

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110223\  
 Data File : BF136098.D  
 Acq On : 02 Nov 2023 16:24  
 Operator : CG\JU  
 Sample : PB156660BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 02 16:48:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 31 01:13:02 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 119193   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 484035   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 261499   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 476901   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.010 | 240  | 225640   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.498 | 264  | 232191   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.463  | 112  | 993921   | 131.036 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.463  | 99   | 1250171  | 132.285 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.386  | 82   | 762530   | 94.967  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 383117   | 137.260 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 1396722  | 85.144  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 1491285  | 102.708 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 134902   | 40.843  | ng    | 100      |
| 3) Pyridine                   | 3.416  | 79   | 297139   | 32.959  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 172316   | 45.715  | ng    | 92       |
| 6) Aniline                    | 6.487  | 93   | 430207   | 35.160  | ng    | 97       |
| 8) 2-Chlorophenol             | 6.604  | 128  | 392358   | 48.383  | ng    | 99       |
| 9) Benzaldehyde               | 6.369  | 77   | 102779   | 19.504  | ng    | 97       |
| 10) Phenol                    | 6.475  | 94   | 464809   | 47.552  | ng    | 85       |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 358083   | 46.794  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 402728   | 47.716  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.839  | 146  | 411123   | 48.605  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.986  | 146  | 390275   | 49.345  | ng    | 96       |
| 15) Benzyl Alcohol            | 6.963  | 79   | 311470   | 46.481  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 501882   | 47.649  | ng    | 99       |
| 17) 2-Methylphenol            | 7.075  | 107  | 307006   | 44.627  | ng    | 97       |
| 18) Hexachloroethane          | 7.334  | 117  | 146742   | 49.359  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.239  | 70   | 250871   | 46.459  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.228  | 107  | 369345   | 44.028  | ng    | 94       |
| 22) Acetophenone              | 7.234  | 105  | 513535   | 47.846  | ng    | # 90     |
| 24) Nitrobenzene              | 7.404  | 77   | 388900   | 47.883  | ng    | 93       |
| 25) Isophorone                | 7.645  | 82   | 715708   | 47.214  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.716  | 139  | 201067   | 54.260  | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 7.757  | 122  | 350462   | 50.049  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.857  | 93   | 436047   | 46.948  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.963  | 162  | 322003   | 48.778  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 344461   | 47.833  | ng    | 99       |
| 31) Naphthalene               | 8.128  | 128  | 1089419  | 46.674  | ng    | 99       |
| 32) Benzoic acid              | 7.886  | 122  | 254908   | 45.714  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.175  | 127  | 331895   | 32.469  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.239  | 225  | 201099   | 48.694  | ng    | 99       |
| 35) Caprolactam               | 8.551  | 113  | 72702    | 33.870  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 345515   | 49.855  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 727706   | 46.497  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 670447   | 46.032  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 336308   | 45.095  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.969  | 237  | 397270   | 99.710  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 229869   | 47.273  | ng    | 100      |

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 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

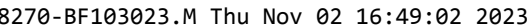
Instrument :  
 BNA\_F  
 ClientSampleId :

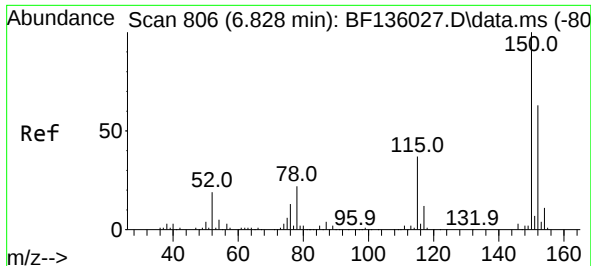
Quant Time: Nov 02 16:48:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 31 01:13:02 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.139  | 196  | 258974   | 45.977 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.286  | 154  | 905846   | 45.441 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 683772   | 46.529 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 217992   | 50.123 | ng    | 98       |
| 49) Acenaphthylene            | 9.727  | 152  | 1050278  | 45.812 | ng    | 99       |
| 50) Dimethylphthalate         | 9.592  | 163  | 807620   | 46.822 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.651  | 165  | 183525   | 49.747 | ng    | 99       |
| 52) Acenaphthene              | 9.898  | 154  | 675404   | 46.343 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.816  | 138  | 173345   | 40.270 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.927  | 184  | 190697   | 93.842 | ng    | 97       |
| 55) Dibenzofuran              | 10.069 | 168  | 972906   | 45.781 | ng    | 96       |
| 56) 4-Nitrophenol             | 9.980  | 139  | 302108   | 93.825 | ng    | # 81     |
| 57) 2,4-Dinitrotoluene        | 10.057 | 165  | 244819   | 52.450 | ng    | 95       |
| 58) Fluorene                  | 10.416 | 166  | 725544   | 45.600 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232  | 218440   | 48.779 | ng    | 99       |
| 60) Diethylphthalate          | 10.292 | 149  | 775159   | 47.034 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204  | 357190   | 44.972 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.439 | 138  | 190277   | 45.905 | ng    | 97       |
| 63) Azobenzene                | 10.569 | 77   | 725430   | 45.705 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.463 | 198  | 133042   | 50.437 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.527 | 169  | 665057   | 46.228 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 238284   | 47.657 | ng    | # 92     |
| 68) Hexachlorobenzene         | 10.963 | 284  | 265899   | 49.793 | ng    | 99       |
| 69) Atrazine                  | 11.057 | 200  | 149627   | 38.226 | ng    | 99       |
| 70) Pentachlorophenol         | 11.157 | 266  | 300616   | 87.656 | ng    | 97       |
| 71) Phenanthrene              | 11.380 | 178  | 1117136  | 46.524 | ng    | 100      |
| 72) Anthracene                | 11.433 | 178  | 1127026  | 45.805 | ng    | 100      |
| 73) Carbazole                 | 11.586 | 167  | 987607   | 46.190 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 1126942  | 46.126 | ng    | 99       |
| 75) Fluoranthene              | 12.574 | 202  | 1077724  | 43.689 | ng    | 98       |
| 77) Benzidine                 | 12.698 | 184  | 259127   | 58.920 | ng    | 98       |
| 78) Pyrene                    | 12.804 | 202  | 1083839  | 54.482 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 357597   | 50.217 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 706021   | 47.263 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.968 | 252  | 226551   | 47.517 | ng    | # 99     |
| 83) Chrysene                  | 14.039 | 228  | 686835   | 46.688 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.004 | 149  | 384125   | 46.301 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 585180   | 47.084 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.015 | 276  | 820497   | 54.069 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.062 | 252  | 658881   | 47.956 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.092 | 252  | 637361   | 46.885 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.433 | 252  | 591143   | 46.307 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.039 | 278  | 679540   | 54.668 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.480 | 276  | 686187   | 48.457 | ng    | 99       |

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

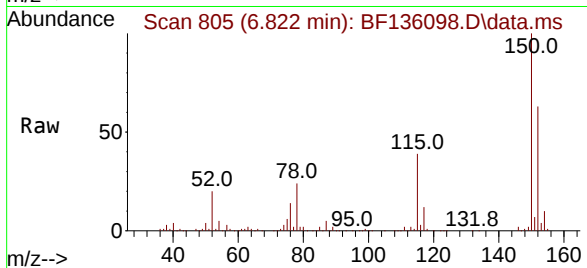
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF103023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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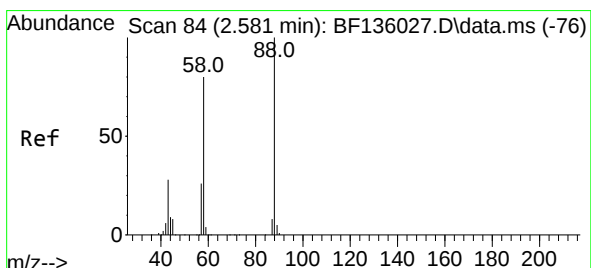
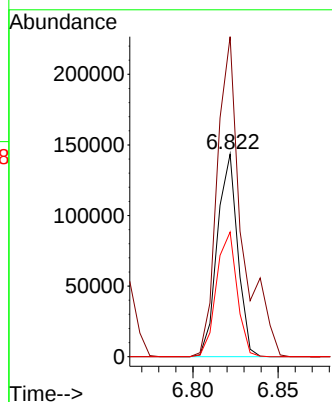
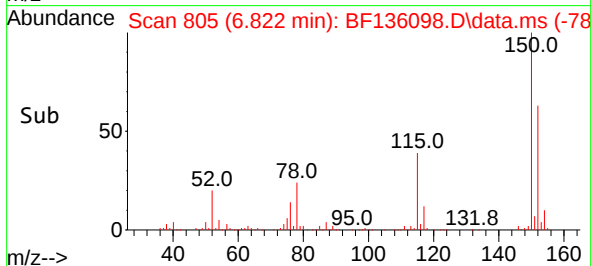


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.822 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BF136098.D  
 Acq: 02 Nov 2023 16:24

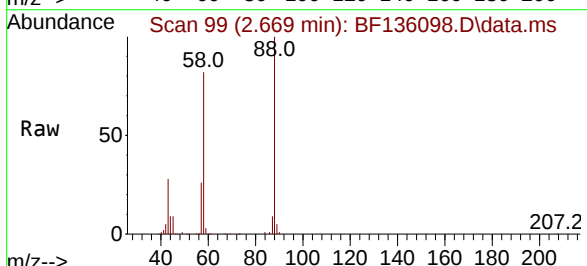
Instrument :  
 BNA\_F  
 ClientSampleId :



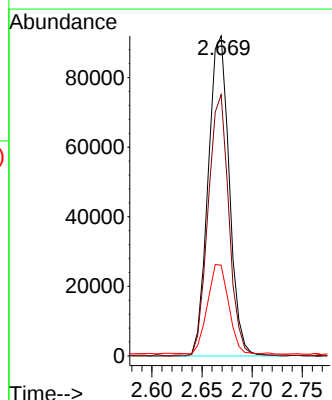
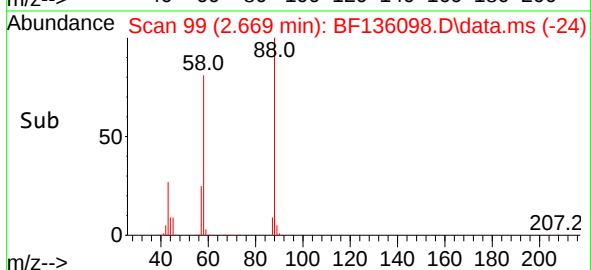
Tgt Ion:152 Resp: 119193  
 Ion Ratio Lower Upper  
 152 100  
 150 157.9 126.4 189.6  
 115 61.5 47.0 70.4

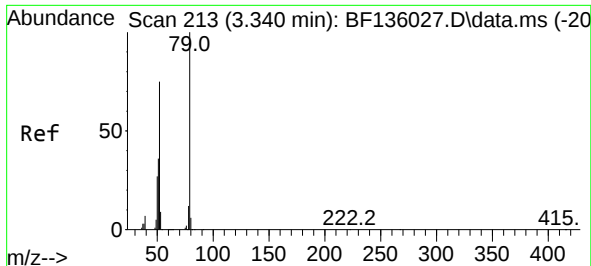


#2  
 1,4-Dioxane  
 Concen: 40.843 ng  
 RT: 2.669 min Scan# 99  
 Delta R.T. 0.088 min  
 Lab File: BF136098.D  
 Acq: 02 Nov 2023 16:24



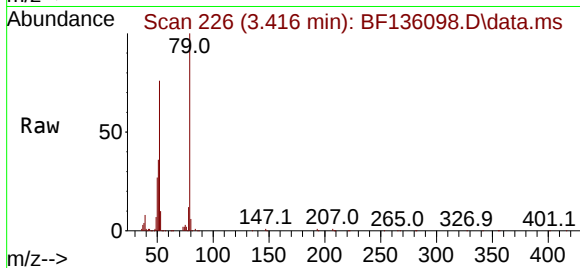
Tgt Ion: 88 Resp: 134902  
 Ion Ratio Lower Upper  
 88 100  
 58 80.3 64.3 96.5  
 43 27.7 22.3 33.5



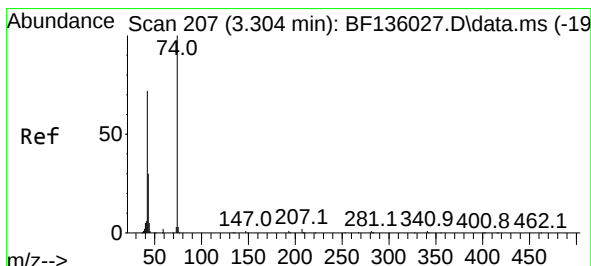
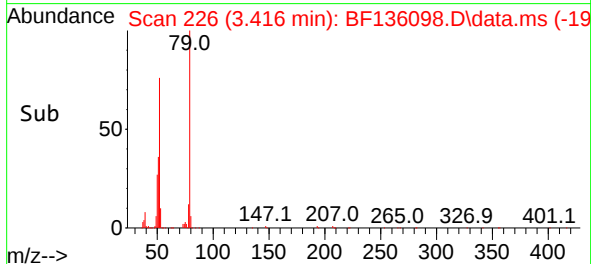
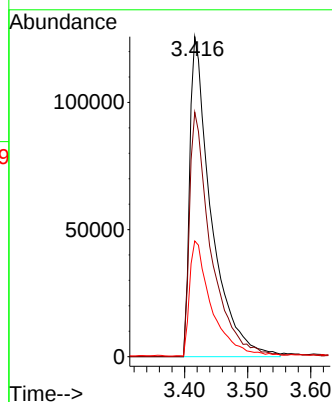


#3  
Pyridine  
Concen: 32.959 ng  
RT: 3.416 min Scan# 213  
Delta R.T. 0.077 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Instrument :  
BNA\_F  
ClientSampleId :

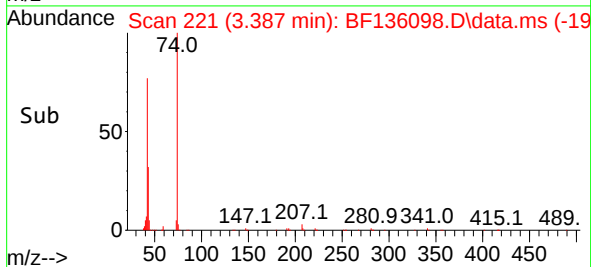
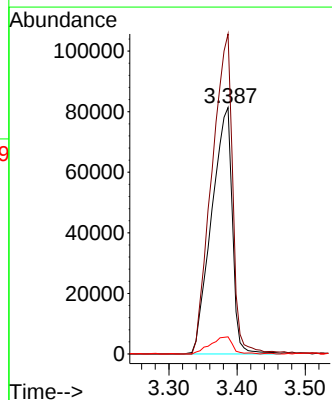
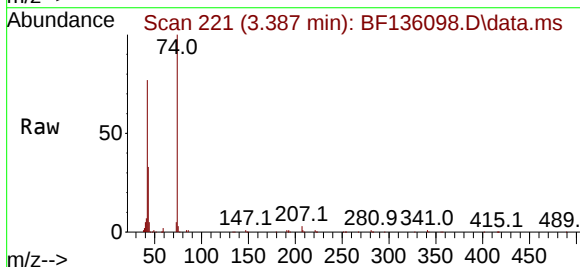


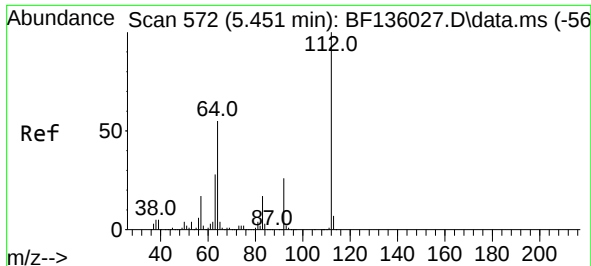
Tgt Ion: 79 Resp: 297139  
Ion Ratio Lower Upper  
79 100  
52 76.4 60.3 90.5  
51 36.1 29.3 43.9



#4  
n-Nitrosodimethylamine  
Concen: 45.715 ng  
RT: 3.387 min Scan# 221  
Delta R.T. 0.082 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion: 42 Resp: 172316  
Ion Ratio Lower Upper  
42 100  
74 129.8 111.8 167.6  
44 6.9 6.2 9.4

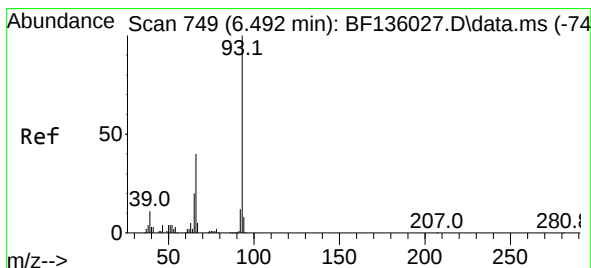
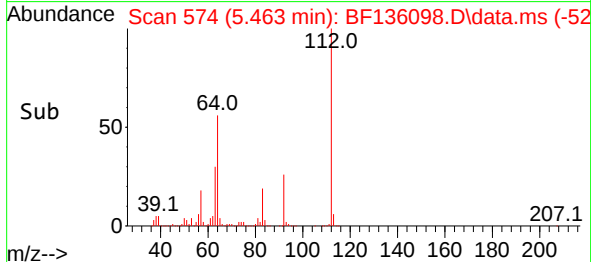
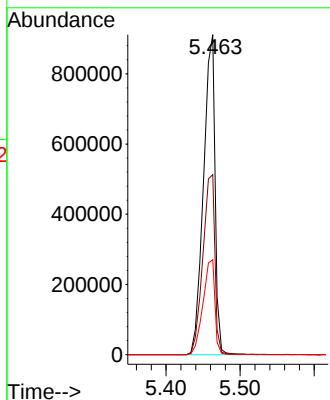
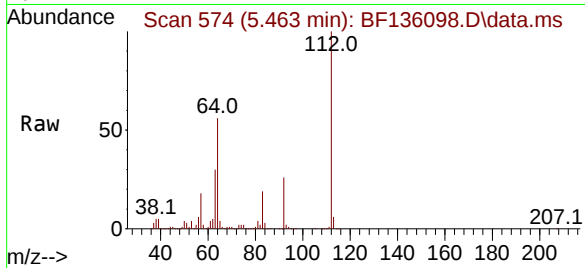




#5  
2-Fluorophenol  
Concen: 131.036 ng  
RT: 5.463 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

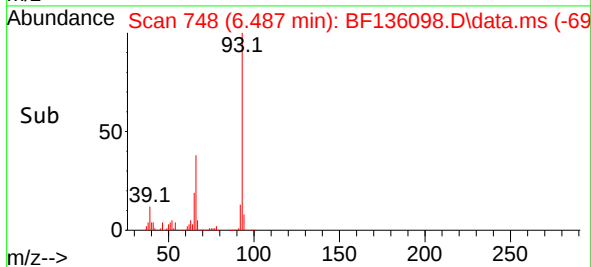
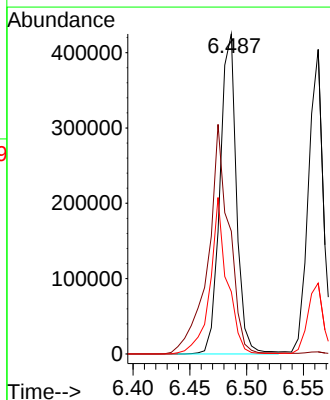
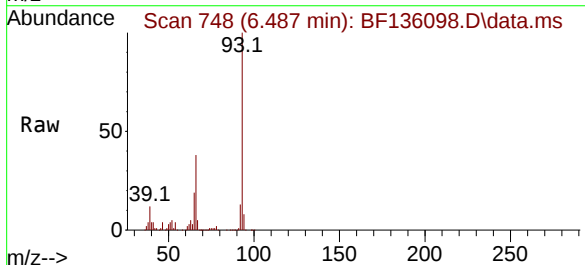
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:112 Resp: 993921  
Ion Ratio Lower Upper  
112 100  
64 56.2 43.9 65.9  
63 29.7 22.4 33.6



#6  
Aniline  
Concen: 35.160 ng  
RT: 6.487 min Scan# 748  
Delta R.T. -0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion: 93 Resp: 430207  
Ion Ratio Lower Upper  
93 100  
66 38.4 32.4 48.6  
65 19.4 16.2 24.2





#7

Phenol-d6

Concen: 132.285 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :

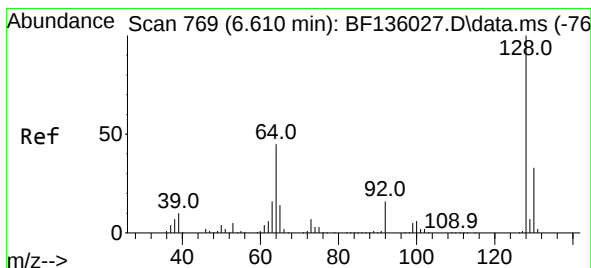
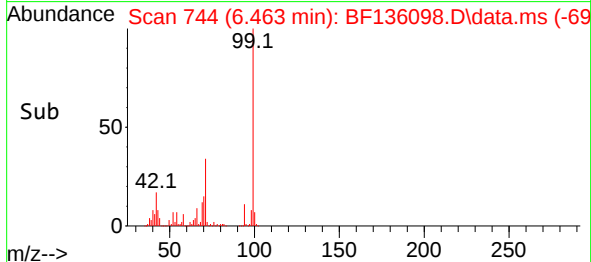
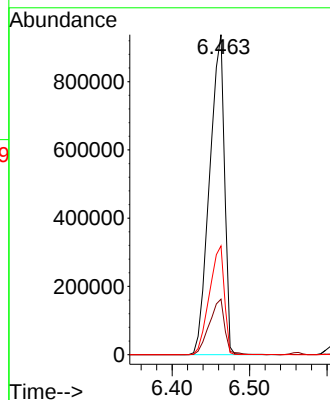
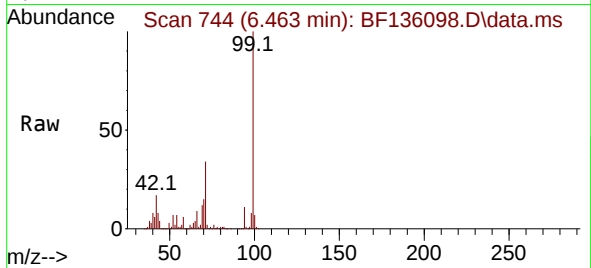
Tgt Ion: 99 Resp: 1250171

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

71 34.0 25.9 38.9



#8

2-Chlorophenol

Concen: 48.383 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

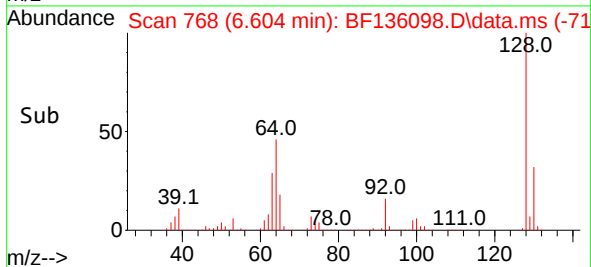
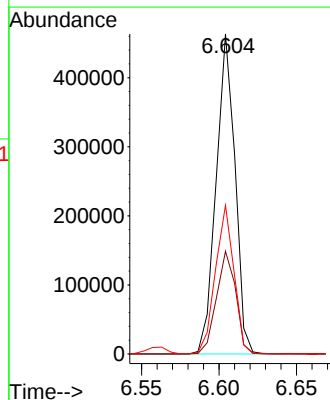
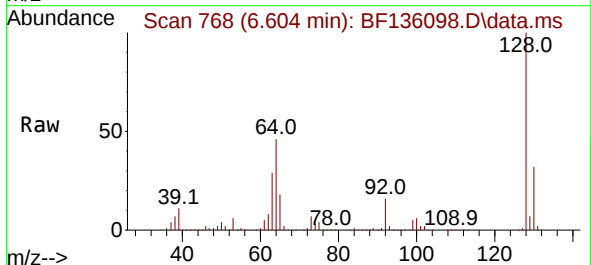
Tgt Ion:128 Resp: 392358

Ion Ratio Lower Upper

128 100

130 32.1 12.8 52.8

64 46.5 25.8 65.8

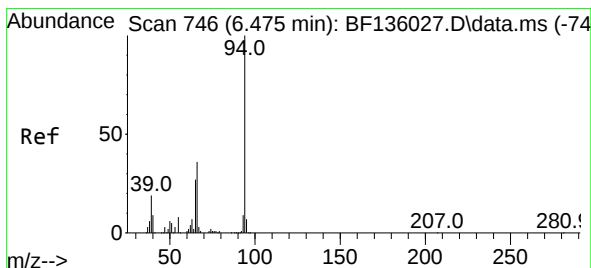
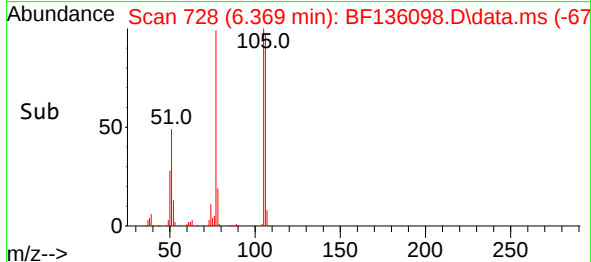
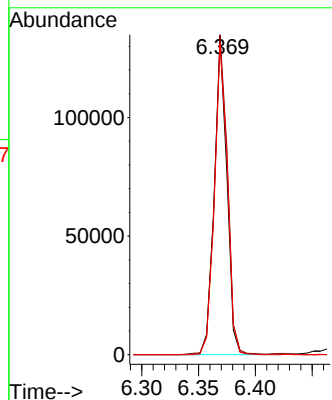
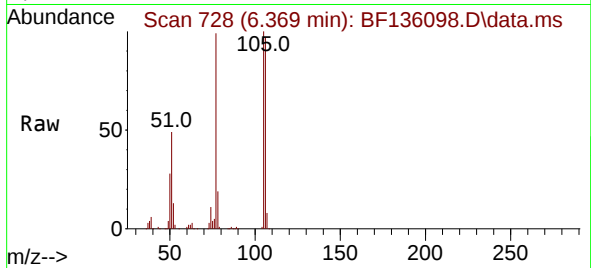




#9  
Benzaldehyde  
Concen: 19.504 ng  
RT: 6.369 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

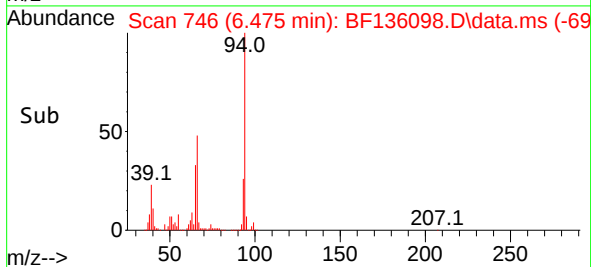
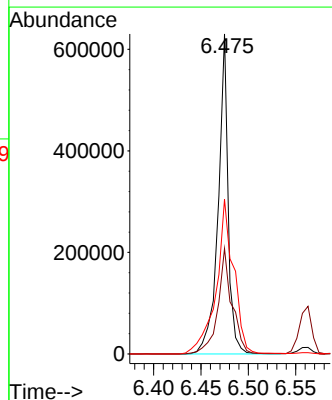
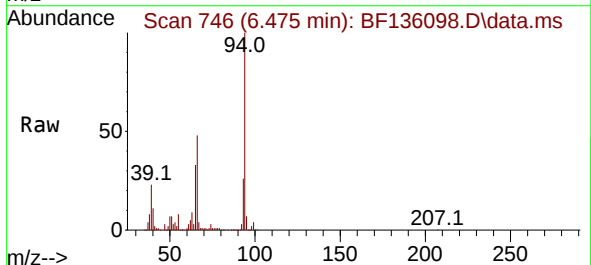
Instrument :  
BNA\_F  
ClientSampleId :

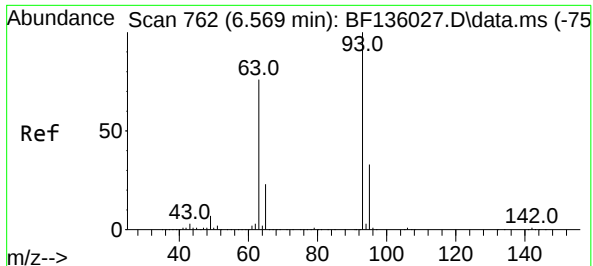
Tgt Ion: 77 Resp: 102779  
Ion Ratio Lower Upper  
77 100  
105 101.1 85.7 125.7  
106 98.2 79.8 119.8



#10  
Phenol  
Concen: 47.552 ng  
RT: 6.475 min Scan# 746  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion: 94 Resp: 464809  
Ion Ratio Lower Upper  
94 100  
65 33.0 7.5 47.5  
66 48.4 17.1 57.1

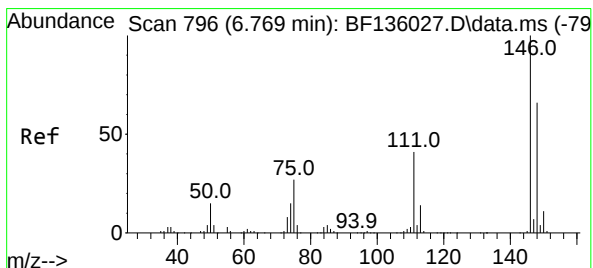
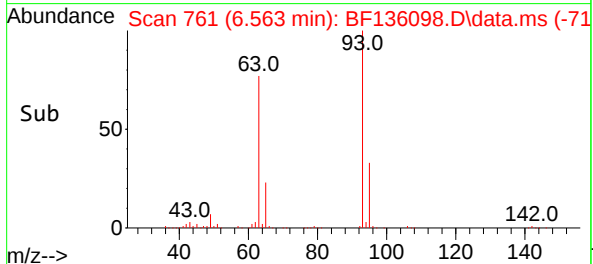
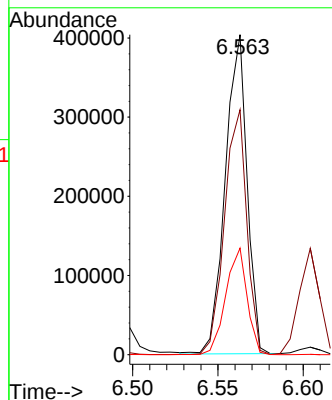
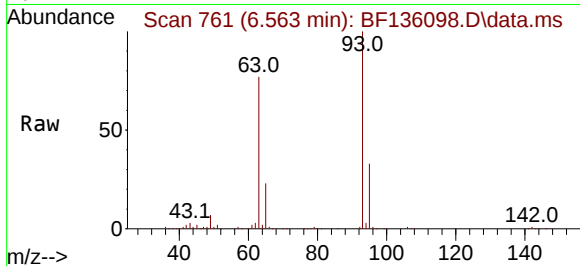




#11  
bis(2-Chloroethyl)ether  
Concen: 46.794 ng  
RT: 6.563 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

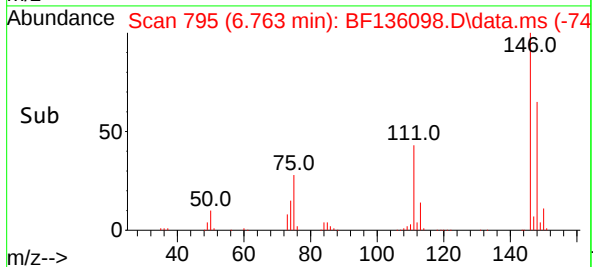
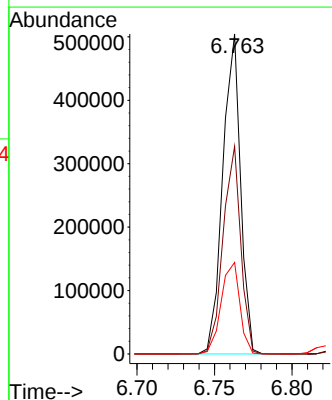
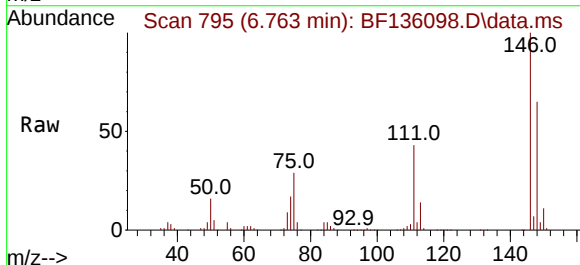
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion: 93 Resp: 358083  
Ion Ratio Lower Upper  
93 100  
63 76.5 55.8 95.8  
95 33.3 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 47.716 ng  
RT: 6.763 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion:146 Resp: 402728  
Ion Ratio Lower Upper  
146 100  
148 64.9 52.6 78.8  
75 28.6 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 48.605 ng

RT: 6.839 min Scan# 809

Delta R.T. -0.006 min

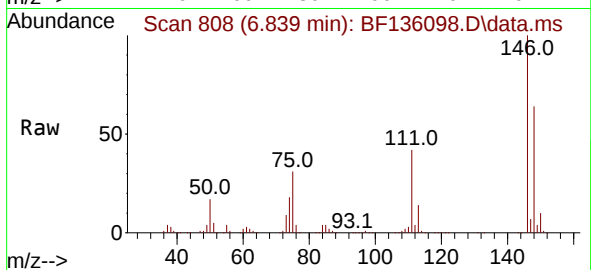
Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :



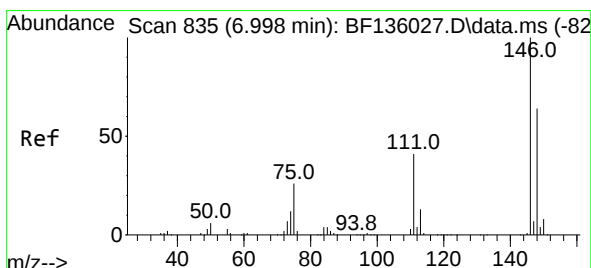
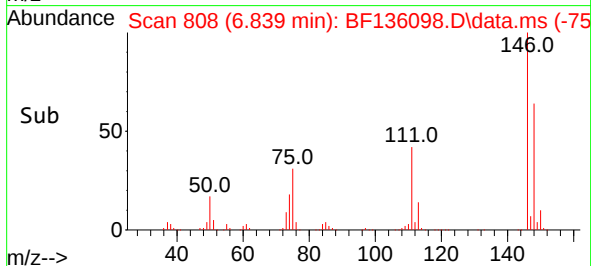
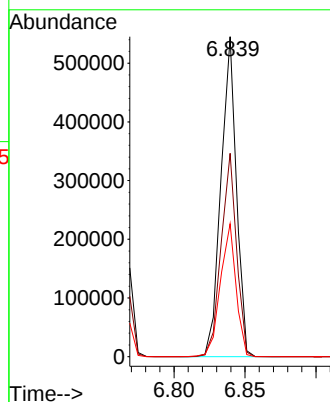
Tgt Ion:146 Resp: 411123

Ion Ratio Lower Upper

146 100

148 63.6 52.1 78.1

111 41.5 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 49.345 ng

RT: 6.986 min Scan# 833

Delta R.T. -0.012 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

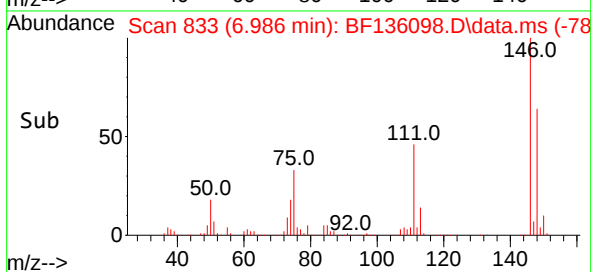
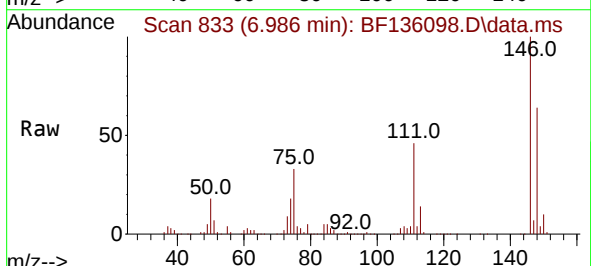
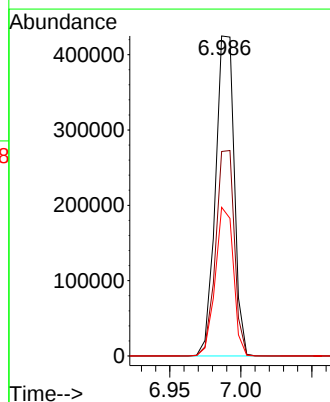
Tgt Ion:146 Resp: 390275

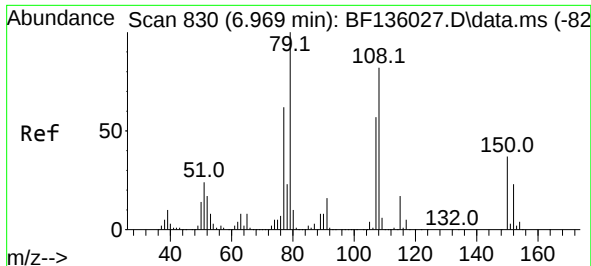
Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

111 46.5 33.0 49.4

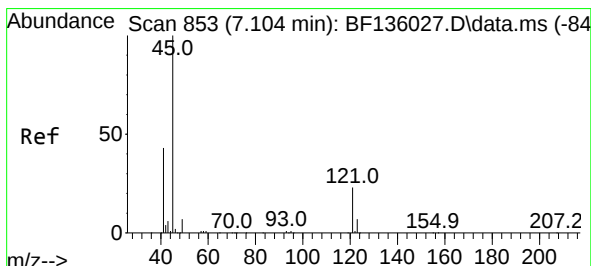
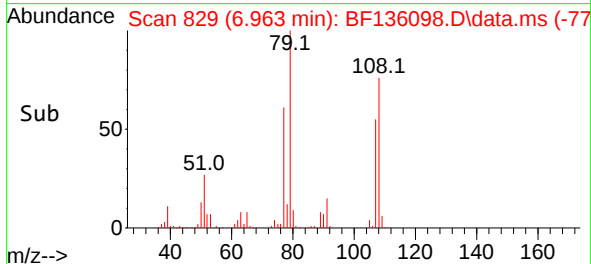
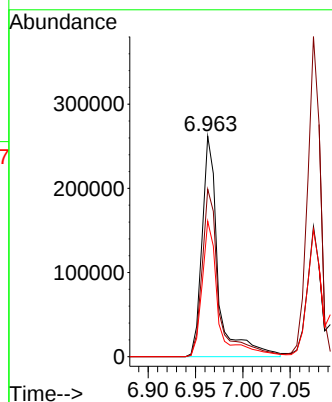
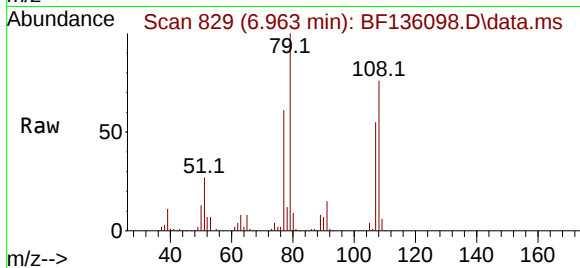




#15  
Benzyl Alcohol  
Concen: 46.481 ng  
RT: 6.963 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

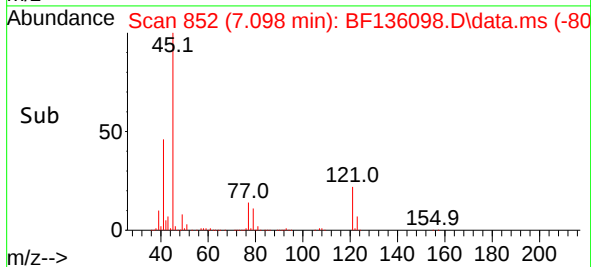
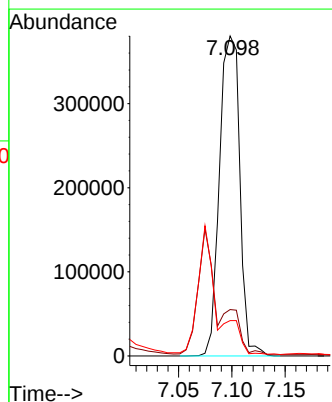
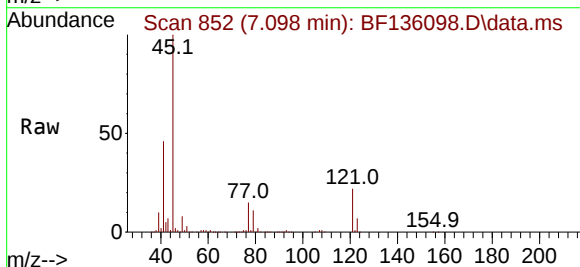
Instrument :  
BNA\_F  
ClientSampleId :

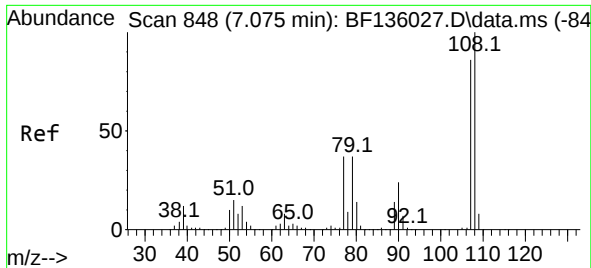
Tgt Ion: 79 Resp: 311470  
Ion Ratio Lower Upper  
79 100  
108 76.0 65.9 98.9  
77 61.5 49.4 74.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.649 ng  
RT: 7.098 min Scan# 852  
Delta R.T. -0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

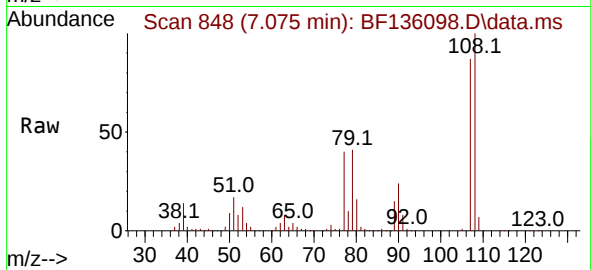
Tgt Ion: 45 Resp: 501882  
Ion Ratio Lower Upper  
45 100  
77 14.5 0.0 34.6  
79 11.1 0.0 30.6





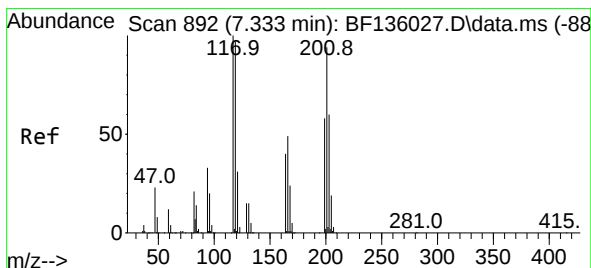
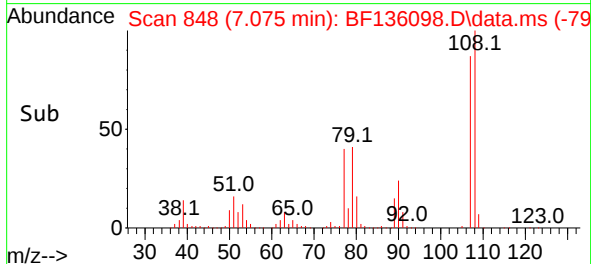
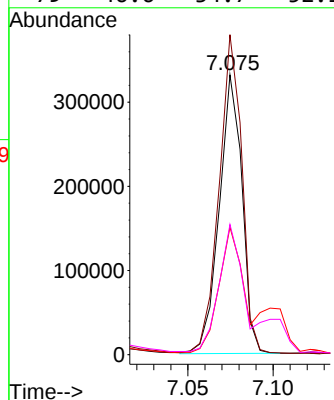
#17  
2-Methylphenol  
Concen: 44.627 ng  
RT: 7.075 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:107 Resp: 307006

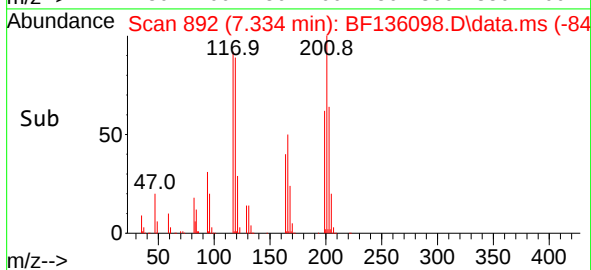
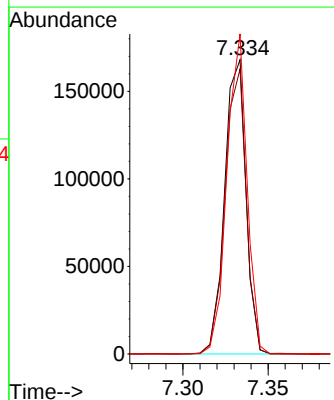
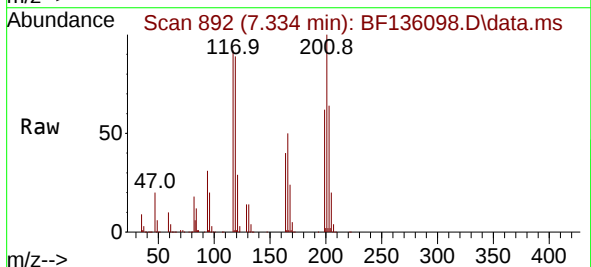
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 114.4 | 93.4  | 140.2 |
| 77  | 45.5  | 34.4  | 51.6  |
| 79  | 46.6  | 34.7  | 52.1  |



#18  
Hexachloroethane  
Concen: 49.359 ng  
RT: 7.334 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion:117 Resp: 146742

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.8  | 77.7  | 116.5 |
| 201 | 108.8 | 75.0  | 112.6 |





#19

n-Nitroso-di-n-propylamine

Concen: 46.459 ng

RT: 7.239 min Scan# 81

Delta R.T. -0.006 min

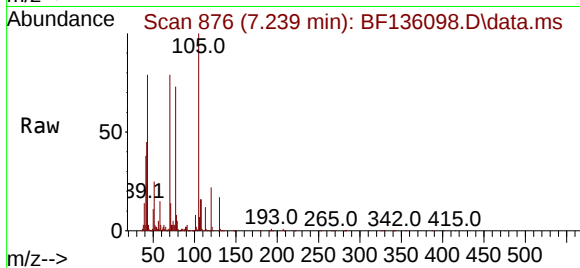
Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion: 70 Resp: 250871

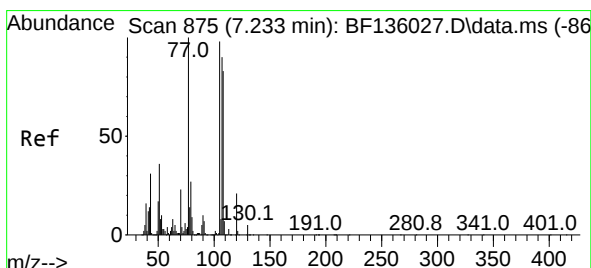
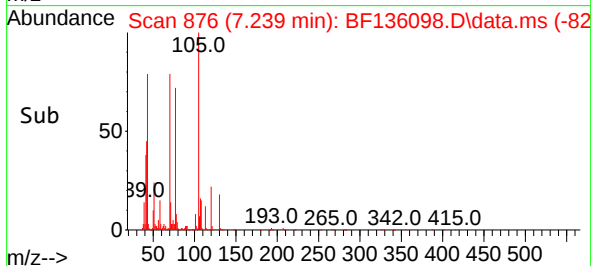
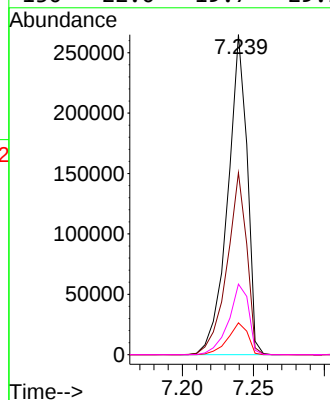
Ion Ratio Lower Upper

70 100

42 56.8 43.0 64.4

101 10.0 8.0 12.0

130 22.0 19.7 29.5



#20

3+4-Methylphenols

Concen: 44.028 ng

RT: 7.228 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Tgt Ion: 107 Resp: 369345

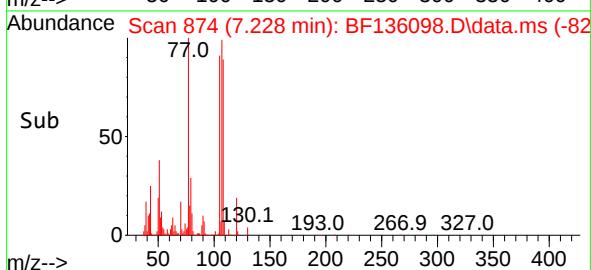
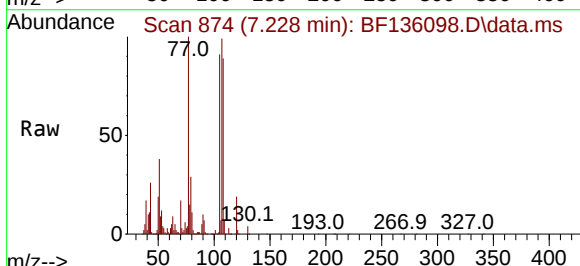
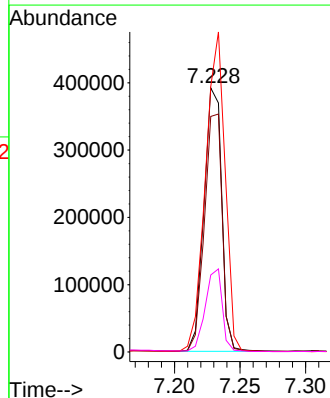
Ion Ratio Lower Upper

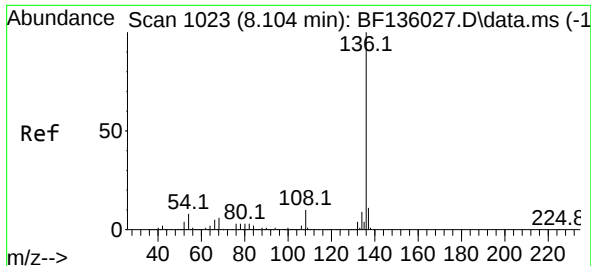
107 100

108 89.2 72.3 112.3

77 100.5 91.4 131.4

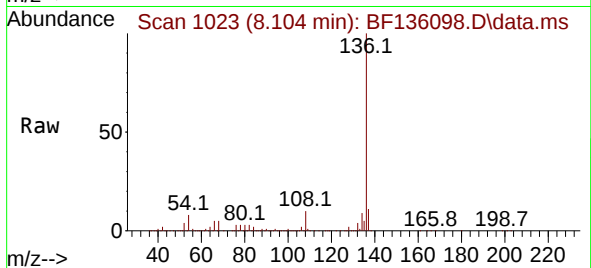
79 29.2 9.7 49.7



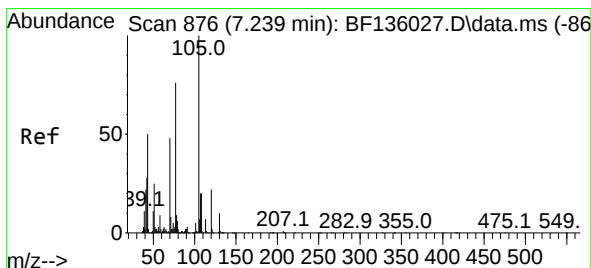
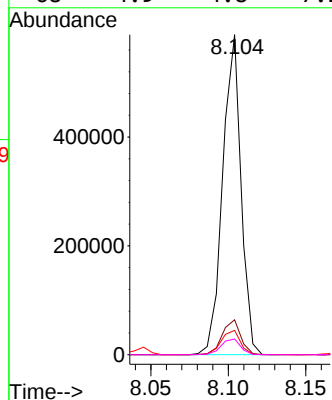
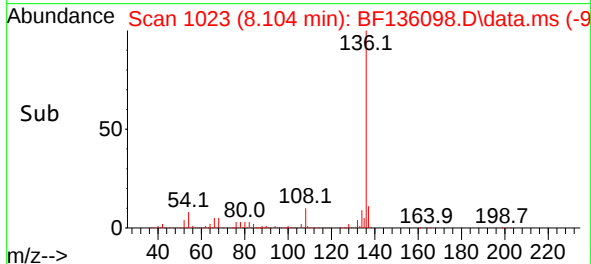


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

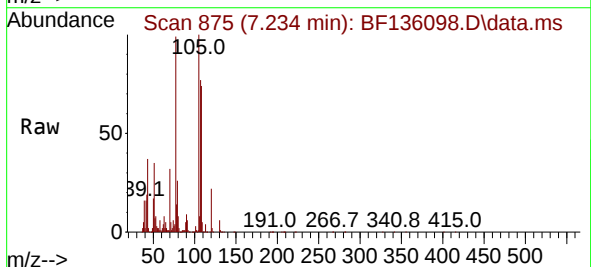
Instrument :  
BNA\_F  
ClientSampleId :



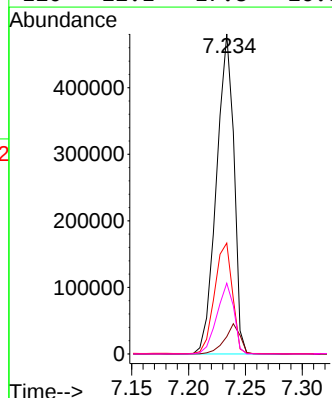
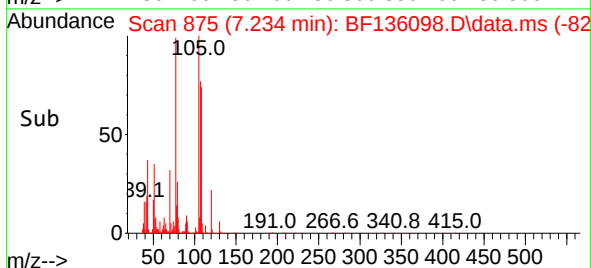
Tgt Ion:136 Resp: 484035  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 7.6 6.6 9.8  
68 4.9 4.8 7.2

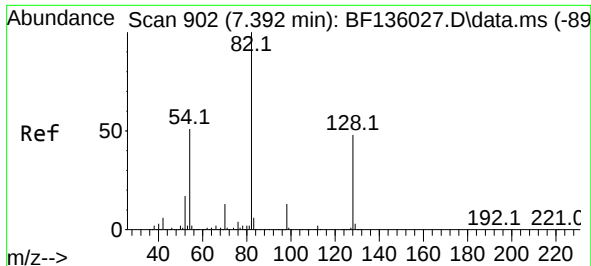


#22  
Acetophenone  
Concen: 47.846 ng  
RT: 7.234 min Scan# 875  
Delta R.T. -0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24



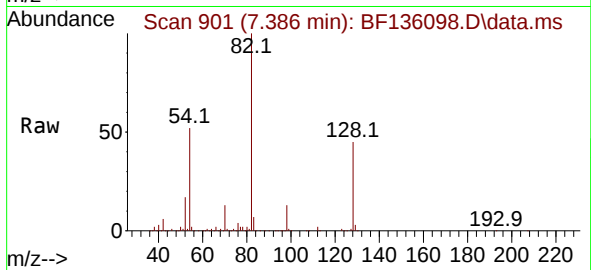
Tgt Ion:105 Resp: 513535  
Ion Ratio Lower Upper  
105 100  
71 5.4 6.5 9.7#  
51 34.7 20.3 30.5#  
120 22.1 17.8 26.8



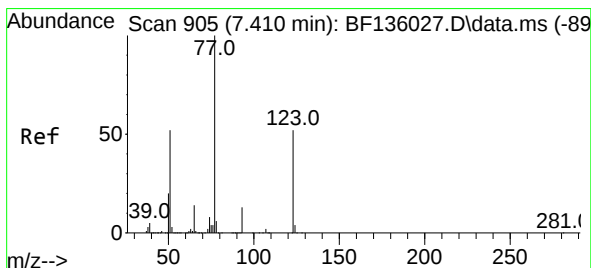
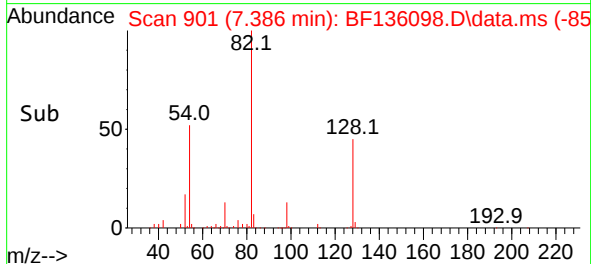
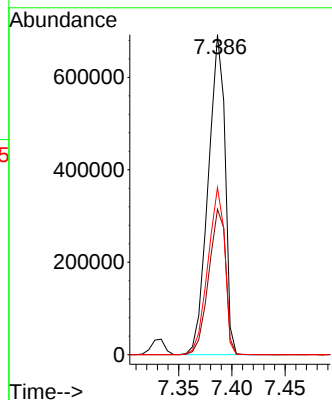


#23  
Nitrobenzene-d5  
Concen: 94.967 ng  
RT: 7.386 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Instrument :  
BNA\_F  
ClientSampleId :

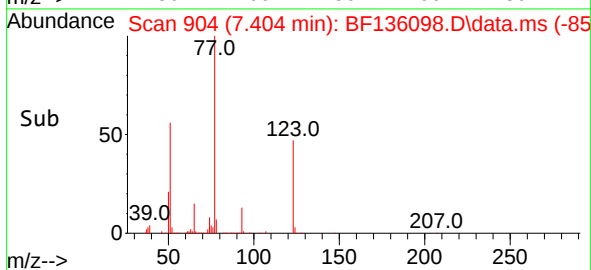
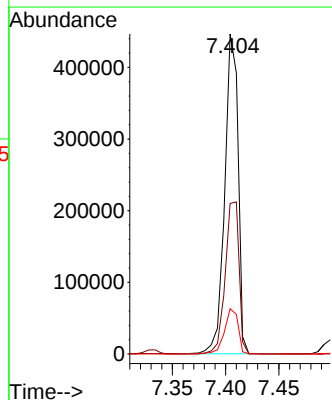
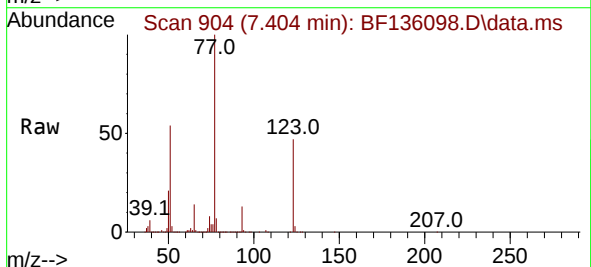


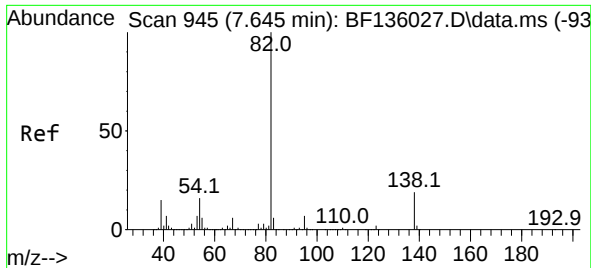
Tgt Ion: 82 Resp: 762530  
Ion Ratio Lower Upper  
82 100  
128 45.4 38.6 57.8  
54 52.3 40.8 61.2



#24  
Nitrobenzene  
Concen: 47.883 ng  
RT: 7.404 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion: 77 Resp: 388900  
Ion Ratio Lower Upper  
77 100  
123 47.0 42.3 63.5  
65 14.1 11.0 16.6

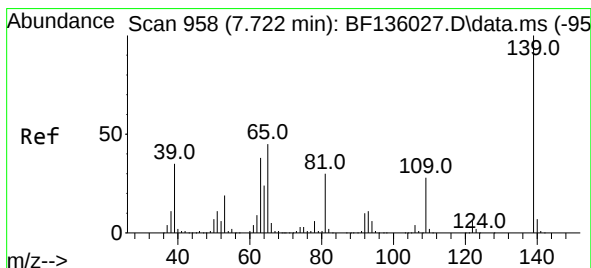
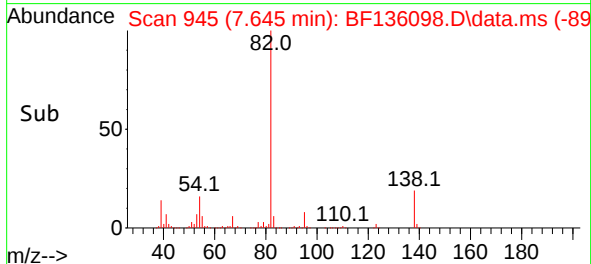
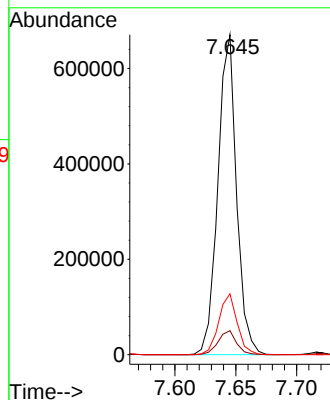
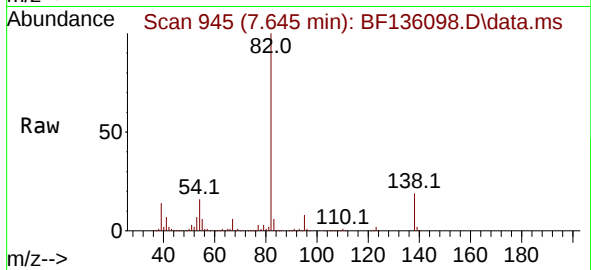




#25  
Isophorone  
Concen: 47.214 ng  
RT: 7.645 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

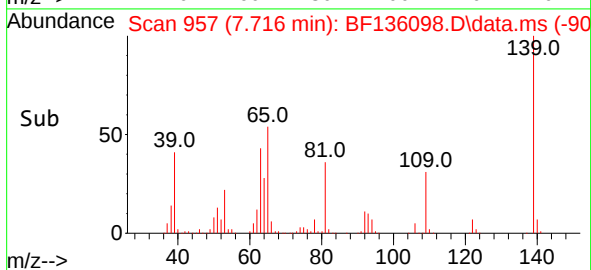
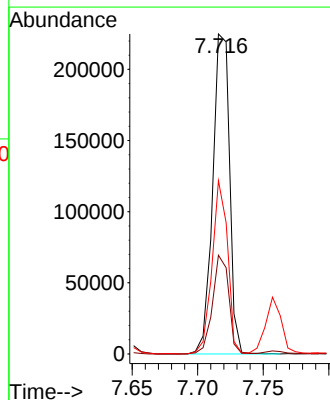
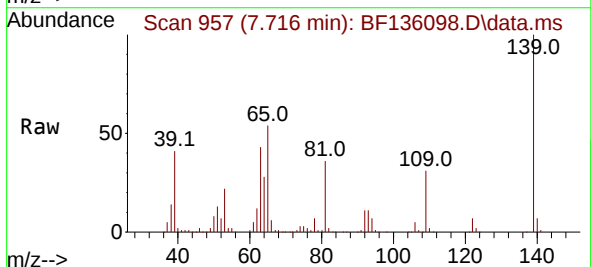
Instrument :  
BNA\_F  
ClientSampleId :

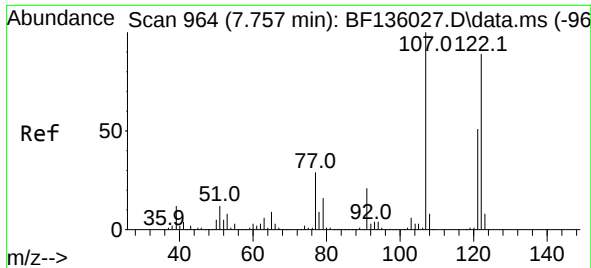
Tgt Ion: 82 Resp: 715708  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.9 8.9  
138 19.0 15.3 22.9



#26  
2-Nitrophenol  
Concen: 54.260 ng  
RT: 7.716 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

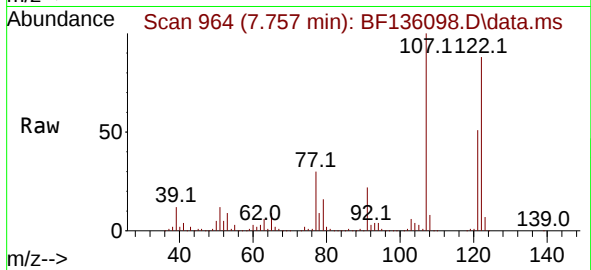
Tgt Ion:139 Resp: 201067  
Ion Ratio Lower Upper  
139 100  
109 30.8 22.6 34.0  
65 54.1 36.3 54.5



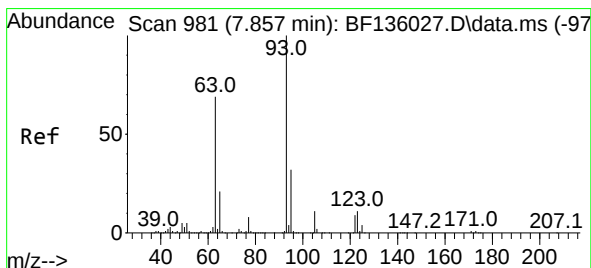
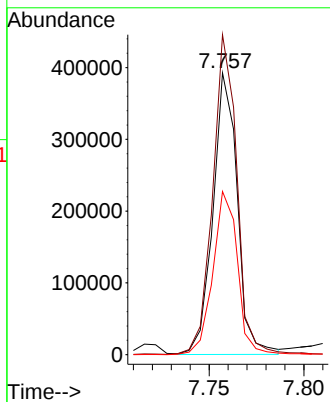
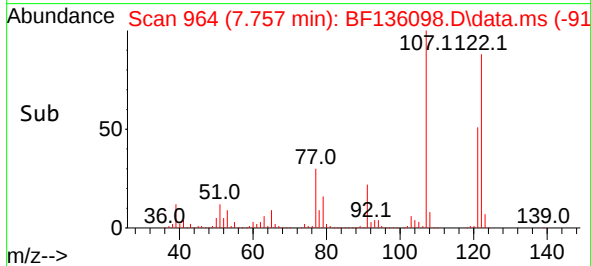


#27  
2,4-Dimethylphenol  
Concen: 50.049 ng  
RT: 7.757 min Scan# 964  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

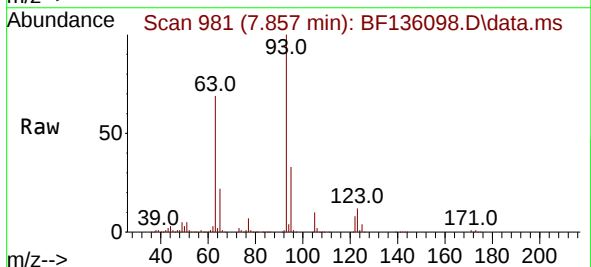
Instrument :  
BNA\_F  
ClientSampleId :



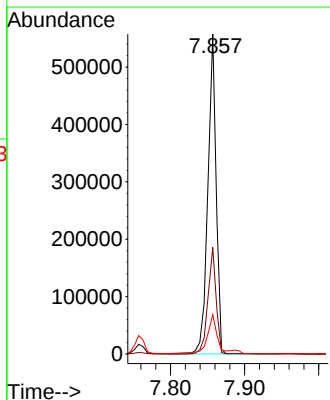
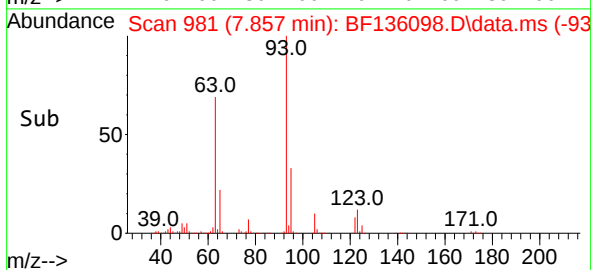
Tgt Ion:122 Resp: 350462  
Ion Ratio Lower Upper  
122 100  
107 113.6 89.6 134.4  
121 57.9 46.0 69.0

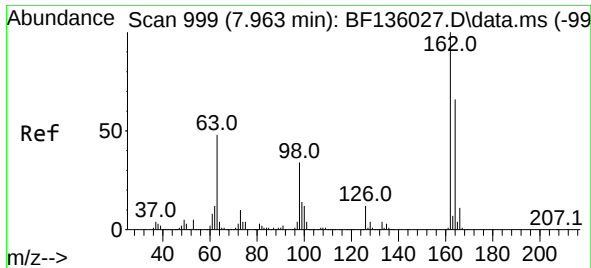


#28  
bis(2-Chloroethoxy)methane  
Concen: 46.948 ng  
RT: 7.857 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24



Tgt Ion: 93 Resp: 436047  
Ion Ratio Lower Upper  
93 100  
95 33.3 25.7 38.5  
123 12.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.778 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

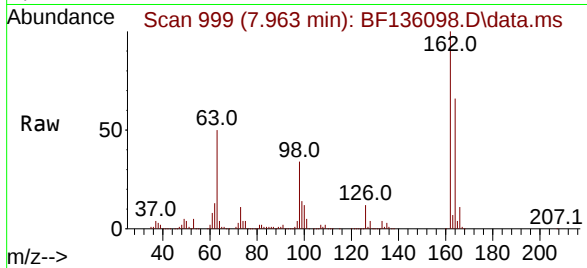
Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :



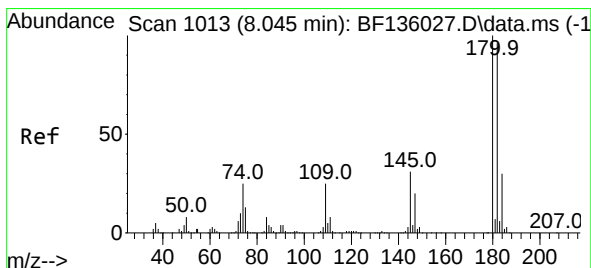
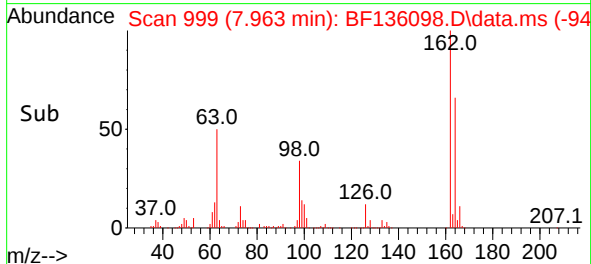
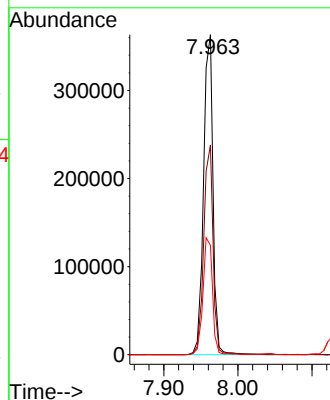
Tgt Ion:162 Resp: 322003

Ion Ratio Lower Upper

162 100

164 65.5 45.5 85.5

98 34.2 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 47.833 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

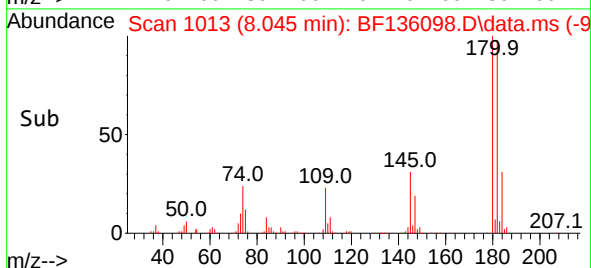
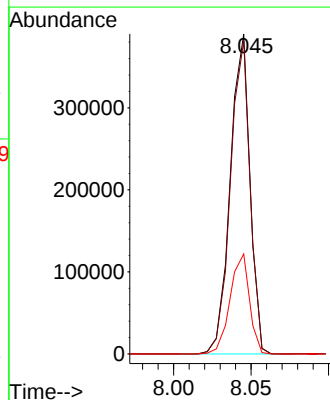
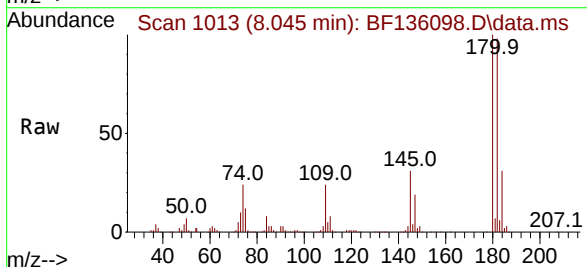
Tgt Ion:180 Resp: 344461

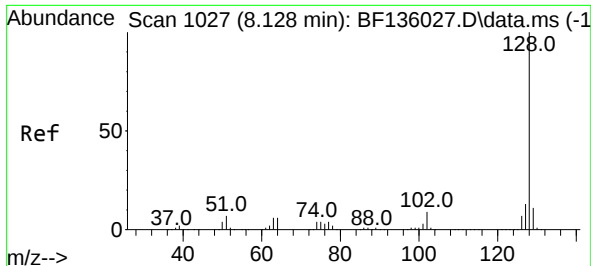
Ion Ratio Lower Upper

180 100

182 97.8 76.9 115.3

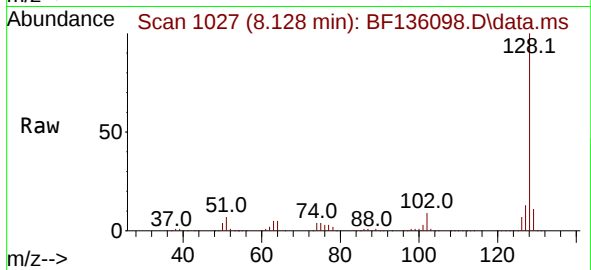
145 31.2 24.7 37.1



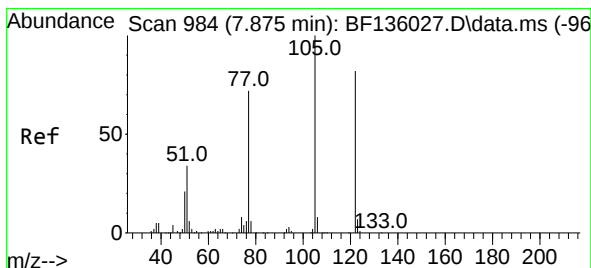
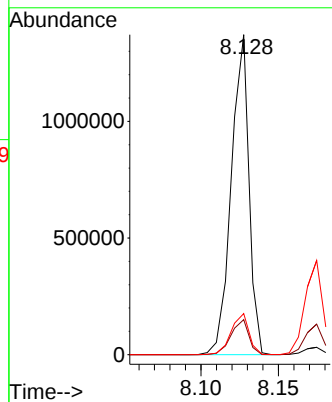
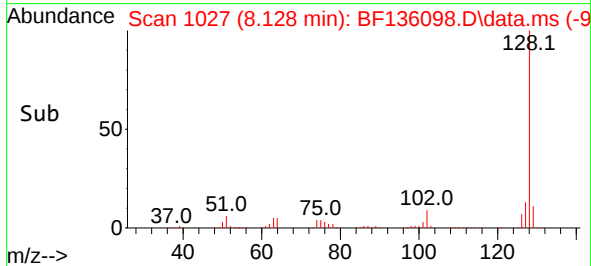


#31  
Naphthalene  
Concen: 46.674 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Instrument :  
BNA\_F  
ClientSampleId :

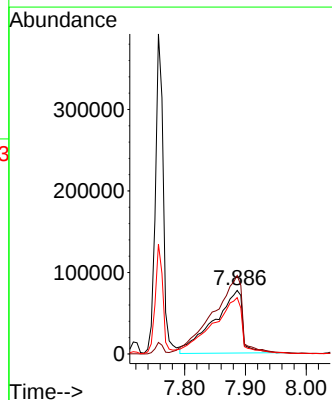
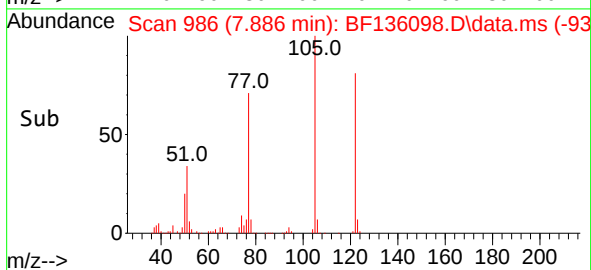
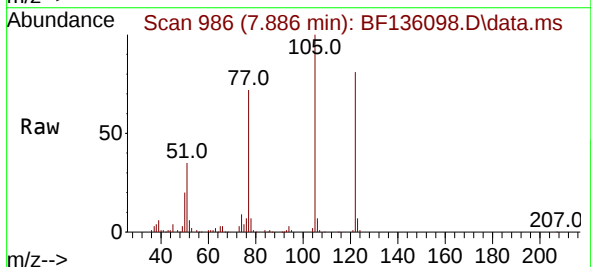


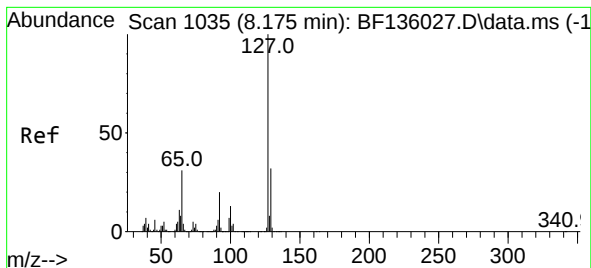
Tgt Ion:128 Resp: 1089419  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 12.8 10.5 15.7



#32  
Benzoic acid  
Concen: 45.714 ng  
RT: 7.886 min Scan# 986  
Delta R.T. 0.011 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion:122 Resp: 254908  
Ion Ratio Lower Upper  
122 100  
105 123.2 99.5 139.5  
77 88.5 66.8 106.8





#33

4-Chloroaniline

Concen: 32.469 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

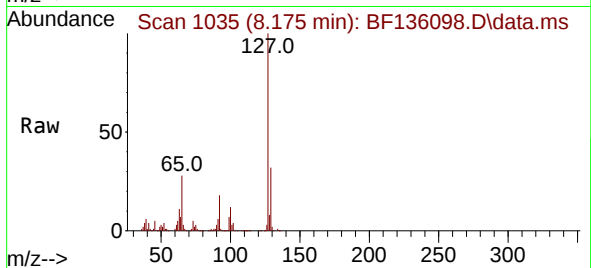
Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:127 Resp: 331895

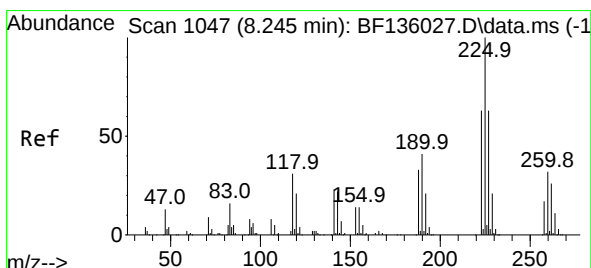
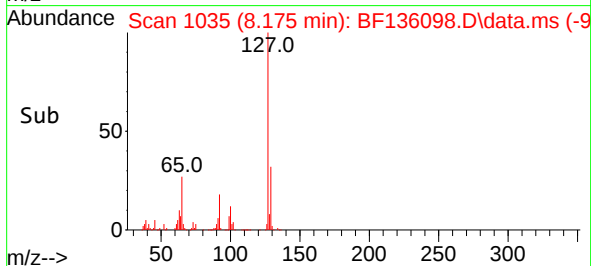
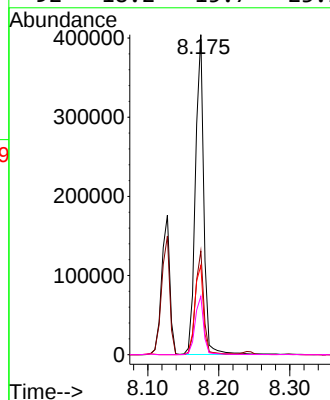
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 27.9 24.6 37.0

92 18.2 15.7 23.5



#34

Hexachlorobutadiene

Concen: 48.694 ng

RT: 8.239 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

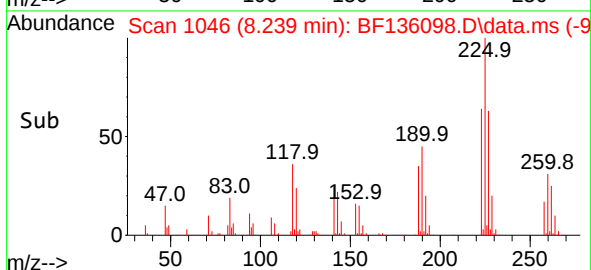
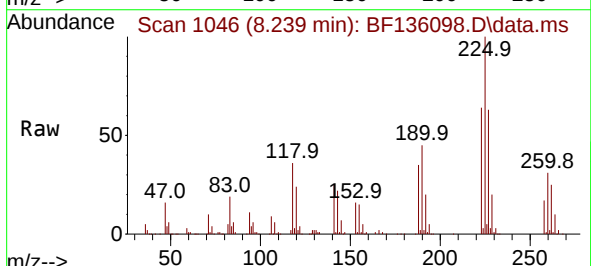
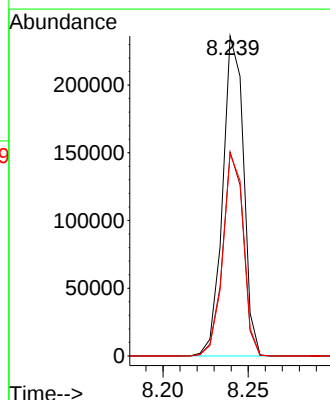
Tgt Ion:225 Resp: 201099

Ion Ratio Lower Upper

225 100

223 63.8 50.3 75.5

227 63.3 50.6 75.8

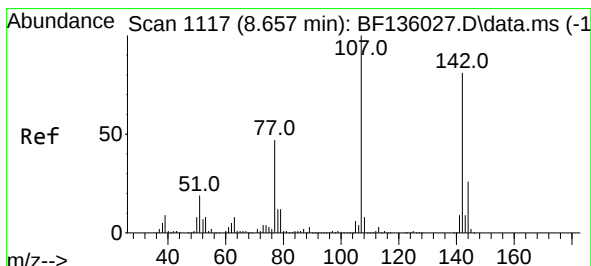
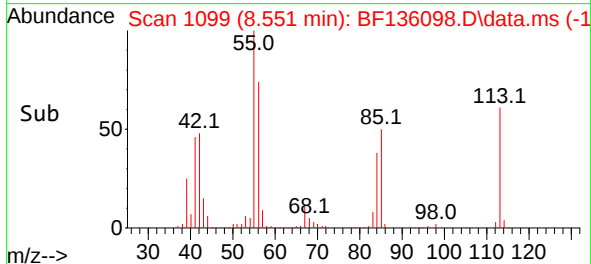
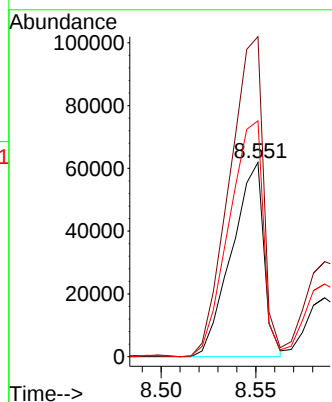
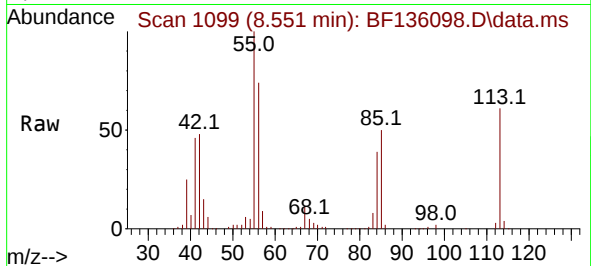




#35  
 Caprolactam  
 Concen: 33.870 ng  
 RT: 8.551 min Scan# 1109  
 Delta R.T. -0.006 min  
 Lab File: BF136098.D  
 Acq: 02 Nov 2023 16:24

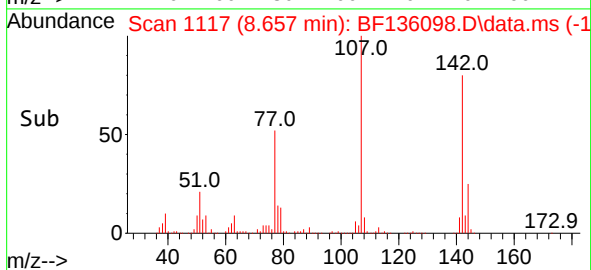
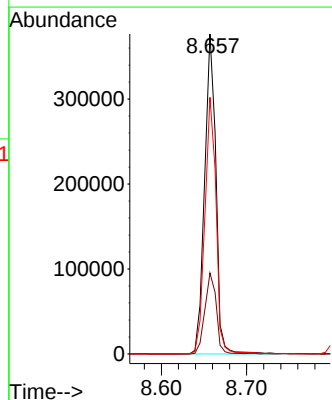
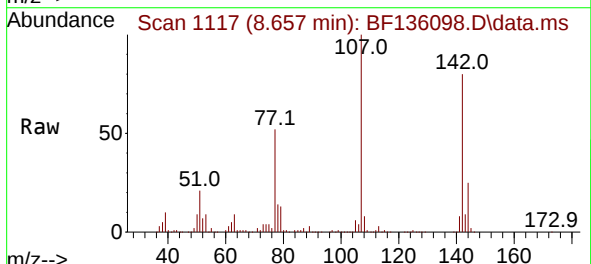
Instrument :  
 BNA\_F  
 ClientSampleId :

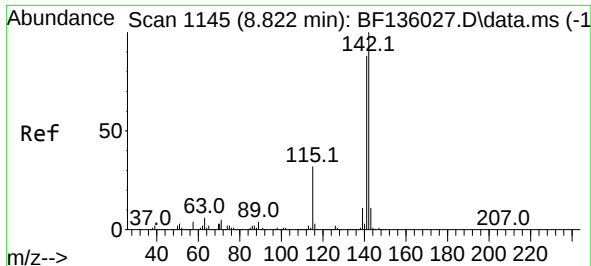
Tgt Ion:113 Resp: 72702  
 Ion Ratio Lower Upper  
 113 100  
 55 164.8 142.2 182.2  
 56 121.5 97.7 137.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 49.855 ng  
 RT: 8.657 min Scan# 1117  
 Delta R.T. 0.000 min  
 Lab File: BF136098.D  
 Acq: 02 Nov 2023 16:24

Tgt Ion:107 Resp: 345515  
 Ion Ratio Lower Upper  
 107 100  
 144 25.3 20.6 31.0  
 142 80.2 64.6 97.0

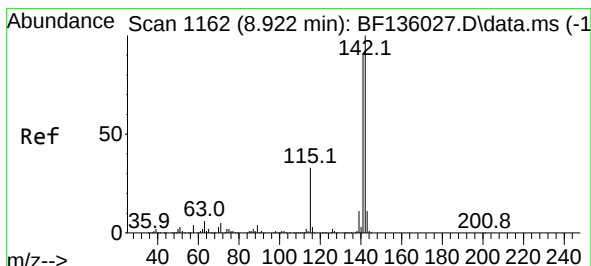
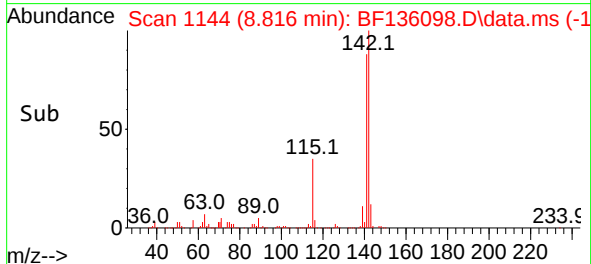
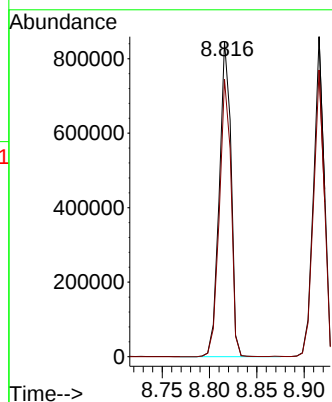
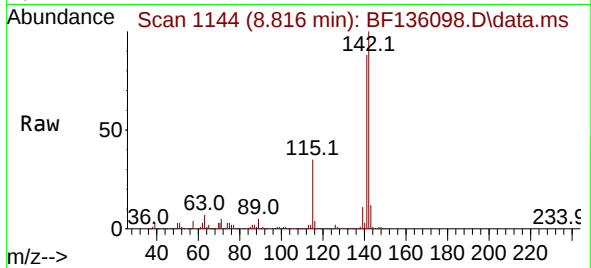




#37  
2-Methylnaphthalene  
Concen: 46.497 ng  
RT: 8.816 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

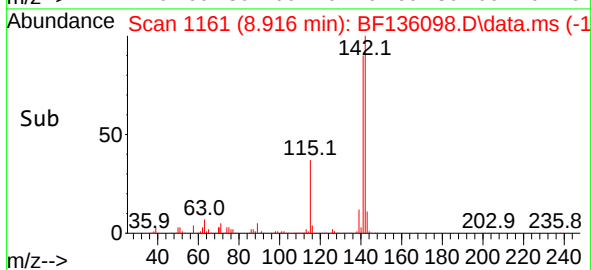
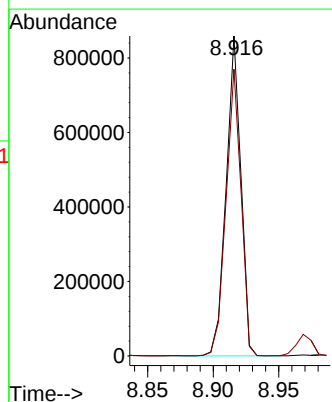
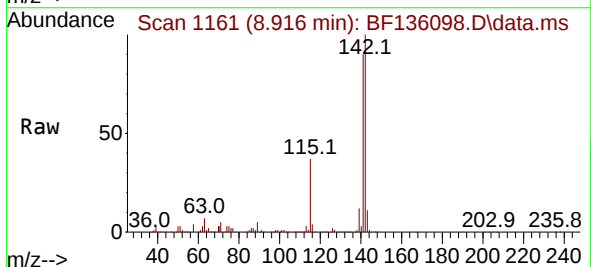
Instrument :  
BNA\_F  
ClientSampleId :

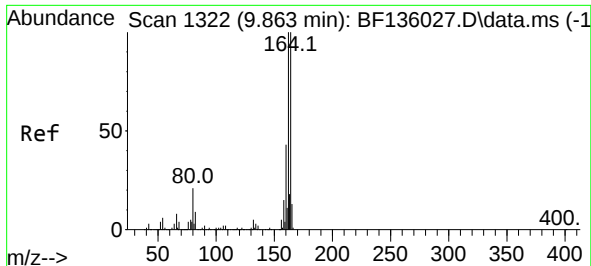
Tgt Ion:142 Resp: 727706  
Ion Ratio Lower Upper  
142 100  
141 87.9 70.4 105.6



#38  
1-Methylnaphthalene  
Concen: 46.032 ng  
RT: 8.916 min Scan# 1161  
Delta R.T. -0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion:142 Resp: 670447  
Ion Ratio Lower Upper  
142 100  
141 89.6 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :

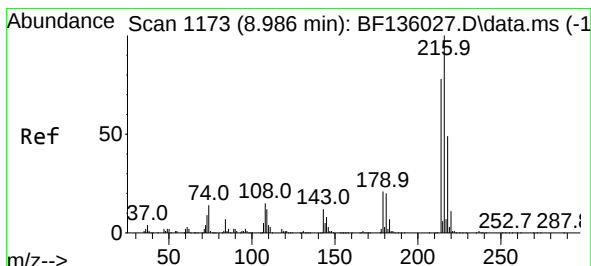
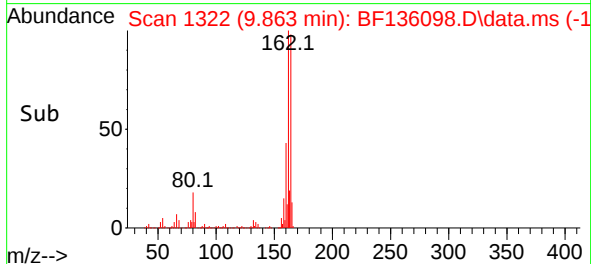
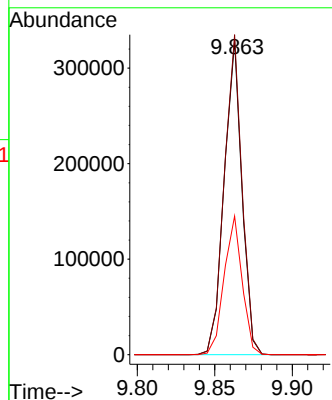
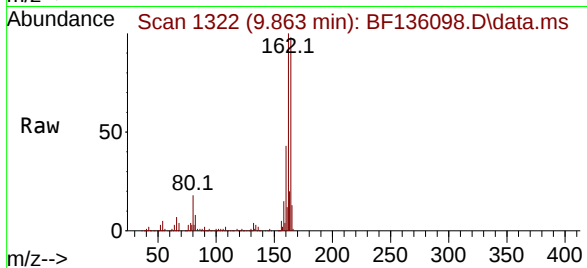
Tgt Ion:164 Resp: 261499

Ion Ratio Lower Upper

164 100

162 101.9 80.1 120.1

160 44.2 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.095 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Tgt Ion:216 Resp: 336308

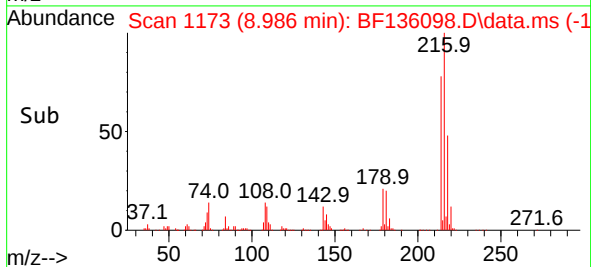
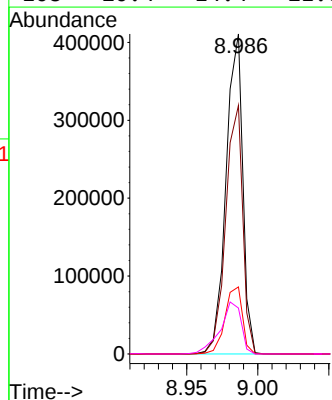
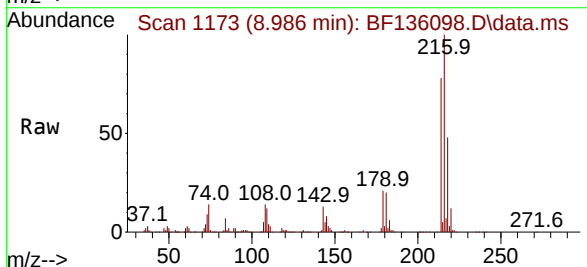
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 21.9 17.5 26.3

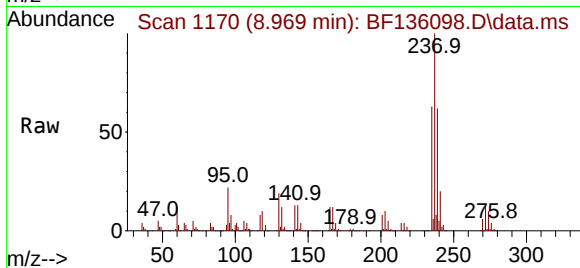
108 20.4 14.4 21.6



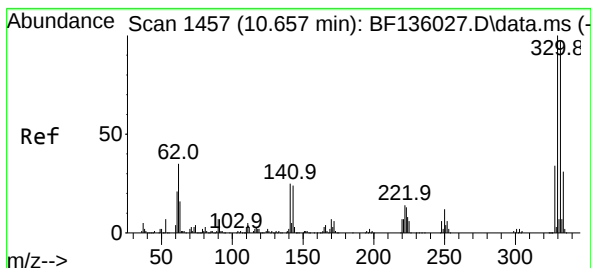
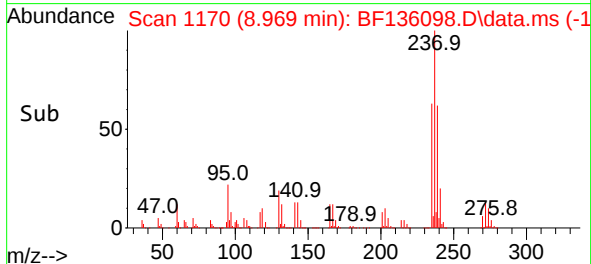
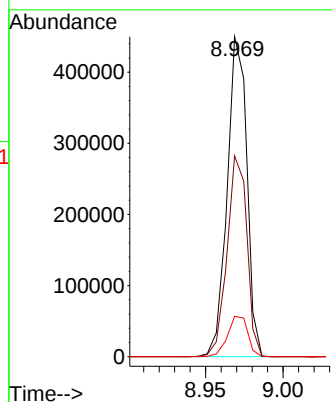


#41  
Hexachlorocyclopentadiene  
Concen: 99.710 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Instrument :  
BNA\_F  
ClientSampleId :

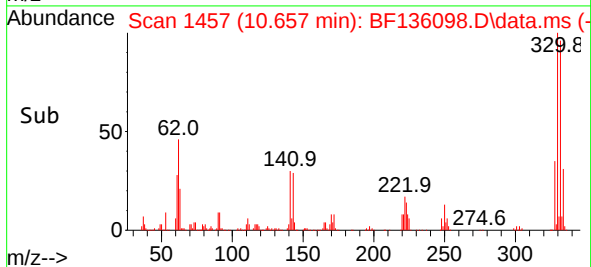
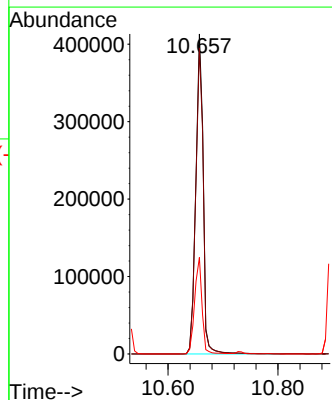
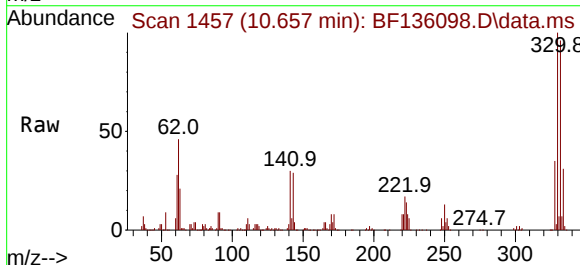


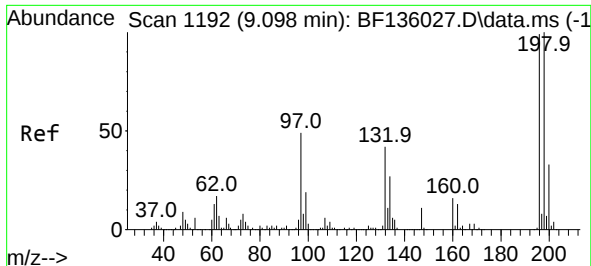
Tgt Ion:237 Resp: 397270  
Ion Ratio Lower Upper  
237 100  
235 62.7 43.3 83.3  
272 12.6 0.0 34.2



#42  
2,4,6-Tribromophenol  
Concen: 137.260 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion:330 Resp: 383117  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.9 115.3  
141 30.0 23.2 34.8

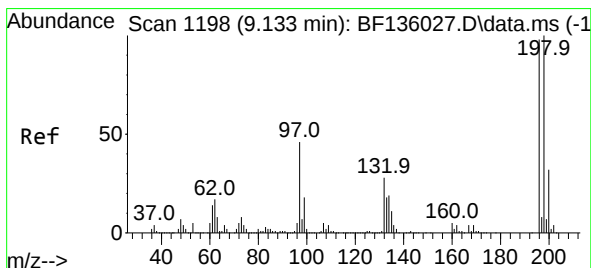
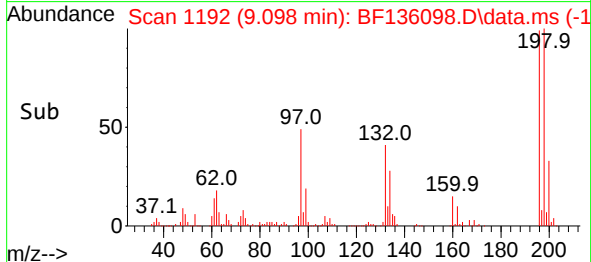
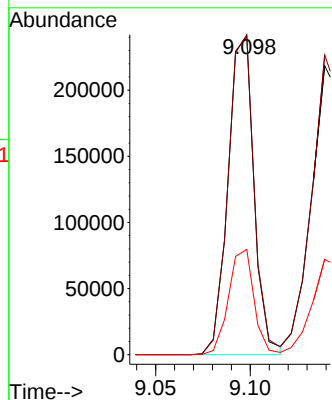
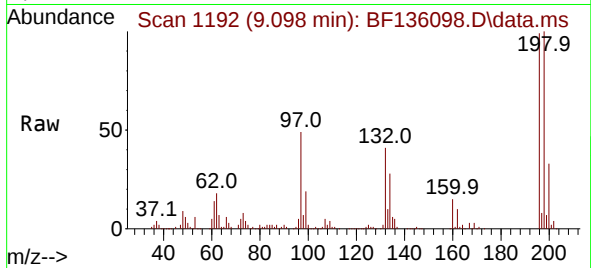




#43  
2,4,6-Trichlorophenol  
Concen: 47.273 ng  
RT: 9.098 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

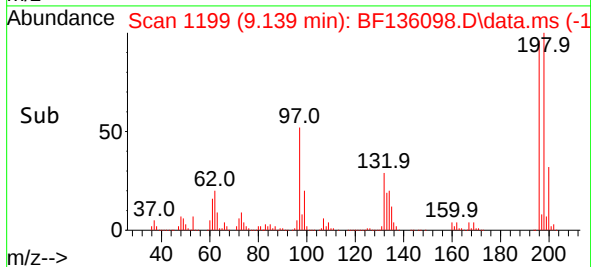
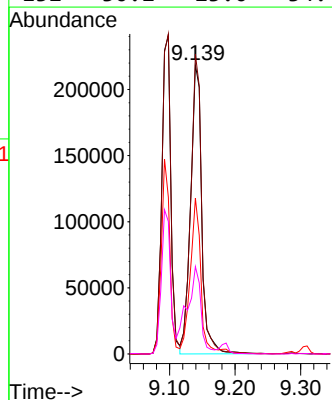
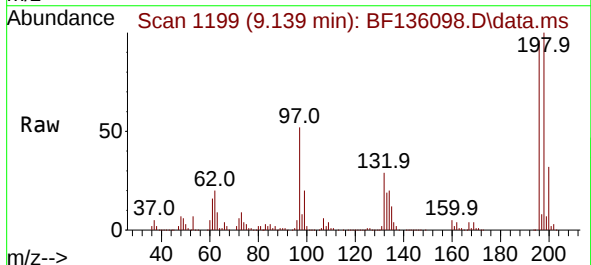
Instrument :  
BNA\_F  
ClientSampleId :

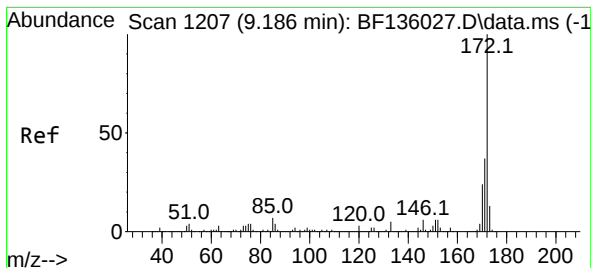
Tgt Ion:196 Resp: 229869  
Ion Ratio Lower Upper  
196 100  
198 100.5 80.7 121.1  
200 33.1 26.8 40.2



#44  
2,4,5-Trichlorophenol  
Concen: 45.977 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. 0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion:196 Resp: 258974  
Ion Ratio Lower Upper  
196 100  
198 103.7 81.6 122.4  
97 53.9 38.2 57.2  
132 30.2 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 85.144 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :

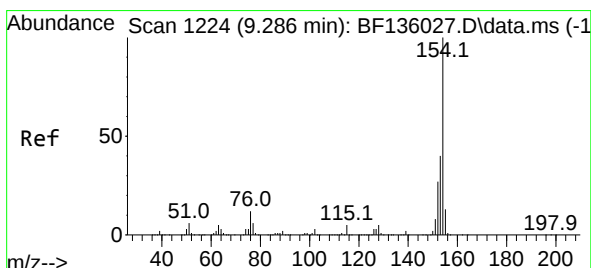
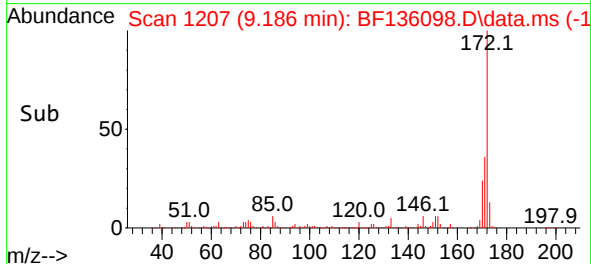
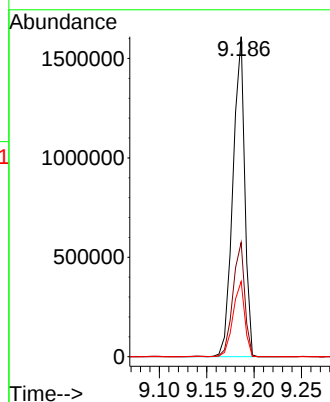
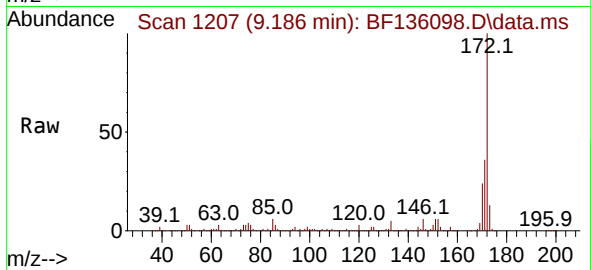
Tgt Ion:172 Resp: 1396722

Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.0

170 23.5 19.3 28.9



#46

1,1'-Biphenyl

Concen: 45.441 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

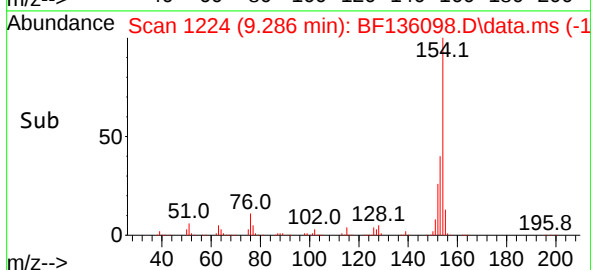
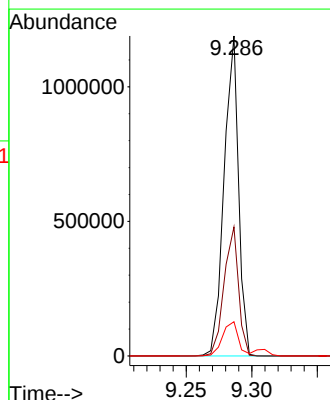
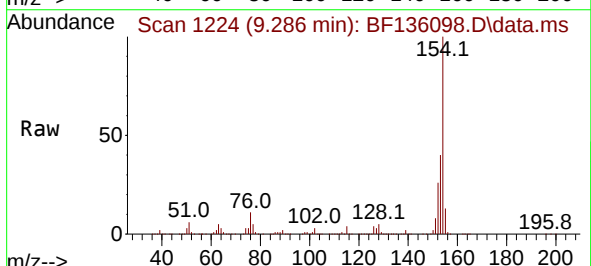
Tgt Ion:154 Resp: 905846

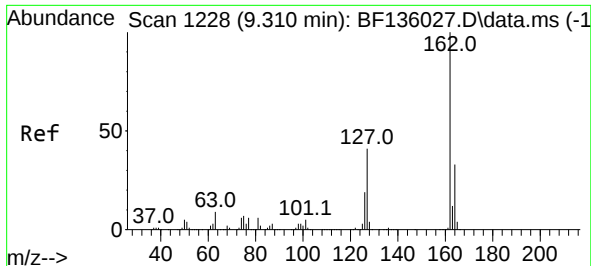
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

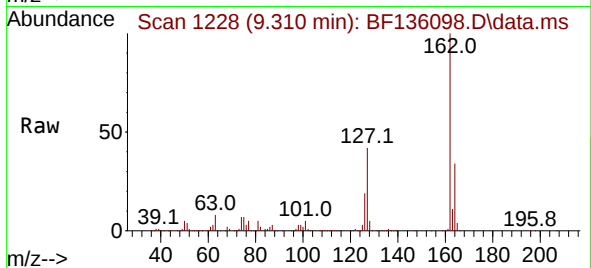
76 10.7 0.0 32.5



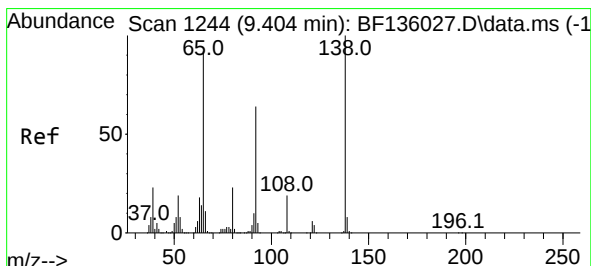
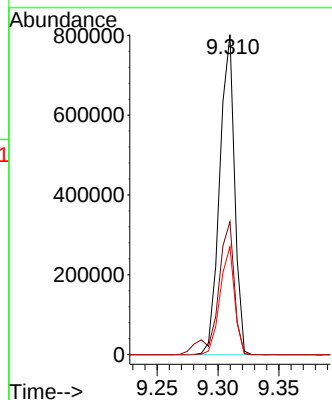
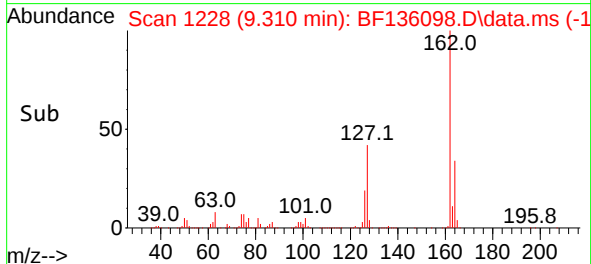


#47  
2-Chloronaphthalene  
Concen: 46.529 ng  
RT: 9.310 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Instrument :  
BNA\_F  
ClientSampleId :

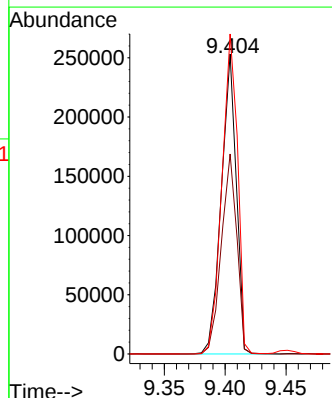
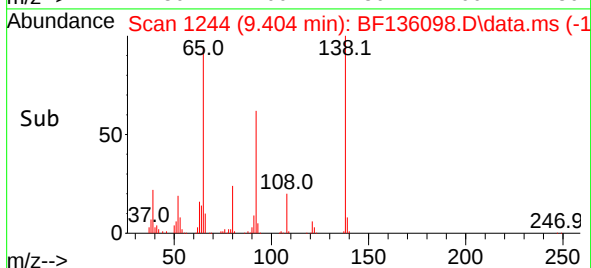
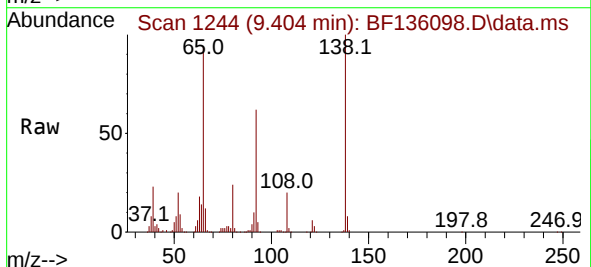


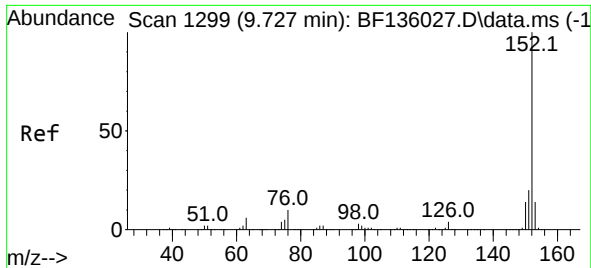
Tgt Ion:162 Resp: 683772  
Ion Ratio Lower Upper  
162 100  
127 41.6 32.4 48.6  
164 33.7 26.7 40.1



#48  
2-Nitroaniline  
Concen: 50.123 ng  
RT: 9.404 min Scan# 1244  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

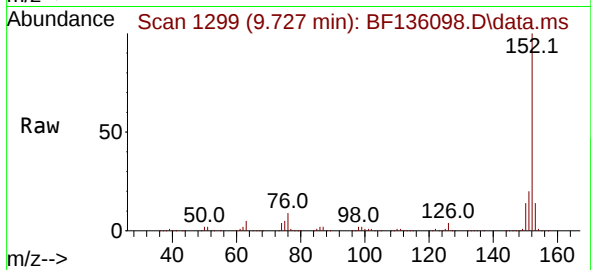
Tgt Ion: 65 Resp: 217992  
Ion Ratio Lower Upper  
65 100  
92 66.6 55.7 83.5  
138 106.6 86.8 130.2



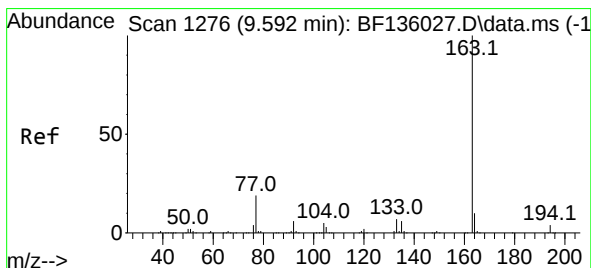
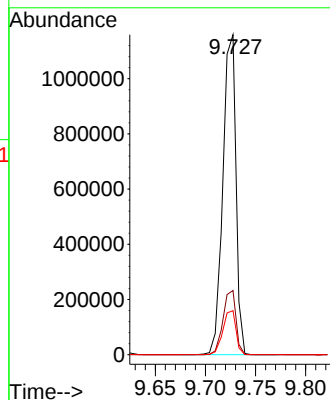
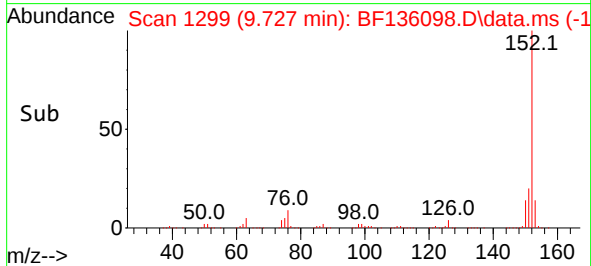


#49  
Acenaphthylene  
Concen: 45.812 ng  
RT: 9.727 min Scan# 1299  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

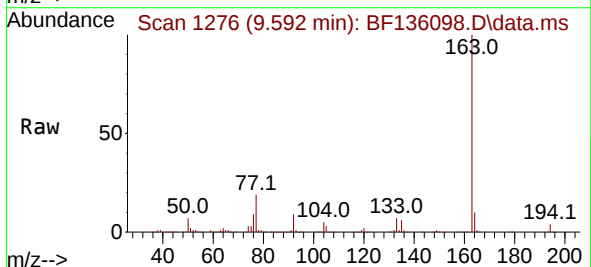
Instrument :  
BNA\_F  
ClientSampleId :



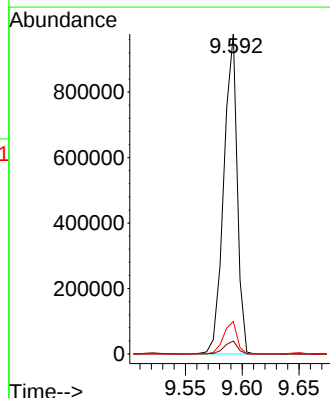
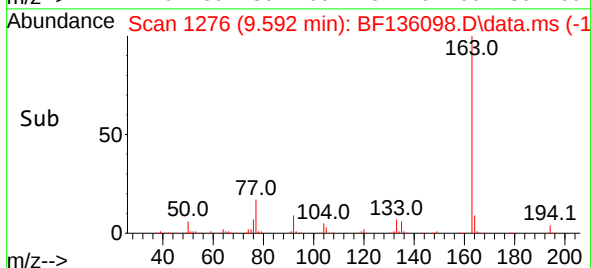
Tgt Ion:152 Resp: 1050278  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.1 24.1  
153 13.8 11.4 17.2

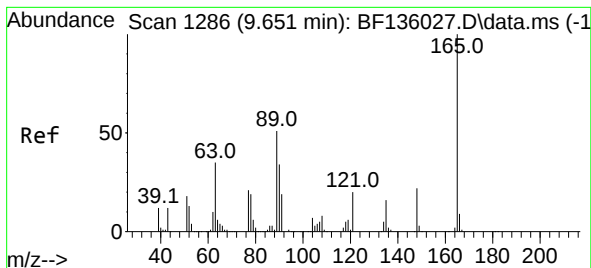


#50  
Dimethylphthalate  
Concen: 46.822 ng  
RT: 9.592 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24



Tgt Ion:163 Resp: 807620  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.1 8.1 12.1

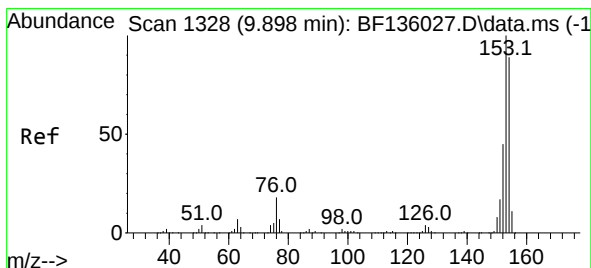
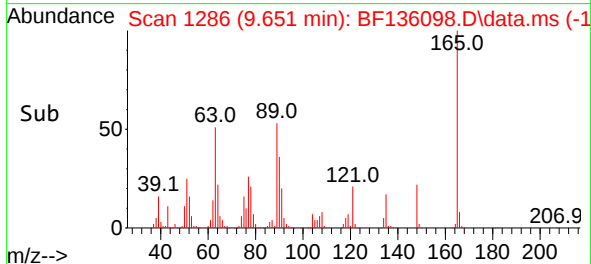
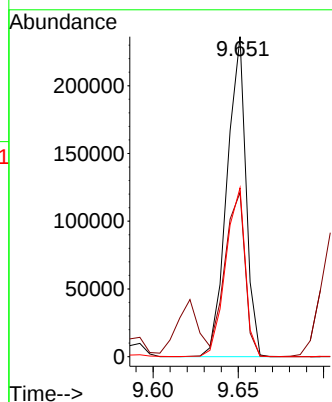
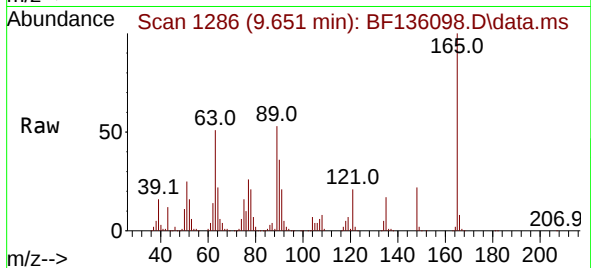




#51  
2,6-Dinitrotoluene  
Concen: 49.747 ng  
RT: 9.651 min Scan# 1286  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

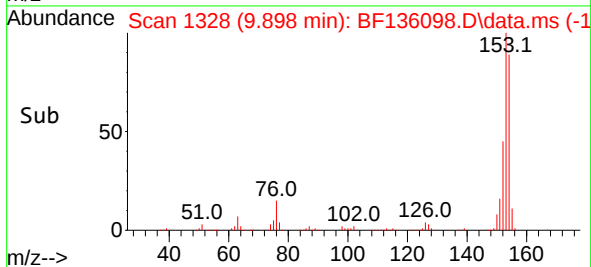
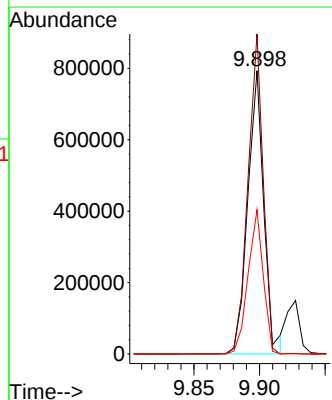
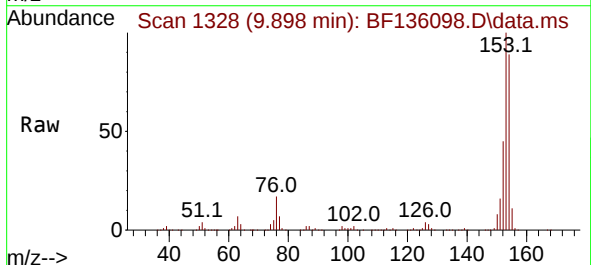
Instrument :  
BNA\_F  
ClientSampleId :

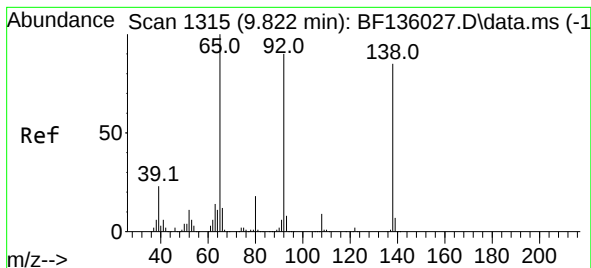
Tgt Ion:165 Resp: 183525  
Ion Ratio Lower Upper  
165 100  
63 51.3 40.8 61.2  
89 52.8 41.1 61.7



#52  
Acenaphthene  
Concen: 46.343 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion:154 Resp: 675404  
Ion Ratio Lower Upper  
154 100  
153 112.9 89.9 134.9  
152 50.9 40.2 60.2





#53

3-Nitroaniline

Concen: 40.270 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :

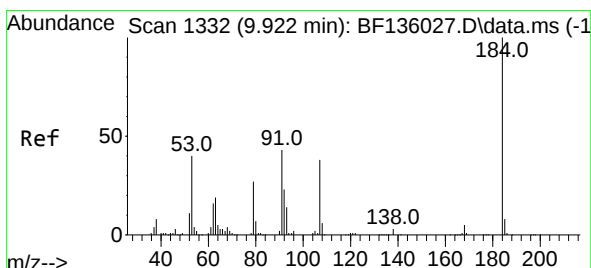
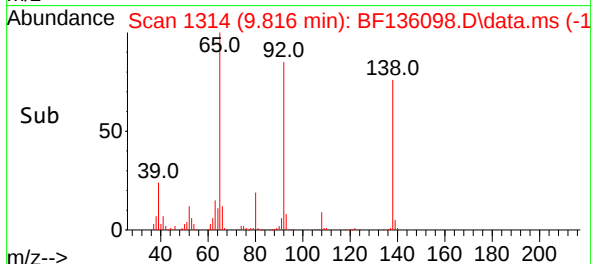
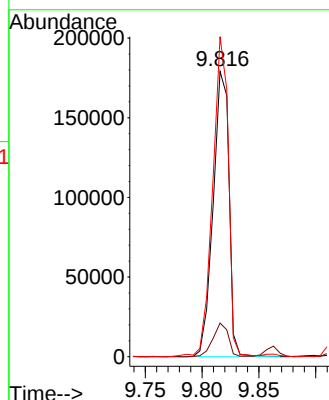
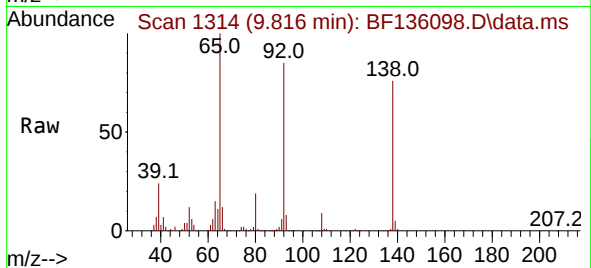
Tgt Ion:138 Resp: 173345

Ion Ratio Lower Upper

138 100

108 11.8 8.8 13.2

92 112.1 84.6 126.8



#54

2,4-Dinitrophenol

Concen: 93.842 ng

RT: 9.927 min Scan# 1333

Delta R.T. 0.005 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

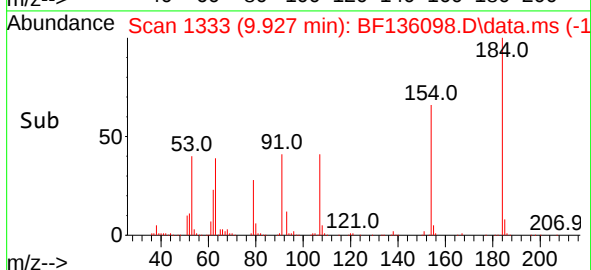
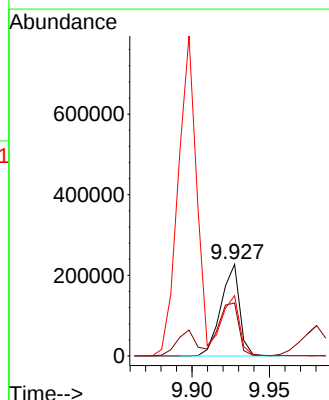
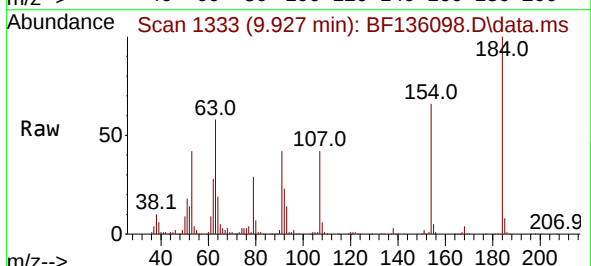
Tgt Ion:184 Resp: 190697

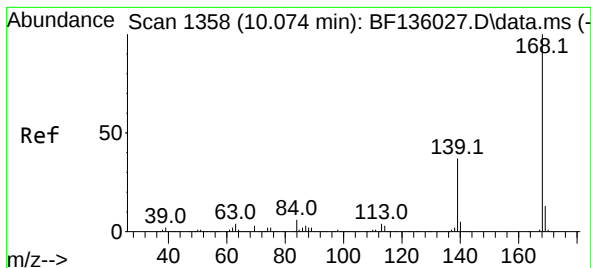
Ion Ratio Lower Upper

184 100

63 57.7 43.7 65.5

154 65.8 51.2 76.8





#55

Dibenzenofuran

Concen: 45.781 ng

RT: 10.069 min Scan# 1357

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :

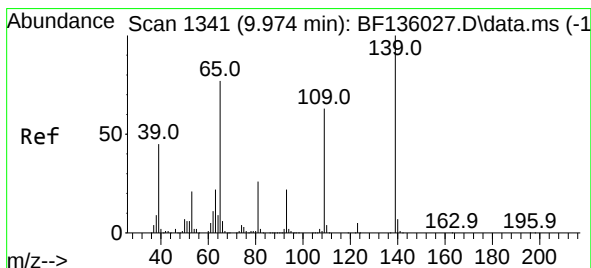
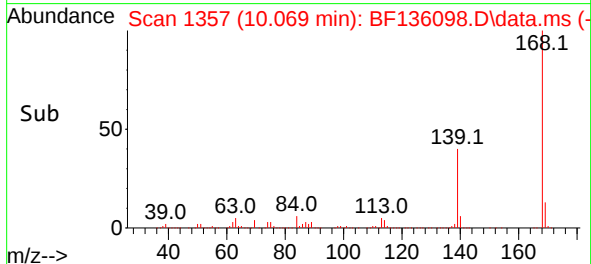
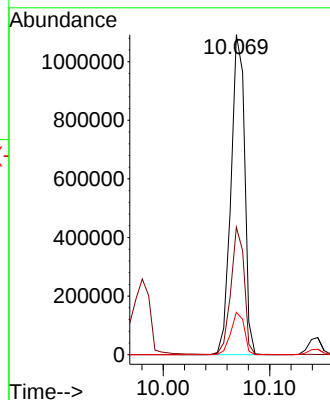
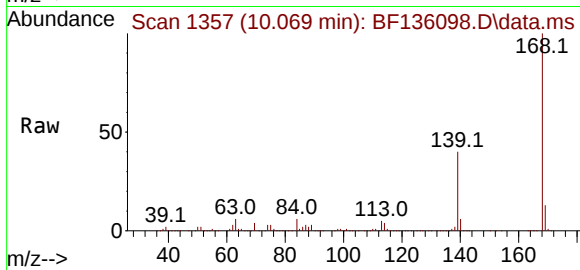
Tgt Ion:168 Resp: 972906

Ion Ratio Lower Upper

168 100

139 39.9 29.4 44.0

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 93.825 ng

RT: 9.980 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

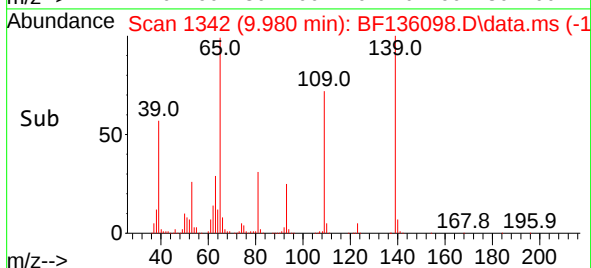
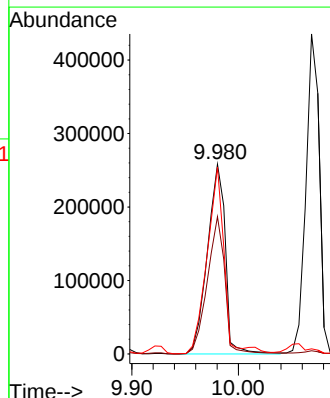
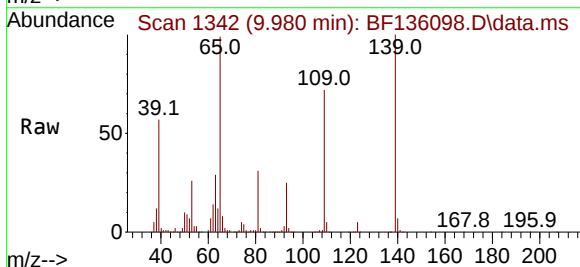
Tgt Ion:139 Resp: 302108

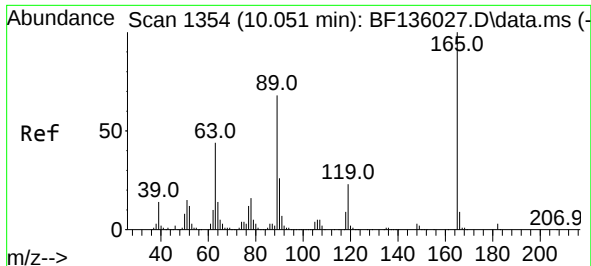
Ion Ratio Lower Upper

139 100

109 72.3 43.2 83.2

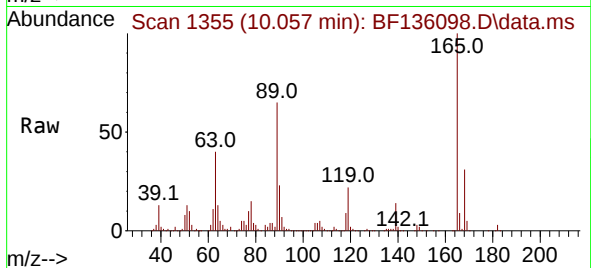
65 98.5 57.6 97.6#



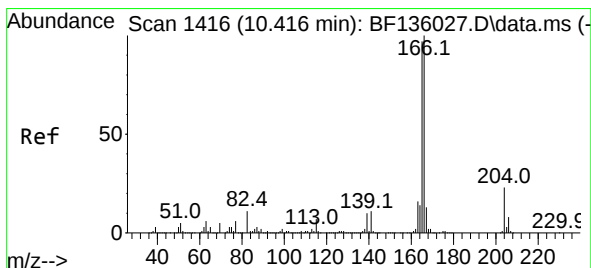
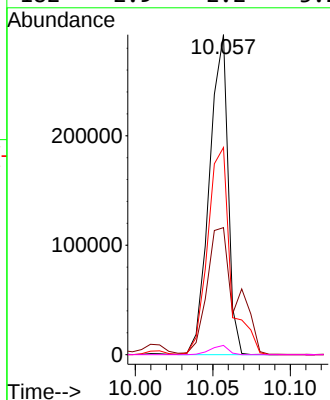
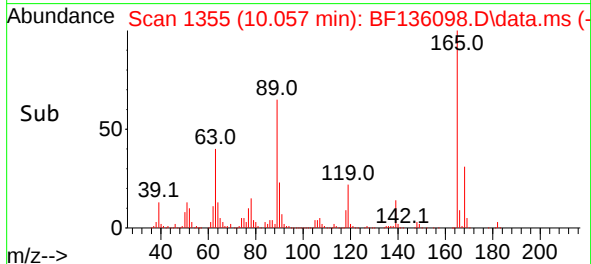


#57  
2,4-Dinitrotoluene  
Concen: 52.450 ng  
RT: 10.057 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

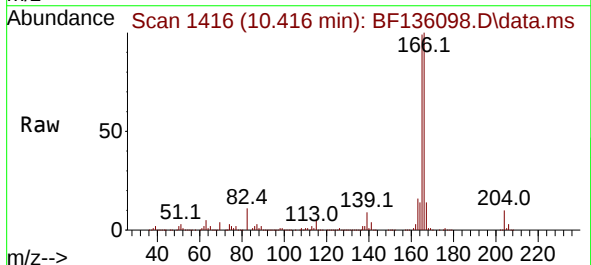
Instrument :  
BNA\_F  
ClientSampleId :



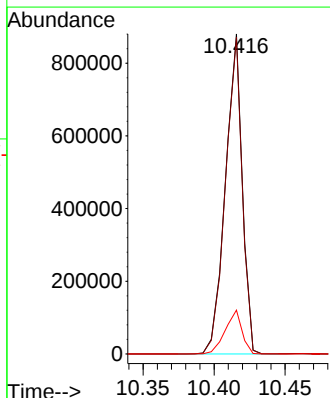
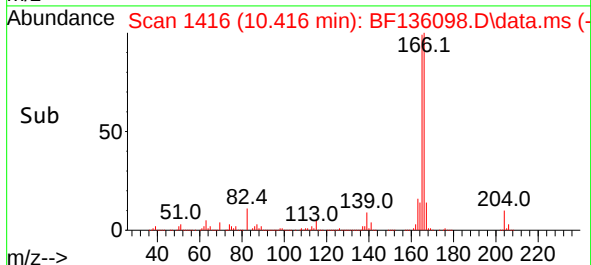
Tgt Ion:165 Resp: 244819  
Ion Ratio Lower Upper  
165 100  
63 39.7 35.2 52.8  
89 64.8 54.8 82.2  
182 2.9 2.2 3.2

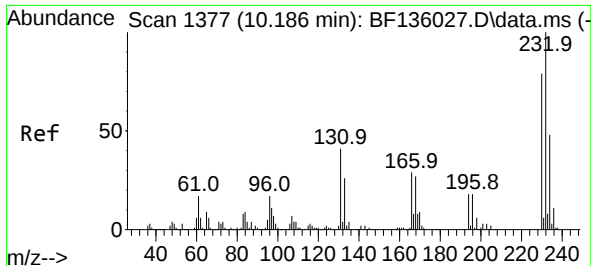


#58  
Fluorene  
Concen: 45.600 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24



Tgt Ion:166 Resp: 725544  
Ion Ratio Lower Upper  
166 100  
165 98.9 77.7 116.5  
167 13.7 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.779 ng

RT: 10.186 min Scan# 1377

Delta R.T. 0.000 min

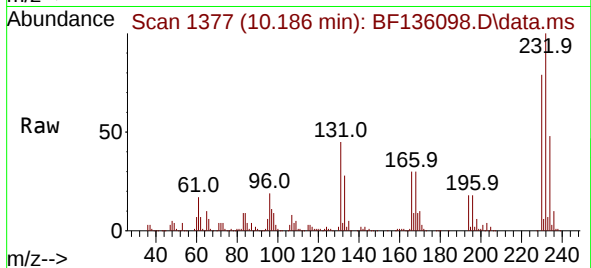
Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:232 Resp: 218440

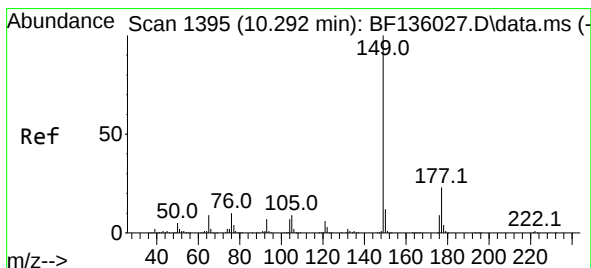
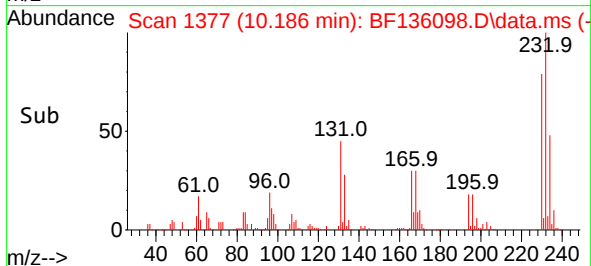
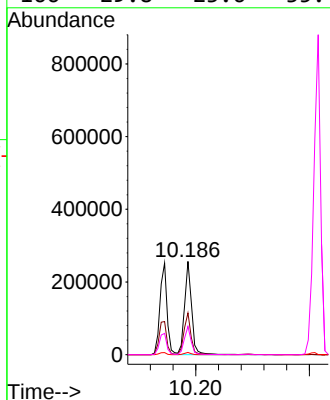
Ion Ratio Lower Upper

232 100

131 44.4 34.6 52.0

130 2.3 1.6 2.4

166 29.8 23.6 35.4



#60

Diethylphthalate

Concen: 47.034 ng

RT: 10.292 min Scan# 1395

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

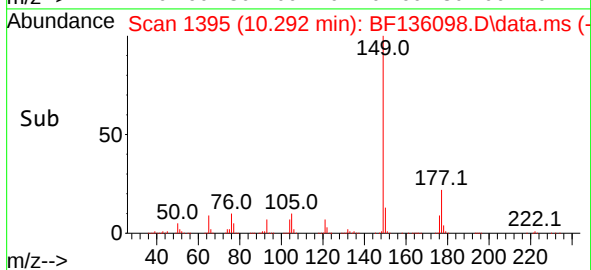
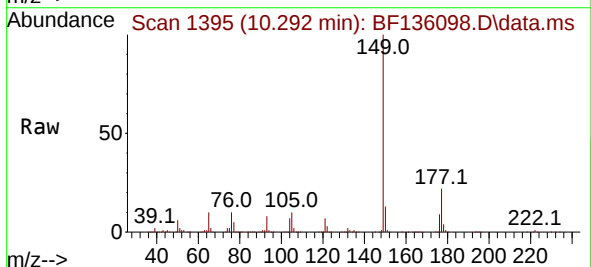
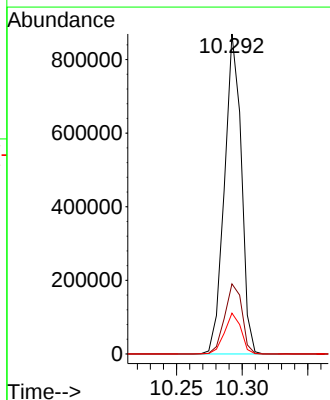
Tgt Ion:149 Resp: 775159

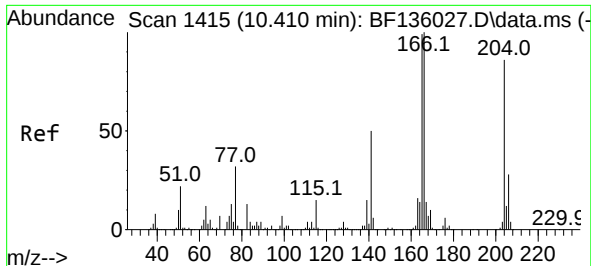
Ion Ratio Lower Upper

149 100

177 21.9 18.2 27.4

150 12.8 9.9 14.9

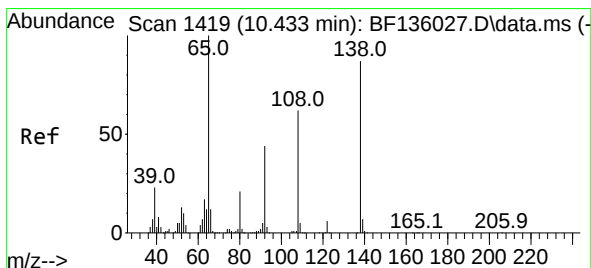
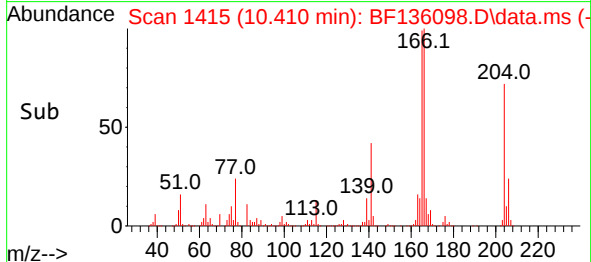
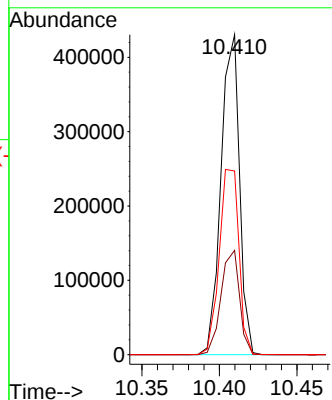
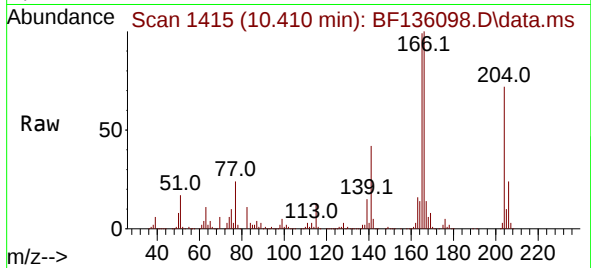




#61  
4-Chlorophenyl-phenylether  
Concen: 44.972 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

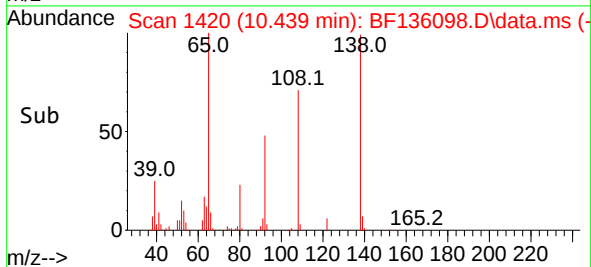
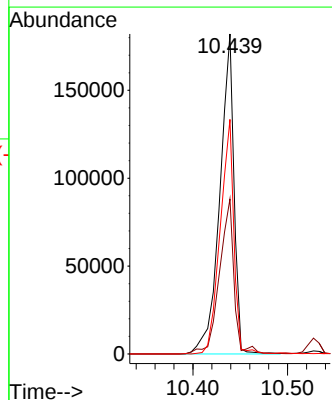
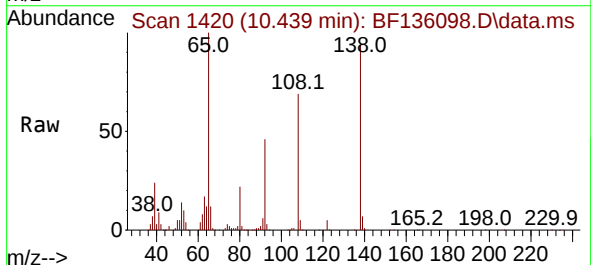
Instrument :  
BNA\_F  
ClientSampleId :

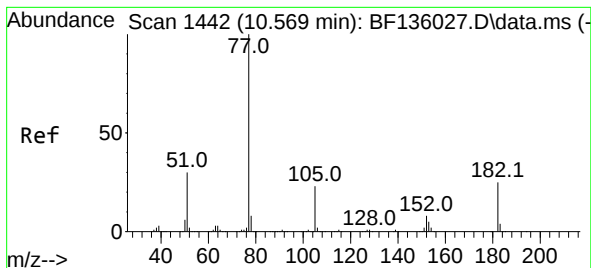
Tgt Ion:204 Resp: 357190  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.6 39.8  
141 57.4 46.8 70.2



#62  
4-Nitroaniline  
Concen: 45.905 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. 0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion:138 Resp: 190277  
Ion Ratio Lower Upper  
138 100  
92 48.4 30.6 70.6  
108 73.3 51.5 91.5





#63

Azobenzene

Concen: 45.705 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion: 77 Resp: 725430

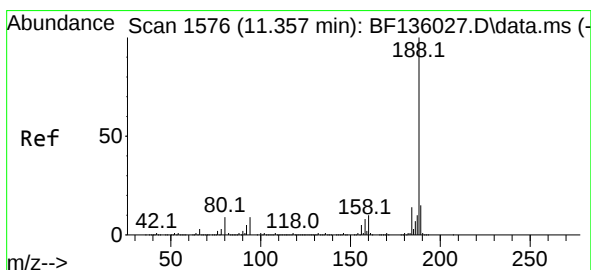
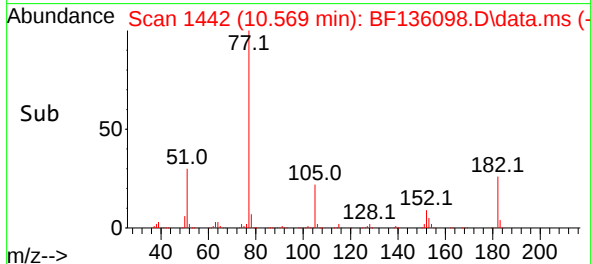
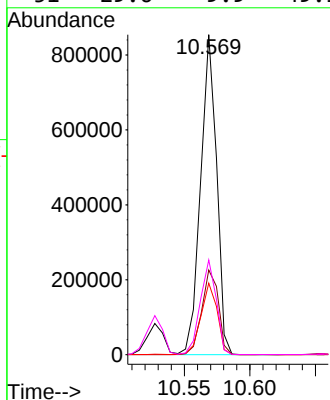
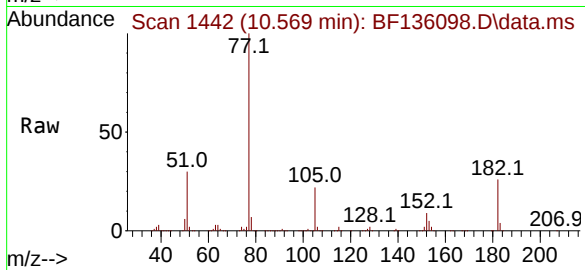
Ion Ratio Lower Upper

77 100

182 26.5 5.0 45.0

105 22.3 2.6 42.6

51 29.6 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

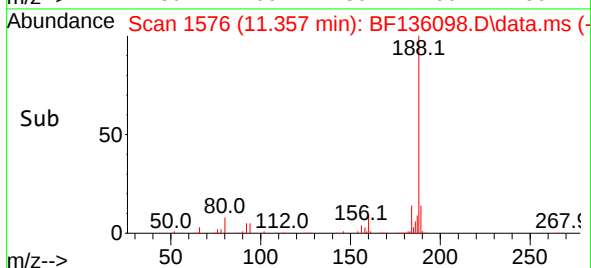
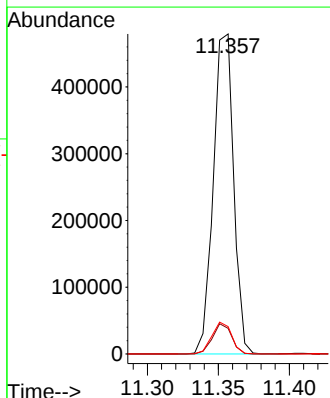
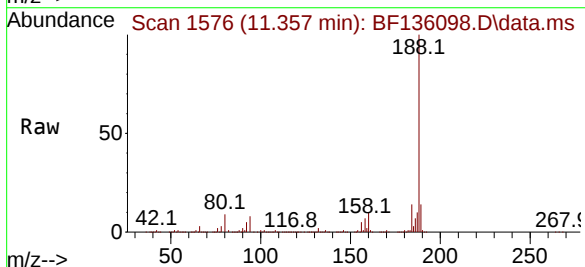
Tgt Ion: 188 Resp: 476901

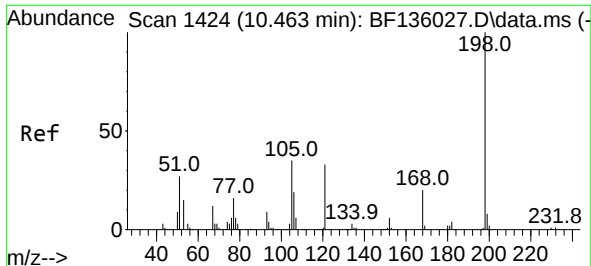
Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

80 8.5 7.4 11.0

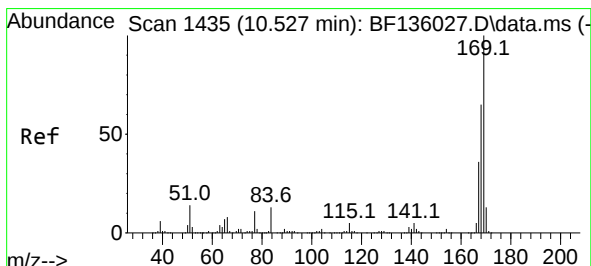
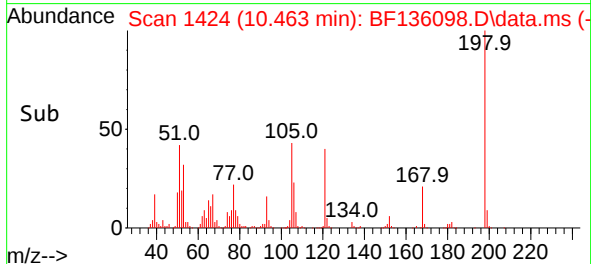
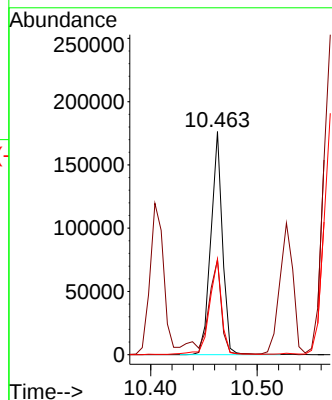
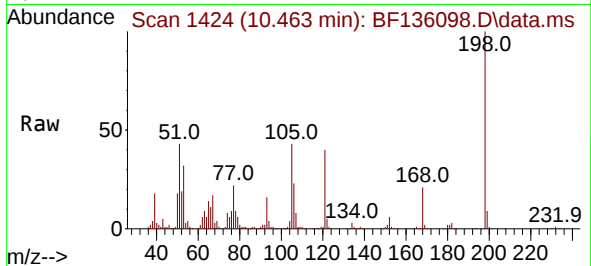




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.437 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

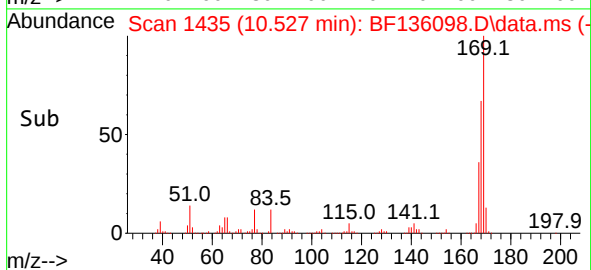
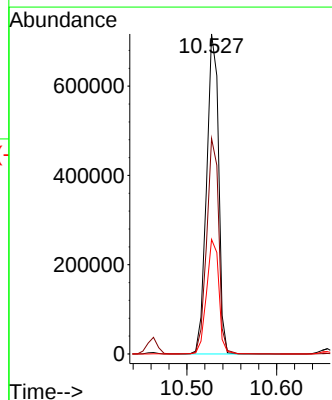
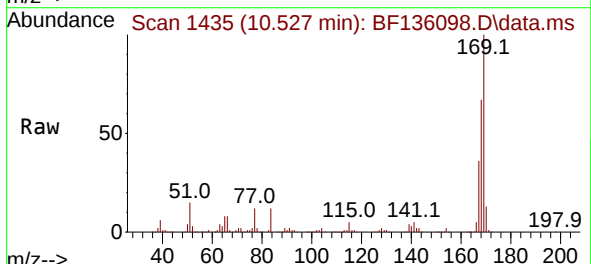
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:198 Resp: 133042  
Ion Ratio Lower Upper  
198 100  
51 42.5 12.9 52.9  
105 42.8 16.0 56.0



#66  
n-Nitrosodiphenylamine  
Concen: 46.228 ng  
RT: 10.527 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion:169 Resp: 665057  
Ion Ratio Lower Upper  
169 100  
168 67.3 52.2 78.2  
167 35.8 28.7 43.1

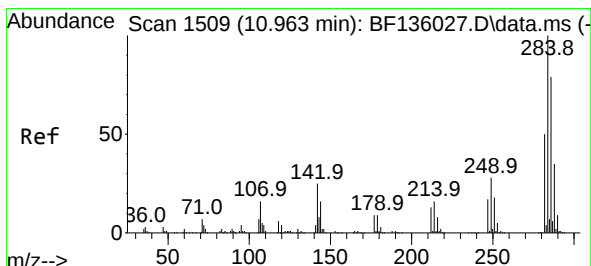
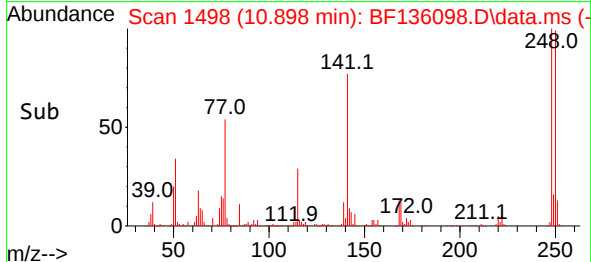
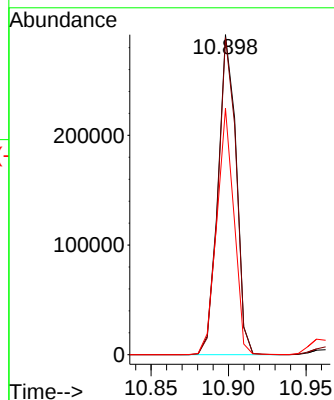
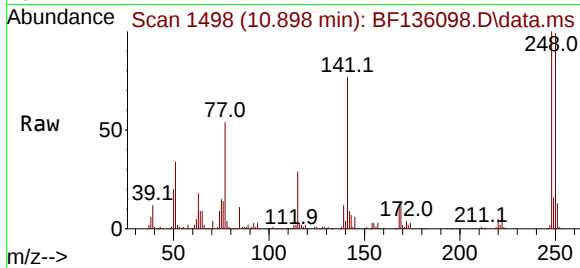




#67  
4-Bromophenyl-phenylether  
Concen: 47.657 ng  
RT: 10.898 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

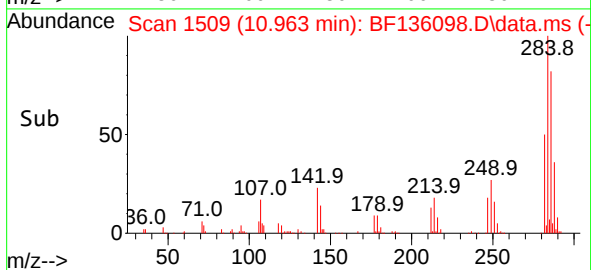
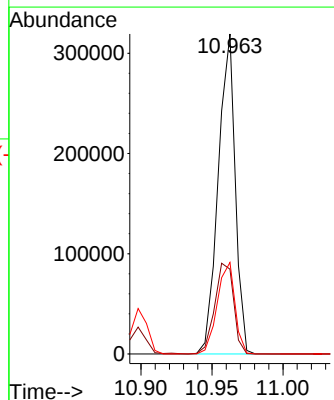
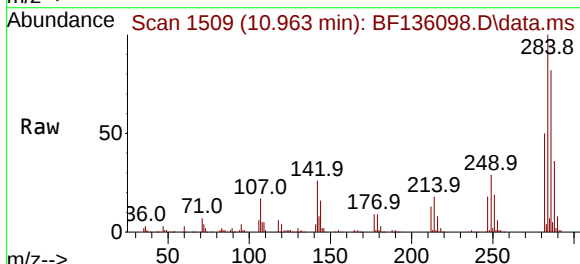
Instrument :  
BNA\_F  
ClientSampleId :

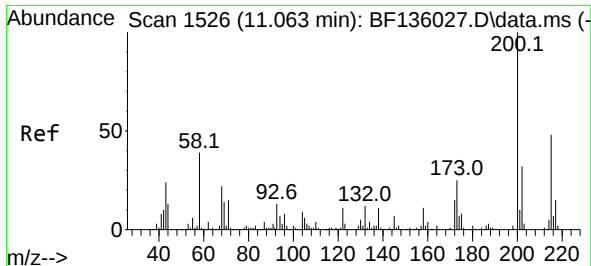
Tgt Ion:248 Resp: 238284  
Ion Ratio Lower Upper  
248 100  
250 99.0 77.6 116.4  
141 76.9 50.4 75.6#



#68  
Hexachlorobenzene  
Concen: 49.793 ng  
RT: 10.963 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion:284 Resp: 265899  
Ion Ratio Lower Upper  
284 100  
142 26.5 20.2 30.4  
249 28.6 22.6 33.8

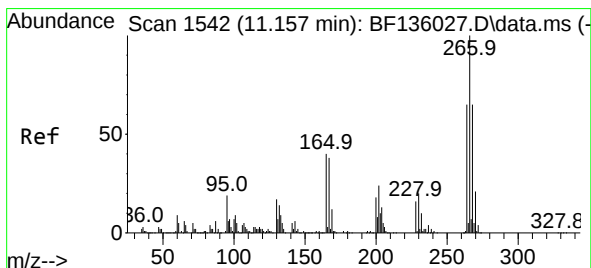
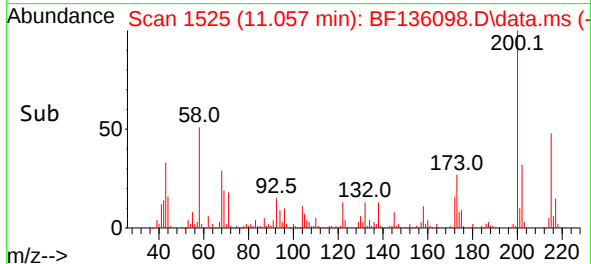
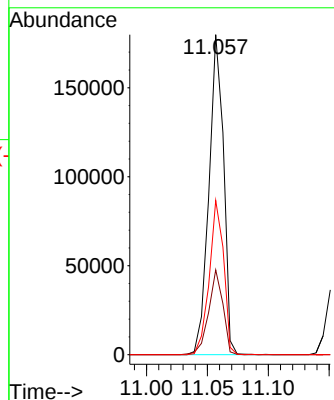
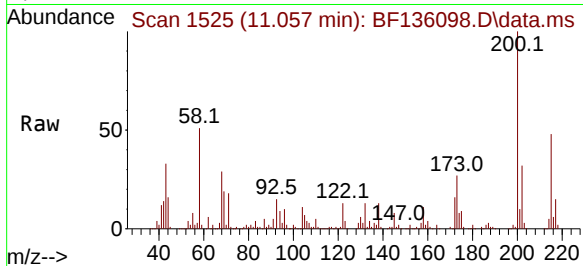




#69  
 Atrazine  
 Concen: 38.226 ng  
 RT: 11.057 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF136098.D  
 Acq: 02 Nov 2023 16:24

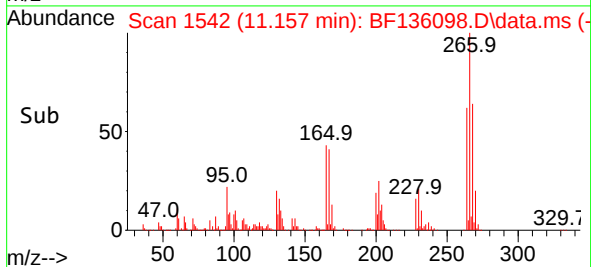
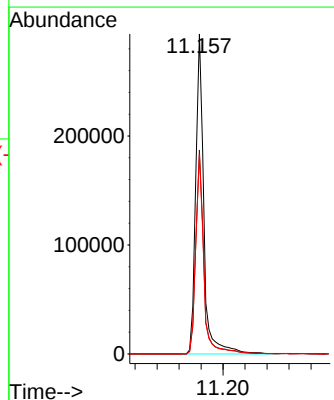
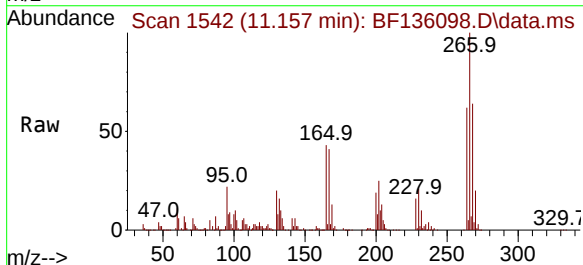
Instrument :  
 BNA\_F  
 ClientSampleId :

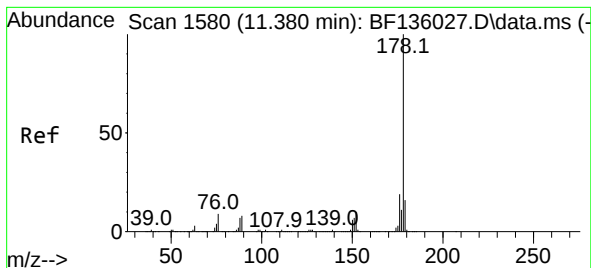
Tgt Ion:200 Resp: 149627  
 Ion Ratio Lower Upper  
 200 100  
 173 26.5 5.2 45.2  
 215 48.2 28.4 68.4



#70  
 Pentachlorophenol  
 Concen: 87.656 ng  
 RT: 11.157 min Scan# 1542  
 Delta R.T. 0.000 min  
 Lab File: BF136098.D  
 Acq: 02 Nov 2023 16:24

Tgt Ion:266 Resp: 300616  
 Ion Ratio Lower Upper  
 266 100  
 268 63.8 52.2 78.4  
 264 62.3 52.2 78.4





#71

Phenanthrene

Concen: 46.524 ng

RT: 11.380 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :

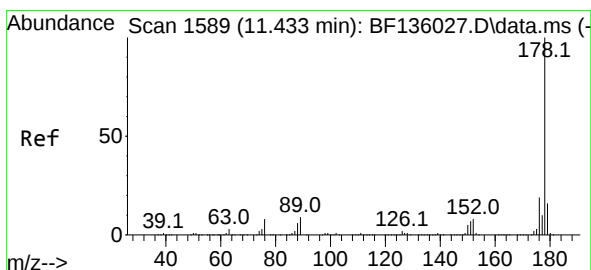
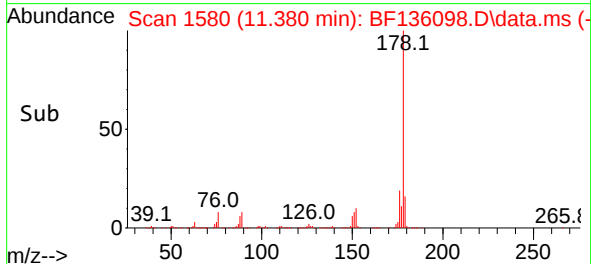
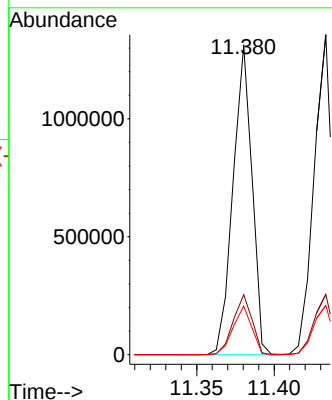
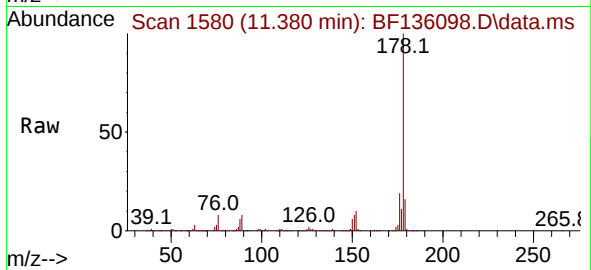
Tgt Ion:178 Resp: 1117136

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.7 12.9 19.3



#72

Anthracene

Concen: 45.805 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

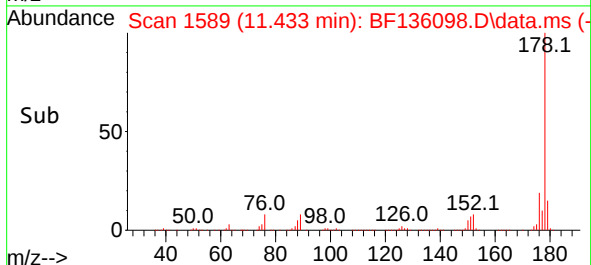
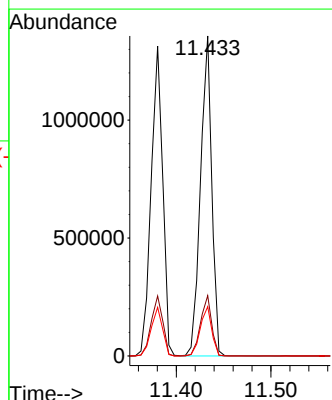
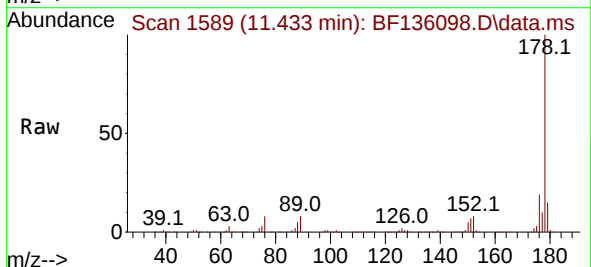
Tgt Ion:178 Resp: 1127026

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.4 12.6 18.8

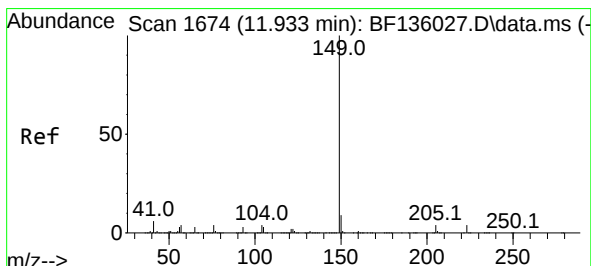
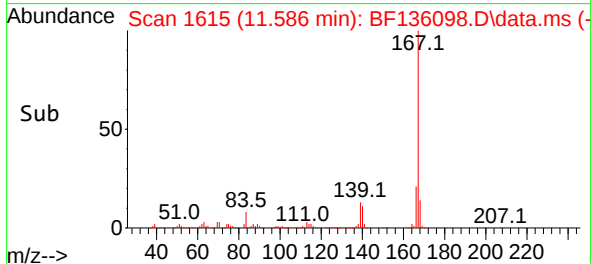
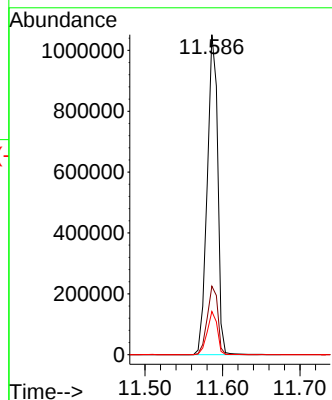
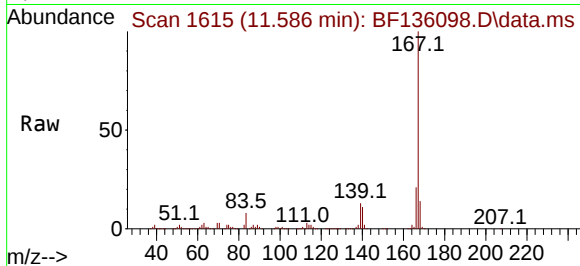




#73  
 Carbazole  
 Concen: 46.190 ng  
 RT: 11.586 min Scan# 1615  
 Delta R.T. -0.006 min  
 Lab File: BF136098.D  
 Acq: 02 Nov 2023 16:24

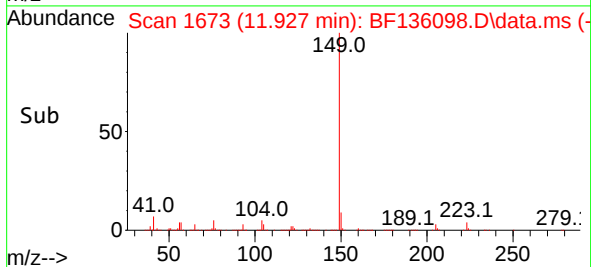
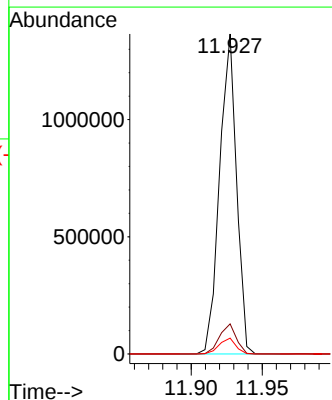
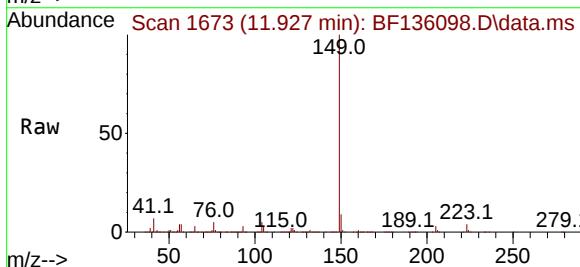
Instrument :  
 BNA\_F  
 ClientSampleId :

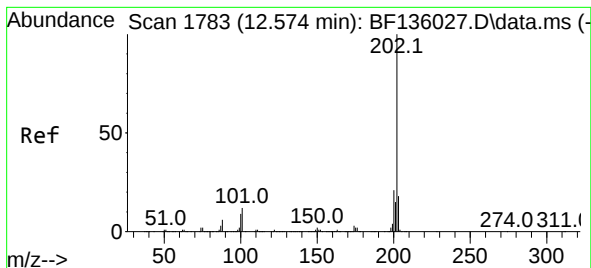
Tgt Ion:167 Resp: 987607  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.2 25.8  
 139 13.5 9.9 14.9



#74  
 Di-n-butylphthalate  
 Concen: 46.126 ng  
 RT: 11.927 min Scan# 1673  
 Delta R.T. -0.006 min  
 Lab File: BF136098.D  
 Acq: 02 Nov 2023 16:24

Tgt Ion:149 Resp: 1126942  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.3 10.9  
 104 5.0 3.6 5.4





#75

Fluoranthene

Concen: 43.689 ng

RT: 12.574 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :

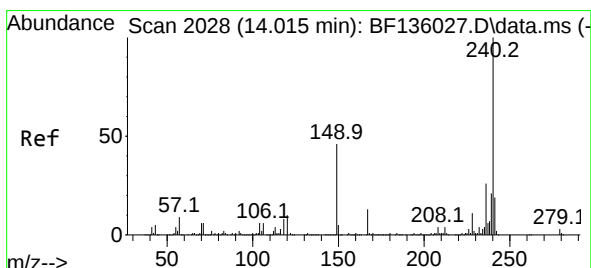
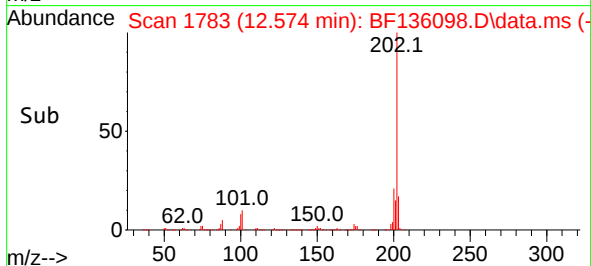
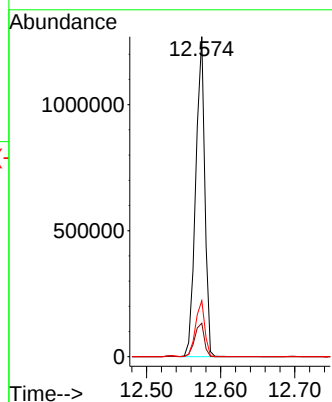
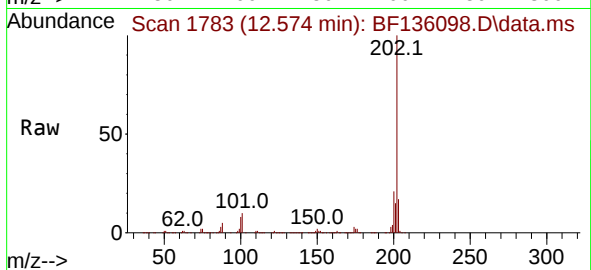
Tgt Ion:202 Resp: 1077724

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.8

203 17.5 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

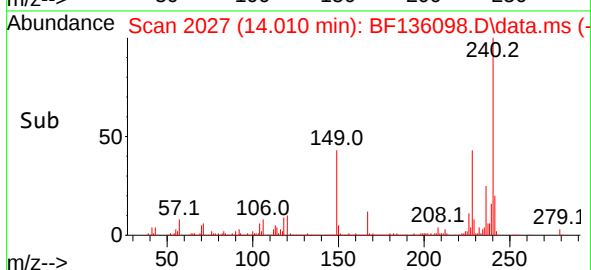
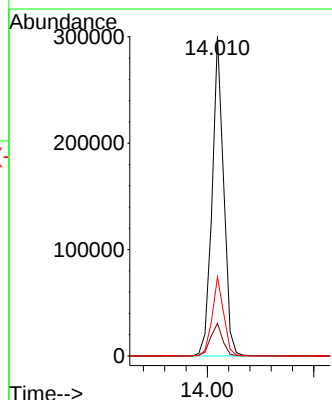
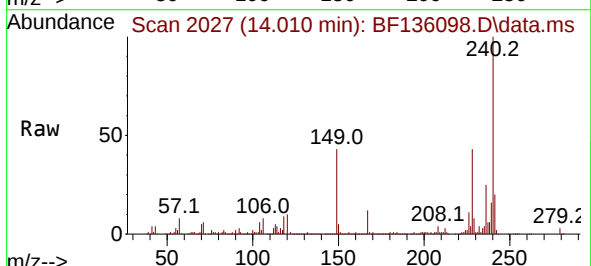
Tgt Ion:240 Resp: 225640

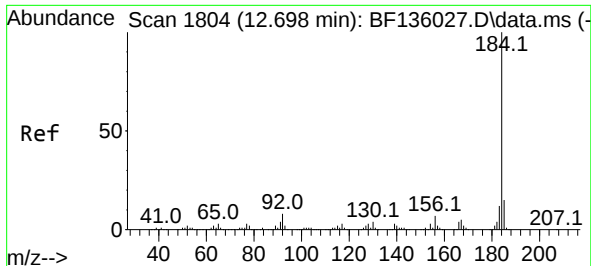
Ion Ratio Lower Upper

240 100

120 10.2 7.6 11.4

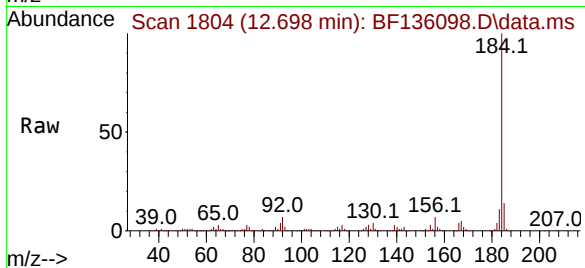
236 24.7 20.6 31.0



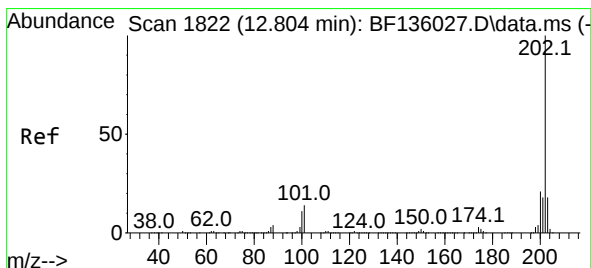
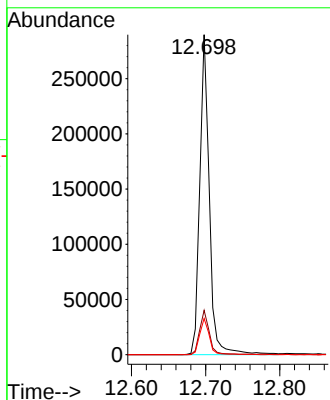
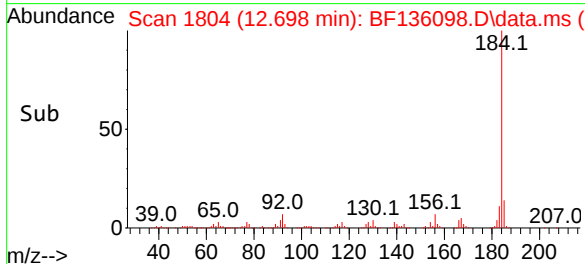


#77  
Benzidine  
Concen: 58.920 ng  
RT: 12.698 min Scan# 1804  
Delta R.T. -0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Instrument :  
BNA\_F  
ClientSampleId :

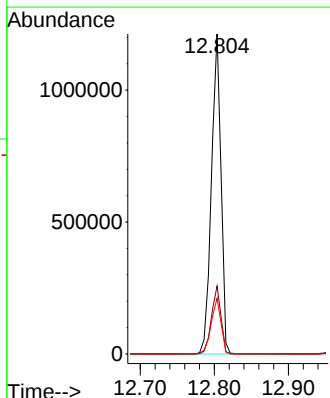
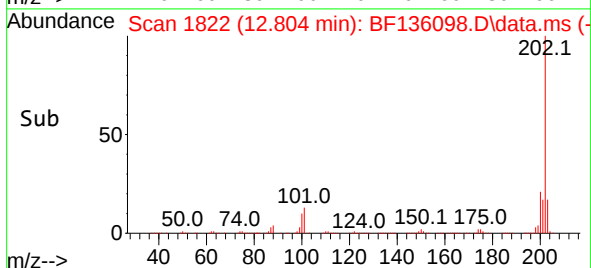
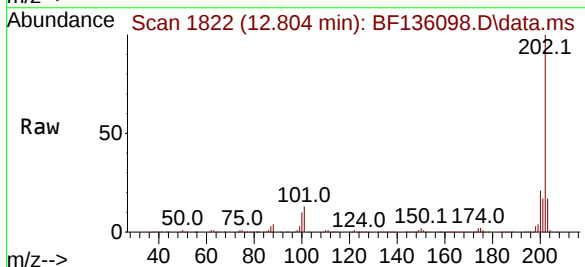


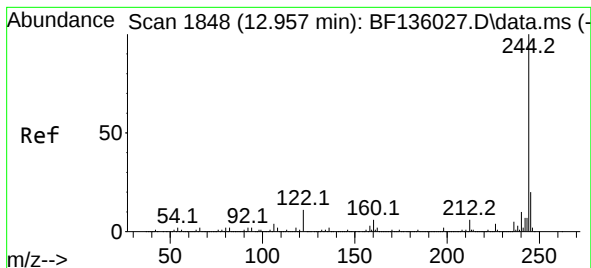
Tgt Ion:184 Resp: 259127  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.8 17.8  
183 11.3 9.5 14.3



#78  
Pyrene  
Concen: 54.482 ng  
RT: 12.804 min Scan# 1822  
Delta R.T. 0.000 min  
Lab File: BF136098.D  
Acq: 02 Nov 2023 16:24

Tgt Ion:202 Resp: 1083839  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.4  
203 17.4 14.4 21.6





#79

Terphenyl-d14

Concen: 102.708 ng

RT: 12.957 min Scan# 11

Delta R.T. 0.000 min

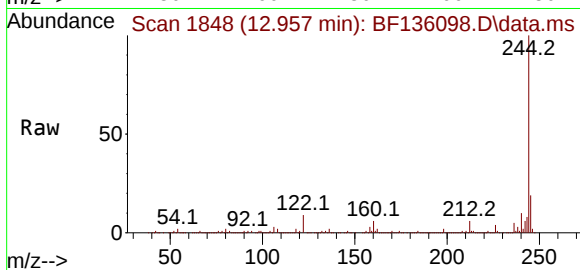
Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :



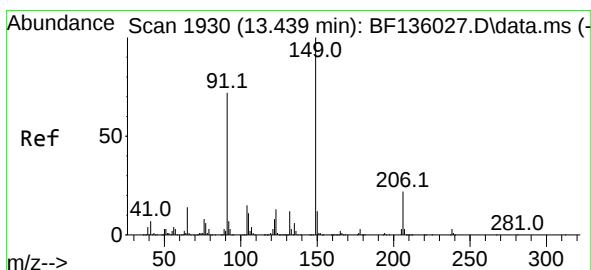
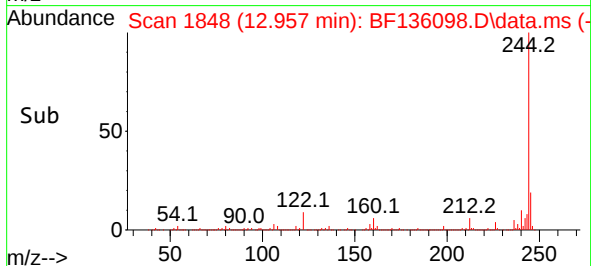
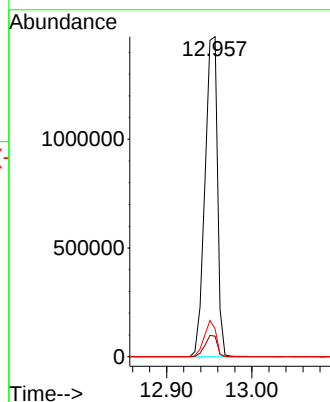
Tgt Ion:244 Resp: 1491285

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 8.7 8.6 12.8



#80

Butylbenzylphthalate

Concen: 50.217 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

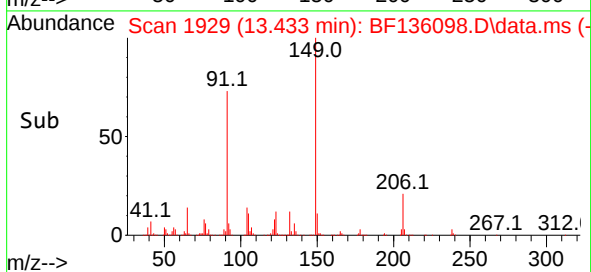
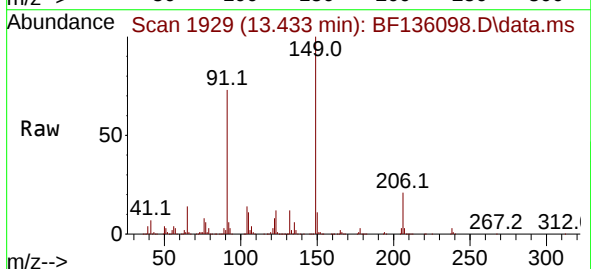
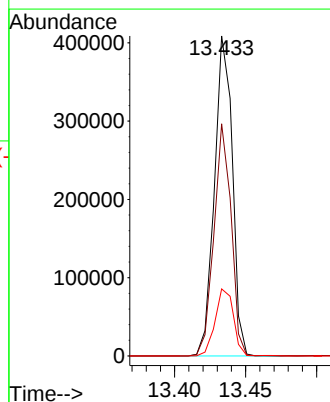
Tgt Ion:149 Resp: 357597

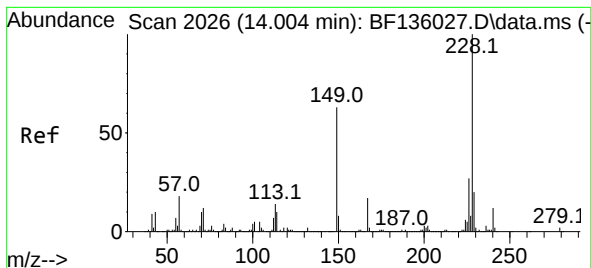
Ion Ratio Lower Upper

149 100

91 72.5 57.6 86.4

206 20.9 17.4 26.0





#81

Benzo(a)anthracene

Concen: 47.263 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :

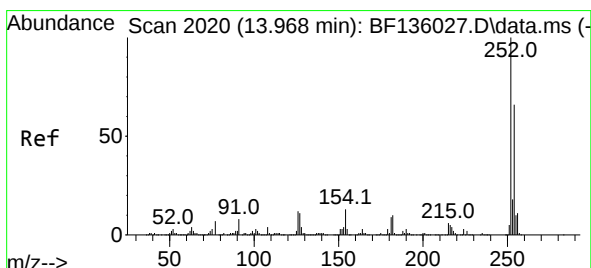
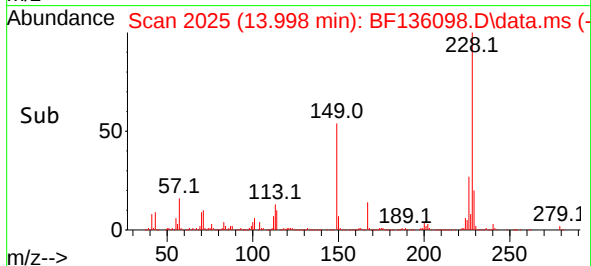
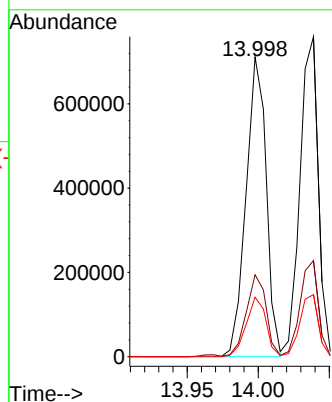
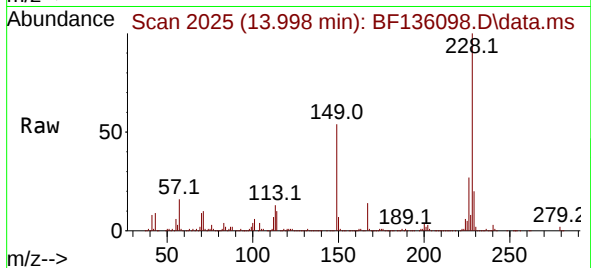
Tgt Ion:228 Resp: 706021

Ion Ratio Lower Upper

228 100

226 27.4 21.5 32.3

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 47.517 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

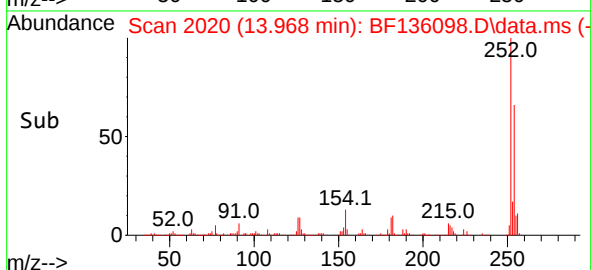
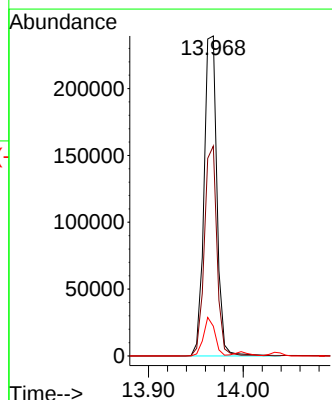
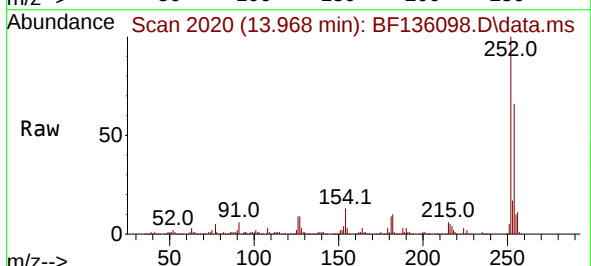
Tgt Ion:252 Resp: 226551

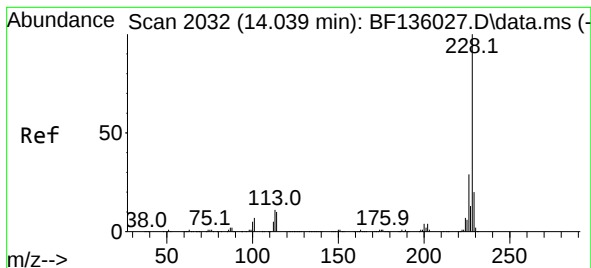
Ion Ratio Lower Upper

252 100

254 65.6 52.5 78.7

126 9.3 9.4 14.2#





#83

Chrysene

Concen: 46.688 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :

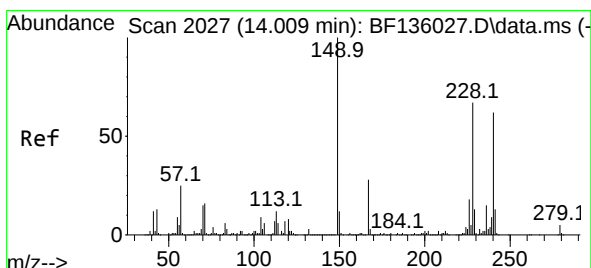
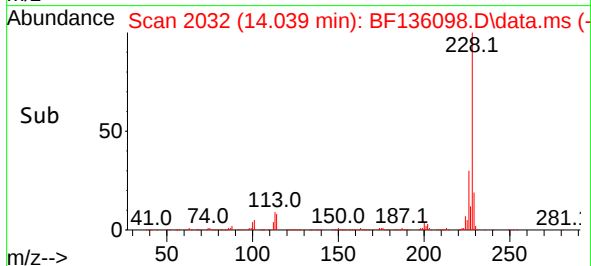
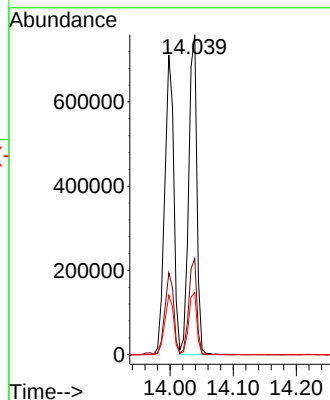
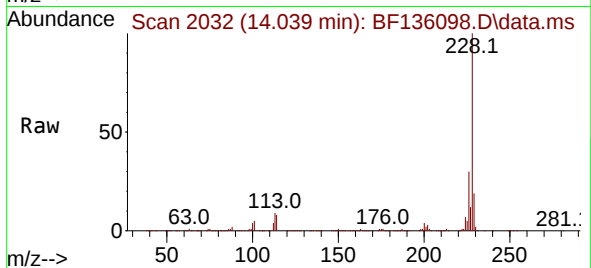
Tgt Ion:228 Resp: 686835

Ion Ratio Lower Upper

228 100

226 30.0 23.5 35.3

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.301 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

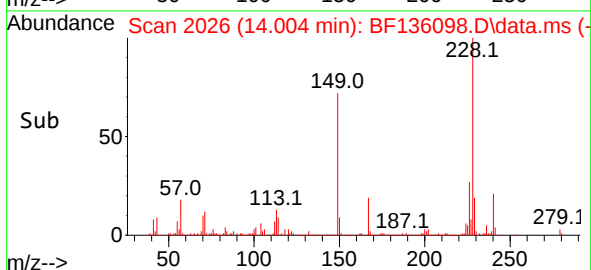
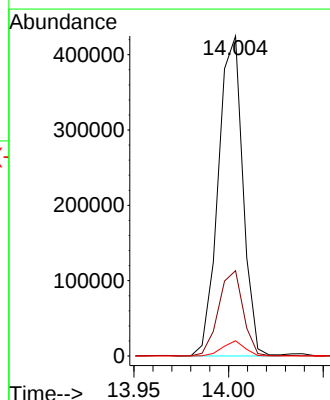
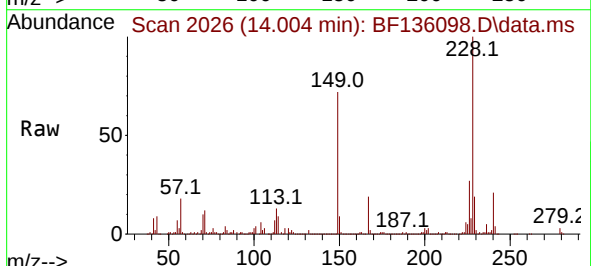
Tgt Ion:149 Resp: 384125

Ion Ratio Lower Upper

149 100

167 26.6 22.6 33.8

279 4.8 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 47.084 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :

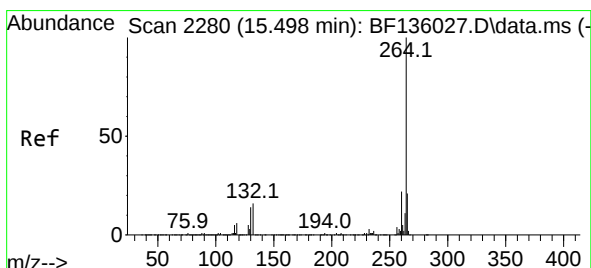
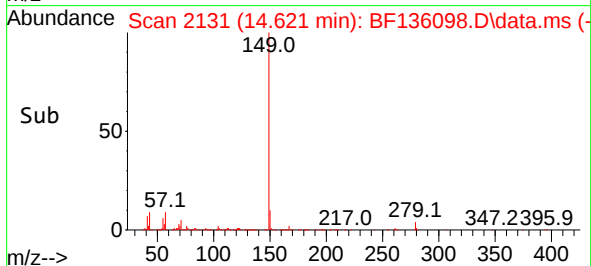
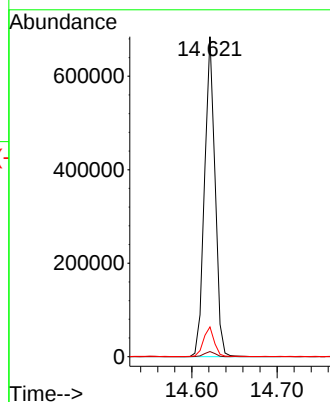
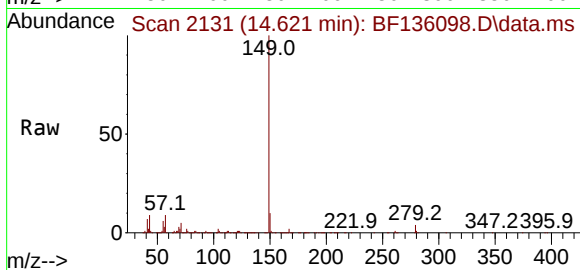
Tgt Ion:149 Resp: 585180

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

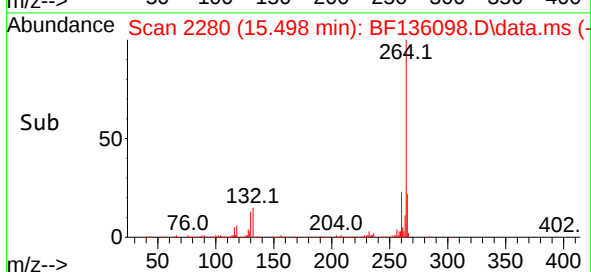
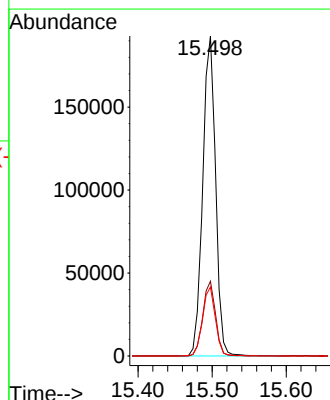
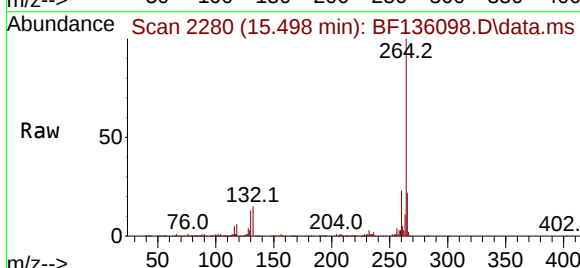
Tgt Ion:264 Resp: 232191

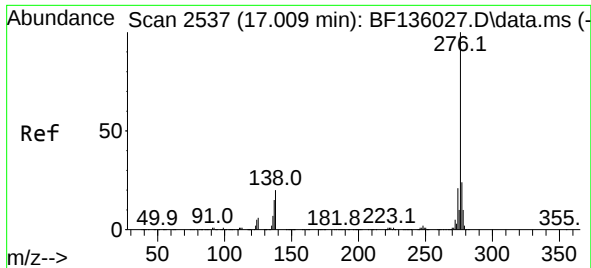
Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

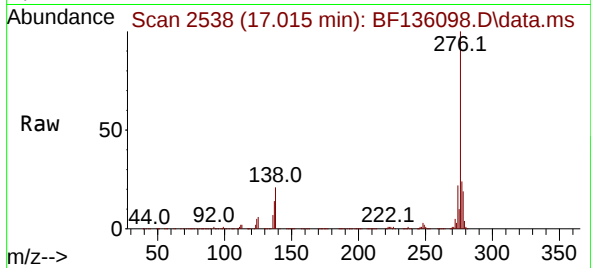
265 21.5 16.8 25.2



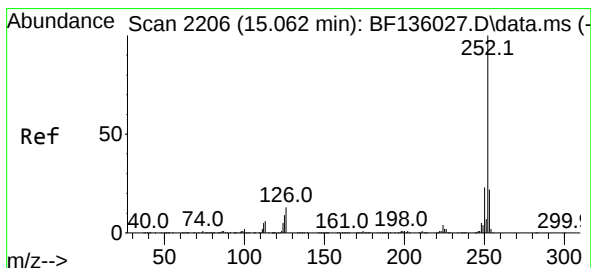
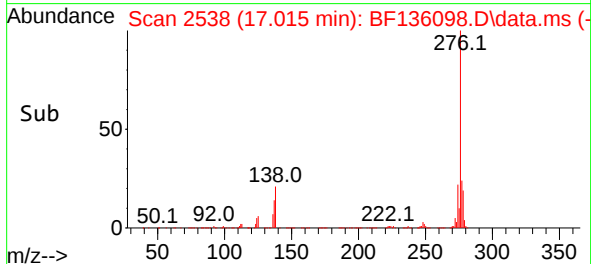
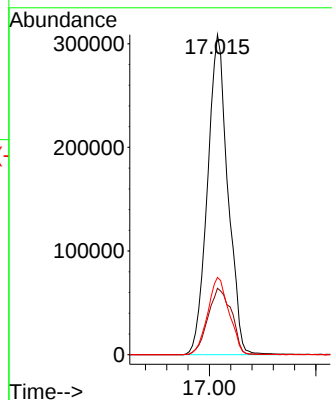


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 54.069 ng  
 RT: 17.015 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF136098.D  
 Acq: 02 Nov 2023 16:24

Instrument :  
 BNA\_F  
 ClientSampleId :

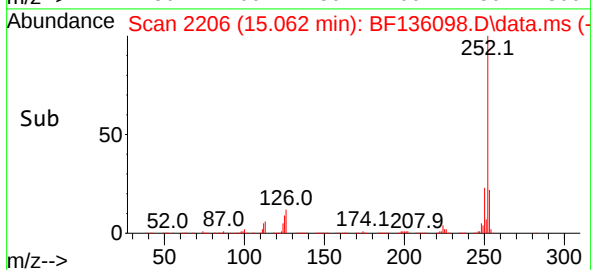
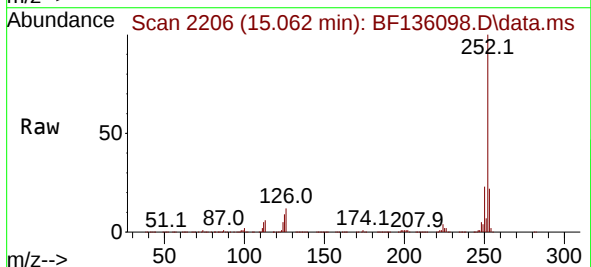
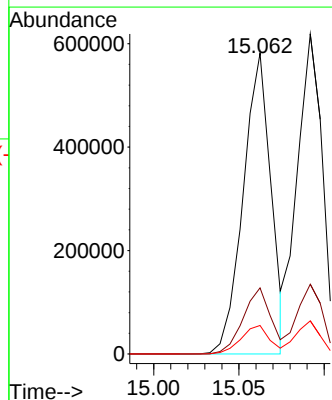


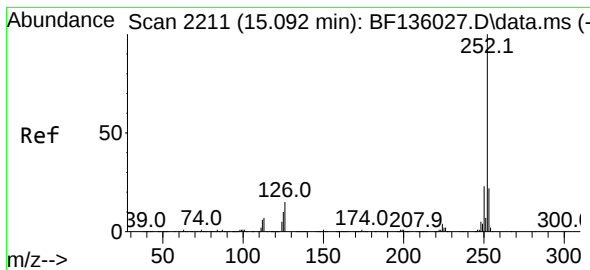
Tgt Ion:276 Resp: 820497  
 Ion Ratio Lower Upper  
 276 100  
 138 24.0 20.4 30.6  
 277 25.3 20.2 30.2



#88  
 Benzo(b)fluoranthene  
 Concen: 47.956 ng  
 RT: 15.062 min Scan# 2206  
 Delta R.T. 0.000 min  
 Lab File: BF136098.D  
 Acq: 02 Nov 2023 16:24

Tgt Ion:252 Resp: 658881  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.7 26.5  
 125 9.5 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 46.885 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Instrument :

BNA\_F

ClientSampleId :

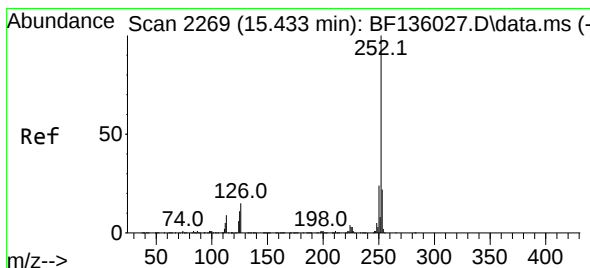
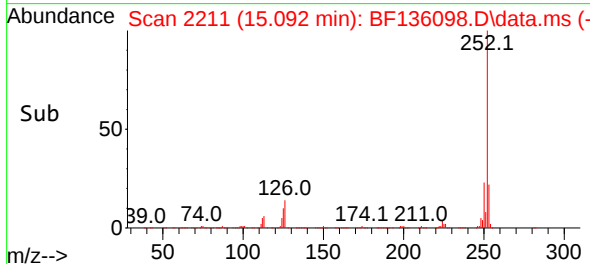
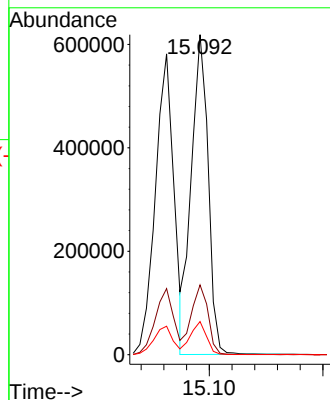
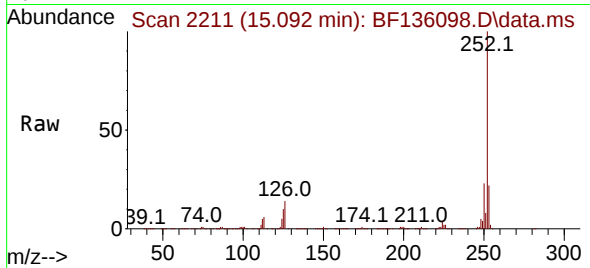
Tgt Ion:252 Resp: 637361

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.3 8.0 12.0



#90

Benzo(a)pyrene

Concen: 46.307 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

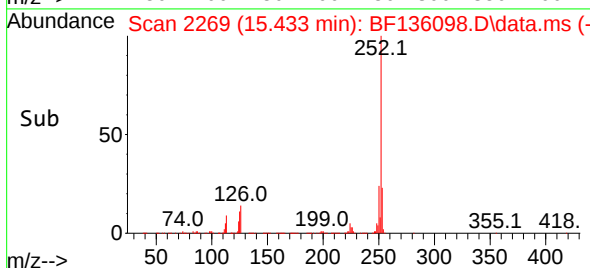
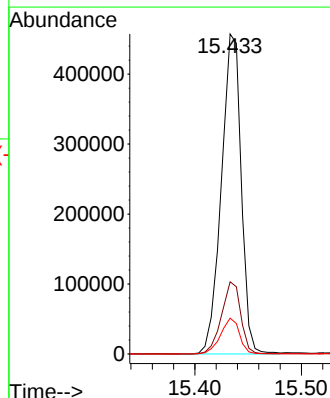
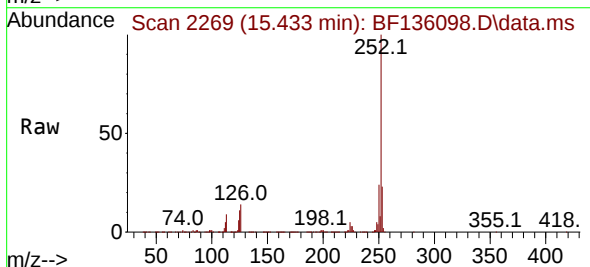
Tgt Ion:252 Resp: 591143

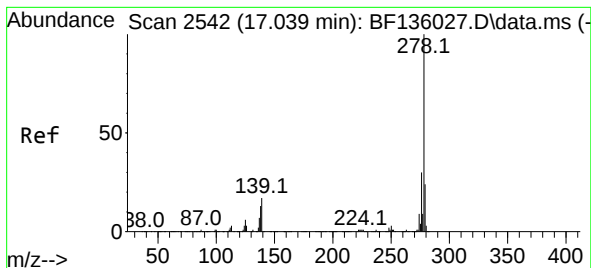
Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 54.668 ng

RT: 17.039 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

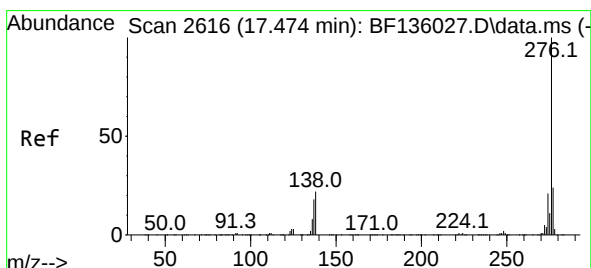
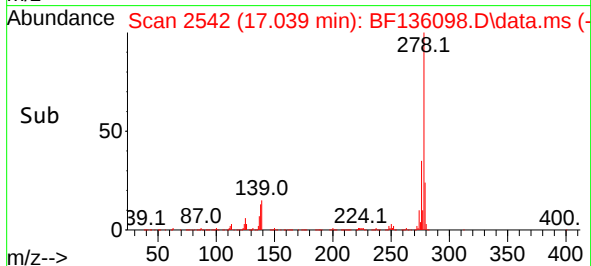
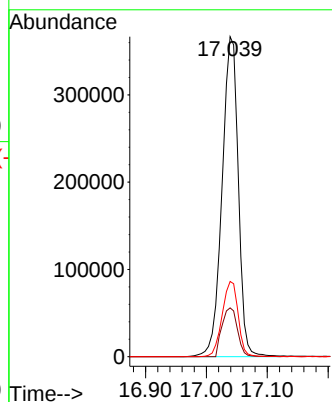
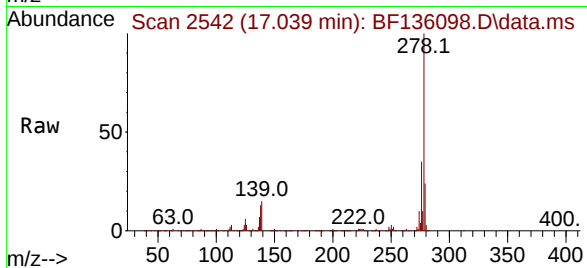
Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:278 Resp: 679540

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.3  | 13.7  | 20.5  |
| 279 | 23.5  | 19.0  | 28.6  |



#92

Benzo(g,h,i)perylene

Concen: 48.457 ng

RT: 17.480 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF136098.D

Acq: 02 Nov 2023 16:24

Tgt Ion:276 Resp: 686187

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.9  | 19.0  | 28.4  |
| 138 | 20.7  | 17.4  | 26.2  |

