

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122823\  
 Data File : BF136810.D  
 Acq On : 28 Dec 2023 23:55  
 Operator : CG\JU  
 Sample : 05671-05MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-35MSD

Quant Time: Dec 29 00:16:05 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 76334    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.063  | 136  | 273362   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.816  | 164  | 111053   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.310 | 188  | 172458   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.968 | 240  | 153041   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.445 | 264  | 130923   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 412555   | 84.327 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.434  | 99   | 507792   | 80.103 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 313803   | 58.741 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 95443    | 72.974 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 524287   | 63.497 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.904 | 244  | 423404   | 38.662 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.563  | 88   | 61549    | 30.194 | ng    | 100      |
| 3) Pyridine                   | 3.328  | 79   | 155314   | 31.228 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.293  | 42   | 93540    | 35.219 | ng    | 98       |
| 6) Aniline                    | 6.451  | 93   | 144085   | 22.734 | ng    | # 31     |
| 8) 2-Chlorophenol             | 6.575  | 128  | 204572   | 38.210 | ng    | 93       |
| 9) Benzaldehyde               | 6.339  | 77   | 67224    | 18.643 | ng    | 97       |
| 10) Phenol                    | 6.445  | 94   | 242991   | 35.907 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.522  | 93   | 192629   | 37.430 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.722  | 146  | 207124   | 35.464 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.798  | 146  | 214073   | 35.872 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 6.951  | 146  | 199093   | 35.853 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.934  | 79   | 166574   | 38.949 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.057  | 45   | 305543   | 36.314 | ng    | 89       |
| 17) 2-Methylphenol            | 7.045  | 107  | 157629   | 35.540 | ng    | 98       |
| 18) Hexachloroethane          | 7.286  | 117  | 73273    | 33.809 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.198  | 70   | 138149   | 35.950 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.198  | 107  | 197933   | 35.721 | ng    | # 80     |
| 22) Acetophenone              | 7.192  | 105  | 277867   | 40.554 | ng    | 92       |
| 24) Nitrobenzene              | 7.369  | 77   | 202418   | 37.825 | ng    | 92       |
| 25) Isophorone                | 7.604  | 82   | 366626   | 37.717 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.681  | 139  | 102070   | 39.866 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.722  | 122  | 149768   | 48.048 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.816  | 93   | 230306   | 38.978 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.928  | 162  | 149609   | 37.281 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 166402   | 37.216 | ng    | 100      |
| 31) Naphthalene               | 8.081  | 128  | 565761   | 37.673 | ng    | 100      |
| 32) Benzoic acid              | 7.851  | 122  | 99468    | 32.980 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.133  | 127  | 86693    | 15.635 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.198  | 225  | 99460    | 36.613 | ng    | 99       |
| 35) Caprolactam               | 8.510  | 113  | 45119    | 34.082 | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol   | 8.628  | 107  | 145805   | 32.274 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.775  | 142  | 334000   | 34.558 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.875  | 142  | 323765   | 34.145 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.939  | 216  | 163873   | 47.648 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.922  | 237  | 42524    | 41.302 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.057  | 196  | 94365    | 42.783 | ng    | 98       |

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 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

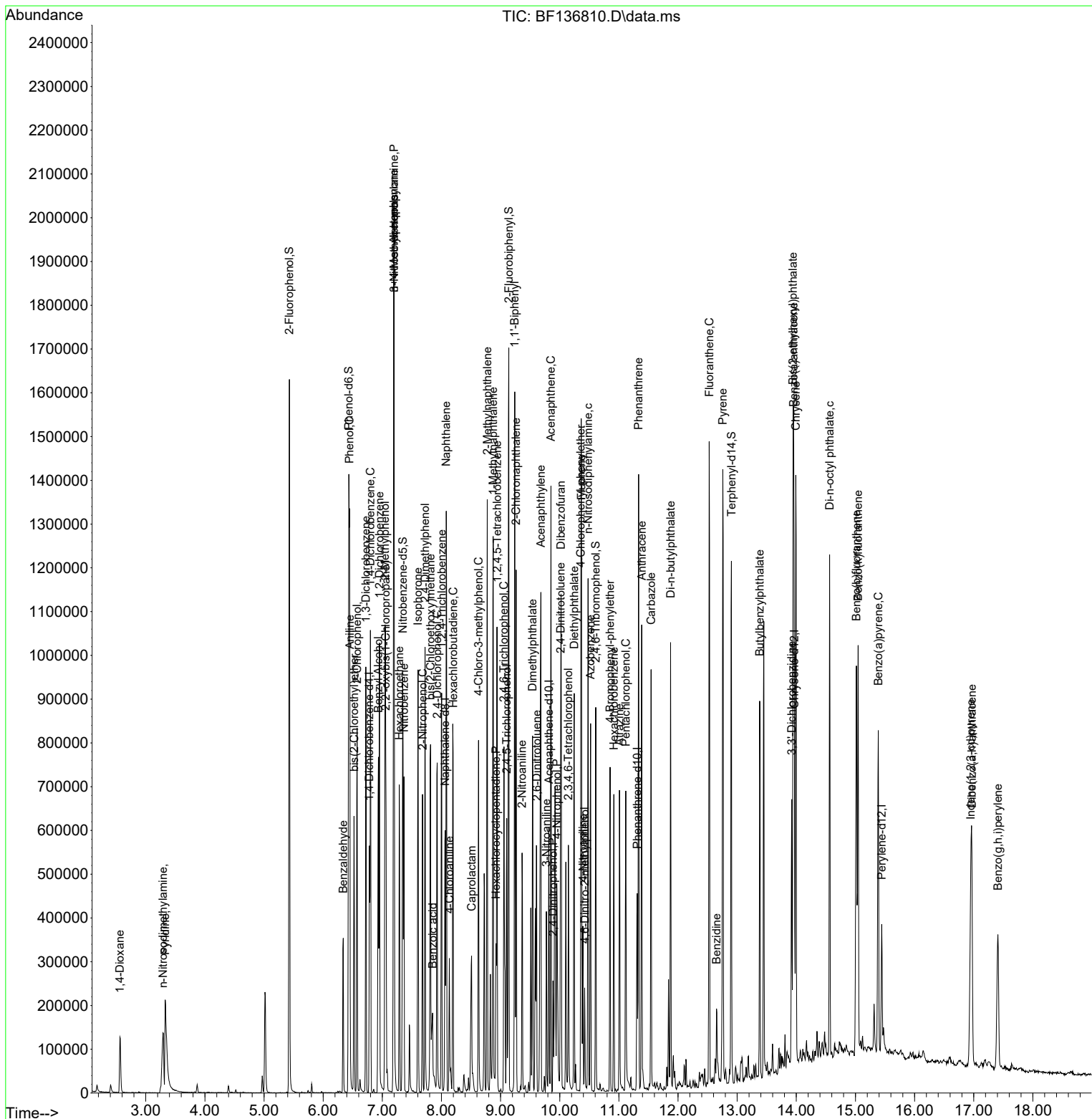
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-35MSD

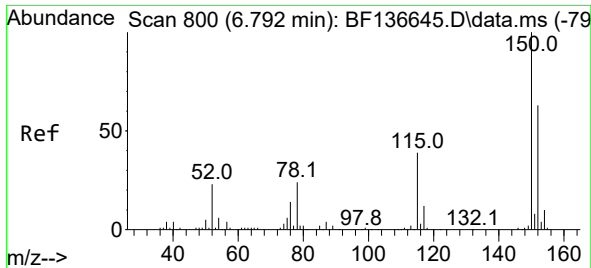
Quant Time: Dec 29 00:16:05 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 9.104  | 196  | 90869    | 36.970 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.239  | 154  | 423034   | 45.395 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.263  | 162  | 296426   | 41.842 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.363  | 65   | 89294    | 40.250 | ng    | 98       |
| 49) Acenaphthylene             | 9.680  | 152  | 466546   | 43.085 | ng    | 99       |
| 50) Dimethylphthalate          | 9.539  | 163  | 341880   | 42.147 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.610  | 165  | 70254    | 38.162 | ng    | 96       |
| 52) Acenaphthene               | 9.851  | 154  | 264386   | 39.388 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.775  | 138  | 57321    | 29.393 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.886  | 184  | 34294    | 35.778 | ng    | # 80     |
| 55) Dibenzofuran               | 10.022 | 168  | 400779   | 39.388 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.951  | 139  | 78141    | 59.357 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.016 | 165  | 82531    | 34.533 | ng    | # 92     |
| 58) Fluorene                   | 10.369 | 166  | 298855   | 37.017 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.145 | 232  | 68017    | 35.949 | ng    | 99       |
| 60) Diethylphthalate           | 10.245 | 149  | 323426   | 38.429 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.357 | 204  | 147512   | 37.590 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.392 | 138  | 59291    | 31.538 | ng    | 97       |
| 63) Azobenzene                 | 10.522 | 77   | 271727   | 34.567 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph...  | 10.422 | 198  | 28168    | 28.500 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 10.480 | 169  | 252453   | 45.063 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.851 | 248  | 81372    | 42.486 | ng    | 96       |
| 68) Hexachlorobenzene          | 10.916 | 284  | 85978    | 40.282 | ng    | 98       |
| 69) Atrazine                   | 11.010 | 200  | 75544    | 52.722 | ng    | 98       |
| 70) Pentachlorophenol          | 11.116 | 266  | 77173    | 77.571 | ng    | 94       |
| 71) Phenanthrene               | 11.333 | 178  | 482929   | 54.575 | ng    | 99       |
| 72) Anthracene                 | 11.386 | 178  | 391862   | 43.727 | ng    | 99       |
| 73) Carbazole                  | 11.545 | 167  | 358356   | 42.413 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.874 | 149  | 438501   | 42.532 | ng    | 100      |
| 75) Fluoranthene               | 12.527 | 202  | 611651   | 64.620 | ng    | 98       |
| 77) Benzidine                  | 12.651 | 184  | 71493    | 15.843 | ng    | 97       |
| 78) Pyrene                     | 12.757 | 202  | 608933   | 40.532 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.380 | 149  | 195139   | 35.696 | ng    | 97       |
| 81) Benzo(a)anthracene         | 13.957 | 228  | 521305   | 49.055 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.921 | 252  | 124736   | 41.331 | ng    | 99       |
| 83) Chrysene                   | 13.992 | 228  | 498390   | 47.959 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha...  | 13.945 | 149  | 279902   | 40.695 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 14.562 | 149  | 521088   | 48.978 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.951 | 276  | 339290   | 35.893 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.015 | 252  | 454754   | 52.005 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.045 | 252  | 390842   | 47.302 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.386 | 252  | 354440   | 48.019 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.968 | 278  | 261416   | 33.709 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 17.409 | 276  | 271239   | 34.149 | ng    | 99       |

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

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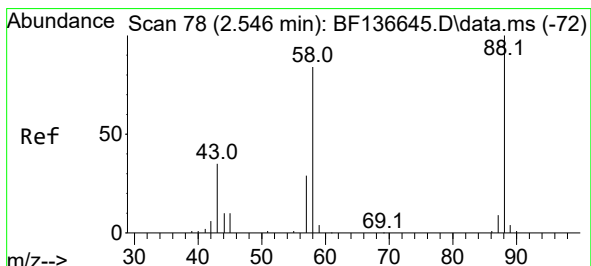
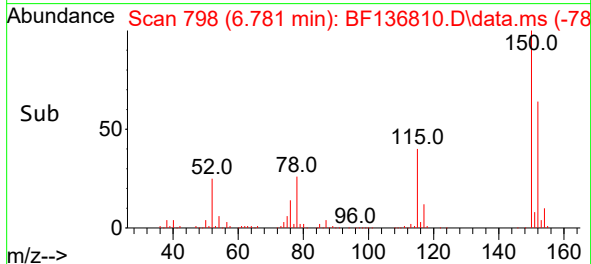
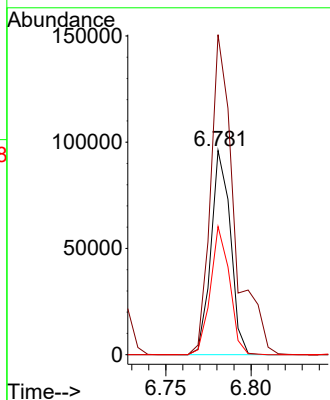
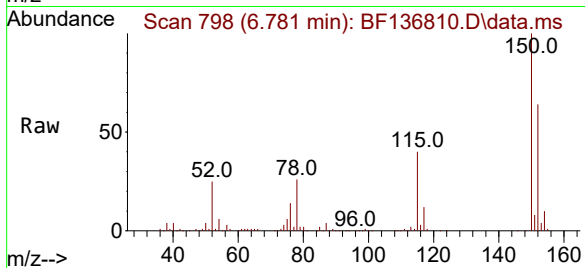




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 79  
 Delta R.T. -0.011 min  
 Lab File: BF136810.D  
 Acq: 28 Dec 2023 23:55

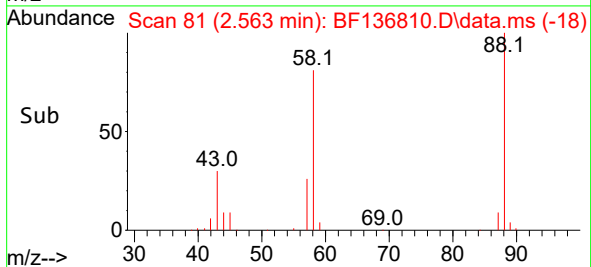
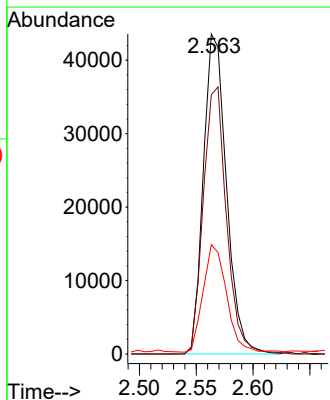
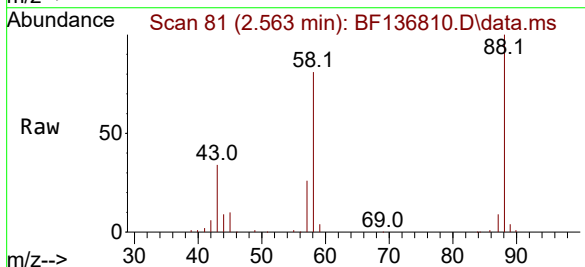
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-35MSD

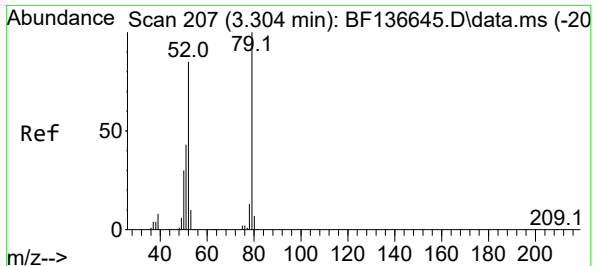
Tgt Ion:152 Resp: 76334  
 Ion Ratio Lower Upper  
 152 100  
 150 156.7 127.0 190.6  
 115 62.8 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: 30.194 ng  
 RT: 2.563 min Scan# 81  
 Delta R.T. 0.018 min  
 Lab File: BF136810.D  
 Acq: 28 Dec 2023 23:55

Tgt Ion: 88 Resp: 61549  
 Ion Ratio Lower Upper  
 88 100  
 58 84.2 67.4 101.0  
 43 34.3 27.7 41.5

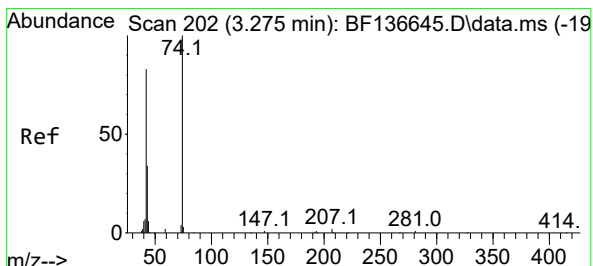
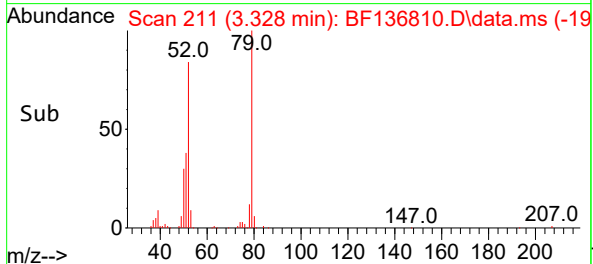
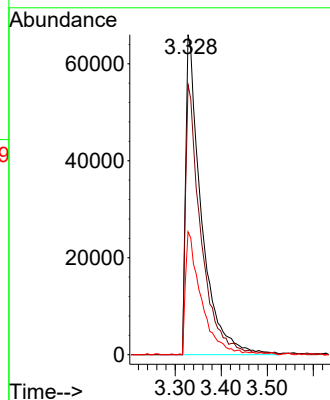
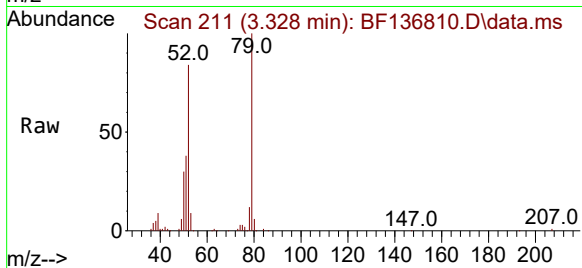




#3  
 Pyridine  
 Concen: 31.228 ng  
 RT: 3.328 min Scan# 21  
 Delta R.T. 0.024 min  
 Lab File: BF136810.D  
 Acq: 28 Dec 2023 23:55

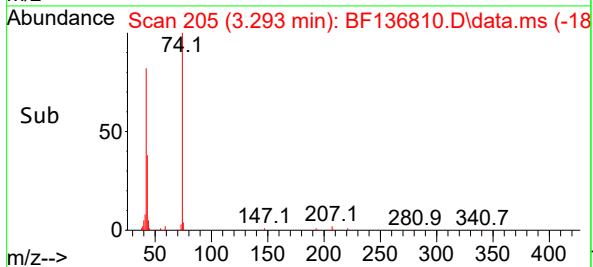
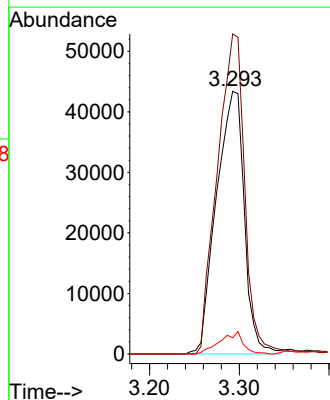
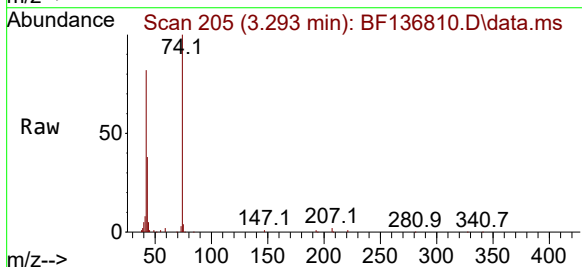
Instrument :  
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 ClientSampleId :  
 TP-35MSD

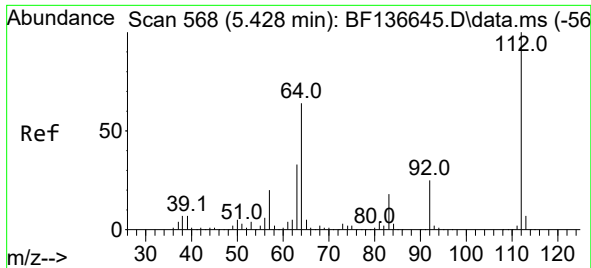
Tgt Ion: 79 Resp: 155314  
 Ion Ratio Lower Upper  
 79 100  
 52 84.4 67.7 101.5  
 51 38.4 34.0 51.0



#4  
 n-Nitrosodimethylamine  
 Concen: 35.219 ng  
 RT: 3.293 min Scan# 205  
 Delta R.T. 0.018 min  
 Lab File: BF136810.D  
 Acq: 28 Dec 2023 23:55

Tgt Ion: 42 Resp: 93540  
 Ion Ratio Lower Upper  
 42 100  
 74 121.9 96.0 144.0  
 44 6.1 5.4 8.2

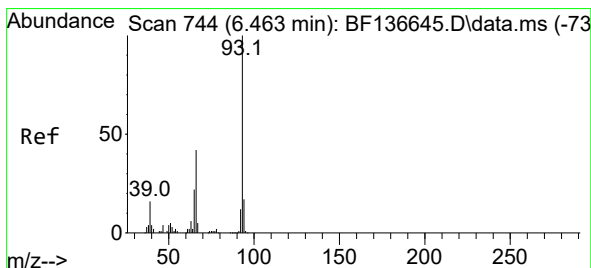
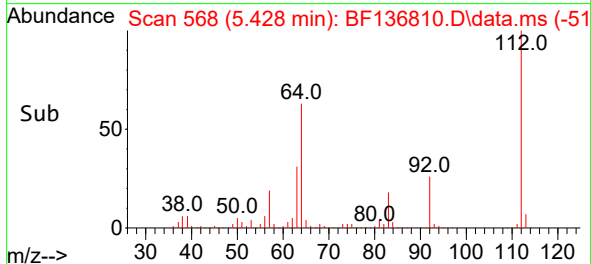
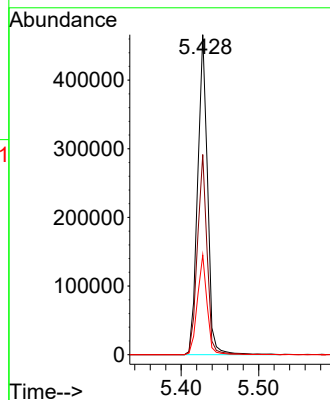
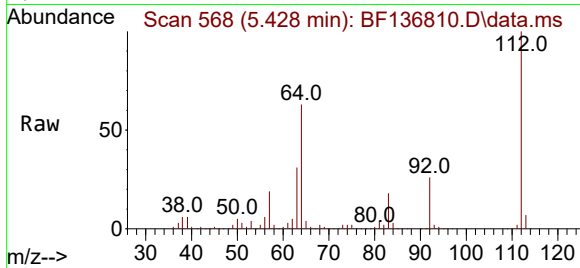




#5  
2-Fluorophenol  
Concen: 84.327 ng  
RT: 5.428 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

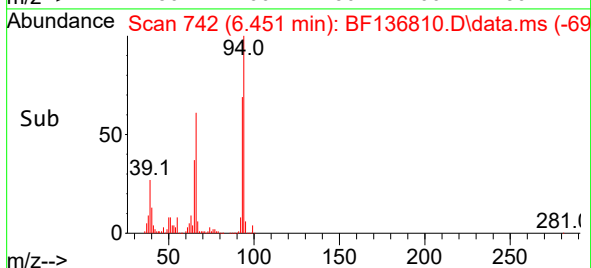
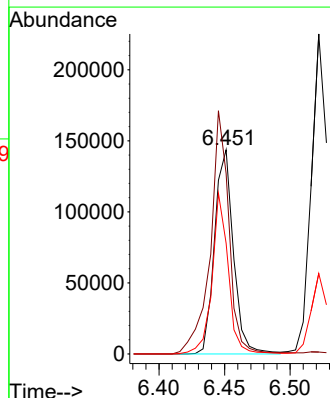
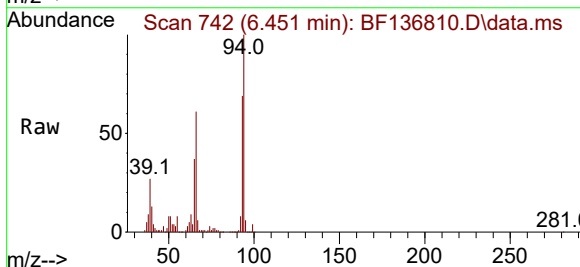
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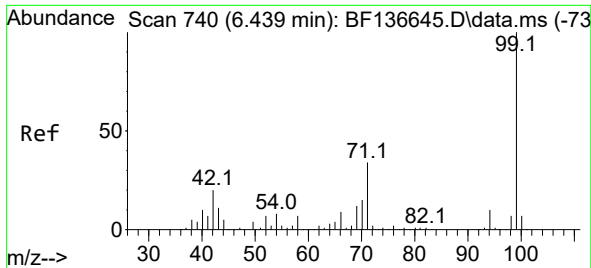
Tgt Ion:112 Resp: 412555  
Ion Ratio Lower Upper  
112 100  
64 62.6 51.1 76.7  
63 31.2 26.1 39.1



#6  
Aniline  
Concen: 22.734 ng  
RT: 6.451 min Scan# 742  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion: 93 Resp: 144085  
Ion Ratio Lower Upper  
93 100  
66 88.4 34.6 51.8#  
65 54.2 17.8 26.8#

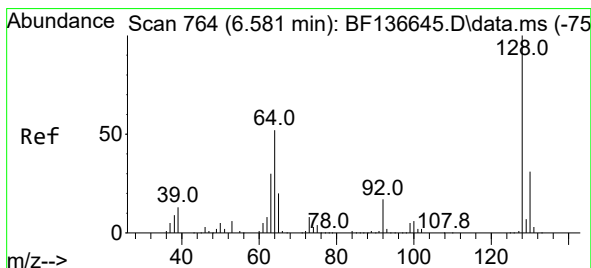
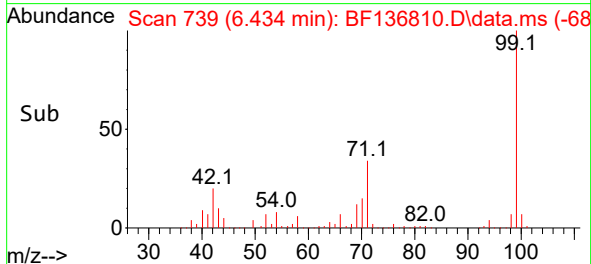
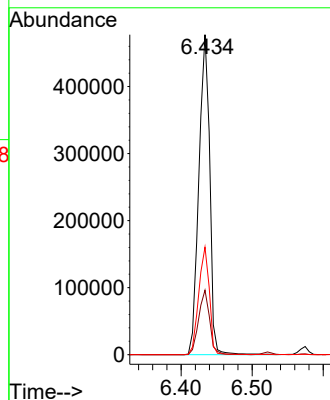
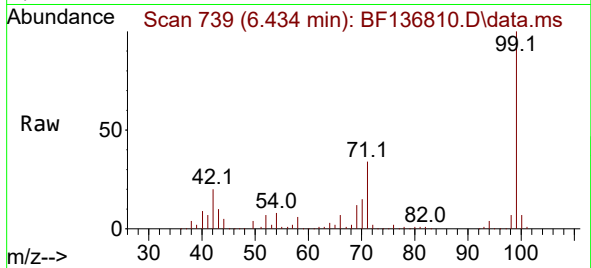




#7  
Phenol-d6  
Concen: 80.103 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

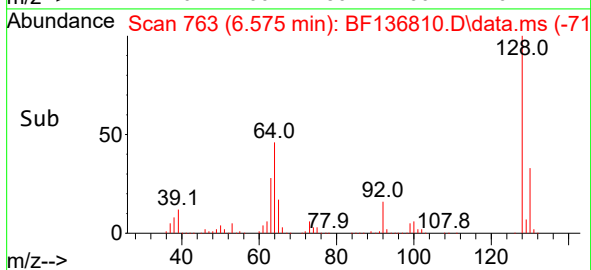
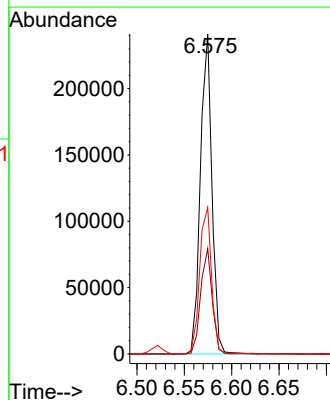
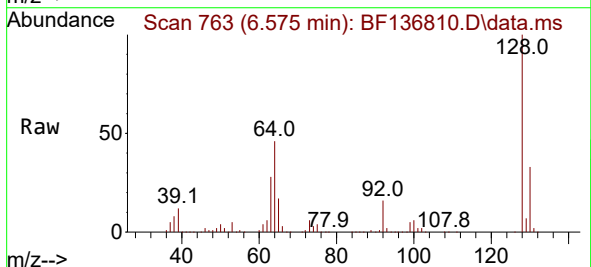
Instrument :  
BNA\_F  
ClientSampleId :  
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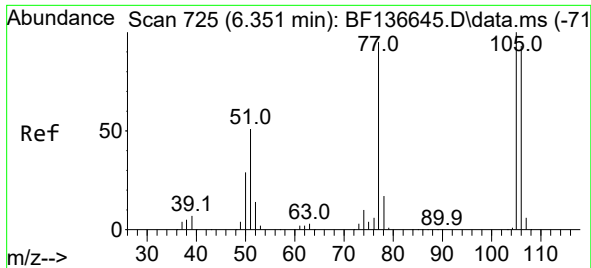
Tgt Ion: 99 Resp: 507792  
Ion Ratio Lower Upper  
99 100  
42 20.1 16.1 24.1  
71 33.6 27.4 41.2



#8  
2-Chlorophenol  
Concen: 38.210 ng  
RT: 6.575 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion: 128 Resp: 204572  
Ion Ratio Lower Upper  
128 100  
130 32.9 11.3 51.3  
64 45.8 32.5 72.5

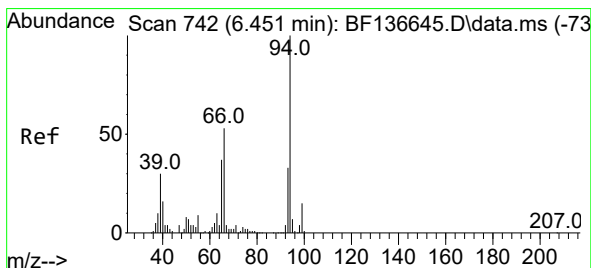
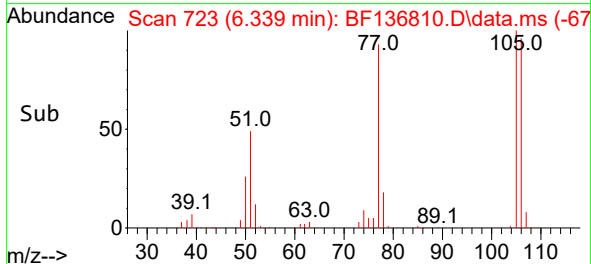
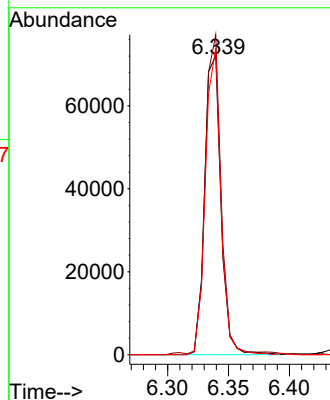
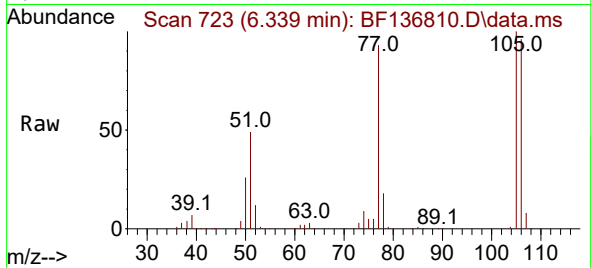




#9  
Benzaldehyde  
Concen: 18.643 ng  
RT: 6.339 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

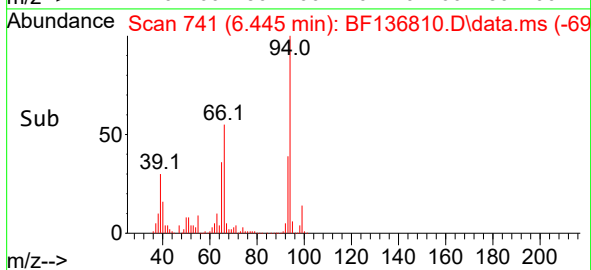
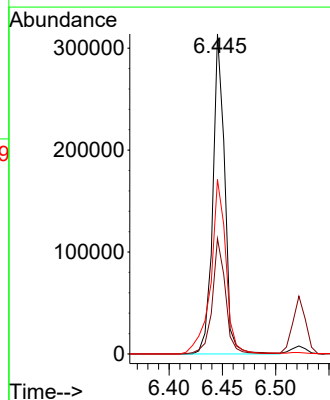
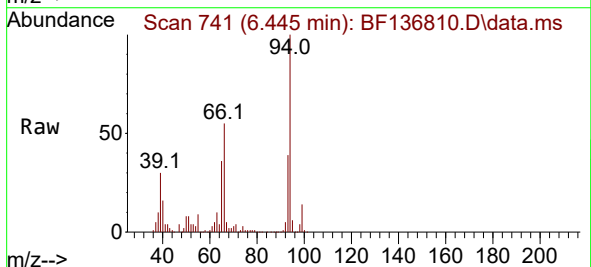
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

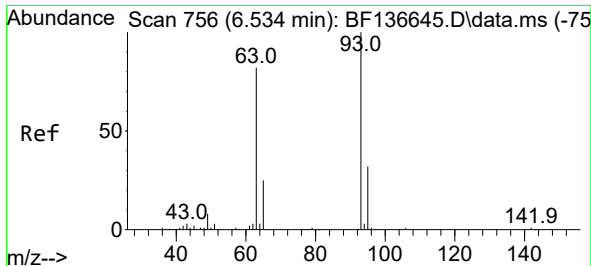
Tgt Ion: 77 Resp: 67224  
Ion Ratio Lower Upper  
77 100  
105 107.1 84.8 124.8  
106 102.4 77.8 117.8



#10  
Phenol  
Concen: 35.907 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion: 94 Resp: 242991  
Ion Ratio Lower Upper  
94 100  
65 36.0 16.6 56.6  
66 54.5 32.6 72.6

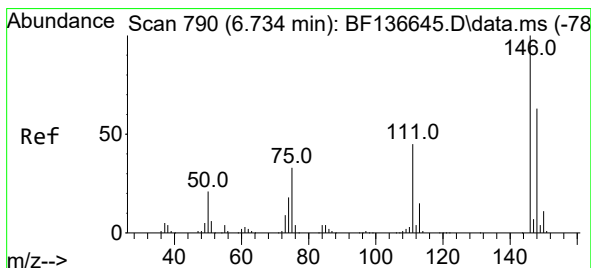
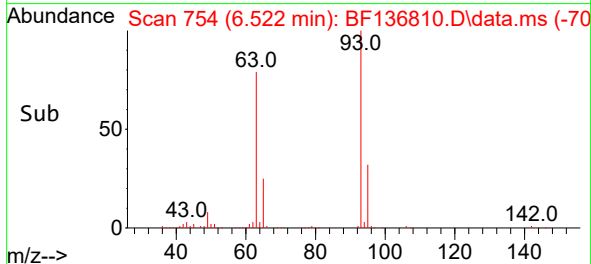
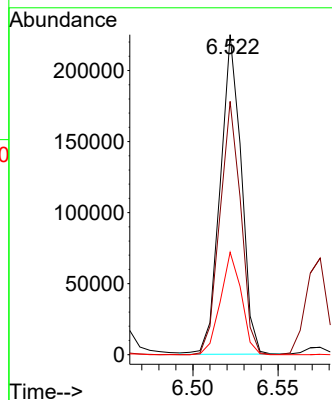
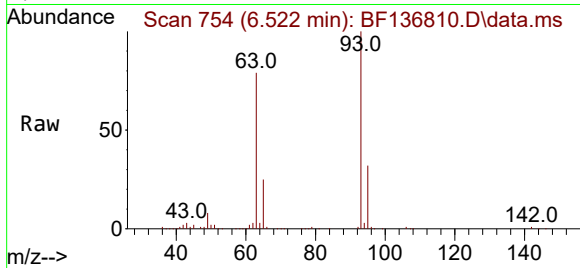




#11  
bis(2-Chloroethyl)ether  
Concen: 37.430 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

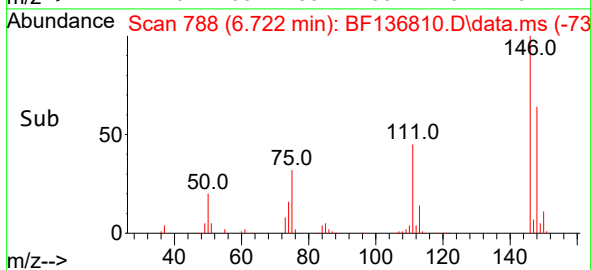
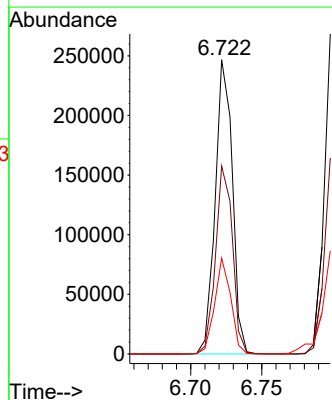
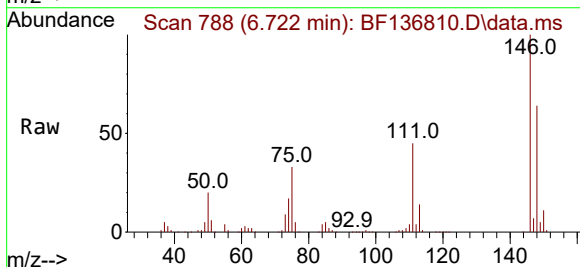
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

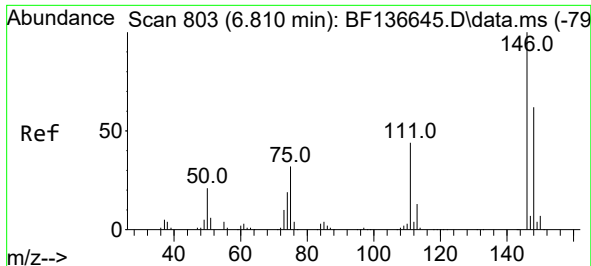
Tgt Ion: 93 Resp: 192629  
Ion Ratio Lower Upper  
93 100  
63 79.2 61.2 101.2  
95 32.0 11.6 51.6



#12  
1,3-Dichlorobenzene  
Concen: 35.464 ng  
RT: 6.722 min Scan# 788  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:146 Resp: 207124  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.5 75.7  
75 32.5 26.2 39.4

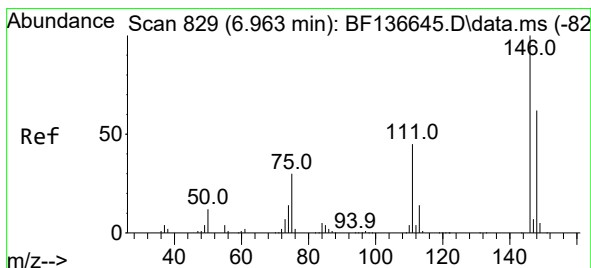
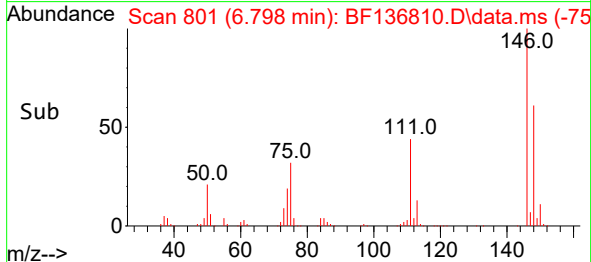
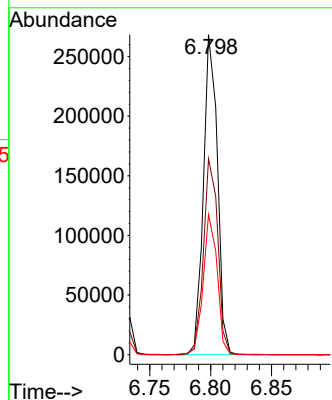
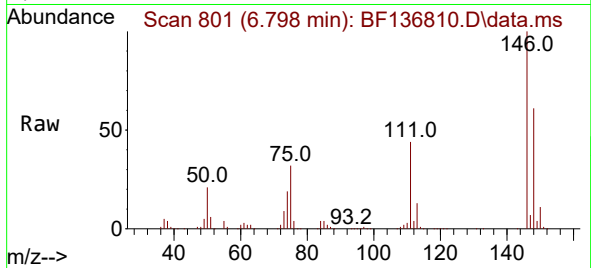




#13  
1,4-Dichlorobenzene  
Concen: 35.872 ng  
RT: 6.798 min Scan# 803  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

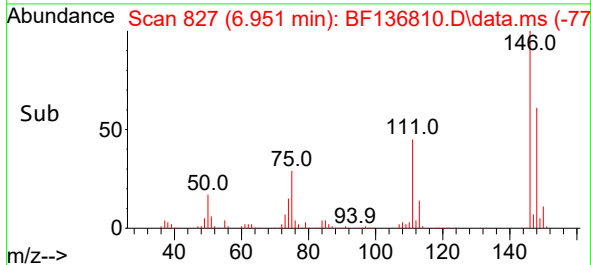
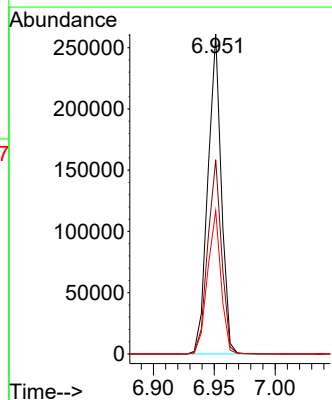
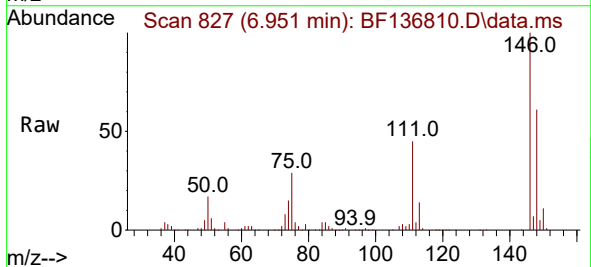
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

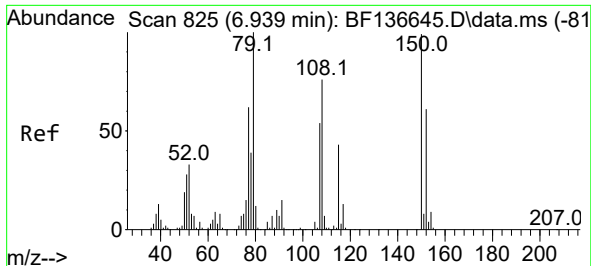
Tgt Ion:146 Resp: 214073  
Ion Ratio Lower Upper  
146 100  
148 61.2 49.2 73.8  
111 43.8 35.2 52.8



#14  
1,2-Dichlorobenzene  
Concen: 35.853 ng  
RT: 6.951 min Scan# 827  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:146 Resp: 199093  
Ion Ratio Lower Upper  
146 100  
148 60.7 49.6 74.4  
111 44.8 36.2 54.2

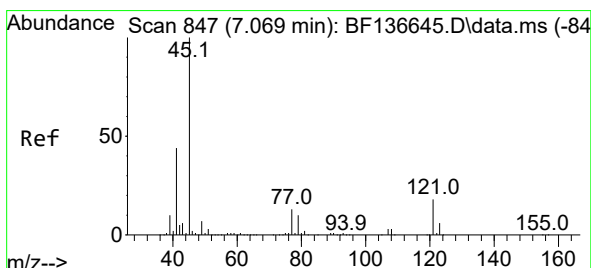
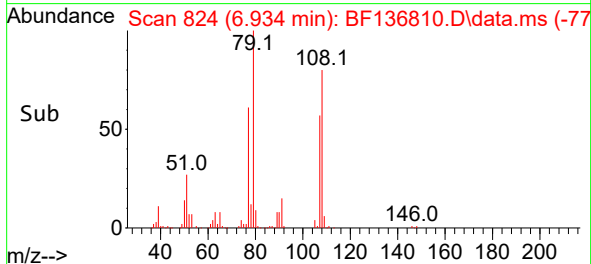
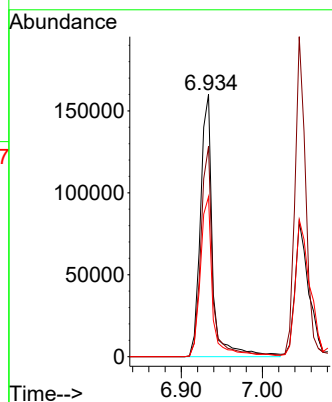
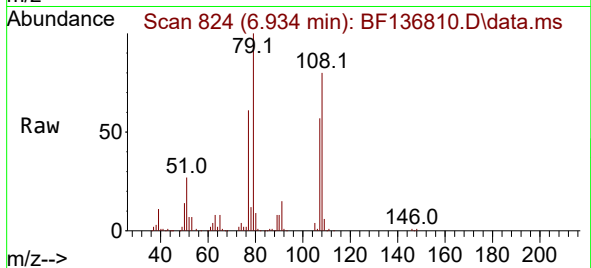




#15  
Benzyl Alcohol  
Concen: 38.949 ng  
RT: 6.934 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

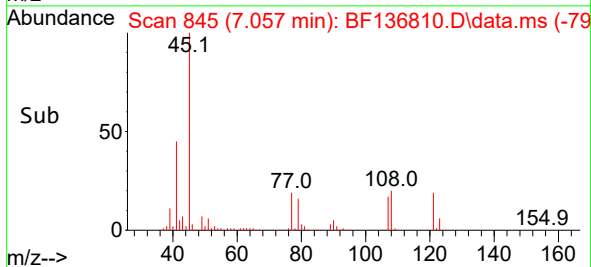
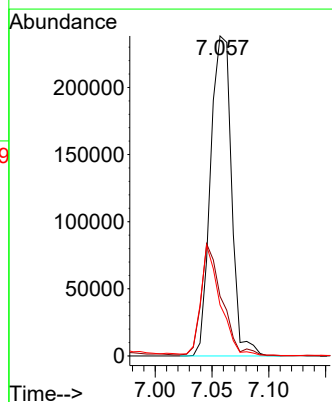
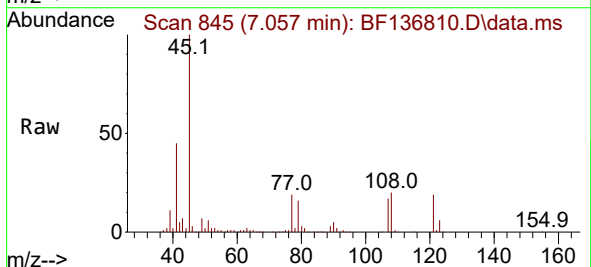
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

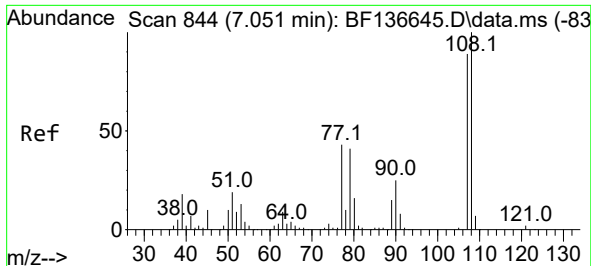
Tgt Ion: 79 Resp: 166574  
Ion Ratio Lower Upper  
79 100  
108 80.2 61.0 91.6  
77 61.0 49.8 74.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.314 ng  
RT: 7.057 min Scan# 845  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion: 45 Resp: 305543  
Ion Ratio Lower Upper  
45 100  
77 18.7 0.0 34.3  
79 15.9 0.0 31.4

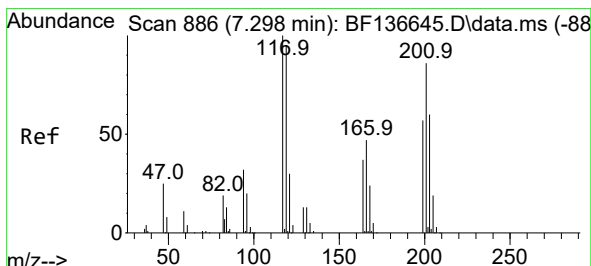
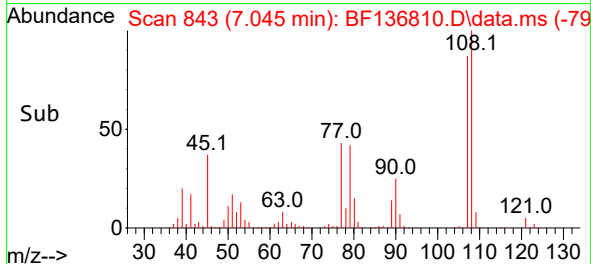
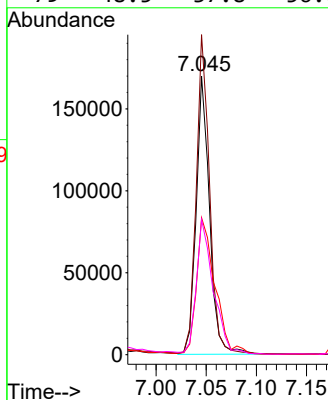
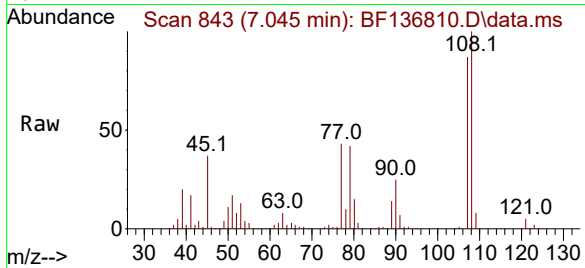




#17  
2-Methylphenol  
Concen: 35.540 ng  
RT: 7.045 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

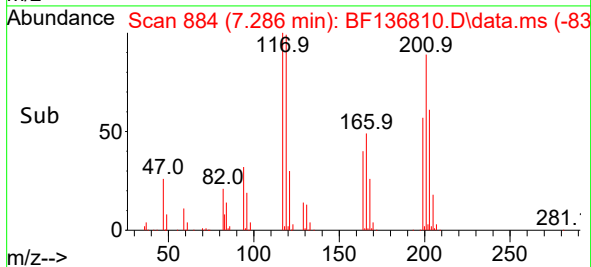
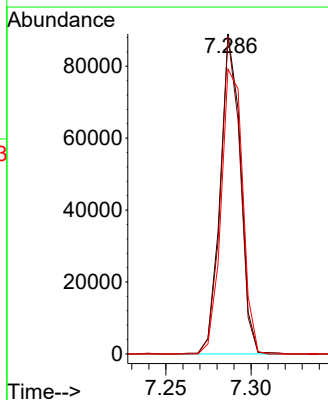
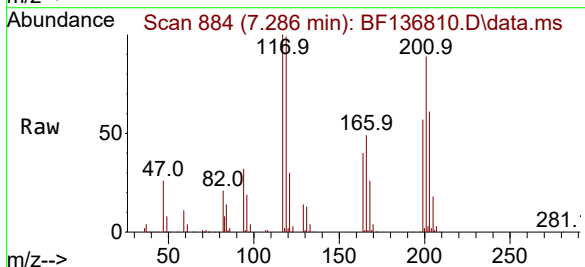
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

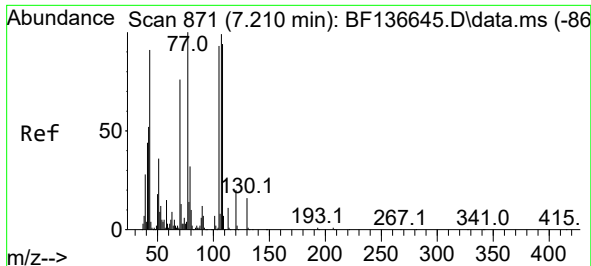
Tgt Ion:107 Resp: 157629  
Ion Ratio Lower Upper  
107 100  
108 114.9 90.3 135.5  
77 49.2 38.7 58.1  
79 48.5 37.8 56.6



#18  
Hexachloroethane  
Concen: 33.809 ng  
RT: 7.286 min Scan# 884  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:117 Resp: 73273  
Ion Ratio Lower Upper  
117 100  
119 99.4 75.8 113.6  
201 89.0 69.1 103.7



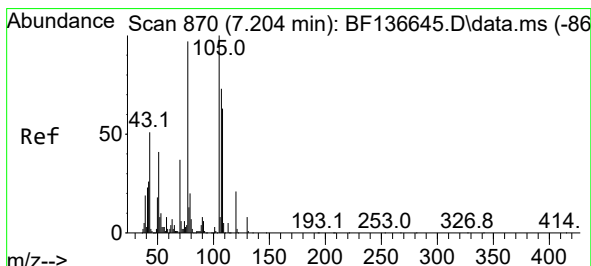
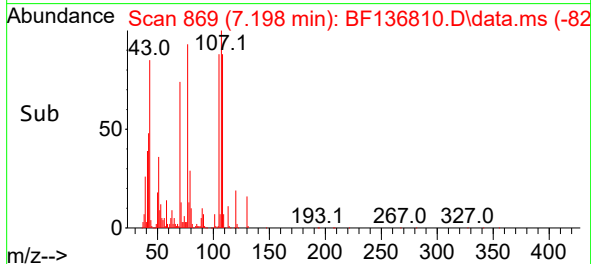
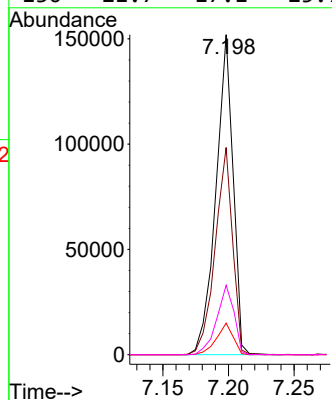
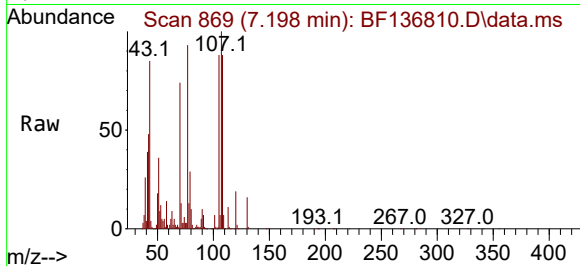


#19  
n-Nitroso-di-n-propylamine  
Concen: 35.950 ng  
RT: 7.198 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

Tgt Ion: 70 Resp: 138149

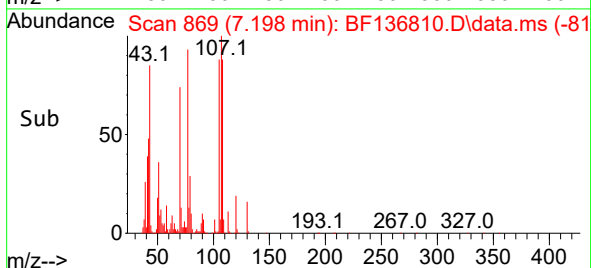
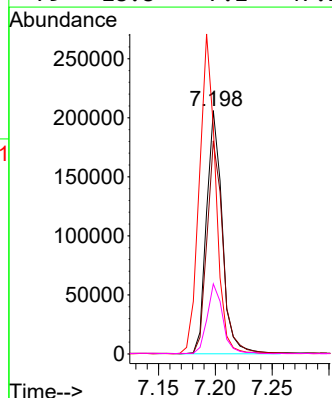
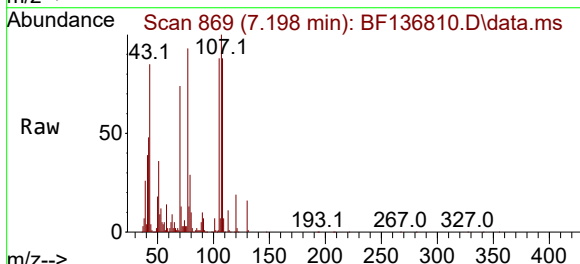
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 64.7  | 54.2  | 81.4  |
| 101 | 9.8   | 7.6   | 11.4  |
| 130 | 21.7  | 17.1  | 25.7  |

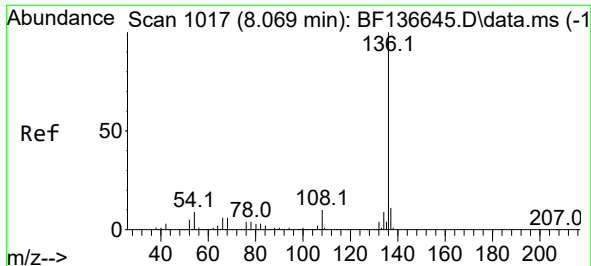


#20  
3+4-Methylphenols  
Concen: 35.721 ng  
RT: 7.198 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion: 107 Resp: 197933

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 87.5  | 66.0  | 106.0  |
| 77  | 93.4  | 114.2 | 154.2# |
| 79  | 28.8  | 7.2   | 47.2   |

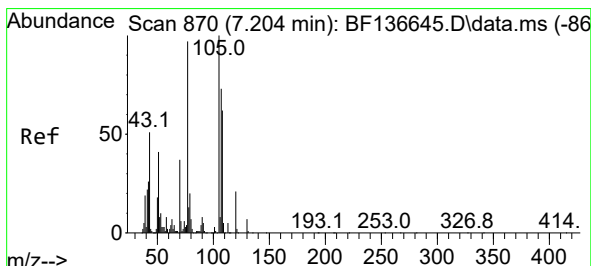
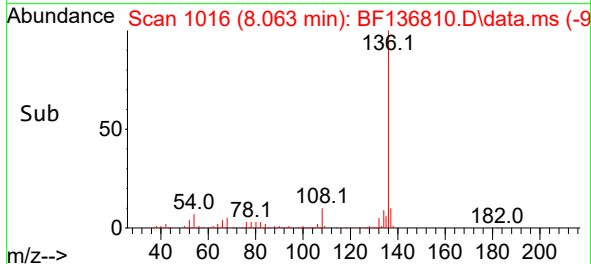
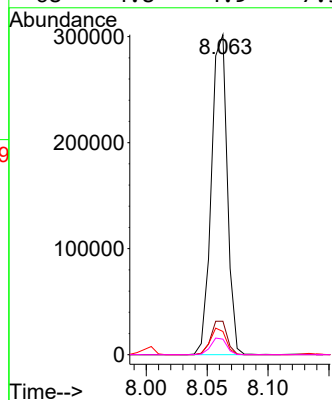
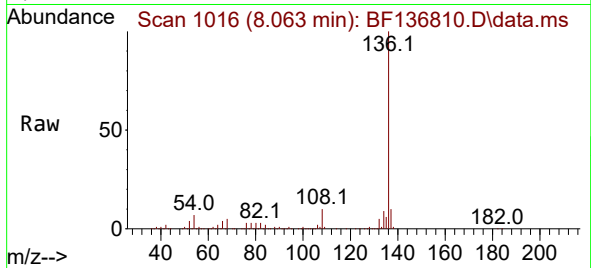




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

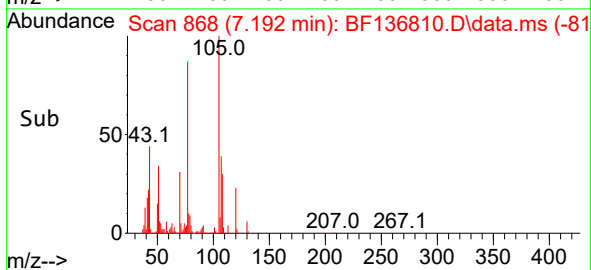
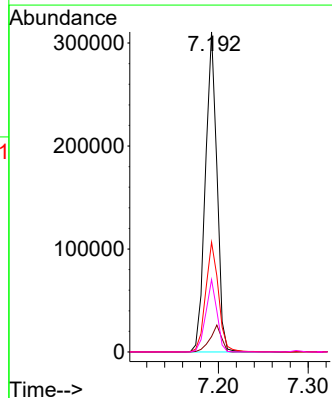
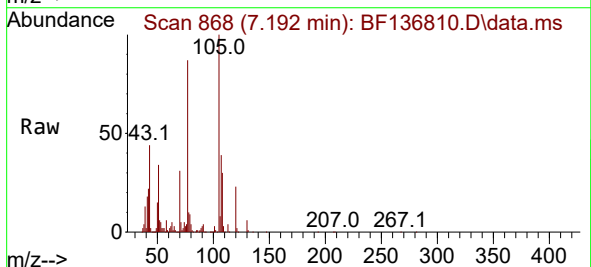
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

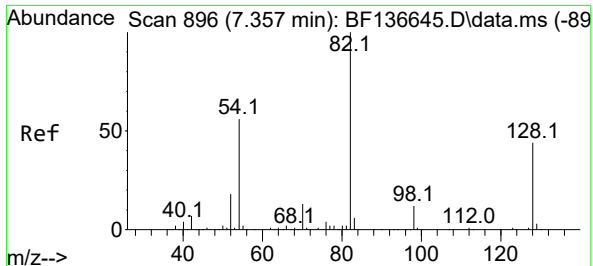
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 273362 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.4  | 9.0   | 13.4   |
| 54       | 7.3   | 7.2   | 10.8   |
| 68       | 4.8   | 4.9   | 7.3    |



#22  
Acetophenone  
Concen: 40.554 ng  
RT: 7.192 min Scan# 868  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 277867 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 4.8   | 4.8   | 7.2    |
| 51       | 34.3  | 32.8  | 49.2   |
| 120      | 22.6  | 17.0  | 25.6   |





#23

Nitrobenzene-d5

Concen: 58.741 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

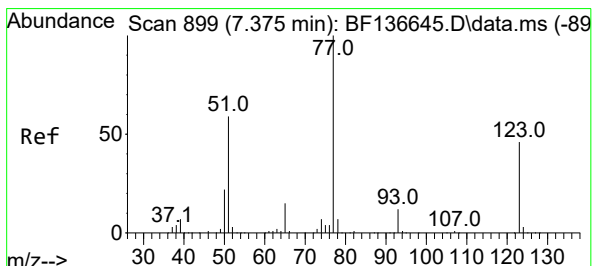
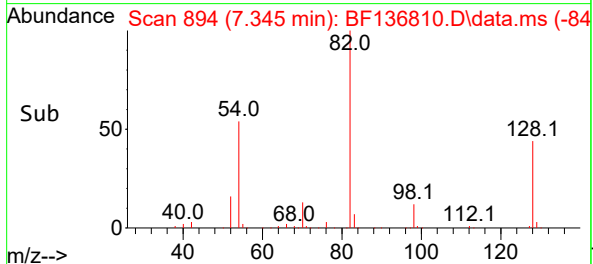
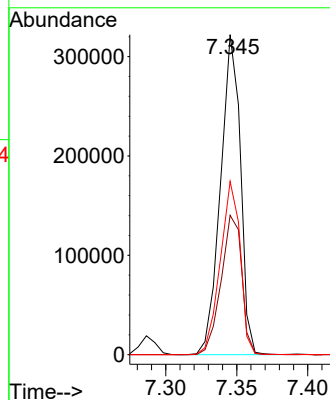
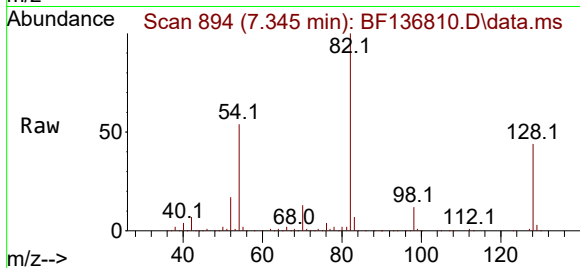
Tgt Ion: 82 Resp: 313803

Ion Ratio Lower Upper

82 100

128 43.6 35.3 52.9

54 54.2 44.5 66.7



#24

Nitrobenzene

Concen: 37.825 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

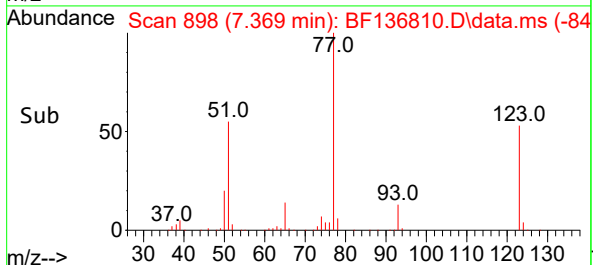
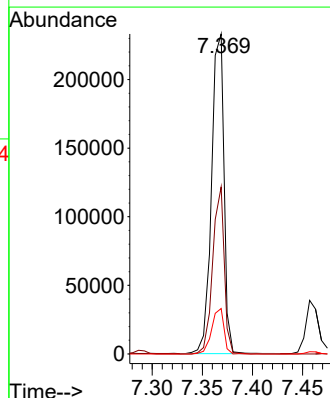
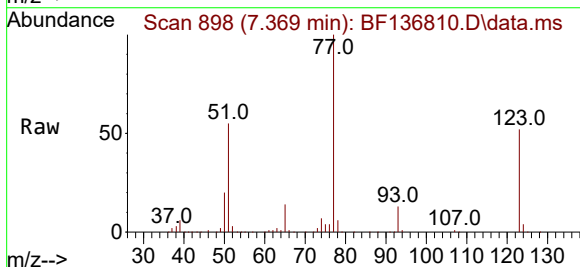
Tgt Ion: 77 Resp: 202418

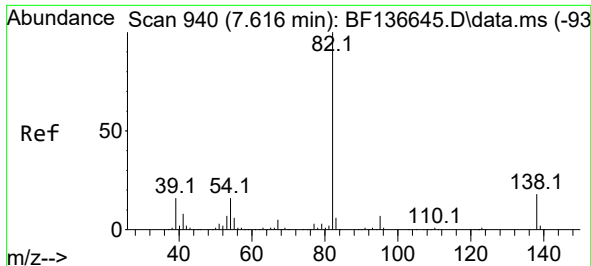
Ion Ratio Lower Upper

77 100

123 52.2 36.7 55.1

65 14.2 11.8 17.6

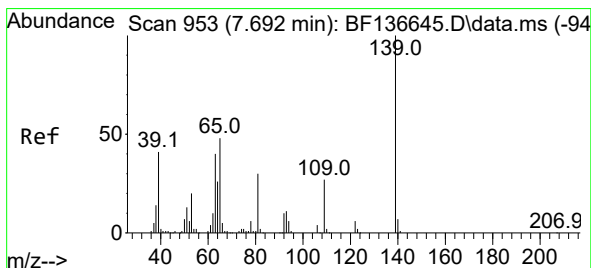
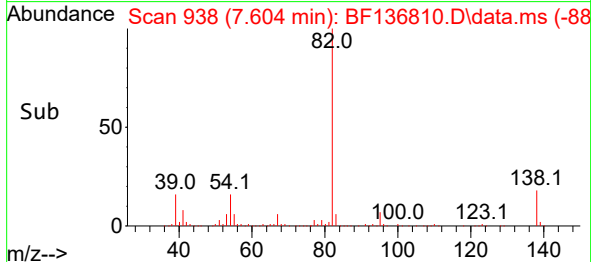
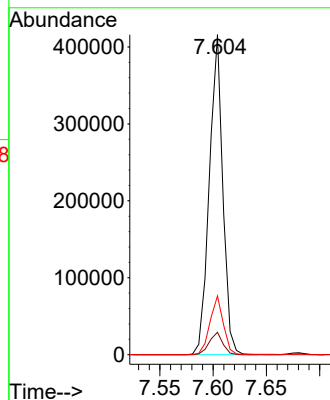
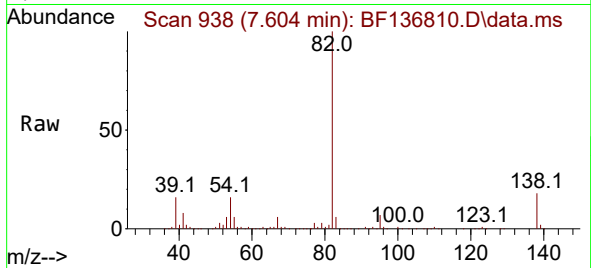




#25  
Isophorone  
Concen: 37.717 ng  
RT: 7.604 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

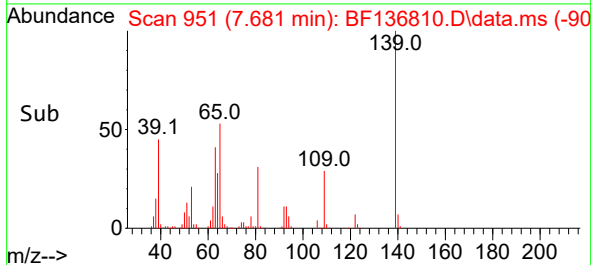
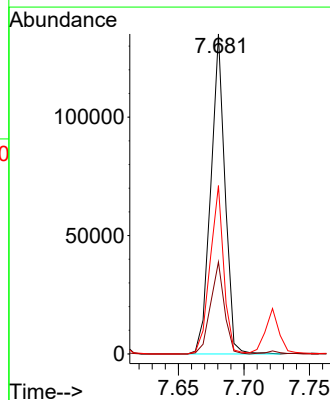
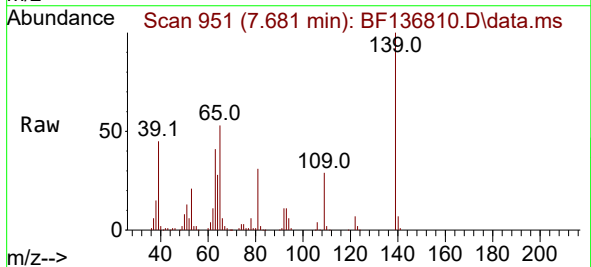
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

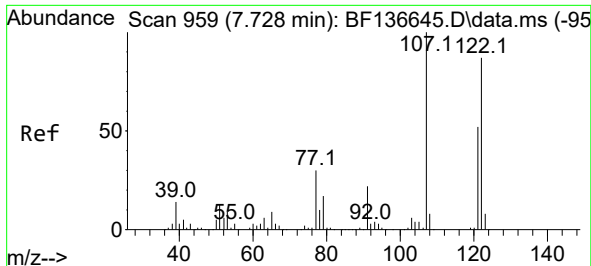
Tgt Ion: 82 Resp: 366626  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.5 8.3  
138 18.4 14.5 21.7



#26  
2-Nitrophenol  
Concen: 39.866 ng  
RT: 7.681 min Scan# 951  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:139 Resp: 102070  
Ion Ratio Lower Upper  
139 100  
109 28.7 21.9 32.9  
65 52.6 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 48.048 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

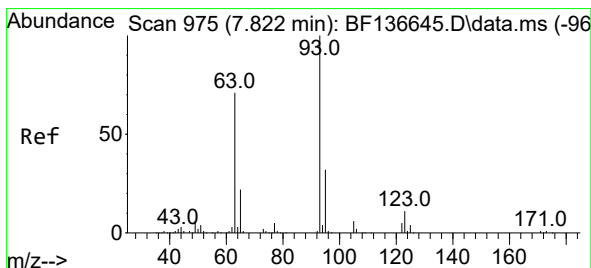
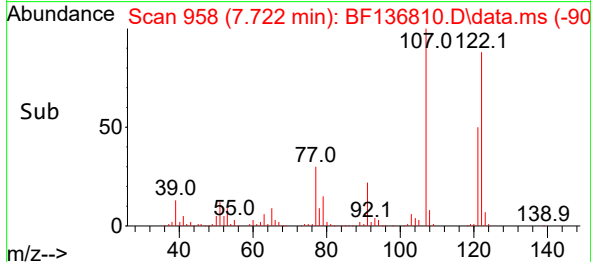
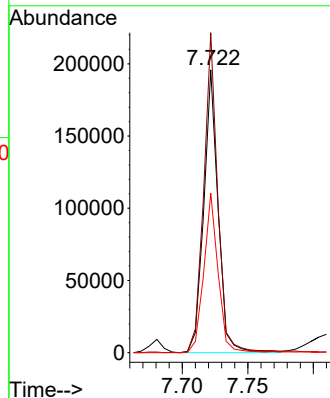
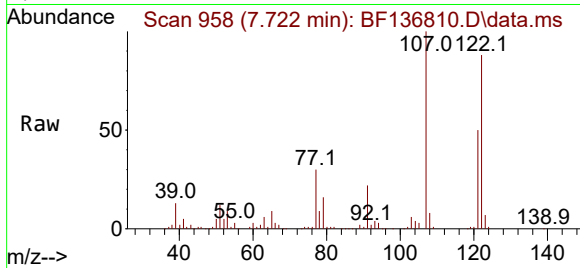
Tgt Ion:122 Resp: 149768

Ion Ratio Lower Upper

122 100

107 113.1 92.0 138.0

121 56.4 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 38.978 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

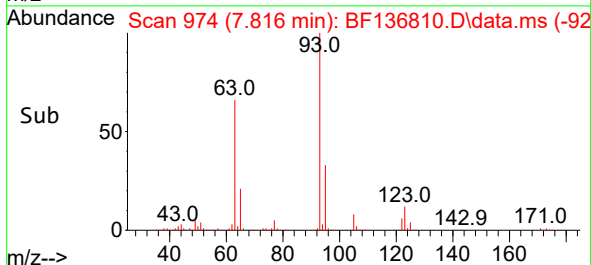
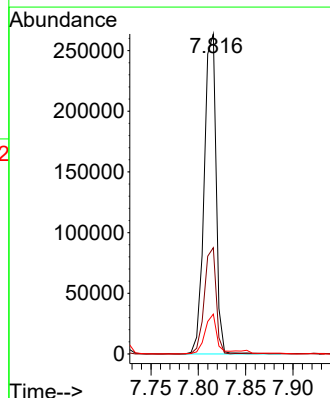
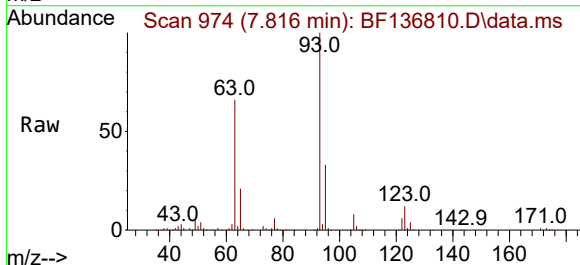
Tgt Ion: 93 Resp: 230306

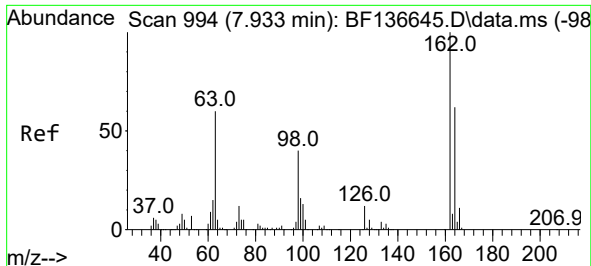
Ion Ratio Lower Upper

93 100

95 33.2 25.5 38.3

123 12.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 37.281 ng

RT: 7.928 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

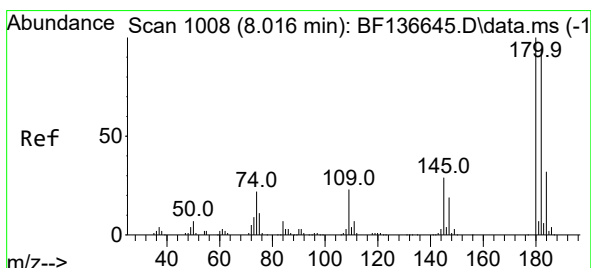
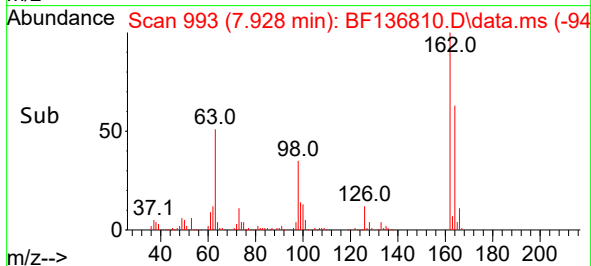
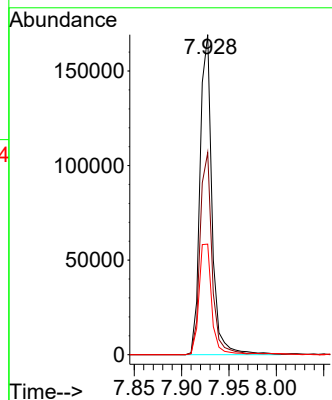
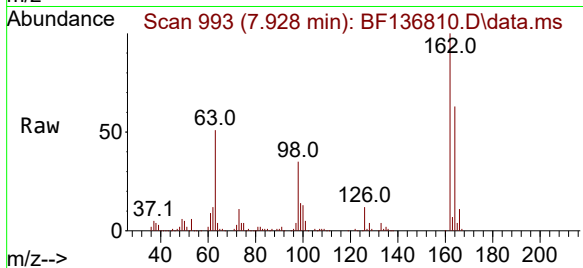
Tgt Ion:162 Resp: 149609

Ion Ratio Lower Upper

162 100

164 63.2 41.7 81.7

98 34.5 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 37.216 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

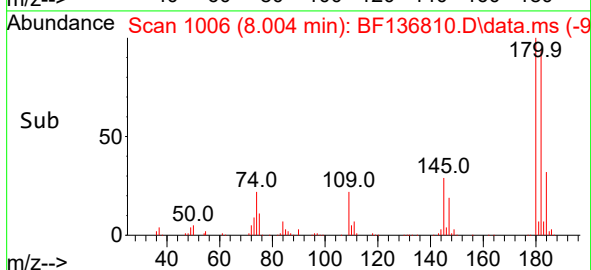
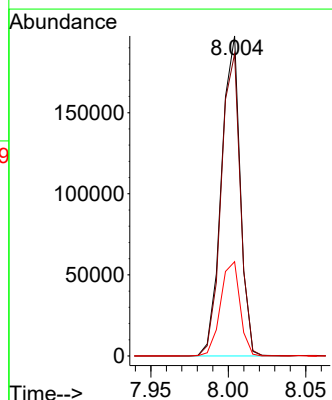
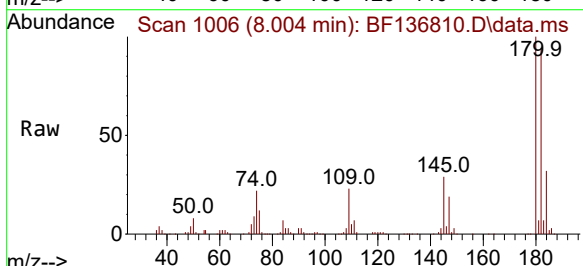
Tgt Ion:180 Resp: 166402

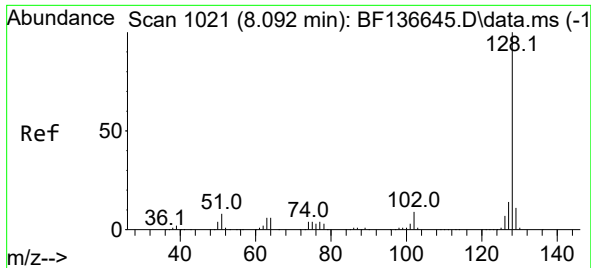
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.0

145 29.5 23.1 34.7

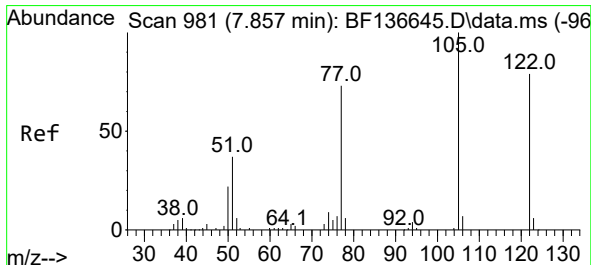
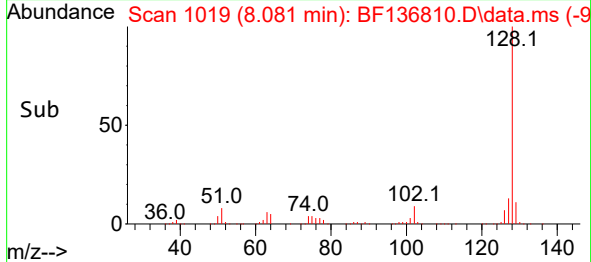
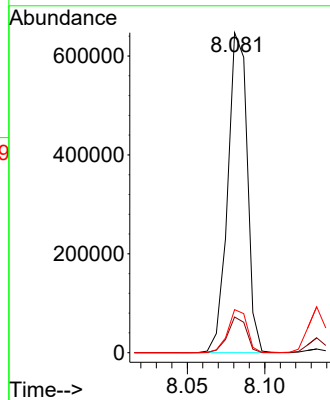
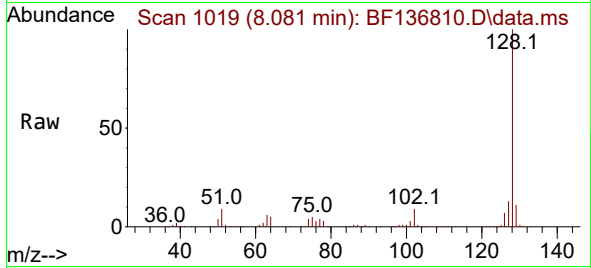




#31  
Naphthalene  
Concen: 37.673 ng  
RT: 8.081 min Scan# 10  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

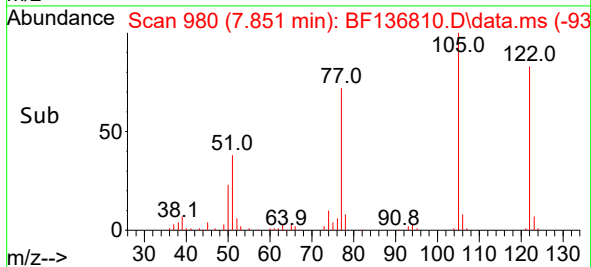
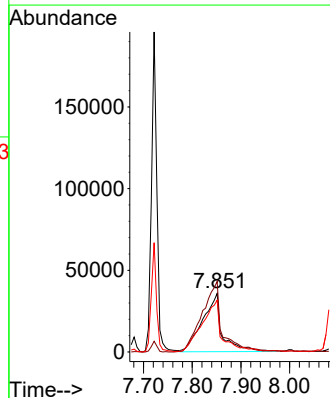
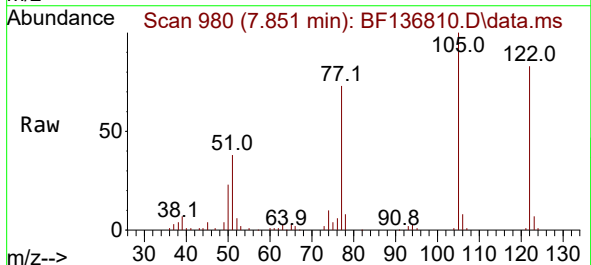
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

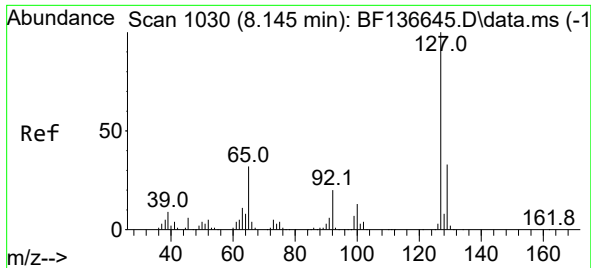
Tgt Ion:128 Resp: 565761  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 13.4 10.8 16.2



#32  
Benzoic acid  
Concen: 32.980 ng  
RT: 7.851 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:122 Resp: 99468  
Ion Ratio Lower Upper  
122 100  
105 120.3 100.8 140.8  
77 88.4 70.9 110.9

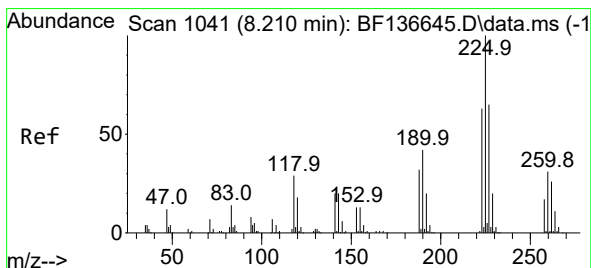
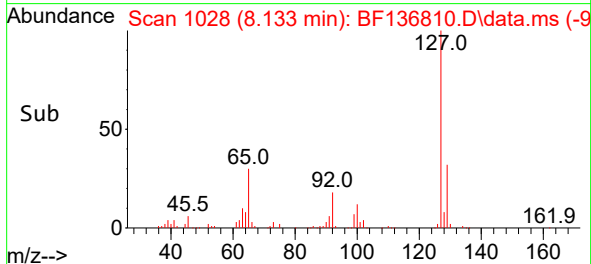
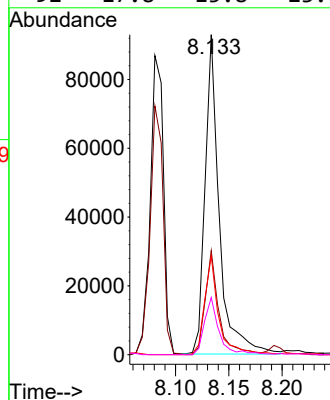
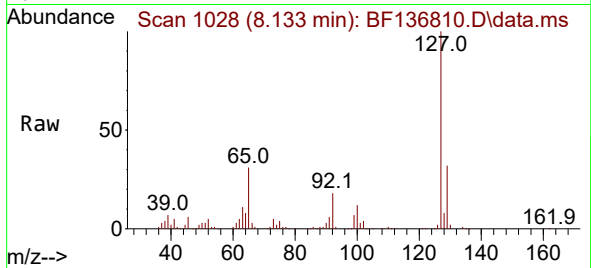




#33  
4-Chloroaniline  
Concen: 15.635 ng  
RT: 8.133 min Scan# 1028  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

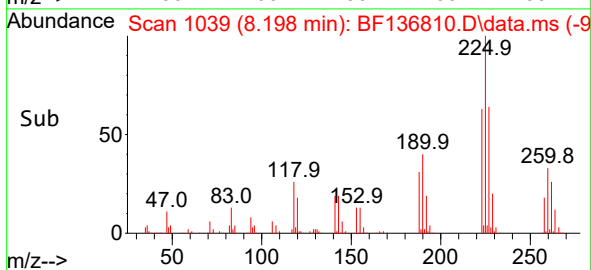
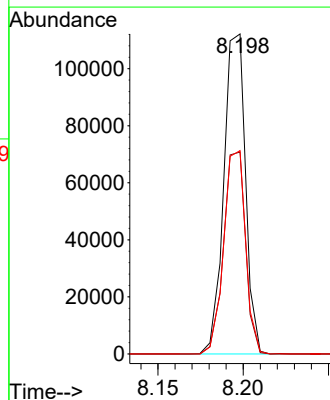
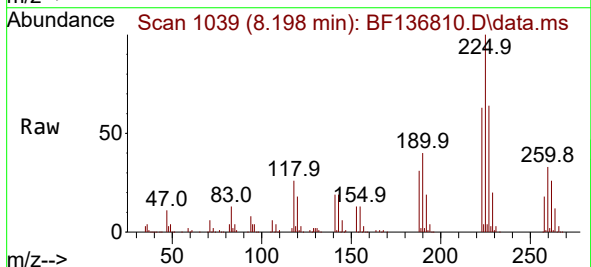
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

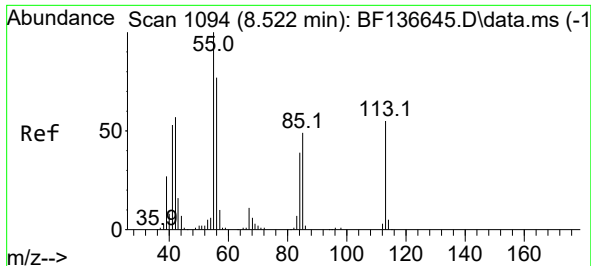
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:127 | Resp: | 86693       |
| Ion         | Ratio | Lower Upper |
| 127         | 100   |             |
| 129         | 32.5  | 26.3 39.5   |
| 65          | 30.9  | 25.8 38.8   |
| 92          | 17.8  | 15.8 23.6   |



#34  
Hexachlorobutadiene  
Concen: 36.613 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 99460       |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 63.1  | 50.6 76.0   |
| 227         | 63.6  | 51.9 77.9   |

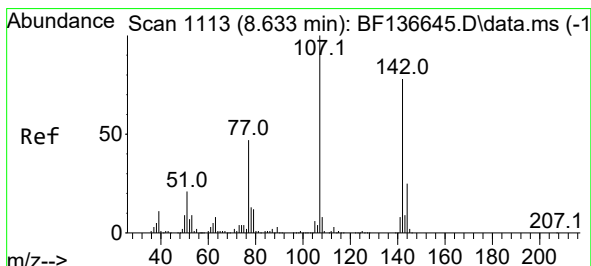
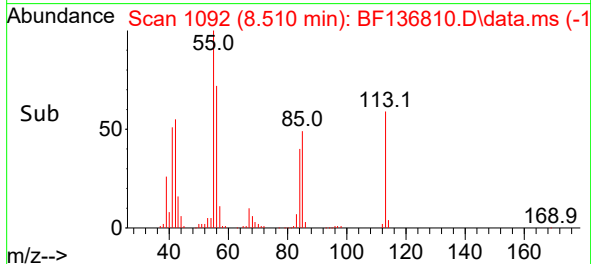
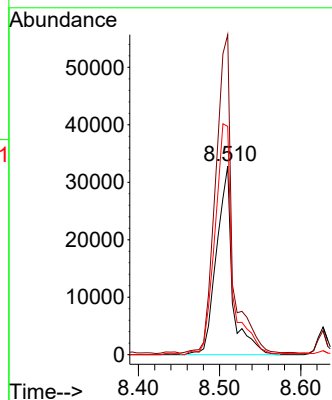
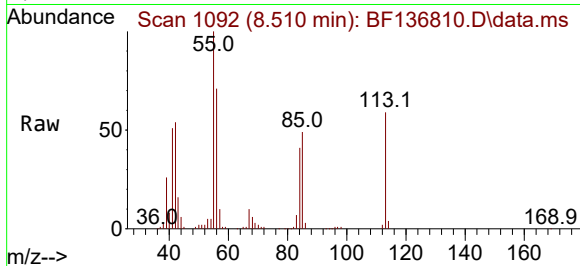




#35  
 Caprolactam  
 Concen: 34.082 ng  
 RT: 8.510 min Scan# 1092  
 Delta R.T. -0.012 min  
 Lab File: BF136810.D  
 Acq: 28 Dec 2023 23:55

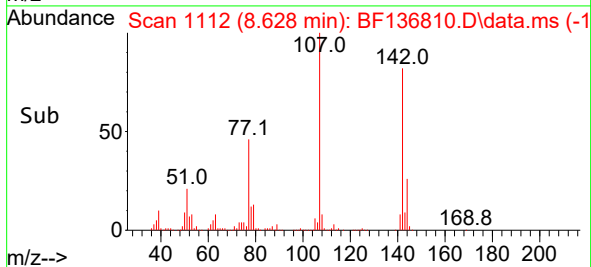
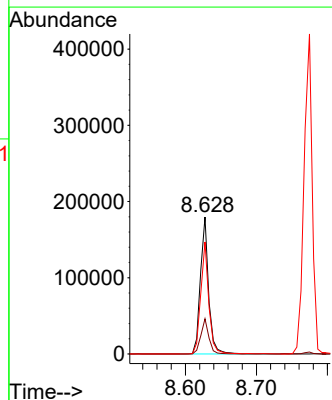
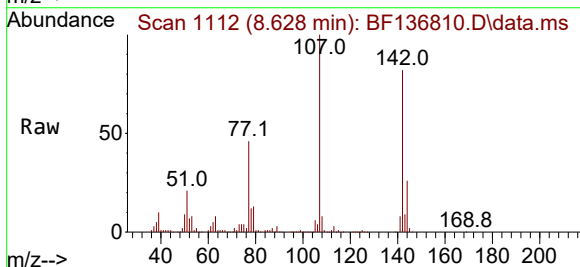
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-35MSD

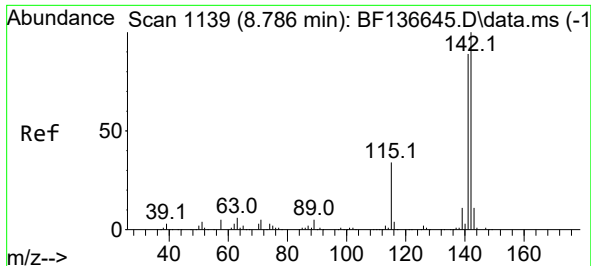
Tgt Ion:113 Resp: 45119  
 Ion Ratio Lower Upper  
 113 100  
 55 169.6 163.1 203.1  
 56 121.1 121.7 161.7#



#36  
 4-Chloro-3-methylphenol  
 Concen: 32.274 ng  
 RT: 8.628 min Scan# 1112  
 Delta R.T. -0.006 min  
 Lab File: BF136810.D  
 Acq: 28 Dec 2023 23:55

Tgt Ion:107 Resp: 145805  
 Ion Ratio Lower Upper  
 107 100  
 144 25.7 20.2 30.2  
 142 81.8 62.3 93.5

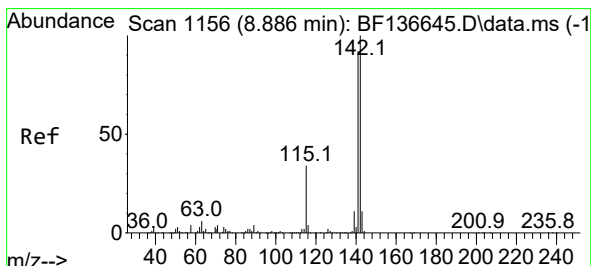
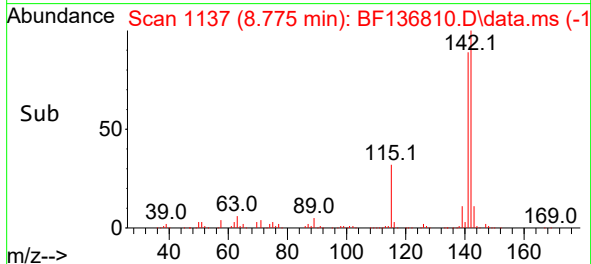
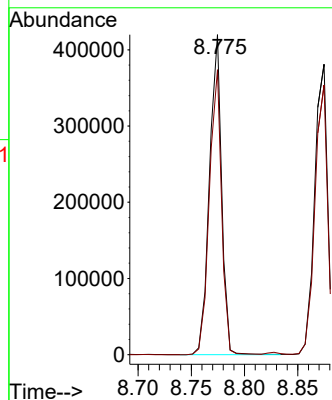
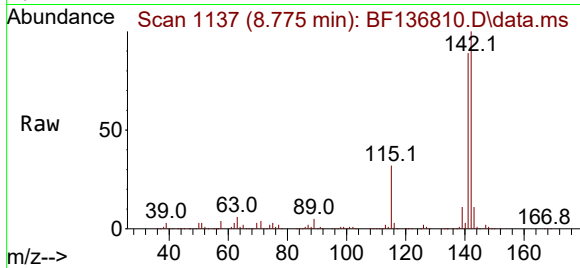




#37  
2-Methylnaphthalene  
Concen: 34.558 ng  
RT: 8.775 min Scan# 1137  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

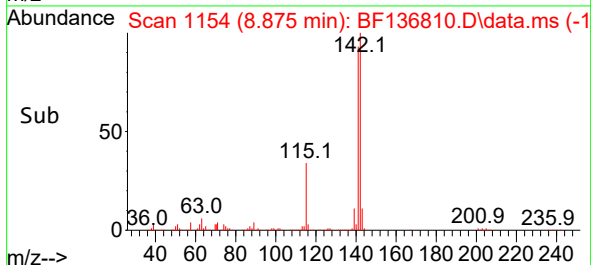
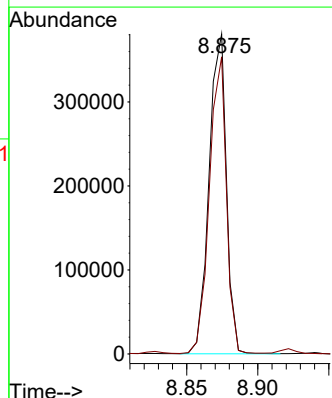
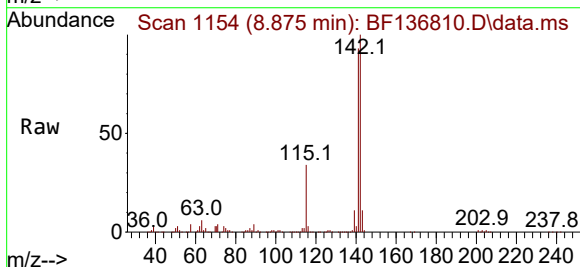
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

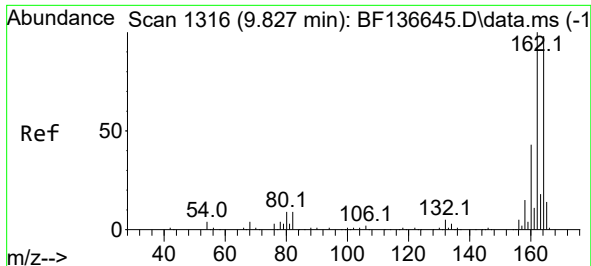
Tgt Ion:142 Resp: 334000  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.1 106.7



#38  
1-Methylnaphthalene  
Concen: 34.145 ng  
RT: 8.875 min Scan# 1154  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:142 Resp: 323765  
Ion Ratio Lower Upper  
142 100  
141 92.8 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1110

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

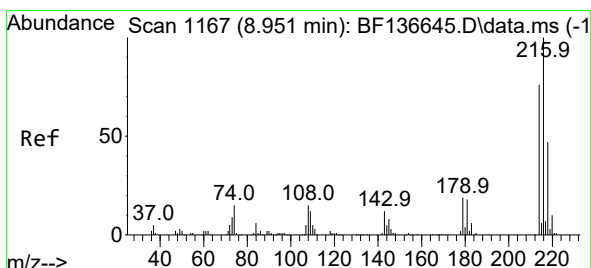
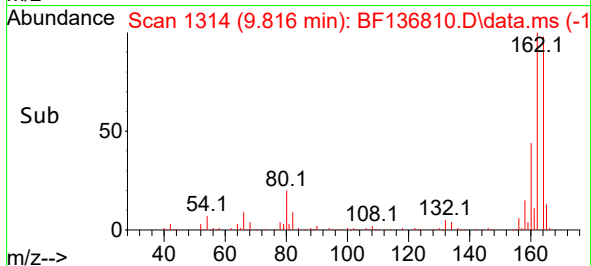
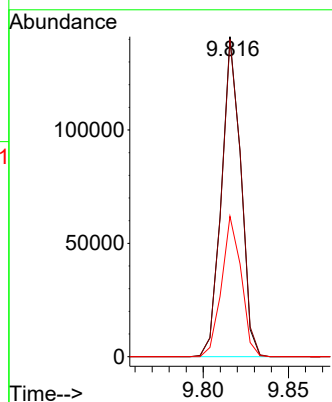
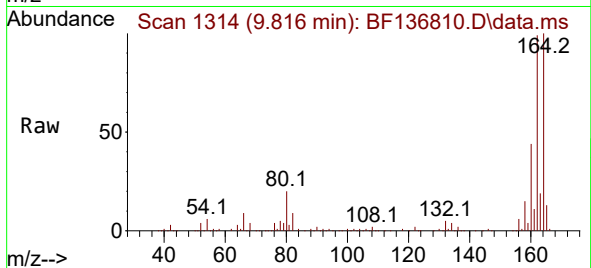
Tgt Ion:164 Resp: 111053

Ion Ratio Lower Upper

164 100

162 99.2 81.6 122.4

160 43.9 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.648 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Tgt Ion:216 Resp: 163873

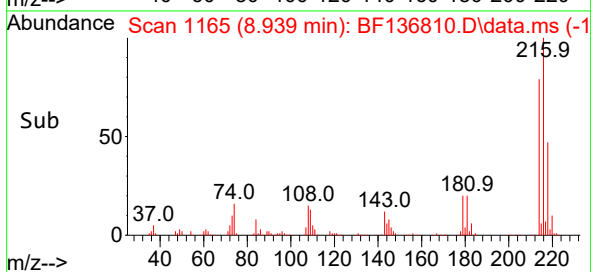
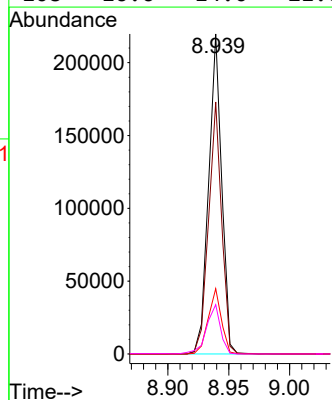
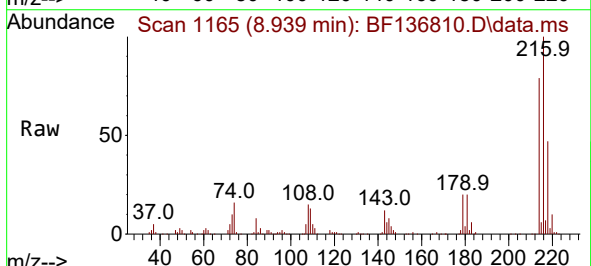
Ion Ratio Lower Upper

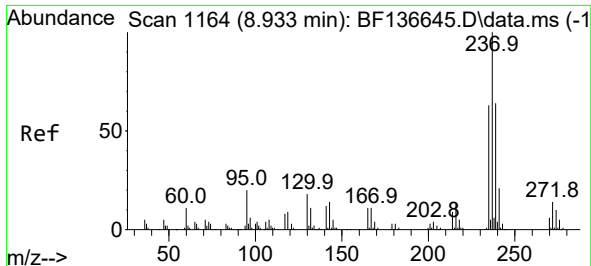
216 100

214 78.7 62.3 93.5

179 20.7 16.4 24.6

108 16.6 14.0 21.0

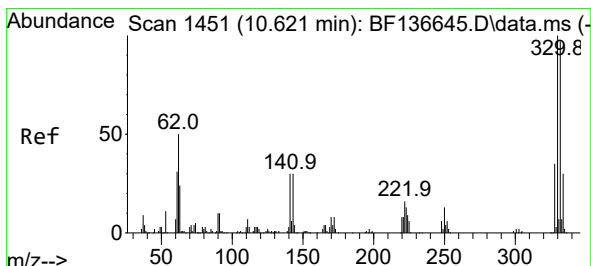
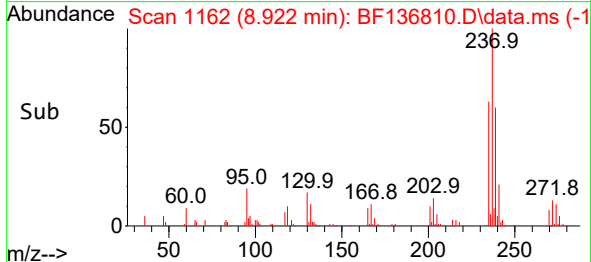
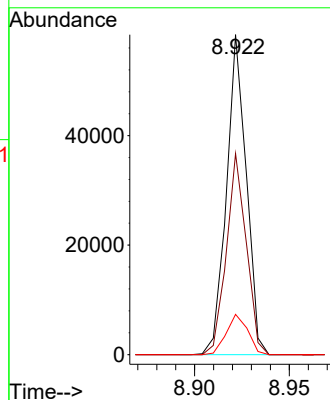
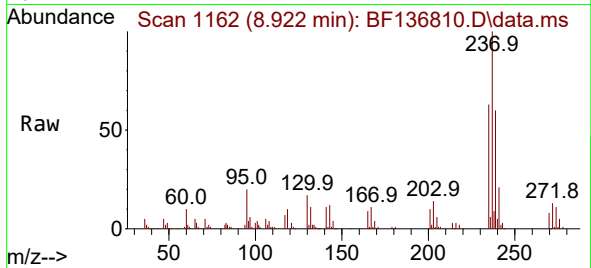




#41  
Hexachlorocyclopentadiene  
Concen: 41.302 ng  
RT: 8.922 min Scan# 1164  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

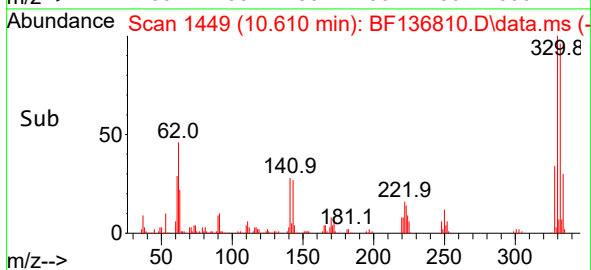
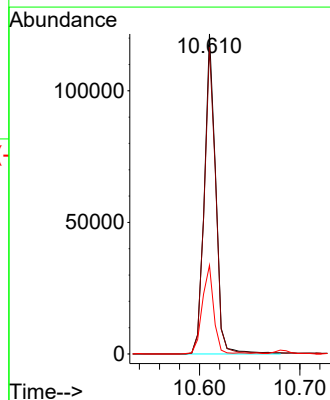
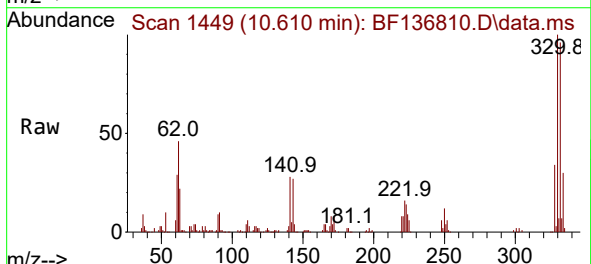
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

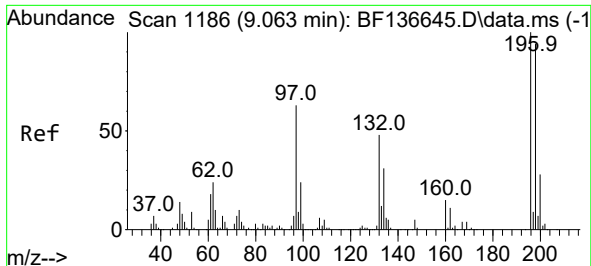
Tgt Ion:237 Resp: 42524  
Ion Ratio Lower Upper  
237 100  
235 62.8 43.2 83.2  
272 12.6 0.0 34.2



#42  
2,4,6-Tribromophenol  
Concen: 72.974 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:330 Resp: 95443  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.4 116.0  
141 28.6 23.4 35.2

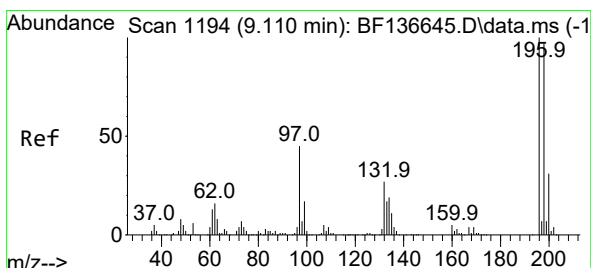
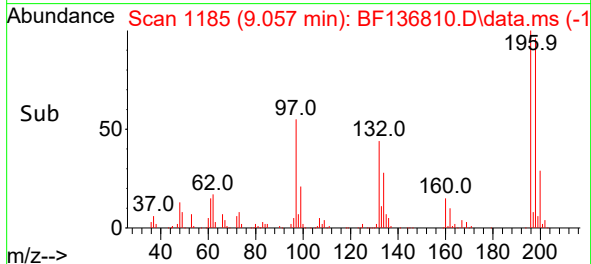
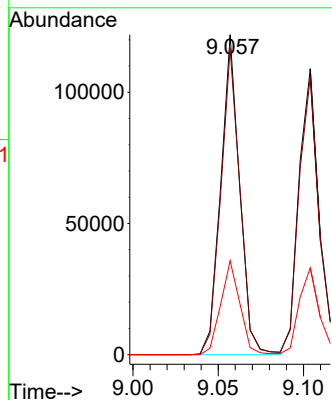
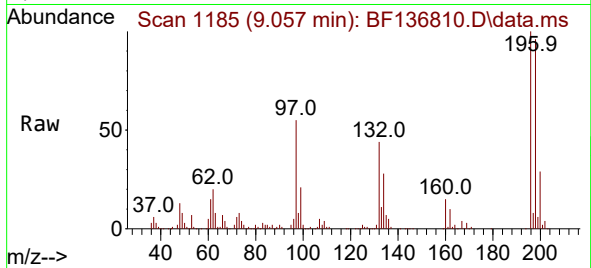




#43  
2,4,6-Trichlorophenol  
Concen: 42.783 ng  
RT: 9.057 min Scan# 1185  
Delta R.T. -0.006 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

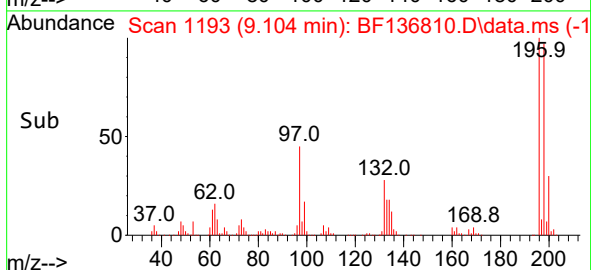
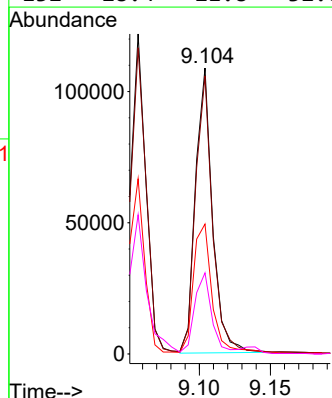
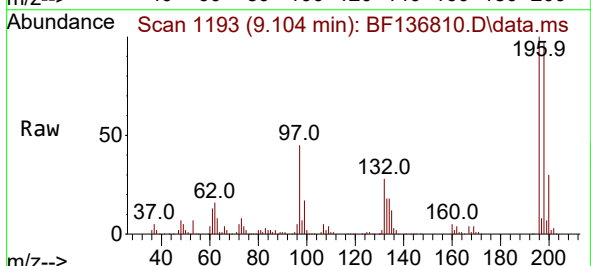
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

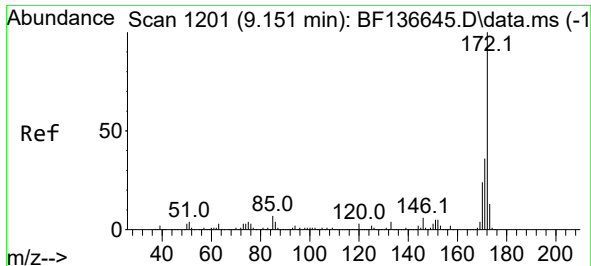
Tgt Ion:196 Resp: 94365  
Ion Ratio Lower Upper  
196 100  
198 95.7 75.1 112.7  
200 29.4 22.5 33.7



#44  
2,4,5-Trichlorophenol  
Concen: 36.970 ng  
RT: 9.104 min Scan# 1193  
Delta R.T. -0.006 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:196 Resp: 90869  
Ion Ratio Lower Upper  
196 100  
198 97.2 77.0 115.6  
97 45.4 36.1 54.1  
132 28.4 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 63.497 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

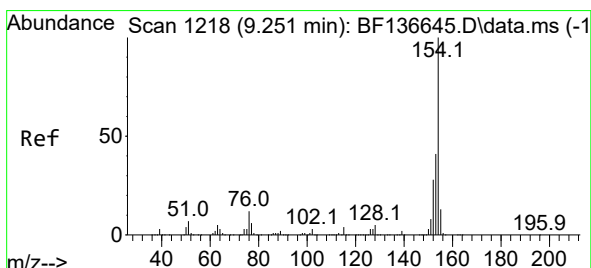
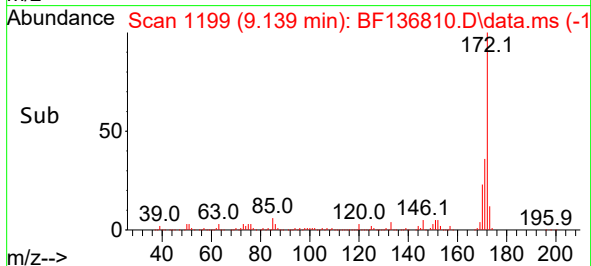
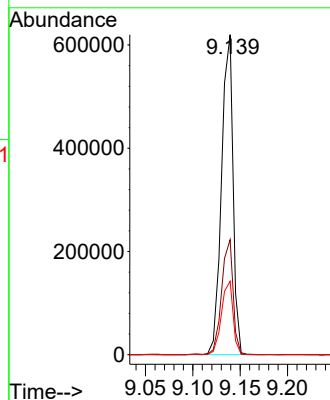
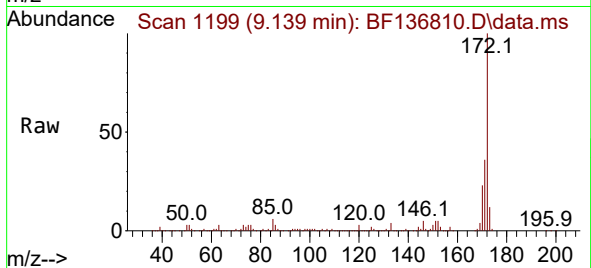
Tgt Ion:172 Resp: 524287

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 22.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 45.395 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

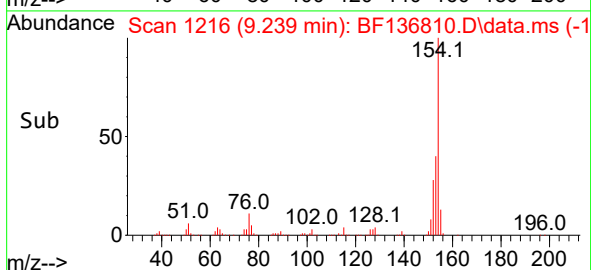
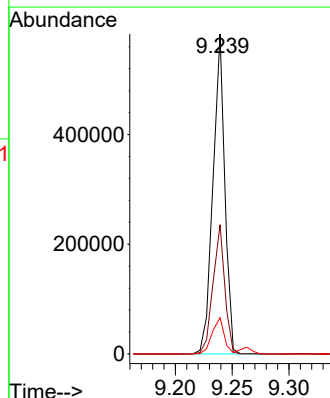
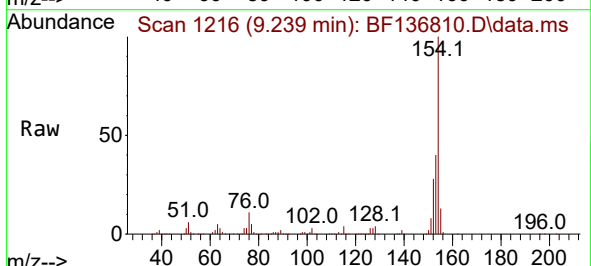
Tgt Ion:154 Resp: 423034

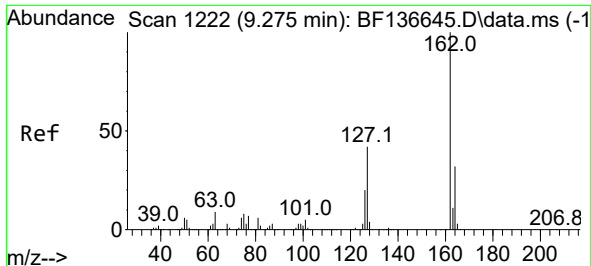
Ion Ratio Lower Upper

154 100

153 40.4 21.1 61.1

76 11.4 0.0 31.7

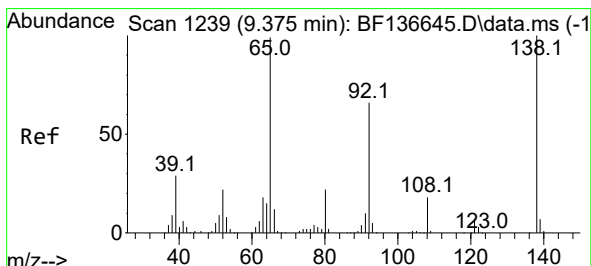
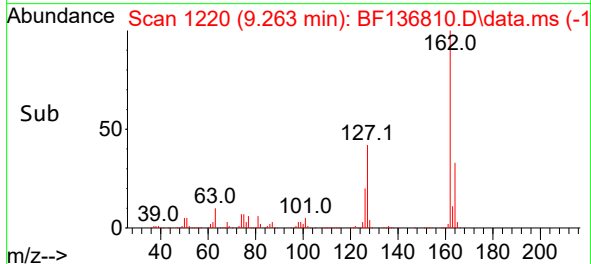
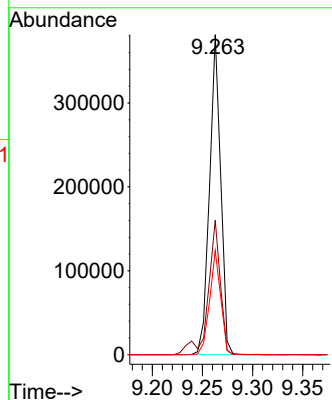
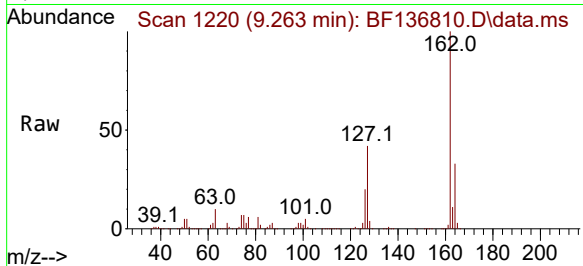




#47  
2-Chloronaphthalene  
Concen: 41.842 ng  
RT: 9.263 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

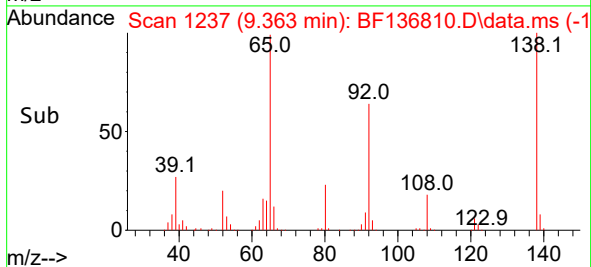
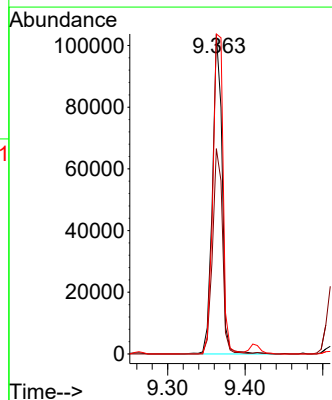
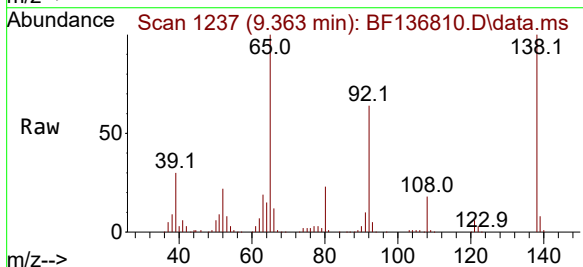
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

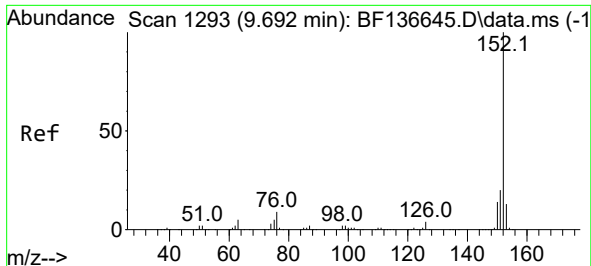
Tgt Ion:162 Resp: 296426  
Ion Ratio Lower Upper  
162 100  
127 42.0 33.6 50.4  
164 32.5 25.7 38.5



#48  
2-Nitroaniline  
Concen: 40.250 ng  
RT: 9.363 min Scan# 1237  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion: 65 Resp: 89294  
Ion Ratio Lower Upper  
65 100  
92 64.2 53.2 79.8  
138 100.1 81.1 121.7





#49

Acenaphthylene

Concen: 43.085 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

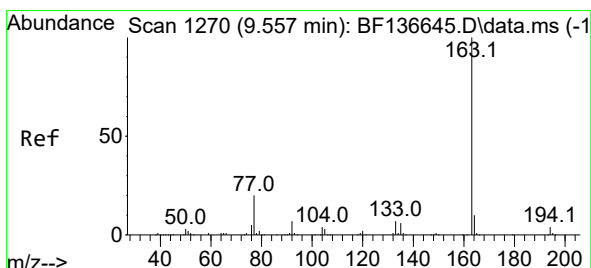
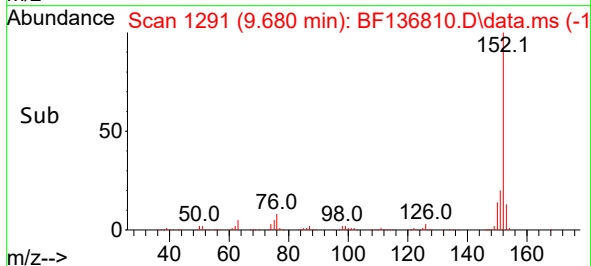
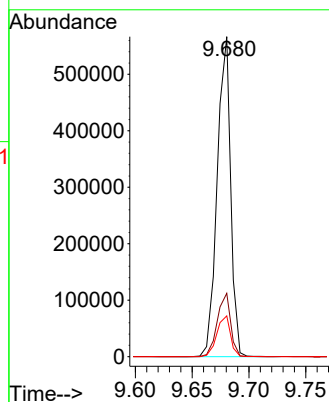
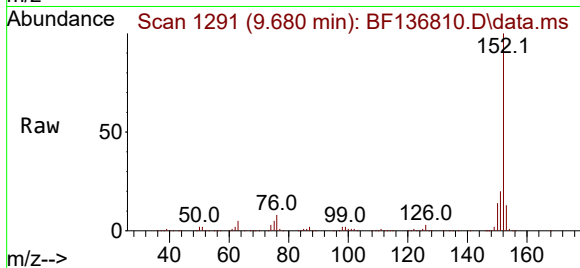
Tgt Ion:152 Resp: 466546

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

153 12.8 10.2 15.2



#50

Dimethylphthalate

Concen: 42.147 ng

RT: 9.539 min Scan# 1267

Delta R.T. -0.018 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

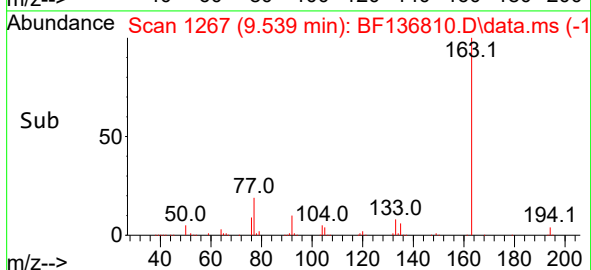
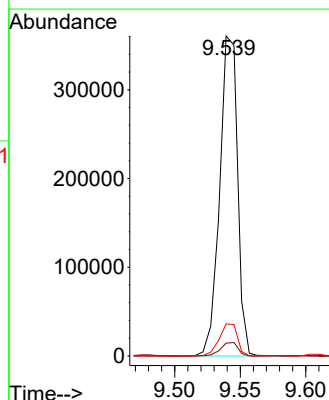
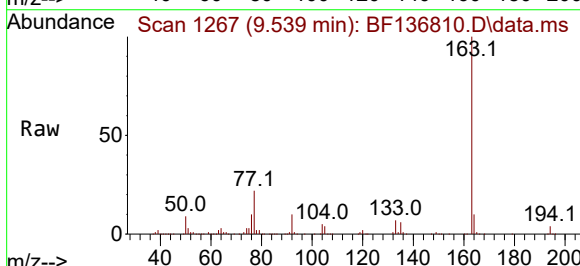
Tgt Ion:163 Resp: 341880

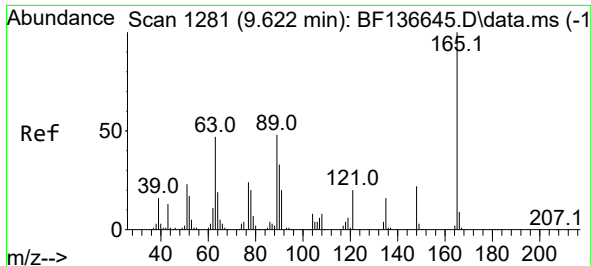
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 7.8 11.6

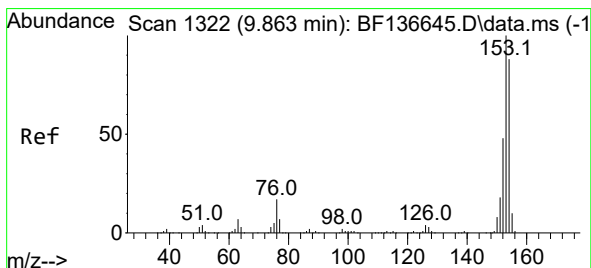
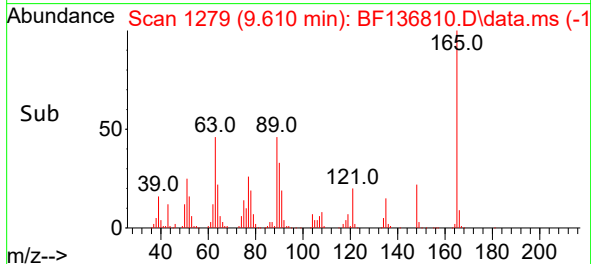
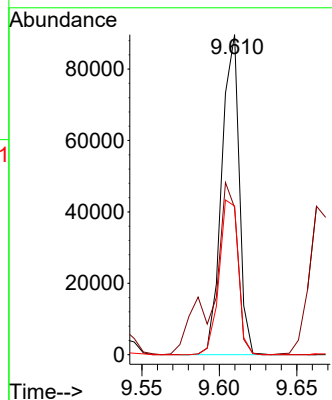
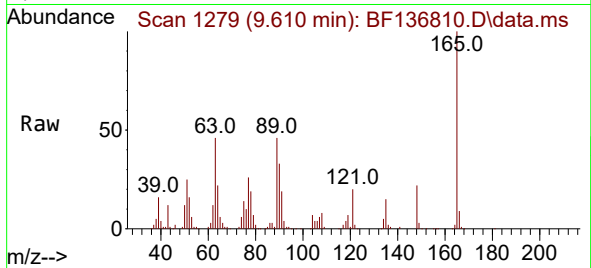




#51  
2,6-Dinitrotoluene  
Concen: 38.162 ng  
RT: 9.610 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

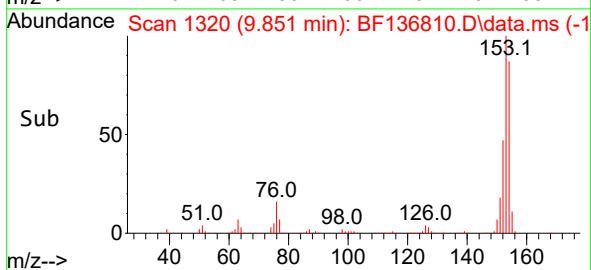
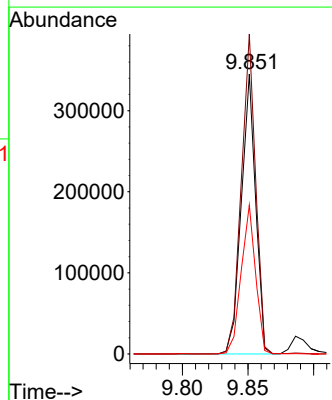
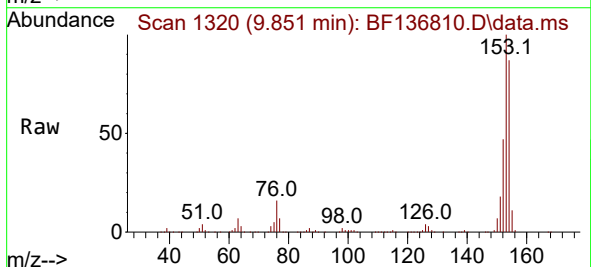
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

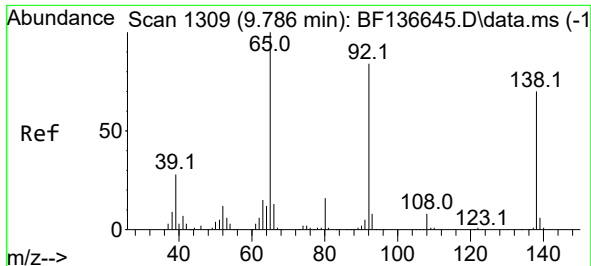
Tgt Ion:165 Resp: 70254  
Ion Ratio Lower Upper  
165 100  
63 46.0 39.8 59.6  
89 46.4 38.8 58.2



#52  
Acenaphthene  
Concen: 39.388 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:154 Resp: 264386  
Ion Ratio Lower Upper  
154 100  
153 114.3 90.7 136.1  
152 53.2 43.7 65.5

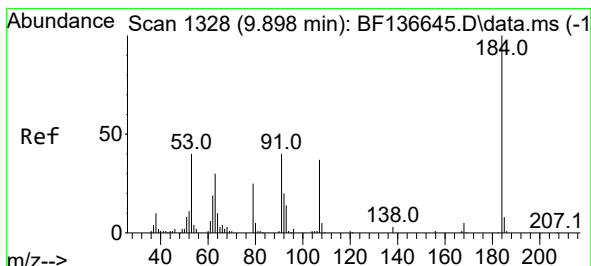
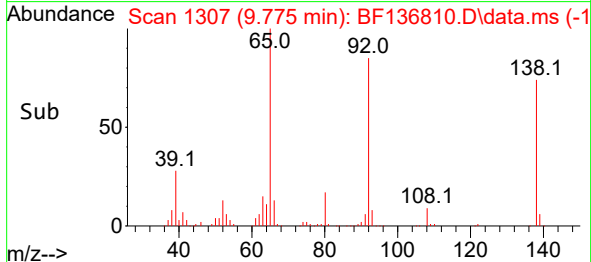
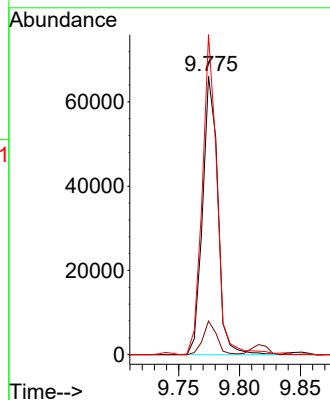
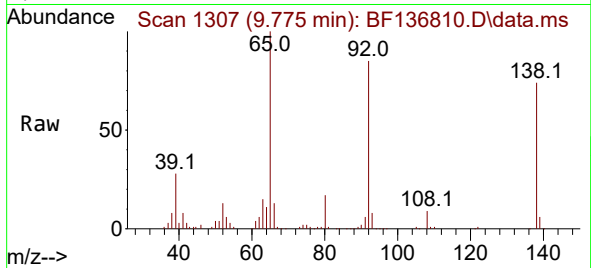




#53  
3-Nitroaniline  
Concen: 29.393 ng  
RT: 9.775 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

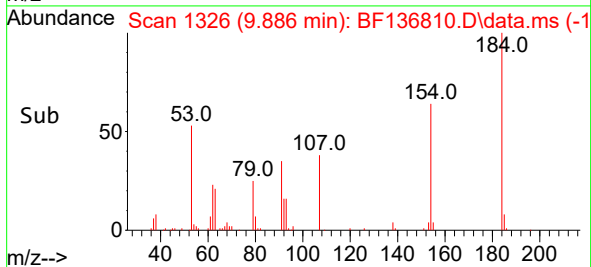
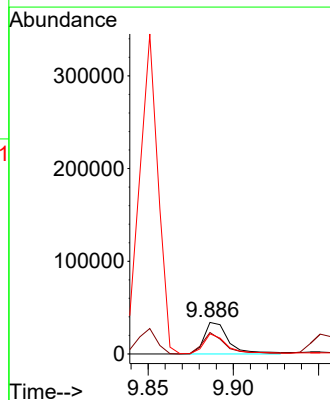
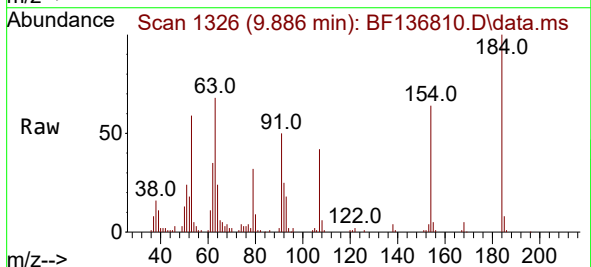
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

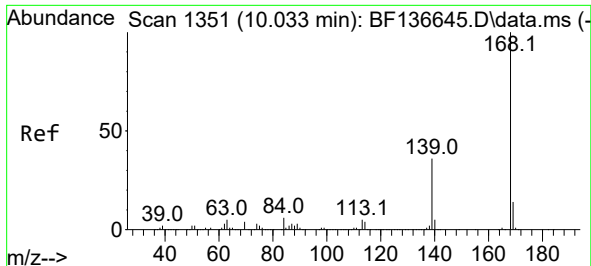
Tgt Ion:138 Resp: 57321  
Ion Ratio Lower Upper  
138 100  
108 12.1 8.6 12.8  
92 114.9 95.2 142.8



#54  
2,4-Dinitrophenol  
Concen: 35.778 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:184 Resp: 34294  
Ion Ratio Lower Upper  
184 100  
63 68.1 40.9 61.3#  
154 64.2 42.7 64.1#

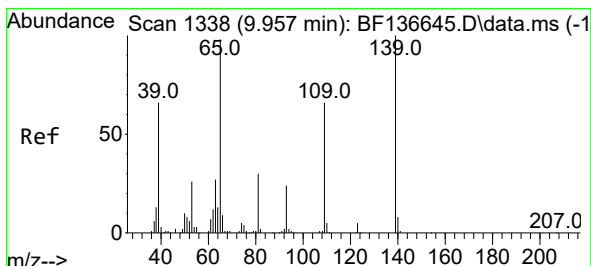
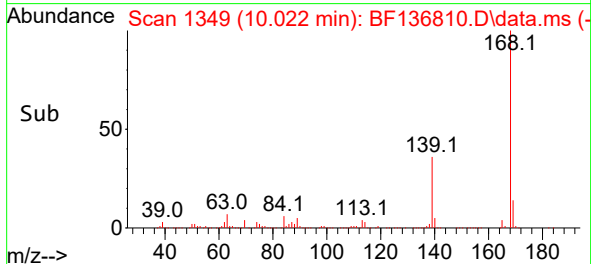
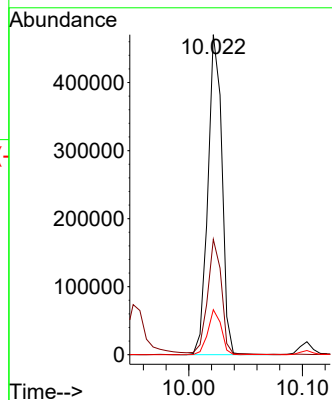
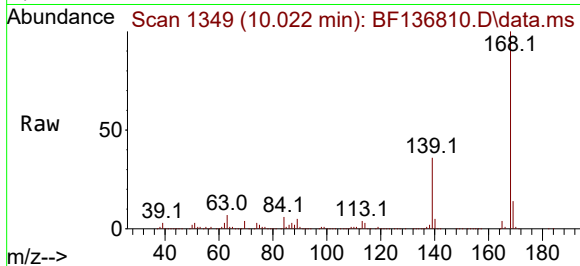




#55  
Dibenzenofuran  
Concen: 39.388 ng  
RT: 10.022 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

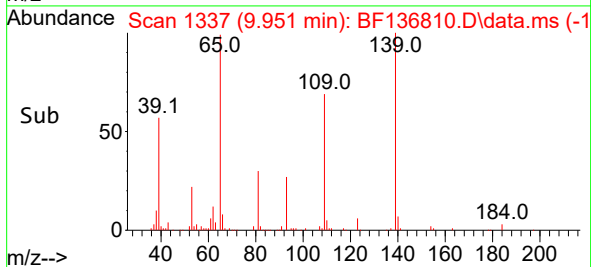
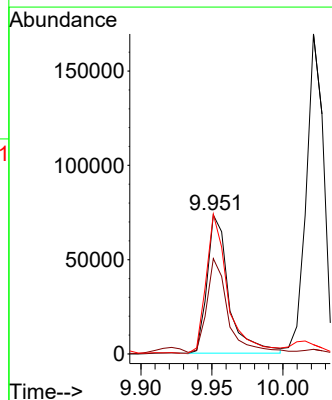
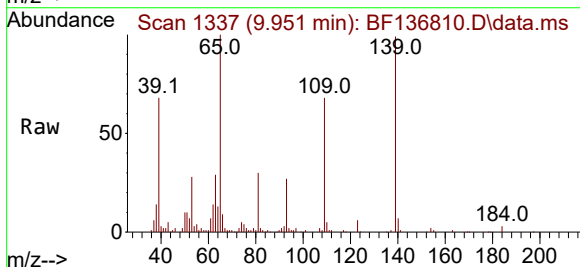
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

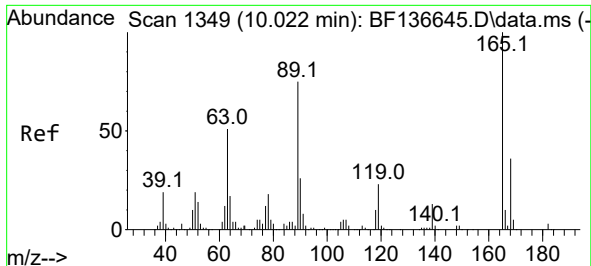
Tgt Ion:168 Resp: 400779  
Ion Ratio Lower Upper  
168 100  
139 36.1 29.3 43.9  
169 14.1 11.0 16.4



#56  
4-Nitrophenol  
Concen: 59.357 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:139 Resp: 78141  
Ion Ratio Lower Upper  
139 100  
109 68.6 45.8 85.8  
65 100.6 77.8 117.8

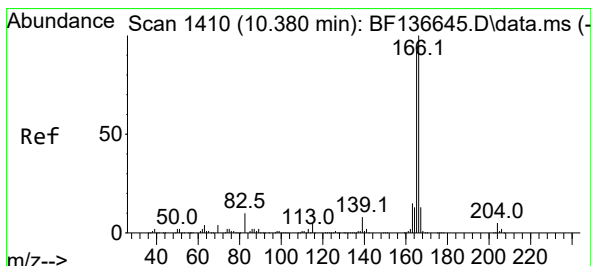
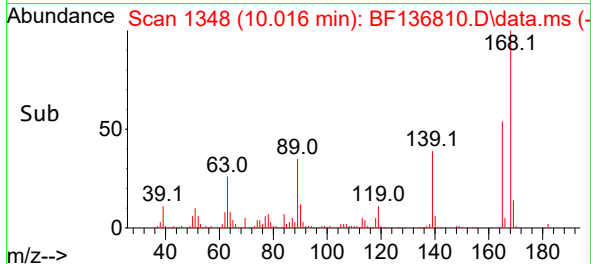
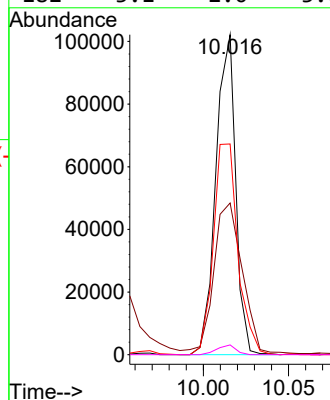
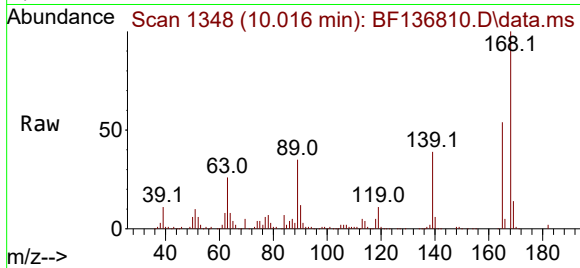




#57  
2,4-Dinitrotoluene  
Concen: 34.533 ng  
RT: 10.016 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

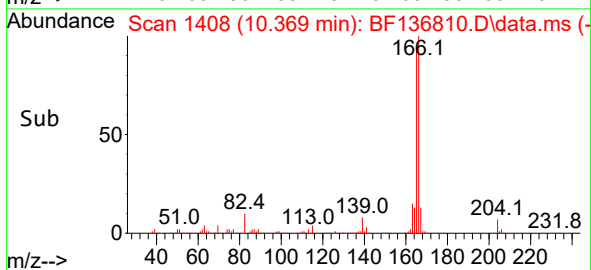
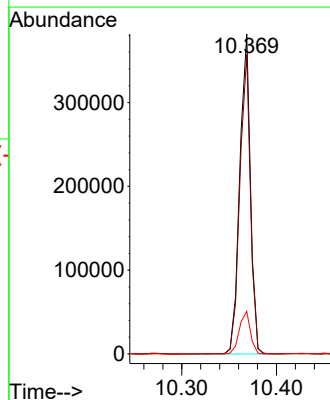
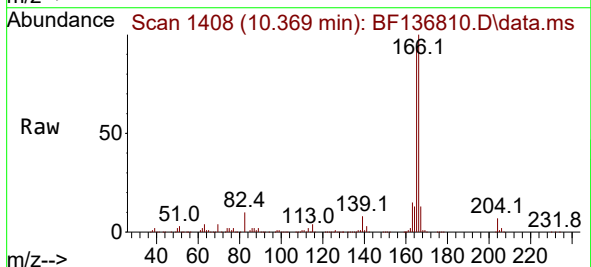
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

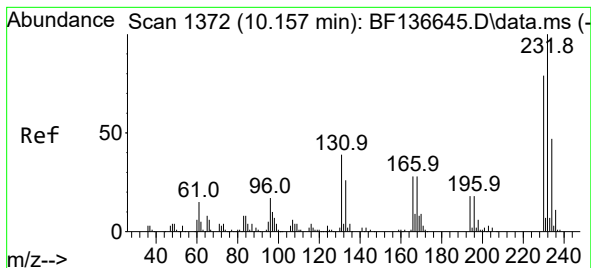
Tgt Ion:165 Resp: 82531  
Ion Ratio Lower Upper  
165 100  
63 47.4 41.0 61.6  
89 65.9 59.9 89.9  
182 3.1 2.0 3.0#



#58  
Fluorene  
Concen: 37.017 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:166 Resp: 298855  
Ion Ratio Lower Upper  
166 100  
165 93.6 73.7 110.5  
167 13.3 10.4 15.6

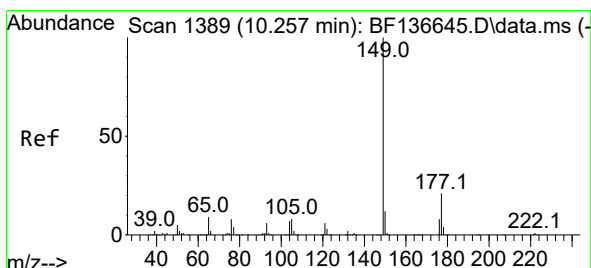
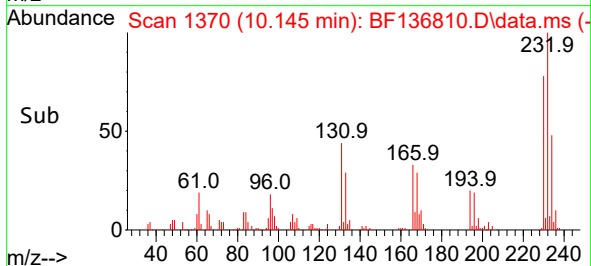
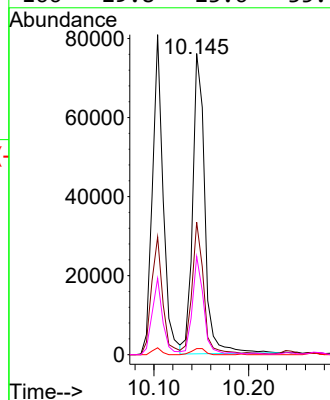
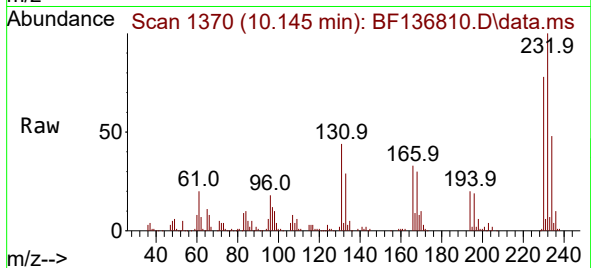




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 35.949 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

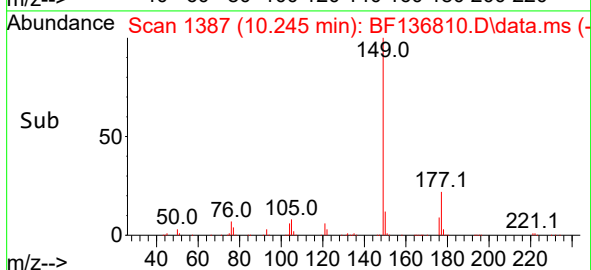
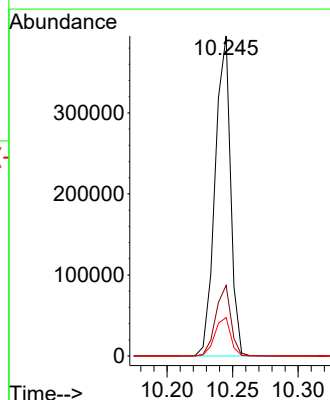
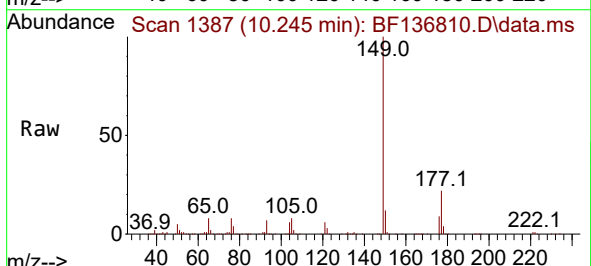
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

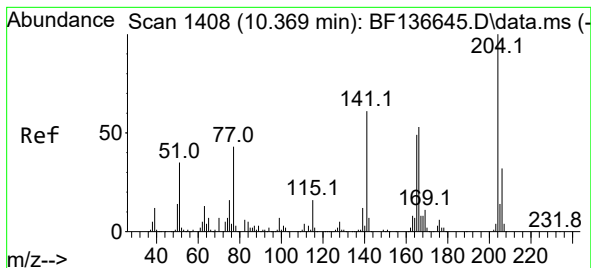
Tgt Ion:232 Resp: 68017  
Ion Ratio Lower Upper  
232 100  
131 42.5 35.1 52.7  
130 2.3 1.6 2.4  
166 29.8 23.6 35.4



#60  
Diethylphthalate  
Concen: 38.429 ng  
RT: 10.245 min Scan# 1387  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:149 Resp: 323426  
Ion Ratio Lower Upper  
149 100  
177 22.1 16.9 25.3  
150 12.0 9.3 13.9

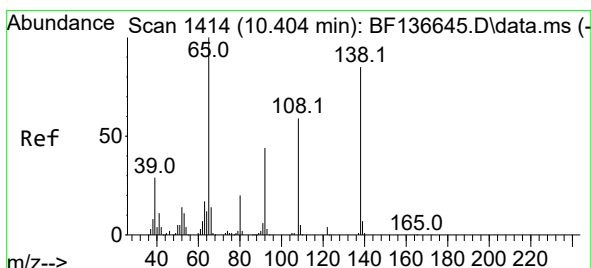
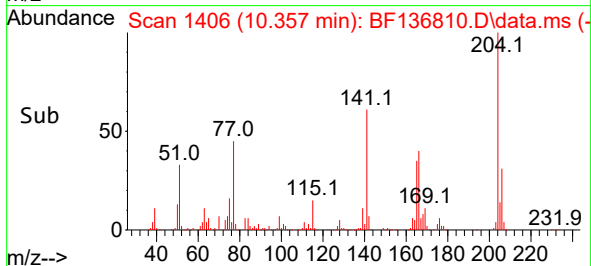
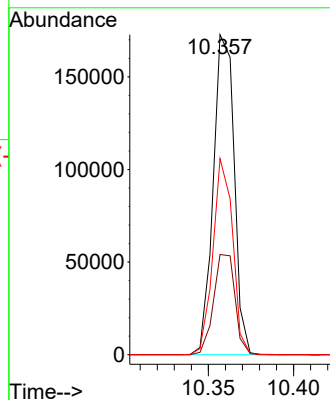
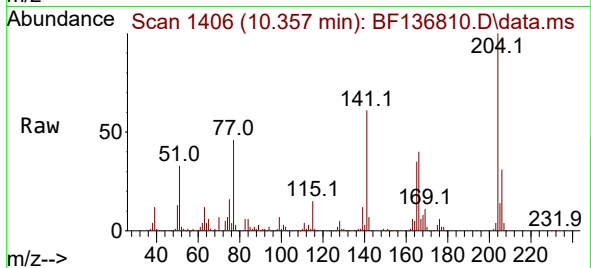




#61  
4-Chlorophenyl-phenylether  
Concen: 37.590 ng  
RT: 10.357 min Scan# 1406  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

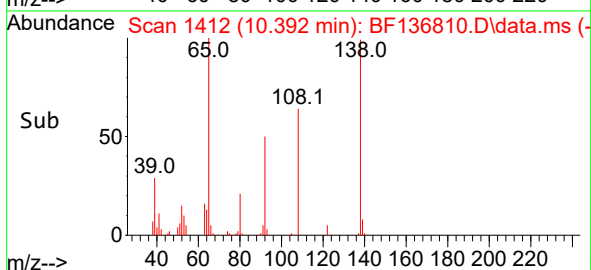
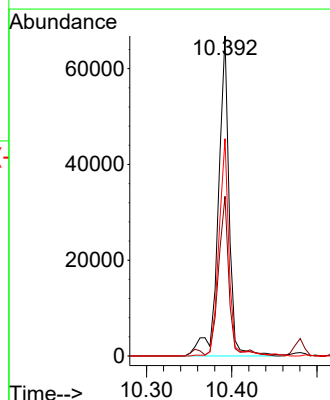
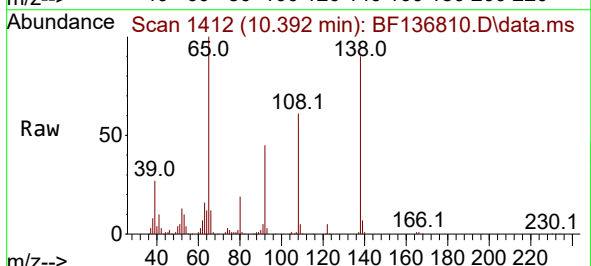
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

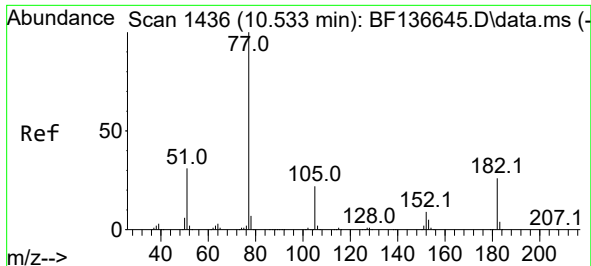
Tgt Ion:204 Resp: 147512  
Ion Ratio Lower Upper  
204 100  
206 31.3 25.6 38.4  
141 61.3 48.4 72.6



#62  
4-Nitroaniline  
Concen: 31.538 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:138 Resp: 59291  
Ion Ratio Lower Upper  
138 100  
92 49.9 32.1 72.1  
108 67.9 50.1 90.1

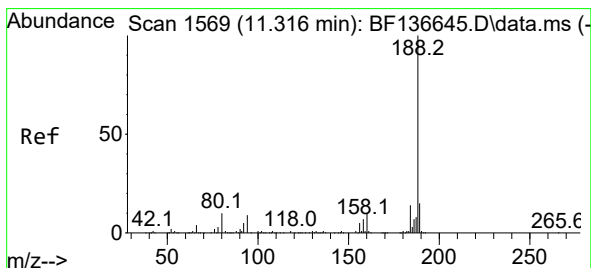
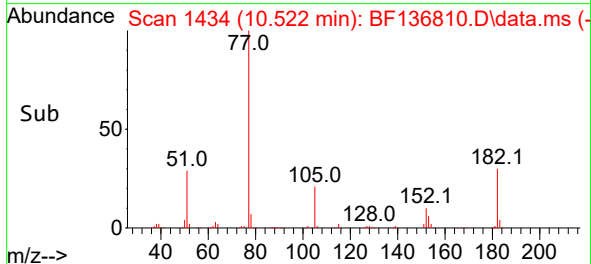
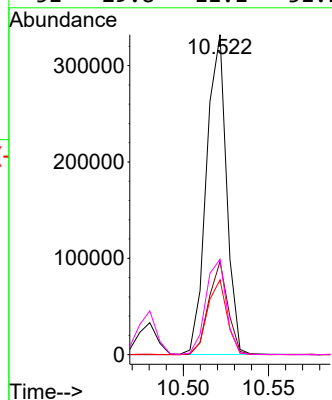
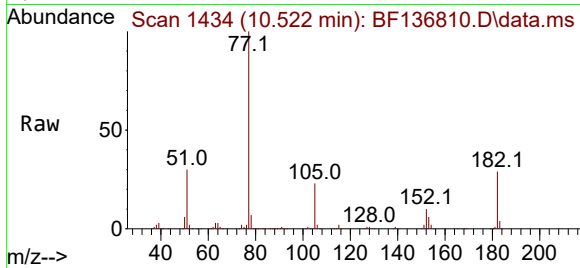




#63  
Azobenzene  
Concen: 34.567 ng  
RT: 10.522 min Scan# 1436  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

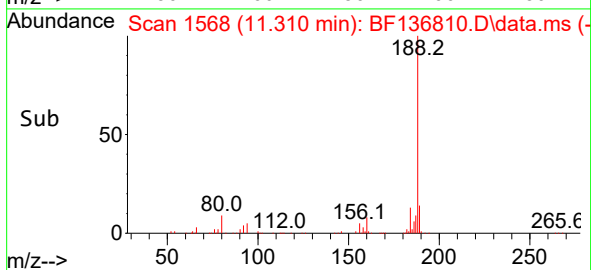
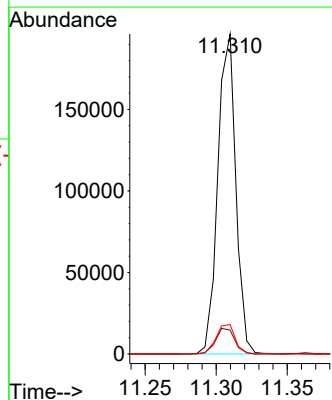
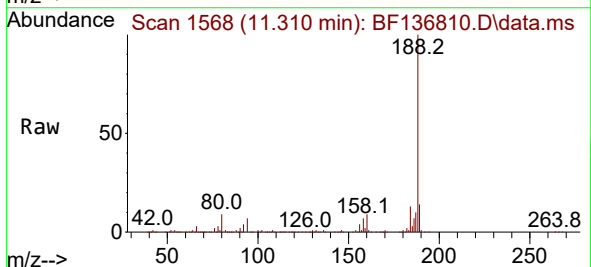
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

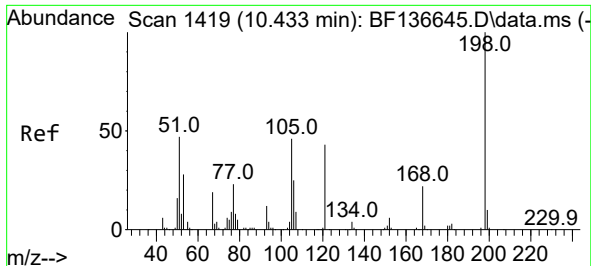
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 271727 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 29.1    | 6.0 46.0     |
| 105 23.4    | 2.3 42.3     |
| 51 29.8     | 11.1 51.1    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 172458 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 7.5      | 7.5 11.3#    |
| 80 9.2      | 8.1 12.1     |

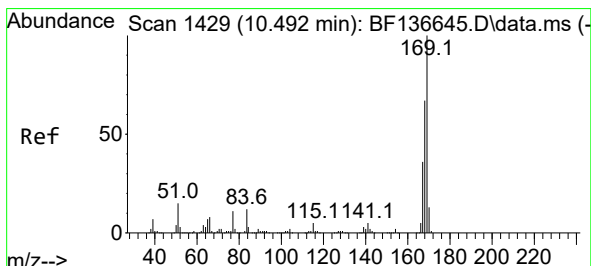
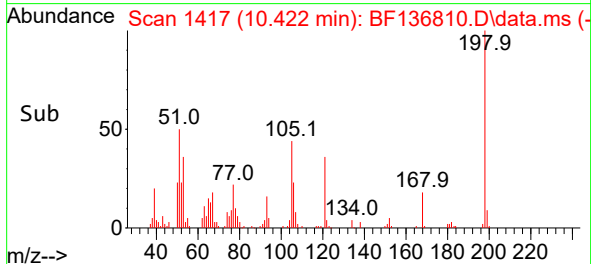
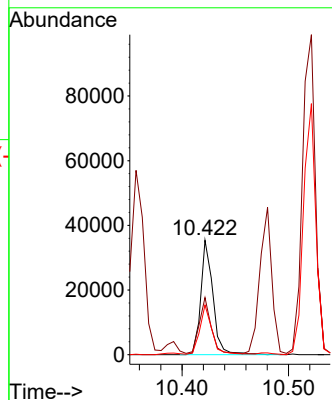
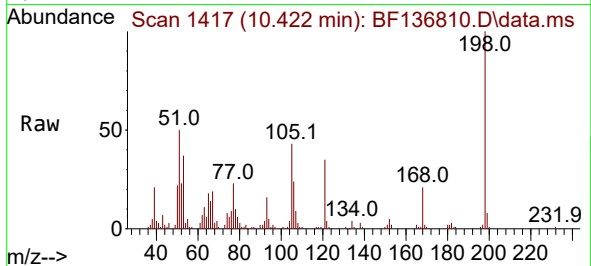




#65  
4,6-Dinitro-2-methylphenol  
Concen: 28.500 ng  
RT: 10.422 min Scan# 1419  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

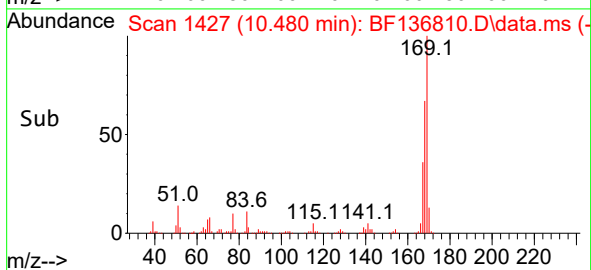
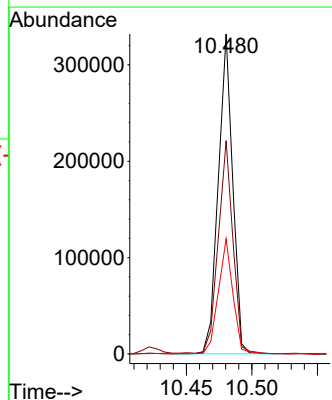
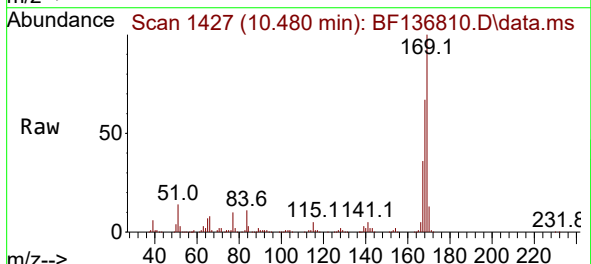
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

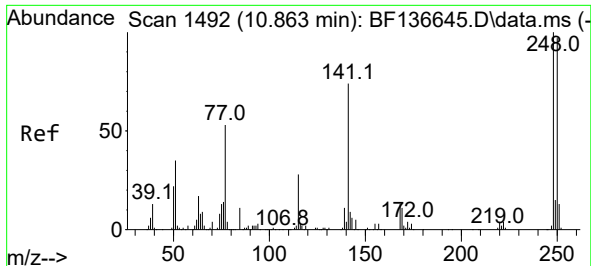
Tgt Ion:198 Resp: 28168  
Ion Ratio Lower Upper  
198 100  
51 50.0 34.1 74.1  
105 43.4 27.3 67.3



#66  
n-Nitrosodiphenylamine  
Concen: 45.063 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:169 Resp: 252453  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.8 80.6  
167 35.9 28.7 43.1

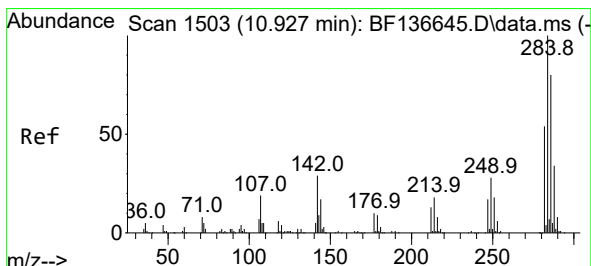
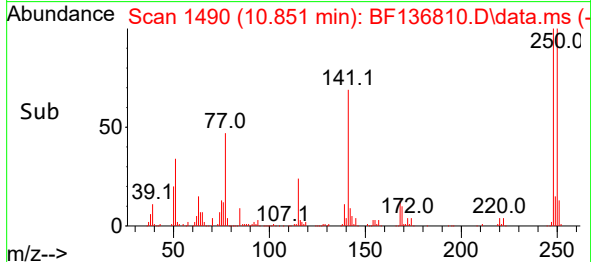
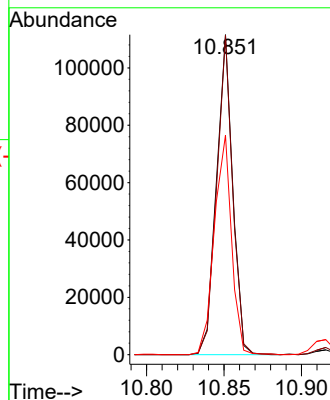
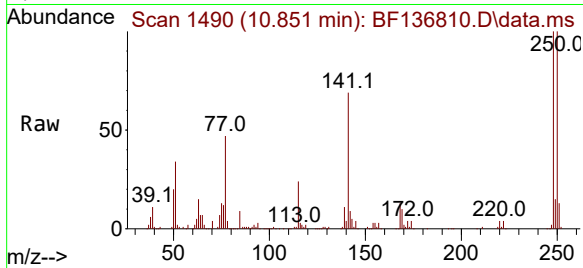




#67  
4-Bromophenyl-phenylether  
Concen: 42.486 ng  
RT: 10.851 min Scan# 1490  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

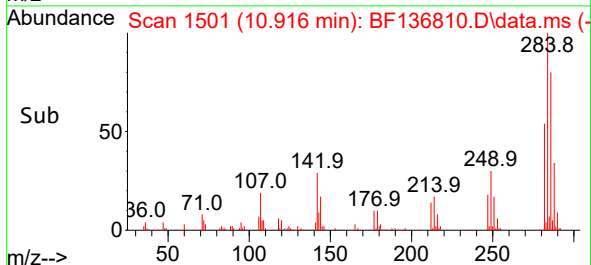
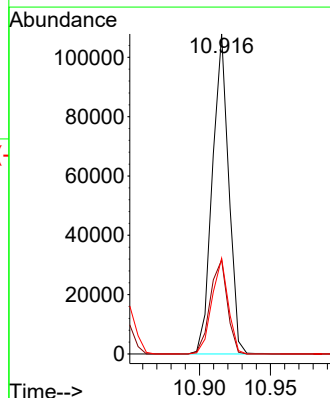
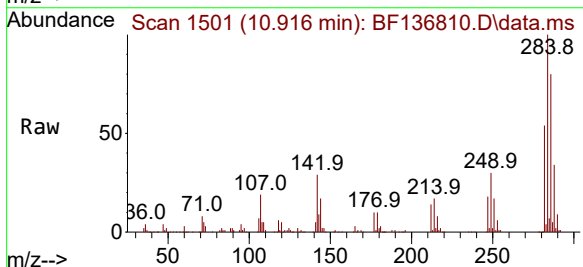
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

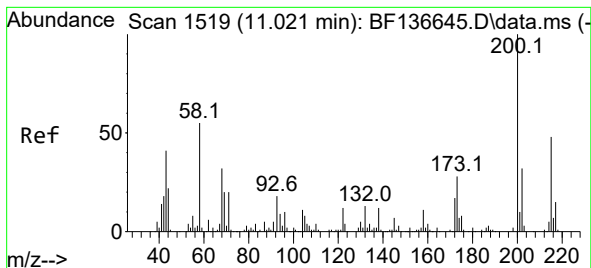
Tgt Ion:248 Resp: 81372  
Ion Ratio Lower Upper  
248 100  
250 99.8 77.8 116.6  
141 68.6 59.2 88.8



#68  
Hexachlorobenzene  
Concen: 40.282 ng  
RT: 10.916 min Scan# 1501  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:284 Resp: 85978  
Ion Ratio Lower Upper  
284 100  
142 29.4 23.4 35.0  
249 29.9 22.3 33.5





#69

Atrazine

Concen: 52.722 ng

RT: 11.010 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

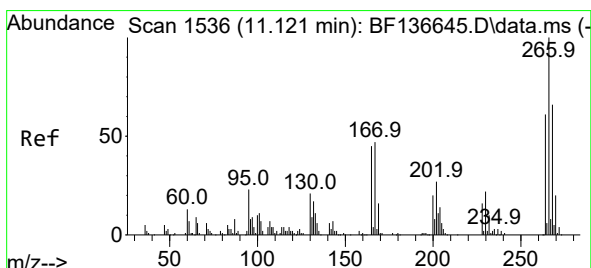
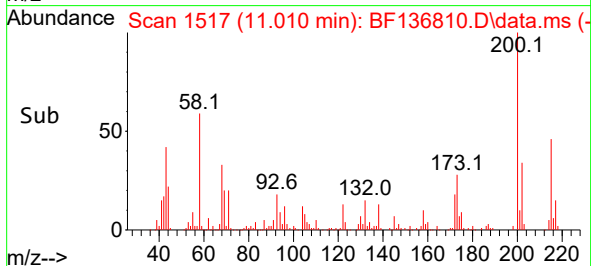
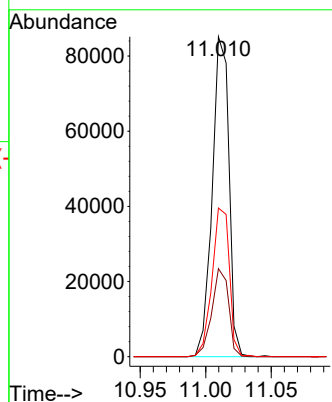
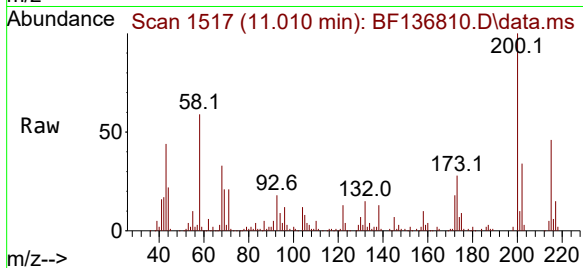
Tgt Ion:200 Resp: 75544

Ion Ratio Lower Upper

200 100

173 27.5 7.6 47.6

215 46.4 28.3 68.3



#70

Pentachlorophenol

Concen: 77.571 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

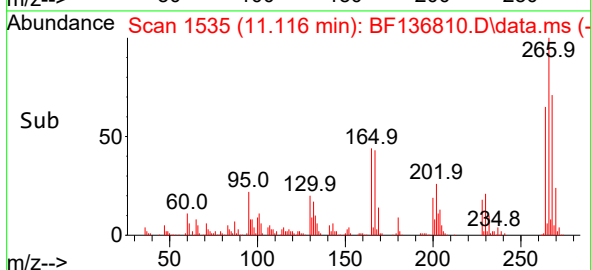
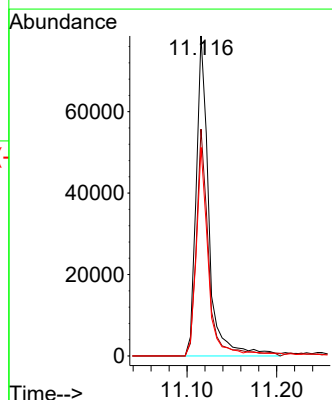
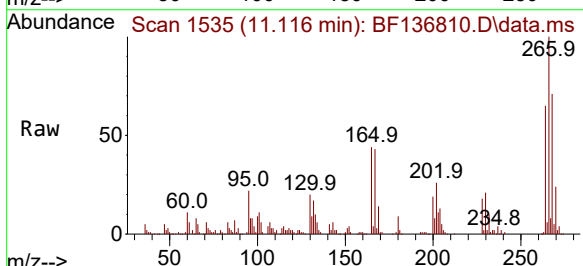
Tgt Ion:266 Resp: 77173

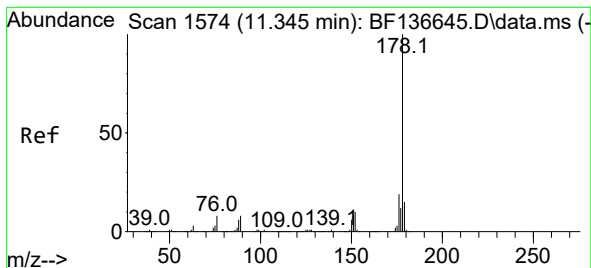
Ion Ratio Lower Upper

266 100

268 70.9 52.6 78.8

264 65.2 49.0 73.4





#71

Phenanthrene

Concen: 54.575 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

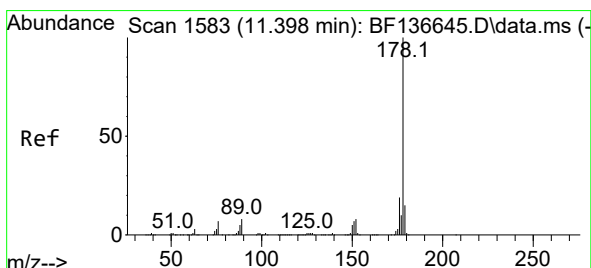
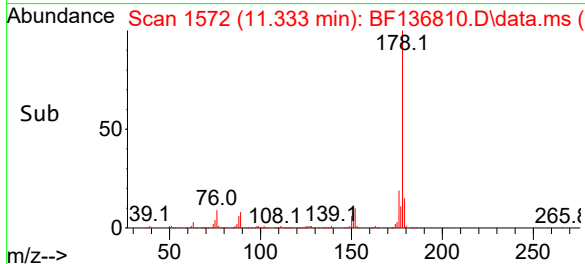
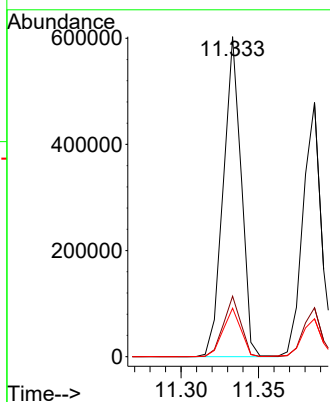
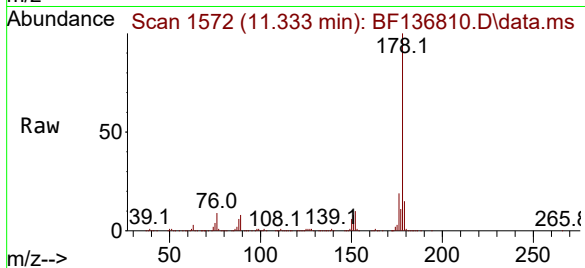
Tgt Ion:178 Resp: 482929

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.2 11.9 17.9



#72

Anthracene

Concen: 43.727 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

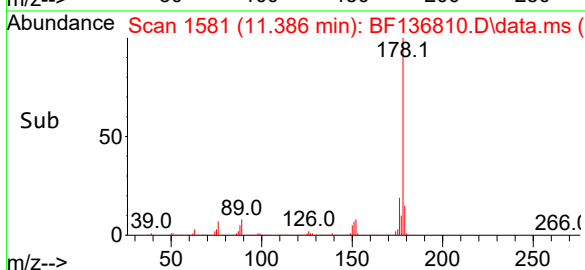
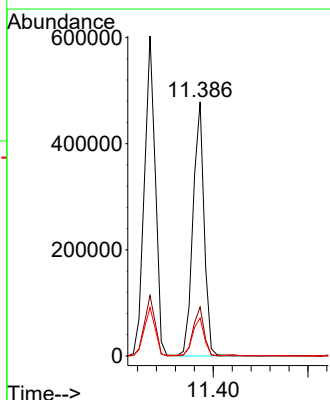
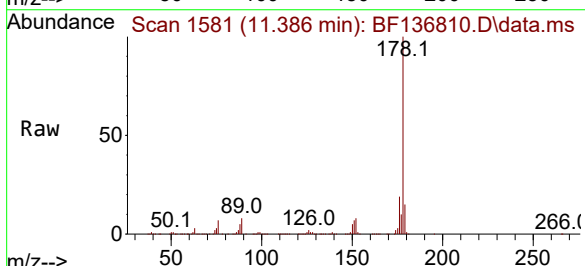
Tgt Ion:178 Resp: 391862

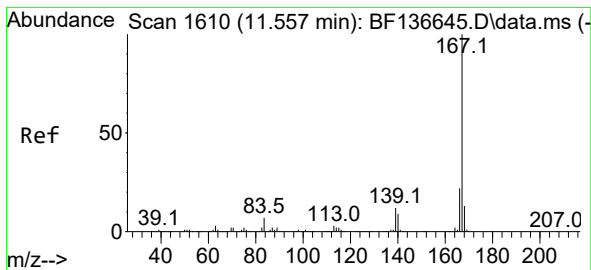
Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

179 14.9 11.8 17.6





#73

Carbazole

Concen: 42.413 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

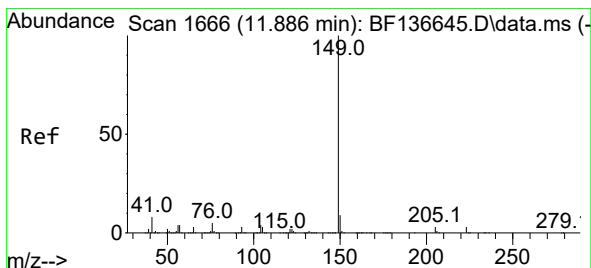
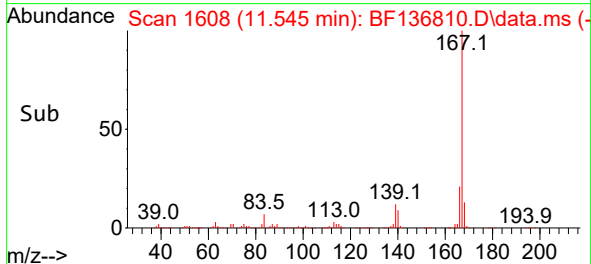
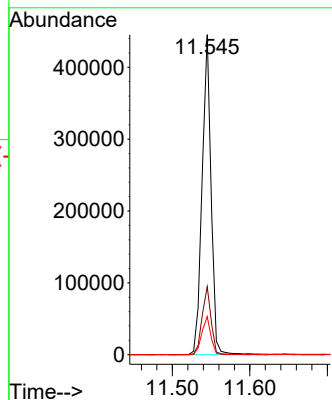
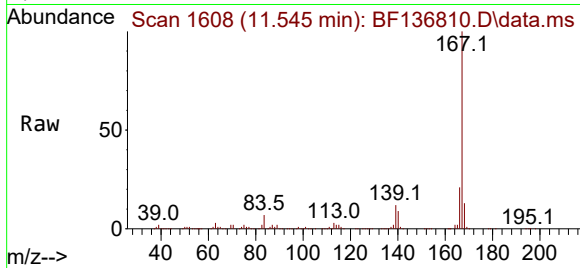
Tgt Ion:167 Resp: 358356

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 11.9 9.8 14.6



#74

Di-n-butylphthalate

Concen: 42.532 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

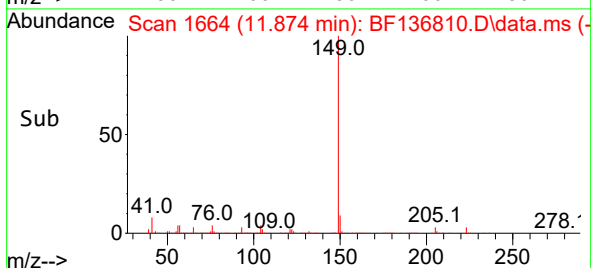
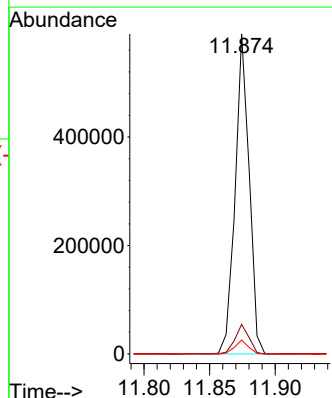
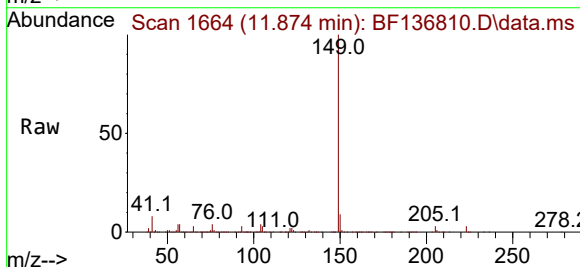
Tgt Ion:149 Resp: 438501

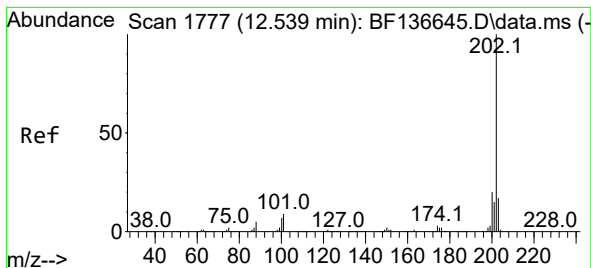
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 64.620 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

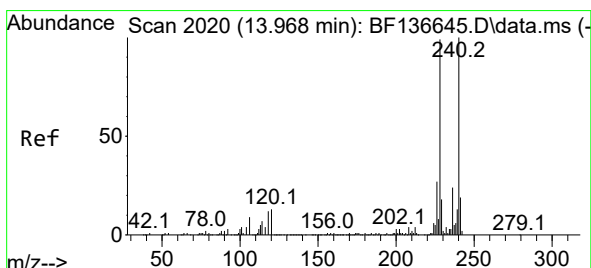
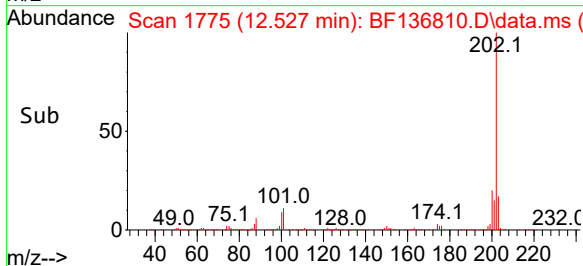
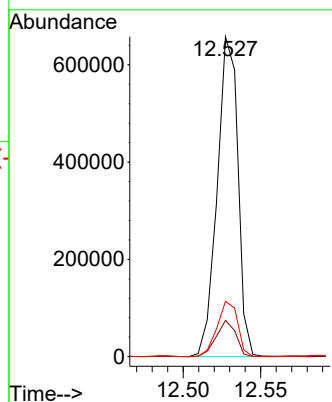
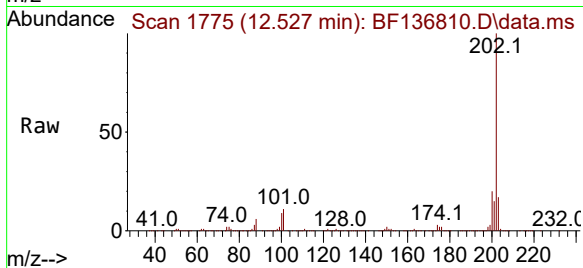
Tgt Ion:202 Resp: 611651

Ion Ratio Lower Upper

202 100

101 11.3 0.0 29.3

203 17.3 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

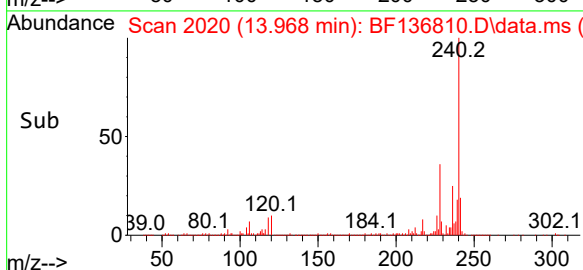
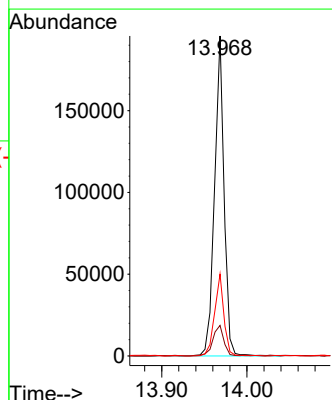
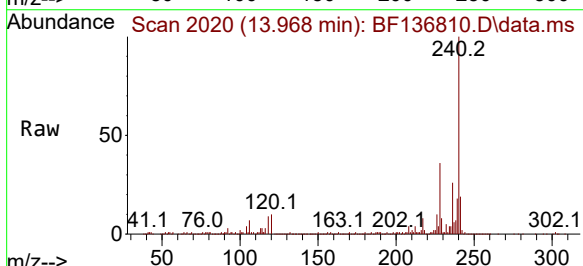
Tgt Ion:240 Resp: 153041

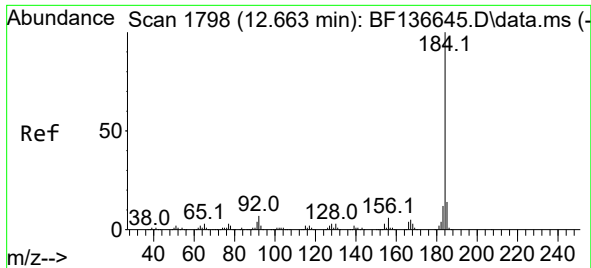
Ion Ratio Lower Upper

240 100

120 9.6 10.3 15.5#

236 25.6 19.4 29.2

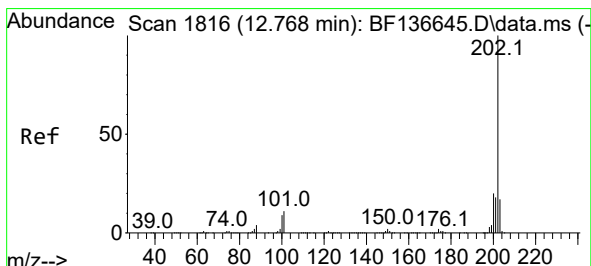
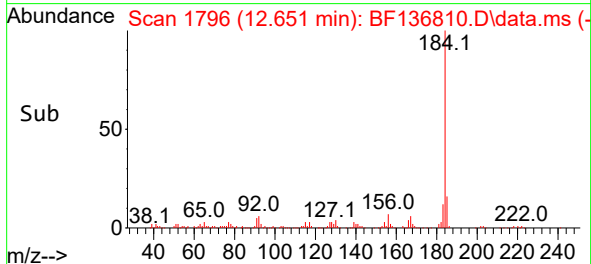
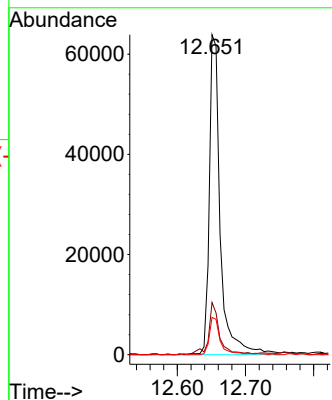
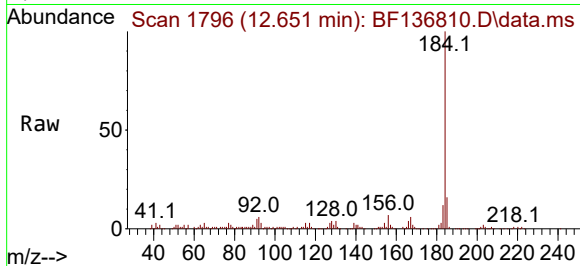




#77  
Benzidine  
Concen: 15.843 ng  
RT: 12.651 min Scan# 1796  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

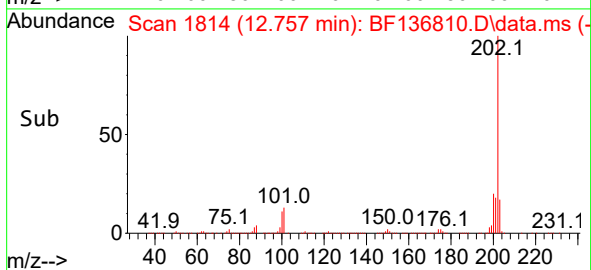
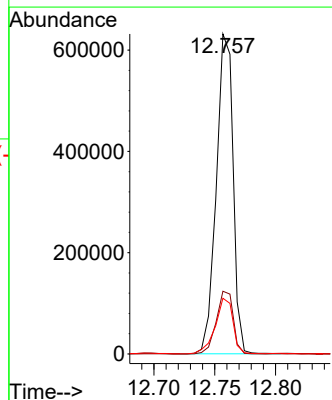
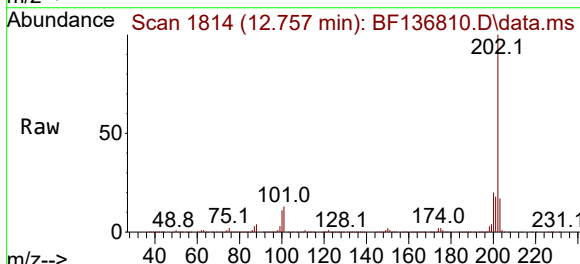
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

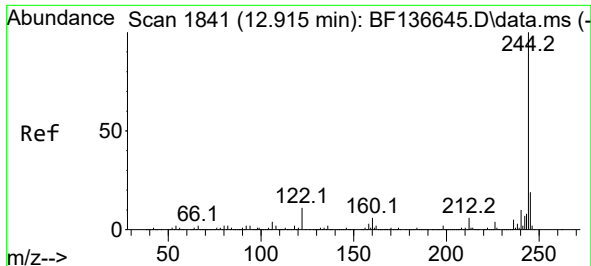
Tgt Ion:184 Resp: 71493  
Ion Ratio Lower Upper  
184 100  
185 16.3 11.2 16.8  
183 11.6 9.3 13.9



#78  
Pyrene  
Concen: 40.532 ng  
RT: 12.757 min Scan# 1814  
Delta R.T. -0.012 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:202 Resp: 608933  
Ion Ratio Lower Upper  
202 100  
200 19.6 15.9 23.9  
203 17.4 13.8 20.6

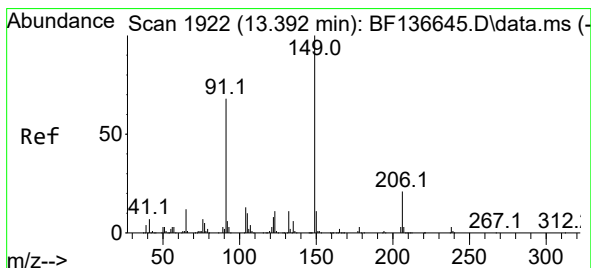
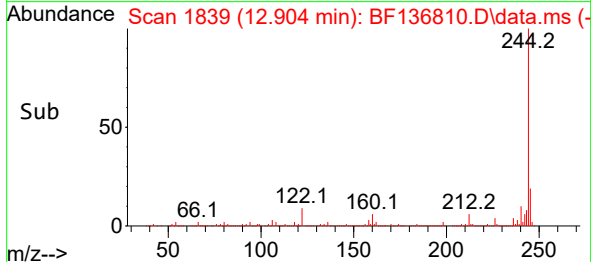
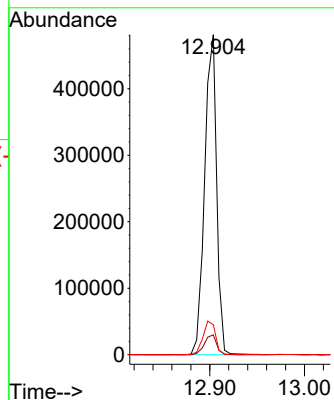
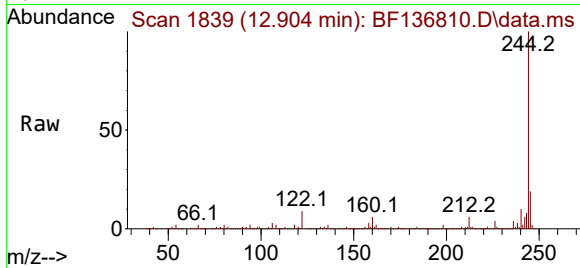




#79  
 Terphenyl-d14  
 Concen: 38.662 ng  
 RT: 12.904 min Scan# 1839  
 Delta R.T. -0.012 min  
 Lab File: BF136810.D  
 Acq: 28 Dec 2023 23:55

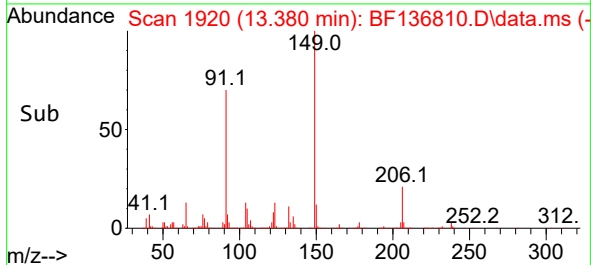
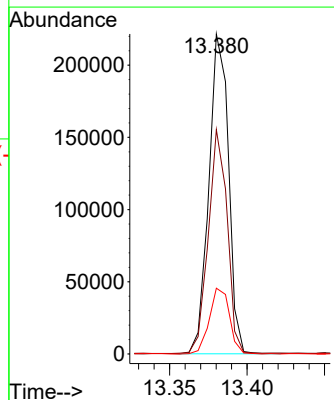
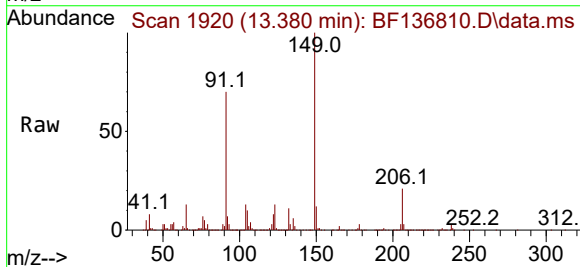
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-35MSD

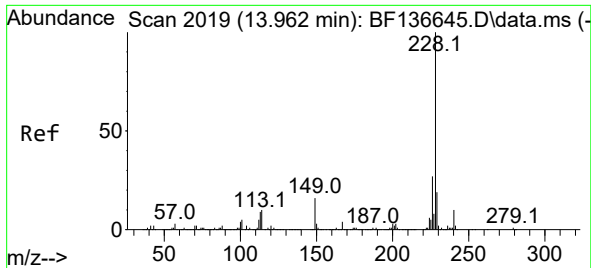
Tgt Ion:244 Resp: 423404  
 Ion Ratio Lower Upper  
 244 100  
 212 6.2 5.0 7.4  
 122 9.4 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 35.696 ng  
 RT: 13.380 min Scan# 1920  
 Delta R.T. -0.012 min  
 Lab File: BF136810.D  
 Acq: 28 Dec 2023 23:55

Tgt Ion:149 Resp: 195139  
 Ion Ratio Lower Upper  
 149 100  
 91 70.1 54.1 81.1  
 206 20.6 17.1 25.7





#81

Benzo(a)anthracene

Concen: 49.055 ng

RT: 13.957 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

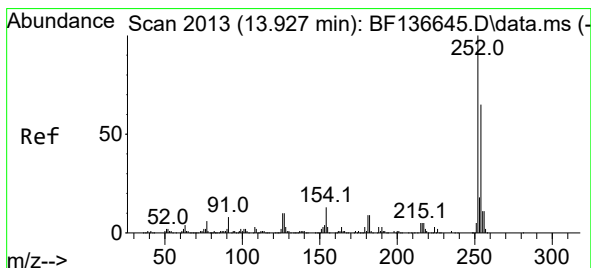
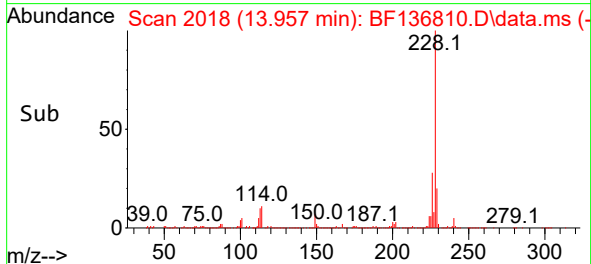
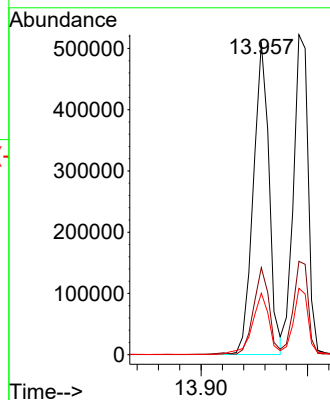
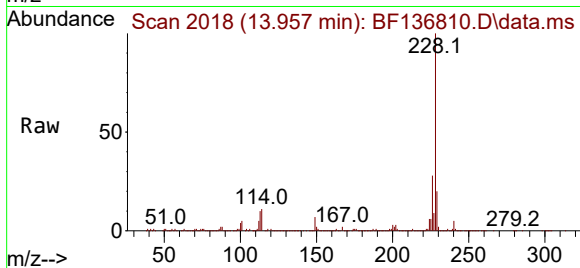
Tgt Ion:228 Resp: 521305

Ion Ratio Lower Upper

228 100

226 27.9 21.4 32.0

229 19.7 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 41.331 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

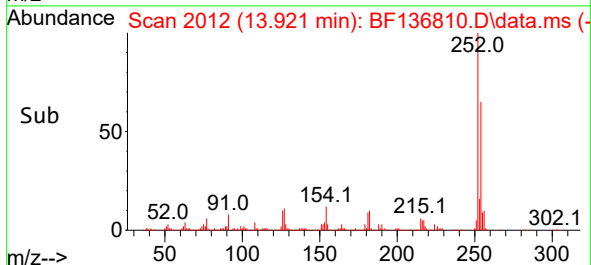
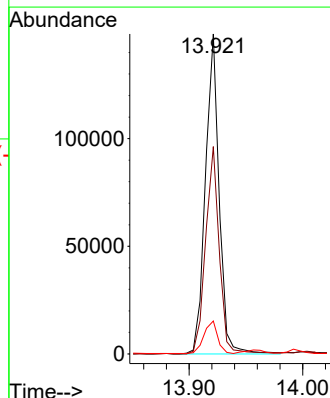
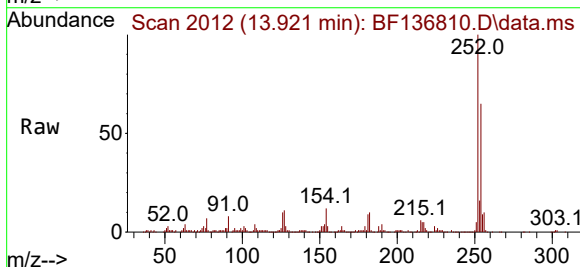
Tgt Ion:252 Resp: 124736

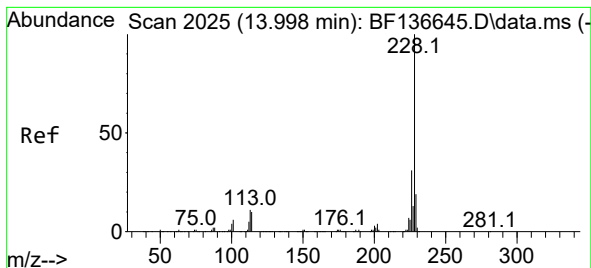
Ion Ratio Lower Upper

252 100

254 64.8 52.2 78.4

126 10.3 8.0 12.0





#83

Chrysene

Concen: 47.959 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

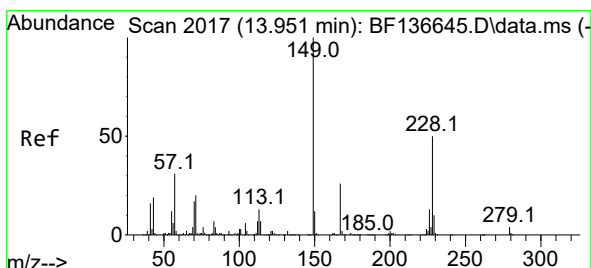
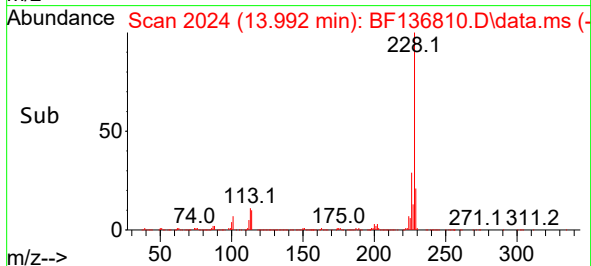
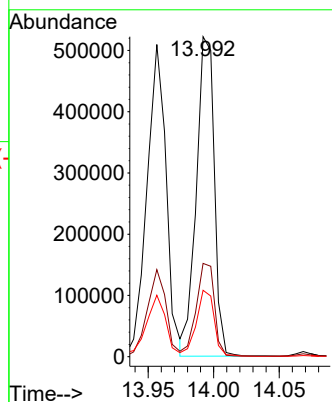
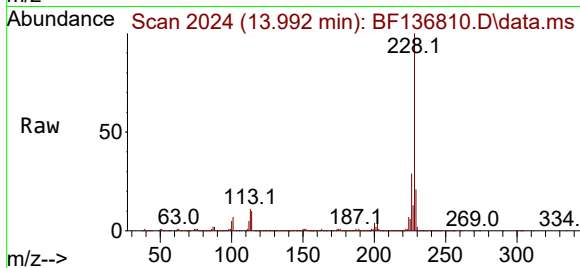
Tgt Ion:228 Resp: 498390

Ion Ratio Lower Upper

228 100

226 29.2 24.7 37.1

229 20.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.695 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

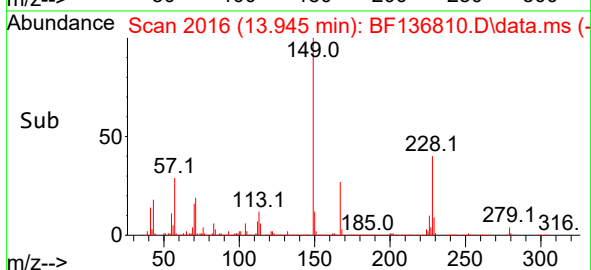
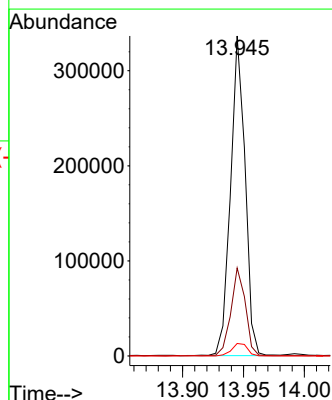
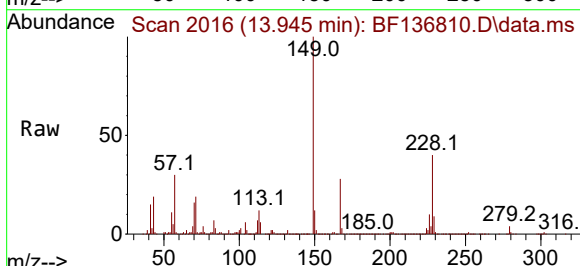
Tgt Ion:149 Resp: 279902

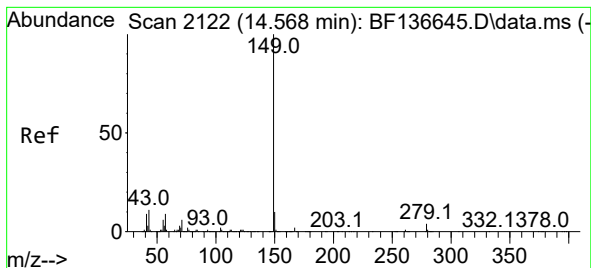
Ion Ratio Lower Upper

149 100

167 27.5 20.9 31.3

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 48.978 ng

RT: 14.562 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

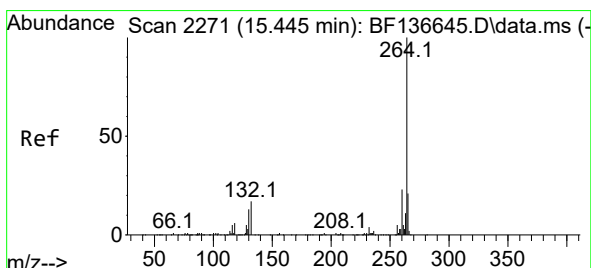
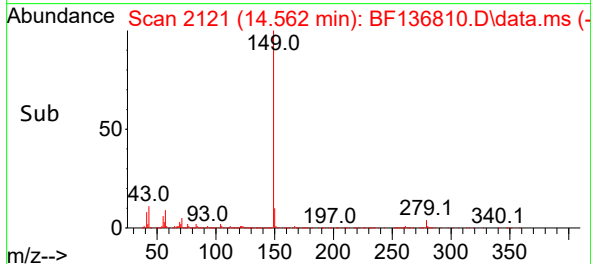
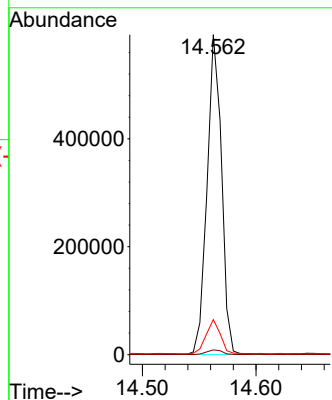
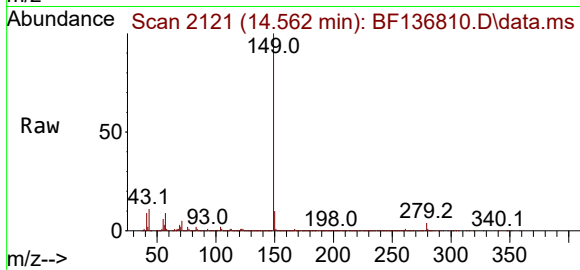
Tgt Ion:149 Resp: 521088

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

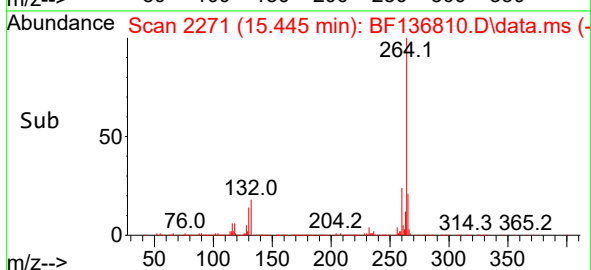
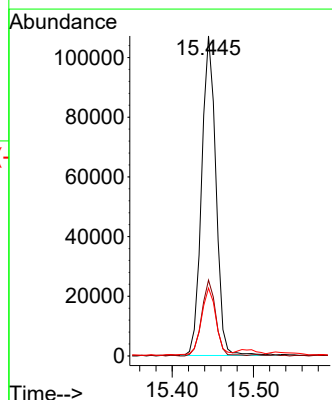
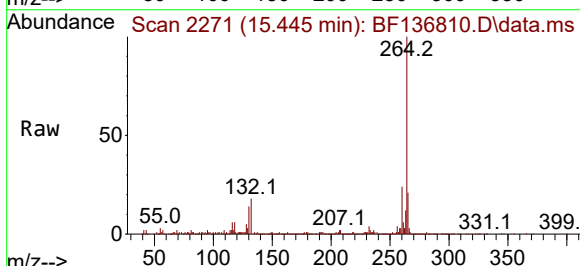
Tgt Ion:264 Resp: 130923

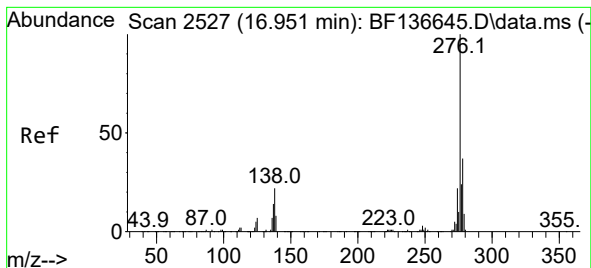
Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.893 ng

RT: 16.951 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

Instrument :

BNA\_F

ClientSampleId :

TP-35MSD

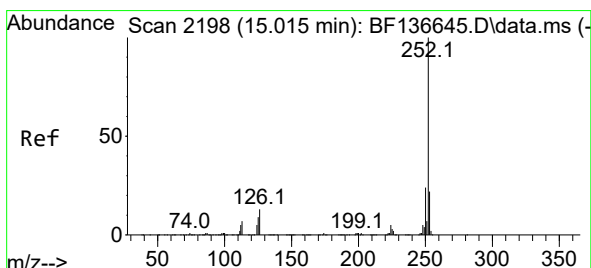
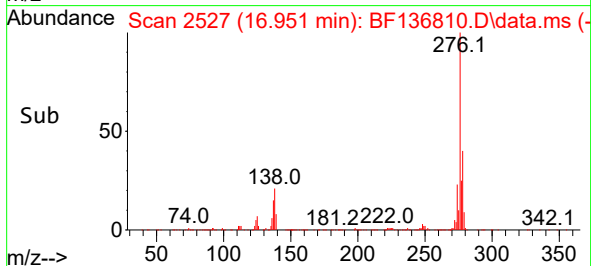
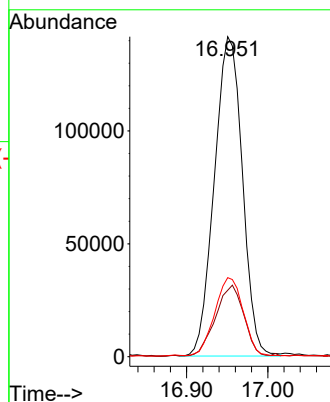
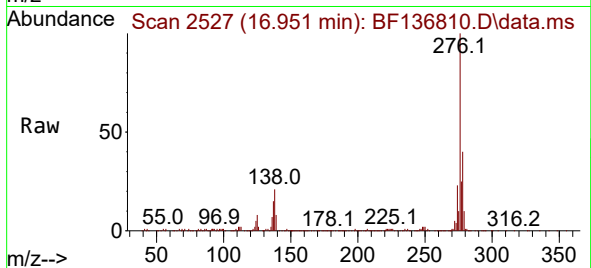
Tgt Ion:276 Resp: 339290

Ion Ratio Lower Upper

276 100

138 22.1 18.7 28.1

277 24.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 52.005 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136810.D

Acq: 28 Dec 2023 23:55

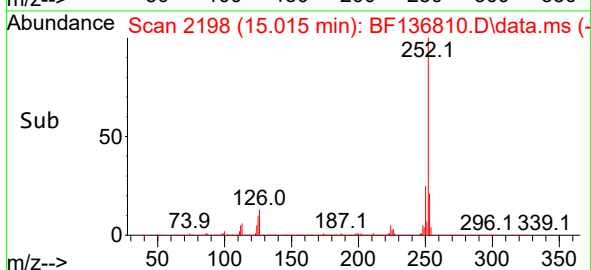
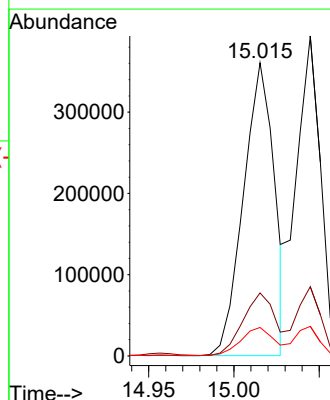
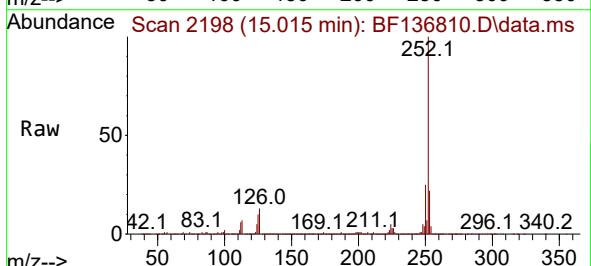
Tgt Ion:252 Resp: 454754

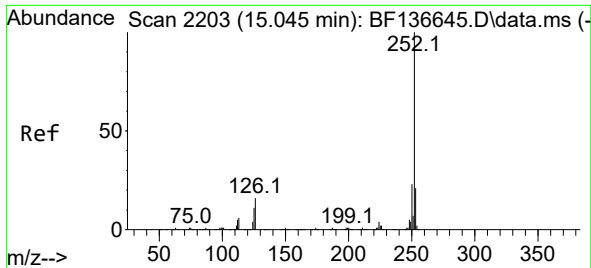
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.7 7.4 11.2

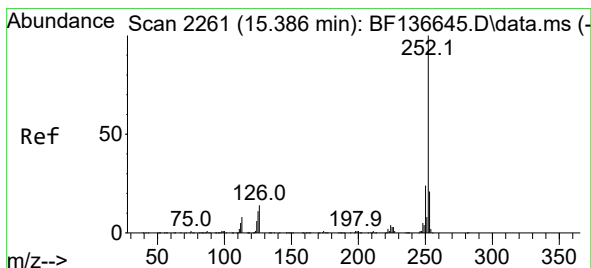
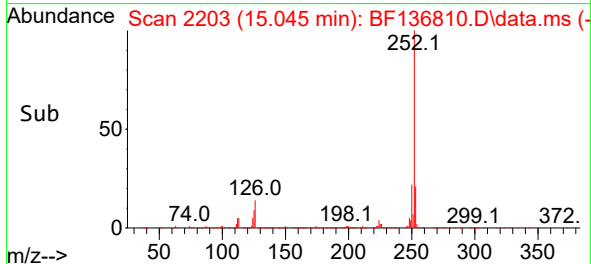
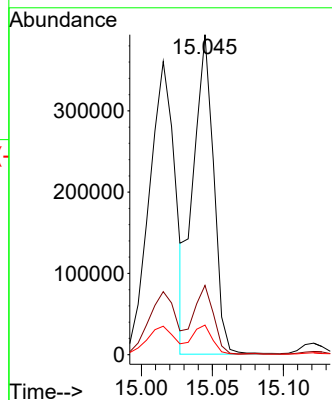
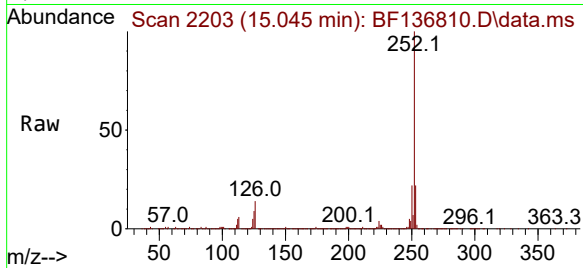




#89  
Benzo(k)fluoranthene  
Concen: 47.302 ng  
RT: 15.045 min Scan# 2203  
Delta R.T. 0.000 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

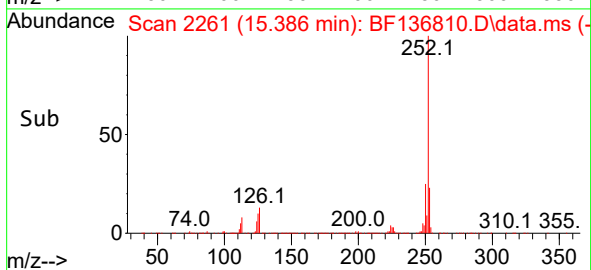
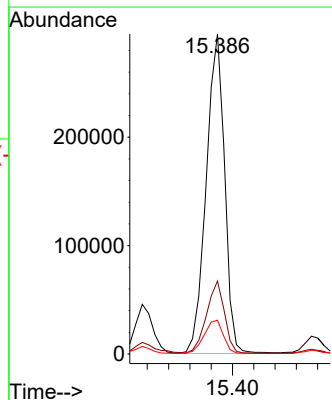
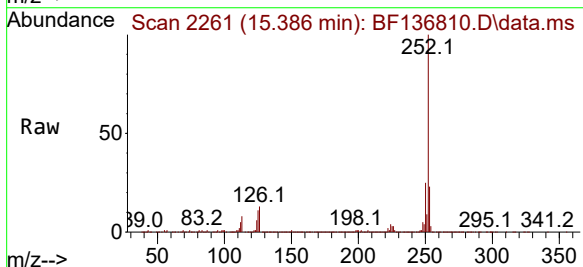
Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

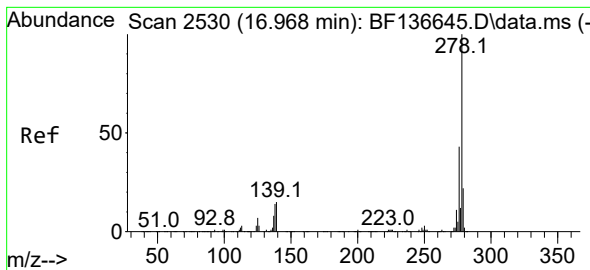
Tgt Ion:252 Resp: 390842  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.0 25.6  
125 9.3 8.2 12.4



#90  
Benzo(a)pyrene  
Concen: 48.019 ng  
RT: 15.386 min Scan# 2261  
Delta R.T. 0.000 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:252 Resp: 354440  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.0 25.6  
125 10.5 8.8 13.2

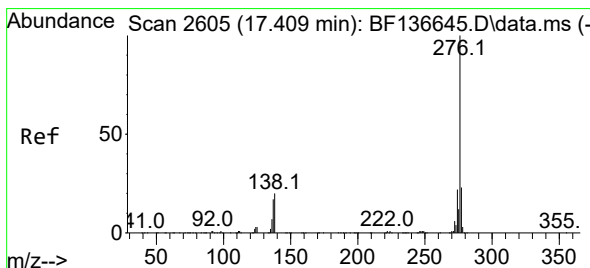
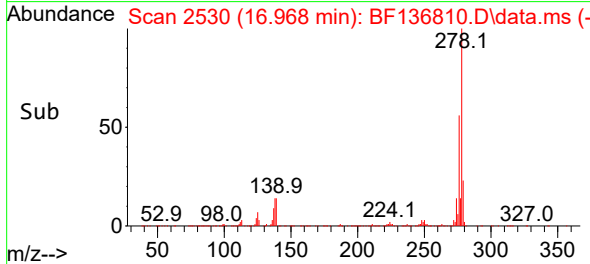
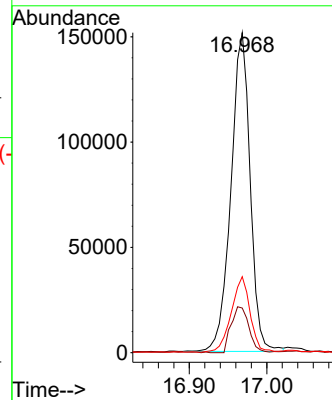
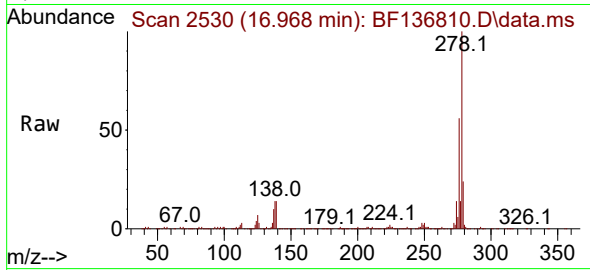




#91  
Dibenzo(a,h)anthracene  
Concen: 33.709 ng  
RT: 16.968 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Instrument :  
BNA\_F  
ClientSampleId :  
TP-35MSD

Tgt Ion:278 Resp: 261416  
Ion Ratio Lower Upper  
278 100  
139 13.9 12.2 18.4  
279 23.8 17.8 26.6



#92  
Benzo(g,h,i)perylene  
Concen: 34.149 ng  
RT: 17.409 min Scan# 2605  
Delta R.T. 0.000 min  
Lab File: BF136810.D  
Acq: 28 Dec 2023 23:55

Tgt Ion:276 Resp: 271239  
Ion Ratio Lower Upper  
276 100  
277 22.9 18.3 27.5  
138 18.9 15.6 23.4

