

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110522\  
 Data File : BF131022.D  
 Acq On : 05 Nov 2022 16:31  
 Operator : CG\JU  
 Sample : N5335-02MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2MSD

Quant Time: Nov 07 00:49:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 07 00:46:02 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.904  | 152  | 86305    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.186  | 136  | 335177   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.951  | 164  | 159438   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.445 | 188  | 304184   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.092 | 240  | 226290   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.592 | 264  | 178747   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 522893   | 105.034 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.534  | 99   | 638505   | 98.697  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.469  | 82   | 414695   | 74.604  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.745 | 330  | 182628   | 136.072 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.269  | 172  | 727882   | 69.022  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.033 | 244  | 786669   | 63.703  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.787  | 88   | 90362    | 40.484  | ng    | 92       |
| 3) Pyridine                   | 3.534  | 79   | 213728   | 34.187  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.510  | 42   | 145561   | 41.475  | ng    | # 92     |
| 6) Aniline                    | 6.569  | 93   | 252328   | 31.543  | ng    | 96       |
| 8) 2-Chlorophenol             | 6.687  | 128  | 234888   | 42.355  | ng    | 95       |
| 9) Benzaldehyde               | 6.457  | 77   | 169041   | 40.825  | ng    | 94       |
| 10) Phenol                    | 6.545  | 94   | 287546   | 41.304  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.640  | 93   | 215839   | 39.771  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.845  | 146  | 278107   | 44.255  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.922  | 146  | 279589   | 43.831  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.075  | 146  | 257403   | 43.572  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.045  | 79   | 233540   | 42.454  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 379988   | 39.281  | ng    | 97       |
| 17) 2-Methylphenol            | 7.157  | 107  | 190848   | 40.263  | ng    | 98       |
| 18) Hexachloroethane          | 7.416  | 117  | 101590   | 44.067  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.316  | 70   | 170532   | 38.743  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.310  | 107  | 221444   | 35.931  | ng    | # 70     |
| 22) Acetophenone              | 7.316  | 105  | 324848   | 39.974  | ng    | # 91     |
| 24) Nitrobenzene              | 7.492  | 77   | 263314   | 43.321  | ng    | 96       |
| 25) Isophorone                | 7.728  | 82   | 460116   | 40.141  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.804  | 139  | 118726   | 49.411  | ng    | # 87     |
| 27) 2,4-Dimethylphenol        | 7.839  | 122  | 206544   | 43.296  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.939  | 93   | 274116   | 42.819  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.045  | 162  | 184860   | 37.669  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.128  | 180  | 228601   | 43.320  | ng    | 98       |
| 31) Naphthalene               | 8.210  | 128  | 729305   | 41.705  | ng    | 99       |
| 32) Benzoic acid              | 7.963  | 122  | 122546   | 38.042  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.257  | 127  | 169965   | 24.596  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 151396   | 43.219  | ng    | 99       |
| 35) Caprolactam               | 8.634  | 113  | 33485    | 21.292  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.745  | 107  | 206766   | 38.843  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.904  | 142  | 432335   | 39.304  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.004  | 142  | 390380   | 36.467  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.069  | 216  | 212972   | 47.103  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 260772   | 109.769 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.181  | 196  | 142992   | 45.513  | ng    | 99       |

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 Sample : N5335-02MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

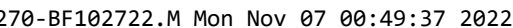
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2MSD

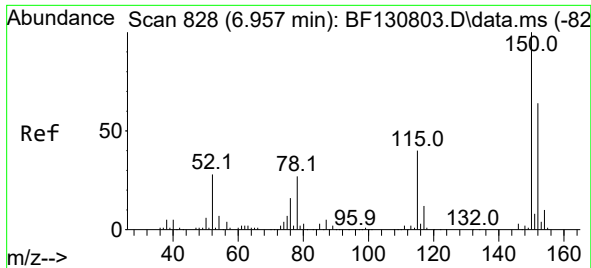
Quant Time: Nov 07 00:49:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 07 00:46:02 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.222  | 196  | 150415   | 44.811 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.369  | 154  | 508650   | 44.779 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.398  | 162  | 402333   | 44.171 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.492  | 65   | 145471   | 49.524 | ng    | 98       |
| 49) Acenaphthylene            | 9.816  | 152  | 609962   | 42.377 | ng    | 99       |
| 50) Dimethylphthalate         | 9.675  | 163  | 465362   | 42.495 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.733  | 165  | 102043   | 48.959 | ng    | 99       |
| 52) Acenaphthene              | 9.986  | 154  | 371306   | 41.718 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.904  | 138  | 68659    | 32.188 | ng    | # 94     |
| 54) 2,4-Dinitrophenol         | 10.016 | 184  | 107023   | 97.337 | ng    | 94       |
| 55) Dibenzofuran              | 10.157 | 168  | 541020   | 41.937 | ng    | 96       |
| 56) 4-Nitrophenol             | 10.075 | 139  | 157055   | 92.991 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.145 | 165  | 140075   | 53.126 | ng    | 97       |
| 58) Fluorene                  | 10.504 | 166  | 462466   | 45.526 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.275 | 232  | 123902   | 44.772 | ng    | 99       |
| 60) Diethylphthalate          | 10.375 | 149  | 492225   | 45.703 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.492 | 204  | 230137   | 47.356 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.528 | 138  | 110490   | 51.155 | ng    | 94       |
| 63) Azobenzene                | 10.657 | 77   | 504676   | 44.889 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.551 | 198  | 78079    | 59.202 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.616 | 169  | 418659   | 44.125 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.986 | 248  | 144353   | 47.189 | ng    | 95       |
| 68) Hexachlorobenzene         | 11.051 | 284  | 159684   | 47.378 | ng    | 94       |
| 69) Atrazine                  | 11.145 | 200  | 138682   | 50.613 | ng    | 93       |
| 70) Pentachlorophenol         | 11.245 | 266  | 151840   | 78.949 | ng    | 96       |
| 71) Phenanthrene              | 11.469 | 178  | 659298   | 41.994 | ng    | 99       |
| 72) Anthracene                | 11.522 | 178  | 669724   | 43.249 | ng    | 99       |
| 73) Carbazole                 | 11.674 | 167  | 577948   | 41.676 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.004 | 149  | 773696   | 45.938 | ng    | 98       |
| 75) Fluoranthene              | 12.663 | 202  | 670135   | 40.173 | ng    | 99       |
| 77) Benzidine                 | 12.786 | 184  | 288805   | 52.575 | ng    | 99       |
| 78) Pyrene                    | 12.892 | 202  | 718519   | 37.635 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.510 | 149  | 279281   | 40.660 | ng    | 87       |
| 81) Benzo(a)anthracene        | 14.080 | 228  | 642209   | 42.805 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.045 | 252  | 171048   | 42.242 | ng    | 95       |
| 83) Chrysene                  | 14.121 | 228  | 595361   | 41.140 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.063 | 149  | 421120   | 50.992 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.680 | 149  | 557964   | 48.953 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.115 | 276  | 580432   | 48.898 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.151 | 252  | 512268   | 44.334 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.180 | 252  | 485615   | 43.130 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.527 | 252  | 434446   | 46.772 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.139 | 278  | 487323   | 50.361 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.586 | 276  | 497710   | 50.416 | ng    | 98       |

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

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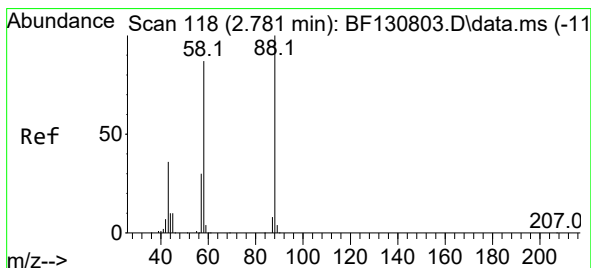
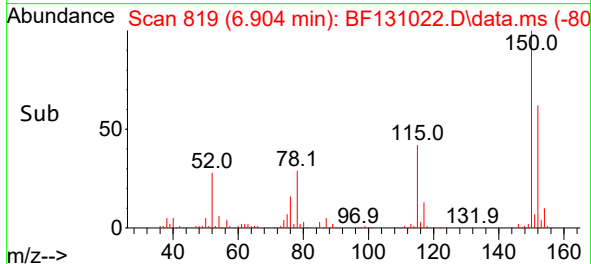
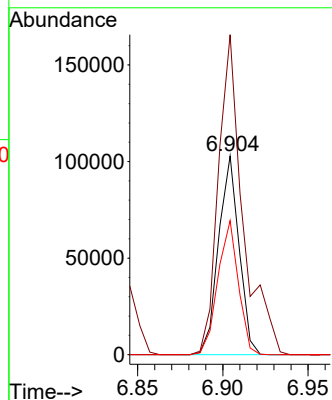
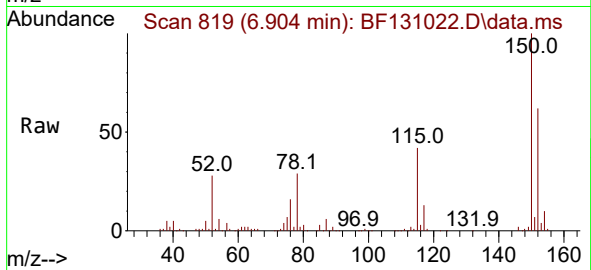




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.904 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BF131022.D  
 Acq: 05 Nov 2022 16:31

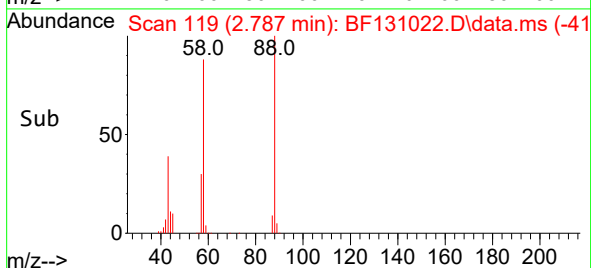
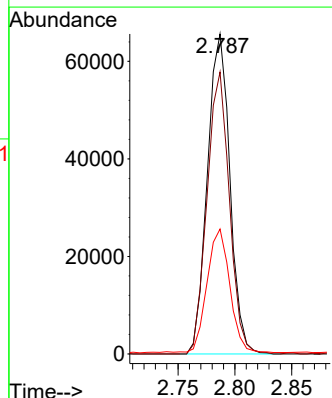
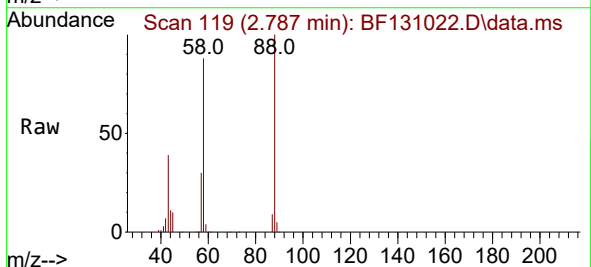
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2MSD

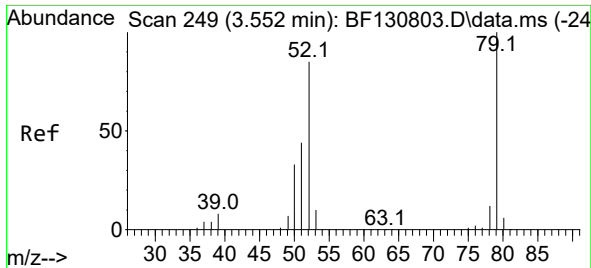
Tgt Ion:152 Resp: 86305  
 Ion Ratio Lower Upper  
 152 100  
 150 161.0 124.1 186.1  
 115 67.5 50.1 75.1



#2  
 1,4-Dioxane  
 Concen: 40.484 ng  
 RT: 2.787 min Scan# 119  
 Delta R.T. 0.106 min  
 Lab File: BF131022.D  
 Acq: 05 Nov 2022 16:31

Tgt Ion: 88 Resp: 90362  
 Ion Ratio Lower Upper  
 88 100  
 58 87.8 64.7 97.1  
 43 38.9 26.5 39.7

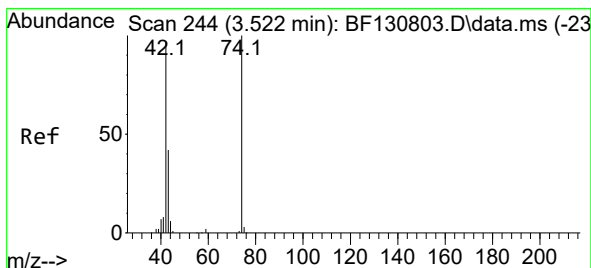
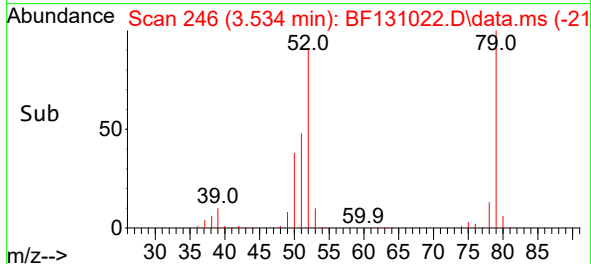
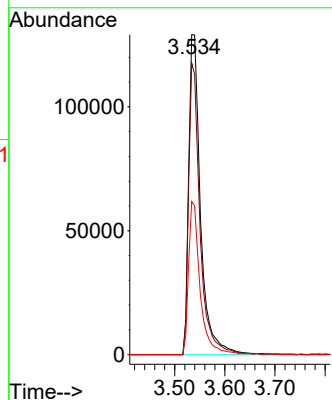
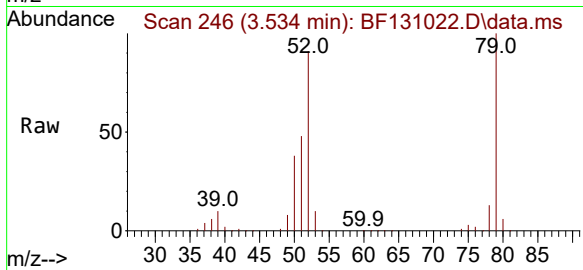




#3  
Pyridine  
Concen: 34.187 ng  
RT: 3.534 min Scan# 249  
Delta R.T. 0.082 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

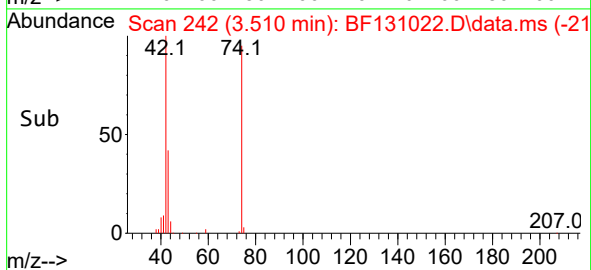
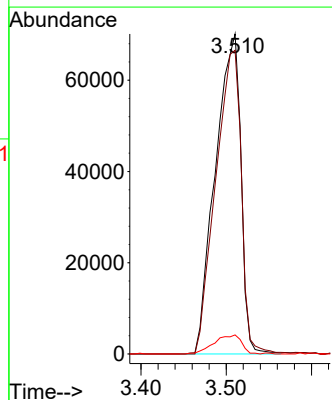
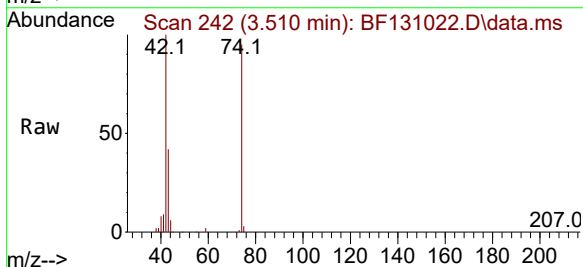
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ClientSampleId :  
SB-2MSD

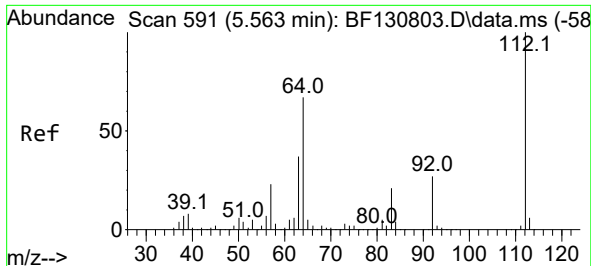
Tgt Ion: 79 Resp: 213728  
Ion Ratio Lower Upper  
79 100  
52 91.1 68.2 102.4  
51 47.9 35.2 52.8



#4  
n-Nitrosodimethylamine  
Concen: 41.475 ng  
RT: 3.510 min Scan# 242  
Delta R.T. 0.088 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion: 42 Resp: 145561  
Ion Ratio Lower Upper  
42 100  
74 94.9 82.8 124.2  
44 5.9 6.0 9.0#

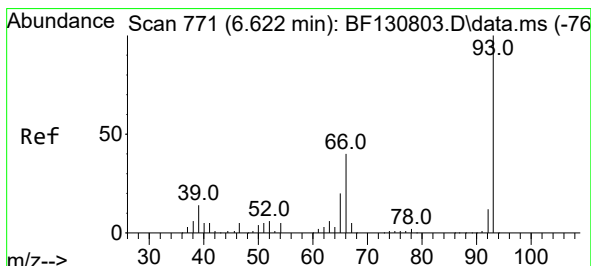
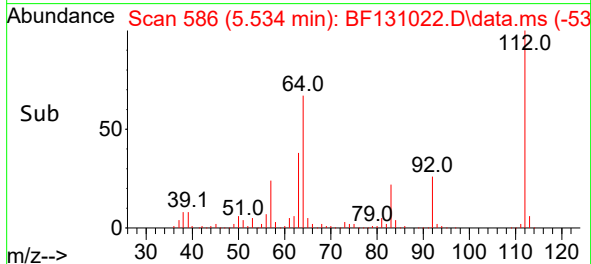
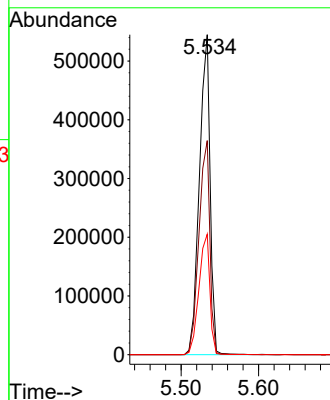
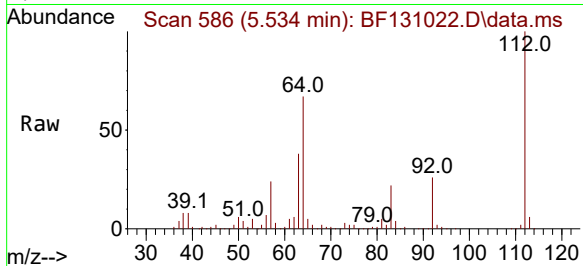




#5  
2-Fluorophenol  
Concen: 105.034 ng  
RT: 5.534 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

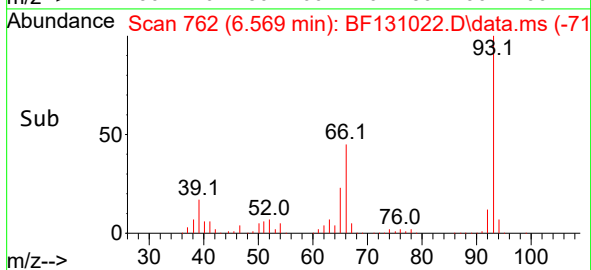
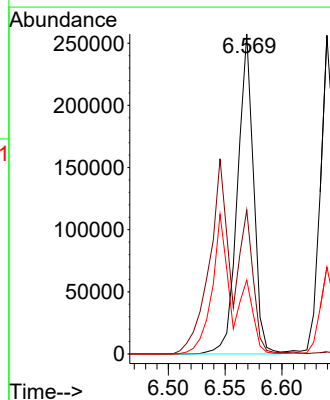
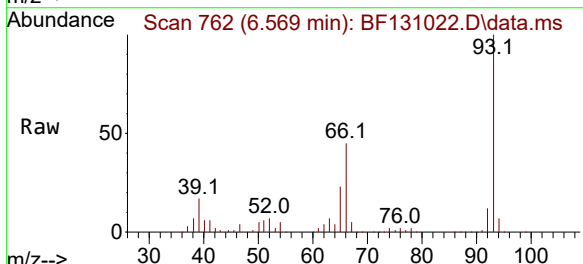
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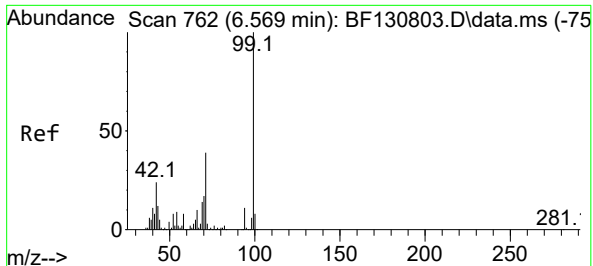
Tgt Ion:112 Resp: 522893  
Ion Ratio Lower Upper  
112 100  
64 66.9 53.9 80.9  
63 37.6 29.4 44.2



#6  
Aniline  
Concen: 31.543 ng  
RT: 6.569 min Scan# 762  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion: 93 Resp: 252328  
Ion Ratio Lower Upper  
93 100  
66 45.0 33.8 50.8  
65 23.1 17.2 25.8

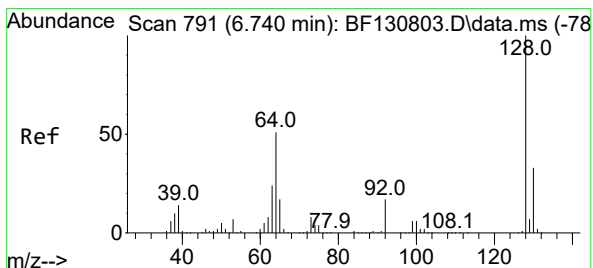
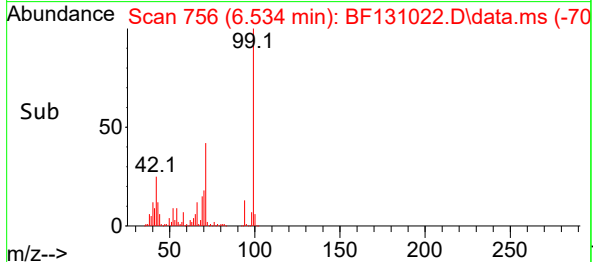
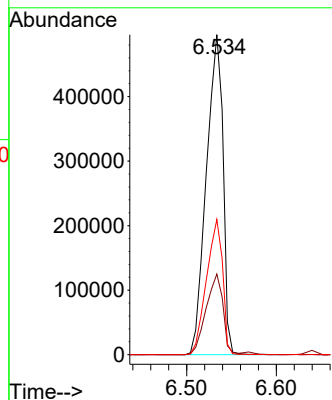
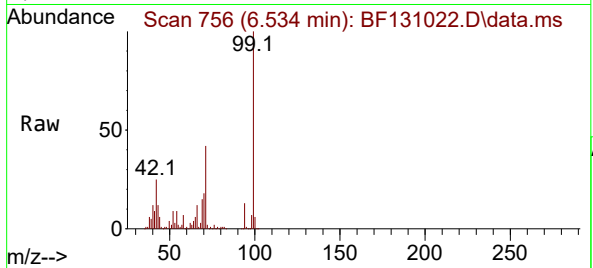




#7  
Phenol-d6  
Concen: 98.697 ng  
RT: 6.534 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

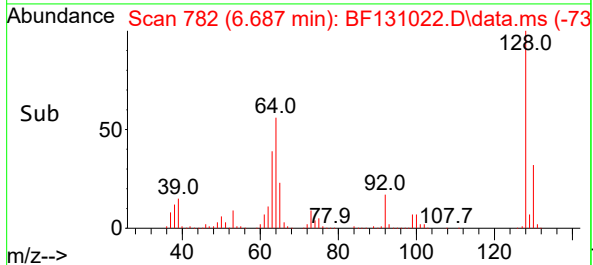
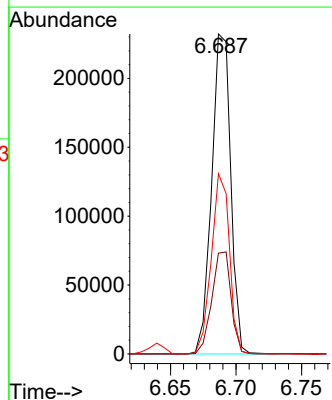
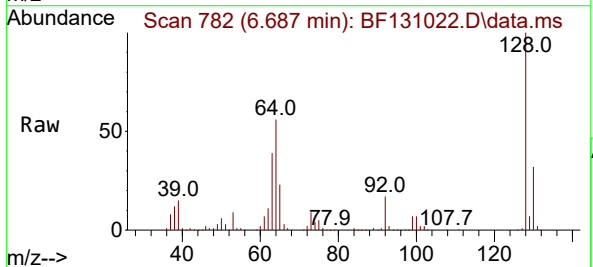
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ClientSampleId :  
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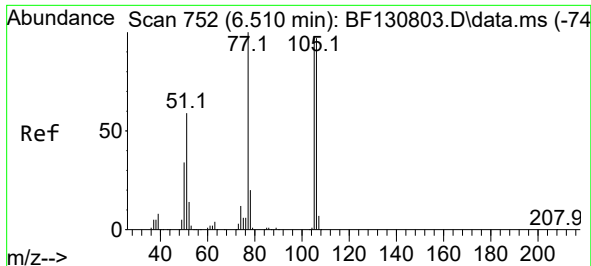
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Ion Ratio Lower Upper  
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42 25.2 18.8 28.2  
71 42.2 31.4 47.0



#8  
2-Chlorophenol  
Concen: 42.355 ng  
RT: 6.687 min Scan# 782  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion: 128 Resp: 234888  
Ion Ratio Lower Upper  
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130 31.5 12.7 52.7  
64 56.3 31.3 71.3

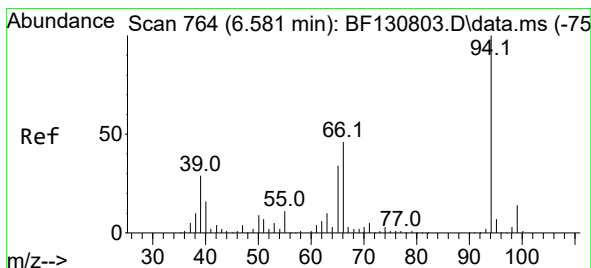
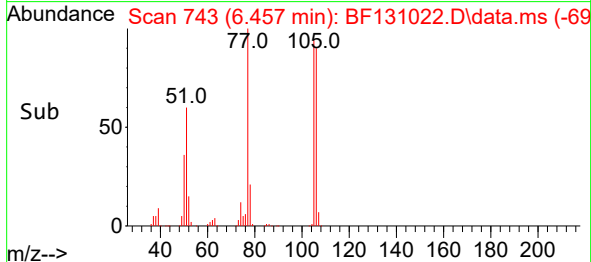
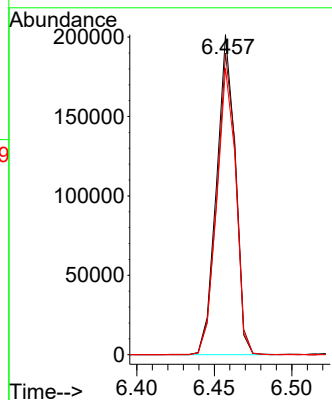
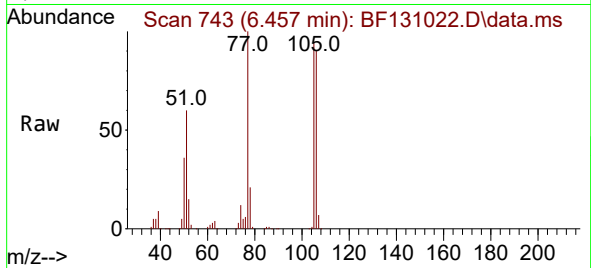




#9  
Benzaldehyde  
Concen: 40.825 ng  
RT: 6.457 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

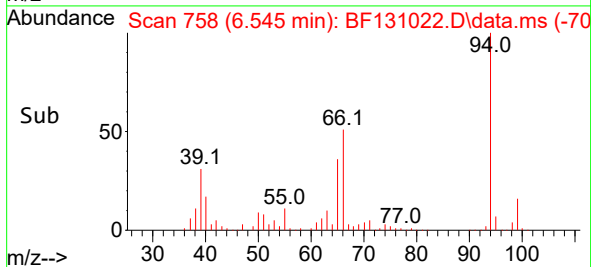
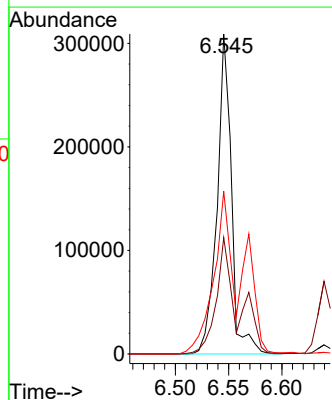
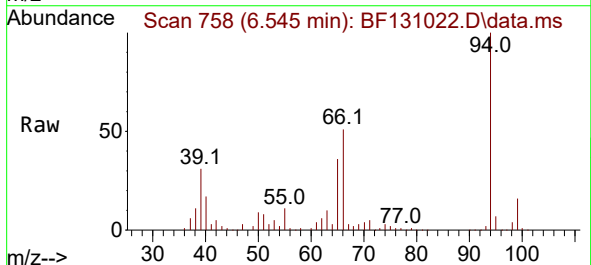
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

Tgt Ion: 77 Resp: 169041  
Ion Ratio Lower Upper  
77 100  
105 94.2 78.2 118.2  
106 89.6 76.6 116.6

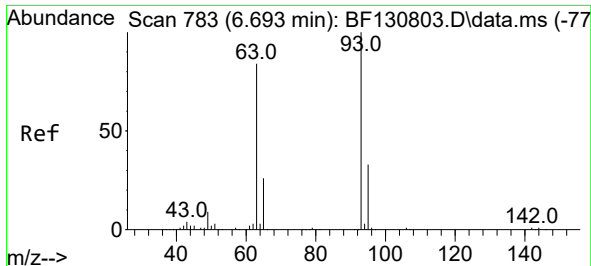


#10  
Phenol  
Concen: 41.304 ng  
RT: 6.545 min Scan# 758  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion: 94 Resp: 287546  
Ion Ratio Lower Upper  
94 100  
65 36.4 13.7 53.7  
66 50.8 26.5 66.5



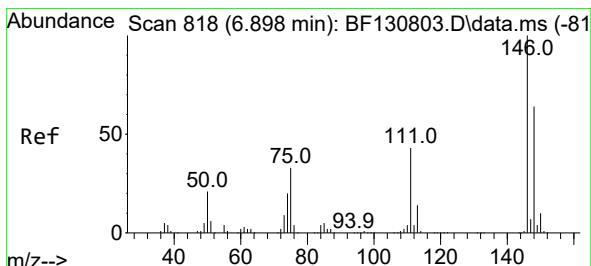
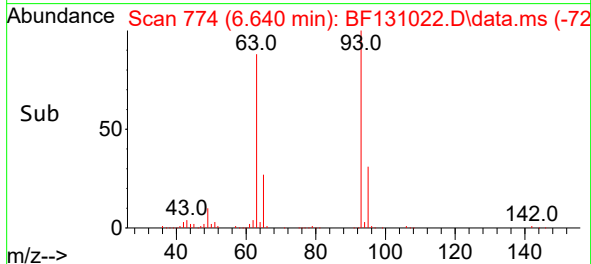
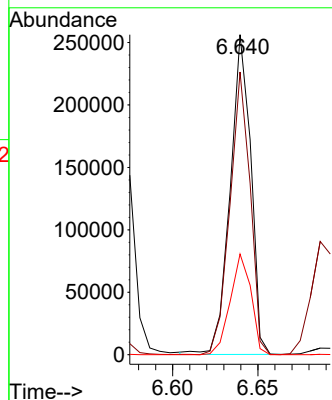
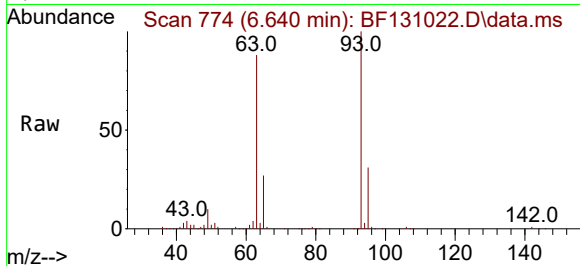




#11  
bis(2-Chloroethyl)ether  
Concen: 39.771 ng  
RT: 6.640 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

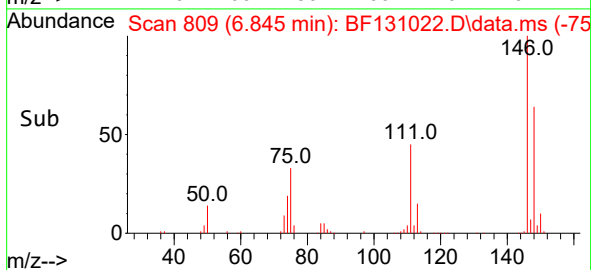
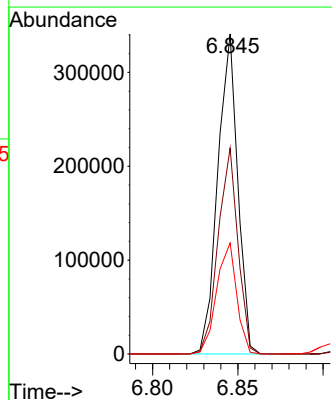
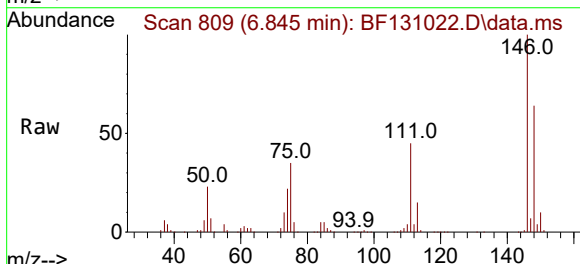
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

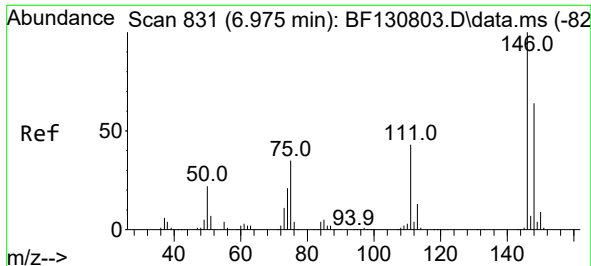
Tgt Ion: 93 Resp: 215839  
Ion Ratio Lower Upper  
93 100  
63 88.3 63.4 103.4  
95 31.4 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 44.255 ng  
RT: 6.845 min Scan# 809  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:146 Resp: 278107  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.4 77.0  
75 34.7 26.6 40.0

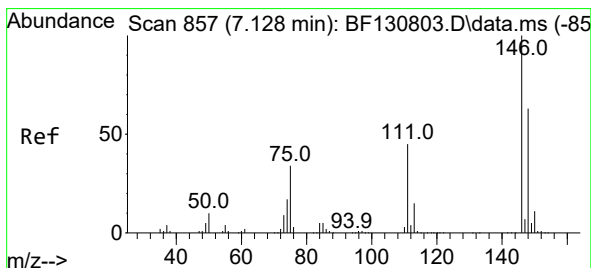
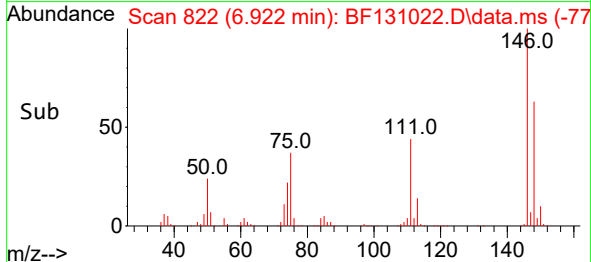
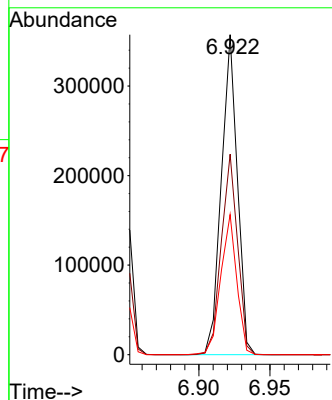
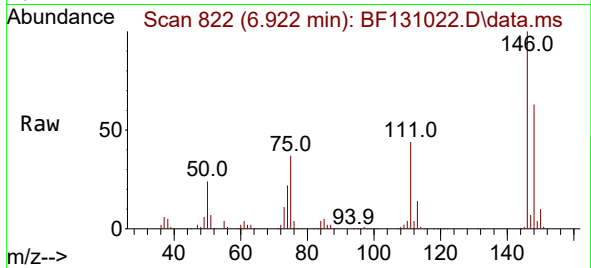




#13  
1,4-Dichlorobenzene  
Concen: 43.831 ng  
RT: 6.922 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

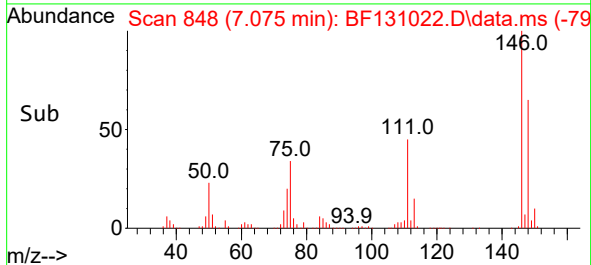
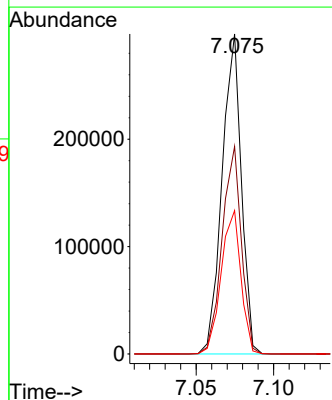
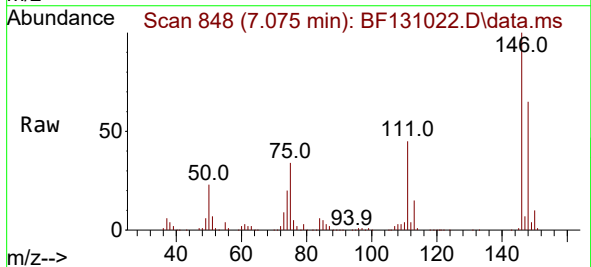
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

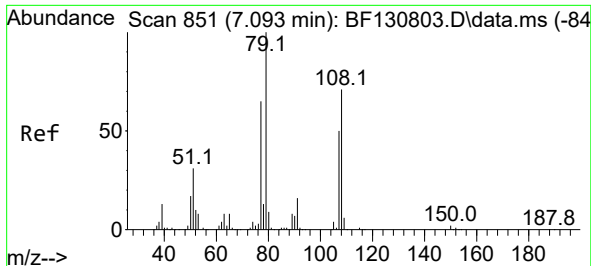
Tgt Ion:146 Resp: 279589  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.3 76.9  
111 43.8 34.6 51.8



#14  
1,2-Dichlorobenzene  
Concen: 43.572 ng  
RT: 7.075 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:146 Resp: 257403  
Ion Ratio Lower Upper  
146 100  
148 64.9 50.6 76.0  
111 44.8 36.3 54.5

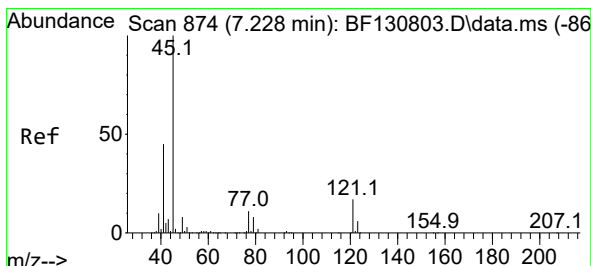
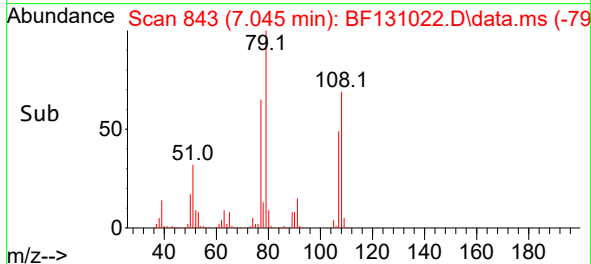
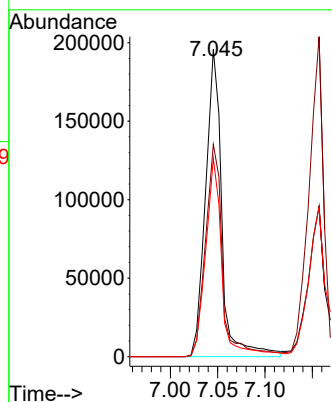
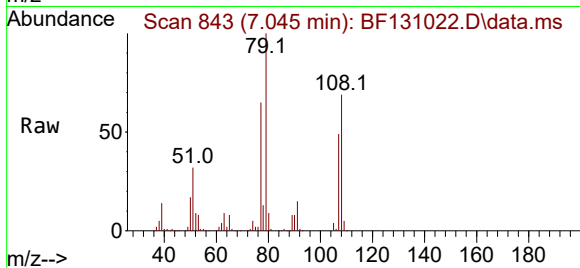




#15  
Benzyl Alcohol  
Concen: 42.454 ng  
RT: 7.045 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

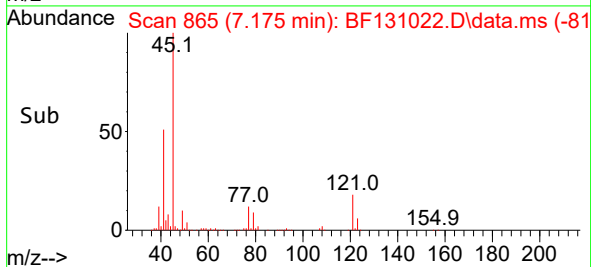
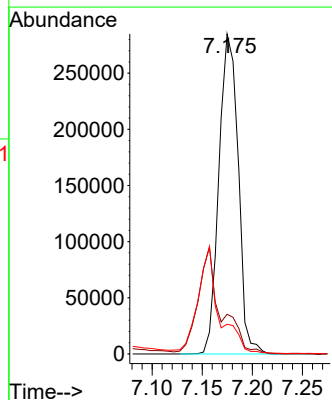
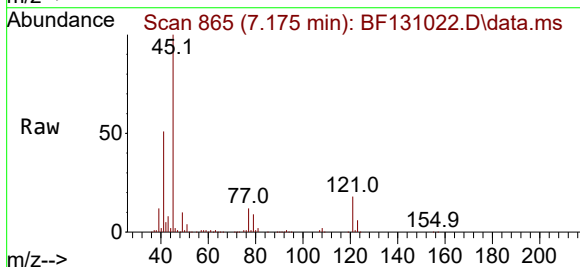
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

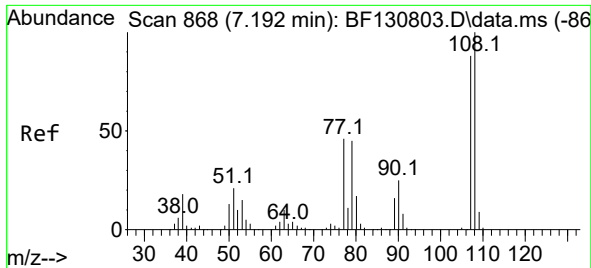
Tgt Ion: 79 Resp: 233540  
Ion Ratio Lower Upper  
79 100  
108 69.1 56.4 84.6  
77 64.6 51.8 77.8



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.281 ng  
RT: 7.175 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion: 45 Resp: 379988  
Ion Ratio Lower Upper  
45 100  
77 12.4 0.0 31.2  
79 9.3 0.0 28.4

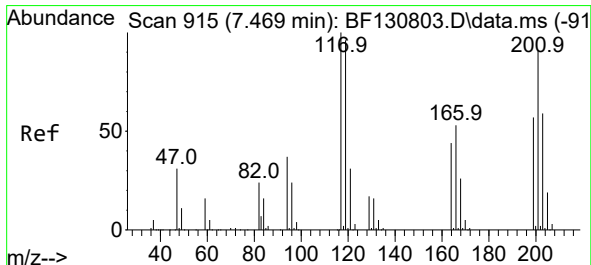
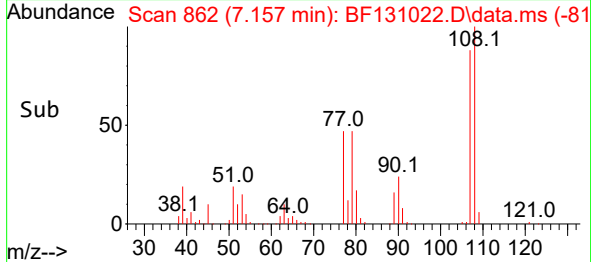
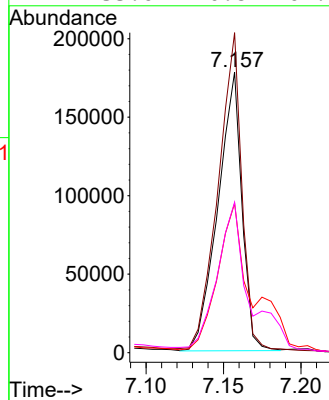
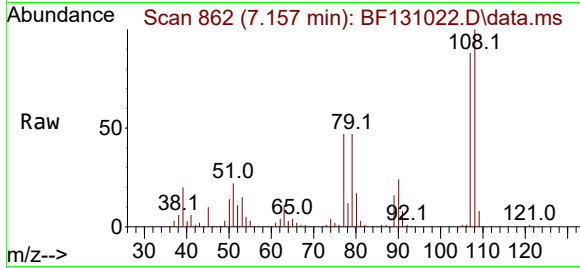




#17  
2-Methylphenol  
Concen: 40.263 ng  
RT: 7.157 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

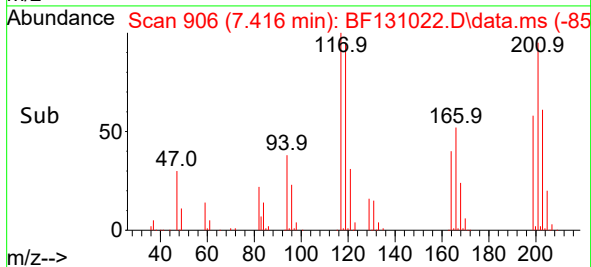
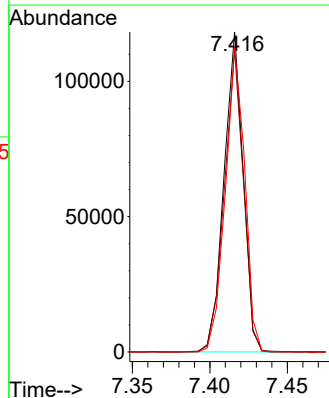
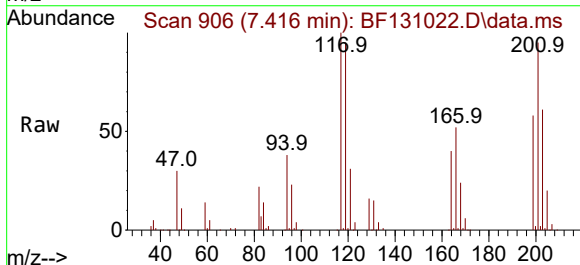
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

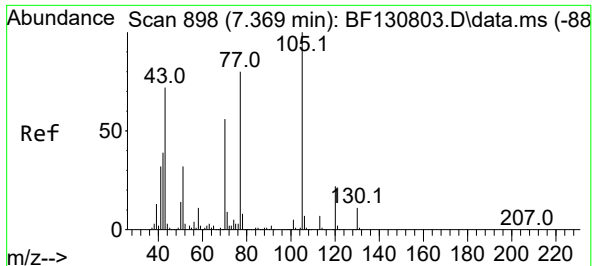
Tgt Ion:107 Resp: 190848  
Ion Ratio Lower Upper  
107 100  
108 114.0 90.5 135.7  
77 53.2 41.2 61.8  
79 53.6 40.8 61.2



#18  
Hexachloroethane  
Concen: 44.067 ng  
RT: 7.416 min Scan# 906  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:117 Resp: 101590  
Ion Ratio Lower Upper  
117 100  
119 94.5 77.1 115.7  
201 95.4 72.9 109.3





#19

n-Nitroso-di-n-propylamine

Concen: 38.743 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA\_F

ClientSampleId :

SB-2MSD

Tgt Ion: 70 Resp: 170532

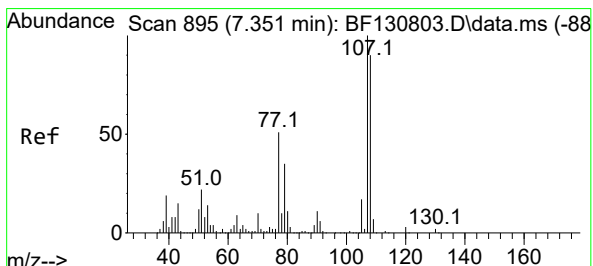
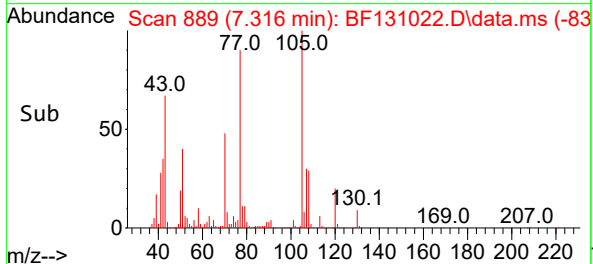
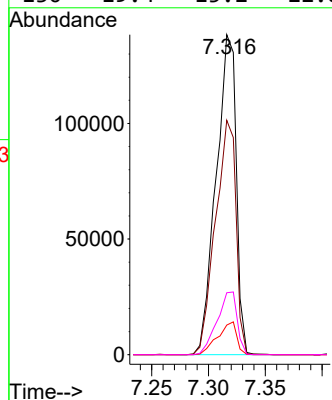
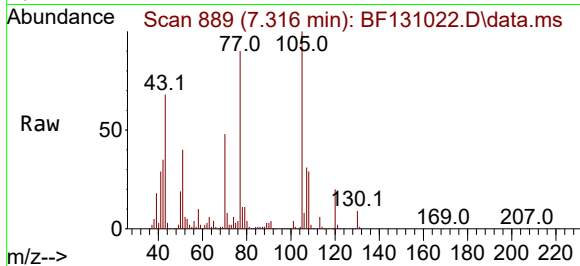
Ion Ratio Lower Upper

70 100

42 73.2 56.1 84.1

101 9.2 7.3 10.9

130 19.4 15.2 22.8



#20

3+4-Methylphenols

Concen: 35.931 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Tgt Ion: 107 Resp: 221444

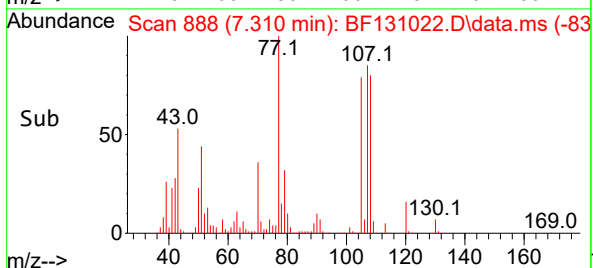
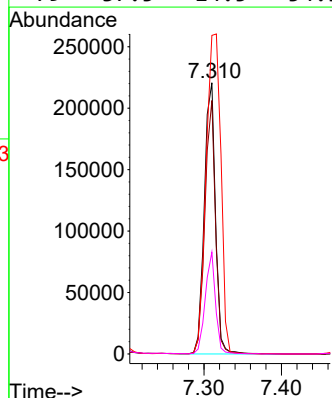
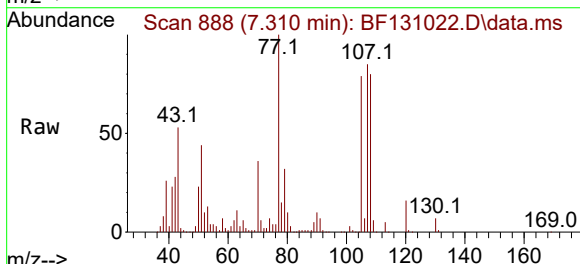
Ion Ratio Lower Upper

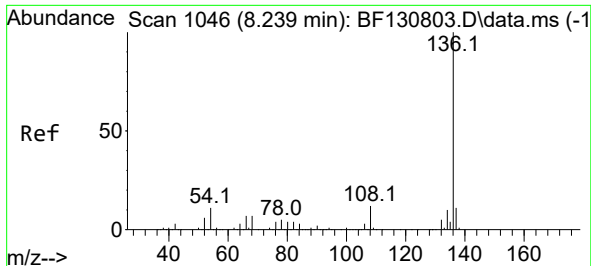
107 100

108 93.4 70.4 110.4

77 117.4 31.1 71.1#

79 37.5 14.5 54.5

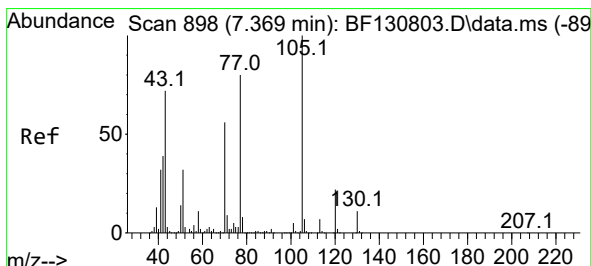
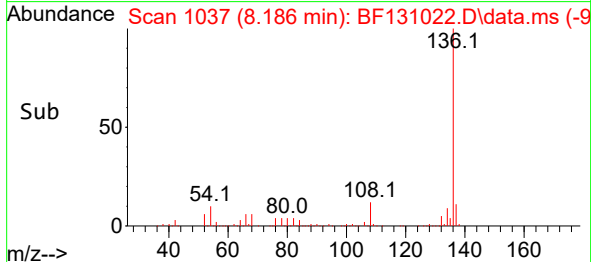
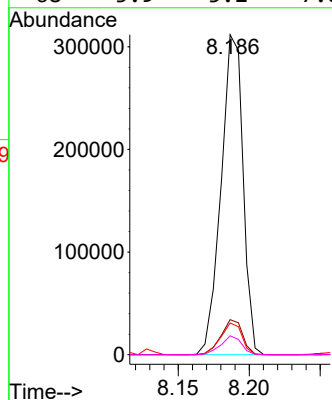
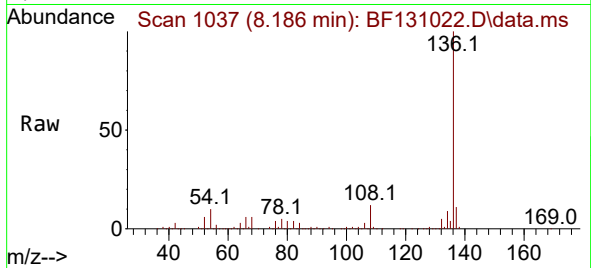




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.186 min Scan# 1046  
Delta R.T. -0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

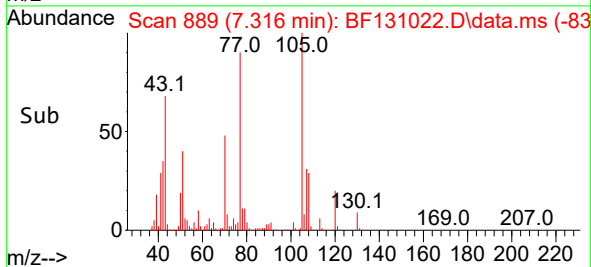
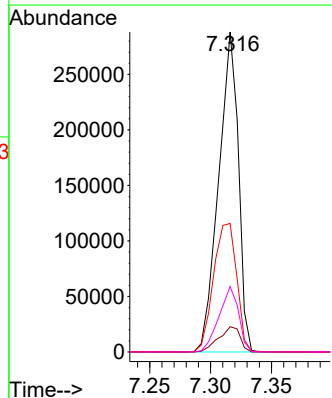
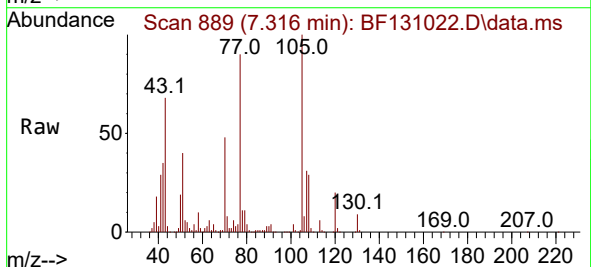
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

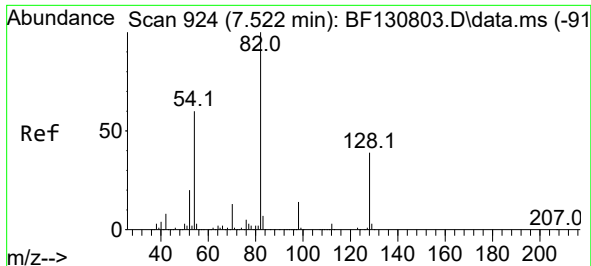
Tgt Ion:136 Resp: 335177  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.2 13.8  
54 9.9 8.8 13.2  
68 5.9 5.2 7.8



#22  
Acetophenone  
Concen: 39.974 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:105 Resp: 324848  
Ion Ratio Lower Upper  
105 100  
71 7.9 7.2 10.8  
51 40.2 25.9 38.9#  
120 20.4 17.9 26.9





#23

Nitrobenzene-d5

Concen: 74.604 ng

RT: 7.469 min Scan# 919

Delta R.T. -0.006 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA\_F

ClientSampleId :

SB-2MSD

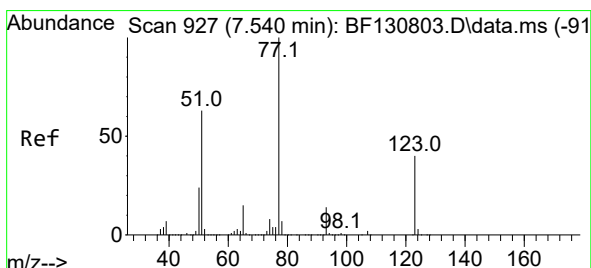
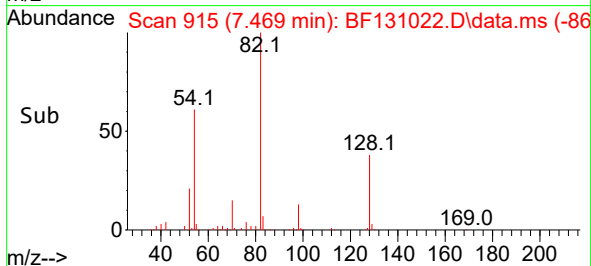
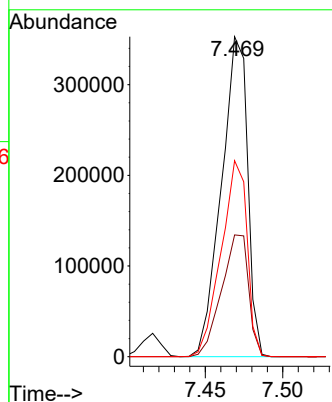
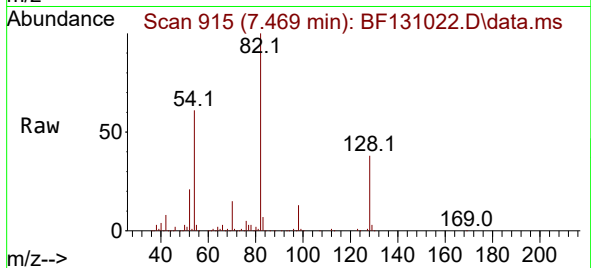
Tgt Ion: 82 Resp: 414695

Ion Ratio Lower Upper

82 100

128 38.0 31.2 46.8

54 61.3 48.0 72.0



#24

Nitrobenzene

Concen: 43.321 ng

RT: 7.492 min Scan# 919

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

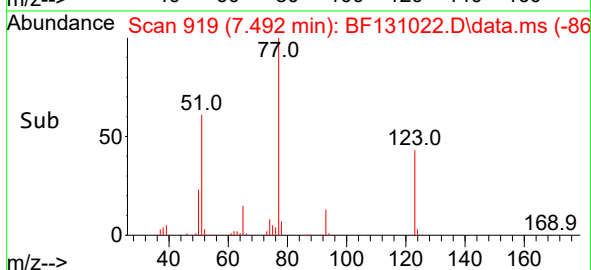
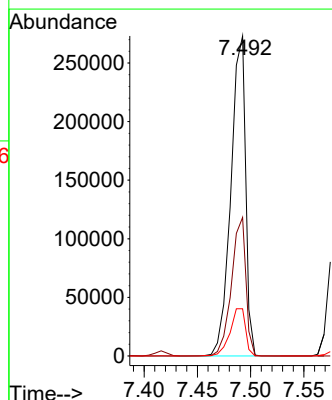
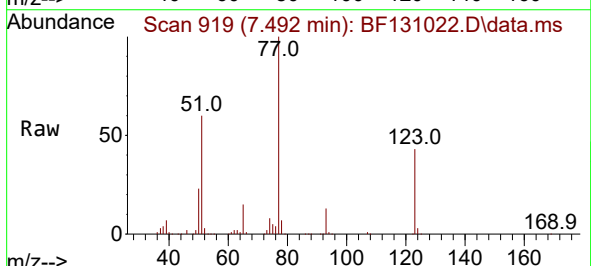
Tgt Ion: 77 Resp: 263314

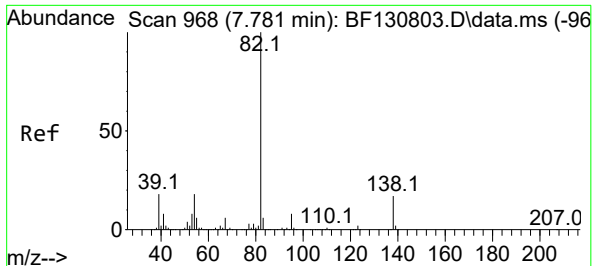
Ion Ratio Lower Upper

77 100

123 43.3 32.2 48.2

65 14.8 12.0 18.0

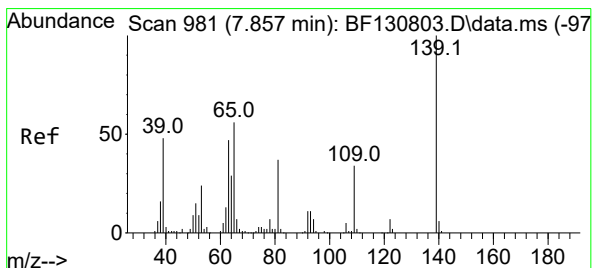
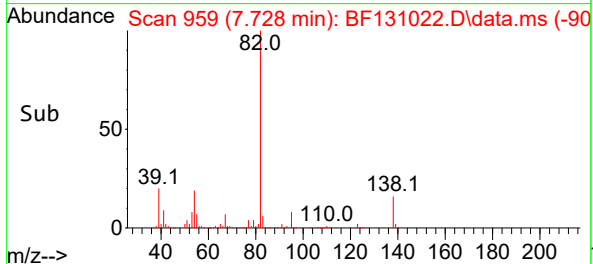
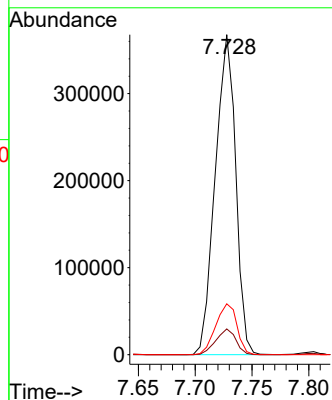
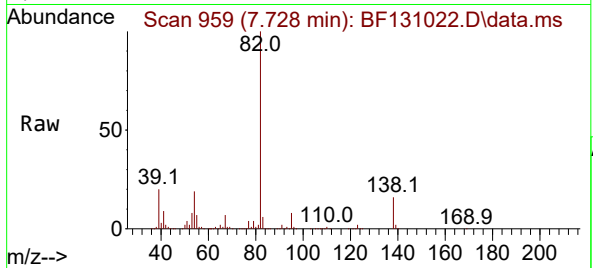




#25  
Isophorone  
Concen: 40.141 ng  
RT: 7.728 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

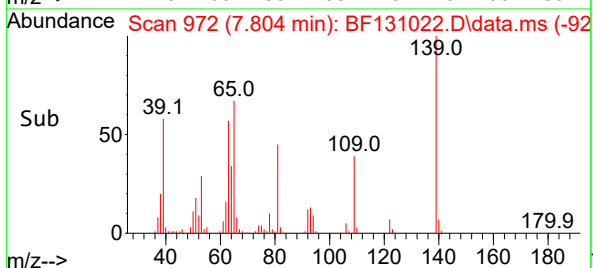
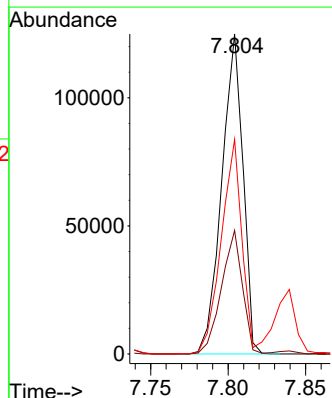
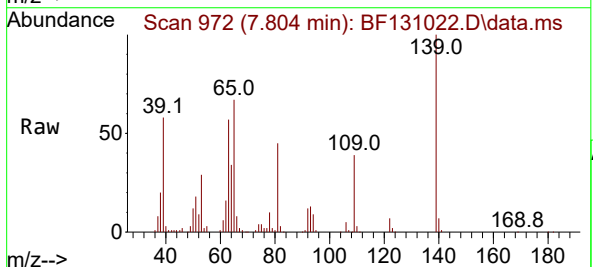
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

Tgt Ion: 82 Resp: 460116  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.2 9.4  
138 15.9 13.8 20.6

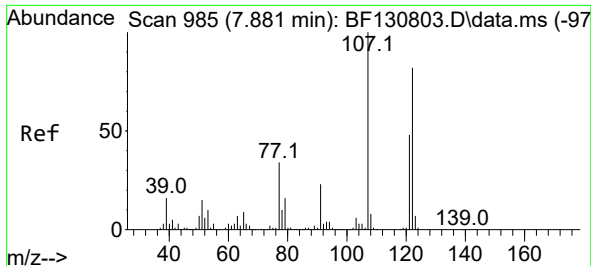


#26  
2-Nitrophenol  
Concen: 49.411 ng  
RT: 7.804 min Scan# 972  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion: 139 Resp: 118726  
Ion Ratio Lower Upper  
139 100  
109 38.6 27.3 40.9  
65 67.1 44.6 67.0#







#27

2,4-Dimethylphenol

Concen: 43.296 ng

RT: 7.839 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA\_F

ClientSampleId :

SB-2MSD

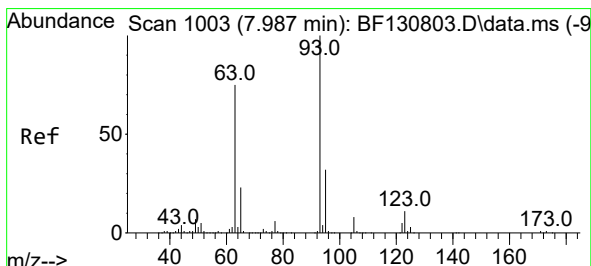
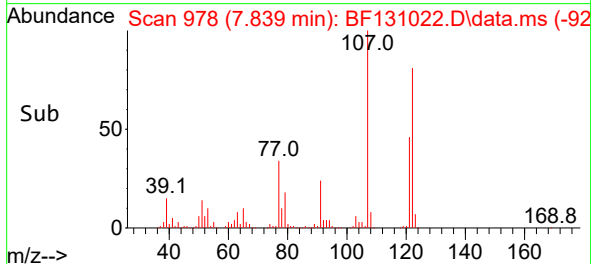
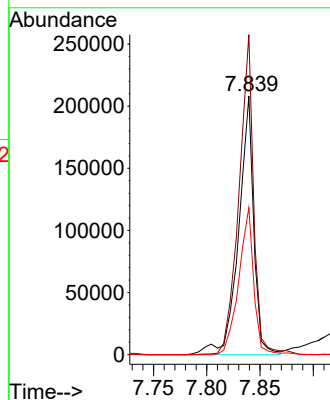
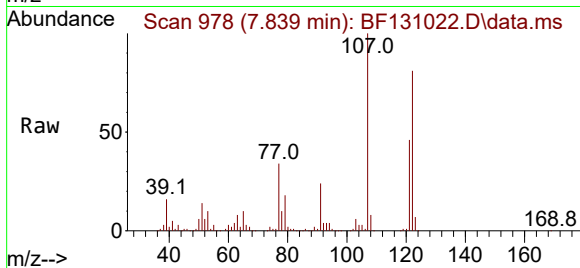
Tgt Ion:122 Resp: 206544

Ion Ratio Lower Upper

122 100

107 123.7 97.1 145.7

121 56.9 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.819 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

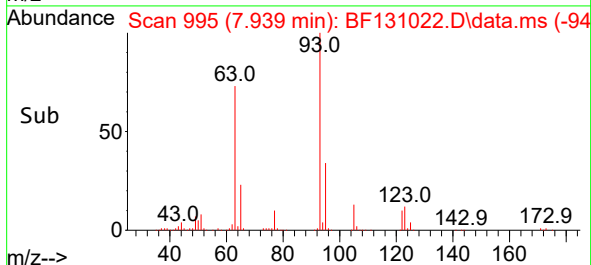
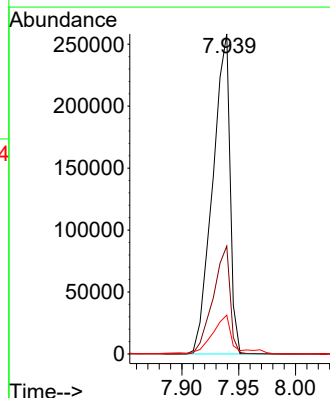
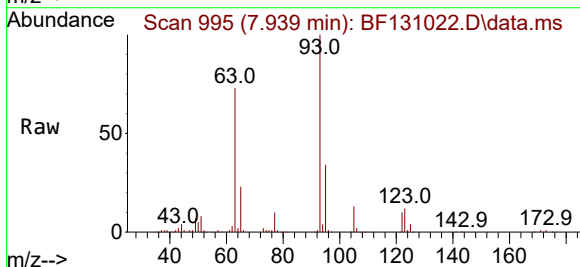
Tgt Ion: 93 Resp: 274116

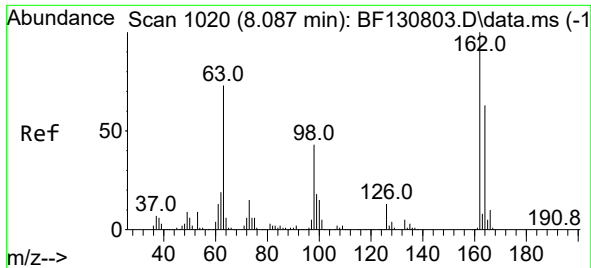
Ion Ratio Lower Upper

93 100

95 33.7 25.7 38.5

123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 37.669 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA\_F

ClientSampleId :

SB-2MSD

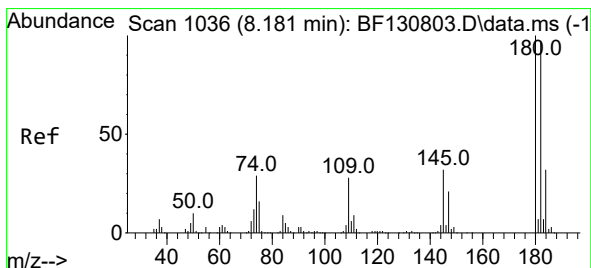
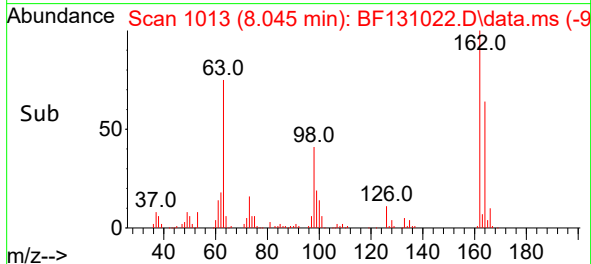
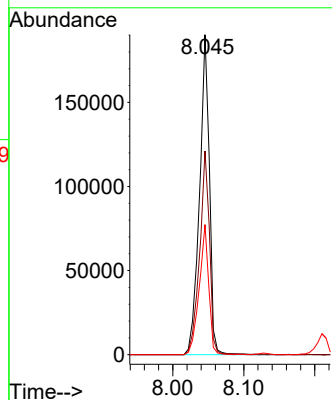
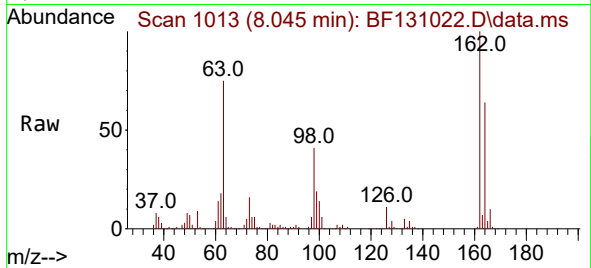
Tgt Ion:162 Resp: 184860

Ion Ratio Lower Upper

162 100

164 63.6 43.2 83.2

98 40.6 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 43.320 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

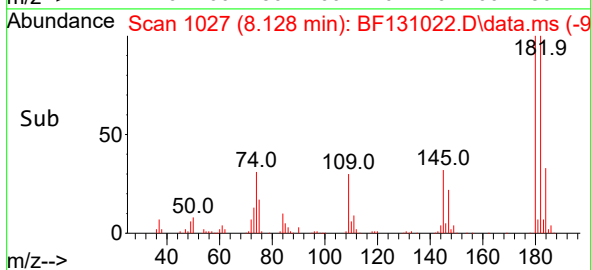
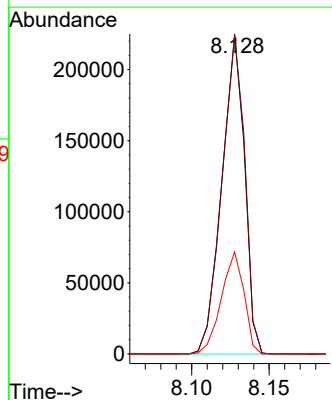
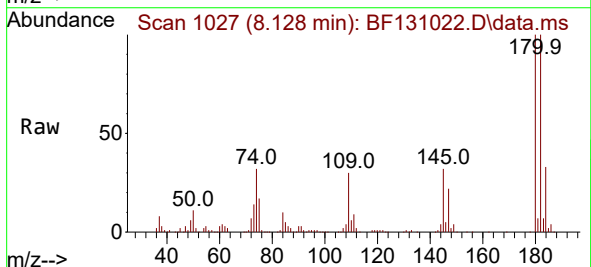
Tgt Ion:180 Resp: 228601

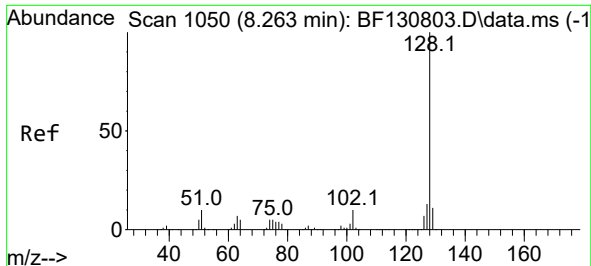
Ion Ratio Lower Upper

180 100

182 99.5 77.7 116.5

145 31.9 25.9 38.9

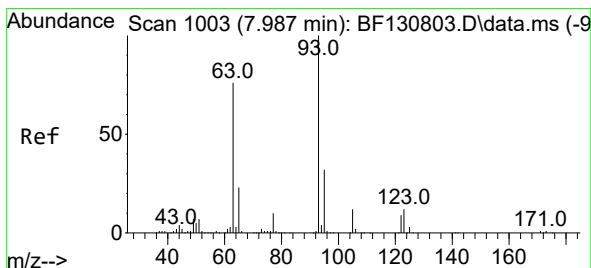
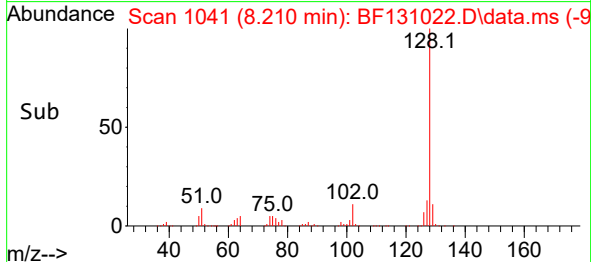
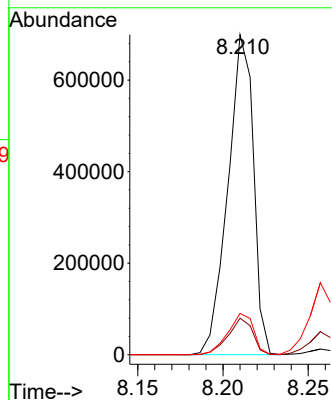
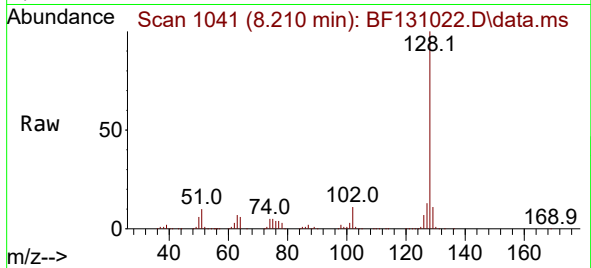




#31  
Naphthalene  
Concen: 41.705 ng  
RT: 8.210 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

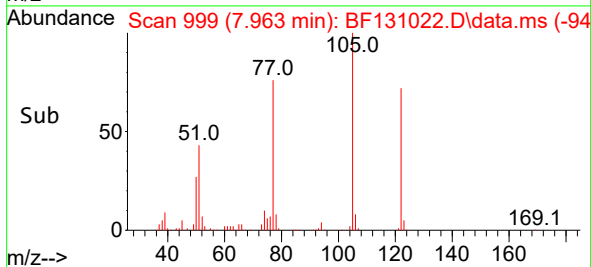
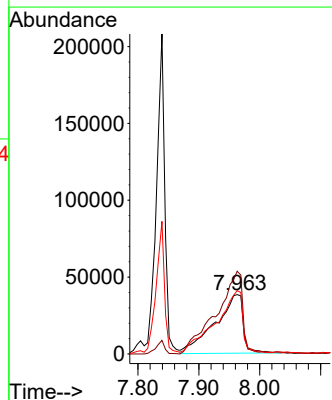
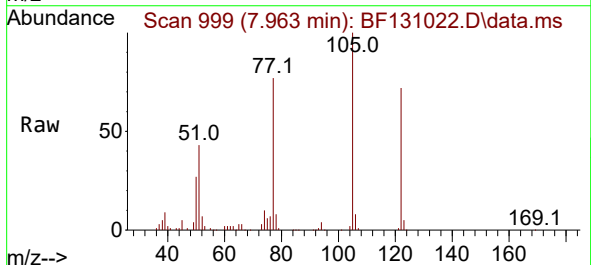
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

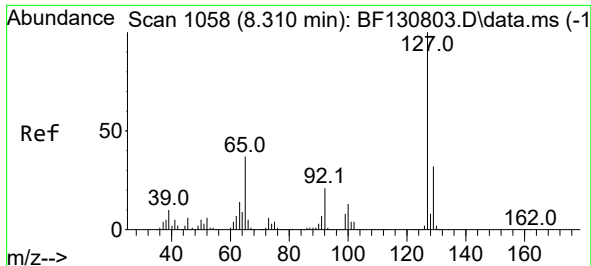
Tgt Ion:128 Resp: 729305  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 12.9 10.6 16.0



#32  
Benzoic acid  
Concen: 38.042 ng  
RT: 7.963 min Scan# 999  
Delta R.T. 0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:122 Resp: 122546  
Ion Ratio Lower Upper  
122 100  
105 139.2 114.5 154.5  
77 106.5 89.8 129.8

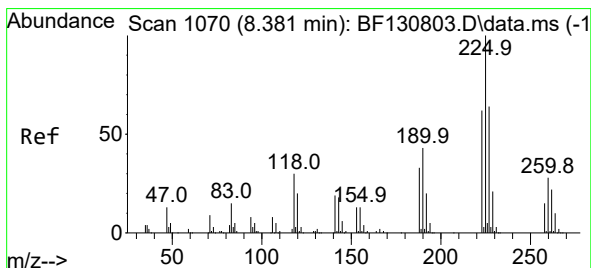
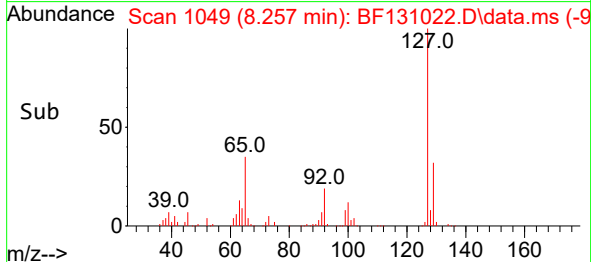
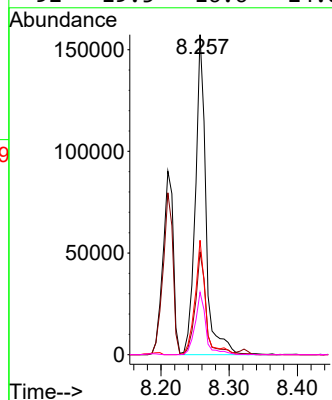
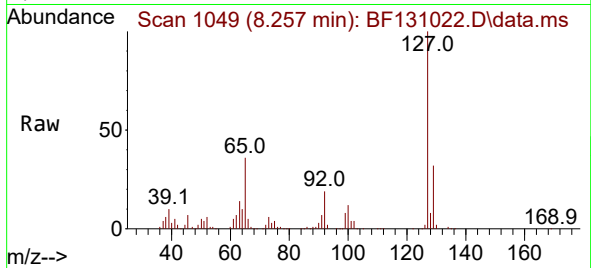




#33  
4-Chloroaniline  
Concen: 24.596 ng  
RT: 8.257 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

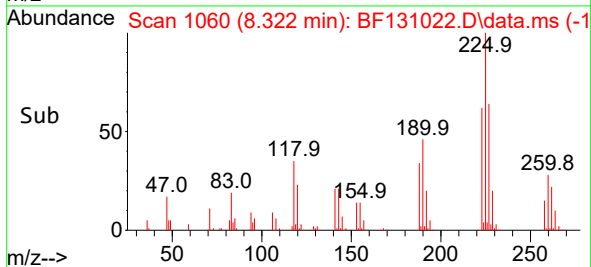
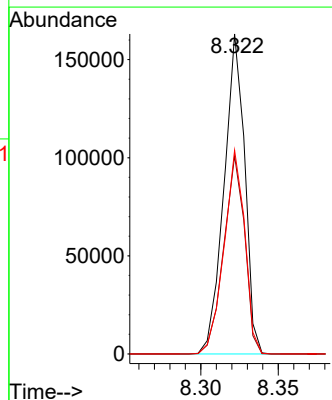
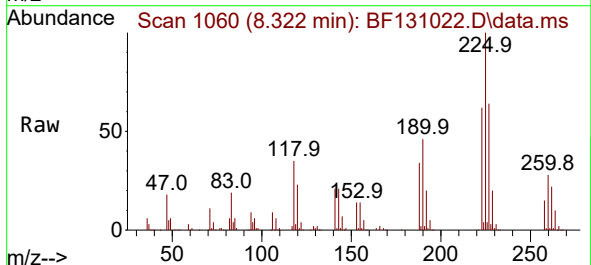
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

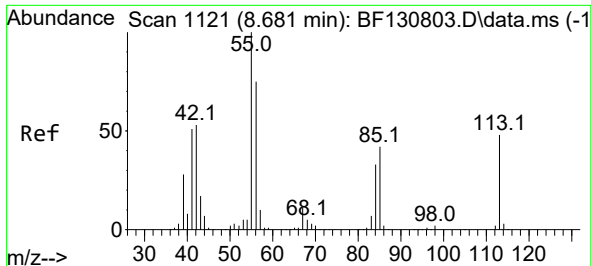
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 169965 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 25.6  | 38.4   |
| 65       | 35.8  | 29.4  | 44.2   |
| 92       | 19.5  | 16.6  | 24.8   |



#34  
Hexachlorobutadiene  
Concen: 43.219 ng  
RT: 8.322 min Scan# 1060  
Delta R.T. -0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 151396 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.9  | 49.9  | 74.9   |
| 227      | 63.7  | 51.5  | 77.3   |

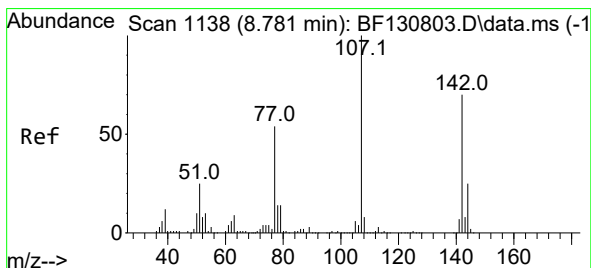
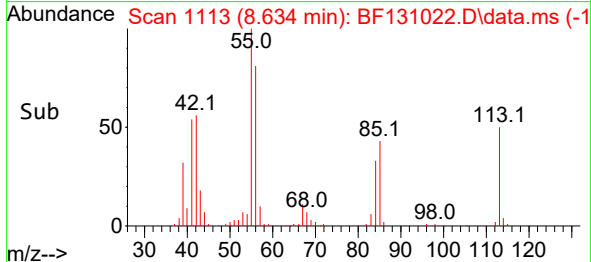
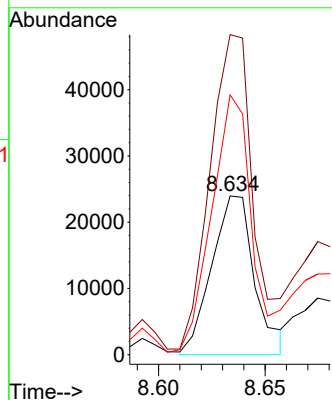
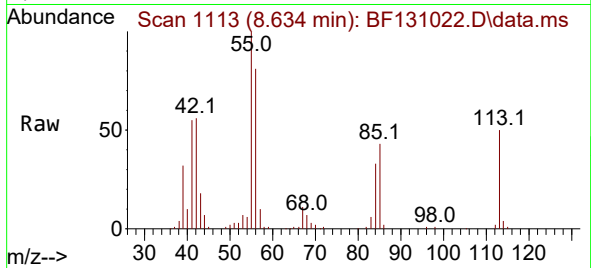




#35  
Caprolactam  
Concen: 21.292 ng  
RT: 8.634 min Scan# 1113  
Delta R.T. -0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

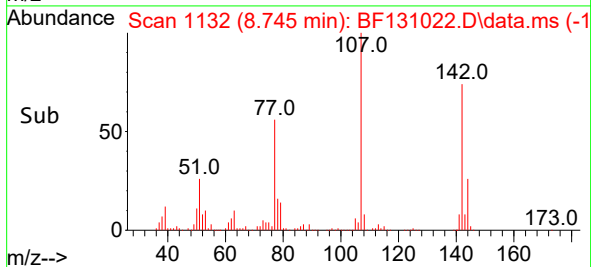
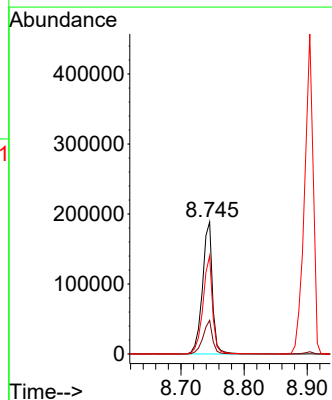
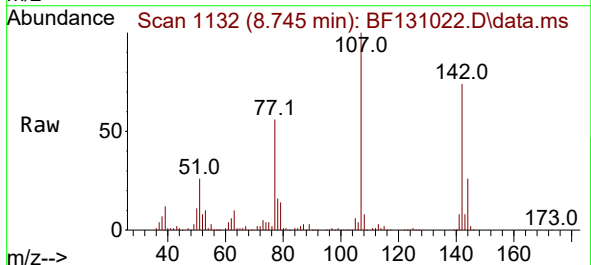
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

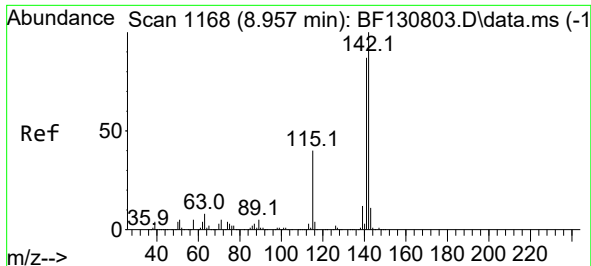
Tgt Ion:113 Resp: 33485  
Ion Ratio Lower Upper  
113 100  
55 201.6 187.0 227.0  
56 163.7 134.2 174.2



#36  
4-Chloro-3-methylphenol  
Concen: 38.843 ng  
RT: 8.745 min Scan# 1132  
Delta R.T. 0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:107 Resp: 206766  
Ion Ratio Lower Upper  
107 100  
144 25.5 19.8 29.8  
142 74.3 56.0 84.0

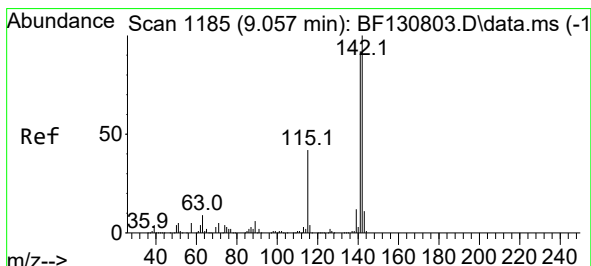
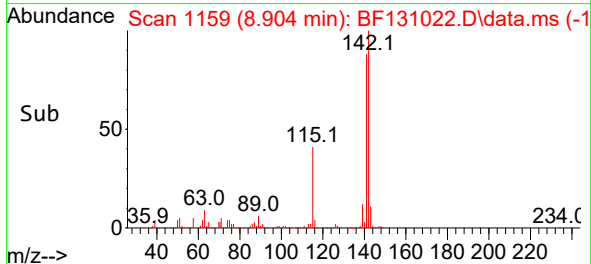
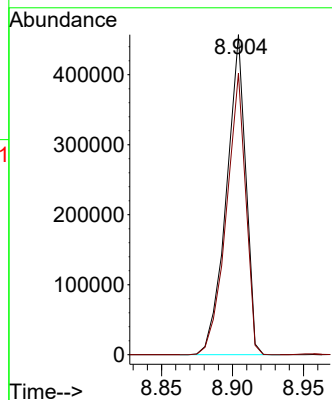
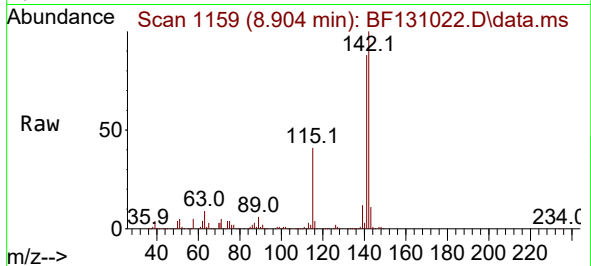




#37  
2-Methylnaphthalene  
Concen: 39.304 ng  
RT: 8.904 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

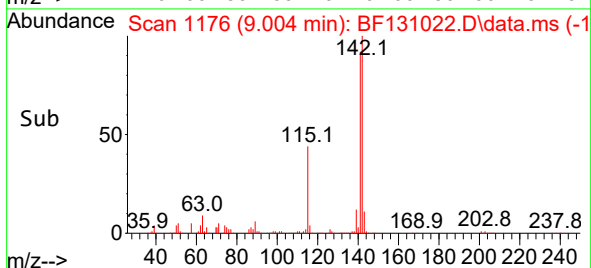
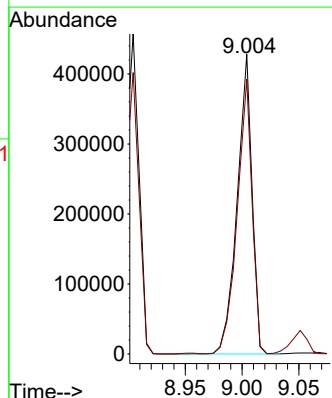
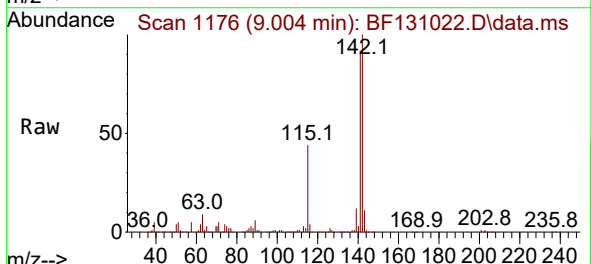
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

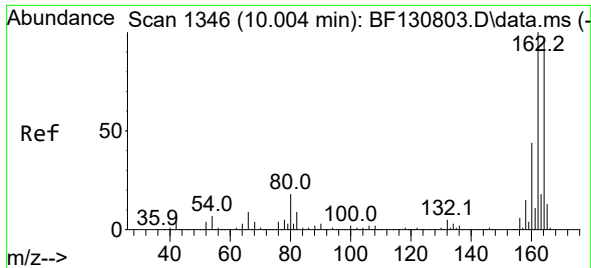
Tgt Ion:142 Resp: 432335  
Ion Ratio Lower Upper  
142 100  
141 88.0 69.9 104.9



#38  
1-Methylnaphthalene  
Concen: 36.467 ng  
RT: 9.004 min Scan# 1176  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:142 Resp: 390380  
Ion Ratio Lower Upper  
142 100  
141 91.7 73.5 110.3

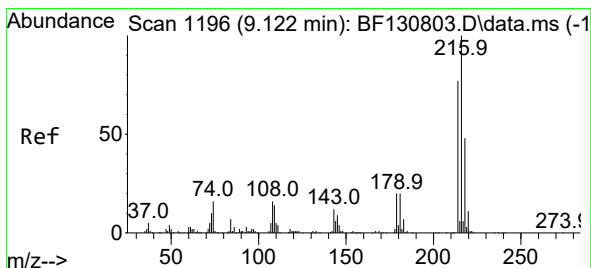
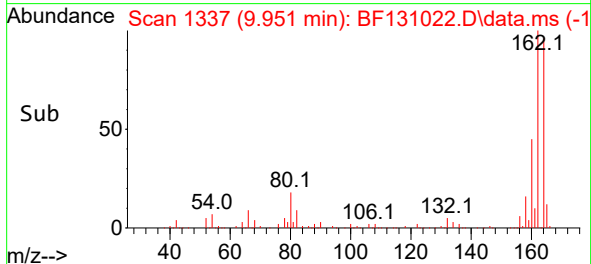
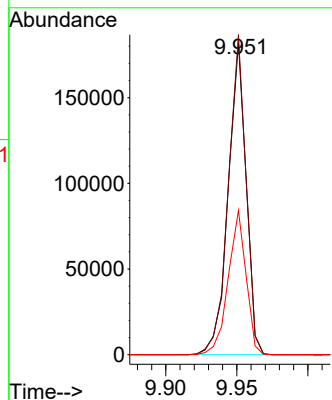
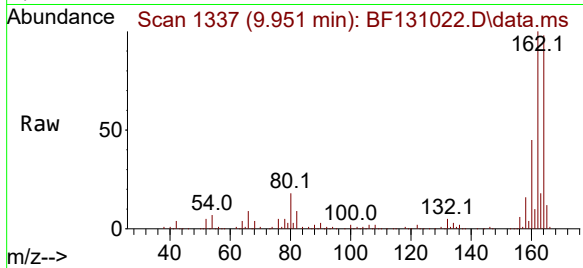




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.951 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

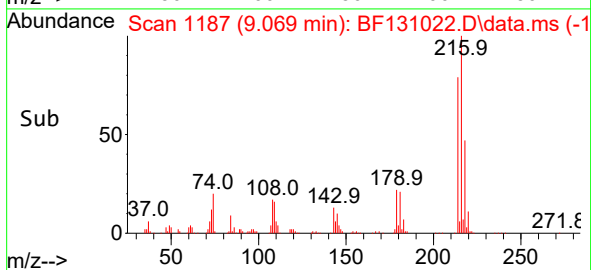
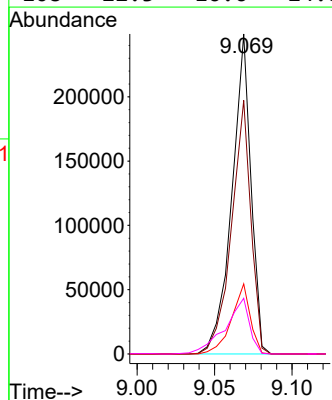
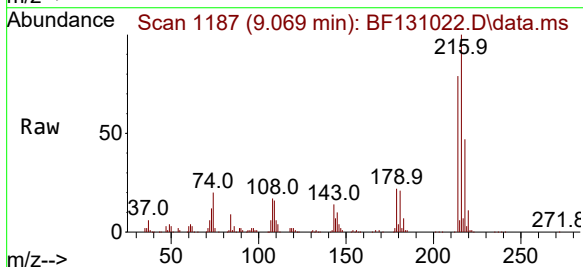
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

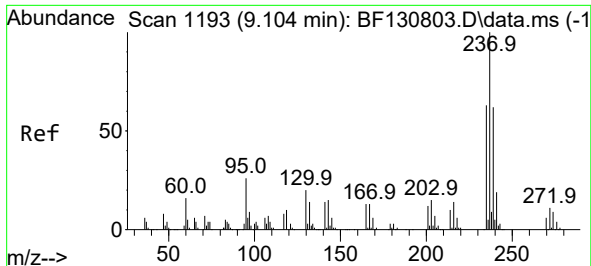
Tgt Ion:164 Resp: 159438  
Ion Ratio Lower Upper  
164 100  
162 102.5 82.2 123.2  
160 46.2 36.6 54.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.103 ng  
RT: 9.069 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:216 Resp: 212972  
Ion Ratio Lower Upper  
216 100  
214 80.4 62.7 94.1  
179 21.6 16.9 25.3  
108 22.3 16.6 24.8

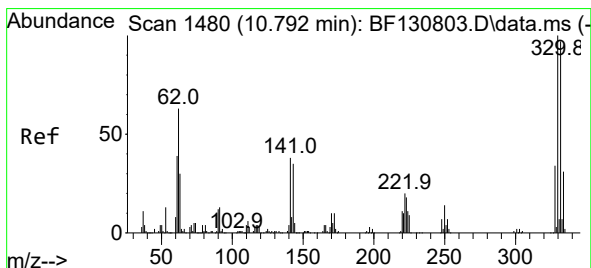
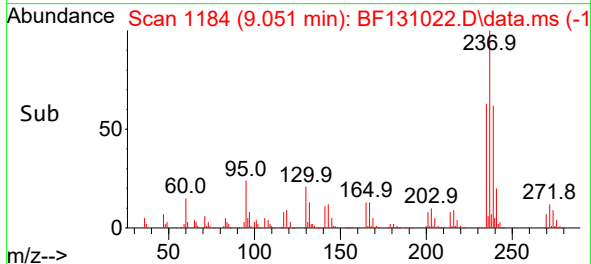
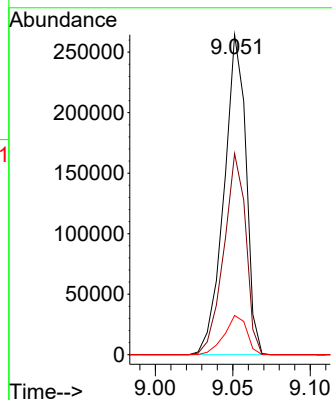
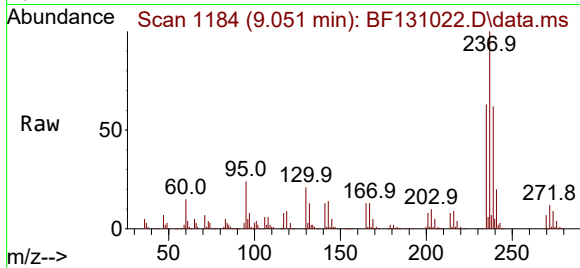




#41  
Hexachlorocyclopentadiene  
Concen: 109.769 ng  
RT: 9.051 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

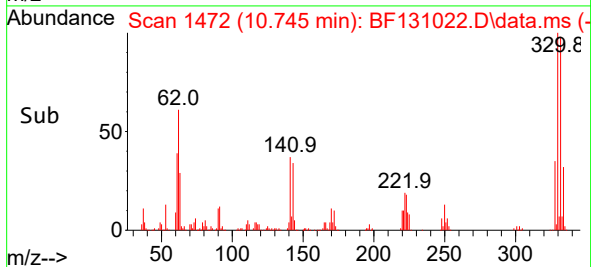
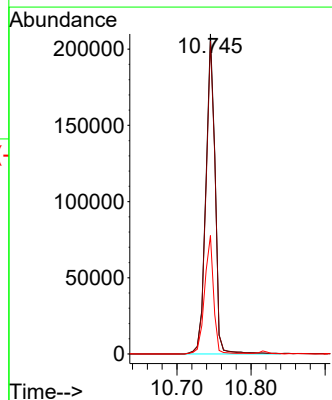
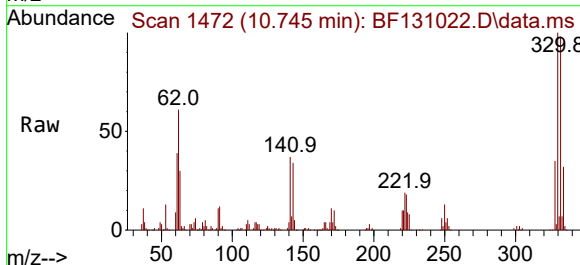
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

Tgt Ion:237 Resp: 260772  
Ion Ratio Lower Upper  
237 100  
235 62.9 43.5 83.5  
272 12.3 0.0 31.4

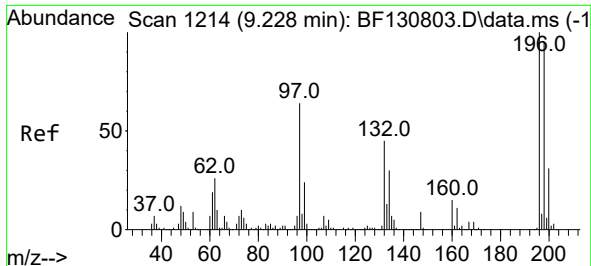


#42  
2,4,6-Tribromophenol  
Concen: 136.072 ng  
RT: 10.745 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:330 Resp: 182628  
Ion Ratio Lower Upper  
330 100  
332 98.1 76.2 114.4  
141 36.3 31.4 47.0







#43

2,4,6-Trichlorophenol

Concen: 45.513 ng

RT: 9.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA\_F

ClientSampleId :

SB-2MSD

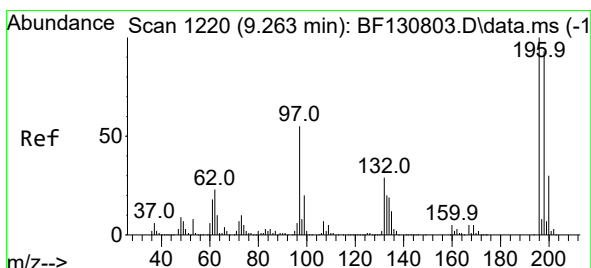
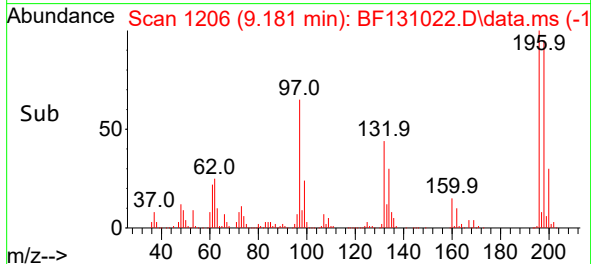
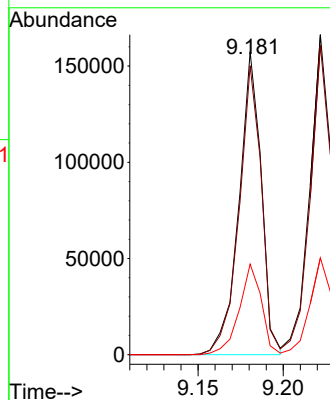
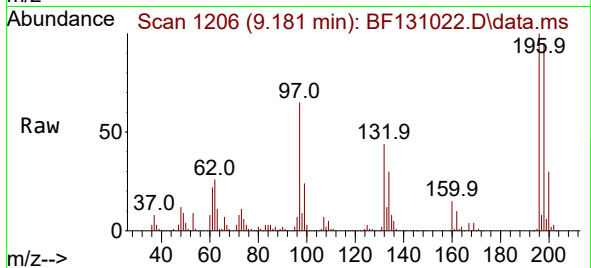
Tgt Ion:196 Resp: 142992

Ion Ratio Lower Upper

196 100

198 95.4 76.1 114.1

200 29.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 44.811 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Tgt Ion:196 Resp: 150415

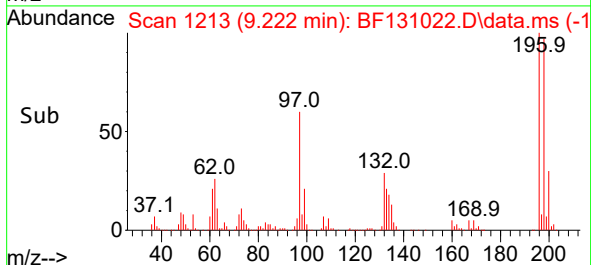
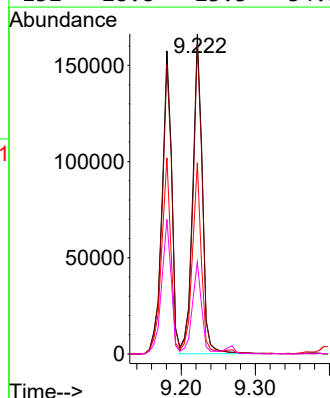
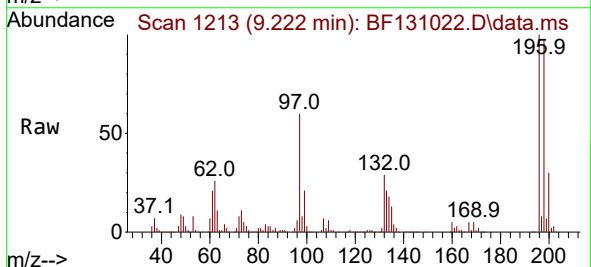
Ion Ratio Lower Upper

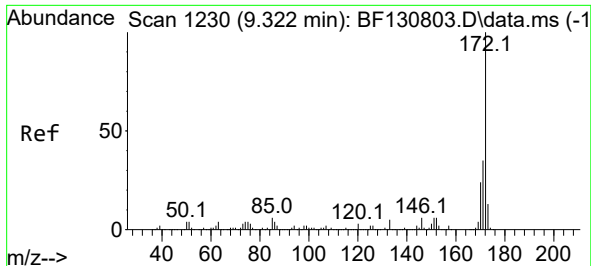
196 100

198 96.8 74.6 112.0

97 59.7 44.7 67.1

132 28.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 69.022 ng

RT: 9.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA\_F

ClientSampleId :

SB-2MSD

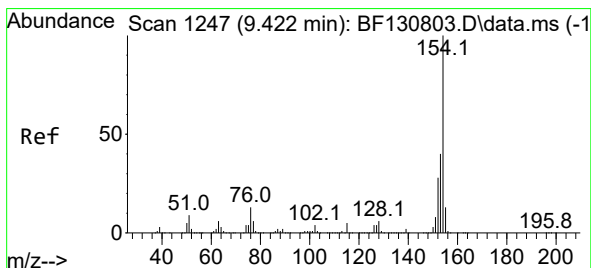
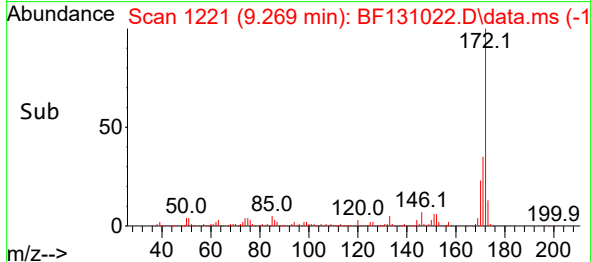
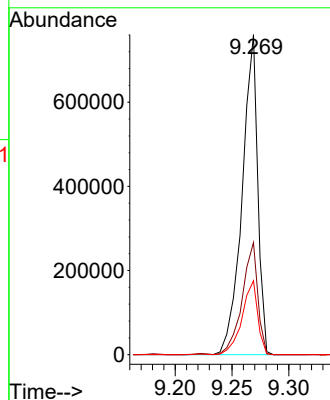
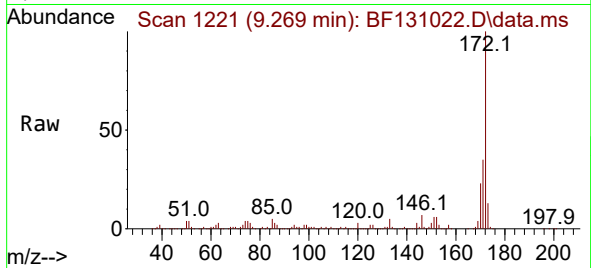
Tgt Ion:172 Resp: 727882

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.779 ng

RT: 9.369 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

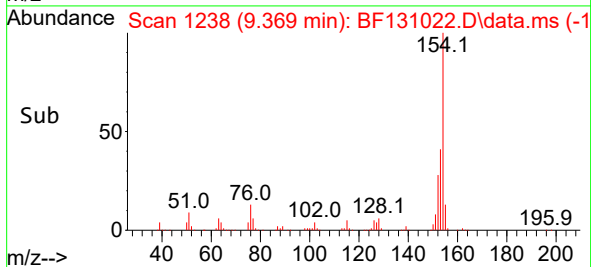
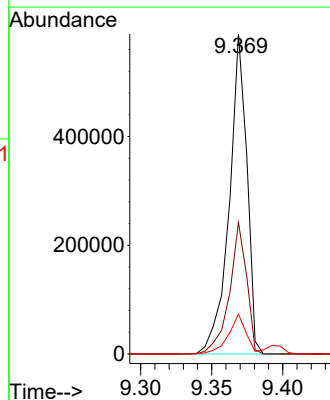
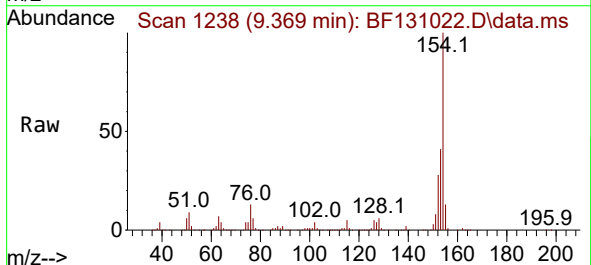
Tgt Ion:154 Resp: 508650

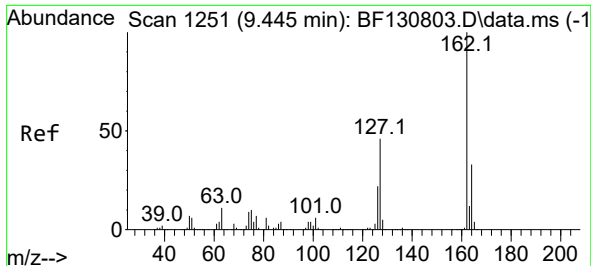
Ion Ratio Lower Upper

154 100

153 41.1 19.9 59.9

76 12.5 0.0 32.5

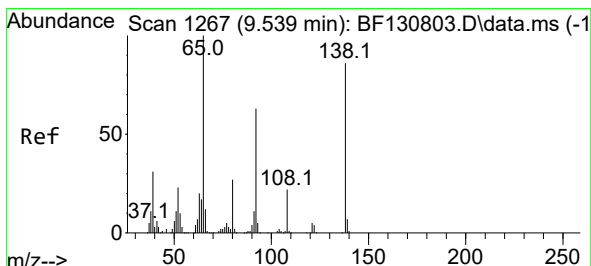
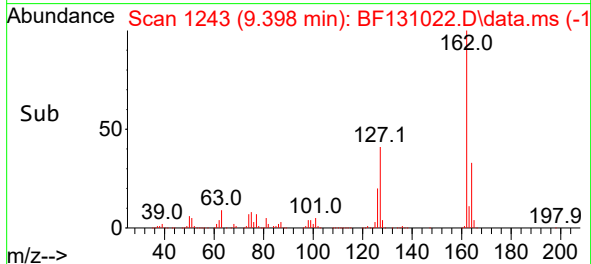
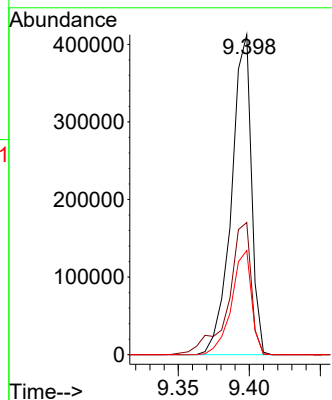
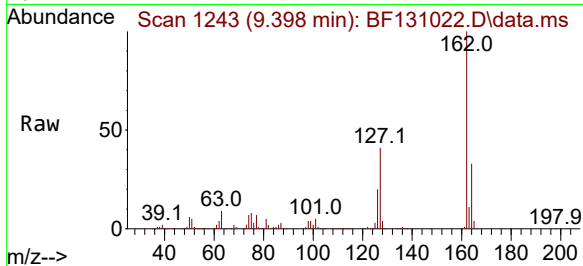




#47  
2-Chloronaphthalene  
Concen: 44.171 ng  
RT: 9.398 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

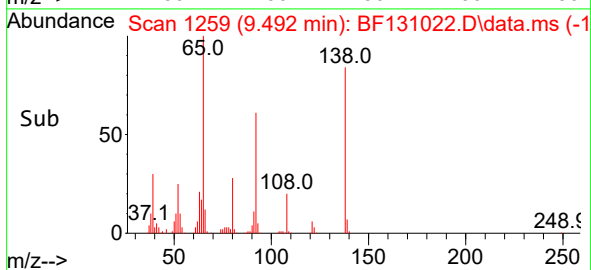
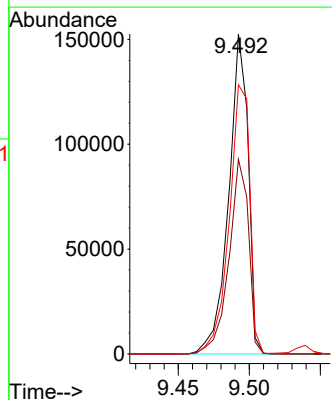
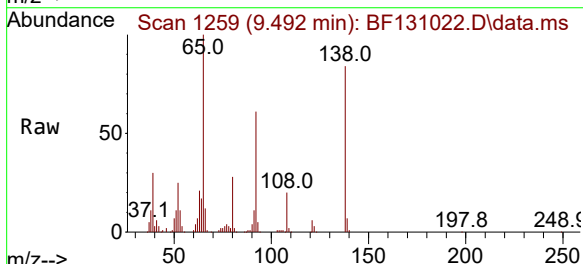
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

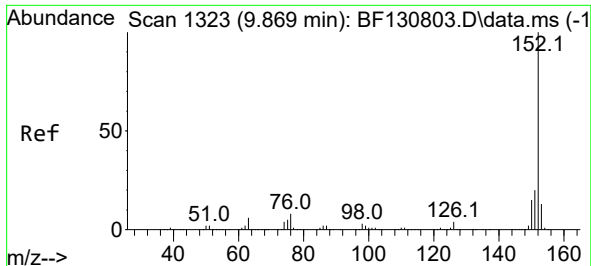
Tgt Ion:162 Resp: 402333  
Ion Ratio Lower Upper  
162 100  
127 41.3 36.6 54.8  
164 32.5 26.5 39.7



#48  
2-Nitroaniline  
Concen: 49.524 ng  
RT: 9.492 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion: 65 Resp: 145471  
Ion Ratio Lower Upper  
65 100  
92 60.8 50.1 75.1  
138 84.1 69.2 103.8





#49

Acenaphthylene

Concen: 42.377 ng

RT: 9.816 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA\_F

ClientSampleId :

SB-2MSD

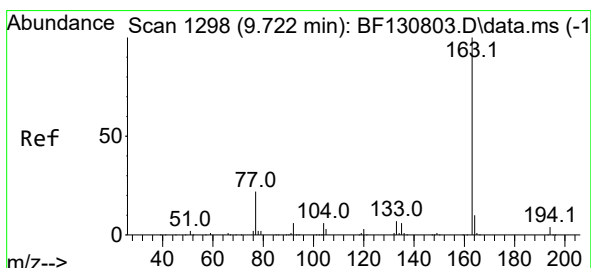
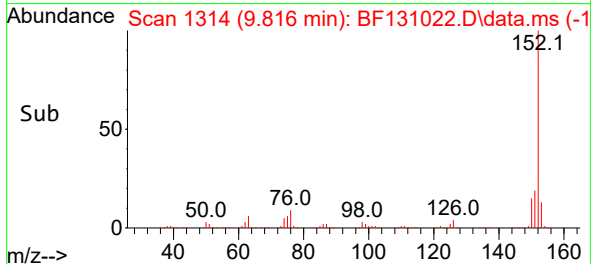
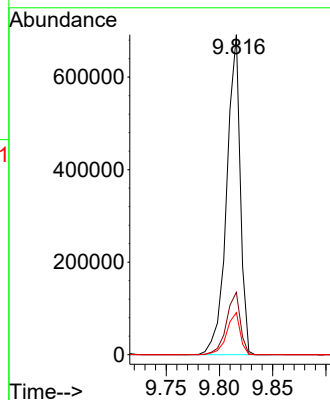
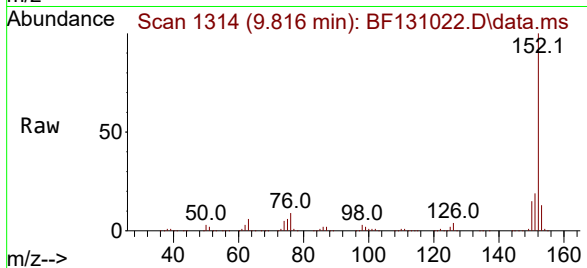
Tgt Ion:152 Resp: 609962

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.8

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 42.495 ng

RT: 9.675 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

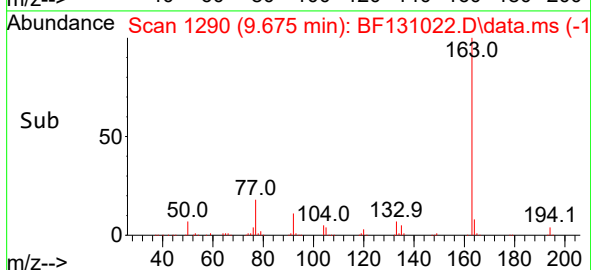
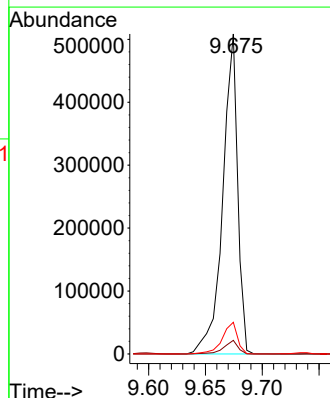
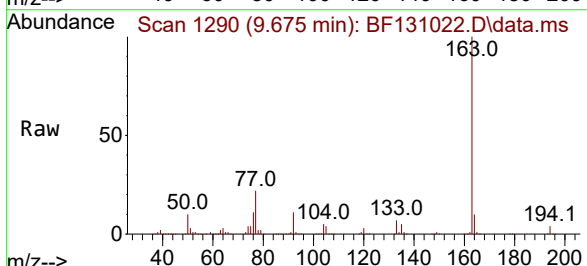
Tgt Ion:163 Resp: 465362

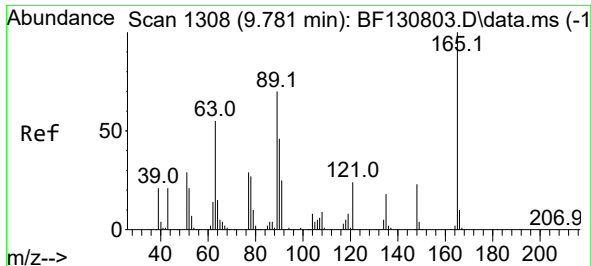
Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 9.9 8.0 12.0

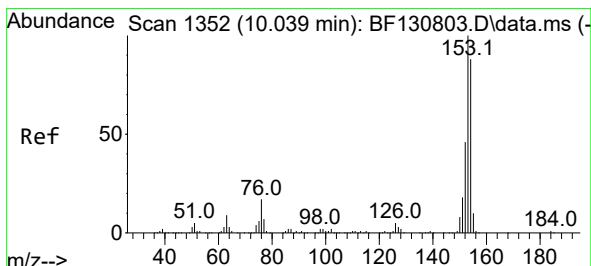
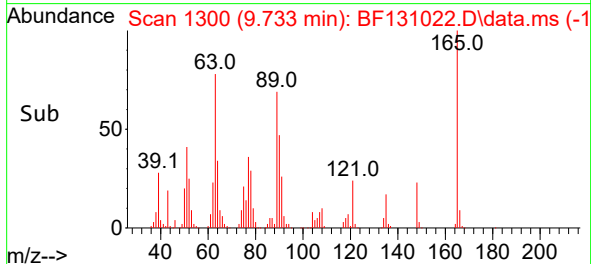
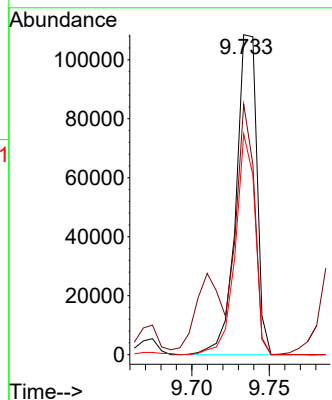
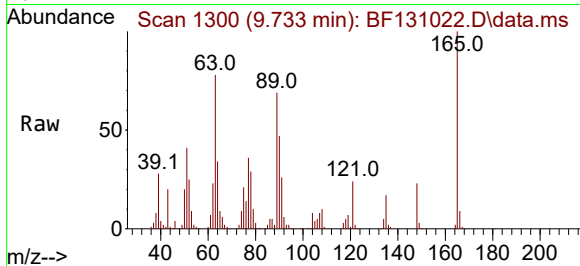




#51  
2,6-Dinitrotoluene  
Concen: 48.959 ng  
RT: 9.733 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

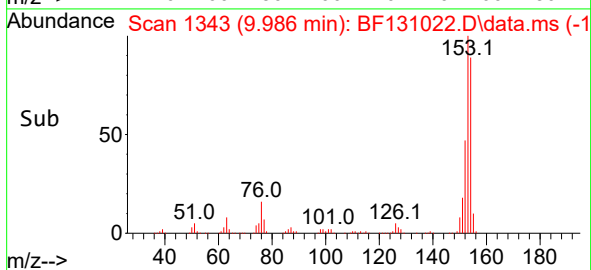
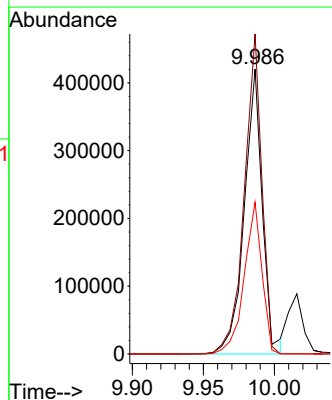
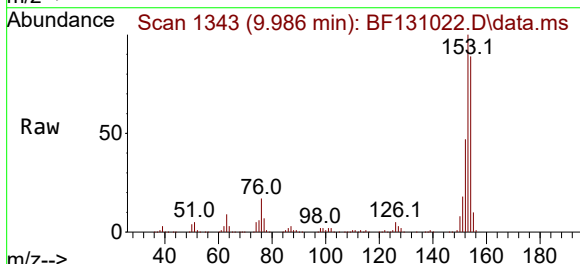
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

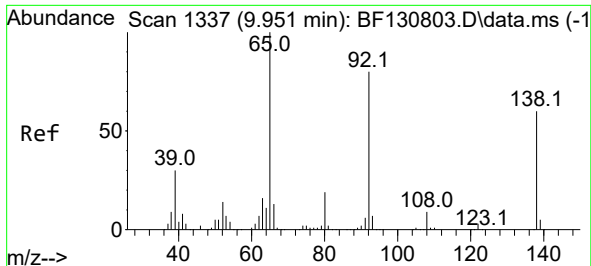
Tgt Ion:165 Resp: 102043  
Ion Ratio Lower Upper  
165 100  
63 78.3 61.8 92.8  
89 69.0 56.2 84.4



#52  
Acenaphthene  
Concen: 41.718 ng  
RT: 9.986 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:154 Resp: 371306  
Ion Ratio Lower Upper  
154 100  
153 112.3 90.5 135.7  
152 53.2 42.0 63.0

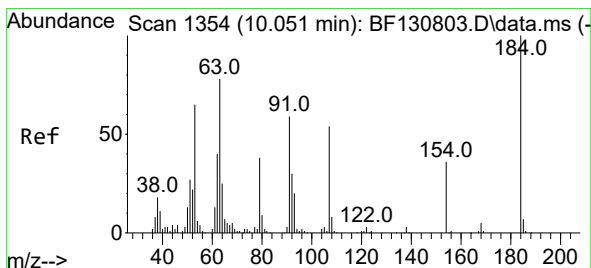
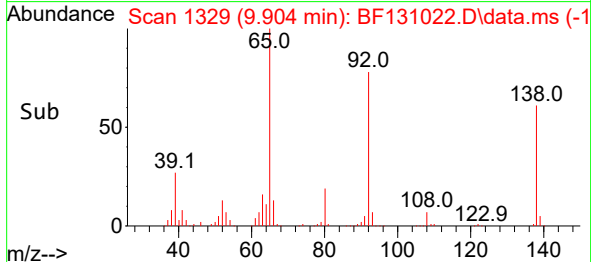
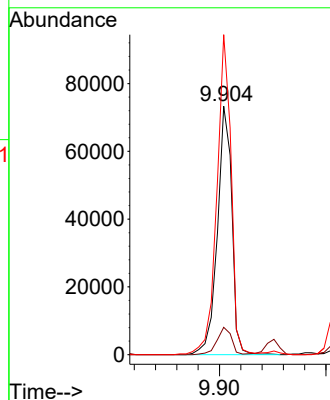
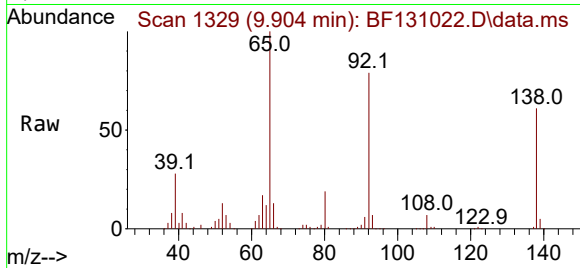




#53  
3-Nitroaniline  
Concen: 32.188 ng  
RT: 9.904 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

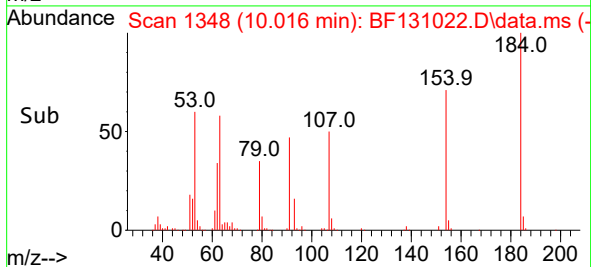
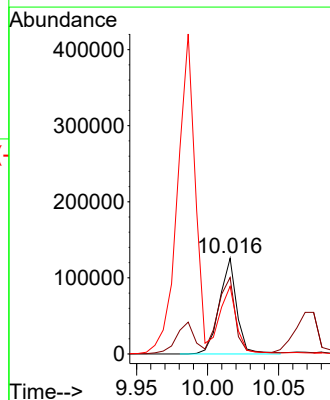
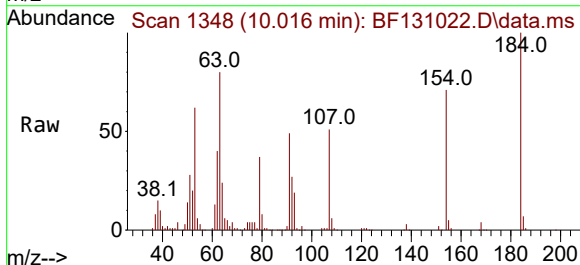
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

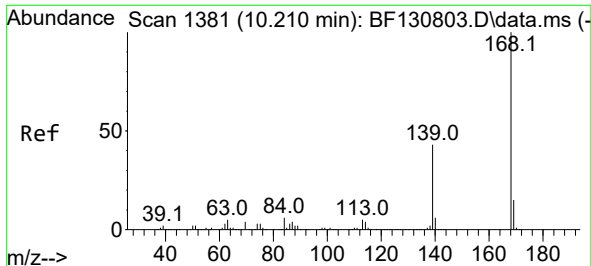
Tgt Ion:138 Resp: 68659  
Ion Ratio Lower Upper  
138 100  
108 11.0 12.7 19.1#  
92 128.8 107.8 161.8



#54  
2,4-Dinitrophenol  
Concen: 97.337 ng  
RT: 10.016 min Scan# 1348  
Delta R.T. 0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:184 Resp: 107023  
Ion Ratio Lower Upper  
184 100  
63 79.9 66.7 100.1  
154 70.7 62.2 93.2

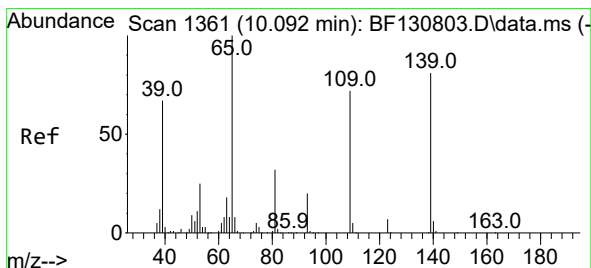
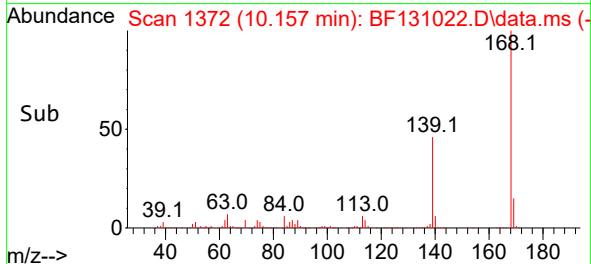
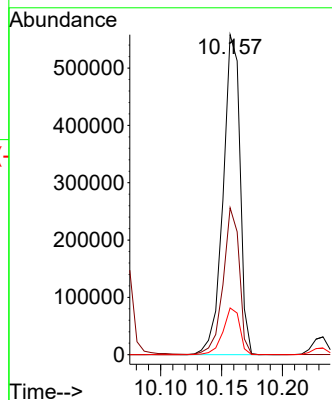
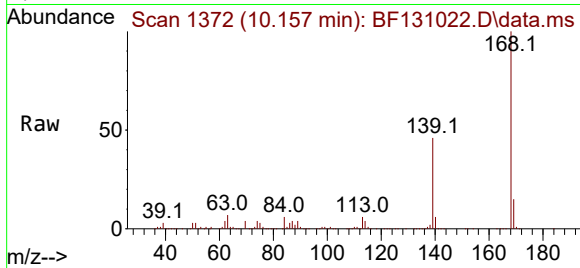




#55  
Dibenzenofuran  
Concen: 41.937 ng  
RT: 10.157 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

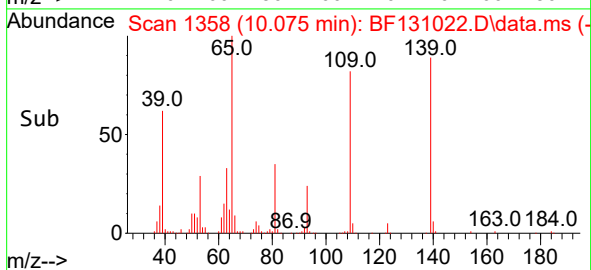
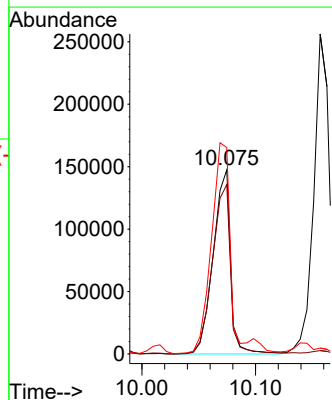
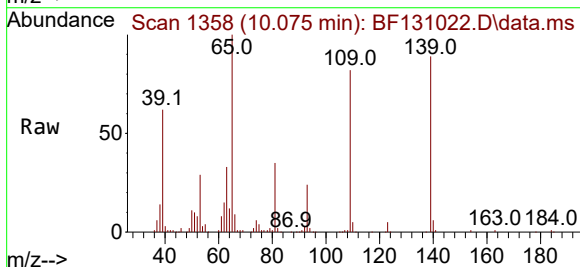
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

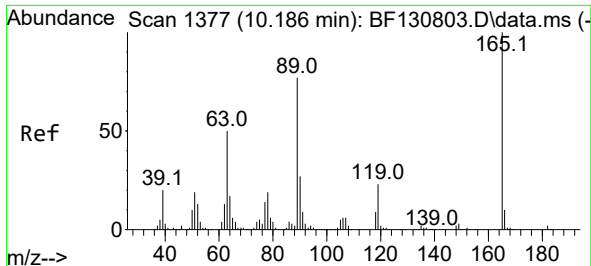
Tgt Ion:168 Resp: 541020  
Ion Ratio Lower Upper  
168 100  
139 45.9 34.3 51.5  
169 14.6 11.9 17.9



#56  
4-Nitrophenol  
Concen: 92.991 ng  
RT: 10.075 min Scan# 1358  
Delta R.T. 0.012 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

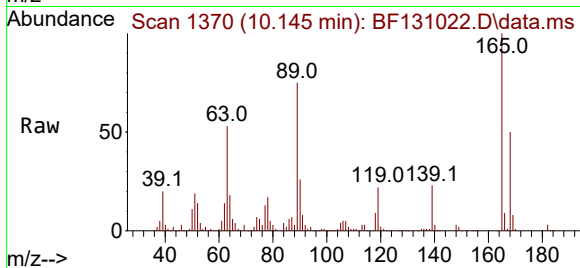
Tgt Ion:139 Resp: 157055  
Ion Ratio Lower Upper  
139 100  
109 92.0 69.3 109.3  
65 112.2 105.3 145.3



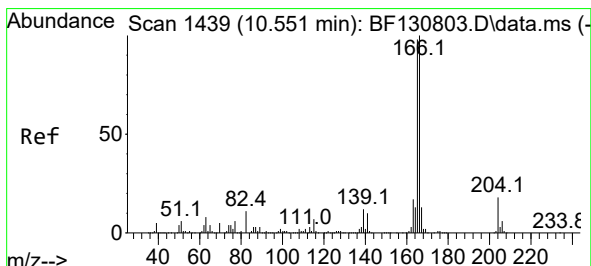
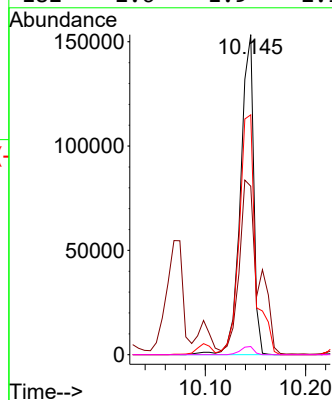
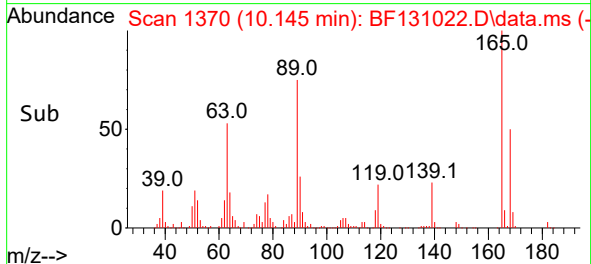


#57  
2,4-Dinitrotoluene  
Concen: 53.126 ng  
RT: 10.145 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

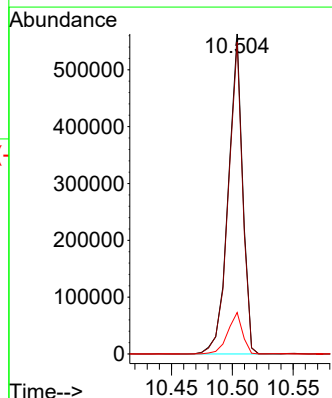
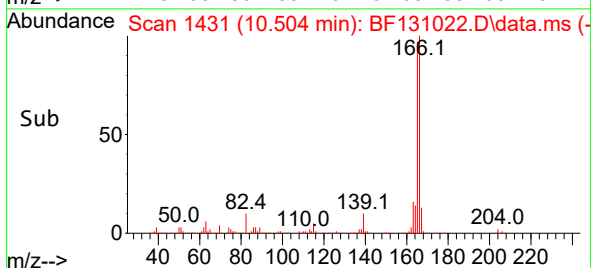
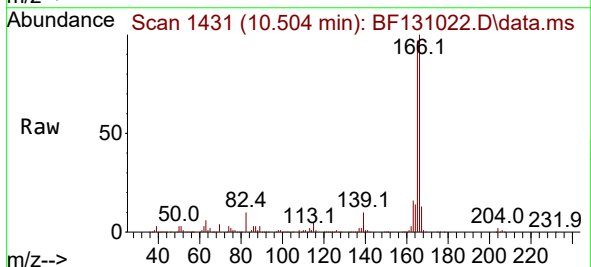


Tgt Ion:165 Resp: 140075  
Ion Ratio Lower Upper  
165 100  
63 52.7 39.8 59.6  
89 75.0 61.9 92.9  
182 2.6 1.9 2.9

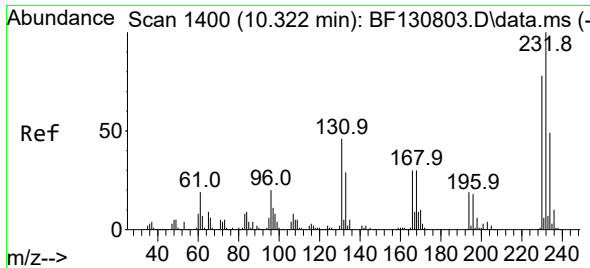


#58  
Fluorene  
Concen: 45.526 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:166 Resp: 462466  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.1 117.1  
167 13.0 10.4 15.6



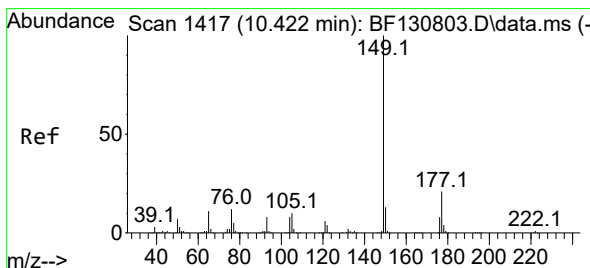
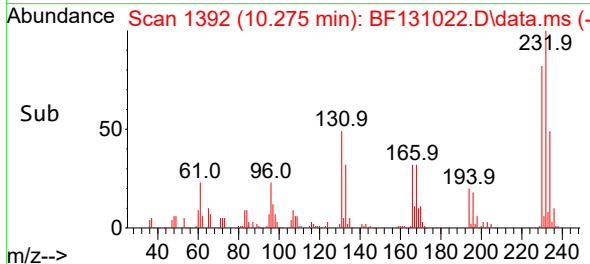
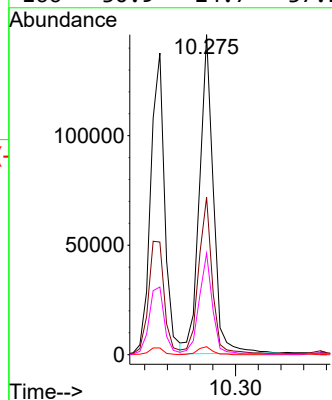
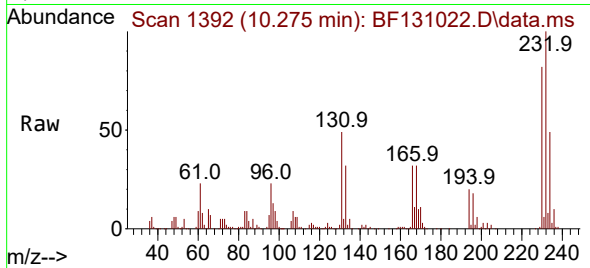




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.772 ng  
RT: 10.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

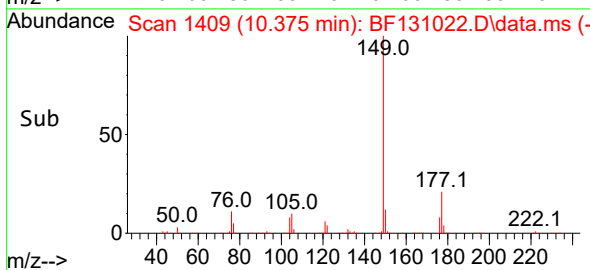
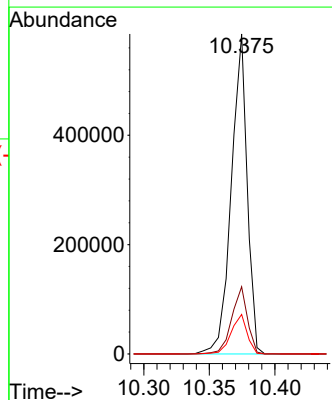
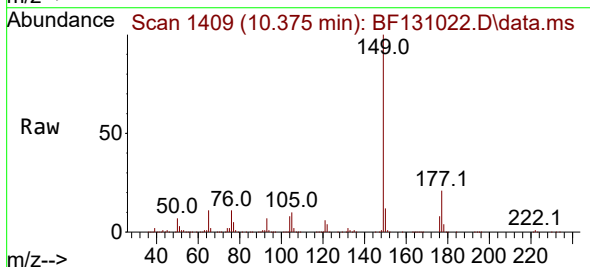
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

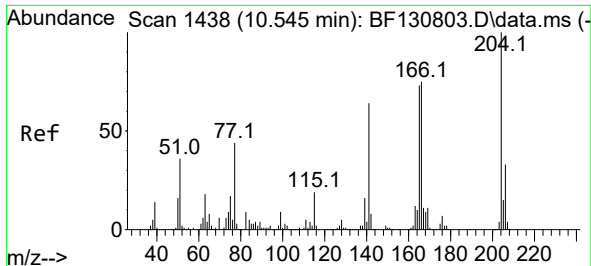
Tgt Ion:232 Resp: 123902  
Ion Ratio Lower Upper  
232 100  
131 48.4 39.6 59.4  
130 2.7 2.1 3.1  
166 30.9 24.7 37.1



#60  
Diethylphthalate  
Concen: 45.703 ng  
RT: 10.375 min Scan# 1409  
Delta R.T. 0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:149 Resp: 492225  
Ion Ratio Lower Upper  
149 100  
177 21.0 17.2 25.8  
150 12.4 10.8 16.2

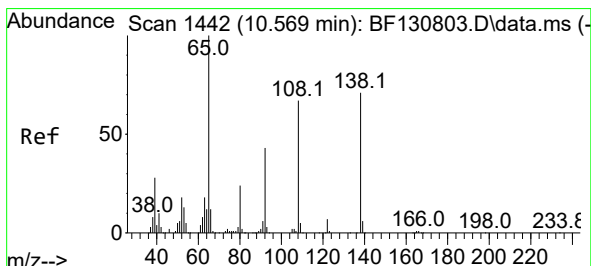
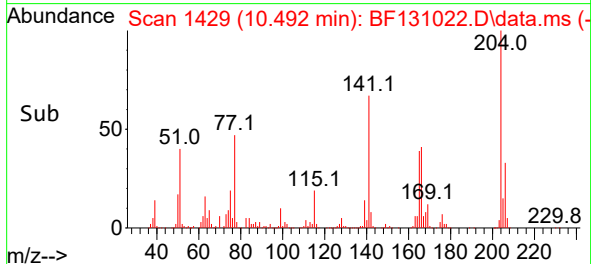
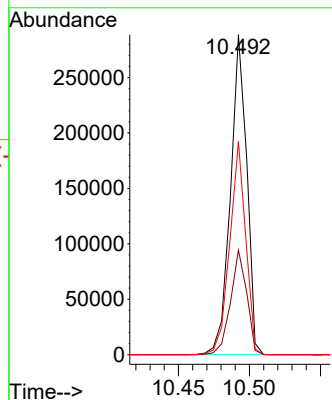
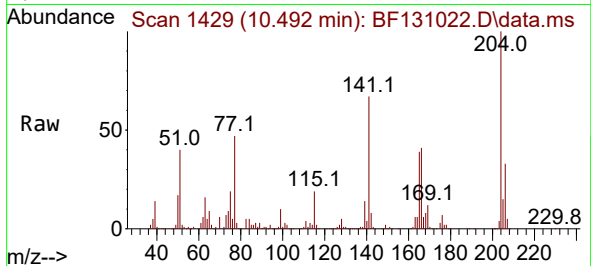




#61  
4-Chlorophenyl-phenylether  
Concen: 47.356 ng  
RT: 10.492 min Scan# 1438  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

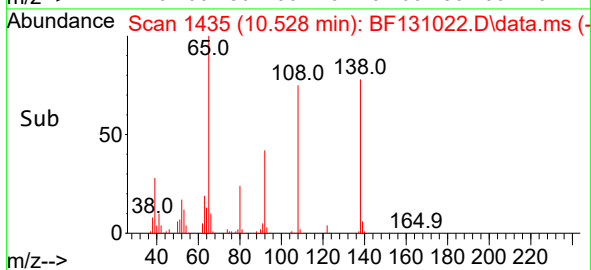
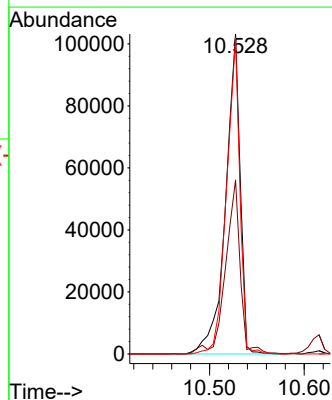
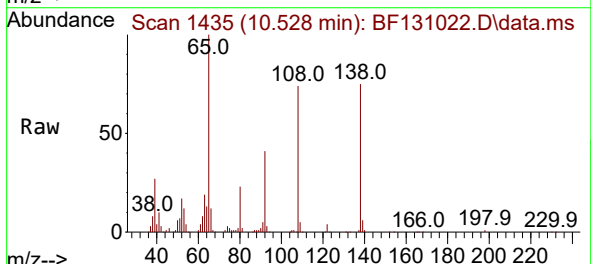
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

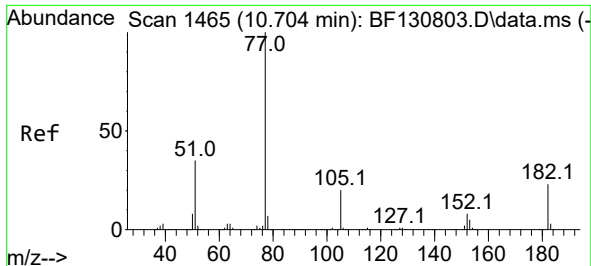
Tgt Ion:204 Resp: 230137  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.6 39.8  
141 66.7 51.3 76.9



#62  
4-Nitroaniline  
Concen: 51.155 ng  
RT: 10.528 min Scan# 1435  
Delta R.T. 0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:138 Resp: 110490  
Ion Ratio Lower Upper  
138 100  
92 54.4 40.6 80.6  
108 98.9 74.7 114.7

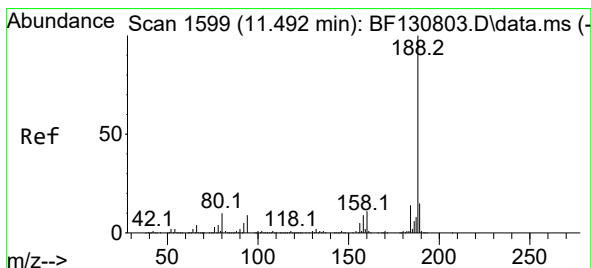
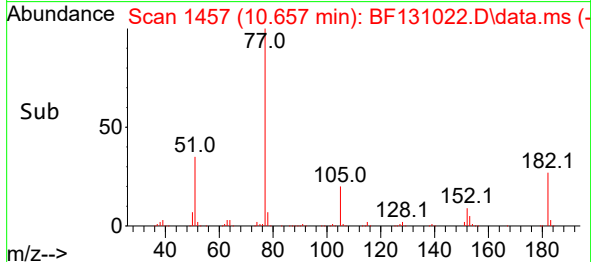
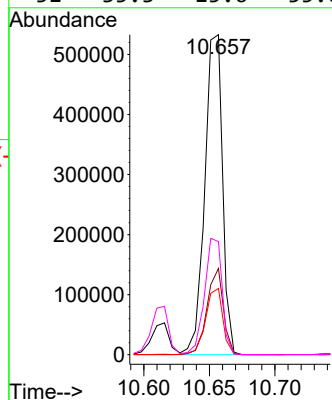
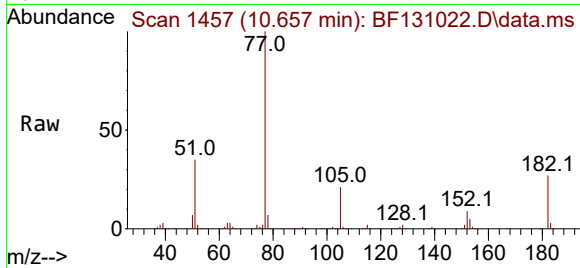




#63  
Azobenzene  
Concen: 44.889 ng  
RT: 10.657 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

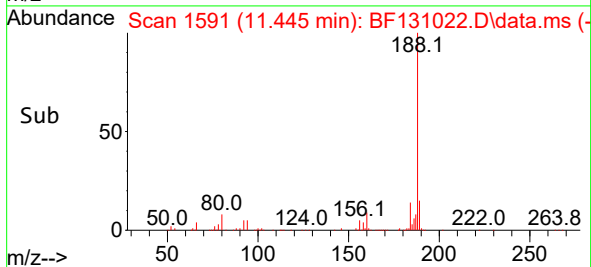
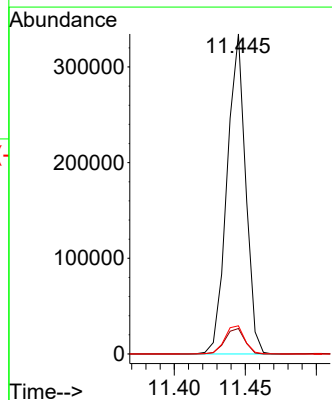
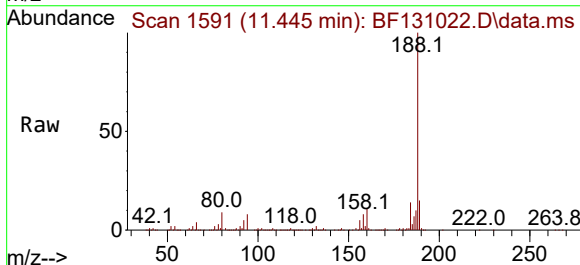
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

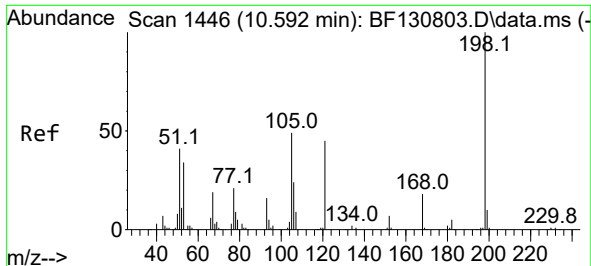
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 504676 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 26.9    | 2.6 42.6     |
| 105 20.7    | 0.0 40.0     |
| 51 35.3     | 15.6 55.6    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.445 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 304184 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.0      | 7.4 11.2     |
| 80 8.8      | 8.0 12.0     |

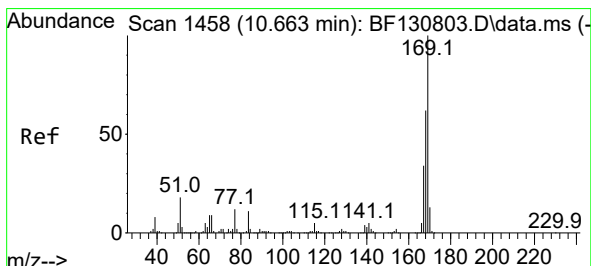
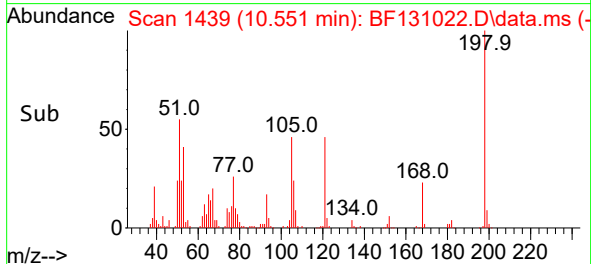
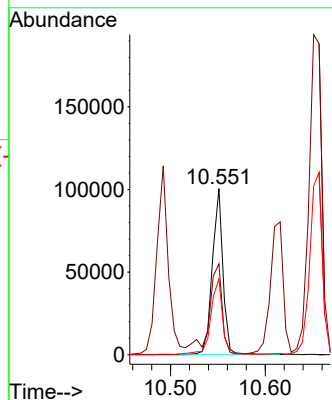
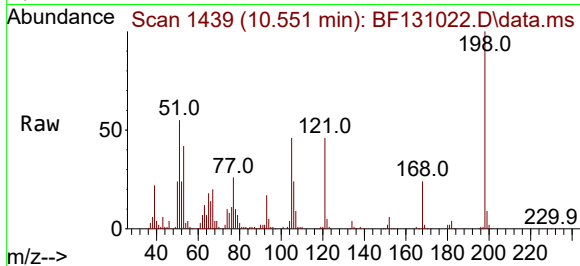




#65  
4,6-Dinitro-2-methylphenol  
Concen: 59.202 ng  
RT: 10.551 min Scan# 1446  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

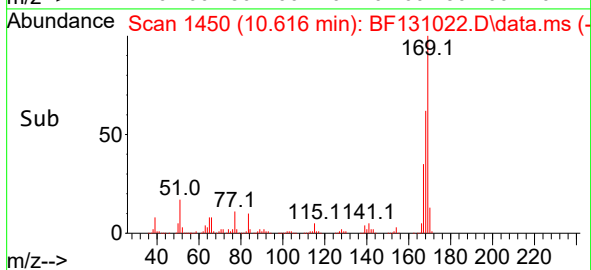
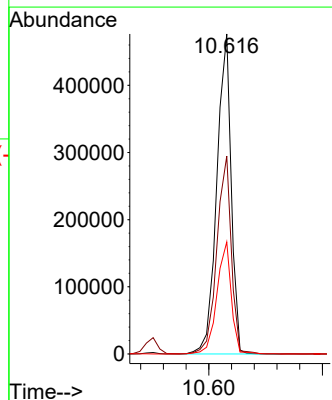
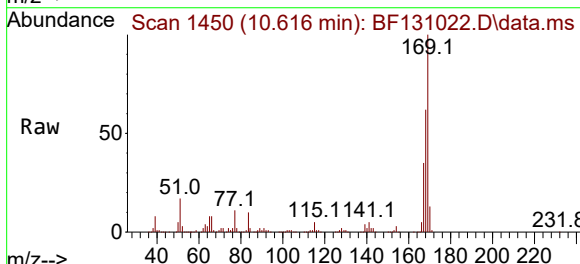
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

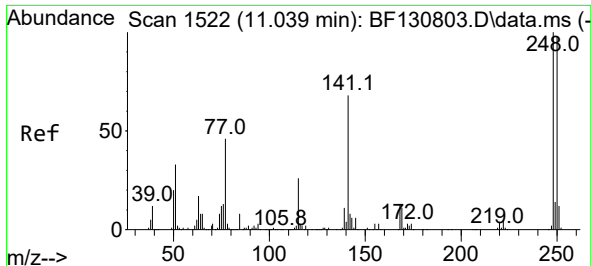
Tgt Ion:198 Resp: 78079  
Ion Ratio Lower Upper  
198 100  
51 54.7 39.0 79.0  
105 45.7 30.6 70.6



#66  
n-Nitrosodiphenylamine  
Concen: 44.125 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:169 Resp: 418659  
Ion Ratio Lower Upper  
169 100  
168 61.9 49.4 74.0  
167 35.0 27.4 41.2

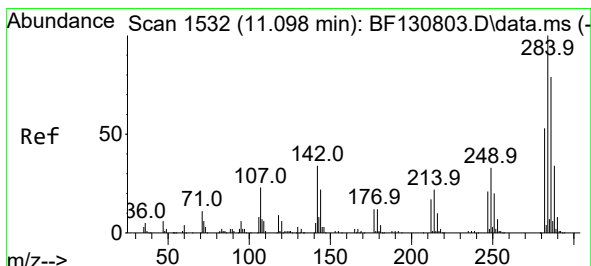
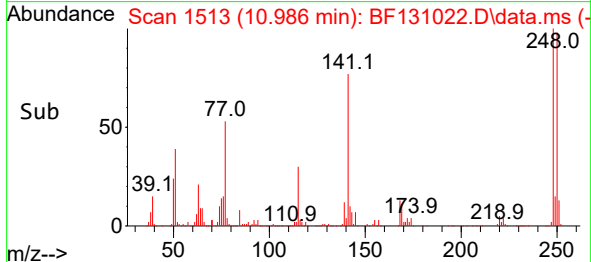
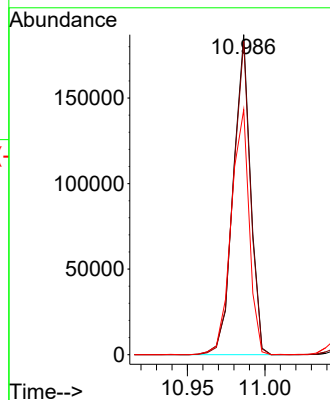
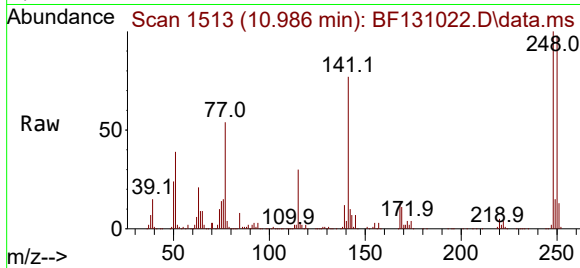




#67  
4-Bromophenyl-phenylether  
Concen: 47.189 ng  
RT: 10.986 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

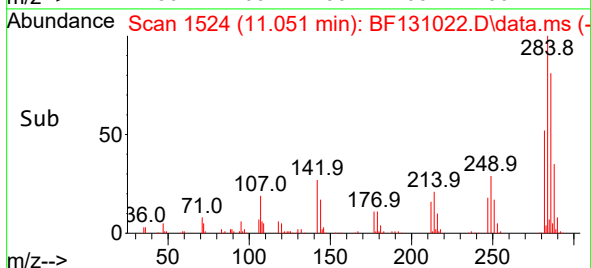
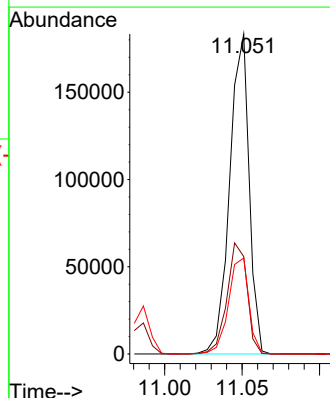
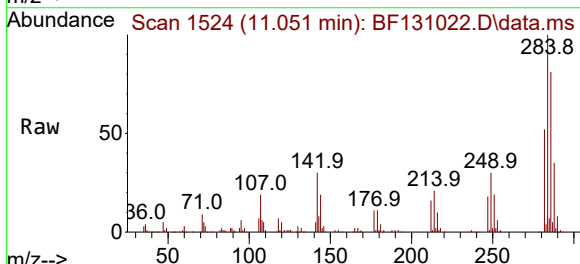
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

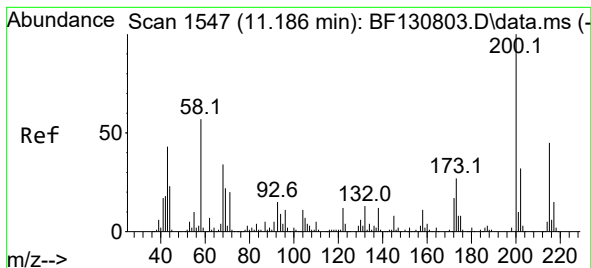
Tgt Ion:248 Resp: 144353  
Ion Ratio Lower Upper  
248 100  
250 97.9 78.6 117.8  
141 76.6 54.2 81.4



#68  
Hexachlorobenzene  
Concen: 47.378 ng  
RT: 11.051 min Scan# 1524  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:284 Resp: 159684  
Ion Ratio Lower Upper  
284 100  
142 30.5 27.1 40.7  
249 30.0 26.6 39.8





#69

Atrazine

Concen: 50.613 ng

RT: 11.145 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA\_F

ClientSampleId :

SB-2MSD

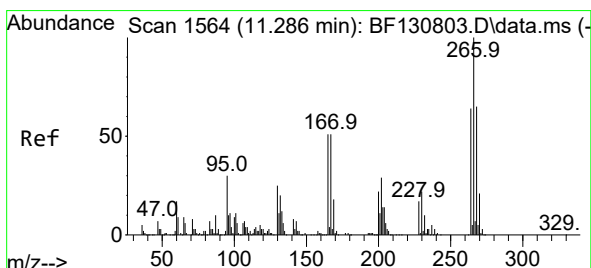
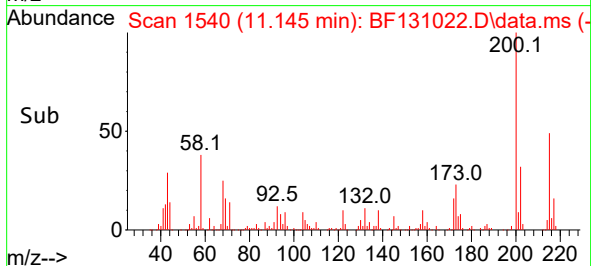
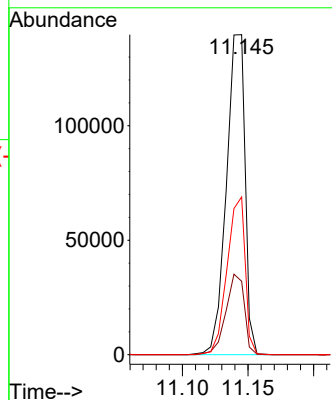
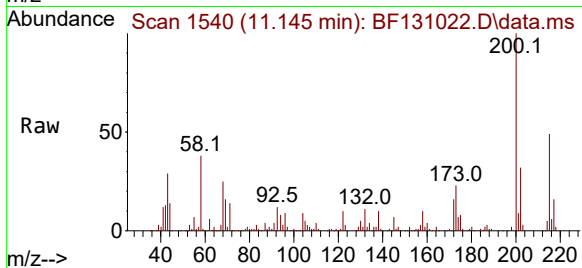
Tgt Ion:200 Resp: 138682

Ion Ratio Lower Upper

200 100

173 22.9 7.1 47.1

215 49.3 25.4 65.4



#70

Pentachlorophenol

Concen: 78.949 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

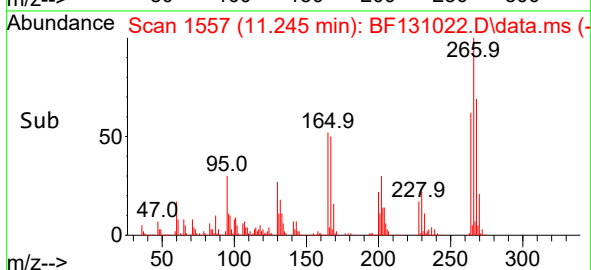
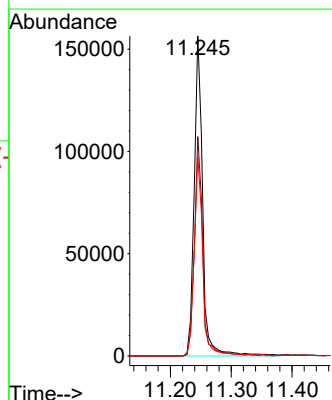
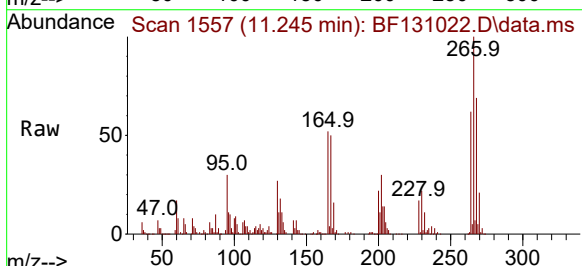
Tgt Ion:266 Resp: 151840

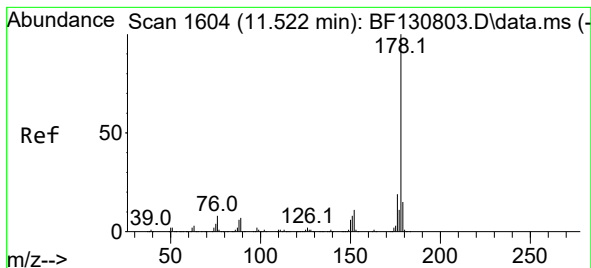
Ion Ratio Lower Upper

266 100

268 68.5 51.8 77.6

264 62.4 51.6 77.4





#71

Phenanthrene

Concen: 41.994 ng

RT: 11.469 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA\_F

ClientSampleId :

SB-2MSD

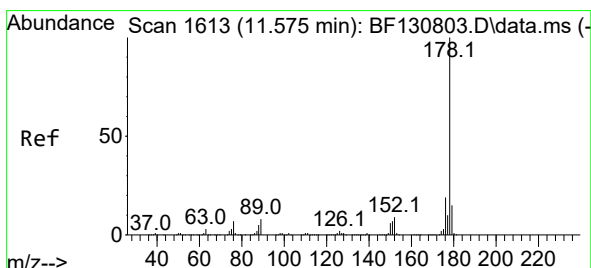
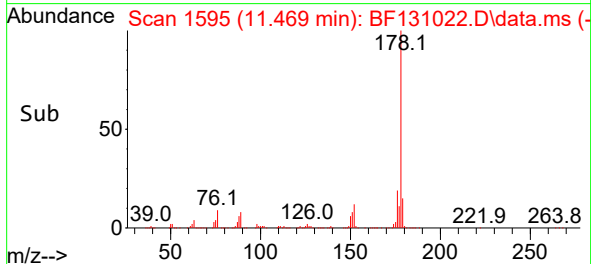
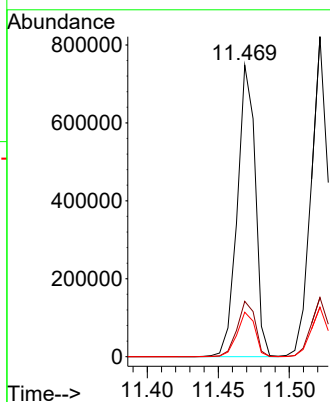
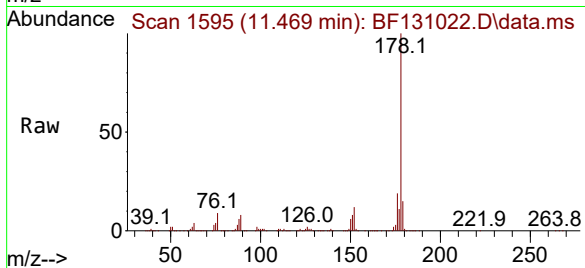
Tgt Ion:178 Resp: 659298

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.3 12.2 18.2



#72

Anthracene

Concen: 43.249 ng

RT: 11.522 min Scan# 1604

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

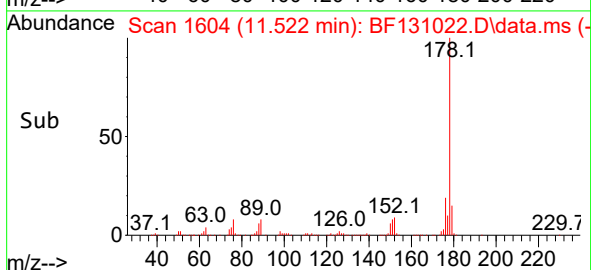
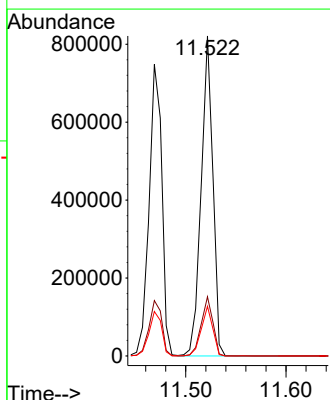
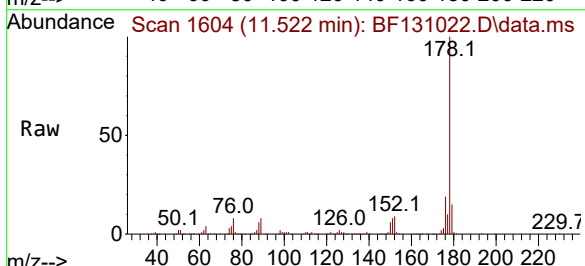
Tgt Ion:178 Resp: 669724

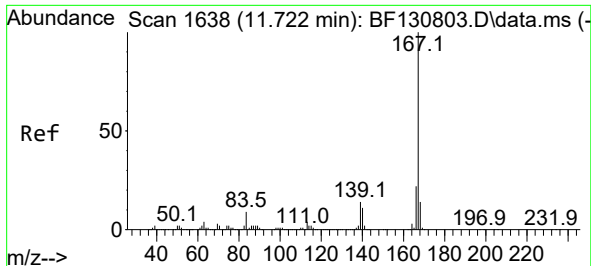
Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

179 15.5 12.2 18.4

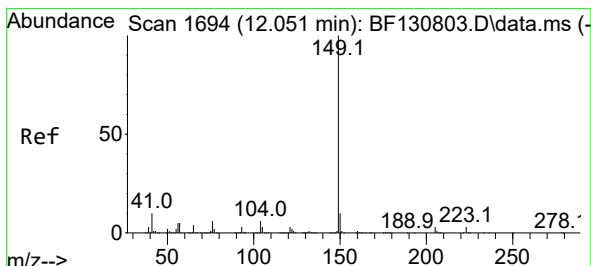
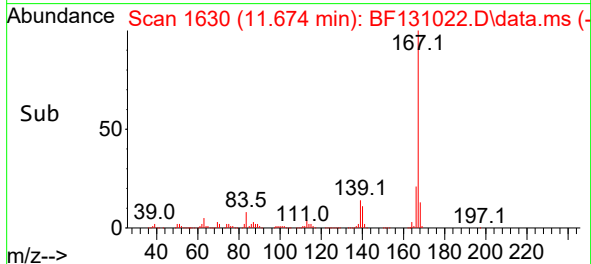
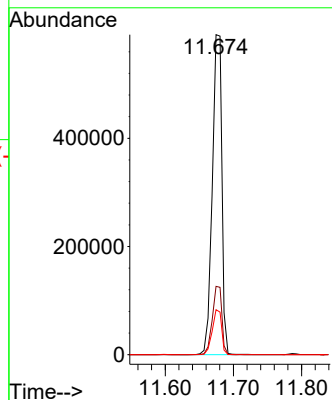
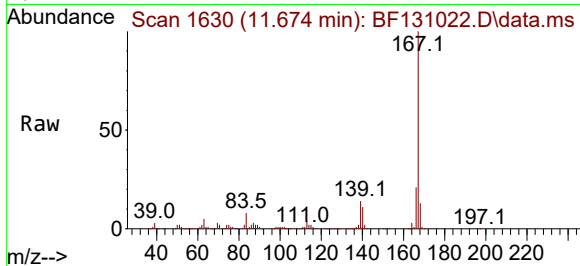




#73  
 Carbazole  
 Concen: 41.676 ng  
 RT: 11.674 min Scan# 1630  
 Delta R.T. 0.000 min  
 Lab File: BF131022.D  
 Acq: 05 Nov 2022 16:31

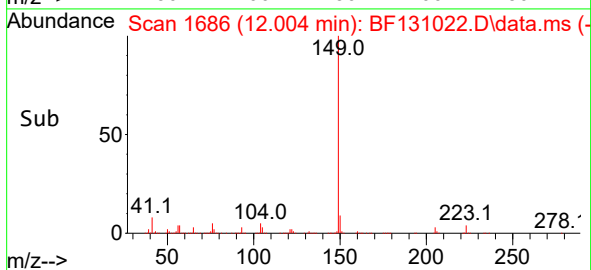
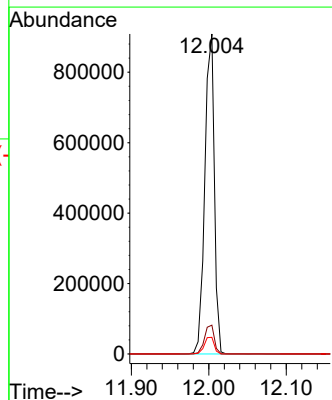
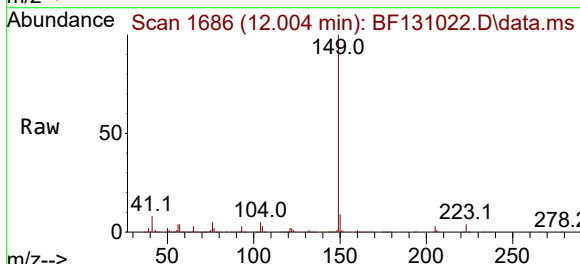
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2MSD

Tgt Ion:167 Resp: 577948  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.4 26.0  
 139 14.0 11.3 16.9

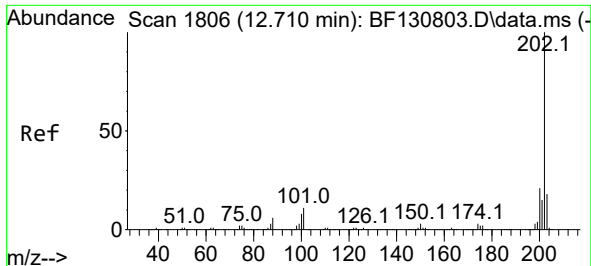


#74  
 Di-n-butylphthalate  
 Concen: 45.938 ng  
 RT: 12.004 min Scan# 1686  
 Delta R.T. 0.000 min  
 Lab File: BF131022.D  
 Acq: 05 Nov 2022 16:31

Tgt Ion:149 Resp: 773696  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.8 11.6  
 104 5.2 4.6 6.8



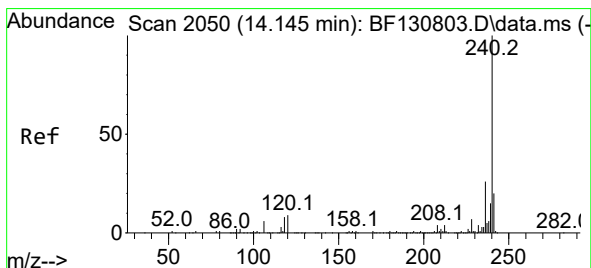
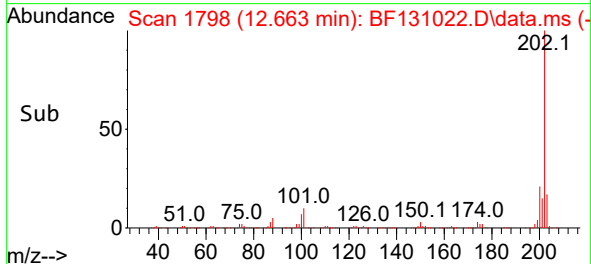
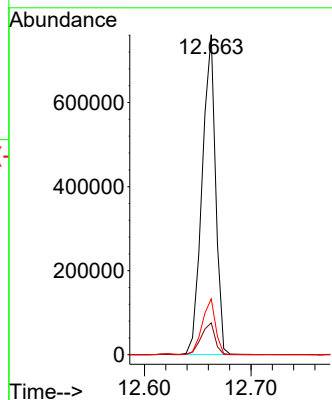
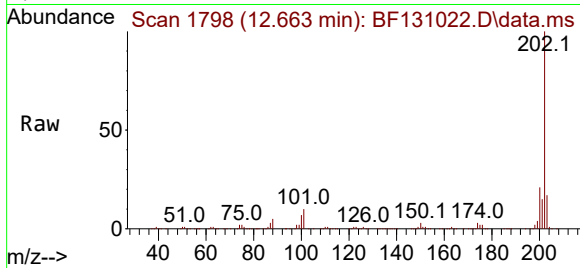




#75  
Fluoranthene  
Concen: 40.173 ng  
RT: 12.663 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

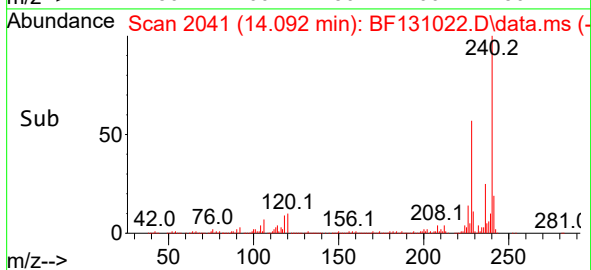
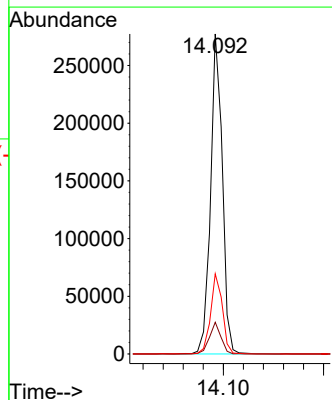
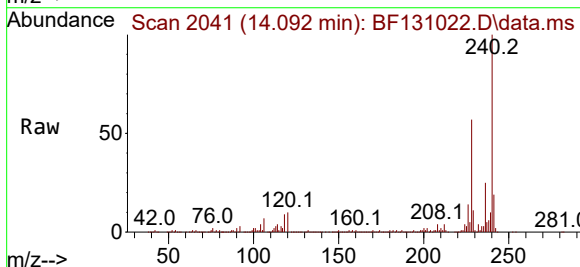
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

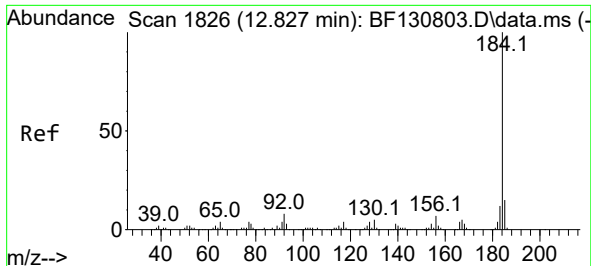
Tgt Ion:202 Resp: 670135  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 30.9  
203 17.4 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.092 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:240 Resp: 226290  
Ion Ratio Lower Upper  
240 100  
120 9.9 7.0 10.4  
236 25.0 20.5 30.7

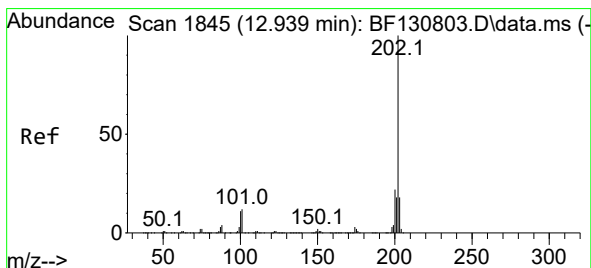
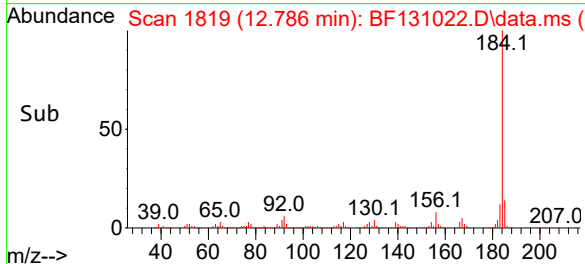
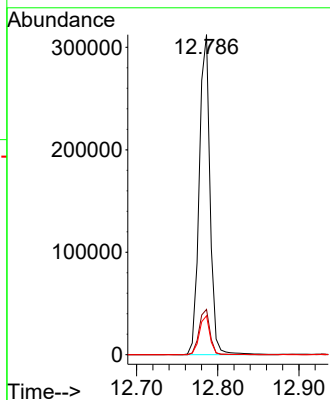
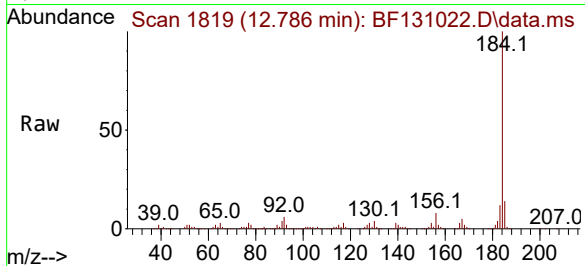




#77  
Benzidine  
Concen: 52.575 ng  
RT: 12.786 min Scan# 1819  
Delta R.T. 0.006 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

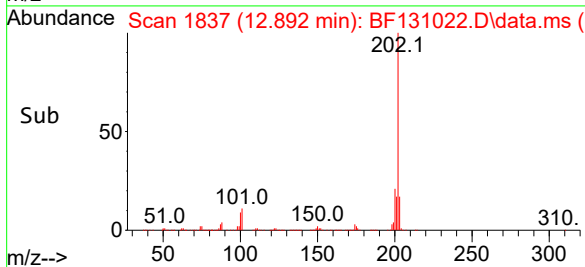
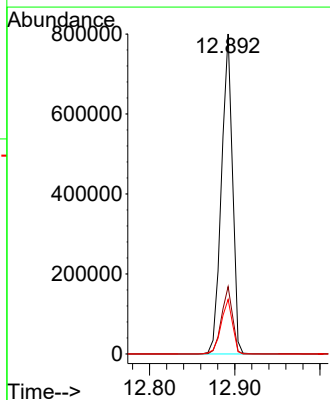
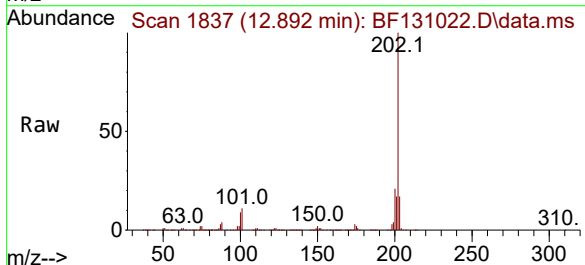
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

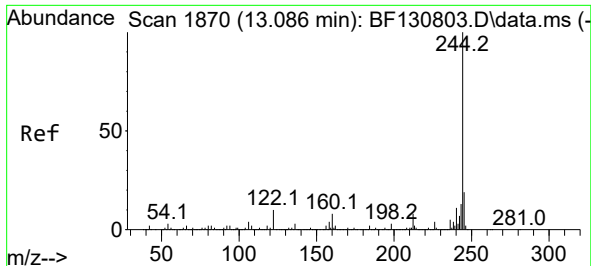
Tgt Ion:184 Resp: 288805  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.8 17.8  
183 12.2 9.7 14.5



#78  
Pyrene  
Concen: 37.635 ng  
RT: 12.892 min Scan# 1837  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:202 Resp: 718519  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.2 25.8  
203 17.1 14.5 21.7

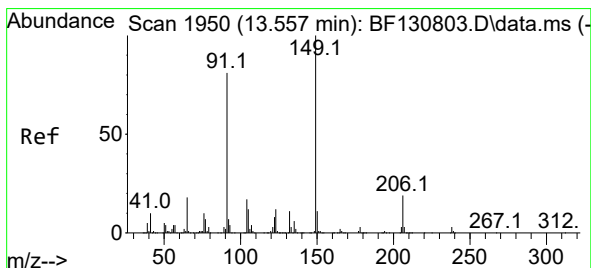
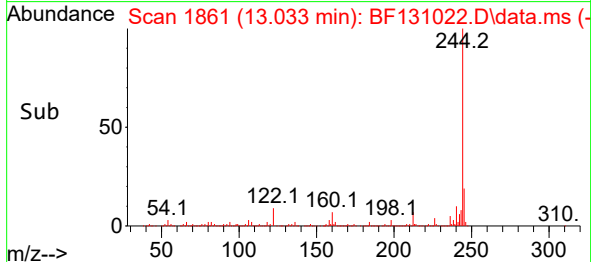
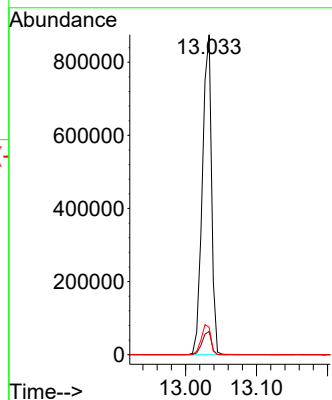
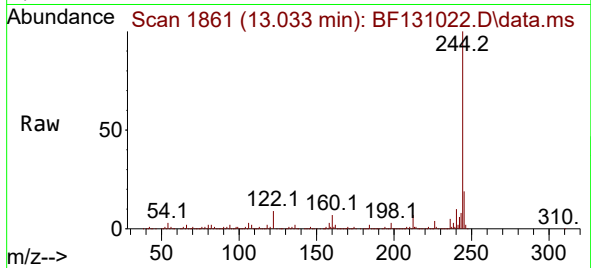




#79  
 Terphenyl-d14  
 Concen: 63.703 ng  
 RT: 13.033 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF131022.D  
 Acq: 05 Nov 2022 16:31

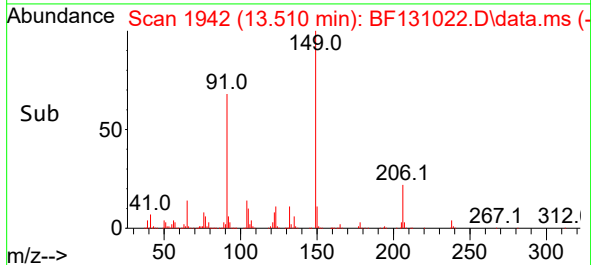
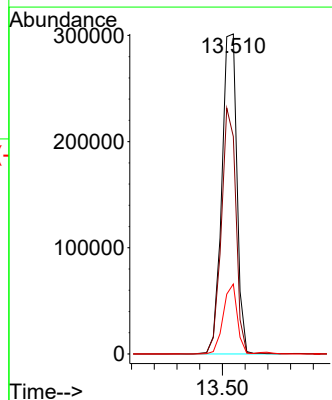
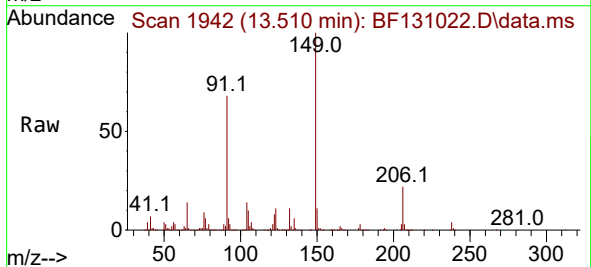
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2MSD

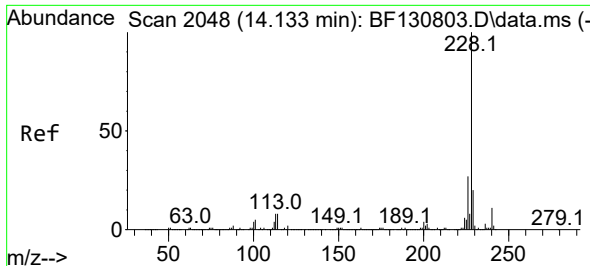
Tgt Ion:244 Resp: 786669  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.2 9.2  
 122 8.6 7.9 11.9



#80  
 Butylbenzylphthalate  
 Concen: 40.660 ng  
 RT: 13.510 min Scan# 1942  
 Delta R.T. 0.006 min  
 Lab File: BF131022.D  
 Acq: 05 Nov 2022 16:31

Tgt Ion:149 Resp: 279281  
 Ion Ratio Lower Upper  
 149 100  
 91 68.0 64.5 96.7  
 206 21.8 15.3 22.9

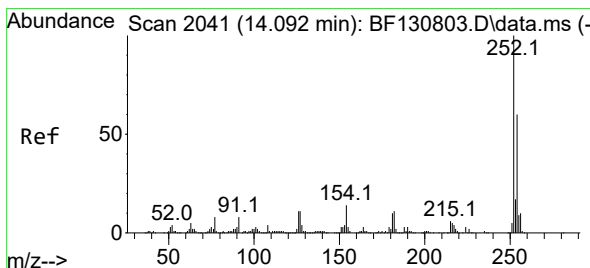
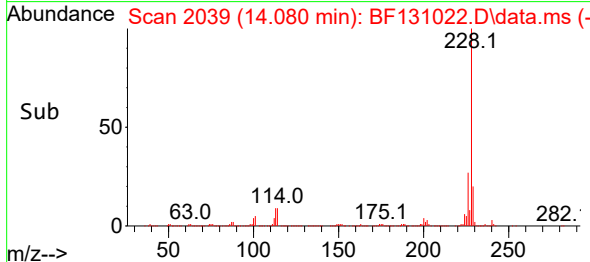
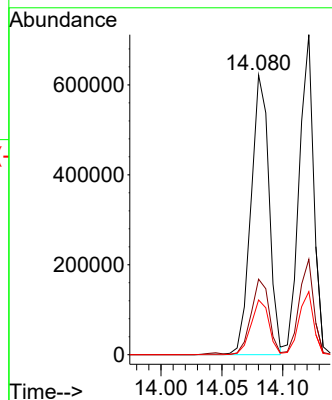
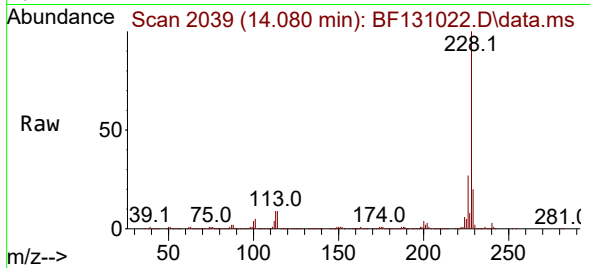




#81  
Benzo(a)anthracene  
Concen: 42.805 ng  
RT: 14.080 min Scan# 2048  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

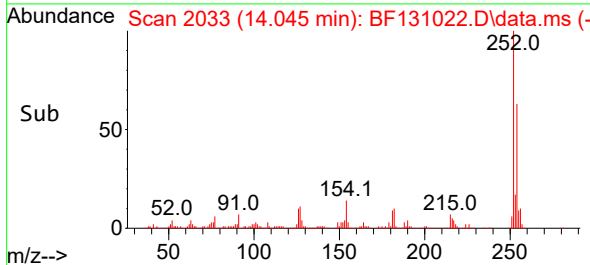
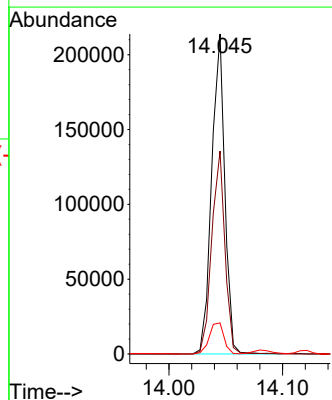
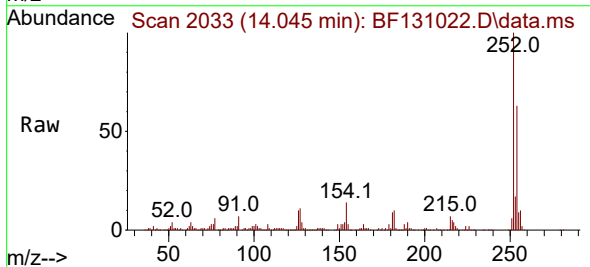
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

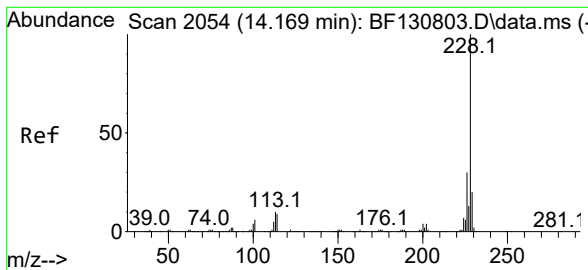
Tgt Ion:228 Resp: 642209  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.4 32.2  
229 19.6 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 42.242 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:252 Resp: 171048  
Ion Ratio Lower Upper  
252 100  
254 63.4 47.8 71.6  
126 9.7 9.0 13.6





#83

Chrysene

Concen: 41.140 ng

RT: 14.121 min Scan# 2046

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA\_F

ClientSampleId :

SB-2MSD

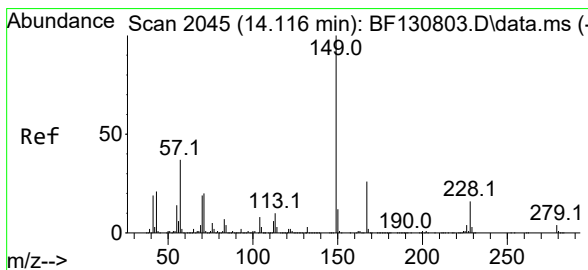
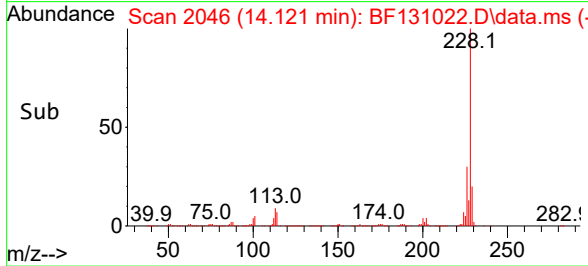
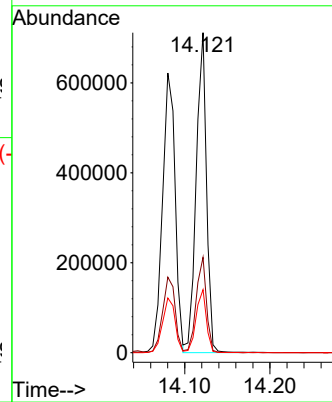
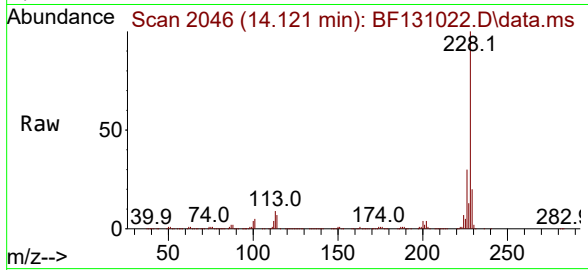
Tgt Ion:228 Resp: 595361

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.992 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

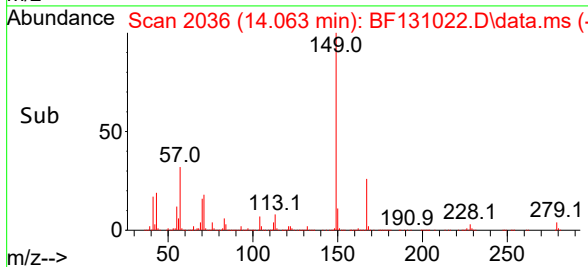
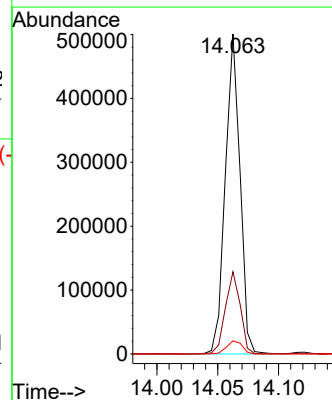
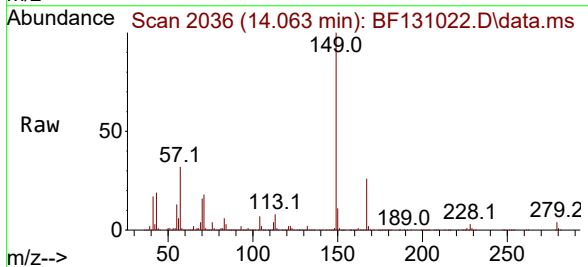
Tgt Ion:149 Resp: 421120

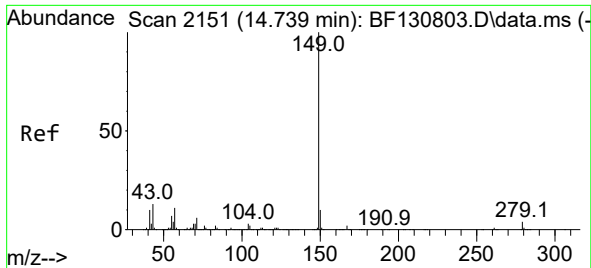
Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

279 4.1 3.0 4.6

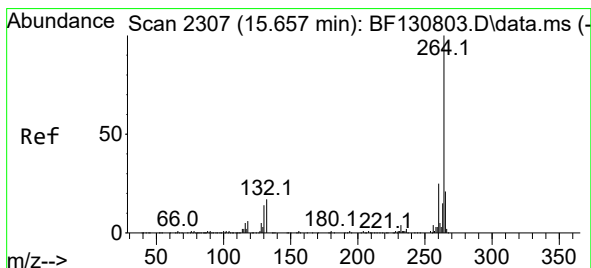
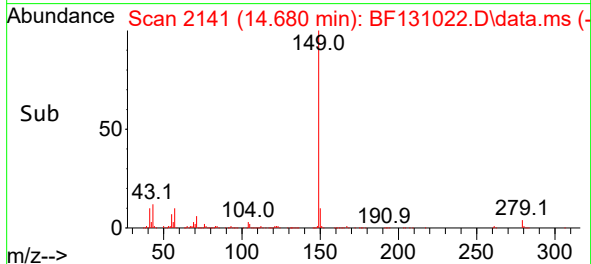
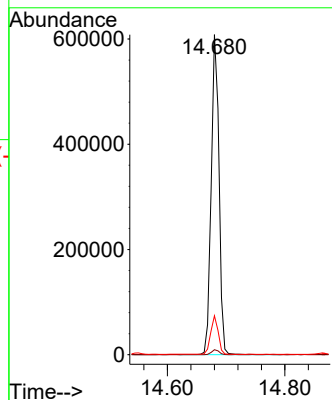
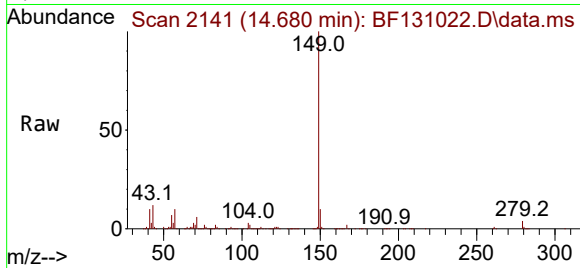




#85  
Di-n-octyl phthalate  
Concen: 48.953 ng  
RT: 14.680 min Scan# 2151  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

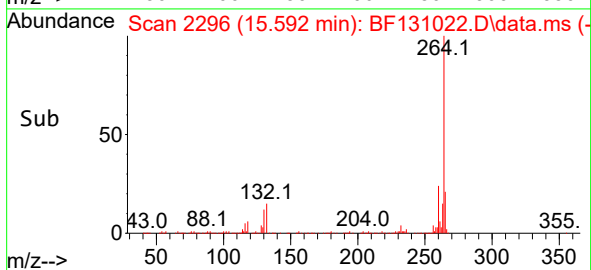
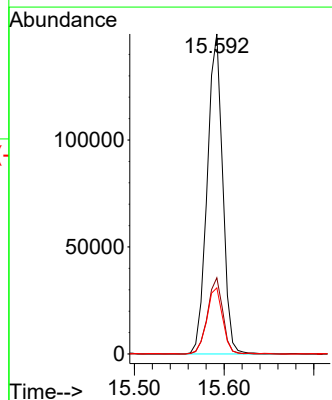
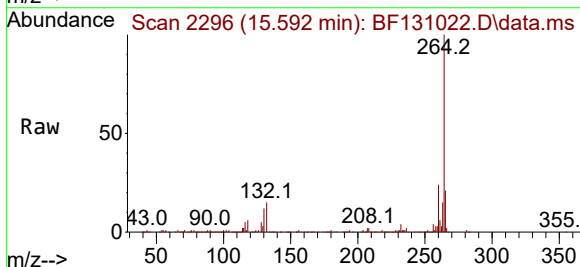
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

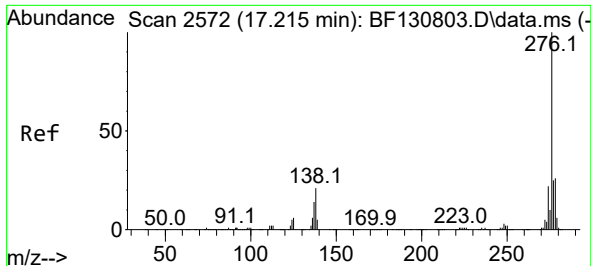
Tgt Ion:149 Resp: 557964  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 11.7 10.2 15.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.592 min Scan# 2296  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:264 Resp: 178747  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.9 29.9  
265 20.7 17.0 25.6

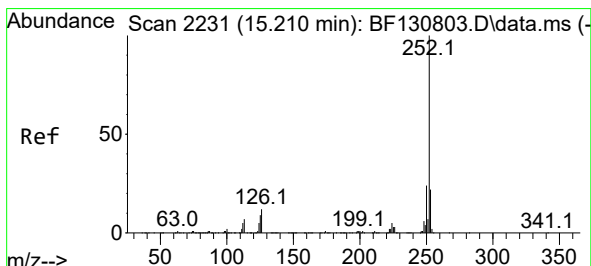
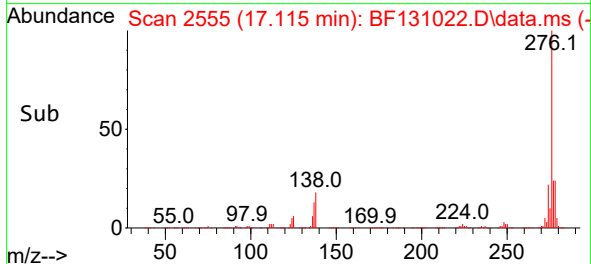
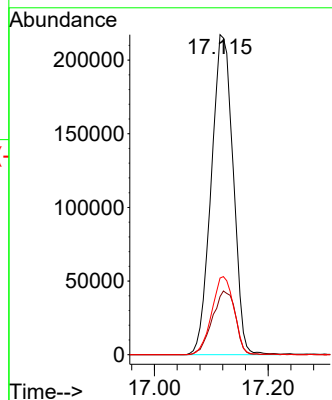
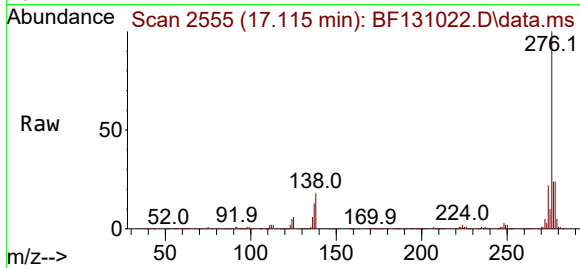




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.898 ng  
 RT: 17.115 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF131022.D  
 Acq: 05 Nov 2022 16:31

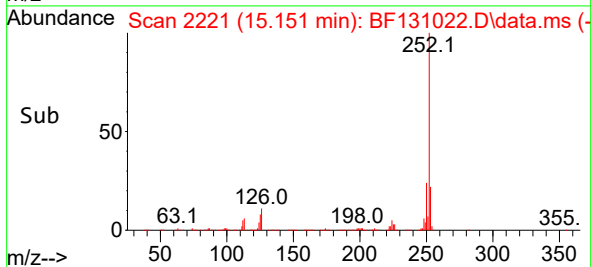
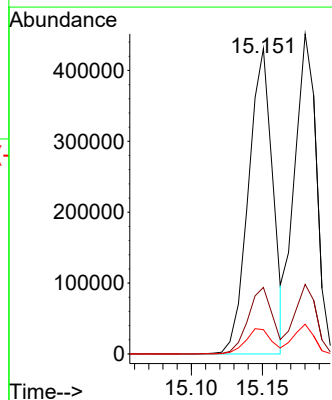
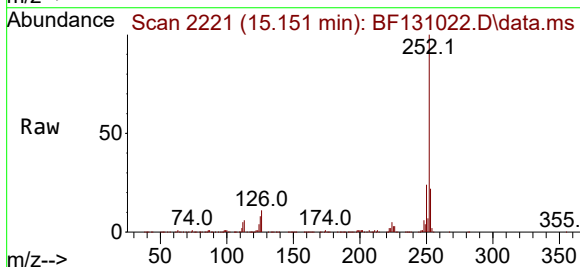
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2MSD

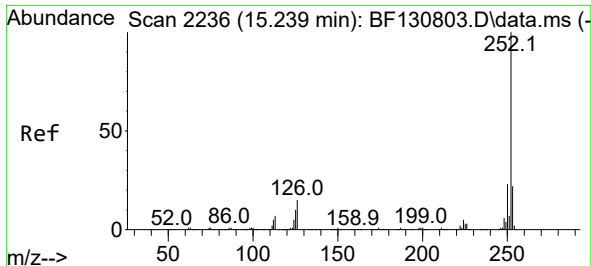
Tgt Ion:276 Resp: 580432  
 Ion Ratio Lower Upper  
 276 100  
 138 21.1 19.1 28.7  
 277 24.8 20.1 30.1



#88  
 Benzo(b)fluoranthene  
 Concen: 44.334 ng  
 RT: 15.151 min Scan# 2221  
 Delta R.T. 0.000 min  
 Lab File: BF131022.D  
 Acq: 05 Nov 2022 16:31

Tgt Ion:252 Resp: 512268  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 17.5 26.3  
 125 8.0 7.0 10.4

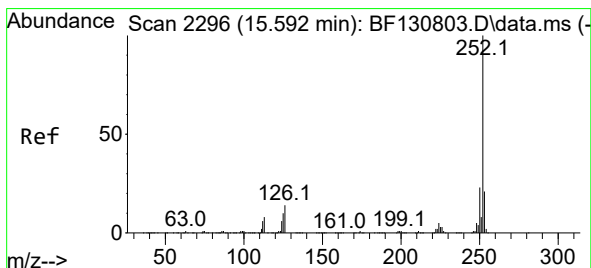
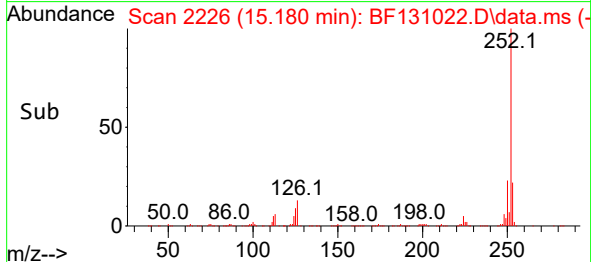
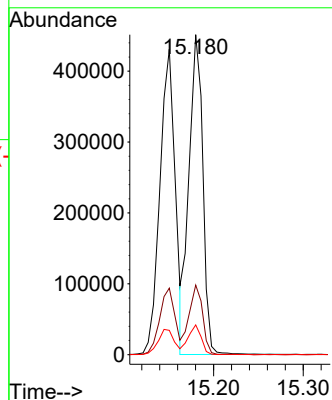
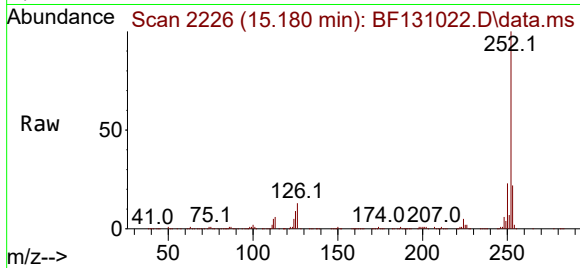




#89  
Benzo(k)fluoranthene  
Concen: 43.130 ng  
RT: 15.180 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

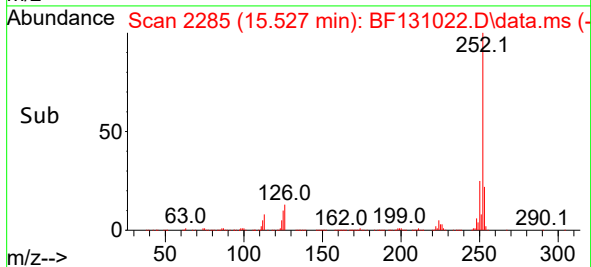
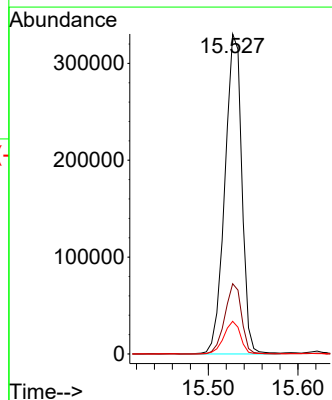
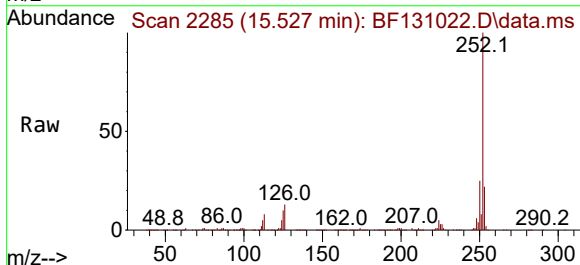
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2MSD

Tgt Ion:252 Resp: 485615  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.5 26.3  
125 9.3 8.0 12.0

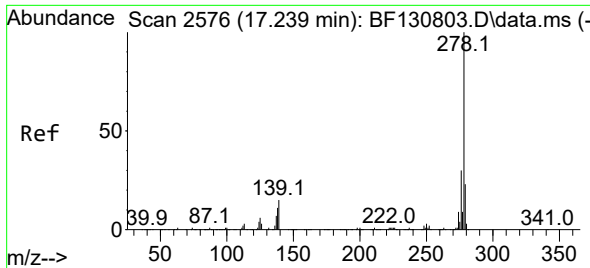


#90  
Benzo(a)pyrene  
Concen: 46.772 ng  
RT: 15.527 min Scan# 2285  
Delta R.T. 0.000 min  
Lab File: BF131022.D  
Acq: 05 Nov 2022 16:31

Tgt Ion:252 Resp: 434446  
Ion Ratio Lower Upper  
252 100  
253 22.0 16.8 25.2  
125 10.2 8.3 12.5



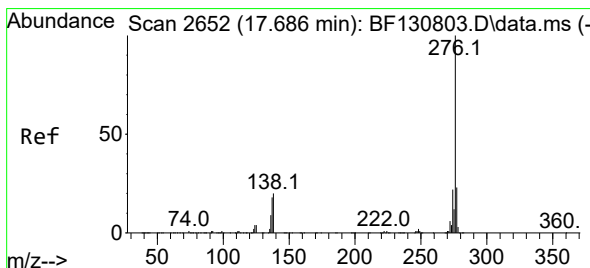
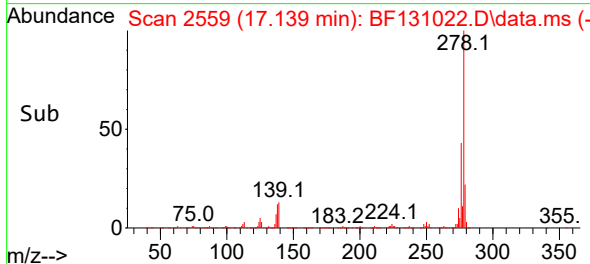
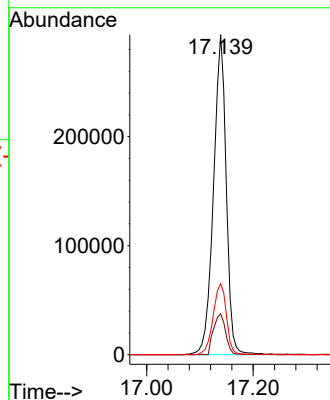
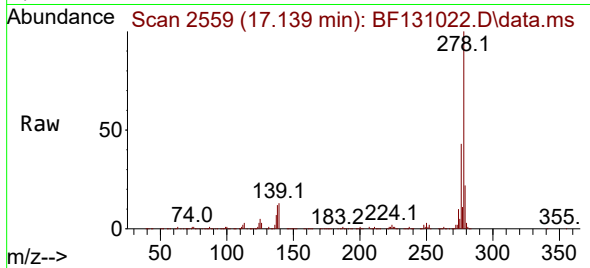




#91  
 Dibenzo(a,h)anthracene  
 Concen: 50.361 ng  
 RT: 17.139 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF131022.D  
 Acq: 05 Nov 2022 16:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2MSD

Tgt Ion:278 Resp: 487323  
 Ion Ratio Lower Upper  
 278 100  
 139 12.8 11.9 17.9  
 279 22.2 18.6 28.0



#92  
 Benzo(g,h,i)perylene  
 Concen: 50.416 ng  
 RT: 17.586 min Scan# 2635  
 Delta R.T. 0.006 min  
 Lab File: BF131022.D  
 Acq: 05 Nov 2022 16:31

Tgt Ion:276 Resp: 497710  
 Ion Ratio Lower Upper  
 276 100  
 277 23.4 18.8 28.2  
 138 18.5 16.3 24.5

