

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122122\  
 Data File : BF131753.D  
 Acq On : 21 Dec 2022 19:23  
 Operator : CG\JU  
 Sample : PB149691BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149691BSD

Quant Time: Dec 22 05:49:23 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     | 6.863  | 152  | 90332    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 344999   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 207481   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 399240   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.069 | 240  | 296258   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.557 | 264  | 204349   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 759861   | 141.646 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.504  | 99   | 981042   | 135.870 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 683149   | 80.387  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 309704   | 136.376 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1185771  | 80.058  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 1592607  | 83.782  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.699  | 88   | 96581    | 38.527  | ng    | 99       |
| 3) Pyridine                   | 3.446  | 79   | 248019   | 34.697  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.422  | 42   | 140749   | 43.521  | ng    | 99       |
| 6) Aniline                    | 6.534  | 93   | 156824   | 17.593  | ng    | 95       |
| 8) 2-Chlorophenol             | 6.651  | 128  | 260907   | 45.282  | ng    | 98       |
| 9) Benzaldehyde               | 6.416  | 77   | 74738    | 14.855  | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 359854   | 41.743  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 295879   | 47.962  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.804  | 146  | 283057   | 43.459  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 289478   | 43.481  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.034  | 146  | 276352   | 44.333  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 167336   | 25.947  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.140  | 45   | 350241   | 44.525  | ng    | 90       |
| 17) 2-Methylphenol            | 7.128  | 107  | 230346   | 42.348  | ng    | 98       |
| 18) Hexachloroethane          | 7.381  | 117  | 118567   | 44.926  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 226367   | 43.470  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 291861   | 41.691  | ng    | 93       |
| 22) Acetophenone              | 7.281  | 105  | 424480   | 42.161  | ng    | 94       |
| 24) Nitrobenzene              | 7.457  | 77   | 346212   | 40.073  | ng    | 97       |
| 25) Isophorone                | 7.692  | 82   | 622423   | 43.127  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 140632   | 41.651  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 236910   | 49.264  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 348716   | 45.501  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 237457   | 40.902  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 279156   | 40.902  | ng    | 98       |
| 31) Naphthalene               | 8.181  | 128  | 747703   | 39.684  | ng    | 100      |
| 32) Benzoic acid              | 7.951  | 122  | 177471   | 46.103  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 72806    | 9.908   | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 184453   | 40.169  | ng    | 100      |
| 35) Caprolactam               | 8.610  | 113  | 45142    | 25.787  | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 278998   | 42.069  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 515136   | 40.081  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 479146   | 38.493  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 292516   | 41.208  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 365976   | 113.797 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 179507   | 38.711  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122122\  
 Data File : BF131753.D  
 Acq On : 21 Dec 2022 19:23  
 Operator : CG\JU  
 Sample : PB149691BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149691BSD

Quant Time: Dec 22 05:49:23 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

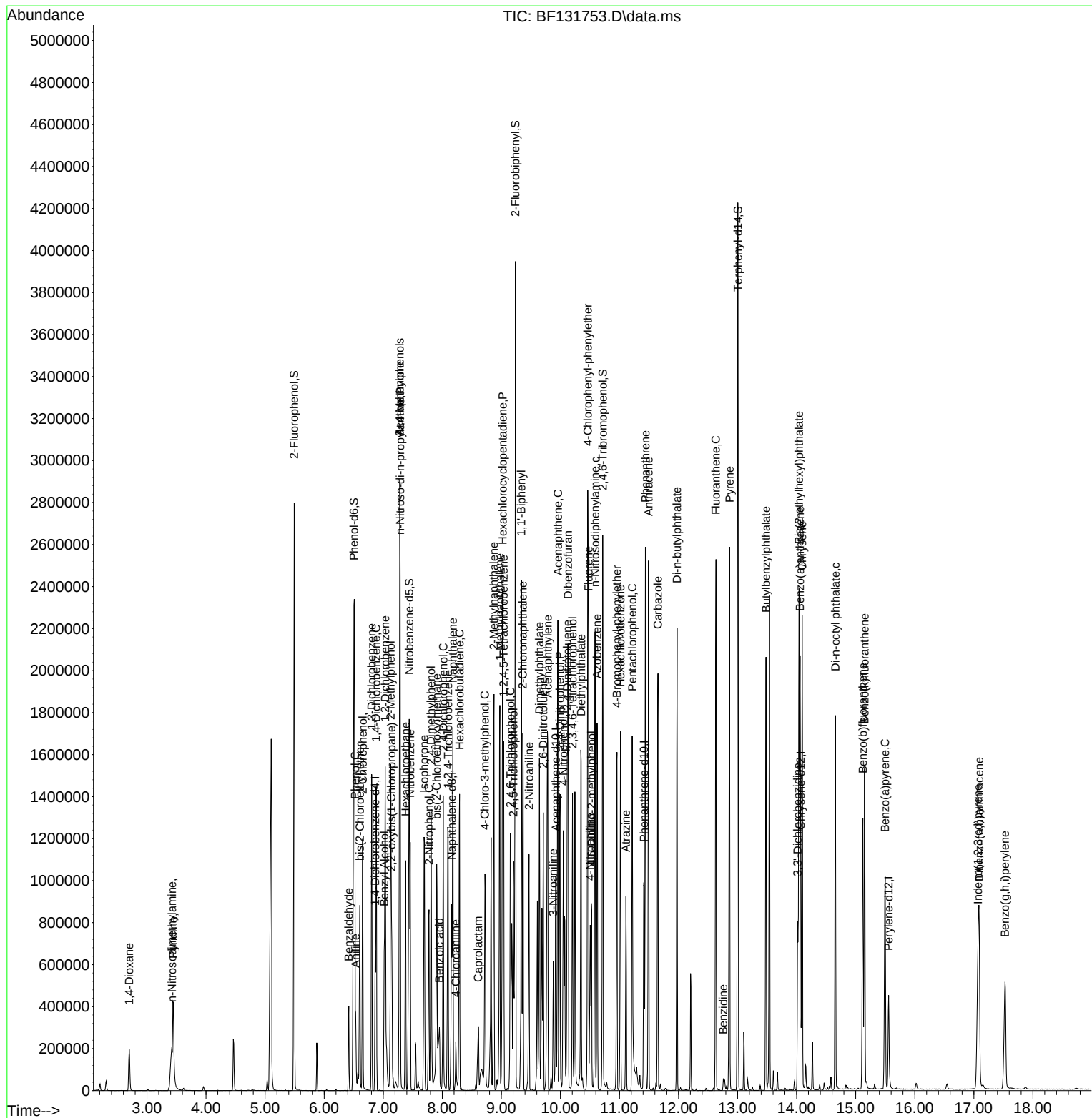
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 206589   | 41.154 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 641721   | 41.119 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 518495   | 40.573 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 184377   | 40.029 | ng    | 100      |
| 49) Acenaphthylene            | 9.786  | 152  | 771303   | 40.240 | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 641087   | 41.064 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 138377   | 41.221 | ng    | 99       |
| 52) Acenaphthene              | 9.957  | 154  | 471207   | 40.130 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.881  | 138  | 75126    | 21.872 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 182510   | 90.736 | ng    | 99       |
| 55) Dibenzofuran              | 10.128 | 168  | 711582   | 39.520 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 190020   | 77.294 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 190092   | 42.141 | ng    | 96       |
| 58) Fluorene                  | 10.475 | 166  | 584539   | 40.154 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 166114   | 39.638 | ng    | 95       |
| 60) Diethylphthalate          | 10.351 | 149  | 617303   | 41.036 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 318280   | 41.136 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 127176   | 36.789 | ng    | 92       |
| 63) Azobenzene                | 10.622 | 77   | 664622   | 40.233 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198  | 117032   | 42.696 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 494985   | 39.980 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 194665   | 41.284 | ng    | 95       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 212500   | 40.976 | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 105211   | 25.493 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 240599   | 87.412 | ng    | 96       |
| 71) Phenanthrene              | 11.439 | 178  | 869062   | 39.920 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 875257   | 41.061 | ng    | 99       |
| 73) Carbazole                 | 11.651 | 167  | 767680   | 41.627 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 980098   | 42.681 | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 1013612  | 41.806 | ng    | 99       |
| 77) Benzidine                 | 12.757 | 184  | 33386    | 6.146  | ng    | 98       |
| 78) Pyrene                    | 12.863 | 202  | 1027927  | 38.163 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 408574   | 43.008 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 852128   | 39.937 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 161715   | 27.147 | ng    | 99       |
| 83) Chrysene                  | 14.092 | 228  | 797382   | 39.595 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 554526   | 48.951 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 843397   | 53.336 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.068 | 276  | 578291   | 42.132 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 669679   | 46.321 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 666465   | 47.242 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.498 | 252  | 541622   | 47.296 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.092 | 278  | 497836   | 43.889 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.527 | 276  | 468705   | 41.806 | ng    | 98       |

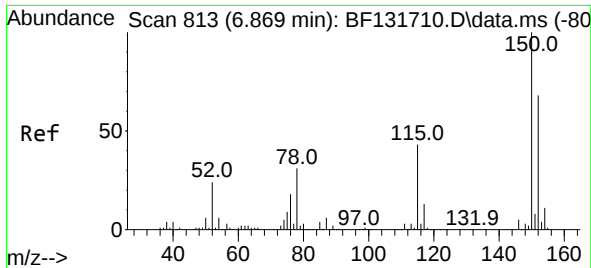
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122122\  
Data File : BF131753.D  
Acq On : 21 Dec 2022 19:23  
Operator : CG\JU  
Sample : PB149691BSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

Quant Time: Dec 22 05:49:23 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

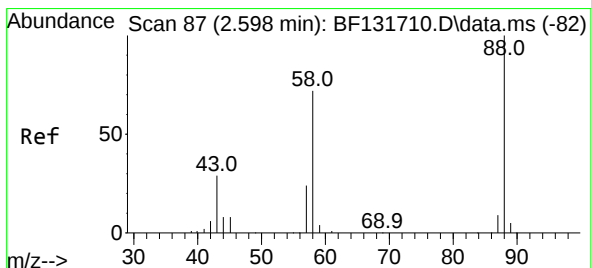
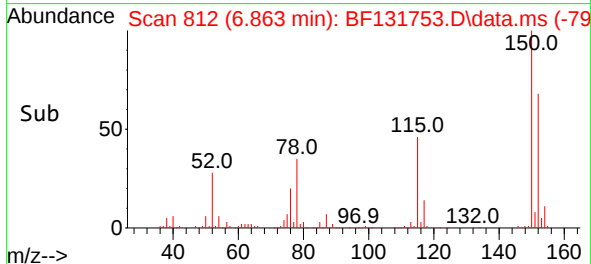
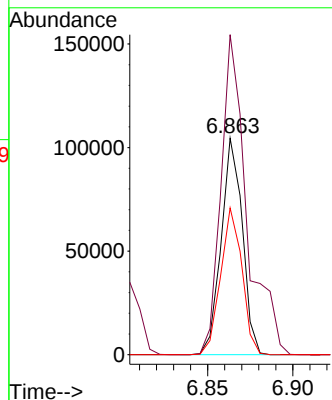
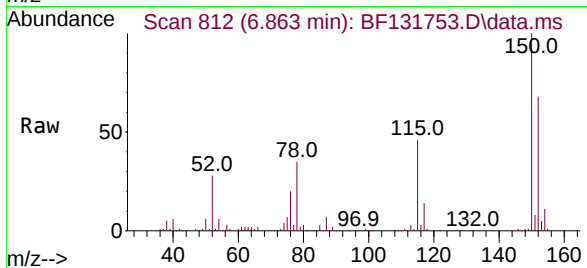




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.863 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF131753.D  
 Acq: 21 Dec 2022 19:23

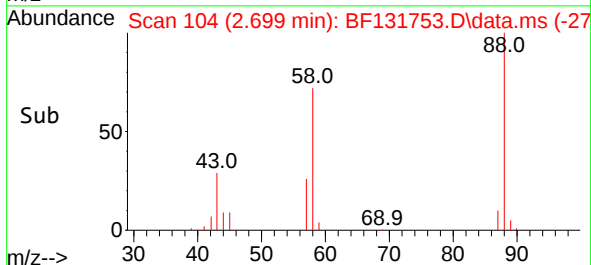
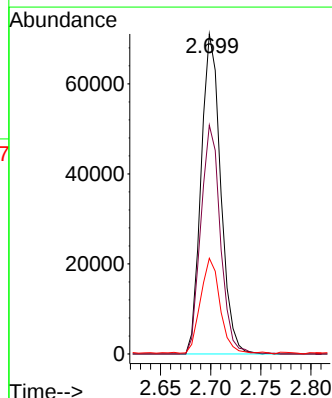
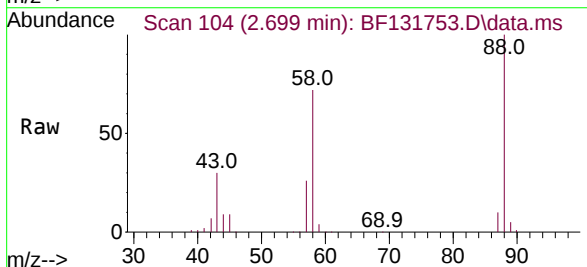
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149691BSD

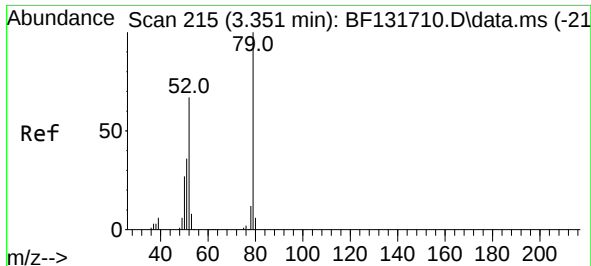
Tgt Ion:152 Resp: 90332  
 Ion Ratio Lower Upper  
 152 100  
 150 147.8 117.4 176.0  
 115 67.8 50.2 75.4



#2  
 1,4-Dioxane  
 Concen: 38.527 ng  
 RT: 2.699 min Scan# 104  
 Delta R.T. 0.100 min  
 Lab File: BF131753.D  
 Acq: 21 Dec 2022 19:23

Tgt Ion: 88 Resp: 96581  
 Ion Ratio Lower Upper  
 88 100  
 58 71.6 57.5 86.3  
 43 30.5 23.3 34.9





#3

Pyridine

Concen: 34.697 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.094 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

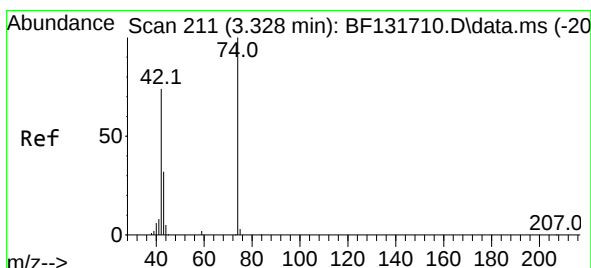
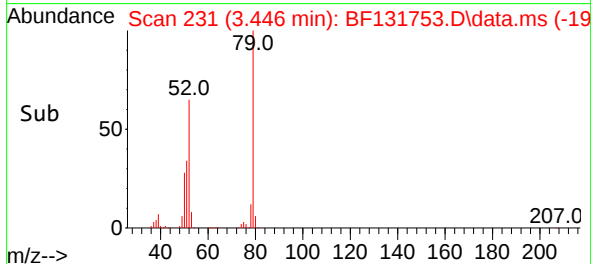
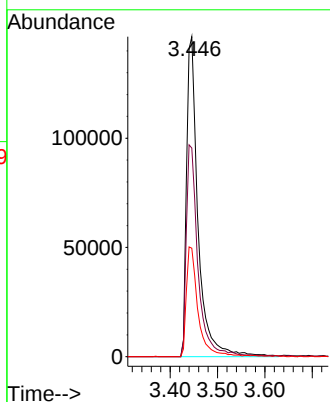
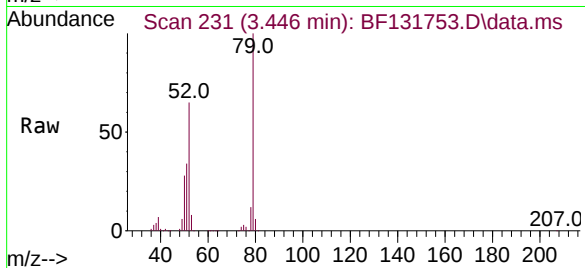
Tgt Ion: 79 Resp: 248019

Ion Ratio Lower Upper

79 100

52 65.2 53.7 80.5

51 33.9 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 43.521 ng

RT: 3.422 min Scan# 227

Delta R.T. 0.094 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

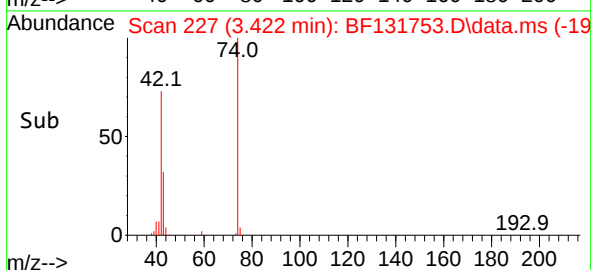
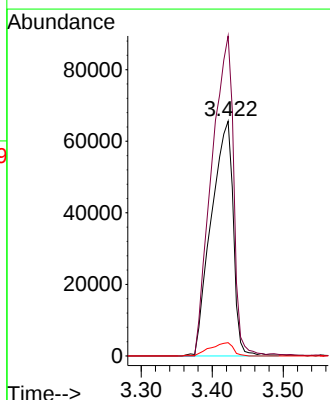
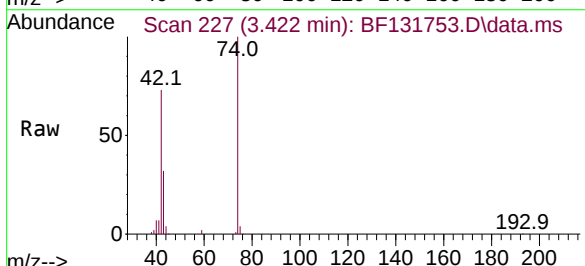
Tgt Ion: 42 Resp: 140749

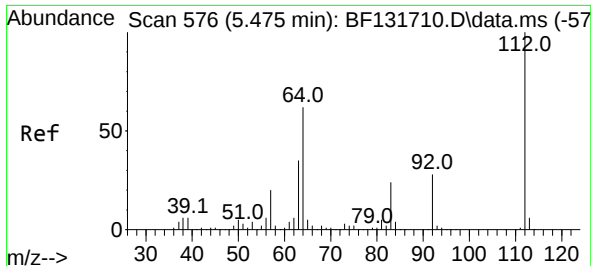
Ion Ratio Lower Upper

42 100

74 136.3 107.8 161.8

44 5.7 5.5 8.3

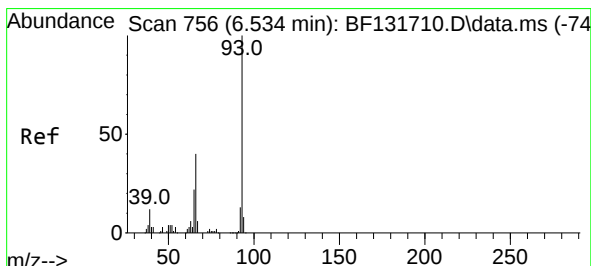
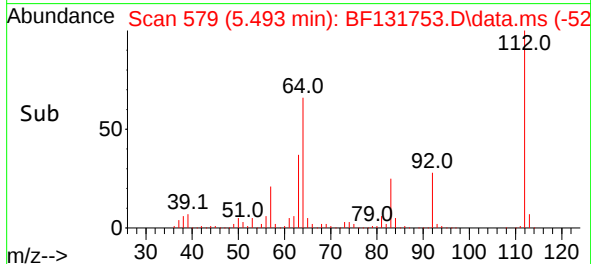
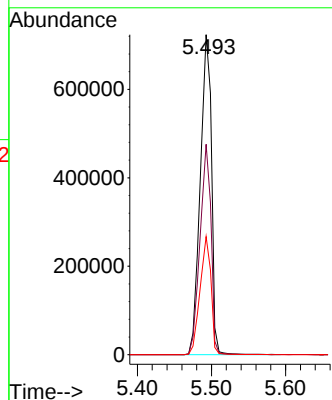
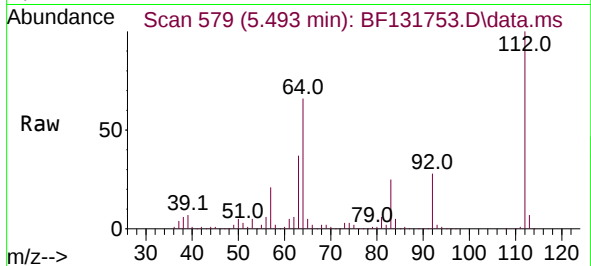




#5  
2-Fluorophenol  
Concen: 141.646 ng  
RT: 5.493 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

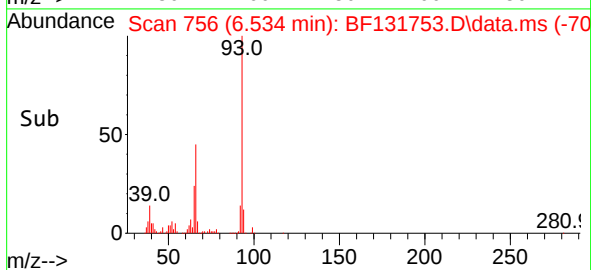
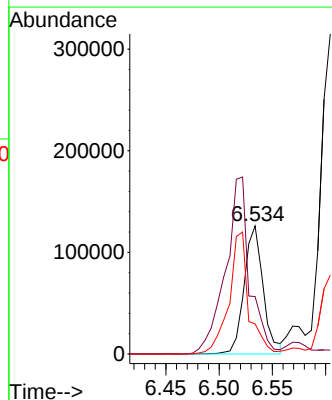
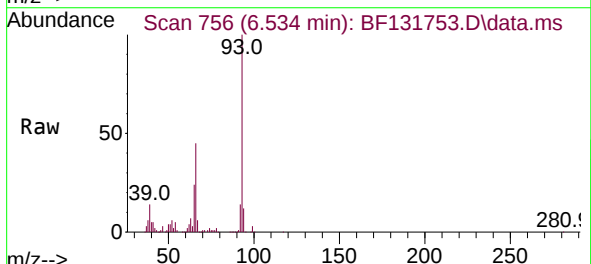
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

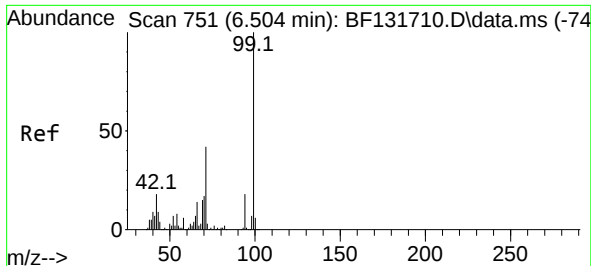
Tgt Ion:112 Resp: 759861  
Ion Ratio Lower Upper  
112 100  
64 65.8 49.5 74.3  
63 36.9 28.2 42.2



#6  
Aniline  
Concen: 17.593 ng  
RT: 6.534 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion: 93 Resp: 156824  
Ion Ratio Lower Upper  
93 100  
66 44.8 32.8 49.2  
65 23.5 17.4 26.2

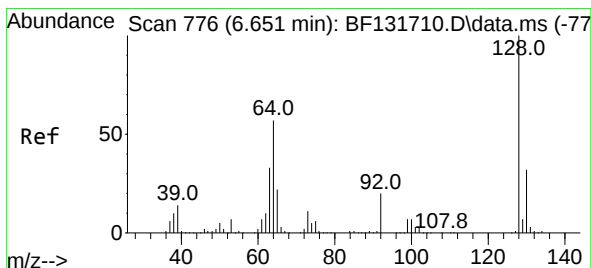
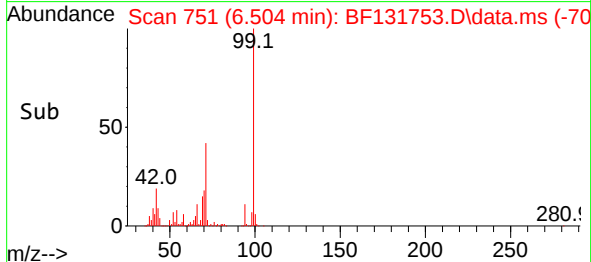
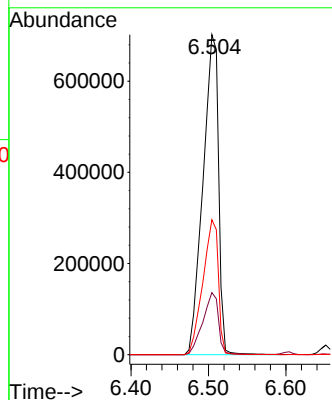
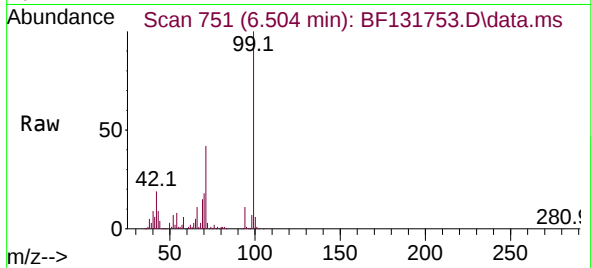




#7  
Phenol-d6  
Concen: 135.870 ng  
RT: 6.504 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

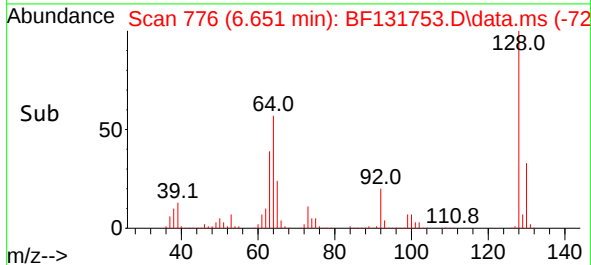
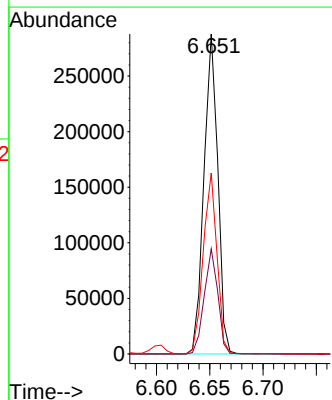
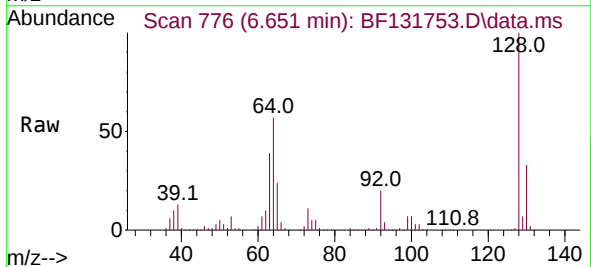
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

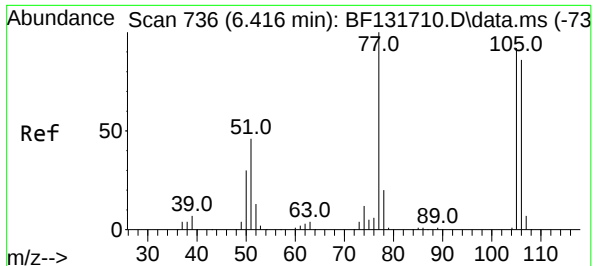
Tgt Ion: 99 Resp: 981042  
Ion Ratio Lower Upper  
99 100  
42 19.4 14.8 22.2  
71 42.1 33.8 50.6



#8  
2-Chlorophenol  
Concen: 45.282 ng  
RT: 6.651 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion:128 Resp: 260907  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.0 52.0  
64 56.5 37.7 77.7

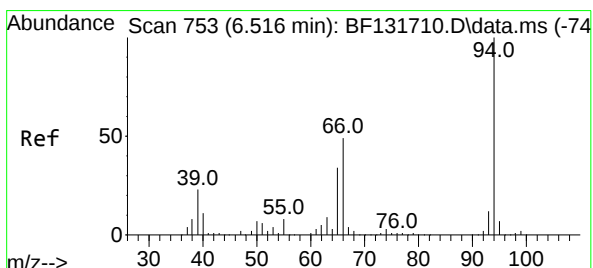
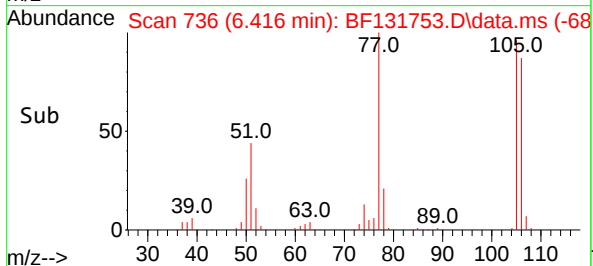
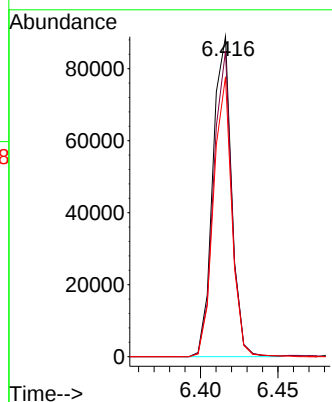
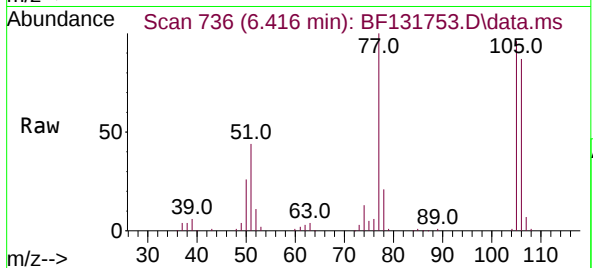




#9  
Benzaldehyde  
Concen: 14.855 ng  
RT: 6.416 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

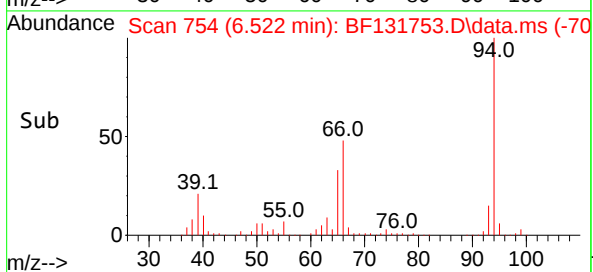
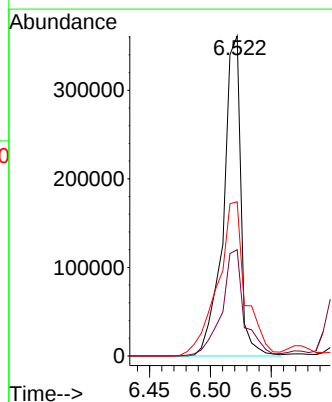
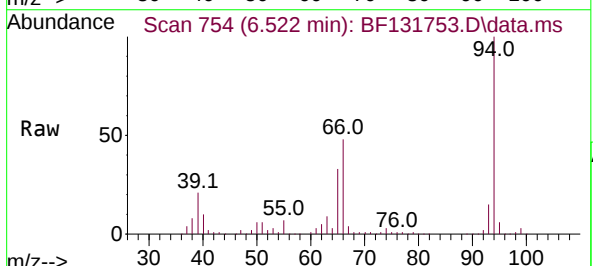
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

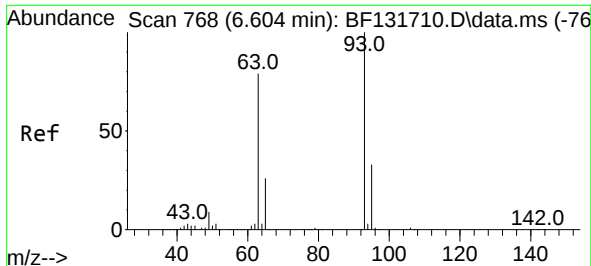
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 74738 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 95.5  | 72.4  | 112.4 |
| 106      | 87.4  | 66.5  | 106.5 |



#10  
Phenol  
Concen: 41.743 ng  
RT: 6.522 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 359854 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 33.2  | 14.0  | 54.0   |
| 66       | 48.2  | 28.8  | 68.8   |





#11

bis(2-Chloroethyl)ether

Concen: 47.962 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

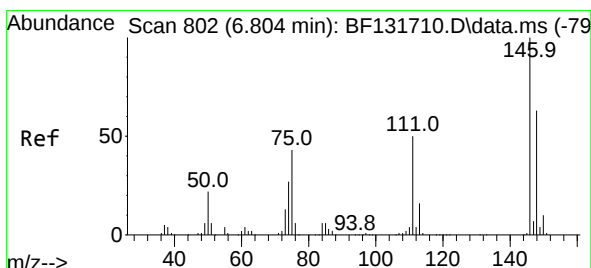
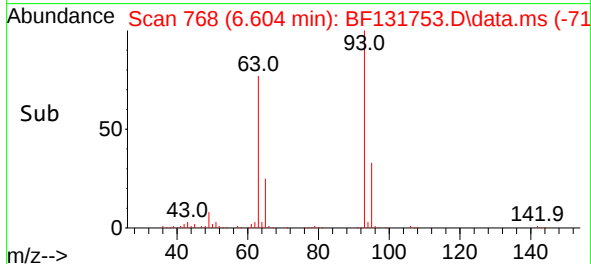
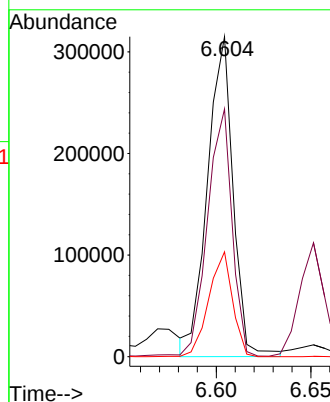
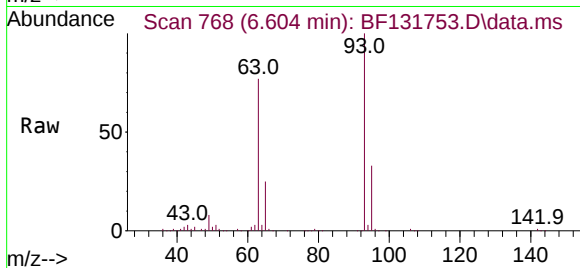
Tgt Ion: 93 Resp: 295879

Ion Ratio Lower Upper

93 100

63 77.4 59.0 99.0

95 32.8 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 43.459 ng

RT: 6.804 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

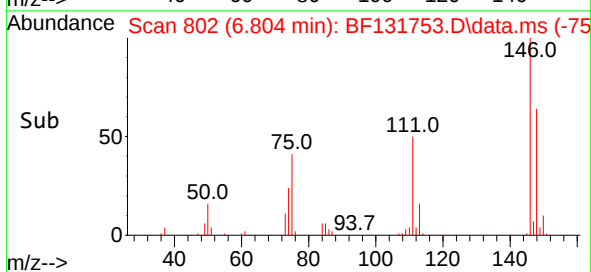
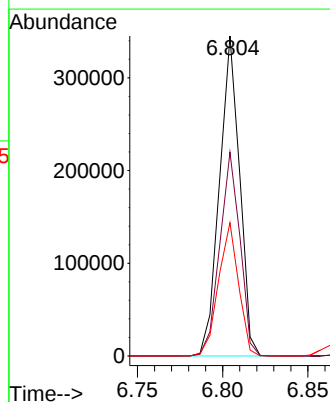
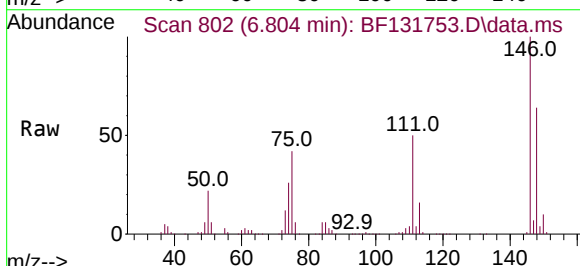
Tgt Ion: 146 Resp: 283057

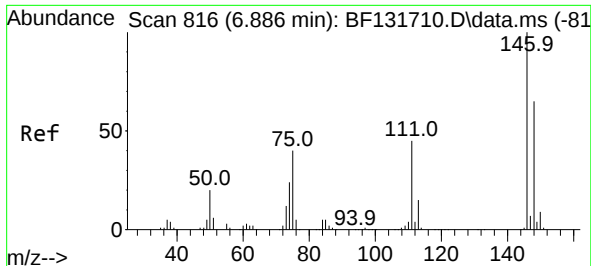
Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

75 41.7 34.3 51.5

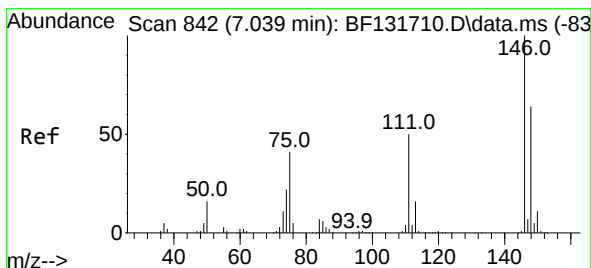
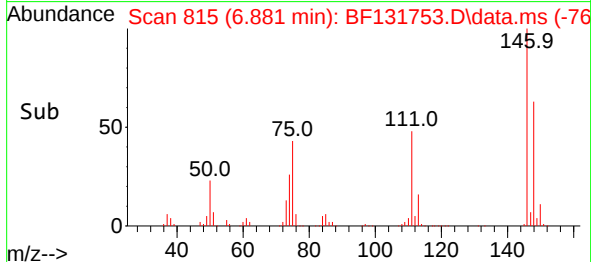
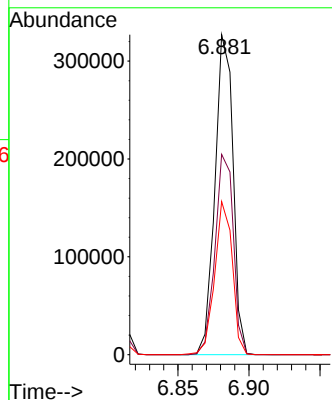
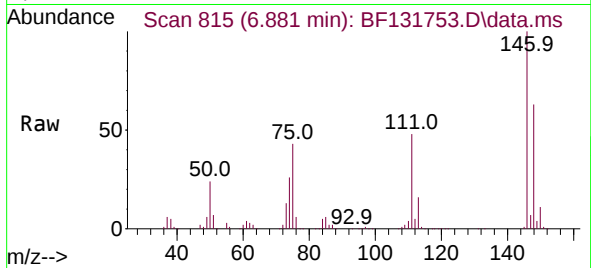




#13  
1,4-Dichlorobenzene  
Concen: 43.481 ng  
RT: 6.881 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

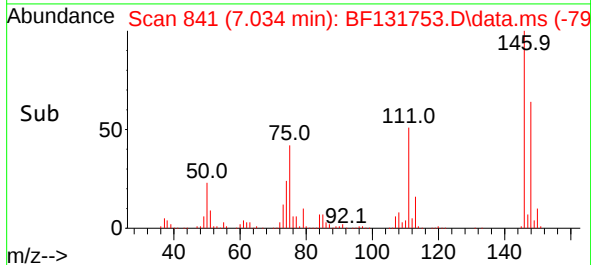
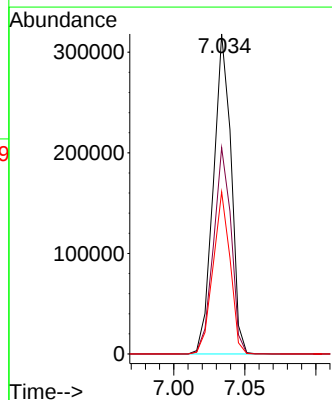
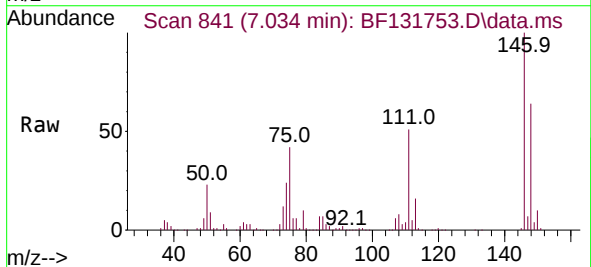
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

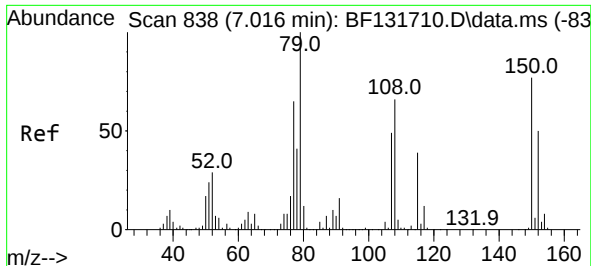
Tgt Ion:146 Resp: 289478  
Ion Ratio Lower Upper  
146 100  
148 62.6 52.2 78.4  
111 47.9 36.4 54.6



#14  
1,2-Dichlorobenzene  
Concen: 44.333 ng  
RT: 7.034 min Scan# 841  
Delta R.T. -0.006 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion:146 Resp: 276352  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.4 77.0  
111 50.7 39.8 59.6





#15

Benzyl Alcohol

Concen: 25.947 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

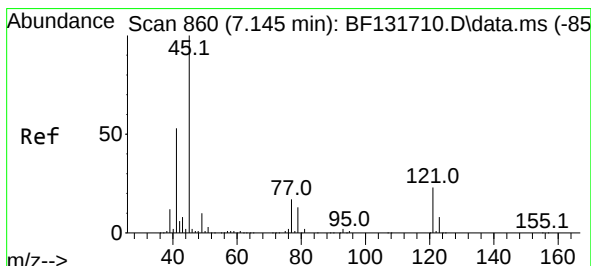
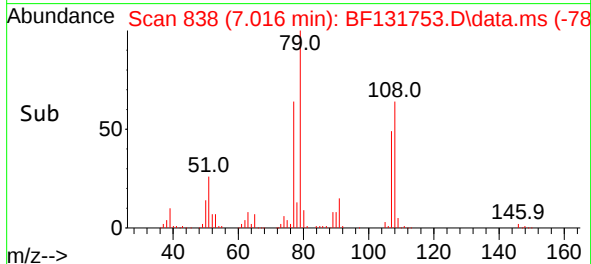
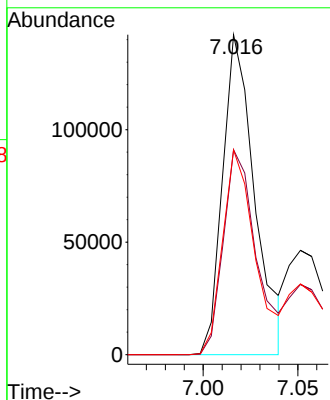
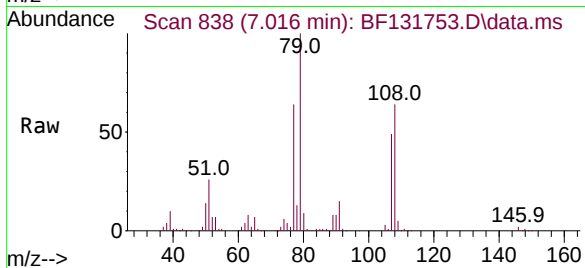
Tgt Ion: 79 Resp: 167336

Ion Ratio Lower Upper

79 100

108 64.0 52.6 78.8

77 64.0 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.525 ng

RT: 7.140 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

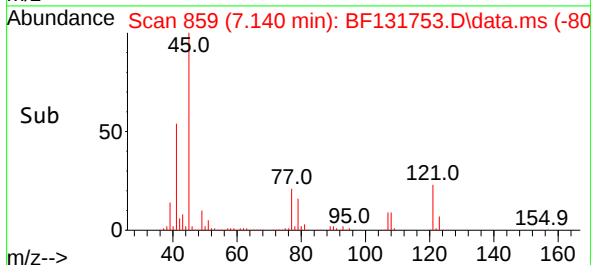
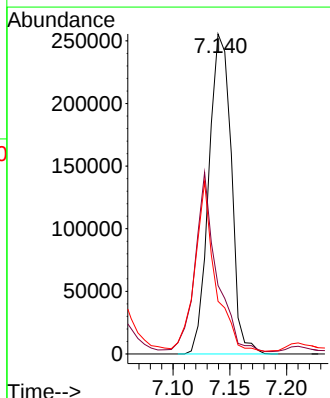
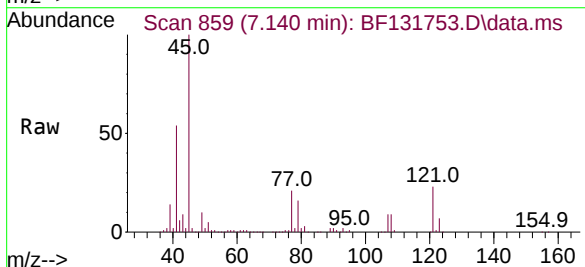
Tgt Ion: 45 Resp: 350241

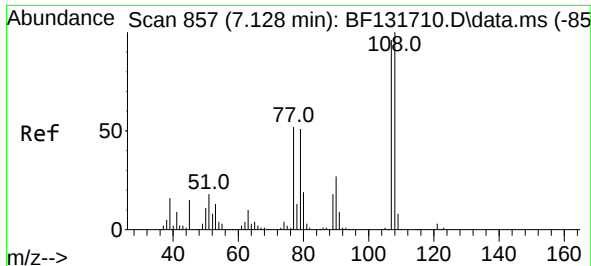
Ion Ratio Lower Upper

45 100

77 21.4 0.0 36.8

79 16.4 0.0 33.1

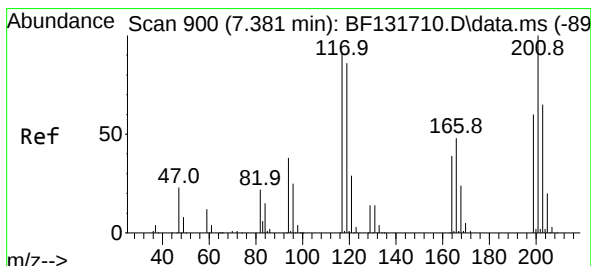
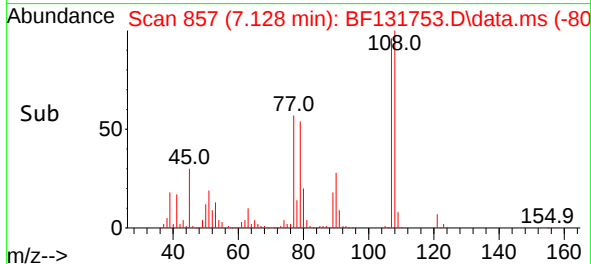
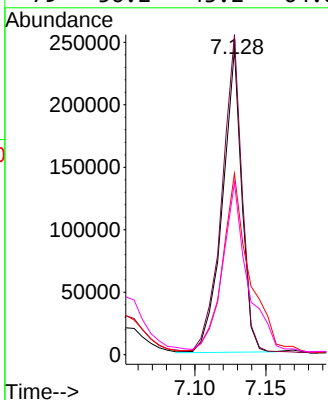
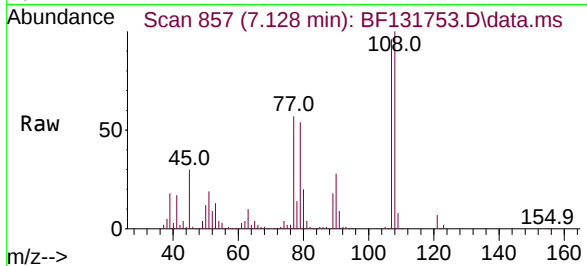




#17  
2-Methylphenol  
Concen: 42.348 ng  
RT: 7.128 min Scan# 857  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

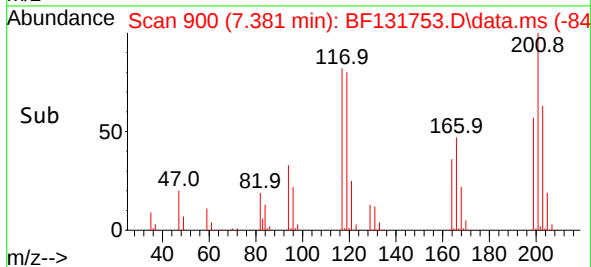
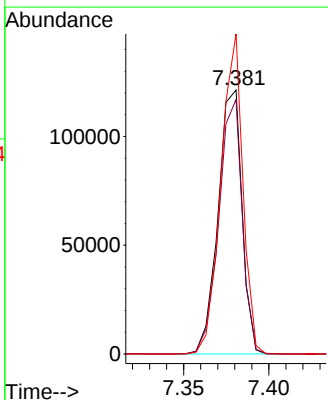
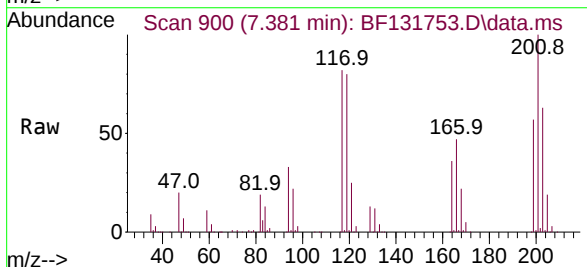
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

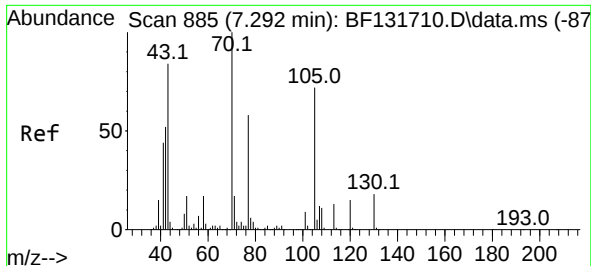
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 230346 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 104.6 | 83.8  | 125.6  |
| 77       | 59.2  | 43.8  | 65.8   |
| 79       | 56.2  | 43.2  | 64.8   |



#18  
Hexachloroethane  
Concen: 44.926 ng  
RT: 7.381 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 118567 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.4  | 75.8  | 113.8  |
| 201      | 121.2 | 88.2  | 132.4  |



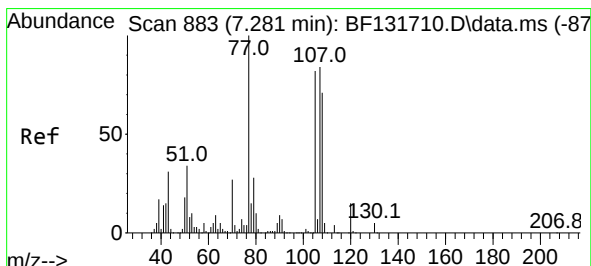
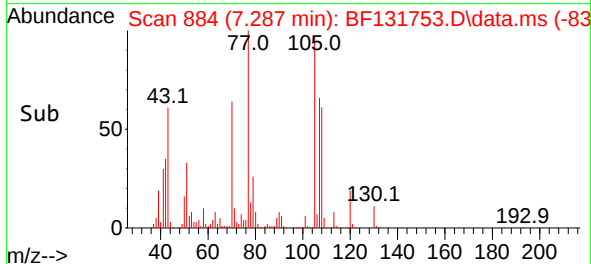
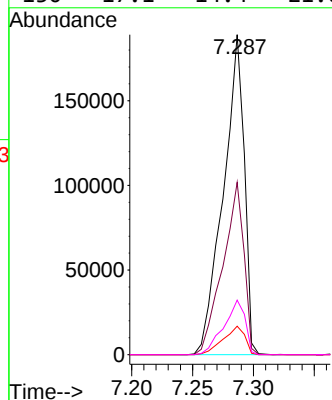
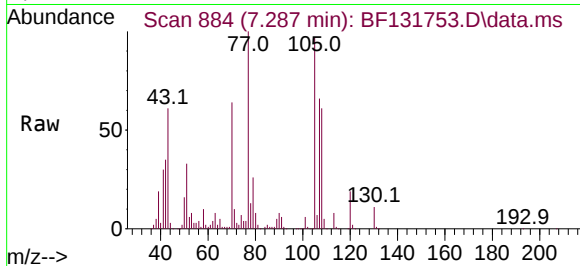


#19  
n-Nitroso-di-n-propylamine  
Concen: 43.470 ng  
RT: 7.287 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

Tgt Ion: 70 Resp: 226367

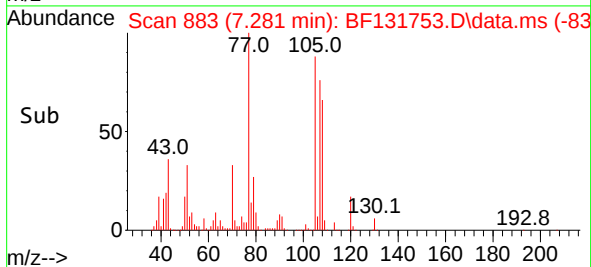
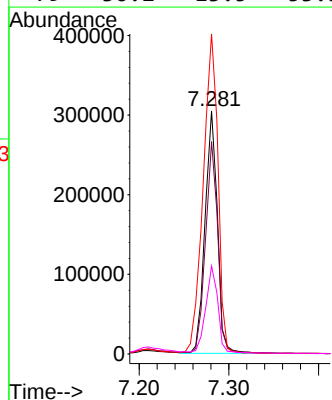
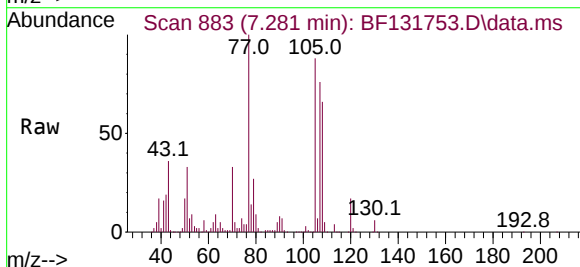
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 53.9  | 41.5  | 62.3  |
| 101 | 8.9   | 7.3   | 10.9  |
| 130 | 17.1  | 14.4  | 21.6  |

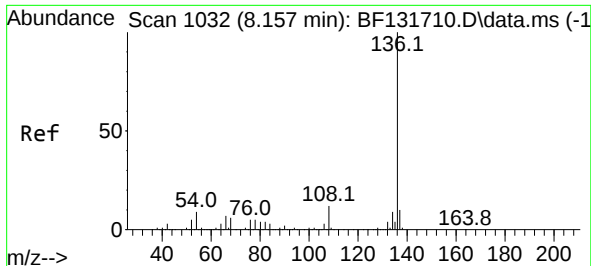


#20  
3+4-Methylphenols  
Concen: 41.691 ng  
RT: 7.281 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion: 107 Resp: 291861

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.3  | 65.2  | 105.2 |
| 77  | 131.6 | 99.6  | 139.6 |
| 79  | 36.2  | 13.5  | 53.5  |

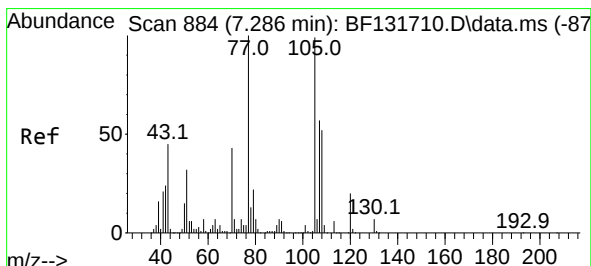
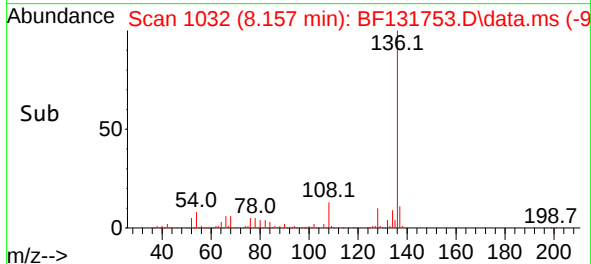
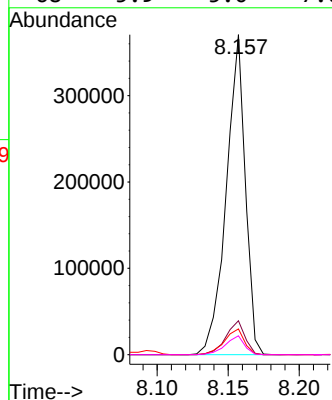
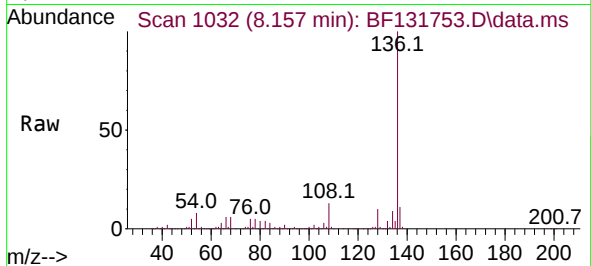




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

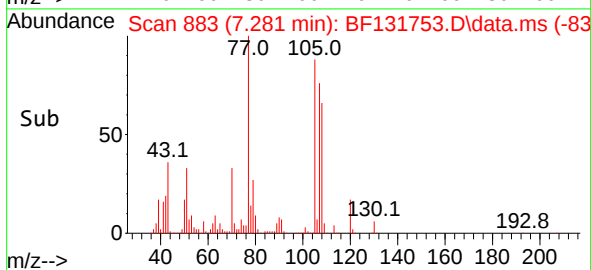
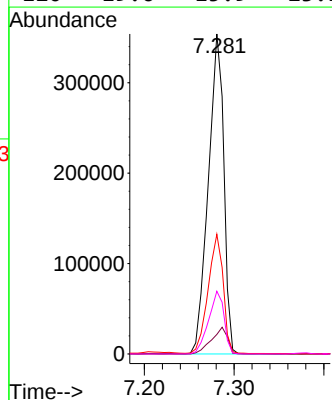
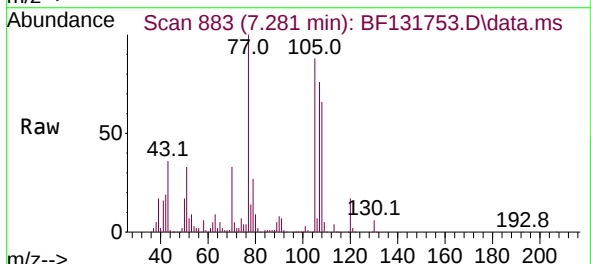
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

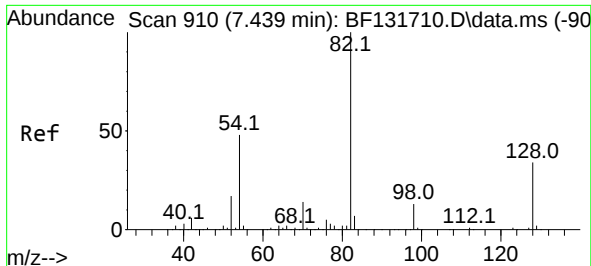
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 344999 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.6  | 8.4   | 12.6   |
| 54        | 8.1   | 7.2   | 10.8   |
| 68        | 5.9   | 5.0   | 7.6    |



#22  
Acetophenone  
Concen: 42.161 ng  
RT: 7.281 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 424480 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 6.1   | 5.5   | 8.3    |
| 51        | 37.4  | 25.5  | 38.3   |
| 120       | 19.6  | 15.9  | 23.9   |





#23

Nitrobenzene-d5

Concen: 80.387 ng

RT: 7.440 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

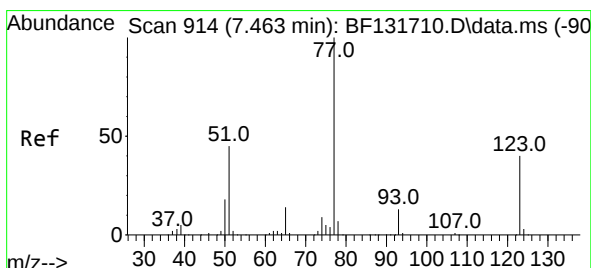
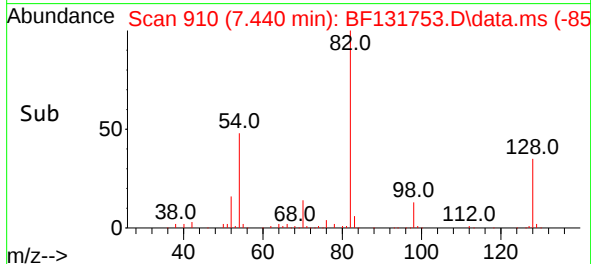
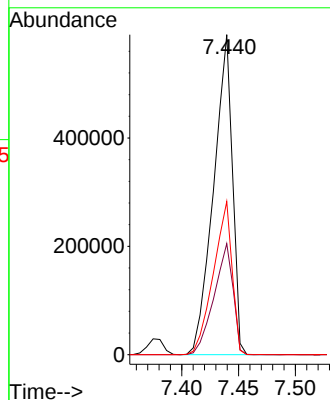
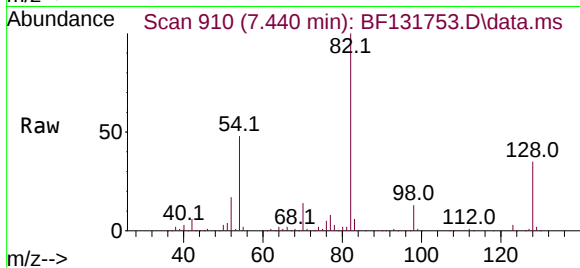
Tgt Ion: 82 Resp: 683149

Ion Ratio Lower Upper

82 100

128 34.7 27.3 40.9

54 47.9 38.2 57.2



#24

Nitrobenzene

Concen: 40.073 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

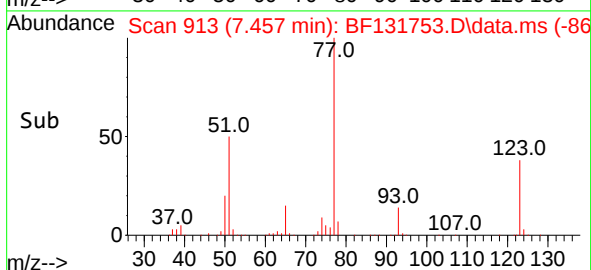
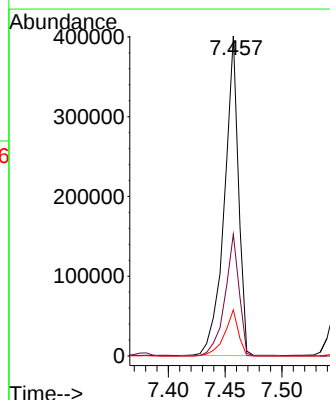
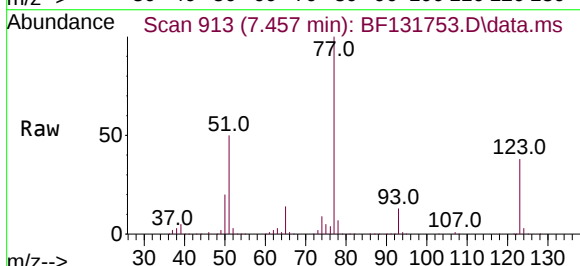
Tgt Ion: 77 Resp: 346212

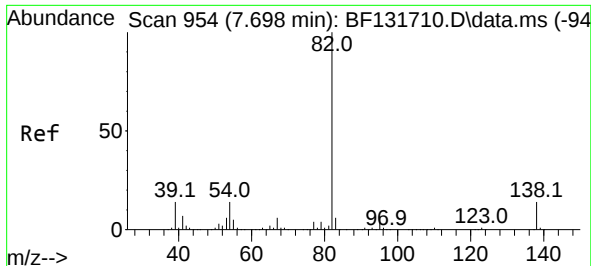
Ion Ratio Lower Upper

77 100

123 38.0 31.8 47.6

65 14.4 10.9 16.3

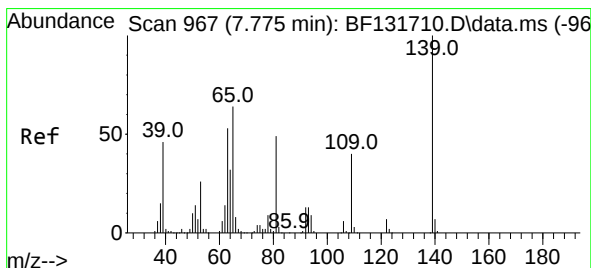
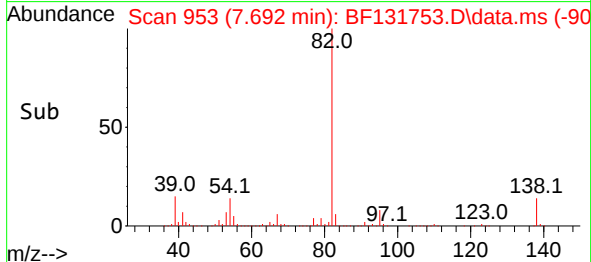
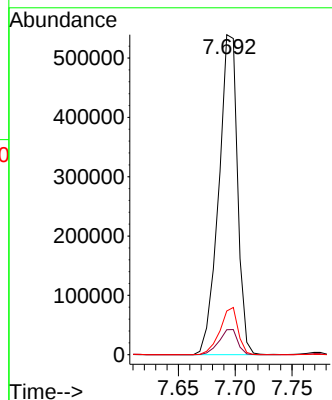
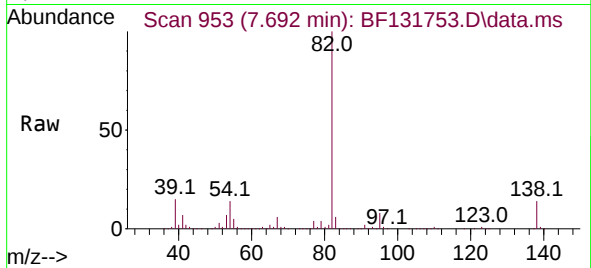




#25  
Isophorone  
Concen: 43.127 ng  
RT: 7.692 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

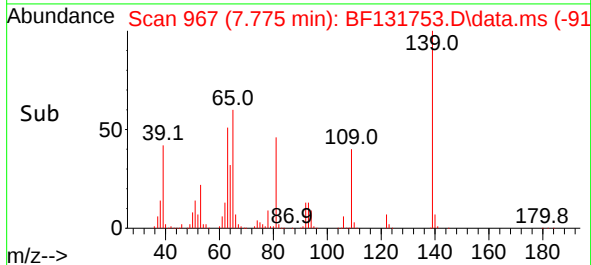
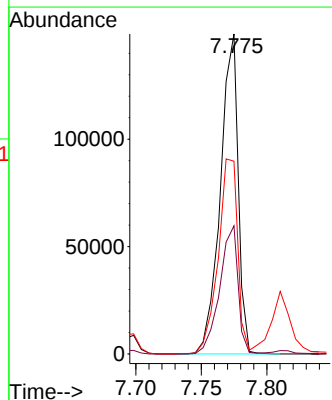
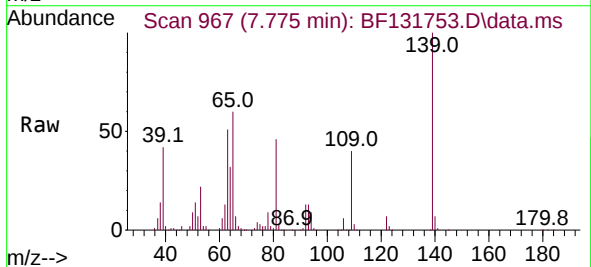
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

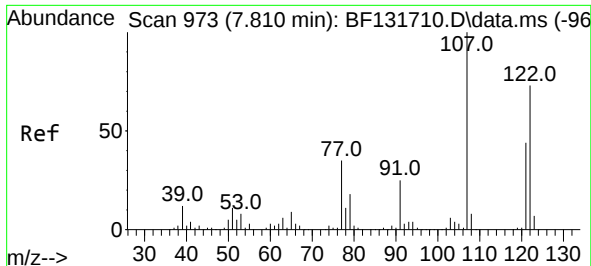
Tgt Ion: 82 Resp: 622423  
Ion Ratio Lower Upper  
82 100  
95 7.8 5.8 8.6  
138 13.6 11.6 17.4



#26  
2-Nitrophenol  
Concen: 41.651 ng  
RT: 7.775 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion:139 Resp: 140632  
Ion Ratio Lower Upper  
139 100  
109 40.0 31.8 47.6  
65 60.3 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 49.264 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

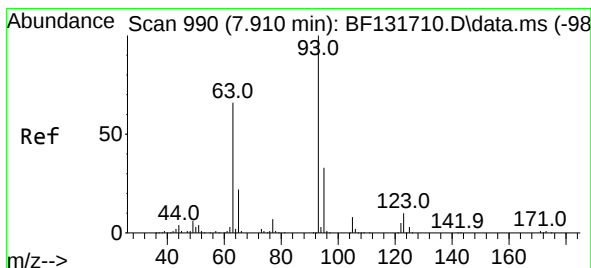
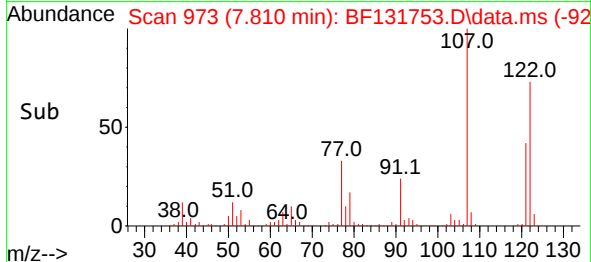
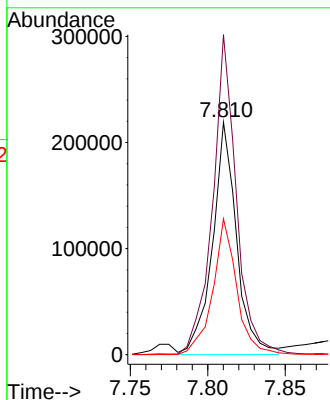
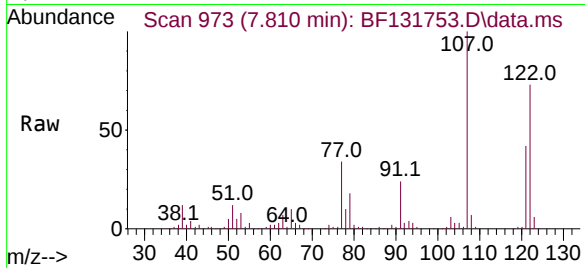
Tgt Ion:122 Resp: 236910

Ion Ratio Lower Upper

122 100

107 137.6 110.1 165.1

121 58.4 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 45.501 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

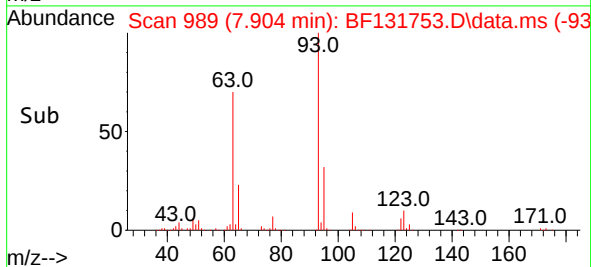
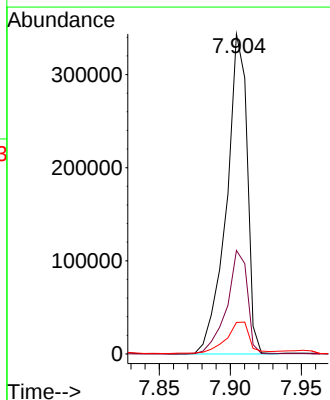
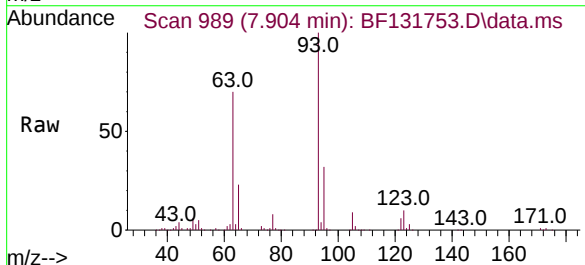
Tgt Ion: 93 Resp: 348716

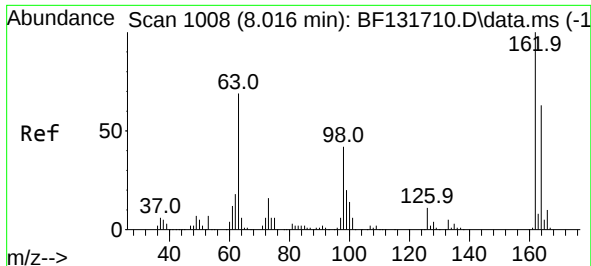
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 9.9 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 40.902 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

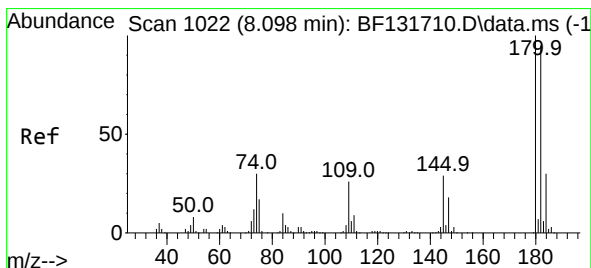
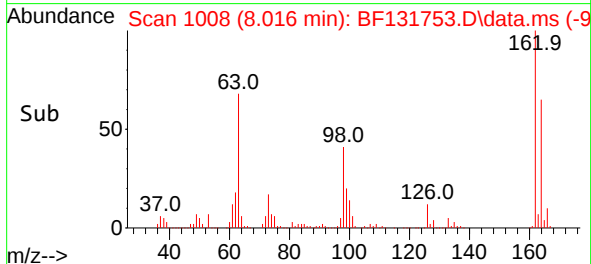
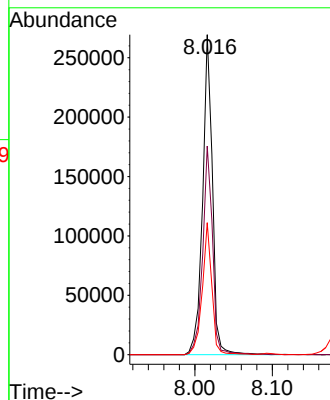
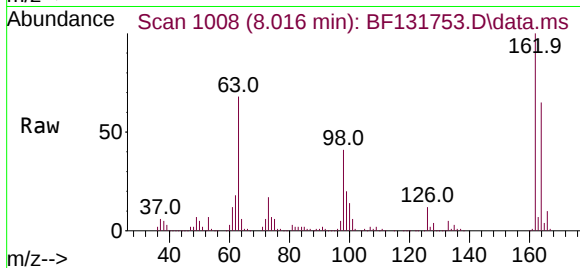
Tgt Ion:162 Resp: 237457

Ion Ratio Lower Upper

162 100

164 65.2 42.9 82.9

98 41.2 21.9 61.9



#30

1,2,4-Trichlorobenzene

Concen: 40.902 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

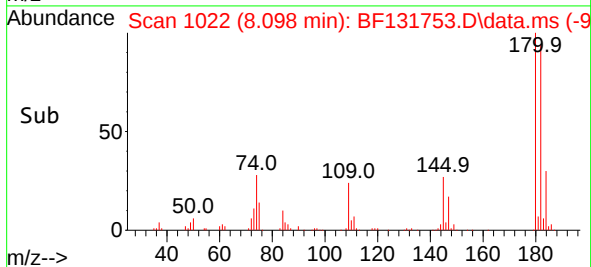
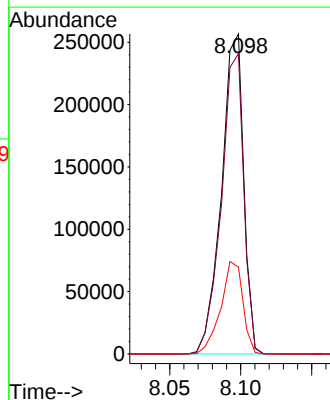
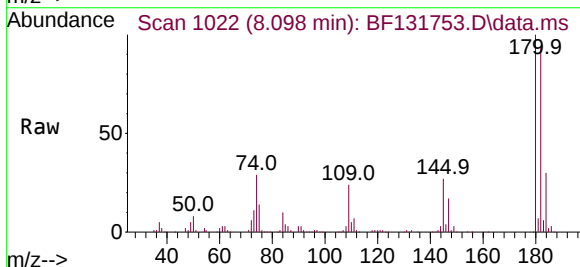
Tgt Ion:180 Resp: 279156

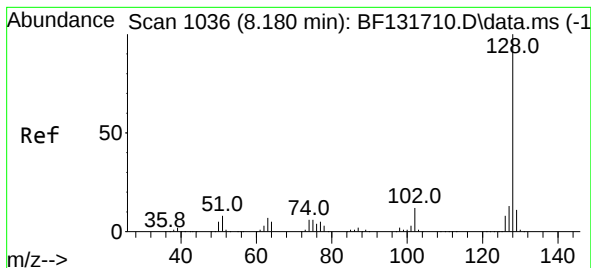
Ion Ratio Lower Upper

180 100

182 93.8 76.1 114.1

145 27.1 23.4 35.0





#31

Naphthalene

Concen: 39.684 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

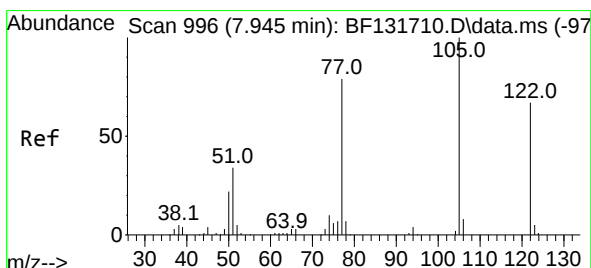
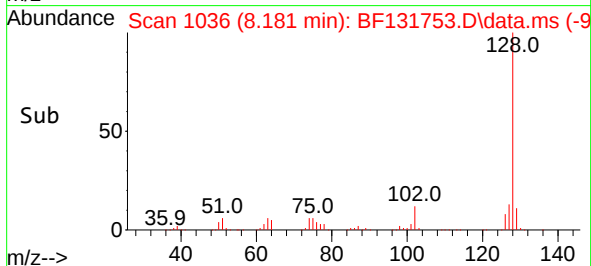
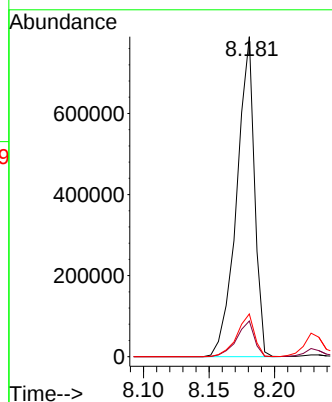
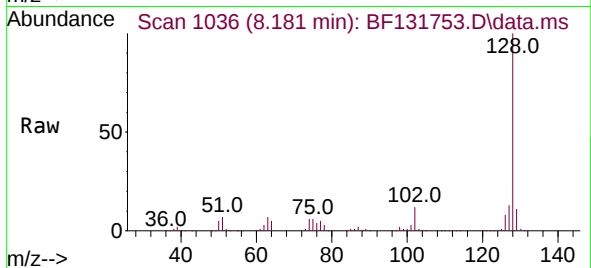
Tgt Ion:128 Resp: 747703

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.4 10.6 15.8



#32

Benzoic acid

Concen: 46.103 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

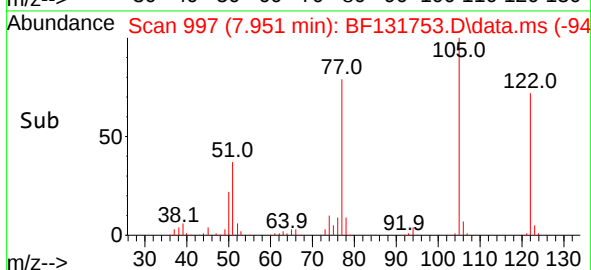
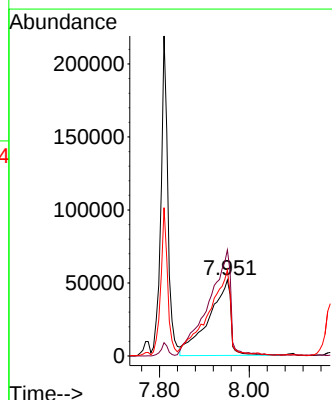
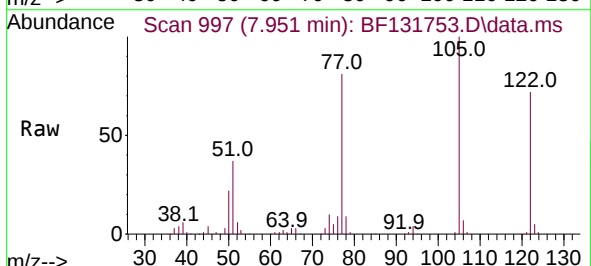
Tgt Ion:122 Resp: 177471

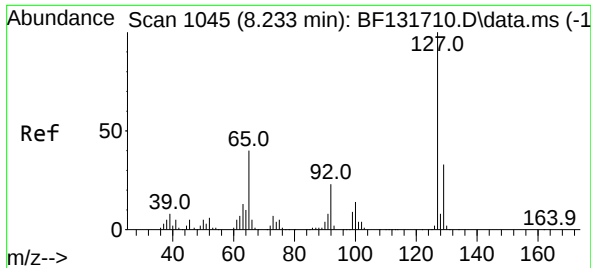
Ion Ratio Lower Upper

122 100

105 139.5 125.1 165.1

77 113.2 95.3 135.3

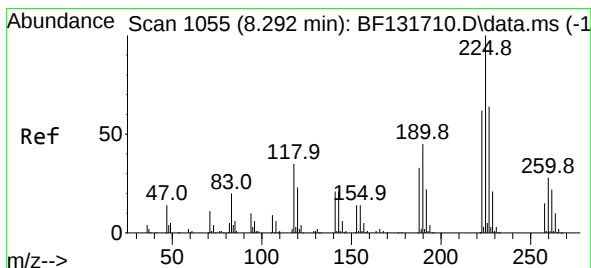
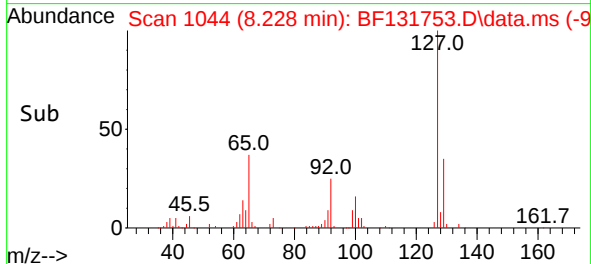
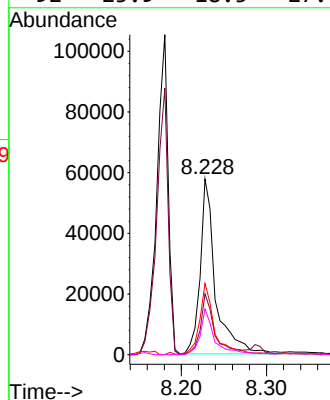
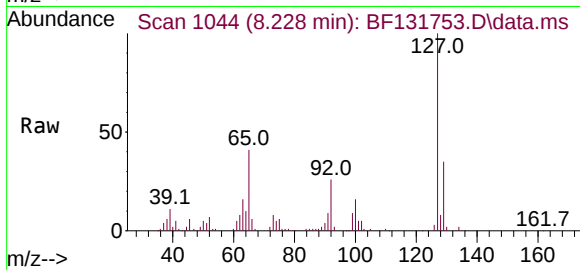




#33  
4-Chloroaniline  
Concen: 9.908 ng  
RT: 8.228 min Scan# 1044  
Delta R.T. -0.006 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

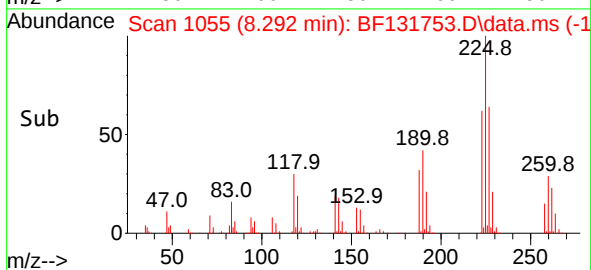
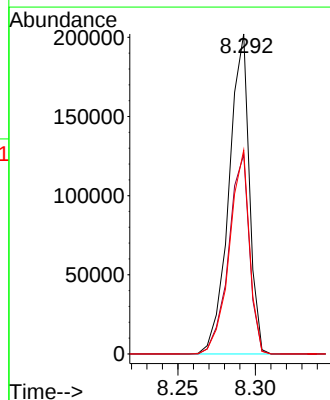
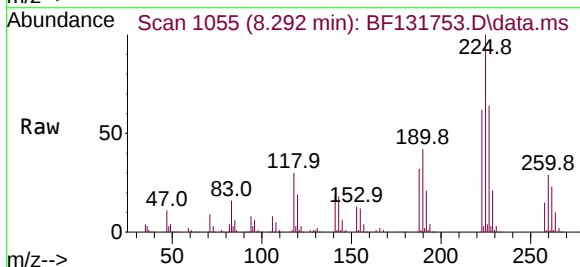
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

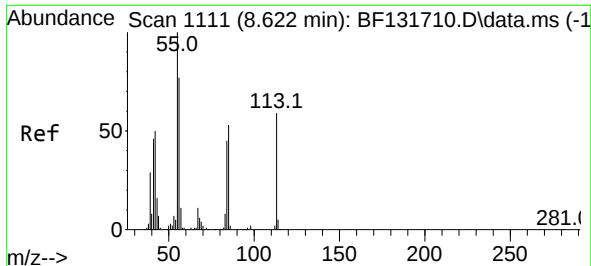
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 72806 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 34.6  | 26.1  | 39.1  |
| 65       | 40.6  | 31.8  | 47.6  |
| 92       | 25.9  | 18.5  | 27.7  |



#34  
Hexachlorobutadiene  
Concen: 40.169 ng  
RT: 8.292 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 184453 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 49.5  | 74.3   |
| 227      | 63.7  | 51.0  | 76.4   |

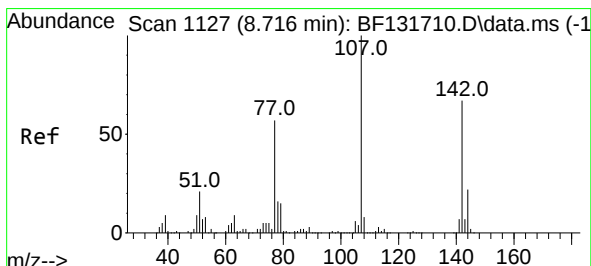
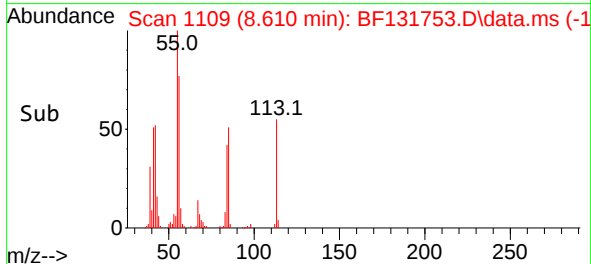
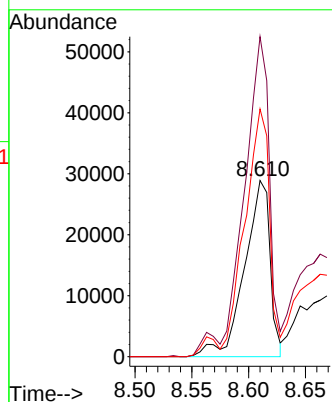
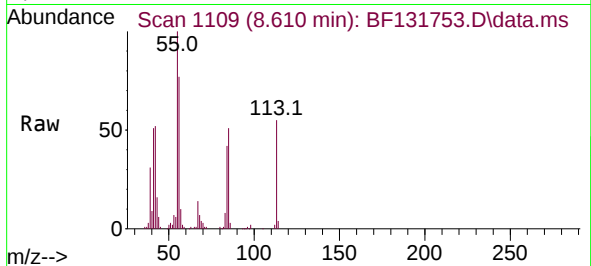




#35  
 Caprolactam  
 Concen: 25.787 ng  
 RT: 8.610 min Scan# 1109  
 Delta R.T. -0.012 min  
 Lab File: BF131753.D  
 Acq: 21 Dec 2022 19:23

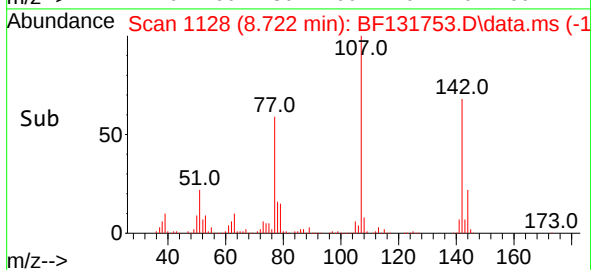
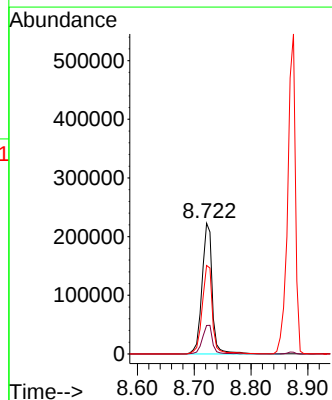
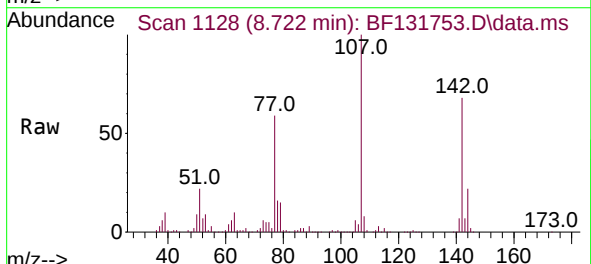
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149691BSD

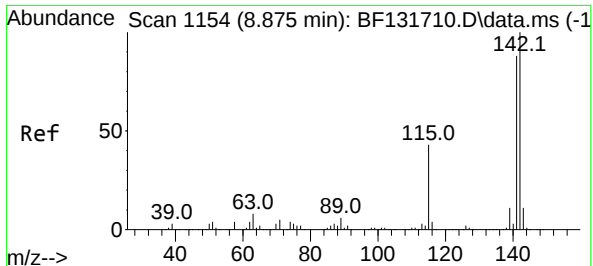
Tgt Ion:113 Resp: 45142  
 Ion Ratio Lower Upper  
 113 100  
 55 181.7 149.0 189.0  
 56 140.6 109.5 149.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.069 ng  
 RT: 8.722 min Scan# 1128  
 Delta R.T. 0.006 min  
 Lab File: BF131753.D  
 Acq: 21 Dec 2022 19:23

Tgt Ion:107 Resp: 278998  
 Ion Ratio Lower Upper  
 107 100  
 144 21.8 17.5 26.3  
 142 67.7 53.4 80.0





#37

2-Methylnaphthalene

Concen: 40.081 ng

RT: 8.875 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

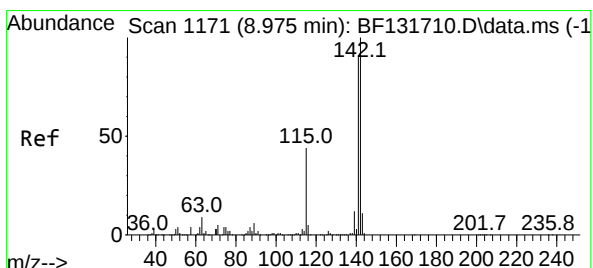
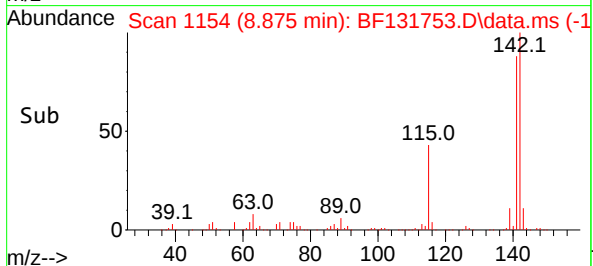
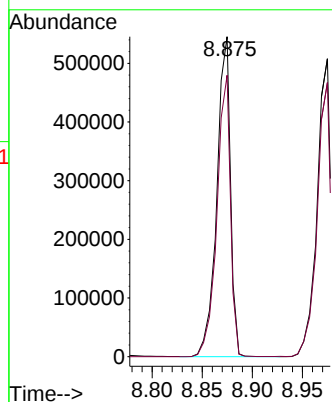
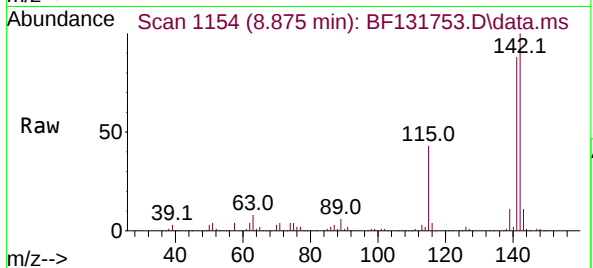
PB149691BSD

Tgt Ion:142 Resp: 515136

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6



#38

1-Methylnaphthalene

Concen: 38.493 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF131753.D

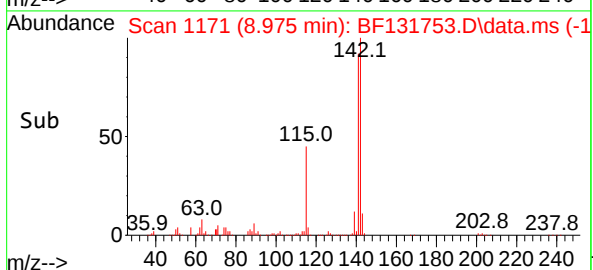
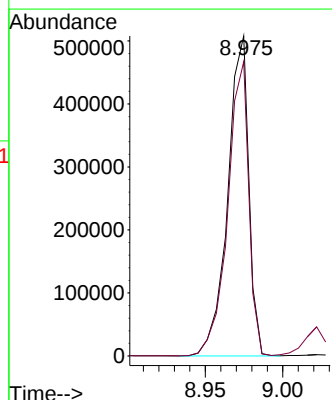
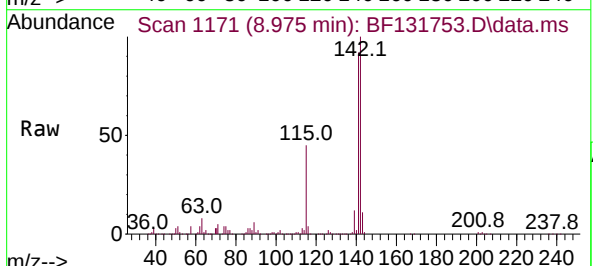
Acq: 21 Dec 2022 19:23

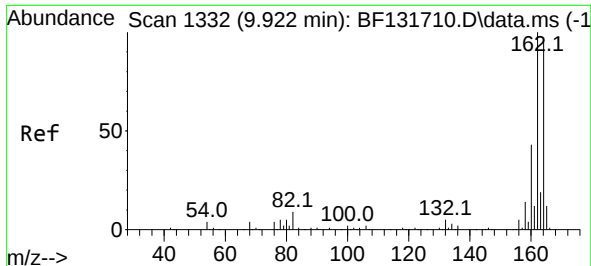
Tgt Ion:142 Resp: 479146

Ion Ratio Lower Upper

142 100

141 92.0 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: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

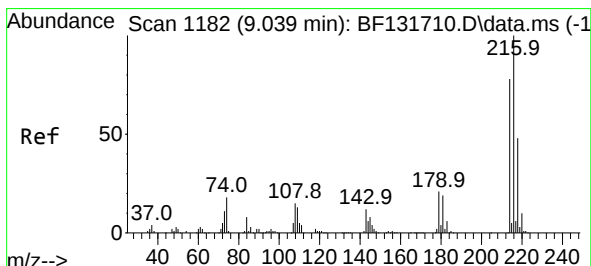
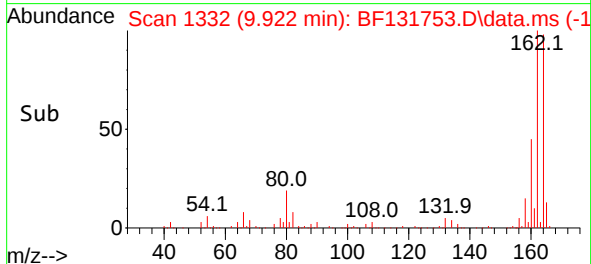
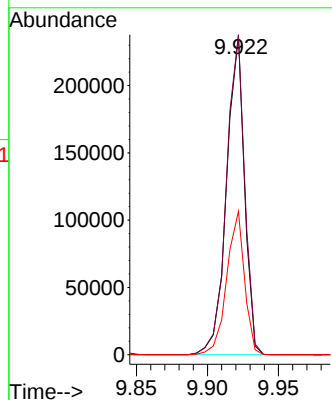
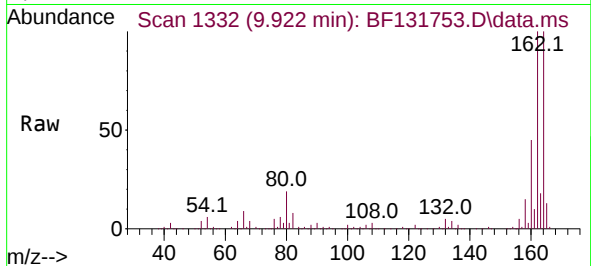
Tgt Ion:164 Resp: 207481

Ion Ratio Lower Upper

164 100

162 100.3 83.7 125.5

160 44.9 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.208 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Tgt Ion:216 Resp: 292516

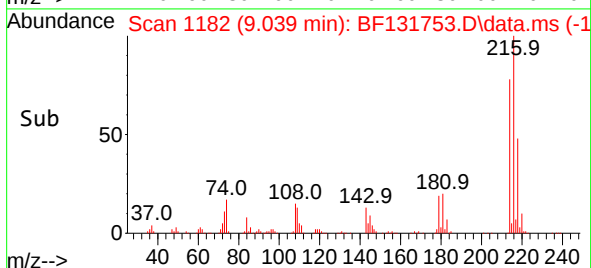
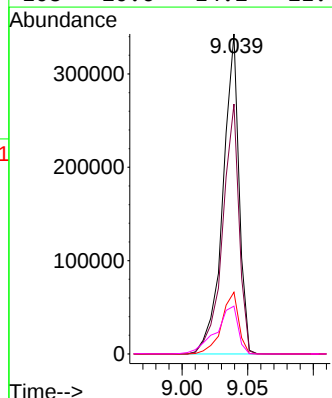
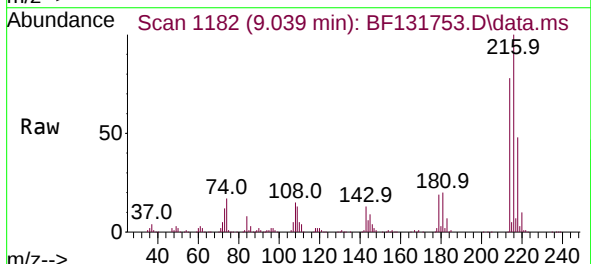
Ion Ratio Lower Upper

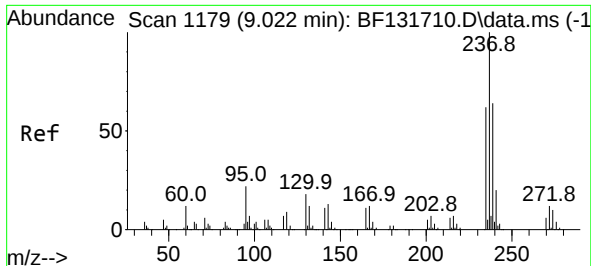
216 100

214 79.5 62.9 94.3

179 20.3 16.3 24.5

108 20.6 14.2 21.4

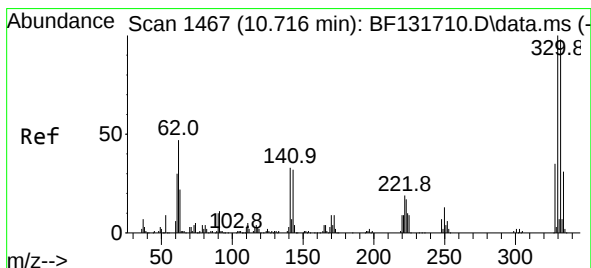
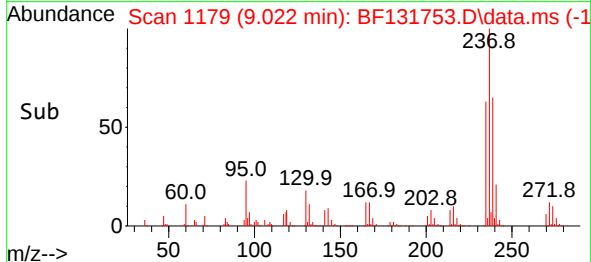
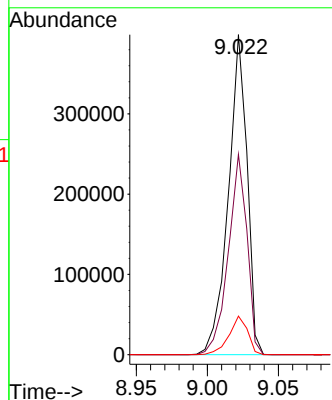
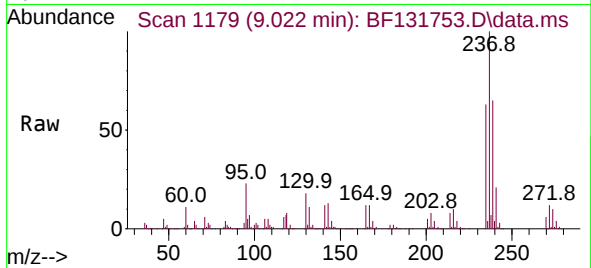




#41  
Hexachlorocyclopentadiene  
Concen: 113.797 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

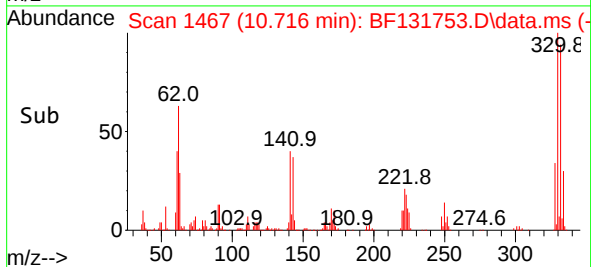
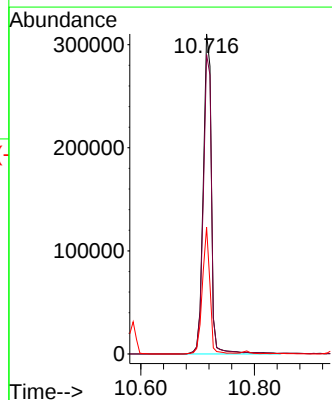
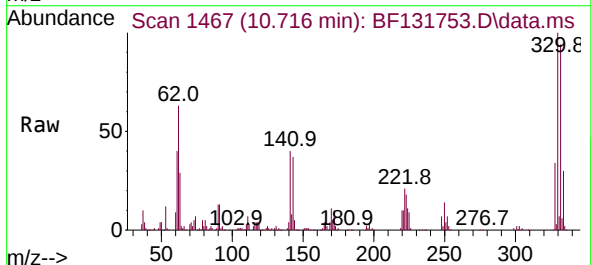
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

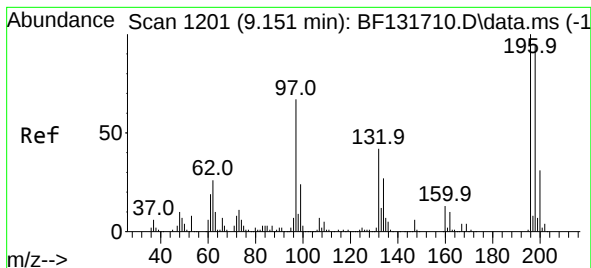
Tgt Ion:237 Resp: 365976  
Ion Ratio Lower Upper  
237 100  
235 62.6 42.2 82.2  
272 12.1 0.0 31.7



#42  
2,4,6-Tribromophenol  
Concen: 136.376 ng  
RT: 10.716 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion:330 Resp: 309704  
Ion Ratio Lower Upper  
330 100  
332 94.8 77.1 115.7  
141 36.6 30.4 45.6





#43

2,4,6-Trichlorophenol

Concen: 38.711 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

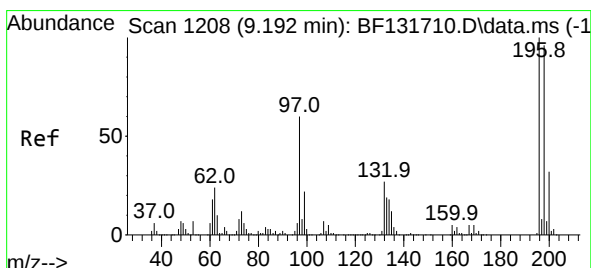
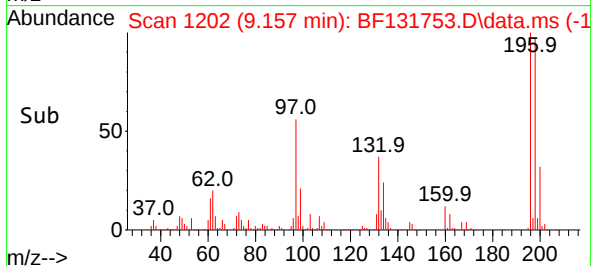
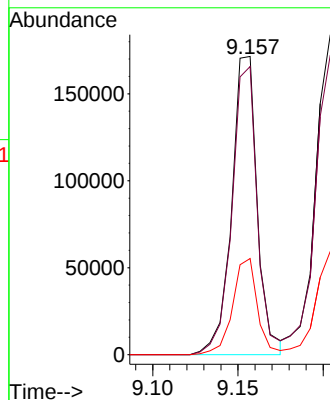
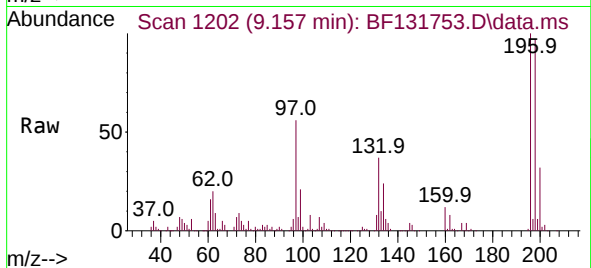
Tgt Ion:196 Resp: 179507

Ion Ratio Lower Upper

196 100

198 96.6 75.5 113.3

200 32.2 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 41.154 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.012 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Tgt Ion:196 Resp: 206589

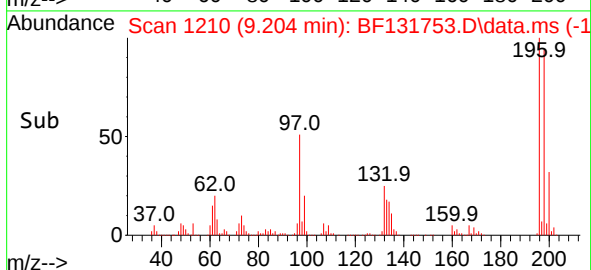
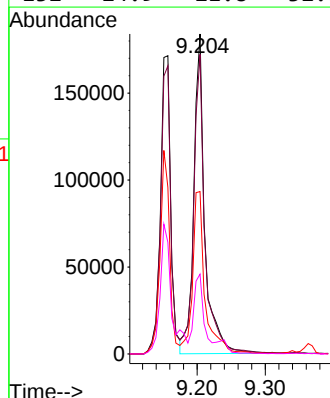
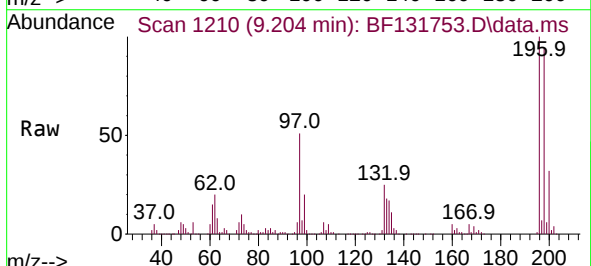
Ion Ratio Lower Upper

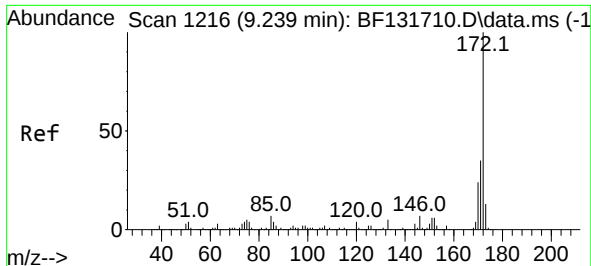
196 100

198 93.7 76.6 114.8

97 50.8 47.7 71.5

132 24.9 21.8 32.8

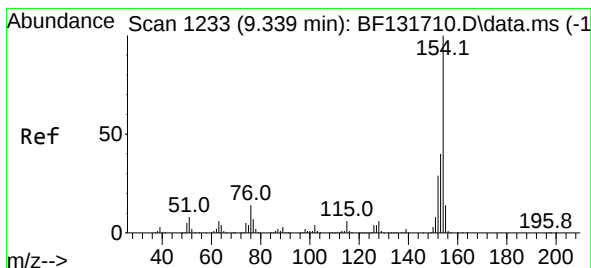
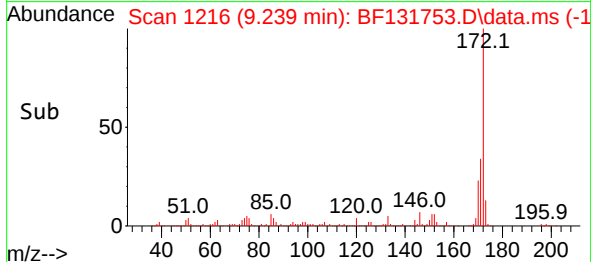
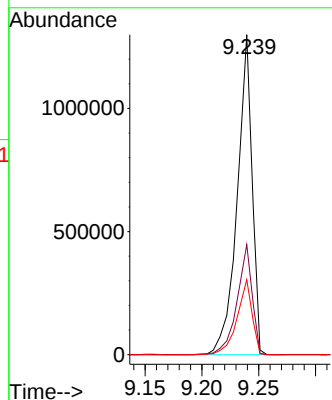
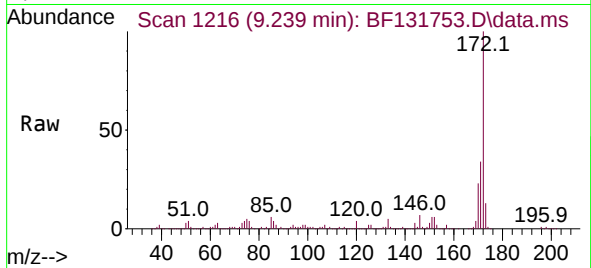




#45  
2-Fluorobiphenyl  
Concen: 80.058 ng  
RT: 9.239 min Scan# 1216  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

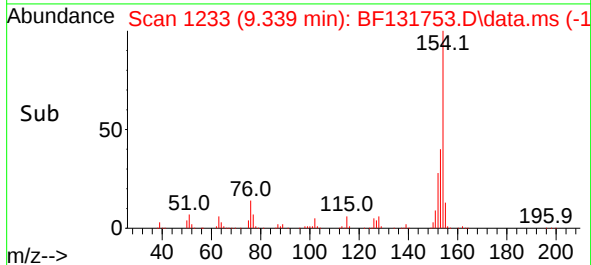
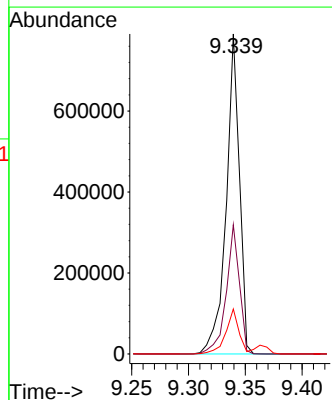
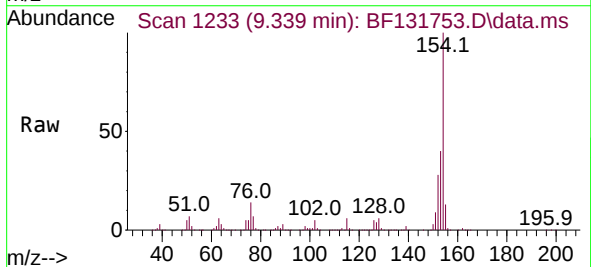
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

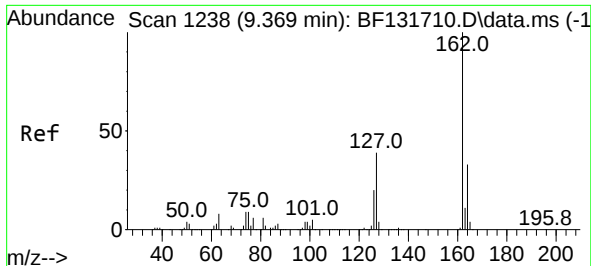
Tgt Ion:172 Resp: 1185771  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.9 41.9  
170 23.4 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 41.119 ng  
RT: 9.339 min Scan# 1233  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion:154 Resp: 641721  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.1 60.1  
76 14.1 0.0 33.6





#47

2-Chloronaphthalene

Concen: 40.573 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

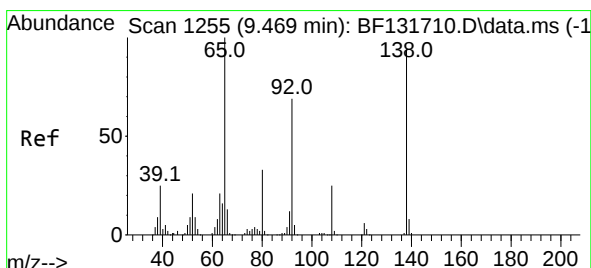
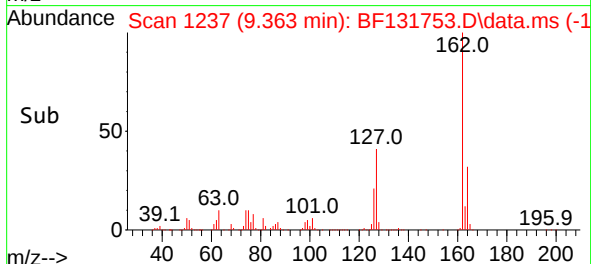
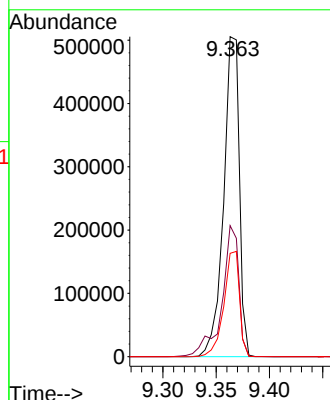
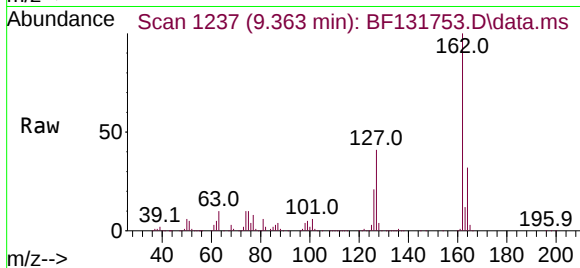
Tgt Ion:162 Resp: 518495

Ion Ratio Lower Upper

162 100

127 40.9 31.4 47.2

164 32.3 26.6 39.8



#48

2-Nitroaniline

Concen: 40.029 ng

RT: 9.469 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

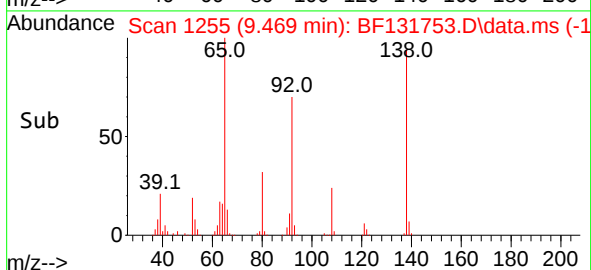
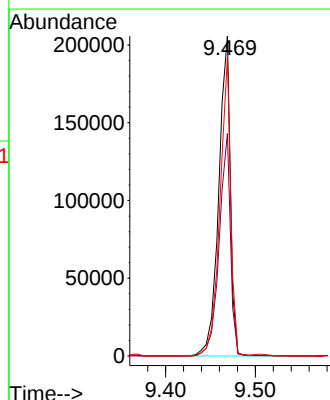
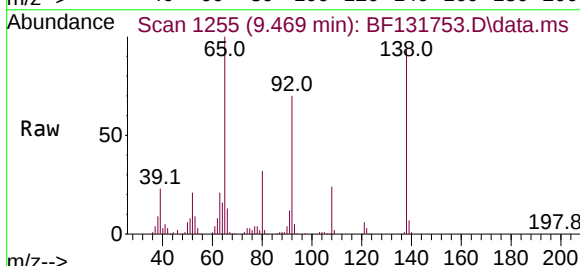
Tgt Ion: 65 Resp: 184377

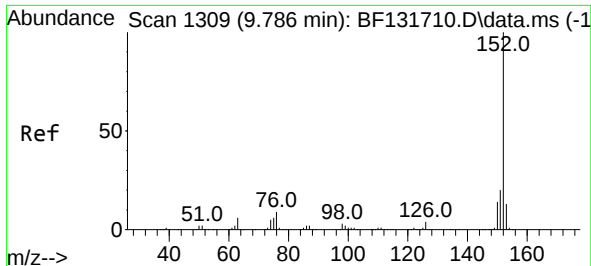
Ion Ratio Lower Upper

65 100

92 69.5 55.5 83.3

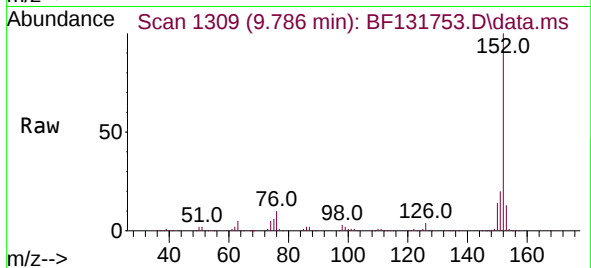
138 93.3 74.8 112.2



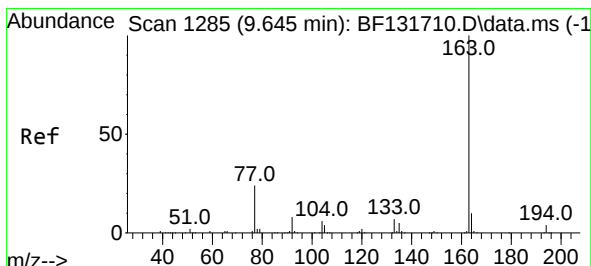
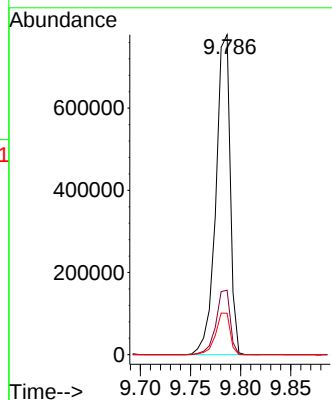
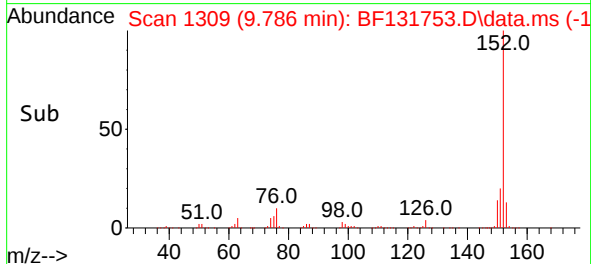


#49  
Acenaphthylene  
Concen: 40.240 ng  
RT: 9.786 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

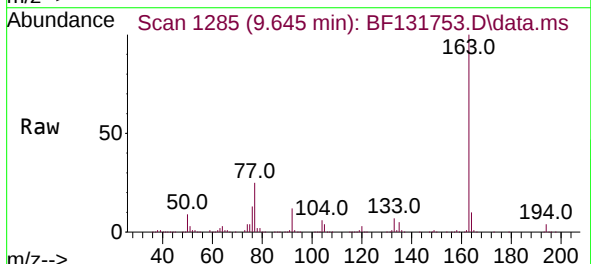
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD



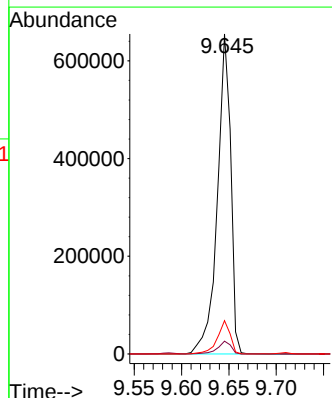
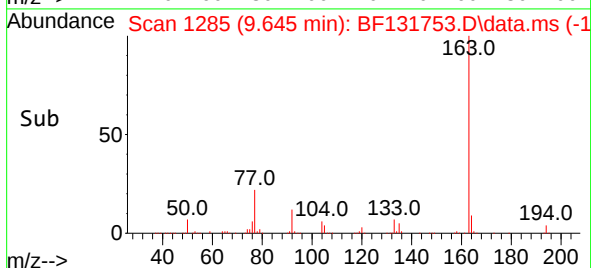
Tgt Ion:152 Resp: 771303  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.8 23.8  
153 13.0 10.6 15.8

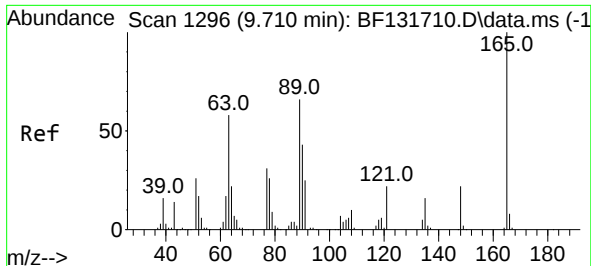


#50  
Dimethylphthalate  
Concen: 41.064 ng  
RT: 9.645 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23



Tgt Ion:163 Resp: 641087  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.1 4.7  
164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 41.221 ng

RT: 9.710 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

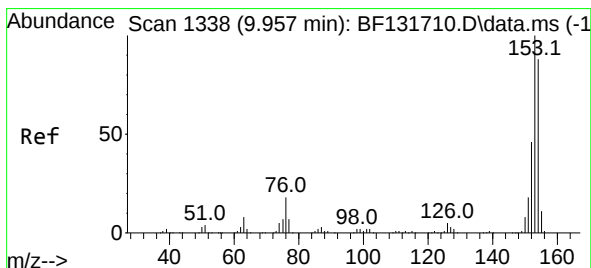
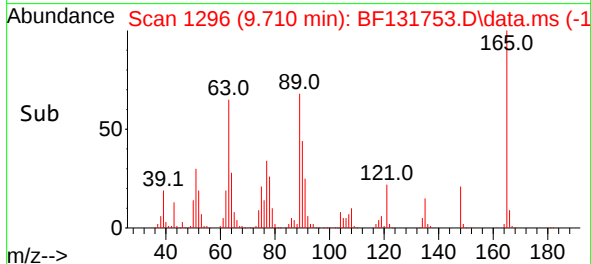
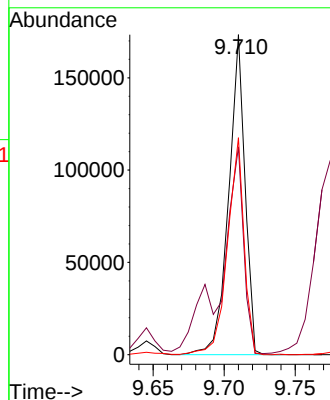
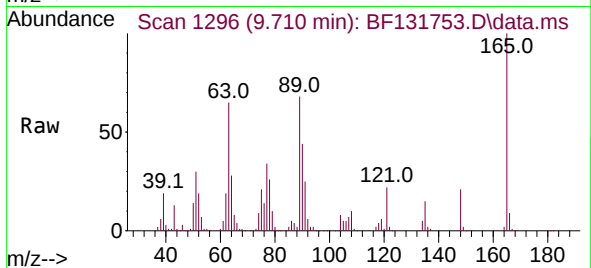
Tgt Ion:165 Resp: 138377

Ion Ratio Lower Upper

165 100

63 65.0 51.8 77.8

89 67.8 53.2 79.8



#52

Acenaphthene

Concen: 40.130 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

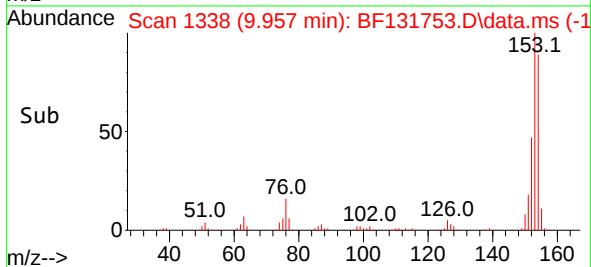
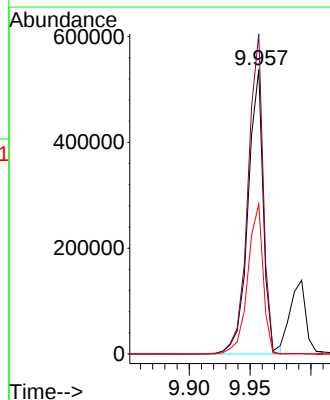
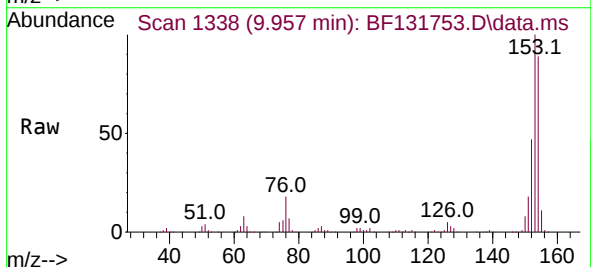
Tgt Ion:154 Resp: 471207

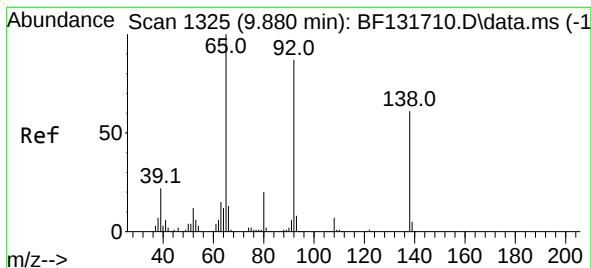
Ion Ratio Lower Upper

154 100

153 112.6 90.4 135.6

152 52.7 42.0 63.0





#53

3-Nitroaniline

Concen: 21.872 ng

RT: 9.881 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

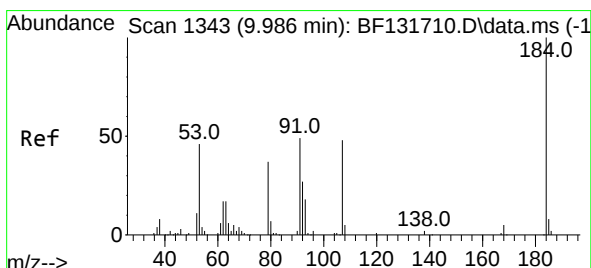
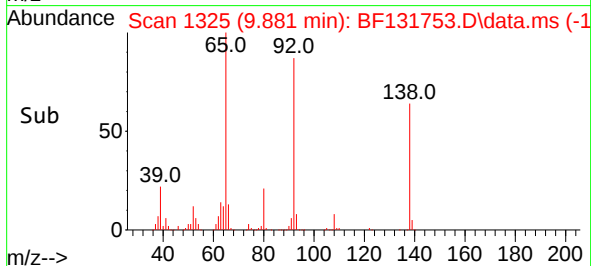
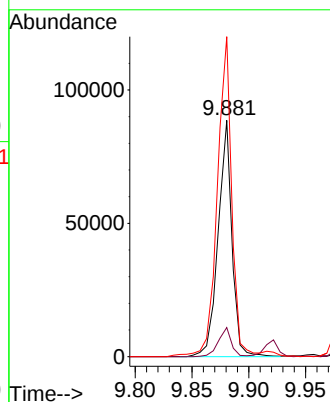
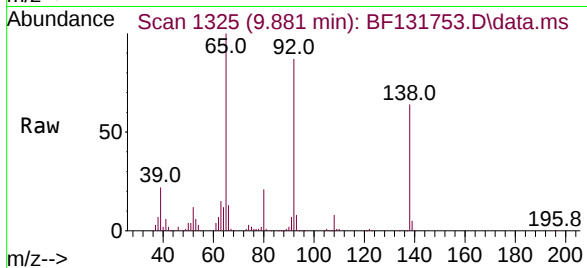
Tgt Ion:138 Resp: 75126

Ion Ratio Lower Upper

138 100

108 12.3 9.2 13.8

92 135.4 114.6 171.8



#54

2,4-Dinitrophenol

Concen: 90.736 ng

RT: 9.992 min Scan# 1344

Delta R.T. 0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

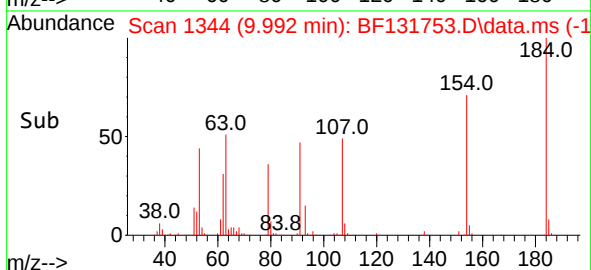
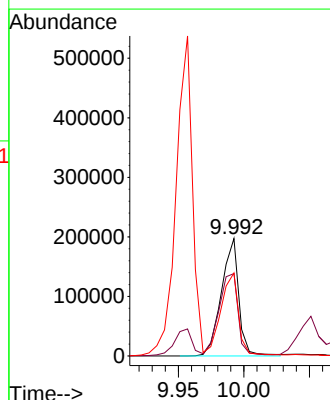
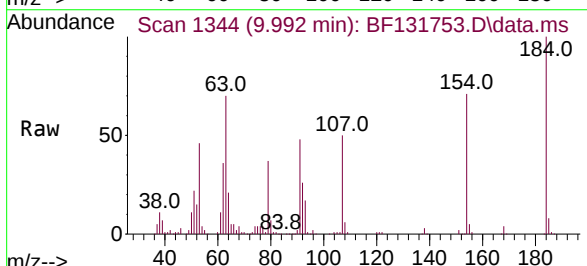
Tgt Ion:184 Resp: 182510

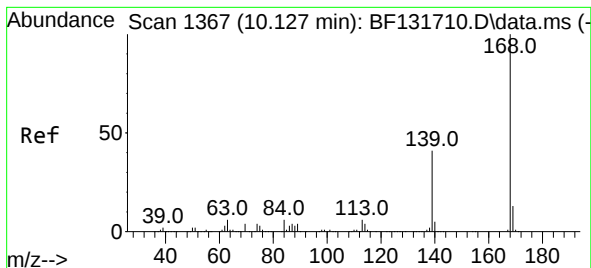
Ion Ratio Lower Upper

184 100

63 70.2 55.8 83.8

154 70.7 57.1 85.7





#55

Dibenzofuran

Concen: 39.520 ng

RT: 10.128 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

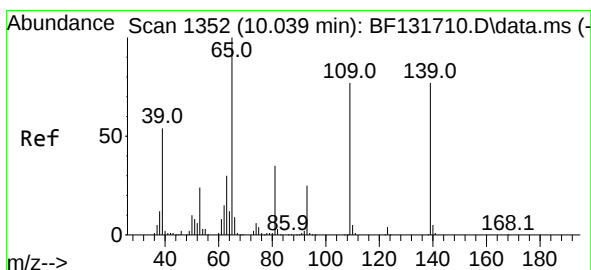
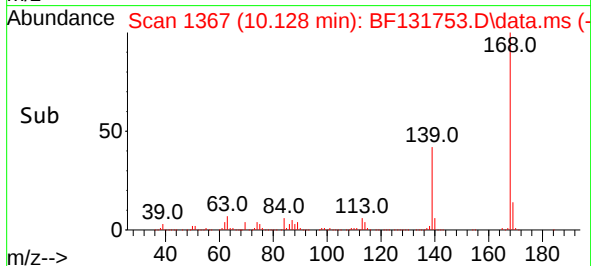
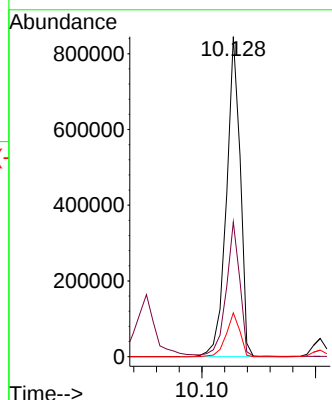
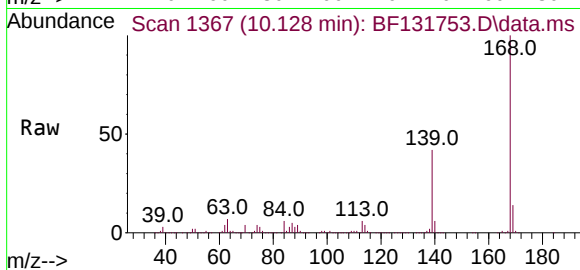
Tgt Ion:168 Resp: 711582

Ion Ratio Lower Upper

168 100

139 42.1 32.7 49.1

169 13.7 10.6 16.0



#56

4-Nitrophenol

Concen: 77.294 ng

RT: 10.051 min Scan# 1354

Delta R.T. 0.012 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

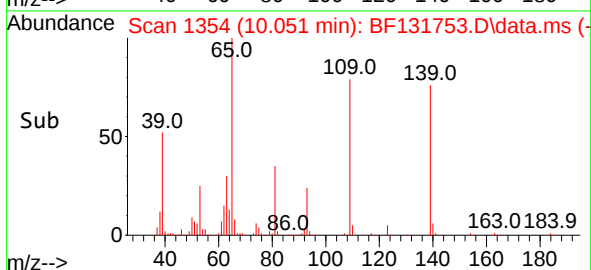
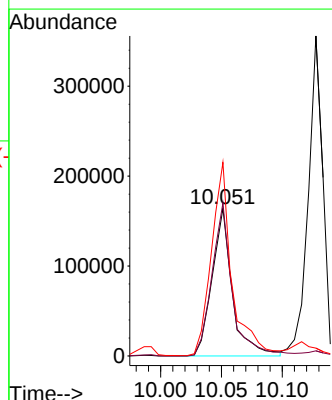
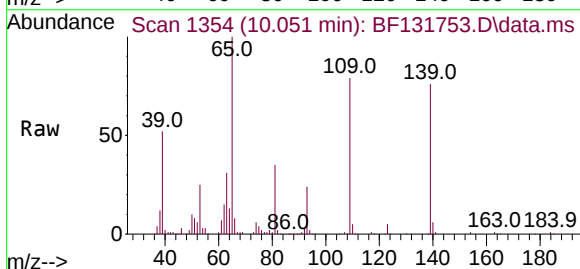
Tgt Ion:139 Resp: 190020

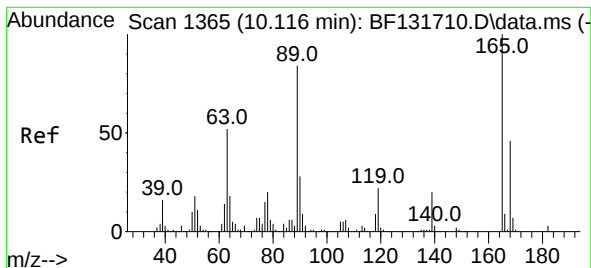
Ion Ratio Lower Upper

139 100

109 103.7 79.9 119.9

65 131.3 110.2 150.2

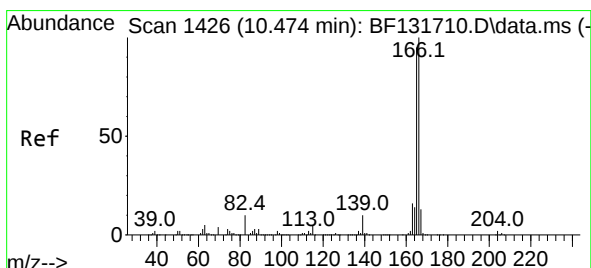
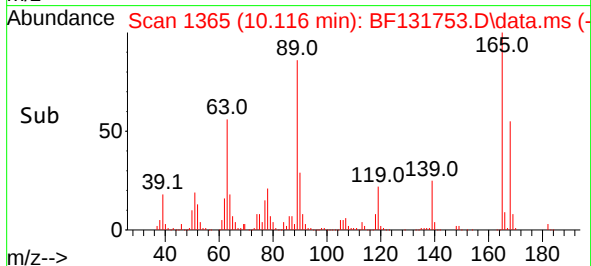
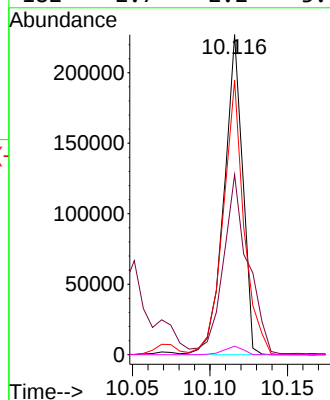
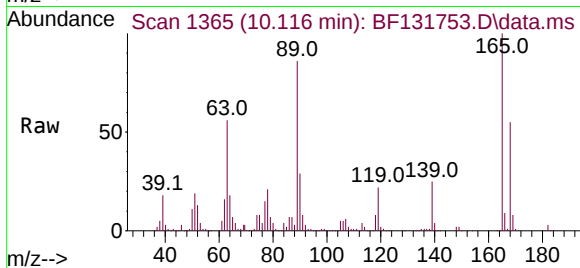




#57  
2,4-Dinitrotoluene  
Concen: 42.141 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

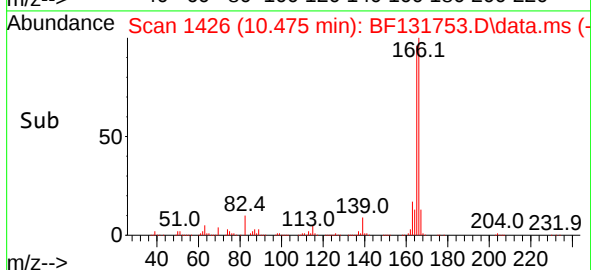
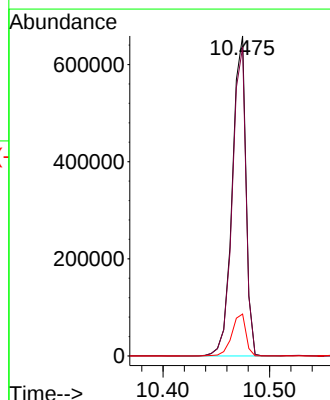
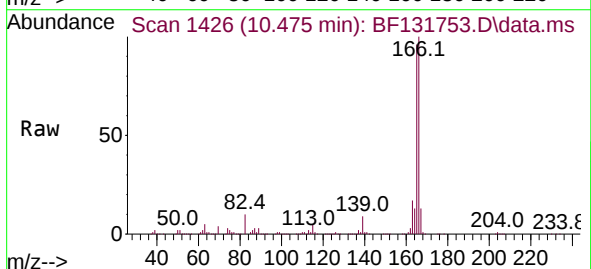
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

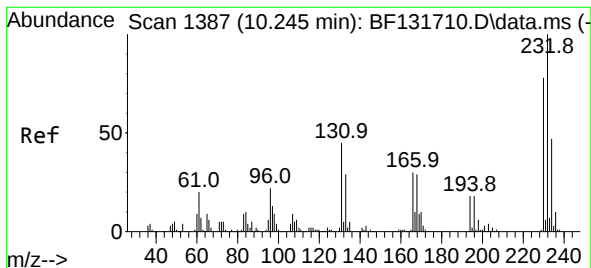
Tgt Ion:165 Resp: 190092  
Ion Ratio Lower Upper  
165 100  
63 56.2 41.5 62.3  
89 85.8 67.0 100.4  
182 2.7 2.2 3.4



#58  
Fluorene  
Concen: 40.154 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion:166 Resp: 584539  
Ion Ratio Lower Upper  
166 100  
165 96.4 75.8 113.8  
167 13.1 10.6 15.8

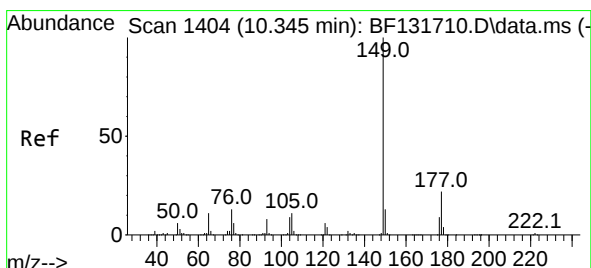
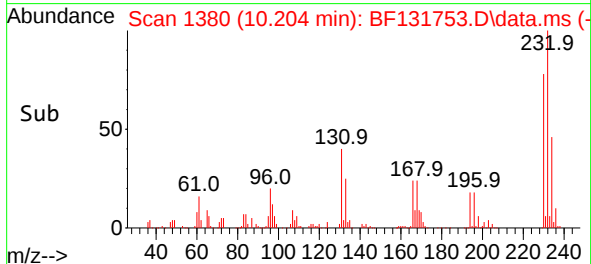
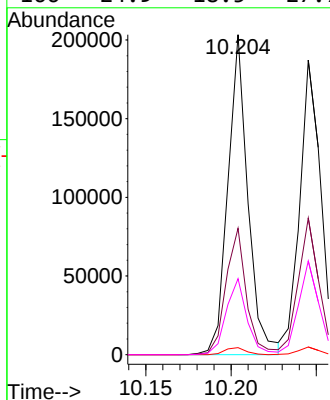
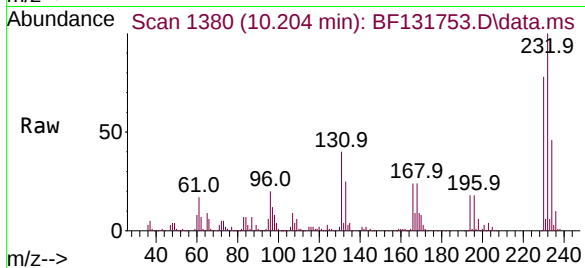




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.638 ng  
RT: 10.204 min Scan# 11  
Delta R.T. -0.041 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

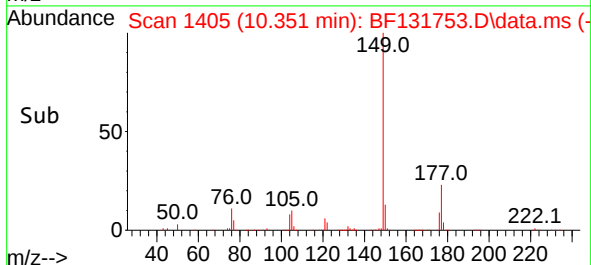
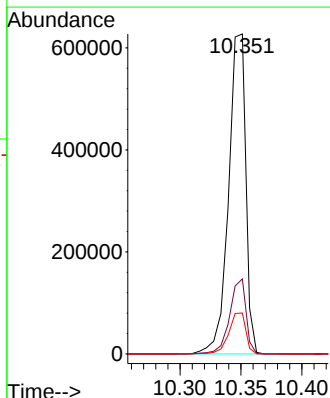
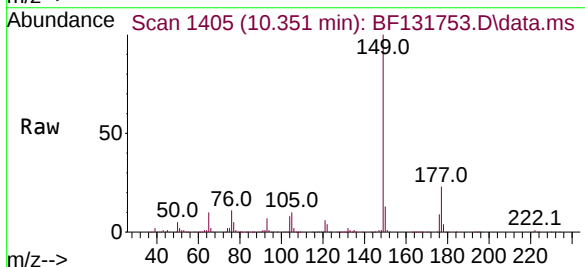
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

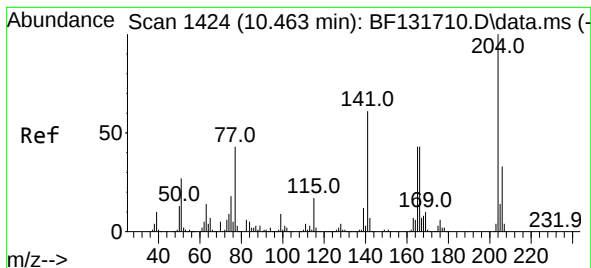
Tgt Ion:232 Resp: 166114  
Ion Ratio Lower Upper  
232 100  
131 40.6 29.9 44.9  
130 2.3 1.7 2.5  
166 24.9 18.5 27.7



#60  
Diethylphthalate  
Concen: 41.036 ng  
RT: 10.351 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion:149 Resp: 617303  
Ion Ratio Lower Upper  
149 100  
177 23.5 17.4 26.0  
150 12.8 10.2 15.2

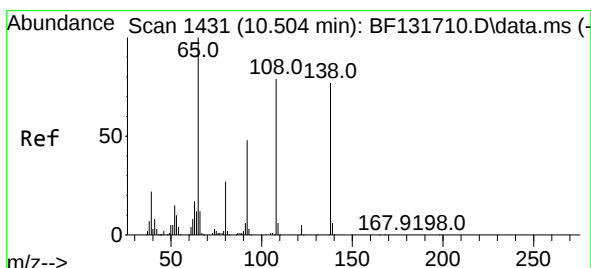
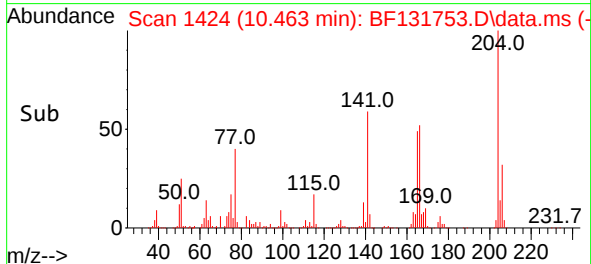
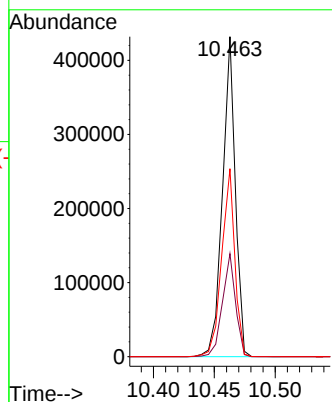
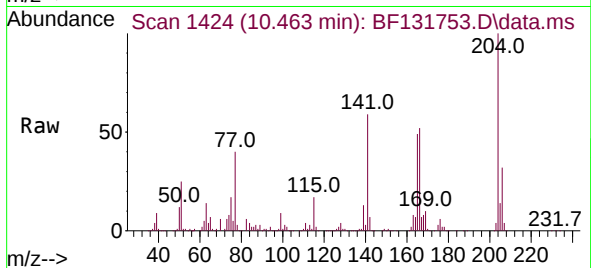




#61  
4-Chlorophenyl-phenylether  
Concen: 41.136 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

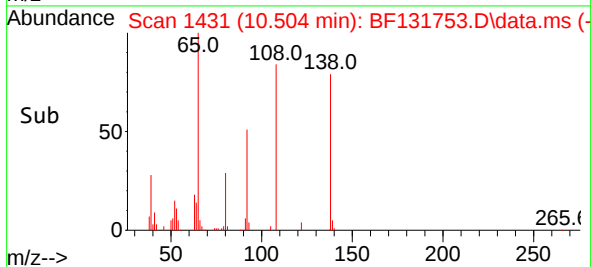
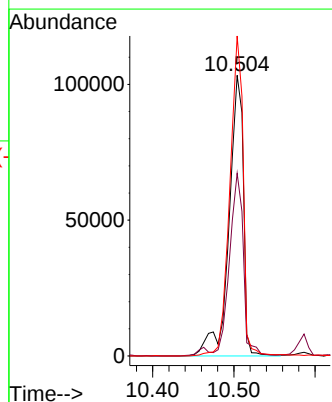
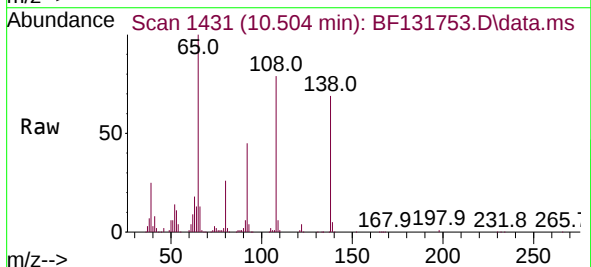
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

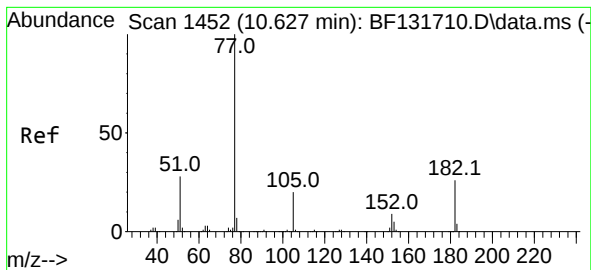
Tgt Ion:204 Resp: 318280  
Ion Ratio Lower Upper  
204 100  
206 32.2 26.6 40.0  
141 58.8 48.6 72.8



#62  
4-Nitroaniline  
Concen: 36.789 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion:138 Resp: 127176  
Ion Ratio Lower Upper  
138 100  
92 65.1 42.1 82.1  
108 114.0 83.1 123.1

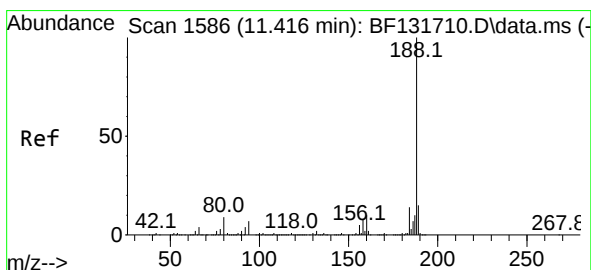
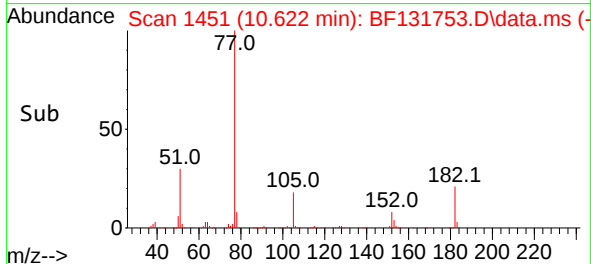
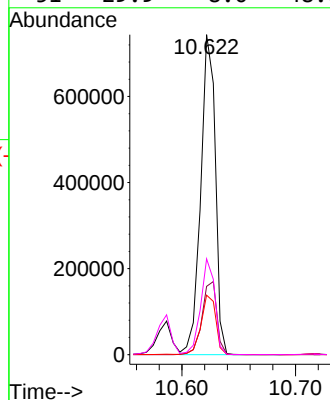
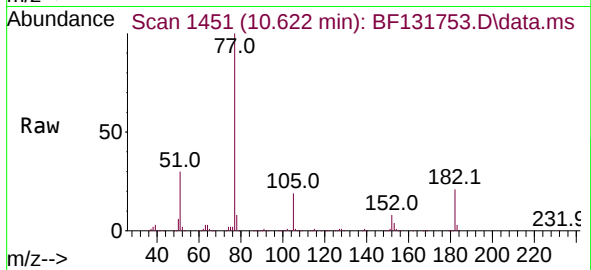




#63  
Azobenzene  
Concen: 40.233 ng  
RT: 10.622 min Scan# 1452  
Delta R.T. -0.006 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

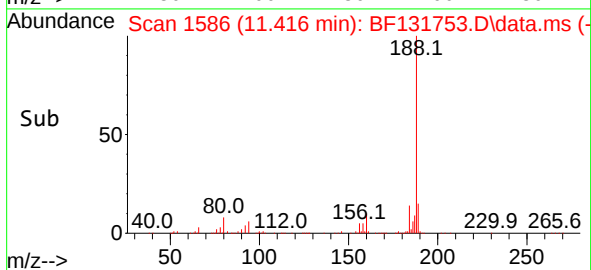
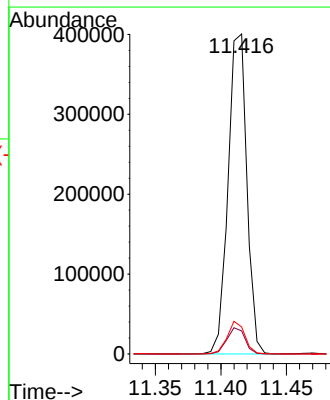
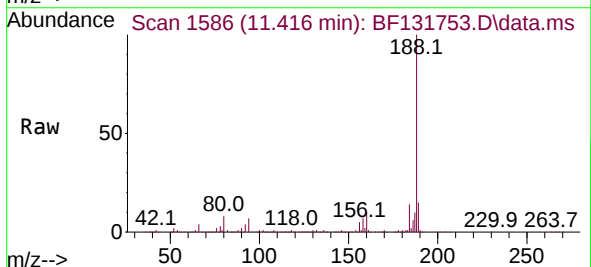
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

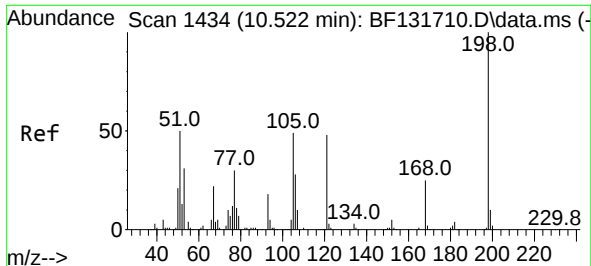
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 664622 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 21.4  | 5.8   | 45.8   |
| 105      | 18.6  | 0.0   | 39.7   |
| 51       | 29.9  | 8.0   | 48.0   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 399240 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 7.2   | 5.9   | 8.9    |
| 80       | 8.5   | 7.0   | 10.6   |

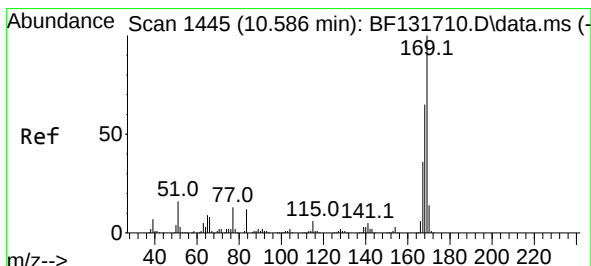
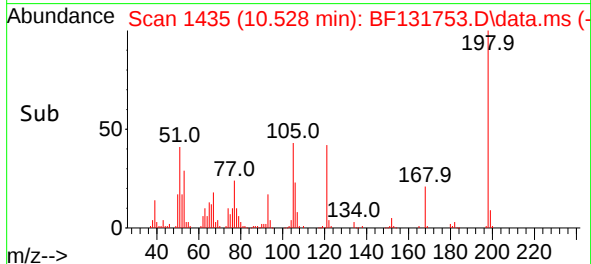
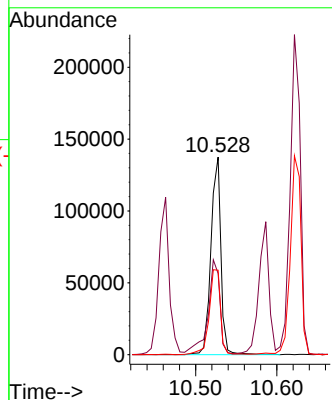
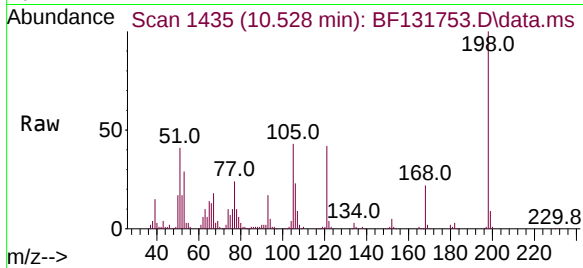




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.696 ng  
RT: 10.528 min Scan# 1434  
Delta R.T. 0.006 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

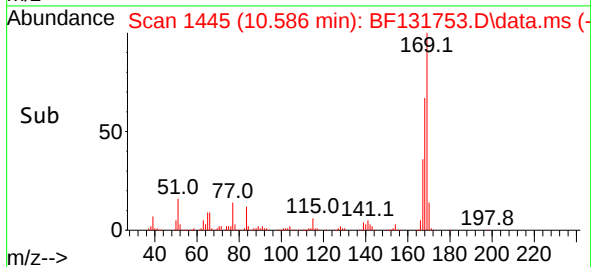
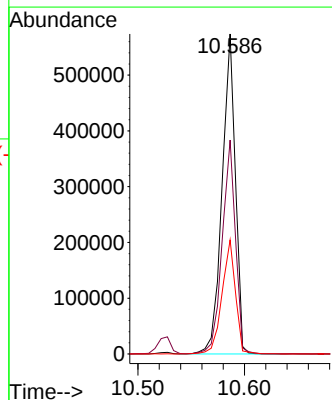
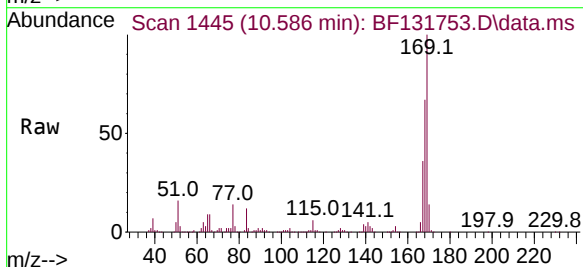
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

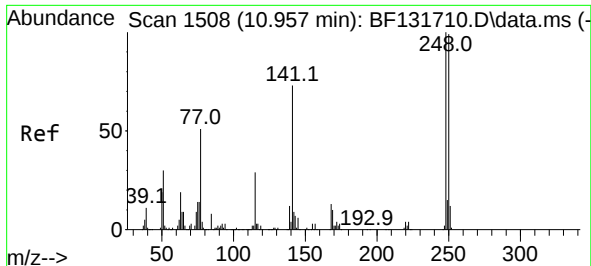
Tgt Ion:198 Resp: 117032  
Ion Ratio Lower Upper  
198 100  
51 41.0 34.1 74.1  
105 42.7 29.7 69.7



#66  
n-Nitrosodiphenylamine  
Concen: 39.980 ng  
RT: 10.586 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion:169 Resp: 494985  
Ion Ratio Lower Upper  
169 100  
168 66.9 52.4 78.6  
167 35.6 28.6 42.8

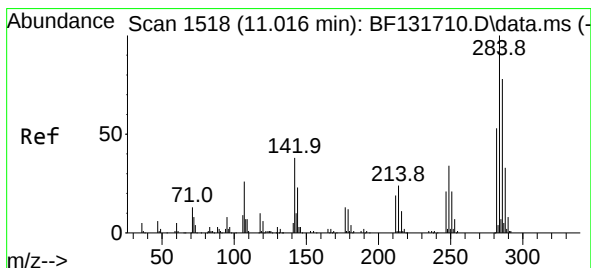
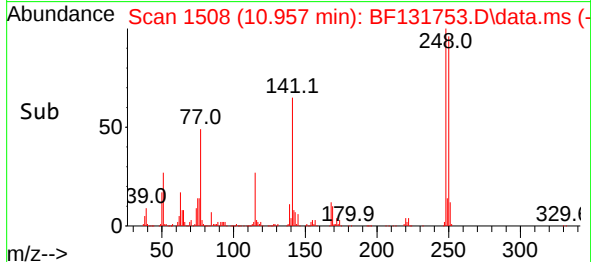
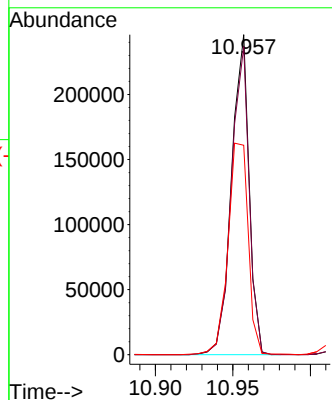
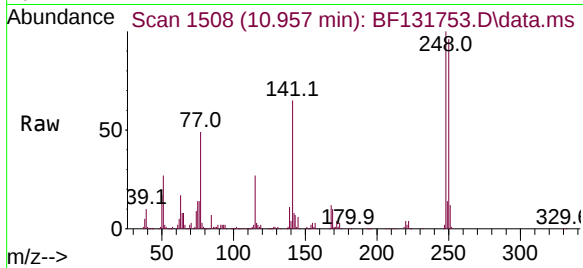




#67  
4-Bromophenyl-phenylether  
Concen: 41.284 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

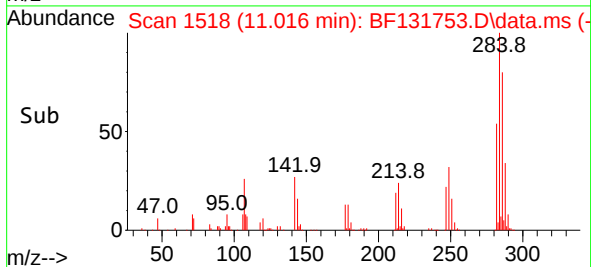
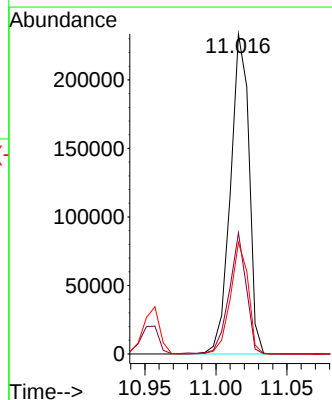
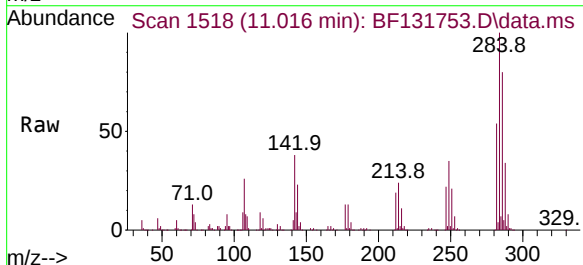
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

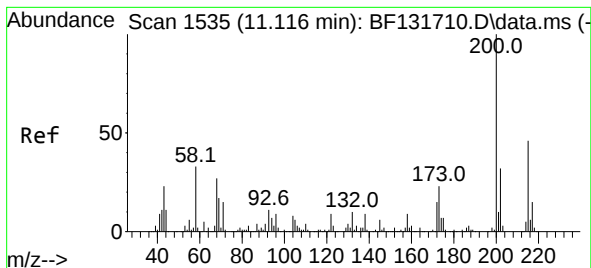
Tgt Ion:248 Resp: 194665  
Ion Ratio Lower Upper  
248 100  
250 96.2 79.4 119.0  
141 65.4 58.1 87.1



#68  
Hexachlorobenzene  
Concen: 40.976 ng  
RT: 11.016 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion:284 Resp: 212500  
Ion Ratio Lower Upper  
284 100  
142 37.9 30.2 45.4  
249 34.8 27.2 40.8





#69

Atrazine

Concen: 25.493 ng

RT: 11.110 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

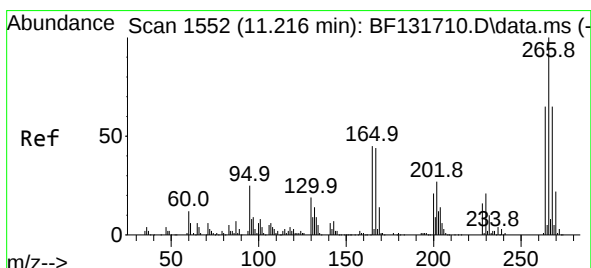
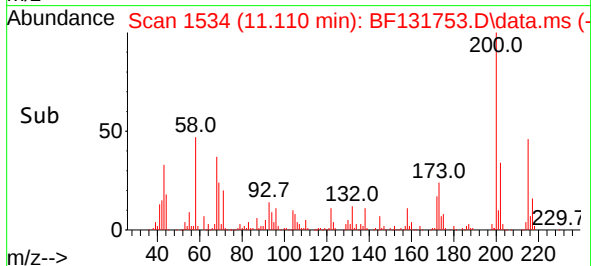
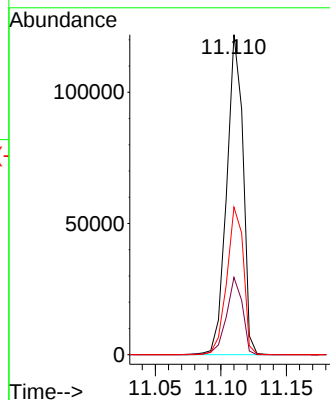
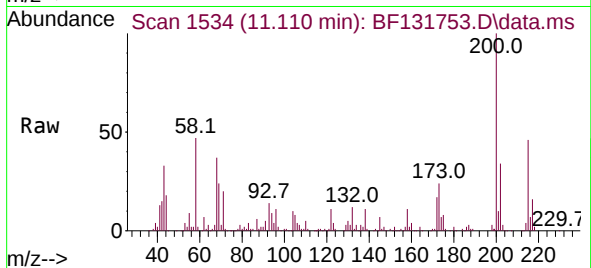
Tgt Ion:200 Resp: 105211

Ion Ratio Lower Upper

200 100

173 24.2 2.7 42.7

215 46.1 26.4 66.4



#70

Pentachlorophenol

Concen: 87.412 ng

RT: 11.216 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

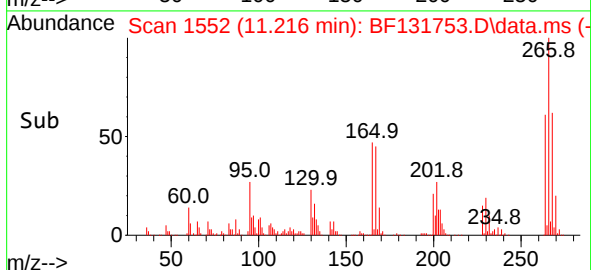
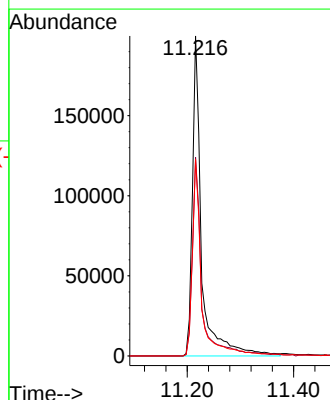
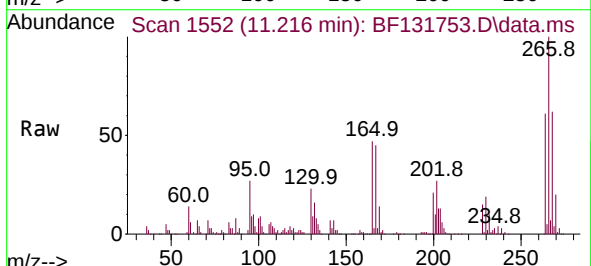
Tgt Ion:266 Resp: 240599

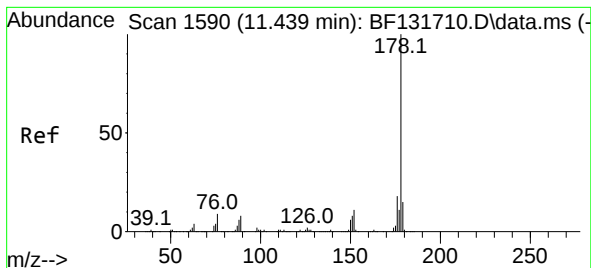
Ion Ratio Lower Upper

266 100

268 62.1 52.2 78.4

264 61.4 52.0 78.0





#71

Phenanthrene

Concen: 39.920 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

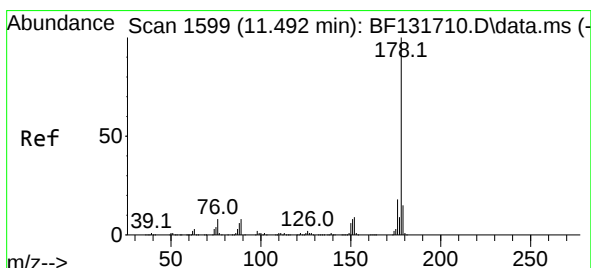
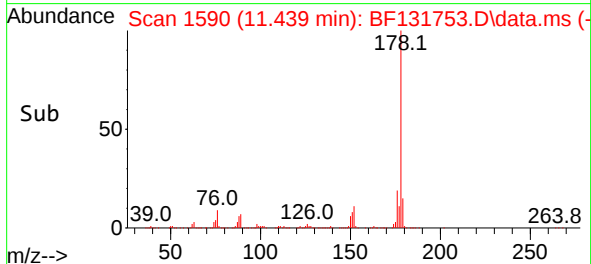
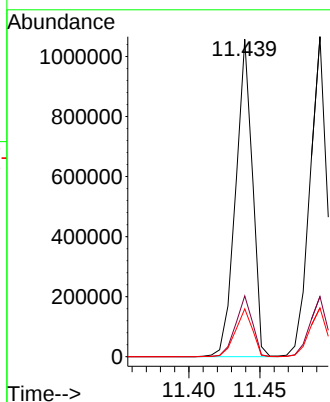
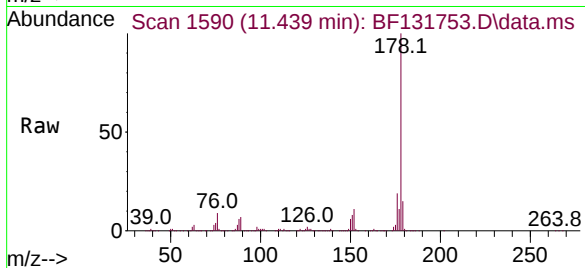
Tgt Ion:178 Resp: 869062

Ion Ratio Lower Upper

178 100

176 19.2 14.8 22.2

179 15.1 12.2 18.4



#72

Anthracene

Concen: 41.061 ng

RT: 11.492 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

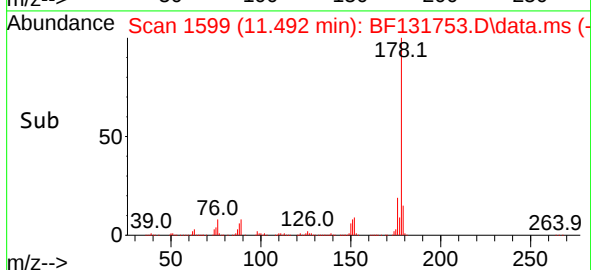
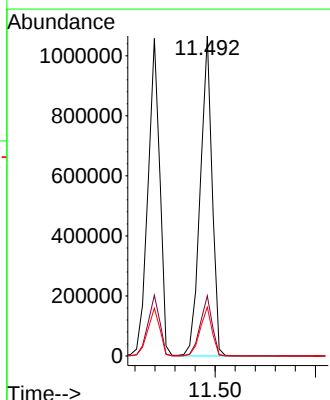
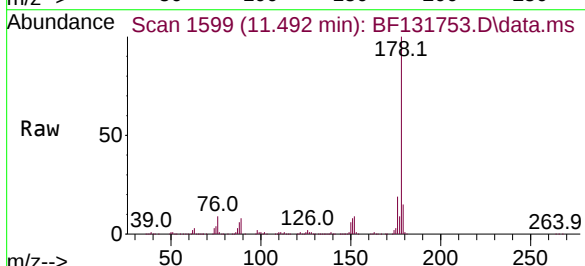
Tgt Ion:178 Resp: 875257

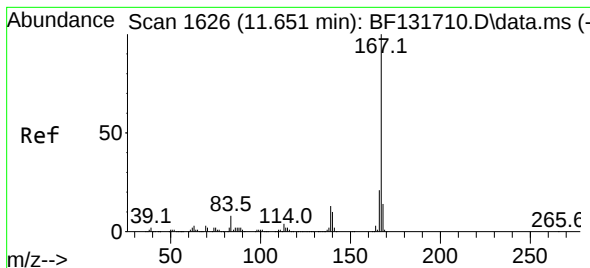
Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

179 15.3 12.2 18.4





#73

Carbazole

Concen: 41.627 ng

RT: 11.651 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

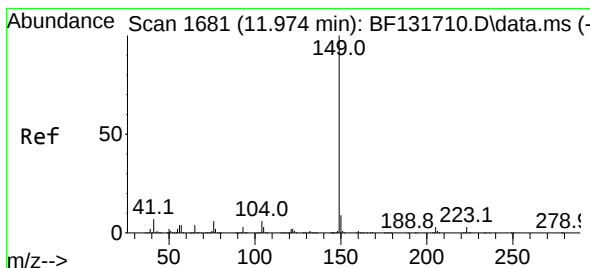
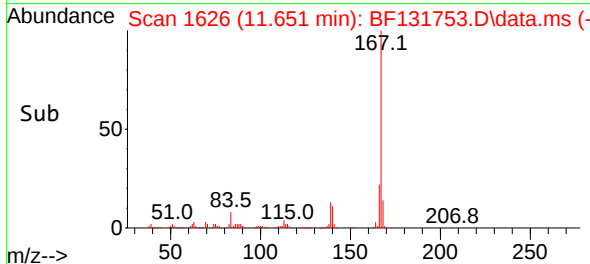
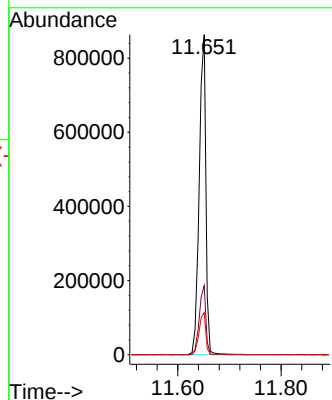
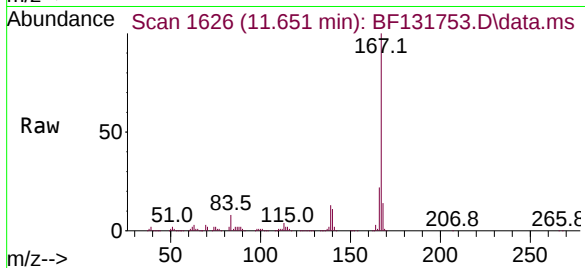
Tgt Ion:167 Resp: 767680

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 42.681 ng

RT: 11.975 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

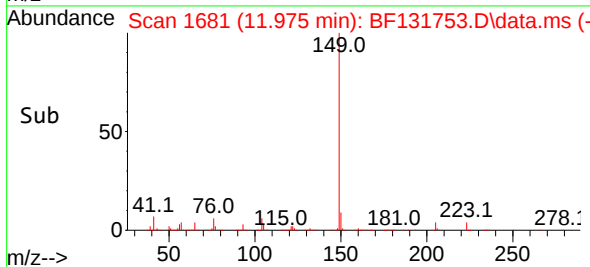
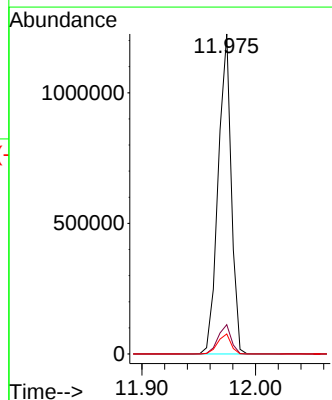
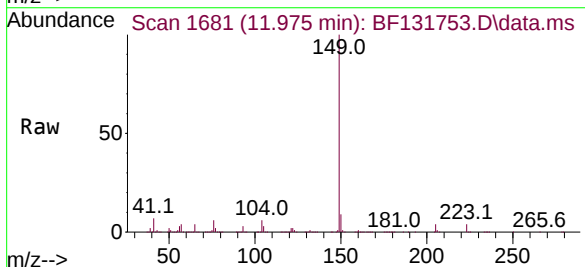
Tgt Ion:149 Resp: 980098

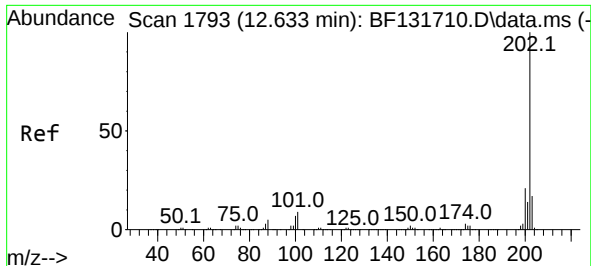
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 6.3 5.0 7.4

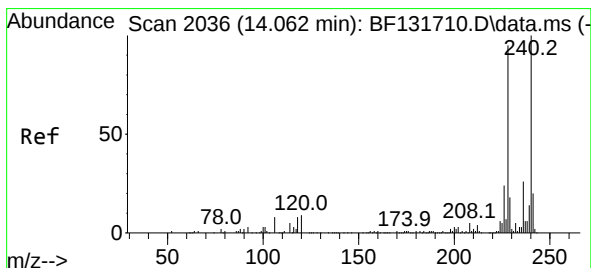
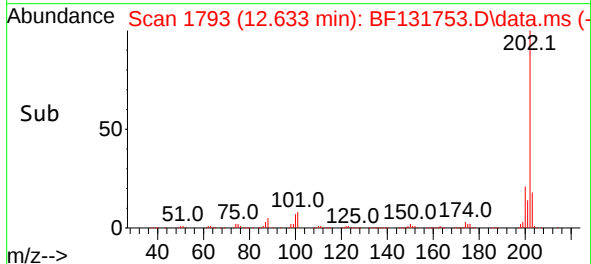
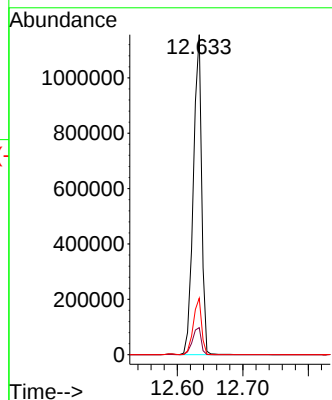
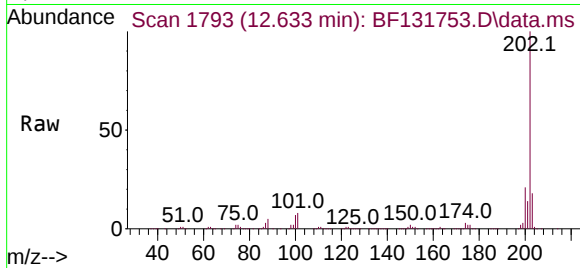




#75  
Fluoranthene  
Concen: 41.806 ng  
RT: 12.633 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

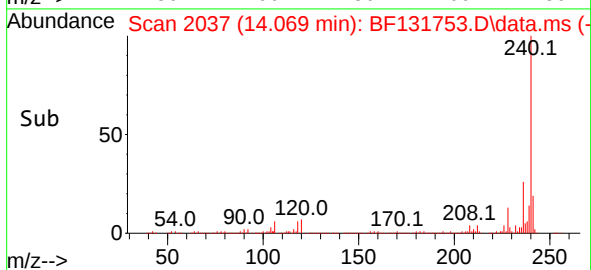
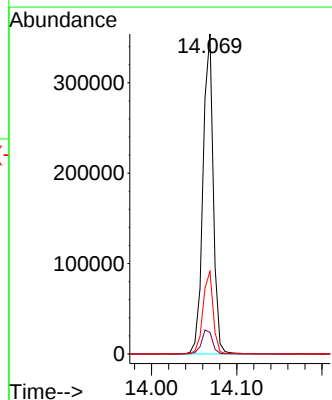
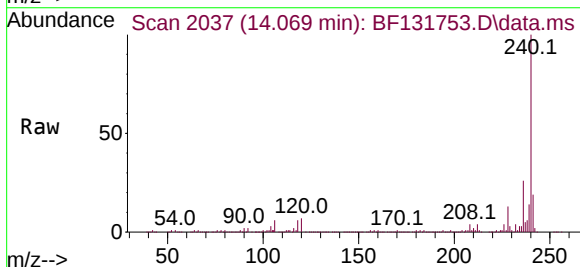
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

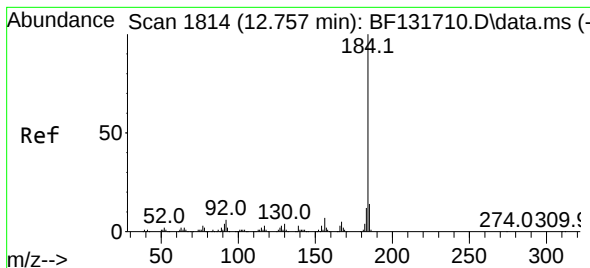
Tgt Ion:202 Resp: 1013612  
Ion Ratio Lower Upper  
202 100  
101 8.5 0.0 28.8  
203 17.6 0.0 37.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.069 min Scan# 2037  
Delta R.T. 0.006 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion:240 Resp: 296258  
Ion Ratio Lower Upper  
240 100  
120 6.8 7.6 11.4#  
236 25.8 21.2 31.8





#77

Benzidine

Concen: 6.146 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

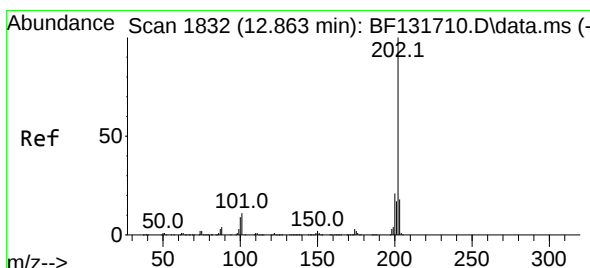
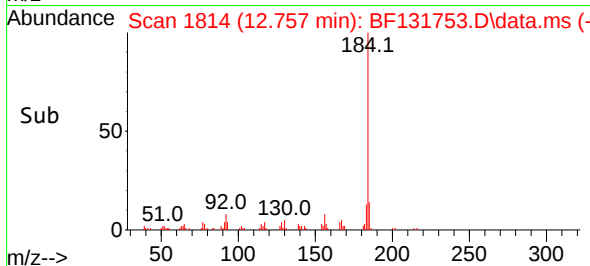
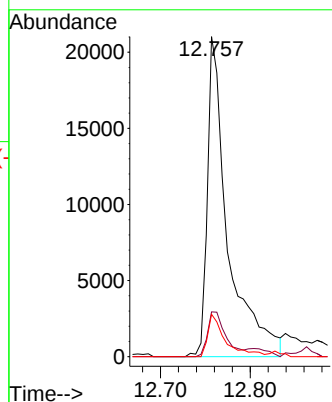
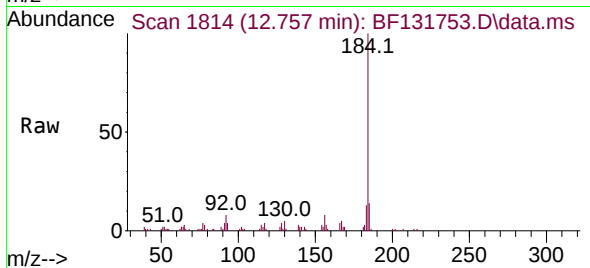
Tgt Ion:184 Resp: 33386

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

183 13.3 9.3 13.9



#78

Pyrene

Concen: 38.163 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

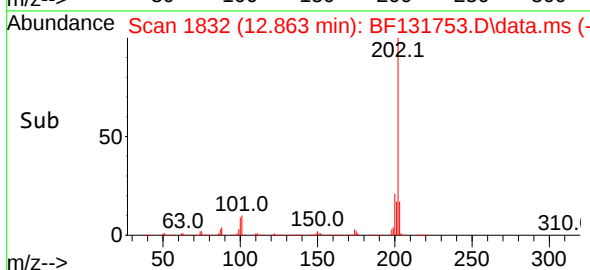
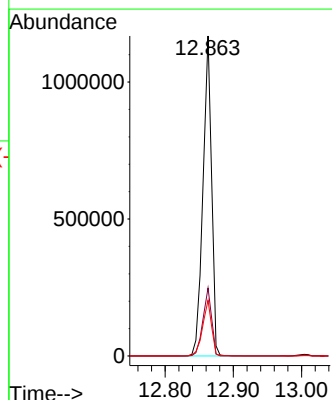
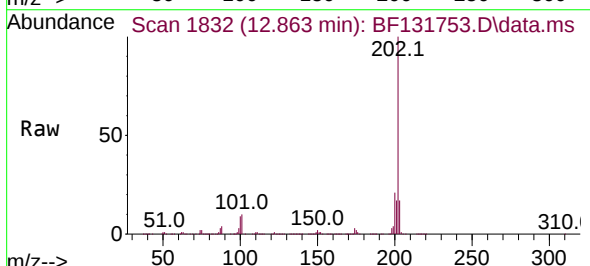
Tgt Ion:202 Resp: 1027927

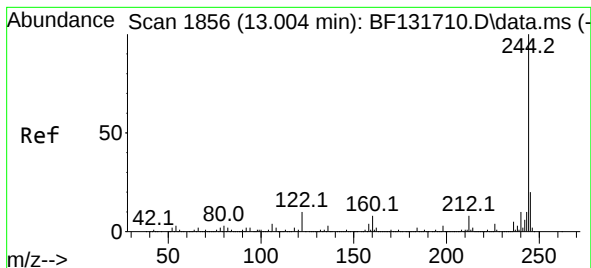
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 83.782 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

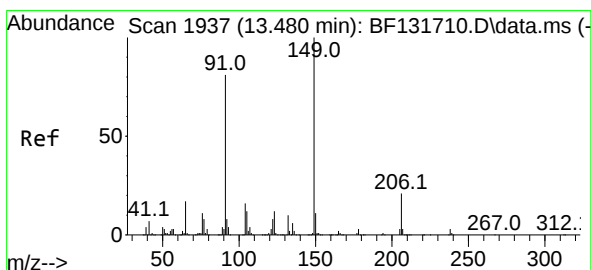
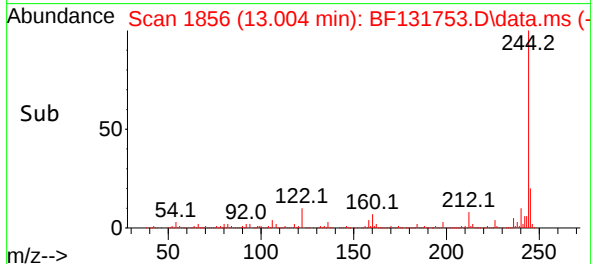
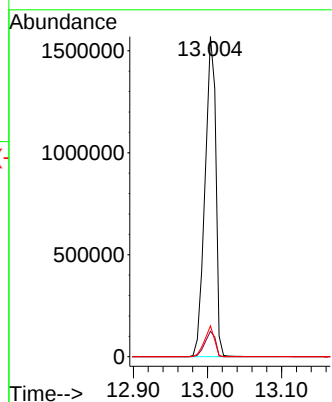
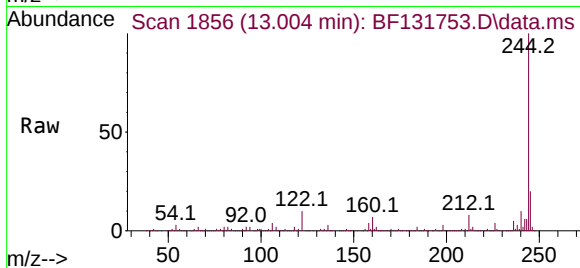
Tgt Ion:244 Resp: 1592607

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 9.7 7.7 11.5



#80

Butylbenzylphthalate

Concen: 43.008 ng

RT: 13.480 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

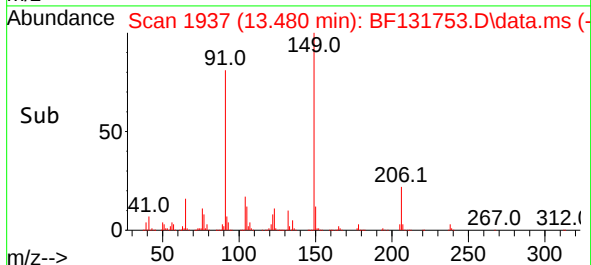
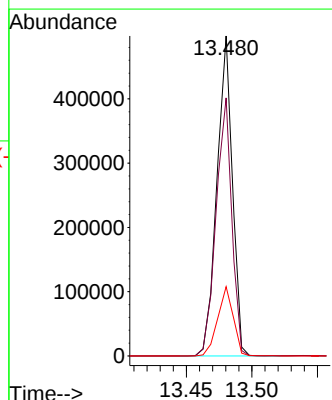
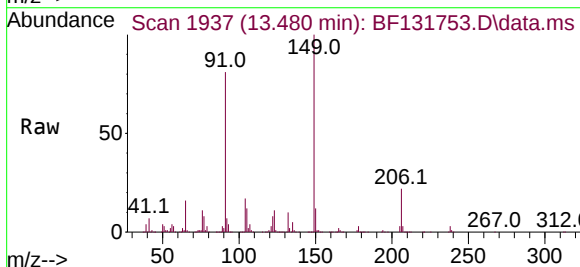
Tgt Ion:149 Resp: 408574

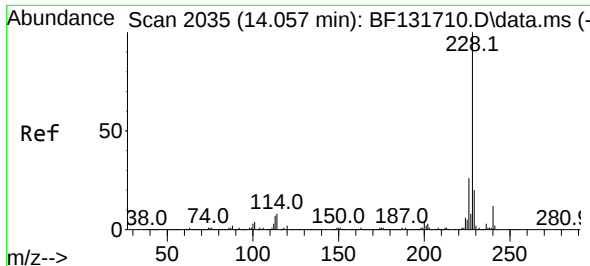
Ion Ratio Lower Upper

149 100

91 80.7 64.9 97.3

206 21.7 17.0 25.4

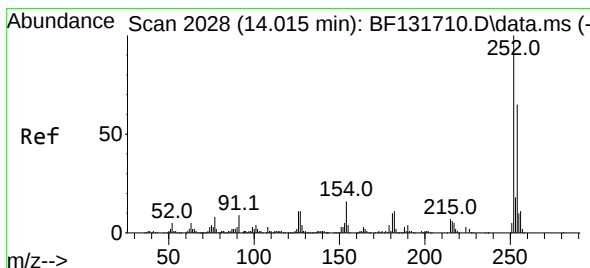
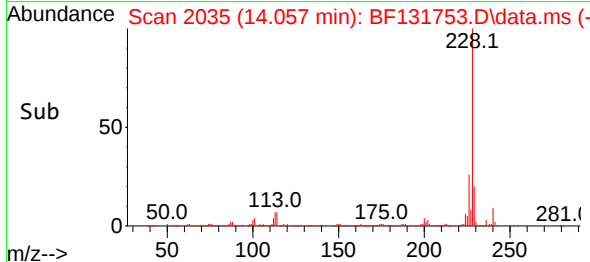
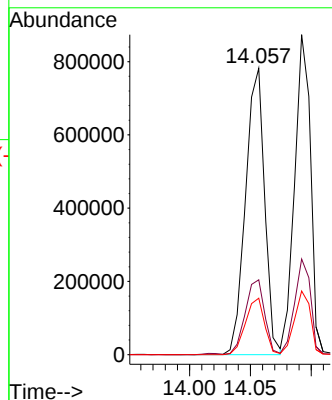
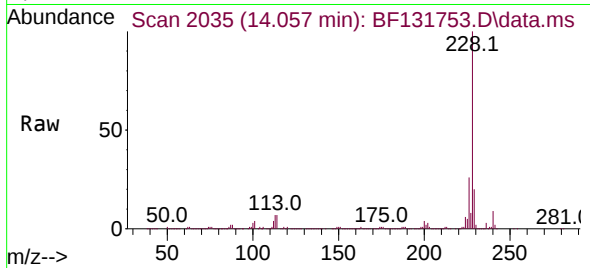




#81  
Benzo(a)anthracene  
Concen: 39.937 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

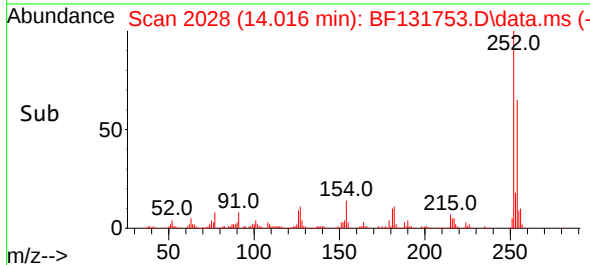
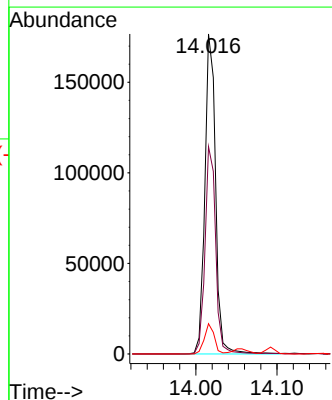
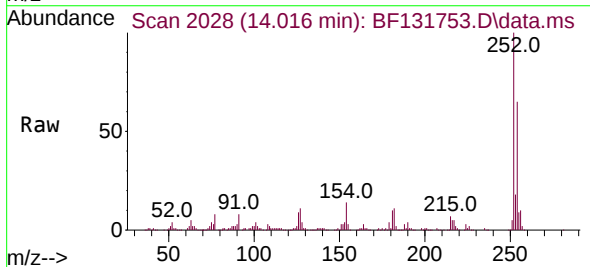
Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

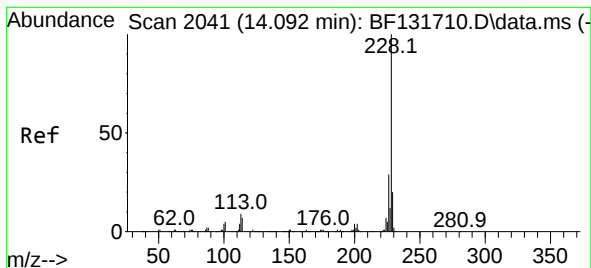
Tgt Ion:228 Resp: 852128  
Ion Ratio Lower Upper  
228 100  
226 26.1 21.0 31.4  
229 19.7 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 27.147 ng  
RT: 14.016 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion:252 Resp: 161715  
Ion Ratio Lower Upper  
252 100  
254 64.8 52.1 78.1  
126 9.5 8.4 12.6





#83

Chrysene

Concen: 39.595 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

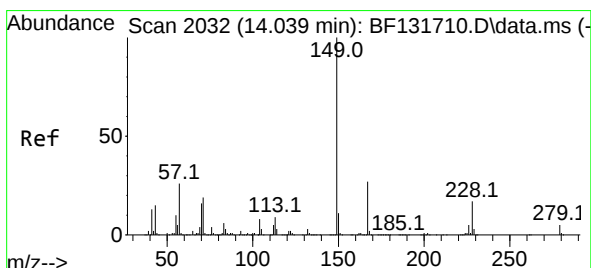
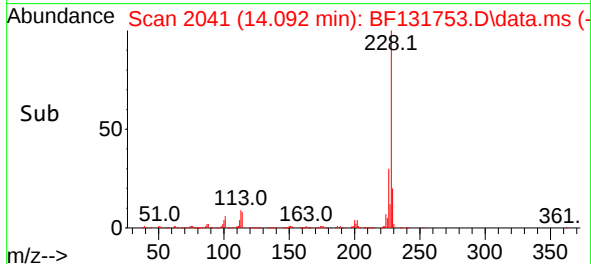
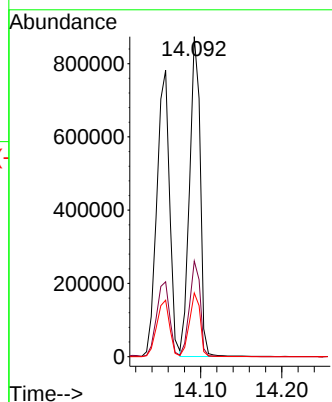
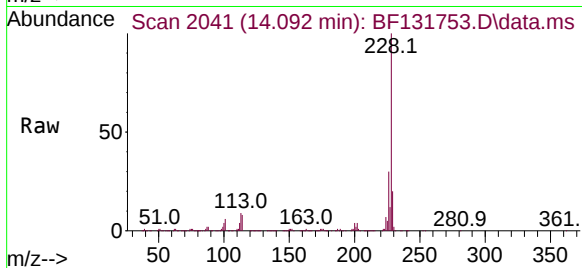
Tgt Ion:228 Resp: 797382

Ion Ratio Lower Upper

228 100

226 29.9 23.5 35.3

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.951 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

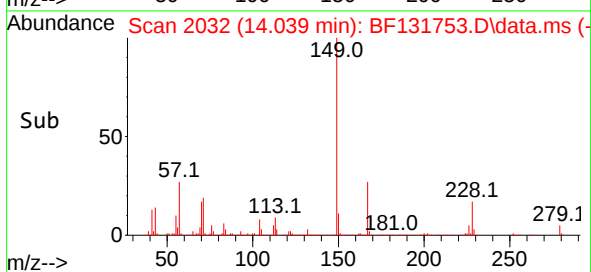
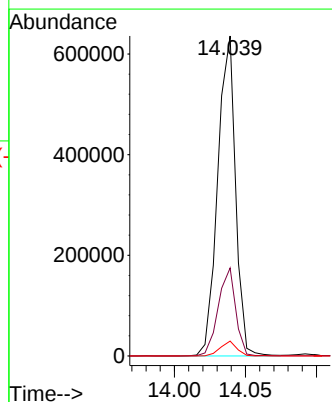
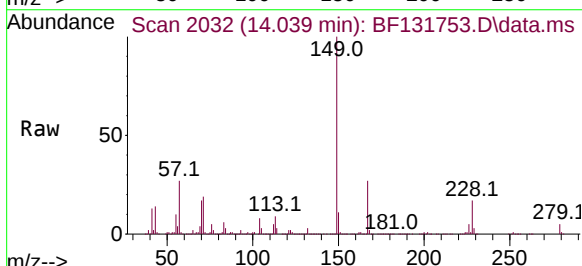
Tgt Ion:149 Resp: 554526

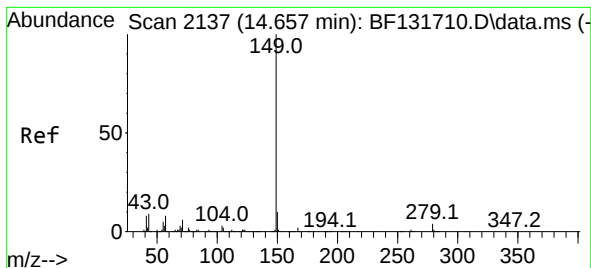
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 53.336 ng

RT: 14.657 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

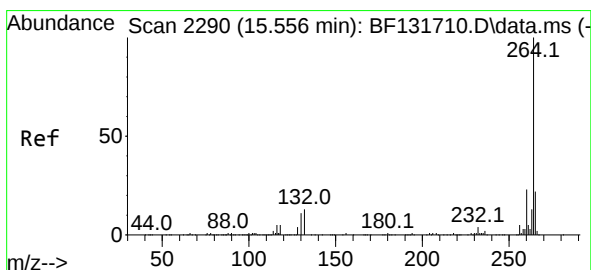
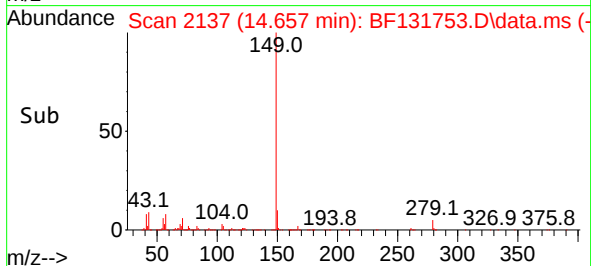
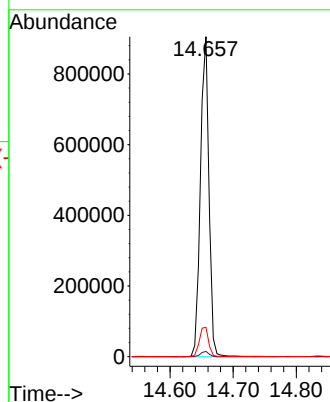
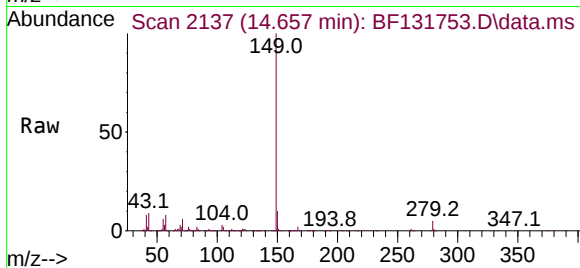
Tgt Ion:149 Resp: 843397

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 9.8 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: BF131753.D

Acq: 21 Dec 2022 19:23

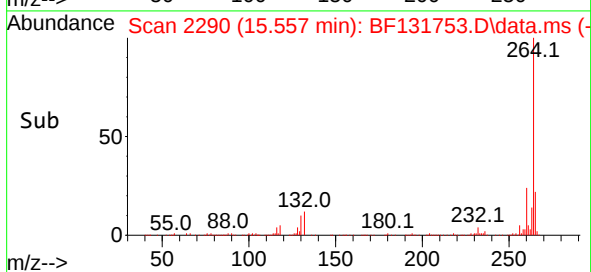
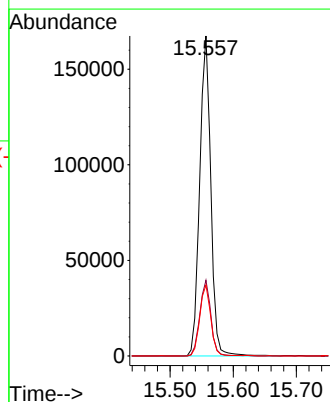
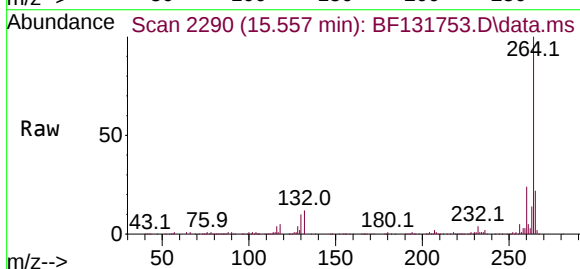
Tgt Ion:264 Resp: 204349

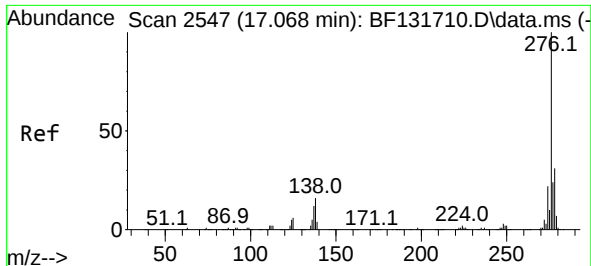
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.2 17.4 26.2

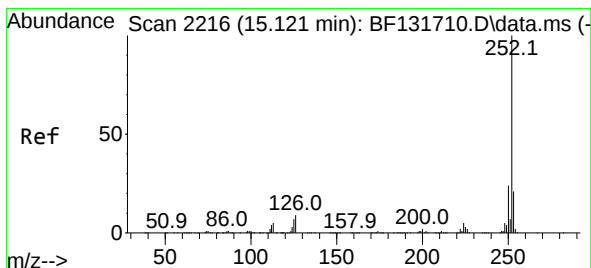
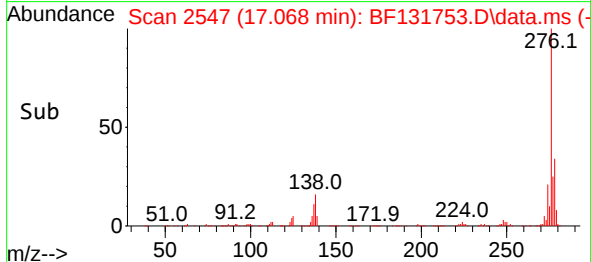
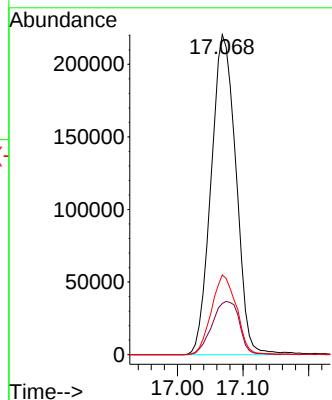
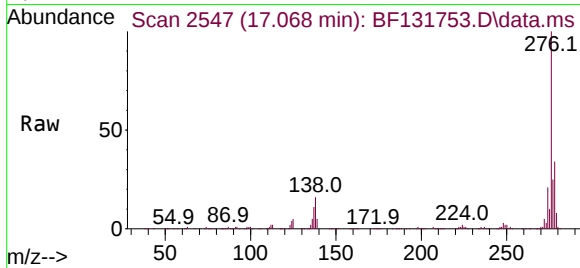




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.132 ng  
 RT: 17.068 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF131753.D  
 Acq: 21 Dec 2022 19:23

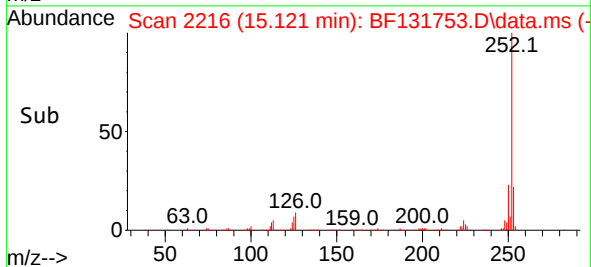
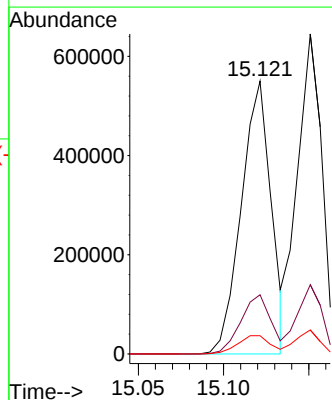
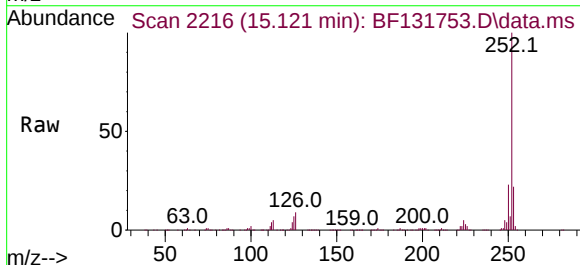
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149691BSD

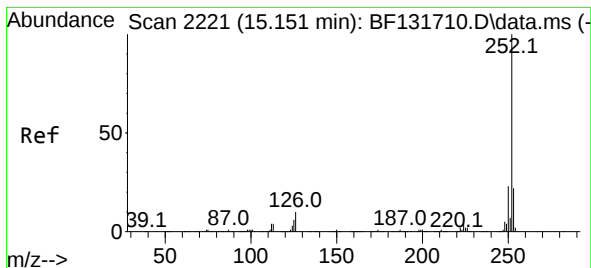
Tgt Ion:276 Resp: 578291  
 Ion Ratio Lower Upper  
 276 100  
 138 18.5 14.4 21.6  
 277 25.3 19.8 29.8



#88  
 Benzo(b)fluoranthene  
 Concen: 46.321 ng  
 RT: 15.121 min Scan# 2216  
 Delta R.T. 0.000 min  
 Lab File: BF131753.D  
 Acq: 21 Dec 2022 19:23

Tgt Ion:252 Resp: 669679  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.2 25.8  
 125 6.7 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 47.242 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PB149691BSD

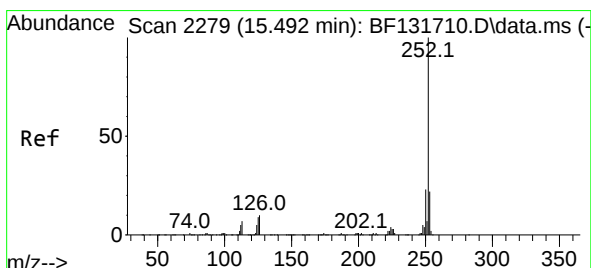
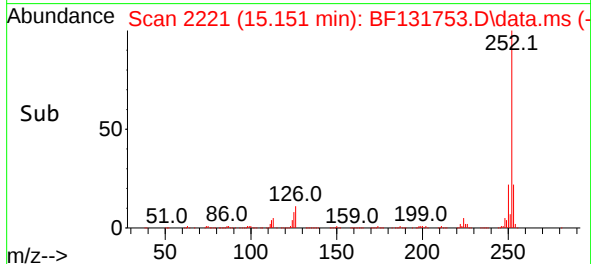
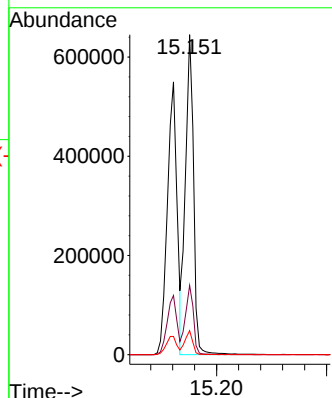
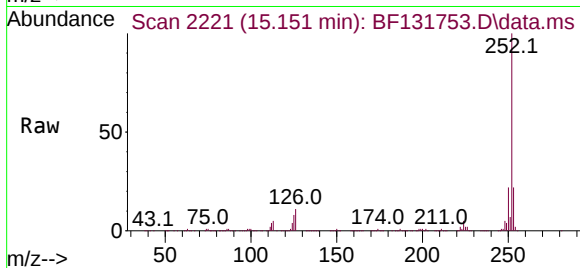
Tgt Ion:252 Resp: 666465

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 7.5 5.2 7.8



#90

Benzo(a)pyrene

Concen: 47.296 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

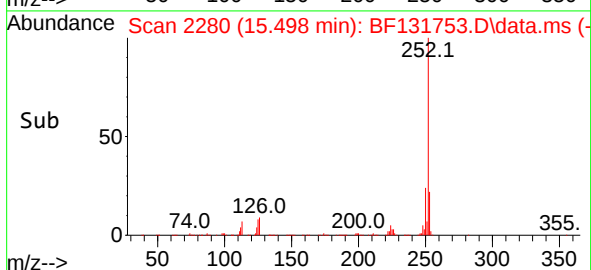
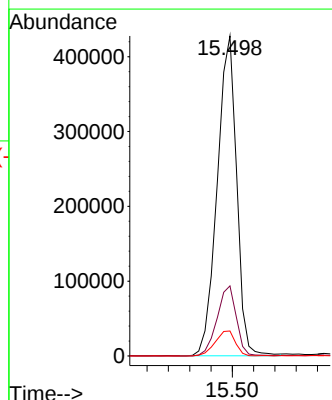
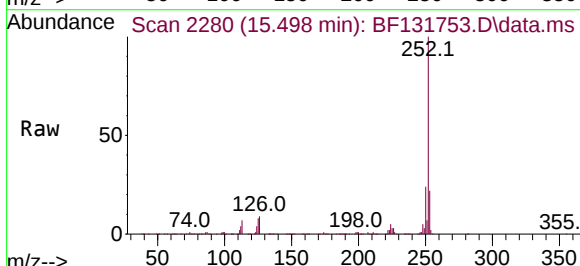
Tgt Ion:252 Resp: 541622

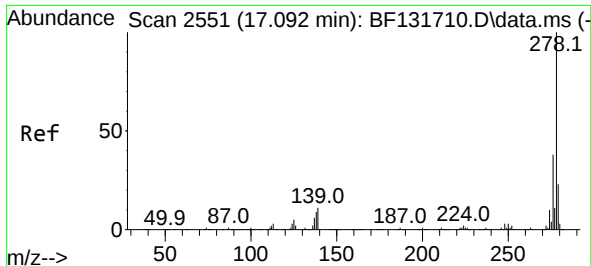
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 7.8 7.0 10.4

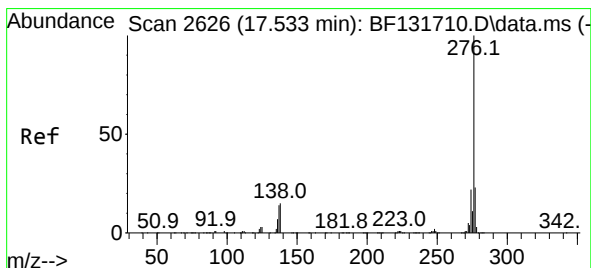
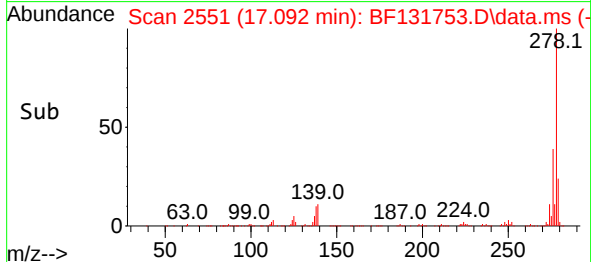
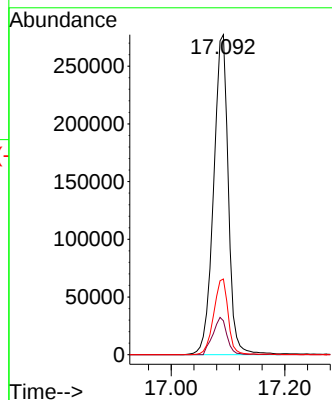
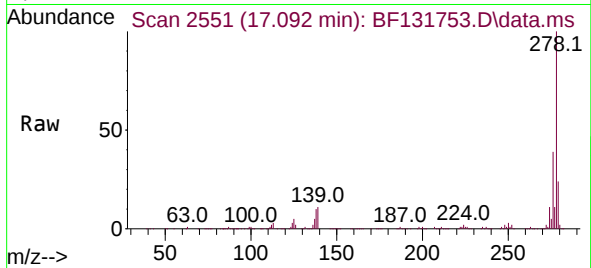




#91  
Dibenzo(a,h)anthracene  
Concen: 43.889 ng  
RT: 17.092 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB149691BSD

Tgt Ion:278 Resp: 497836  
Ion Ratio Lower Upper  
278 100  
139 10.6 8.7 13.1  
279 23.7 18.7 28.1



#92  
Benzo(g,h,i)perylene  
Concen: 41.806 ng  
RT: 17.527 min Scan# 2625  
Delta R.T. -0.006 min  
Lab File: BF131753.D  
Acq: 21 Dec 2022 19:23

Tgt Ion:276 Resp: 468705  
Ion Ratio Lower Upper  
276 100  
277 24.6 18.3 27.5  
138 15.4 12.3 18.5

