

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030623\  
 Data File : BF132659.D  
 Acq On : 06 Mar 2023 20:45  
 Operator : CG\JU  
 Sample : 01787-01MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1MSD

Quant Time: Mar 07 00:58:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 23:17:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.998  | 152  | 184935   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.286  | 136  | 668249   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.051 | 164  | 340772   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.545 | 188  | 577867   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.204 | 240  | 309826   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.757 | 264  | 411331   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.628  | 112  | 673889   | 59.140 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.628  | 99   | 855508   | 57.527 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.563  | 82   | 532365   | 37.797 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.839 | 330  | 201324   | 54.705 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.357  | 172  | 911021   | 40.707 | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.133 | 244  | 787595   | 42.980 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.928  | 88   | 260573   | 41.340 | ng    | 96       |
| 3) Pyridine                   | 3.687  | 79   | 644337   | 38.511 | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.652  | 42   | 259795   | 41.108 | ng    | 90       |
| 6) Aniline                    | 6.663  | 93   | 678124   | 33.884 | ng    | 96       |
| 8) 2-Chlorophenol             | 6.787  | 128  | 560948   | 47.432 | ng    | 96       |
| 9) Benzaldehyde               | 6.551  | 77   | 277507   | 34.582 | ng    | 97       |
| 10) Phenol                    | 6.640  | 94   | 763256   | 44.767 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.734  | 93   | 589917   | 44.820 | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.940  | 146  | 596087   | 46.968 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.016  | 146  | 584514   | 46.125 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.169  | 146  | 574590   | 47.245 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.140  | 79   | 501611   | 43.797 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.269  | 45   | 727770   | 43.360 | ng    | 99       |
| 17) 2-Methylphenol            | 7.251  | 107  | 464086   | 42.047 | ng    | 94       |
| 18) Hexachloroethane          | 7.516  | 117  | 231623   | 46.784 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.410  | 70   | 346009   | 37.805 | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.404  | 107  | 517042   | 36.259 | ng    | 94       |
| 22) Acetophenone              | 7.410  | 105  | 698555   | 41.457 | ng    | # 87     |
| 24) Nitrobenzene              | 7.587  | 77   | 624724   | 41.472 | ng    | 98       |
| 25) Isophorone                | 7.822  | 82   | 1117240  | 41.373 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.898  | 139  | 301852   | 45.416 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.934  | 122  | 455713   | 43.443 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 8.028  | 93   | 681809   | 43.161 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.145  | 162  | 456661   | 43.764 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.228  | 180  | 513676   | 45.335 | ng    | 98       |
| 31) Naphthalene               | 8.310  | 128  | 1457290  | 42.598 | ng    | 100      |
| 32) Benzoic acid              | 8.045  | 122  | 282560   | 35.287 | ng    | 95       |
| 33) 4-Chloroaniline           | 8.351  | 127  | 287618   | 19.620 | ng    | 95       |
| 34) Hexachlorobutadiene       | 8.422  | 225  | 319148   | 44.326 | ng    | 100      |
| 35) Caprolactam               | 8.734  | 113  | 122807   | 35.699 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.834  | 107  | 476517   | 41.583 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.998  | 142  | 967510   | 41.499 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.098  | 142  | 898261   | 41.228 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.169  | 216  | 502692   | 45.088 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.151  | 237  | 520216   | 86.025 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.281  | 196  | 333822   | 44.181 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030623\  
 Data File : BF132659.D  
 Acq On : 06 Mar 2023 20:45  
 Operator : CG\JU  
 Sample : 01787-01MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

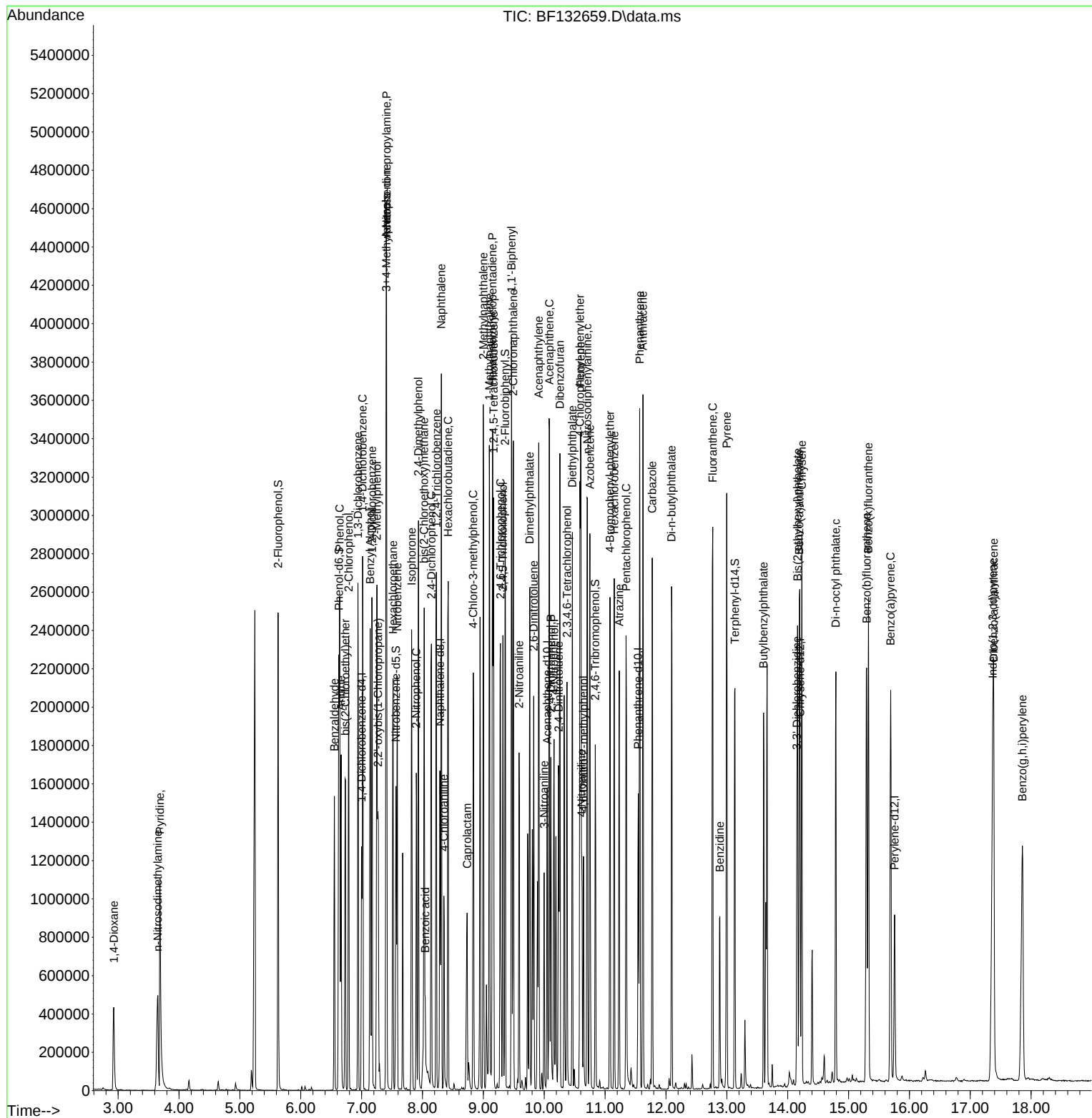
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1MSD

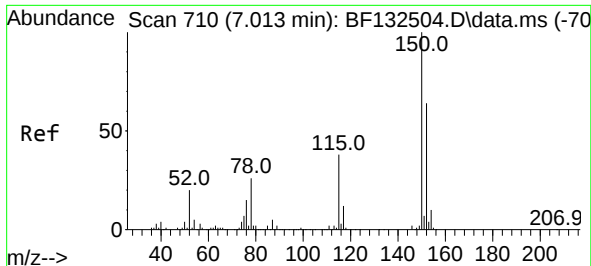
Quant Time: Mar 07 00:58:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 23:17:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.322  | 196  | 352329   | 39.953 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.463  | 154  | 1168454  | 45.302 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.492  | 162  | 935285   | 45.736 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.586  | 65   | 295281   | 39.206 | ng    | 94       |
| 49) Acenaphthylene            | 9.910  | 152  | 1409830  | 43.319 | ng    | 100      |
| 50) Dimethylphthalate         | 9.763  | 163  | 1046674  | 42.183 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.828  | 165  | 240266   | 42.519 | ng    | 98       |
| 52) Acenaphthene              | 10.086 | 154  | 813464   | 39.362 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.998  | 138  | 159510   | 25.234 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 10.110 | 184  | 232583   | 65.654 | ng    | 97       |
| 55) Dibenzofuran              | 10.257 | 168  | 1274960  | 42.318 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.163 | 139  | 308154   | 65.369 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.239 | 165  | 315656   | 41.989 | ng    | # 85     |
| 58) Fluorene                  | 10.598 | 166  | 954629   | 41.425 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.375 | 232  | 284330   | 43.404 | ng    | 97       |
| 60) Diethylphthalate          | 10.463 | 149  | 989504   | 40.833 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.586 | 204  | 503603   | 42.125 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.616 | 138  | 213566   | 34.419 | ng    | 94       |
| 63) Azobenzene                | 10.751 | 77   | 1083348  | 42.212 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.645 | 198  | 165064   | 42.196 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.710 | 169  | 829833   | 46.062 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 11.080 | 248  | 310273   | 47.467 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.151 | 284  | 344629   | 50.106 | ng    | 96       |
| 69) Atrazine                  | 11.233 | 200  | 264105   | 46.959 | ng    | 98       |
| 70) Pentachlorophenol         | 11.345 | 266  | 302855   | 74.008 | ng    | 99       |
| 71) Phenanthrene              | 11.569 | 178  | 1336621  | 44.649 | ng    | 99       |
| 72) Anthracene                | 11.622 | 178  | 1359493  | 44.100 | ng    | 100      |
| 73) Carbazole                 | 11.775 | 167  | 1115354  | 40.129 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.092 | 149  | 1361684  | 41.766 | ng    | 100      |
| 75) Fluoranthene              | 12.769 | 202  | 1237675  | 37.819 | ng    | 99       |
| 77) Benzidine                 | 12.886 | 184  | 393339   | 52.153 | ng    | 99       |
| 78) Pyrene                    | 12.998 | 202  | 1244012  | 44.163 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.604 | 149  | 452603   | 40.717 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.192 | 228  | 1042593  | 44.974 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.151 | 252  | 253373   | 37.073 | ng    | 100      |
| 83) Chrysene                  | 14.233 | 228  | 979042   | 45.163 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.163 | 149  | 598031   | 43.795 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.792 | 149  | 1127207  | 56.489 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.368 | 276  | 1390585  | 51.594 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.298 | 252  | 1200467  | 43.550 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.327 | 252  | 1144440  | 42.421 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.692 | 252  | 1093899  | 42.401 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.386 | 278  | 1132260  | 51.561 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.856 | 276  | 1170663  | 47.200 | ng    | 98       |

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

Quant Time: Mar 07 00:58:40 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 24 23:17:30 2023  
Response via : Initial Calibration

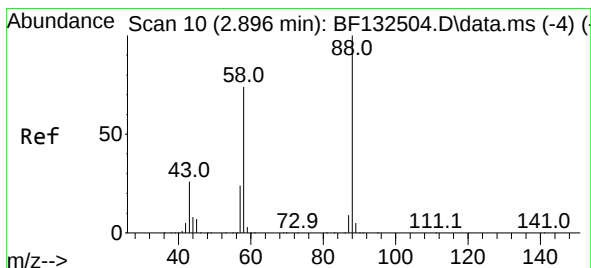
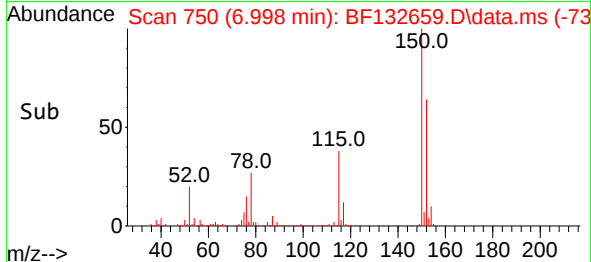
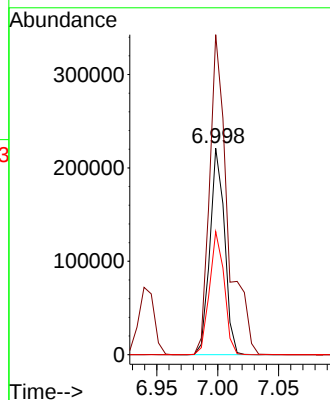
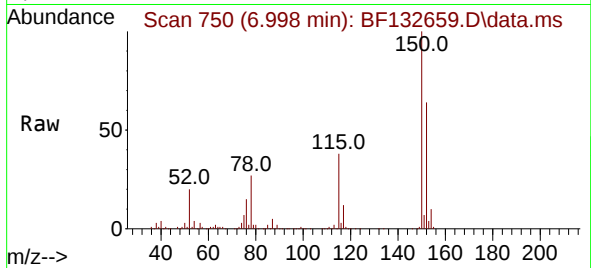




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.998 min Scan# 71  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

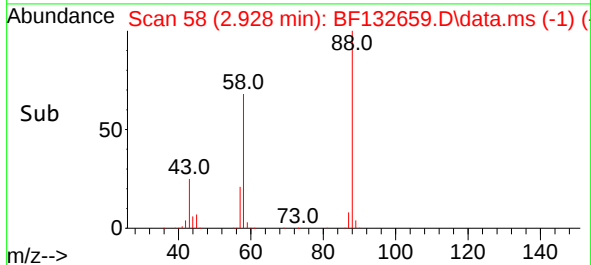
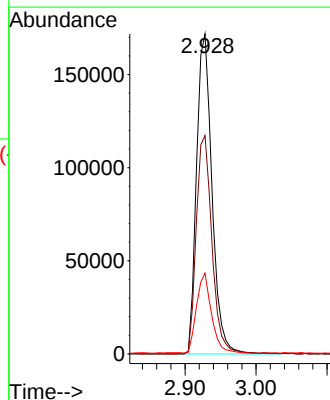
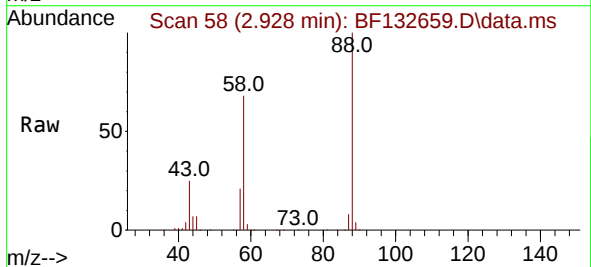
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

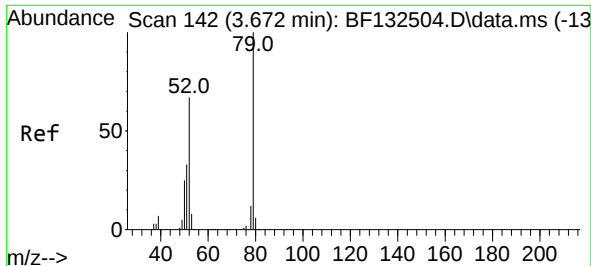
Tgt Ion:152 Resp: 184935  
Ion Ratio Lower Upper  
152 100  
150 155.1 125.4 188.2  
115 59.6 47.8 71.6



#2  
1,4-Dioxane  
Concen: 41.340 ng  
RT: 2.928 min Scan# 58  
Delta R.T. 0.044 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion: 88 Resp: 260573  
Ion Ratio Lower Upper  
88 100  
58 69.2 58.3 87.5  
43 24.1 20.7 31.1

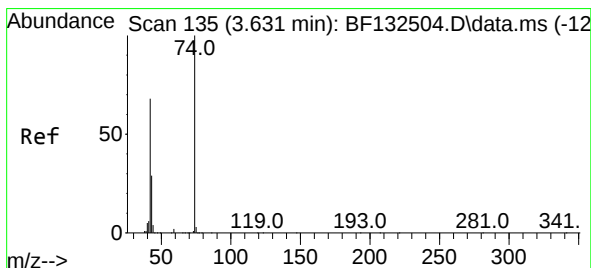
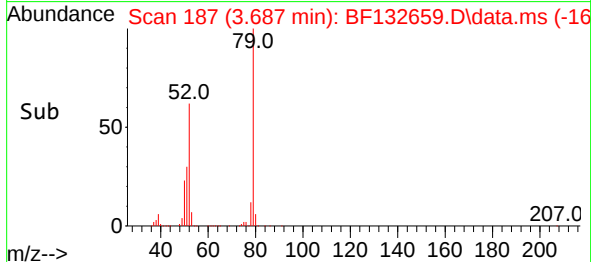
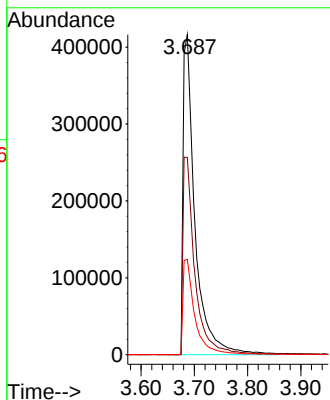
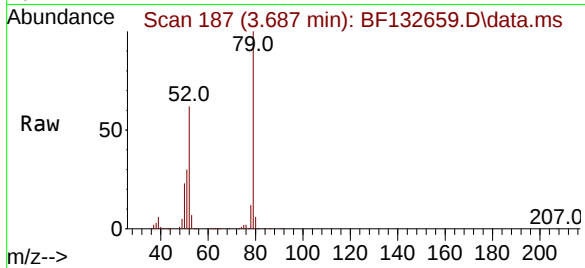




#3  
Pyridine  
Concen: 38.511 ng  
RT: 3.687 min Scan# 11  
Delta R.T. 0.032 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

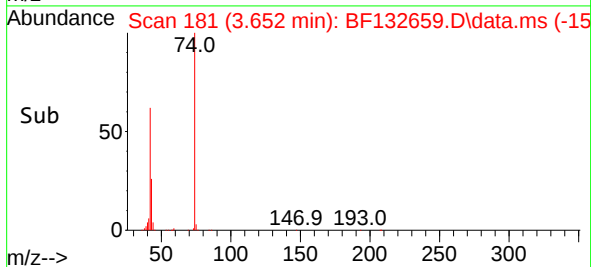
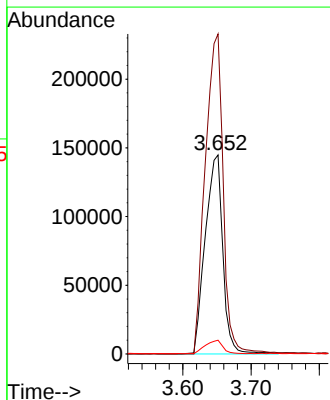
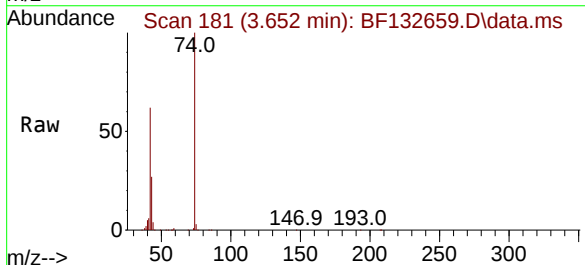
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

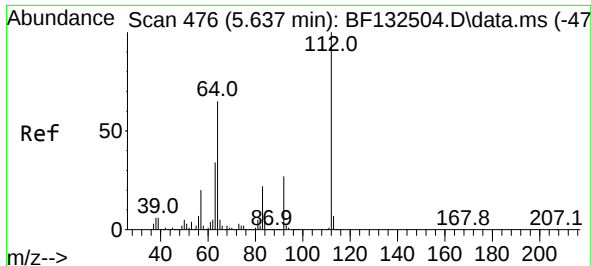
Tgt Ion: 79 Resp: 644337  
Ion Ratio Lower Upper  
79 100  
52 61.6 53.7 80.5  
51 29.8 26.6 40.0



#4  
n-Nitrosodimethylamine  
Concen: 41.108 ng  
RT: 3.652 min Scan# 181  
Delta R.T. 0.027 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion: 42 Resp: 259795  
Ion Ratio Lower Upper  
42 100  
74 160.7 118.2 177.2  
44 6.9 5.3 7.9

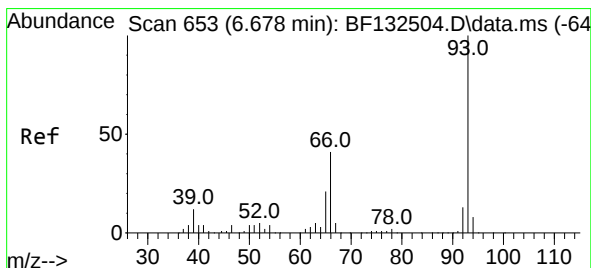
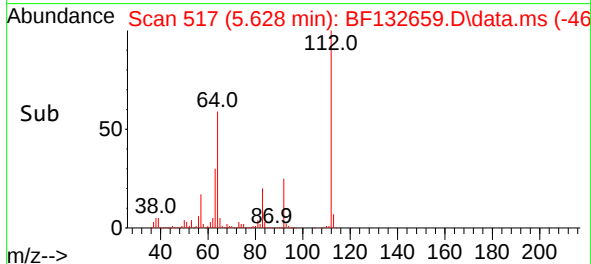
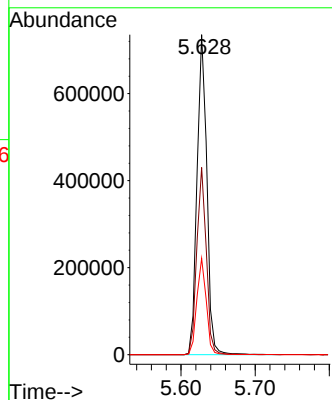
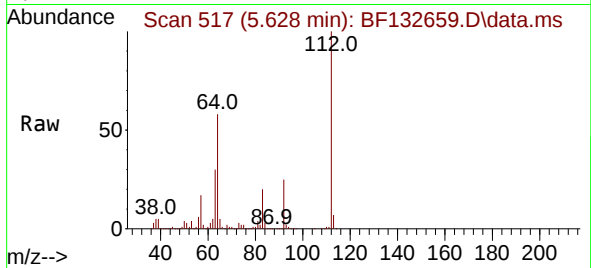




#5  
2-Fluorophenol  
Concen: 59.140 ng  
RT: 5.628 min Scan# 517  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

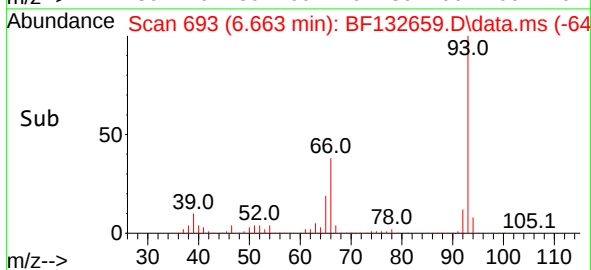
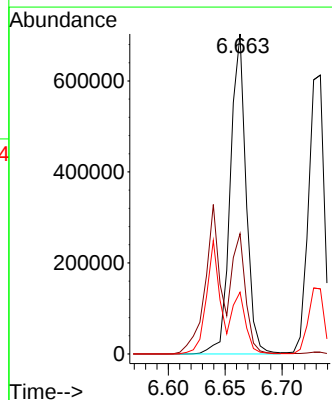
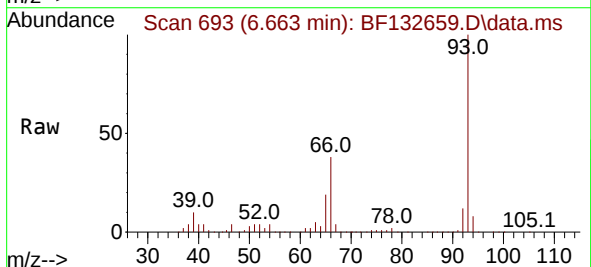
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

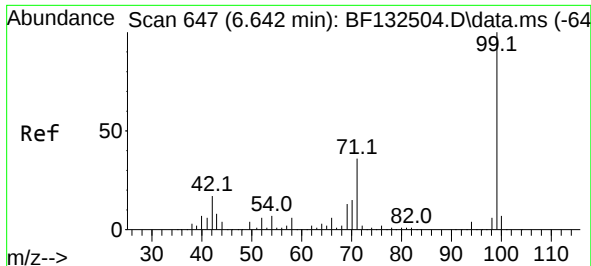
Tgt Ion:112 Resp: 673889  
Ion Ratio Lower Upper  
112 100  
64 58.5 51.6 77.4  
63 30.1 27.4 41.2



#6  
Aniline  
Concen: 33.884 ng  
RT: 6.663 min Scan# 693  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion: 93 Resp: 678124  
Ion Ratio Lower Upper  
93 100  
66 37.6 32.5 48.7  
65 19.3 16.6 24.8

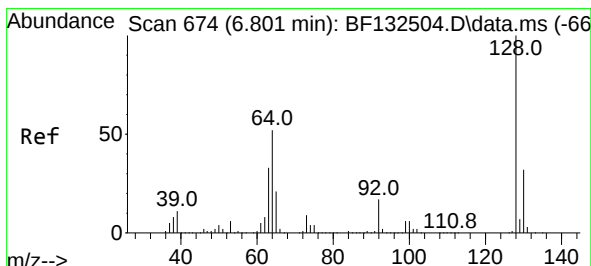
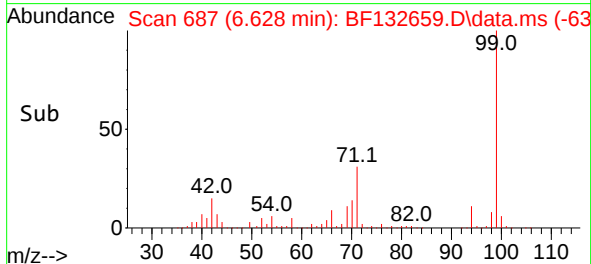
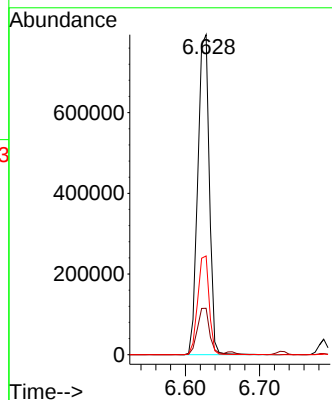
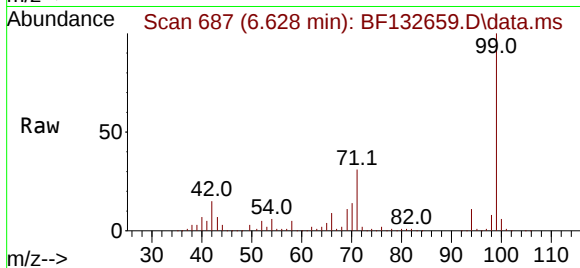




#7  
Phenol-d6  
Concen: 57.527 ng  
RT: 6.628 min Scan# 61  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

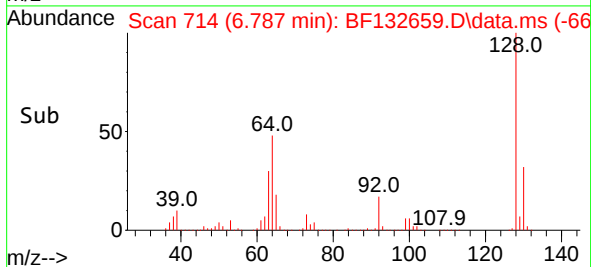
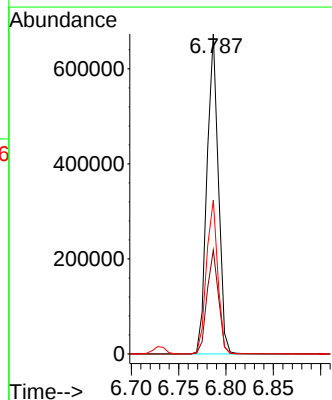
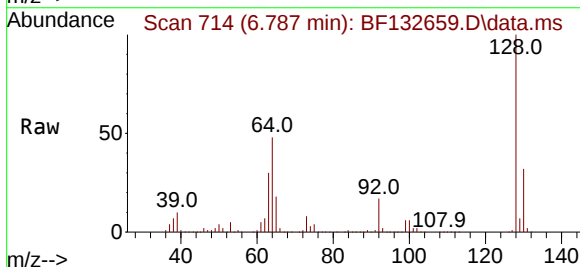
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

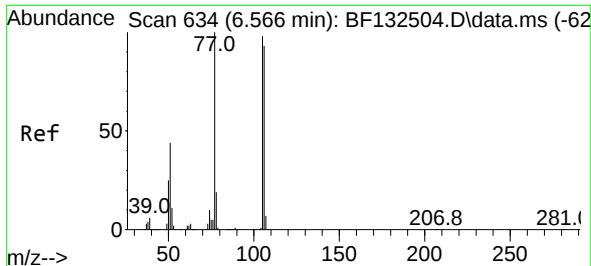
Tgt Ion: 99 Resp: 855508  
Ion Ratio Lower Upper  
99 100  
42 14.5 13.9 20.9  
71 30.9 28.5 42.7



#8  
2-Chlorophenol  
Concen: 47.432 ng  
RT: 6.787 min Scan# 714  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:128 Resp: 560948  
Ion Ratio Lower Upper  
128 100  
130 32.5 12.1 52.1  
64 48.1 32.0 72.0

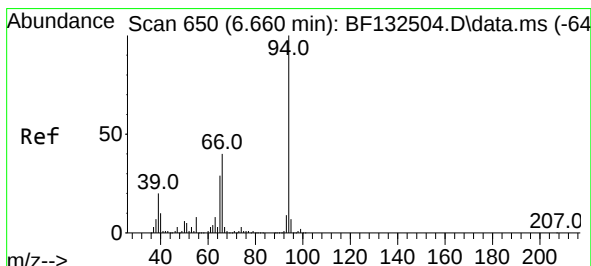
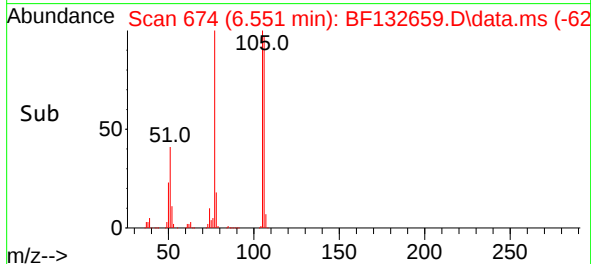
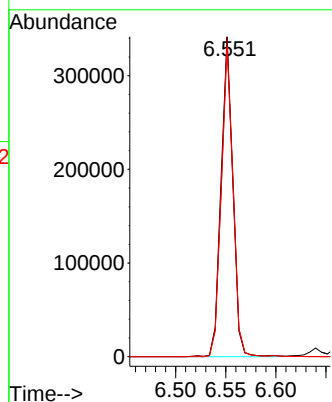
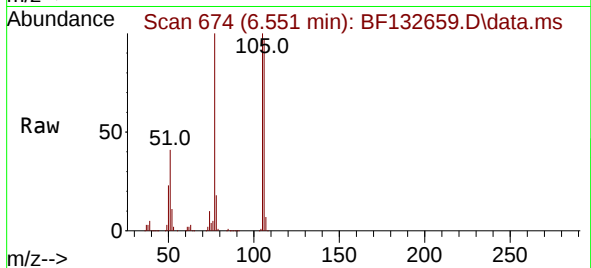




#9  
Benzaldehyde  
Concen: 34.582 ng  
RT: 6.551 min Scan# 61  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

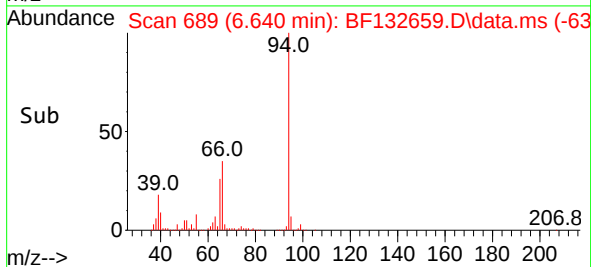
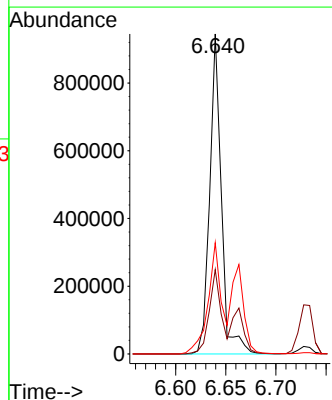
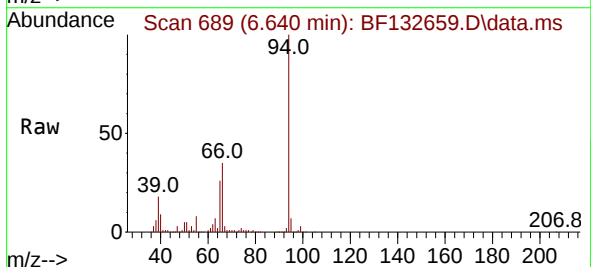
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

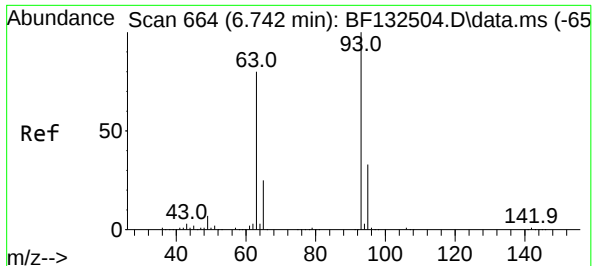
Tgt Ion: 77 Resp: 277507  
Ion Ratio Lower Upper  
77 100  
105 100.2 77.9 117.9  
106 97.0 73.4 113.4



#10  
Phenol  
Concen: 44.767 ng  
RT: 6.640 min Scan# 689  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion: 94 Resp: 763256  
Ion Ratio Lower Upper  
94 100  
65 26.4 9.4 49.4  
66 34.7 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 44.820 ng

RT: 6.734 min Scan# 705

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

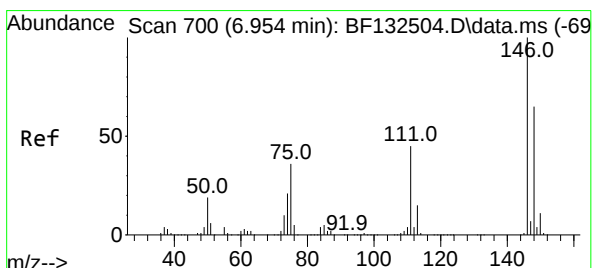
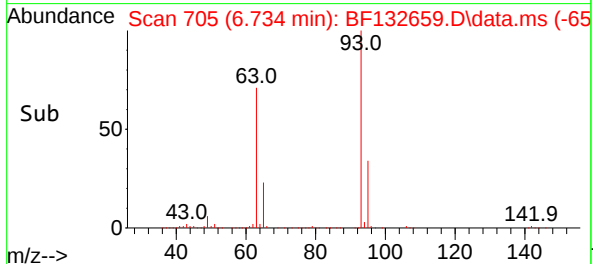
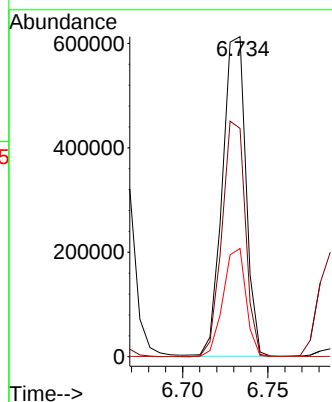
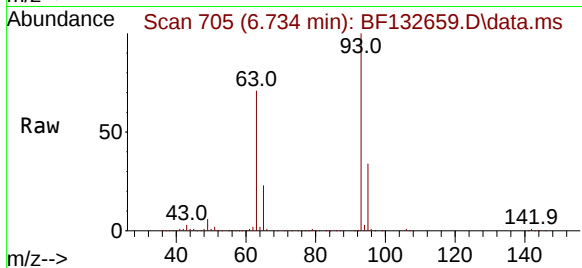
Tgt Ion: 93 Resp: 589917

Ion Ratio Lower Upper

93 100

63 71.3 59.6 99.6

95 33.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 46.968 ng

RT: 6.940 min Scan# 740

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

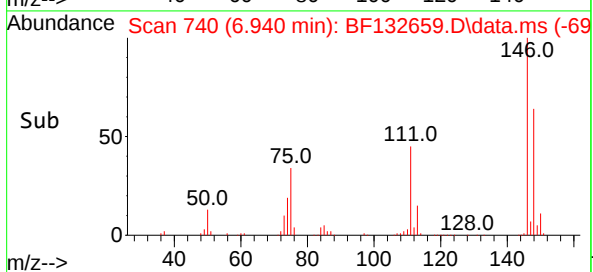
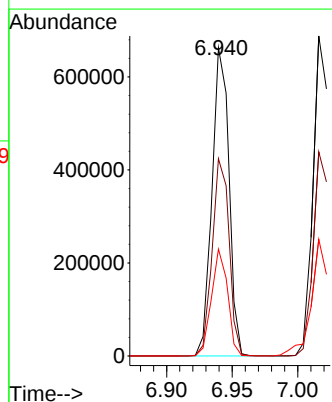
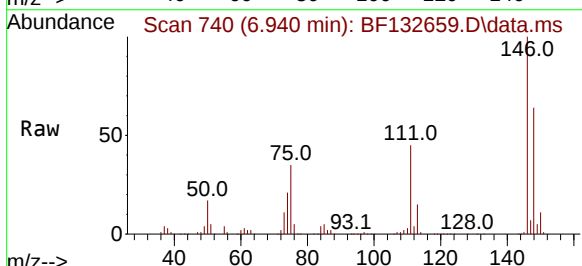
Tgt Ion:146 Resp: 596087

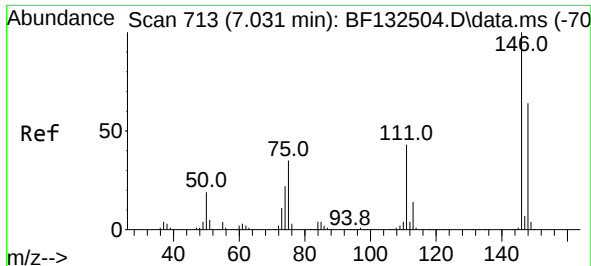
Ion Ratio Lower Upper

146 100

148 64.0 51.9 77.9

75 34.7 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 46.125 ng

RT: 7.016 min Scan# 713

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

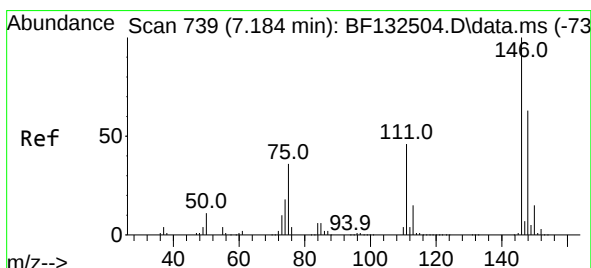
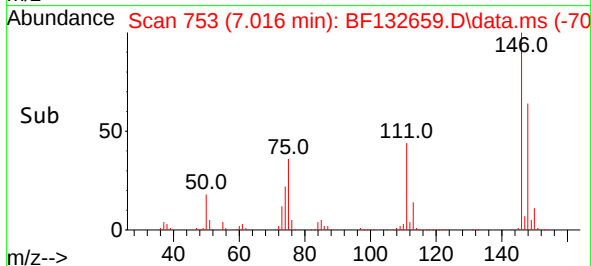
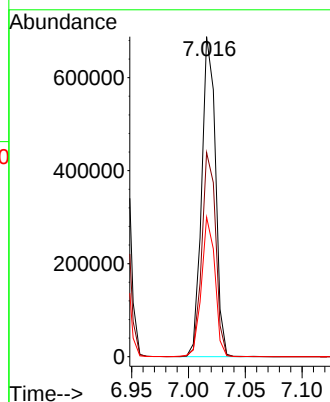
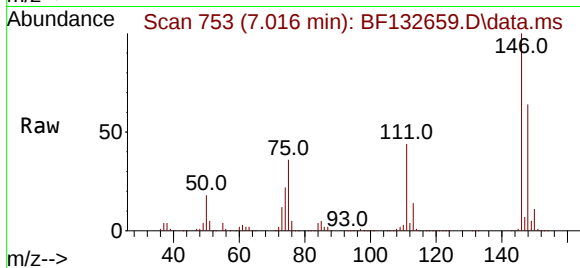
Tgt Ion:146 Resp: 584514

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

111 43.6 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 47.245 ng

RT: 7.169 min Scan# 779

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

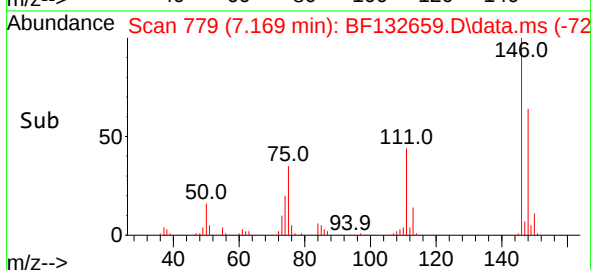
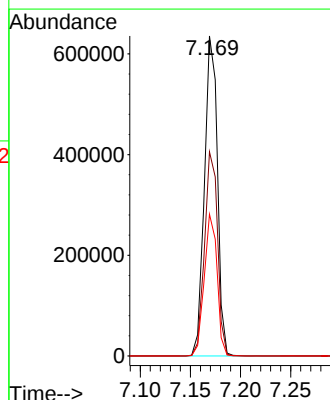
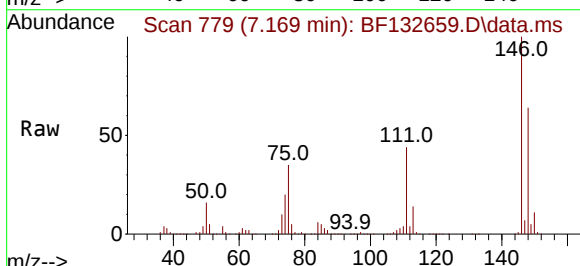
Tgt Ion:146 Resp: 574590

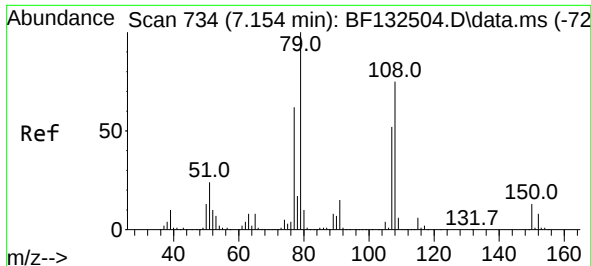
Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

111 44.3 37.2 55.8

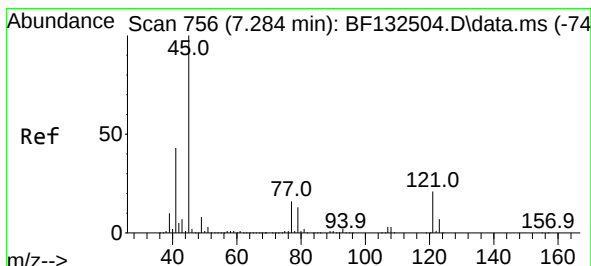
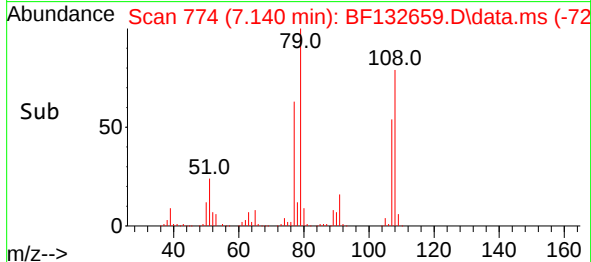
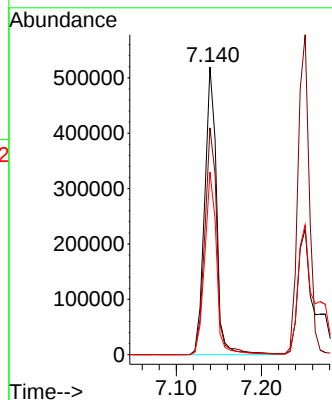
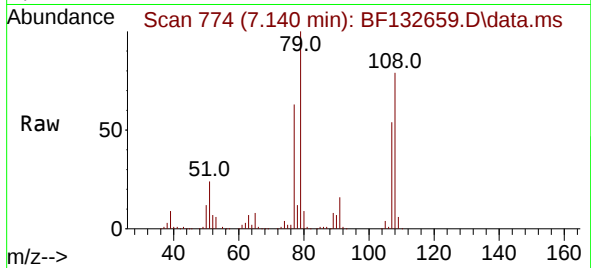




#15  
Benzyl Alcohol  
Concen: 43.797 ng  
RT: 7.140 min Scan# 71  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

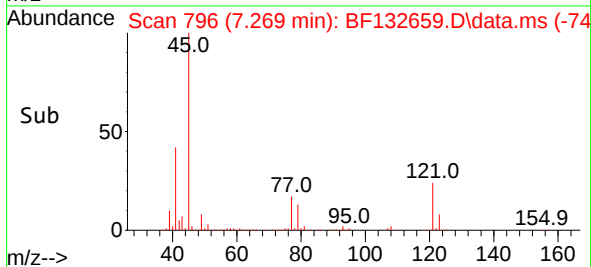
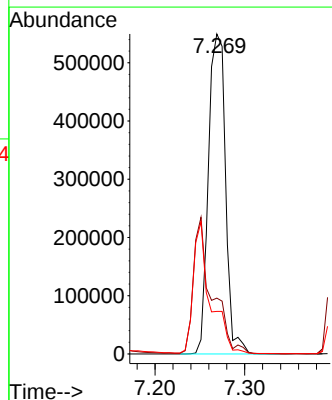
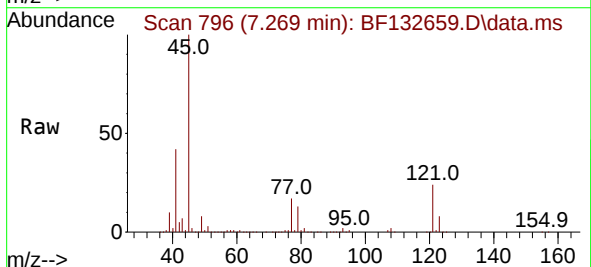
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

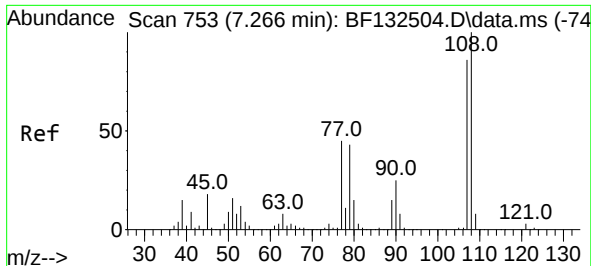
Tgt Ion: 79 Resp: 501611  
Ion Ratio Lower Upper  
79 100  
108 78.9 60.2 90.4  
77 63.5 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.360 ng  
RT: 7.269 min Scan# 796  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion: 45 Resp: 727770  
Ion Ratio Lower Upper  
45 100  
77 17.5 0.0 36.4  
79 13.3 0.0 33.4



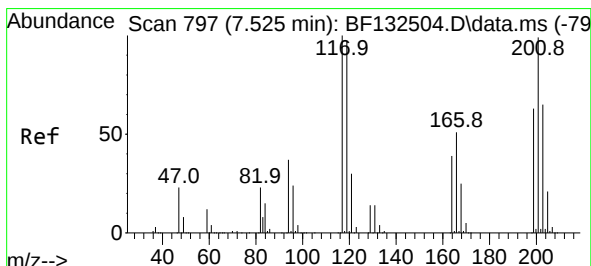
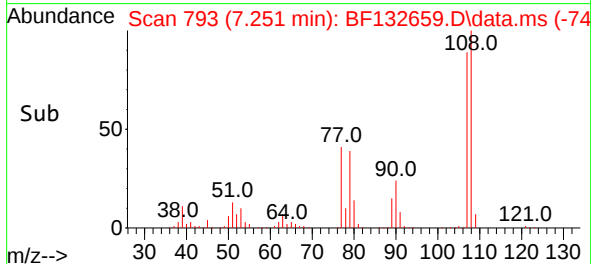
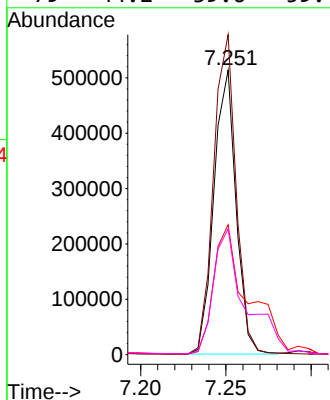
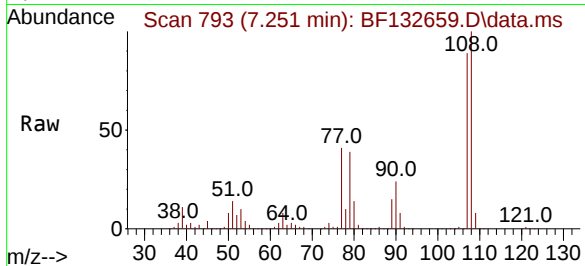


#17  
2-Methylphenol  
Concen: 42.047 ng  
RT: 7.251 min Scan# 793  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

Tgt Ion:107 Resp: 464086

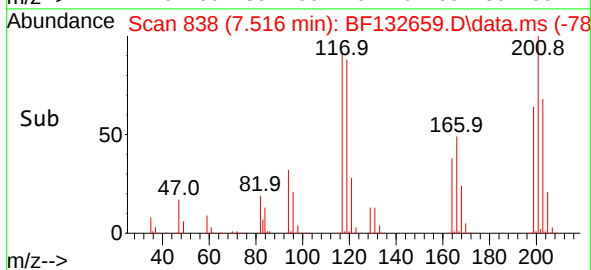
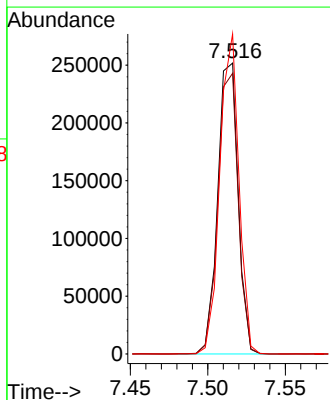
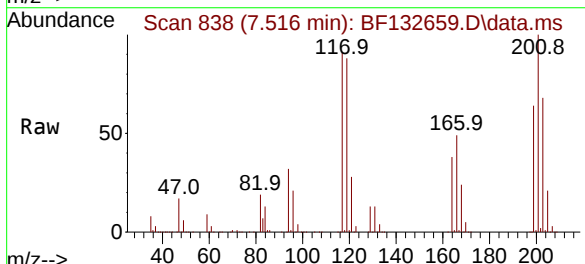
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 112.5 | 93.0  | 139.4 |
| 77  | 45.7  | 42.1  | 63.1  |
| 79  | 44.2  | 39.6  | 59.4  |

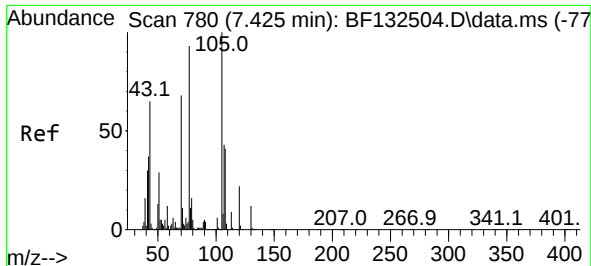


#18  
Hexachloroethane  
Concen: 46.784 ng  
RT: 7.516 min Scan# 838  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:117 Resp: 231623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.5  | 78.0  | 117.0 |
| 201 | 110.0 | 79.0  | 118.4 |

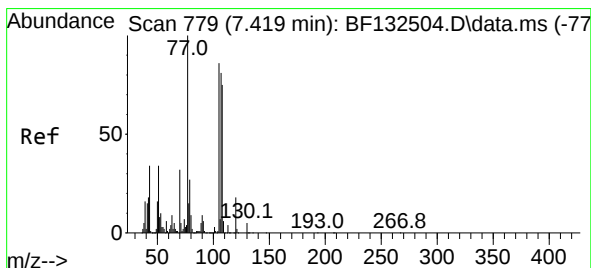
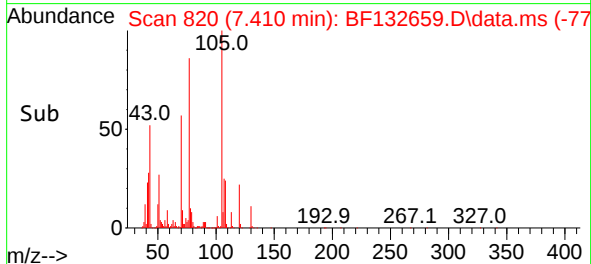
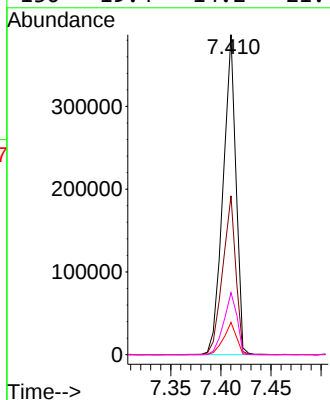
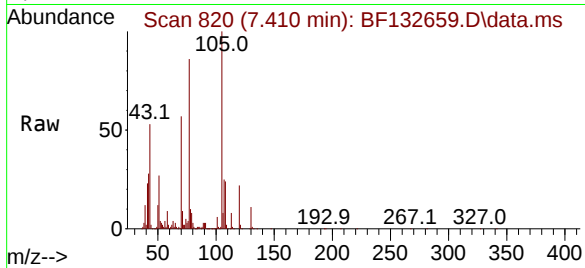




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.805 ng  
RT: 7.410 min Scan# 819  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

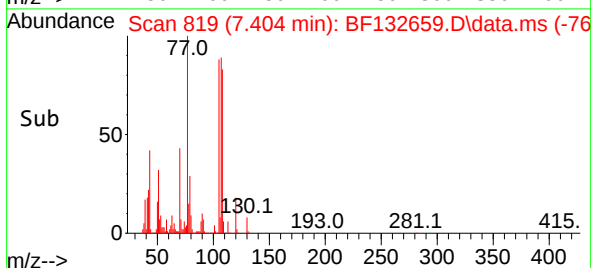
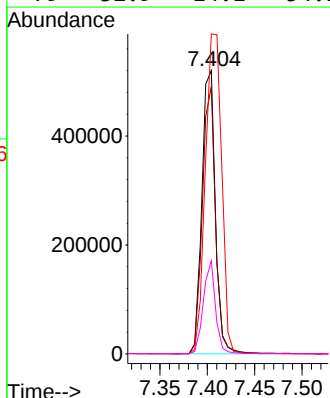
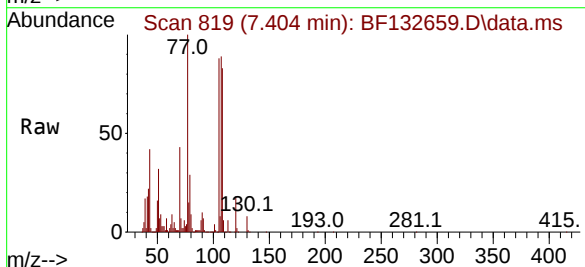
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

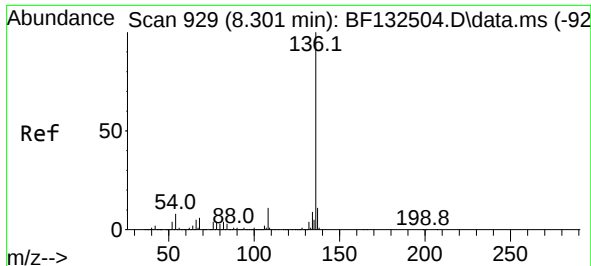
Tgt Ion: 70 Resp: 346009  
Ion Ratio Lower Upper  
70 100  
42 49.6 44.1 66.1  
101 10.1 7.4 11.2  
130 19.4 14.2 21.4



#20  
3+4-Methylphenols  
Concen: 36.259 ng  
RT: 7.404 min Scan# 819  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion: 107 Resp: 517042  
Ion Ratio Lower Upper  
107 100  
108 94.2 72.6 112.6  
77 112.9 104.0 144.0  
79 32.9 14.1 54.1

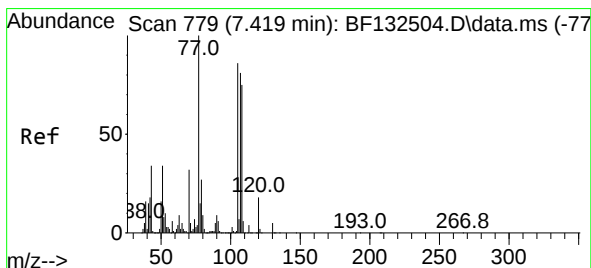
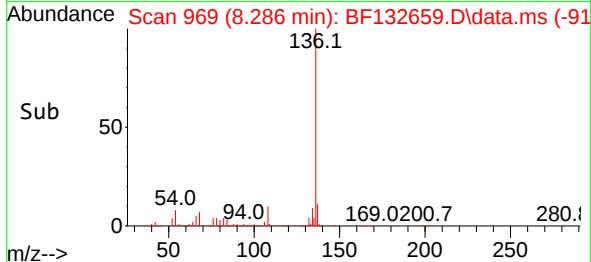
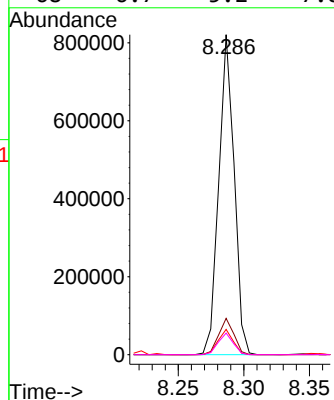
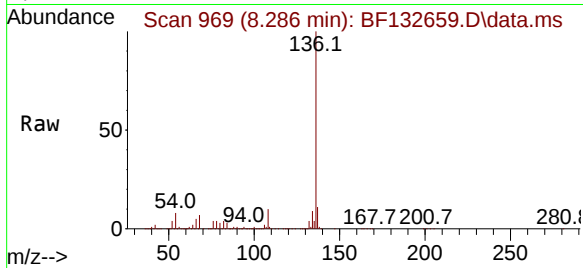




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.286 min Scan# 91  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

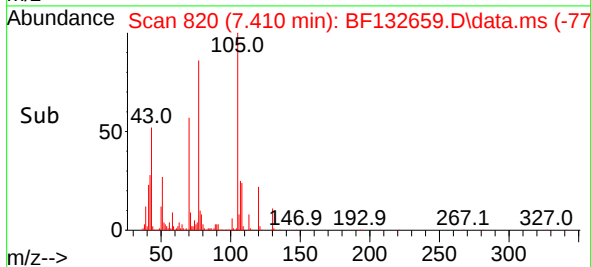
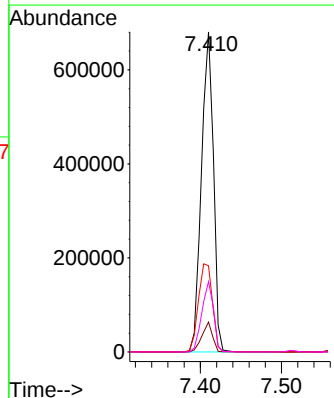
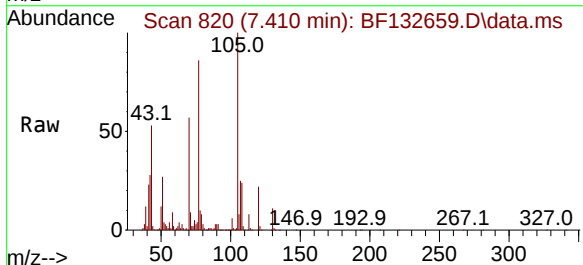
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

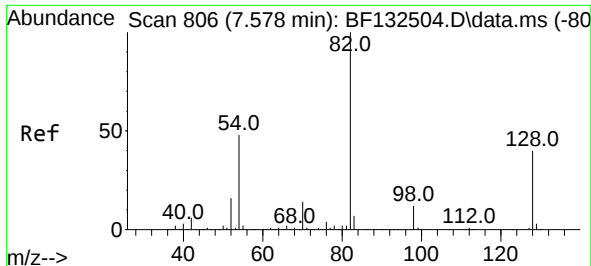
Tgt Ion:136 Resp: 668249  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.9 13.3  
54 7.9 6.2 9.4  
68 6.7 5.2 7.8



#22  
Acetophenone  
Concen: 41.457 ng  
RT: 7.410 min Scan# 820  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:105 Resp: 698555  
Ion Ratio Lower Upper  
105 100  
71 9.3 5.0 7.4#  
51 26.9 31.5 47.3#  
120 22.0 17.0 25.4

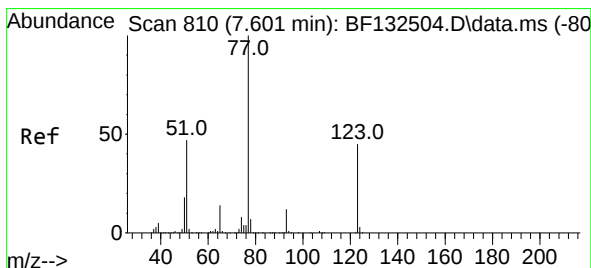
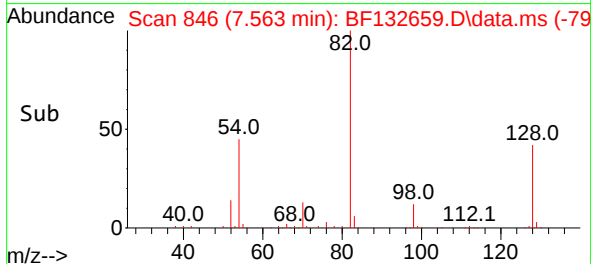
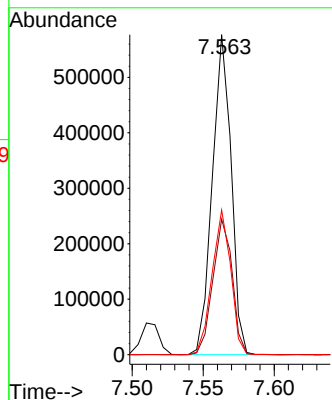
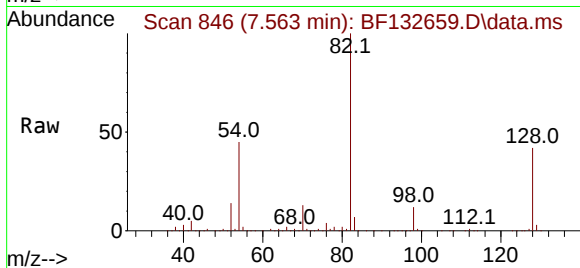




#23  
Nitrobenzene-d5  
Concen: 37.797 ng  
RT: 7.563 min Scan# 84  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

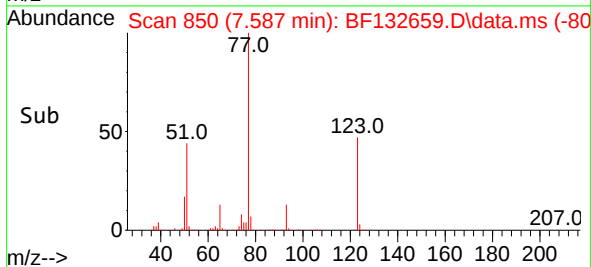
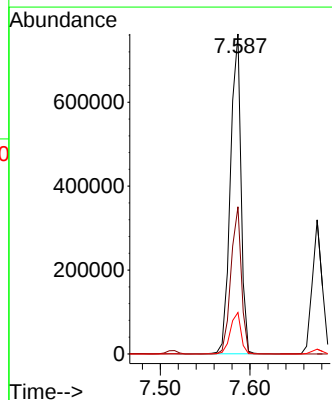
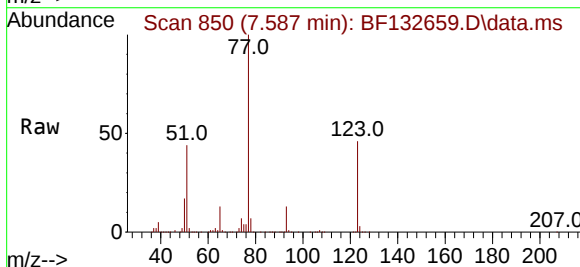
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

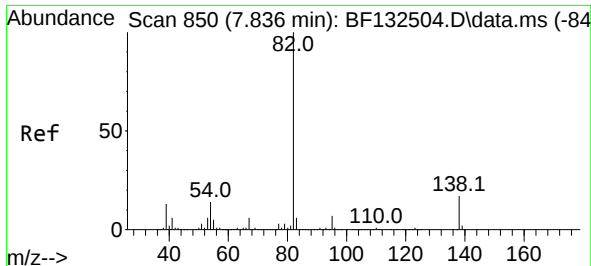
Tgt Ion: 82 Resp: 532365  
Ion Ratio Lower Upper  
82 100  
128 42.3 32.2 48.2  
54 45.2 38.4 57.6



#24  
Nitrobenzene  
Concen: 41.472 ng  
RT: 7.587 min Scan# 850  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion: 77 Resp: 624724  
Ion Ratio Lower Upper  
77 100  
123 46.0 35.8 53.6  
65 13.0 10.9 16.3

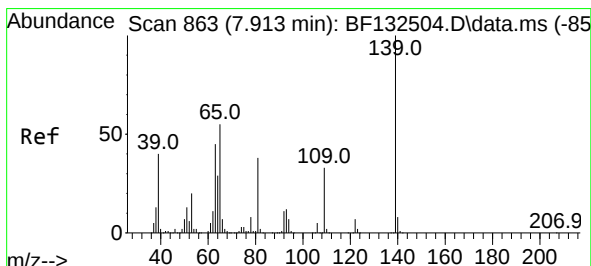
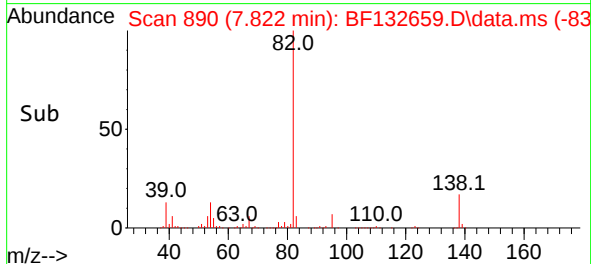
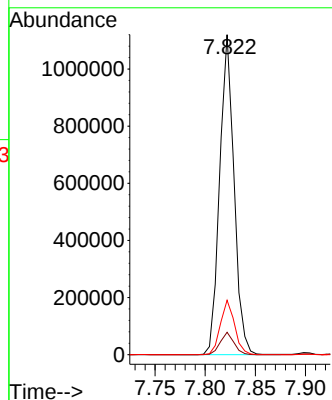
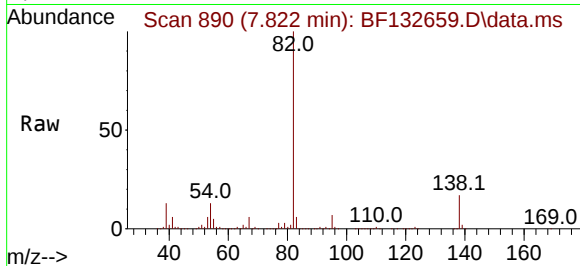




#25  
Isophorone  
Concen: 41.373 ng  
RT: 7.822 min Scan# 890  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

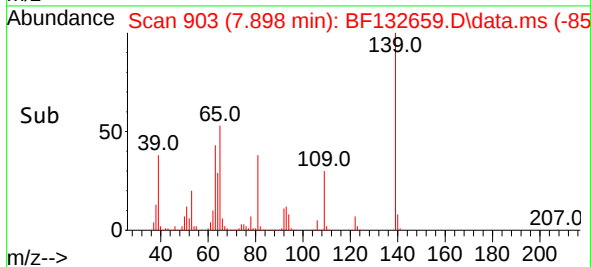
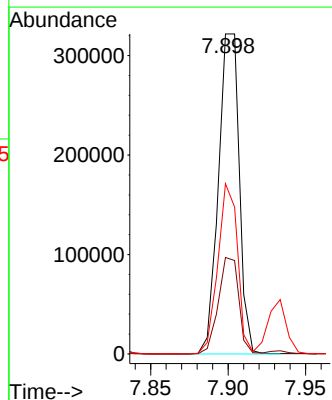
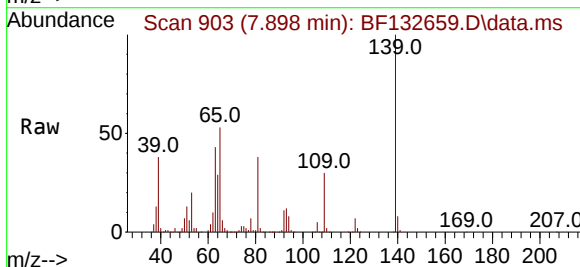
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

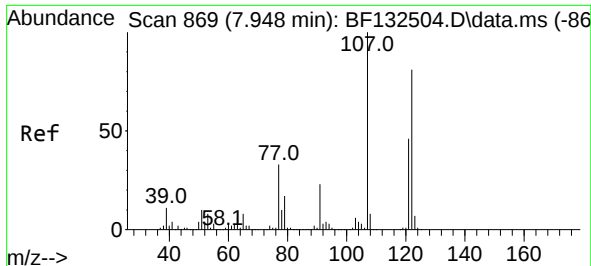
Tgt Ion: 82 Resp: 1117240  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.7 8.5  
138 17.0 13.3 19.9



#26  
2-Nitrophenol  
Concen: 45.416 ng  
RT: 7.898 min Scan# 903  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:139 Resp: 301852  
Ion Ratio Lower Upper  
139 100  
109 30.1 26.2 39.2  
65 53.2 43.8 65.8

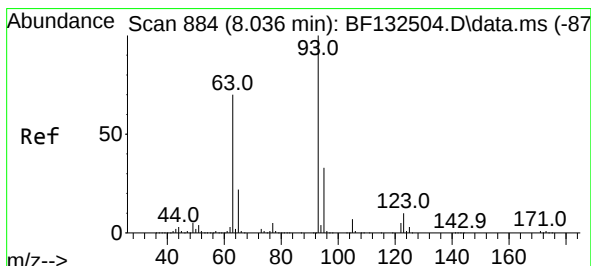
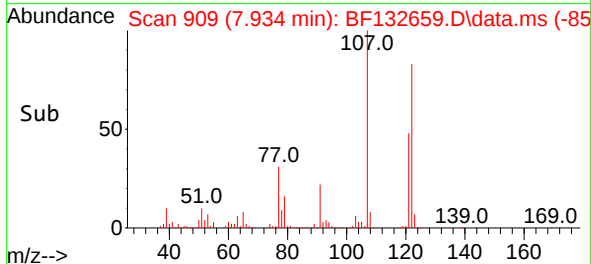
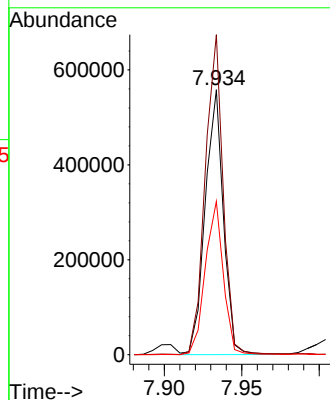
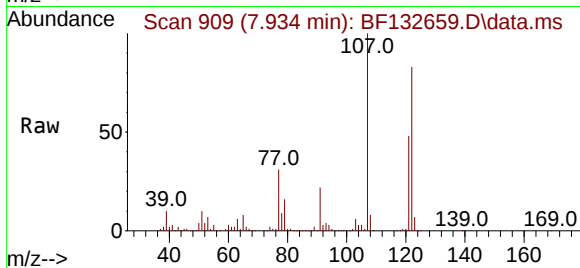




#27  
2,4-Dimethylphenol  
Concen: 43.443 ng  
RT: 7.934 min Scan# 90  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

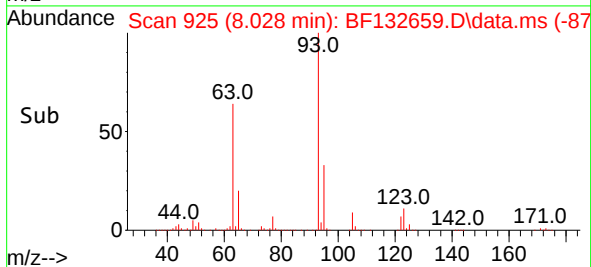
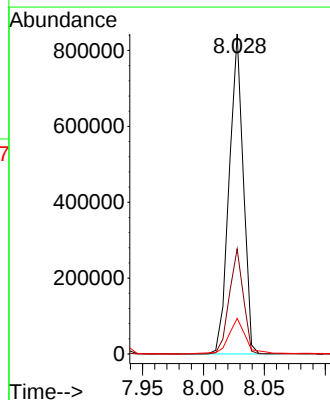
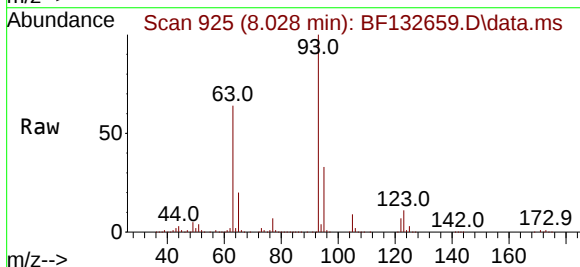
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

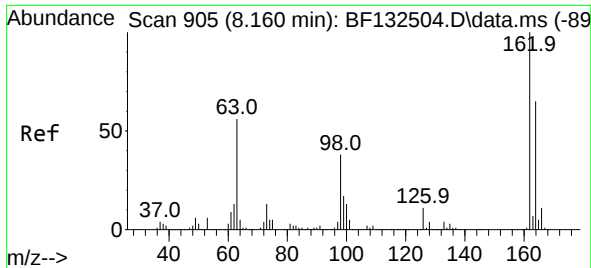
Tgt Ion:122 Resp: 455713  
Ion Ratio Lower Upper  
122 100  
107 120.8 98.7 148.1  
121 57.9 45.8 68.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.161 ng  
RT: 8.028 min Scan# 925  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

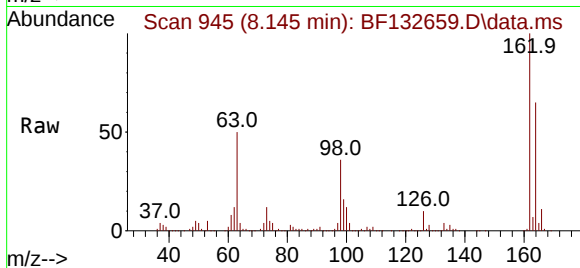
Tgt Ion: 93 Resp: 681809  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.3 39.5  
123 11.1 8.3 12.5



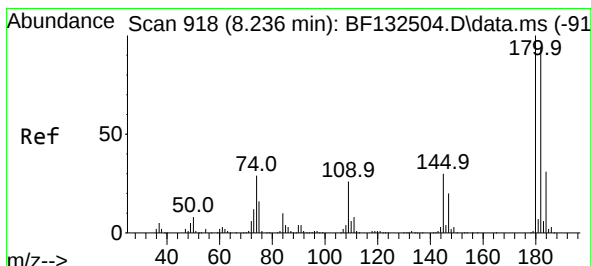
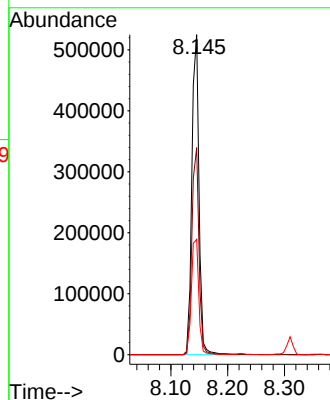
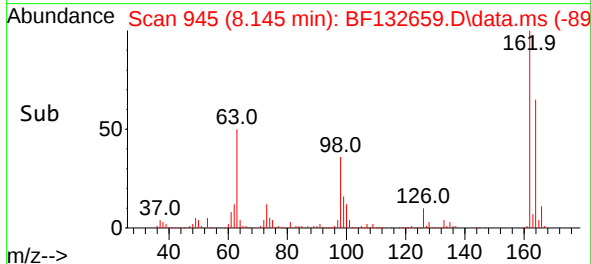


#29  
2,4-Dichlorophenol  
Concen: 43.764 ng  
RT: 8.145 min Scan# 945  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

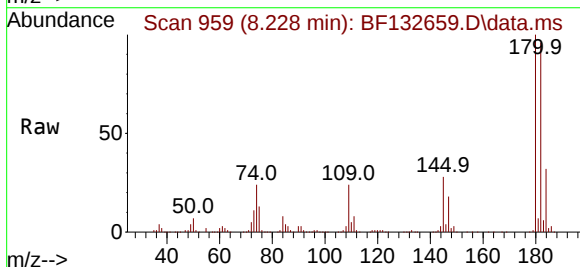
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD



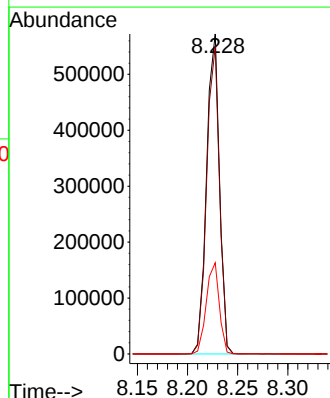
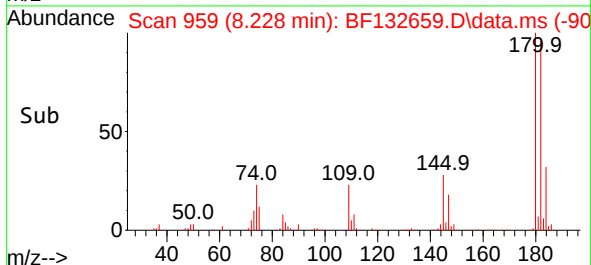
Tgt Ion:162 Resp: 456661  
Ion Ratio Lower Upper  
162 100  
164 64.7 45.3 85.3  
98 36.0 17.9 57.9

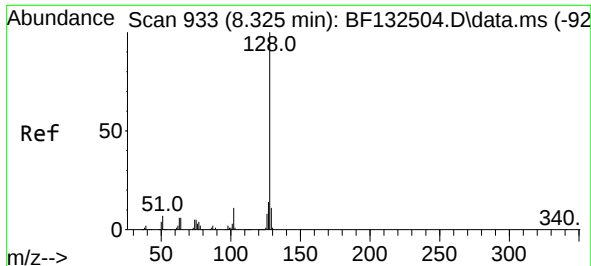


#30  
1,2,4-Trichlorobenzene  
Concen: 45.335 ng  
RT: 8.228 min Scan# 959  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45



Tgt Ion:180 Resp: 513676  
Ion Ratio Lower Upper  
180 100  
182 96.1 75.1 112.7  
145 28.5 23.8 35.6

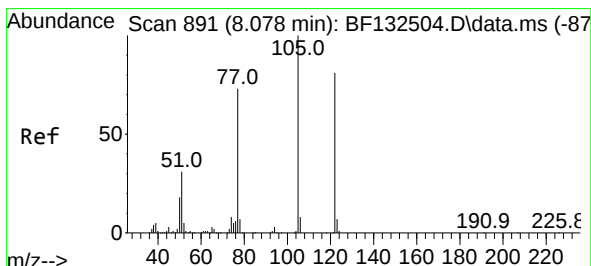
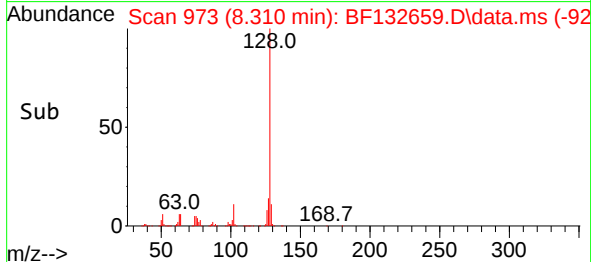
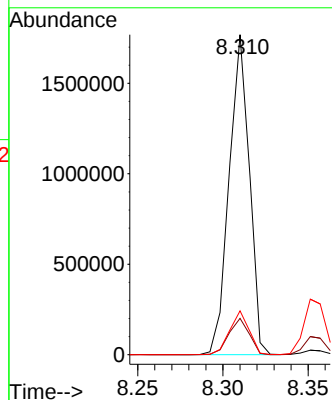
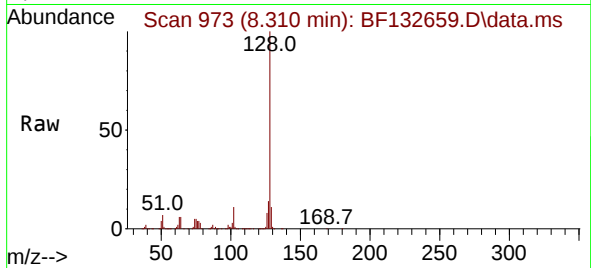




#31  
Naphthalene  
Concen: 42.598 ng  
RT: 8.310 min Scan# 91  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

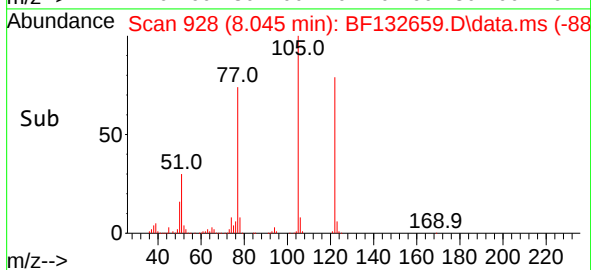
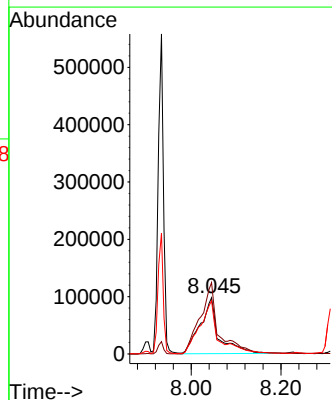
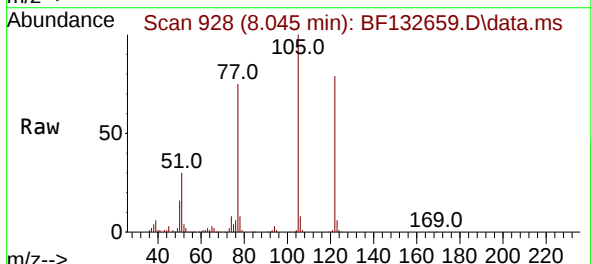
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

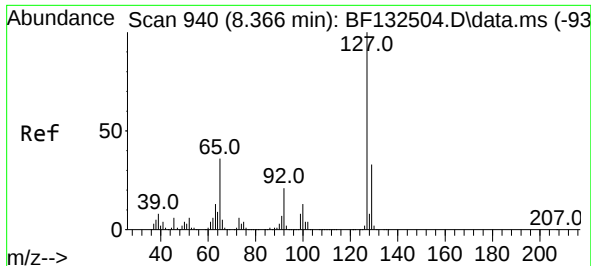
Tgt Ion:128 Resp: 1457290  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.1 13.7  
127 13.7 11.0 16.6



#32  
Benzoic acid  
Concen: 35.287 ng  
RT: 8.045 min Scan# 928  
Delta R.T. -0.021 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:122 Resp: 282560  
Ion Ratio Lower Upper  
122 100  
105 127.3 102.6 142.6  
77 94.9 70.2 110.2

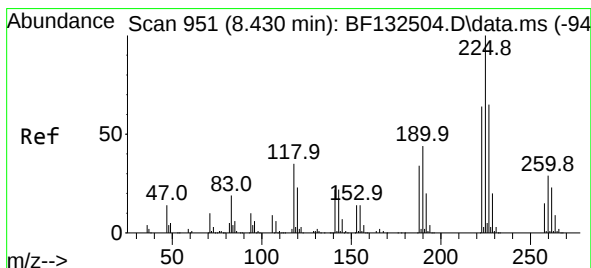
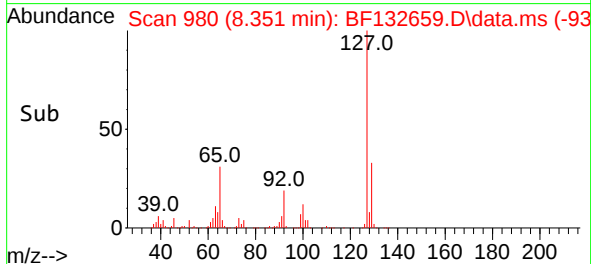
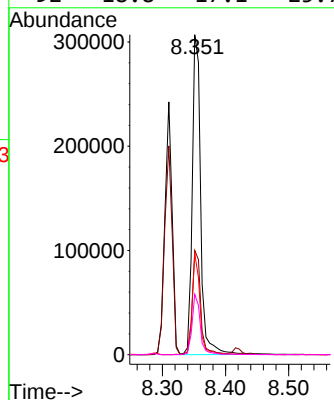
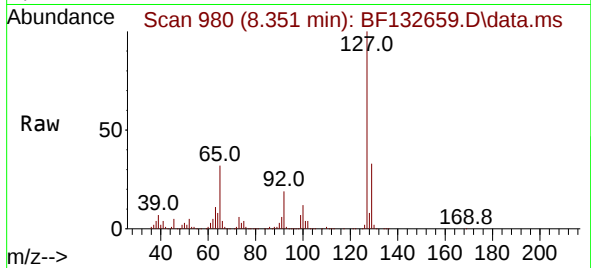




#33  
4-Chloroaniline  
Concen: 19.620 ng  
RT: 8.351 min Scan# 911  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

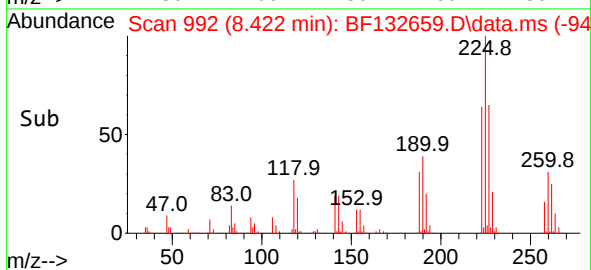
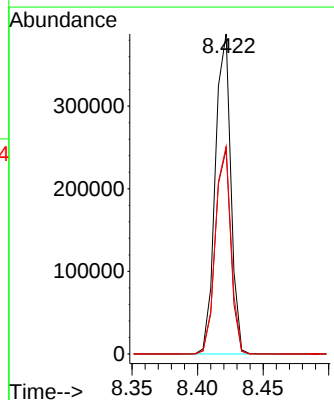
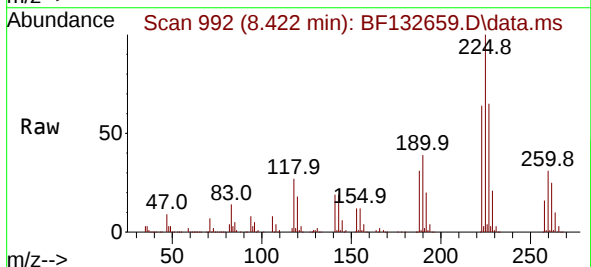
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

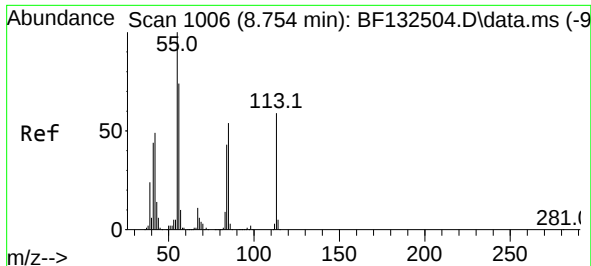
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 287618 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.5    | 26.4 39.6    |
| 65 31.6     | 28.8 43.2    |
| 92 18.8     | 17.1 25.7    |



#34  
Hexachlorobutadiene  
Concen: 44.326 ng  
RT: 8.422 min Scan# 992  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:225 | Resp: 319148 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 225 100     |              |       |  |
| 223 63.9    | 51.0         | 76.4  |  |
| 227 64.8    | 51.7         | 77.5  |  |

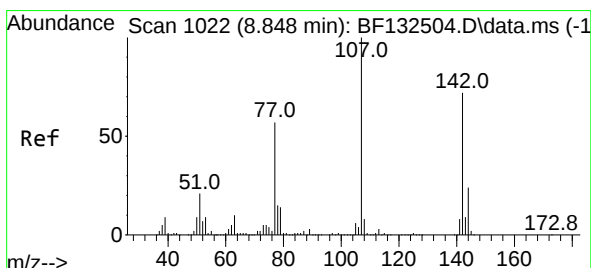
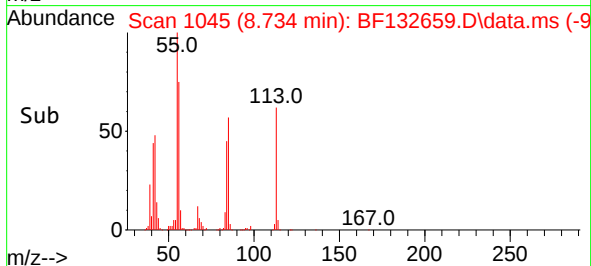
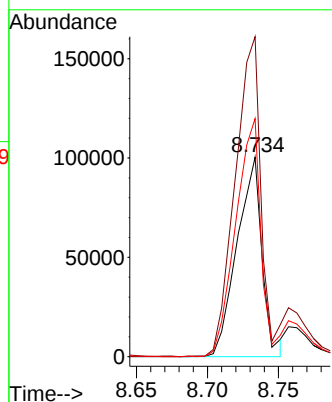
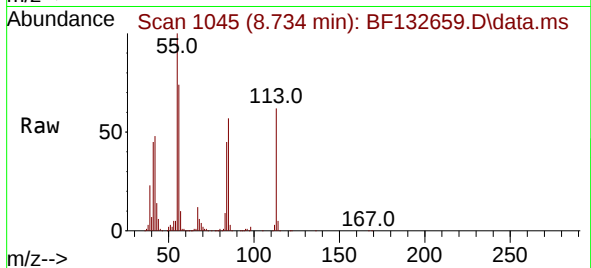




#35  
Caprolactam  
Concen: 35.699 ng  
RT: 8.734 min Scan# 1045  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

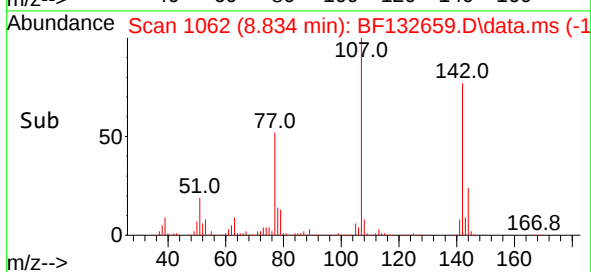
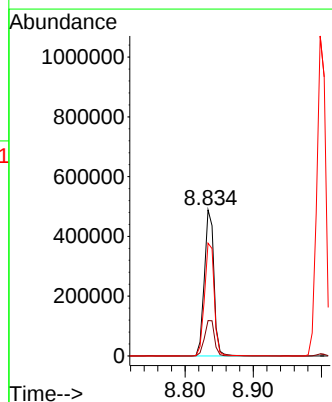
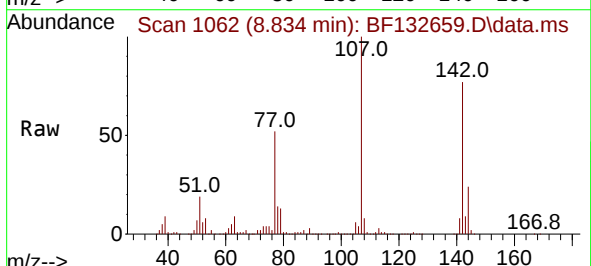
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

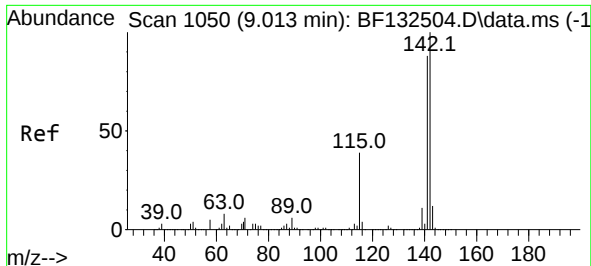
Tgt Ion:113 Resp: 122807  
Ion Ratio Lower Upper  
113 100  
55 160.4 149.4 189.4  
56 119.3 105.0 145.0



#36  
4-Chloro-3-methylphenol  
Concen: 41.583 ng  
RT: 8.834 min Scan# 1062  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:107 Resp: 476517  
Ion Ratio Lower Upper  
107 100  
144 24.2 18.9 28.3  
142 77.2 57.9 86.9





#37

2-Methylnaphthalene

Concen: 41.499 ng

RT: 8.998 min Scan# 1107

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA\_F

ClientSampleId :

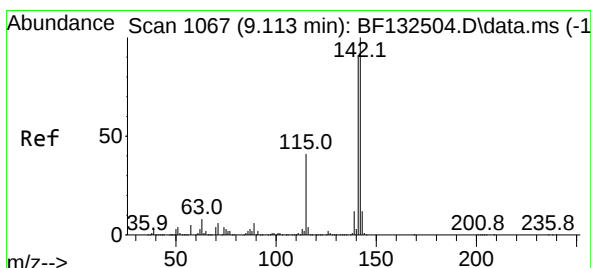
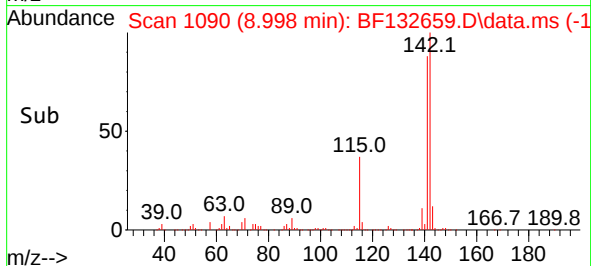
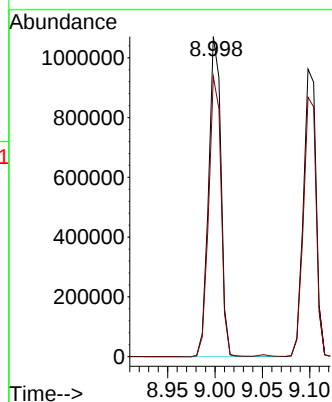
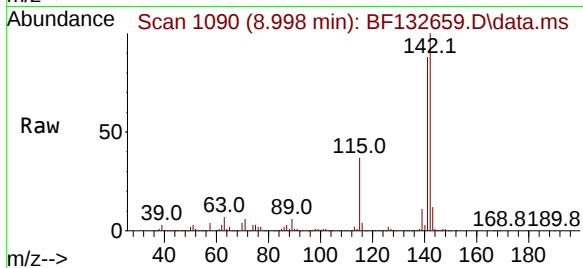
COMP-1MSD

Tgt Ion:142 Resp: 967510

Ion Ratio Lower Upper

142 100

141 87.5 70.2 105.2



#38

1-Methylnaphthalene

Concen: 41.228 ng

RT: 9.098 min Scan# 1107

Delta R.T. -0.009 min

Lab File: BF132659.D

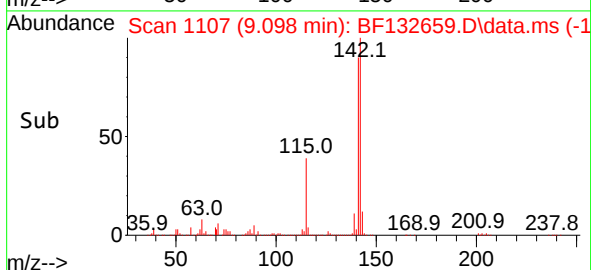
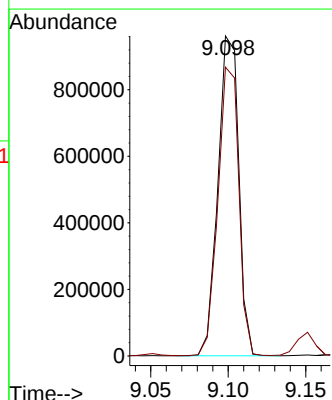
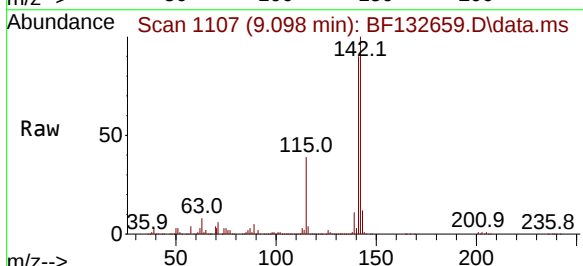
Acq: 06 Mar 2023 20:45

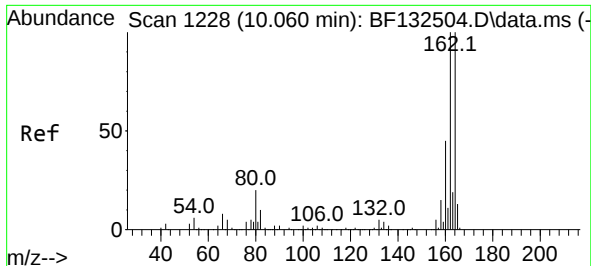
Tgt Ion:142 Resp: 898261

Ion Ratio Lower Upper

142 100

141 90.2 73.0 109.6

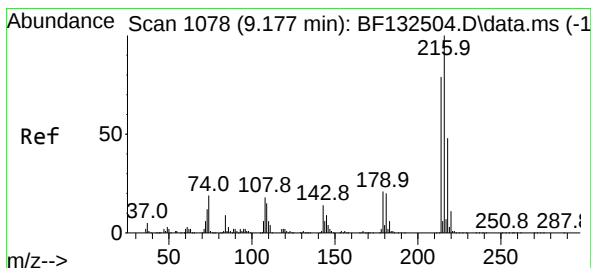
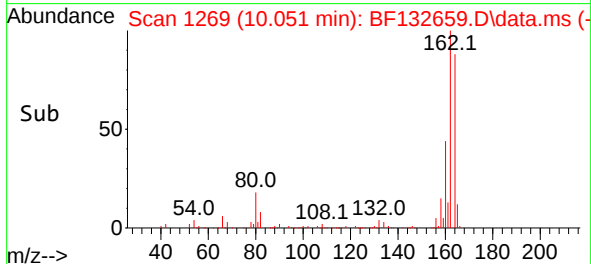
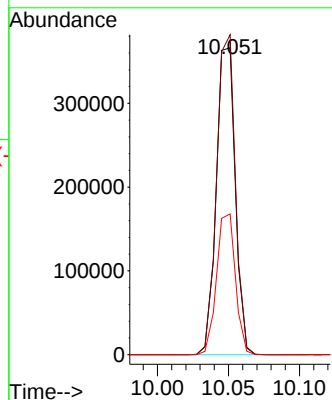
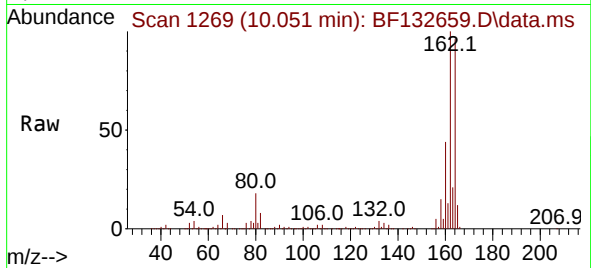




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.051 min Scan# 1119  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

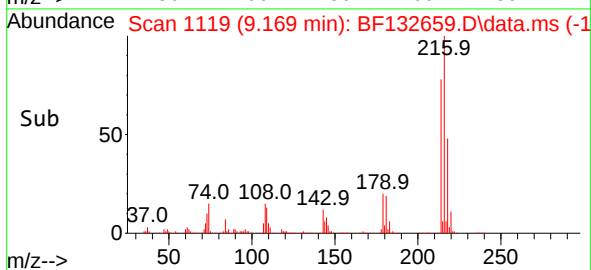
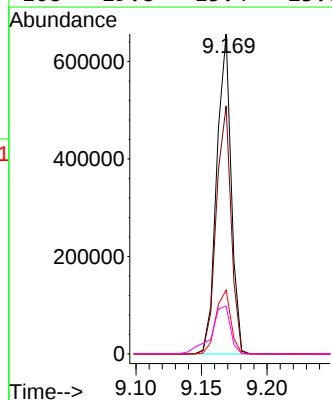
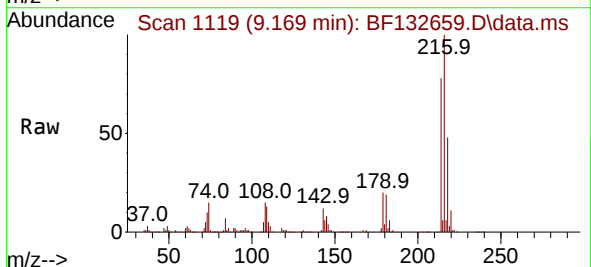
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

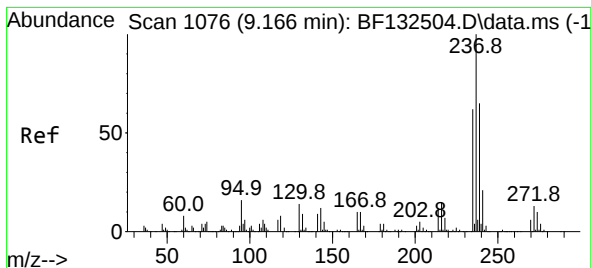
Tgt Ion:164 Resp: 340772  
Ion Ratio Lower Upper  
164 100  
162 104.3 79.8 119.8  
160 45.9 35.8 53.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.088 ng  
RT: 9.169 min Scan# 1119  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:216 Resp: 502692  
Ion Ratio Lower Upper  
216 100  
214 79.5 63.0 94.6  
179 20.5 16.6 24.8  
108 19.8 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 86.025 ng

RT: 9.151 min Scan# 1116

Delta R.T. -0.003 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

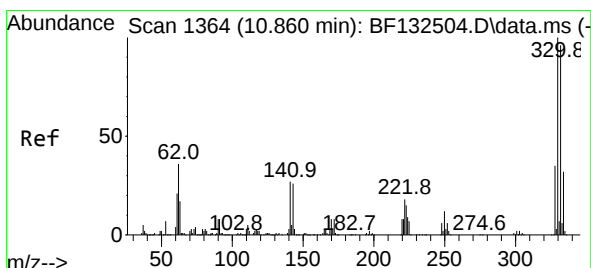
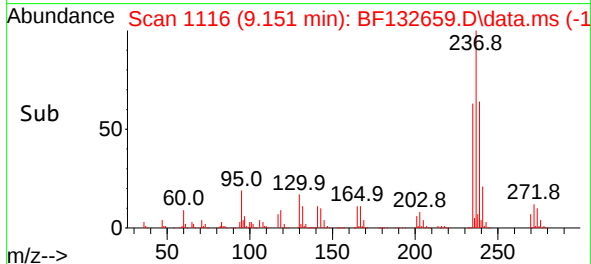
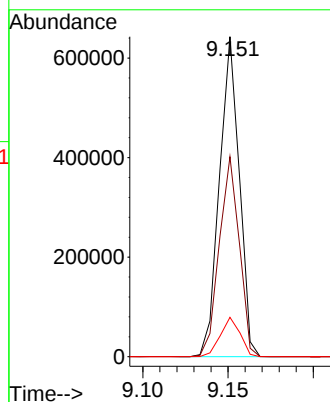
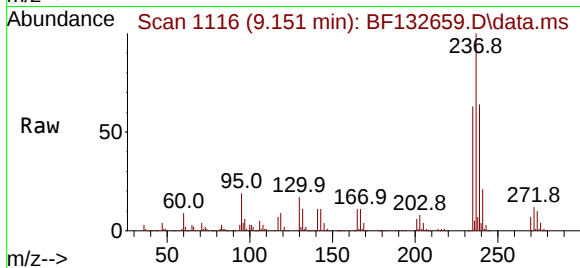
Tgt Ion:237 Resp: 520216

Ion Ratio Lower Upper

237 100

235 62.5 42.4 82.4

272 12.3 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 54.705 ng

RT: 10.839 min Scan# 1403

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

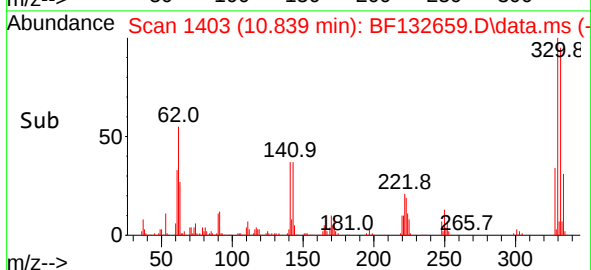
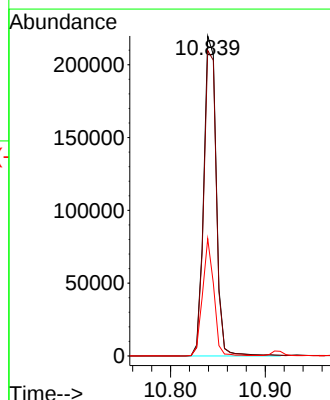
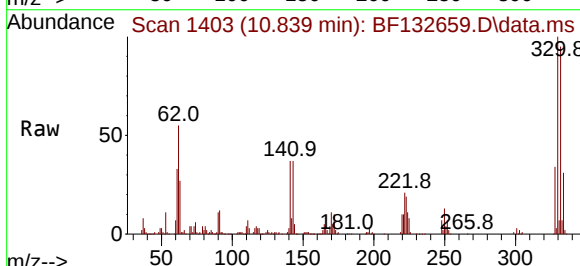
Tgt Ion:330 Resp: 201324

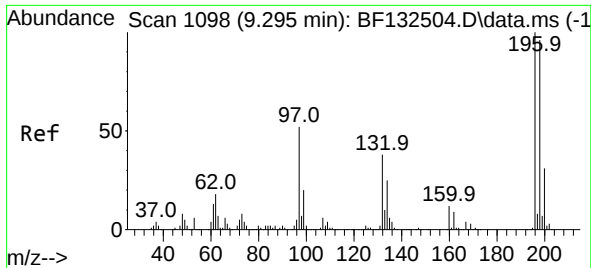
Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

141 33.1 28.4 42.6

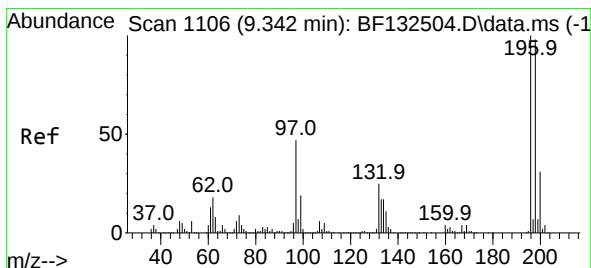
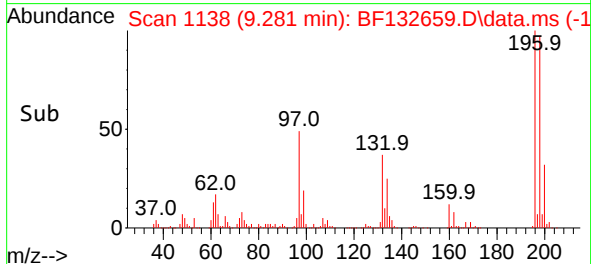
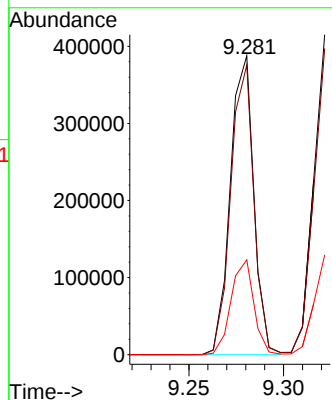
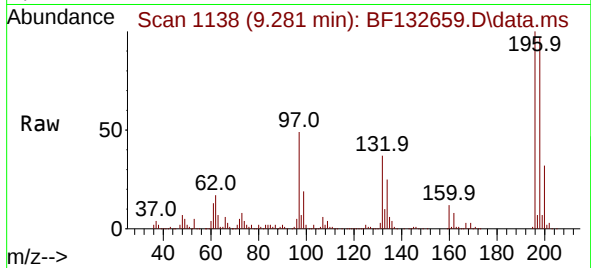




#43  
2,4,6-Trichlorophenol  
Concen: 44.181 ng  
RT: 9.281 min Scan# 1118  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

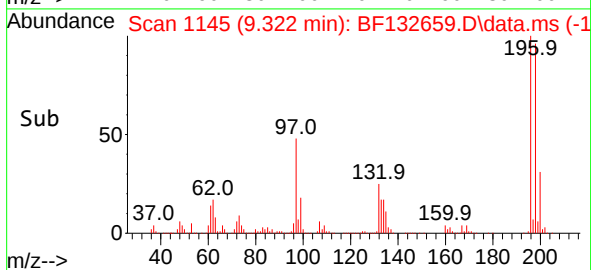
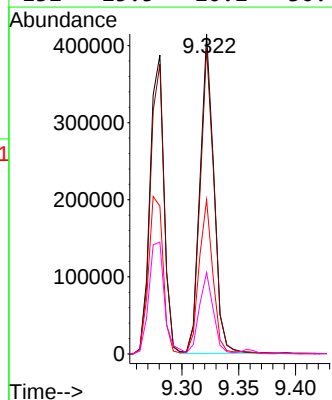
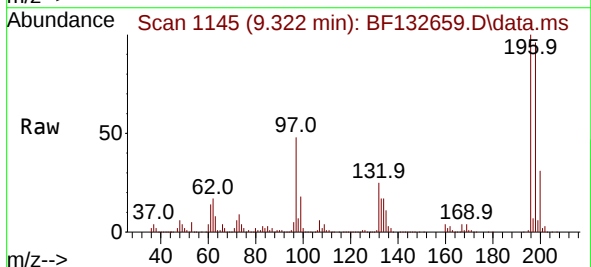
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

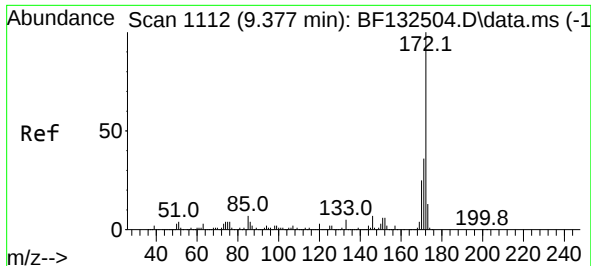
Tgt Ion:196 Resp: 333822  
Ion Ratio Lower Upper  
196 100  
198 96.9 77.1 115.7  
200 31.8 25.0 37.4



#44  
2,4,5-Trichlorophenol  
Concen: 39.953 ng  
RT: 9.322 min Scan# 1145  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:196 Resp: 352329  
Ion Ratio Lower Upper  
196 100  
198 95.7 78.3 117.5  
97 48.2 38.1 57.1  
132 25.5 20.2 30.4

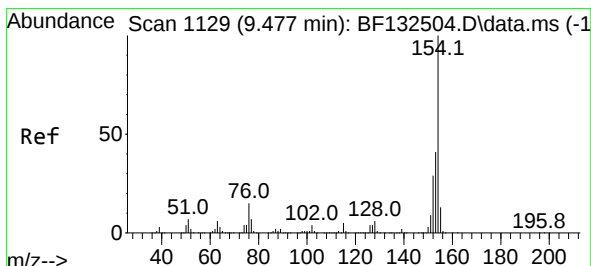
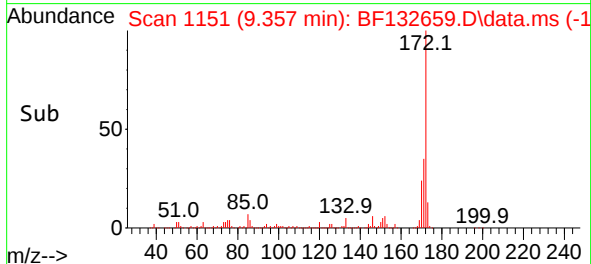
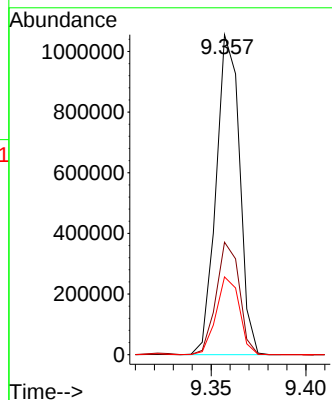
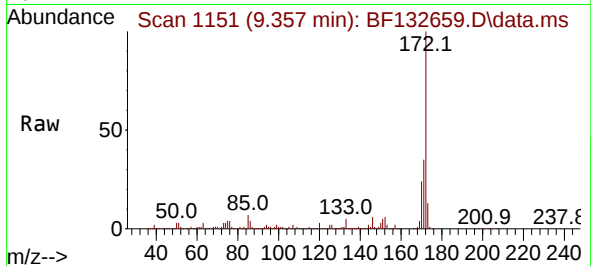




#45  
2-Fluorobiphenyl  
Concen: 40.707 ng  
RT: 9.357 min Scan# 1112  
Delta R.T. -0.015 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

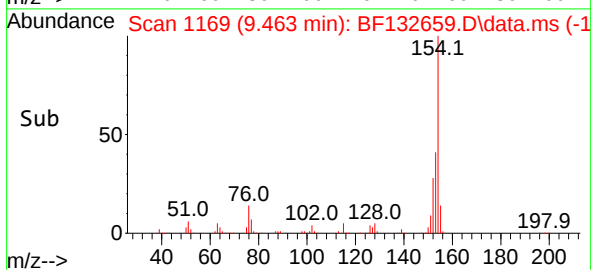
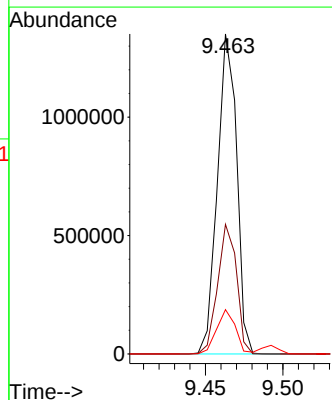
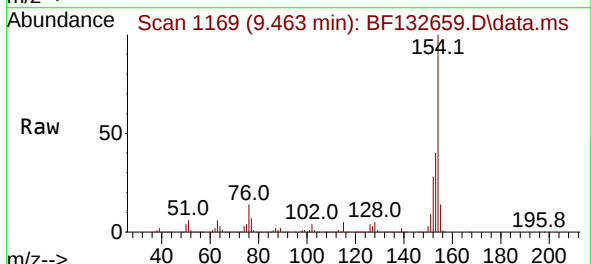
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

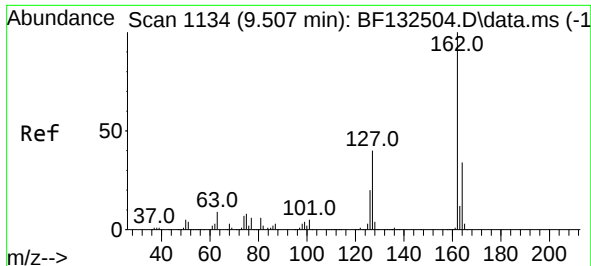
Tgt Ion:172 Resp: 911021  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.8 43.2  
170 24.3 19.7 29.5



#46  
1,1'-Biphenyl  
Concen: 45.302 ng  
RT: 9.463 min Scan# 1169  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:154 Resp: 1168454  
Ion Ratio Lower Upper  
154 100  
153 40.5 20.9 60.9  
76 13.9 0.0 34.7

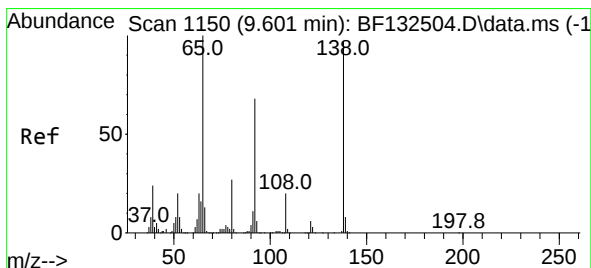
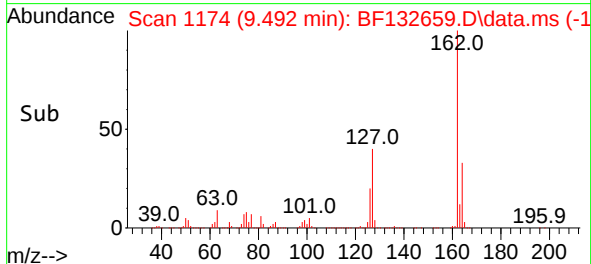
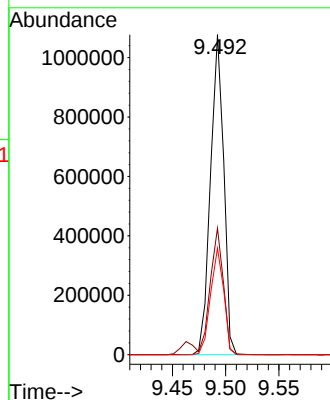
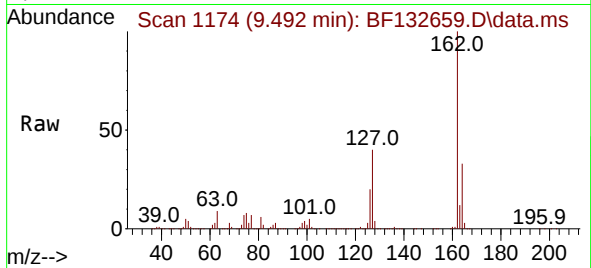




#47  
2-Chloronaphthalene  
Concen: 45.736 ng  
RT: 9.492 min Scan# 1174  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

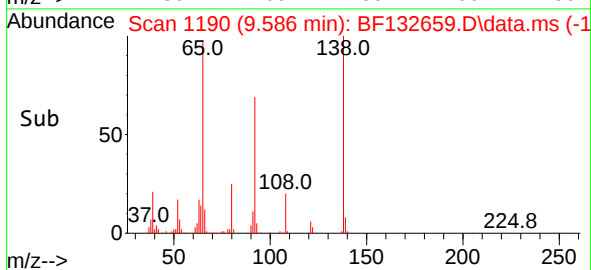
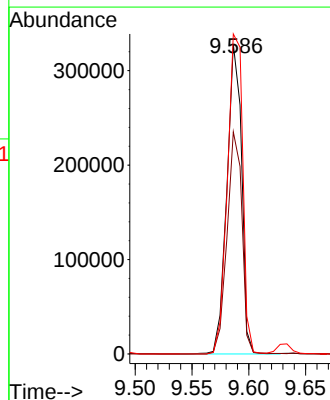
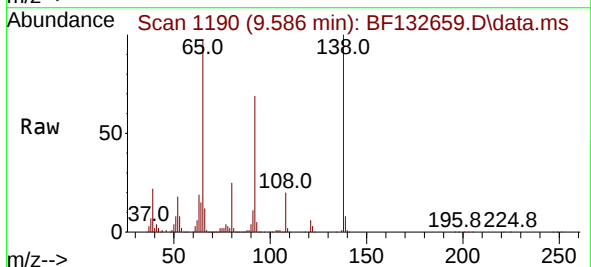
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

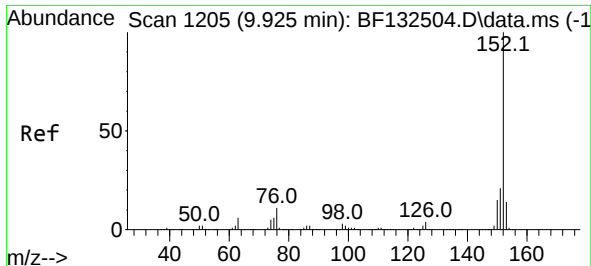
Tgt Ion:162 Resp: 935285  
Ion Ratio Lower Upper  
162 100  
127 39.5 32.3 48.5  
164 33.3 26.9 40.3



#48  
2-Nitroaniline  
Concen: 39.206 ng  
RT: 9.586 min Scan# 1190  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion: 65 Resp: 295281  
Ion Ratio Lower Upper  
65 100  
92 71.7 54.5 81.7  
138 103.2 77.2 115.8





#49

Acenaphthylene

Concen: 43.319 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

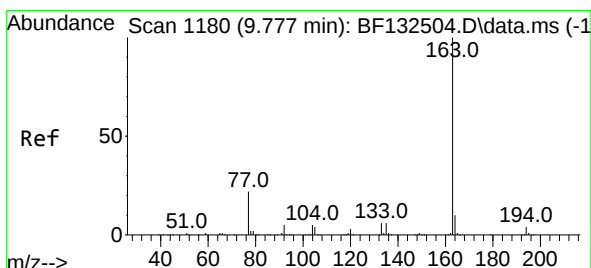
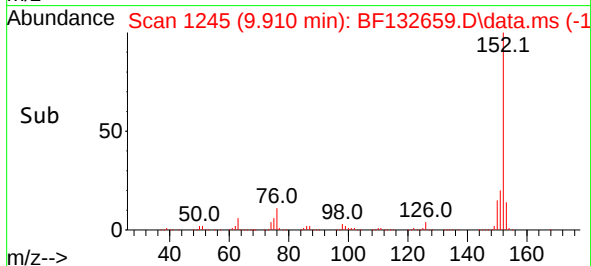
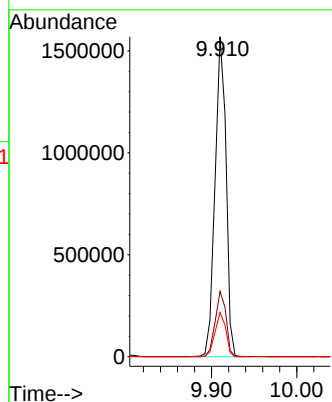
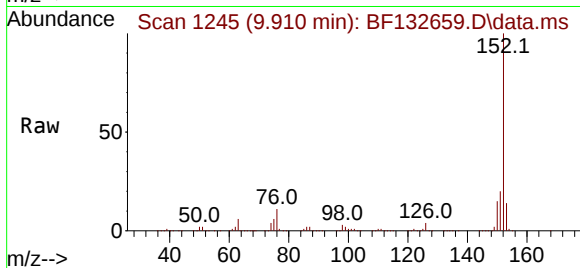
Tgt Ion:152 Resp: 1409830

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.8 11.0 16.6



#50

Dimethylphthalate

Concen: 42.183 ng

RT: 9.763 min Scan# 1220

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

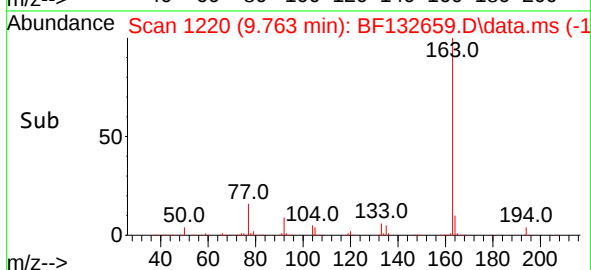
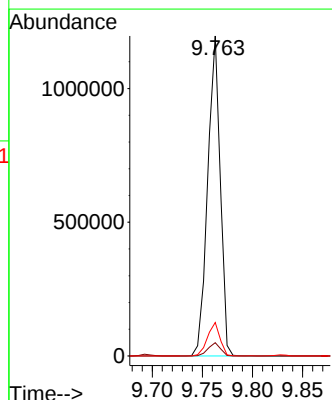
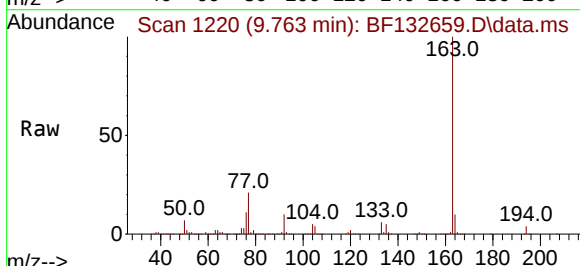
Tgt Ion:163 Resp: 1046674

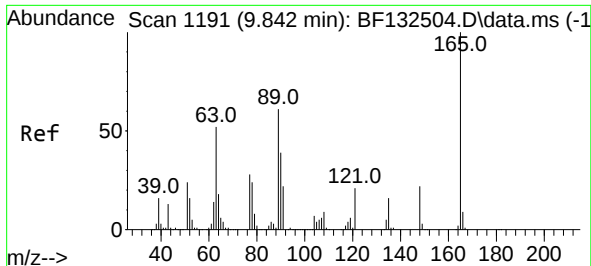
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.4 8.3 12.5

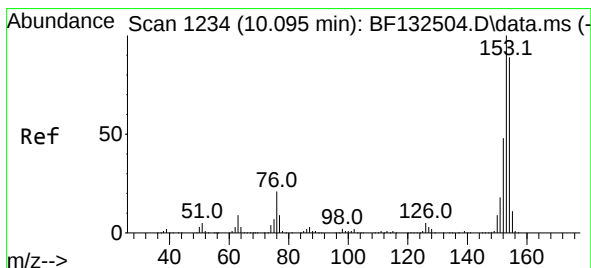
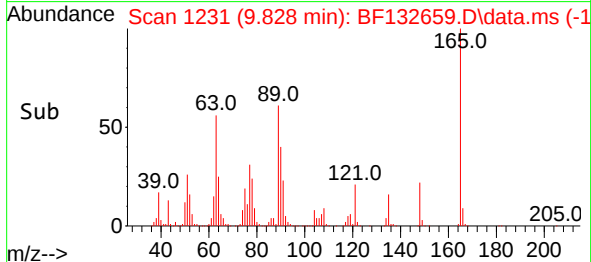
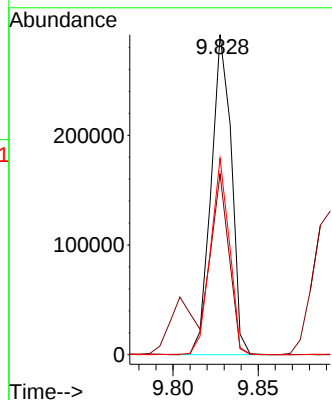
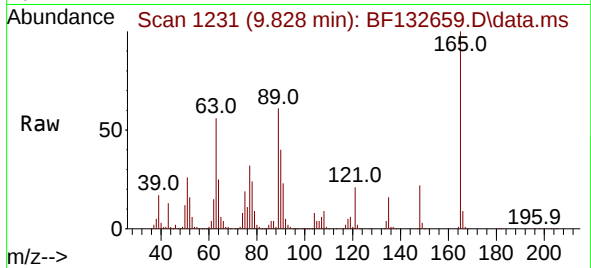




#51  
2,6-Dinitrotoluene  
Concen: 42.519 ng  
RT: 9.828 min Scan# 1191  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

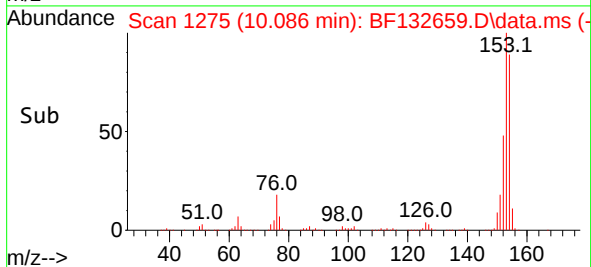
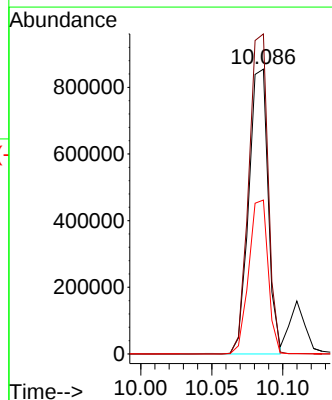
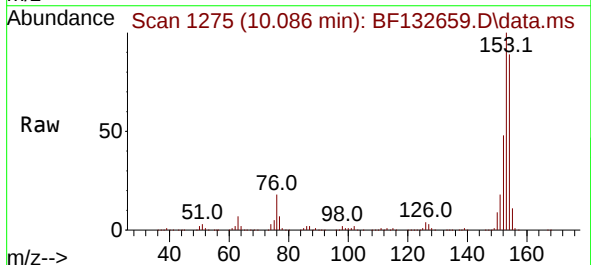
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

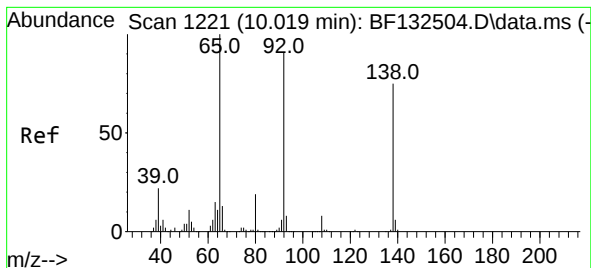
Tgt Ion:165 Resp: 240266  
Ion Ratio Lower Upper  
165 100  
63 56.5 47.3 70.9  
89 61.3 48.9 73.3



#52  
Acenaphthene  
Concen: 39.362 ng  
RT: 10.086 min Scan# 1275  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:154 Resp: 813464  
Ion Ratio Lower Upper  
154 100  
153 112.4 89.8 134.8  
152 54.1 43.3 64.9

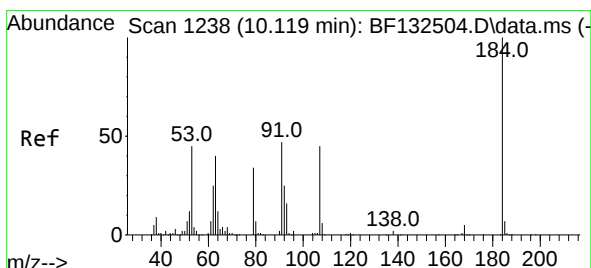
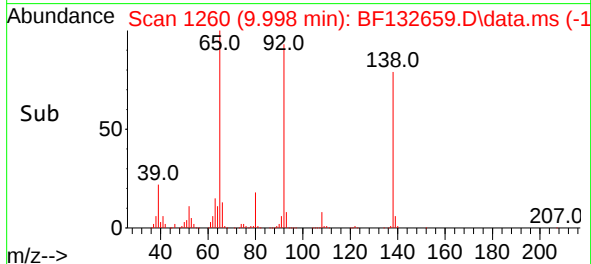
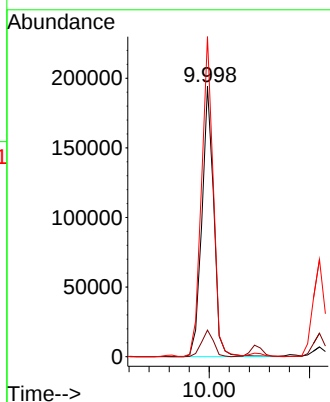
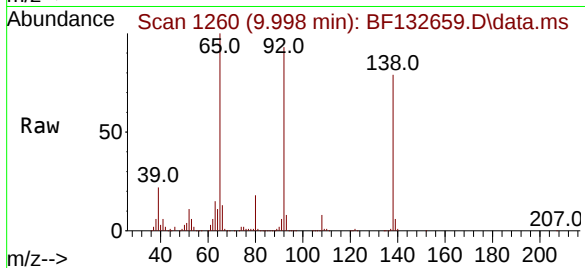




#53  
3-Nitroaniline  
Concen: 25.234 ng  
RT: 9.998 min Scan# 1260  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

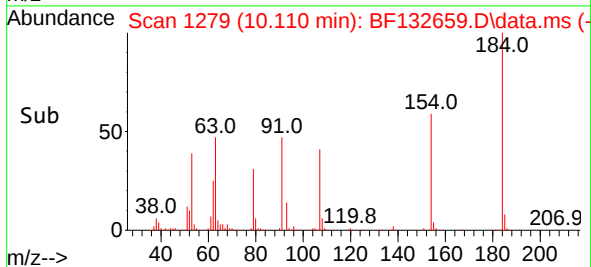
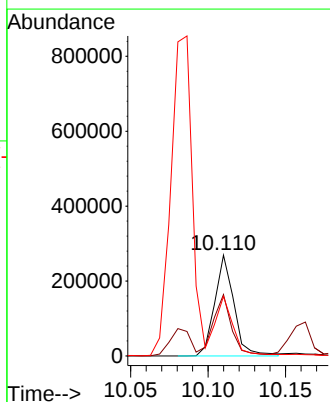
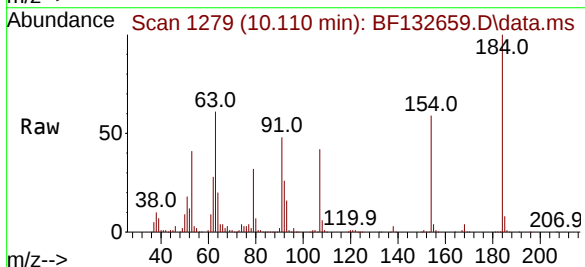
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

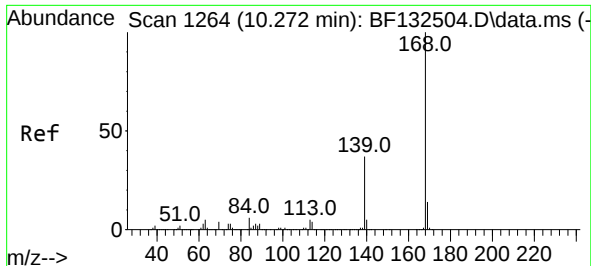
Tgt Ion:138 Resp: 159510  
Ion Ratio Lower Upper  
138 100  
108 9.8 8.1 12.1  
92 118.4 97.2 145.8



#54  
2,4-Dinitrophenol  
Concen: 65.654 ng  
RT: 10.110 min Scan# 1279  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:184 Resp: 232583  
Ion Ratio Lower Upper  
184 100  
63 61.0 51.4 77.2  
154 59.0 48.3 72.5

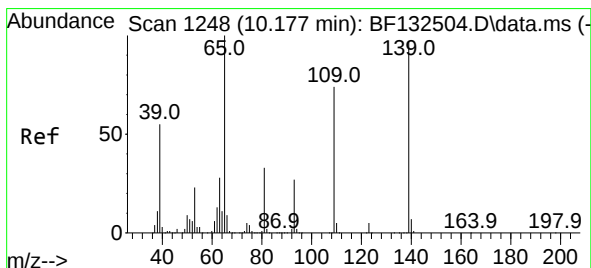
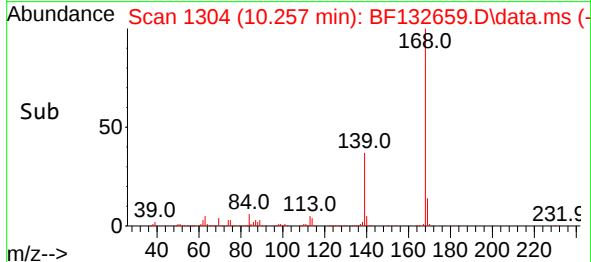
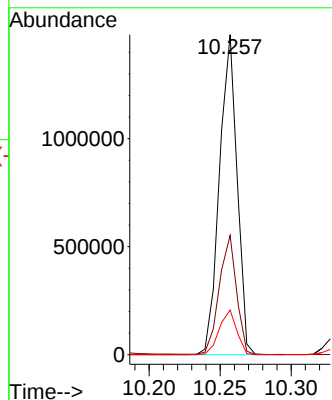
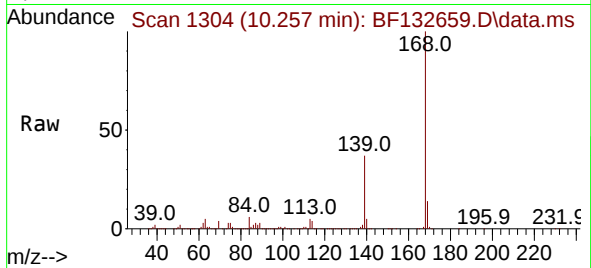




#55  
Dibenzenofuran  
Concen: 42.318 ng  
RT: 10.257 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

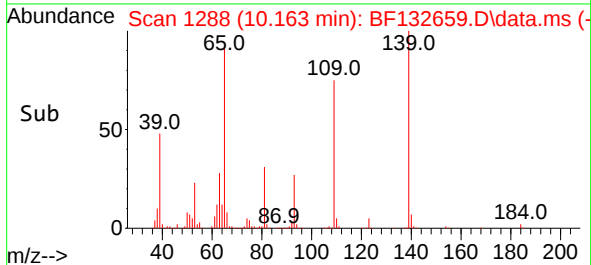
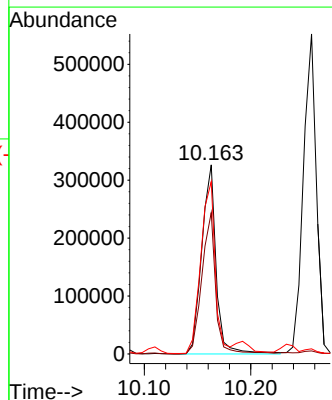
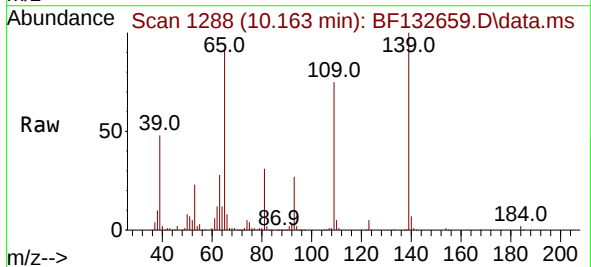
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

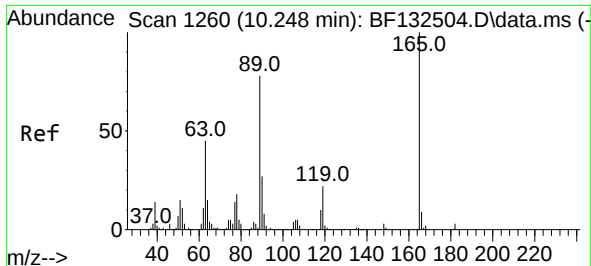
Tgt Ion:168 Resp: 1274960  
Ion Ratio Lower Upper  
168 100  
139 37.3 29.8 44.6  
169 13.9 10.9 16.3



#56  
4-Nitrophenol  
Concen: 65.369 ng  
RT: 10.163 min Scan# 1288  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:139 Resp: 308154  
Ion Ratio Lower Upper  
139 100  
109 74.8 56.7 96.7  
65 91.1 83.5 123.5

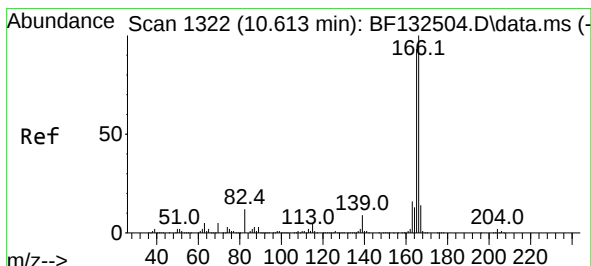
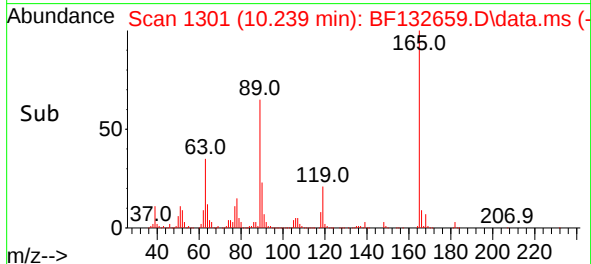
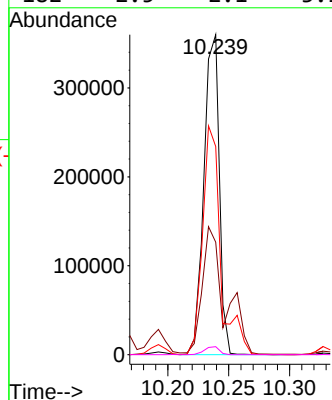
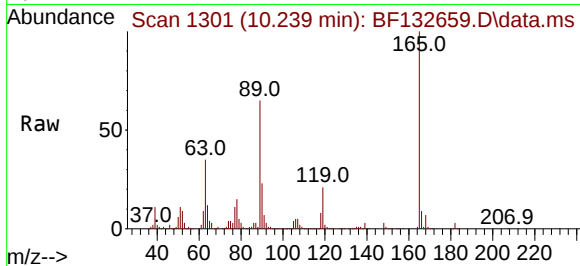




#57  
2,4-Dinitrotoluene  
Concen: 41.989 ng  
RT: 10.239 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

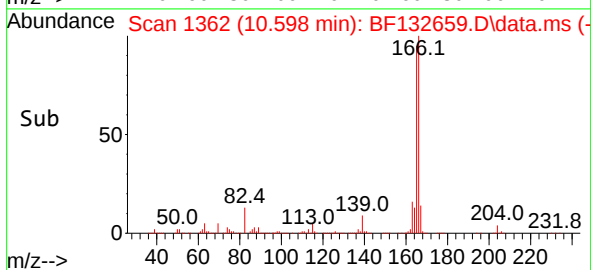
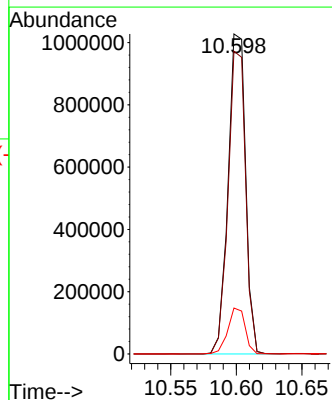
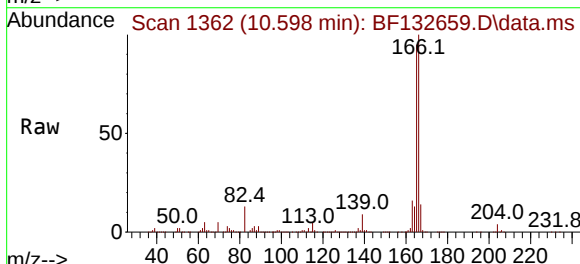
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

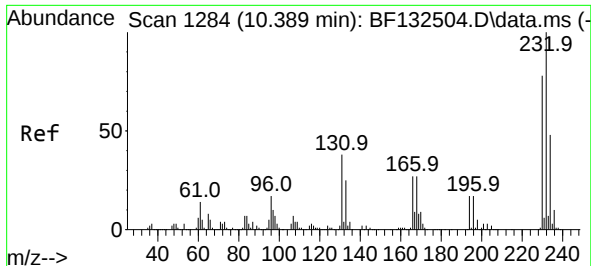
Tgt Ion:165 Resp: 315656  
Ion Ratio Lower Upper  
165 100  
63 35.1 36.5 54.7#  
89 65.1 62.4 93.6  
182 2.5 2.1 3.1



#58  
Fluorene  
Concen: 41.425 ng  
RT: 10.598 min Scan# 1362  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:166 Resp: 954629  
Ion Ratio Lower Upper  
166 100  
165 94.6 74.2 111.4  
167 14.3 11.1 16.7

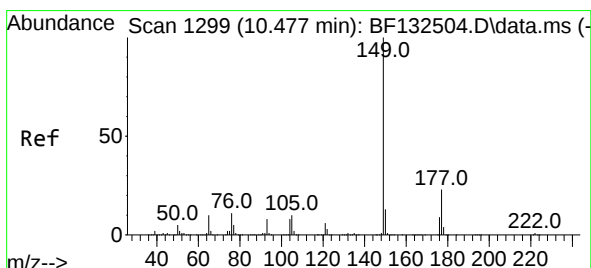
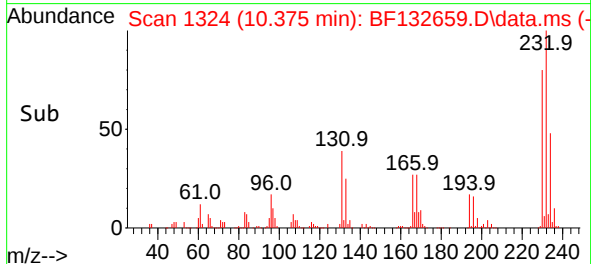
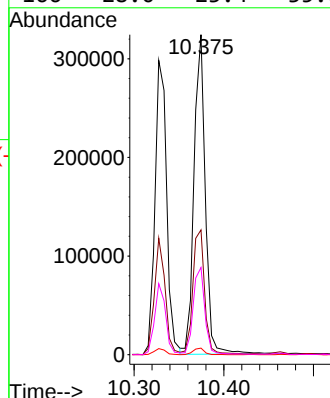
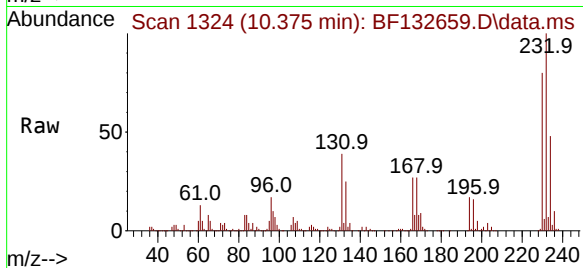




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.404 ng  
RT: 10.375 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

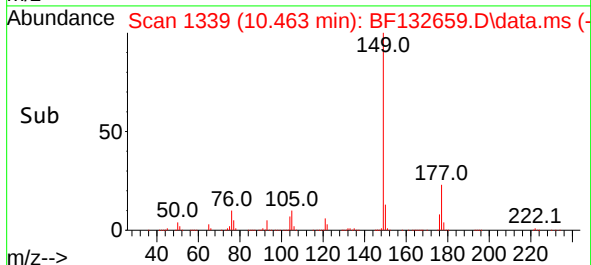
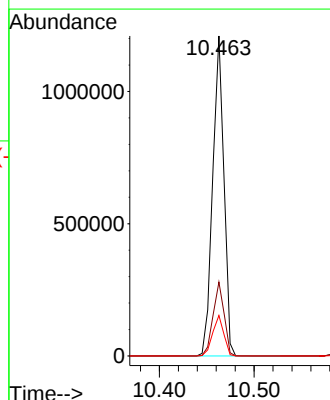
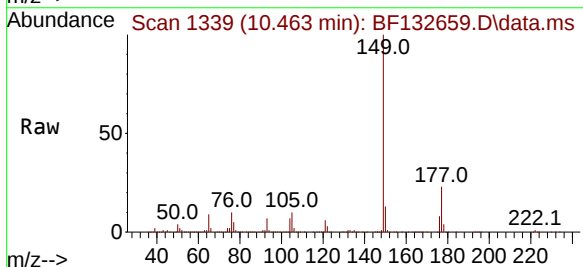
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

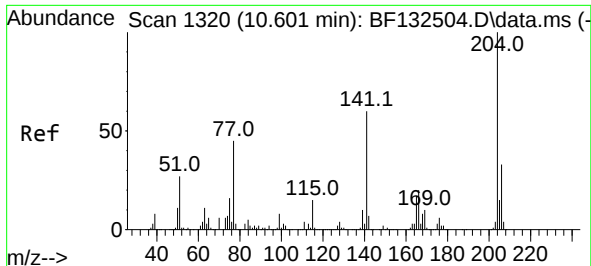
Tgt Ion:232 Resp: 284330  
Ion Ratio Lower Upper  
232 100  
131 40.3 33.8 50.8  
130 2.1 1.7 2.5  
166 28.0 23.4 35.0



#60  
Diethylphthalate  
Concen: 40.833 ng  
RT: 10.463 min Scan# 1339  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:149 Resp: 989504  
Ion Ratio Lower Upper  
149 100  
177 23.1 18.1 27.1  
150 12.7 10.2 15.2

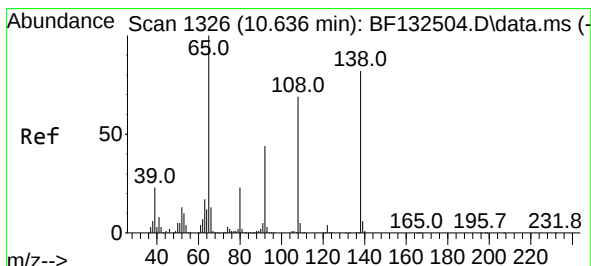
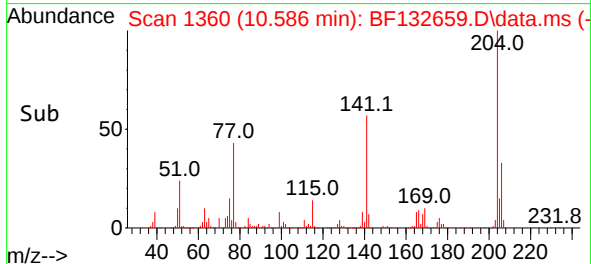
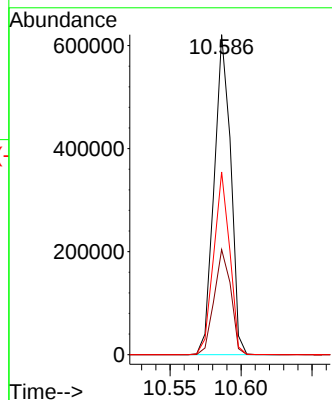
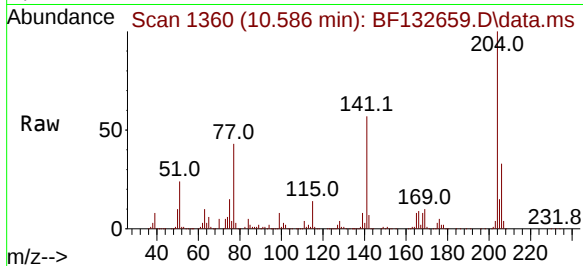




#61  
4-Chlorophenyl-phenylether  
Concen: 42.125 ng  
RT: 10.586 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

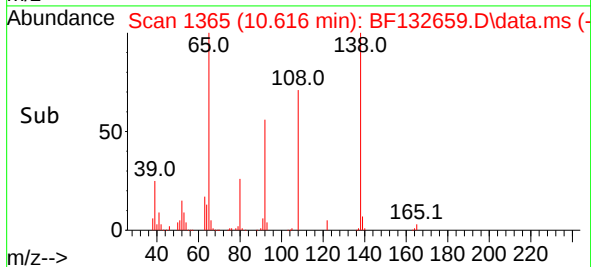
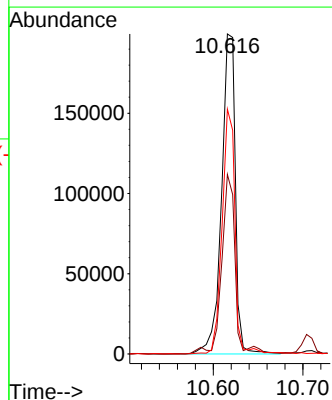
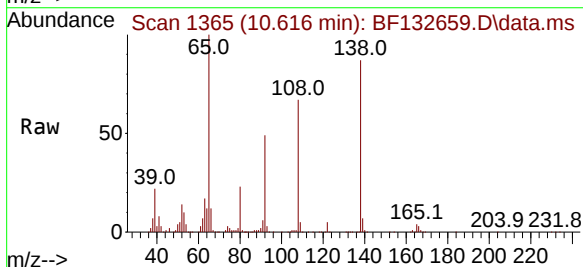
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

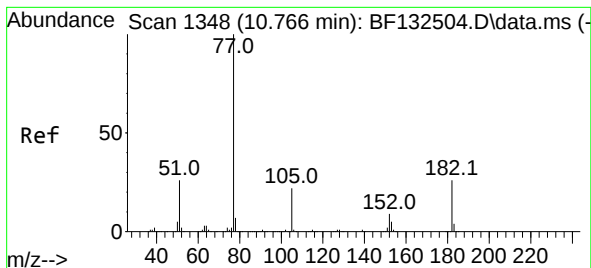
Tgt Ion:204 Resp: 503603  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.3 39.5  
141 57.1 47.8 71.8



#62  
4-Nitroaniline  
Concen: 34.419 ng  
RT: 10.616 min Scan# 1365  
Delta R.T. -0.015 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:138 Resp: 213566  
Ion Ratio Lower Upper  
138 100  
92 56.1 33.8 73.8  
108 76.5 63.7 103.7

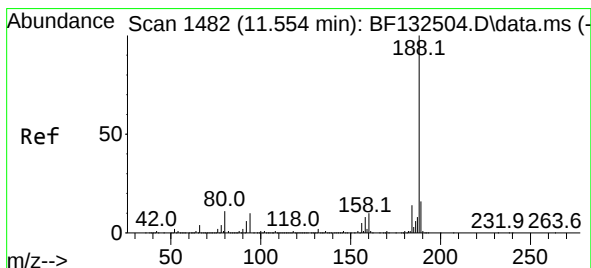
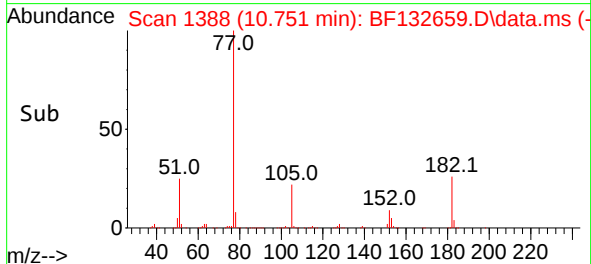
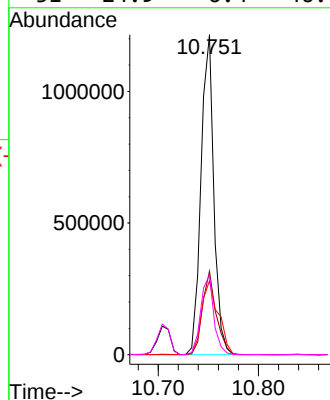
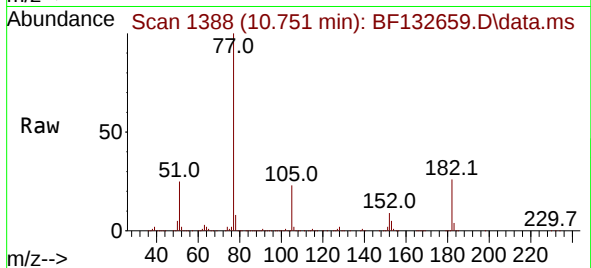




#63  
Azobenzene  
Concen: 42.212 ng  
RT: 10.751 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

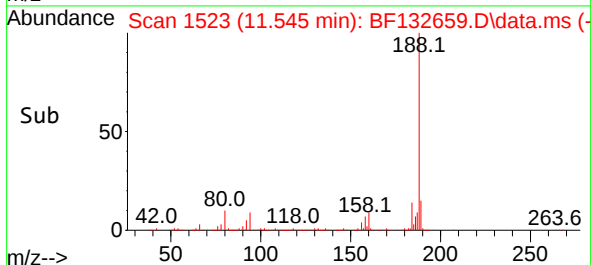
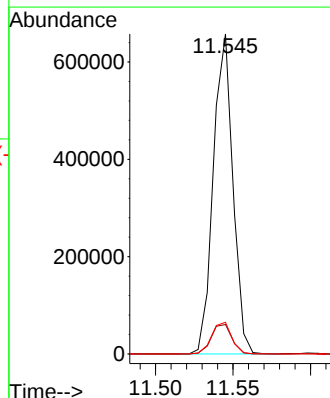
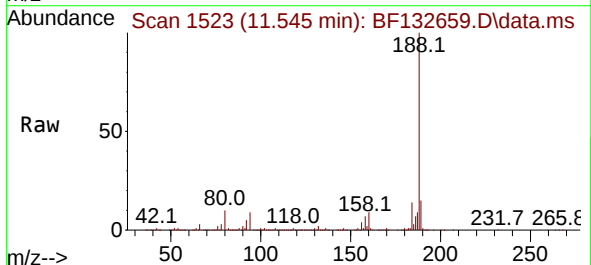
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

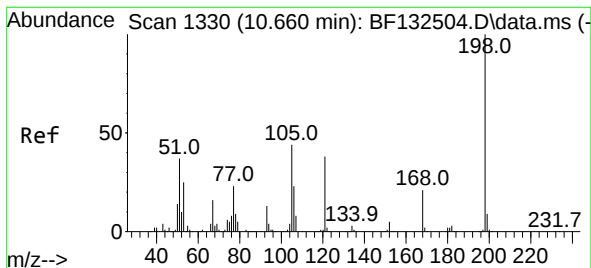
Tgt Ion: 77 Resp: 1083348  
Ion Ratio Lower Upper  
77 100  
182 26.1 5.5 45.5  
105 23.1 1.8 41.8  
51 24.9 6.4 46.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.545 min Scan# 1523  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion: 188 Resp: 577867  
Ion Ratio Lower Upper  
188 100  
94 9.2 8.3 12.5  
80 9.9 8.7 13.1

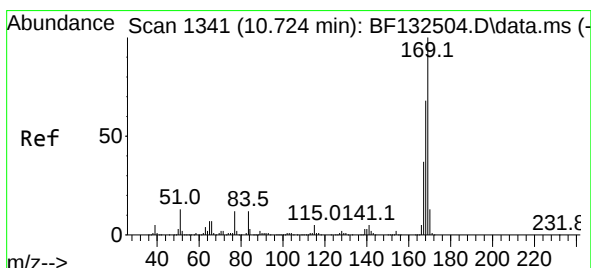
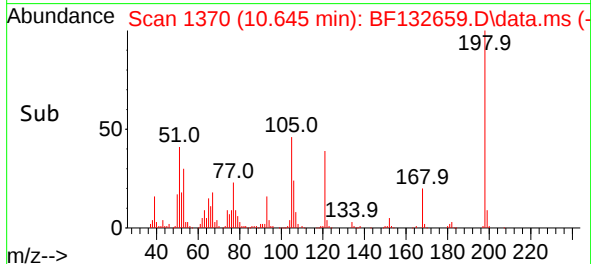
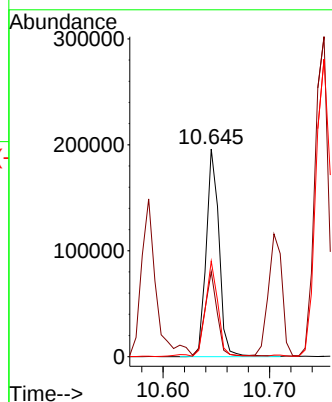
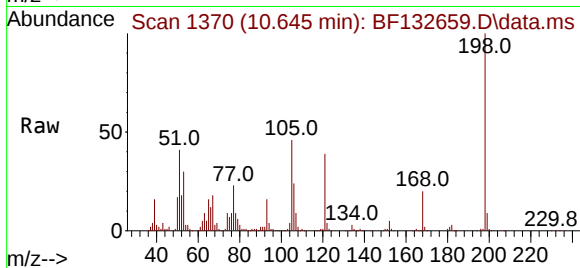




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.196 ng  
RT: 10.645 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

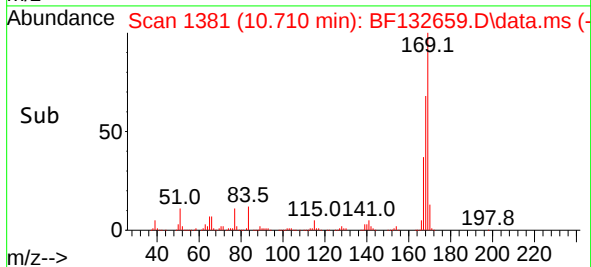
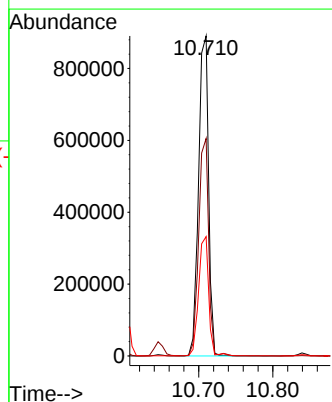
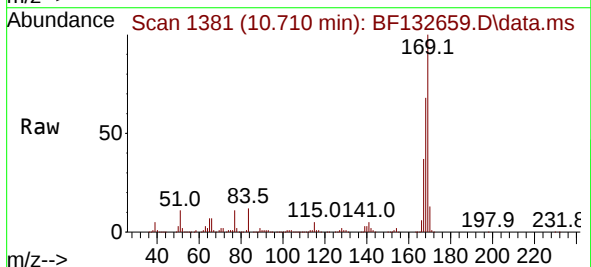
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

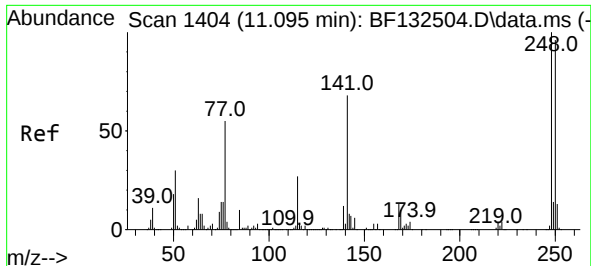
Tgt Ion:198 Resp: 165064  
Ion Ratio Lower Upper  
198 100  
51 40.9 20.6 60.6  
105 46.0 24.3 64.3



#66  
n-Nitrosodiphenylamine  
Concen: 46.062 ng  
RT: 10.710 min Scan# 1381  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:169 Resp: 829833  
Ion Ratio Lower Upper  
169 100  
168 68.0 54.2 81.4  
167 37.3 29.6 44.4

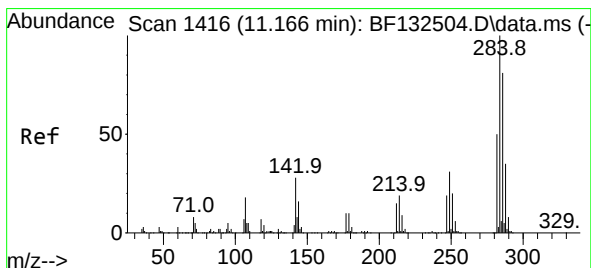
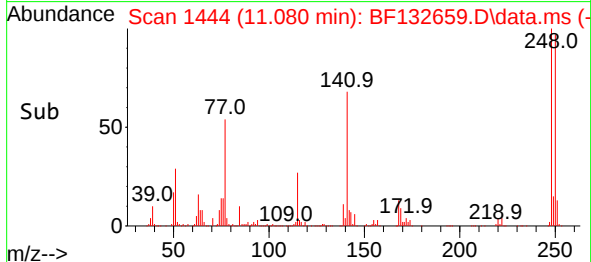
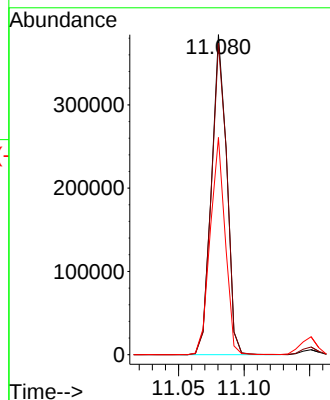
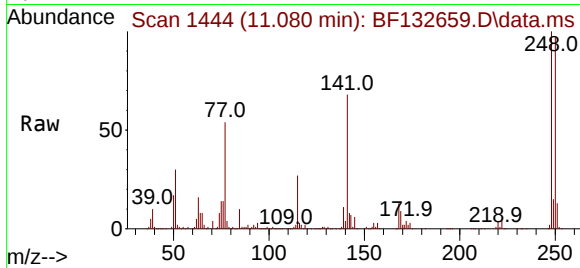




#67  
4-Bromophenyl-phenylether  
Concen: 47.467 ng  
RT: 11.080 min Scan# 1444  
Delta R.T. -0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

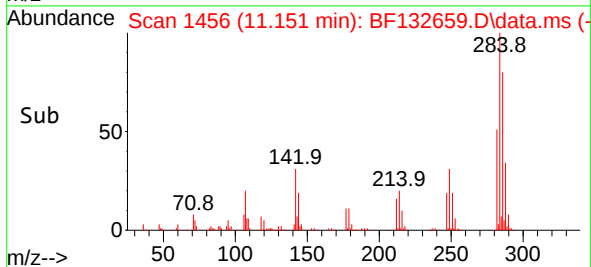
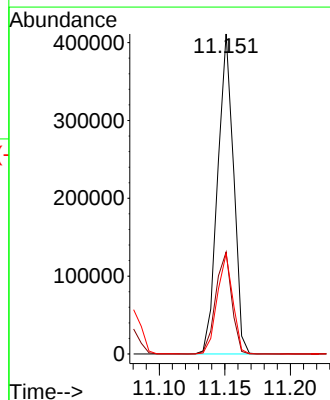
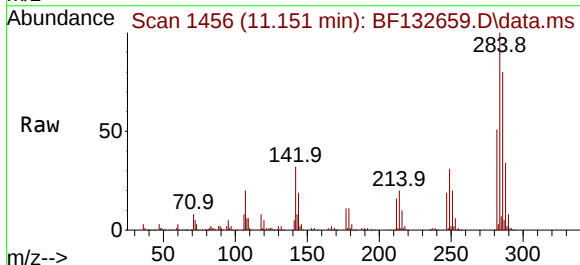
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

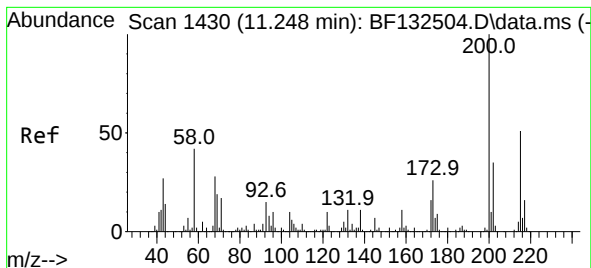
Tgt Ion:248 Resp: 310273  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.0 115.4  
141 67.9 54.2 81.2



#68  
Hexachlorobenzene  
Concen: 50.106 ng  
RT: 11.151 min Scan# 1456  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:284 Resp: 344629  
Ion Ratio Lower Upper  
284 100  
142 31.8 22.2 33.4  
249 31.3 24.9 37.3





#69

Atrazine

Concen: 46.959 ng

RT: 11.233 min Scan# 14

Delta R.T. -0.003 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

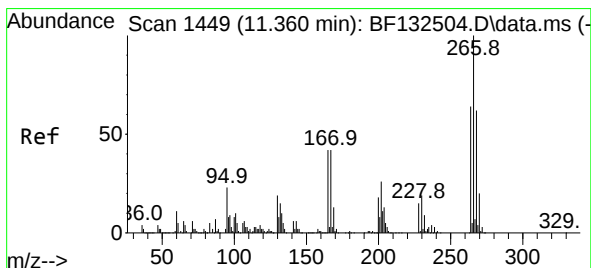
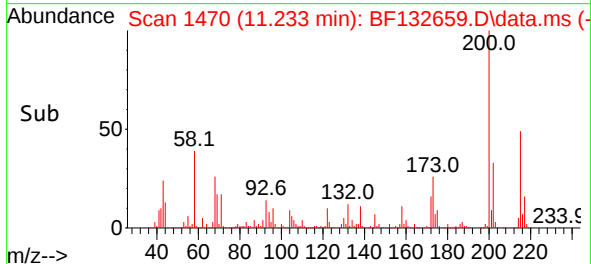
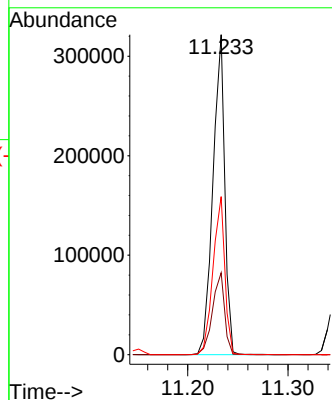
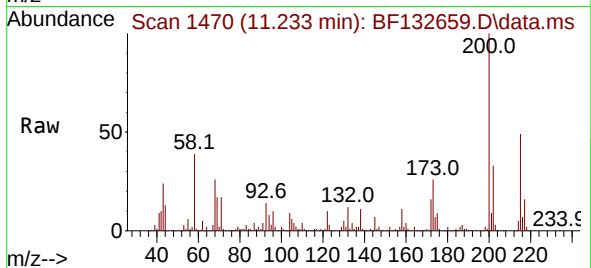
Tgt Ion:200 Resp: 264105

Ion Ratio Lower Upper

200 100

173 25.6 6.4 46.4

215 49.4 31.0 71.0



#70

Pentachlorophenol

Concen: 74.008 ng

RT: 11.345 min Scan# 1489

Delta R.T. -0.003 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

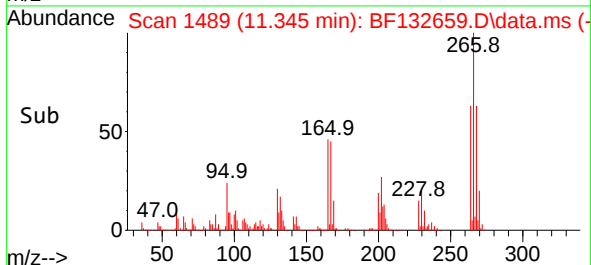
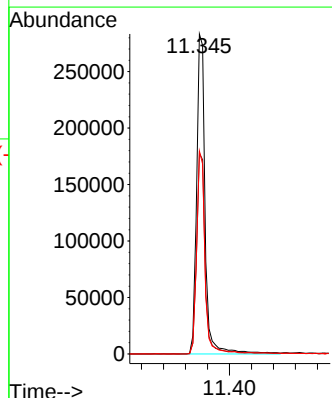
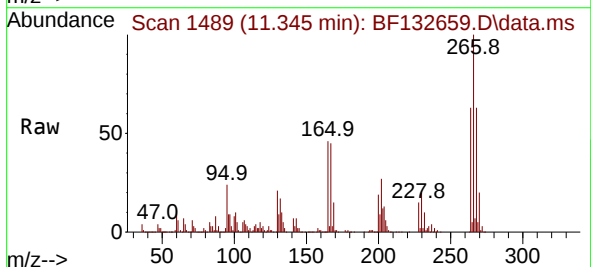
Tgt Ion:266 Resp: 302855

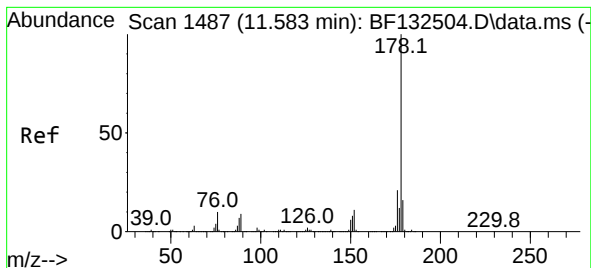
Ion Ratio Lower Upper

266 100

268 62.8 49.8 74.6

264 63.4 50.9 76.3





#71

Phenanthrene

Concen: 44.649 ng

RT: 11.569 min Scan# 11

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

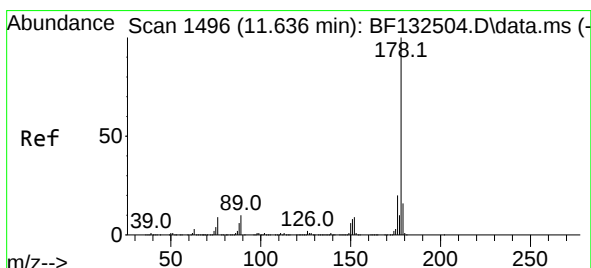
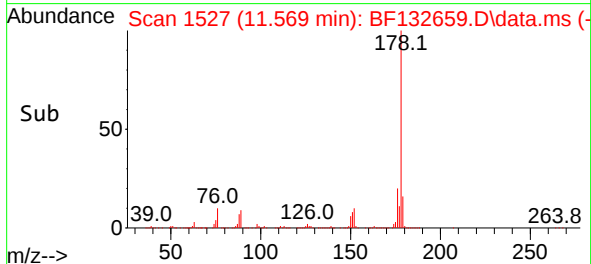
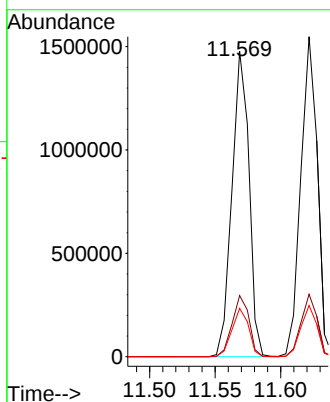
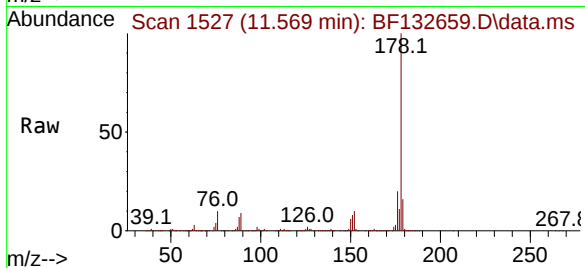
Tgt Ion:178 Resp: 1336621

Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

179 15.8 13.0 19.6



#72

Anthracene

Concen: 44.100 ng

RT: 11.622 min Scan# 1536

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

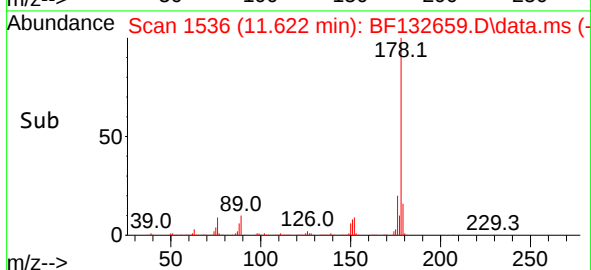
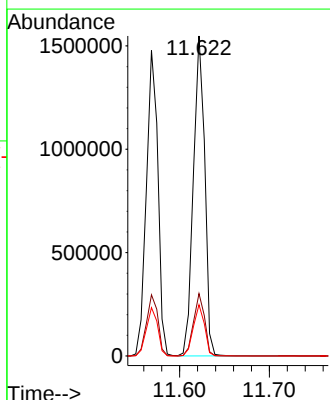
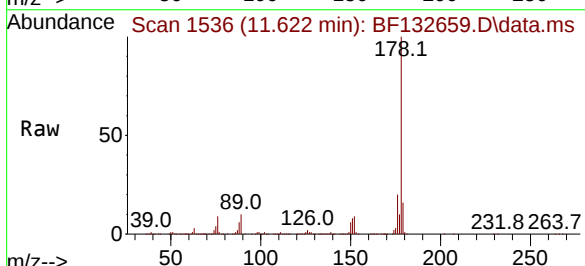
Tgt Ion:178 Resp: 1359493

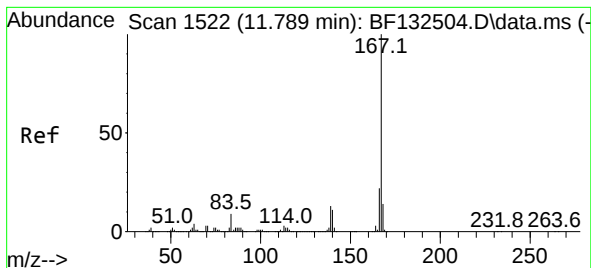
Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 16.0 12.5 18.7





#73

Carbazole

Concen: 40.129 ng

RT: 11.775 min Scan# 11

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

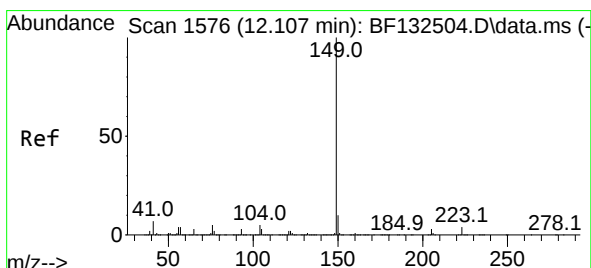
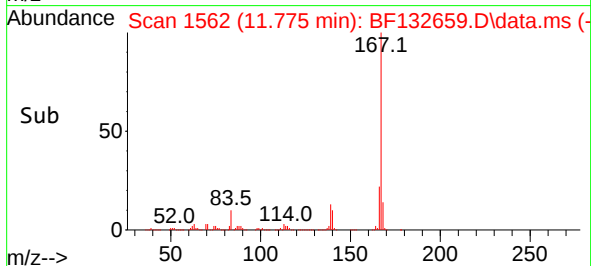
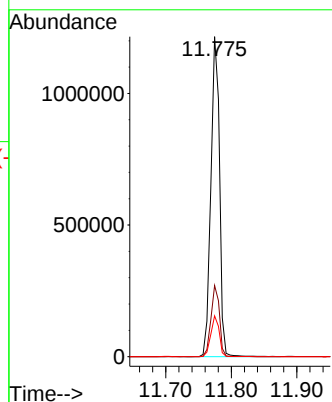
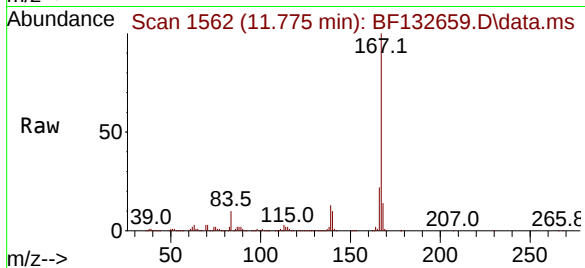
Tgt Ion:167 Resp: 1115354

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

139 12.8 10.5 15.7



#74

Di-n-butylphthalate

Concen: 41.766 ng

RT: 12.092 min Scan# 1616

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

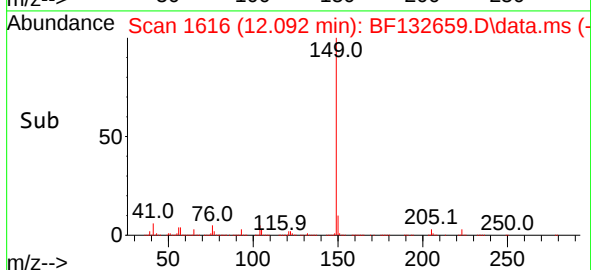
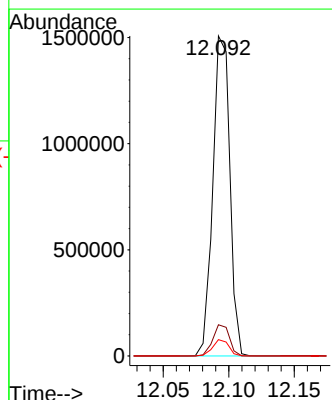
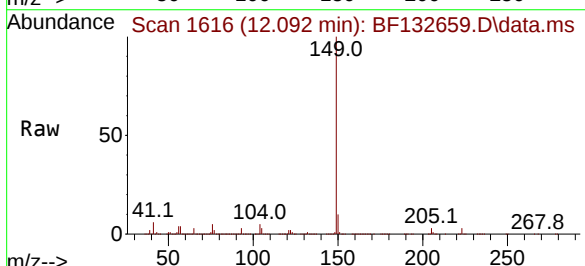
Tgt Ion:149 Resp: 1361684

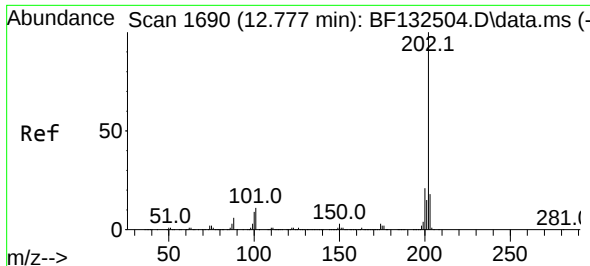
Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

104 5.1 4.3 6.5

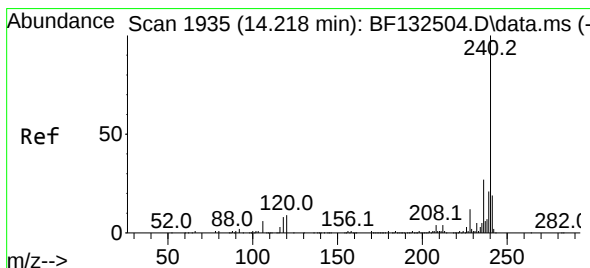
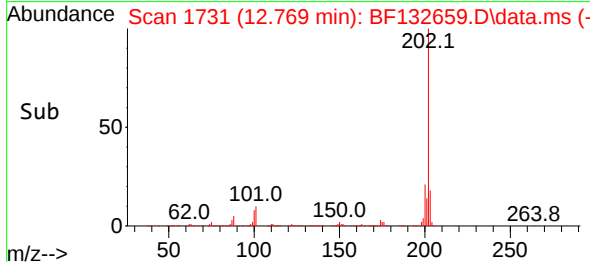
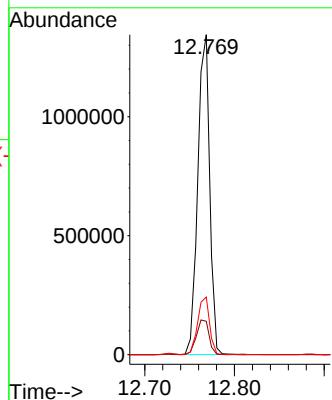
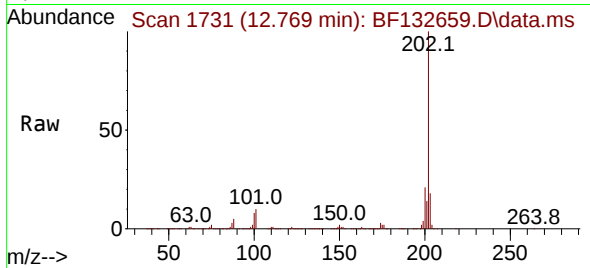




#75  
Fluoranthene  
Concen: 37.819 ng  
RT: 12.769 min Scan# 1731  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

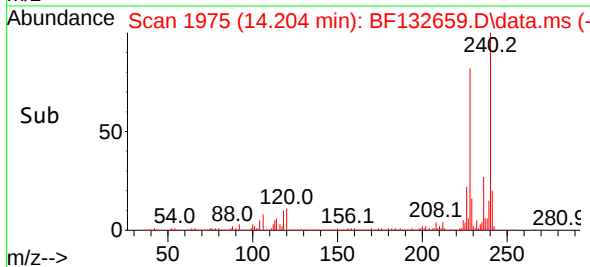
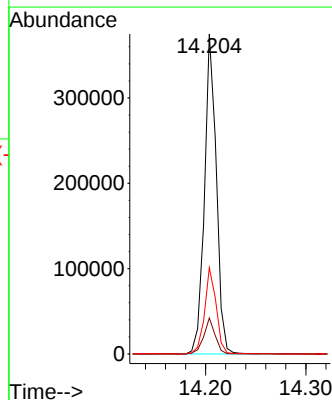
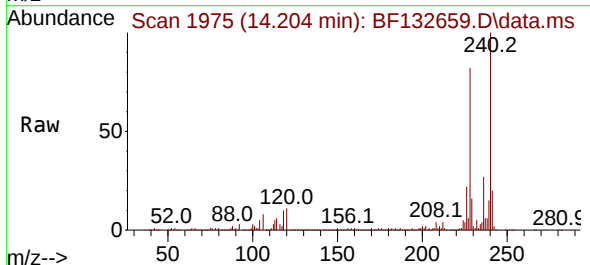
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

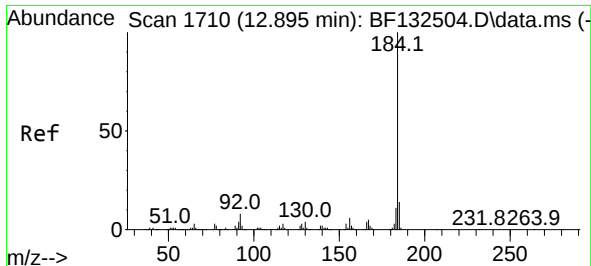
Tgt Ion:202 Resp: 1237675  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 31.4  
203 18.0 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.204 min Scan# 1975  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:240 Resp: 309826  
Ion Ratio Lower Upper  
240 100  
120 11.3 7.2 10.8#  
236 27.0 21.8 32.6

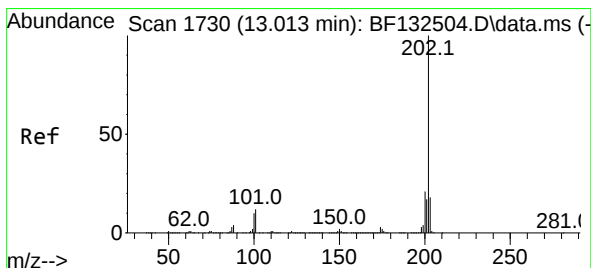
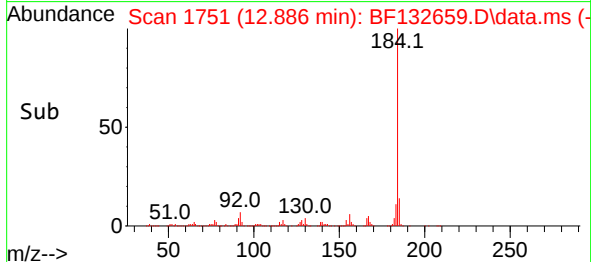
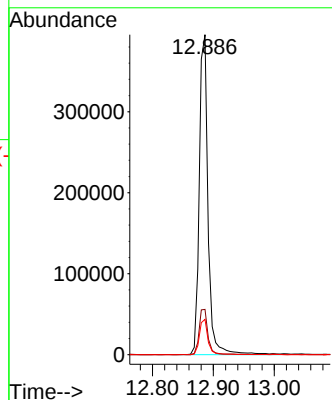
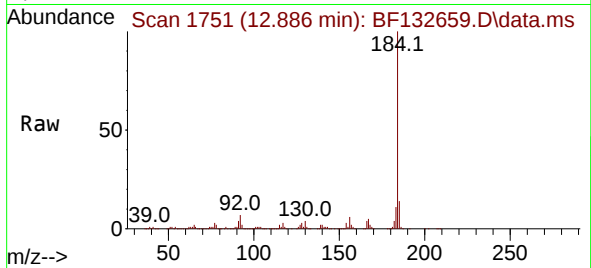




#77  
Benzidine  
Concen: 52.153 ng  
RT: 12.886 min Scan# 1710  
Delta R.T. 0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

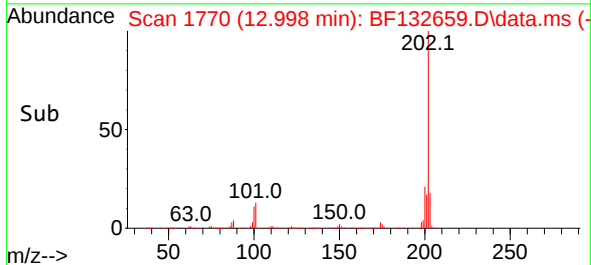
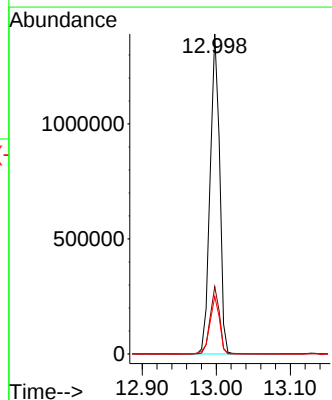
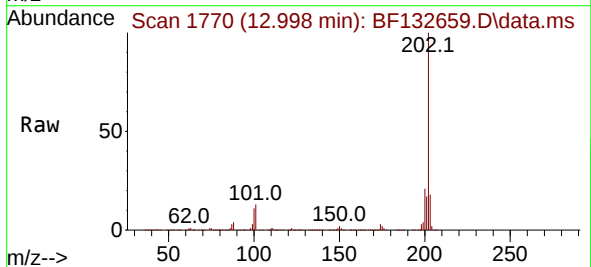
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

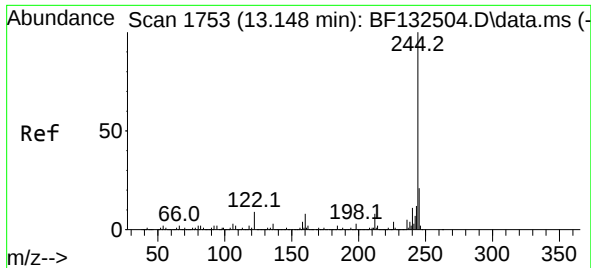
Tgt Ion:184 Resp: 393339  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.7 17.5  
183 11.0 8.7 13.1



#78  
Pyrene  
Concen: 44.163 ng  
RT: 12.998 min Scan# 1770  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:202 Resp: 1244012  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.1 25.7  
203 18.0 14.6 21.8

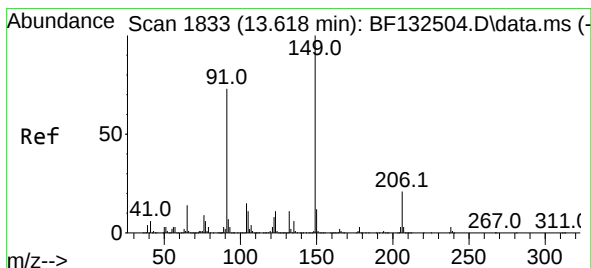
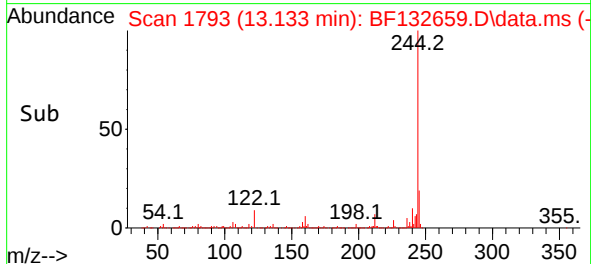
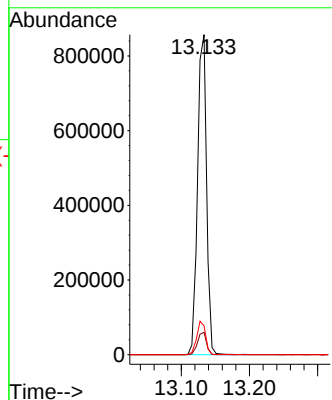
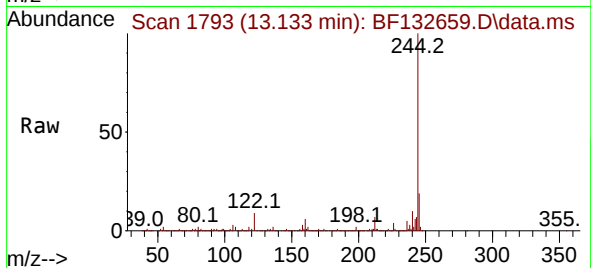




#79  
 Terphenyl-d14  
 Concen: 42.980 ng  
 RT: 13.133 min Scan# 11  
 Delta R.T. -0.009 min  
 Lab File: BF132659.D  
 Acq: 06 Mar 2023 20:45

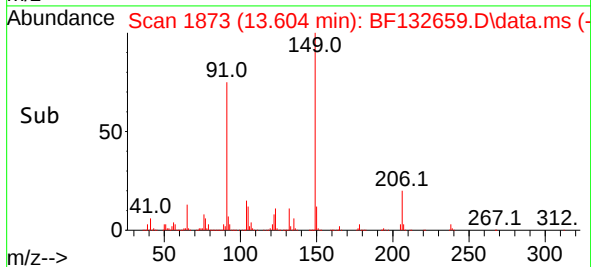
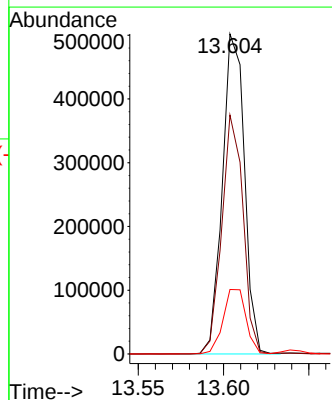
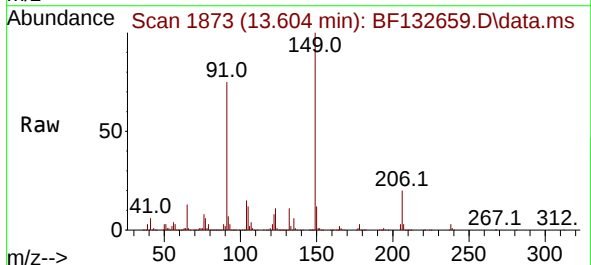
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1MSD

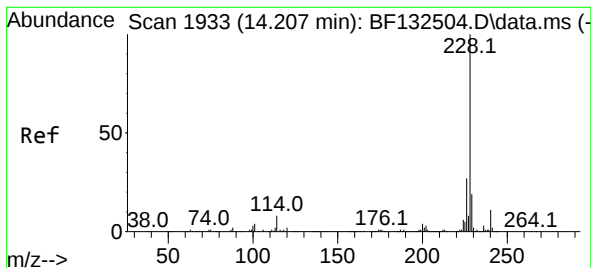
Tgt Ion:244 Resp: 787595  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.5 9.7  
 122 9.0 7.5 11.3



#80  
 Butylbenzylphthalate  
 Concen: 40.717 ng  
 RT: 13.604 min Scan# 1873  
 Delta R.T. -0.009 min  
 Lab File: BF132659.D  
 Acq: 06 Mar 2023 20:45

Tgt Ion:149 Resp: 452603  
 Ion Ratio Lower Upper  
 149 100  
 91 74.6 58.4 87.6  
 206 20.1 16.8 25.2





#81

Benzo(a)anthracene

Concen: 44.974 ng

RT: 14.192 min Scan# 1966

Delta R.T. -0.003 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

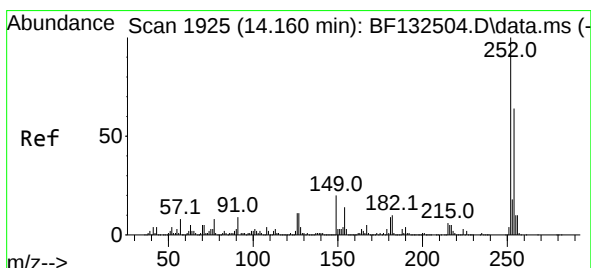
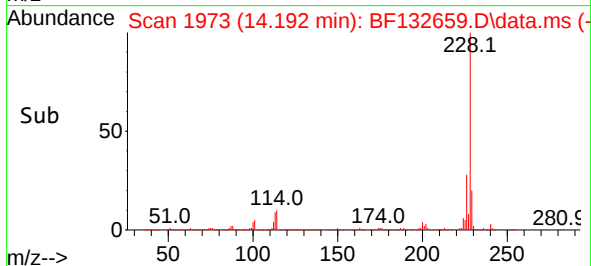
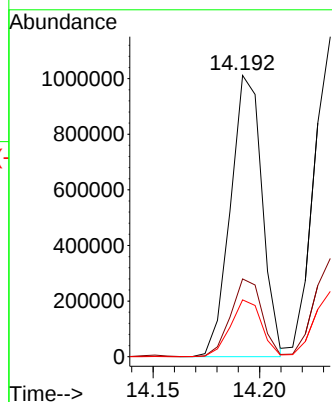
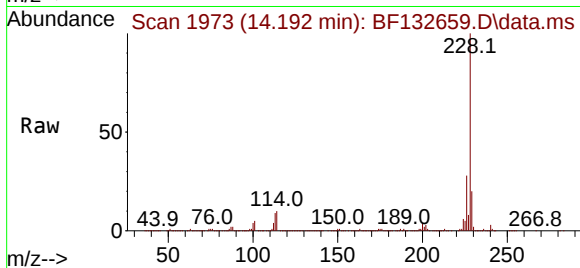
Tgt Ion:228 Resp: 1042593

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

229 20.2 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 37.073 ng

RT: 14.151 min Scan# 1966

Delta R.T. -0.003 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

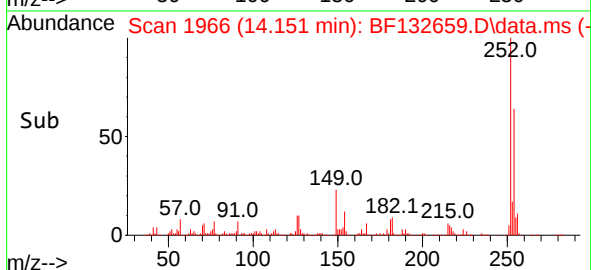
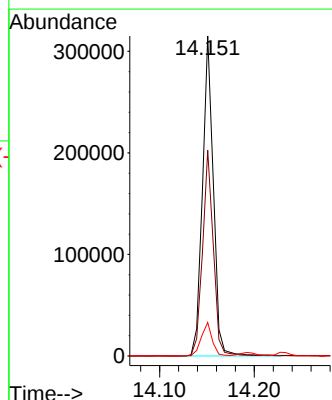
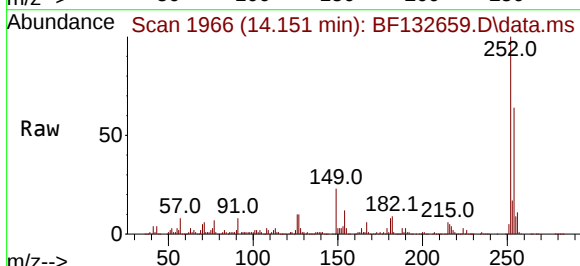
Tgt Ion:252 Resp: 253373

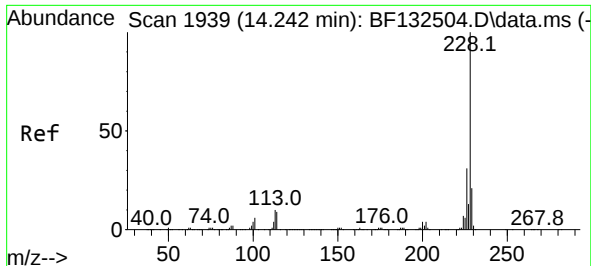
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

126 10.4 8.9 13.3

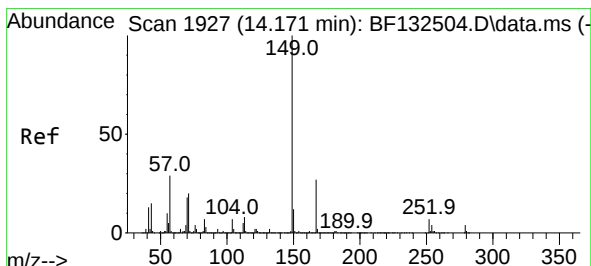
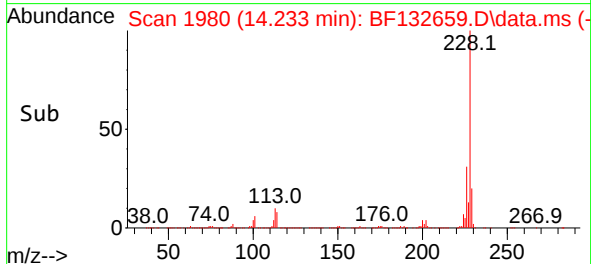
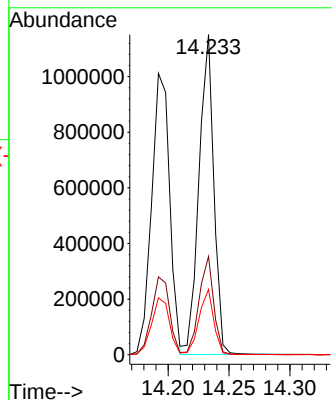
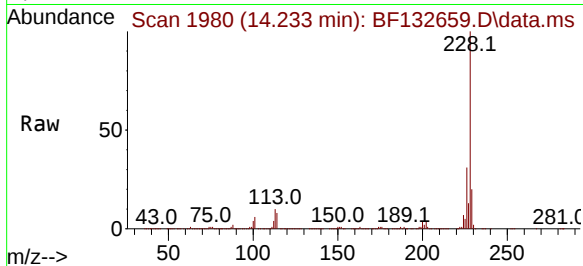




#83  
Chrysene  
Concen: 45.163 ng  
RT: 14.233 min Scan# 1939  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

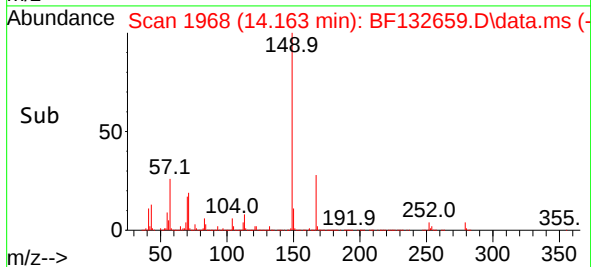
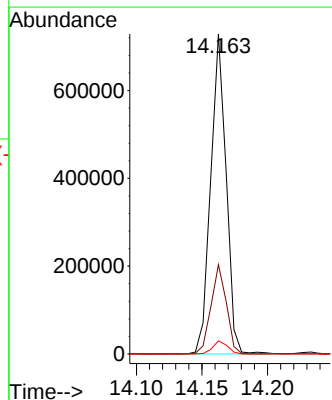
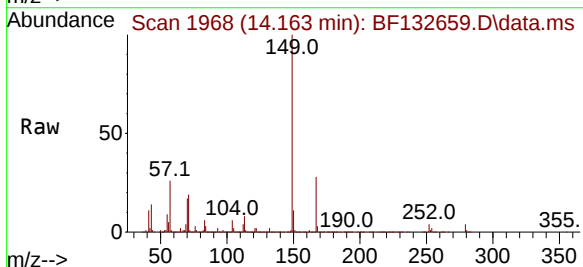
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

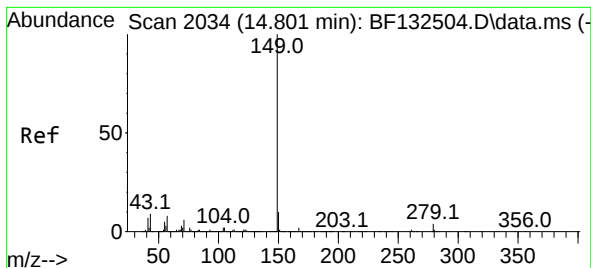
Tgt Ion:228 Resp: 979042  
Ion Ratio Lower Upper  
228 100  
226 30.7 25.0 37.6  
229 20.4 16.4 24.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.795 ng  
RT: 14.163 min Scan# 1968  
Delta R.T. -0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:149 Resp: 598031  
Ion Ratio Lower Upper  
149 100  
167 27.9 21.8 32.6  
279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 56.489 ng

RT: 14.792 min Scan# 2034

Delta R.T. 0.003 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

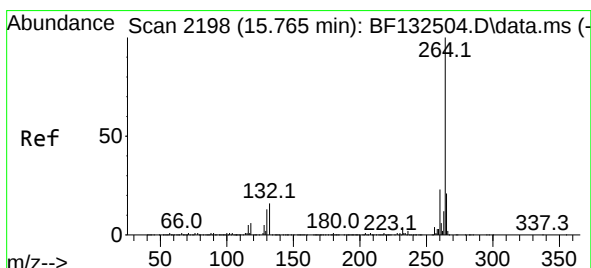
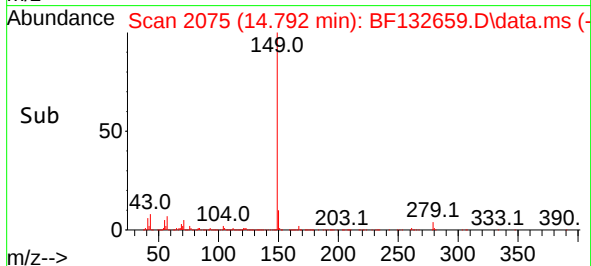
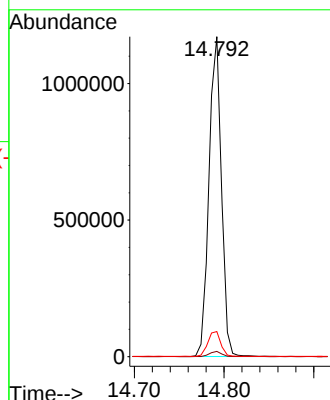
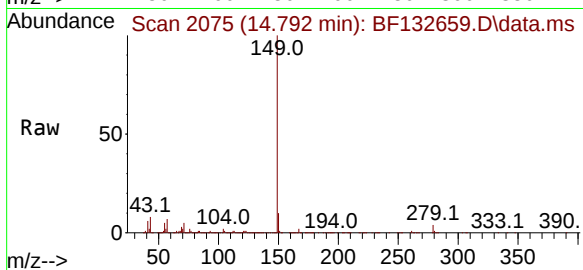
Tgt Ion:149 Resp: 1127207

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.757 min Scan# 2239

Delta R.T. 0.003 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

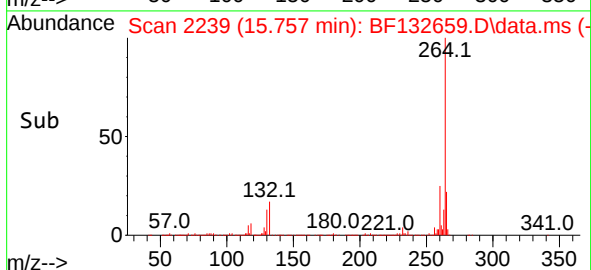
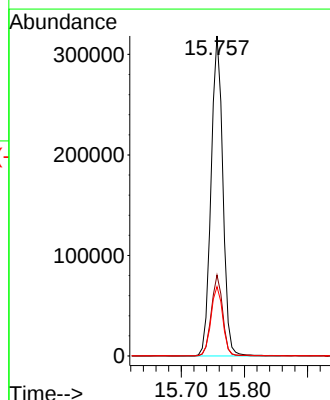
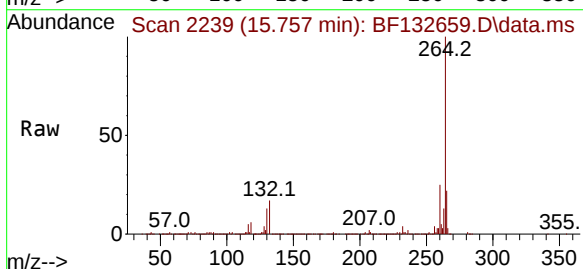
Tgt Ion:264 Resp: 411331

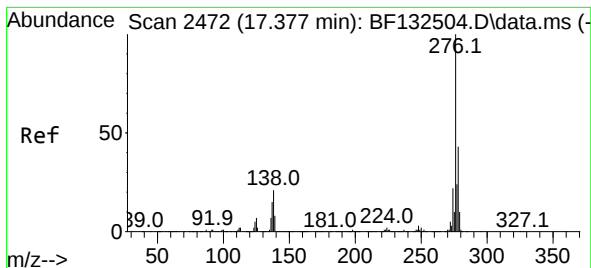
Ion Ratio Lower Upper

264 100

260 25.3 18.8 28.2

265 21.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.594 ng

RT: 17.368 min Scan# 2161

Delta R.T. 0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

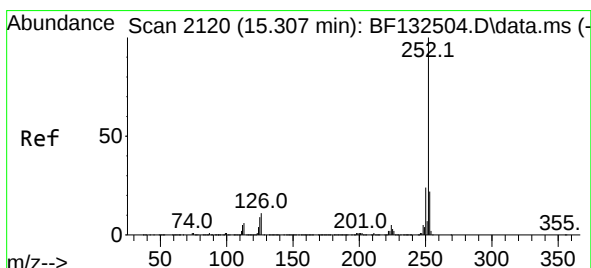
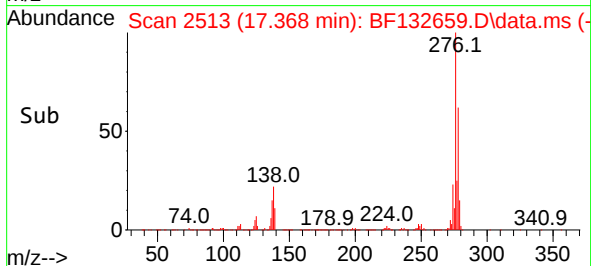
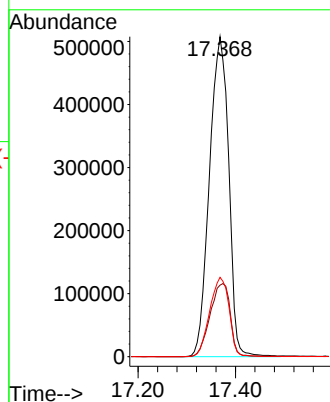
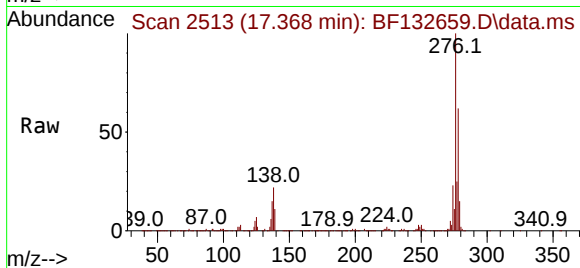
Tgt Ion:276 Resp: 1390585

Ion Ratio Lower Upper

276 100

138 23.9 19.0 28.4

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 43.550 ng

RT: 15.298 min Scan# 2161

Delta R.T. 0.003 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

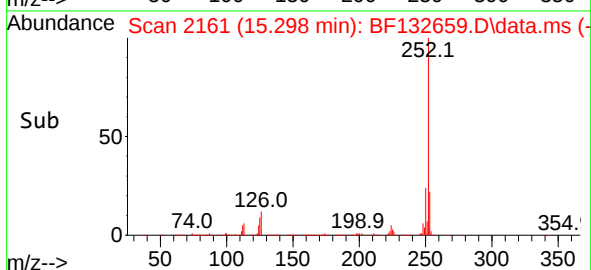
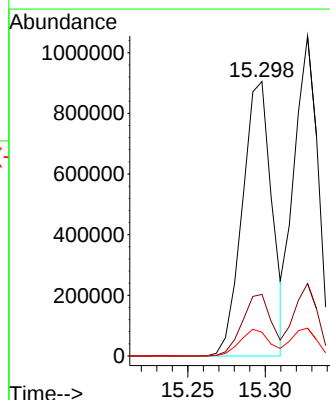
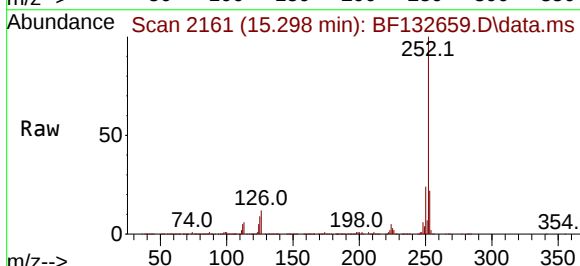
Tgt Ion:252 Resp: 1200467

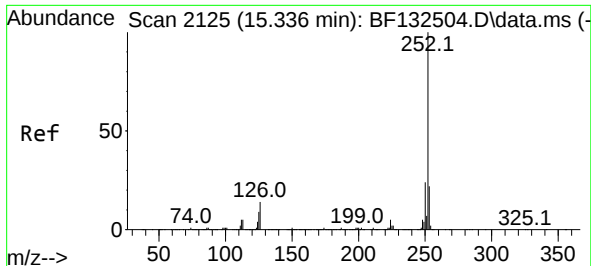
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 8.6 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 42.421 ng

RT: 15.327 min Scan# 2116

Delta R.T. 0.003 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

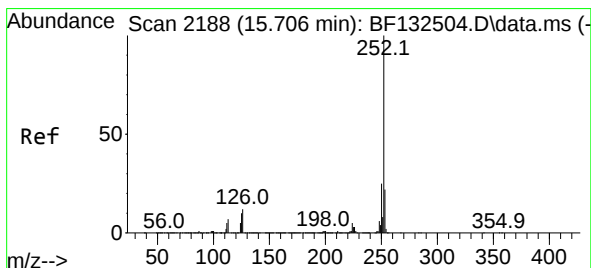
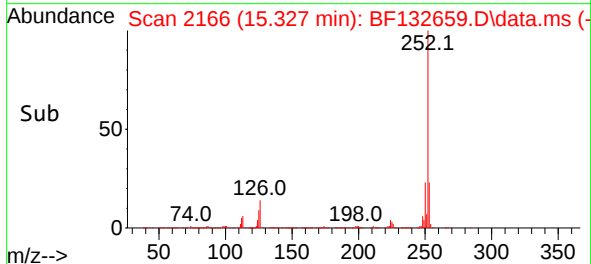
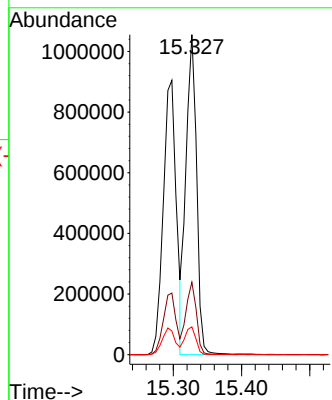
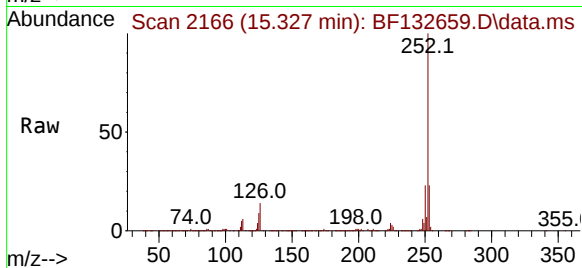
Tgt Ion:252 Resp: 1144440

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 8.7 7.2 10.8



#90

Benzo(a)pyrene

Concen: 42.401 ng

RT: 15.692 min Scan# 2228

Delta R.T. 0.003 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

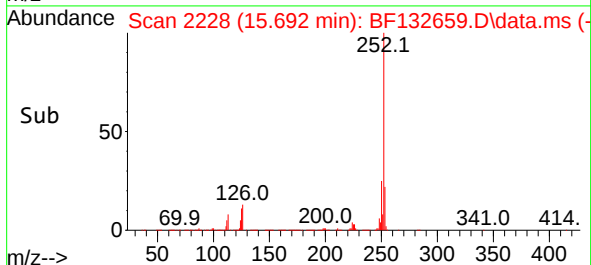
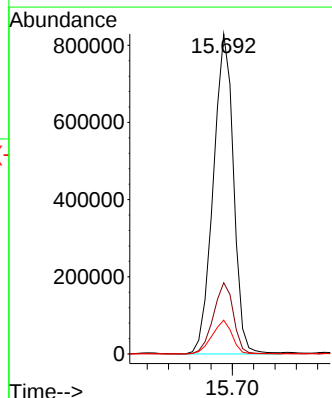
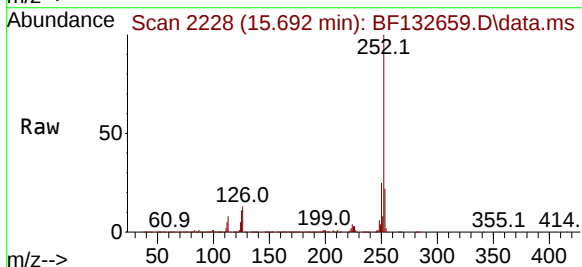
Tgt Ion:252 Resp: 1093899

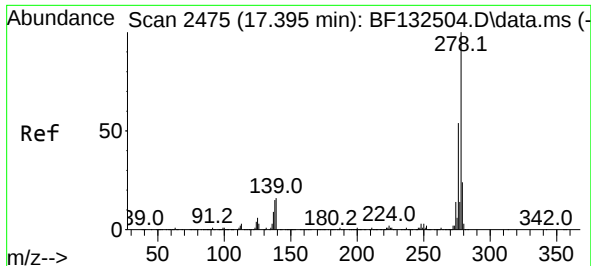
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 10.5 8.0 12.0

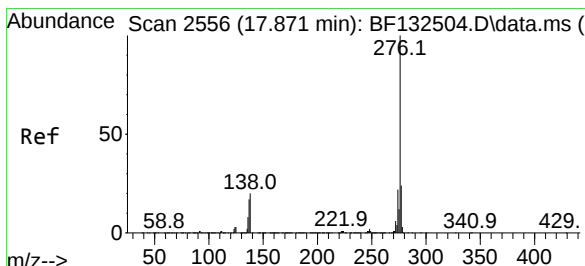
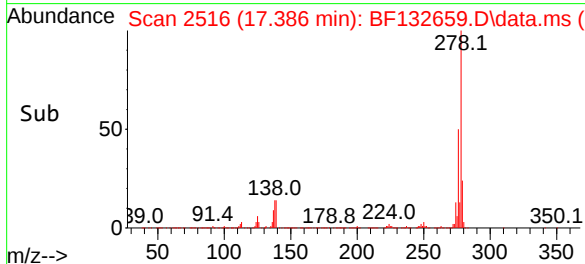
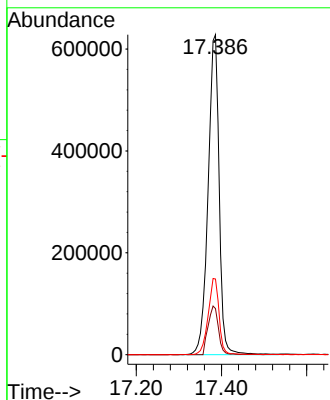
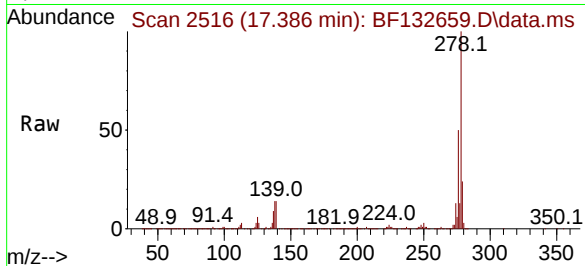




#91  
Dibenzo(a,h)anthracene  
Concen: 51.561 ng  
RT: 17.386 min Scan# 21  
Delta R.T. 0.009 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

Tgt Ion:278 Resp: 1132260  
Ion Ratio Lower Upper  
278 100  
139 14.4 13.0 19.4  
279 23.7 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 47.200 ng  
RT: 17.856 min Scan# 2596  
Delta R.T. 0.003 min  
Lab File: BF132659.D  
Acq: 06 Mar 2023 20:45

Tgt Ion:276 Resp: 1170663  
Ion Ratio Lower Upper  
276 100  
277 24.1 18.9 28.3  
138 21.5 16.2 24.4

