

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062124\  
 Data File : BF138282.D  
 Acq On : 21 Jun 2024 13:25  
 Operator : CG\JU  
 Sample : P2976-01MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-K-COMPMS

Quant Time: Jun 21 13:55:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 13 01:52:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 300251   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 1162793  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 596405   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 870891   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 14.045 | 240  | 537295   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.515 | 264  | 598069   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 1841727  | 102.611 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 2344580  | 103.015 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1447776  | 72.484  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 591419   | 99.610  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 2602441  | 69.387  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 2150204  | 63.383  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.740  | 88   | 306440   | 37.307  | ng    | 97       |
| 3) Pyridine                   | 3.498  | 79   | 781963   | 40.056  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.457  | 42   | 400261   | 44.302  | ng    | 94       |
| 6) Aniline                    | 6.551  | 93   | 840750   | 37.753  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 928888   | 47.869  | ng    | 97       |
| 9) Benzaldehyde               | 6.434  | 77   | 232003   | 19.192  | ng    | 99       |
| 10) Phenol                    | 6.534  | 94   | 1098393  | 47.555  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 853985   | 46.197  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 954801   | 43.296  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 962063   | 43.350  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 930395   | 44.658  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 748222   | 48.757  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 1145437  | 43.905  | ng    | 96       |
| 17) 2-Methylphenol            | 7.139  | 107  | 718205   | 46.911  | ng    | 99       |
| 18) Hexachloroethane          | 7.398  | 117  | 342543   | 45.559  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 605553   | 44.886  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 833863   | 43.272  | ng    | 96       |
| 22) Acetophenone              | 7.298  | 105  | 1064388  | 40.070  | ng    | 97       |
| 24) Nitrobenzene              | 7.469  | 77   | 906582   | 43.916  | ng    | 96       |
| 25) Isophorone                | 7.710  | 82   | 1684903  | 46.637  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.786  | 139  | 503180   | 60.617  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 621317   | 49.198  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 1056160  | 46.700  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 757087   | 46.563  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 839156   | 43.763  | ng    | 98       |
| 31) Naphthalene               | 8.192  | 128  | 2470835  | 42.973  | ng    | 100      |
| 32) Benzoic acid              | 7.939  | 122  | 356485   | 32.027  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 333996   | 15.542  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 484340   | 43.189  | ng    | 98       |
| 35) Caprolactam               | 8.616  | 113  | 175025   | 35.656  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 756022   | 46.700  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.880  | 142  | 1638510  | 43.421  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.980  | 142  | 1512454  | 40.901  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 756026   | 43.380  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 627266   | 110.380 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 539485   | 49.437  | ng    | 98       |

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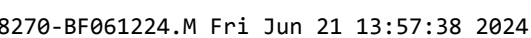
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-K-COMPMS

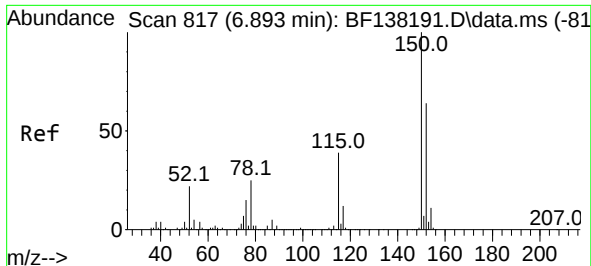
Quant Time: Jun 21 13:55:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 13 01:52:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 554499   | 46.270 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 1855837  | 42.406 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 1557363  | 45.028 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 435531   | 52.289 | ng    | 86       |
| 49) Acenaphthylene            | 9.786  | 152  | 2317715  | 47.789 | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 1824229  | 49.921 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 413788   | 52.196 | ng    | # 86     |
| 52) Acenaphthene              | 9.957  | 154  | 1500998  | 45.387 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 273174   | 32.256 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 258363   | 68.150 | ng    | 92       |
| 55) Dibenzofuran              | 10.127 | 168  | 2040876  | 44.145 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.033 | 139  | 506760   | 75.720 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 524572   | 53.650 | ng    | 94       |
| 58) Fluorene                  | 10.474 | 166  | 1513524  | 41.638 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 410660   | 43.847 | ng    | 99       |
| 60) Diethylphthalate          | 10.345 | 149  | 1669491  | 48.137 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 795321   | 43.932 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.492 | 138  | 337384   | 39.873 | ng    | 97       |
| 63) Azobenzene                | 10.622 | 77   | 1539478  | 44.307 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 205390   | 46.531 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 1385215  | 51.954 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 505119   | 51.472 | ng    | # 94     |
| 68) Hexachlorobenzene         | 11.016 | 284  | 548719   | 47.913 | ng    | 98       |
| 69) Atrazine                  | 11.110 | 200  | 411692   | 54.211 | ng    | 97       |
| 70) Pentachlorophenol         | 11.210 | 266  | 496489   | 74.335 | ng    | 98       |
| 71) Phenanthrene              | 11.433 | 178  | 1969490  | 45.729 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 1989359  | 46.523 | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 1629211  | 41.540 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 2123006  | 52.288 | ng    | 99       |
| 75) Fluoranthene              | 12.616 | 202  | 1713942  | 39.026 | ng    | 98       |
| 77) Benzidine                 | 12.739 | 184  | 470501   | 75.707 | ng    | 98       |
| 78) Pyrene                    | 12.845 | 202  | 1743607  | 37.622 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.468 | 149  | 724920   | 57.505 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 1630512  | 47.302 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.998 | 252  | 388816   | 40.961 | ng    | 99       |
| 83) Chrysene                  | 14.074 | 228  | 1576995  | 47.997 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149  | 1018380  | 69.458 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.639 | 149  | 1882718  | 86.436 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.992 | 276  | 1470379  | 37.713 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.086 | 252  | 1720354  | 48.778 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.115 | 252  | 1691599  | 48.940 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.457 | 252  | 1537975  | 50.759 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.015 | 278  | 1203227  | 37.599 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.439 | 276  | 1069758  | 32.313 | ng    | 99       |

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

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QLast Update : Thu Jun 13 01:52:47 2024  
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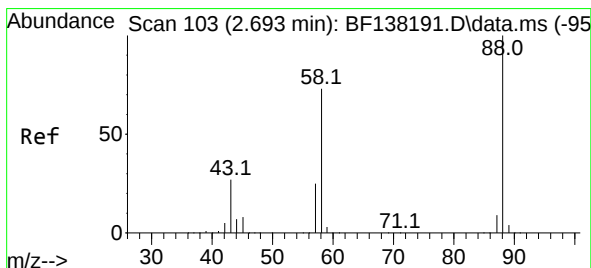
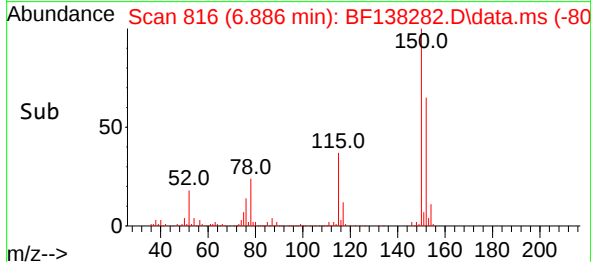
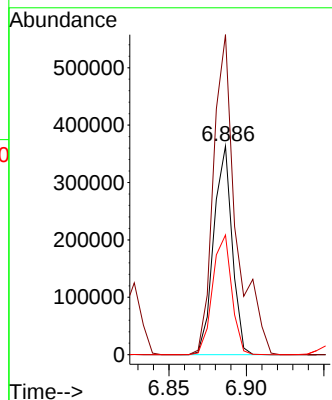
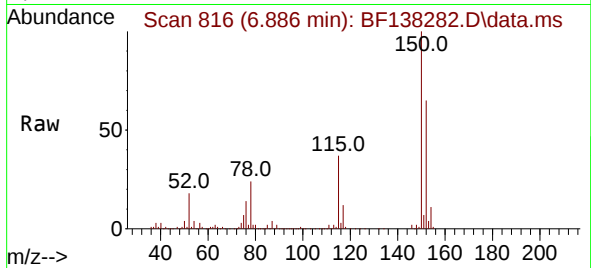




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.886 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

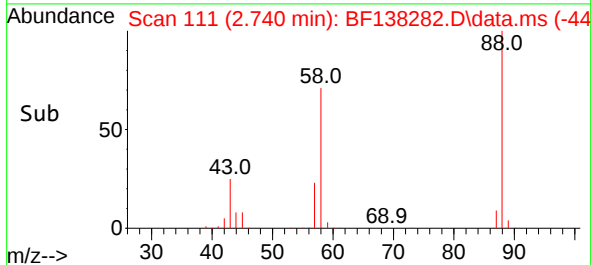
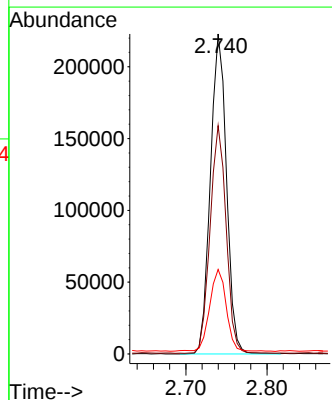
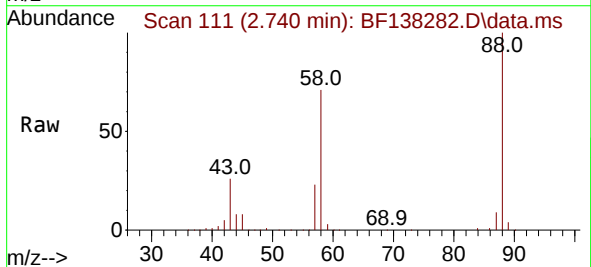
Instrument :  
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MH-K-COMPMS

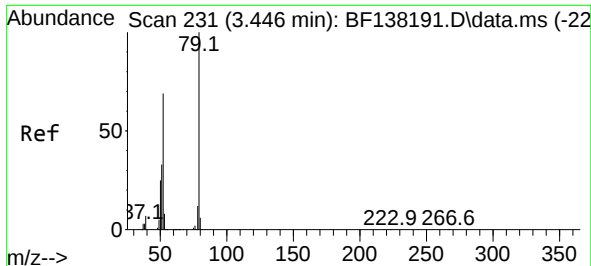
Tgt Ion:152 Resp: 300251  
Ion Ratio Lower Upper  
152 100  
150 153.4 125.0 187.4  
115 57.4 48.4 72.6



#2  
1,4-Dioxane  
Concen: 37.307 ng  
RT: 2.740 min Scan# 111  
Delta R.T. 0.047 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion: 88 Resp: 306440  
Ion Ratio Lower Upper  
88 100  
58 70.9 58.6 87.8  
43 26.6 22.4 33.6





#3

Pyridine

Concen: 40.056 ng

RT: 3.498 min Scan# 24

Delta R.T. 0.053 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

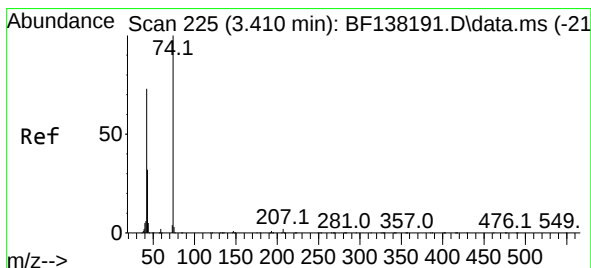
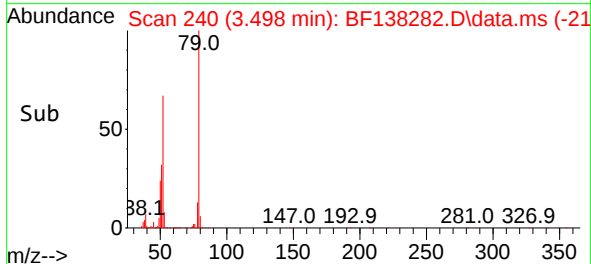
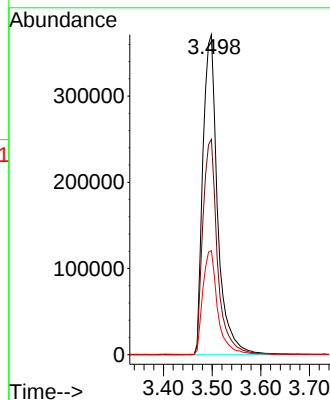
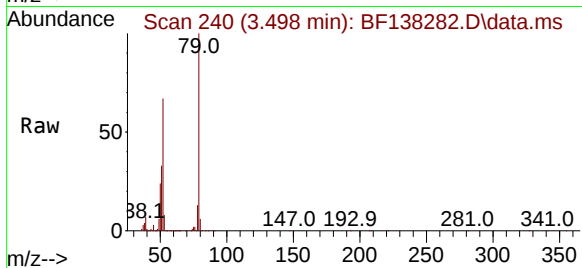
Tgt Ion: 79 Resp: 781963

Ion Ratio Lower Upper

79 100

52 67.3 55.0 82.4

51 32.5 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 44.302 ng

RT: 3.457 min Scan# 233

Delta R.T. 0.047 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

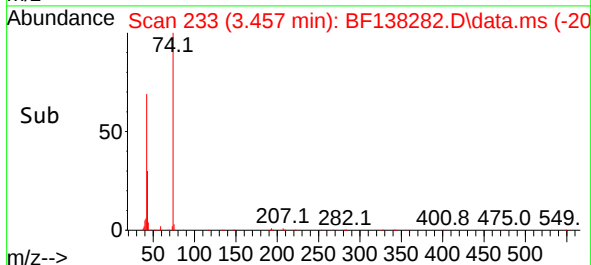
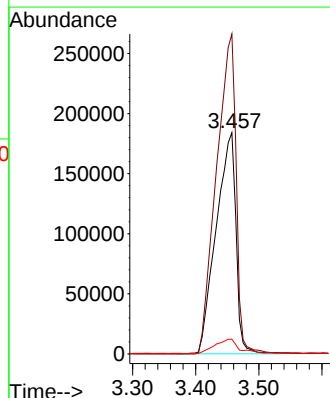
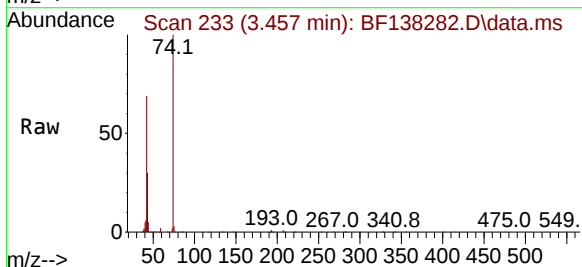
Tgt Ion: 42 Resp: 400261

Ion Ratio Lower Upper

42 100

74 144.6 109.9 164.9

44 6.7 5.2 7.8

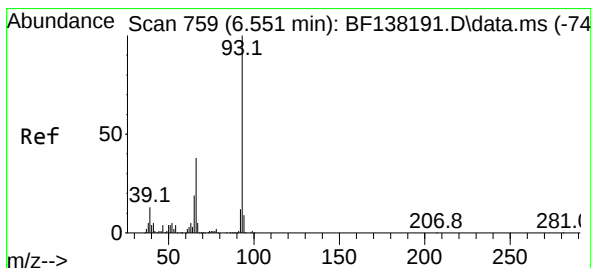
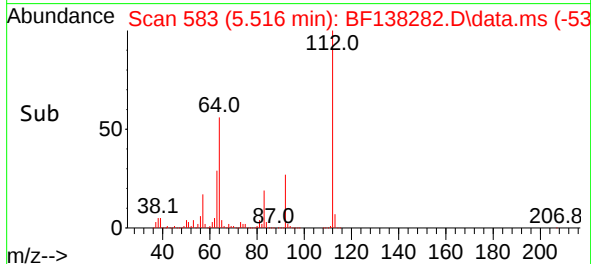
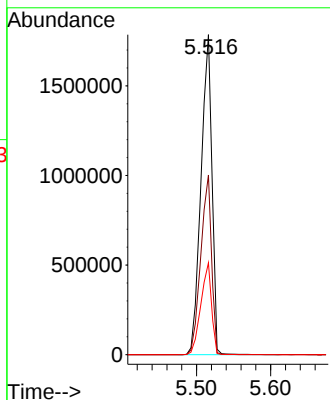
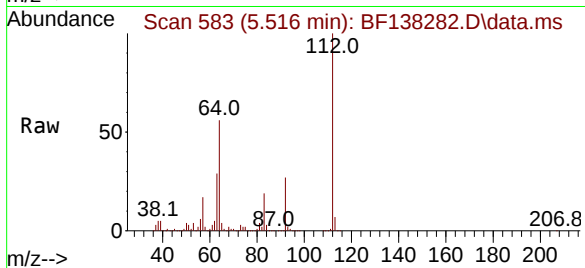




#5  
2-Fluorophenol  
Concen: 102.611 ng  
RT: 5.516 min Scan# 583  
Delta R.T. 0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

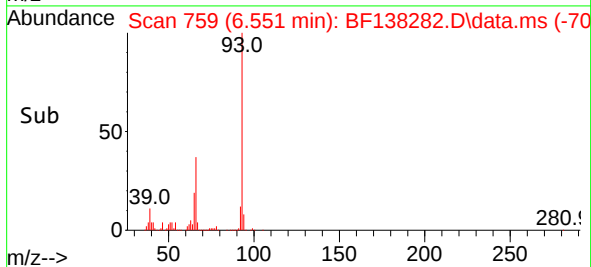
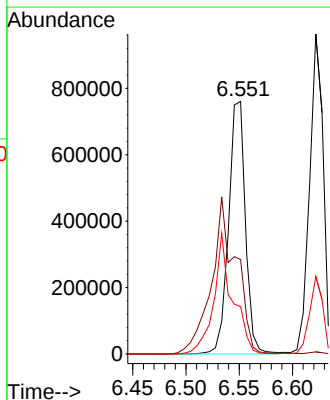
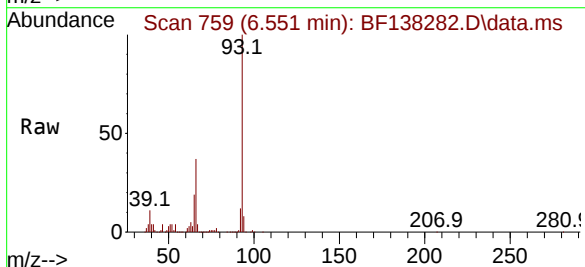
Instrument :  
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ClientSampleId :  
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Tgt Ion:112 Resp: 1841727  
Ion Ratio Lower Upper  
112 100  
64 56.1 45.2 67.8  
63 28.7 22.9 34.3



#6  
Aniline  
Concen: 37.753 ng  
RT: 6.551 min Scan# 759  
Delta R.T. -0.000 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion: 93 Resp: 840750  
Ion Ratio Lower Upper  
93 100  
66 37.3 30.8 46.2  
65 18.7 15.5 23.3

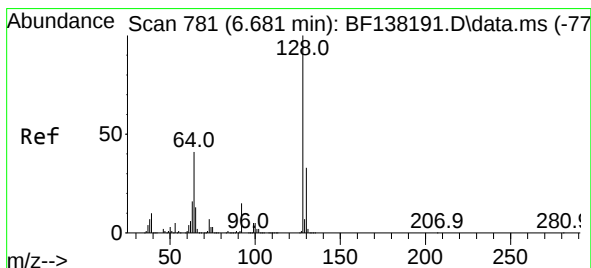
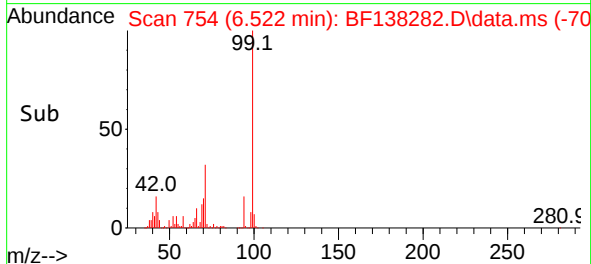
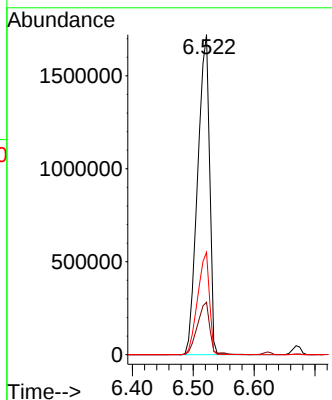
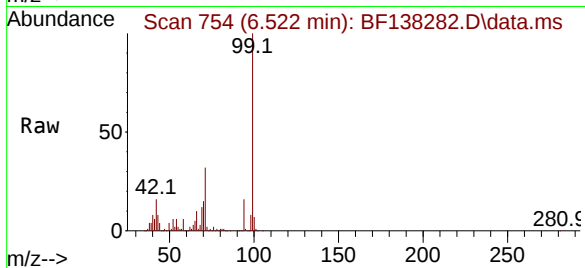




#7  
Phenol-d6  
Concen: 103.015 ng  
RT: 6.522 min Scan# 714  
Delta R.T. -0.000 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

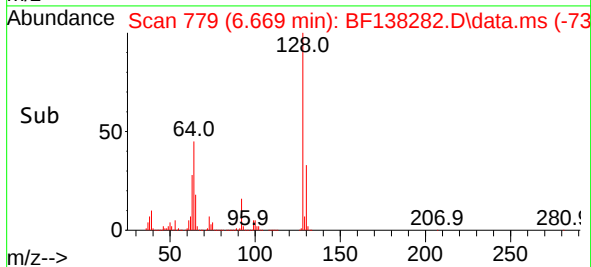
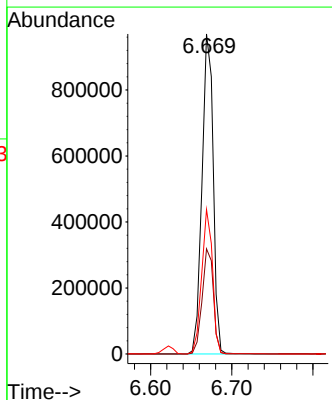
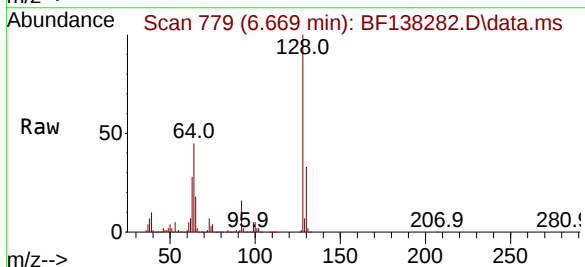
Instrument :  
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ClientSampleId :  
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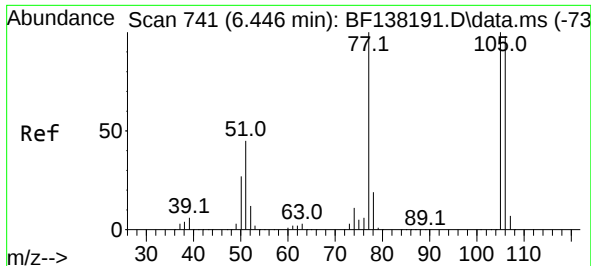
Tgt Ion: 99 Resp: 2344580  
Ion Ratio Lower Upper  
99 100  
42 16.4 13.7 20.5  
71 32.0 25.0 37.6



#8  
2-Chlorophenol  
Concen: 47.869 ng  
RT: 6.669 min Scan# 779  
Delta R.T. -0.012 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:128 Resp: 928888  
Ion Ratio Lower Upper  
128 100  
130 32.9 13.1 53.1  
64 45.2 21.8 61.8

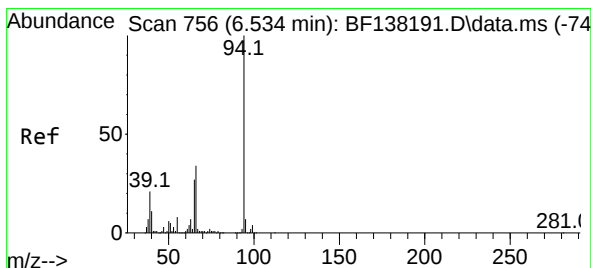
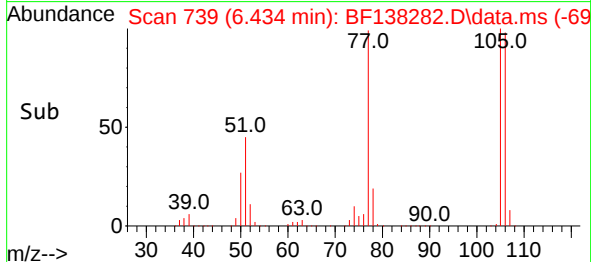
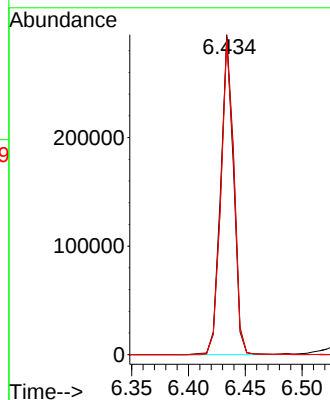
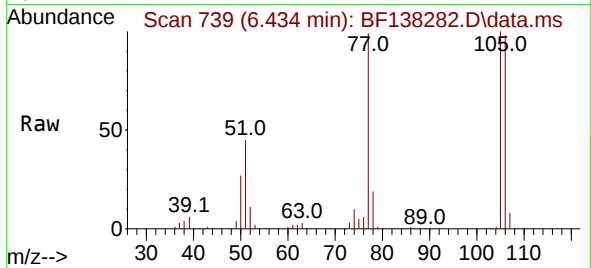




#9  
Benzaldehyde  
Concen: 19.192 ng  
RT: 6.434 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

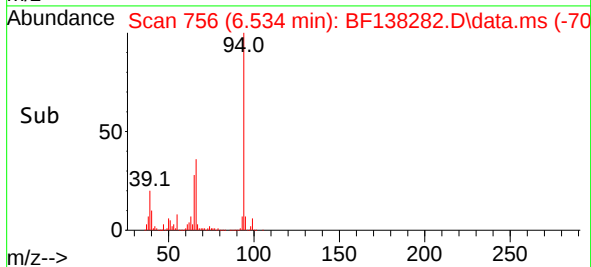
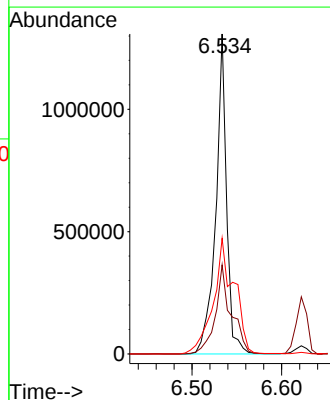
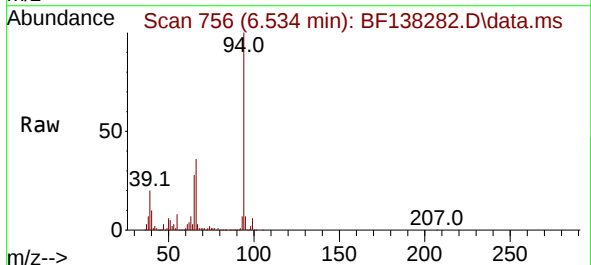
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

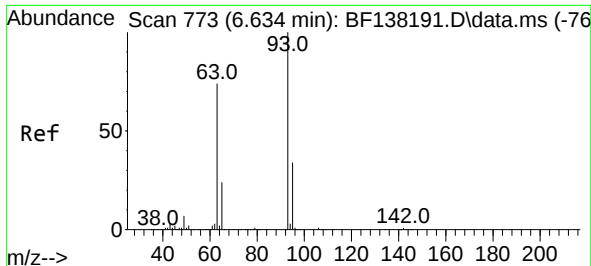
Tgt Ion: 77 Resp: 232003  
Ion Ratio Lower Upper  
77 100  
105 100.7 80.1 120.1  
106 98.8 77.8 117.8



#10  
Phenol  
Concen: 47.555 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion: 94 Resp: 1098393  
Ion Ratio Lower Upper  
94 100  
65 27.8 6.8 46.8  
66 36.2 14.2 54.2





#11

bis(2-Chloroethyl)ether

Concen: 46.197 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.012 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

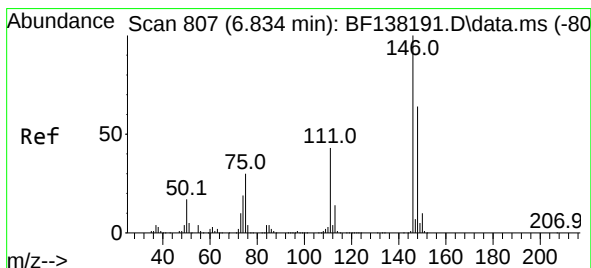
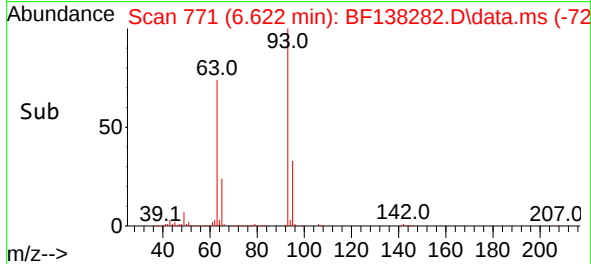
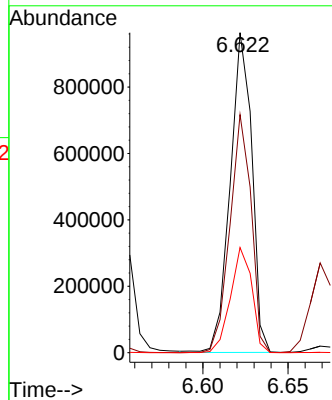
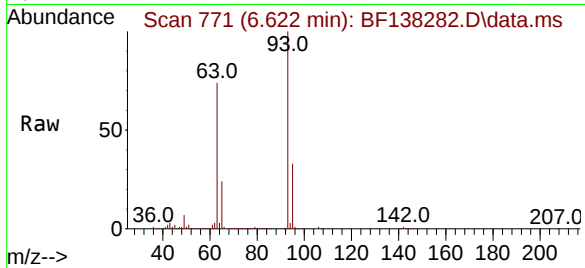
Tgt Ion: 93 Resp: 853985

Ion Ratio Lower Upper

93 100

63 74.4 52.5 92.5

95 32.8 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 43.296 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

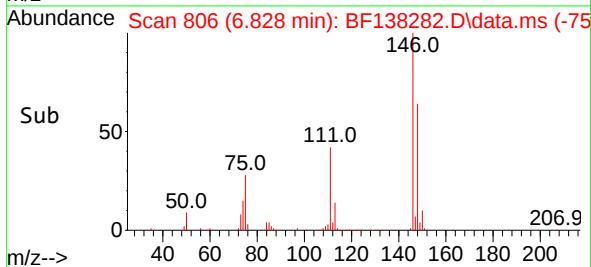
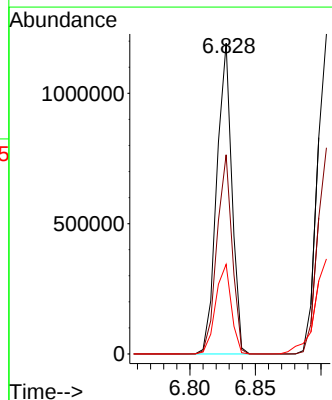
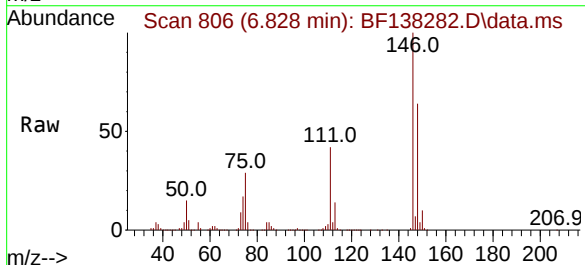
Tgt Ion:146 Resp: 954801

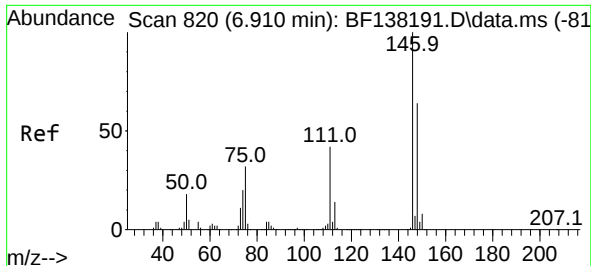
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

75 28.8 24.3 36.5

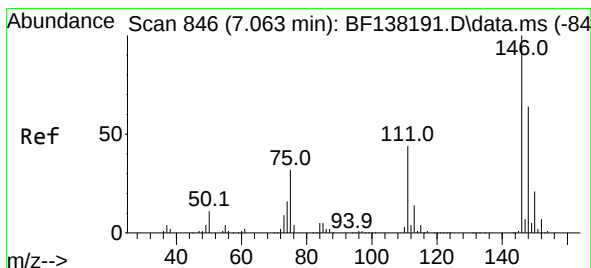
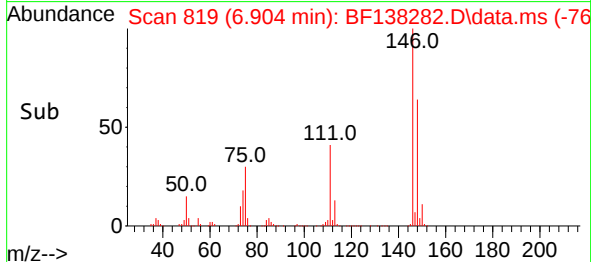
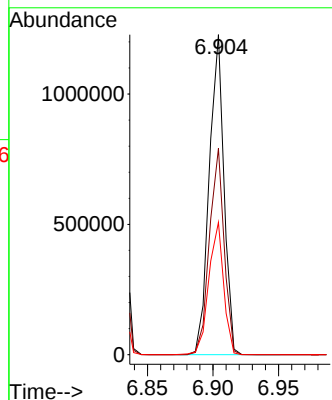
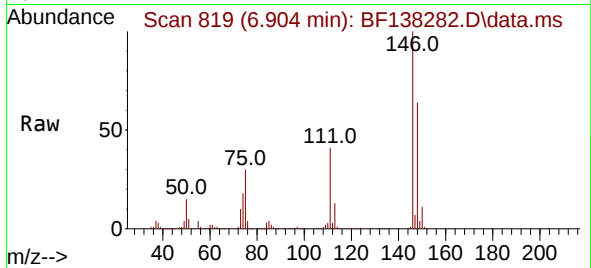




#13  
1,4-Dichlorobenzene  
Concen: 43.350 ng  
RT: 6.904 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

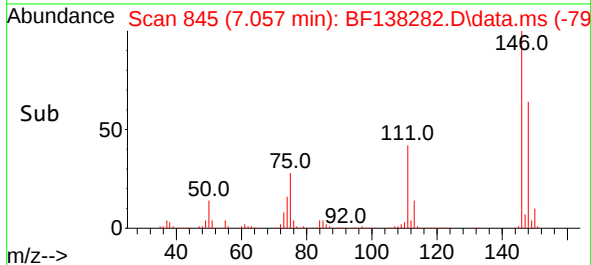
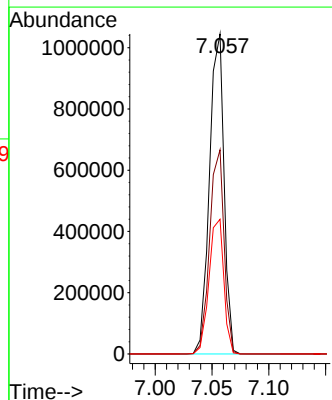
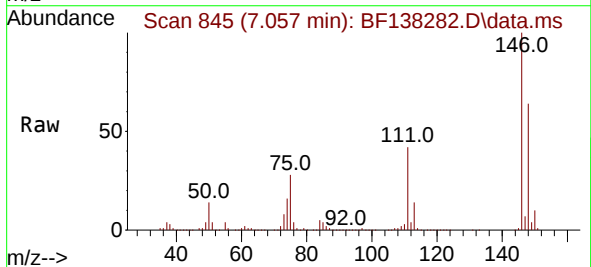
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

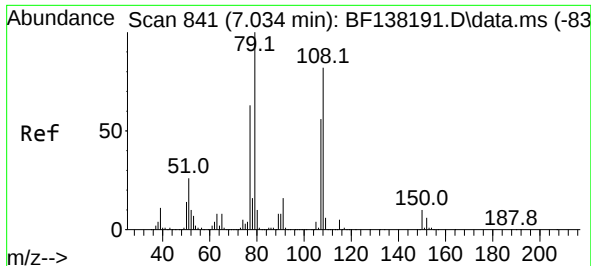
Tgt Ion:146 Resp: 962063  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.1 76.7  
111 41.3 33.7 50.5



#14  
1,2-Dichlorobenzene  
Concen: 44.658 ng  
RT: 7.057 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:146 Resp: 930395  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.2 76.8  
111 42.1 35.4 53.2





#15

Benzyl Alcohol

Concen: 48.757 ng

RT: 7.028 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

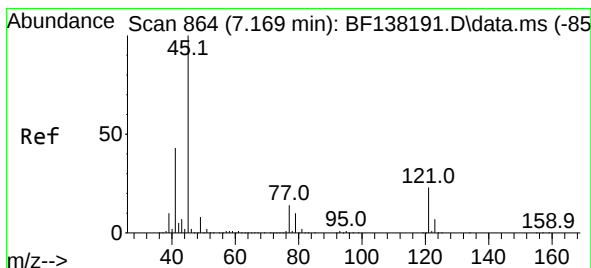
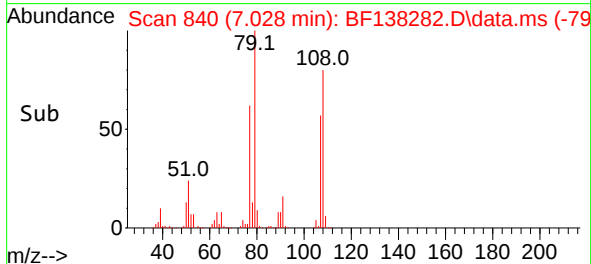
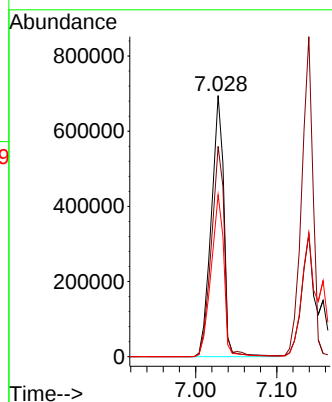
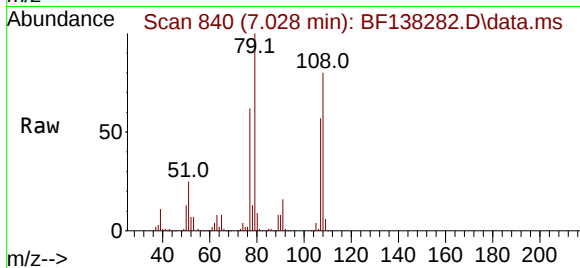
Tgt Ion: 79 Resp: 748222

Ion Ratio Lower Upper

79 100

108 80.5 65.9 98.9

77 62.0 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.905 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.012 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

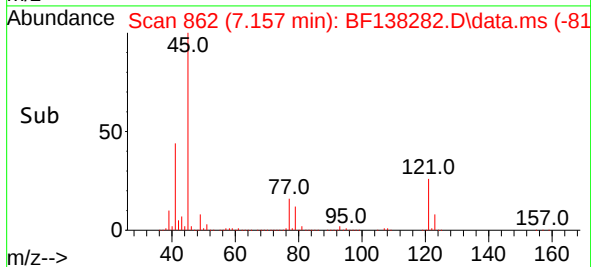
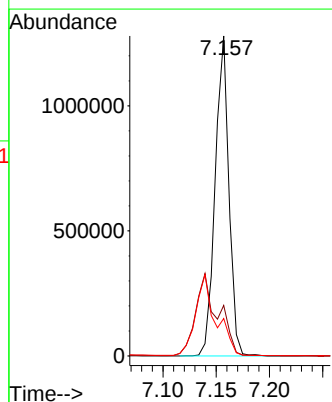
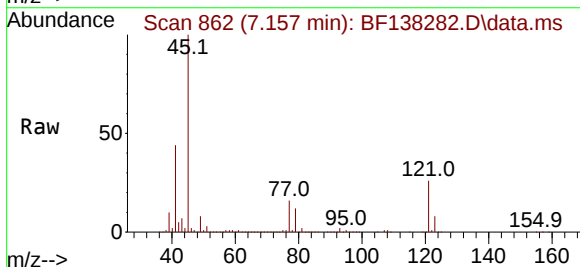
Tgt Ion: 45 Resp: 1145437

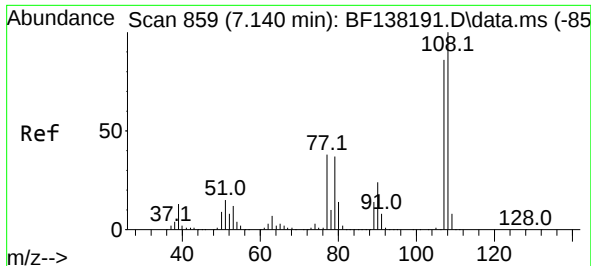
Ion Ratio Lower Upper

45 100

77 15.8 0.0 33.9

79 11.7 0.0 30.7



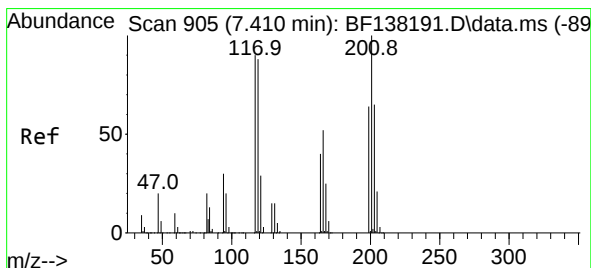
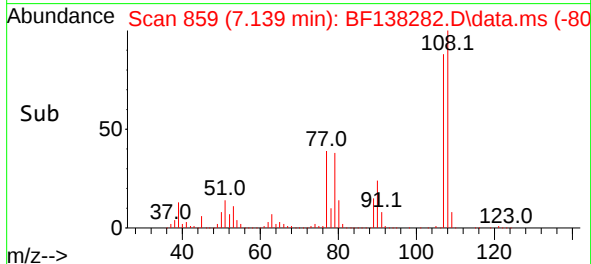
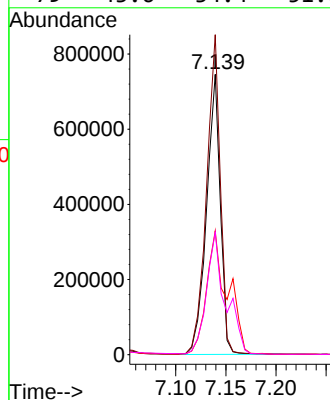
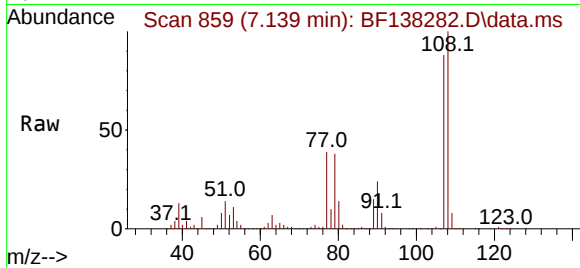


#17  
2-Methylphenol  
Concen: 46.911 ng  
RT: 7.139 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

Tgt Ion:107 Resp: 718205

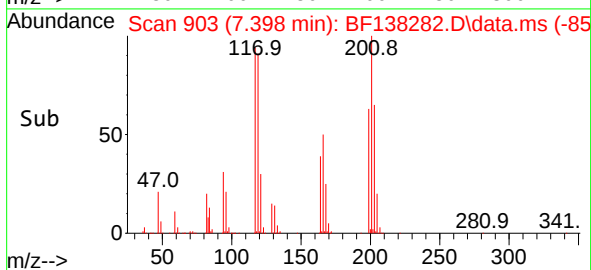
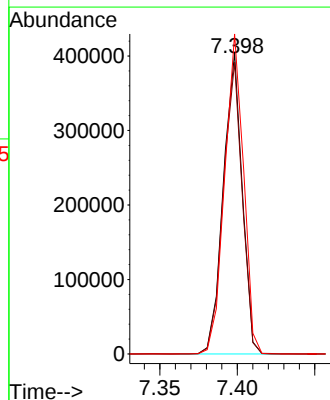
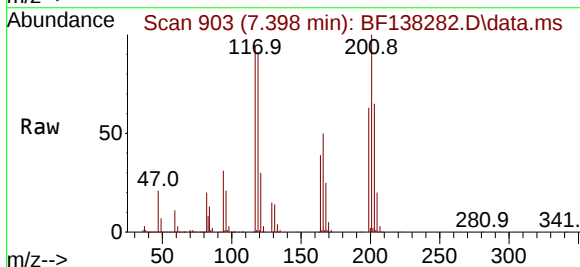
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 114.1 | 92.7  | 139.1 |
| 77  | 44.2  | 35.7  | 53.5  |
| 79  | 43.6  | 34.4  | 51.6  |

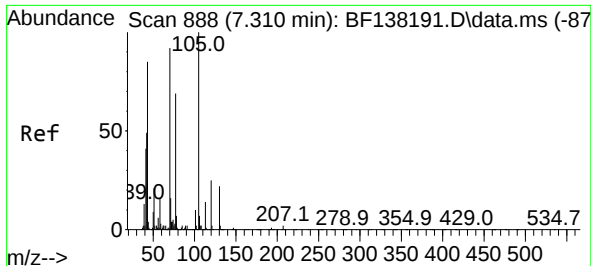


#18  
Hexachloroethane  
Concen: 45.559 ng  
RT: 7.398 min Scan# 903  
Delta R.T. -0.012 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:117 Resp: 342543

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.8  | 78.4  | 117.6 |
| 201 | 106.3 | 89.0  | 133.6 |



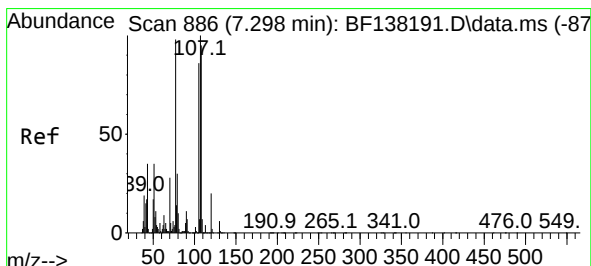
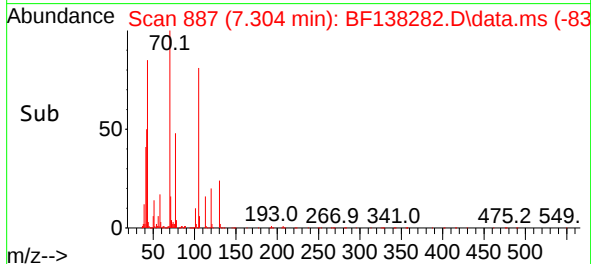
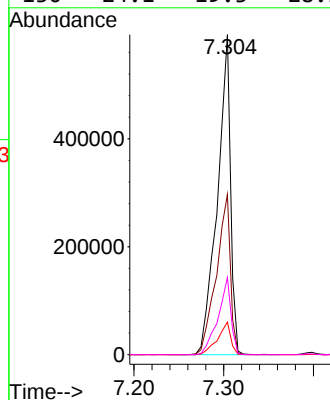
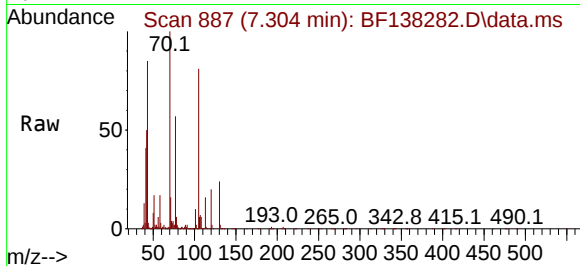


#19  
n-Nitroso-di-n-propylamine  
Concen: 44.886 ng  
RT: 7.304 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

Tgt Ion: 70 Resp: 605553

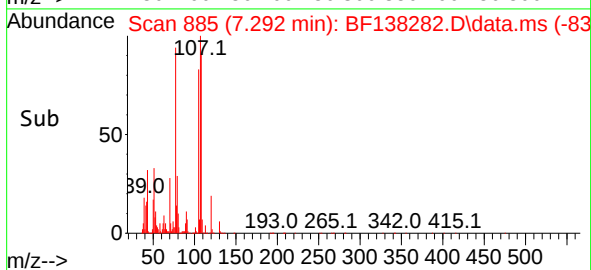
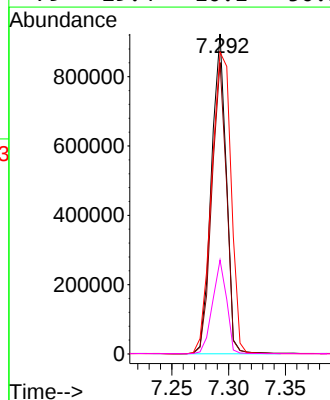
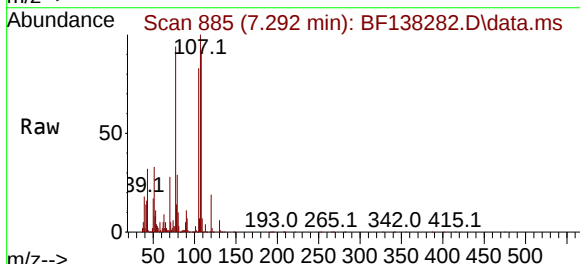
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 50.1  | 42.8  | 64.2  |
| 101 | 10.2  | 8.4   | 12.6  |
| 130 | 24.1  | 19.3  | 28.9  |

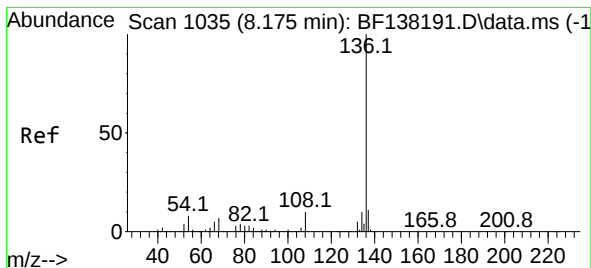


#20  
3+4-Methylphenols  
Concen: 43.272 ng  
RT: 7.292 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion: 107 Resp: 833863

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.1  | 74.9  | 114.9 |
| 77  | 94.3  | 78.2  | 118.2 |
| 79  | 29.4  | 10.1  | 50.1  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

Tgt Ion:136 Resp: 1162793

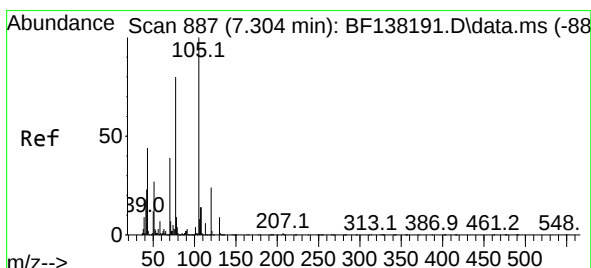
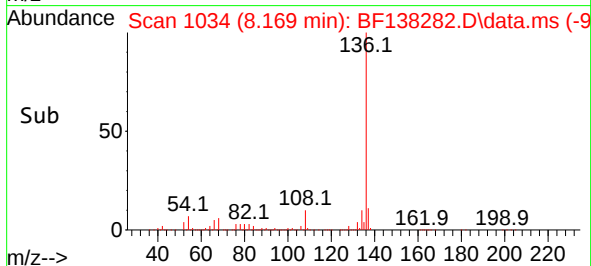
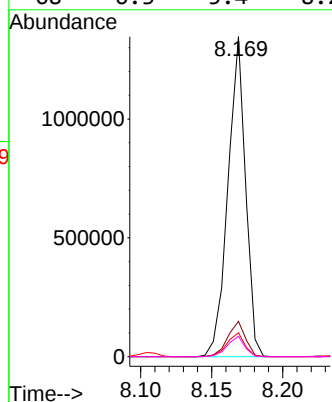
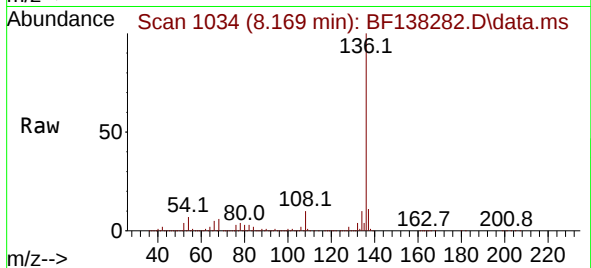
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.4 6.6 10.0

68 6.3 5.4 8.2



#22

Acetophenone

Concen: 40.070 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Tgt Ion:105 Resp: 1064388

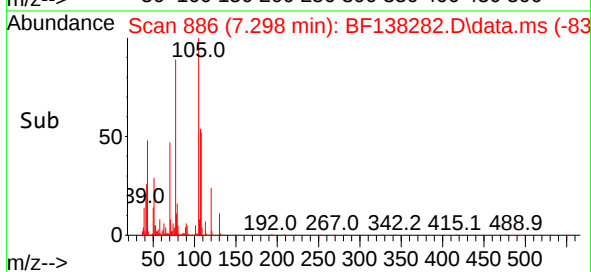
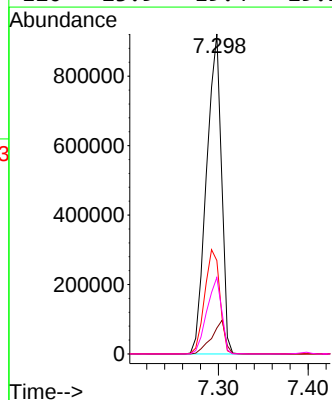
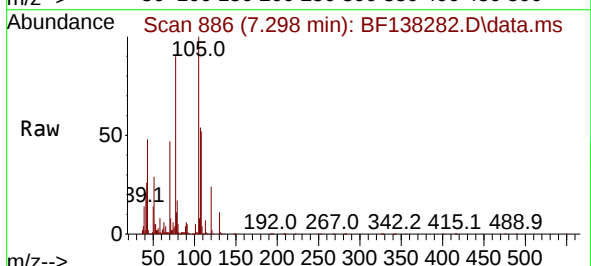
Ion Ratio Lower Upper

105 100

71 8.1 5.4 8.2

51 29.2 21.4 32.0

120 23.9 19.4 29.2





#23

Nitrobenzene-d5

Concen: 72.484 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

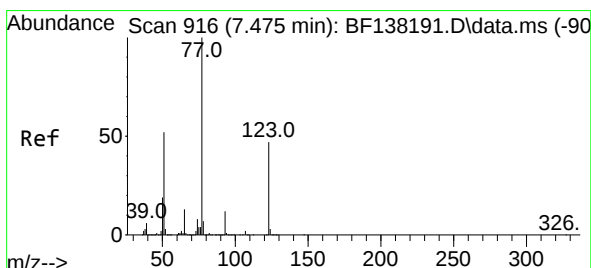
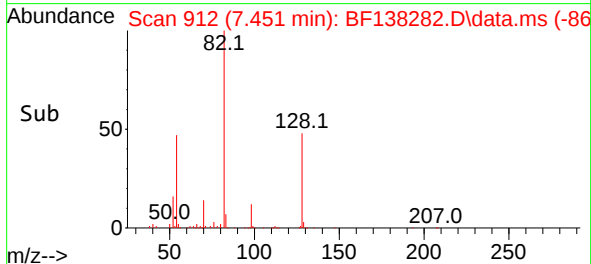
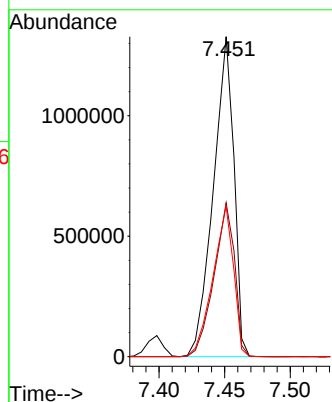
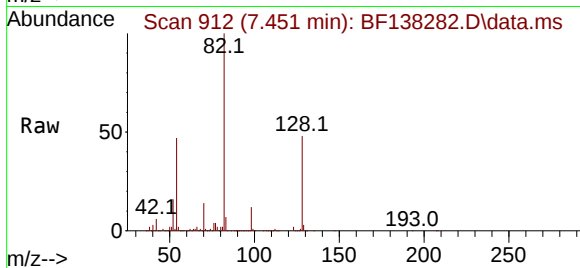
BNA\_F

ClientSampleId :

MH-K-COMPMS

Tgt Ion: 82 Resp: 1447776

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 48.1  | 37.2  | 55.8  |
| 54  | 47.1  | 39.8  | 59.6  |



#24

Nitrobenzene

Concen: 43.916 ng

RT: 7.469 min Scan# 915

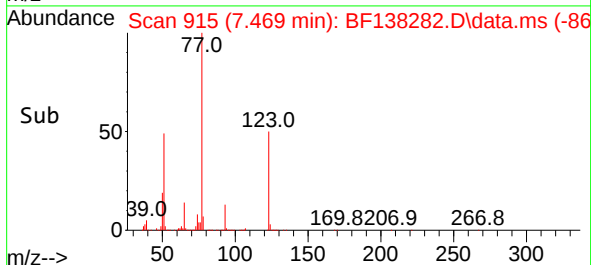
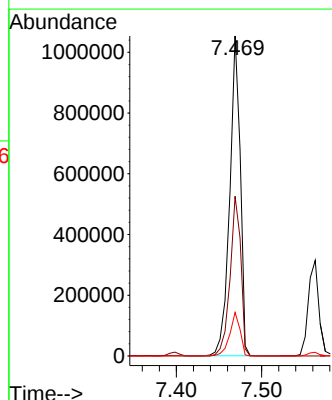
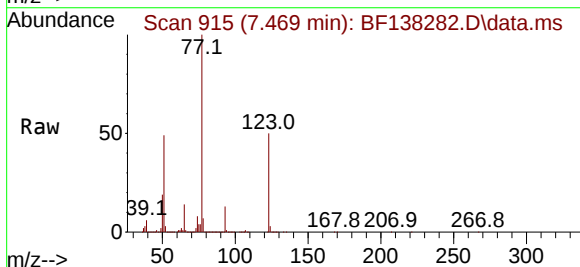
Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Tgt Ion: 77 Resp: 906582

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 49.9  | 37.3  | 55.9  |
| 65  | 13.6  | 10.6  | 15.8  |

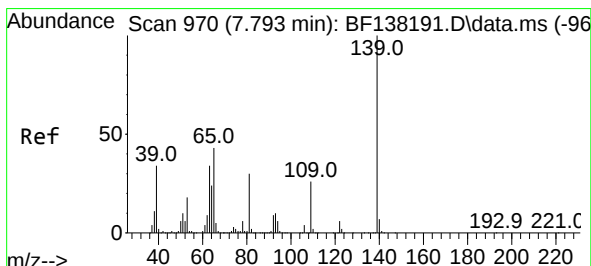
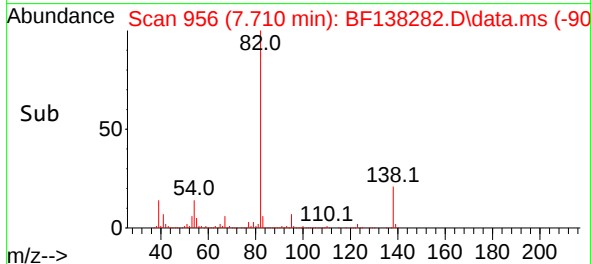
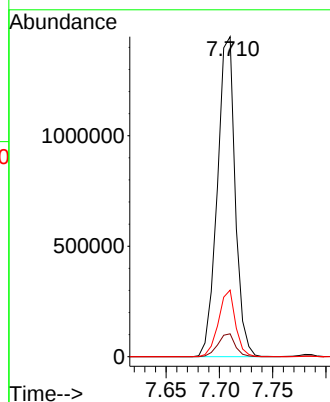
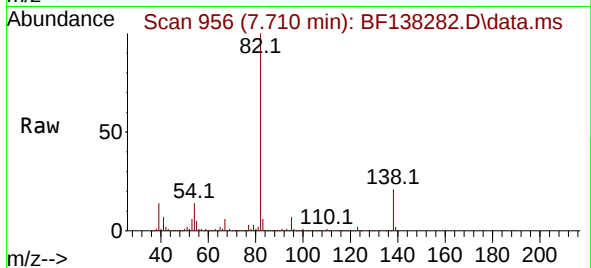




#25  
Isophorone  
Concen: 46.637 ng  
RT: 7.710 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

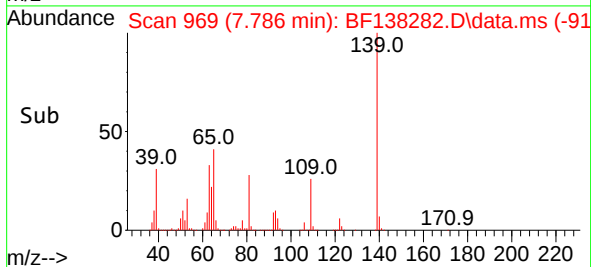
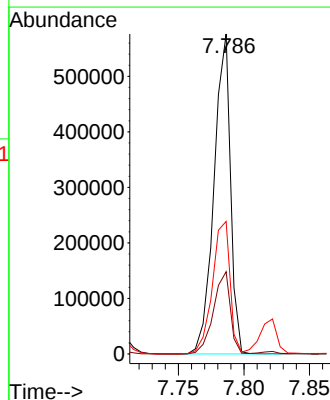
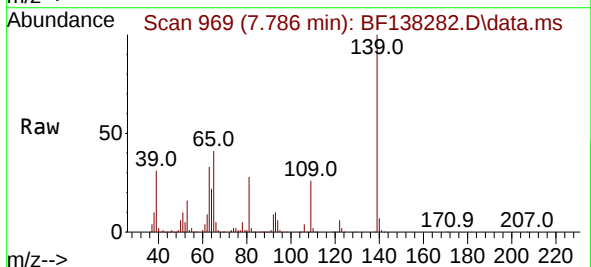
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

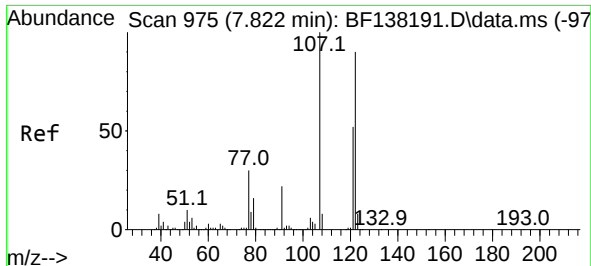
Tgt Ion: 82 Resp: 1684903  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.6 8.4  
138 20.8 16.4 24.6



#26  
2-Nitrophenol  
Concen: 60.617 ng  
RT: 7.786 min Scan# 969  
Delta R.T. -0.007 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion: 139 Resp: 503180  
Ion Ratio Lower Upper  
139 100  
109 25.7 20.7 31.1  
65 41.4 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 49.198 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

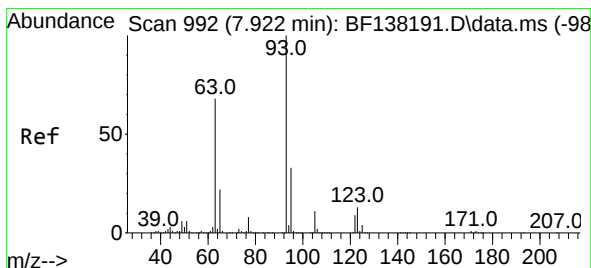
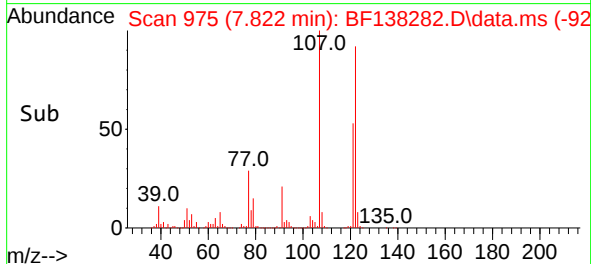
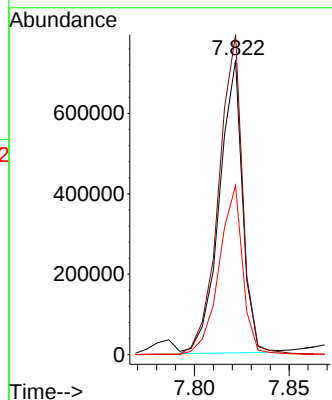
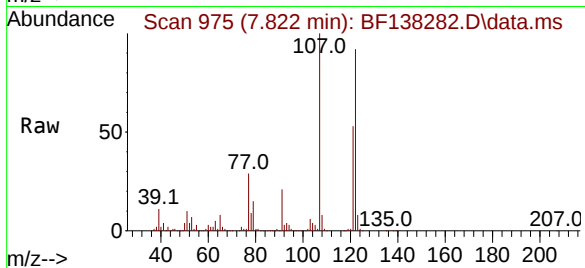
Tgt Ion:122 Resp: 621317

Ion Ratio Lower Upper

122 100

107 108.7 87.7 131.5

121 57.4 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.700 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

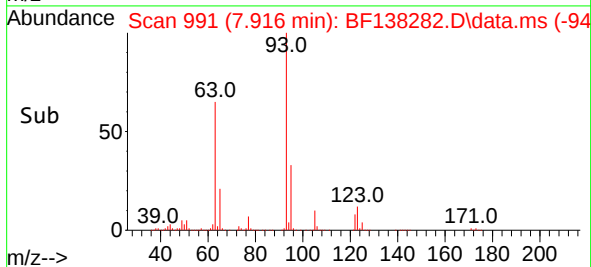
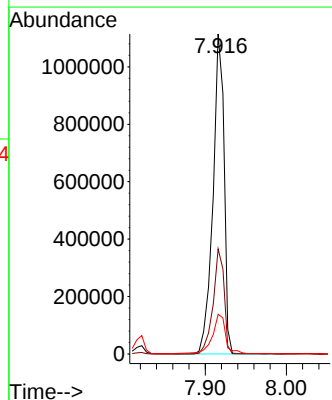
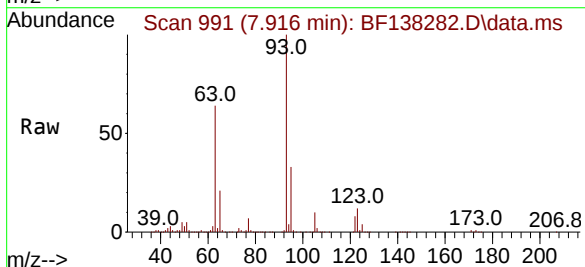
Tgt Ion: 93 Resp: 1056160

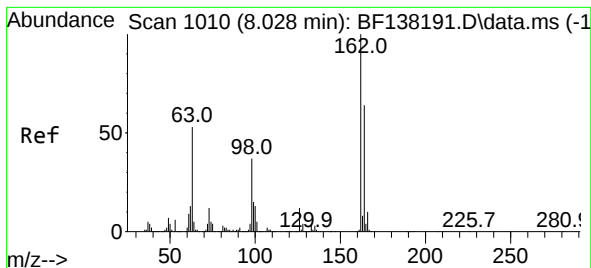
Ion Ratio Lower Upper

93 100

95 32.9 26.6 39.8

123 12.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.563 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

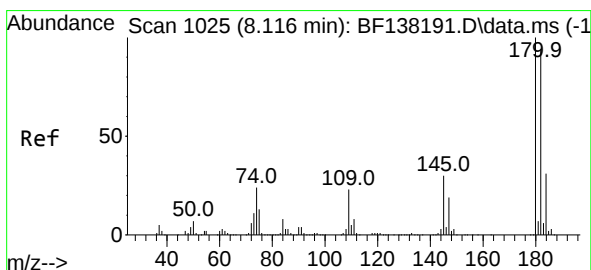
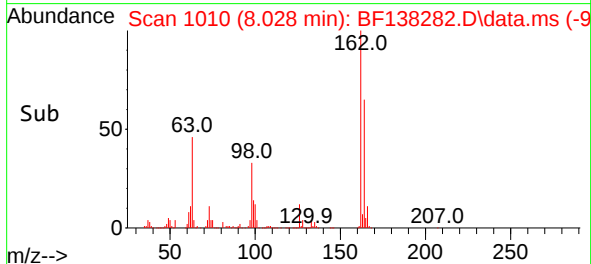
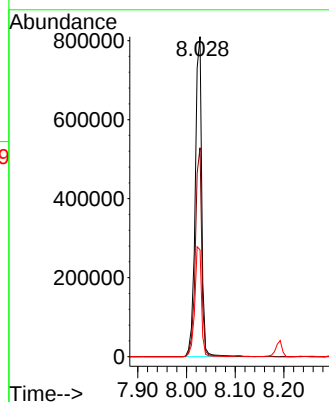
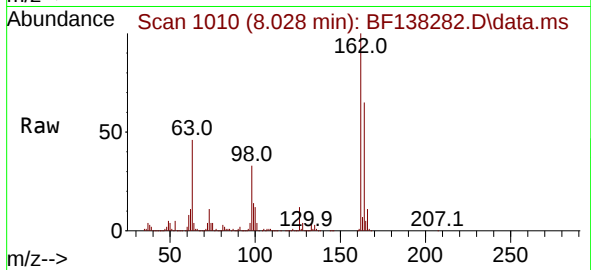
Tgt Ion:162 Resp: 757087

Ion Ratio Lower Upper

162 100

164 65.3 44.3 84.3

98 33.4 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 43.763 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

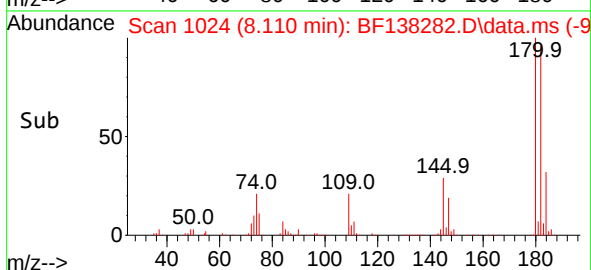
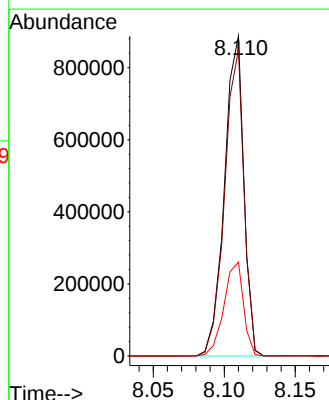
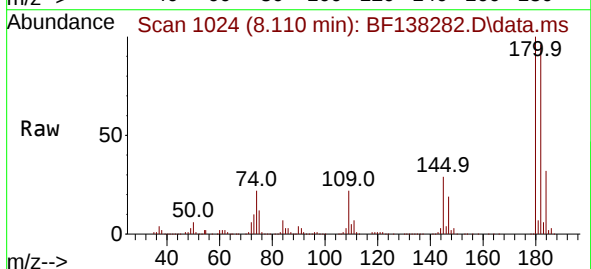
Tgt Ion:180 Resp: 839156

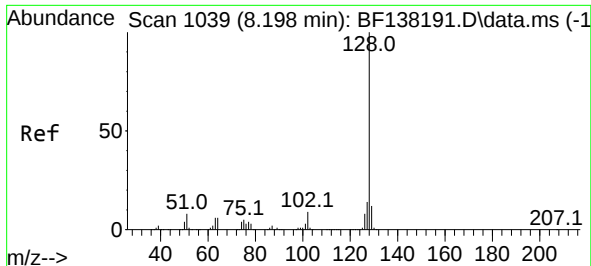
Ion Ratio Lower Upper

180 100

182 95.7 75.0 112.6

145 29.3 23.8 35.6

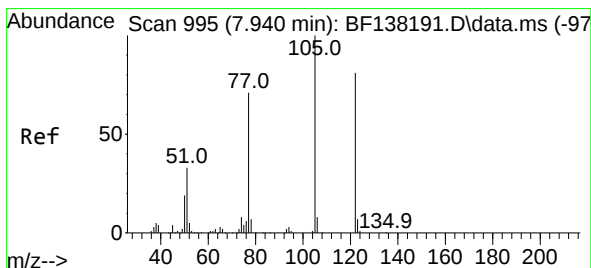
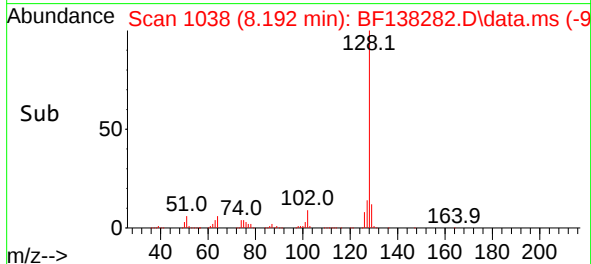
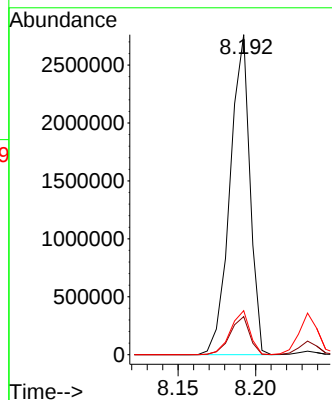
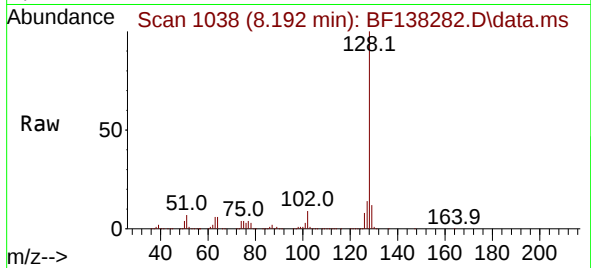




#31  
Naphthalene  
Concen: 42.973 ng  
RT: 8.192 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

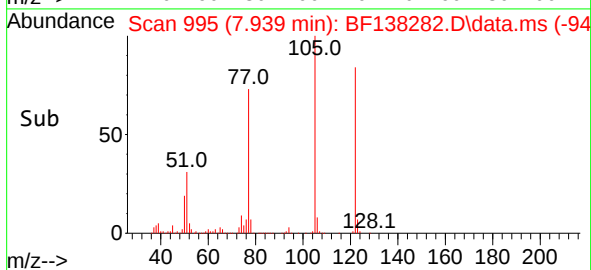
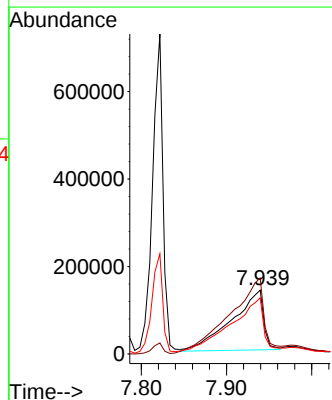
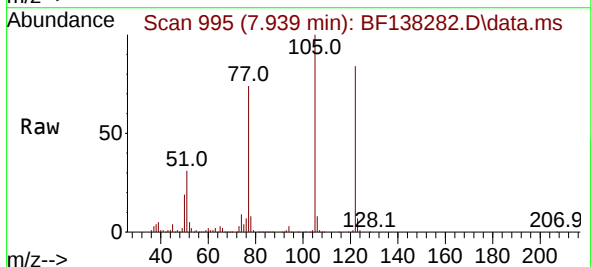
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

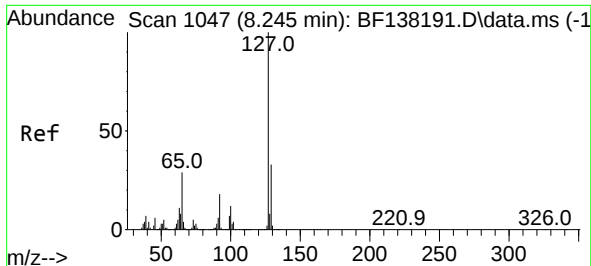
Tgt Ion:128 Resp: 2470835  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.5 14.3  
127 13.8 11.0 16.6



#32  
Benzoic acid  
Concen: 32.027 ng  
RT: 7.939 min Scan# 995  
Delta R.T. -0.001 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:122 Resp: 356485  
Ion Ratio Lower Upper  
122 100  
105 119.3 100.1 140.1  
77 88.2 66.5 106.5

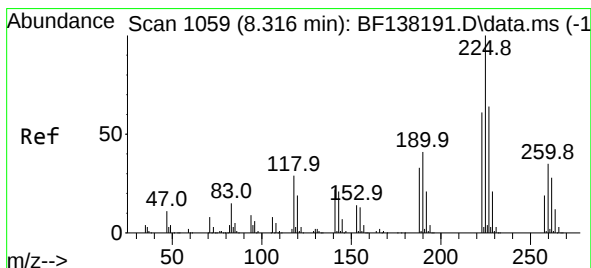
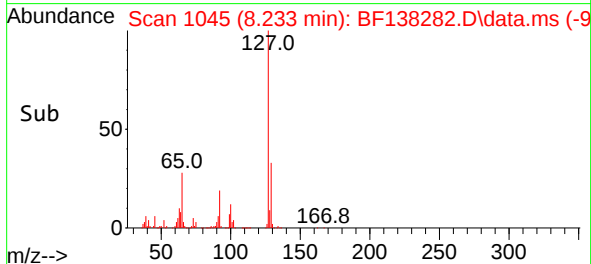
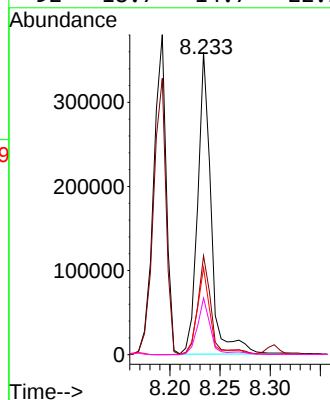
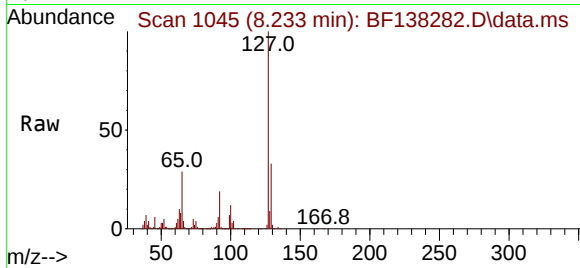




#33  
4-Chloroaniline  
Concen: 15.542 ng  
RT: 8.233 min Scan# 1045  
Delta R.T. -0.012 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

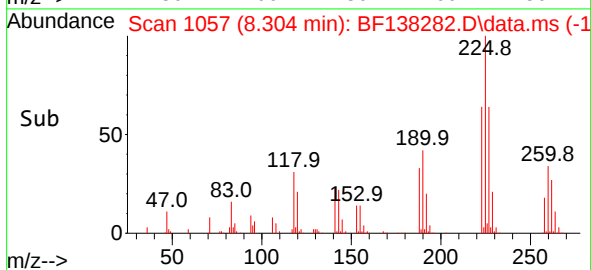
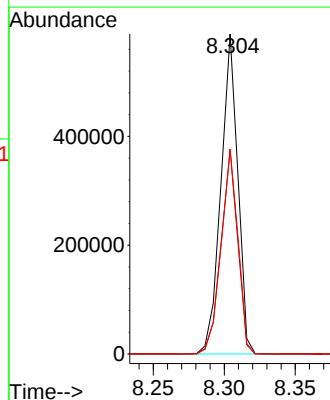
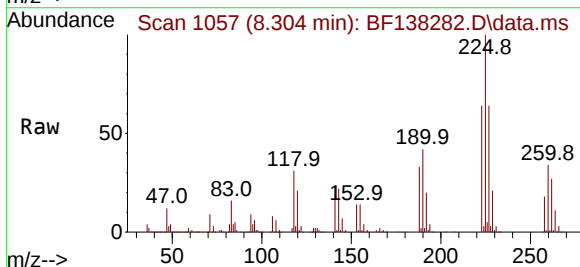
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

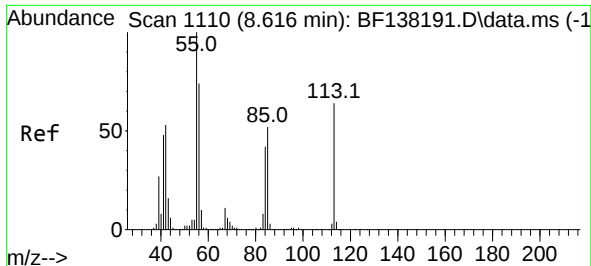
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 333996 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.7    | 26.1 39.1    |
| 65 28.7     | 23.6 35.4    |
| 92 18.7     | 14.7 22.1    |



#34  
Hexachlorobutadiene  
Concen: 43.189 ng  
RT: 8.304 min Scan# 1057  
Delta R.T. -0.012 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 484340 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 63.8    | 49.0  | 73.6   |
| 227 | 64.1    | 51.2  | 76.8   |

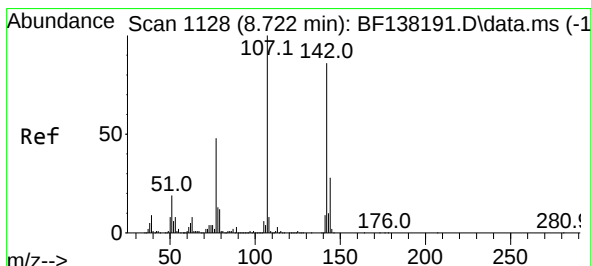
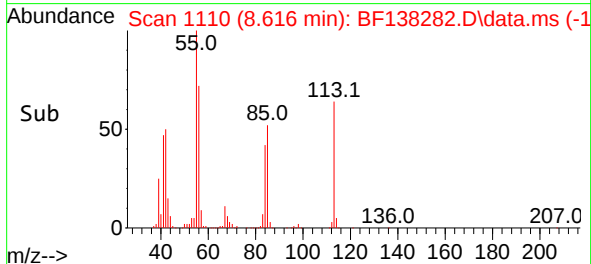
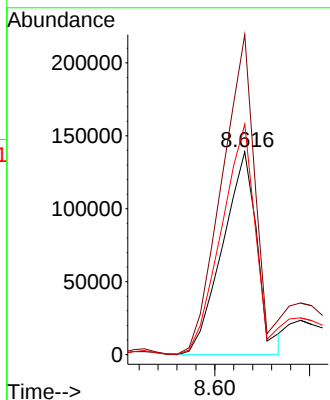
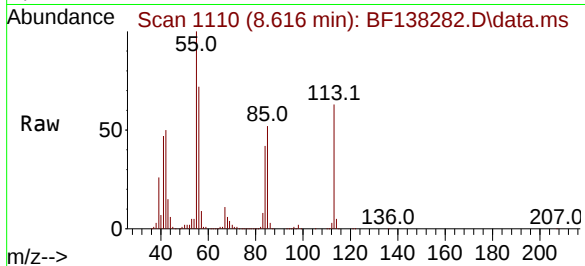




#35  
 Caprolactam  
 Concen: 35.656 ng  
 RT: 8.616 min Scan# 1110  
 Delta R.T. -0.000 min  
 Lab File: BF138282.D  
 Acq: 21 Jun 2024 13:25

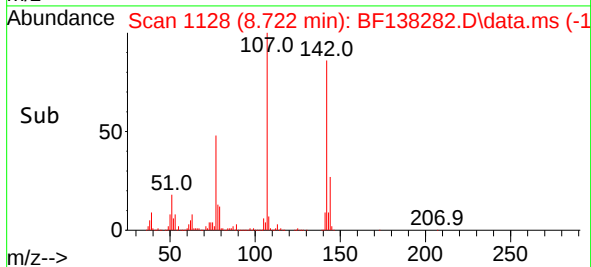
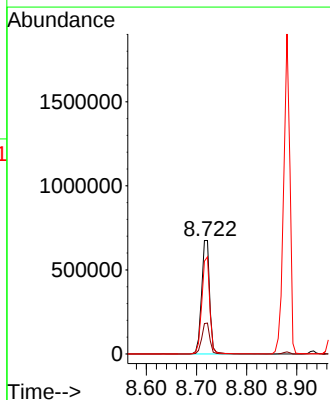
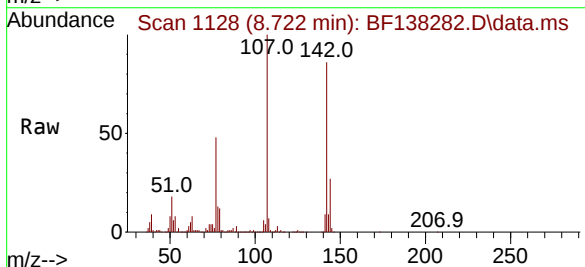
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-K-COMPMS

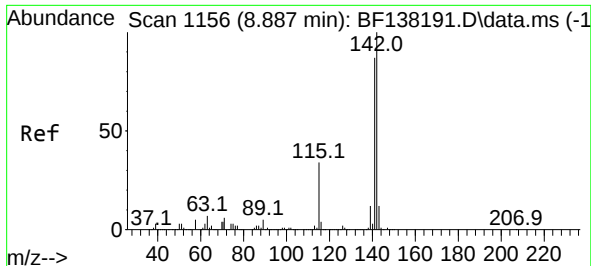
Tgt Ion:113 Resp: 175025  
 Ion Ratio Lower Upper  
 113 100  
 55 157.6 135.4 175.4  
 56 113.4 95.5 135.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 46.700 ng  
 RT: 8.722 min Scan# 1128  
 Delta R.T. -0.000 min  
 Lab File: BF138282.D  
 Acq: 21 Jun 2024 13:25

Tgt Ion:107 Resp: 756022  
 Ion Ratio Lower Upper  
 107 100  
 144 27.2 22.6 34.0  
 142 85.7 69.0 103.4





#37

2-Methylnaphthalene

Concen: 43.421 ng

RT: 8.880 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

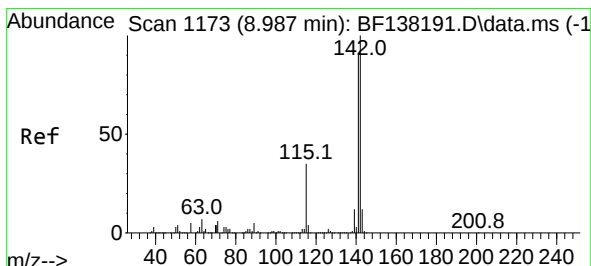
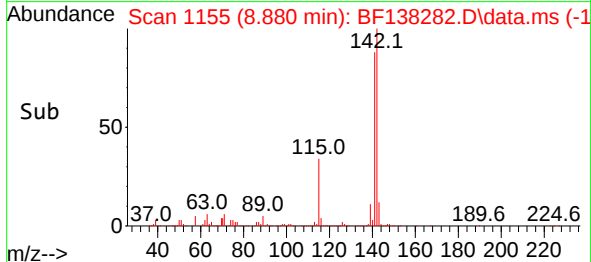
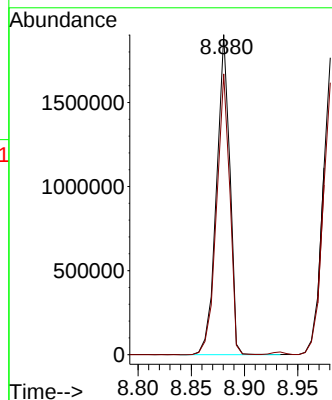
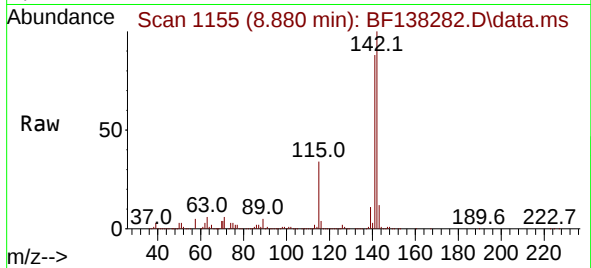
MH-K-COMPMS

Tgt Ion:142 Resp: 1638510

Ion Ratio Lower Upper

142 100

141 87.8 69.9 104.9



#38

1-Methylnaphthalene

Concen: 40.901 ng

RT: 8.980 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF138282.D

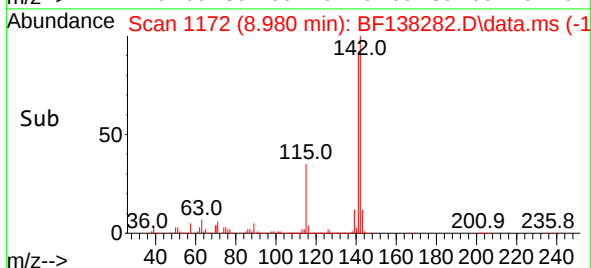
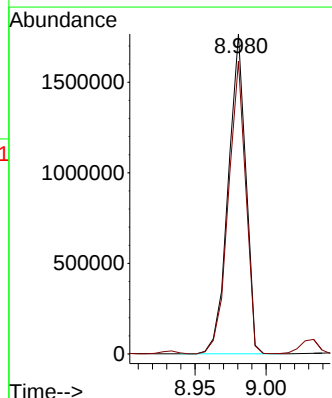
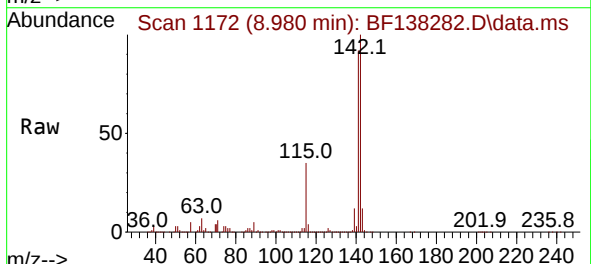
Acq: 21 Jun 2024 13:25

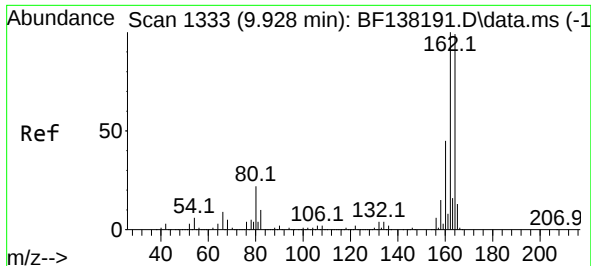
Tgt Ion:142 Resp: 1512454

Ion Ratio Lower Upper

142 100

141 91.6 72.8 109.2

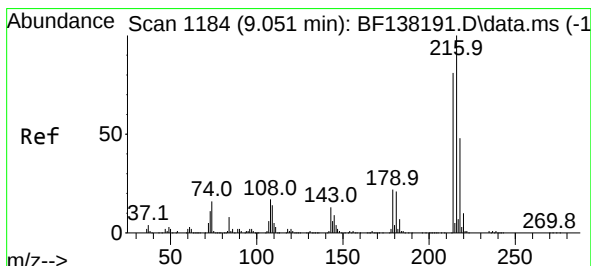
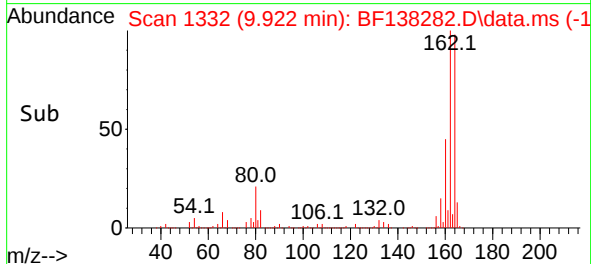
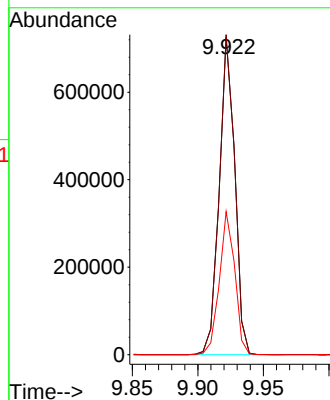
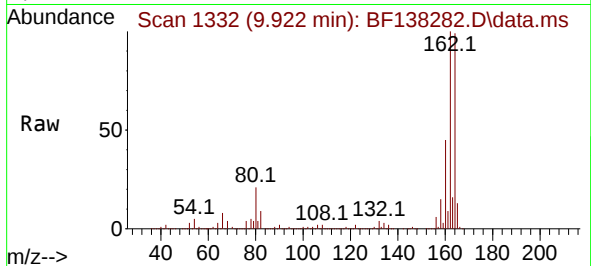




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1183  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

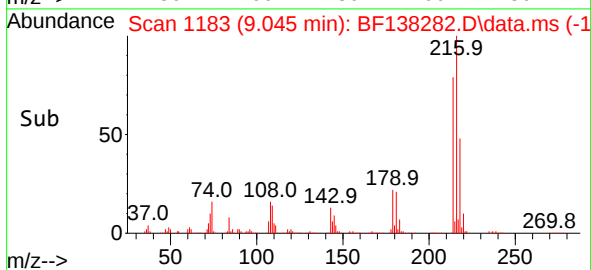
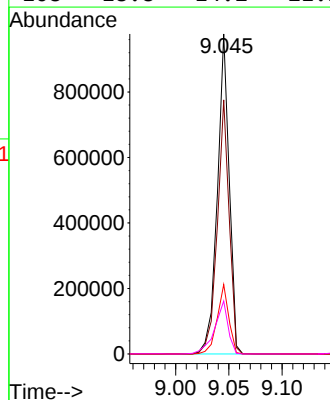
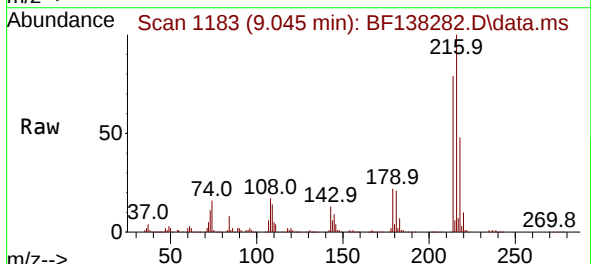
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

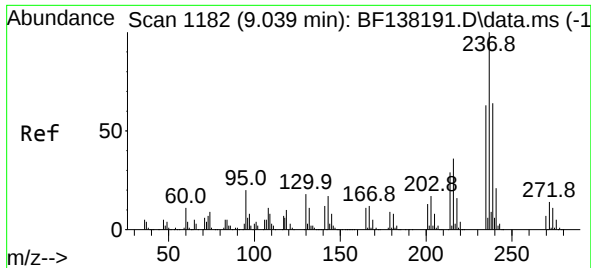
Tgt Ion:164 Resp: 596405  
Ion Ratio Lower Upper  
164 100  
162 100.8 80.6 121.0  
160 45.1 36.3 54.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.380 ng  
RT: 9.045 min Scan# 1183  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:216 Resp: 756026  
Ion Ratio Lower Upper  
216 100  
214 79.2 63.7 95.5  
179 21.3 16.9 25.3  
108 18.8 14.2 21.2

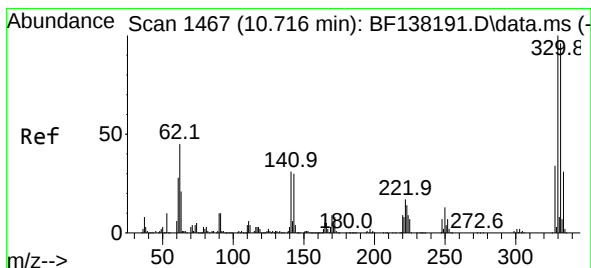
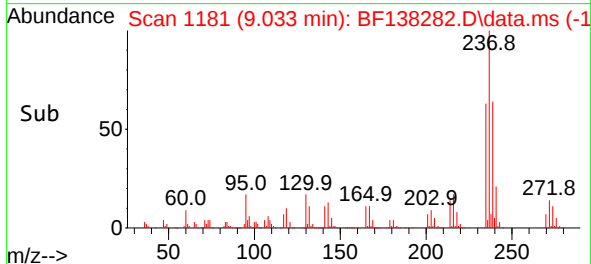
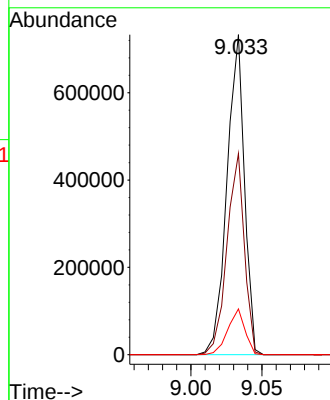
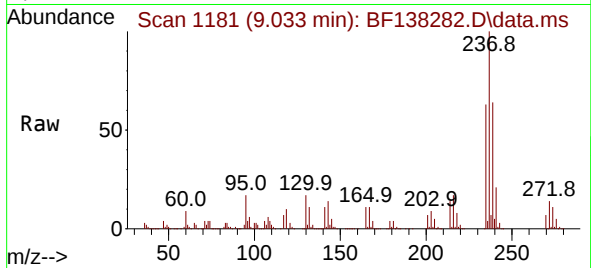




#41  
Hexachlorocyclopentadiene  
Concen: 110.380 ng  
RT: 9.033 min Scan# 1182  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

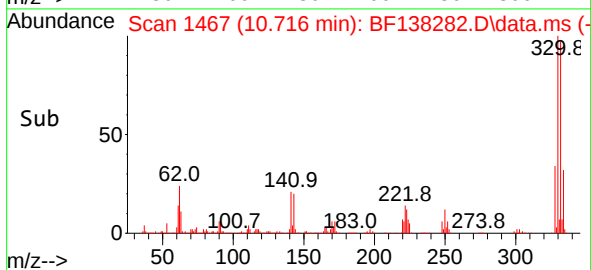
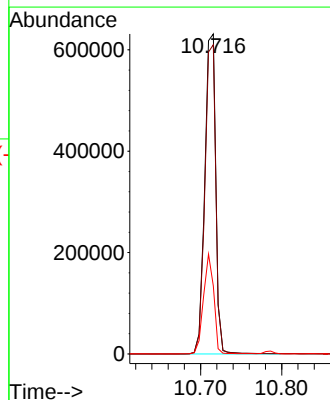
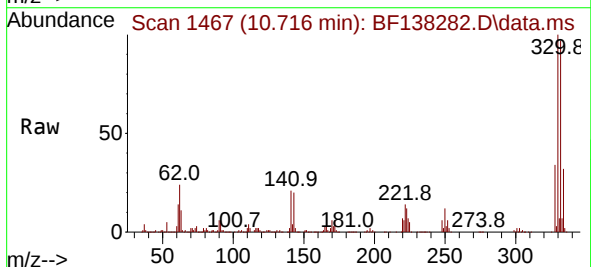
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

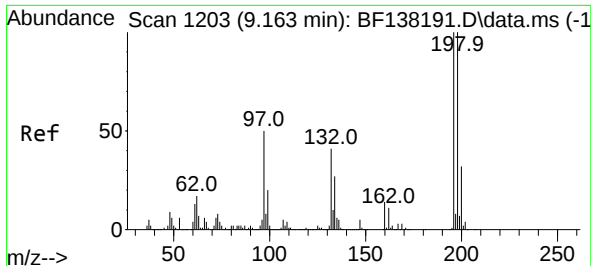
Tgt Ion:237 Resp: 627266  
Ion Ratio Lower Upper  
237 100  
235 62.8 43.3 83.3  
272 14.3 0.0 34.0



#42  
2,4,6-Tribromophenol  
Concen: 99.610 ng  
RT: 10.716 min Scan# 1467  
Delta R.T. -0.000 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:330 Resp: 591419  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.6 115.0  
141 29.5 23.9 35.9

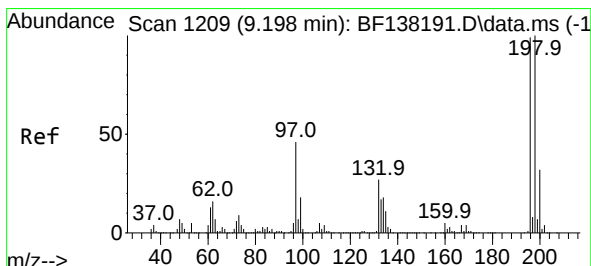
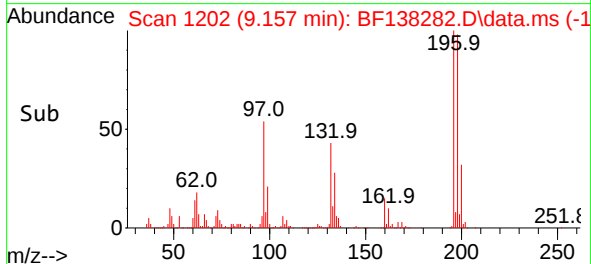
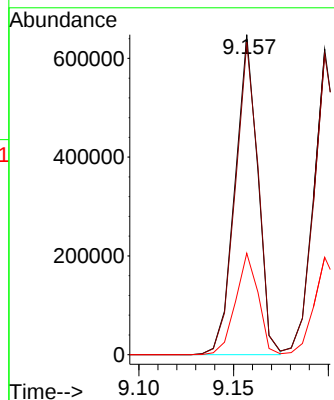
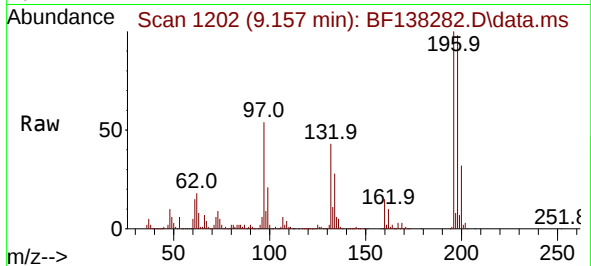




#43  
2,4,6-Trichlorophenol  
Concen: 49.437 ng  
RT: 9.157 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

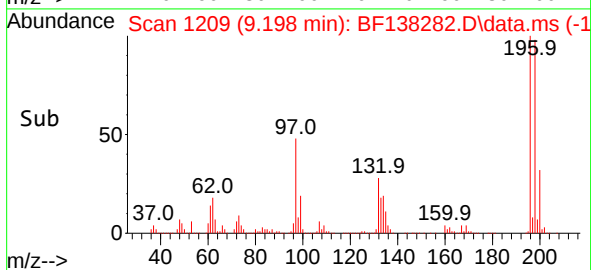
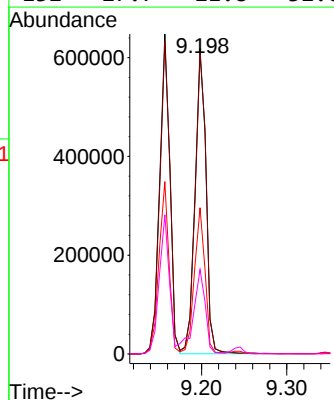
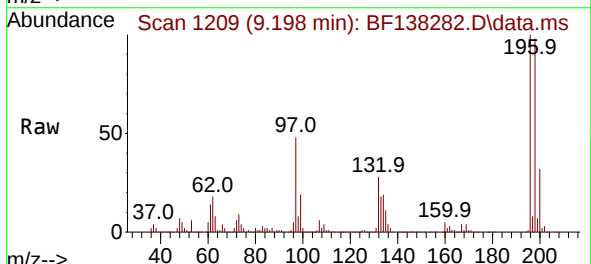
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

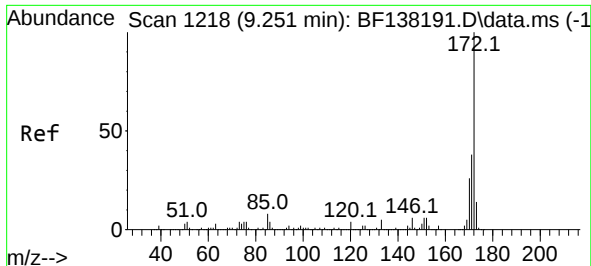
Tgt Ion:196 Resp: 539485  
Ion Ratio Lower Upper  
196 100  
198 97.6 79.8 119.6  
200 31.7 25.9 38.9



#44  
2,4,5-Trichlorophenol  
Concen: 46.270 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. -0.000 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:196 Resp: 554499  
Ion Ratio Lower Upper  
196 100  
198 98.4 80.4 120.6  
97 47.9 37.4 56.2  
132 27.7 21.8 32.6

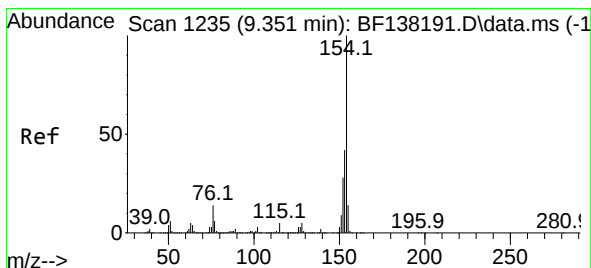
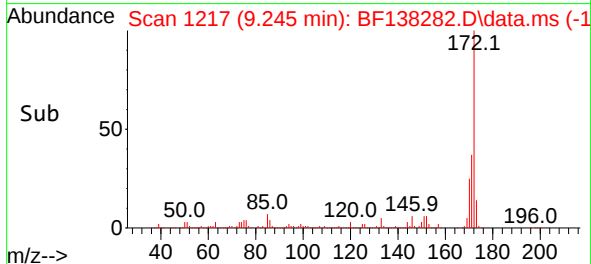
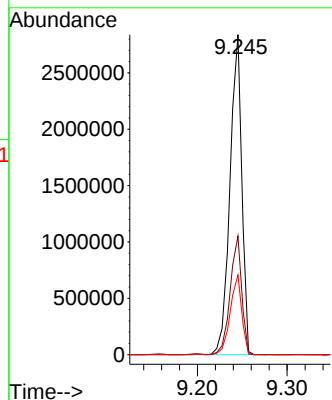
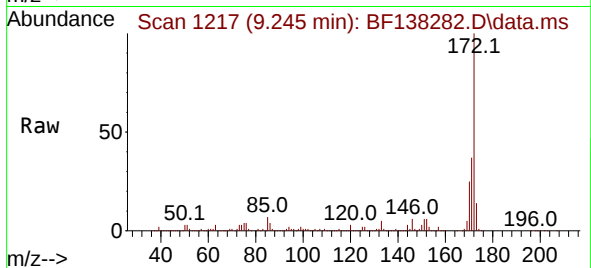




#45  
2-Fluorobiphenyl  
Concen: 69.387 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

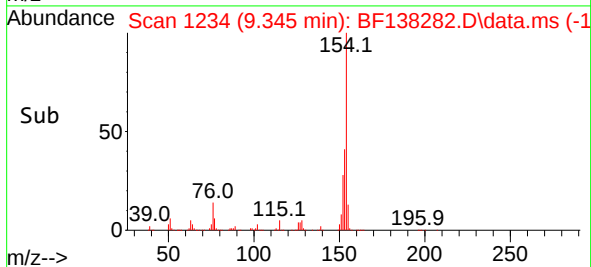
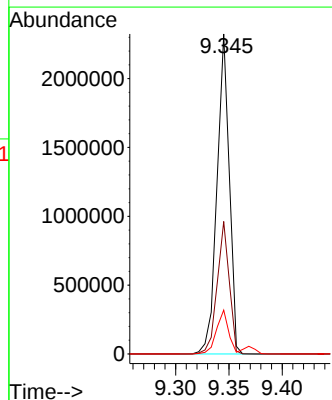
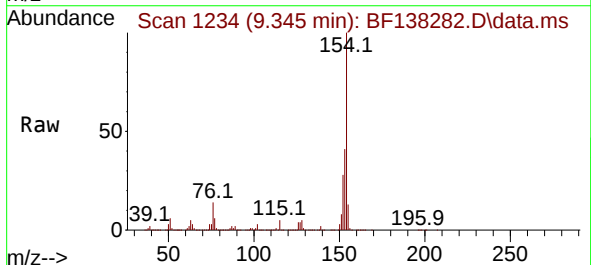
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

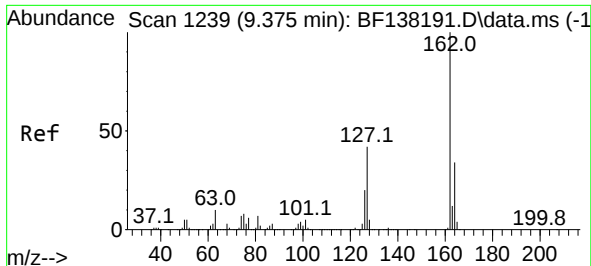
Tgt Ion:172 Resp: 2602441  
Ion Ratio Lower Upper  
172 100  
171 37.0 30.3 45.5  
170 24.9 20.6 30.8



#46  
1,1'-Biphenyl  
Concen: 42.406 ng  
RT: 9.345 min Scan# 1234  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:154 Resp: 1855837  
Ion Ratio Lower Upper  
154 100  
153 41.4 22.1 62.1  
76 13.7 0.0 34.3





#47

2-Chloronaphthalene

Concen: 45.028 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

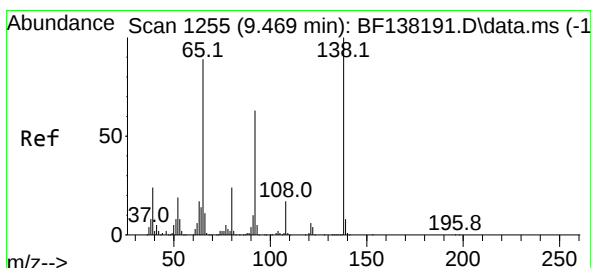
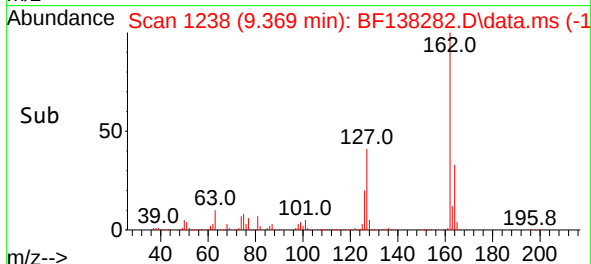
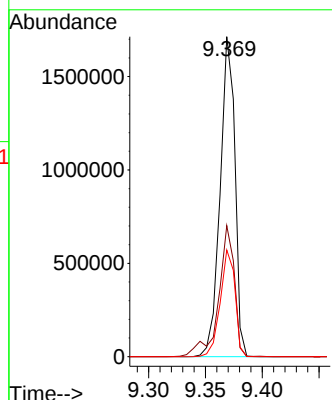
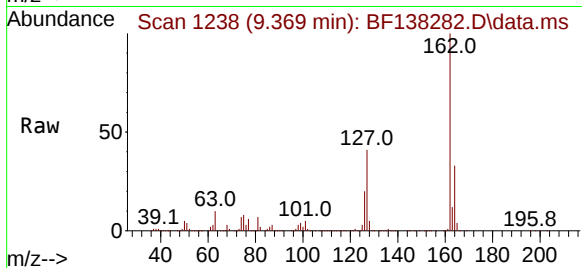
Tgt Ion:162 Resp: 1557363

Ion Ratio Lower Upper

162 100

127 40.9 33.6 50.4

164 33.4 27.2 40.8



#48

2-Nitroaniline

Concen: 52.289 ng

RT: 9.469 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

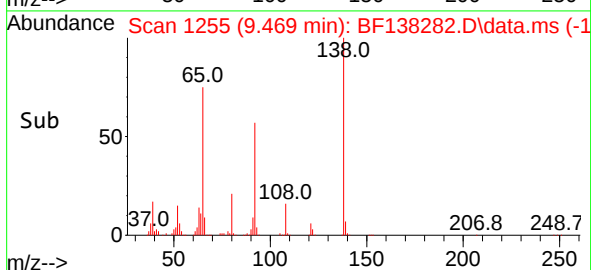
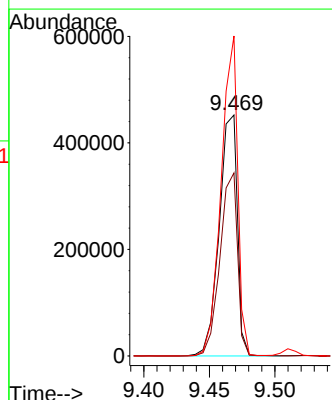
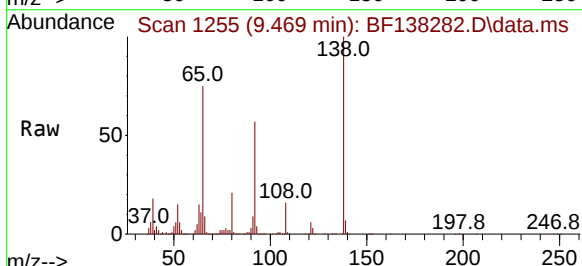
Tgt Ion: 65 Resp: 435531

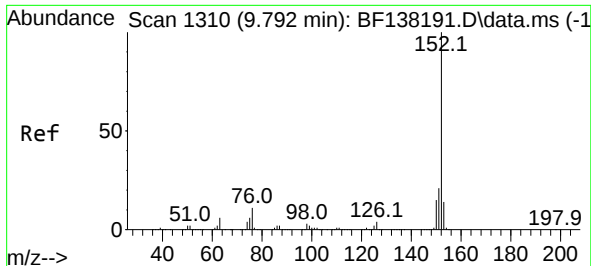
Ion Ratio Lower Upper

65 100

92 75.9 56.6 85.0

138 132.8 90.1 135.1

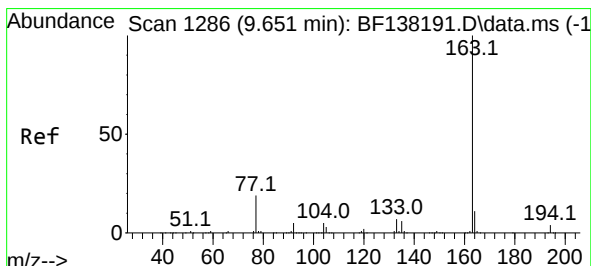
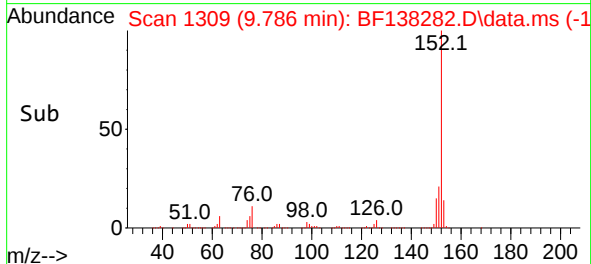
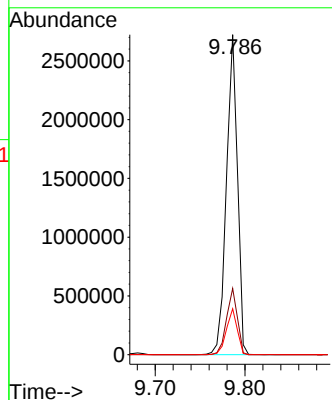
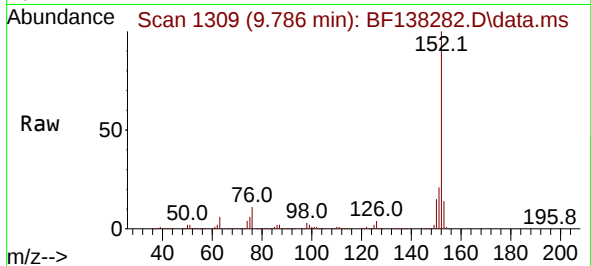




#49  
Acenaphthylene  
Concen: 47.789 ng  
RT: 9.786 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

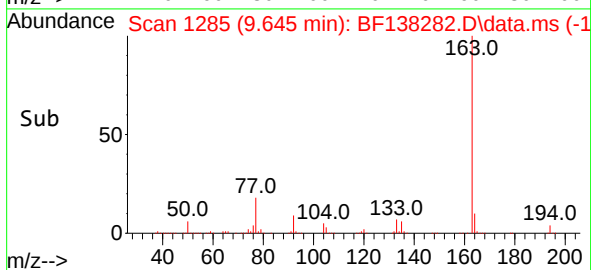
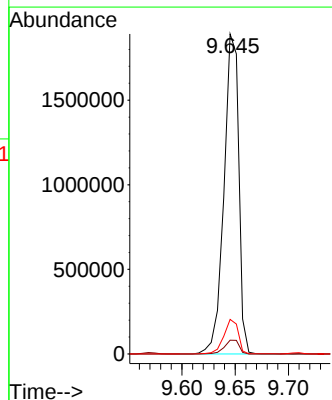
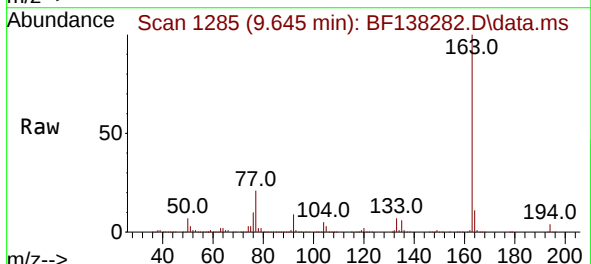
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

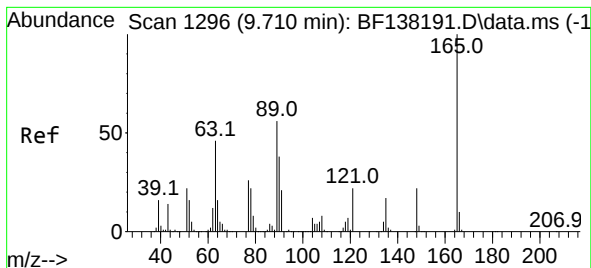
Tgt Ion:152 Resp: 2317715  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.9 25.3  
153 14.3 11.4 17.0



#50  
Dimethylphthalate  
Concen: 49.921 ng  
RT: 9.645 min Scan# 1285  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:163 Resp: 1824229  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.5 5.3  
164 10.8 8.5 12.7

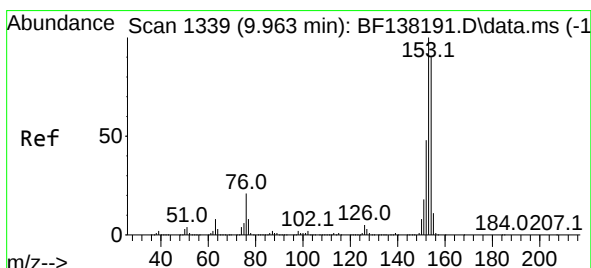
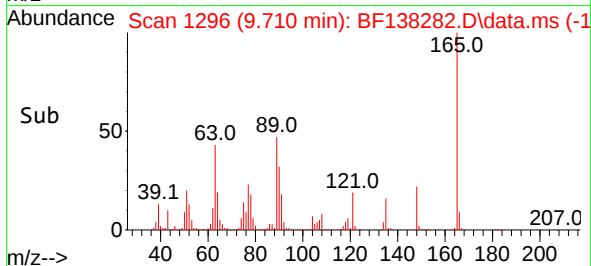
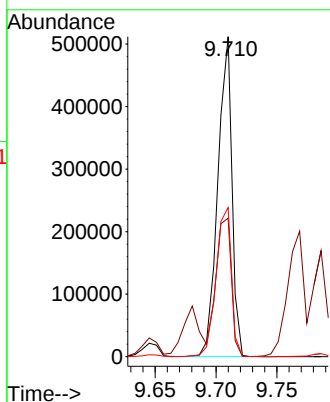
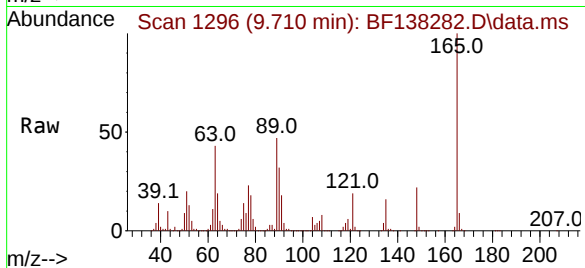




#51  
2,6-Dinitrotoluene  
Concen: 52.196 ng  
RT: 9.710 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

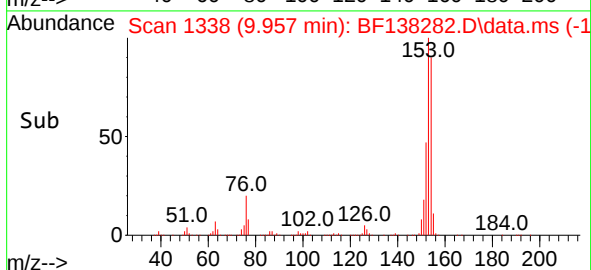
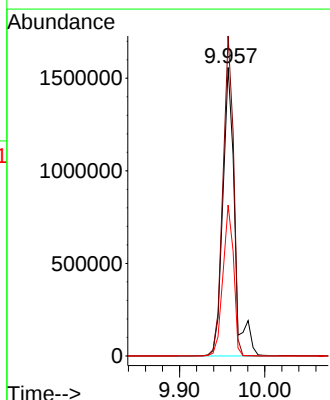
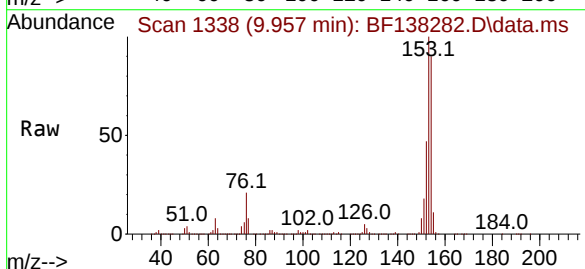
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

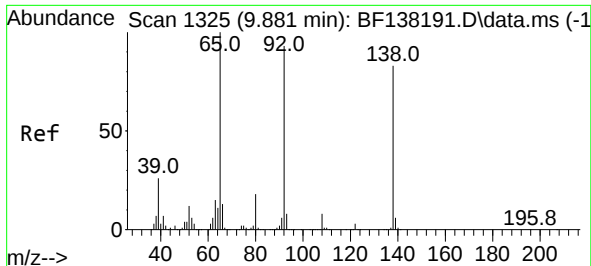
Tgt Ion:165 Resp: 413788  
Ion Ratio Lower Upper  
165 100  
63 43.3 43.7 65.5#  
89 46.6 44.9 67.3



#52  
Acenaphthene  
Concen: 45.387 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:154 Resp: 1500998  
Ion Ratio Lower Upper  
154 100  
153 110.9 89.1 133.7  
152 52.3 42.4 63.6

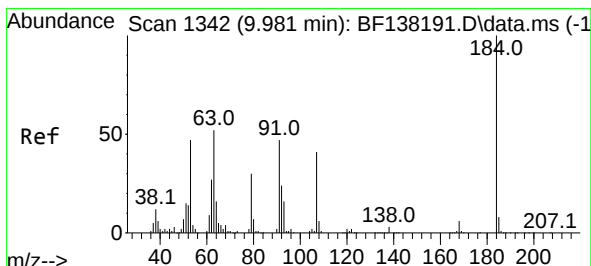
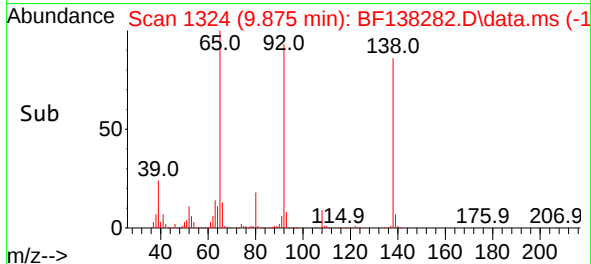
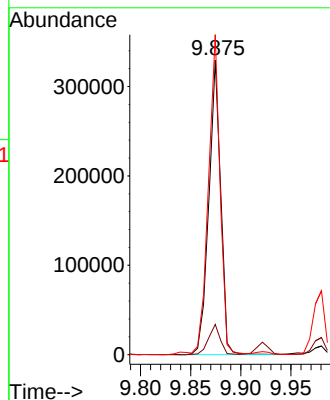
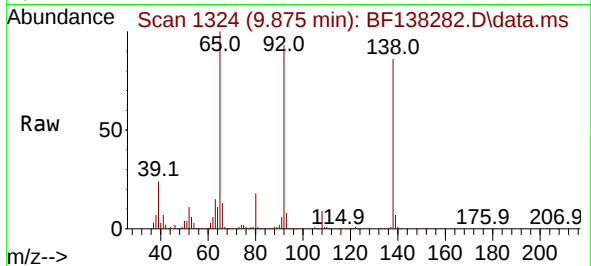




#53  
3-Nitroaniline  
Concen: 32.256 ng  
RT: 9.875 min Scan# 1325  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

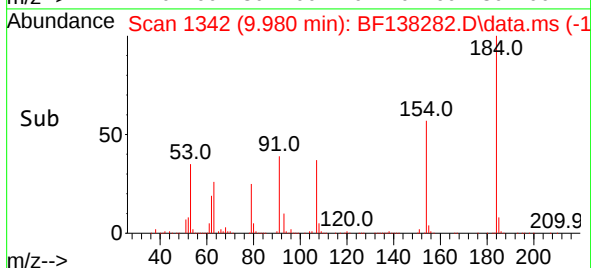
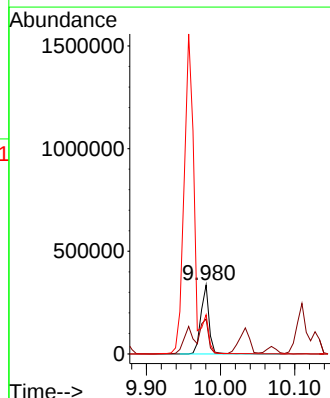
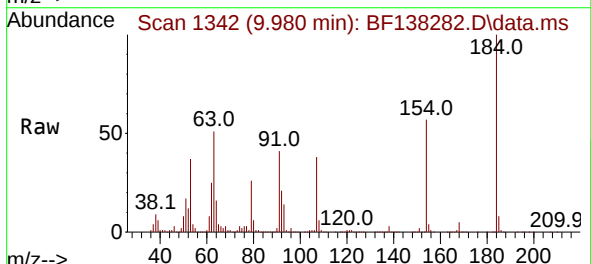
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

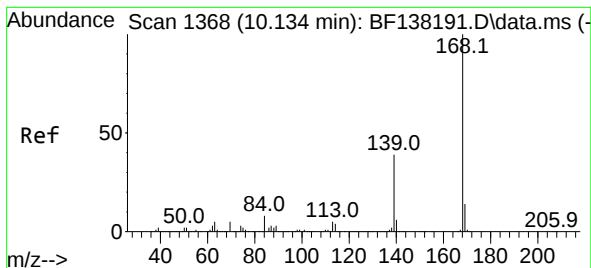
Tgt Ion:138 Resp: 273174  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.2 12.2  
92 108.6 90.0 135.0



#54  
2,4-Dinitrophenol  
Concen: 68.150 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. -0.001 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:184 Resp: 258363  
Ion Ratio Lower Upper  
184 100  
63 50.6 49.2 73.8  
154 56.8 46.7 70.1





#55

Dibenzenofuran

Concen: 44.145 ng

RT: 10.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

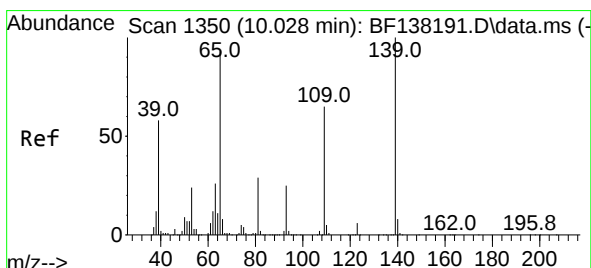
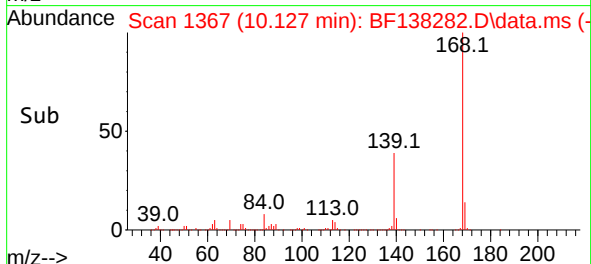
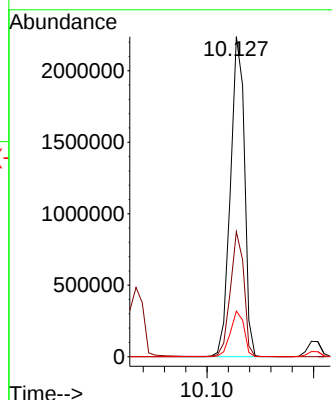
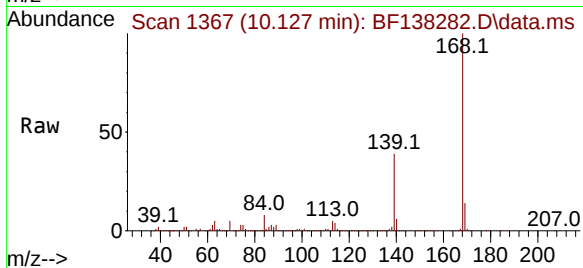
Tgt Ion:168 Resp: 2040876

Ion Ratio Lower Upper

168 100

139 39.1 31.0 46.4

169 14.2 11.4 17.0



#56

4-Nitrophenol

Concen: 75.720 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

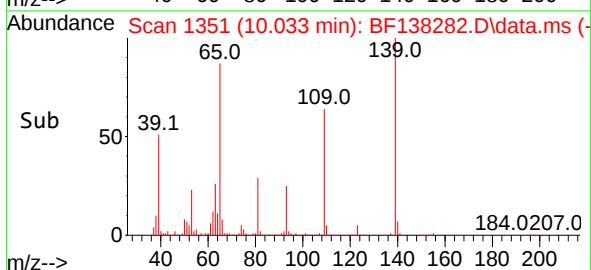
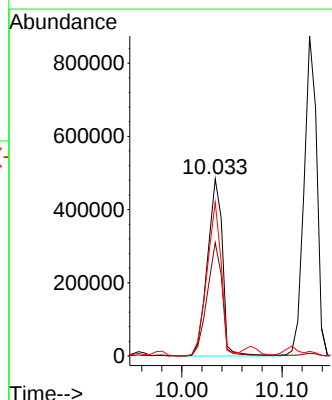
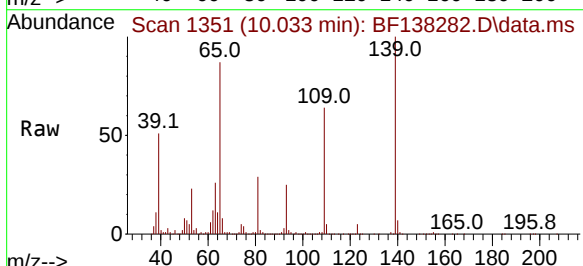
Tgt Ion:139 Resp: 506760

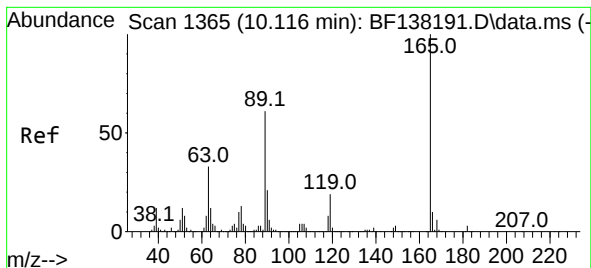
Ion Ratio Lower Upper

139 100

109 63.9 44.6 84.6

65 86.8 73.1 113.1





#57

2,4-Dinitrotoluene

Concen: 53.650 ng

RT: 10.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

Tgt Ion:165 Resp: 524572

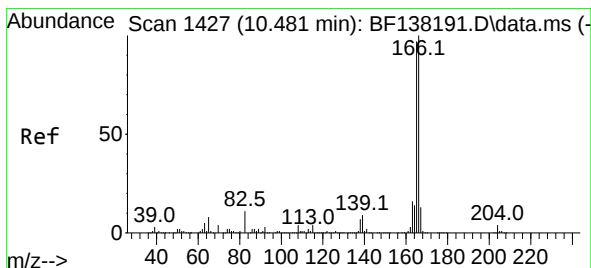
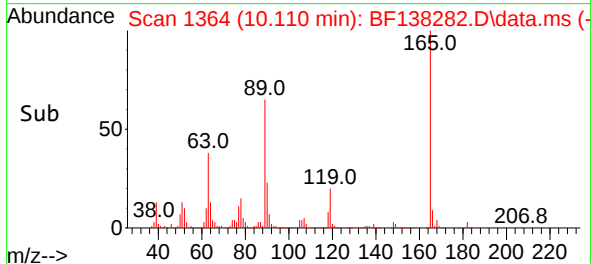
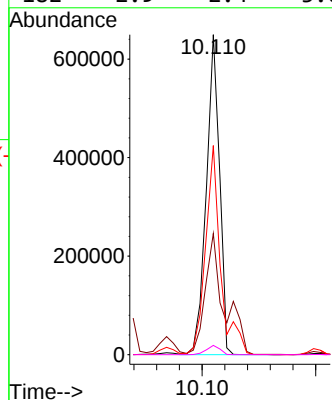
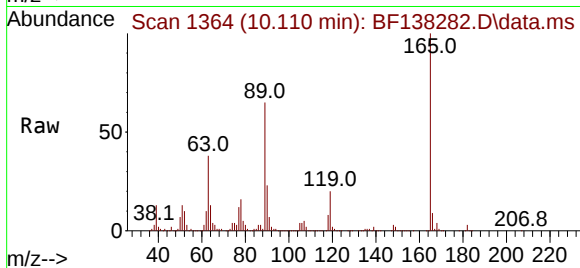
Ion Ratio Lower Upper

165 100

63 37.9 26.6 39.8

89 65.4 48.7 73.1

182 2.9 2.4 3.6



#58

Fluorene

Concen: 41.638 ng

RT: 10.474 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

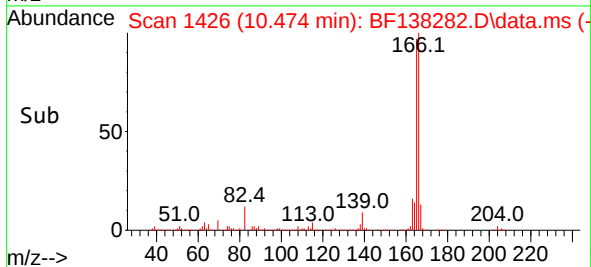
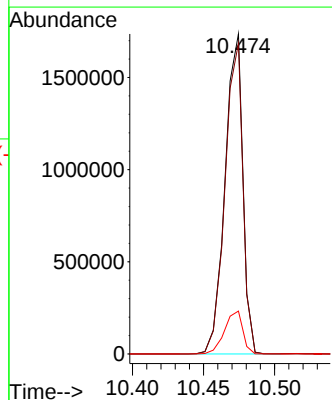
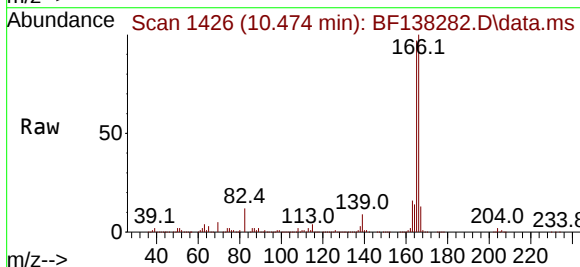
Tgt Ion:166 Resp: 1513524

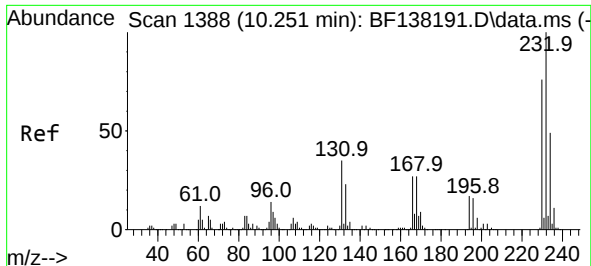
Ion Ratio Lower Upper

166 100

165 97.1 77.9 116.9

167 13.4 10.7 16.1

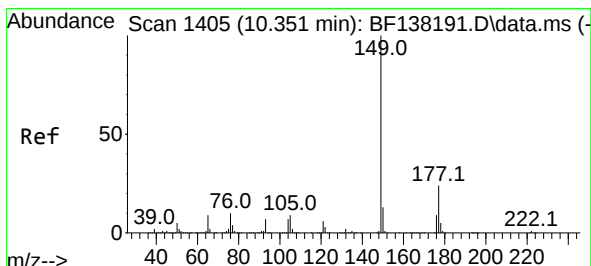
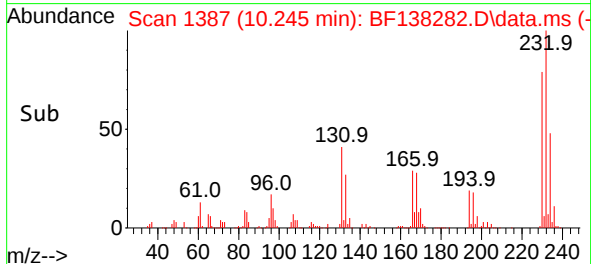
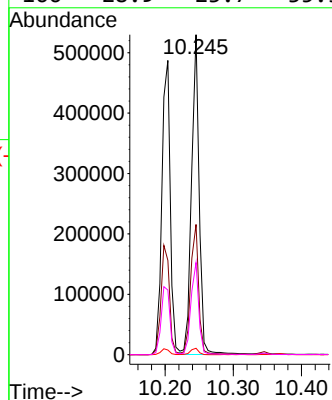
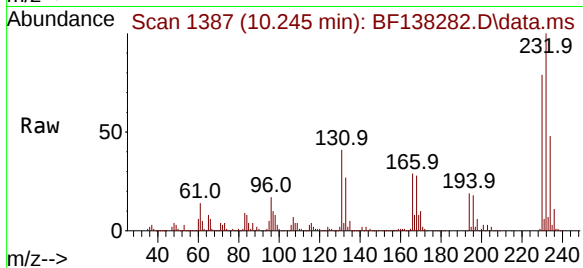




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.847 ng  
RT: 10.245 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

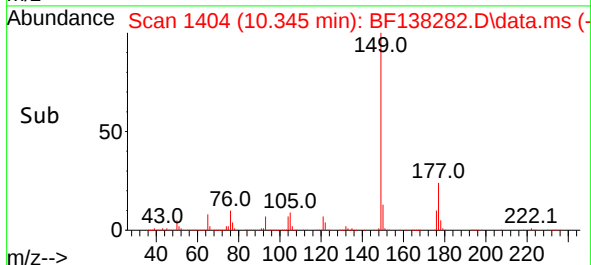
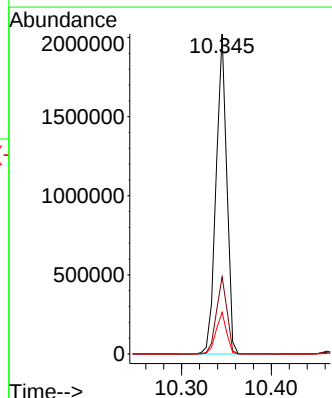
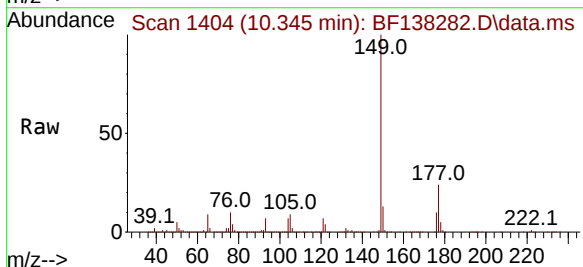
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

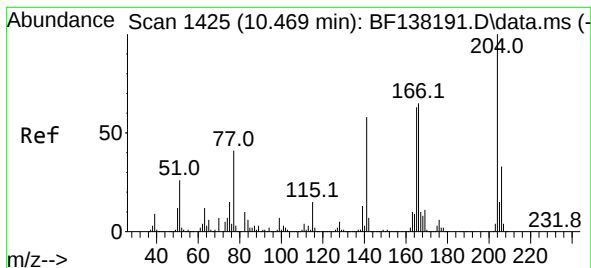
Tgt Ion:232 Resp: 410660  
Ion Ratio Lower Upper  
232 100  
131 42.4 33.6 50.4  
130 2.1 1.7 2.5  
166 28.9 23.7 35.5



#60  
Diethylphthalate  
Concen: 48.137 ng  
RT: 10.345 min Scan# 1404  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:149 Resp: 1669491  
Ion Ratio Lower Upper  
149 100  
177 24.1 19.4 29.0  
150 13.0 10.2 15.4

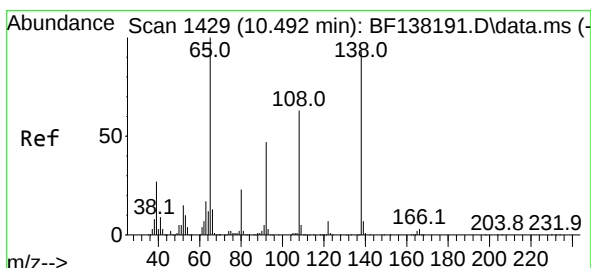
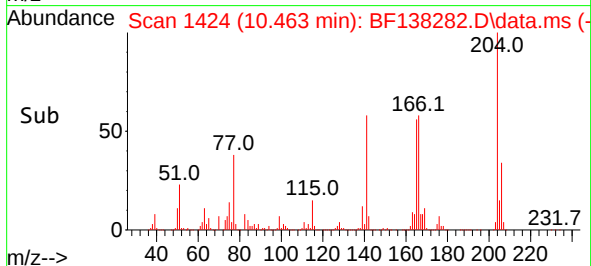
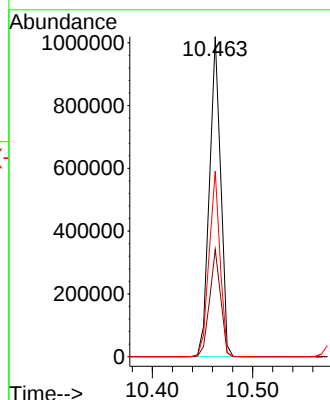
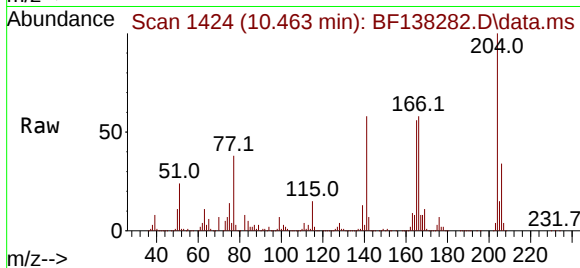




#61  
4-Chlorophenyl-phenylether  
Concen: 43.932 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

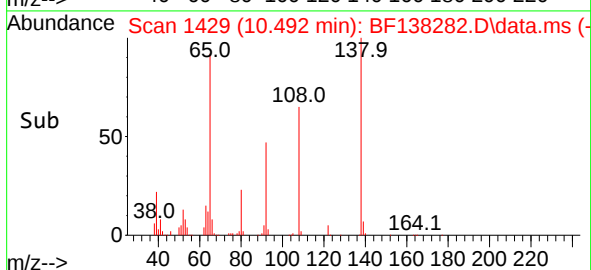
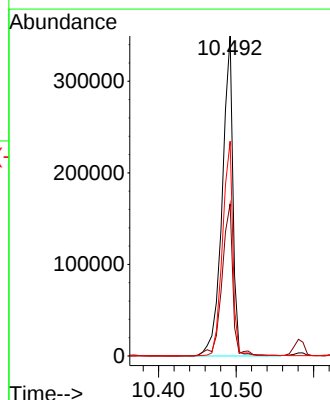
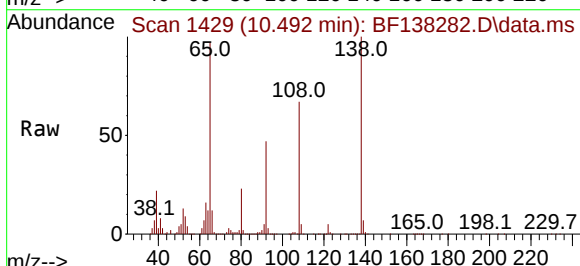
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

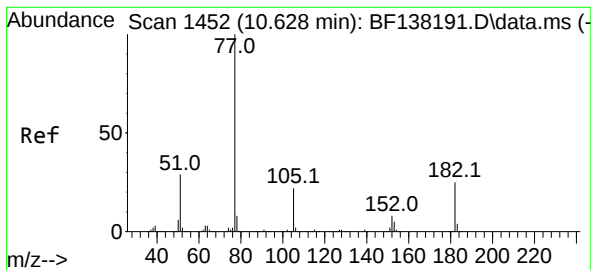
Tgt Ion:204 Resp: 795321  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.6 39.8  
141 58.0 46.3 69.5



#62  
4-Nitroaniline  
Concen: 39.873 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:138 Resp: 337384  
Ion Ratio Lower Upper  
138 100  
92 47.5 30.9 70.9  
108 67.1 47.8 87.8

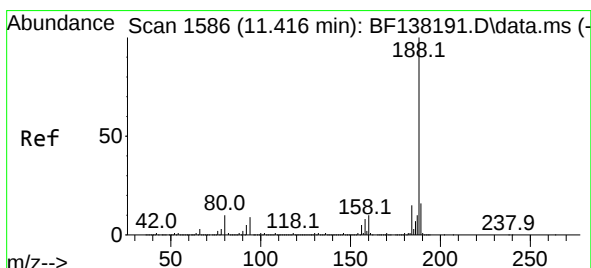
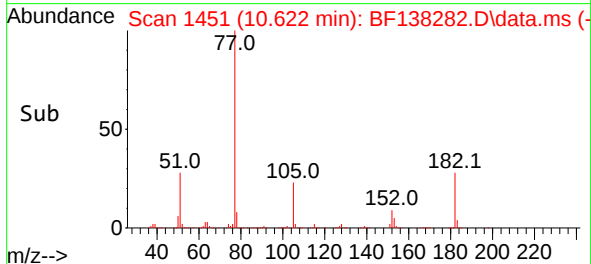
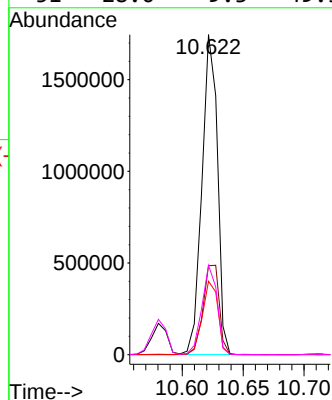
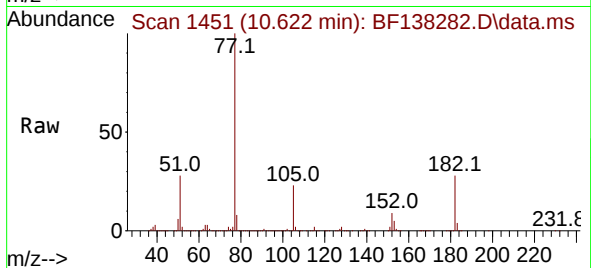




#63  
Azobenzene  
Concen: 44.307 ng  
RT: 10.622 min Scan# 1452  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

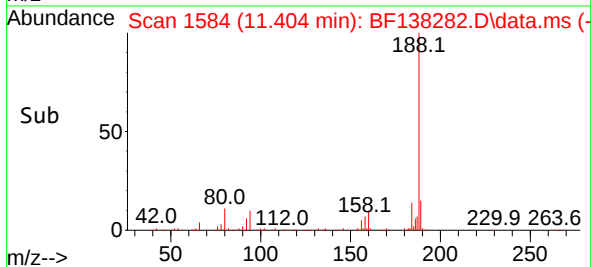
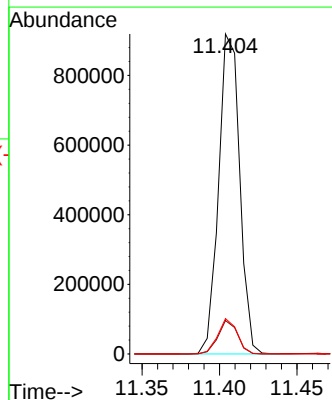
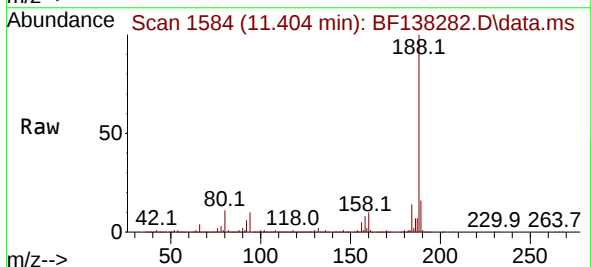
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

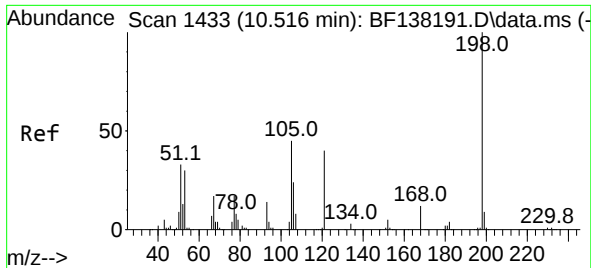
Tgt Ion: 77 Resp: 1539478  
Ion Ratio Lower Upper  
77 100  
182 27.8 5.5 45.5  
105 23.0 1.8 41.8  
51 28.0 9.3 49.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. -0.012 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion: 188 Resp: 870891  
Ion Ratio Lower Upper  
188 100  
94 10.4 7.6 11.4  
80 11.1 8.1 12.1

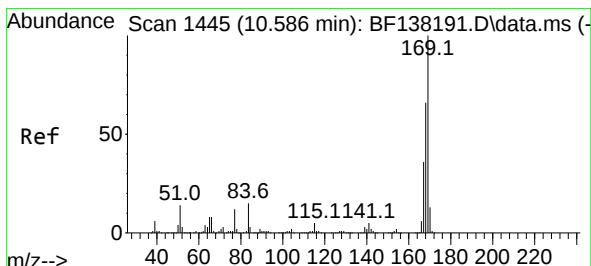
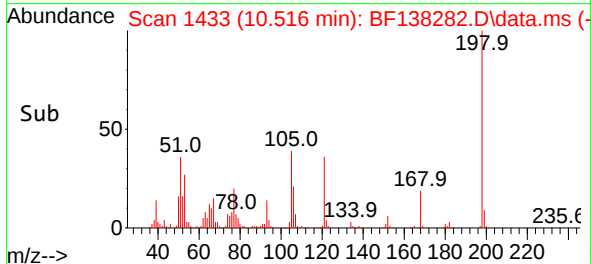
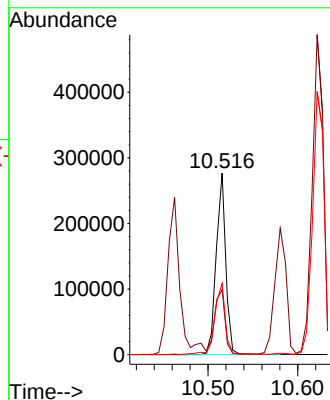
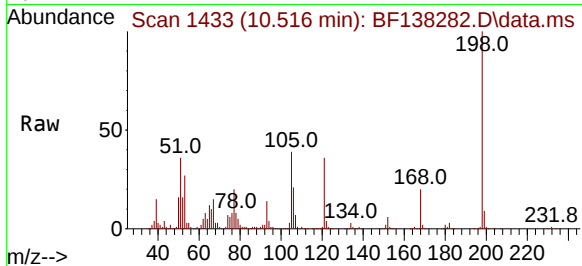




#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.531 ng  
RT: 10.516 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

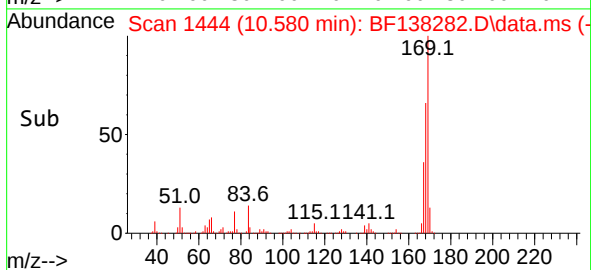
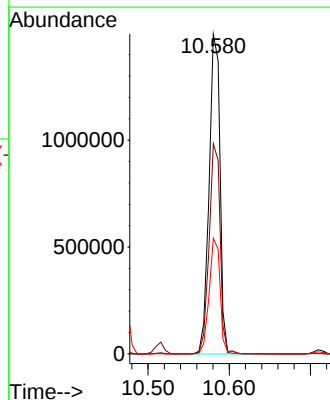
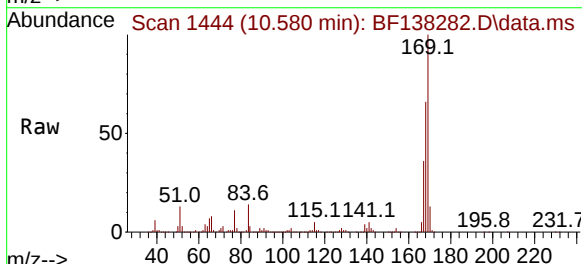
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

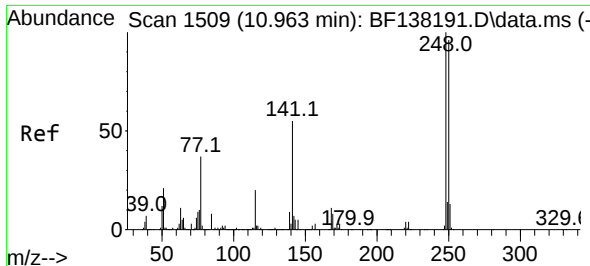
Tgt Ion:198 Resp: 205390  
Ion Ratio Lower Upper  
198 100  
51 35.7 26.9 66.9  
105 39.2 26.0 66.0



#66  
n-Nitrosodiphenylamine  
Concen: 51.954 ng  
RT: 10.580 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:169 Resp: 1385215  
Ion Ratio Lower Upper  
169 100  
168 65.7 52.9 79.3  
167 36.1 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 51.472 ng

RT: 10.951 min Scan# 1507

Delta R.T. -0.012 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

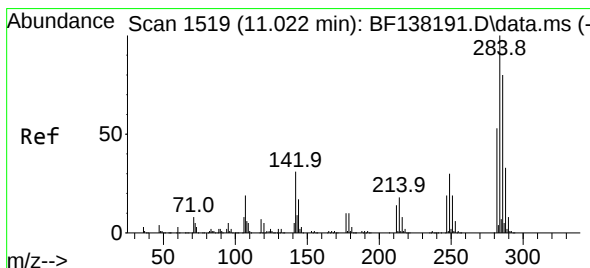
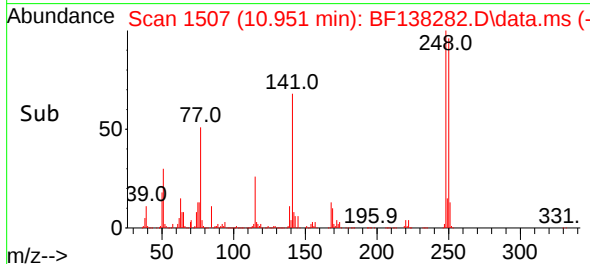
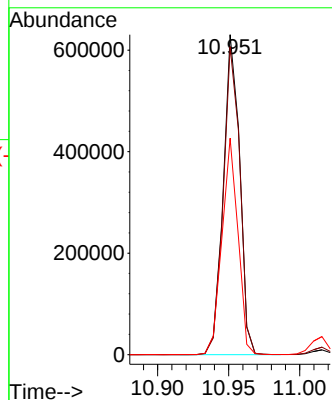
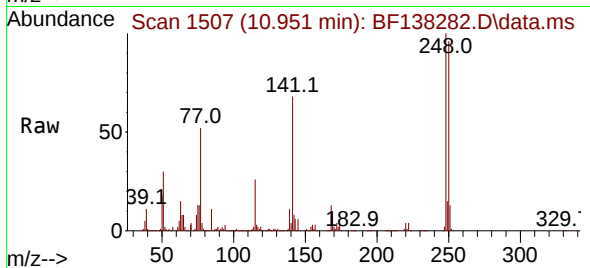
Tgt Ion:248 Resp: 505119

Ion Ratio Lower Upper

248 100

250 96.3 77.2 115.8

141 67.6 44.1 66.1#



#68

Hexachlorobenzene

Concen: 47.913 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

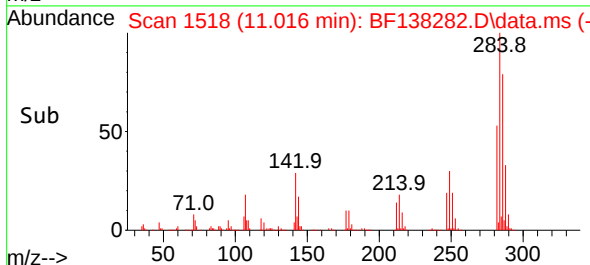
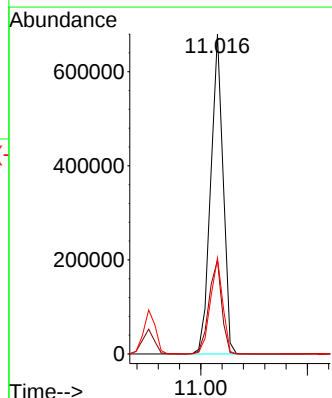
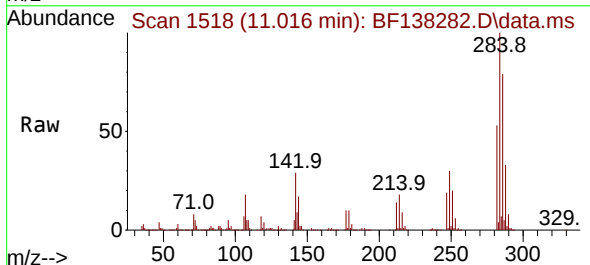
Tgt Ion:284 Resp: 548719

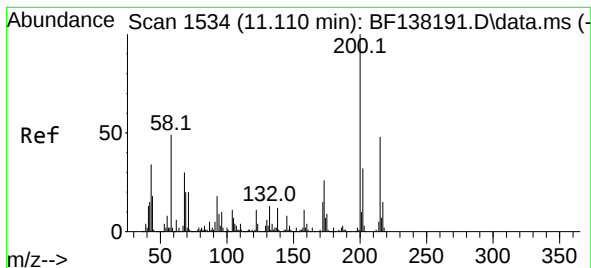
Ion Ratio Lower Upper

284 100

142 29.3 24.8 37.2

249 30.0 23.8 35.6





#69

Atrazine

Concen: 54.211 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

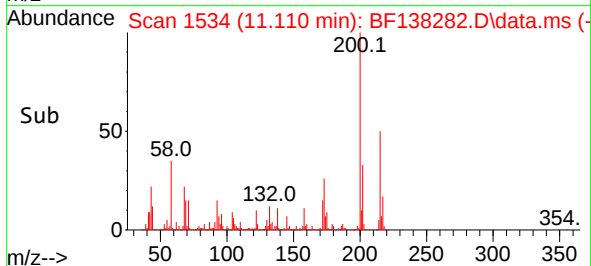
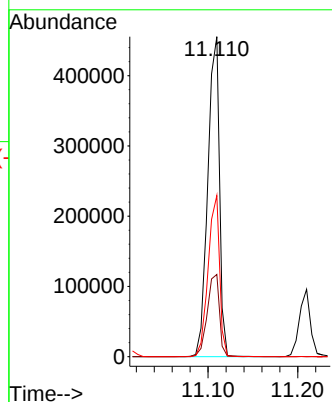
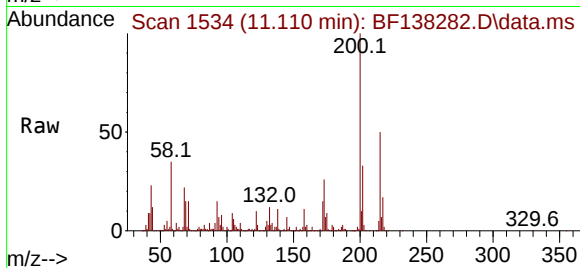
Tgt Ion:200 Resp: 411692

Ion Ratio Lower Upper

200 100

173 25.7 6.3 46.3

215 50.3 28.0 68.0



#70

Pentachlorophenol

Concen: 74.335 ng

RT: 11.210 min Scan# 1551

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

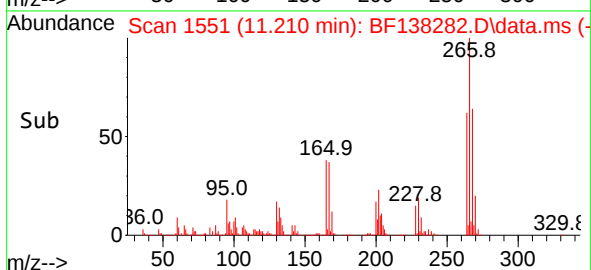
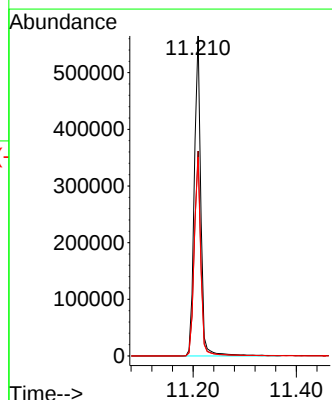
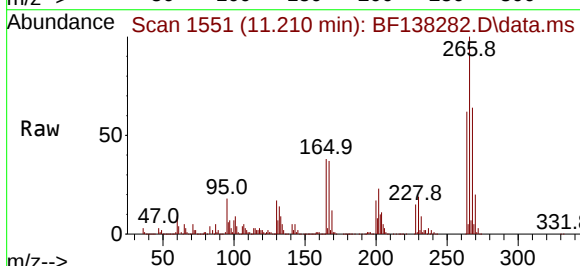
Tgt Ion:266 Resp: 496489

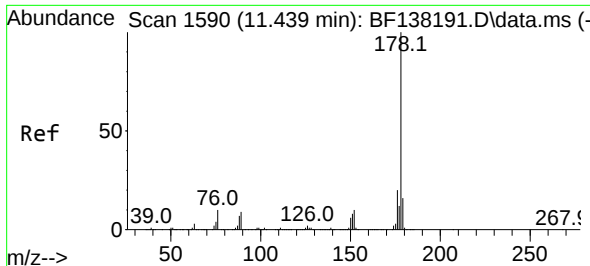
Ion Ratio Lower Upper

266 100

268 64.0 49.5 74.3

264 62.2 49.2 73.8

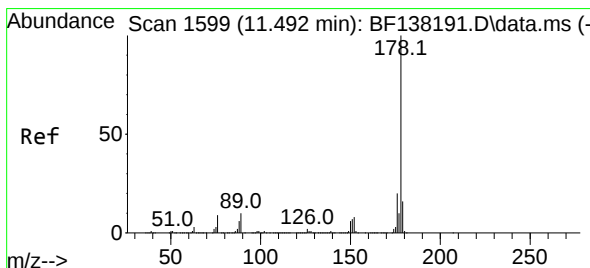
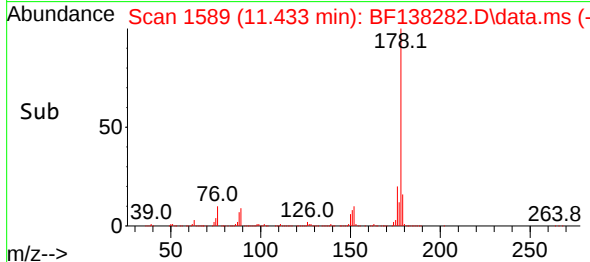
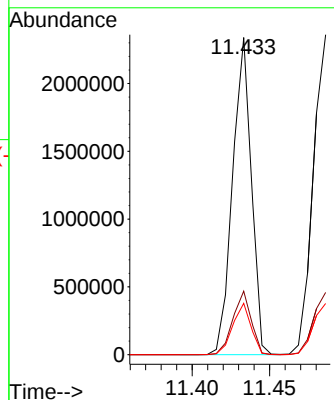
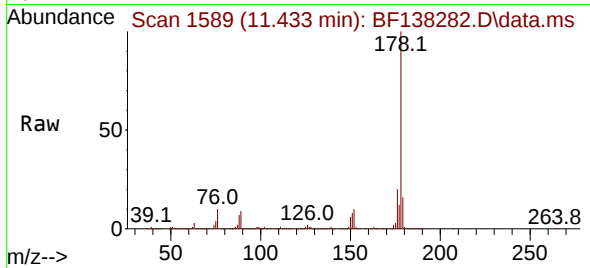




#71  
Phenanthrene  
Concen: 45.729 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

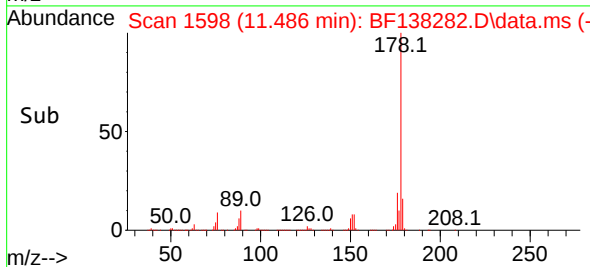
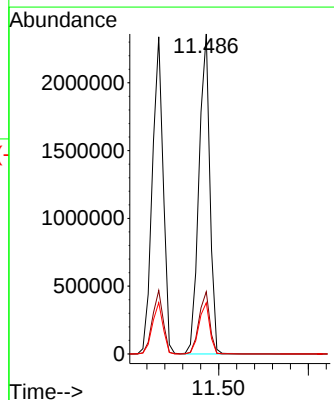
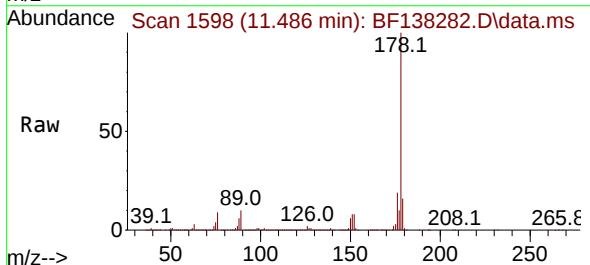
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

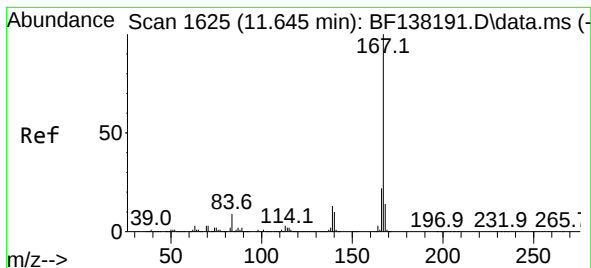
Tgt Ion:178 Resp: 1969490  
Ion Ratio Lower Upper  
178 100  
176 20.0 16.4 24.6  
179 16.2 13.1 19.7



#72  
Anthracene  
Concen: 46.523 ng  
RT: 11.486 min Scan# 1598  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:178 Resp: 1989359  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.7 23.5  
179 16.0 13.0 19.6





#73

Carbazole

Concen: 41.540 ng

RT: 11.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

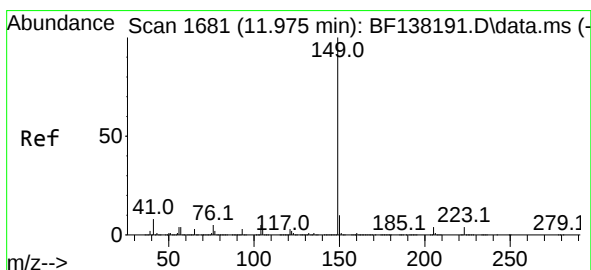
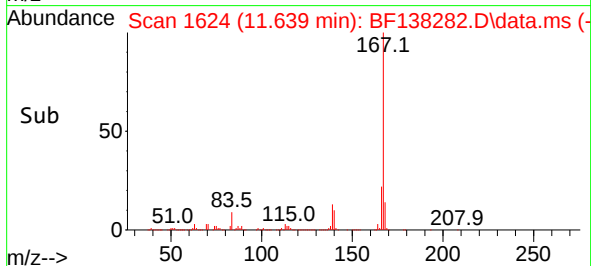
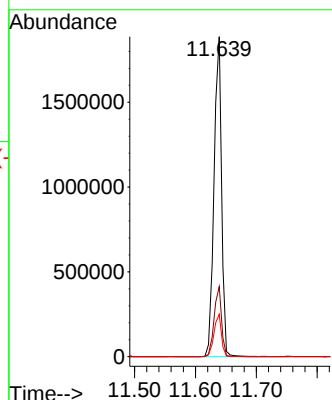
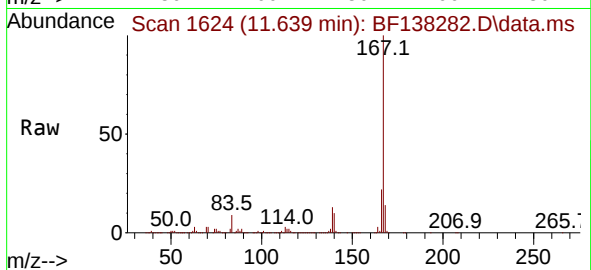
Tgt Ion:167 Resp: 1629211

Ion Ratio Lower Upper

167 100

166 21.9 18.0 27.0

139 13.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 52.288 ng

RT: 11.969 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

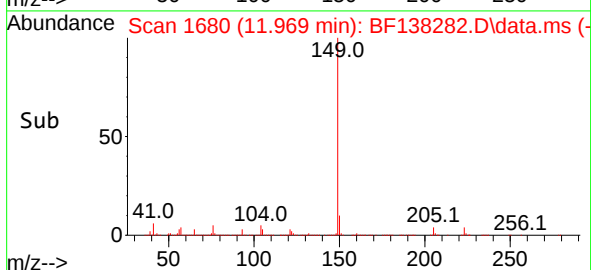
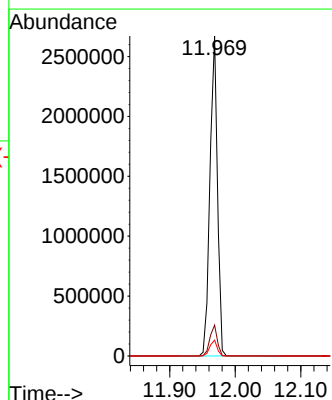
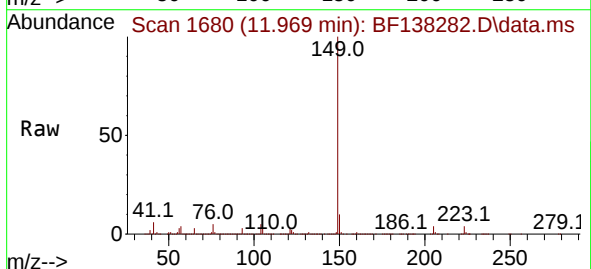
Tgt Ion:149 Resp: 2123006

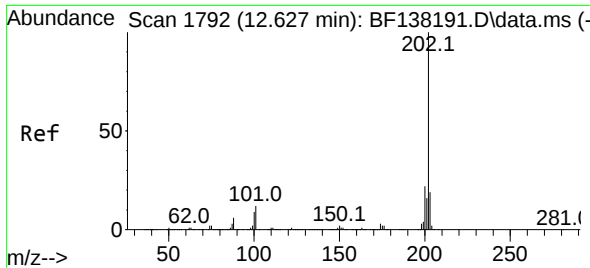
Ion Ratio Lower Upper

149 100

150 9.7 8.2 12.2

104 4.9 4.1 6.1

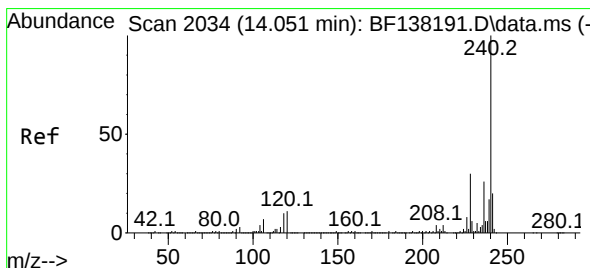
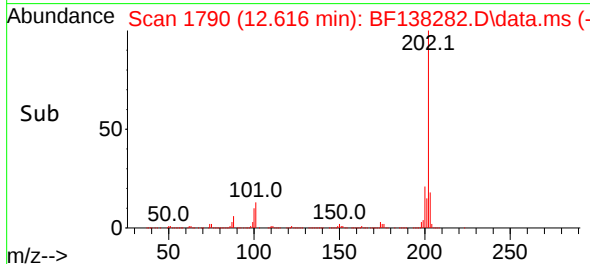
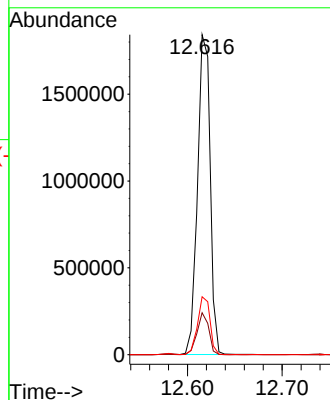
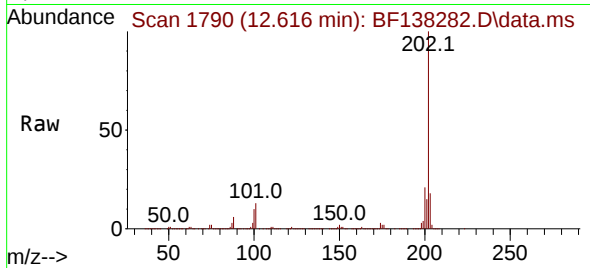




#75  
Fluoranthene  
Concen: 39.026 ng  
RT: 12.616 min Scan# 1792  
Delta R.T. -0.012 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

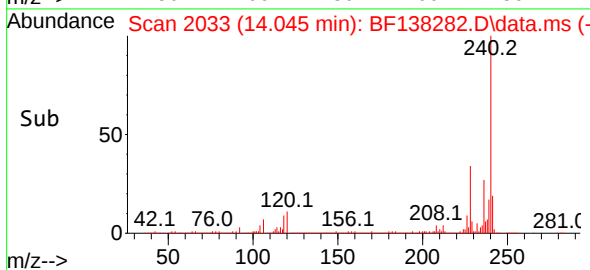
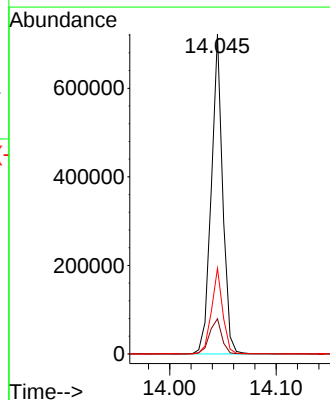
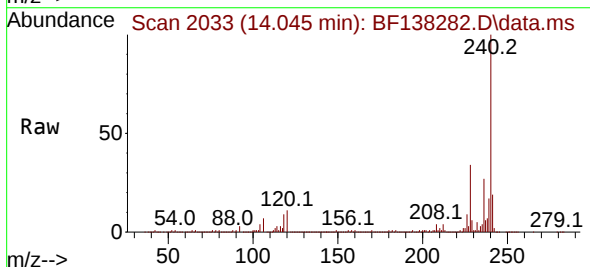
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

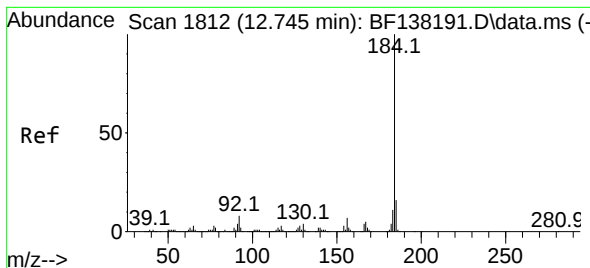
Tgt Ion:202 Resp: 1713942  
Ion Ratio Lower Upper  
202 100  
101 13.1 0.0 31.8  
203 18.1 0.0 38.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:240 Resp: 537295  
Ion Ratio Lower Upper  
240 100  
120 11.0 9.2 13.8  
236 26.8 21.0 31.6





#77

Benzidine

Concen: 75.707 ng

RT: 12.739 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

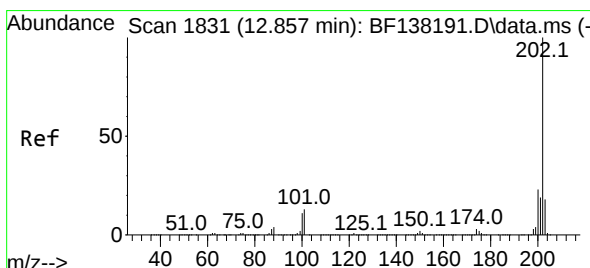
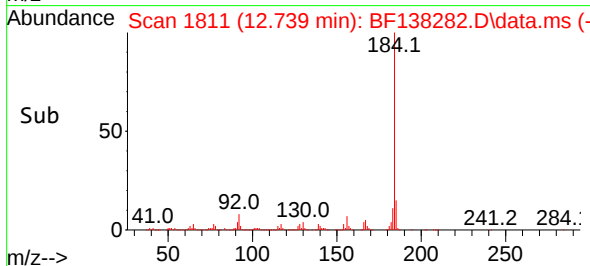
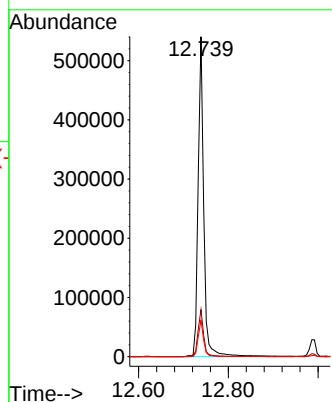
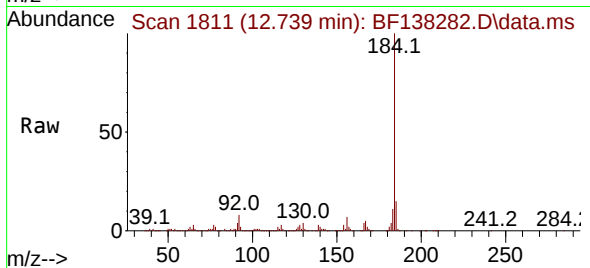
Tgt Ion:184 Resp: 470501

Ion Ratio Lower Upper

184 100

185 14.7 12.6 19.0

183 11.3 9.0 13.6



#78

Pyrene

Concen: 37.622 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.012 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

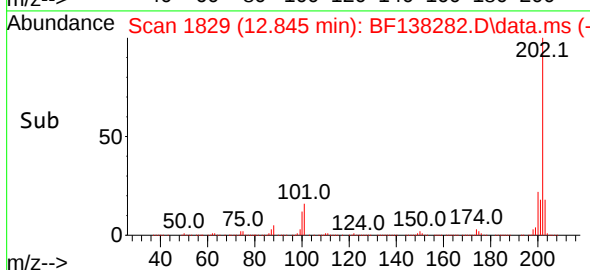
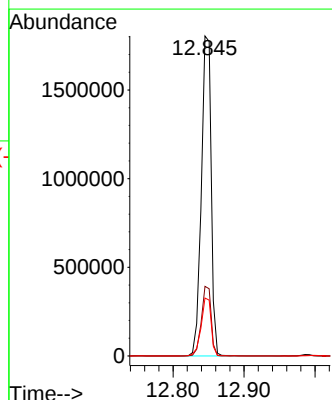
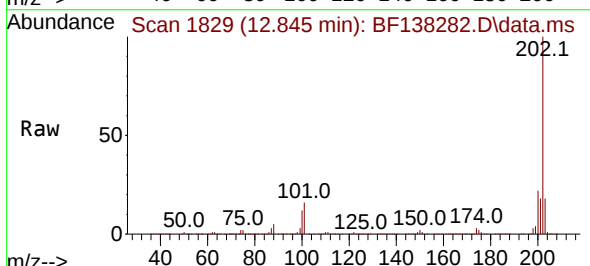
Tgt Ion:202 Resp: 1743607

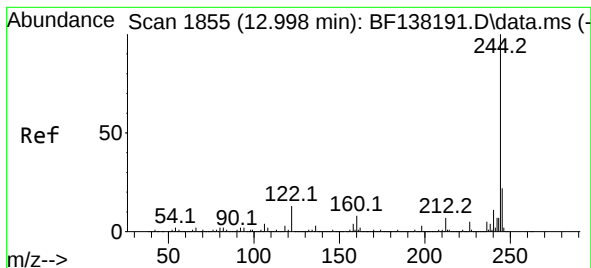
Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

203 18.1 14.7 22.1





#79

Terphenyl-d14

Concen: 63.383 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

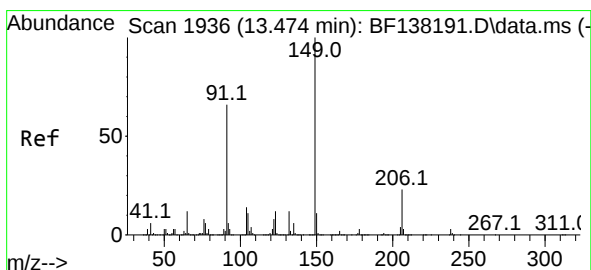
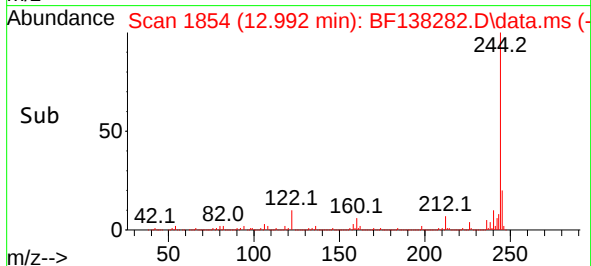
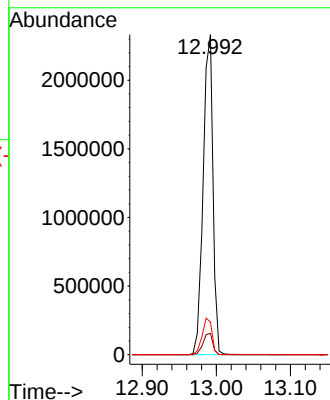
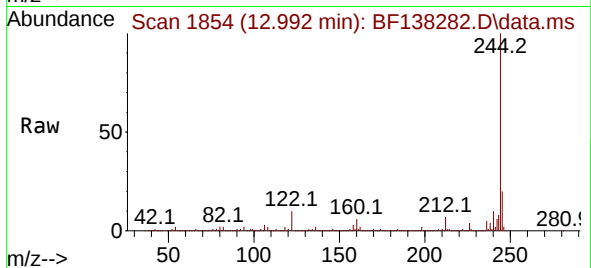
Tgt Ion:244 Resp: 2150204

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 10.2 10.6 15.8#



#80

Butylbenzylphthalate

Concen: 57.505 ng

RT: 13.468 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

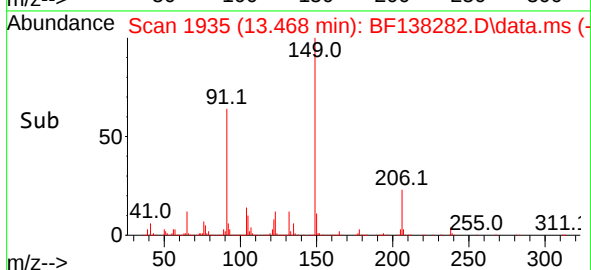
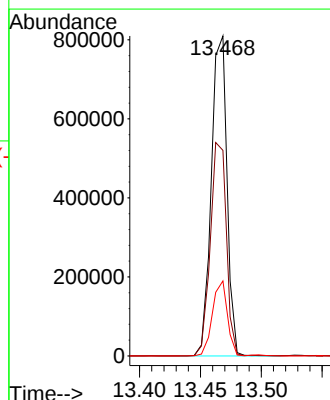
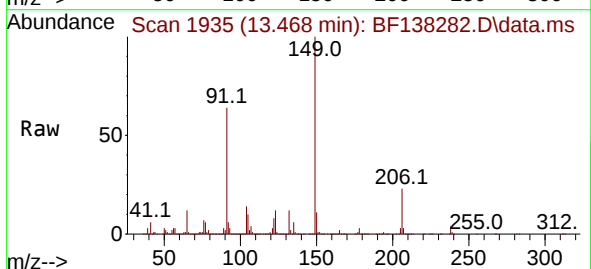
Tgt Ion:149 Resp: 724920

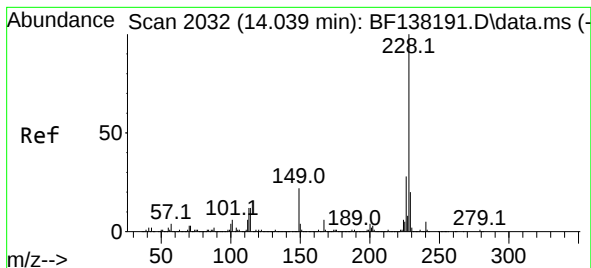
Ion Ratio Lower Upper

149 100

91 64.2 53.2 79.8

206 23.5 18.6 27.8





#81

Benzo(a)anthracene

Concen: 47.302 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

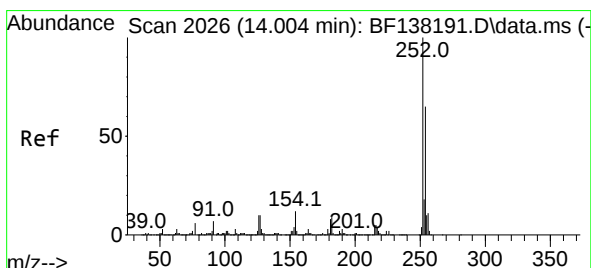
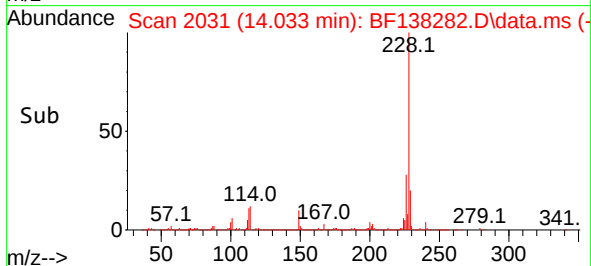
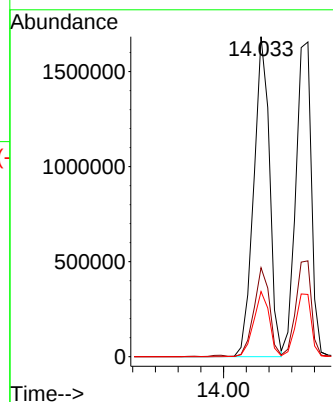
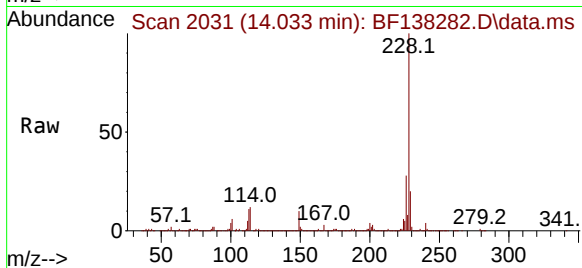
Tgt Ion:228 Resp: 1630512

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

229 20.4 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 40.961 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

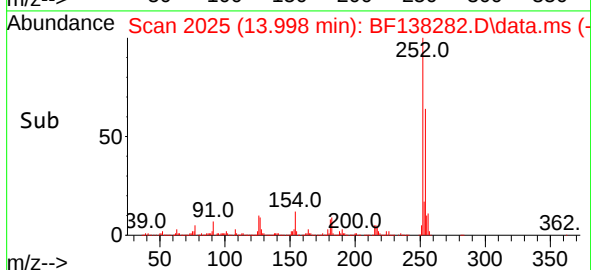
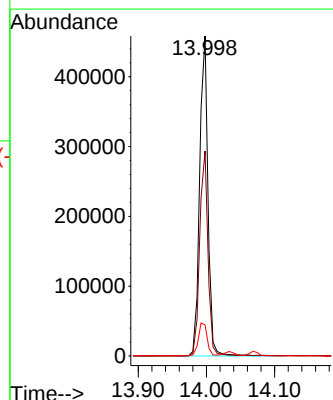
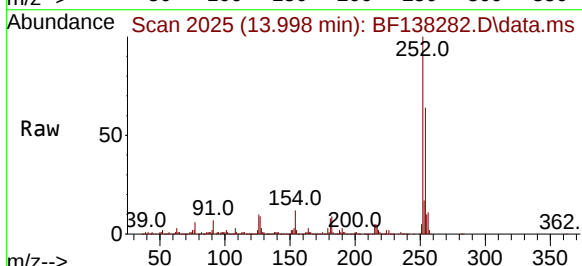
Tgt Ion:252 Resp: 388816

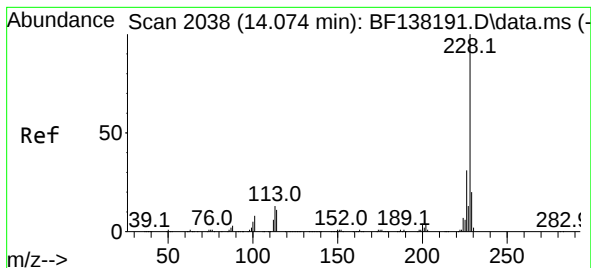
Ion Ratio Lower Upper

252 100

254 64.1 51.8 77.6

126 9.7 8.3 12.5





#83

Chrysene

Concen: 47.997 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

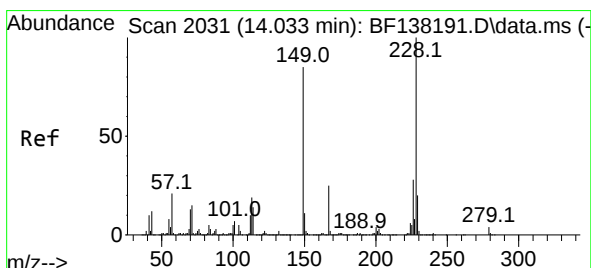
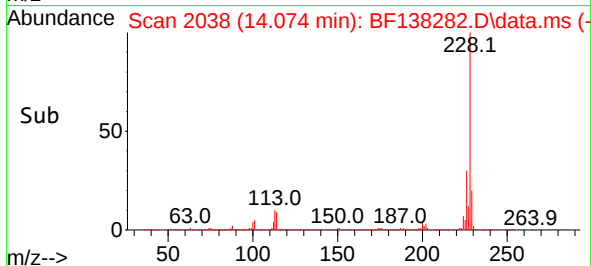
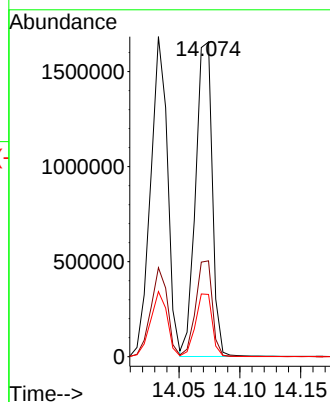
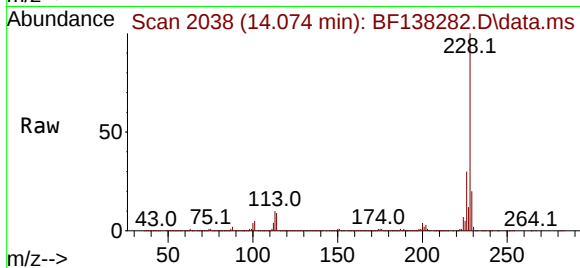
Tgt Ion:228 Resp: 1576995

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 19.8 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.458 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.012 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

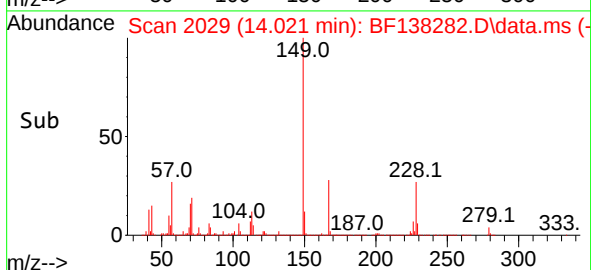
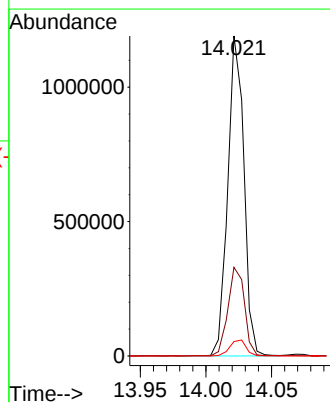
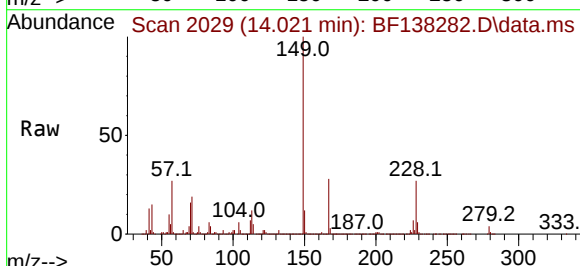
Tgt Ion:149 Resp: 1018380

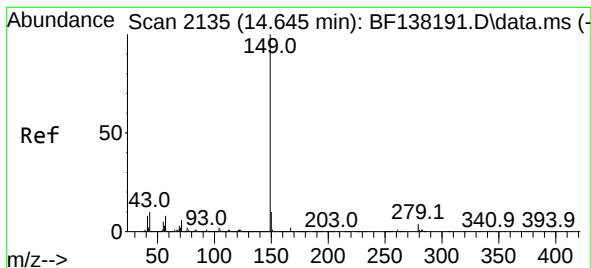
Ion Ratio Lower Upper

149 100

167 27.7 23.5 35.3

279 4.5 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 86.436 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMPMS

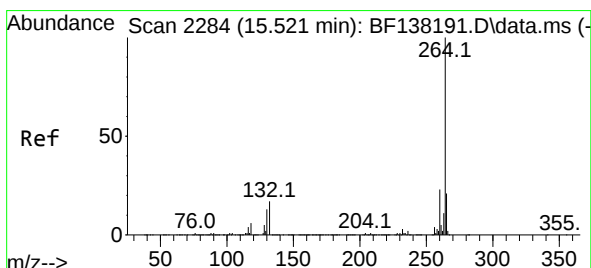
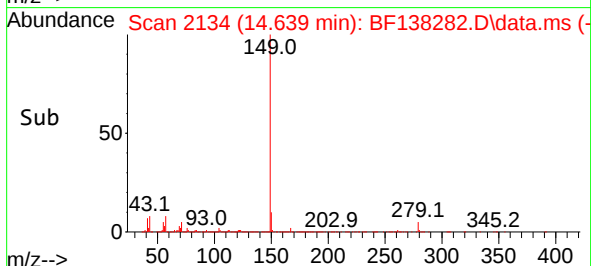
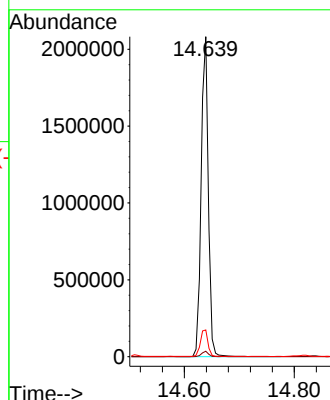
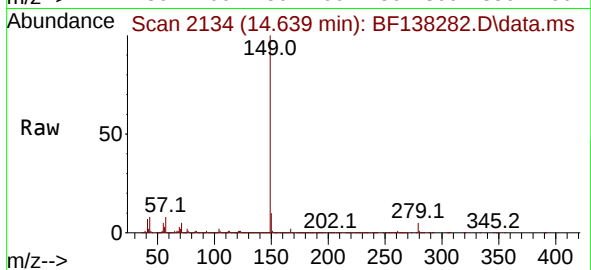
Tgt Ion:149 Resp: 1882718

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

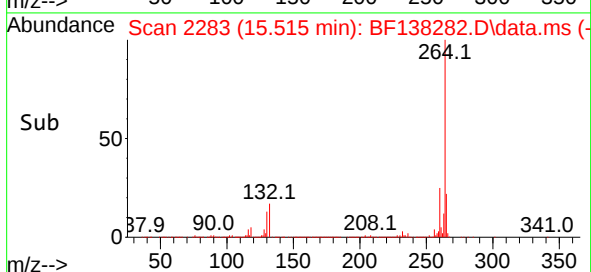
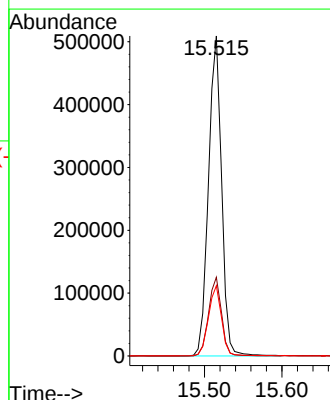
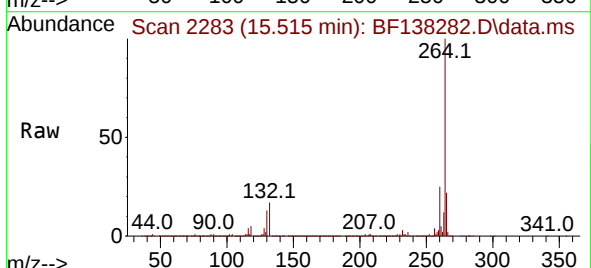
Tgt Ion:264 Resp: 598069

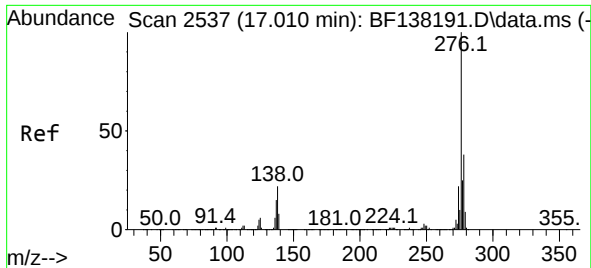
Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 22.0 17.0 25.6

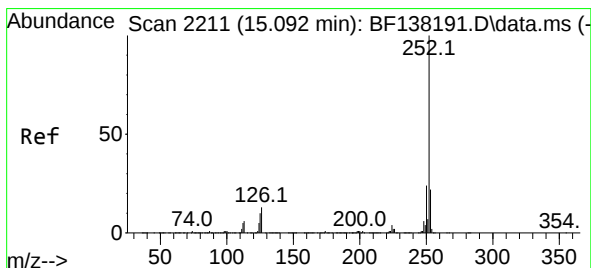
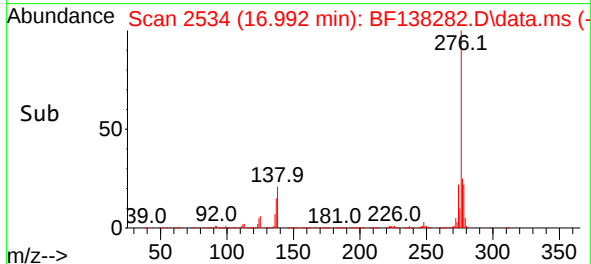
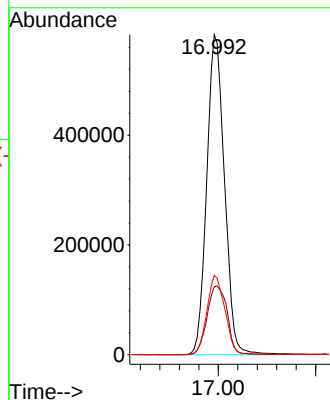
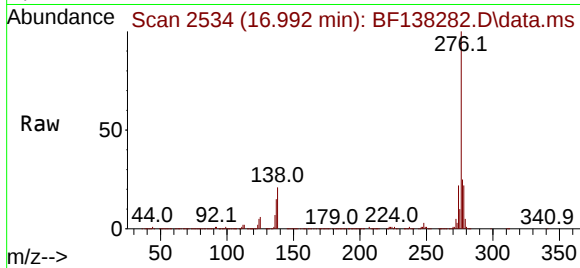




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 37.713 ng  
 RT: 16.992 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BF138282.D  
 Acq: 21 Jun 2024 13:25

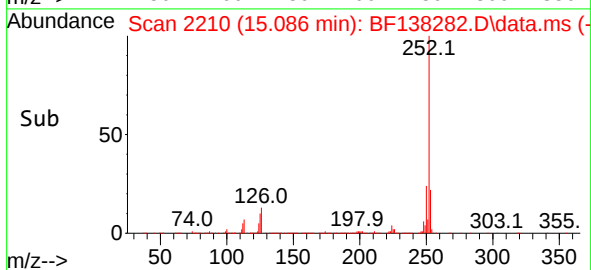
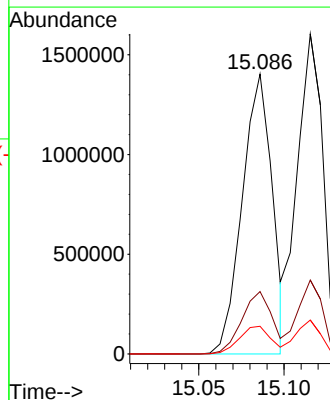
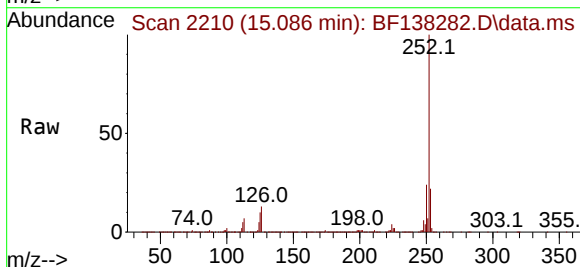
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-K-COMPMS

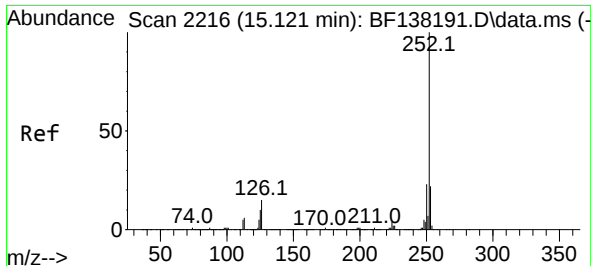
Tgt Ion:276 Resp: 1470379  
 Ion Ratio Lower Upper  
 276 100  
 138 24.4 19.3 28.9  
 277 25.3 20.2 30.2



#88  
 Benzo(b)fluoranthene  
 Concen: 48.778 ng  
 RT: 15.086 min Scan# 2210  
 Delta R.T. -0.006 min  
 Lab File: BF138282.D  
 Acq: 21 Jun 2024 13:25

Tgt Ion:252 Resp: 1720354  
 Ion Ratio Lower Upper  
 252 100  
 253 22.3 17.7 26.5  
 125 9.9 7.8 11.8

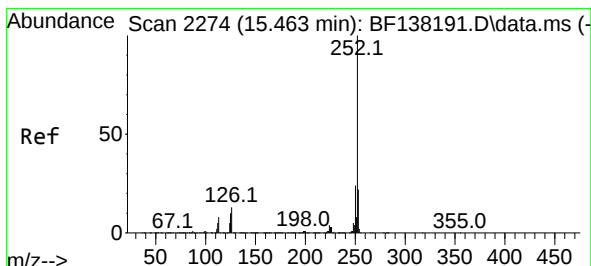
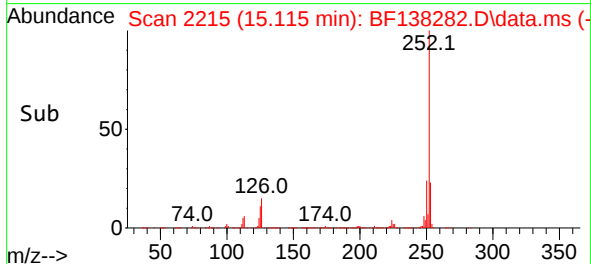
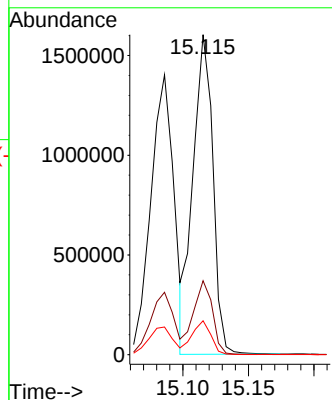
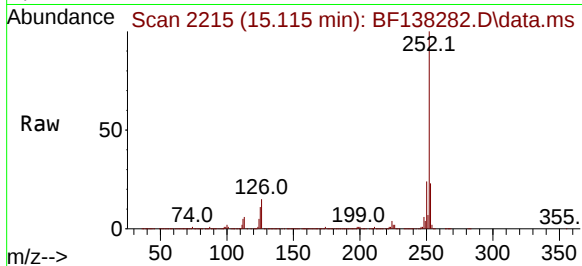




#89  
Benzo(k)fluoranthene  
Concen: 48.940 ng  
RT: 15.115 min Scan# 2215  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

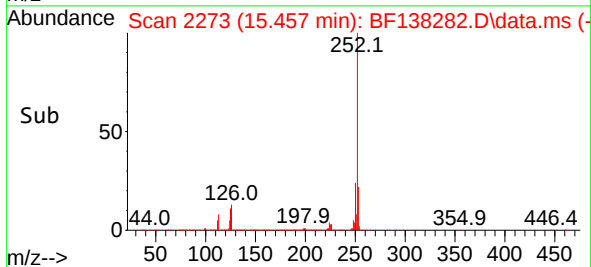
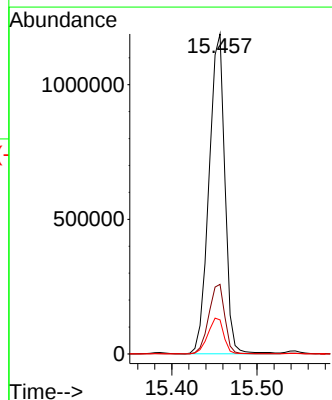
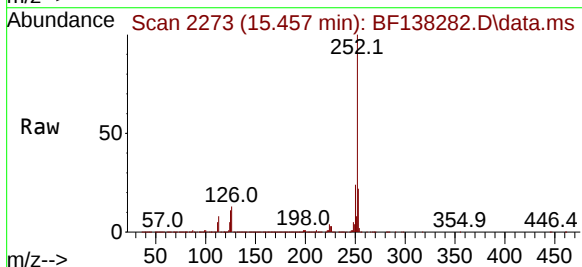
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

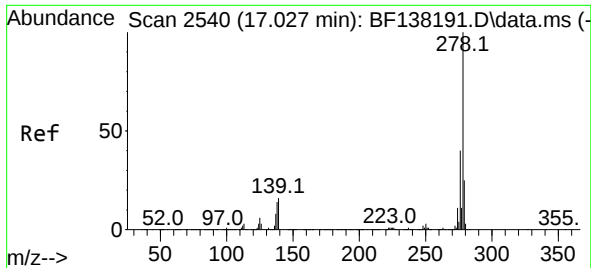
Tgt Ion:252 Resp: 1691599  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.8 26.8  
125 10.6 8.0 12.0



#90  
Benzo(a)pyrene  
Concen: 50.759 ng  
RT: 15.457 min Scan# 2273  
Delta R.T. -0.006 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:252 Resp: 1537975  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.7 26.5  
125 10.7 8.2 12.2



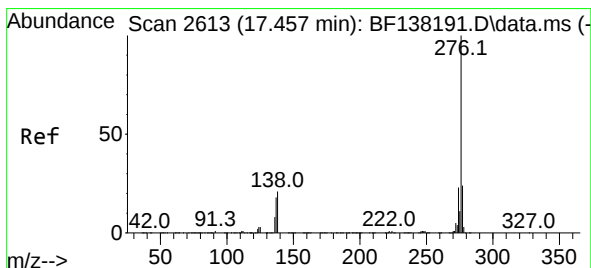
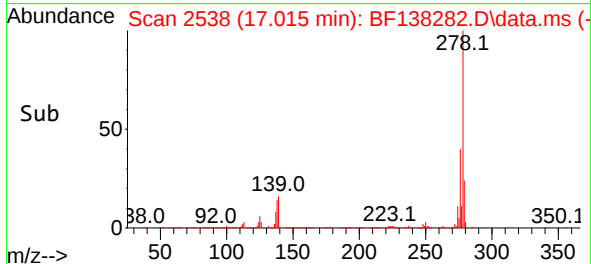
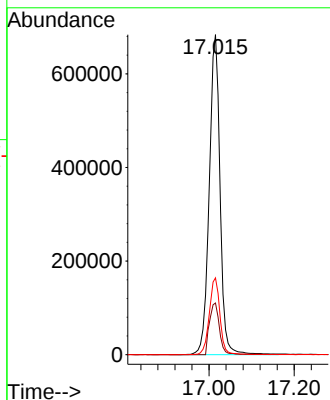
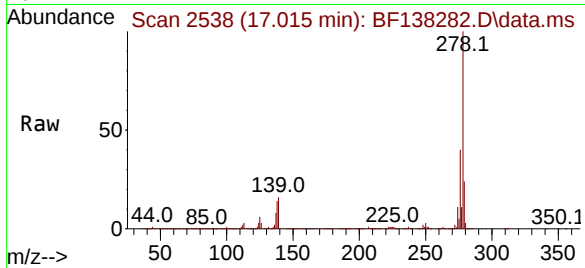


#91  
Dibenzo(a,h)anthracene  
Concen: 37.599 ng  
RT: 17.015 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMPMS

Tgt Ion:278 Resp: 1203227  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 16.2  | 12.9  | 19.3  |
| 279 | 24.0  | 19.9  | 29.9  |



#92  
Benzo(g,h,i)perylene  
Concen: 32.313 ng  
RT: 17.439 min Scan# 2610  
Delta R.T. -0.018 min  
Lab File: BF138282.D  
Acq: 21 Jun 2024 13:25

Tgt Ion:276 Resp: 1069758  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.6  | 19.5  | 29.3  |
| 138 | 20.9  | 16.6  | 24.8  |

