

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072324\  
 Data File : BF138630.D  
 Acq On : 23 Jul 2024 21:09  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Jul 24 01:17:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 09 16:58:40 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 96358    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.139  | 136  | 371938   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.892  | 164  | 184908   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.375 | 188  | 245998   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 14.010 | 240  | 160441   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12              | 15.468 | 264  | 134497   | 20.000 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 493043   | 81.037 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.498  | 99   | 665143   | 82.180 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 625011   | 82.505 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.681 | 330  | 120258   | 69.588 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 995367   | 84.132 | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.951 | 244  | 576165   | 58.504 | ng    | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.622  | 88   | 110552   | 41.027 | ng    | 96       |
| 3) Pyridine                   | 3.375  | 79   | 280515   | 42.213 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.340  | 42   | 169238   | 39.123 | ng    | 92       |
| 6) Aniline                    | 6.522  | 93   | 301408   | 39.759 | ng    | # 69     |
| 8) 2-Chlorophenol             | 6.645  | 128  | 257696   | 40.056 | ng    | 96       |
| 9) Benzaldehyde               | 6.410  | 77   | 199147   | 45.969 | ng    | 97       |
| 10) Phenol                    | 6.510  | 94   | 345395   | 40.204 | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 6.598  | 93   | 262466   | 40.578 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.798  | 146  | 284015   | 39.275 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.875  | 146  | 290074   | 39.502 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.028  | 146  | 267622   | 39.130 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.998  | 79   | 248090   | 40.844 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.128  | 45   | 462221   | 36.338 | ng    | 77       |
| 17) 2-Methylphenol            | 7.116  | 107  | 217293   | 41.212 | ng    | 96       |
| 18) Hexachloroethane          | 7.363  | 117  | 106762   | 39.547 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.275  | 70   | 196568   | 39.305 | ng    | 93       |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 270288   | 40.709 | ng    | 96       |
| 22) Acetophenone              | 7.269  | 105  | 367331   | 40.664 | ng    | 98       |
| 24) Nitrobenzene              | 7.445  | 77   | 314090   | 40.800 | ng    | 97       |
| 25) Isophorone                | 7.681  | 82   | 530628   | 40.788 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.757  | 139  | 138210   | 41.888 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.792  | 122  | 164882   | 40.658 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.887  | 93   | 320117   | 41.173 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 7.998  | 162  | 208100   | 39.516 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.081  | 180  | 233037   | 37.986 | ng    | 99       |
| 31) Naphthalene               | 8.163  | 128  | 770014   | 39.807 | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 140527   | 36.332 | ng    | 95       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 249157   | 36.710 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.275  | 225  | 142980   | 37.848 | ng    | 100      |
| 35) Caprolactam               | 8.592  | 113  | 67021    | 39.440 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.692  | 107  | 231561   | 39.277 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.851  | 142  | 478771   | 38.461 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 466597   | 38.407 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.016  | 216  | 214519   | 41.626 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.998  | 237  | 41351    | 24.721 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.128  | 196  | 132724   | 40.375 | ng    | 99       |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

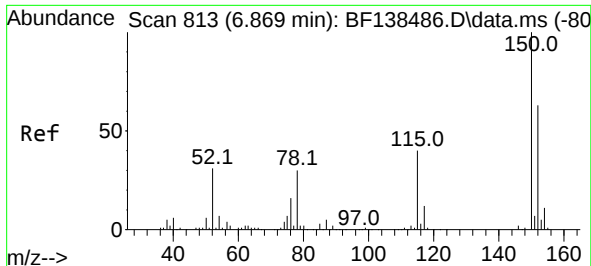
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Jul 24 01:17:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 09 16:58:40 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.175  | 196  | 142088   | 39.298 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 9.316  | 154  | 596755   | 42.585 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.339  | 162  | 432409   | 40.846 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.434  | 65   | 159279   | 43.418 | ng    | 92       |
| 49) Acenaphthylene            | 9.751  | 152  | 607458   | 40.416 | ng    | 100      |
| 50) Dimethylphthalate         | 9.616  | 163  | 508502   | 42.529 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.681  | 165  | 113120   | 41.090 | ng    | 90       |
| 52) Acenaphthene              | 9.928  | 154  | 422003   | 42.239 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.845  | 138  | 107667   | 38.158 | ng    | 87       |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 32782    | 25.561 | ng    | 93       |
| 55) Dibenzofuran              | 10.098 | 168  | 568069   | 39.201 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.010 | 139  | 63990    | 30.736 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.081 | 165  | 136836   | 38.416 | ng    | 96       |
| 58) Fluorene                  | 10.439 | 166  | 435758   | 38.003 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.216 | 232  | 99968    | 35.033 | ng    | 98       |
| 60) Diethylphthalate          | 10.310 | 149  | 481052   | 41.734 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.428 | 204  | 220573   | 38.309 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.457 | 138  | 98756    | 34.928 | ng    | 100      |
| 63) Azobenzene                | 10.586 | 77   | 487656   | 39.351 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198  | 54263    | 38.202 | ng    | 78       |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 367383   | 49.847 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 119999   | 47.460 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.980 | 284  | 123900   | 44.110 | ng    | 98       |
| 69) Atrazine                  | 11.069 | 200  | 80845    | 33.085 | ng    | 98       |
| 70) Pentachlorophenol         | 11.180 | 266  | 56847    | 34.202 | ng    | 97       |
| 71) Phenanthrene              | 11.398 | 178  | 503749   | 40.533 | ng    | 99       |
| 72) Anthracene                | 11.451 | 178  | 495493   | 40.164 | ng    | 100      |
| 73) Carbazole                 | 11.604 | 167  | 412192   | 37.179 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 583714   | 45.676 | ng    | 99       |
| 75) Fluoranthene              | 12.586 | 202  | 432755   | 34.125 | ng    | 99       |
| 77) Benzidine                 | 12.710 | 184  | 130652   | 32.276 | ng    | 99       |
| 78) Pyrene                    | 12.816 | 202  | 440452   | 27.043 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 190262   | 38.834 | ng    | 97       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 450733   | 41.868 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.963 | 252  | 128740   | 46.409 | ng    | 98       |
| 83) Chrysene                  | 14.039 | 228  | 385562   | 37.858 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 275316   | 52.689 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 501354   | 60.736 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.933 | 276  | 244361   | 27.048 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.045 | 252  | 356531   | 47.070 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.074 | 252  | 300736   | 40.710 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.410 | 252  | 275290   | 41.373 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.945 | 278  | 201376   | 27.250 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.374 | 276  | 203074   | 25.914 | ng    | 98       |

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

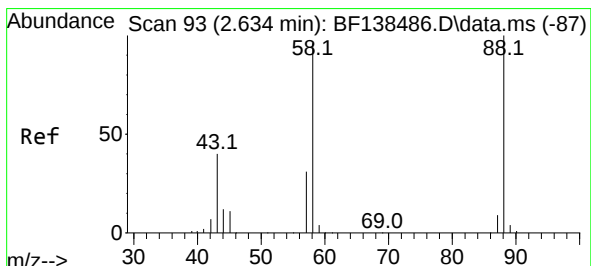
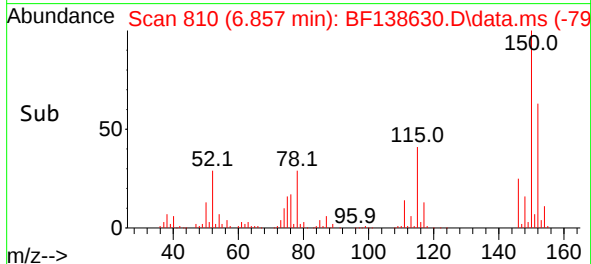
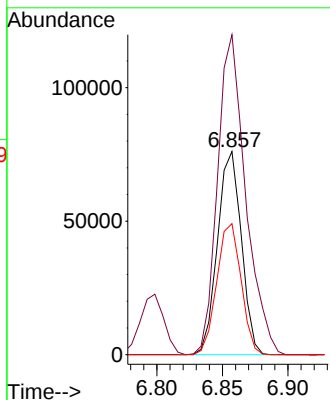
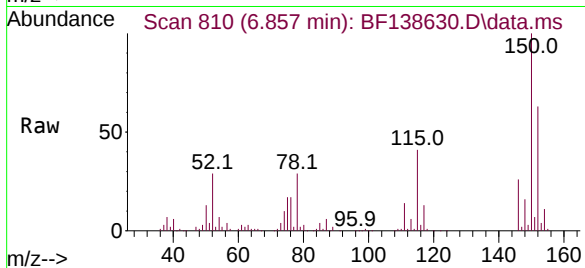




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.857 min Scan# 81  
 Delta R.T. -0.012 min  
 Lab File: BF138630.D  
 Acq: 23 Jul 2024 21:09

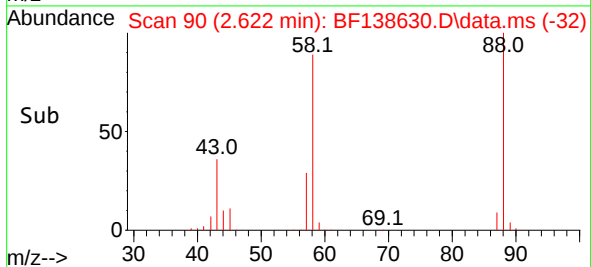
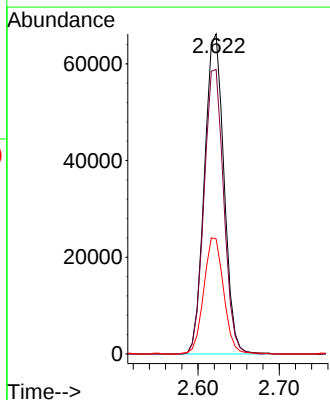
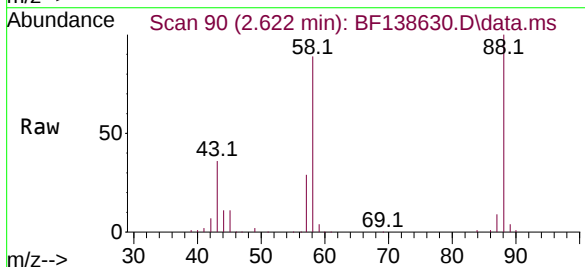
Instrument :  
 BNA\_F  
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 SSTDCCC040EC

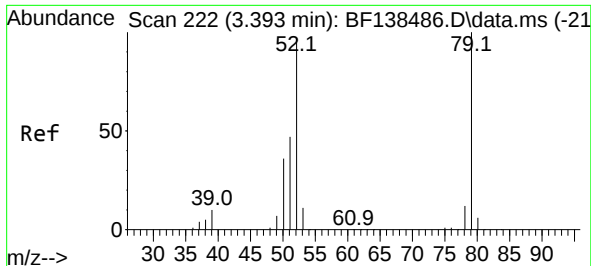
Tgt Ion:152 Resp: 96358  
 Ion Ratio Lower Upper  
 152 100  
 150 157.5 126.2 189.4  
 115 64.5 50.3 75.5



#2  
 1,4-Dioxane  
 Concen: 41.027 ng  
 RT: 2.622 min Scan# 90  
 Delta R.T. -0.012 min  
 Lab File: BF138630.D  
 Acq: 23 Jul 2024 21:09

Tgt Ion: 88 Resp: 110552  
 Ion Ratio Lower Upper  
 88 100  
 58 89.4 74.6 112.0  
 43 37.0 31.8 47.6

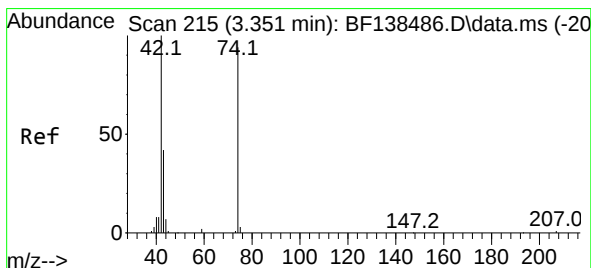
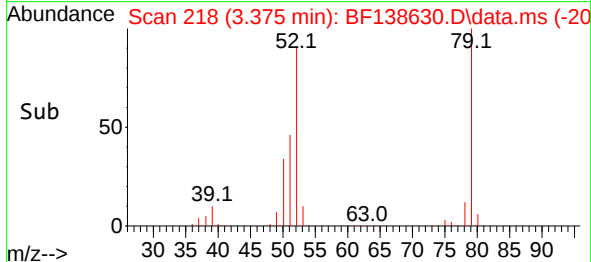
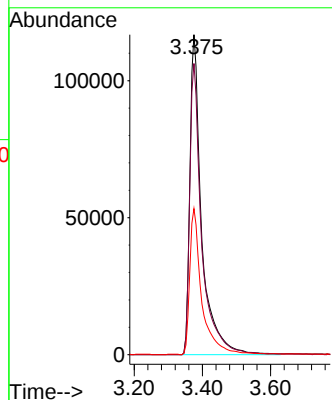
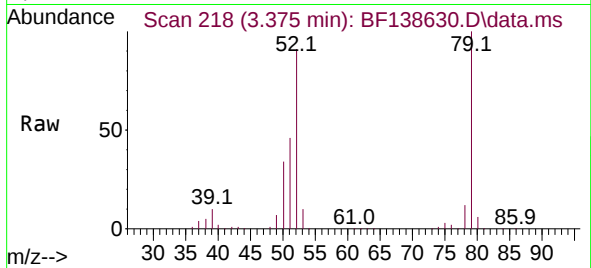




#3  
Pyridine  
Concen: 42.213 ng  
RT: 3.375 min Scan# 211  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

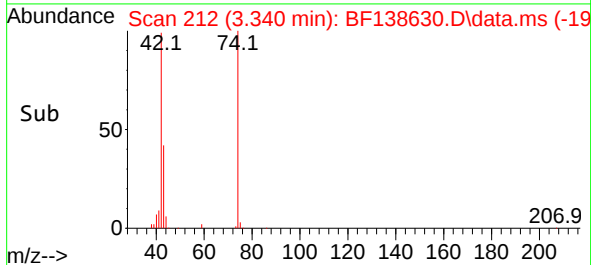
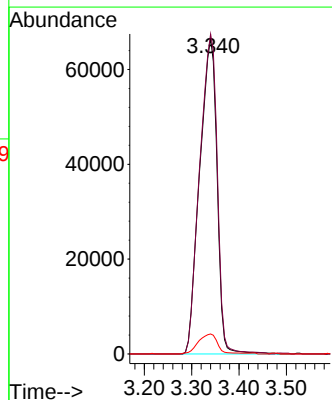
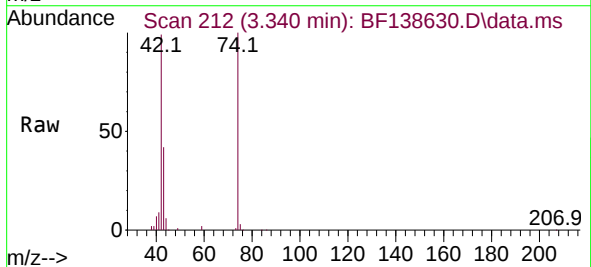
Instrument :  
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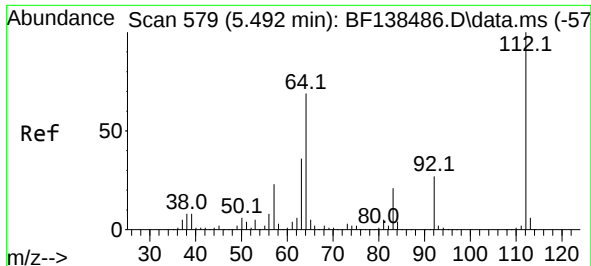
Tgt Ion: 79 Resp: 280515  
Ion Ratio Lower Upper  
79 100  
52 91.0 77.4 116.2  
51 45.7 37.4 56.0



#4  
n-Nitrosodimethylamine  
Concen: 39.123 ng  
RT: 3.340 min Scan# 212  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion: 42 Resp: 169238  
Ion Ratio Lower Upper  
42 100  
74 101.5 75.0 112.6  
44 6.3 5.4 8.2

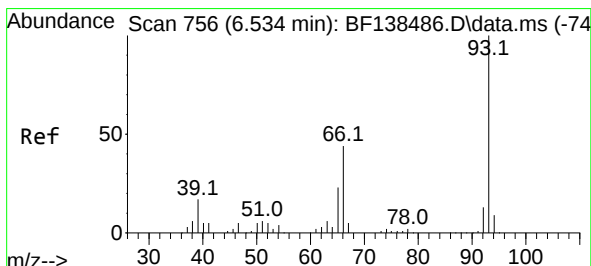
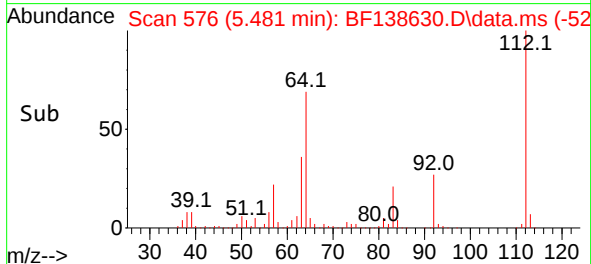
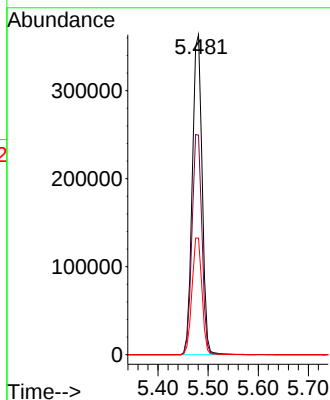
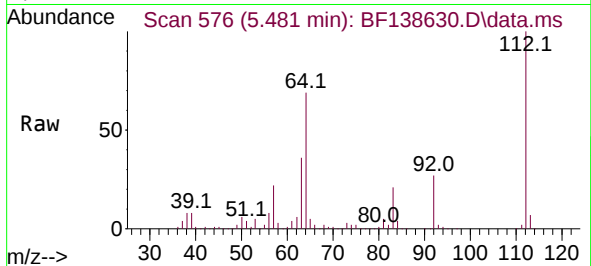




#5  
2-Fluorophenol  
Concen: 81.037 ng  
RT: 5.481 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

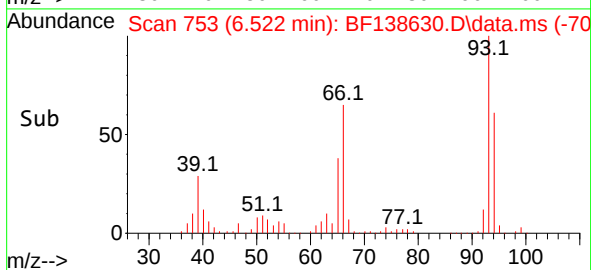
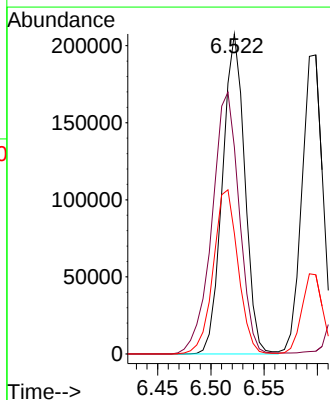
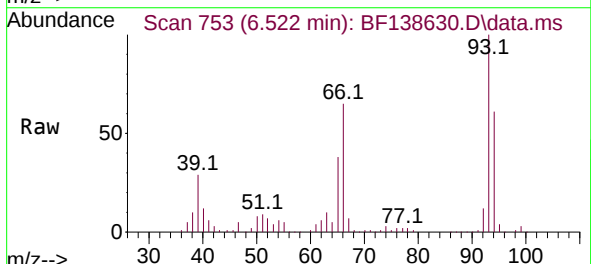
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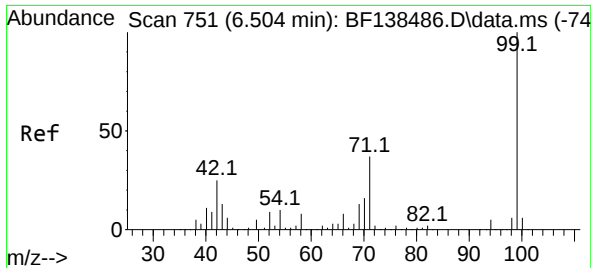
Tgt Ion:112 Resp: 493043  
Ion Ratio Lower Upper  
112 100  
64 68.6 55.1 82.7  
63 36.5 29.0 43.6



#6  
Aniline  
Concen: 39.759 ng  
RT: 6.522 min Scan# 753  
Delta R.T. -0.012 min  
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Tgt Ion: 93 Resp: 301408  
Ion Ratio Lower Upper  
93 100  
66 64.7 35.4 53.0#  
65 37.7 18.6 27.8#

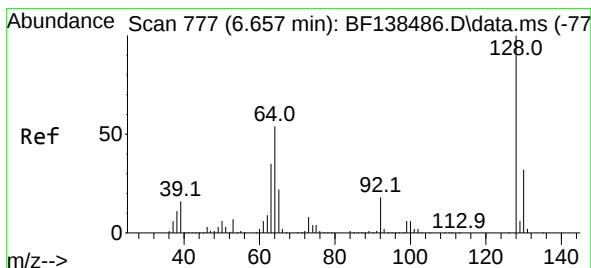
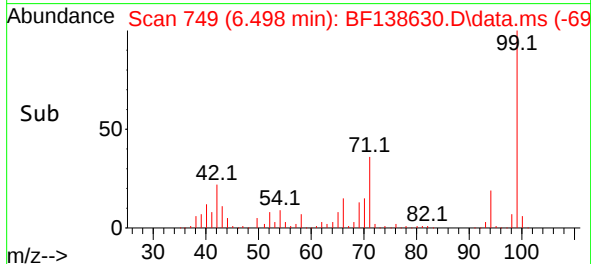
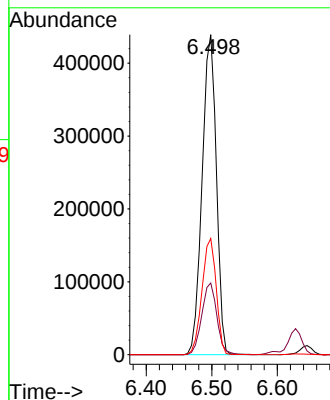
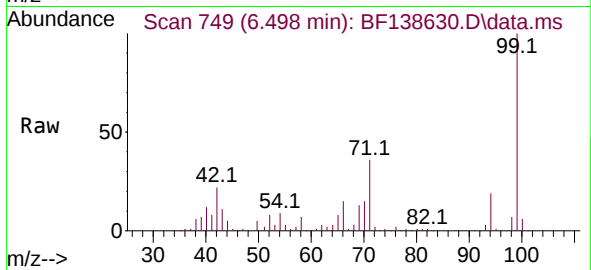




#7  
Phenol-d6  
Concen: 82.180 ng  
RT: 6.498 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

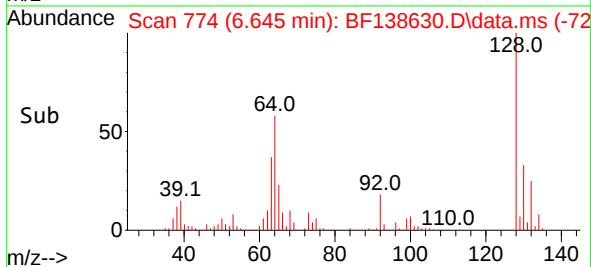
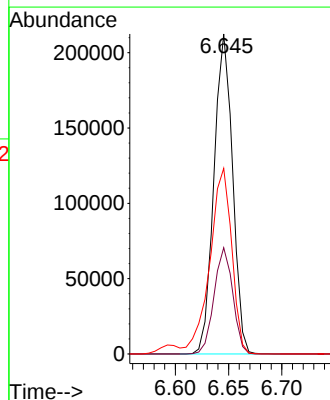
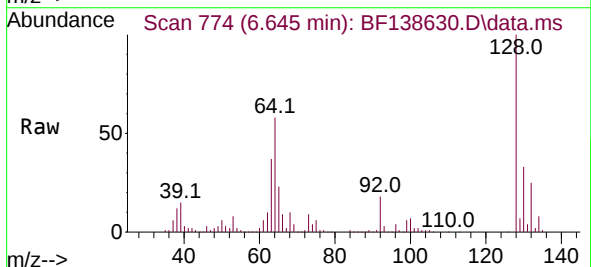
Instrument :  
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ClientSampleId :  
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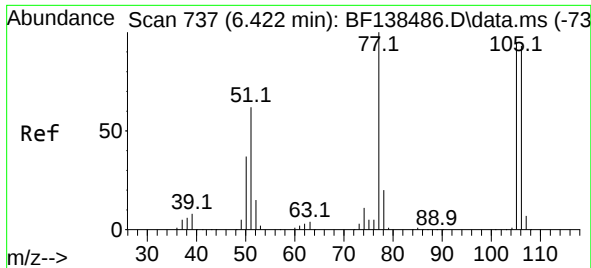
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Ion Ratio Lower Upper  
99 100  
42 22.4 19.7 29.5  
71 36.3 29.9 44.9



#8  
2-Chlorophenol  
Concen: 40.056 ng  
RT: 6.645 min Scan# 774  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion: 128 Resp: 257696  
Ion Ratio Lower Upper  
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130 33.2 12.1 52.1  
64 58.0 34.4 74.4

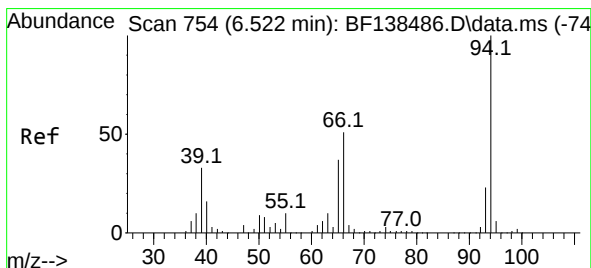
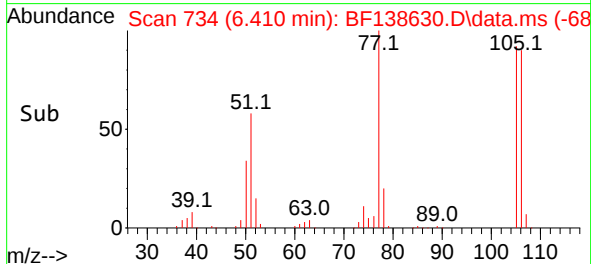
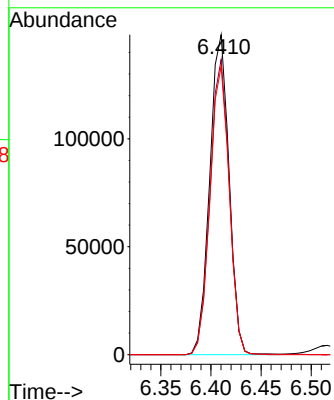
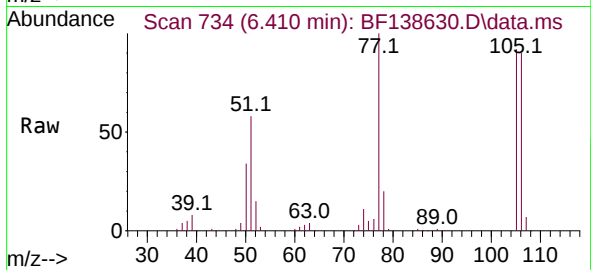




#9  
Benzaldehyde  
Concen: 45.969 ng  
RT: 6.410 min Scan# 710  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

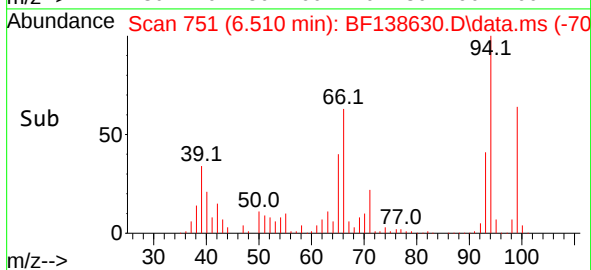
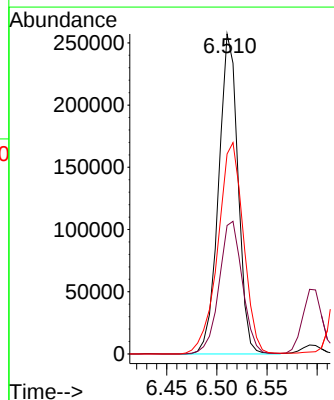
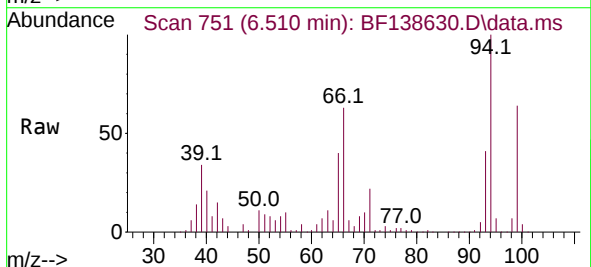
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

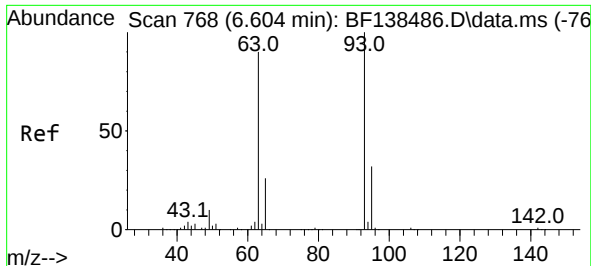
Tgt Ion: 77 Resp: 199147  
Ion Ratio Lower Upper  
77 100  
105 92.3 75.1 115.1  
106 90.1 73.2 113.2



#10  
Phenol  
Concen: 40.204 ng  
RT: 6.510 min Scan# 751  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion: 94 Resp: 345395  
Ion Ratio Lower Upper  
94 100  
65 40.2 16.7 56.7  
66 62.5 31.2 71.2



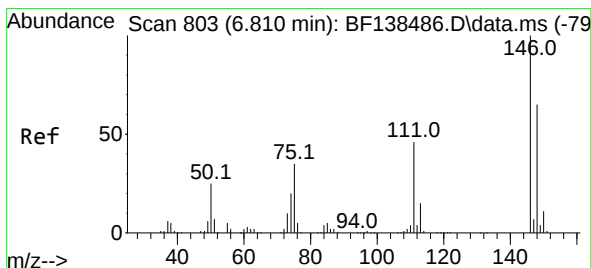
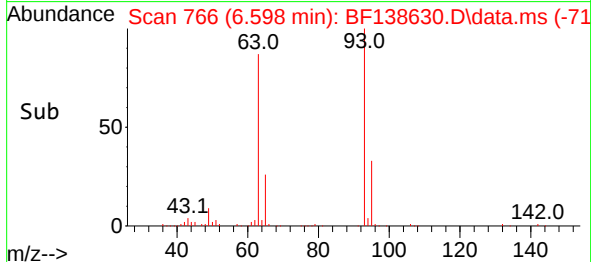
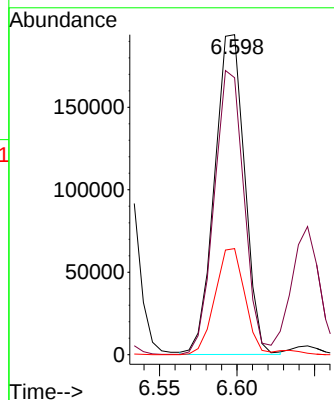
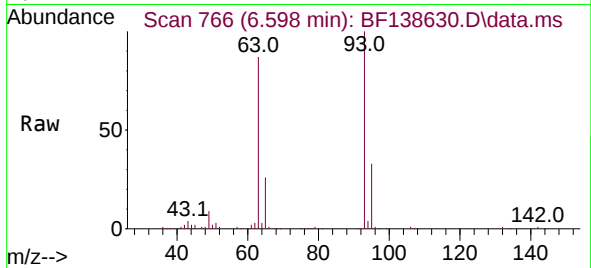


#11  
bis(2-Chloroethyl)ether  
Concen: 40.578 ng  
RT: 6.598 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 93 Resp: 262466

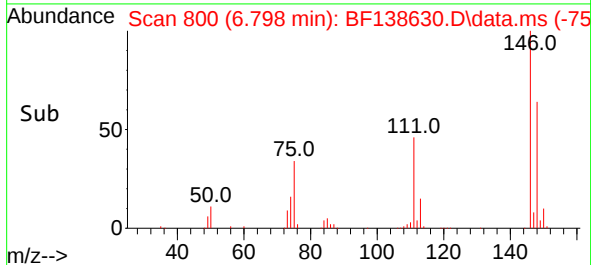
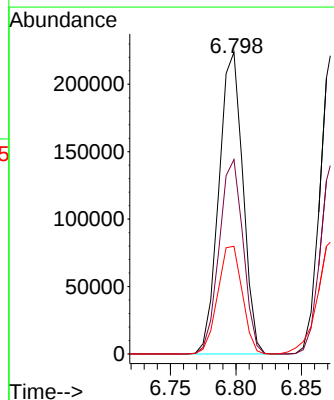
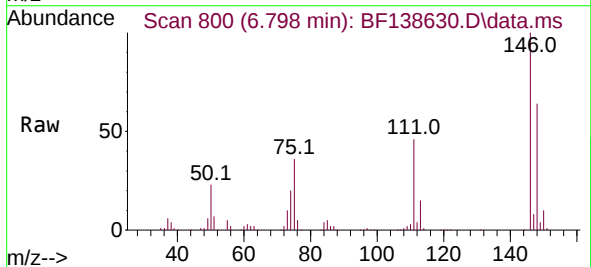
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 86.5  | 68.8  | 108.8 |
| 95  | 33.2  | 11.8  | 51.8  |

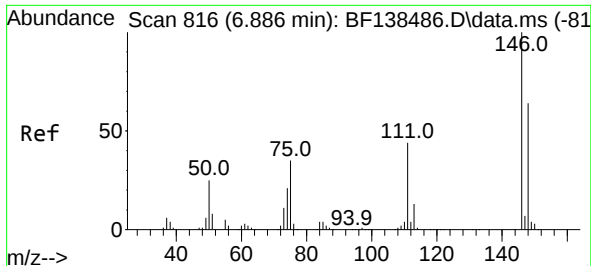


#12  
1,3-Dichlorobenzene  
Concen: 39.275 ng  
RT: 6.798 min Scan# 800  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion: 146 Resp: 284015

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.4  | 52.4  | 78.6  |
| 75  | 35.7  | 27.8  | 41.8  |

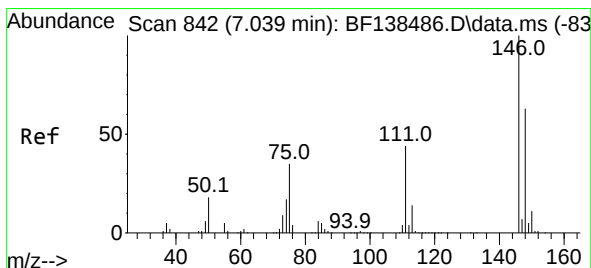
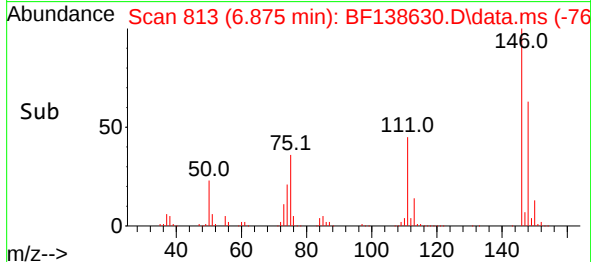
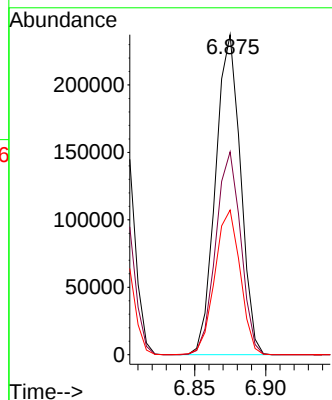
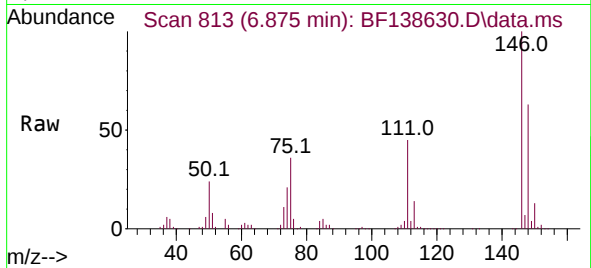




#13  
1,4-Dichlorobenzene  
Concen: 39.502 ng  
RT: 6.875 min Scan# 816  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

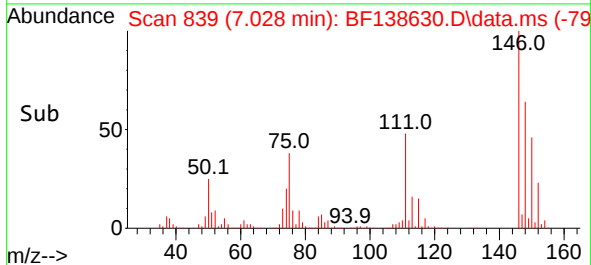
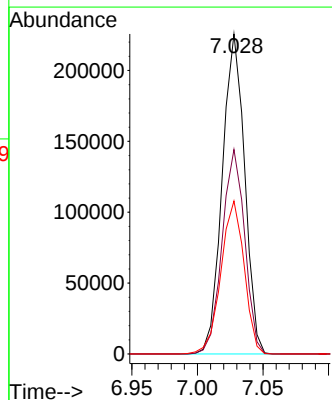
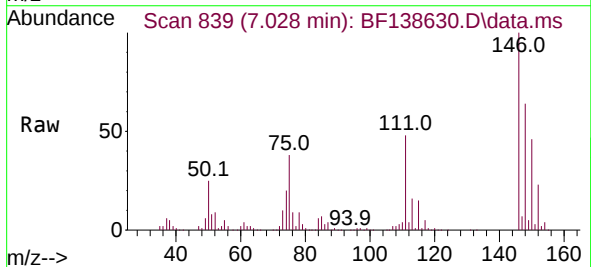
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

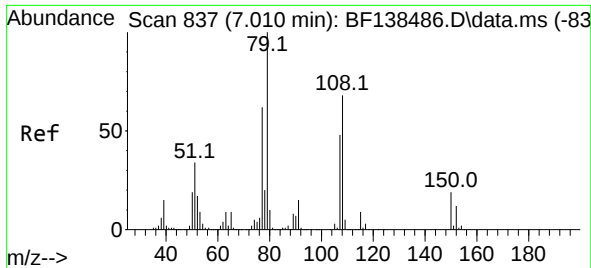
Tgt Ion:146 Resp: 290074  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.6 77.4  
111 45.2 34.9 52.3



#14  
1,2-Dichlorobenzene  
Concen: 39.130 ng  
RT: 7.028 min Scan# 839  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:146 Resp: 267622  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.1 75.1  
111 47.8 35.5 53.3

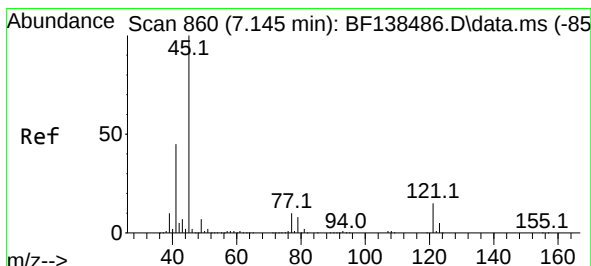
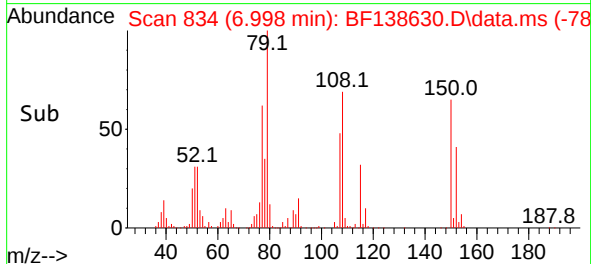
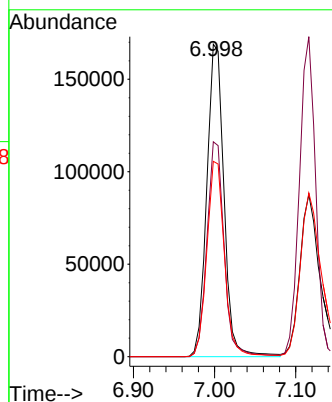
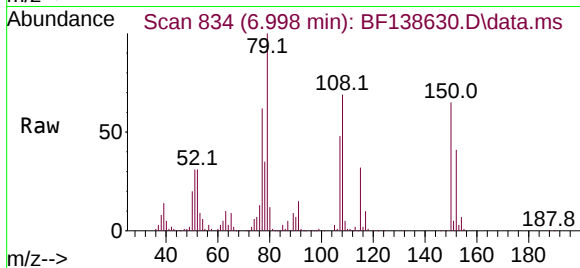




#15  
Benzyl Alcohol  
Concen: 40.844 ng  
RT: 6.998 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

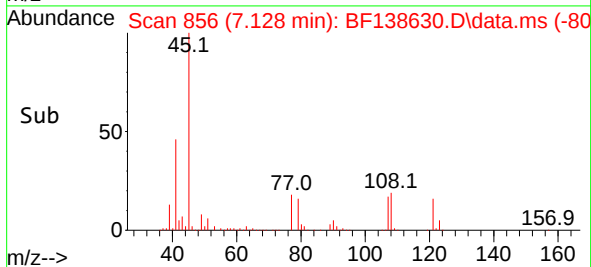
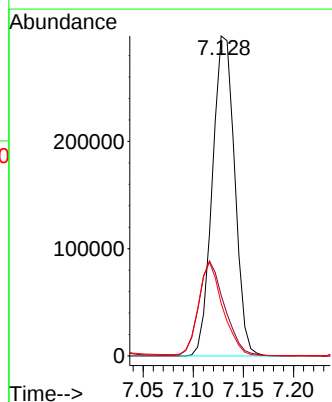
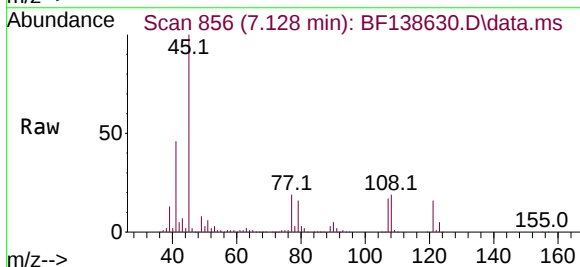
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

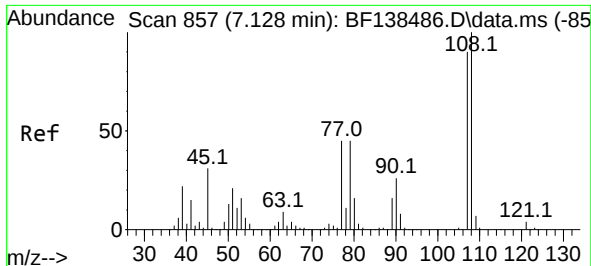
Tgt Ion: 79 Resp: 248090  
Ion Ratio Lower Upper  
79 100  
108 68.8 54.3 81.5  
77 62.5 50.0 75.0



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 36.338 ng  
RT: 7.128 min Scan# 856  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion: 45 Resp: 462221  
Ion Ratio Lower Upper  
45 100  
77 18.9 0.0 30.4  
79 16.4 0.0 28.1

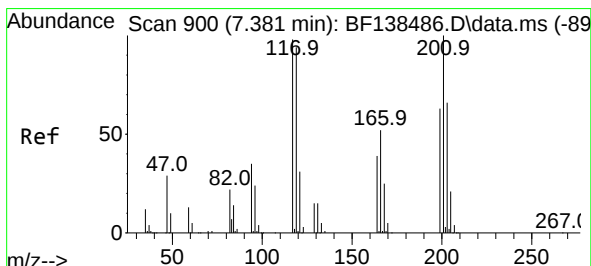
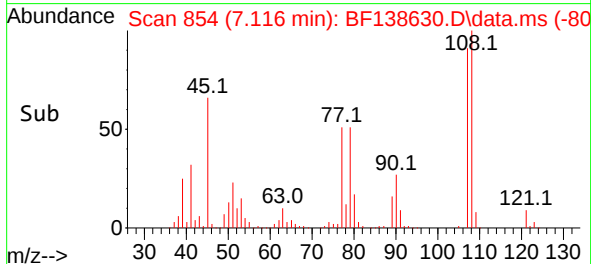
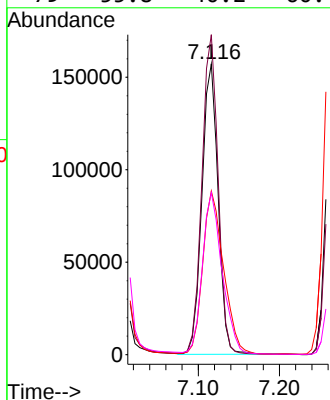
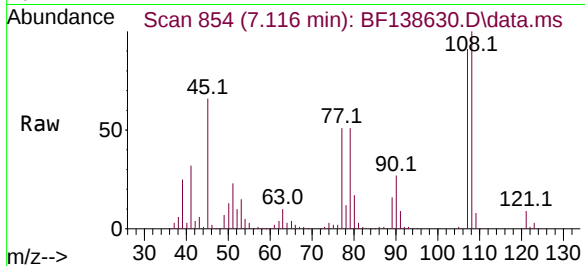




#17  
2-Methylphenol  
Concen: 41.212 ng  
RT: 7.116 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

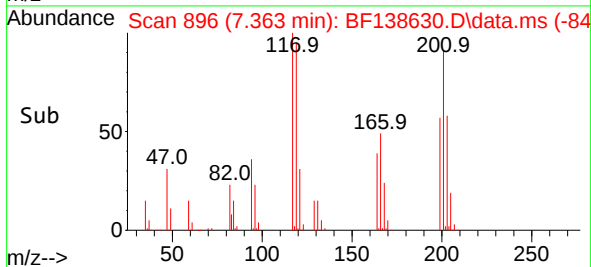
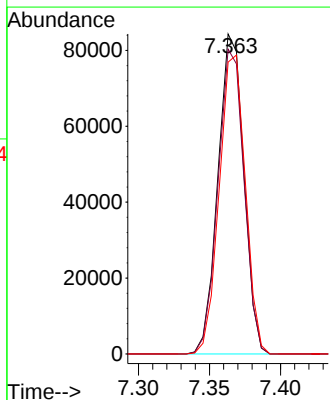
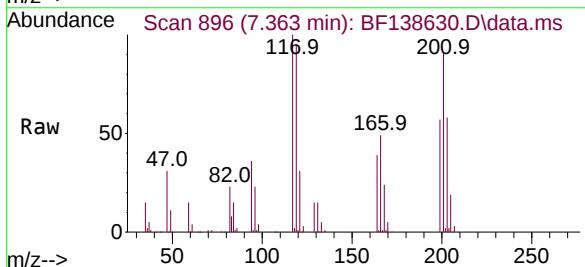
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

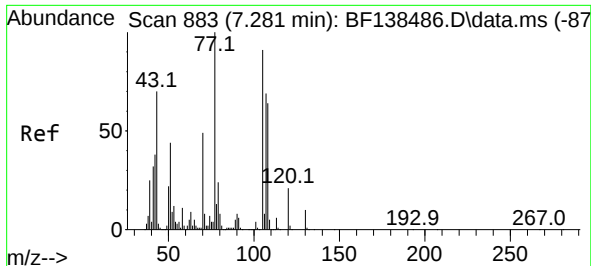
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 217293 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.1 | 89.0  | 133.4  |
| 77       | 56.3  | 40.3  | 60.5   |
| 79       | 55.8  | 40.2  | 60.4   |



#18  
Hexachloroethane  
Concen: 39.547 ng  
RT: 7.363 min Scan# 896  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 106762 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.2  | 76.6  | 114.8  |
| 201      | 91.2  | 81.4  | 122.0  |

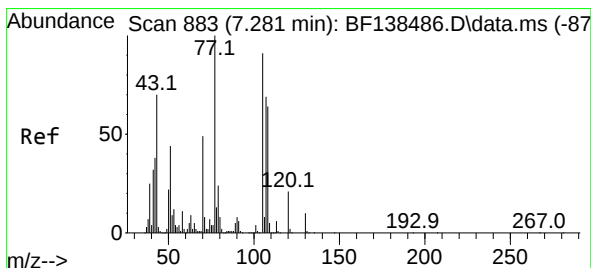
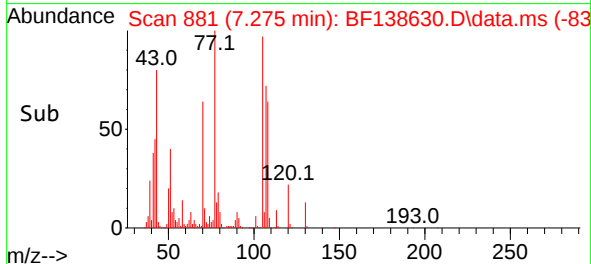
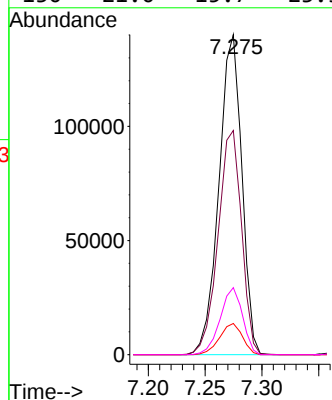
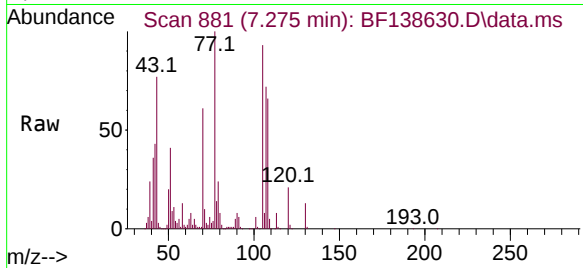




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.305 ng  
RT: 7.275 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

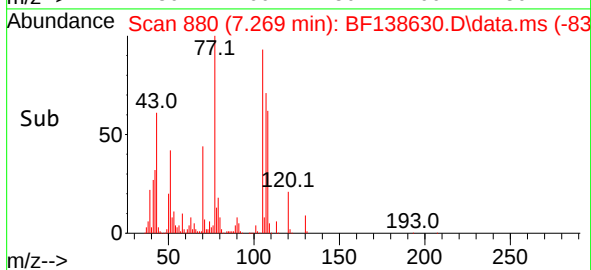
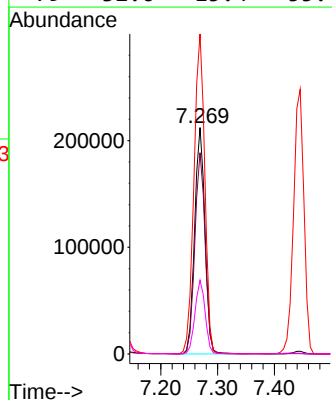
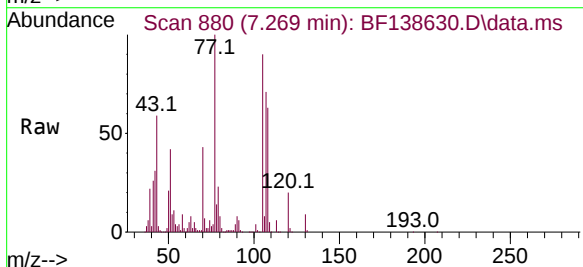
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

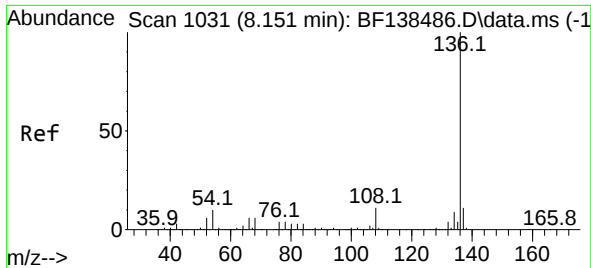
Tgt Ion: 70 Resp: 196568  
Ion Ratio Lower Upper  
70 100  
42 70.1 62.4 93.6  
101 9.8 7.2 10.8  
130 21.0 15.7 23.5



#20  
3+4-Methylphenols  
Concen: 40.709 ng  
RT: 7.269 min Scan# 880  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:107 Resp: 270288  
Ion Ratio Lower Upper  
107 100  
108 88.9 73.7 113.7  
77 141.3 126.0 166.0  
79 32.6 15.4 55.4

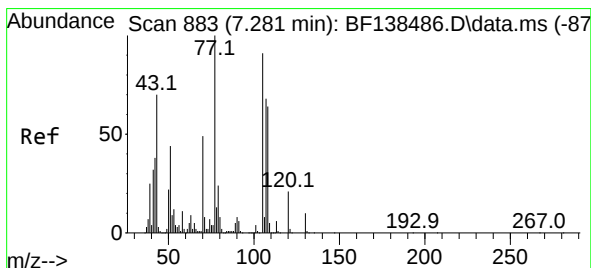
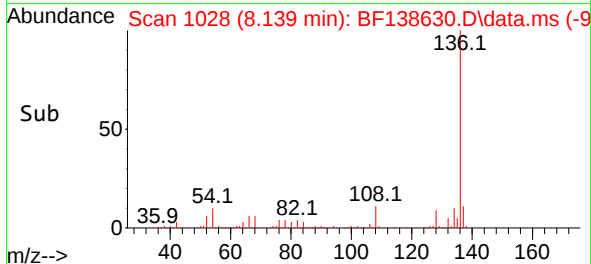
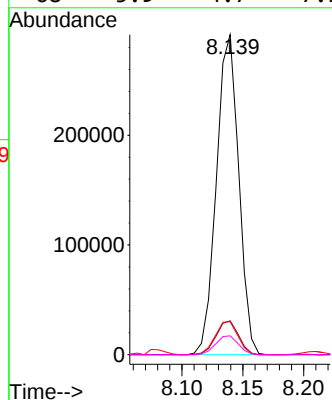
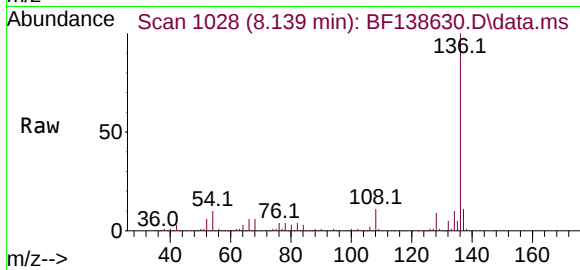




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.139 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

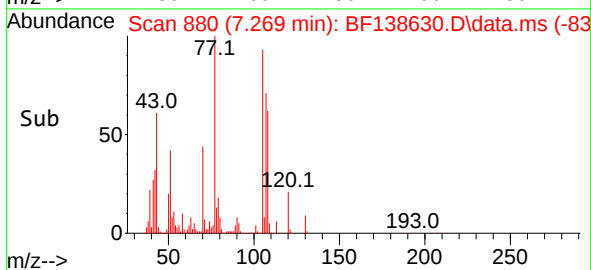
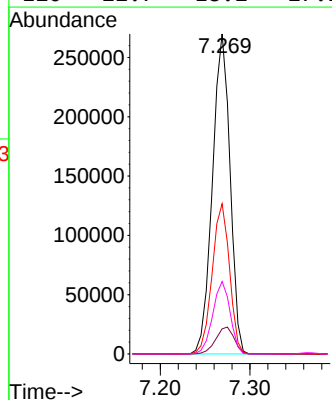
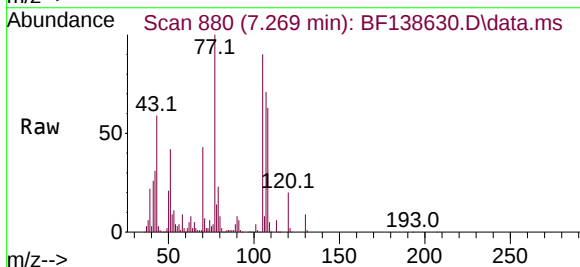
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

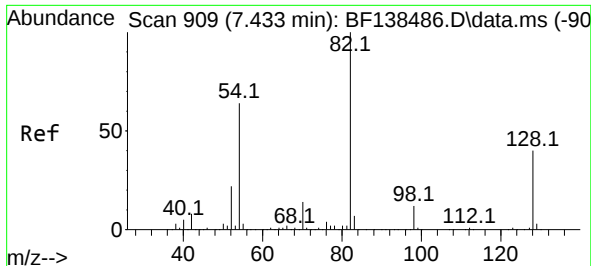
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:136 | Resp: | 371938 |
| Ion | Ratio   | Lower | Upper  |
| 136 | 100     |       |        |
| 137 | 10.6    | 8.5   | 12.7   |
| 54  | 10.3    | 8.1   | 12.1   |
| 68  | 5.9     | 4.7   | 7.1    |



#22  
Acetophenone  
Concen: 40.664 ng  
RT: 7.269 min Scan# 880  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 367331 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 7.9     | 7.4   | 11.2   |
| 51  | 47.0    | 38.7  | 58.1   |
| 120 | 22.7    | 18.2  | 27.2   |

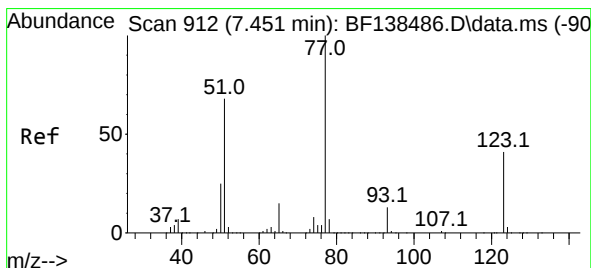
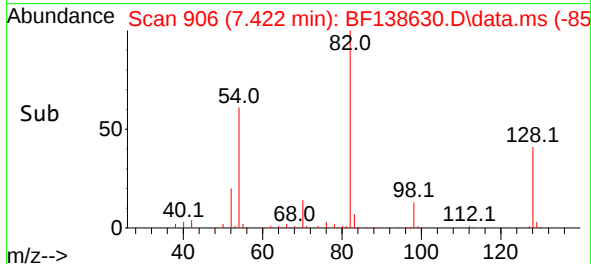
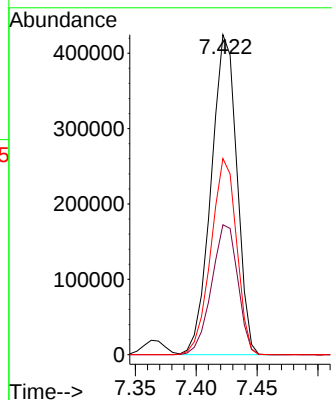
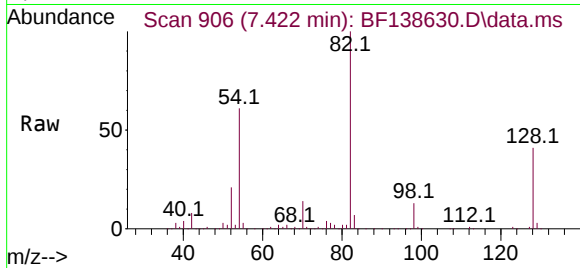




#23  
Nitrobenzene-d5  
Concen: 82.505 ng  
RT: 7.422 min Scan# 909  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

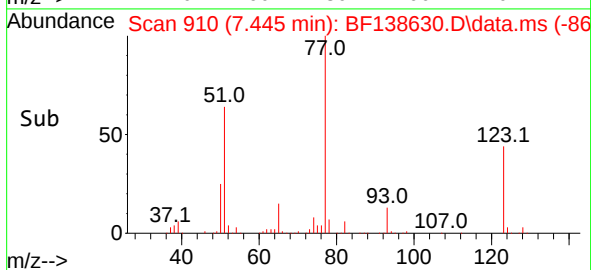
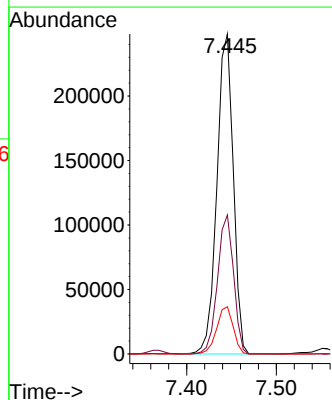
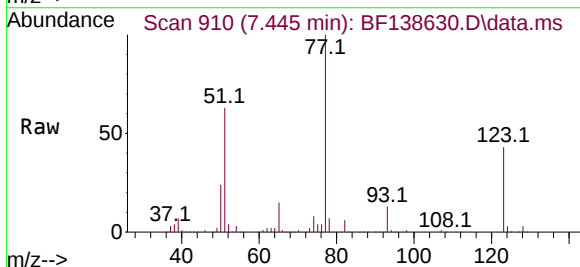
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

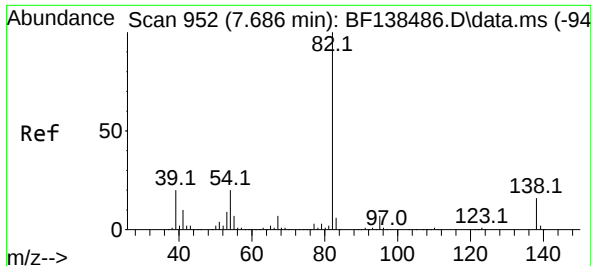
Tgt Ion: 82 Resp: 625011  
Ion Ratio Lower Upper  
82 100  
128 40.6 32.3 48.5  
54 61.3 51.4 77.0



#24  
Nitrobenzene  
Concen: 40.800 ng  
RT: 7.445 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion: 77 Resp: 314090  
Ion Ratio Lower Upper  
77 100  
123 43.4 32.4 48.6  
65 14.7 11.8 17.8

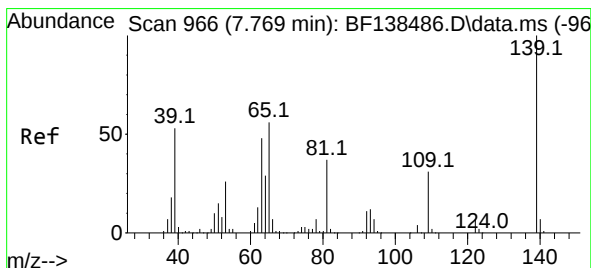
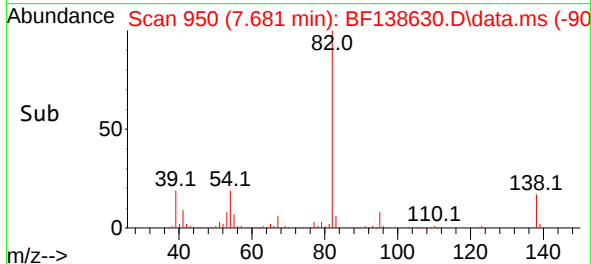
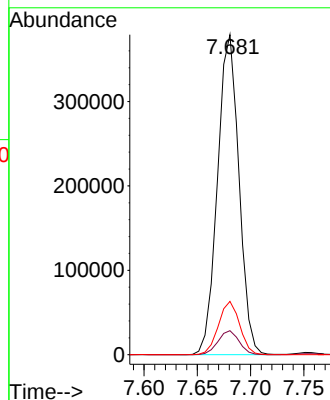
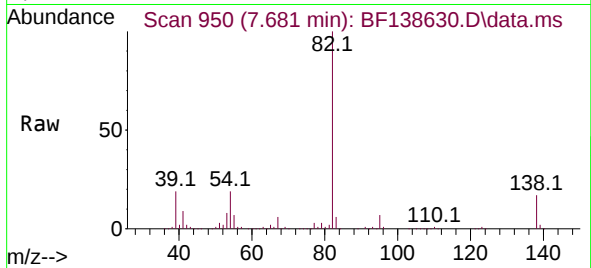




#25  
Isophorone  
Concen: 40.788 ng  
RT: 7.681 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

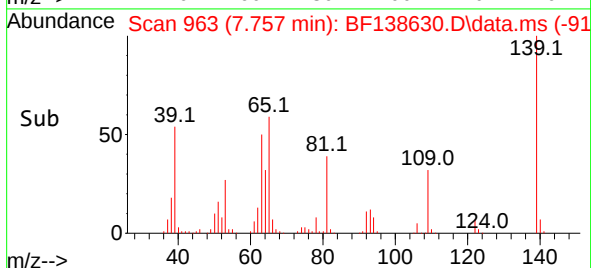
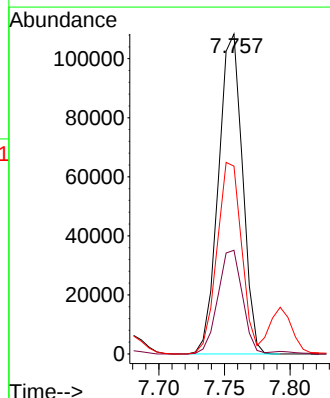
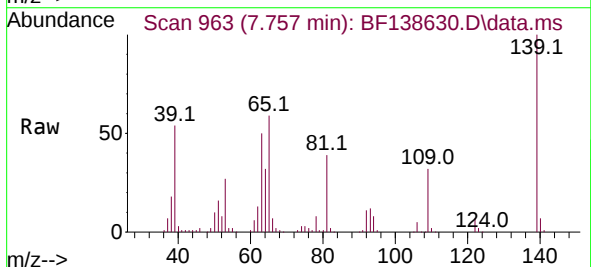
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

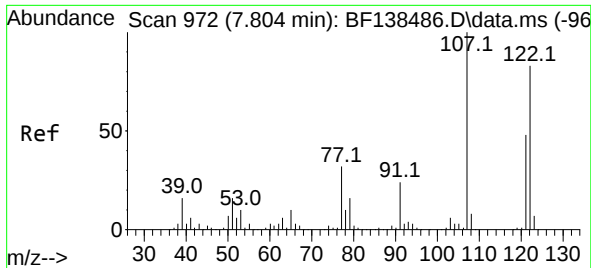
Tgt Ion: 82 Resp: 530628  
Ion Ratio Lower Upper  
82 100  
95 7.5 6.0 9.0  
138 16.7 12.8 19.2



#26  
2-Nitrophenol  
Concen: 41.888 ng  
RT: 7.757 min Scan# 963  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:139 Resp: 138210  
Ion Ratio Lower Upper  
139 100  
109 32.4 24.8 37.2  
65 58.7 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 40.658 ng

RT: 7.792 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

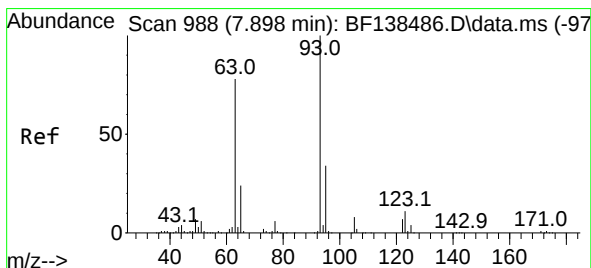
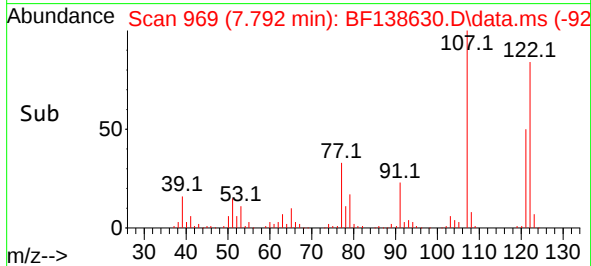
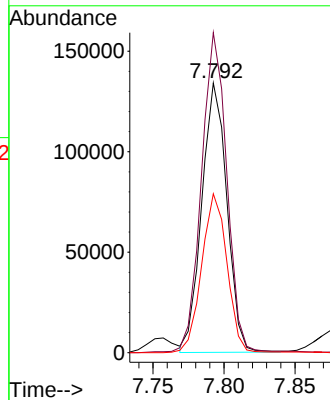
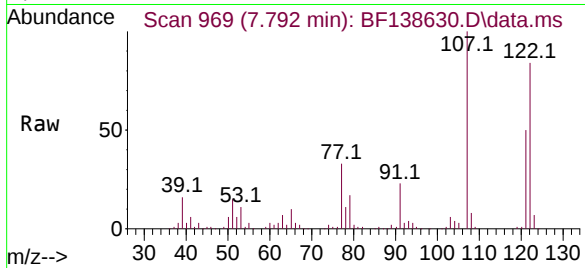
Tgt Ion:122 Resp: 164882

Ion Ratio Lower Upper

122 100

107 118.6 96.3 144.5

121 58.9 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.173 ng

RT: 7.887 min Scan# 985

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

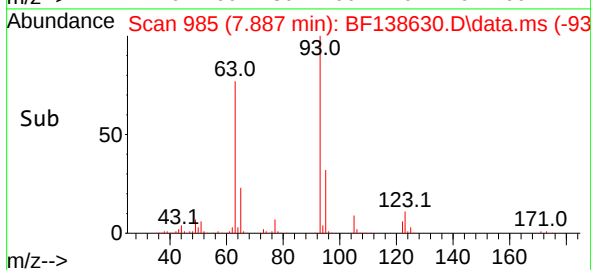
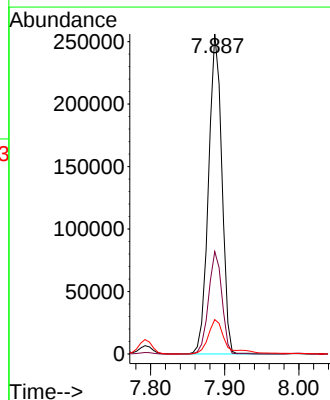
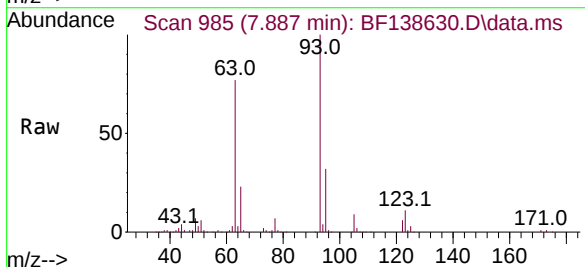
Tgt Ion: 93 Resp: 320117

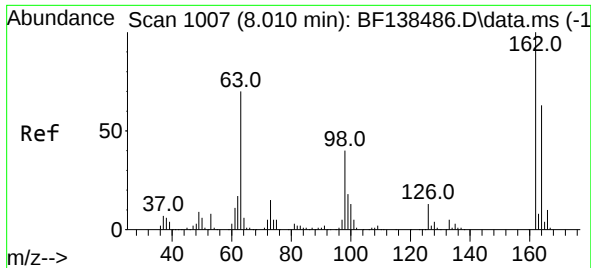
Ion Ratio Lower Upper

93 100

95 32.0 27.0 40.6

123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.516 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

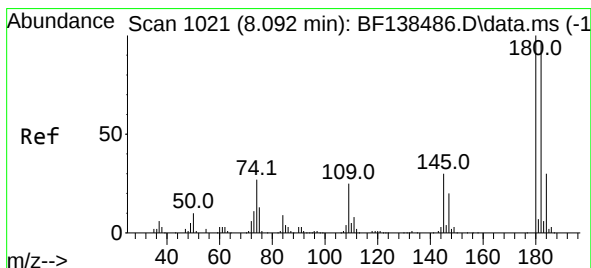
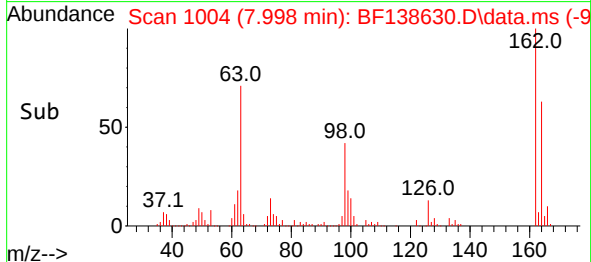
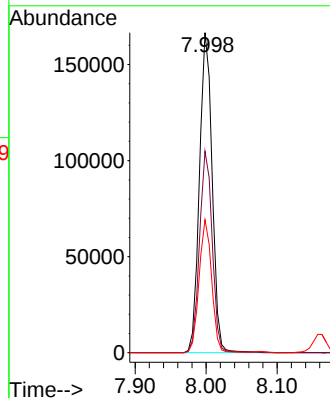
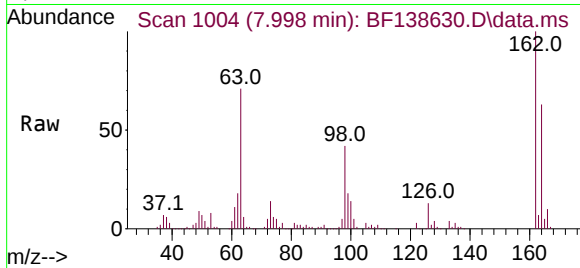
Tgt Ion:162 Resp: 208100

Ion Ratio Lower Upper

162 100

164 63.0 42.6 82.6

98 41.6 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 37.986 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

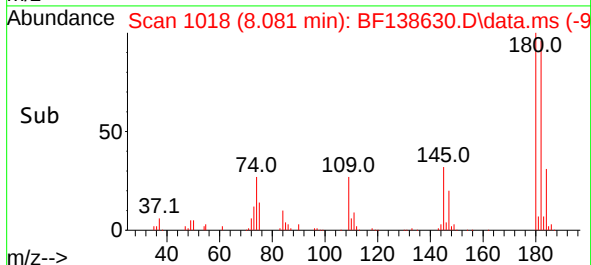
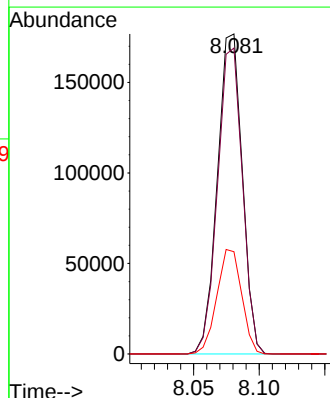
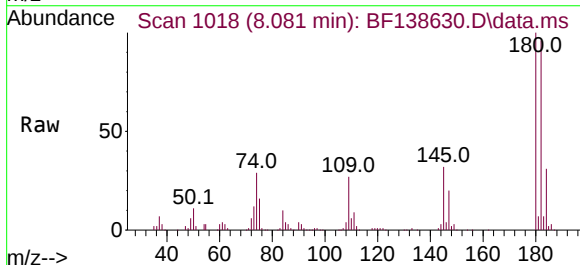
Tgt Ion:180 Resp: 233037

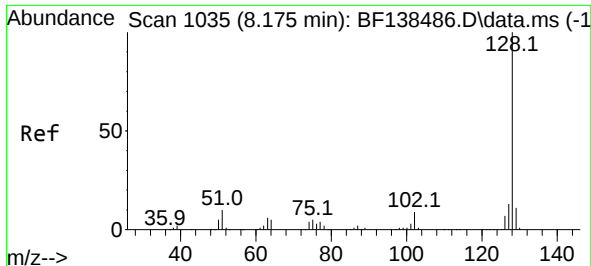
Ion Ratio Lower Upper

180 100

182 95.6 76.9 115.3

145 31.9 23.9 35.9

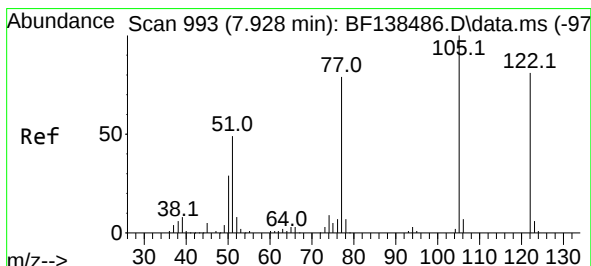
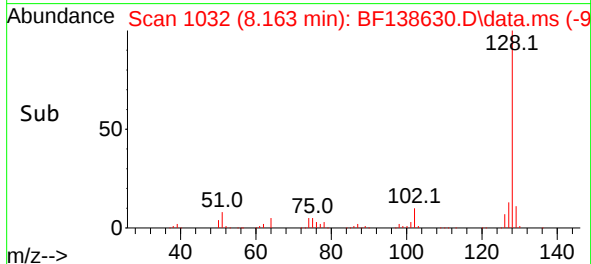
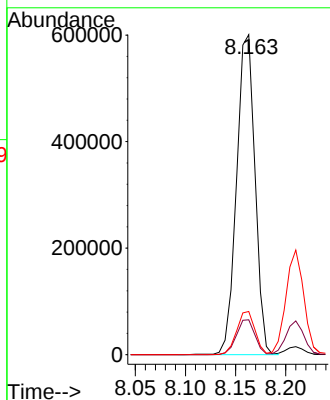
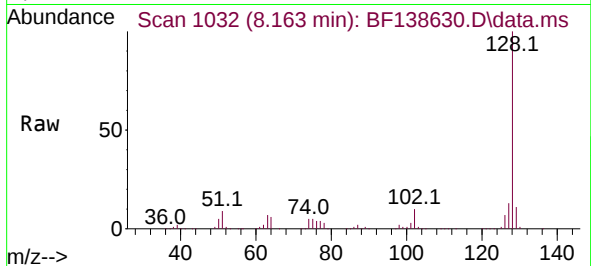




#31  
Naphthalene  
Concen: 39.807 ng  
RT: 8.163 min Scan# 1032  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

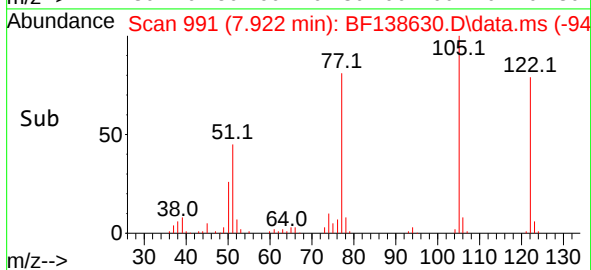
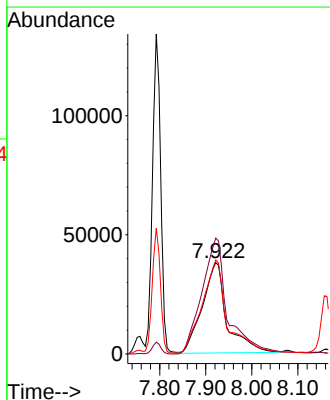
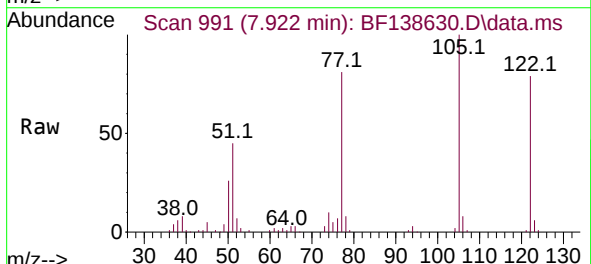
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

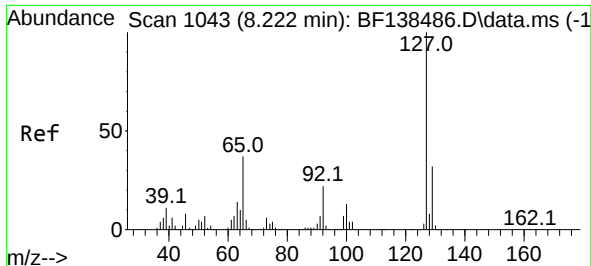
Tgt Ion:128 Resp: 770014  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 13.0  
127 13.5 10.7 16.1



#32  
Benzoic acid  
Concen: 36.332 ng  
RT: 7.922 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:122 Resp: 140527  
Ion Ratio Lower Upper  
122 100  
105 126.8 101.5 141.5  
77 102.9 77.3 117.3

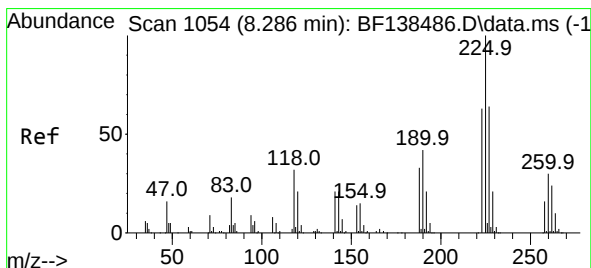
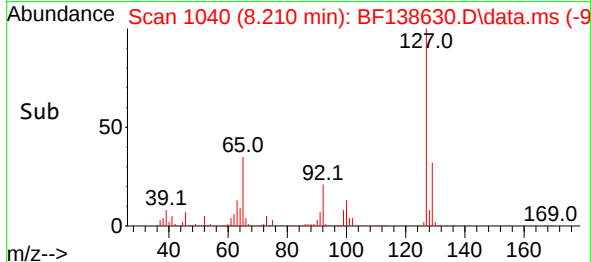
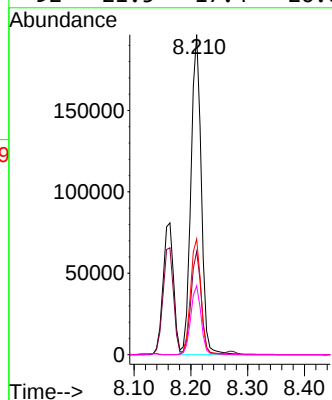
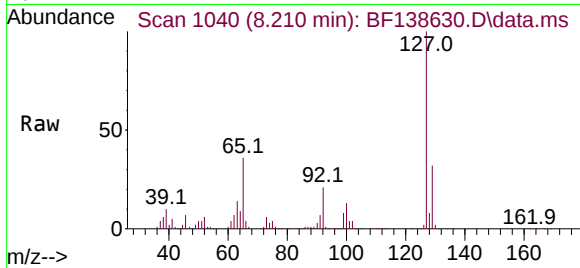




#33  
4-Chloroaniline  
Concen: 36.710 ng  
RT: 8.210 min Scan# 1040  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

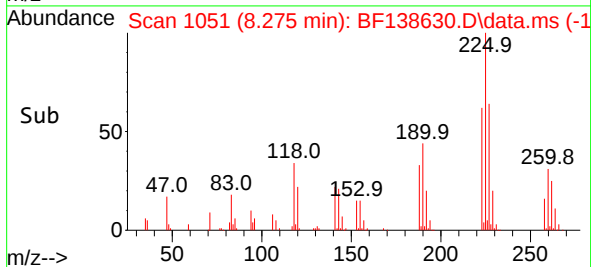
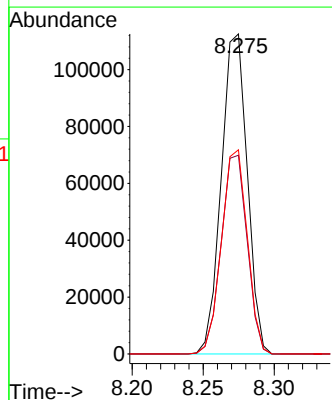
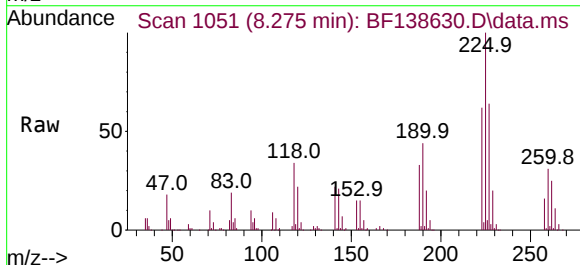
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

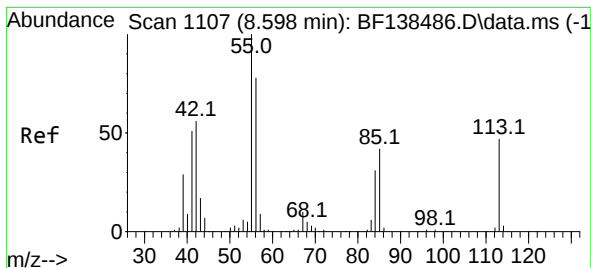
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 249157 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.3    | 25.6 38.4    |
| 65 36.2     | 29.6 44.4    |
| 92 21.5     | 17.4 26.0    |



#34  
Hexachlorobutadiene  
Concen: 37.848 ng  
RT: 8.275 min Scan# 1051  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 142980 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 62.1    | 50.0 75.0    |
| 227 63.8    | 51.0 76.6    |





#35

Caprolactam

Concen: 39.440 ng

RT: 8.592 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

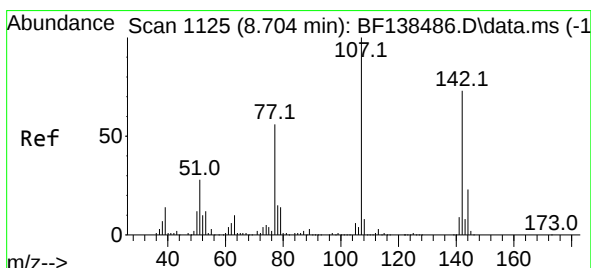
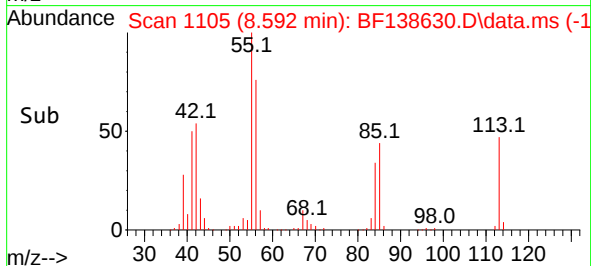
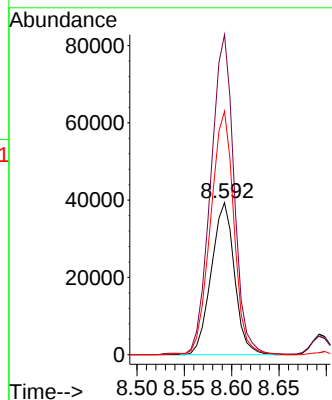
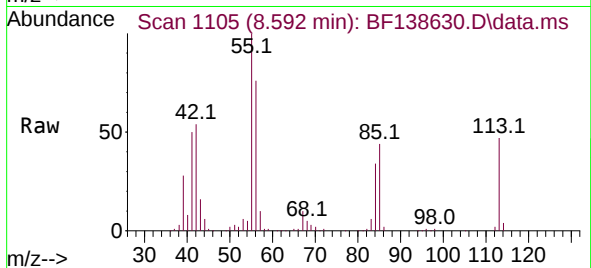
Tgt Ion:113 Resp: 67021

Ion Ratio Lower Upper

113 100

55 210.6 192.5 232.5

56 160.3 145.3 185.3



#36

4-Chloro-3-methylphenol

Concen: 39.277 ng

RT: 8.692 min Scan# 1122

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

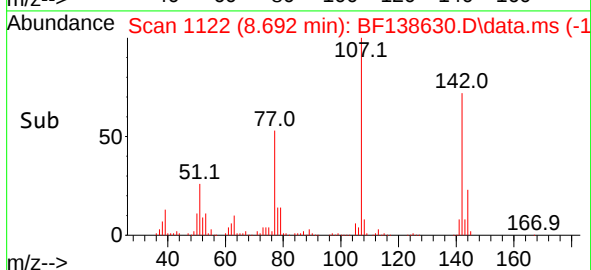
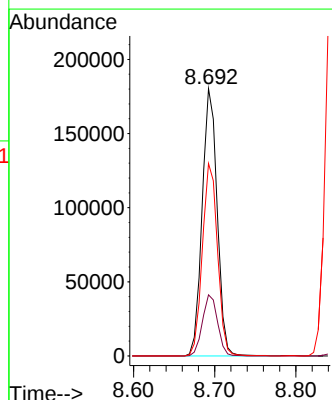
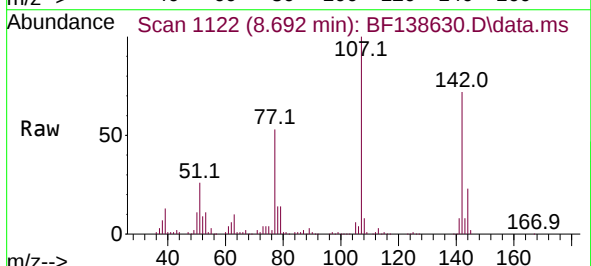
Tgt Ion:107 Resp: 231561

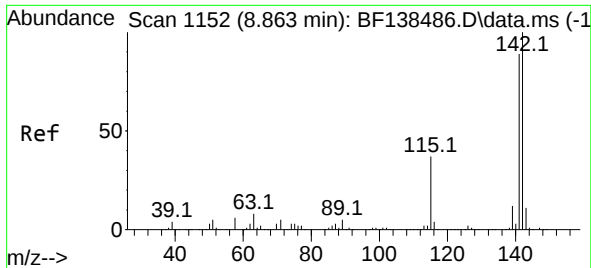
Ion Ratio Lower Upper

107 100

144 22.9 18.6 27.8

142 72.0 58.6 88.0

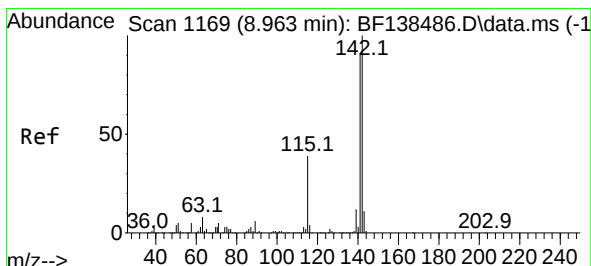
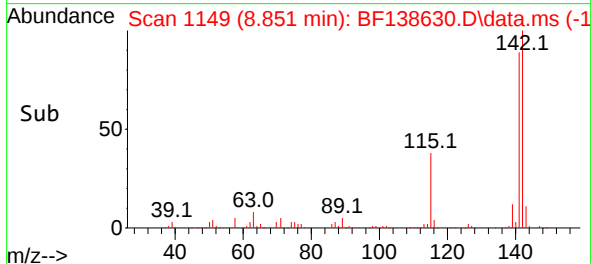
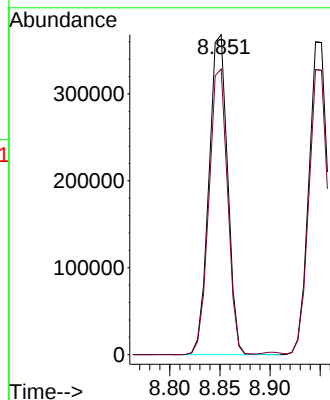
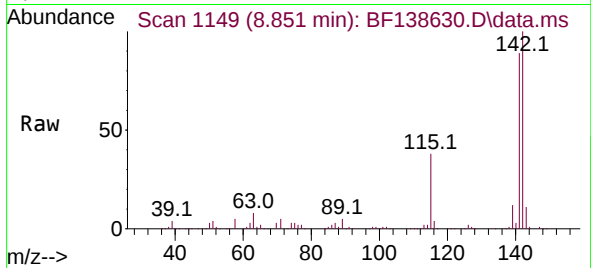




#37  
2-Methylnaphthalene  
Concen: 38.461 ng  
RT: 8.851 min Scan# 1149  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

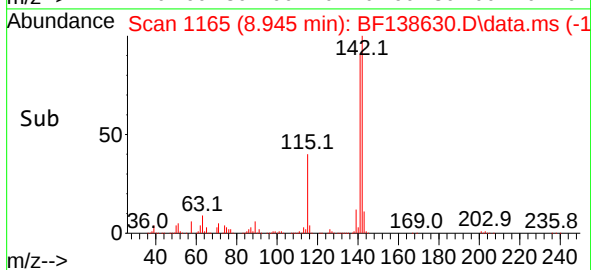
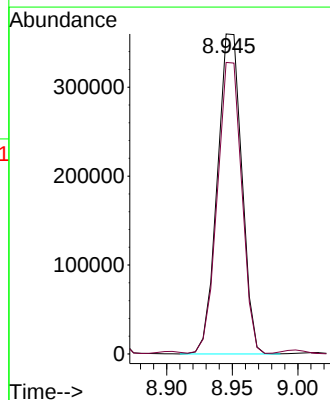
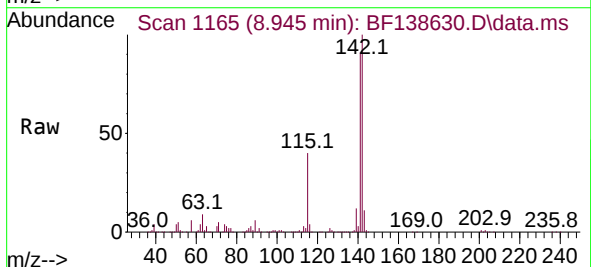
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

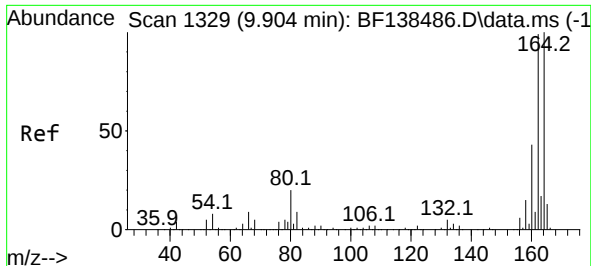
Tgt Ion:142 Resp: 478771  
Ion Ratio Lower Upper  
142 100  
141 89.3 71.4 107.0



#38  
1-Methylnaphthalene  
Concen: 38.407 ng  
RT: 8.945 min Scan# 1165  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:142 Resp: 466597  
Ion Ratio Lower Upper  
142 100  
141 91.1 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

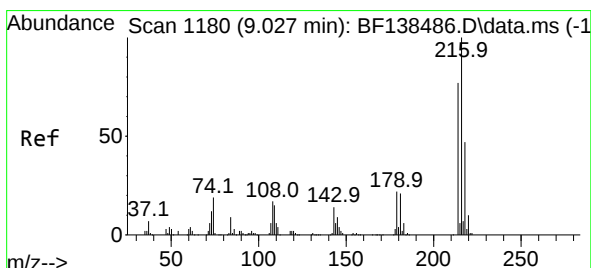
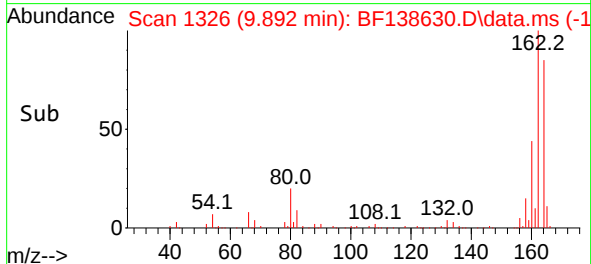
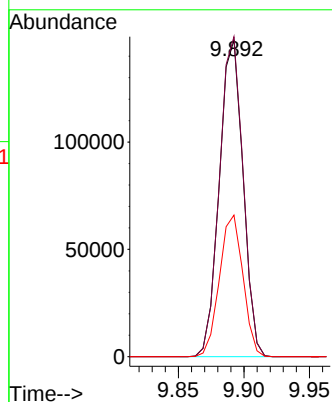
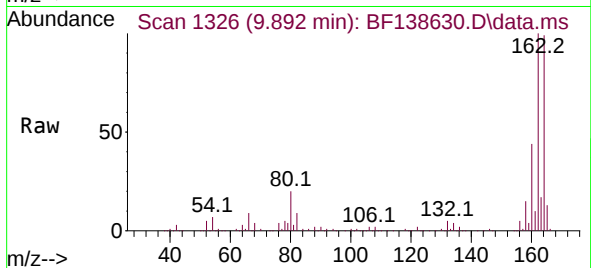
Tgt Ion:164 Resp: 184908

Ion Ratio Lower Upper

164 100

162 101.0 79.0 118.6

160 44.7 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.626 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Tgt Ion:216 Resp: 214519

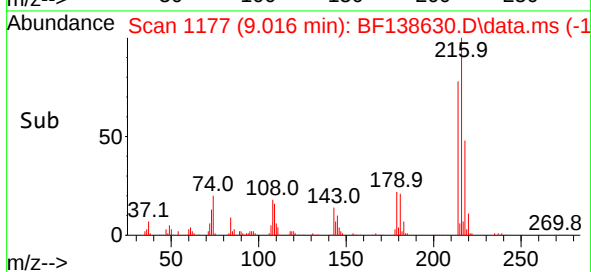
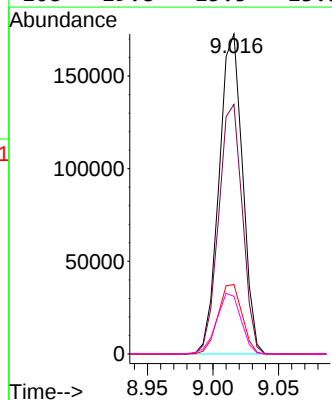
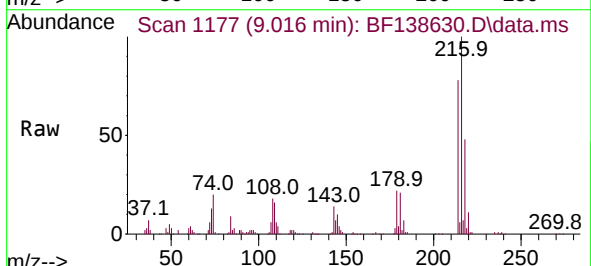
Ion Ratio Lower Upper

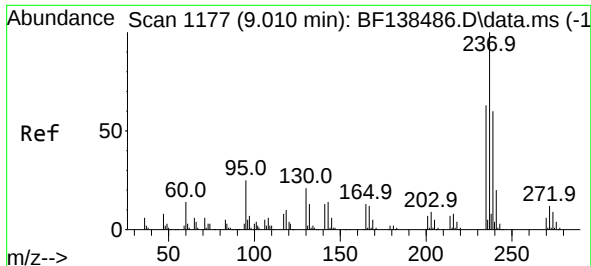
216 100

214 78.8 62.8 94.2

179 22.3 17.7 26.5

108 19.8 15.5 23.3

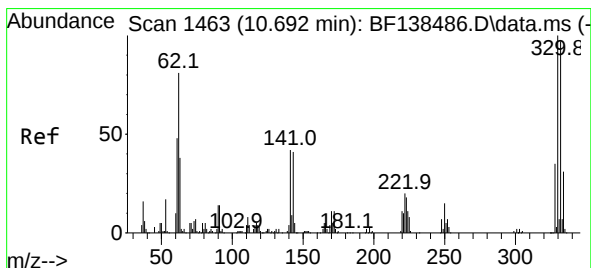
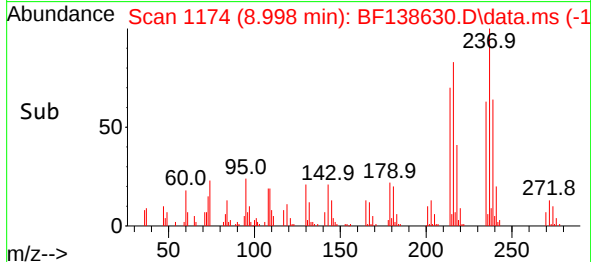
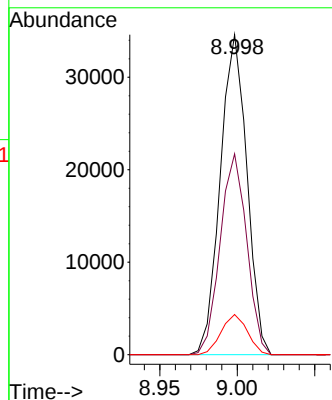
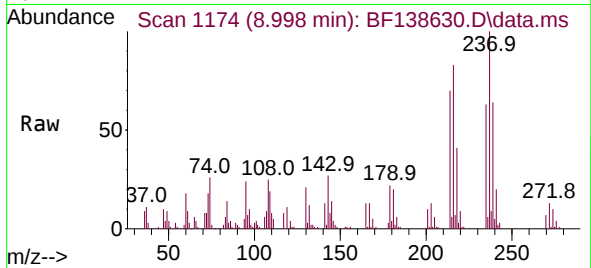




#41  
Hexachlorocyclopentadiene  
Concen: 24.721 ng  
RT: 8.998 min Scan# 1174  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

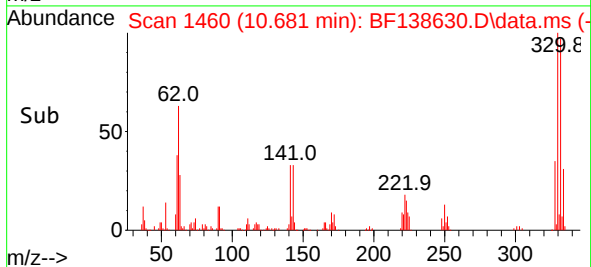
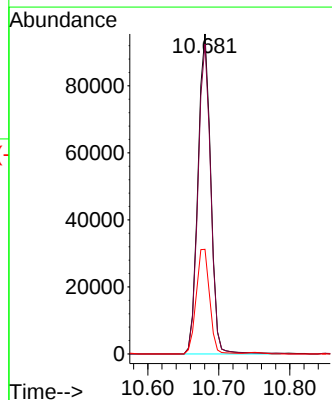
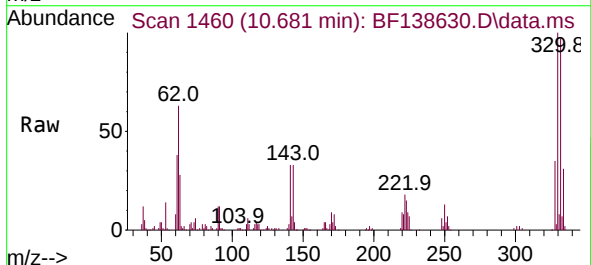
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

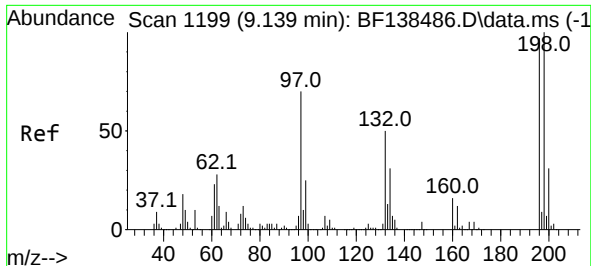
Tgt Ion:237 Resp: 41351  
Ion Ratio Lower Upper  
237 100  
235 62.7 43.3 83.3  
272 12.6 0.0 32.3



#42  
2,4,6-Tribromophenol  
Concen: 69.588 ng  
RT: 10.681 min Scan# 1460  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:330 Resp: 120258  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.8 115.2  
141 34.1 29.4 44.2

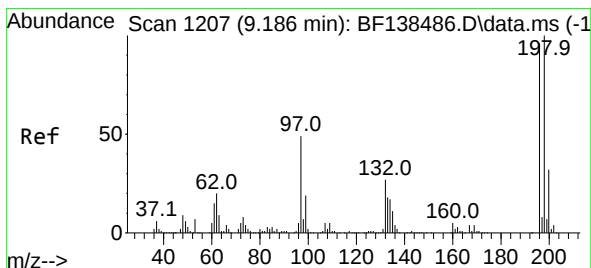
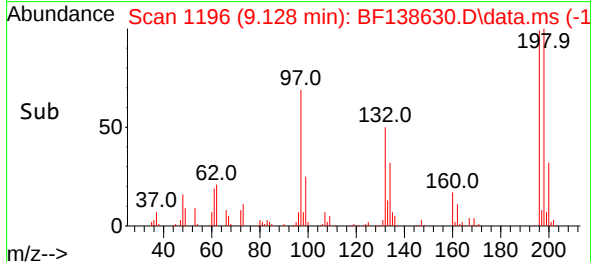
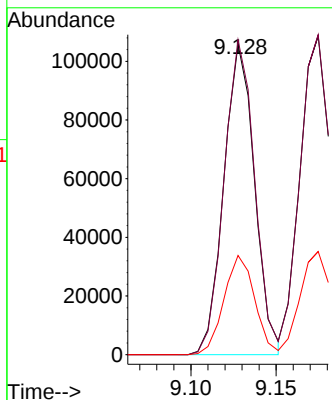
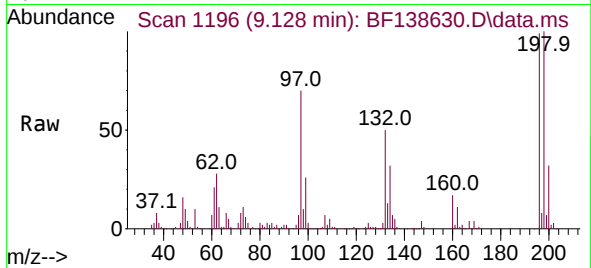




#43  
2,4,6-Trichlorophenol  
Concen: 40.375 ng  
RT: 9.128 min Scan# 1196  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

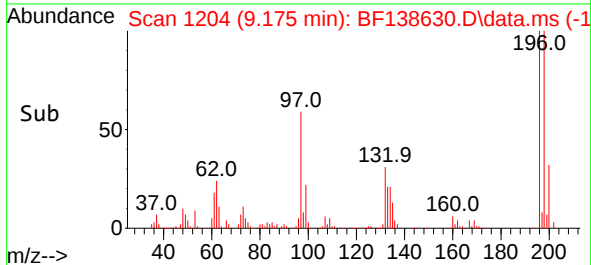
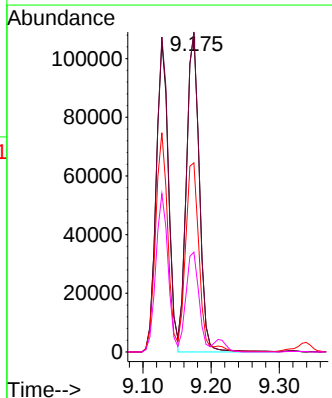
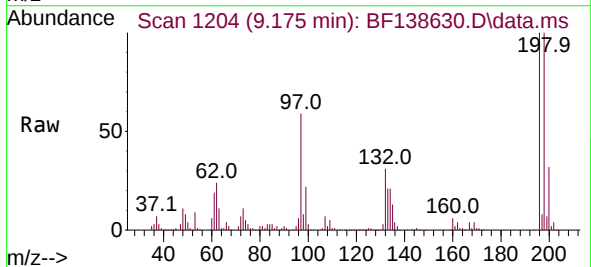
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

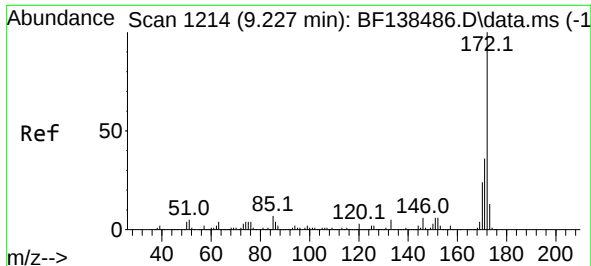
Tgt Ion:196 Resp: 132724  
Ion Ratio Lower Upper  
196 100  
198 101.4 82.3 123.5  
200 32.0 25.8 38.6



#44  
2,4,5-Trichlorophenol  
Concen: 39.298 ng  
RT: 9.175 min Scan# 1204  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:196 Resp: 142088  
Ion Ratio Lower Upper  
196 100  
198 100.4 82.8 124.2  
97 59.3 41.0 61.4  
132 31.3 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 84.132 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

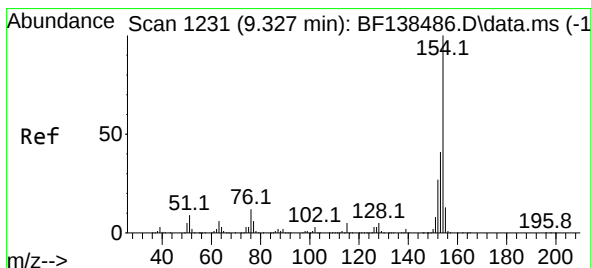
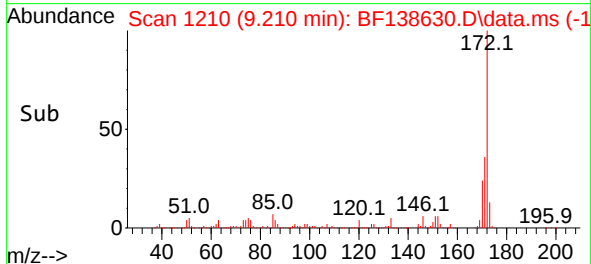
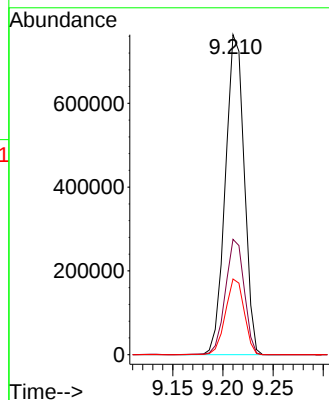
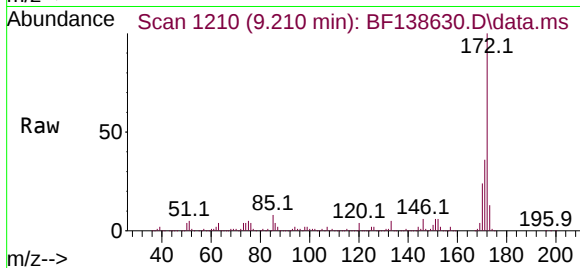
Tgt Ion:172 Resp: 995367

Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.585 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

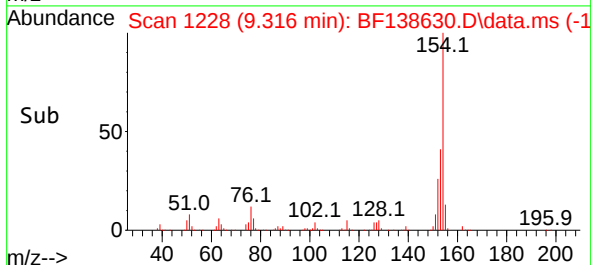
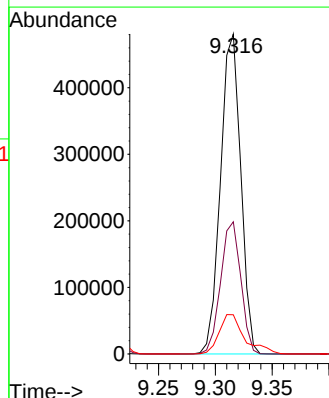
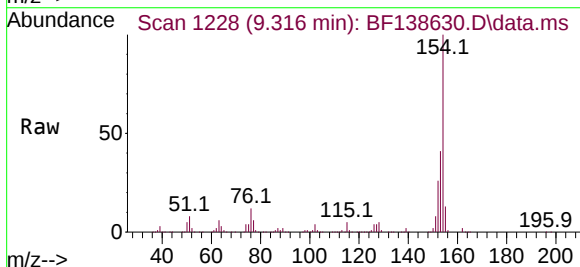
Tgt Ion:154 Resp: 596755

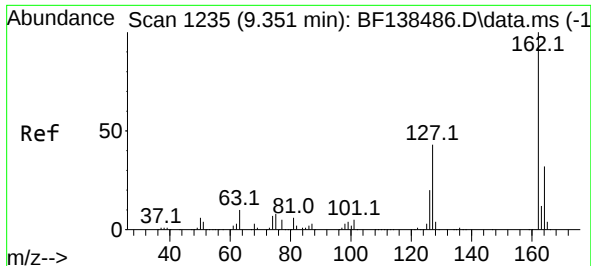
Ion Ratio Lower Upper

154 100

153 41.3 20.7 60.7

76 12.2 0.0 32.2





#47

2-Chloronaphthalene

Concen: 40.846 ng

RT: 9.339 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

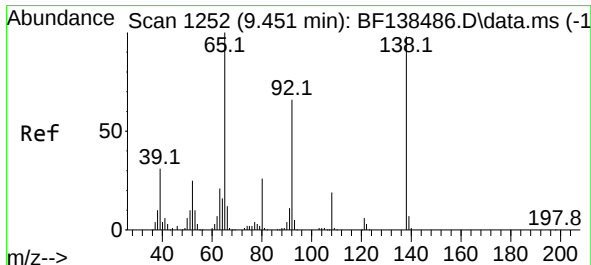
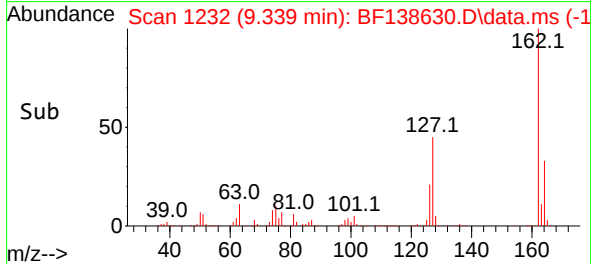
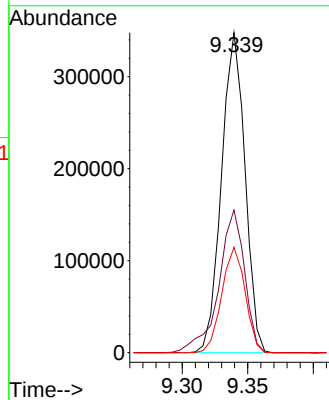
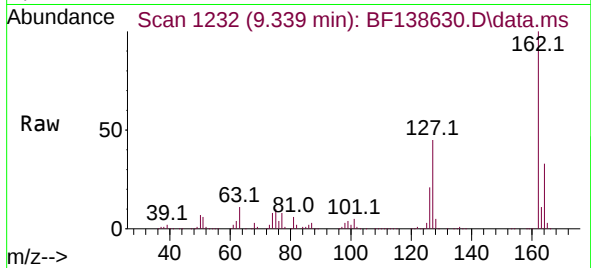
Tgt Ion:162 Resp: 432409

Ion Ratio Lower Upper

162 100

127 44.5 34.8 52.2

164 32.9 25.6 38.4



#48

2-Nitroaniline

Concen: 43.418 ng

RT: 9.434 min Scan# 1248

Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

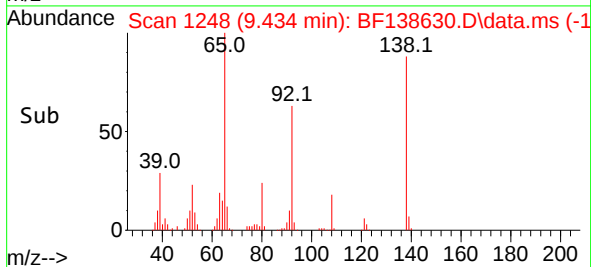
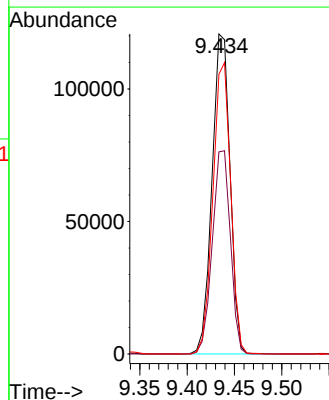
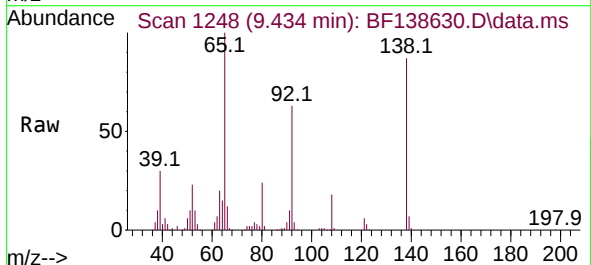
Tgt Ion: 65 Resp: 159279

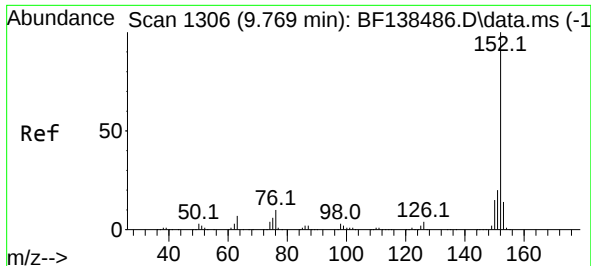
Ion Ratio Lower Upper

65 100

92 63.2 52.6 78.8

138 87.4 78.6 118.0





#49

Acenaphthylene

Concen: 40.416 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

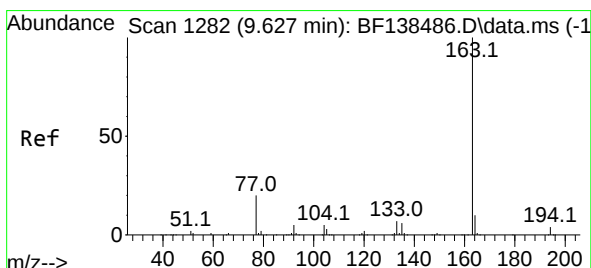
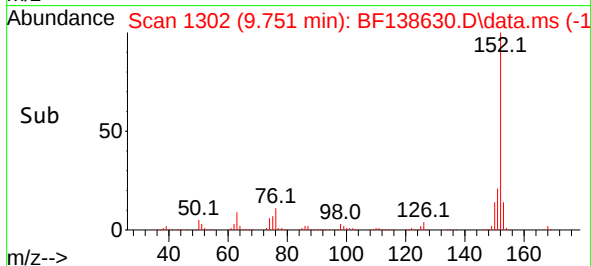
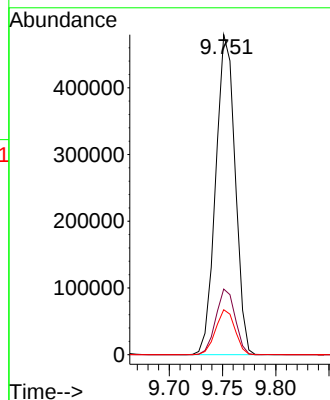
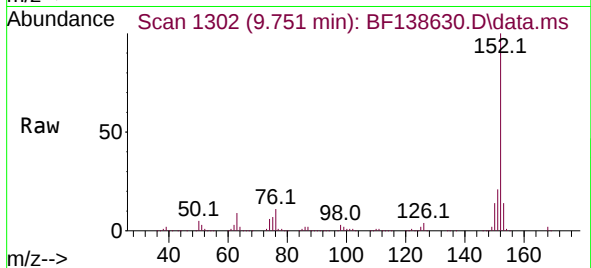
Tgt Ion:152 Resp: 607458

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 14.0 11.3 16.9



#50

Dimethylphthalate

Concen: 42.529 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

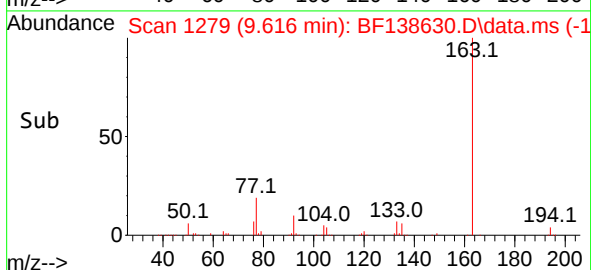
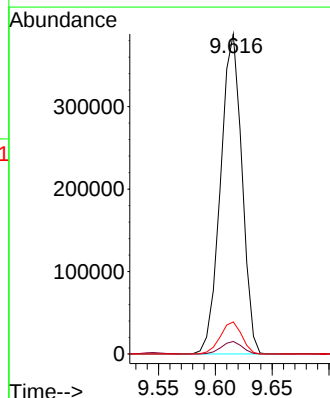
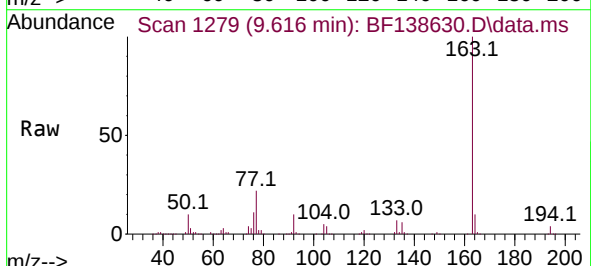
Tgt Ion:163 Resp: 508502

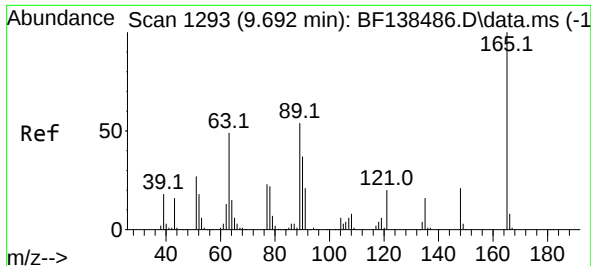
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.0 8.1 12.1

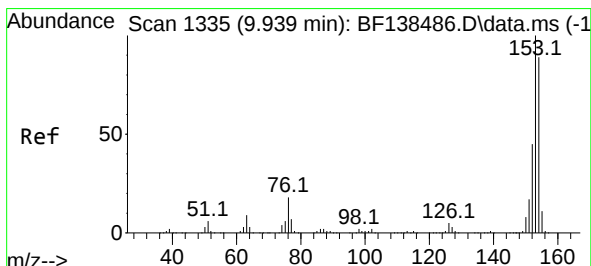
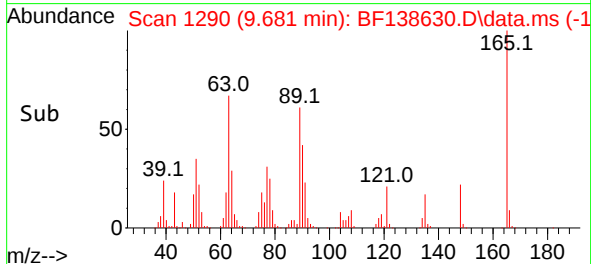
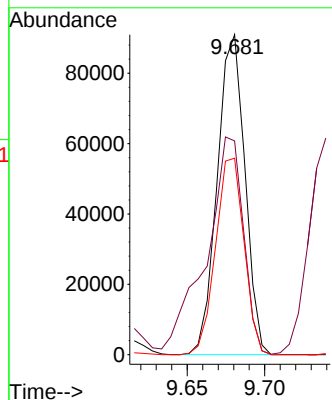
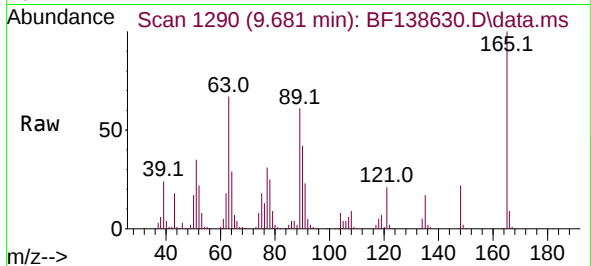




#51  
2,6-Dinitrotoluene  
Concen: 41.090 ng  
RT: 9.681 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

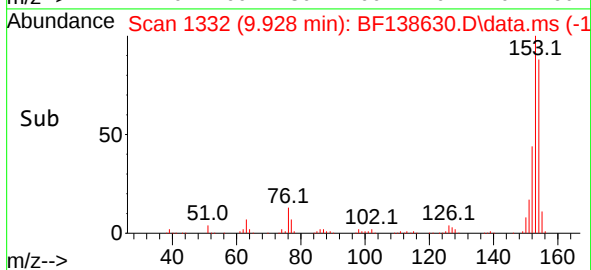
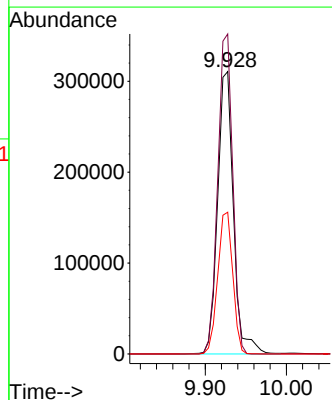
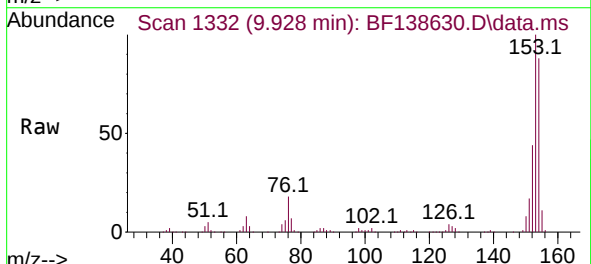
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

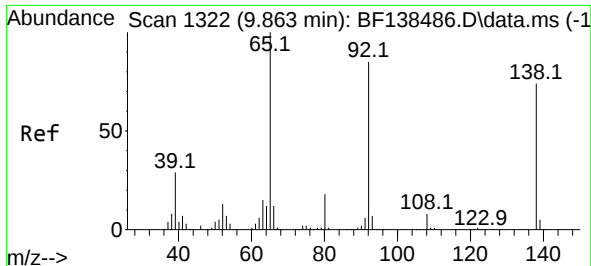
Tgt Ion:165 Resp: 113120  
Ion Ratio Lower Upper  
165 100  
63 66.8 48.1 72.1  
89 61.4 43.0 64.6



#52  
Acenaphthene  
Concen: 42.239 ng  
RT: 9.928 min Scan# 1332  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:154 Resp: 422003  
Ion Ratio Lower Upper  
154 100  
153 113.3 90.4 135.6  
152 50.2 41.1 61.7

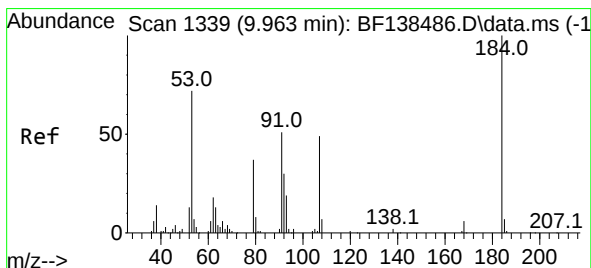
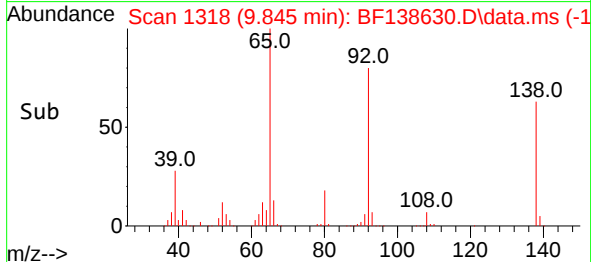
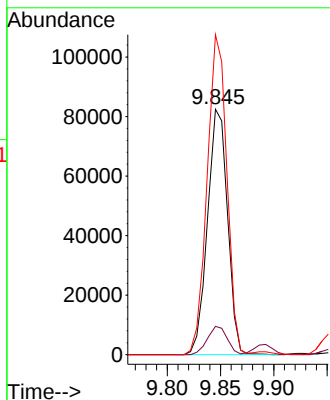
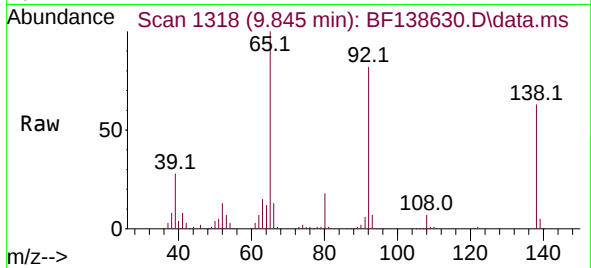




#53  
3-Nitroaniline  
Concen: 38.158 ng  
RT: 9.845 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

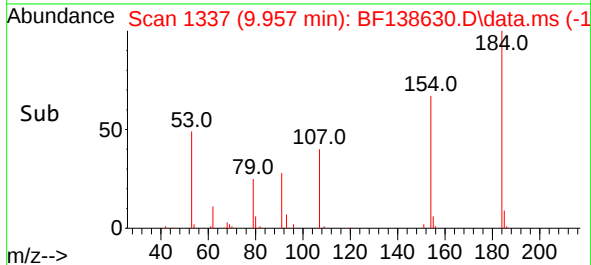
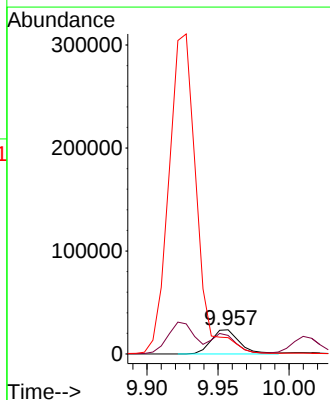
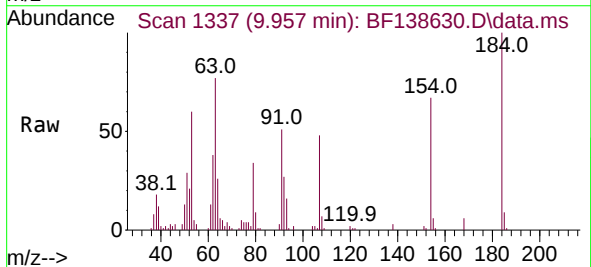
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

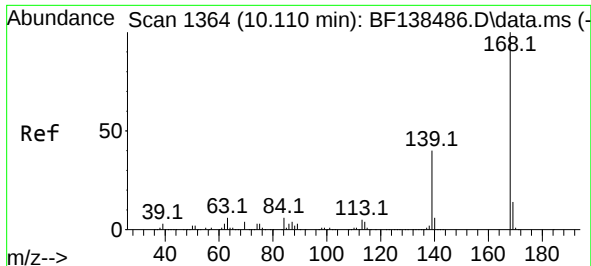
Tgt Ion:138 Resp: 107667  
Ion Ratio Lower Upper  
138 100  
108 11.5 8.3 12.5  
92 130.4 92.6 138.8



#54  
2,4-Dinitrophenol  
Concen: 25.561 ng  
RT: 9.957 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:184 Resp: 32782  
Ion Ratio Lower Upper  
184 100  
63 76.6 70.6 106.0  
154 67.3 53.8 80.6

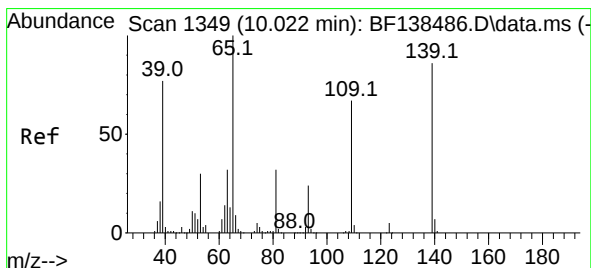
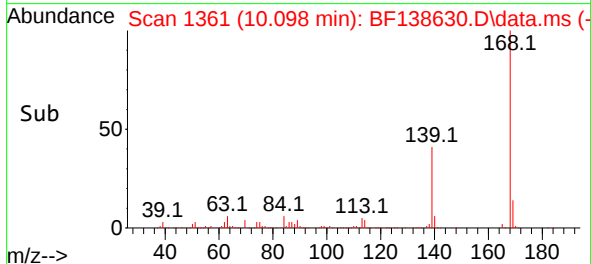
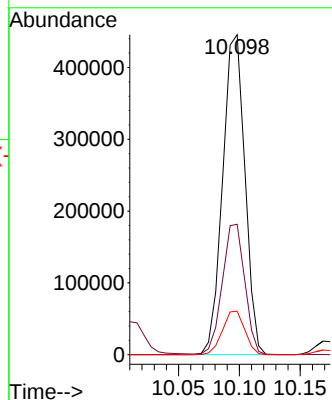
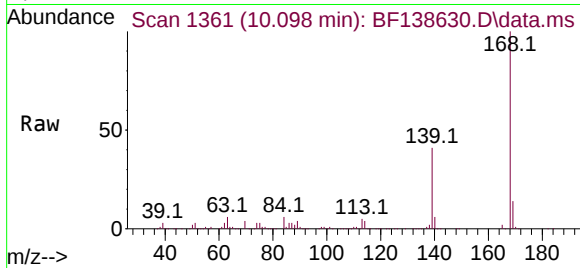




#55  
Dibenzofuran  
Concen: 39.201 ng  
RT: 10.098 min Scan# 1361  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

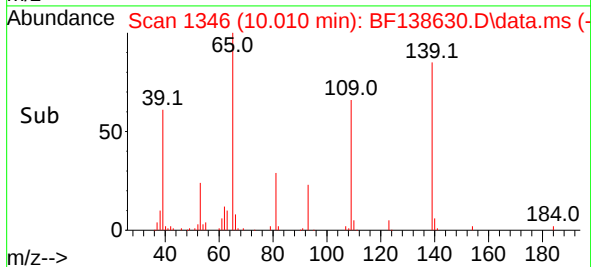
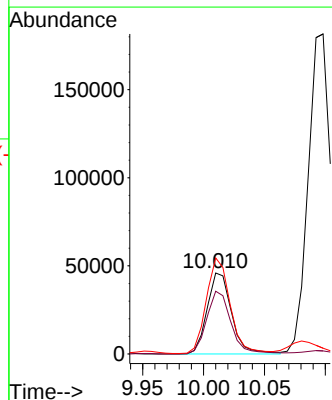
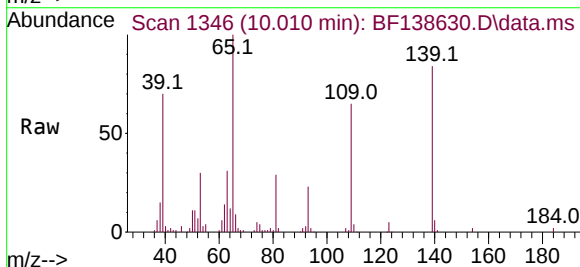
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

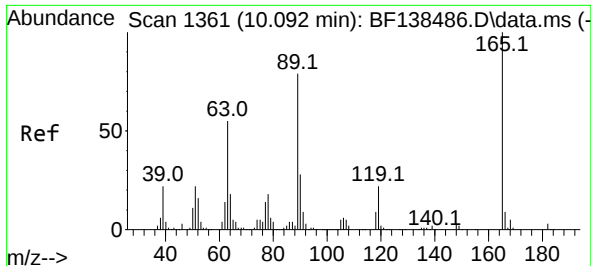
Tgt Ion:168 Resp: 568069  
Ion Ratio Lower Upper  
168 100  
139 40.8 32.4 48.6  
169 13.6 10.9 16.3



#56  
4-Nitrophenol  
Concen: 30.736 ng  
RT: 10.010 min Scan# 1346  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:139 Resp: 63990  
Ion Ratio Lower Upper  
139 100  
109 77.4 58.1 98.1  
65 118.5 96.9 136.9

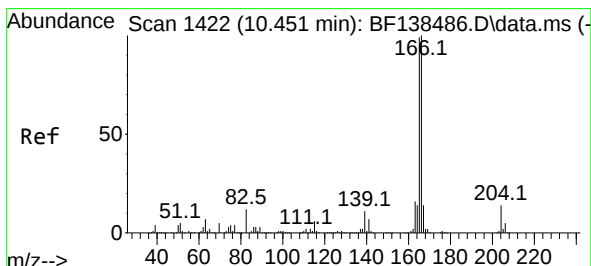
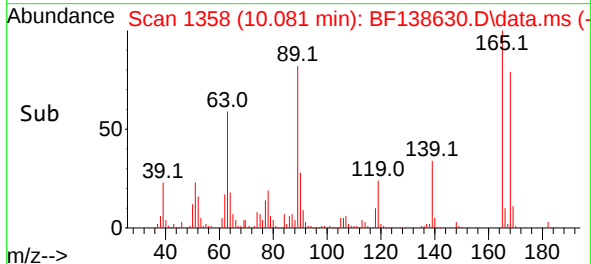
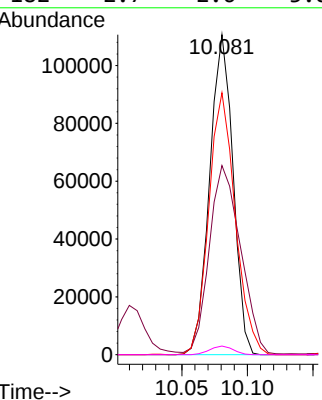
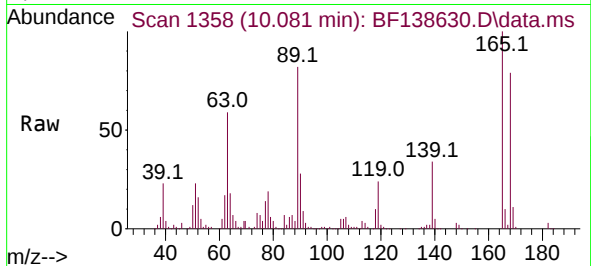




#57  
2,4-Dinitrotoluene  
Concen: 38.416 ng  
RT: 10.081 min Scan# 1419  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

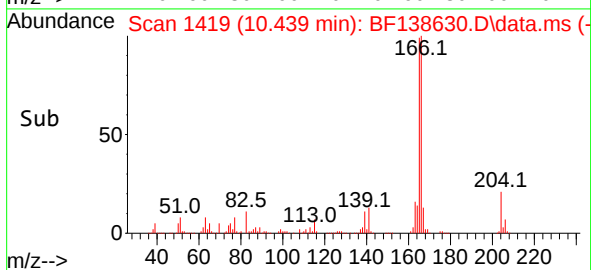
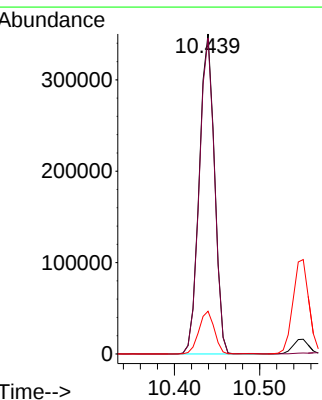
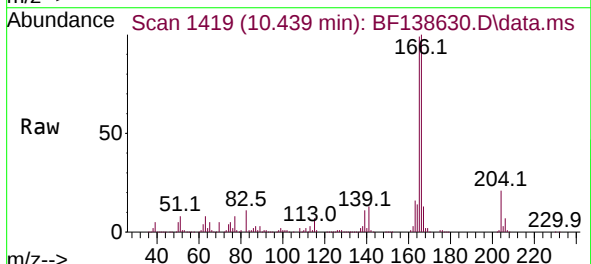
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

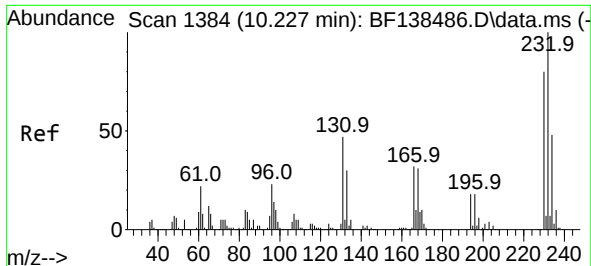
Tgt Ion:165 Resp: 136836  
Ion Ratio Lower Upper  
165 100  
63 59.1 44.6 66.8  
89 81.9 63.4 95.2  
182 2.7 2.6 3.8



#58  
Fluorene  
Concen: 38.003 ng  
RT: 10.439 min Scan# 1419  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:166 Resp: 435758  
Ion Ratio Lower Upper  
166 100  
165 98.7 79.1 118.7  
167 13.3 11.0 16.6

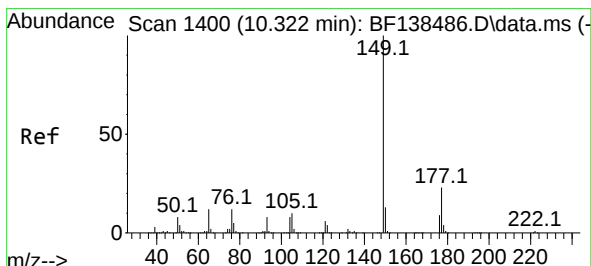
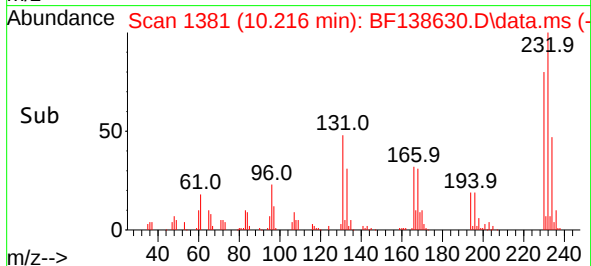
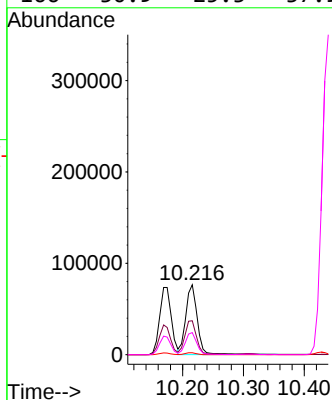
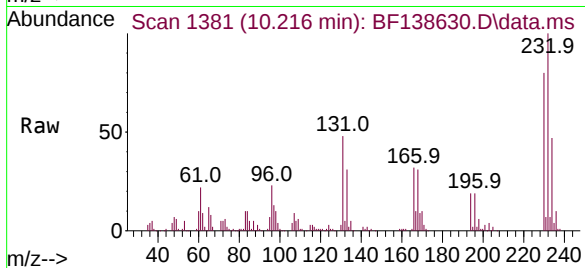




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 35.033 ng  
RT: 10.216 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

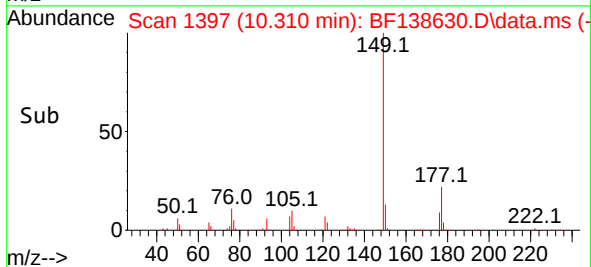
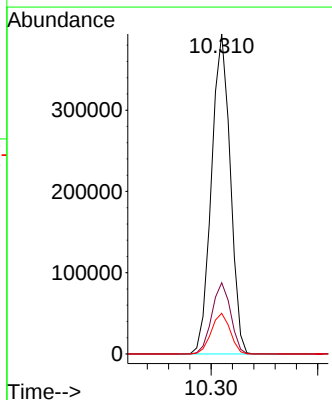
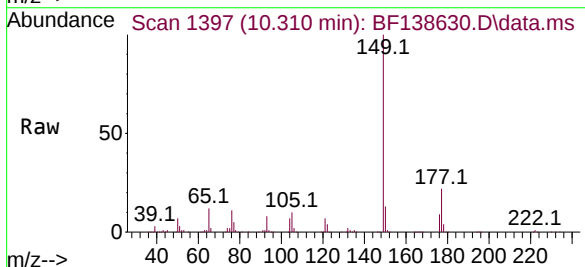
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

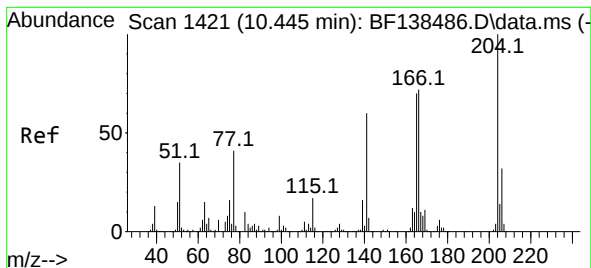
Tgt Ion:232 Resp: 99968  
Ion Ratio Lower Upper  
232 100  
131 49.2 37.5 56.3  
130 2.7 2.0 3.0  
166 30.9 25.3 37.9



#60  
Diethylphthalate  
Concen: 41.734 ng  
RT: 10.310 min Scan# 1397  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:149 Resp: 481052  
Ion Ratio Lower Upper  
149 100  
177 22.2 18.5 27.7  
150 12.7 10.3 15.5

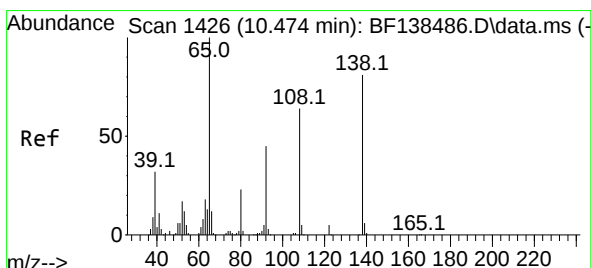
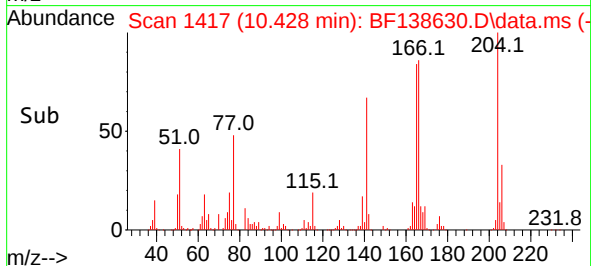
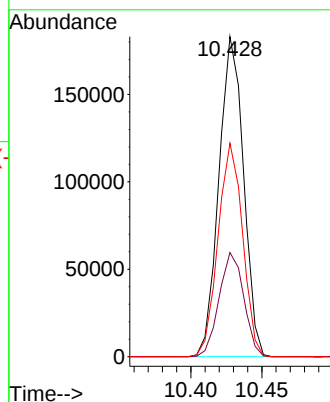
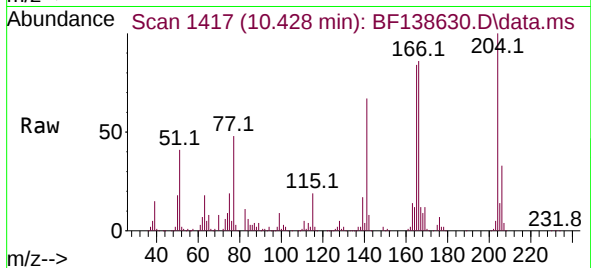




#61  
4-Chlorophenyl-phenylether  
Concen: 38.309 ng  
RT: 10.428 min Scan# 1417  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

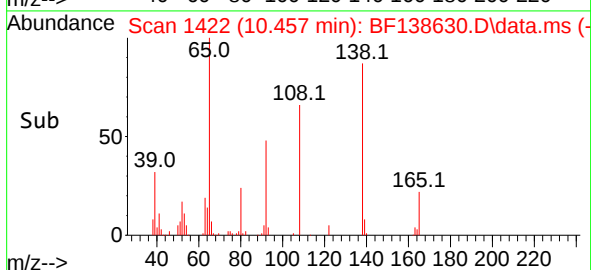
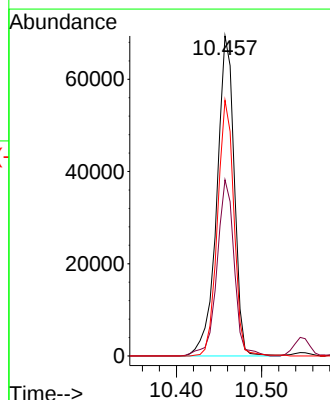
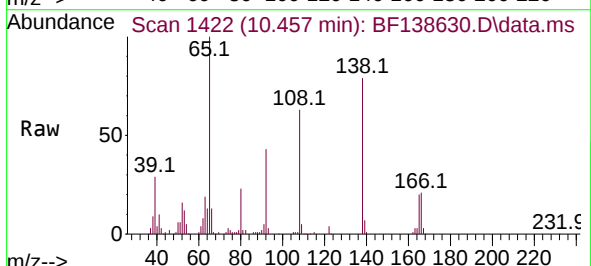
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

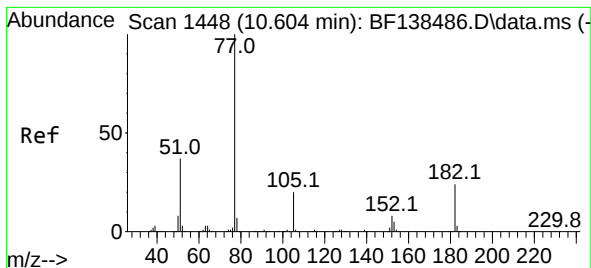
Tgt Ion:204 Resp: 220573  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.6 38.4  
141 66.7 47.7 71.5



#62  
4-Nitroaniline  
Concen: 34.928 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:138 Resp: 98756  
Ion Ratio Lower Upper  
138 100  
92 55.1 35.8 75.8  
108 79.9 59.8 99.8





#63

Azobenzene

Concen: 39.351 ng

RT: 10.586 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 487656

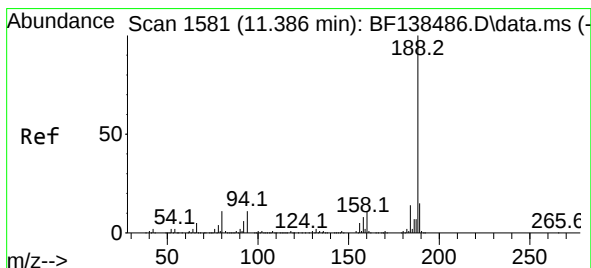
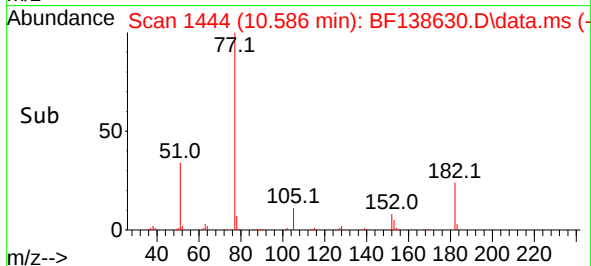
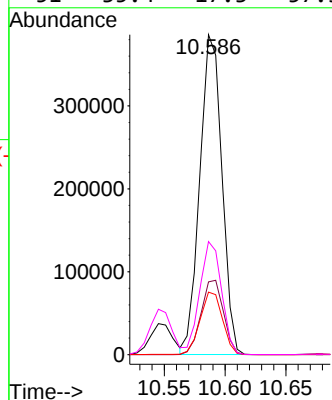
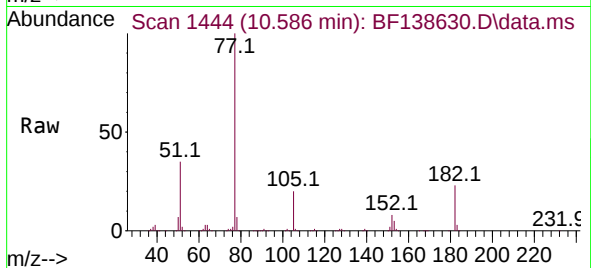
Ion Ratio Lower Upper

77 100

182 22.8 3.8 43.8

105 19.6 0.0 39.8

51 35.4 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

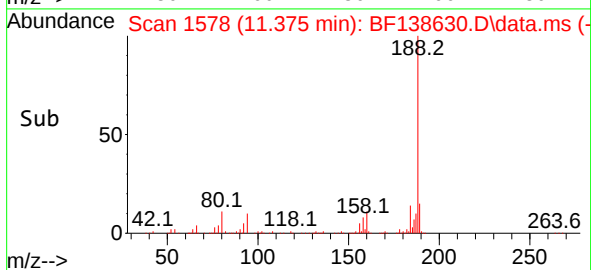
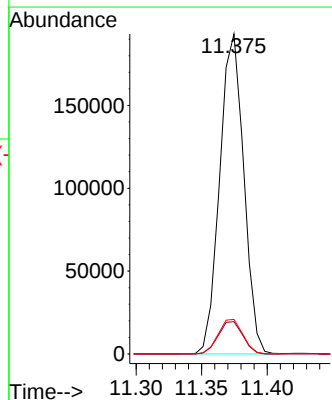
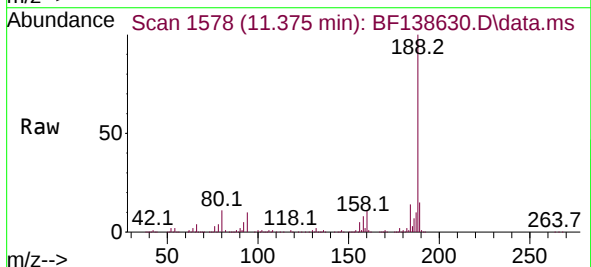
Tgt Ion: 188 Resp: 245998

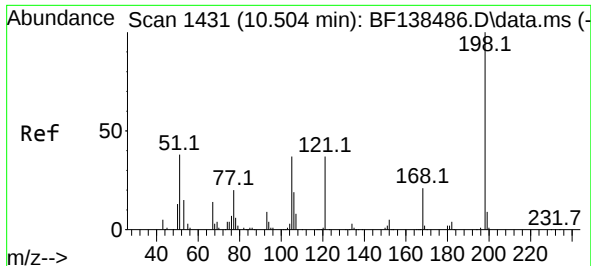
Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

80 10.8 9.0 13.4

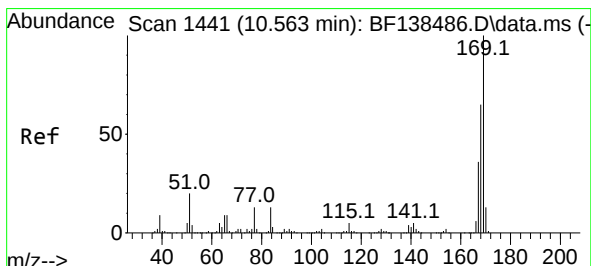
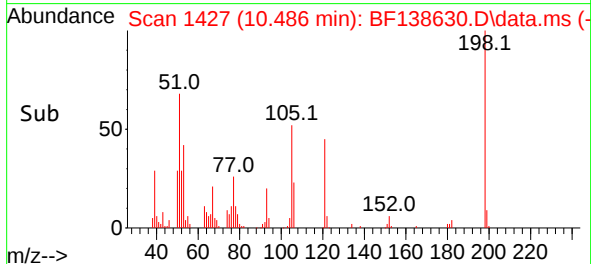
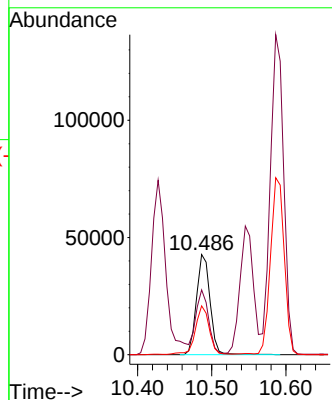
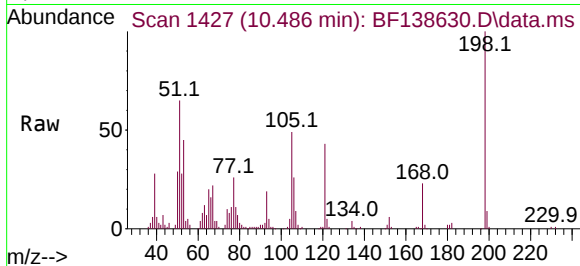




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.202 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

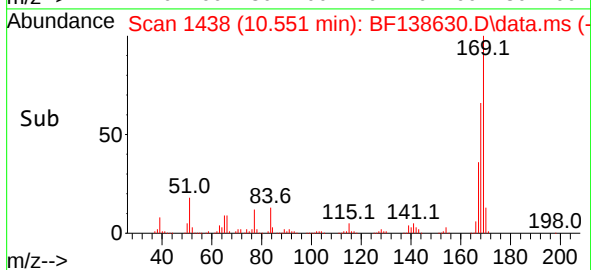
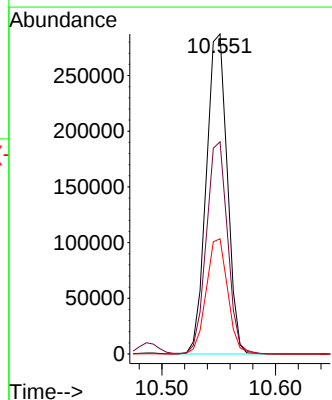
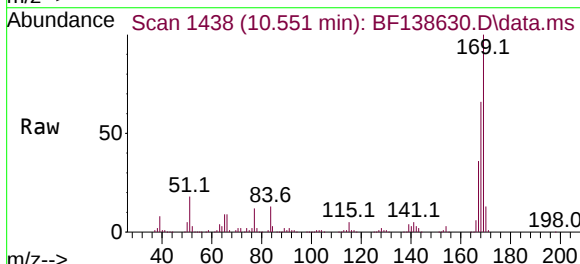
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

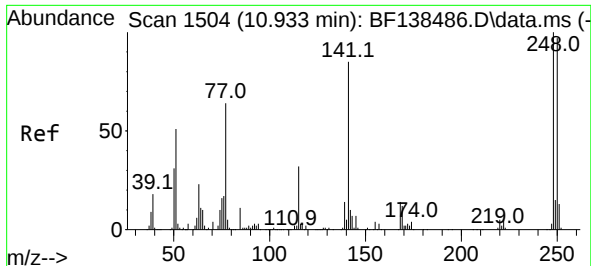
Tgt Ion:198 Resp: 54263  
Ion Ratio Lower Upper  
198 100  
51 64.8 27.2 67.2  
105 48.8 18.5 58.5



#66  
n-Nitrosodiphenylamine  
Concen: 49.847 ng  
RT: 10.551 min Scan# 1438  
Delta R.T. -0.012 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:169 Resp: 367383  
Ion Ratio Lower Upper  
169 100  
168 66.3 51.7 77.5  
167 36.0 28.5 42.7

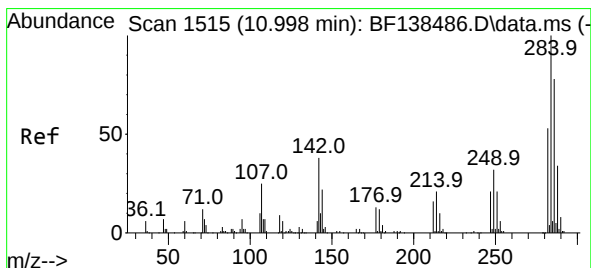
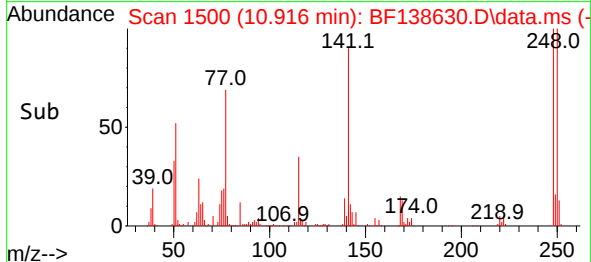
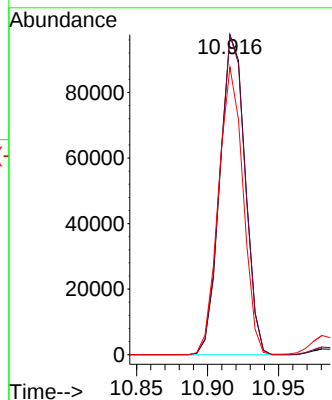
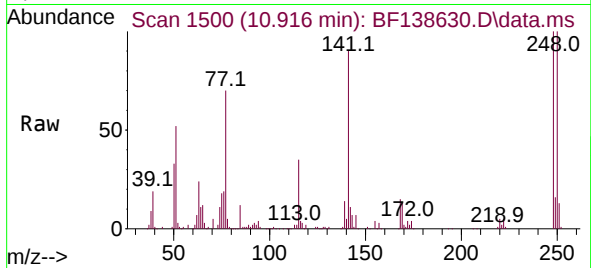




#67  
4-Bromophenyl-phenylether  
Concen: 47.460 ng  
RT: 10.916 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

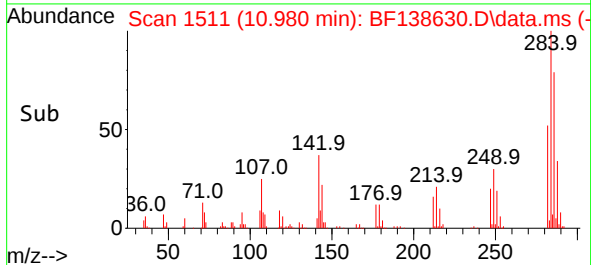
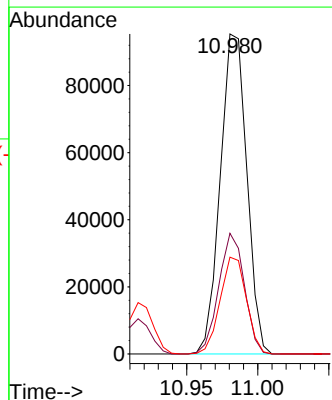
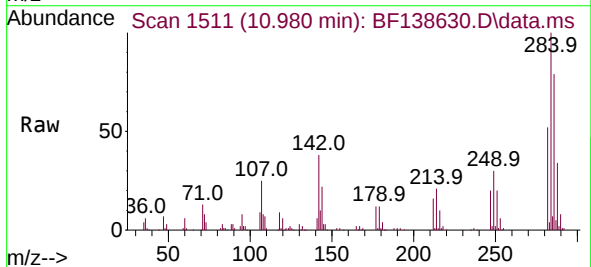
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

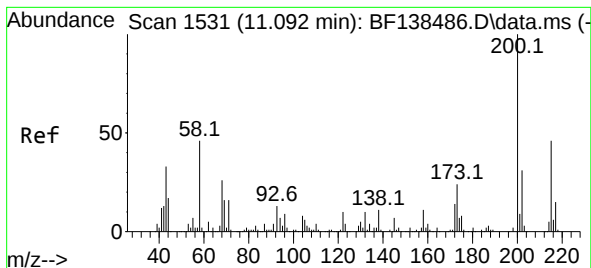
Tgt Ion:248 Resp: 119999  
Ion Ratio Lower Upper  
248 100  
250 99.8 77.9 116.9  
141 89.9 67.7 101.5



#68  
Hexachlorobenzene  
Concen: 44.110 ng  
RT: 10.980 min Scan# 1511  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:284 Resp: 123900  
Ion Ratio Lower Upper  
284 100  
142 37.7 30.5 45.7  
249 30.2 25.9 38.9





#69

Atrazine

Concen: 33.085 ng

RT: 11.069 min Scan# 1

Delta R.T. -0.023 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

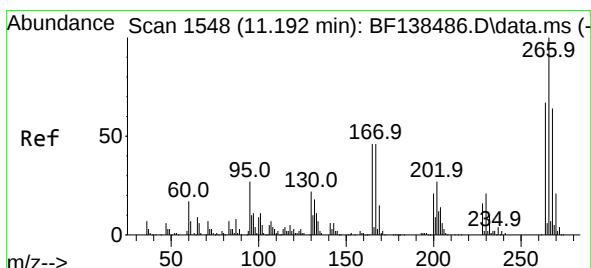
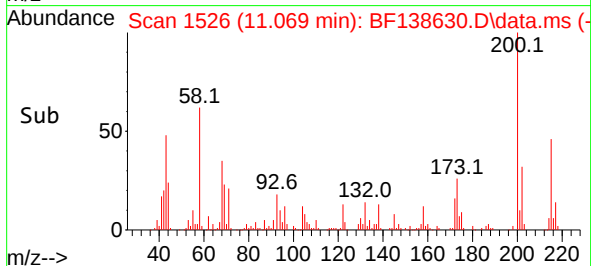
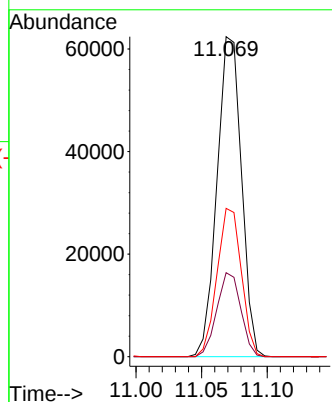
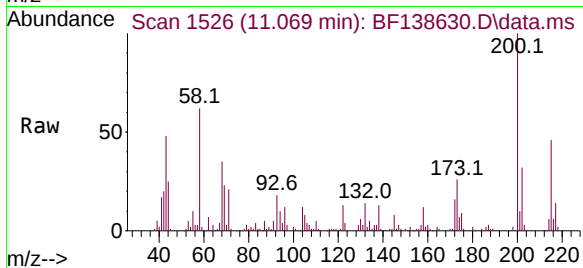
Tgt Ion:200 Resp: 80845

Ion Ratio Lower Upper

200 100

173 26.3 4.1 44.1

215 46.3 26.5 66.5



#70

Pentachlorophenol

Concen: 34.202 ng

RT: 11.180 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

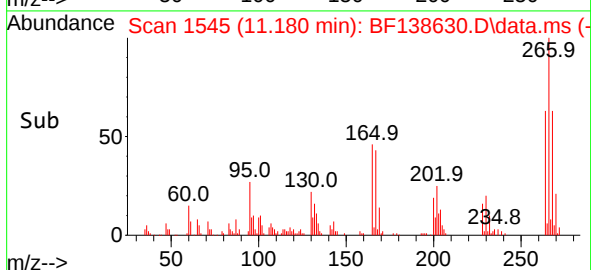
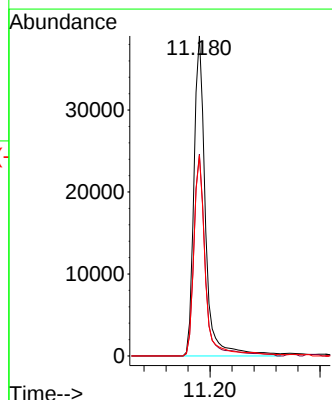
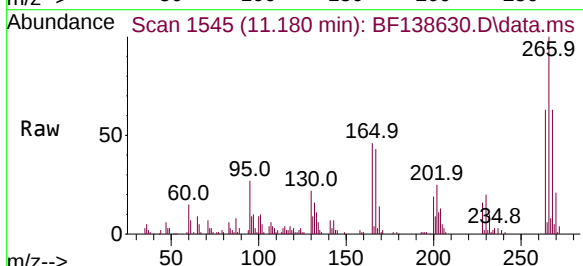
Tgt Ion:266 Resp: 56847

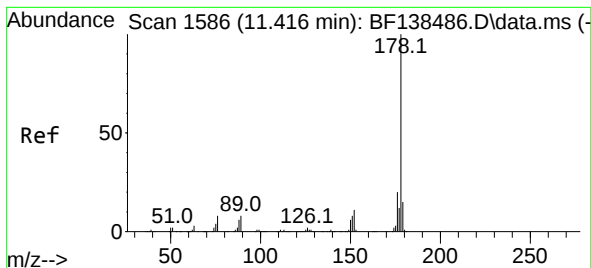
Ion Ratio Lower Upper

266 100

268 63.1 50.9 76.3

264 62.6 53.5 80.3





#71

Phenanthrene

Concen: 40.533 ng

RT: 11.398 min Scan# 1586

Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

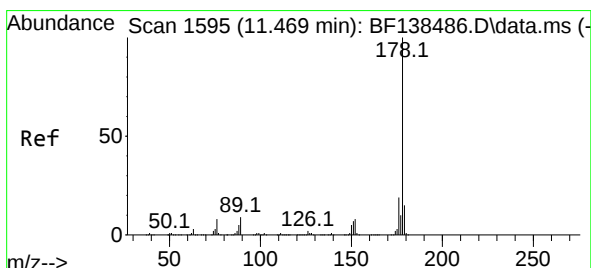
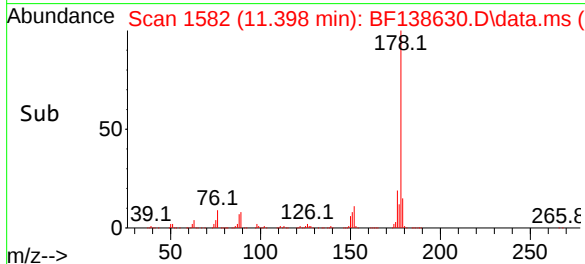
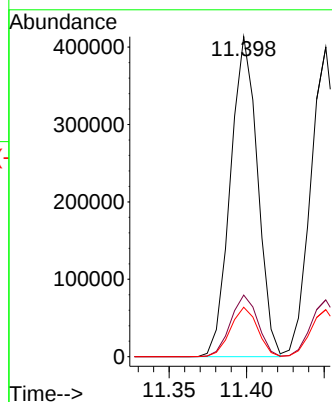
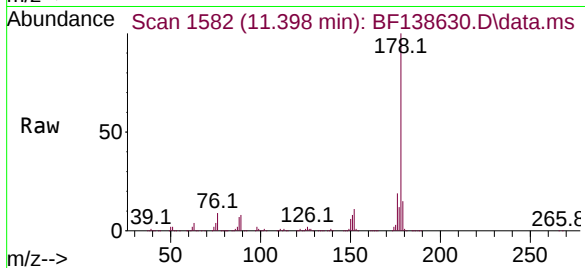
Tgt Ion:178 Resp: 503749

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 15.5 12.2 18.2



#72

Anthracene

Concen: 40.164 ng

RT: 11.451 min Scan# 1591

Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

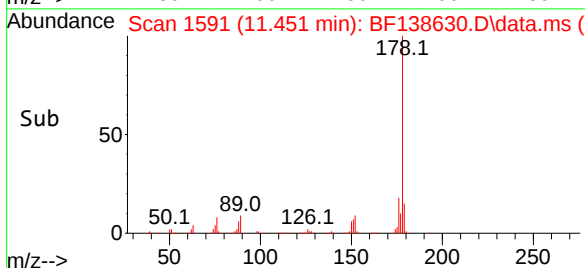
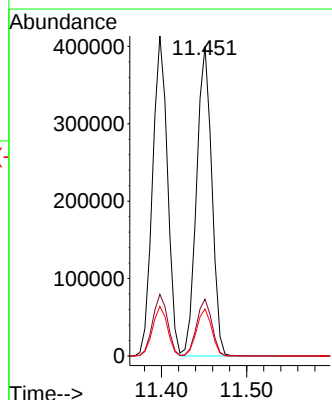
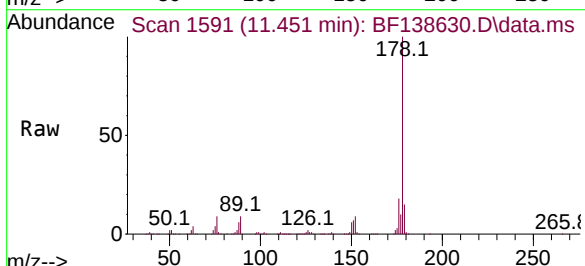
Tgt Ion:178 Resp: 495493

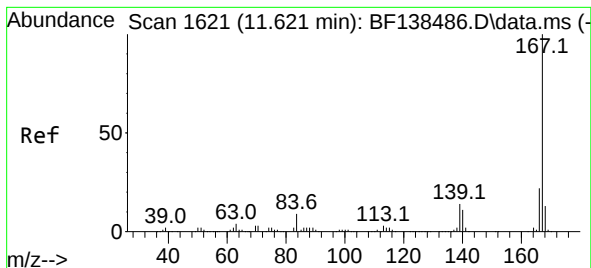
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.2 12.2 18.4





#73

Carbazole

Concen: 37.179 ng

RT: 11.604 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

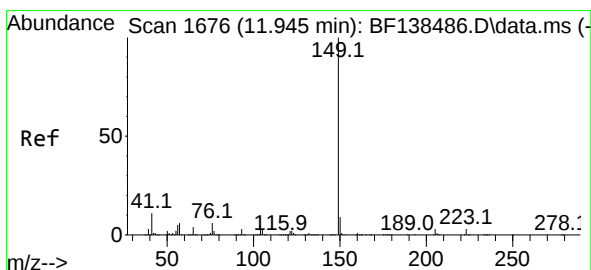
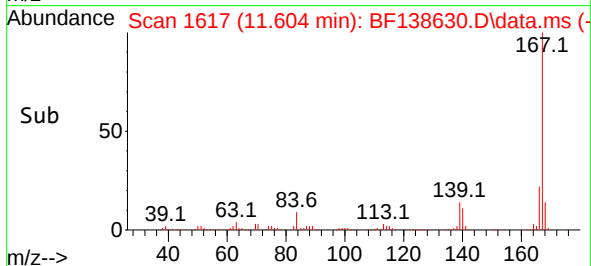
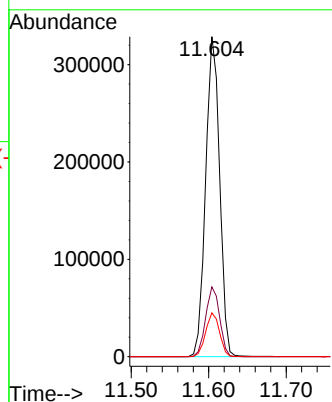
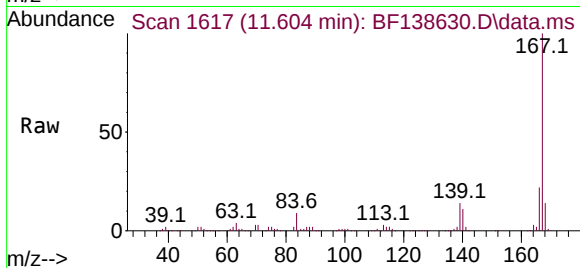
Tgt Ion:167 Resp: 412192

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

139 13.7 11.0 16.4



#74

Di-n-butylphthalate

Concen: 45.676 ng

RT: 11.933 min Scan# 1673

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

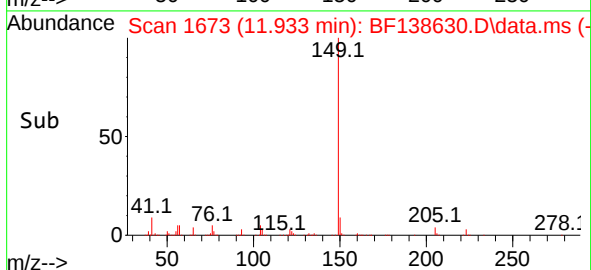
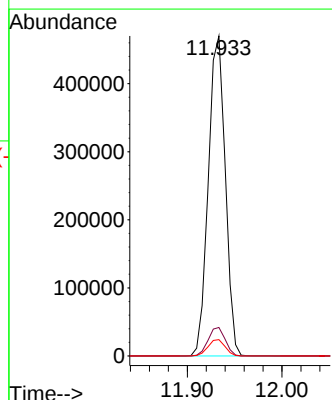
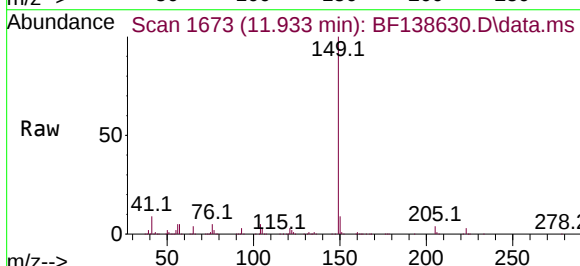
Tgt Ion:149 Resp: 583714

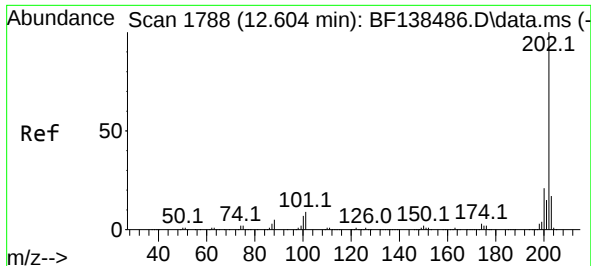
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.1 4.4 6.6

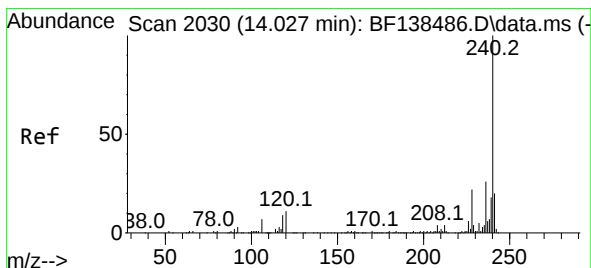
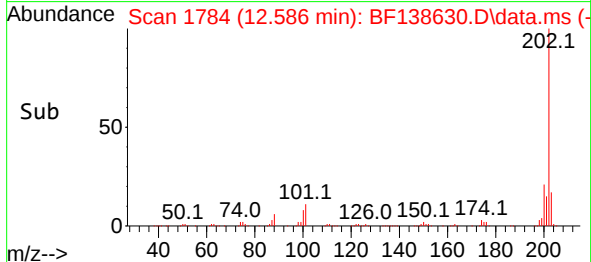
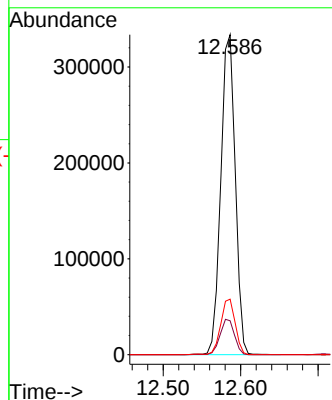
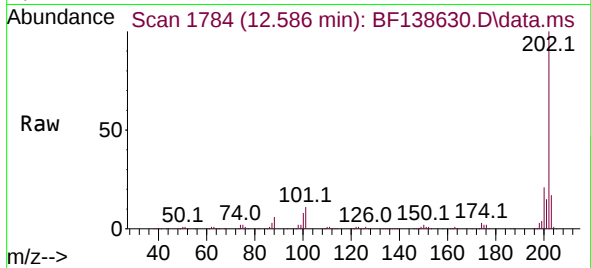




#75  
Fluoranthene  
Concen: 34.125 ng  
RT: 12.586 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

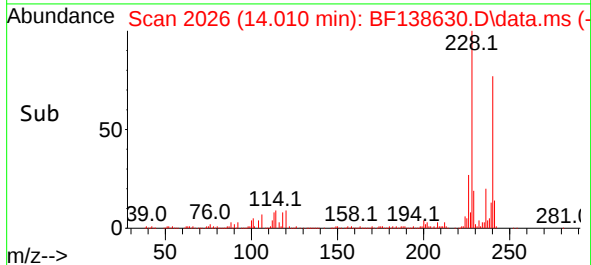
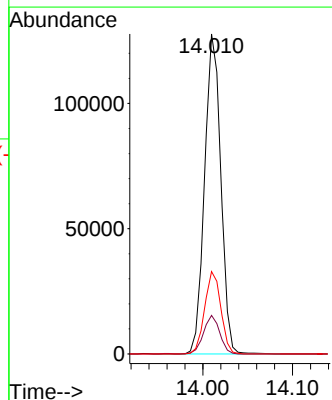
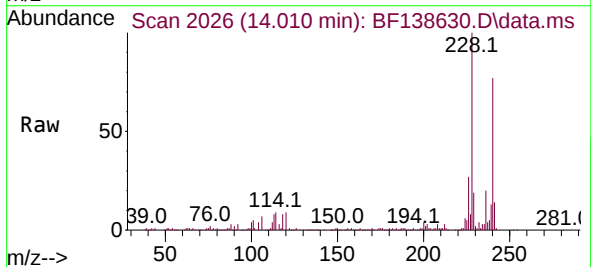
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

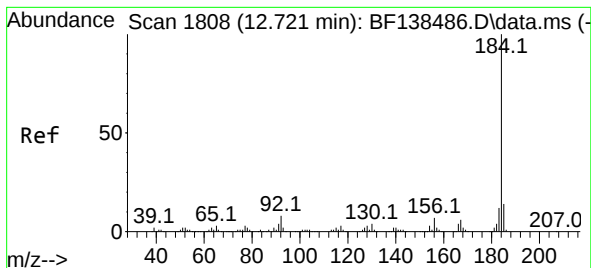
Tgt Ion:202 Resp: 432755  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 29.2  
203 17.3 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 2026  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:240 Resp: 160441  
Ion Ratio Lower Upper  
240 100  
120 12.0 8.6 12.8  
236 25.8 21.0 31.6

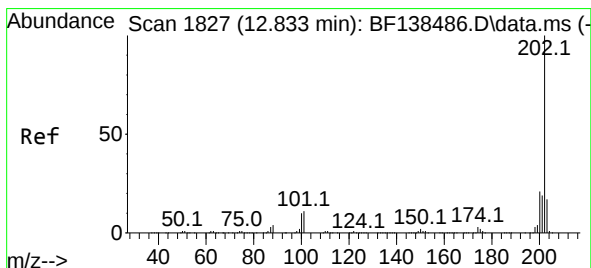
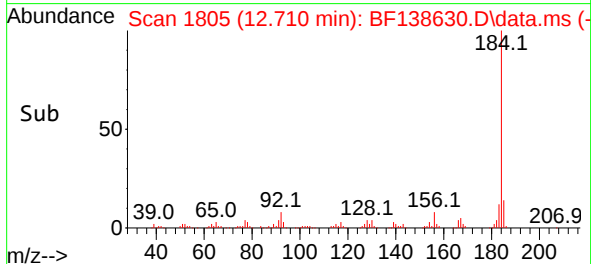
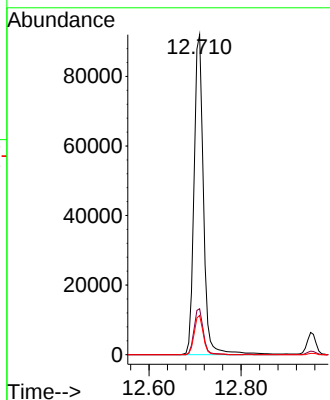
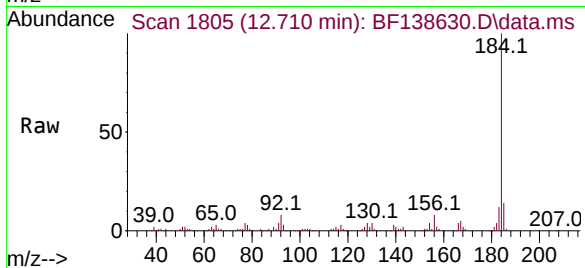




#77  
Benzidine  
Concen: 32.276 ng  
RT: 12.710 min Scan# 1805  
Delta R.T. -0.011 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

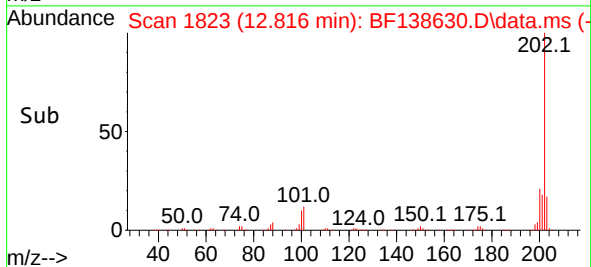
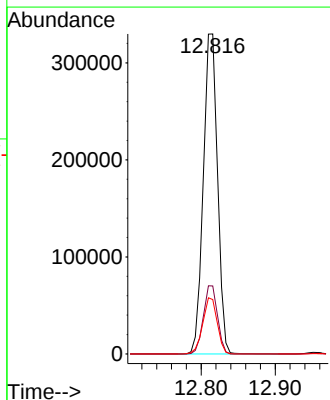
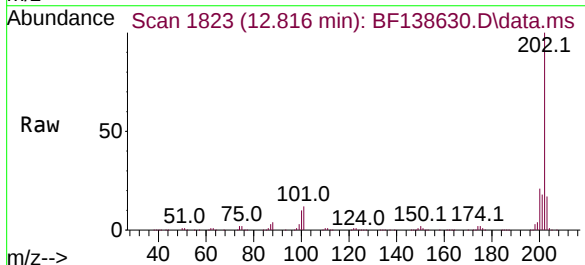
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

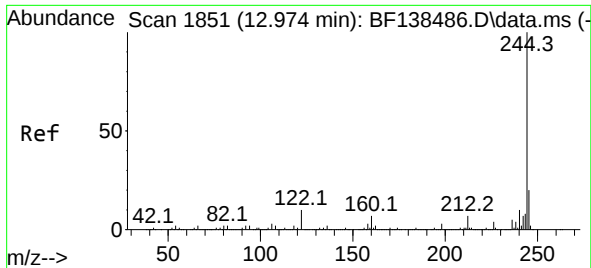
Tgt Ion:184 Resp: 130652  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.3 16.9  
183 12.2 9.5 14.3



#78  
Pyrene  
Concen: 27.043 ng  
RT: 12.816 min Scan# 1823  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

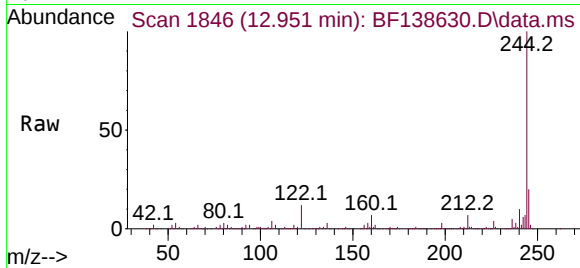
Tgt Ion:202 Resp: 440452  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.6  
203 17.0 13.7 20.5



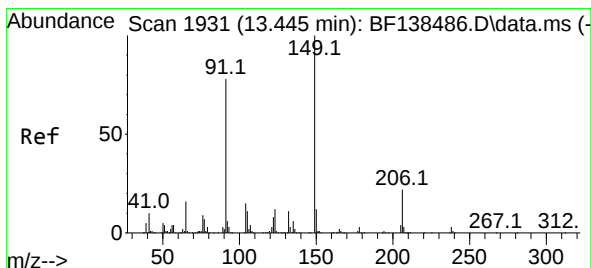
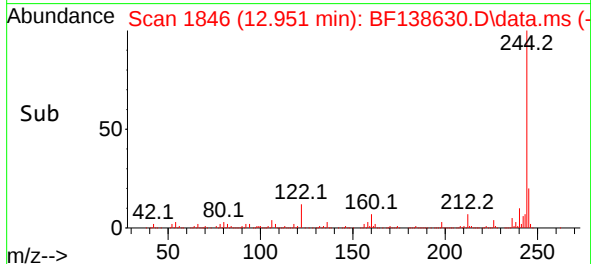
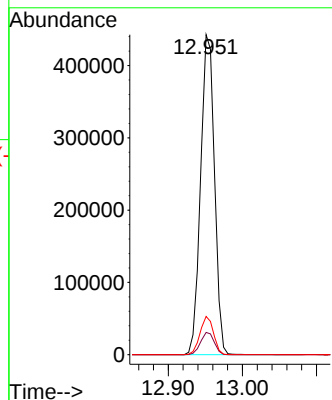


#79  
 Terphenyl-d14  
 Concen: 58.504 ng  
 RT: 12.951 min Scan# 11  
 Delta R.T. -0.023 min  
 Lab File: BF138630.D  
 Acq: 23 Jul 2024 21:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

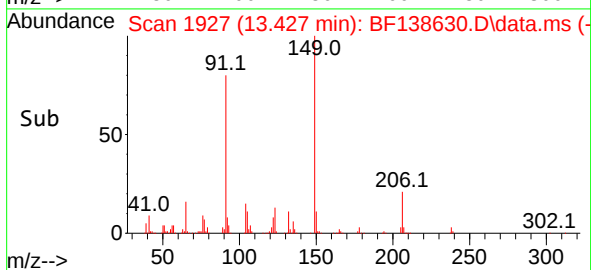
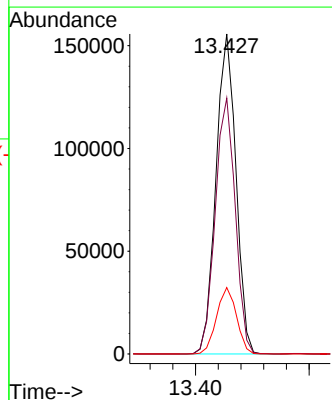
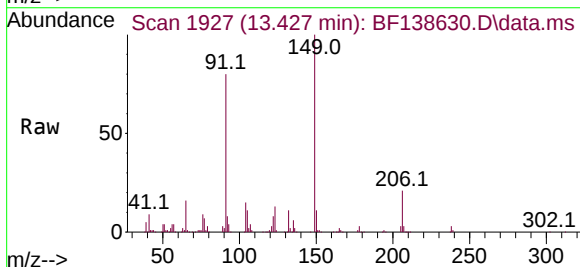


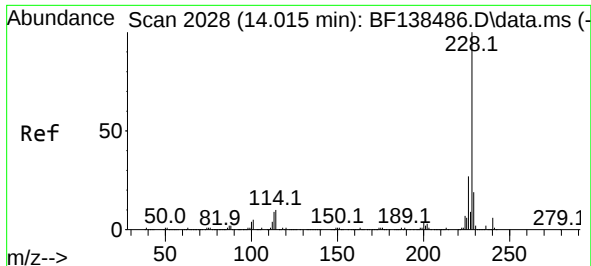
Tgt Ion:244 Resp: 576165  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 12.0 7.8 11.8#



#80  
 Butylbenzylphthalate  
 Concen: 38.834 ng  
 RT: 13.427 min Scan# 1927  
 Delta R.T. -0.017 min  
 Lab File: BF138630.D  
 Acq: 23 Jul 2024 21:09

Tgt Ion:149 Resp: 190262  
 Ion Ratio Lower Upper  
 149 100  
 91 79.9 62.1 93.1  
 206 20.8 18.0 27.0

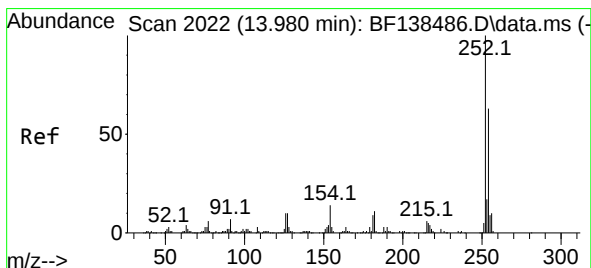
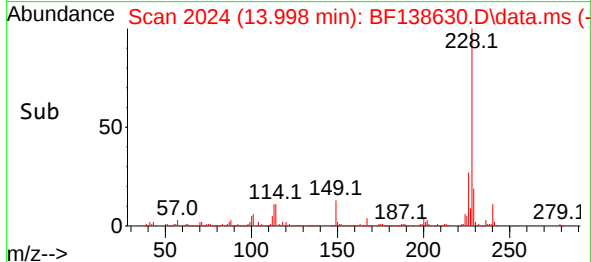
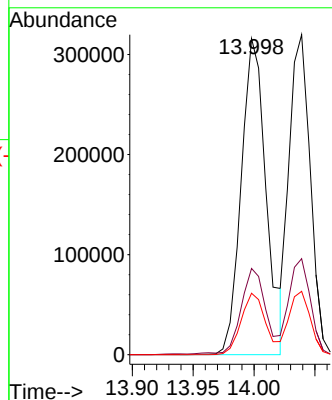
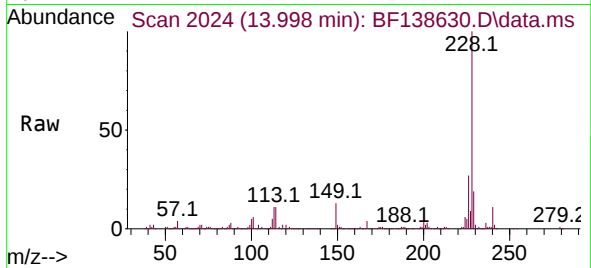




#81  
Benzo(a)anthracene  
Concen: 41.868 ng  
RT: 13.998 min Scan# 2018  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

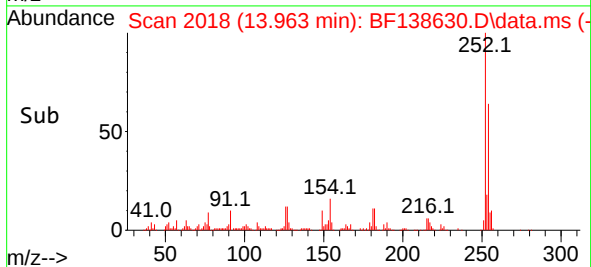
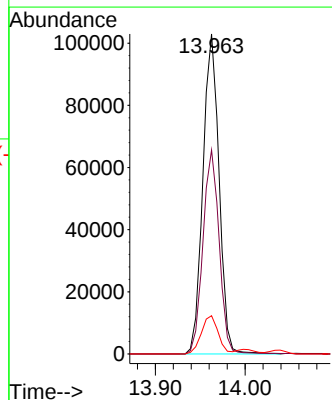
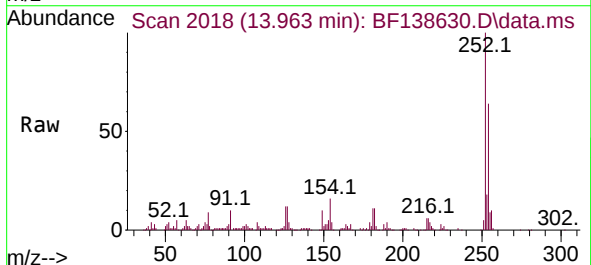
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

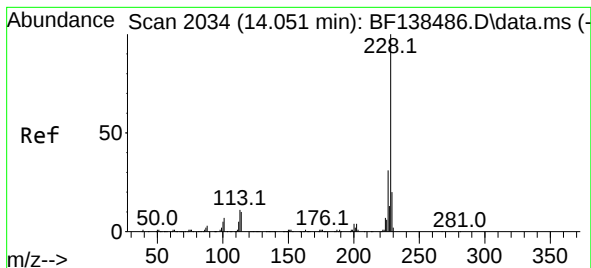
Tgt Ion:228 Resp: 450733  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.9 32.9  
229 19.4 15.5 23.3



#82  
3,3'-Dichlorobenzidine  
Concen: 46.409 ng  
RT: 13.963 min Scan# 2018  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:252 Resp: 128740  
Ion Ratio Lower Upper  
252 100  
254 63.8 50.3 75.5  
126 11.9 8.1 12.1





#83

Chrysene

Concen: 37.858 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

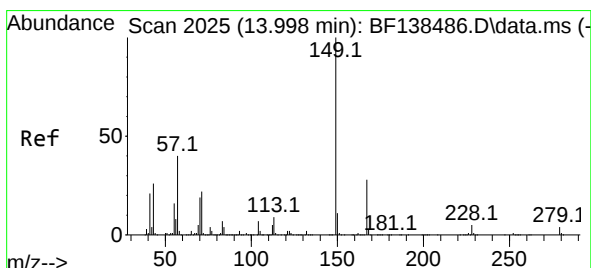
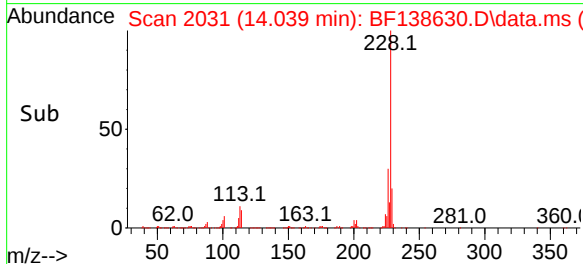
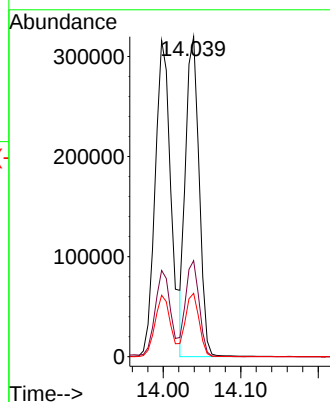
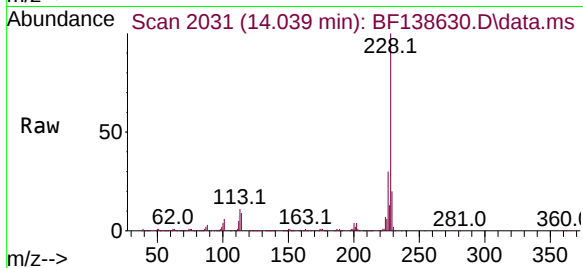
Tgt Ion:228 Resp: 385562

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.689 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

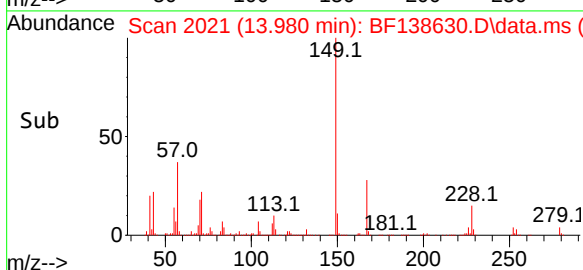
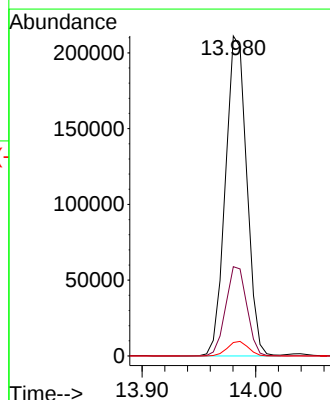
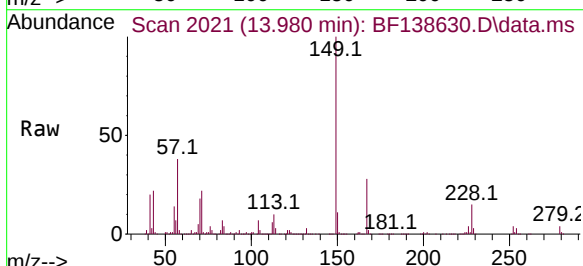
Tgt Ion:149 Resp: 275316

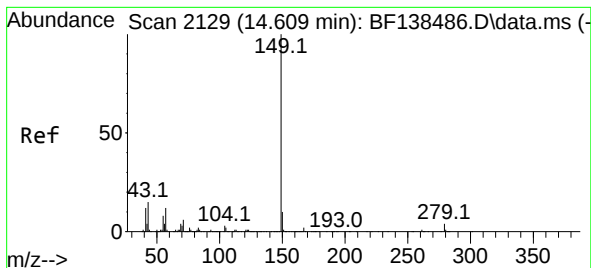
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 60.736 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

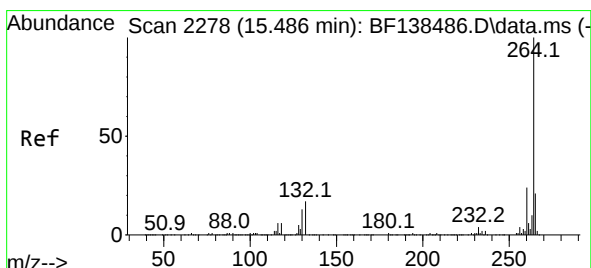
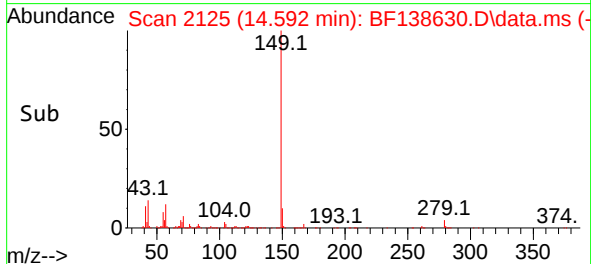
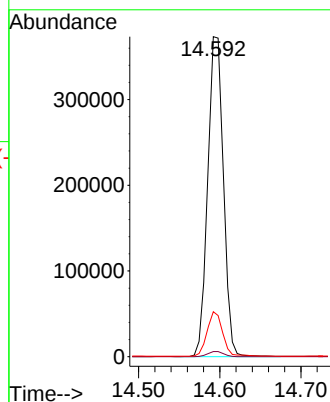
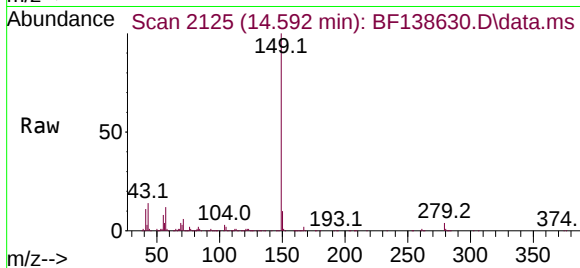
Tgt Ion:149 Resp: 501354

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.8 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

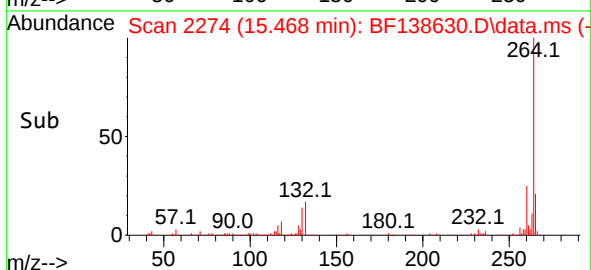
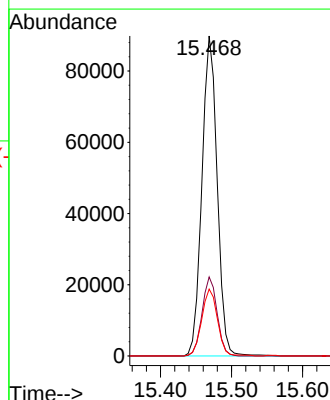
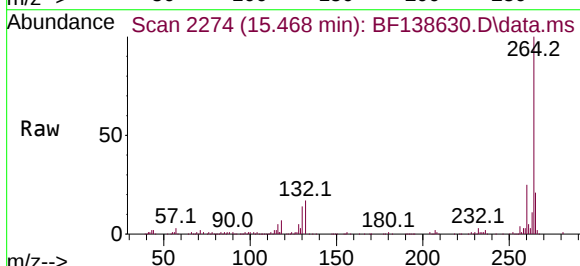
Tgt Ion:264 Resp: 134497

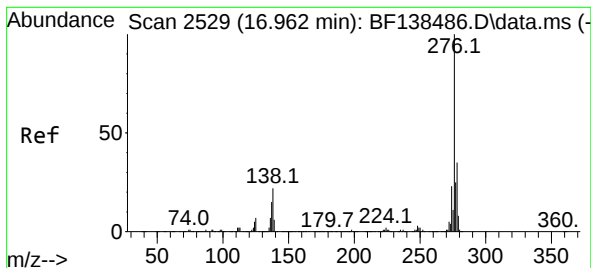
Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.6

265 20.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 27.048 ng

RT: 16.933 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

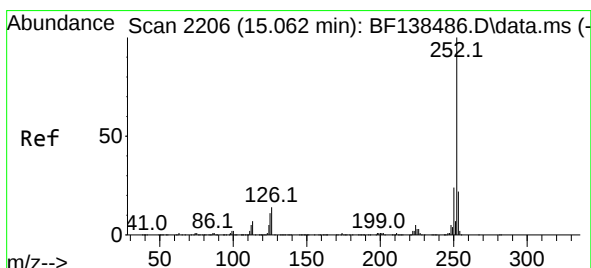
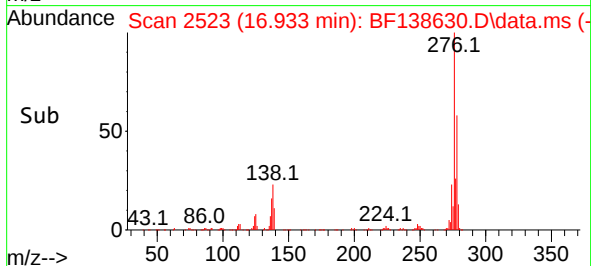
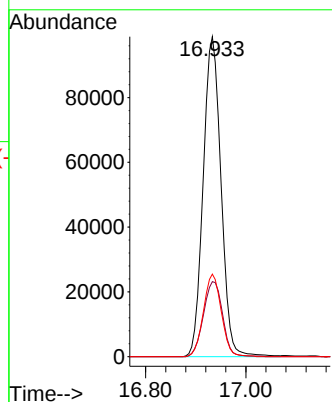
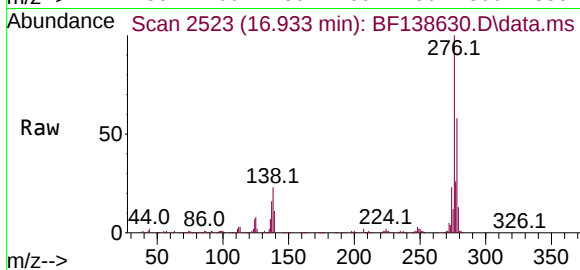
Tgt Ion:276 Resp: 244361

Ion Ratio Lower Upper

276 100

138 25.2 19.6 29.4

277 25.8 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 47.070 ng

RT: 15.045 min Scan# 2202

Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

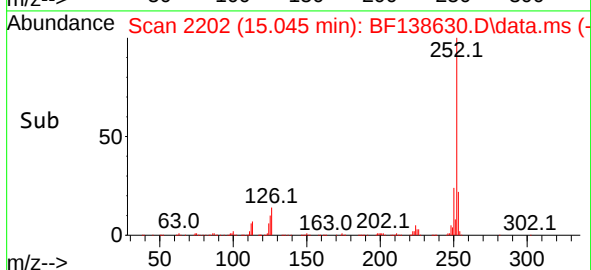
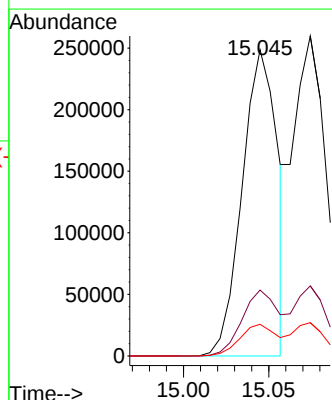
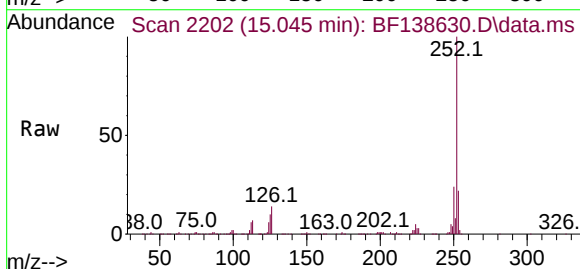
Tgt Ion:252 Resp: 356531

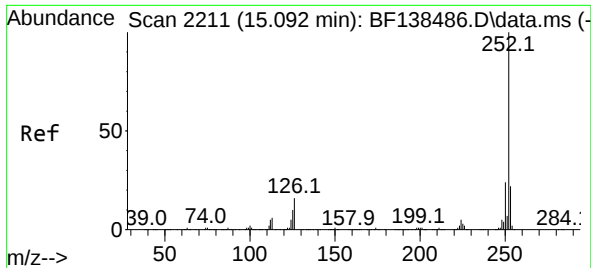
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 10.4 8.6 13.0

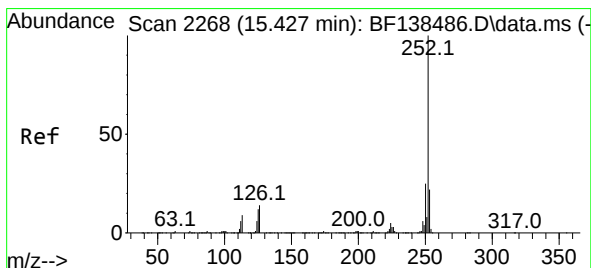
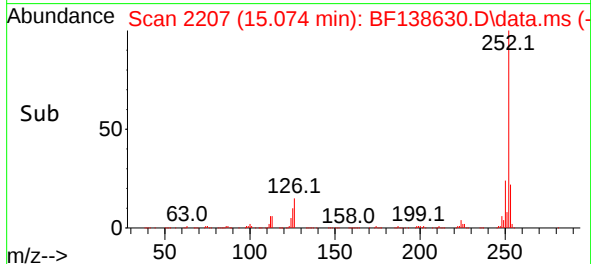
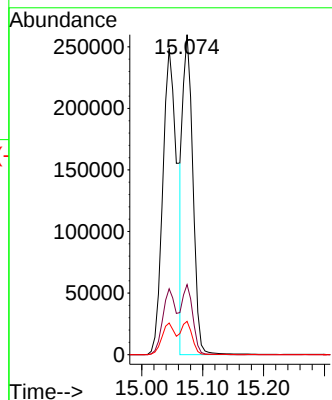
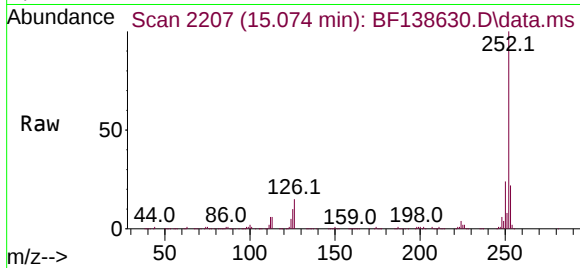




#89  
Benzo(k)fluoranthene  
Concen: 40.710 ng  
RT: 15.074 min Scan# 21  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

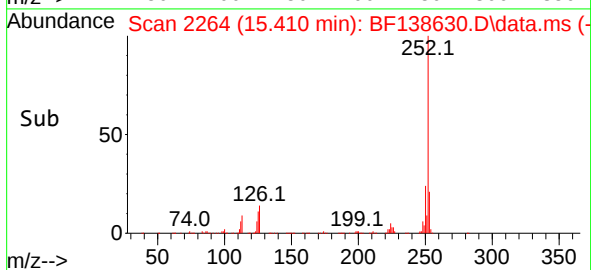
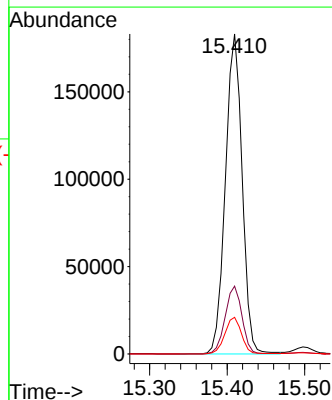
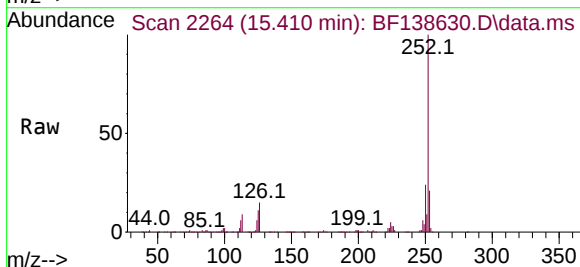
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

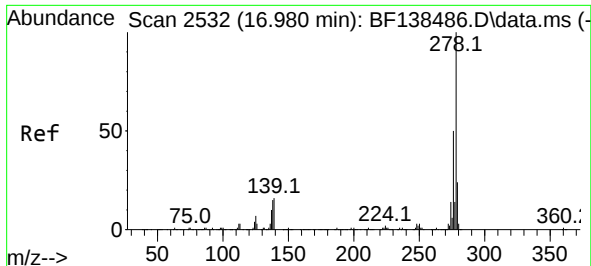
Tgt Ion:252 Resp: 300736  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.7 26.5  
125 10.4 8.1 12.1



#90  
Benzo(a)pyrene  
Concen: 41.373 ng  
RT: 15.410 min Scan# 2264  
Delta R.T. -0.017 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:252 Resp: 275290  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.4 26.0  
125 11.4 9.4 14.2

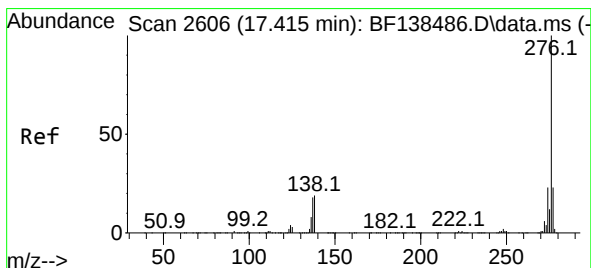
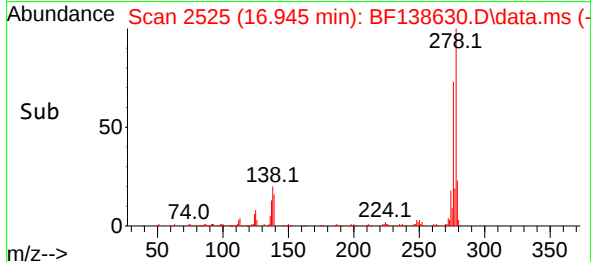
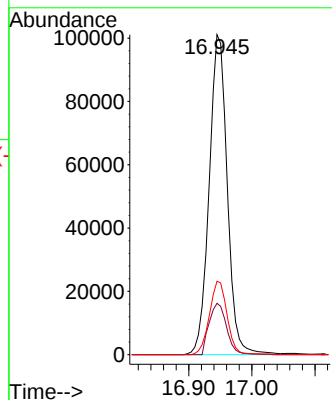
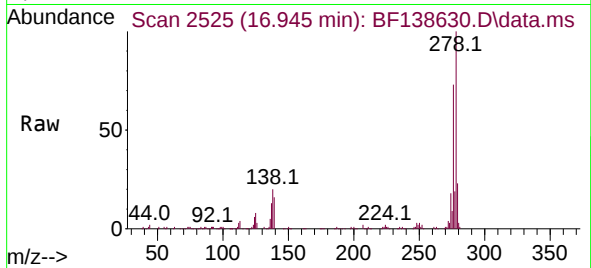




#91  
Dibenzo(a,h)anthracene  
Concen: 27.250 ng  
RT: 16.945 min Scan# 21  
Delta R.T. -0.035 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:278 Resp: 201376  
Ion Ratio Lower Upper  
278 100  
139 16.1 12.8 19.2  
279 23.0 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 25.914 ng  
RT: 17.374 min Scan# 2598  
Delta R.T. -0.041 min  
Lab File: BF138630.D  
Acq: 23 Jul 2024 21:09

Tgt Ion:276 Resp: 203074  
Ion Ratio Lower Upper  
276 100  
277 23.2 18.0 27.0  
138 20.4 15.5 23.3

