

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120123\  
 Data File : BF136369.D  
 Acq On : 02 Dec 2023 09:26  
 Operator : CG\JU  
 Sample : 05562-01DL 5X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Dec 03 07:24:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 03:04:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.804  | 152  | 115599   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.081  | 136  | 384814   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.839  | 164  | 146869   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.327 | 188  | 268232   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 251765   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.468 | 264  | 197839   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 144598   | 17.410 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.434  | 99   | 166876   | 16.069 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.363  | 82   | 97141    | 13.340 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.627 | 330  | 30938    | 17.230 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.157  | 172  | 166837   | 14.510 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.921 | 244  | 194489   | 8.911  | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.593  | 88   | 25393    | 8.080  | ng    | 97       |
| 3) Pyridine                   | 3.363  | 79   | 55017    | 7.092  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.298  | 42   | 26395    | 6.731  | ng    | 80       |
| 6) Aniline                    | 6.469  | 93   | 40299    | 4.106  | ng    | 95       |
| 8) 2-Chlorophenol             | 6.586  | 128  | 66768    | 7.383  | ng    | 96       |
| 9) Benzaldehyde               | 6.357  | 77   | 28331    | 4.895  | ng    | 93       |
| 10) Phenol                    | 6.445  | 94   | 75351    | 6.763  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.539  | 93   | 64416    | 7.881  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.745  | 146  | 74167    | 7.227  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.822  | 146  | 76354    | 7.319  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 6.975  | 146  | 70518    | 7.140  | ng    | 96       |
| 15) Benzyl Alcohol            | 6.945  | 79   | 43752    | 6.009  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.081  | 45   | 82394    | 7.258  | ng    | 94       |
| 17) 2-Methylphenol            | 7.057  | 107  | 50332    | 7.079  | ng    | 95       |
| 18) Hexachloroethane          | 7.316  | 117  | 23738    | 6.487  | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 7.210  | 70   | 42893    | 6.906  | ng    | 92       |
| 20) 3+4-Methylphenols         | 7.210  | 107  | 58643    | 6.347  | ng    | # 71     |
| 22) Acetophenone              | 7.210  | 105  | 93167    | 9.219  | ng    | # 88     |
| 24) Nitrobenzene              | 7.381  | 77   | 59101    | 8.009  | ng    | 93       |
| 25) Isophorone                | 7.616  | 82   | 109250   | 8.320  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.698  | 139  | 26424    | 8.404  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.733  | 122  | 40738    | 9.844  | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 7.833  | 93   | 66643    | 8.391  | ng    | 93       |
| 29) 2,4-Dichlorophenol        | 7.939  | 162  | 40005    | 7.167  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 8.022  | 180  | 53369    | 7.809  | ng    | 95       |
| 31) Naphthalene               | 8.104  | 128  | 169454   | 7.834  | ng    | 96       |
| 32) Benzoic acid              | 7.792  | 122  | 18838    | 4.994  | ng    | 91       |
| 33) 4-Chloroaniline           | 8.151  | 127  | 26568    | 3.614  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.222  | 225  | 33809    | 8.456  | ng    | 97       |
| 35) Caprolactam               | 8.486  | 113  | 11262    | 7.217  | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.633  | 107  | 37094    | 6.127  | ng    | # 90     |
| 37) 2-Methylnaphthalene       | 8.792  | 142  | 98611    | 7.268  | ng    | 90       |
| 38) 1-Methylnaphthalene       | 8.892  | 142  | 91185    | 6.889  | ng    | 90       |
| 40) 1,2,4,5-Tetrachloroben... | 8.957  | 216  | 46743    | 10.000 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 8.945  | 237  | 5535     | 3.078  | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 9.075  | 196  | 23399    | 7.713  | ng    | 89       |

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 ALS Vial : 40 Sample Multiplier: 1

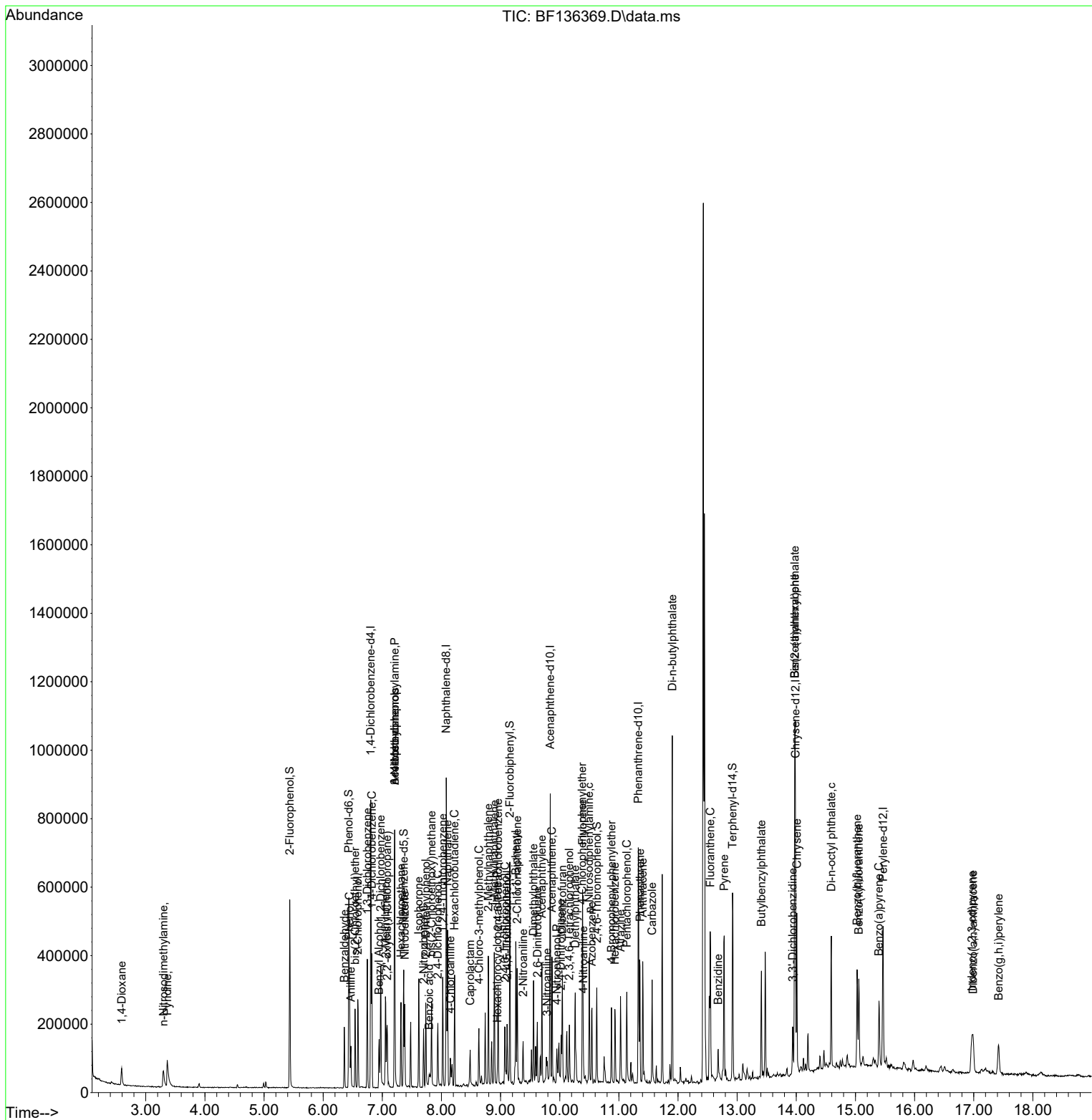
Instrument :  
 BNA\_F  
 ClientSampleId :

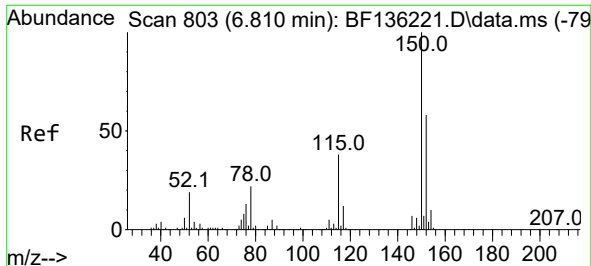
Quant Time: Dec 03 07:24:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 03:04:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 24654    | 7.447  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.257  | 154  | 121783   | 9.403  | ng    | 95       |
| 47) 2-Chloronaphthalene       | 9.280  | 162  | 84692    | 8.420  | ng    | 94       |
| 48) 2-Nitroaniline            | 9.380  | 65   | 20792    | 7.918  | ng    | # 85     |
| 49) Acenaphthylene            | 9.698  | 152  | 126370   | 8.804  | ng    | 97       |
| 50) Dimethylphthalate         | 9.557  | 163  | 94687    | 8.530  | ng    | # 97     |
| 51) 2,6-Dinitrotoluene        | 9.622  | 165  | 18512    | 8.163  | ng    | 91       |
| 52) Acenaphthene              | 9.869  | 154  | 75997    | 8.378  | ng    | 90       |
| 53) 3-Nitroaniline            | 9.786  | 138  | 10956    | 4.869  | ng    | 99       |
| 55) Dibenzofuran              | 10.045 | 168  | 108443   | 8.034  | ng    | 97       |
| 56) 4-Nitrophenol             | 9.951  | 139  | 24666    | 14.433 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.022 | 165  | 22276    | 7.354  | ng    | # 89     |
| 58) Fluorene                  | 10.386 | 166  | 87404    | 8.256  | ng    | 93       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.163 | 232  | 20210    | 7.672  | ng    | # 98     |
| 60) Diethylphthalate          | 10.263 | 149  | 87710    | 7.899  | ng    | # 93     |
| 61) 4-Chlorophenyl-phenyle... | 10.380 | 204  | 43250    | 8.412  | ng    | 97       |
| 62) 4-Nitroaniline            | 10.398 | 138  | 16803    | 7.629  | ng    | 94       |
| 63) Azobenzene                | 10.539 | 77   | 76425    | 7.424  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.498 | 169  | 73497    | 8.550  | ng    | 90       |
| 67) 4-Bromophenyl-phenylether | 10.874 | 248  | 24333    | 7.776  | ng    | 92       |
| 68) Hexachlorobenzene         | 10.933 | 284  | 28724    | 7.931  | ng    | # 88     |
| 69) Atrazine                  | 11.027 | 200  | 26118    | 10.243 | ng    | 95       |
| 70) Pentachlorophenol         | 11.133 | 266  | 32206    | 15.731 | ng    | 96       |
| 71) Phenanthrene              | 11.357 | 178  | 136314   | 9.042  | ng    | 96       |
| 72) Anthracene                | 11.404 | 178  | 135913   | 8.990  | ng    | 96       |
| 73) Carbazole                 | 11.563 | 167  | 114360   | 8.894  | ng    | 96       |
| 74) Di-n-butylphthalate       | 11.904 | 149  | 456798   | 28.393 | ng    | 98       |
| 75) Fluoranthene              | 12.545 | 202  | 176421   | 11.527 | ng    | 94       |
| 77) Benzidine                 | 12.680 | 184  | 43555    | 10.524 | ng    | # 96     |
| 78) Pyrene                    | 12.780 | 202  | 179037   | 6.493  | ng    | 94       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 67076    | 7.817  | ng    | 93       |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 169394   | 9.058  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 26394    | 5.863  | ng    | 94       |
| 83) Chrysene                  | 14.010 | 228  | 153381   | 8.495  | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 98313    | 9.546  | ng    | # 92     |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 178574   | 14.691 | ng    | # 99     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.968 | 276  | 87865    | 8.289  | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 131199   | 9.452  | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 113236   | 8.590  | ng    | 96       |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 96709    | 8.523  | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 16.992 | 278  | 71419    | 8.391  | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 17.421 | 276  | 72828    | 7.773  | ng    | 98       |

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

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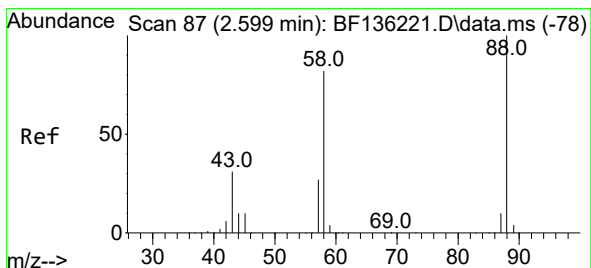
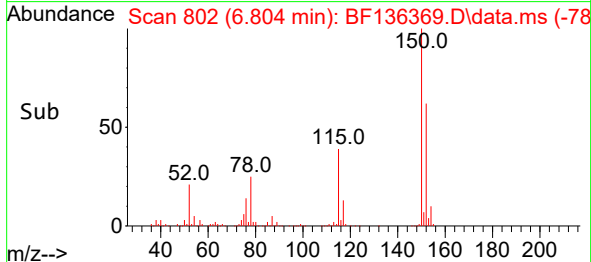
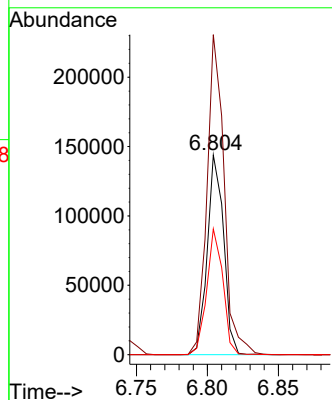
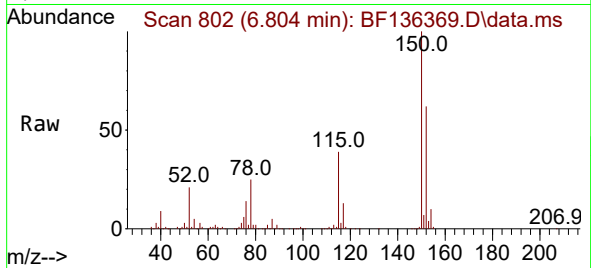




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.804 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BF136369.D  
 Acq: 02 Dec 2023 09:26

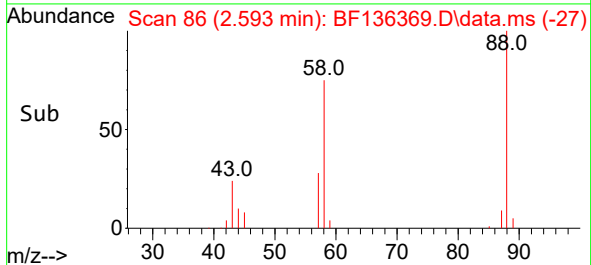
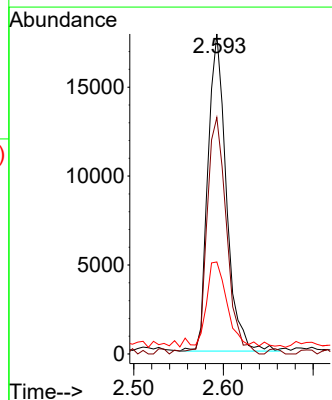
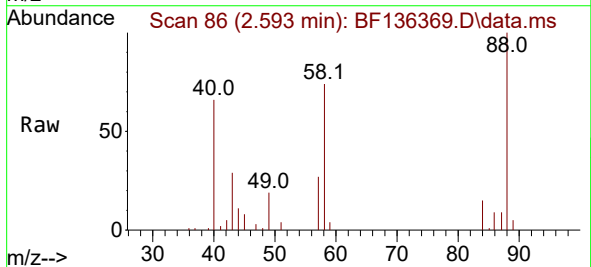
Instrument :  
 BNA\_F  
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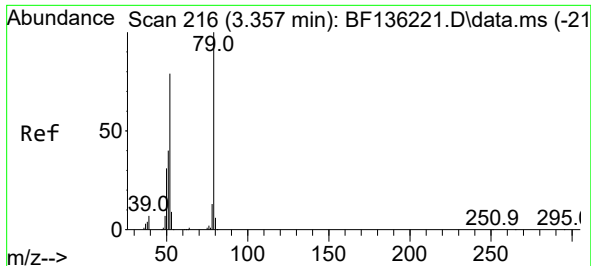
Tgt Ion:152 Resp: 115599  
 Ion Ratio Lower Upper  
 152 100  
 150 160.2 137.8 206.8  
 115 63.0 52.7 79.1



#2  
 1,4-Dioxane  
 Concen: 8.080 ng  
 RT: 2.593 min Scan# 86  
 Delta R.T. -0.006 min  
 Lab File: BF136369.D  
 Acq: 02 Dec 2023 09:26

Tgt Ion: 88 Resp: 25393  
 Ion Ratio Lower Upper  
 88 100  
 58 79.7 65.9 98.9  
 43 28.7 24.8 37.2

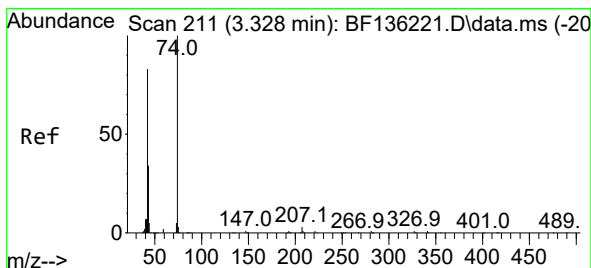
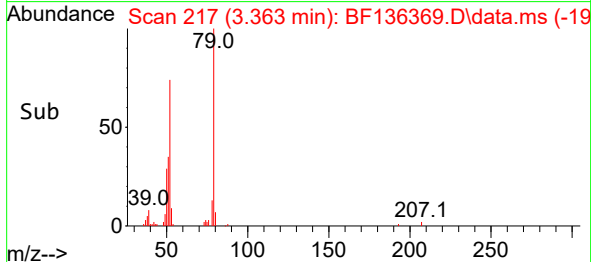
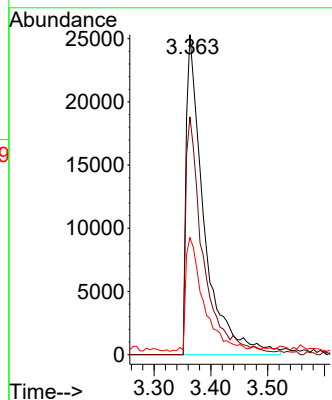
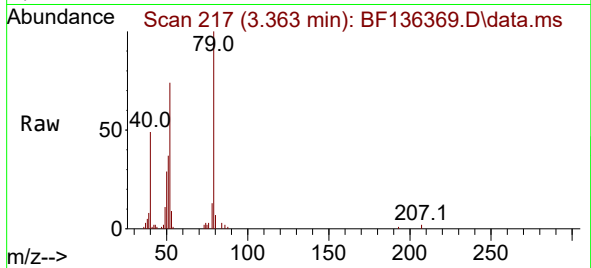




#3  
 Pyridine  
 Concen: 7.092 ng  
 RT: 3.363 min Scan# 216  
 Delta R.T. 0.006 min  
 Lab File: BF136369.D  
 Acq: 02 Dec 2023 09:26

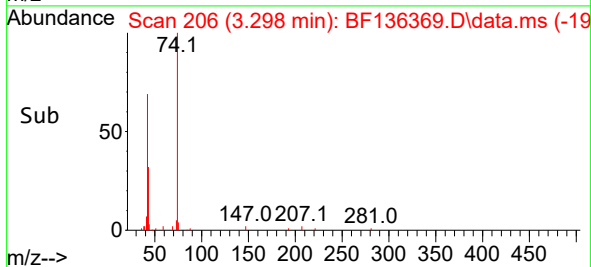
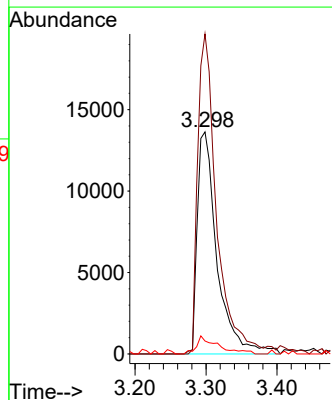
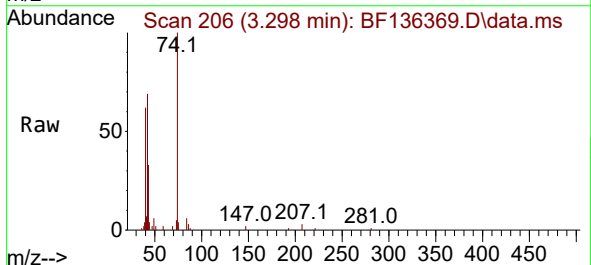
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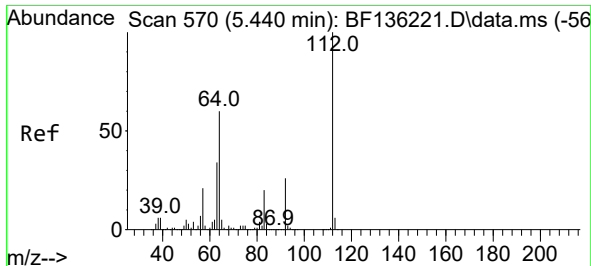
Tgt Ion: 79 Resp: 55017  
 Ion Ratio Lower Upper  
 79 100  
 52 74.3 63.2 94.8  
 51 36.6 32.6 49.0



#4  
 n-Nitrosodimethylamine  
 Concen: 6.731 ng  
 RT: 3.298 min Scan# 206  
 Delta R.T. -0.029 min  
 Lab File: BF136369.D  
 Acq: 02 Dec 2023 09:26

Tgt Ion: 42 Resp: 26395  
 Ion Ratio Lower Upper  
 42 100  
 74 144.1 96.6 144.8  
 44 5.9 5.4 8.2

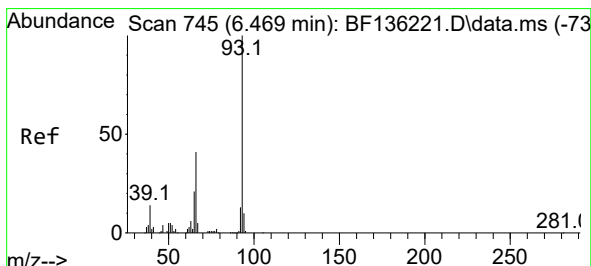
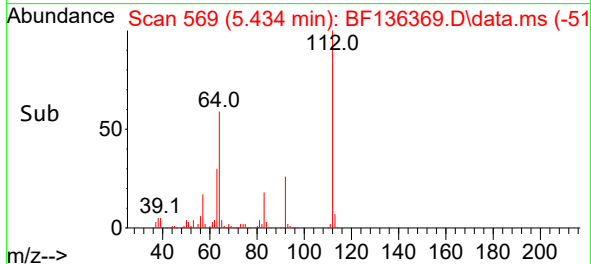
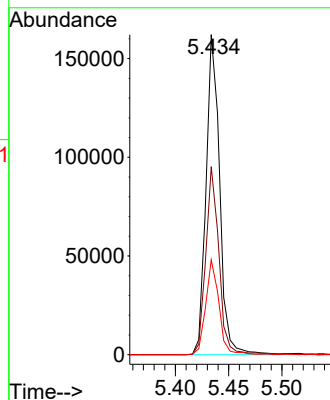
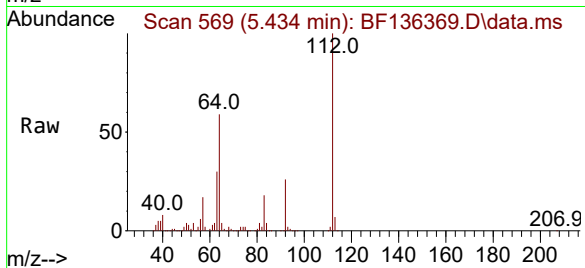




#5  
2-Fluorophenol  
Concen: 17.410 ng  
RT: 5.434 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

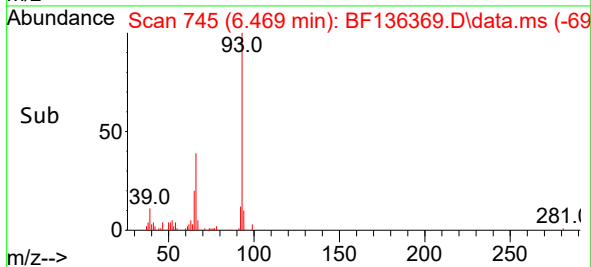
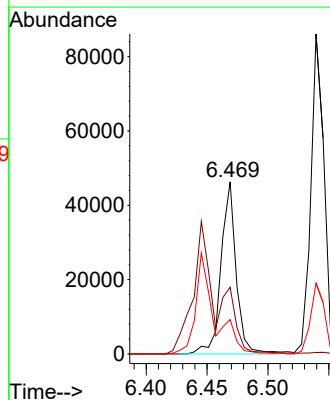
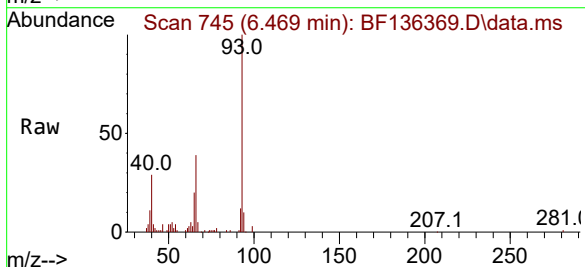
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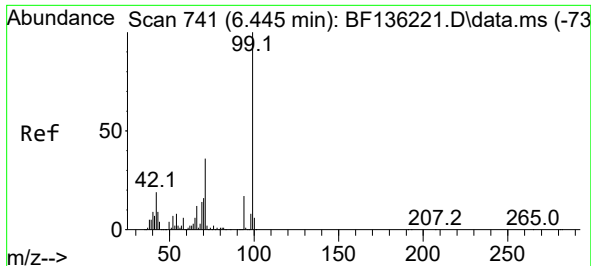
Tgt Ion:112 Resp: 144598  
Ion Ratio Lower Upper  
112 100  
64 58.8 48.2 72.4  
63 29.7 27.0 40.6



#6  
Aniline  
Concen: 4.106 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Tgt Ion: 93 Resp: 40299  
Ion Ratio Lower Upper  
93 100  
66 38.7 34.1 51.1  
65 19.9 17.3 25.9





#7

Phenol-d6

Concen: 16.069 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :

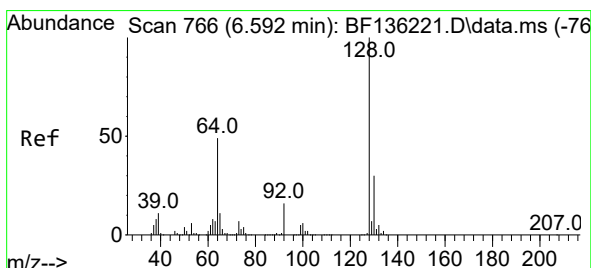
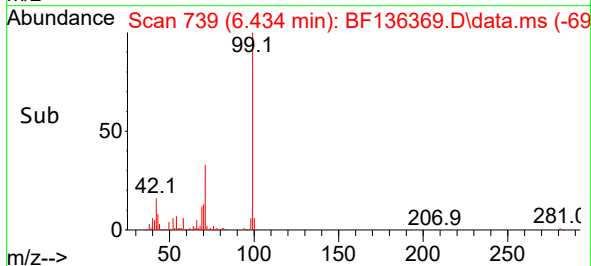
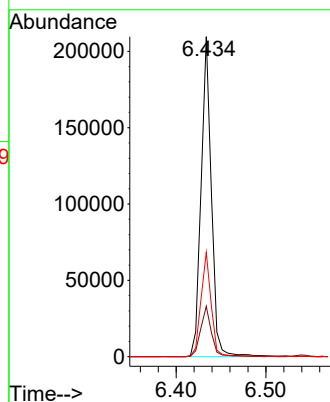
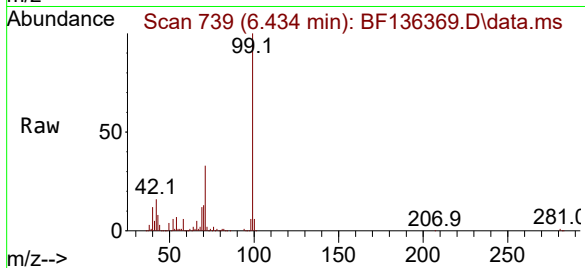
Tgt Ion: 99 Resp: 166876

Ion Ratio Lower Upper

99 100

42 15.8 15.0 22.6

71 32.6 28.9 43.3



#8

2-Chlorophenol

Concen: 7.383 ng

RT: 6.586 min Scan# 765

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

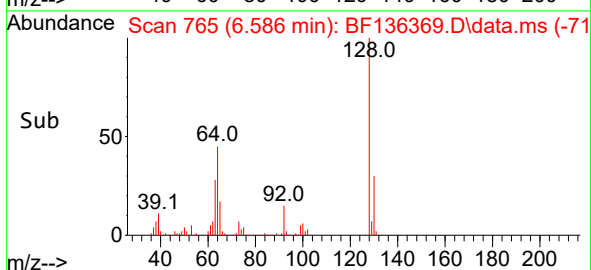
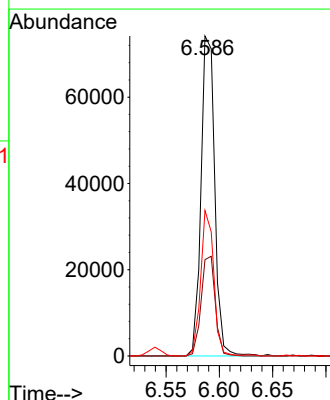
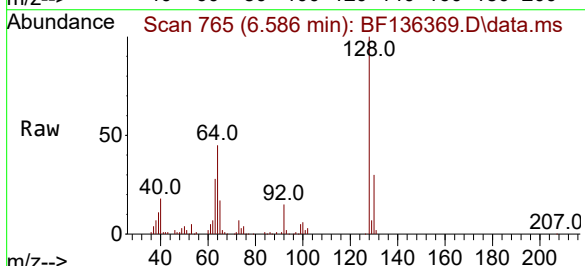
Tgt Ion:128 Resp: 66768

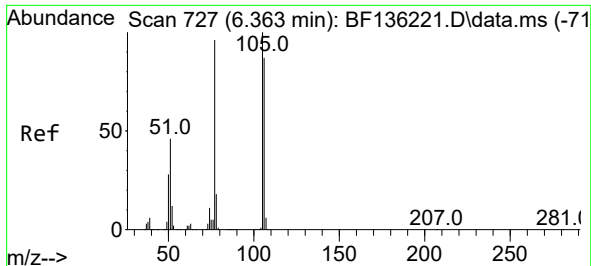
Ion Ratio Lower Upper

128 100

130 30.1 10.3 50.3

64 45.5 30.0 70.0

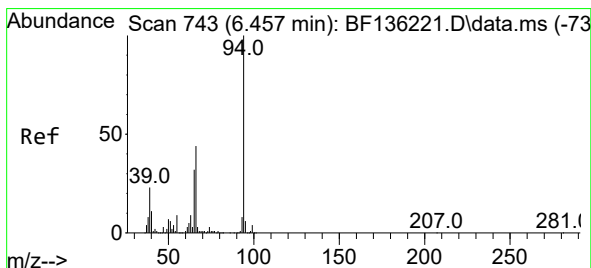
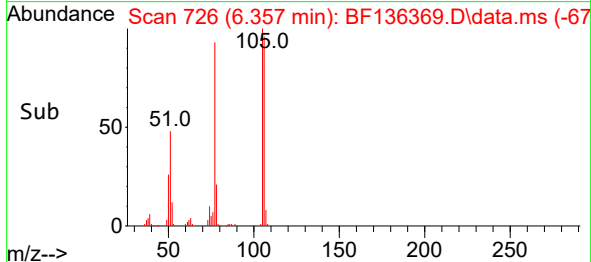
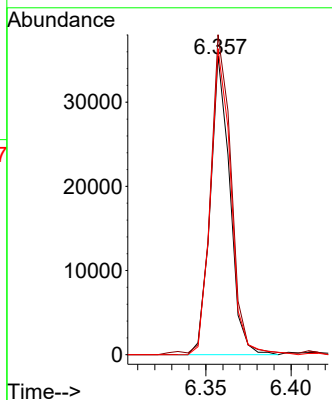
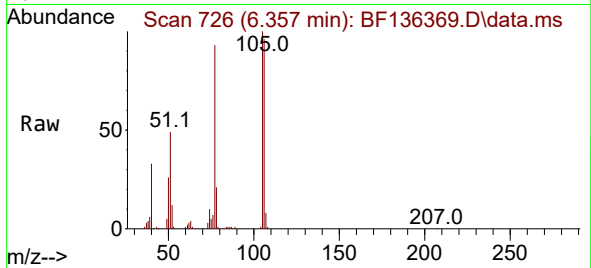




#9  
Benzaldehyde  
Concen: 4.895 ng  
RT: 6.357 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

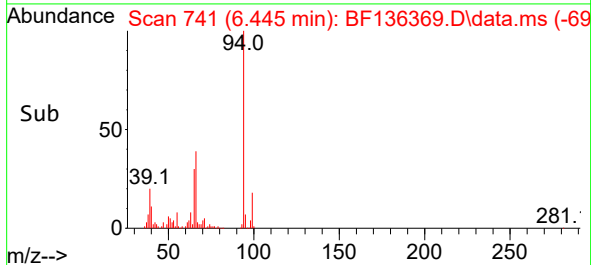
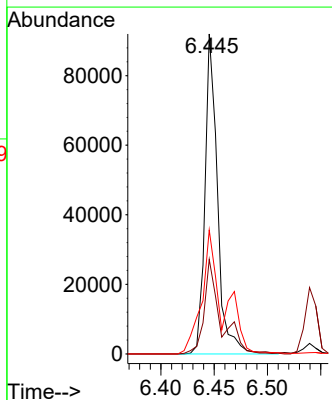
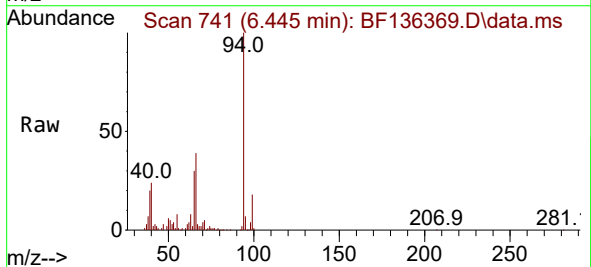
Instrument :  
BNA\_F  
ClientSampleId :

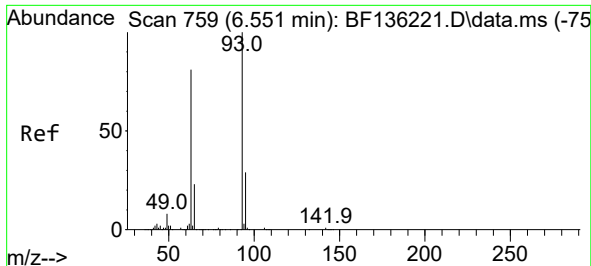
Tgt Ion: 77 Resp: 28331  
Ion Ratio Lower Upper  
77 100  
105 107.0 84.3 124.3  
106 102.4 71.0 111.0



#10  
Phenol  
Concen: 6.763 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Tgt Ion: 94 Resp: 75351  
Ion Ratio Lower Upper  
94 100  
65 29.5 12.5 52.5  
66 38.7 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 7.881 ng

RT: 6.539 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :

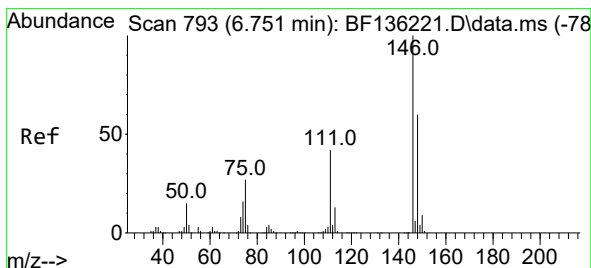
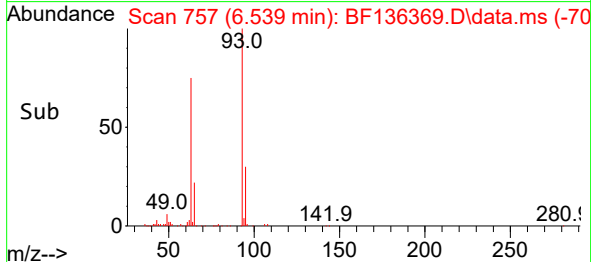
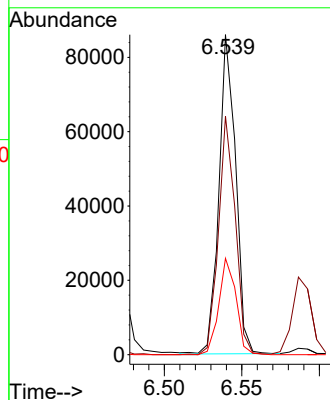
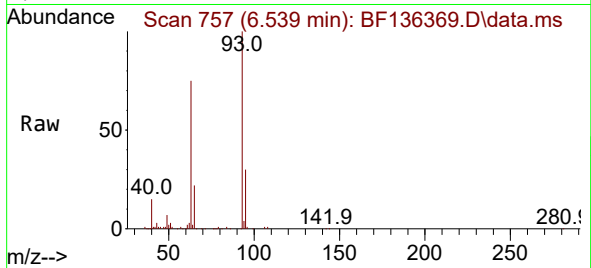
Tgt Ion: 93 Resp: 64416

Ion Ratio Lower Upper

93 100

63 74.6 60.2 100.2

95 30.1 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 7.227 ng

RT: 6.745 min Scan# 792

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

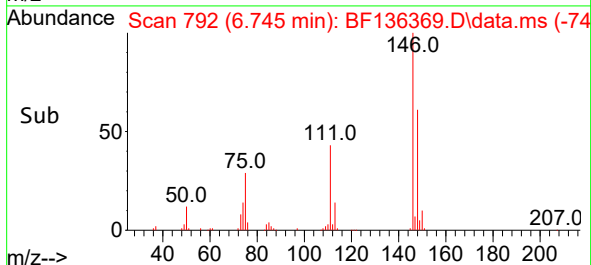
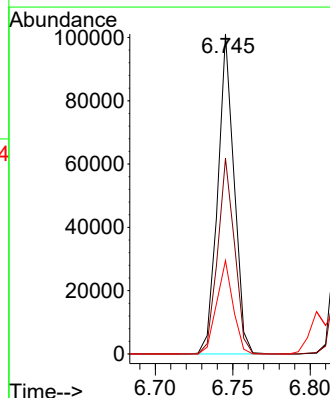
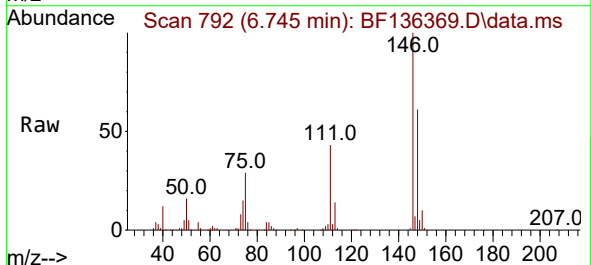
Tgt Ion:146 Resp: 74167

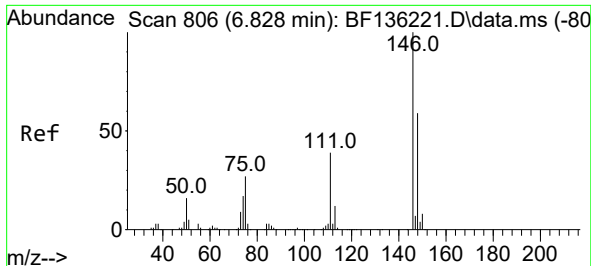
Ion Ratio Lower Upper

146 100

148 61.2 47.8 71.6

75 29.2 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 7.319 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136369.D

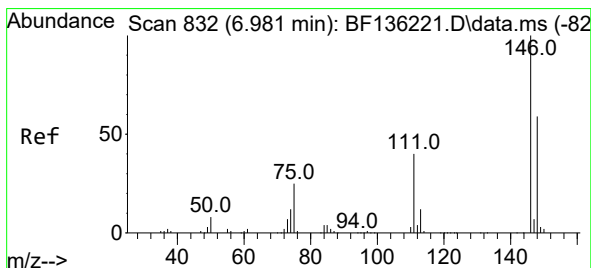
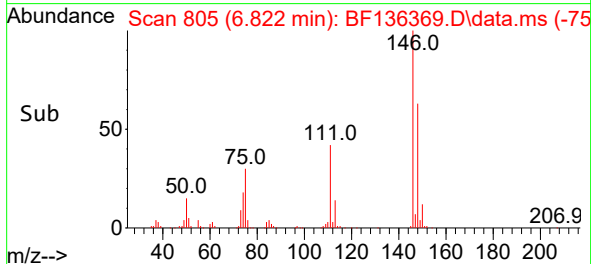
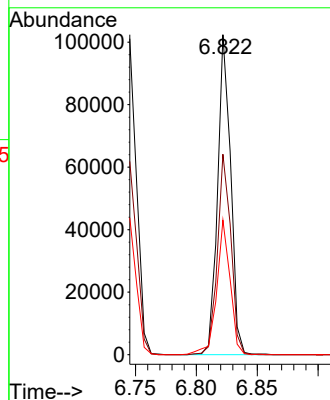
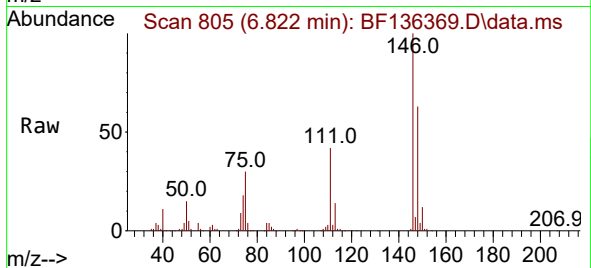
Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 76354     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 148         | 62.7  | 47.0 70.6 |
| 111         | 42.1  | 31.5 47.3 |



#14

1,2-Dichlorobenzene

Concen: 7.140 ng

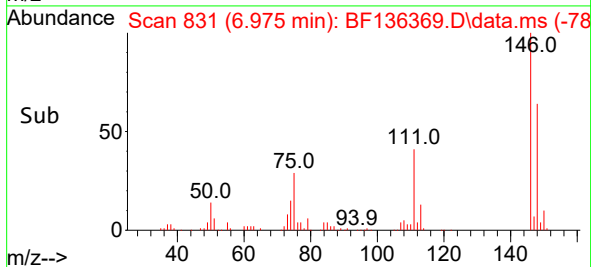
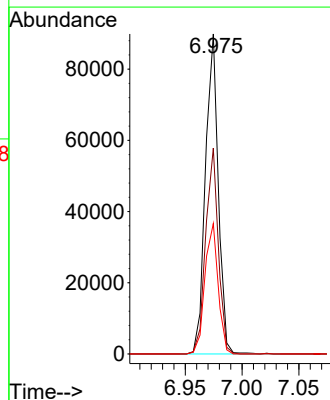
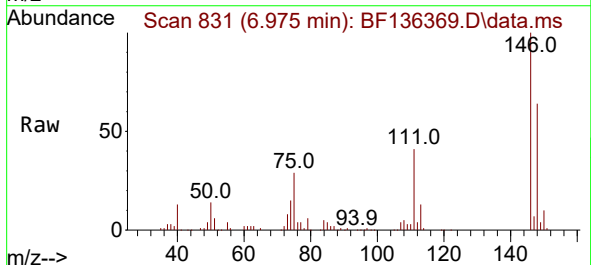
RT: 6.975 min Scan# 831

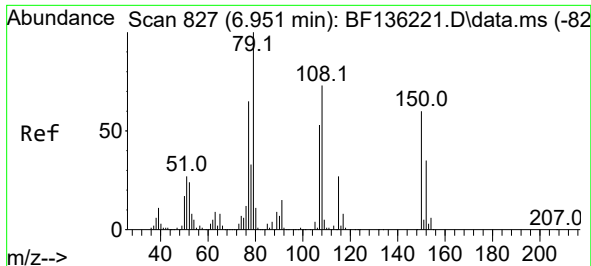
Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

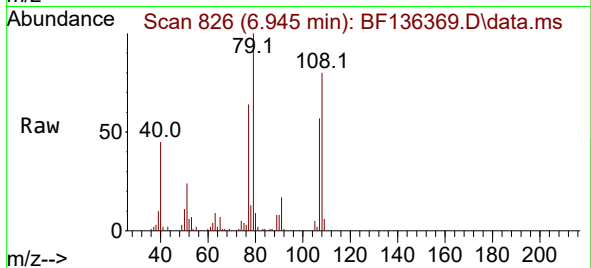
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 70518     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 148         | 64.4  | 47.3 70.9 |
| 111         | 40.8  | 32.4 48.6 |



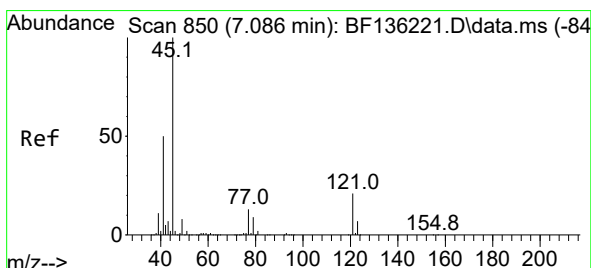
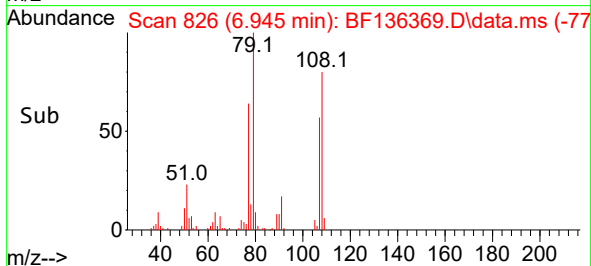
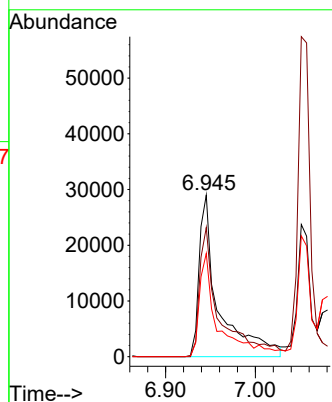


#15  
Benzyl Alcohol  
Concen: 6.009 ng  
RT: 6.945 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Instrument :  
BNA\_F  
ClientSampleId :

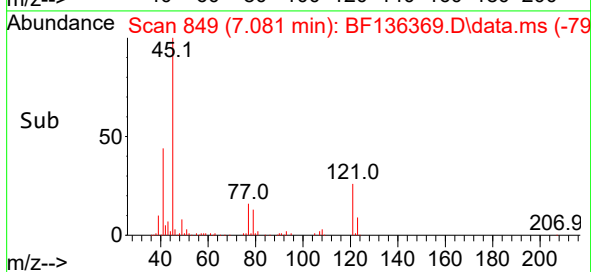
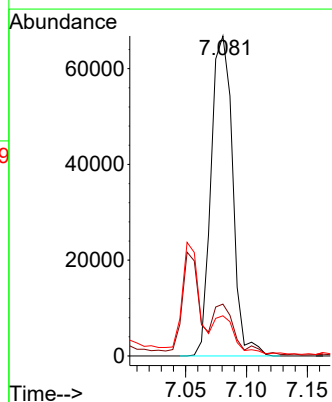
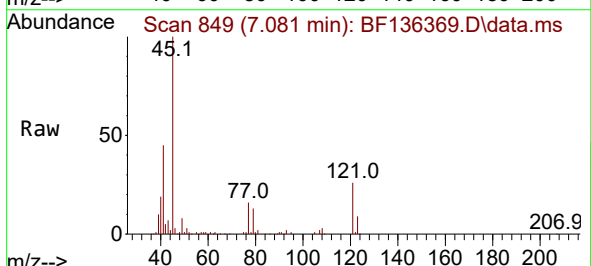


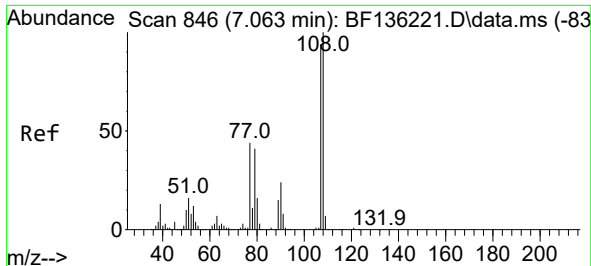
Tgt Ion: 79 Resp: 43752  
Ion Ratio Lower Upper  
79 100  
108 79.9 58.1 87.1  
77 63.9 51.8 77.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 7.258 ng  
RT: 7.081 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

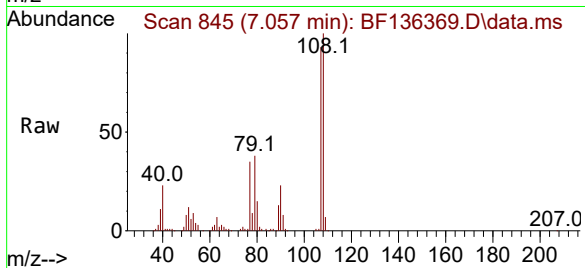
Tgt Ion: 45 Resp: 82394  
Ion Ratio Lower Upper  
45 100  
77 16.2 0.0 34.0  
79 12.6 0.0 30.1



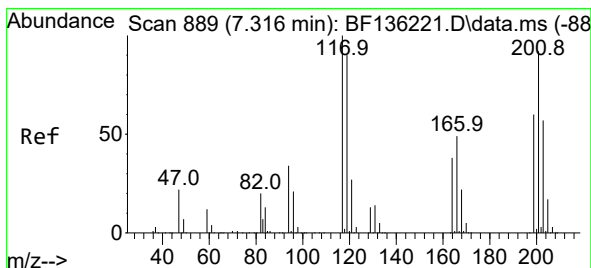
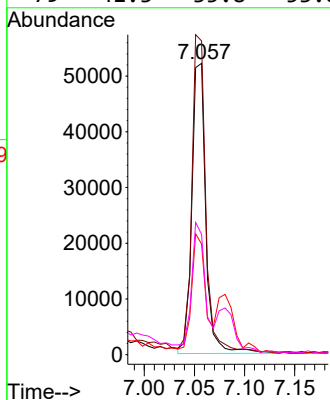
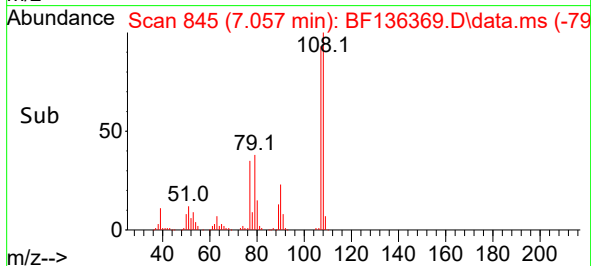


#17  
2-Methylphenol  
Concen: 7.079 ng  
RT: 7.057 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Instrument :  
BNA\_F  
ClientSampleId :

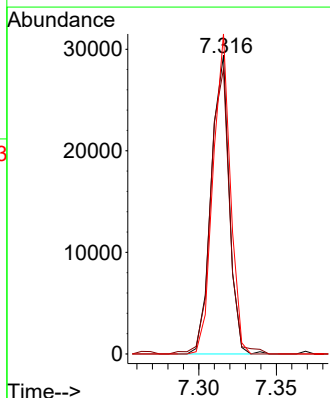
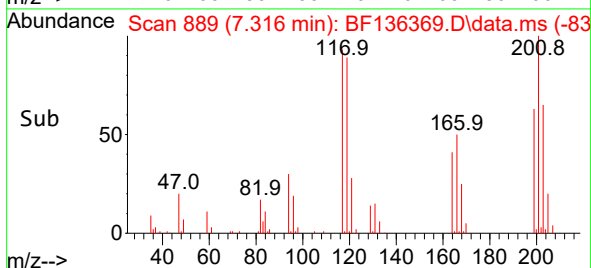
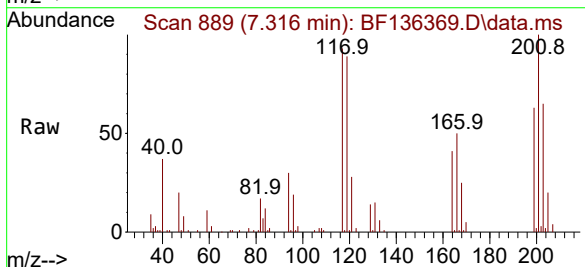


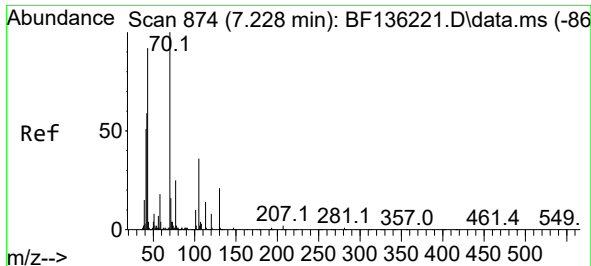
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 50332 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 107.7 | 85.4  | 128.0 |
| 77       | 38.0  | 37.4  | 56.2  |
| 79       | 41.3  | 35.8  | 53.8  |



#18  
Hexachloroethane  
Concen: 6.487 ng  
RT: 7.316 min Scan# 889  
Delta R.T. -0.000 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

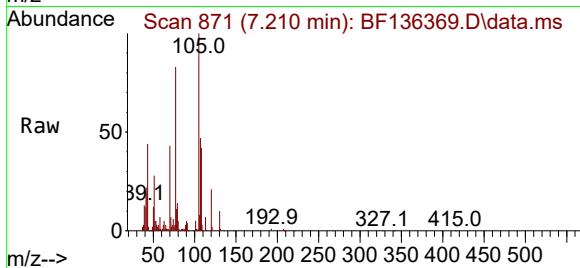
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 23738 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.4  | 71.6  | 107.4 |
| 201      | 107.1 | 73.4  | 110.2 |



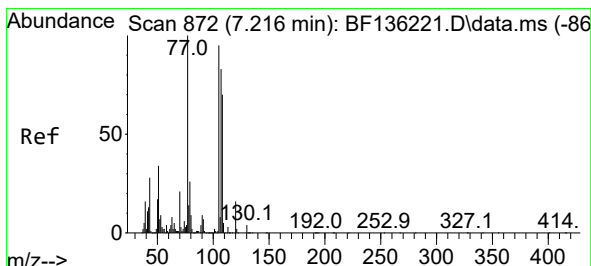
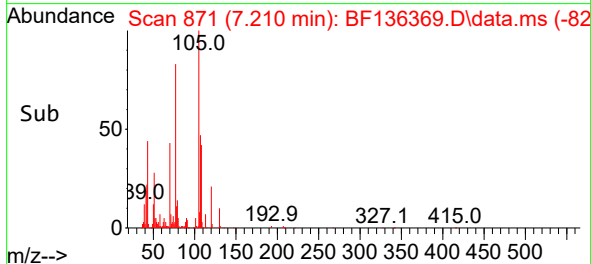
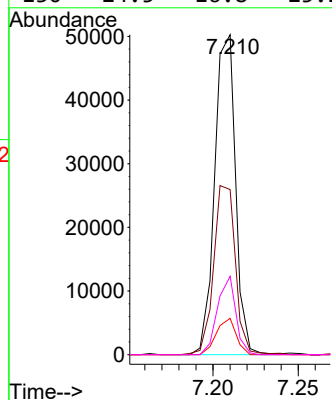


#19  
n-Nitroso-di-n-propylamine  
Concen: 6.906 ng  
RT: 7.210 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Instrument :  
BNA\_F  
ClientSampleId :

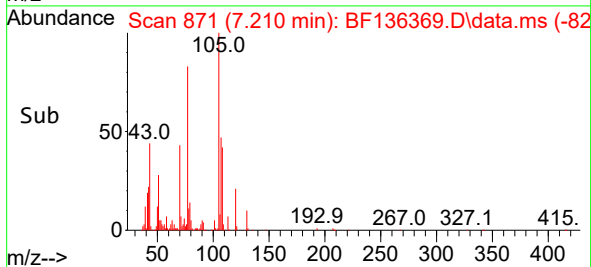
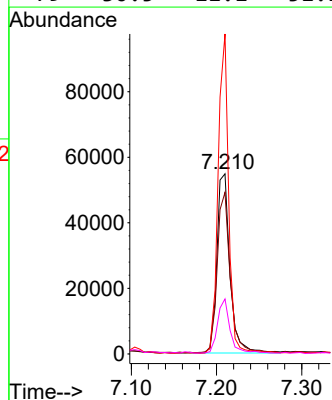
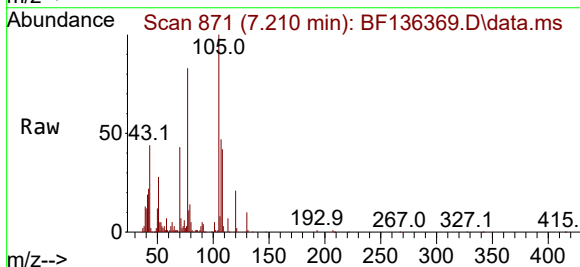


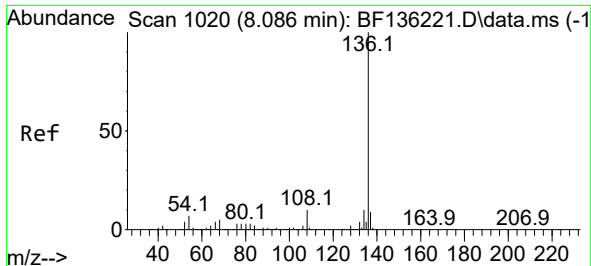
Tgt Ion: 70 Resp: 42893  
Ion Ratio Lower Upper  
70 100  
42 51.6 47.0 70.4  
101 11.3 7.8 11.8  
130 24.5 16.8 25.2



#20  
3+4-Methylphenols  
Concen: 6.347 ng  
RT: 7.210 min Scan# 871  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

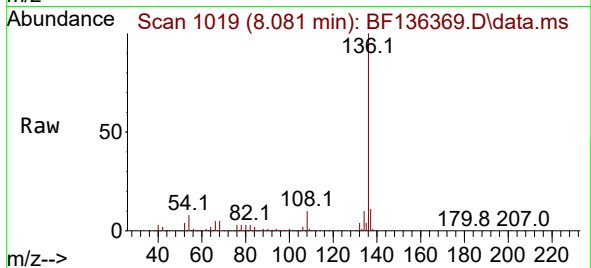
Tgt Ion: 107 Resp: 58643  
Ion Ratio Lower Upper  
107 100  
108 89.6 63.9 103.9  
77 177.6 100.2 140.2#  
79 30.5 11.1 51.1



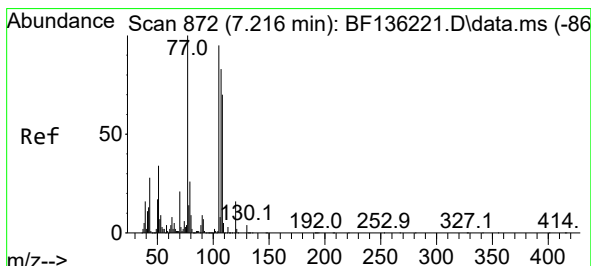
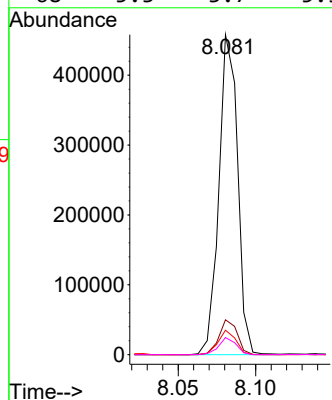
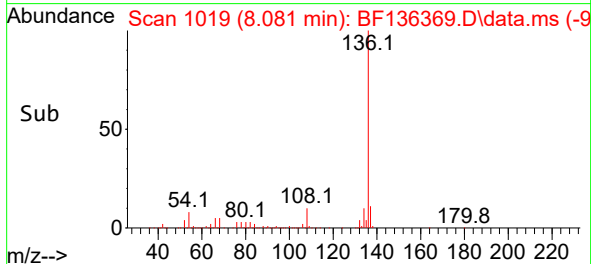


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

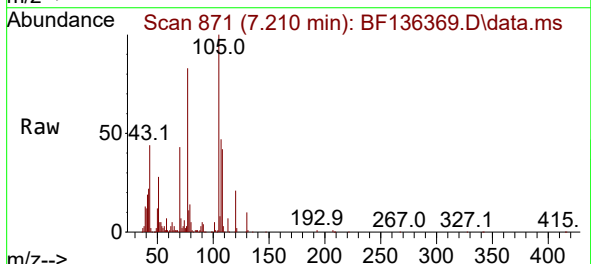
Instrument :  
BNA\_F  
ClientSampleId :



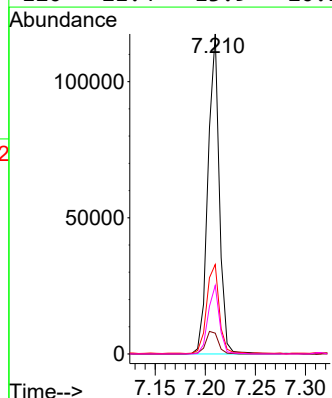
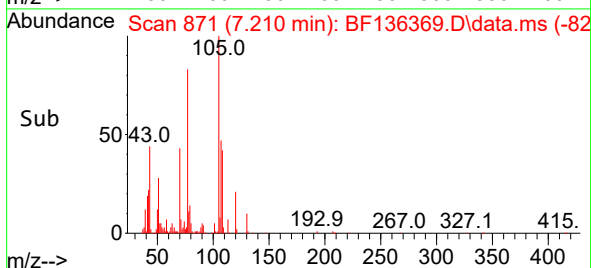
Tgt Ion:136 Resp: 384814  
Ion Ratio Lower Upper  
136 100  
137 10.9 7.4 11.2  
54 7.6 5.5 8.3  
68 5.3 3.7 5.5

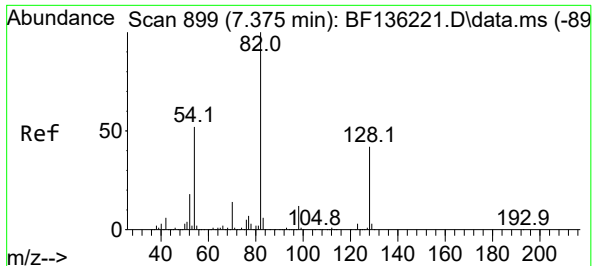


#22  
Acetophenone  
Concen: 9.219 ng  
RT: 7.210 min Scan# 871  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26



Tgt Ion:105 Resp: 93167  
Ion Ratio Lower Upper  
105 100  
71 6.5 2.8 4.2#  
51 28.0 29.0 43.6#  
120 21.4 13.9 20.9#





#23

Nitrobenzene-d5

Concen: 13.340 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

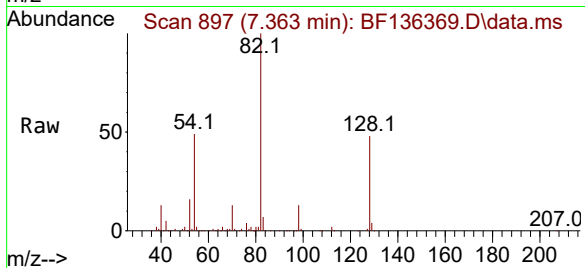
Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :



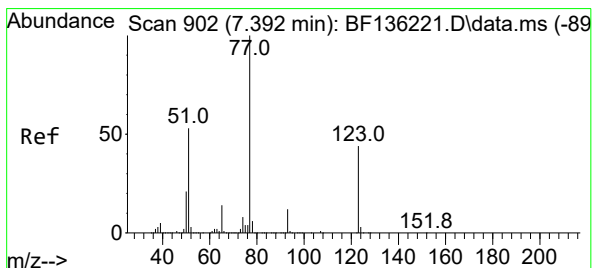
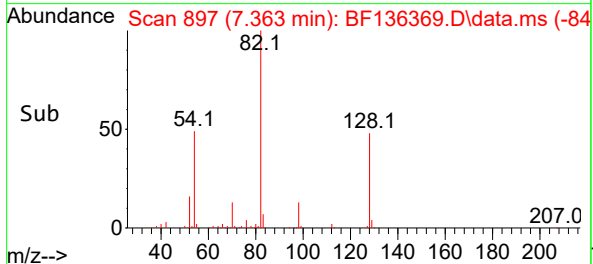
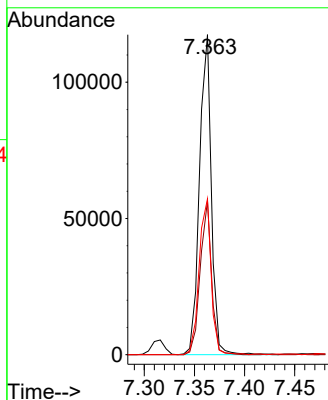
Tgt Ion: 82 Resp: 97141

Ion Ratio Lower Upper

82 100

128 48.1 33.4 50.2

54 48.7 41.7 62.5



#24

Nitrobenzene

Concen: 8.009 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

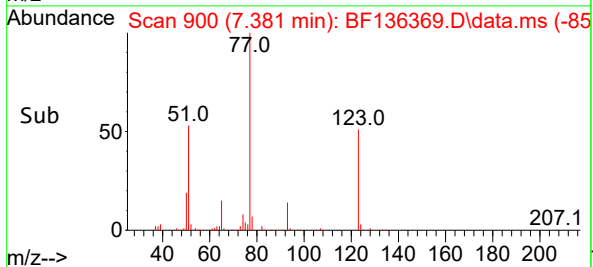
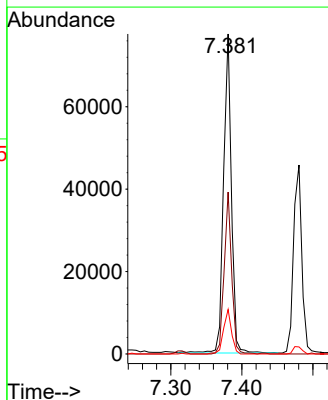
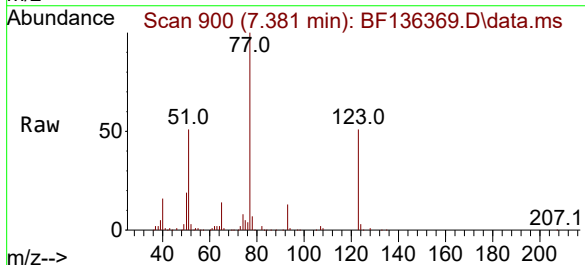
Tgt Ion: 77 Resp: 59101

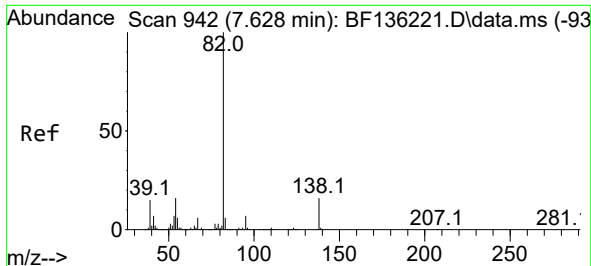
Ion Ratio Lower Upper

77 100

123 50.6 35.4 53.2

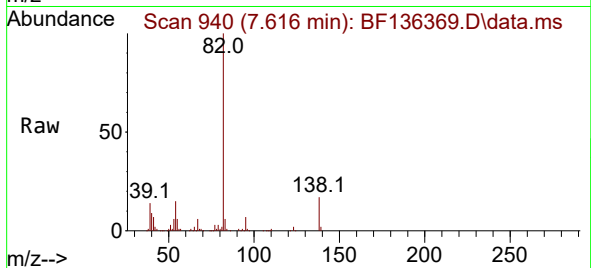
65 13.9 11.0 16.6



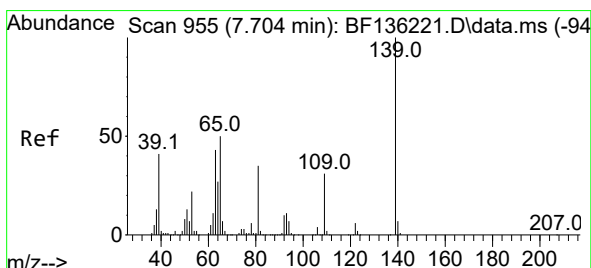
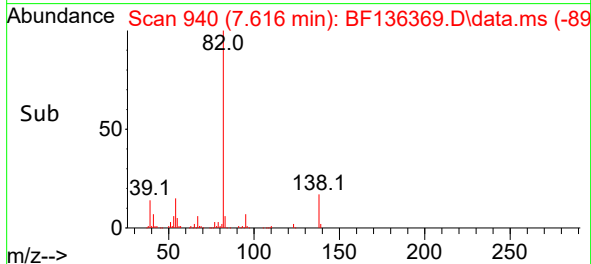
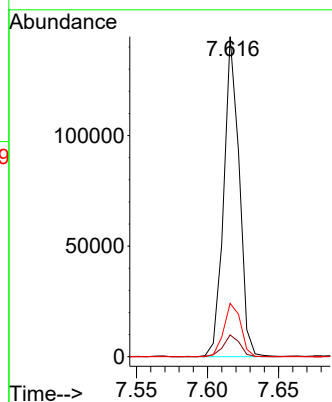


#25  
Isophorone  
Concen: 8.320 ng  
RT: 7.616 min Scan# 941  
Delta R.T. -0.012 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Instrument :  
BNA\_F  
ClientSampleId :

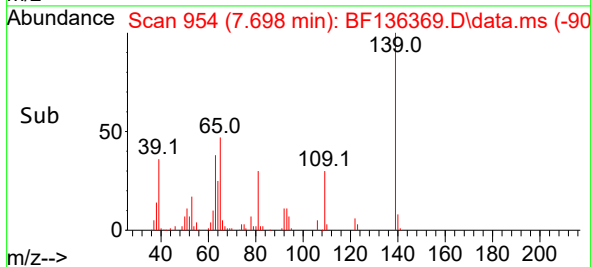
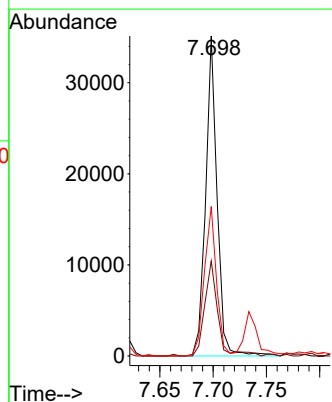
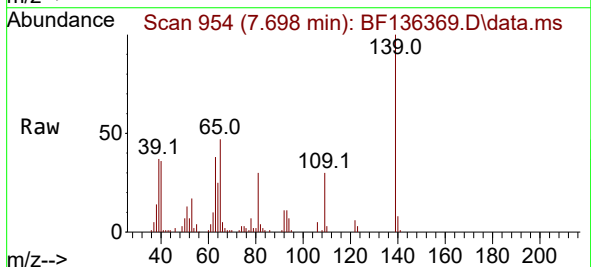


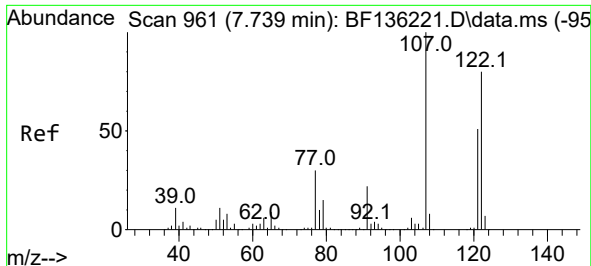
Tgt Ion: 82 Resp: 109250  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.5 8.3  
138 16.7 12.8 19.2



#26  
2-Nitrophenol  
Concen: 8.404 ng  
RT: 7.698 min Scan# 954  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Tgt Ion: 139 Resp: 26424  
Ion Ratio Lower Upper  
139 100  
109 29.7 25.0 37.6  
65 46.7 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 9.844 ng

RT: 7.733 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :

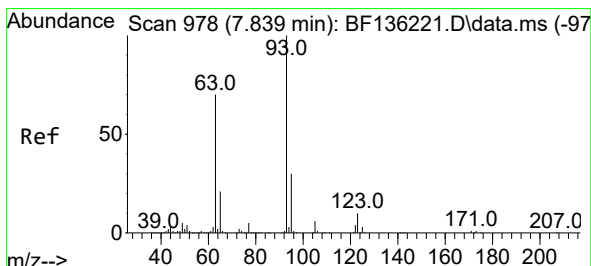
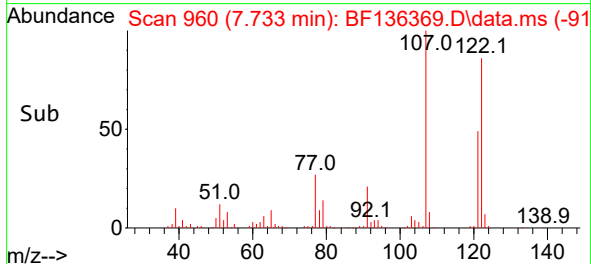
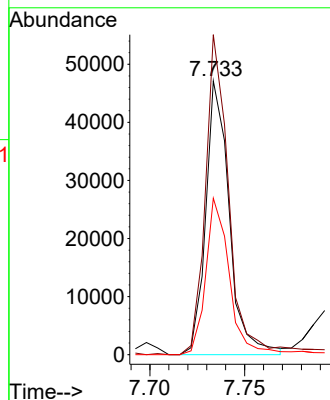
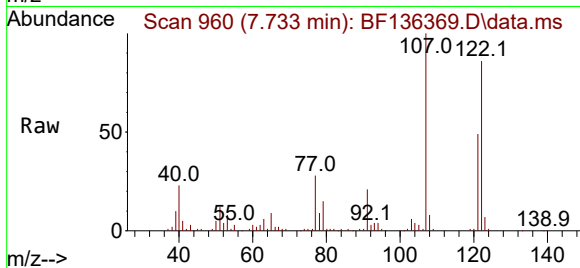
Tgt Ion:122 Resp: 40738

Ion Ratio Lower Upper

122 100

107 116.9 100.0 150.0

121 57.2 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 8.391 ng

RT: 7.833 min Scan# 977

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

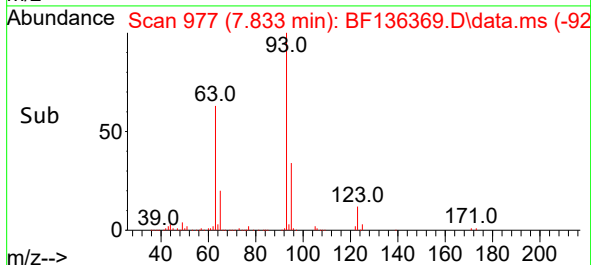
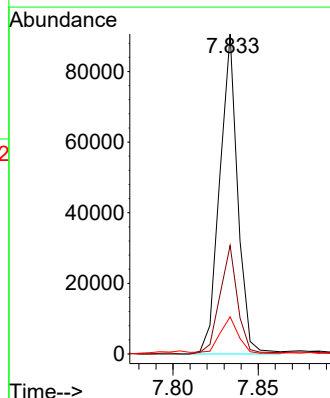
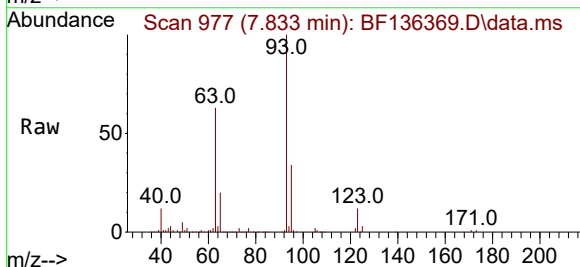
Tgt Ion: 93 Resp: 66643

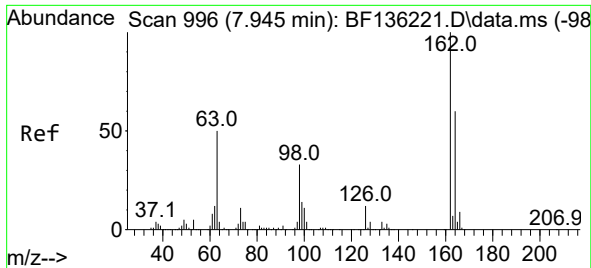
Ion Ratio Lower Upper

93 100

95 33.9 23.8 35.6

123 11.6 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 7.167 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF136369.D

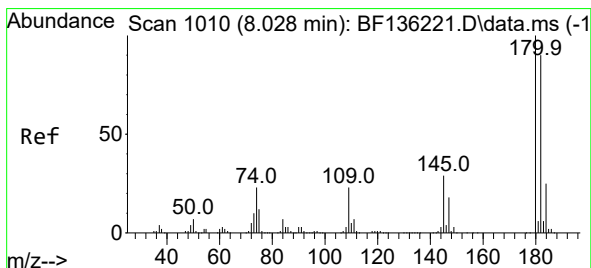
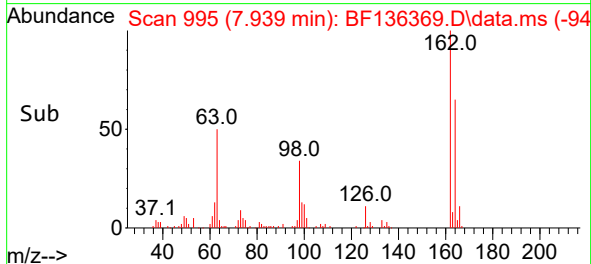
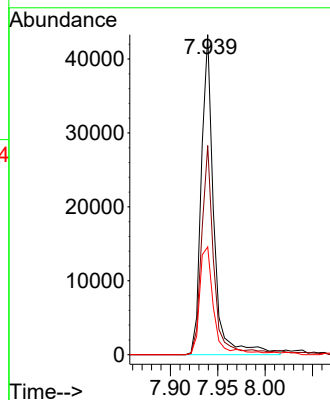
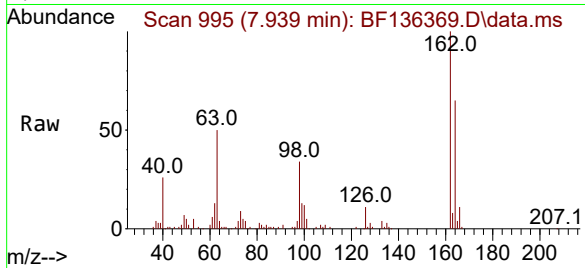
Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 40005     |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 65.4  | 40.3 80.3 |
| 98          | 33.7  | 13.0 53.0 |



#30

1,2,4-Trichlorobenzene

Concen: 7.809 ng

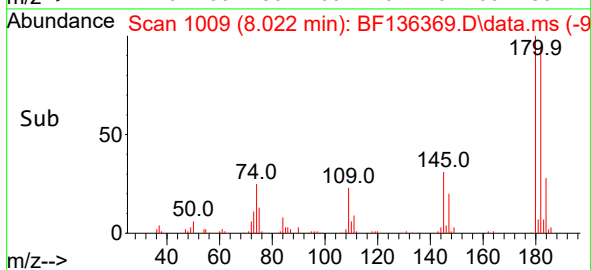
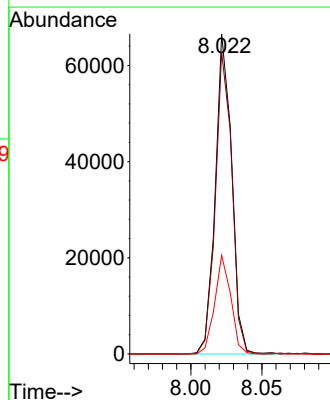
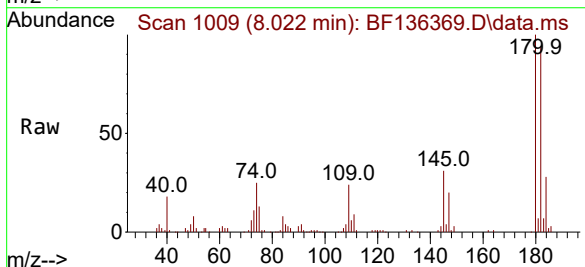
RT: 8.022 min Scan# 1009

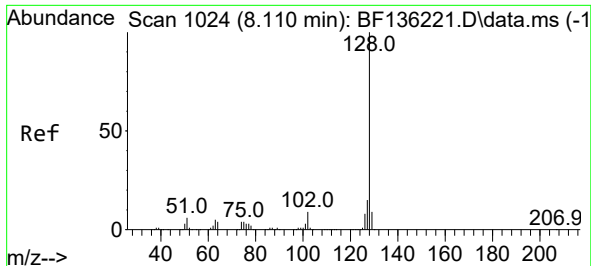
Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 53369      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.4  | 71.6 107.4 |
| 145         | 30.8  | 23.0 34.4  |

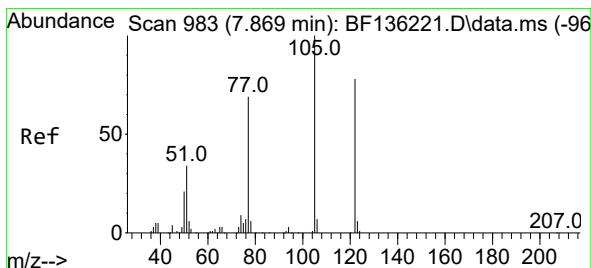
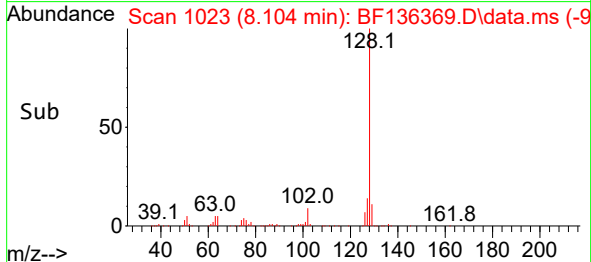
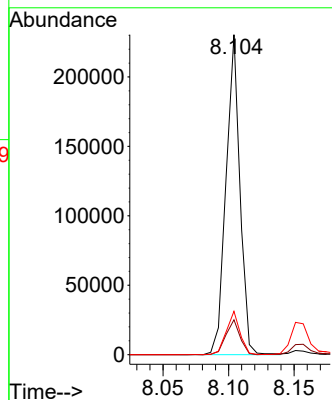
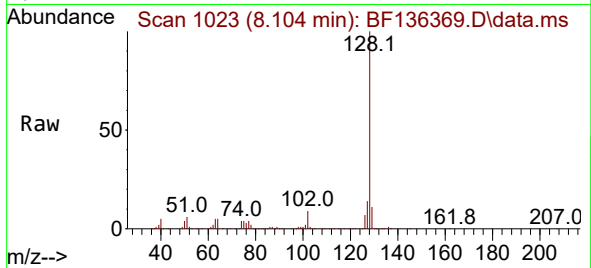




#31  
Naphthalene  
Concen: 7.834 ng  
RT: 8.104 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

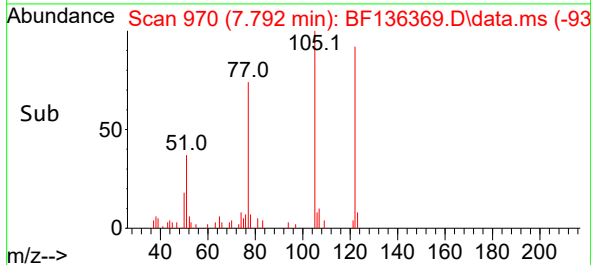
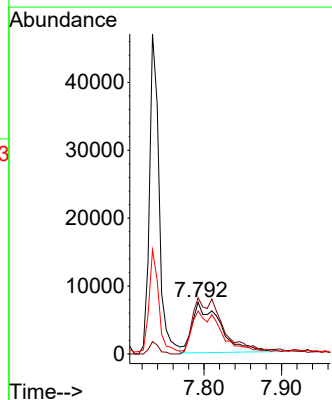
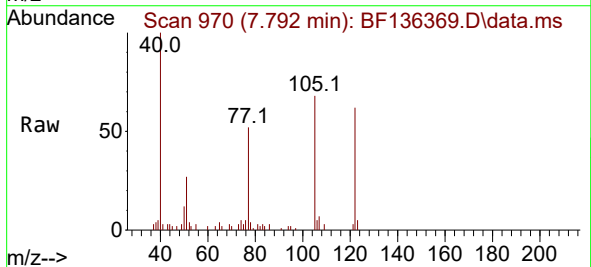
Instrument :  
BNA\_F  
ClientSampleId :

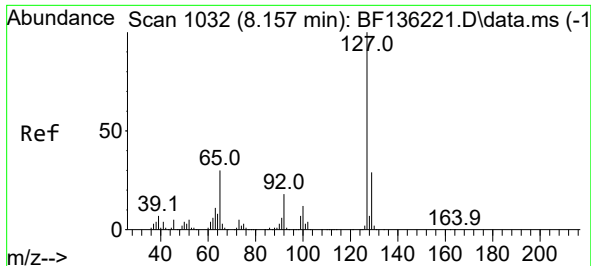
Tgt Ion:128 Resp: 169454  
Ion Ratio Lower Upper  
128 100  
129 10.9 7.3 10.9  
127 13.6 11.8 17.6



#32  
Benzoic acid  
Concen: 4.994 ng  
RT: 7.792 min Scan# 970  
Delta R.T. -0.076 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Tgt Ion:122 Resp: 18838  
Ion Ratio Lower Upper  
122 100  
105 108.8 103.7 143.7  
77 83.1 66.8 106.8



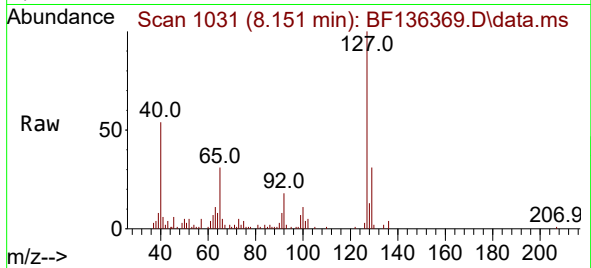


#33  
4-Chloroaniline  
Concen: 3.614 ng  
RT: 8.151 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

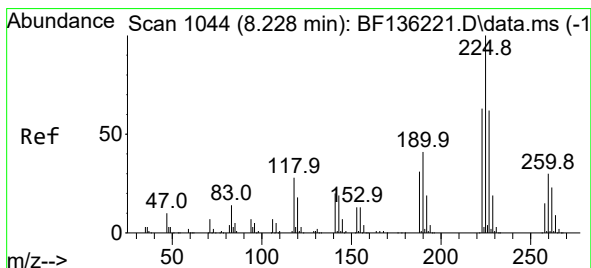
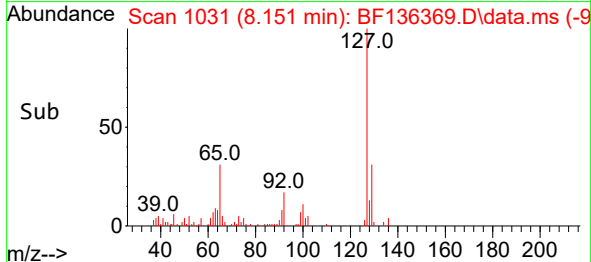
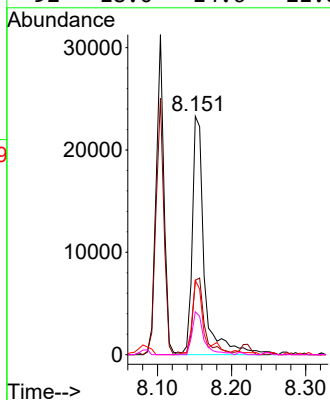
Instrument :

BNA\_F

ClientSampleId :

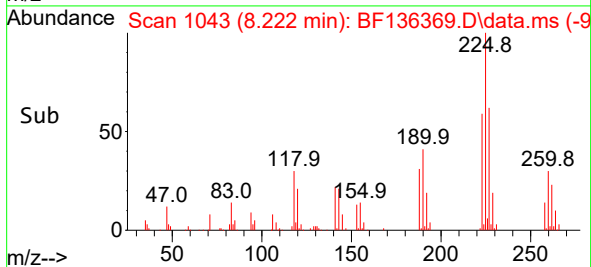
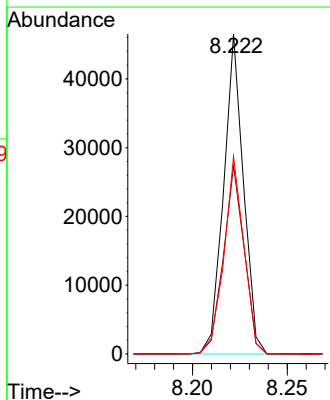
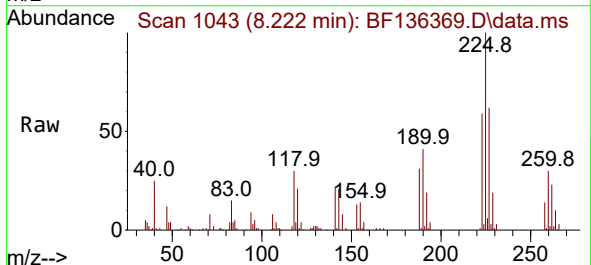


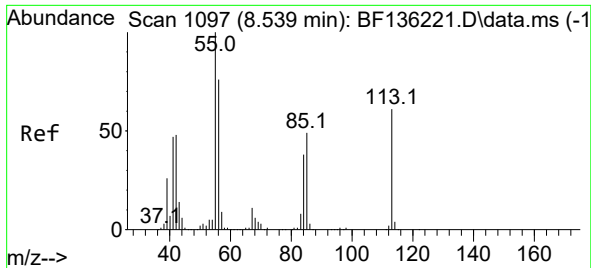
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 26568 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.2  | 23.4  | 35.2  |
| 65       | 31.2  | 23.8  | 35.6  |
| 92       | 18.0  | 14.6  | 21.8  |



#34  
Hexachlorobutadiene  
Concen: 8.456 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

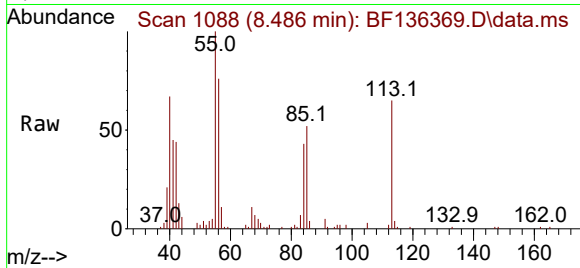
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 33809 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 58.8  | 50.6  | 75.8  |
| 227      | 61.8  | 49.6  | 74.4  |



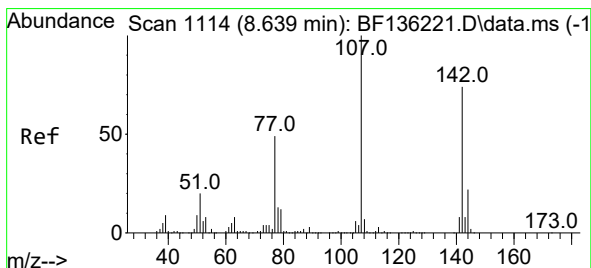
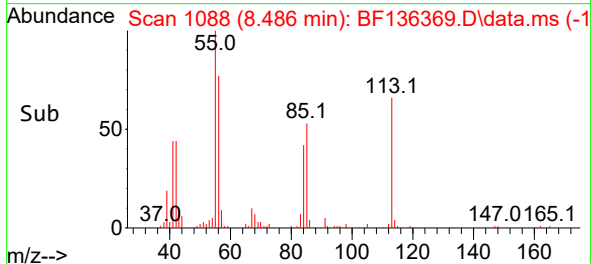
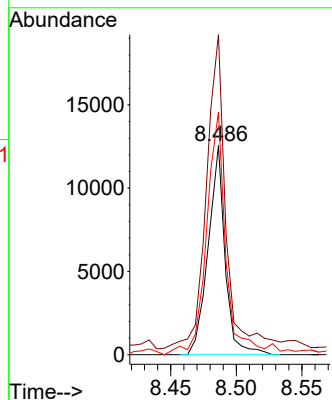


#35  
 Caprolactam  
 Concen: 7.217 ng  
 RT: 8.486 min Scan# 1108  
 Delta R.T. -0.053 min  
 Lab File: BF136369.D  
 Acq: 02 Dec 2023 09:26

Instrument :  
 BNA\_F  
 ClientSampleId :

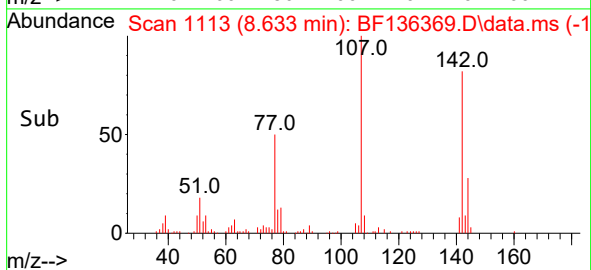
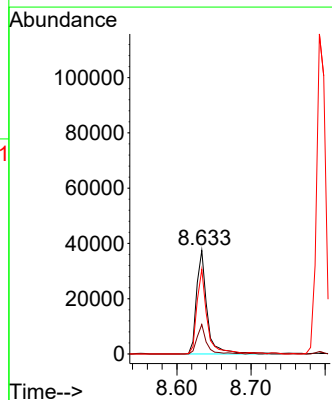
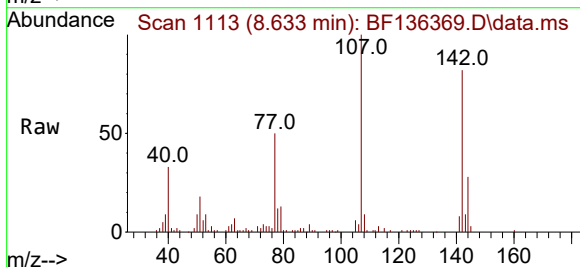


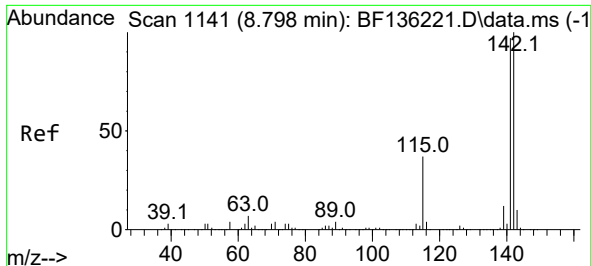
Tgt Ion:113 Resp: 11262  
 Ion Ratio Lower Upper  
 113 100  
 55 153.1 143.1 183.1  
 56 116.0 103.6 143.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 6.127 ng  
 RT: 8.633 min Scan# 1113  
 Delta R.T. -0.006 min  
 Lab File: BF136369.D  
 Acq: 02 Dec 2023 09:26

Tgt Ion:107 Resp: 37094  
 Ion Ratio Lower Upper  
 107 100  
 144 28.4 17.8 26.8#  
 142 81.7 59.4 89.0





#37

2-Methylnaphthalene

Concen: 7.268 ng

RT: 8.792 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

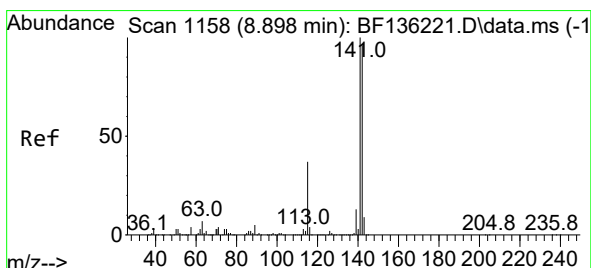
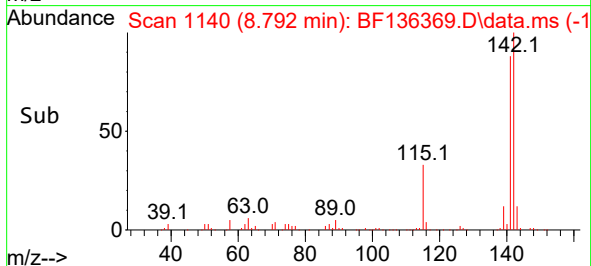
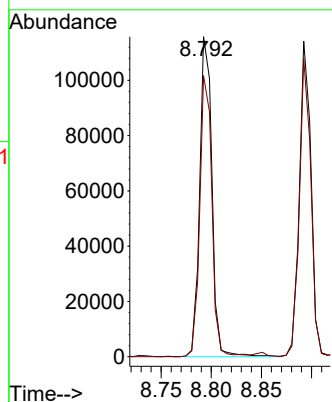
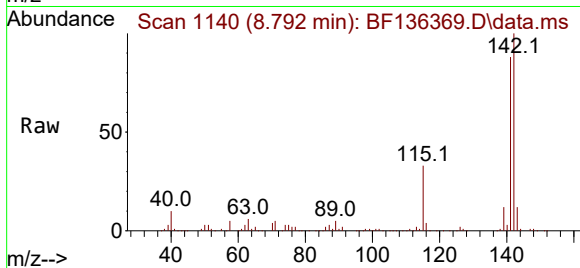
ClientSampleId :

Tgt Ion:142 Resp: 98611

Ion Ratio Lower Upper

142 100

141 87.8 77.8 116.8



#38

1-Methylnaphthalene

Concen: 6.889 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BF136369.D

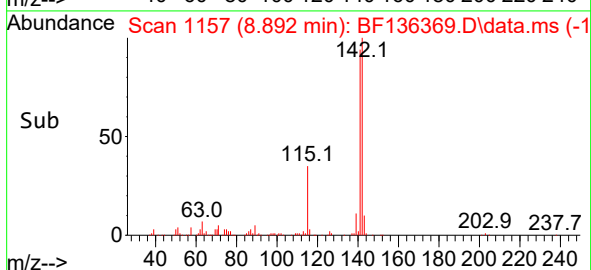
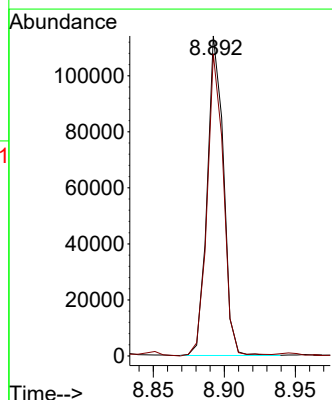
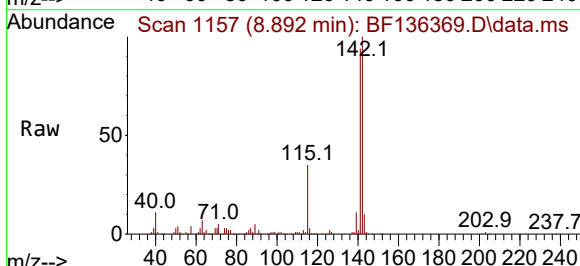
Acq: 02 Dec 2023 09:26

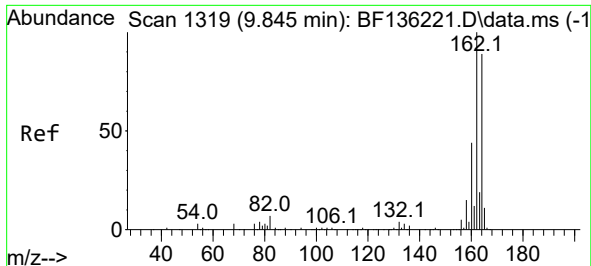
Tgt Ion:142 Resp: 91185

Ion Ratio Lower Upper

142 100

141 94.4 83.8 125.6

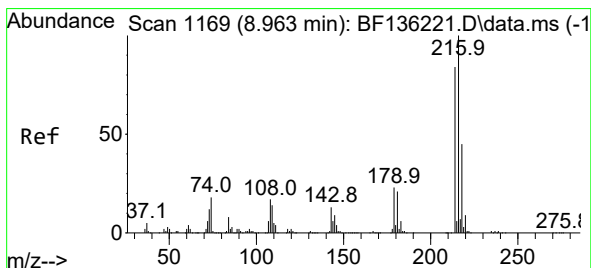
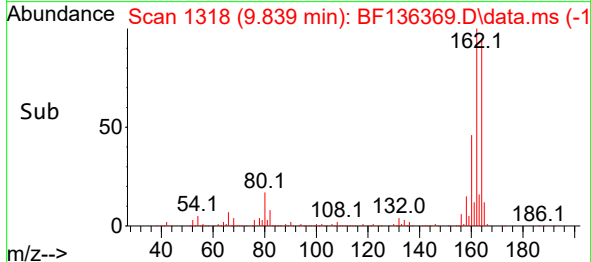
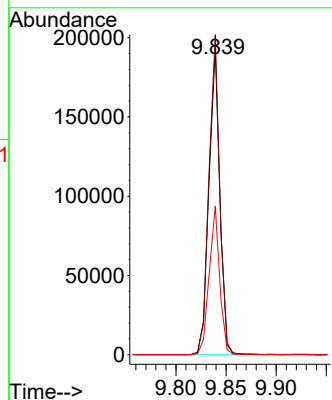
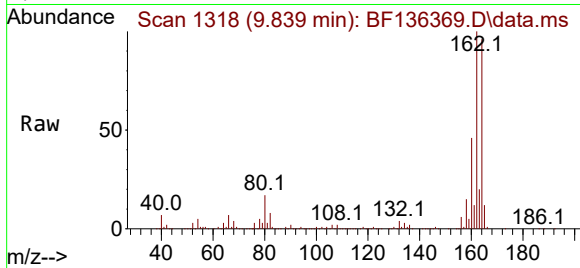




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.839 min Scan# 1118  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

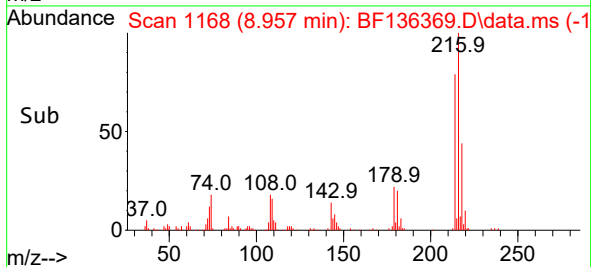
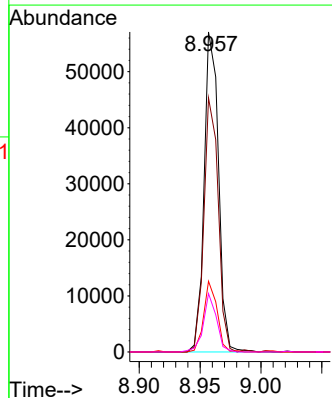
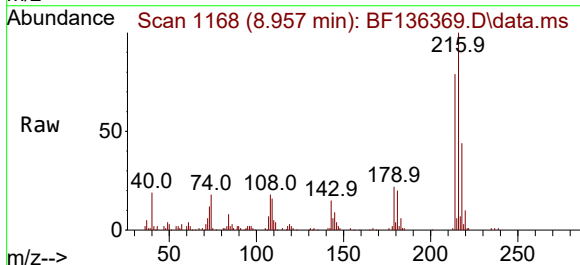
Instrument :  
BNA\_F  
ClientSampleId :

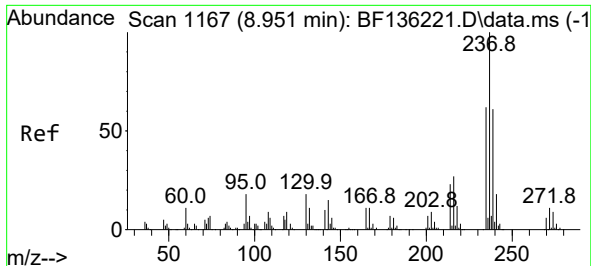
Tgt Ion:164 Resp: 146869  
Ion Ratio Lower Upper  
164 100  
162 104.5 89.5 134.3  
160 48.5 39.6 59.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 10.000 ng  
RT: 8.957 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

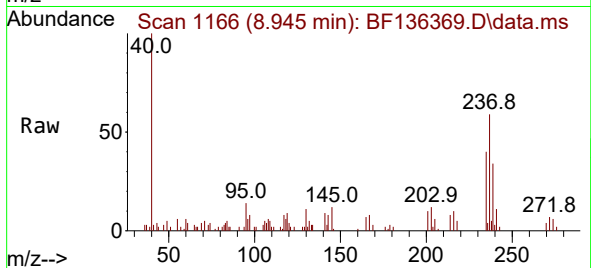
Tgt Ion:216 Resp: 46743  
Ion Ratio Lower Upper  
216 100  
214 79.3 65.8 98.8  
179 20.6 17.4 26.0  
108 16.8 14.1 21.1



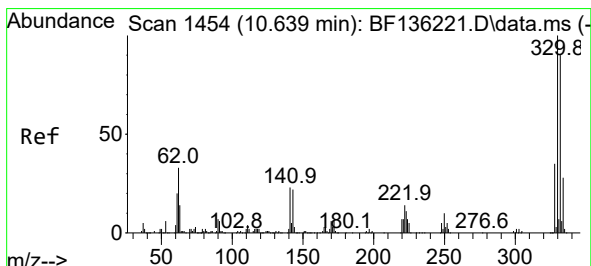
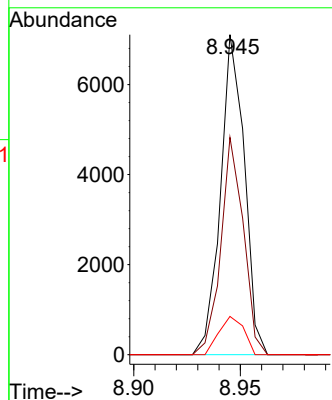
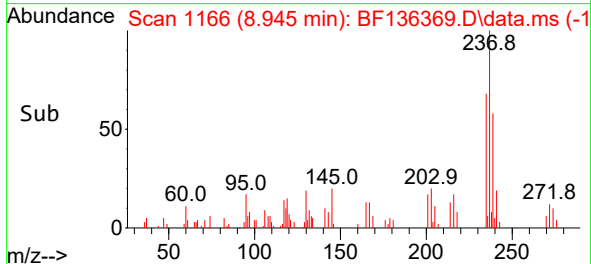


#41  
Hexachlorocyclopentadiene  
Concen: 3.078 ng  
RT: 8.945 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

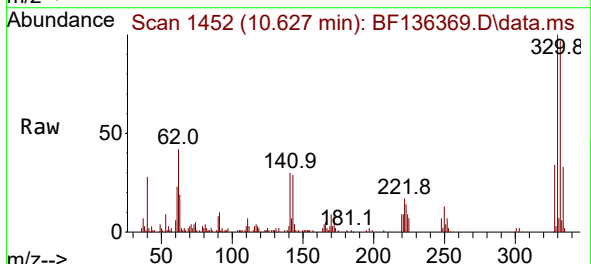
Instrument :  
BNA\_F  
ClientSampleId :



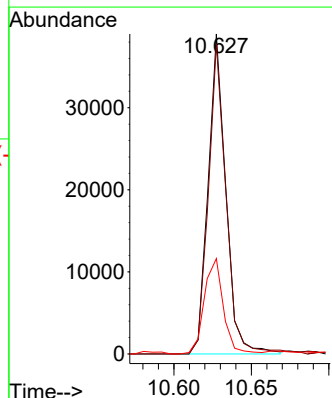
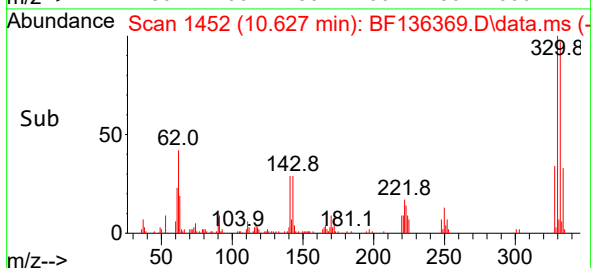
Tgt Ion:237 Resp: 5535  
Ion Ratio Lower Upper  
237 100  
235 67.9 42.1 82.1  
272 12.0 0.0 31.0

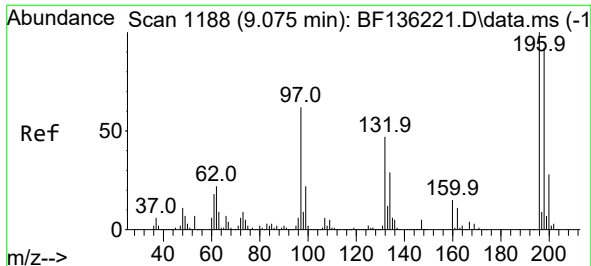


#42  
2,4,6-Tribromophenol  
Concen: 17.230 ng  
RT: 10.627 min Scan# 1452  
Delta R.T. -0.012 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26



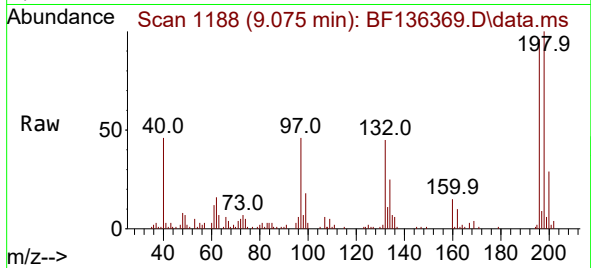
Tgt Ion:330 Resp: 30938  
Ion Ratio Lower Upper  
330 100  
332 97.1 73.0 109.6  
141 32.2 24.2 36.2



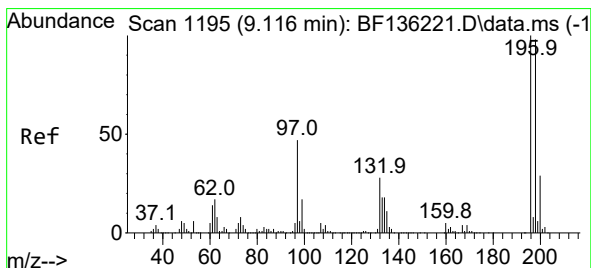
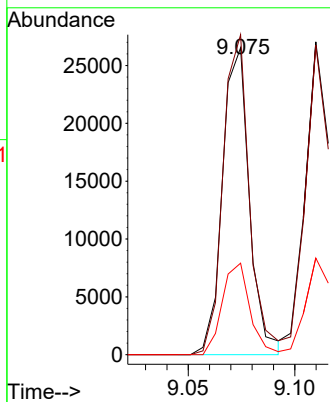
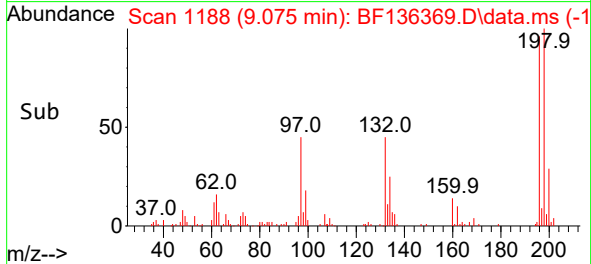


#43  
2,4,6-Trichlorophenol  
Concen: 7.713 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. -0.000 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

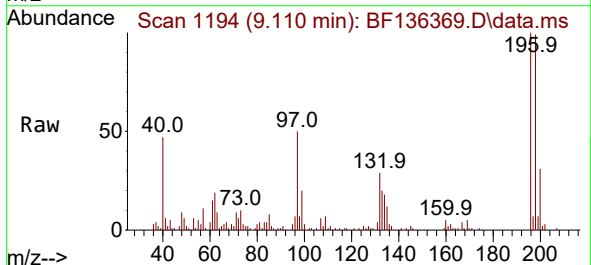
Instrument :  
BNA\_F  
ClientSampleId :



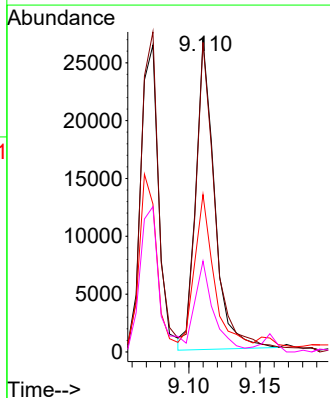
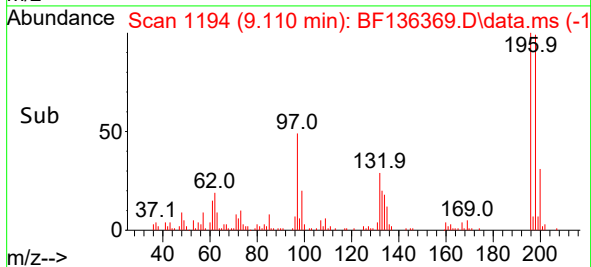
Tgt Ion:196 Resp: 23399  
Ion Ratio Lower Upper  
196 100  
198 104.3 73.2 109.8  
200 29.8 22.4 33.6

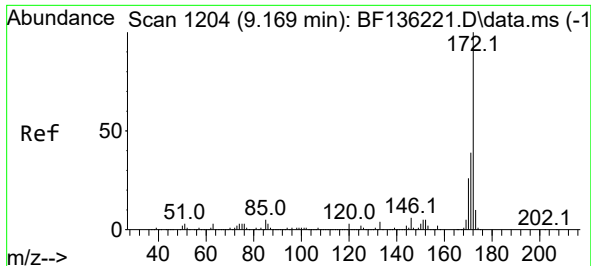


#44  
2,4,5-Trichlorophenol  
Concen: 7.447 ng  
RT: 9.110 min Scan# 1194  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26



Tgt Ion:196 Resp: 24654  
Ion Ratio Lower Upper  
196 100  
198 99.0 78.8 118.2  
97 50.3 37.8 56.8  
132 29.0 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 14.510 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :

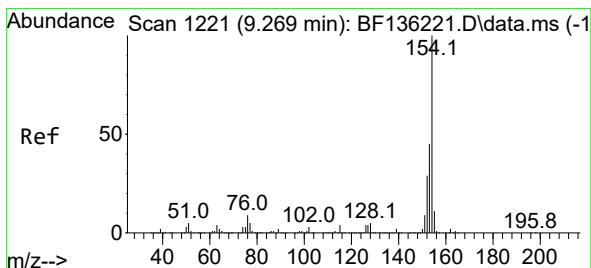
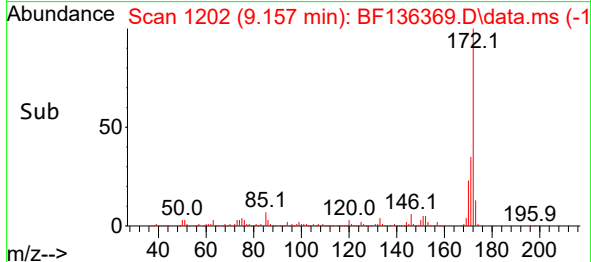
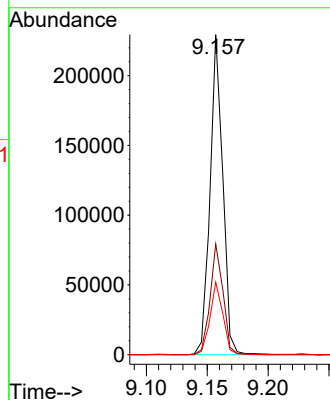
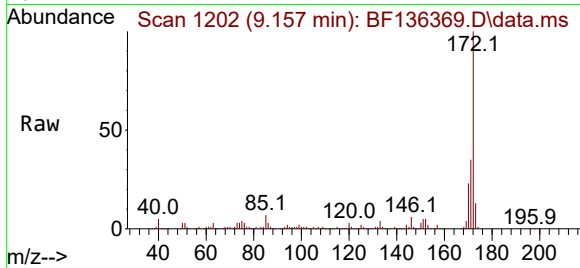
Tgt Ion:172 Resp: 166837

Ion Ratio Lower Upper

172 100

171 34.6 31.5 47.3

170 22.6 20.8 31.2



#46

1,1'-Biphenyl

Concen: 9.403 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

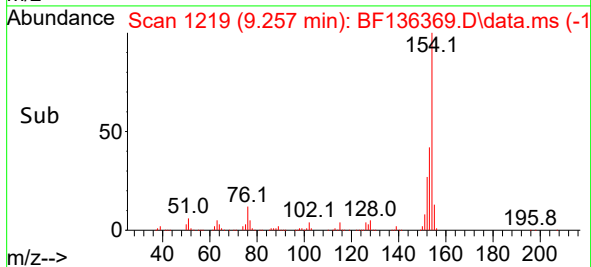
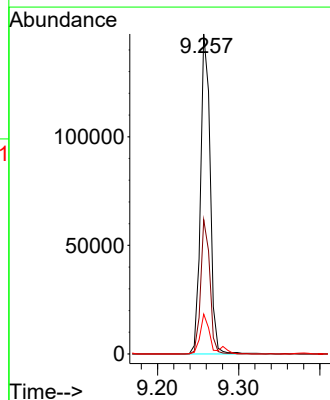
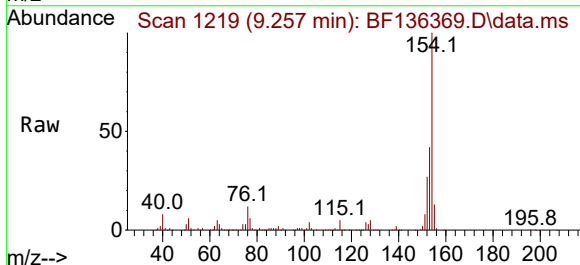
Tgt Ion:154 Resp: 121783

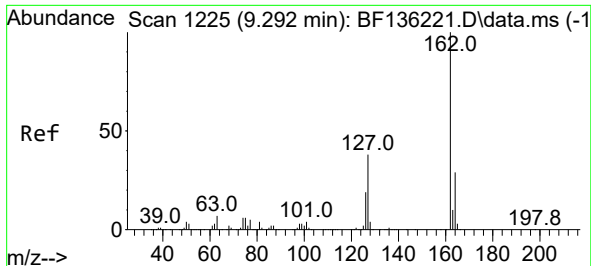
Ion Ratio Lower Upper

154 100

153 42.0 24.6 64.6

76 12.4 0.0 29.4





#47

2-Chloronaphthalene

Concen: 8.420 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.012 min

Lab File: BF136369.D

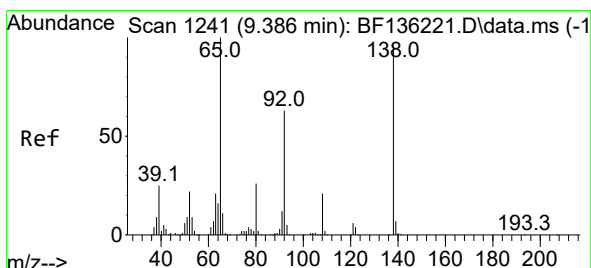
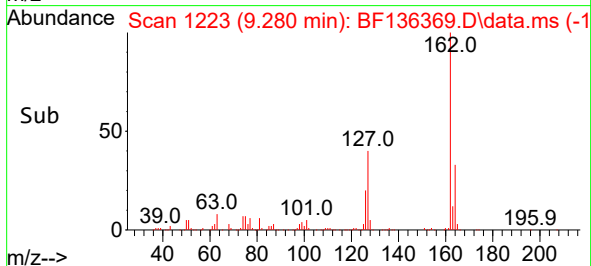
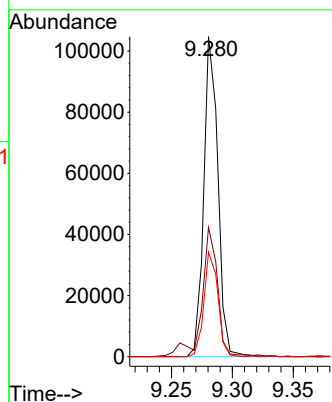
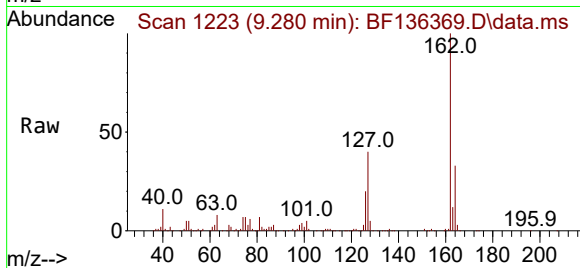
Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 84692     |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 127         | 40.4  | 30.2 45.2 |
| 164         | 32.7  | 22.8 34.2 |



#48

2-Nitroaniline

Concen: 7.918 ng

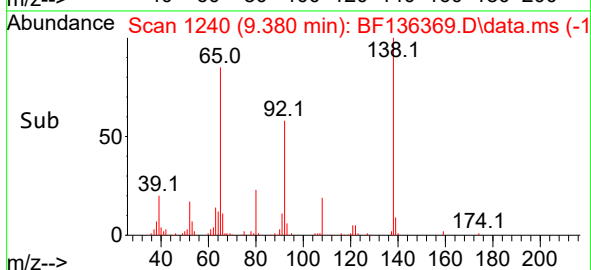
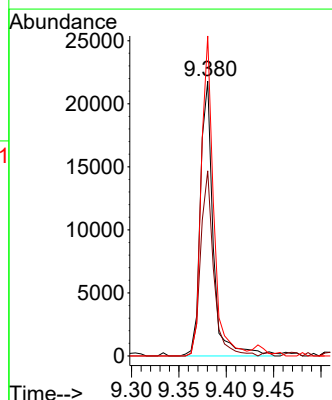
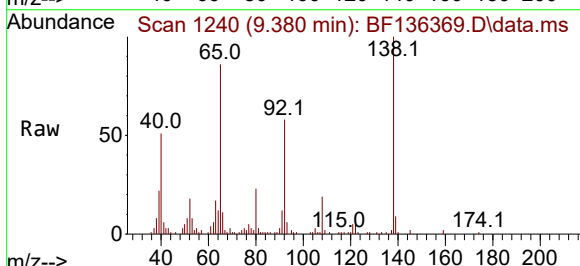
RT: 9.380 min Scan# 1240

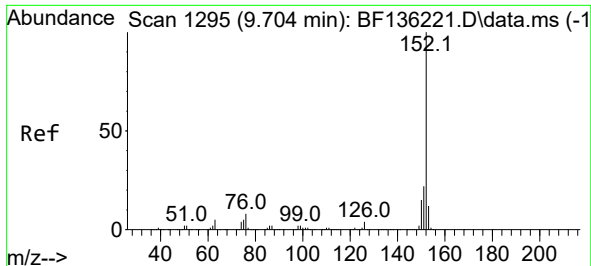
Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 65 | Resp: | 20792       |
| Ion Ratio   | Lower | Upper       |
| 65          | 100   |             |
| 92          | 67.4  | 50.6 75.8   |
| 138         | 116.4 | 76.7 115.1# |





#49

Acenaphthylene

Concen: 8.804 ng

RT: 9.698 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :

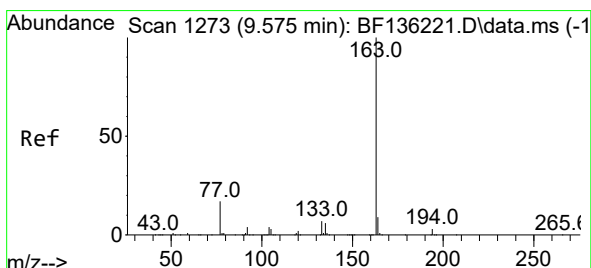
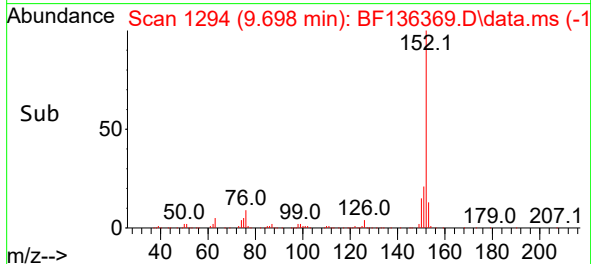
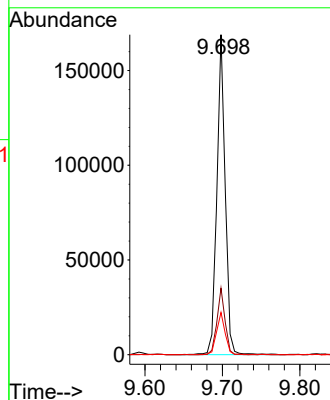
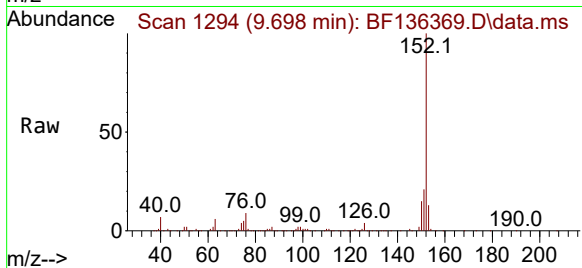
Tgt Ion:152 Resp: 126370

Ion Ratio Lower Upper

152 100

151 20.8 17.5 26.3

153 13.2 9.6 14.4



#50

Dimethylphthalate

Concen: 8.530 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.018 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

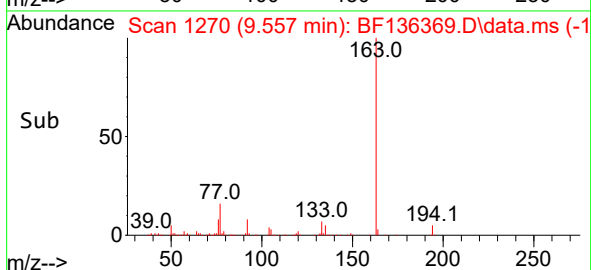
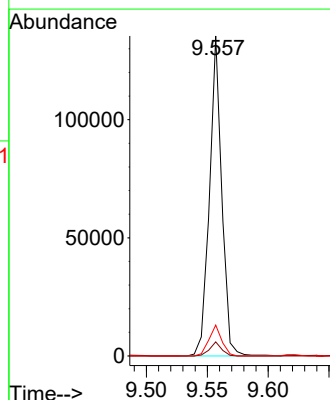
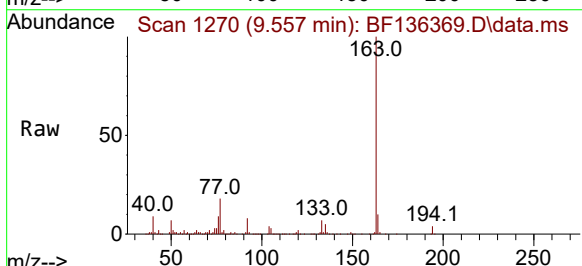
Tgt Ion:163 Resp: 94687

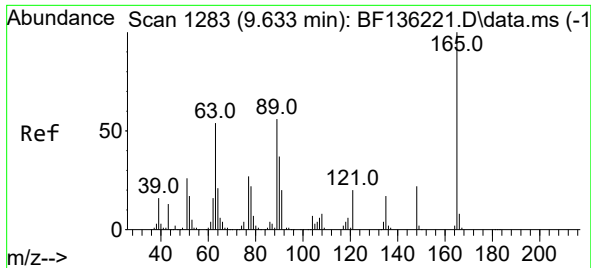
Ion Ratio Lower Upper

163 100

194 4.4 2.5 3.7#

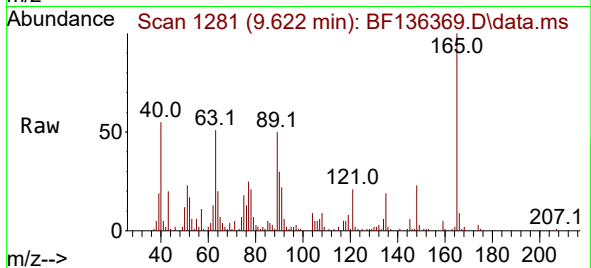
164 9.7 7.0 10.6



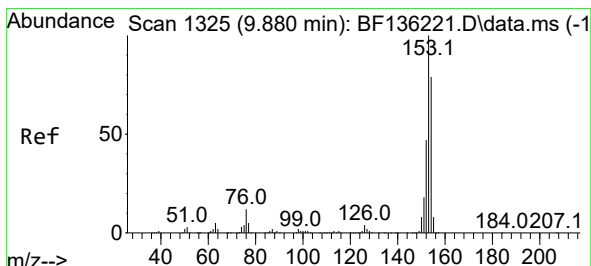
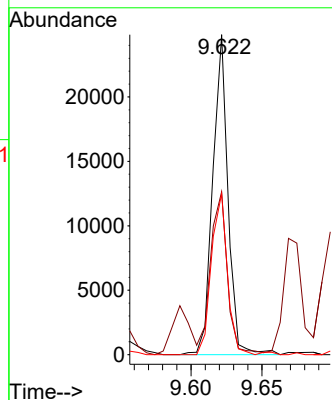
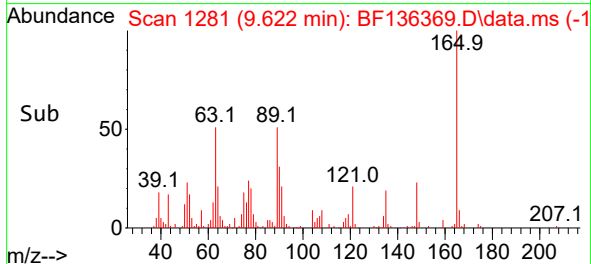


#51  
2,6-Dinitrotoluene  
Concen: 8.163 ng  
RT: 9.622 min Scan# 1281  
Delta R.T. -0.012 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

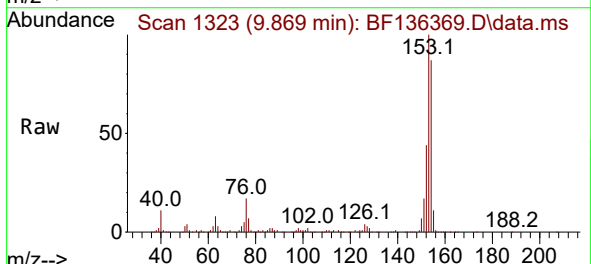
Instrument :  
BNA\_F  
ClientSampleId :



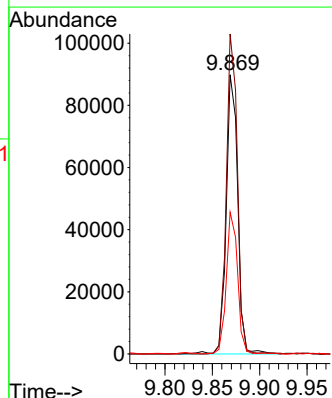
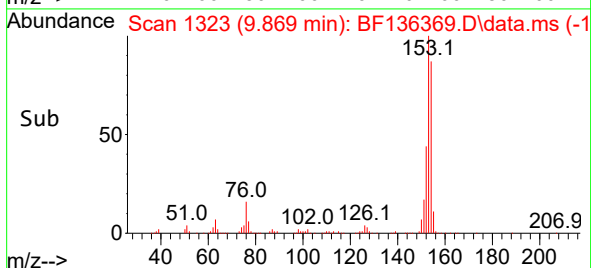
Tgt Ion:165 Resp: 18512  
Ion Ratio Lower Upper  
165 100  
63 50.9 46.2 69.2  
89 50.3 44.9 67.3

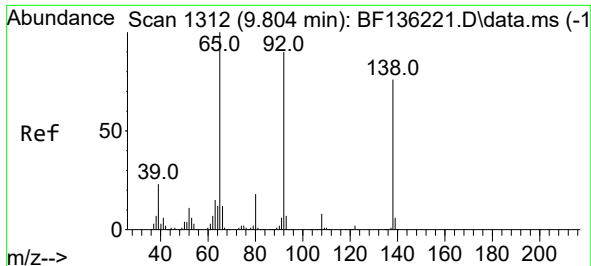


#52  
Acenaphthene  
Concen: 8.378 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.012 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26



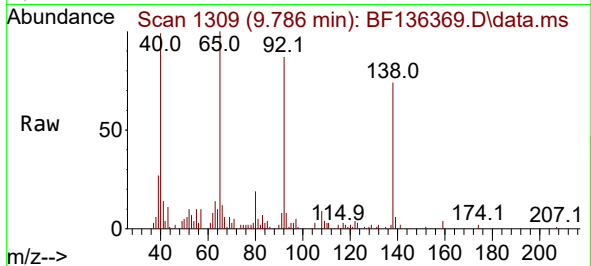
Tgt Ion:154 Resp: 75997  
Ion Ratio Lower Upper  
154 100  
153 114.6 100.8 151.2  
152 50.8 47.0 70.6



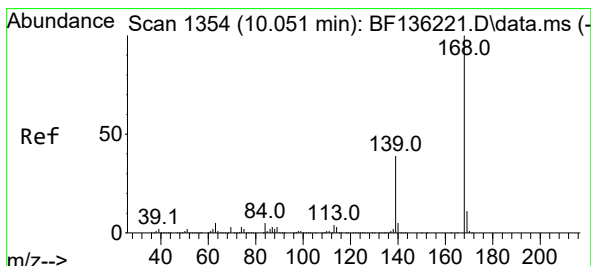
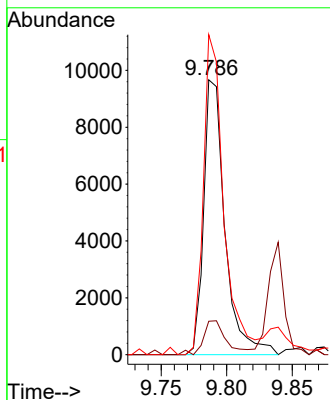
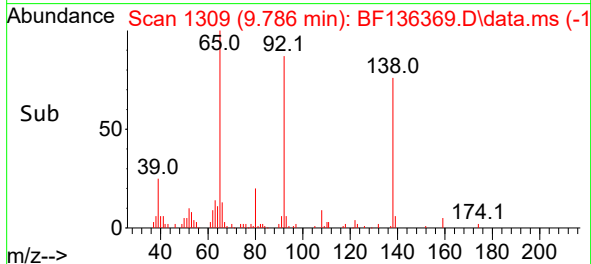


#53  
3-Nitroaniline  
Concen: 4.869 ng  
RT: 9.786 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Instrument :  
BNA\_F  
ClientSampleId :

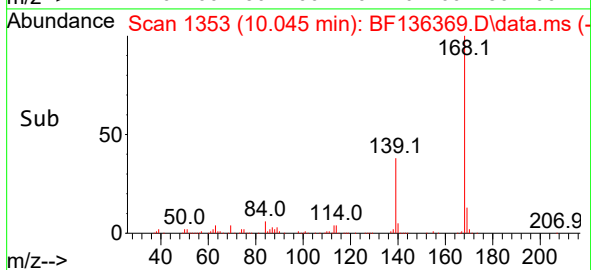
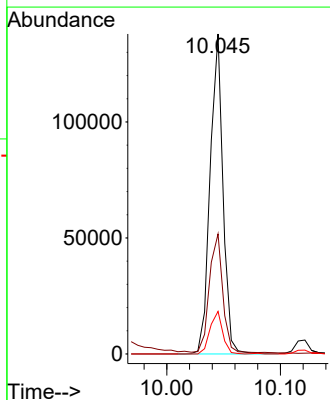
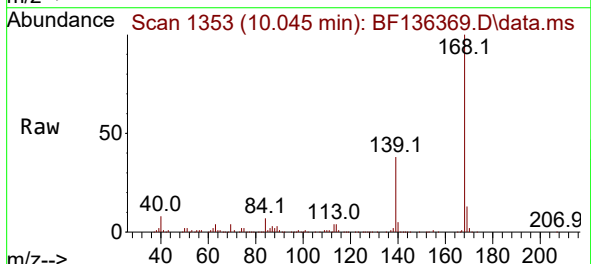


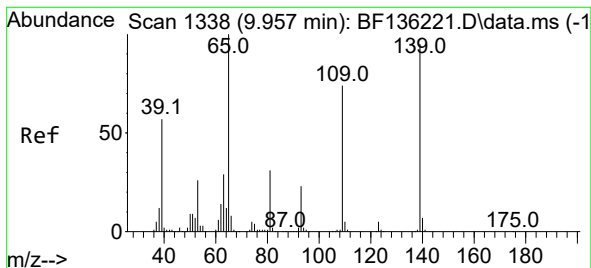
Tgt Ion:138 Resp: 10956  
Ion Ratio Lower Upper  
138 100  
108 12.2 8.7 13.1  
92 116.4 94.2 141.4



#55  
Dibenzofuran  
Concen: 8.034 ng  
RT: 10.045 min Scan# 1353  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Tgt Ion:168 Resp: 108443  
Ion Ratio Lower Upper  
168 100  
139 37.5 30.9 46.3  
169 13.3 9.1 13.7

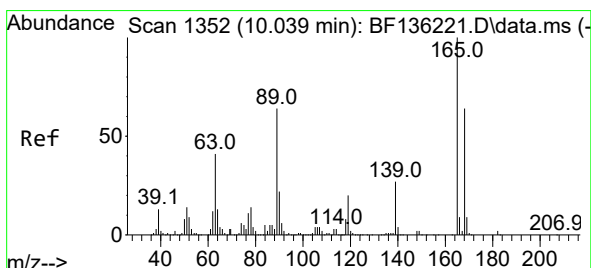
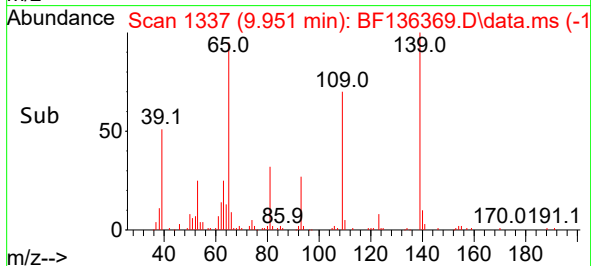
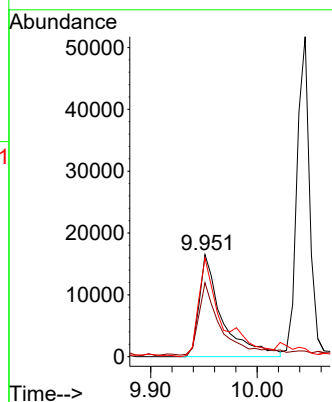
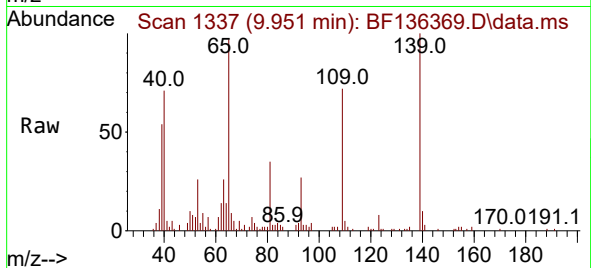




#56  
4-Nitrophenol  
Concen: 14.433 ng  
RT: 9.951 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

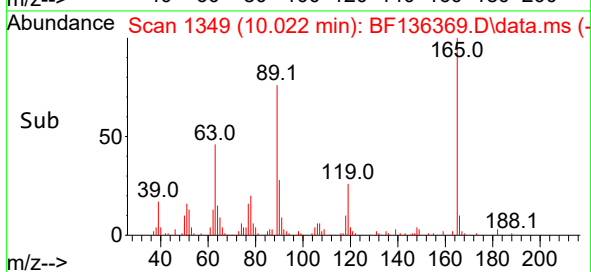
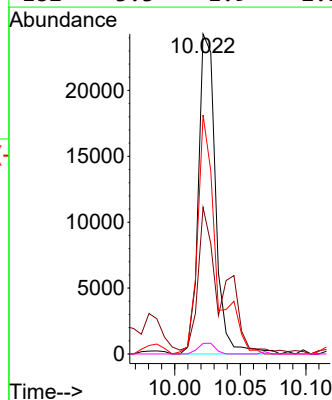
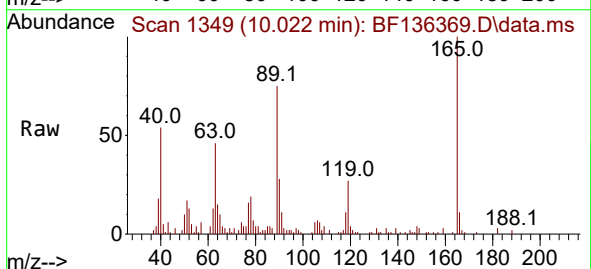
Instrument :  
BNA\_F  
ClientSampleId :

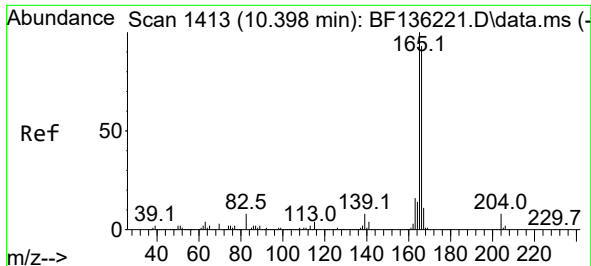
Tgt Ion:139 Resp: 24666  
Ion Ratio Lower Upper  
139 100  
109 72.4 57.8 97.8  
65 96.5 86.0 126.0



#57  
2,4-Dinitrotoluene  
Concen: 7.354 ng  
RT: 10.022 min Scan# 1349  
Delta R.T. -0.018 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

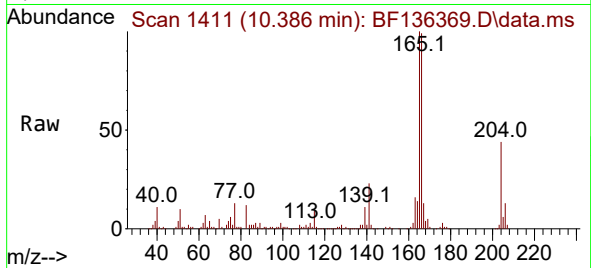
Tgt Ion:165 Resp: 22276  
Ion Ratio Lower Upper  
165 100  
63 45.8 33.0 49.4  
89 74.6 51.5 77.3  
182 3.3 1.9 2.9#



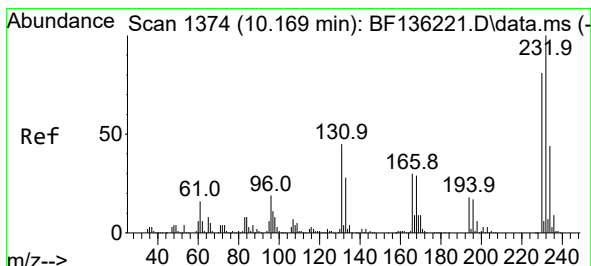
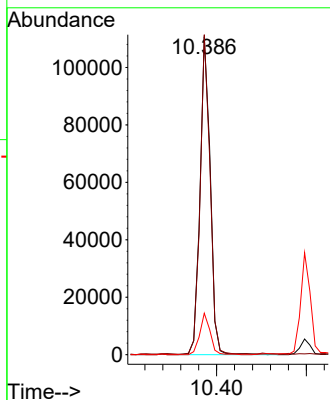
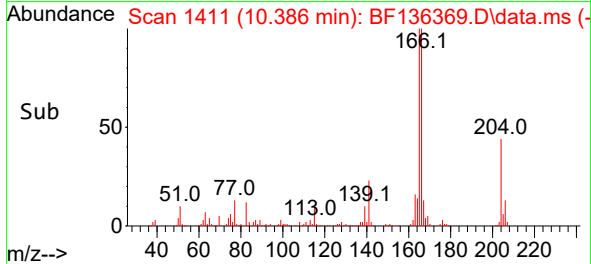


#58  
Fluorene  
Concen: 8.256 ng  
RT: 10.386 min Scan# 1413  
Delta R.T. -0.012 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

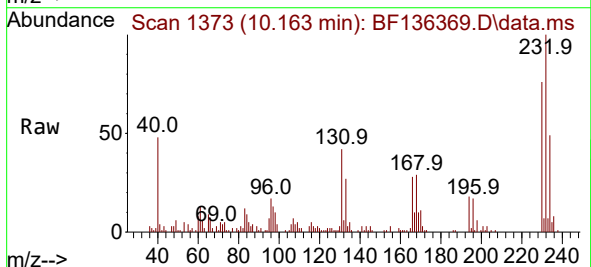
Instrument :  
BNA\_F  
ClientSampleId :



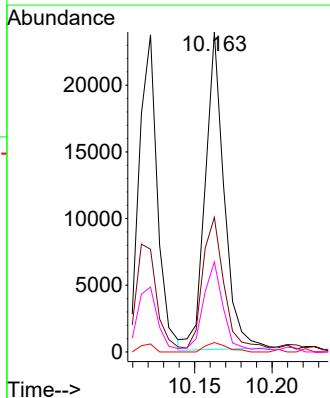
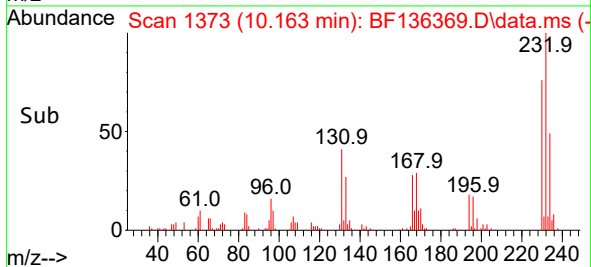
Tgt Ion:166 Resp: 87404  
Ion Ratio Lower Upper  
166 100  
165 100.6 86.2 129.4  
167 13.0 9.1 13.7

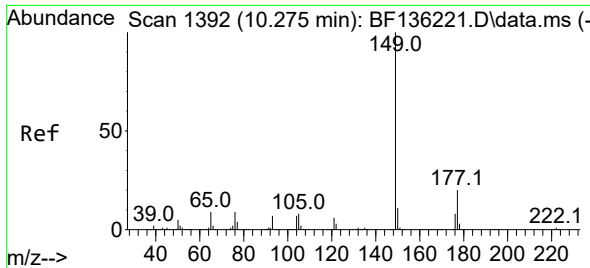


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 7.672 ng  
RT: 10.163 min Scan# 1373  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26



Tgt Ion:232 Resp: 20210  
Ion Ratio Lower Upper  
232 100  
131 46.9 36.4 54.6  
130 3.4 1.9 2.9#  
166 28.8 23.9 35.9

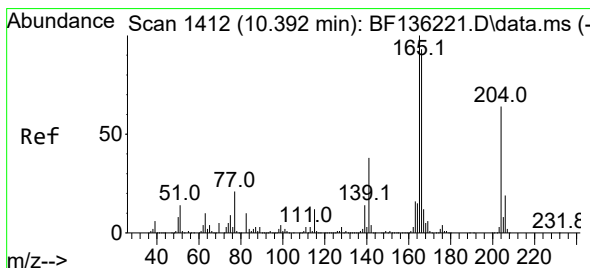
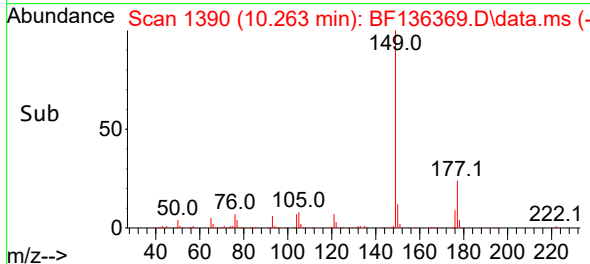
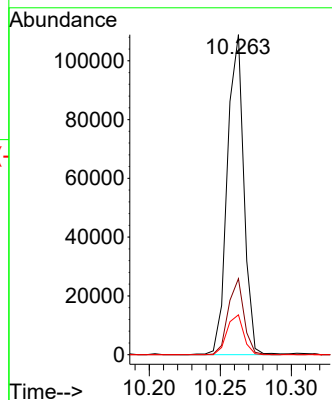
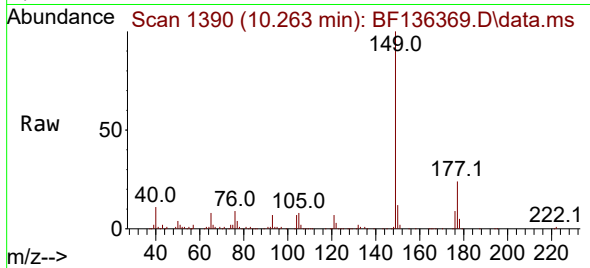




#60  
Diethylphthalate  
Concen: 7.899 ng  
RT: 10.263 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

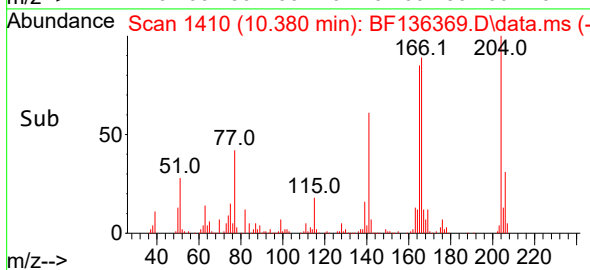
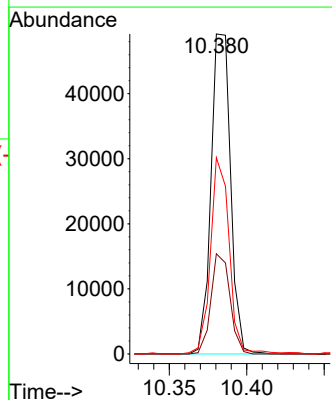
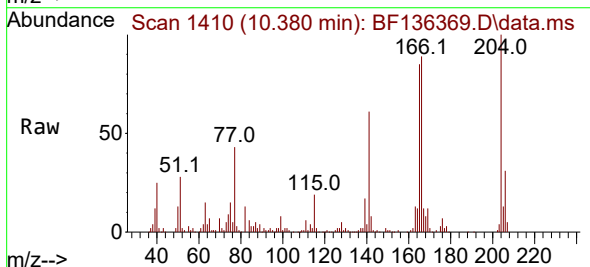
Instrument :  
BNA\_F  
ClientSampleId :

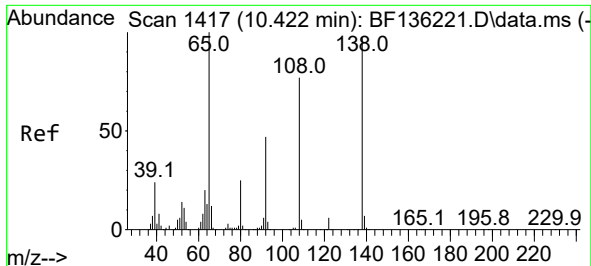
Tgt Ion:149 Resp: 87710  
Ion Ratio Lower Upper  
149 100  
177 23.7 15.8 23.6#  
150 12.4 8.8 13.2



#61  
4-Chlorophenyl-phenylether  
Concen: 8.412 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. -0.012 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Tgt Ion:204 Resp: 43250  
Ion Ratio Lower Upper  
204 100  
206 31.3 23.4 35.0  
141 61.4 47.6 71.4

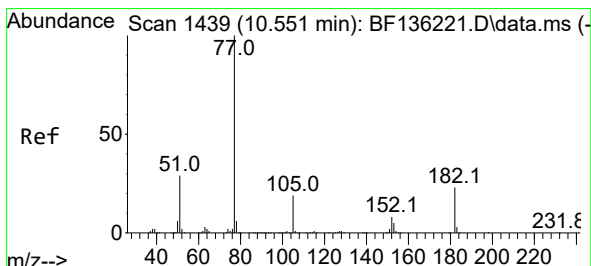
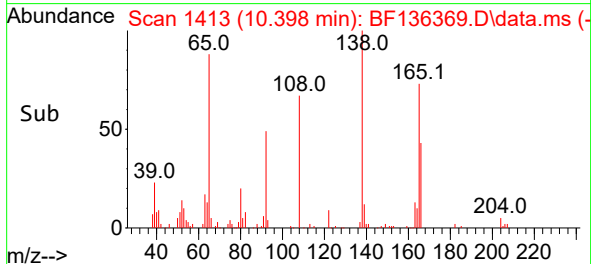
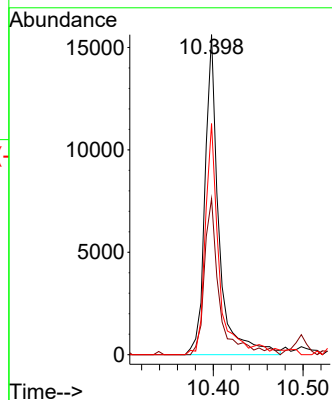
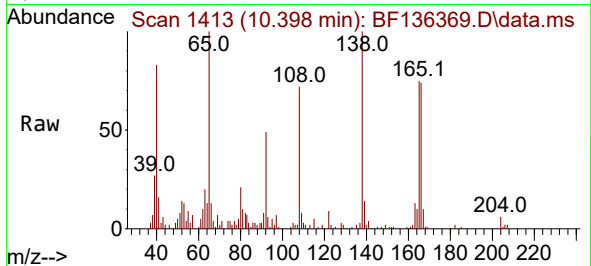




#62  
4-Nitroaniline  
Concen: 7.629 ng  
RT: 10.398 min Scan# 1417  
Delta R.T. -0.024 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

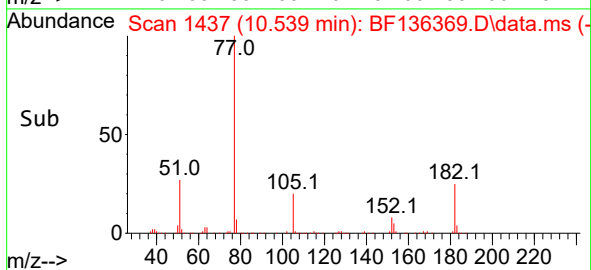
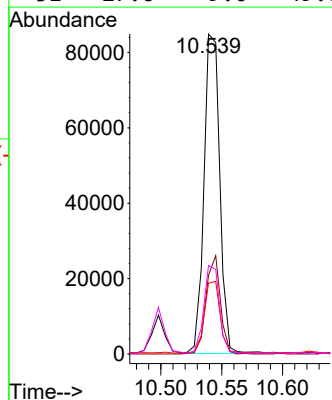
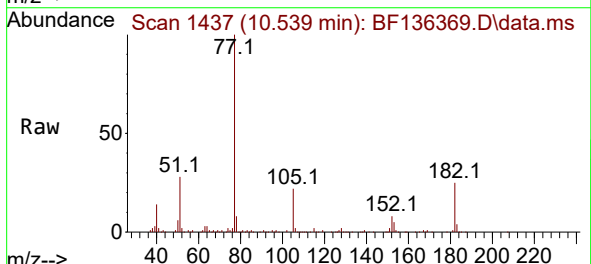
Instrument :  
BNA\_F  
ClientSampleId :

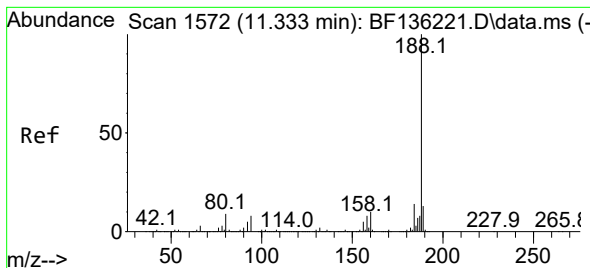
Tgt Ion:138 Resp: 16803  
Ion Ratio Lower Upper  
138 100  
92 48.8 28.5 68.5  
108 72.2 59.8 99.8



#63  
Azobenzene  
Concen: 7.424 ng  
RT: 10.539 min Scan# 1437  
Delta R.T. -0.012 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Tgt Ion: 77 Resp: 76425  
Ion Ratio Lower Upper  
77 100  
182 24.6 3.3 43.3  
105 22.2 0.0 39.5  
51 27.6 9.0 49.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :

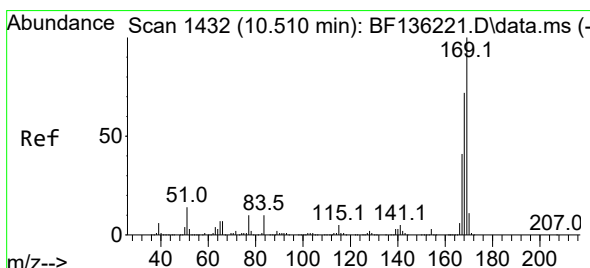
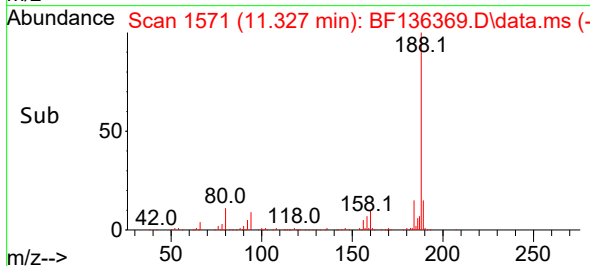
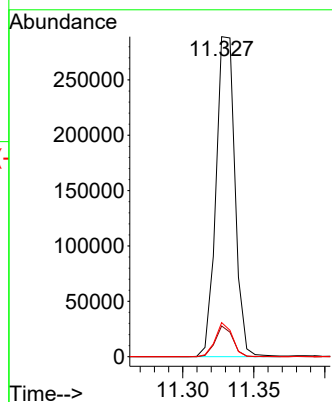
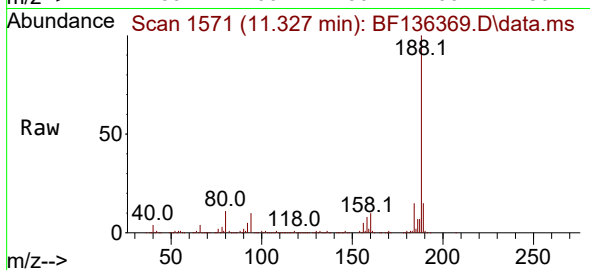
Tgt Ion:188 Resp: 268232

Ion Ratio Lower Upper

188 100

94 9.6 6.7 10.1

80 10.7 7.2 10.8



#66

n-Nitrosodiphenylamine

Concen: 8.550 ng

RT: 10.498 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

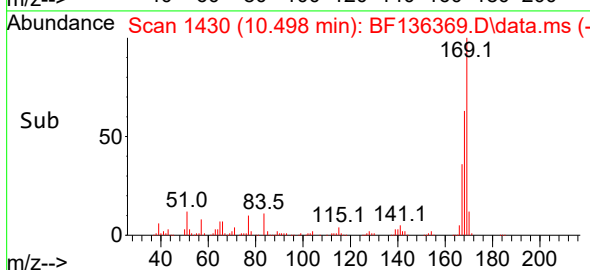
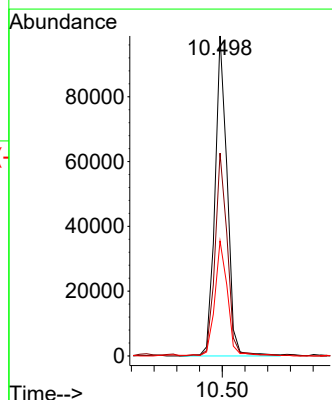
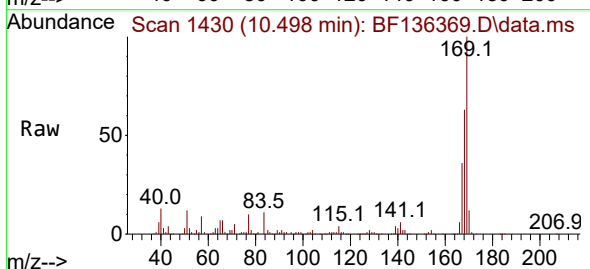
Tgt Ion:169 Resp: 73497

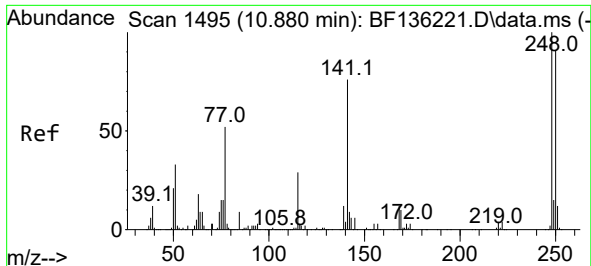
Ion Ratio Lower Upper

169 100

168 63.4 57.8 86.6

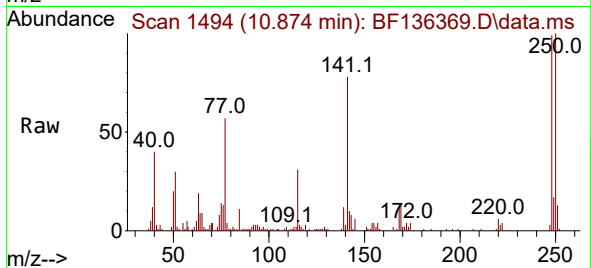
167 35.9 32.7 49.1



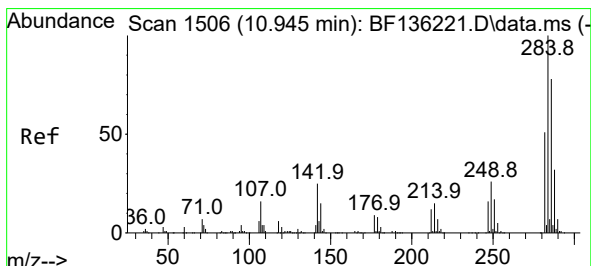
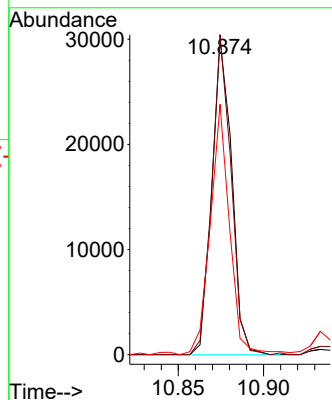
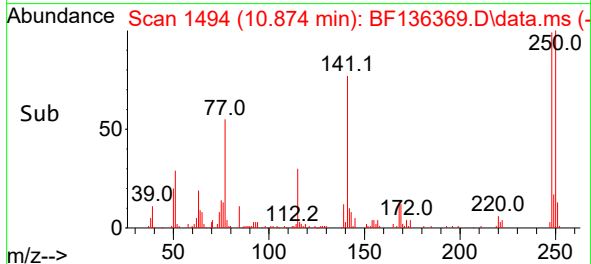


#67  
4-Bromophenyl-phenylether  
Concen: 7.776 ng  
RT: 10.874 min Scan# 1494  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

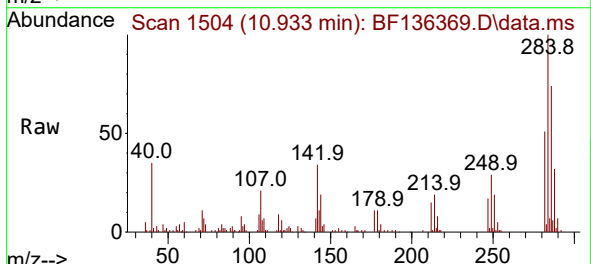
Instrument :  
BNA\_F  
ClientSampleId :



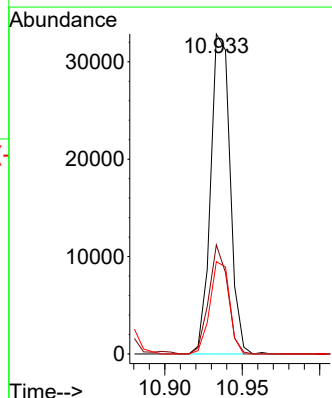
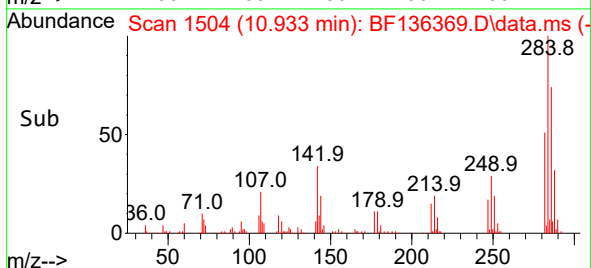
Tgt Ion:248 Resp: 24333  
Ion Ratio Lower Upper  
248 100  
250 101.4 72.5 108.7  
141 79.4 60.8 91.2

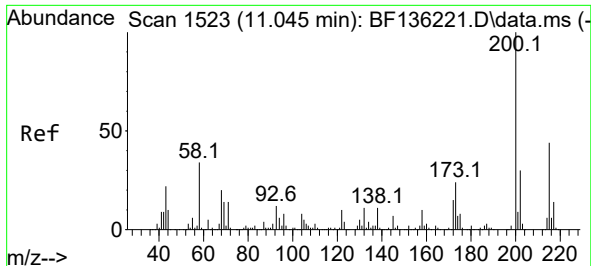


#68  
Hexachlorobenzene  
Concen: 7.931 ng  
RT: 10.933 min Scan# 1504  
Delta R.T. -0.012 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26



Tgt Ion:284 Resp: 28724  
Ion Ratio Lower Upper  
284 100  
142 34.1 19.8 29.8#  
249 28.9 21.0 31.4

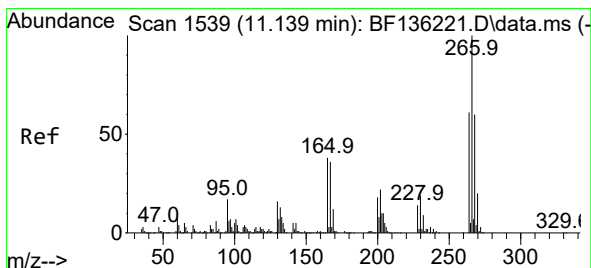
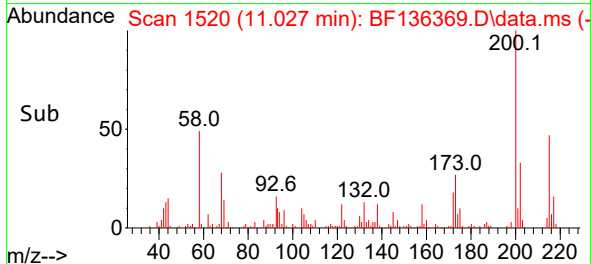
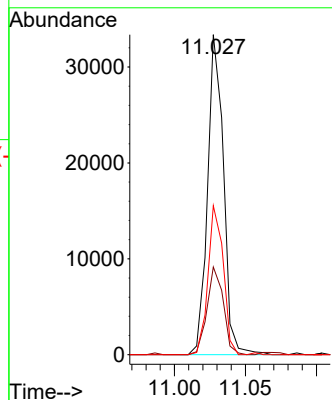
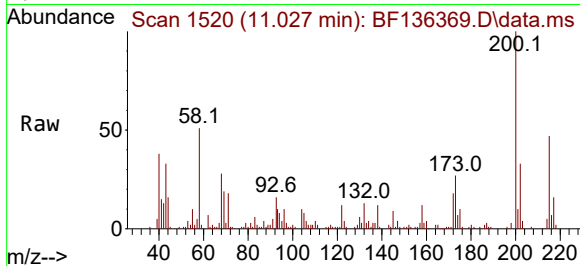




#69  
Atrazine  
Concen: 10.243 ng  
RT: 11.027 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

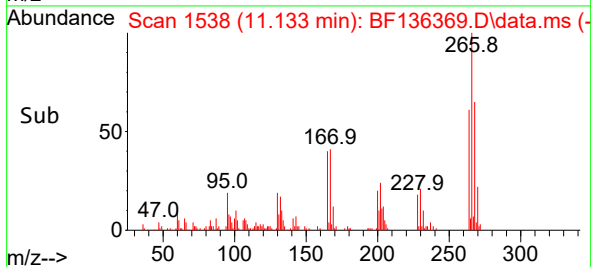
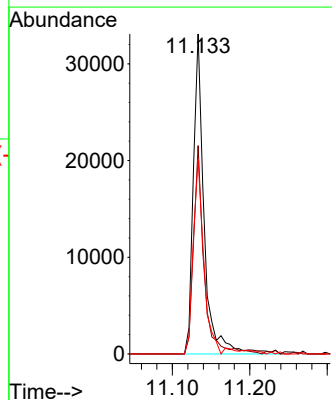
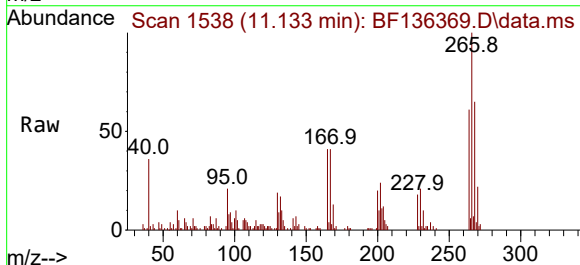
Instrument :  
BNA\_F  
ClientSampleId :

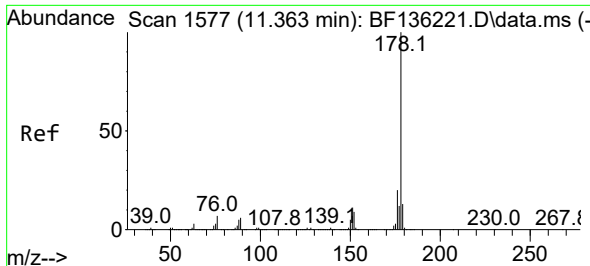
Tgt Ion:200 Resp: 26118  
Ion Ratio Lower Upper  
200 100  
173 27.4 4.3 44.3  
215 46.5 23.8 63.8



#70  
Pentachlorophenol  
Concen: 15.731 ng  
RT: 11.133 min Scan# 1538  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Tgt Ion:266 Resp: 32206  
Ion Ratio Lower Upper  
266 100  
268 65.1 47.9 71.9  
264 60.9 49.1 73.7

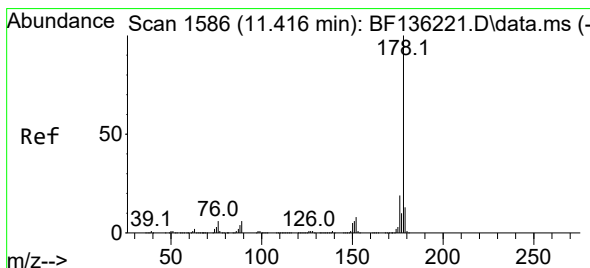
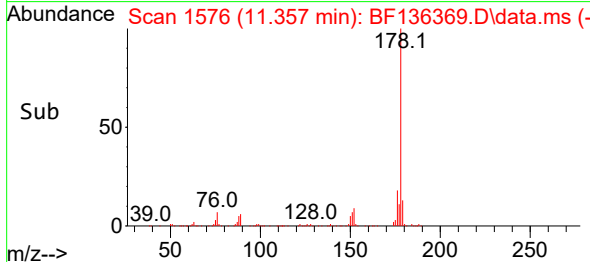
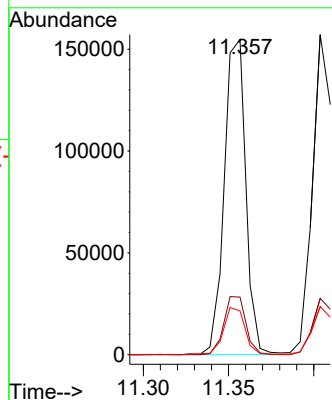
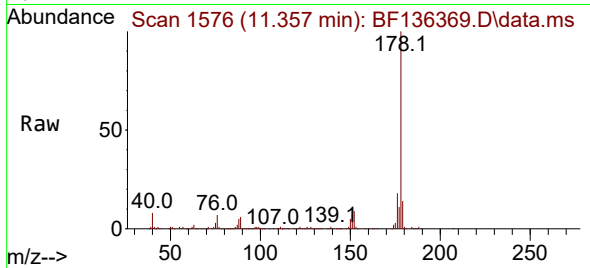




#71  
Phenanthrene  
Concen: 9.042 ng  
RT: 11.357 min Scan# 1577  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

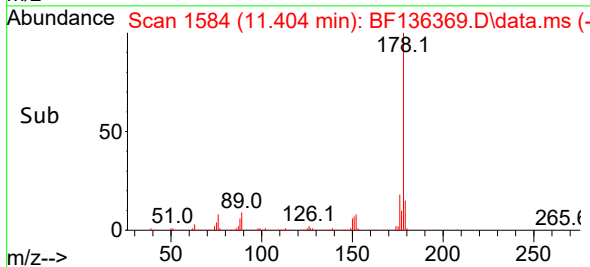
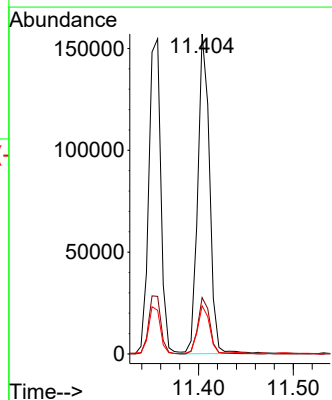
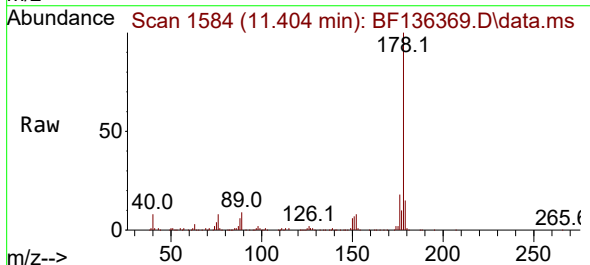
Instrument :  
BNA\_F  
ClientSampleId :

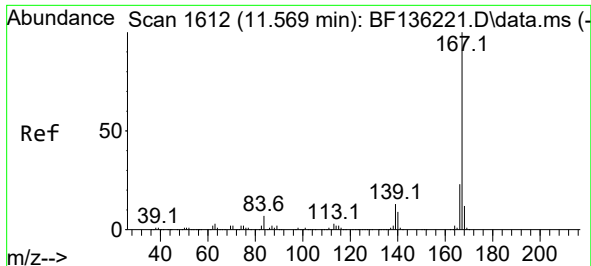
Tgt Ion:178 Resp: 136314  
Ion Ratio Lower Upper  
178 100  
176 18.3 16.2 24.2  
179 13.9 10.3 15.5



#72  
Anthracene  
Concen: 8.990 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. -0.012 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

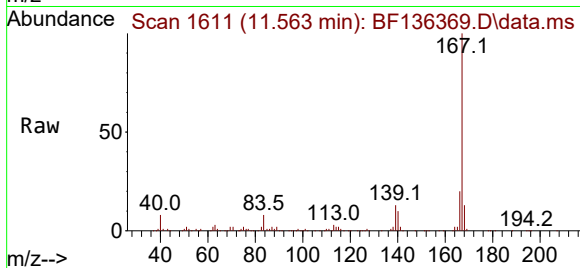
Tgt Ion:178 Resp: 135913  
Ion Ratio Lower Upper  
178 100  
176 17.6 15.5 23.3  
179 15.0 10.5 15.7



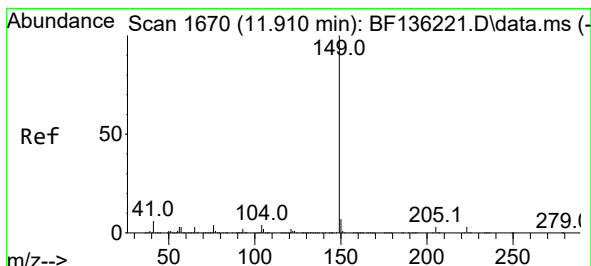
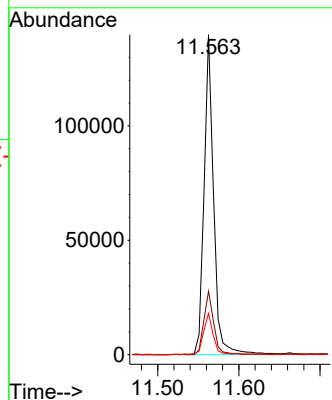
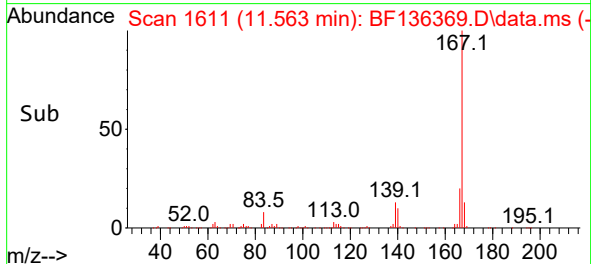


#73  
 Carbazole  
 Concen: 8.894 ng  
 RT: 11.563 min Scan# 1611  
 Delta R.T. -0.006 min  
 Lab File: BF136369.D  
 Acq: 02 Dec 2023 09:26

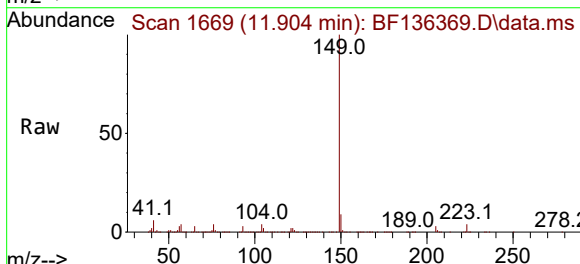
Instrument :  
 BNA\_F  
 ClientSampleId :



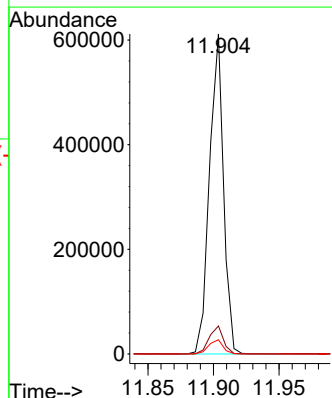
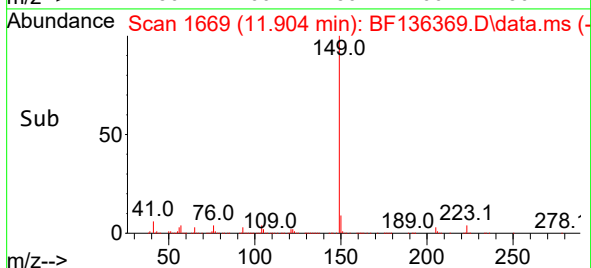
Tgt Ion:167 Resp: 114360  
 Ion Ratio Lower Upper  
 167 100  
 166 19.8 18.4 27.6  
 139 13.0 10.5 15.7

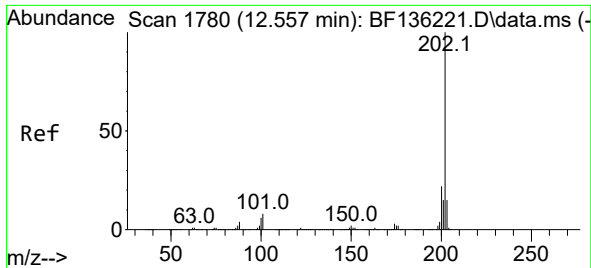


#74  
 Di-n-butylphthalate  
 Concen: 28.393 ng  
 RT: 11.904 min Scan# 1669  
 Delta R.T. -0.006 min  
 Lab File: BF136369.D  
 Acq: 02 Dec 2023 09:26



Tgt Ion:149 Resp: 456798  
 Ion Ratio Lower Upper  
 149 100  
 150 8.7 6.0 9.0  
 104 4.4 3.5 5.3

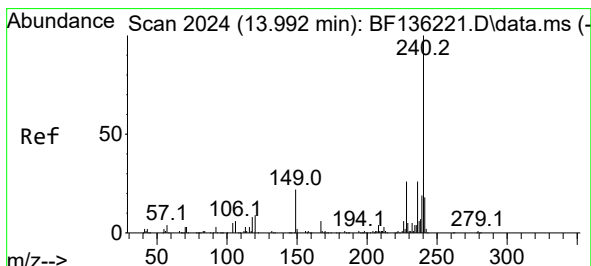
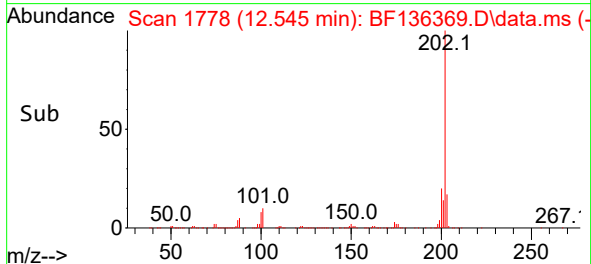
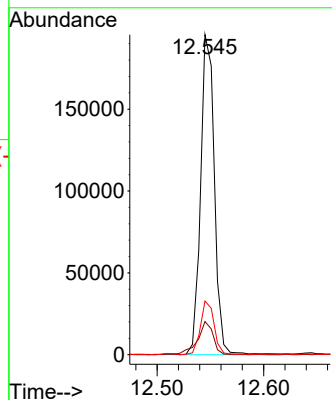
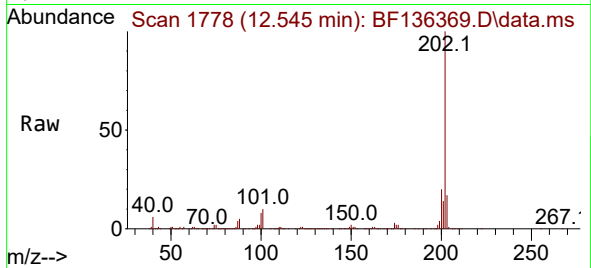




#75  
Fluoranthene  
Concen: 11.527 ng  
RT: 12.545 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

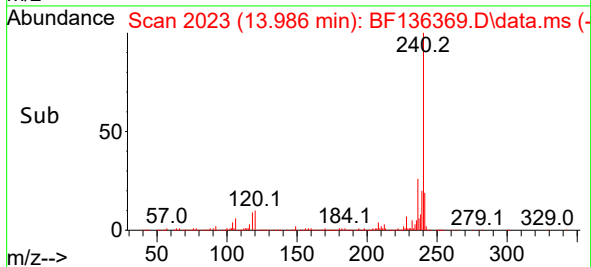
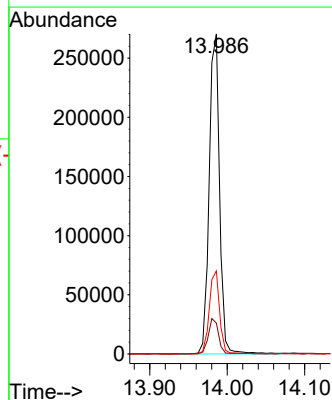
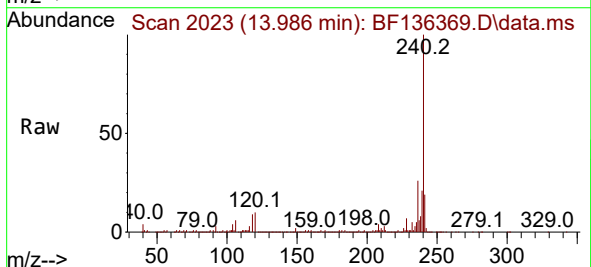
Instrument :  
BNA\_F  
ClientSampleId :

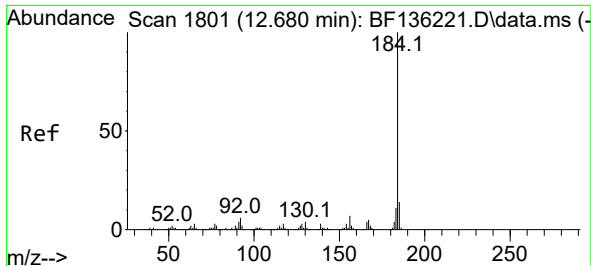
Tgt Ion:202 Resp: 176421  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 27.8  
203 16.8 0.0 34.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Tgt Ion:240 Resp: 251765  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.4 11.2  
236 26.0 21.1 31.7

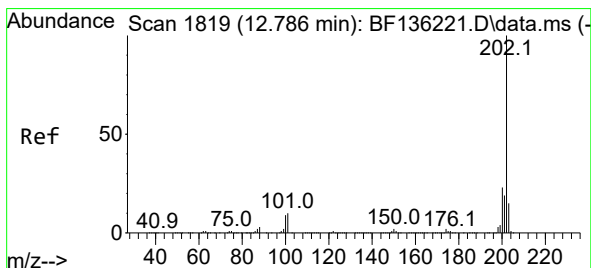
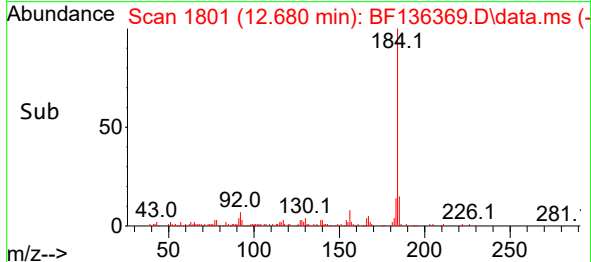
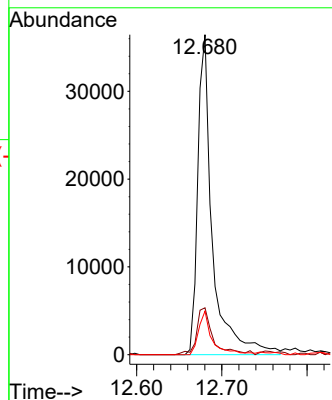
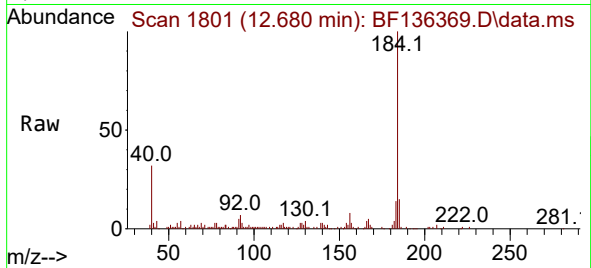




#77  
Benzidine  
Concen: 10.524 ng  
RT: 12.680 min Scan# 1801  
Delta R.T. 0.000 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

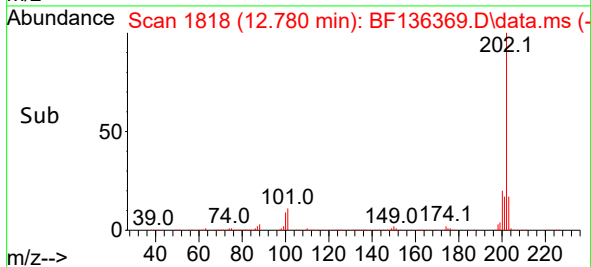
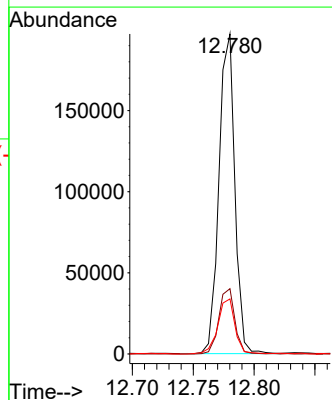
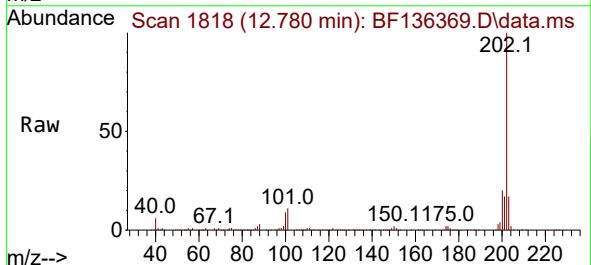
Instrument :  
BNA\_F  
ClientSampleId :

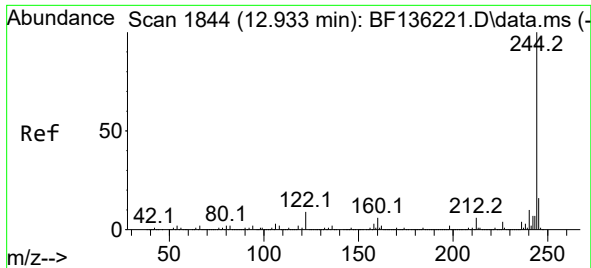
Tgt Ion:184 Resp: 43555  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.0 16.6  
183 13.6 9.0 13.4#



#78  
Pyrene  
Concen: 6.493 ng  
RT: 12.780 min Scan# 1818  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

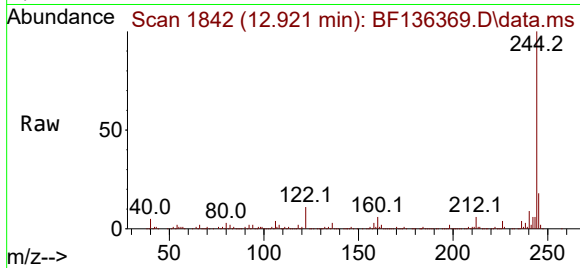
Tgt Ion:202 Resp: 179037  
Ion Ratio Lower Upper  
202 100  
200 20.4 18.4 27.6  
203 17.2 11.8 17.6



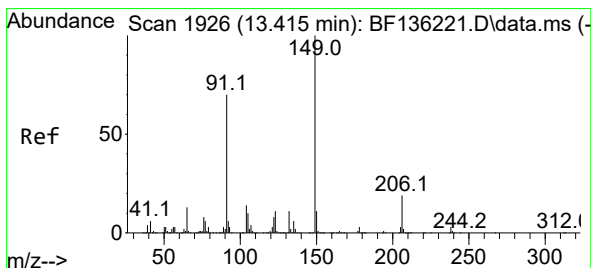
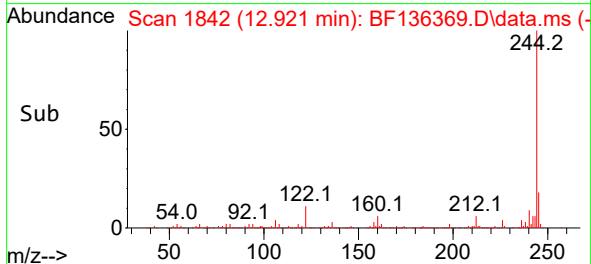
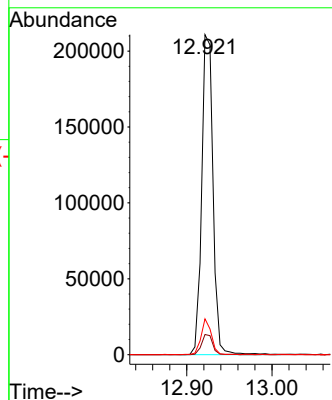


#79  
 Terphenyl-d14  
 Concen: 8.911 ng  
 RT: 12.921 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF136369.D  
 Acq: 02 Dec 2023 09:26

Instrument :  
 BNA\_F  
 ClientSampleId :

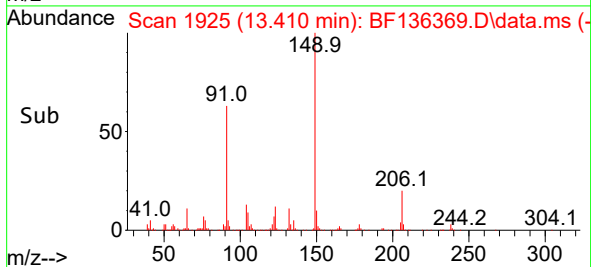
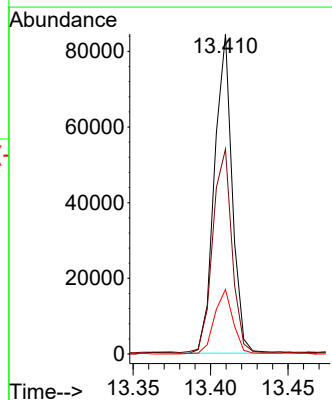
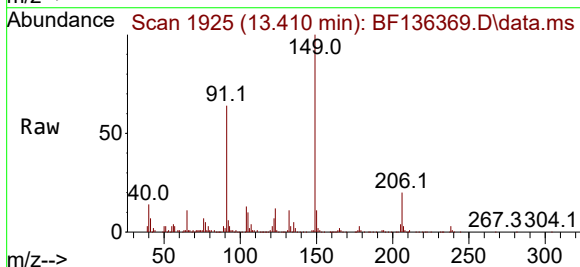


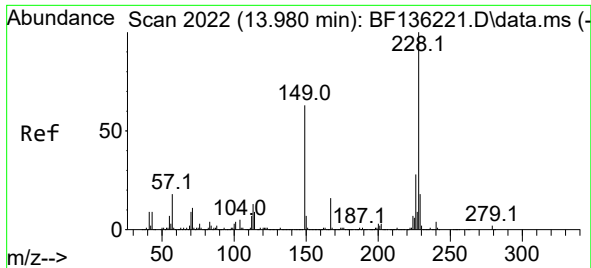
Tgt Ion:244 Resp: 194489  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 4.6 7.0  
 122 11.2 7.3 10.9#



#80  
 Butylbenzylphthalate  
 Concen: 7.817 ng  
 RT: 13.410 min Scan# 1925  
 Delta R.T. -0.006 min  
 Lab File: BF136369.D  
 Acq: 02 Dec 2023 09:26

Tgt Ion:149 Resp: 67076  
 Ion Ratio Lower Upper  
 149 100  
 91 64.1 56.4 84.6  
 206 20.2 14.8 22.2

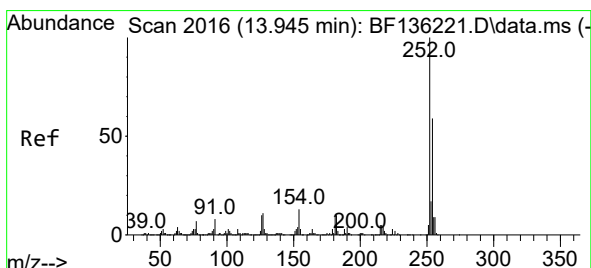
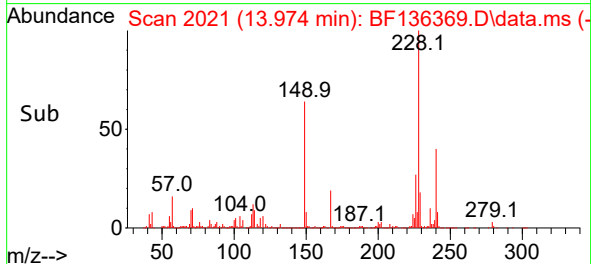
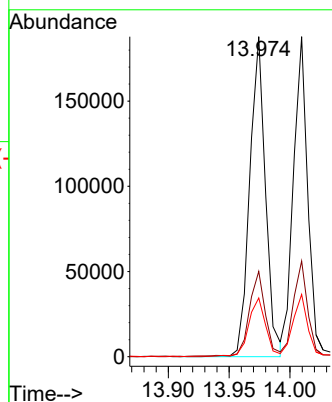
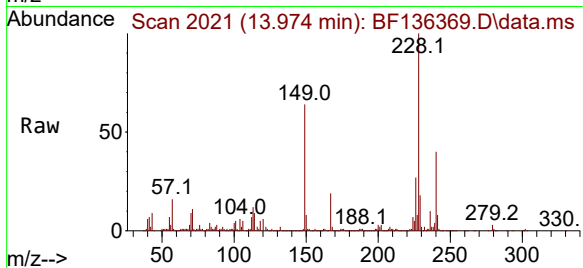




#81  
Benzo(a)anthracene  
Concen: 9.058 ng  
RT: 13.974 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

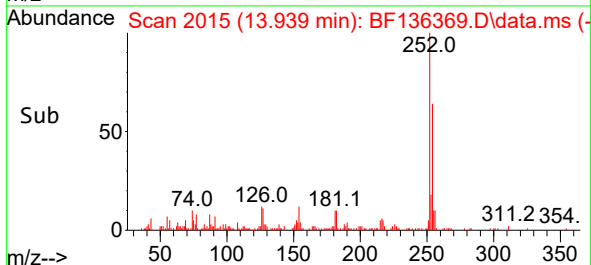
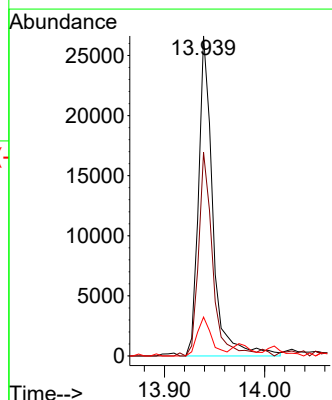
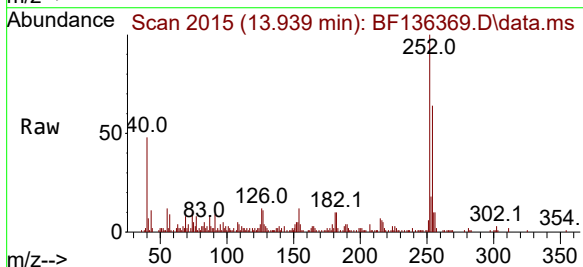
Instrument :  
BNA\_F  
ClientSampleId :

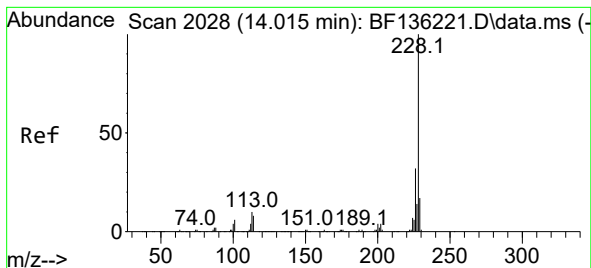
Tgt Ion:228 Resp: 169394  
Ion Ratio Lower Upper  
228 100  
226 26.7 22.6 34.0  
229 18.3 14.0 21.0



#82  
3,3'-Dichlorobenzidine  
Concen: 5.863 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Tgt Ion:252 Resp: 26394  
Ion Ratio Lower Upper  
252 100  
254 63.6 47.4 71.2  
126 12.1 8.3 12.5





#83

Chrysene

Concen: 8.495 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :

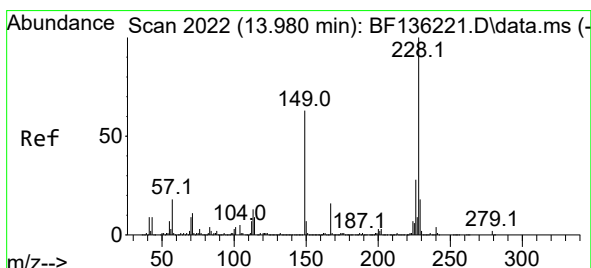
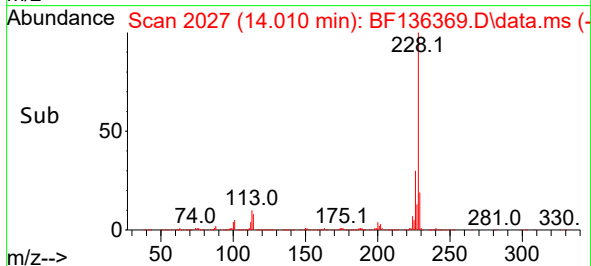
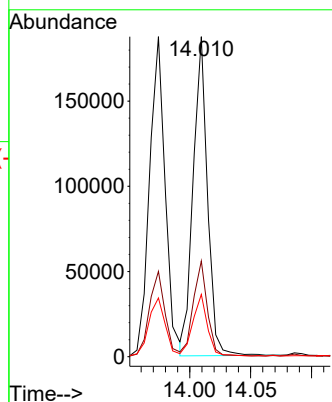
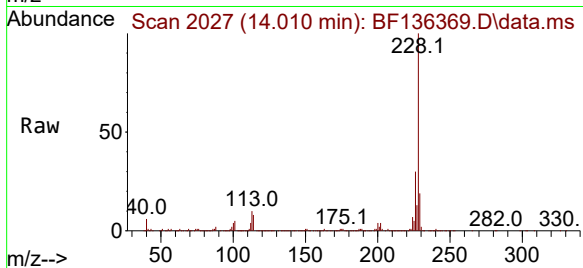
Tgt Ion:228 Resp: 153381

Ion Ratio Lower Upper

228 100

226 29.9 25.5 38.3

229 19.4 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.546 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

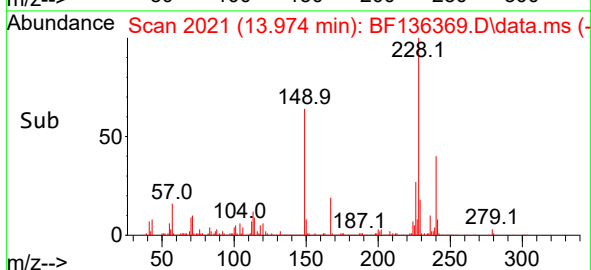
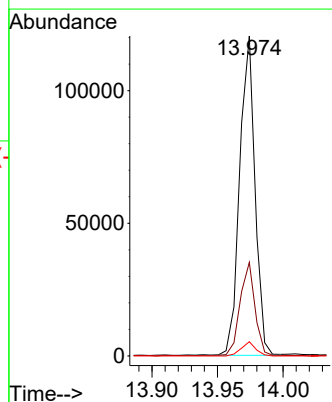
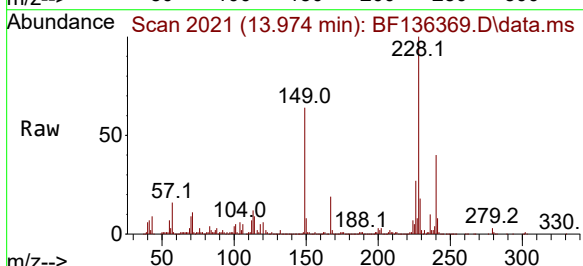
Tgt Ion:149 Resp: 98313

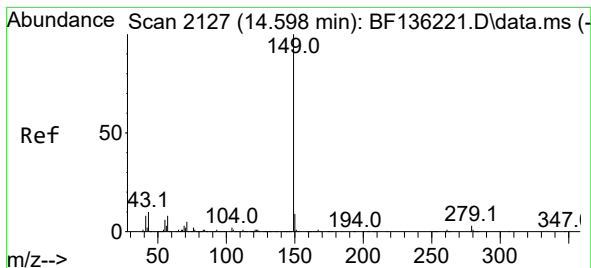
Ion Ratio Lower Upper

149 100

167 29.2 20.2 30.2

279 4.5 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 14.691 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :

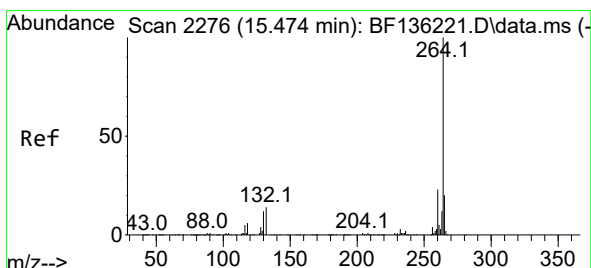
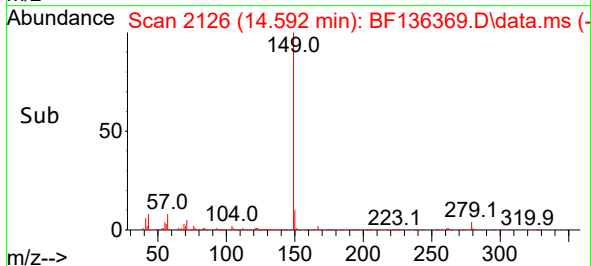
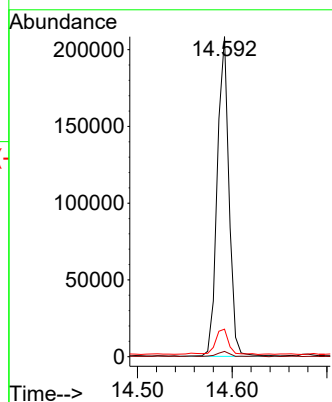
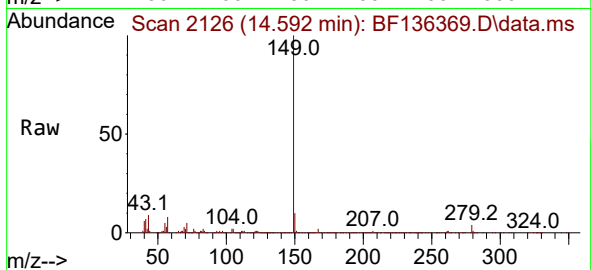
Tgt Ion:149 Resp: 178574

Ion Ratio Lower Upper

149 100

167 1.7 1.0 1.6#

43 8.7 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

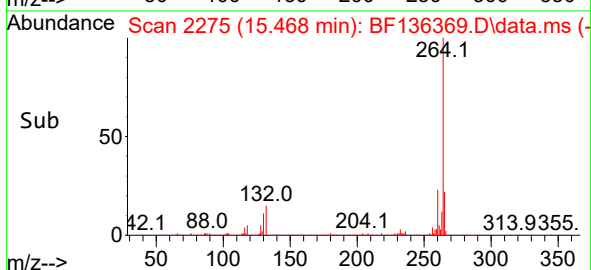
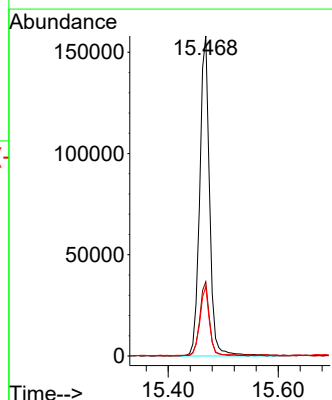
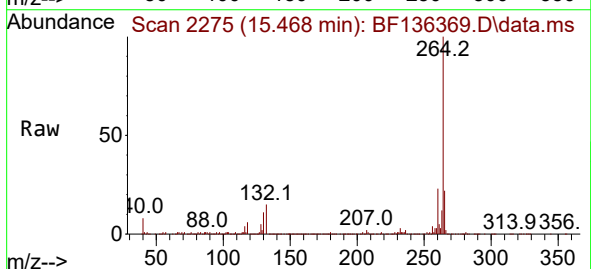
Tgt Ion:264 Resp: 197839

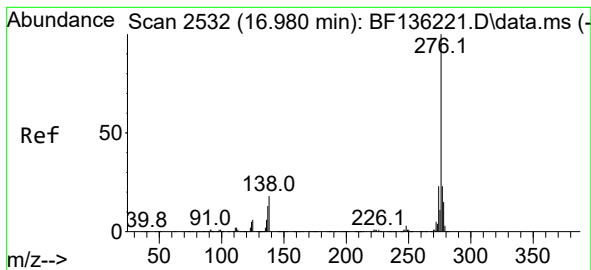
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.7 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.289 ng

RT: 16.968 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136369.D

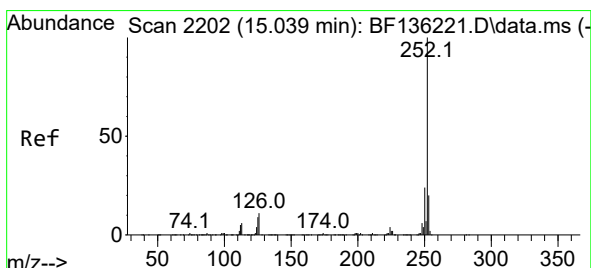
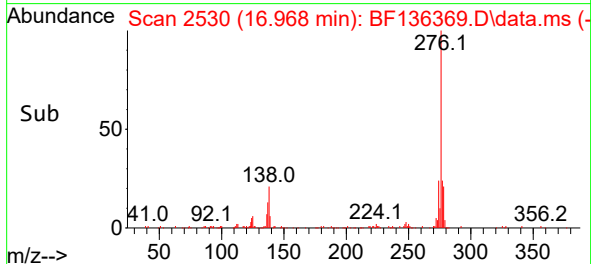
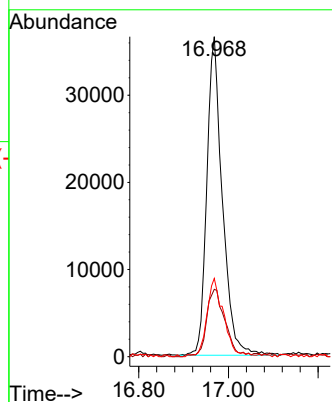
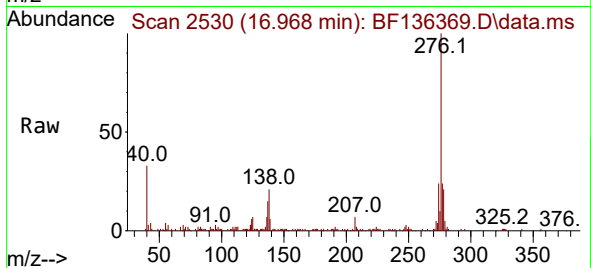
Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 87865 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 25.2  | 17.7  | 26.5  |
| 277       | 26.5  | 19.6  | 29.4  |



#88

Benzo(b)fluoranthene

Concen: 9.452 ng

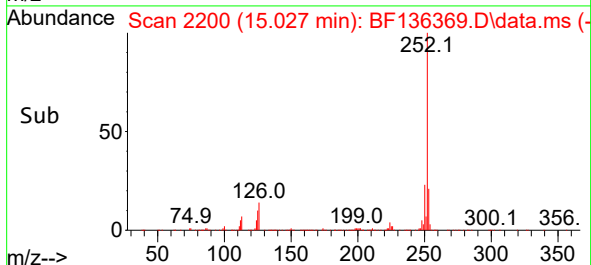
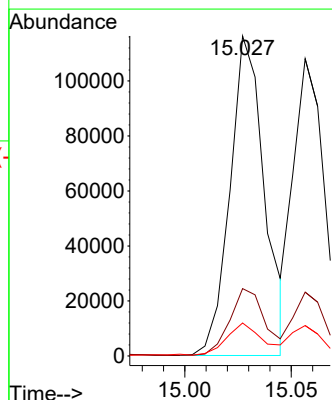
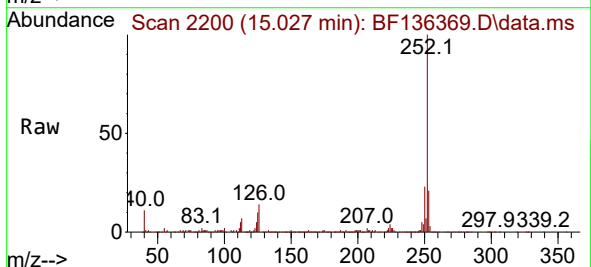
RT: 15.027 min Scan# 2200

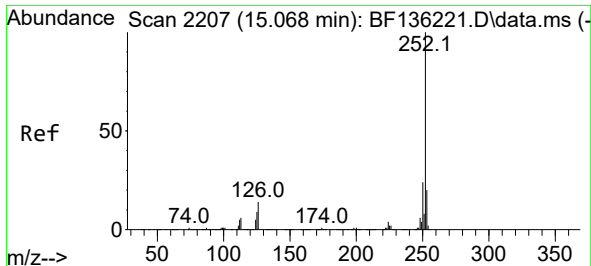
Delta R.T. -0.012 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 131199 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.1  | 16.2  | 24.2   |
| 125       | 10.3  | 6.9   | 10.3   |

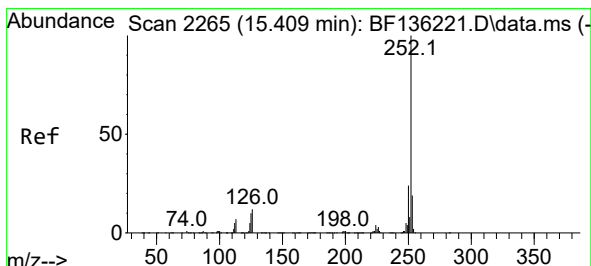
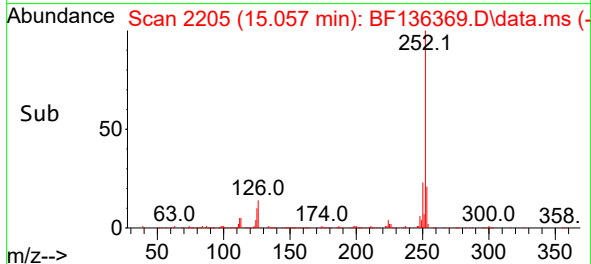
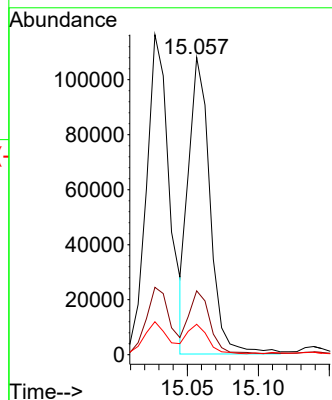
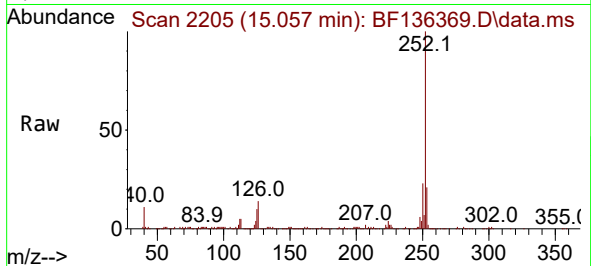




#89  
Benzo(k)fluoranthene  
Concen: 8.590 ng  
RT: 15.057 min Scan# 21  
Delta R.T. -0.011 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

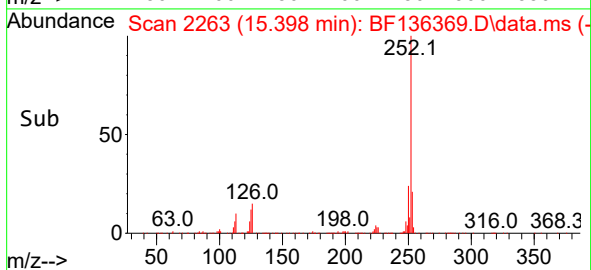
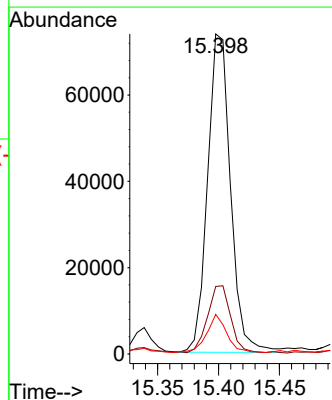
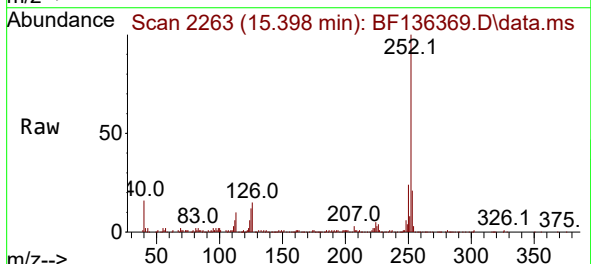
Instrument :  
BNA\_F  
ClientSampleId :

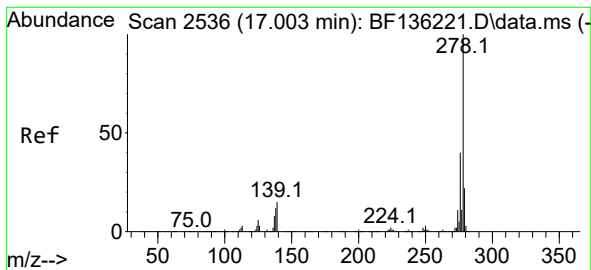
Tgt Ion:252 Resp: 113236  
Ion Ratio Lower Upper  
252 100  
253 21.5 15.6 23.4  
125 10.2 7.0 10.4



#90  
Benzo(a)pyrene  
Concen: 8.523 ng  
RT: 15.398 min Scan# 2263  
Delta R.T. -0.011 min  
Lab File: BF136369.D  
Acq: 02 Dec 2023 09:26

Tgt Ion:252 Resp: 96709  
Ion Ratio Lower Upper  
252 100  
253 21.1 15.5 23.3  
125 12.4 7.9 11.9#





#91

Dibenzo(a,h)anthracene

Concen: 8.391 ng

RT: 16.992 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA\_F

ClientSampleId :

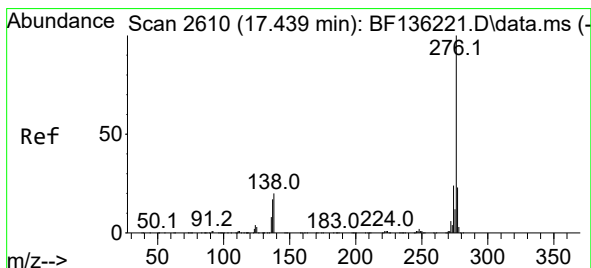
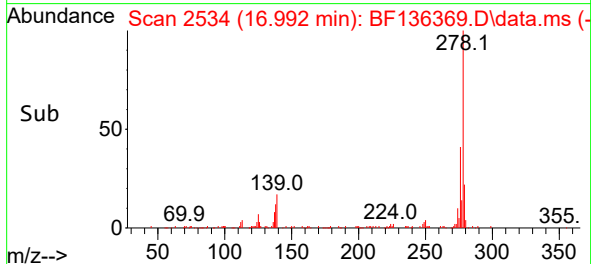
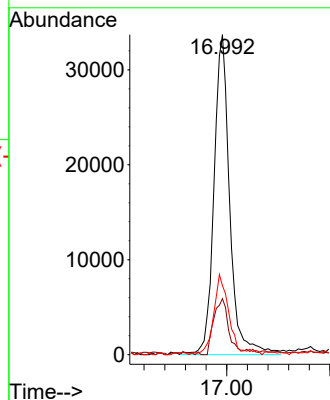
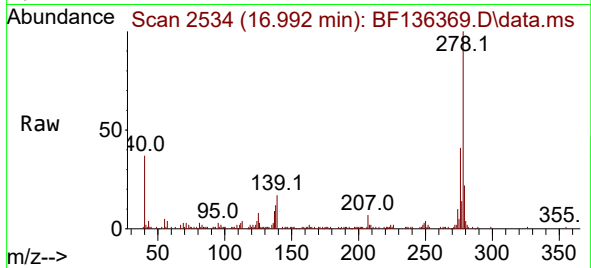
Tgt Ion:278 Resp: 71419

Ion Ratio Lower Upper

278 100

139 17.5 11.7 17.5

279 21.6 17.8 26.8



#92

Benzo(g,h,i)perylene

Concen: 7.773 ng

RT: 17.421 min Scan# 2607

Delta R.T. -0.018 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Tgt Ion:276 Resp: 72828

Ion Ratio Lower Upper

276 100

277 24.8 18.6 27.8

138 19.5 15.8 23.8

