

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF113023\  
 Data File : BF136320.D  
 Acq On : 30 Nov 2023 18:37  
 Operator : CG\JU  
 Sample : 05540-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Dec 01 00:10:09 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  | 140186   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.086  | 136  | 572423   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.845  | 164  | 266823   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.333 | 188  | 396350   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 265106   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.468 | 264  | 288270   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 884227   | 87.791 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.445  | 99   | 1082628  | 85.967 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.369  | 82   | 658968   | 60.833 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.633 | 330  | 273033   | 83.698 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.163  | 172  | 1263228  | 60.472 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 952002   | 41.422 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 131240   | 34.438 | ng    | 95       |
| 3) Pyridine                   | 3.393  | 79   | 320808   | 34.102 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.363  | 42   | 176517   | 37.120 | ng    | 83       |
| 6) Aniline                    | 6.475  | 93   | 390815   | 32.833 | ng    | 95       |
| 8) 2-Chlorophenol             | 6.592  | 128  | 471941   | 43.034 | ng    | 95       |
| 9) Benzaldehyde               | 6.357  | 77   | 46297    | 6.596  | ng    | 93       |
| 10) Phenol                    | 6.457  | 94   | 561931   | 41.591 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.551  | 93   | 416943   | 42.066 | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.745  | 146  | 482253   | 38.749 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.828  | 146  | 503515   | 39.798 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.975  | 146  | 472899   | 39.482 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.951  | 79   | 367689   | 41.643 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.086  | 45   | 561518   | 40.786 | ng    | 98       |
| 17) 2-Methylphenol            | 7.063  | 107  | 367456   | 42.620 | ng    | 98       |
| 18) Hexachloroethane          | 7.316  | 117  | 172663   | 38.907 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.222  | 70   | 311814   | 41.398 | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.216  | 107  | 457109   | 40.794 | ng    | 96       |
| 22) Acetophenone              | 7.216  | 105  | 652019   | 43.370 | ng    | # 95     |
| 24) Nitrobenzene              | 7.386  | 77   | 450744   | 41.061 | ng    | 98       |
| 25) Isophorone                | 7.628  | 82   | 851703   | 43.604 | ng    | 97       |
| 26) 2-Nitrophenol             | 7.704  | 139  | 229467   | 49.061 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.739  | 122  | 340112   | 55.247 | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 7.839  | 93   | 519719   | 43.989 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.945  | 162  | 379944   | 45.756 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.028  | 180  | 423485   | 41.656 | ng    | 97       |
| 31) Naphthalene               | 8.110  | 128  | 1374876  | 42.732 | ng    | 99       |
| 32) Benzoic acid              | 7.869  | 122  | 257155   | 45.834 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.151  | 127  | 147234   | 13.462 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.222  | 225  | 243350   | 40.915 | ng    | 99       |
| 35) Caprolactam               | 8.533  | 113  | 83873    | 36.132 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.639  | 107  | 383168   | 42.547 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.798  | 142  | 832787   | 41.262 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.898  | 142  | 814179   | 41.352 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 8.963  | 216  | 402790   | 47.434 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.951  | 237  | 302344   | 92.532 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.075  | 196  | 257766   | 46.767 | ng    | 95       |

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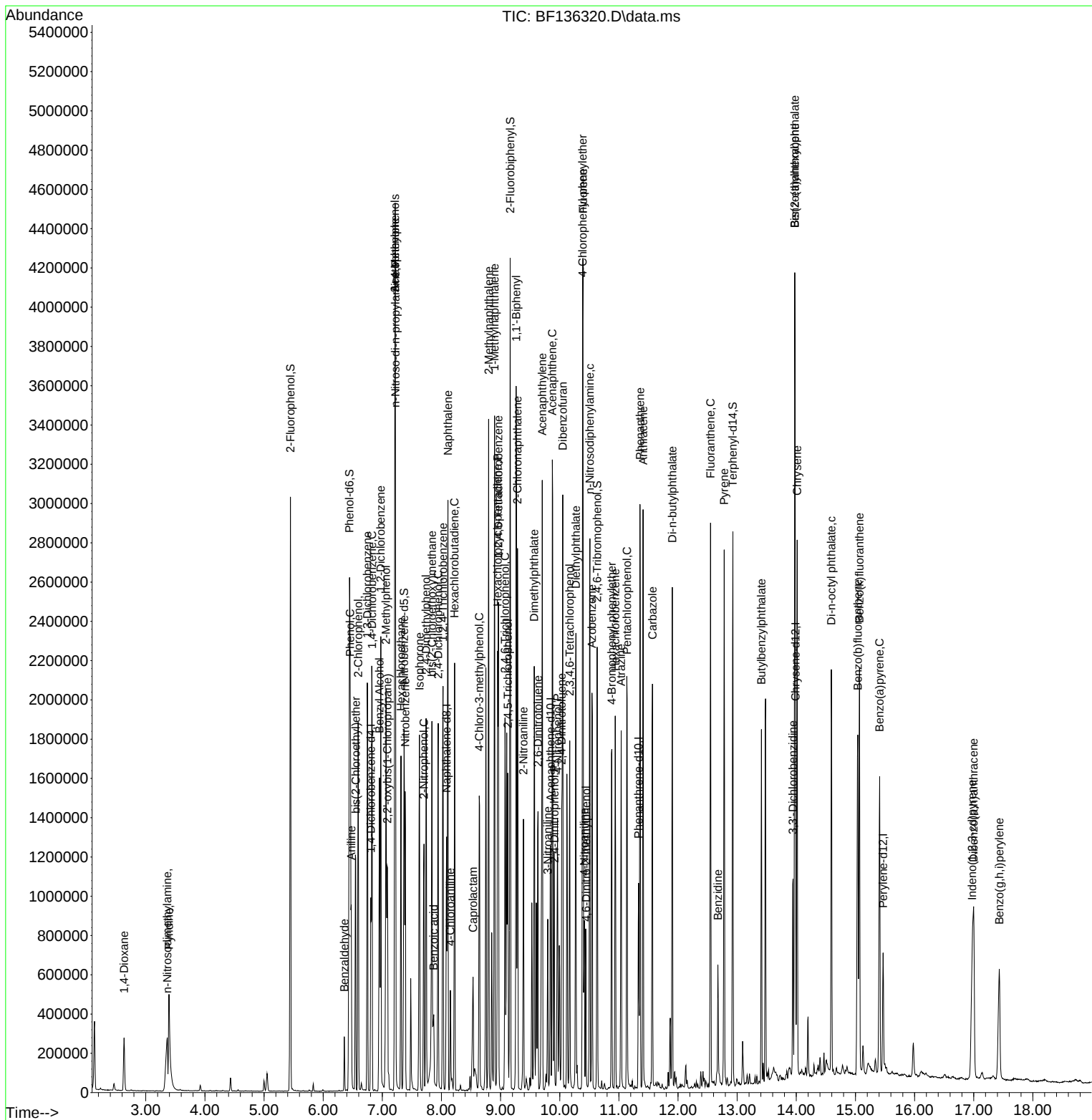
Instrument :  
 BNA\_F  
 ClientSampleId :

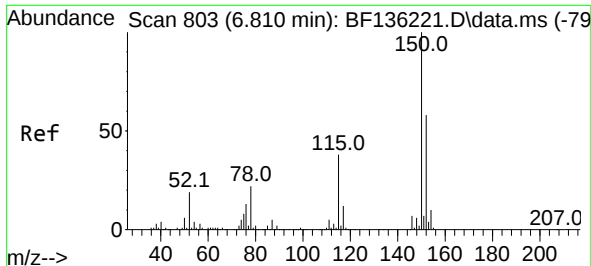
Quant Time: Dec 01 00:10:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 03:04:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.122  | 196  | 270973   | 45.051 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.263  | 154  | 1093916  | 46.491 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.286  | 162  | 809392   | 44.295 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.386  | 65   | 219049   | 45.915 | ng    | 91       |
| 49) Acenaphthylene            | 9.704  | 152  | 1249988  | 47.935 | ng    | 99       |
| 50) Dimethylphthalate         | 9.569  | 163  | 947199   | 46.968 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.633  | 165  | 190140   | 46.151 | ng    | 87       |
| 52) Acenaphthene              | 9.875  | 154  | 722430   | 43.839 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.798  | 138  | 126164   | 30.862 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.910  | 184  | 159825   | 83.410 | ng    | # 85     |
| 55) Dibenzofuran              | 10.051 | 168  | 1067028  | 43.514 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.963  | 139  | 253183   | 81.545 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.033 | 165  | 239989   | 43.608 | ng    | # 91     |
| 58) Fluorene                  | 10.392 | 166  | 800107   | 41.598 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.169 | 232  | 206418   | 43.132 | ng    | 98       |
| 60) Diethylphthalate          | 10.275 | 149  | 895062   | 44.369 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.386 | 204  | 393698   | 42.148 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.416 | 138  | 153862   | 38.451 | ng    | 96       |
| 63) Azobenzene                | 10.545 | 77   | 765783   | 40.946 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.445 | 198  | 102877   | 47.465 | ng    | 82       |
| 66) n-Nitrosodiphenylamine    | 10.510 | 169  | 700959   | 55.187 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.880 | 248  | 234785   | 50.775 | ng    | 91       |
| 68) Hexachlorobenzene         | 10.939 | 284  | 252760   | 47.230 | ng    | # 93     |
| 69) Atrazine                  | 11.039 | 200  | 215501   | 57.194 | ng    | 98       |
| 70) Pentachlorophenol         | 11.139 | 266  | 258786   | 85.546 | ng    | 97       |
| 71) Phenanthrene              | 11.357 | 178  | 1151188  | 51.677 | ng    | 99       |
| 72) Anthracene                | 11.410 | 178  | 1060628  | 47.478 | ng    | 99       |
| 73) Carbazole                 | 11.569 | 167  | 841530   | 44.291 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.904 | 149  | 1173816  | 49.376 | ng    | 99       |
| 75) Fluoranthene              | 12.551 | 202  | 1059481  | 46.849 | ng    | 97       |
| 77) Benzidine                 | 12.674 | 184  | 244272   | 56.053 | ng    | 99       |
| 78) Pyrene                    | 12.780 | 202  | 1070386  | 36.867 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 388651   | 43.011 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 953692   | 48.432 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.945 | 252  | 233622   | 49.288 | ng    | 94       |
| 83) Chrysene                  | 14.015 | 228  | 901116   | 47.396 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 539202   | 49.722 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 1076133  | 59.692 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.974 | 276  | 669157   | 32.001 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.039 | 252  | 983235   | 48.616 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.068 | 252  | 876479   | 45.630 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.409 | 252  | 782459   | 47.327 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 546244   | 32.513 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.433 | 276  | 487012   | 28.853 | ng    | 99       |

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

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QLast Update : Tue Nov 28 03:04:20 2023  
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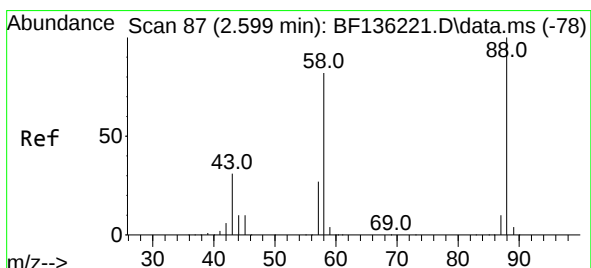
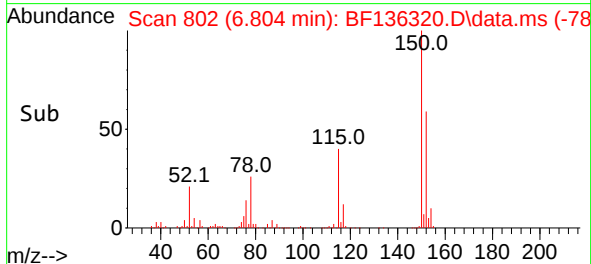
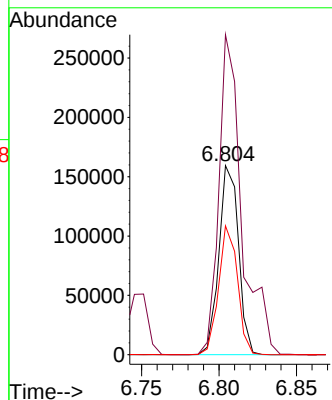
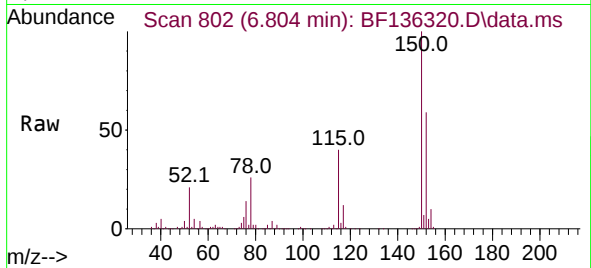




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.804 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BF136320.D  
 Acq: 30 Nov 2023 18:37

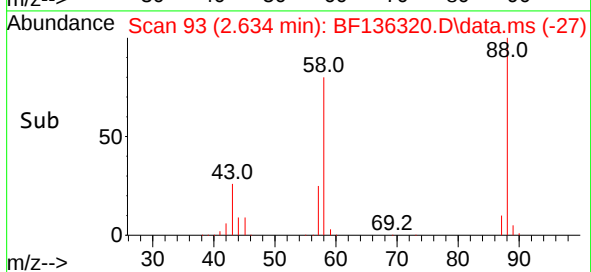
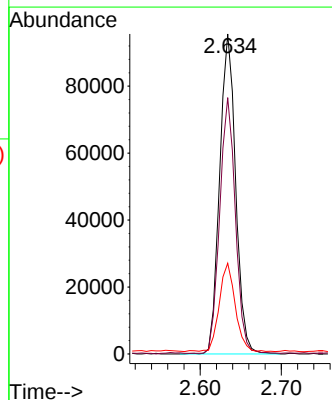
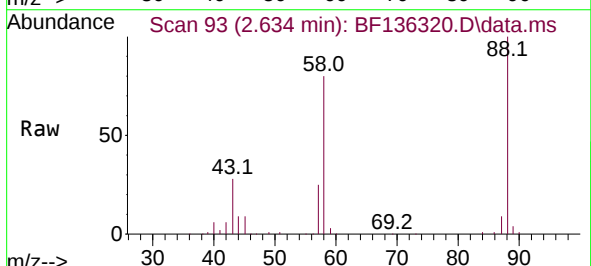
Instrument :  
 BNA\_F  
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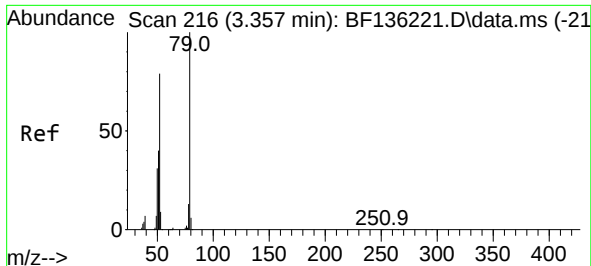
Tgt Ion:152 Resp: 140186  
 Ion Ratio Lower Upper  
 152 100  
 150 169.2 137.8 206.8  
 115 68.2 52.7 79.1



#2  
 1,4-Dioxane  
 Concen: 34.438 ng  
 RT: 2.634 min Scan# 93  
 Delta R.T. 0.035 min  
 Lab File: BF136320.D  
 Acq: 30 Nov 2023 18:37

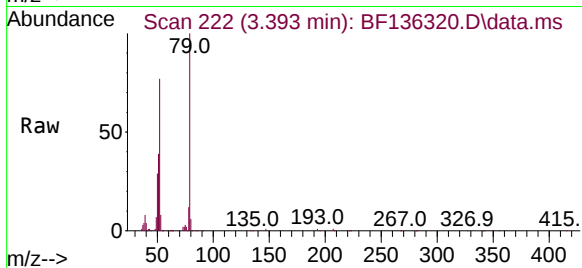
Tgt Ion: 88 Resp: 131240  
 Ion Ratio Lower Upper  
 88 100  
 58 78.3 65.9 98.9  
 43 27.6 24.8 37.2



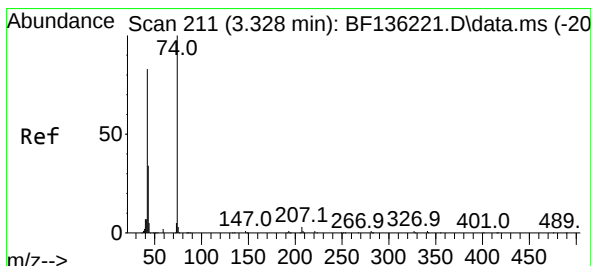
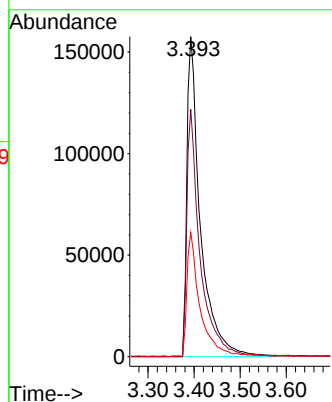
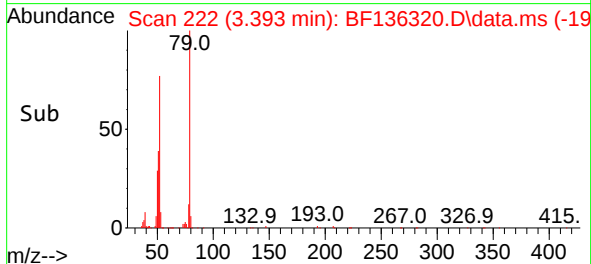


#3  
Pyridine  
Concen: 34.102 ng  
RT: 3.393 min Scan# 216  
Delta R.T. 0.035 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

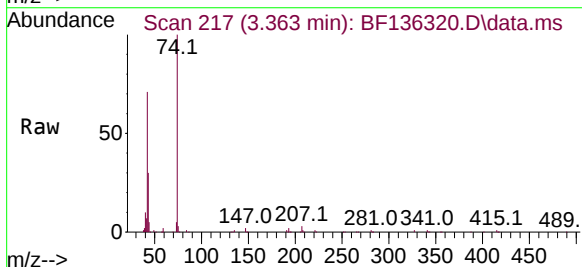
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ClientSampleId :



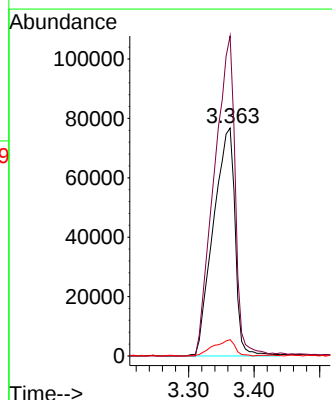
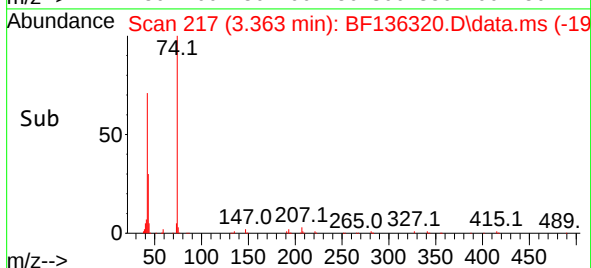
Tgt Ion: 79 Resp: 320808  
Ion Ratio Lower Upper  
79 100  
52 77.3 63.2 94.8  
51 38.8 32.6 49.0

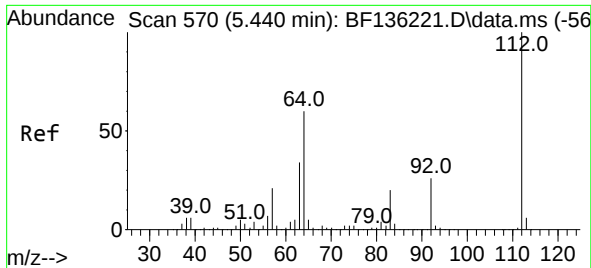


#4  
n-Nitrosodimethylamine  
Concen: 37.120 ng  
RT: 3.363 min Scan# 217  
Delta R.T. 0.035 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37



Tgt Ion: 42 Resp: 176517  
Ion Ratio Lower Upper  
42 100  
74 140.5 96.6 144.8  
44 7.2 5.4 8.2

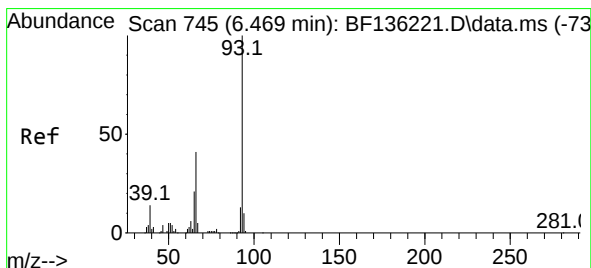
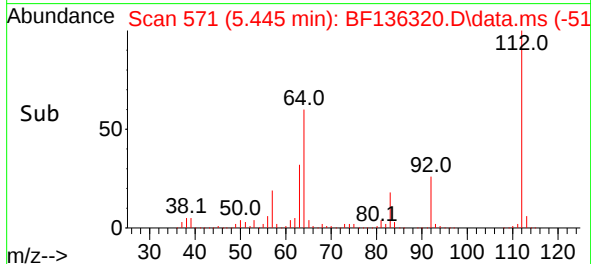
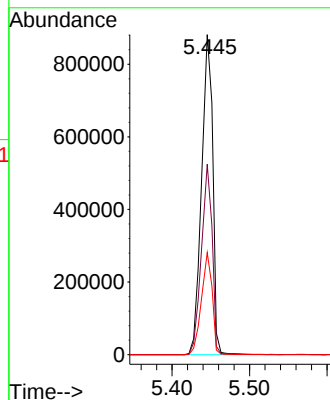
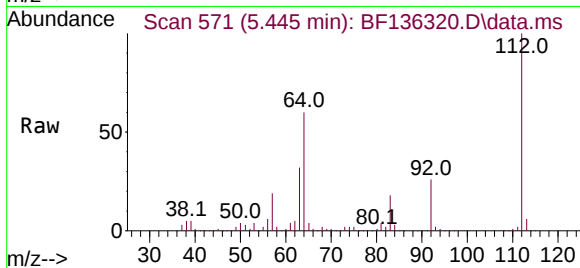




#5  
2-Fluorophenol  
Concen: 87.791 ng  
RT: 5.445 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

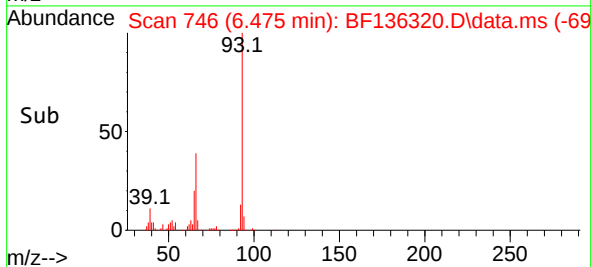
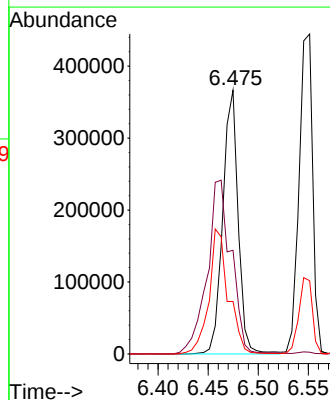
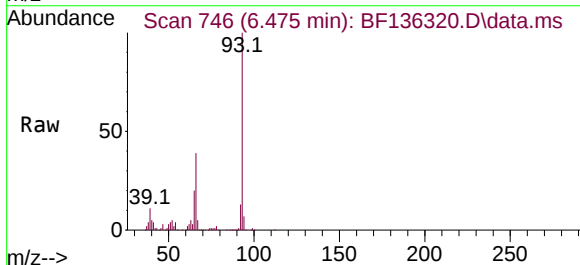
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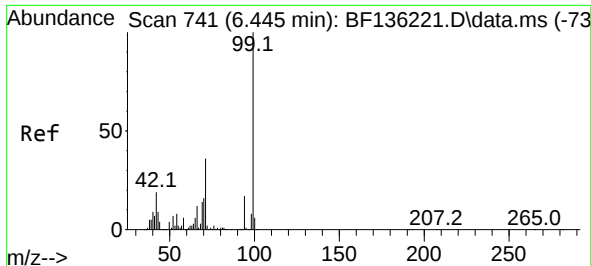
Tgt Ion:112 Resp: 884227  
Ion Ratio Lower Upper  
112 100  
64 59.5 48.2 72.4  
63 31.9 27.0 40.6



#6  
Aniline  
Concen: 32.833 ng  
RT: 6.475 min Scan# 746  
Delta R.T. 0.006 min  
Lab File: BF136320.D  
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Tgt Ion: 93 Resp: 390815  
Ion Ratio Lower Upper  
93 100  
66 39.3 34.1 51.1  
65 19.9 17.3 25.9

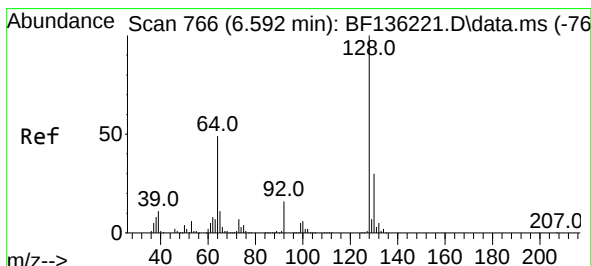
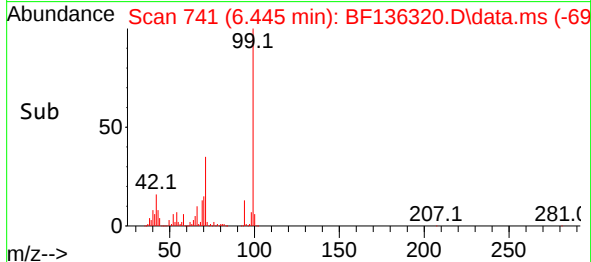
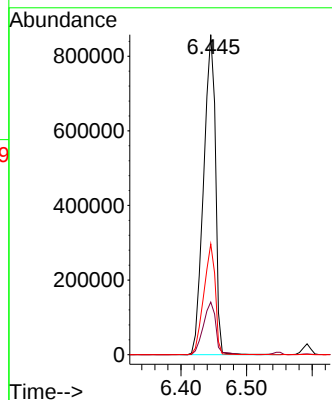
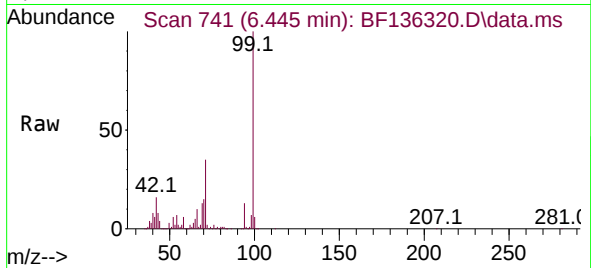




#7  
Phenol-d6  
Concen: 85.967 ng  
RT: 6.445 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

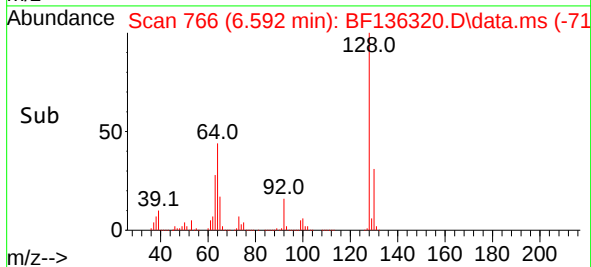
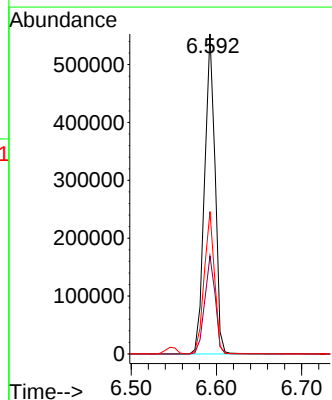
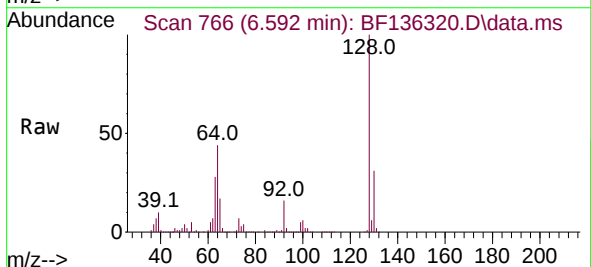
Instrument :  
BNA\_F  
ClientSampleId :

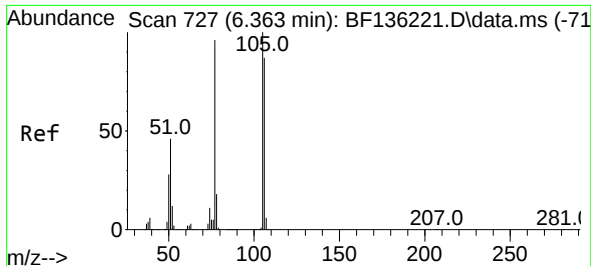
Tgt Ion: 99 Resp: 1082628  
Ion Ratio Lower Upper  
99 100  
42 16.4 15.0 22.6  
71 34.6 28.9 43.3



#8  
2-Chlorophenol  
Concen: 43.034 ng  
RT: 6.592 min Scan# 766  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Tgt Ion:128 Resp: 471941  
Ion Ratio Lower Upper  
128 100  
130 30.6 10.3 50.3  
64 44.5 30.0 70.0



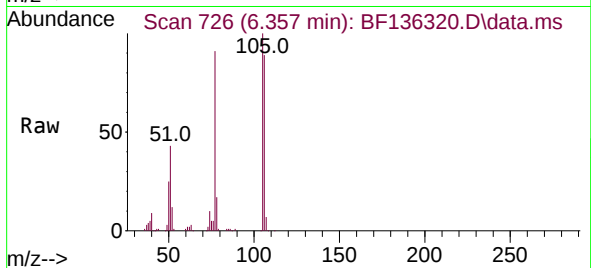


#9  
Benzaldehyde  
Concen: 6.596 ng  
RT: 6.357 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

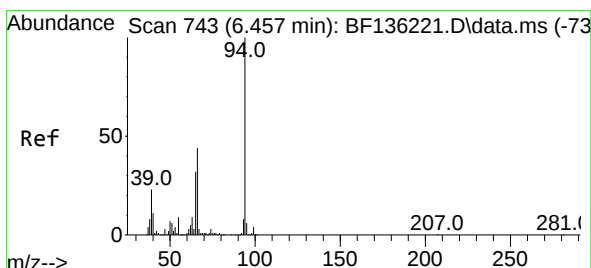
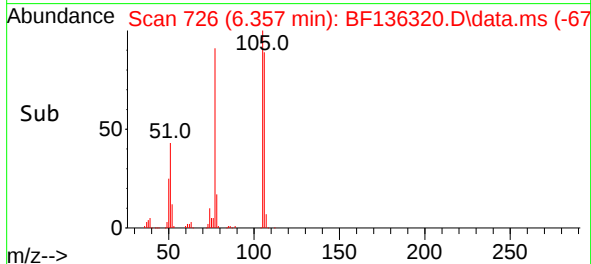
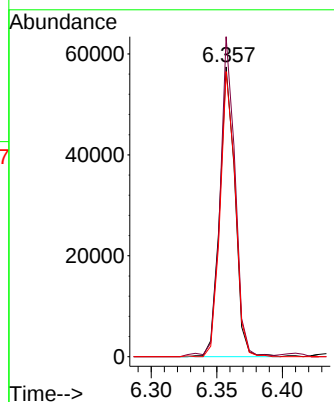
Instrument :

BNA\_F

ClientSampleId :

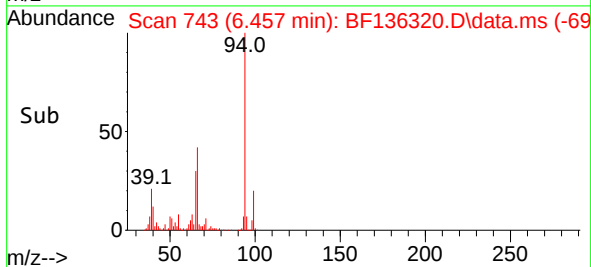
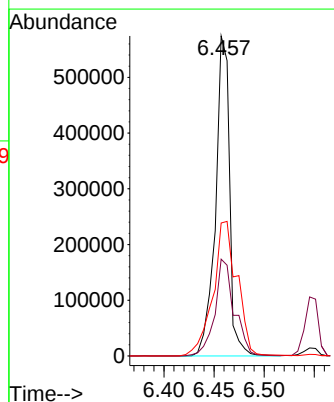
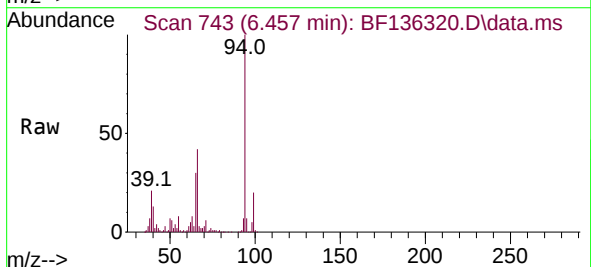


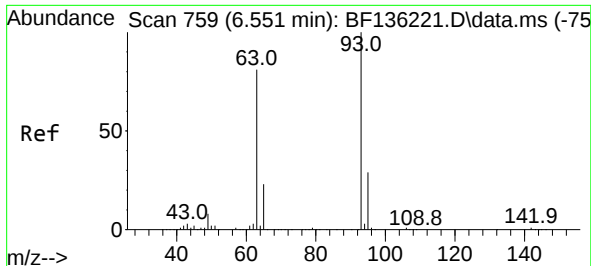
Tgt Ion: 77 Resp: 46297  
Ion Ratio Lower Upper  
77 100  
105 110.4 84.3 124.3  
106 98.4 71.0 111.0



#10  
Phenol  
Concen: 41.591 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Tgt Ion: 94 Resp: 561931  
Ion Ratio Lower Upper  
94 100  
65 30.2 12.5 52.5  
66 41.5 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 42.066 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

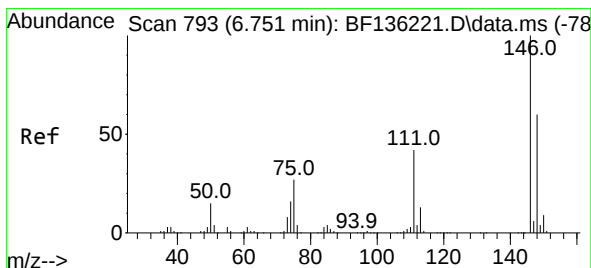
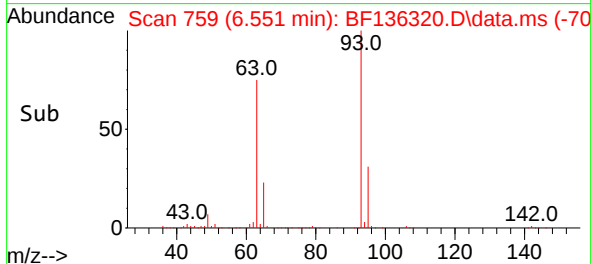
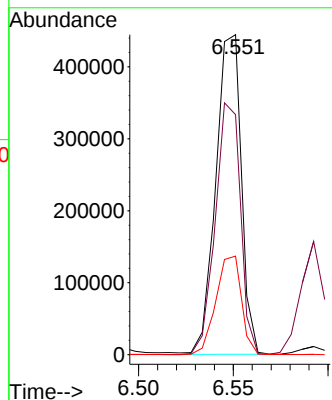
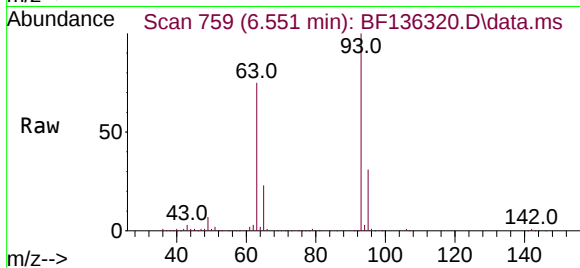
Tgt Ion: 93 Resp: 416943

Ion Ratio Lower Upper

93 100

63 75.0 60.2 100.2

95 30.8 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 38.749 ng

RT: 6.745 min Scan# 792

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

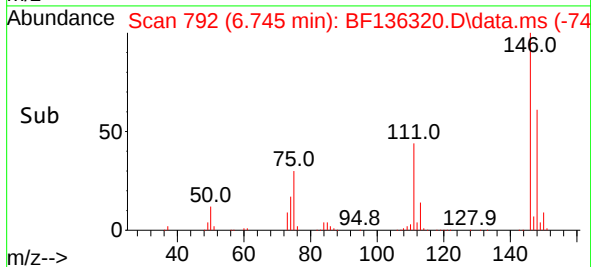
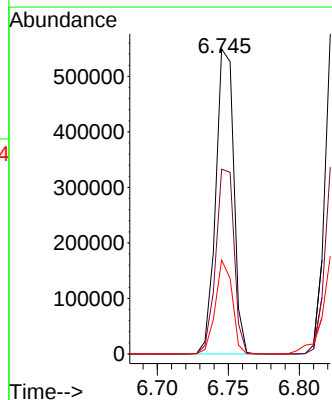
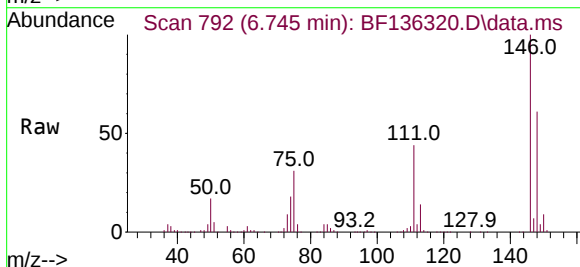
Tgt Ion:146 Resp: 482253

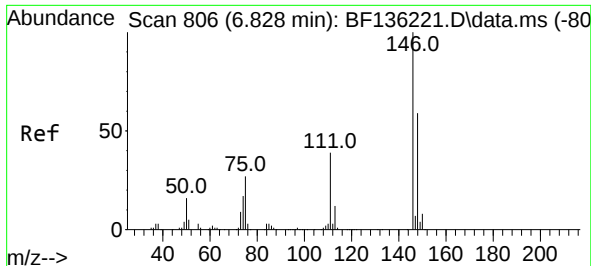
Ion Ratio Lower Upper

146 100

148 60.6 47.8 71.6

75 30.8 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 39.798 ng

RT: 6.828 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

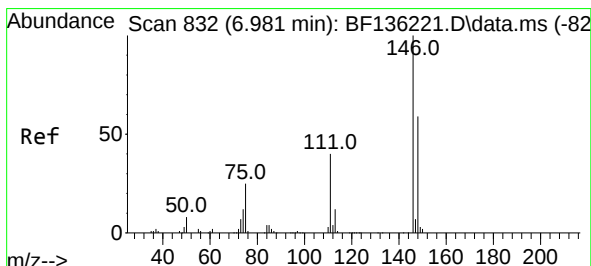
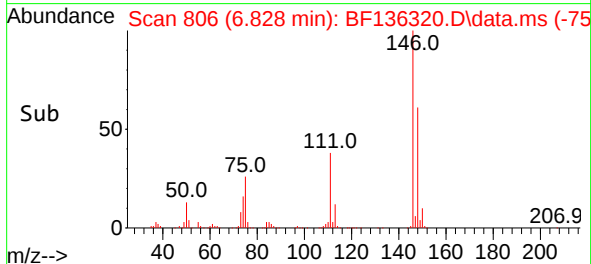
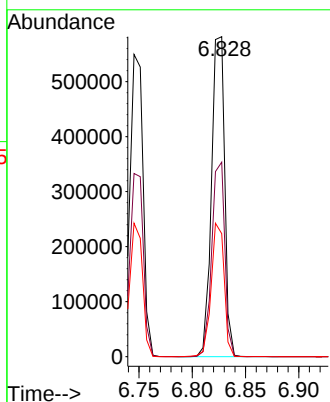
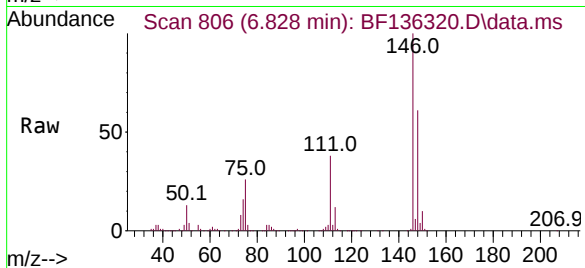
Tgt Ion:146 Resp: 503515

Ion Ratio Lower Upper

146 100

148 60.8 47.0 70.6

111 38.4 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 39.482 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

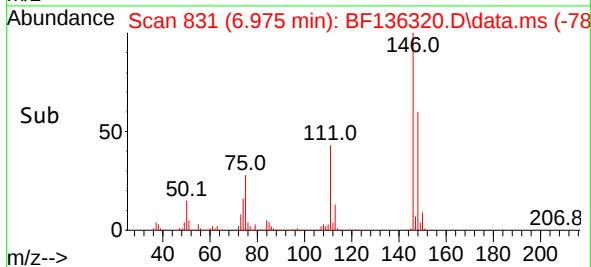
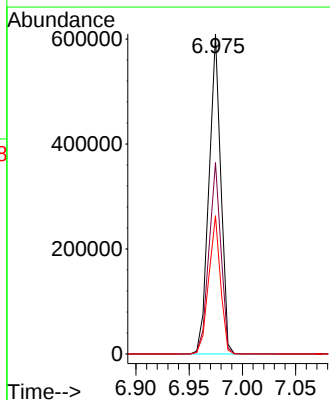
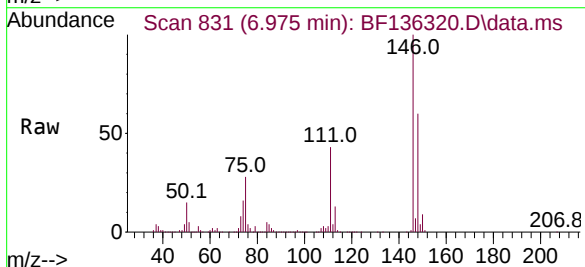
Tgt Ion:146 Resp: 472899

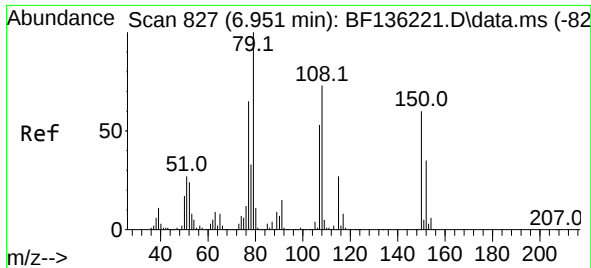
Ion Ratio Lower Upper

146 100

148 59.8 47.3 70.9

111 43.2 32.4 48.6

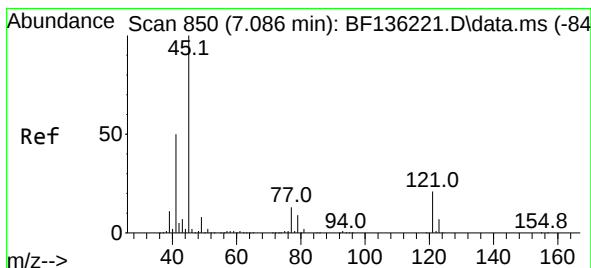
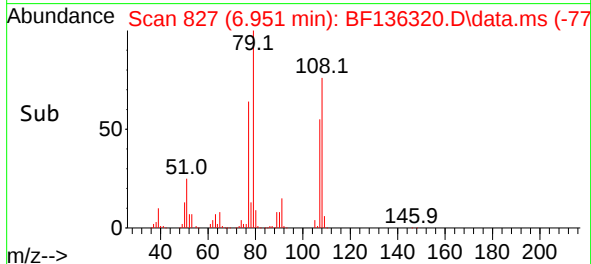
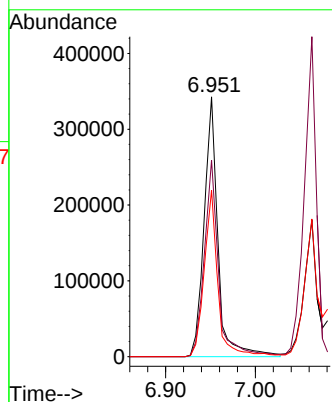
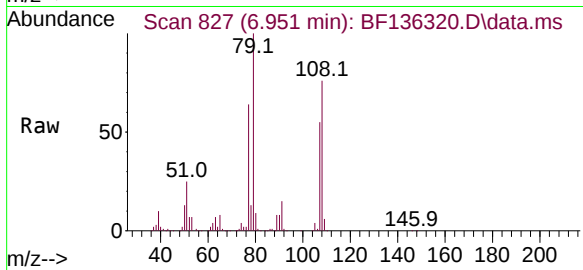




#15  
Benzyl Alcohol  
Concen: 41.643 ng  
RT: 6.951 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

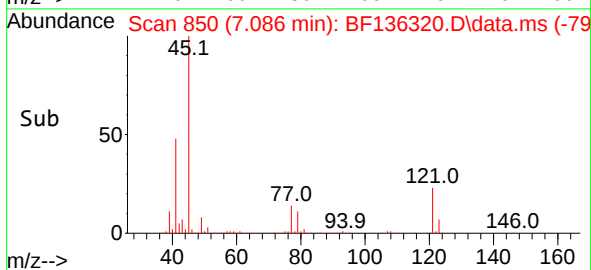
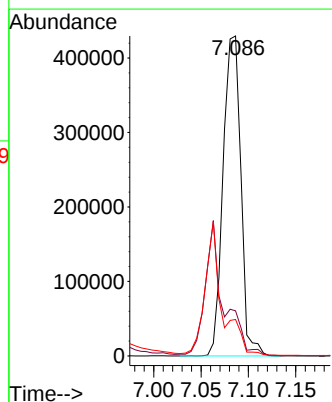
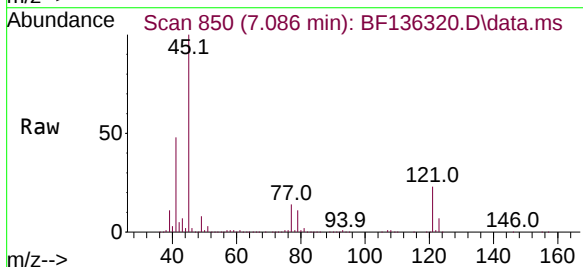
Instrument :  
BNA\_F  
ClientSampleId :

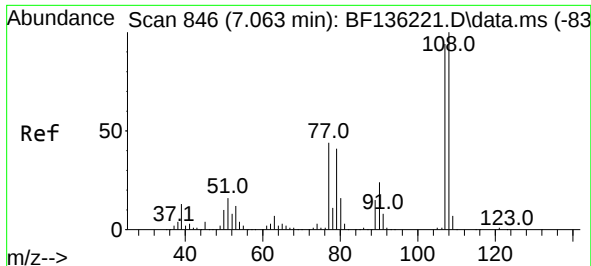
Tgt Ion: 79 Resp: 367689  
Ion Ratio Lower Upper  
79 100  
108 75.7 58.1 87.1  
77 64.1 51.8 77.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.786 ng  
RT: 7.086 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

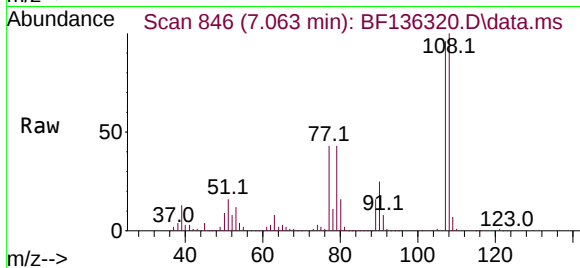
Tgt Ion: 45 Resp: 561518  
Ion Ratio Lower Upper  
45 100  
77 14.1 0.0 34.0  
79 11.4 0.0 30.1



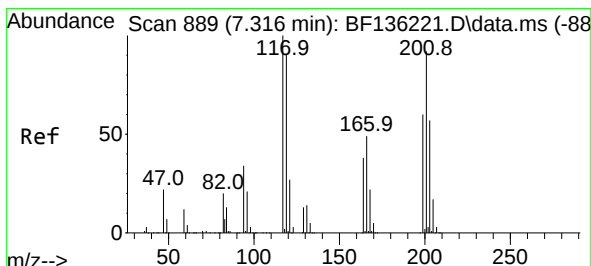
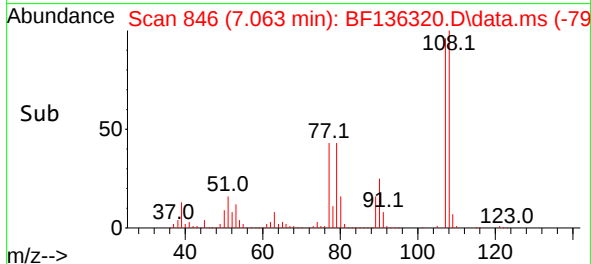
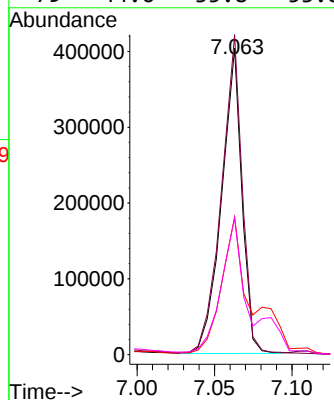


#17  
2-Methylphenol  
Concen: 42.620 ng  
RT: 7.063 min Scan# 846  
Delta R.T. -0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Instrument :  
BNA\_F  
ClientSampleId :

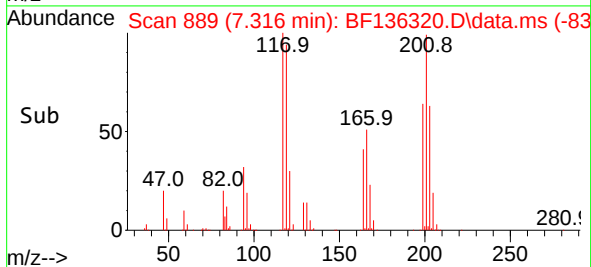
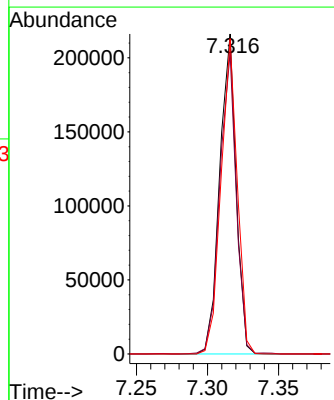
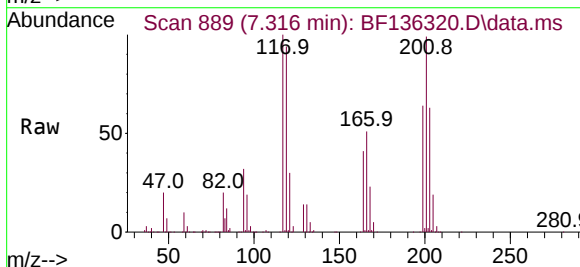


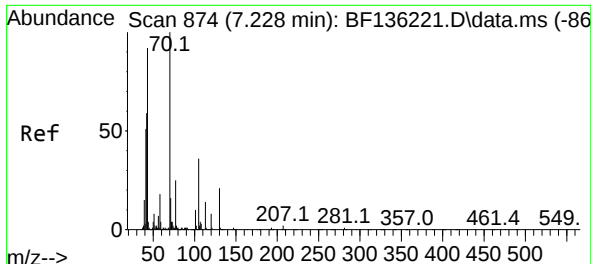
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 367456 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 104.4 | 85.4  | 128.0  |
| 77       | 44.9  | 37.4  | 56.2   |
| 79       | 44.6  | 35.8  | 53.8   |



#18  
Hexachloroethane  
Concen: 38.907 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

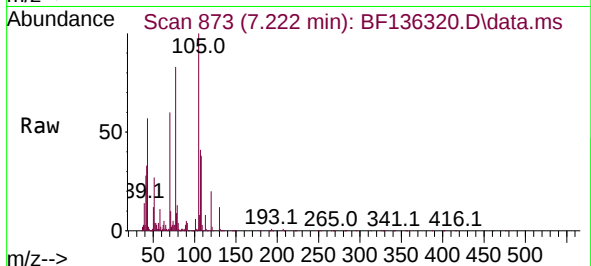
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 172663 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.0  | 71.6  | 107.4  |
| 201      | 98.5  | 73.4  | 110.2  |





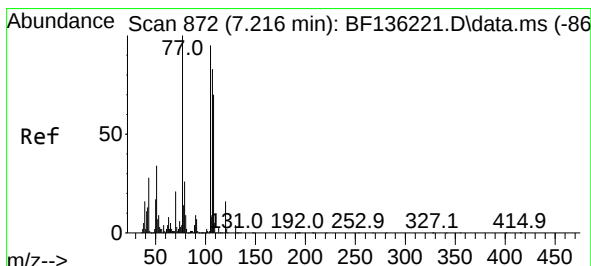
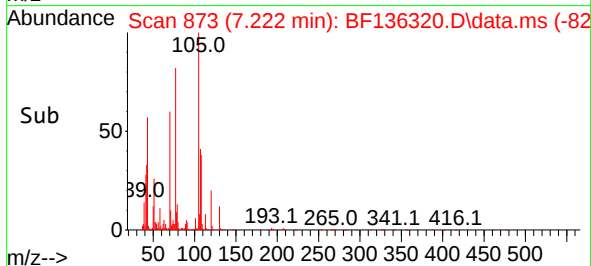
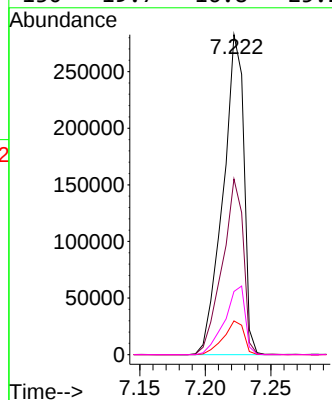
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.398 ng  
RT: 7.222 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 70 Resp: 311814

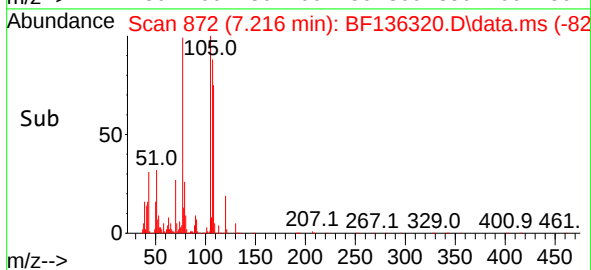
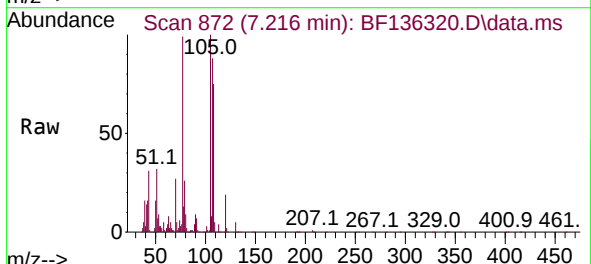
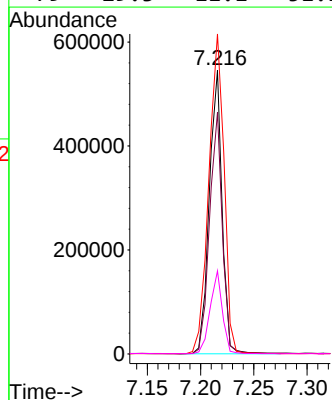
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 54.9  | 47.0  | 70.4  |
| 101 | 10.6  | 7.8   | 11.8  |
| 130 | 19.7  | 16.8  | 25.2  |

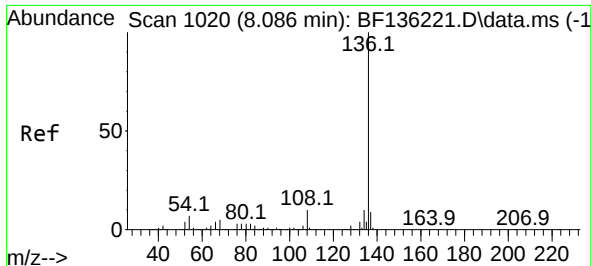


#20  
3+4-Methylphenols  
Concen: 40.794 ng  
RT: 7.216 min Scan# 872  
Delta R.T. -0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Tgt Ion: 107 Resp: 457109

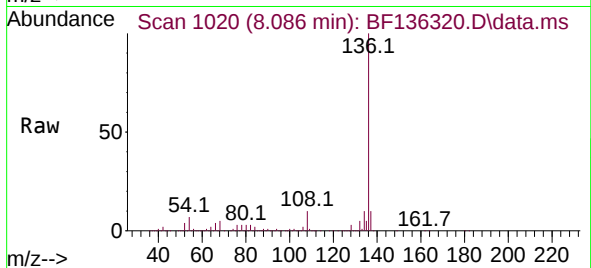
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 85.2  | 63.9  | 103.9 |
| 77  | 112.8 | 100.2 | 140.2 |
| 79  | 29.3  | 11.1  | 51.1  |



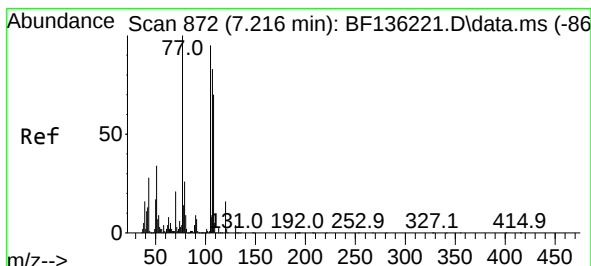
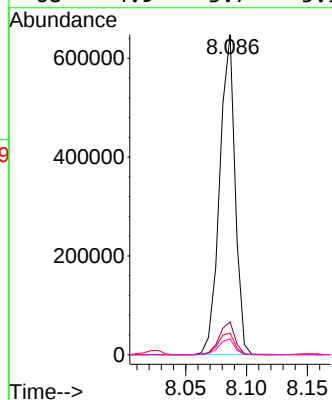
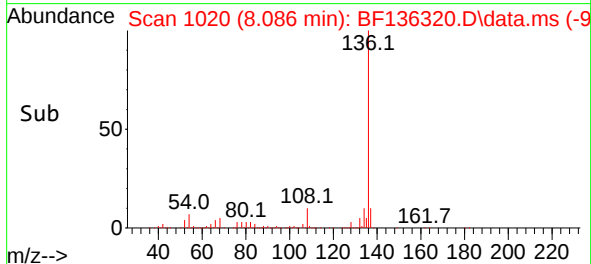


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.086 min Scan# 1020  
Delta R.T. -0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Instrument :  
BNA\_F  
ClientSampleId :

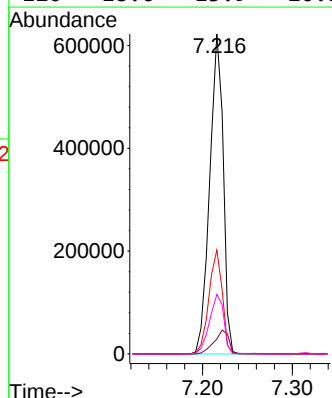
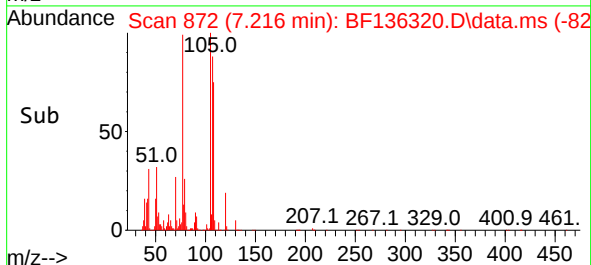
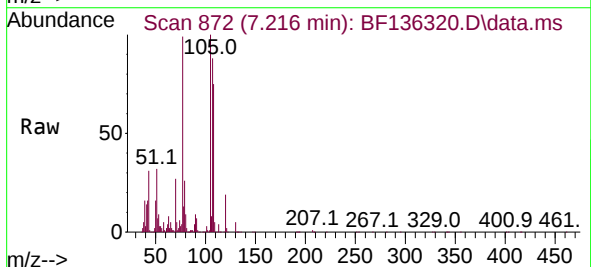


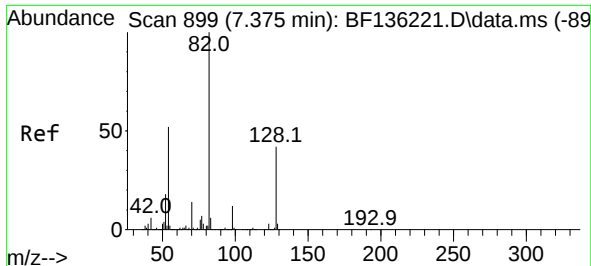
Tgt Ion:136 Resp: 572423  
Ion Ratio Lower Upper  
136 100  
137 10.3 7.4 11.2  
54 6.8 5.5 8.3  
68 4.9 3.7 5.5



#22  
Acetophenone  
Concen: 43.370 ng  
RT: 7.216 min Scan# 872  
Delta R.T. -0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Tgt Ion:105 Resp: 652019  
Ion Ratio Lower Upper  
105 100  
71 4.7 2.8 4.2#  
51 32.5 29.0 43.6  
120 18.6 13.9 20.9





#23

Nitrobenzene-d5

Concen: 60.833 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

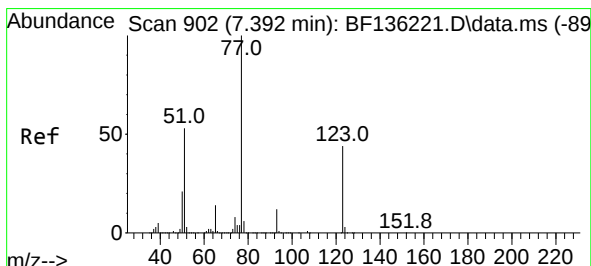
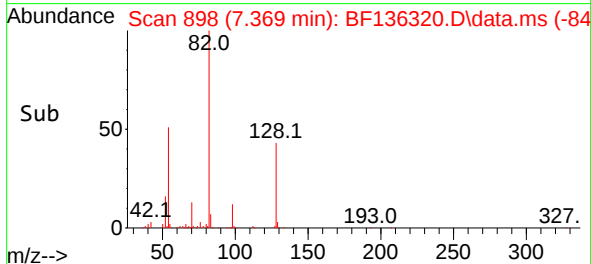
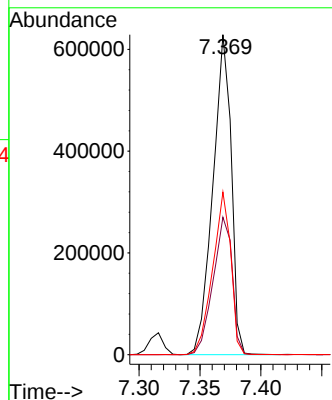
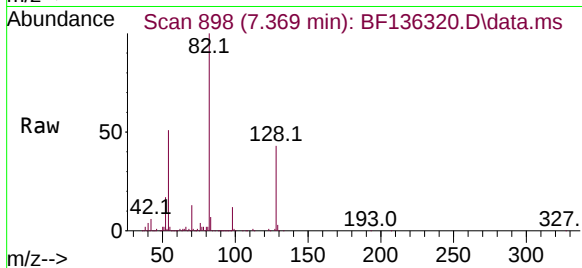
Tgt Ion: 82 Resp: 658968

Ion Ratio Lower Upper

82 100

128 42.9 33.4 50.2

54 50.8 41.7 62.5



#24

Nitrobenzene

Concen: 41.061 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

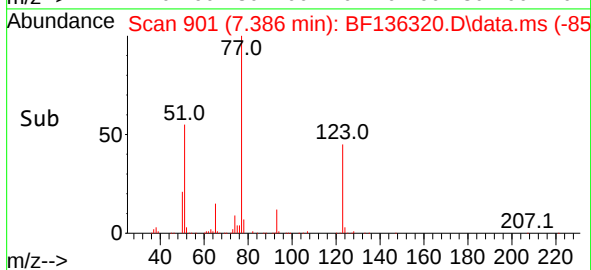
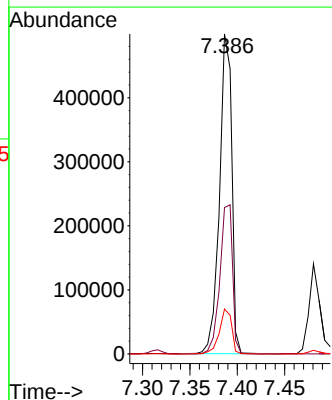
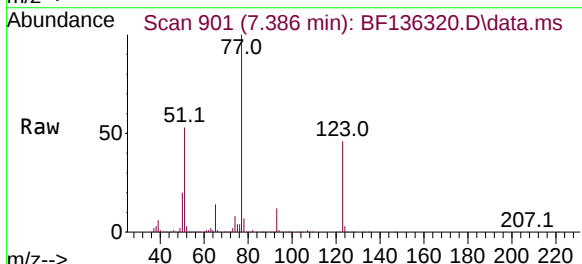
Tgt Ion: 77 Resp: 450744

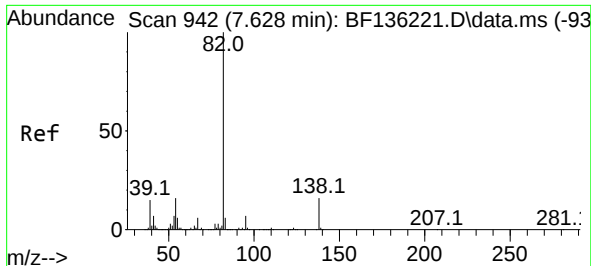
Ion Ratio Lower Upper

77 100

123 45.7 35.4 53.2

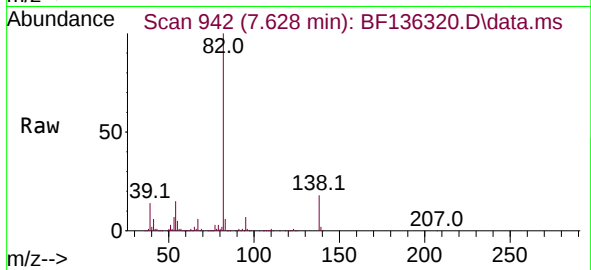
65 14.1 11.0 16.6



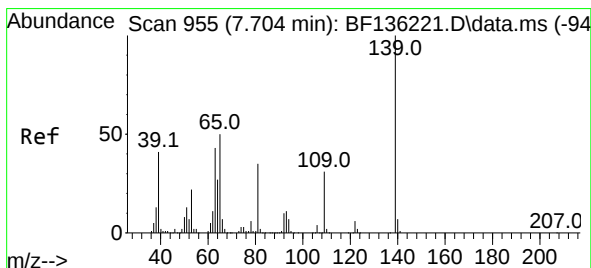
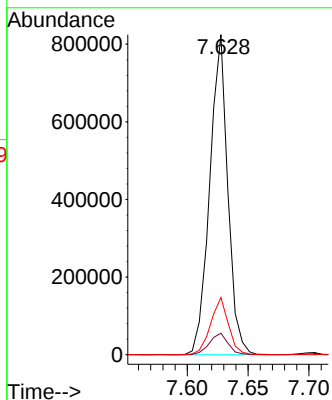
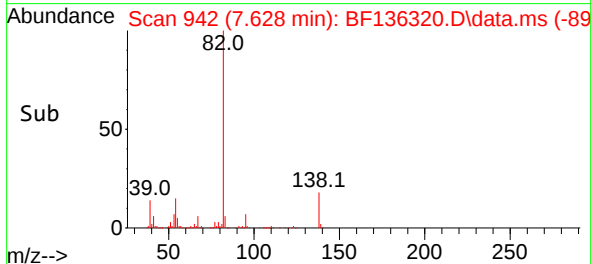


#25  
Isophorone  
Concen: 43.604 ng  
RT: 7.628 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Instrument :  
BNA\_F  
ClientSampleId :

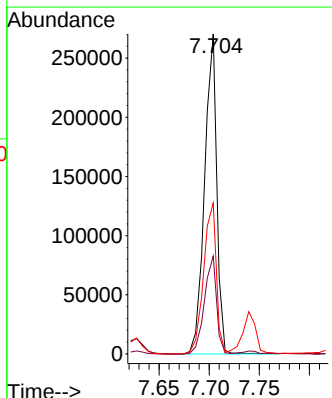
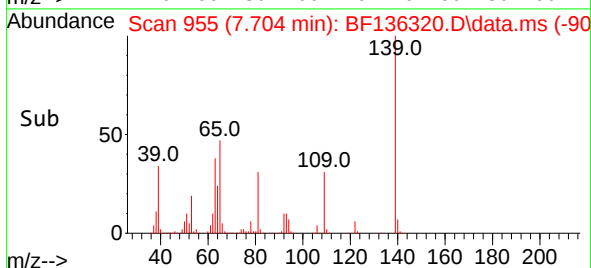
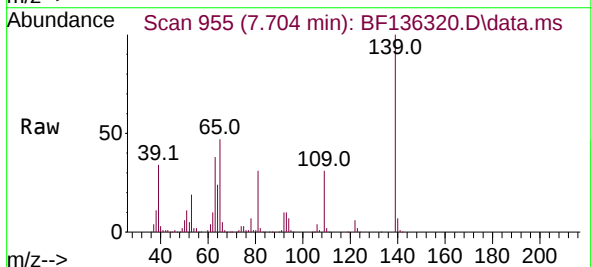


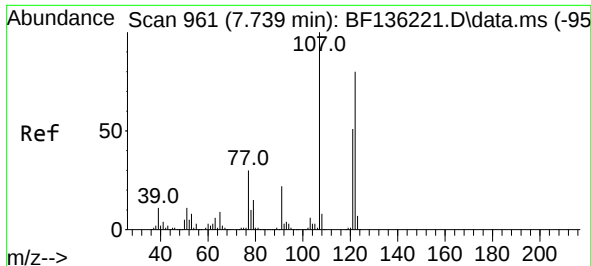
Tgt Ion: 82 Resp: 851703  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.5 8.3  
138 17.9 12.8 19.2



#26  
2-Nitrophenol  
Concen: 49.061 ng  
RT: 7.704 min Scan# 955  
Delta R.T. -0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Tgt Ion:139 Resp: 229467  
Ion Ratio Lower Upper  
139 100  
109 30.6 25.0 37.6  
65 47.1 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 55.247 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.000 min

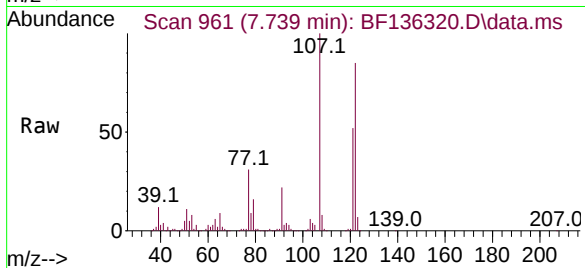
Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :



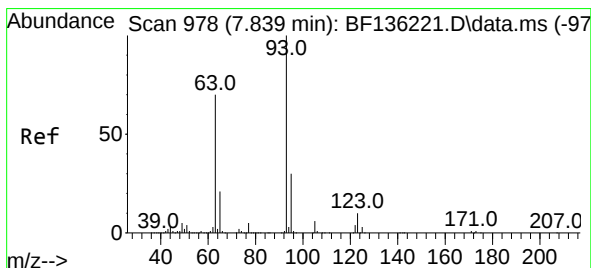
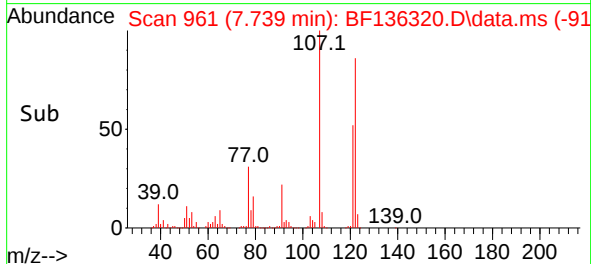
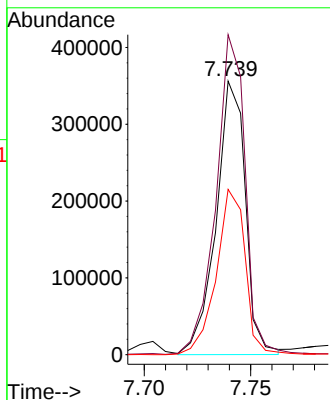
Tgt Ion:122 Resp: 340112

Ion Ratio Lower Upper

122 100

107 117.0 100.0 150.0

121 60.4 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.989 ng

RT: 7.839 min Scan# 978

Delta R.T. -0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

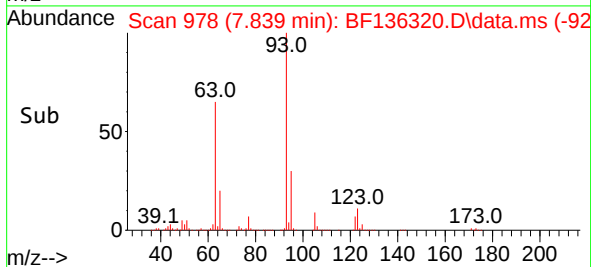
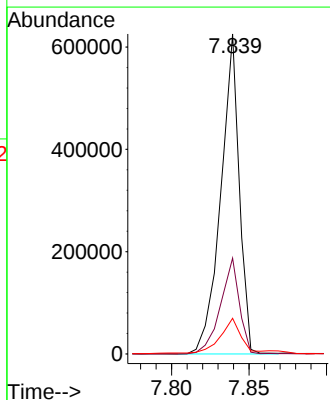
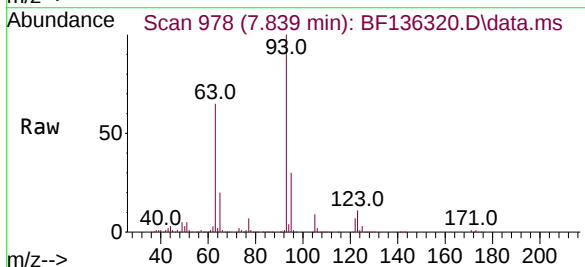
Tgt Ion: 93 Resp: 519719

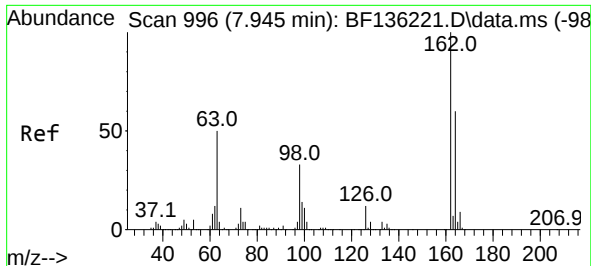
Ion Ratio Lower Upper

93 100

95 30.0 23.8 35.6

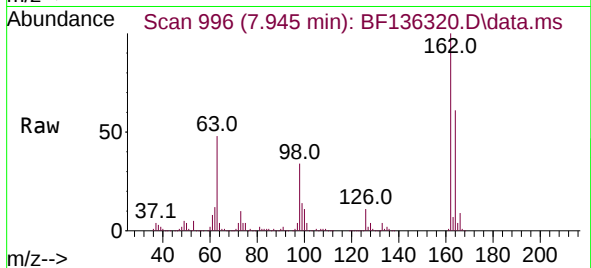
123 11.1 8.2 12.4



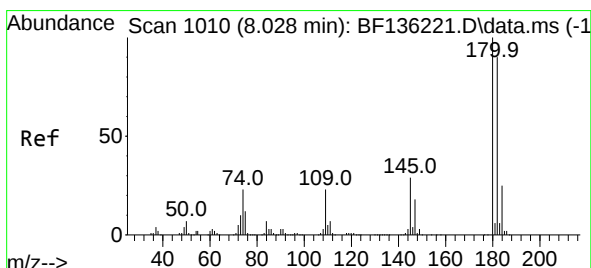
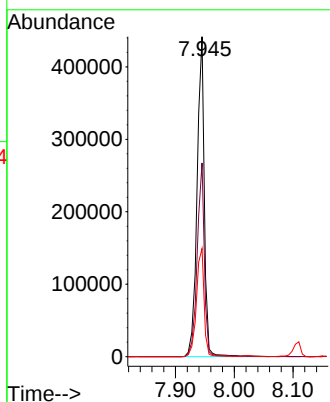
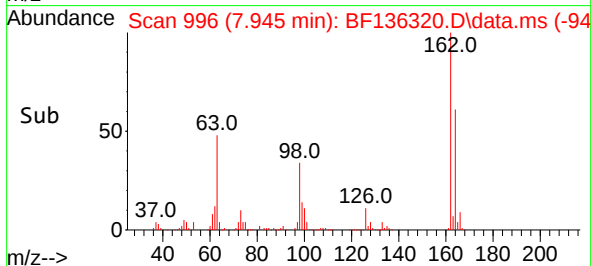


#29  
2,4-Dichlorophenol  
Concen: 45.756 ng  
RT: 7.945 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

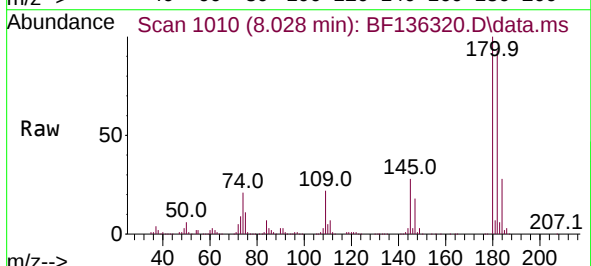
Instrument :  
BNA\_F  
ClientSampleId :



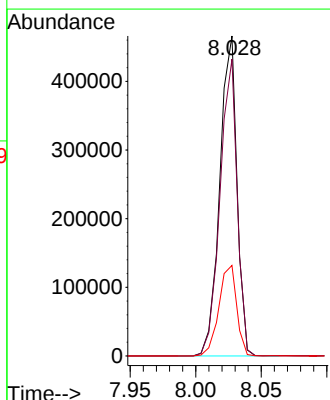
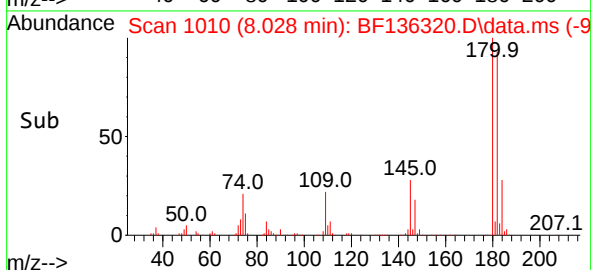
Tgt Ion:162 Resp: 379944  
Ion Ratio Lower Upper  
162 100  
164 60.6 40.3 80.3  
98 33.8 13.0 53.0

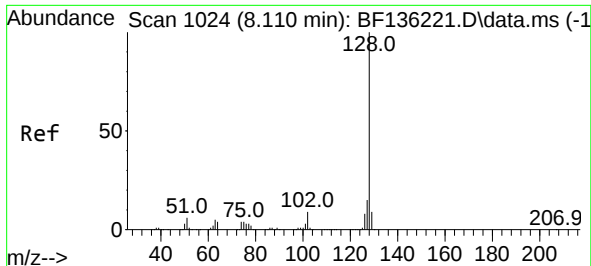


#30  
1,2,4-Trichlorobenzene  
Concen: 41.656 ng  
RT: 8.028 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37



Tgt Ion:180 Resp: 423485  
Ion Ratio Lower Upper  
180 100  
182 92.8 71.6 107.4  
145 28.3 23.0 34.4

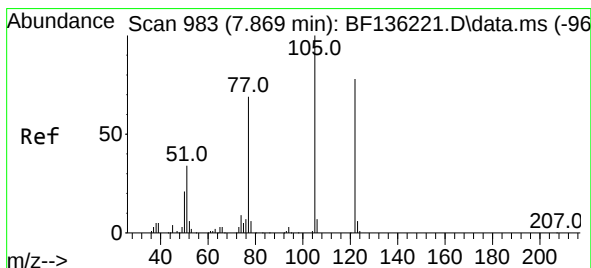
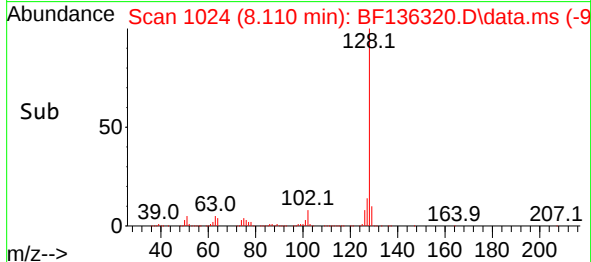
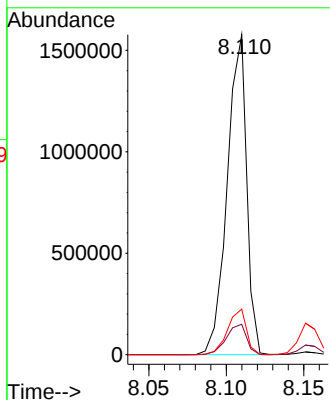
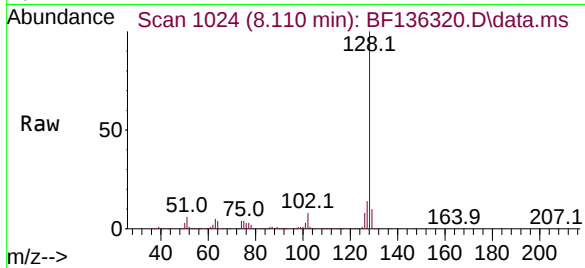




#31  
Naphthalene  
Concen: 42.732 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

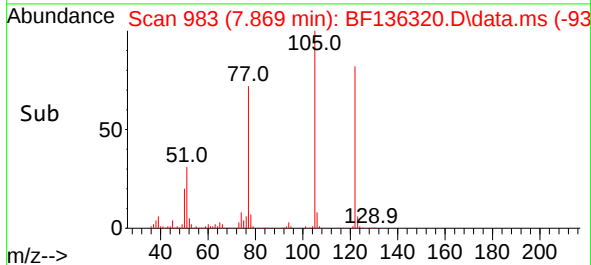
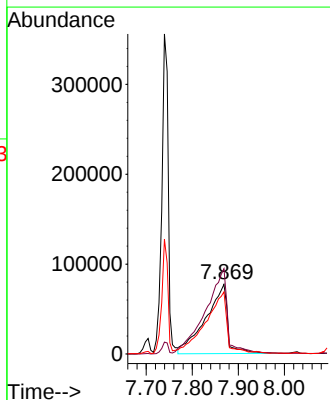
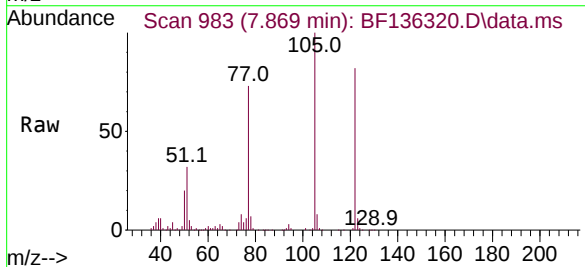
Instrument :  
BNA\_F  
ClientSampleId :

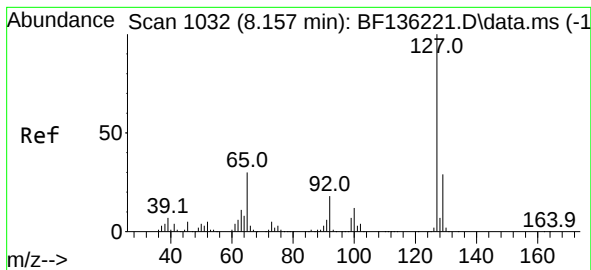
Tgt Ion:128 Resp: 1374876  
Ion Ratio Lower Upper  
128 100  
129 9.5 7.3 10.9  
127 14.3 11.8 17.6



#32  
Benzoic acid  
Concen: 45.834 ng  
RT: 7.869 min Scan# 983  
Delta R.T. -0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Tgt Ion:122 Resp: 257155  
Ion Ratio Lower Upper  
122 100  
105 122.5 103.7 143.7  
77 89.2 66.8 106.8





#33

4-Chloroaniline

Concen: 13.462 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:127 Resp: 147234

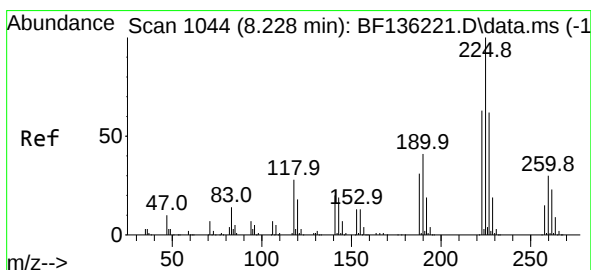
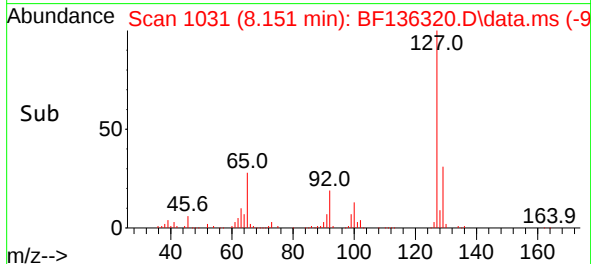
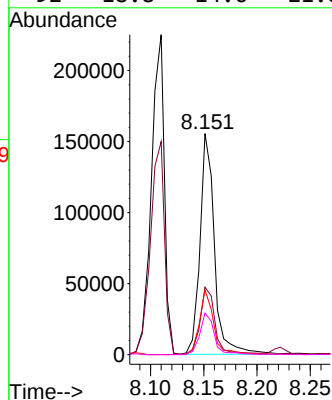
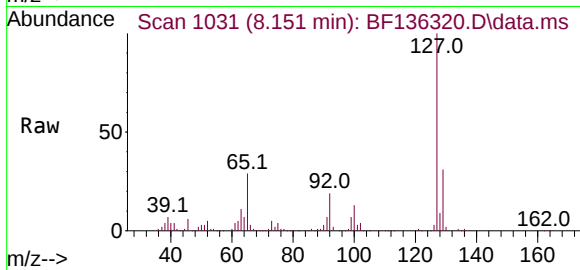
Ion Ratio Lower Upper

127 100

129 30.5 23.4 35.2

65 29.3 23.8 35.6

92 18.8 14.6 21.8



#34

Hexachlorobutadiene

Concen: 40.915 ng

RT: 8.222 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

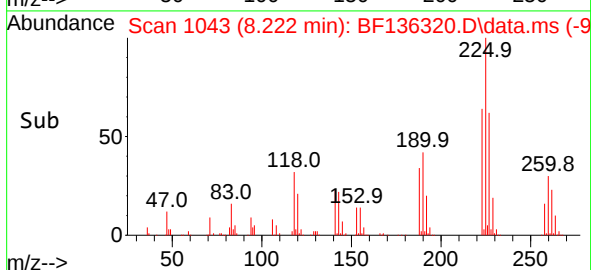
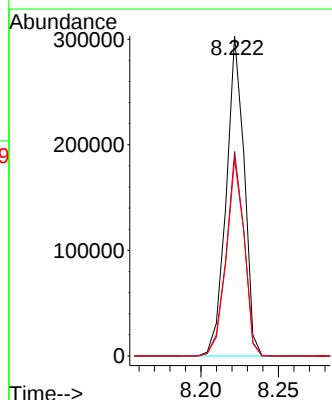
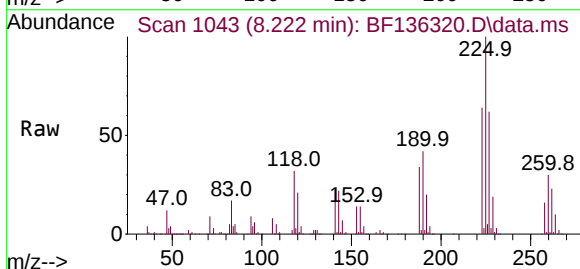
Tgt Ion:225 Resp: 243350

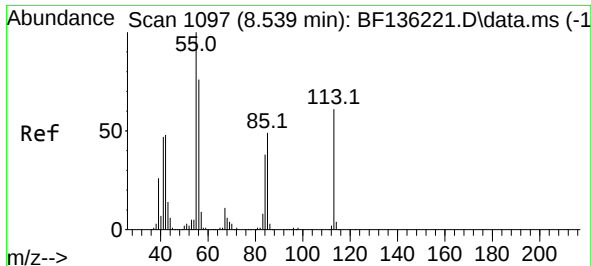
Ion Ratio Lower Upper

225 100

223 63.8 50.6 75.8

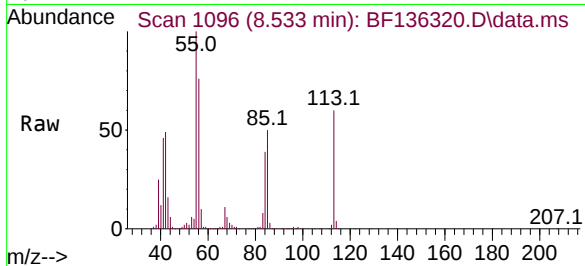
227 61.5 49.6 74.4



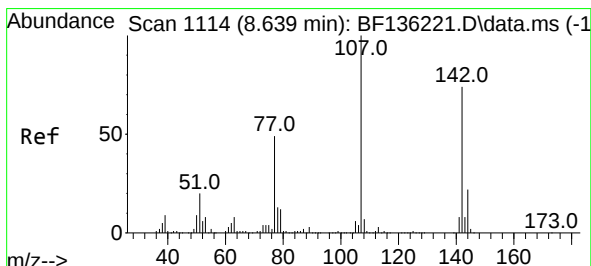
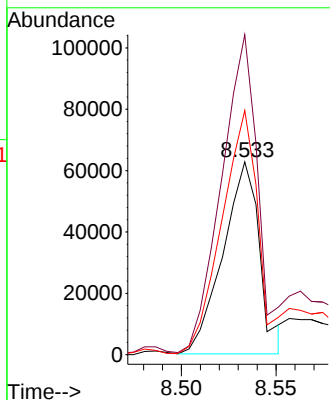
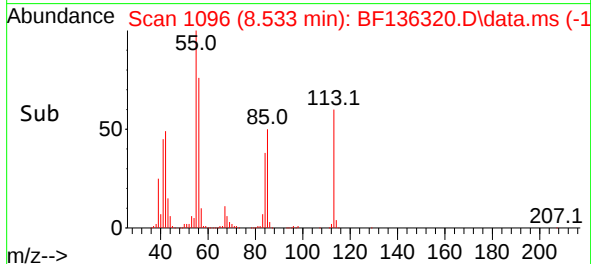


#35  
Caprolactam  
Concen: 36.132 ng  
RT: 8.533 min Scan# 1096  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Instrument :  
BNA\_F  
ClientSampleId :

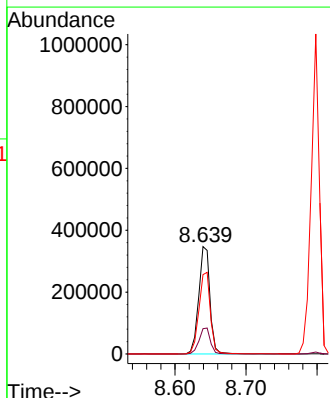
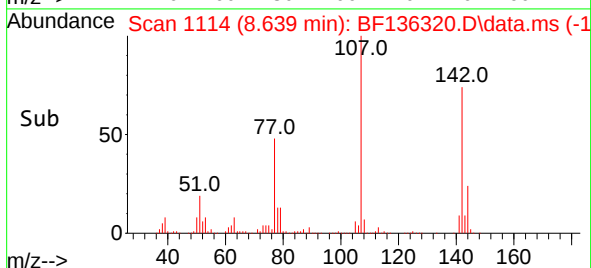
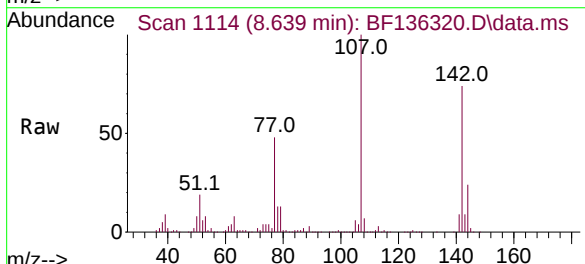


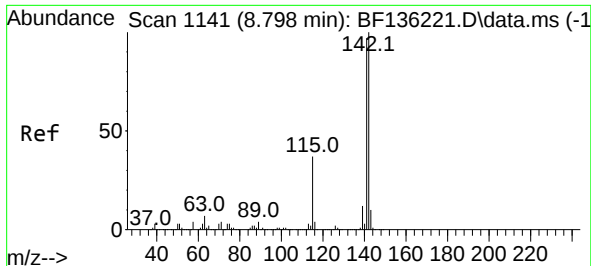
Tgt Ion:113 Resp: 83873  
Ion Ratio Lower Upper  
113 100  
55 166.0 143.1 183.1  
56 126.6 103.6 143.6



#36  
4-Chloro-3-methylphenol  
Concen: 42.547 ng  
RT: 8.639 min Scan# 1114  
Delta R.T. -0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Tgt Ion:107 Resp: 383168  
Ion Ratio Lower Upper  
107 100  
144 23.6 17.8 26.8  
142 74.0 59.4 89.0





#37

2-Methylnaphthalene

Concen: 41.262 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

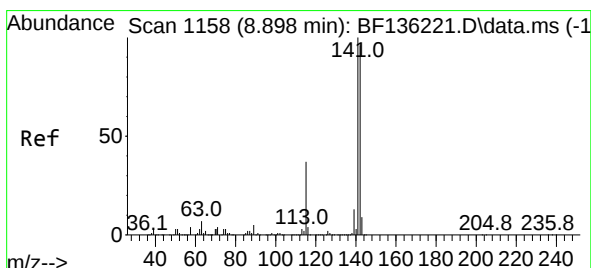
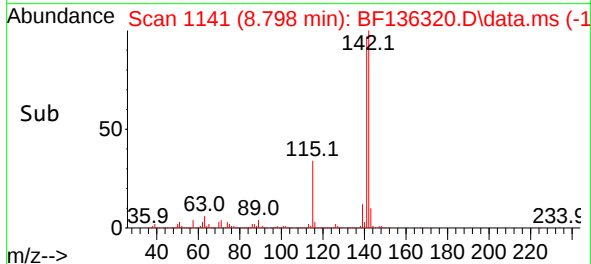
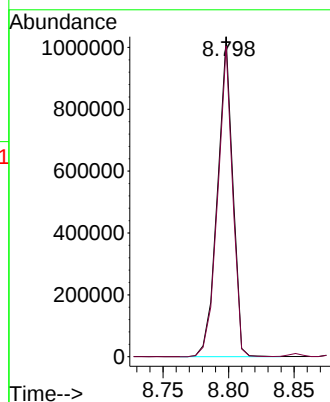
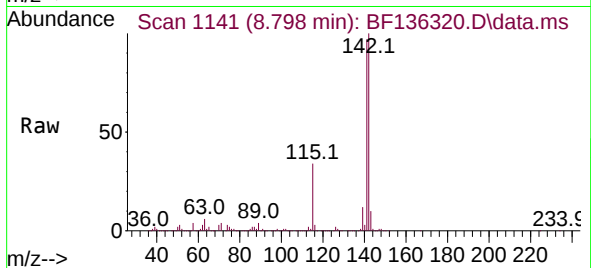
ClientSampleId :

Tgt Ion:142 Resp: 832787

Ion Ratio Lower Upper

142 100

141 97.1 77.8 116.8



#38

1-Methylnaphthalene

Concen: 41.352 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136320.D

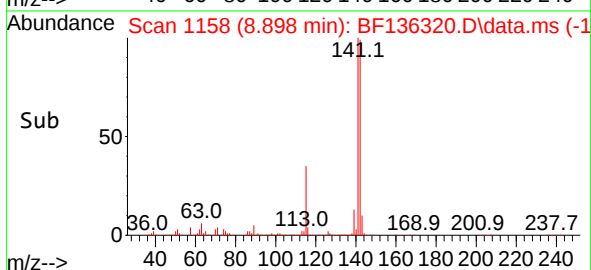
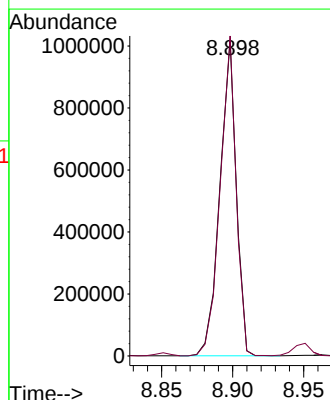
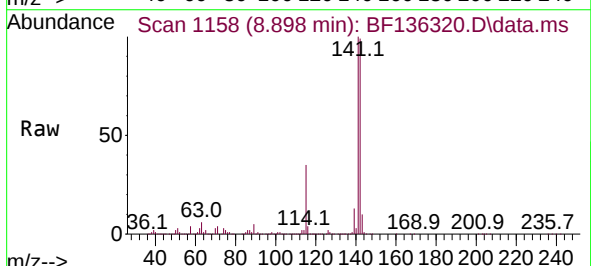
Acq: 30 Nov 2023 18:37

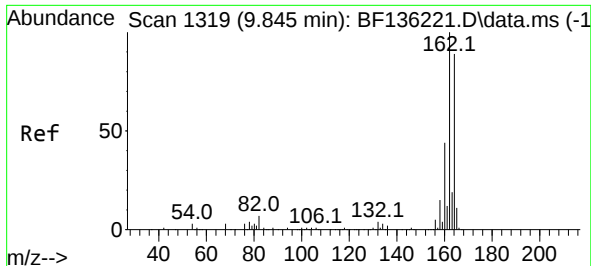
Tgt Ion:142 Resp: 814179

Ion Ratio Lower Upper

142 100

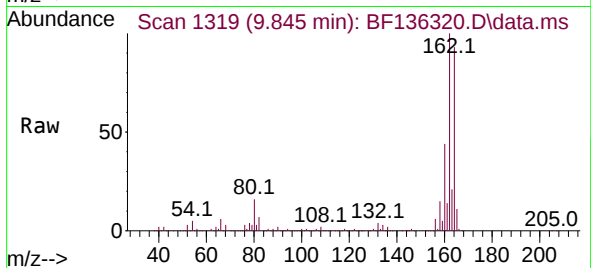
141 101.4 83.8 125.6



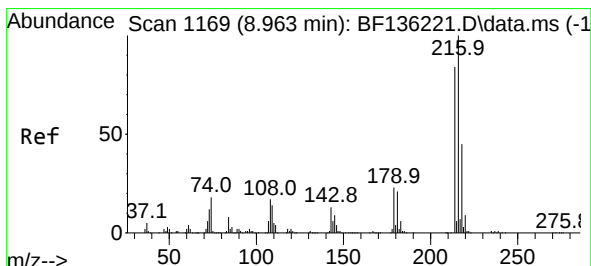
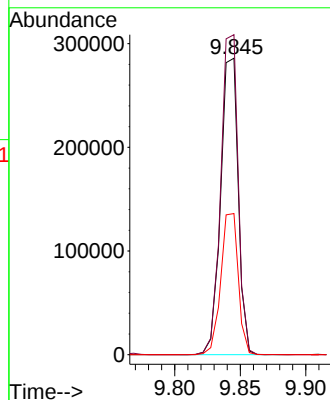
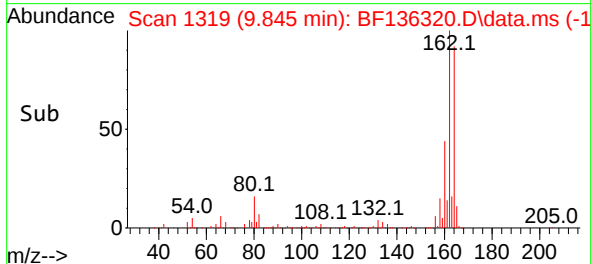


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.845 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

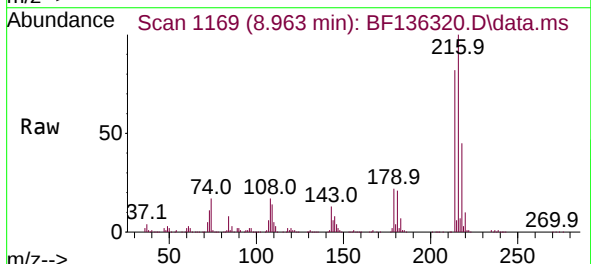
Instrument :  
BNA\_F  
ClientSampleId :



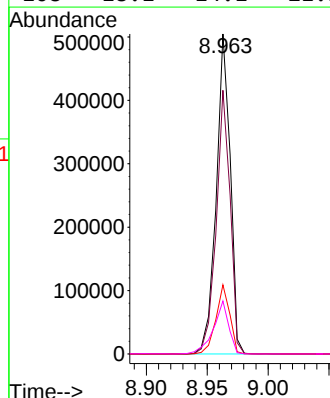
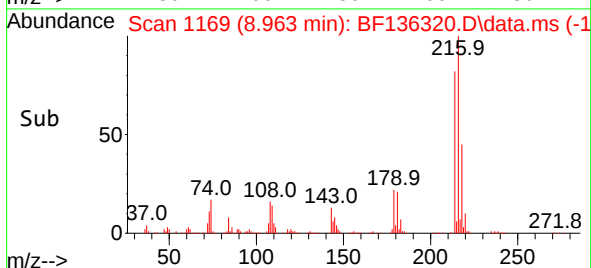
Tgt Ion:164 Resp: 266823  
Ion Ratio Lower Upper  
164 100  
162 107.9 89.5 134.3  
160 47.6 39.6 59.4

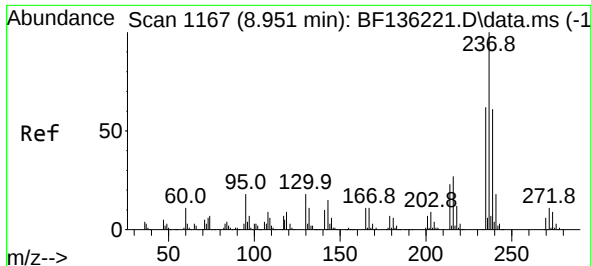


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.434 ng  
RT: 8.963 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37



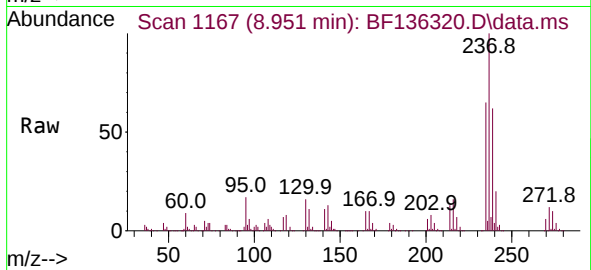
Tgt Ion:216 Resp: 402790  
Ion Ratio Lower Upper  
216 100  
214 81.5 65.8 98.8  
179 21.4 17.4 26.0  
108 18.1 14.1 21.1



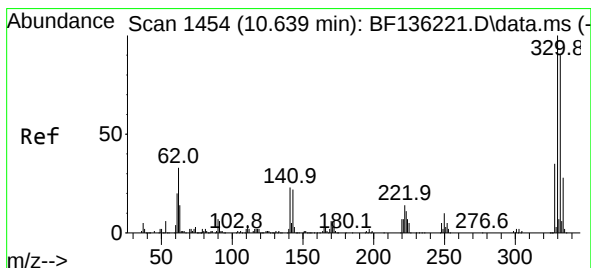
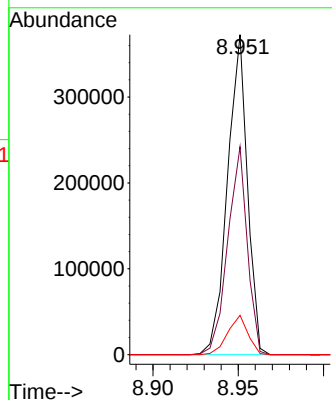
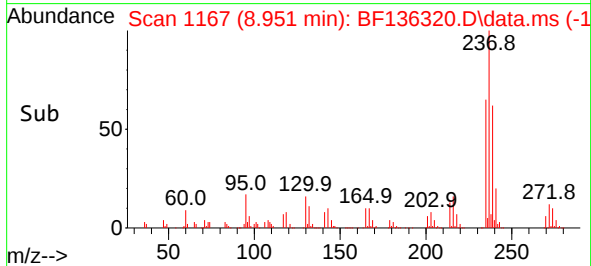


#41  
Hexachlorocyclopentadiene  
Concen: 92.532 ng  
RT: 8.951 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

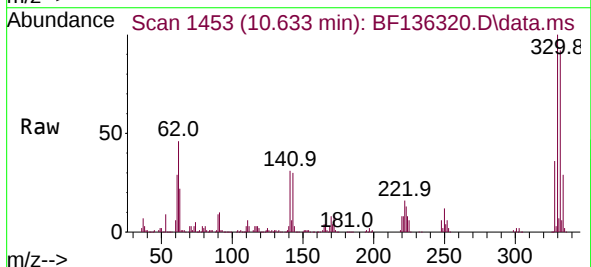
Instrument :  
BNA\_F  
ClientSampleId :



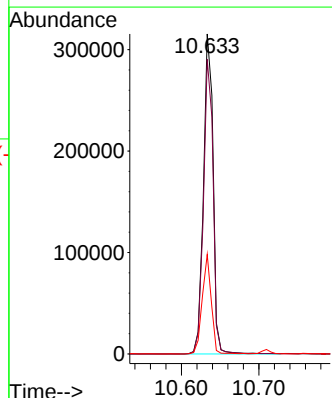
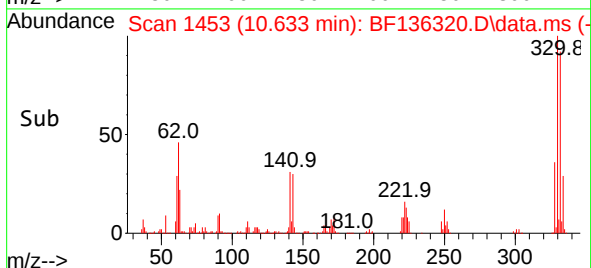
Tgt Ion:237 Resp: 302344  
Ion Ratio Lower Upper  
237 100  
235 65.0 42.1 82.1  
272 12.3 0.0 31.0

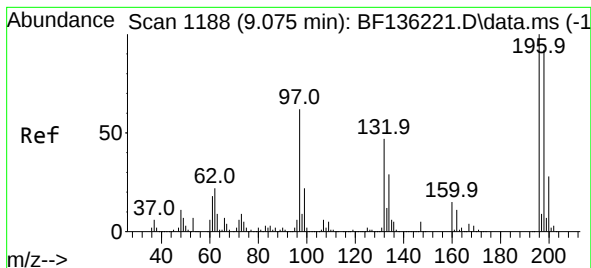


#42  
2,4,6-Tribromophenol  
Concen: 83.698 ng  
RT: 10.633 min Scan# 1453  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37



Tgt Ion:330 Resp: 273033  
Ion Ratio Lower Upper  
330 100  
332 91.9 73.0 109.6  
141 29.3 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 46.767 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

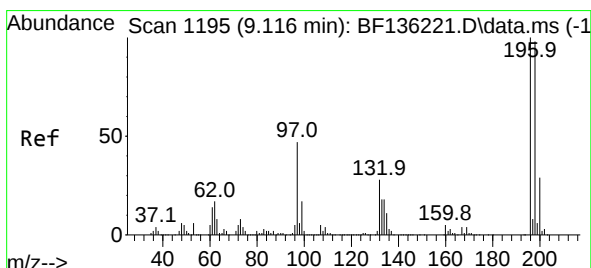
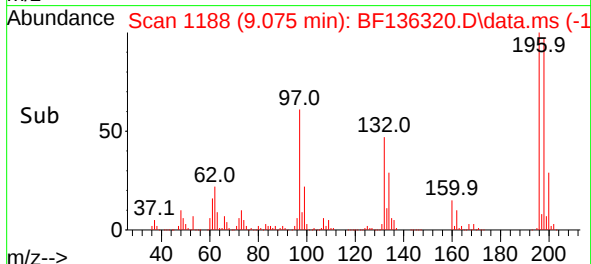
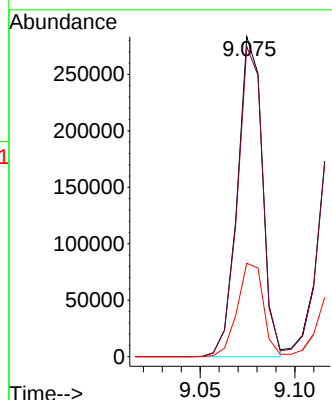
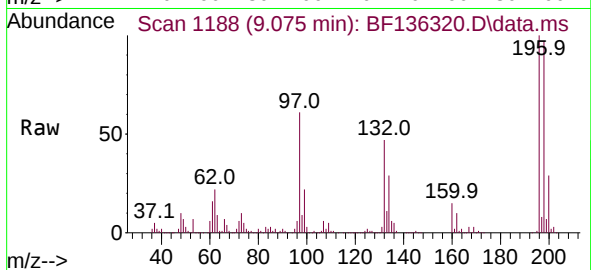
Tgt Ion:196 Resp: 257766

Ion Ratio Lower Upper

196 100

198 96.9 73.2 109.8

200 29.2 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 45.051 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Tgt Ion:196 Resp: 270973

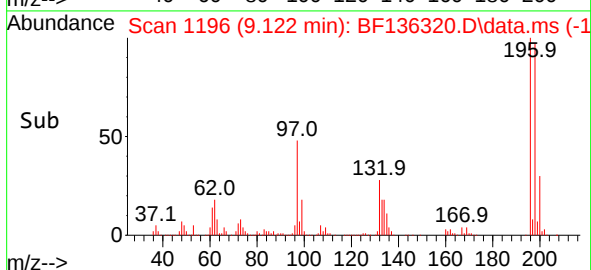
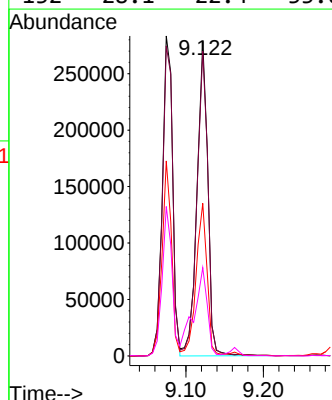
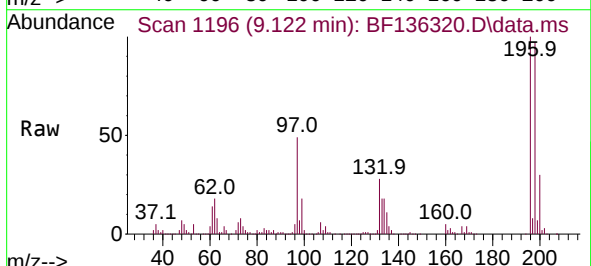
Ion Ratio Lower Upper

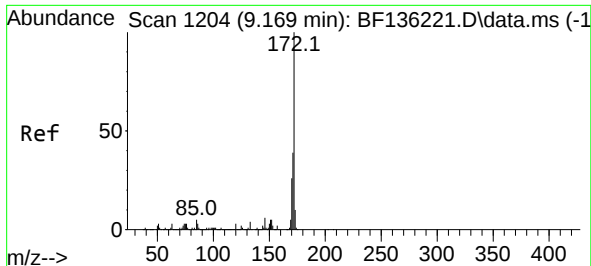
196 100

198 96.8 78.8 118.2

97 48.5 37.8 56.8

132 28.1 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 60.472 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

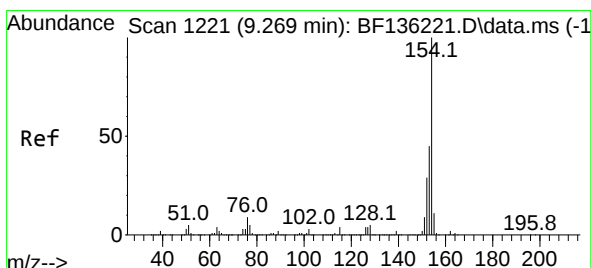
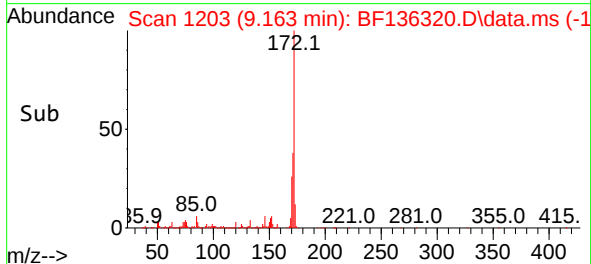
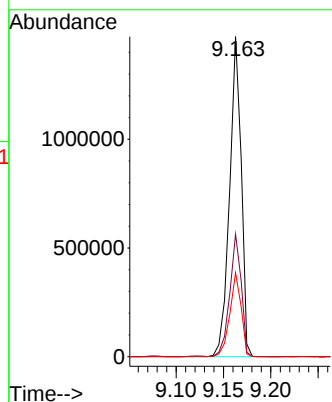
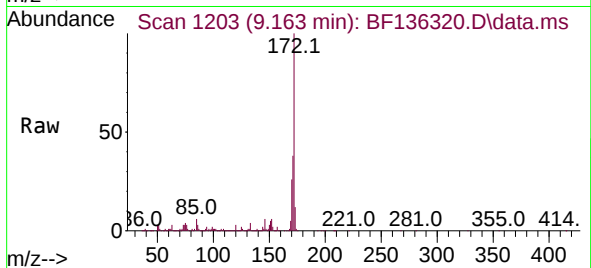
Tgt Ion:172 Resp: 1263228

Ion Ratio Lower Upper

172 100

171 38.3 31.5 47.3

170 26.2 20.8 31.2



#46

1,1'-Biphenyl

Concen: 46.491 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

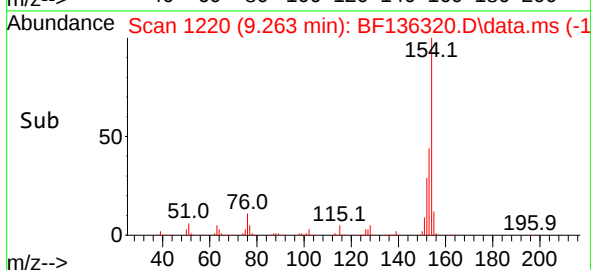
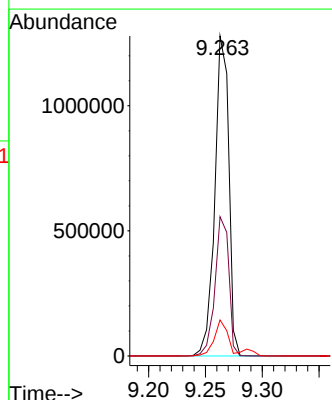
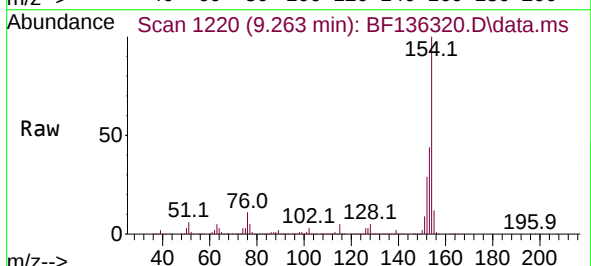
Tgt Ion:154 Resp: 1093916

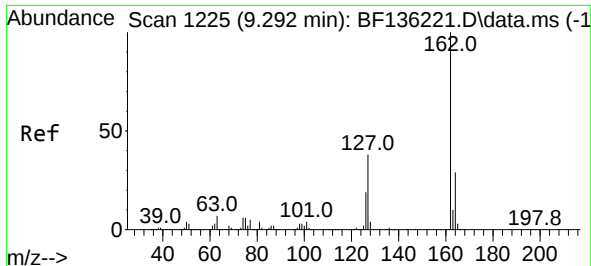
Ion Ratio Lower Upper

154 100

153 43.5 24.6 64.6

76 11.3 0.0 29.4





#47

2-Chloronaphthalene

Concen: 44.295 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

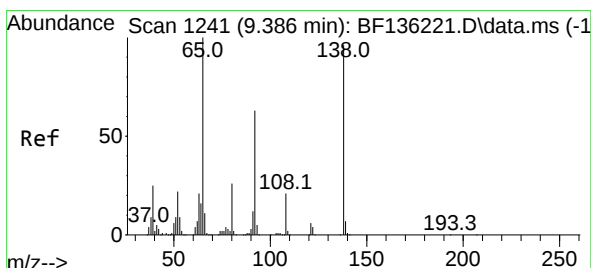
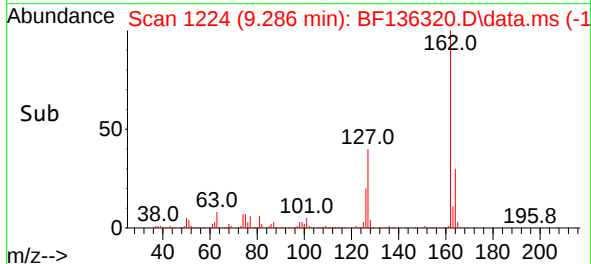
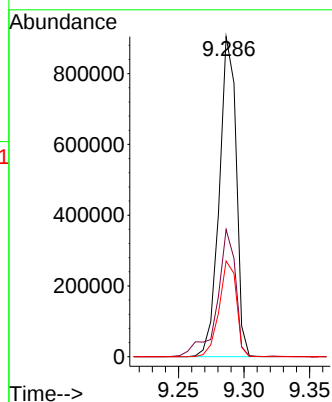
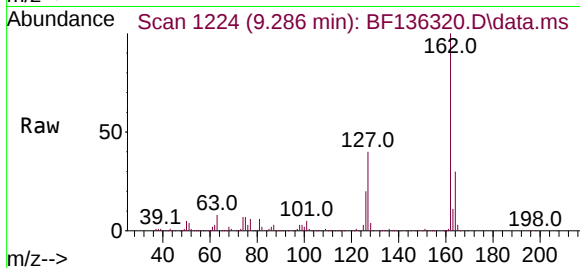
Tgt Ion:162 Resp: 809392

Ion Ratio Lower Upper

162 100

127 39.8 30.2 45.2

164 29.9 22.8 34.2



#48

2-Nitroaniline

Concen: 45.915 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

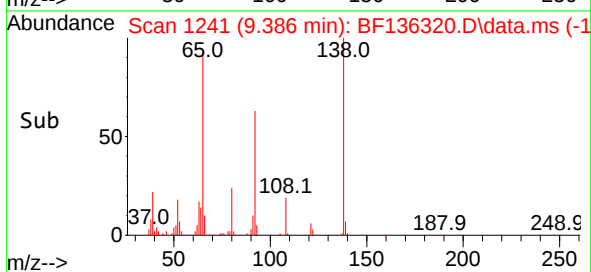
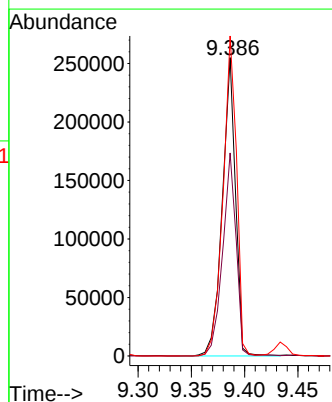
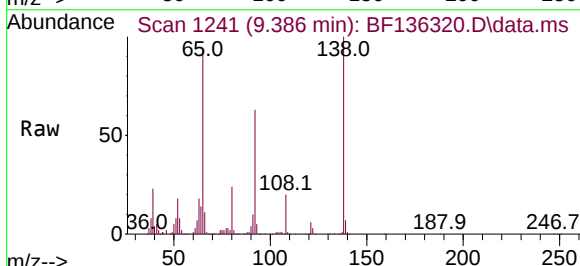
Tgt Ion: 65 Resp: 219049

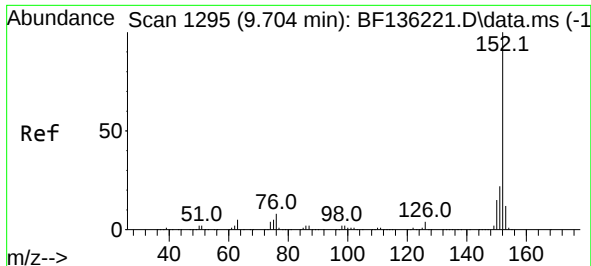
Ion Ratio Lower Upper

65 100

92 68.0 50.6 75.8

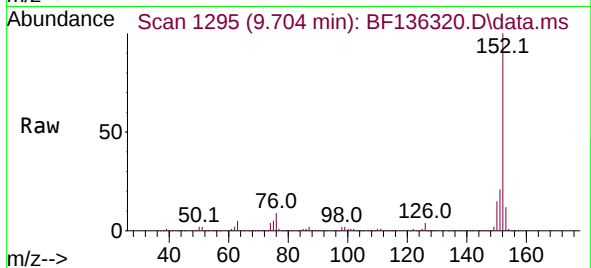
138 107.3 76.7 115.1





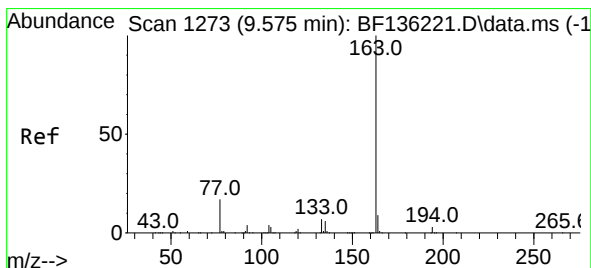
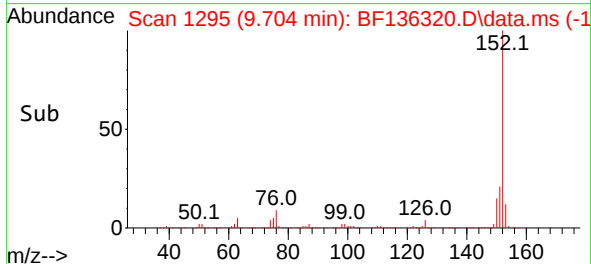
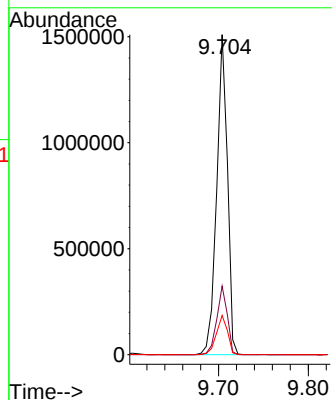
#49  
Acenaphthylene  
Concen: 47.935 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:152 Resp: 1249988

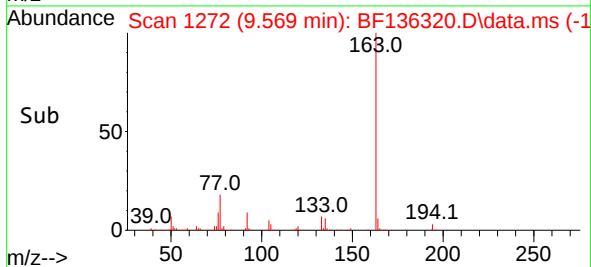
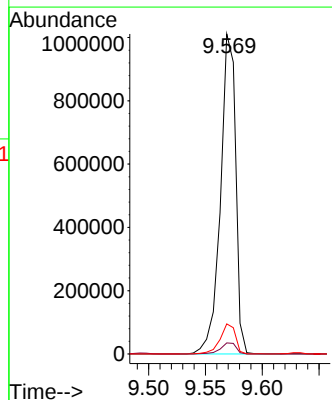
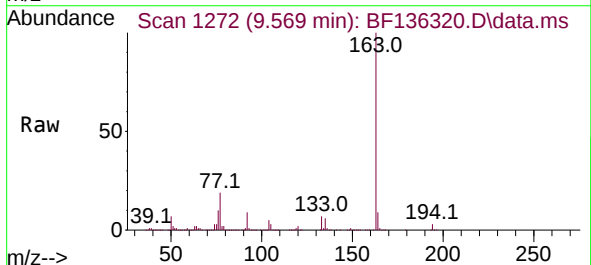
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.5  | 17.5  | 26.3  |
| 153 | 12.3  | 9.6   | 14.4  |

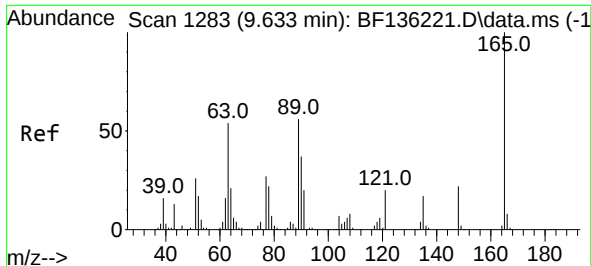


#50  
Dimethylphthalate  
Concen: 46.968 ng  
RT: 9.569 min Scan# 1272  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Tgt Ion:163 Resp: 947199

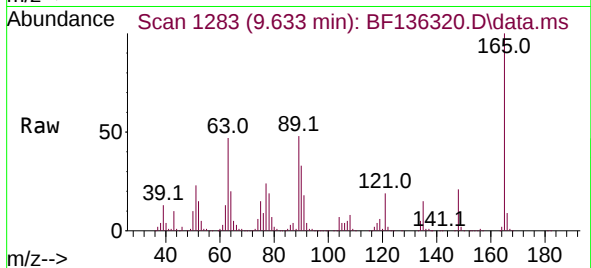
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.5   | 2.5   | 3.7   |
| 164 | 9.4   | 7.0   | 10.6  |



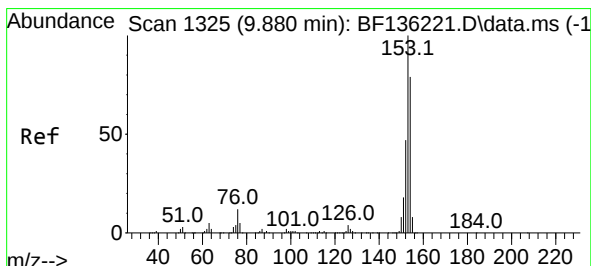
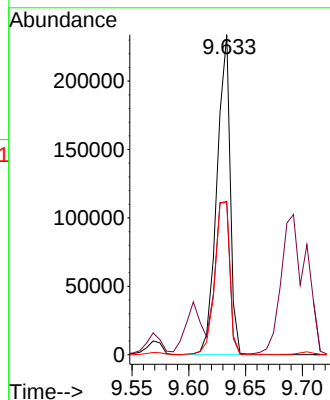
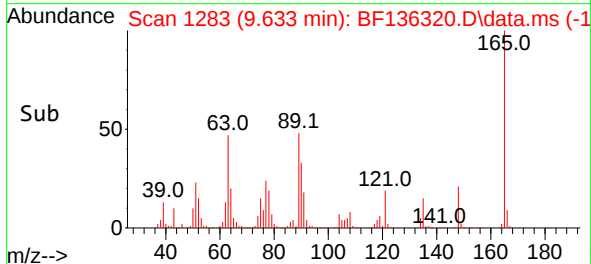


#51  
2,6-Dinitrotoluene  
Concen: 46.151 ng  
RT: 9.633 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

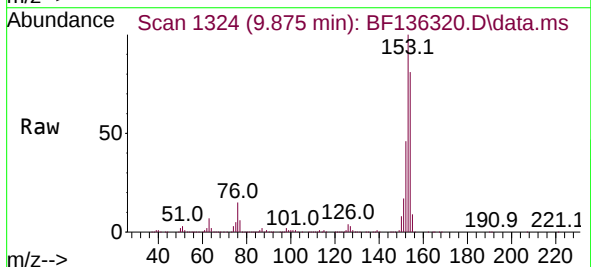
Instrument :  
BNA\_F  
ClientSampleId :



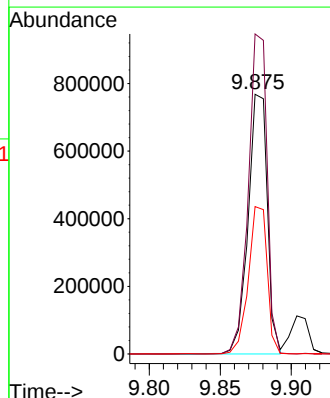
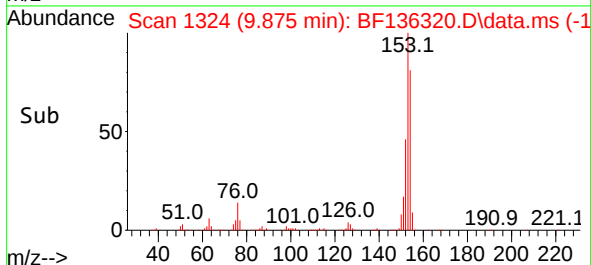
Tgt Ion:165 Resp: 190140  
Ion Ratio Lower Upper  
165 100  
63 47.5 46.2 69.2  
89 47.9 44.9 67.3

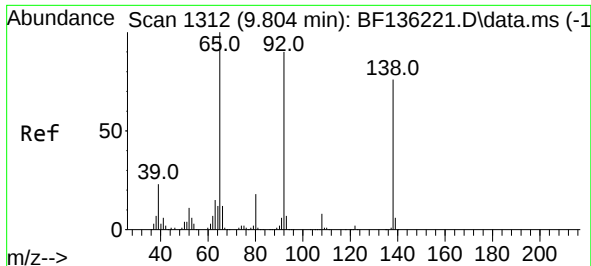


#52  
Acenaphthene  
Concen: 43.839 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37



Tgt Ion:154 Resp: 722430  
Ion Ratio Lower Upper  
154 100  
153 123.2 100.8 151.2  
152 56.8 47.0 70.6

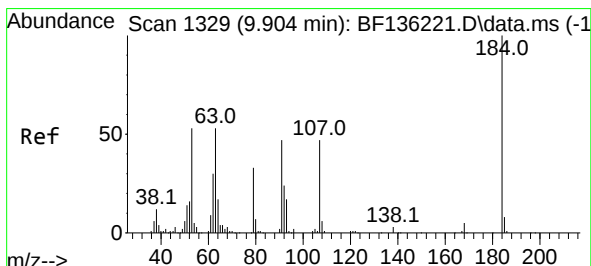
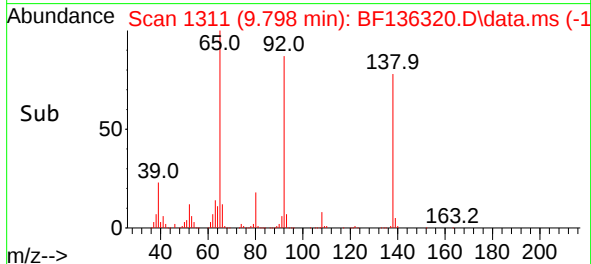
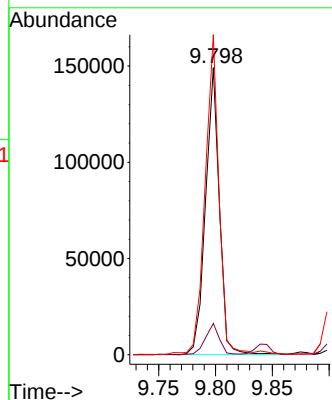
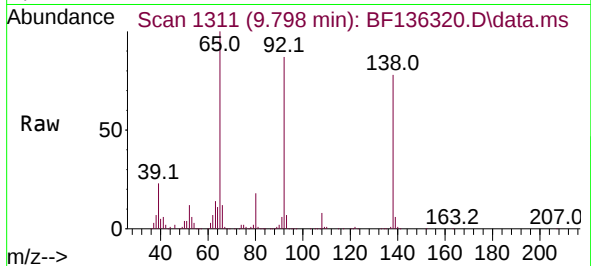




#53  
3-Nitroaniline  
Concen: 30.862 ng  
RT: 9.798 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

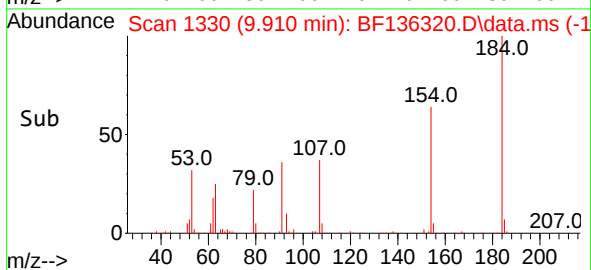
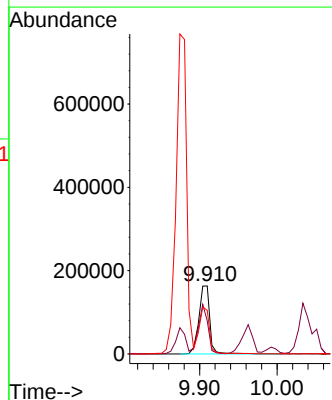
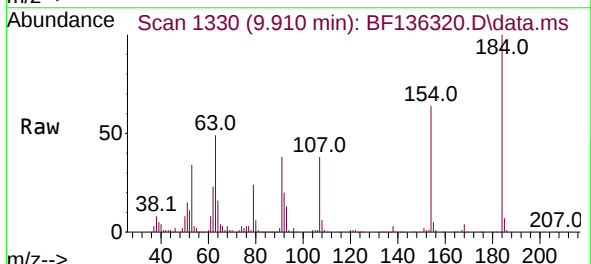
Instrument :  
BNA\_F  
ClientSampleId :

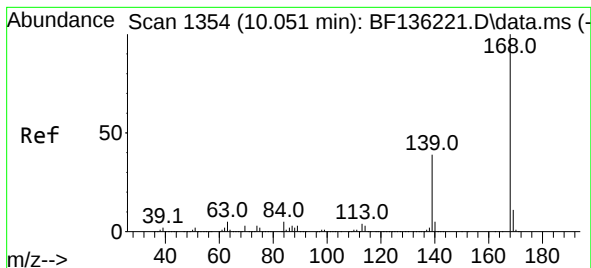
Tgt Ion:138 Resp: 126164  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.7 13.1  
92 111.4 94.2 141.4



#54  
2,4-Dinitrophenol  
Concen: 83.410 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Tgt Ion:184 Resp: 159825  
Ion Ratio Lower Upper  
184 100  
63 48.8 55.0 82.4#  
154 64.2 54.9 82.3





#55

Dibenzenofuran

Concen: 43.514 ng

RT: 10.051 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

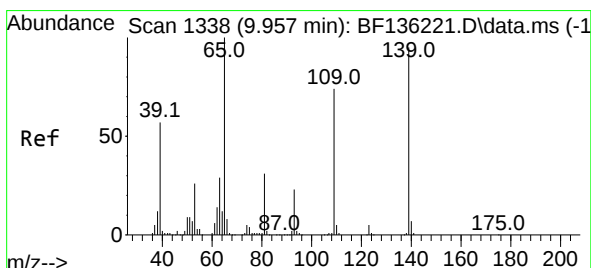
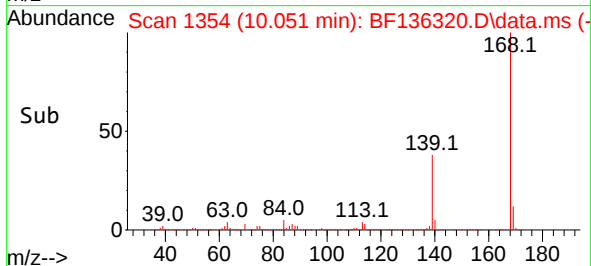
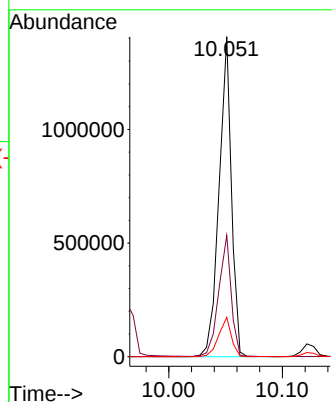
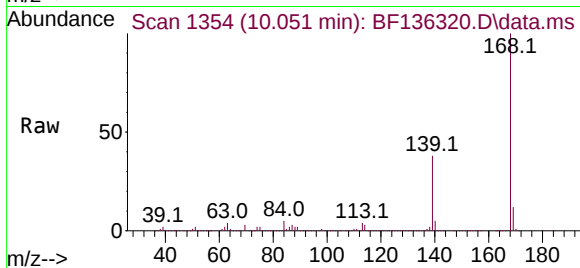
Tgt Ion:168 Resp: 1067028

Ion Ratio Lower Upper

168 100

139 37.9 30.9 46.3

169 12.3 9.1 13.7



#56

4-Nitrophenol

Concen: 81.545 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

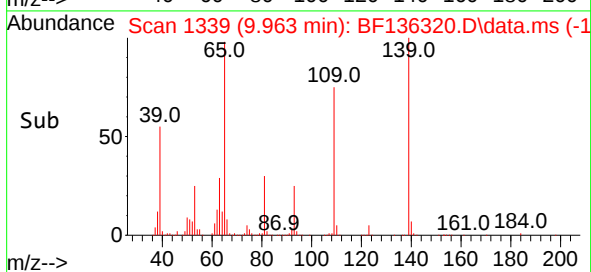
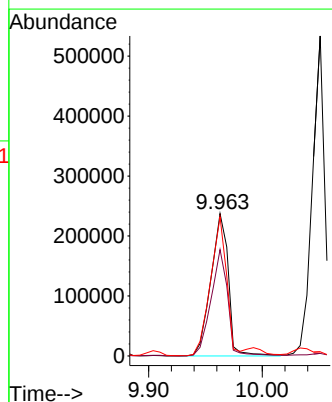
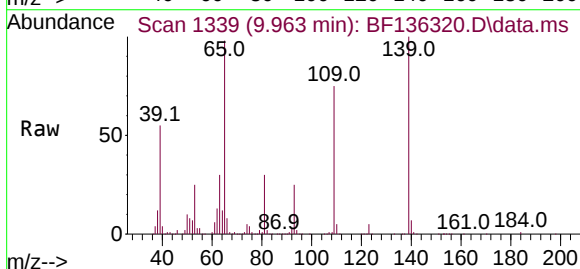
Tgt Ion:139 Resp: 253183

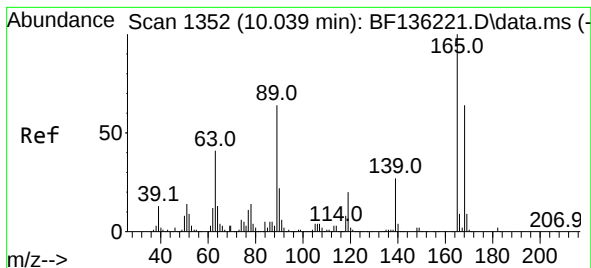
Ion Ratio Lower Upper

139 100

109 74.8 57.8 97.8

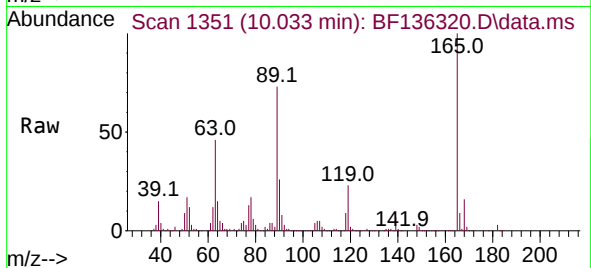
65 97.7 86.0 126.0



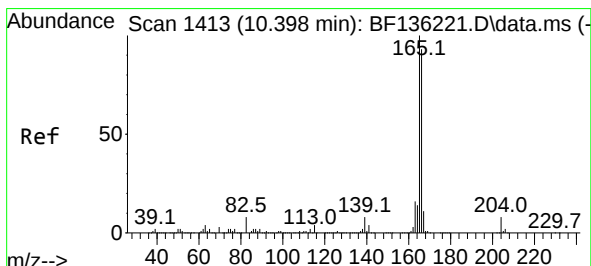
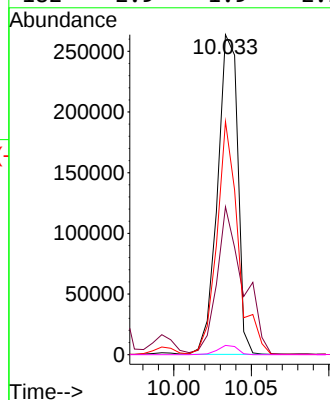
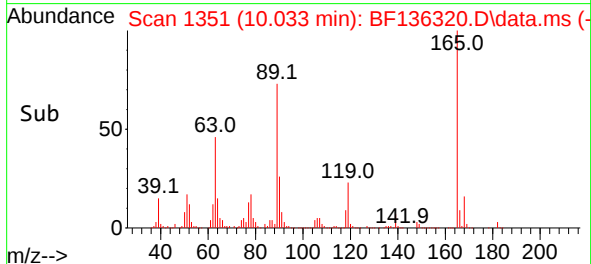


#57  
2,4-Dinitrotoluene  
Concen: 43.608 ng  
RT: 10.033 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

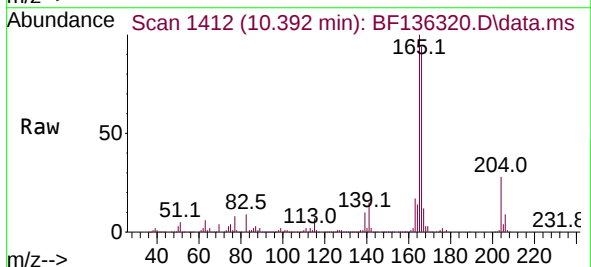
Instrument :  
BNA\_F  
ClientSampleId :



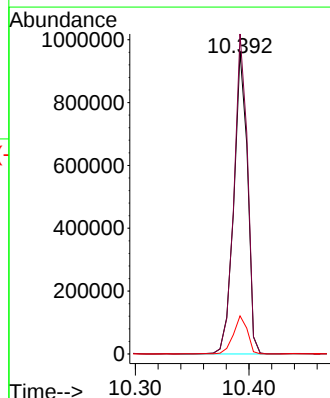
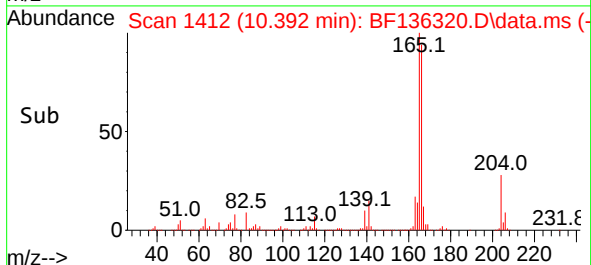
Tgt Ion:165 Resp: 239989  
Ion Ratio Lower Upper  
165 100  
63 46.2 33.0 49.4  
89 72.8 51.5 77.3  
182 2.9 1.9 2.9#

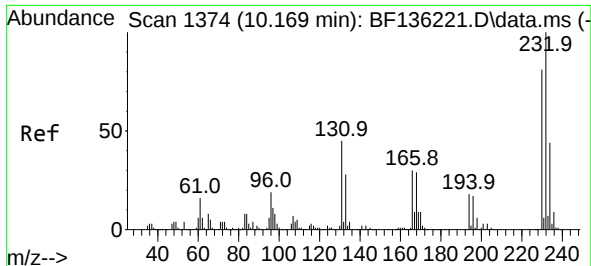


#58  
Fluorene  
Concen: 41.598 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37



Tgt Ion:166 Resp: 800107  
Ion Ratio Lower Upper  
166 100  
165 106.1 86.2 129.4  
167 12.6 9.1 13.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.132 ng

RT: 10.169 min Scan# 1374

Delta R.T. -0.000 min

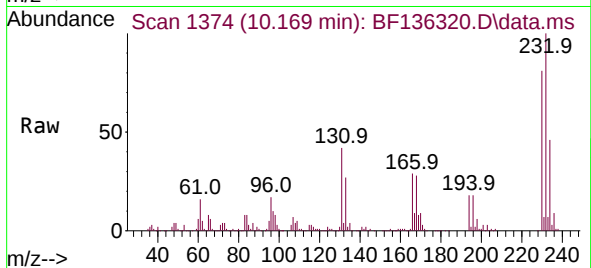
Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:232 Resp: 206418

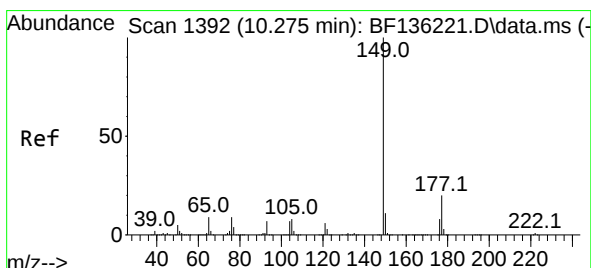
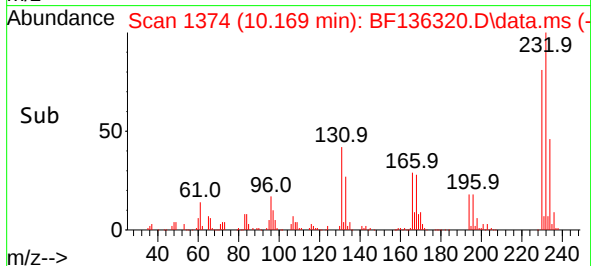
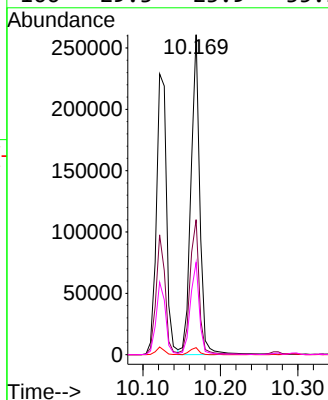
Ion Ratio Lower Upper

232 100

131 43.8 36.4 54.6

130 2.3 1.9 2.9

166 29.3 23.9 35.9



#60

Diethylphthalate

Concen: 44.369 ng

RT: 10.275 min Scan# 1392

Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

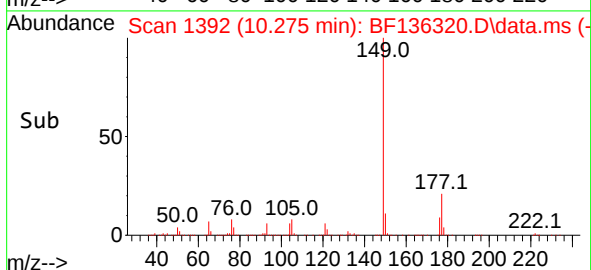
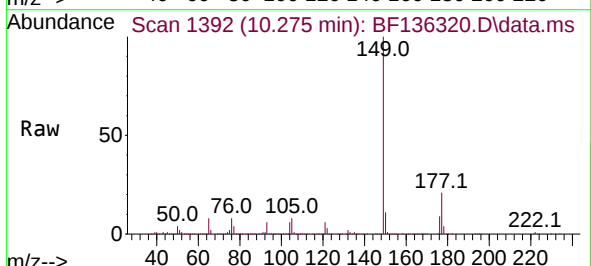
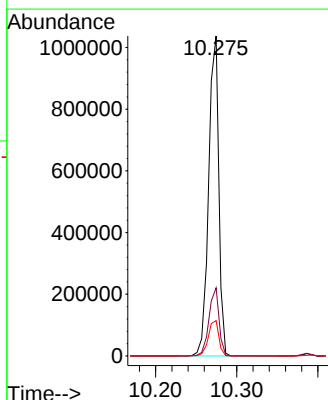
Tgt Ion:149 Resp: 895062

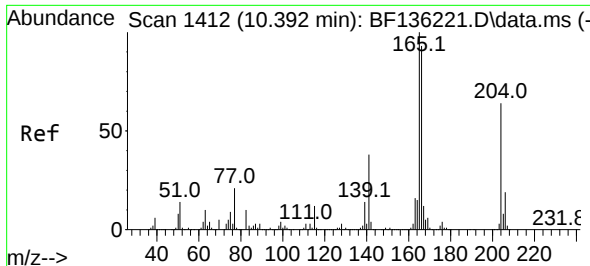
Ion Ratio Lower Upper

149 100

177 21.3 15.8 23.6

150 11.1 8.8 13.2

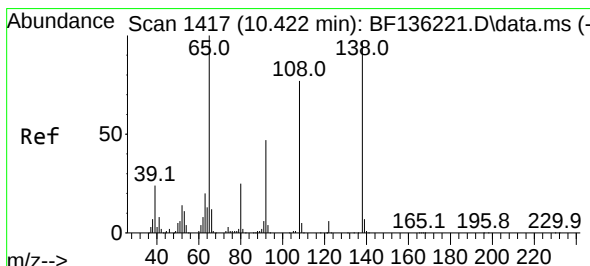
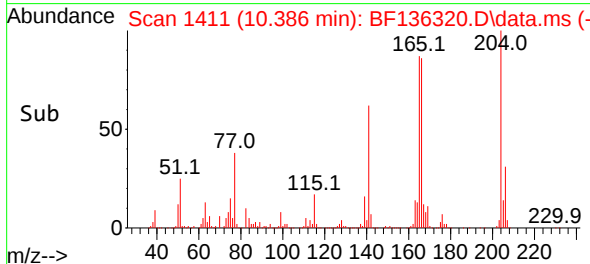
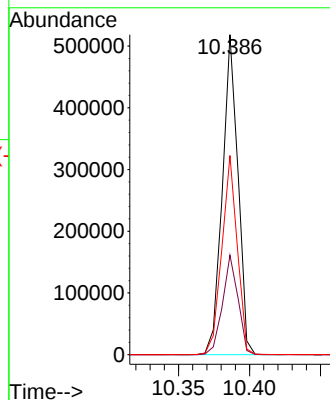
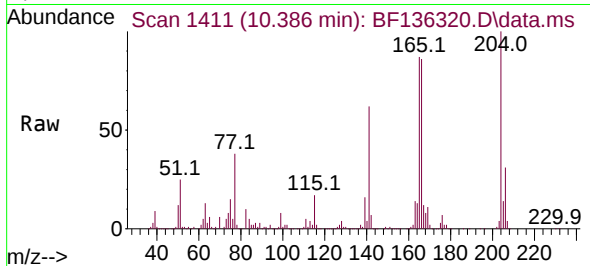




#61  
4-Chlorophenyl-phenylether  
Concen: 42.148 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

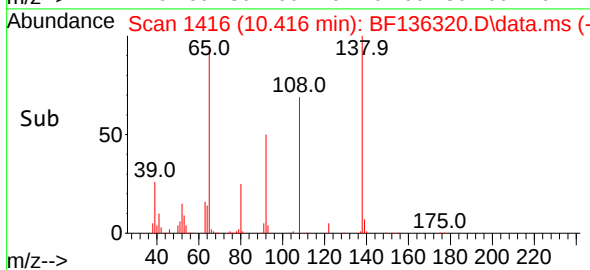
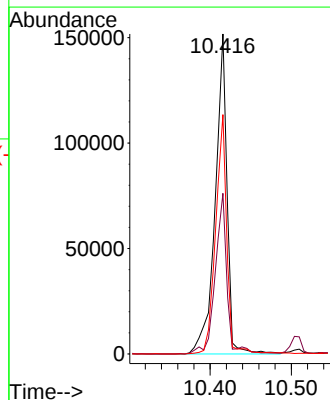
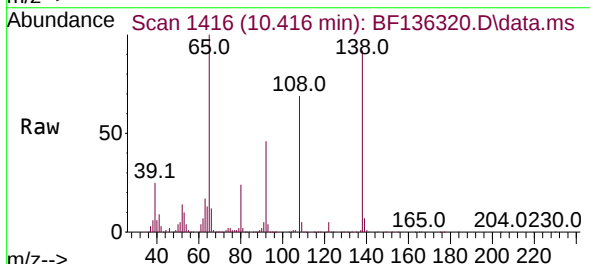
Instrument :  
BNA\_F  
ClientSampleId :

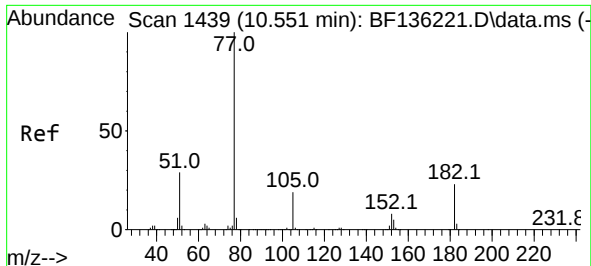
Tgt Ion:204 Resp: 393698  
Ion Ratio Lower Upper  
204 100  
206 31.1 23.4 35.0  
141 62.2 47.6 71.4



#62  
4-Nitroaniline  
Concen: 38.451 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Tgt Ion:138 Resp: 153862  
Ion Ratio Lower Upper  
138 100  
92 50.2 28.5 68.5  
108 74.8 59.8 99.8

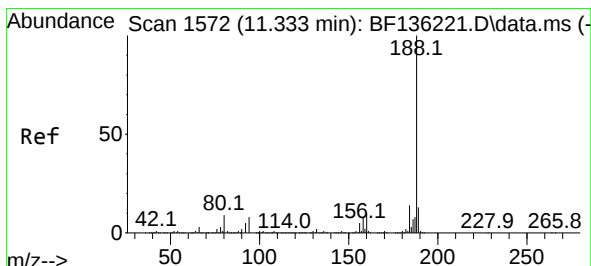
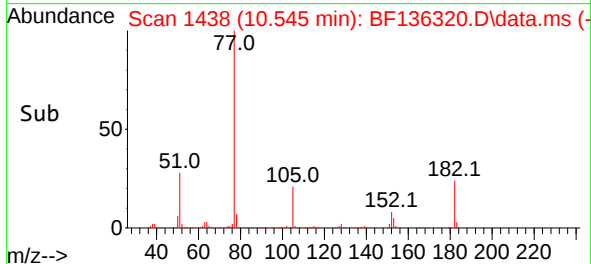
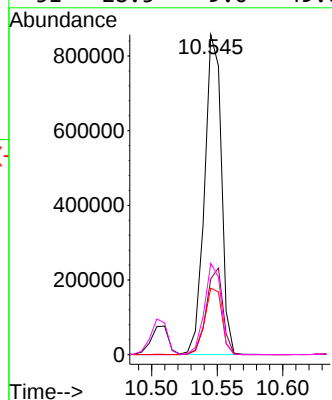
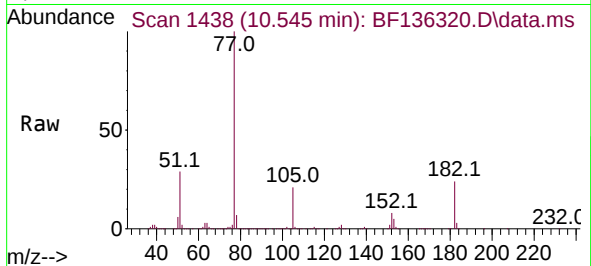




#63  
Azobenzene  
Concen: 40.946 ng  
RT: 10.545 min Scan# 1439  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

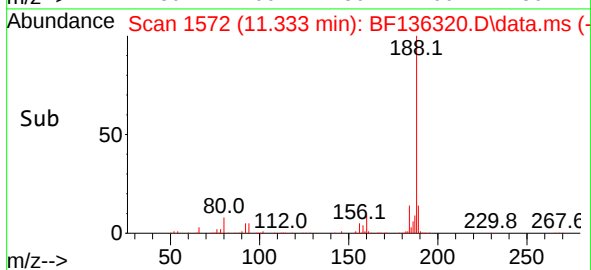
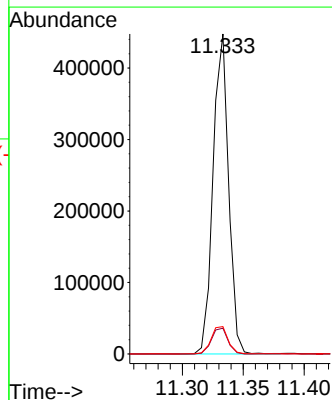
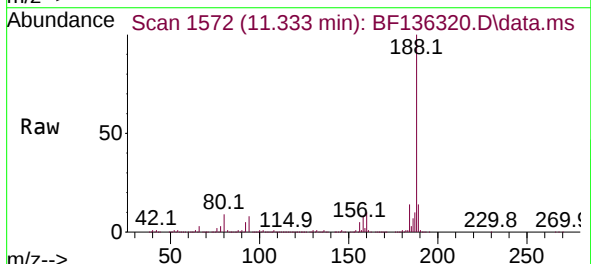
Instrument :  
BNA\_F  
ClientSampleId :

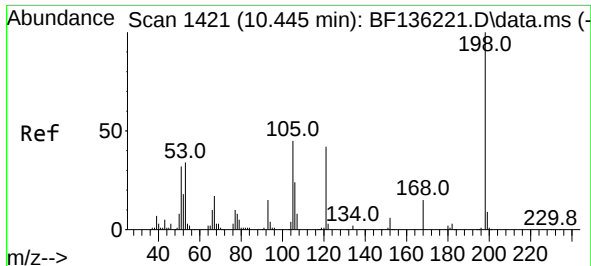
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 765783 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 23.7    | 3.3 43.3     |
| 105 20.8    | 0.0 39.5     |
| 51 28.5     | 9.0 49.0     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 396350 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.1      | 6.7 10.1     |
| 80 8.6      | 7.2 10.8     |

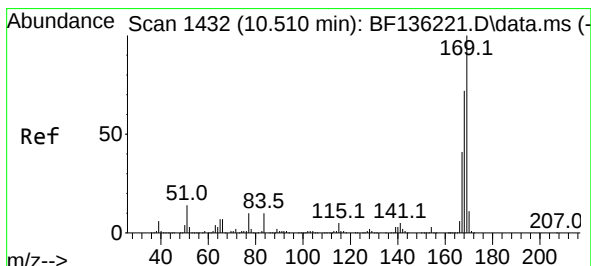
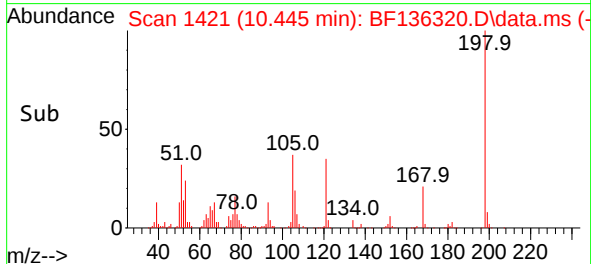
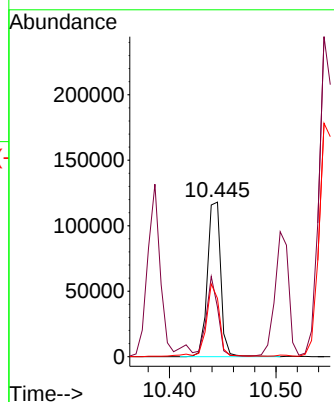
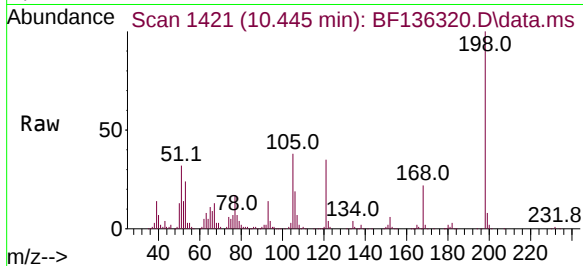




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.465 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

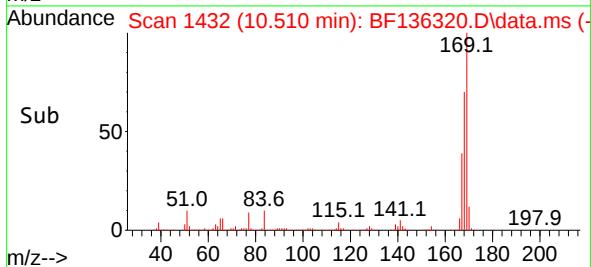
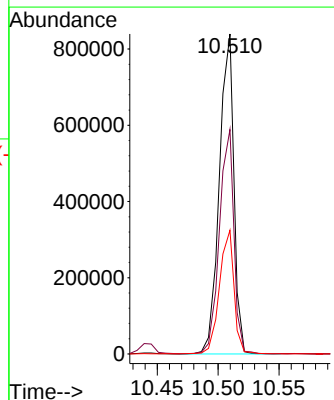
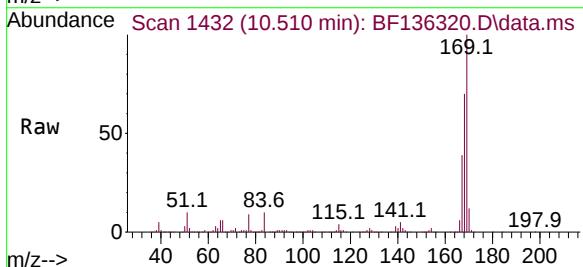
Instrument :  
BNA\_F  
ClientSampleId :

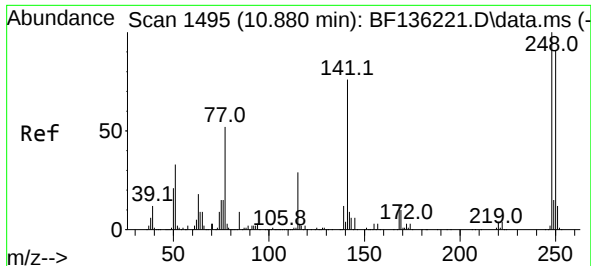
Tgt Ion:198 Resp: 102877  
Ion Ratio Lower Upper  
198 100  
51 32.0 28.2 68.2  
105 37.7 25.7 65.7



#66  
n-Nitrosodiphenylamine  
Concen: 55.187 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Tgt Ion:169 Resp: 700959  
Ion Ratio Lower Upper  
169 100  
168 70.1 57.8 86.6  
167 38.6 32.7 49.1

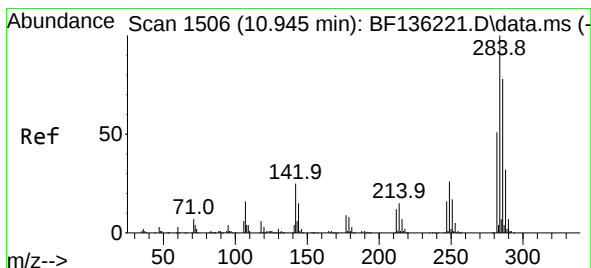
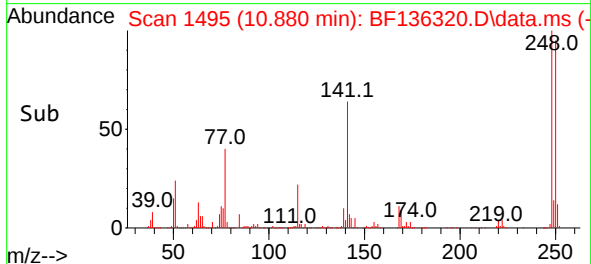
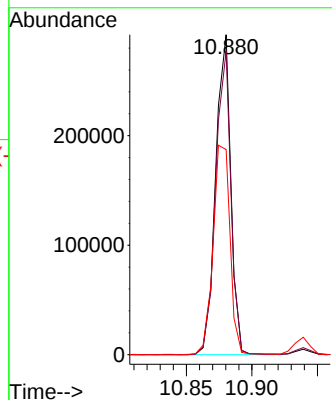
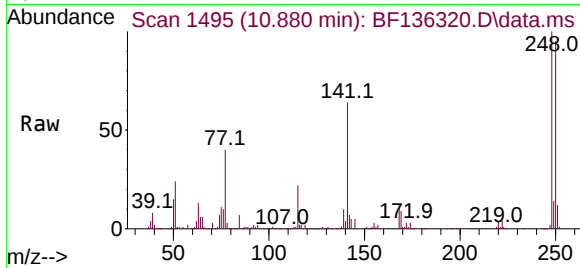




#67  
4-Bromophenyl-phenylether  
Concen: 50.775 ng  
RT: 10.880 min Scan# 1495  
Delta R.T. -0.000 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

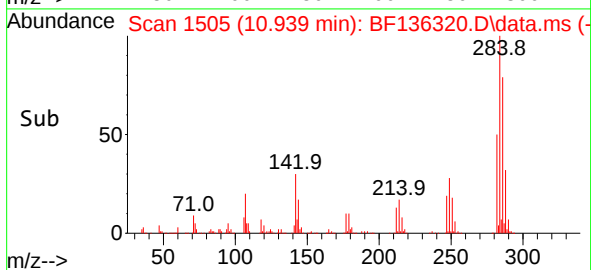
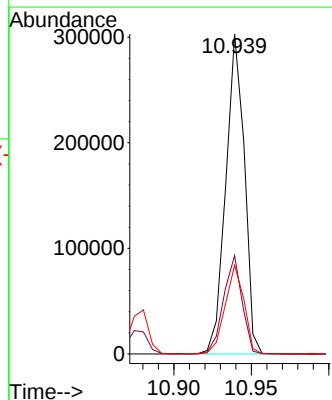
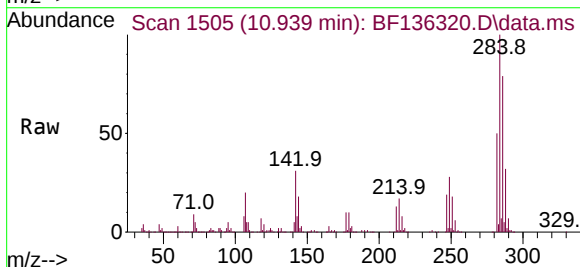
Instrument :  
BNA\_F  
ClientSampleId :

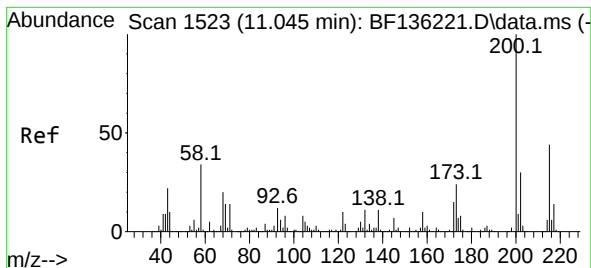
Tgt Ion:248 Resp: 234785  
Ion Ratio Lower Upper  
248 100  
250 94.8 72.5 108.7  
141 64.1 60.8 91.2



#68  
Hexachlorobenzene  
Concen: 47.230 ng  
RT: 10.939 min Scan# 1505  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Tgt Ion:284 Resp: 252760  
Ion Ratio Lower Upper  
284 100  
142 30.7 19.8 29.8#  
249 27.7 21.0 31.4





#69

Atrazine

Concen: 57.194 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

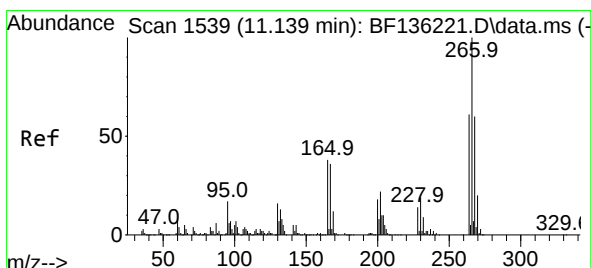
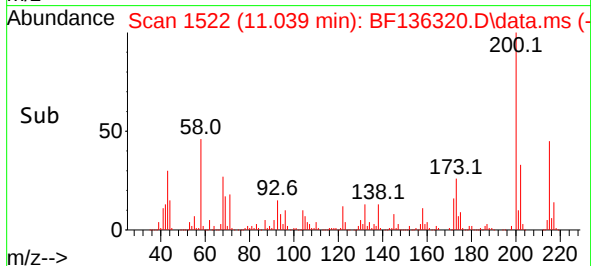
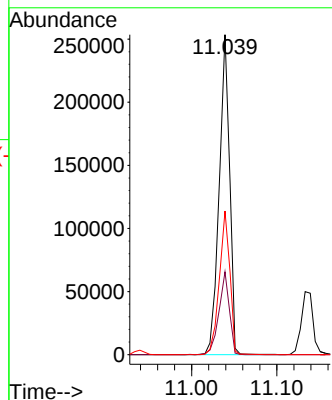
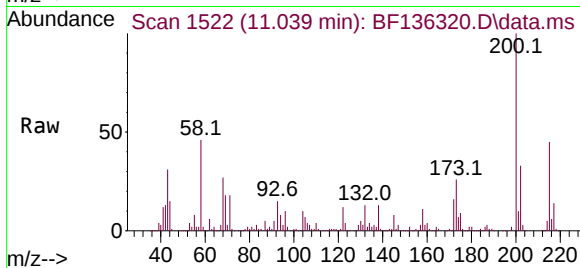
Tgt Ion:200 Resp: 215501

Ion Ratio Lower Upper

200 100

173 25.9 4.3 44.3

215 44.9 23.8 63.8



#70

Pentachlorophenol

Concen: 85.546 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

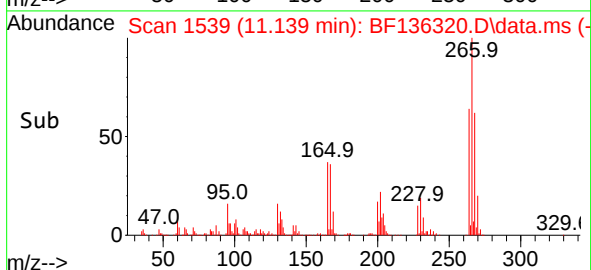
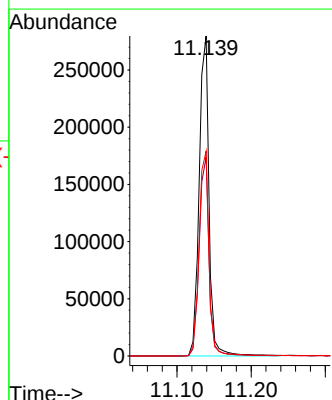
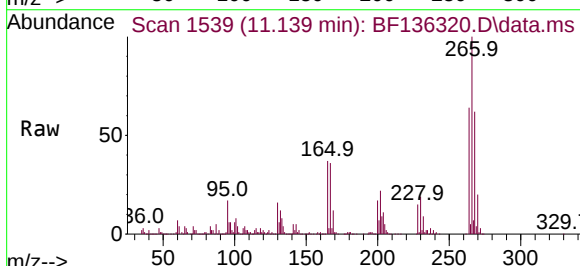
Tgt Ion:266 Resp: 258786

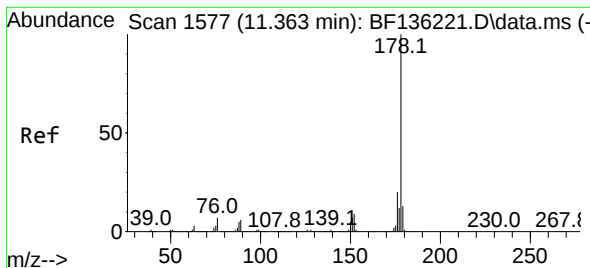
Ion Ratio Lower Upper

266 100

268 62.2 47.9 71.9

264 64.0 49.1 73.7





#71

Phenanthrene

Concen: 51.677 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

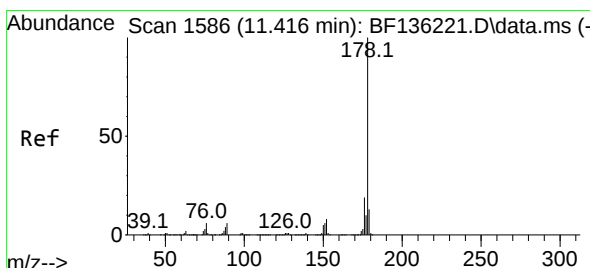
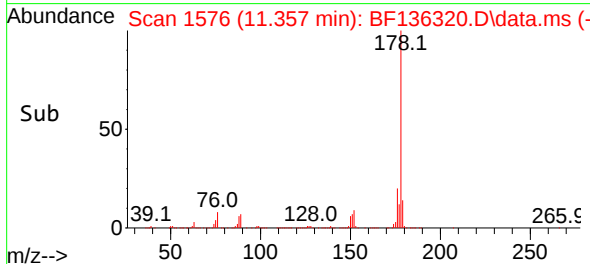
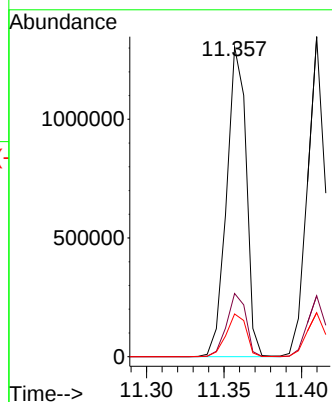
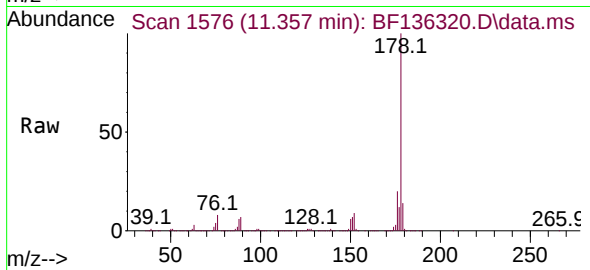
Tgt Ion:178 Resp: 1151188

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.2

179 13.8 10.3 15.5



#72

Anthracene

Concen: 47.478 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

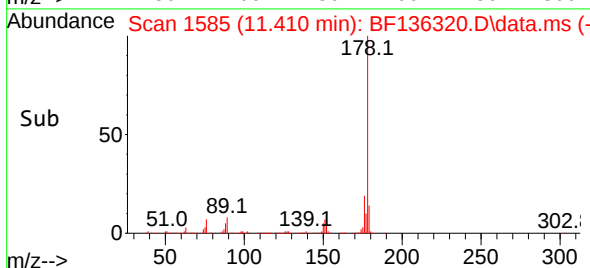
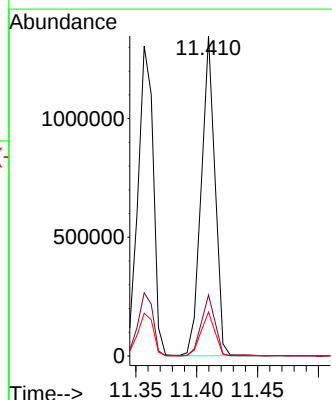
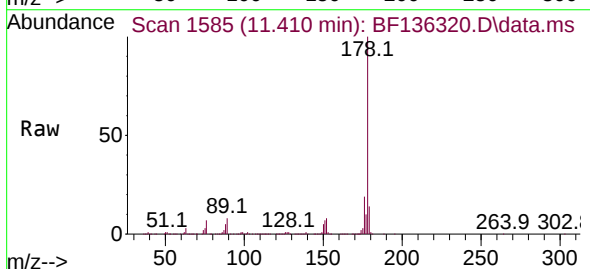
Tgt Ion:178 Resp: 1060628

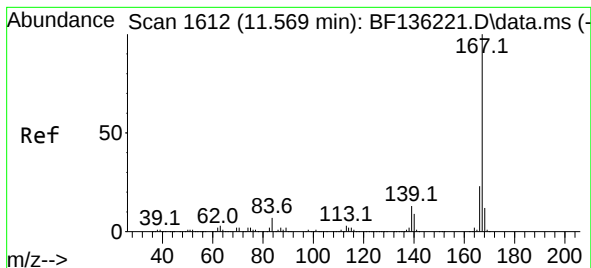
Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 13.7 10.5 15.7





#73

Carbazole

Concen: 44.291 ng

RT: 11.569 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

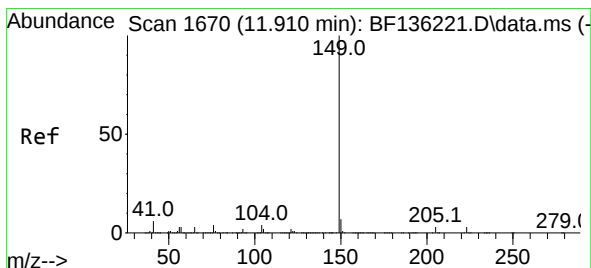
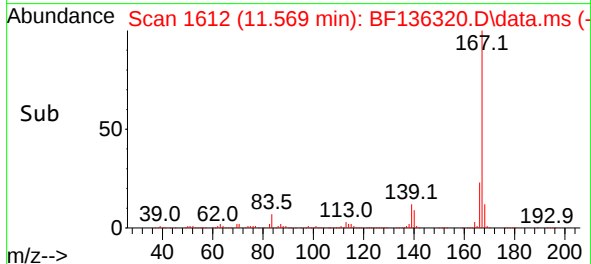
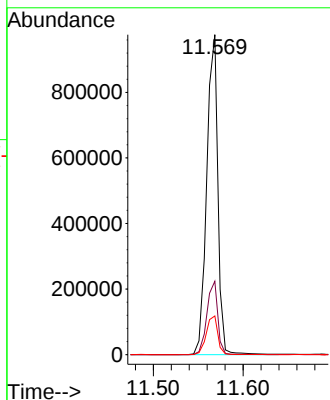
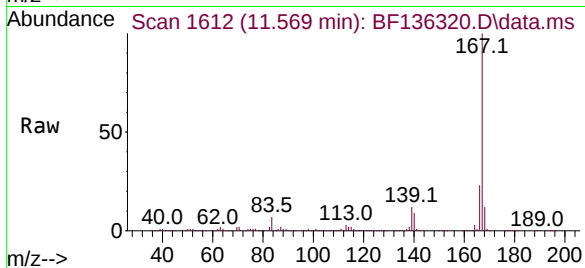
Tgt Ion:167 Resp: 841530

Ion Ratio Lower Upper

167 100

166 23.0 18.4 27.6

139 12.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 49.376 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

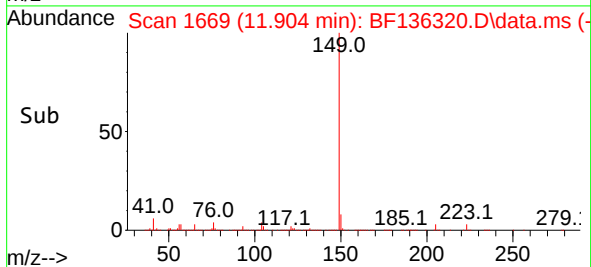
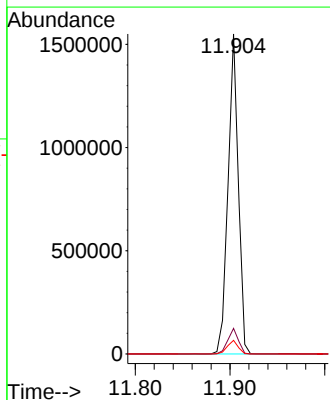
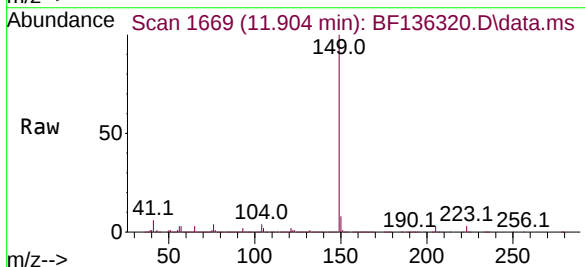
Tgt Ion:149 Resp: 1173816

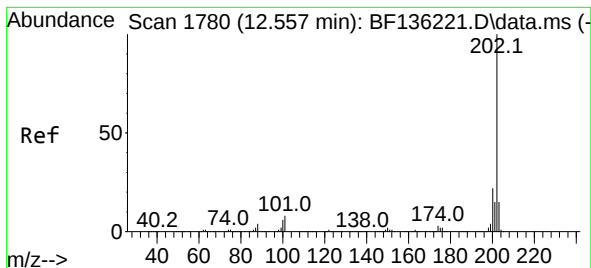
Ion Ratio Lower Upper

149 100

150 8.0 6.0 9.0

104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 46.849 ng

RT: 12.551 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

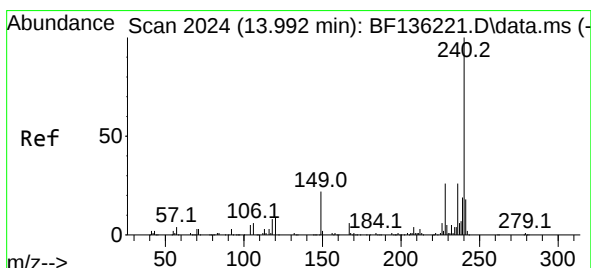
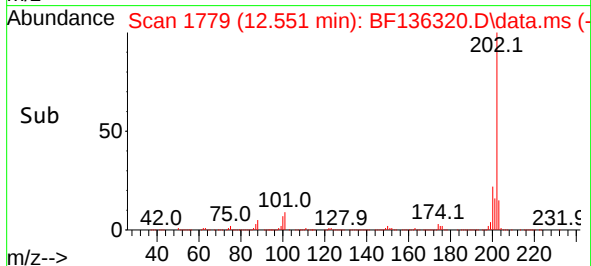
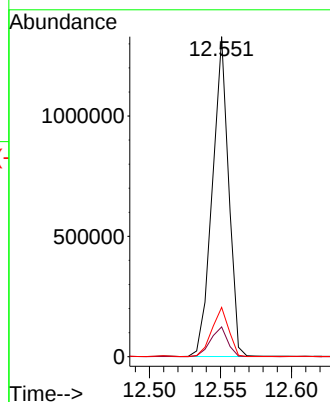
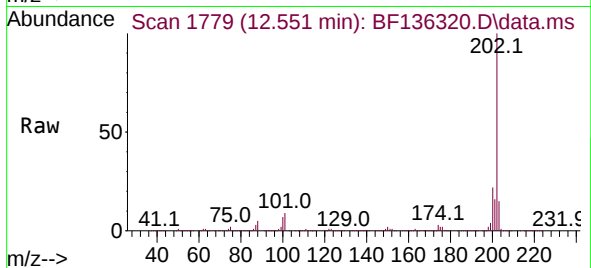
Tgt Ion:202 Resp: 1059481

Ion Ratio Lower Upper

202 100

101 9.3 0.0 27.8

203 15.4 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: BF136320.D

Acq: 30 Nov 2023 18:37

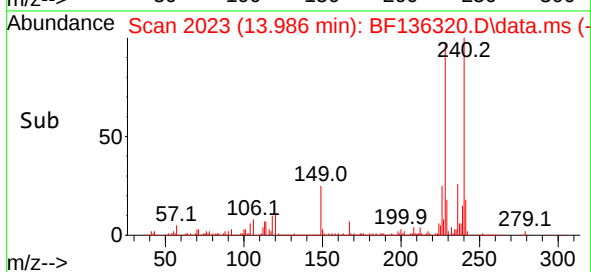
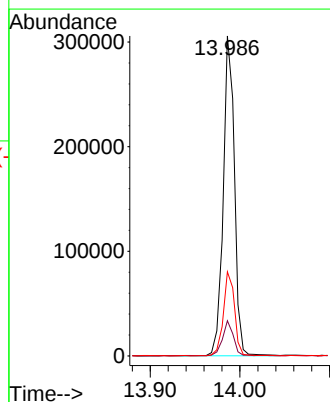
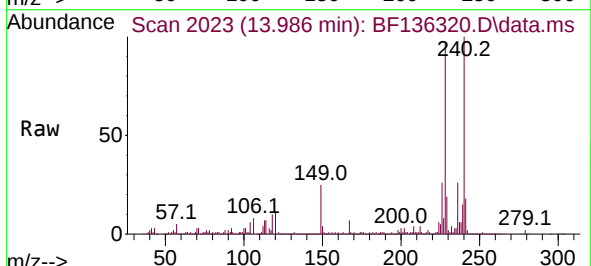
Tgt Ion:240 Resp: 265106

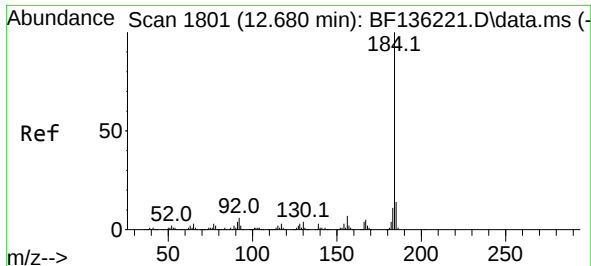
Ion Ratio Lower Upper

240 100

120 11.0 7.4 11.2

236 26.3 21.1 31.7

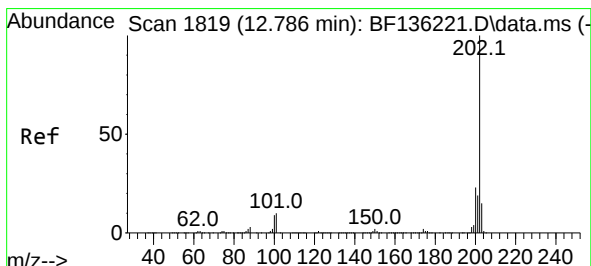
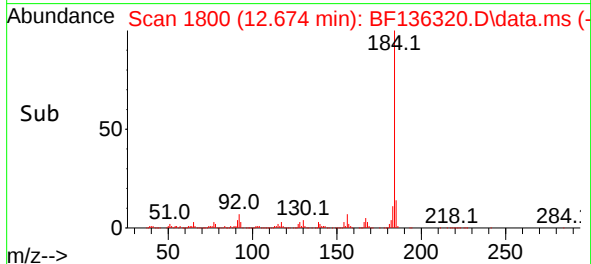
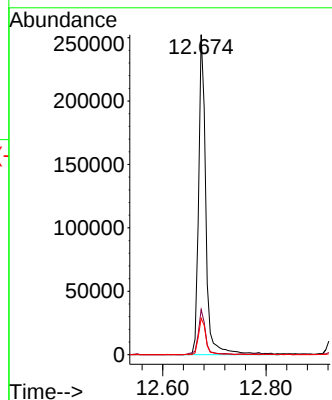
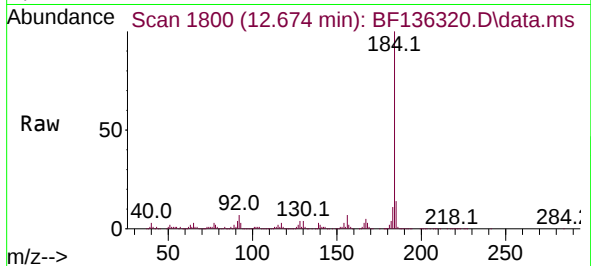




#77  
Benzidine  
Concen: 56.053 ng  
RT: 12.674 min Scan# 1800  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

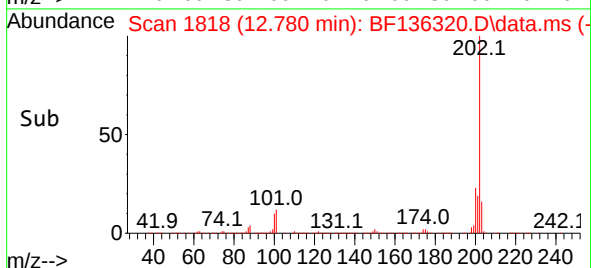
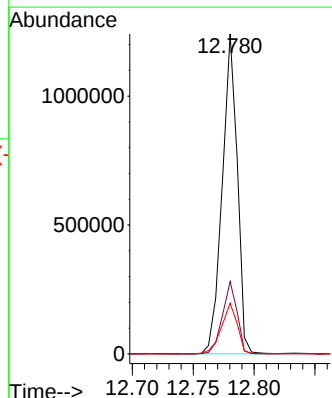
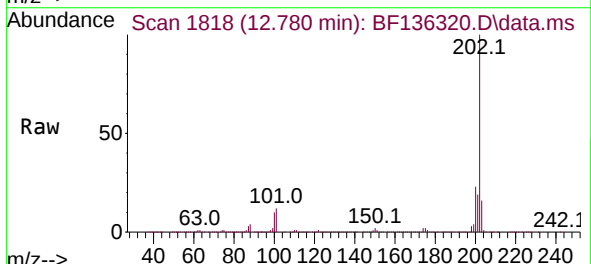
Instrument :  
BNA\_F  
ClientSampleId :

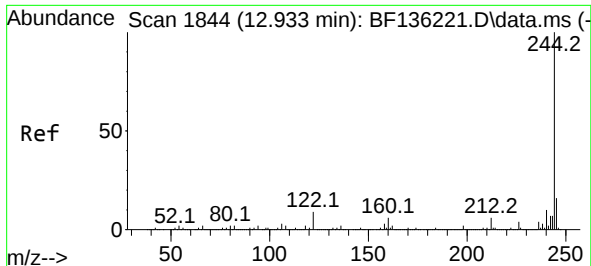
Tgt Ion:184 Resp: 244272  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.0 16.6  
183 11.4 9.0 13.4



#78  
Pyrene  
Concen: 36.867 ng  
RT: 12.780 min Scan# 1818  
Delta R.T. -0.006 min  
Lab File: BF136320.D  
Acq: 30 Nov 2023 18:37

Tgt Ion:202 Resp: 1070386  
Ion Ratio Lower Upper  
202 100  
200 22.6 18.4 27.6  
203 15.9 11.8 17.6

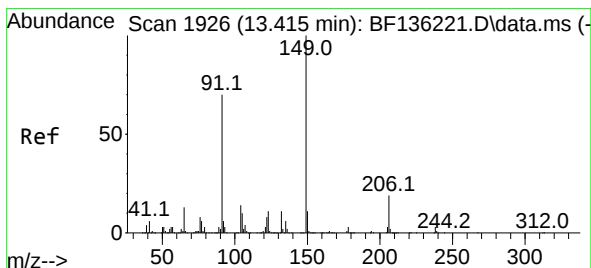
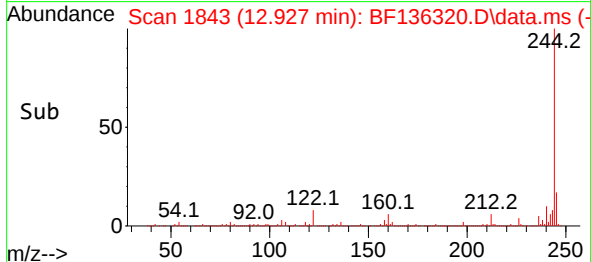
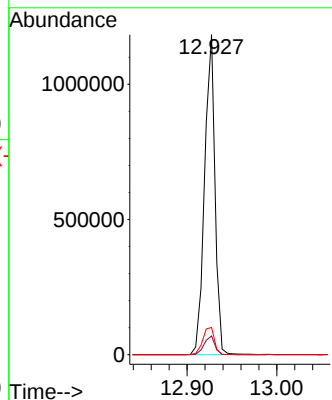
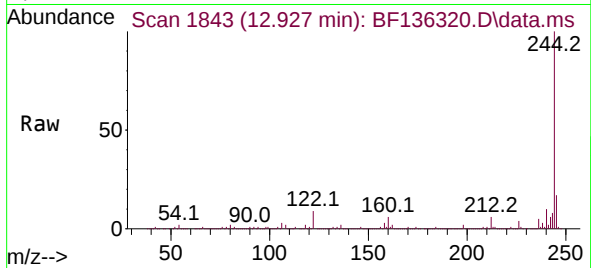




#79  
 Terphenyl-d14  
 Concen: 41.422 ng  
 RT: 12.927 min Scan# 1843  
 Delta R.T. -0.006 min  
 Lab File: BF136320.D  
 Acq: 30 Nov 2023 18:37

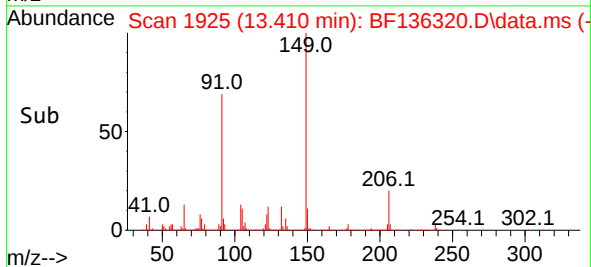
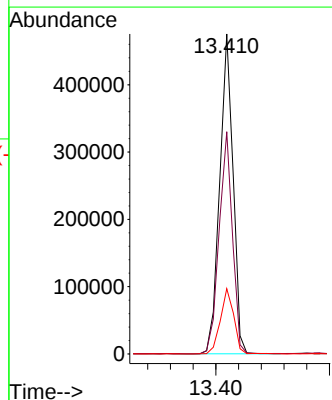
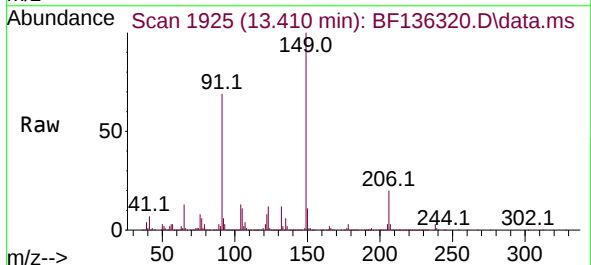
Instrument :  
 BNA\_F  
 ClientSampleId :

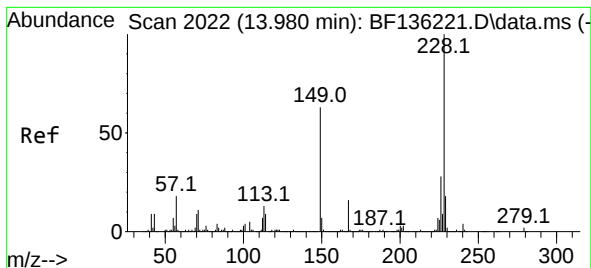
Tgt Ion:244 Resp: 952002  
 Ion Ratio Lower Upper  
 244 100  
 212 5.8 4.6 7.0  
 122 8.5 7.3 10.9



#80  
 Butylbenzylphthalate  
 Concen: 43.011 ng  
 RT: 13.410 min Scan# 1925  
 Delta R.T. -0.006 min  
 Lab File: BF136320.D  
 Acq: 30 Nov 2023 18:37

Tgt Ion:149 Resp: 388651  
 Ion Ratio Lower Upper  
 149 100  
 91 69.4 56.4 84.6  
 206 20.4 14.8 22.2





#81

Benzo(a)anthracene

Concen: 48.432 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

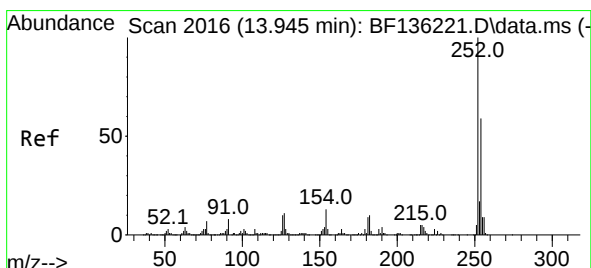
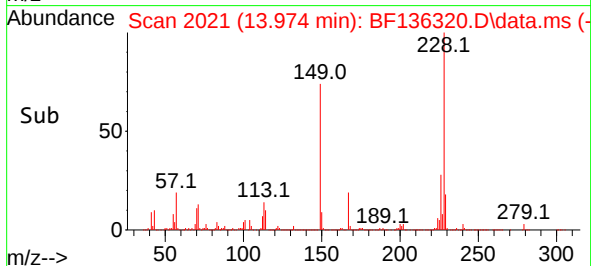
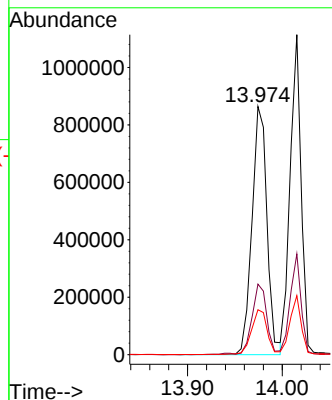
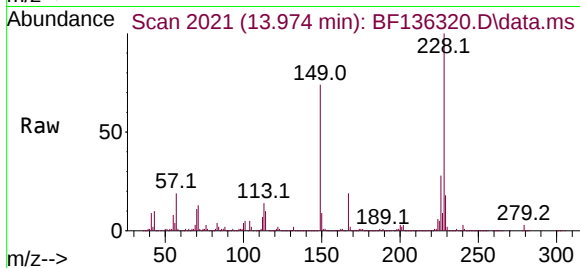
Tgt Ion:228 Resp: 953692

Ion Ratio Lower Upper

228 100

226 28.5 22.6 34.0

229 18.1 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 49.288 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

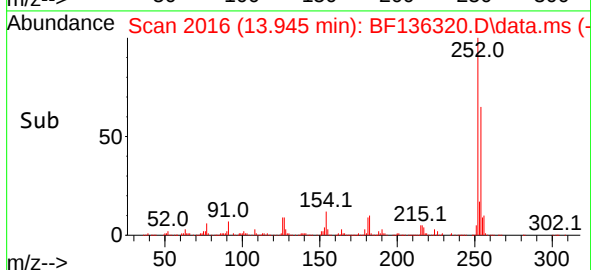
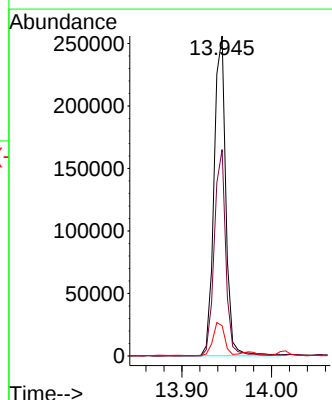
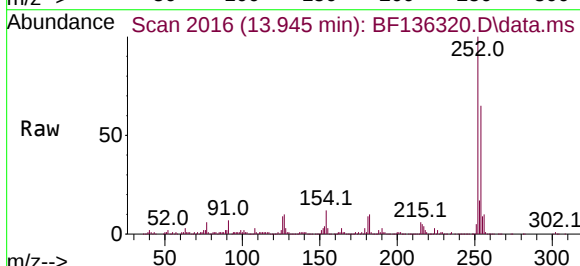
Tgt Ion:252 Resp: 233622

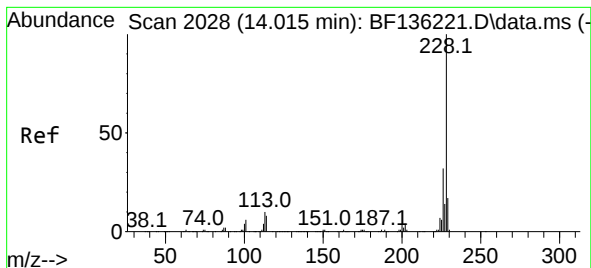
Ion Ratio Lower Upper

252 100

254 64.5 47.4 71.2

126 9.4 8.3 12.5





#83

Chrysene

Concen: 47.396 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

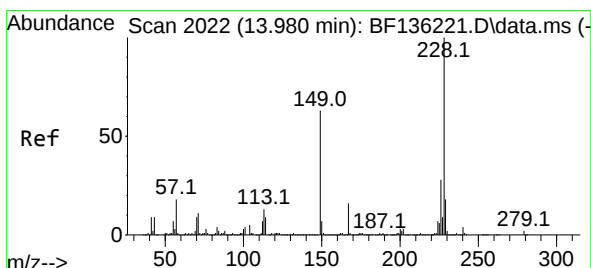
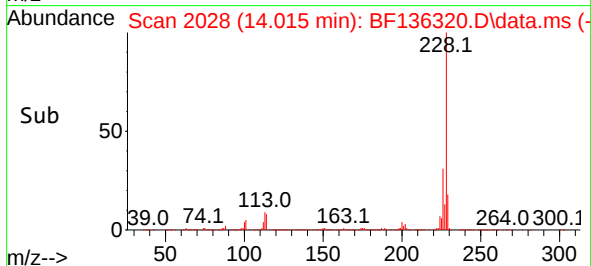
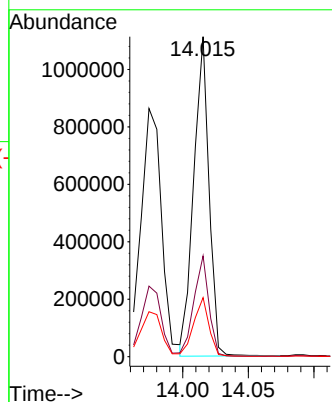
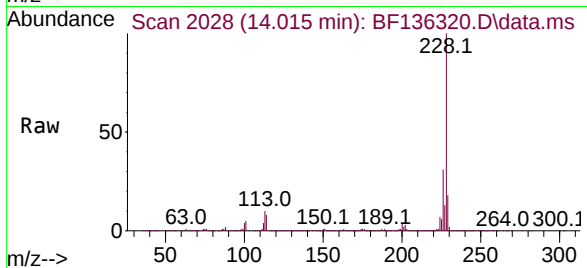
Tgt Ion:228 Resp: 901116

Ion Ratio Lower Upper

228 100

226 31.5 25.5 38.3

229 18.4 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.722 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

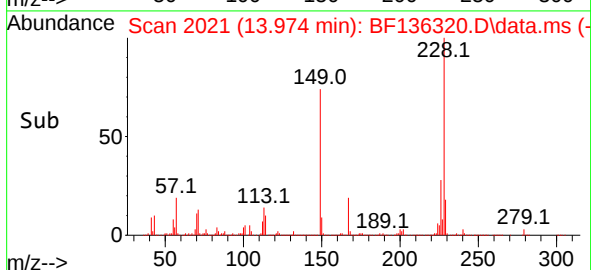
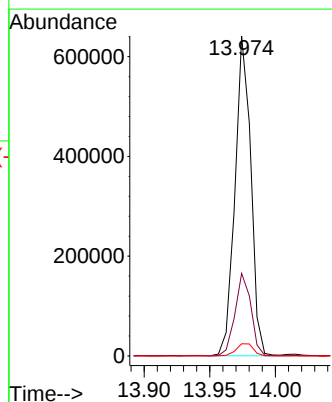
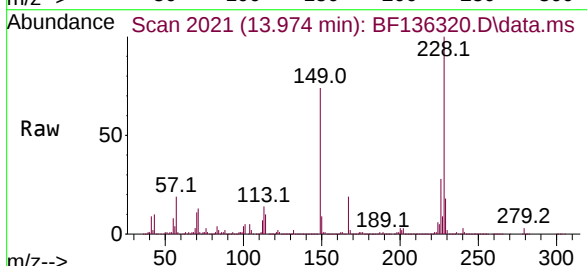
Tgt Ion:149 Resp: 539202

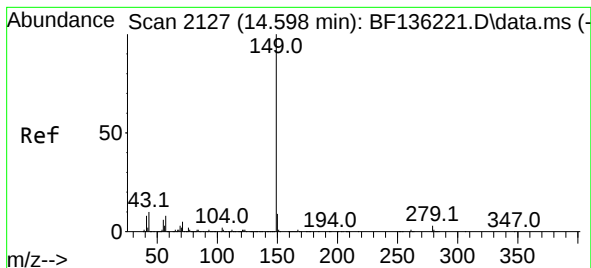
Ion Ratio Lower Upper

149 100

167 25.8 20.2 30.2

279 3.8 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 59.692 ng

RT: 14.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

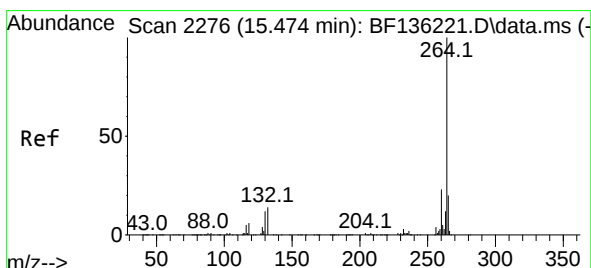
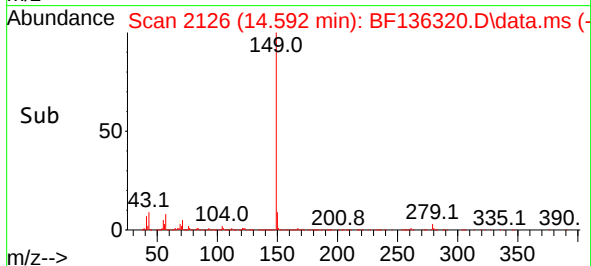
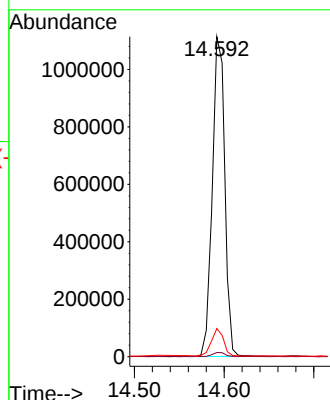
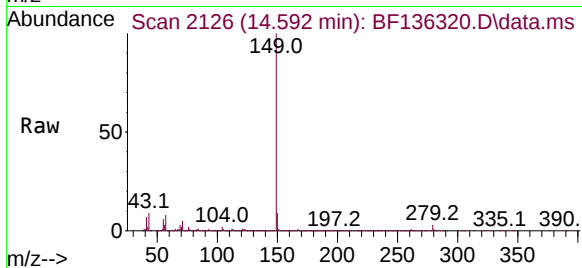
Tgt Ion:149 Resp: 1076133

Ion Ratio Lower Upper

149 100

167 1.3 1.0 1.6

43 8.3 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: BF136320.D

Acq: 30 Nov 2023 18:37

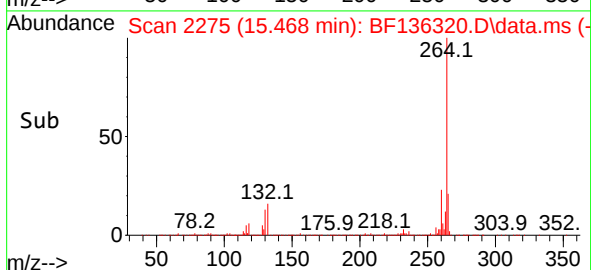
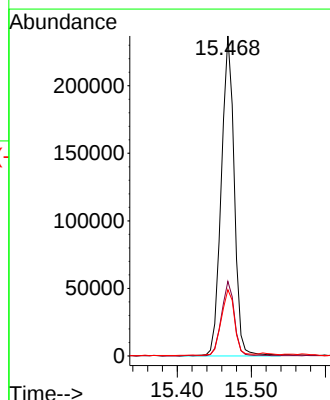
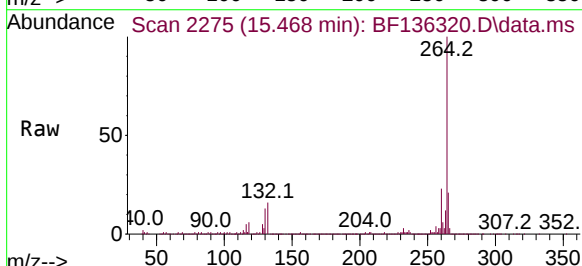
Tgt Ion:264 Resp: 288270

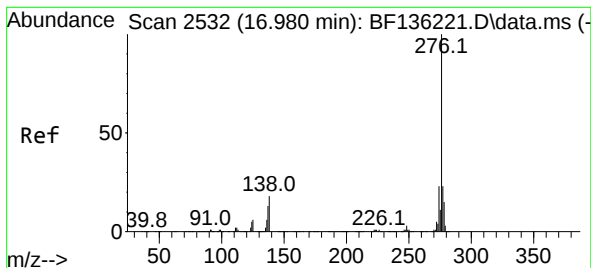
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 20.7 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.001 ng

RT: 16.974 min Scan# 2531

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

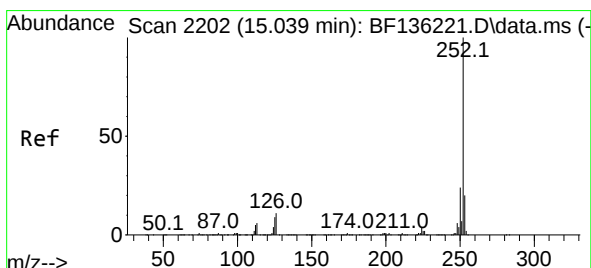
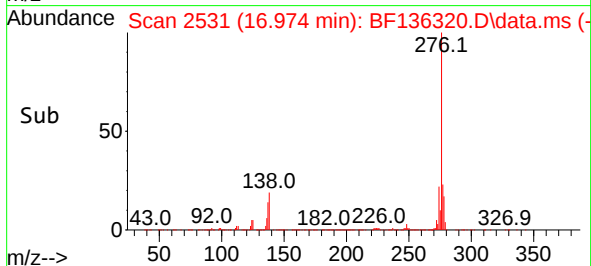
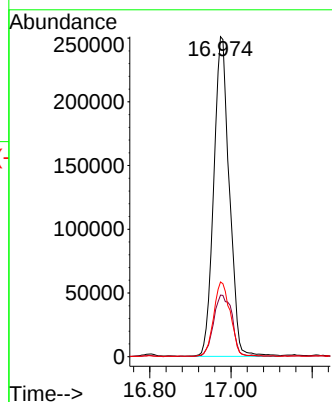
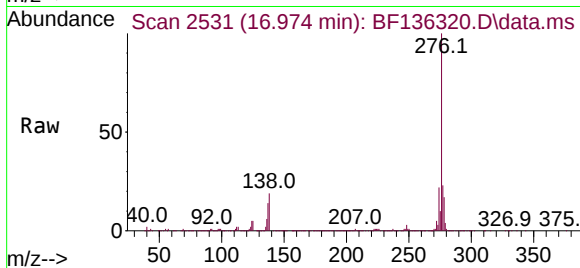
Tgt Ion:276 Resp: 669157

Ion Ratio Lower Upper

276 100

138 22.7 17.7 26.5

277 24.6 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 48.616 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

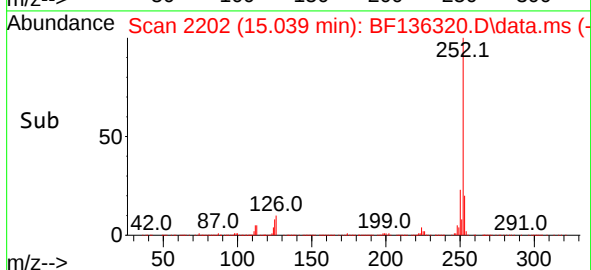
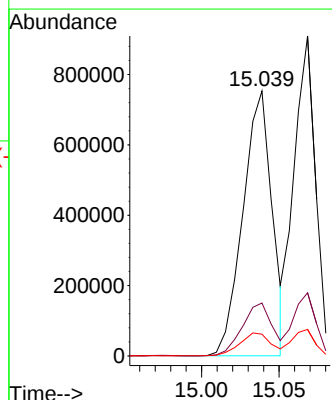
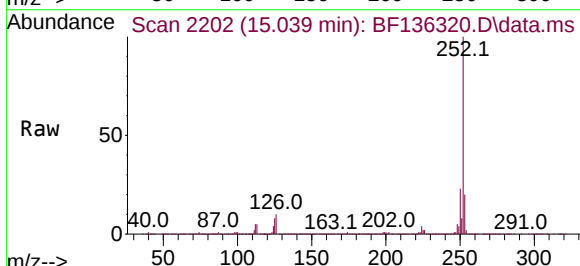
Tgt Ion:252 Resp: 983235

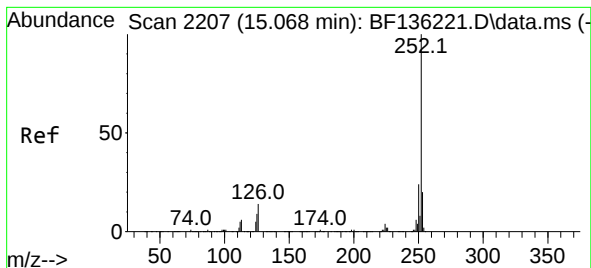
Ion Ratio Lower Upper

252 100

253 20.0 16.2 24.2

125 8.2 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 45.630 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

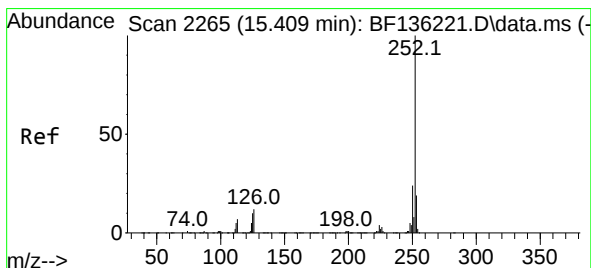
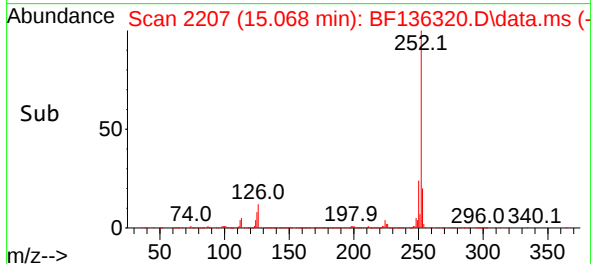
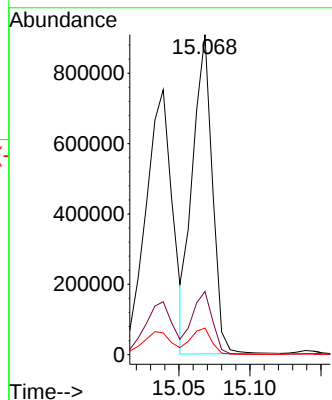
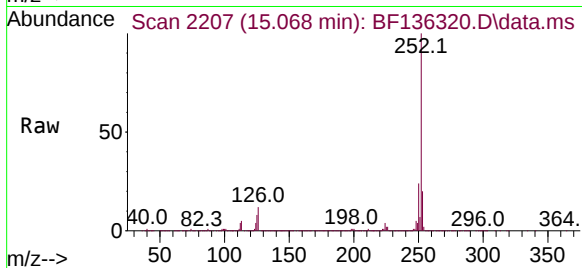
Tgt Ion:252 Resp: 876479

Ion Ratio Lower Upper

252 100

253 19.7 15.6 23.4

125 8.3 7.0 10.4



#90

Benzo(a)pyrene

Concen: 47.327 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

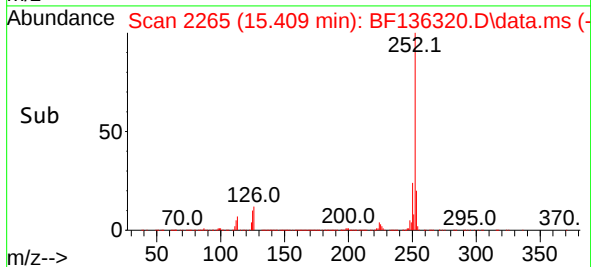
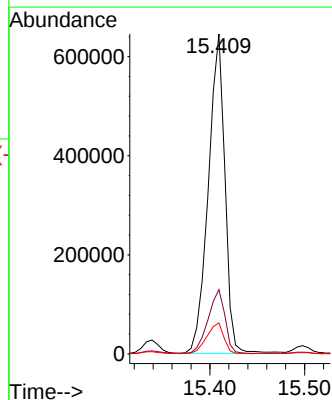
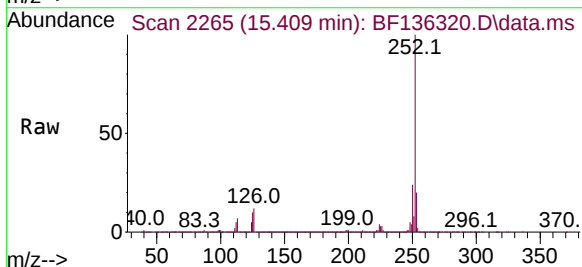
Tgt Ion:252 Resp: 782459

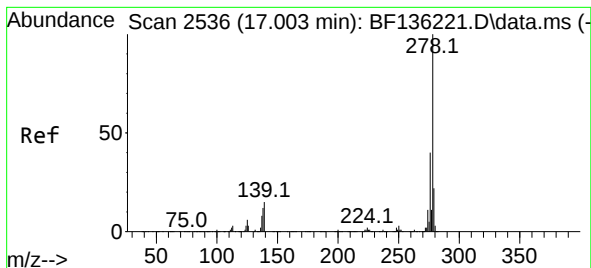
Ion Ratio Lower Upper

252 100

253 20.1 15.5 23.3

125 9.7 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 32.513 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA\_F

ClientSampleId :

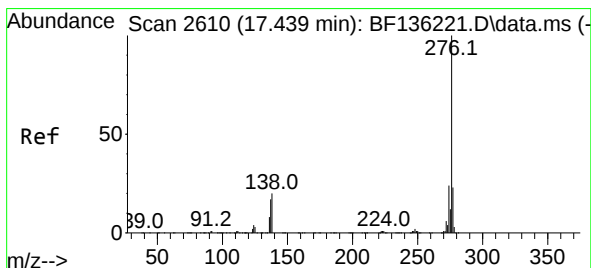
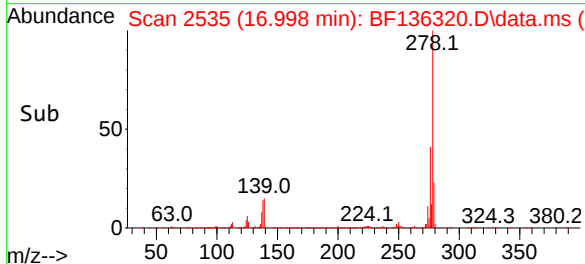
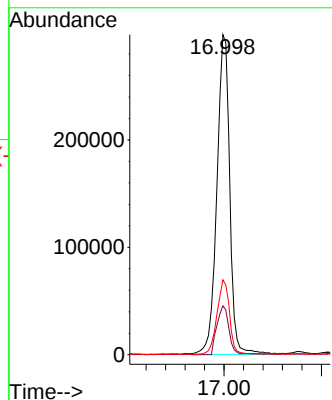
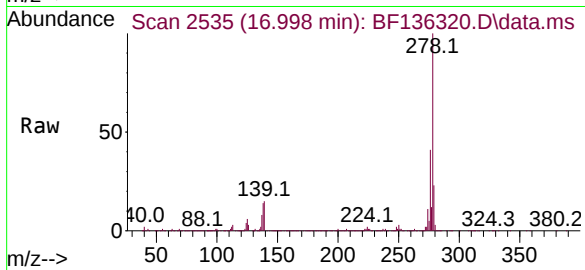
Tgt Ion:278 Resp: 546244

Ion Ratio Lower Upper

278 100

139 15.2 11.7 17.5

279 23.4 17.8 26.8



#92

Benzo(g,h,i)perylene

Concen: 28.853 ng

RT: 17.433 min Scan# 2609

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Tgt Ion:276 Resp: 487012

Ion Ratio Lower Upper

276 100

277 22.6 18.6 27.8

138 20.3 15.8 23.8

