

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111122\  
 Data File : BM037477.D  
 Acq On : 11 Nov 2022 21:17  
 Operator : CG/JU  
 Sample : N5531-08MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-33MS

Quant Time: Nov 11 22:59:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM102822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 11 22:49:50 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.804  | 152  | 260898   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.604 | 136  | 994955   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.451 | 164  | 530807   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.198 | 188  | 948173   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.380 | 240  | 877653   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.721 | 264  | 893238   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.381  | 112  | 1489616  | 98.641  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.987  | 99   | 1865574  | 91.022  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.975  | 82   | 1173575  | 59.510  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.945 | 330  | 694197   | 110.976 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.074 | 172  | 2429453  | 60.813  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.821 | 244  | 3078979  | 62.912  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.257  | 88   | 260642   | 42.149  | ng    | 97       |
| 3) Pyridine                   | 3.663  | 79   | 680754   | 36.951  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.581  | 42   | 341020   | 42.351  | ng    | 96       |
| 6) Aniline                    | 7.139  | 93   | 954411   | 38.091  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.369  | 128  | 817619   | 44.484  | ng    | 99       |
| 9) Benzaldehyde               | 6.951  | 77   | 429647   | 41.413  | ng    | 99       |
| 10) Phenol                    | 7.016  | 94   | 957081   | 41.674  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.239  | 93   | 769597   | 41.797  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.692  | 146  | 924165   | 46.014  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.839  | 146  | 945329   | 45.630  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.157  | 146  | 908807   | 45.675  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.057  | 79   | 641358   | 43.769  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.345  | 45   | 1082326  | 41.231  | ng    | 97       |
| 17) 2-Methylphenol            | 8.263  | 107  | 639222   | 42.591  | ng    | 98       |
| 18) Hexachloroethane          | 8.875  | 117  | 357104   | 48.876  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.622  | 70   | 573196   | 40.800  | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.592  | 107  | 844672   | 40.973  | ng    | 98       |
| 22) Acetophenone              | 8.639  | 105  | 1159983  | 44.855  | ng    | # 99     |
| 24) Nitrobenzene              | 9.022  | 77   | 851874   | 42.608  | ng    | 98       |
| 25) Isophorone                | 9.545  | 82   | 1484098  | 45.029  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.728  | 139  | 419771   | 46.899  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.792  | 122  | 682719   | 51.397  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.028 | 93   | 949456   | 46.300  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.263 | 162  | 686410   | 45.016  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.469 | 180  | 792485   | 45.831  | ng    | 99       |
| 31) Naphthalene               | 10.657 | 128  | 2399604  | 42.569  | ng    | 100      |
| 32) Benzoic acid              | 9.957  | 122  | 417918   | 36.522  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.780 | 127  | 572269   | 25.487  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.927 | 225  | 467914   | 48.461  | ng    | 98       |
| 35) Caprolactam               | 11.592 | 113  | 191337   | 41.276  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.916 | 107  | 649509   | 41.334  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.269 | 142  | 1597635  | 41.831  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.486 | 142  | 1497211  | 40.120  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.639 | 216  | 809739   | 50.736  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.604 | 237  | 998807   | 131.352 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.886 | 196  | 511018   | 46.512  | ng    | 99       |

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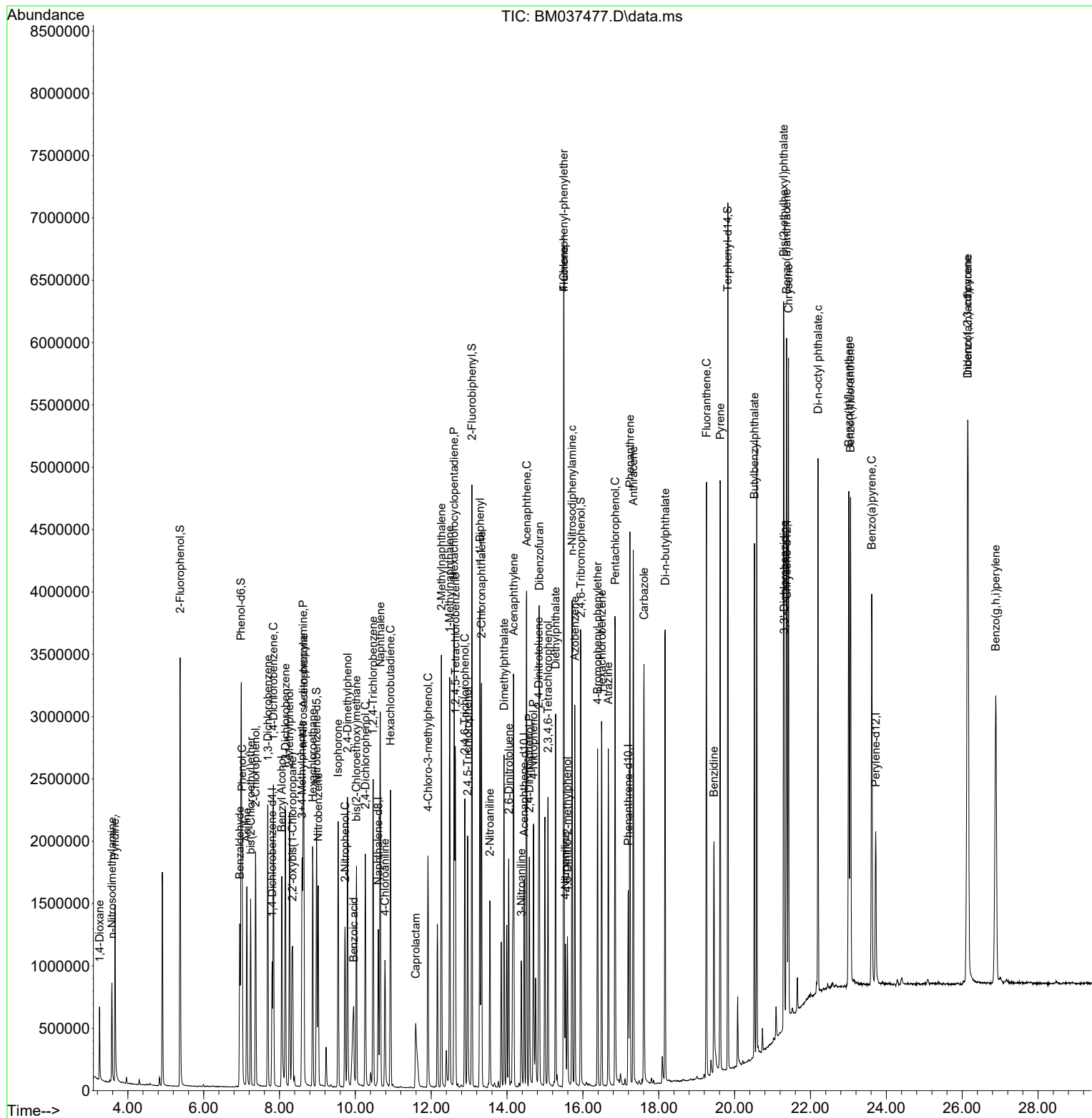
| Compound                       | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 12.963 | 196  | 540724   | 44.615  | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.286 | 154  | 2004697  | 46.800  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.327 | 162  | 1543088  | 45.268  | ng    | 100      |
| 48) 2-Nitroaniline             | 13.545 | 65   | 414160   | 42.044  | ng    | 98       |
| 49) Acenaphthylene             | 14.174 | 152  | 2339236  | 44.207  | ng    | 99       |
| 50) Dimethylphthalate          | 13.921 | 163  | 1707063  | 42.104  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.045 | 165  | 378516   | 44.085  | ng    | 97       |
| 52) Acenaphthene               | 14.515 | 154  | 1396786  | 42.698  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.374 | 138  | 278427   | 29.027  | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.586 | 184  | 411855   | 73.427  | ng    | 95       |
| 55) Dibenzofuran               | 14.851 | 168  | 2174740  | 43.161  | ng    | 100      |
| 56) 4-Nitrophenol              | 14.698 | 139  | 618310   | 80.803  | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.833 | 165  | 504794   | 44.680  | ng    | 97       |
| 58) Fluorene                   | 15.498 | 166  | 1770992  | 42.109  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.080 | 232  | 438075   | 43.125  | ng    | 98       |
| 60) Diethylphthalate           | 15.280 | 149  | 1656870  | 42.046  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.492 | 204  | 859332   | 44.164  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.539 | 138  | 319267   | 33.188  | ng    | 97       |
| 63) Azobenzene                 | 15.786 | 77   | 1596942  | 41.137  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph...  | 15.592 | 198  | 249171   | 38.748  | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.715 | 169  | 1427308  | 44.535  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.386 | 248  | 501739   | 47.155  | ng    | 99       |
| 68) Hexachlorobenzene          | 16.498 | 284  | 613447   | 47.640  | ng    | 94       |
| 69) Atrazine                   | 16.668 | 200  | 459366   | 56.965  | ng    | 99       |
| 70) Pentachlorophenol          | 16.851 | 266  | 699419   | 93.345  | ng    | 99       |
| 71) Phenanthrene               | 17.239 | 178  | 2474446  | 42.064  | ng    | 100      |
| 72) Anthracene                 | 17.327 | 178  | 2514139  | 45.145  | ng    | 99       |
| 73) Carbazole                  | 17.609 | 167  | 2216091  | 43.382  | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.168 | 149  | 2679944  | 47.511  | ng    | 99       |
| 75) Fluoranthene               | 19.256 | 202  | 2686446  | 43.203  | ng    | 98       |
| 77) Benzidine                  | 19.456 | 184  | 1358486  | 103.804 | ng    | 99       |
| 78) Pyrene                     | 19.621 | 202  | 2812614  | 41.675  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.521 | 149  | 1142763  | 47.414  | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.368 | 228  | 2628308  | 42.064  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.309 | 252  | 873316   | 47.588  | ng    | 98       |
| 83) Chrysene                   | 21.421 | 228  | 2487730  | 41.325  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha...  | 21.291 | 149  | 1688580  | 52.200  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.197 | 149  | 2728615  | 53.559  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene     | 26.144 | 276  | 3451651  | 47.195  | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 23.009 | 252  | 2705334  | 43.625  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.056 | 252  | 2618296  | 41.393  | ng    | 98       |
| 90) Benzo(a)pyrene             | 23.615 | 252  | 2343567  | 46.382  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 26.150 | 278  | 2947699  | 48.534  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.885 | 276  | 2935318  | 49.658  | ng    | 97       |

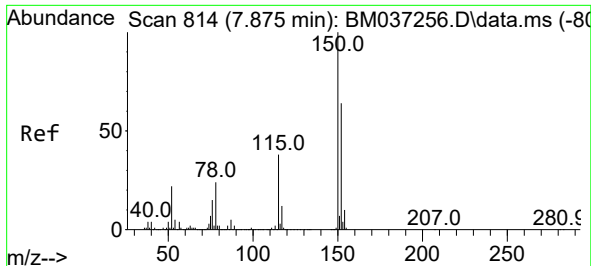
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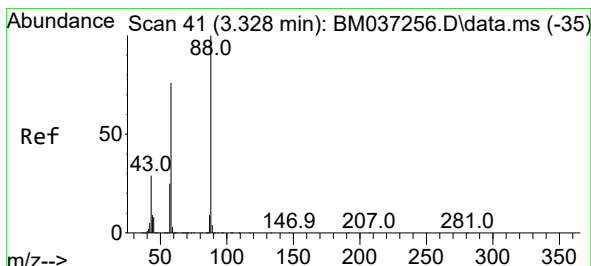
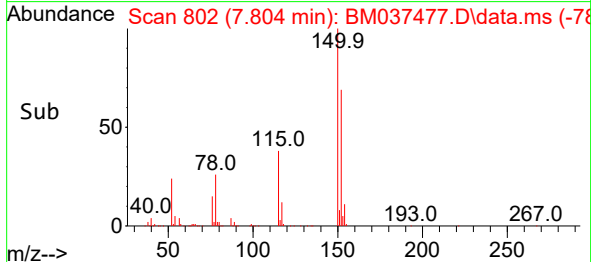
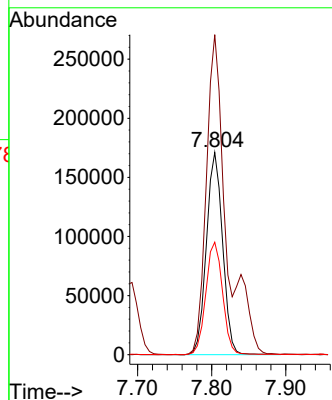
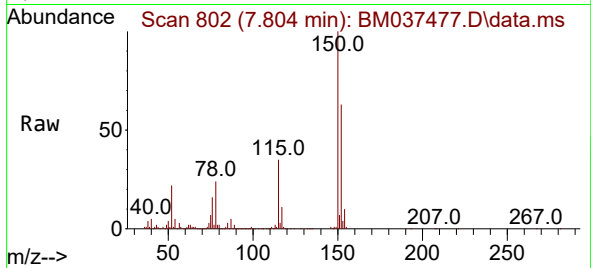




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.804 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

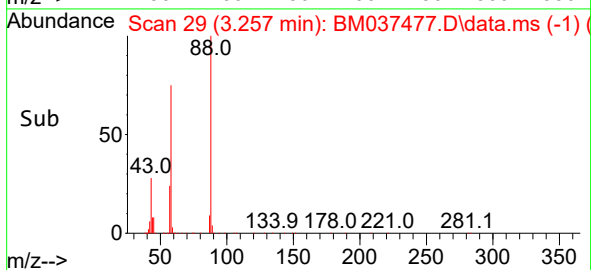
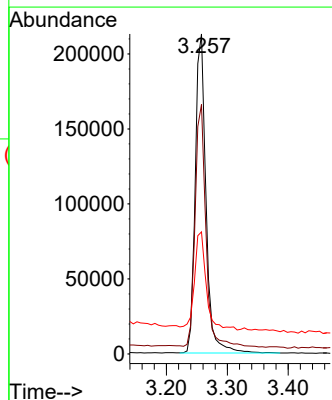
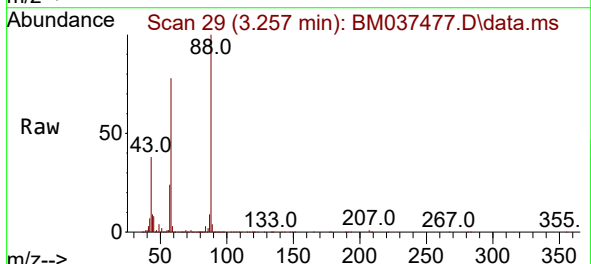
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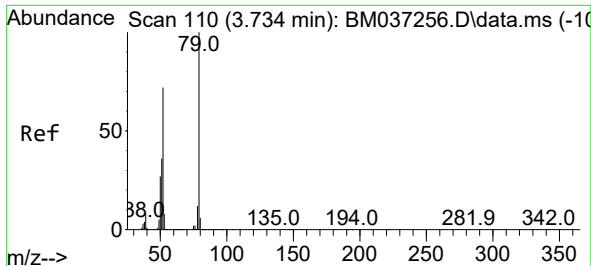
Tgt Ion:152 Resp: 260898  
Ion Ratio Lower Upper  
152 100  
150 158.2 124.8 187.2  
115 55.6 47.0 70.4



#2  
1,4-Dioxane  
Concen: 42.149 ng  
RT: 3.257 min Scan# 29  
Delta R.T. 0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion: 88 Resp: 260642  
Ion Ratio Lower Upper  
88 100  
58 76.8 63.5 95.3  
43 32.7 24.2 36.4

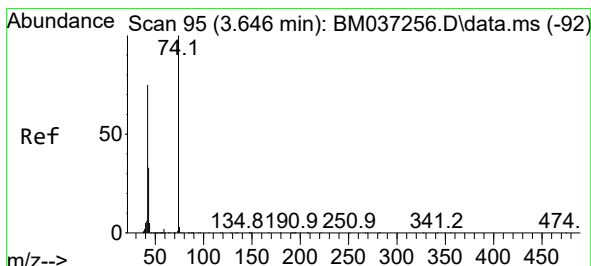
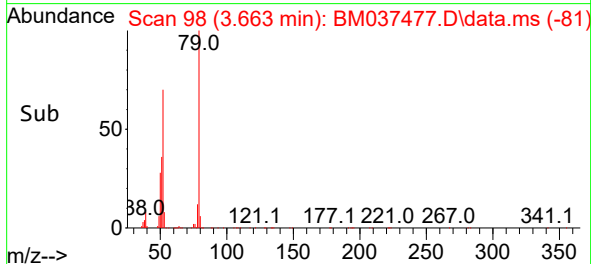
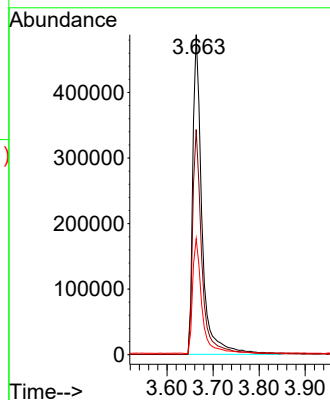
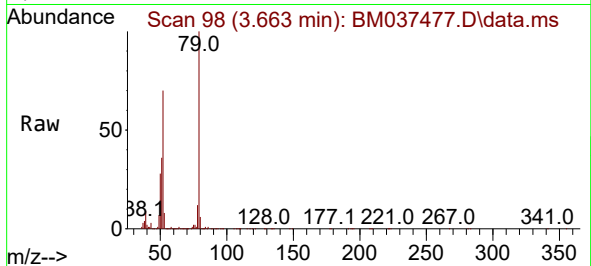




#3  
Pyridine  
Concen: 36.951 ng  
RT: 3.663 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

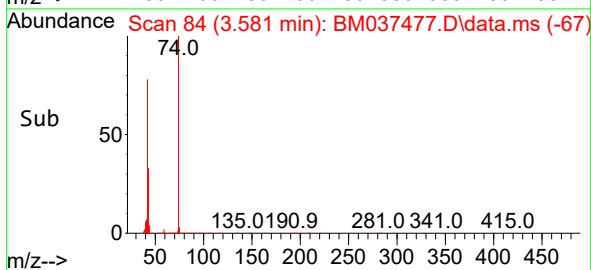
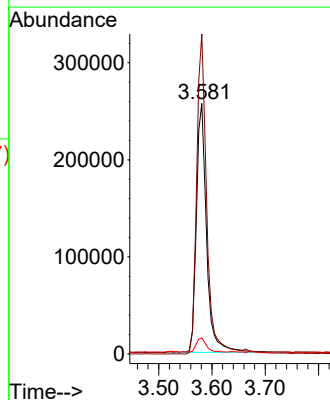
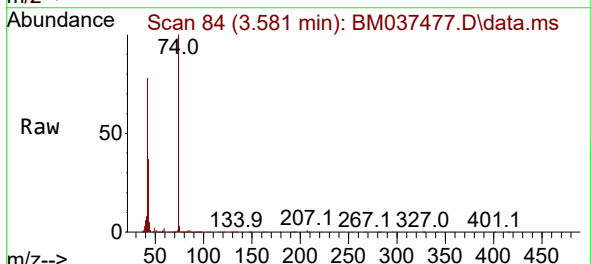
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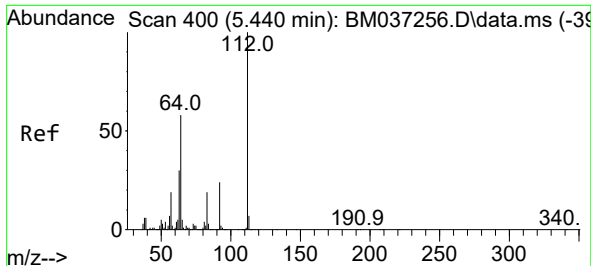
Tgt Ion: 79 Resp: 680754  
Ion Ratio Lower Upper  
79 100  
52 70.3 57.8 86.6  
51 36.3 29.0 43.6



#4  
n-Nitrosodimethylamine  
Concen: 42.351 ng  
RT: 3.581 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
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Tgt Ion: 42 Resp: 341020  
Ion Ratio Lower Upper  
42 100  
74 127.7 106.2 159.2  
44 6.4 5.4 8.0

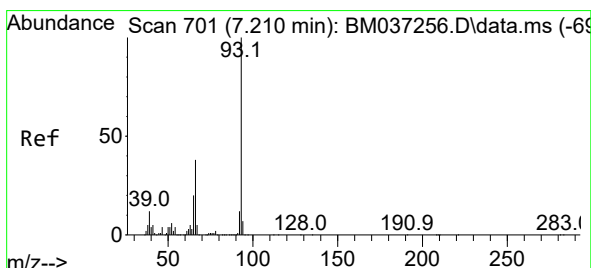
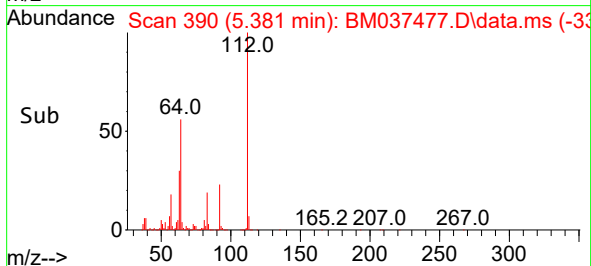
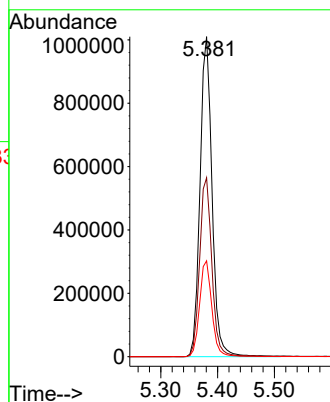
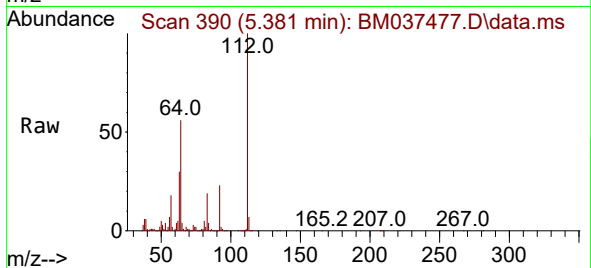




#5  
2-Fluorophenol  
Concen: 98.641 ng  
RT: 5.381 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

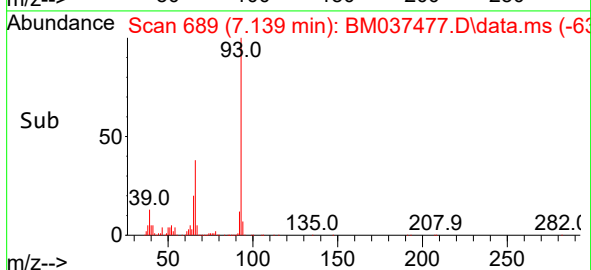
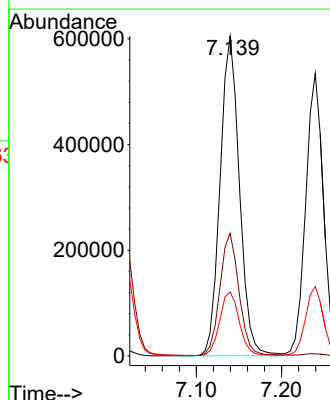
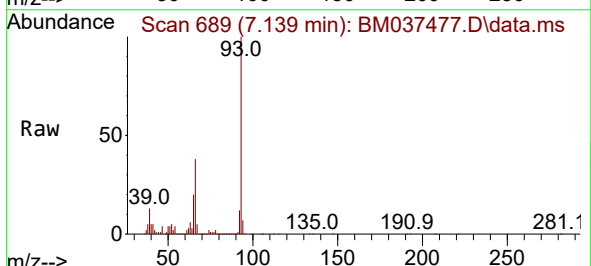
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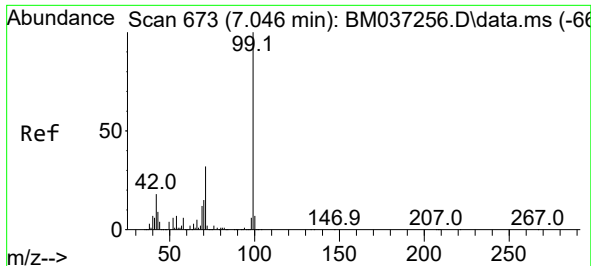
Tgt Ion:112 Resp: 1489616  
Ion Ratio Lower Upper  
112 100  
64 55.9 46.8 70.2  
63 29.9 24.4 36.6



#6  
Aniline  
Concen: 38.091 ng  
RT: 7.139 min Scan# 689  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
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Tgt Ion: 93 Resp: 954411  
Ion Ratio Lower Upper  
93 100  
66 38.3 30.4 45.6  
65 20.0 16.2 24.2

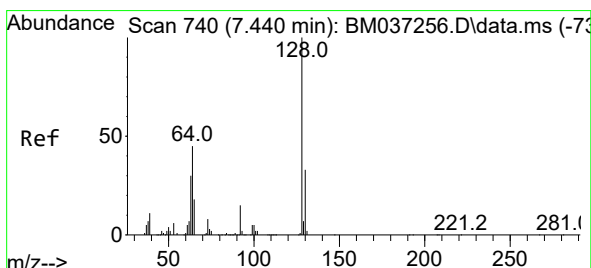
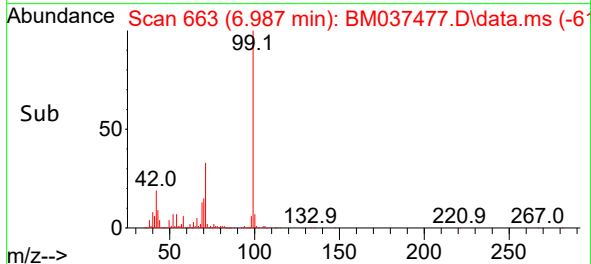
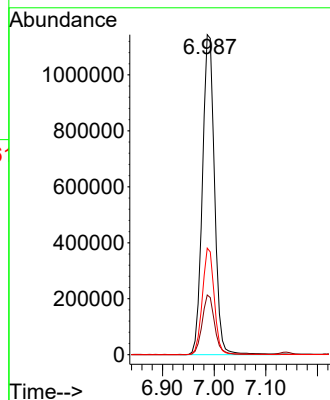
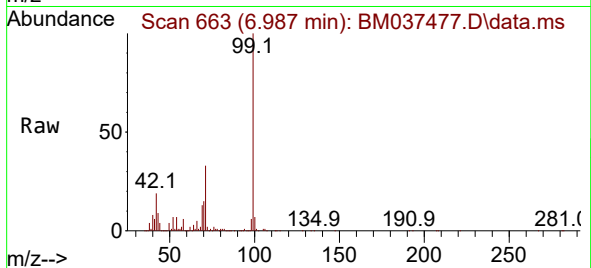




#7  
Phenol-d6  
Concen: 91.022 ng  
RT: 6.987 min Scan# 60  
Delta R.T. -0.006 min  
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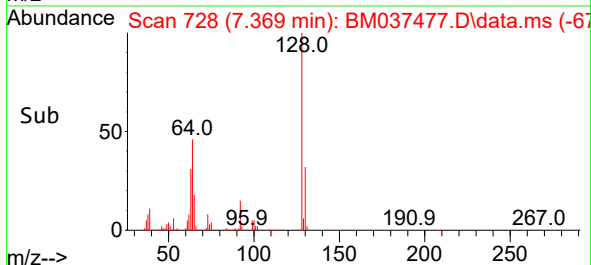
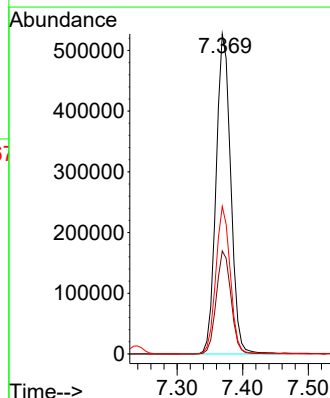
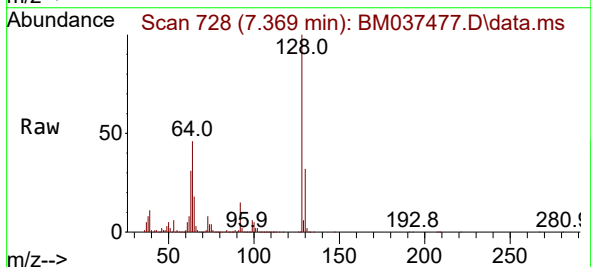
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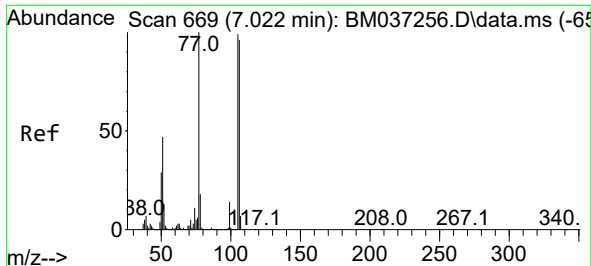
Tgt Ion: 99 Resp: 1865574  
Ion Ratio Lower Upper  
99 100  
42 18.7 14.8 22.2  
71 33.3 25.6 38.4



#8  
2-Chlorophenol  
Concen: 44.484 ng  
RT: 7.369 min Scan# 728  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion: 128 Resp: 817619  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.7 52.7  
64 46.1 26.4 66.4

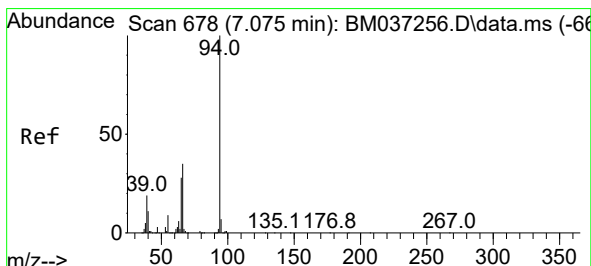
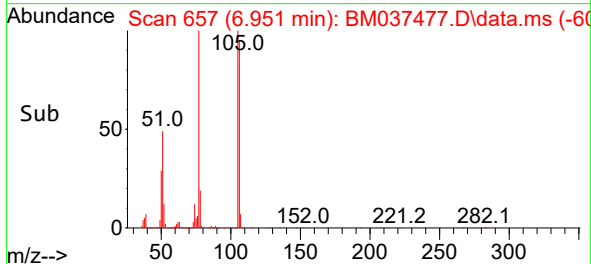
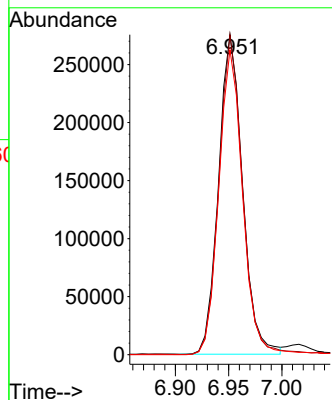
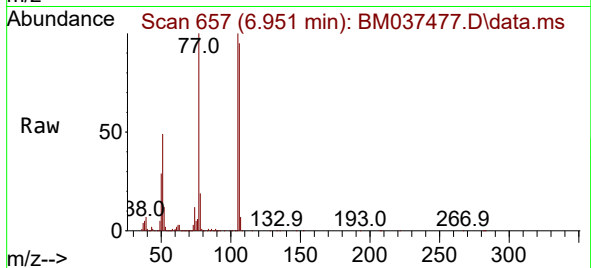




#9  
Benzaldehyde  
Concen: 41.413 ng  
RT: 6.951 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

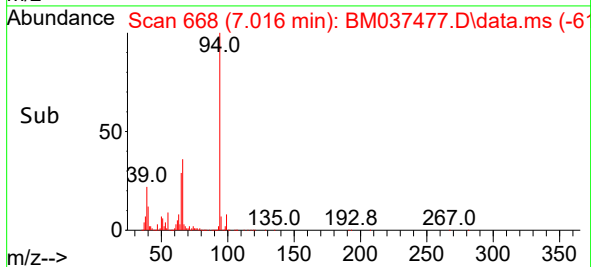
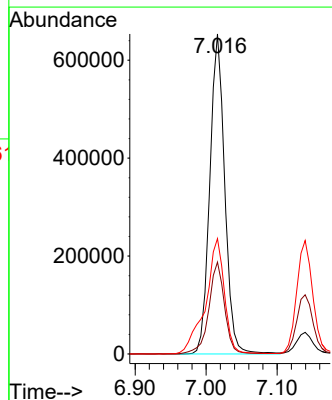
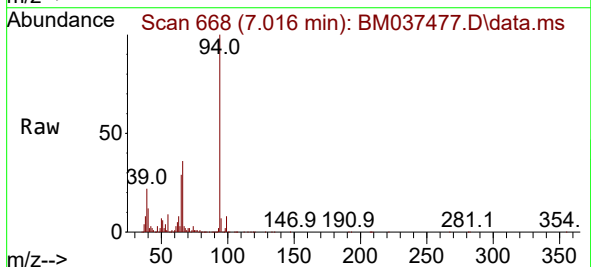
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

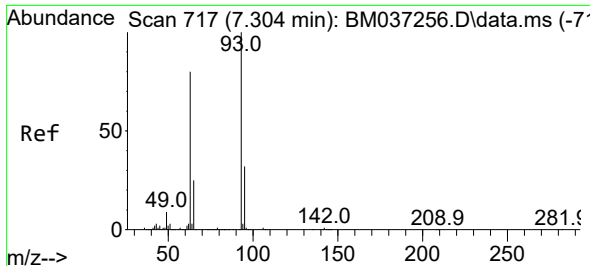
Tgt Ion: 77 Resp: 429647  
Ion Ratio Lower Upper  
77 100  
105 99.9 78.6 118.6  
106 95.2 75.8 115.8



#10  
Phenol  
Concen: 41.674 ng  
RT: 7.016 min Scan# 668  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion: 94 Resp: 957081  
Ion Ratio Lower Upper  
94 100  
65 28.7 8.1 48.1  
66 36.1 15.5 55.5

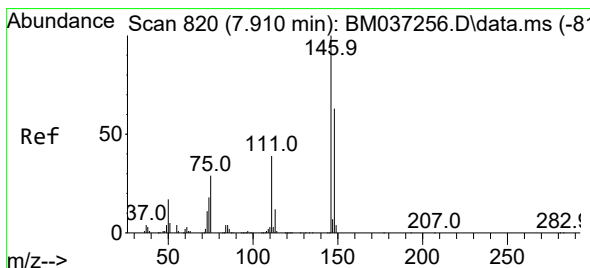
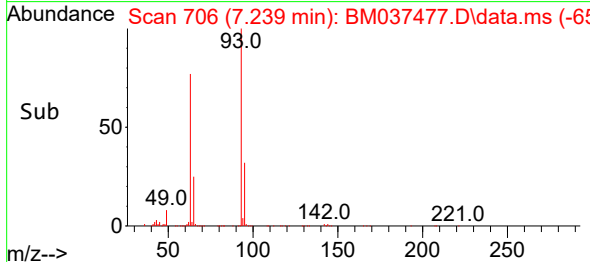
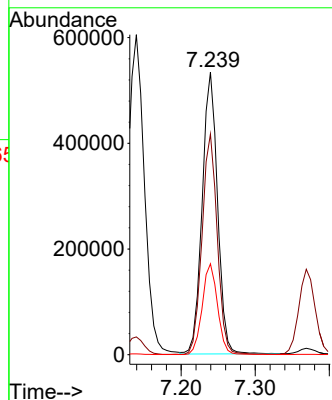
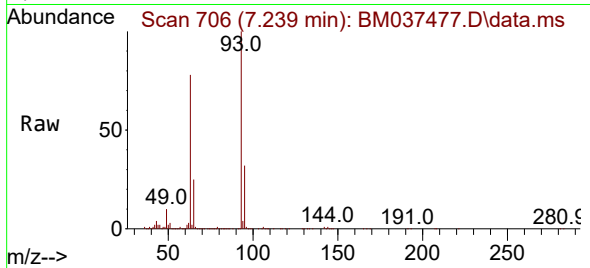




#11  
bis(2-Chloroethyl)ether  
Concen: 41.797 ng  
RT: 7.239 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

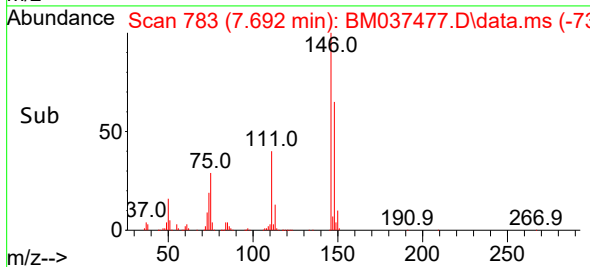
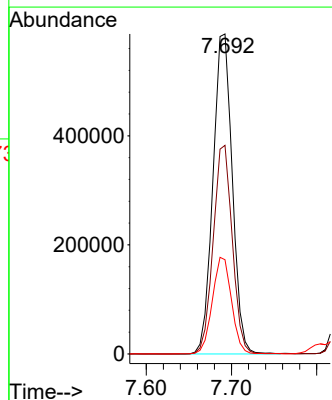
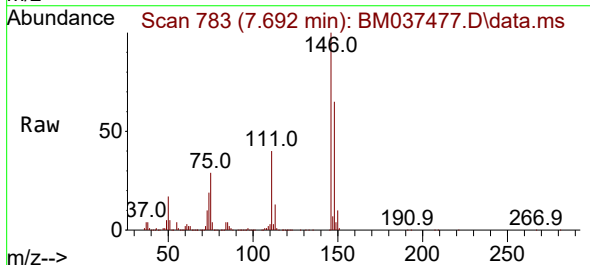
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ClientSampleId :  
SB-33MS

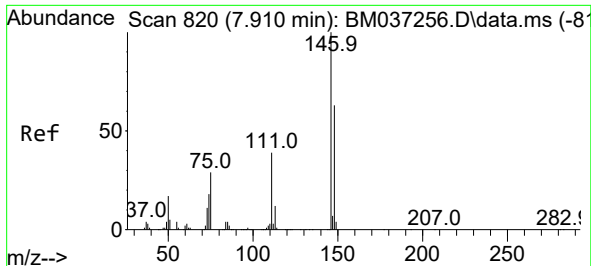
Tgt Ion: 93 Resp: 769597  
Ion Ratio Lower Upper  
93 100  
63 78.1 59.3 99.3  
95 32.2 12.0 52.0



#12  
1,3-Dichlorobenzene  
Concen: 46.014 ng  
RT: 7.692 min Scan# 783  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion: 146 Resp: 924165  
Ion Ratio Lower Upper  
146 100  
148 65.2 50.5 75.7  
75 29.4 24.5 36.7

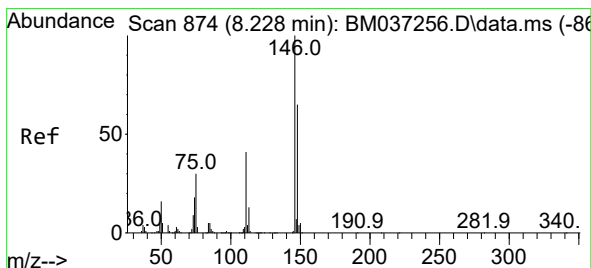
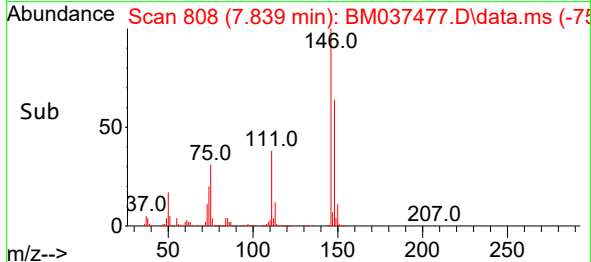
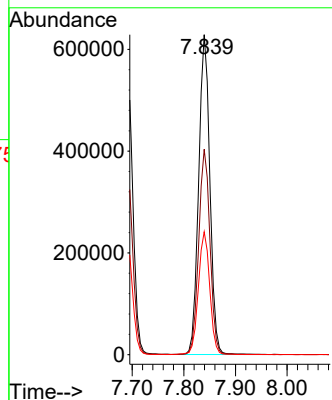
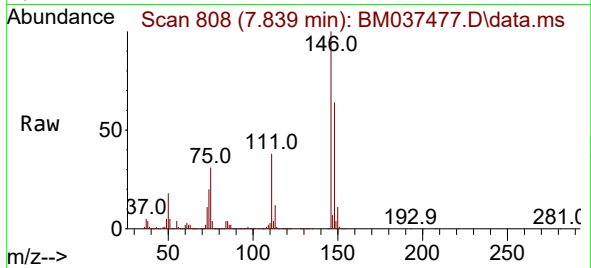




#13  
1,4-Dichlorobenzene  
Concen: 45.630 ng  
RT: 7.839 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

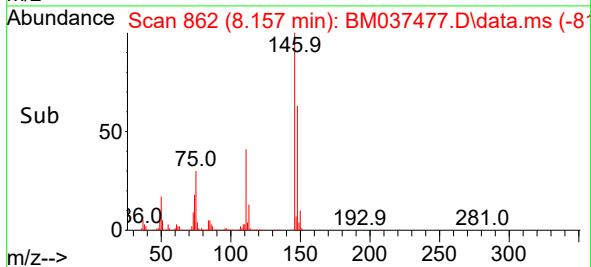
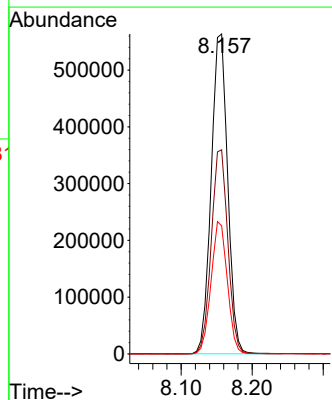
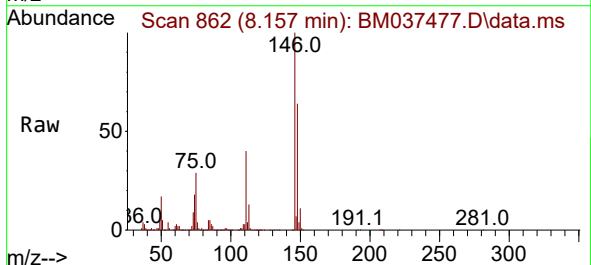
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

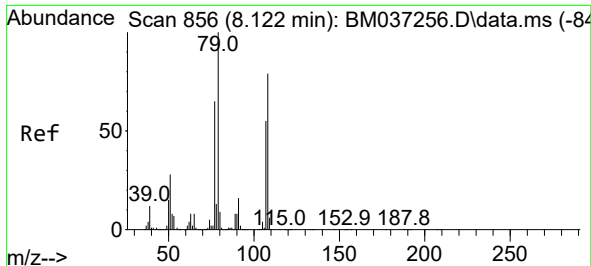
Tgt Ion:146 Resp: 945329  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.5 75.7  
111 38.4 31.1 46.7



#14  
1,2-Dichlorobenzene  
Concen: 45.675 ng  
RT: 8.157 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:146 Resp: 908807  
Ion Ratio Lower Upper  
146 100  
148 63.8 52.4 78.6  
111 40.1 33.0 49.6

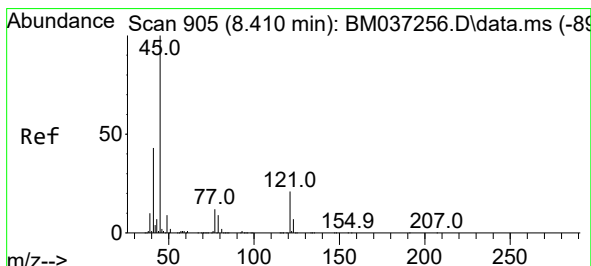
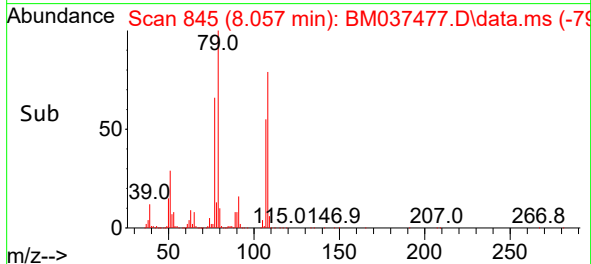
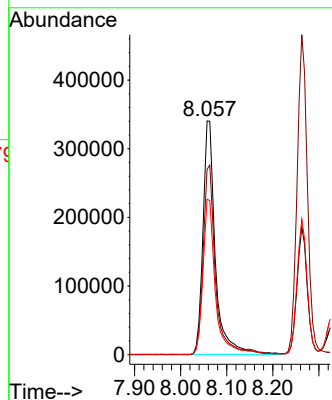
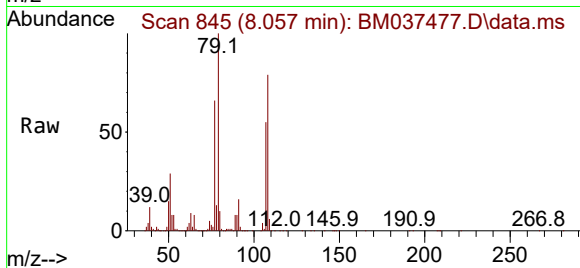




#15  
Benzyl Alcohol  
Concen: 43.769 ng  
RT: 8.057 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

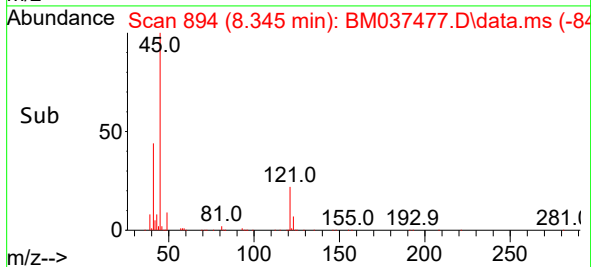
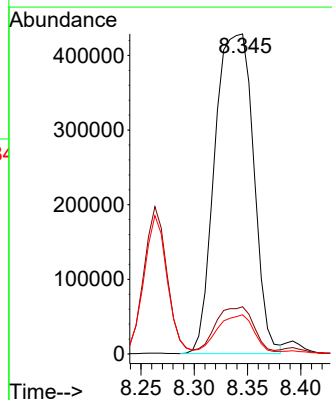
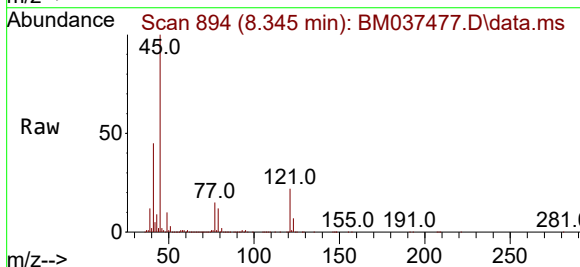
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

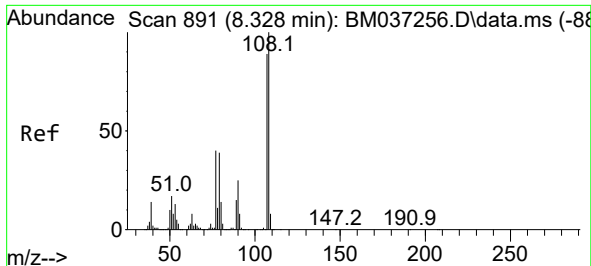
Tgt Ion: 79 Resp: 641358  
Ion Ratio Lower Upper  
79 100  
108 79.3 63.1 94.7  
77 66.5 51.7 77.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.231 ng  
RT: 8.345 min Scan# 894  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion: 45 Resp: 1082326  
Ion Ratio Lower Upper  
45 100  
77 14.7 0.0 34.0  
79 12.2 0.0 30.6



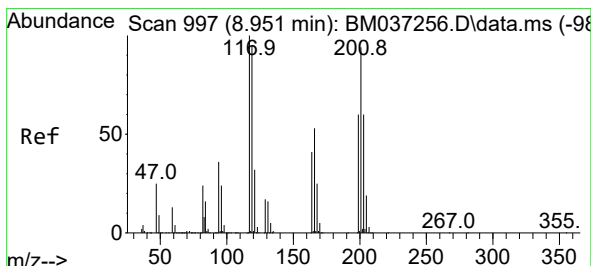
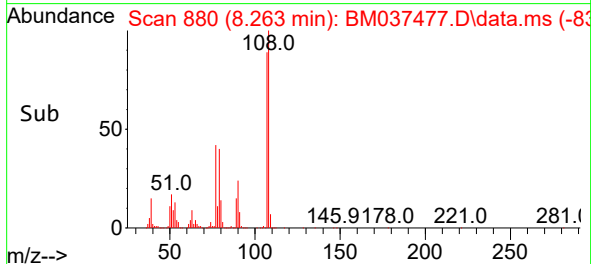
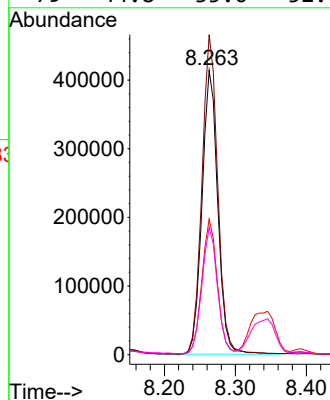
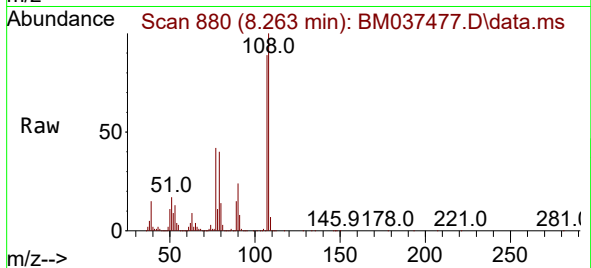


#17  
2-Methylphenol  
Concen: 42.591 ng  
RT: 8.263 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

Tgt Ion:107 Resp: 639222

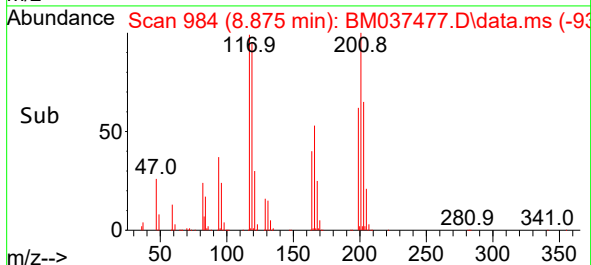
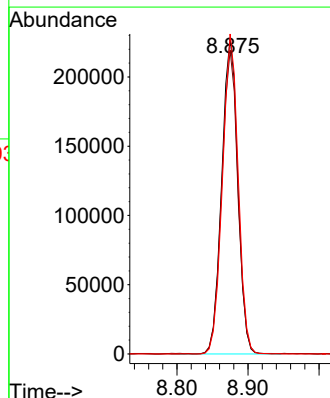
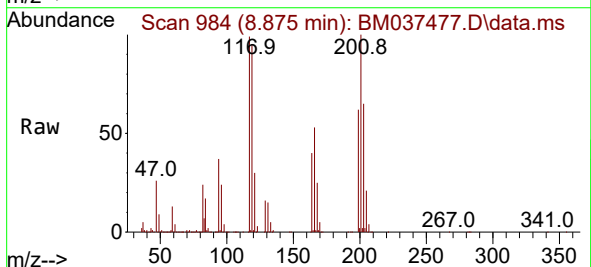
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 112.5 | 89.5  | 134.3 |
| 77  | 47.7  | 36.2  | 54.2  |
| 79  | 44.8  | 35.0  | 52.6  |

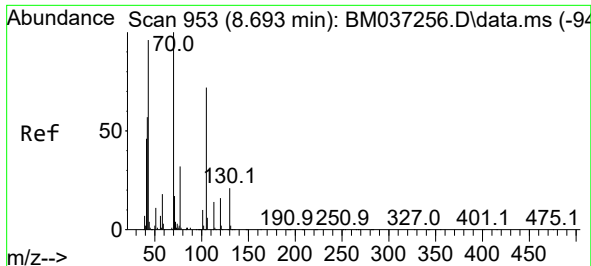


#18  
Hexachloroethane  
Concen: 48.876 ng  
RT: 8.875 min Scan# 984  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:117 Resp: 357104

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.2  | 75.9  | 113.9 |
| 201 | 101.3 | 75.0  | 112.4 |

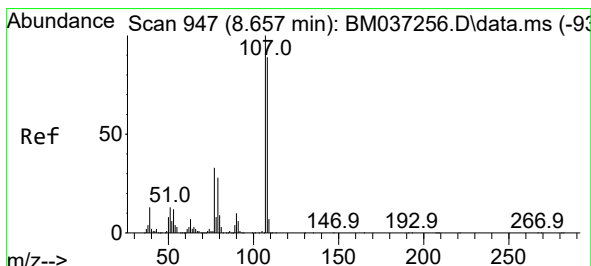
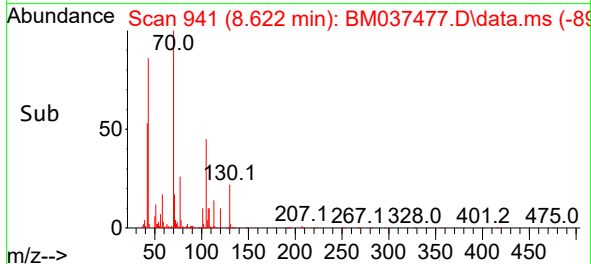
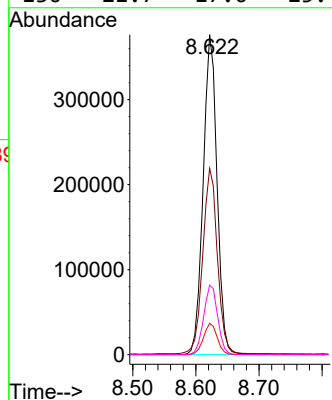
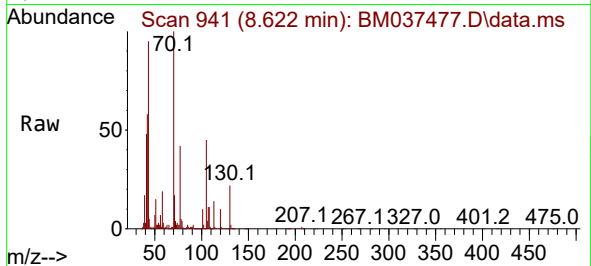




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.800 ng  
RT: 8.622 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

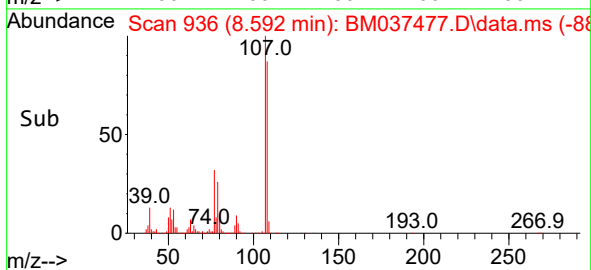
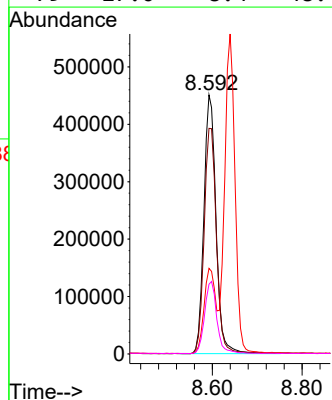
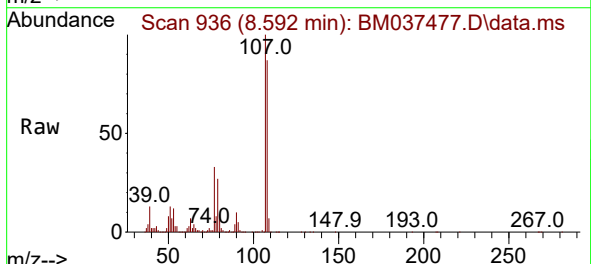
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

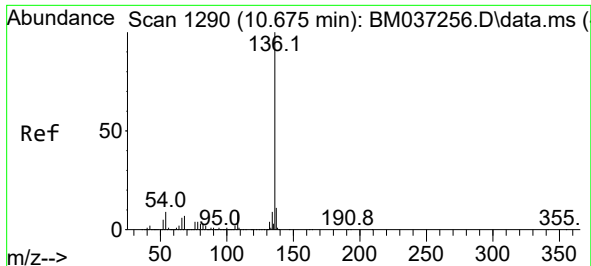
Tgt Ion: 70 Resp: 573196  
Ion Ratio Lower Upper  
70 100  
42 58.2 46.4 69.6  
101 9.8 7.8 11.8  
130 21.7 17.0 25.4



#20  
3+4-Methylphenols  
Concen: 40.973 ng  
RT: 8.592 min Scan# 936  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion: 107 Resp: 844672  
Ion Ratio Lower Upper  
107 100  
108 87.1 69.4 109.4  
77 33.0 12.8 52.8  
79 27.0 8.4 48.4

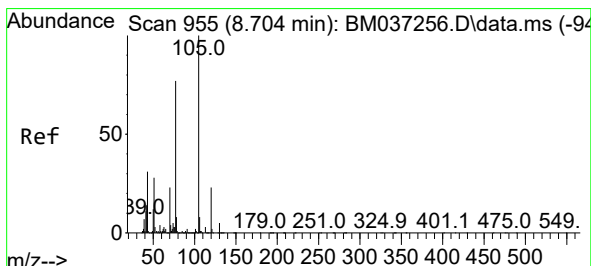
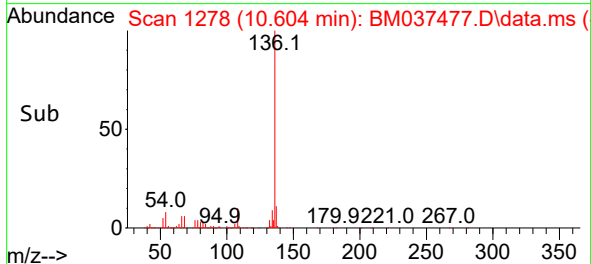
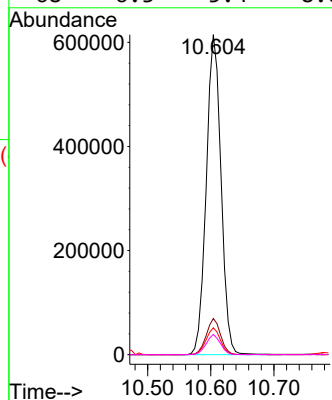
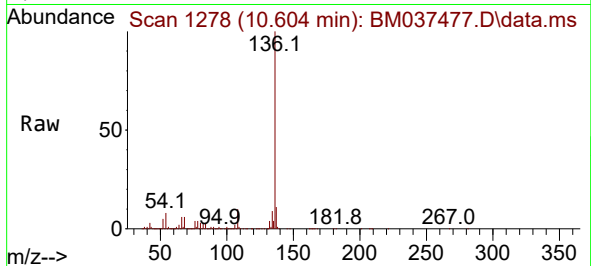




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.604 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

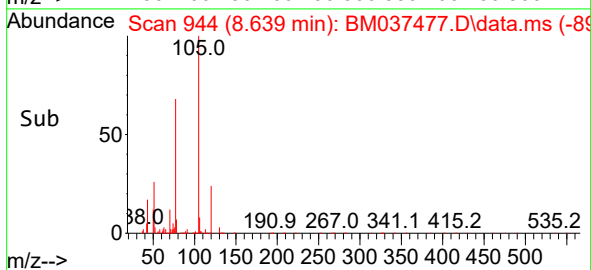
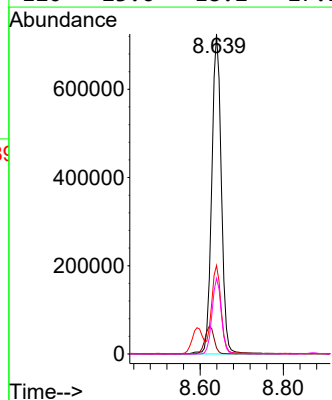
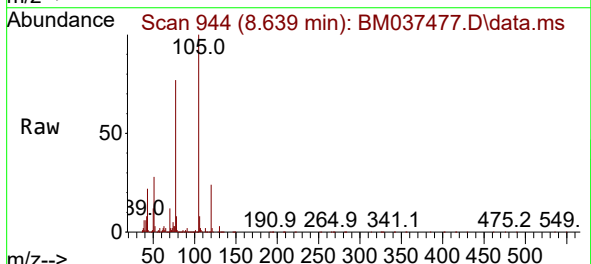
Instrument :  
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ClientSampleId :  
SB-33MS

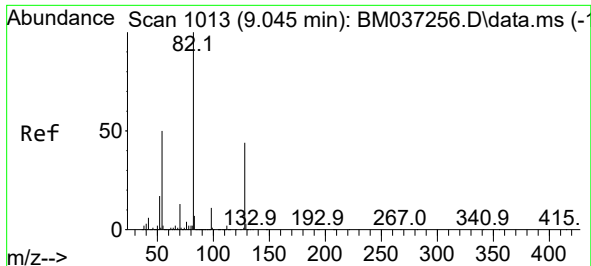
Tgt Ion:136 Resp: 994955  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.0 13.4  
54 8.4 7.0 10.4  
68 6.3 5.4 8.0



#22  
Acetophenone  
Concen: 44.855 ng  
RT: 8.639 min Scan# 944  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:105 Resp: 1159983  
Ion Ratio Lower Upper  
105 100  
71 1.9 3.0 4.4#  
51 27.7 22.1 33.1  
120 23.6 18.2 27.2

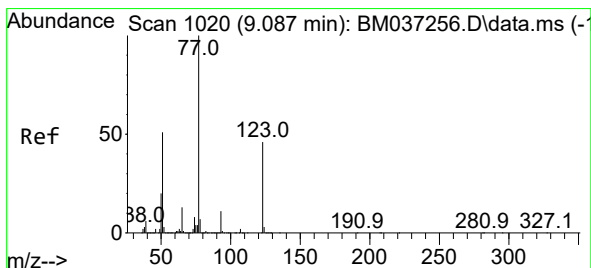
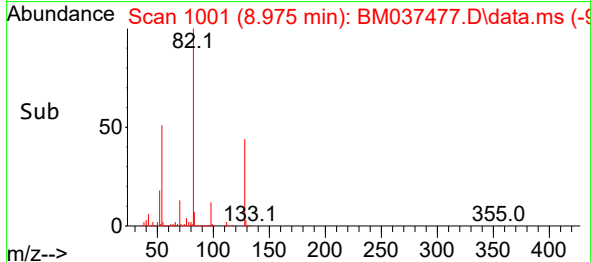
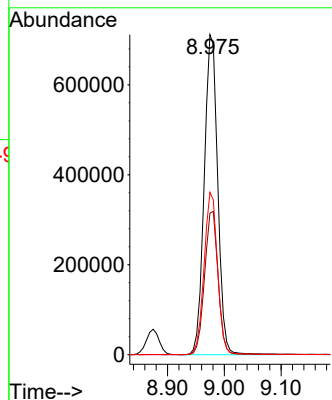
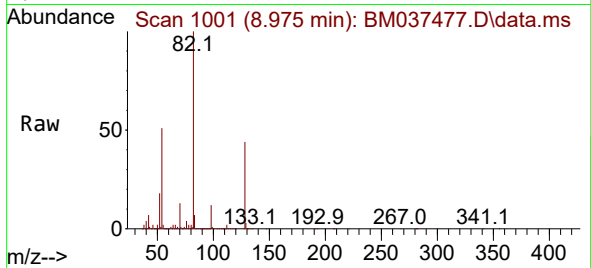




#23  
Nitrobenzene-d5  
Concen: 59.510 ng  
RT: 8.975 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

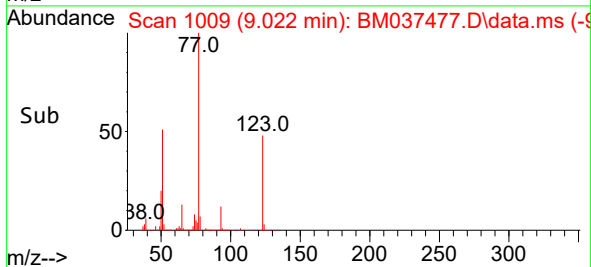
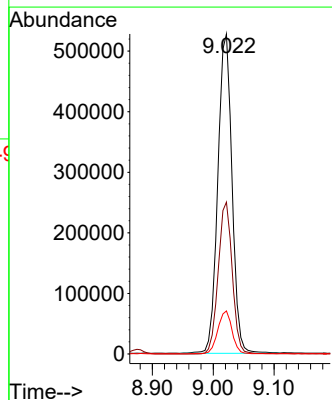
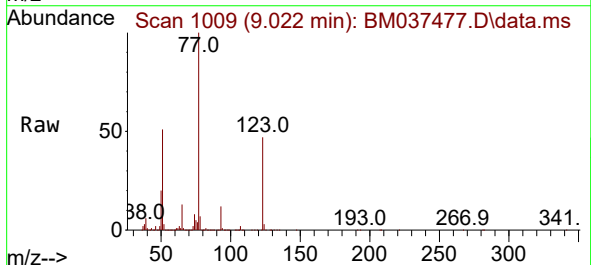
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

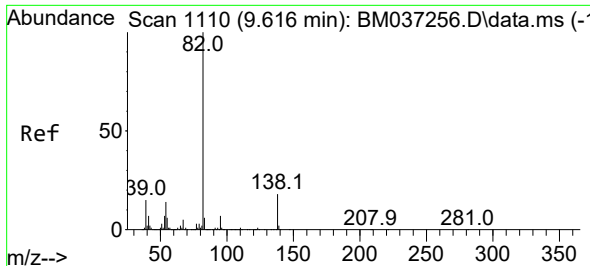
Tgt Ion: 82 Resp: 1173575  
Ion Ratio Lower Upper  
82 100  
128 44.2 35.2 52.8  
54 50.7 40.4 60.6



#24  
Nitrobenzene  
Concen: 42.608 ng  
RT: 9.022 min Scan# 1009  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion: 77 Resp: 851874  
Ion Ratio Lower Upper  
77 100  
123 47.4 36.6 55.0  
65 13.5 10.6 16.0

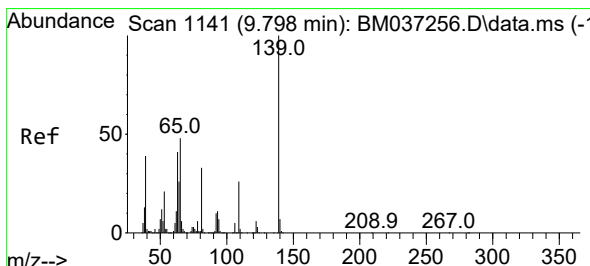
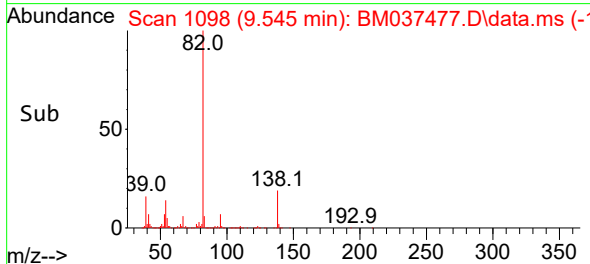
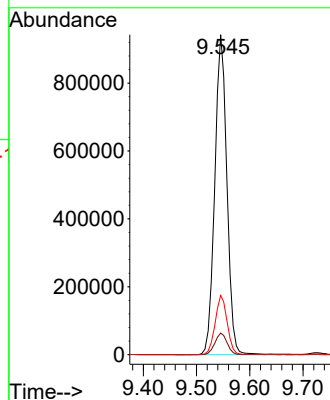
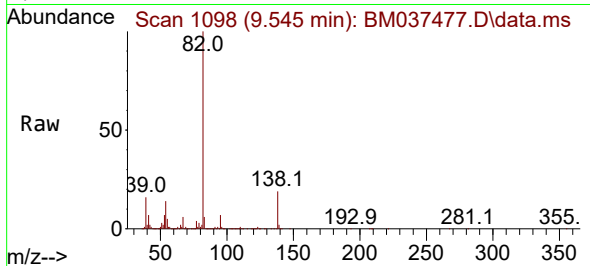




#25  
Isophorone  
Concen: 45.029 ng  
RT: 9.545 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

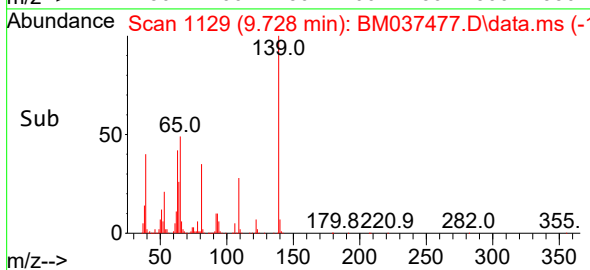
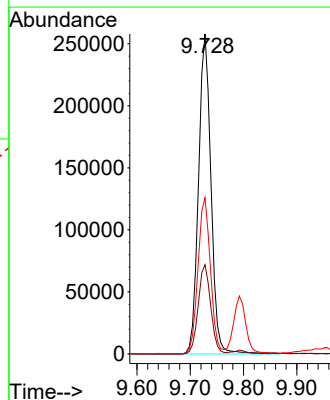
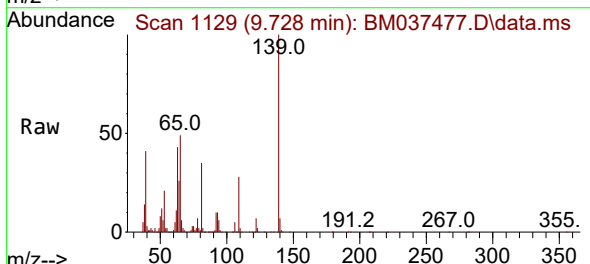
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

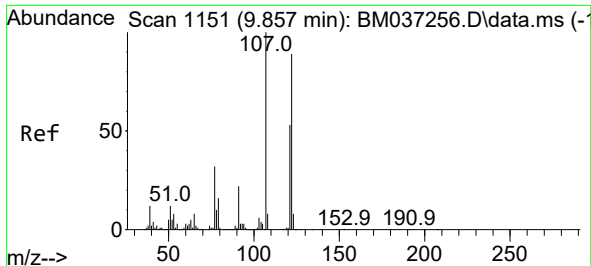
Tgt Ion: 82 Resp: 1484098  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.4 8.0  
138 18.5 14.2 21.4



#26  
2-Nitrophenol  
Concen: 46.899 ng  
RT: 9.728 min Scan# 1129  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion: 139 Resp: 419771  
Ion Ratio Lower Upper  
139 100  
109 27.9 21.1 31.7  
65 48.9 38.6 58.0

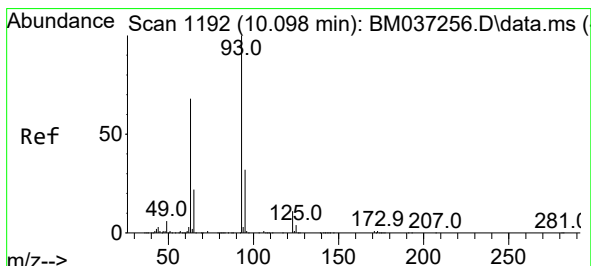
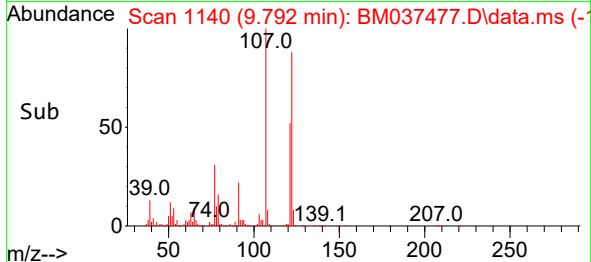
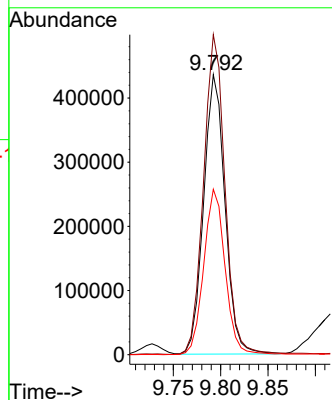
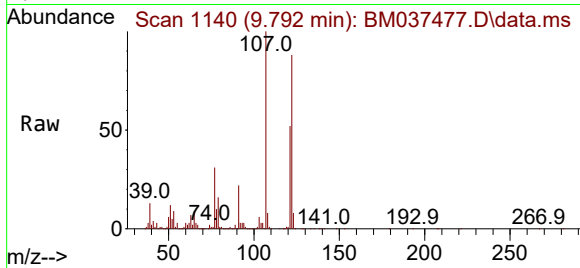




#27  
2,4-Dimethylphenol  
Concen: 51.397 ng  
RT: 9.792 min Scan# 1151  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

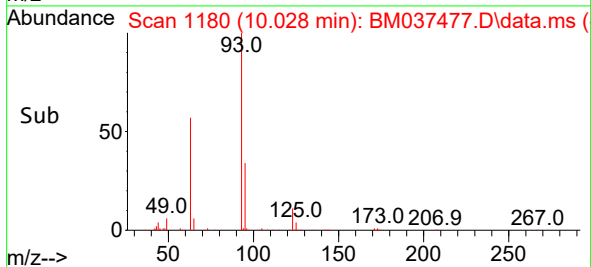
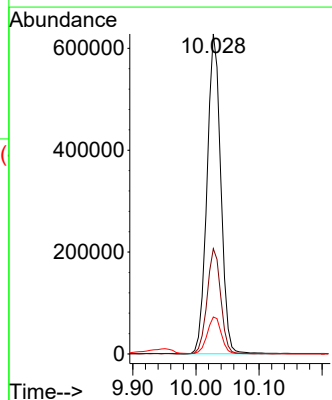
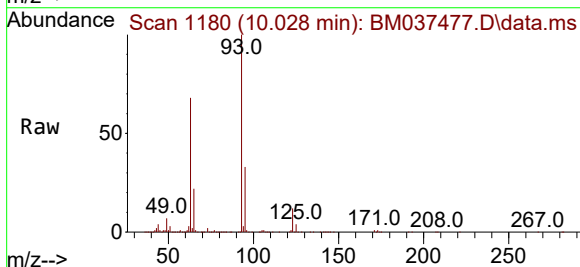
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

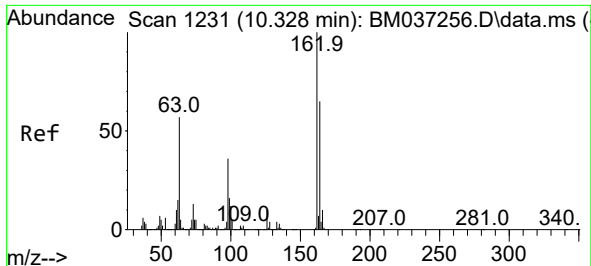
Tgt Ion:122 Resp: 682719  
Ion Ratio Lower Upper  
122 100  
107 114.3 89.7 134.5  
121 59.1 47.1 70.7



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.300 ng  
RT: 10.028 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion: 93 Resp: 949456  
Ion Ratio Lower Upper  
93 100  
95 32.9 25.8 38.8  
123 11.5 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 45.016 ng

RT: 10.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037477.D

Acq: 11 Nov 2022 21:17

Instrument :

BNA\_M

ClientSampleId :

SB-33MS

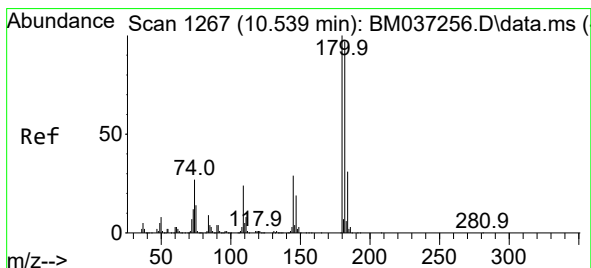
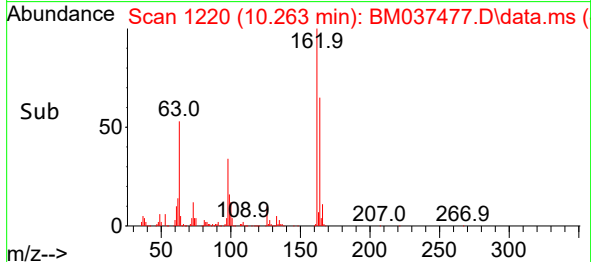
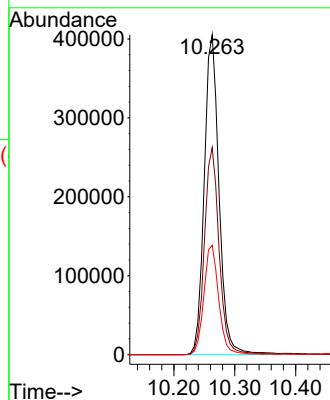
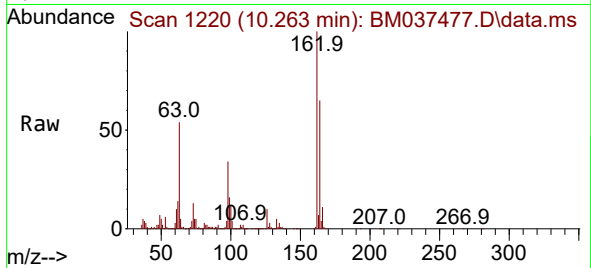
Tgt Ion:162 Resp: 686410

Ion Ratio Lower Upper

162 100

164 64.7 45.0 85.0

98 34.2 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 45.831 ng

RT: 10.469 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BM037477.D

Acq: 11 Nov 2022 21:17

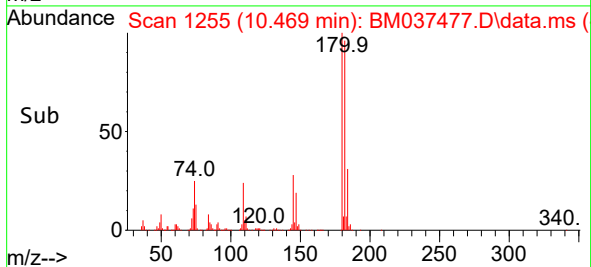
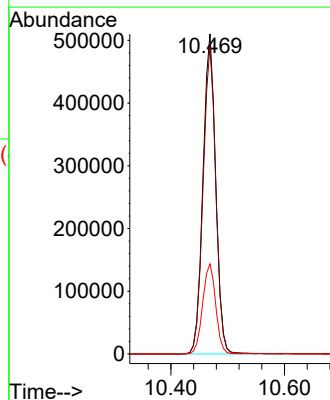
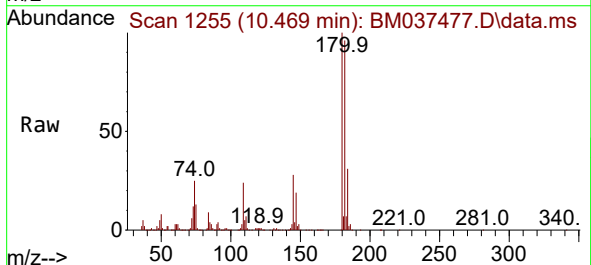
Tgt Ion:180 Resp: 792485

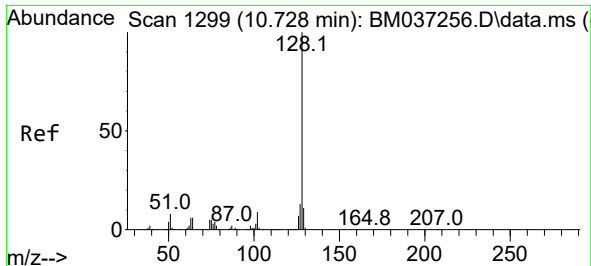
Ion Ratio Lower Upper

180 100

182 96.1 77.5 116.3

145 28.2 23.5 35.3

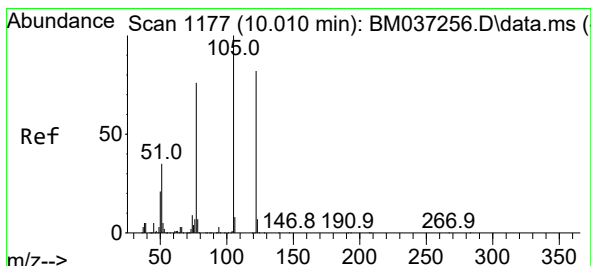
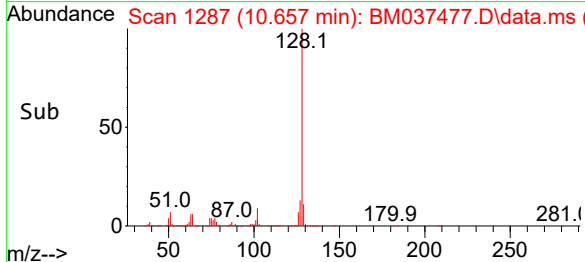
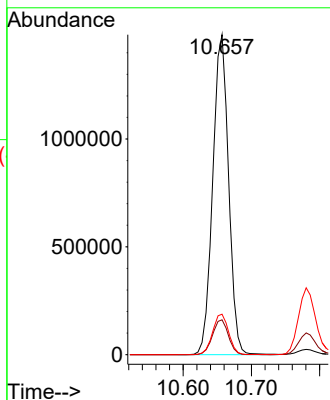
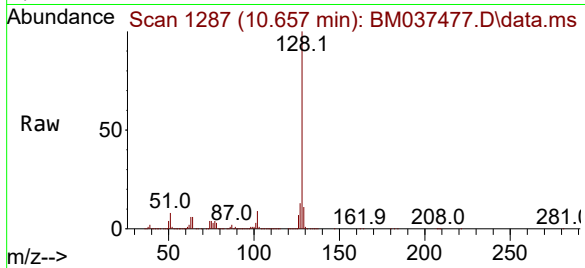




#31  
Naphthalene  
Concen: 42.569 ng  
RT: 10.657 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

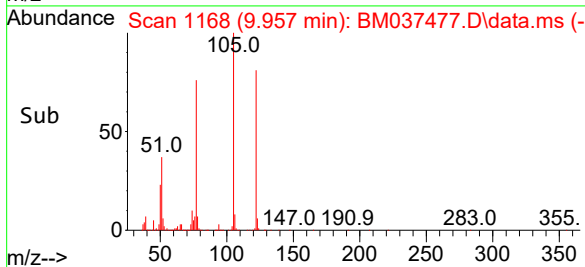
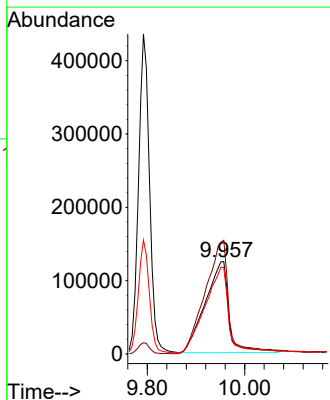
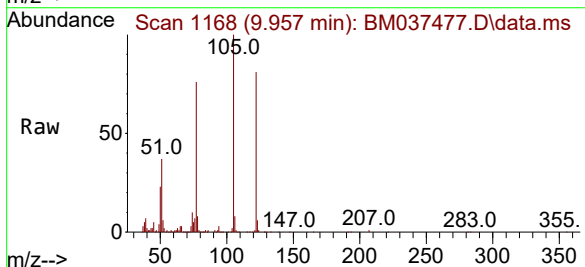
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

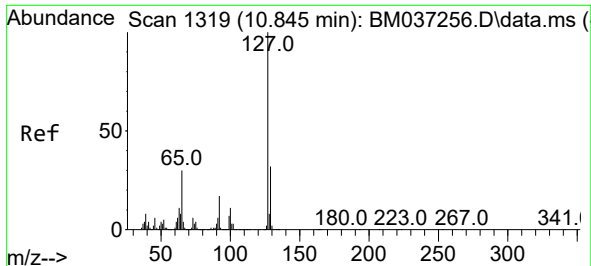
Tgt Ion:128 Resp: 2399604  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 12.7 10.2 15.2



#32  
Benzoic acid  
Concen: 36.522 ng  
RT: 9.957 min Scan# 1168  
Delta R.T. -0.024 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:122 Resp: 417918  
Ion Ratio Lower Upper  
122 100  
105 123.1 100.1 140.1  
77 93.6 71.7 111.7

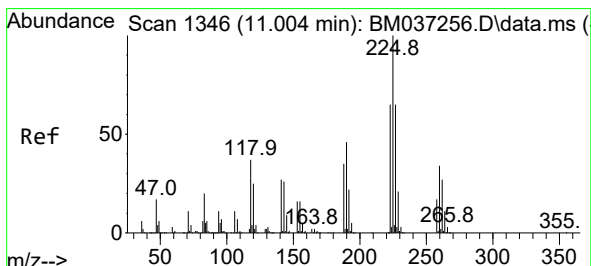
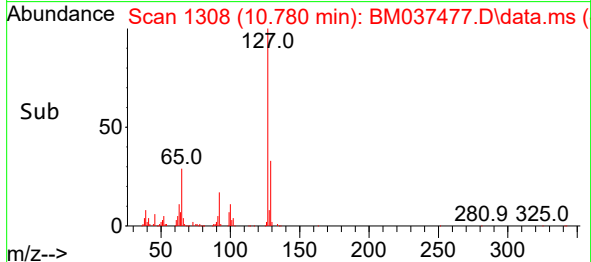
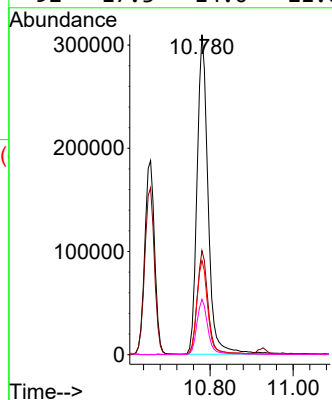
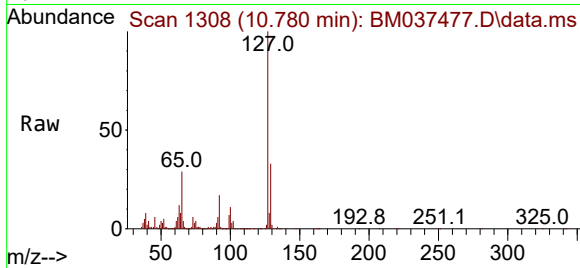




#33  
4-Chloroaniline  
Concen: 25.487 ng  
RT: 10.780 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

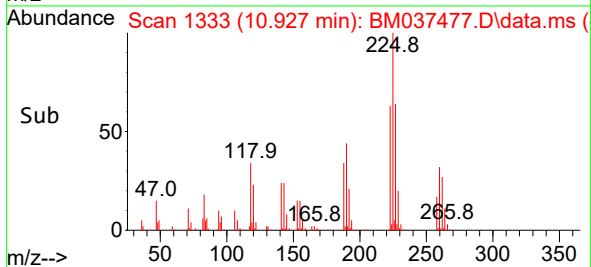
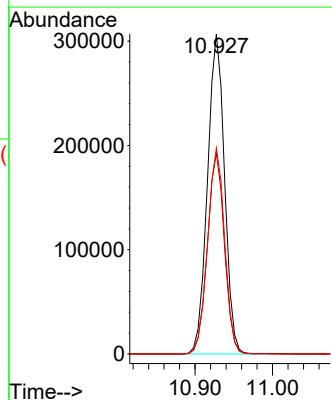
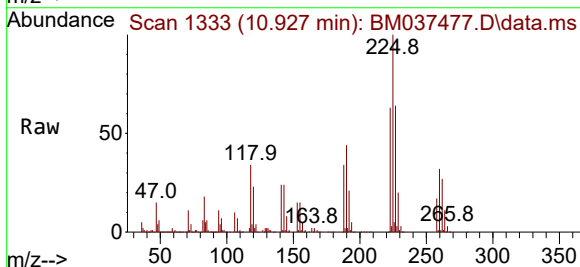
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

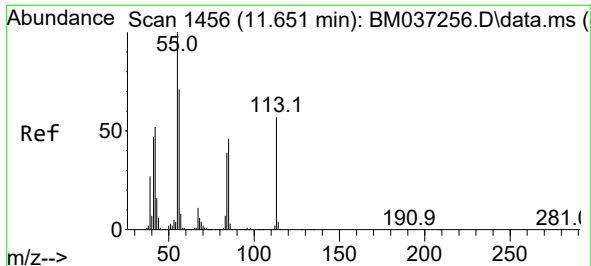
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:127 | Resp: | 572269 |
| Ion | Ratio   | Lower | Upper  |
| 127 | 100     |       |        |
| 129 | 32.5    | 25.5  | 38.3   |
| 65  | 29.4    | 24.0  | 36.0   |
| 92  | 17.3    | 14.0  | 21.0   |



#34  
Hexachlorobutadiene  
Concen: 48.461 ng  
RT: 10.927 min Scan# 1333  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 467914 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 62.8    | 51.9 77.9    |
| 227 64.4    | 52.2 78.4    |

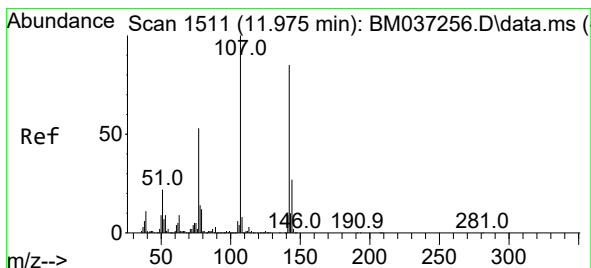
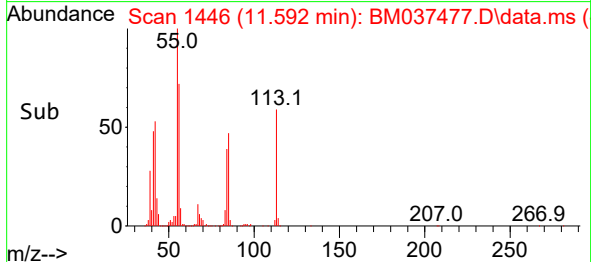
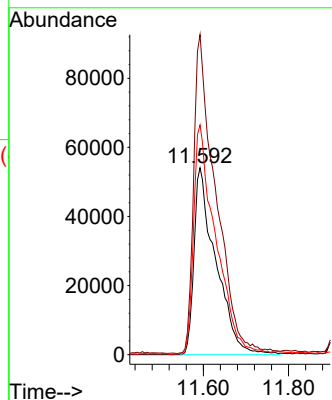
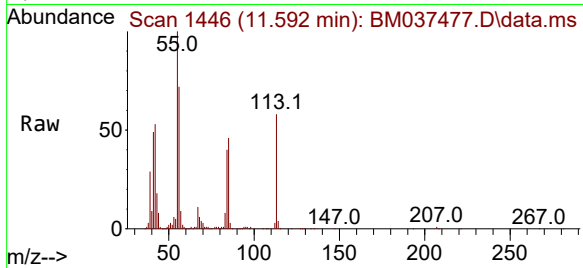




#35  
 Caprolactam  
 Concen: 41.276 ng  
 RT: 11.592 min Scan# 1456  
 Delta R.T. -0.024 min  
 Lab File: BM037477.D  
 Acq: 11 Nov 2022 21:17

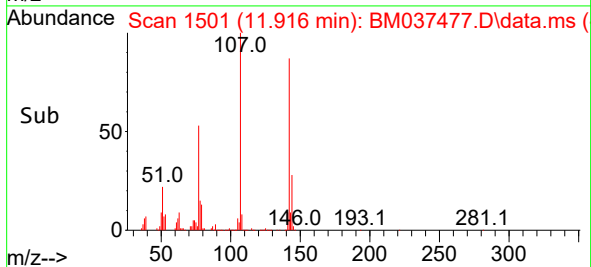
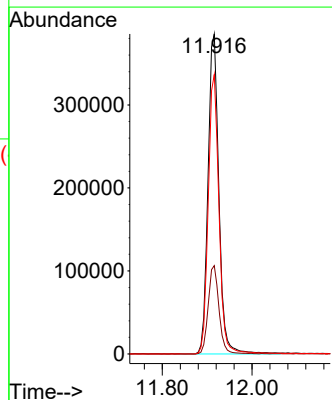
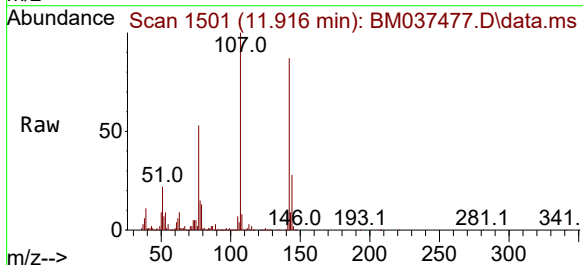
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-33MS

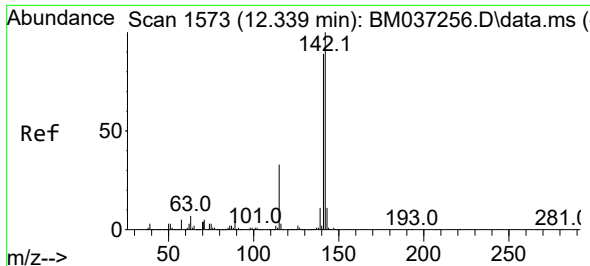
Tgt Ion:113 Resp: 191337  
 Ion Ratio Lower Upper  
 113 100  
 55 171.2 156.9 196.9  
 56 123.0 106.4 146.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.334 ng  
 RT: 11.916 min Scan# 1501  
 Delta R.T. -0.006 min  
 Lab File: BM037477.D  
 Acq: 11 Nov 2022 21:17

Tgt Ion:107 Resp: 649509  
 Ion Ratio Lower Upper  
 107 100  
 144 27.6 21.8 32.6  
 142 87.3 68.1 102.1





#37

2-Methylnaphthalene

Concen: 41.831 ng

RT: 12.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037477.D

Acq: 11 Nov 2022 21:17

Instrument :

BNA\_M

ClientSampleId :

SB-33MS

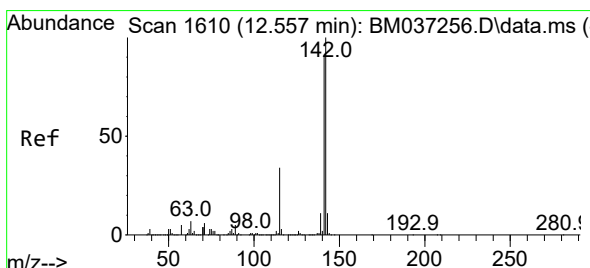
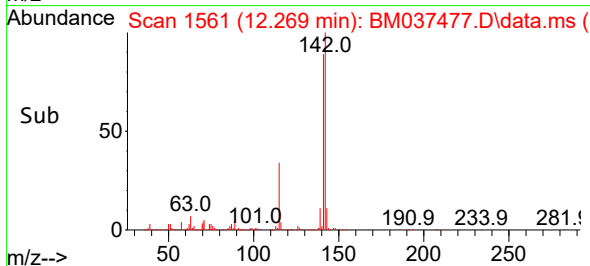
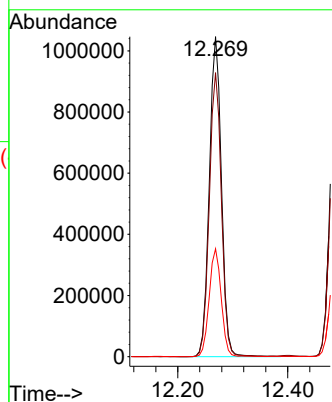
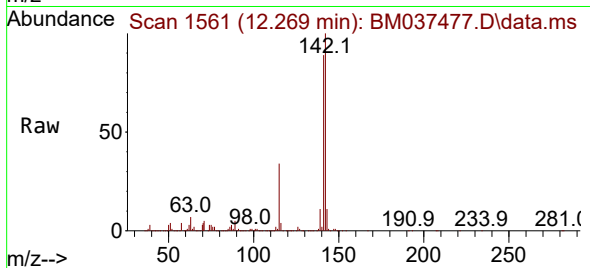
Tgt Ion:142 Resp: 1597635

Ion Ratio Lower Upper

142 100

141 88.7 71.3 106.9

115 33.7 26.0 39.0



#38

1-Methylnaphthalene

Concen: 40.120 ng

RT: 12.486 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BM037477.D

Acq: 11 Nov 2022 21:17

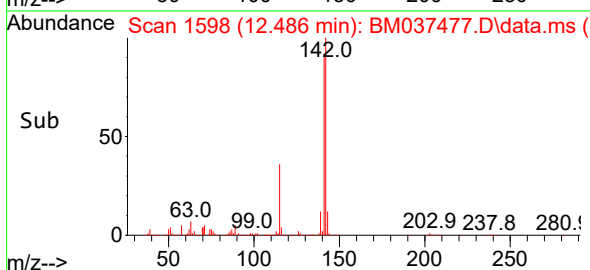
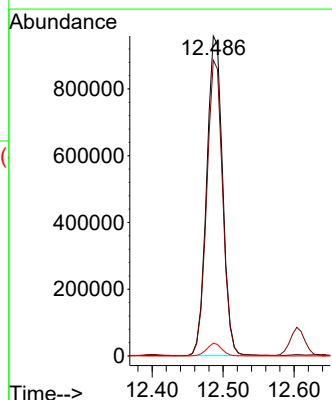
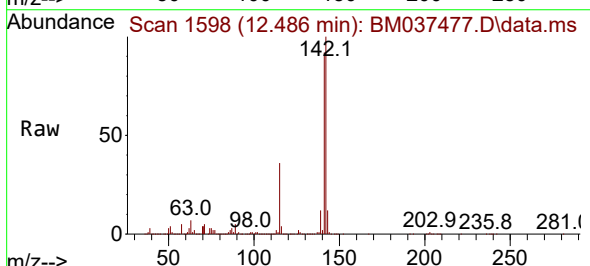
Tgt Ion:142 Resp: 1497211

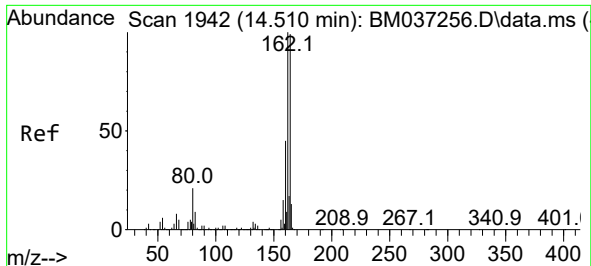
Ion Ratio Lower Upper

142 100

141 92.4 73.0 109.6

116 4.0 2.8 4.2

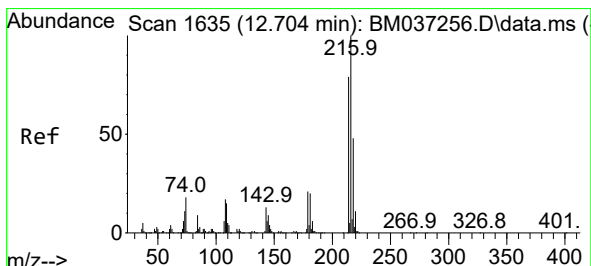
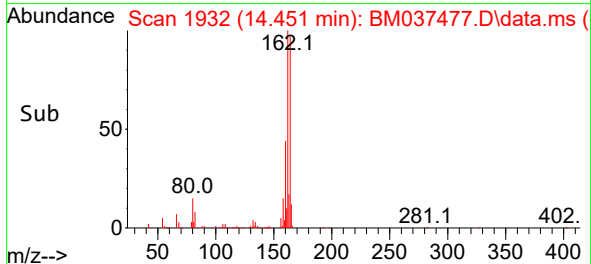
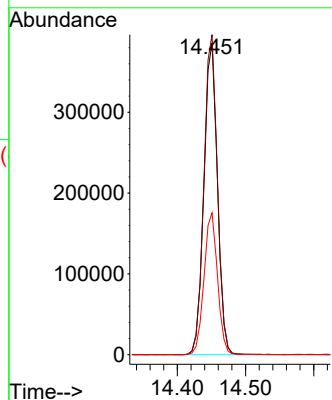
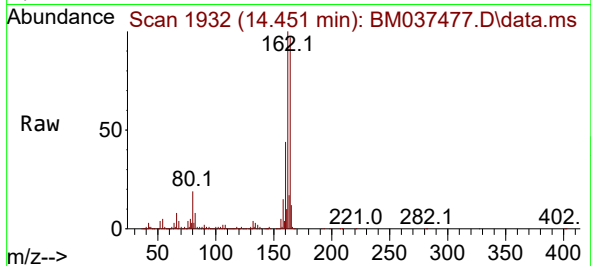




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.451 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

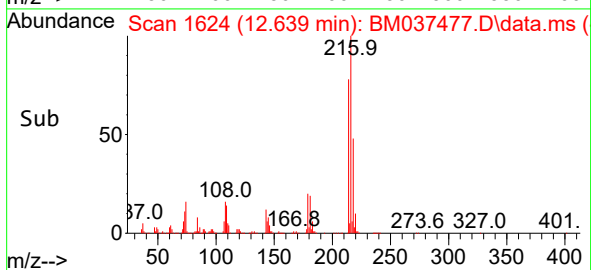
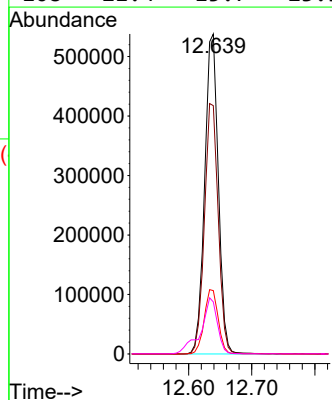
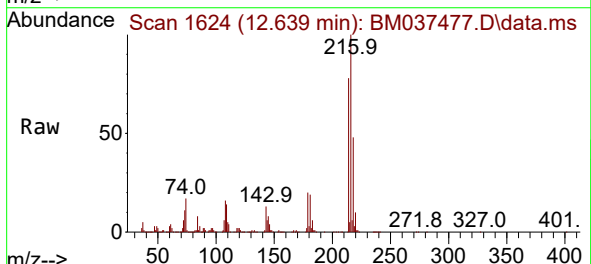
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

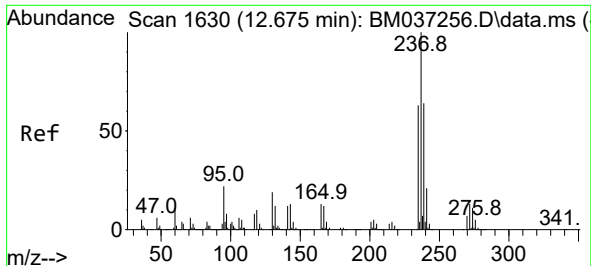
Tgt Ion:164 Resp: 530807  
Ion Ratio Lower Upper  
164 100  
162 102.7 80.6 120.8  
160 45.5 36.2 54.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 50.736 ng  
RT: 12.639 min Scan# 1624  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:216 Resp: 809739  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.1 94.7  
179 20.5 16.8 25.2  
108 21.4 15.7 23.5

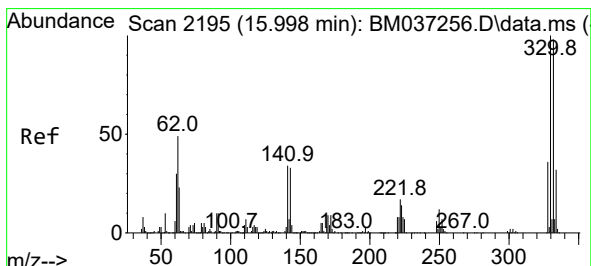
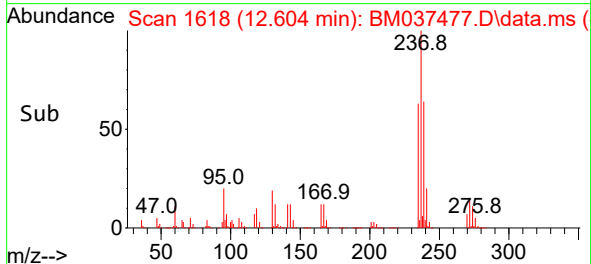
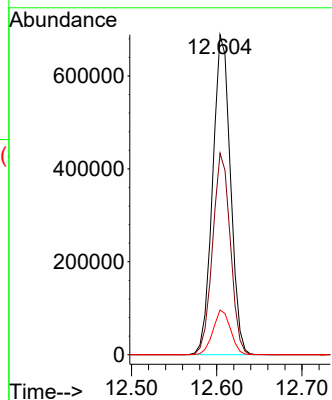
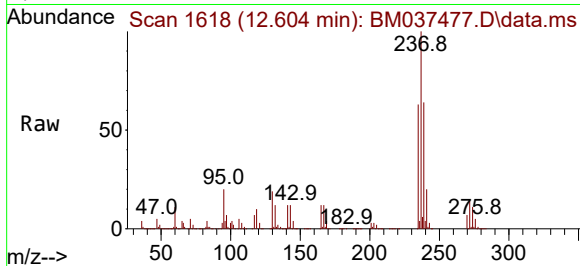




#41  
Hexachlorocyclopentadiene  
Concen: 131.352 ng  
RT: 12.604 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

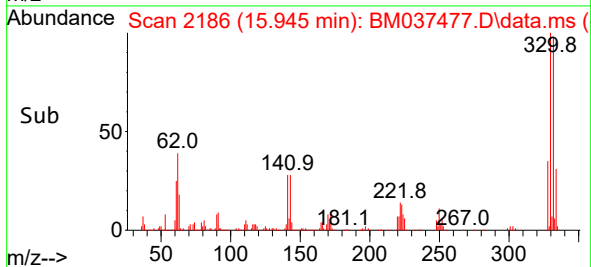
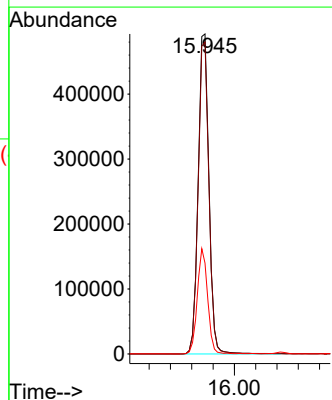
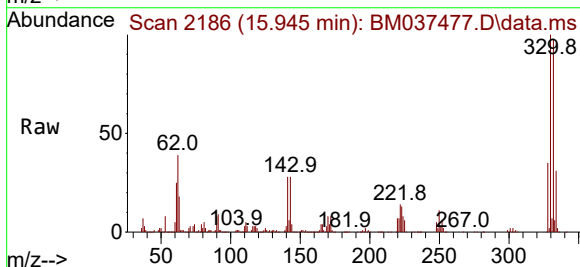
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

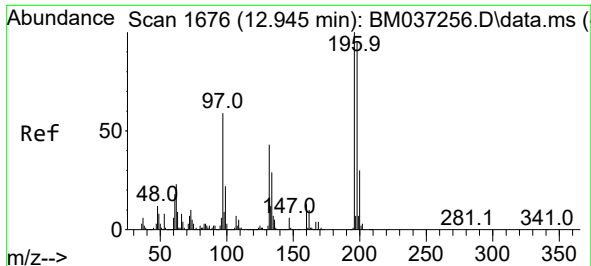
Tgt Ion:237 Resp: 998807  
Ion Ratio Lower Upper  
237 100  
235 63.0 42.9 82.9  
272 13.9 0.0 33.1



#42  
2,4,6-Tribromophenol  
Concen: 110.976 ng  
RT: 15.945 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:330 Resp: 694197  
Ion Ratio Lower Upper  
330 100  
332 96.9 78.0 117.0  
141 31.6 27.5 41.3

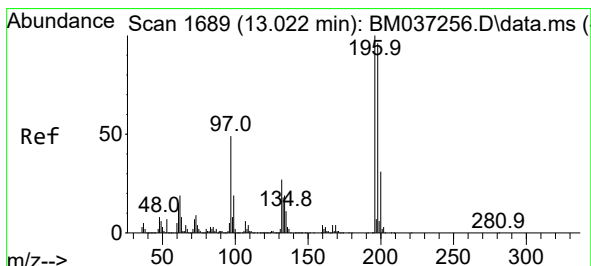
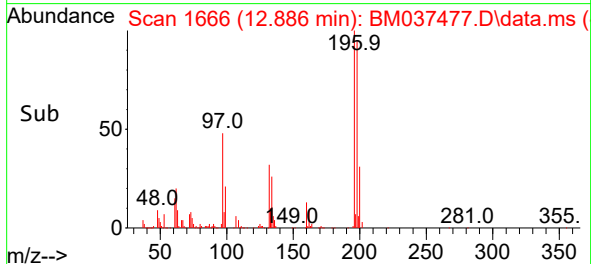
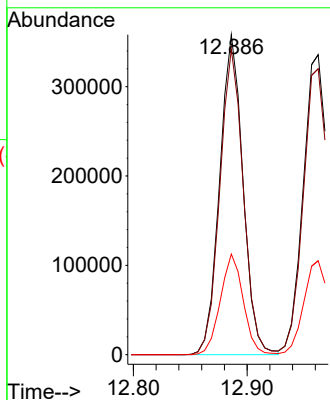
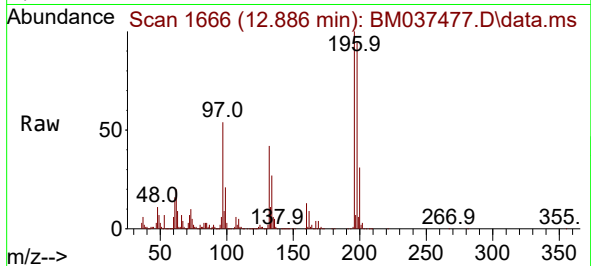




#43  
 2,4,6-Trichlorophenol  
 Concen: 46.512 ng  
 RT: 12.886 min Scan# 1666  
 Delta R.T. -0.006 min  
 Lab File: BM037477.D  
 Acq: 11 Nov 2022 21:17

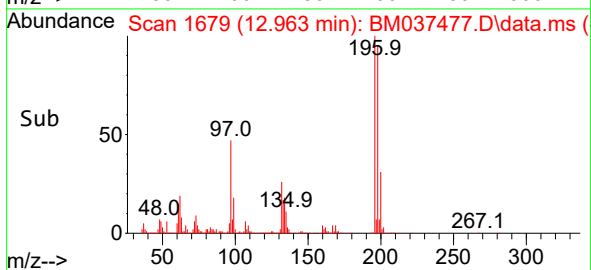
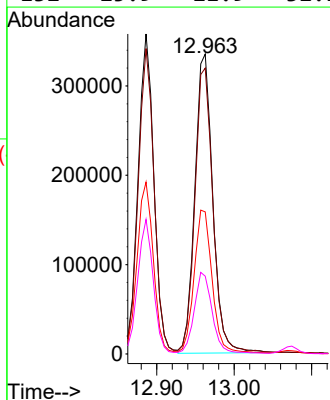
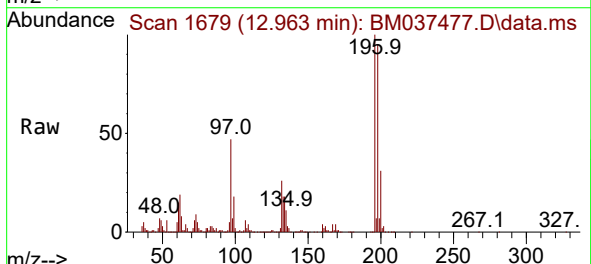
Instrument :  
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 ClientSampleId :  
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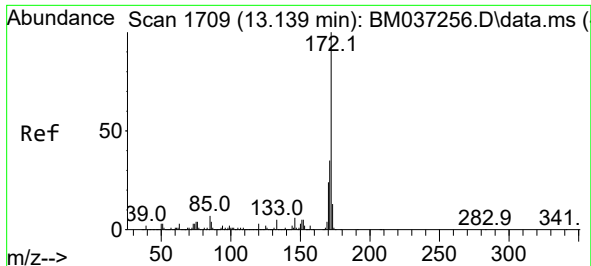
Tgt Ion:196 Resp: 511018  
 Ion Ratio Lower Upper  
 196 100  
 198 95.4 76.1 114.1  
 200 31.4 24.4 36.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.615 ng  
 RT: 12.963 min Scan# 1679  
 Delta R.T. -0.006 min  
 Lab File: BM037477.D  
 Acq: 11 Nov 2022 21:17

Tgt Ion:196 Resp: 540724  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 77.0 115.6  
 97 47.3 39.4 59.2  
 132 25.9 21.9 32.9

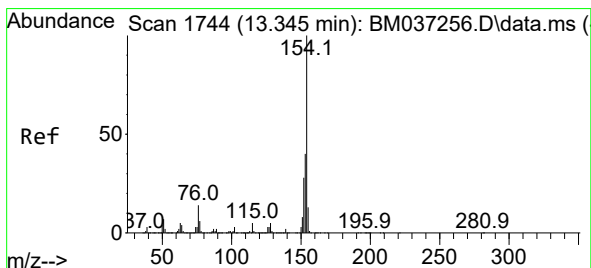
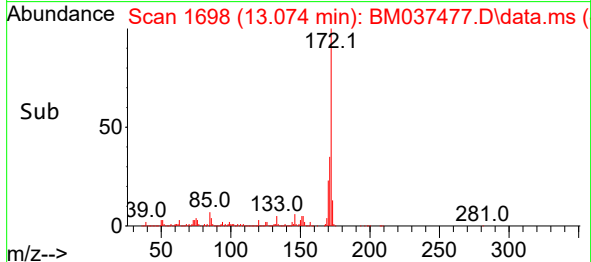
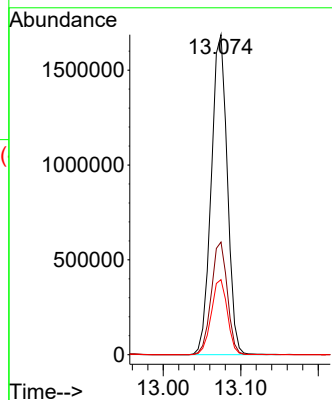
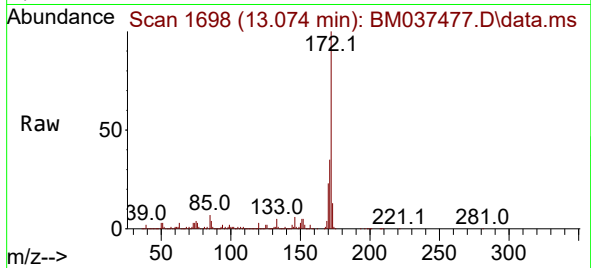




#45  
2-Fluorobiphenyl  
Concen: 60.813 ng  
RT: 13.074 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

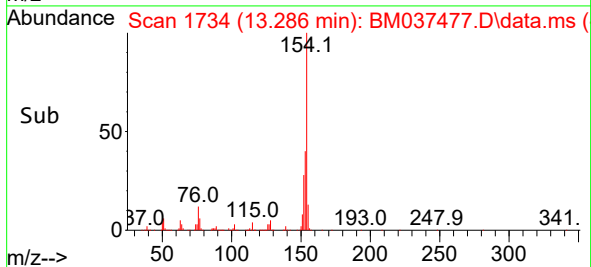
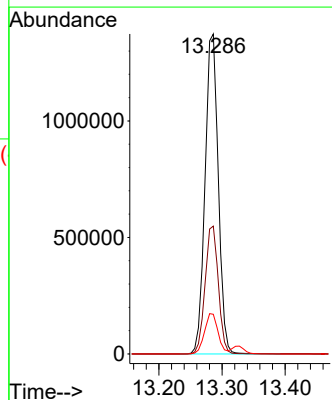
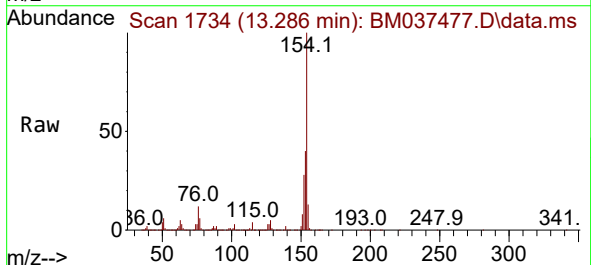
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

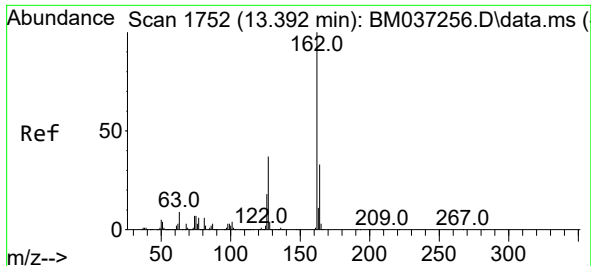
Tgt Ion:172 Resp: 2429453  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.1 42.1  
170 23.4 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 46.800 ng  
RT: 13.286 min Scan# 1734  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:154 Resp: 2004697  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.3 60.3  
76 12.4 0.0 33.7

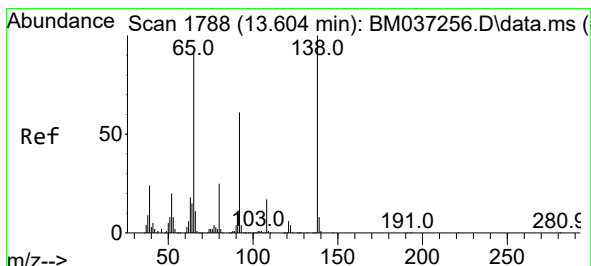
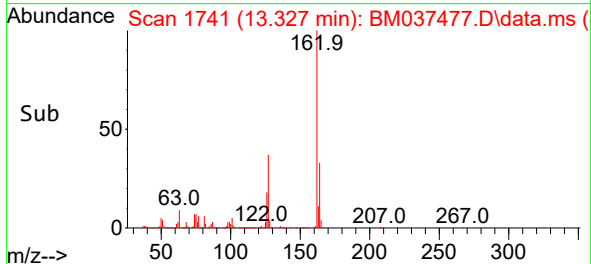
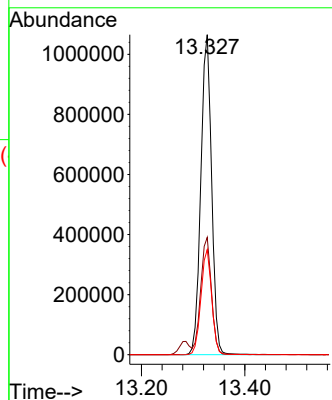
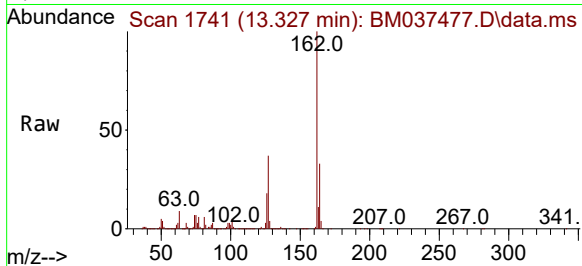




#47  
2-Chloronaphthalene  
Concen: 45.268 ng  
RT: 13.327 min Scan# 1752  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

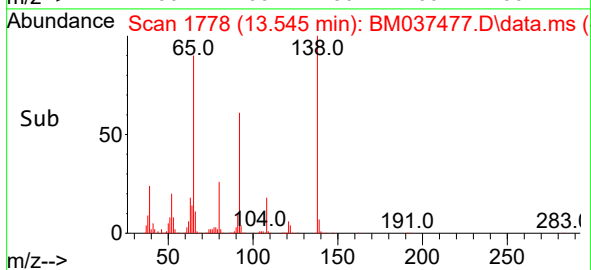
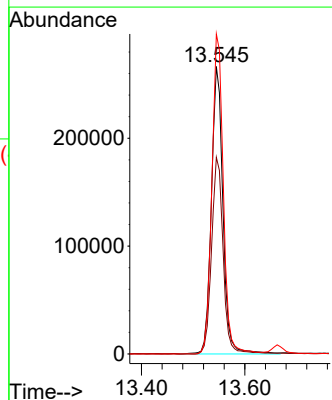
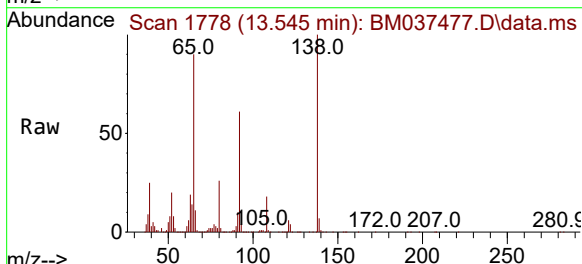
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

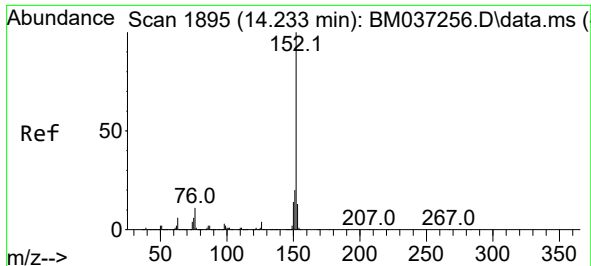
Tgt Ion:162 Resp: 1543088  
Ion Ratio Lower Upper  
162 100  
127 36.7 29.5 44.3  
164 32.9 26.3 39.5



#48  
2-Nitroaniline  
Concen: 42.044 ng  
RT: 13.545 min Scan# 1778  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion: 65 Resp: 414160  
Ion Ratio Lower Upper  
65 100  
92 68.4 53.7 80.5  
138 111.4 87.4 131.2

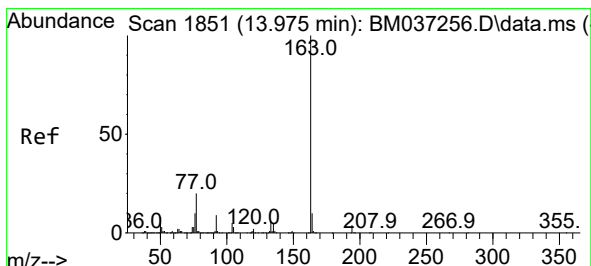
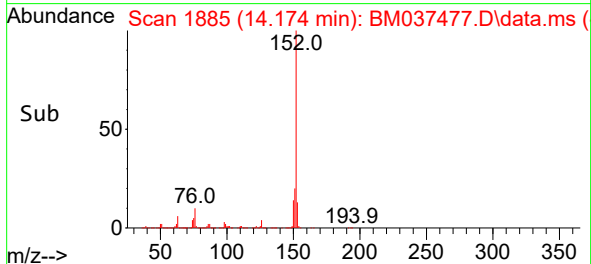
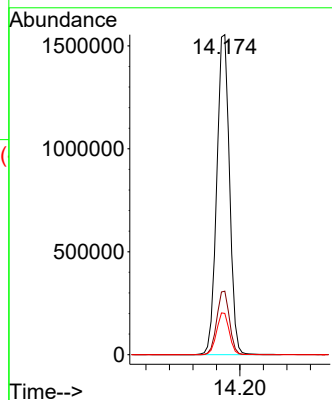
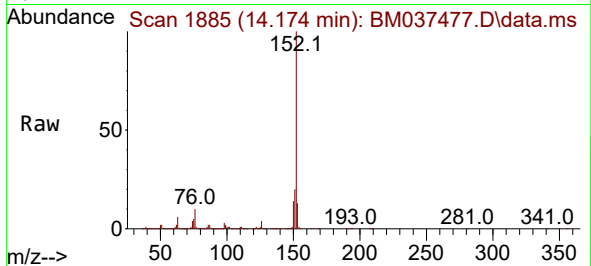




#49  
Acenaphthylene  
Concen: 44.207 ng  
RT: 14.174 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

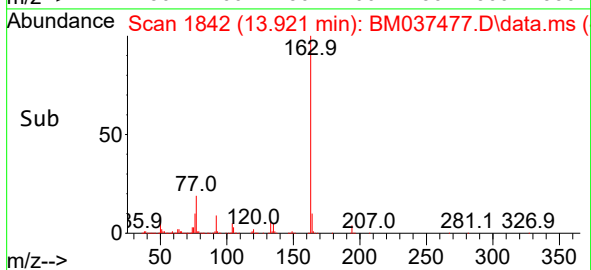
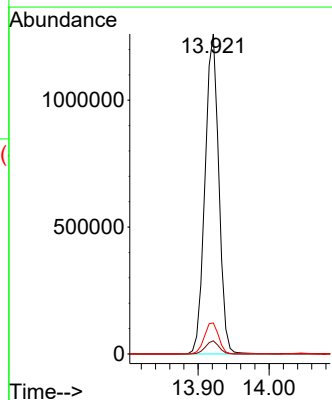
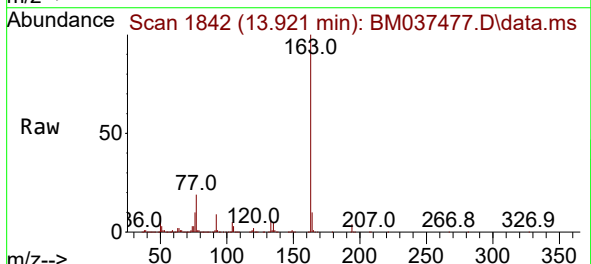
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

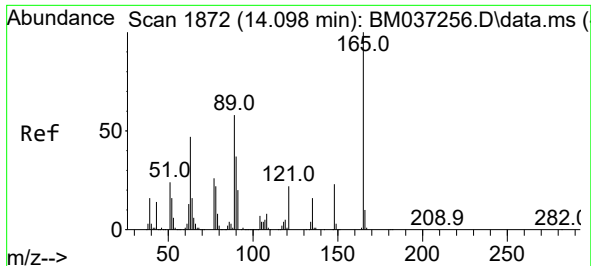
Tgt Ion:152 Resp: 2339236  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.0 24.0  
153 12.9 10.6 15.8



#50  
Dimethylphthalate  
Concen: 42.104 ng  
RT: 13.921 min Scan# 1842  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:163 Resp: 1707063  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.0 4.6  
164 9.7 8.2 12.2

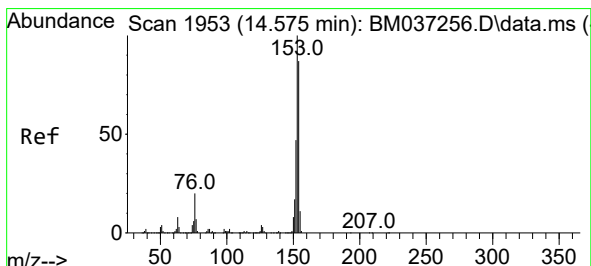
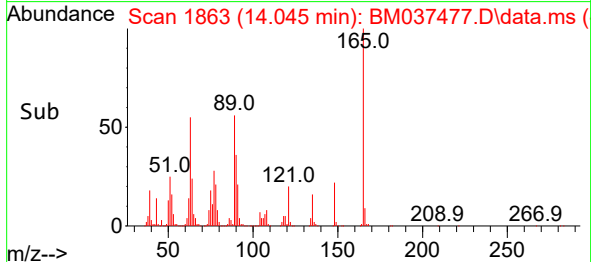
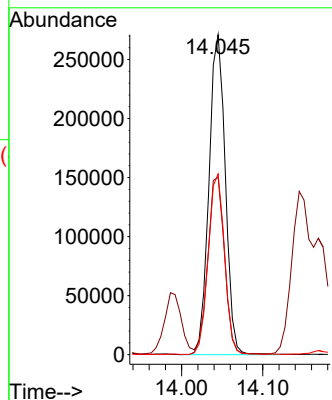
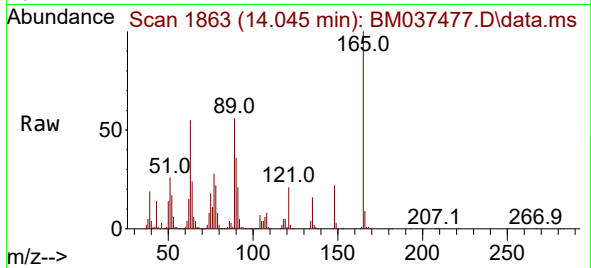




#51  
2,6-Dinitrotoluene  
Concen: 44.085 ng  
RT: 14.045 min Scan# 1863  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

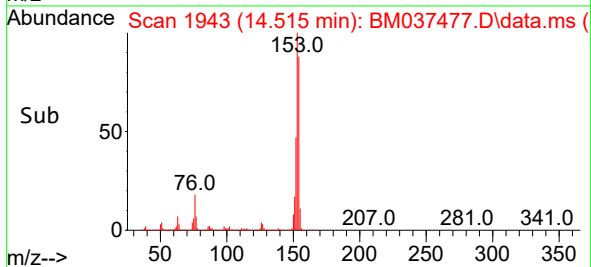
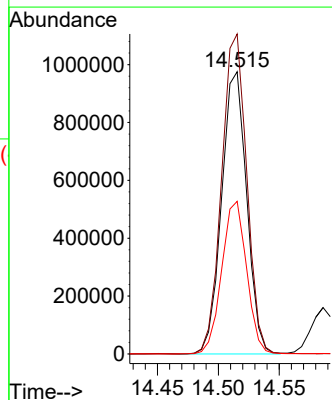
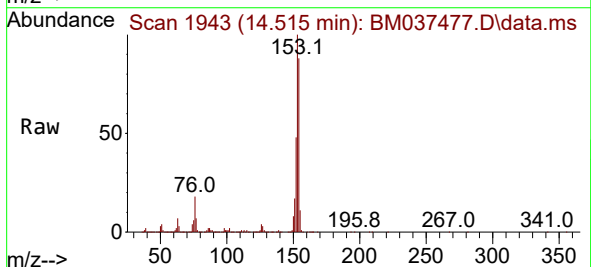
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

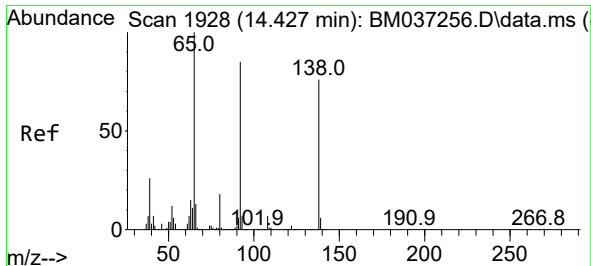
Tgt Ion:165 Resp: 378516  
Ion Ratio Lower Upper  
165 100  
63 55.4 46.2 69.2  
89 56.4 46.6 69.8



#52  
Acenaphthene  
Concen: 42.698 ng  
RT: 14.515 min Scan# 1943  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:154 Resp: 1396786  
Ion Ratio Lower Upper  
154 100  
153 113.4 91.5 137.3  
152 54.1 43.0 64.6

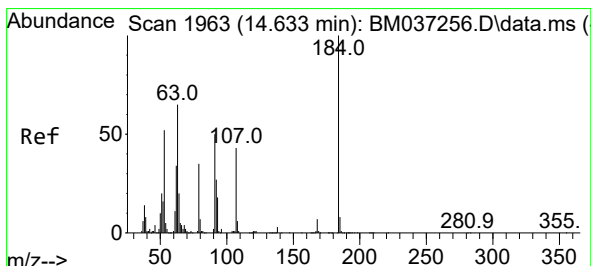
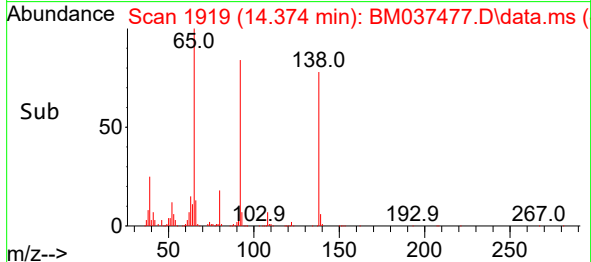
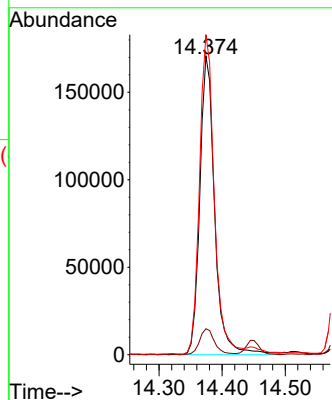
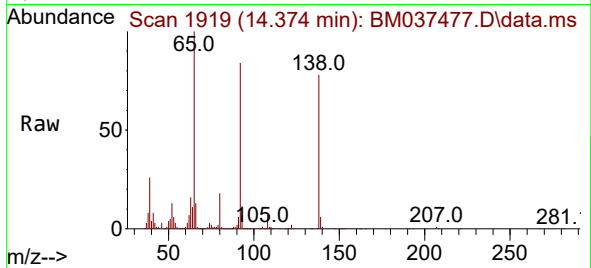




#53  
3-Nitroaniline  
Concen: 29.027 ng  
RT: 14.374 min Scan# 1919  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

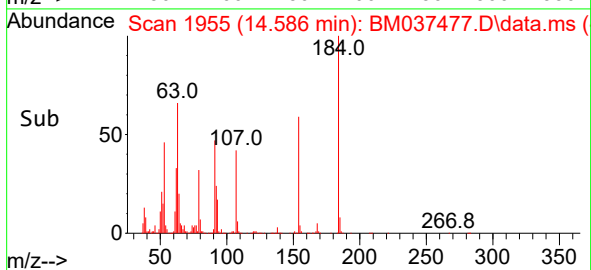
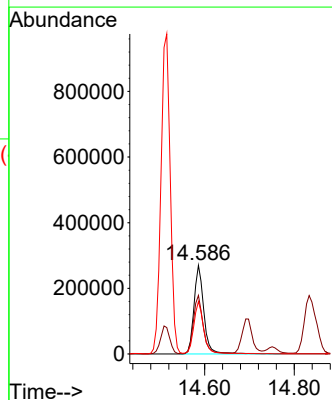
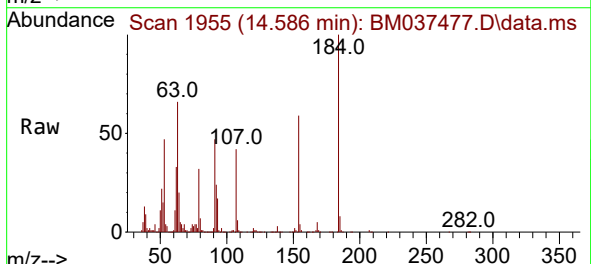
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

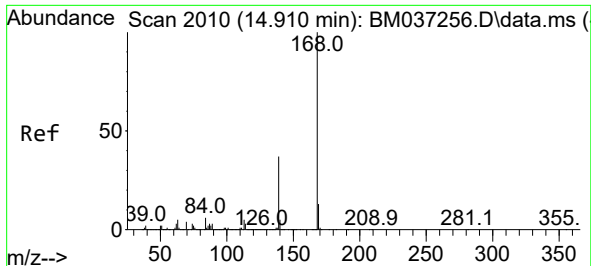
Tgt Ion:138 Resp: 278427  
Ion Ratio Lower Upper  
138 100  
108 8.7 7.3 10.9  
92 107.2 89.8 134.8



#54  
2,4-Dinitrophenol  
Concen: 73.427 ng  
RT: 14.586 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:184 Resp: 411855  
Ion Ratio Lower Upper  
184 100  
63 66.0 57.7 86.5  
154 59.3 48.3 72.5

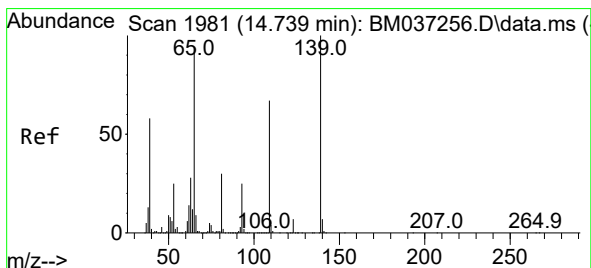
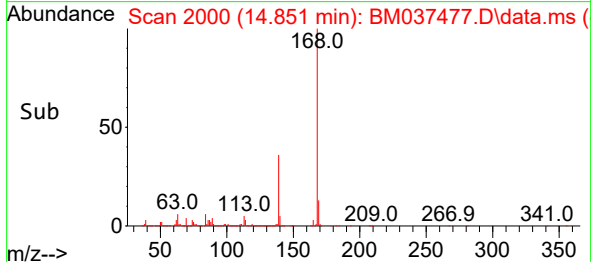
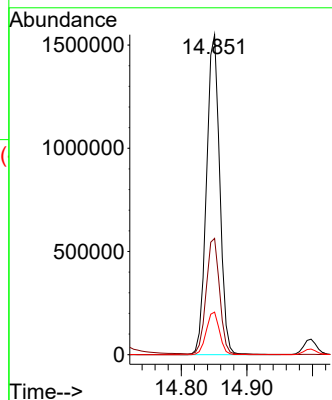
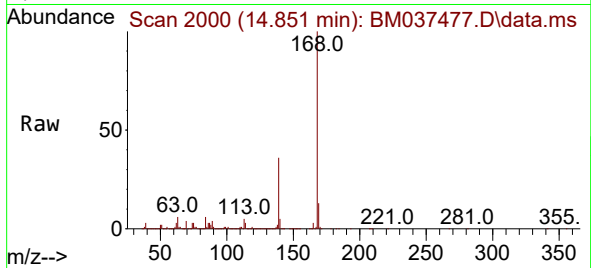




#55  
Dibenzofuran  
Concen: 43.161 ng  
RT: 14.851 min Scan# 2010  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

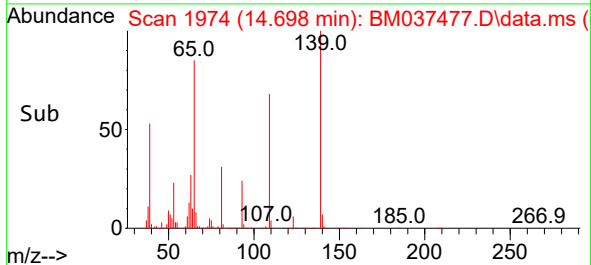
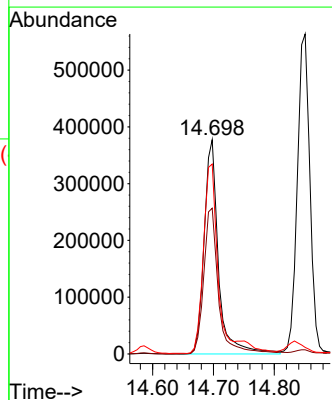
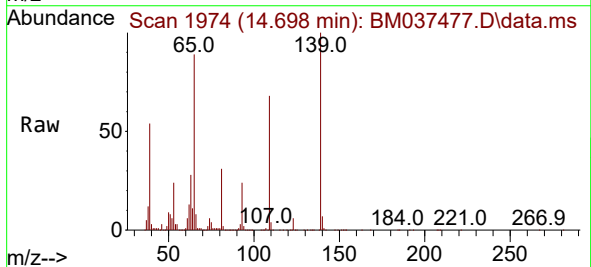
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ClientSampleId :  
SB-33MS

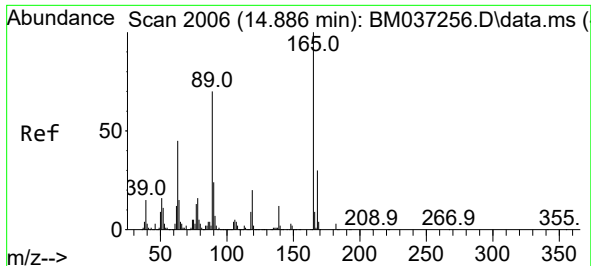
Tgt Ion:168 Resp: 2174740  
Ion Ratio Lower Upper  
168 100  
139 36.4 29.3 43.9  
169 13.3 10.6 16.0



#56  
4-Nitrophenol  
Concen: 80.803 ng  
RT: 14.698 min Scan# 1974  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:139 Resp: 618310  
Ion Ratio Lower Upper  
139 100  
109 68.1 47.4 87.4  
65 88.7 73.8 113.8





#57

2,4-Dinitrotoluene

Concen: 44.680 ng

RT: 14.833 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BM037477.D

Acq: 11 Nov 2022 21:17

Instrument :

BNA\_M

ClientSampleId :

SB-33MS

Tgt Ion:165 Resp: 504794

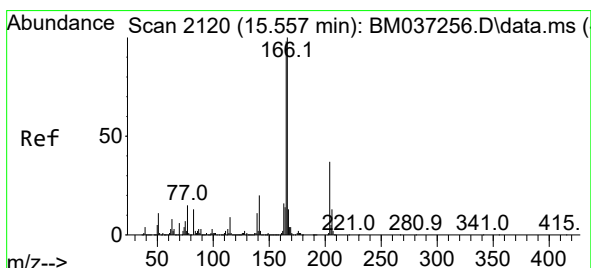
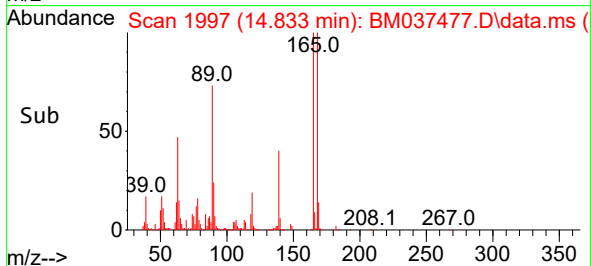
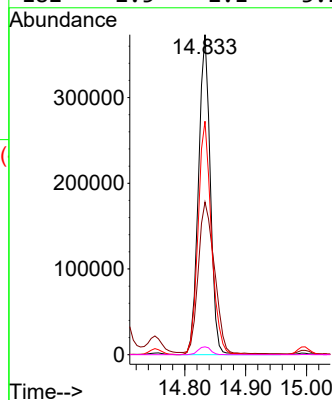
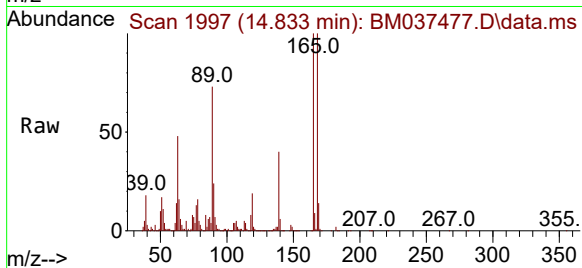
Ion Ratio Lower Upper

165 100

63 47.7 36.3 54.5

89 72.9 56.3 84.5

182 2.5 2.1 3.1



#58

Fluorene

Concen: 42.109 ng

RT: 15.498 min Scan# 2110

Delta R.T. -0.006 min

Lab File: BM037477.D

Acq: 11 Nov 2022 21:17

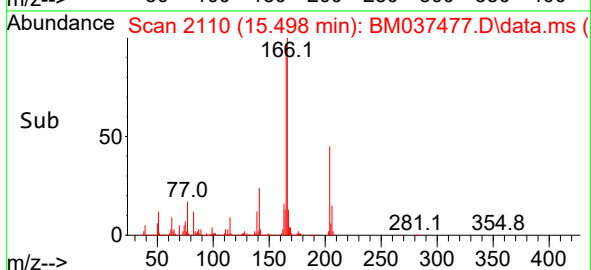
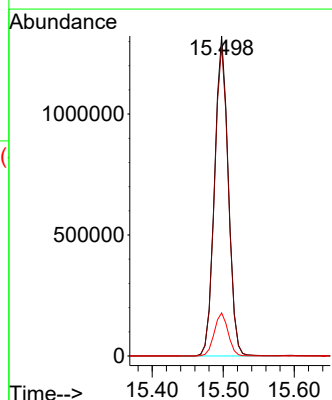
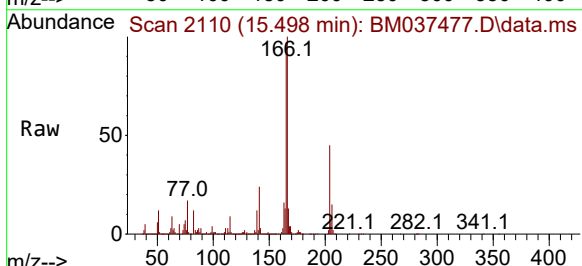
Tgt Ion:166 Resp: 1770992

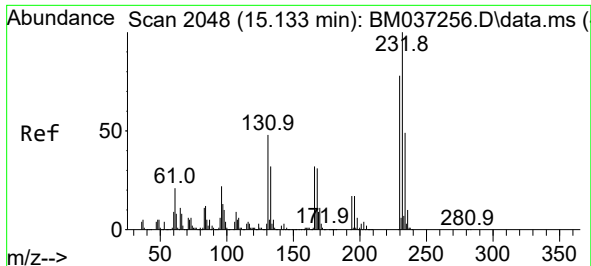
Ion Ratio Lower Upper

166 100

165 96.9 78.2 117.4

167 13.5 10.6 15.8

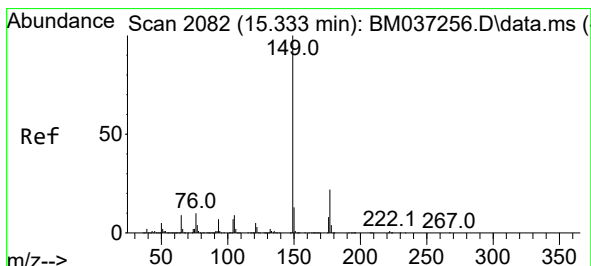
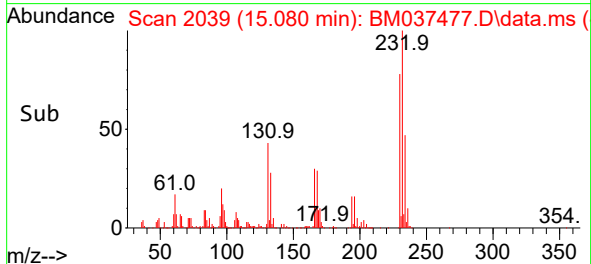
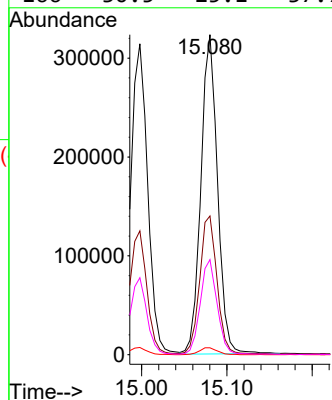
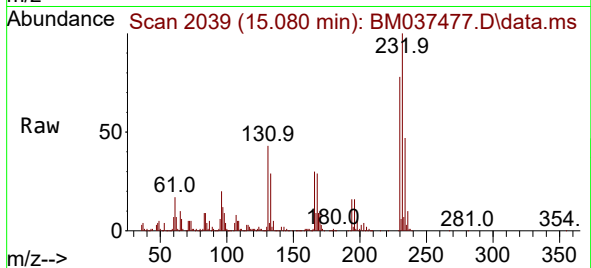




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.125 ng  
RT: 15.080 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

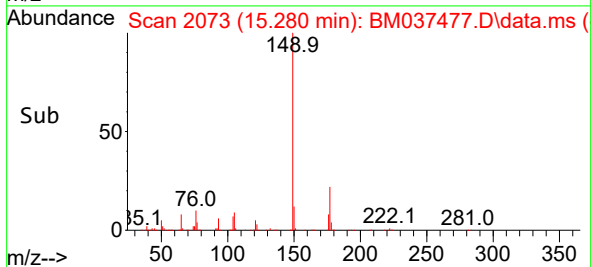
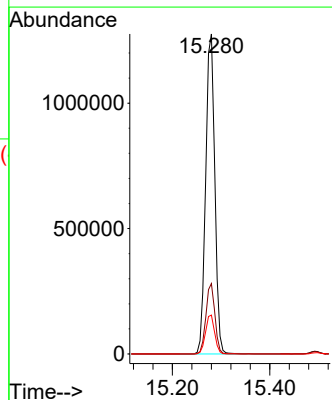
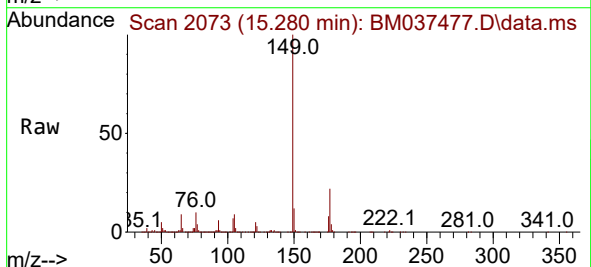
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

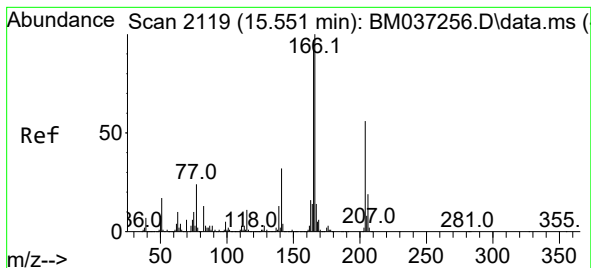
Tgt Ion:232 Resp: 438075  
Ion Ratio Lower Upper  
232 100  
131 45.5 37.8 56.8  
130 2.3 1.9 2.9  
166 30.5 25.1 37.7



#60  
Diethylphthalate  
Concen: 42.046 ng  
RT: 15.280 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:149 Resp: 1656870  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.4 26.0  
150 12.2 10.0 15.0

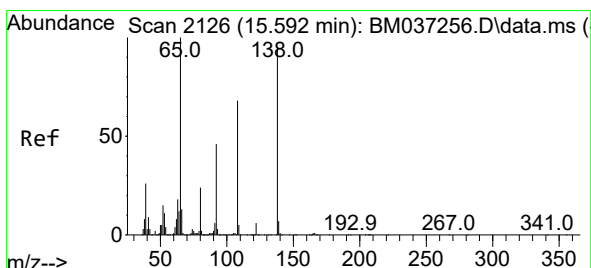
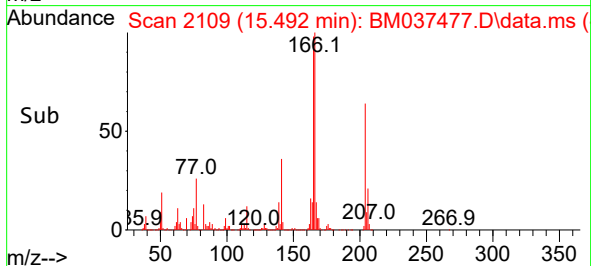
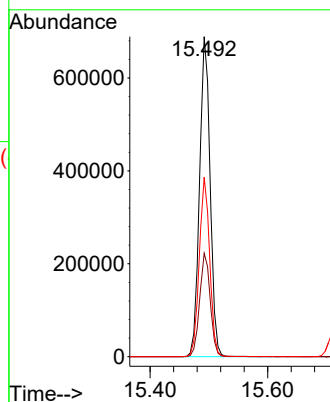
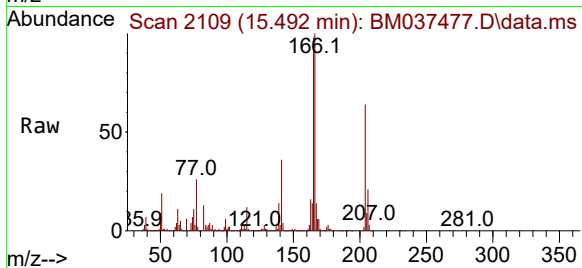




#61  
4-Chlorophenyl-phenylether  
Concen: 44.164 ng  
RT: 15.492 min Scan# 2117  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

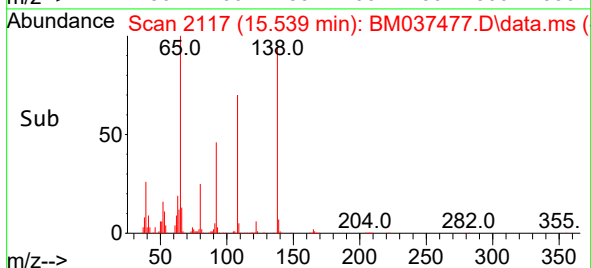
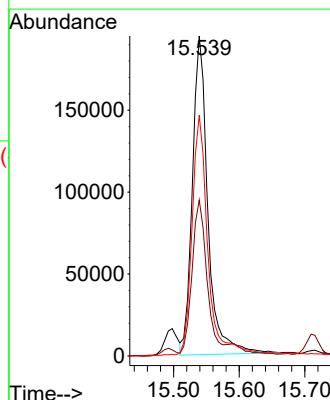
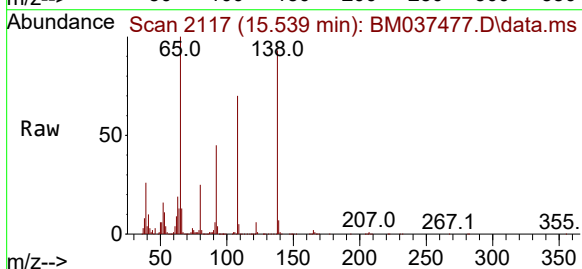
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

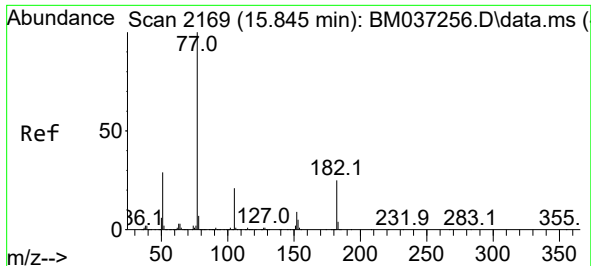
Tgt Ion:204 Resp: 859332  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.6 39.8  
141 56.0 45.2 67.8



#62  
4-Nitroaniline  
Concen: 33.188 ng  
RT: 15.539 min Scan# 2117  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:138 Resp: 319267  
Ion Ratio Lower Upper  
138 100  
92 48.8 28.1 68.1  
108 75.2 51.3 91.3



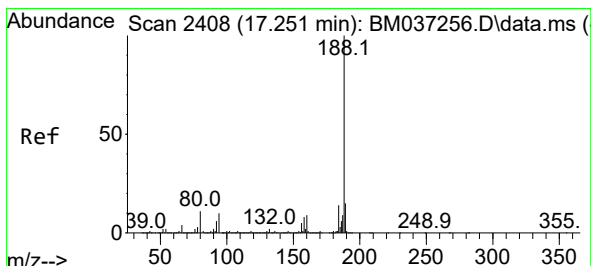
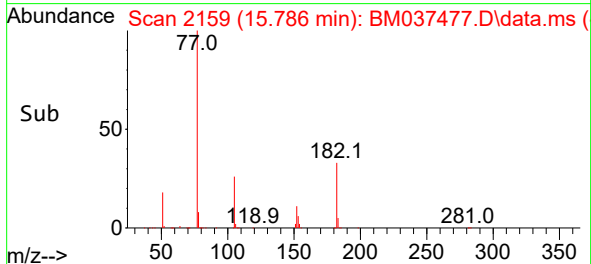
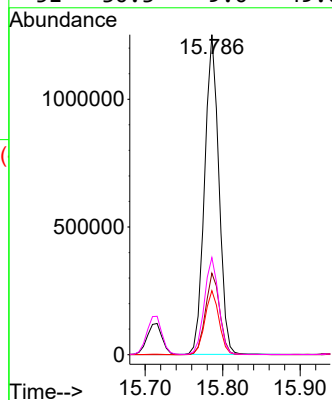
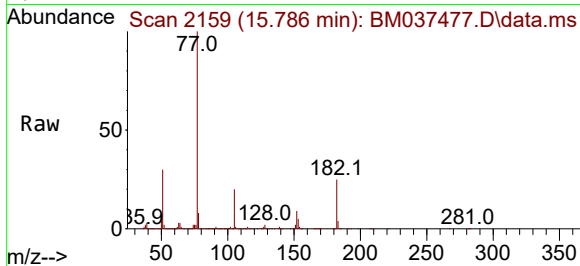


#63  
Azobenzene  
Concen: 41.137 ng  
RT: 15.786 min Scan# 2169  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

Tgt Ion: 77 Resp: 1596942

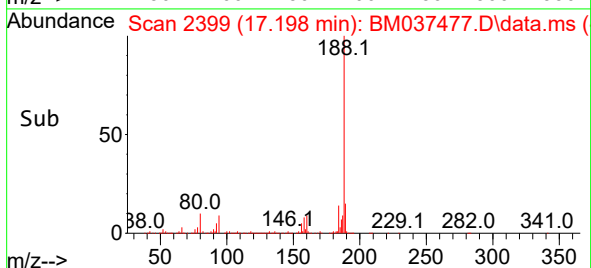
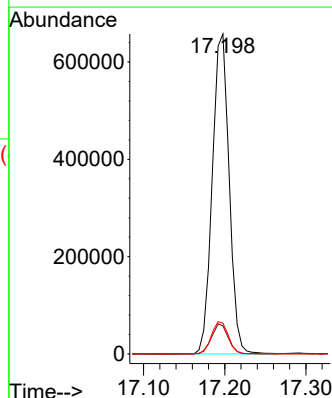
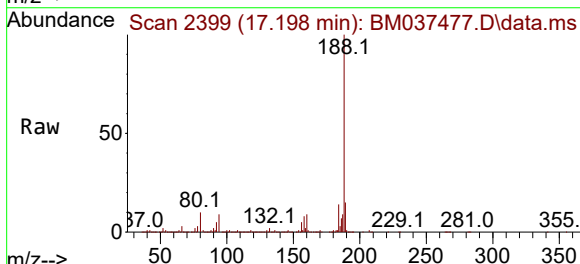
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.5  | 5.1   | 45.1  |
| 105 | 20.0  | 0.5   | 40.5  |
| 51  | 30.3  | 9.0   | 49.0  |

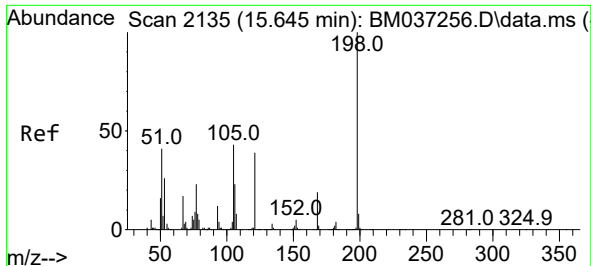


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.198 min Scan# 2399  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion: 188 Resp: 948173

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.8   | 7.9   | 11.9  |
| 80  | 9.6   | 8.5   | 12.7  |

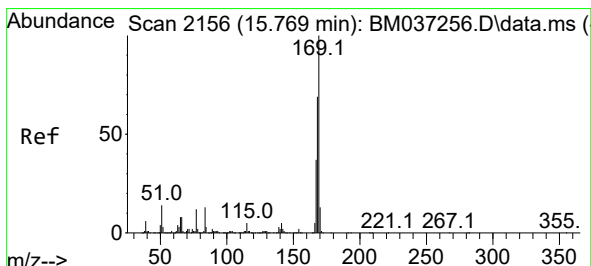
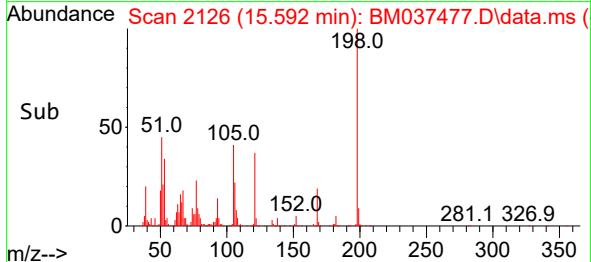
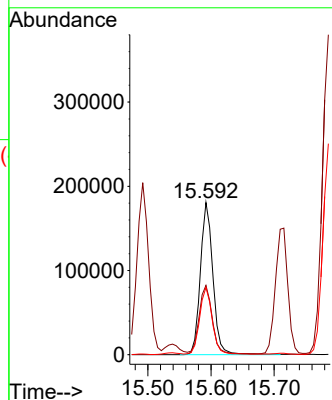
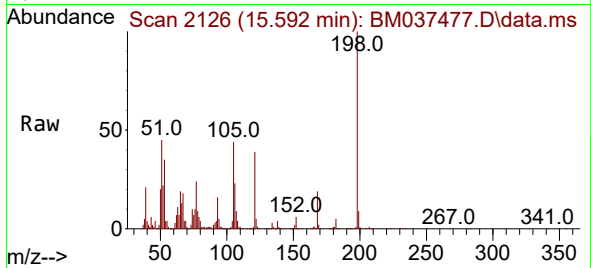




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.748 ng  
RT: 15.592 min Scan# 2117  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

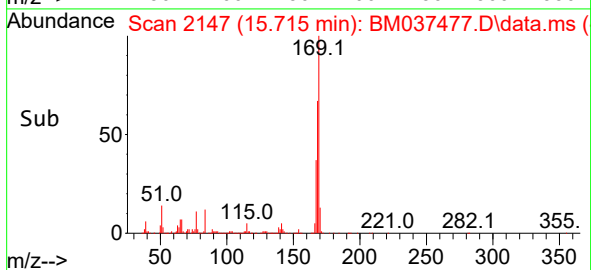
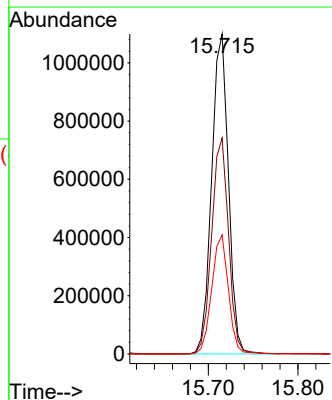
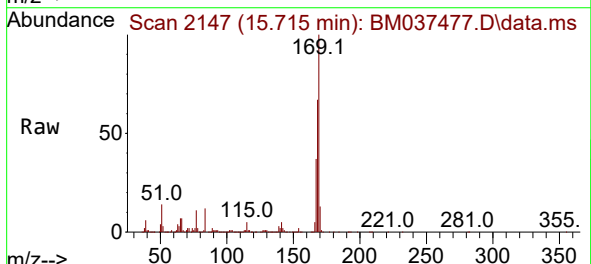
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

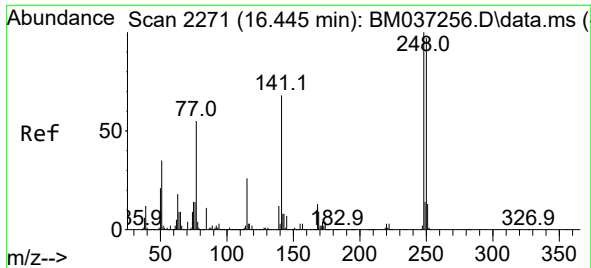
Tgt Ion:198 Resp: 249171  
Ion Ratio Lower Upper  
198 100  
51 45.5 26.8 66.8  
105 44.2 24.1 64.1



#66  
n-Nitrosodiphenylamine  
Concen: 44.535 ng  
RT: 15.715 min Scan# 2147  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:169 Resp: 1427308  
Ion Ratio Lower Upper  
169 100  
168 67.5 54.8 82.2  
167 37.2 29.5 44.3

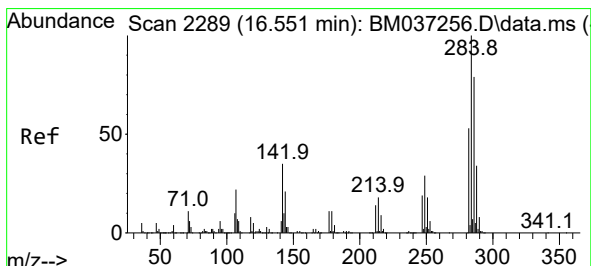
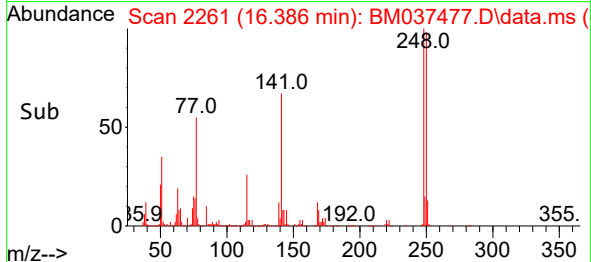
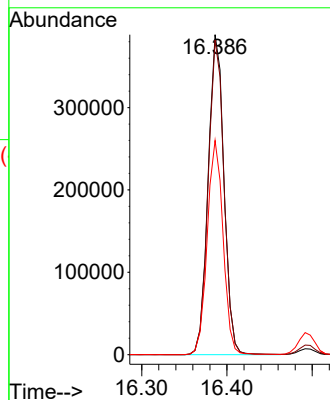
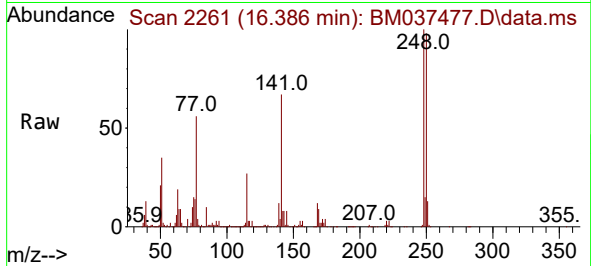




#67  
4-Bromophenyl-phenylether  
Concen: 47.155 ng  
RT: 16.386 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

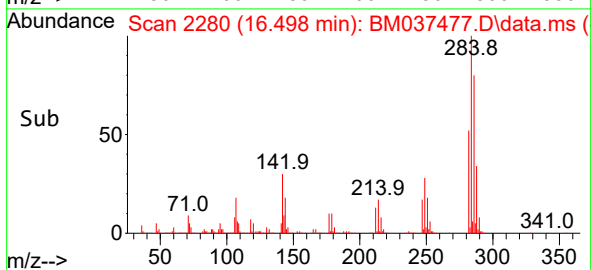
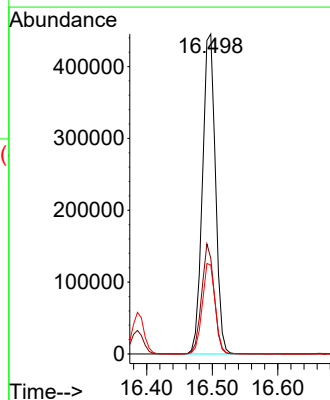
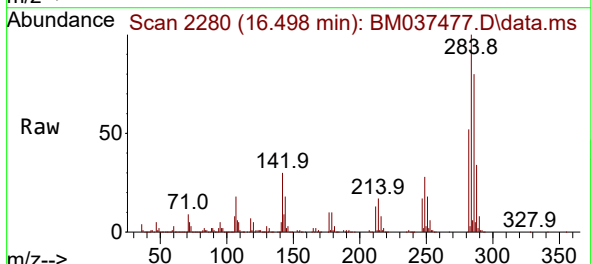
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

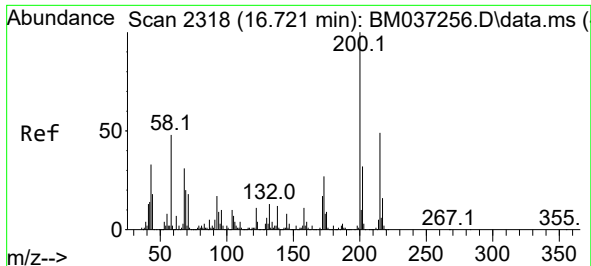
Tgt Ion:248 Resp: 501739  
Ion Ratio Lower Upper  
248 100  
250 98.4 77.8 116.6  
141 67.0 54.2 81.2



#68  
Hexachlorobenzene  
Concen: 47.640 ng  
RT: 16.498 min Scan# 2280  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:284 Resp: 613447  
Ion Ratio Lower Upper  
284 100  
142 30.0 28.2 42.4  
249 27.8 23.1 34.7

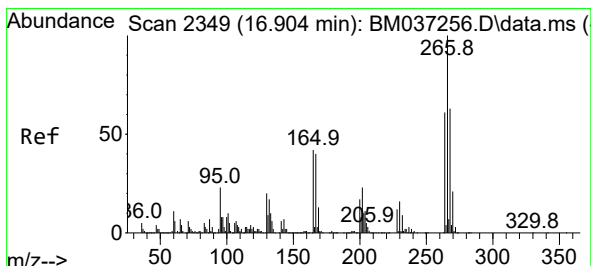
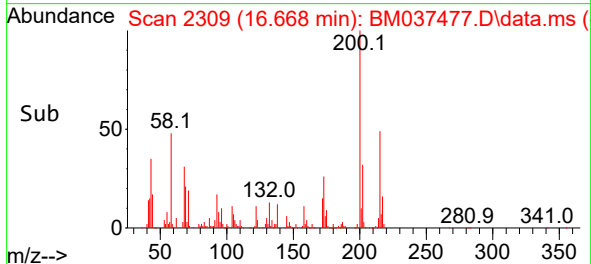
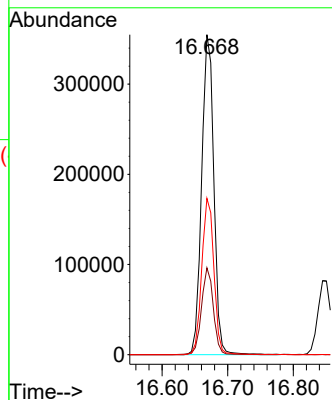
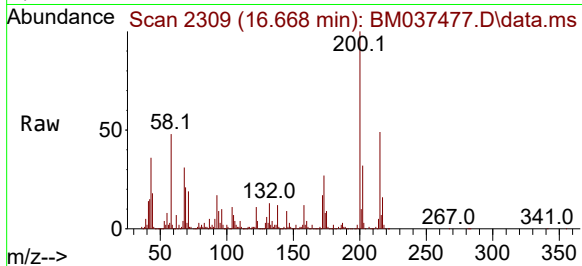




#69  
 Atrazine  
 Concen: 56.965 ng  
 RT: 16.668 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM037477.D  
 Acq: 11 Nov 2022 21:17

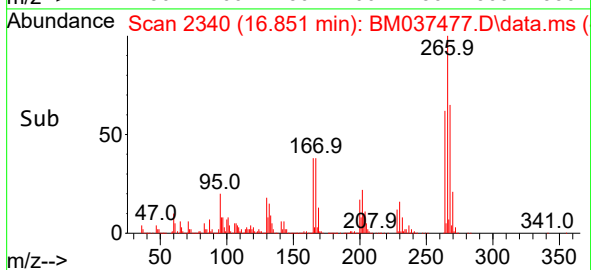
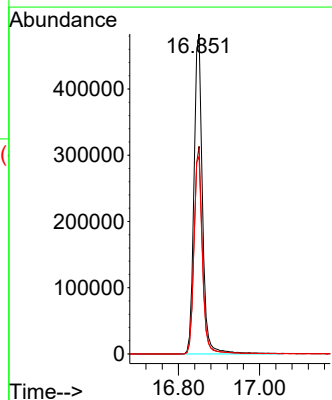
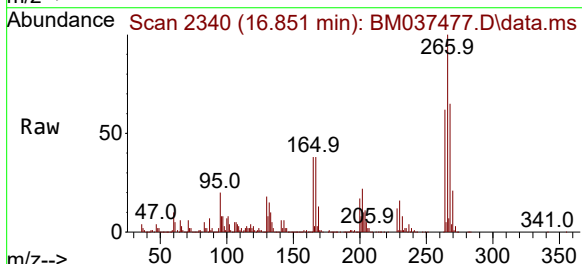
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-33MS

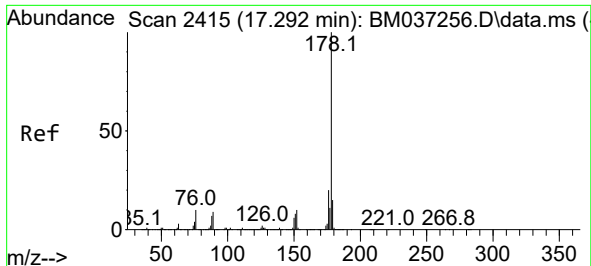
Tgt Ion:200 Resp: 459366  
 Ion Ratio Lower Upper  
 200 100  
 173 27.1 6.8 46.8  
 215 48.9 28.5 68.5



#70  
 Pentachlorophenol  
 Concen: 93.345 ng  
 RT: 16.851 min Scan# 2340  
 Delta R.T. -0.000 min  
 Lab File: BM037477.D  
 Acq: 11 Nov 2022 21:17

Tgt Ion:266 Resp: 699419  
 Ion Ratio Lower Upper  
 266 100  
 268 64.9 50.7 76.1  
 264 61.7 49.1 73.7

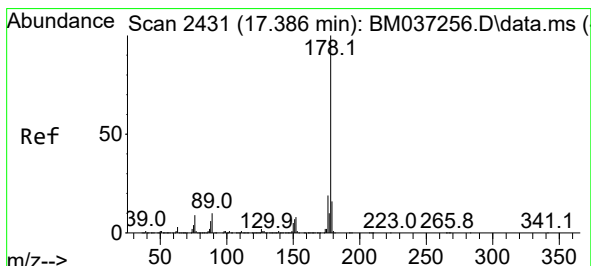
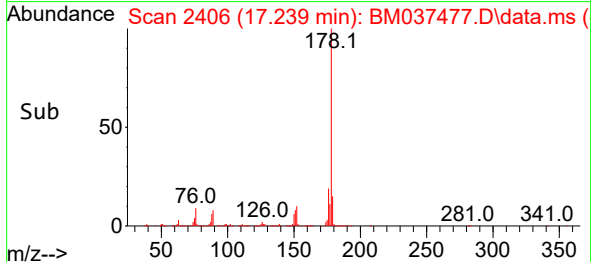
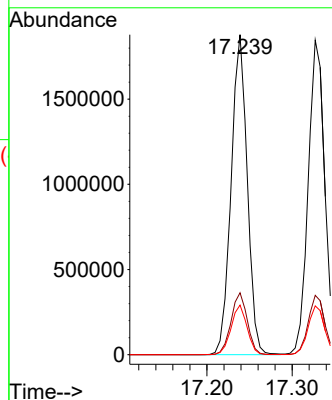
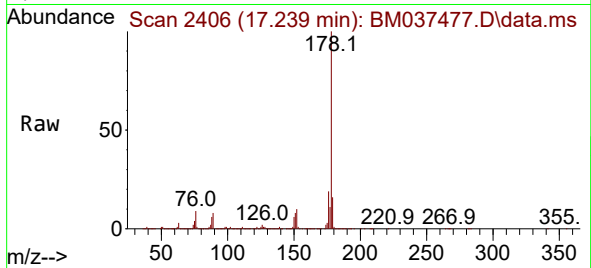




#71  
Phenanthrene  
Concen: 42.064 ng  
RT: 17.239 min Scan# 2415  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

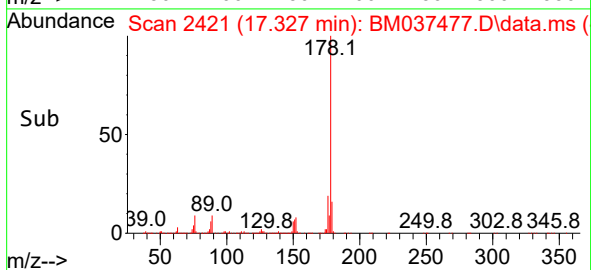
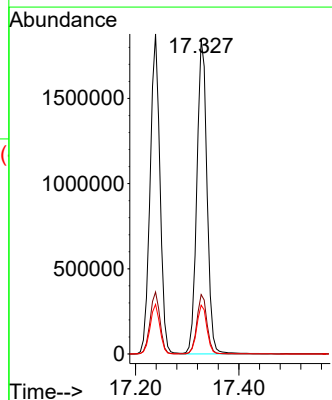
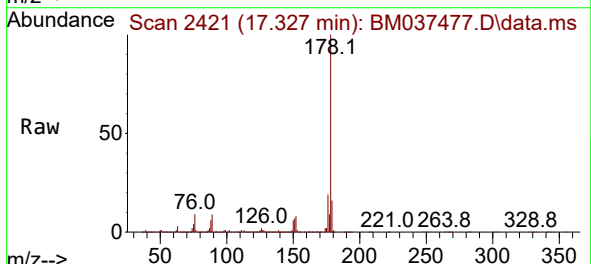
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

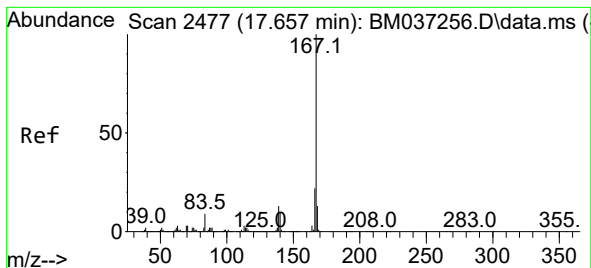
Tgt Ion:178 Resp: 2474446  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.6 23.4  
179 15.5 12.4 18.6



#72  
Anthracene  
Concen: 45.145 ng  
RT: 17.327 min Scan# 2421  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:178 Resp: 2514139  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.0  
179 15.5 12.6 19.0





#73

Carbazole

Concen: 43.382 ng

RT: 17.609 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM037477.D

Acq: 11 Nov 2022 21:17

Instrument :

BNA\_M

ClientSampleId :

SB-33MS

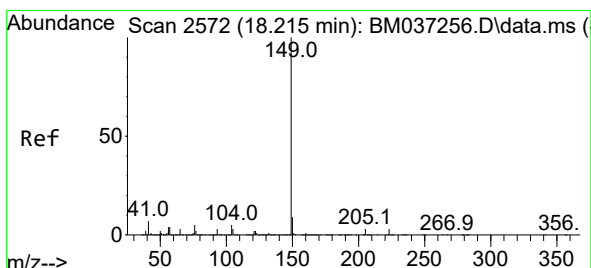
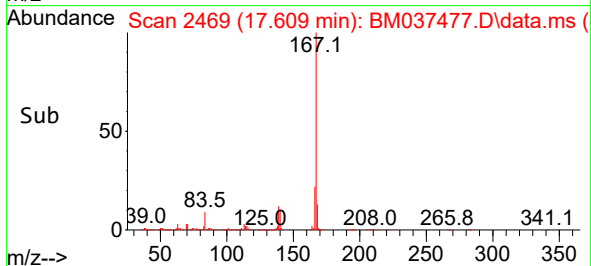
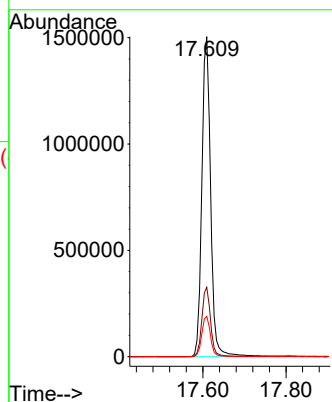
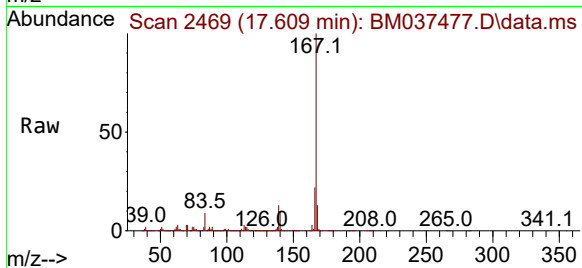
Tgt Ion:167 Resp: 2216091

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 12.6 10.4 15.6



#74

Di-n-butylphthalate

Concen: 47.511 ng

RT: 18.168 min Scan# 2564

Delta R.T. -0.000 min

Lab File: BM037477.D

Acq: 11 Nov 2022 21:17

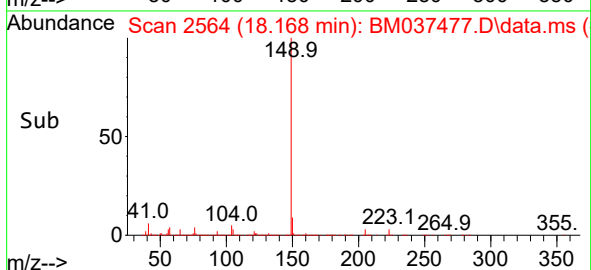
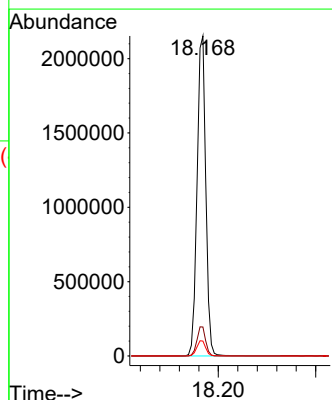
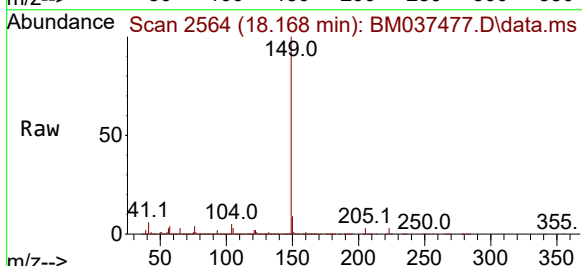
Tgt Ion:149 Resp: 2679944

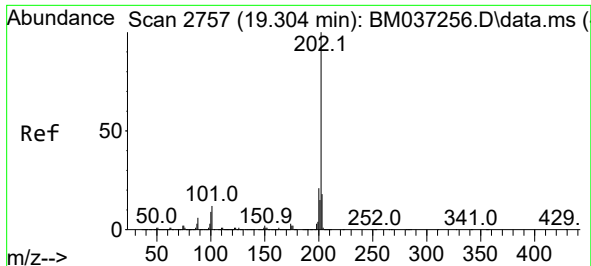
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.7 4.0 6.0

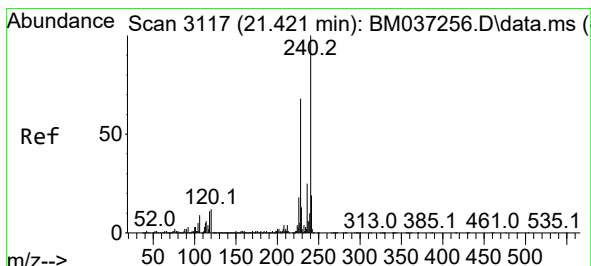
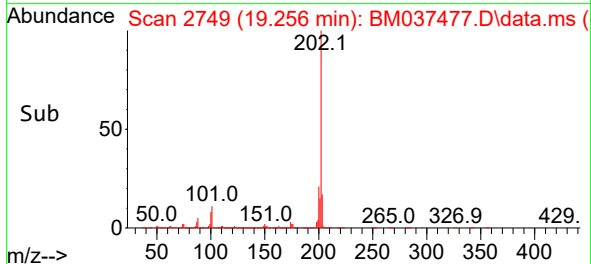
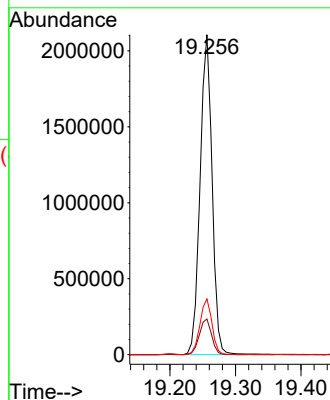
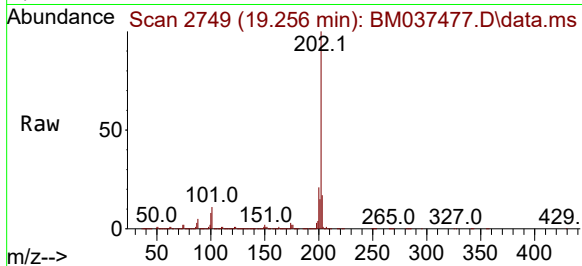




#75  
Fluoranthene  
Concen: 43.203 ng  
RT: 19.256 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

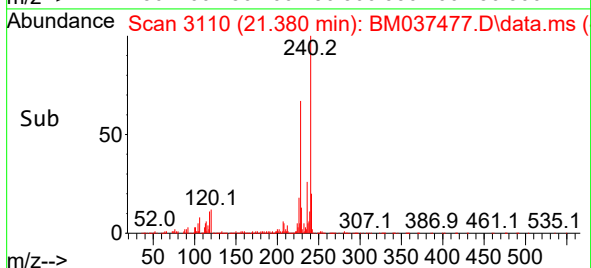
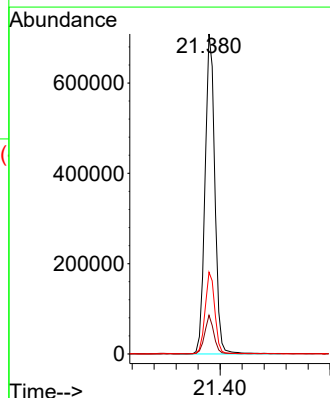
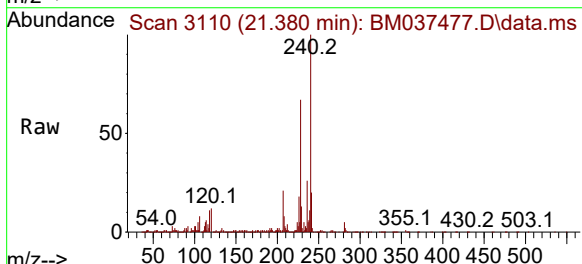
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ClientSampleId :  
SB-33MS

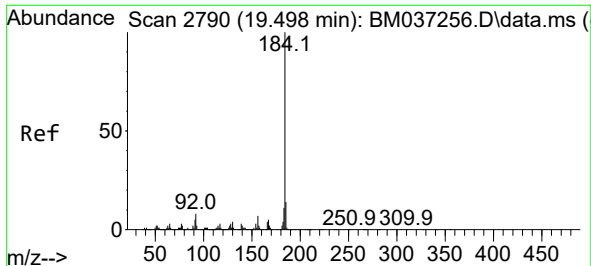
Tgt Ion:202 Resp: 2686446  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 32.4  
203 17.5 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.380 min Scan# 3110  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:240 Resp: 877653  
Ion Ratio Lower Upper  
240 100  
120 12.1 9.9 14.9  
236 25.6 20.3 30.5

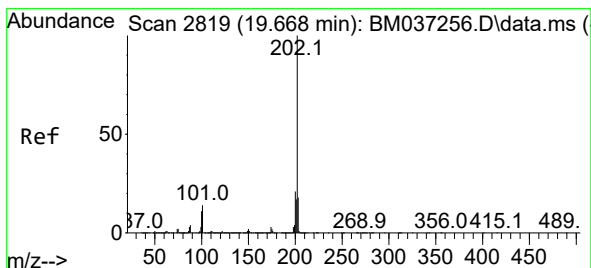
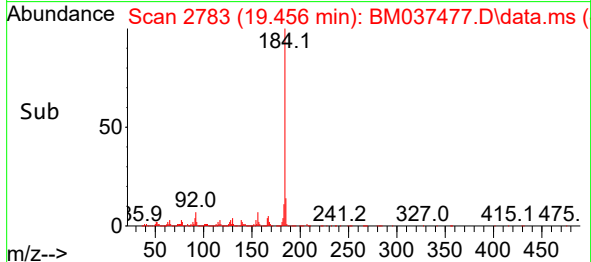
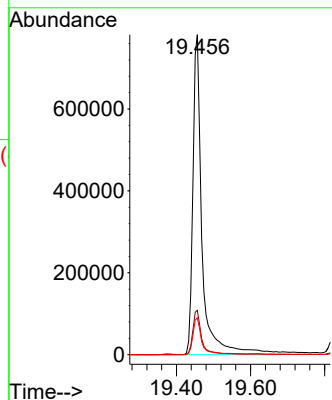
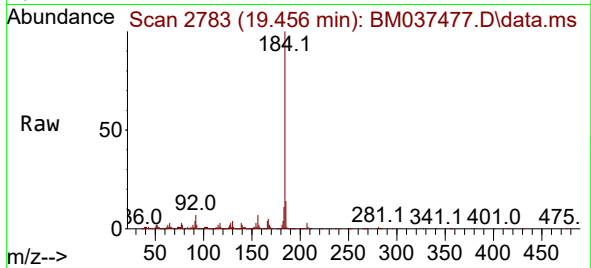




#77  
Benzidine  
Concen: 103.804 ng  
RT: 19.456 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

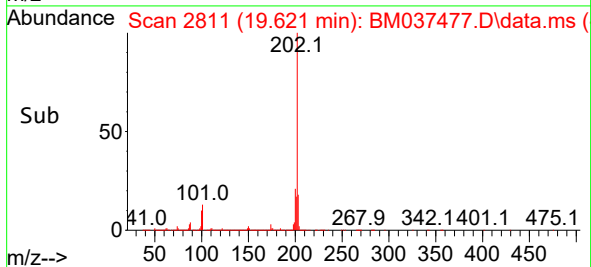
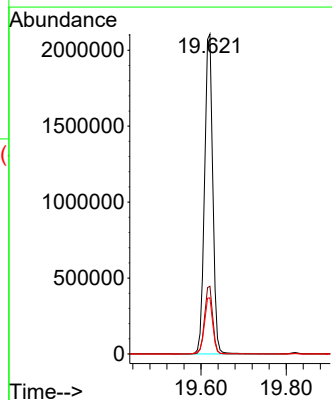
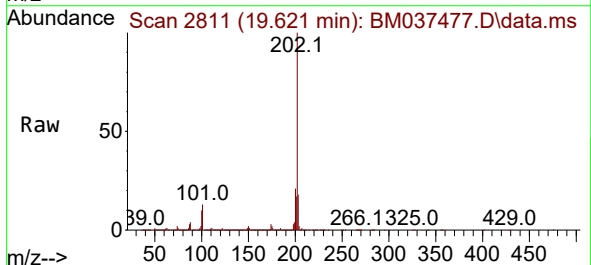
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ClientSampleId :  
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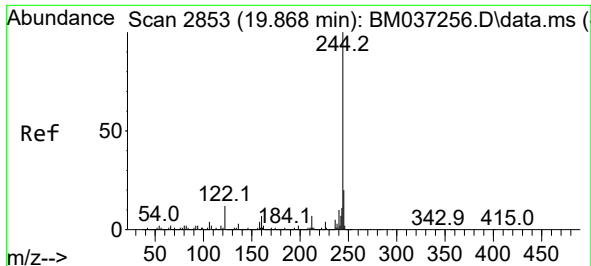
Tgt Ion:184 Resp: 1358486  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.3 16.9  
183 11.5 9.0 13.4



#78  
Pyrene  
Concen: 41.675 ng  
RT: 19.621 min Scan# 2811  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:202 Resp: 2812614  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.6  
203 17.6 14.1 21.1

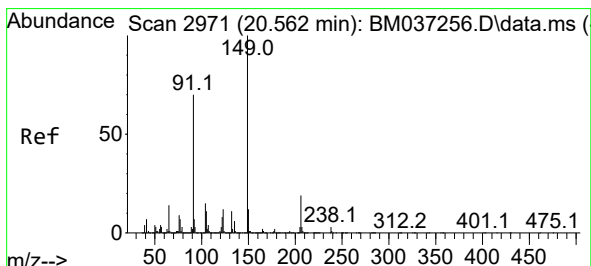
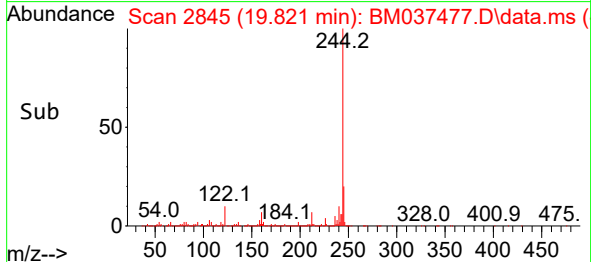
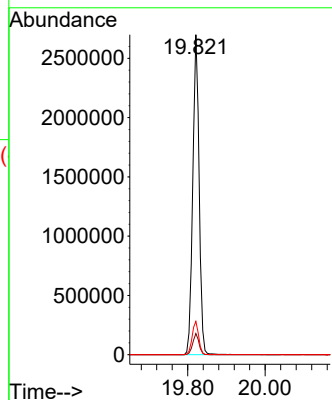
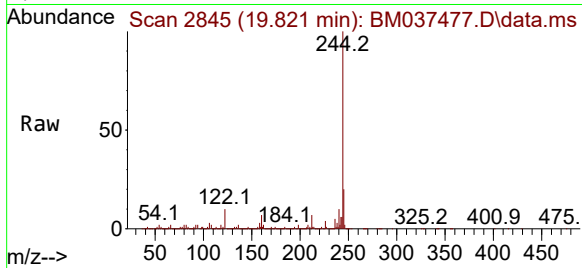




#79  
 Terphenyl-d14  
 Concen: 62.912 ng  
 RT: 19.821 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM037477.D  
 Acq: 11 Nov 2022 21:17

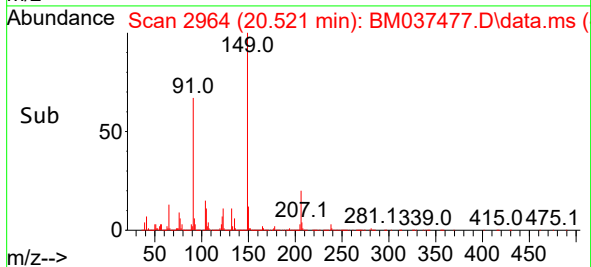
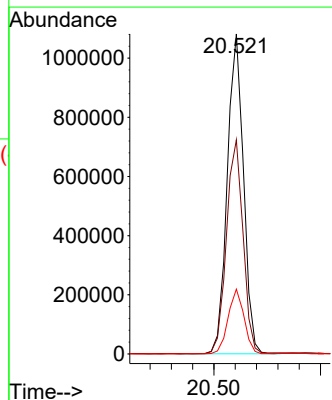
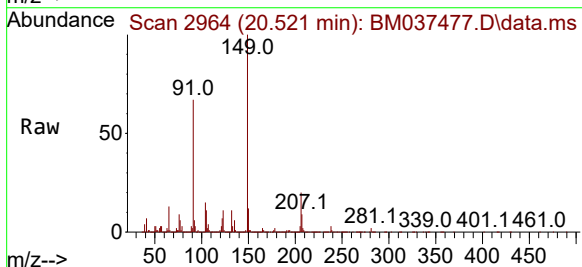
Instrument :  
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 ClientSampleId :  
 SB-33MS

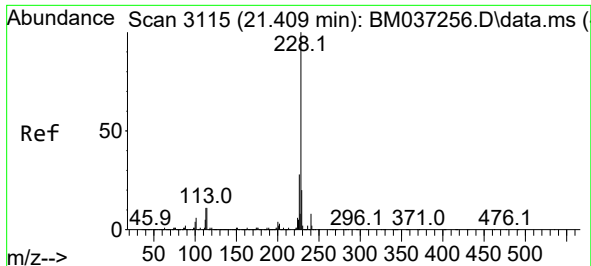
Tgt Ion:244 Resp: 3078979  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.2  
 122 10.4 9.4 14.2



#80  
 Butylbenzylphthalate  
 Concen: 47.414 ng  
 RT: 20.521 min Scan# 2964  
 Delta R.T. -0.000 min  
 Lab File: BM037477.D  
 Acq: 11 Nov 2022 21:17

Tgt Ion:149 Resp: 1142763  
 Ion Ratio Lower Upper  
 149 100  
 91 66.9 56.2 84.4  
 206 20.3 15.4 23.0

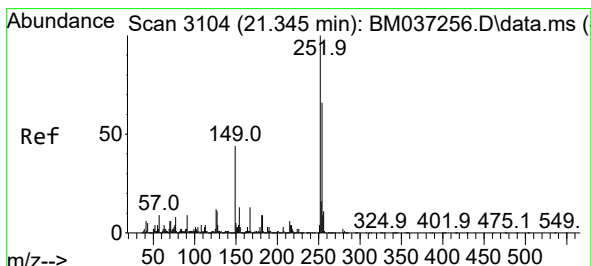
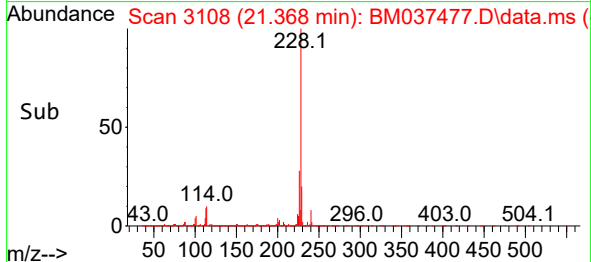
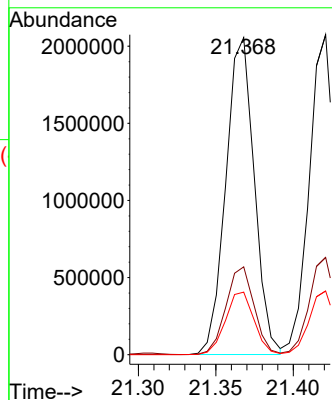
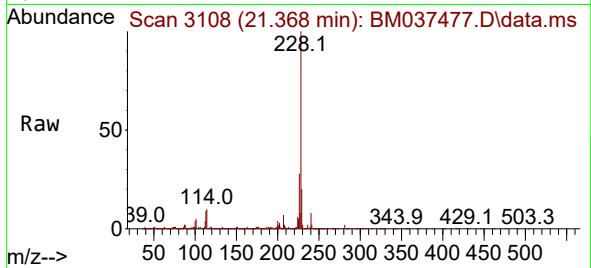




#81  
Benzo(a)anthracene  
Concen: 42.064 ng  
RT: 21.368 min Scan# 3115  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

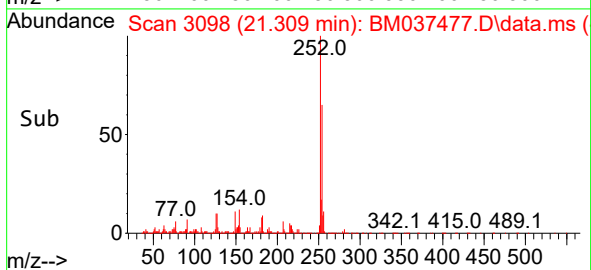
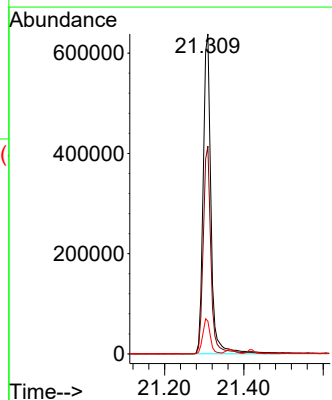
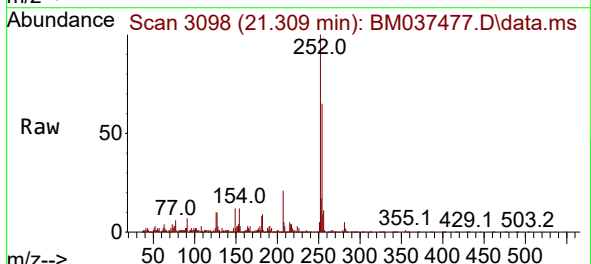
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

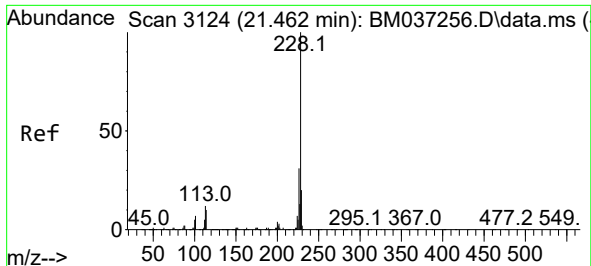
Tgt Ion:228 Resp: 2628308  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.3 33.5  
229 19.7 16.2 24.2



#82  
3,3'-Dichlorobenzidine  
Concen: 47.588 ng  
RT: 21.309 min Scan# 3098  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:252 Resp: 873316  
Ion Ratio Lower Upper  
252 100  
254 65.0 52.7 79.1  
126 10.2 9.8 14.6

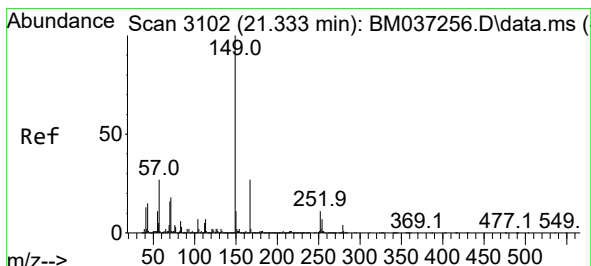
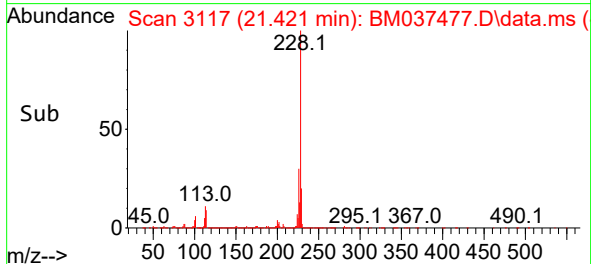
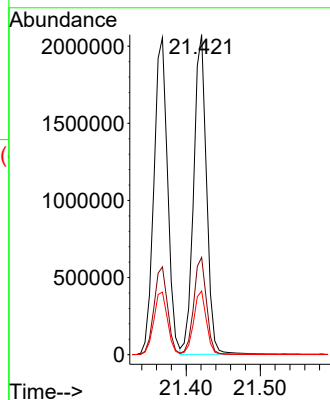
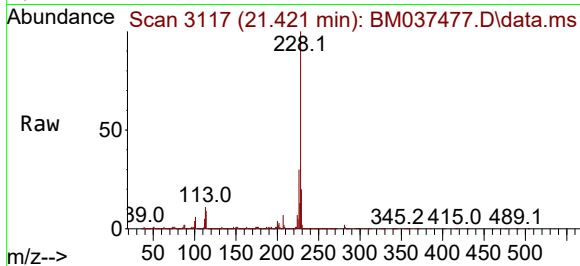




#83  
Chrysene  
Concen: 41.325 ng  
RT: 21.421 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

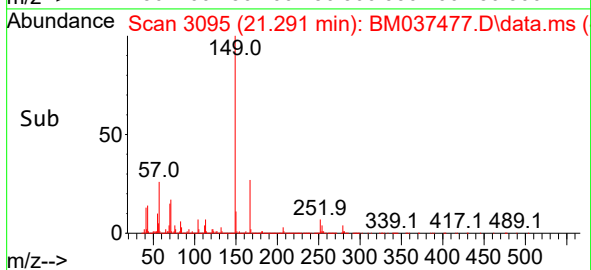
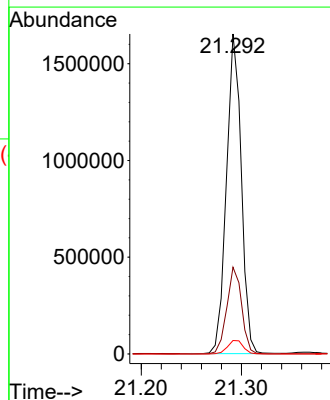
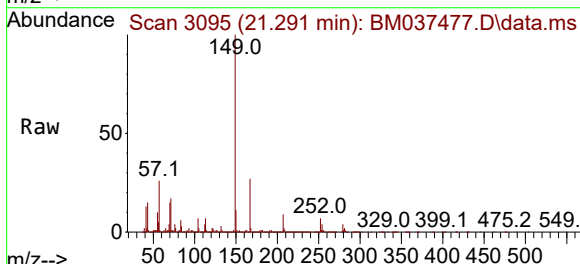
Instrument :  
BNA\_M  
ClientSampleId :  
SB-33MS

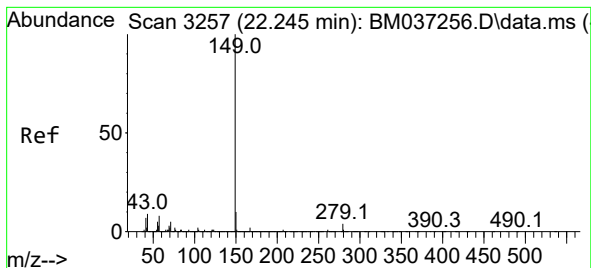
Tgt Ion:228 Resp: 2487730  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.4 36.6  
229 19.9 16.0 24.0



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 52.200 ng  
RT: 21.291 min Scan# 3095  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:149 Resp: 1688580  
Ion Ratio Lower Upper  
149 100  
167 27.1 21.2 31.8  
279 4.2 3.1 4.7

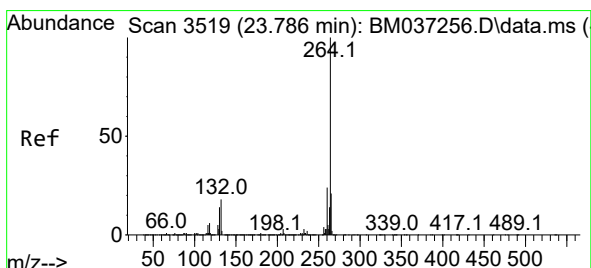
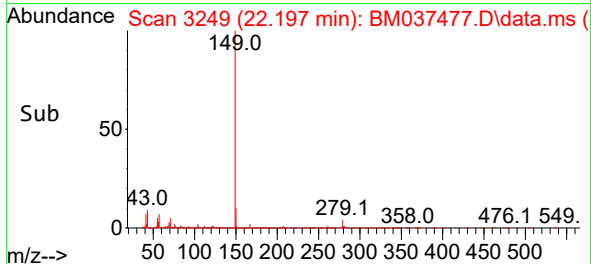
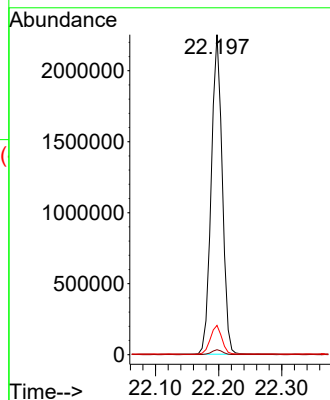
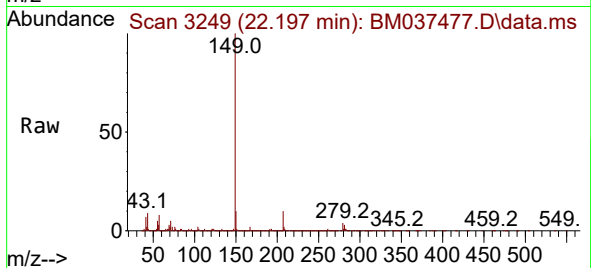




#85  
Di-n-octyl phthalate  
Concen: 53.559 ng  
RT: 22.197 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

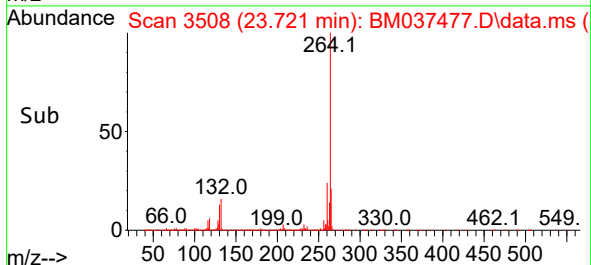
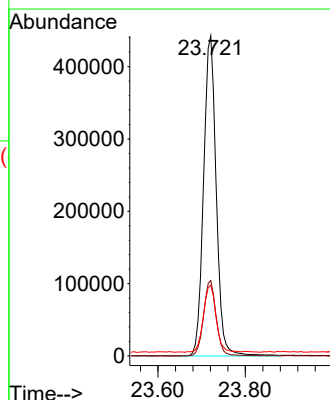
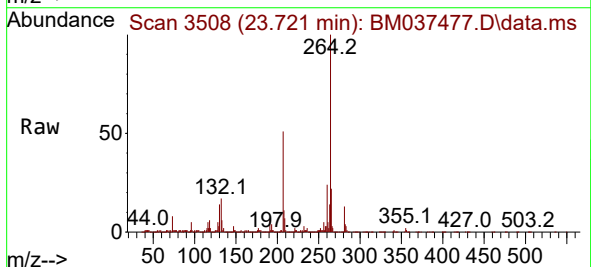
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ClientSampleId :  
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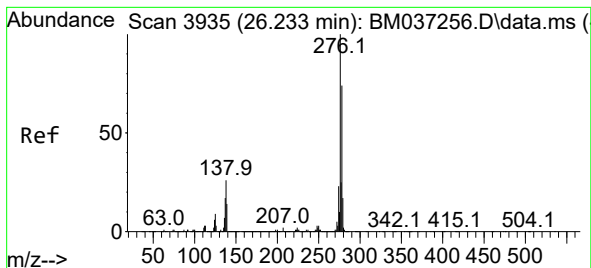
Tgt Ion:149 Resp: 2728615  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 9.3 8.0 12.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.721 min Scan# 3508  
Delta R.T. -0.000 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:264 Resp: 893238  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.9 28.3  
265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.195 ng

RT: 26.144 min Scan# 3935

Delta R.T. -0.000 min

Lab File: BM037477.D

Acq: 11 Nov 2022 21:17

Instrument :

BNA\_M

ClientSampleId :

SB-33MS

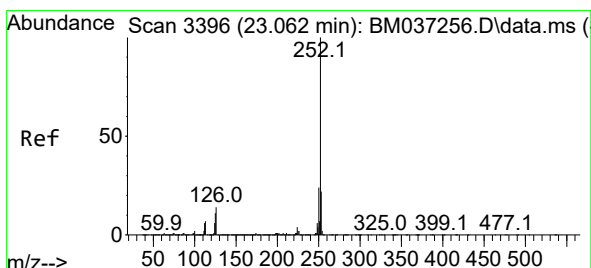
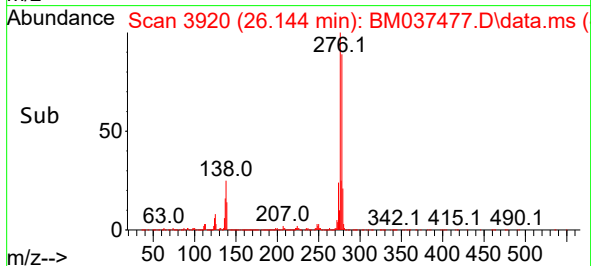
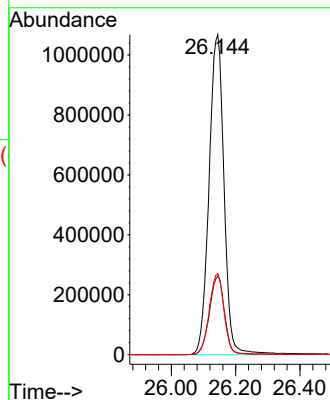
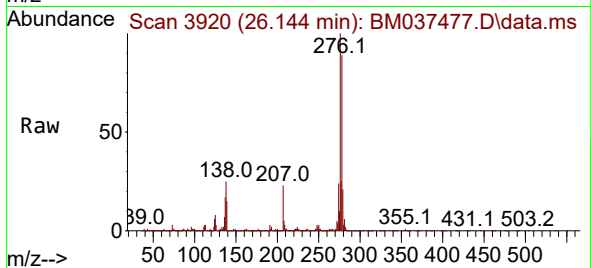
Tgt Ion:276 Resp: 3451651

Ion Ratio Lower Upper

276 100

138 24.8 21.5 32.3

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.625 ng

RT: 23.009 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BM037477.D

Acq: 11 Nov 2022 21:17

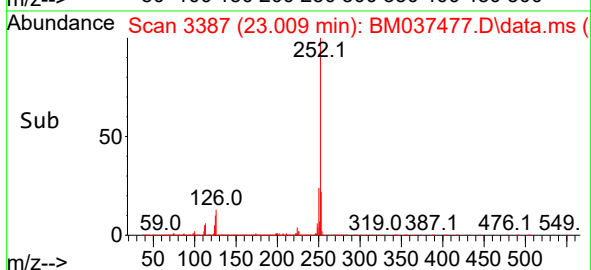
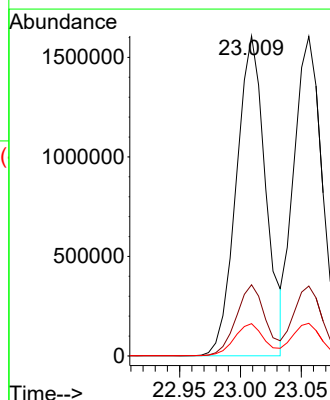
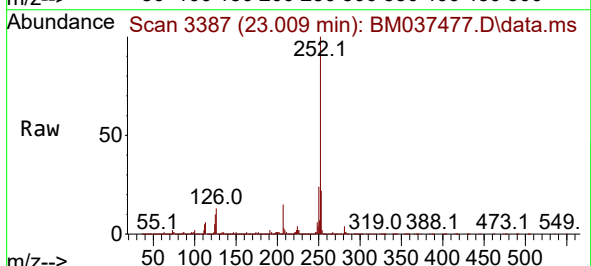
Tgt Ion:252 Resp: 2705334

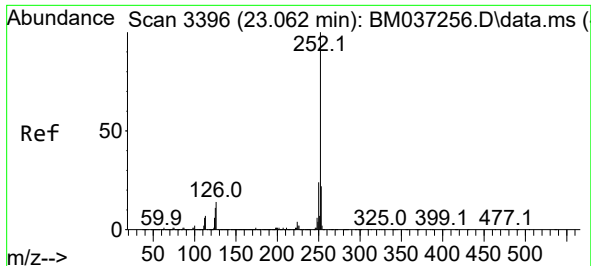
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.1 9.1 13.7

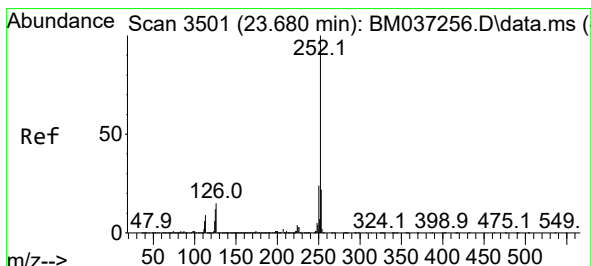
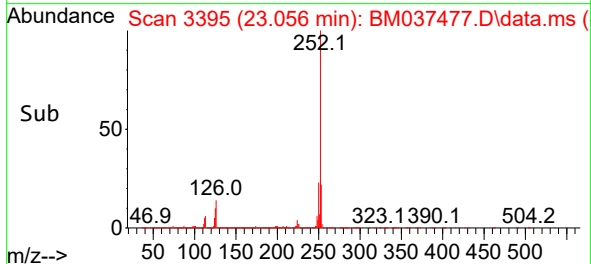
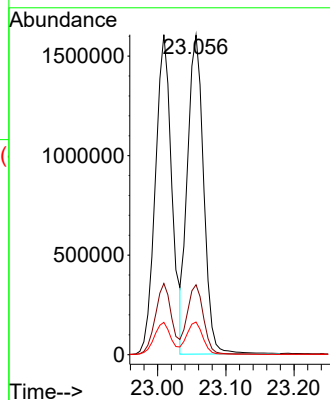
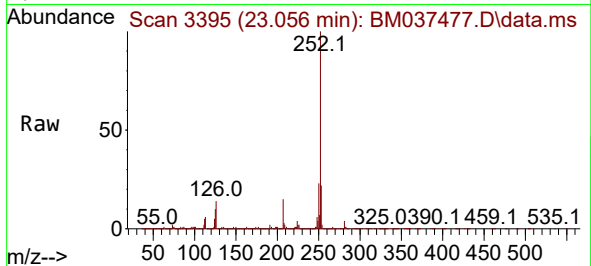




#89  
Benzo(k)fluoranthene  
Concen: 41.393 ng  
RT: 23.056 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

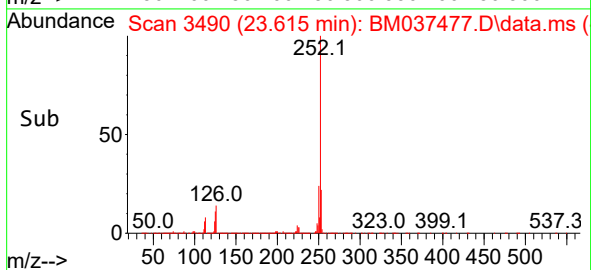
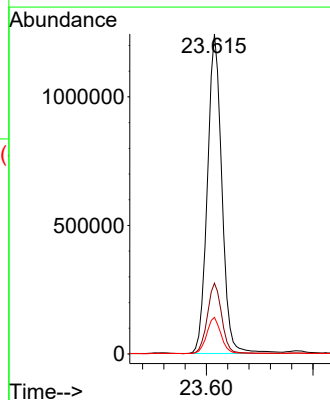
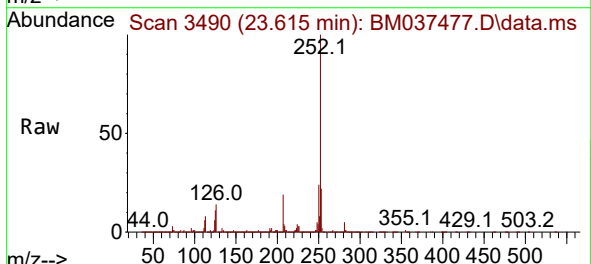
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SB-33MS

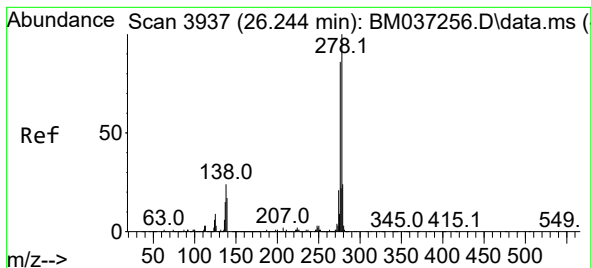
Tgt Ion:252 Resp: 2618296  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.6  
125 10.2 9.1 13.7



#90  
Benzo(a)pyrene  
Concen: 46.382 ng  
RT: 23.615 min Scan# 3490  
Delta R.T. -0.006 min  
Lab File: BM037477.D  
Acq: 11 Nov 2022 21:17

Tgt Ion:252 Resp: 2343567  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.2  
125 11.5 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 48.534 ng

RT: 26.150 min Scan# 3937

Delta R.T. -0.012 min

Lab File: BM037477.D

Acq: 11 Nov 2022 21:17

Instrument :

BNA\_M

ClientSampleId :

SB-33MS

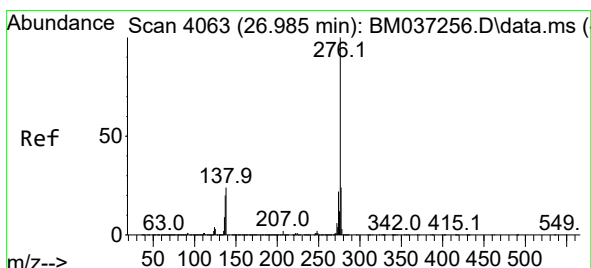
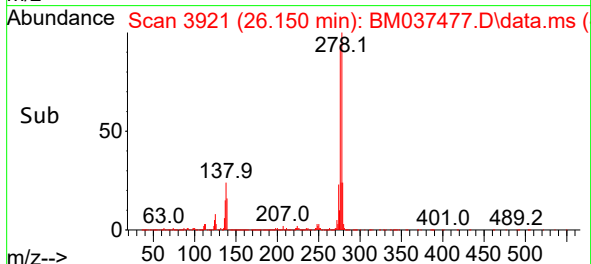
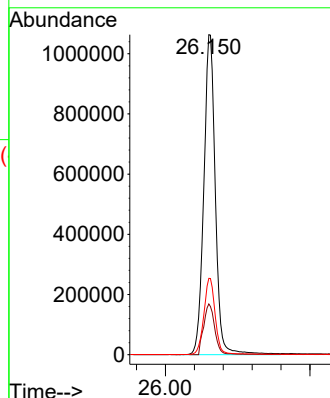
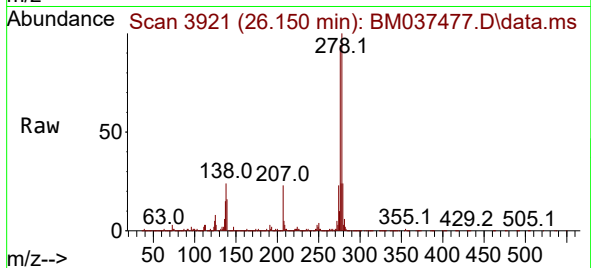
Tgt Ion:278 Resp: 2947699

Ion Ratio Lower Upper

278 100

139 15.9 13.8 20.8

279 23.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 49.658 ng

RT: 26.885 min Scan# 4046

Delta R.T. -0.000 min

Lab File: BM037477.D

Acq: 11 Nov 2022 21:17

Tgt Ion:276 Resp: 2935318

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 20.8 18.9 28.3

