

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031623\  
 Data File : BF132820.D  
 Acq On : 16 Mar 2023 19:02  
 Operator : CG\JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF031623

Quant Time: Mar 17 03:38:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 03:35:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.963  | 152  | 206197   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.245  | 136  | 746892   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.004 | 164  | 399199   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.498 | 188  | 743074   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.151 | 240  | 496765   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.674 | 264  | 416878   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.587  | 112  | 948714   | 77.637 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.598  | 99   | 1218245  | 76.808 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.534  | 82   | 1129392  | 77.383 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.798 | 330  | 325819   | 76.778 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.322  | 172  | 1789615  | 73.642 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.086 | 244  | 2045737  | 74.361 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.793  | 88   | 258721   | 37.566 | ng    | 99       |
| 3) Pyridine                   | 3.575  | 79   | 713063   | 42.072 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.546  | 42   | 254199   | 40.399 | ng    | 99       |
| 6) Aniline                    | 6.628  | 93   | 771771   | 42.360 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.751  | 128  | 517800   | 39.710 | ng    | 99       |
| 9) Benzaldehyde               | 6.516  | 77   | 225763   | 34.589 | ng    | 97       |
| 10) Phenol                    | 6.610  | 94   | 724070   | 40.185 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.698  | 93   | 649221   | 38.960 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.904  | 146  | 554647   | 39.246 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.981  | 146  | 551989   | 39.133 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.134  | 146  | 496710   | 38.593 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.104  | 79   | 402622   | 43.889 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234  | 45   | 647342   | 39.926 | ng    | 99       |
| 17) 2-Methylphenol            | 7.216  | 107  | 470772   | 39.728 | ng    | 99       |
| 18) Hexachloroethane          | 7.475  | 117  | 214321   | 39.705 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.375  | 70   | 338027   | 37.352 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.369  | 107  | 518863   | 36.365 | ng    | 97       |
| 22) Acetophenone              | 7.375  | 105  | 647846   | 36.328 | ng    | 99       |
| 24) Nitrobenzene              | 7.551  | 77   | 609276   | 38.613 | ng    | 100      |
| 25) Isophorone                | 7.787  | 82   | 1117204  | 38.939 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.863  | 139  | 297320   | 40.453 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.898  | 122  | 446574   | 39.218 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.987  | 93   | 678657   | 39.381 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.110  | 162  | 465489   | 39.485 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.187  | 180  | 486237   | 38.561 | ng    | 99       |
| 31) Naphthalene               | 8.269  | 128  | 1428215  | 38.117 | ng    | 99       |
| 32) Benzoic acid              | 8.028  | 122  | 249617   | 38.209 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.322  | 127  | 457017   | 27.977 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.375  | 225  | 307740   | 38.466 | ng    | 99       |
| 35) Caprolactam               | 8.698  | 113  | 130421   | 36.084 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.804  | 107  | 484386   | 40.399 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.957  | 142  | 965334   | 38.417 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.057  | 142  | 914667   | 38.661 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.128  | 216  | 516238   | 39.421 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.110  | 237  | 226229   | 38.262 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.239  | 196  | 338624   | 39.713 | ng    | 99       |

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 Sample : SSTDICV040  
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 ALS Vial : 11 Sample Multiplier: 1

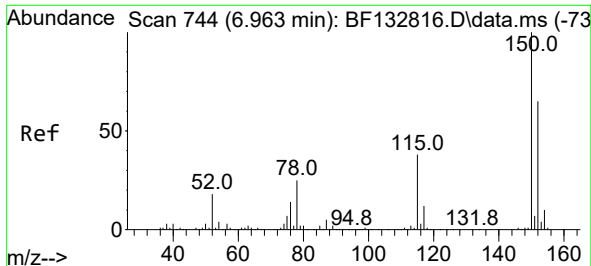
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF031623

Quant Time: Mar 17 03:38:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 03:35:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.292  | 196  | 402630   | 40.557 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.422  | 154  | 1126635  | 38.042 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.451  | 162  | 907855   | 38.714 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.551  | 65   | 307578   | 39.939 | ng    | 99       |
| 49) Acenaphthylene            | 9.869  | 152  | 1421733  | 39.452 | ng    | 100      |
| 50) Dimethylphthalate         | 9.722  | 163  | 1124071  | 39.274 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.792  | 165  | 253777   | 40.100 | ng    | 99       |
| 52) Acenaphthene              | 10.039 | 154  | 822851   | 37.933 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.969  | 138  | 287283   | 40.608 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 10.075 | 184  | 111684   | 36.198 | ng    | 100      |
| 55) Dibenzofuran              | 10.216 | 168  | 1294900  | 38.834 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.134 | 139  | 186143   | 44.132 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.198 | 165  | 326679   | 40.410 | ng    | 98       |
| 58) Fluorene                  | 10.557 | 166  | 999369   | 37.690 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.334 | 232  | 291242   | 40.479 | ng    | 99       |
| 60) Diethylphthalate          | 10.422 | 149  | 1060424  | 39.096 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.545 | 204  | 530398   | 38.107 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.586 | 138  | 234478   | 37.905 | ng    | 90       |
| 63) Azobenzene                | 10.704 | 77   | 1077462  | 38.855 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.610 | 198  | 195840   | 43.002 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.663 | 169  | 876659   | 38.174 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248  | 338111   | 39.357 | ng    | 100      |
| 68) Hexachlorobenzene         | 11.104 | 284  | 355585   | 39.085 | ng    | 97       |
| 69) Atrazine                  | 11.192 | 200  | 274616   | 41.524 | ng    | 96       |
| 70) Pentachlorophenol         | 11.304 | 266  | 166296   | 43.081 | ng    | 98       |
| 71) Phenanthrene              | 11.522 | 178  | 1425151  | 38.103 | ng    | 100      |
| 72) Anthracene                | 11.575 | 178  | 1491205  | 38.920 | ng    | 100      |
| 73) Carbazole                 | 11.733 | 167  | 1325546  | 38.532 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.045 | 149  | 1596270  | 38.948 | ng    | 99       |
| 75) Fluoranthene              | 12.716 | 202  | 1586840  | 38.985 | ng    | 99       |
| 77) Benzidine                 | 12.863 | 184  | 118117   | 38.180 | ng    | 96       |
| 78) Pyrene                    | 12.951 | 202  | 1614011  | 39.093 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.551 | 149  | 677544   | 40.114 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.139 | 228  | 1416148  | 39.384 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.098 | 252  | 352800   | 37.798 | ng    | 99       |
| 83) Chrysene                  | 14.180 | 228  | 1321241  | 38.885 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.104 | 149  | 847185   | 39.888 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.727 | 149  | 1328183  | 39.918 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.251 | 276  | 1081032  | 41.368 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.221 | 252  | 1121938  | 41.259 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.257 | 252  | 1065281  | 40.087 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.616 | 252  | 1023828  | 40.387 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.262 | 278  | 888094   | 41.644 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.733 | 276  | 937744   | 42.084 | ng    | 98       |

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

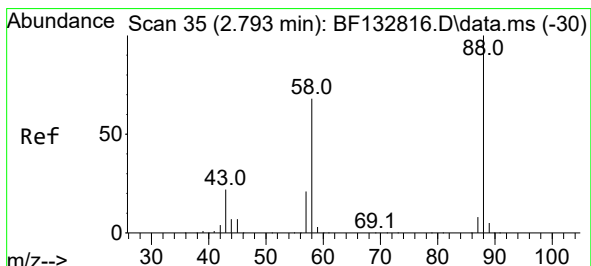
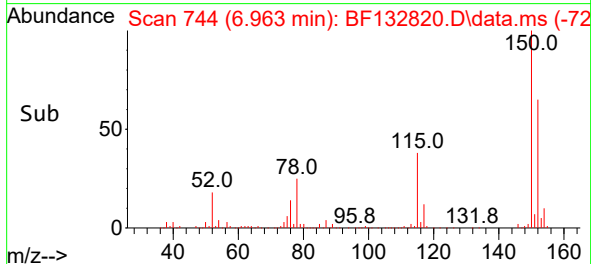
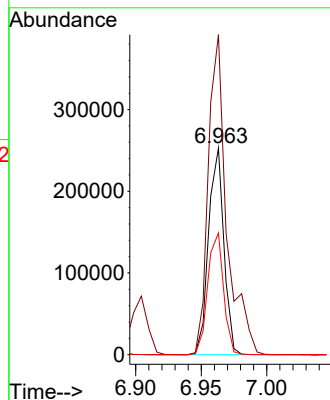
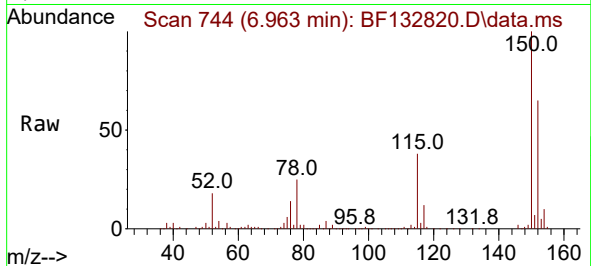




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.963 min Scan# 74  
 Delta R.T. 0.000 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

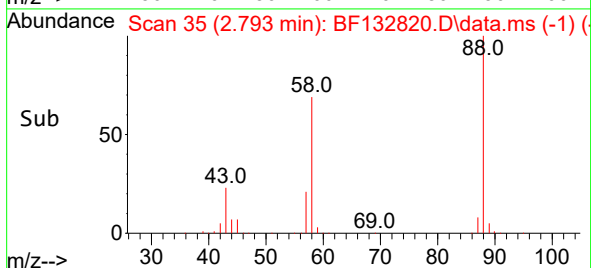
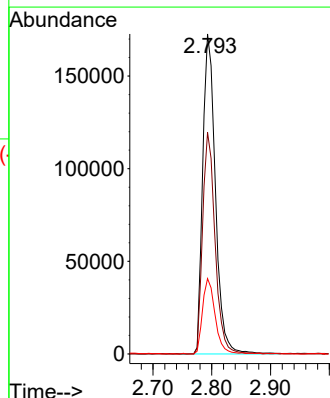
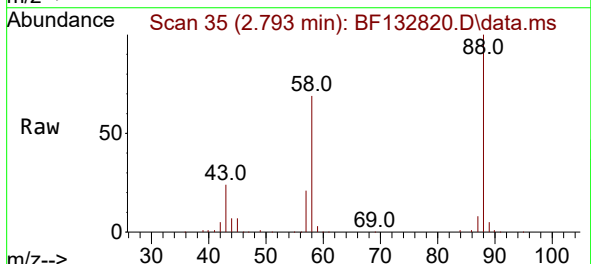
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 ICVBF031623

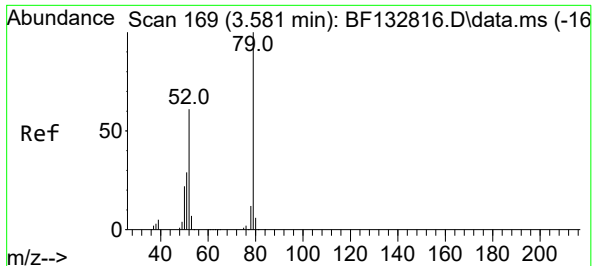
Tgt Ion:152 Resp: 206197  
 Ion Ratio Lower Upper  
 152 100  
 150 154.8 122.7 184.1  
 115 58.9 46.2 69.4



#2  
 1,4-Dioxane  
 Concen: 37.566 ng  
 RT: 2.793 min Scan# 35  
 Delta R.T. 0.000 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

Tgt Ion: 88 Resp: 258721  
 Ion Ratio Lower Upper  
 88 100  
 58 67.9 53.8 80.8  
 43 23.6 18.2 27.4

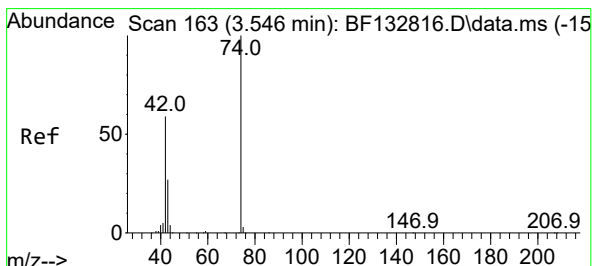
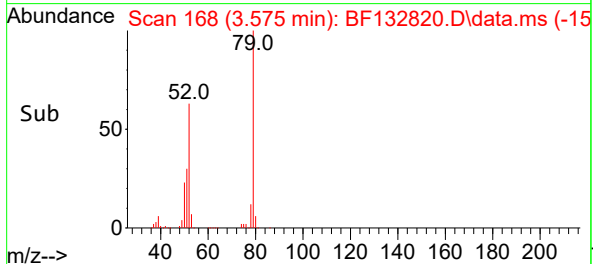
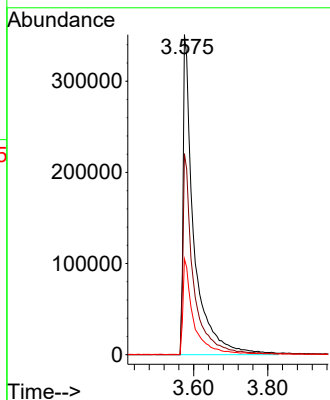
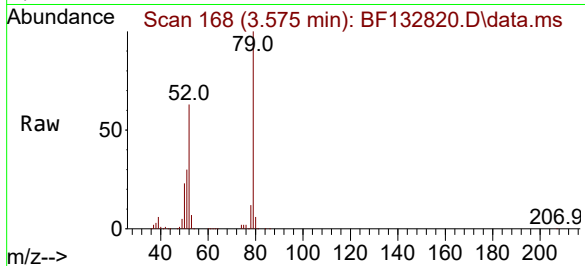




#3  
Pyridine  
Concen: 42.072 ng  
RT: 3.575 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

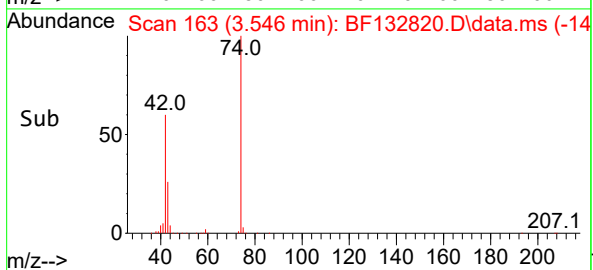
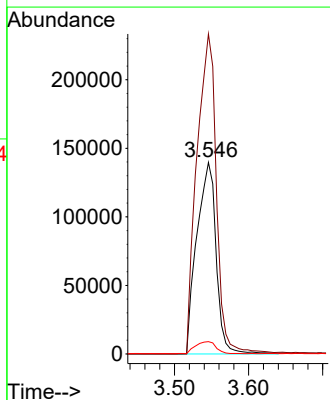
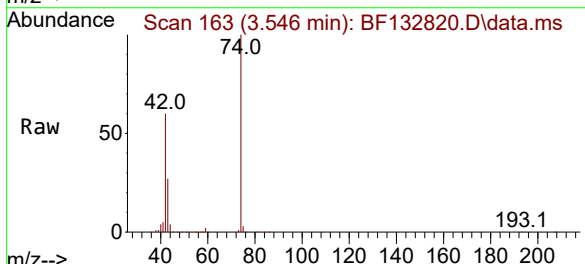
Instrument :  
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ICVBF031623

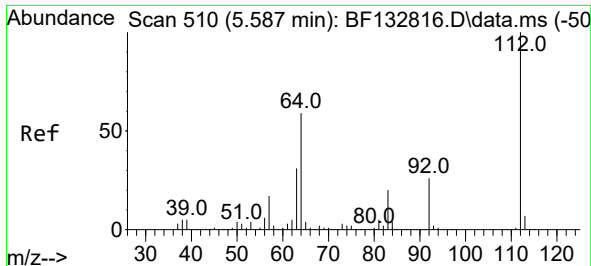
Tgt Ion: 79 Resp: 713063  
Ion Ratio Lower Upper  
79 100  
52 62.8 48.5 72.7  
51 29.9 23.1 34.7



#4  
n-Nitrosodimethylamine  
Concen: 40.399 ng  
RT: 3.546 min Scan# 163  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion: 42 Resp: 254199  
Ion Ratio Lower Upper  
42 100  
74 167.1 135.2 202.8  
44 6.5 6.0 9.0

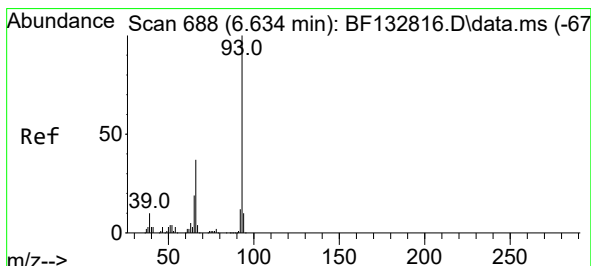
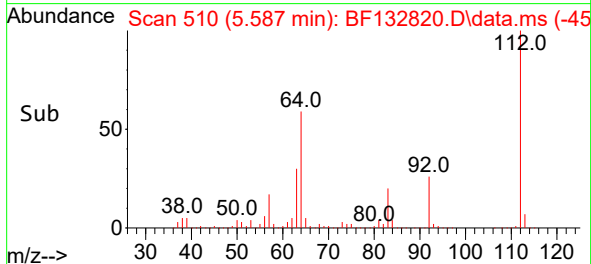
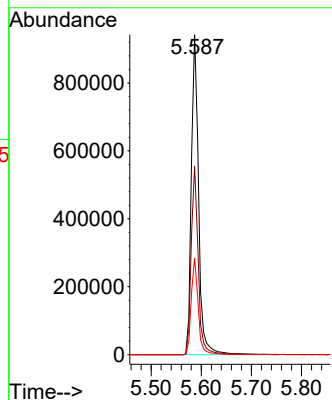
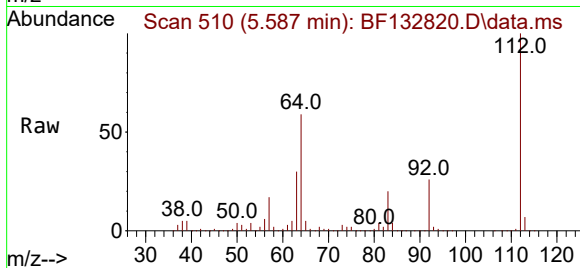




#5  
2-Fluorophenol  
Concen: 77.637 ng  
RT: 5.587 min Scan# 510  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

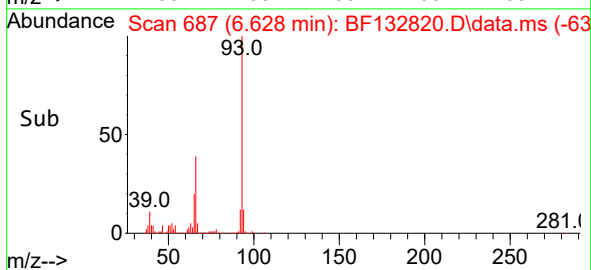
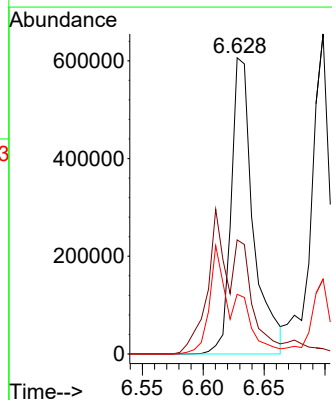
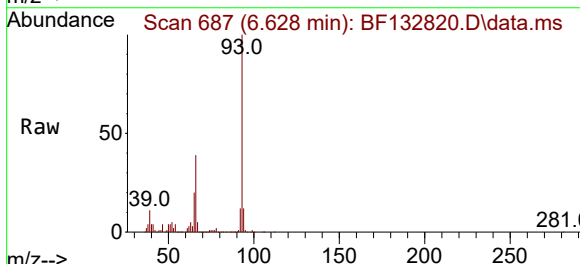
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BNA\_F  
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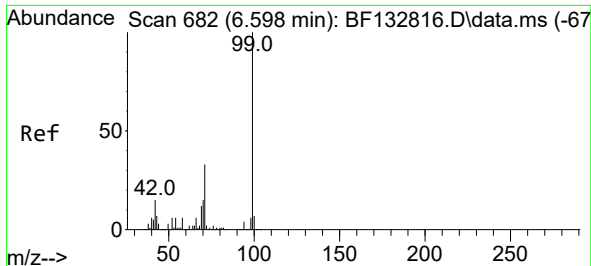
Tgt Ion:112 Resp: 948714  
Ion Ratio Lower Upper  
112 100  
64 58.8 47.1 70.7  
63 30.2 24.4 36.6



#6  
Aniline  
Concen: 42.360 ng  
RT: 6.628 min Scan# 687  
Delta R.T. -0.006 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

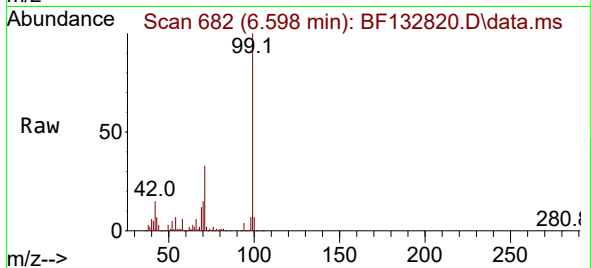
Tgt Ion: 93 Resp: 771771  
Ion Ratio Lower Upper  
93 100  
66 38.5 30.1 45.1  
65 20.2 15.0 22.6





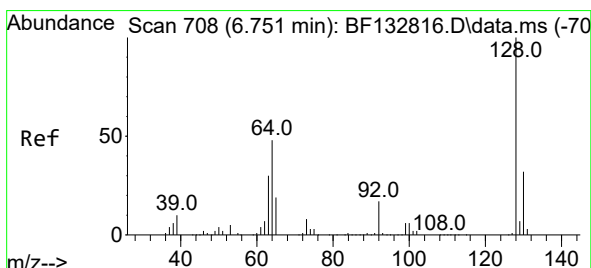
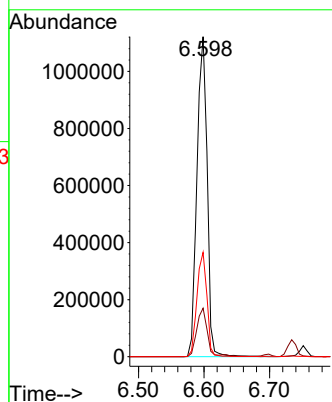
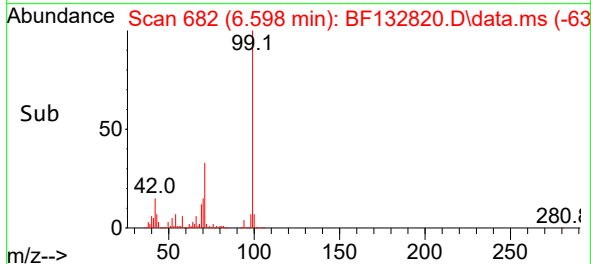
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Phenol-d6  
Concen: 76.808 ng  
RT: 6.598 min Scan# 682  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

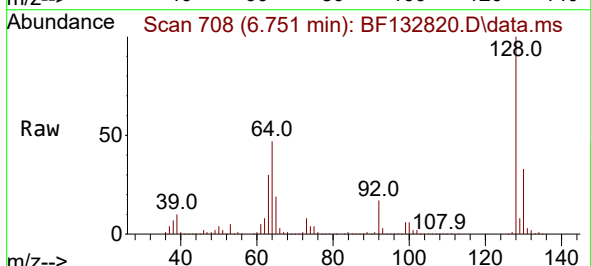


Tgt Ion: 99 Resp: 1218245

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.1  | 11.9  | 17.9  |
| 71  | 32.6  | 26.3  | 39.5  |

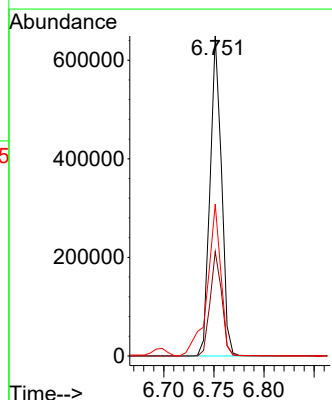
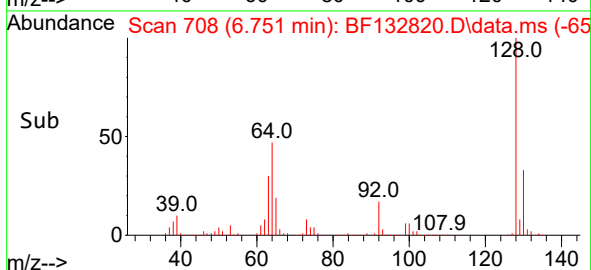


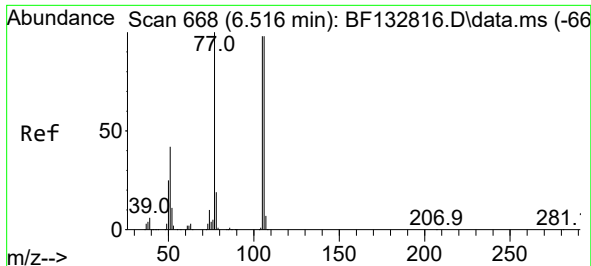
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2-Chlorophenol  
Concen: 39.710 ng  
RT: 6.751 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02



Tgt Ion: 128 Resp: 517800

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.6  | 12.4  | 52.4  |
| 64  | 47.4  | 28.4  | 68.4  |

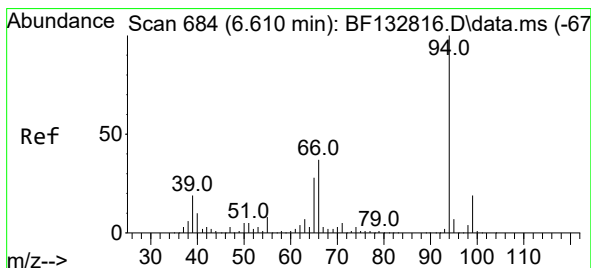
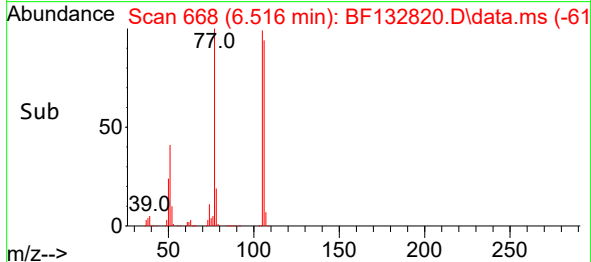
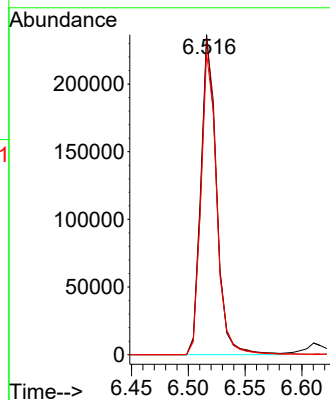
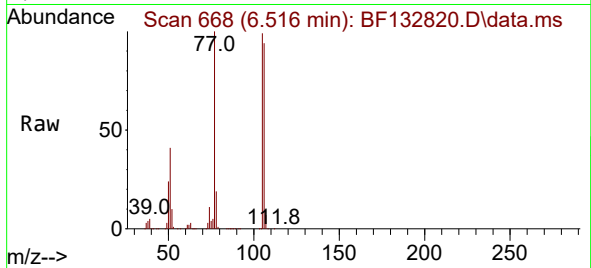




#9  
Benzaldehyde  
Concen: 34.589 ng  
RT: 6.516 min Scan# 608  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

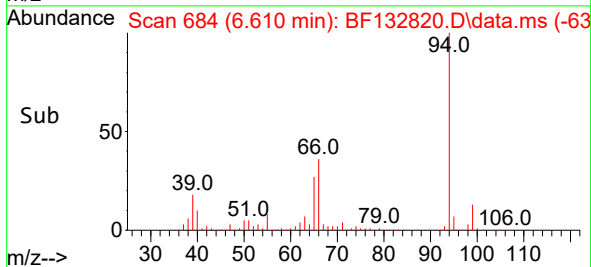
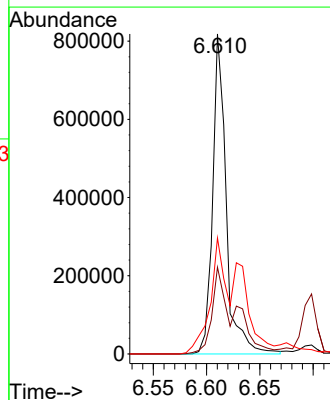
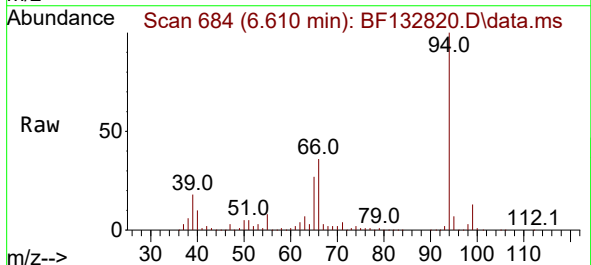
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

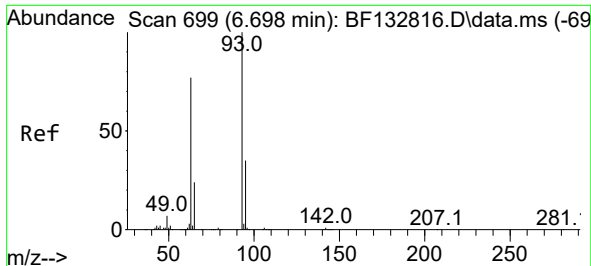
Tgt Ion: 77 Resp: 225763  
Ion Ratio Lower Upper  
77 100  
105 98.7 77.5 117.5  
106 94.3 78.5 118.5



#10  
Phenol  
Concen: 40.185 ng  
RT: 6.610 min Scan# 684  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion: 94 Resp: 724070  
Ion Ratio Lower Upper  
94 100  
65 27.1 7.7 47.7  
66 36.2 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 38.960 ng

RT: 6.698 min Scan# 699

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA\_F

ClientSampleId :

ICVBF031623

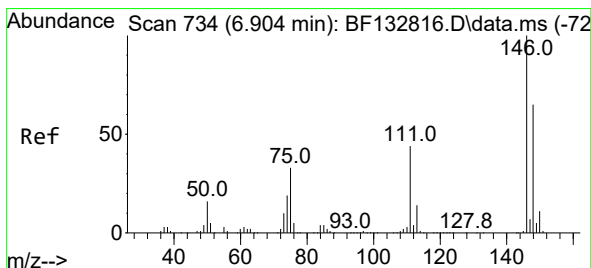
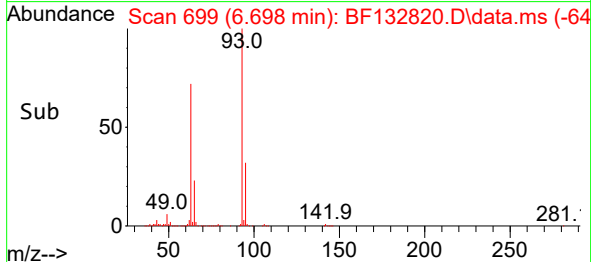
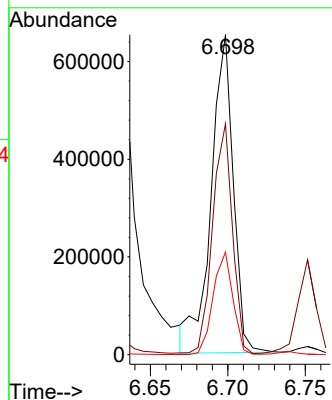
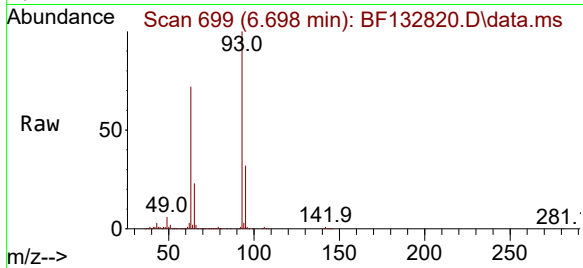
Tgt Ion: 93 Resp: 649221

Ion Ratio Lower Upper

93 100

63 72.1 50.5 90.5

95 32.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.246 ng

RT: 6.904 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

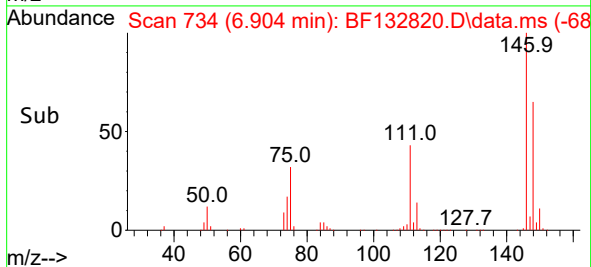
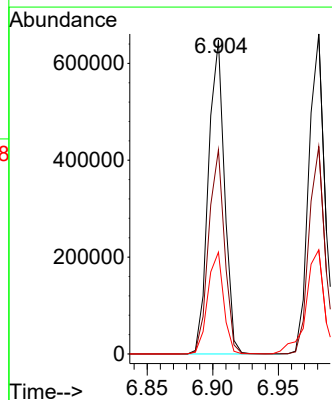
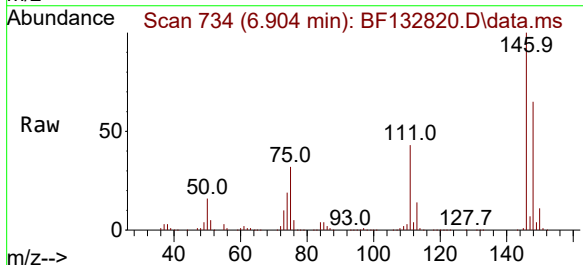
Tgt Ion:146 Resp: 554647

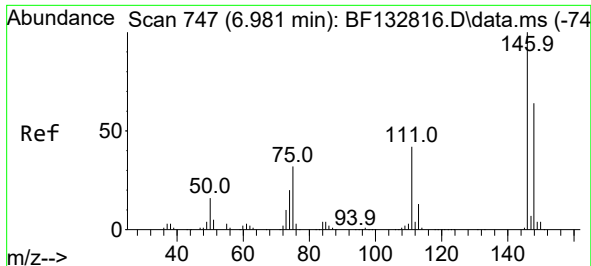
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

75 32.4 26.4 39.6

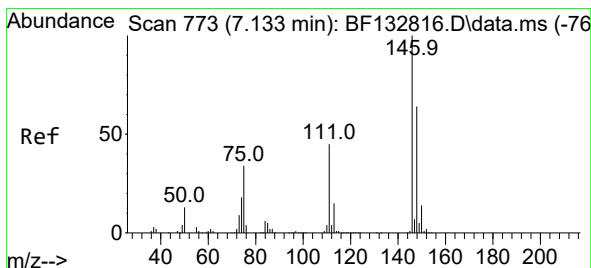
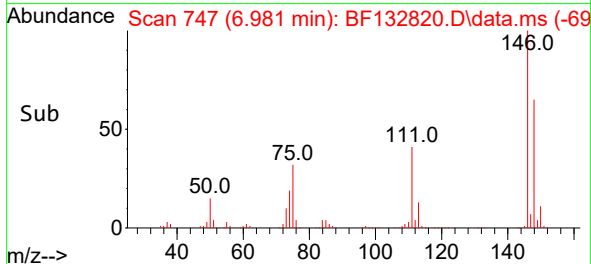
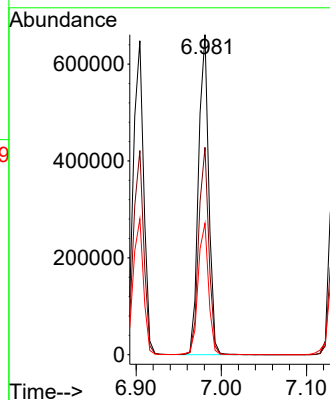
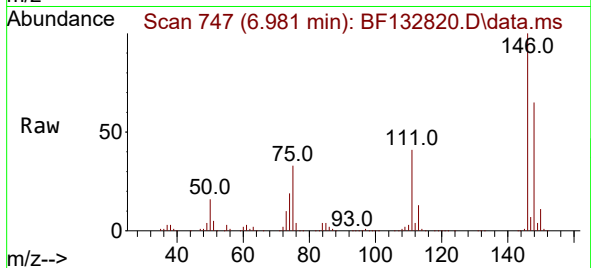




#13  
1,4-Dichlorobenzene  
Concen: 39.133 ng  
RT: 6.981 min Scan# 747  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

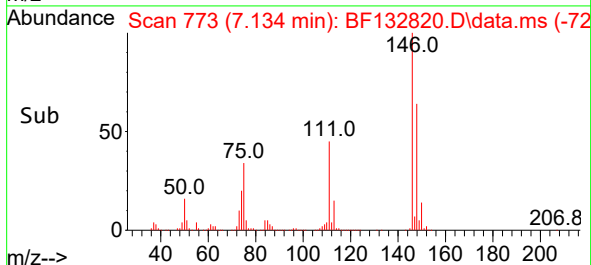
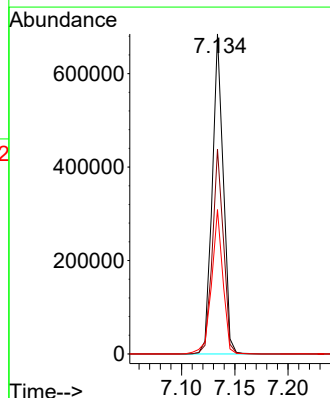
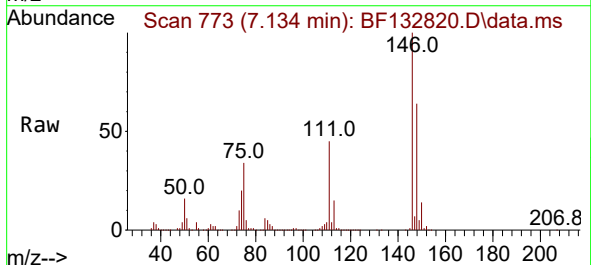
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

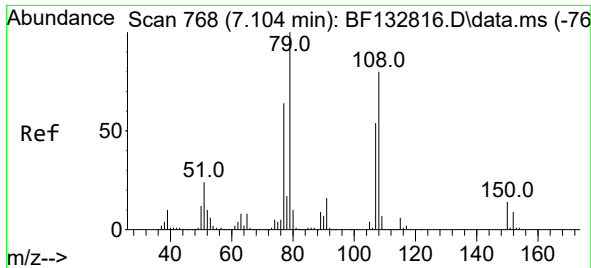
Tgt Ion:146 Resp: 551989  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.2 76.8  
111 41.1 33.8 50.6



#14  
1,2-Dichlorobenzene  
Concen: 38.593 ng  
RT: 7.134 min Scan# 773  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:146 Resp: 496710  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.9 76.3  
111 45.1 35.8 53.8

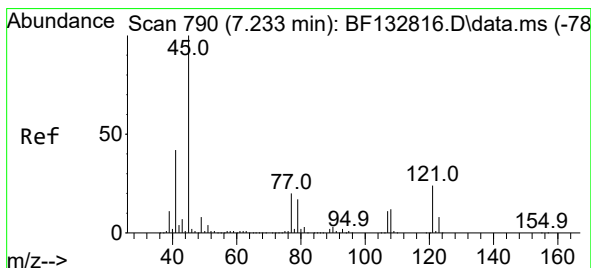
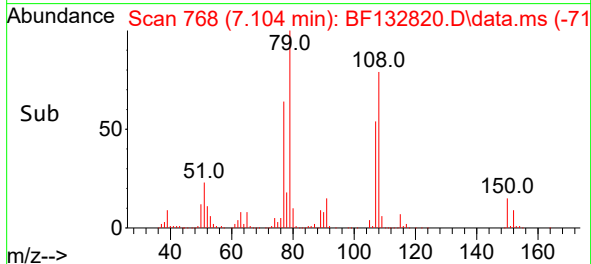
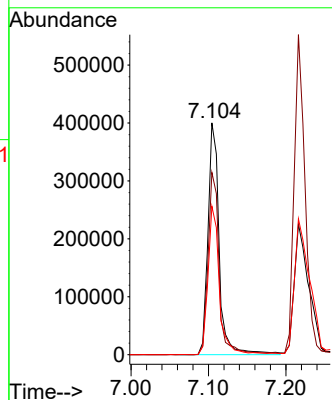
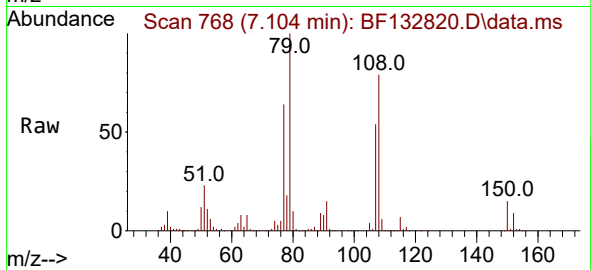




#15  
Benzyl Alcohol  
Concen: 43.889 ng  
RT: 7.104 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

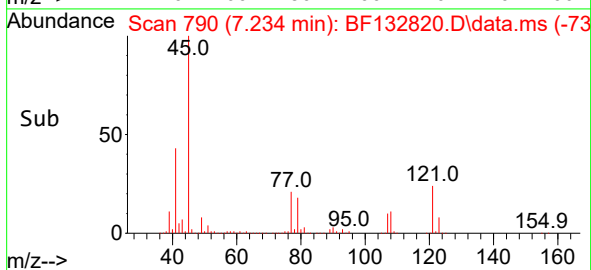
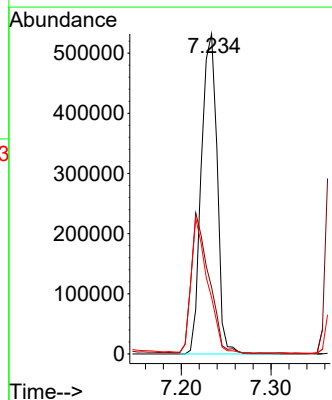
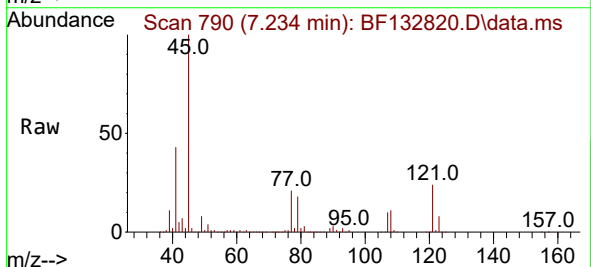
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

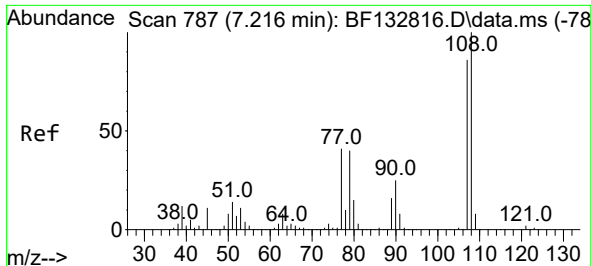
Tgt Ion: 79 Resp: 402622  
Ion Ratio Lower Upper  
79 100  
108 78.6 64.2 96.2  
77 64.0 51.4 77.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.926 ng  
RT: 7.234 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion: 45 Resp: 647342  
Ion Ratio Lower Upper  
45 100  
77 20.9 0.7 40.7  
79 17.7 0.0 37.2

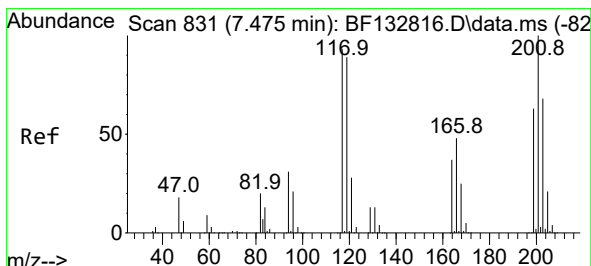
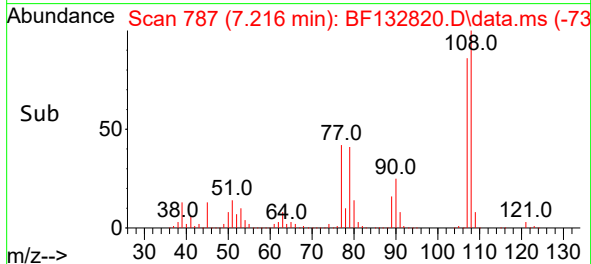
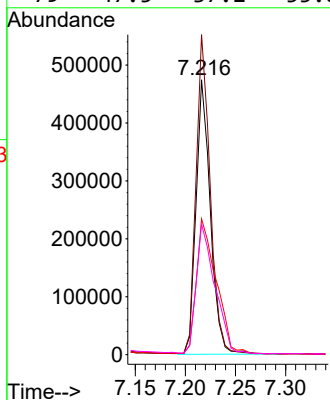
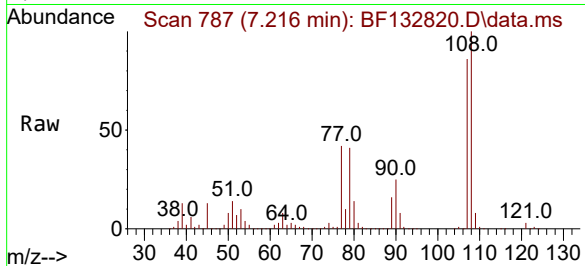




#17  
2-Methylphenol  
Concen: 39.728 ng  
RT: 7.216 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

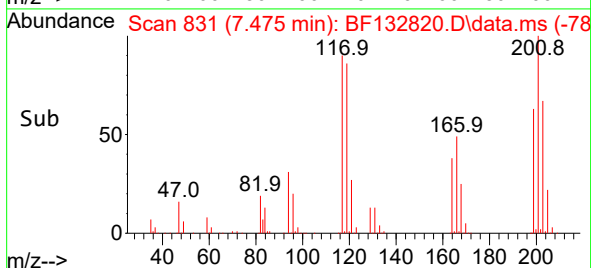
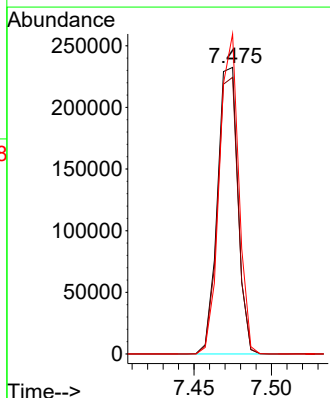
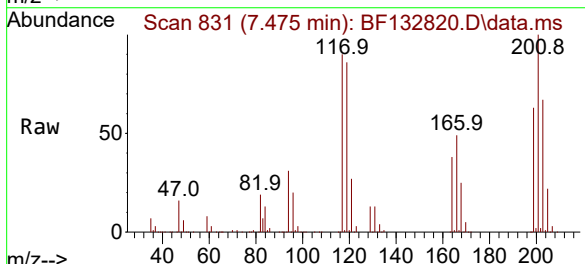
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

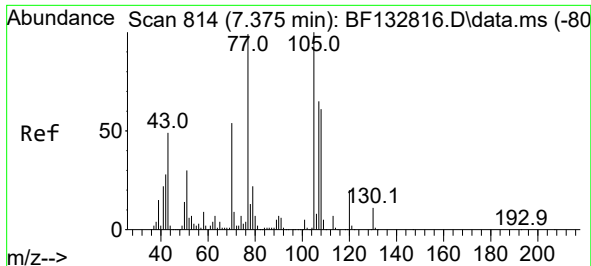
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 470772 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 116.4 | 92.6  | 139.0  |
| 77       | 49.4  | 38.6  | 57.8   |
| 79       | 47.5  | 37.2  | 55.8   |



#18  
Hexachloroethane  
Concen: 39.705 ng  
RT: 7.475 min Scan# 831  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 214321 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.6  | 77.3  | 115.9  |
| 201      | 111.7 | 86.4  | 129.6  |

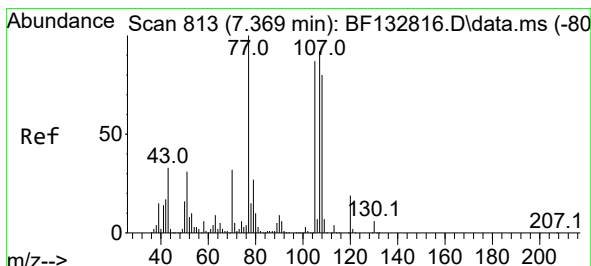
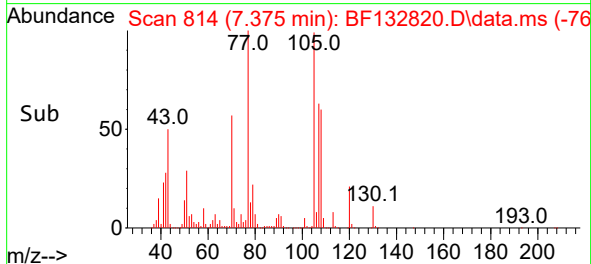
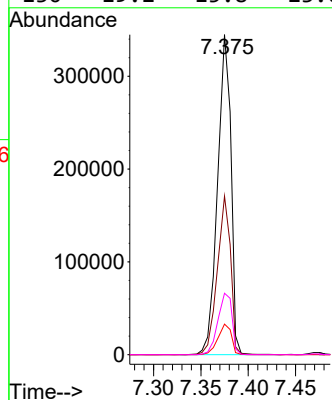
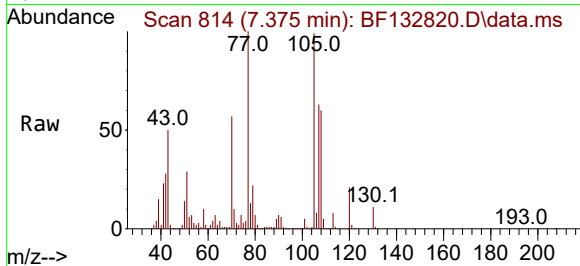




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.352 ng  
RT: 7.375 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

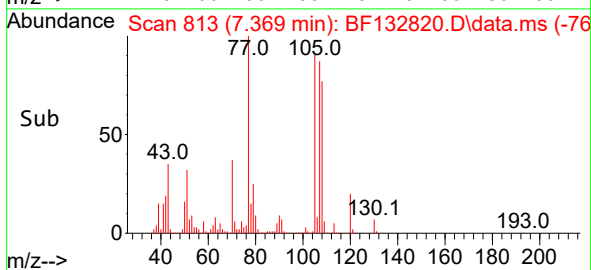
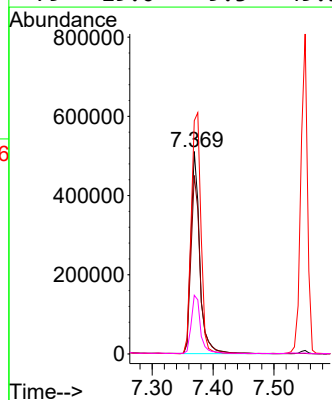
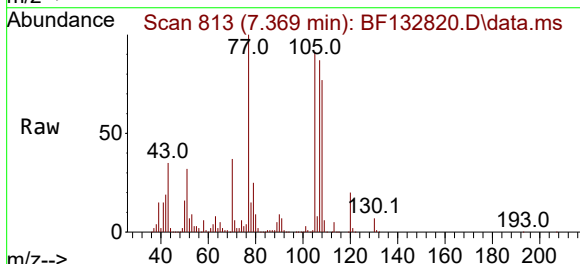
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

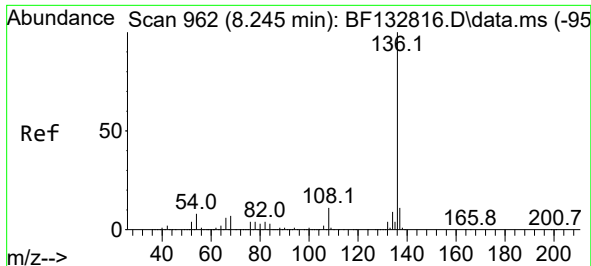
Tgt Ion: 70 Resp: 338027  
Ion Ratio Lower Upper  
70 100  
42 49.5 40.9 61.3  
101 9.5 7.8 11.6  
130 19.2 15.8 23.6



#20  
3+4-Methylphenols  
Concen: 36.365 ng  
RT: 7.369 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion: 107 Resp: 518863  
Ion Ratio Lower Upper  
107 100  
108 88.2 67.6 107.6  
77 115.2 89.1 129.1  
79 29.0 9.3 49.3

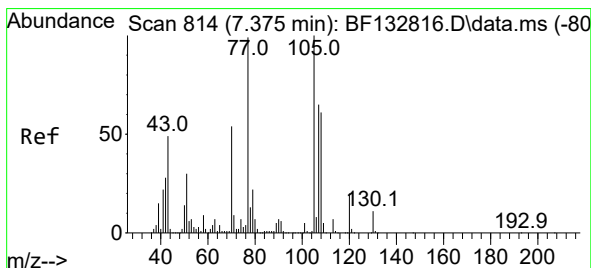
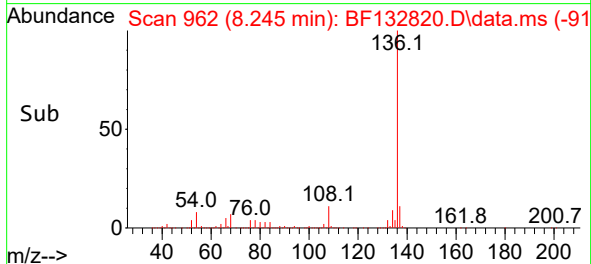
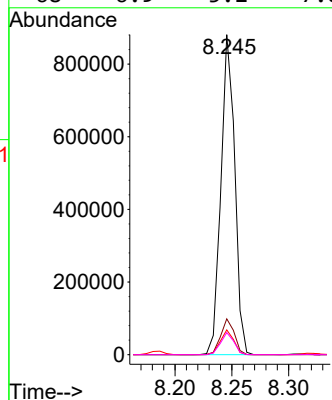
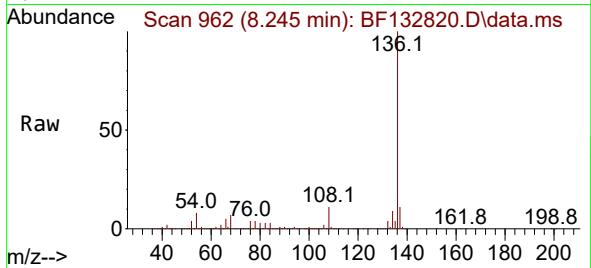




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.245 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

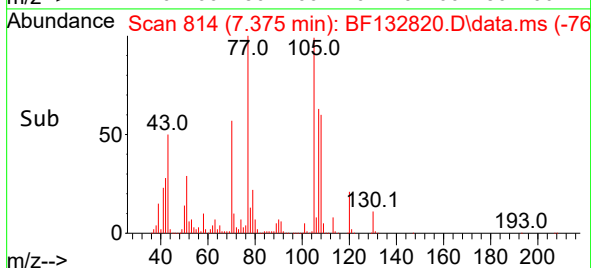
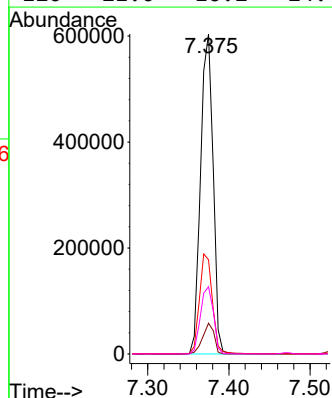
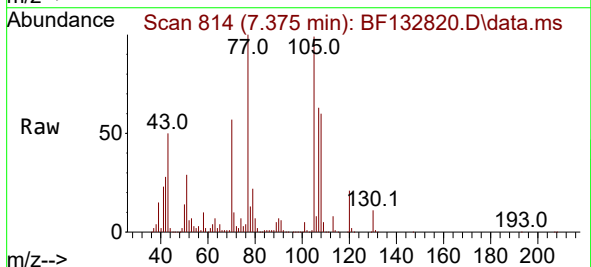
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

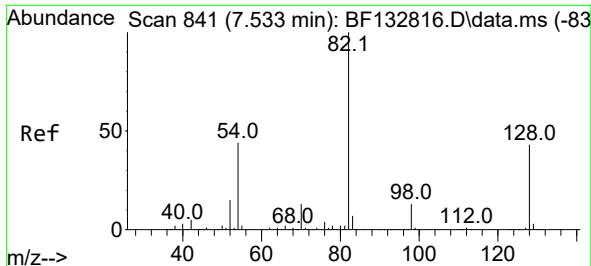
Tgt Ion:136 Resp: 746892  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.0 13.6  
54 7.8 6.1 9.1  
68 6.9 5.2 7.8



#22  
Acetophenone  
Concen: 36.328 ng  
RT: 7.375 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:105 Resp: 647846  
Ion Ratio Lower Upper  
105 100  
71 9.6 7.3 10.9  
51 29.5 23.9 35.9  
120 21.0 16.2 24.4





#23

Nitrobenzene-d5

Concen: 77.383 ng

RT: 7.534 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

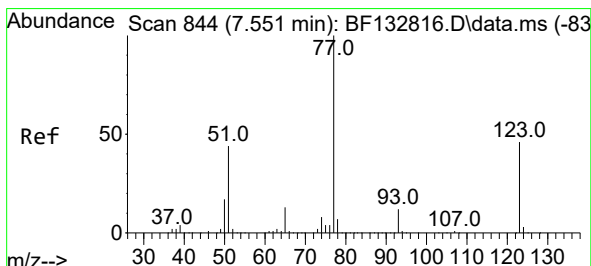
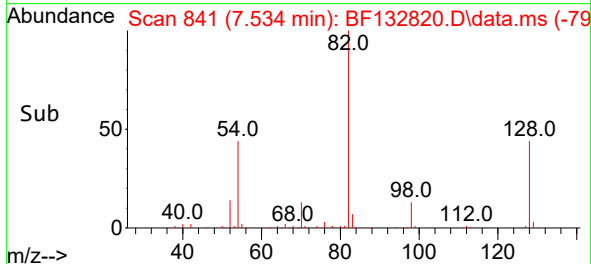
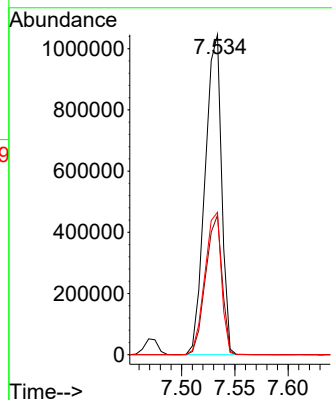
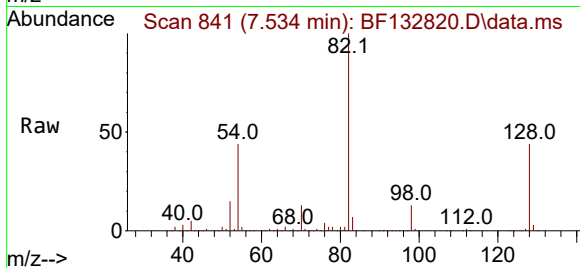
BNA\_F

ClientSampleId :

ICVBF031623

Tgt Ion: 82 Resp: 1129392

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.6  | 34.4  | 51.6  |
| 54  | 44.5  | 35.2  | 52.8  |



#24

Nitrobenzene

Concen: 38.613 ng

RT: 7.551 min Scan# 844

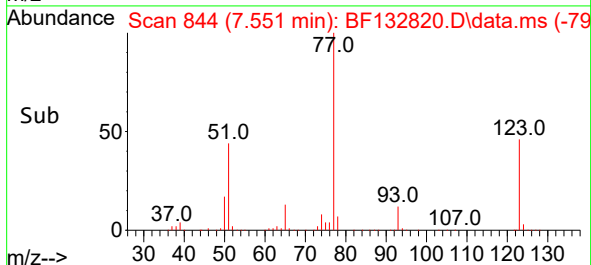
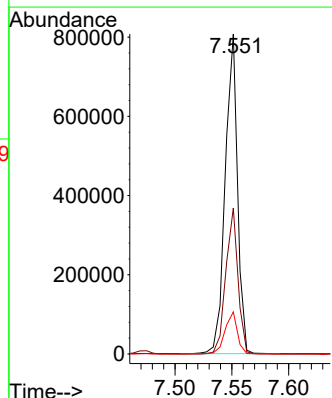
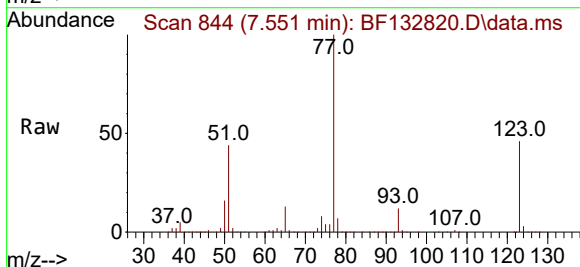
Delta R.T. 0.000 min

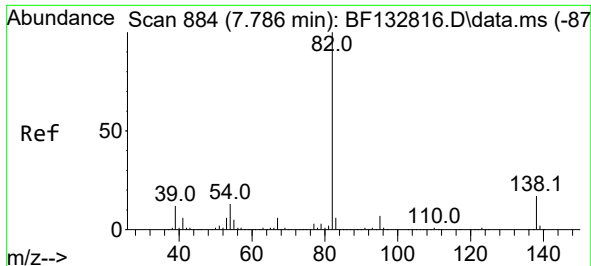
Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Tgt Ion: 77 Resp: 609276

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.6  | 36.4  | 54.6  |
| 65  | 13.2  | 10.3  | 15.5  |

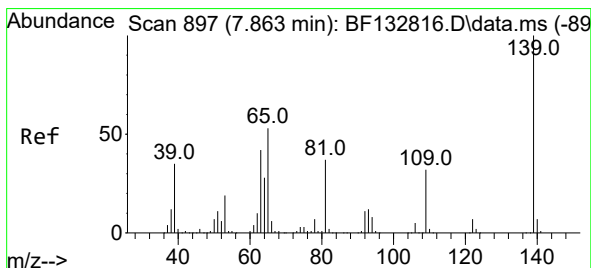
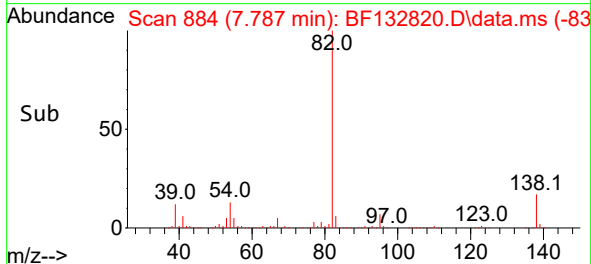
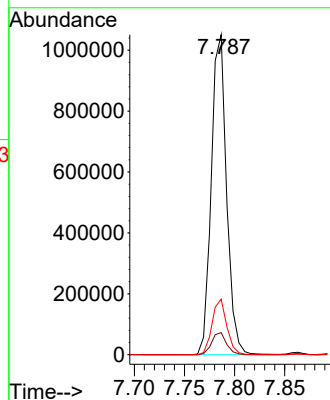
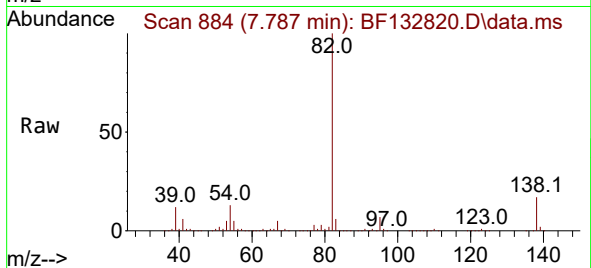




#25  
Isophorone  
Concen: 38.939 ng  
RT: 7.787 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

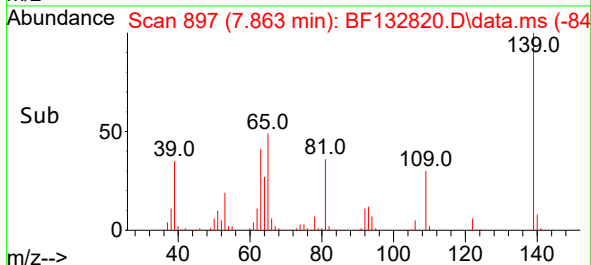
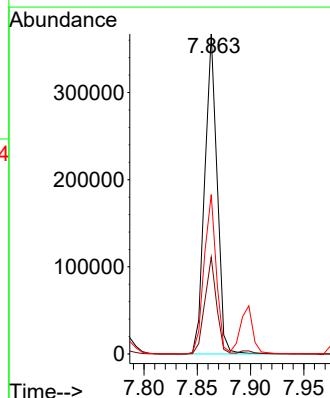
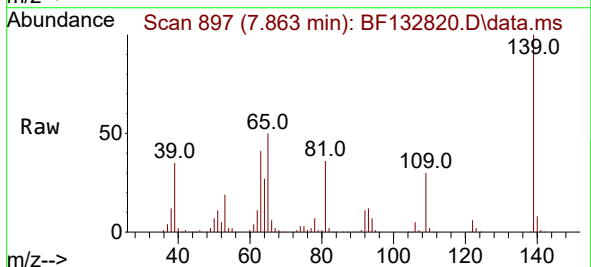
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

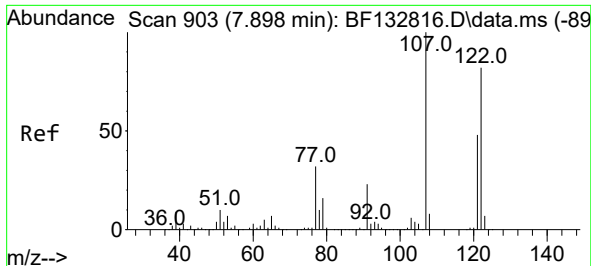
Tgt Ion: 82 Resp: 1117204  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.7 8.5  
138 17.4 13.7 20.5



#26  
2-Nitrophenol  
Concen: 40.453 ng  
RT: 7.863 min Scan# 897  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:139 Resp: 297320  
Ion Ratio Lower Upper  
139 100  
109 30.3 25.8 38.8  
65 49.8 42.7 64.1



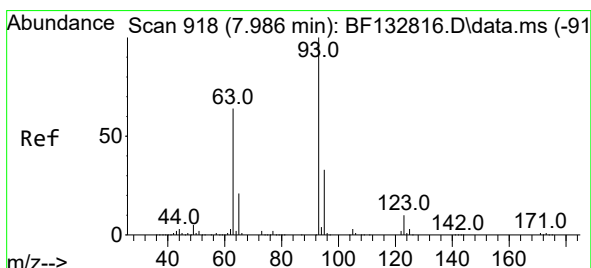
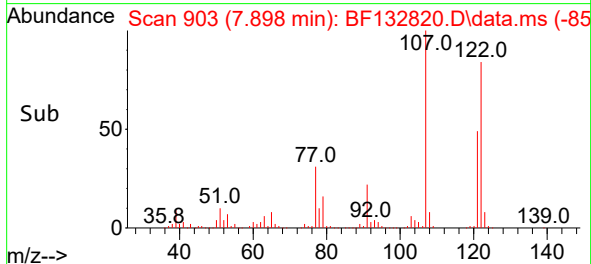
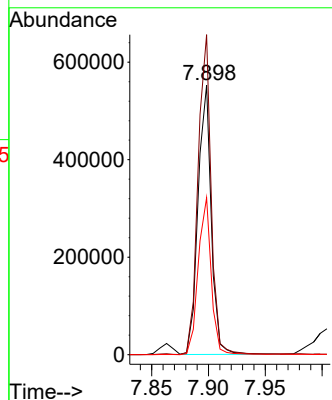
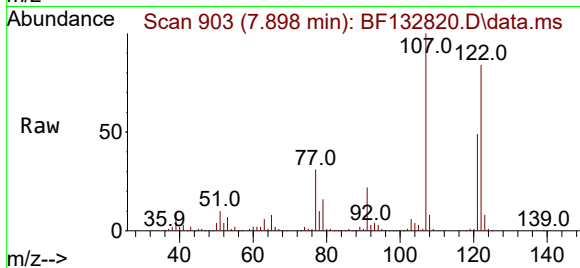


#27  
 2,4-Dimethylphenol  
 Concen: 39.218 ng  
 RT: 7.898 min Scan# 903  
 Delta R.T. 0.000 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF031623

Tgt Ion:122 Resp: 446574

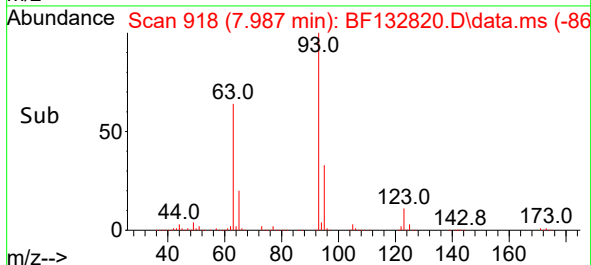
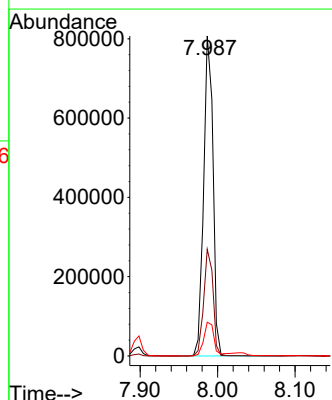
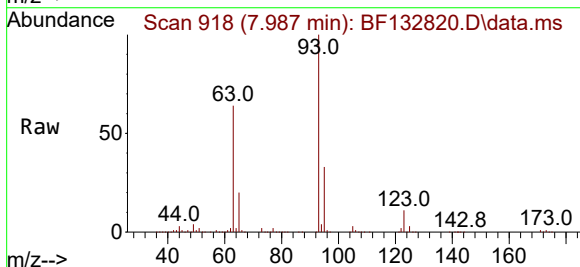
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 118.7 | 97.0  | 145.4 |
| 121 | 58.2  | 46.4  | 69.6  |

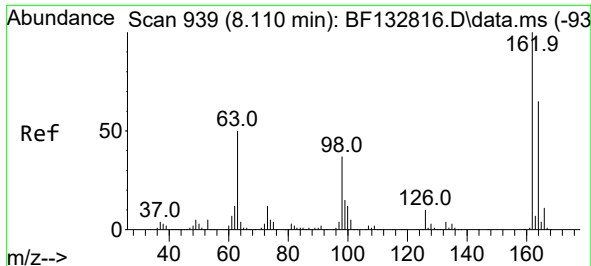


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.381 ng  
 RT: 7.987 min Scan# 918  
 Delta R.T. 0.000 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

Tgt Ion: 93 Resp: 678657

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 33.4  | 26.4  | 39.6  |
| 123 | 10.5  | 8.4   | 12.6  |





#29

2,4-Dichlorophenol

Concen: 39.485 ng

RT: 8.110 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA\_F

ClientSampleId :

ICVBF031623

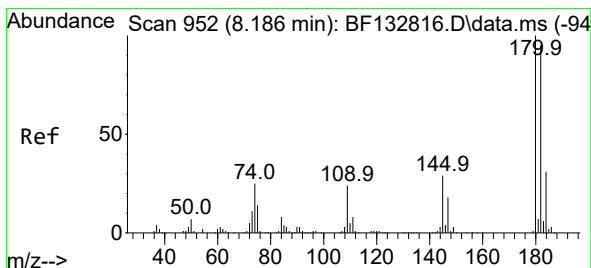
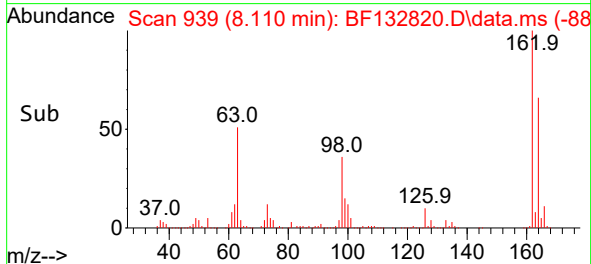
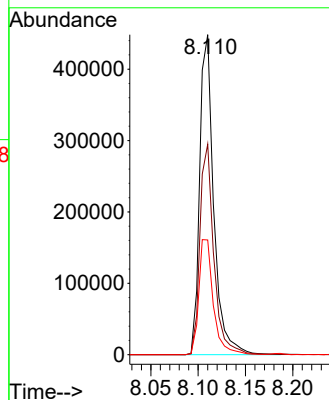
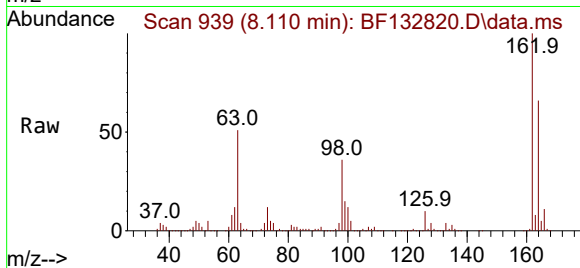
Tgt Ion:162 Resp: 465489

Ion Ratio Lower Upper

162 100

164 65.8 44.7 84.7

98 35.8 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 38.561 ng

RT: 8.187 min Scan# 952

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

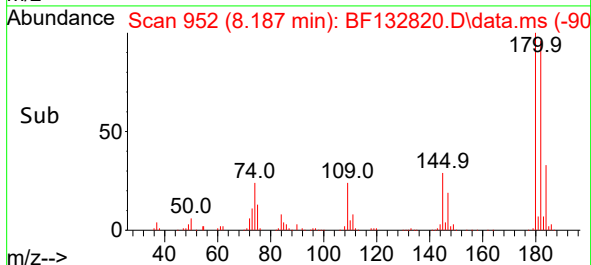
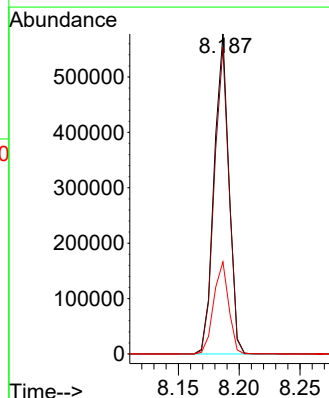
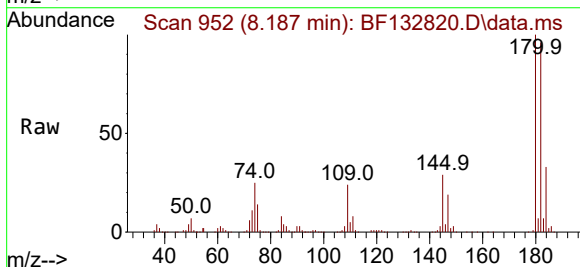
Tgt Ion:180 Resp: 486237

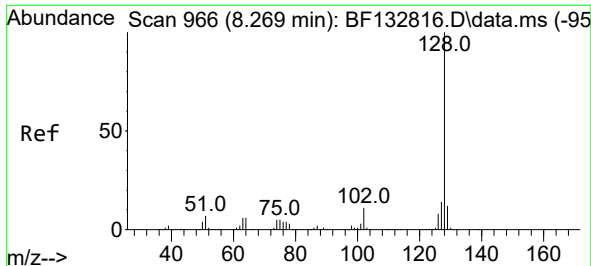
Ion Ratio Lower Upper

180 100

182 95.8 75.9 113.9

145 28.8 23.0 34.4

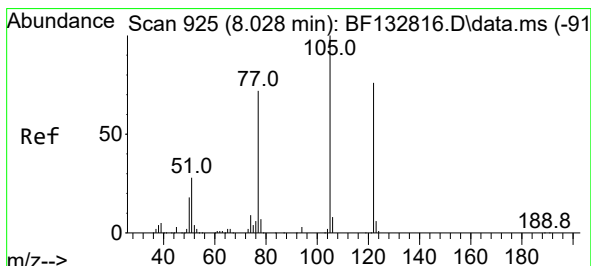
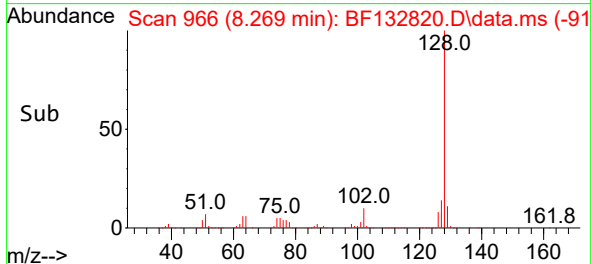
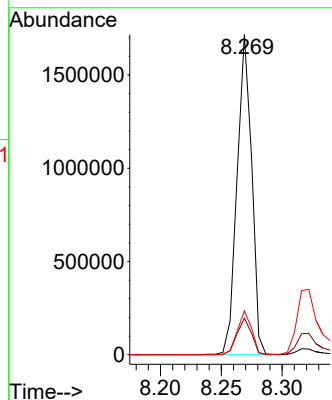
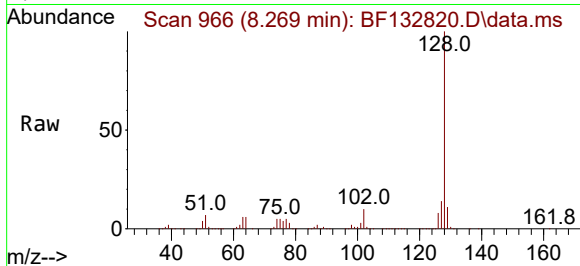




#31  
Naphthalene  
Concen: 38.117 ng  
RT: 8.269 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

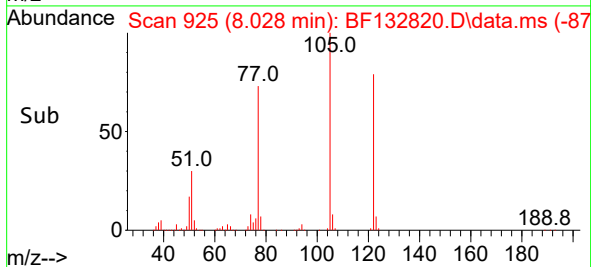
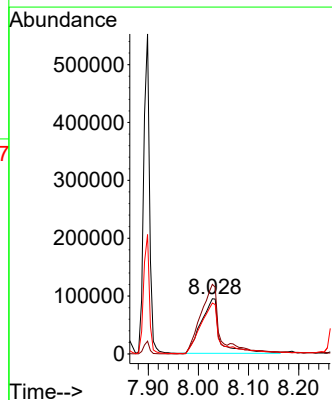
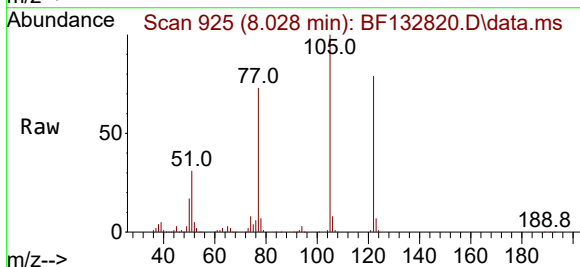
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

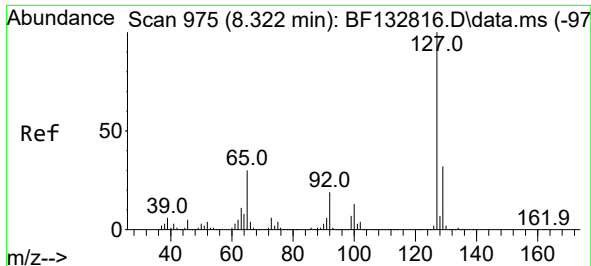
Tgt Ion:128 Resp: 1428215  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.4 14.2  
127 13.7 11.1 16.7



#32  
Benzoic acid  
Concen: 38.209 ng  
RT: 8.028 min Scan# 925  
Delta R.T. -0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:122 Resp: 249617  
Ion Ratio Lower Upper  
122 100  
105 126.0 110.8 150.8  
77 92.2 74.2 114.2

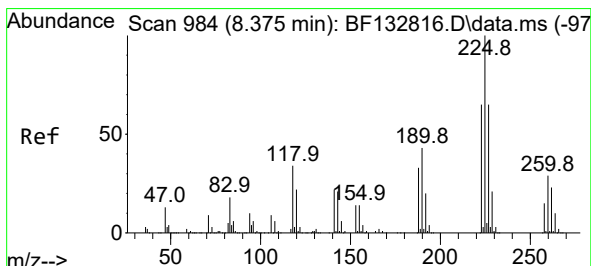
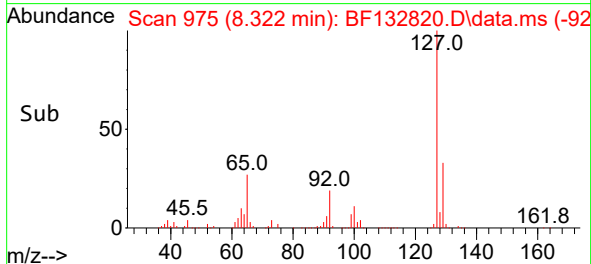
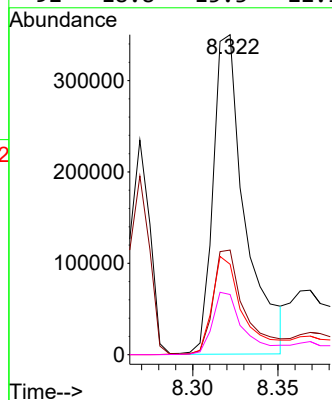
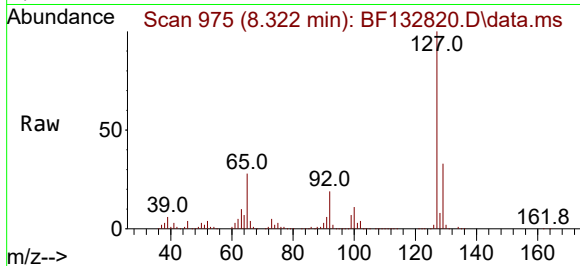




#33  
4-Chloroaniline  
Concen: 27.977 ng  
RT: 8.322 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

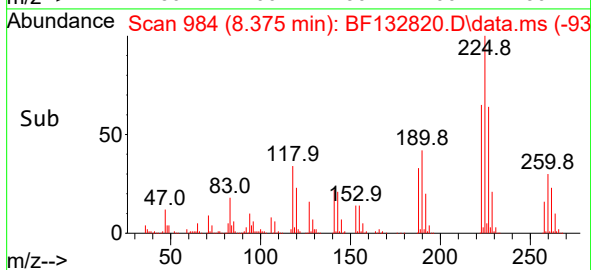
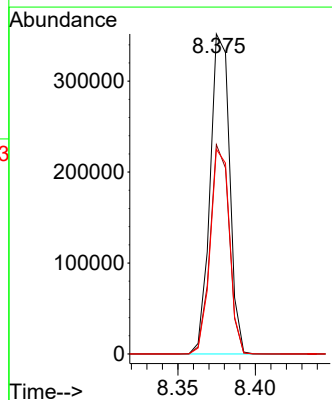
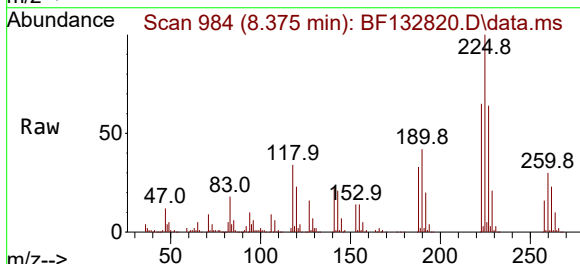
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

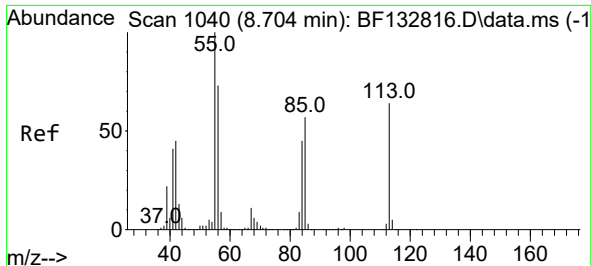
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 457017 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 25.8  | 38.6   |
| 65       | 28.2  | 24.1  | 36.1   |
| 92       | 18.8  | 15.3  | 22.9   |



#34  
Hexachlorobutadiene  
Concen: 38.466 ng  
RT: 8.375 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 307740 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.4  | 51.8  | 77.6   |
| 227      | 64.0  | 52.2  | 78.2   |

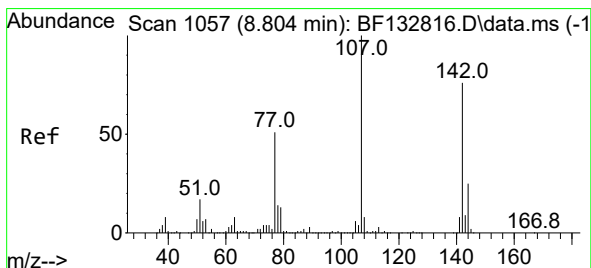
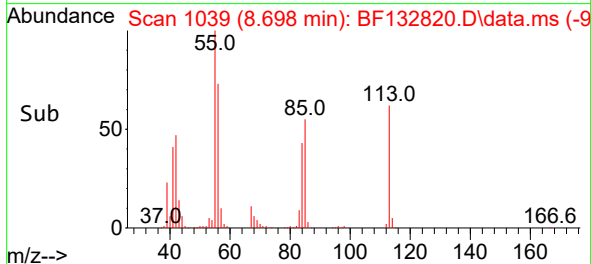
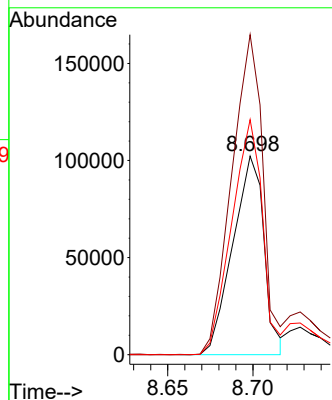
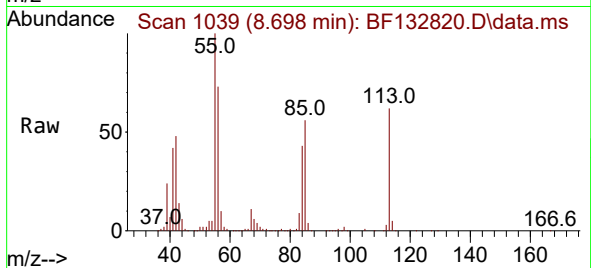




#35  
 Caprolactam  
 Concen: 36.084 ng  
 RT: 8.698 min Scan# 1039  
 Delta R.T. -0.006 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

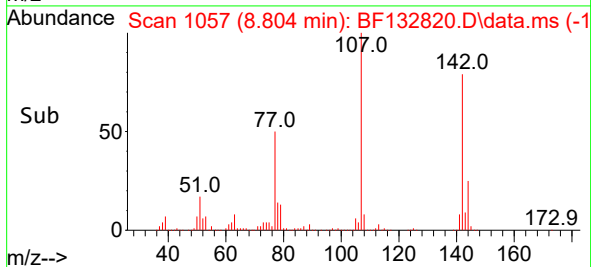
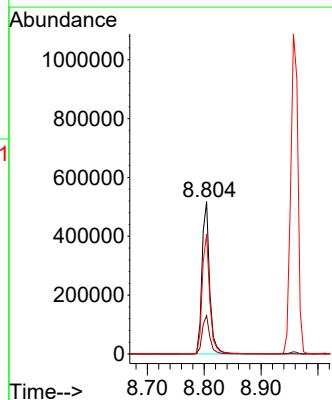
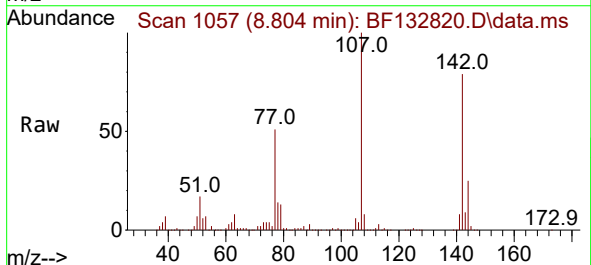
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF031623

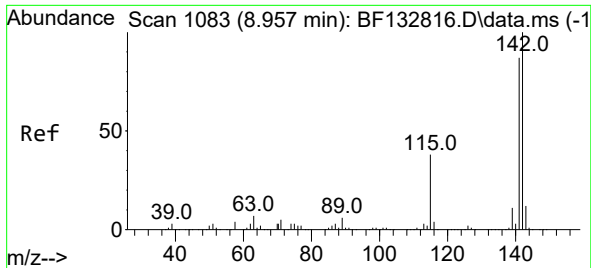
Tgt Ion:113 Resp: 130421  
 Ion Ratio Lower Upper  
 113 100  
 55 161.1 136.3 176.3  
 56 118.3 94.7 134.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.399 ng  
 RT: 8.804 min Scan# 1057  
 Delta R.T. 0.000 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

Tgt Ion:107 Resp: 484386  
 Ion Ratio Lower Upper  
 107 100  
 144 25.2 20.0 30.0  
 142 78.6 61.1 91.7

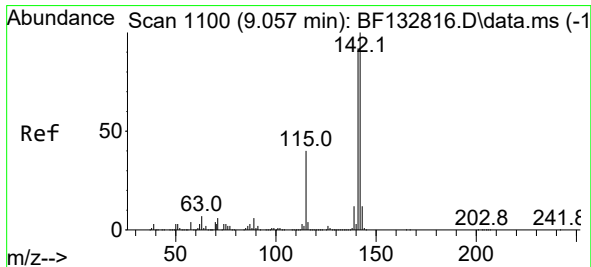
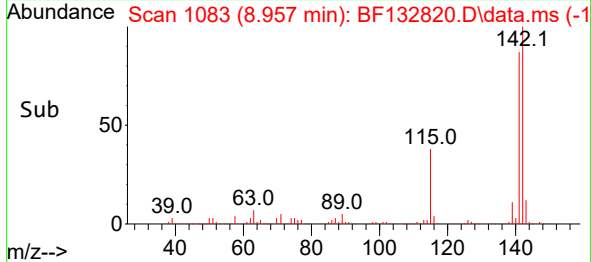
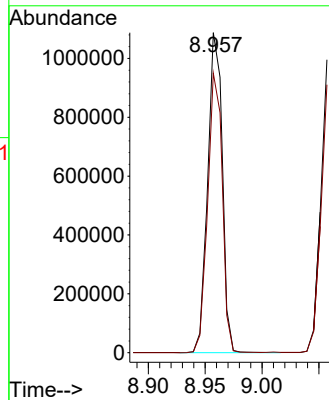
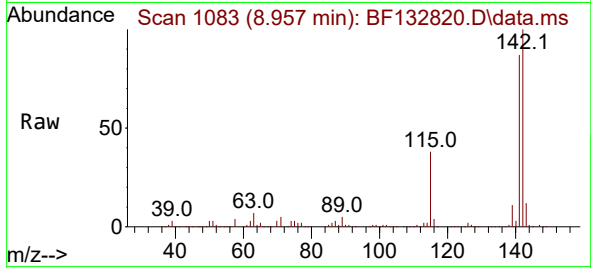




#37  
2-Methylnaphthalene  
Concen: 38.417 ng  
RT: 8.957 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

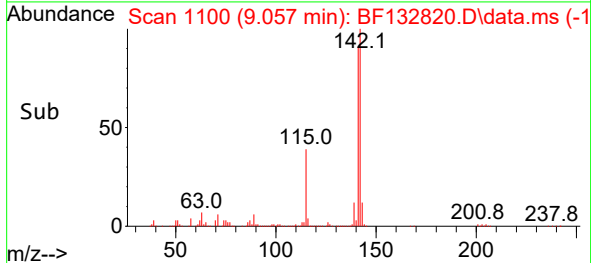
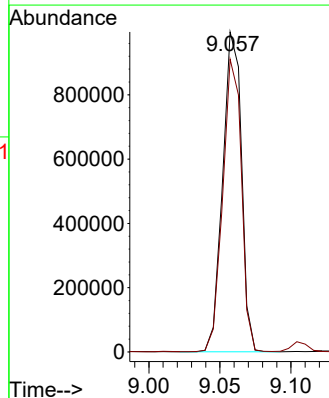
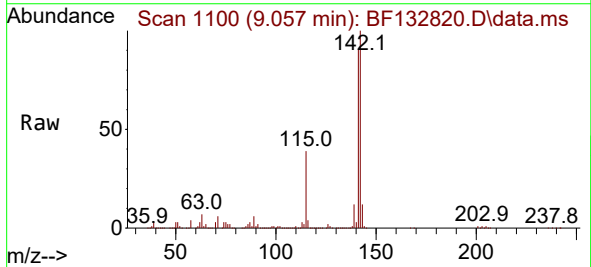
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

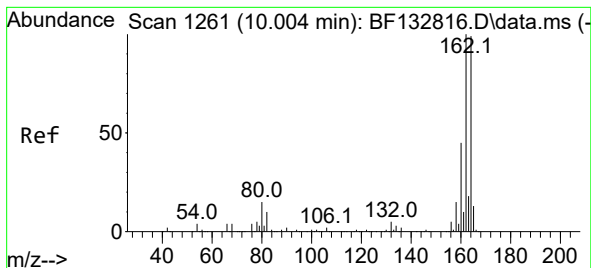
Tgt Ion:142 Resp: 965334  
Ion Ratio Lower Upper  
142 100  
141 87.4 69.3 103.9



#38  
1-Methylnaphthalene  
Concen: 38.661 ng  
RT: 9.057 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:142 Resp: 914667  
Ion Ratio Lower Upper  
142 100  
141 91.5 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 11261

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA\_F

ClientSampleId :

ICVBF031623

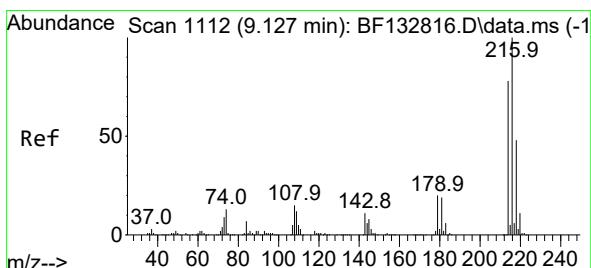
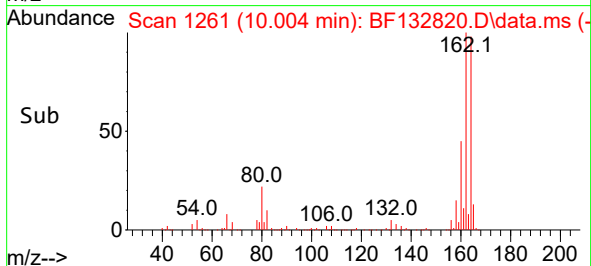
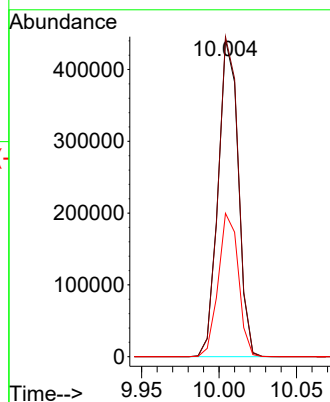
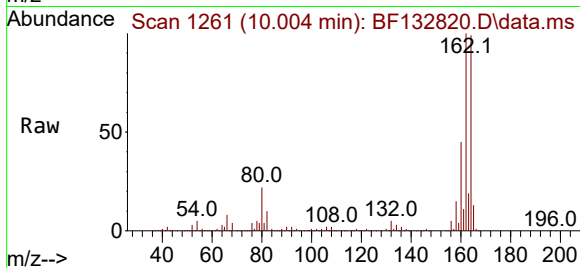
Tgt Ion:164 Resp: 399199

Ion Ratio Lower Upper

164 100

162 100.9 80.6 121.0

160 45.2 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.421 ng

RT: 9.128 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Tgt Ion:216 Resp: 516238

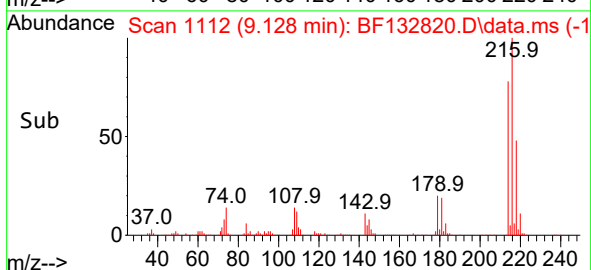
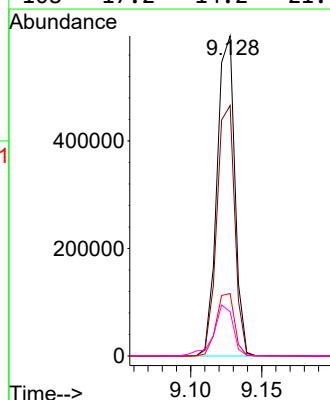
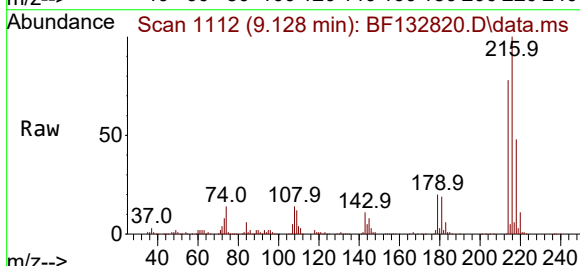
Ion Ratio Lower Upper

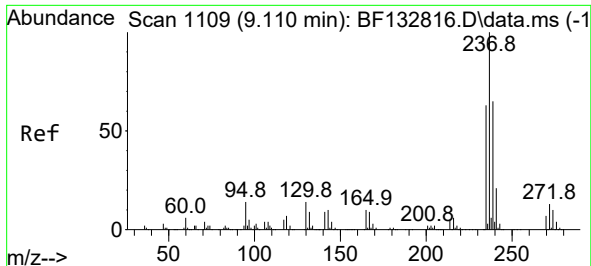
216 100

214 79.0 64.3 96.5

179 20.0 16.2 24.4

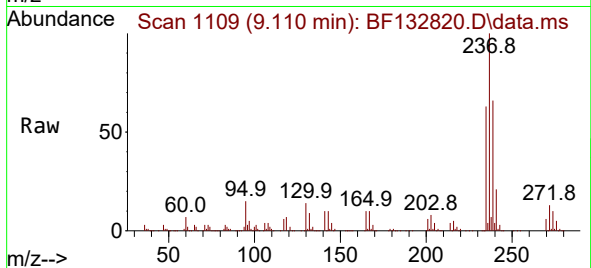
108 17.2 14.2 21.4



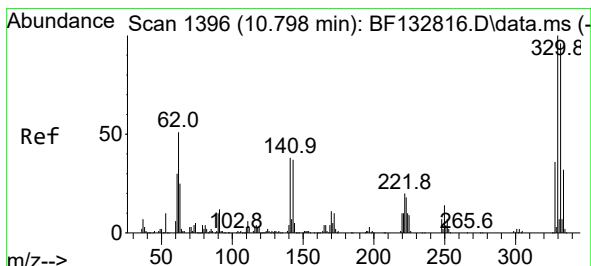
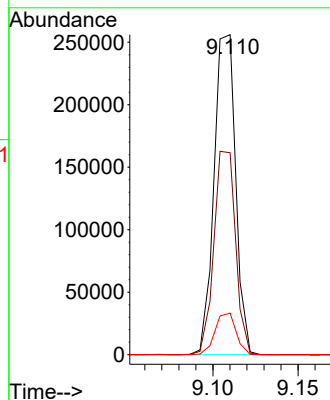
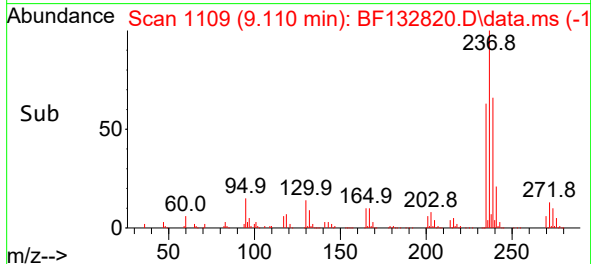


#41  
Hexachlorocyclopentadiene  
Concen: 38.262 ng  
RT: 9.110 min Scan# 1109  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

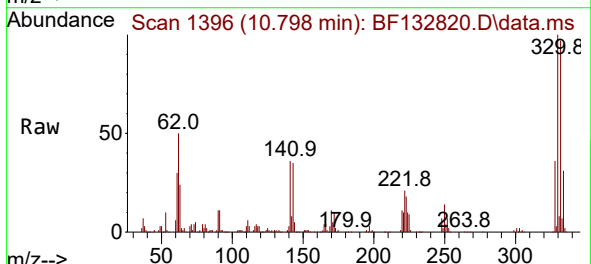
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623



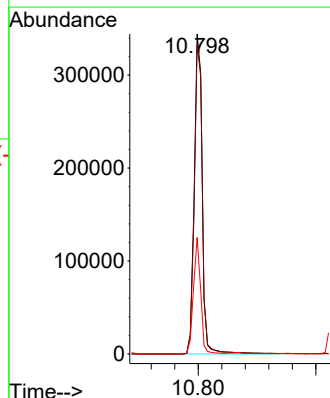
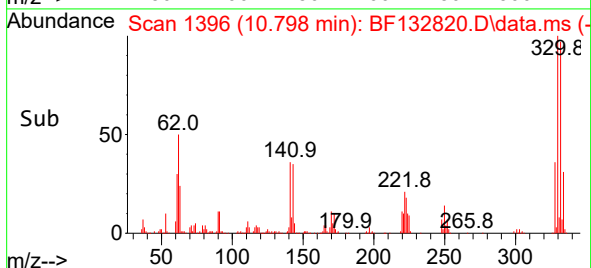
Tgt Ion:237 Resp: 226229  
Ion Ratio Lower Upper  
237 100  
235 63.1 43.3 83.3  
272 13.0 0.0 32.9

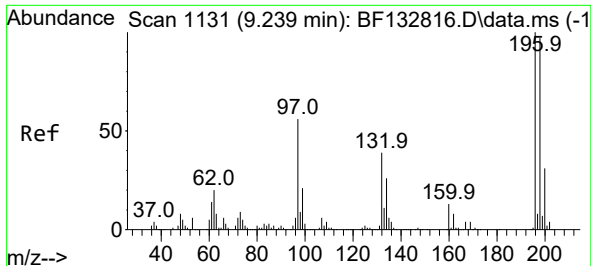


#42  
2,4,6-Tribromophenol  
Concen: 76.778 ng  
RT: 10.798 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02



Tgt Ion:330 Resp: 325819  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.0 115.6  
141 32.8 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 39.713 ng

RT: 9.239 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA\_F

ClientSampleId :

ICVBF031623

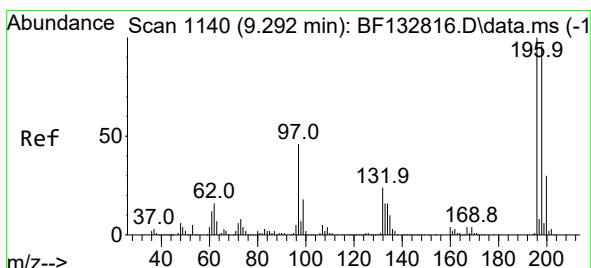
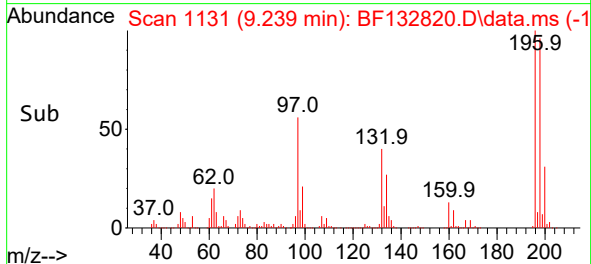
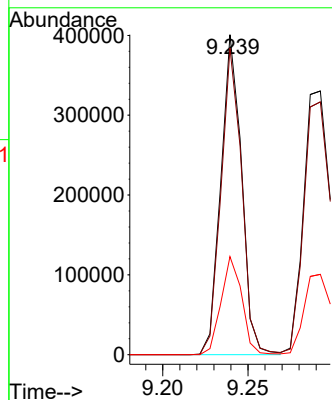
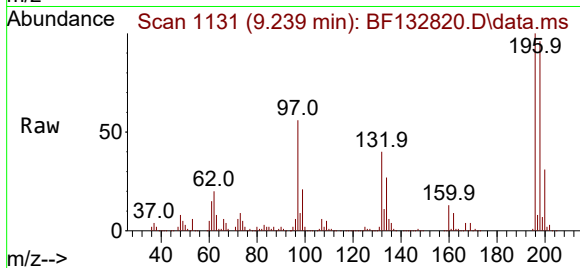
Tgt Ion:196 Resp: 338624

Ion Ratio Lower Upper

196 100

198 95.8 77.3 115.9

200 30.6 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 40.557 ng

RT: 9.292 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Tgt Ion:196 Resp: 402630

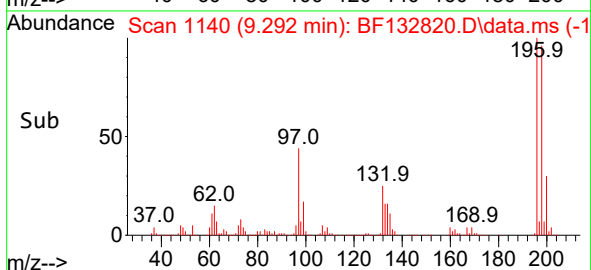
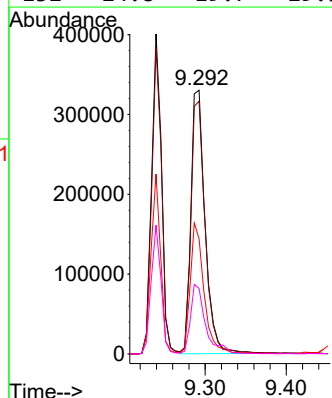
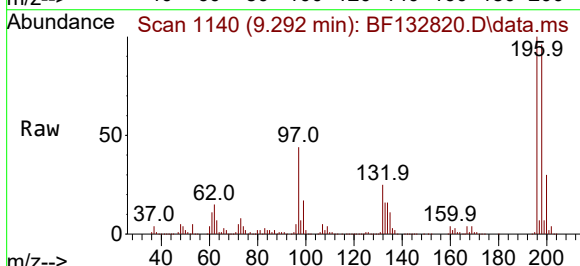
Ion Ratio Lower Upper

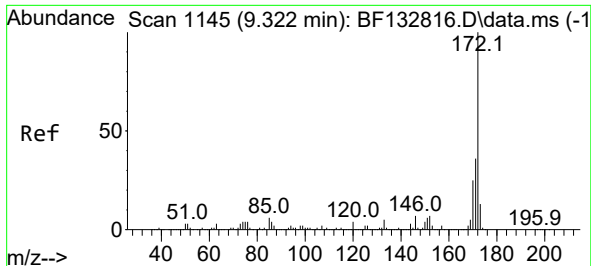
196 100

198 95.9 76.8 115.2

97 43.7 36.9 55.3

132 24.8 19.7 29.5

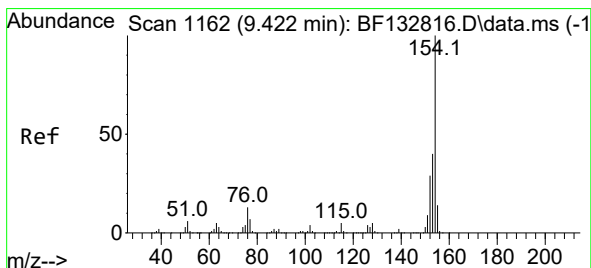
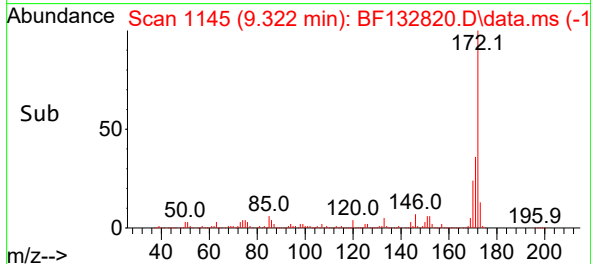
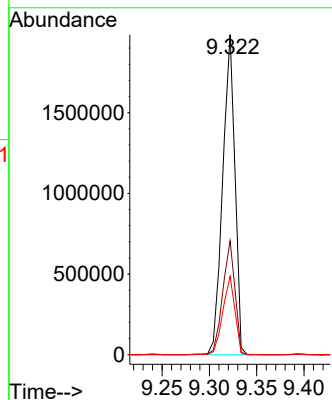
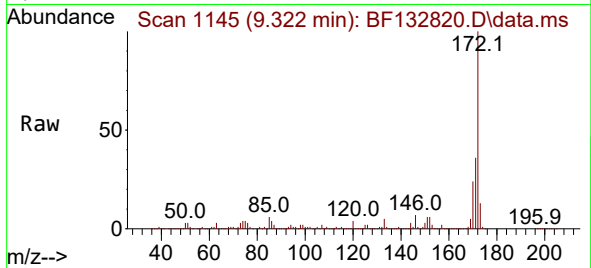




#45  
2-Fluorobiphenyl  
Concen: 73.642 ng  
RT: 9.322 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

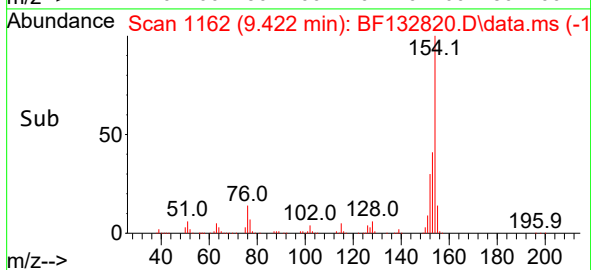
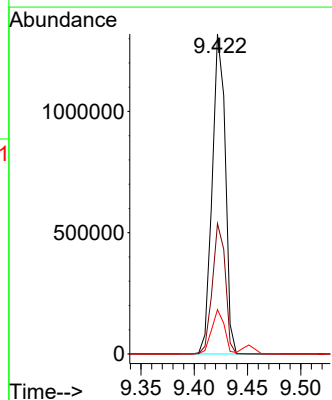
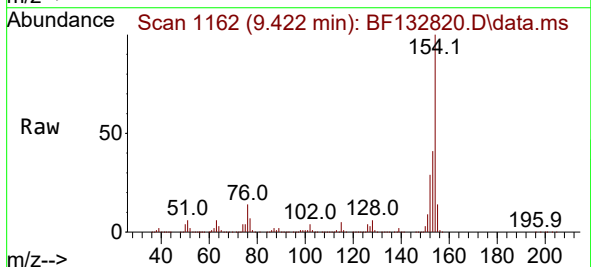
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

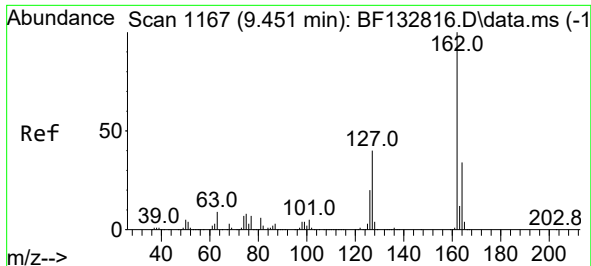
Tgt Ion:172 Resp: 1789615  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.7 43.1  
170 24.5 19.8 29.8



#46  
1,1'-Biphenyl  
Concen: 38.042 ng  
RT: 9.422 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:154 Resp: 1126635  
Ion Ratio Lower Upper  
154 100  
153 40.7 19.6 59.6  
76 13.9 0.0 33.5

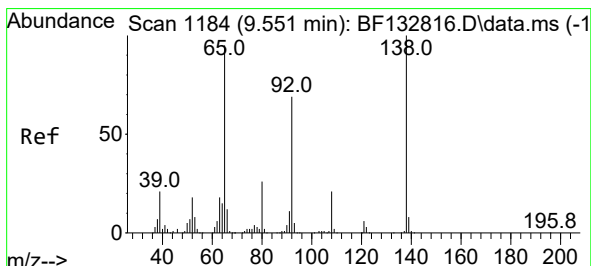
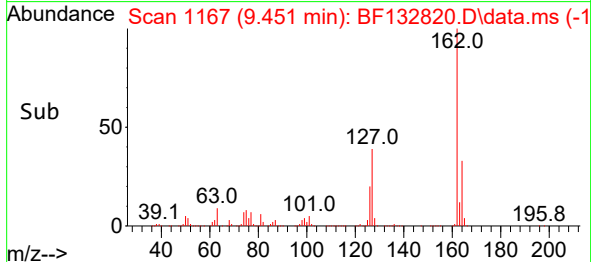
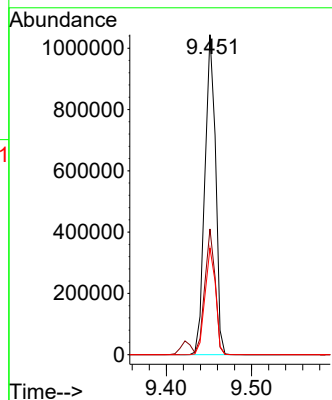
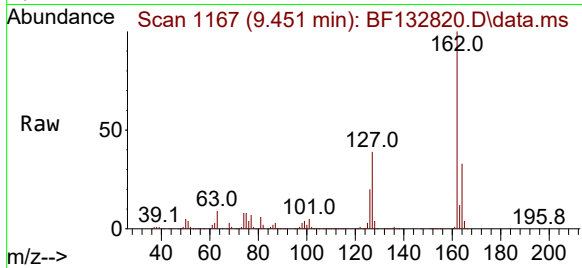




#47  
2-Chloronaphthalene  
Concen: 38.714 ng  
RT: 9.451 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

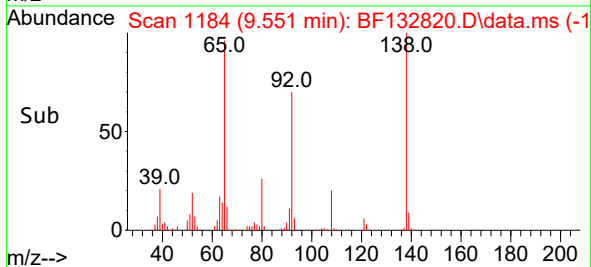
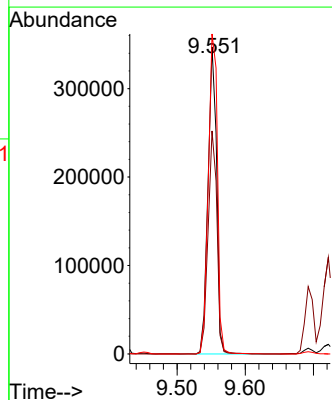
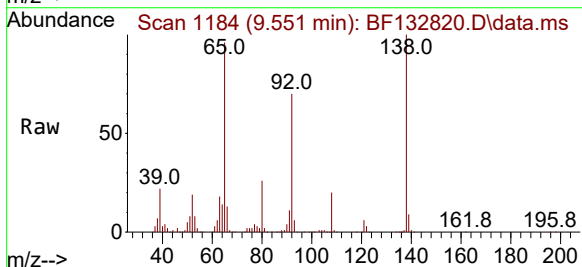
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

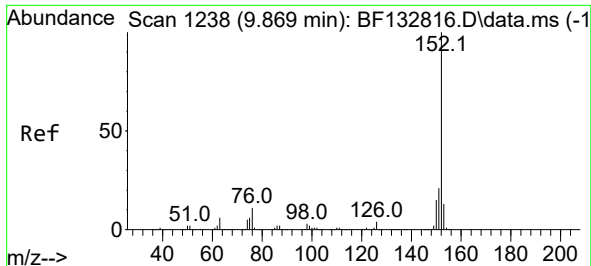
Tgt Ion:162 Resp: 907855  
Ion Ratio Lower Upper  
162 100  
127 39.3 32.3 48.5  
164 33.4 27.2 40.8



#48  
2-Nitroaniline  
Concen: 39.939 ng  
RT: 9.551 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion: 65 Resp: 307578  
Ion Ratio Lower Upper  
65 100  
92 72.6 58.6 88.0  
138 104.2 84.4 126.6





#49

Acenaphthylene

Concen: 39.452 ng

RT: 9.869 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA\_F

ClientSampleId :

ICVBF031623

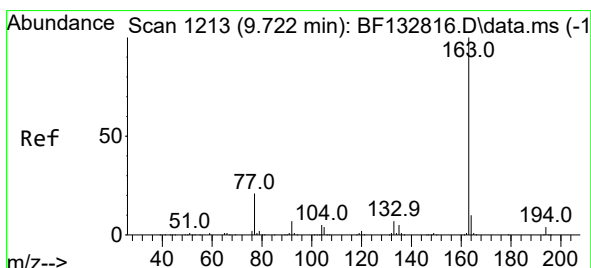
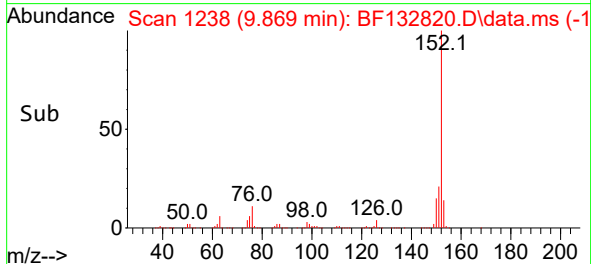
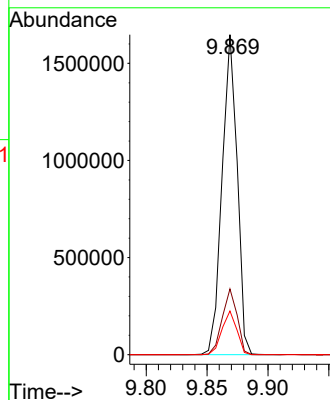
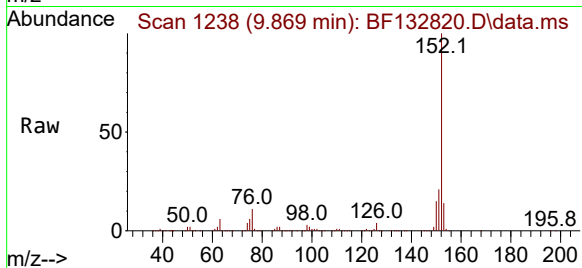
Tgt Ion:152 Resp: 1421733

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

153 13.7 10.8 16.2



#50

Dimethylphthalate

Concen: 39.274 ng

RT: 9.722 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

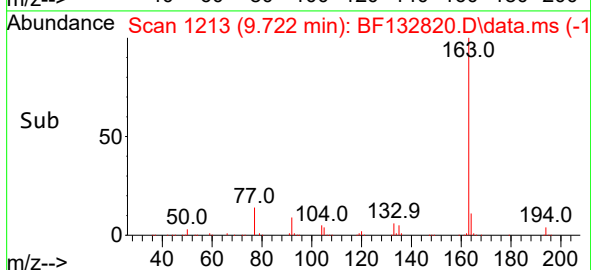
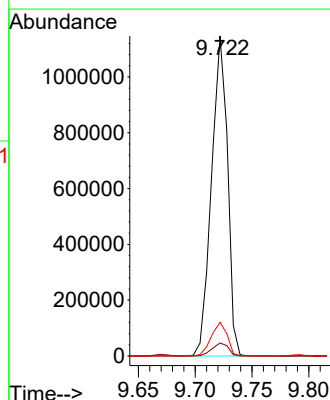
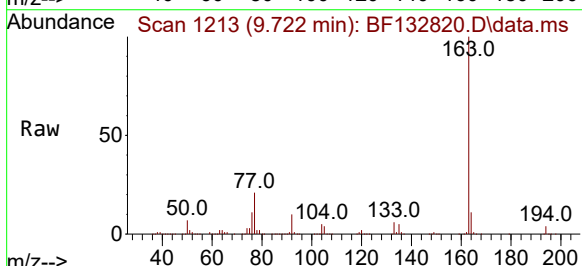
Tgt Ion:163 Resp: 1124071

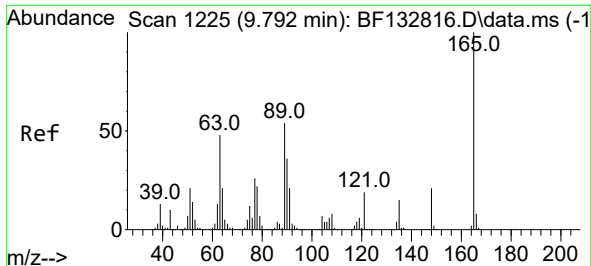
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.5 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 40.100 ng

RT: 9.792 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA\_F

ClientSampleId :

ICVBF031623

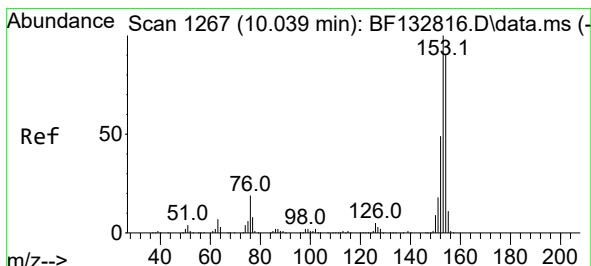
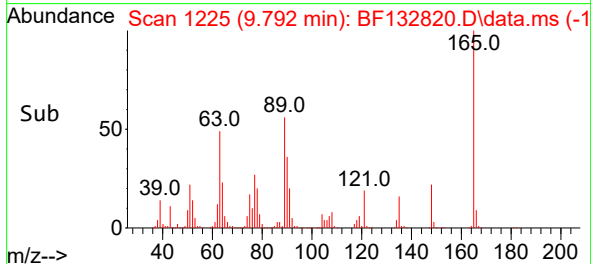
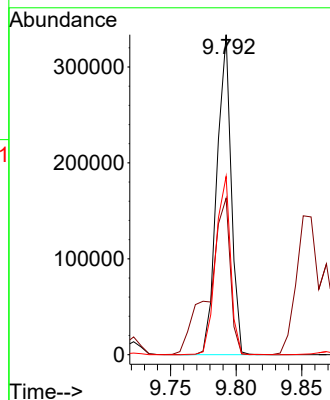
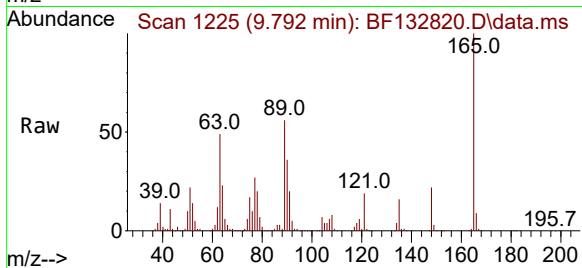
Tgt Ion:165 Resp: 253777

Ion Ratio Lower Upper

165 100

63 48.9 39.1 58.7

89 55.7 43.5 65.3



#52

Acenaphthene

Concen: 37.933 ng

RT: 10.039 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

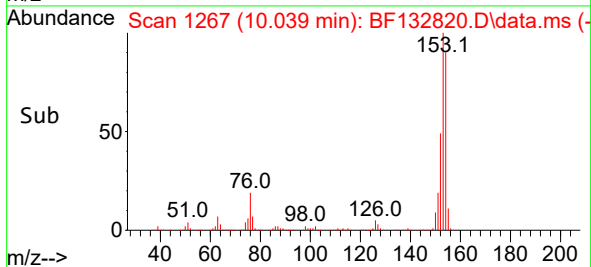
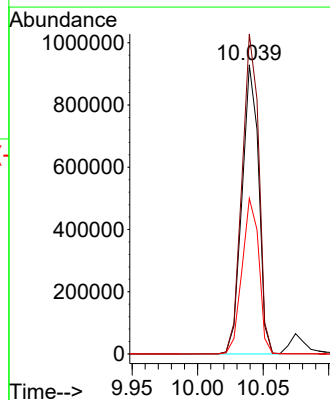
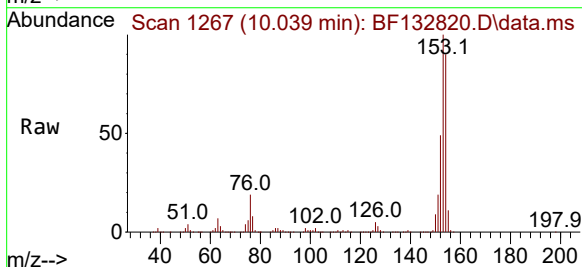
Tgt Ion:154 Resp: 822851

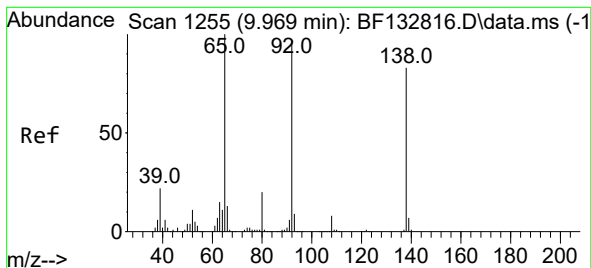
Ion Ratio Lower Upper

154 100

153 110.7 89.4 134.0

152 53.8 43.4 65.2

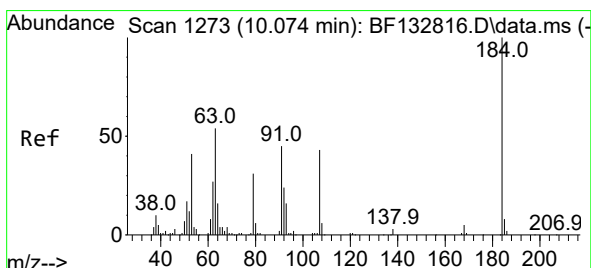
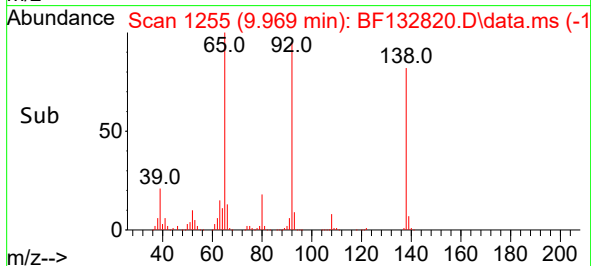
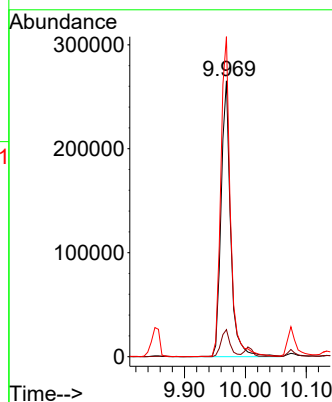
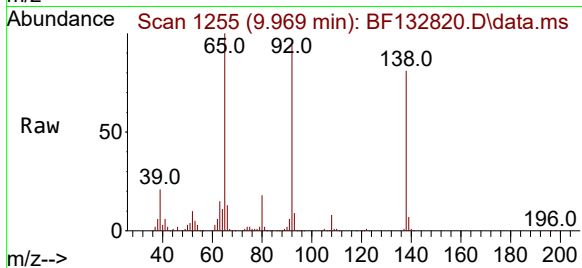




#53  
3-Nitroaniline  
Concen: 40.608 ng  
RT: 9.969 min Scan# 1255  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

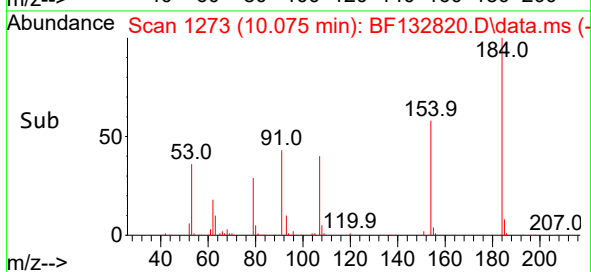
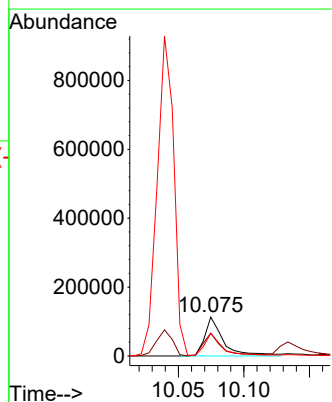
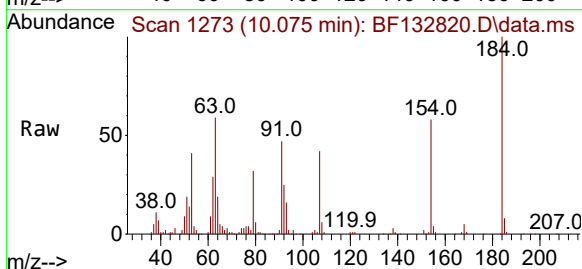
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

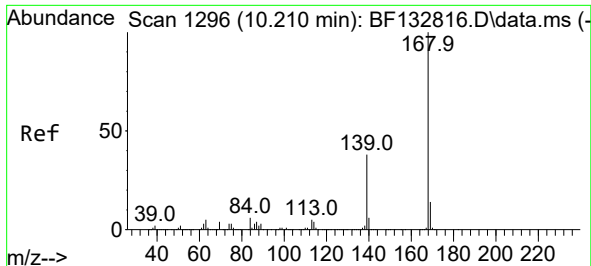
Tgt Ion:138 Resp: 287283  
Ion Ratio Lower Upper  
138 100  
108 9.8 8.2 12.2  
92 116.0 93.3 139.9



#54  
2,4-Dinitrophenol  
Concen: 36.198 ng  
RT: 10.075 min Scan# 1273  
Delta R.T. 0.001 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:184 Resp: 111684  
Ion Ratio Lower Upper  
184 100  
63 58.9 47.2 70.8  
154 58.0 46.5 69.7

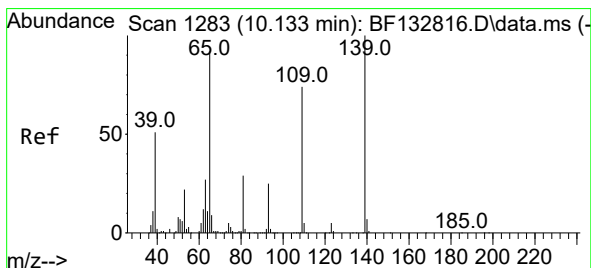
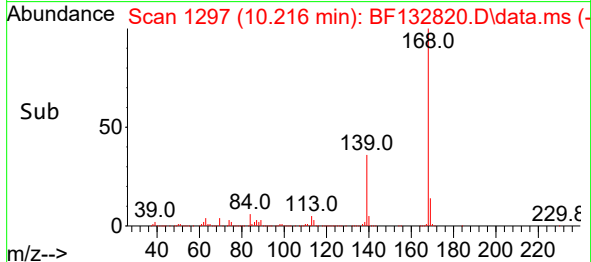
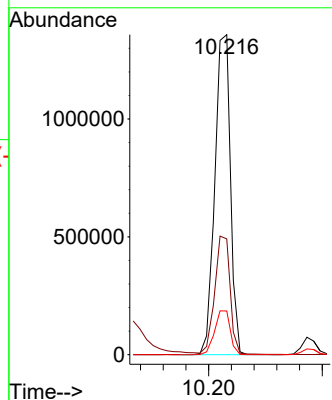
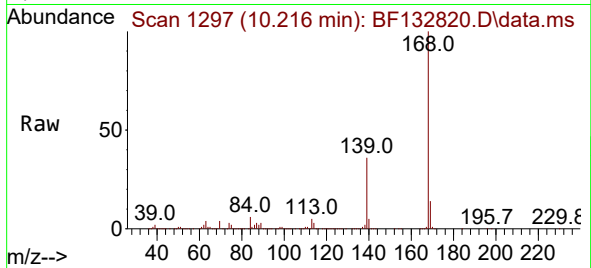




#55  
Dibenzenofuran  
Concen: 38.834 ng  
RT: 10.216 min Scan# 1296  
Delta R.T. 0.006 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

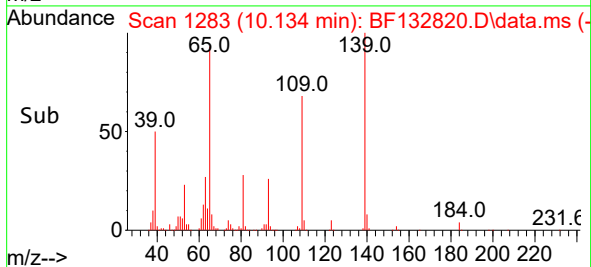
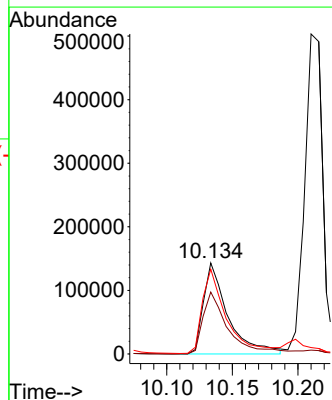
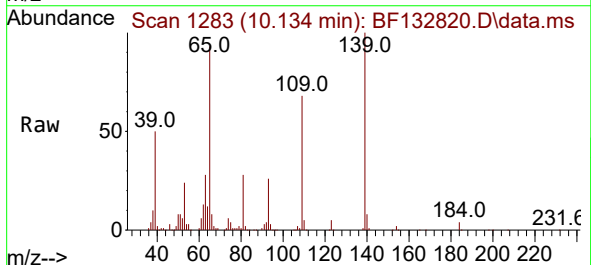
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

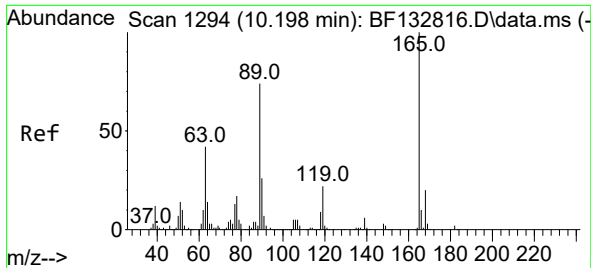
Tgt Ion:168 Resp: 1294900  
Ion Ratio Lower Upper  
168 100  
139 36.2 31.0 46.6  
169 13.6 11.3 16.9



#56  
4-Nitrophenol  
Concen: 44.132 ng  
RT: 10.134 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:139 Resp: 186143  
Ion Ratio Lower Upper  
139 100  
109 68.0 53.8 93.8  
65 93.1 73.0 113.0





#57

2,4-Dinitrotoluene

Concen: 40.410 ng

RT: 10.198 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA\_F

ClientSampleId :

ICVBF031623

Tgt Ion:165 Resp: 326679

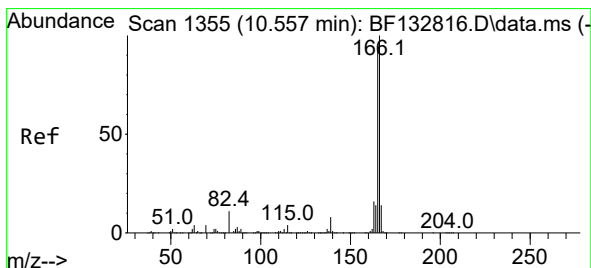
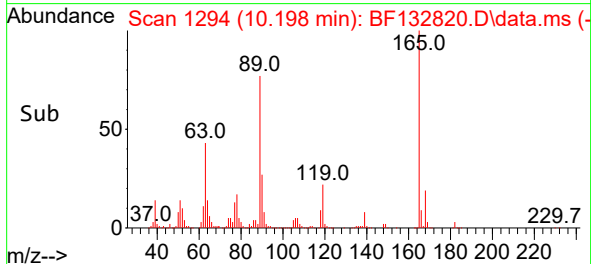
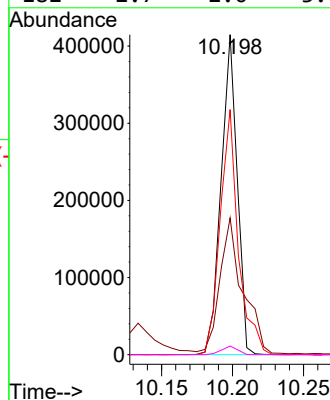
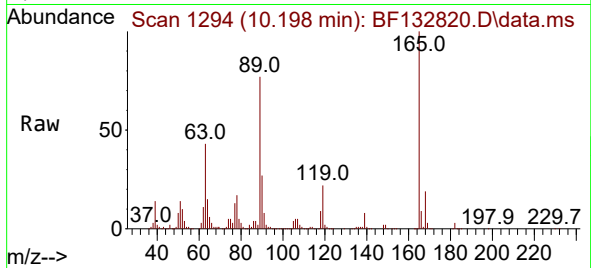
Ion Ratio Lower Upper

165 100

63 42.7 34.4 51.6

89 76.6 59.5 89.3

182 2.7 2.0 3.0



#58

Fluorene

Concen: 37.690 ng

RT: 10.557 min Scan# 1355

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

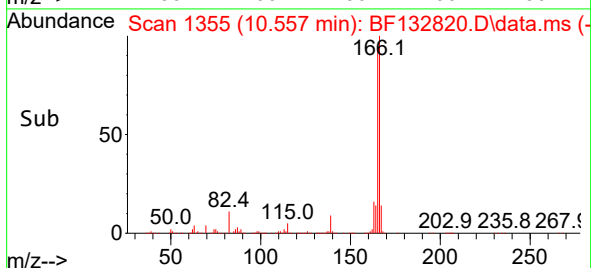
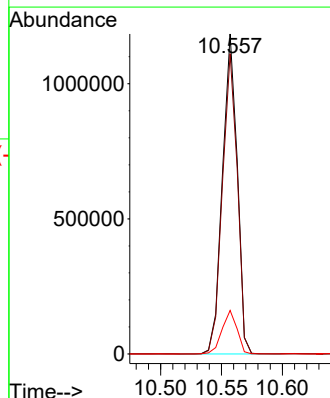
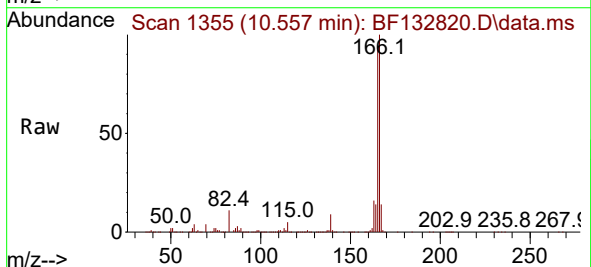
Tgt Ion:166 Resp: 999369

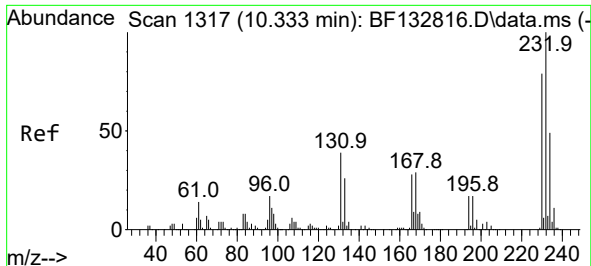
Ion Ratio Lower Upper

166 100

165 93.9 74.3 111.5

167 13.6 11.0 16.4

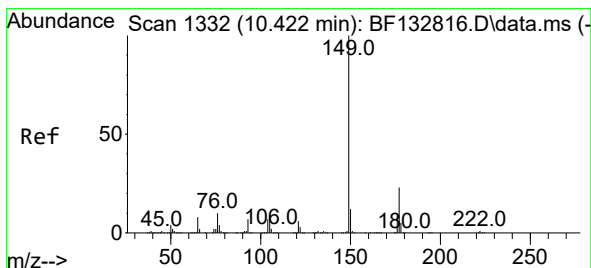
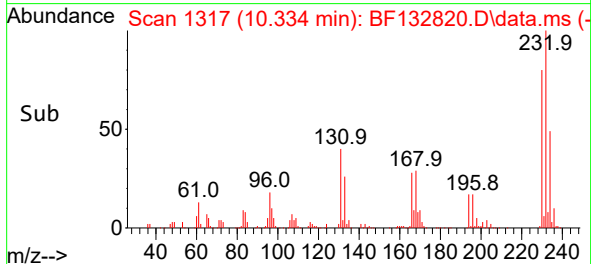
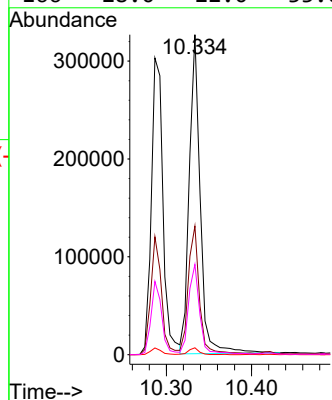
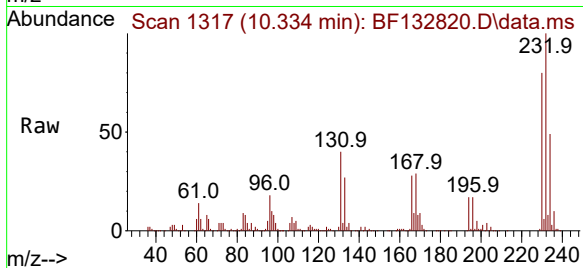




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.479 ng  
RT: 10.334 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

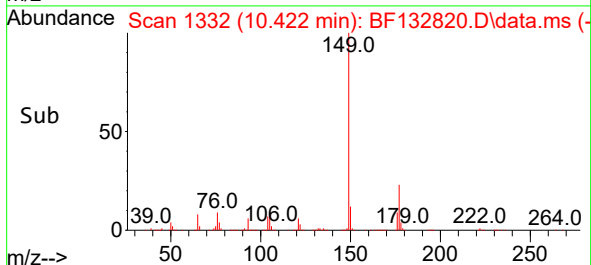
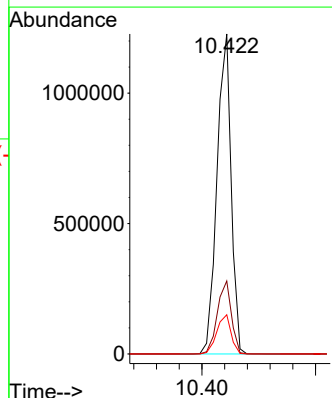
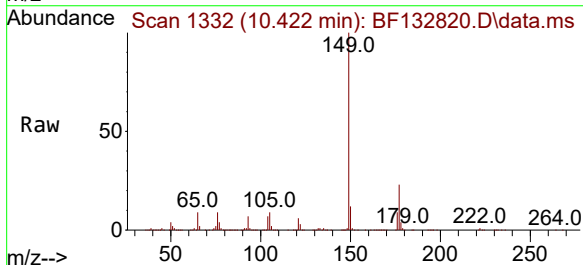
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

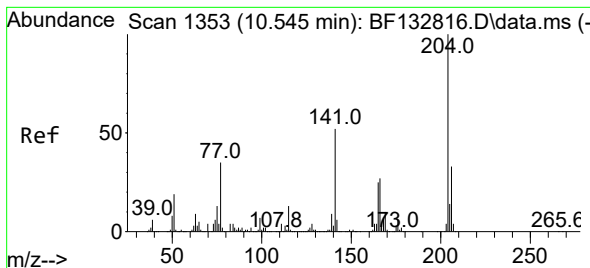
Tgt Ion:232 Resp: 291242  
Ion Ratio Lower Upper  
232 100  
131 39.7 32.6 48.8  
130 2.2 1.7 2.5  
166 28.0 22.0 33.0



#60  
Diethylphthalate  
Concen: 39.096 ng  
RT: 10.422 min Scan# 1332  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:149 Resp: 1060424  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.6 28.0  
150 12.2 10.0 15.0

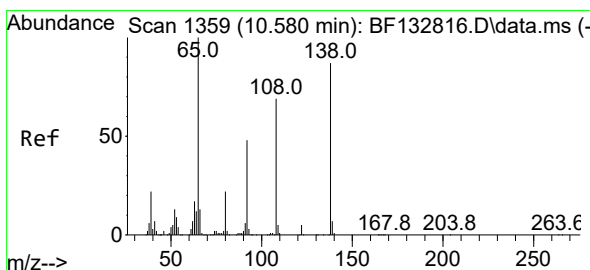
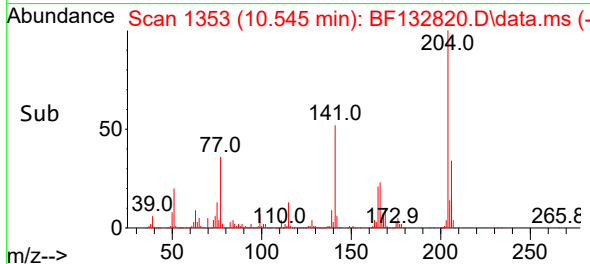
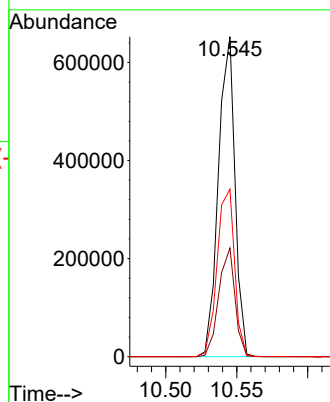
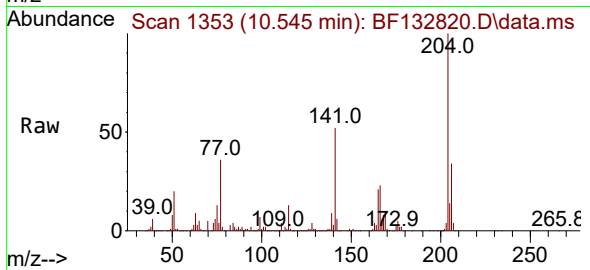




#61  
4-Chlorophenyl-phenylether  
Concen: 38.107 ng  
RT: 10.545 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

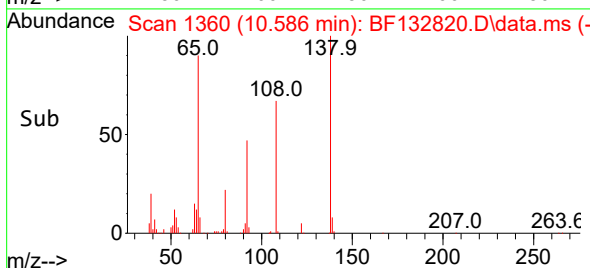
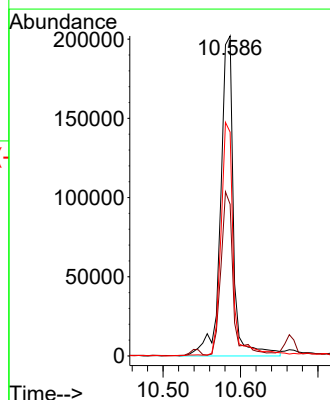
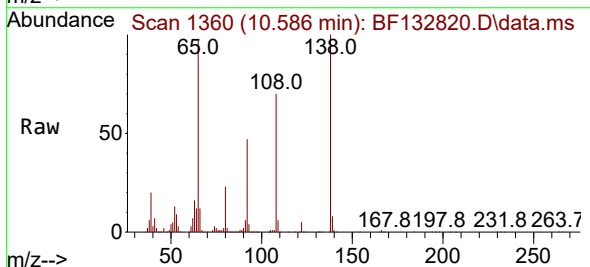
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

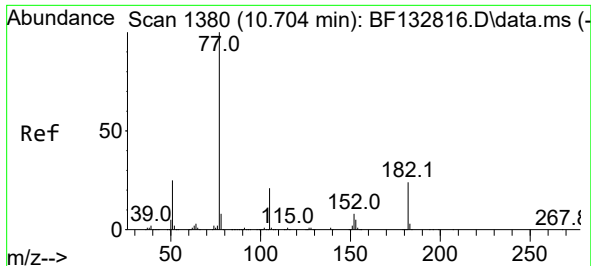
Tgt Ion:204 Resp: 530398  
Ion Ratio Lower Upper  
204 100  
206 34.0 26.6 40.0  
141 52.3 41.9 62.9



#62  
4-Nitroaniline  
Concen: 37.905 ng  
RT: 10.586 min Scan# 1360  
Delta R.T. 0.006 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:138 Resp: 234478  
Ion Ratio Lower Upper  
138 100  
92 47.4 34.9 74.9  
108 69.9 58.8 98.8



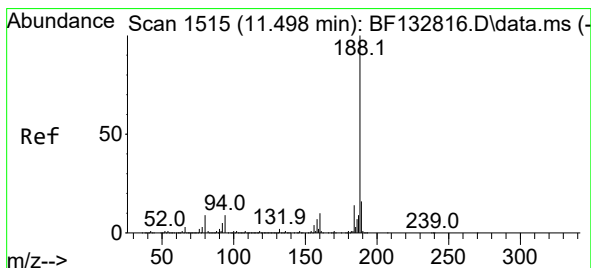
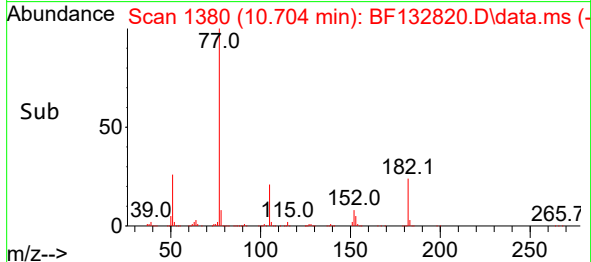
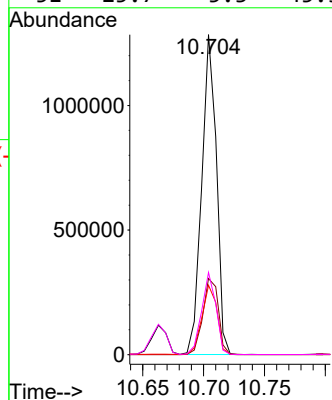
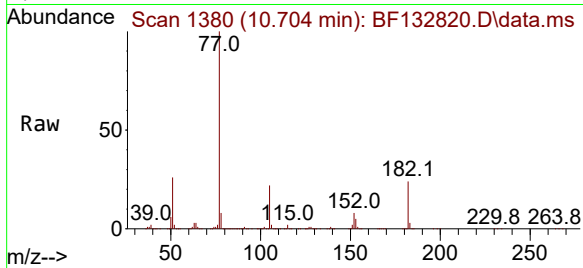


#63  
Azobenzene  
Concen: 38.855 ng  
RT: 10.704 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

Tgt Ion: 77 Resp: 1077462

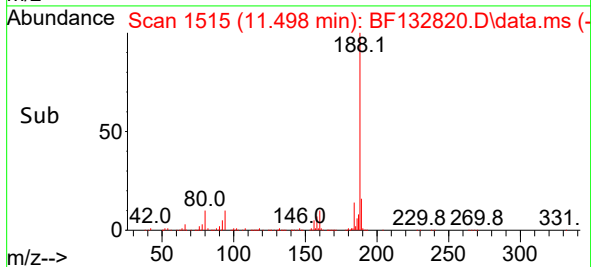
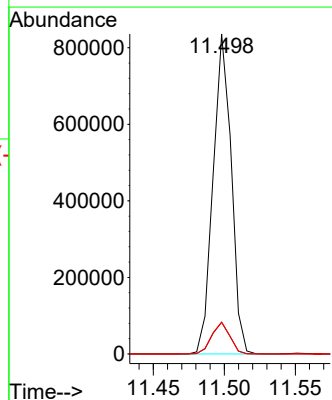
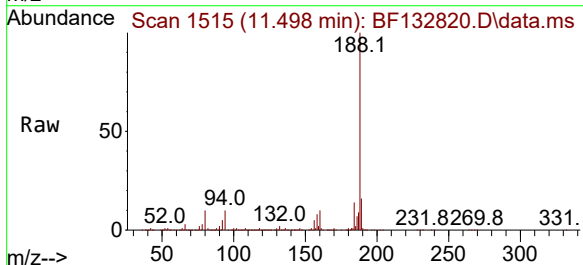
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 23.8  | 3.8   | 43.8  |
| 105 | 21.7  | 1.2   | 41.2  |
| 51  | 25.7  | 5.3   | 45.3  |

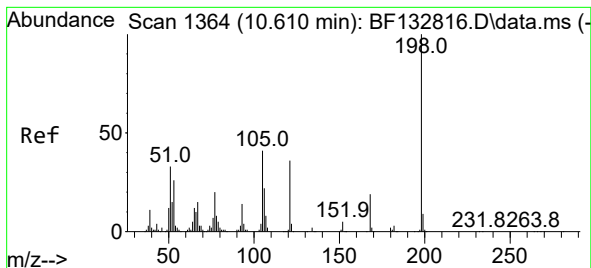


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.498 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion: 188 Resp: 743074

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.9   | 7.5   | 11.3  |
| 80  | 10.0  | 7.5   | 11.3  |

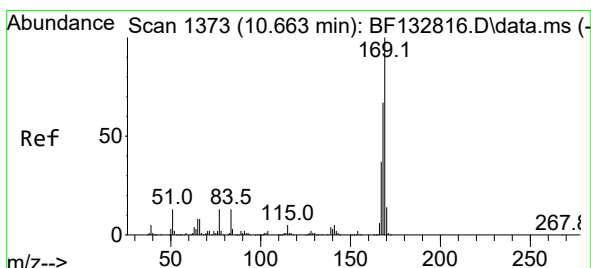
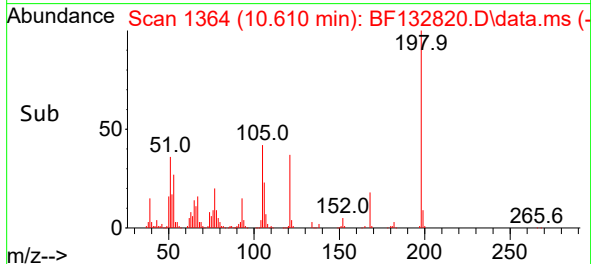
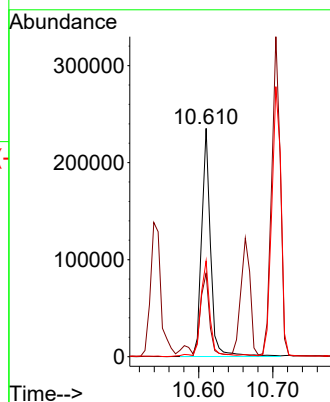
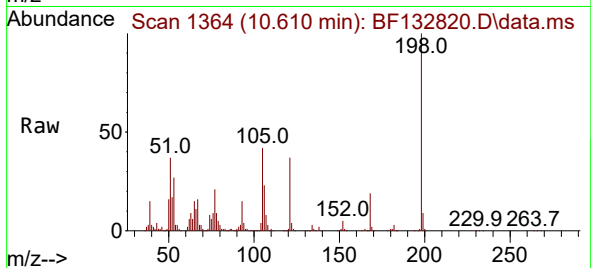




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.002 ng  
RT: 10.610 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

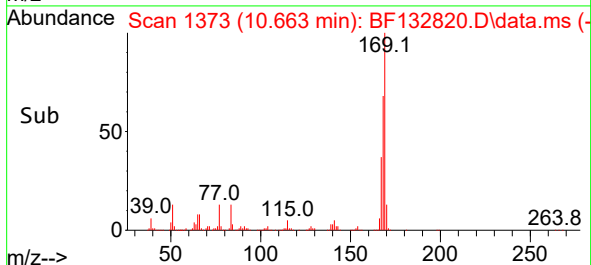
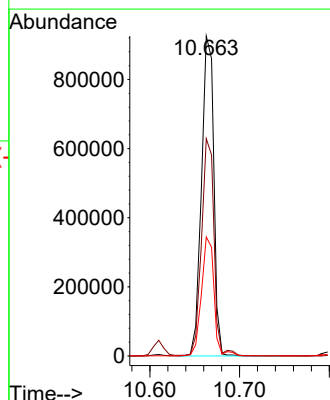
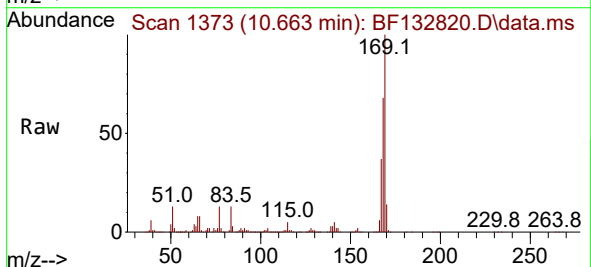
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

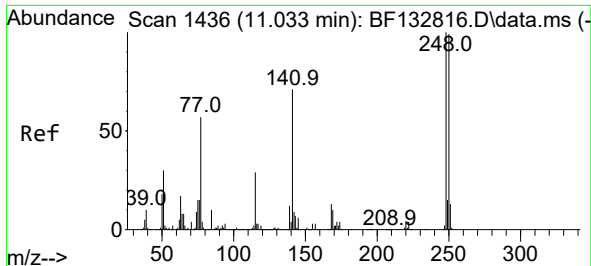
Tgt Ion:198 Resp: 195840  
Ion Ratio Lower Upper  
198 100  
51 36.6 15.6 55.6  
105 42.0 21.5 61.5



#66  
n-Nitrosodiphenylamine  
Concen: 38.174 ng  
RT: 10.663 min Scan# 1373  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:169 Resp: 876659  
Ion Ratio Lower Upper  
169 100  
168 67.9 54.2 81.2  
167 37.2 29.6 44.4

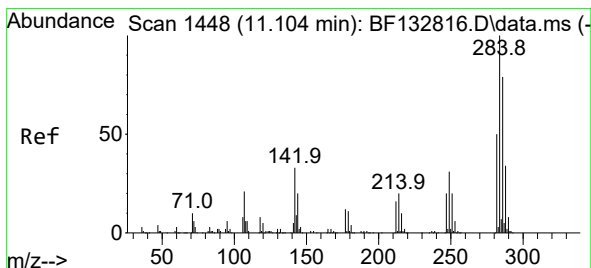
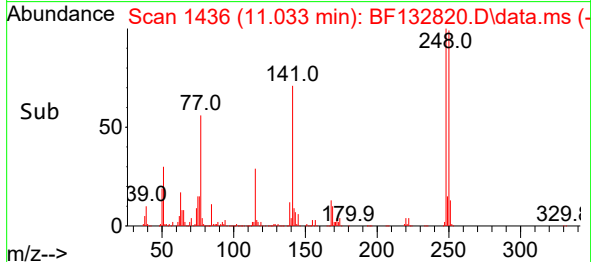
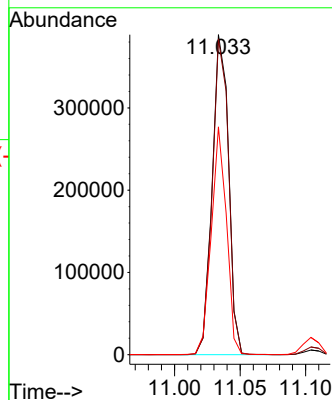
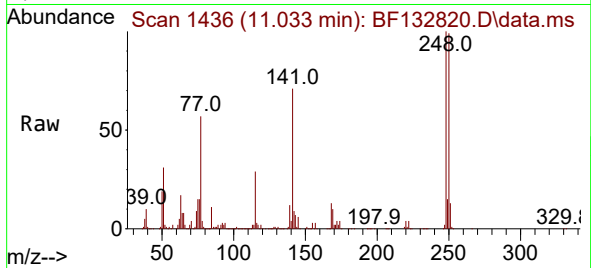




#67  
4-Bromophenyl-phenylether  
Concen: 39.357 ng  
RT: 11.033 min Scan# 1436  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

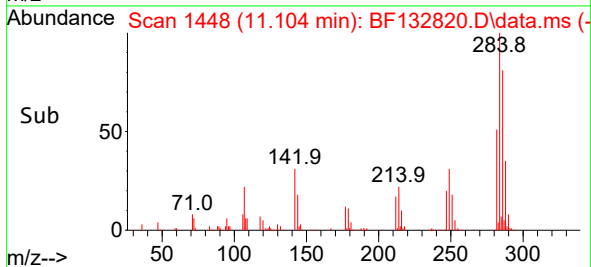
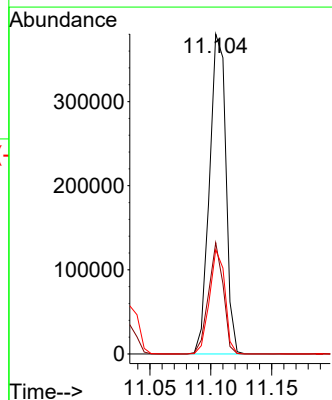
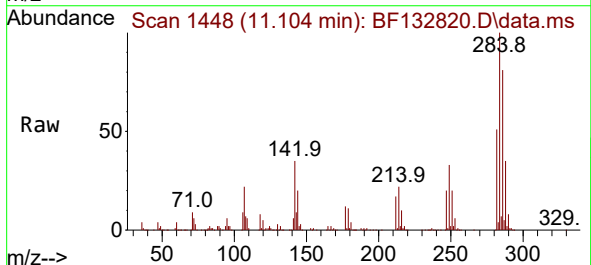
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

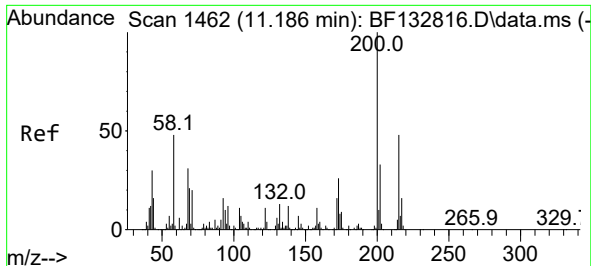
Tgt Ion:248 Resp: 338111  
Ion Ratio Lower Upper  
248 100  
250 98.7 79.1 118.7  
141 71.2 57.1 85.7



#68  
Hexachlorobenzene  
Concen: 39.085 ng  
RT: 11.104 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:284 Resp: 355585  
Ion Ratio Lower Upper  
284 100  
142 34.7 26.2 39.2  
249 32.5 24.9 37.3

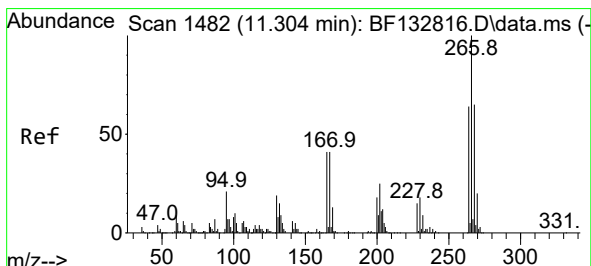
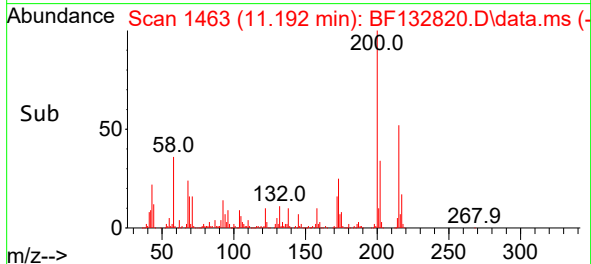
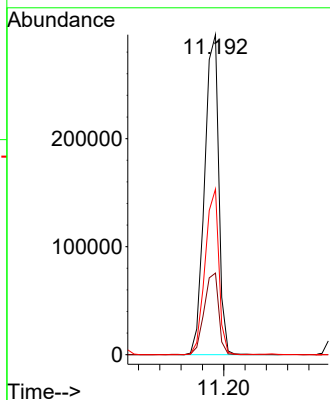
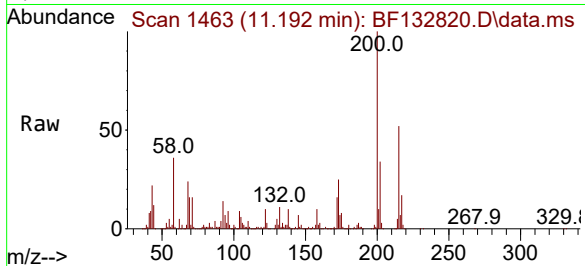




#69  
 Atrazine  
 Concen: 41.524 ng  
 RT: 11.192 min Scan# 1463  
 Delta R.T. 0.006 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

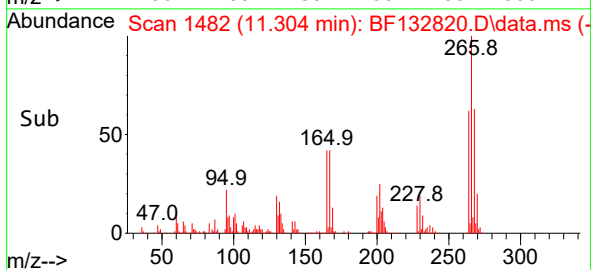
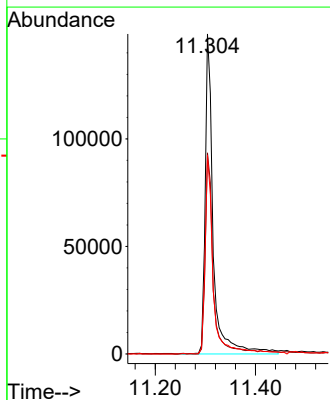
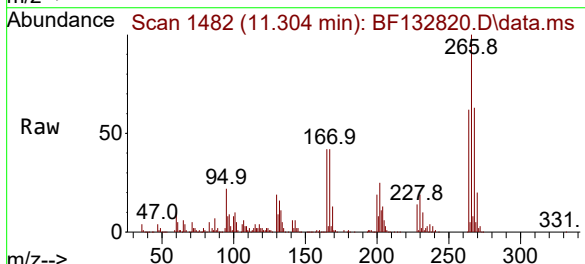
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF031623

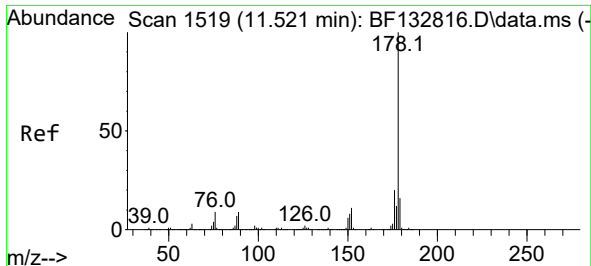
Tgt Ion:200 Resp: 274616  
 Ion Ratio Lower Upper  
 200 100  
 173 25.5 6.5 46.5  
 215 51.7 28.0 68.0



#70  
 Pentachlorophenol  
 Concen: 43.081 ng  
 RT: 11.304 min Scan# 1482  
 Delta R.T. 0.000 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

Tgt Ion:266 Resp: 166296  
 Ion Ratio Lower Upper  
 266 100  
 268 62.9 51.6 77.4  
 264 62.2 51.0 76.4

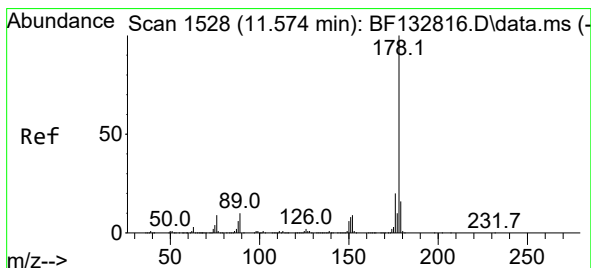
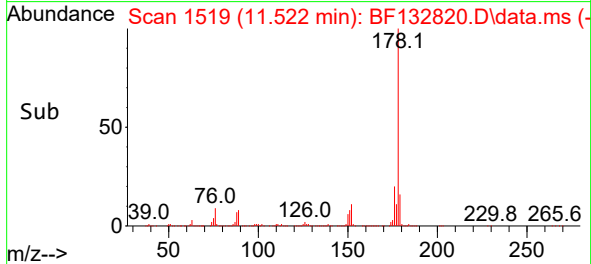
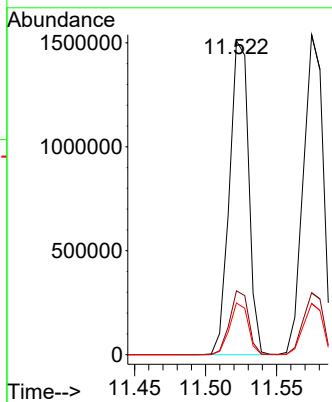
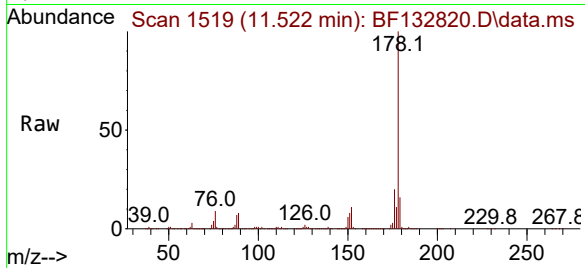




#71  
Phenanthrene  
Concen: 38.103 ng  
RT: 11.522 min Scan# 1519  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

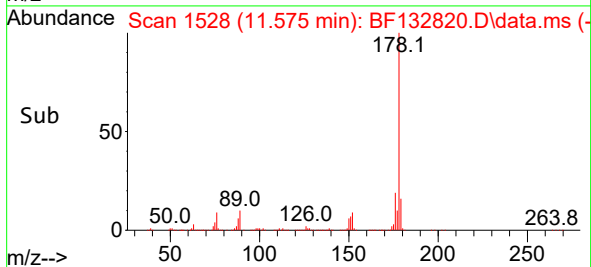
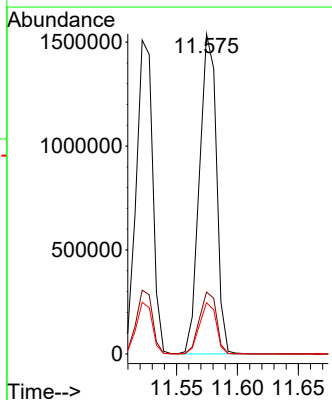
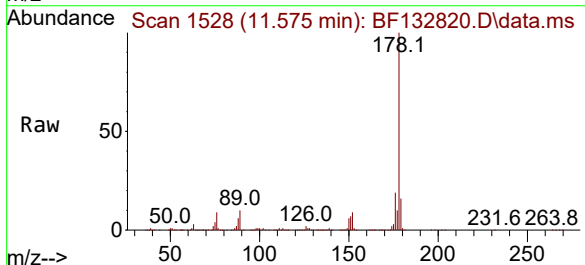
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

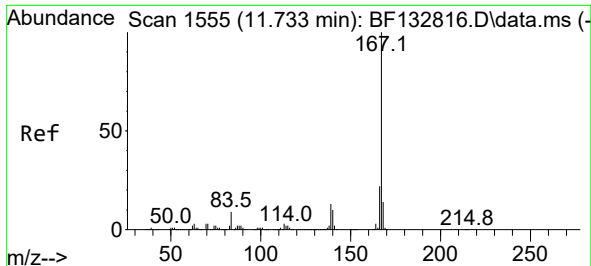
Tgt Ion:178 Resp: 1425151  
Ion Ratio Lower Upper  
178 100  
176 20.4 16.3 24.5  
179 16.5 13.1 19.7



#72  
Anthracene  
Concen: 38.920 ng  
RT: 11.575 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:178 Resp: 1491205  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.7 23.5  
179 16.0 12.8 19.2



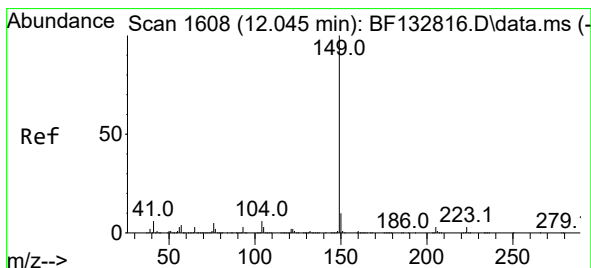
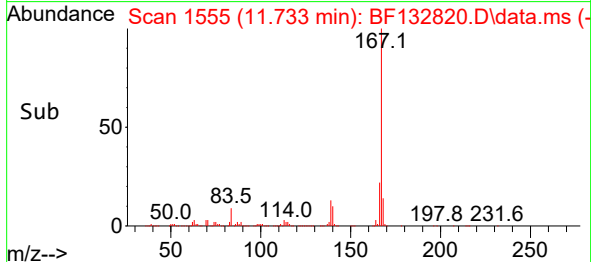
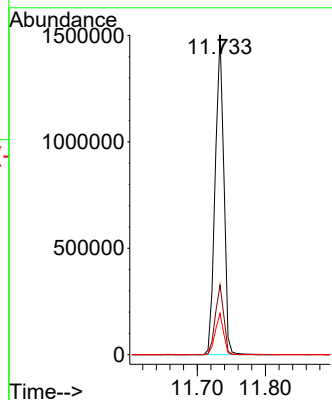
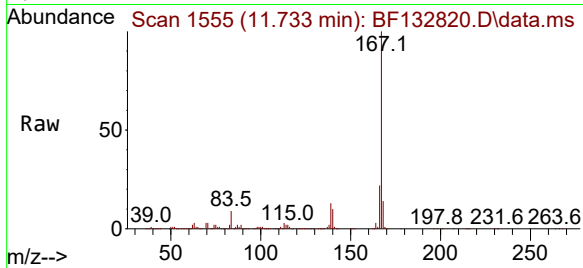


#73  
 Carbazole  
 Concen: 38.532 ng  
 RT: 11.733 min Scan# 1555  
 Delta R.T. 0.000 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF031623

Tgt Ion:167 Resp: 1325546  

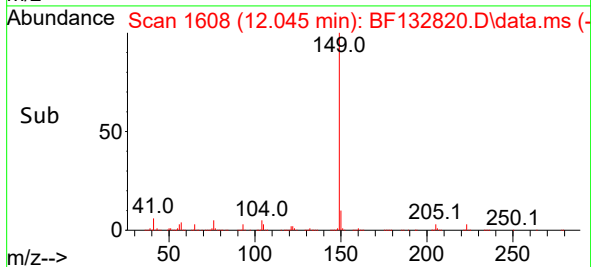
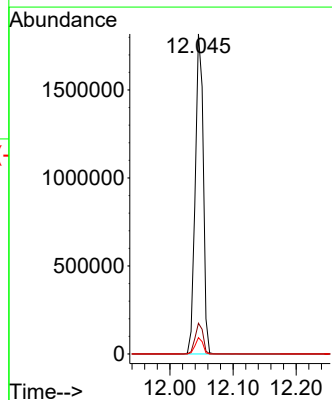
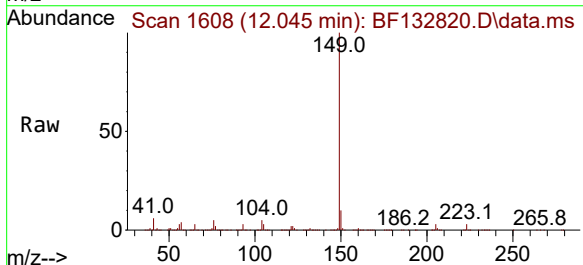
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.8  | 17.6  | 26.4  |
| 139 | 12.9  | 10.2  | 15.2  |

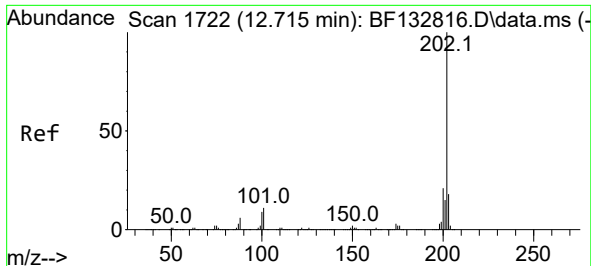


#74  
 Di-n-butylphthalate  
 Concen: 38.948 ng  
 RT: 12.045 min Scan# 1608  
 Delta R.T. 0.000 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

Tgt Ion:149 Resp: 1596270  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.6   | 7.8   | 11.8  |
| 104 | 5.1   | 4.4   | 6.6   |

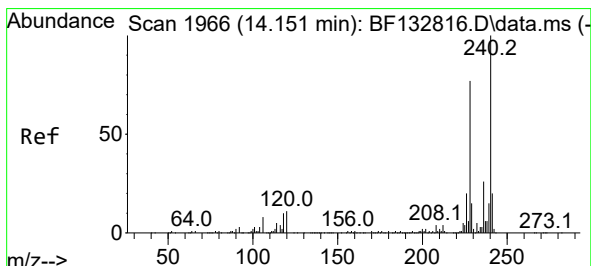
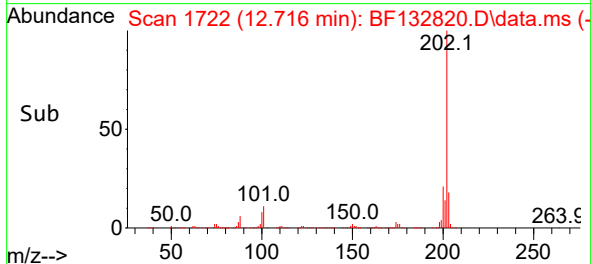
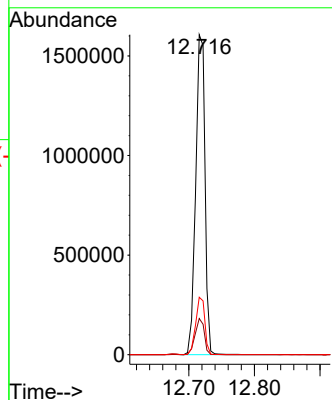
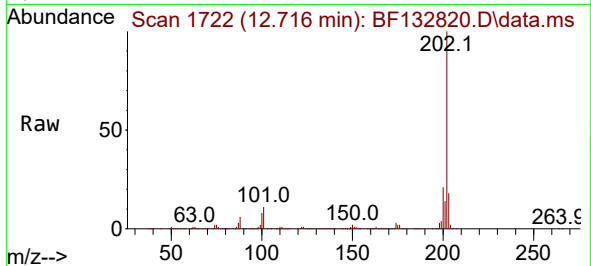




#75  
Fluoranthene  
Concen: 38.985 ng  
RT: 12.716 min Scan# 1722  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

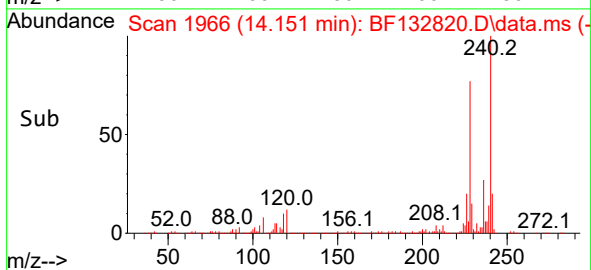
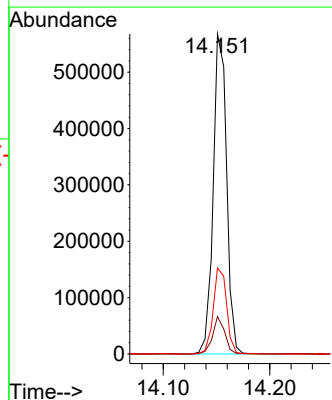
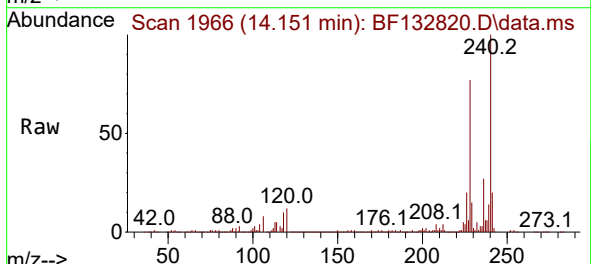
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

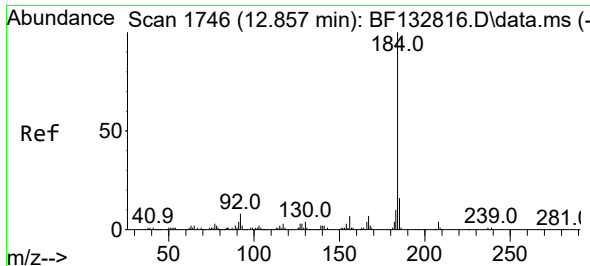
Tgt Ion:202 Resp: 1586840  
Ion Ratio Lower Upper  
202 100  
101 11.3 0.0 31.3  
203 18.0 0.0 38.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.151 min Scan# 1966  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:240 Resp: 496765  
Ion Ratio Lower Upper  
240 100  
120 11.7 9.1 13.7  
236 26.9 21.2 31.8

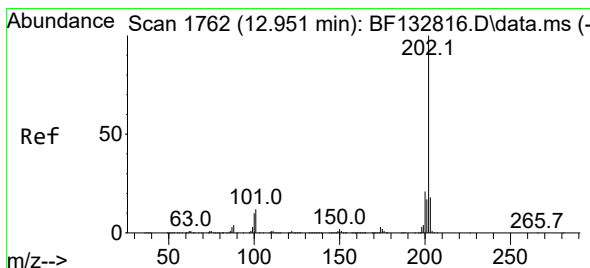
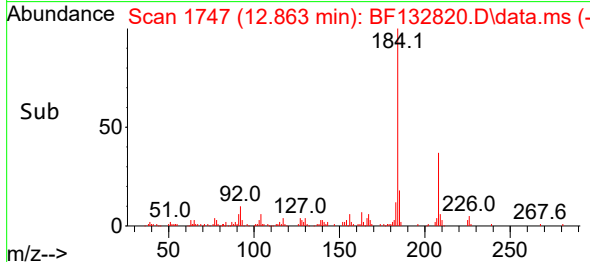
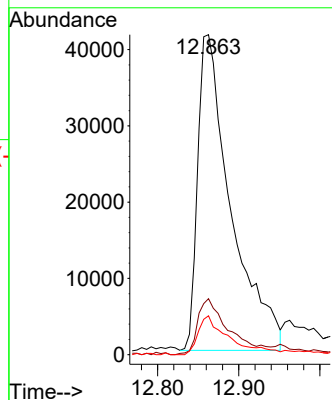
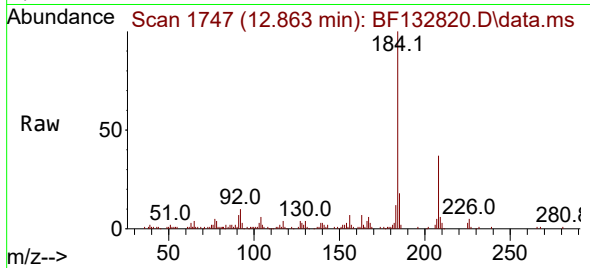




#77  
Benzidine  
Concen: 38.180 ng  
RT: 12.863 min Scan# 1747  
Delta R.T. 0.006 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

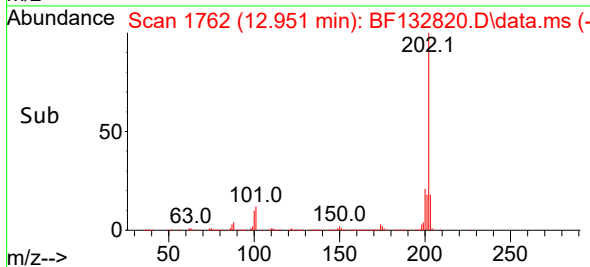
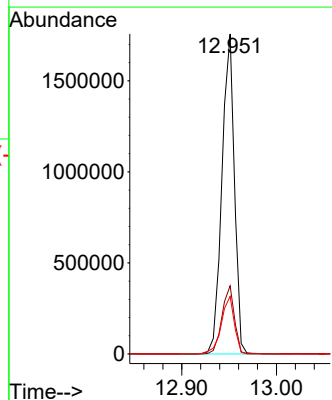
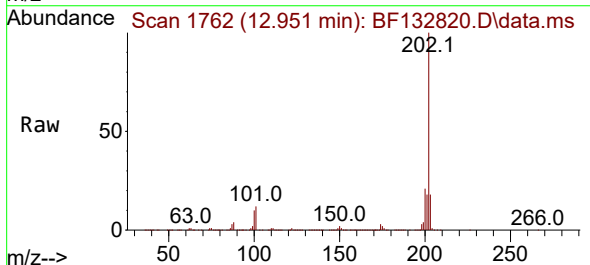
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

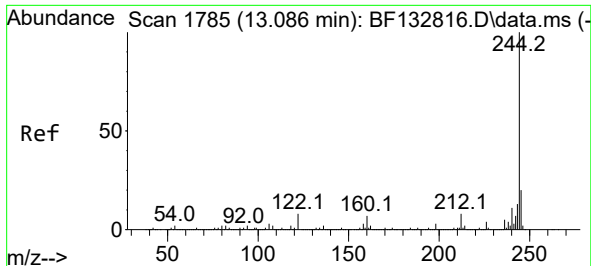
Tgt Ion:184 Resp: 118117  
Ion Ratio Lower Upper  
184 100  
185 17.5 12.6 19.0  
183 12.2 8.2 12.4



#78  
Pyrene  
Concen: 39.093 ng  
RT: 12.951 min Scan# 1762  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:202 Resp: 1614011  
Ion Ratio Lower Upper  
202 100  
200 21.3 16.9 25.3  
203 18.0 14.6 21.8



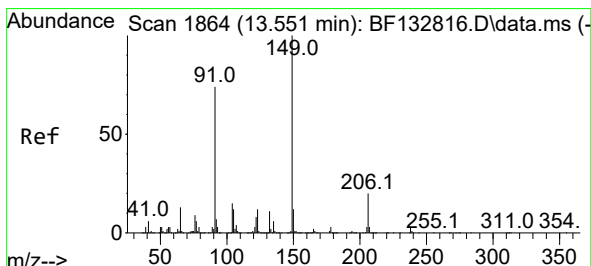
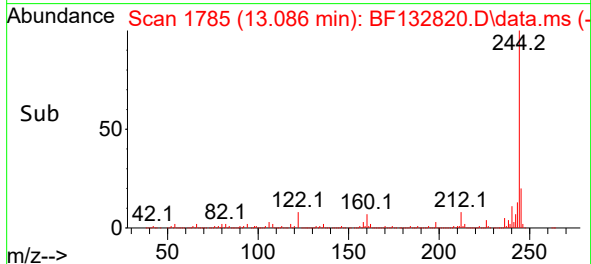
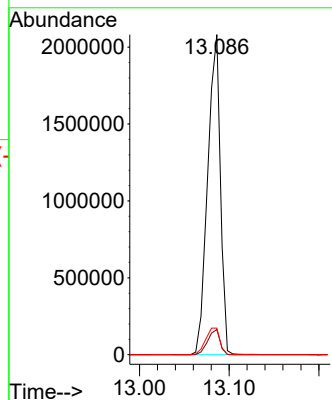
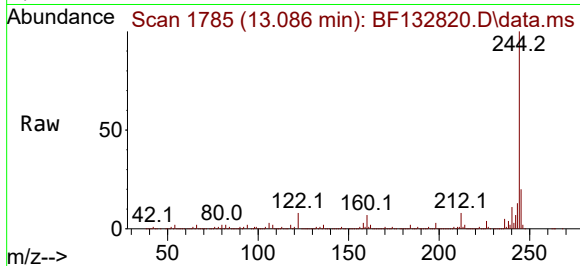


#79  
 Terphenyl-d14  
 Concen: 74.361 ng  
 RT: 13.086 min Scan# 1785  
 Delta R.T. 0.000 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF031623

Tgt Ion:244 Resp: 2045737  

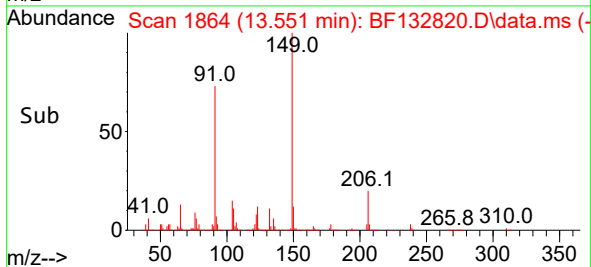
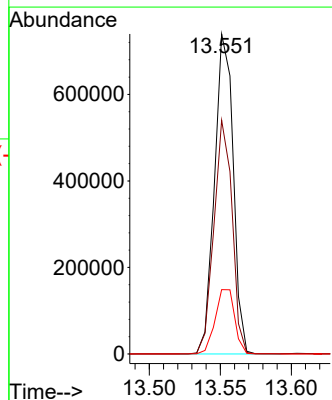
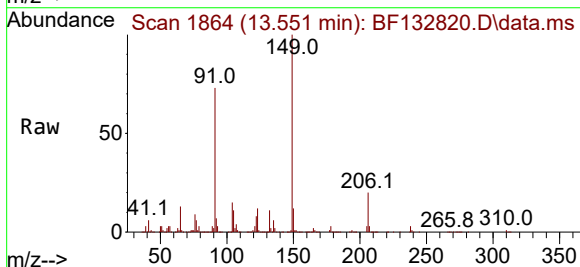
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.9   | 6.3   | 9.5   |
| 122 | 8.3   | 6.6   | 9.8   |

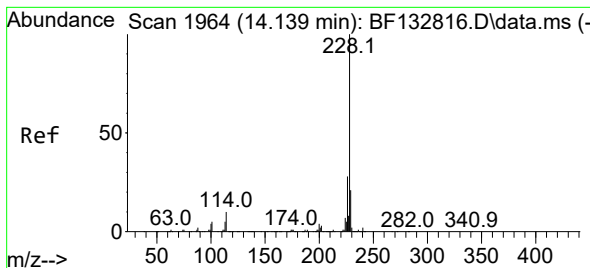


#80  
 Butylbenzylphthalate  
 Concen: 40.114 ng  
 RT: 13.551 min Scan# 1864  
 Delta R.T. 0.000 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

Tgt Ion:149 Resp: 677544  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 73.1  | 59.5  | 89.3  |
| 206 | 20.1  | 16.2  | 24.4  |





#81

Benzo(a)anthracene

Concen: 39.384 ng

RT: 14.139 min Scan# 1964

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA\_F

ClientSampleId :

ICVBF031623

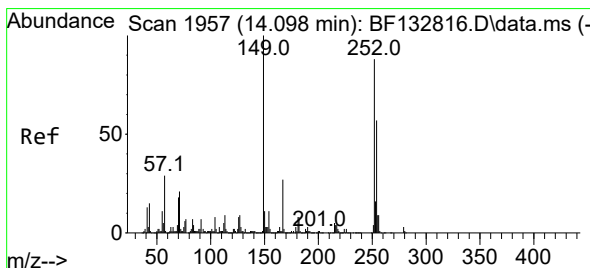
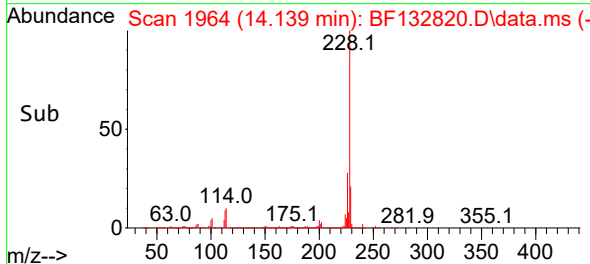
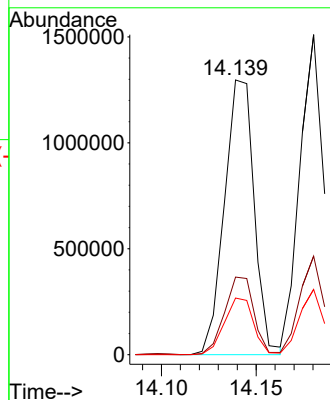
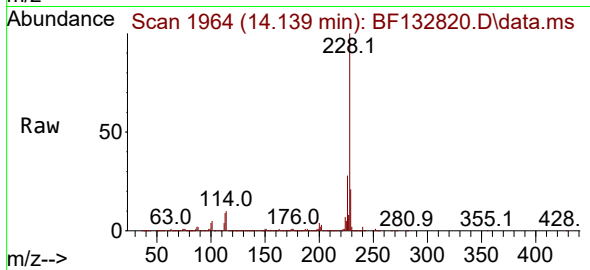
Tgt Ion:228 Resp: 1416148

Ion Ratio Lower Upper

228 100

226 28.3 22.2 33.4

229 20.6 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 37.798 ng

RT: 14.098 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

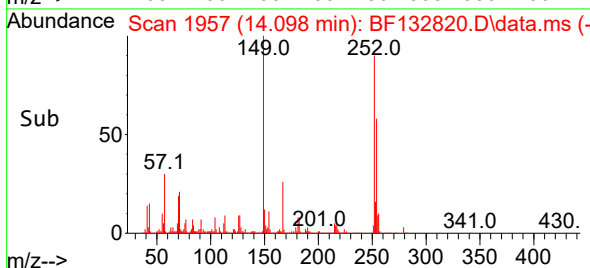
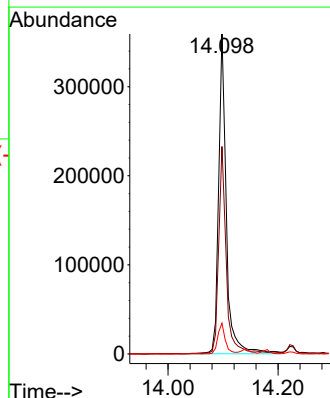
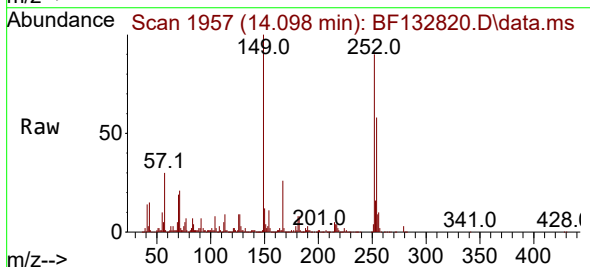
Tgt Ion:252 Resp: 352800

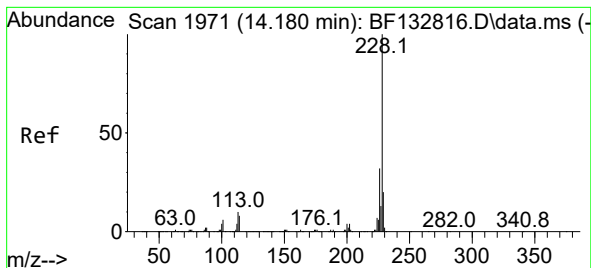
Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.4

126 9.6 7.5 11.3





#83

Chrysene

Concen: 38.885 ng

RT: 14.180 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA\_F

ClientSampleId :

ICVBF031623

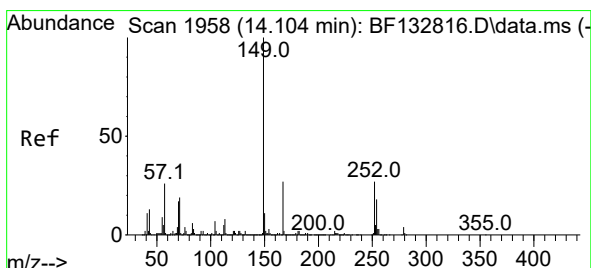
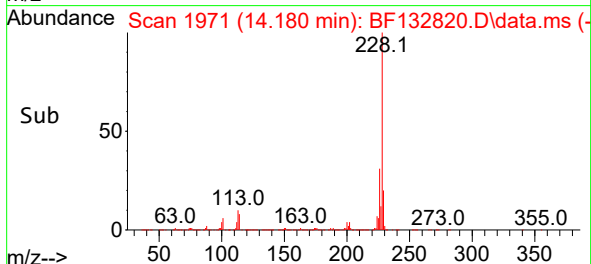
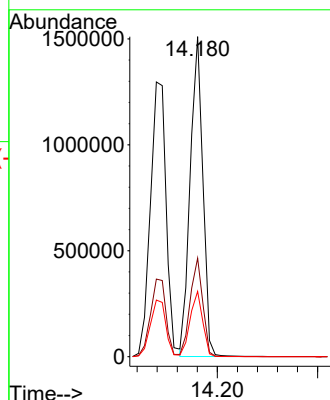
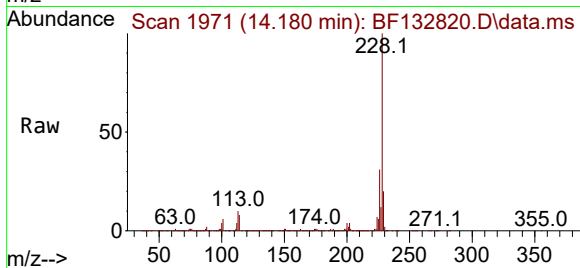
Tgt Ion:228 Resp: 1321241

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

229 20.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.888 ng

RT: 14.104 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

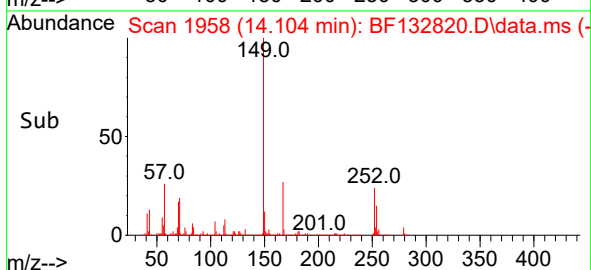
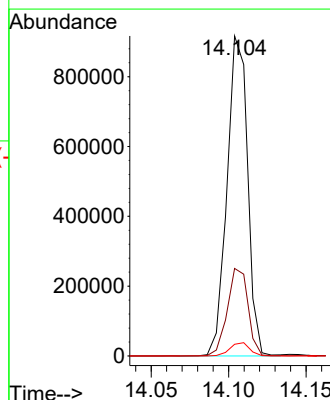
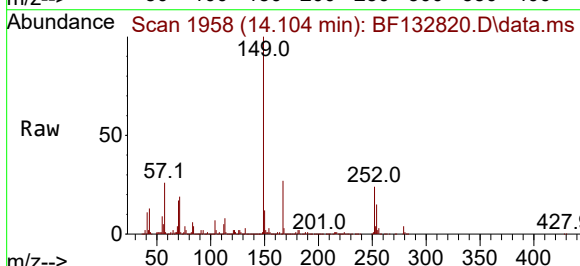
Tgt Ion:149 Resp: 847185

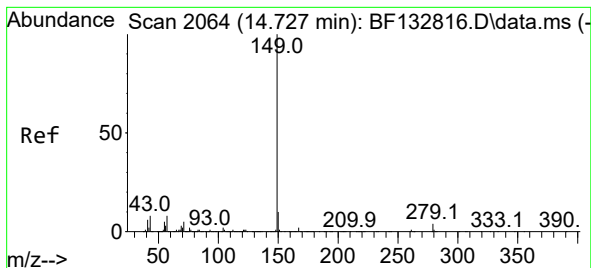
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 39.918 ng

RT: 14.727 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA\_F

ClientSampleId :

ICVBF031623

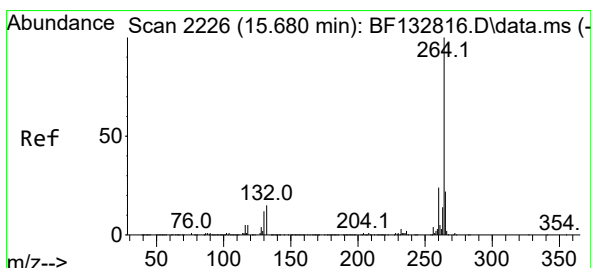
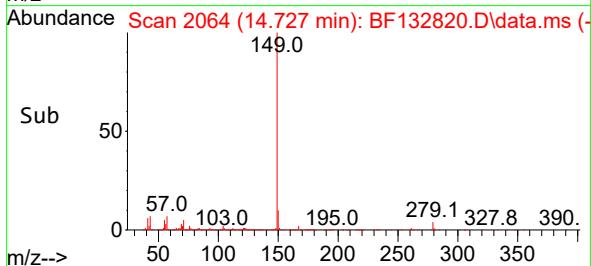
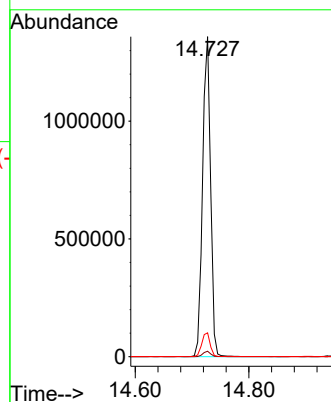
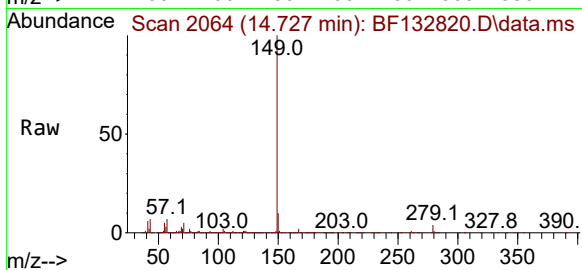
Tgt Ion:149 Resp: 1328183

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.8 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 2225

Delta R.T. -0.006 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

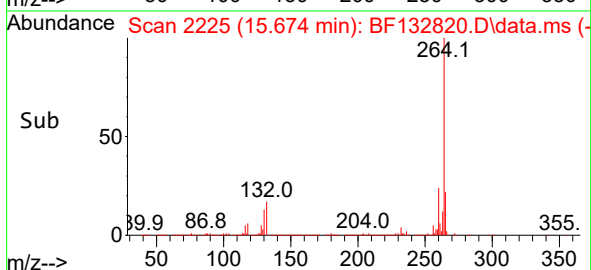
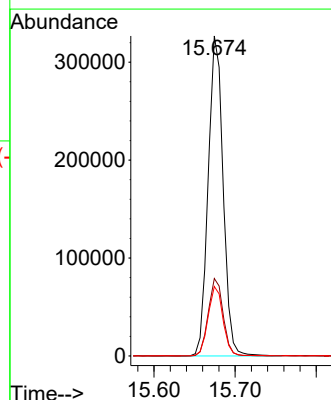
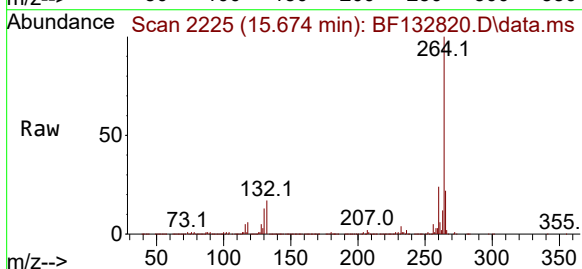
Tgt Ion:264 Resp: 416878

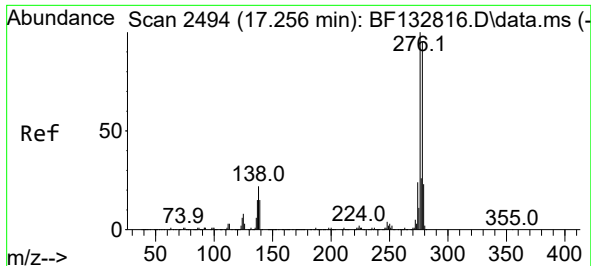
Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.7 17.4 26.0

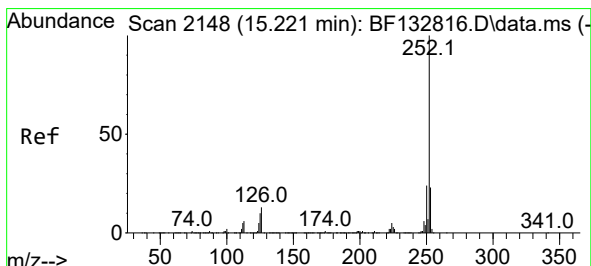
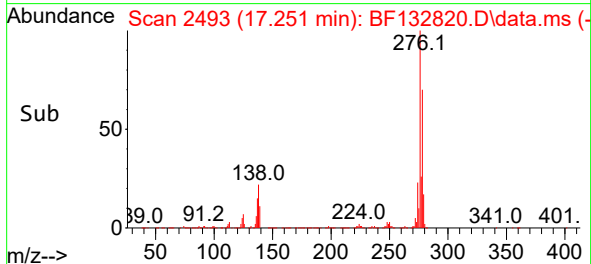
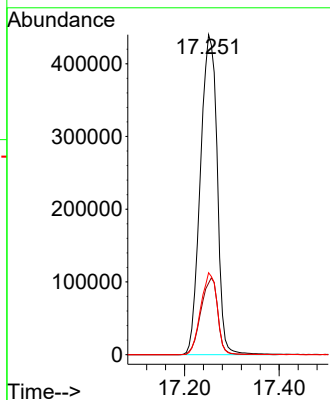
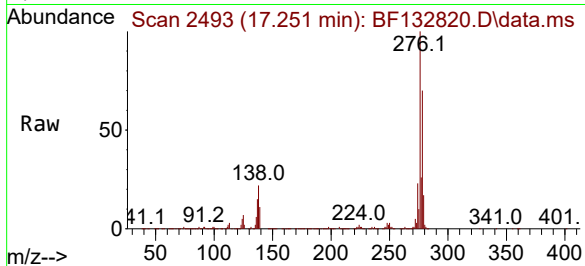




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.368 ng  
 RT: 17.251 min Scan# 2494  
 Delta R.T. -0.006 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

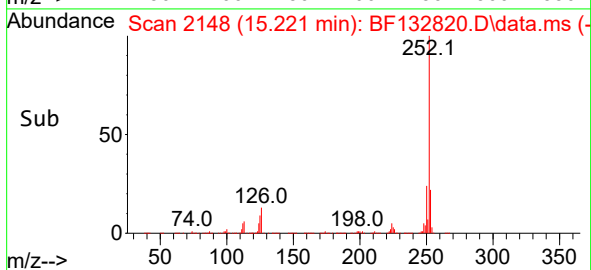
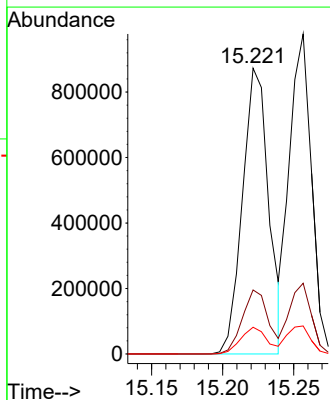
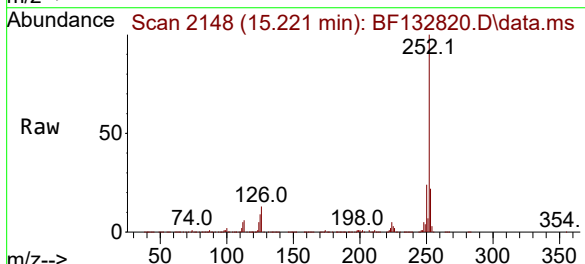
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF031623

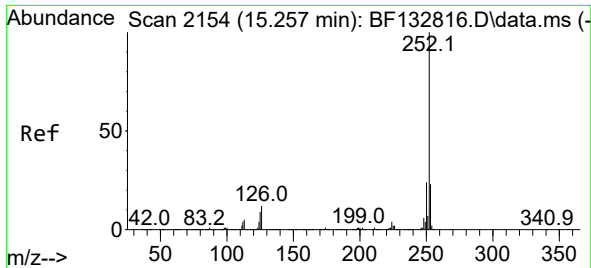
Tgt Ion:276 Resp: 1081032  
 Ion Ratio Lower Upper  
 276 100  
 138 23.8 18.8 28.2  
 277 25.1 20.3 30.5



#88  
 Benzo(b)fluoranthene  
 Concen: 41.259 ng  
 RT: 15.221 min Scan# 2148  
 Delta R.T. 0.000 min  
 Lab File: BF132820.D  
 Acq: 16 Mar 2023 19:02

Tgt Ion:252 Resp: 1121938  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 18.2 27.4  
 125 9.4 7.8 11.8

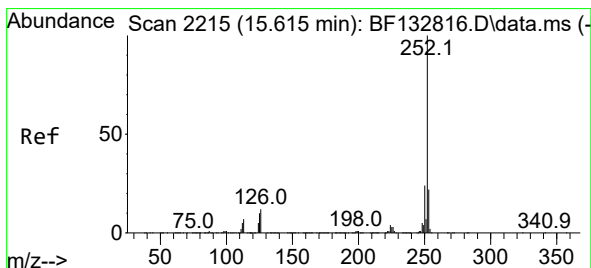
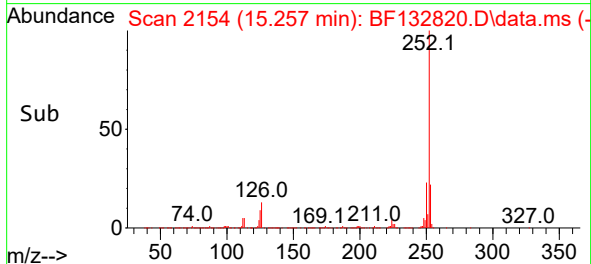
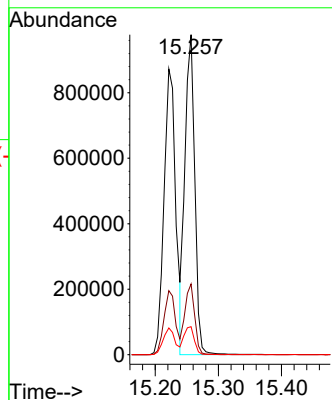
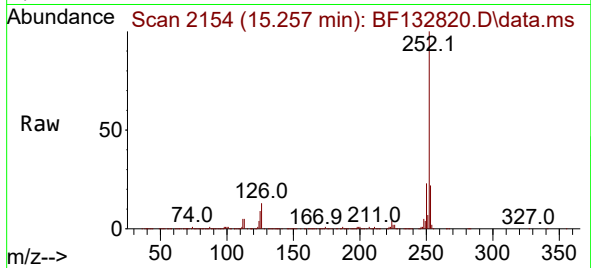




#89  
Benzo(k)fluoranthene  
Concen: 40.087 ng  
RT: 15.257 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

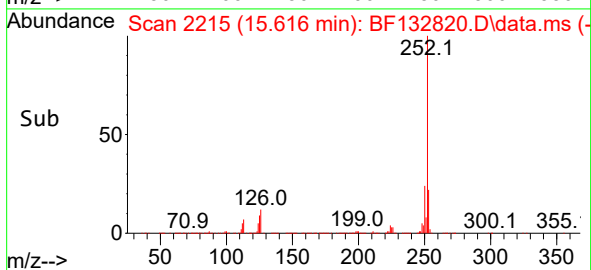
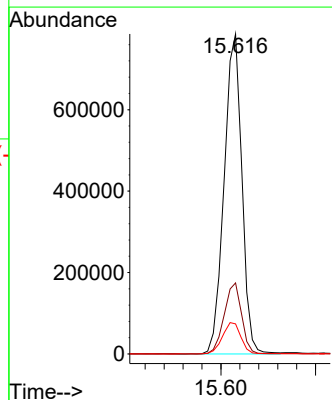
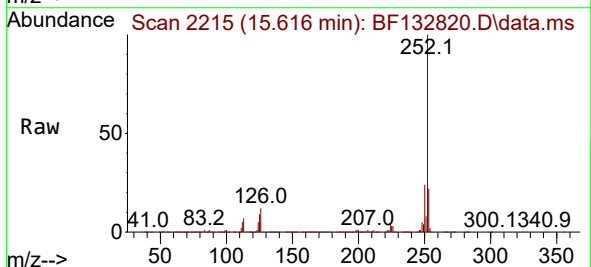
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

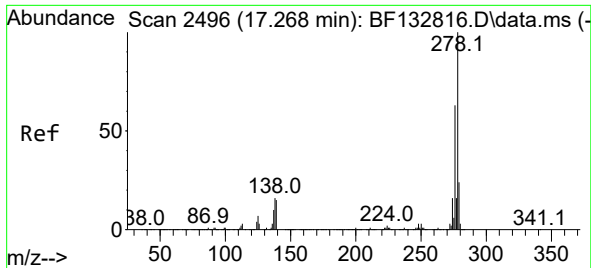
Tgt Ion:252 Resp: 1065281  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.2 27.4  
125 8.8 7.2 10.8



#90  
Benzo(a)pyrene  
Concen: 40.387 ng  
RT: 15.616 min Scan# 2215  
Delta R.T. 0.000 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:252 Resp: 1023828  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.8 26.6  
125 9.4 7.7 11.5

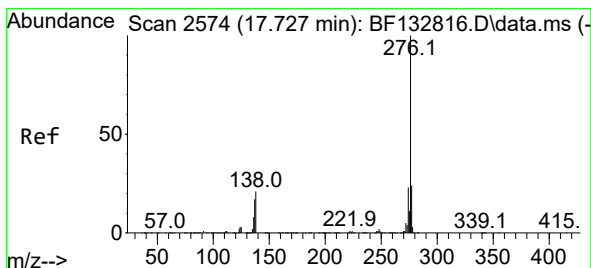
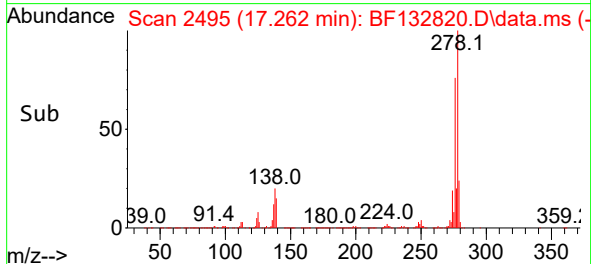
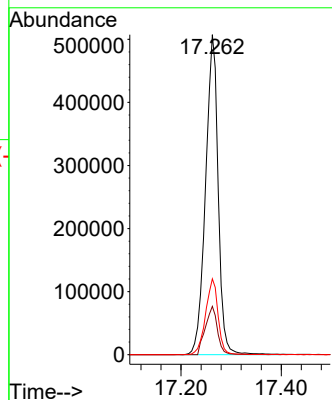
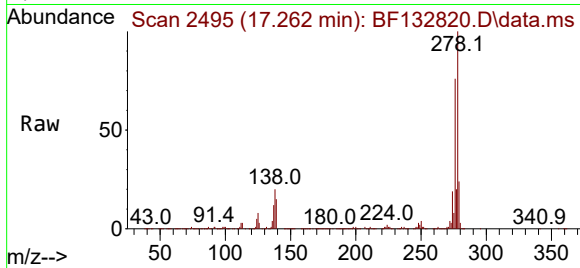




#91  
Dibenzo(a,h)anthracene  
Concen: 41.644 ng  
RT: 17.262 min Scan# 2496  
Delta R.T. -0.006 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031623

Tgt Ion:278 Resp: 888094  
Ion Ratio Lower Upper  
278 100  
139 15.1 11.8 17.8  
279 23.7 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 42.084 ng  
RT: 17.733 min Scan# 2575  
Delta R.T. 0.006 min  
Lab File: BF132820.D  
Acq: 16 Mar 2023 19:02

Tgt Ion:276 Resp: 937744  
Ion Ratio Lower Upper  
276 100  
277 23.2 19.0 28.6  
138 20.0 16.8 25.2

