

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071023\  
 Data File : BF134197.D  
 Acq On : 10 Jul 2023 21:09  
 Operator : CG\JU  
 Sample : 03507-07MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CP-3MS

Quant Time: Jul 11 01:57:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 10 18:49:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 122400   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 446793   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.886  | 164  | 149278   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.380 | 188  | 286741   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 234493   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 144987   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 648454   | 88.620 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.487  | 99   | 753465   | 83.730 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 545047   | 65.760 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.680 | 330  | 168350   | 89.947 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 889127   | 86.597 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.974 | 244  | 836342   | 57.401 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.675  | 88   | 117566   | 38.966 | ng    | 98       |
| 3) Pyridine                   | 3.457  | 79   | 304448   | 38.740 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.422  | 42   | 201241   | 44.835 | ng    | 94       |
| 6) Aniline                    | 6.510  | 93   | 432149   | 39.465 | ng    | 92       |
| 8) 2-Chlorophenol             | 6.634  | 128  | 365379   | 49.190 | ng    | 97       |
| 9) Benzaldehyde               | 6.398  | 77   | 253759   | 57.899 | ng    | 96       |
| 10) Phenol                    | 6.498  | 94   | 423256   | 44.735 | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.587  | 93   | 332804   | 47.777 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.787  | 146  | 364344   | 46.009 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.863  | 146  | 396782   | 49.607 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.016  | 146  | 375191   | 50.086 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.992  | 79   | 322459   | 46.483 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 557755   | 45.260 | ng    | 97       |
| 17) 2-Methylphenol            | 7.104  | 107  | 290299   | 43.644 | ng    | 98       |
| 18) Hexachloroethane          | 7.351  | 117  | 141703   | 47.779 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 253901   | 44.492 | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.257  | 107  | 343334   | 42.548 | ng    | 97       |
| 22) Acetophenone              | 7.257  | 105  | 476825   | 46.926 | ng    | 98       |
| 24) Nitrobenzene              | 7.428  | 77   | 396931   | 47.391 | ng    | 96       |
| 25) Isophorone                | 7.669  | 82   | 679546   | 45.112 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.745  | 139  | 180901   | 45.023 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.781  | 122  | 304275   | 47.841 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 407085   | 46.671 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.986  | 162  | 285610   | 45.286 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.069  | 180  | 311702   | 47.898 | ng    | 99       |
| 31) Naphthalene               | 8.151  | 128  | 980746   | 45.444 | ng    | 100      |
| 32) Benzoic acid              | 7.875  | 122  | 125988m  | 26.436 | ng    |          |
| 33) 4-Chloroaniline           | 8.198  | 127  | 289471   | 31.356 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.257  | 225  | 199346   | 48.561 | ng    | 98       |
| 35) Caprolactam               | 8.575  | 113  | 71447    | 34.406 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.681  | 107  | 256363   | 36.184 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 611081   | 40.041 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.939  | 142  | 559233   | 39.416 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 283325   | 64.063 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.986  | 237  | 42586    | 20.297 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.122  | 196  | 173855   | 57.747 | ng    | 99       |

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 QLast Update : Mon Jul 10 18:49:59 2023  
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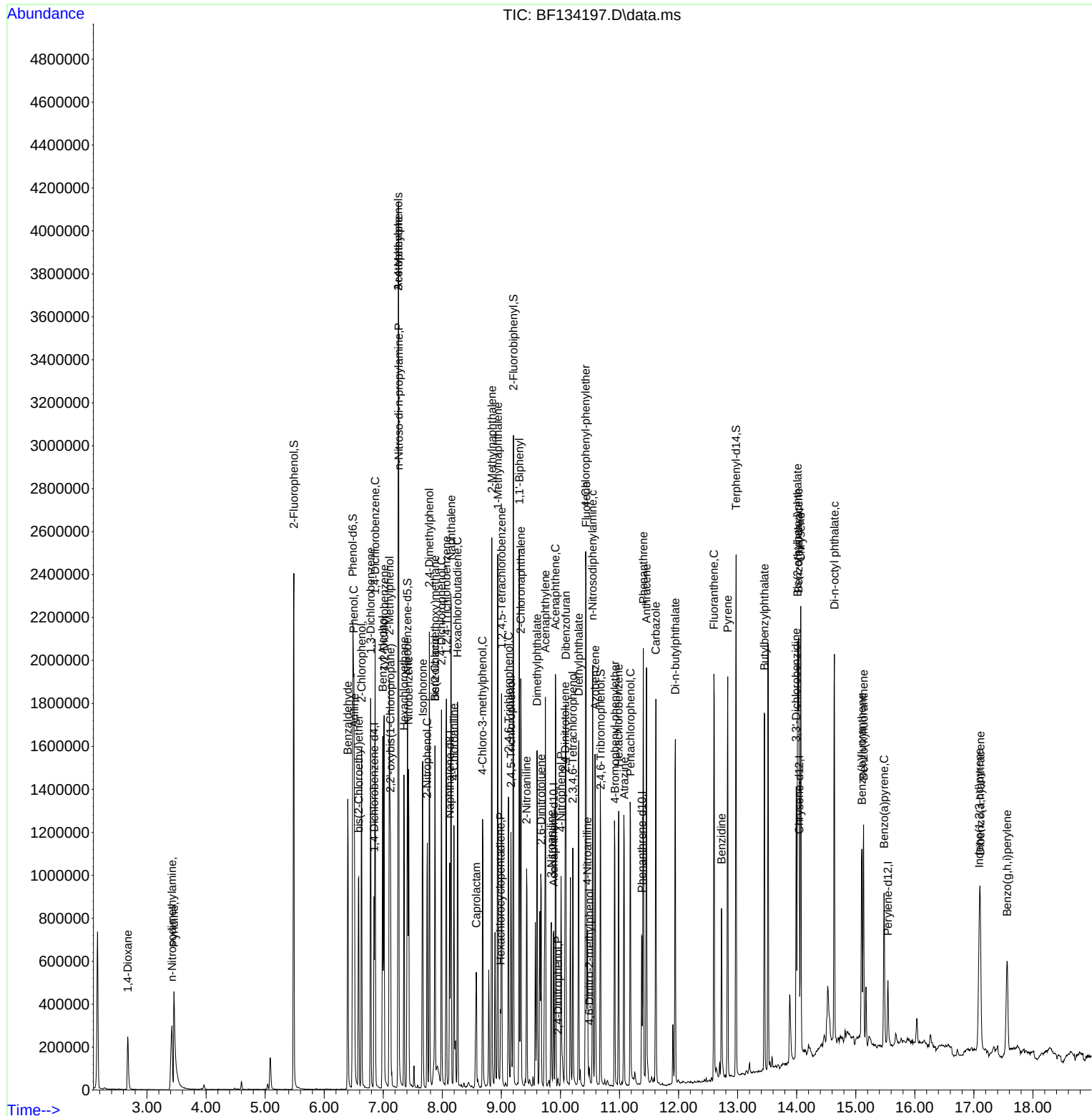
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.163  | 196  | 172727   | 48.774 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 668016   | 55.786 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.328  | 162  | 523633   | 59.766 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.428  | 65   | 178182   | 55.803 | ng    | 98       |
| 49) Acenaphthylene            | 9.745  | 152  | 708259   | 47.323 | ng    | 100      |
| 50) Dimethylphthalate         | 9.604  | 163  | 645469   | 59.566 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.675  | 165  | 114512   | 49.064 | ng    | 95       |
| 52) Acenaphthene              | 9.916  | 154  | 416654   | 47.977 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.845  | 138  | 116713   | 41.684 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 4861     | 7.296  | ng    | # 78     |
| 55) Dibenzofuran              | 10.092 | 168  | 635606   | 46.831 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.010 | 139  | 155512   | 79.403 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.080 | 165  | 139982   | 45.416 | ng    | 98       |
| 58) Fluorene                  | 10.433 | 166  | 526715   | 49.882 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.210 | 232  | 126476   | 45.276 | ng    | 95       |
| 60) Diethylphthalate          | 10.310 | 149  | 599299   | 53.084 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.427 | 204  | 260805   | 51.252 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.457 | 138  | 125307   | 44.408 | ng    | 95       |
| 63) Azobenzene                | 10.586 | 77   | 543979   | 50.939 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 7190     | 4.599  | ng    | 78       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 469514   | 51.249 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.922 | 248  | 149684   | 49.113 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 169607   | 52.413 | ng    | 92       |
| 69) Atrazine                  | 11.080 | 200  | 146333   | 57.745 | ng    | 98       |
| 70) Pentachlorophenol         | 11.186 | 266  | 161984   | 83.720 | ng    | 98       |
| 71) Phenanthrene              | 11.404 | 178  | 706784   | 48.963 | ng    | 99       |
| 72) Anthracene                | 11.457 | 178  | 707865   | 47.147 | ng    | 99       |
| 73) Carbazole                 | 11.616 | 167  | 699711   | 50.916 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.945 | 149  | 796658   | 48.748 | ng    | 99       |
| 75) Fluoranthene              | 12.598 | 202  | 832571   | 53.351 | ng    | 99       |
| 77) Benzidine                 | 12.727 | 184  | 326640   | 58.542 | ng    | 100      |
| 78) Pyrene                    | 12.833 | 202  | 784565   | 35.952 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 384109   | 46.931 | ng    | 93       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 733393   | 45.097 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 278578   | 54.069 | ng    | # 97     |
| 83) Chrysene                  | 14.068 | 228  | 718927   | 45.642 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149  | 466986   | 49.655 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.639 | 149  | 890612   | 64.450 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.092 | 276  | 486683   | 48.375 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 477138   | 55.967 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 467304   | 53.836 | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 378655   | 45.931 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.109 | 278  | 395936   | 48.182 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.562 | 276  | 400287   | 47.236 | ng    | 99       |

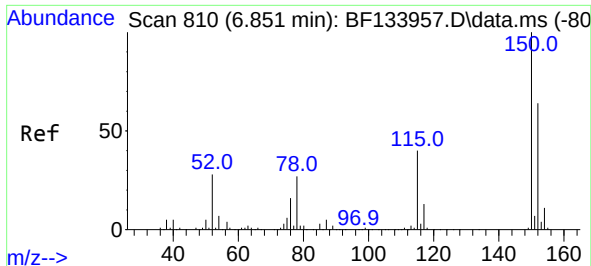
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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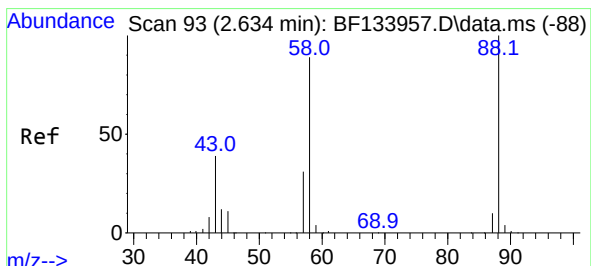
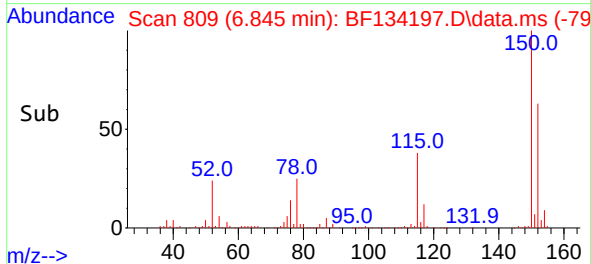
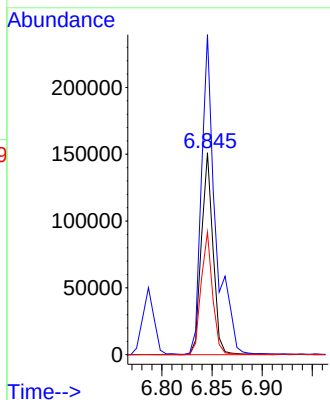
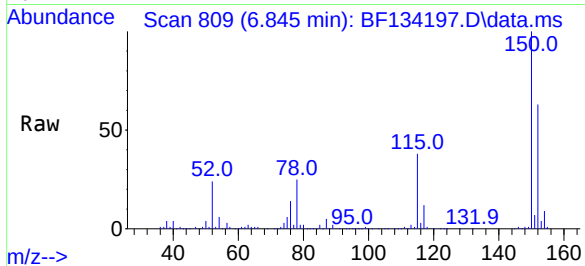




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.845 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BF134197.D  
 Acq: 10 Jul 2023 21:09

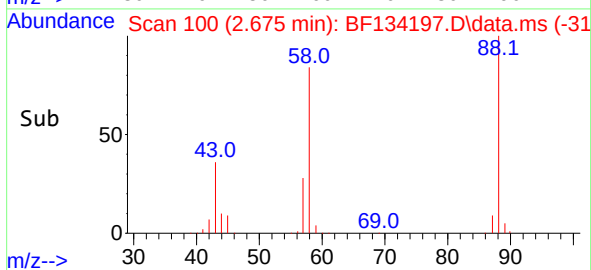
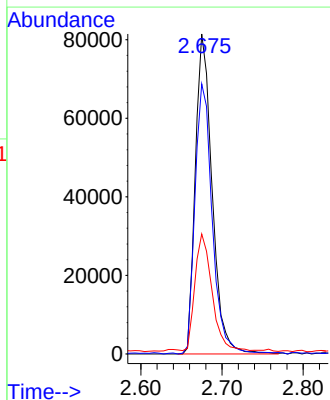
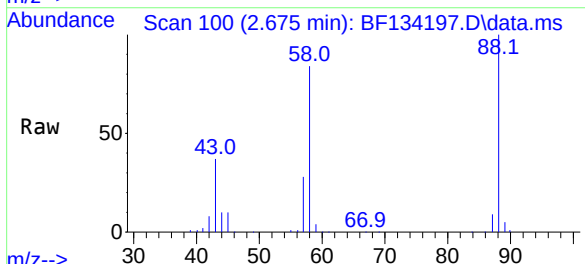
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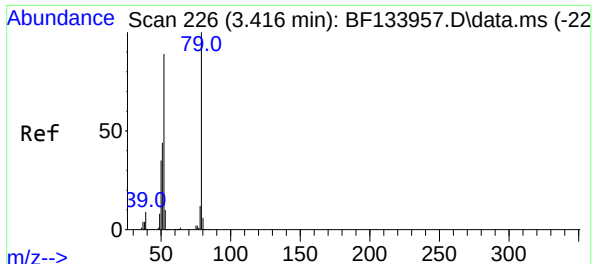
Tgt Ion:152 Resp: 122400  
 Ion Ratio Lower Upper  
 152 100  
 150 158.4 124.5 186.7  
 115 60.7 50.2 75.2



#2  
 1,4-Dioxane  
 Concen: 38.966 ng  
 RT: 2.675 min Scan# 100  
 Delta R.T. 0.059 min  
 Lab File: BF134197.D  
 Acq: 10 Jul 2023 21:09

Tgt Ion: 88 Resp: 117566  
 Ion Ratio Lower Upper  
 88 100  
 58 87.1 68.8 103.2  
 43 36.6 30.7 46.1

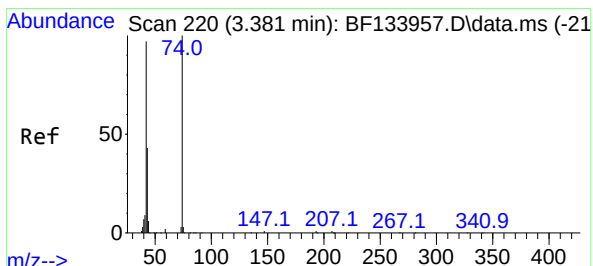
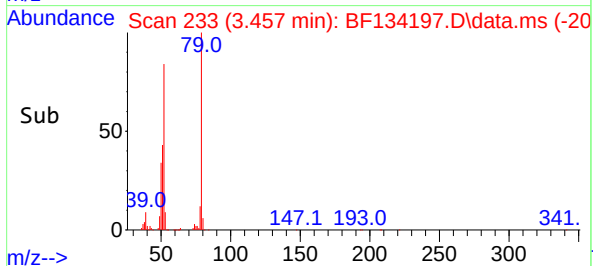
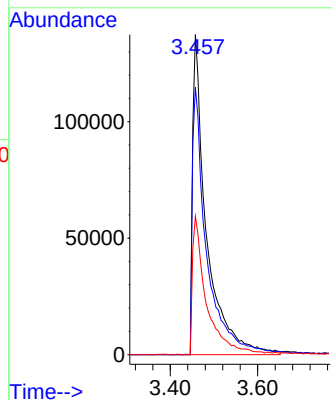
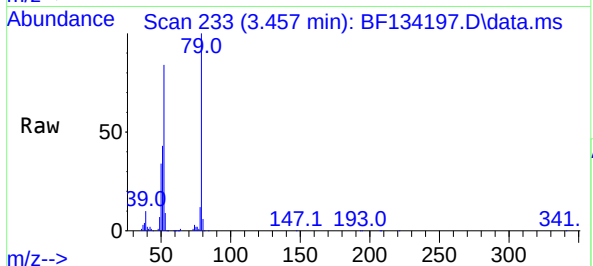




#3  
Pyridine  
Concen: 38.740 ng  
RT: 3.457 min Scan# 21  
Delta R.T. 0.059 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

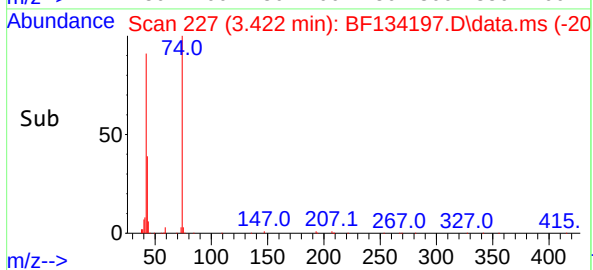
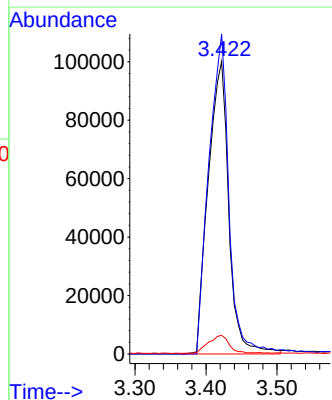
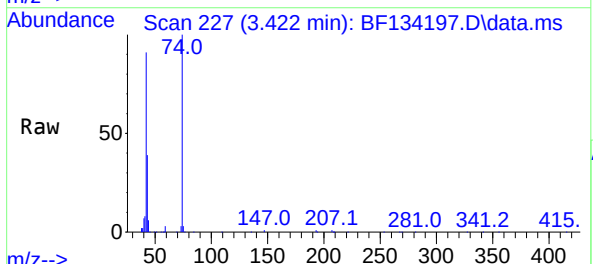
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ClientSampleId :  
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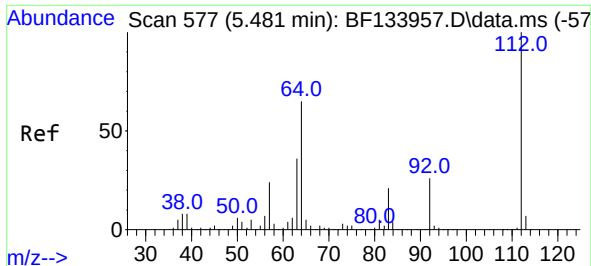
Tgt Ion: 79 Resp: 304448  
Ion Ratio Lower Upper  
79 100  
52 83.6 71.1 106.7  
51 43.3 35.2 52.8



#4  
n-Nitrosodimethylamine  
Concen: 44.835 ng  
RT: 3.422 min Scan# 227  
Delta R.T. 0.059 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion: 42 Resp: 201241  
Ion Ratio Lower Upper  
42 100  
74 109.3 82.4 123.6  
44 6.4 4.9 7.3

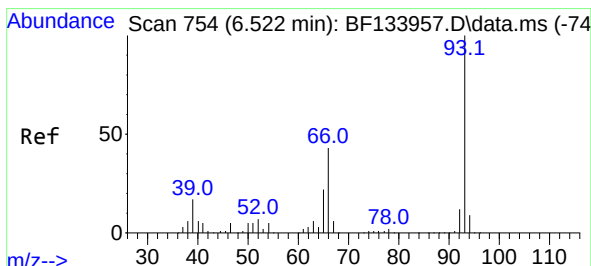
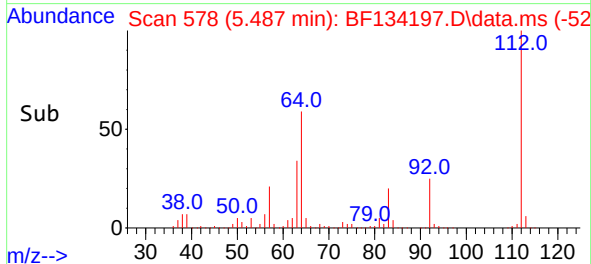
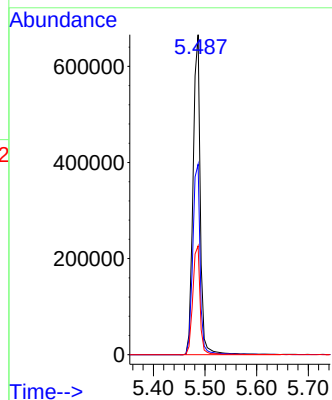
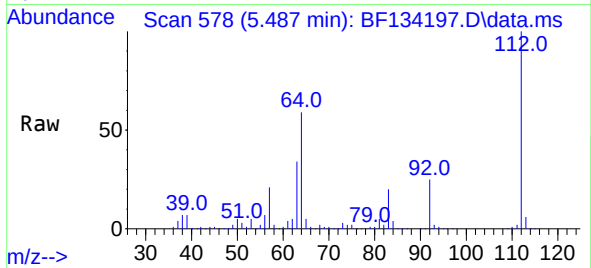




#5  
2-Fluorophenol  
Concen: 88.620 ng  
RT: 5.487 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

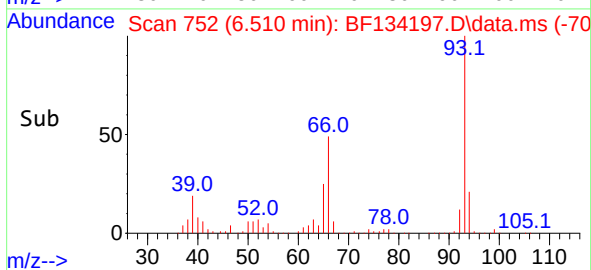
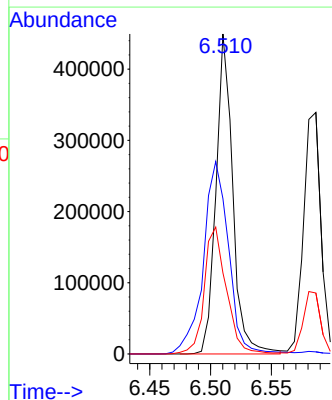
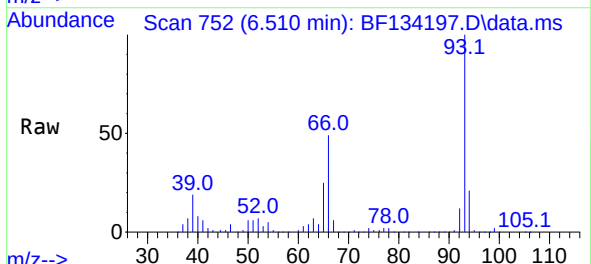
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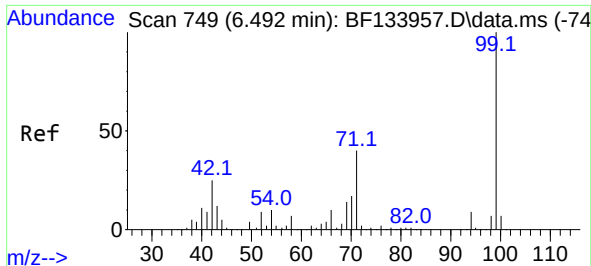
Tgt Ion:112 Resp: 648454  
Ion Ratio Lower Upper  
112 100  
64 59.5 52.1 78.1  
63 34.0 28.6 42.8



#6  
Aniline  
Concen: 39.465 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion: 93 Resp: 432149  
Ion Ratio Lower Upper  
93 100  
66 48.6 34.5 51.7  
65 25.3 17.8 26.6

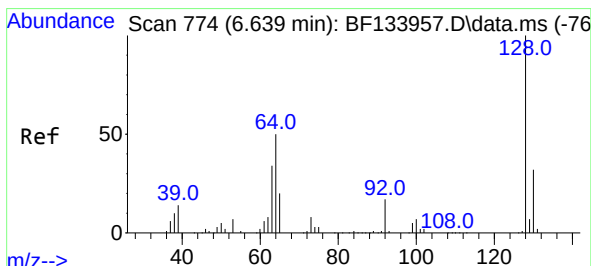
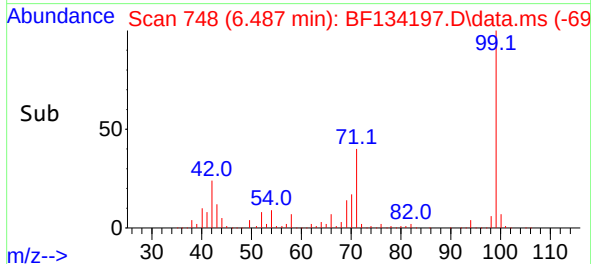
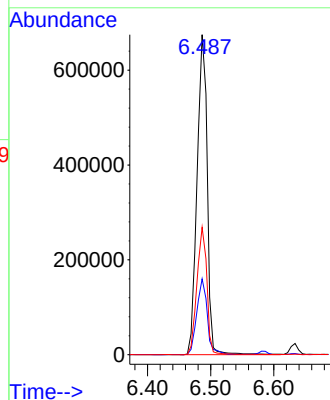
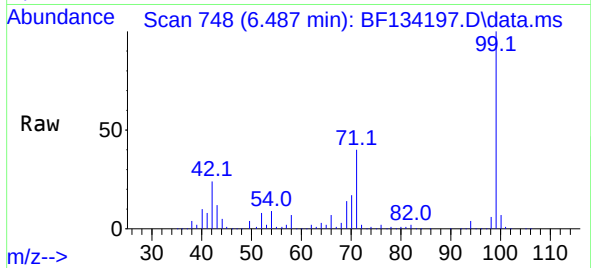




#7  
Phenol-d6  
Concen: 83.730 ng  
RT: 6.487 min Scan# 749  
Delta R.T. 0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

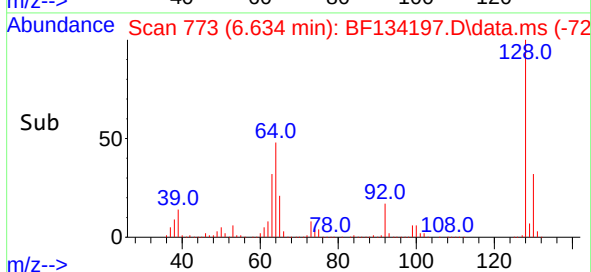
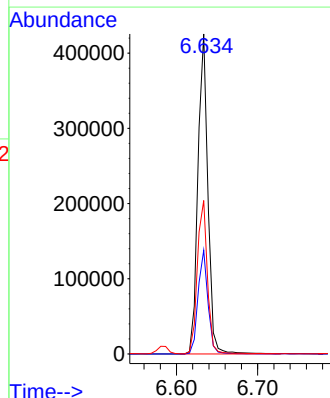
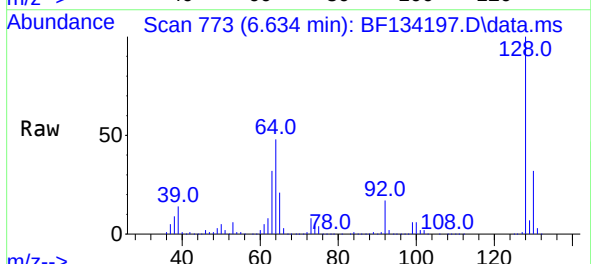
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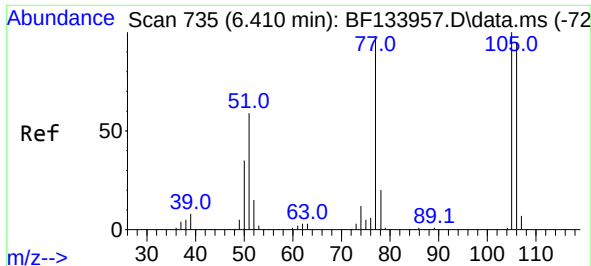
Tgt Ion: 99 Resp: 753465  
Ion Ratio Lower Upper  
99 100  
42 23.7 19.8 29.6  
71 39.8 31.9 47.9



#8  
2-Chlorophenol  
Concen: 49.190 ng  
RT: 6.634 min Scan# 773  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
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Tgt Ion: 128 Resp: 365379  
Ion Ratio Lower Upper  
128 100  
130 32.4 11.7 51.7  
64 48.0 31.3 71.3

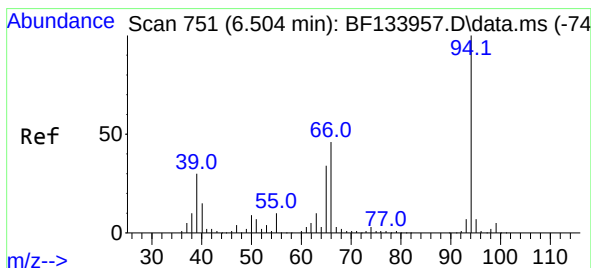
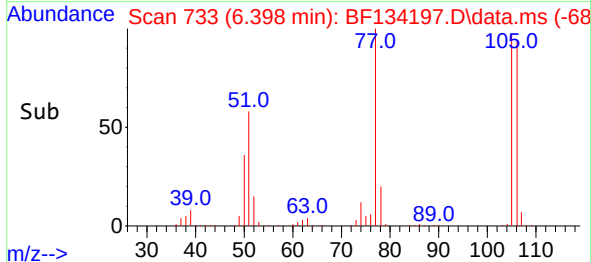
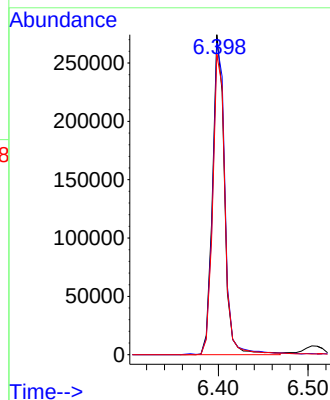
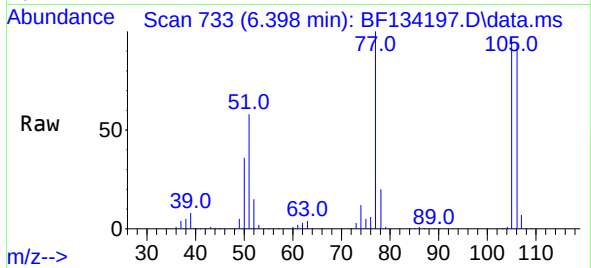




#9  
Benzaldehyde  
Concen: 57.899 ng  
RT: 6.398 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

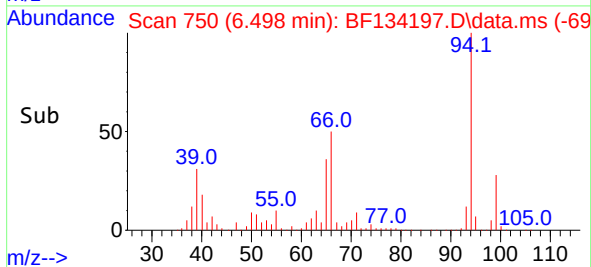
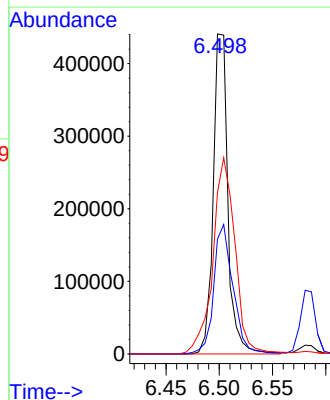
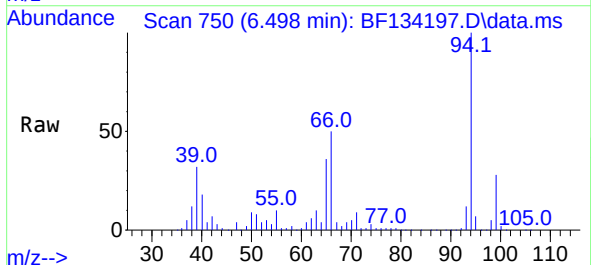
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

Tgt Ion: 77 Resp: 253759  
Ion Ratio Lower Upper  
77 100  
105 97.4 82.0 122.0  
106 93.9 76.9 116.9

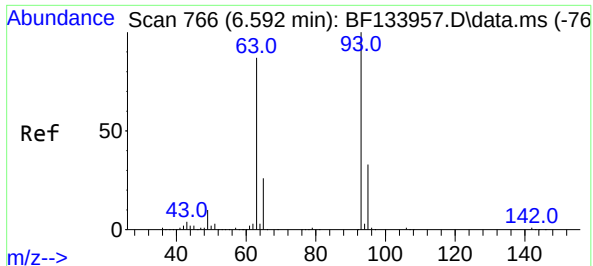


#10  
Phenol  
Concen: 44.735 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion: 94 Resp: 423256  
Ion Ratio Lower Upper  
94 100  
65 35.9 14.2 54.2  
66 50.5 26.4 66.4

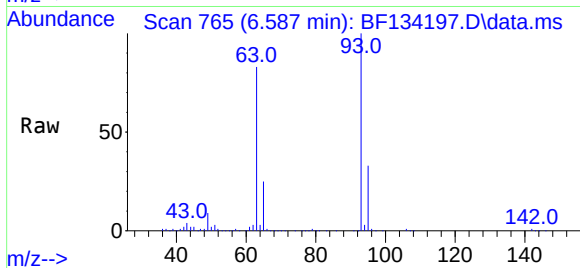






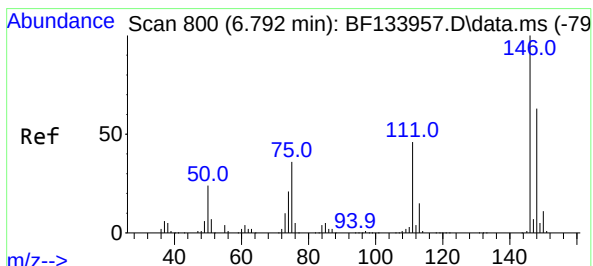
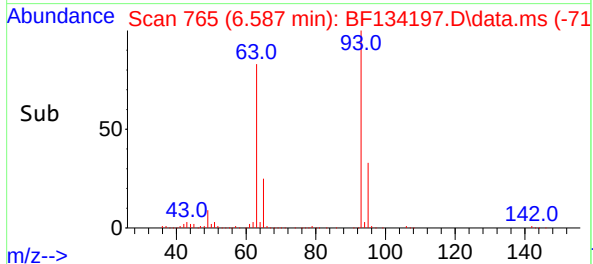
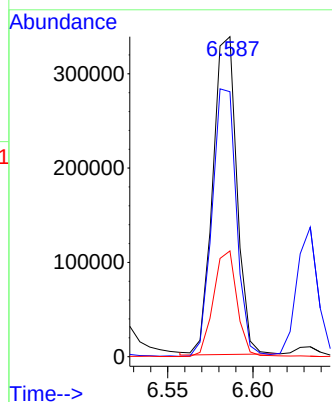
#11  
bis(2-Chloroethyl)ether  
Concen: 47.777 ng  
RT: 6.587 min Scan# 766  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS



Tgt Ion: 93 Resp: 332804

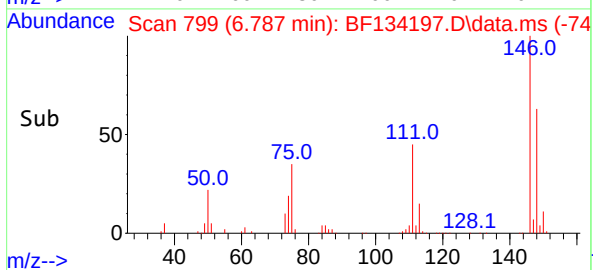
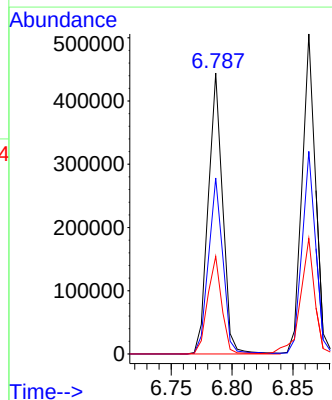
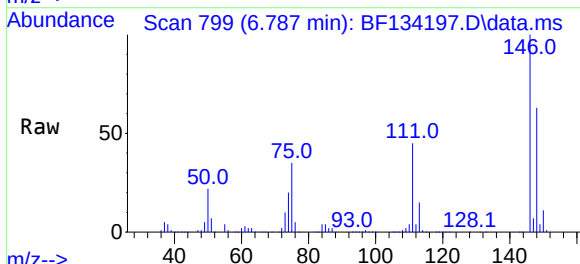
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 82.8  | 66.5  | 106.5 |
| 95  | 33.0  | 12.9  | 52.9  |

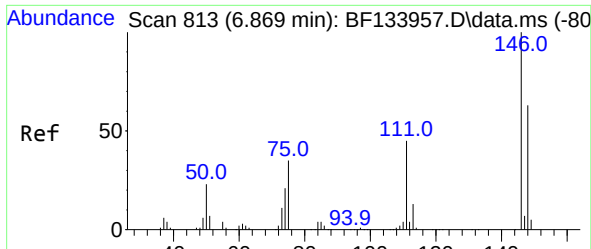


#12  
1,3-Dichlorobenzene  
Concen: 46.009 ng  
RT: 6.787 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion: 146 Resp: 364344

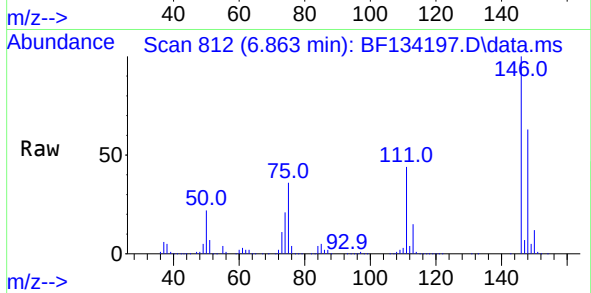
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 62.6  | 50.5  | 75.7  |
| 75  | 34.7  | 29.0  | 43.6  |



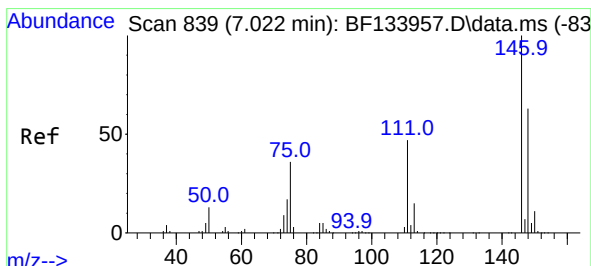
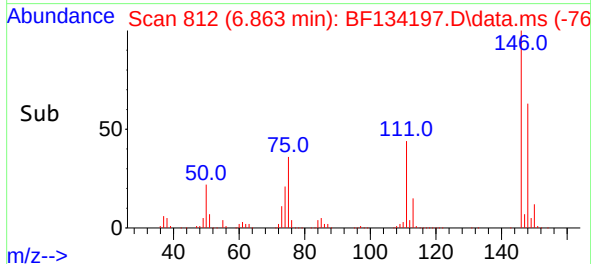
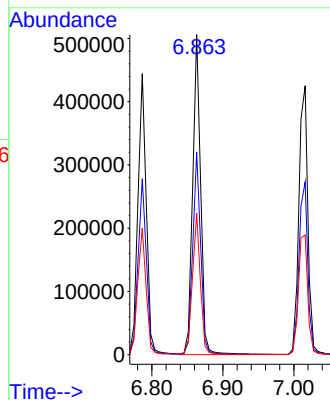


#13  
1,4-Dichlorobenzene  
Concen: 49.607 ng  
RT: 6.863 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

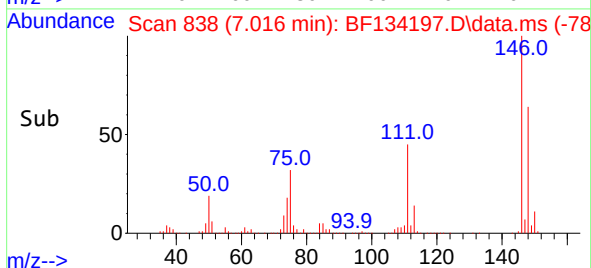
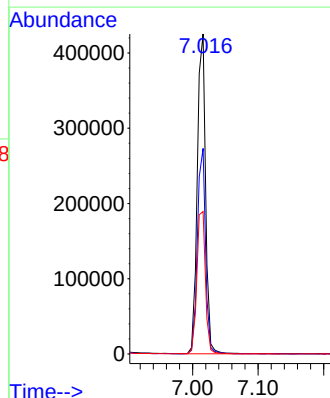
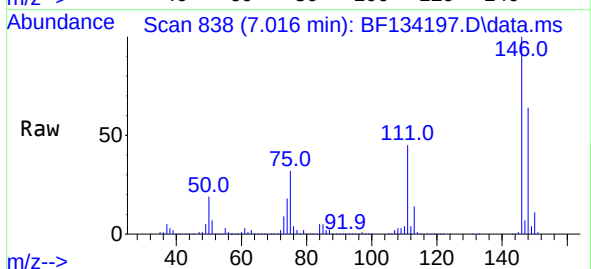


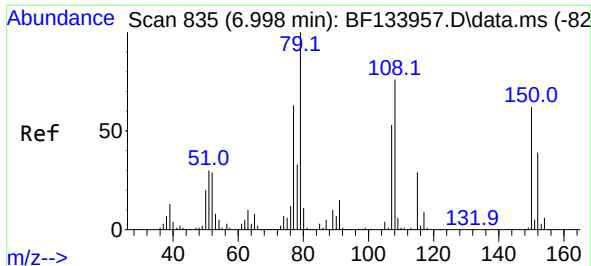
Tgt Ion:146 Resp: 396782  
Ion Ratio Lower Upper  
146 100  
148 63.3 50.2 75.2  
111 44.3 35.8 53.6



#14  
1,2-Dichlorobenzene  
Concen: 50.086 ng  
RT: 7.016 min Scan# 838  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:146 Resp: 375191  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.6 76.0  
111 44.5 38.0 57.0

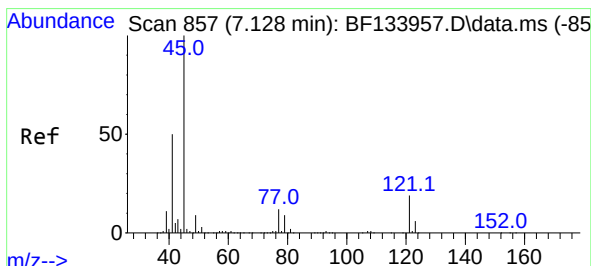
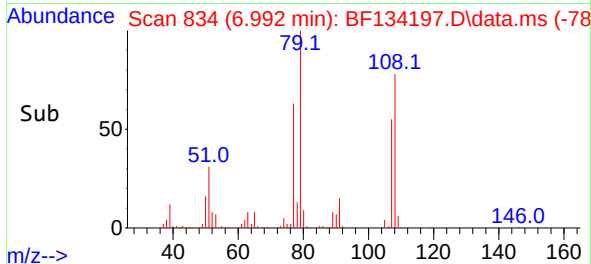
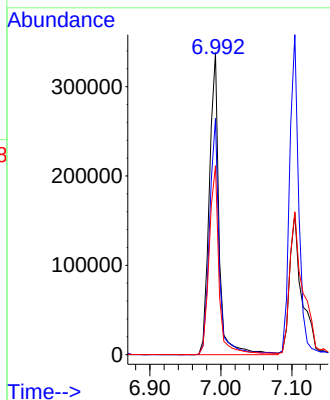
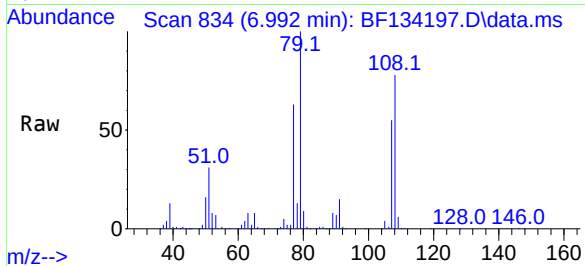




#15  
Benzyl Alcohol  
Concen: 46.483 ng  
RT: 6.992 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

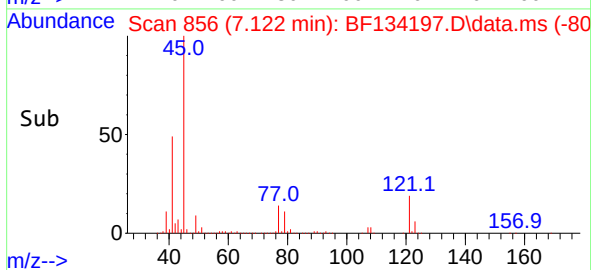
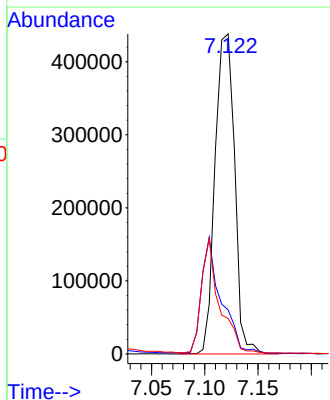
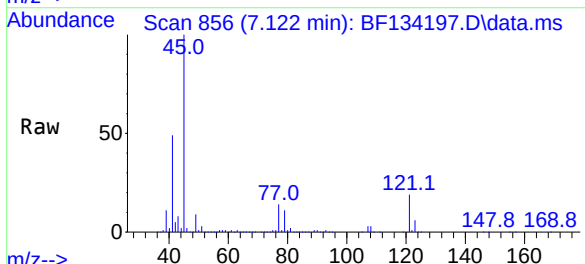
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

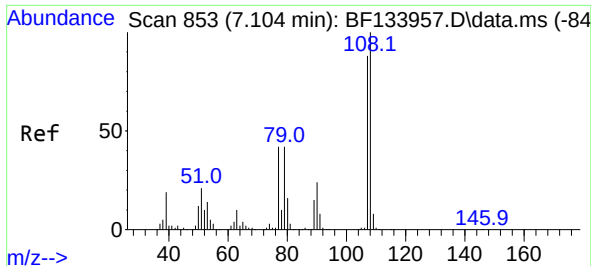
Tgt Ion: 79 Resp: 322459  
Ion Ratio Lower Upper  
79 100  
108 78.2 60.7 91.1  
77 62.6 50.6 75.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.260 ng  
RT: 7.122 min Scan# 856  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion: 45 Resp: 557755  
Ion Ratio Lower Upper  
45 100  
77 13.7 0.0 32.9  
79 11.1 0.0 29.5



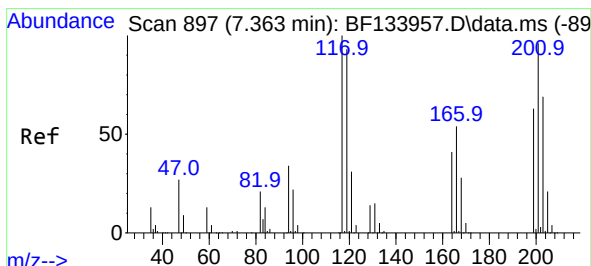
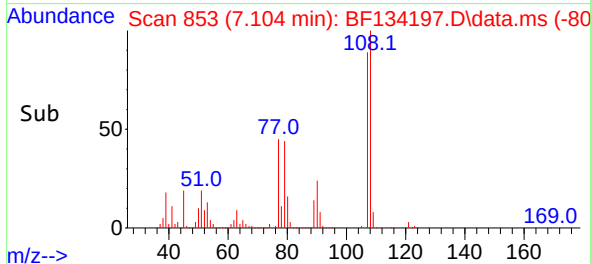
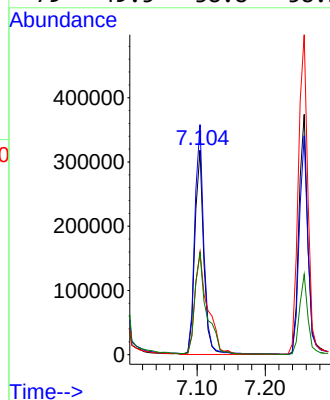
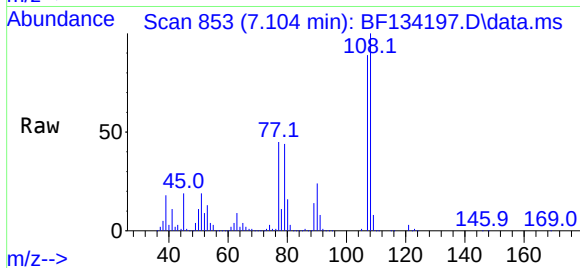


#17  
2-Methylphenol  
Concen: 43.644 ng  
RT: 7.104 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

Tgt Ion:107 Resp: 290299

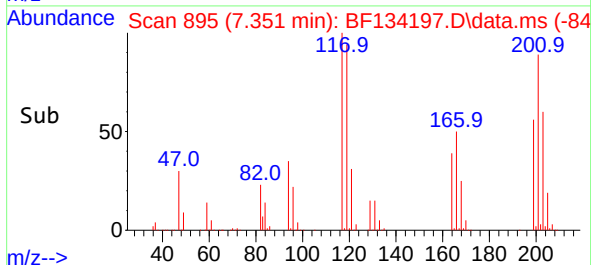
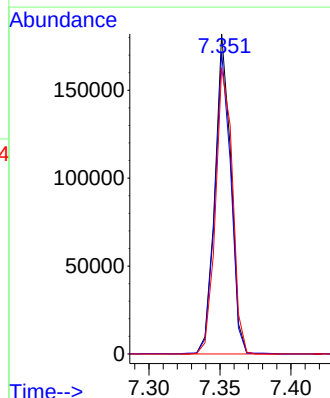
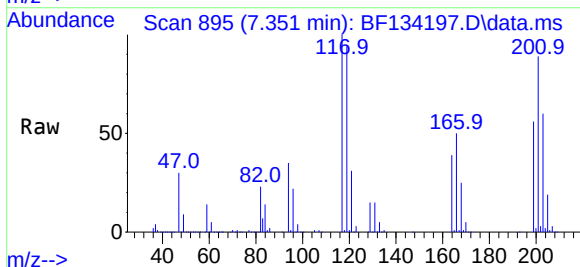
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 112.5 | 90.6  | 136.0 |
| 77  | 50.2  | 38.3  | 57.5  |
| 79  | 49.5  | 38.8  | 58.2  |

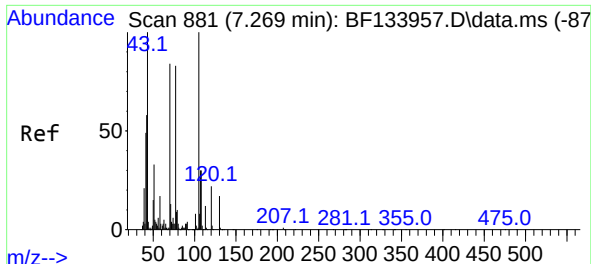


#18  
Hexachloroethane  
Concen: 47.779 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:117 Resp: 141703

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 94.4  | 74.2  | 111.4 |
| 201 | 89.5  | 77.2  | 115.8 |





#19

n-Nitroso-di-n-propylamine

Concen: 44.492 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF134197.D

Acq: 10 Jul 2023 21:09

Instrument :

BNA\_F

ClientSampleId :

CP-3MS

Tgt Ion: 70 Resp: 253901

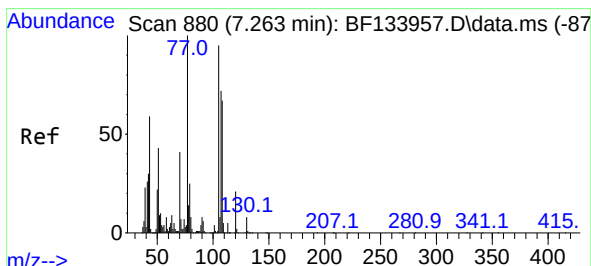
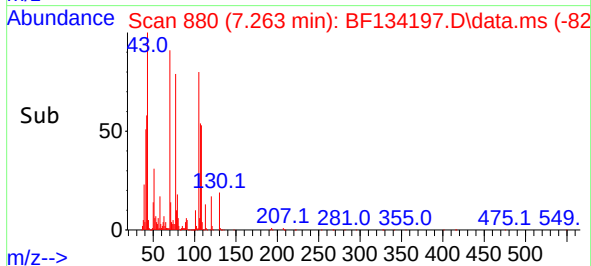
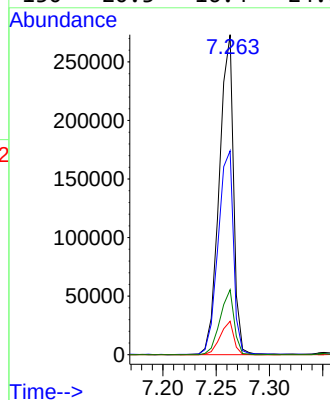
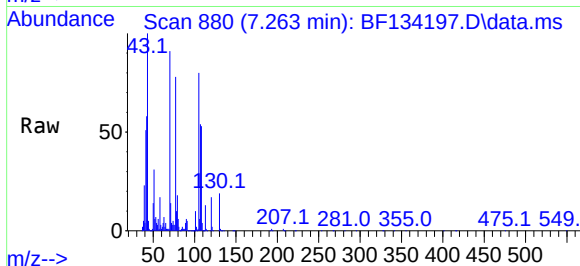
Ion Ratio Lower Upper

70 100

42 63.7 54.7 82.1

101 10.4 7.7 11.5

130 20.3 16.4 24.6



#20

3+4-Methylphenols

Concen: 42.548 ng

RT: 7.257 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF134197.D

Acq: 10 Jul 2023 21:09

Tgt Ion:107 Resp: 343334

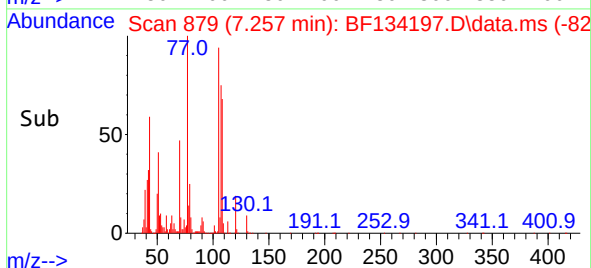
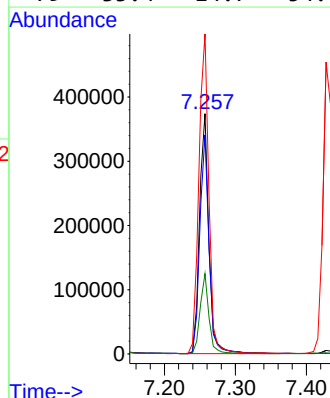
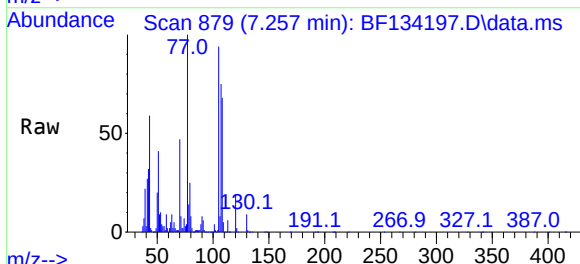
Ion Ratio Lower Upper

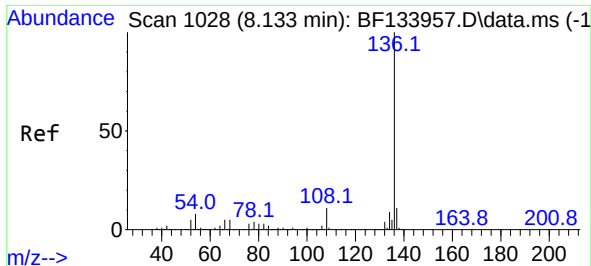
107 100

108 91.2 73.2 113.2

77 133.2 118.3 158.3

79 33.4 14.7 54.7



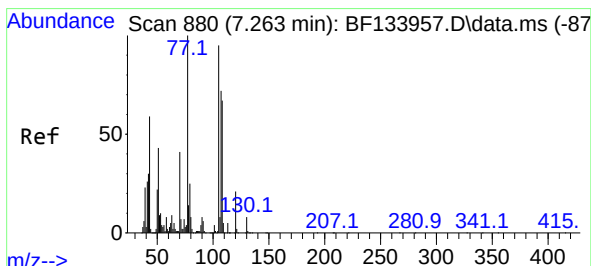
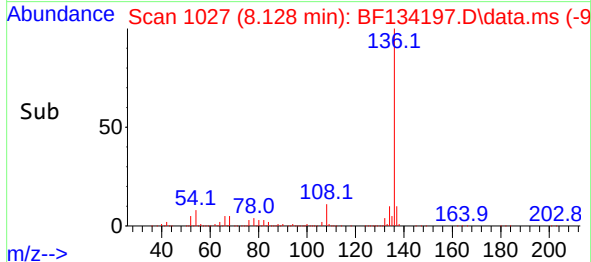
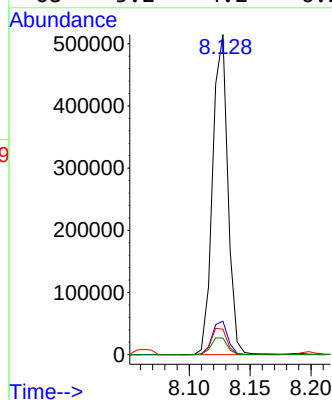
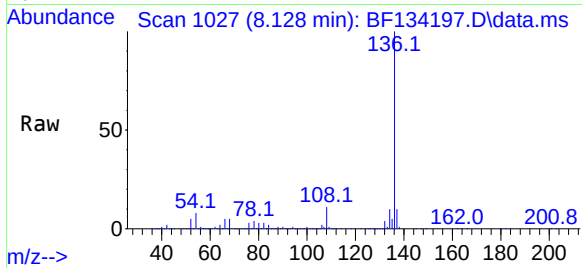


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

Tgt Ion:136 Resp: 446793

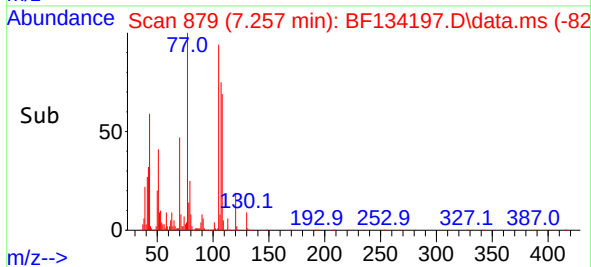
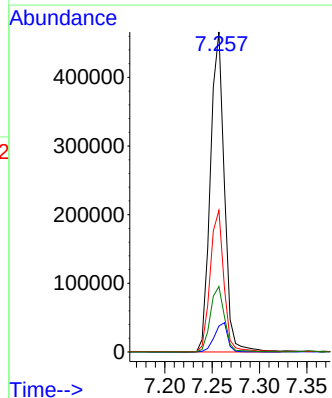
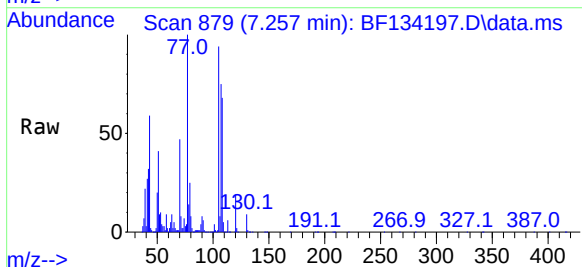
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.4  | 8.6   | 12.8  |
| 54  | 8.0   | 6.5   | 9.7   |
| 68  | 5.2   | 4.2   | 6.2   |

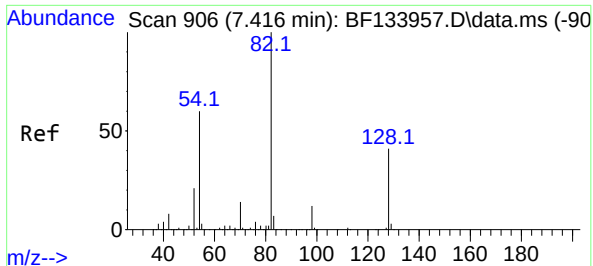


#22  
Acetophenone  
Concen: 46.926 ng  
RT: 7.257 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:105 Resp: 476825

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.1   | 5.5   | 8.3   |
| 51  | 44.3  | 36.5  | 54.7  |
| 120 | 20.5  | 17.3  | 25.9  |

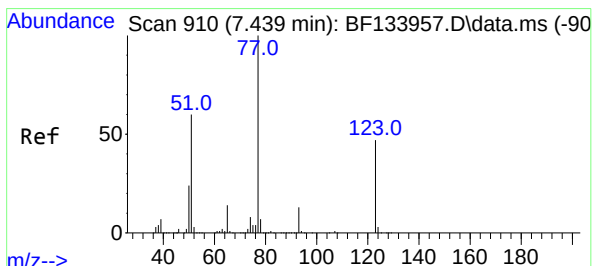
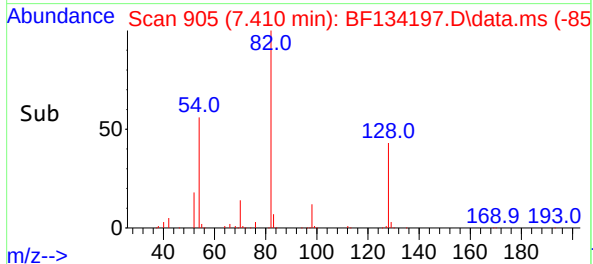
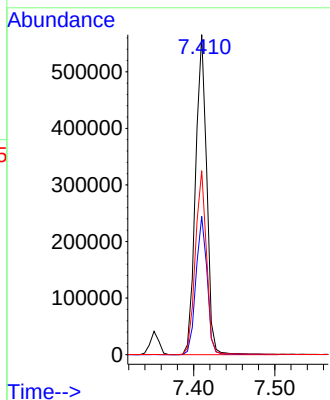
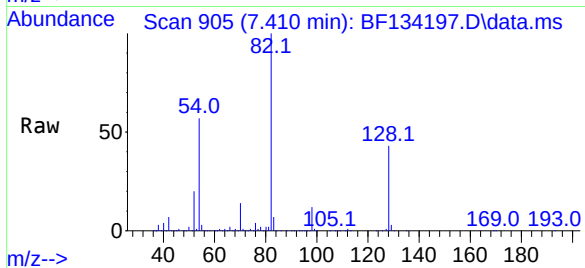




#23  
Nitrobenzene-d5  
Concen: 65.760 ng  
RT: 7.410 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

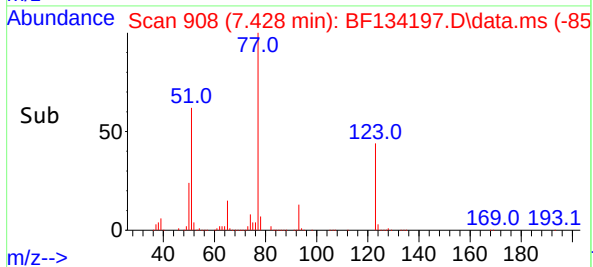
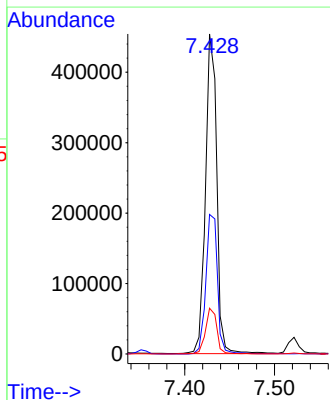
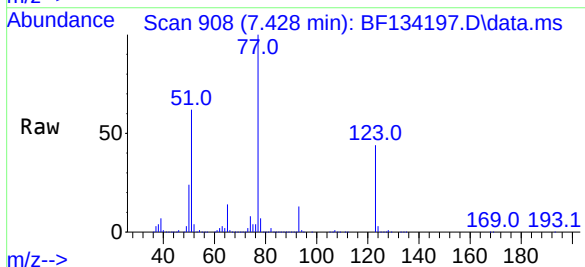
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

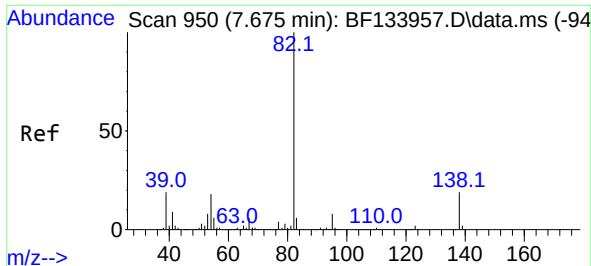
Tgt Ion: 82 Resp: 545047  
Ion Ratio Lower Upper  
82 100  
128 43.2 32.5 48.7  
54 57.5 48.2 72.2



#24  
Nitrobenzene  
Concen: 47.391 ng  
RT: 7.428 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion: 77 Resp: 396931  
Ion Ratio Lower Upper  
77 100  
123 43.6 37.8 56.6  
65 14.3 11.3 16.9

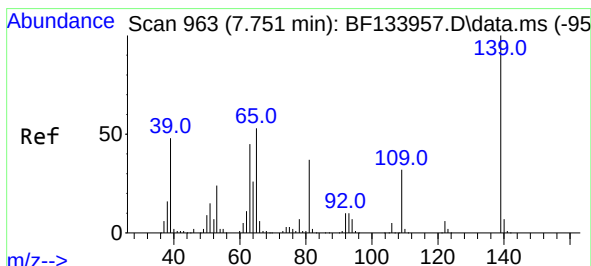
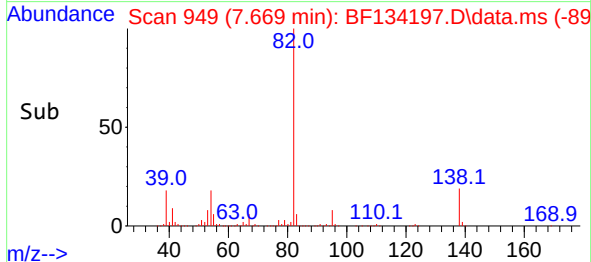
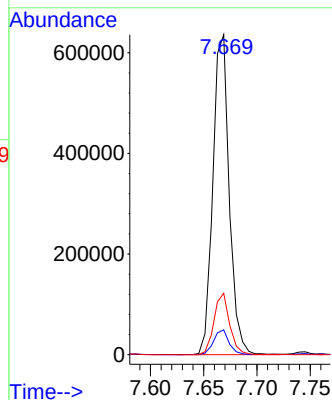
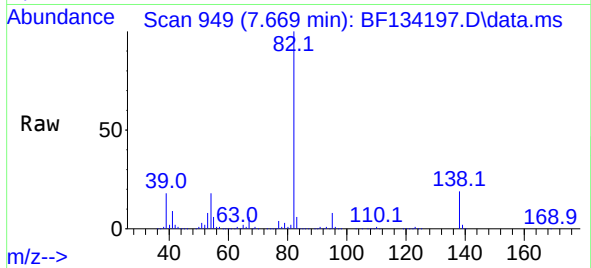




#25  
Isophorone  
Concen: 45.112 ng  
RT: 7.669 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

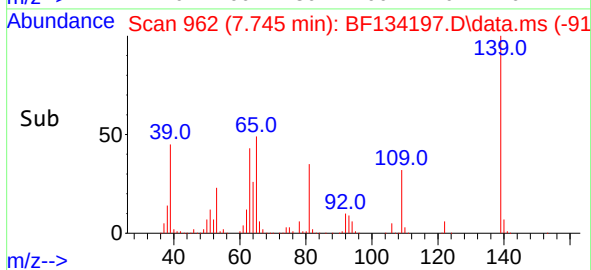
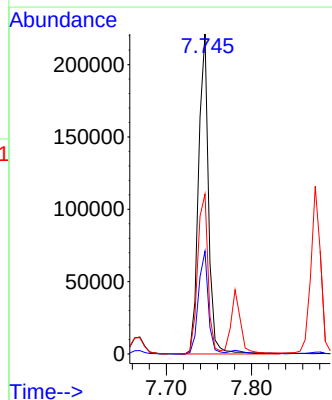
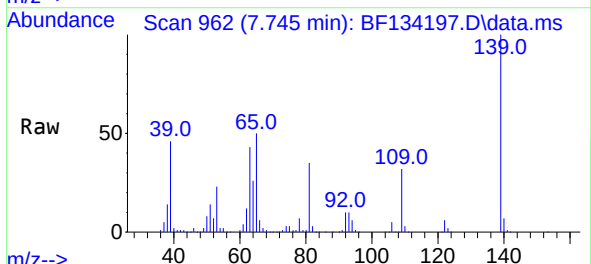
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

Tgt Ion: 82 Resp: 679546  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.1 9.1  
138 19.2 15.2 22.8

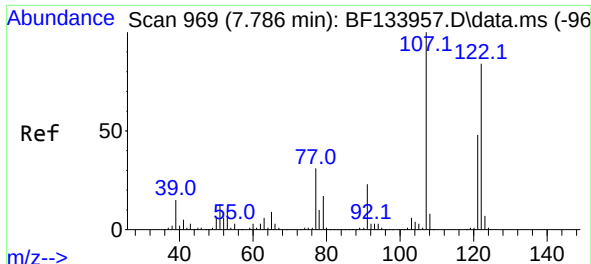


#26  
2-Nitrophenol  
Concen: 45.023 ng  
RT: 7.745 min Scan# 962  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion: 139 Resp: 180901  
Ion Ratio Lower Upper  
139 100  
109 32.1 25.8 38.8  
65 50.0 42.4 63.6



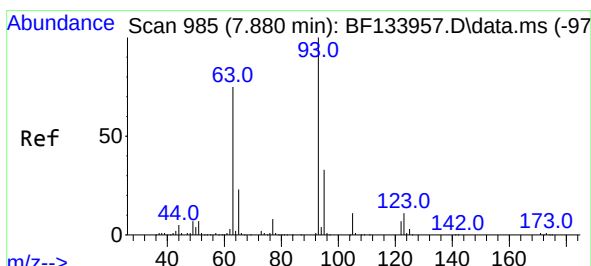
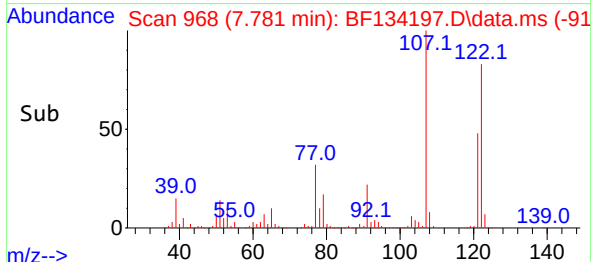
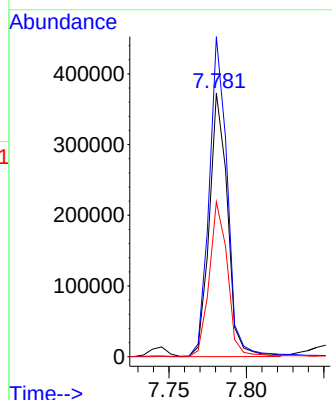
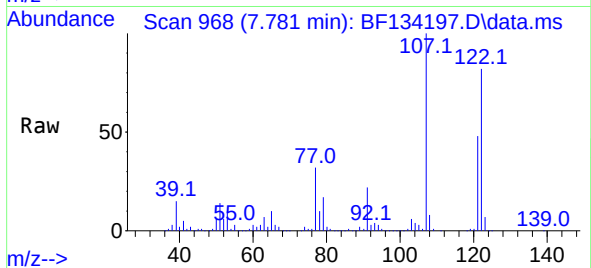




#27  
2,4-Dimethylphenol  
Concen: 47.841 ng  
RT: 7.781 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

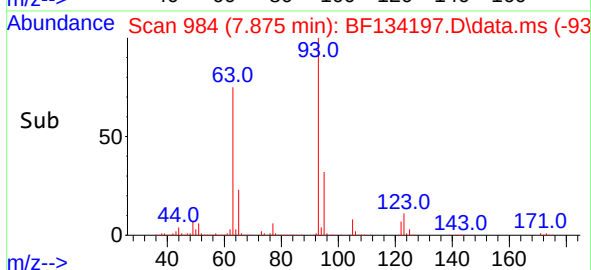
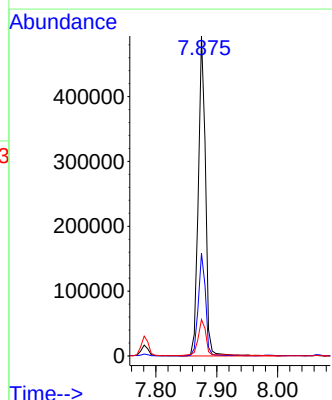
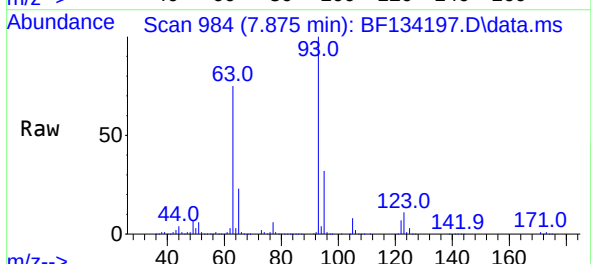
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

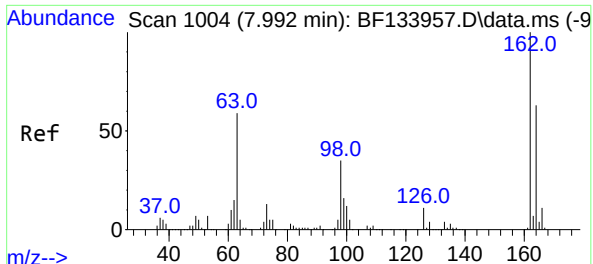
Tgt Ion:122 Resp: 304275  
Ion Ratio Lower Upper  
122 100  
107 121.3 95.5 143.3  
121 58.8 45.5 68.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.671 ng  
RT: 7.875 min Scan# 984  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

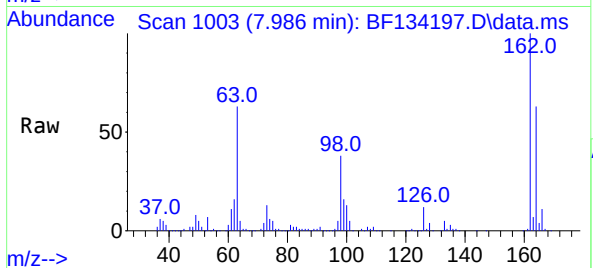
Tgt Ion: 93 Resp: 407085  
Ion Ratio Lower Upper  
93 100  
95 32.1 26.5 39.7  
123 11.4 9.1 13.7



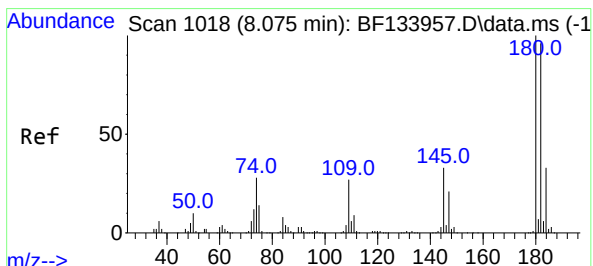
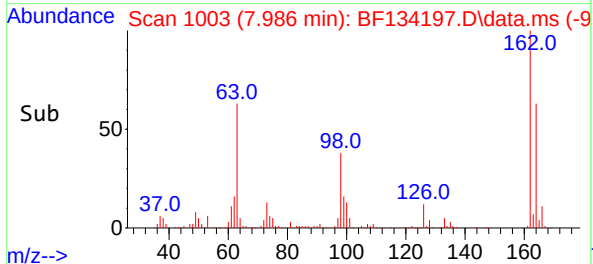
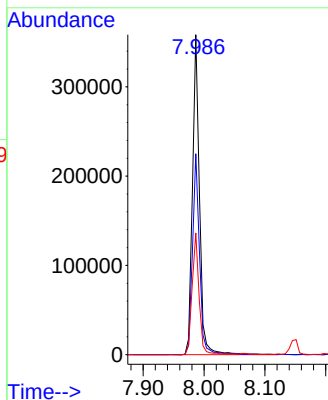


#29  
2,4-Dichlorophenol  
Concen: 45.286 ng  
RT: 7.986 min Scan# 1003  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

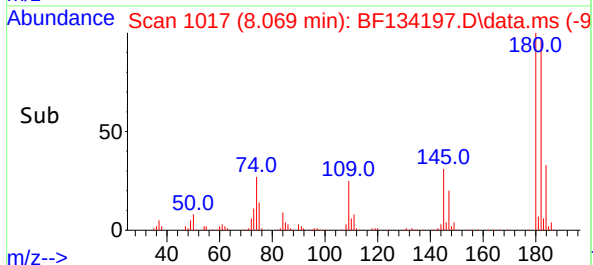
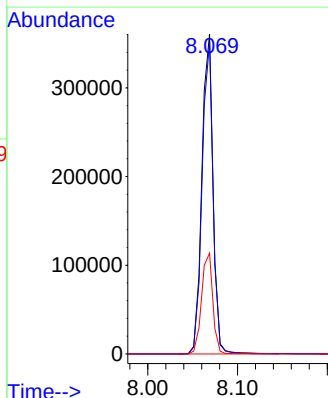
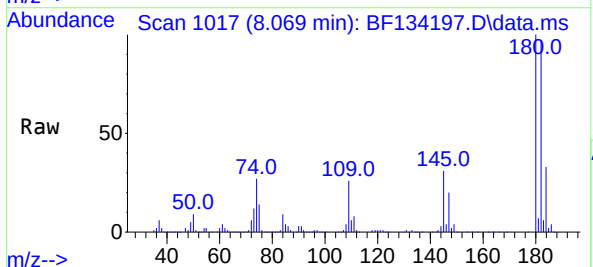


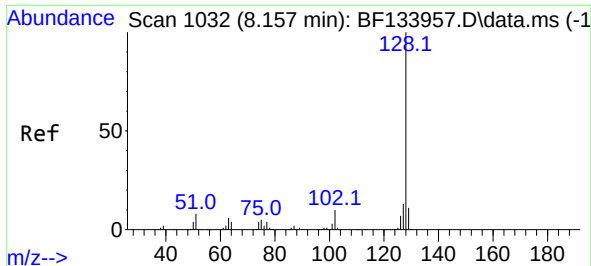
Tgt Ion:162 Resp: 285610  
Ion Ratio Lower Upper  
162 100  
164 62.8 43.2 83.2  
98 38.0 14.9 54.9



#30  
1,2,4-Trichlorobenzene  
Concen: 47.898 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:180 Resp: 311702  
Ion Ratio Lower Upper  
180 100  
182 97.3 77.1 115.7  
145 31.5 26.0 39.0

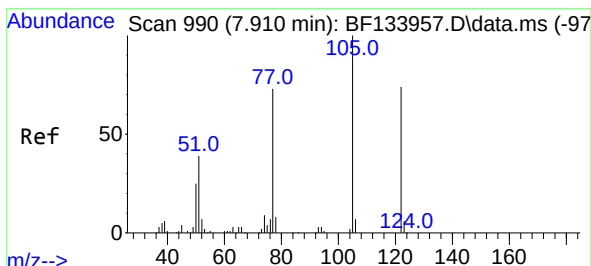
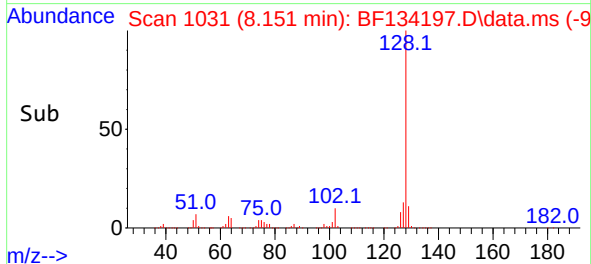
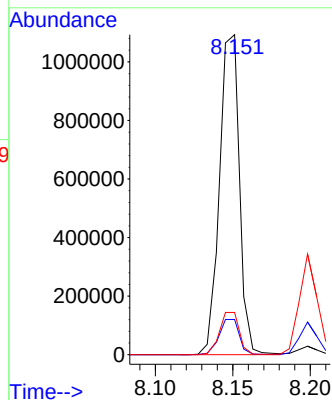
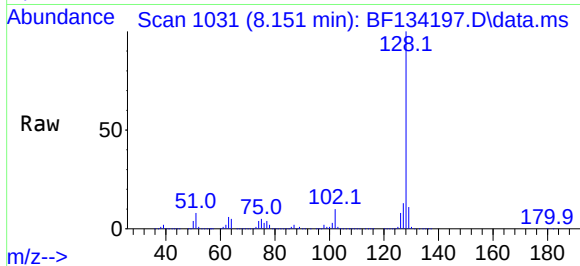




#31  
Naphthalene  
Concen: 45.444 ng  
RT: 8.151 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

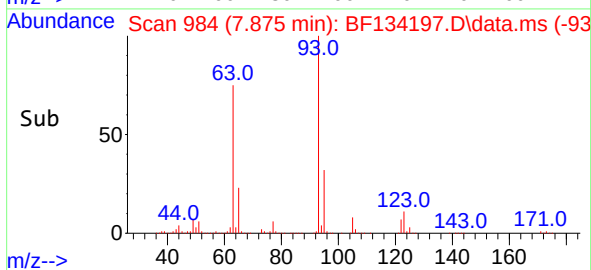
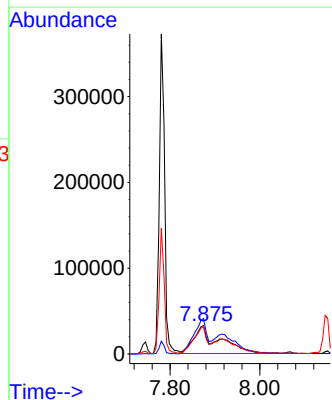
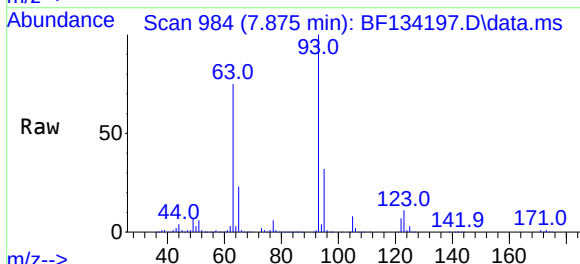
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

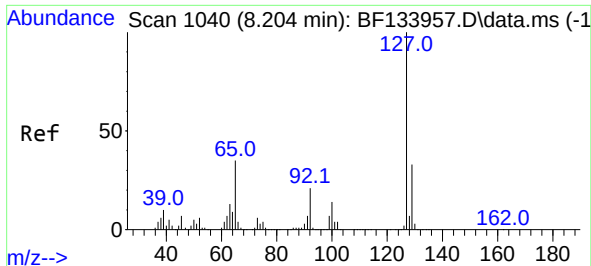
Tgt Ion:128 Resp: 980746  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.2 10.6 15.8



#32  
Benzoic acid  
Concen: 26.436 ng m  
RT: 7.875 min Scan# 984  
Delta R.T. -0.024 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:122 Resp: 125988  
Ion Ratio Lower Upper  
122 100  
105 124.4 109.7 149.7  
77 95.4 76.0 116.0



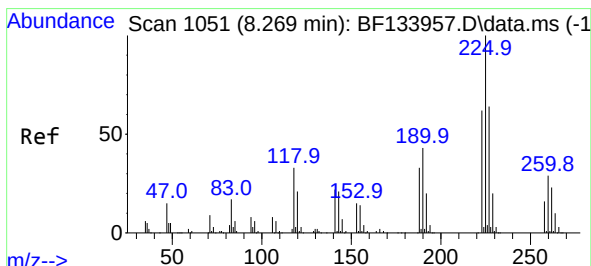
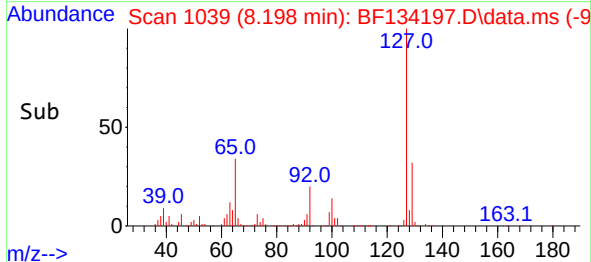
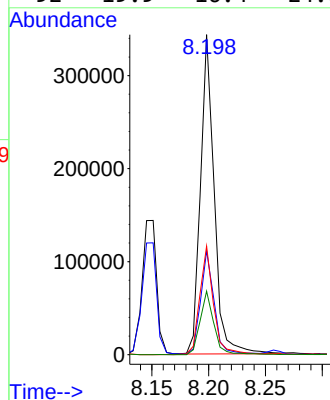
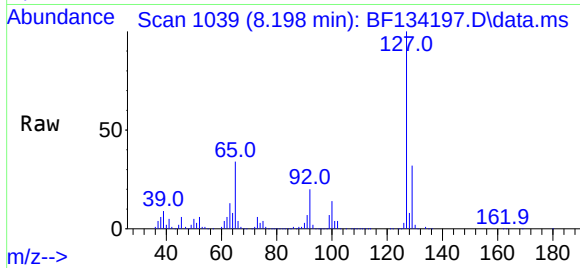


#33  
4-Chloroaniline  
Concen: 31.356 ng  
RT: 8.198 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

Tgt Ion:127 Resp: 289471

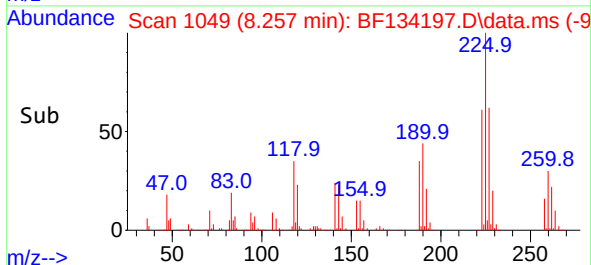
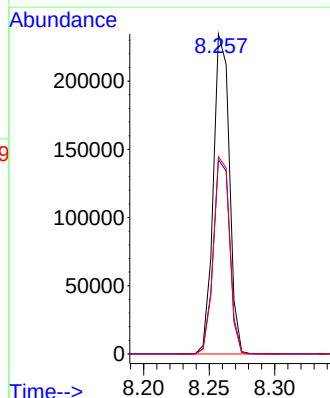
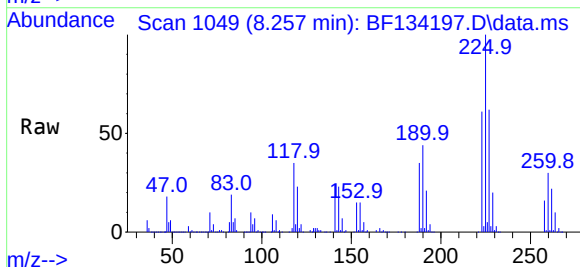
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.4  | 26.4  | 39.6  |
| 65  | 33.9  | 27.8  | 41.8  |
| 92  | 19.9  | 16.4  | 24.6  |

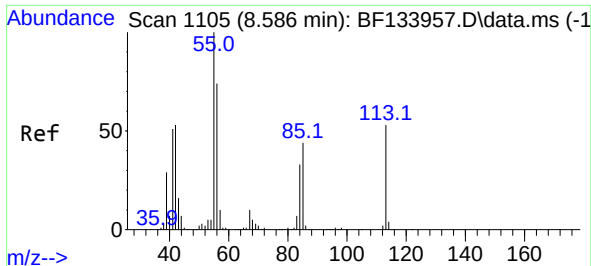


#34  
Hexachlorobutadiene  
Concen: 48.561 ng  
RT: 8.257 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:225 Resp: 199346

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 60.7  | 49.8  | 74.8  |
| 227 | 61.6  | 51.0  | 76.4  |

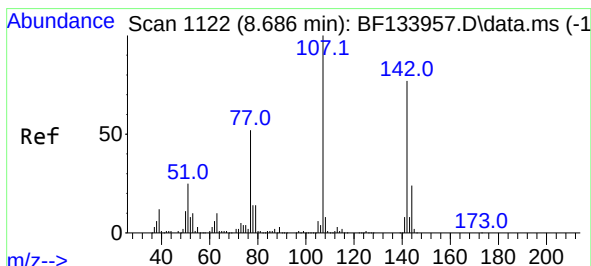
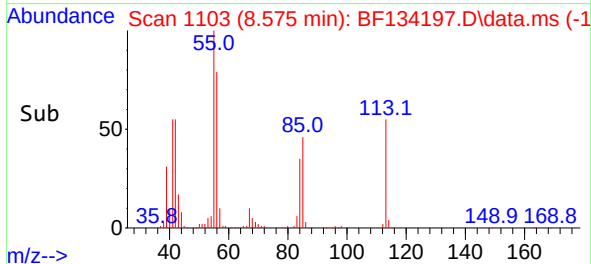
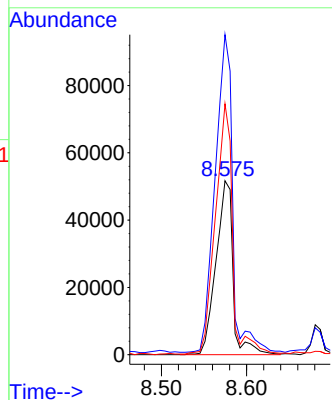
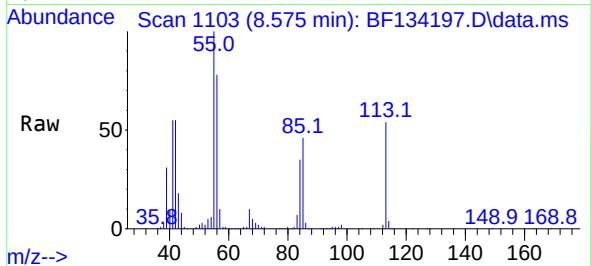




#35  
Caprolactam  
Concen: 34.406 ng  
RT: 8.575 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

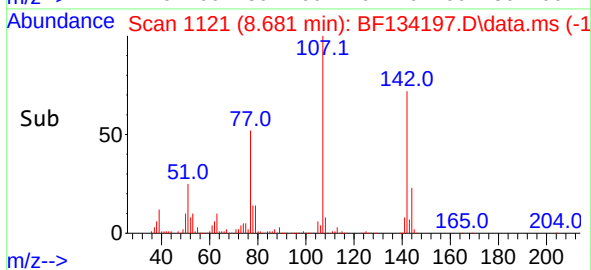
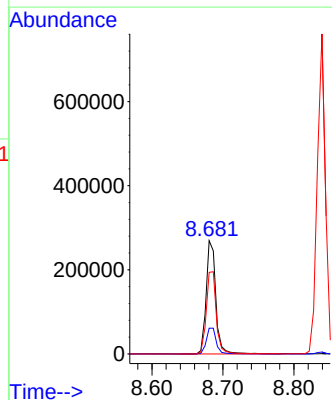
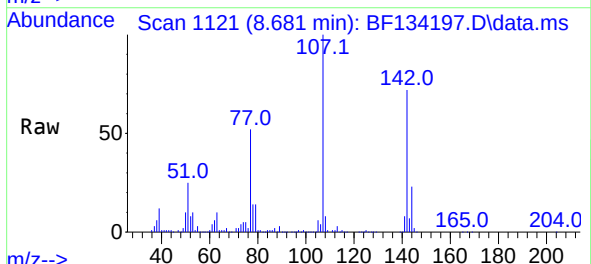
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

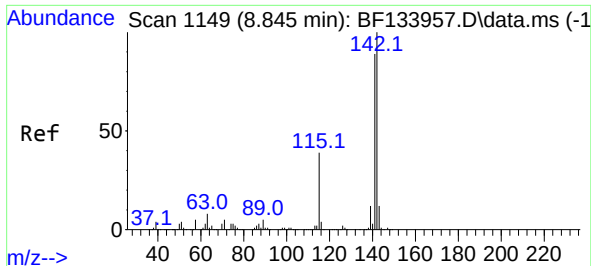
Tgt Ion:113 Resp: 71447  
Ion Ratio Lower Upper  
113 100  
55 184.0 170.2 210.2  
56 144.2 121.4 161.4



#36  
4-Chloro-3-methylphenol  
Concen: 36.184 ng  
RT: 8.681 min Scan# 1121  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:107 Resp: 256363  
Ion Ratio Lower Upper  
107 100  
144 22.8 19.6 29.4  
142 72.0 61.4 92.2





#37

2-Methylnaphthalene

Concen: 40.041 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF134197.D

Acq: 10 Jul 2023 21:09

Instrument :

BNA\_F

ClientSampleId :

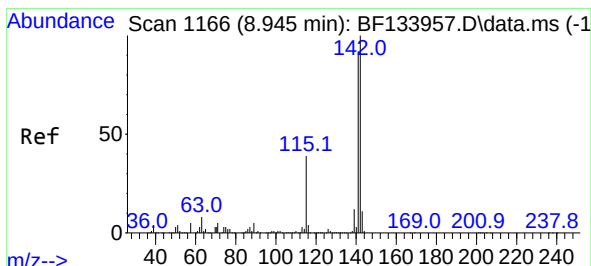
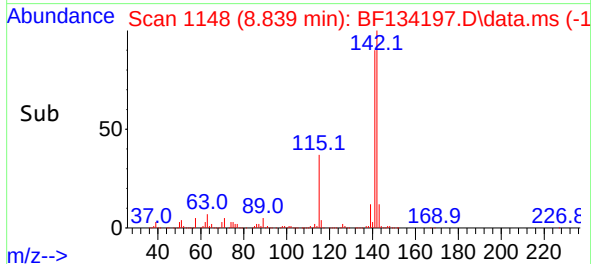
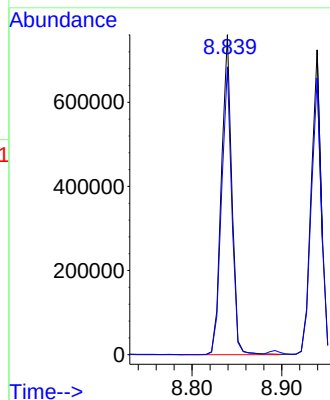
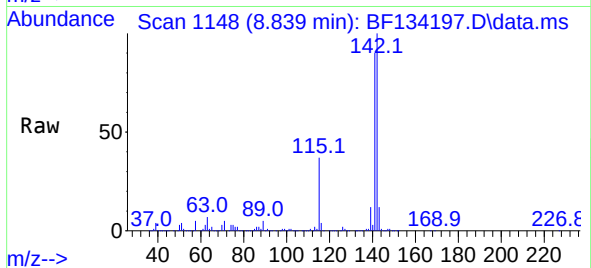
CP-3MS

Tgt Ion:142 Resp: 611081

Ion Ratio Lower Upper

142 100

141 90.0 71.0 106.4



#38

1-Methylnaphthalene

Concen: 39.416 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF134197.D

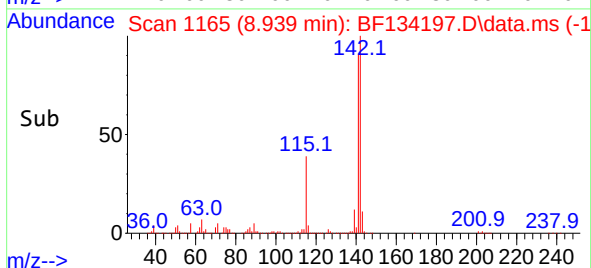
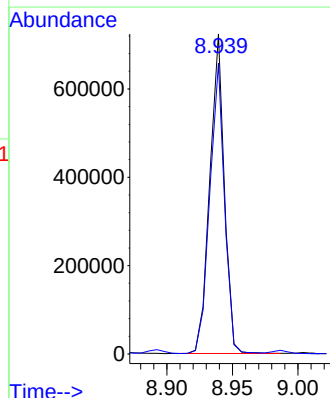
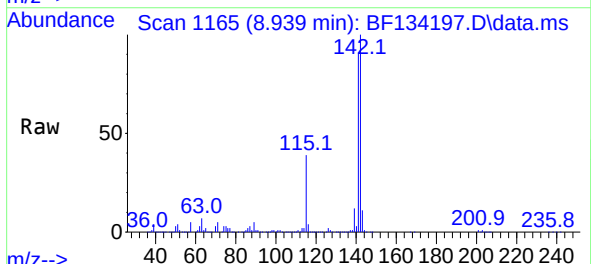
Acq: 10 Jul 2023 21:09

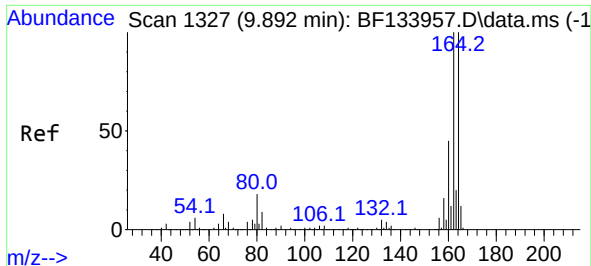
Tgt Ion:142 Resp: 559233

Ion Ratio Lower Upper

142 100

141 90.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF134197.D

Acq: 10 Jul 2023 21:09

Instrument :

BNA\_F

ClientSampleId :

CP-3MS

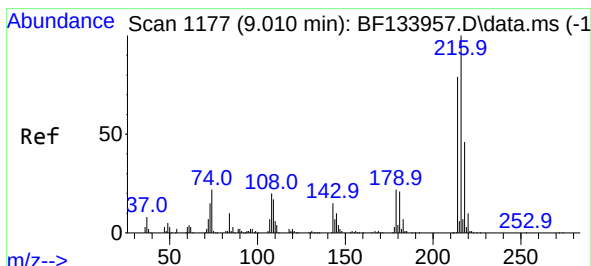
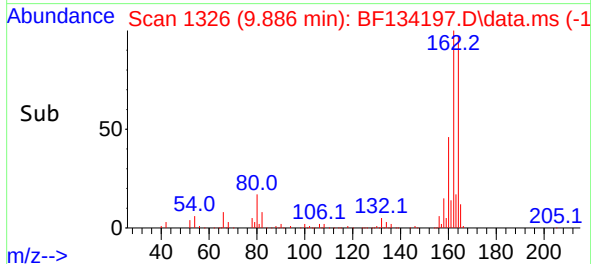
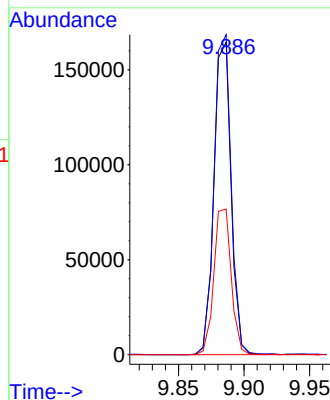
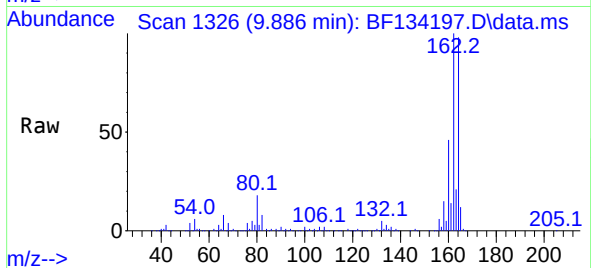
Tgt Ion:164 Resp: 149278

Ion Ratio Lower Upper

164 100

162 102.4 80.0 120.0

160 46.6 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 64.063 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF134197.D

Acq: 10 Jul 2023 21:09

Tgt Ion:216 Resp: 283325

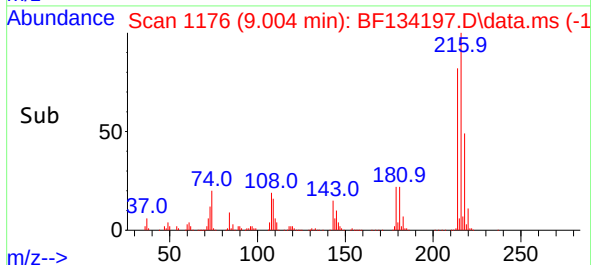
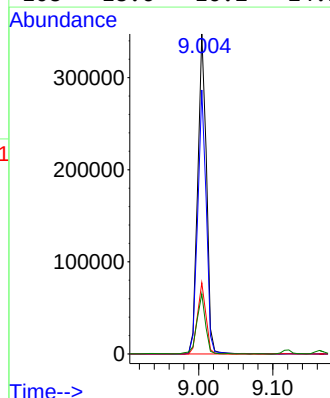
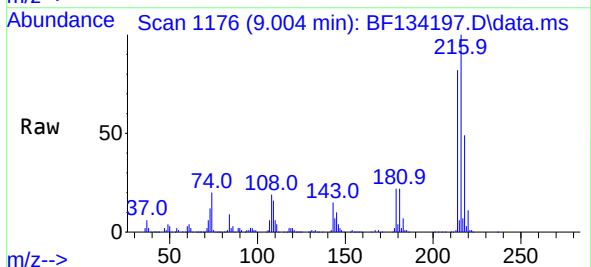
Ion Ratio Lower Upper

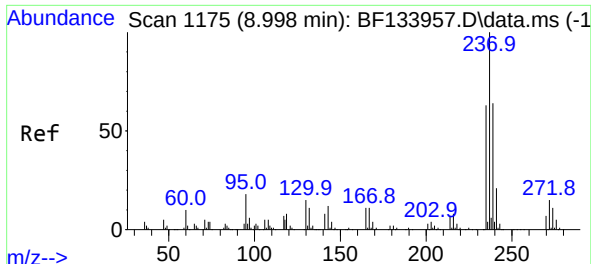
216 100

214 80.3 64.1 96.1

179 21.5 17.3 25.9

108 18.6 16.2 24.2

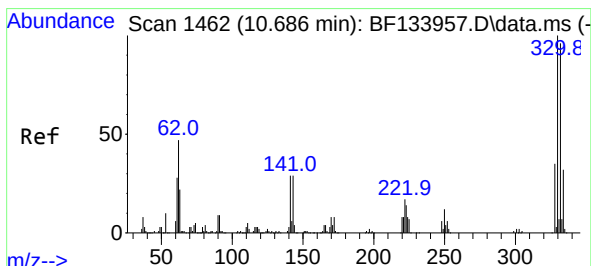
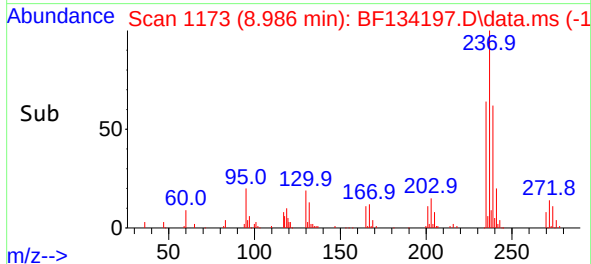
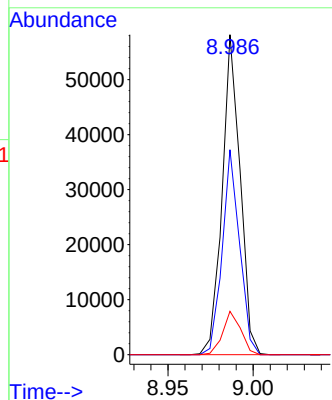
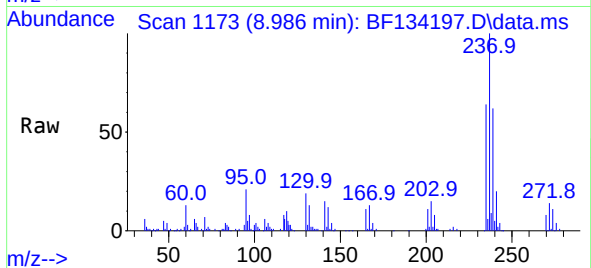




#41  
Hexachlorocyclopentadiene  
Concen: 20.297 ng  
RT: 8.986 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

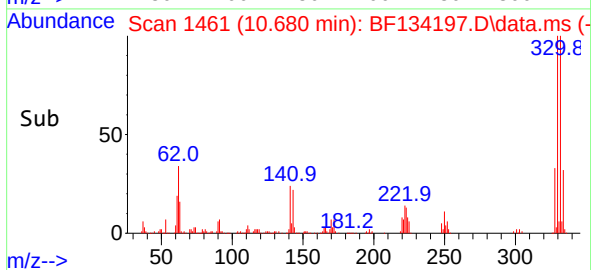
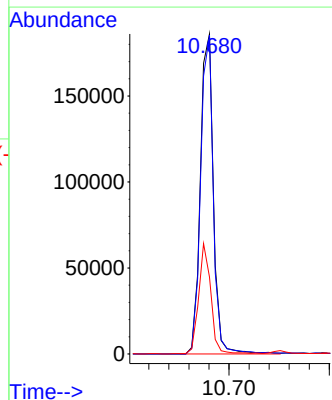
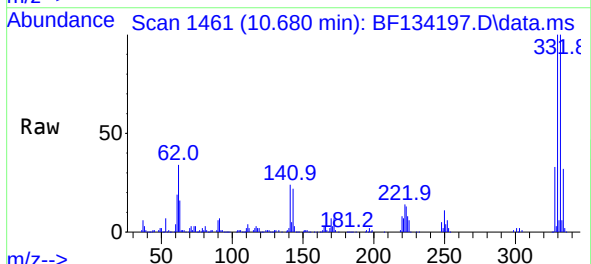
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

Tgt Ion:237 Resp: 42586  
Ion Ratio Lower Upper  
237 100  
235 64.0 42.8 82.8  
272 13.5 0.0 34.6

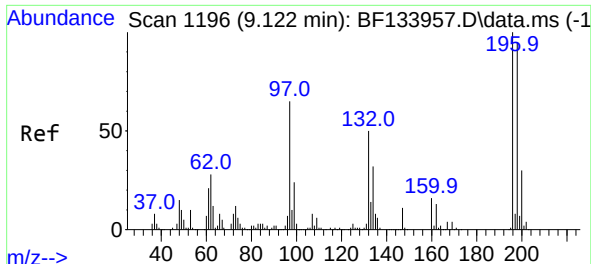


#42  
2,4,6-Tribromophenol  
Concen: 89.947 ng  
RT: 10.680 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:330 Resp: 168350  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.0 115.6  
141 32.3 26.3 39.5



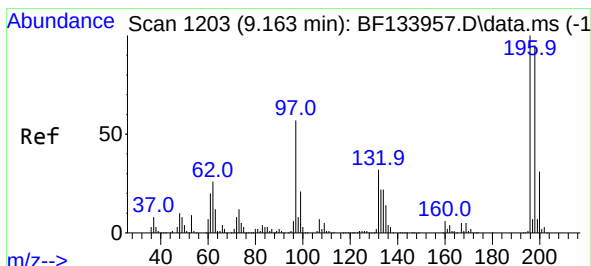
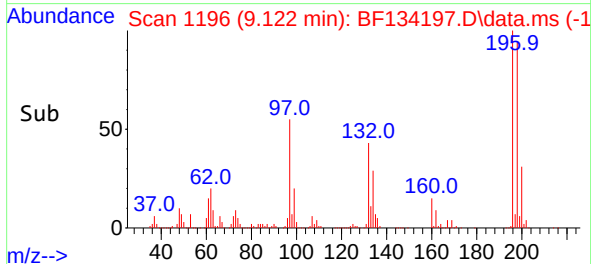
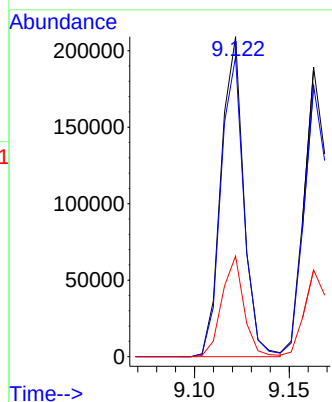
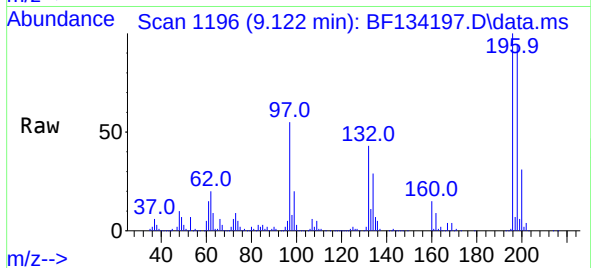




#43  
2,4,6-Trichlorophenol  
Concen: 57.747 ng  
RT: 9.122 min Scan# 1196  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

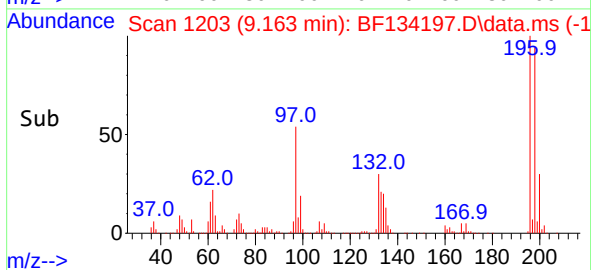
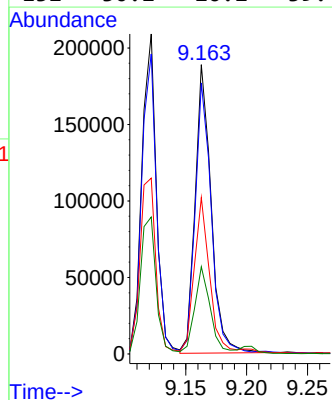
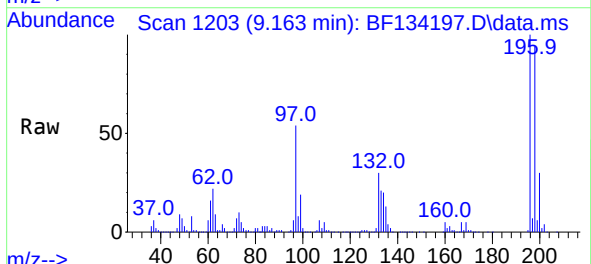
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

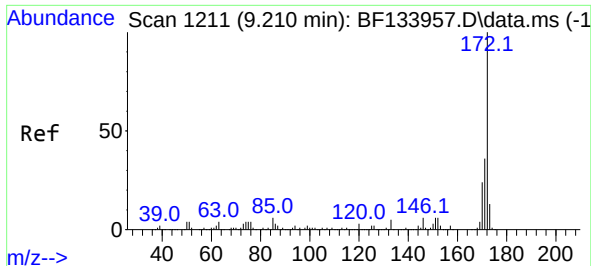
Tgt Ion:196 Resp: 173855  
Ion Ratio Lower Upper  
196 100  
198 93.8 75.6 113.4  
200 31.4 24.4 36.6



#44  
2,4,5-Trichlorophenol  
Concen: 48.774 ng  
RT: 9.163 min Scan# 1203  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:196 Resp: 172727  
Ion Ratio Lower Upper  
196 100  
198 93.7 75.7 113.5  
97 54.0 45.8 68.6  
132 30.2 26.2 39.4

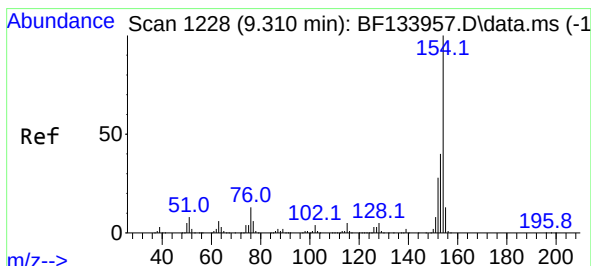
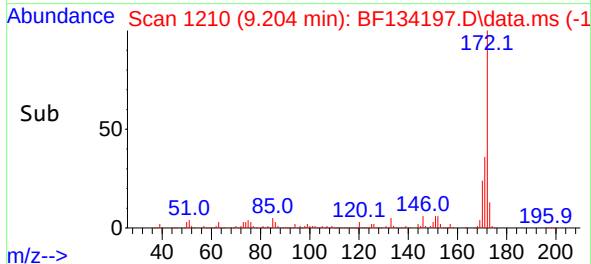
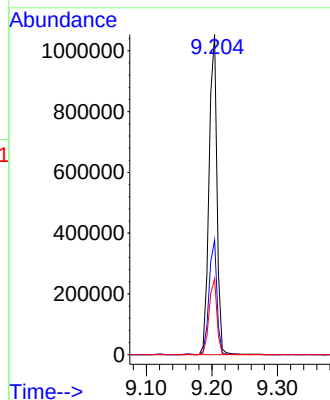
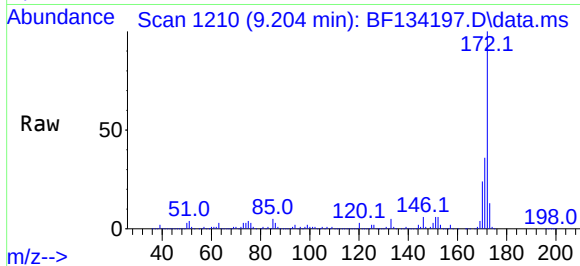




#45  
2-Fluorobiphenyl  
Concen: 86.597 ng  
RT: 9.204 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

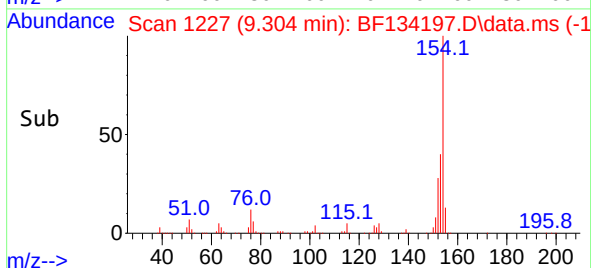
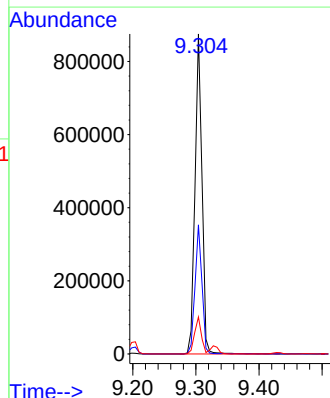
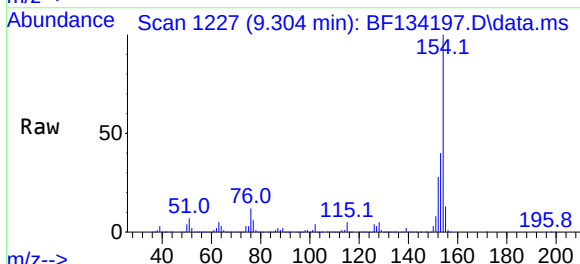
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

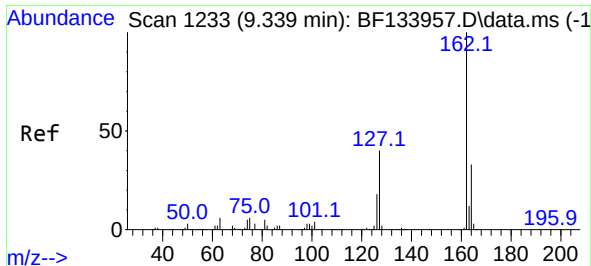
Tgt Ion:172 Resp: 889127  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.6 43.0  
170 23.8 19.4 29.0



#46  
1,1'-Biphenyl  
Concen: 55.786 ng  
RT: 9.304 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:154 Resp: 668016  
Ion Ratio Lower Upper  
154 100  
153 40.4 19.8 59.8  
76 11.5 0.0 32.9

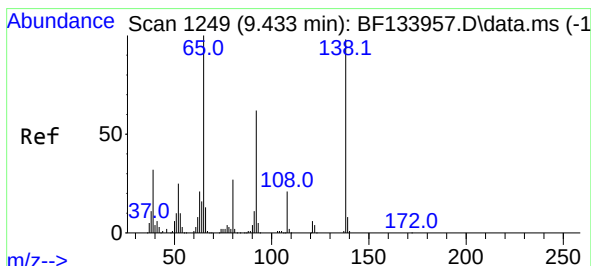
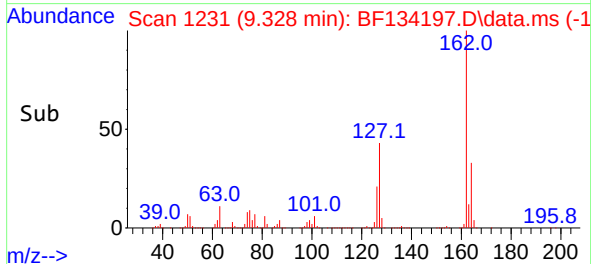
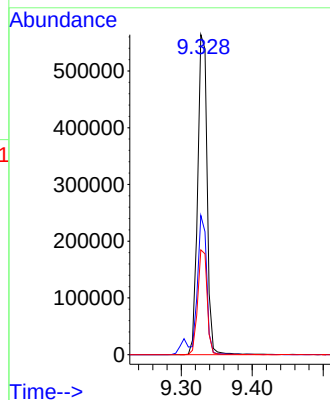
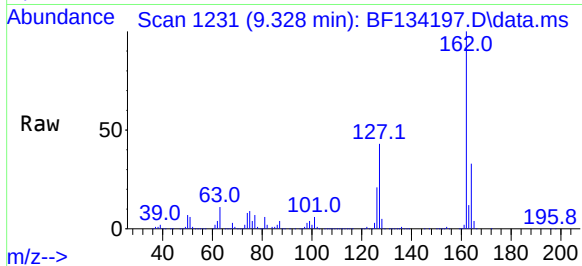




#47  
2-Chloronaphthalene  
Concen: 59.766 ng  
RT: 9.328 min Scan# 1231  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

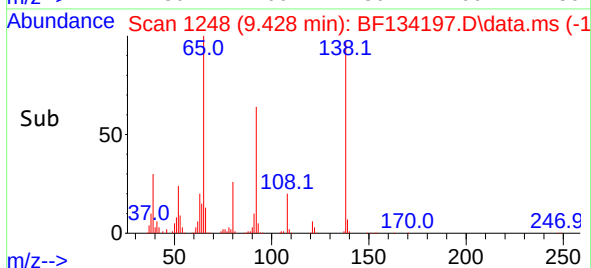
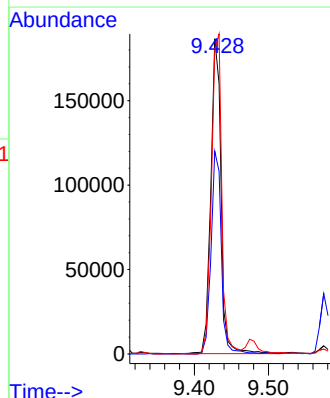
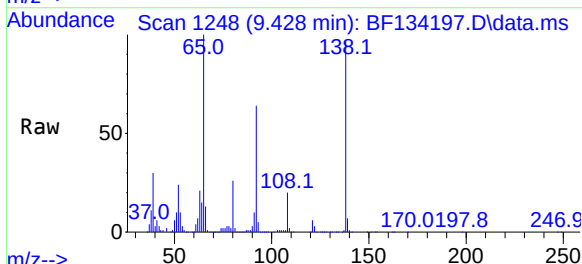
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

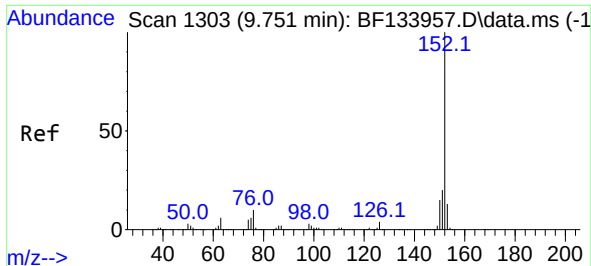
Tgt Ion:162 Resp: 523633  
Ion Ratio Lower Upper  
162 100  
127 43.5 32.9 49.3  
164 32.8 26.1 39.1



#48  
2-Nitroaniline  
Concen: 55.803 ng  
RT: 9.428 min Scan# 1248  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion: 65 Resp: 178182  
Ion Ratio Lower Upper  
65 100  
92 64.3 49.5 74.3  
138 96.5 78.0 117.0

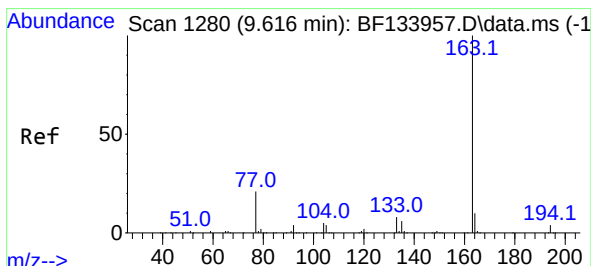
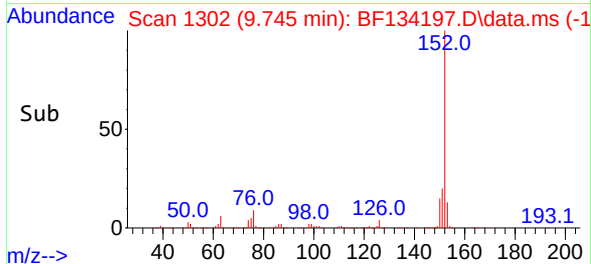
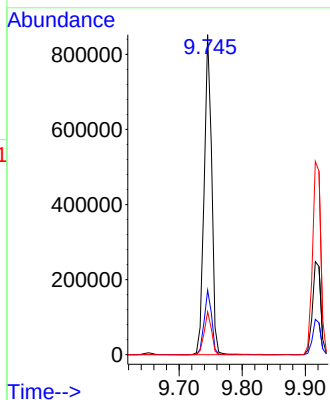
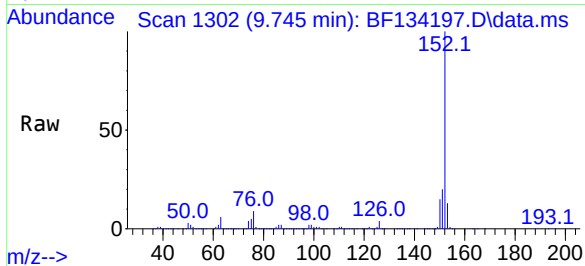




#49  
Acenaphthylene  
Concen: 47.323 ng  
RT: 9.745 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

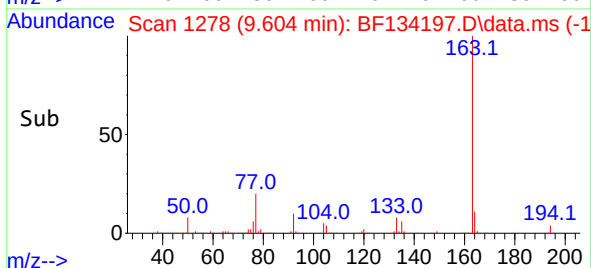
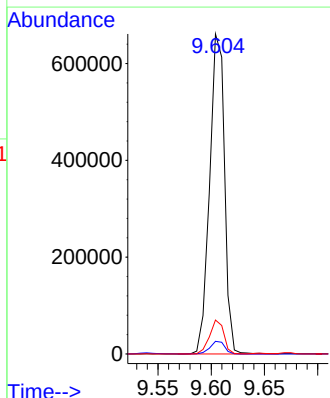
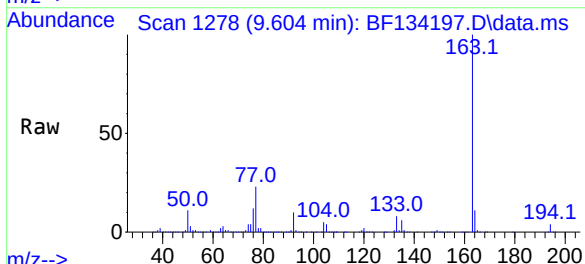
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

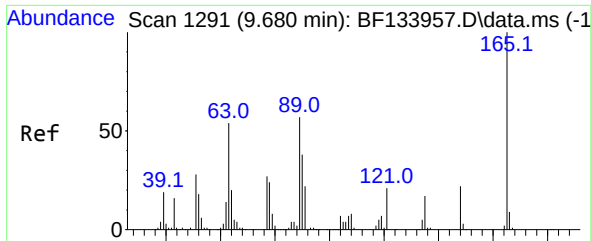
Tgt Ion:152 Resp: 708259  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.2  
153 13.4 10.8 16.2



#50  
Dimethylphthalate  
Concen: 59.566 ng  
RT: 9.604 min Scan# 1278  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

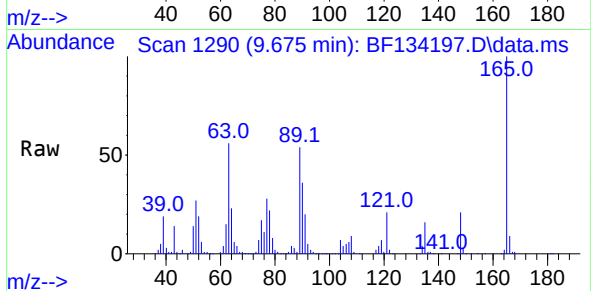
Tgt Ion:163 Resp: 645469  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.6  
164 10.6 8.2 12.2



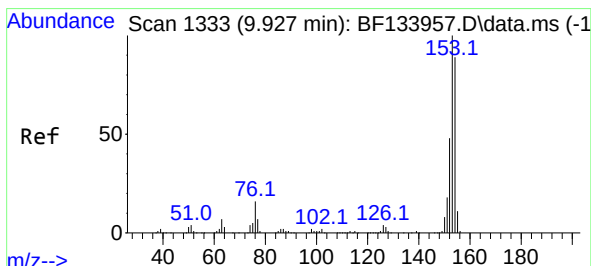
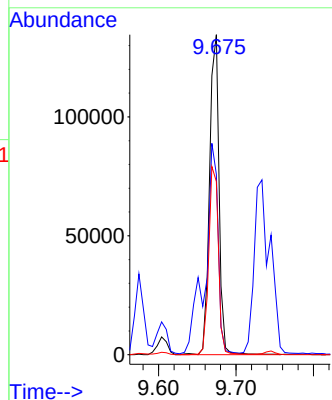
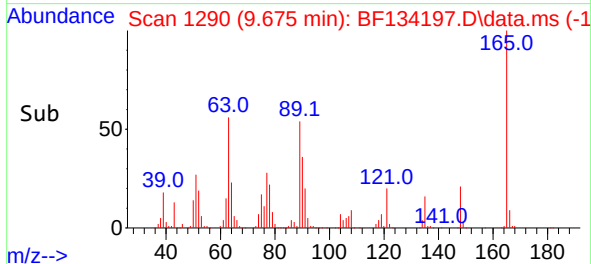


#51  
2,6-Dinitrotoluene  
Concen: 49.064 ng  
RT: 9.675 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

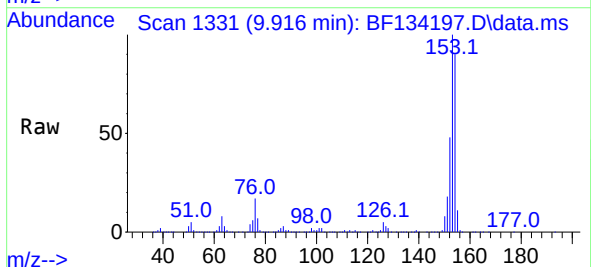
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS



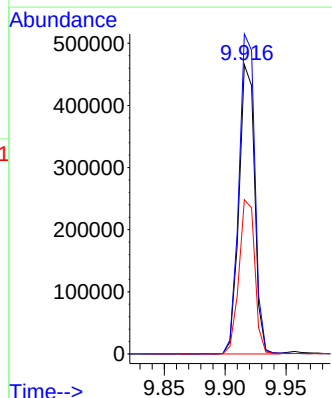
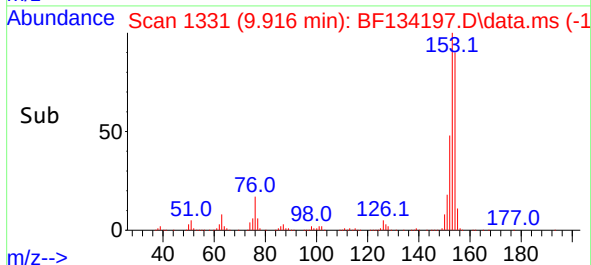
Tgt Ion:165 Resp: 114512  
Ion Ratio Lower Upper  
165 100  
63 56.3 48.5 72.7  
89 54.1 45.5 68.3

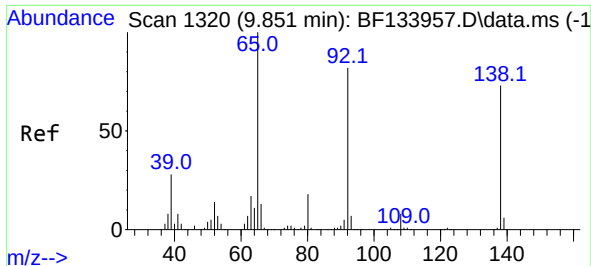


#52  
Acenaphthene  
Concen: 47.977 ng  
RT: 9.916 min Scan# 1331  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09



Tgt Ion:154 Resp: 416654  
Ion Ratio Lower Upper  
154 100  
153 110.6 89.4 134.2  
152 53.3 42.8 64.2

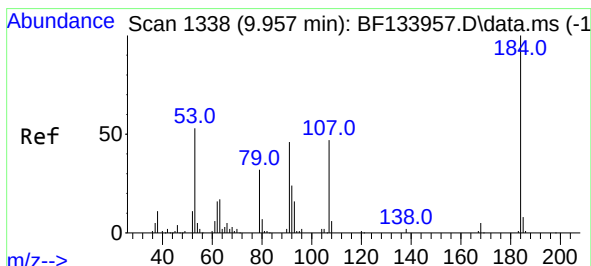
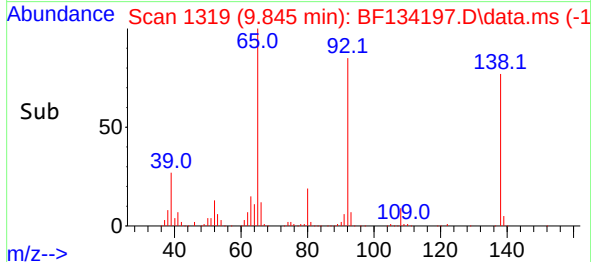
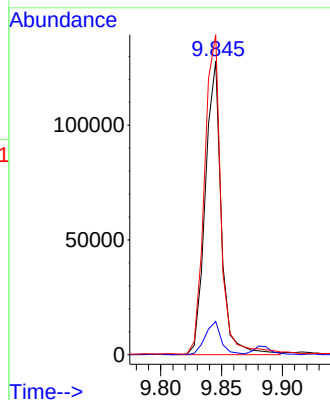
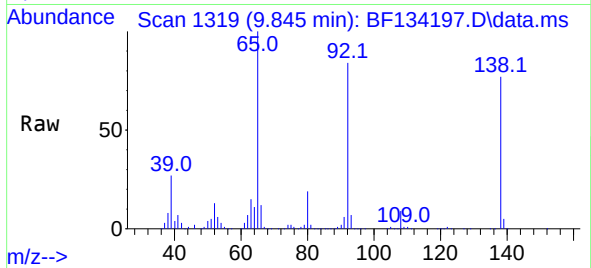




#53  
3-Nitroaniline  
Concen: 41.684 ng  
RT: 9.845 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

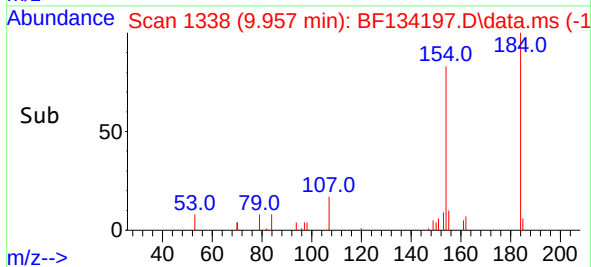
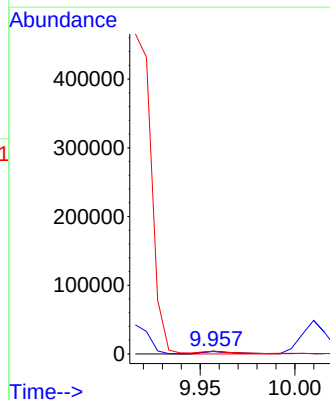
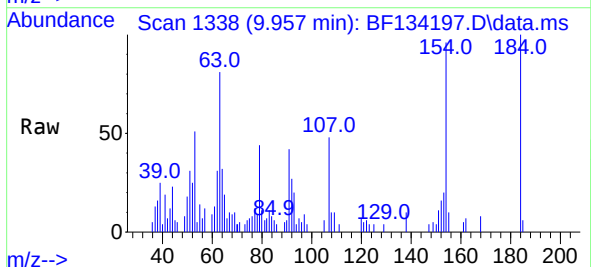
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

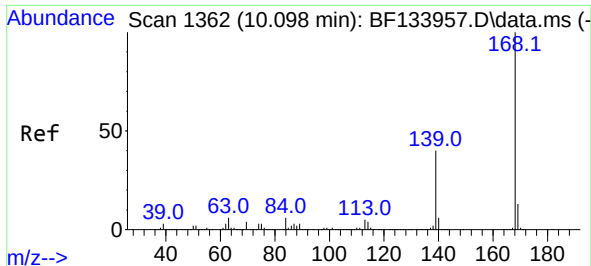
Tgt Ion:138 Resp: 116713  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.4 12.6  
92 109.0 90.1 135.1



#54  
2,4-Dinitrophenol  
Concen: 7.296 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:184 Resp: 4861  
Ion Ratio Lower Upper  
184 100  
63 80.7 56.9 85.3  
154 95.5 55.4 83.0#

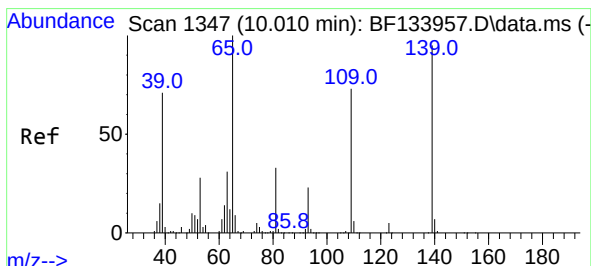
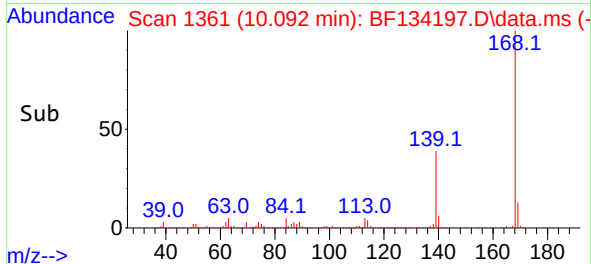
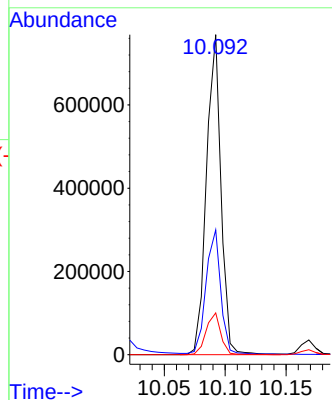
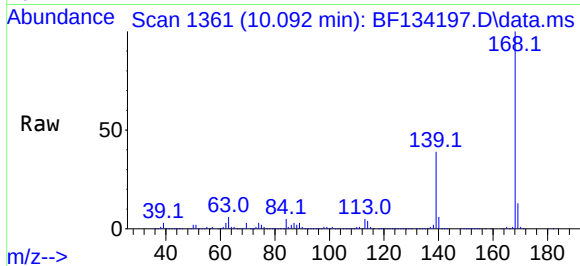




#55  
Dibenzofuran  
Concen: 46.831 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

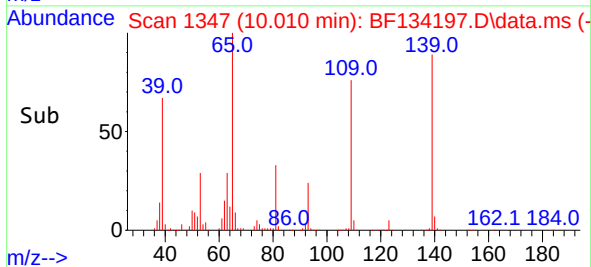
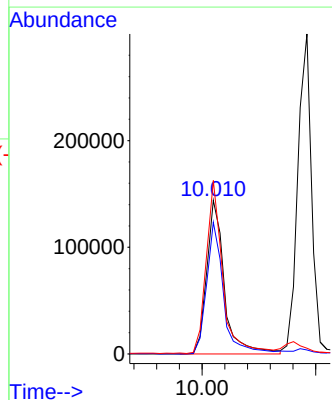
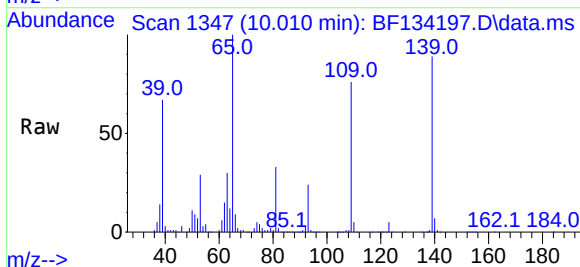
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

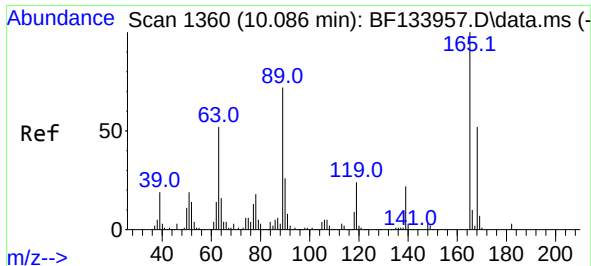
Tgt Ion:168 Resp: 635606  
Ion Ratio Lower Upper  
168 100  
139 39.0 32.0 48.0  
169 13.0 10.6 16.0



#56  
4-Nitrophenol  
Concen: 79.403 ng  
RT: 10.010 min Scan# 1347  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:139 Resp: 155512  
Ion Ratio Lower Upper  
139 100  
109 85.8 56.8 96.8  
65 112.9 86.1 126.1

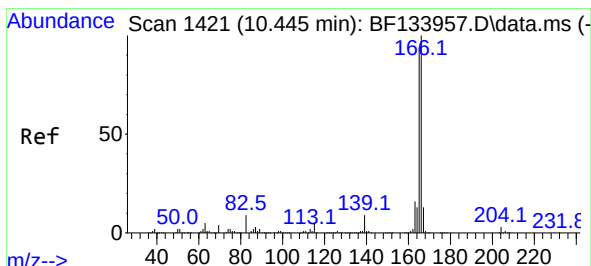
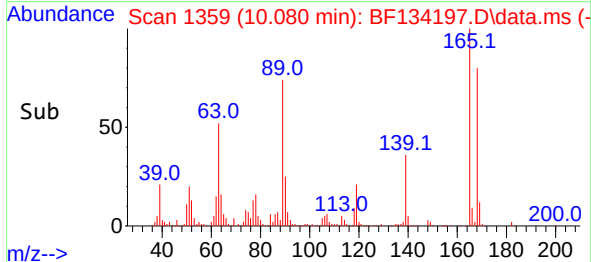
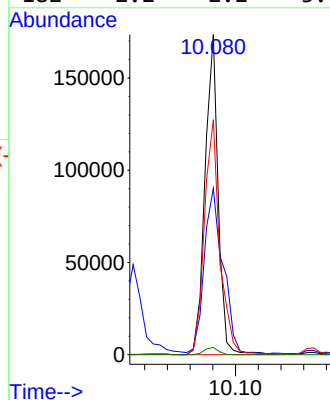
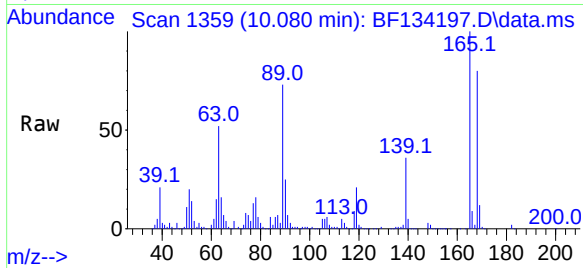




#57  
2,4-Dinitrotoluene  
Concen: 45.416 ng  
RT: 10.080 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

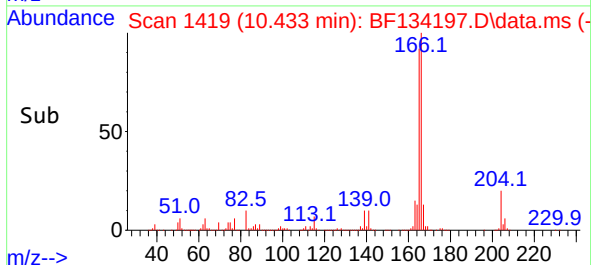
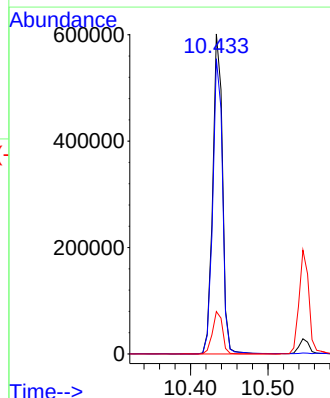
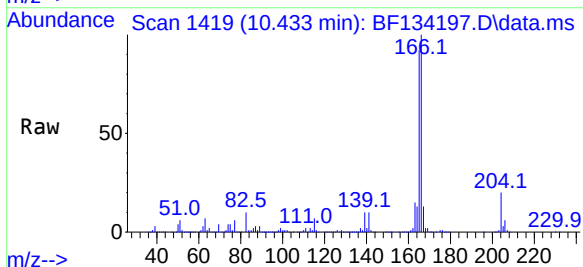
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

Tgt Ion:165 Resp: 139982  
Ion Ratio Lower Upper  
165 100  
63 52.0 42.2 63.2  
89 73.5 57.4 86.2  
182 2.2 2.2 3.4

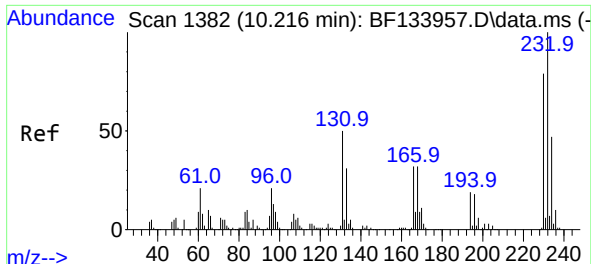


#58  
Fluorene  
Concen: 49.882 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:166 Resp: 526715  
Ion Ratio Lower Upper  
166 100  
165 92.3 75.0 112.4  
167 13.3 10.6 15.8



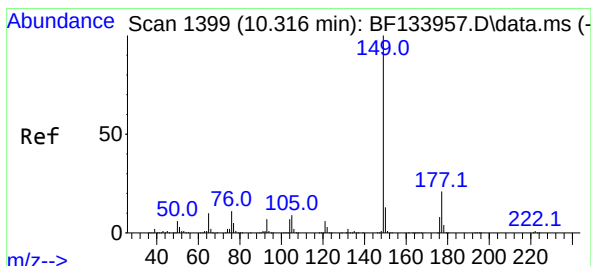
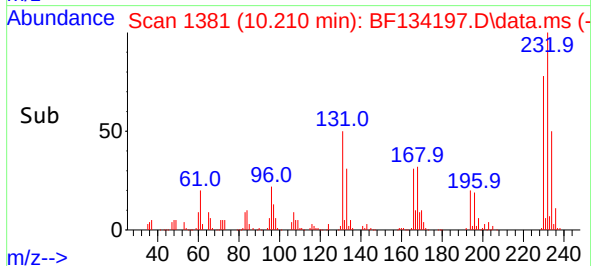
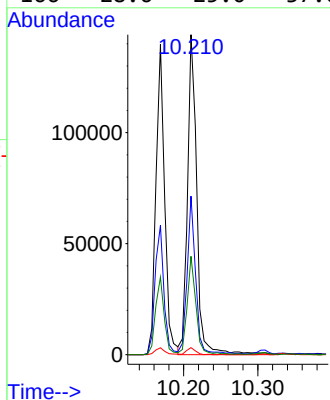
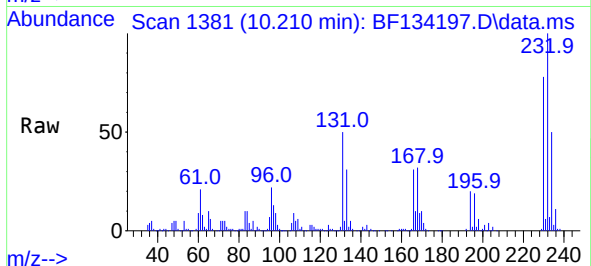




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.276 ng  
RT: 10.210 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

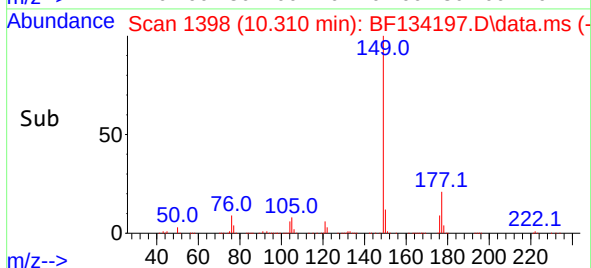
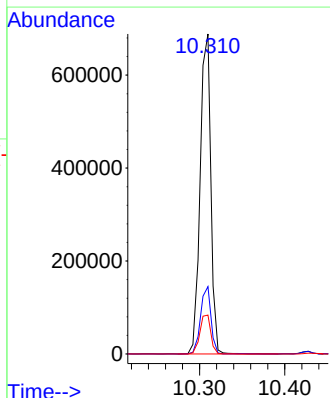
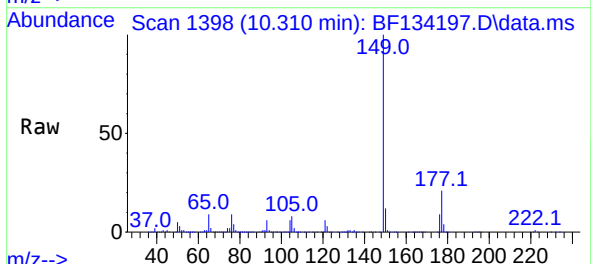
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

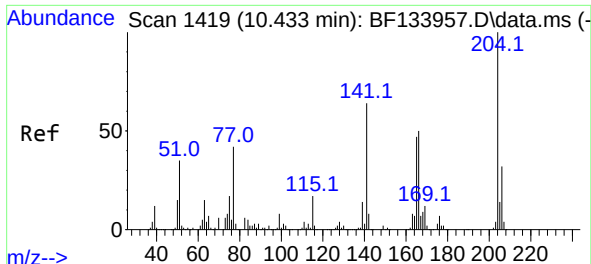
Tgt Ion:232 Resp: 126476  
Ion Ratio Lower Upper  
232 100  
131 45.0 39.3 58.9  
130 2.1 1.8 2.6  
166 28.6 25.0 37.6



#60  
Diethylphthalate  
Concen: 53.084 ng  
RT: 10.310 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:149 Resp: 599299  
Ion Ratio Lower Upper  
149 100  
177 21.0 17.0 25.6  
150 12.1 10.2 15.2

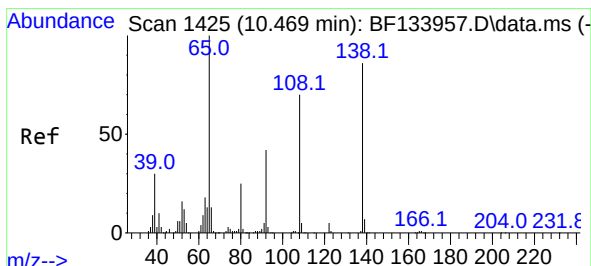
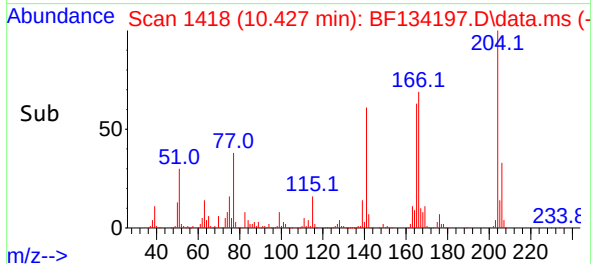
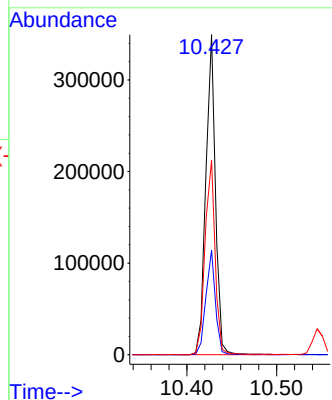
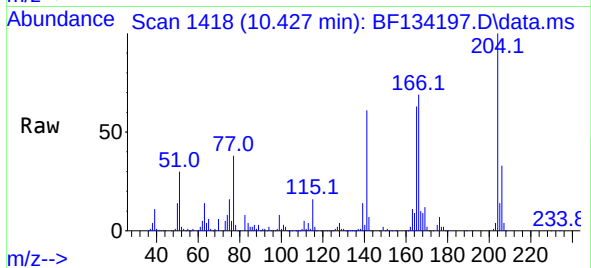




#61  
4-Chlorophenyl-phenylether  
Concen: 51.252 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

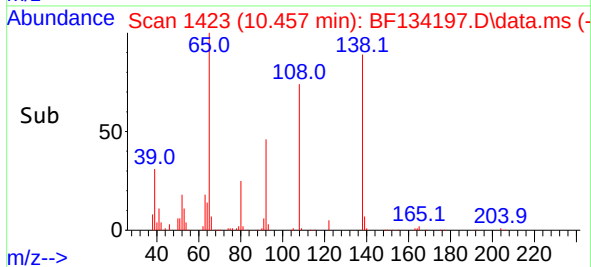
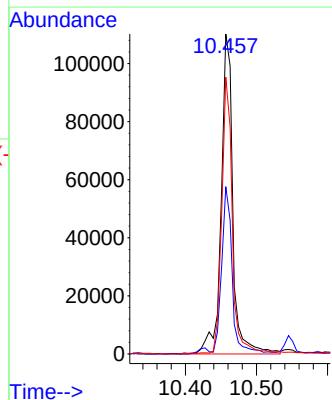
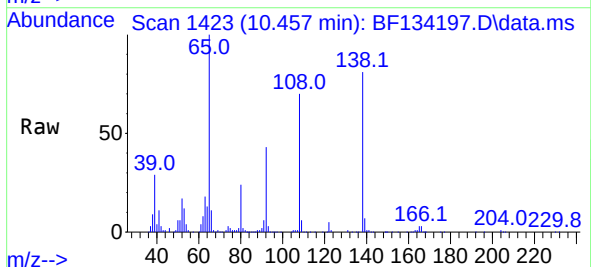
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

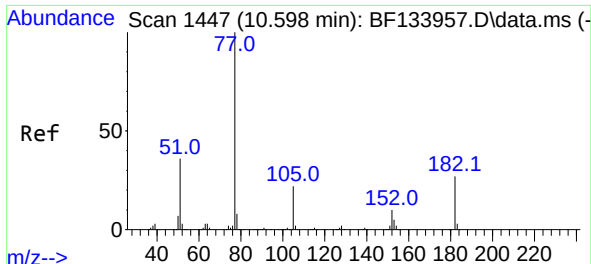
Tgt Ion:204 Resp: 260805  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.8 38.6  
141 60.7 51.5 77.3



#62  
4-Nitroaniline  
Concen: 44.408 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:138 Resp: 125307  
Ion Ratio Lower Upper  
138 100  
92 52.3 29.7 69.7  
108 86.5 62.1 102.1



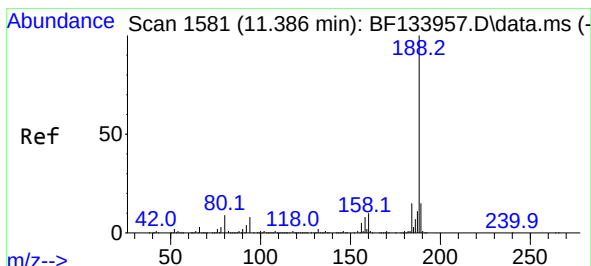
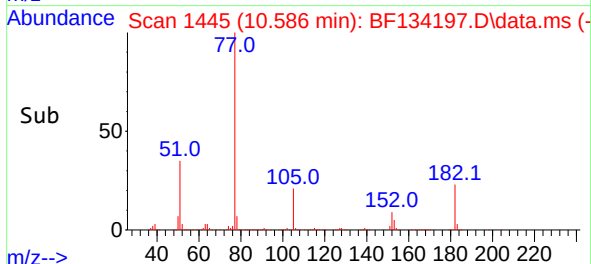
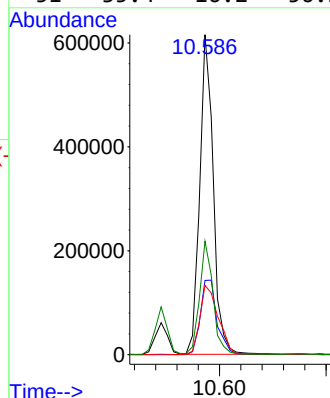
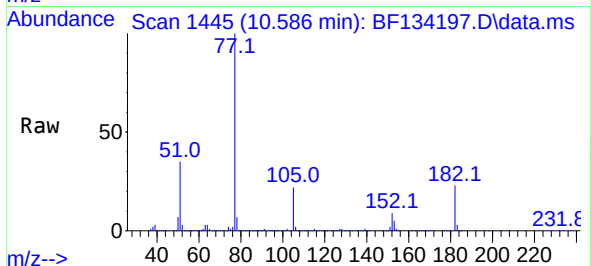


#63  
Azobenzene  
Concen: 50.939 ng  
RT: 10.586 min Scan# 1445  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

Tgt Ion: 77 Resp: 543979

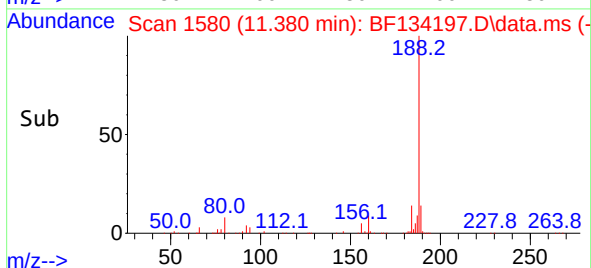
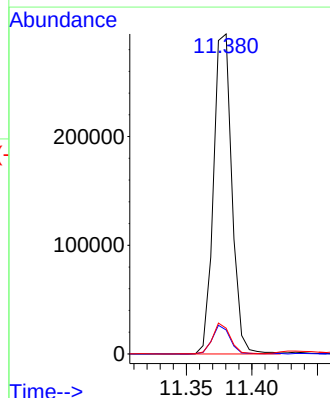
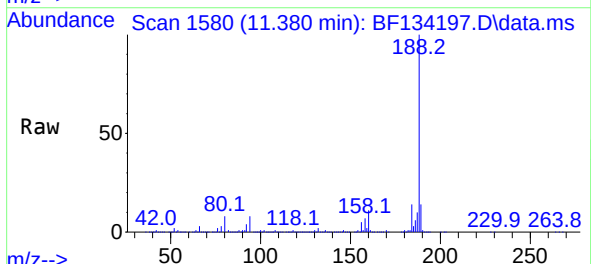
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 23.2  | 6.8   | 46.8  |
| 105 | 21.7  | 2.3   | 42.3  |
| 51  | 35.4  | 16.2  | 56.2  |

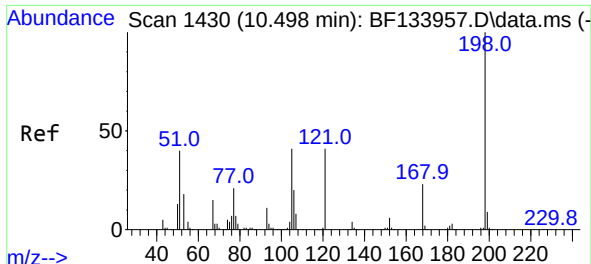


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.380 min Scan# 1580  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion: 188 Resp: 286741

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 7.5   | 6.4   | 9.6   |
| 80  | 8.0   | 7.3   | 10.9  |

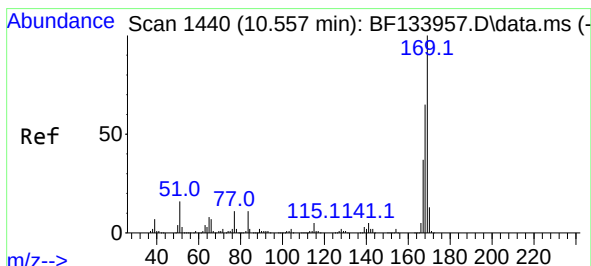
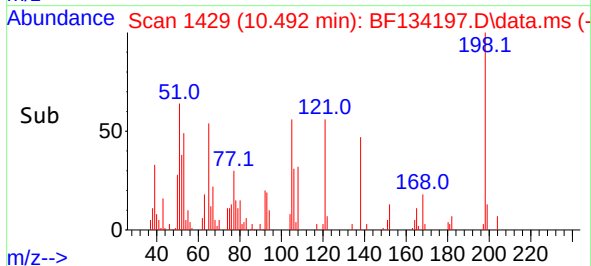
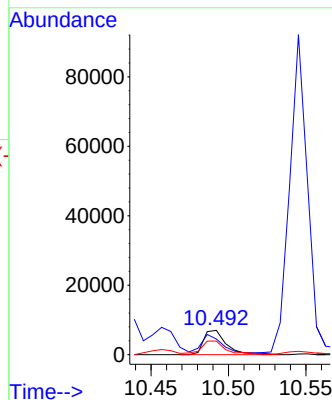
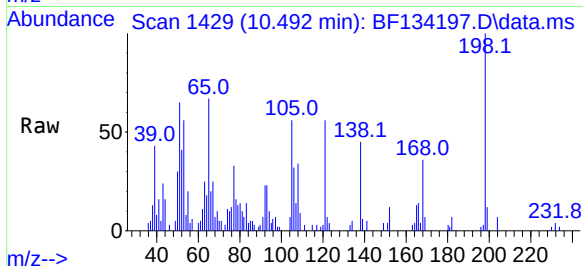




#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.599 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

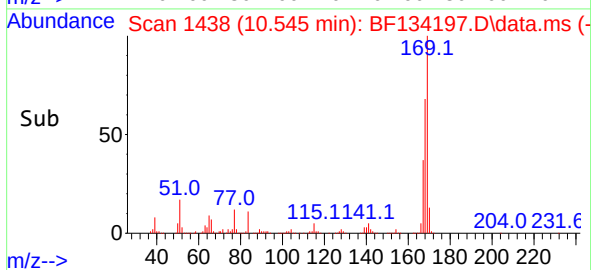
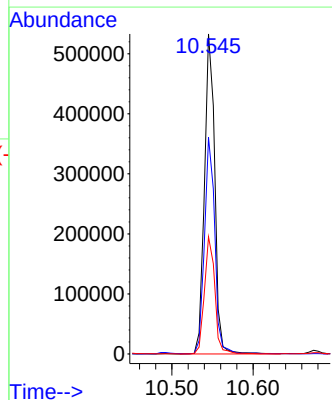
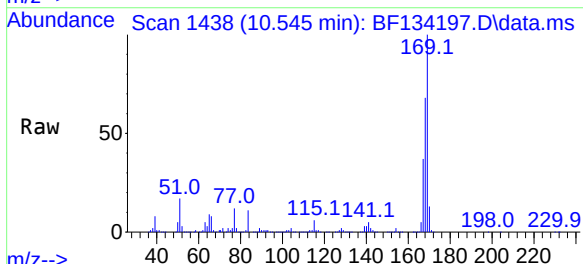
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

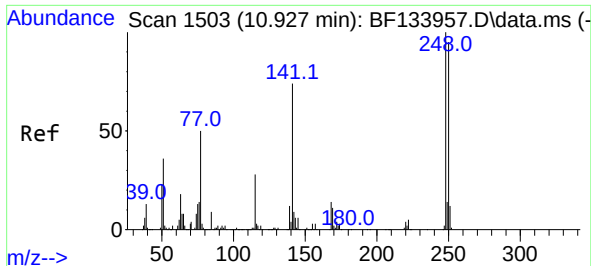
Tgt Ion:198 Resp: 7190  
Ion Ratio Lower Upper  
198 100  
51 64.7 29.3 69.3  
105 55.9 22.4 62.4



#66  
n-Nitrosodiphenylamine  
Concen: 51.249 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:169 Resp: 469514  
Ion Ratio Lower Upper  
169 100  
168 67.7 52.3 78.5  
167 36.6 29.4 44.0

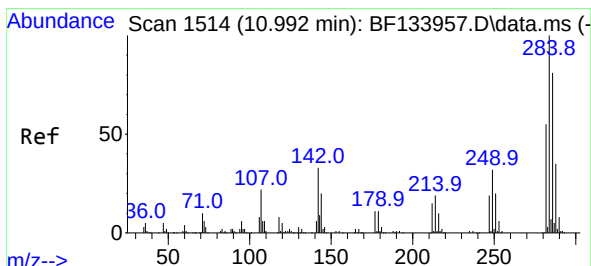
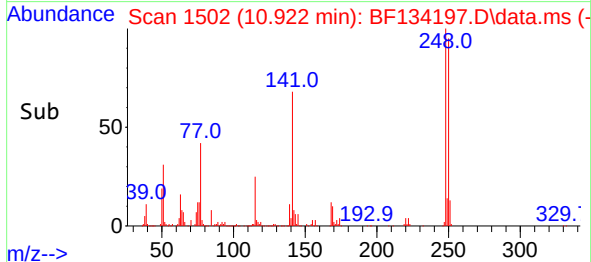
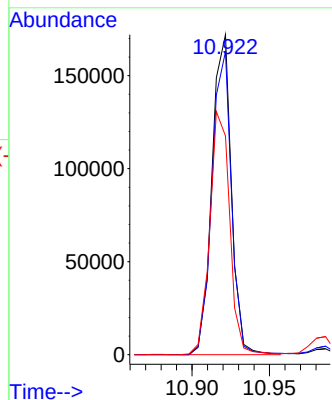
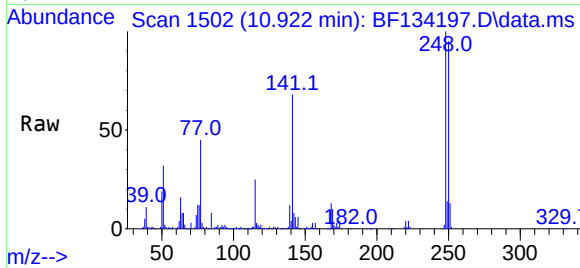




#67  
4-Bromophenyl-phenylether  
Concen: 49.113 ng  
RT: 10.922 min Scan# 1502  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

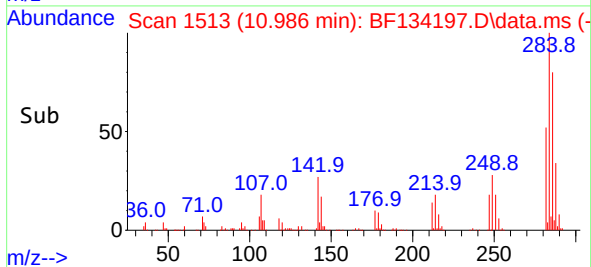
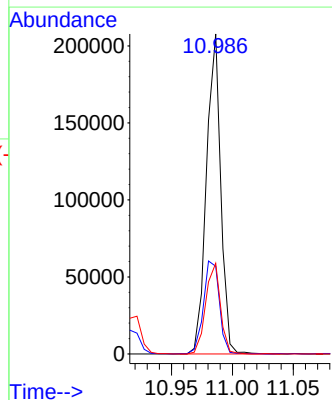
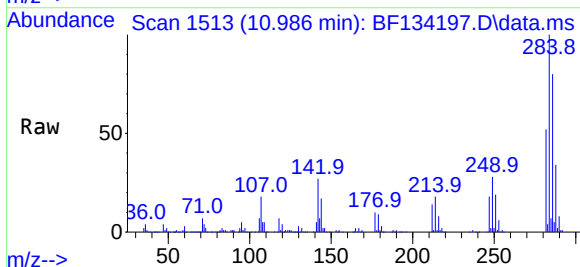
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

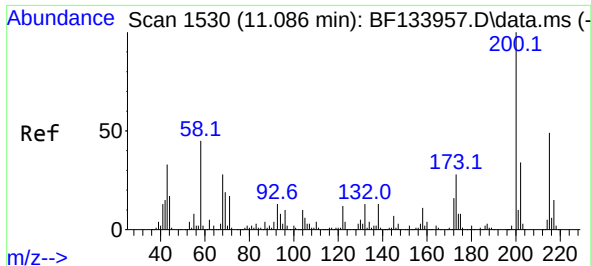
Tgt Ion:248 Resp: 149684  
Ion Ratio Lower Upper  
248 100  
250 94.7 76.2 114.4  
141 68.3 59.0 88.4



#68  
Hexachlorobenzene  
Concen: 52.413 ng  
RT: 10.986 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:284 Resp: 169607  
Ion Ratio Lower Upper  
284 100  
142 27.4 26.6 40.0  
249 28.3 25.5 38.3

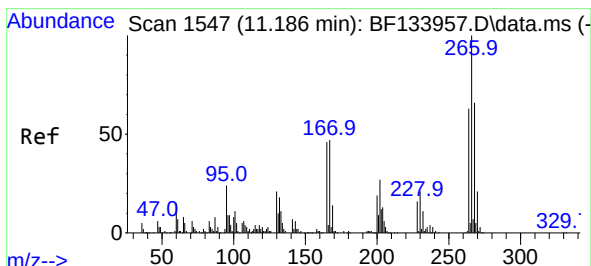
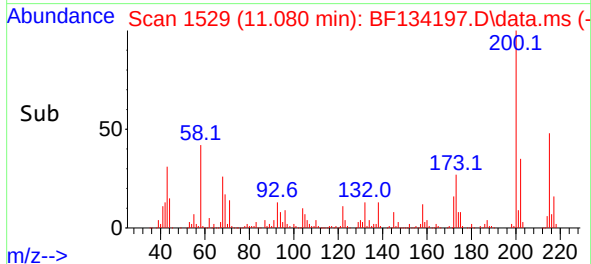
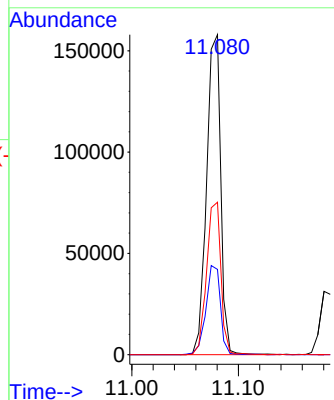
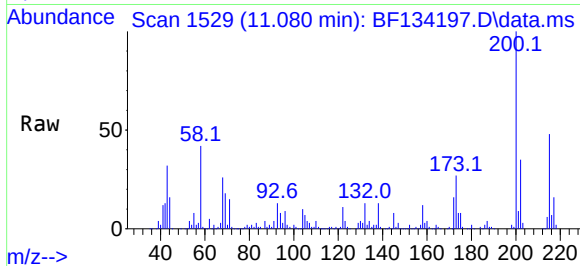




#69  
Atrazine  
Concen: 57.745 ng  
RT: 11.080 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

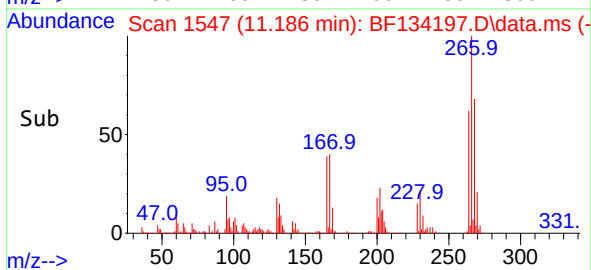
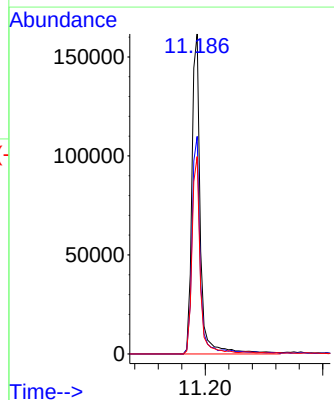
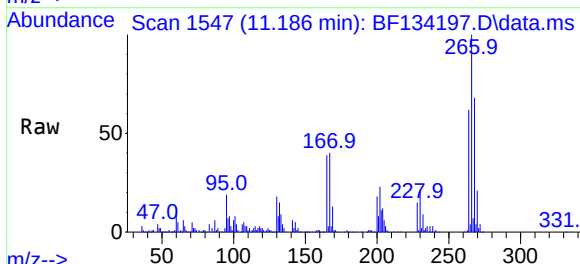
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

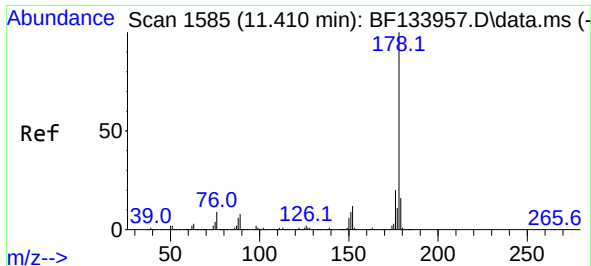
Tgt Ion:200 Resp: 146333  
Ion Ratio Lower Upper  
200 100  
173 26.7 8.0 48.0  
215 47.6 29.3 69.3



#70  
Pentachlorophenol  
Concen: 83.720 ng  
RT: 11.186 min Scan# 1547  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:266 Resp: 161984  
Ion Ratio Lower Upper  
266 100  
268 68.0 52.6 79.0  
264 61.7 50.6 76.0

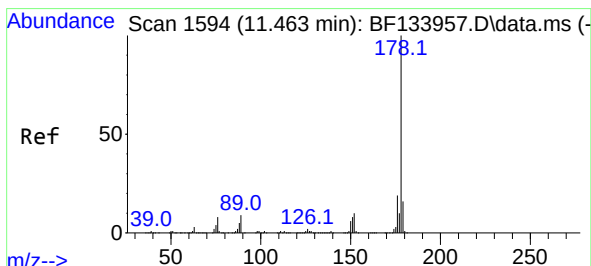
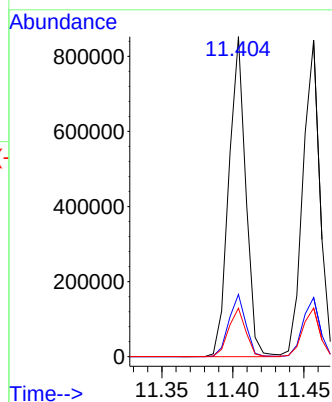
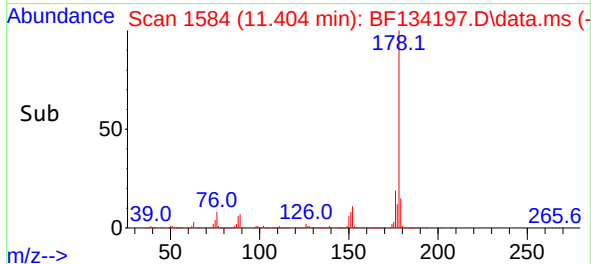
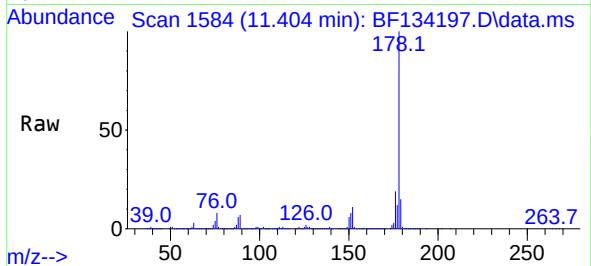




#71  
Phenanthrene  
Concen: 48.963 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

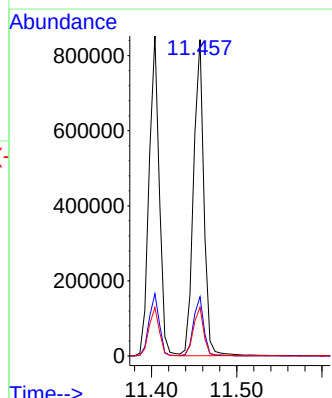
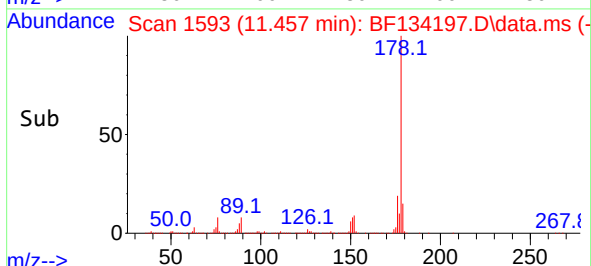
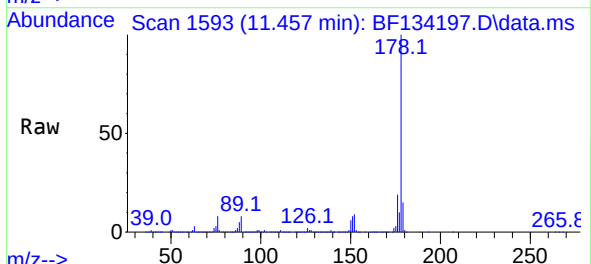
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

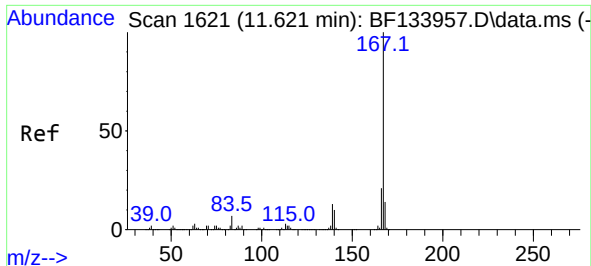
Tgt Ion:178 Resp: 706784  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.0 24.0  
179 15.2 12.4 18.6



#72  
Anthracene  
Concen: 47.147 ng  
RT: 11.457 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:178 Resp: 707865  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.3 22.9  
179 15.4 12.4 18.6

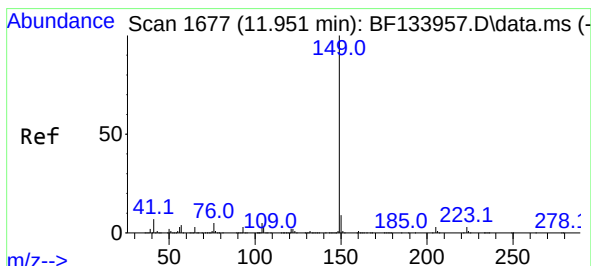
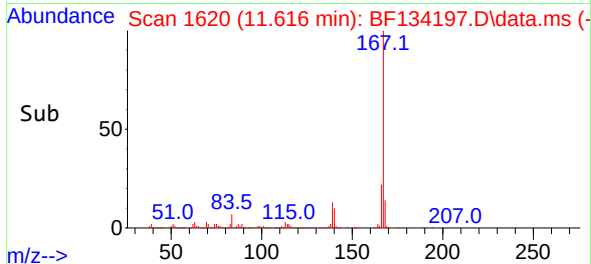
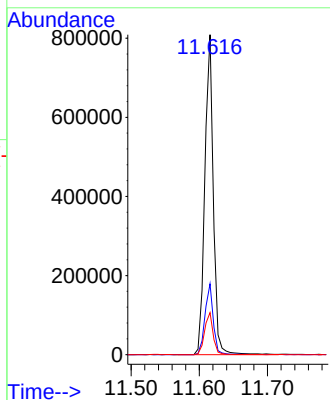
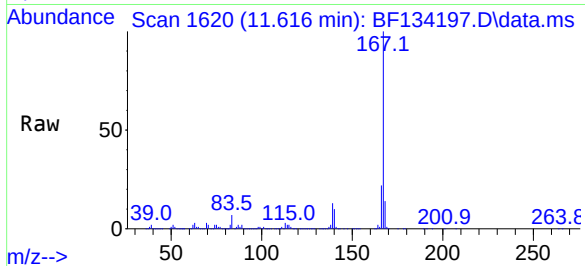




#73  
 Carbazole  
 Concen: 50.916 ng  
 RT: 11.616 min Scan# 1620  
 Delta R.T. -0.000 min  
 Lab File: BF134197.D  
 Acq: 10 Jul 2023 21:09

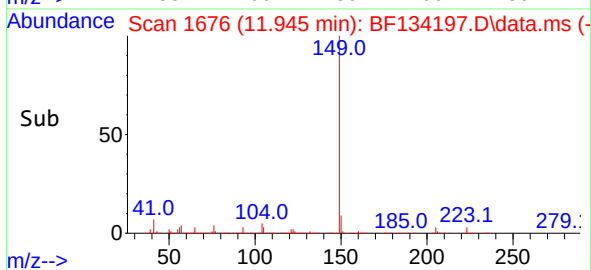
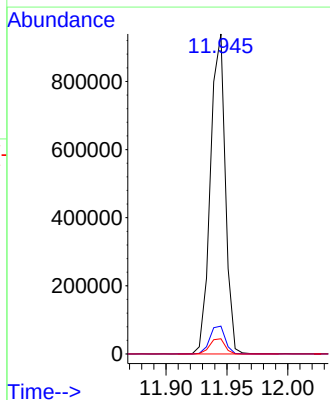
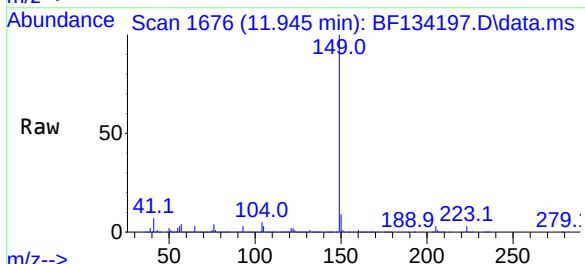
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CP-3MS

Tgt Ion:167 Resp: 699711  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.0 25.6  
 139 13.2 10.4 15.6

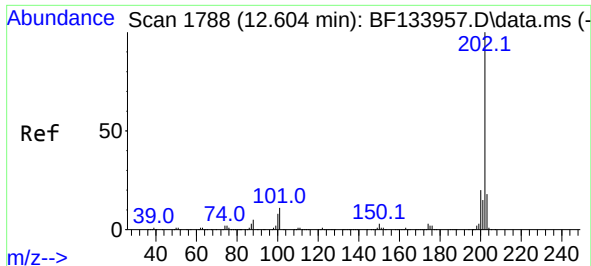


#74  
 Di-n-butylphthalate  
 Concen: 48.748 ng  
 RT: 11.945 min Scan# 1676  
 Delta R.T. -0.000 min  
 Lab File: BF134197.D  
 Acq: 10 Jul 2023 21:09

Tgt Ion:149 Resp: 796658  
 Ion Ratio Lower Upper  
 149 100  
 150 8.7 7.1 10.7  
 104 4.8 4.0 6.0



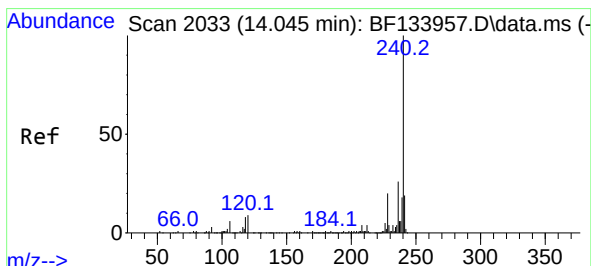
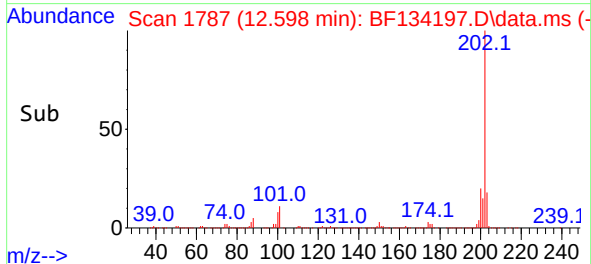
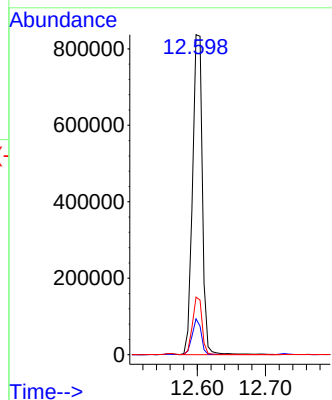
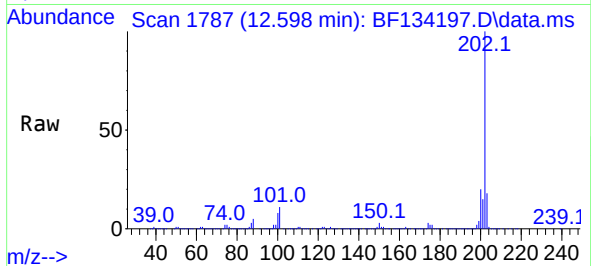




#75  
Fluoranthene  
Concen: 53.351 ng  
RT: 12.598 min Scan# 1787  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

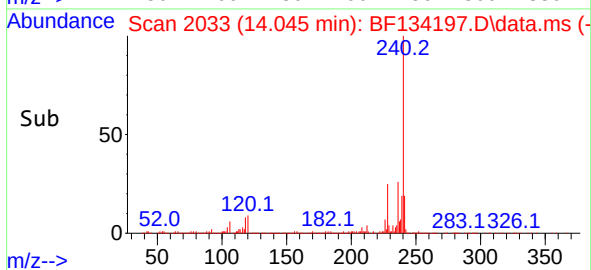
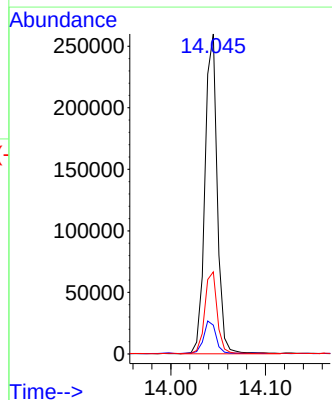
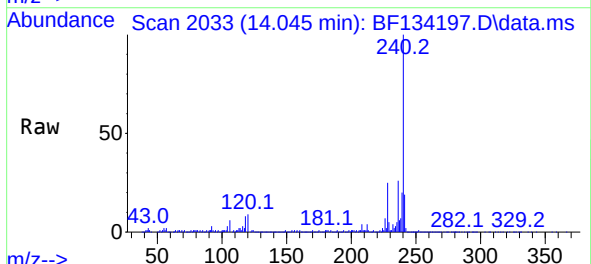
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

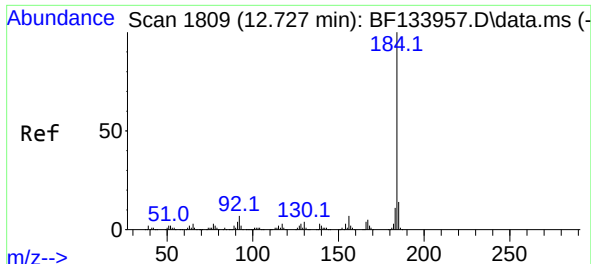
Tgt Ion:202 Resp: 832571  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 31.0  
203 18.0 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. 0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:240 Resp: 234493  
Ion Ratio Lower Upper  
240 100  
120 9.0 7.4 11.0  
236 25.6 21.0 31.6

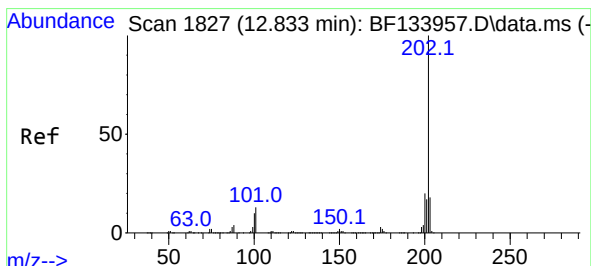
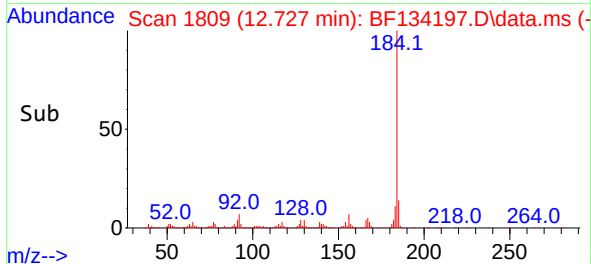
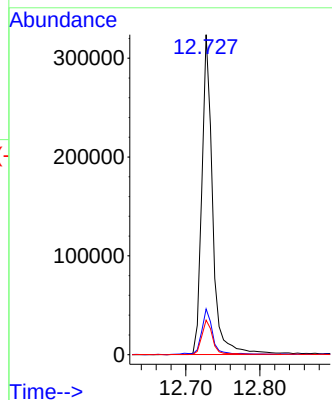
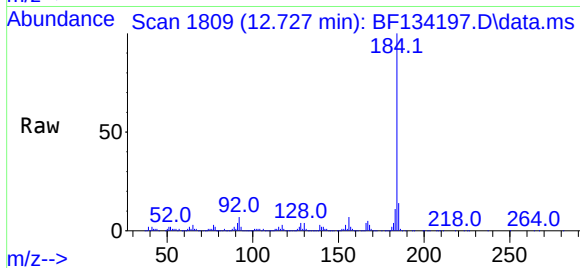




#77  
Benzidine  
Concen: 58.542 ng  
RT: 12.727 min Scan# 1809  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

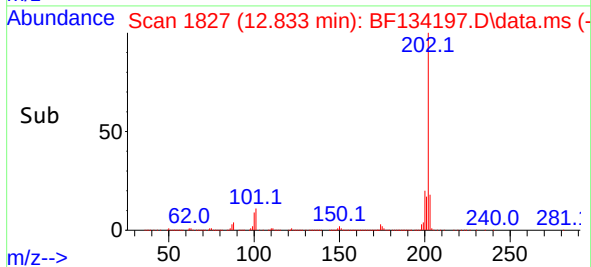
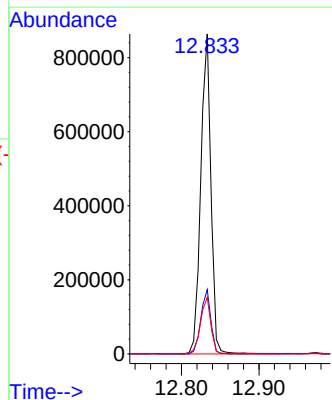
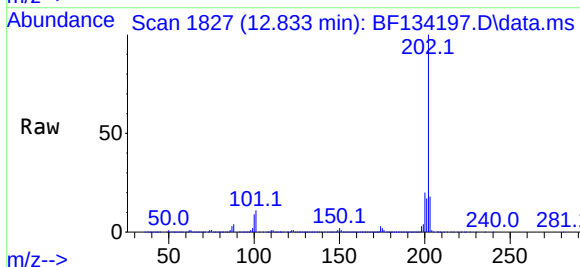
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

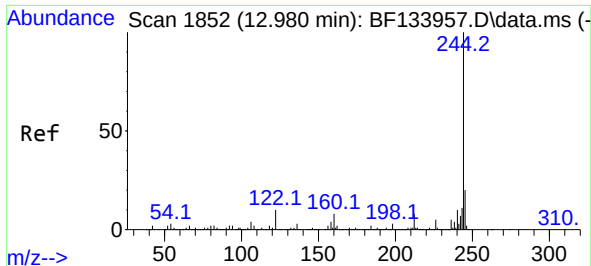
Tgt Ion:184 Resp: 326640  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.6 17.4  
183 10.8 8.8 13.2



#78  
Pyrene  
Concen: 35.952 ng  
RT: 12.833 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:202 Resp: 784565  
Ion Ratio Lower Upper  
202 100  
200 20.1 16.1 24.1  
203 17.7 14.3 21.5

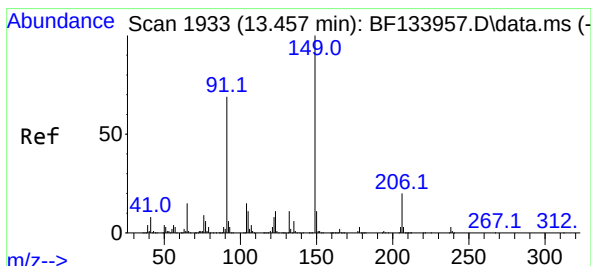
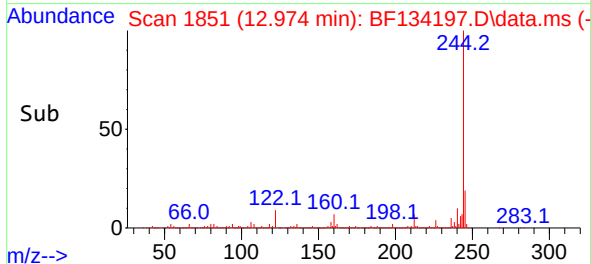
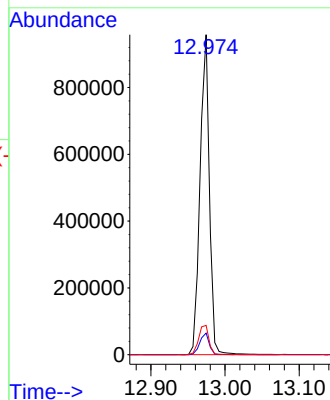
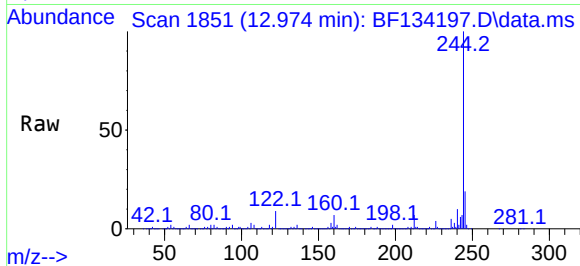




#79  
 Terphenyl-d14  
 Concen: 57.401 ng  
 RT: 12.974 min Scan# 1851  
 Delta R.T. -0.000 min  
 Lab File: BF134197.D  
 Acq: 10 Jul 2023 21:09

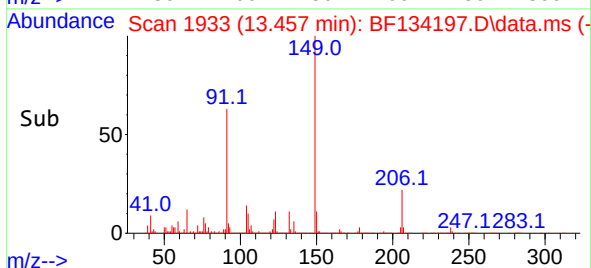
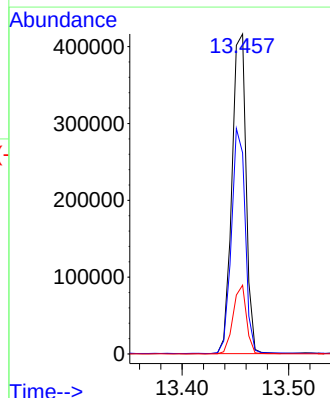
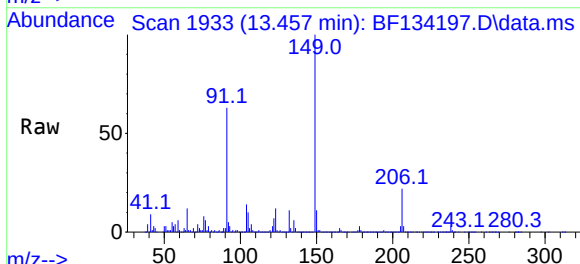
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CP-3MS

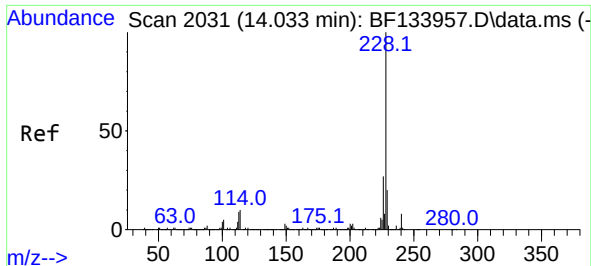
Tgt Ion:244 Resp: 836342  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 6.0 9.0  
 122 9.2 8.3 12.5



#80  
 Butylbenzylphthalate  
 Concen: 46.931 ng  
 RT: 13.457 min Scan# 1933  
 Delta R.T. -0.000 min  
 Lab File: BF134197.D  
 Acq: 10 Jul 2023 21:09

Tgt Ion:149 Resp: 384109  
 Ion Ratio Lower Upper  
 149 100  
 91 62.8 55.1 82.7  
 206 21.5 15.7 23.5

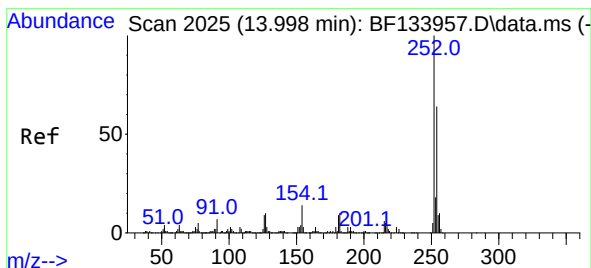
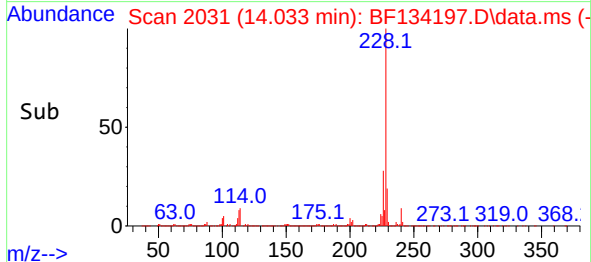
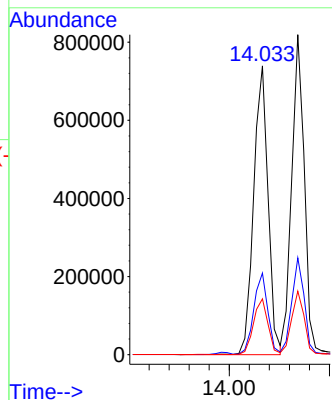
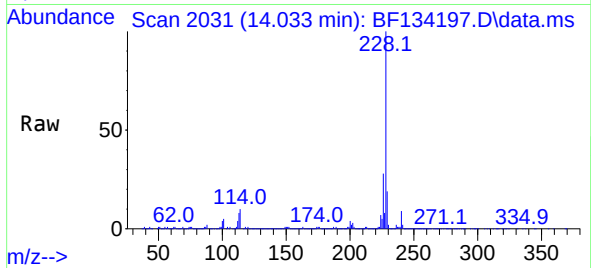




#81  
Benzo(a)anthracene  
Concen: 45.097 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

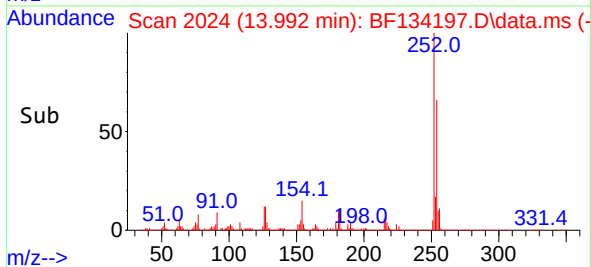
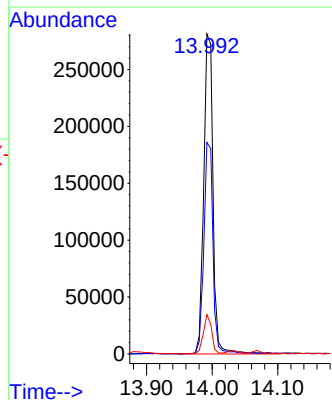
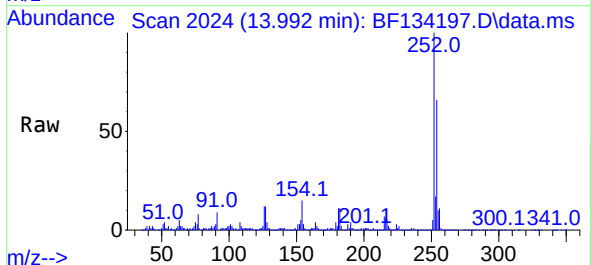
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

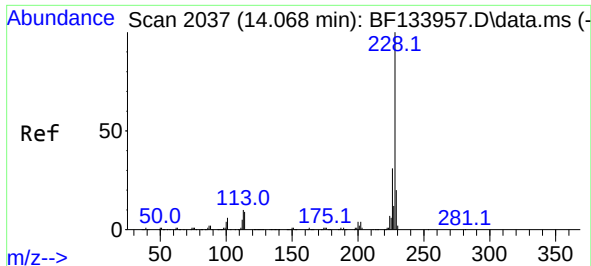
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:228 | Resp: | 733393 |
| Ion | Ratio   | Lower | Upper  |
| 228 | 100     |       |        |
| 226 | 28.2    | 22.0  | 33.0   |
| 229 | 19.4    | 16.3  | 24.5   |



#82  
3,3'-Dichlorobenzidine  
Concen: 54.069 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:252 | Resp: | 278578 |
| Ion | Ratio   | Lower | Upper  |
| 252 | 100     |       |        |
| 254 | 66.1    | 51.4  | 77.0   |
| 126 | 12.3    | 7.4   | 11.2#  |

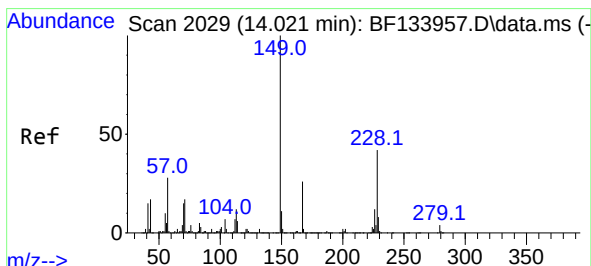
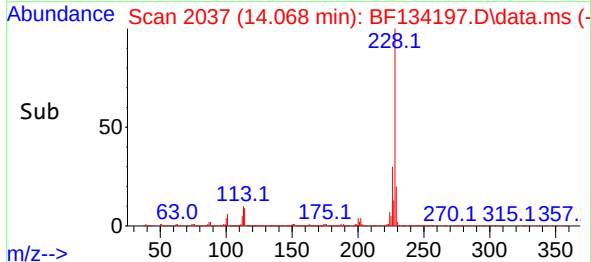
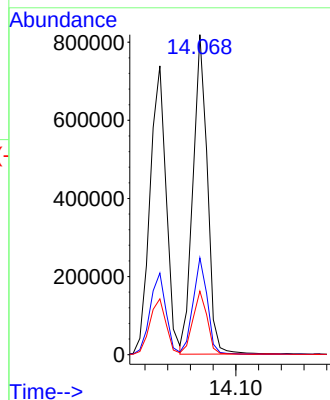
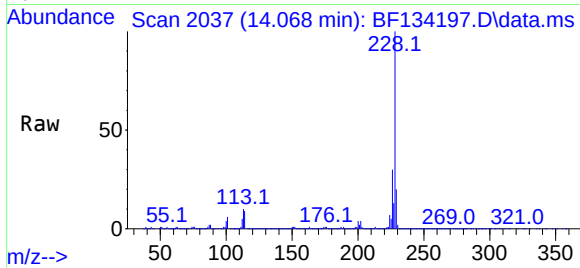




#83  
Chrysene  
Concen: 45.642 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

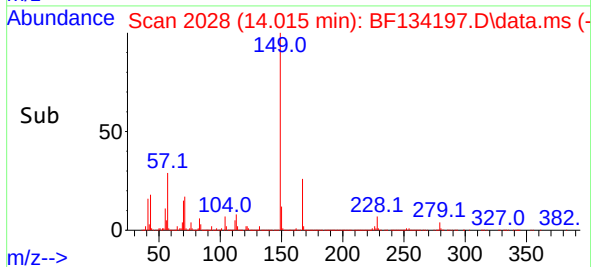
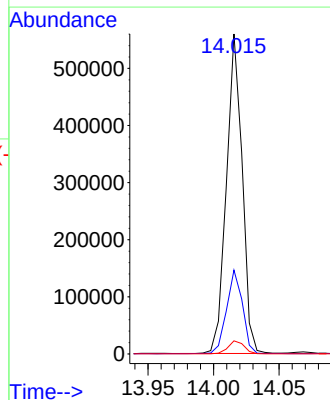
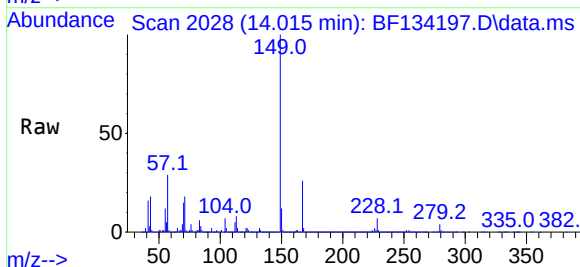
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

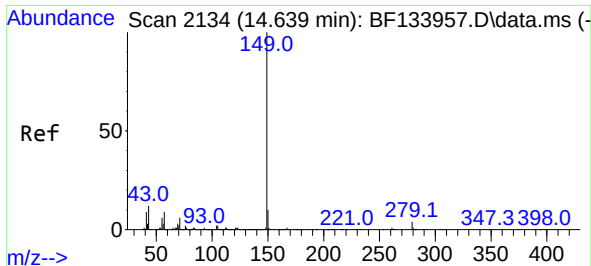
Tgt Ion:228 Resp: 718927  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.4 36.6  
229 19.9 16.1 24.1



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.655 ng  
RT: 14.015 min Scan# 2028  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:149 Resp: 466986  
Ion Ratio Lower Upper  
149 100  
167 26.2 21.0 31.4  
279 4.1 3.3 4.9

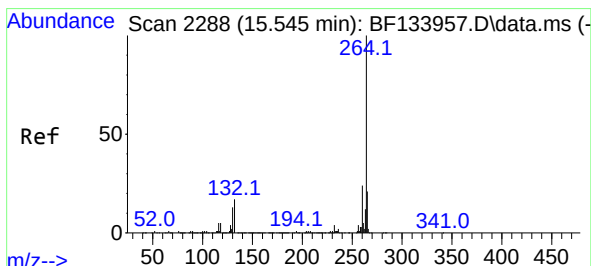
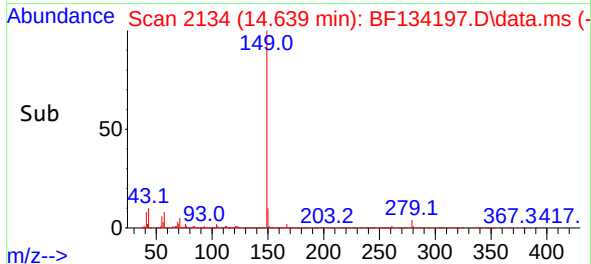
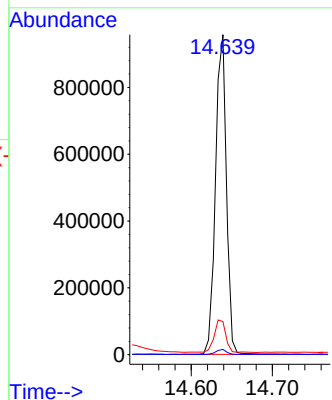
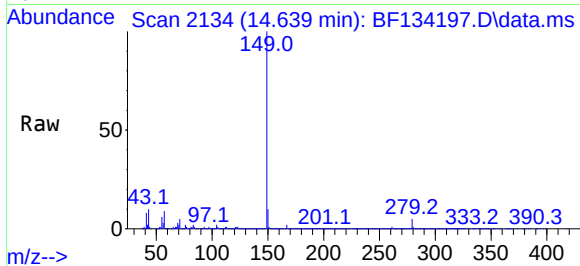




#85  
Di-n-octyl phthalate  
Concen: 64.450 ng  
RT: 14.639 min Scan# 2134  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

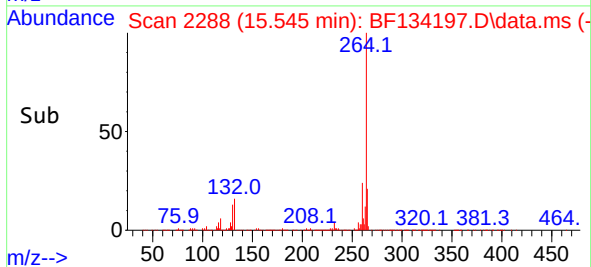
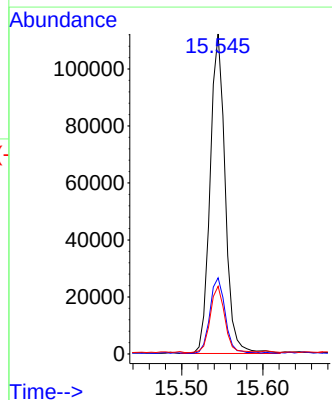
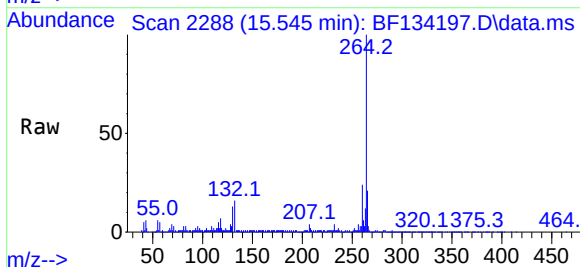
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

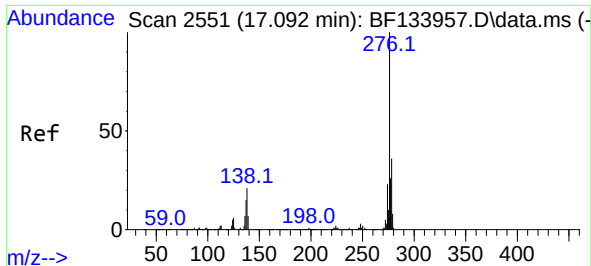
Tgt Ion:149 Resp: 890612  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.7 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2288  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:264 Resp: 144987  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.5 29.3  
265 21.1 16.6 25.0

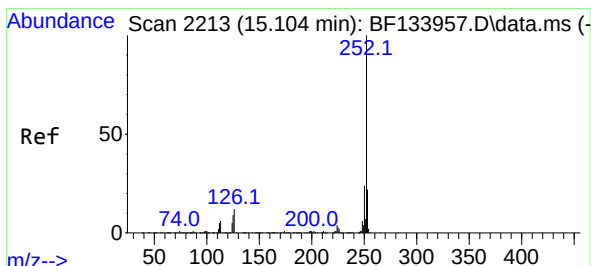
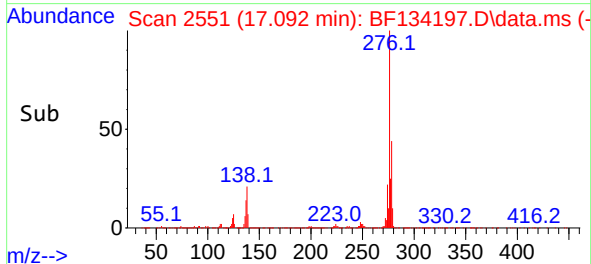
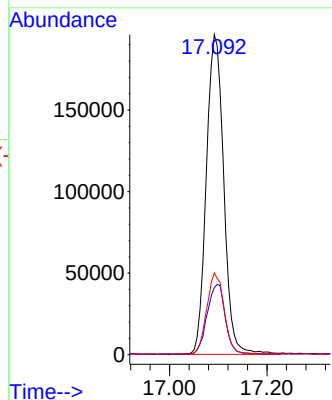
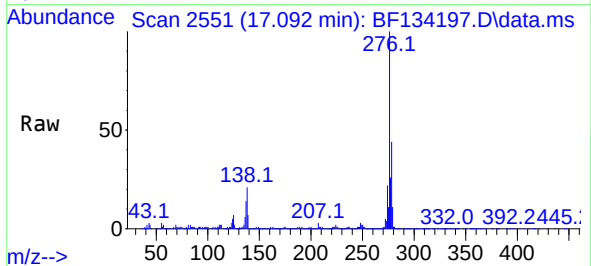




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 48.375 ng  
RT: 17.092 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

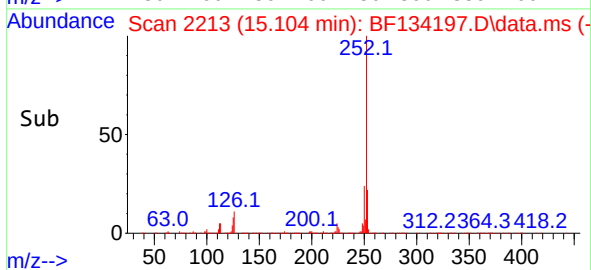
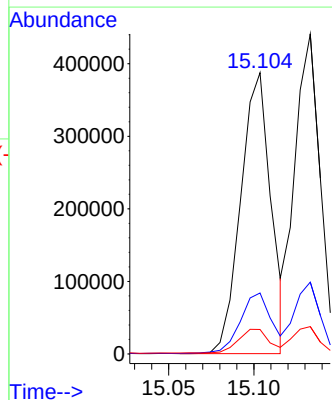
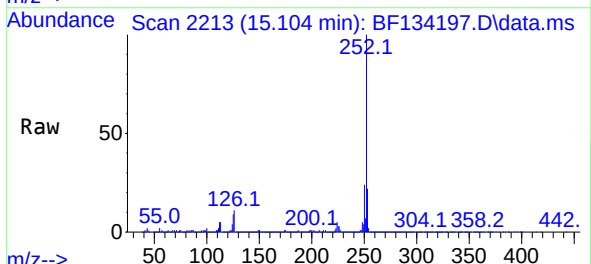
Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

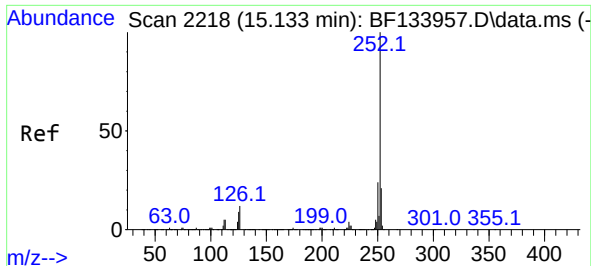
Tgt Ion:276 Resp: 486683  
Ion Ratio Lower Upper  
276 100  
138 22.4 18.7 28.1  
277 25.2 19.9 29.9



#88  
Benzo(b)fluoranthene  
Concen: 55.967 ng  
RT: 15.104 min Scan# 2213  
Delta R.T. 0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:252 Resp: 477138  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.0  
125 8.7 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 53.836 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF134197.D

Acq: 10 Jul 2023 21:09

Instrument :

BNA\_F

ClientSampleId :

CP-3MS

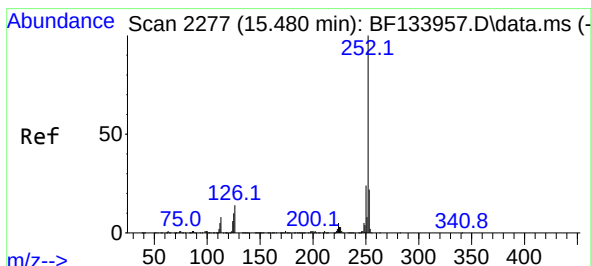
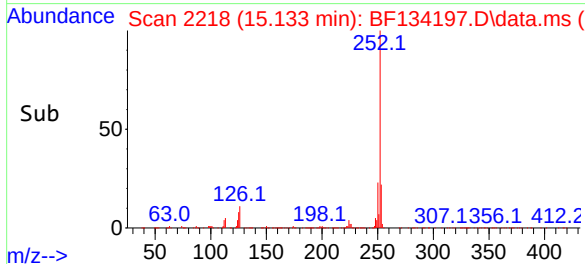
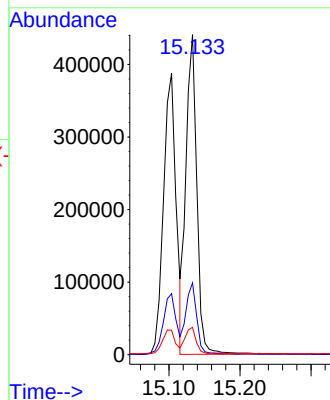
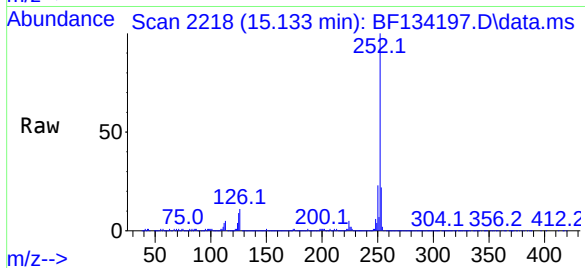
Tgt Ion:252 Resp: 467304

Ion Ratio Lower Upper

252 100

253 22.4 16.9 25.3

125 8.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 45.931 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.000 min

Lab File: BF134197.D

Acq: 10 Jul 2023 21:09

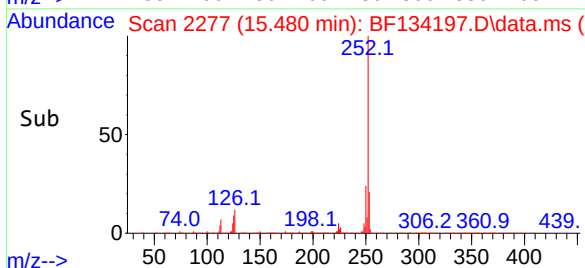
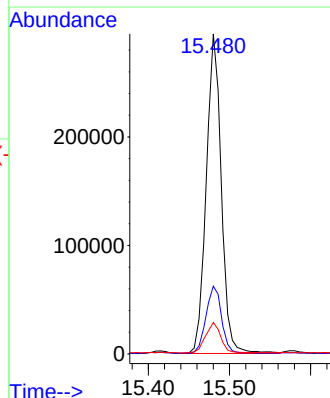
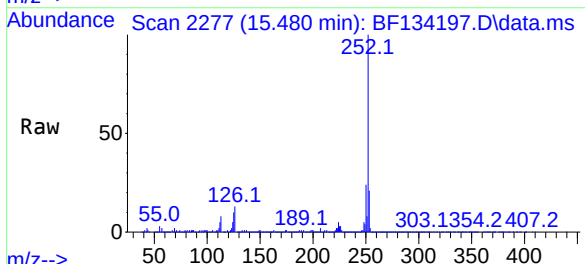
Tgt Ion:252 Resp: 378655

Ion Ratio Lower Upper

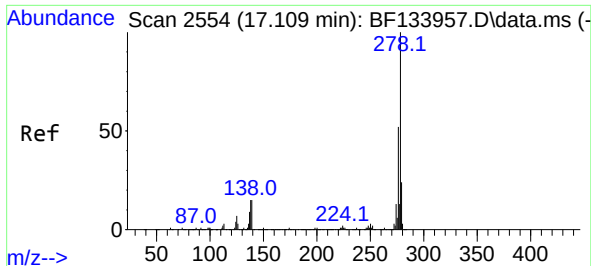
252 100

253 21.2 17.4 26.0

125 9.9 8.4 12.6



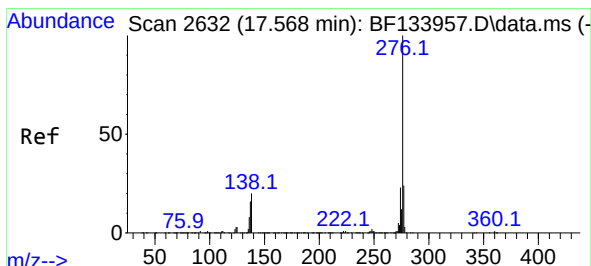
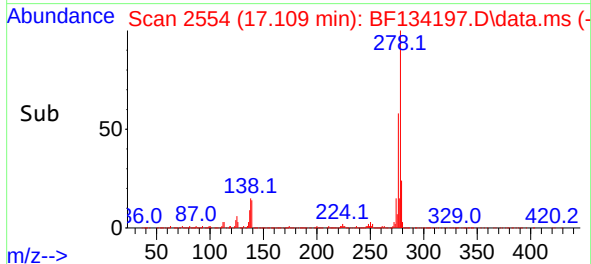
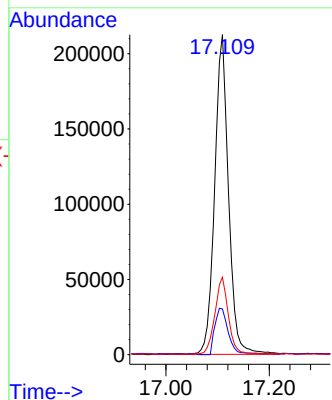
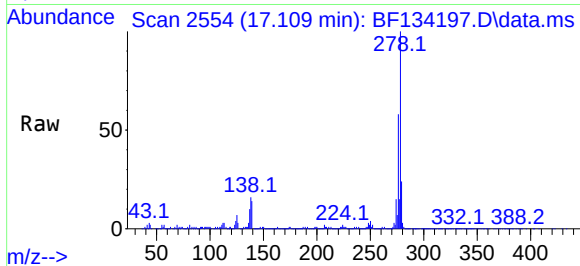




#91  
Dibenzo(a,h)anthracene  
Concen: 48.182 ng  
RT: 17.109 min Scan# 2554  
Delta R.T. -0.000 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Instrument :  
BNA\_F  
ClientSampleId :  
CP-3MS

Tgt Ion:278 Resp: 395936  
Ion Ratio Lower Upper  
278 100  
139 14.3 12.2 18.4  
279 24.2 19.4 29.2



#92  
Benzo(g,h,i)perylene  
Concen: 47.236 ng  
RT: 17.562 min Scan# 2631  
Delta R.T. -0.006 min  
Lab File: BF134197.D  
Acq: 10 Jul 2023 21:09

Tgt Ion:276 Resp: 400287  
Ion Ratio Lower Upper  
276 100  
277 24.2 19.0 28.6  
138 20.1 16.2 24.2

