

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050324\  
 Data File : BF137832.D  
 Acq On : 03 May 2024 16:49  
 Operator : CG\JU  
 Sample : P2354-02MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 V359MS

Quant Time: May 03 20:11:19 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:25:08 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.051  | 152  | 174837   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.340  | 136  | 725489   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 10.098 | 164  | 410003   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.592 | 188  | 631301   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.245 | 240  | 286230   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.810 | 264  | 305123   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.699  | 112  | 1203956  | 115.294 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.675  | 99   | 1449391  | 109.427 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.622  | 82   | 1045644  | 83.737  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.898 | 330  | 538624   | 128.666 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.416  | 172  | 2245858  | 88.868  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.180 | 244  | 1856227  | 108.681 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.199  | 88   | 152379   | 32.405  | ng    | # 83     |
| 3) Pyridine                   | 3.869  | 79   | 288871   | 25.382  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.822  | 42   | 194849   | 38.021  | ng    | 97       |
| 6) Aniline                    | 6.716  | 93   | 230283   | 17.541  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.840  | 128  | 515271   | 45.278  | ng    | 99       |
| 9) Benzaldehyde               | 6.610  | 77   | 171340   | 24.021  | ng    | 96       |
| 10) Phenol                    | 6.687  | 94   | 535052   | 39.423  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.787  | 93   | 453150   | 42.641  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.998  | 146  | 505179   | 39.366  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.069  | 146  | 515196   | 40.010  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.222  | 146  | 504852   | 41.627  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.193  | 79   | 446219   | 48.715  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.316  | 45   | 585894   | 39.224  | ng    | 96       |
| 17) 2-Methylphenol            | 7.293  | 107  | 421646   | 45.918  | ng    | 98       |
| 18) Hexachloroethane          | 7.569  | 117  | 183430   | 42.138  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.463  | 70   | 359624   | 45.433  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.445  | 107  | 526053   | 43.543  | ng    | 92       |
| 22) Acetophenone              | 7.463  | 105  | 711258   | 43.591  | ng    | 99       |
| 24) Nitrobenzene              | 7.640  | 77   | 526086   | 40.877  | ng    | 94       |
| 25) Isophorone                | 7.875  | 82   | 1024249  | 45.493  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.951  | 139  | 281804   | 48.353  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.975  | 122  | 399495   | 47.613  | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 8.075  | 93   | 608517   | 44.639  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.187  | 162  | 469779   | 46.322  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.275  | 180  | 471948   | 42.688  | ng    | 99       |
| 31) Naphthalene               | 8.357  | 128  | 1529863  | 42.433  | ng    | 100      |
| 32) Benzoic acid              | 8.098  | 122  | 329294   | 45.492  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.398  | 127  | 87670    | 6.557   | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.469  | 225  | 286199   | 42.164  | ng    | 99       |
| 35) Caprolactam               | 8.781  | 113  | 91325    | 28.421  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.881  | 107  | 486695   | 46.019  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 9.051  | 142  | 1051880  | 45.072  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.151  | 142  | 971439   | 42.310  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.216  | 216  | 493524   | 45.448  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.204  | 237  | 556078   | 126.074 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.328  | 196  | 346416   | 46.864  | ng    | 98       |

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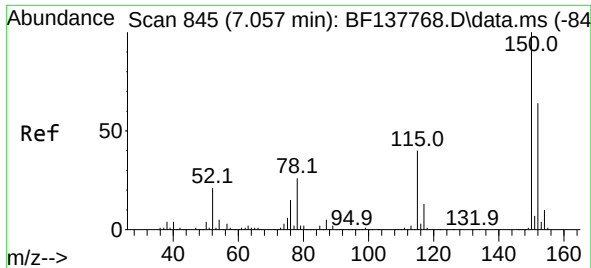
Quant Time: May 03 20:11:19 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:25:08 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.369  | 196  | 369034   | 45.213 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.516  | 154  | 1297466  | 46.111 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.545  | 162  | 999915   | 44.016 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.639  | 65   | 271949   | 44.140 | ng    | 95       |
| 49) Acenaphthylene            | 9.963  | 152  | 1575373  | 47.939 | ng    | 100      |
| 50) Dimethylphthalate         | 9.816  | 163  | 1248164  | 48.223 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.881  | 165  | 271094   | 45.831 | ng    | 94       |
| 52) Acenaphthene              | 10.134 | 154  | 1051802  | 48.287 | ng    | 99       |
| 53) 3-Nitroaniline            | 10.051 | 138  | 123762   | 19.980 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 10.157 | 184  | 267849   | 92.158 | ng    | 93       |
| 55) Dibenzofuran              | 10.310 | 168  | 1388322  | 43.798 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.204 | 139  | 302123   | 58.849 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.286 | 165  | 347974   | 45.030 | ng    | 96       |
| 58) Fluorene                  | 10.651 | 166  | 1095170  | 43.412 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.422 | 232  | 295051   | 44.526 | ng    | 98       |
| 60) Diethylphthalate          | 10.516 | 149  | 1170743  | 47.625 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.639 | 204  | 554256   | 44.590 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.669 | 138  | 206654   | 32.891 | ng    | 90       |
| 63) Azobenzene                | 10.804 | 77   | 1035948  | 43.603 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.692 | 198  | 186954   | 51.596 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.763 | 169  | 948568   | 50.196 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 11.133 | 248  | 341741   | 50.581 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.198 | 284  | 356535   | 48.289 | ng    | 97       |
| 69) Atrazine                  | 11.281 | 200  | 313081   | 54.336 | ng    | 97       |
| 70) Pentachlorophenol         | 11.392 | 266  | 417264   | 82.317 | ng    | 100      |
| 71) Phenanthrene              | 11.622 | 178  | 1421931  | 46.211 | ng    | 100      |
| 72) Anthracene                | 11.675 | 178  | 1421942  | 46.444 | ng    | 100      |
| 73) Carbazole                 | 11.822 | 167  | 1163660  | 39.437 | ng    | 98       |
| 74) Di-n-butylphthalate       | 12.145 | 149  | 1640056  | 50.954 | ng    | 99       |
| 75) Fluoranthene              | 12.810 | 202  | 1204567  | 35.812 | ng    | 100      |
| 77) Benzidine                 | 12.927 | 184  | 62718    | 9.474  | ng    | 99       |
| 78) Pyrene                    | 13.045 | 202  | 1166595  | 51.404 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.651 | 149  | 475134   | 65.985 | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.233 | 228  | 867028   | 47.360 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.192 | 252  | 160963   | 29.370 | ng    | 98       |
| 83) Chrysene                  | 14.269 | 228  | 818786   | 47.767 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.204 | 149  | 668397   | 73.654 | ng #  | 98       |
| 85) Di-n-octyl phthalate      | 14.833 | 149  | 1019807  | 83.502 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.445 | 276  | 732611   | 42.232 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.339 | 252  | 868157   | 45.731 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.374 | 252  | 802435   | 43.732 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.745 | 252  | 761376   | 49.160 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.468 | 278  | 587604   | 41.615 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.945 | 276  | 535885   | 36.203 | ng    | 98       |

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

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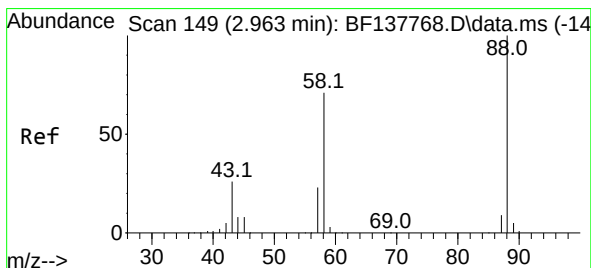
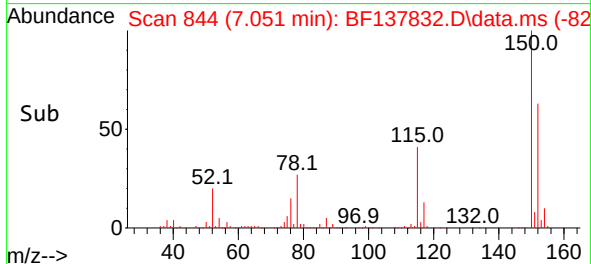
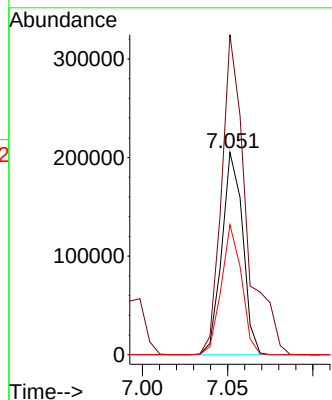
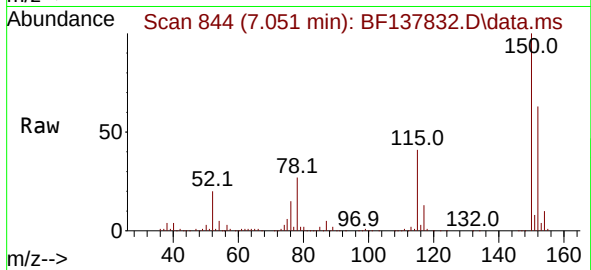




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.051 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

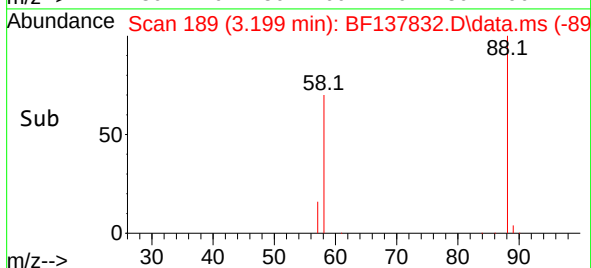
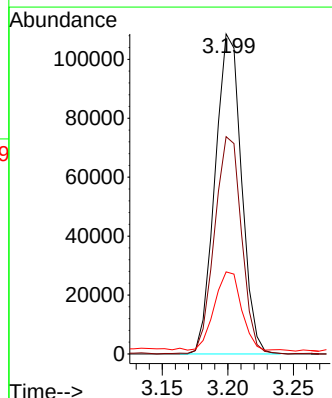
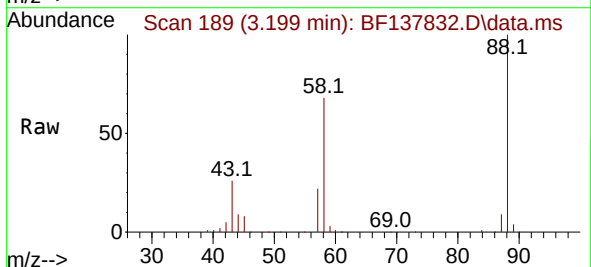
Instrument :  
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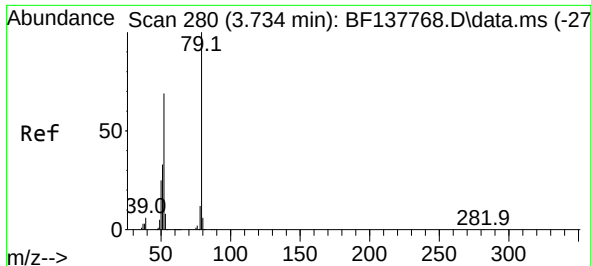
Tgt Ion:152 Resp: 174837  
Ion Ratio Lower Upper  
152 100  
150 158.3 124.1 186.1  
115 64.2 49.1 73.7



#2  
1,4-Dioxane  
Concen: 32.405 ng  
RT: 3.199 min Scan# 189  
Delta R.T. 0.235 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion: 88 Resp: 152379  
Ion Ratio Lower Upper  
88 100  
58 69.3 58.8 88.2  
43 0.0 21.4 32.0#

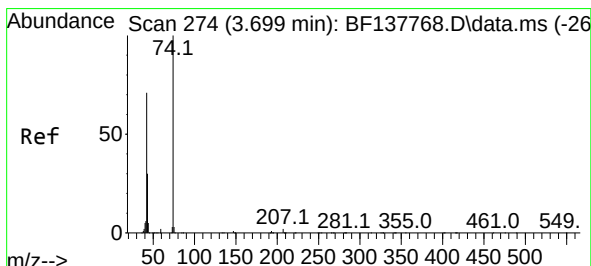
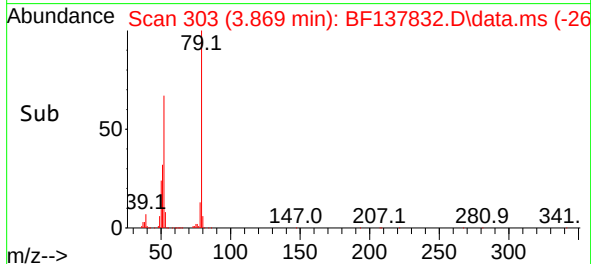
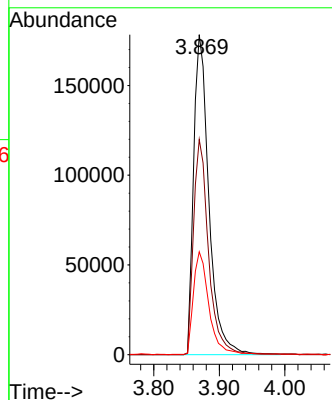
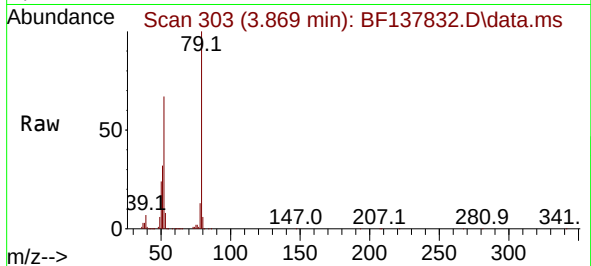




#3  
Pyridine  
Concen: 25.382 ng  
RT: 3.869 min Scan# 30  
Delta R.T. 0.135 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

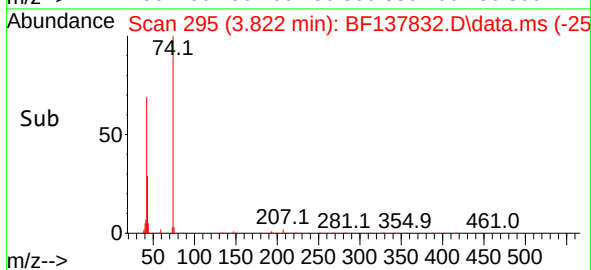
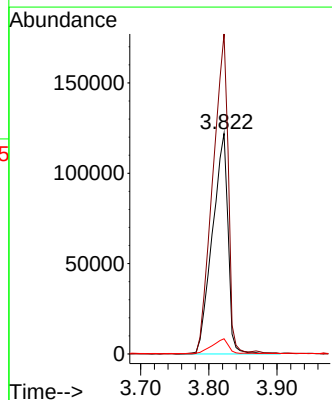
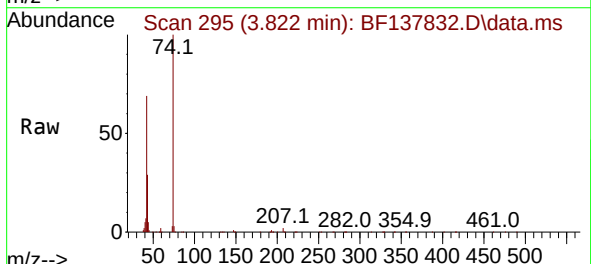
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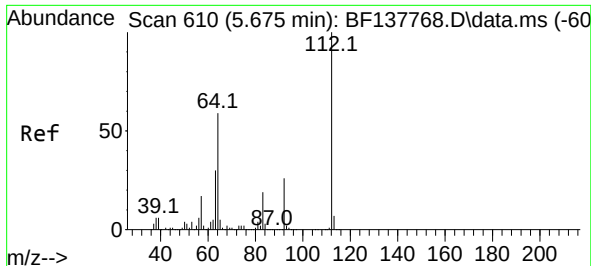
Tgt Ion: 79 Resp: 288871  
Ion Ratio Lower Upper  
79 100  
52 67.3 55.5 83.3  
51 32.2 26.9 40.3



#4  
n-Nitrosodimethylamine  
Concen: 38.021 ng  
RT: 3.822 min Scan# 295  
Delta R.T. 0.124 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion: 42 Resp: 194849  
Ion Ratio Lower Upper  
42 100  
74 145.1 112.9 169.3  
44 6.9 5.6 8.4

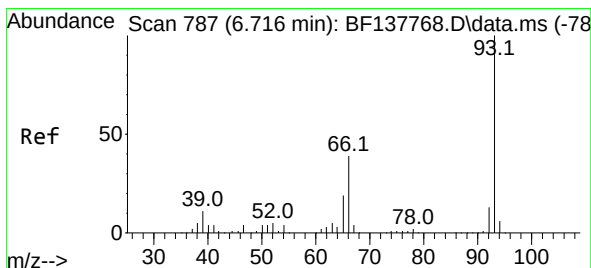
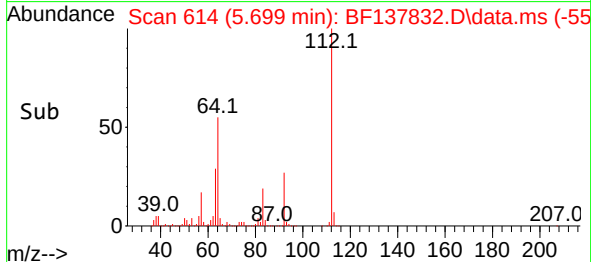
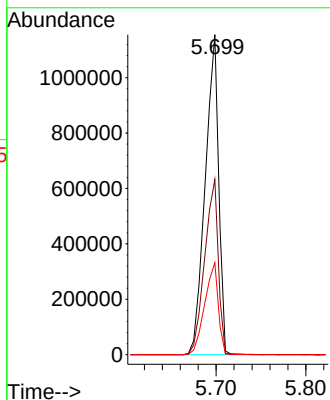
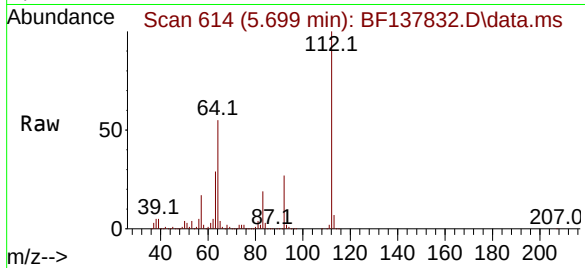




#5  
2-Fluorophenol  
Concen: 115.294 ng  
RT: 5.699 min Scan# 610  
Delta R.T. 0.024 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

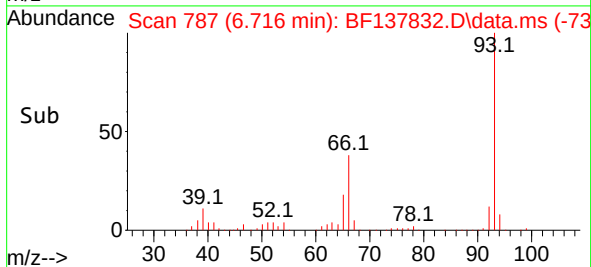
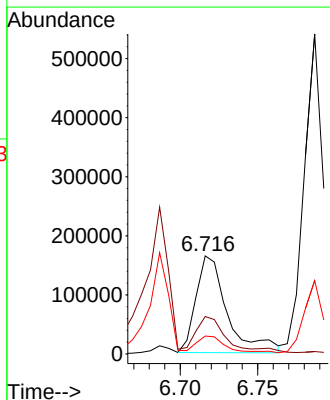
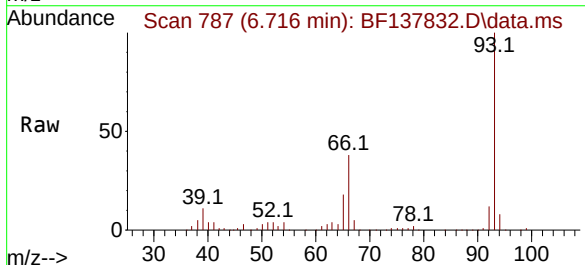
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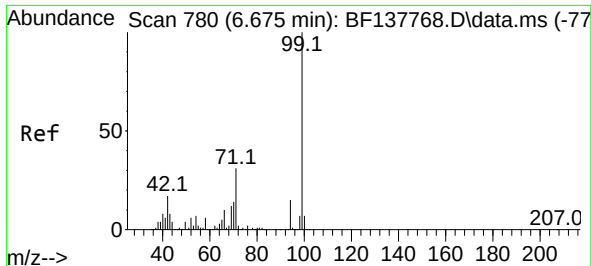
Tgt Ion:112 Resp: 1203956  
Ion Ratio Lower Upper  
112 100  
64 54.8 47.3 70.9  
63 28.7 23.7 35.5



#6  
Aniline  
Concen: 17.541 ng  
RT: 6.716 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion: 93 Resp: 230283  
Ion Ratio Lower Upper  
93 100  
66 38.1 31.8 47.6  
65 18.4 15.4 23.2





#7  
Phenol-d6  
Concen: 109.427 ng  
RT: 6.675 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Instrument :

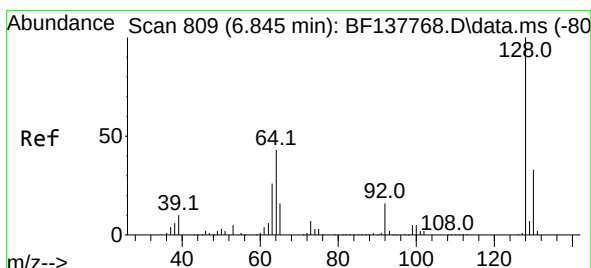
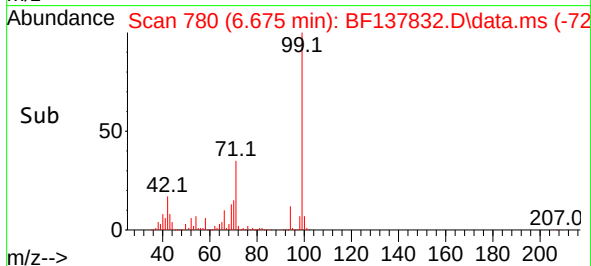
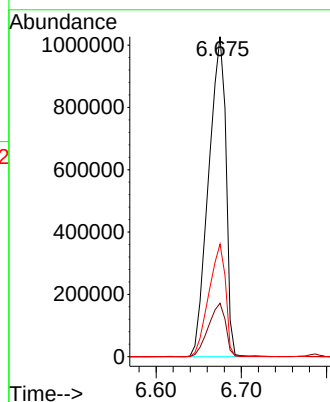
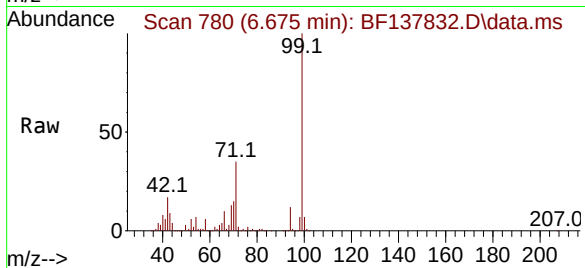
BNA\_F

ClientSampleId :

V359MS

Tgt Ion: 99 Resp: 1449391

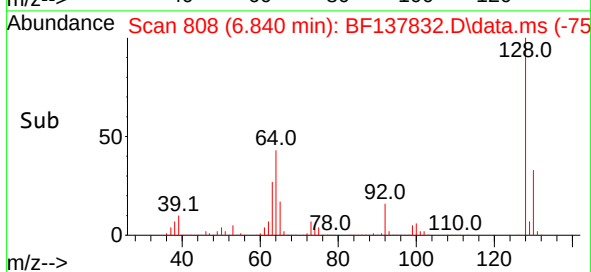
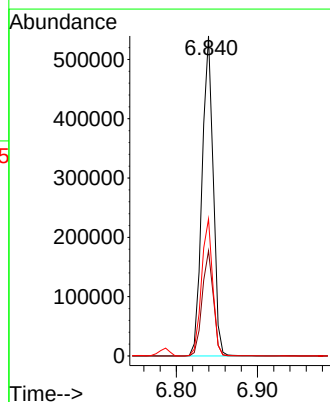
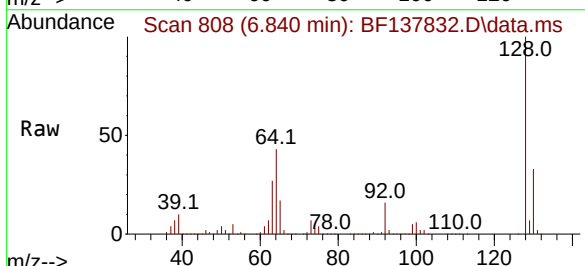
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.7  | 13.2  | 19.8  |
| 71  | 35.2  | 25.0  | 37.4  |

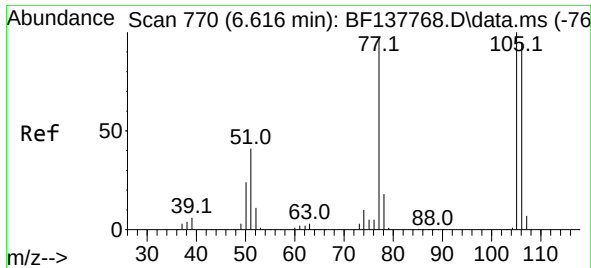


#8  
2-Chlorophenol  
Concen: 45.278 ng  
RT: 6.840 min Scan# 808  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion: 128 Resp: 515271

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.8  | 12.5  | 52.5  |
| 64  | 42.8  | 23.9  | 63.9  |

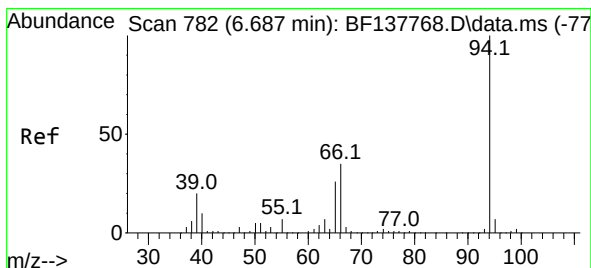
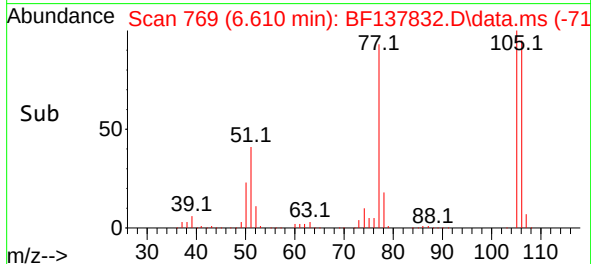
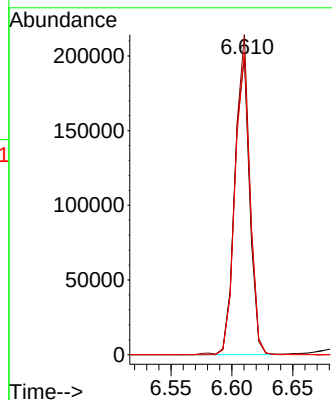
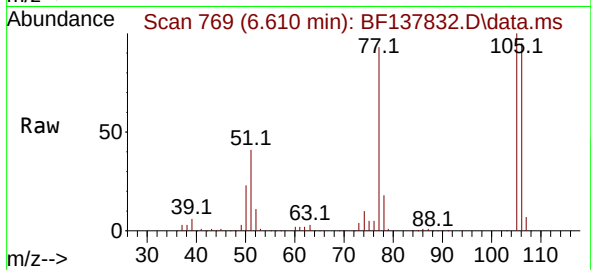




#9  
Benzaldehyde  
Concen: 24.021 ng  
RT: 6.610 min Scan# 770  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

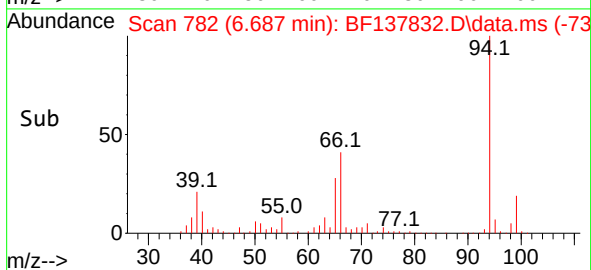
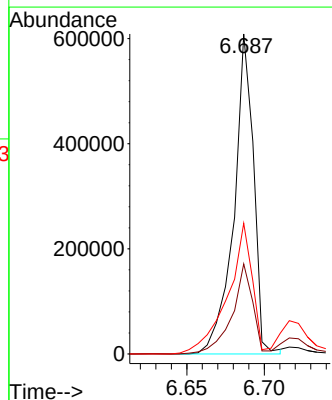
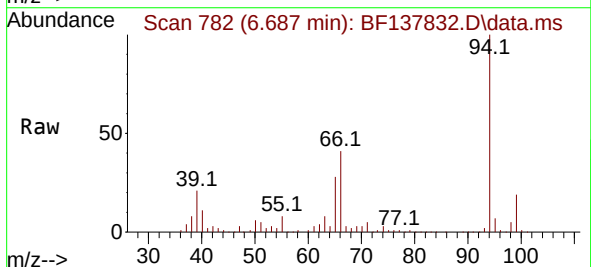
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

Tgt Ion: 77 Resp: 171340  
Ion Ratio Lower Upper  
77 100  
105 107.4 83.2 123.2  
106 101.5 77.7 117.7

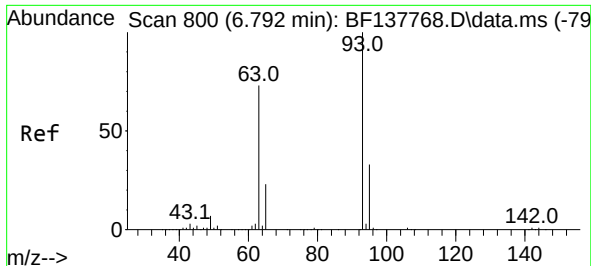


#10  
Phenol  
Concen: 39.423 ng  
RT: 6.687 min Scan# 782  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion: 94 Resp: 535052  
Ion Ratio Lower Upper  
94 100  
65 28.2 6.4 46.4  
66 40.8 15.4 55.4



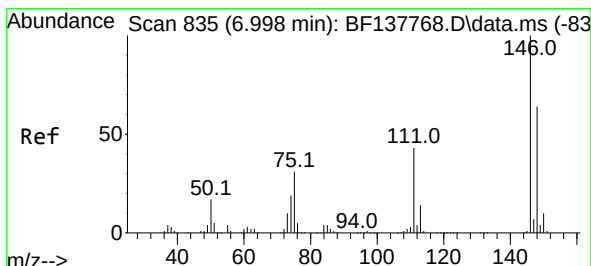
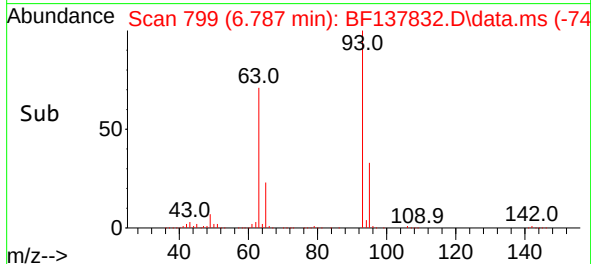
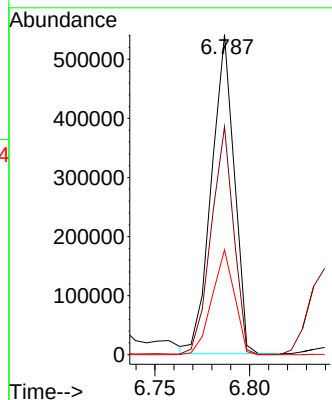
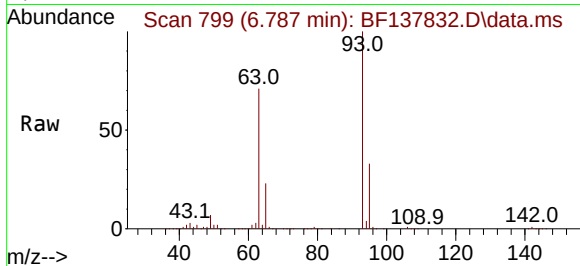




#11  
bis(2-Chloroethyl)ether  
Concen: 42.641 ng  
RT: 6.787 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

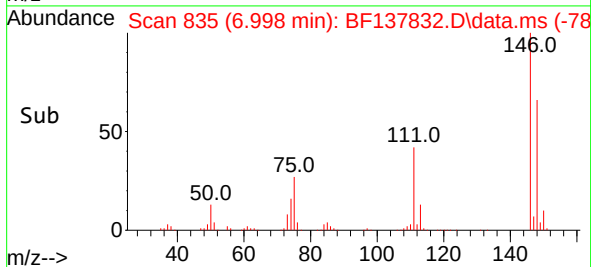
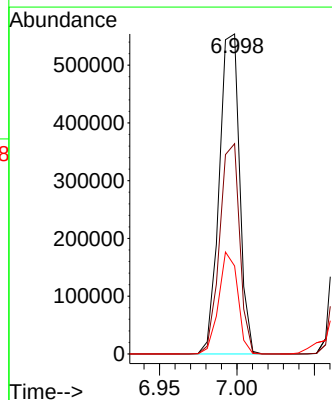
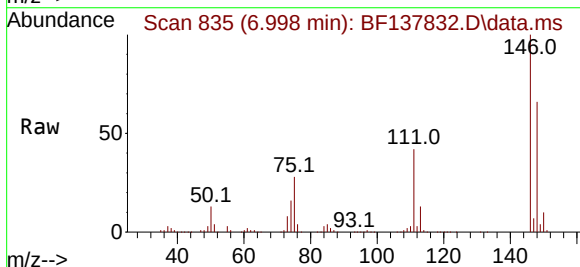
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

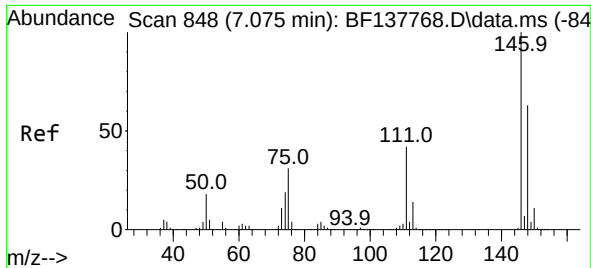
Tgt Ion: 93 Resp: 453150  
Ion Ratio Lower Upper  
93 100  
63 71.3 51.6 91.6  
95 32.7 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 39.366 ng  
RT: 6.998 min Scan# 835  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:146 Resp: 505179  
Ion Ratio Lower Upper  
146 100  
148 65.7 51.2 76.8  
75 27.5 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 40.010 ng

RT: 7.069 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

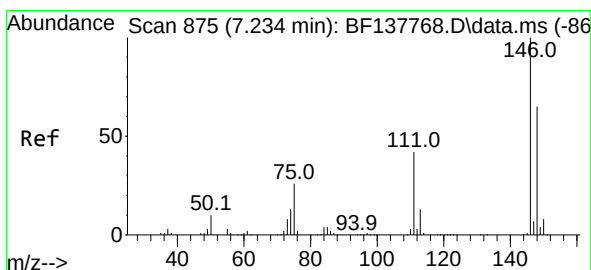
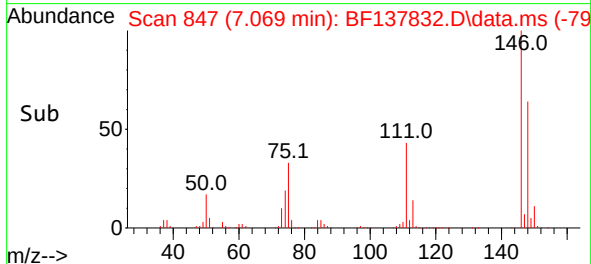
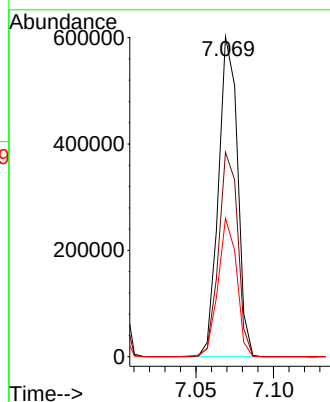
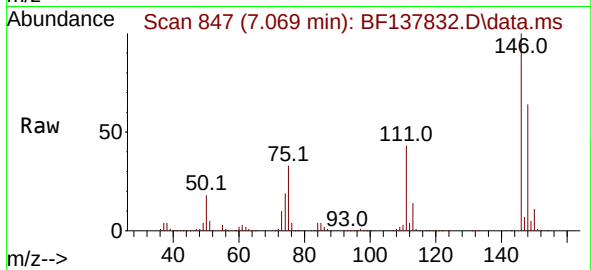
Tgt Ion:146 Resp: 515196

Ion Ratio Lower Upper

146 100

148 63.9 50.7 76.1

111 43.2 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 41.627 ng

RT: 7.222 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

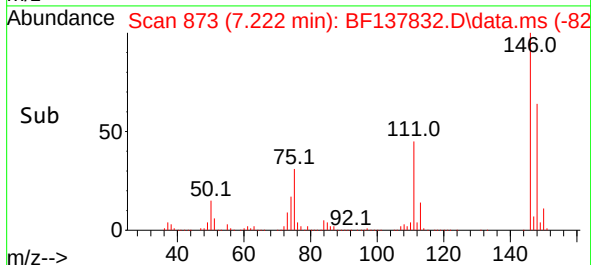
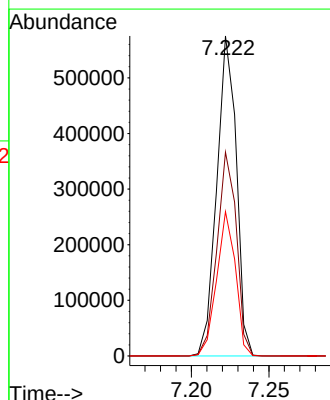
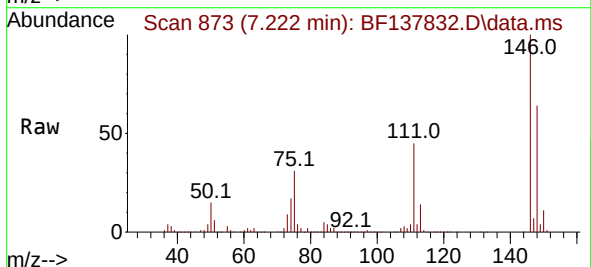
Tgt Ion:146 Resp: 504852

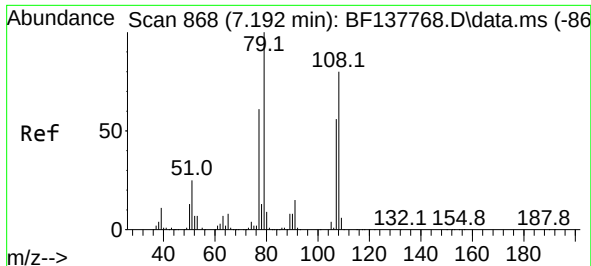
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

111 45.1 33.6 50.4

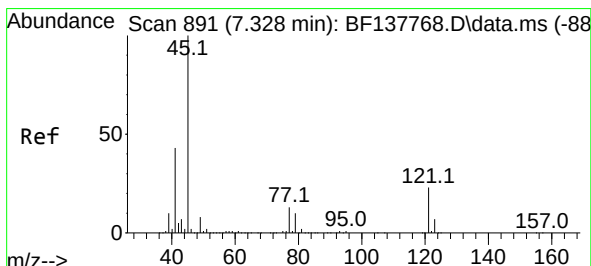
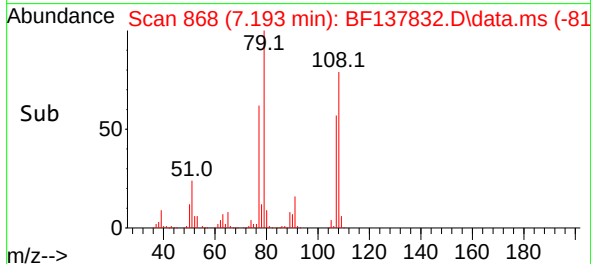
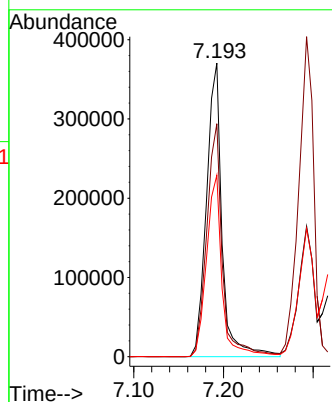
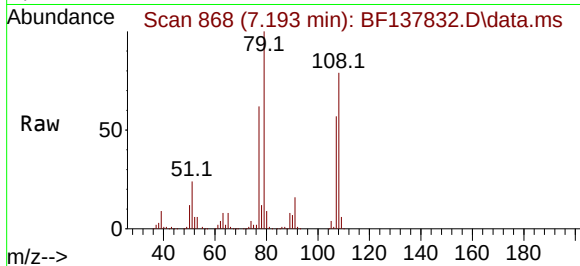




#15  
Benzyl Alcohol  
Concen: 48.715 ng  
RT: 7.193 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

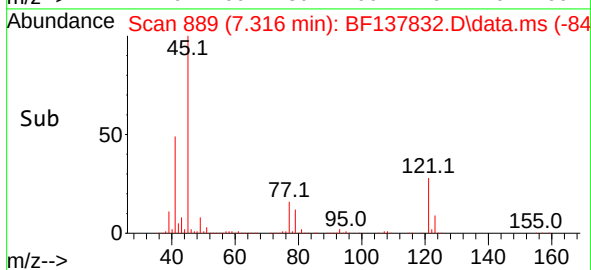
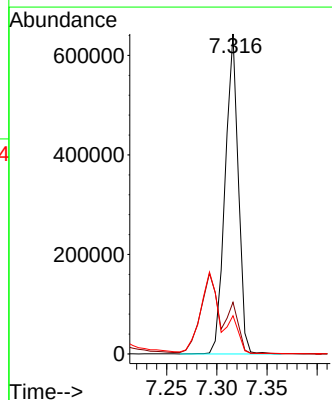
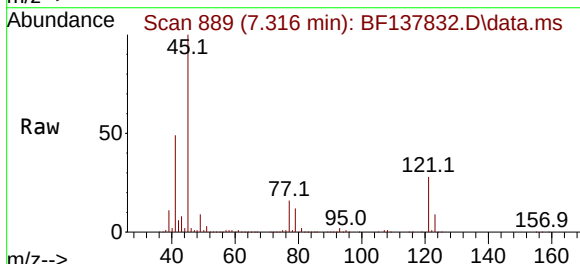
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

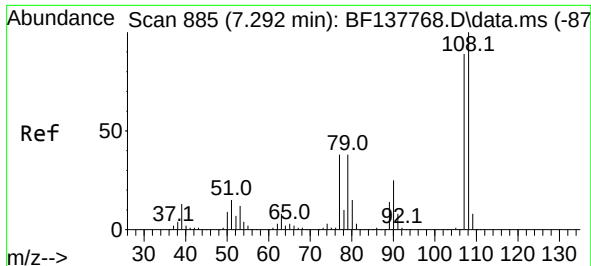
Tgt Ion: 79 Resp: 446219  
Ion Ratio Lower Upper  
79 100  
108 79.4 64.2 96.2  
77 61.8 48.5 72.7



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.224 ng  
RT: 7.316 min Scan# 889  
Delta R.T. -0.012 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion: 45 Resp: 585894  
Ion Ratio Lower Upper  
45 100  
77 16.1 0.0 33.8  
79 12.0 0.0 31.0



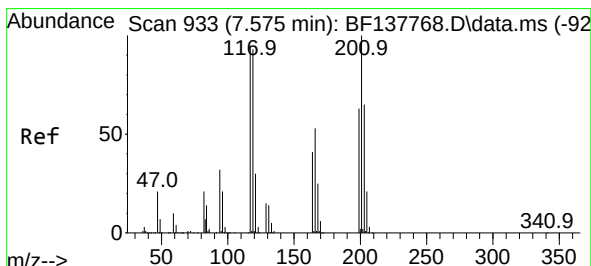
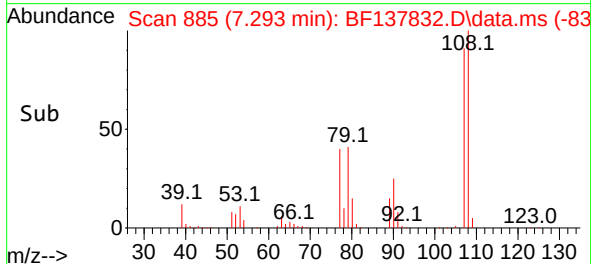
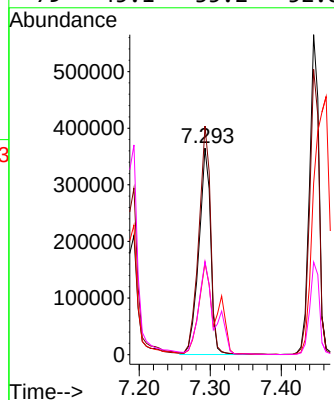
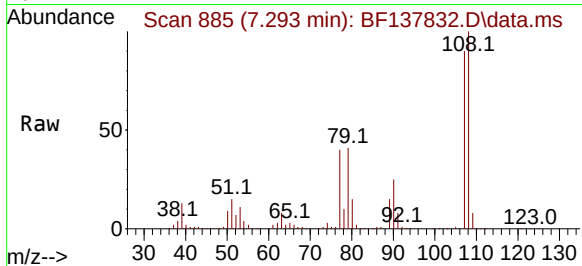


#17  
2-Methylphenol  
Concen: 45.918 ng  
RT: 7.293 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

Tgt Ion:107 Resp: 421646

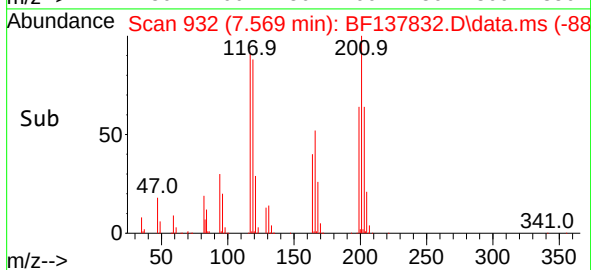
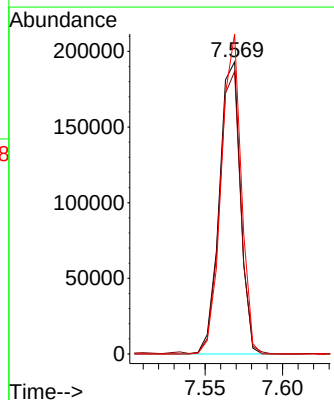
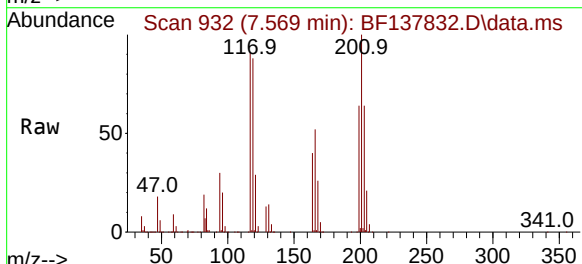
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 110.7 | 90.5  | 135.7 |
| 77  | 44.5  | 34.5  | 51.7  |
| 79  | 45.1  | 35.2  | 52.8  |

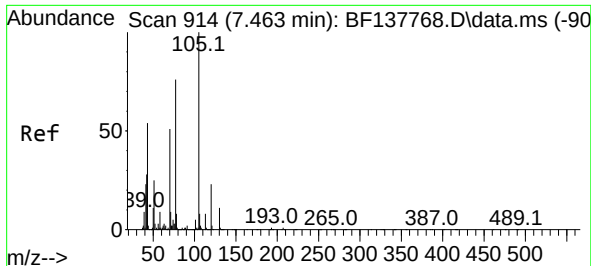


#18  
Hexachloroethane  
Concen: 42.138 ng  
RT: 7.569 min Scan# 932  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:117 Resp: 183430

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.7  | 77.6  | 116.4 |
| 201 | 109.6 | 83.8  | 125.8 |

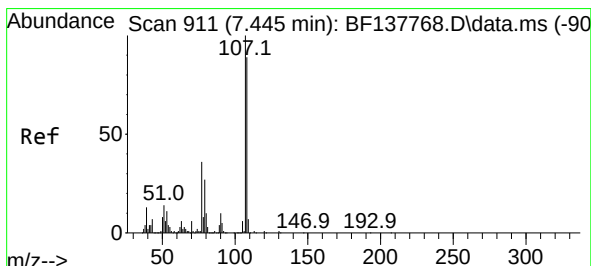
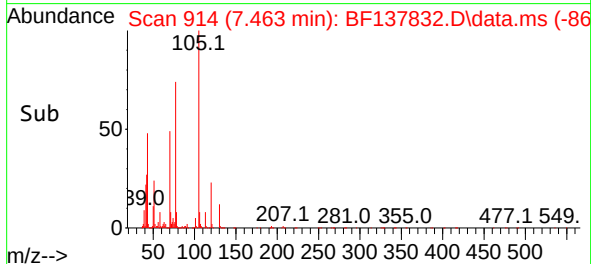
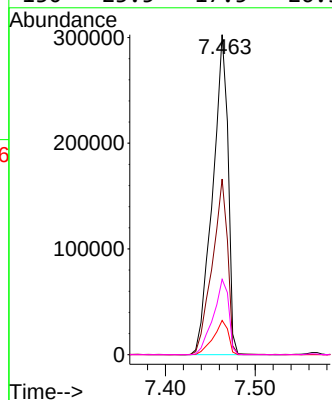
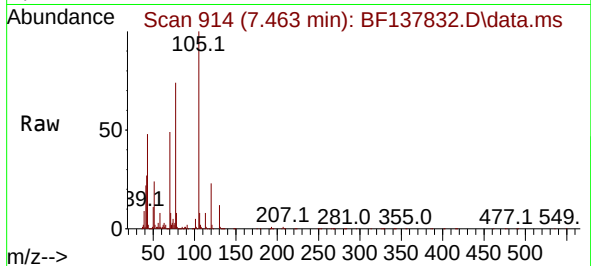




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.433 ng  
RT: 7.463 min Scan# 914  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

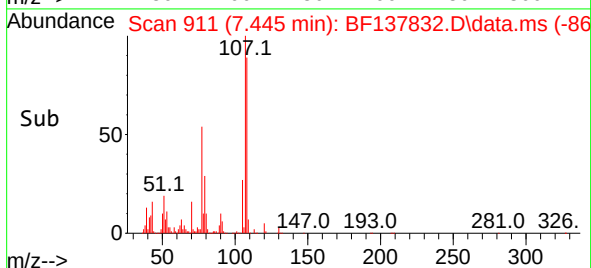
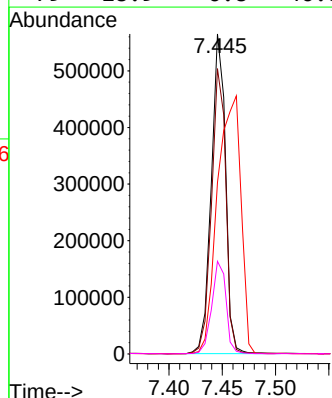
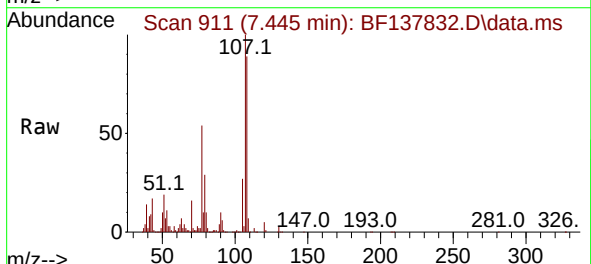
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

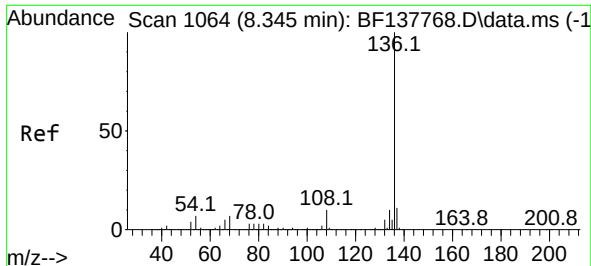
Tgt Ion: 70 Resp: 359624  
Ion Ratio Lower Upper  
70 100  
42 54.9 44.6 66.8  
101 10.7 7.8 11.6  
130 23.5 17.5 26.3



#20  
3+4-Methylphenols  
Concen: 43.543 ng  
RT: 7.445 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion: 107 Resp: 526053  
Ion Ratio Lower Upper  
107 100  
108 89.2 69.3 109.3  
77 53.6 15.7 55.7  
79 28.9 6.8 46.8

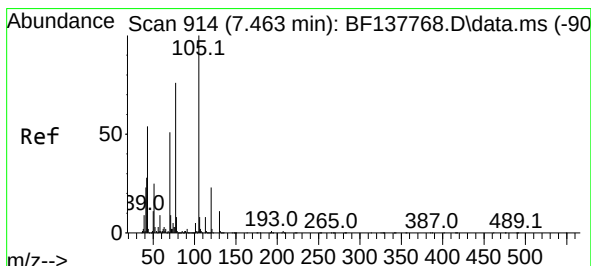
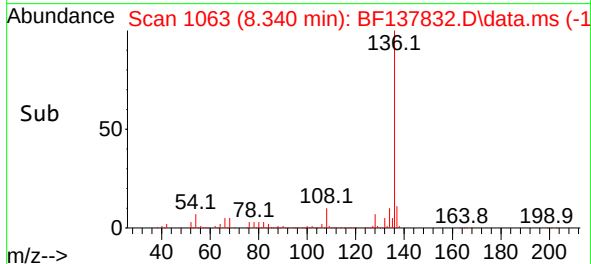
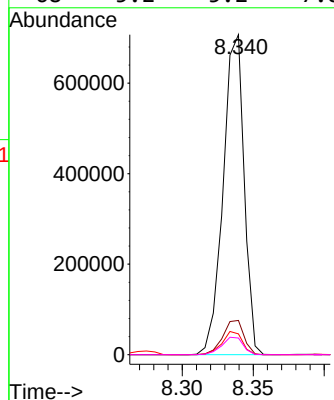
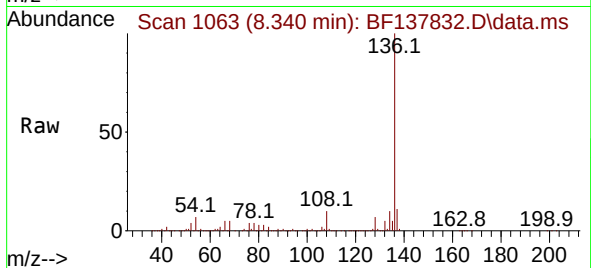




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.340 min Scan# 1064  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

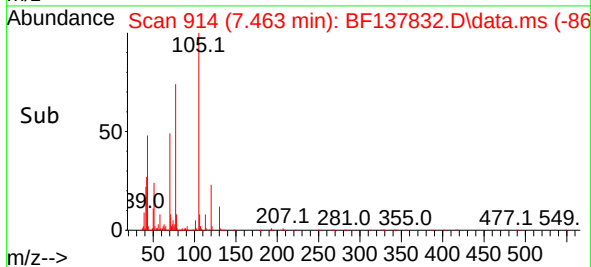
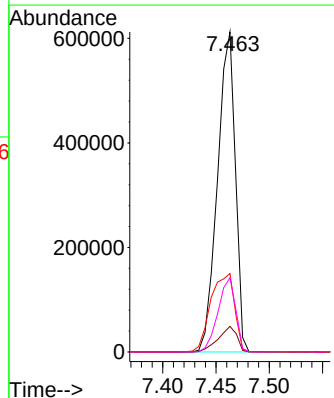
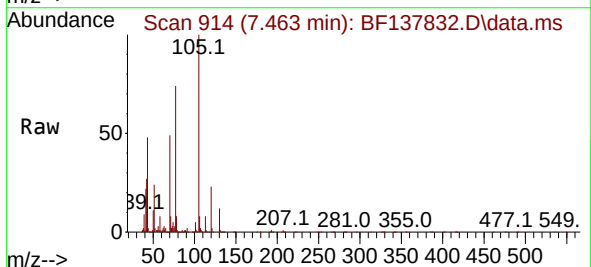
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

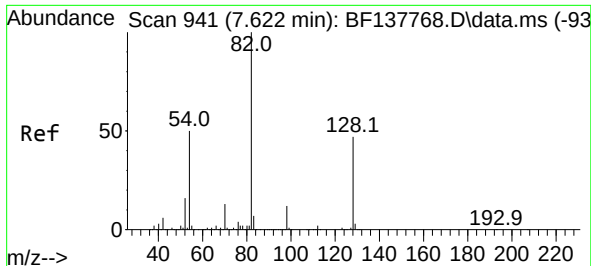
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 725489 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.8   | 13.2   |
| 54       | 6.5   | 5.8   | 8.8    |
| 68       | 5.2   | 5.2   | 7.8    |



#22  
Acetophenone  
Concen: 43.591 ng  
RT: 7.463 min Scan# 914  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 711258 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 8.0   | 6.9   | 10.3   |
| 51       | 24.5  | 20.2  | 30.2   |
| 120      | 23.2  | 18.6  | 27.8   |

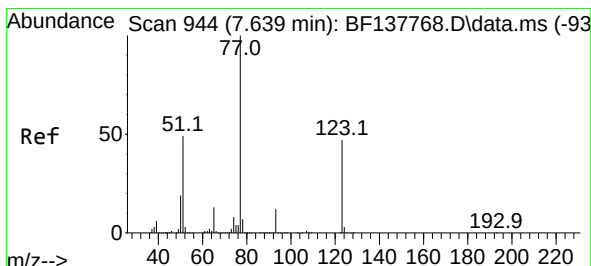
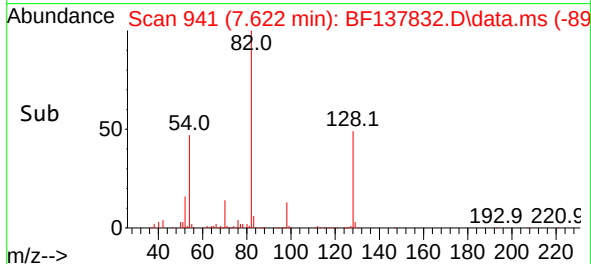
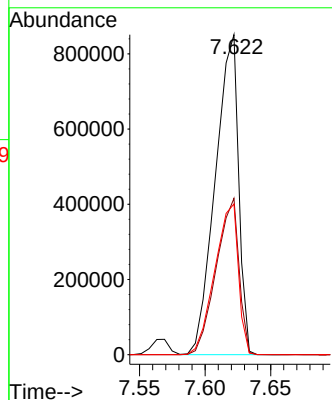
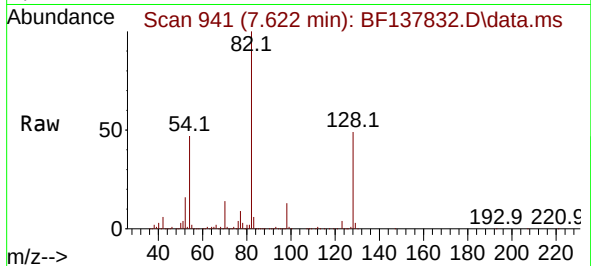




#23  
Nitrobenzene-d5  
Concen: 83.737 ng  
RT: 7.622 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

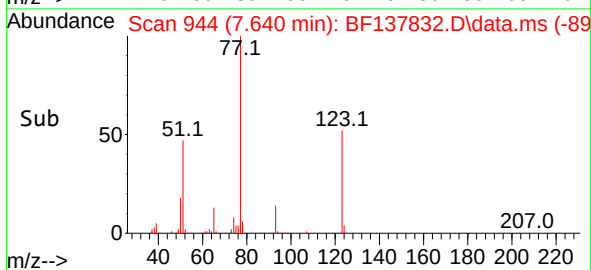
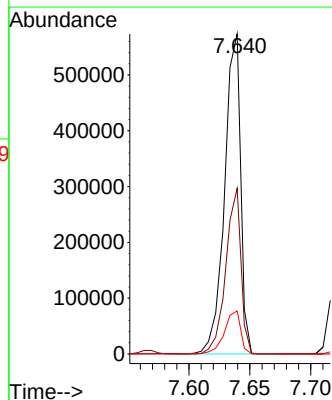
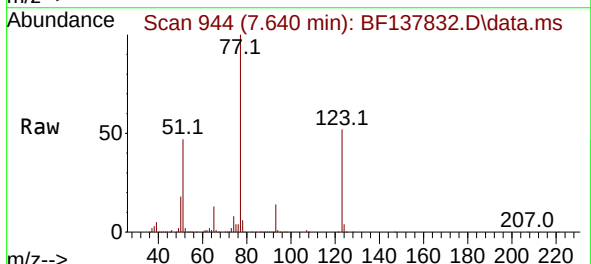
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

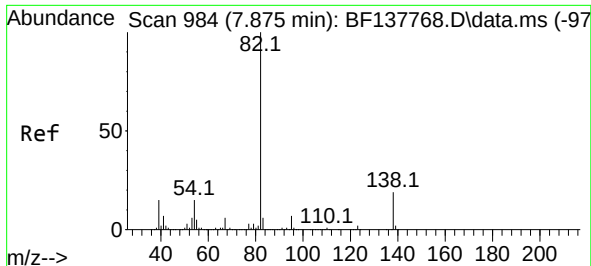
Tgt Ion: 82 Resp: 1045644  
Ion Ratio Lower Upper  
82 100  
128 48.9 37.5 56.3  
54 47.1 39.8 59.6



#24  
Nitrobenzene  
Concen: 40.877 ng  
RT: 7.640 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion: 77 Resp: 526086  
Ion Ratio Lower Upper  
77 100  
123 51.7 37.4 56.2  
65 13.5 10.7 16.1

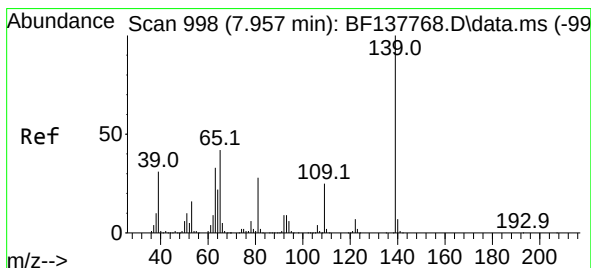
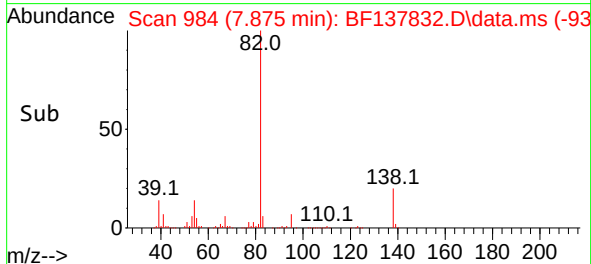
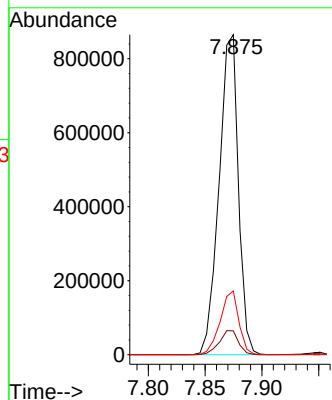
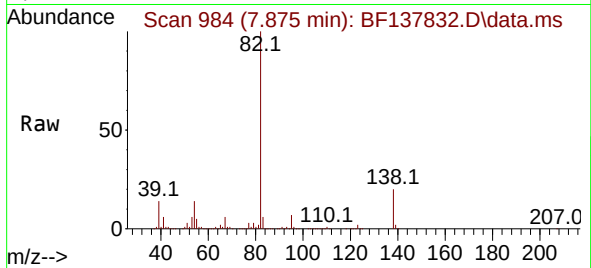




#25  
Isophorone  
Concen: 45.493 ng  
RT: 7.875 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

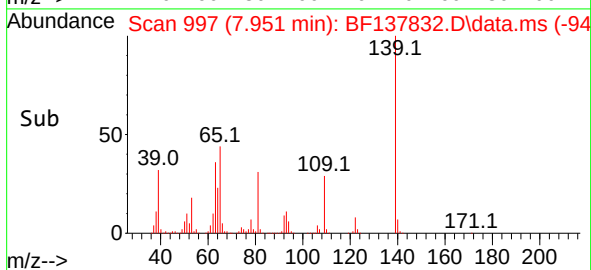
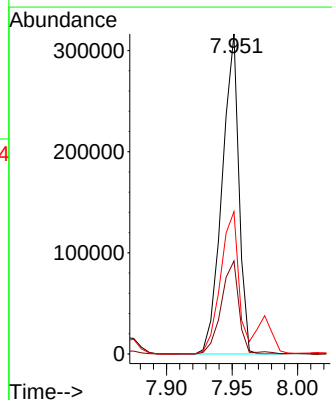
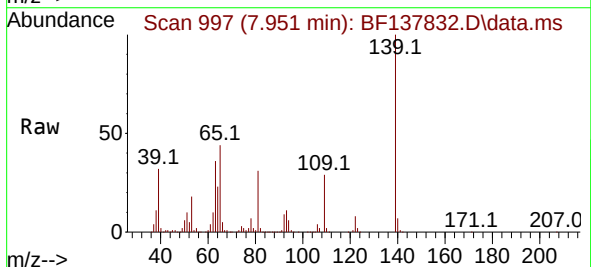
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

Tgt Ion: 82 Resp: 1024249  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.7 8.5  
138 19.9 15.0 22.6

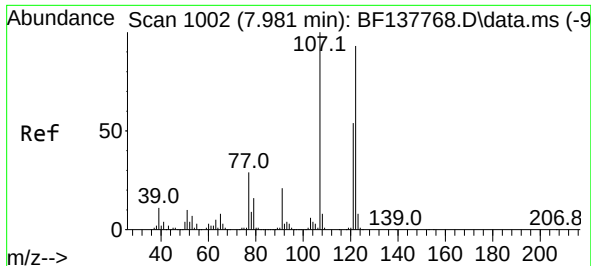


#26  
2-Nitrophenol  
Concen: 48.353 ng  
RT: 7.951 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:139 Resp: 281804  
Ion Ratio Lower Upper  
139 100  
109 29.1 20.2 30.2  
65 44.4 33.4 50.0







#27

2,4-Dimethylphenol

Concen: 47.613 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF137832.D

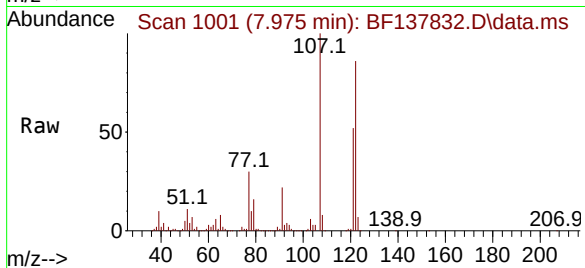
Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS



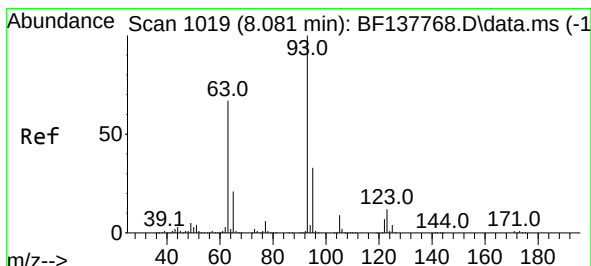
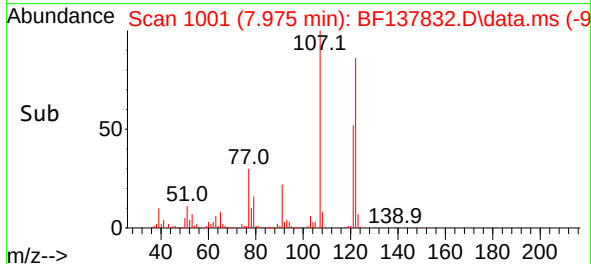
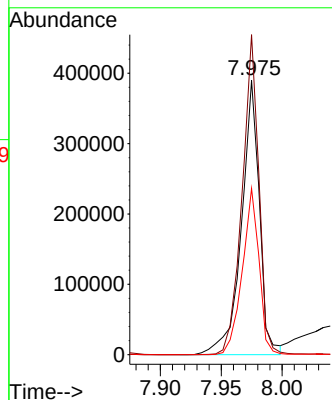
Tgt Ion:122 Resp: 399495

Ion Ratio Lower Upper

122 100

107 116.7 85.8 128.8

121 60.6 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.639 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

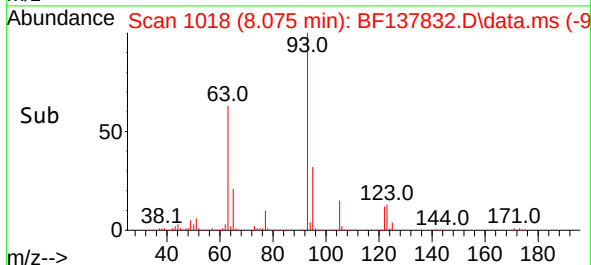
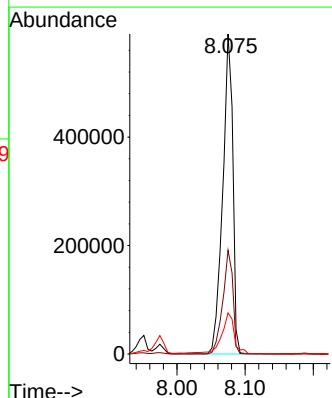
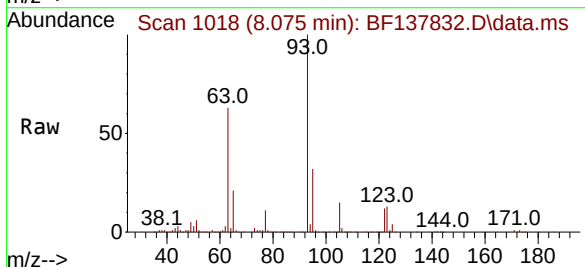
Tgt Ion: 93 Resp: 608517

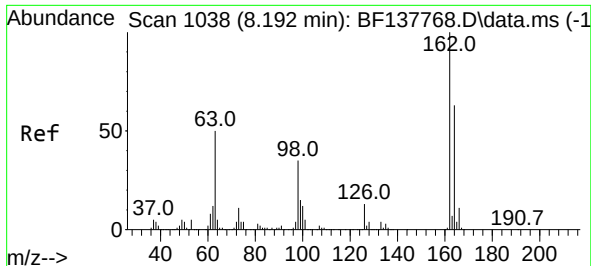
Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

123 12.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.322 ng

RT: 8.187 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

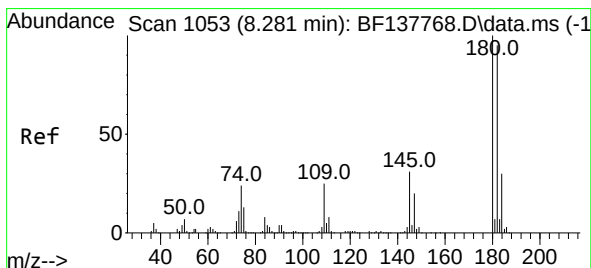
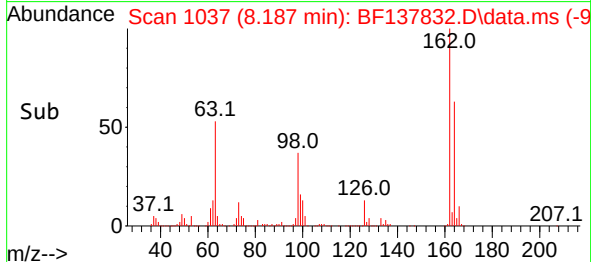
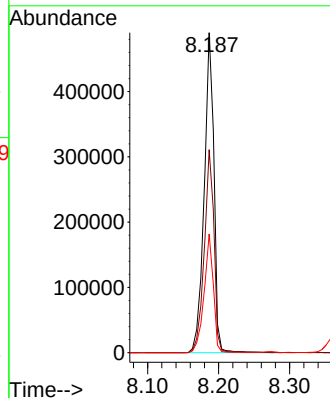
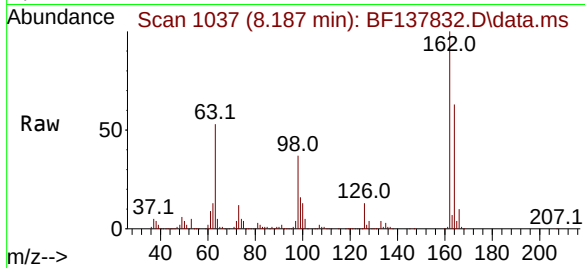
Tgt Ion:162 Resp: 469779

Ion Ratio Lower Upper

162 100

164 63.4 43.5 83.5

98 37.1 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 42.688 ng

RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

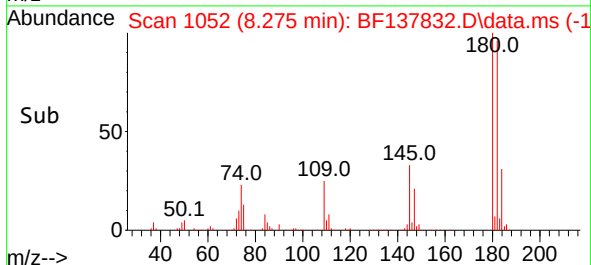
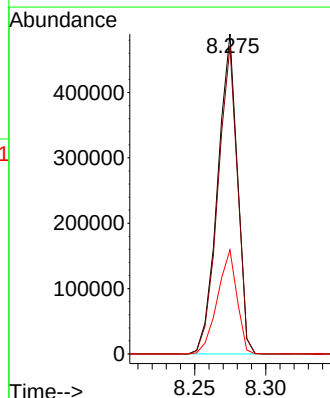
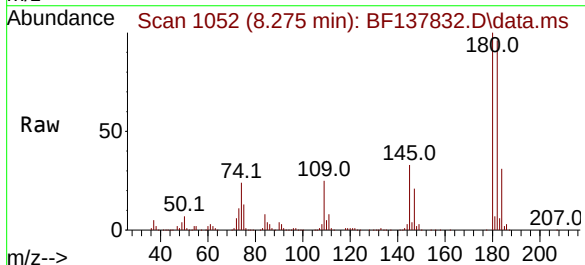
Tgt Ion:180 Resp: 471948

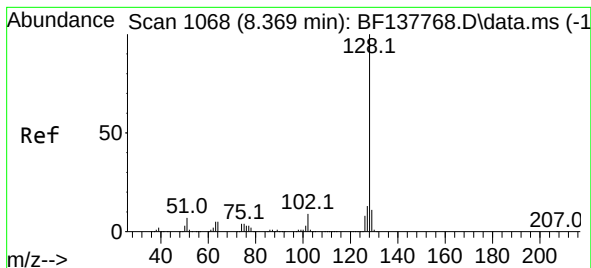
Ion Ratio Lower Upper

180 100

182 96.2 76.2 114.2

145 32.6 25.1 37.7





#31

Naphthalene

Concen: 42.433 ng

RT: 8.357 min Scan# 1066

Delta R.T. -0.012 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

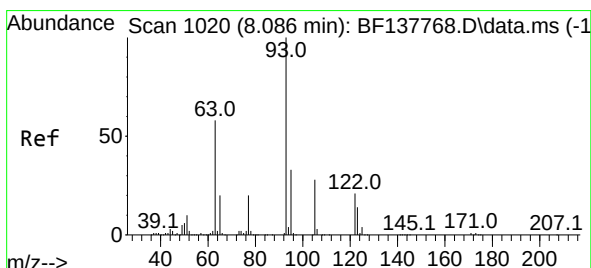
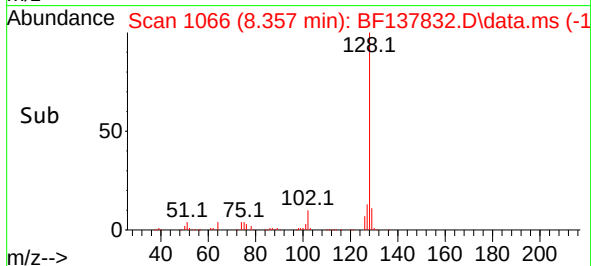
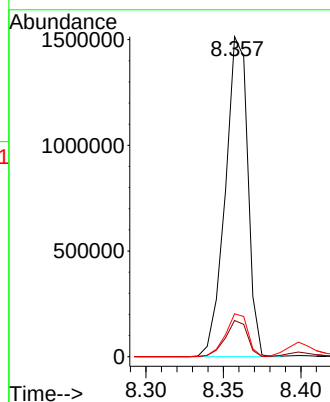
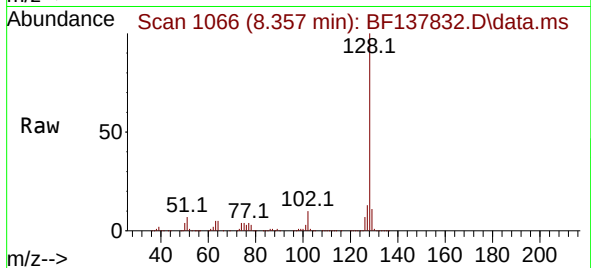
Tgt Ion:128 Resp: 1529863

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 45.492 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.012 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

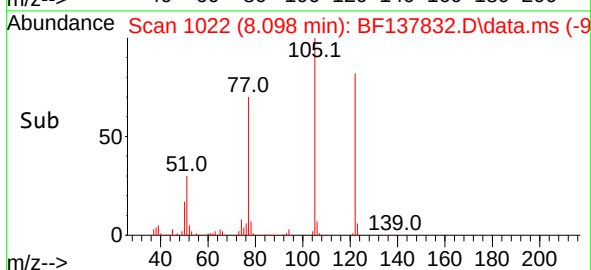
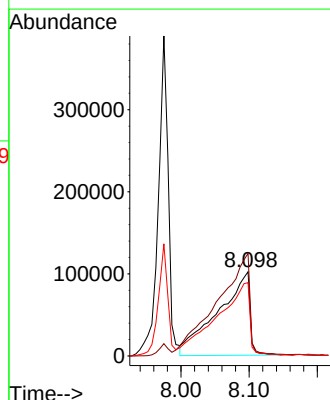
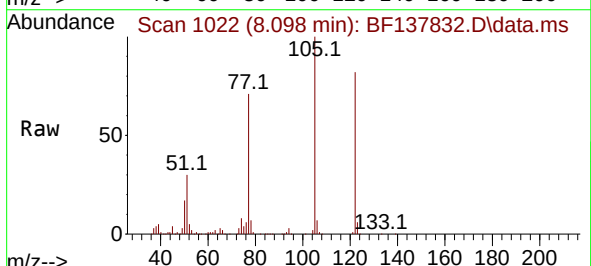
Tgt Ion:122 Resp: 329294

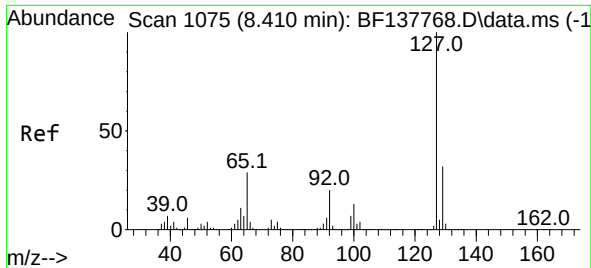
Ion Ratio Lower Upper

122 100

105 121.9 105.3 145.3

77 87.1 73.2 113.2

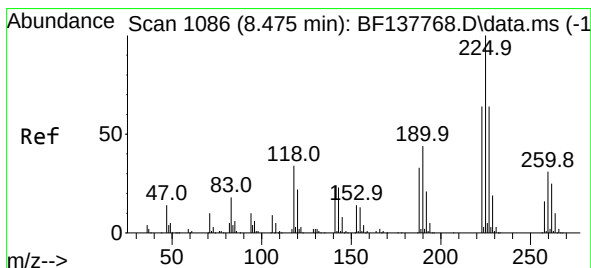
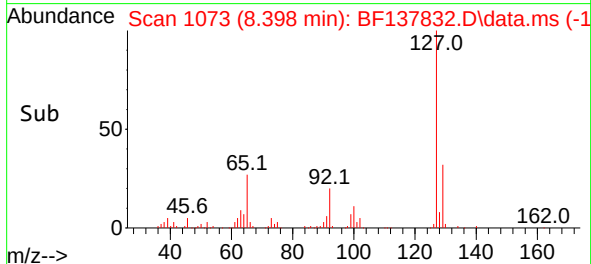
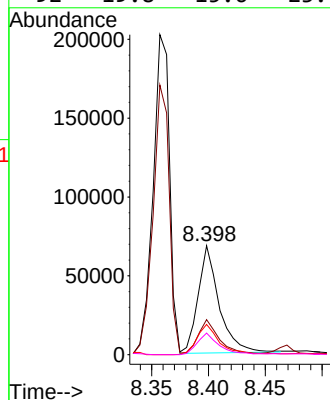
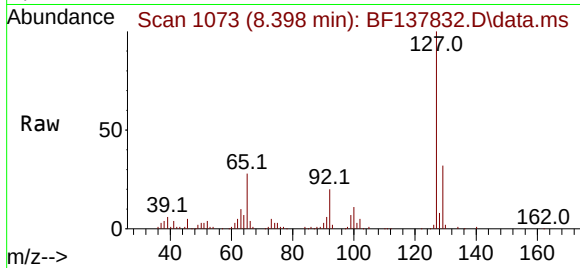




#33  
4-Chloroaniline  
Concen: 6.557 ng  
RT: 8.398 min Scan# 1073  
Delta R.T. -0.012 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

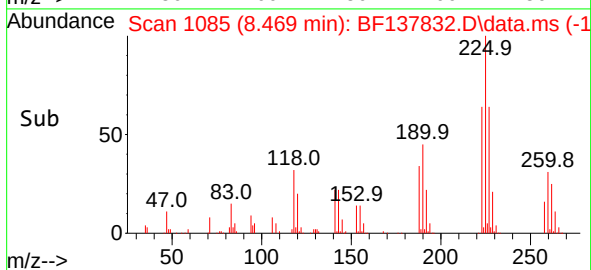
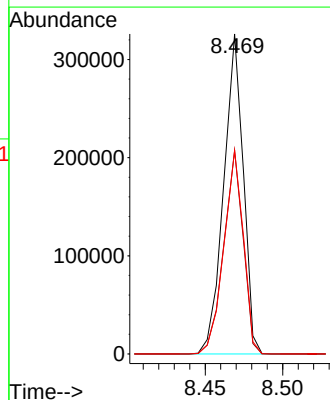
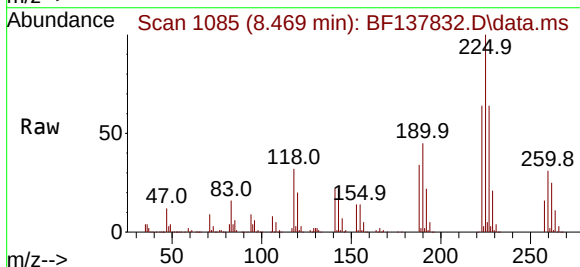
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

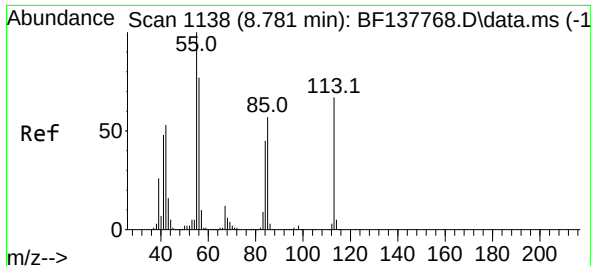
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:127 | Resp: | 87670       |
| Ion         | Ratio | Lower Upper |
| 127         | 100   |             |
| 129         | 32.1  | 25.7 38.5   |
| 65          | 27.8  | 23.4 35.2   |
| 92          | 19.8  | 15.6 23.4   |



#34  
Hexachlorobutadiene  
Concen: 42.164 ng  
RT: 8.469 min Scan# 1085  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 286199      |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 63.6  | 51.1 76.7   |
| 227         | 63.6  | 51.4 77.0   |

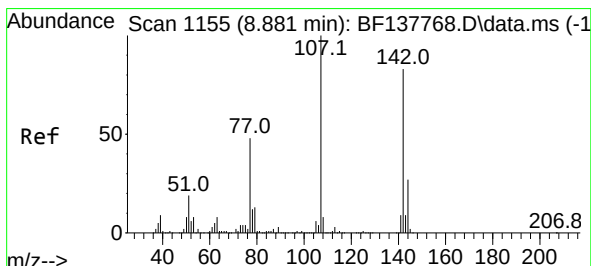
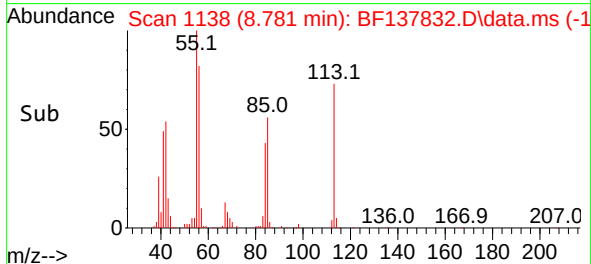
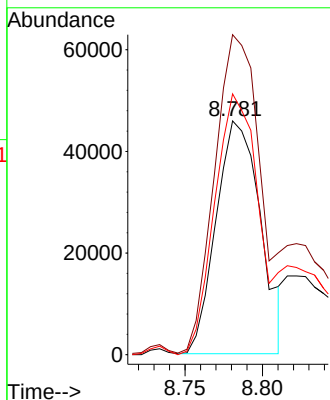
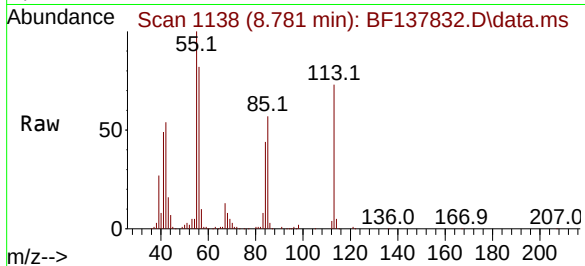




#35  
Caprolactam  
Concen: 28.421 ng  
RT: 8.781 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

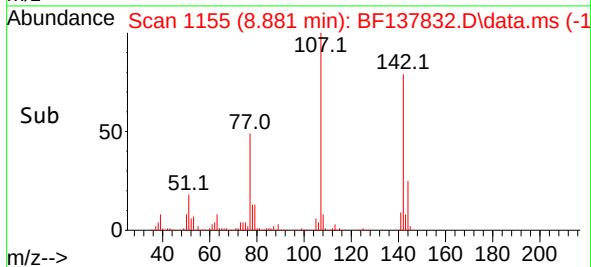
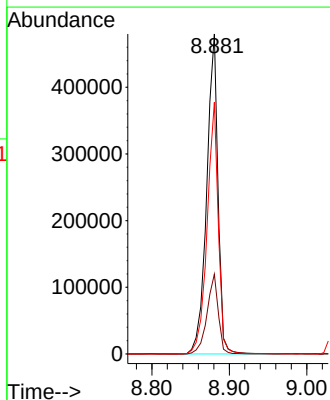
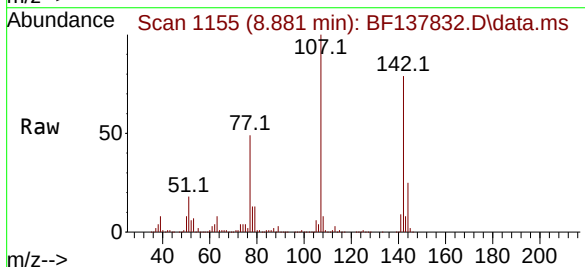
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

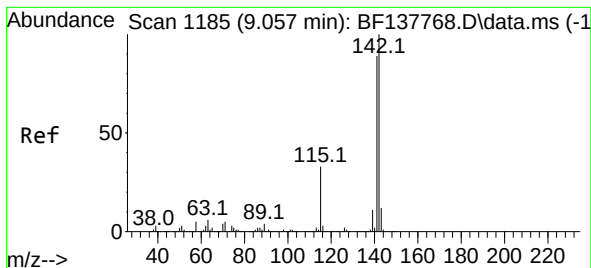
Tgt Ion:113 Resp: 91325  
Ion Ratio Lower Upper  
113 100  
55 136.9 128.7 168.7  
56 111.6 93.9 133.9



#36  
4-Chloro-3-methylphenol  
Concen: 46.019 ng  
RT: 8.881 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:107 Resp: 486695  
Ion Ratio Lower Upper  
107 100  
144 24.9 21.4 32.0  
142 78.6 66.2 99.2





#37

2-Methylnaphthalene

Concen: 45.072 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

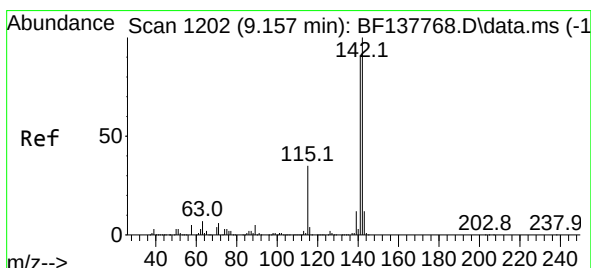
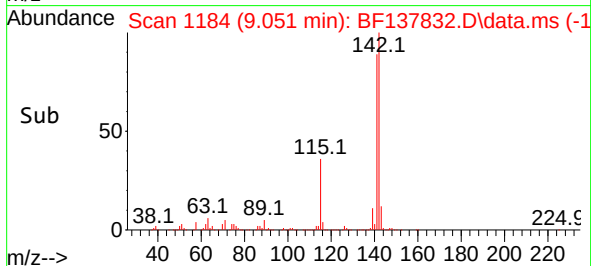
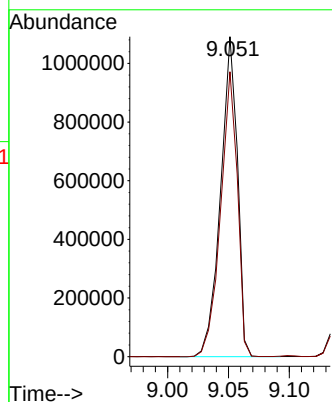
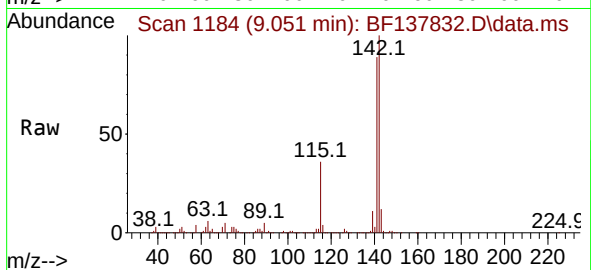
V359MS

Tgt Ion:142 Resp: 1051880

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2



#38

1-Methylnaphthalene

Concen: 42.310 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137832.D

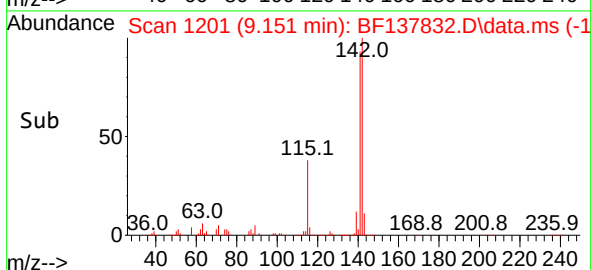
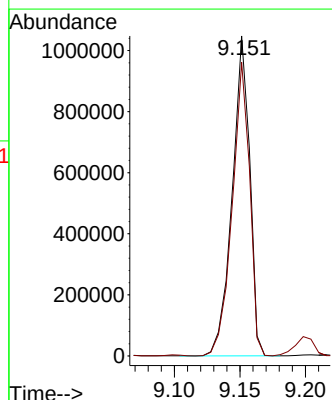
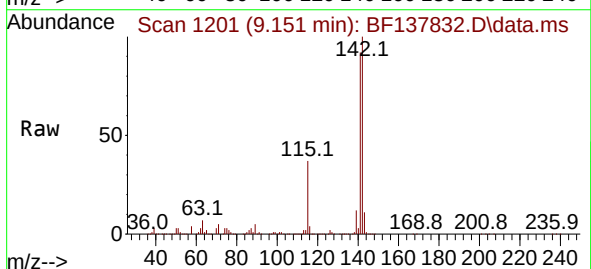
Acq: 03 May 2024 16:49

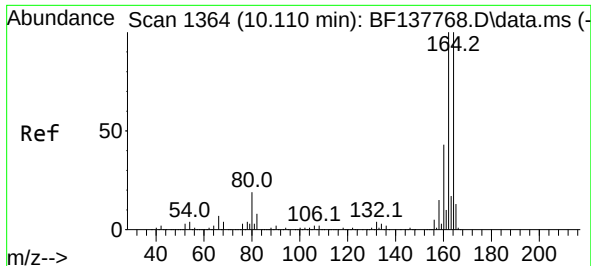
Tgt Ion:142 Resp: 971439

Ion Ratio Lower Upper

142 100

141 91.8 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

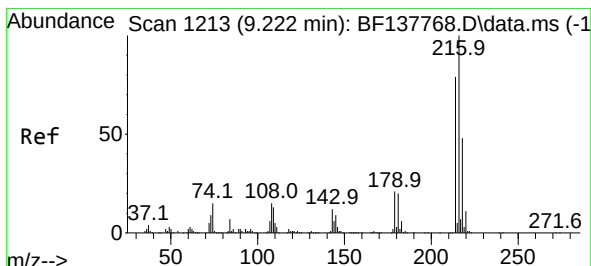
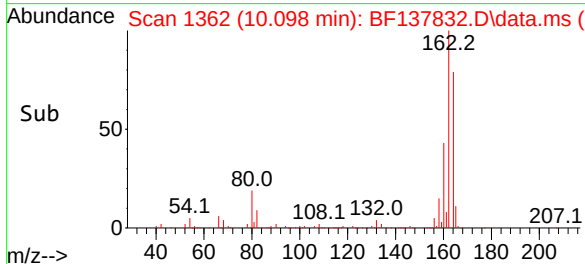
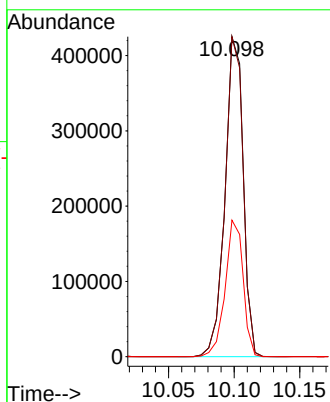
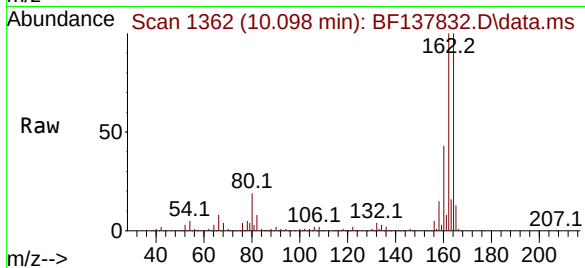
Tgt Ion:164 Resp: 410003

Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.6

160 42.7 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.448 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Tgt Ion:216 Resp: 493524

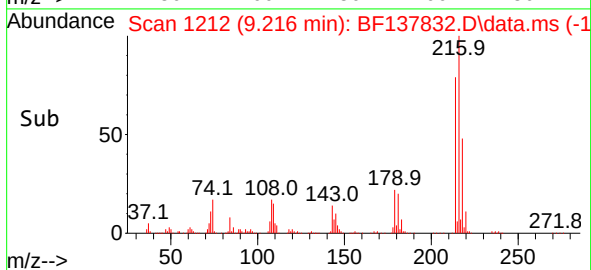
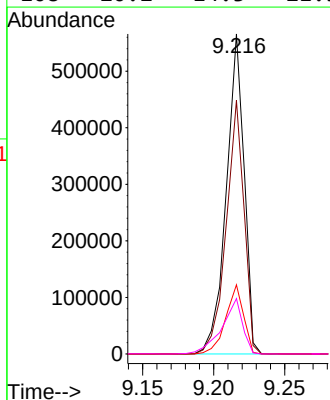
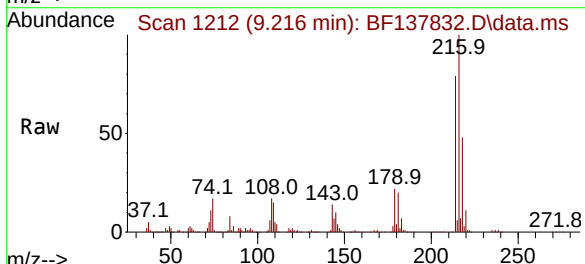
Ion Ratio Lower Upper

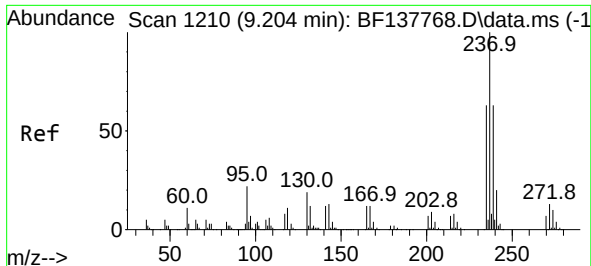
216 100

214 78.9 63.3 94.9

179 21.6 16.8 25.2

108 20.2 14.3 21.5

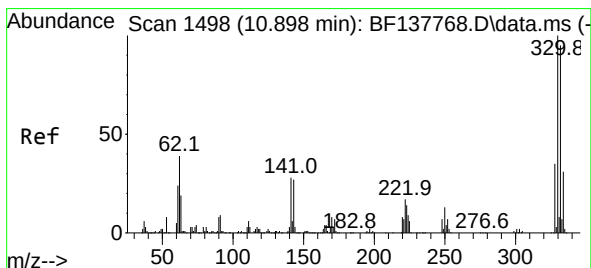
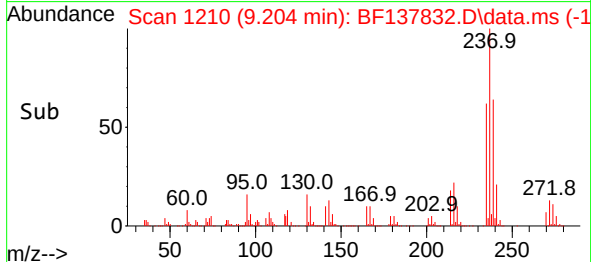
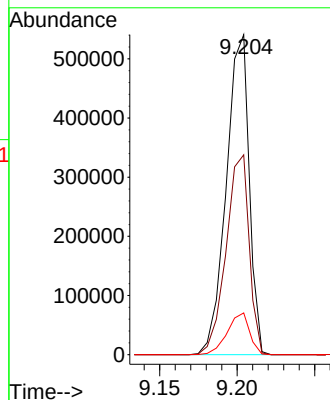
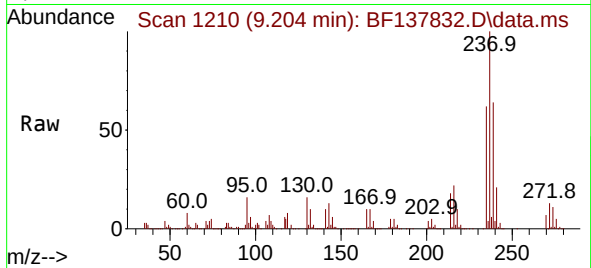




#41  
Hexachlorocyclopentadiene  
Concen: 126.074 ng  
RT: 9.204 min Scan# 1210  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

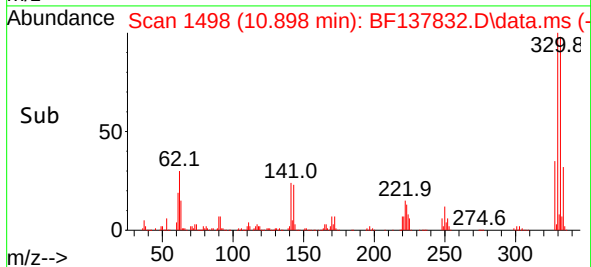
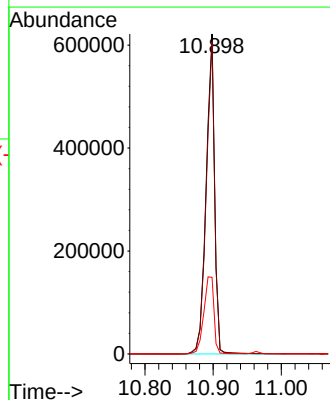
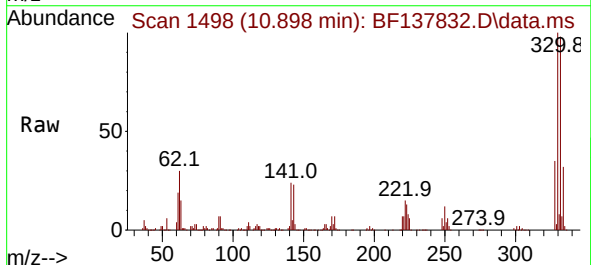
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

Tgt Ion:237 Resp: 556078  
Ion Ratio Lower Upper  
237 100  
235 62.5 43.0 83.0  
272 13.1 0.0 32.8

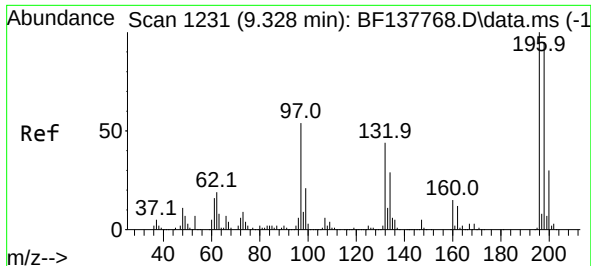


#42  
2,4,6-Tribromophenol  
Concen: 128.666 ng  
RT: 10.898 min Scan# 1498  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:330 Resp: 538624  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.3 115.9  
141 29.0 23.8 35.6



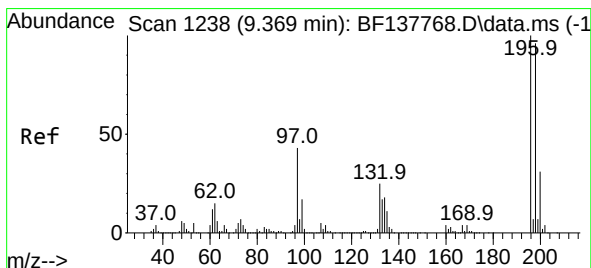
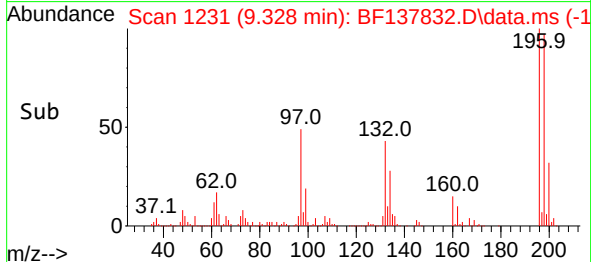
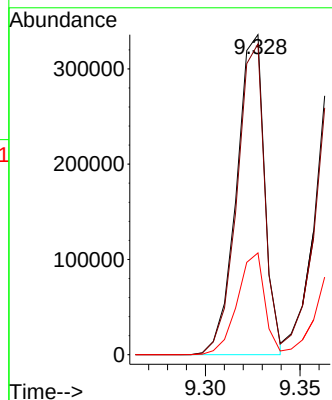
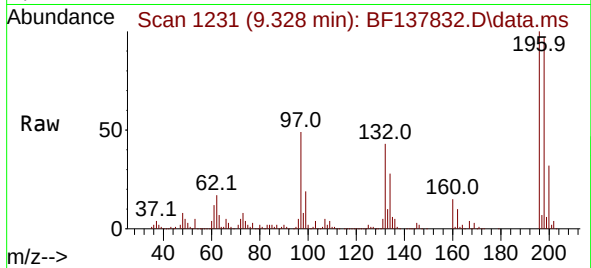




#43  
2,4,6-Trichlorophenol  
Concen: 46.864 ng  
RT: 9.328 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

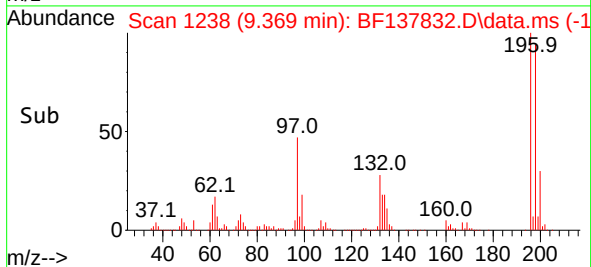
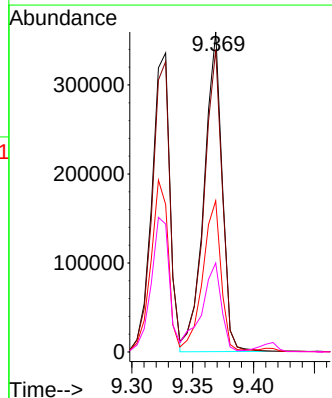
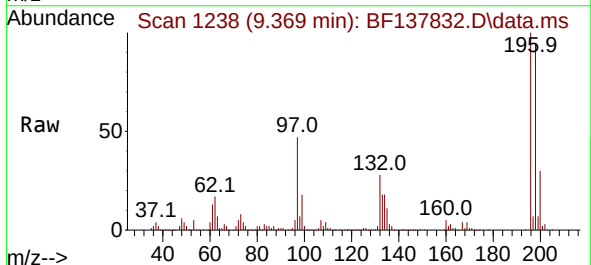
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

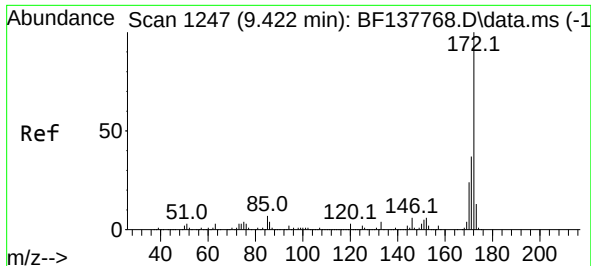
Tgt Ion:196 Resp: 346416  
Ion Ratio Lower Upper  
196 100  
198 97.1 76.2 114.4  
200 31.8 24.2 36.2



#44  
2,4,5-Trichlorophenol  
Concen: 45.213 ng  
RT: 9.369 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:196 Resp: 369034  
Ion Ratio Lower Upper  
196 100  
198 94.4 76.6 114.8  
97 47.3 34.5 51.7  
132 27.8 20.3 30.5

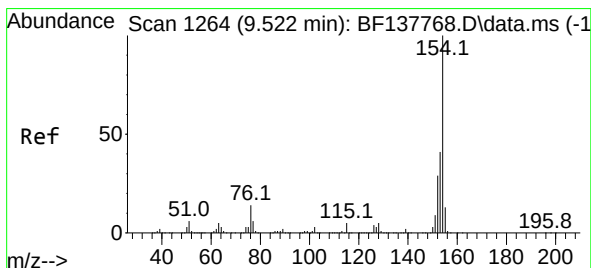
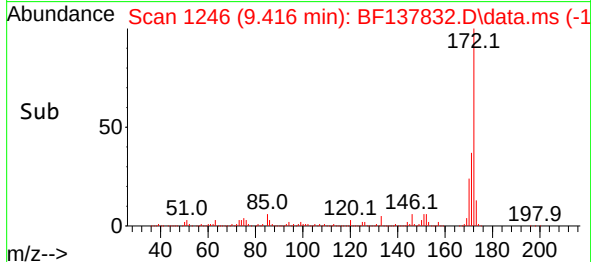
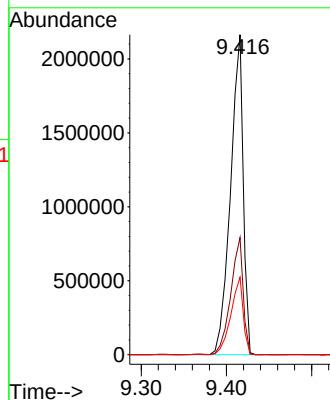
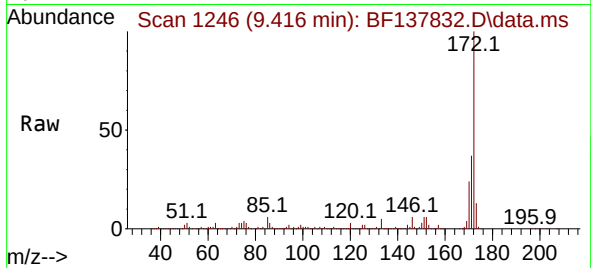




#45  
2-Fluorobiphenyl  
Concen: 88.868 ng  
RT: 9.416 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

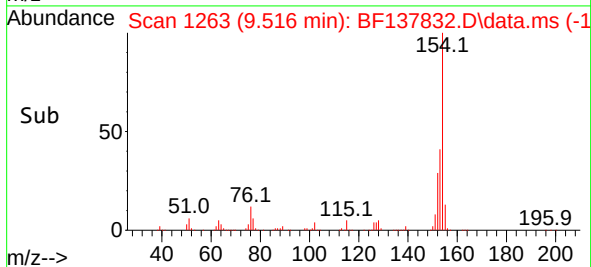
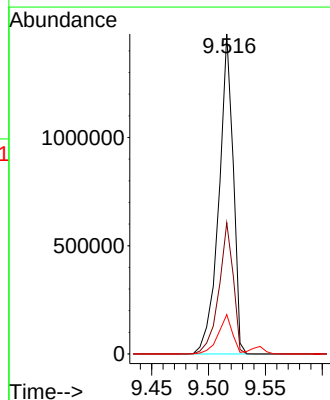
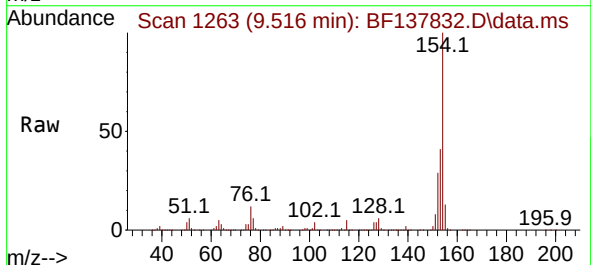
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

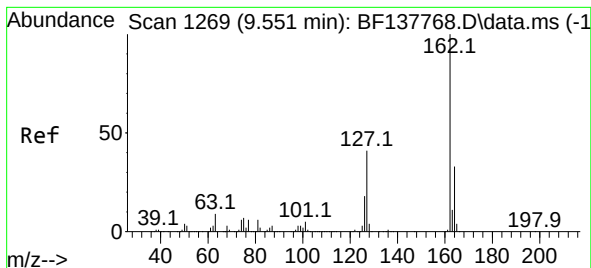
Tgt Ion:172 Resp: 2245858  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.6 44.4  
170 24.2 19.4 29.2



#46  
1,1'-Biphenyl  
Concen: 46.111 ng  
RT: 9.516 min Scan# 1263  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:154 Resp: 1297466  
Ion Ratio Lower Upper  
154 100  
153 41.0 21.4 61.4  
76 12.3 0.0 33.5





#47

2-Chloronaphthalene

Concen: 44.016 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

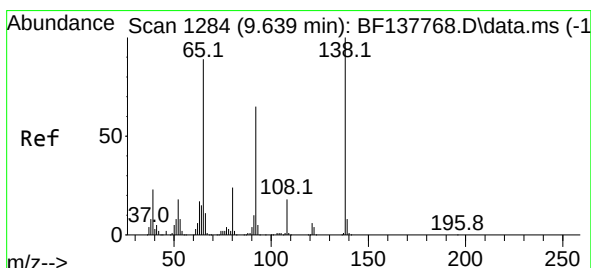
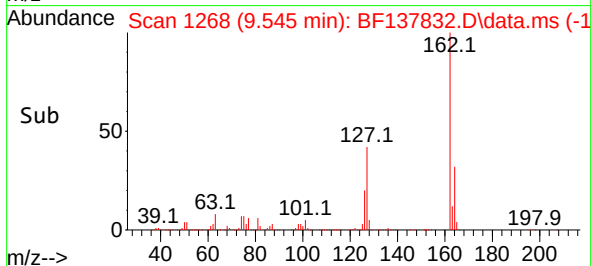
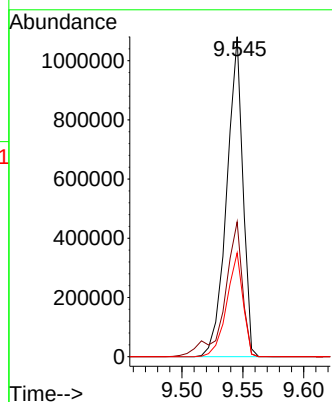
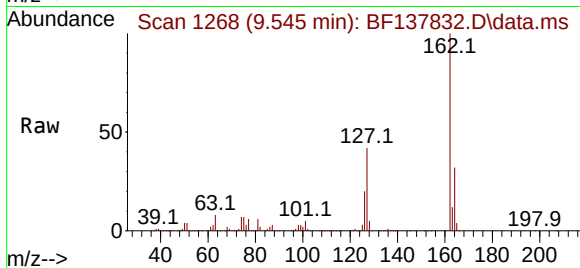
Tgt Ion:162 Resp: 999915

Ion Ratio Lower Upper

162 100

127 42.2 32.6 49.0

164 32.5 26.5 39.7



#48

2-Nitroaniline

Concen: 44.140 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

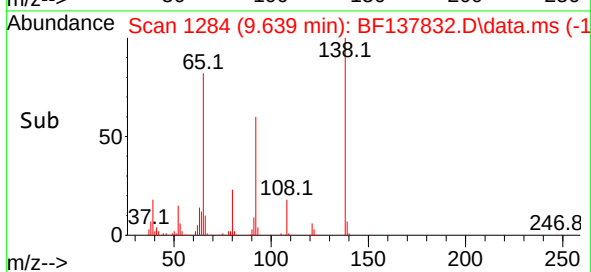
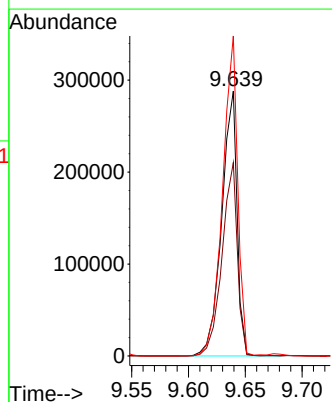
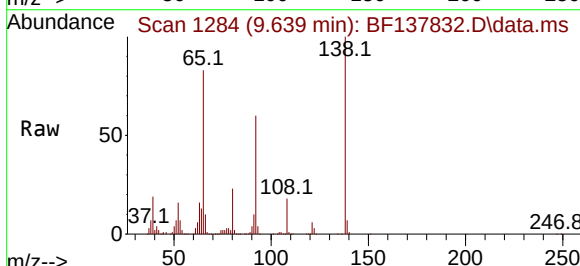
Tgt Ion: 65 Resp: 271949

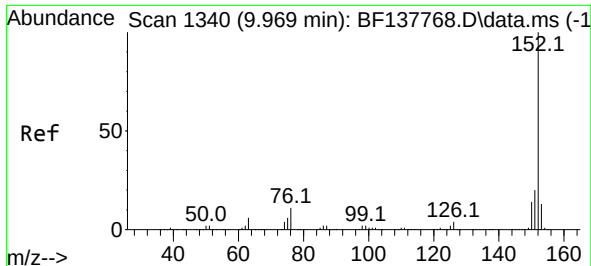
Ion Ratio Lower Upper

65 100

92 73.0 58.6 88.0

138 120.8 90.3 135.5





#49

Acenaphthylene

Concen: 47.939 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

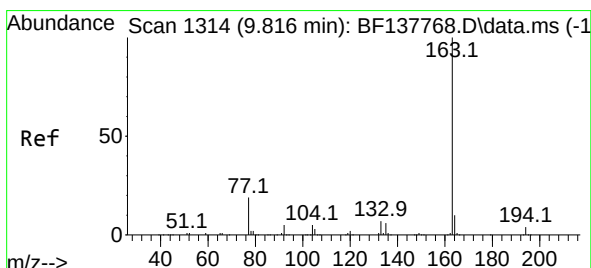
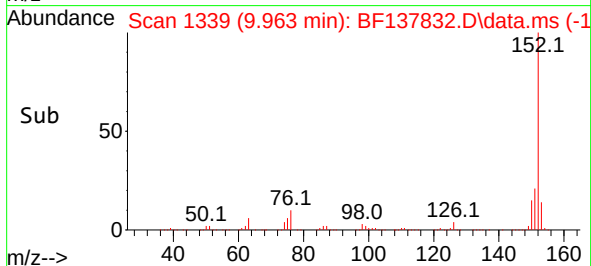
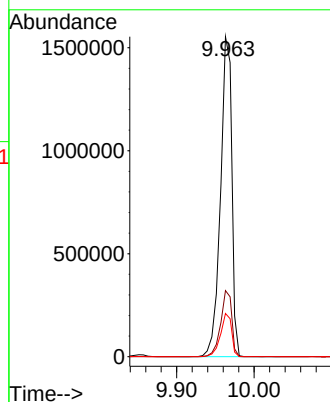
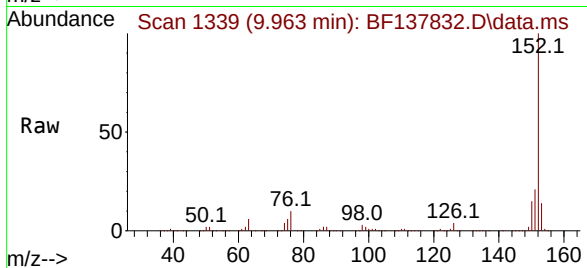
Tgt Ion:152 Resp: 1575373

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 13.5 10.8 16.2



#50

Dimethylphthalate

Concen: 48.223 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

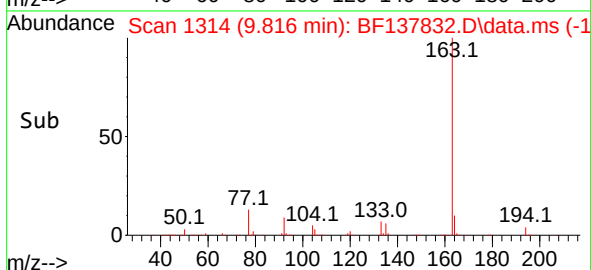
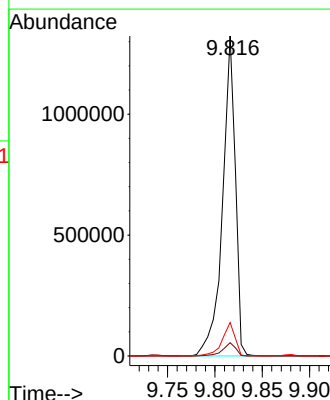
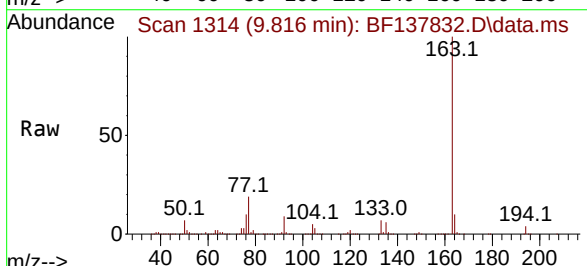
Tgt Ion:163 Resp: 1248164

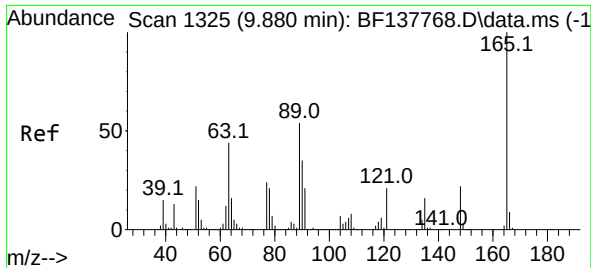
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.4 8.3 12.5

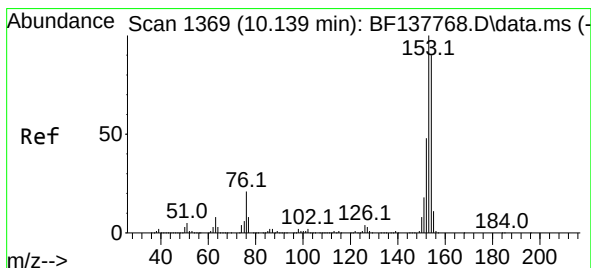
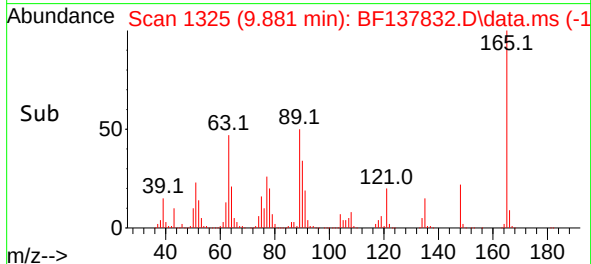
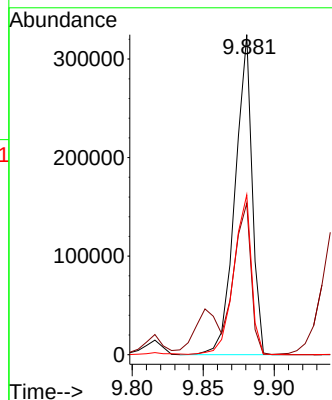
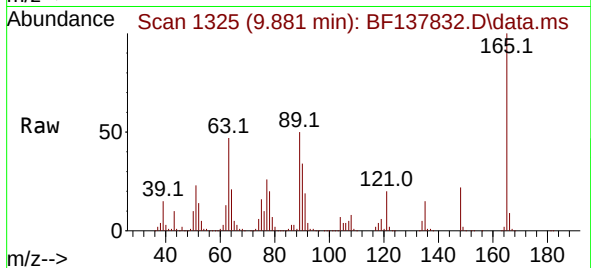




#51  
2,6-Dinitrotoluene  
Concen: 45.831 ng  
RT: 9.881 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

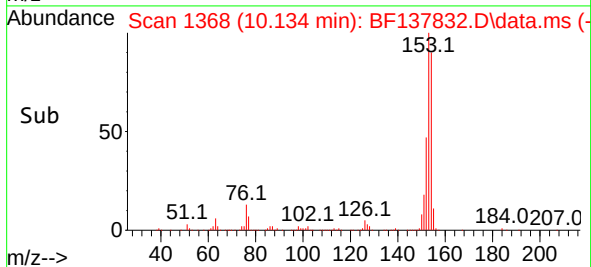
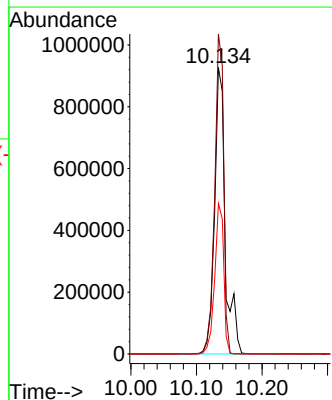
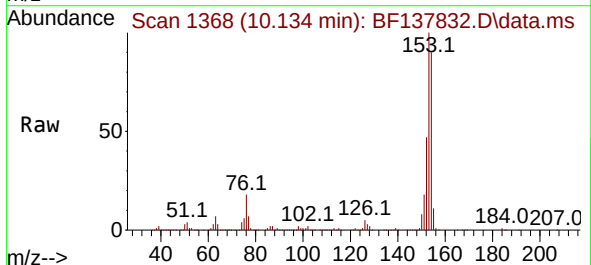
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

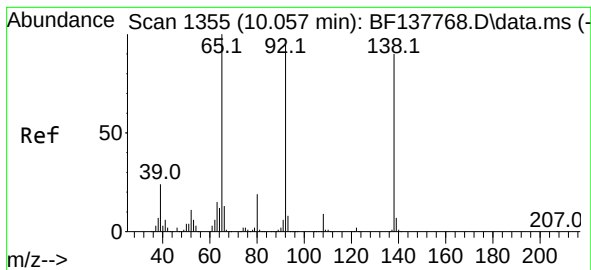
Tgt Ion:165 Resp: 271094  
Ion Ratio Lower Upper  
165 100  
63 47.3 41.9 62.9  
89 49.9 43.2 64.8



#52  
Acenaphthene  
Concen: 48.287 ng  
RT: 10.134 min Scan# 1368  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:154 Resp: 1051802  
Ion Ratio Lower Upper  
154 100  
153 111.7 88.7 133.1  
152 52.5 42.8 64.2

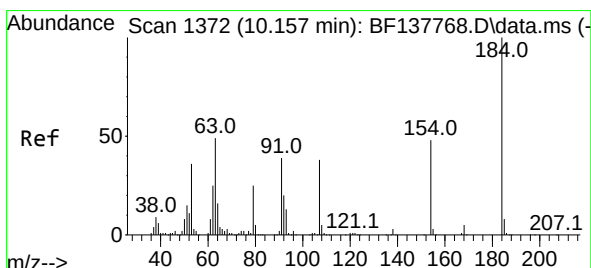
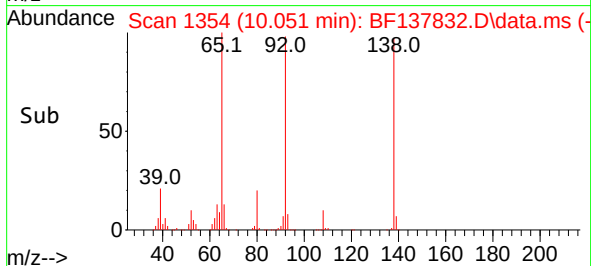
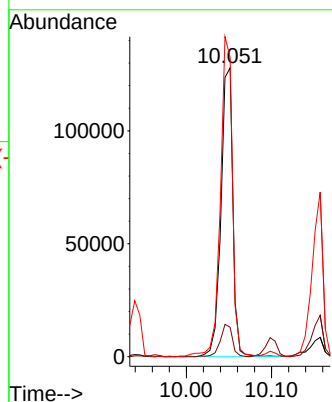
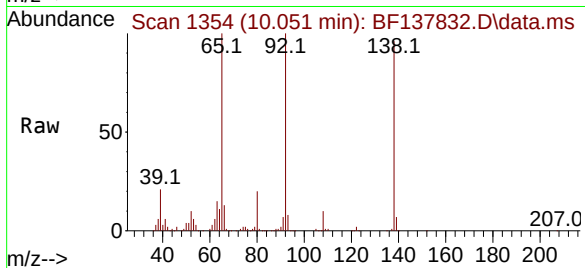




#53  
3-Nitroaniline  
Concen: 19.980 ng  
RT: 10.051 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

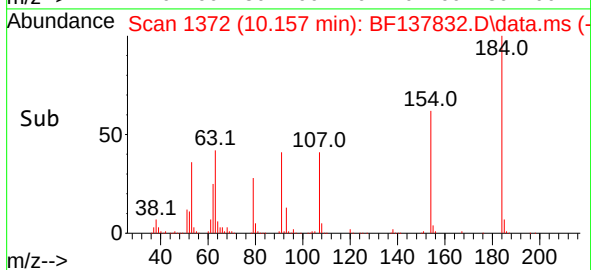
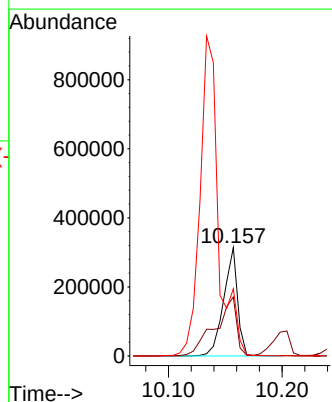
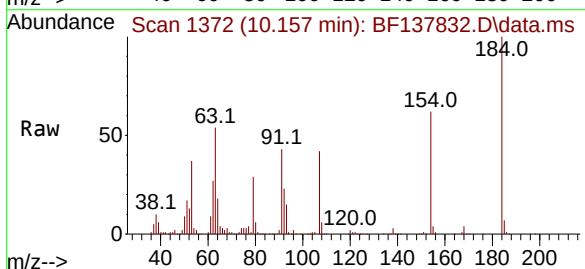
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

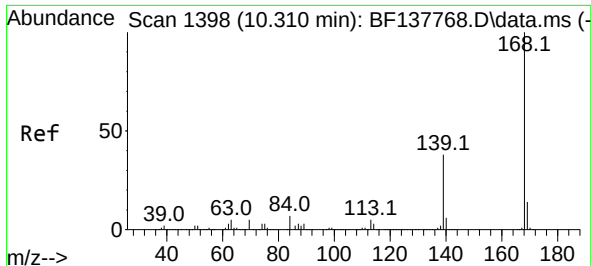
Tgt Ion:138 Resp: 123762  
Ion Ratio Lower Upper  
138 100  
108 10.2 7.8 11.6  
92 103.6 84.6 126.8



#54  
2,4-Dinitrophenol  
Concen: 92.158 ng  
RT: 10.157 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:184 Resp: 267849  
Ion Ratio Lower Upper  
184 100  
63 54.3 40.3 60.5  
154 62.0 45.2 67.8

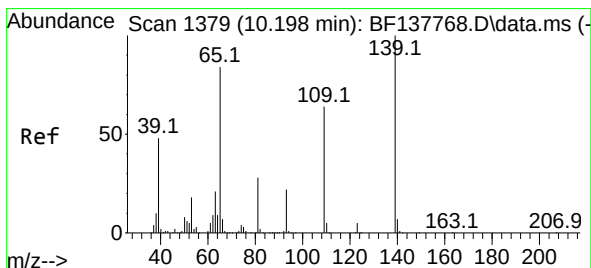
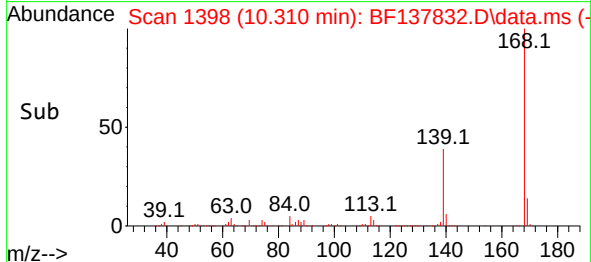
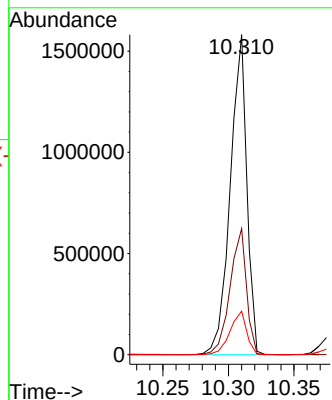
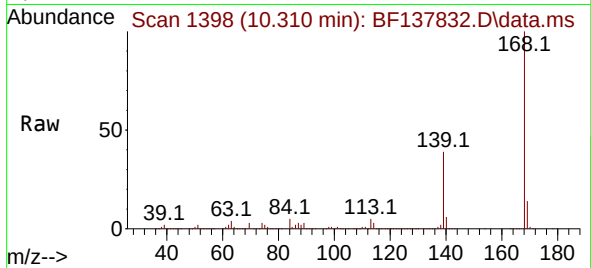




#55  
Dibenzofuran  
Concen: 43.798 ng  
RT: 10.310 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

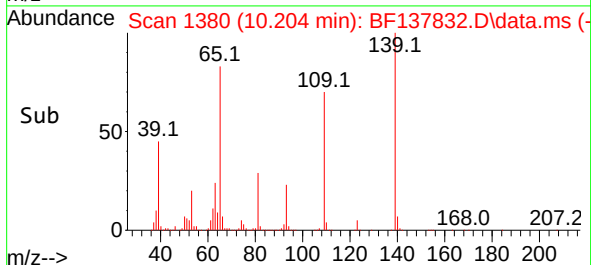
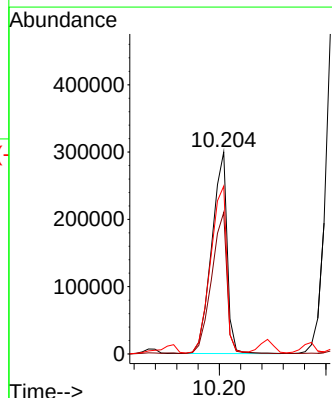
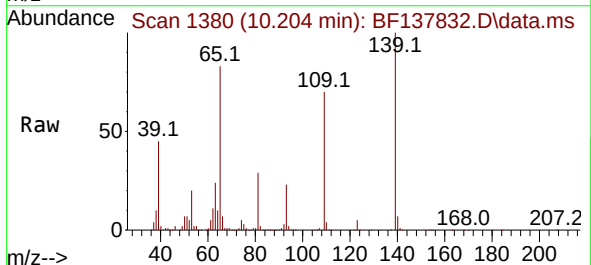
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

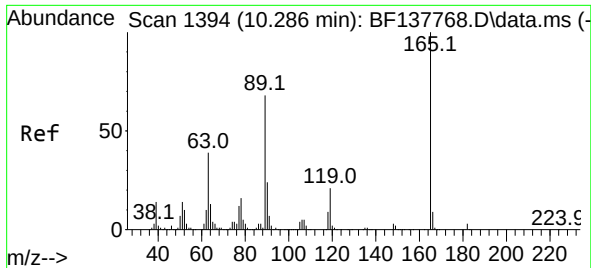
Tgt Ion:168 Resp: 1388322  
Ion Ratio Lower Upper  
168 100  
139 39.4 30.2 45.4  
169 13.6 11.4 17.0



#56  
4-Nitrophenol  
Concen: 58.849 ng  
RT: 10.204 min Scan# 1380  
Delta R.T. 0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:139 Resp: 302123  
Ion Ratio Lower Upper  
139 100  
109 70.1 44.0 84.0  
65 83.2 64.3 104.3

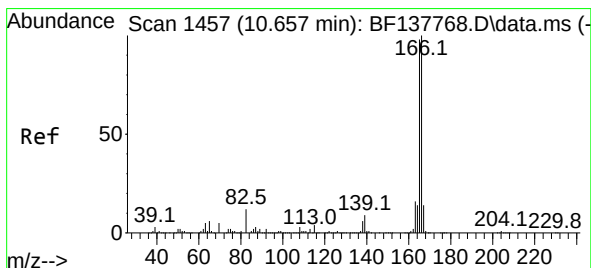
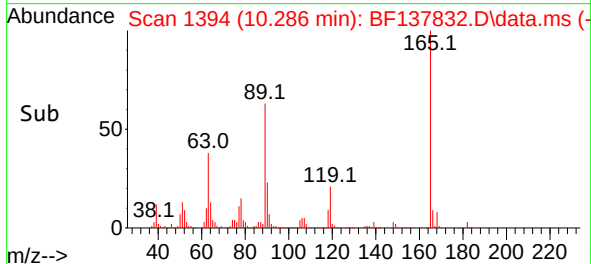
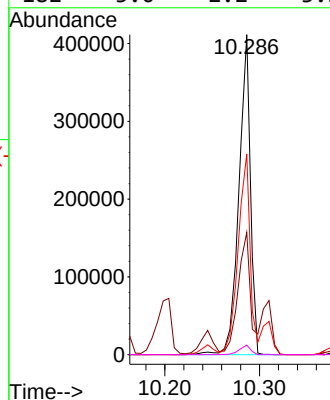
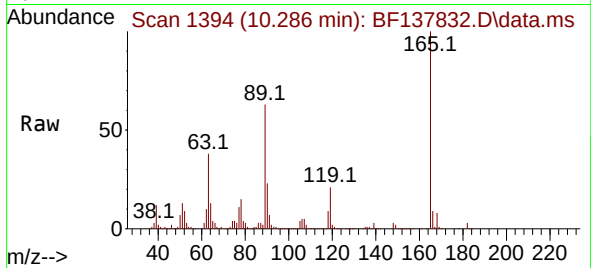




#57  
2,4-Dinitrotoluene  
Concen: 45.030 ng  
RT: 10.286 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

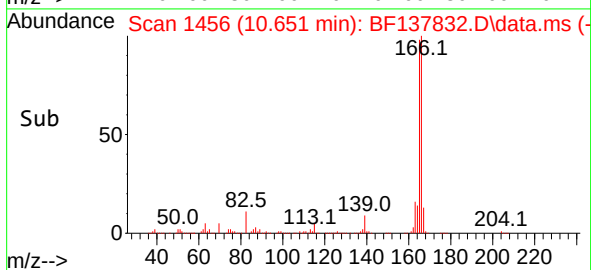
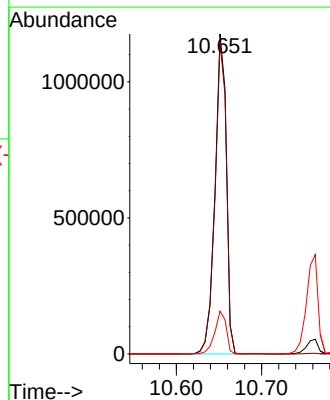
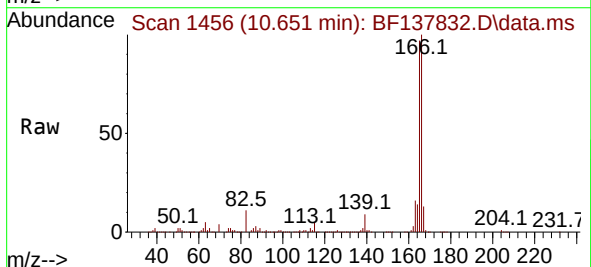
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

Tgt Ion:165 Resp: 347974  
Ion Ratio Lower Upper  
165 100  
63 38.2 31.3 46.9  
89 62.7 54.2 81.4  
182 3.0 2.2 3.2

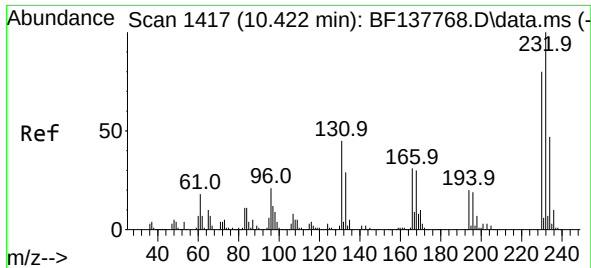


#58  
Fluorene  
Concen: 43.412 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:166 Resp: 1095170  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.2 117.2  
167 13.4 10.9 16.3





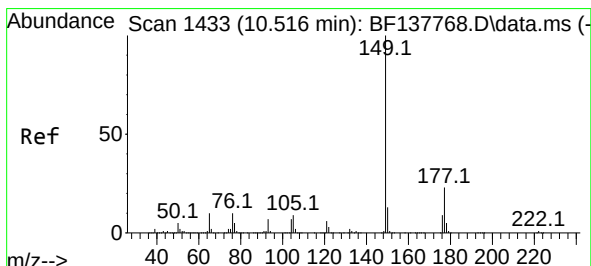
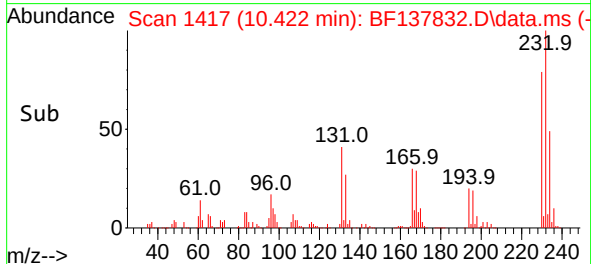
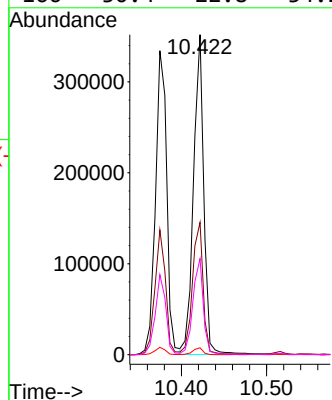
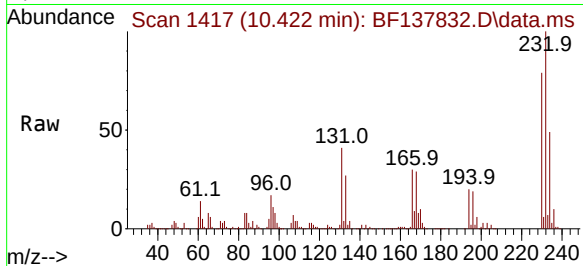


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.526 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

Tgt Ion:232 Resp: 295051

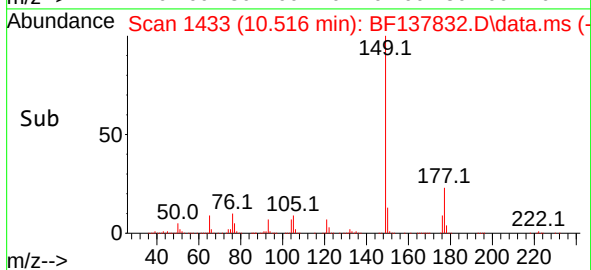
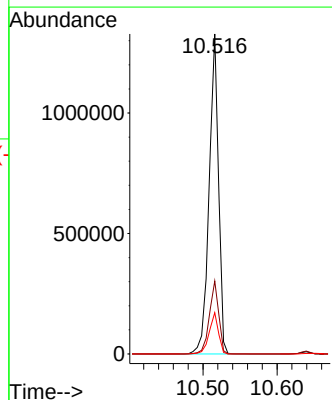
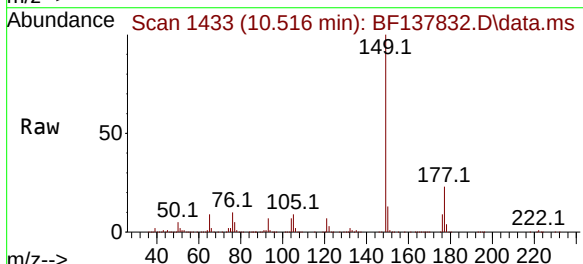
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 42.8  | 33.4  | 50.0  |
| 130 | 2.1   | 1.7   | 2.5   |
| 166 | 30.4  | 22.8  | 34.2  |

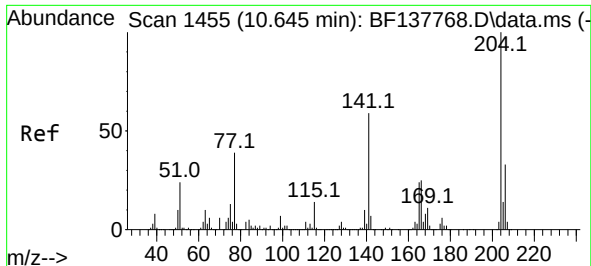


#60  
Diethylphthalate  
Concen: 47.625 ng  
RT: 10.516 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:149 Resp: 1170743

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 22.8  | 18.4  | 27.6  |
| 150 | 12.9  | 10.5  | 15.7  |

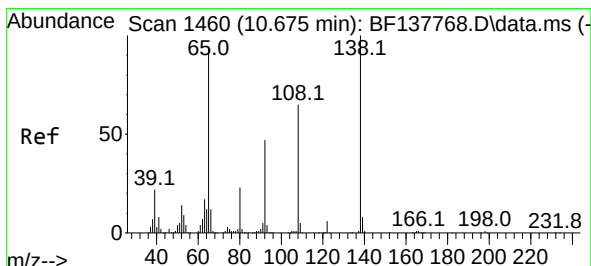
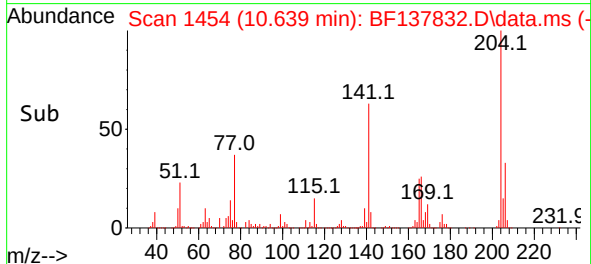
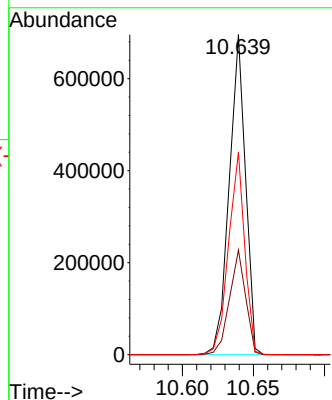
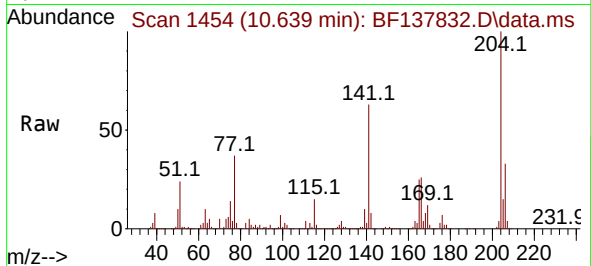




#61  
4-Chlorophenyl-phenylether  
Concen: 44.590 ng  
RT: 10.639 min Scan# 1455  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

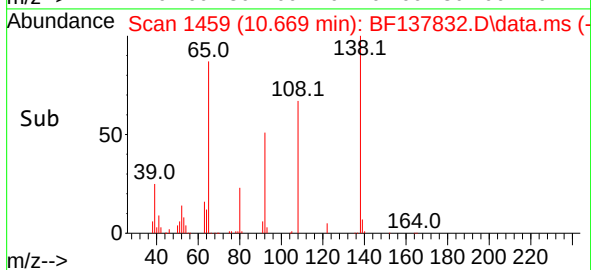
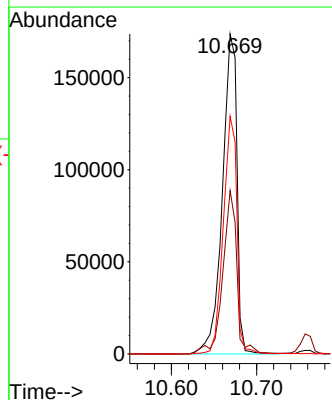
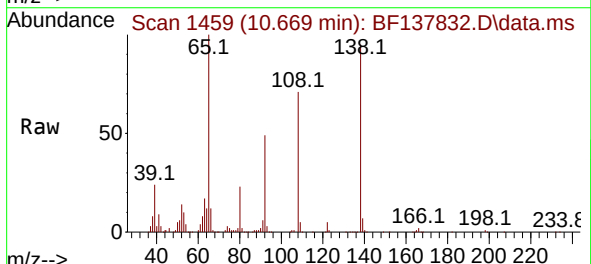
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

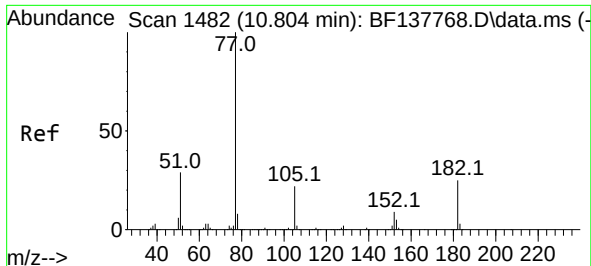
Tgt Ion:204 Resp: 554256  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.4 39.6  
141 63.3 47.0 70.6



#62  
4-Nitroaniline  
Concen: 32.891 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:138 Resp: 206654  
Ion Ratio Lower Upper  
138 100  
92 51.1 26.8 66.8  
108 74.2 44.7 84.7



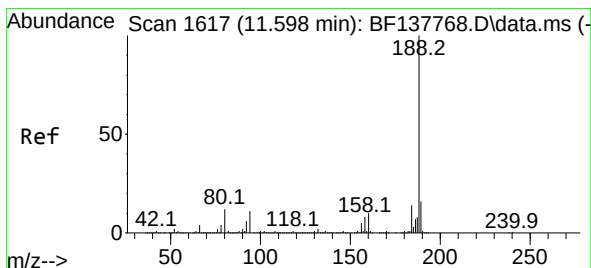
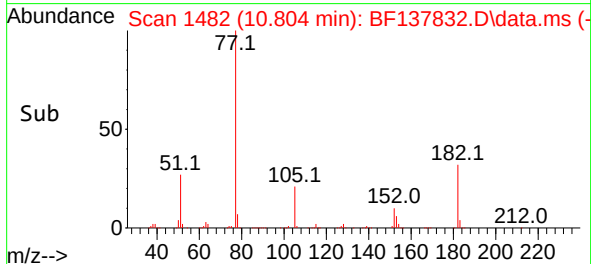
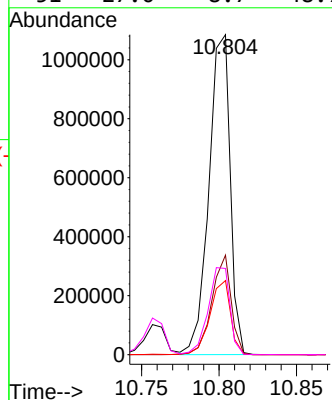
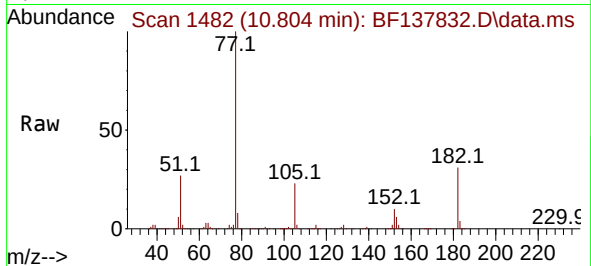


#63  
Azobenzene  
Concen: 43.603 ng  
RT: 10.804 min Scan# 1482  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

Tgt Ion: 77 Resp: 1035948

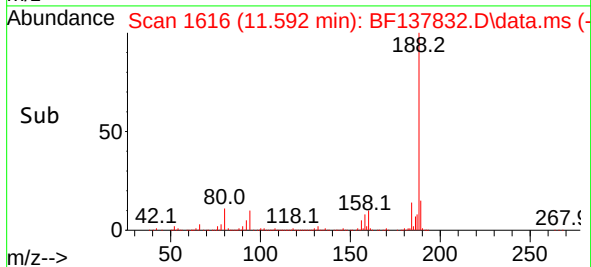
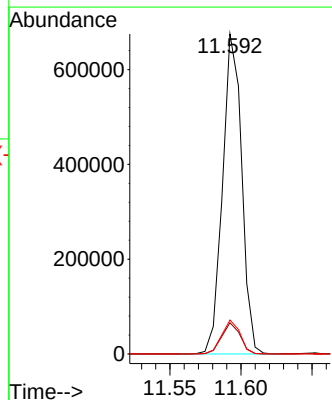
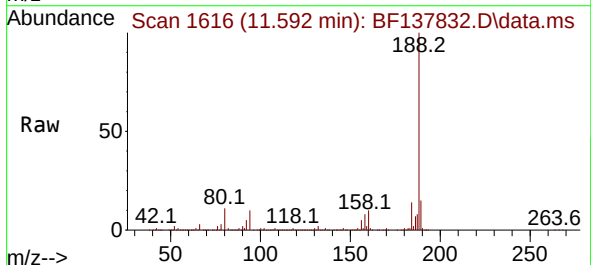
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 31.1  | 5.1   | 45.1  |
| 105 | 23.2  | 2.2   | 42.2  |
| 51  | 27.0  | 8.7   | 48.7  |

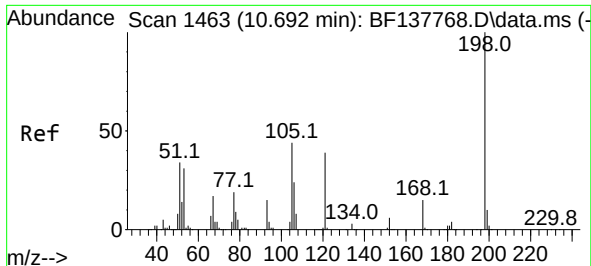


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.592 min Scan# 1616  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion: 188 Resp: 631301

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.8   | 8.8   | 13.2  |
| 80  | 10.6  | 9.6   | 14.4  |

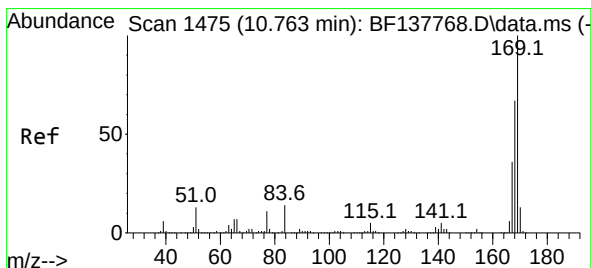
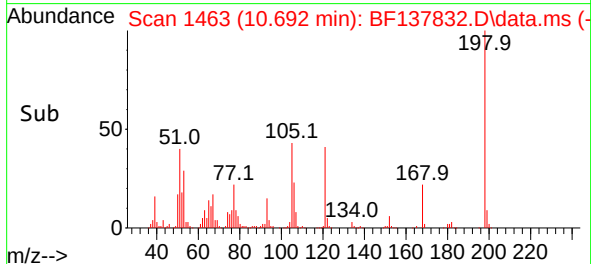
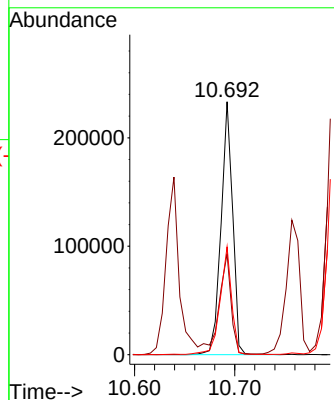
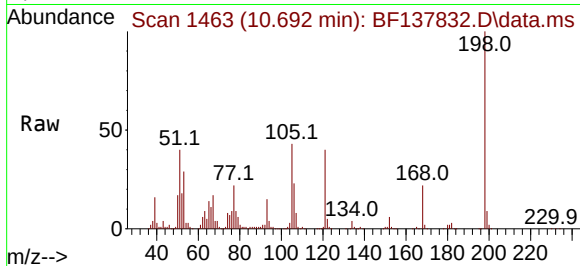




#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.596 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

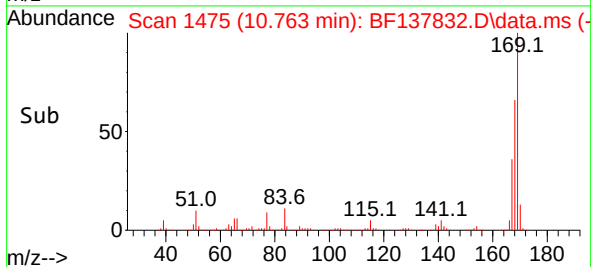
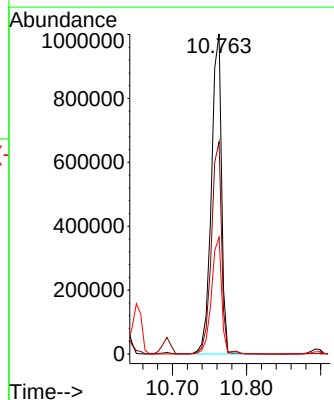
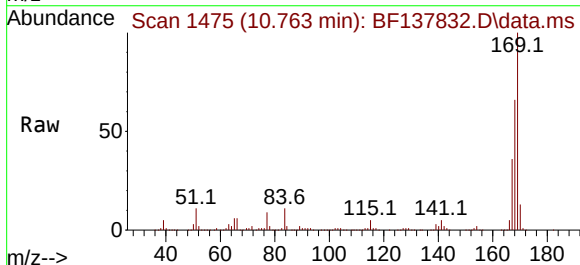
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

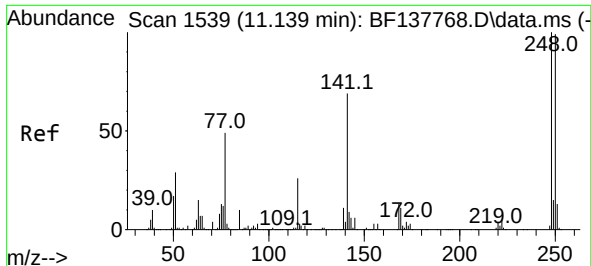
Tgt Ion:198 Resp: 186954  
Ion Ratio Lower Upper  
198 100  
51 39.9 25.1 65.1  
105 42.6 24.1 64.1



#66  
n-Nitrosodiphenylamine  
Concen: 50.196 ng  
RT: 10.763 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:169 Resp: 948568  
Ion Ratio Lower Upper  
169 100  
168 66.3 53.3 79.9  
167 36.5 29.2 43.8





#67

4-Bromophenyl-phenylether

Concen: 50.581 ng

RT: 11.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

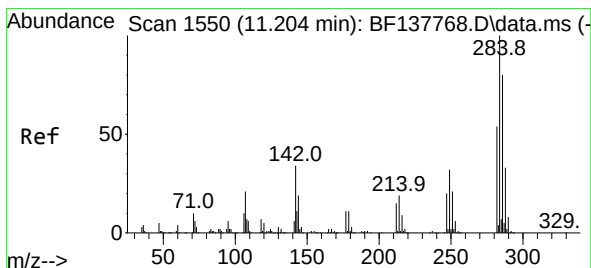
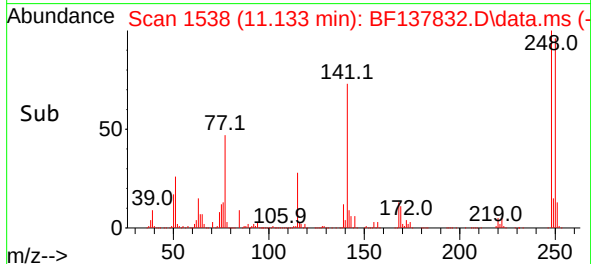
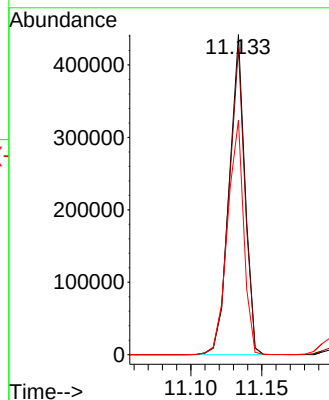
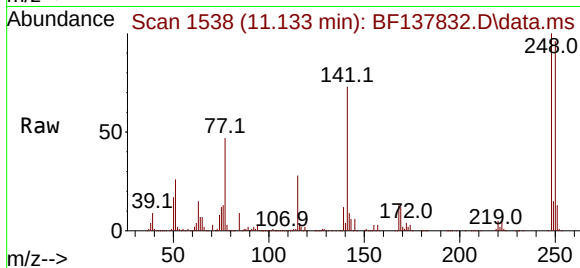
Tgt Ion:248 Resp: 341741

Ion Ratio Lower Upper

248 100

250 95.9 79.1 118.7

141 73.3 55.4 83.2



#68

Hexachlorobenzene

Concen: 48.289 ng

RT: 11.198 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

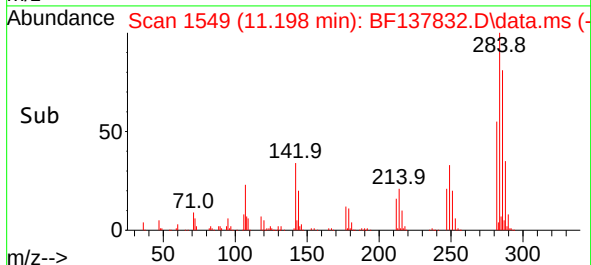
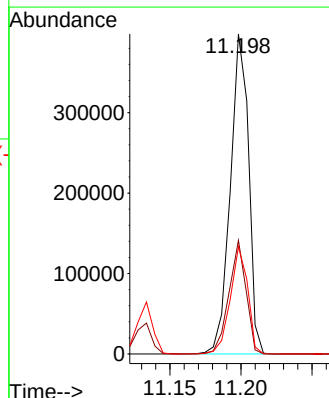
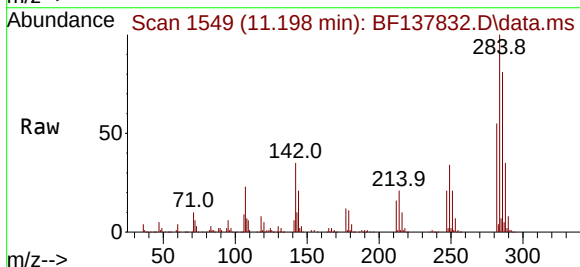
Tgt Ion:284 Resp: 356535

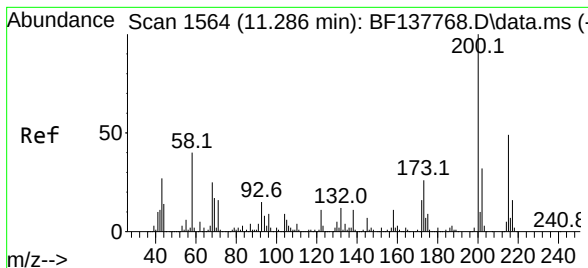
Ion Ratio Lower Upper

284 100

142 35.5 27.3 40.9

249 33.5 25.6 38.4





#69

Atrazine

Concen: 54.336 ng

RT: 11.281 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

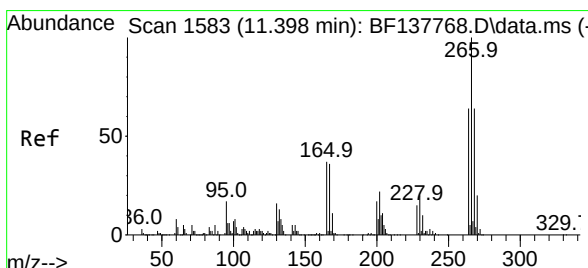
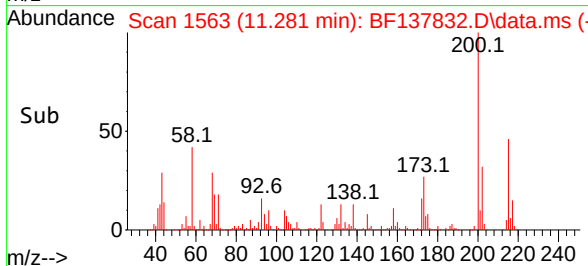
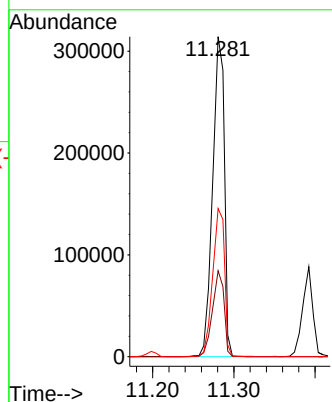
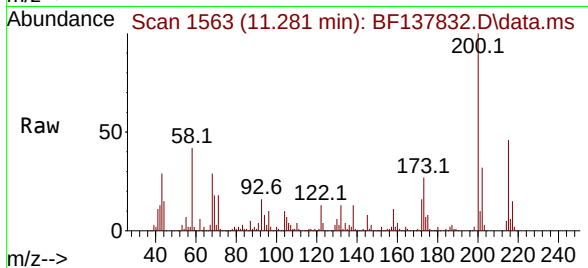
Tgt Ion:200 Resp: 313081

Ion Ratio Lower Upper

200 100

173 26.9 5.9 45.9

215 46.3 28.8 68.8



#70

Pentachlorophenol

Concen: 82.317 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

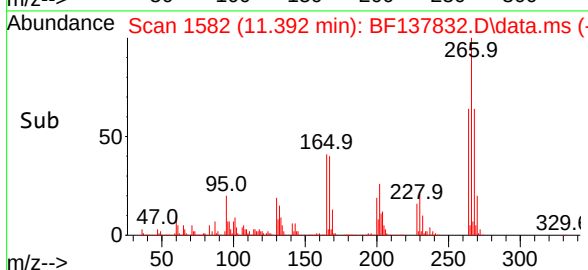
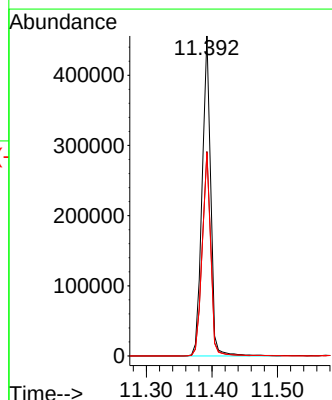
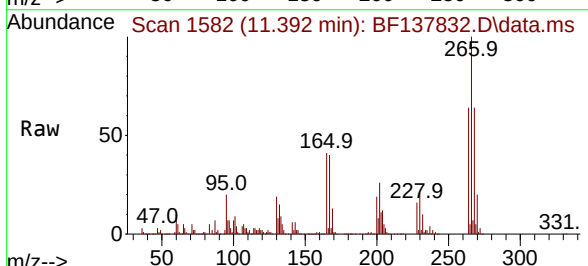
Tgt Ion:266 Resp: 417264

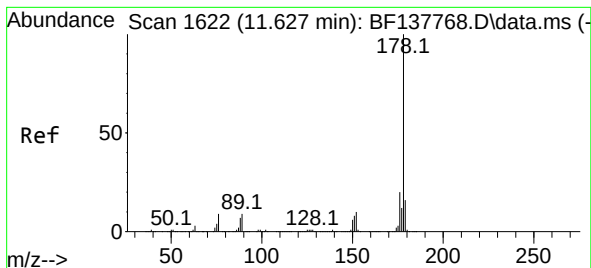
Ion Ratio Lower Upper

266 100

268 63.9 51.3 76.9

264 63.5 51.0 76.4





#71

Phenanthrene

Concen: 46.211 ng

RT: 11.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

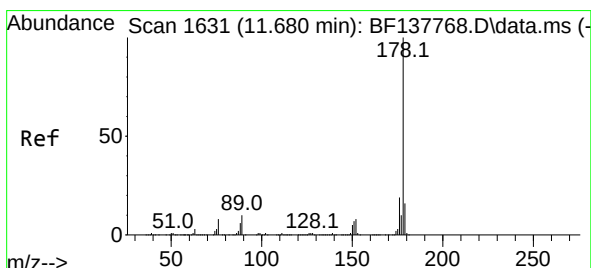
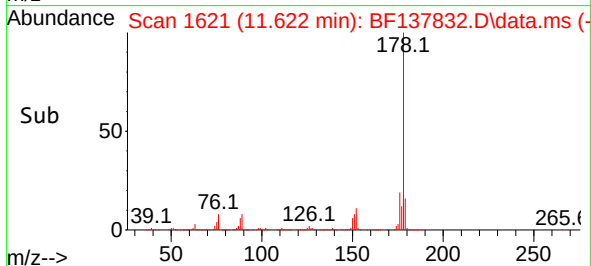
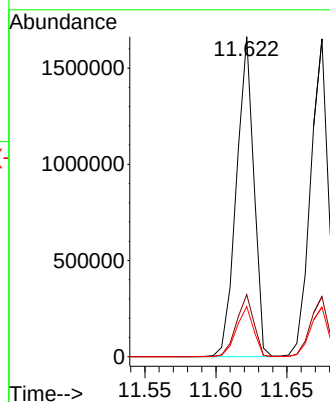
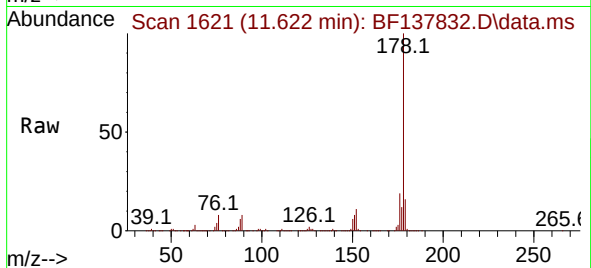
Tgt Ion:178 Resp: 1421931

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

179 15.6 12.5 18.7



#72

Anthracene

Concen: 46.444 ng

RT: 11.675 min Scan# 1630

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

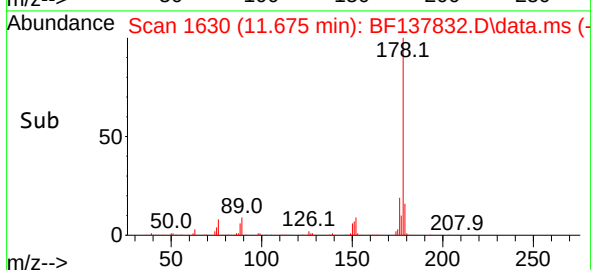
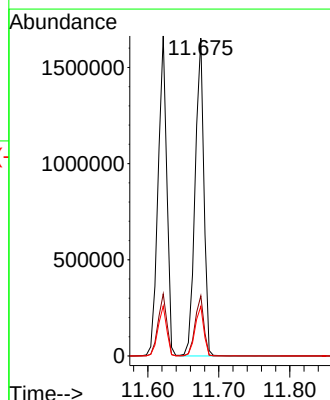
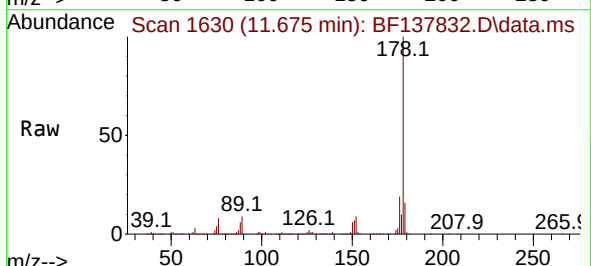
Tgt Ion:178 Resp: 1421942

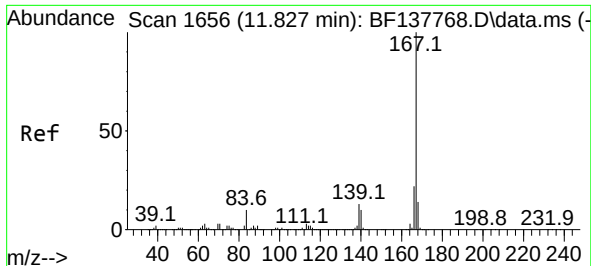
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.6 12.6 18.8

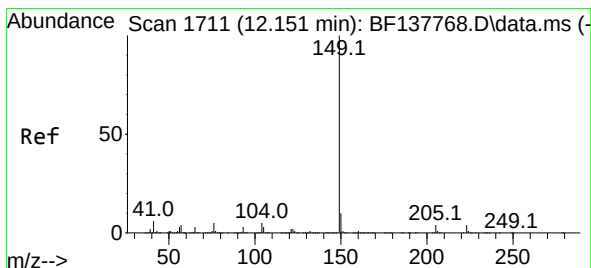
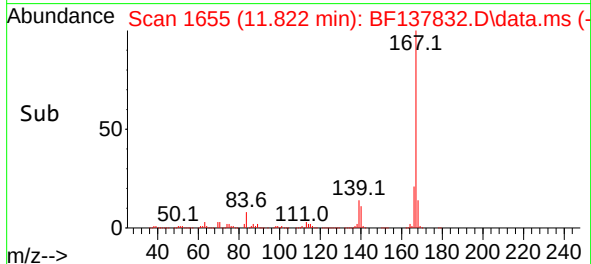
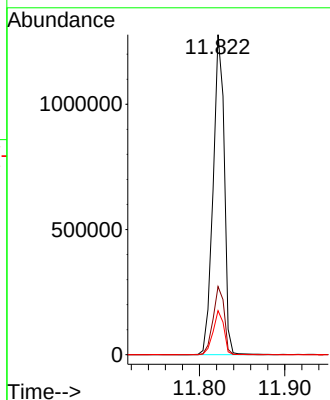
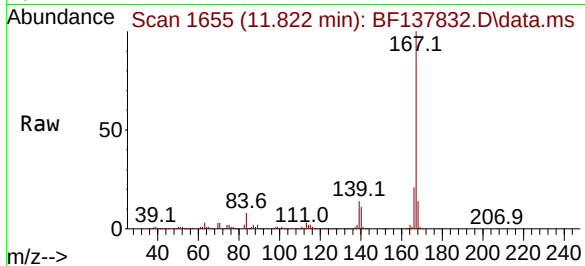




#73  
 Carbazole  
 Concen: 39.437 ng  
 RT: 11.822 min Scan# 1  
 Delta R.T. -0.006 min  
 Lab File: BF137832.D  
 Acq: 03 May 2024 16:49

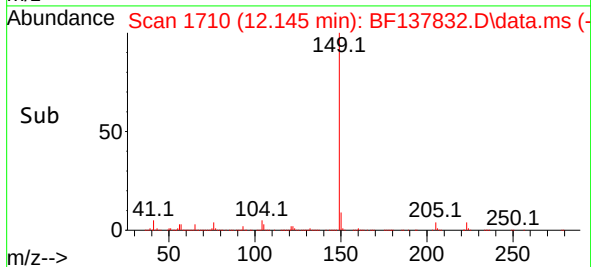
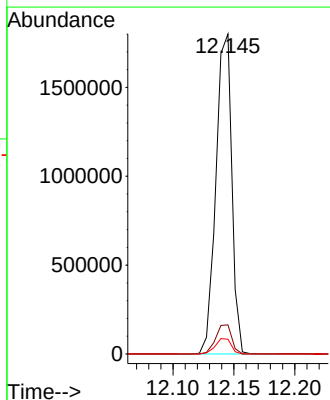
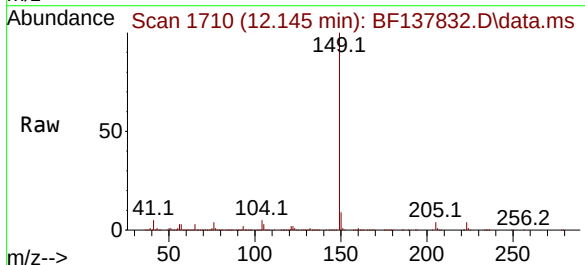
Instrument :  
 BNA\_F  
 ClientSampleId :  
 V359MS

Tgt Ion:167 Resp: 1163660  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.6 26.4  
 139 13.8 10.5 15.7

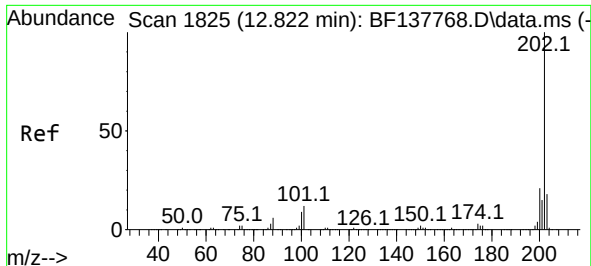


#74  
 Di-n-butylphthalate  
 Concen: 50.954 ng  
 RT: 12.145 min Scan# 1710  
 Delta R.T. -0.006 min  
 Lab File: BF137832.D  
 Acq: 03 May 2024 16:49

Tgt Ion:149 Resp: 1640056  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.7 11.5  
 104 4.6 3.8 5.8



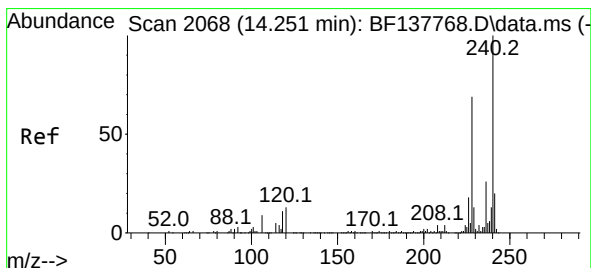
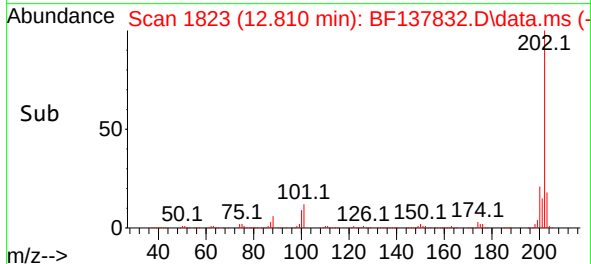
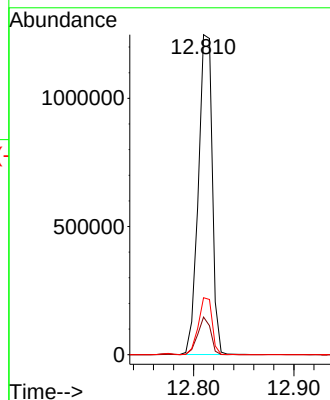
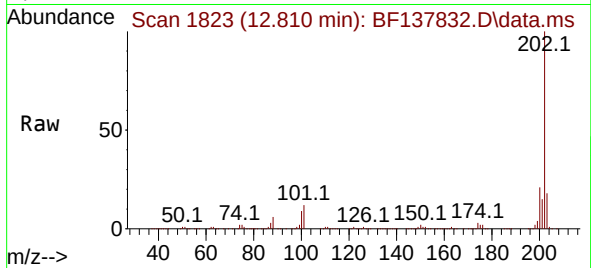




#75  
Fluoranthene  
Concen: 35.812 ng  
RT: 12.810 min Scan# 1823  
Delta R.T. -0.012 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

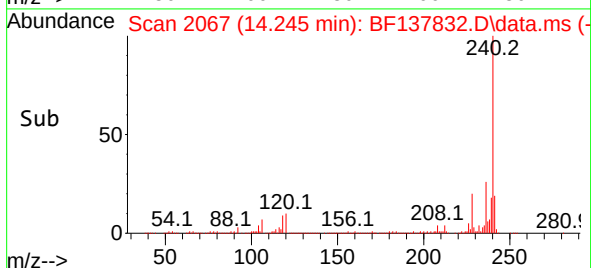
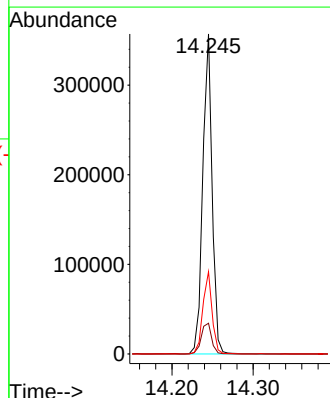
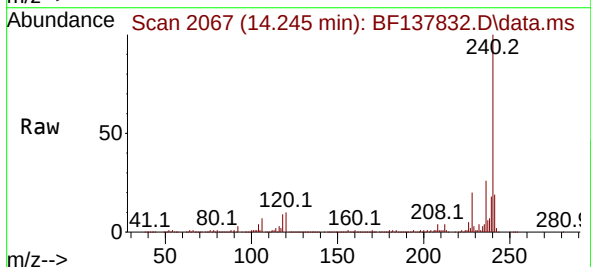
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

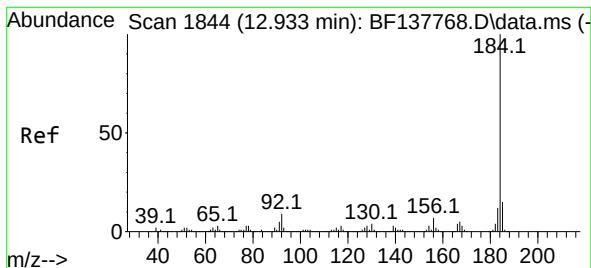
Tgt Ion:202 Resp: 1204567  
Ion Ratio Lower Upper  
202 100  
101 11.8 0.0 31.8  
203 17.8 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.245 min Scan# 2067  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:240 Resp: 286230  
Ion Ratio Lower Upper  
240 100  
120 9.6 10.4 15.6#  
236 25.7 20.4 30.6





#77

Benzidine

Concen: 9.474 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

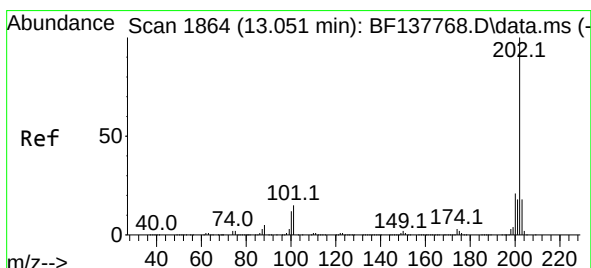
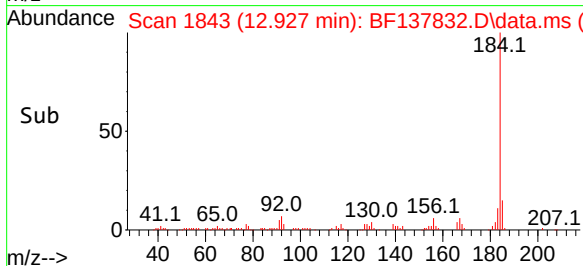
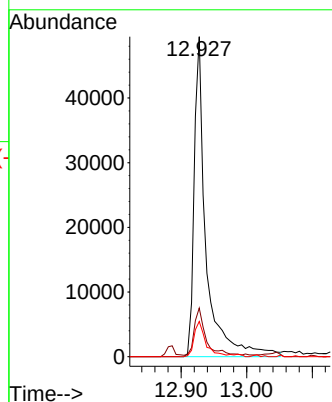
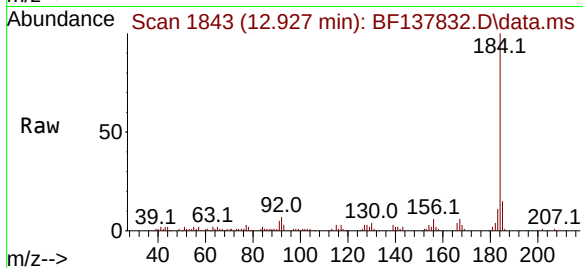
Tgt Ion:184 Resp: 62718

Ion Ratio Lower Upper

184 100

185 15.2 12.3 18.5

183 11.0 9.2 13.8



#78

Pyrene

Concen: 51.404 ng

RT: 13.045 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

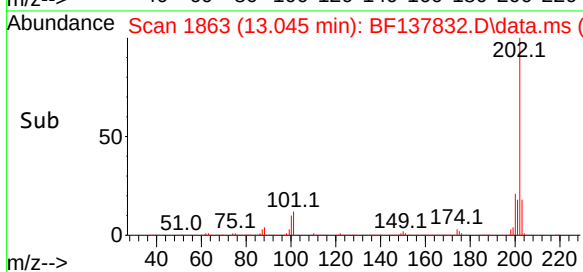
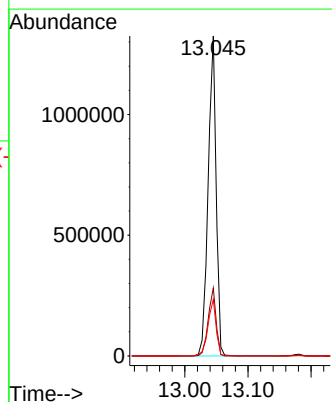
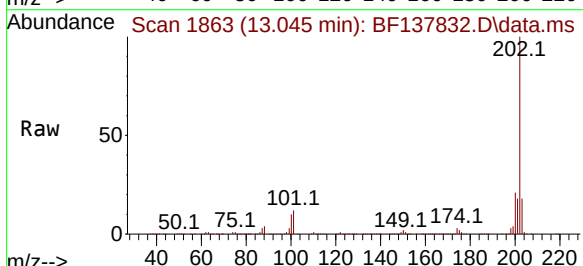
Tgt Ion:202 Resp: 1166595

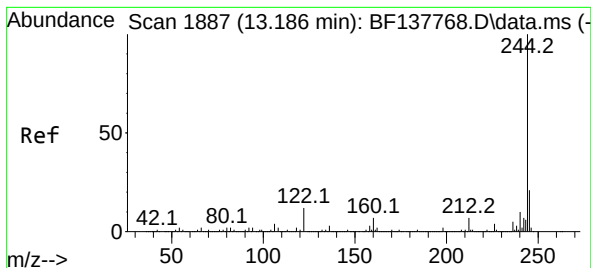
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 108.681 ng

RT: 13.180 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

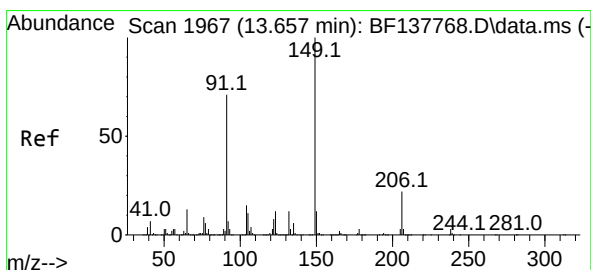
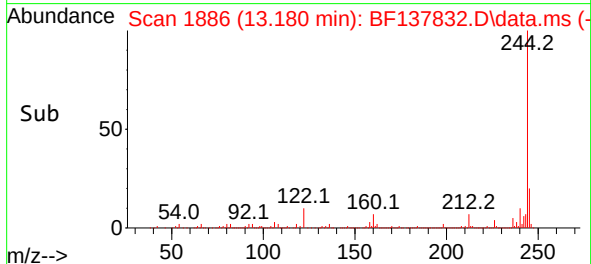
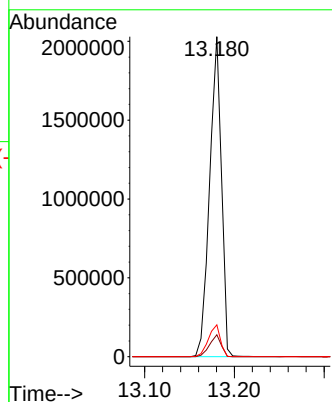
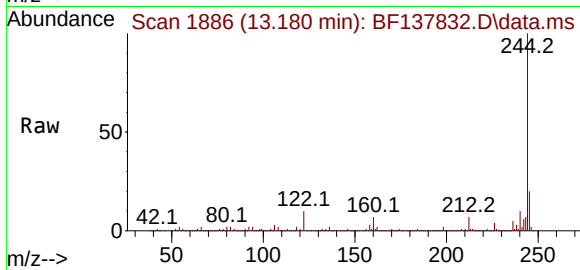
Tgt Ion:244 Resp: 1856227

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 10.0 9.4 14.2



#80

Butylbenzylphthalate

Concen: 65.985 ng

RT: 13.651 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

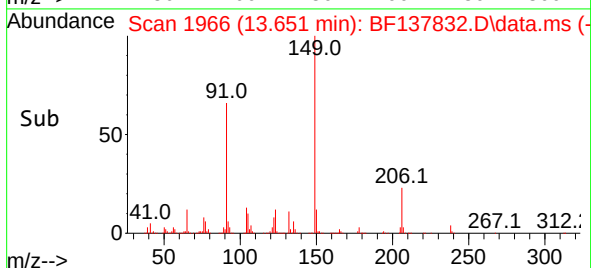
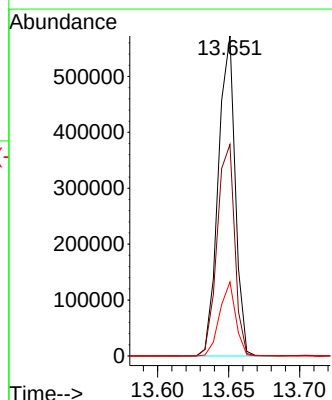
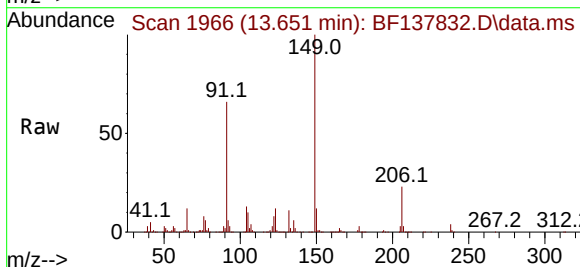
Tgt Ion:149 Resp: 475134

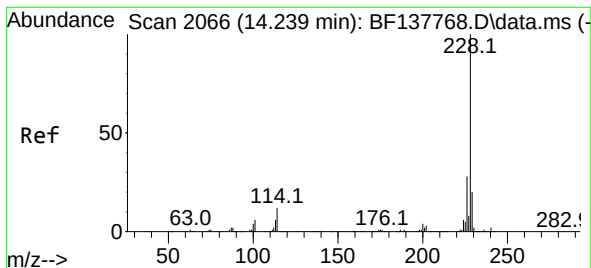
Ion Ratio Lower Upper

149 100

91 66.1 56.8 85.2

206 23.2 17.8 26.8





#81

Benzo(a)anthracene

Concen: 47.360 ng

RT: 14.233 min Scan# 2066

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

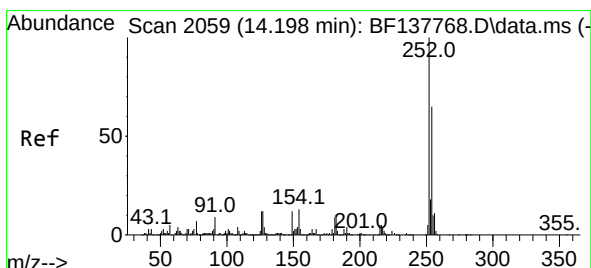
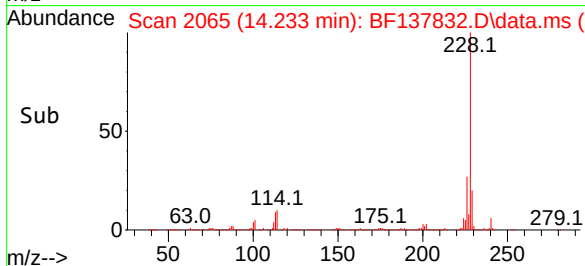
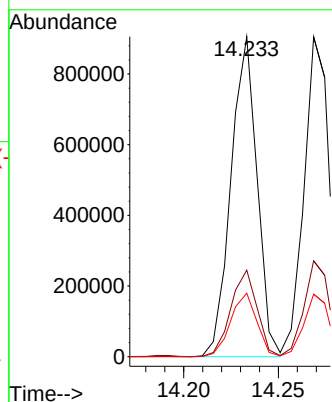
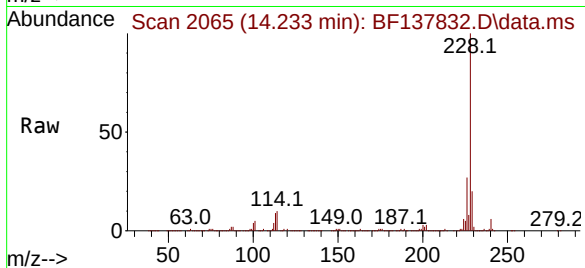
Tgt Ion:228 Resp: 867028

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

229 19.8 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 29.370 ng

RT: 14.192 min Scan# 2058

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

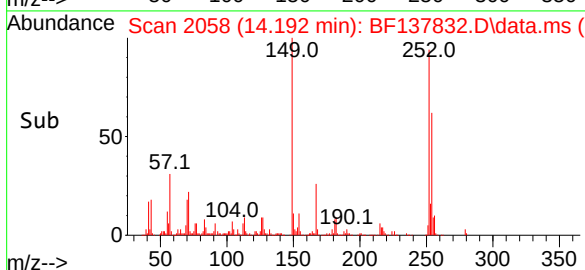
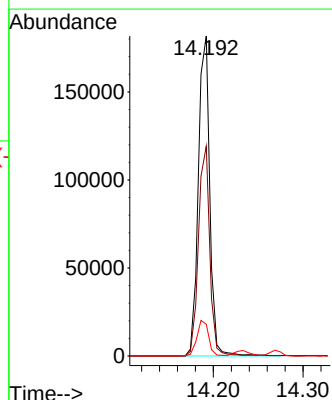
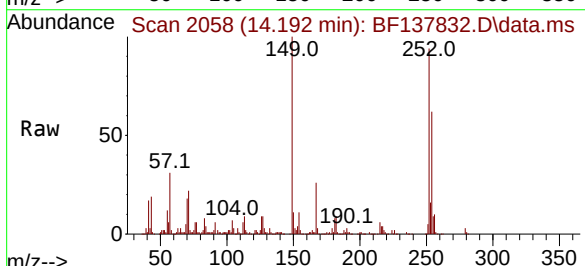
Tgt Ion:252 Resp: 160963

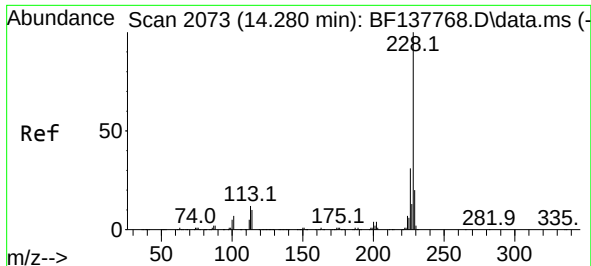
Ion Ratio Lower Upper

252 100

254 65.6 51.7 77.5

126 9.9 9.7 14.5





#83

Chrysene

Concen: 47.767 ng

RT: 14.269 min Scan# 2071

Delta R.T. -0.012 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

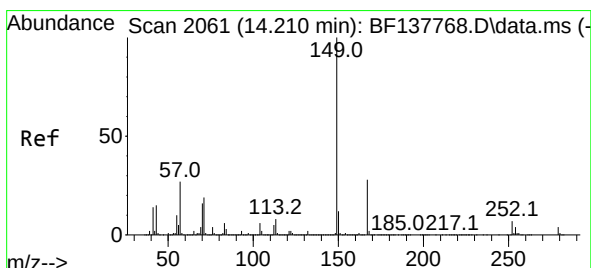
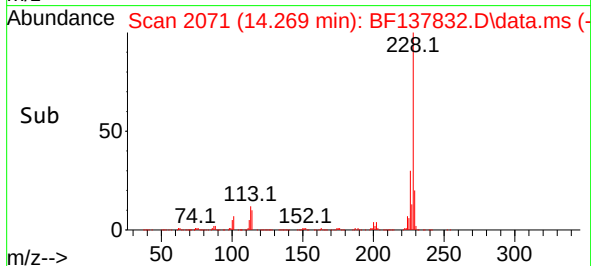
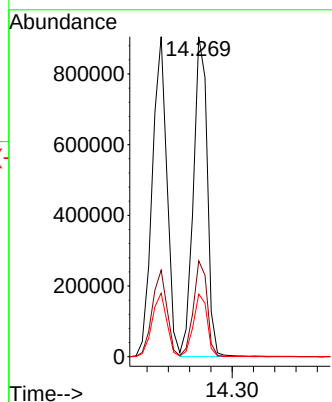
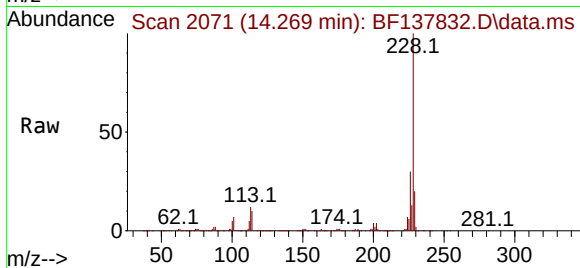
Tgt Ion:228 Resp: 818786

Ion Ratio Lower Upper

228 100

226 30.0 24.8 37.2

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 73.654 ng

RT: 14.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

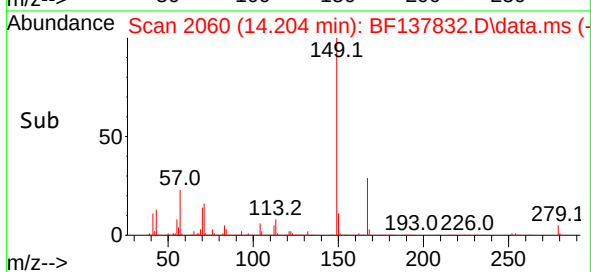
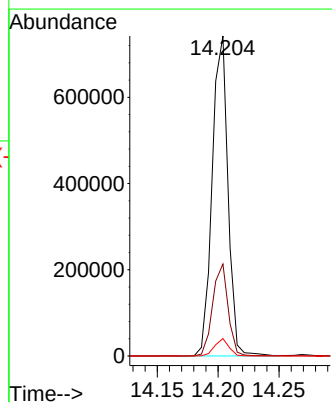
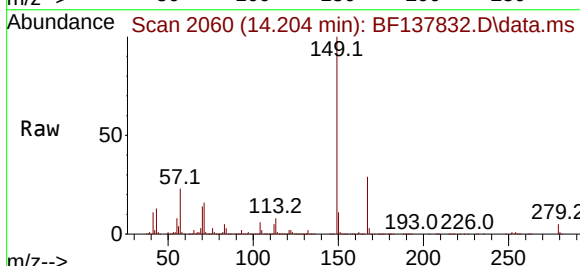
Tgt Ion:149 Resp: 668397

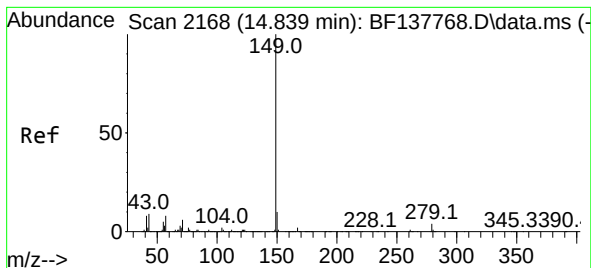
Ion Ratio Lower Upper

149 100

167 28.7 22.4 33.6

279 5.4 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 83.502 ng

RT: 14.833 min Scan# 2167

Delta R.T. -0.006 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

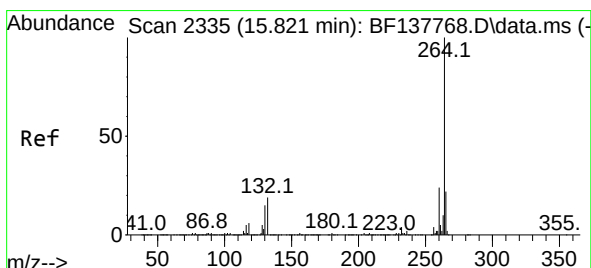
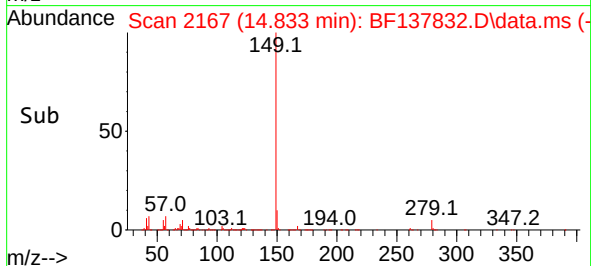
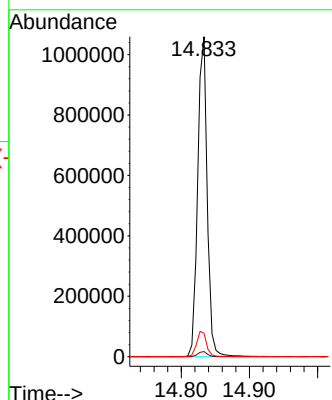
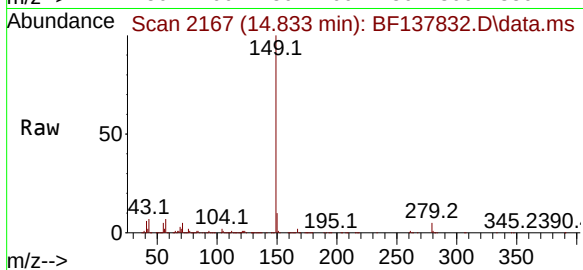
Tgt Ion:149 Resp: 1019807

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.810 min Scan# 2333

Delta R.T. -0.012 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

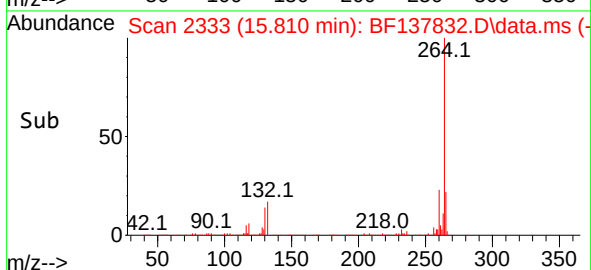
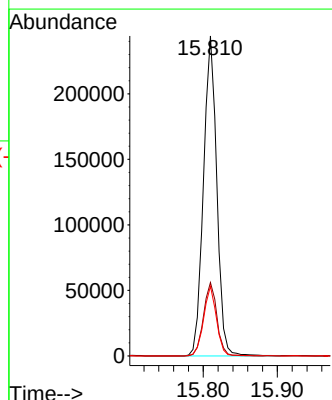
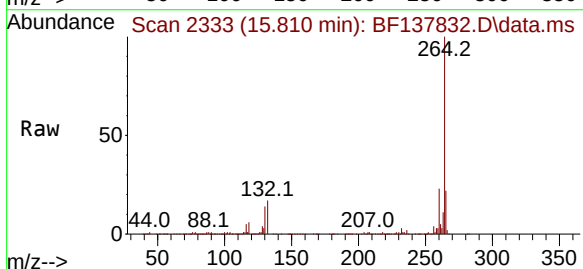
Tgt Ion:264 Resp: 305123

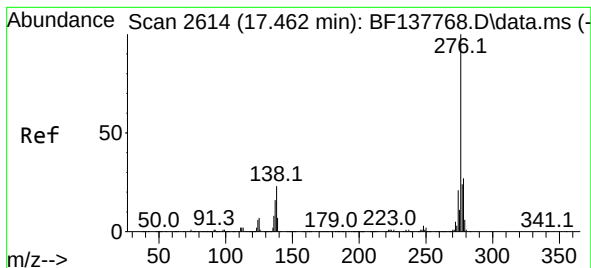
Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.232 ng

RT: 17.445 min Scan# 2

Delta R.T. -0.018 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

Instrument :

BNA\_F

ClientSampleId :

V359MS

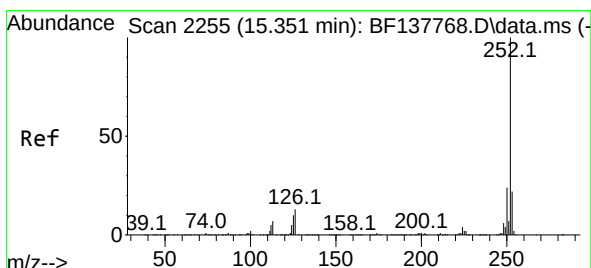
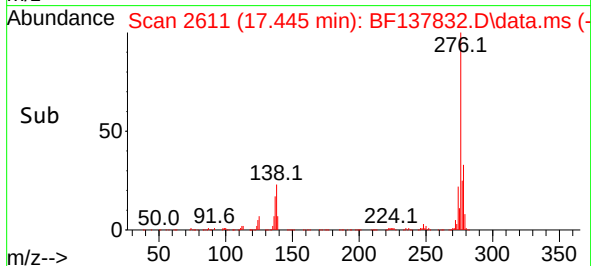
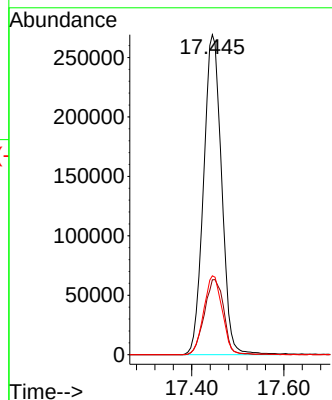
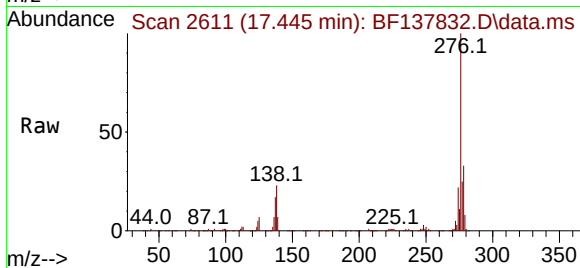
Tgt Ion:276 Resp: 732611

Ion Ratio Lower Upper

276 100

138 25.3 21.4 32.0

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.731 ng

RT: 15.339 min Scan# 2253

Delta R.T. -0.012 min

Lab File: BF137832.D

Acq: 03 May 2024 16:49

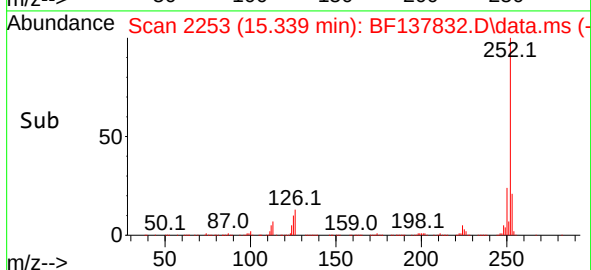
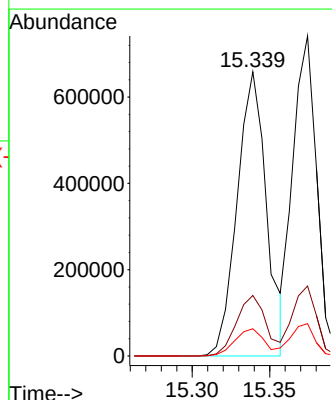
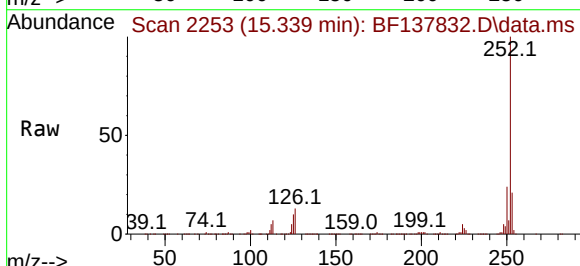
Tgt Ion:252 Resp: 868157

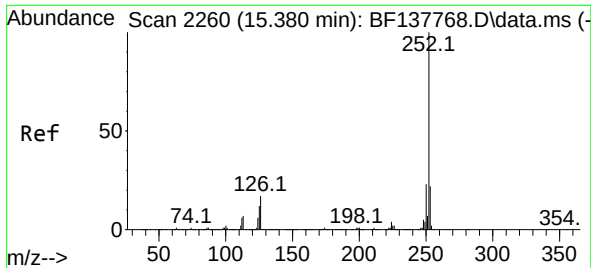
Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 9.6 7.9 11.9

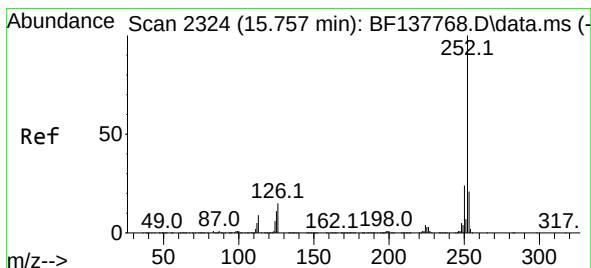
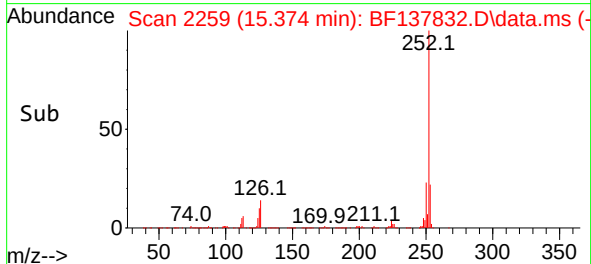
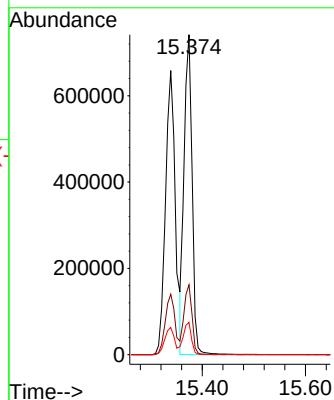
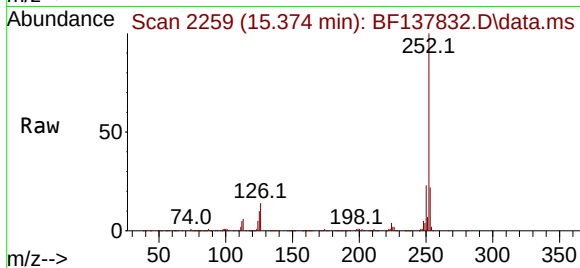




#89  
Benzo(k)fluoranthene  
Concen: 43.732 ng  
RT: 15.374 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

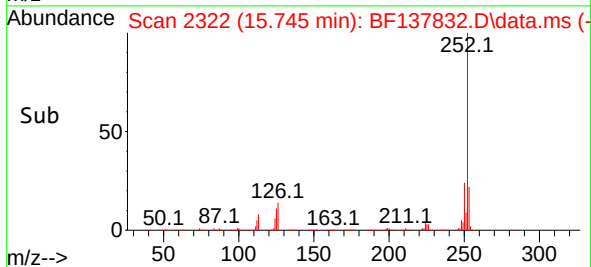
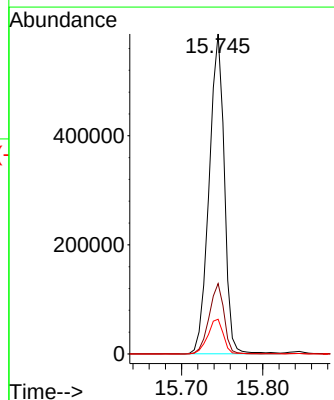
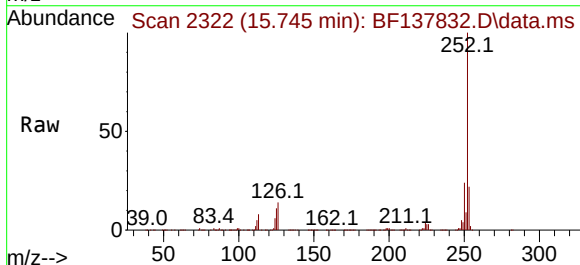
Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

Tgt Ion:252 Resp: 802435  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 10.1 9.0 13.4

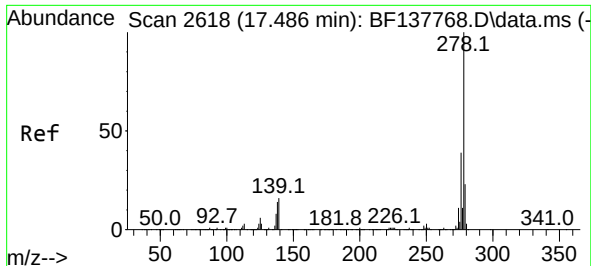


#90  
Benzo(a)pyrene  
Concen: 49.160 ng  
RT: 15.745 min Scan# 2322  
Delta R.T. -0.012 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:252 Resp: 761376  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.1 25.7  
125 10.9 9.0 13.6



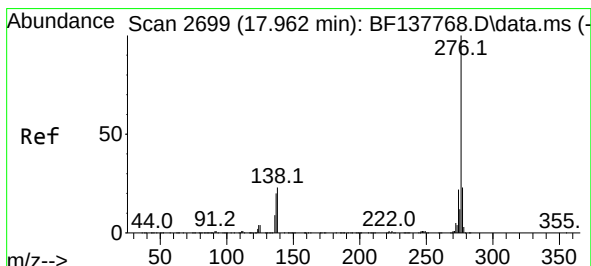
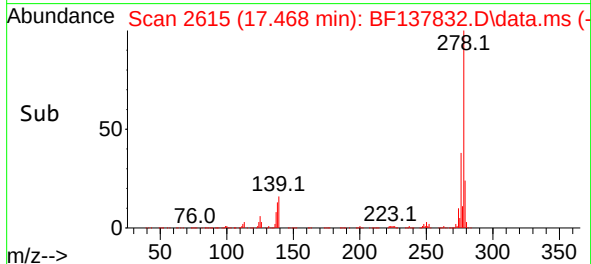
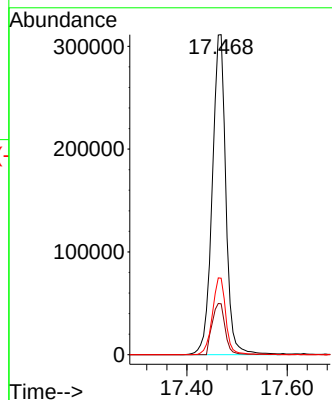
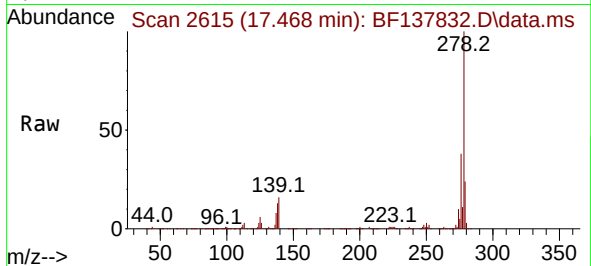




#91  
Dibenzo(a,h)anthracene  
Concen: 41.615 ng  
RT: 17.468 min Scan# 2615  
Delta R.T. -0.018 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Instrument :  
BNA\_F  
ClientSampleId :  
V359MS

Tgt Ion:278 Resp: 587604  
Ion Ratio Lower Upper  
278 100  
139 15.9 13.0 19.6  
279 23.9 18.7 28.1



#92  
Benzo(g,h,i)perylene  
Concen: 36.203 ng  
RT: 17.945 min Scan# 2696  
Delta R.T. -0.018 min  
Lab File: BF137832.D  
Acq: 03 May 2024 16:49

Tgt Ion:276 Resp: 535885  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.0 27.0  
138 22.0 18.1 27.1

