

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122122\  
 Data File : BF131760.D  
 Acq On : 21 Dec 2022 23:03  
 Operator : CG\JU  
 Sample : N6129-02MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Dec 22 05:51:41 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 03:12:37 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 84877    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 307375   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 177876   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 353223   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 231861   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.557 | 264  | 184881   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 746597   | 148.118 | ng    | 0.03     |
| 7) Phenol-d6                  | 6.510  | 99   | 941928   | 138.837 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 731077   | 96.556  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 321679   | 165.224 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1240986  | 97.731  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 1534504  | 103.146 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.840  | 88   | 111056   | 47.148  | ng    | # 84     |
| 3) Pyridine                   | 3.540  | 79   | 261465   | 38.929  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.487  | 42   | 154950   | 50.991  | ng    | 95       |
| 6) Aniline                    | 6.534  | 93   | 170831   | 20.396  | ng    | 92       |
| 8) 2-Chlorophenol             | 6.651  | 128  | 280409   | 51.794  | ng    | 99       |
| 9) Benzaldehyde               | 6.422  | 77   | 130078   | 31.900  | ng    | 96       |
| 10) Phenol                    | 6.522  | 94   | 365110   | 45.074  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 351347   | 60.613  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.804  | 146  | 293593   | 47.974  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.887  | 146  | 296223   | 47.353  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.034  | 146  | 286833   | 48.972  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 272056   | 44.896  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 376993   | 51.006  | ng    | 89       |
| 17) 2-Methylphenol            | 7.128  | 107  | 268241   | 52.484  | ng    | 94       |
| 18) Hexachloroethane          | 7.381  | 117  | 122705   | 49.482  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 245075   | 50.087  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 314201   | 47.766  | ng    | 92       |
| 22) Acetophenone              | 7.281  | 105  | 458166   | 51.077  | ng    | # 93     |
| 24) Nitrobenzene              | 7.457  | 77   | 379084   | 49.249  | ng    | 96       |
| 25) Isophorone                | 7.698  | 82   | 683581   | 53.162  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 151480   | 50.355  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 251962   | 58.807  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 384165   | 56.262  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 258033   | 49.886  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 297722   | 48.962  | ng    | 98       |
| 31) Naphthalene               | 8.181  | 128  | 807118   | 48.081  | ng    | 100      |
| 32) Benzoic acid              | 7.951  | 122  | 181184   | 52.829  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 65959    | 10.075  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 193691   | 47.344  | ng    | 100      |
| 35) Caprolactam               | 8.616  | 113  | 40051    | 25.680  | ng    | 85       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 303921   | 51.437  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 559663   | 48.876  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 514562   | 46.398  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 318307   | 52.304  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 373582   | 135.496 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 202830   | 51.021  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122122\  
 Data File : BF131760.D  
 Acq On : 21 Dec 2022 23:03  
 Operator : CG\JU  
 Sample : N6129-02MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

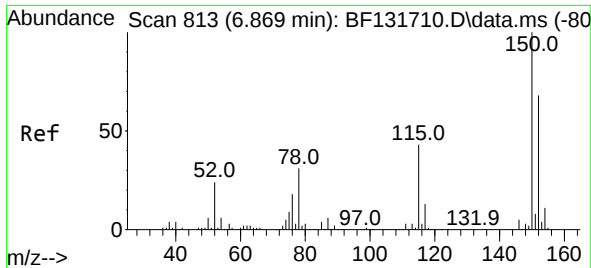
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Dec 22 05:51:41 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 03:12:37 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 226210   | 52.562  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 708242   | 52.934  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 561001   | 51.205  | ng    | 98       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 203130   | 51.440  | ng    | 97       |
| 49) Acenaphthylene            | 9.786  | 152  | 848485   | 51.634  | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 701956   | 52.446  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 151092   | 52.500  | ng    | 96       |
| 52) Acenaphthene              | 9.957  | 154  | 515950   | 51.254  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.880  | 138  | 82404    | 27.984  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 199184   | 115.507 | ng    | 99       |
| 55) Dibenzofuran              | 10.128 | 168  | 786120   | 50.927  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.057 | 139  | 210225   | 99.745  | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 208780   | 53.987  | ng    | 94       |
| 58) Fluorene                  | 10.475 | 166  | 630535   | 50.522  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 181090   | 50.403  | ng    | 95       |
| 60) Diethylphthalate          | 10.351 | 149  | 670316   | 51.976  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 345718   | 52.119  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 142911   | 48.221  | ng    | 99       |
| 63) Azobenzene                | 10.628 | 77   | 728772   | 51.459  | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198  | 126642   | 52.222  | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 542598   | 49.535  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 210916   | 50.557  | ng    | 96       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 230393   | 50.214  | ng    | 100      |
| 69) Atrazine                  | 11.116 | 200  | 200890   | 55.018  | ng    | 97       |
| 70) Pentachlorophenol         | 11.216 | 266  | 274303   | 112.641 | ng    | 98       |
| 71) Phenanthrene              | 11.439 | 178  | 948358   | 49.238  | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 955823   | 50.683  | ng    | 99       |
| 73) Carbazole                 | 11.651 | 167  | 826637   | 50.664  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 1040723  | 51.225  | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 1047586  | 48.837  | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 125885   | 29.609  | ng    | 98       |
| 78) Pyrene                    | 12.863 | 202  | 1068517  | 50.687  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 417010   | 56.087  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 864487   | 51.769  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.021 | 252  | 196527   | 42.153  | ng    | # 99     |
| 83) Chrysene                  | 14.092 | 228  | 815369   | 51.733  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 565883   | 63.828  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 849939   | 68.678  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.074 | 276  | 669084   | 53.879  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 670795   | 51.284  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 677091   | 53.049  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.498 | 252  | 564476   | 54.482  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.092 | 278  | 554866   | 54.068  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.533 | 276  | 557227   | 54.935  | ng    | 98       |

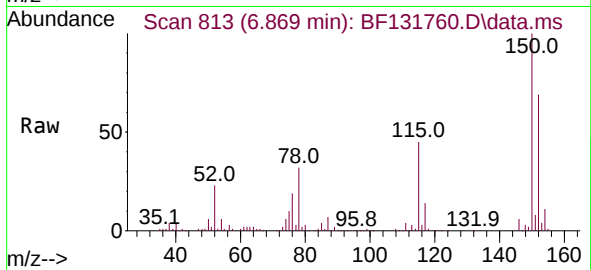
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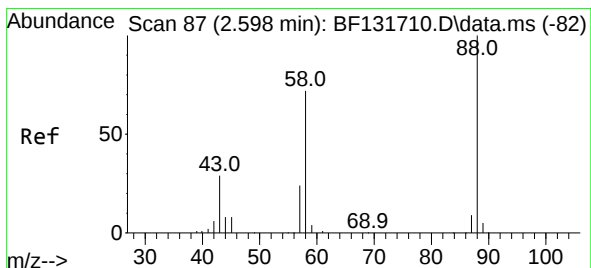
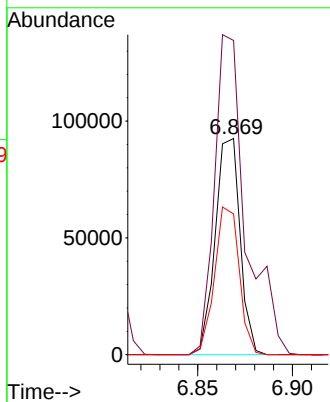
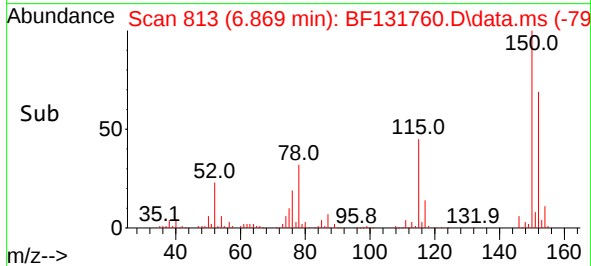


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.869 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF131760.D  
 Acq: 21 Dec 2022 23:03

Instrument :  
 BNA\_F  
 ClientSampleId :

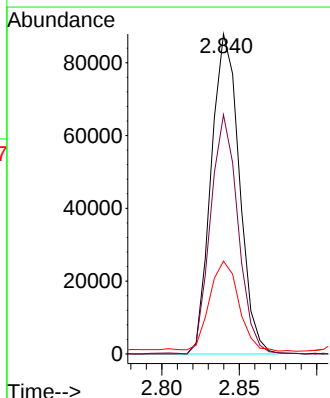
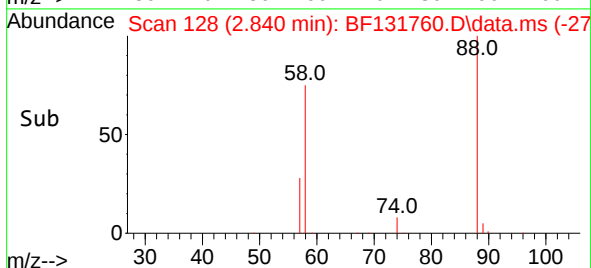
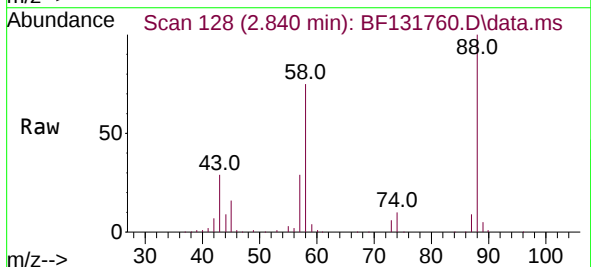


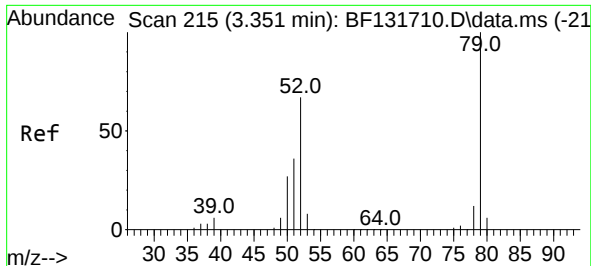
Tgt Ion:152 Resp: 84877  
 Ion Ratio Lower Upper  
 152 100  
 150 145.3 117.4 176.0  
 115 65.2 50.2 75.4



#2  
 1,4-Dioxane  
 Concen: 47.148 ng  
 RT: 2.840 min Scan# 128  
 Delta R.T. 0.241 min  
 Lab File: BF131760.D  
 Acq: 21 Dec 2022 23:03

Tgt Ion: 88 Resp: 111056  
 Ion Ratio Lower Upper  
 88 100  
 58 72.2 57.5 86.3  
 43 0.0 23.3 34.9#

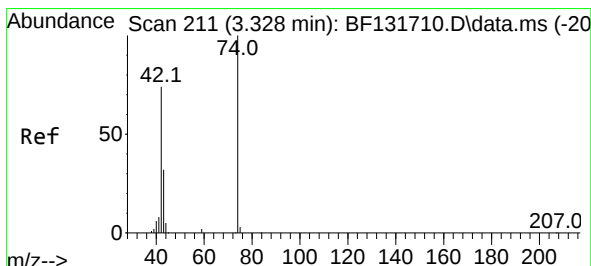
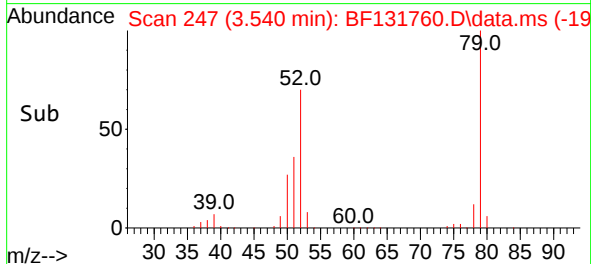
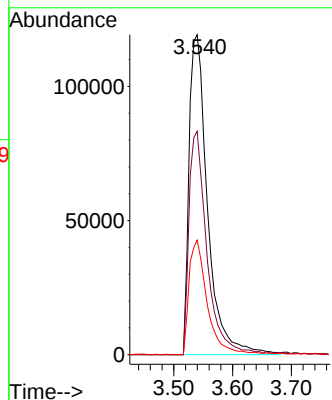
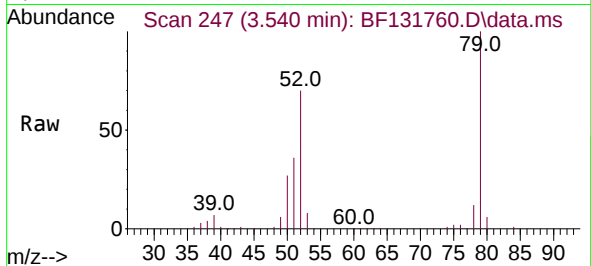




#3  
 Pyridine  
 Concen: 38.929 ng  
 RT: 3.540 min Scan# 24  
 Delta R.T. 0.188 min  
 Lab File: BF131760.D  
 Acq: 21 Dec 2022 23:03

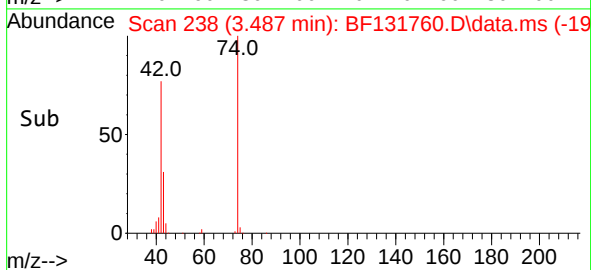
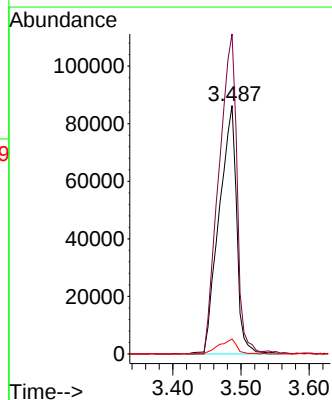
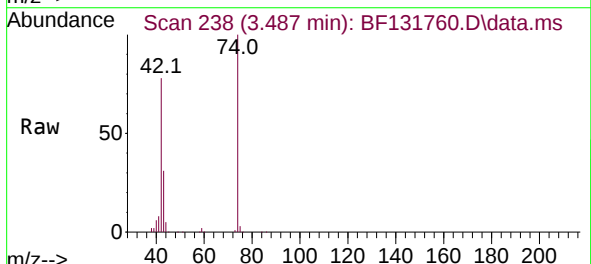
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 BNA\_F  
 ClientSampleId :

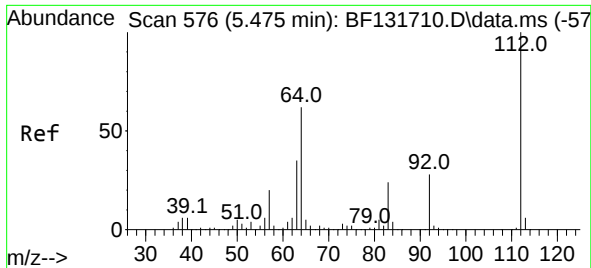
Tgt Ion: 79 Resp: 261465  
 Ion Ratio Lower Upper  
 79 100  
 52 69.8 53.7 80.5  
 51 35.8 28.6 42.8



#4  
 n-Nitrosodimethylamine  
 Concen: 50.991 ng  
 RT: 3.487 min Scan# 238  
 Delta R.T. 0.159 min  
 Lab File: BF131760.D  
 Acq: 21 Dec 2022 23:03

Tgt Ion: 42 Resp: 154950  
 Ion Ratio Lower Upper  
 42 100  
 74 128.9 107.8 161.8  
 44 6.1 5.5 8.3

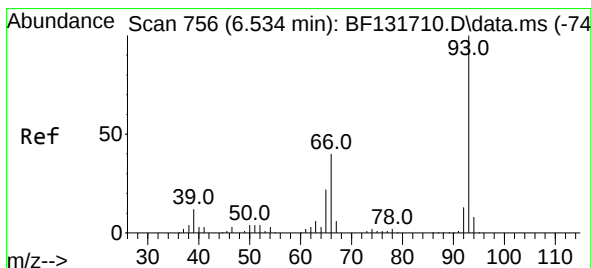
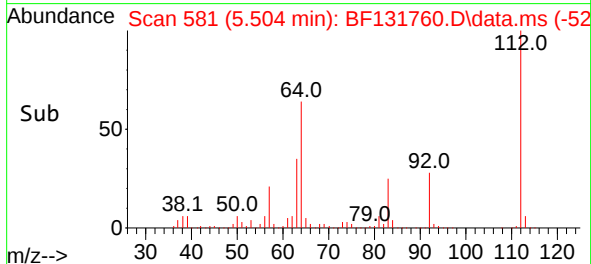
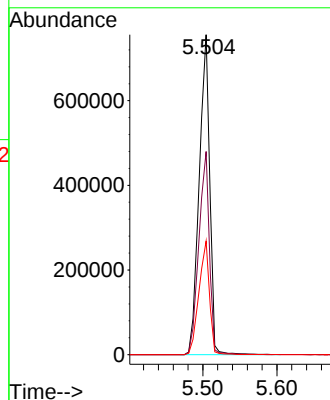
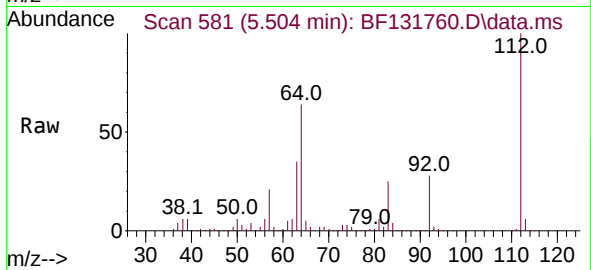




#5  
2-Fluorophenol  
Concen: 148.118 ng  
RT: 5.504 min Scan# 581  
Delta R.T. 0.030 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

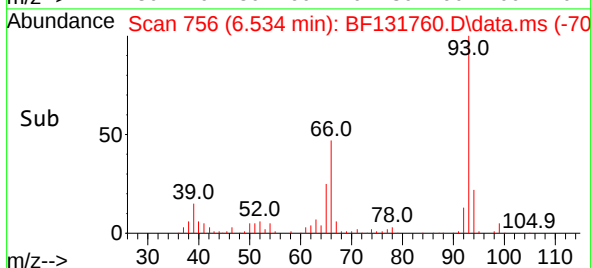
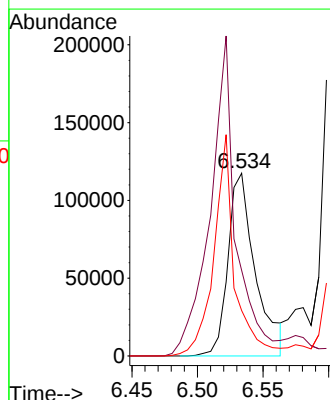
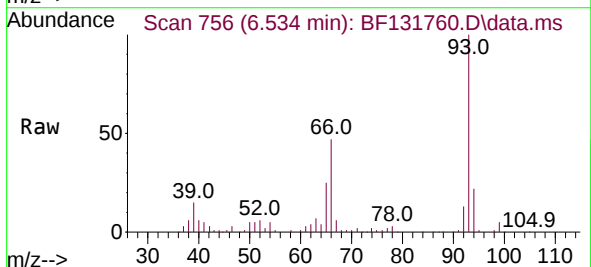
Instrument :  
BNA\_F  
ClientSampleId :

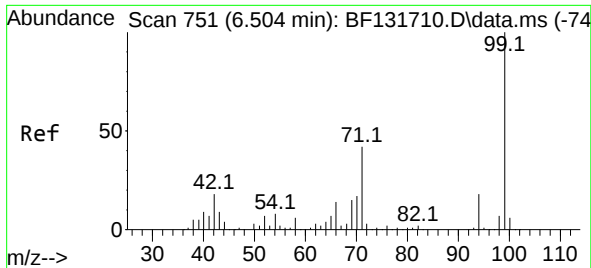
Tgt Ion:112 Resp: 746597  
Ion Ratio Lower Upper  
112 100  
64 63.5 49.5 74.3  
63 35.5 28.2 42.2



#6  
Aniline  
Concen: 20.396 ng  
RT: 6.534 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion: 93 Resp: 170831  
Ion Ratio Lower Upper  
93 100  
66 46.9 32.8 49.2  
65 24.9 17.4 26.2

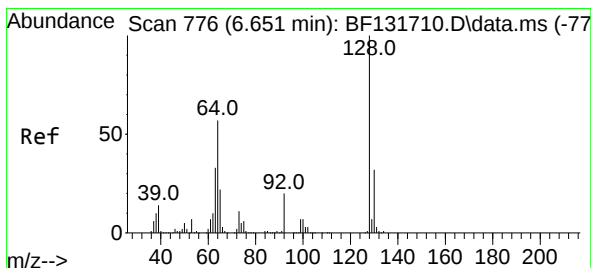
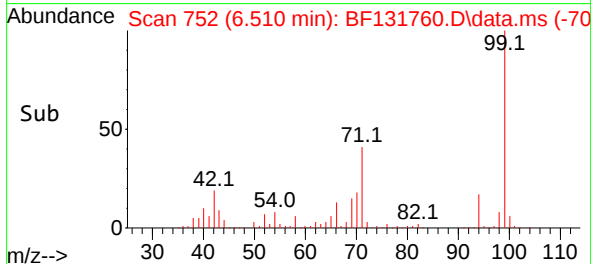
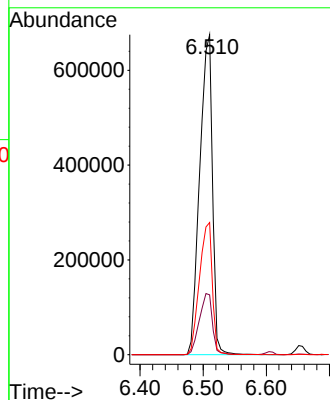
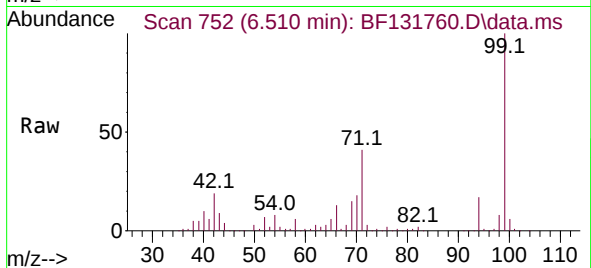




#7  
Phenol-d6  
Concen: 138.837 ng  
RT: 6.510 min Scan# 751  
Delta R.T. 0.006 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

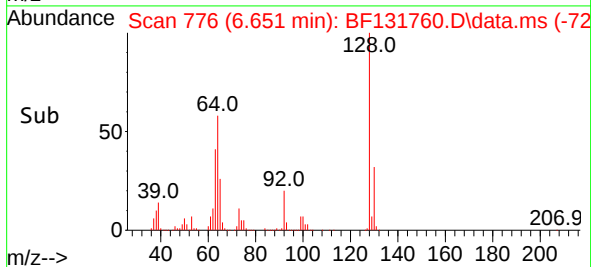
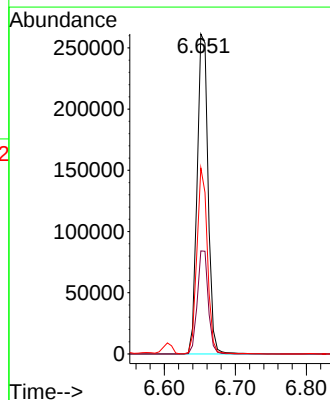
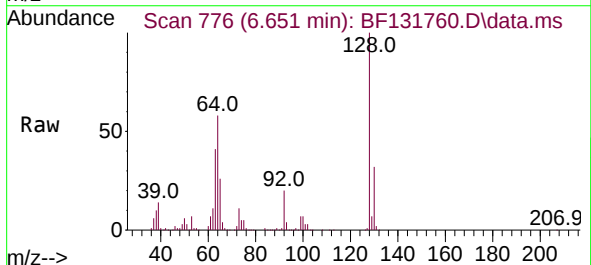
Instrument :  
BNA\_F  
ClientSampleId :

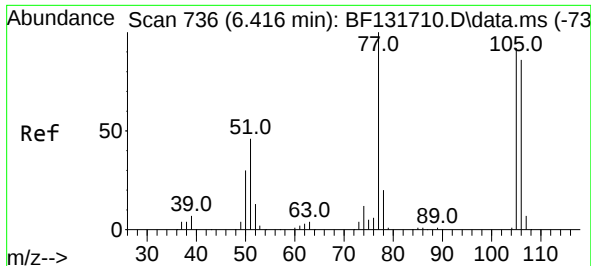
Tgt Ion: 99 Resp: 941928  
Ion Ratio Lower Upper  
99 100  
42 18.7 14.8 22.2  
71 41.3 33.8 50.6



#8  
2-Chlorophenol  
Concen: 51.794 ng  
RT: 6.651 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion:128 Resp: 280409  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.0 52.0  
64 58.2 37.7 77.7

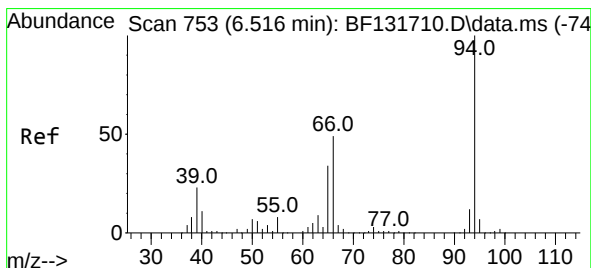
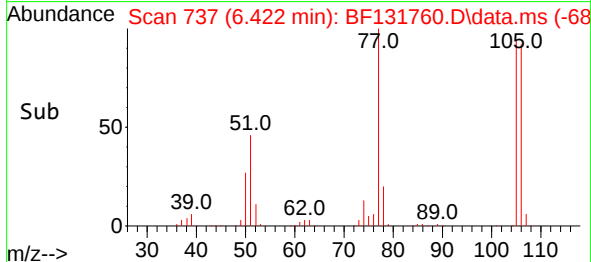
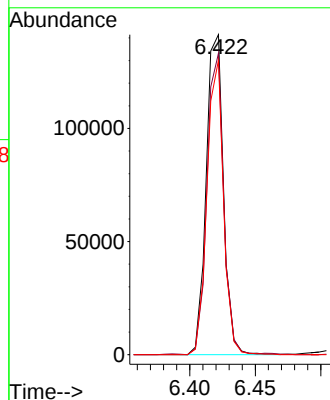
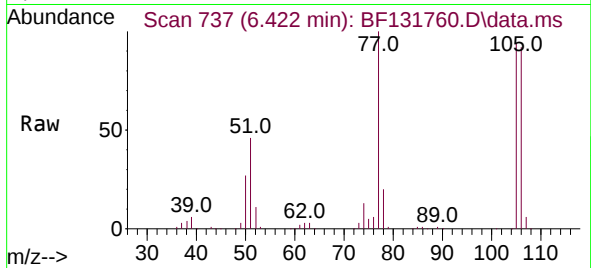




#9  
Benzaldehyde  
Concen: 31.900 ng  
RT: 6.422 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

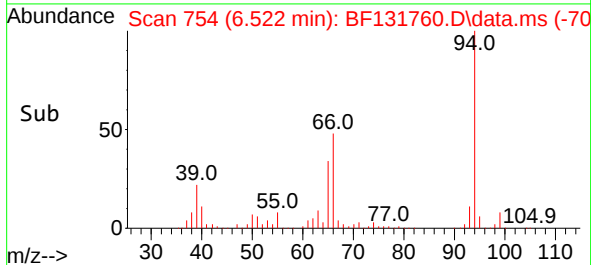
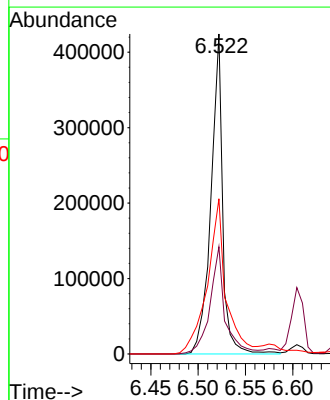
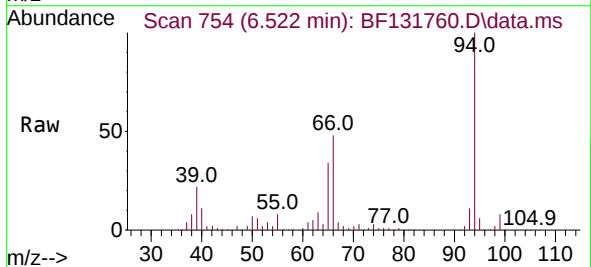
Instrument :  
BNA\_F  
ClientSampleId :

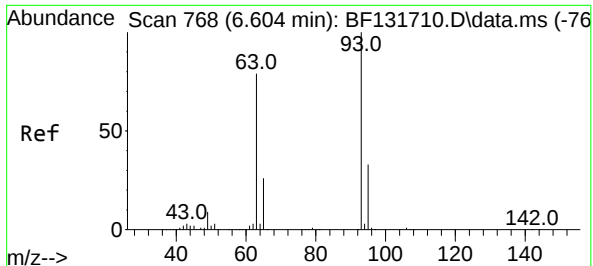
Tgt Ion: 77 Resp: 130078  
Ion Ratio Lower Upper  
77 100  
105 94.2 72.4 112.4  
106 92.0 66.5 106.5



#10  
Phenol  
Concen: 45.074 ng  
RT: 6.522 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion: 94 Resp: 365110  
Ion Ratio Lower Upper  
94 100  
65 33.5 14.0 54.0  
66 48.5 28.8 68.8





#11

bis(2-Chloroethyl)ether

Concen: 60.613 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

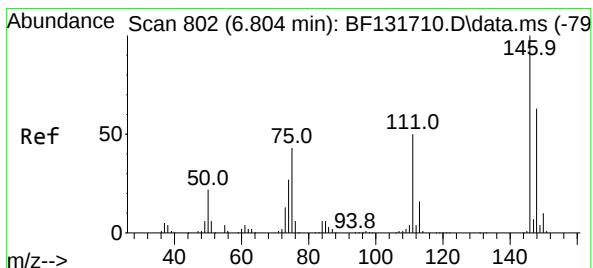
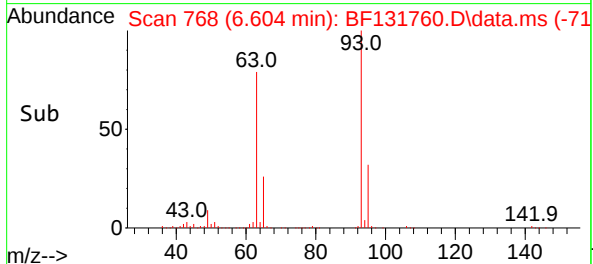
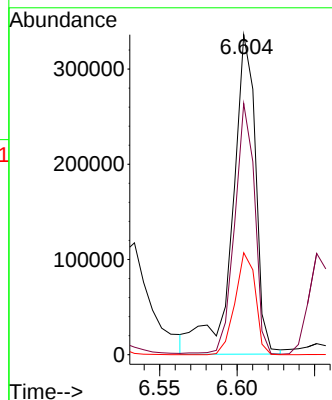
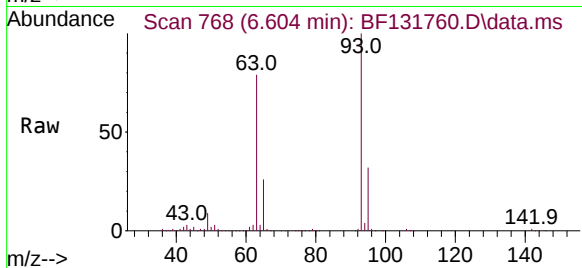
Tgt Ion: 93 Resp: 351347

Ion Ratio Lower Upper

93 100

63 78.5 59.0 99.0

95 31.9 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 47.974 ng

RT: 6.804 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

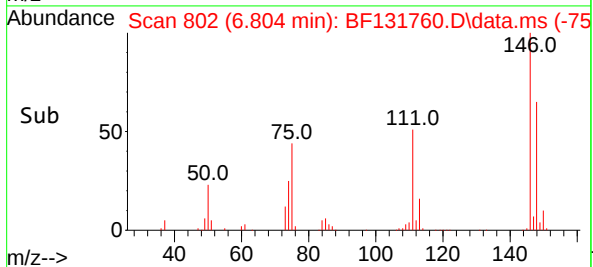
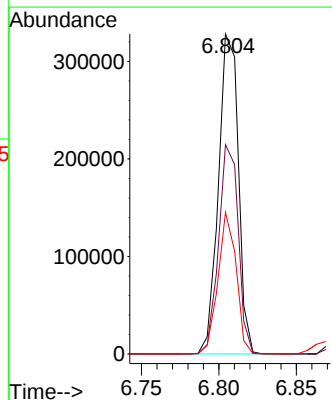
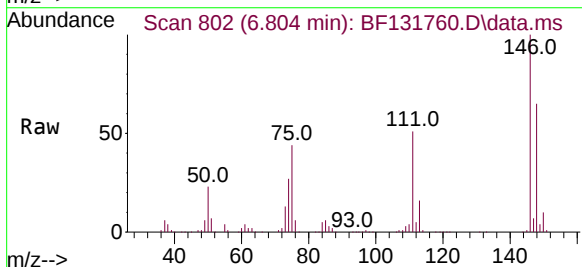
Tgt Ion: 146 Resp: 293593

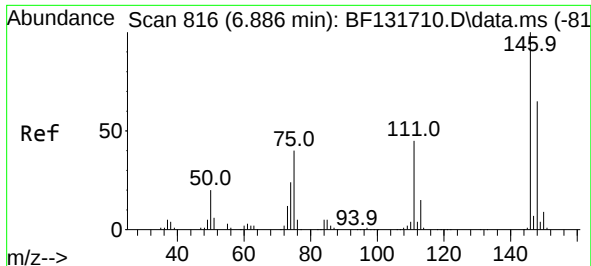
Ion Ratio Lower Upper

146 100

148 65.4 50.6 76.0

75 44.2 34.3 51.5

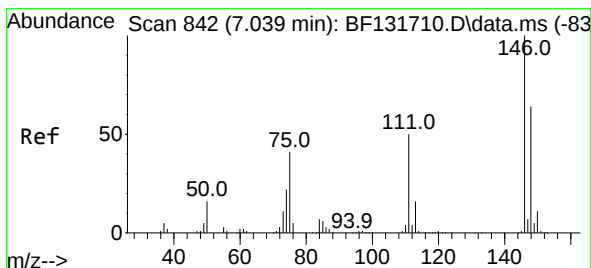
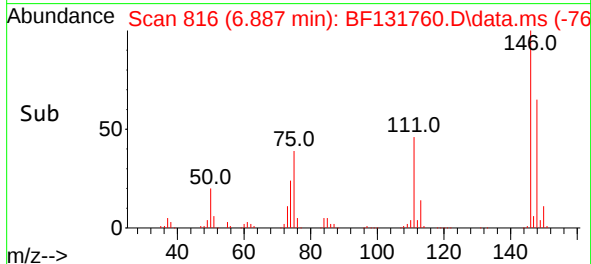
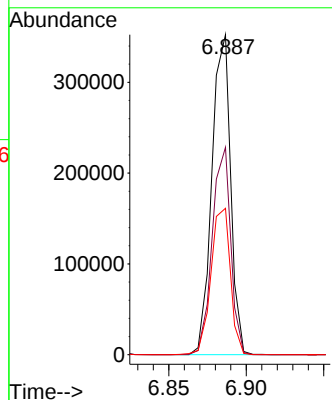
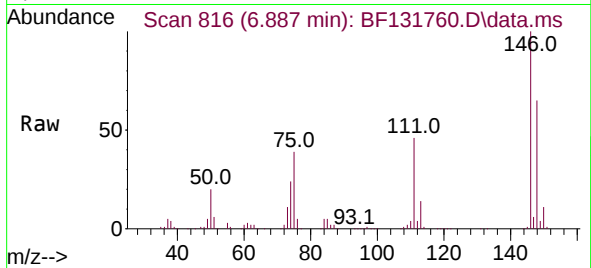




#13  
1,4-Dichlorobenzene  
Concen: 47.353 ng  
RT: 6.887 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

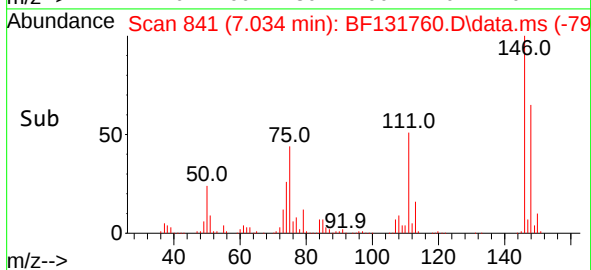
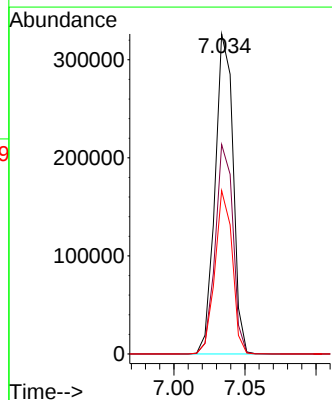
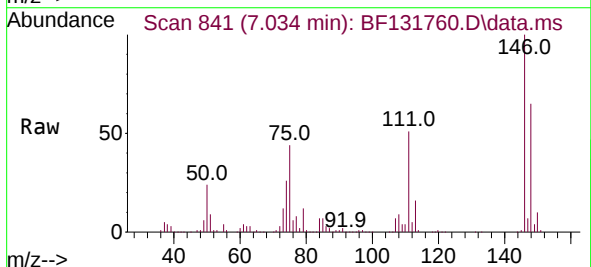
Instrument :  
BNA\_F  
ClientSampleId :

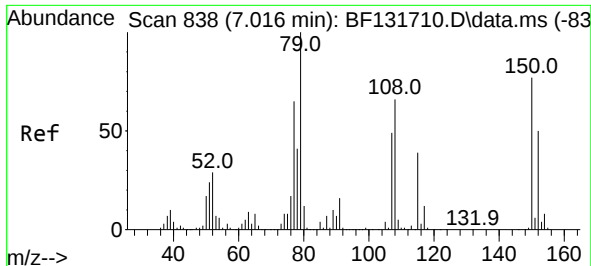
Tgt Ion:146 Resp: 296223  
Ion Ratio Lower Upper  
146 100  
148 64.8 52.2 78.4  
111 45.8 36.4 54.6



#14  
1,2-Dichlorobenzene  
Concen: 48.972 ng  
RT: 7.034 min Scan# 841  
Delta R.T. -0.006 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

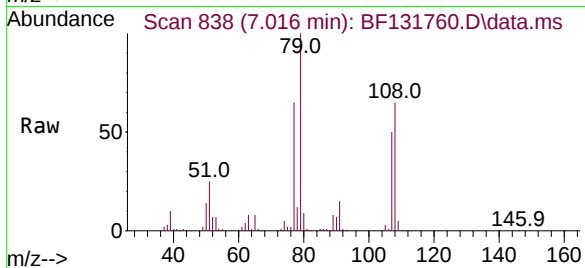
Tgt Ion:146 Resp: 286833  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.4 77.0  
111 51.1 39.8 59.6



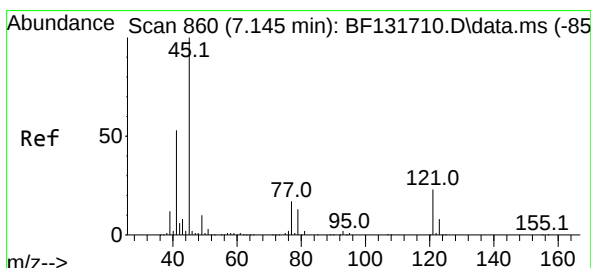
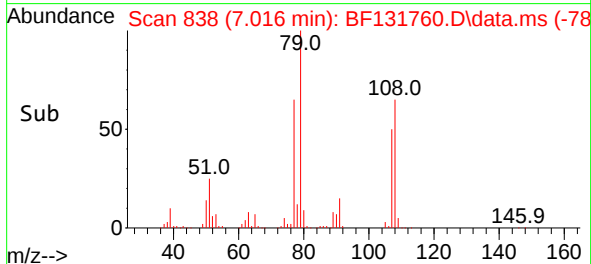
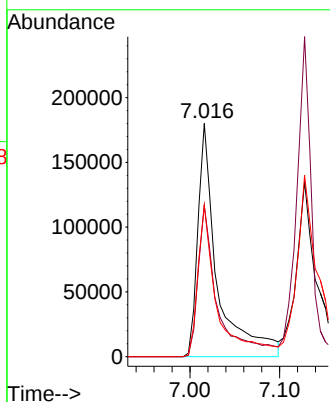


#15  
Benzyl Alcohol  
Concen: 44.896 ng  
RT: 7.016 min Scan# 838  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Instrument :  
BNA\_F  
ClientSampleId :

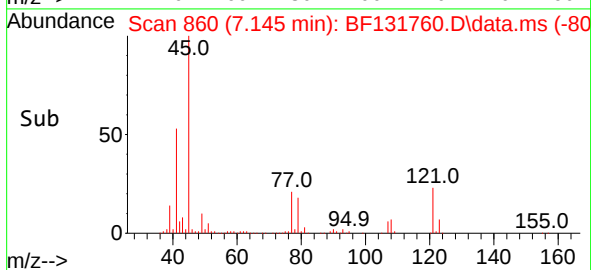
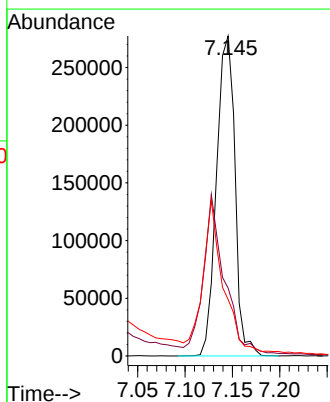
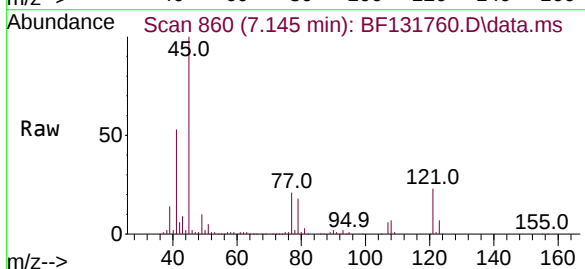


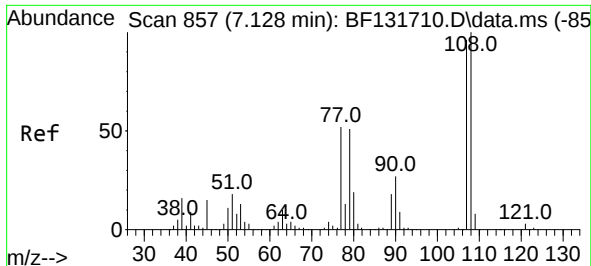
Tgt Ion: 79 Resp: 272056  
Ion Ratio Lower Upper  
79 100  
108 64.9 52.6 78.8  
77 64.8 51.7 77.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 51.006 ng  
RT: 7.145 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

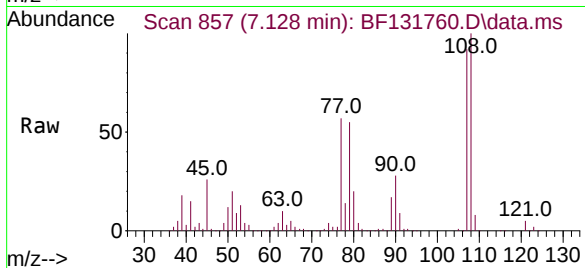
Tgt Ion: 45 Resp: 376993  
Ion Ratio Lower Upper  
45 100  
77 21.2 0.0 36.8  
79 17.7 0.0 33.1



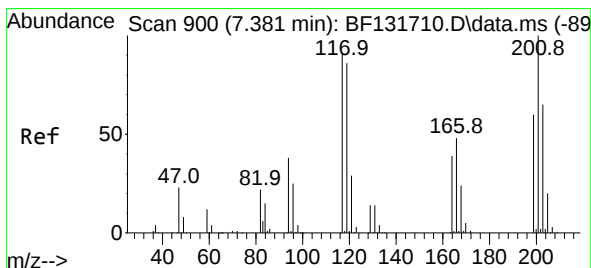
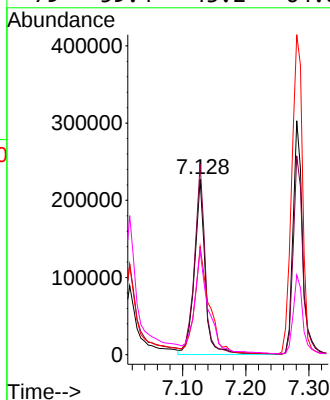
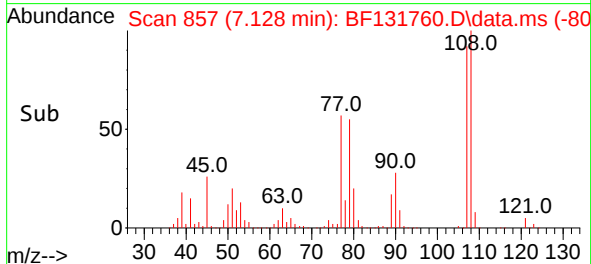


#17  
2-Methylphenol  
Concen: 52.484 ng  
RT: 7.128 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

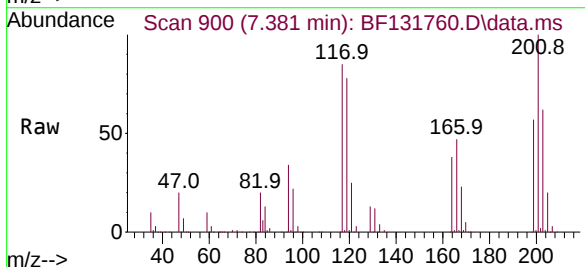
Instrument :  
BNA\_F  
ClientSampleId :



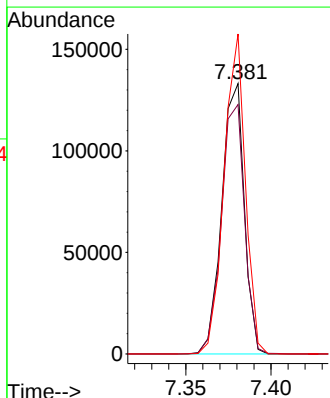
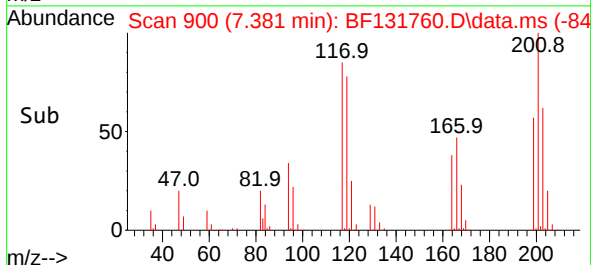
Tgt Ion:107 Resp: 268241  
Ion Ratio Lower Upper  
107 100  
108 108.6 83.8 125.6  
77 61.6 43.8 65.8  
79 59.4 43.2 64.8

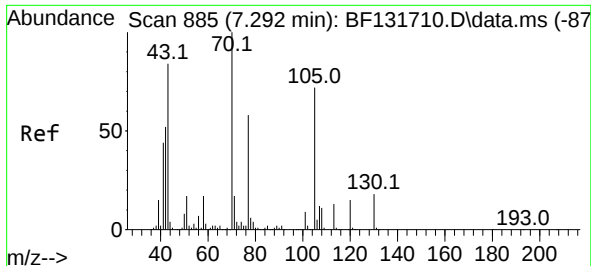


#18  
Hexachloroethane  
Concen: 49.482 ng  
RT: 7.381 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03



Tgt Ion:117 Resp: 122705  
Ion Ratio Lower Upper  
117 100  
119 92.2 75.8 113.8  
201 118.3 88.2 132.4





#19

n-Nitroso-di-n-propylamine

Concen: 50.087 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

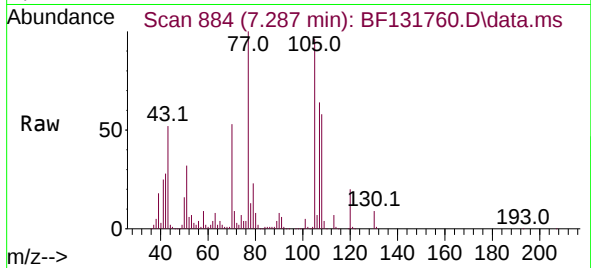
Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion: 70 Resp: 245075

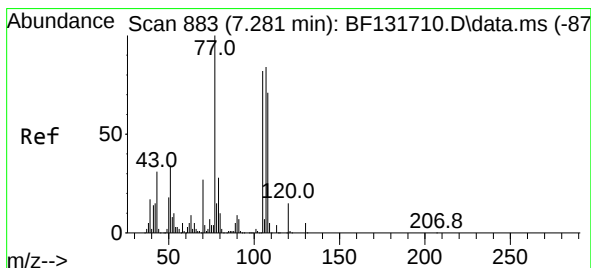
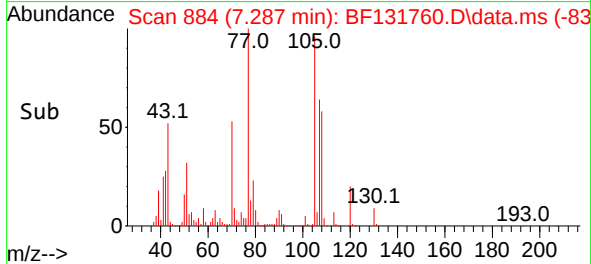
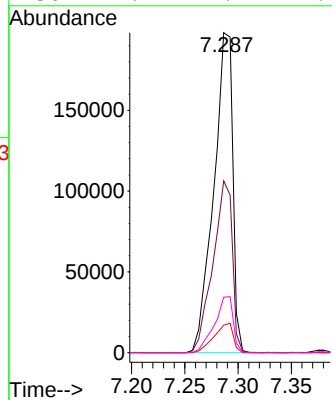
Ion Ratio Lower Upper

70 100

42 53.7 41.5 62.3

101 8.6 7.3 10.9

130 17.4 14.4 21.6



#20

3+4-Methylphenols

Concen: 47.766 ng

RT: 7.281 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Tgt Ion: 107 Resp: 314201

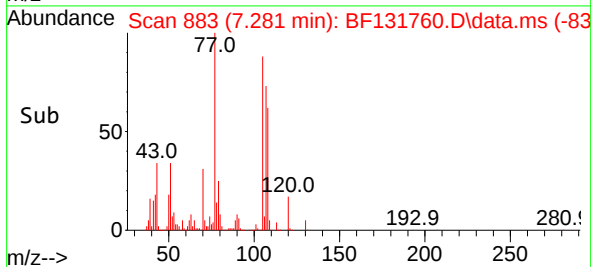
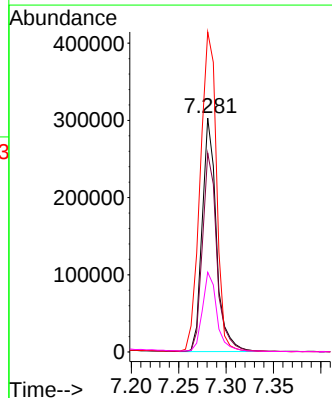
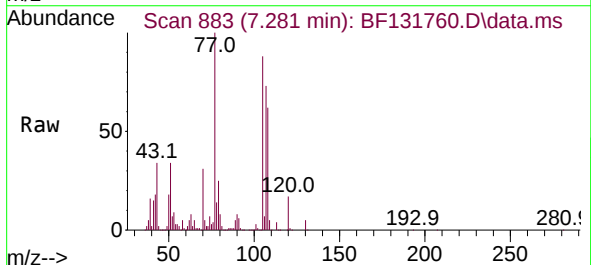
Ion Ratio Lower Upper

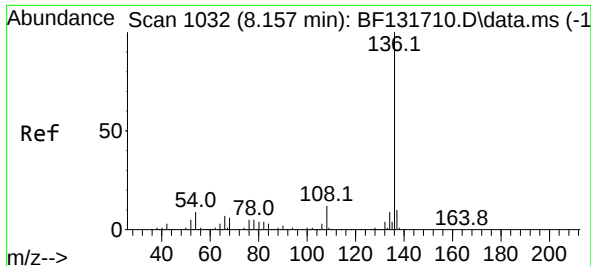
107 100

108 85.0 65.2 105.2

77 136.8 99.6 139.6

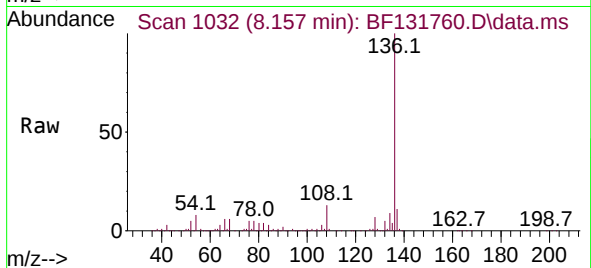
79 34.0 13.5 53.5



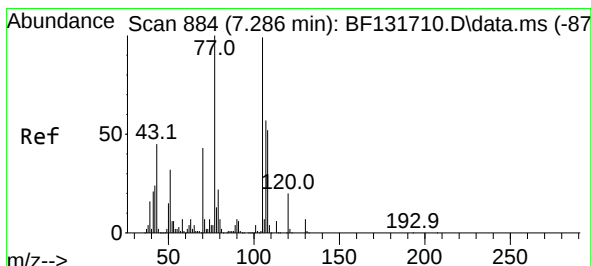
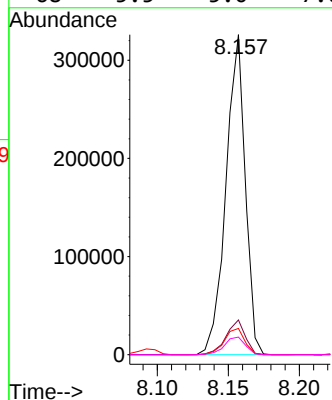
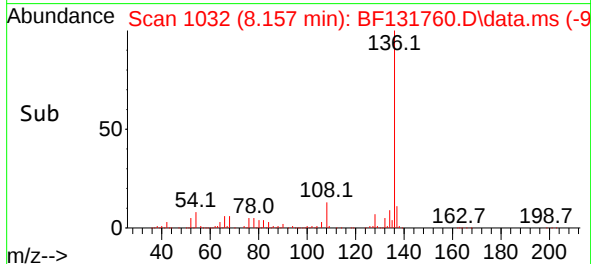


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Instrument :  
BNA\_F  
ClientSampleId :

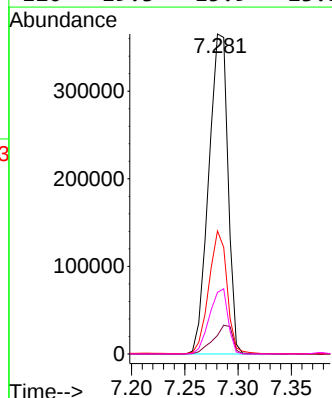
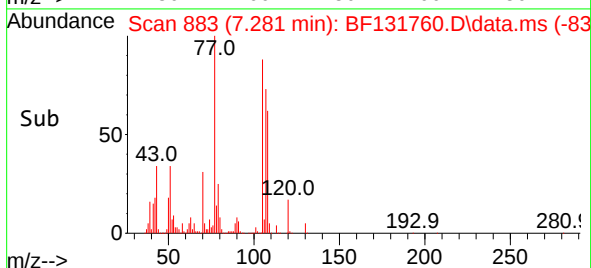
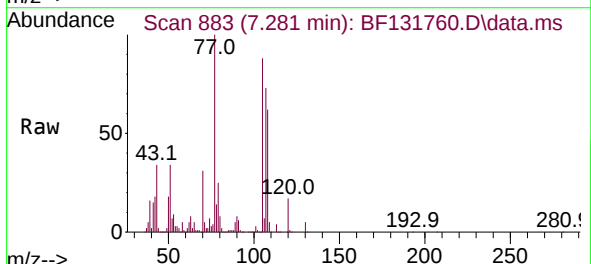


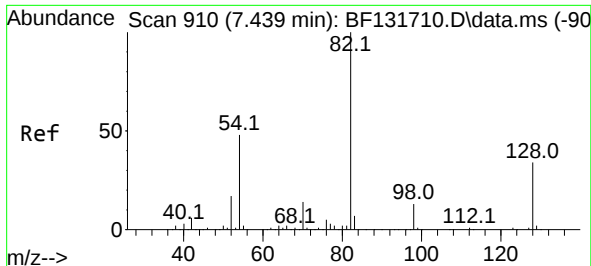
Tgt Ion:136 Resp: 307375  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.4 12.6  
54 8.2 7.2 10.8  
68 5.5 5.0 7.6



#22  
Acetophenone  
Concen: 51.077 ng  
RT: 7.281 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion:105 Resp: 458166  
Ion Ratio Lower Upper  
105 100  
71 5.8 5.5 8.3  
51 38.4 25.5 38.3#  
120 19.3 15.9 23.9





#23

Nitrobenzene-d5

Concen: 96.556 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

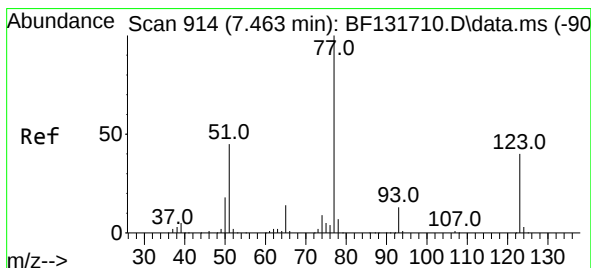
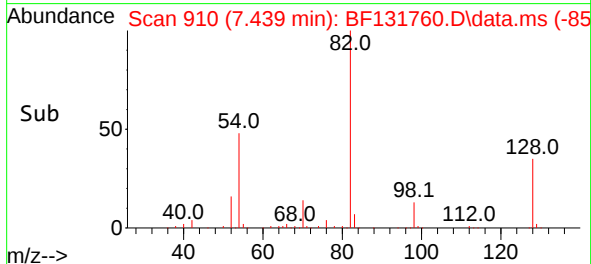
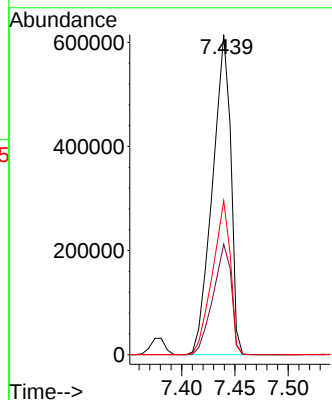
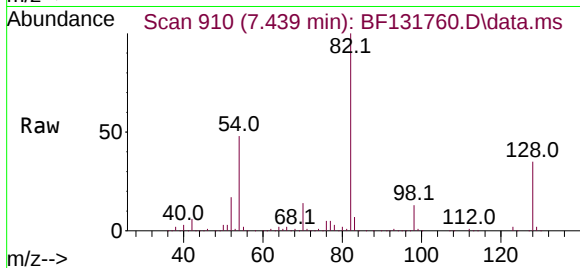
Tgt Ion: 82 Resp: 731077

Ion Ratio Lower Upper

82 100

128 34.5 27.3 40.9

54 48.1 38.2 57.2



#24

Nitrobenzene

Concen: 49.249 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

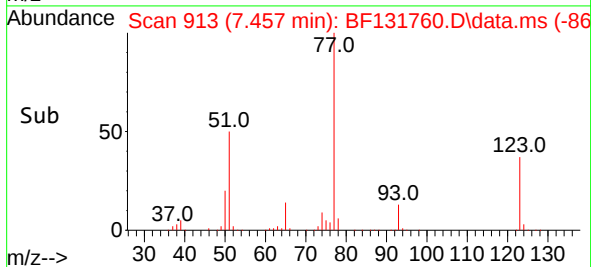
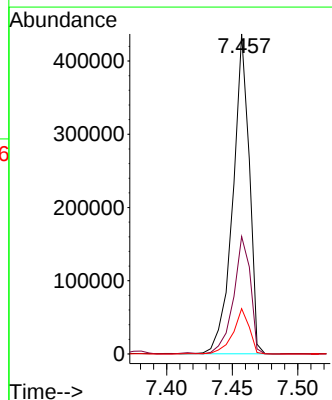
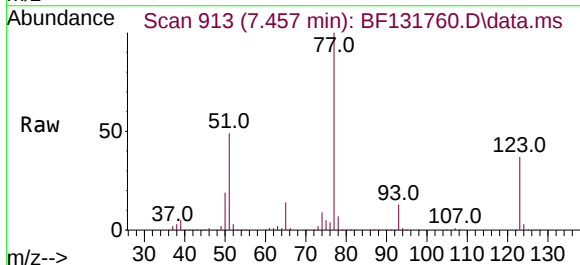
Tgt Ion: 77 Resp: 379084

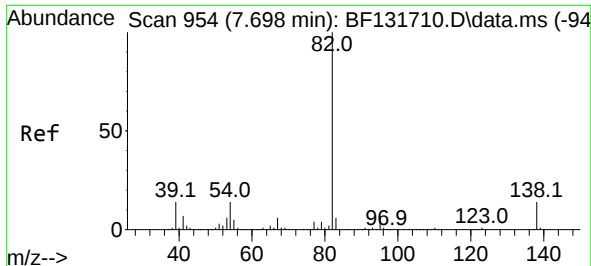
Ion Ratio Lower Upper

77 100

123 36.7 31.8 47.6

65 14.1 10.9 16.3

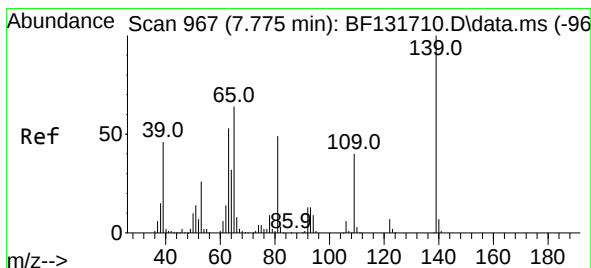
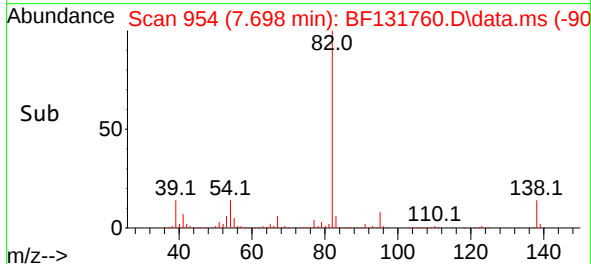
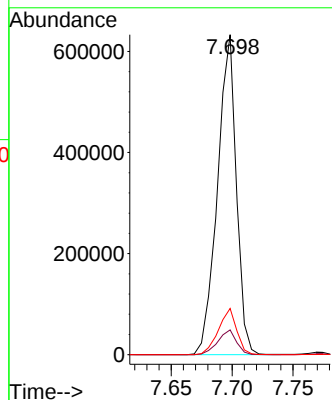
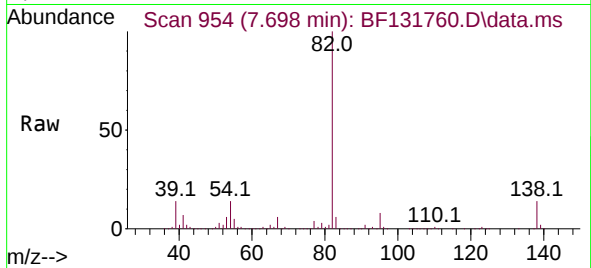




#25  
Isophorone  
Concen: 53.162 ng  
RT: 7.698 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

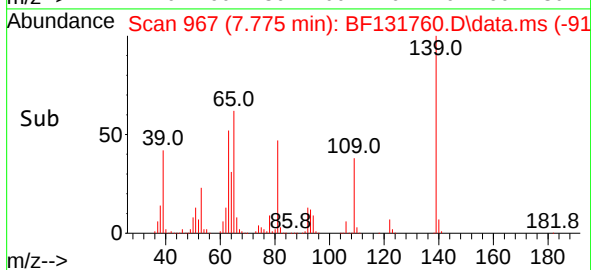
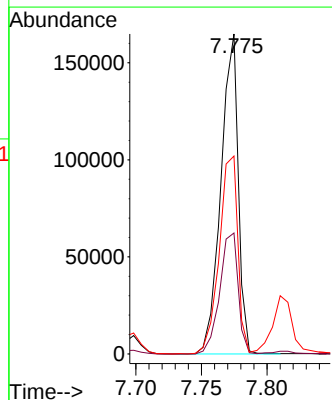
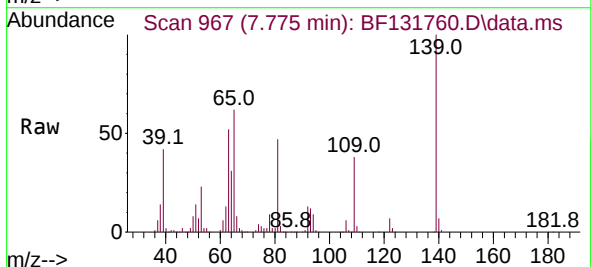
Instrument :  
BNA\_F  
ClientSampleId :

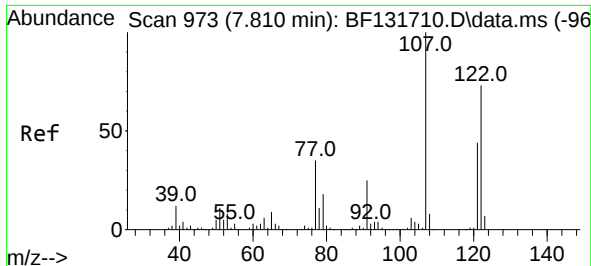
Tgt Ion: 82 Resp: 683581  
Ion Ratio Lower Upper  
82 100  
95 7.8 5.8 8.6  
138 14.4 11.6 17.4



#26  
2-Nitrophenol  
Concen: 50.355 ng  
RT: 7.775 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion:139 Resp: 151480  
Ion Ratio Lower Upper  
139 100  
109 37.8 31.8 47.6  
65 61.8 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 58.807 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

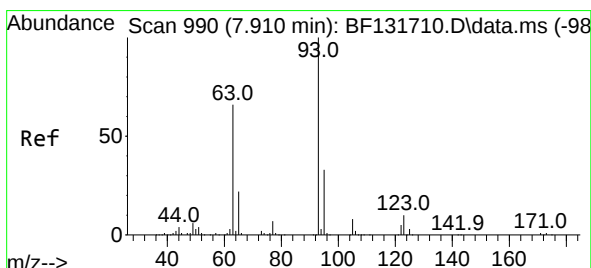
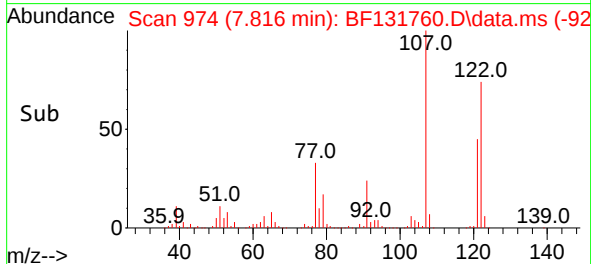
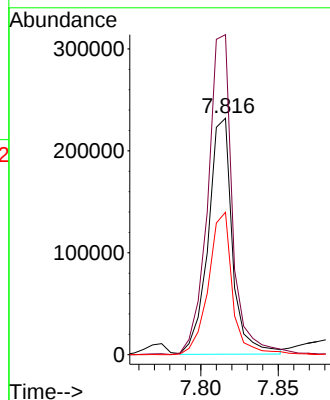
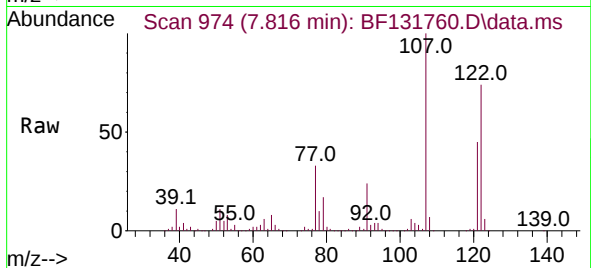
Tgt Ion:122 Resp: 251962

Ion Ratio Lower Upper

122 100

107 135.3 110.1 165.1

121 60.2 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 56.262 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

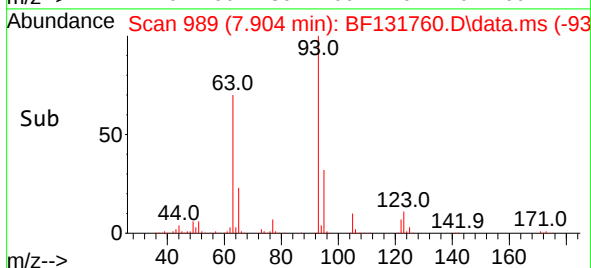
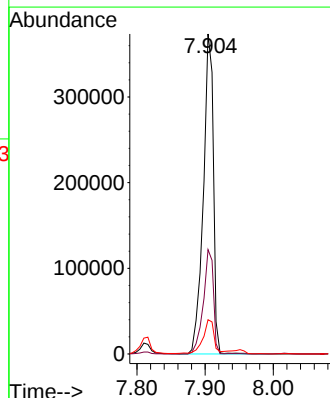
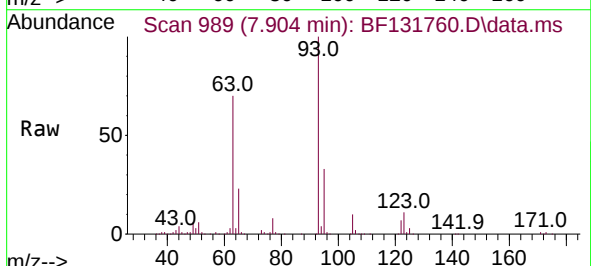
Tgt Ion: 93 Resp: 384165

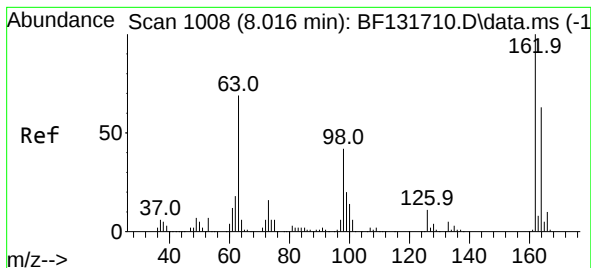
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

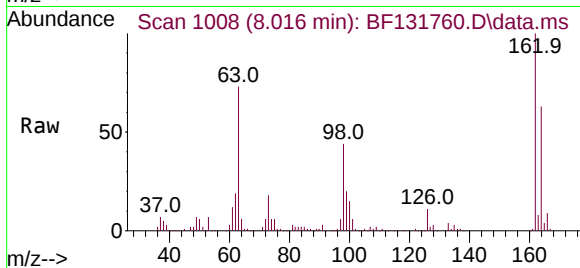
123 10.7 8.2 12.2



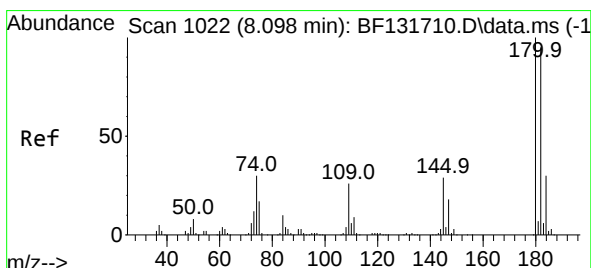
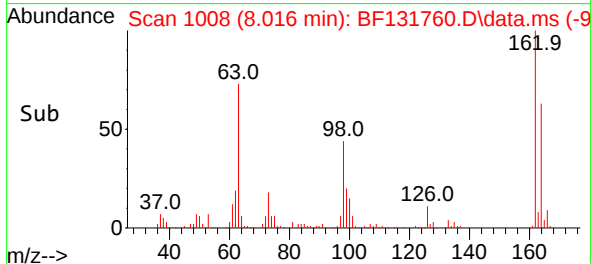
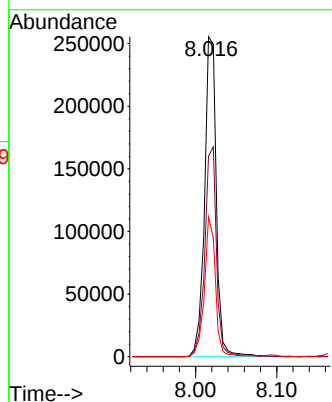


#29  
2,4-Dichlorophenol  
Concen: 49.886 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Instrument :  
BNA\_F  
ClientSampleId :

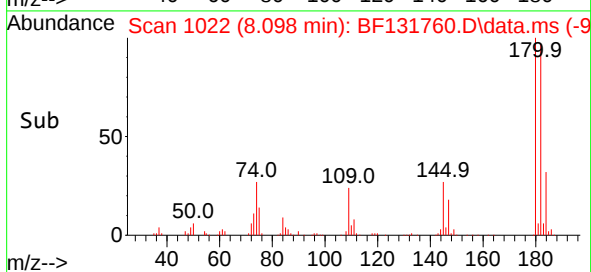
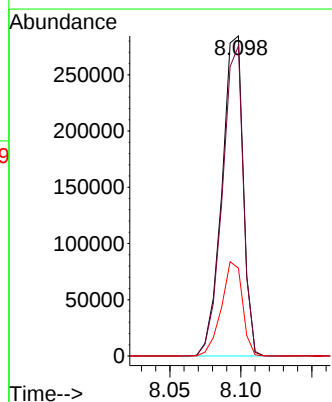
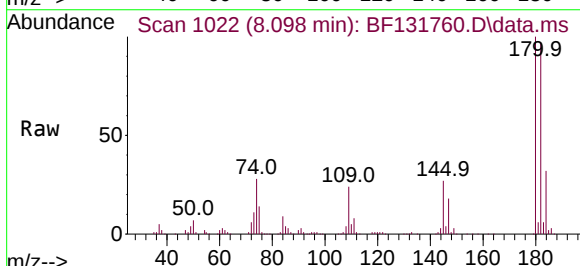


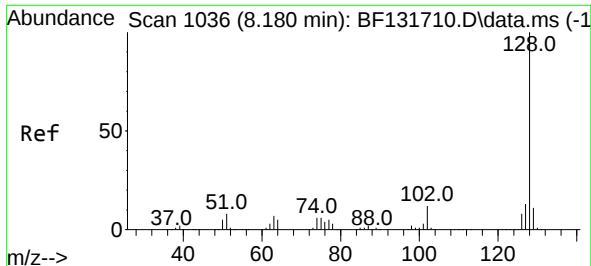
Tgt Ion:162 Resp: 258033  
Ion Ratio Lower Upper  
162 100  
164 62.7 42.9 82.9  
98 43.6 21.9 61.9



#30  
1,2,4-Trichlorobenzene  
Concen: 48.962 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

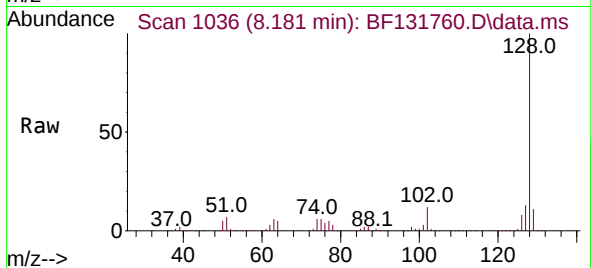
Tgt Ion:180 Resp: 297722  
Ion Ratio Lower Upper  
180 100  
182 96.9 76.1 114.1  
145 27.5 23.4 35.0



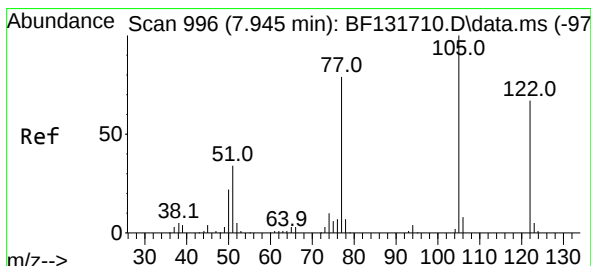
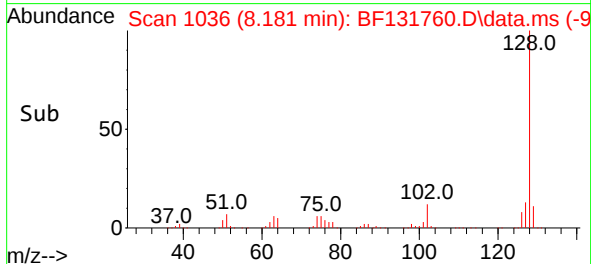
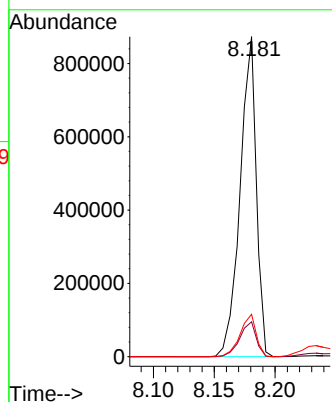


#31  
Naphthalene  
Concen: 48.081 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Instrument :  
BNA\_F  
ClientSampleId :

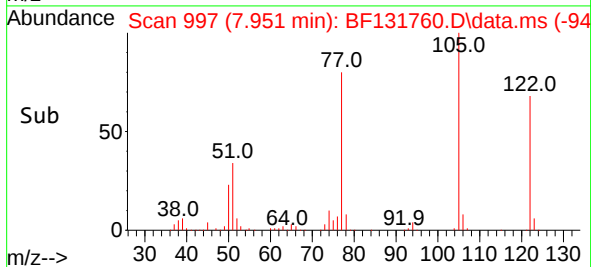
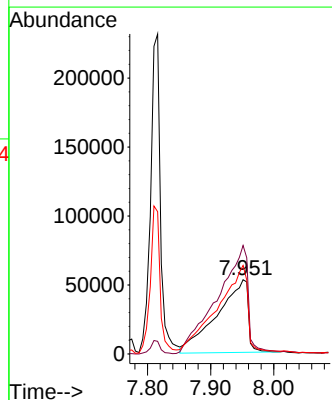
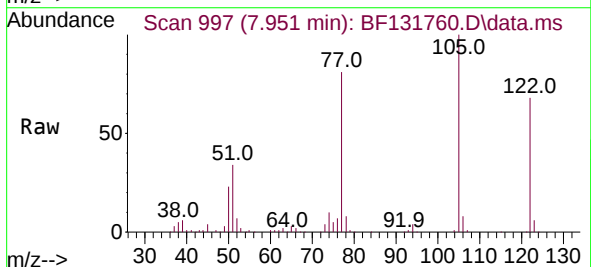


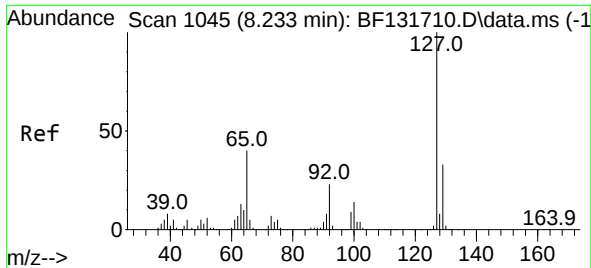
Tgt Ion:128 Resp: 807118  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 13.2 10.6 15.8



#32  
Benzoic acid  
Concen: 52.829 ng  
RT: 7.951 min Scan# 997  
Delta R.T. 0.006 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion:122 Resp: 181184  
Ion Ratio Lower Upper  
122 100  
105 146.1 125.1 165.1  
77 119.0 95.3 135.3





#33

4-Chloroaniline

Concen: 10.075 ng

RT: 8.234 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:127 Resp: 65959

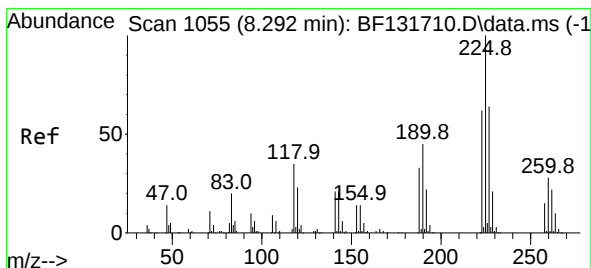
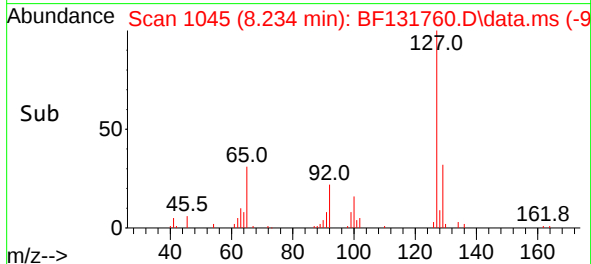
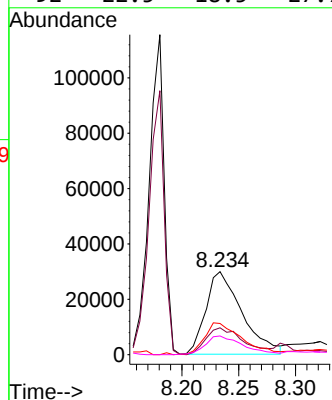
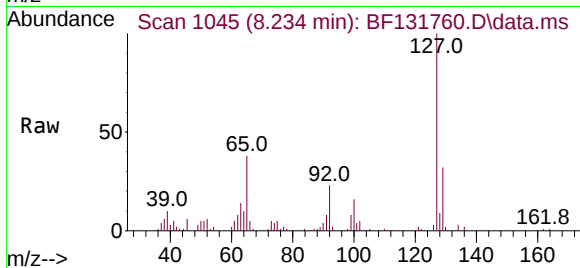
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 37.7 31.8 47.6

92 22.5 18.5 27.7



#34

Hexachlorobutadiene

Concen: 47.344 ng

RT: 8.292 min Scan# 1055

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

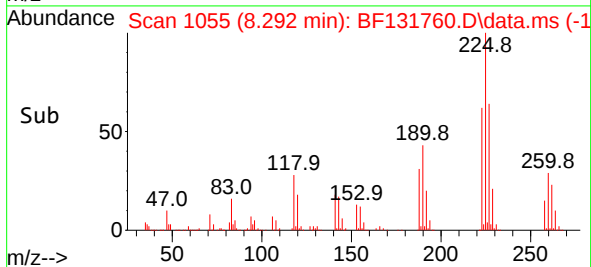
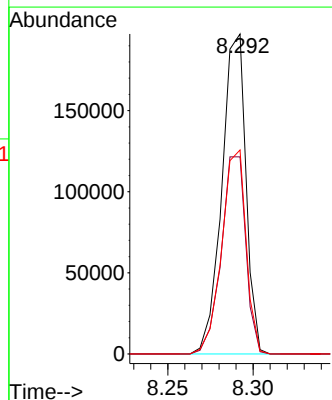
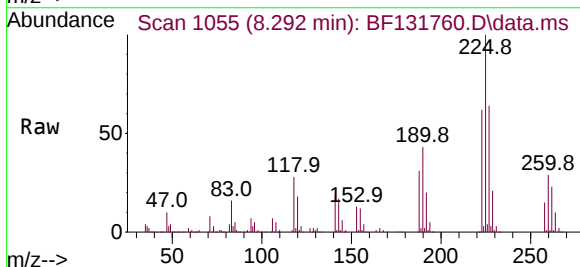
Tgt Ion:225 Resp: 193691

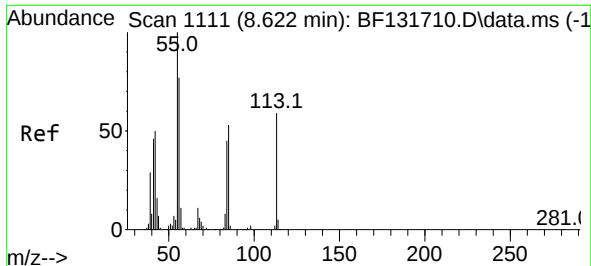
Ion Ratio Lower Upper

225 100

223 61.6 49.5 74.3

227 63.8 51.0 76.4

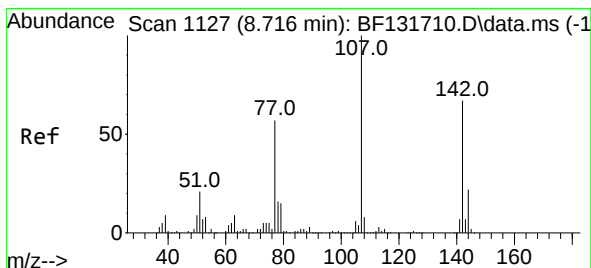
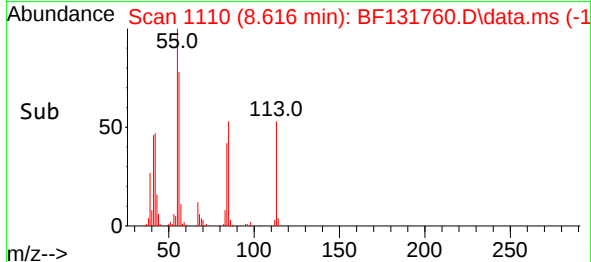
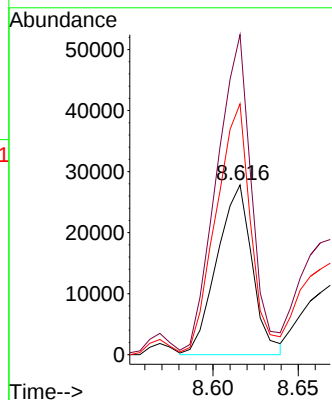
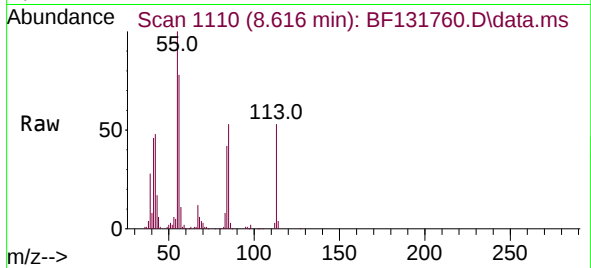




#35  
 Caprolactam  
 Concen: 25.680 ng  
 RT: 8.616 min Scan# 1110  
 Delta R.T. -0.006 min  
 Lab File: BF131760.D  
 Acq: 21 Dec 2022 23:03

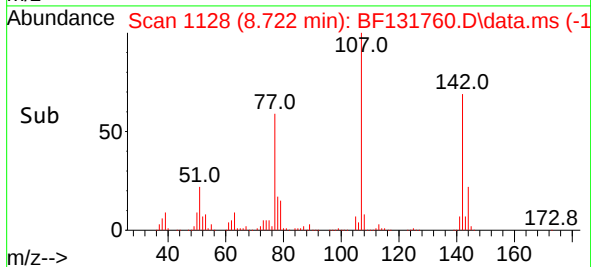
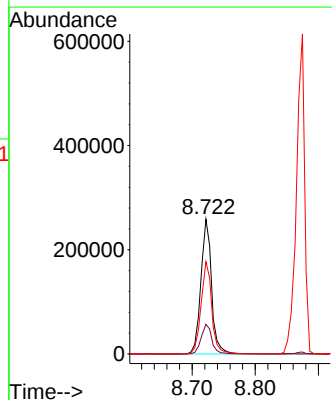
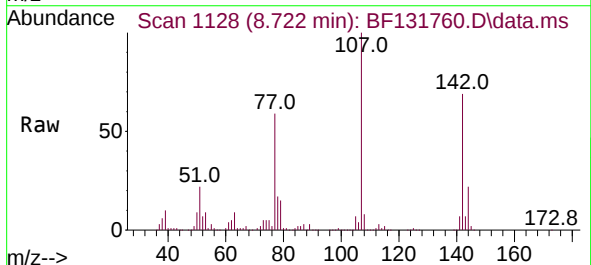
Instrument :  
 BNA\_F  
 ClientSampleId :

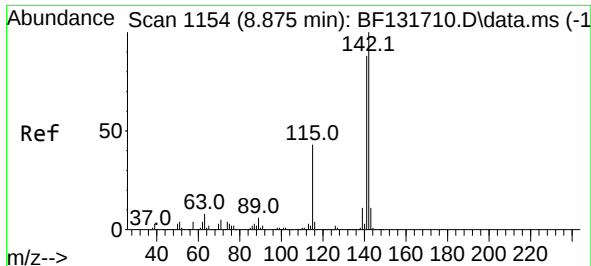
Tgt Ion:113 Resp: 40051  
 Ion Ratio Lower Upper  
 113 100  
 55 188.6 149.0 189.0  
 56 147.8 109.5 149.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 51.437 ng  
 RT: 8.722 min Scan# 1128  
 Delta R.T. 0.006 min  
 Lab File: BF131760.D  
 Acq: 21 Dec 2022 23:03

Tgt Ion:107 Resp: 303921  
 Ion Ratio Lower Upper  
 107 100  
 144 22.0 17.5 26.3  
 142 68.6 53.4 80.0

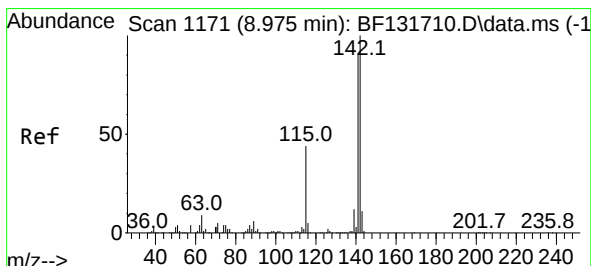
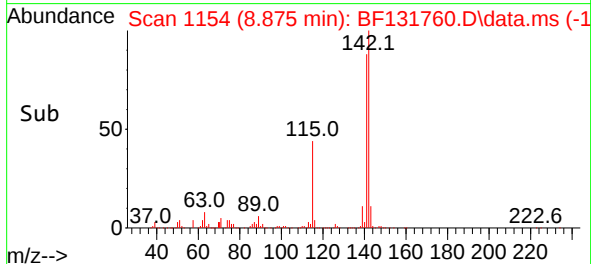
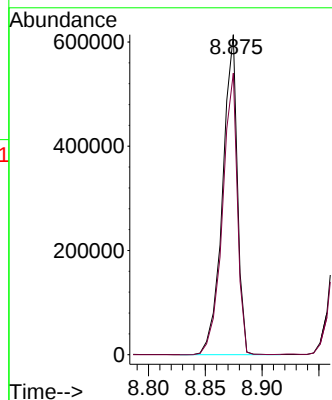
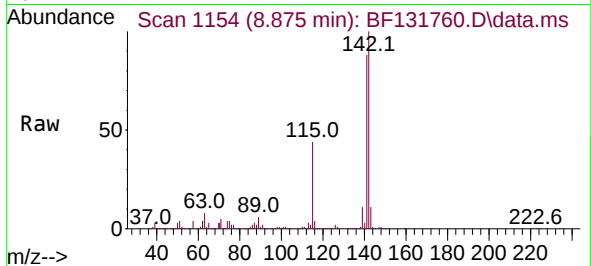




#37  
2-Methylnaphthalene  
Concen: 48.876 ng  
RT: 8.875 min Scan# 1154  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

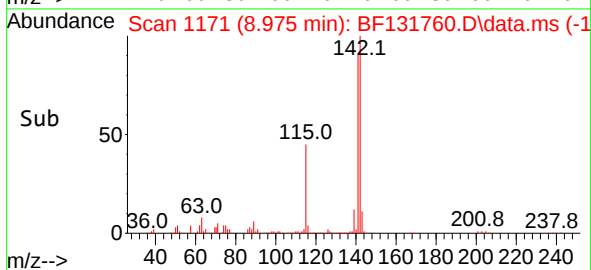
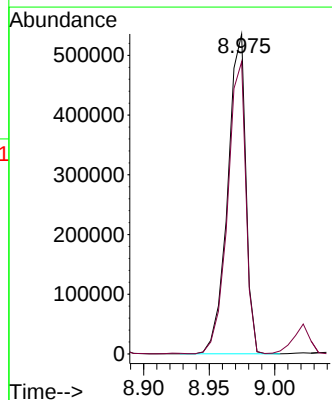
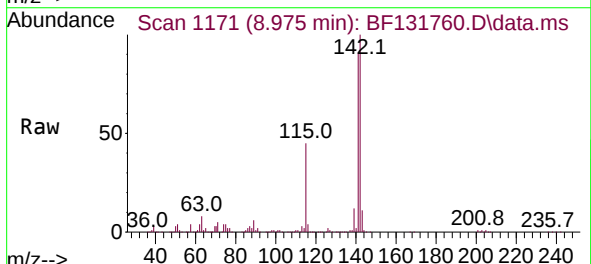
Instrument :  
BNA\_F  
ClientSampleId :

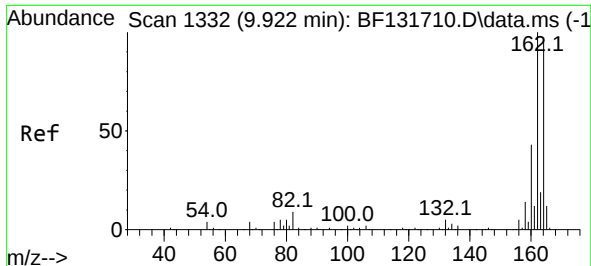
Tgt Ion:142 Resp: 559663  
Ion Ratio Lower Upper  
142 100  
141 88.0 70.4 105.6



#38  
1-Methylnaphthalene  
Concen: 46.398 ng  
RT: 8.975 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

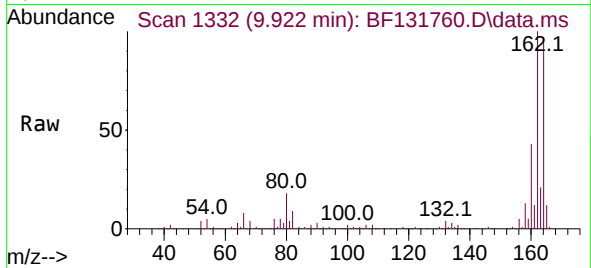
Tgt Ion:142 Resp: 514562  
Ion Ratio Lower Upper  
142 100  
141 91.3 73.0 109.6



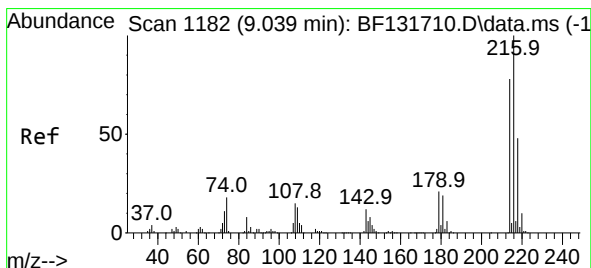
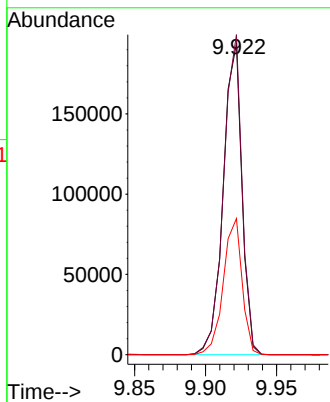
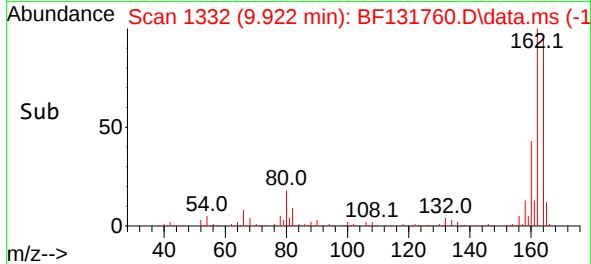


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

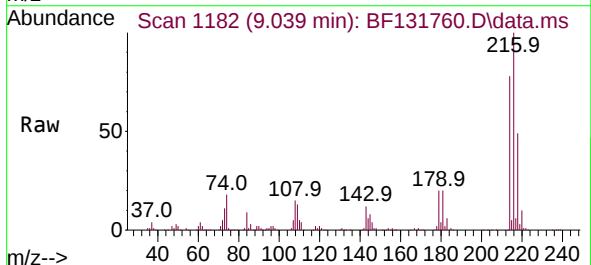
Instrument :  
BNA\_F  
ClientSampleId :



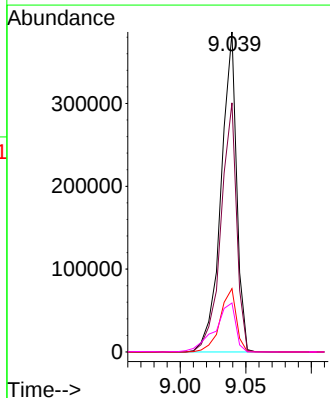
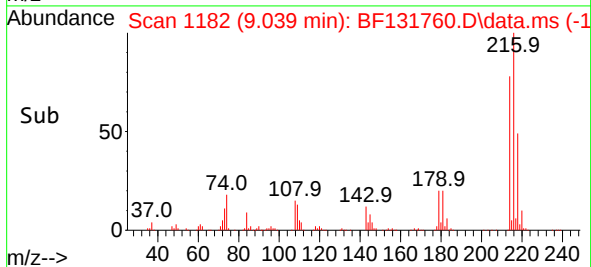
Tgt Ion:164 Resp: 177876  
Ion Ratio Lower Upper  
164 100  
162 102.9 83.7 125.5  
160 43.8 36.2 54.4

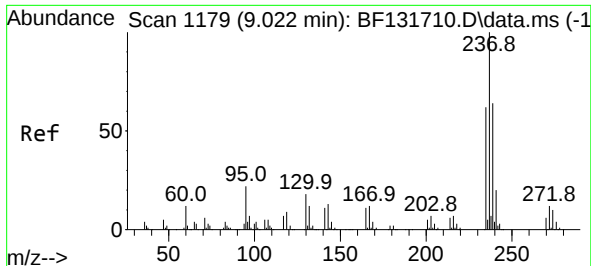


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 52.304 ng  
RT: 9.039 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03



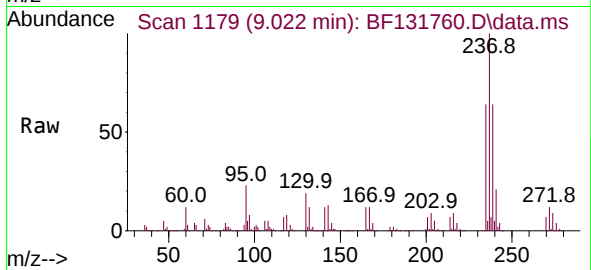
Tgt Ion:216 Resp: 318307  
Ion Ratio Lower Upper  
216 100  
214 78.5 62.9 94.3  
179 20.6 16.3 24.5  
108 20.5 14.2 21.4



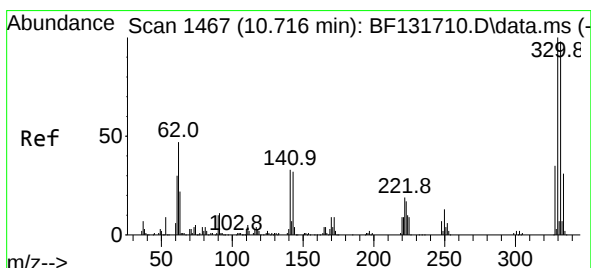
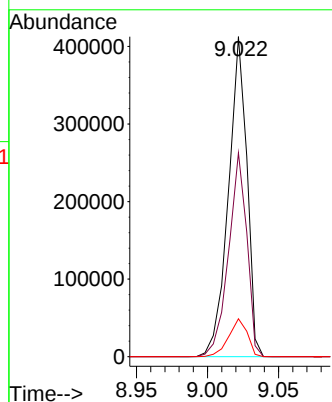
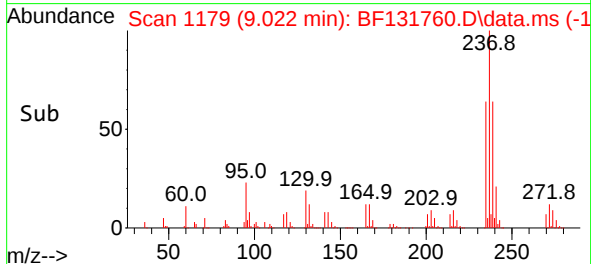


#41  
Hexachlorocyclopentadiene  
Concen: 135.496 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

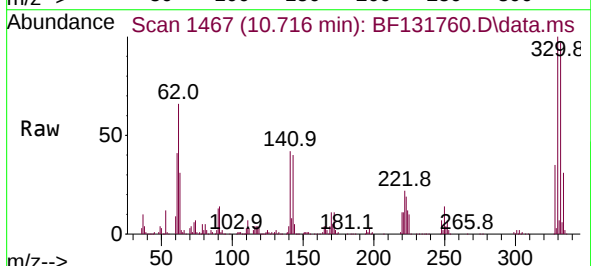
Instrument :  
BNA\_F  
ClientSampleId :



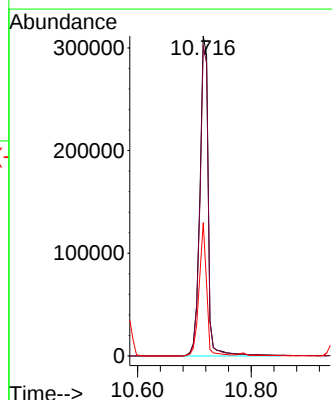
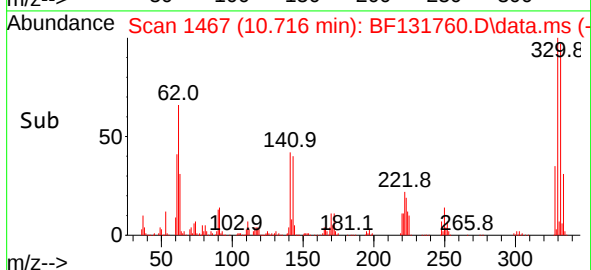
Tgt Ion:237 Resp: 373582  
Ion Ratio Lower Upper  
237 100  
235 63.7 42.2 82.2  
272 11.9 0.0 31.7

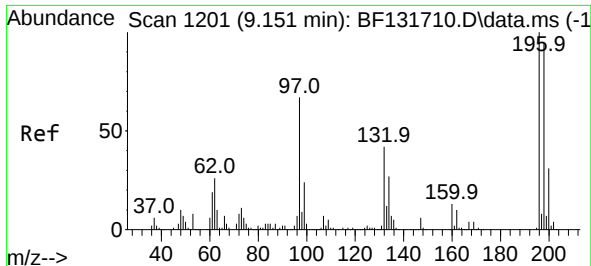


#42  
2,4,6-Tribromophenol  
Concen: 165.224 ng  
RT: 10.716 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03



Tgt Ion:330 Resp: 321679  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.1 115.7  
141 37.3 30.4 45.6





#43

2,4,6-Trichlorophenol

Concen: 51.021 ng

RT: 9.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

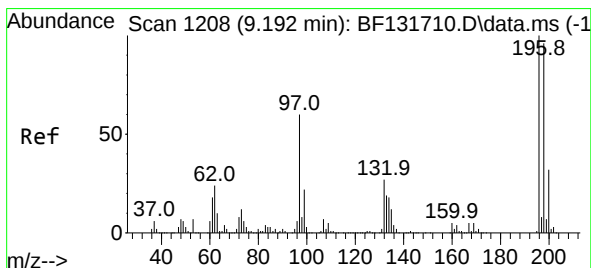
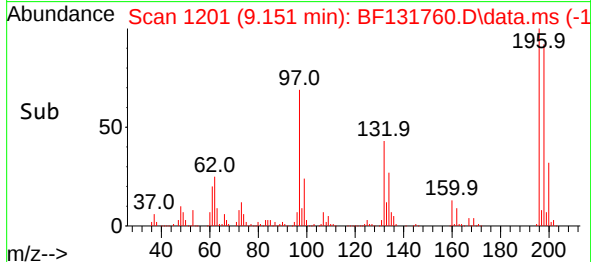
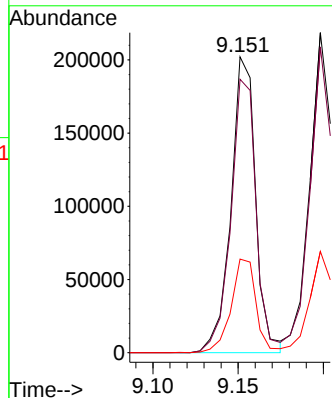
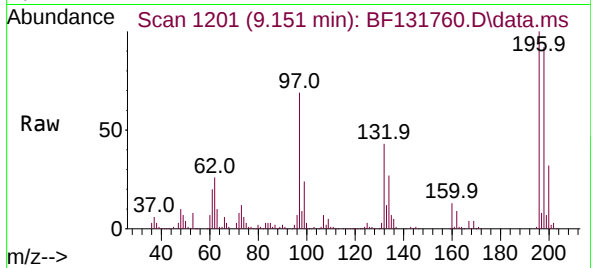
Tgt Ion:196 Resp: 202830

Ion Ratio Lower Upper

196 100

198 92.4 75.5 113.3

200 31.6 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 52.562 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Tgt Ion:196 Resp: 226210

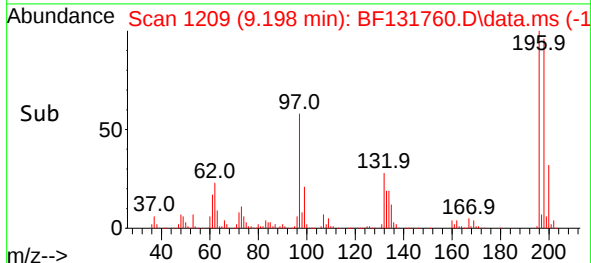
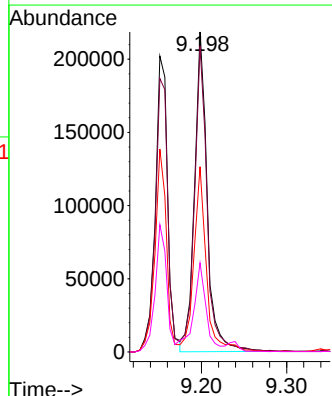
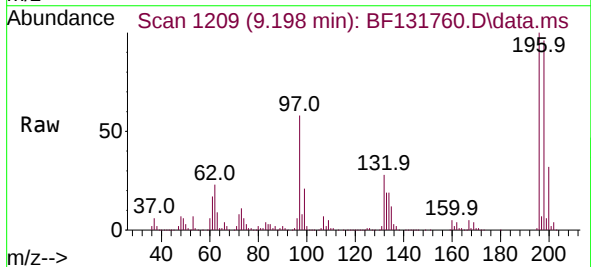
Ion Ratio Lower Upper

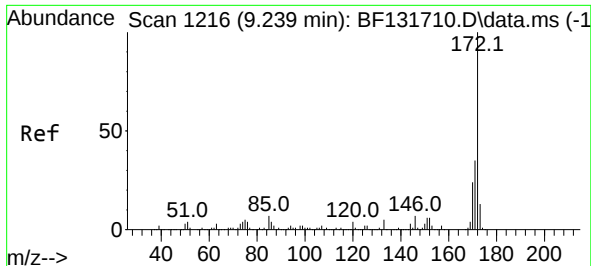
196 100

198 95.6 76.6 114.8

97 57.9 47.7 71.5

132 27.8 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 97.731 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

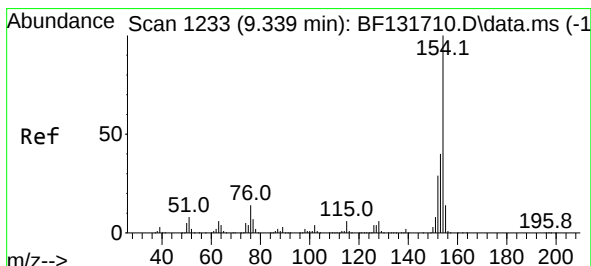
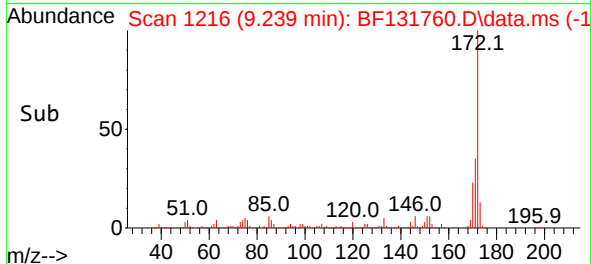
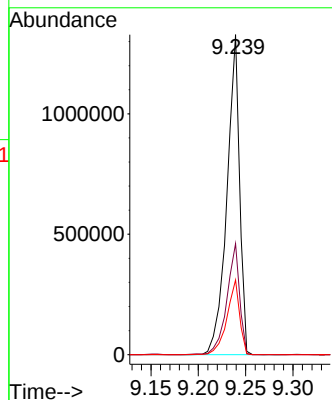
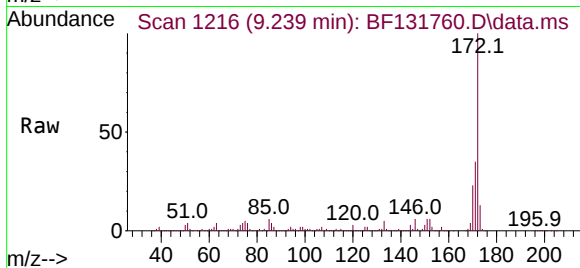
Tgt Ion:172 Resp: 1240986

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 52.934 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

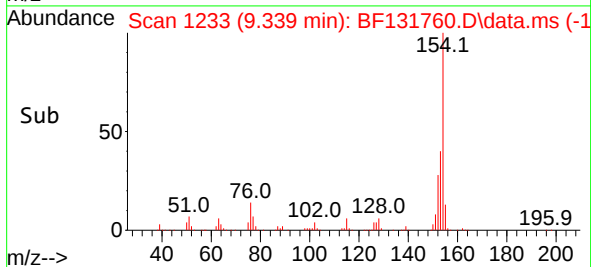
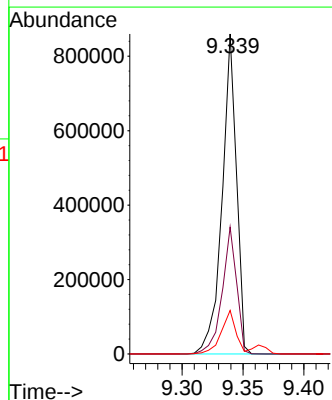
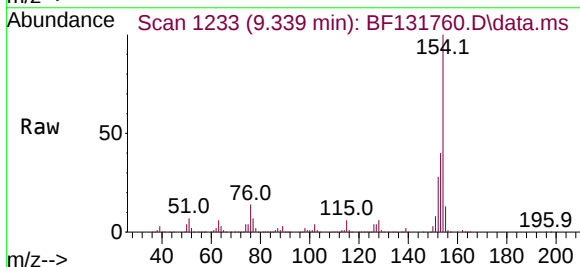
Tgt Ion:154 Resp: 708242

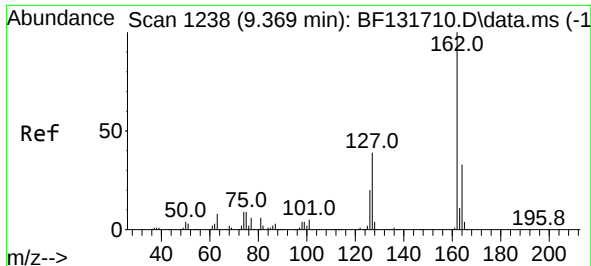
Ion Ratio Lower Upper

154 100

153 39.6 20.1 60.1

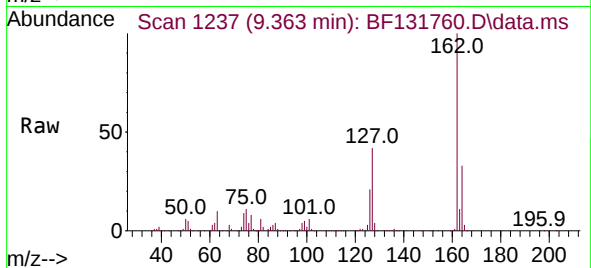
76 13.6 0.0 33.6



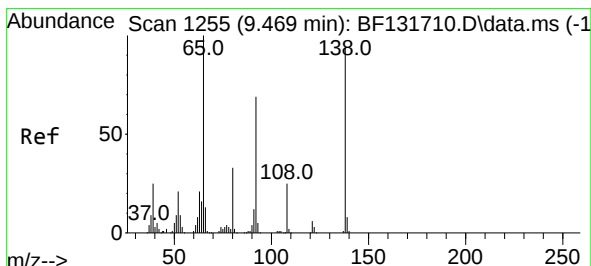
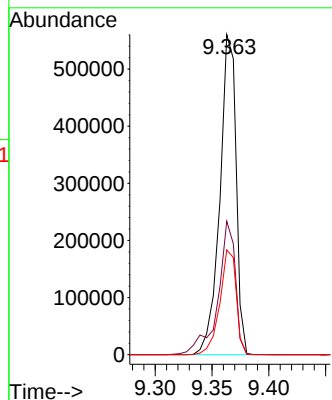
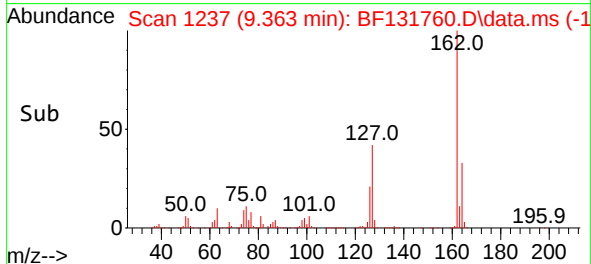


#47  
2-Chloronaphthalene  
Concen: 51.205 ng  
RT: 9.363 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Instrument :  
BNA\_F  
ClientSampleId :

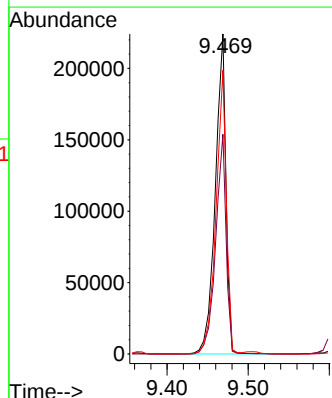
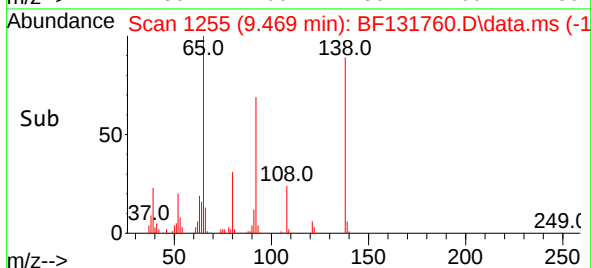
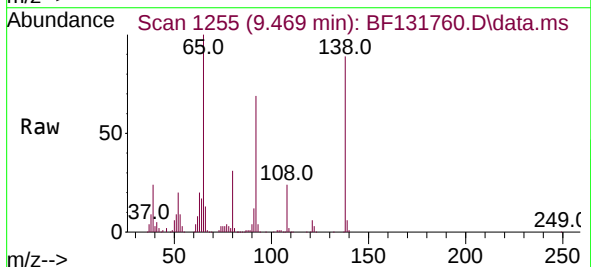


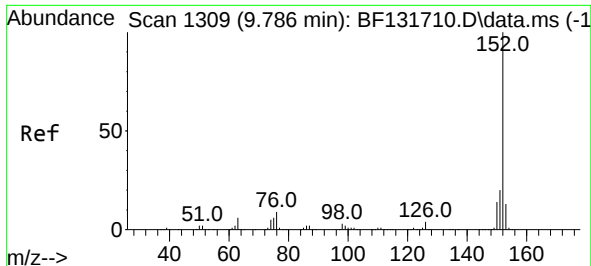
Tgt Ion:162 Resp: 561001  
Ion Ratio Lower Upper  
162 100  
127 41.7 31.4 47.2  
164 32.8 26.6 39.8



#48  
2-Nitroaniline  
Concen: 51.440 ng  
RT: 9.469 min Scan# 1255  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

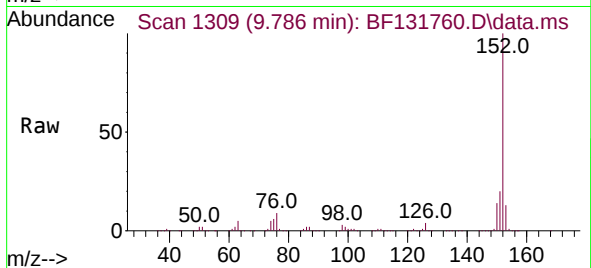
Tgt Ion: 65 Resp: 203130  
Ion Ratio Lower Upper  
65 100  
92 68.7 55.5 83.3  
138 88.7 74.8 112.2



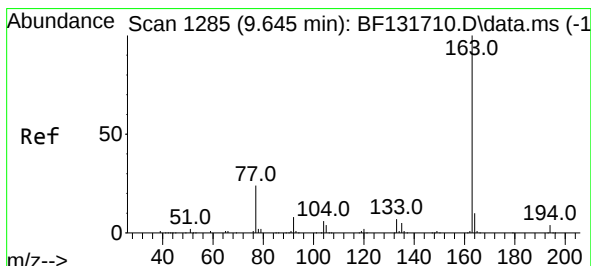
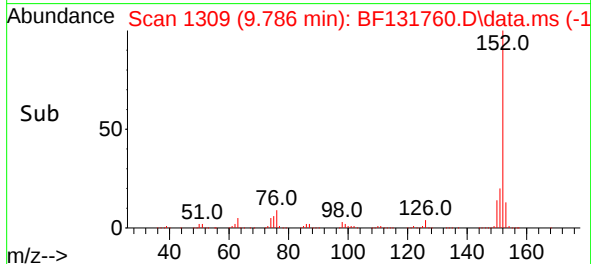
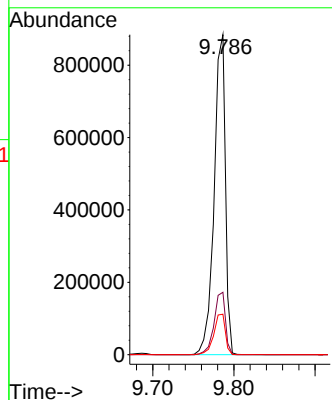


#49  
Acenaphthylene  
Concen: 51.634 ng  
RT: 9.786 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Instrument :  
BNA\_F  
ClientSampleId :

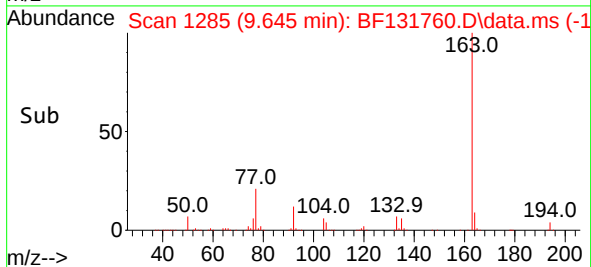
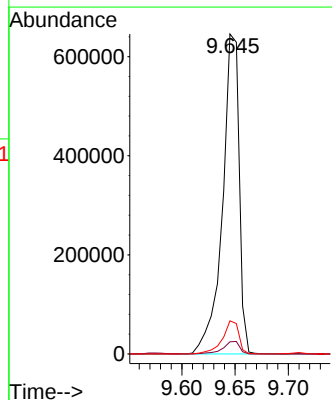
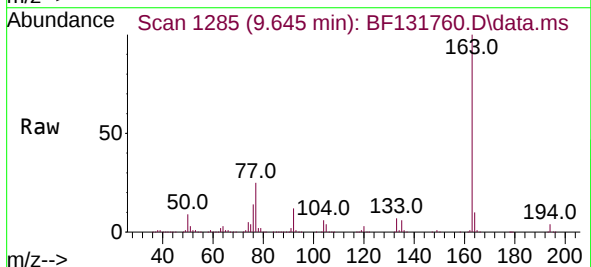


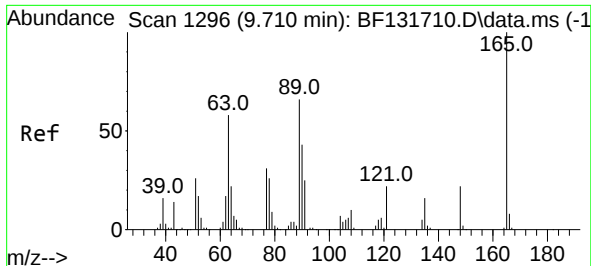
Tgt Ion:152 Resp: 848485  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.8 23.8  
153 12.7 10.6 15.8



#50  
Dimethylphthalate  
Concen: 52.446 ng  
RT: 9.645 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion:163 Resp: 701956  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.1 4.7  
164 10.3 8.2 12.4

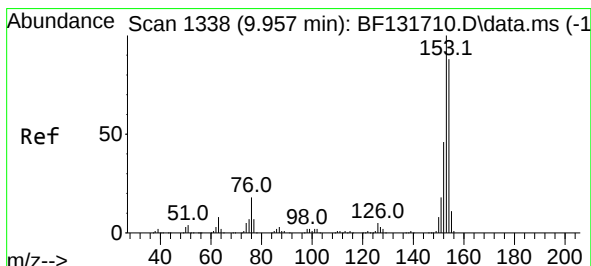
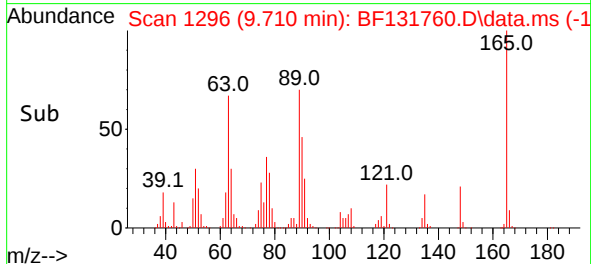
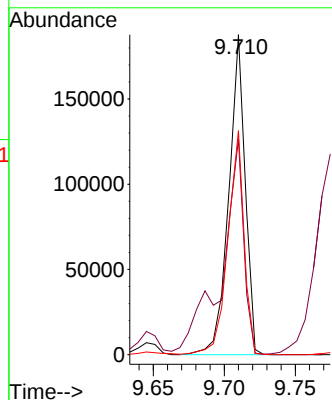
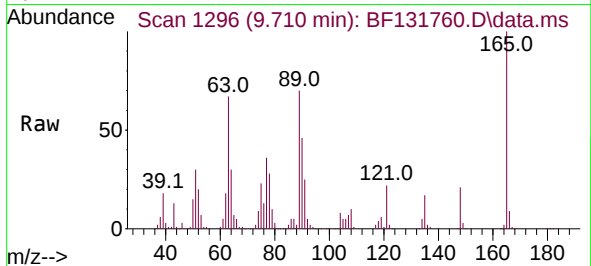




#51  
2,6-Dinitrotoluene  
Concen: 52.500 ng  
RT: 9.710 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

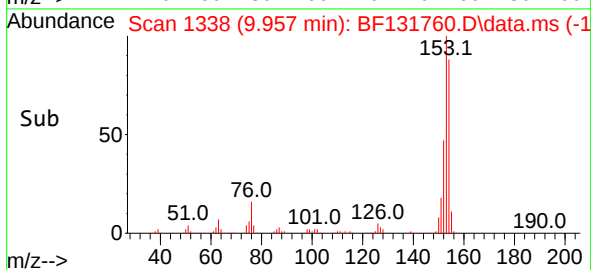
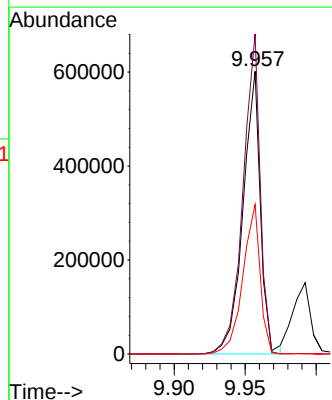
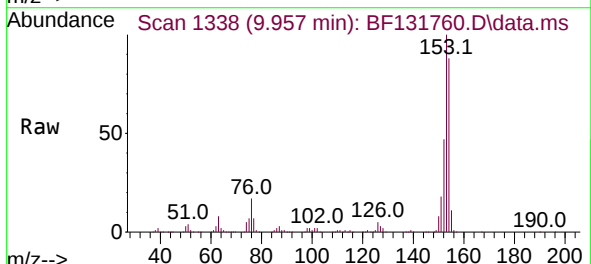
Instrument :  
BNA\_F  
ClientSampleId :

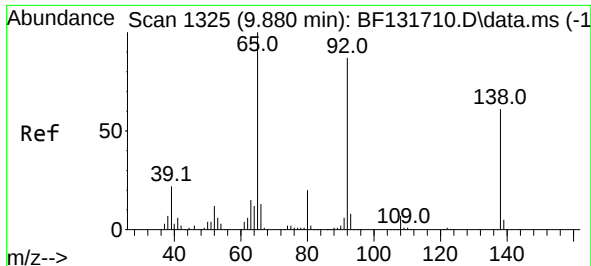
Tgt Ion:165 Resp: 151092  
Ion Ratio Lower Upper  
165 100  
63 67.4 51.8 77.8  
89 70.0 53.2 79.8



#52  
Acenaphthene  
Concen: 51.254 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

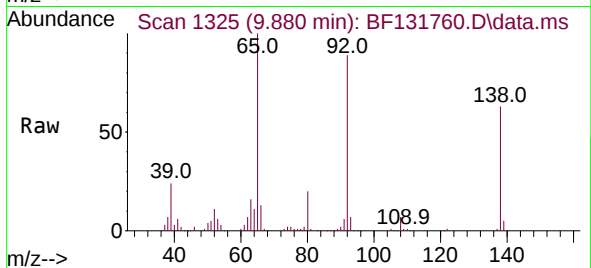
Tgt Ion:154 Resp: 515950  
Ion Ratio Lower Upper  
154 100  
153 113.2 90.4 135.6  
152 52.8 42.0 63.0



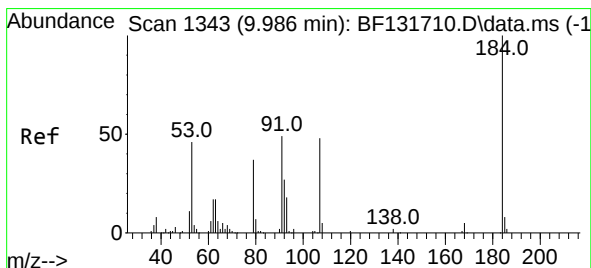
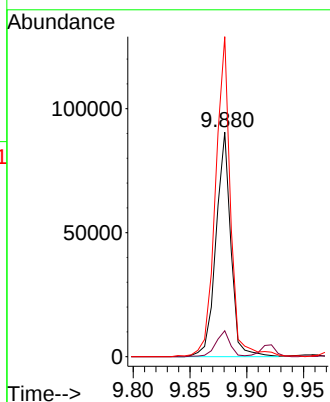
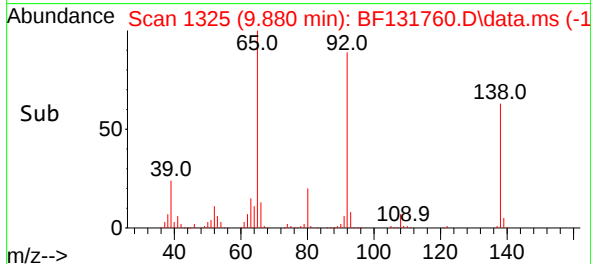


#53  
3-Nitroaniline  
Concen: 27.984 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

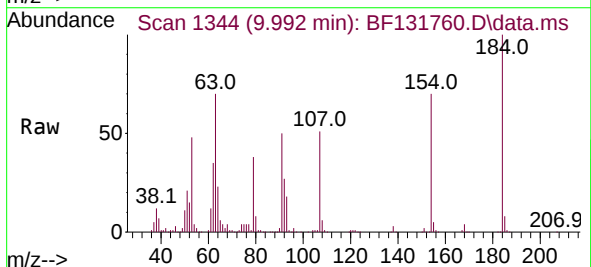
Instrument :  
BNA\_F  
ClientSampleId :



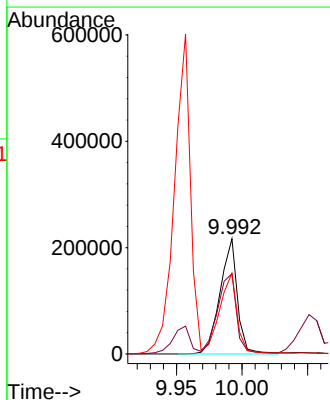
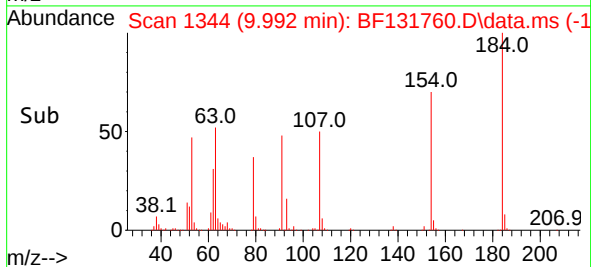
Tgt Ion:138 Resp: 82404  
Ion Ratio Lower Upper  
138 100  
108 11.5 9.2 13.8  
92 142.5 114.6 171.8

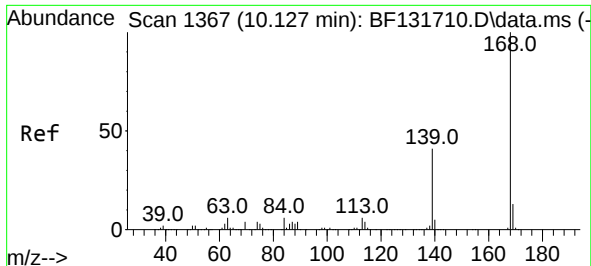


#54  
2,4-Dinitrophenol  
Concen: 115.507 ng  
RT: 9.992 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03



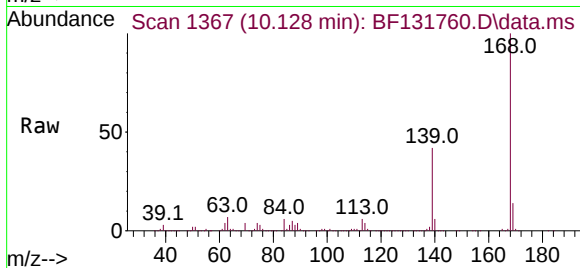
Tgt Ion:184 Resp: 199184  
Ion Ratio Lower Upper  
184 100  
63 69.6 55.8 83.8  
154 70.2 57.1 85.7



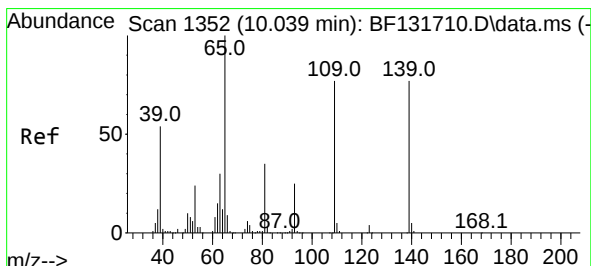
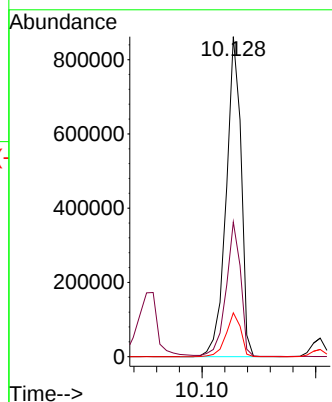
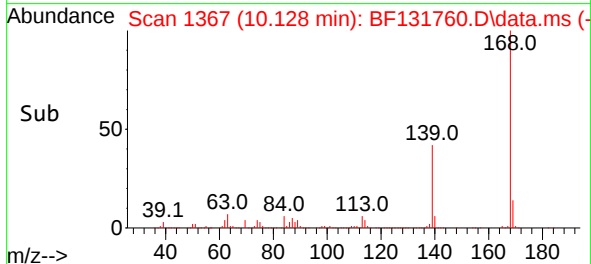


#55  
Dibenzenofuran  
Concen: 50.927 ng  
RT: 10.128 min Scan# 1367  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

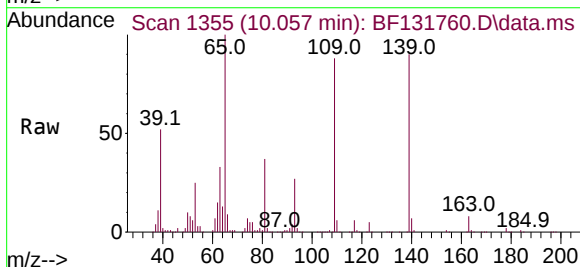
Instrument :  
BNA\_F  
ClientSampleId :



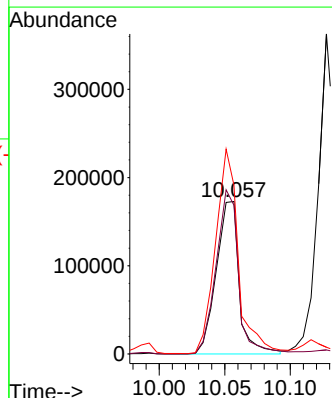
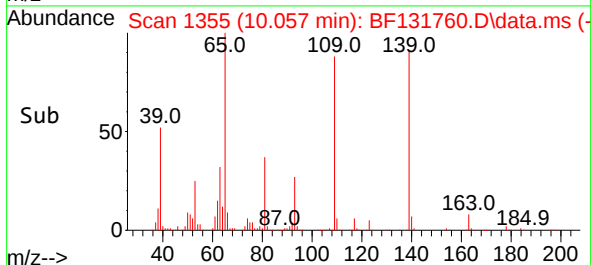
Tgt Ion:168 Resp: 786120  
Ion Ratio Lower Upper  
168 100  
139 42.1 32.7 49.1  
169 13.7 10.6 16.0

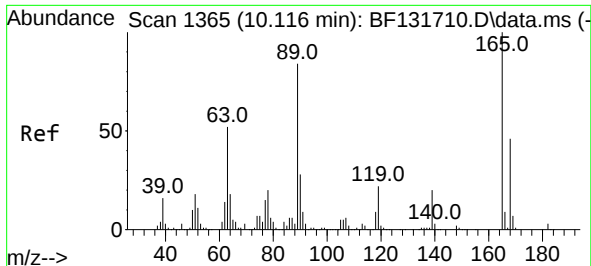


#56  
4-Nitrophenol  
Concen: 99.745 ng  
RT: 10.057 min Scan# 1355  
Delta R.T. 0.018 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03



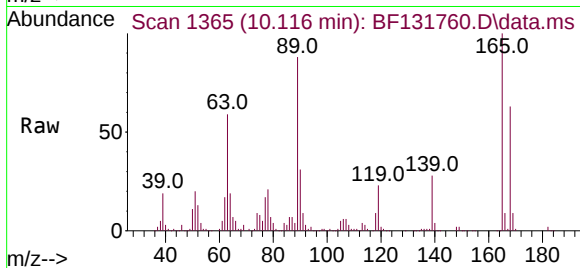
Tgt Ion:139 Resp: 210225  
Ion Ratio Lower Upper  
139 100  
109 97.5 79.9 119.9  
65 110.6 110.2 150.2



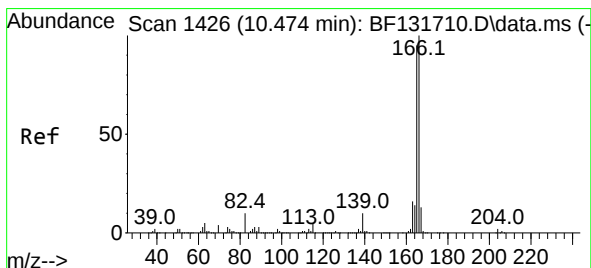
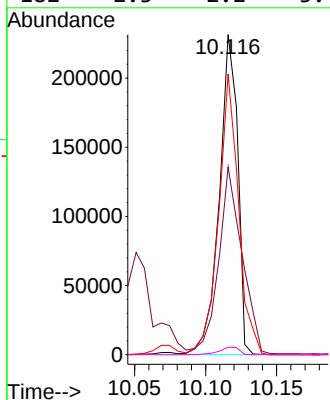
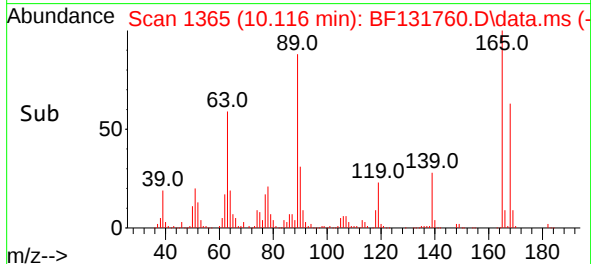


#57  
2,4-Dinitrotoluene  
Concen: 53.987 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

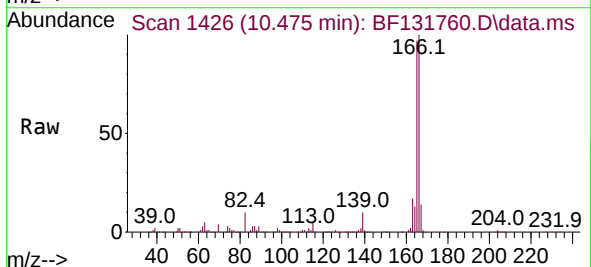
Instrument :  
BNA\_F  
ClientSampleId :



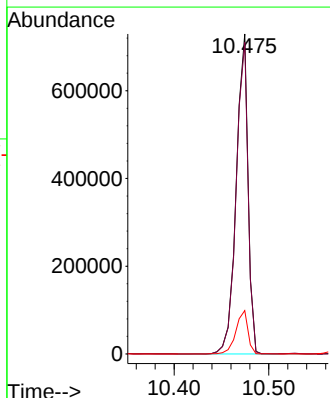
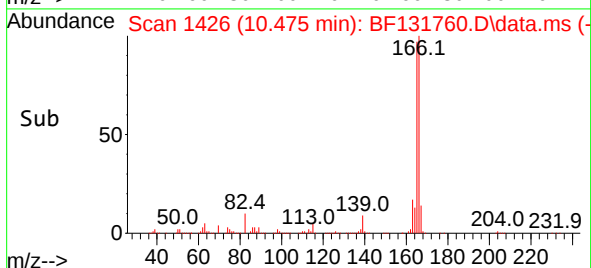
Tgt Ion:165 Resp: 208780  
Ion Ratio Lower Upper  
165 100  
63 58.7 41.5 62.3  
89 87.7 67.0 100.4  
182 2.3 2.2 3.4

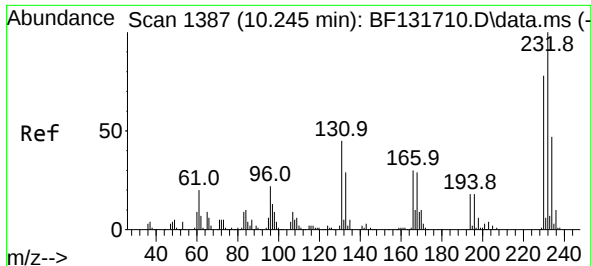


#58  
Fluorene  
Concen: 50.522 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03



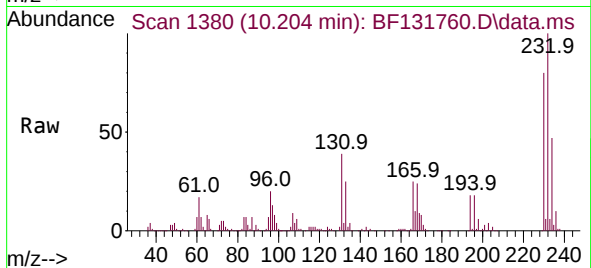
Tgt Ion:166 Resp: 630535  
Ion Ratio Lower Upper  
166 100  
165 97.4 75.8 113.8  
167 13.5 10.6 15.8



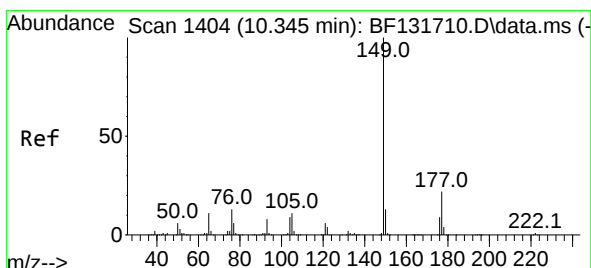
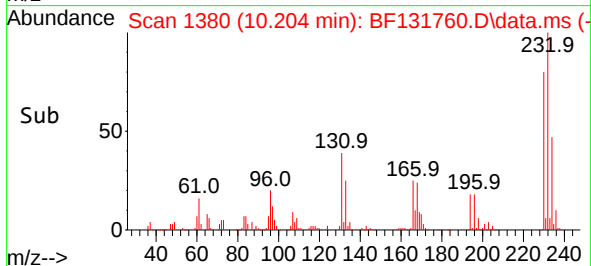
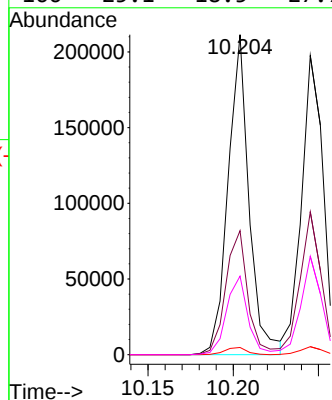


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.403 ng  
RT: 10.204 min Scan# 11  
Delta R.T. -0.041 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Instrument :  
BNA\_F  
ClientSampleId :

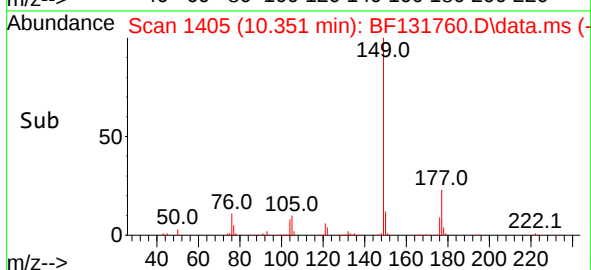
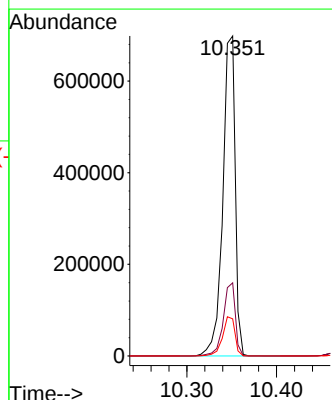
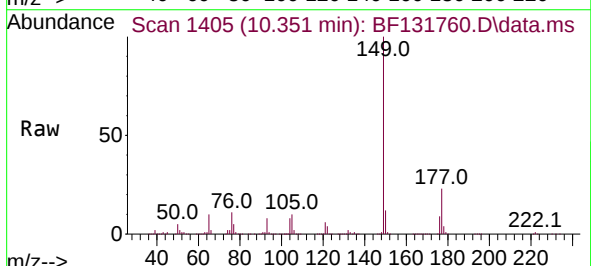


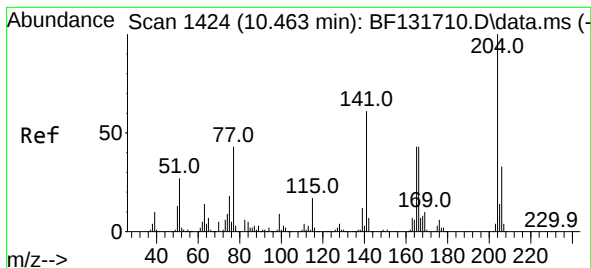
Tgt Ion:232 Resp: 181090  
Ion Ratio Lower Upper  
232 100  
131 40.5 29.9 44.9  
130 2.4 1.7 2.5  
166 25.1 18.5 27.7



#60  
Diethylphthalate  
Concen: 51.976 ng  
RT: 10.351 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion:149 Resp: 670316  
Ion Ratio Lower Upper  
149 100  
177 22.8 17.4 26.0  
150 11.6 10.2 15.2

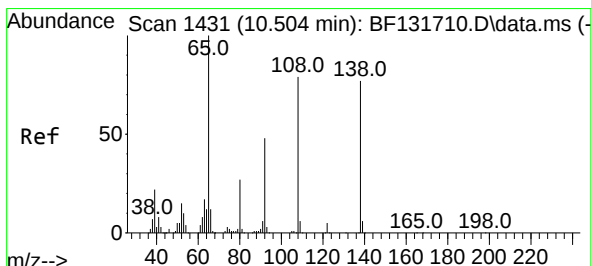
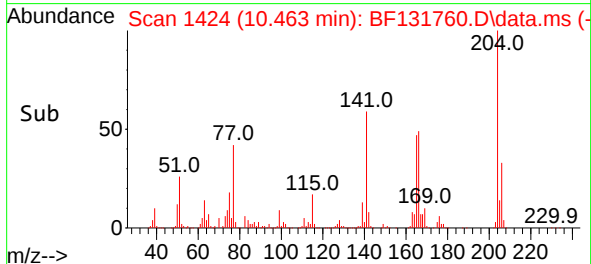
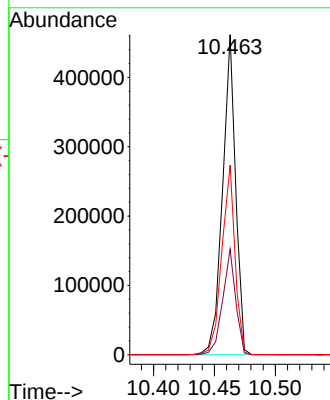
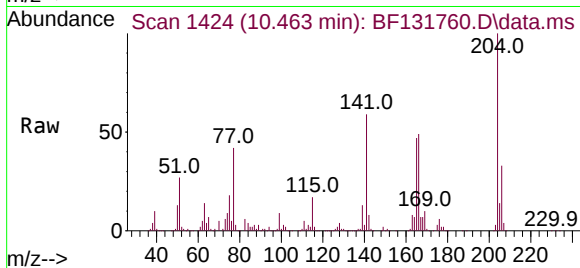




#61  
4-Chlorophenyl-phenylether  
Concen: 52.119 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

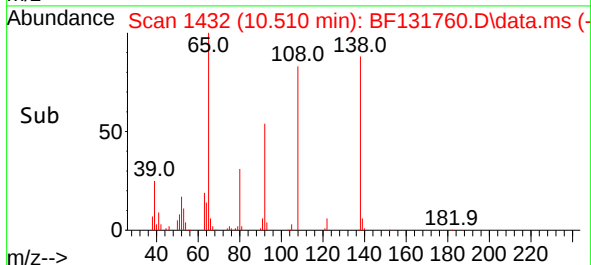
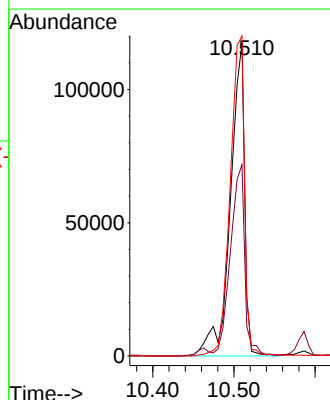
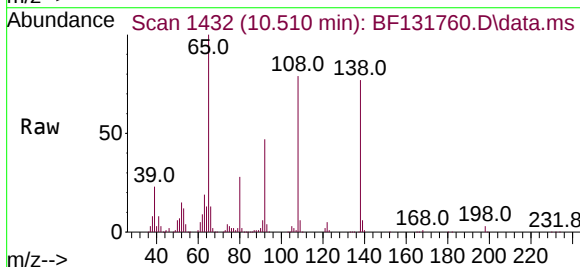
Instrument :  
BNA\_F  
ClientSampleId :

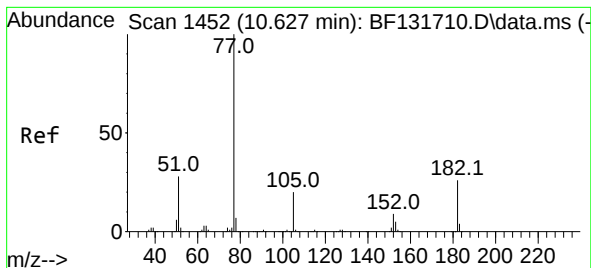
Tgt Ion:204 Resp: 345718  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.6 40.0  
141 59.2 48.6 72.8



#62  
4-Nitroaniline  
Concen: 48.221 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.006 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion:138 Resp: 142911  
Ion Ratio Lower Upper  
138 100  
92 61.2 42.1 82.1  
108 102.3 83.1 123.1





#63

Azobenzene

Concen: 51.459 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion: 77 Resp: 728772

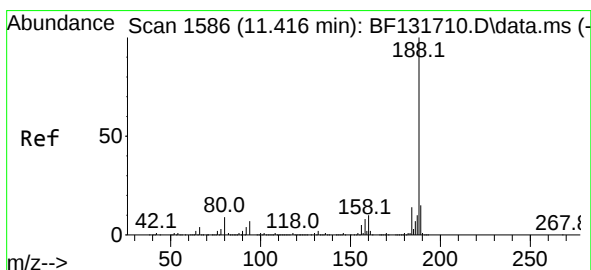
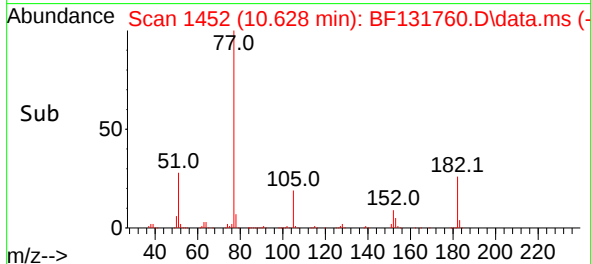
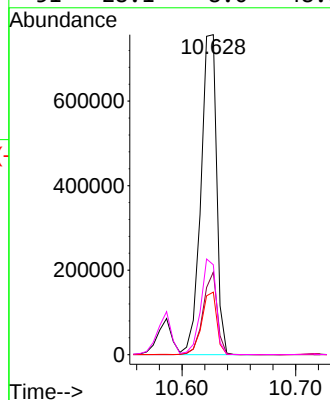
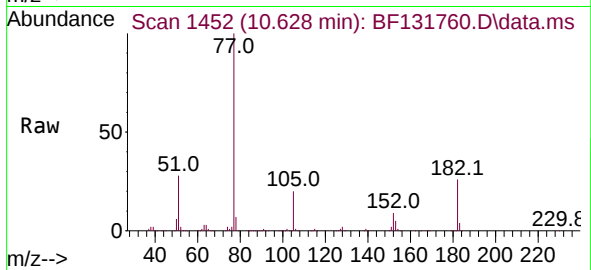
Ion Ratio Lower Upper

77 100

182 25.8 5.8 45.8

105 19.6 0.0 39.7

51 28.1 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

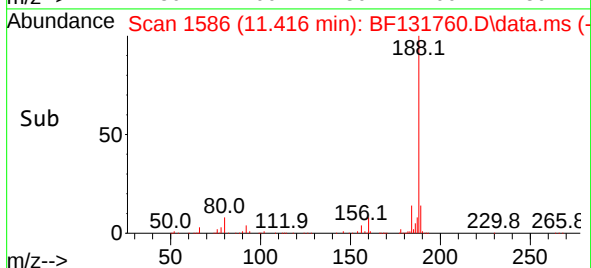
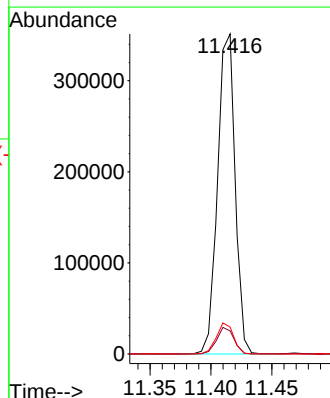
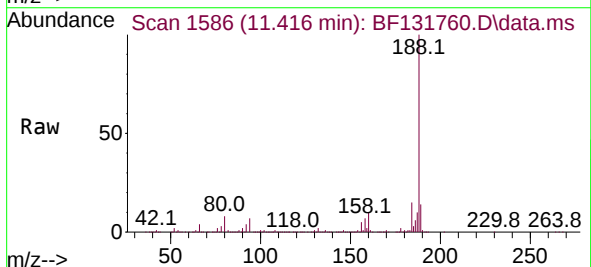
Tgt Ion: 188 Resp: 353223

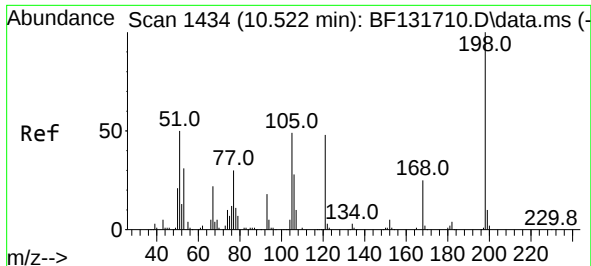
Ion Ratio Lower Upper

188 100

94 7.2 5.9 8.9

80 8.4 7.0 10.6

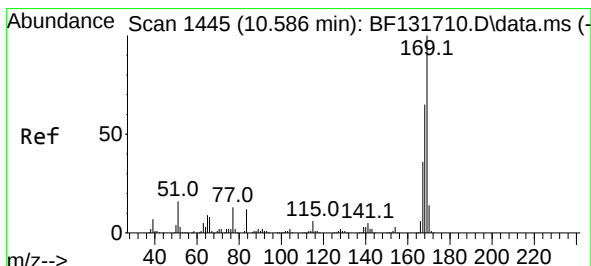
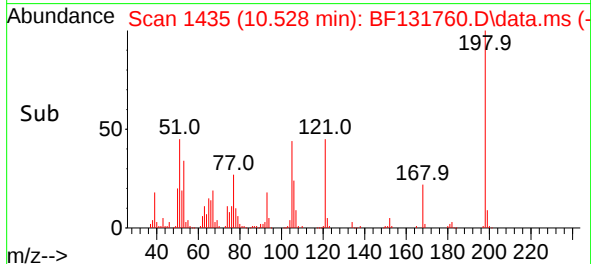
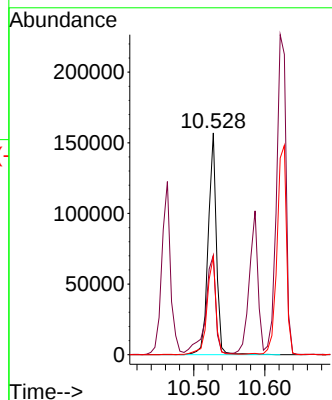
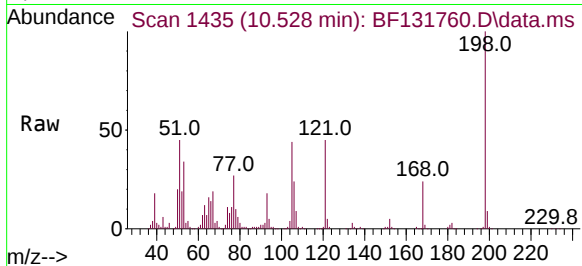




#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.222 ng  
RT: 10.528 min Scan# 1434  
Delta R.T. 0.006 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

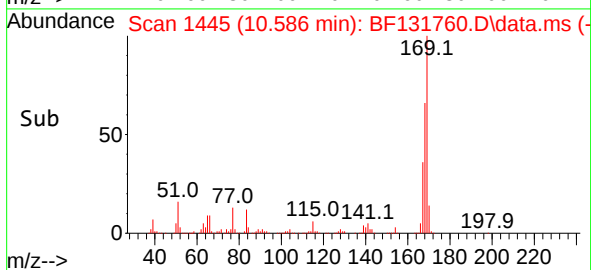
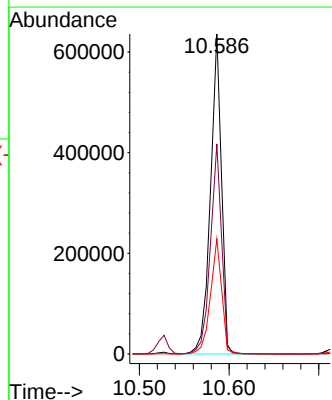
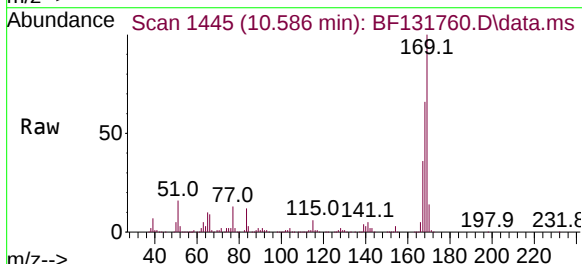
Instrument :  
BNA\_F  
ClientSampleId :

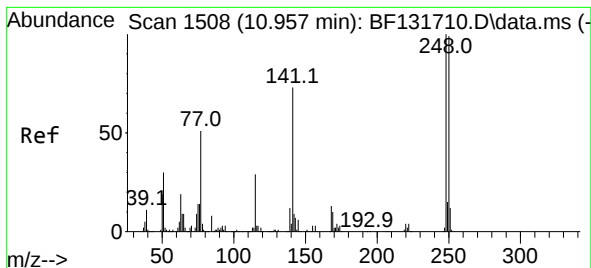
Tgt Ion:198 Resp: 126642  
Ion Ratio Lower Upper  
198 100  
51 44.8 34.1 74.1  
105 44.3 29.7 69.7



#66  
n-Nitrosodiphenylamine  
Concen: 49.535 ng  
RT: 10.586 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion:169 Resp: 542598  
Ion Ratio Lower Upper  
169 100  
168 65.6 52.4 78.6  
167 36.0 28.6 42.8

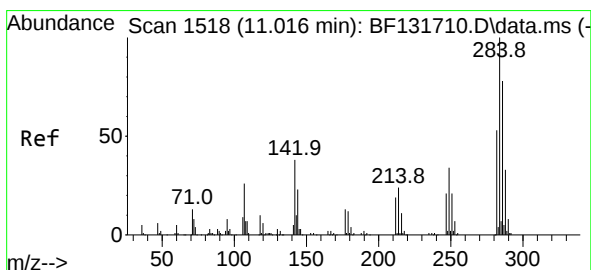
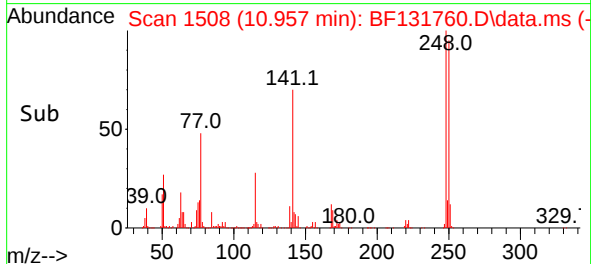
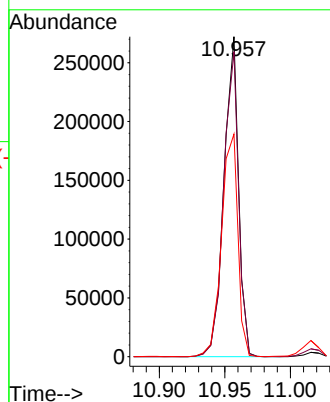
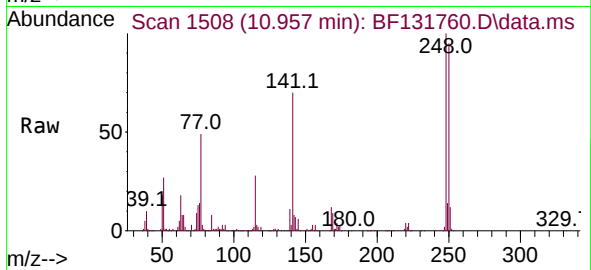




#67  
4-Bromophenyl-phenylether  
Concen: 50.557 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

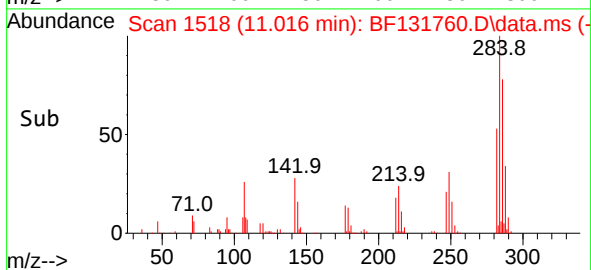
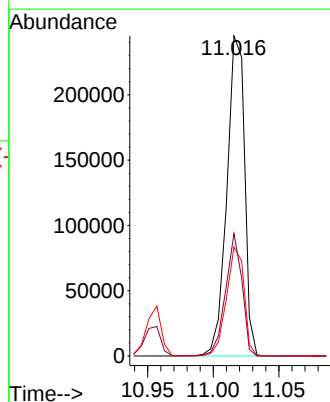
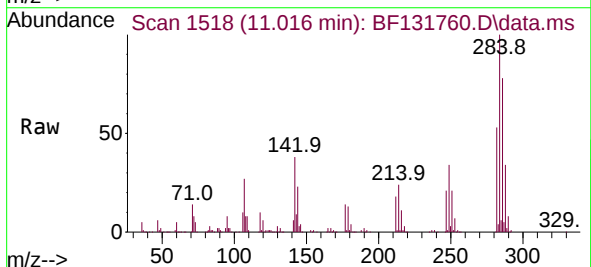
Instrument :  
BNA\_F  
ClientSampleId :

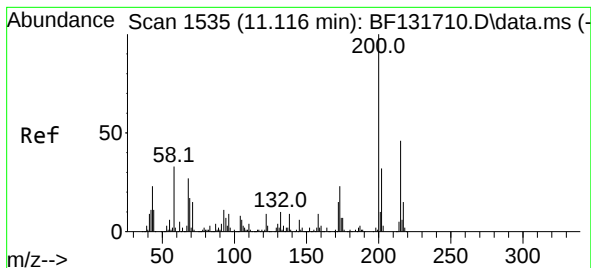
Tgt Ion:248 Resp: 210916  
Ion Ratio Lower Upper  
248 100  
250 95.3 79.4 119.0  
141 69.5 58.1 87.1



#68  
Hexachlorobenzene  
Concen: 50.214 ng  
RT: 11.016 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion:284 Resp: 230393  
Ion Ratio Lower Upper  
284 100  
142 38.3 30.2 45.4  
249 34.0 27.2 40.8





#69

Atrazine

Concen: 55.018 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

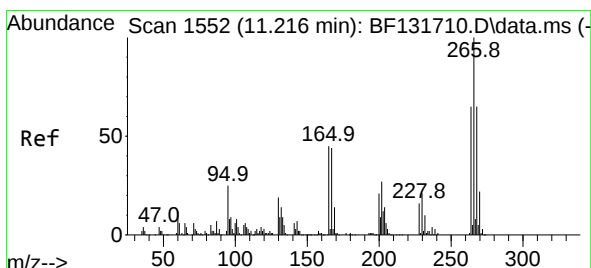
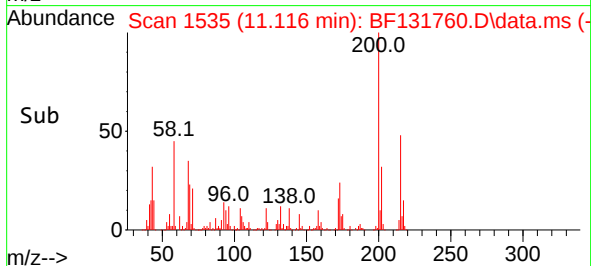
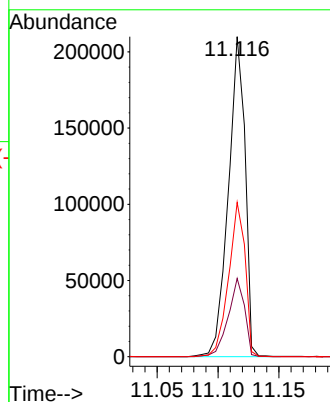
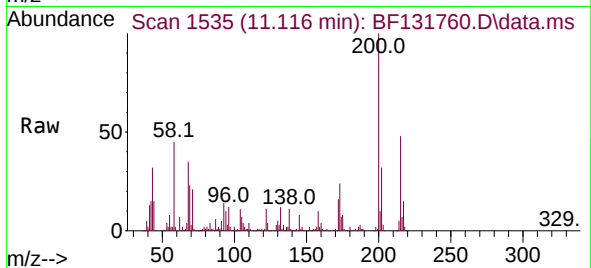
Tgt Ion:200 Resp: 200890

Ion Ratio Lower Upper

200 100

173 24.5 2.7 42.7

215 48.2 26.4 66.4



#70

Pentachlorophenol

Concen: 112.641 ng

RT: 11.216 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

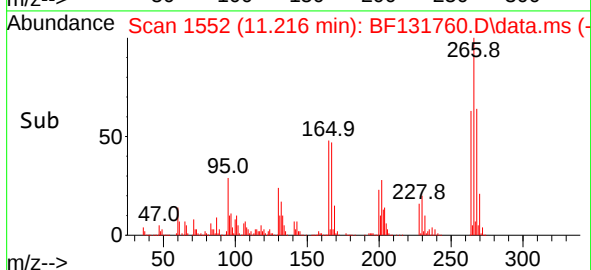
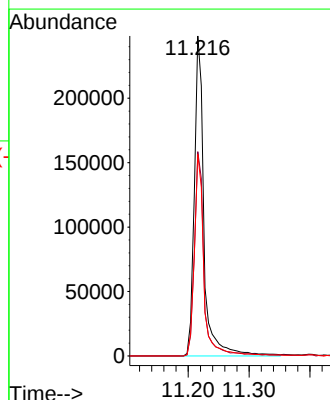
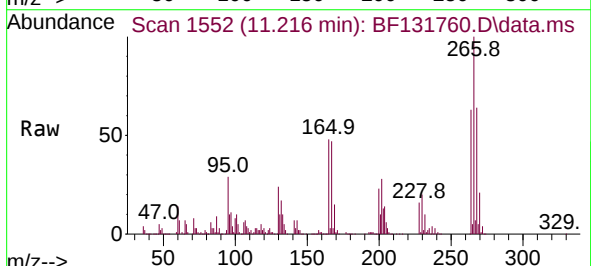
Tgt Ion:266 Resp: 274303

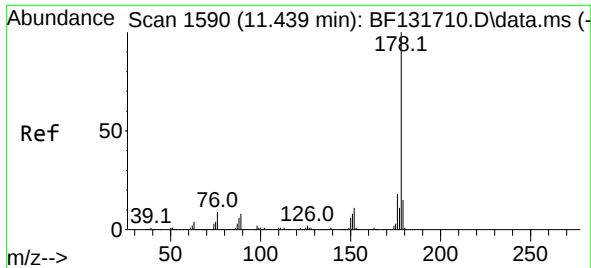
Ion Ratio Lower Upper

266 100

268 63.9 52.2 78.4

264 63.0 52.0 78.0

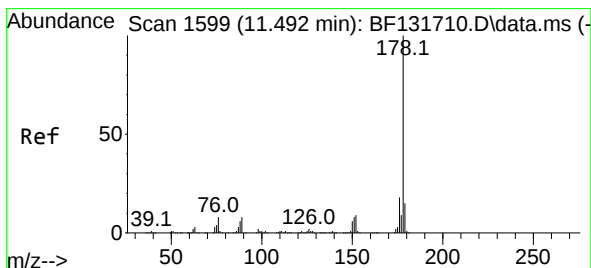
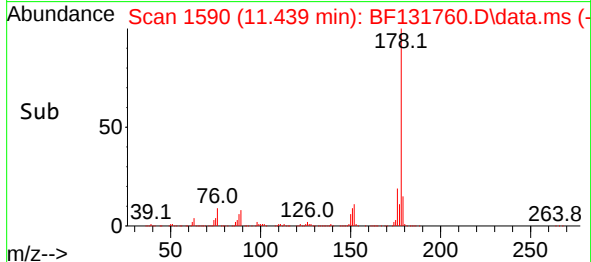
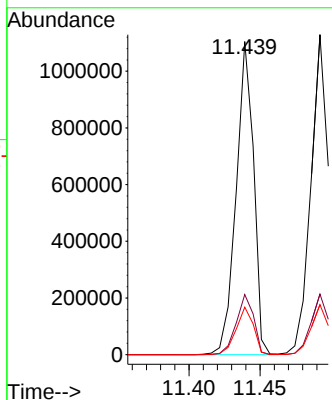
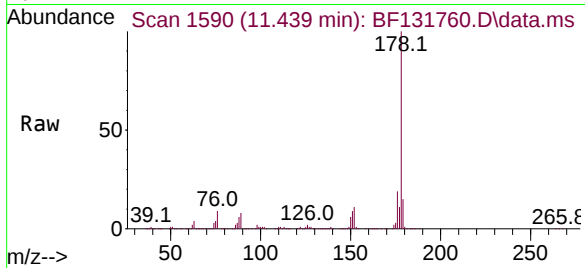




#71  
Phenanthrene  
Concen: 49.238 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

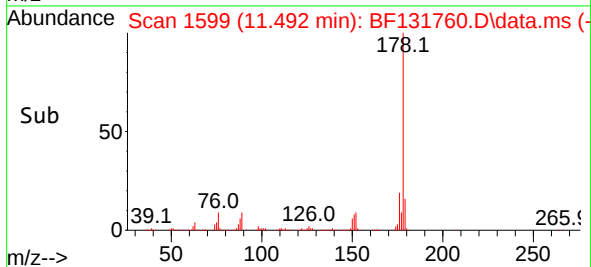
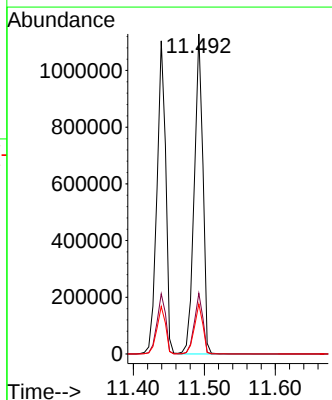
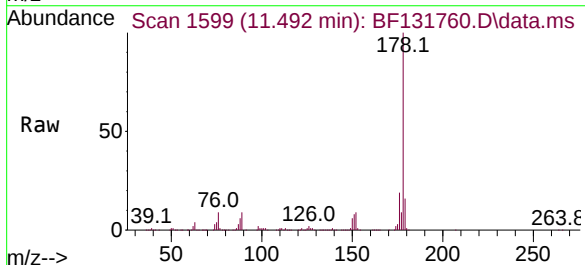
Instrument :  
BNA\_F  
ClientSampleId :

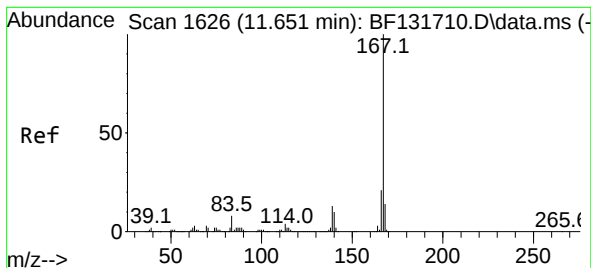
Tgt Ion:178 Resp: 948358  
Ion Ratio Lower Upper  
178 100  
176 19.2 14.8 22.2  
179 15.2 12.2 18.4



#72  
Anthracene  
Concen: 50.683 ng  
RT: 11.492 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion:178 Resp: 955823  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.6 21.8  
179 15.7 12.2 18.4





#73

Carbazole

Concen: 50.664 ng

RT: 11.651 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BF131760.D

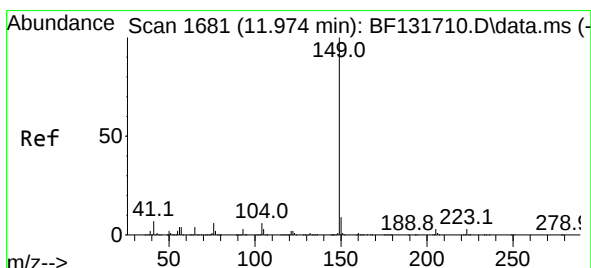
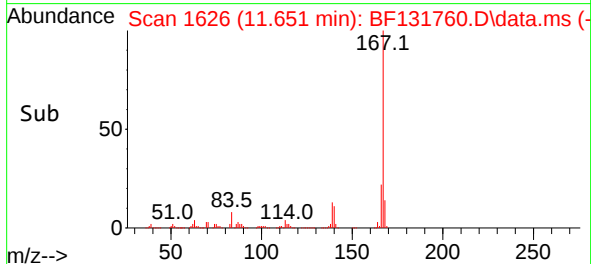
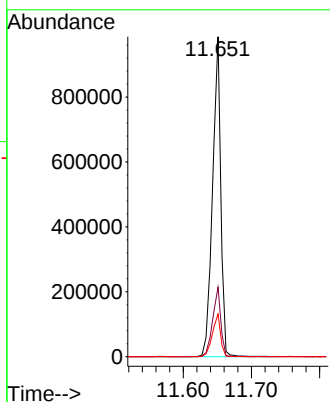
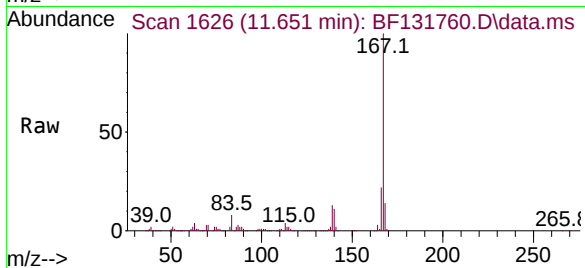
Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 167   | Resp: | 826637 |
| Ion      | Ratio | Lower | Upper  |
| 167      | 100   |       |        |
| 166      | 21.7  | 17.1  | 25.7   |
| 139      | 13.3  | 10.5  | 15.7   |



#74

Di-n-butylphthalate

Concen: 51.225 ng

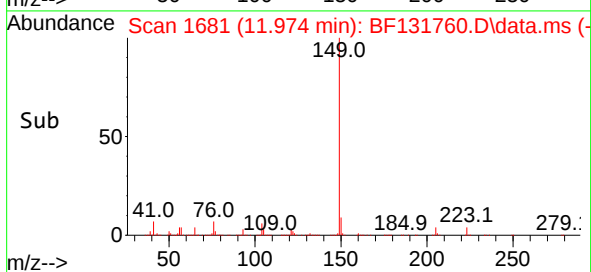
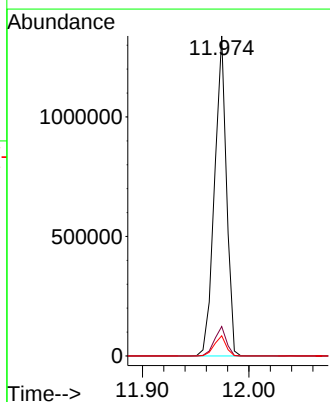
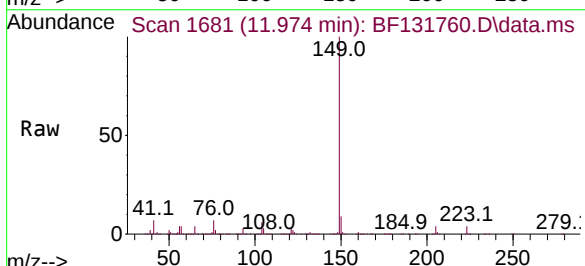
RT: 11.974 min Scan# 1681

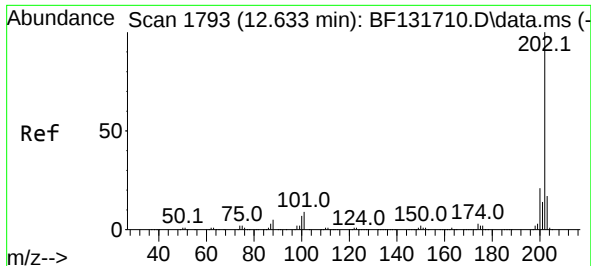
Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

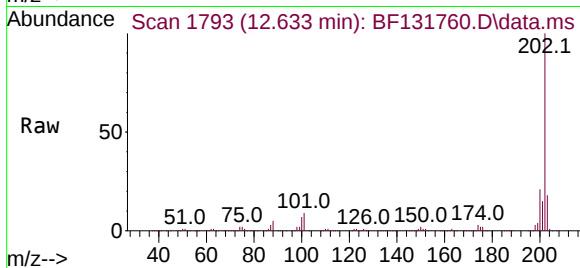
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1040723 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 150      | 9.2   | 7.4   | 11.2    |
| 104      | 6.3   | 5.0   | 7.4     |



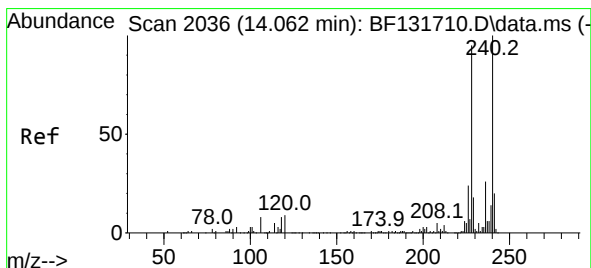
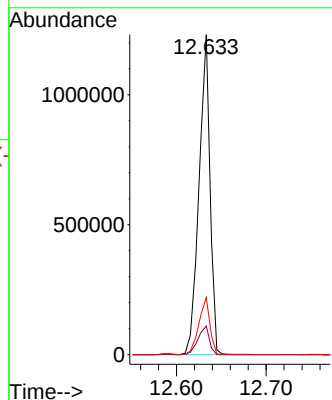
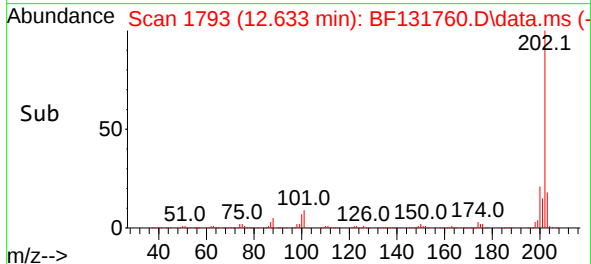


#75  
Fluoranthene  
Concen: 48.837 ng  
RT: 12.633 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

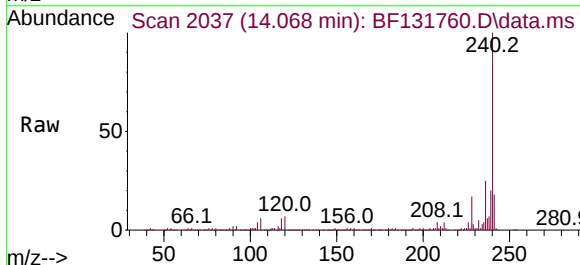
Instrument :  
BNA\_F  
ClientSampleId :



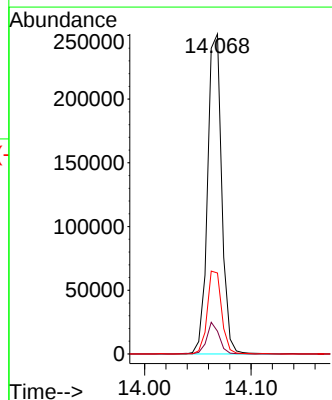
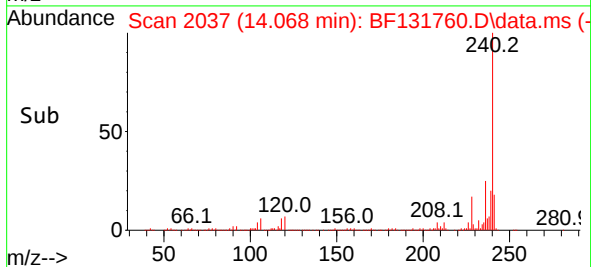
Tgt Ion:202 Resp: 1047586  
Ion Ratio Lower Upper  
202 100  
101 8.9 0.0 28.8  
203 17.9 0.0 37.1

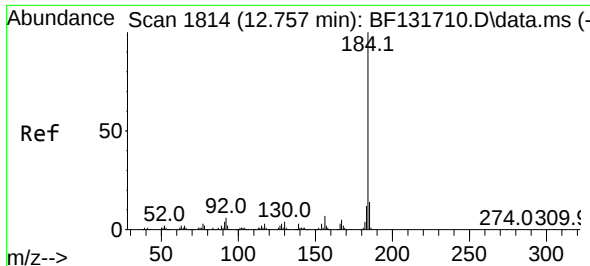


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. 0.006 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03



Tgt Ion:240 Resp: 231861  
Ion Ratio Lower Upper  
240 100  
120 7.1 7.6 11.4#  
236 25.3 21.2 31.8

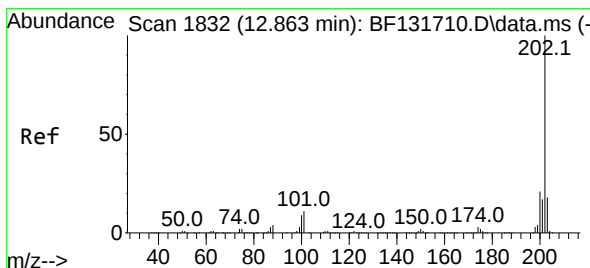
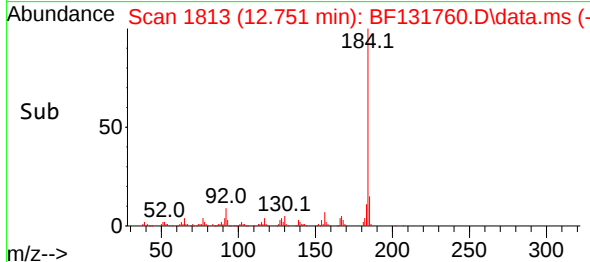
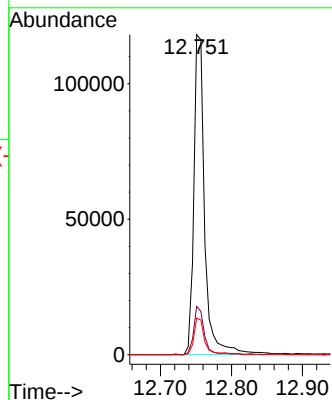
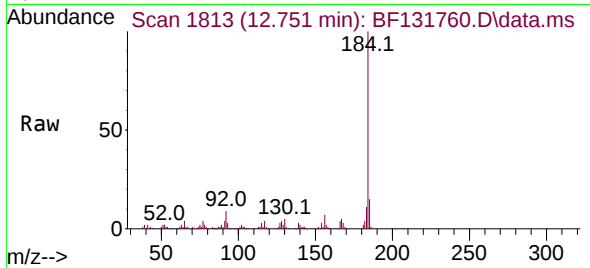




#77  
Benzidine  
Concen: 29.609 ng  
RT: 12.751 min Scan# 1813  
Delta R.T. -0.006 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

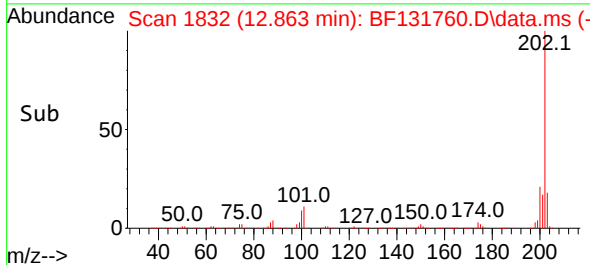
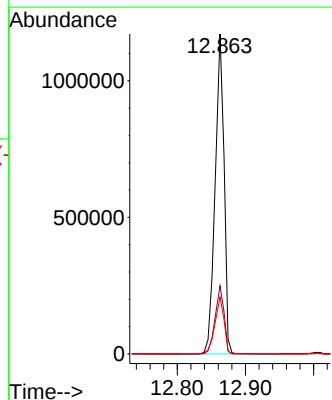
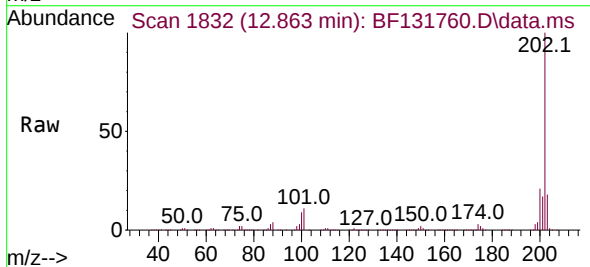
Instrument :  
BNA\_F  
ClientSampleId :

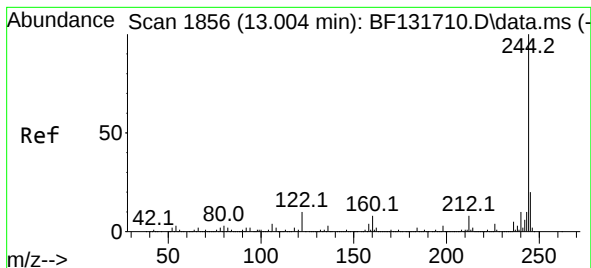
Tgt Ion:184 Resp: 125885  
Ion Ratio Lower Upper  
184 100  
185 15.1 11.3 16.9  
183 11.4 9.3 13.9



#78  
Pyrene  
Concen: 50.687 ng  
RT: 12.863 min Scan# 1832  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion:202 Resp: 1068517  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.1 25.7  
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 103.146 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

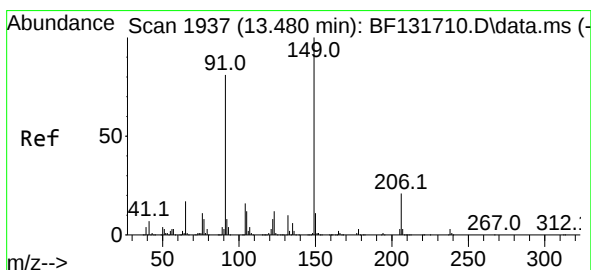
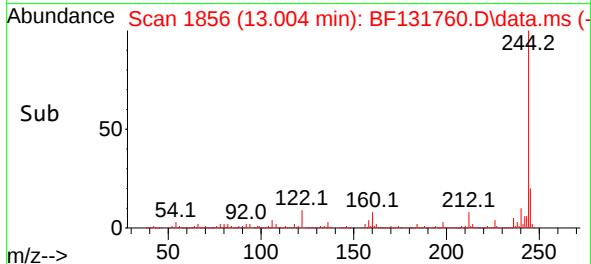
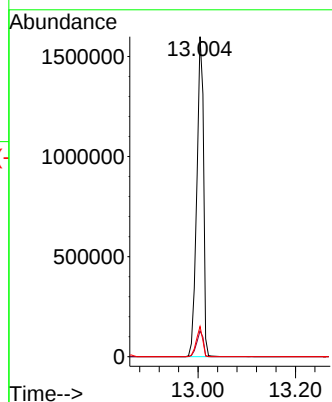
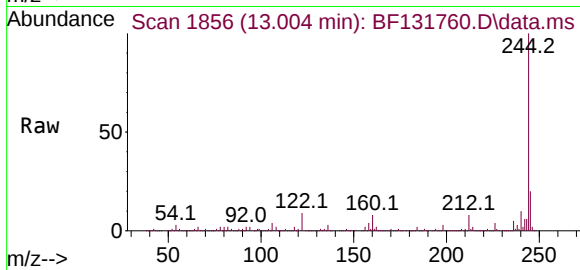
Tgt Ion:244 Resp: 1534504

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 9.5 7.7 11.5



#80

Butylbenzylphthalate

Concen: 56.087 ng

RT: 13.480 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

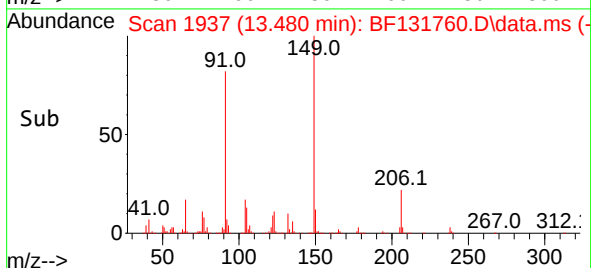
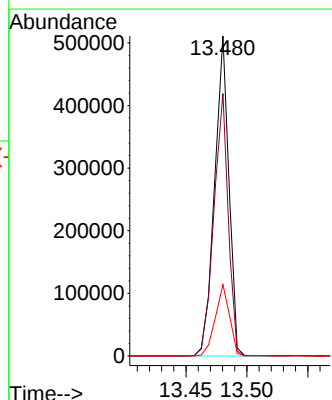
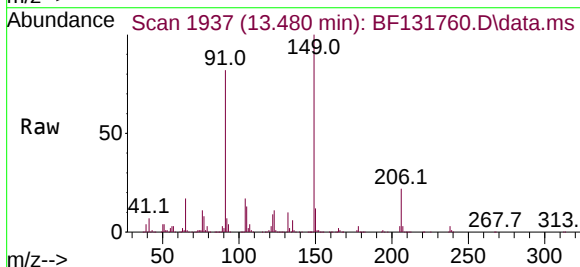
Tgt Ion:149 Resp: 417010

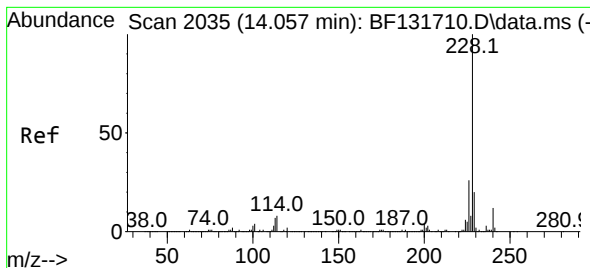
Ion Ratio Lower Upper

149 100

91 82.0 64.9 97.3

206 22.3 17.0 25.4





#81

Benzo(a)anthracene

Concen: 51.769 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

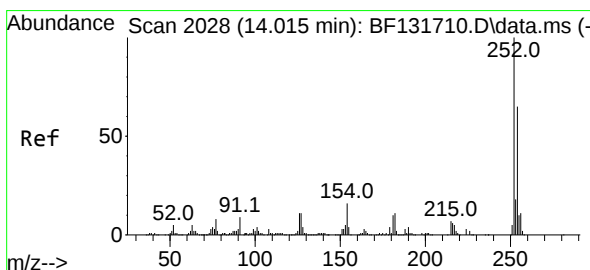
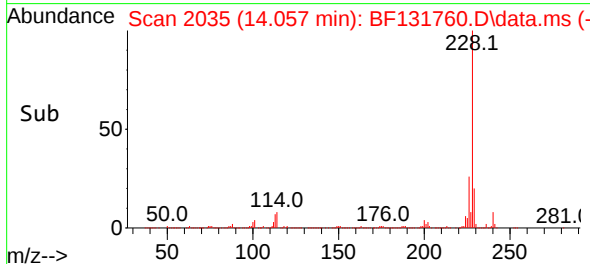
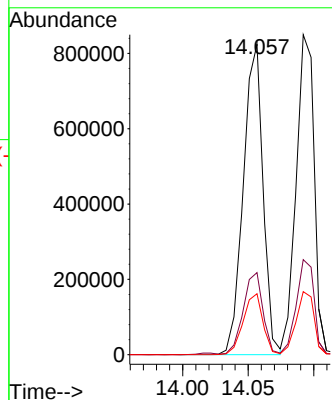
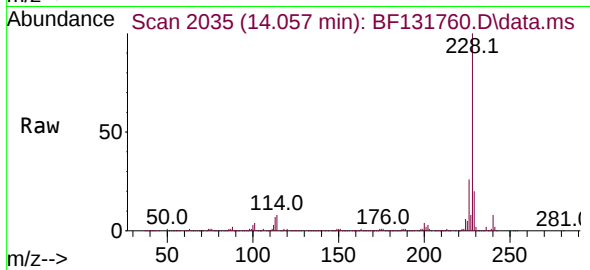
Tgt Ion:228 Resp: 864487

Ion Ratio Lower Upper

228 100

226 26.5 21.0 31.4

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.153 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

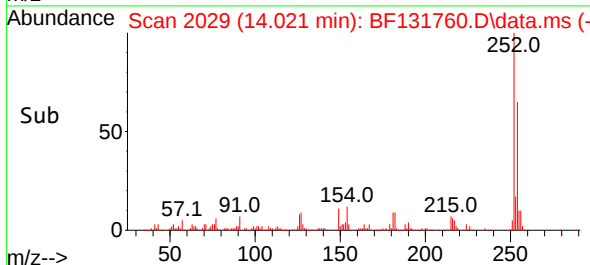
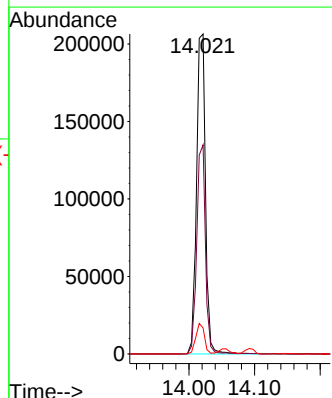
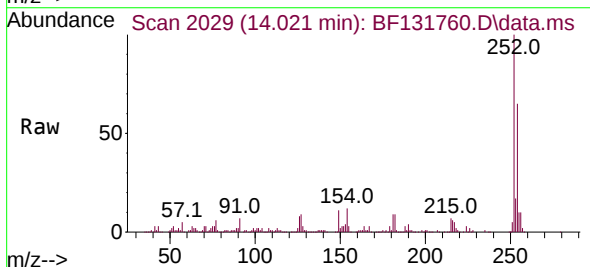
Tgt Ion:252 Resp: 196527

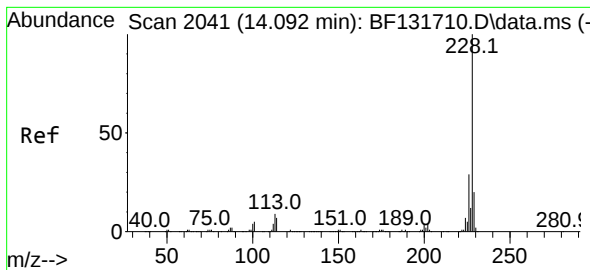
Ion Ratio Lower Upper

252 100

254 65.4 52.1 78.1

126 8.1 8.4 12.6#





#83

Chrysene

Concen: 51.733 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

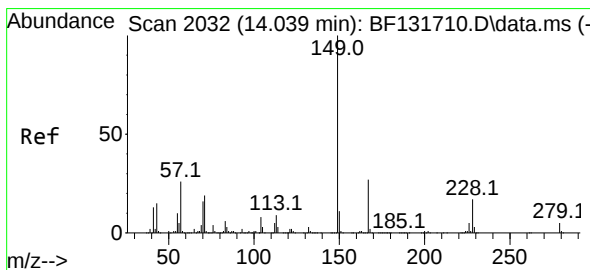
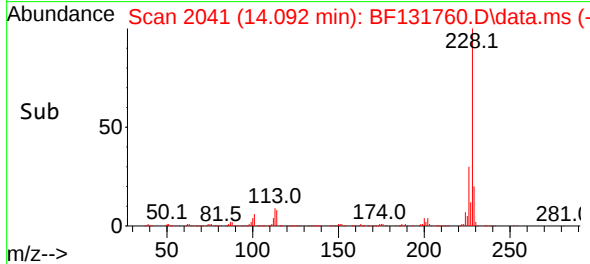
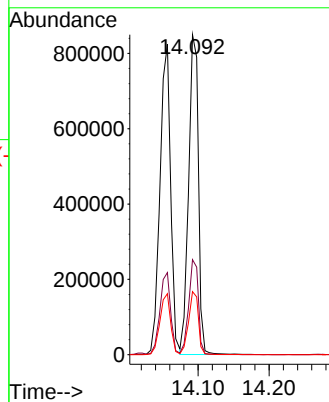
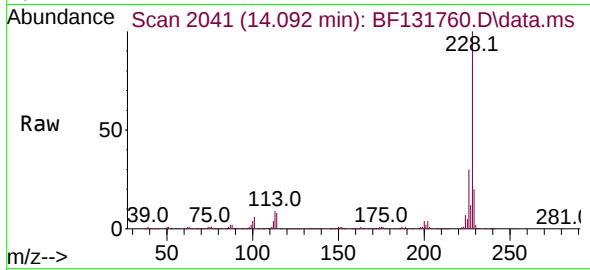
Tgt Ion:228 Resp: 815369

Ion Ratio Lower Upper

228 100

226 29.7 23.5 35.3

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.828 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

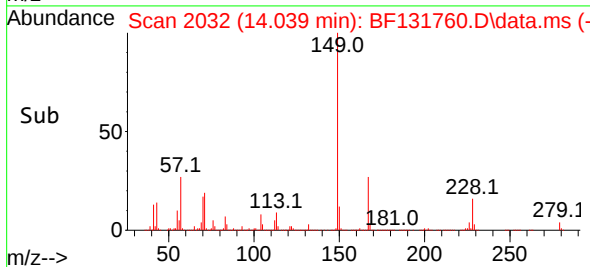
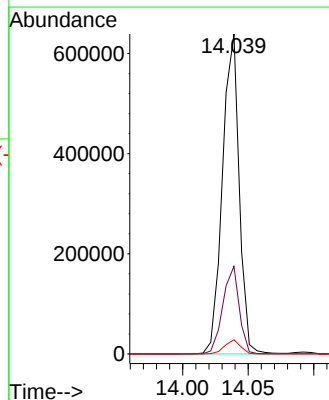
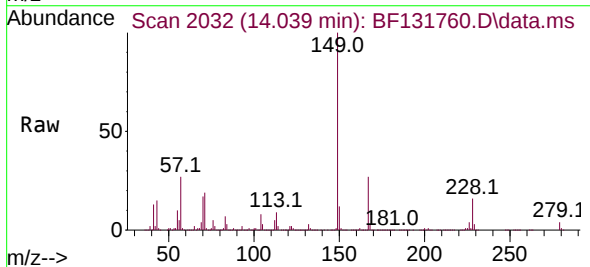
Tgt Ion:149 Resp: 565883

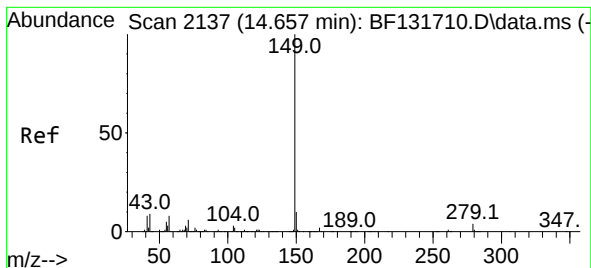
Ion Ratio Lower Upper

149 100

167 27.4 21.7 32.5

279 4.4 3.8 5.6

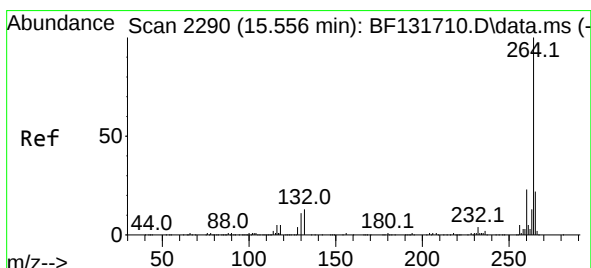
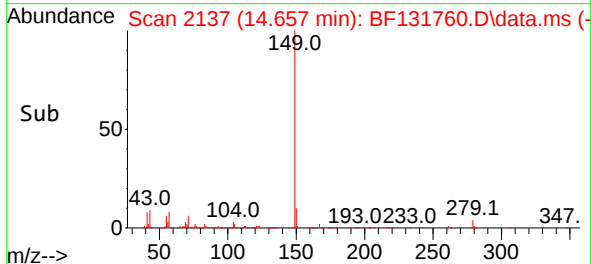
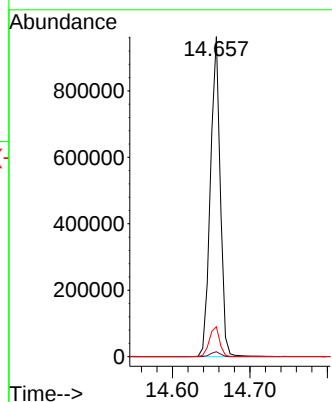
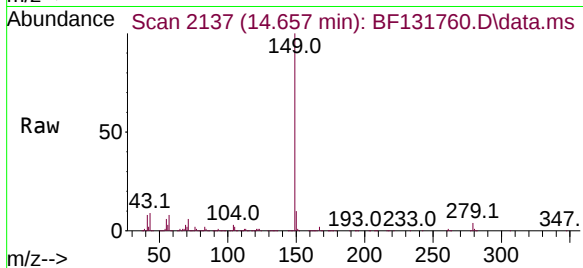




#85  
Di-n-octyl phthalate  
Concen: 68.678 ng  
RT: 14.657 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

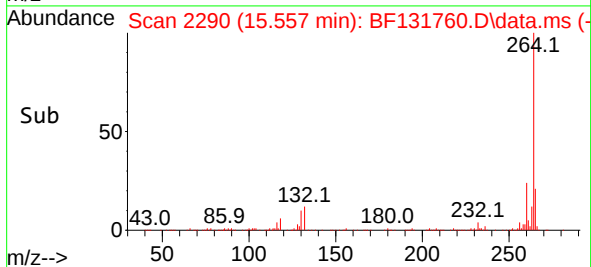
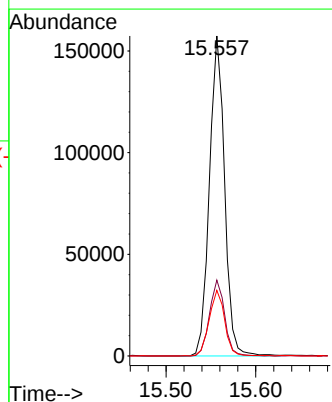
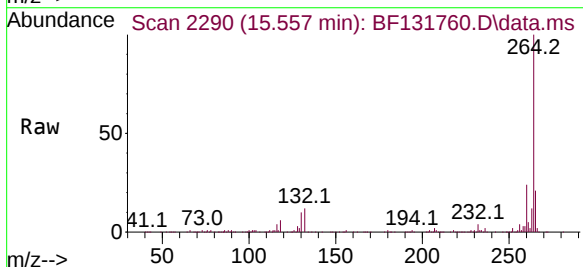
Instrument :  
BNA\_F  
ClientSampleId :

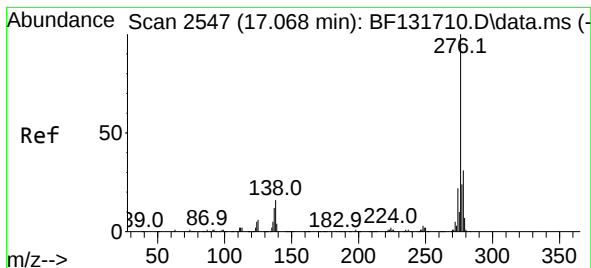
Tgt Ion:149 Resp: 849939  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 9.7 8.3 12.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.557 min Scan# 2290  
Delta R.T. 0.000 min  
Lab File: BF131760.D  
Acq: 21 Dec 2022 23:03

Tgt Ion:264 Resp: 184881  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.6 28.0  
265 20.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.879 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

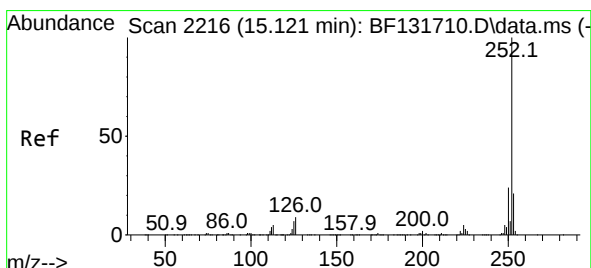
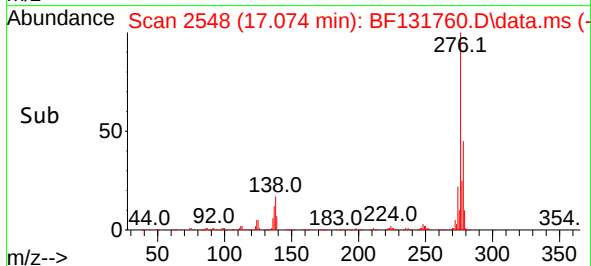
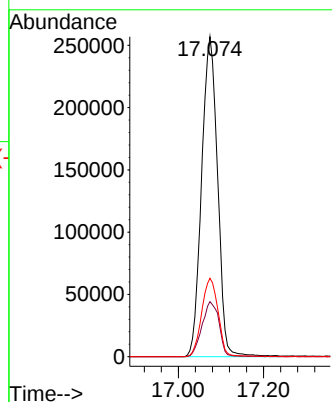
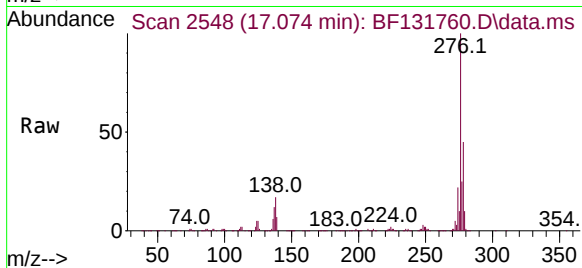
Tgt Ion:276 Resp: 669084

Ion Ratio Lower Upper

276 100

138 18.3 14.4 21.6

277 25.2 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 51.284 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

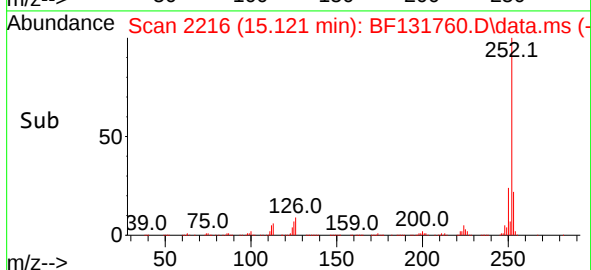
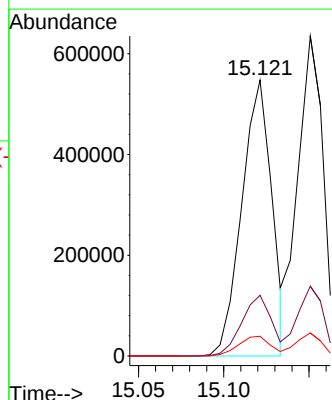
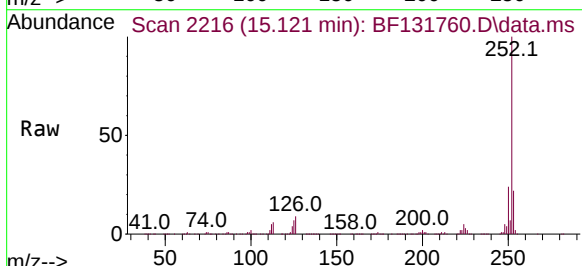
Tgt Ion:252 Resp: 670795

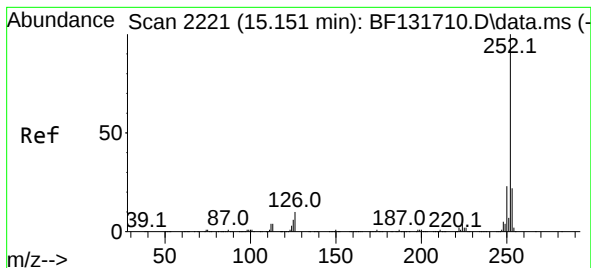
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 7.1 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 53.049 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNF

ClientSampleId :

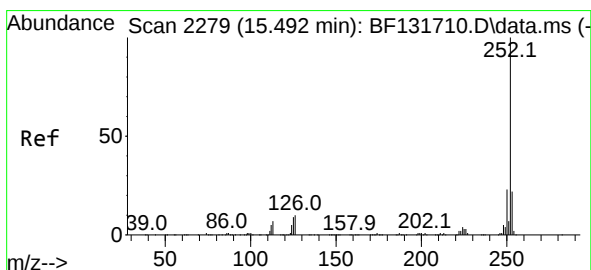
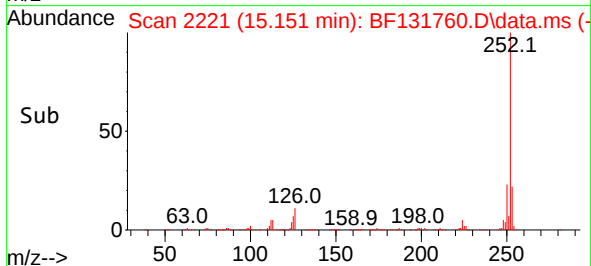
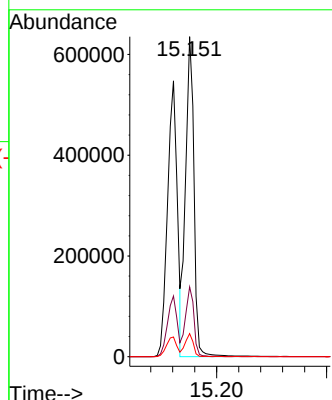
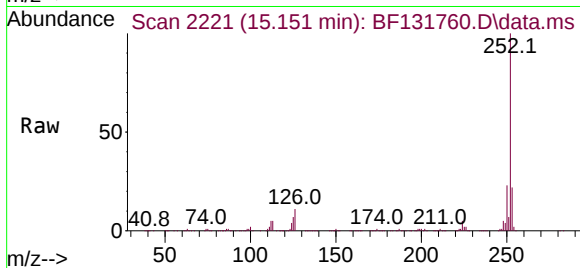
Tgt Ion:252 Resp: 677091

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 7.2 5.2 7.8



#90

Benzo(a)pyrene

Concen: 54.482 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

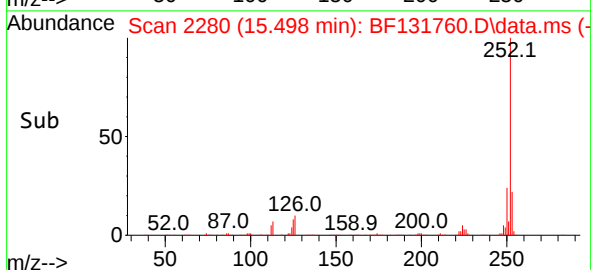
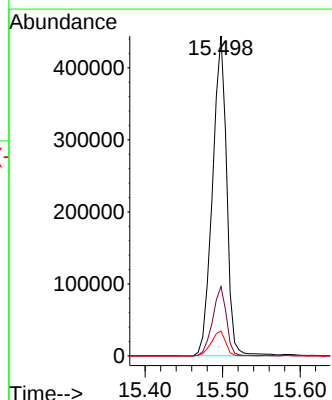
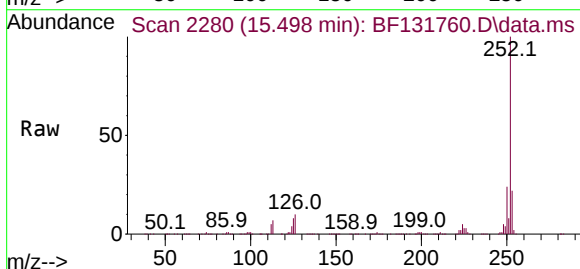
Tgt Ion:252 Resp: 564476

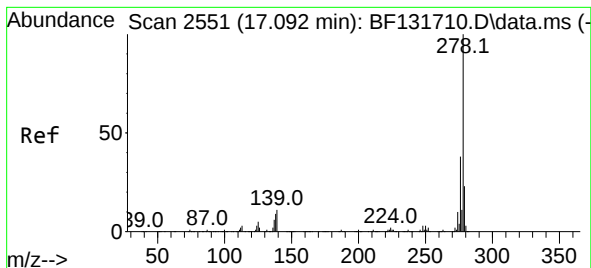
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.7 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 54.068 ng

RT: 17.092 min Scan# 2551

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA\_F

ClientSampleId :

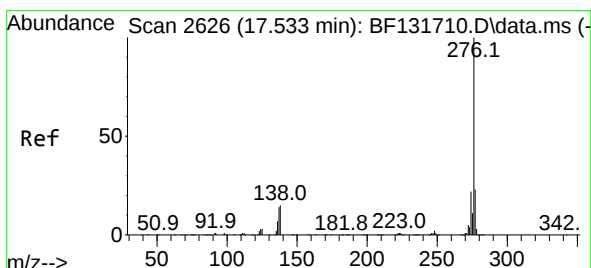
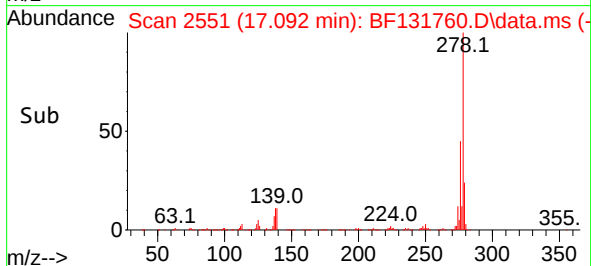
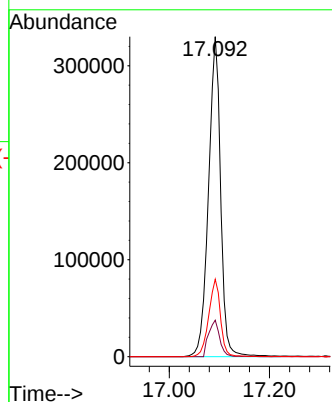
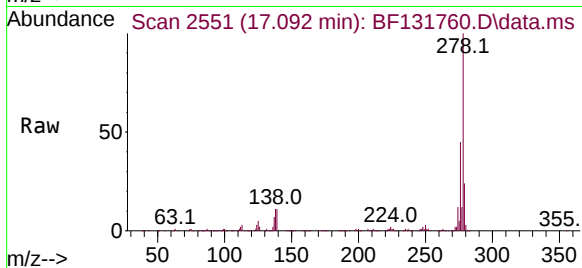
Tgt Ion:278 Resp: 554866

Ion Ratio Lower Upper

278 100

139 11.4 8.7 13.1

279 24.2 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 54.935 ng

RT: 17.533 min Scan# 2626

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Tgt Ion:276 Resp: 557227

Ion Ratio Lower Upper

276 100

277 24.1 18.3 27.5

138 16.0 12.3 18.5

