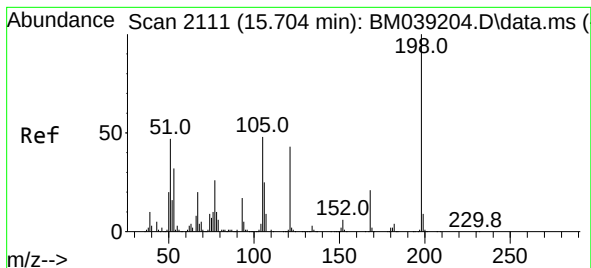


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.310 min Scan# 2384  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion: 188 Resp: 957930

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.2  | 8.2   | 12.4  |
| 80  | 11.4  | 8.9   | 13.3  |

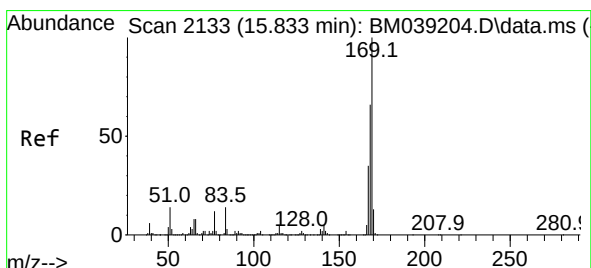
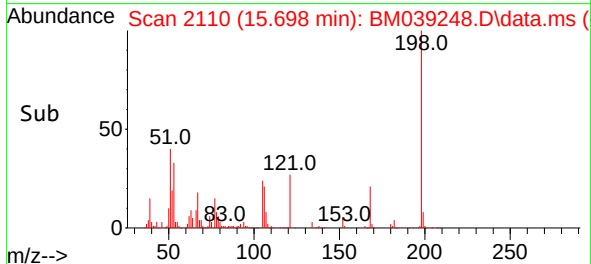
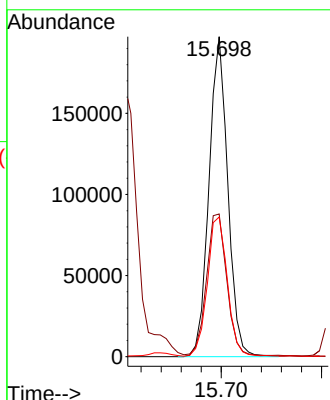
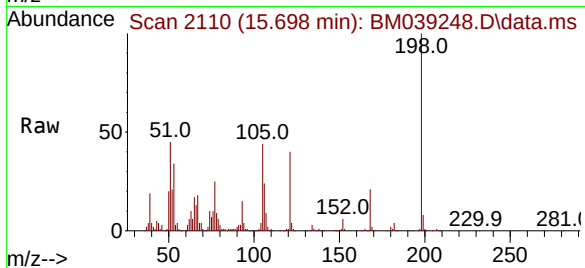




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.744 ng  
RT: 15.698 min Scan# 2110  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

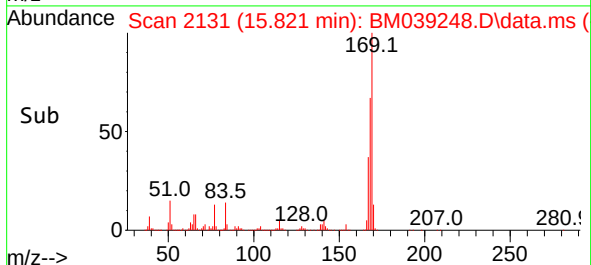
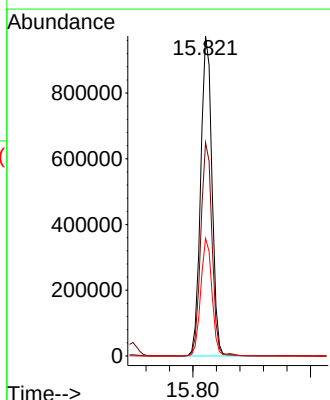
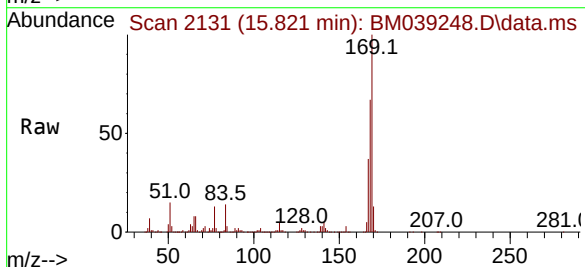
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

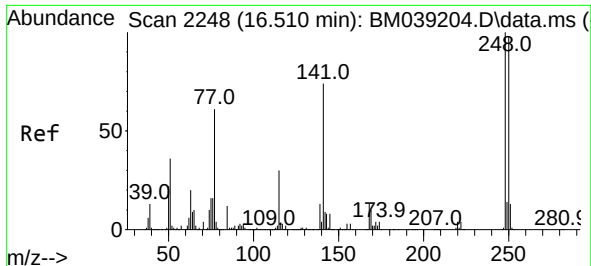
Tgt Ion:198 Resp: 256767  
Ion Ratio Lower Upper  
198 100  
51 44.6 28.9 68.9  
105 43.7 28.7 68.7



#66  
n-Nitrosodiphenylamine  
Concen: 42.771 ng  
RT: 15.821 min Scan# 2131  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:169 Resp: 1291098  
Ion Ratio Lower Upper  
169 100  
168 66.7 52.8 79.2  
167 36.7 28.4 42.6

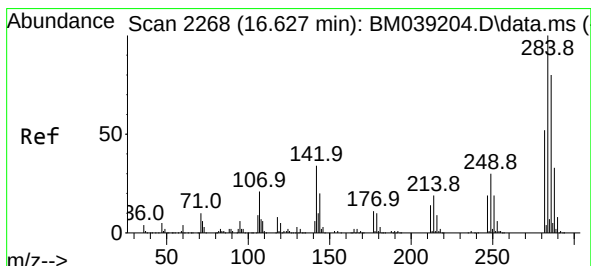
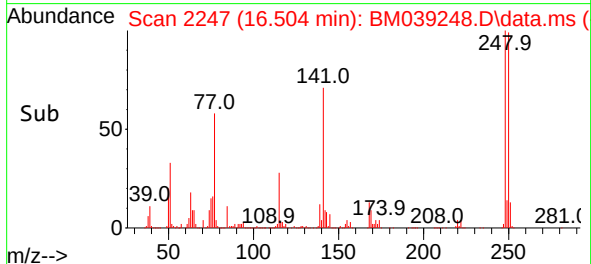
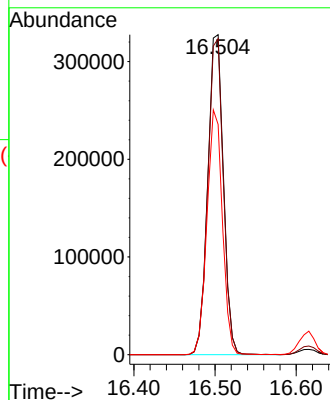
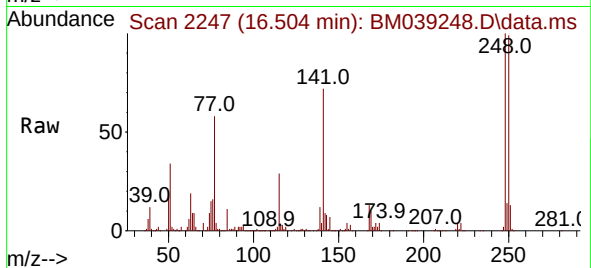




#67  
4-Bromophenyl-phenylether  
Concen: 42.836 ng  
RT: 16.504 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

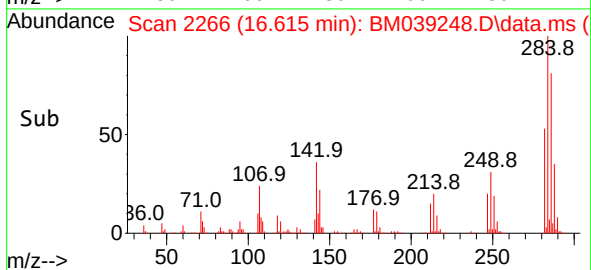
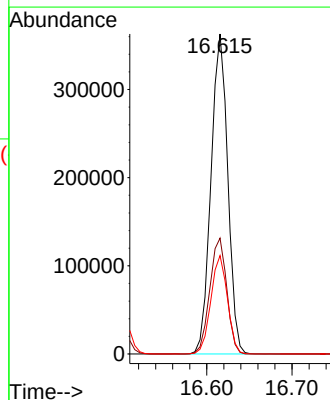
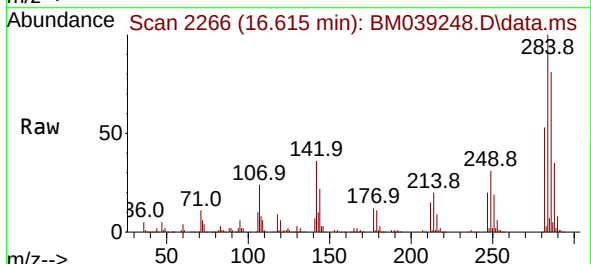
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

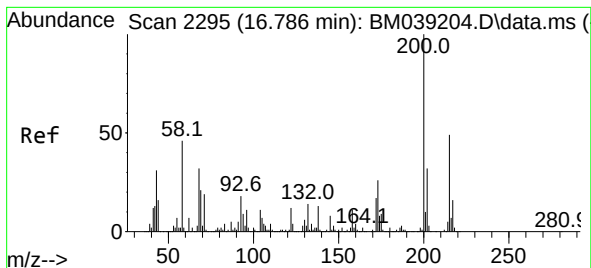
Tgt Ion:248 Resp: 438221  
Ion Ratio Lower Upper  
248 100  
250 98.8 78.8 118.2  
141 71.9 58.8 88.2



#68  
Hexachlorobenzene  
Concen: 44.759 ng  
RT: 16.615 min Scan# 2266  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:284 Resp: 496486  
Ion Ratio Lower Upper  
284 100  
142 36.2 27.4 41.2  
249 30.7 24.4 36.6





#69

Atrazine

Concen: 43.089 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

Instrument :

BNA\_M

ClientSampleId :

PB151658BS

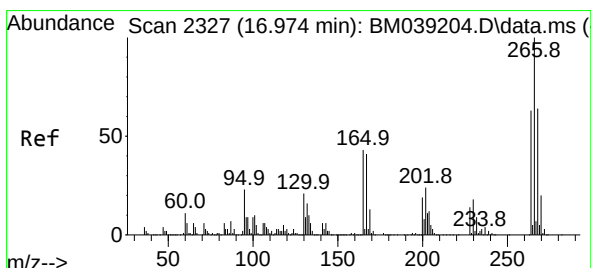
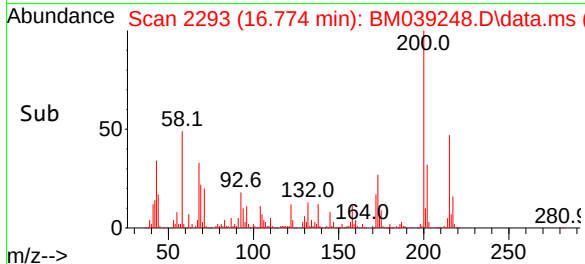
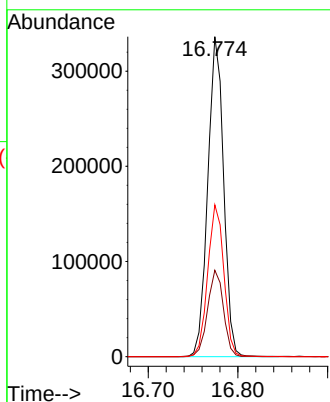
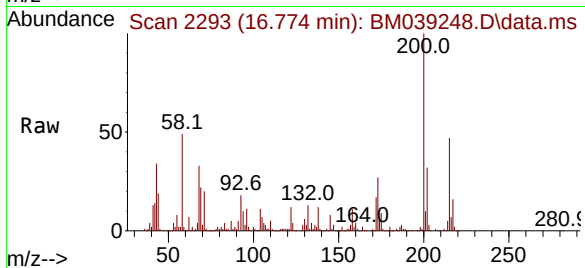
Tgt Ion:200 Resp: 411961

Ion Ratio Lower Upper

200 100

173 27.0 6.4 46.4

215 47.4 28.9 68.9



#70

Pentachlorophenol

Concen: 79.649 ng

RT: 16.963 min Scan# 2325

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

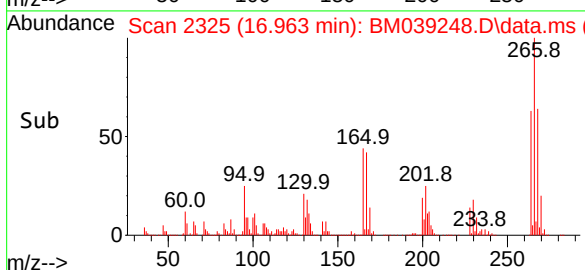
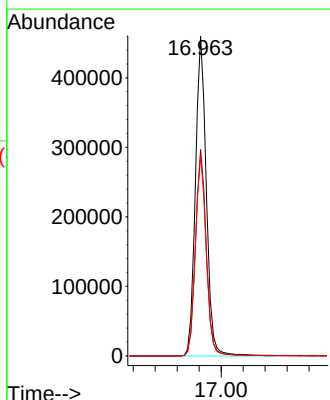
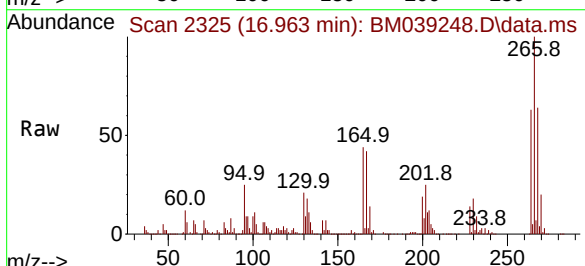
Tgt Ion:266 Resp: 633869

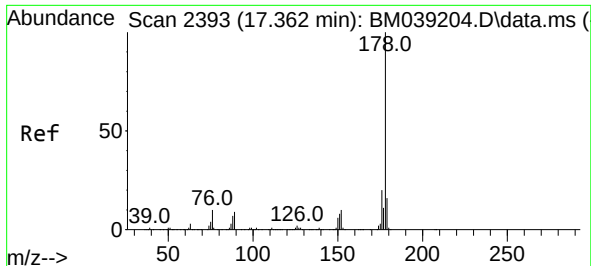
Ion Ratio Lower Upper

266 100

268 64.5 51.4 77.2

264 62.6 50.2 75.4

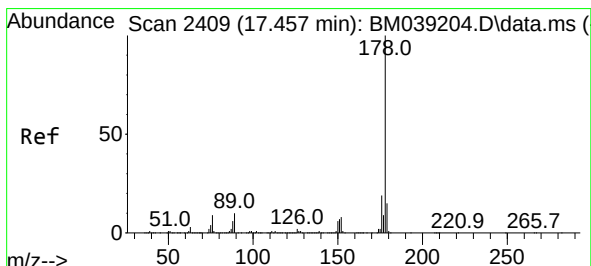
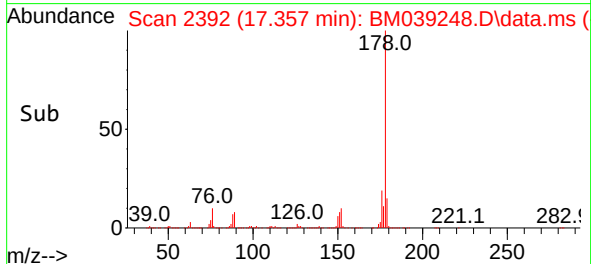
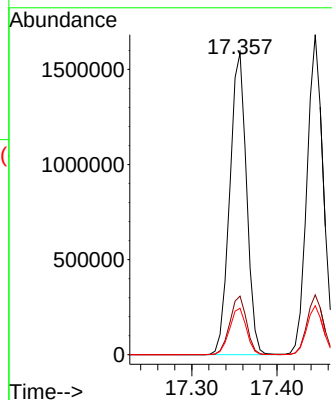
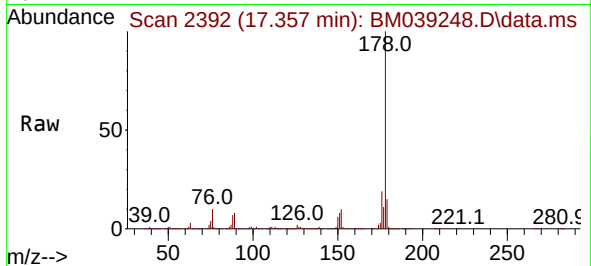




#71  
Phenanthrene  
Concen: 41.505 ng  
RT: 17.357 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

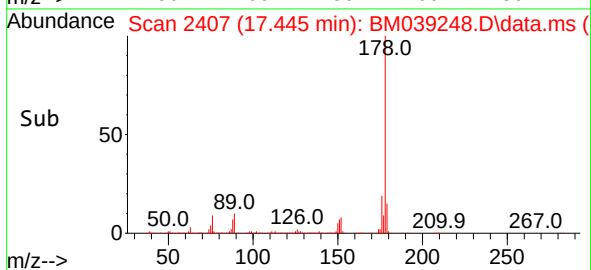
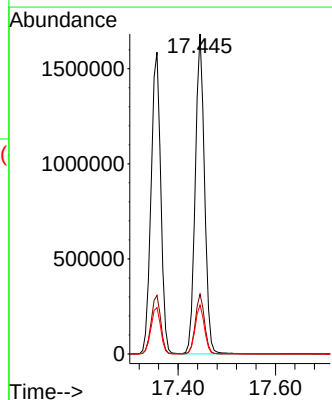
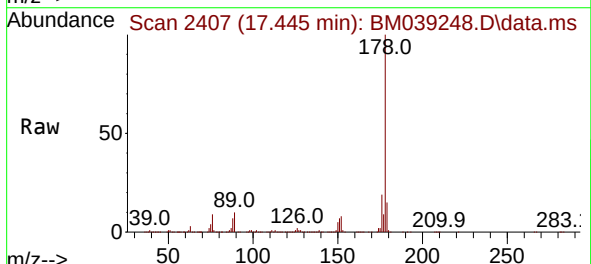
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

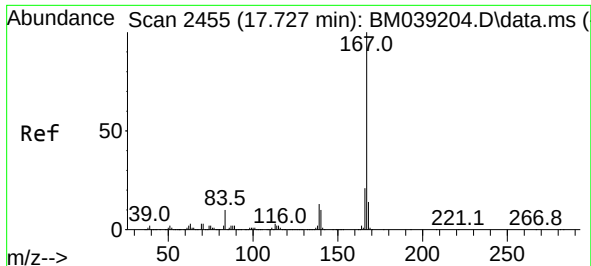
Tgt Ion:178 Resp: 2177555  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.7 23.5  
179 15.4 12.4 18.6



#72  
Anthracene  
Concen: 41.799 ng  
RT: 17.445 min Scan# 2407  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:178 Resp: 2236075  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.9 22.3  
179 15.3 12.2 18.2



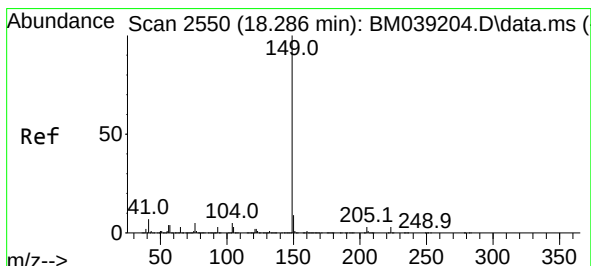
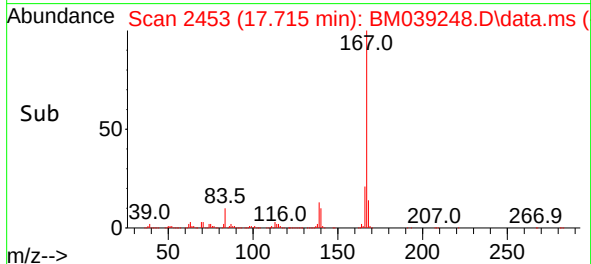
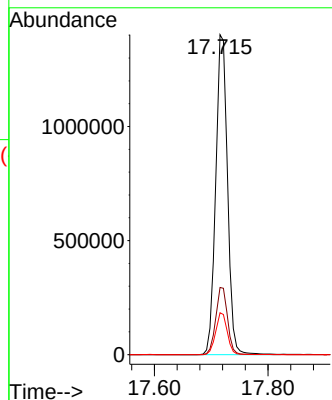
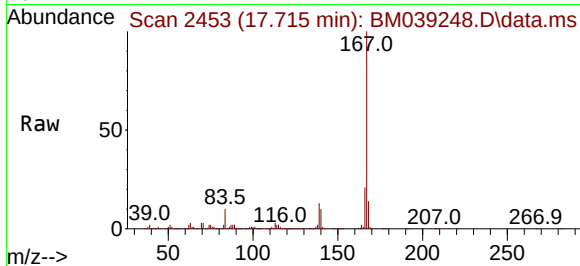


#73  
 Carbazole  
 Concen: 40.484 ng  
 RT: 17.715 min Scan# 2453  
 Delta R.T. -0.006 min  
 Lab File: BM039248.D  
 Acq: 31 Mar 2023 11:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB151658BS

Tgt Ion:167 Resp: 2023733  

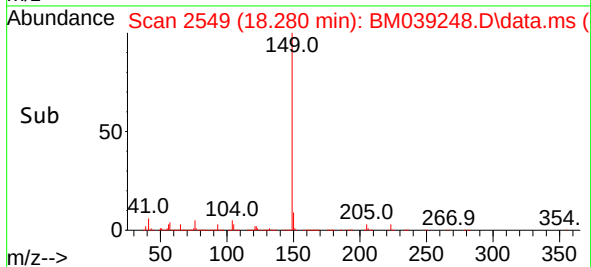
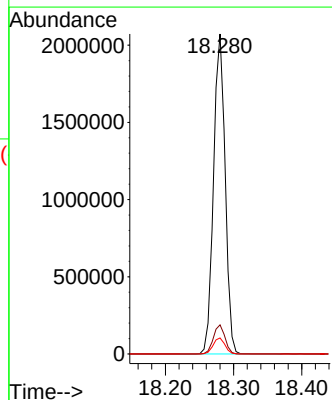
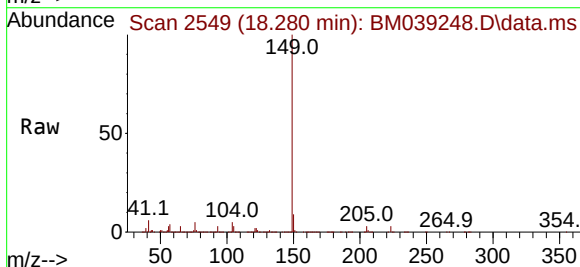
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.0  | 17.2  | 25.8  |
| 139 | 13.1  | 10.6  | 16.0  |



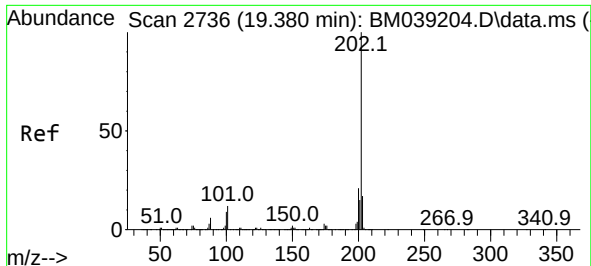
#74  
 Di-n-butylphthalate  
 Concen: 39.765 ng  
 RT: 18.280 min Scan# 2549  
 Delta R.T. -0.000 min  
 Lab File: BM039248.D  
 Acq: 31 Mar 2023 11:44

Tgt Ion:149 Resp: 2458913  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.1   | 7.5   | 11.3  |
| 104 | 5.0   | 4.1   | 6.1   |



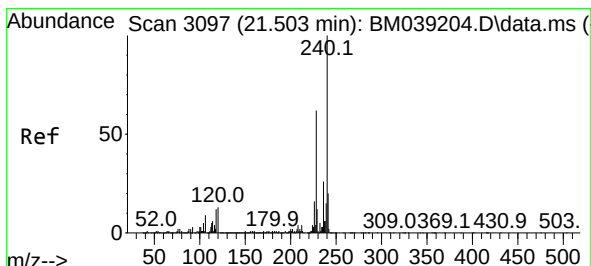
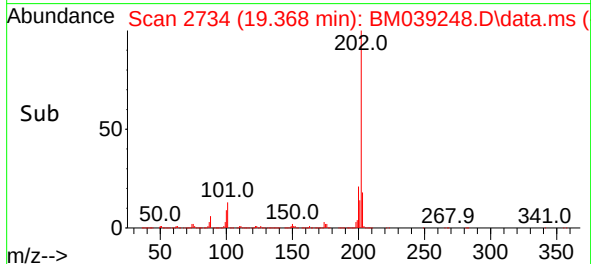
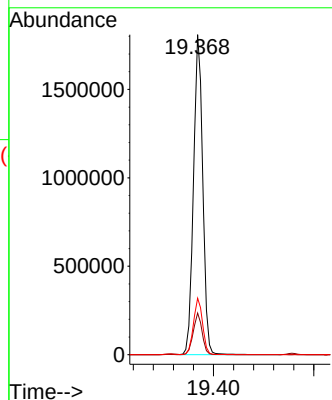
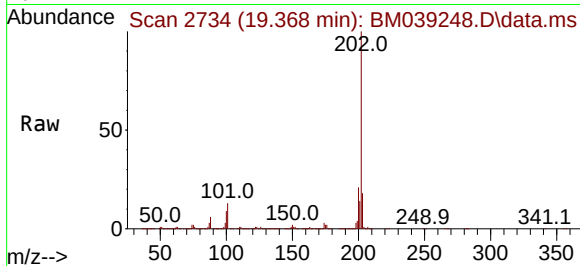




#75  
Fluoranthene  
Concen: 38.567 ng  
RT: 19.368 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

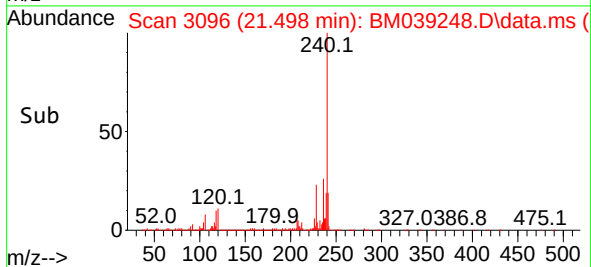
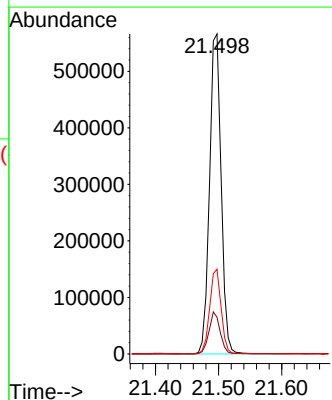
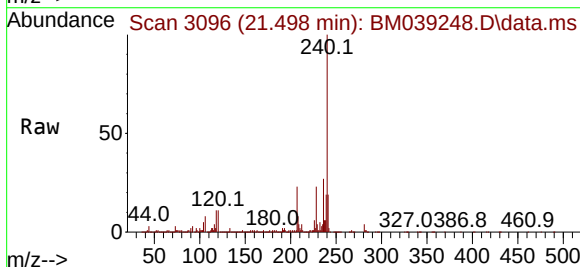
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

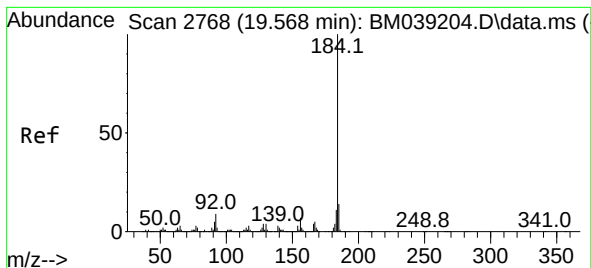
Tgt Ion:202 Resp: 2306534  
Ion Ratio Lower Upper  
202 100  
101 13.0 0.0 32.5  
203 17.7 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.498 min Scan# 3096  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:240 Resp: 725428  
Ion Ratio Lower Upper  
240 100  
120 11.4 10.2 15.2  
236 26.5 20.9 31.3





#77

Benzidine

Concen: 68.282 ng

RT: 19.556 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

Instrument :

BNA\_M

ClientSampleId :

PB151658BS

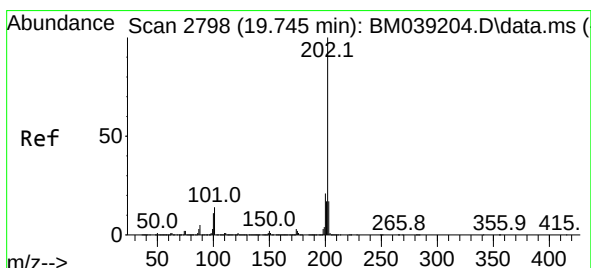
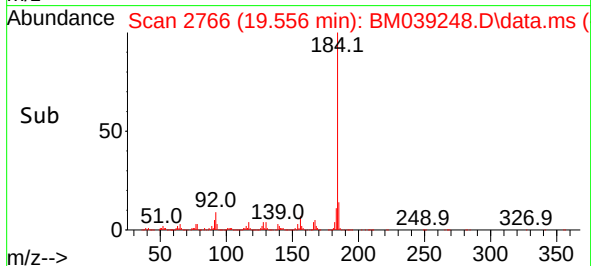
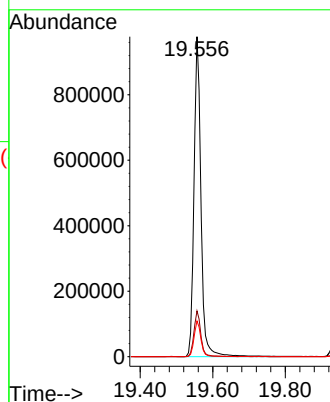
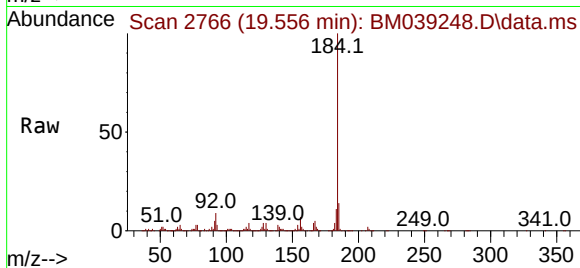
Tgt Ion:184 Resp: 1306521

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.1 9.0 13.4



#78

Pyrene

Concen: 46.283 ng

RT: 19.733 min Scan# 2796

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

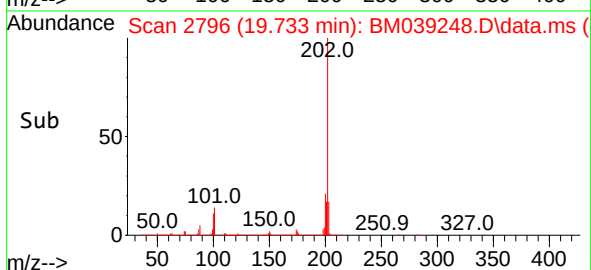
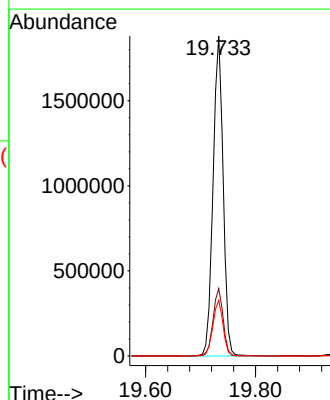
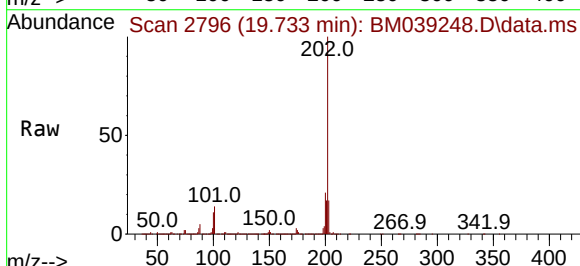
Tgt Ion:202 Resp: 2390207

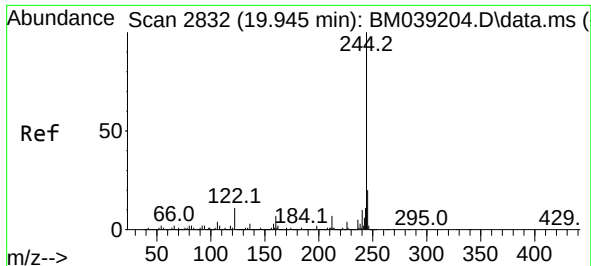
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.3 13.9 20.9

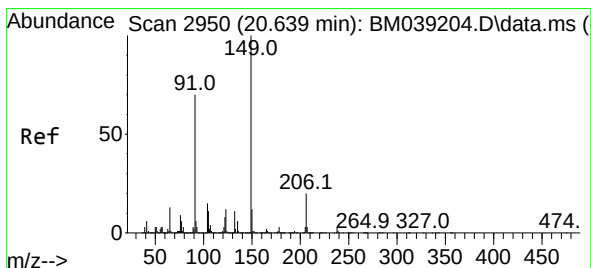
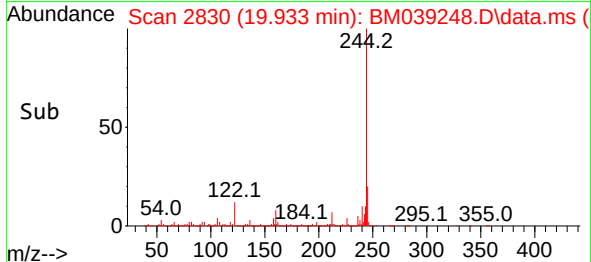
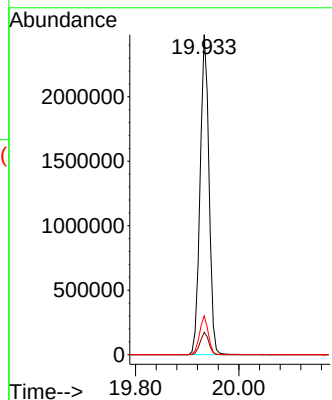
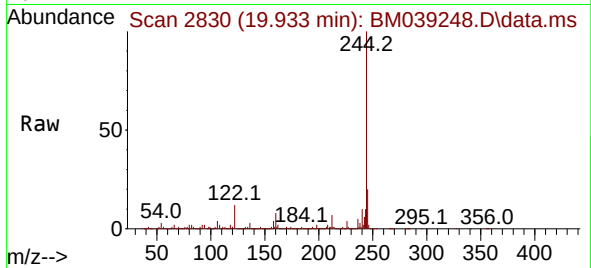




#79  
 Terphenyl-d14  
 Concen: 75.309 ng  
 RT: 19.933 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM039248.D  
 Acq: 31 Mar 2023 11:44

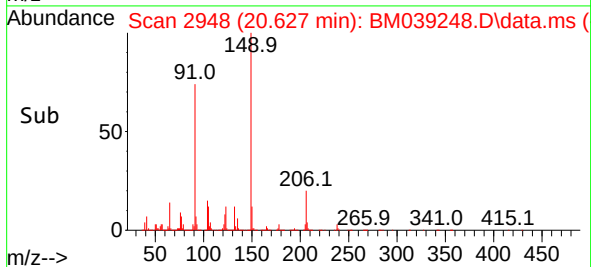
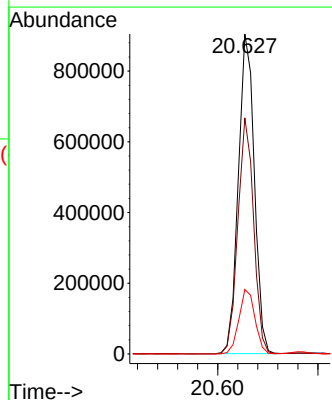
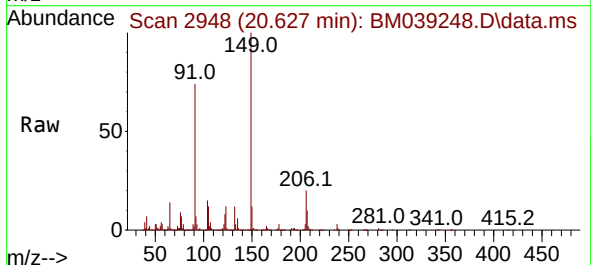
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB151658BS

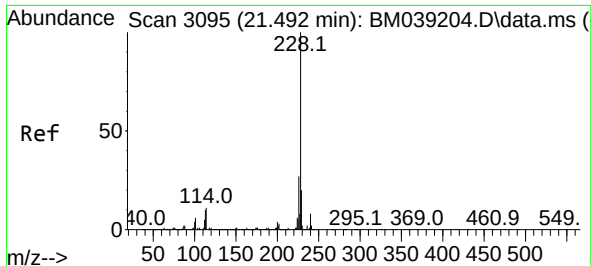
Tgt Ion:244 Resp: 2956953  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.6 8.4  
 122 12.2 9.1 13.7



#80  
 Butylbenzylphthalate  
 Concen: 42.559 ng  
 RT: 20.627 min Scan# 2948  
 Delta R.T. -0.000 min  
 Lab File: BM039248.D  
 Acq: 31 Mar 2023 11:44

Tgt Ion:149 Resp: 1006893  
 Ion Ratio Lower Upper  
 149 100  
 91 73.8 56.3 84.5  
 206 20.2 16.4 24.6

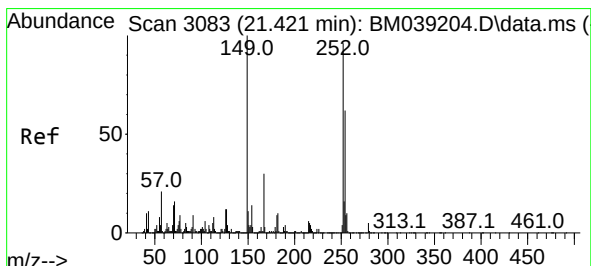
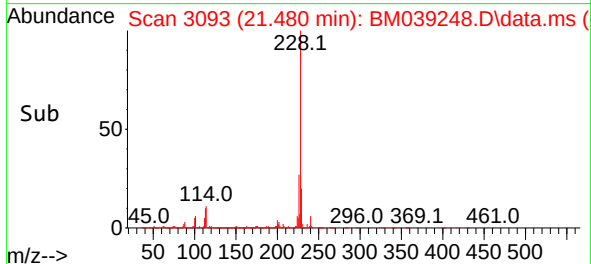
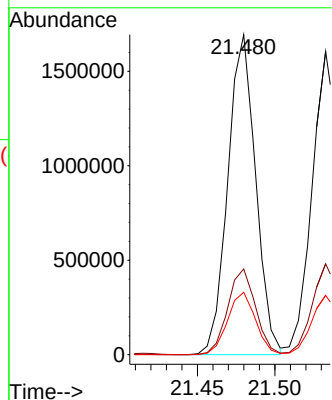
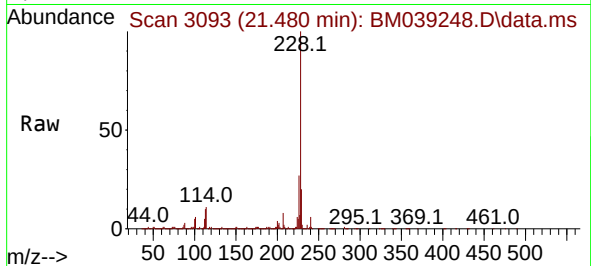




#81  
Benzo(a)anthracene  
Concen: 41.359 ng  
RT: 21.480 min Scan# 3095  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

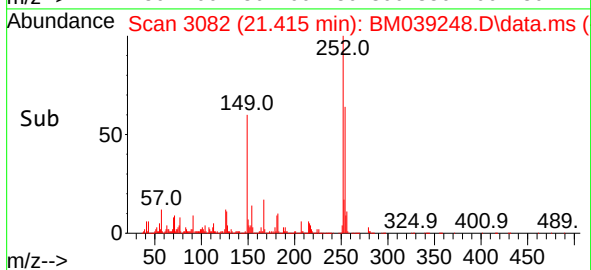
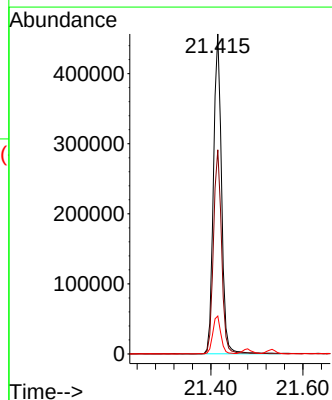
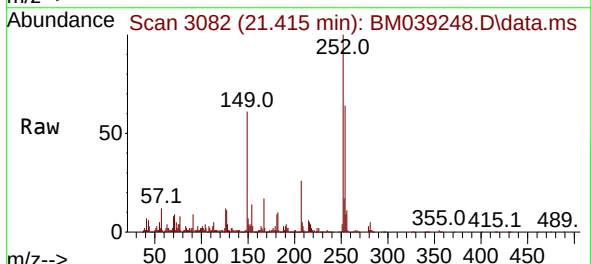
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

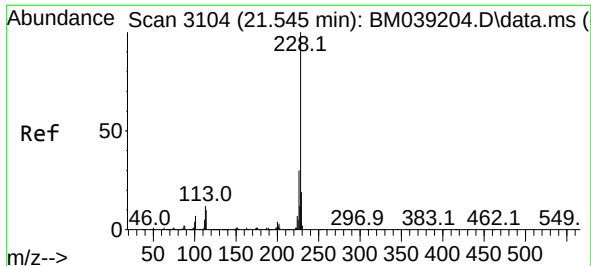
Tgt Ion:228 Resp: 2115980  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.9 32.9  
229 19.5 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 32.704 ng  
RT: 21.415 min Scan# 3082  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:252 Resp: 557384  
Ion Ratio Lower Upper  
252 100  
254 63.8 51.8 77.8  
126 11.9 10.1 15.1

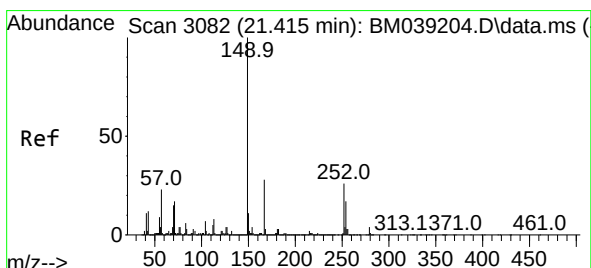
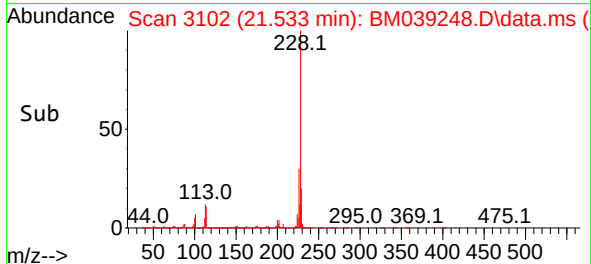
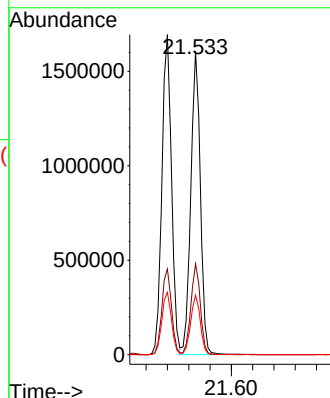
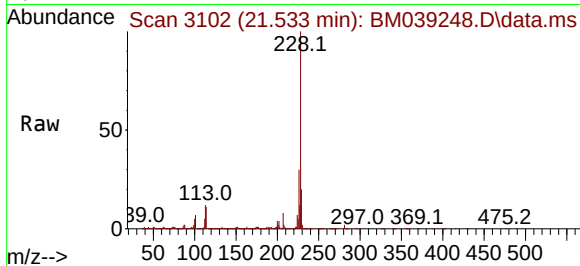




#83  
Chrysene  
Concen: 40.589 ng  
RT: 21.533 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

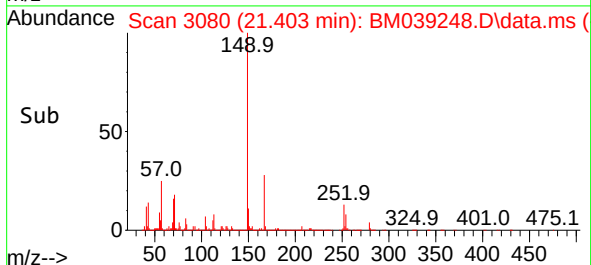
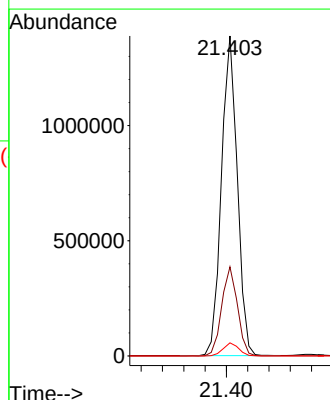
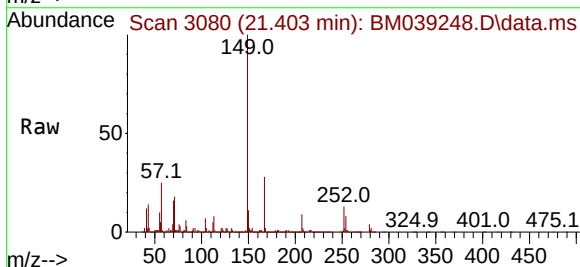
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

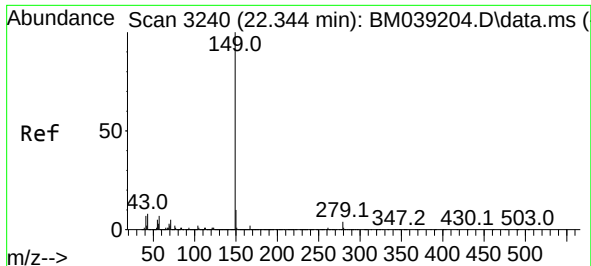
Tgt Ion:228 Resp: 2004665  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.1 36.1  
229 19.6 15.5 23.3



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.858 ng  
RT: 21.403 min Scan# 3080  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:149 Resp: 1427660  
Ion Ratio Lower Upper  
149 100  
167 27.8 22.3 33.5  
279 4.1 3.4 5.2

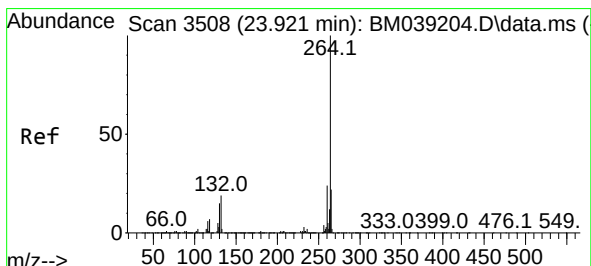
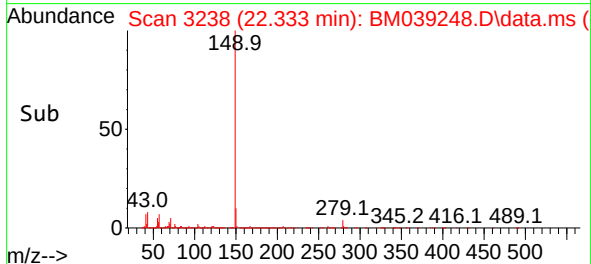
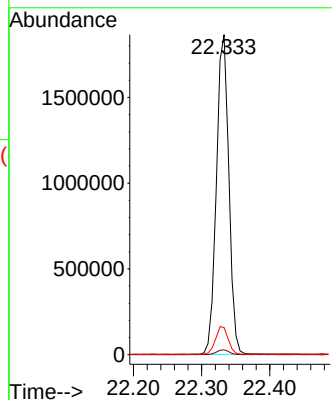
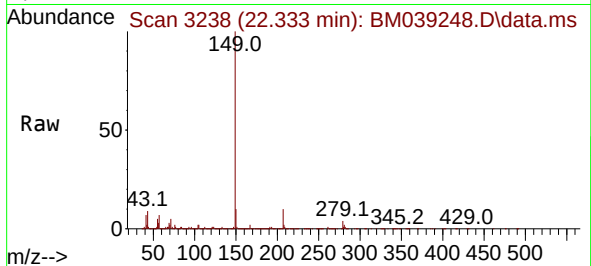




#85  
Di-n-octyl phthalate  
Concen: 37.577 ng  
RT: 22.333 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

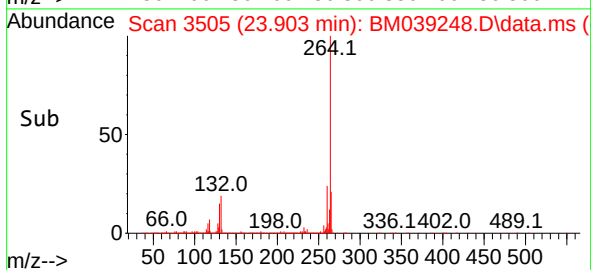
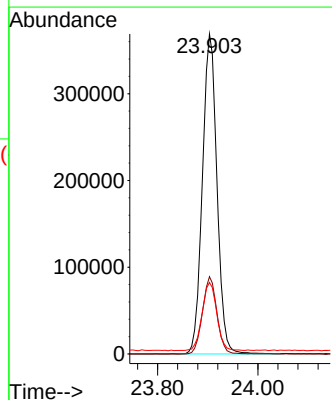
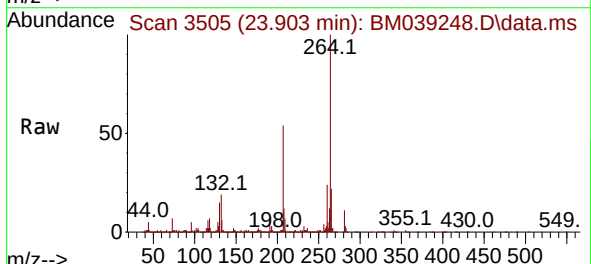
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

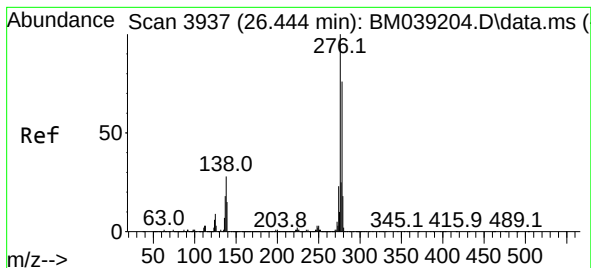
Tgt Ion:149 Resp: 2365639  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 8.8 6.9 10.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.903 min Scan# 3505  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:264 Resp: 744562  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.0 28.6  
265 22.4 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.287 ng

RT: 26.409 min Scan# 3931

Delta R.T. -0.006 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

Instrument :

BNA\_M

ClientSampleId :

PB151658BS

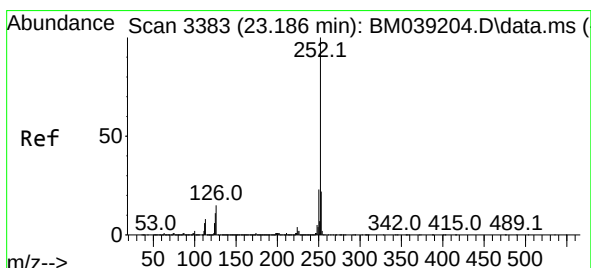
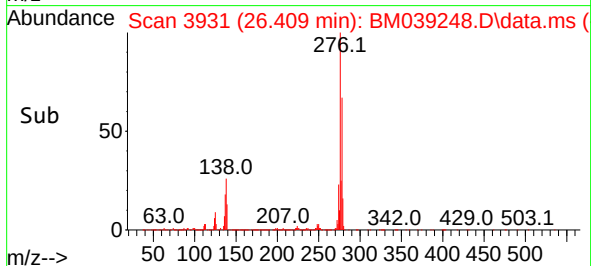
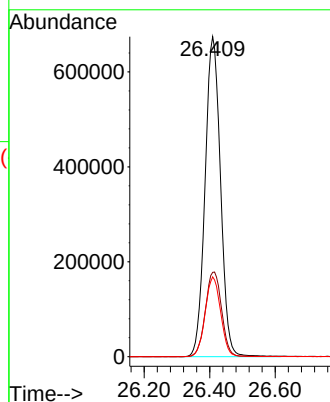
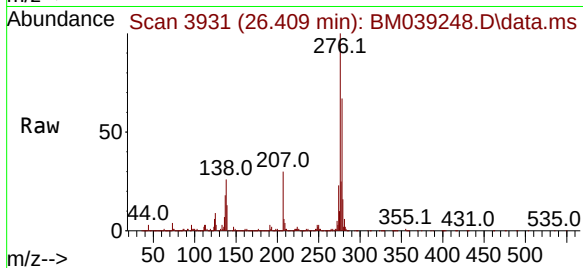
Tgt Ion:276 Resp: 2210115

Ion Ratio Lower Upper

276 100

138 28.0 22.2 33.2

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 45.126 ng

RT: 23.174 min Scan# 3381

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

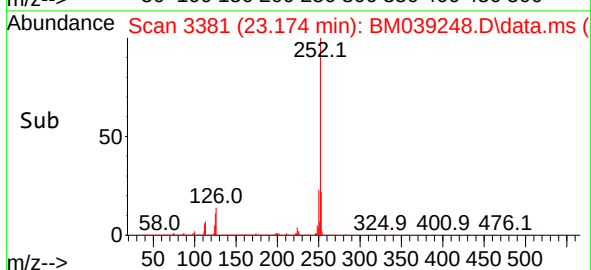
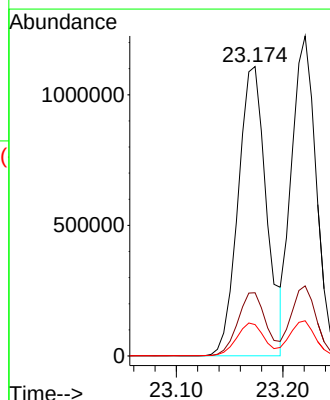
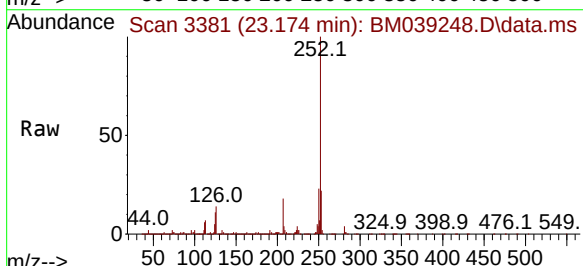
Tgt Ion:252 Resp: 2055873

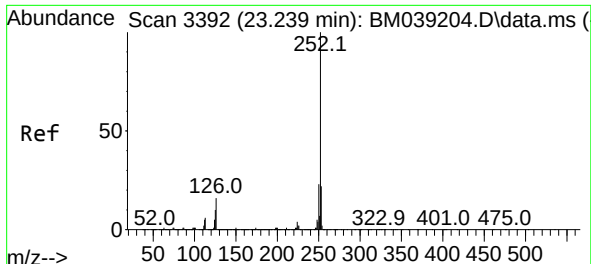
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.8 9.0 13.6

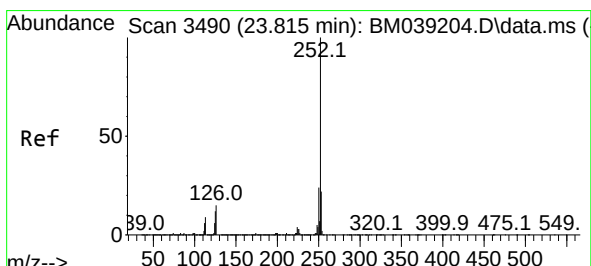
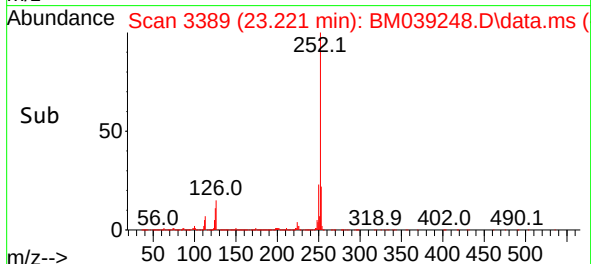
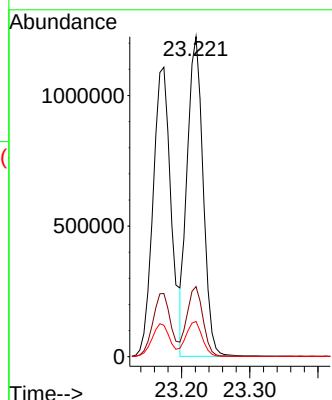
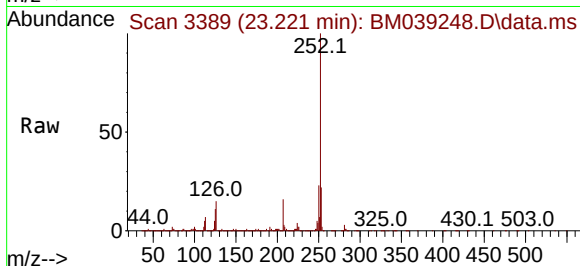




#89  
Benzo(k)fluoranthene  
Concen: 42.431 ng  
RT: 23.221 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

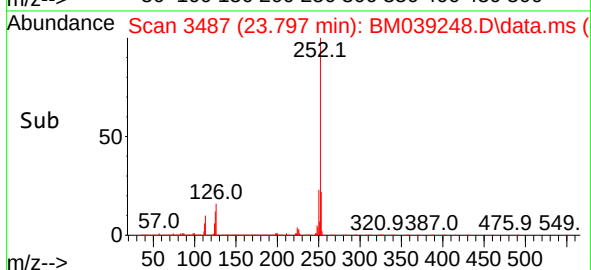
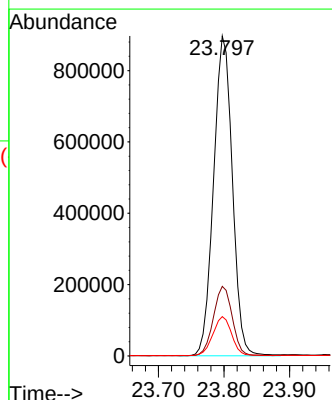
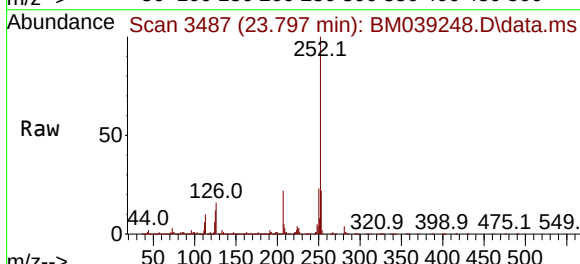
Instrument :  
BNA\_M  
ClientSampleId :  
PB151658BS

Tgt Ion:252 Resp: 1969029  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.8  
125 11.0 8.5 12.7

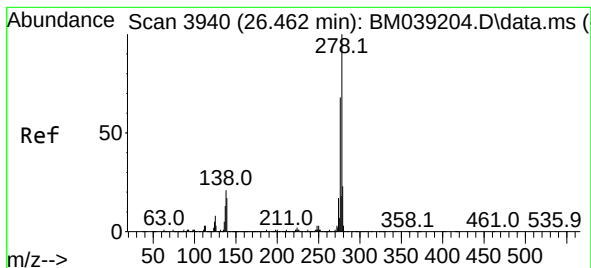


#90  
Benzo(a)pyrene  
Concen: 39.832 ng  
RT: 23.797 min Scan# 3487  
Delta R.T. -0.000 min  
Lab File: BM039248.D  
Acq: 31 Mar 2023 11:44

Tgt Ion:252 Resp: 1782691  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 12.3 9.8 14.6







#91

Dibenzo(a,h)anthracene

Concen: 40.384 ng

RT: 26.427 min Scan# 3940

Delta R.T. -0.000 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

Instrument :

BNA\_M

ClientSampleId :

PB151658BS

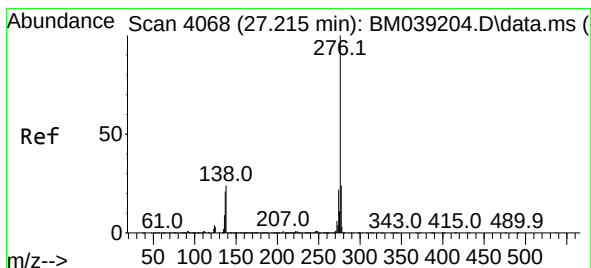
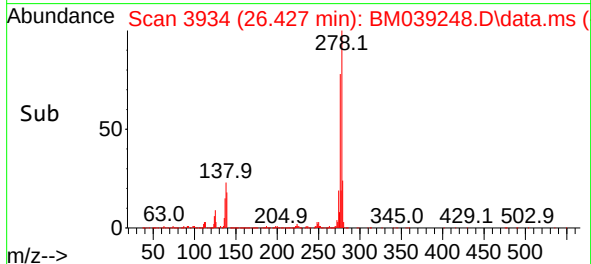
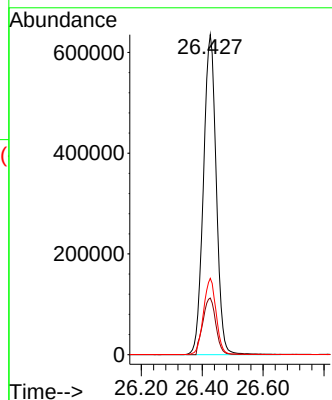
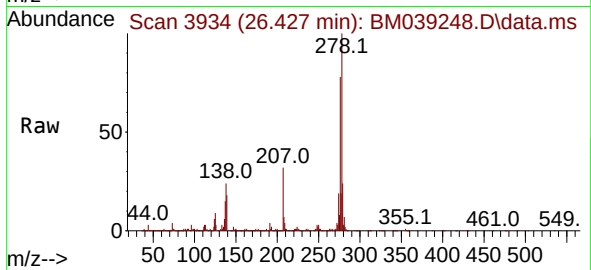
Tgt Ion:278 Resp: 1860266

Ion Ratio Lower Upper

278 100

139 17.7 13.9 20.9

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 39.375 ng

RT: 27.180 min Scan# 4062

Delta R.T. -0.006 min

Lab File: BM039248.D

Acq: 31 Mar 2023 11:44

Tgt Ion:276 Resp: 1783752

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 24.2 19.5 29.3

