

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112923\  
 Data File : BF136280.D  
 Acq On : 29 Nov 2023 13:21  
 Operator : CG\JU  
 Sample : PB157430BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157160BS

Quant Time: Nov 29 13:48:10 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 03:04:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.804  | 152  | 151871   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.086  | 136  | 669391   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.845  | 164  | 343078   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.333 | 188  | 653493   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 298292   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.468 | 264  | 278549   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 1408426  | 129.078 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.451  | 99   | 1747137  | 128.058 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.375  | 82   | 1068476  | 84.348  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.645 | 330  | 578867   | 138.009 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.169  | 172  | 2223953  | 82.799  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 2395644  | 92.639  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.687  | 88   | 156429   | 37.889  | ng    | 99       |
| 3) Pyridine                   | 3.440  | 79   | 353670   | 34.702  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.410  | 42   | 211251   | 41.006  | ng    | 89       |
| 6) Aniline                    | 6.475  | 93   | 521106   | 40.410  | ng    | 96       |
| 8) 2-Chlorophenol             | 6.592  | 128  | 547291   | 46.065  | ng    | 97       |
| 9) Benzaldehyde               | 6.357  | 77   | 87080    | 11.452  | ng    | 96       |
| 10) Phenol                    | 6.463  | 94   | 651696   | 44.524  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.551  | 93   | 484709   | 45.141  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.751  | 146  | 574582   | 42.616  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.828  | 146  | 593464   | 43.298  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.975  | 146  | 554922   | 42.765  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.957  | 79   | 417840   | 43.681  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.086  | 45   | 661836   | 44.374  | ng    | 98       |
| 17) 2-Methylphenol            | 7.063  | 107  | 430791   | 46.121  | ng    | 99       |
| 18) Hexachloroethane          | 7.316  | 117  | 204787   | 42.595  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.228  | 70   | 362995   | 44.485  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.216  | 107  | 538297   | 44.344  | ng    | 92       |
| 22) Acetophenone              | 7.222  | 105  | 771626   | 43.891  | ng    | # 93     |
| 24) Nitrobenzene              | 7.392  | 77   | 535594   | 41.723  | ng    | 97       |
| 25) Isophorone                | 7.628  | 82   | 1000145  | 43.787  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.704  | 139  | 268696   | 49.126  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.745  | 122  | 453213   | 62.954  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.839  | 93   | 612204   | 44.311  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.945  | 162  | 450465   | 46.391  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.028  | 180  | 500314   | 42.084  | ng    | 99       |
| 31) Naphthalene               | 8.110  | 128  | 1644222  | 43.700  | ng    | 99       |
| 32) Benzoic acid              | 7.886  | 122  | 327055   | 49.848  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.157  | 127  | 452599   | 35.389  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.222  | 225  | 279587   | 40.198  | ng    | 98       |
| 35) Caprolactam               | 8.539  | 113  | 76960    | 28.351  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.645  | 107  | 474071   | 45.015  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.798  | 142  | 1032489  | 43.746  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.898  | 142  | 944684   | 41.030  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.969  | 216  | 486787   | 44.584  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.951  | 237  | 554094   | 131.888 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.080  | 196  | 325713   | 45.960  | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112923\  
 Data File : BF136280.D  
 Acq On : 29 Nov 2023 13:21  
 Operator : CG\JU  
 Sample : PB157430BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157160BS

Quant Time: Nov 29 13:48:10 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 03:04:20 2023  
 Response via : Initial Calibration

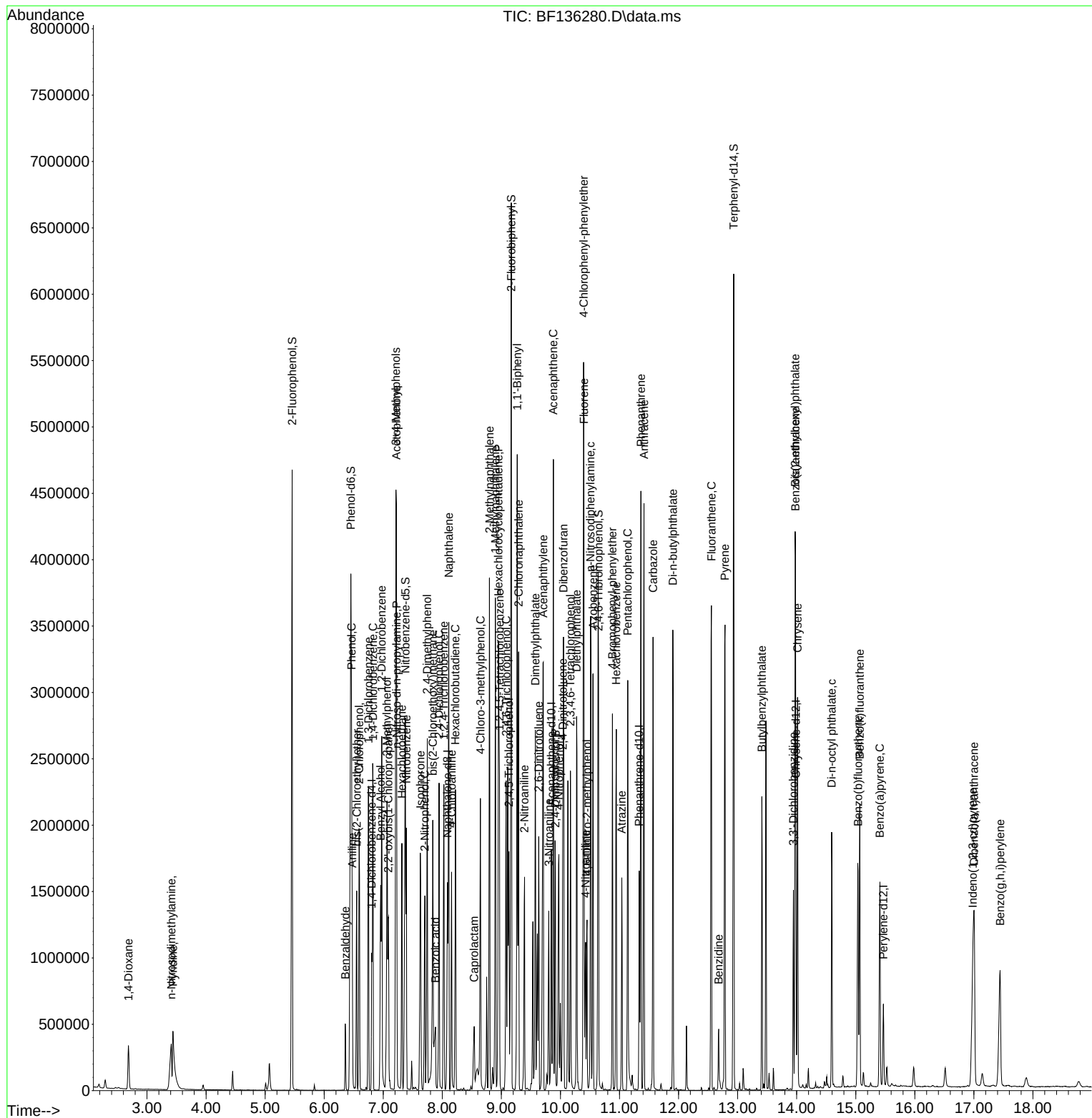
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.128  | 196  | 345579   | 44.684  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.269  | 154  | 1336842  | 44.187  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.292  | 162  | 1012250  | 43.084  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.392  | 65   | 284690   | 46.410  | ng    | 87       |
| 49) Acenaphthylene            | 9.710  | 152  | 1525429  | 45.496  | ng    | 100      |
| 50) Dimethylphthalate         | 9.575  | 163  | 1179006  | 45.468  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.633  | 165  | 242450   | 45.768  | ng    | 99       |
| 52) Acenaphthene              | 9.880  | 154  | 939628   | 44.346  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.804  | 138  | 207138   | 39.408  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.916  | 184  | 268120   | 108.826 | ng    | # 88     |
| 55) Dibenzofuran              | 10.051 | 168  | 1407935  | 44.655  | ng    | 99       |
| 56) 4-Nitrophenol             | 9.975  | 139  | 361974   | 90.672  | ng    | 86       |
| 57) 2,4-Dinitrotoluene        | 10.039 | 165  | 331000   | 46.777  | ng    | 92       |
| 58) Fluorene                  | 10.398 | 166  | 1067012  | 43.144  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.169 | 232  | 292514   | 47.537  | ng    | 99       |
| 60) Diethylphthalate          | 10.275 | 149  | 1168563  | 45.051  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.392 | 204  | 517256   | 43.067  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.427 | 138  | 233260   | 45.337  | ng    | 98       |
| 63) Azobenzene                | 10.551 | 77   | 1065506  | 44.309  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198  | 180938   | 50.632  | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 10.510 | 169  | 967045   | 46.177  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.880 | 248  | 334049   | 43.815  | ng    | 99       |
| 68) Hexachlorobenzene         | 10.945 | 284  | 384632   | 43.590  | ng    | 98       |
| 69) Atrazine                  | 11.039 | 200  | 194566   | 31.319  | ng    | 99       |
| 70) Pentachlorophenol         | 11.139 | 266  | 405032   | 81.206  | ng    | 95       |
| 71) Phenanthrene              | 11.363 | 178  | 1675939  | 45.630  | ng    | 99       |
| 72) Anthracene                | 11.416 | 178  | 1684894  | 45.744  | ng    | 99       |
| 73) Carbazole                 | 11.569 | 167  | 1400763  | 44.715  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.904 | 149  | 1809688  | 46.170  | ng    | 99       |
| 75) Fluoranthene              | 12.557 | 202  | 1584726  | 42.501  | ng    | 99       |
| 77) Benzidine                 | 12.680 | 184  | 208619   | 42.546  | ng    | 99       |
| 78) Pyrene                    | 12.786 | 202  | 1560510  | 47.769  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 503982   | 49.570  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 1006750  | 45.439  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.945 | 252  | 310244   | 58.171  | ng    | 97       |
| 83) Chrysene                  | 14.015 | 228  | 962590   | 44.996  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 571624   | 46.847  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 955467   | 48.191  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.980 | 276  | 991184   | 47.627  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.039 | 252  | 923779   | 47.270  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.068 | 252  | 888639   | 47.877  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.409 | 252  | 774284   | 48.467  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.003 | 278  | 807744   | 48.317  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.445 | 276  | 784260   | 46.818  | ng    | 98       |

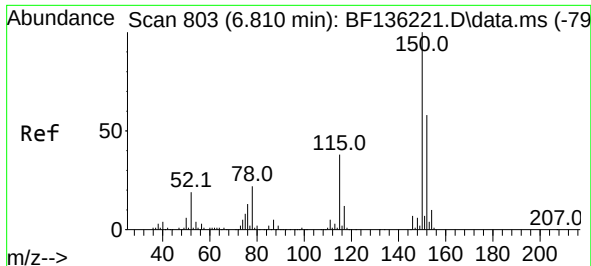
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112923\  
 Data File : BF136280.D  
 Acq On : 29 Nov 2023 13:21  
 Operator : CG\JU  
 Sample : PB157430BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157160BS

Quant Time: Nov 29 13:48:10 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 03:04:20 2023  
 Response via : Initial Calibration

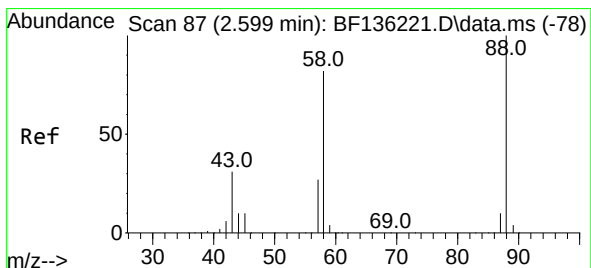
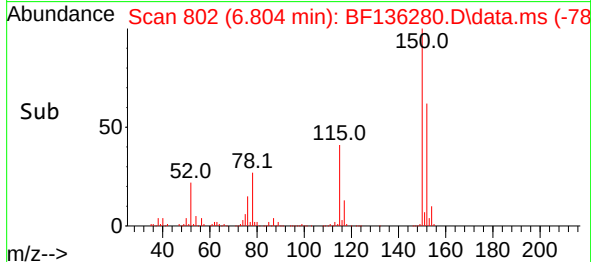
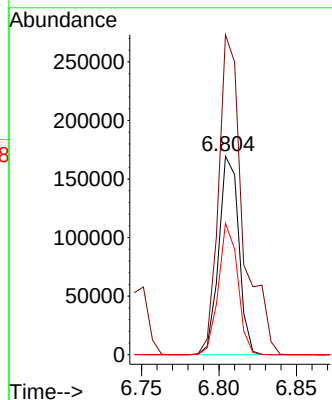
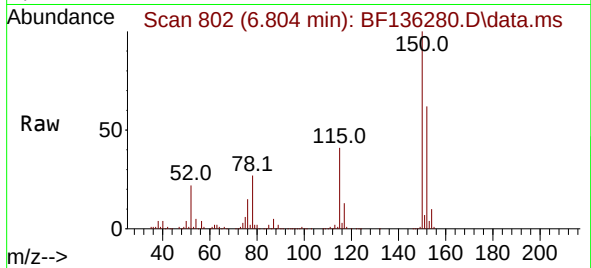




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.804 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21

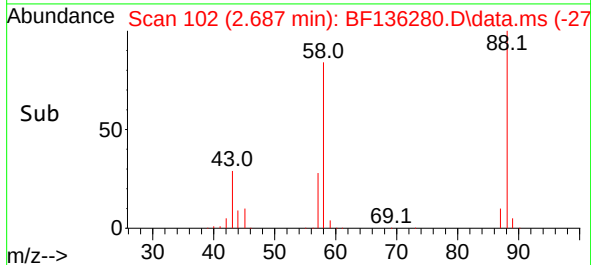
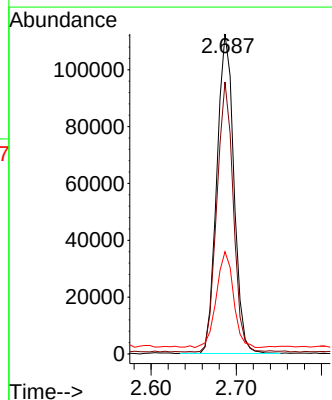
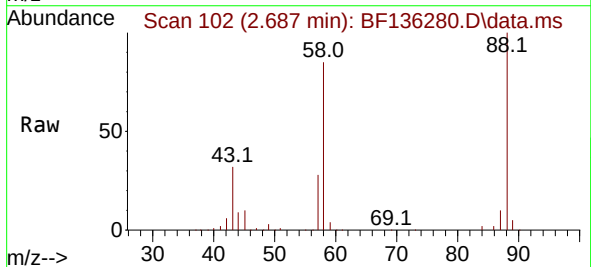
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157160BS

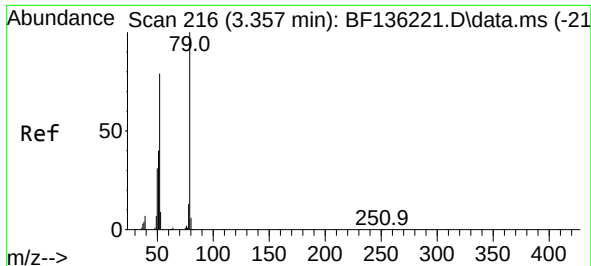
Tgt Ion:152 Resp: 151871  
 Ion Ratio Lower Upper  
 152 100  
 150 161.3 137.8 206.8  
 115 66.3 52.7 79.1



#2  
 1,4-Dioxane  
 Concen: 37.889 ng  
 RT: 2.687 min Scan# 102  
 Delta R.T. 0.088 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21

Tgt Ion: 88 Resp: 156429  
 Ion Ratio Lower Upper  
 88 100  
 58 81.3 65.9 98.9  
 43 30.0 24.8 37.2

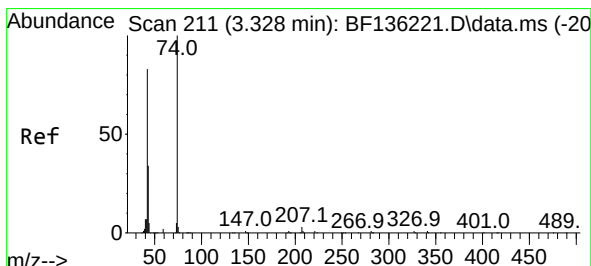
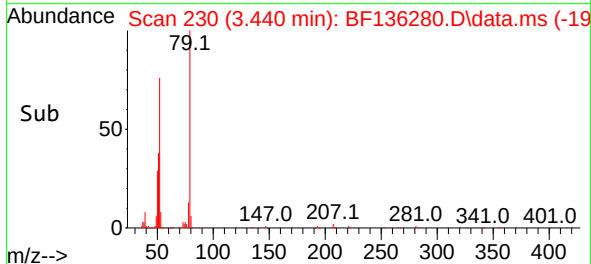
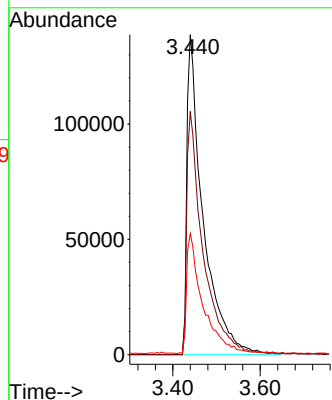
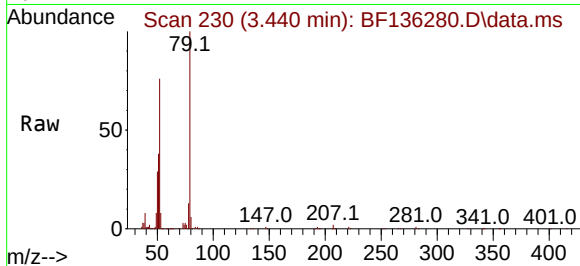




#3  
 Pyridine  
 Concen: 34.702 ng  
 RT: 3.440 min Scan# 216  
 Delta R.T. 0.082 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21

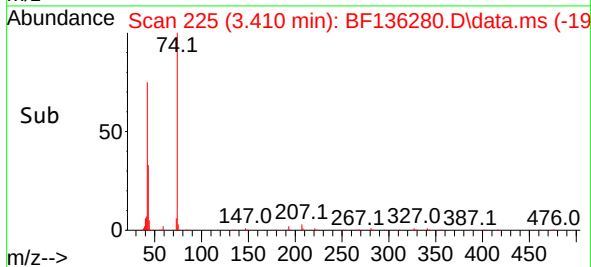
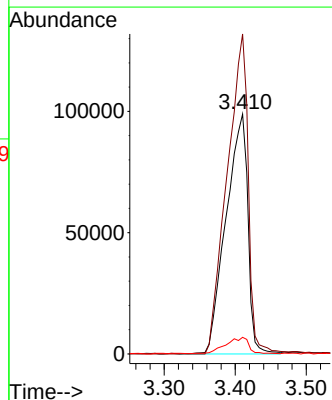
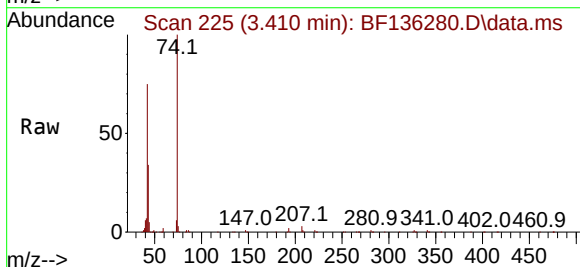
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157160BS

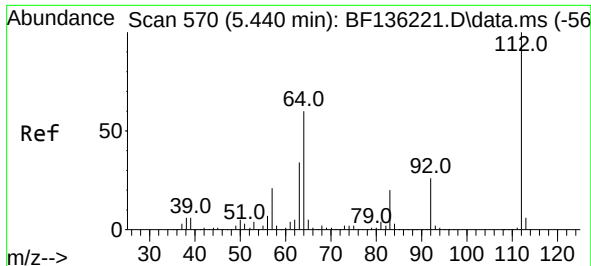
Tgt Ion: 79 Resp: 353670  
 Ion Ratio Lower Upper  
 79 100  
 52 76.0 63.2 94.8  
 51 37.9 32.6 49.0



#4  
 n-Nitrosodimethylamine  
 Concen: 41.006 ng  
 RT: 3.410 min Scan# 225  
 Delta R.T. 0.082 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21

Tgt Ion: 42 Resp: 211251  
 Ion Ratio Lower Upper  
 42 100  
 74 133.4 96.6 144.8  
 44 7.0 5.4 8.2

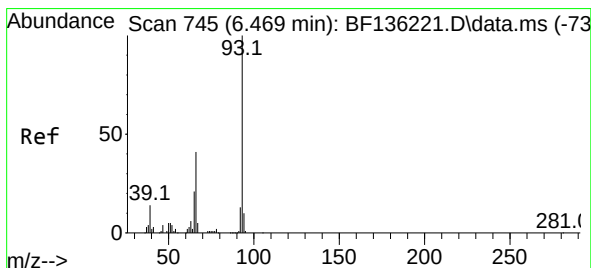
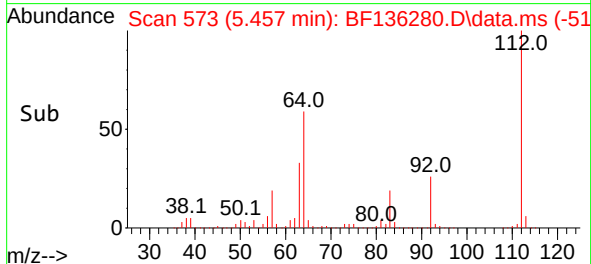
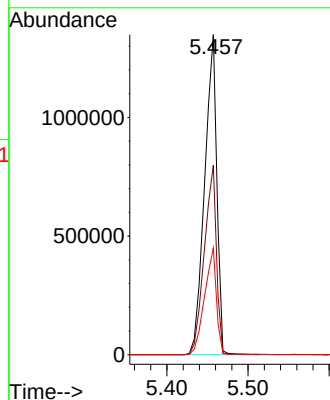
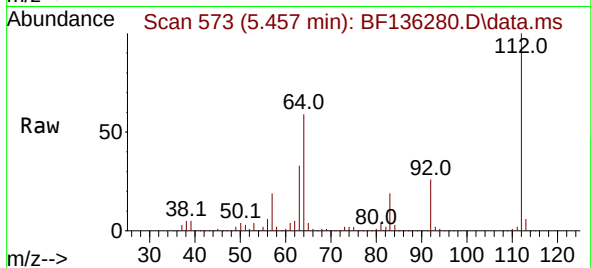




#5  
2-Fluorophenol  
Concen: 129.078 ng  
RT: 5.457 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

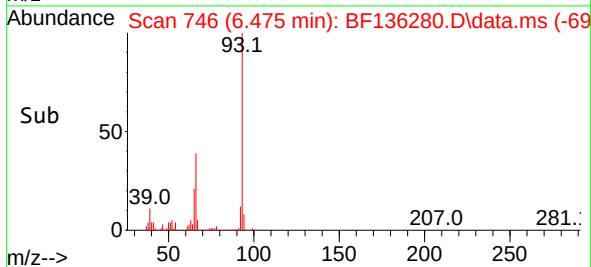
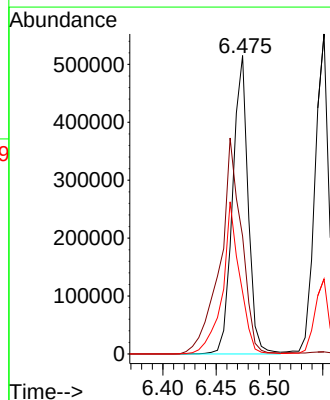
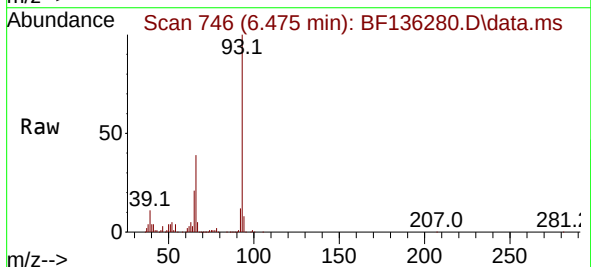
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

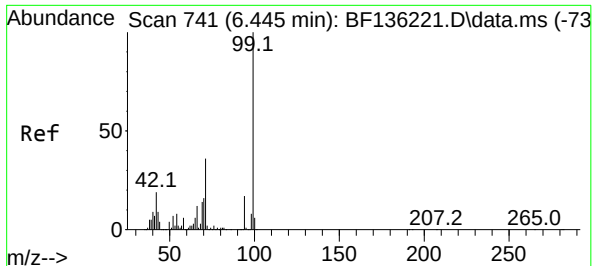
Tgt Ion:112 Resp: 1408426  
Ion Ratio Lower Upper  
112 100  
64 59.2 48.2 72.4  
63 33.3 27.0 40.6



#6  
Aniline  
Concen: 40.410 ng  
RT: 6.475 min Scan# 746  
Delta R.T. 0.006 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion: 93 Resp: 521106  
Ion Ratio Lower Upper  
93 100  
66 39.5 34.1 51.1  
65 20.7 17.3 25.9





#7

Phenol-d6

Concen: 128.058 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

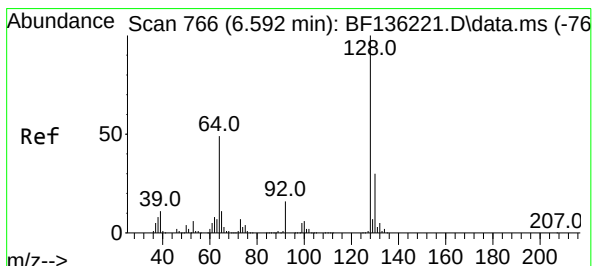
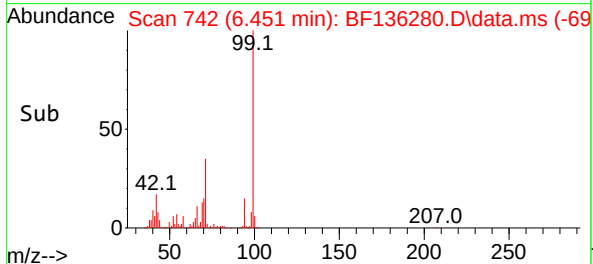
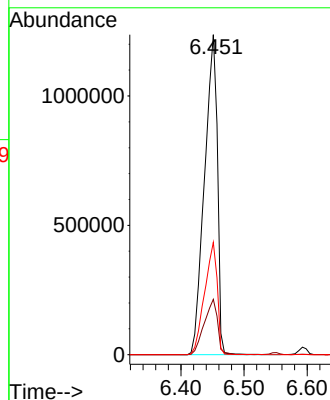
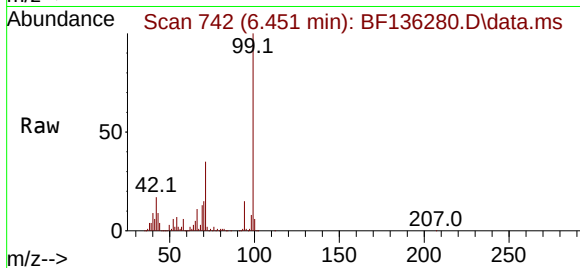
Tgt Ion: 99 Resp: 1747137

Ion Ratio Lower Upper

99 100

42 17.3 15.0 22.6

71 35.1 28.9 43.3



#8

2-Chlorophenol

Concen: 46.065 ng

RT: 6.592 min Scan# 766

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

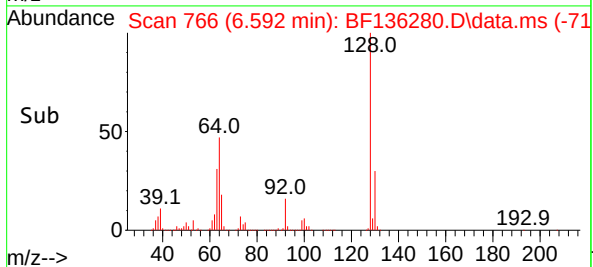
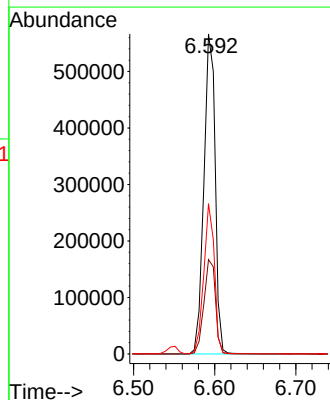
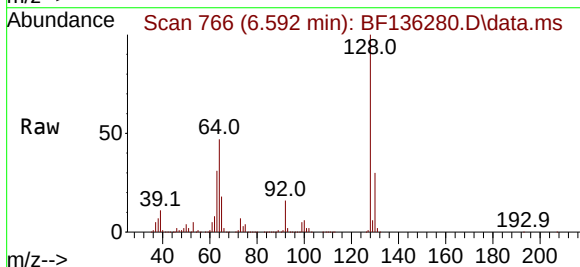
Tgt Ion:128 Resp: 547291

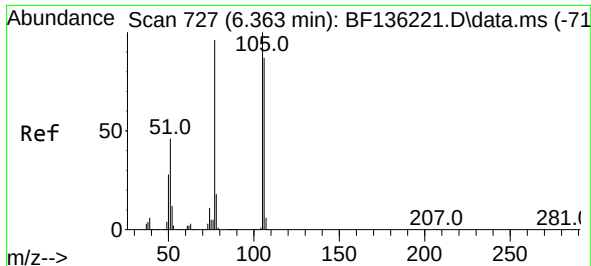
Ion Ratio Lower Upper

128 100

130 29.5 10.3 50.3

64 46.9 30.0 70.0

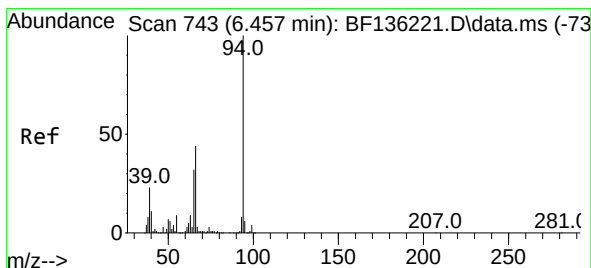
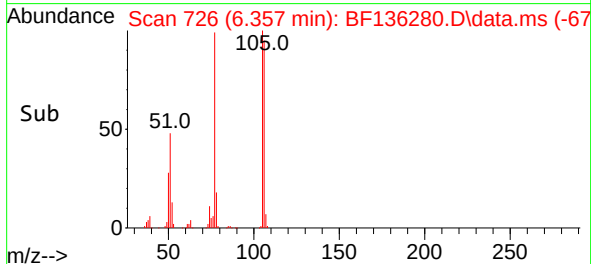
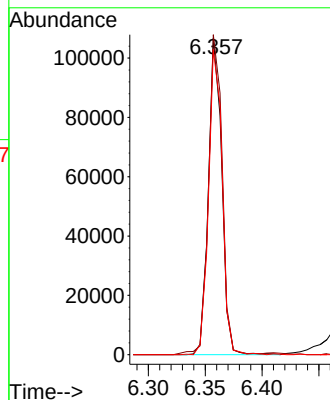
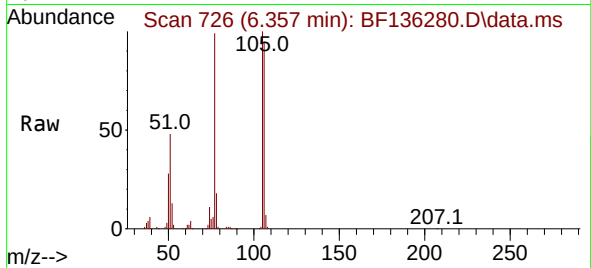




#9  
Benzaldehyde  
Concen: 11.452 ng  
RT: 6.357 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

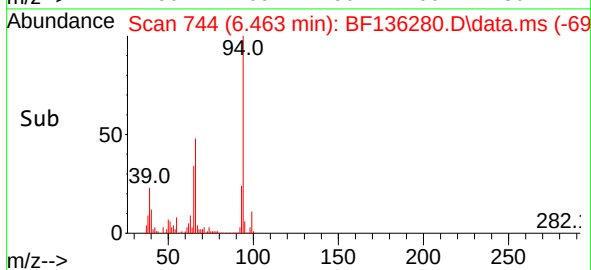
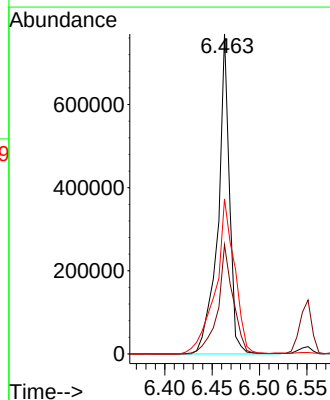
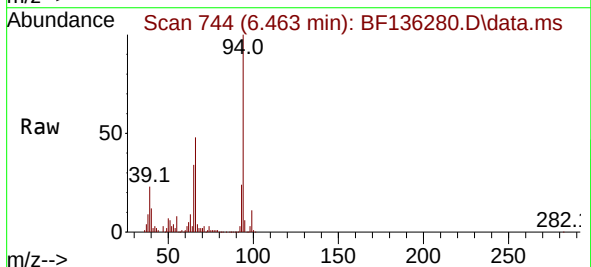
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

Tgt Ion: 77 Resp: 87080  
Ion Ratio Lower Upper  
77 100  
105 101.1 84.3 124.3  
106 96.4 71.0 111.0

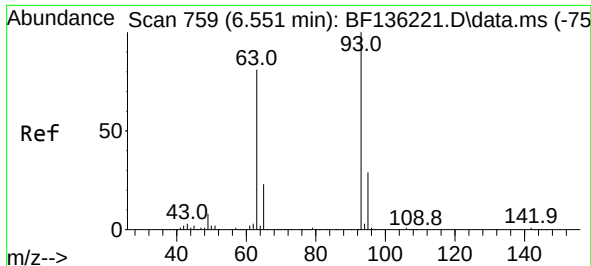


#10  
Phenol  
Concen: 44.524 ng  
RT: 6.463 min Scan# 744  
Delta R.T. 0.006 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion: 94 Resp: 651696  
Ion Ratio Lower Upper  
94 100  
65 34.2 12.5 52.5  
66 48.5 24.1 64.1







#11

bis(2-Chloroethyl)ether

Concen: 45.141 ng

RT: 6.551 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

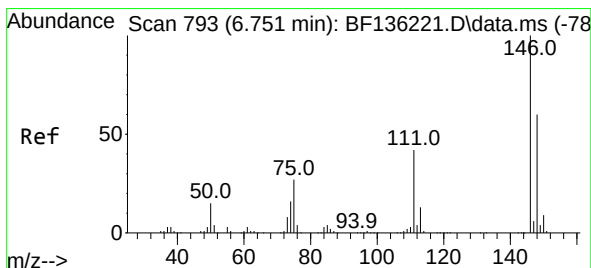
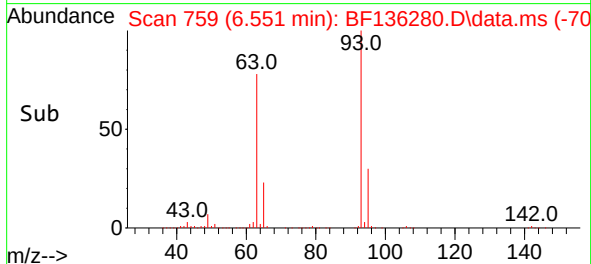
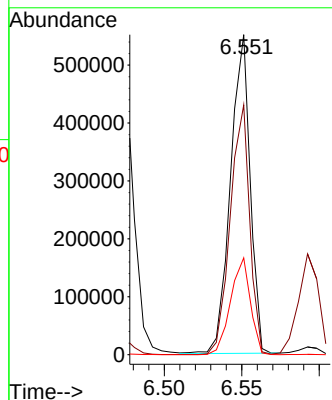
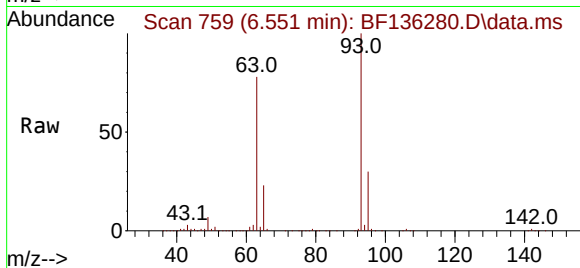
Tgt Ion: 93 Resp: 484709

Ion Ratio Lower Upper

93 100

63 78.1 60.2 100.2

95 30.3 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 42.616 ng

RT: 6.751 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

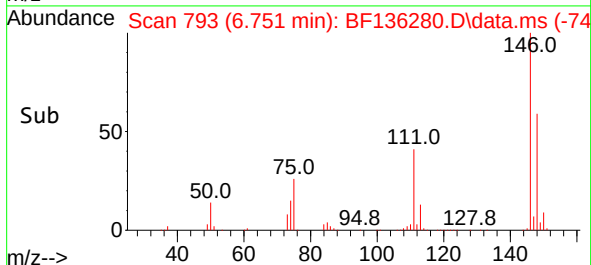
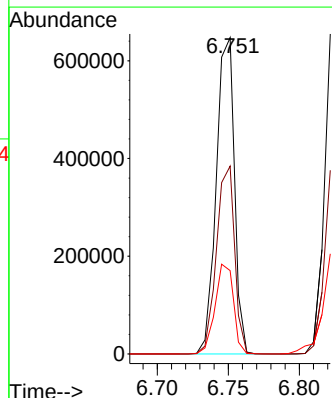
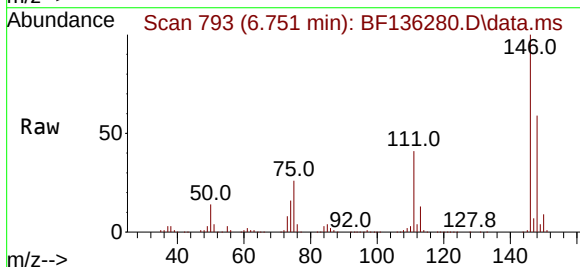
Tgt Ion: 146 Resp: 574582

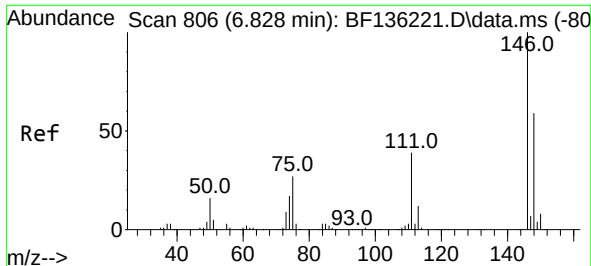
Ion Ratio Lower Upper

146 100

148 59.4 47.8 71.6

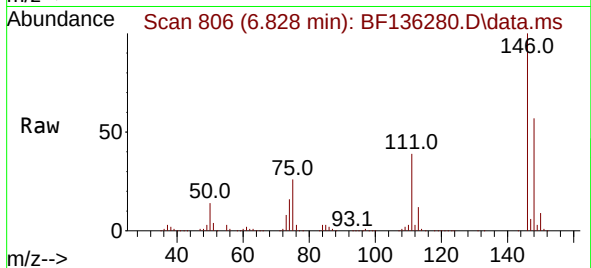
75 26.3 22.0 33.0



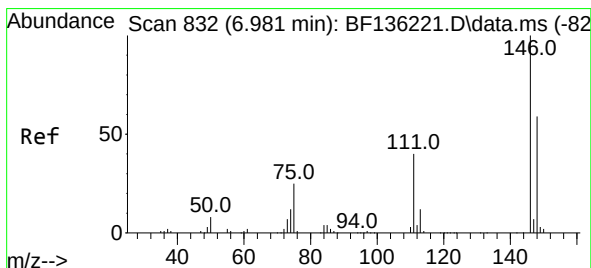
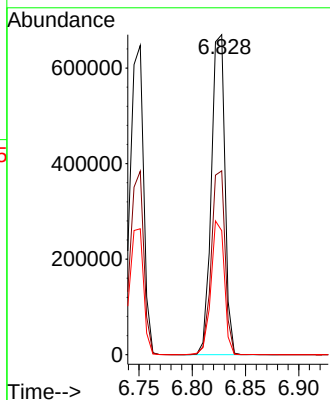
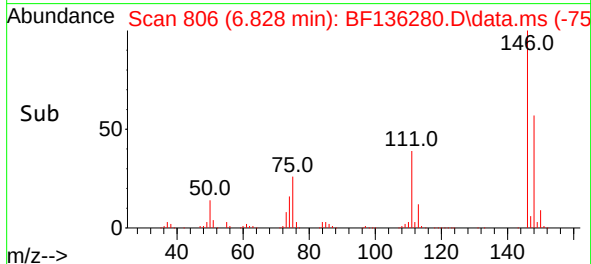


#13  
1,4-Dichlorobenzene  
Concen: 43.298 ng  
RT: 6.828 min Scan# 806  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

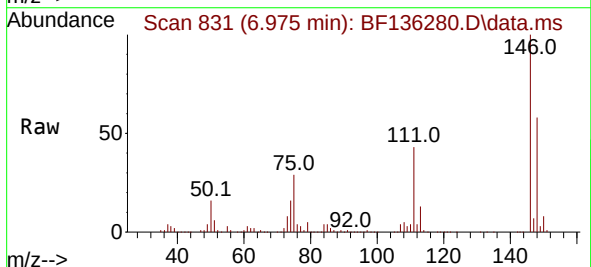
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS



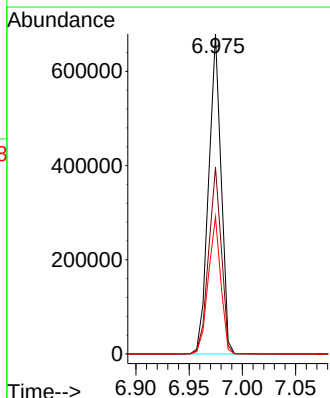
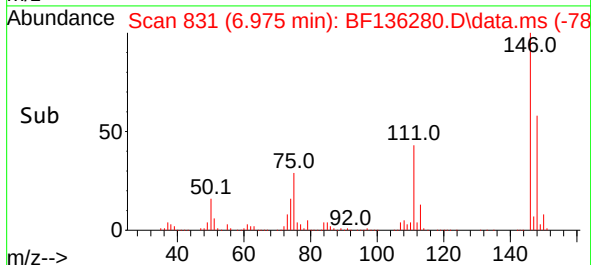
Tgt Ion:146 Resp: 593464  
Ion Ratio Lower Upper  
146 100  
148 57.5 47.0 70.6  
111 38.7 31.5 47.3

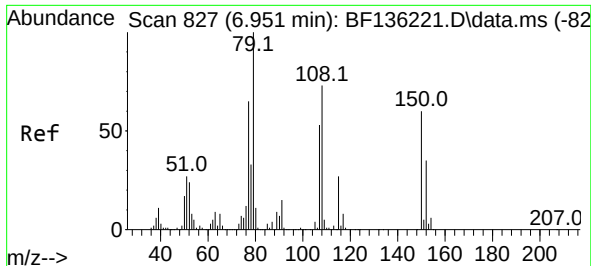


#14  
1,2-Dichlorobenzene  
Concen: 42.765 ng  
RT: 6.975 min Scan# 831  
Delta R.T. -0.006 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21



Tgt Ion:146 Resp: 554922  
Ion Ratio Lower Upper  
146 100  
148 58.4 47.3 70.9  
111 42.9 32.4 48.6

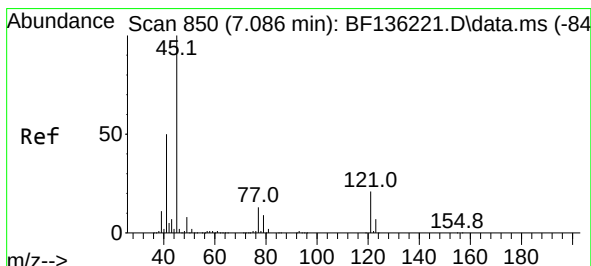
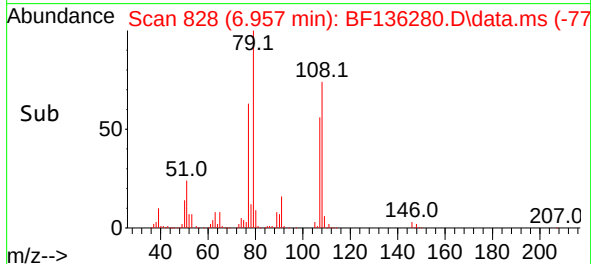
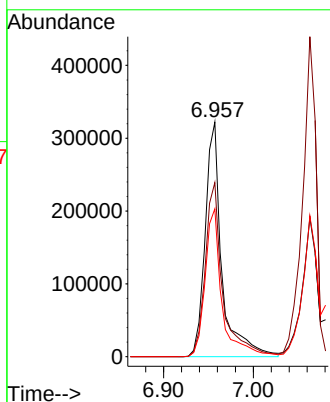
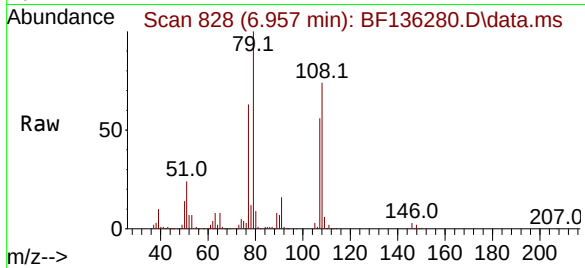




#15  
Benzyl Alcohol  
Concen: 43.681 ng  
RT: 6.957 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

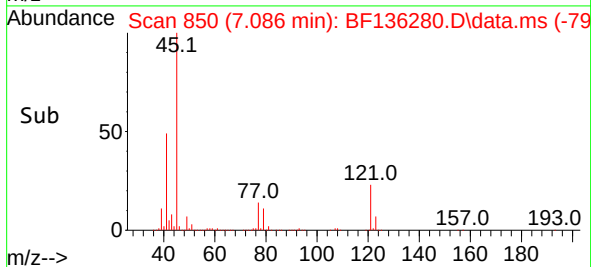
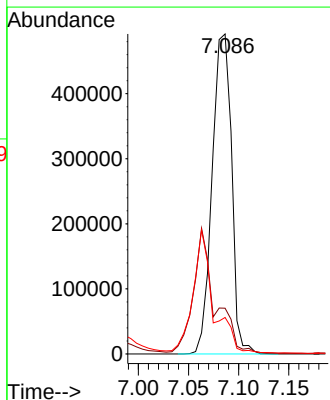
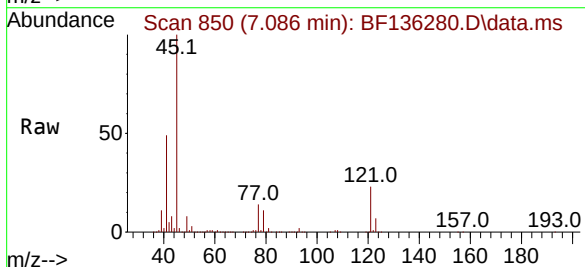
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

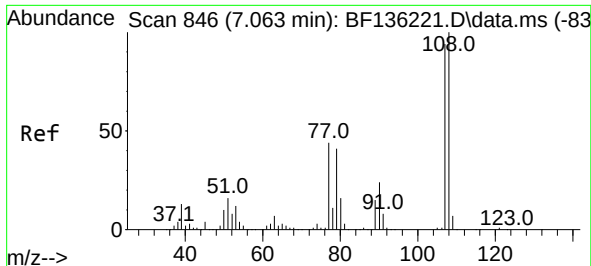
Tgt Ion: 79 Resp: 417840  
Ion Ratio Lower Upper  
79 100  
108 74.2 58.1 87.1  
77 63.0 51.8 77.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.374 ng  
RT: 7.086 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion: 45 Resp: 661836  
Ion Ratio Lower Upper  
45 100  
77 14.3 0.0 34.0  
79 11.4 0.0 30.1

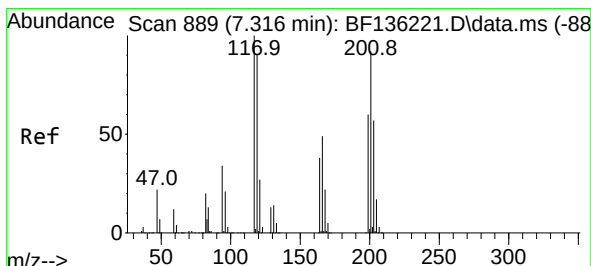
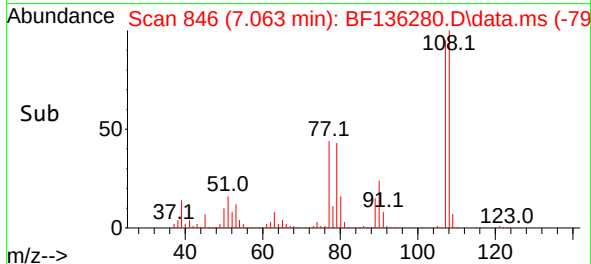
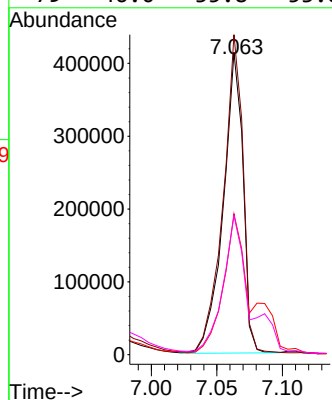
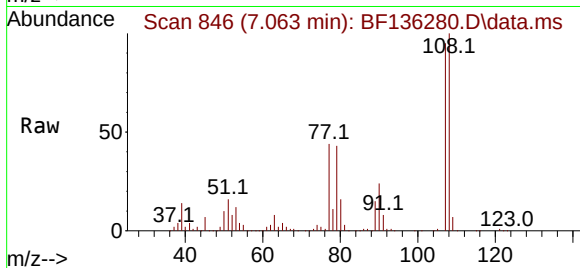




#17  
2-Methylphenol  
Concen: 46.121 ng  
RT: 7.063 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

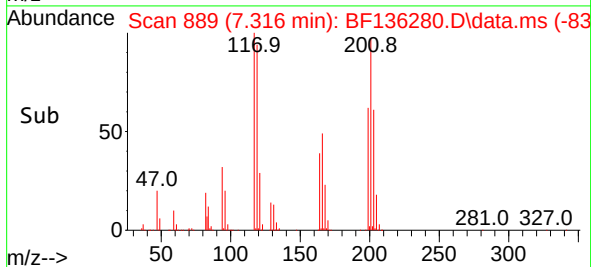
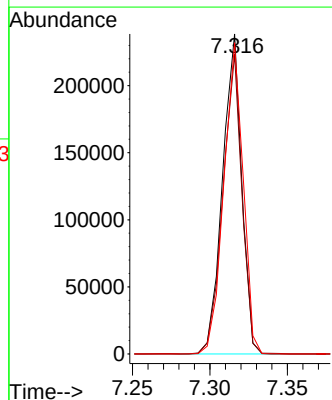
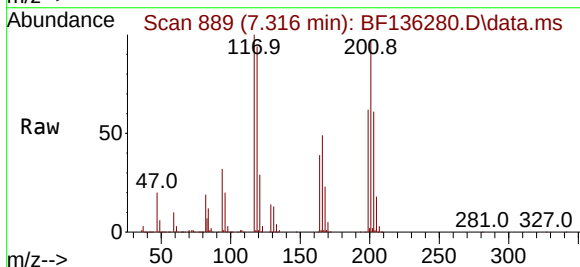
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

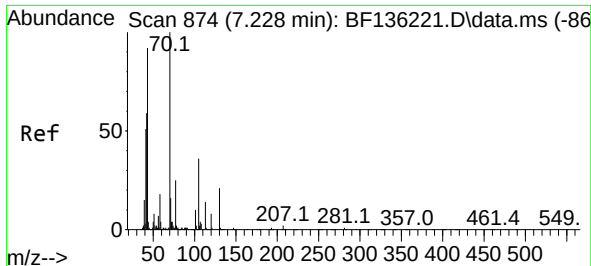
Tgt Ion:107 Resp: 430791  
Ion Ratio Lower Upper  
107 100  
108 105.8 85.4 128.0  
77 46.5 37.4 56.2  
79 46.0 35.8 53.8



#18  
Hexachloroethane  
Concen: 42.595 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion:117 Resp: 204787  
Ion Ratio Lower Upper  
117 100  
119 93.7 71.6 107.4  
201 97.3 73.4 110.2



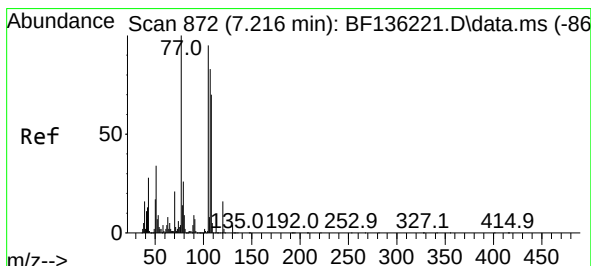
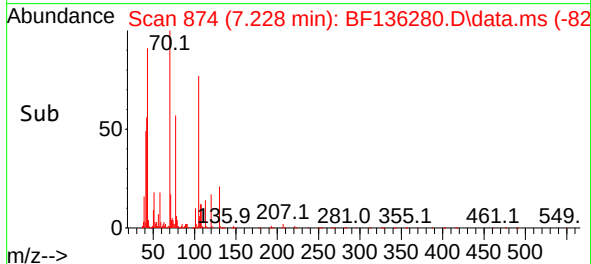
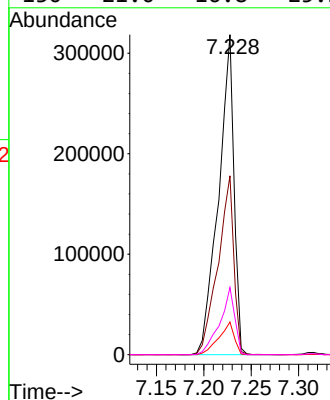
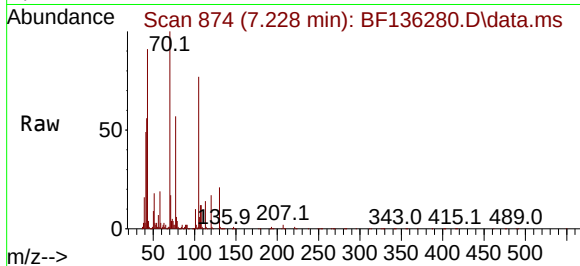


#19  
n-Nitroso-di-n-propylamine  
Concen: 44.485 ng  
RT: 7.228 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

Tgt Ion: 70 Resp: 362995

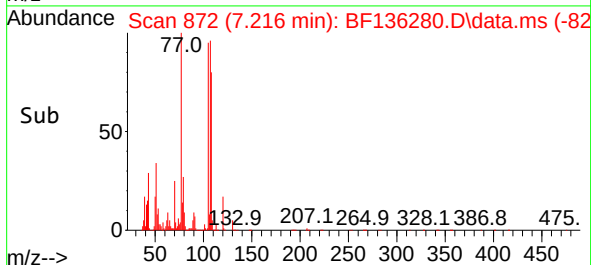
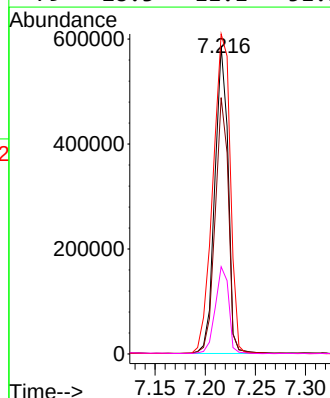
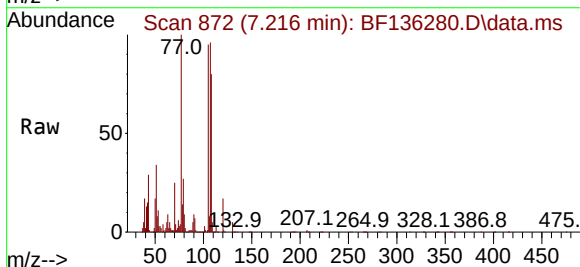
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 55.9  | 47.0  | 70.4  |
| 101 | 10.2  | 7.8   | 11.8  |
| 130 | 21.0  | 16.8  | 25.2  |

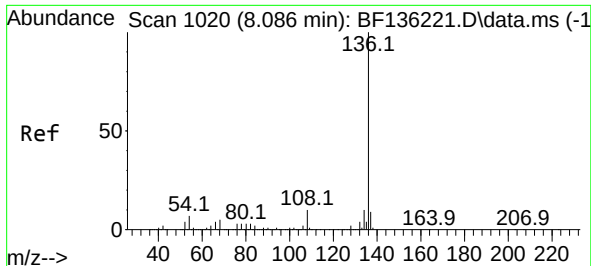


#20  
3+4-Methylphenols  
Concen: 44.344 ng  
RT: 7.216 min Scan# 872  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion: 107 Resp: 538297

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 83.3  | 63.9  | 103.9 |
| 77  | 104.0 | 100.2 | 140.2 |
| 79  | 28.3  | 11.1  | 51.1  |

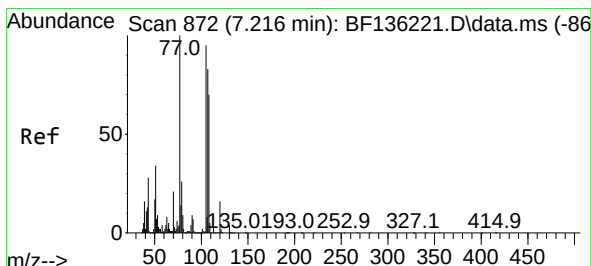
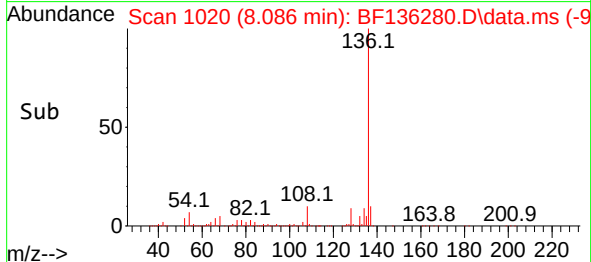
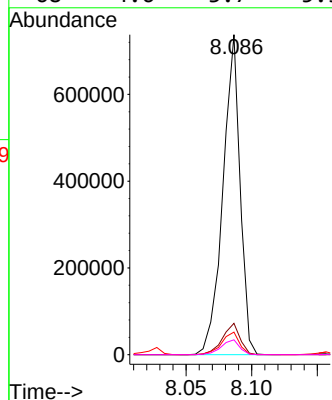
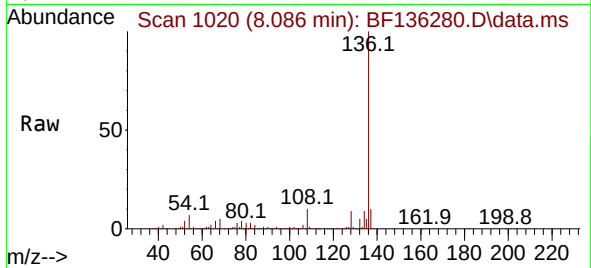




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.086 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

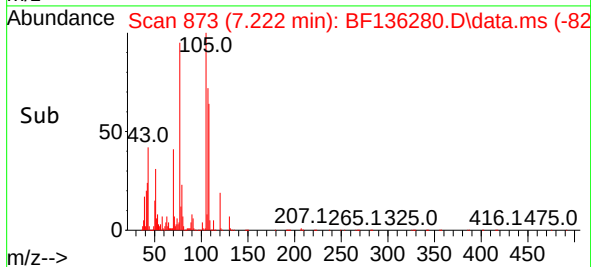
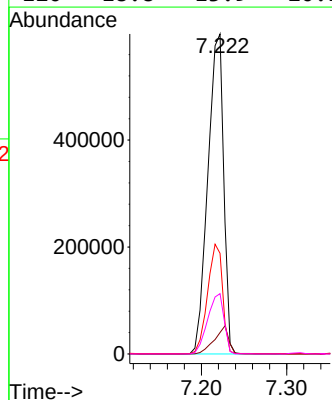
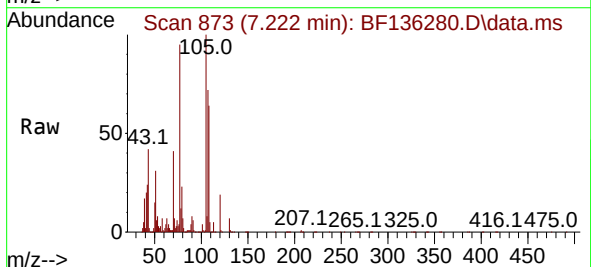
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

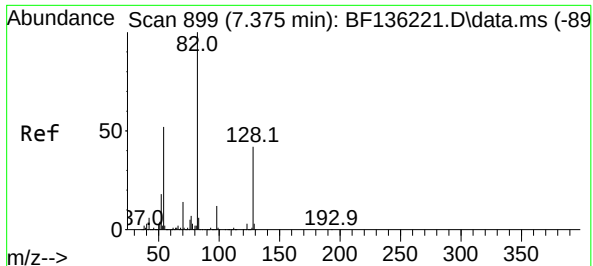
Tgt Ion:136 Resp: 669391  
Ion Ratio Lower Upper  
136 100  
137 9.8 7.4 11.2  
54 7.1 5.5 8.3  
68 4.6 3.7 5.5



#22  
Acetophenone  
Concen: 43.891 ng  
RT: 7.222 min Scan# 873  
Delta R.T. 0.006 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion:105 Resp: 771626  
Ion Ratio Lower Upper  
105 100  
71 6.7 2.8 4.2#  
51 31.5 29.0 43.6  
120 18.8 13.9 20.9





#23

Nitrobenzene-d5

Concen: 84.348 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

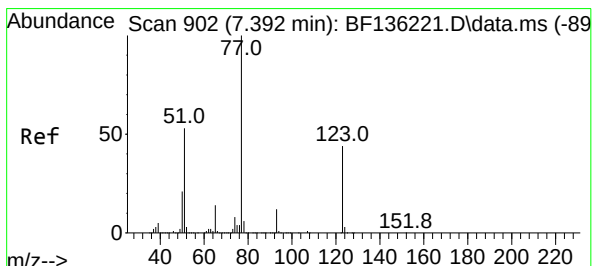
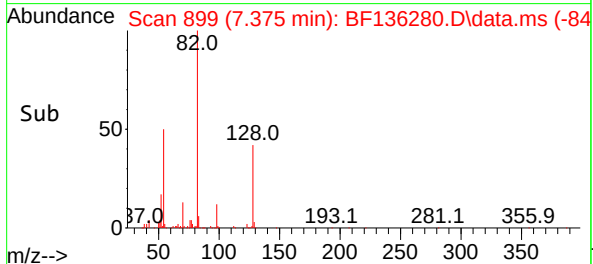
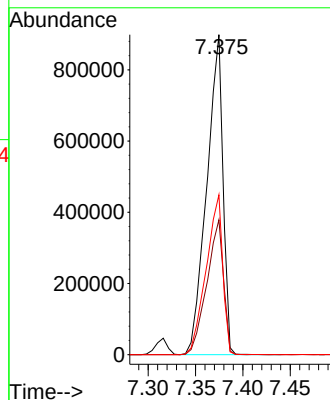
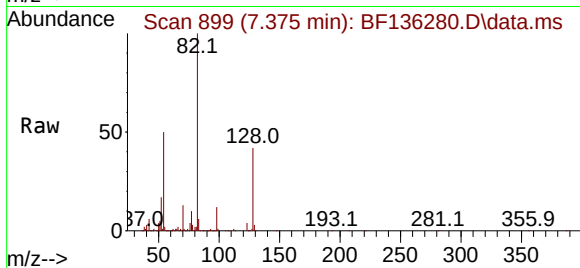
Tgt Ion: 82 Resp: 1068476

Ion Ratio Lower Upper

82 100

128 42.2 33.4 50.2

54 50.0 41.7 62.5



#24

Nitrobenzene

Concen: 41.723 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

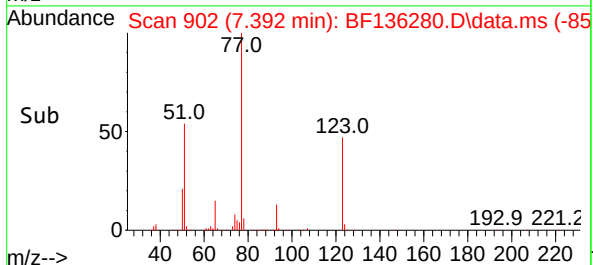
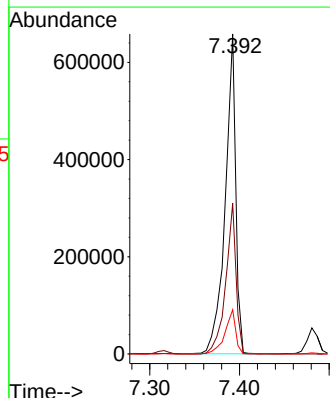
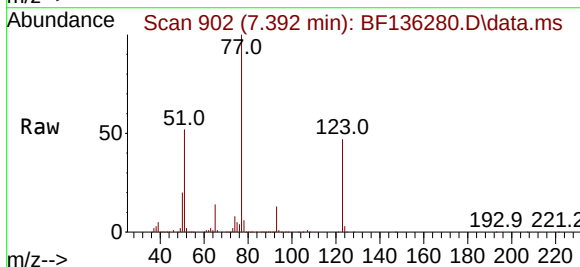
Tgt Ion: 77 Resp: 535594

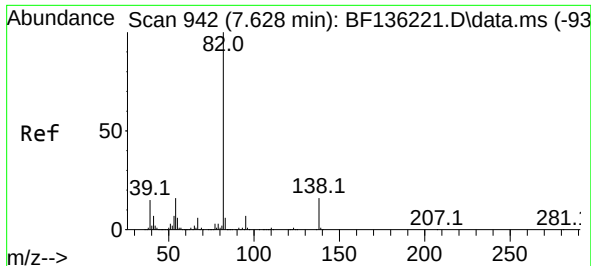
Ion Ratio Lower Upper

77 100

123 47.1 35.4 53.2

65 13.8 11.0 16.6

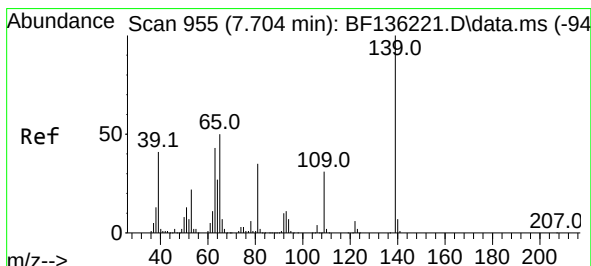
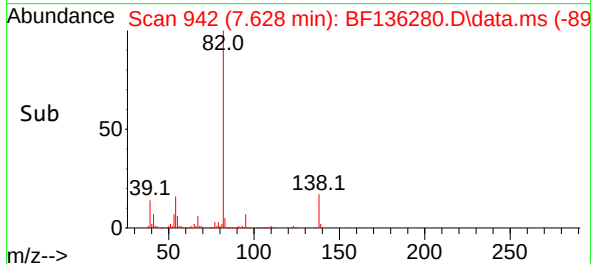
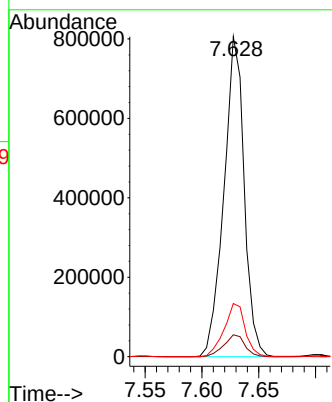
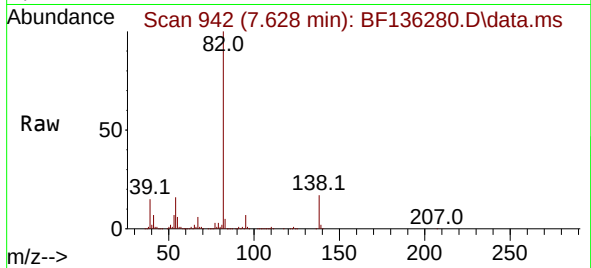




#25  
Isophorone  
Concen: 43.787 ng  
RT: 7.628 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

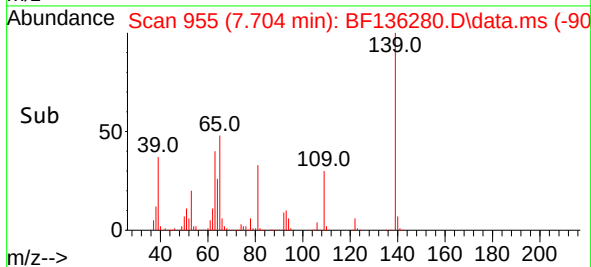
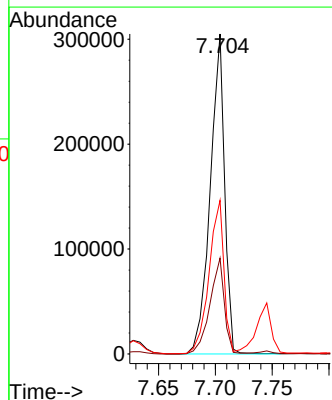
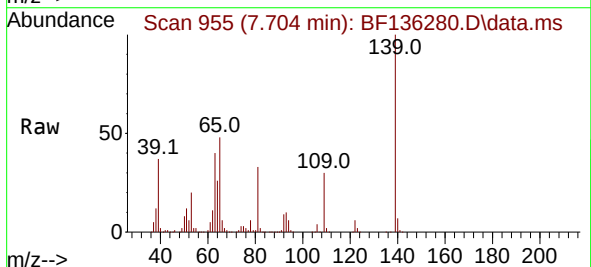
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

Tgt Ion: 82 Resp: 1000145  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.5 8.3  
138 16.6 12.8 19.2

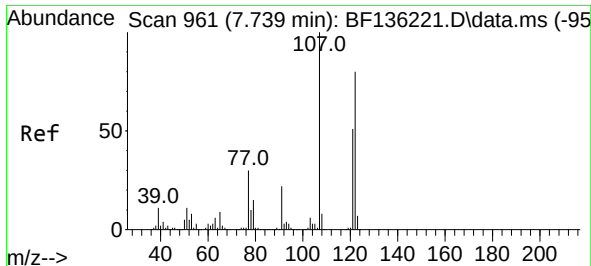


#26  
2-Nitrophenol  
Concen: 49.126 ng  
RT: 7.704 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion:139 Resp: 268696  
Ion Ratio Lower Upper  
139 100  
109 29.9 25.0 37.6  
65 48.0 40.4 60.6







#27

2,4-Dimethylphenol

Concen: 62.954 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

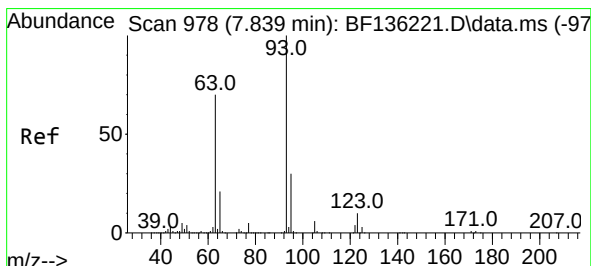
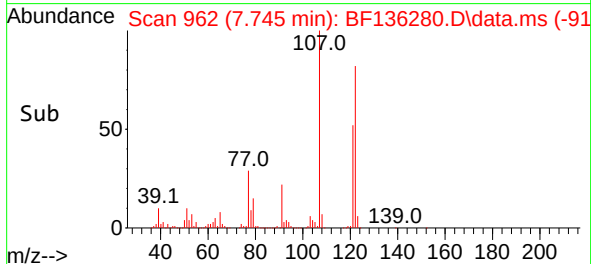
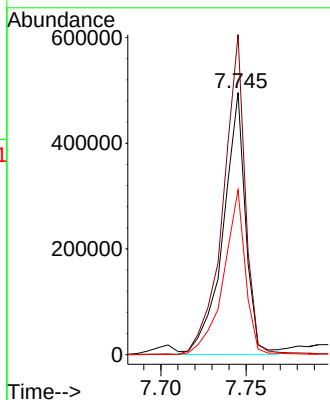
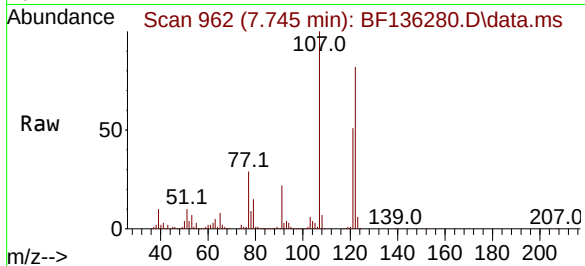
Tgt Ion:122 Resp: 453213

Ion Ratio Lower Upper

122 100

107 122.1 100.0 150.0

121 62.9 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.311 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

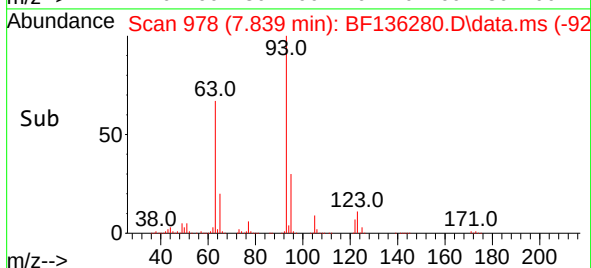
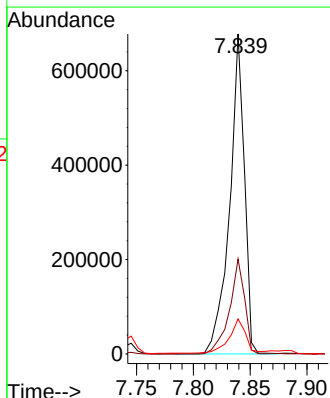
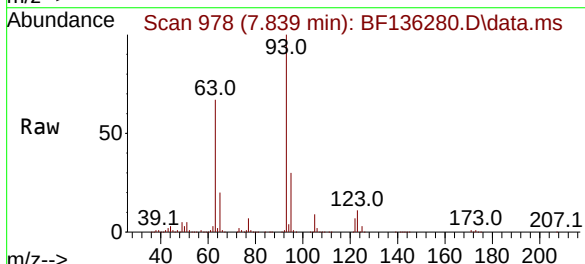
Tgt Ion: 93 Resp: 612204

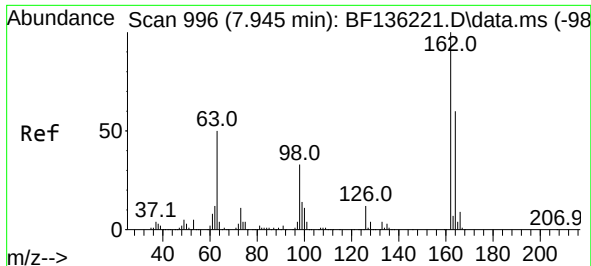
Ion Ratio Lower Upper

93 100

95 29.6 23.8 35.6

123 11.0 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 46.391 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

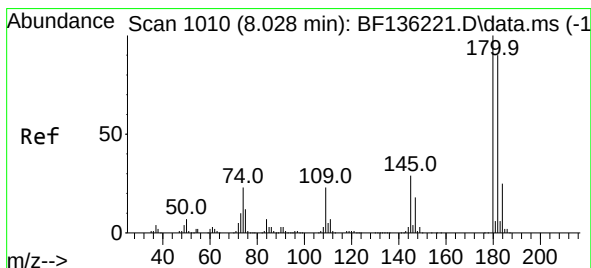
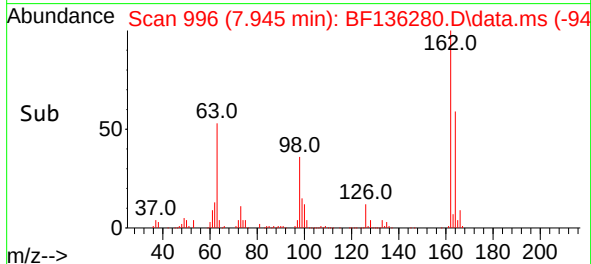
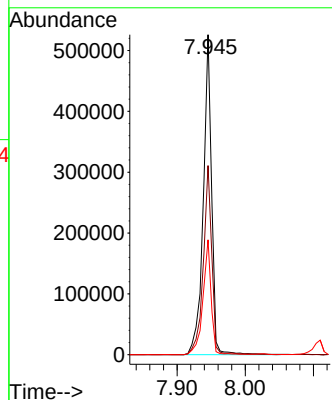
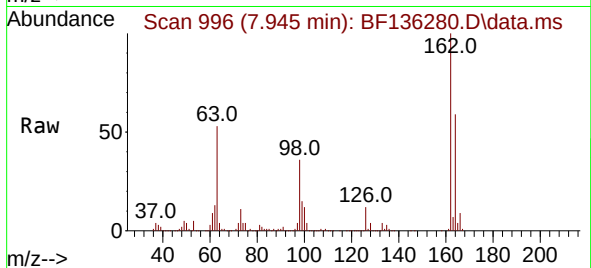
Tgt Ion:162 Resp: 450465

Ion Ratio Lower Upper

162 100

164 59.1 40.3 80.3

98 35.9 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 42.084 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

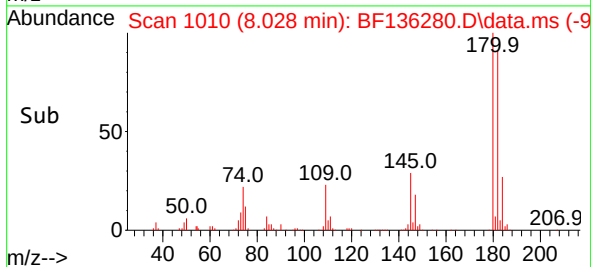
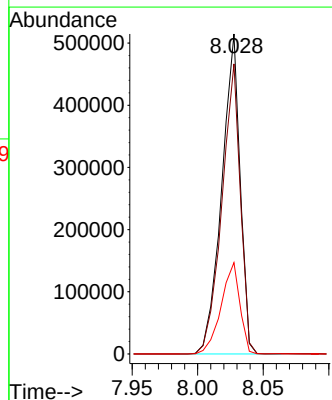
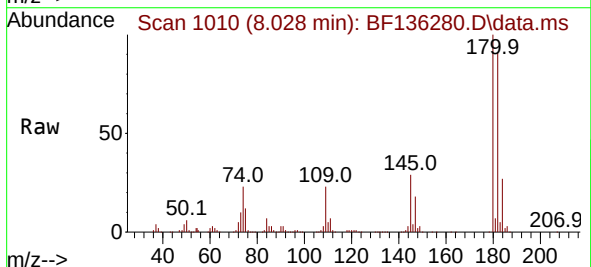
Tgt Ion:180 Resp: 500314

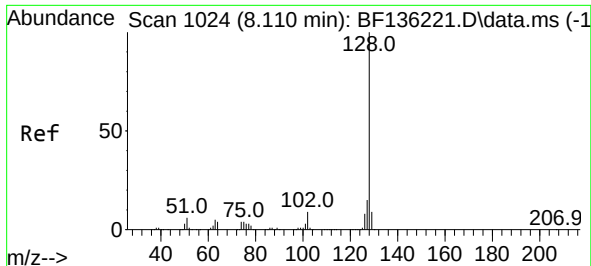
Ion Ratio Lower Upper

180 100

182 90.6 71.6 107.4

145 28.5 23.0 34.4

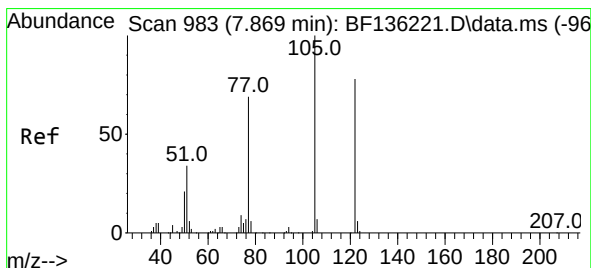
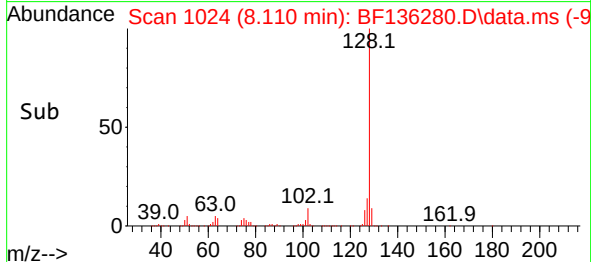
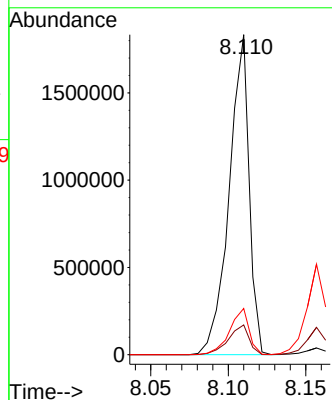
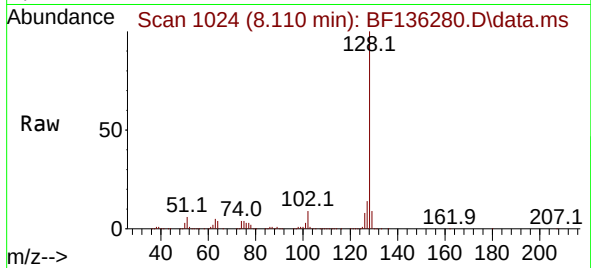




#31  
Naphthalene  
Concen: 43.700 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

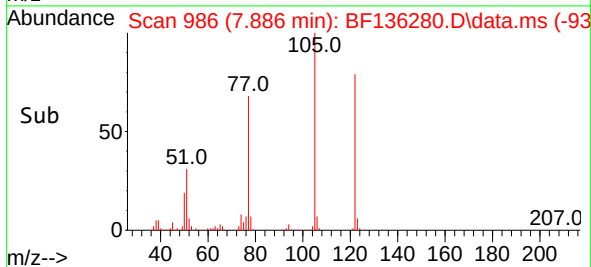
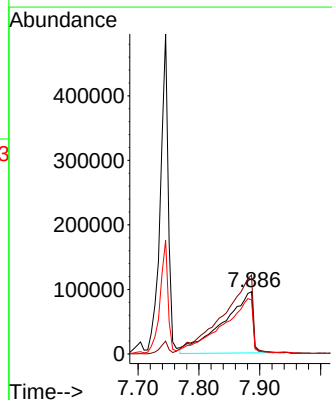
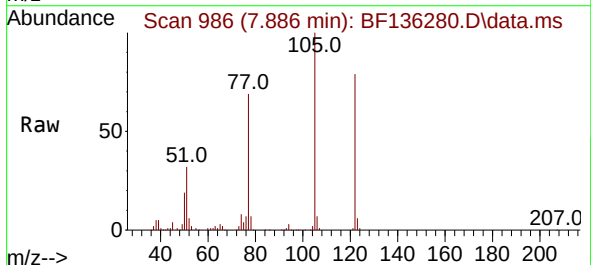
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

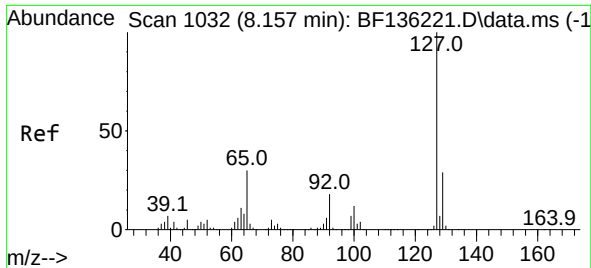
Tgt Ion:128 Resp: 1644222  
Ion Ratio Lower Upper  
128 100  
129 9.3 7.3 10.9  
127 14.4 11.8 17.6



#32  
Benzoic acid  
Concen: 49.848 ng  
RT: 7.886 min Scan# 986  
Delta R.T. 0.018 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion:122 Resp: 327055  
Ion Ratio Lower Upper  
122 100  
105 126.7 103.7 143.7  
77 86.9 66.8 106.8

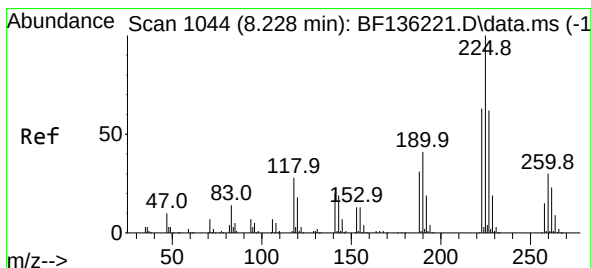
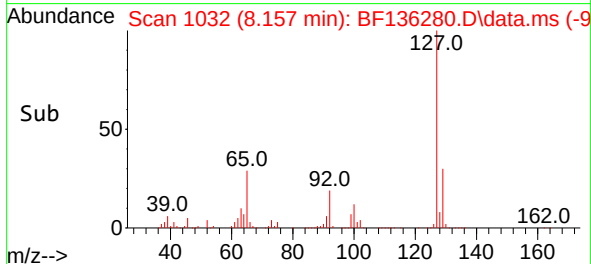
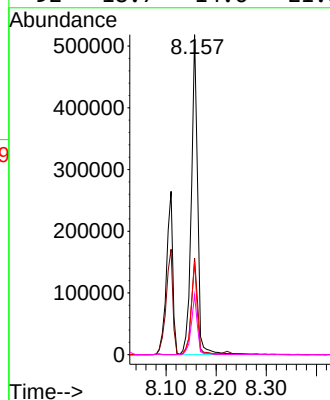
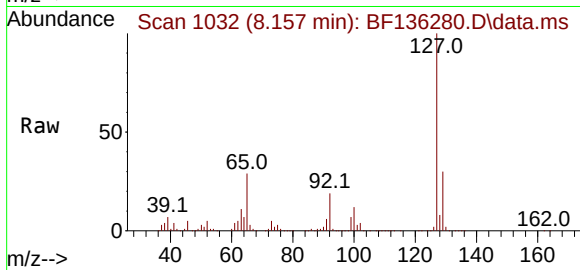




#33  
4-Chloroaniline  
Concen: 35.389 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

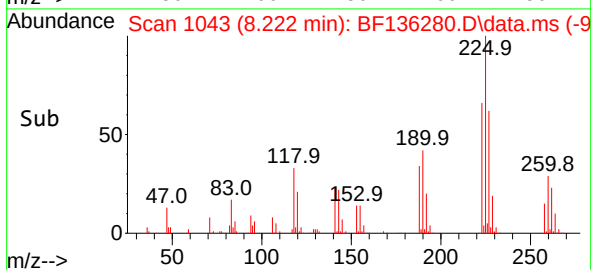
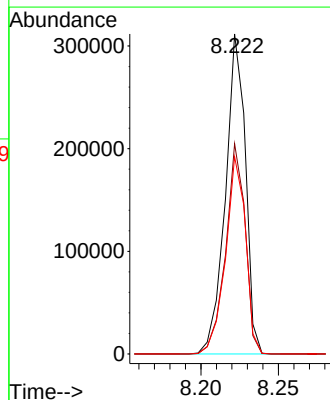
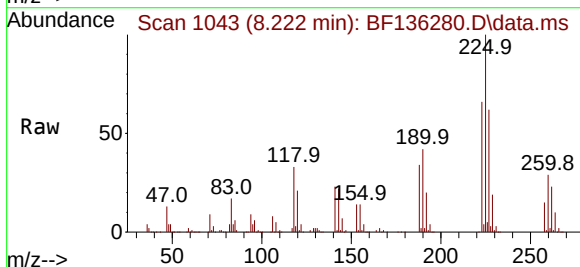
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

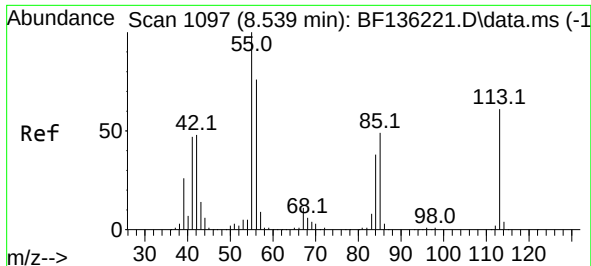
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 452599 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 30.2  | 23.4  | 35.2   |
| 65       | 29.1  | 23.8  | 35.6   |
| 92       | 18.7  | 14.6  | 21.8   |



#34  
Hexachlorobutadiene  
Concen: 40.198 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. -0.006 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 279587 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.7  | 50.6  | 75.8   |
| 227      | 61.7  | 49.6  | 74.4   |

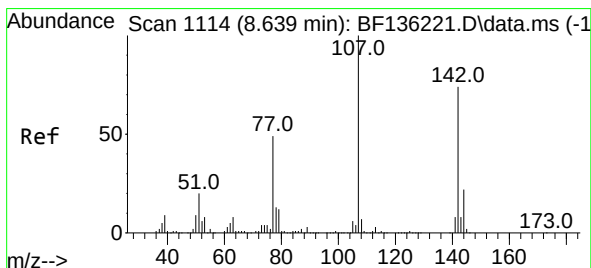
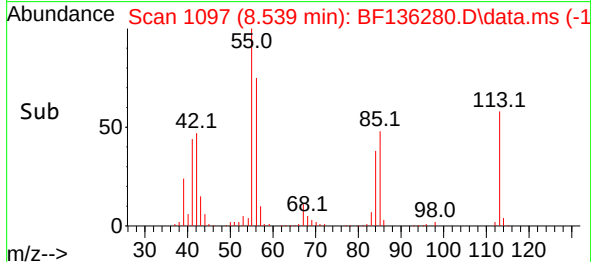
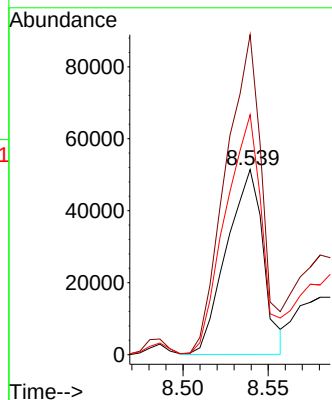
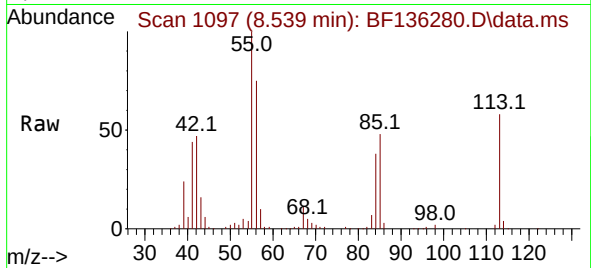




#35  
 Caprolactam  
 Concen: 28.351 ng  
 RT: 8.539 min Scan# 1097  
 Delta R.T. 0.000 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21

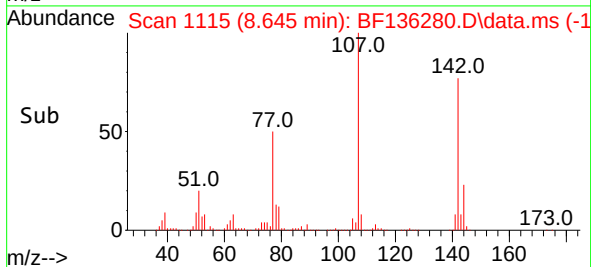
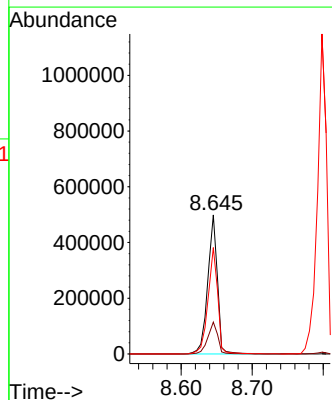
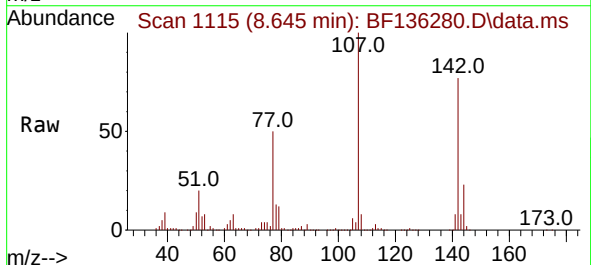
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157160BS

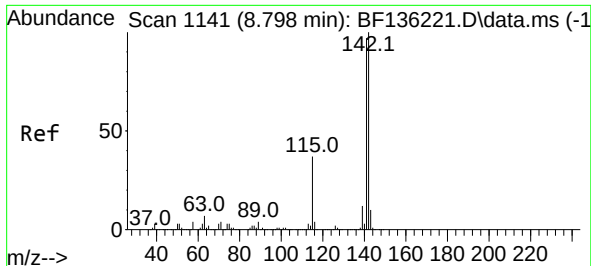
Tgt Ion:113 Resp: 76960  
 Ion Ratio Lower Upper  
 113 100  
 55 172.8 143.1 183.1  
 56 129.6 103.6 143.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.015 ng  
 RT: 8.645 min Scan# 1115  
 Delta R.T. 0.006 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21

Tgt Ion:107 Resp: 474071  
 Ion Ratio Lower Upper  
 107 100  
 144 22.9 17.8 26.8  
 142 76.6 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.746 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

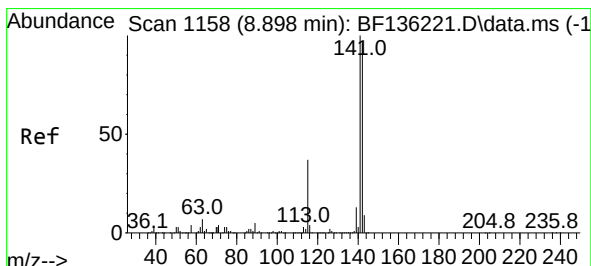
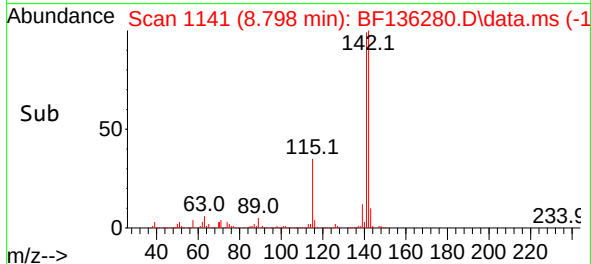
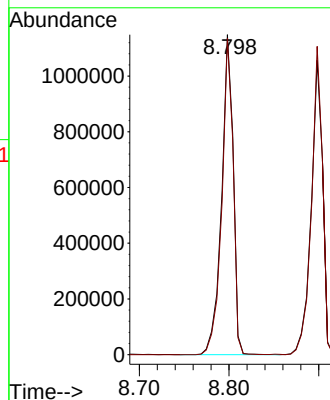
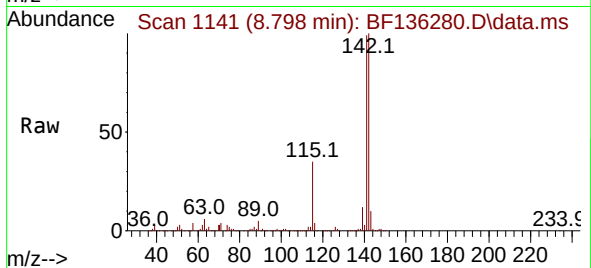
PB157160BS

Tgt Ion:142 Resp: 1032489

Ion Ratio Lower Upper

142 100

141 98.8 77.8 116.8



#38

1-Methylnaphthalene

Concen: 41.030 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136280.D

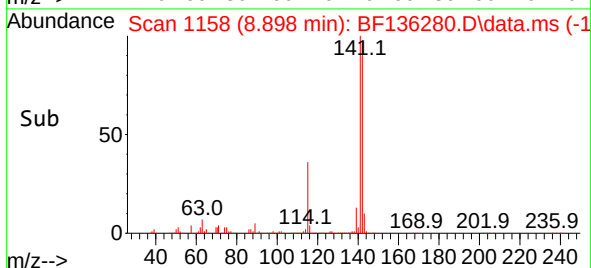
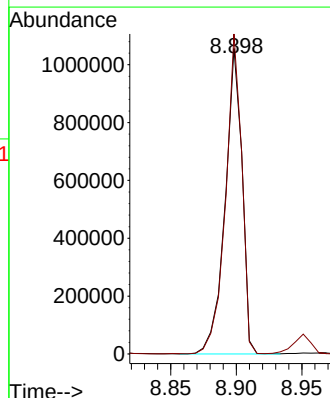
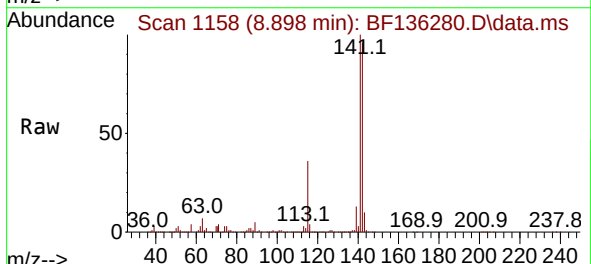
Acq: 29 Nov 2023 13:21

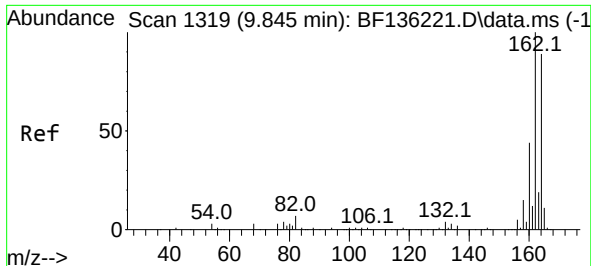
Tgt Ion:142 Resp: 944684

Ion Ratio Lower Upper

142 100

141 104.7 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

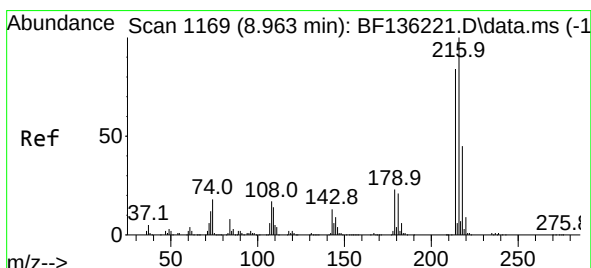
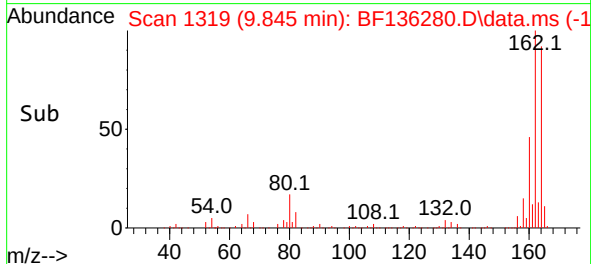
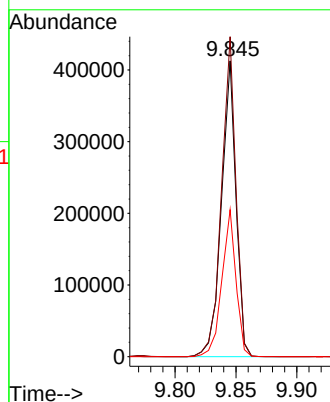
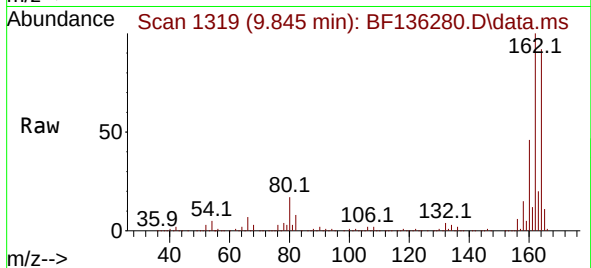
Tgt Ion:164 Resp: 343078

Ion Ratio Lower Upper

164 100

162 108.2 89.5 134.3

160 49.7 39.6 59.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.584 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Tgt Ion:216 Resp: 486787

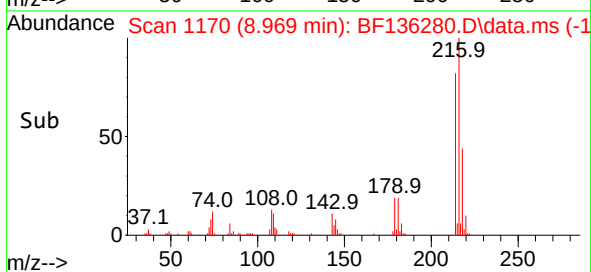
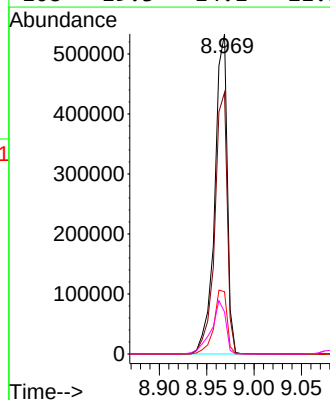
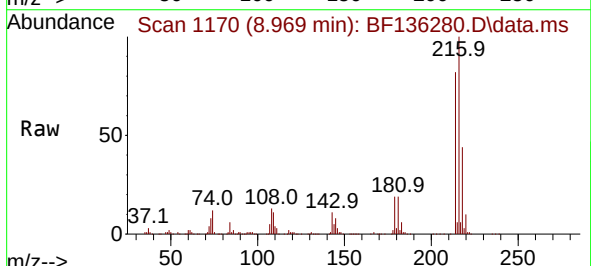
Ion Ratio Lower Upper

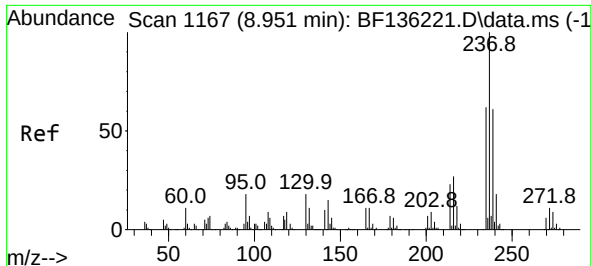
216 100

214 82.0 65.8 98.8

179 20.9 17.4 26.0

108 19.3 14.1 21.1

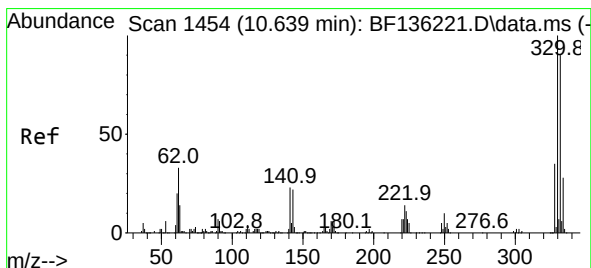
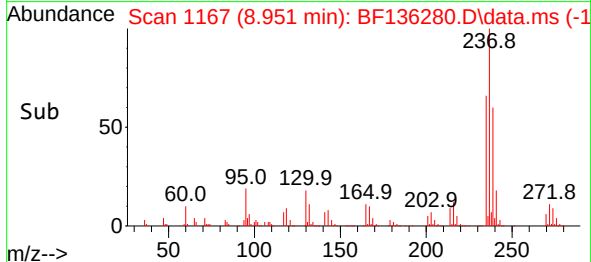
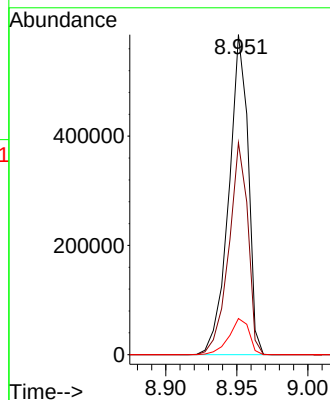
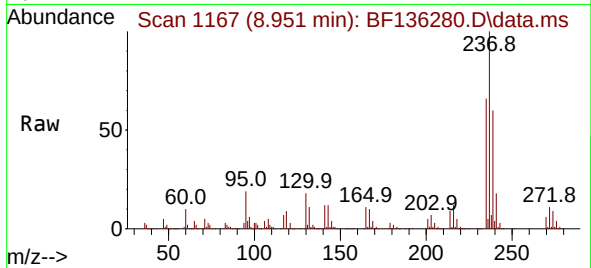




#41  
Hexachlorocyclopentadiene  
Concen: 131.888 ng  
RT: 8.951 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

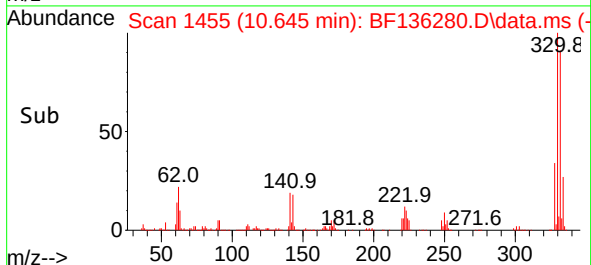
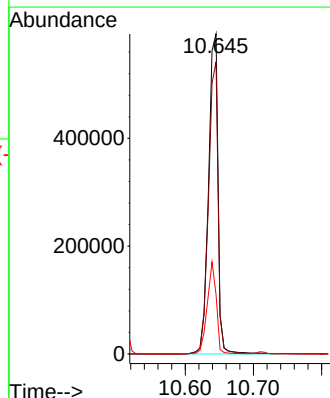
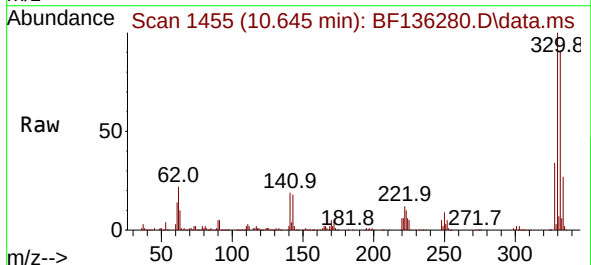
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

Tgt Ion:237 Resp: 554094  
Ion Ratio Lower Upper  
237 100  
235 66.2 42.1 82.1  
272 11.3 0.0 31.0

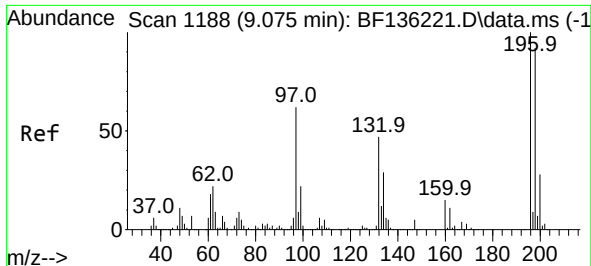


#42  
2,4,6-Tribromophenol  
Concen: 138.009 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. 0.006 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion:330 Resp: 578867  
Ion Ratio Lower Upper  
330 100  
332 91.8 73.0 109.6  
141 27.6 24.2 36.2







#43

2,4,6-Trichlorophenol

Concen: 45.960 ng

RT: 9.080 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

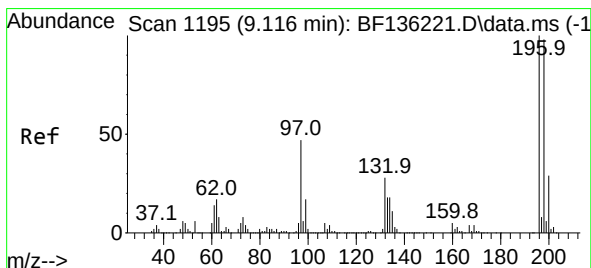
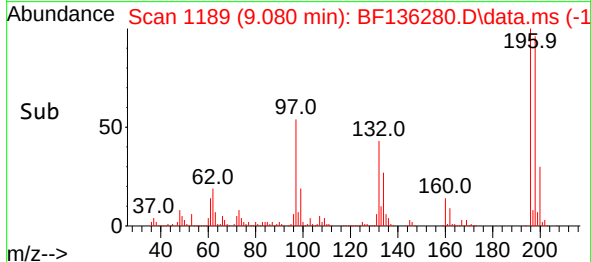
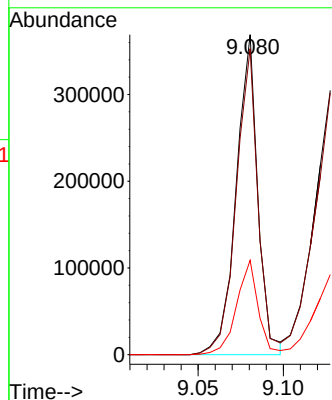
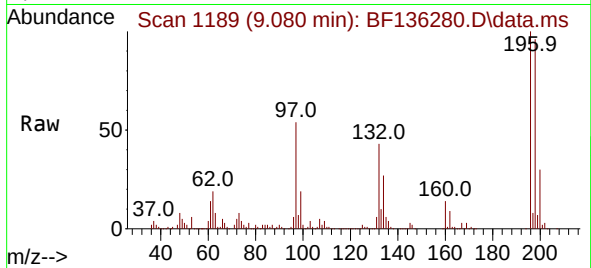
Tgt Ion:196 Resp: 325713

Ion Ratio Lower Upper

196 100

198 95.6 73.2 109.8

200 29.5 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 44.684 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.012 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Tgt Ion:196 Resp: 345579

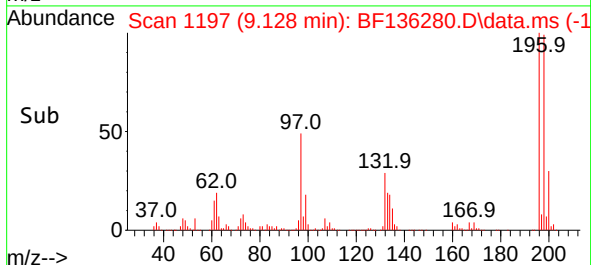
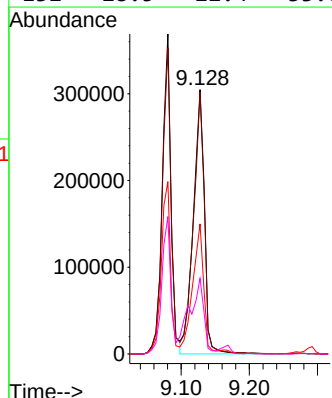
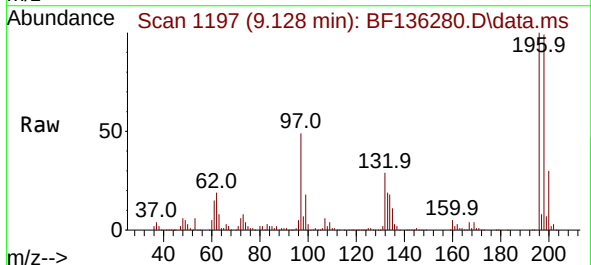
Ion Ratio Lower Upper

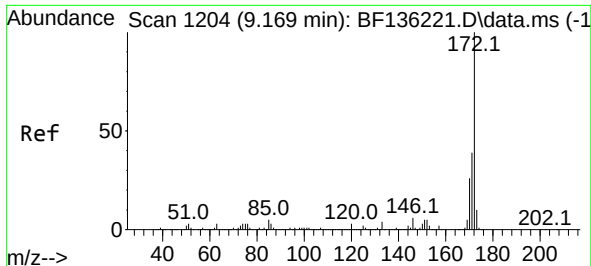
196 100

198 99.0 78.8 118.2

97 49.2 37.8 56.8

132 28.5 22.4 33.6

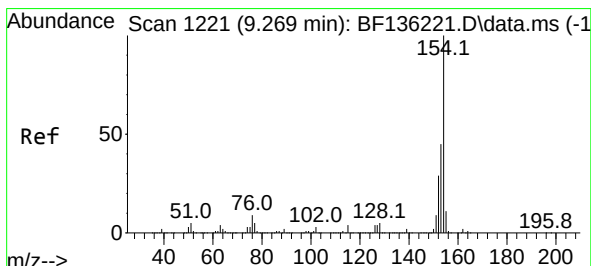
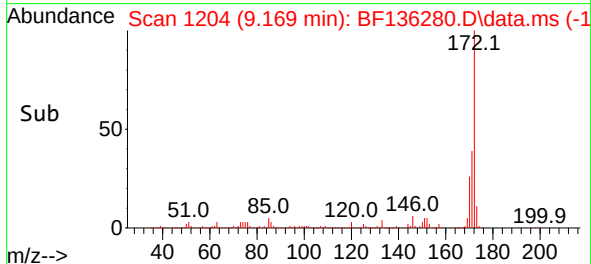
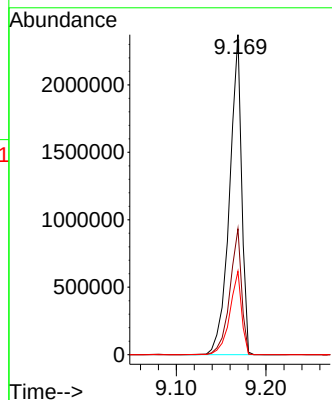
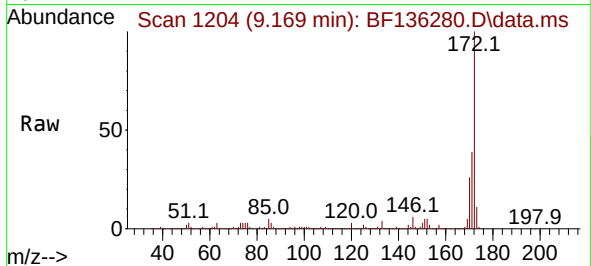




#45  
2-Fluorobiphenyl  
Concen: 82.799 ng  
RT: 9.169 min Scan# 1204  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

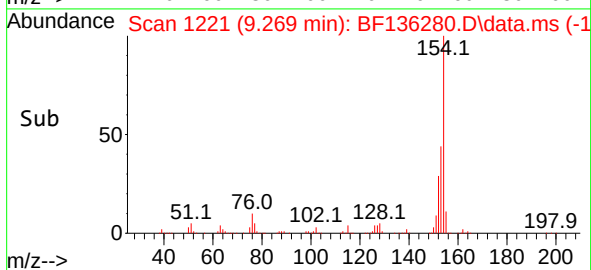
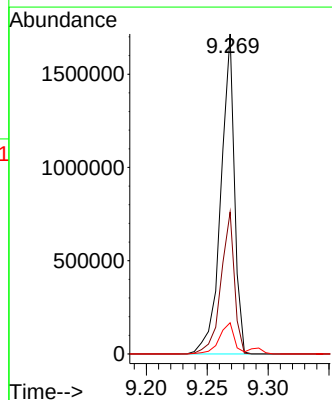
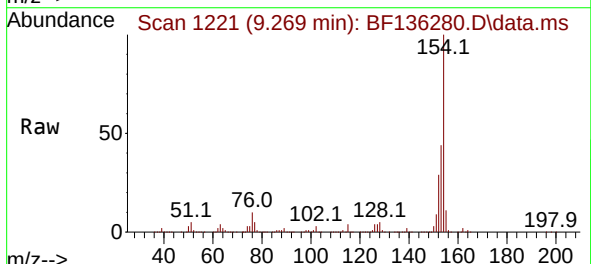
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

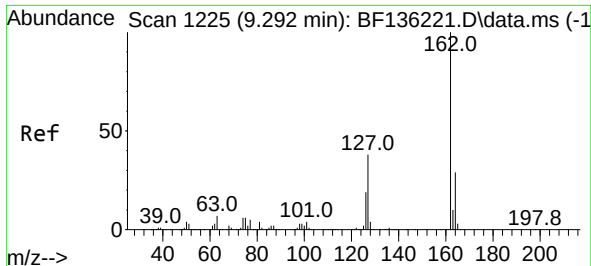
Tgt Ion:172 Resp: 2223953  
Ion Ratio Lower Upper  
172 100  
171 39.4 31.5 47.3  
170 26.0 20.8 31.2



#46  
1,1'-Biphenyl  
Concen: 44.187 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion:154 Resp: 1336842  
Ion Ratio Lower Upper  
154 100  
153 44.3 24.6 64.6  
76 9.7 0.0 29.4

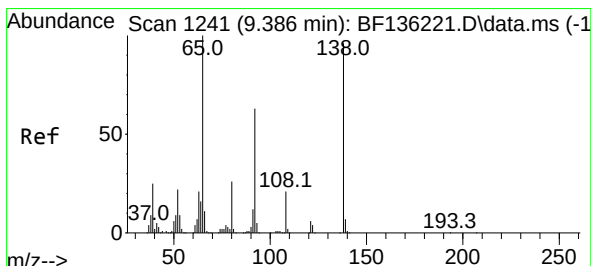
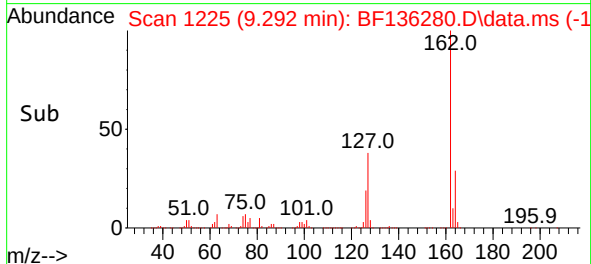
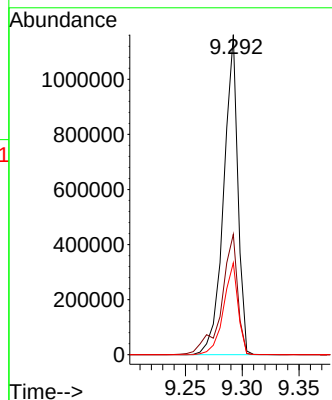
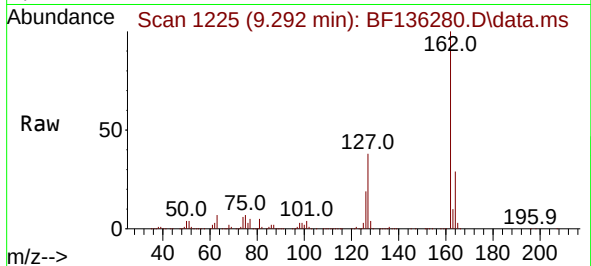




#47  
2-Chloronaphthalene  
Concen: 43.084 ng  
RT: 9.292 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

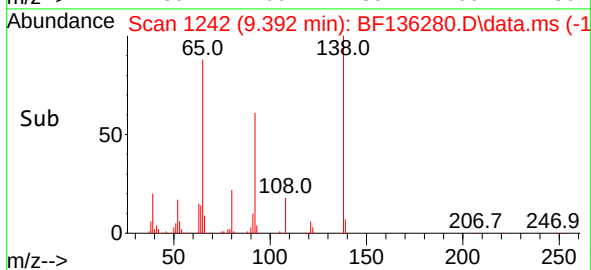
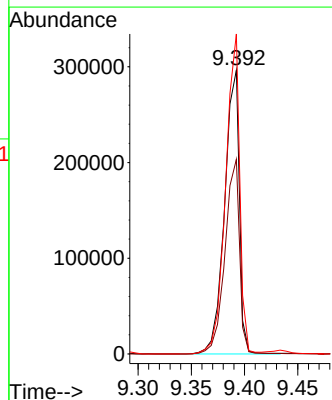
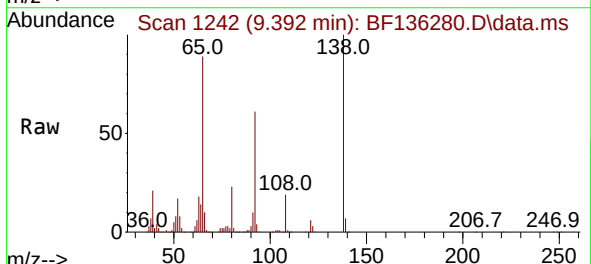
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

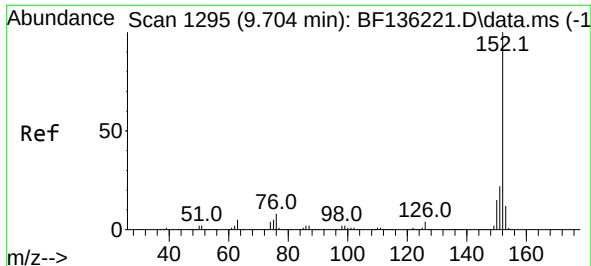
Tgt Ion:162 Resp: 1012250  
Ion Ratio Lower Upper  
162 100  
127 37.6 30.2 45.2  
164 28.7 22.8 34.2



#48  
2-Nitroaniline  
Concen: 46.410 ng  
RT: 9.392 min Scan# 1242  
Delta R.T. 0.006 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion: 65 Resp: 284690  
Ion Ratio Lower Upper  
65 100  
92 68.6 50.6 75.8  
138 112.8 76.7 115.1





#49

Acenaphthylene

Concen: 45.496 ng

RT: 9.710 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

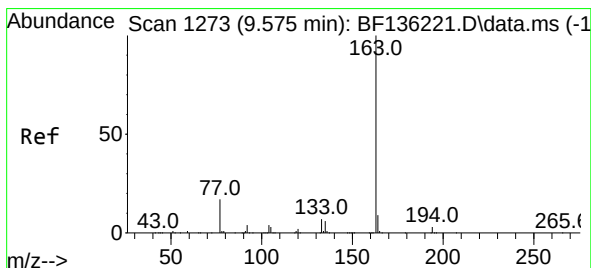
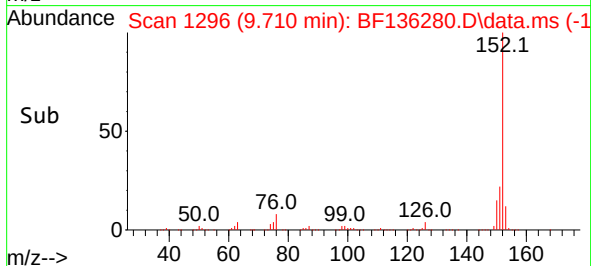
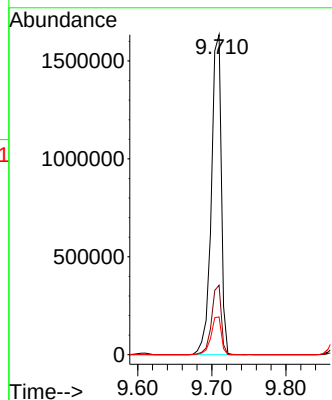
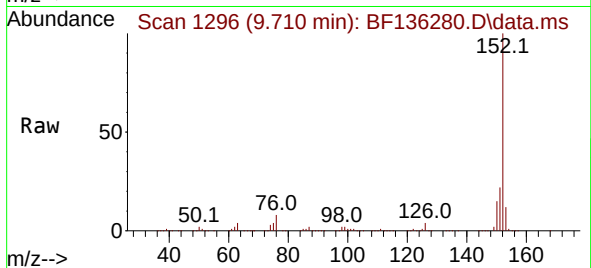
Tgt Ion:152 Resp: 1525429

Ion Ratio Lower Upper

152 100

151 21.7 17.5 26.3

153 11.8 9.6 14.4



#50

Dimethylphthalate

Concen: 45.468 ng

RT: 9.575 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

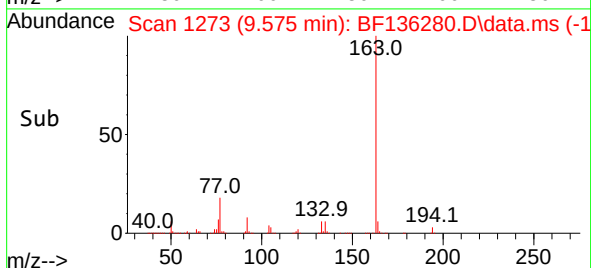
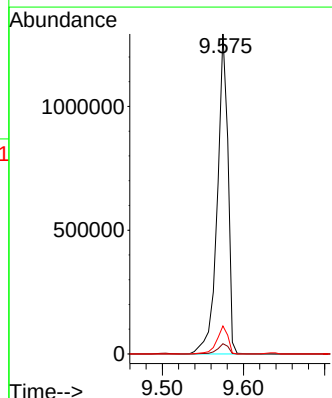
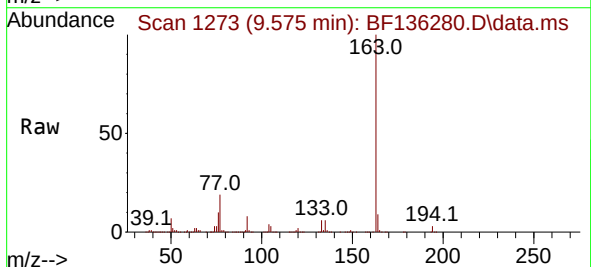
Tgt Ion:163 Resp: 1179006

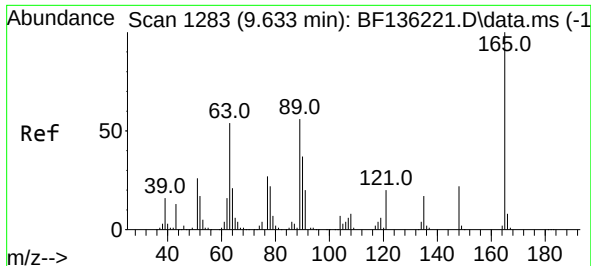
Ion Ratio Lower Upper

163 100

194 3.2 2.5 3.7

164 8.8 7.0 10.6

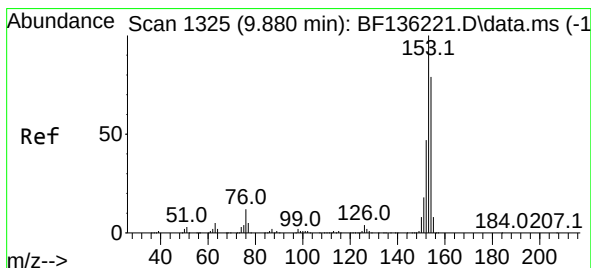
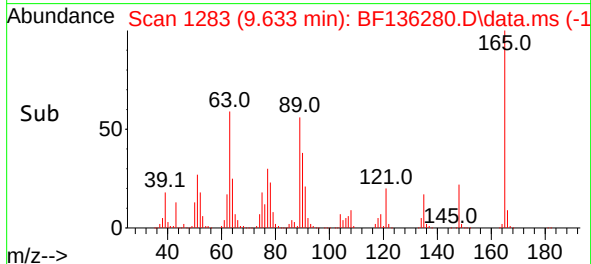
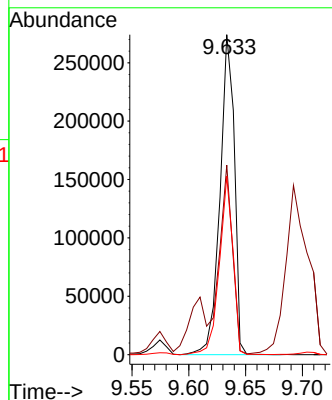
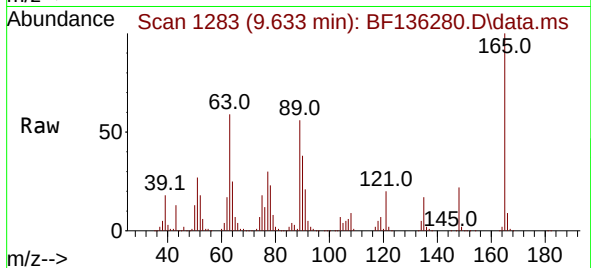




#51  
2,6-Dinitrotoluene  
Concen: 45.768 ng  
RT: 9.633 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

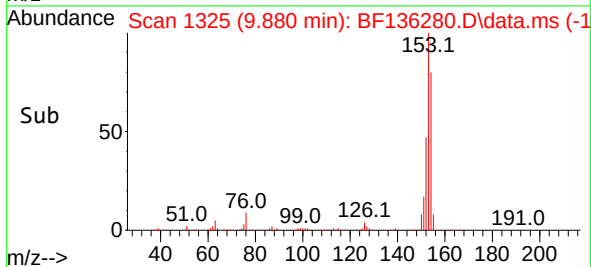
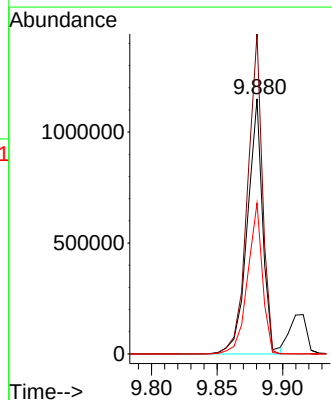
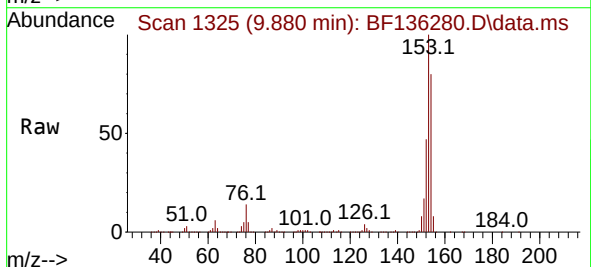
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

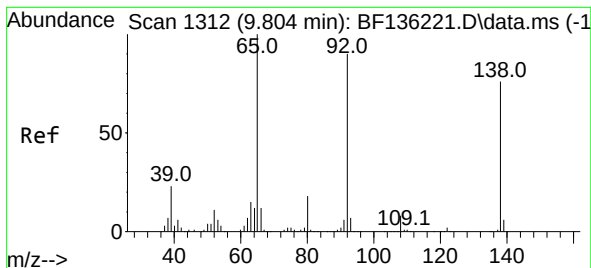
Tgt Ion:165 Resp: 242450  
Ion Ratio Lower Upper  
165 100  
63 59.3 46.2 69.2  
89 55.8 44.9 67.3



#52  
Acenaphthene  
Concen: 44.346 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion:154 Resp: 939628  
Ion Ratio Lower Upper  
154 100  
153 125.4 100.8 151.2  
152 59.1 47.0 70.6





#53

3-Nitroaniline

Concen: 39.408 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

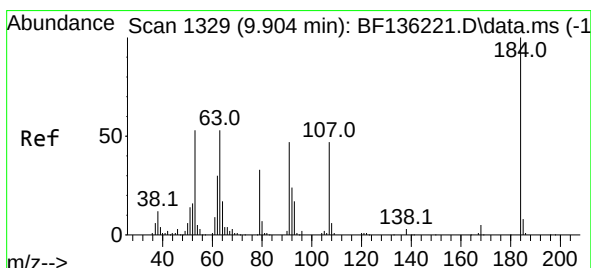
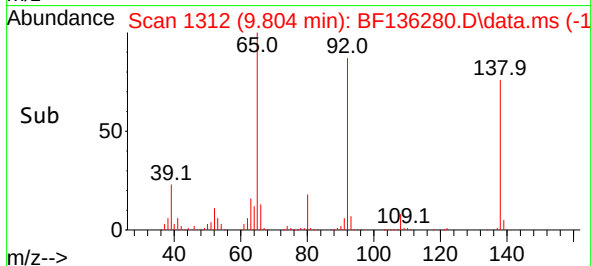
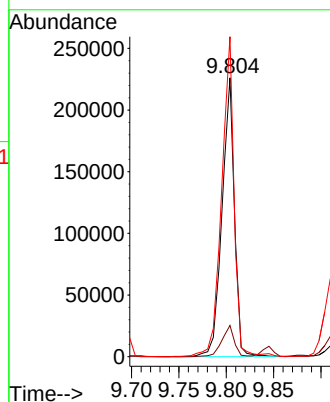
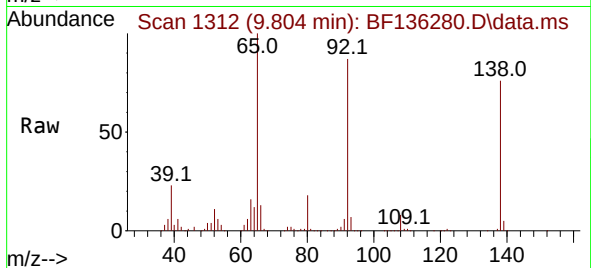
Tgt Ion:138 Resp: 207138

Ion Ratio Lower Upper

138 100

108 11.2 8.7 13.1

92 114.7 94.2 141.4



#54

2,4-Dinitrophenol

Concen: 108.826 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.012 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

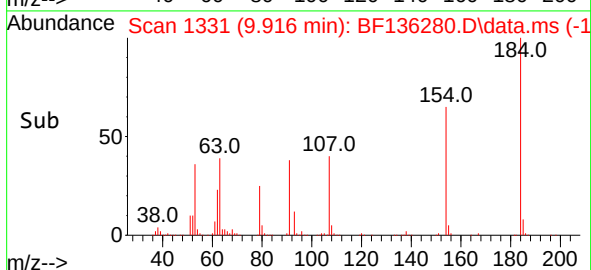
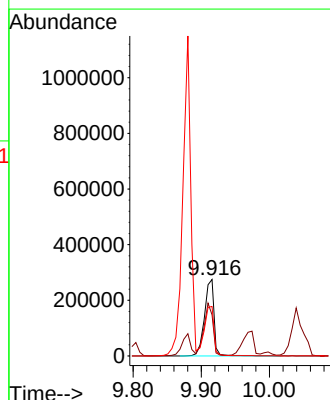
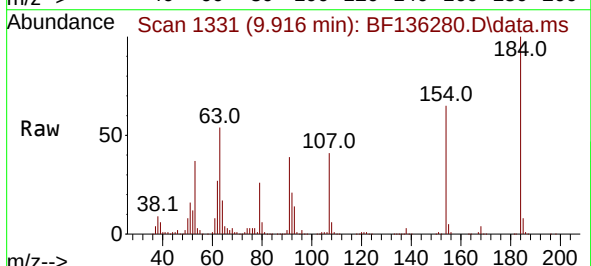
Tgt Ion:184 Resp: 268120

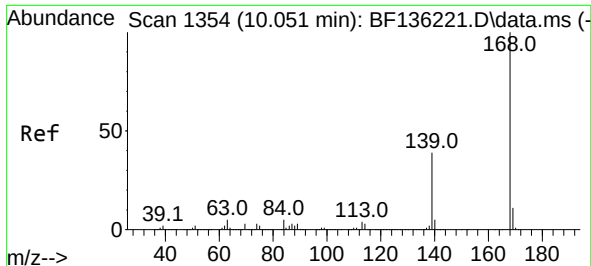
Ion Ratio Lower Upper

184 100

63 53.9 55.0 82.4#

154 64.6 54.9 82.3

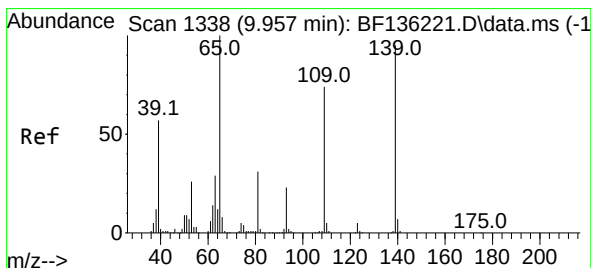
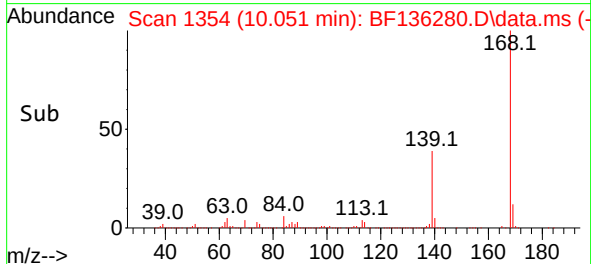
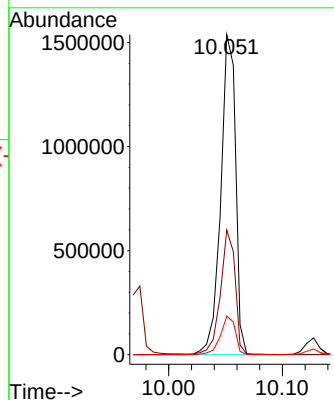
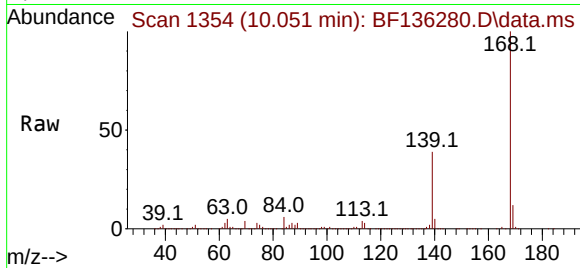




#55  
Dibenzofuran  
Concen: 44.655 ng  
RT: 10.051 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

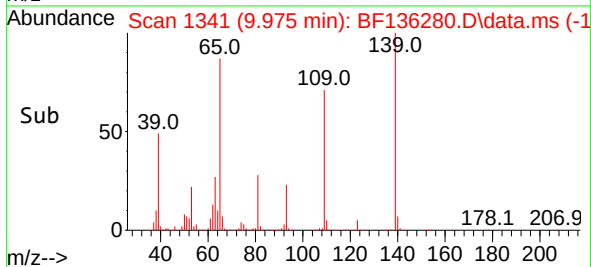
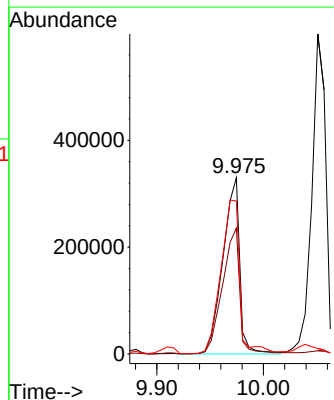
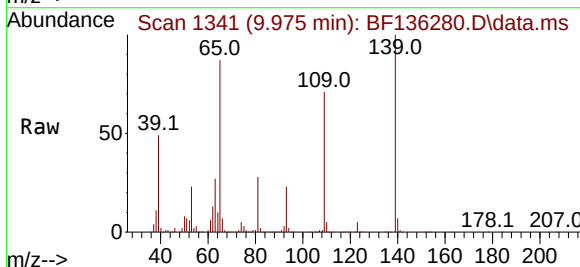
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

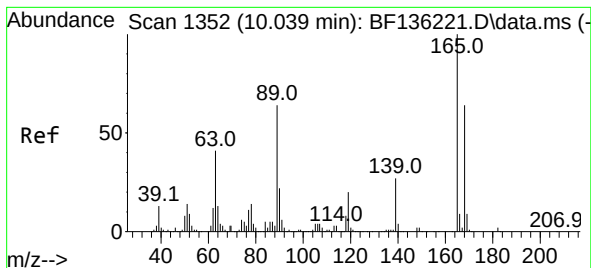
Tgt Ion:168 Resp: 1407935  
Ion Ratio Lower Upper  
168 100  
139 39.0 30.9 46.3  
169 12.0 9.1 13.7



#56  
4-Nitrophenol  
Concen: 90.672 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. 0.018 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion:139 Resp: 361974  
Ion Ratio Lower Upper  
139 100  
109 71.4 57.8 97.8  
65 86.9 86.0 126.0

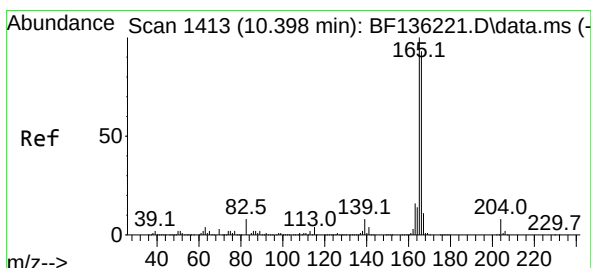
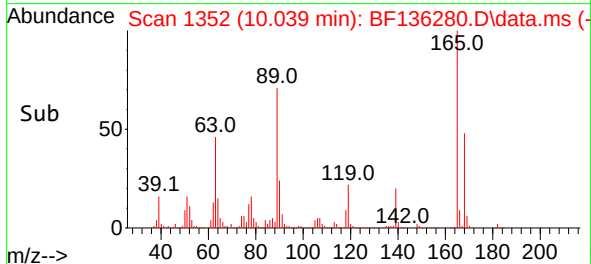
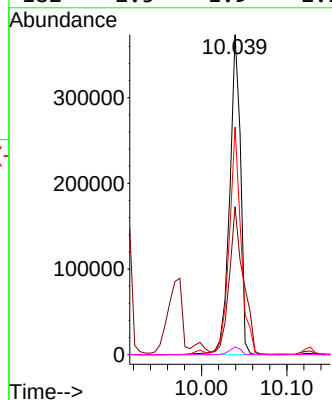
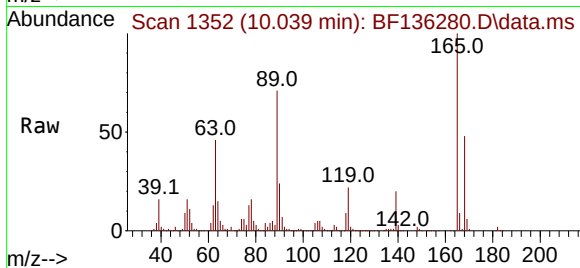




#57  
2,4-Dinitrotoluene  
Concen: 46.777 ng  
RT: 10.039 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

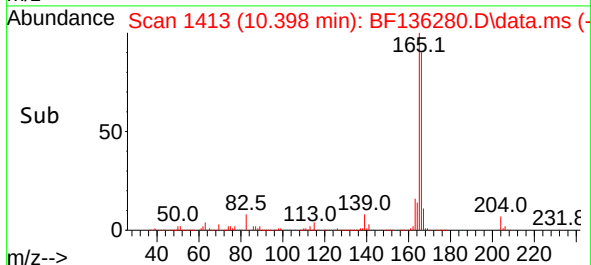
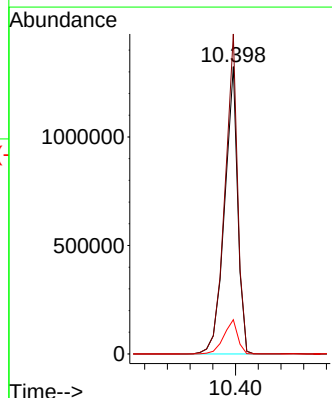
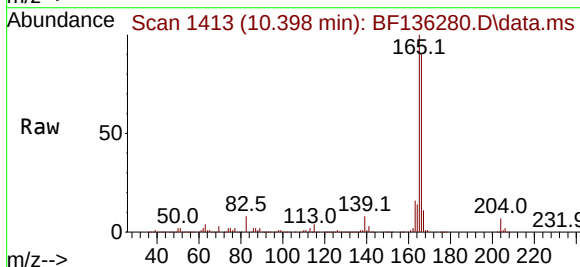
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

Tgt Ion:165 Resp: 331000  
Ion Ratio Lower Upper  
165 100  
63 46.2 33.0 49.4  
89 71.1 51.5 77.3  
182 2.5 1.9 2.9

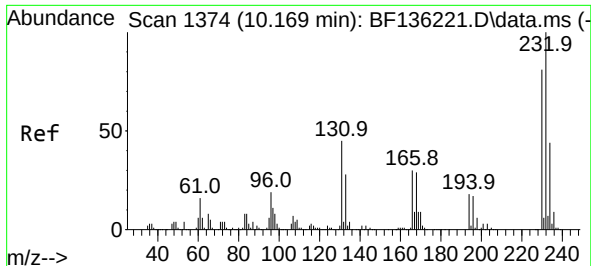


#58  
Fluorene  
Concen: 43.144 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion:166 Resp: 1067012  
Ion Ratio Lower Upper  
166 100  
165 111.3 86.2 129.4  
167 11.9 9.1 13.7







#59

2,3,4,6-Tetrachlorophenol

Concen: 47.537 ng

RT: 10.169 min Scan# 1374

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

Tgt Ion:232 Resp: 292514

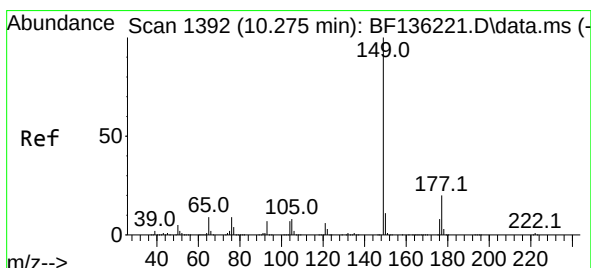
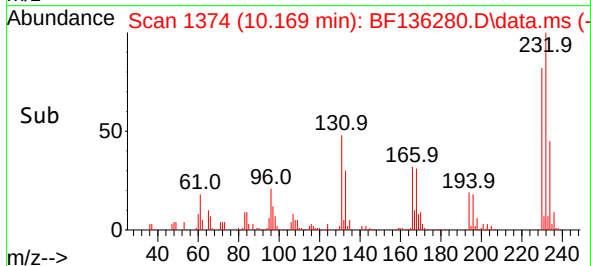
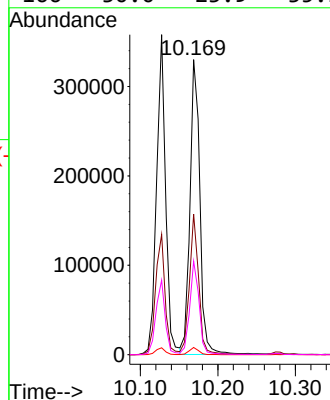
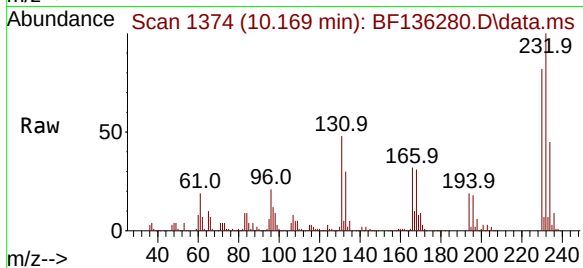
Ion Ratio Lower Upper

232 100

131 44.3 36.4 54.6

130 2.4 1.9 2.9

166 30.0 23.9 35.9



#60

Diethylphthalate

Concen: 45.051 ng

RT: 10.275 min Scan# 1392

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

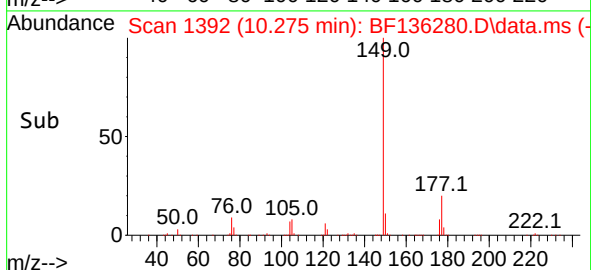
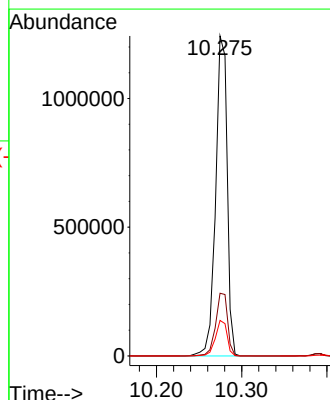
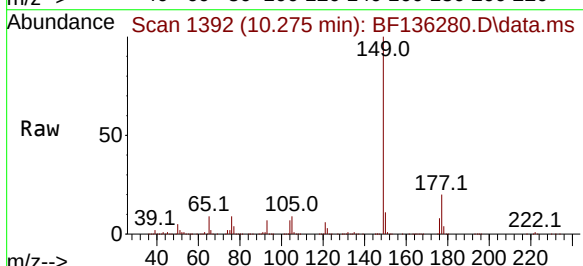
Tgt Ion:149 Resp: 1168563

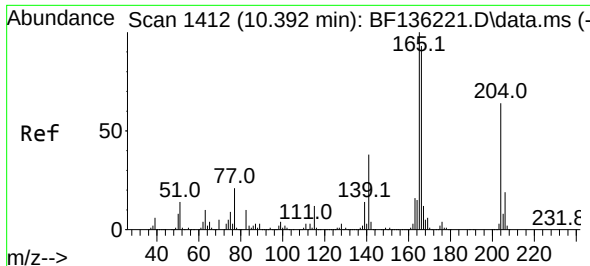
Ion Ratio Lower Upper

149 100

177 19.6 15.8 23.6

150 11.1 8.8 13.2

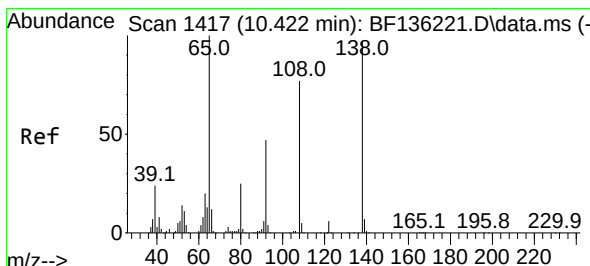
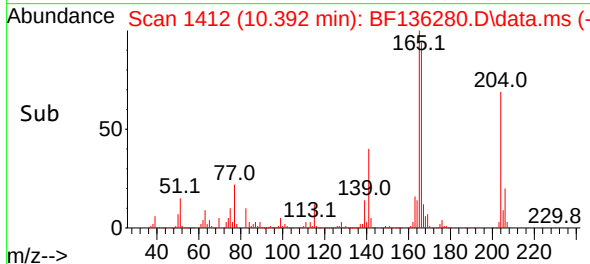
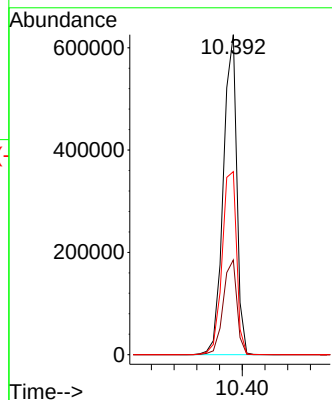
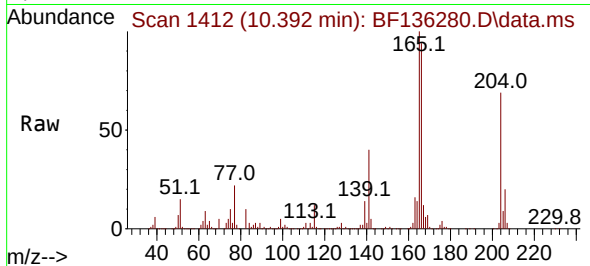




#61  
4-Chlorophenyl-phenylether  
Concen: 43.067 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

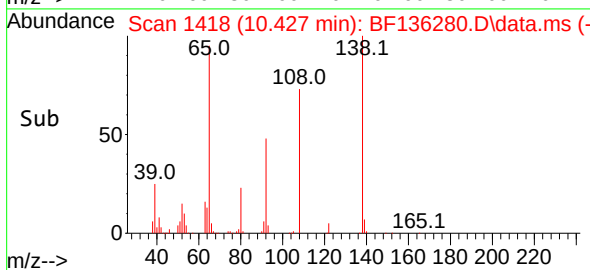
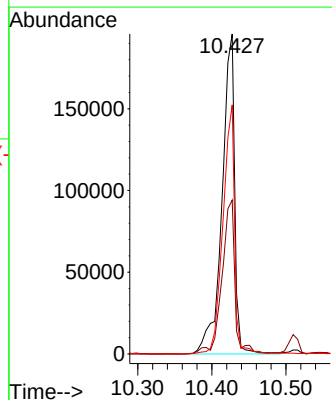
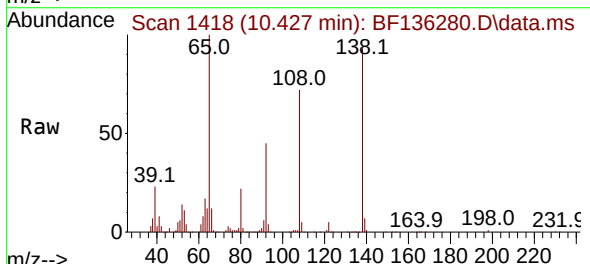
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

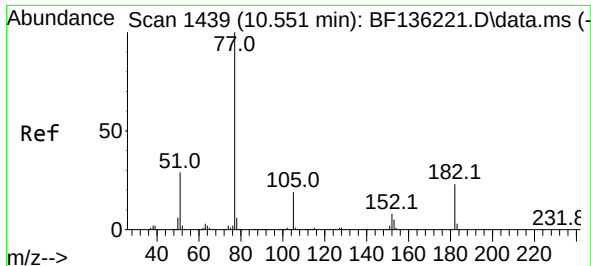
Tgt Ion:204 Resp: 517256  
Ion Ratio Lower Upper  
204 100  
206 29.6 23.4 35.0  
141 57.2 47.6 71.4



#62  
4-Nitroaniline  
Concen: 45.337 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion:138 Resp: 233260  
Ion Ratio Lower Upper  
138 100  
92 48.1 28.5 68.5  
108 77.8 59.8 99.8



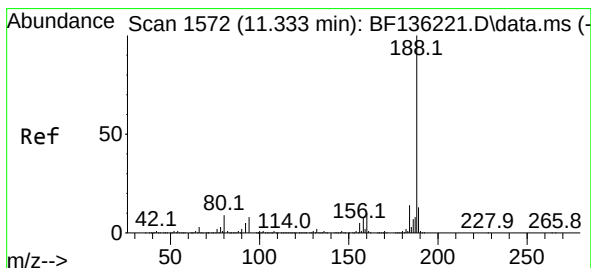
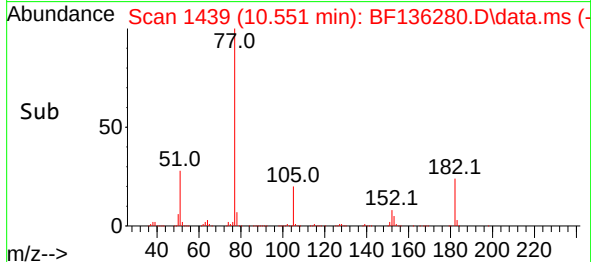
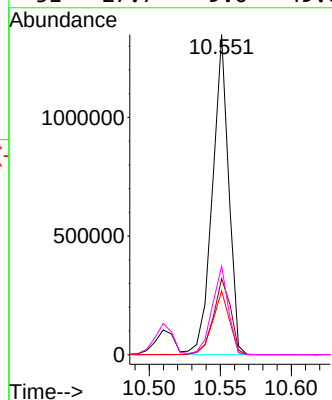
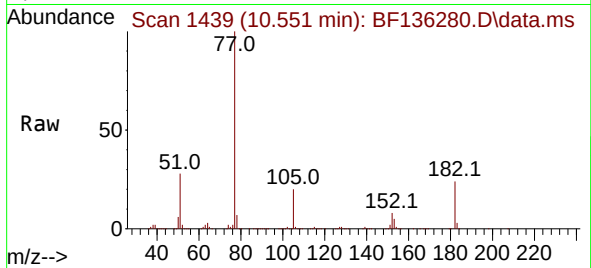


#63  
Azobenzene  
Concen: 44.309 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

Tgt Ion: 77 Resp: 1065506

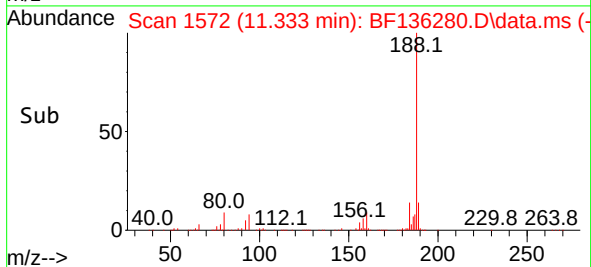
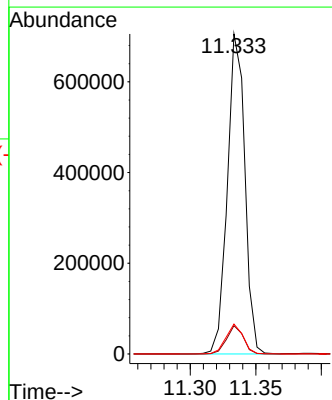
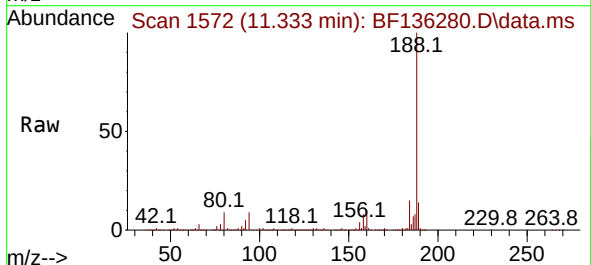
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 23.8  | 3.3   | 43.3  |
| 105 | 19.9  | 0.0   | 39.5  |
| 51  | 27.7  | 9.0   | 49.0  |

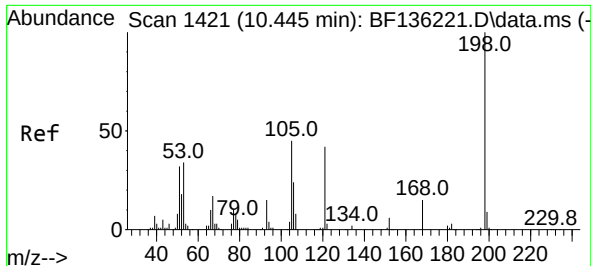


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion: 188 Resp: 653493

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.9   | 6.7   | 10.1  |
| 80  | 9.4   | 7.2   | 10.8  |

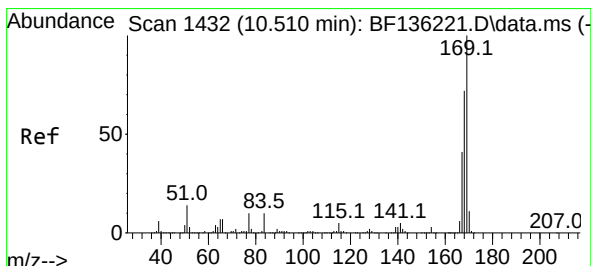
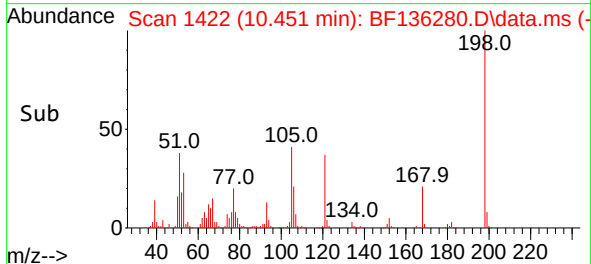
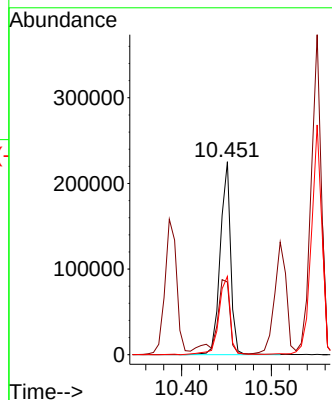
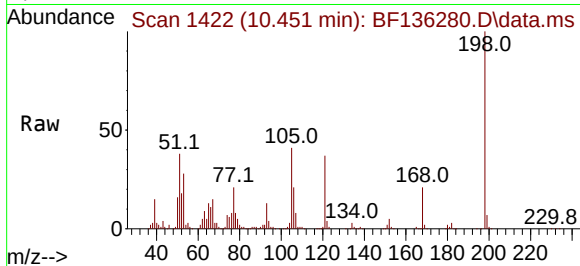




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.632 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

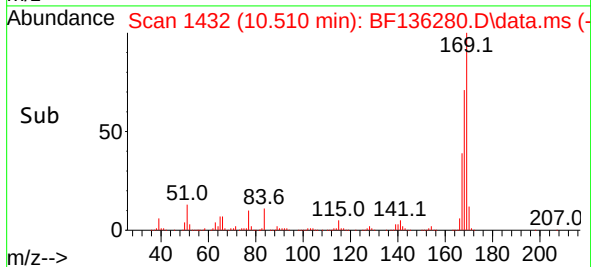
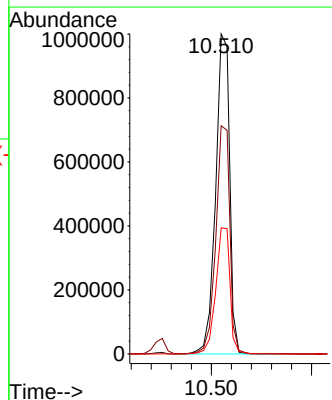
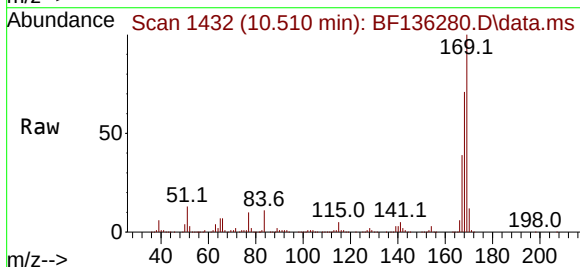
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

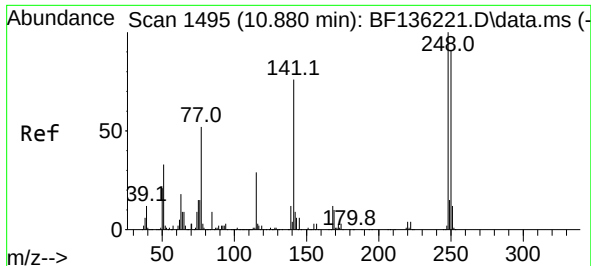
Tgt Ion:198 Resp: 180938  
Ion Ratio Lower Upper  
198 100  
51 37.6 28.2 68.2  
105 40.5 25.7 65.7



#66  
n-Nitrosodiphenylamine  
Concen: 46.177 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion:169 Resp: 967045  
Ion Ratio Lower Upper  
169 100  
168 71.3 57.8 86.6  
167 39.4 32.7 49.1

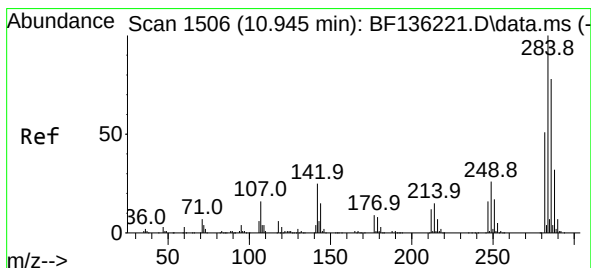
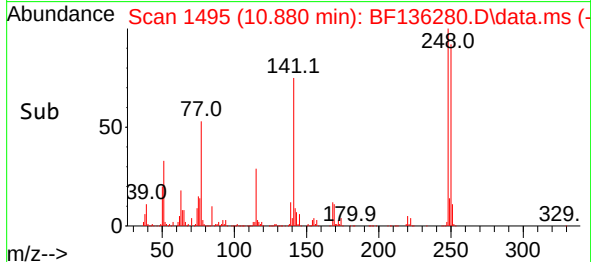
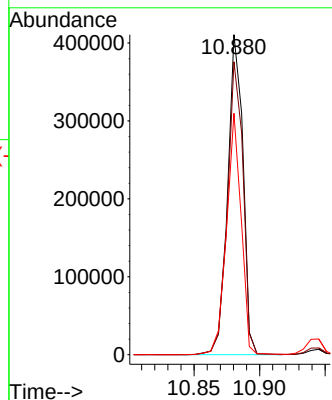
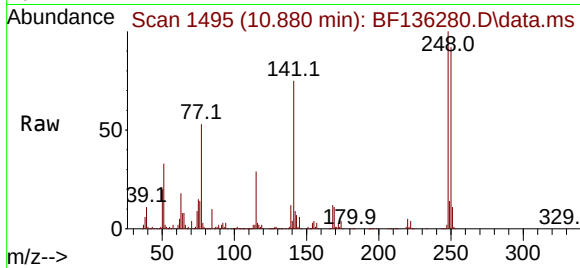




#67  
4-Bromophenyl-phenylether  
Concen: 43.815 ng  
RT: 10.880 min Scan# 1495  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

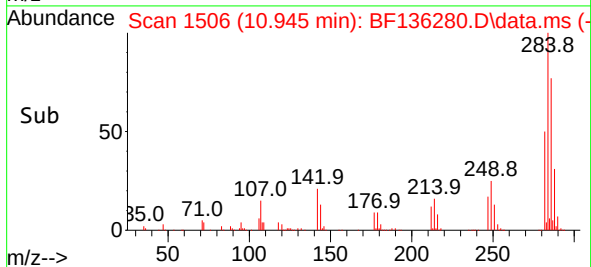
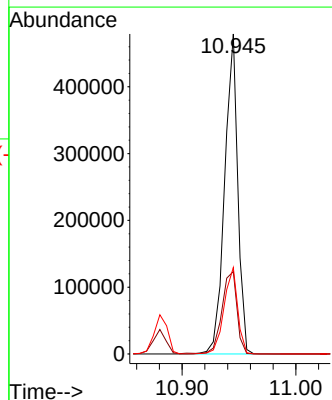
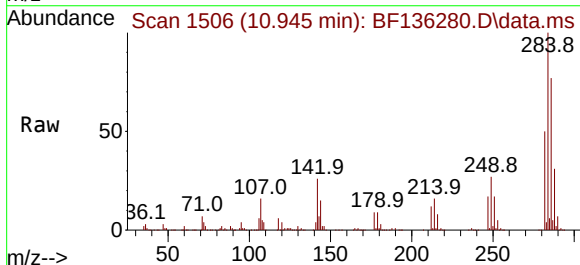
Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

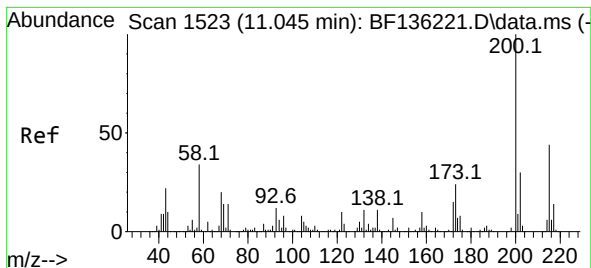
Tgt Ion:248 Resp: 334049  
Ion Ratio Lower Upper  
248 100  
250 91.6 72.5 108.7  
141 75.5 60.8 91.2



#68  
Hexachlorobenzene  
Concen: 43.590 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion:284 Resp: 384632  
Ion Ratio Lower Upper  
284 100  
142 25.7 19.8 29.8  
249 27.0 21.0 31.4





#69

Atrazine

Concen: 31.319 ng

RT: 11.039 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

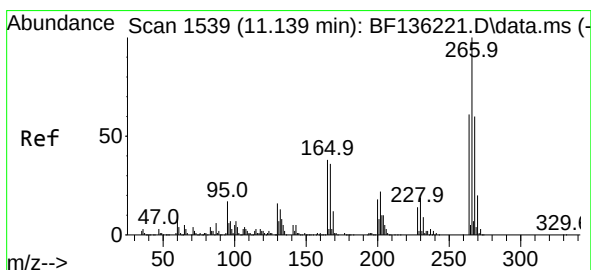
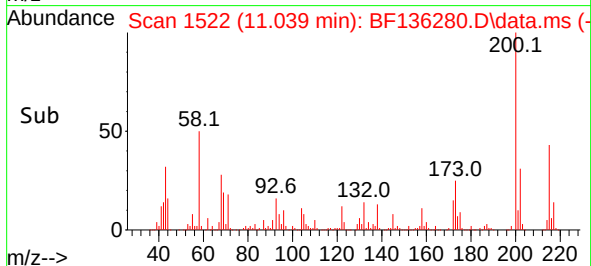
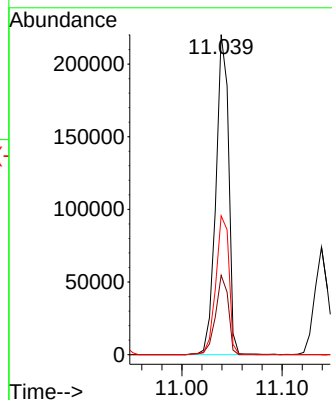
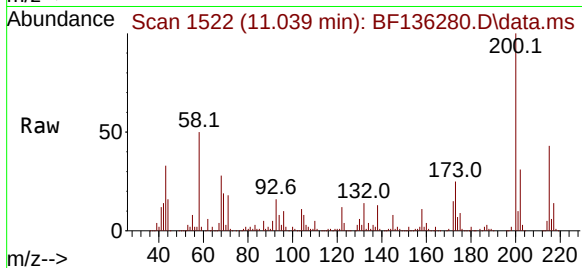
Tgt Ion:200 Resp: 194566

Ion Ratio Lower Upper

200 100

173 24.8 4.3 44.3

215 43.4 23.8 63.8



#70

Pentachlorophenol

Concen: 81.206 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

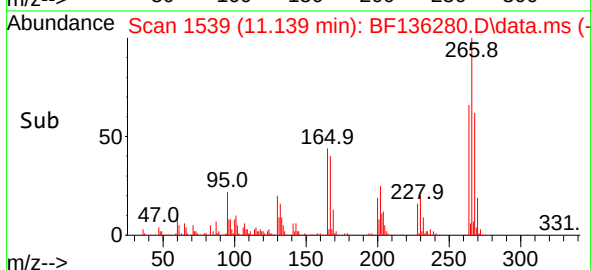
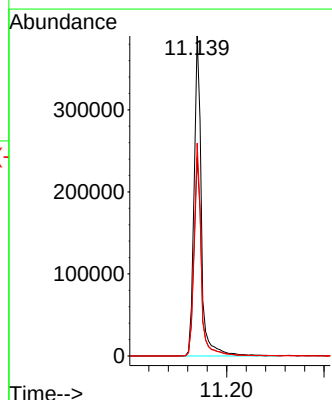
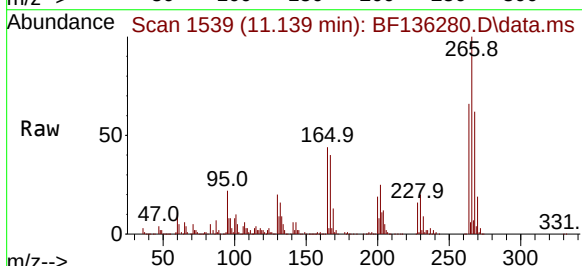
Tgt Ion:266 Resp: 405032

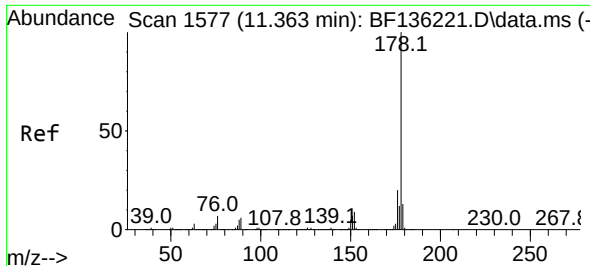
Ion Ratio Lower Upper

266 100

268 62.1 47.9 71.9

264 66.5 49.1 73.7

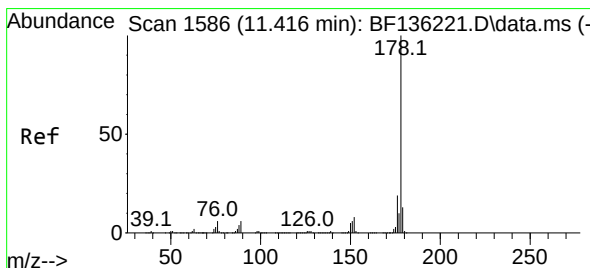
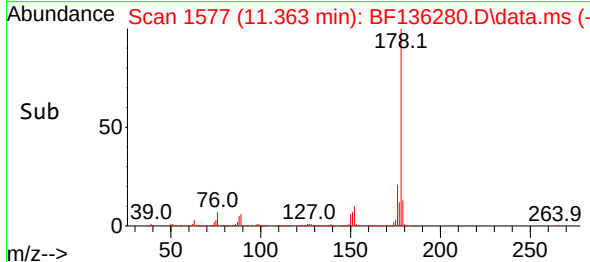
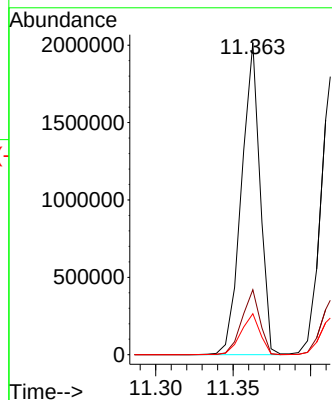
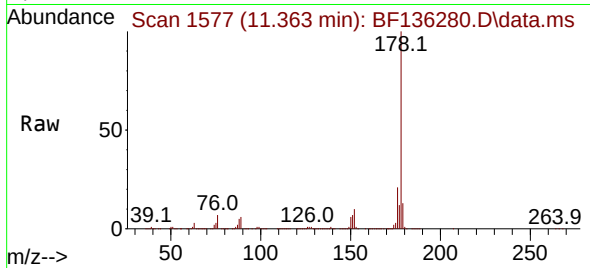




#71  
 Phenanthrene  
 Concen: 45.630 ng  
 RT: 11.363 min Scan# 1577  
 Delta R.T. 0.000 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21

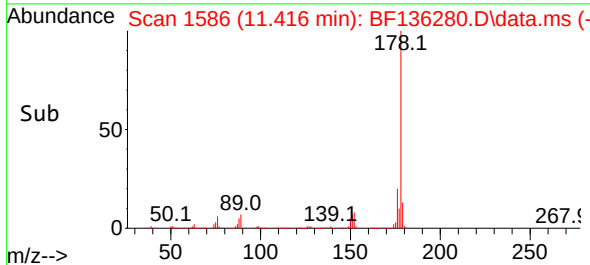
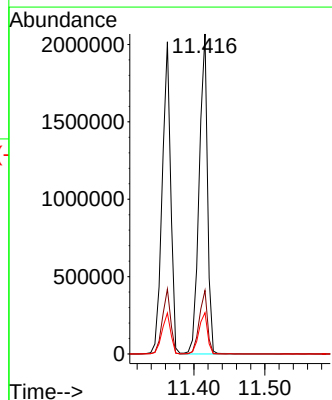
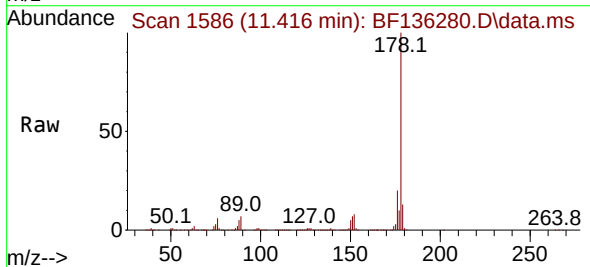
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157160BS

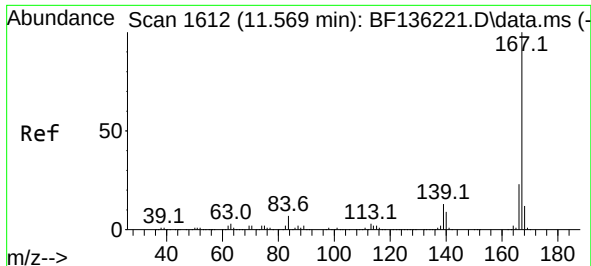
Tgt Ion:178 Resp: 1675939  
 Ion Ratio Lower Upper  
 178 100  
 176 20.8 16.2 24.2  
 179 13.1 10.3 15.5



#72  
 Anthracene  
 Concen: 45.744 ng  
 RT: 11.416 min Scan# 1586  
 Delta R.T. 0.000 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21

Tgt Ion:178 Resp: 1684894  
 Ion Ratio Lower Upper  
 178 100  
 176 19.8 15.5 23.3  
 179 12.9 10.5 15.7



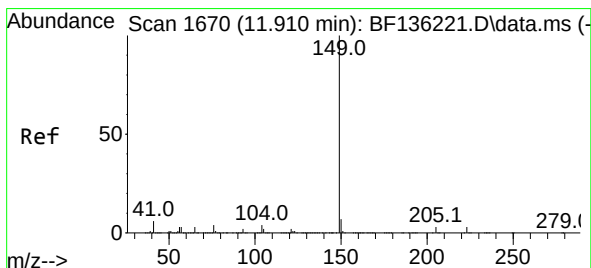
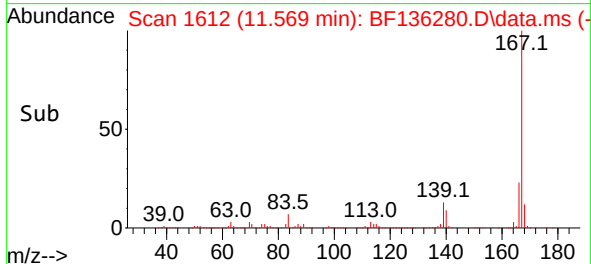
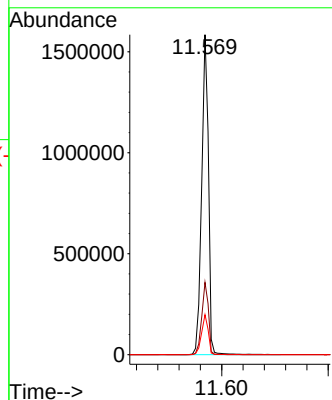
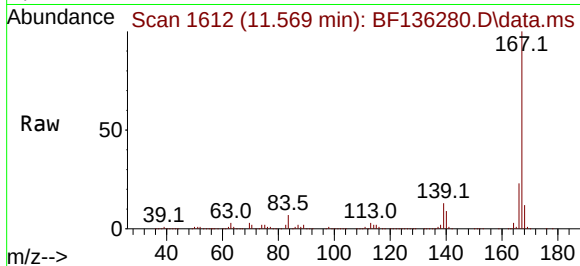


#73  
 Carbazole  
 Concen: 44.715 ng  
 RT: 11.569 min Scan# 1612  
 Delta R.T. 0.000 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157160BS

Tgt Ion:167 Resp: 1400763  

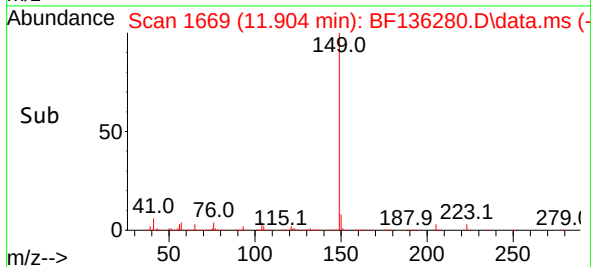
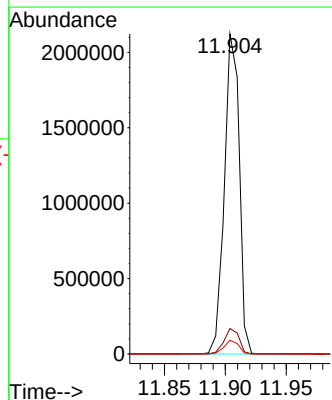
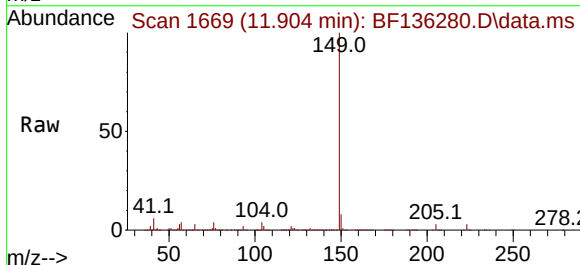
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.6  | 18.4  | 27.6  |
| 139 | 12.5  | 10.5  | 15.7  |



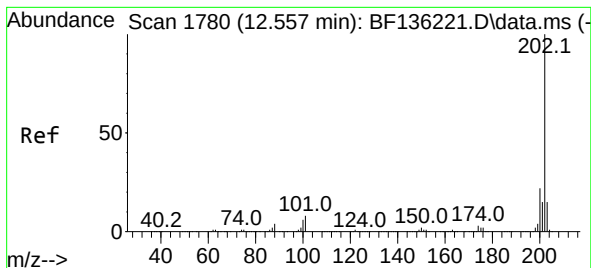
#74  
 Di-n-butylphthalate  
 Concen: 46.170 ng  
 RT: 11.904 min Scan# 1669  
 Delta R.T. -0.006 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21

Tgt Ion:149 Resp: 1809688  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 8.0   | 6.0   | 9.0   |
| 104 | 4.3   | 3.5   | 5.3   |







#75

Fluoranthene

Concen: 42.501 ng

RT: 12.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

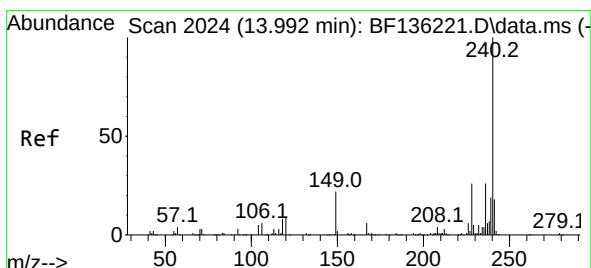
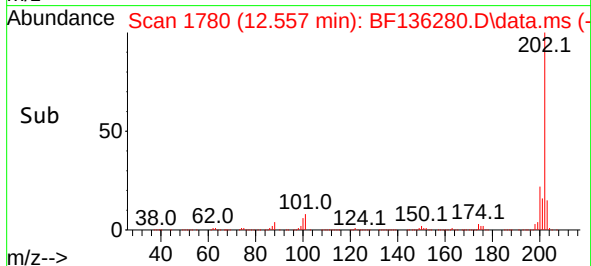
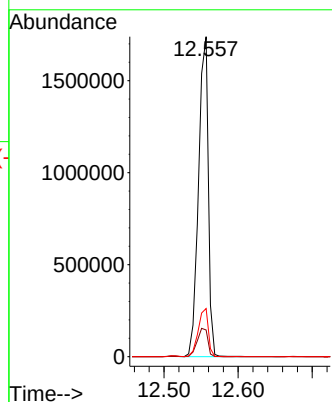
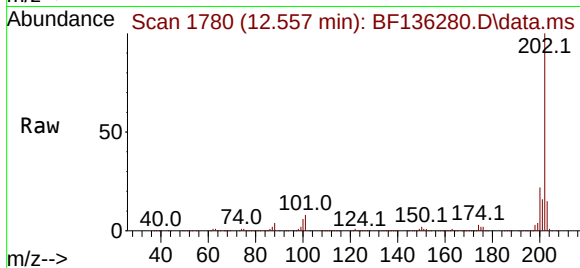
Tgt Ion:202 Resp: 1584726

Ion Ratio Lower Upper

202 100

101 8.4 0.0 27.8

203 15.1 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

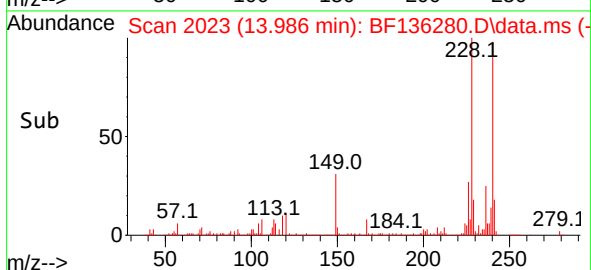
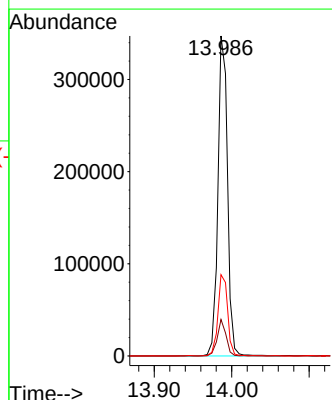
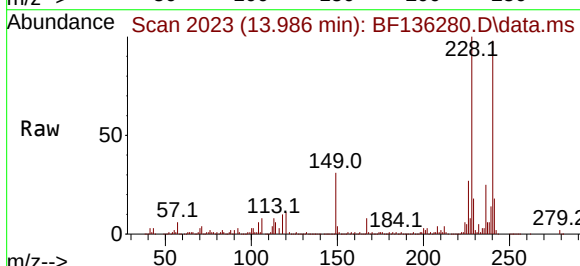
Tgt Ion:240 Resp: 298292

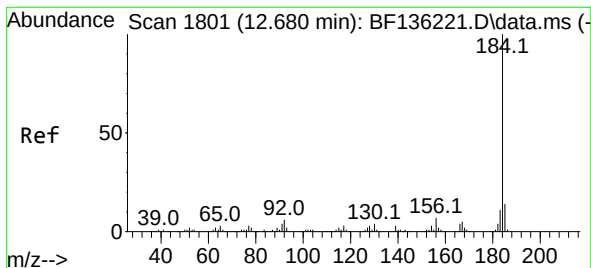
Ion Ratio Lower Upper

240 100

120 11.4 7.4 11.2#

236 25.4 21.1 31.7





#77

Benzidine

Concen: 42.546 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

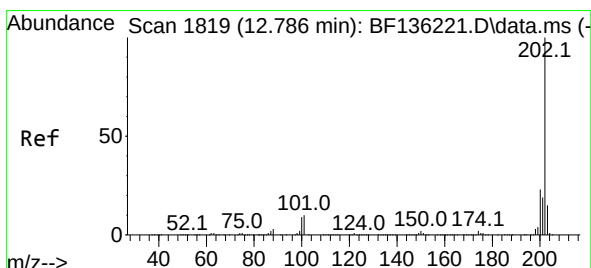
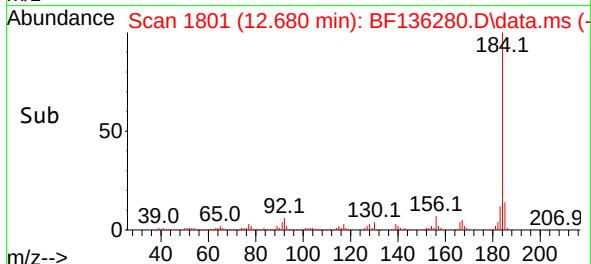
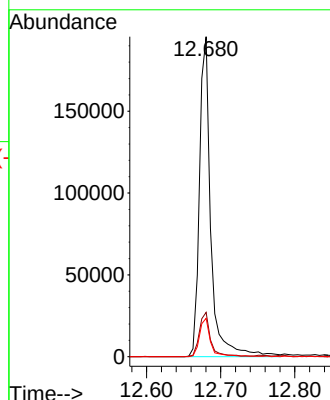
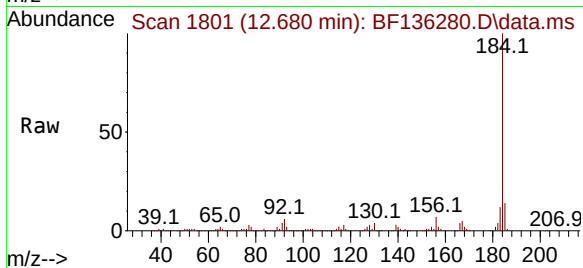
Tgt Ion:184 Resp: 208619

Ion Ratio Lower Upper

184 100

185 13.8 11.0 16.6

183 12.0 9.0 13.4



#78

Pyrene

Concen: 47.769 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

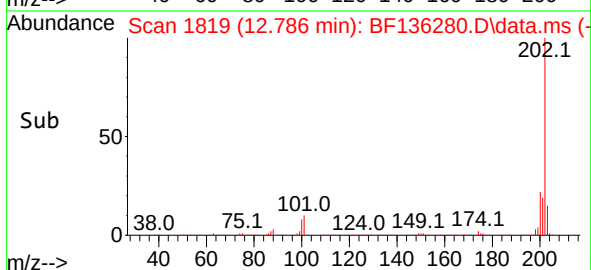
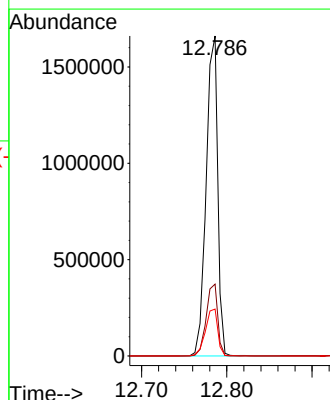
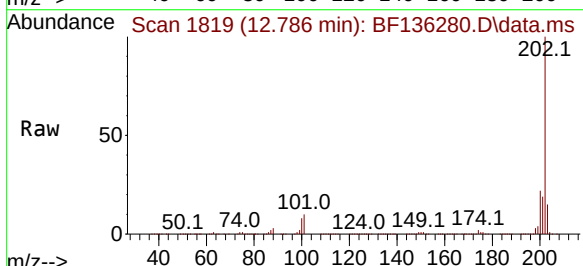
Tgt Ion:202 Resp: 1560510

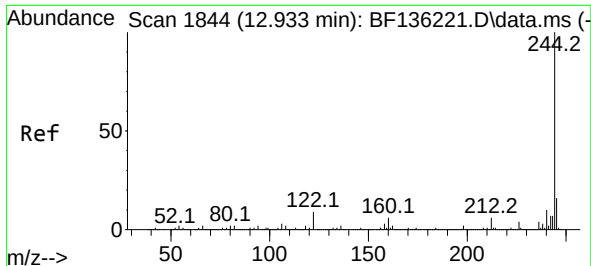
Ion Ratio Lower Upper

202 100

200 22.5 18.4 27.6

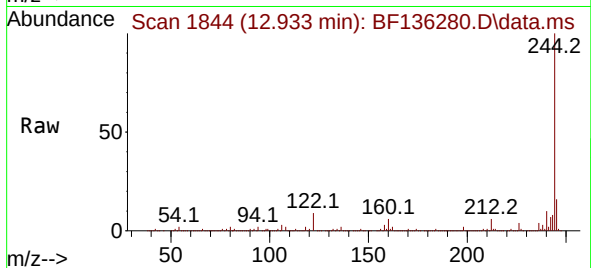
203 14.7 11.8 17.6



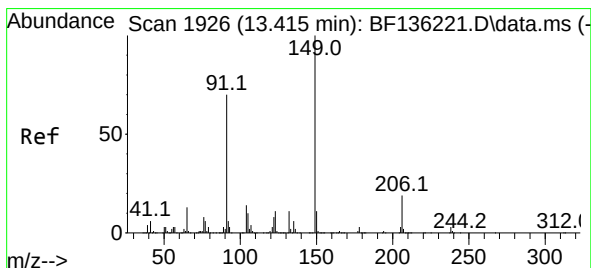
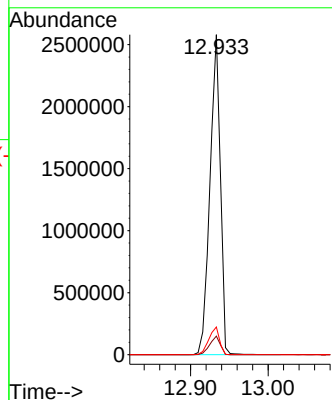
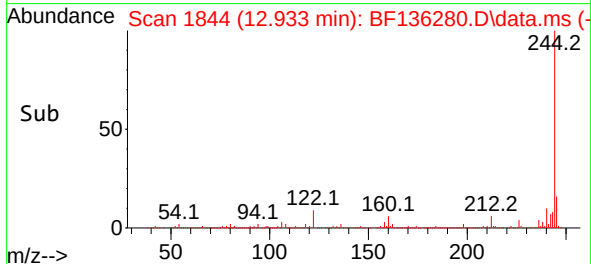


#79  
 Terphenyl-d14  
 Concen: 92.639 ng  
 RT: 12.933 min Scan# 1844  
 Delta R.T. 0.000 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21

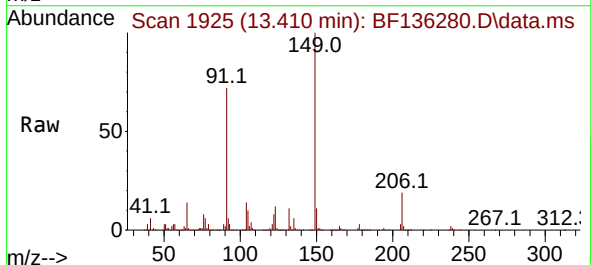
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157160BS



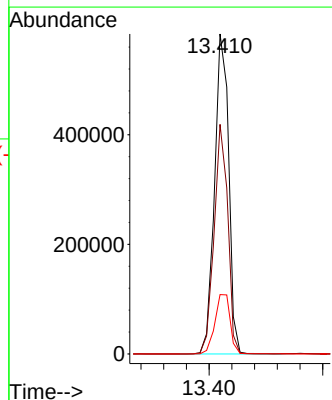
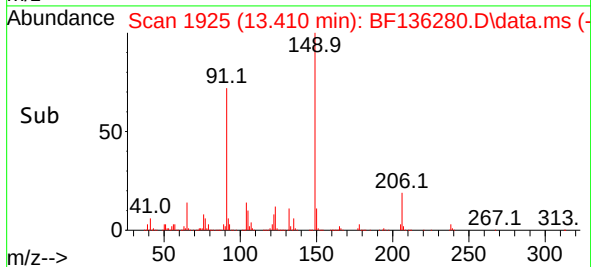
Tgt Ion:244 Resp: 2395644  
 Ion Ratio Lower Upper  
 244 100  
 212 5.8 4.6 7.0  
 122 8.7 7.3 10.9

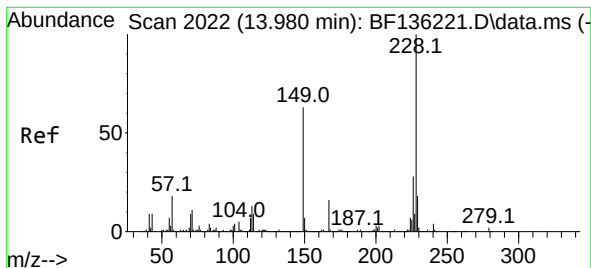


#80  
 Butylbenzylphthalate  
 Concen: 49.570 ng  
 RT: 13.410 min Scan# 1925  
 Delta R.T. -0.006 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21



Tgt Ion:149 Resp: 503982  
 Ion Ratio Lower Upper  
 149 100  
 91 71.7 56.4 84.6  
 206 18.6 14.8 22.2





#81

Benzo(a)anthracene

Concen: 45.439 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

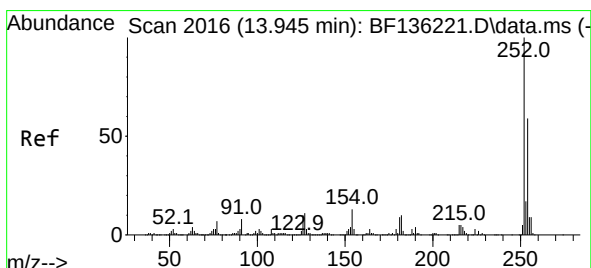
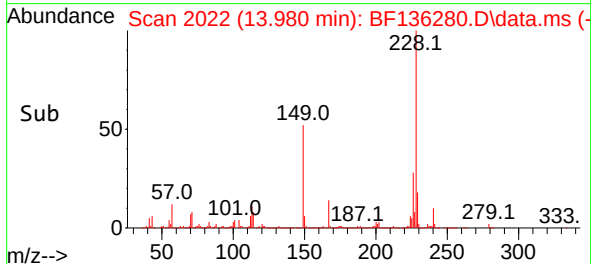
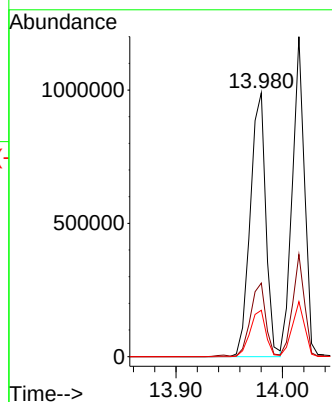
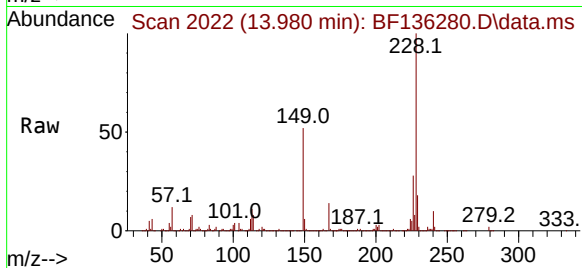
Tgt Ion:228 Resp: 1006750

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

229 17.6 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 58.171 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

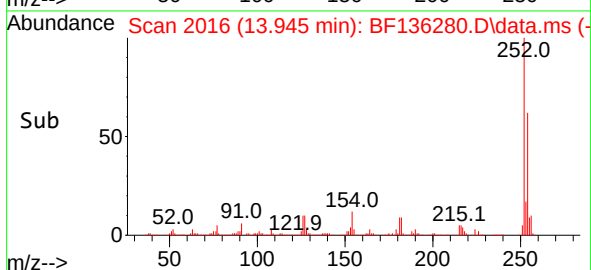
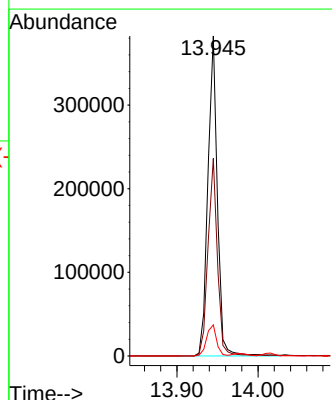
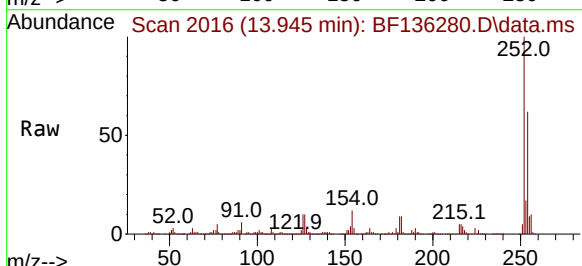
Tgt Ion:252 Resp: 310244

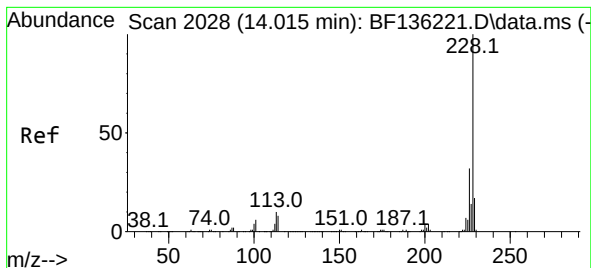
Ion Ratio Lower Upper

252 100

254 61.7 47.4 71.2

126 9.7 8.3 12.5





#83

Chrysene

Concen: 44.996 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

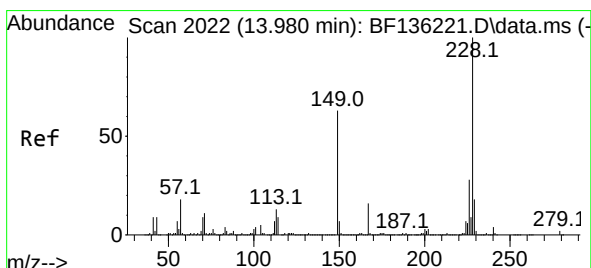
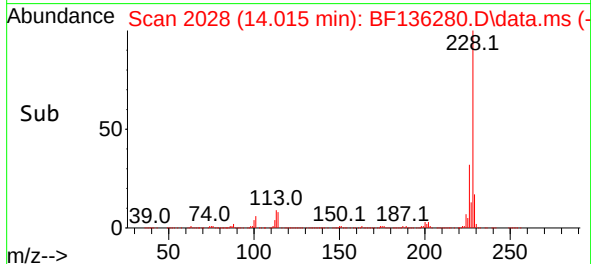
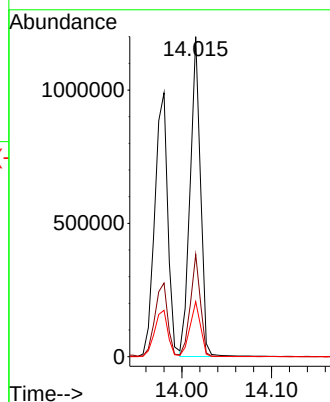
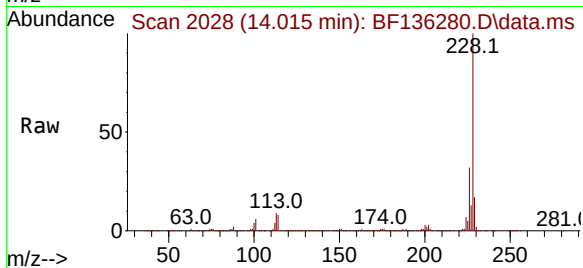
Tgt Ion:228 Resp: 962590

Ion Ratio Lower Upper

228 100

226 31.9 25.5 38.3

229 17.2 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.847 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

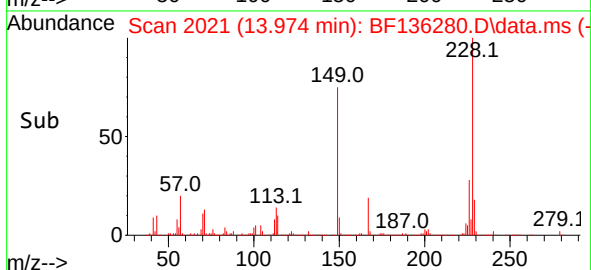
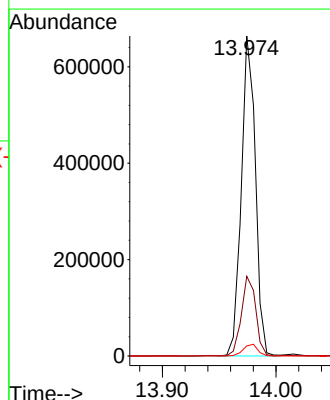
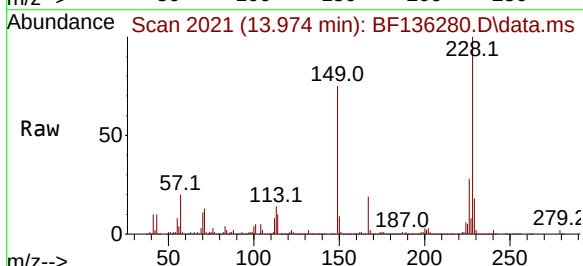
Tgt Ion:149 Resp: 571624

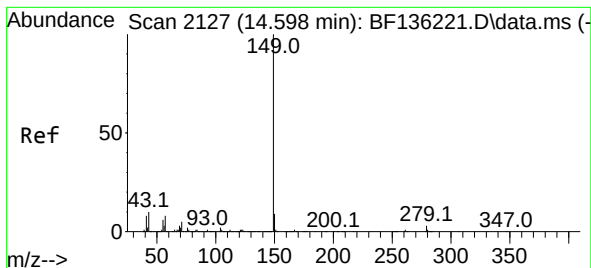
Ion Ratio Lower Upper

149 100

167 24.9 20.2 30.2

279 3.2 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 48.191 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

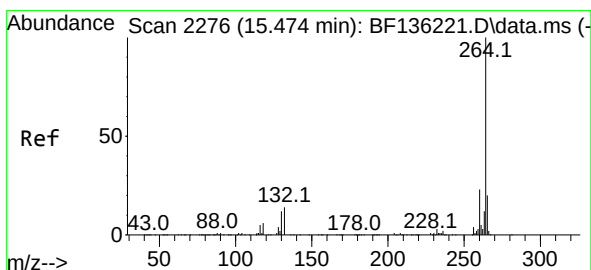
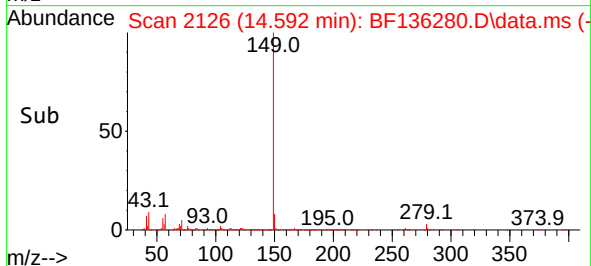
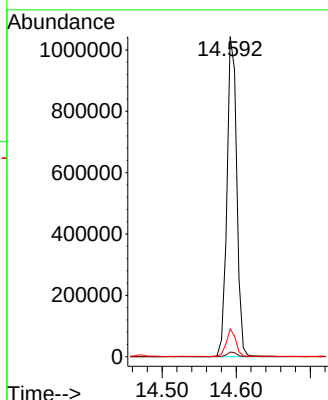
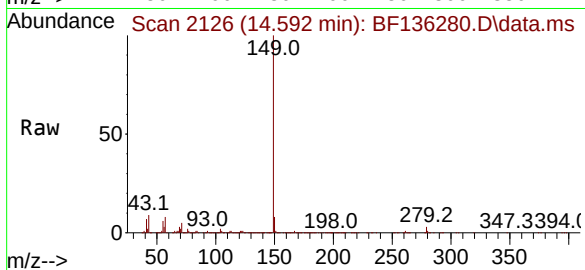
Tgt Ion:149 Resp: 955467

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.5 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

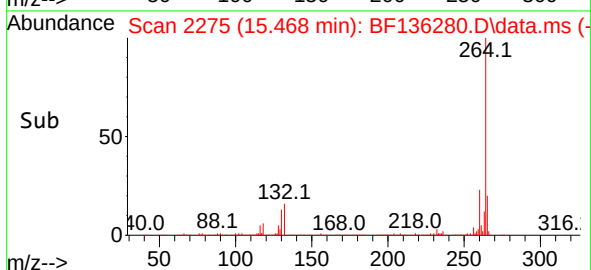
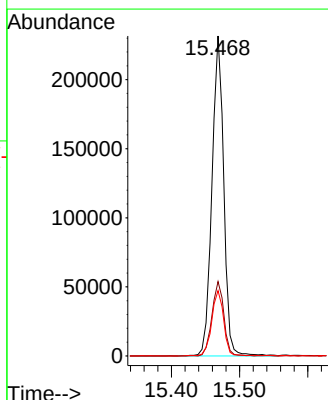
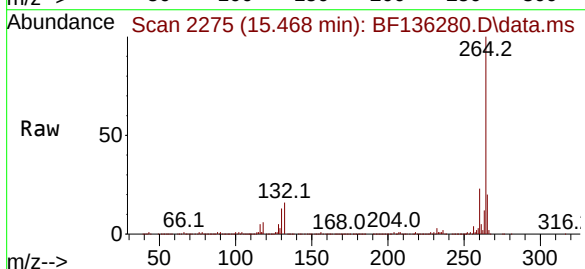
Tgt Ion:264 Resp: 278549

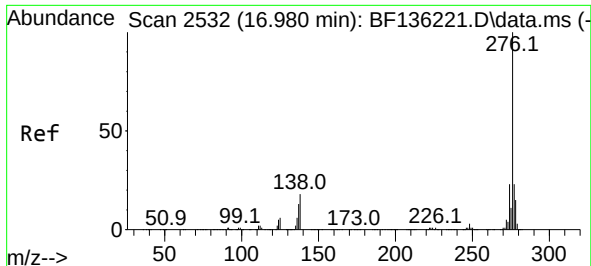
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 20.4 15.7 23.5

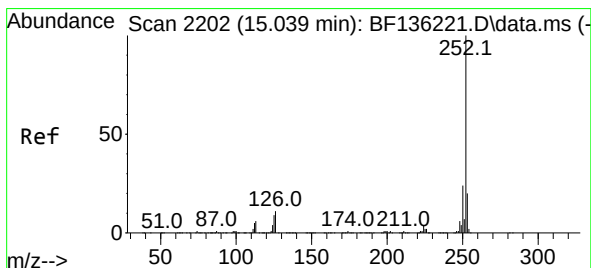
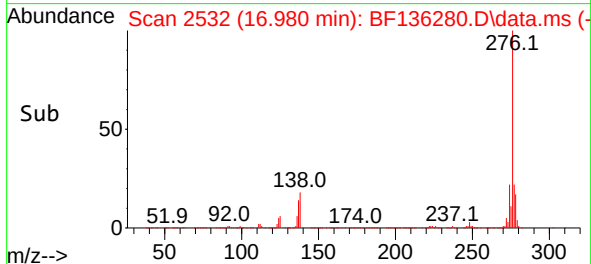
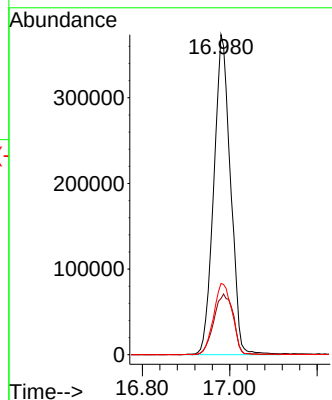
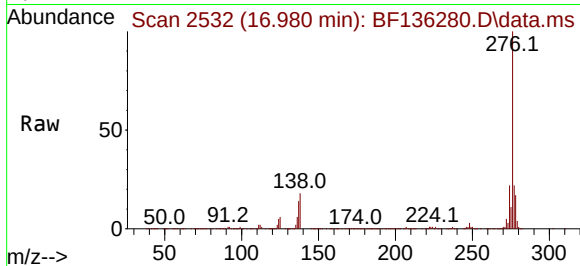




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.627 ng  
 RT: 16.980 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21

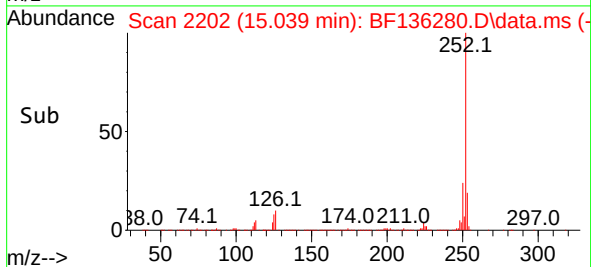
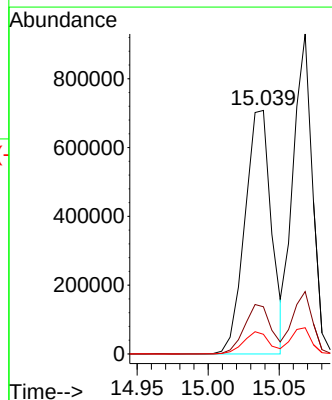
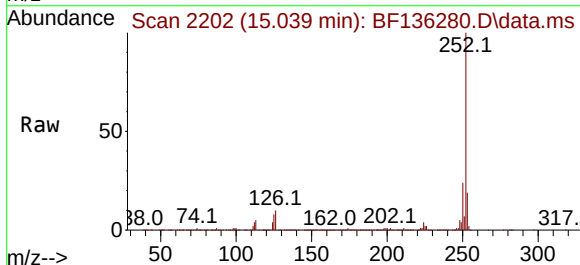
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157160BS

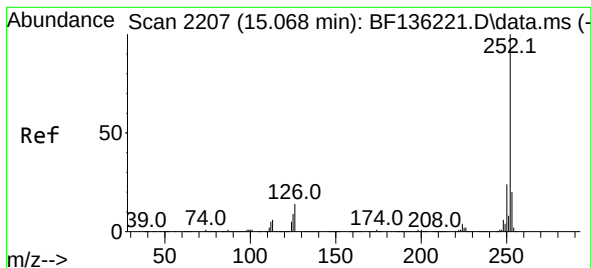
Tgt Ion:276 Resp: 991184  
 Ion Ratio Lower Upper  
 276 100  
 138 22.2 17.7 26.5  
 277 24.6 19.6 29.4



#88  
 Benzo(b)fluoranthene  
 Concen: 47.270 ng  
 RT: 15.039 min Scan# 2202  
 Delta R.T. 0.000 min  
 Lab File: BF136280.D  
 Acq: 29 Nov 2023 13:21

Tgt Ion:252 Resp: 923779  
 Ion Ratio Lower Upper  
 252 100  
 253 19.4 16.2 24.2  
 125 8.1 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 47.877 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA\_F

ClientSampleId :

PB157160BS

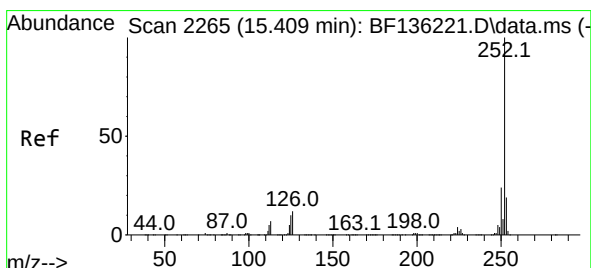
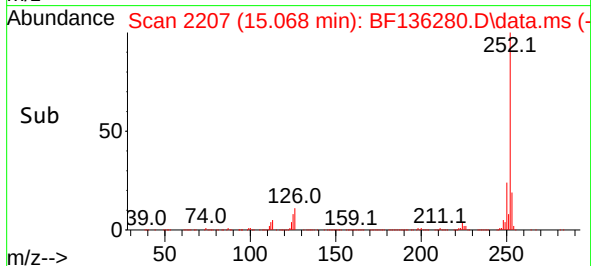
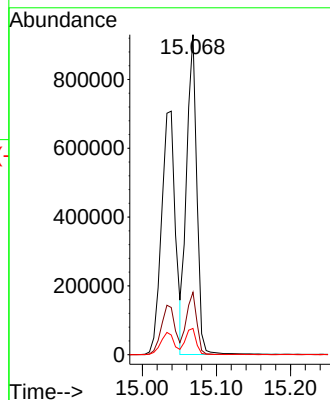
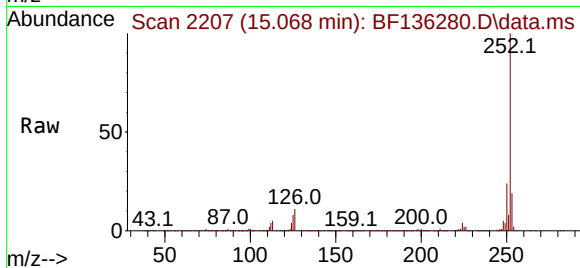
Tgt Ion:252 Resp: 888639

Ion Ratio Lower Upper

252 100

253 19.5 15.6 23.4

125 8.2 7.0 10.4



#90

Benzo(a)pyrene

Concen: 48.467 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

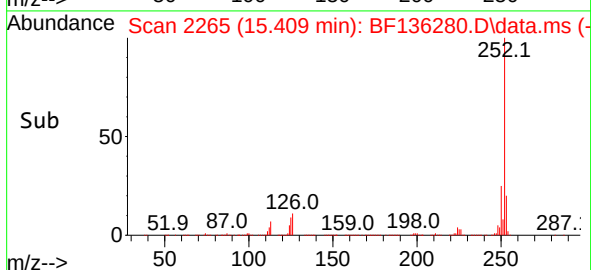
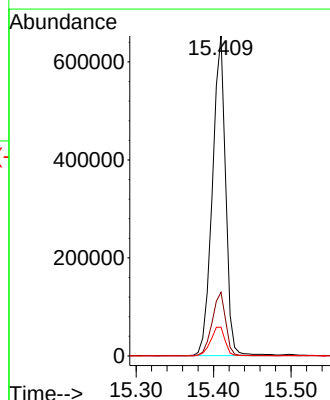
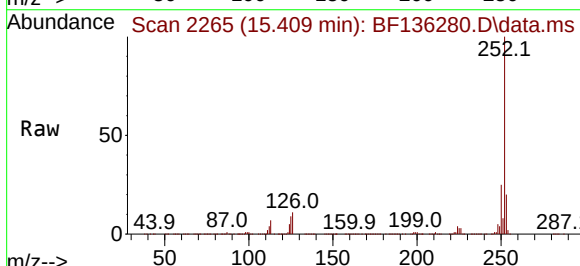
Tgt Ion:252 Resp: 774284

Ion Ratio Lower Upper

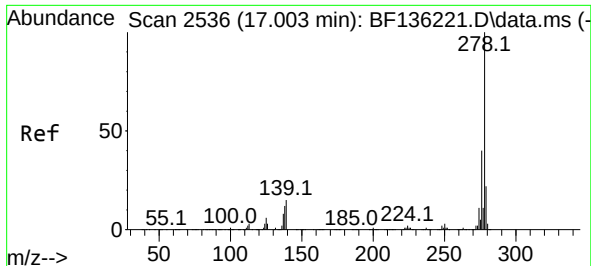
252 100

253 19.9 15.5 23.3

125 9.0 7.9 11.9



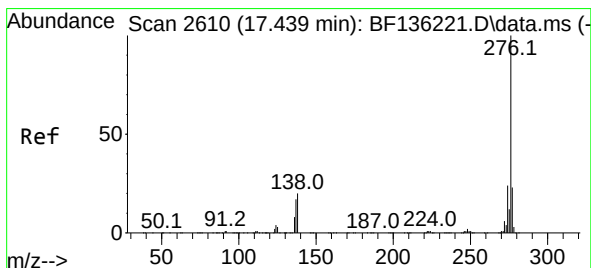
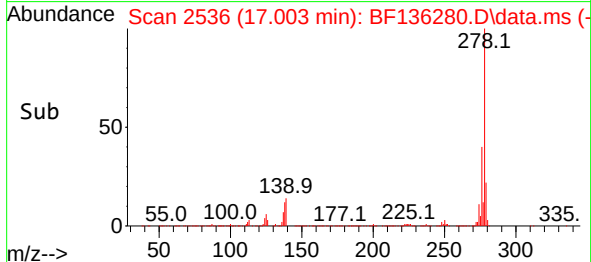
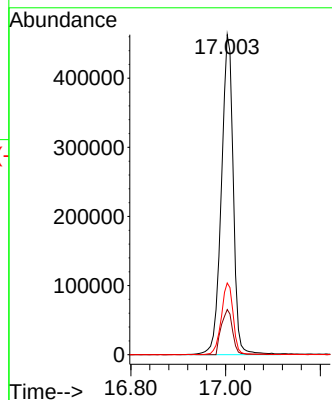
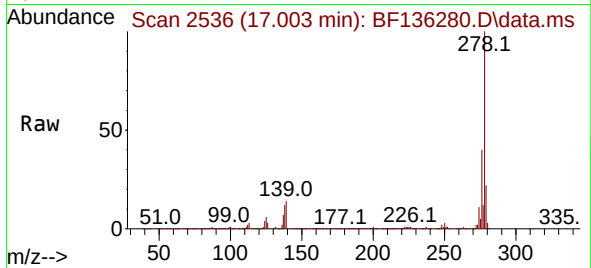




#91  
Dibenzo(a,h)anthracene  
Concen: 48.317 ng  
RT: 17.003 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB157160BS

Tgt Ion:278 Resp: 807744  
Ion Ratio Lower Upper  
278 100  
139 14.1 11.7 17.5  
279 22.4 17.8 26.8



#92  
Benzo(g,h,i)perylene  
Concen: 46.818 ng  
RT: 17.445 min Scan# 2611  
Delta R.T. 0.006 min  
Lab File: BF136280.D  
Acq: 29 Nov 2023 13:21

Tgt Ion:276 Resp: 784260  
Ion Ratio Lower Upper  
276 100  
277 22.3 18.6 27.8  
138 19.0 15.8 23.8

