

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF013023\  
 Data File : BF132224.D  
 Acq On : 30 Jan 2023 22:26  
 Operator : CG\JU  
 Sample : 01353-01MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11985MS

Quant Time: Jan 31 00:35:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 28 02:25:45 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.078  | 152  | 213500   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.372  | 136  | 793482   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.136 | 164  | 424756   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.631 | 188  | 752255   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.295 | 240  | 362676   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.883 | 264  | 412993   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.713  | 112  | 1271829  | 99.114  | ng    | 0.02     |
| 7) Phenol-d6                  | 6.696  | 99   | 1632749  | 101.479 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.643  | 82   | 1002886  | 66.169  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.931 | 330  | 434051   | 110.356 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.442  | 172  | 1769417  | 61.296  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.225 | 244  | 1538854  | 66.663  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.108  | 88   | 268290   | 41.541  | ng    | 97       |
| 3) Pyridine                   | 3.831  | 79   | 675788   | 38.098  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.796  | 42   | 246259   | 41.481  | ng    | 89       |
| 6) Aniline                    | 6.743  | 93   | 641994   | 28.495  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.866  | 128  | 668166   | 51.931  | ng    | 95       |
| 9) Benzaldehyde               | 6.631  | 77   | 467055   | 58.758  | ng    | 98       |
| 10) Phenol                    | 6.707  | 94   | 810383   | 48.382  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.813  | 93   | 671831   | 46.499  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.025  | 146  | 699156   | 48.879  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.101  | 146  | 704909   | 49.434  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.254  | 146  | 677248   | 51.125  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.219  | 79   | 562578   | 47.585  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.348  | 45   | 732822   | 44.663  | ng    | 97       |
| 17) 2-Methylphenol            | 7.319  | 107  | 539681   | 46.132  | ng    | 99       |
| 18) Hexachloroethane          | 7.595  | 117  | 264443   | 50.469  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.490  | 70   | 429903   | 44.393  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.472  | 107  | 687435   | 46.755  | ng    | 93       |
| 22) Acetophenone              | 7.490  | 105  | 870222   | 44.855  | ng    | 97       |
| 24) Nitrobenzene              | 7.666  | 77   | 692598   | 44.199  | ng    | 94       |
| 25) Isophorone                | 7.901  | 82   | 1306553  | 44.824  | ng    | 97       |
| 26) 2-Nitrophenol             | 7.978  | 139  | 329232   | 51.521  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 8.007  | 122  | 602581   | 49.436  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 8.107  | 93   | 802377   | 44.711  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.219  | 162  | 557761   | 49.006  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.307  | 180  | 619269   | 47.363  | ng    | 100      |
| 31) Naphthalene               | 8.390  | 128  | 1759934  | 44.827  | ng    | 99       |
| 32) Benzoic acid              | 8.107  | 122  | 219705   | 30.098  | ng    | 93       |
| 33) 4-Chloroaniline           | 8.431  | 127  | 168025   | 9.872   | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.501  | 225  | 381715   | 46.735  | ng    | 98       |
| 35) Caprolactam               | 8.842  | 113  | 39215    | 12.169  | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 8.907  | 107  | 574985   | 49.334  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 9.084  | 142  | 1204581  | 44.717  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.184  | 142  | 1116336  | 44.674  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.248  | 216  | 639795   | 44.883  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.237  | 237  | 729738   | 100.786 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.354  | 196  | 433748   | 49.869  | ng    | 99       |

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 Sample : 01353-01MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

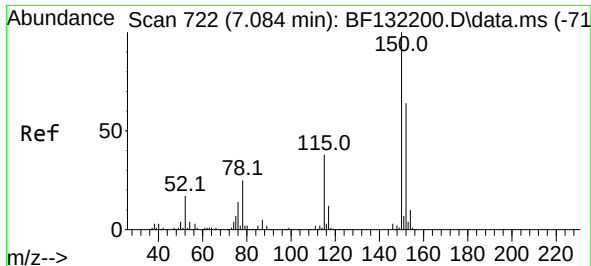
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11985MS

Quant Time: Jan 31 00:35:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 28 02:25:45 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.395  | 196  | 456014   | 44.769 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.548  | 154  | 1454655  | 44.439 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.578  | 162  | 1152969  | 45.381 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.666  | 65   | 325963   | 47.773 | ng    | 94       |
| 49) Acenaphthylene            | 9.995  | 152  | 1766646  | 44.754 | ng    | 99       |
| 50) Dimethylphthalate         | 9.848  | 163  | 1352305  | 46.912 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.907  | 165  | 307955   | 50.286 | ng    | 94       |
| 52) Acenaphthene              | 10.172 | 154  | 1123962  | 46.311 | ng    | 100      |
| 53) 3-Nitroaniline            | 10.078 | 138  | 192402   | 28.392 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 10.184 | 184  | 182906   | 59.864 | ng    | 96       |
| 55) Dibenzofuran              | 10.342 | 168  | 1615547  | 44.433 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.231 | 139  | 455090   | 92.951 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.319 | 165  | 397236   | 52.688 | ng    | # 82     |
| 58) Fluorene                  | 10.689 | 166  | 1237059  | 44.543 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.454 | 232  | 365673   | 50.525 | ng    | 99       |
| 60) Diethylphthalate          | 10.548 | 149  | 1339672  | 47.675 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.672 | 204  | 665316   | 45.413 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.701 | 138  | 287813   | 45.266 | ng    | 96       |
| 63) Azobenzene                | 10.836 | 77   | 1296452  | 43.718 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.725 | 198  | 150071   | 39.602 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.795 | 169  | 1102577  | 46.675 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.172 | 248  | 421852   | 48.712 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.236 | 284  | 438578   | 51.110 | ng    | 97       |
| 69) Atrazine                  | 11.319 | 200  | 379536   | 55.978 | ng    | 99       |
| 70) Pentachlorophenol         | 11.431 | 266  | 435798   | 76.944 | ng    | 98       |
| 71) Phenanthrene              | 11.660 | 178  | 1780075  | 46.515 | ng    | 99       |
| 72) Anthracene                | 11.713 | 178  | 1756979  | 45.086 | ng    | 99       |
| 73) Carbazole                 | 11.860 | 167  | 1499002  | 44.778 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.183 | 149  | 1899991  | 49.888 | ng    | 99       |
| 75) Fluoranthene              | 12.854 | 202  | 1669528  | 42.877 | ng    | 99       |
| 77) Benzidine                 | 12.972 | 184  | 434432   | 45.892 | ng    | 98       |
| 78) Pyrene                    | 13.089 | 202  | 1613005  | 47.468 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.695 | 149  | 589174   | 51.414 | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.283 | 228  | 1198038  | 46.982 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.236 | 252  | 155038   | 22.436 | ng    | # 98     |
| 83) Chrysene                  | 14.319 | 228  | 1120404  | 47.148 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.254 | 149  | 833996   | 56.241 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.889 | 149  | 1252964  | 56.208 | ng    | # 96     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.542 | 276  | 1275247  | 46.703 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.407 | 252  | 1207711  | 47.613 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.442 | 252  | 1203690  | 45.990 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.818 | 252  | 1110117  | 46.374 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.560 | 278  | 1042362  | 46.690 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 18.048 | 276  | 991499   | 43.559 | ng    | 99       |

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

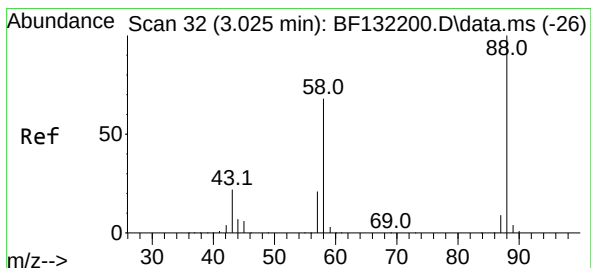
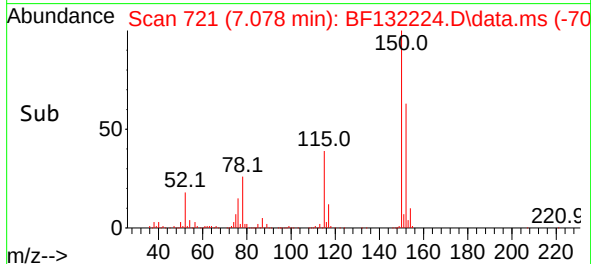
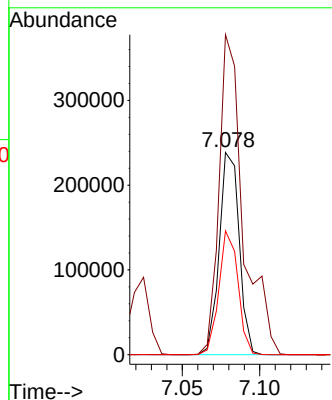
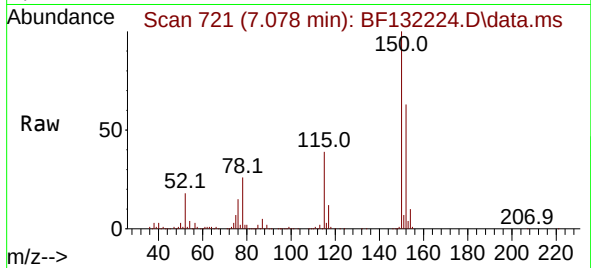




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.078 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF132224.D  
 Acq: 30 Jan 2023 22:26

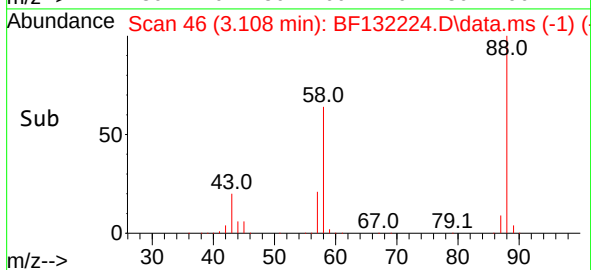
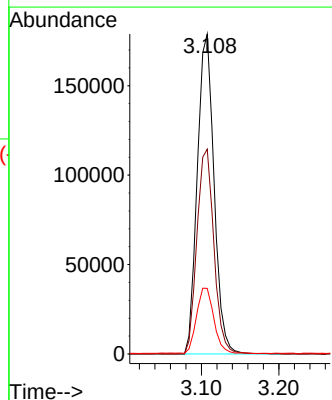
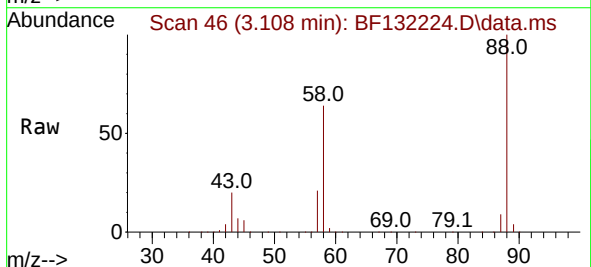
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11985MS

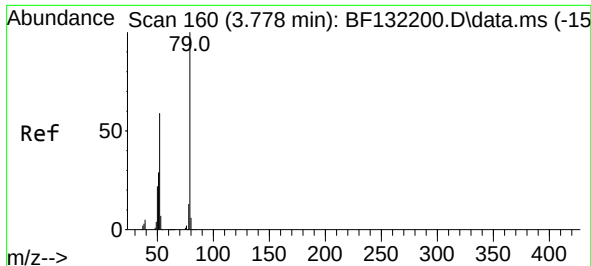
Tgt Ion:152 Resp: 213500  
 Ion Ratio Lower Upper  
 152 100  
 150 158.2 124.5 186.7  
 115 61.2 47.0 70.6



#2  
 1,4-Dioxane  
 Concen: 41.541 ng  
 RT: 3.108 min Scan# 46  
 Delta R.T. 0.082 min  
 Lab File: BF132224.D  
 Acq: 30 Jan 2023 22:26

Tgt Ion: 88 Resp: 268290  
 Ion Ratio Lower Upper  
 88 100  
 58 64.8 54.1 81.1  
 43 21.2 18.0 27.0

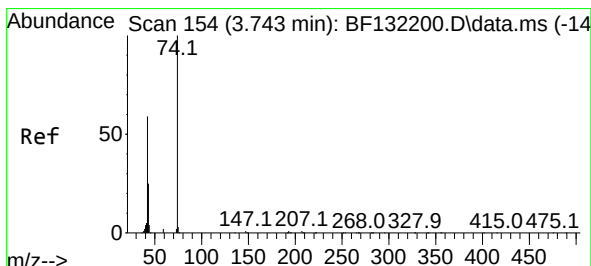
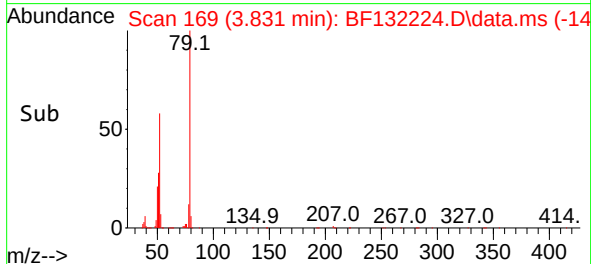
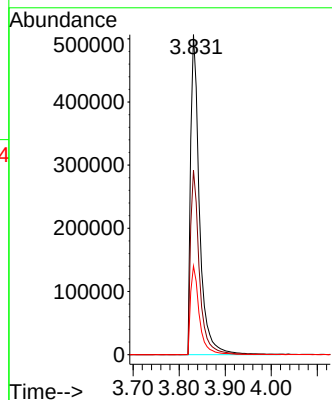
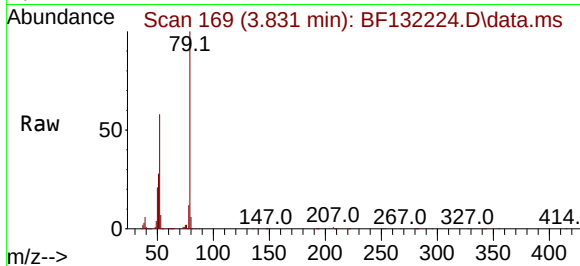




#3  
Pyridine  
Concen: 38.098 ng  
RT: 3.831 min Scan# 169  
Delta R.T. 0.053 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

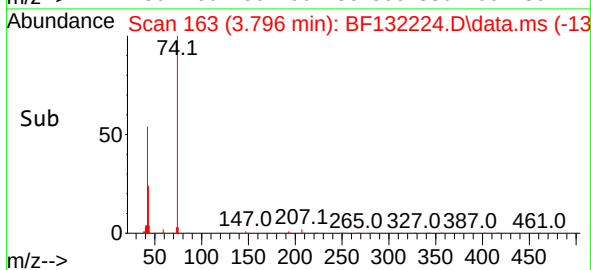
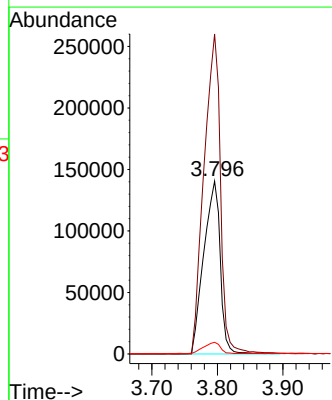
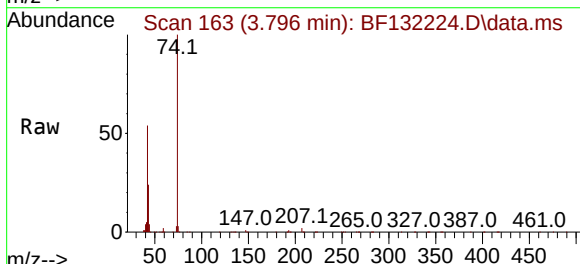
Instrument :  
BNA\_F  
ClientSampleId :  
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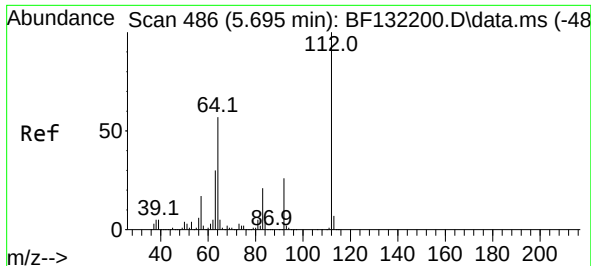
Tgt Ion: 79 Resp: 675788  
Ion Ratio Lower Upper  
79 100  
52 57.6 46.8 70.2  
51 27.7 23.0 34.6



#4  
n-Nitrosodimethylamine  
Concen: 41.481 ng  
RT: 3.796 min Scan# 163  
Delta R.T. 0.053 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion: 42 Resp: 246259  
Ion Ratio Lower Upper  
42 100  
74 185.1 135.3 202.9  
44 6.7 5.1 7.7

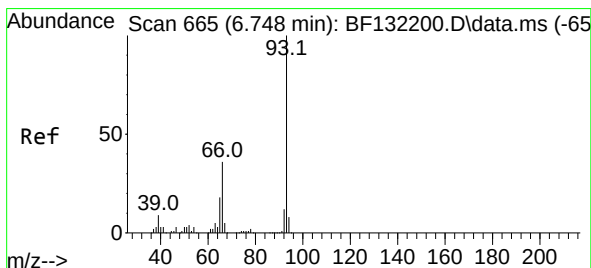
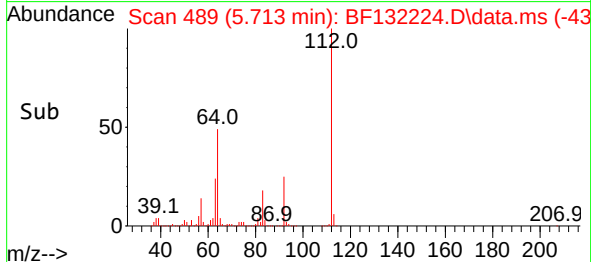
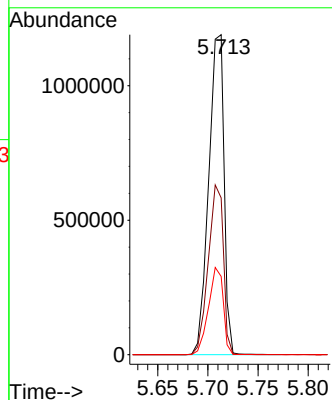
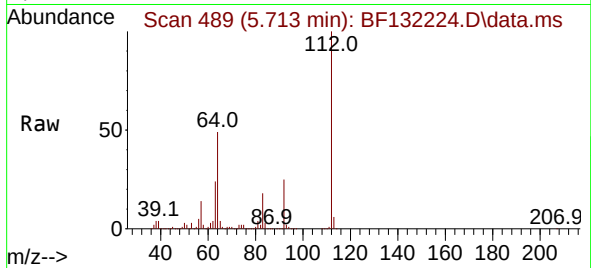




#5  
2-Fluorophenol  
Concen: 99.114 ng  
RT: 5.713 min Scan# 486  
Delta R.T. 0.018 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

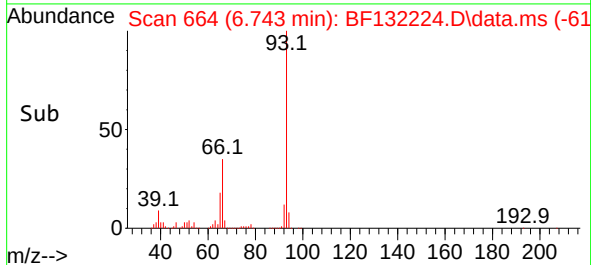
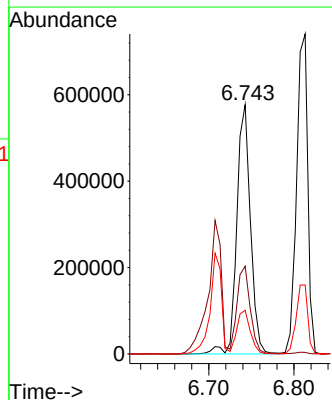
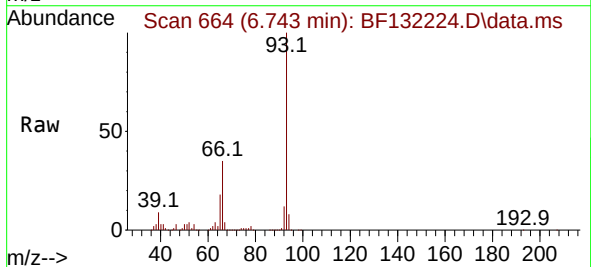
Instrument :  
BNA\_F  
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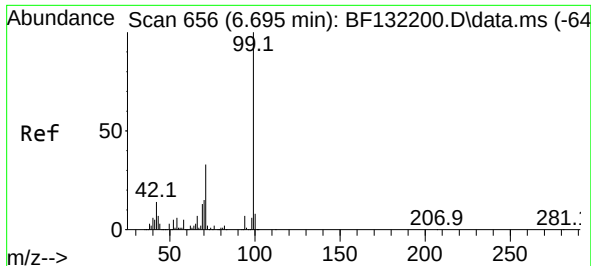
Tgt Ion:112 Resp: 1271829  
Ion Ratio Lower Upper  
112 100  
64 49.0 45.5 68.3  
63 24.5 23.7 35.5



#6  
Aniline  
Concen: 28.495 ng  
RT: 6.743 min Scan# 664  
Delta R.T. -0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion: 93 Resp: 641994  
Ion Ratio Lower Upper  
93 100  
66 35.2 28.7 43.1  
65 17.5 14.7 22.1



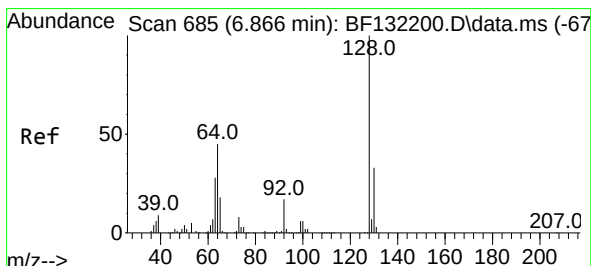
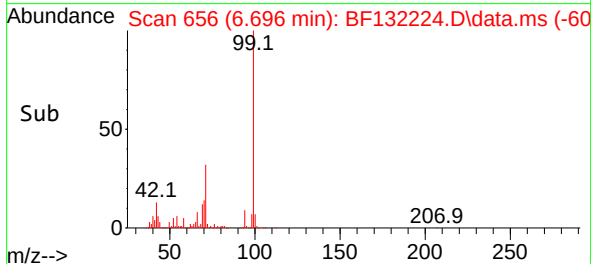
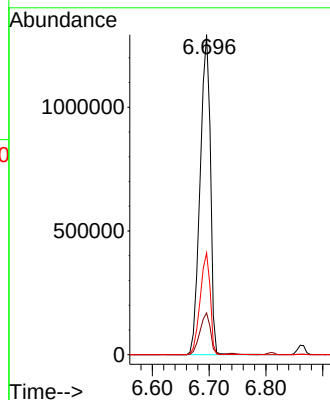
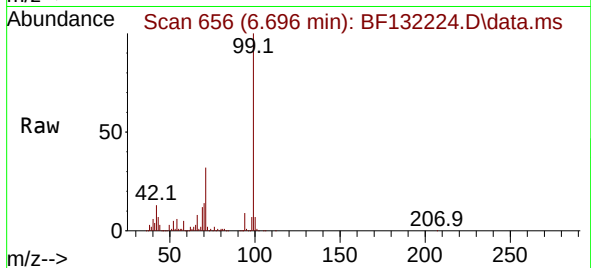


#7  
Phenol-d6  
Concen: 101.479 ng  
RT: 6.696 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

Tgt Ion: 99 Resp: 1632749

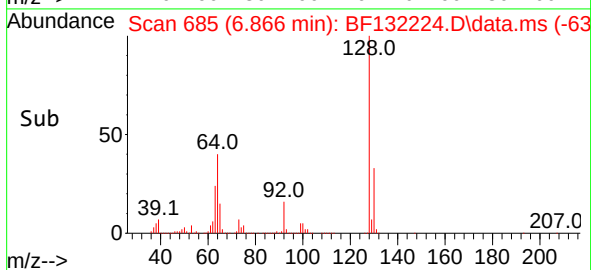
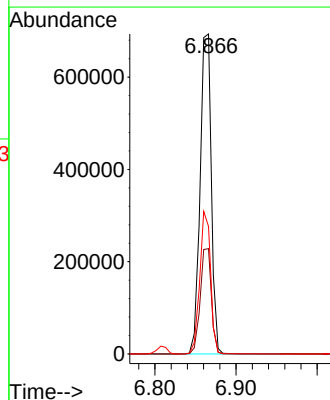
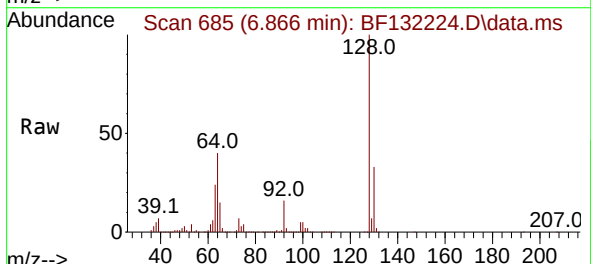
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.0  | 11.3  | 16.9  |
| 71  | 31.8  | 26.3  | 39.5  |

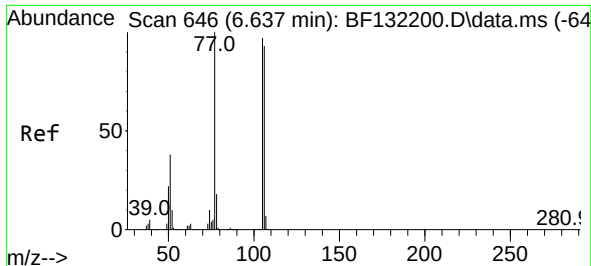


#8  
2-Chlorophenol  
Concen: 51.931 ng  
RT: 6.866 min Scan# 685  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion: 128 Resp: 668166

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.9  | 12.8  | 52.8  |
| 64  | 39.9  | 25.7  | 65.7  |

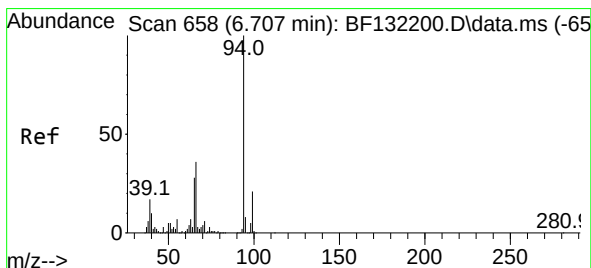
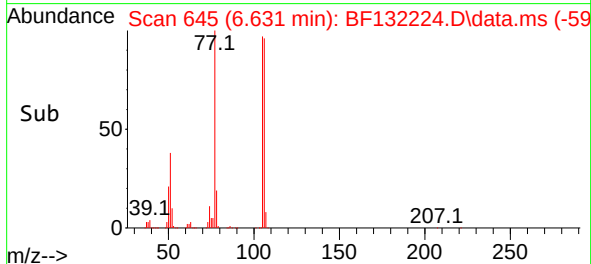
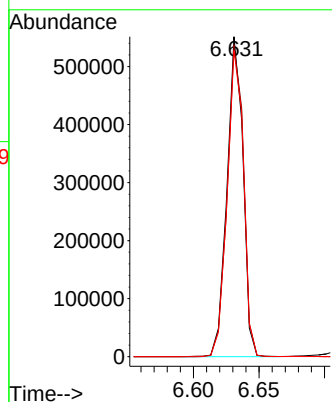
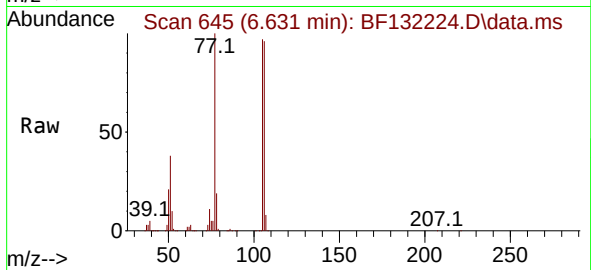




#9  
Benzaldehyde  
Concen: 58.758 ng  
RT: 6.631 min Scan# 646  
Delta R.T. -0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

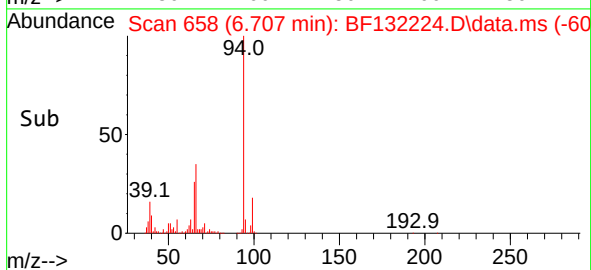
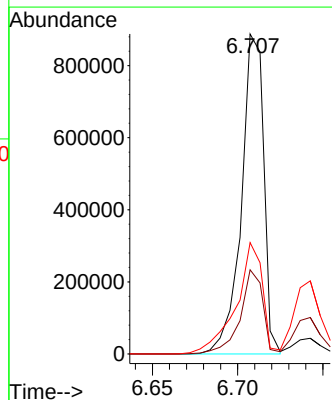
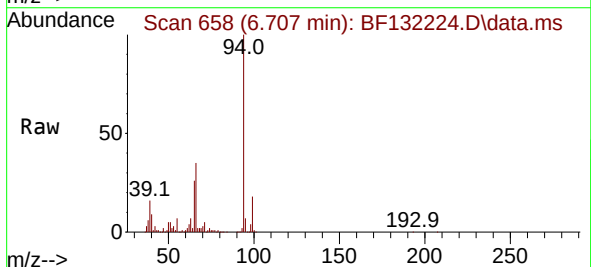
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

Tgt Ion: 77 Resp: 467055  
Ion Ratio Lower Upper  
77 100  
105 97.5 77.0 117.0  
106 95.7 73.2 113.2

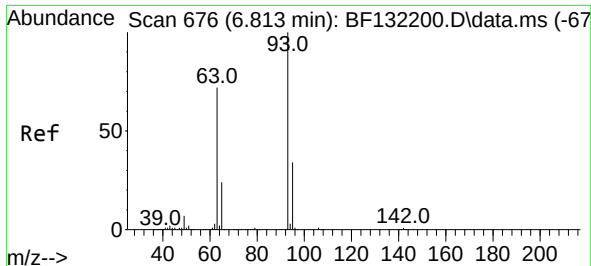


#10  
Phenol  
Concen: 48.382 ng  
RT: 6.707 min Scan# 658  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion: 94 Resp: 810383  
Ion Ratio Lower Upper  
94 100  
65 26.3 7.6 47.6  
66 34.8 16.3 56.3







#11

bis(2-Chloroethyl)ether

Concen: 46.499 ng

RT: 6.813 min Scan# 6

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Instrument :

BNA\_F

ClientSampleId :

72-11985MS

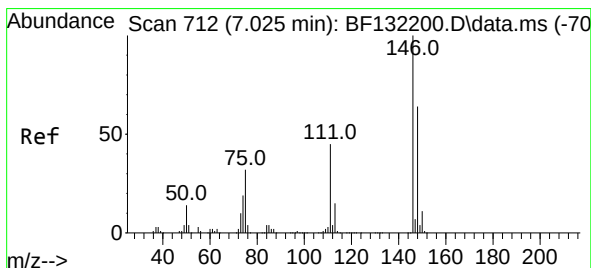
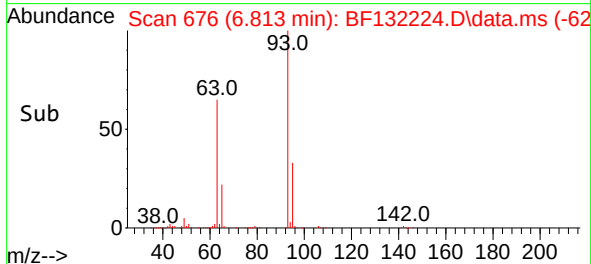
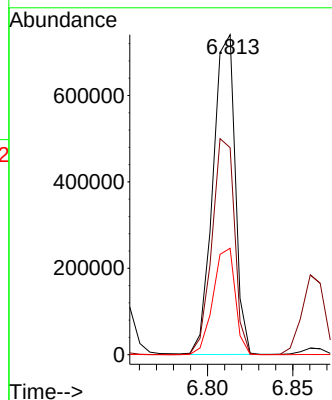
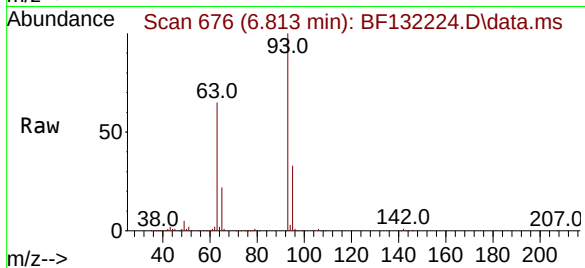
Tgt Ion: 93 Resp: 671831

Ion Ratio Lower Upper

93 100

63 64.7 52.2 92.2

95 33.2 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 48.879 ng

RT: 7.025 min Scan# 712

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

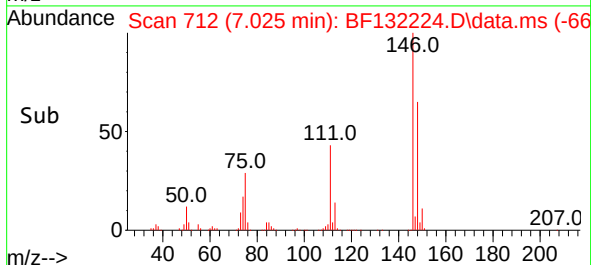
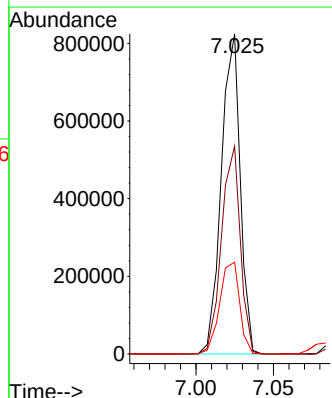
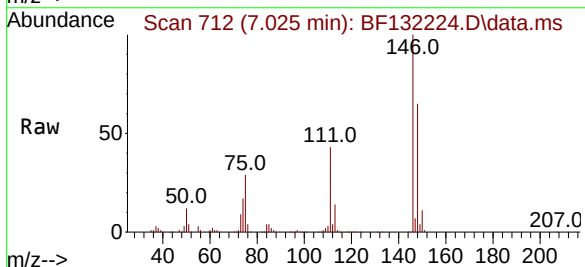
Tgt Ion:146 Resp: 699156

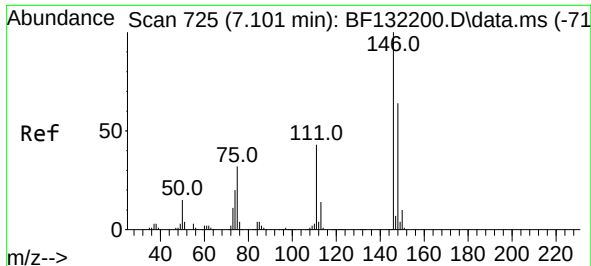
Ion Ratio Lower Upper

146 100

148 65.0 51.3 76.9

75 28.7 25.4 38.2

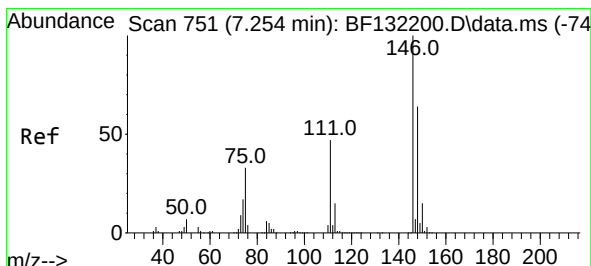
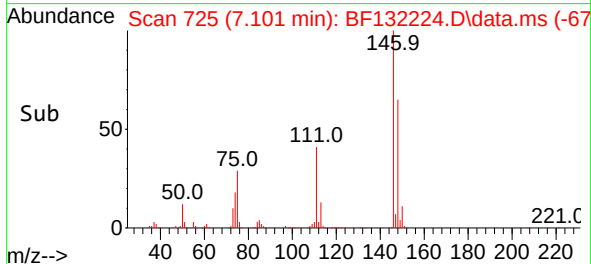
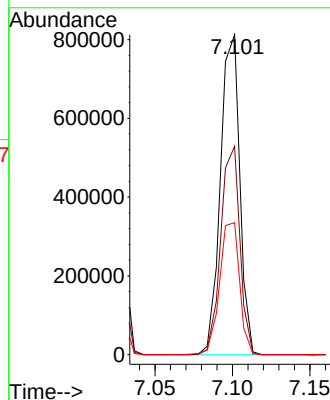
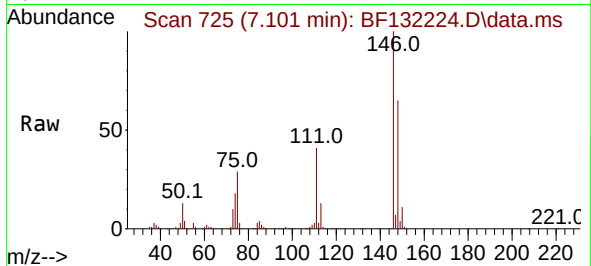




#13  
1,4-Dichlorobenzene  
Concen: 49.434 ng  
RT: 7.101 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

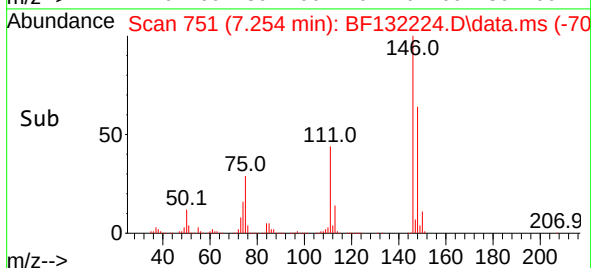
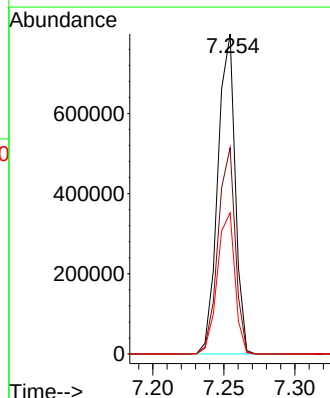
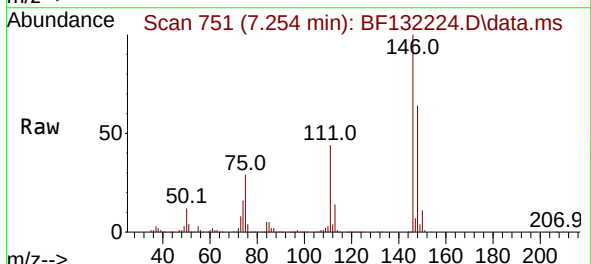
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

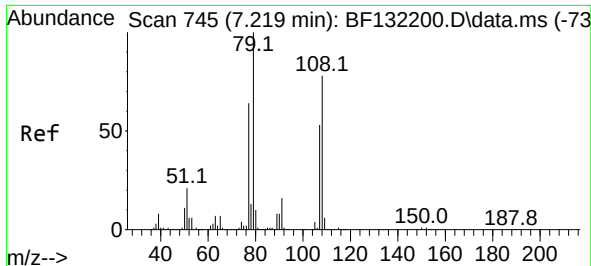
Tgt Ion:146 Resp: 704909  
Ion Ratio Lower Upper  
146 100  
148 65.1 50.9 76.3  
111 41.2 34.2 51.4



#14  
1,2-Dichlorobenzene  
Concen: 51.125 ng  
RT: 7.254 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:146 Resp: 677248  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.5 77.3  
111 44.1 37.5 56.3

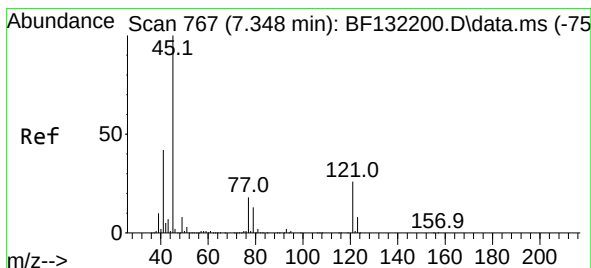
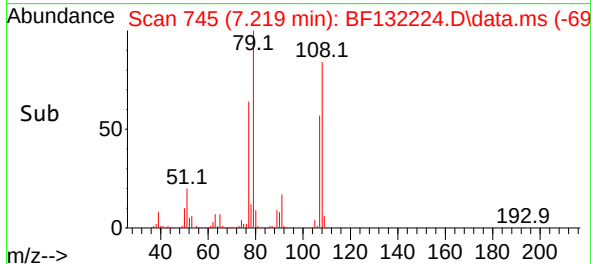
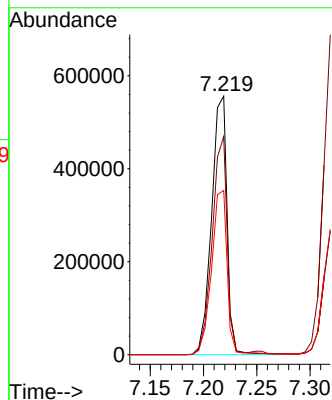
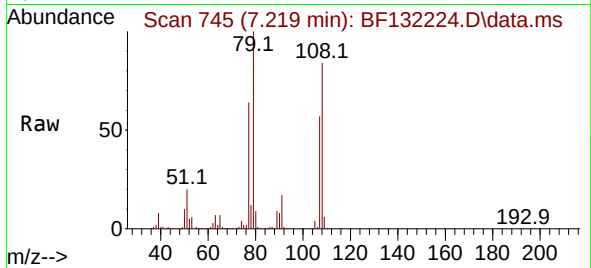




#15  
Benzyl Alcohol  
Concen: 47.585 ng  
RT: 7.219 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

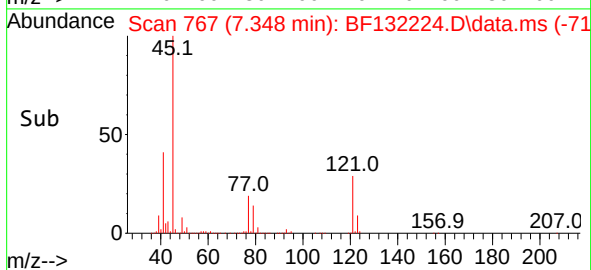
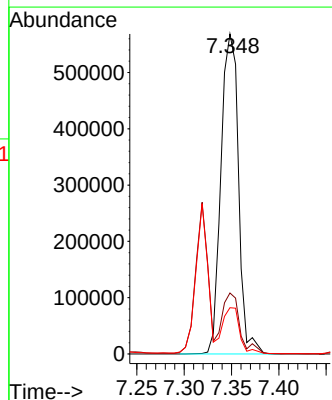
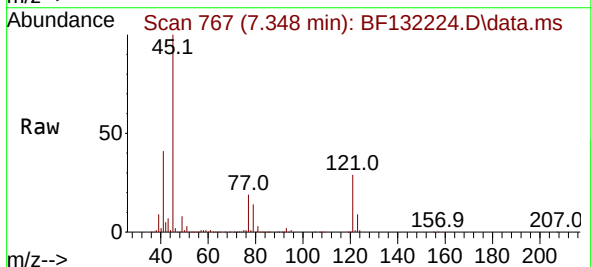
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

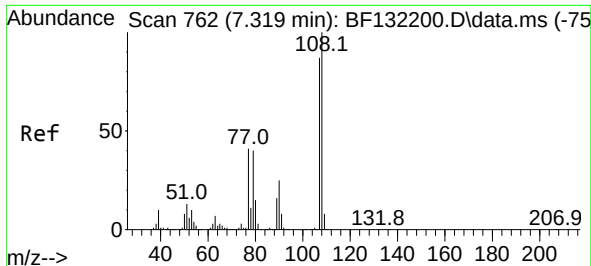
Tgt Ion: 79 Resp: 562578  
Ion Ratio Lower Upper  
79 100  
108 84.3 62.2 93.4  
77 63.6 51.5 77.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.663 ng  
RT: 7.348 min Scan# 767  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion: 45 Resp: 732822  
Ion Ratio Lower Upper  
45 100  
77 19.0 0.0 38.0  
79 14.5 0.0 32.9

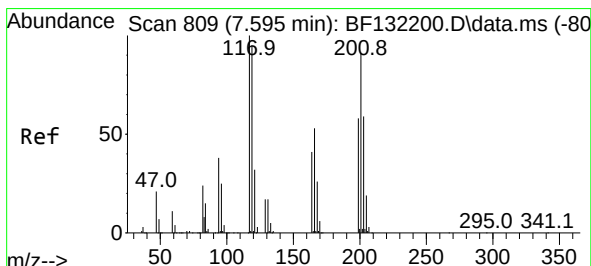
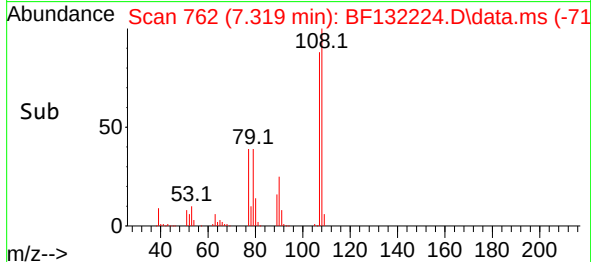
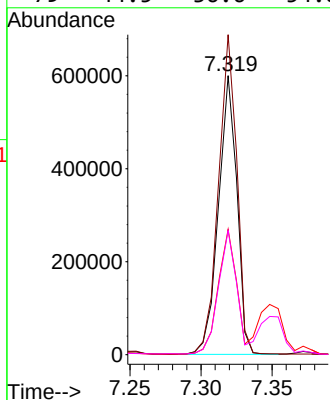
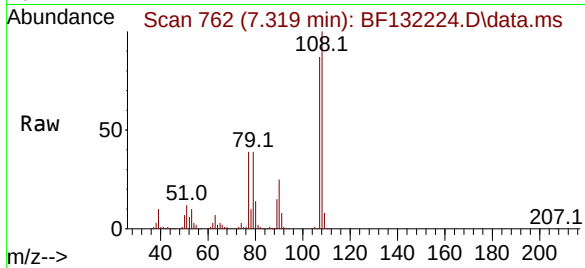




#17  
2-Methylphenol  
Concen: 46.132 ng  
RT: 7.319 min Scan# 762  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

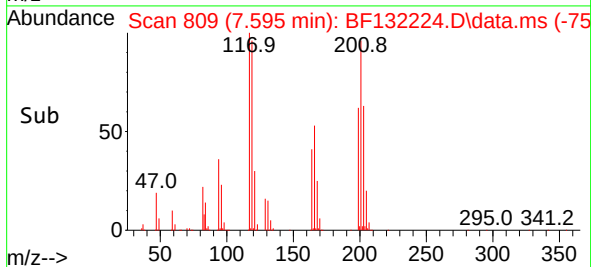
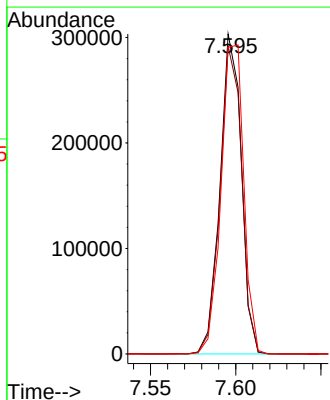
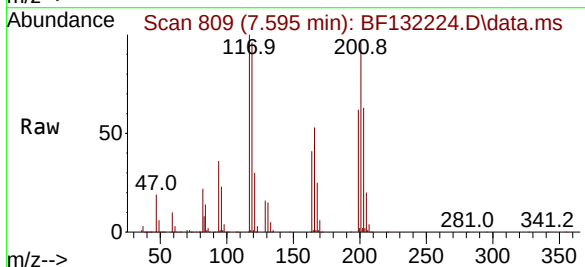
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

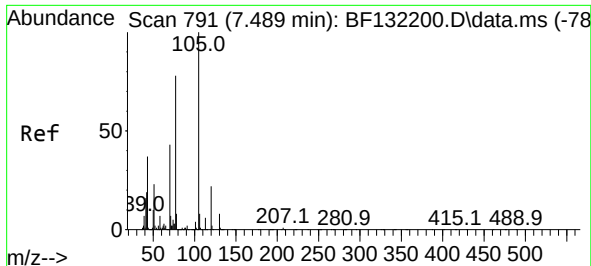
Tgt Ion:107 Resp: 539681  
Ion Ratio Lower Upper  
107 100  
108 114.7 92.2 138.4  
77 44.9 37.5 56.3  
79 44.5 36.6 54.8



#18  
Hexachloroethane  
Concen: 50.469 ng  
RT: 7.595 min Scan# 809  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:117 Resp: 264443  
Ion Ratio Lower Upper  
117 100  
119 96.3 76.0 114.0  
201 95.8 72.9 109.3

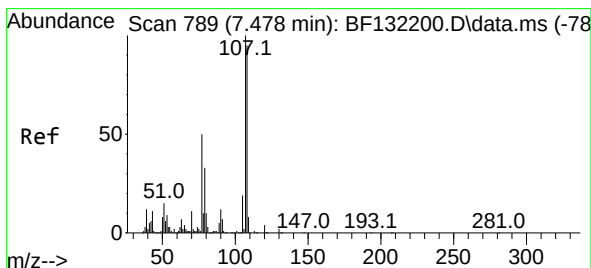
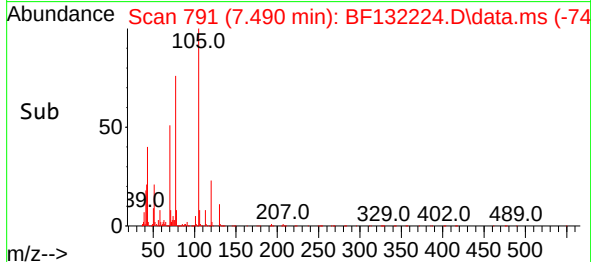
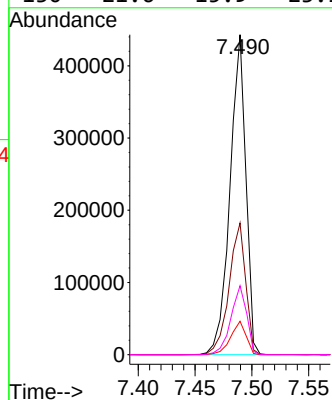
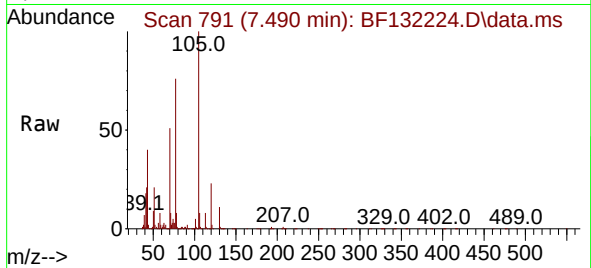




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.393 ng  
RT: 7.490 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

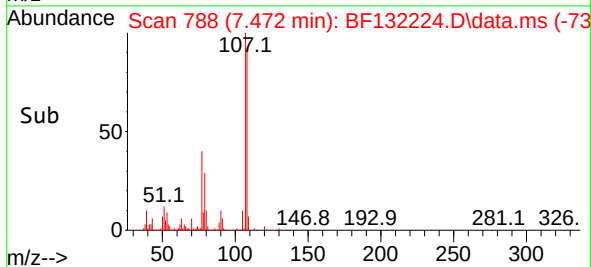
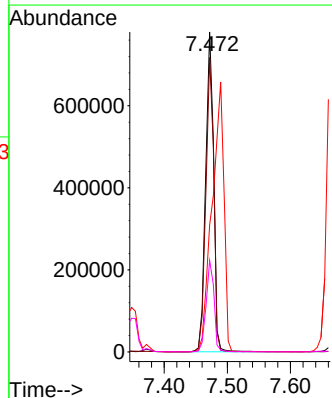
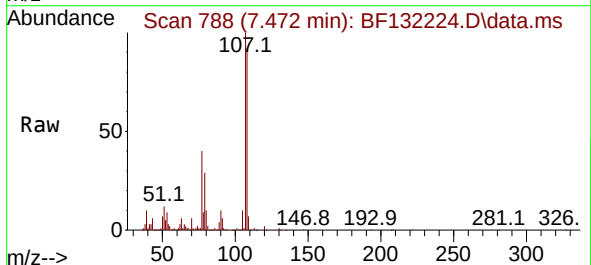
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

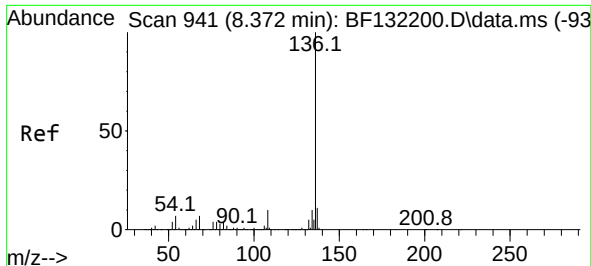
Tgt Ion: 70 Resp: 429903  
Ion Ratio Lower Upper  
70 100  
42 41.2 36.2 54.4  
101 10.5 7.9 11.9  
130 21.6 15.9 23.9



#20  
3+4-Methylphenols  
Concen: 46.755 ng  
RT: 7.472 min Scan# 788  
Delta R.T. -0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion: 107 Resp: 687435  
Ion Ratio Lower Upper  
107 100  
108 92.0 75.1 115.1  
77 39.7 29.6 69.6  
79 28.6 12.8 52.8

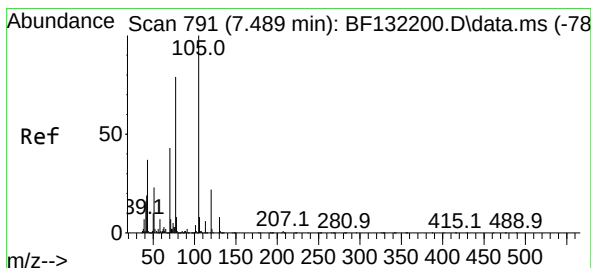
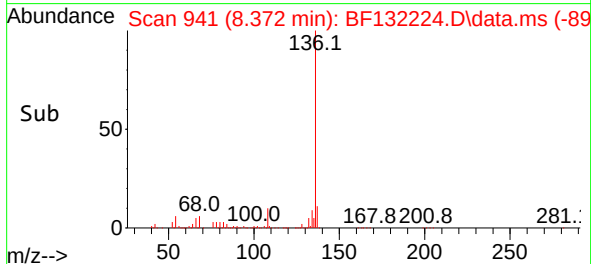
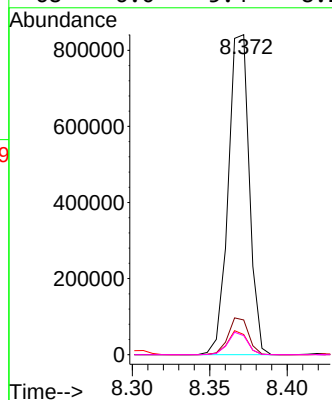
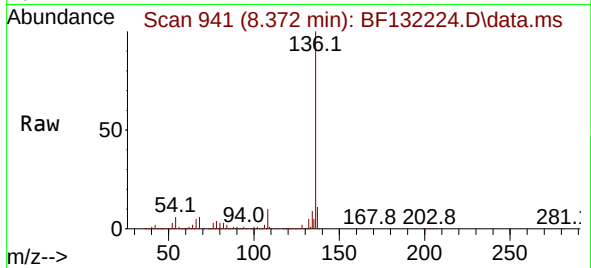




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.372 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

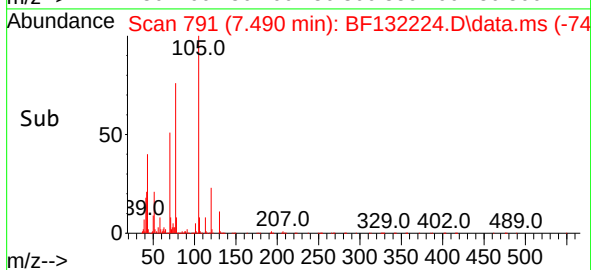
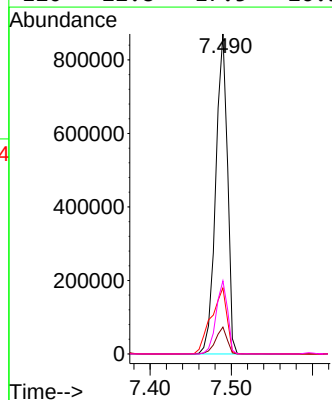
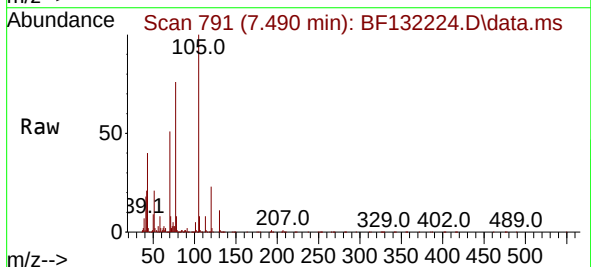
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

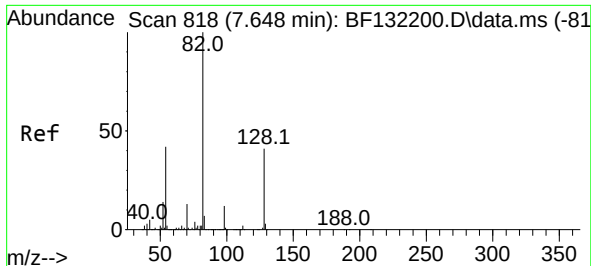
Tgt Ion:136 Resp: 793482  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.4  
54 6.3 5.4 8.2  
68 6.0 5.4 8.2



#22  
Acetophenone  
Concen: 44.855 ng  
RT: 7.490 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:105 Resp: 870222  
Ion Ratio Lower Upper  
105 100  
71 8.4 5.7 8.5  
51 20.7 18.1 27.1  
120 22.8 17.5 26.3

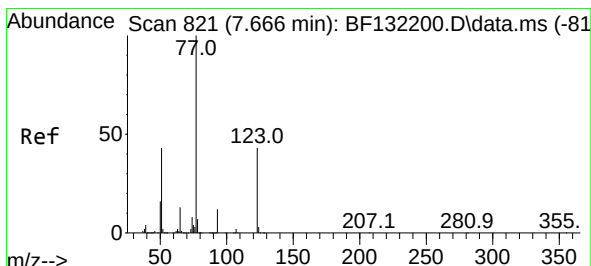
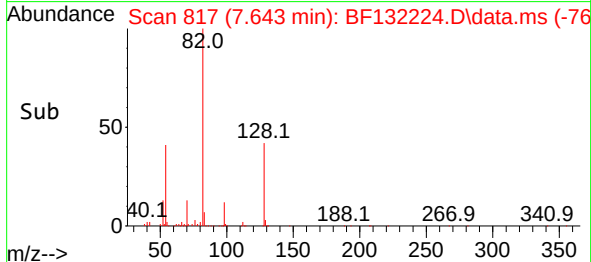
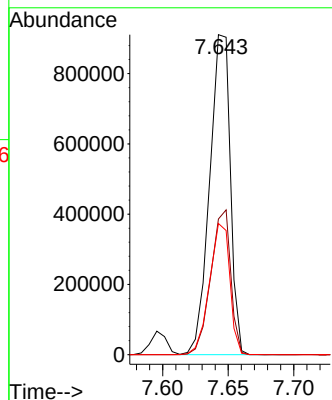
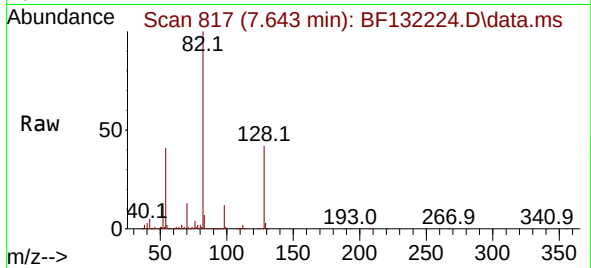




#23  
Nitrobenzene-d5  
Concen: 66.169 ng  
RT: 7.643 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

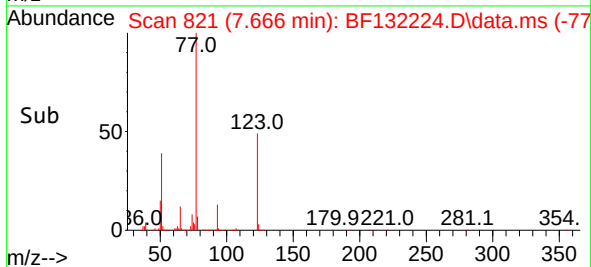
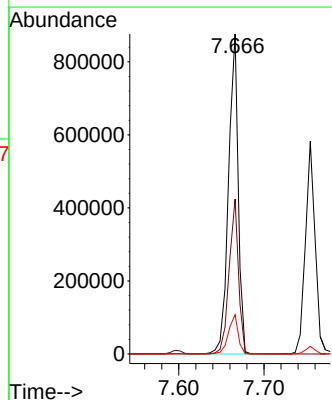
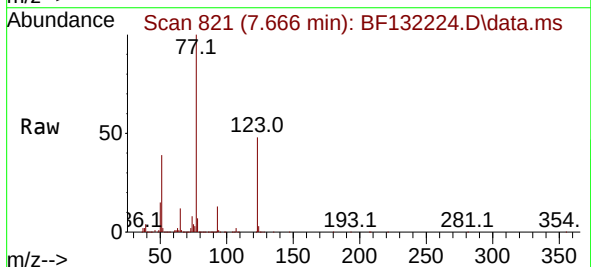
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

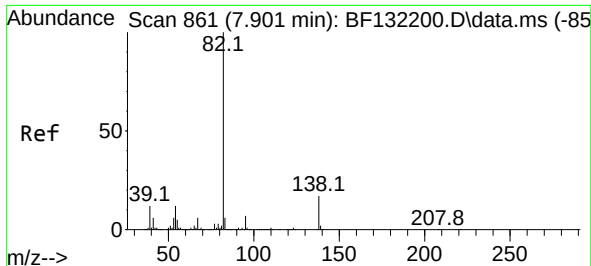
Tgt Ion: 82 Resp: 1002886  
Ion Ratio Lower Upper  
82 100  
128 42.4 32.7 49.1  
54 41.0 33.3 49.9



#24  
Nitrobenzene  
Concen: 44.199 ng  
RT: 7.666 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion: 77 Resp: 692598  
Ion Ratio Lower Upper  
77 100  
123 48.4 34.8 52.2  
65 12.3 10.5 15.7

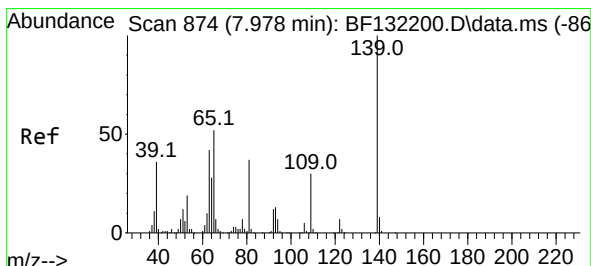
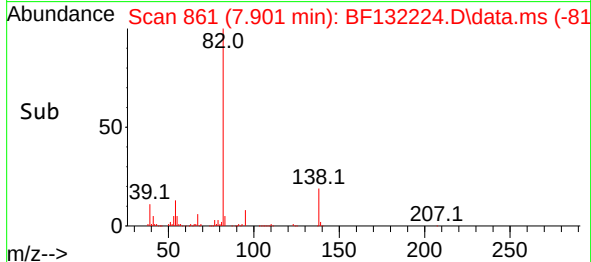
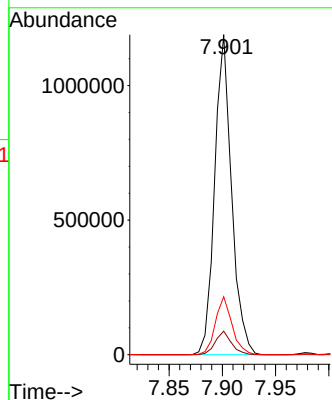
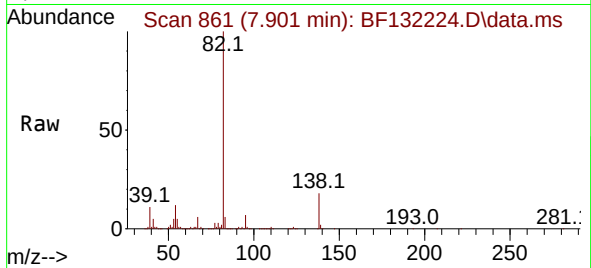




#25  
Isophorone  
Concen: 44.824 ng  
RT: 7.901 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

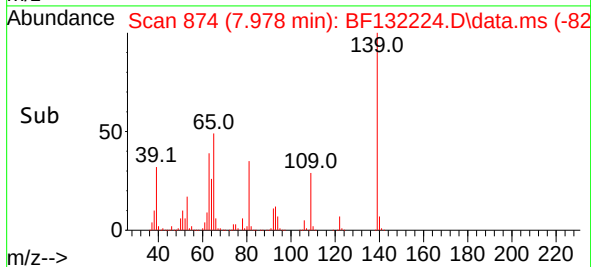
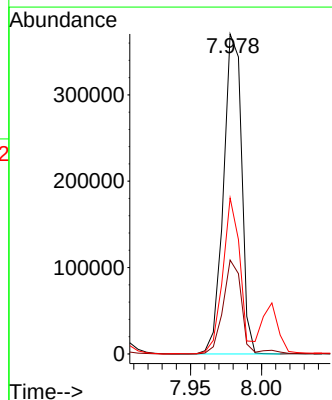
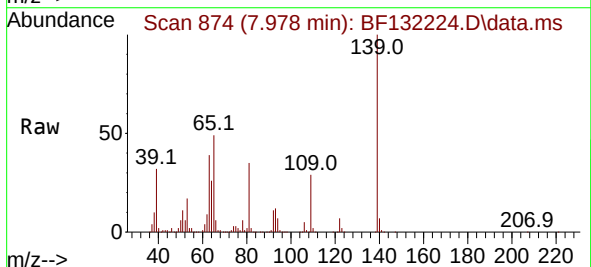
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

Tgt Ion: 82 Resp: 1306553  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.6 8.4  
138 18.1 13.4 20.0

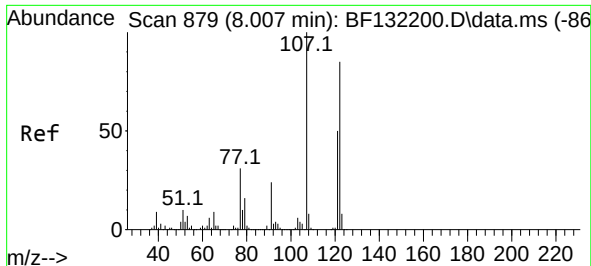


#26  
2-Nitrophenol  
Concen: 51.521 ng  
RT: 7.978 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:139 Resp: 329232  
Ion Ratio Lower Upper  
139 100  
109 29.4 24.2 36.4  
65 48.7 41.6 62.4



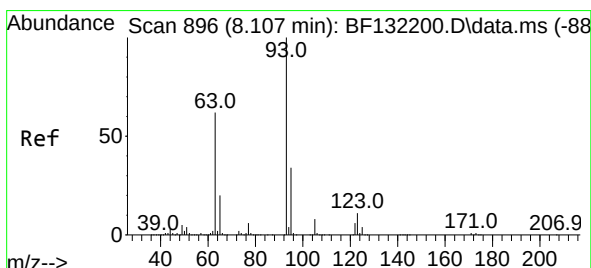
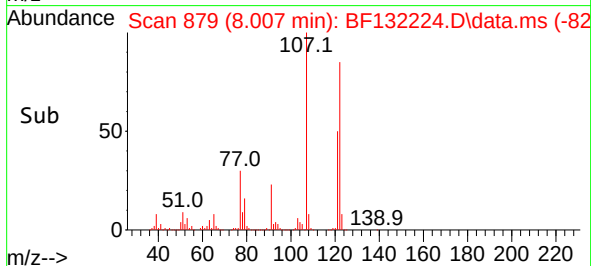
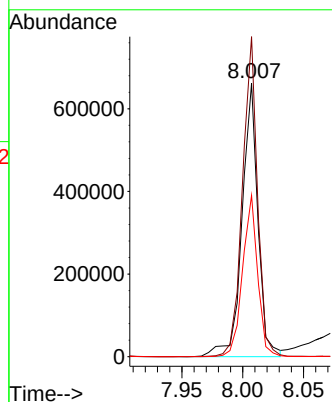
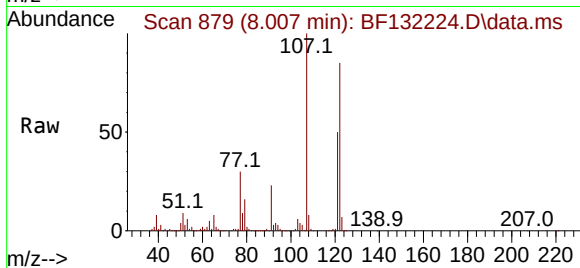




#27  
2,4-Dimethylphenol  
Concen: 49.436 ng  
RT: 8.007 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

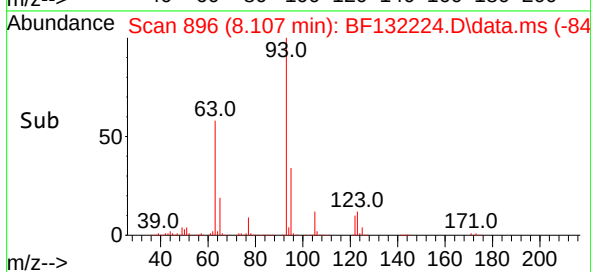
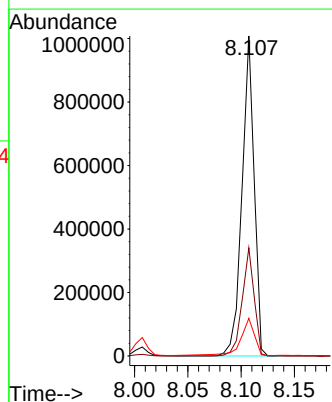
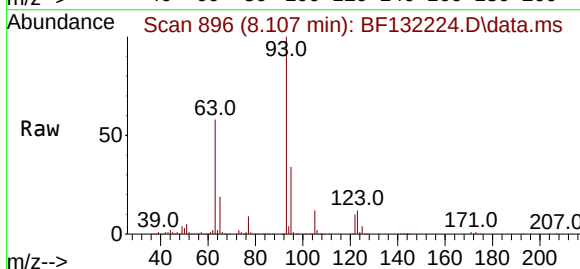
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

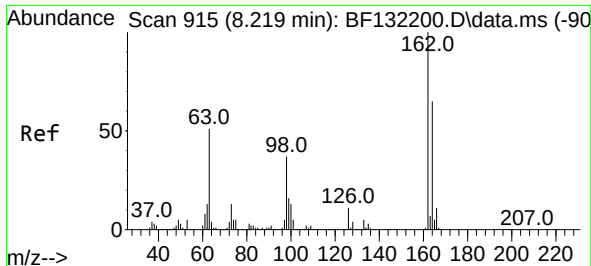
Tgt Ion:122 Resp: 602581  
Ion Ratio Lower Upper  
122 100  
107 117.0 94.1 141.1  
121 59.0 46.6 70.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.711 ng  
RT: 8.107 min Scan# 896  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion: 93 Resp: 802377  
Ion Ratio Lower Upper  
93 100  
95 33.8 27.0 40.4  
123 11.8 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 49.006 ng

RT: 8.219 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Instrument :

BNA\_F

ClientSampleId :

72-11985MS

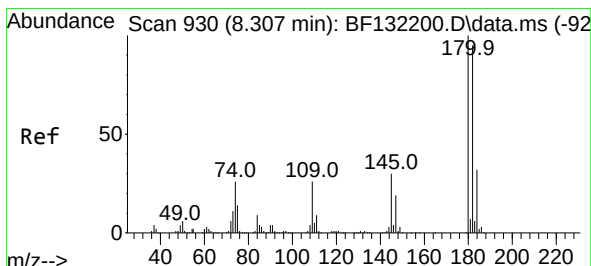
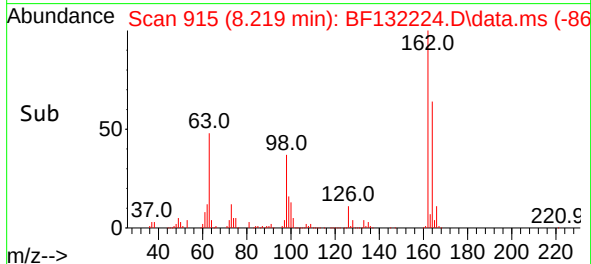
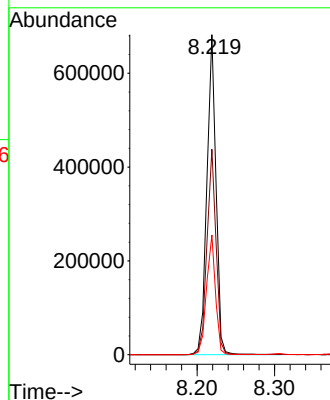
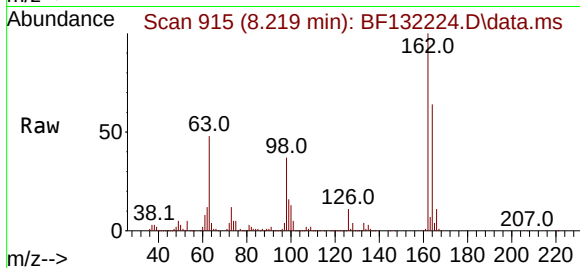
Tgt Ion:162 Resp: 557761

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

98 37.4 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 47.363 ng

RT: 8.307 min Scan# 930

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

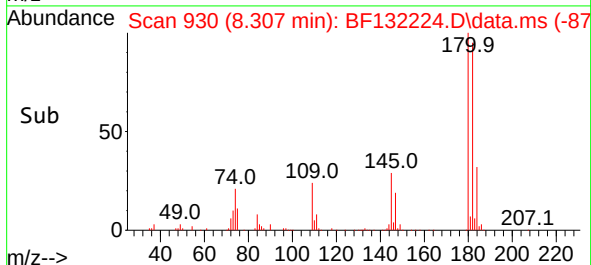
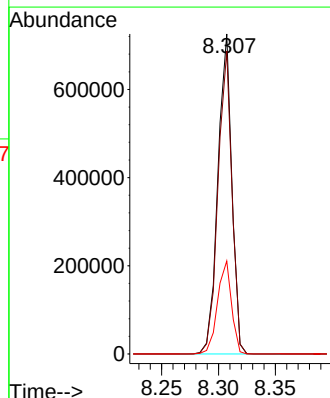
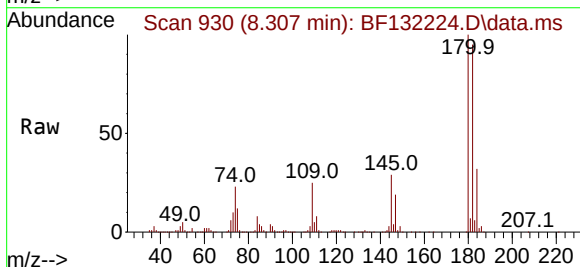
Tgt Ion:180 Resp: 619269

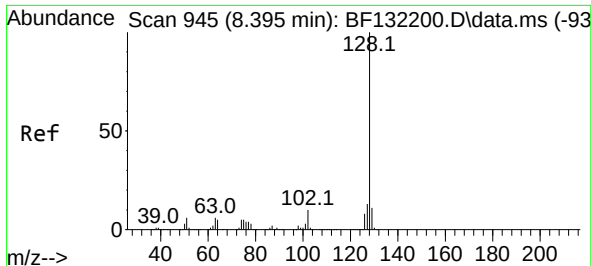
Ion Ratio Lower Upper

180 100

182 94.7 75.7 113.5

145 29.0 23.9 35.9

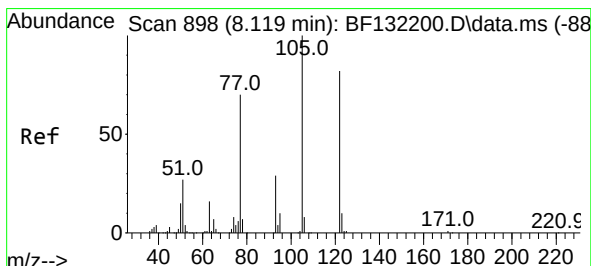
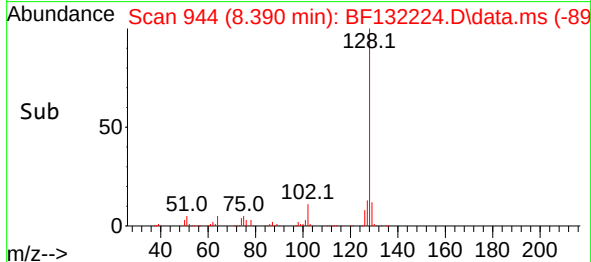
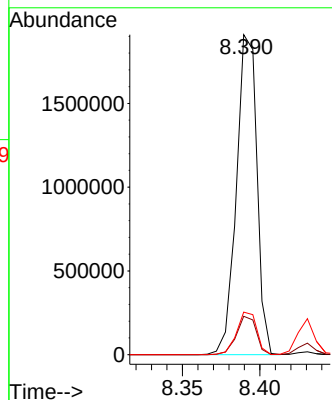
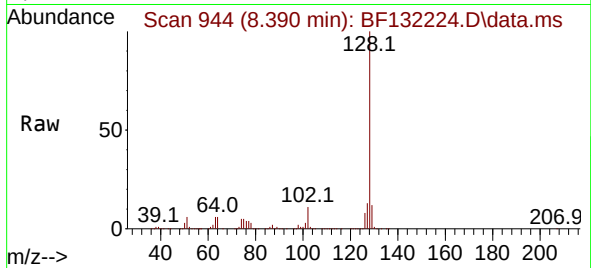




#31  
Naphthalene  
Concen: 44.827 ng  
RT: 8.390 min Scan# 945  
Delta R.T. -0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

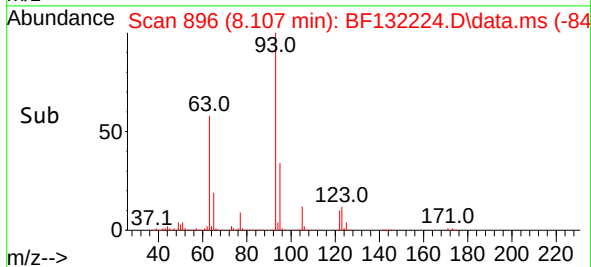
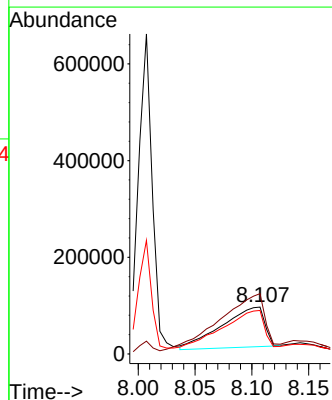
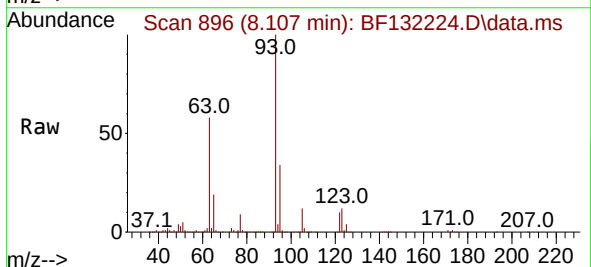
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

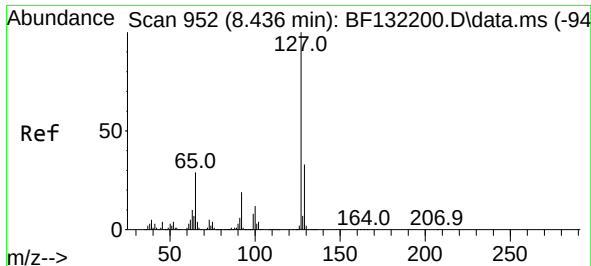
Tgt Ion:128 Resp: 1759934  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.0 13.6  
127 13.3 10.6 16.0



#32  
Benzoic acid  
Concen: 30.098 ng  
RT: 8.107 min Scan# 896  
Delta R.T. -0.012 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:122 Resp: 219705  
Ion Ratio Lower Upper  
122 100  
105 128.6 101.5 141.5  
77 92.7 66.5 106.5

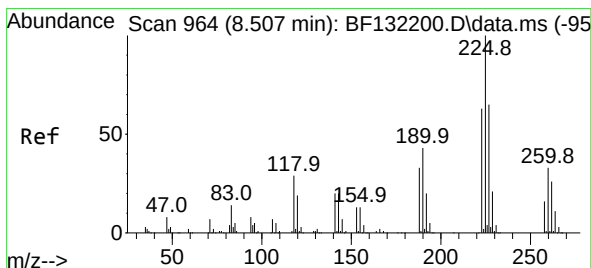
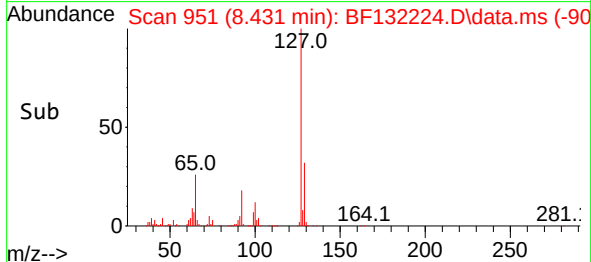
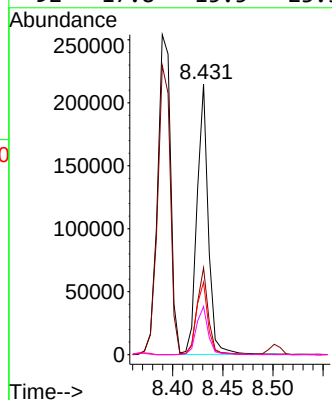
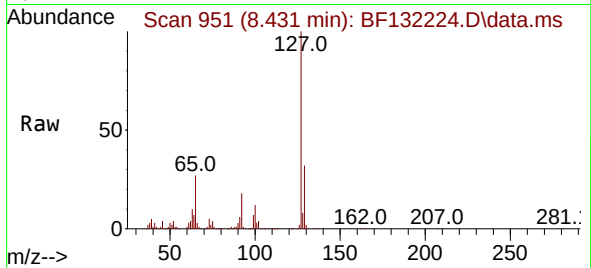




#33  
4-Chloroaniline  
Concen: 9.872 ng  
RT: 8.431 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

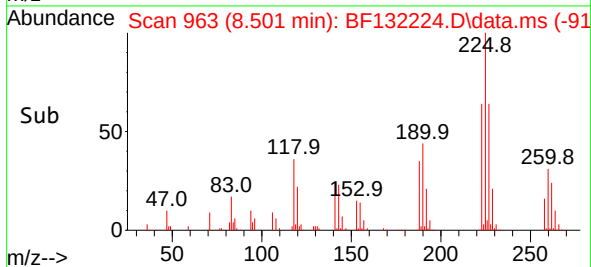
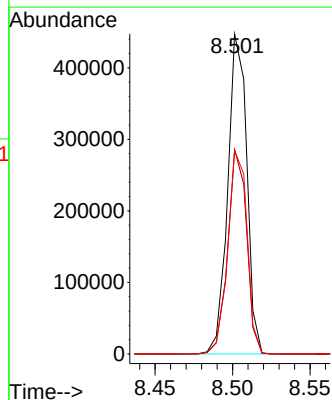
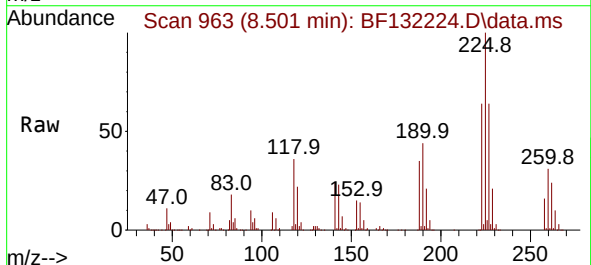
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

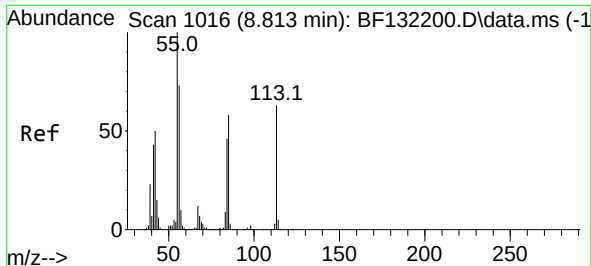
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 168025 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.1    | 26.6 39.8    |
| 65 26.8     | 22.9 34.3    |
| 92 17.8     | 15.5 23.3    |



#34  
Hexachlorobutadiene  
Concen: 46.735 ng  
RT: 8.501 min Scan# 963  
Delta R.T. -0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 381715 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 63.8    | 50.2 75.2    |
| 227 63.6    | 52.1 78.1    |

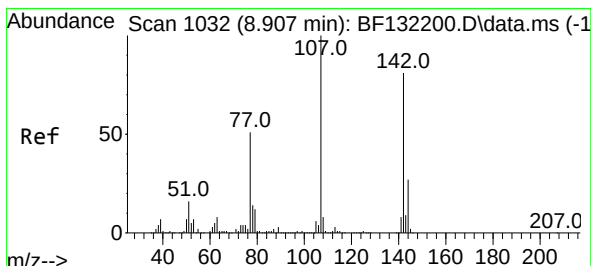
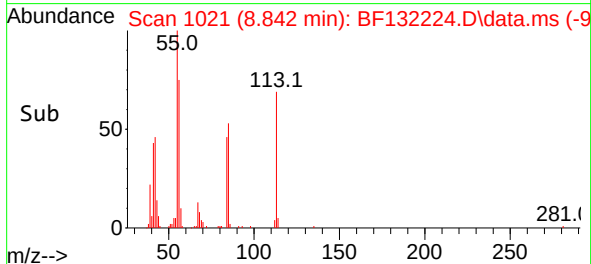
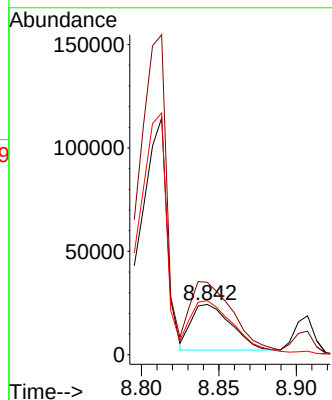
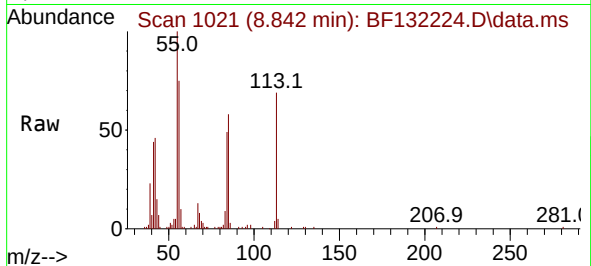




#35  
Caprolactam  
Concen: 12.169 ng  
RT: 8.842 min Scan# 1021  
Delta R.T. 0.029 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

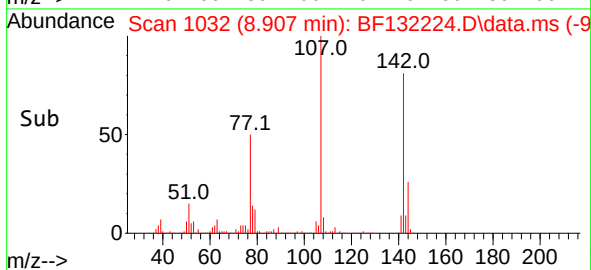
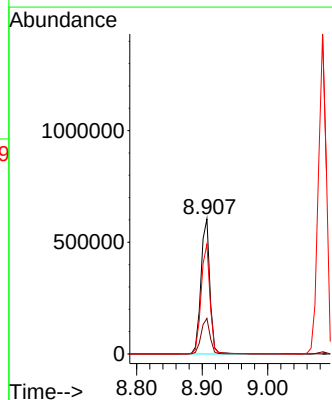
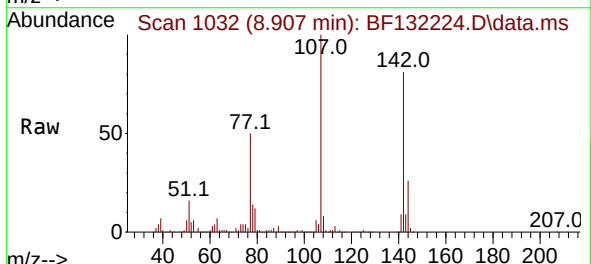
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

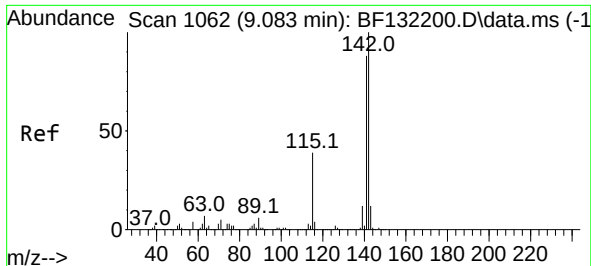
Tgt Ion:113 Resp: 39215  
Ion Ratio Lower Upper  
113 100  
55 144.1 138.7 178.7  
56 107.7 96.5 136.5



#36  
4-Chloro-3-methylphenol  
Concen: 49.334 ng  
RT: 8.907 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:107 Resp: 574985  
Ion Ratio Lower Upper  
107 100  
144 26.3 21.6 32.4  
142 81.3 64.8 97.2





#37

2-Methylnaphthalene

Concen: 44.717 ng

RT: 9.084 min Scan# 1062

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Instrument :

BNA\_F

ClientSampleId :

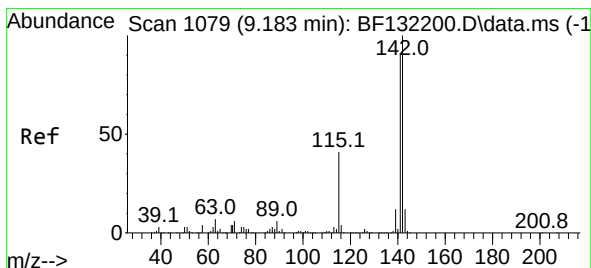
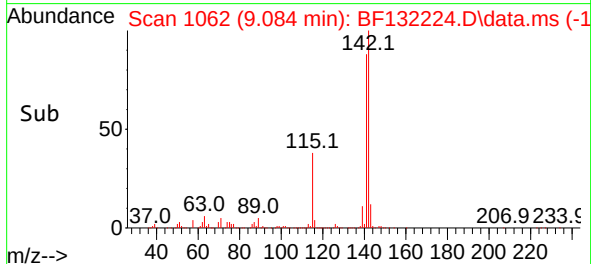
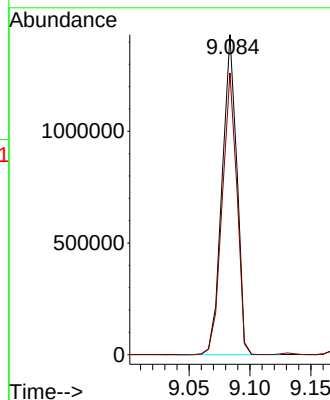
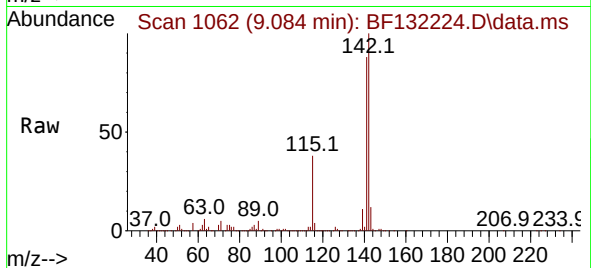
72-11985MS

Tgt Ion:142 Resp: 1204581

Ion Ratio Lower Upper

142 100

141 88.0 70.0 105.0



#38

1-Methylnaphthalene

Concen: 44.674 ng

RT: 9.184 min Scan# 1079

Delta R.T. 0.000 min

Lab File: BF132224.D

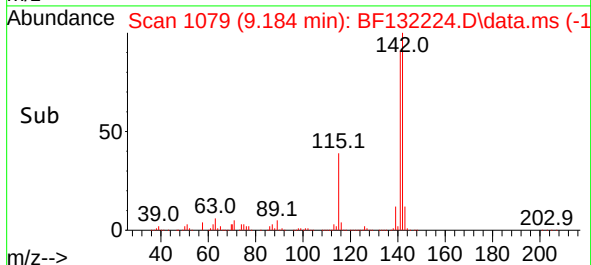
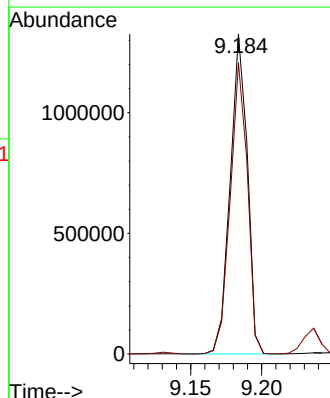
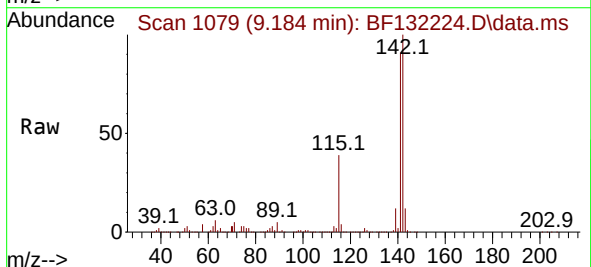
Acq: 30 Jan 2023 22:26

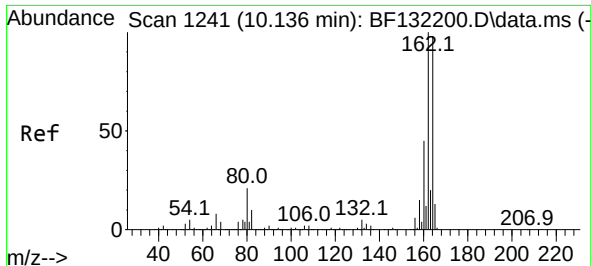
Tgt Ion:142 Resp: 1116336

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.4

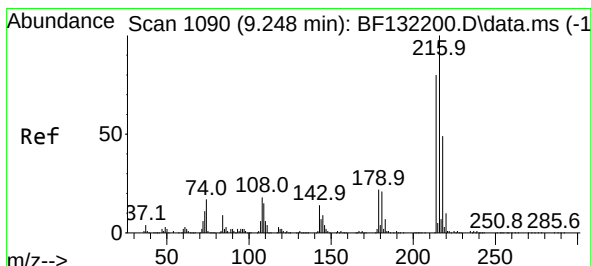
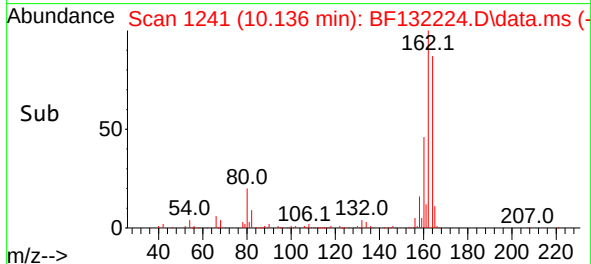
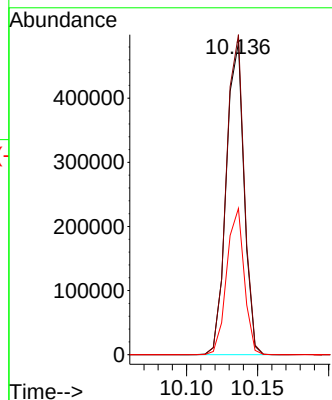
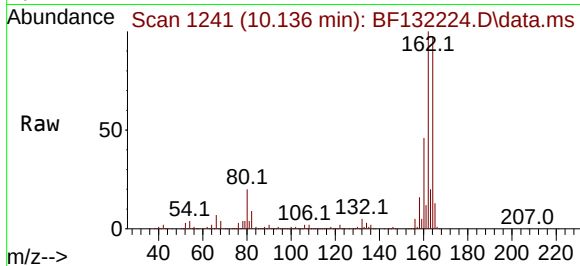




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.136 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

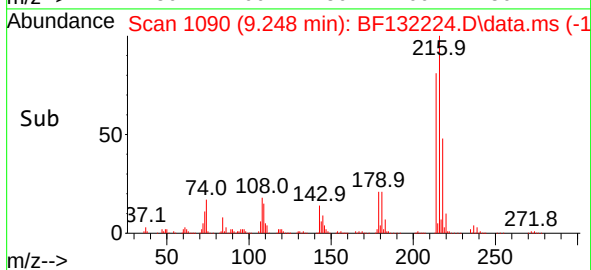
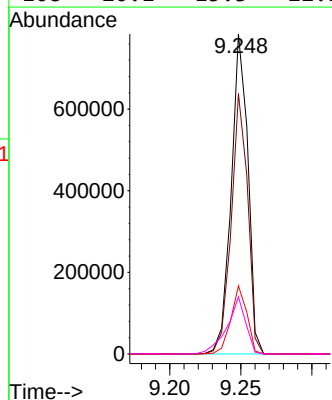
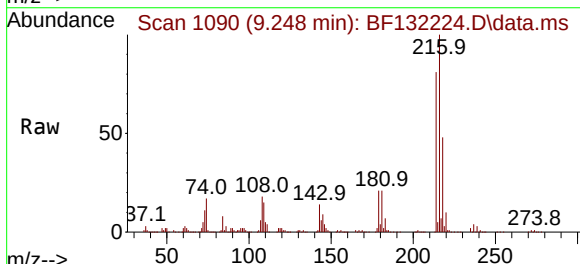
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

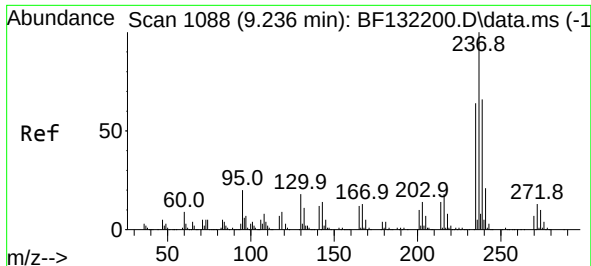
Tgt Ion:164 Resp: 424756  
Ion Ratio Lower Upper  
164 100  
162 102.6 81.5 122.3  
160 46.9 37.0 55.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.883 ng  
RT: 9.248 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:216 Resp: 639795  
Ion Ratio Lower Upper  
216 100  
214 80.2 63.4 95.2  
179 20.5 16.8 25.2  
108 20.1 15.3 22.9

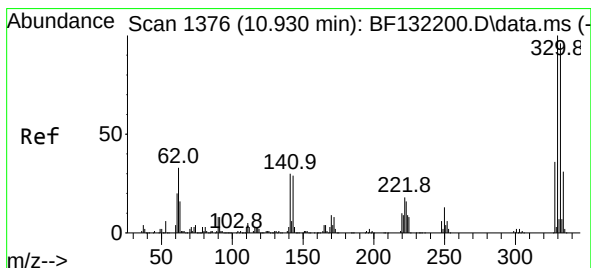
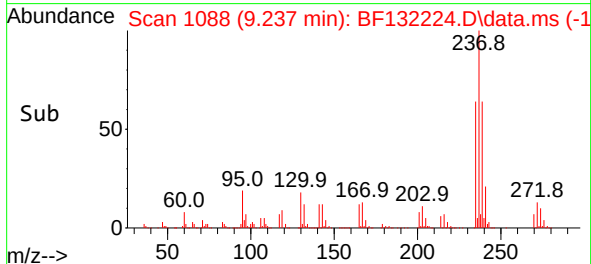
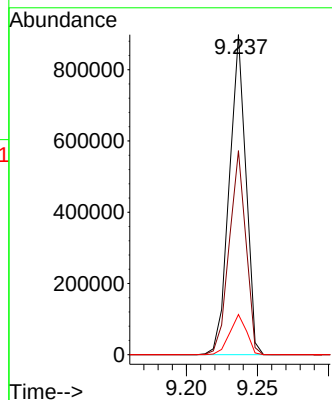
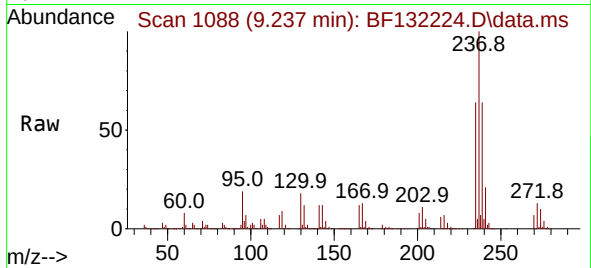




#41  
Hexachlorocyclopentadiene  
Concen: 100.786 ng  
RT: 9.237 min Scan# 1088  
Delta R.T. 0.001 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

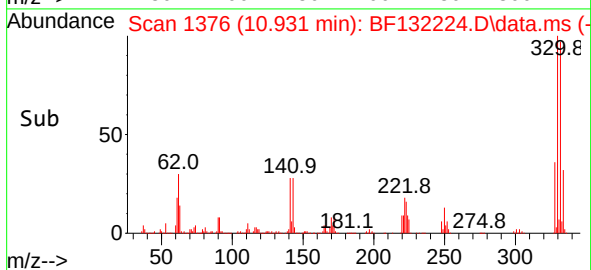
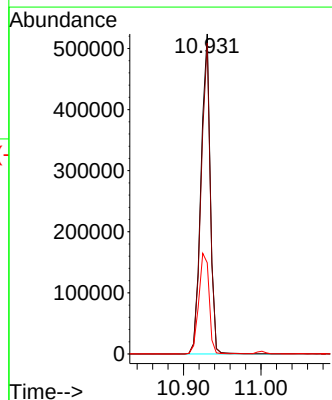
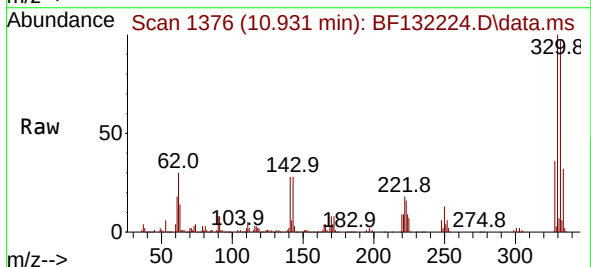
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

Tgt Ion:237 Resp: 729738  
Ion Ratio Lower Upper  
237 100  
235 63.7 43.9 83.9  
272 12.6 0.0 32.6

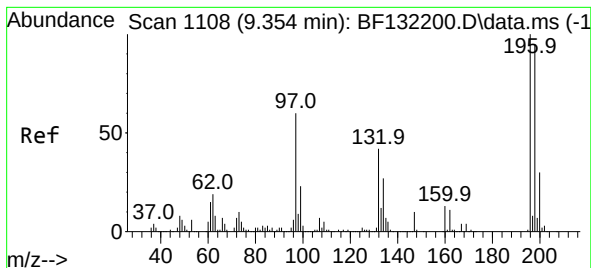


#42  
2,4,6-Tribromophenol  
Concen: 110.356 ng  
RT: 10.931 min Scan# 1376  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:330 Resp: 434051  
Ion Ratio Lower Upper  
330 100  
332 96.1 75.7 113.5  
141 35.1 30.7 46.1







#43

2,4,6-Trichlorophenol

Concen: 49.869 ng

RT: 9.354 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Instrument :

BNA\_F

ClientSampleId :

72-11985MS

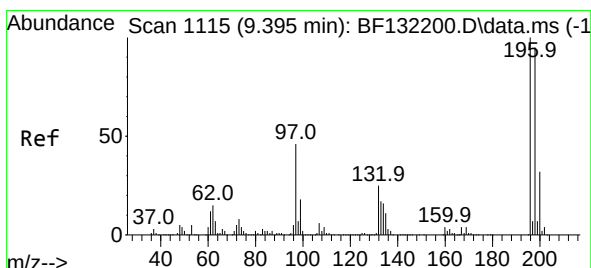
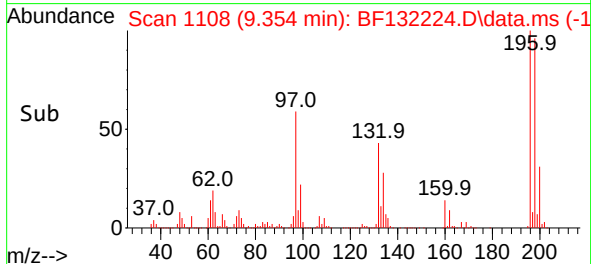
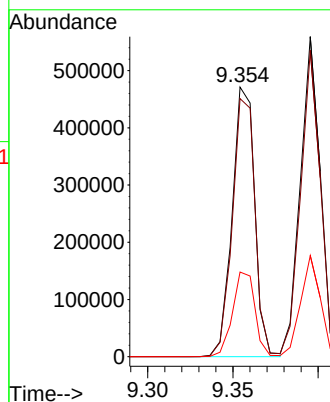
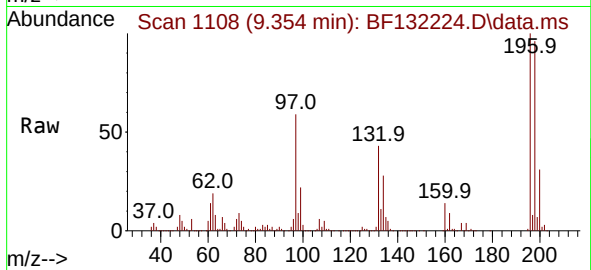
Tgt Ion:196 Resp: 433748

Ion Ratio Lower Upper

196 100

198 95.7 76.2 114.2

200 31.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 44.769 ng

RT: 9.395 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Tgt Ion:196 Resp: 456014

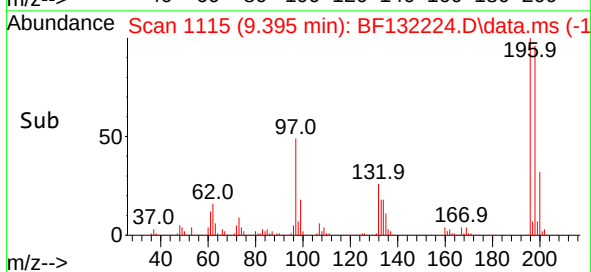
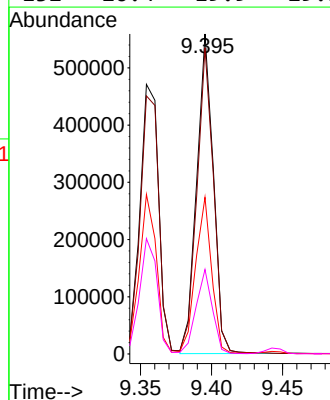
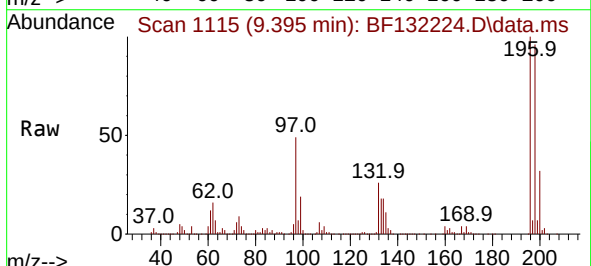
Ion Ratio Lower Upper

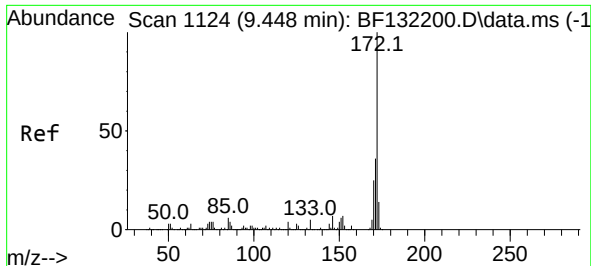
196 100

198 95.7 75.8 113.6

97 48.9 37.1 55.7

132 26.4 19.9 29.9

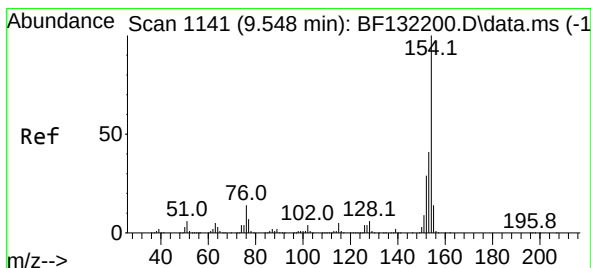
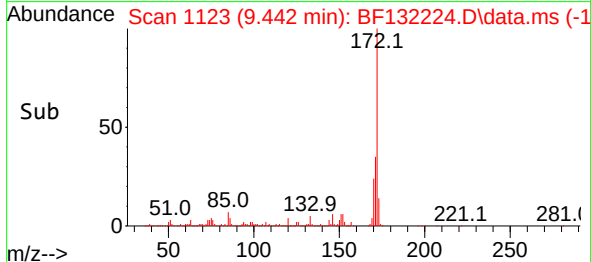
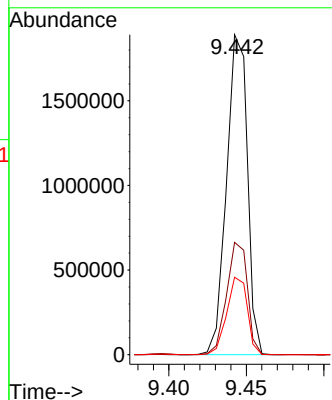
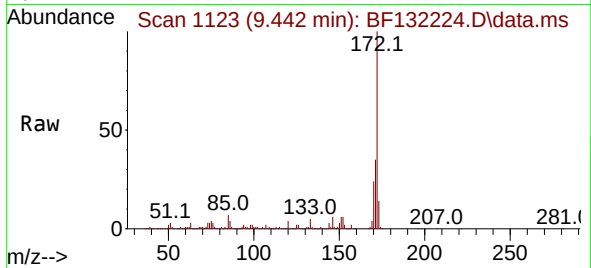




#45  
2-Fluorobiphenyl  
Concen: 61.296 ng  
RT: 9.442 min Scan# 1123  
Delta R.T. -0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

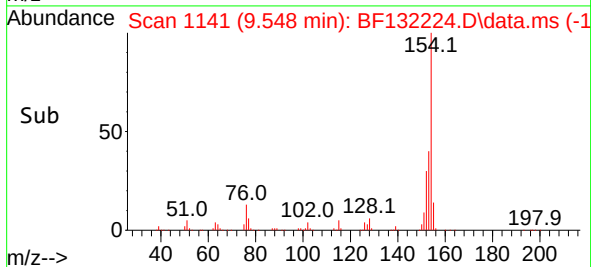
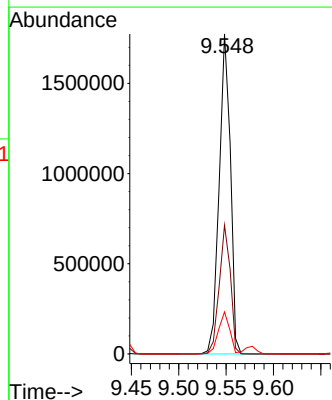
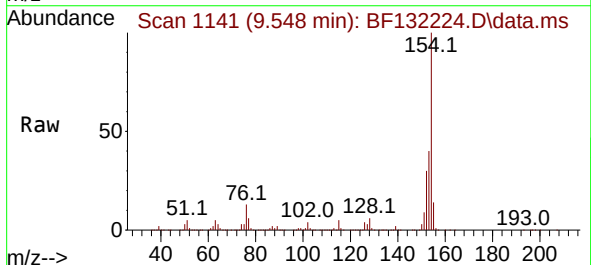
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

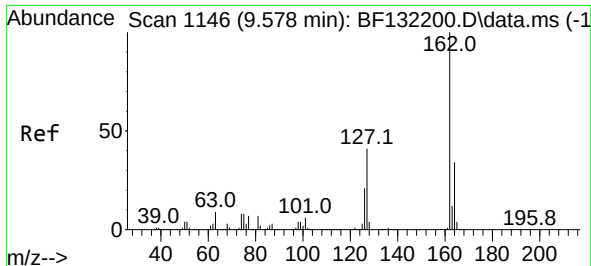
Tgt Ion:172 Resp: 1769417  
Ion Ratio Lower Upper  
172 100  
171 35.1 29.0 43.6  
170 24.2 20.2 30.4



#46  
1,1'-Biphenyl  
Concen: 44.439 ng  
RT: 9.548 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:154 Resp: 1454655  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.6 60.6  
76 13.1 0.0 34.2

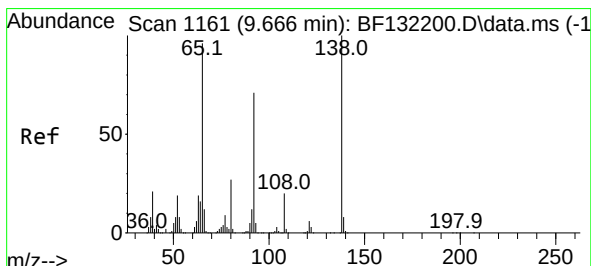
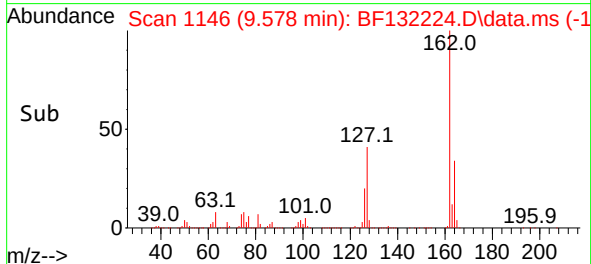
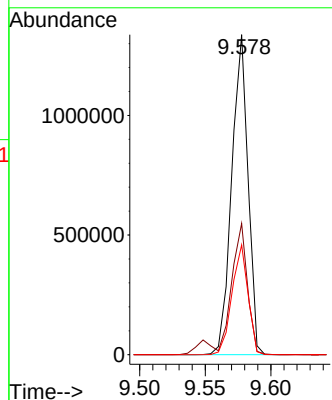
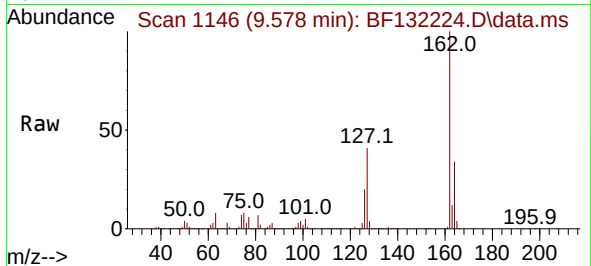




#47  
2-Chloronaphthalene  
Concen: 45.381 ng  
RT: 9.578 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

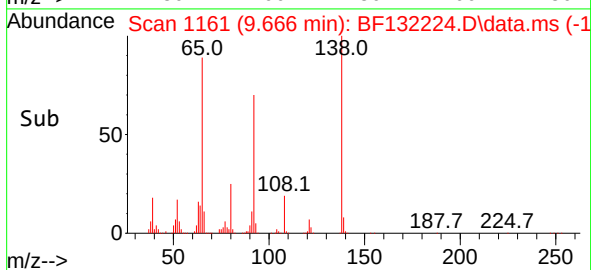
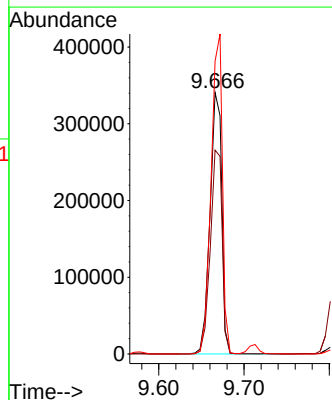
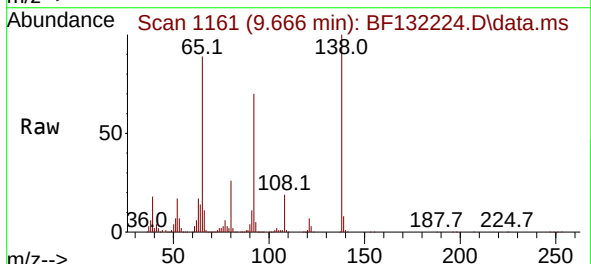
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

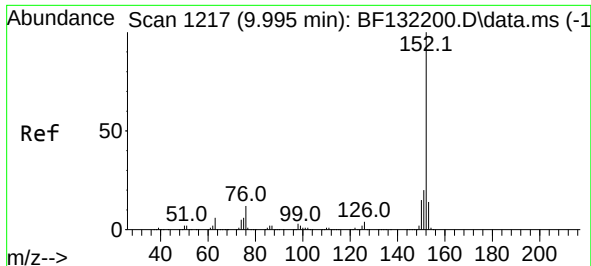
Tgt Ion:162 Resp: 1152969  
Ion Ratio Lower Upper  
162 100  
127 41.0 32.7 49.1  
164 34.3 27.3 40.9



#48  
2-Nitroaniline  
Concen: 47.773 ng  
RT: 9.666 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion: 65 Resp: 325963  
Ion Ratio Lower Upper  
65 100  
92 78.0 59.2 88.8  
138 112.0 83.7 125.5

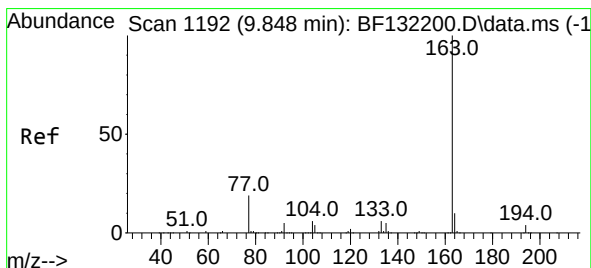
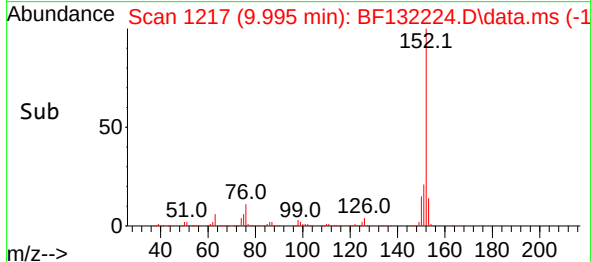
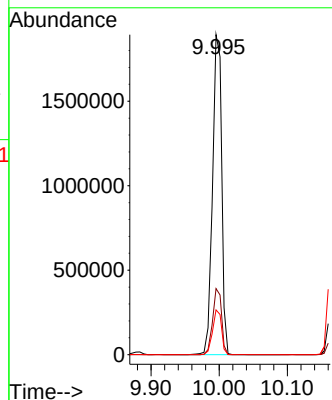
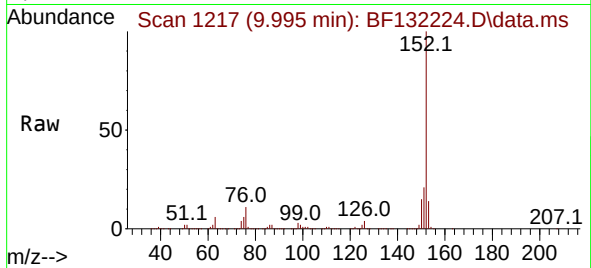




#49  
Acenaphthylene  
Concen: 44.754 ng  
RT: 9.995 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

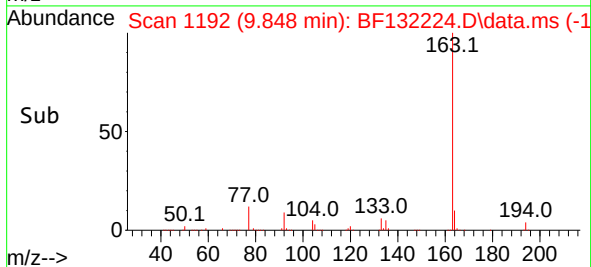
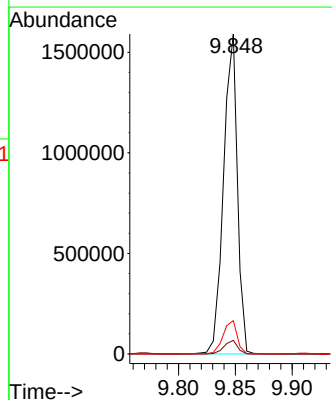
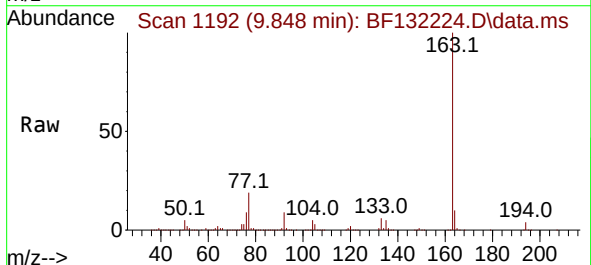
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

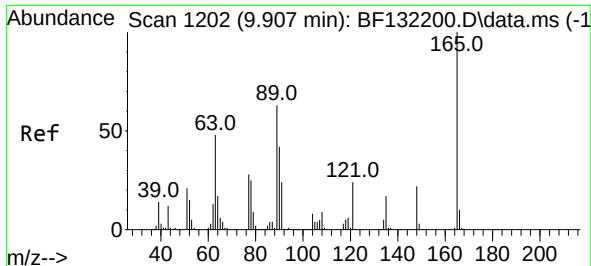
Tgt Ion:152 Resp: 1766646  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.3 24.5  
153 14.0 10.9 16.3



#50  
Dimethylphthalate  
Concen: 46.912 ng  
RT: 9.848 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:163 Resp: 1352305  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 10.4 8.3 12.5

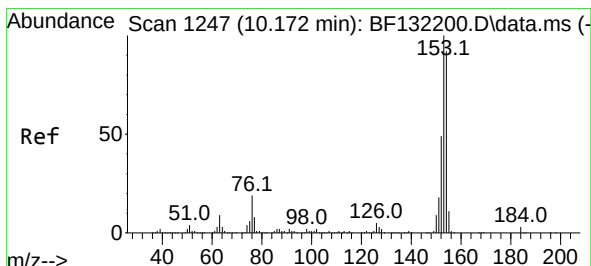
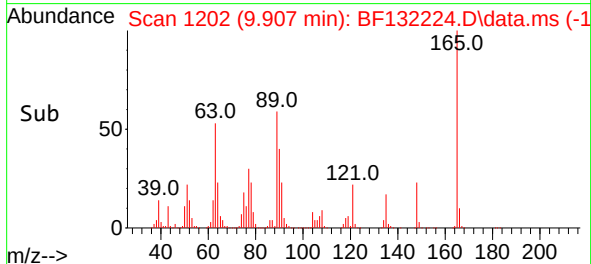
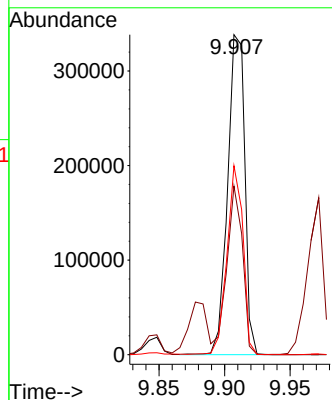
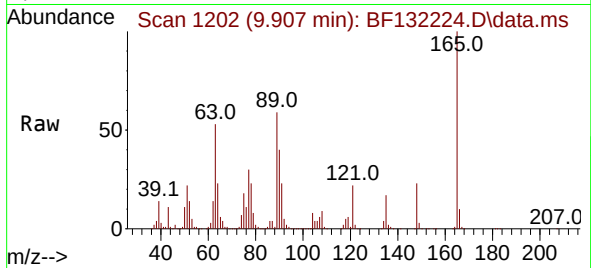




#51  
2,6-Dinitrotoluene  
Concen: 50.286 ng  
RT: 9.907 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

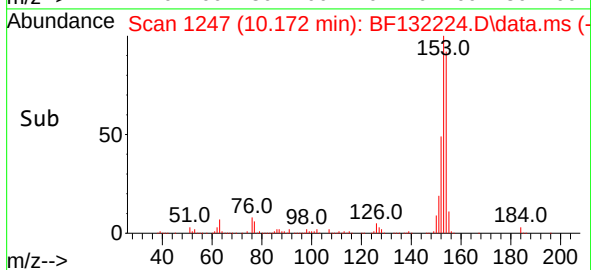
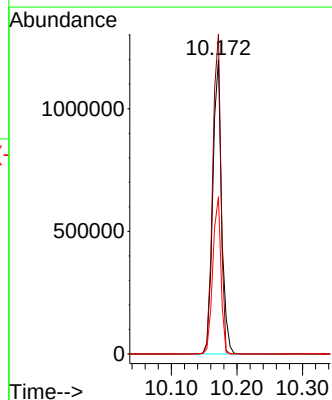
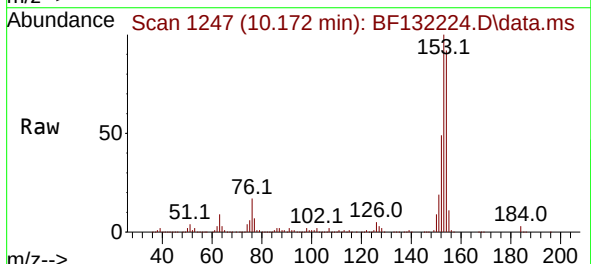
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

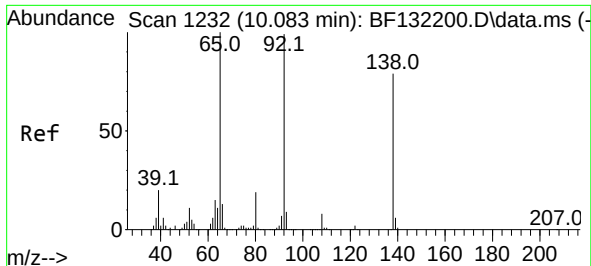
Tgt Ion:165 Resp: 307955  
Ion Ratio Lower Upper  
165 100  
63 52.7 46.1 69.1  
89 59.1 50.3 75.5



#52  
Acenaphthene  
Concen: 46.311 ng  
RT: 10.172 min Scan# 1247  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:154 Resp: 1123962  
Ion Ratio Lower Upper  
154 100  
153 108.7 87.3 130.9  
152 53.5 43.2 64.8

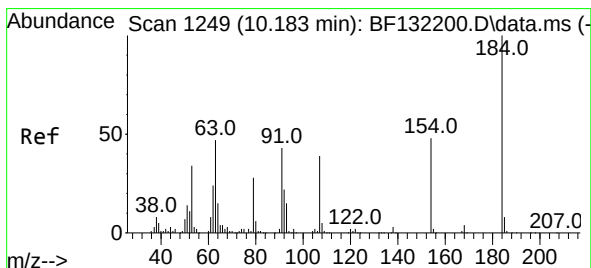
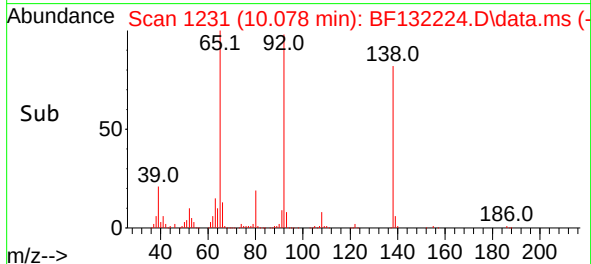
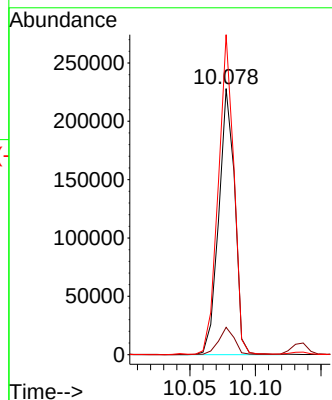
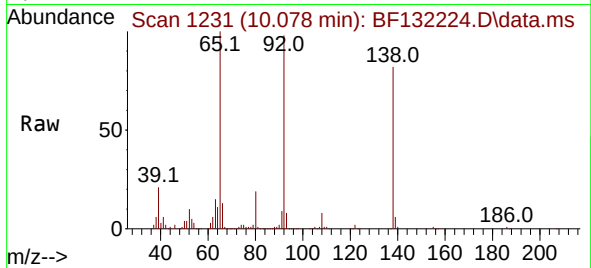




#53  
3-Nitroaniline  
Concen: 28.392 ng  
RT: 10.078 min Scan# 1232  
Delta R.T. -0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

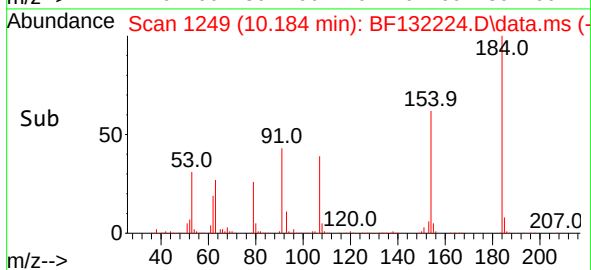
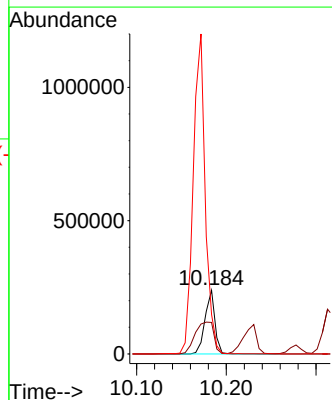
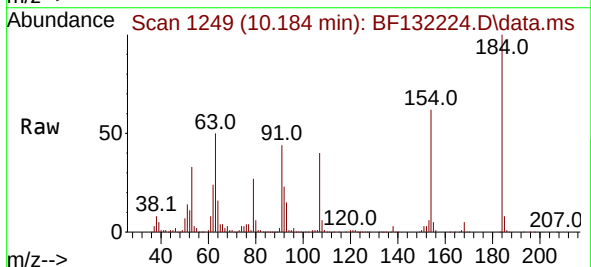
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

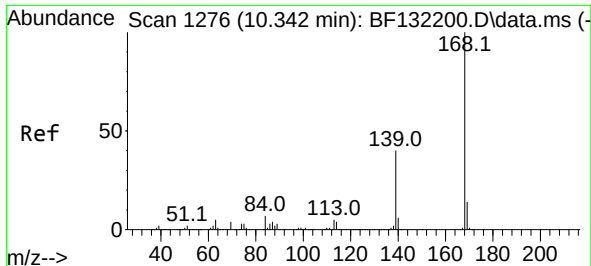
Tgt Ion:138 Resp: 192402  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.1 12.1  
92 120.2 100.2 150.2



#54  
2,4-Dinitrophenol  
Concen: 59.864 ng  
RT: 10.184 min Scan# 1249  
Delta R.T. 0.001 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:184 Resp: 182906  
Ion Ratio Lower Upper  
184 100  
63 49.5 39.8 59.6  
154 62.1 54.2 81.2

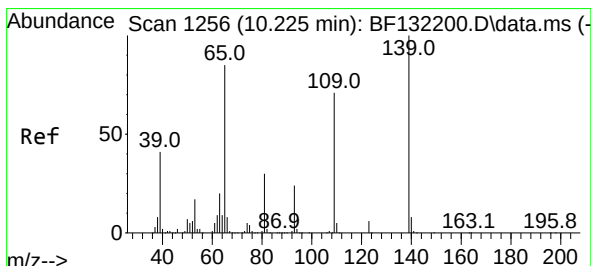
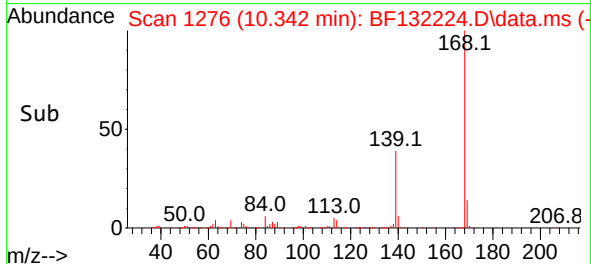
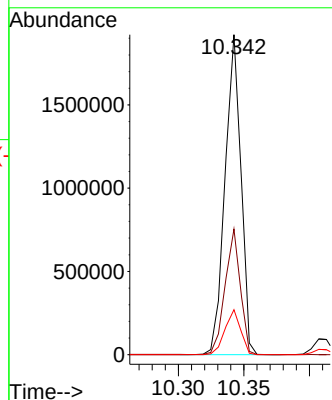
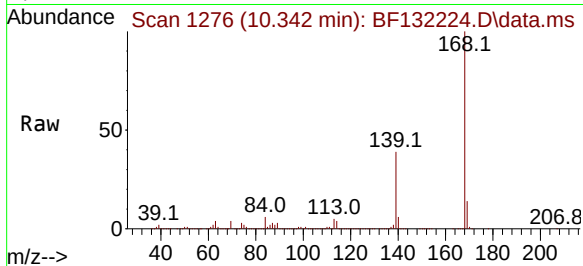




#55  
Dibenzenofuran  
Concen: 44.433 ng  
RT: 10.342 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

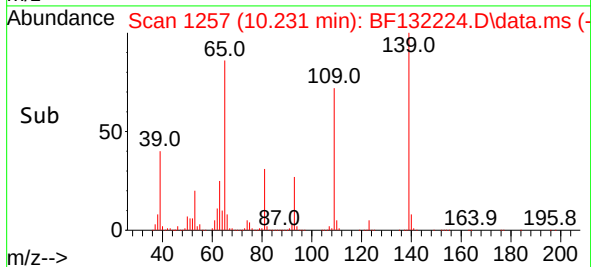
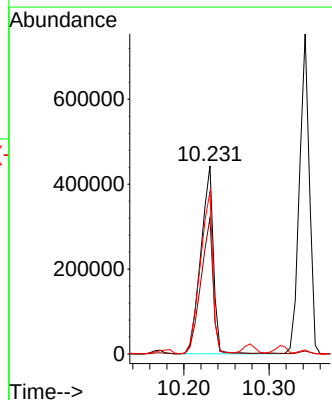
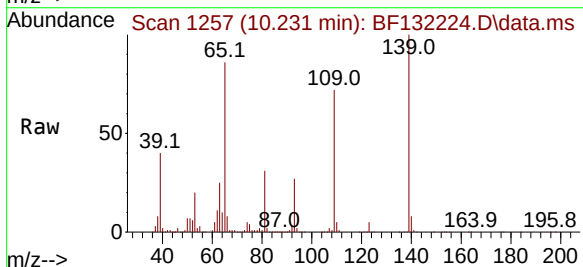
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

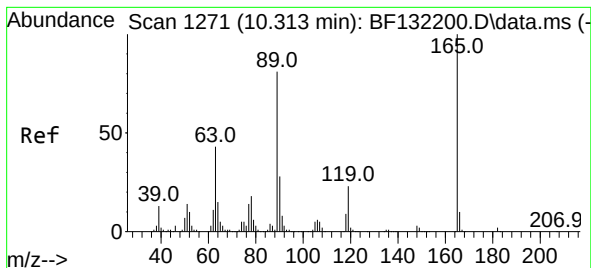
Tgt Ion:168 Resp: 1615547  
Ion Ratio Lower Upper  
168 100  
139 39.2 31.7 47.5  
169 14.1 11.1 16.7



#56  
4-Nitrophenol  
Concen: 92.951 ng  
RT: 10.231 min Scan# 1257  
Delta R.T. 0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:139 Resp: 455090  
Ion Ratio Lower Upper  
139 100  
109 72.4 50.8 90.8  
65 86.4 65.5 105.5

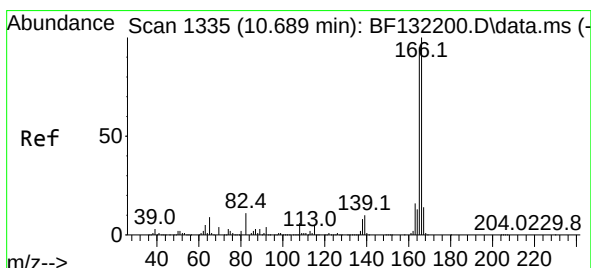
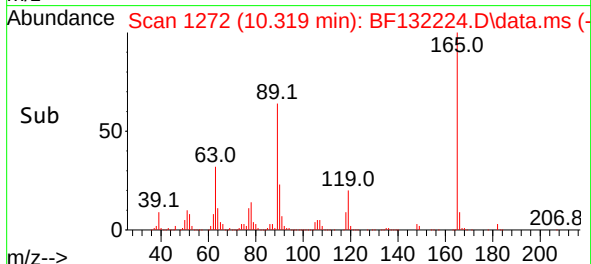
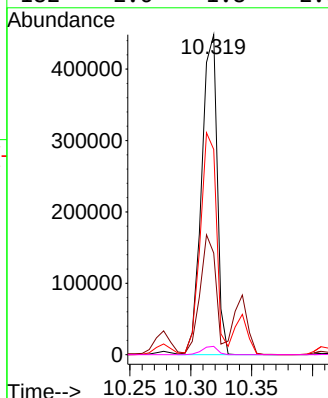
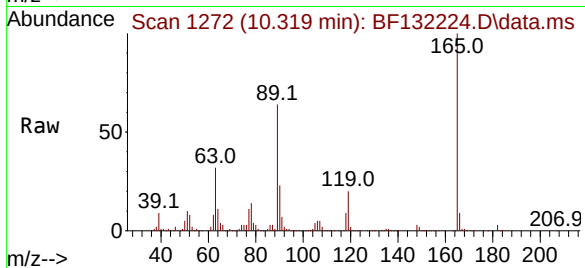




#57  
2,4-Dinitrotoluene  
Concen: 52.688 ng  
RT: 10.319 min Scan# 1271  
Delta R.T. 0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

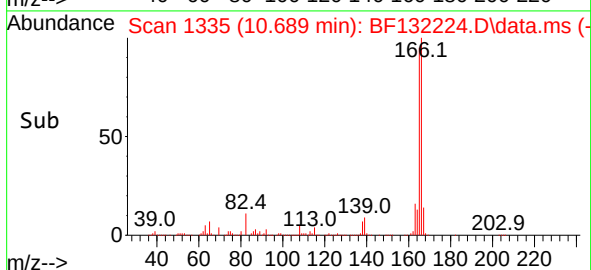
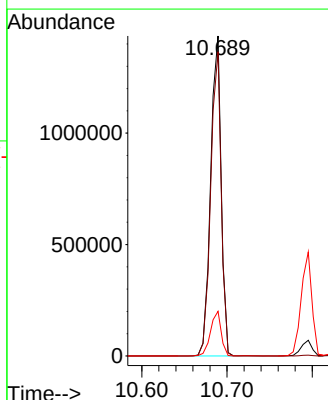
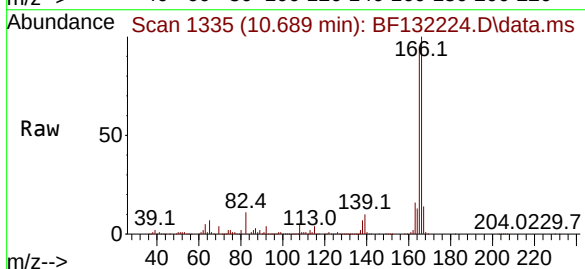
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

Tgt Ion:165 Resp: 397236  
Ion Ratio Lower Upper  
165 100  
63 31.8 34.2 51.2#  
89 64.1 65.1 97.7#  
182 2.6 1.8 2.6

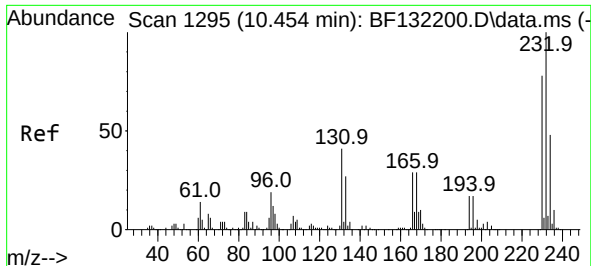


#58  
Fluorene  
Concen: 44.543 ng  
RT: 10.689 min Scan# 1335  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:166 Resp: 1237059  
Ion Ratio Lower Upper  
166 100  
165 95.1 76.3 114.5  
167 13.9 10.9 16.3







#59

2,3,4,6-Tetrachlorophenol

Concen: 50.525 ng

RT: 10.454 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Instrument :

BNA\_F

ClientSampleId :

72-11985MS

Tgt Ion:232 Resp: 365673

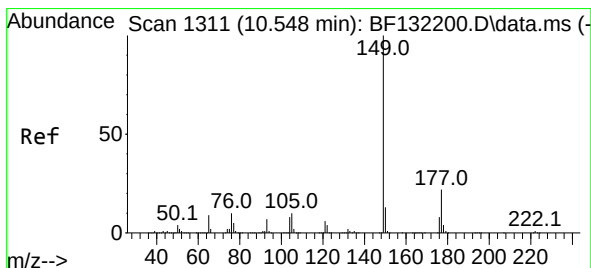
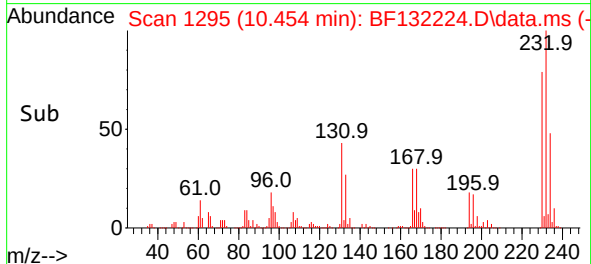
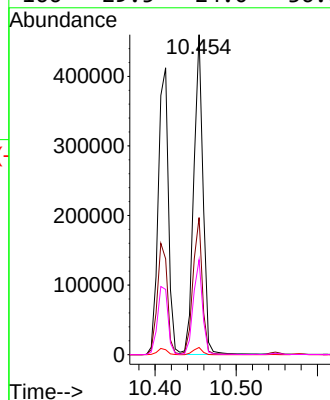
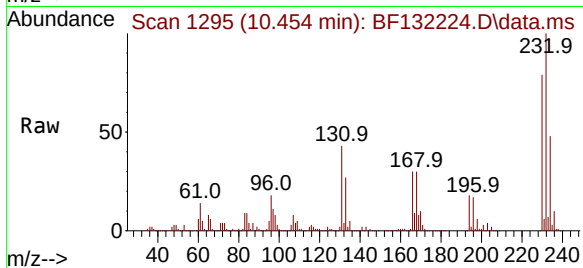
Ion Ratio Lower Upper

232 100

131 42.8 35.1 52.7

130 2.2 1.7 2.5

166 29.5 24.0 36.0



#60

Diethylphthalate

Concen: 47.675 ng

RT: 10.548 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

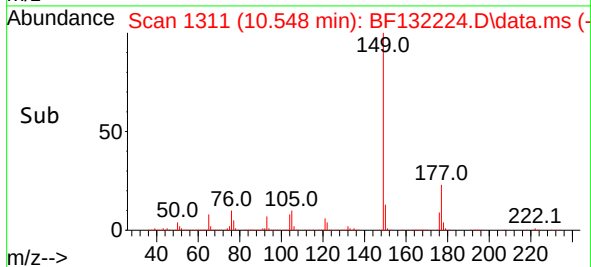
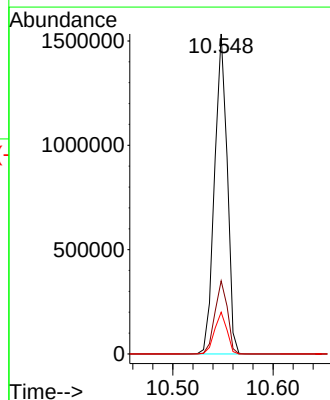
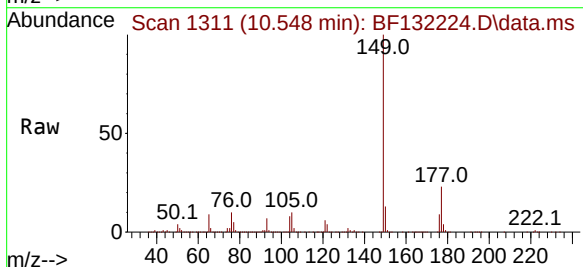
Tgt Ion:149 Resp: 1339672

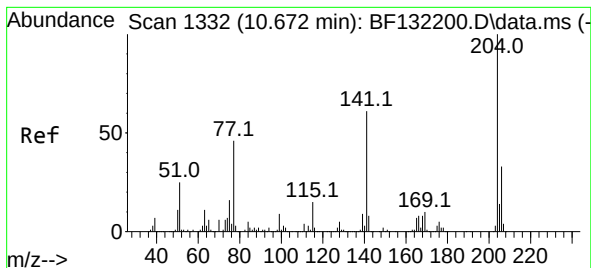
Ion Ratio Lower Upper

149 100

177 22.9 17.9 26.9

150 13.0 10.2 15.4

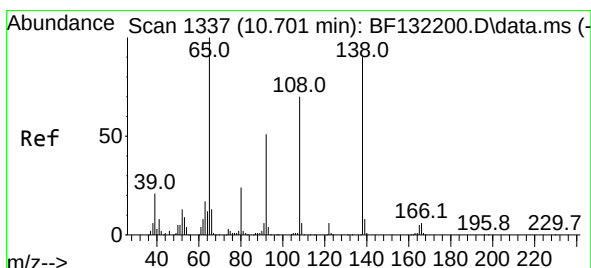
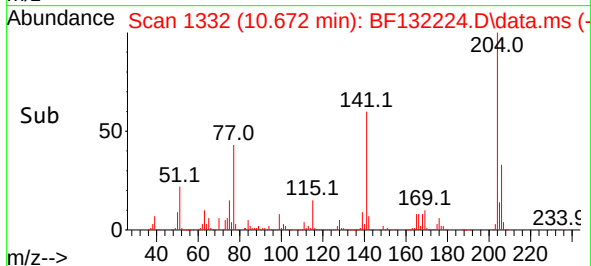
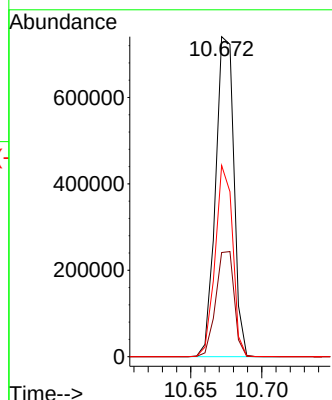
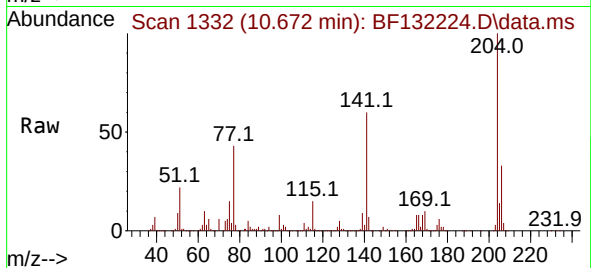




#61  
4-Chlorophenyl-phenylether  
Concen: 45.413 ng  
RT: 10.672 min Scan# 1332  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

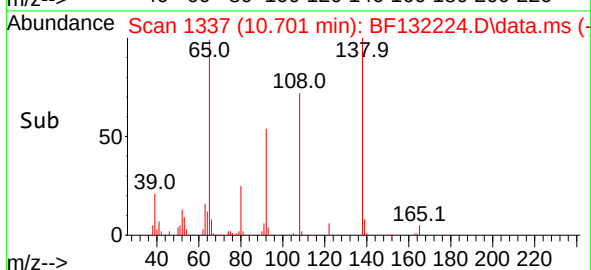
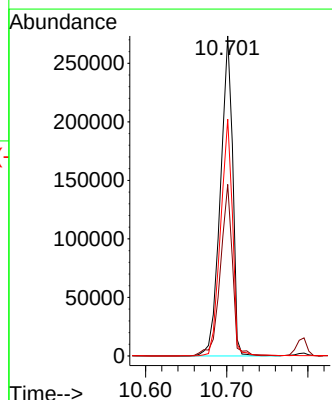
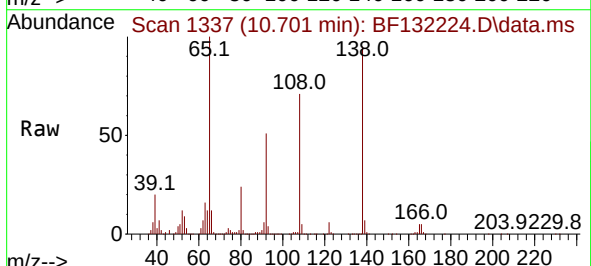
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

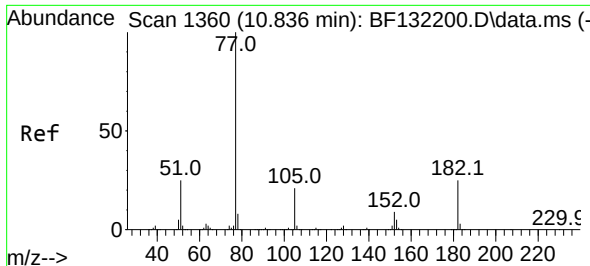
Tgt Ion:204 Resp: 665316  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.5 39.7  
141 59.8 49.2 73.8



#62  
4-Nitroaniline  
Concen: 45.266 ng  
RT: 10.701 min Scan# 1337  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:138 Resp: 287813  
Ion Ratio Lower Upper  
138 100  
92 53.6 36.0 76.0  
108 74.0 57.9 97.9

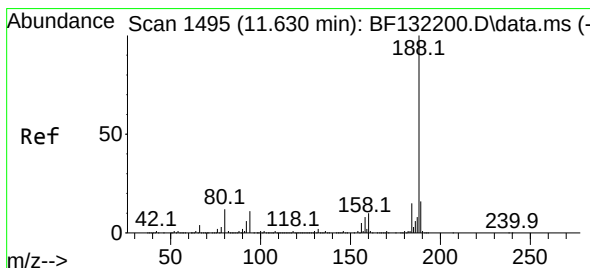
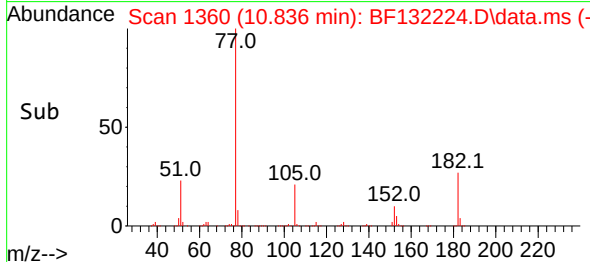
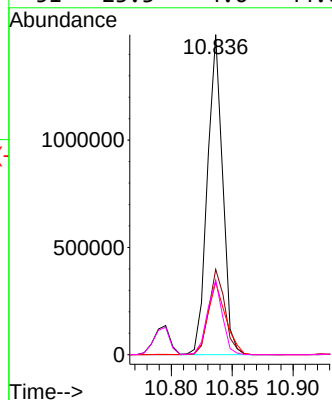
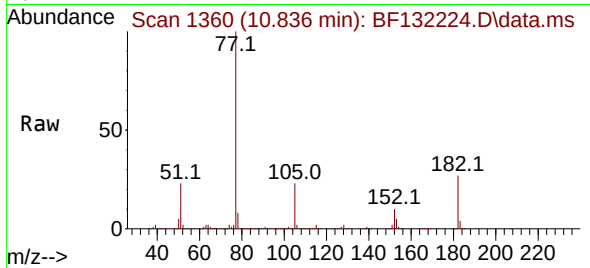




#63  
Azobenzene  
Concen: 43.718 ng  
RT: 10.836 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

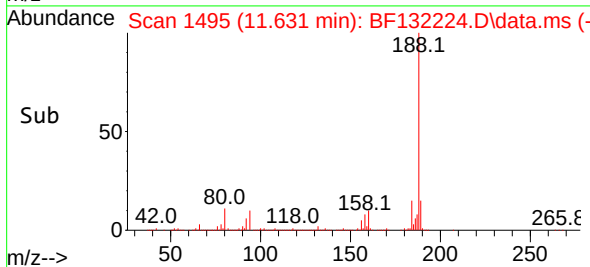
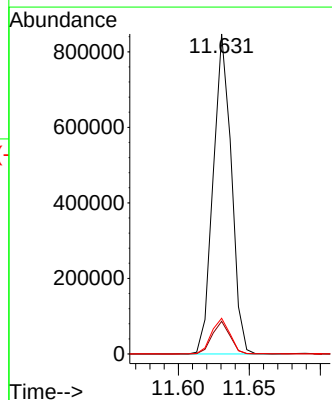
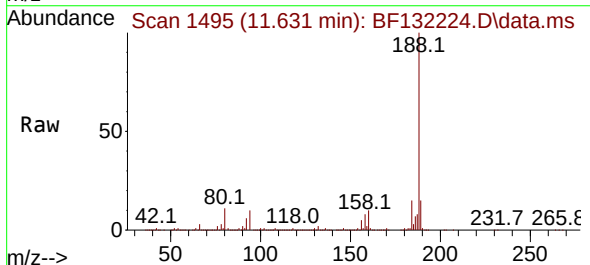
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

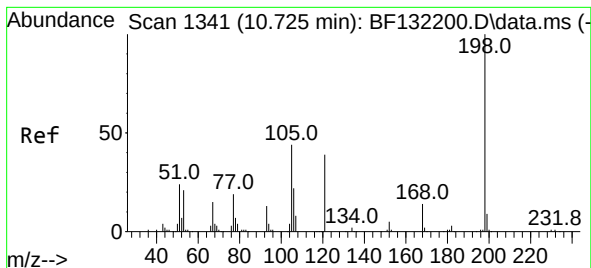
Tgt Ion: 77 Resp: 1296452  
Ion Ratio Lower Upper  
77 100  
182 26.7 4.7 44.7  
105 22.7 1.1 41.1  
51 23.3 4.6 44.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.631 min Scan# 1495  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion: 188 Resp: 752255  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.5 12.7  
80 11.2 9.2 13.8

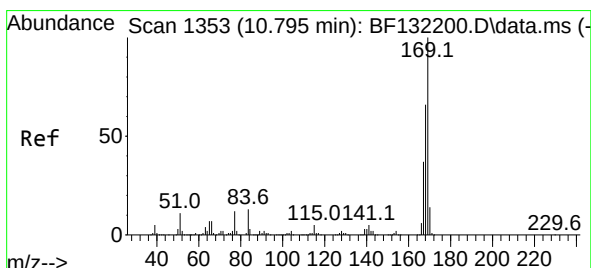
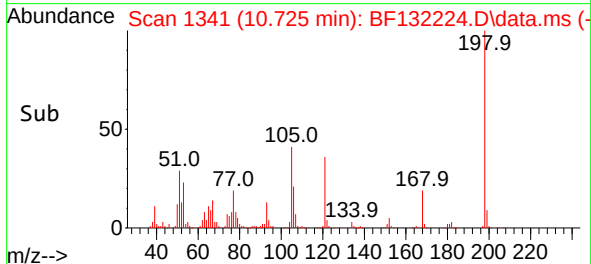
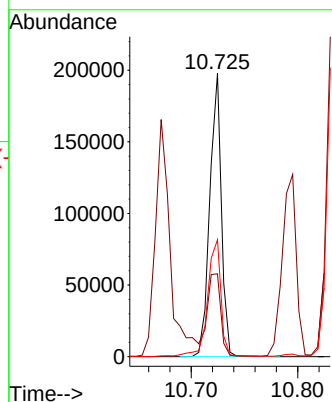
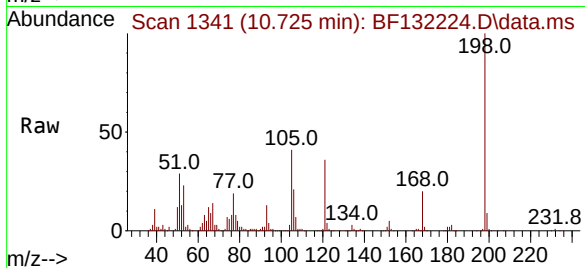




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.602 ng  
RT: 10.725 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

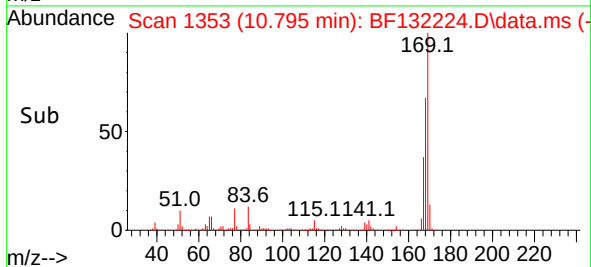
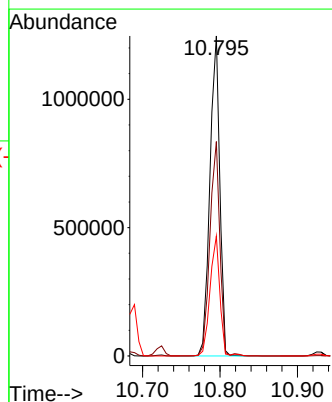
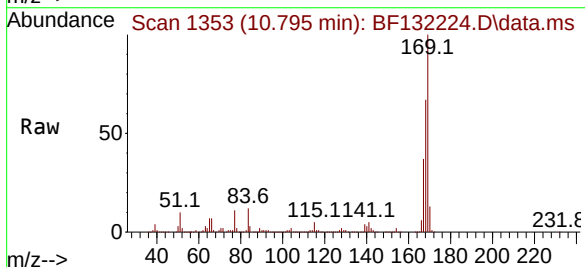
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

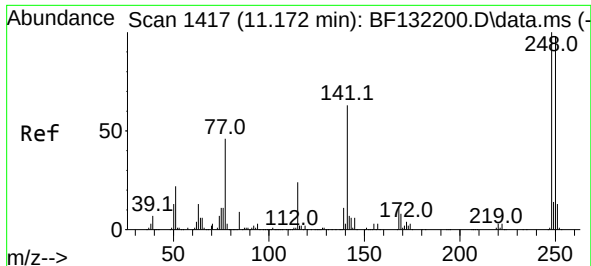
Tgt Ion:198 Resp: 150071  
Ion Ratio Lower Upper  
198 100  
51 29.3 14.9 54.9  
105 41.3 24.2 64.2



#66  
n-Nitrosodiphenylamine  
Concen: 46.675 ng  
RT: 10.795 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:169 Resp: 1102577  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.1 79.7  
167 37.5 29.7 44.5

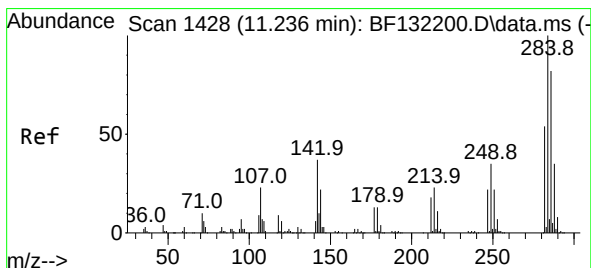
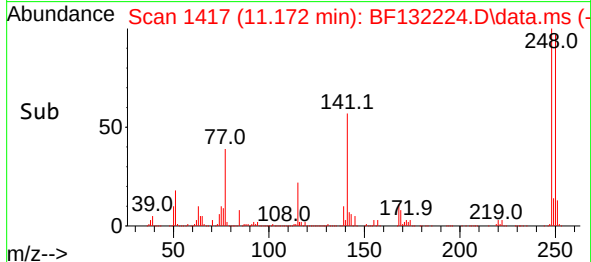
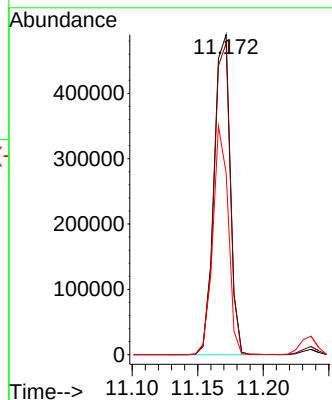
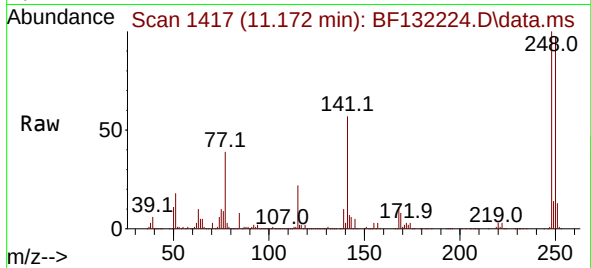




#67  
4-Bromophenyl-phenylether  
Concen: 48.712 ng  
RT: 11.172 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

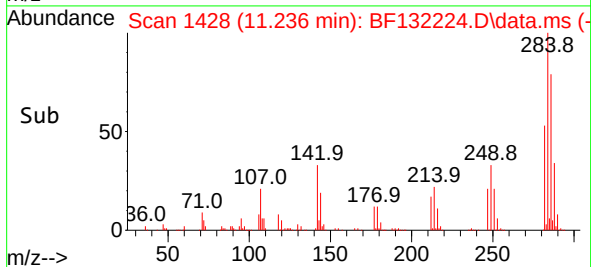
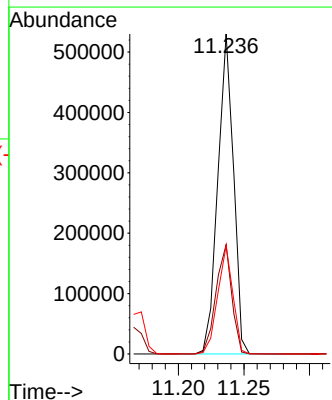
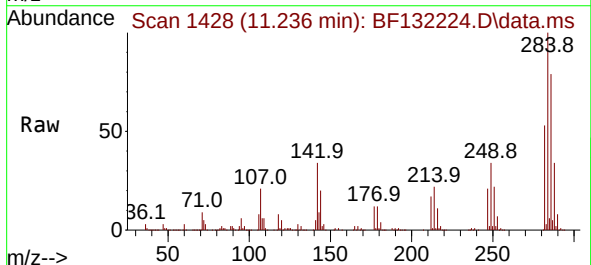
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

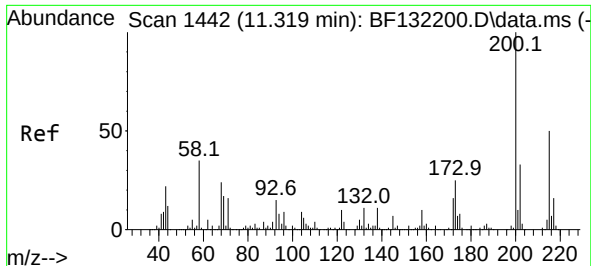
Tgt Ion:248 Resp: 421852  
Ion Ratio Lower Upper  
248 100  
250 97.3 78.5 117.7  
141 56.8 50.2 75.4



#68  
Hexachlorobenzene  
Concen: 51.110 ng  
RT: 11.236 min Scan# 1428  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:284 Resp: 438578  
Ion Ratio Lower Upper  
284 100  
142 34.2 29.4 44.2  
249 33.9 27.8 41.8

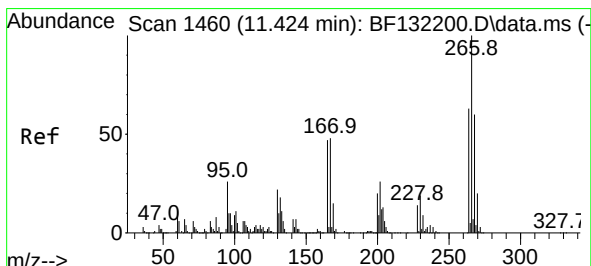
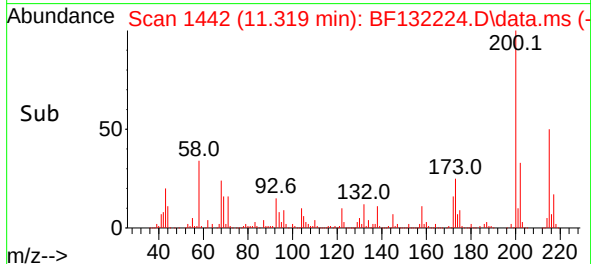
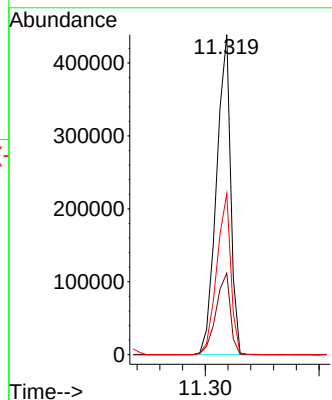
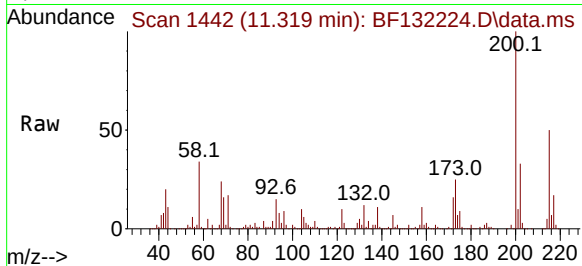




#69  
 Atrazine  
 Concen: 55.978 ng  
 RT: 11.319 min Scan# 1442  
 Delta R.T. 0.000 min  
 Lab File: BF132224.D  
 Acq: 30 Jan 2023 22:26

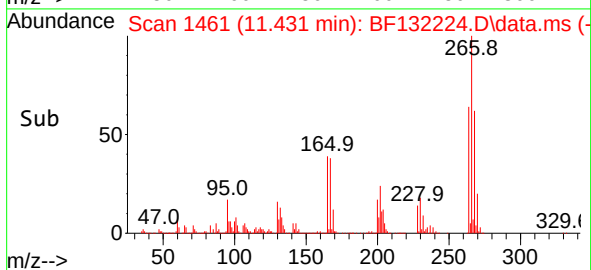
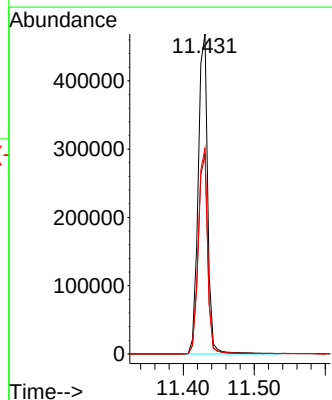
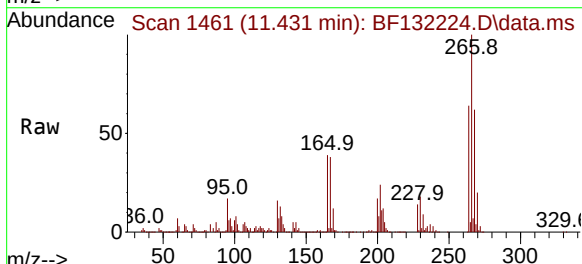
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11985MS

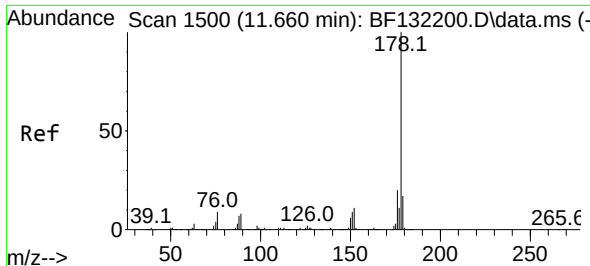
Tgt Ion:200 Resp: 379536  
 Ion Ratio Lower Upper  
 200 100  
 173 25.4 5.2 45.2  
 215 50.3 29.8 69.8



#70  
 Pentachlorophenol  
 Concen: 76.944 ng  
 RT: 11.431 min Scan# 1461  
 Delta R.T. 0.007 min  
 Lab File: BF132224.D  
 Acq: 30 Jan 2023 22:26

Tgt Ion:266 Resp: 435798  
 Ion Ratio Lower Upper  
 266 100  
 268 62.4 48.2 72.4  
 264 64.2 50.7 76.1

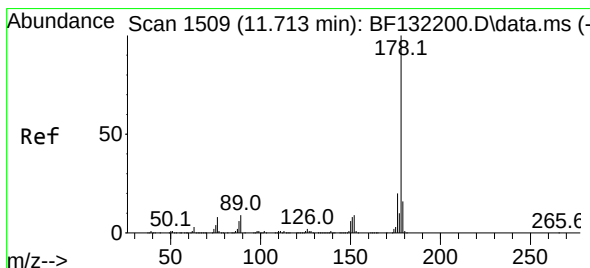
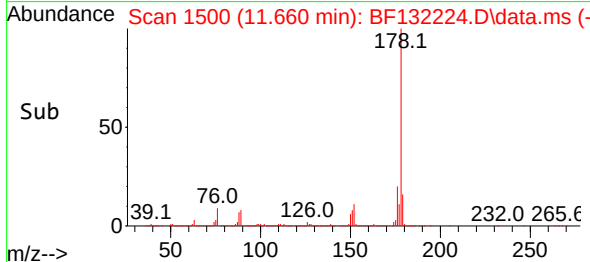
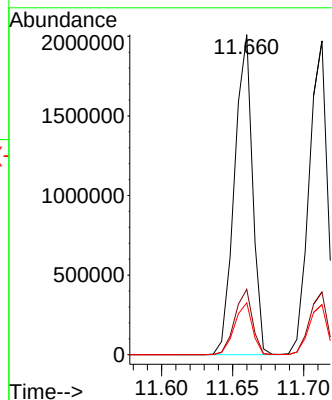
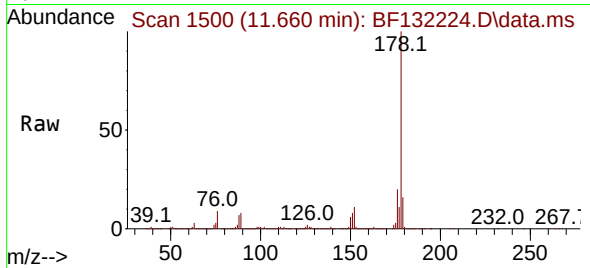




#71  
Phenanthrene  
Concen: 46.515 ng  
RT: 11.660 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

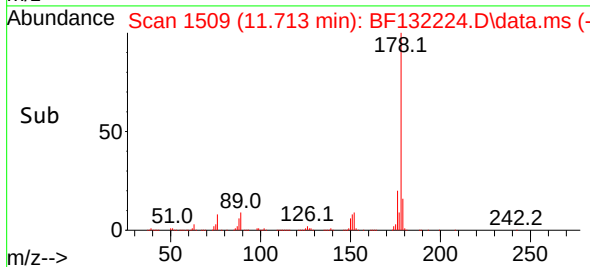
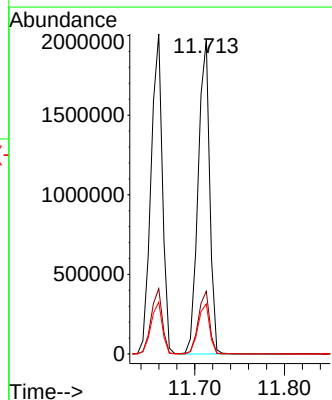
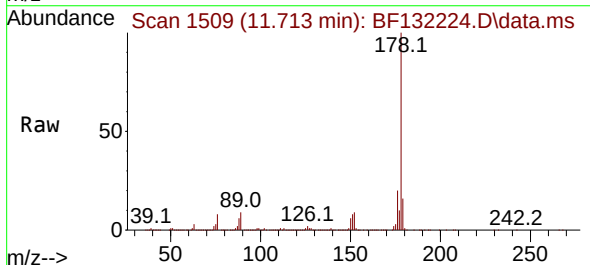
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

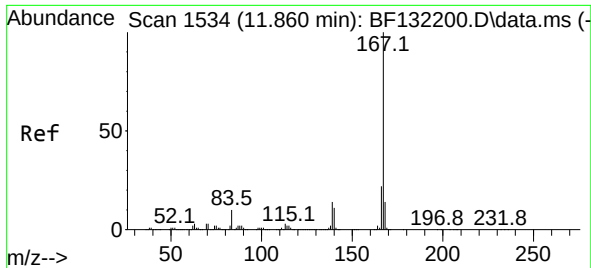
Tgt Ion:178 Resp: 1780075  
Ion Ratio Lower Upper  
178 100  
176 20.4 16.4 24.6  
179 16.2 13.3 19.9



#72  
Anthracene  
Concen: 45.086 ng  
RT: 11.713 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:178 Resp: 1756979  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.8 23.8  
179 16.0 13.0 19.6

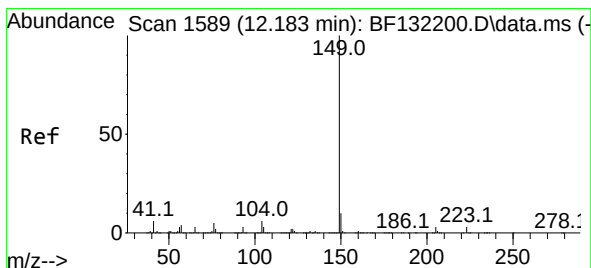
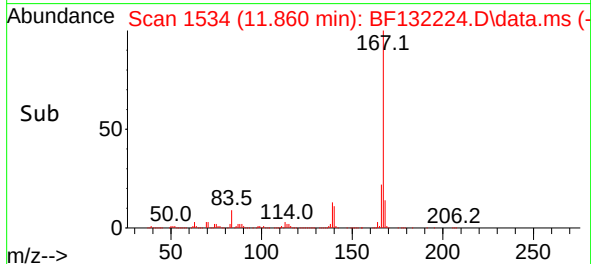
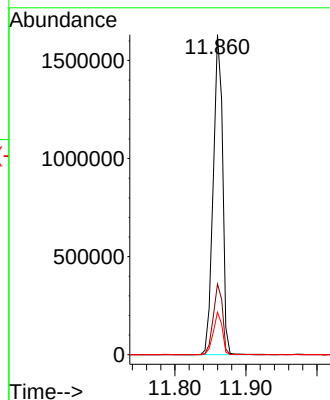
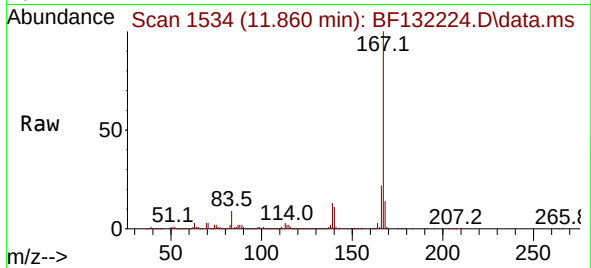




#73  
 Carbazole  
 Concen: 44.778 ng  
 RT: 11.860 min Scan# 1534  
 Delta R.T. 0.000 min  
 Lab File: BF132224.D  
 Acq: 30 Jan 2023 22:26

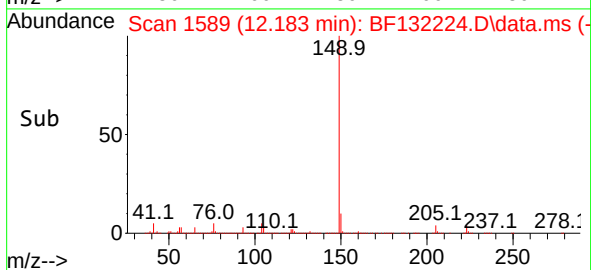
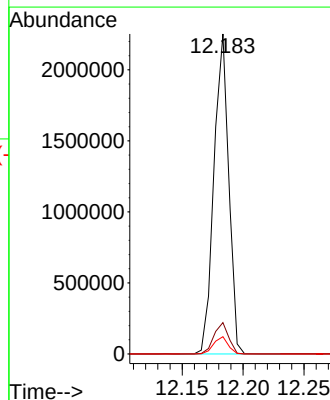
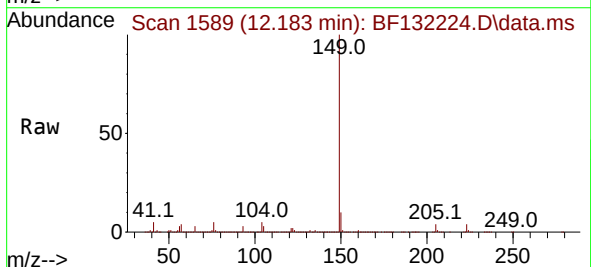
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11985MS

Tgt Ion:167 Resp: 1499002  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.5 26.3  
 139 13.3 10.8 16.2

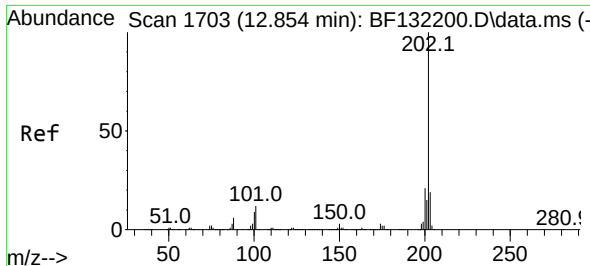


#74  
 Di-n-butylphthalate  
 Concen: 49.888 ng  
 RT: 12.183 min Scan# 1589  
 Delta R.T. 0.000 min  
 Lab File: BF132224.D  
 Acq: 30 Jan 2023 22:26

Tgt Ion:149 Resp: 1899991  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 8.0 12.0  
 104 5.4 4.6 7.0



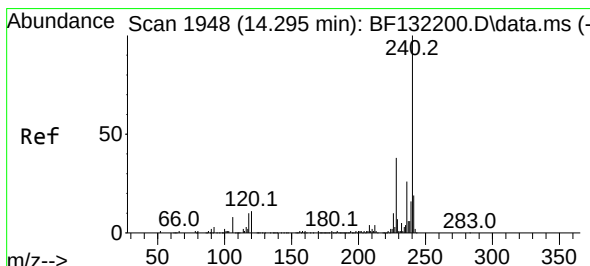
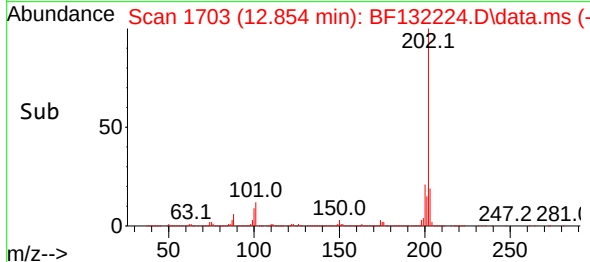
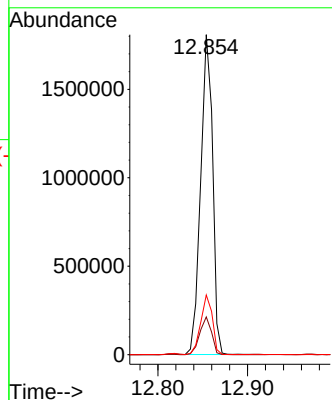
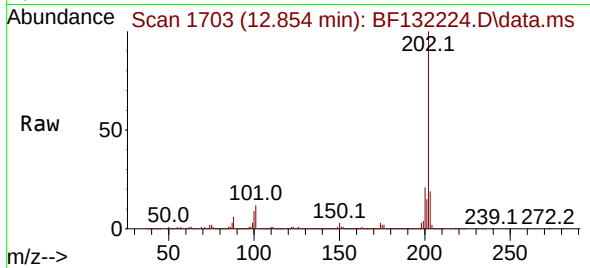




#75  
Fluoranthene  
Concen: 42.877 ng  
RT: 12.854 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

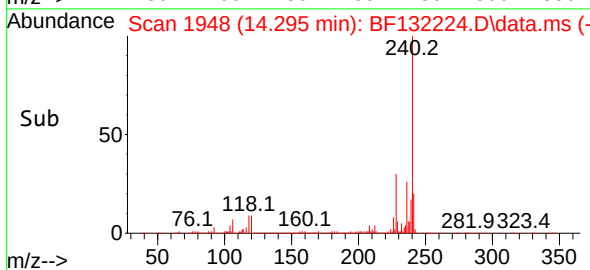
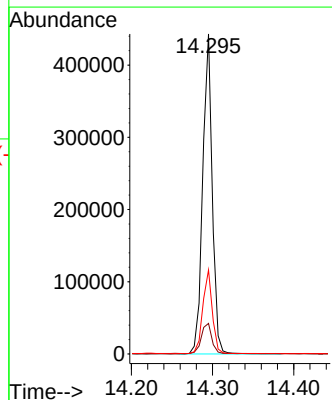
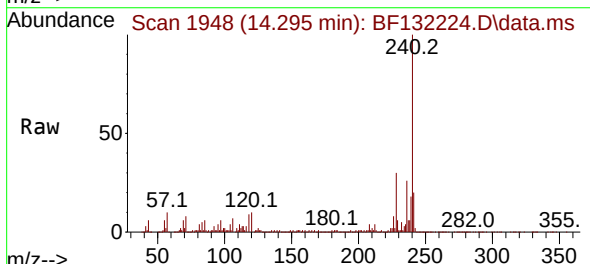
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

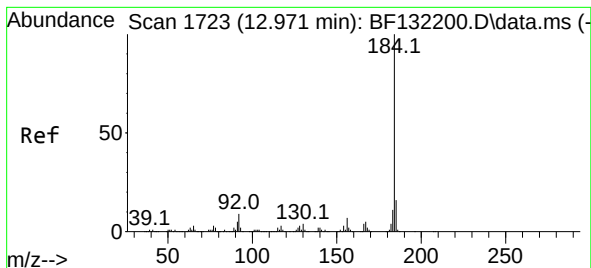
Tgt Ion:202 Resp: 1669528  
Ion Ratio Lower Upper  
202 100  
101 11.8 0.0 32.5  
203 18.6 0.0 38.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.295 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:240 Resp: 362676  
Ion Ratio Lower Upper  
240 100  
120 9.5 9.0 13.4  
236 26.3 20.8 31.2





#77

Benzidine

Concen: 45.892 ng

RT: 12.972 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Instrument :

BNA\_F

ClientSampleId :

72-11985MS

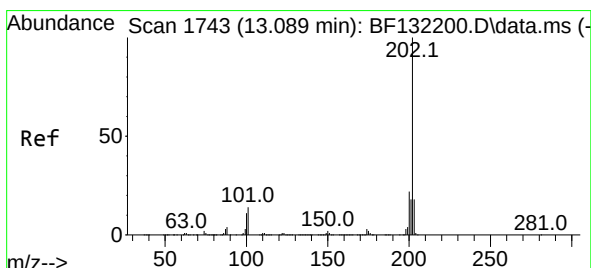
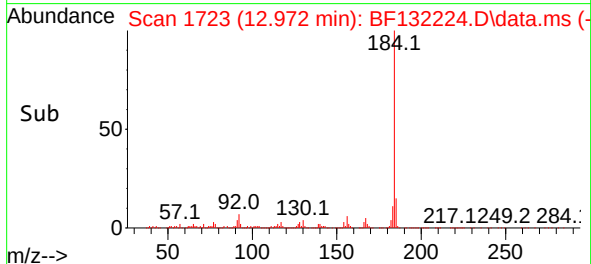
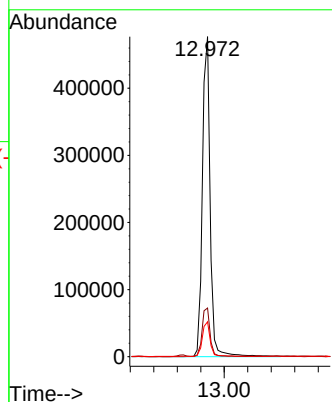
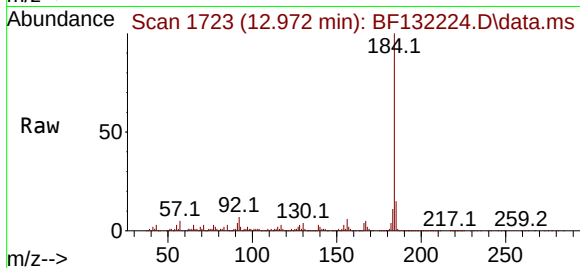
Tgt Ion:184 Resp: 434432

Ion Ratio Lower Upper

184 100

185 15.2 13.2 19.8

183 10.9 8.8 13.2



#78

Pyrene

Concen: 47.468 ng

RT: 13.089 min Scan# 1743

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

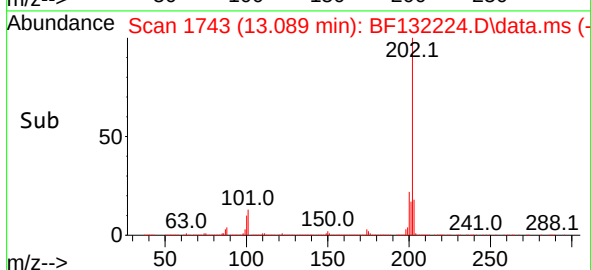
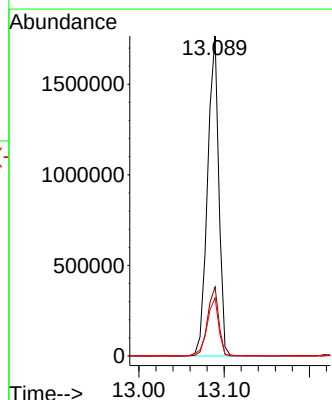
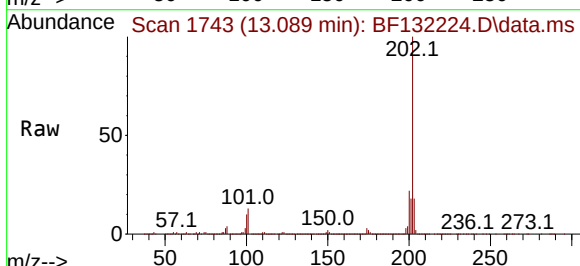
Tgt Ion:202 Resp: 1613005

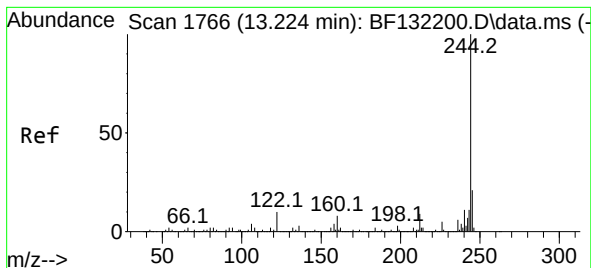
Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

203 18.2 14.7 22.1





#79

Terphenyl-d14

Concen: 66.663 ng

RT: 13.225 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Instrument :

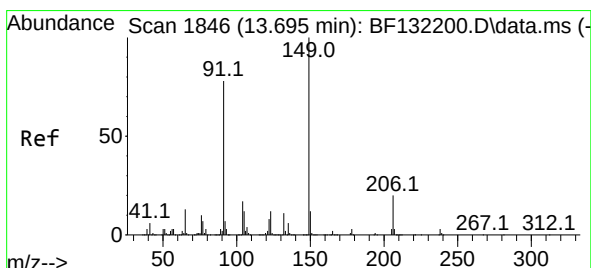
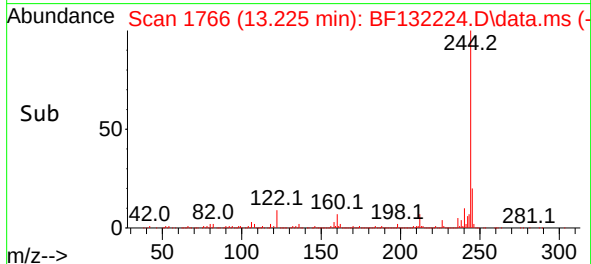
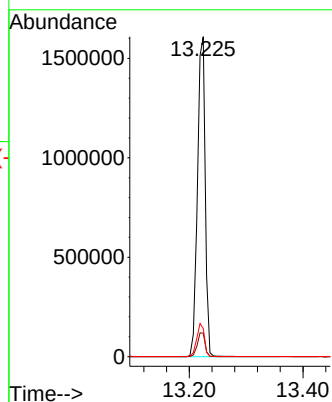
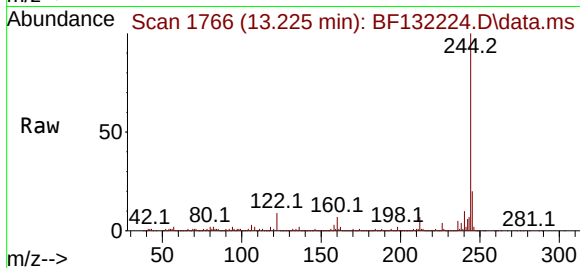
BNA\_F

ClientSampleId :

72-11985MS

Tgt Ion:244 Resp: 1538854

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.4   | 6.8   | 10.2  |
| 122 | 8.8   | 8.3   | 12.5  |



#80

Butylbenzylphthalate

Concen: 51.414 ng

RT: 13.695 min Scan# 1846

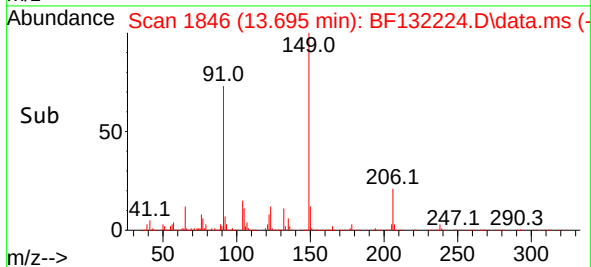
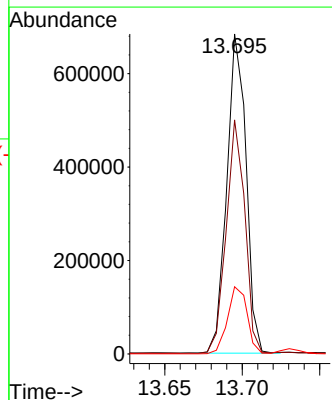
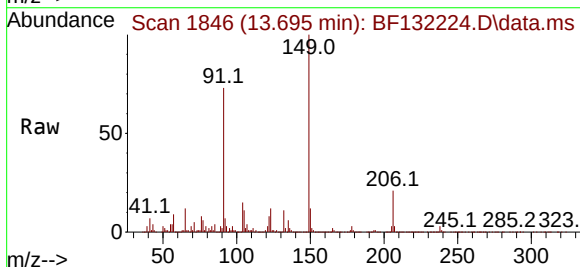
Delta R.T. 0.000 min

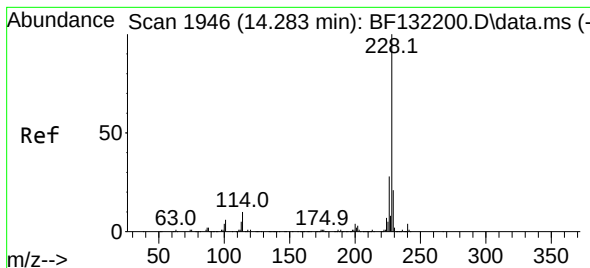
Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Tgt Ion:149 Resp: 589174

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 73.1  | 62.1  | 93.1  |
| 206 | 21.0  | 15.8  | 23.8  |





#81

Benzo(a)anthracene

Concen: 46.982 ng

RT: 14.283 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Instrument :

BNA\_F

ClientSampleId :

72-11985MS

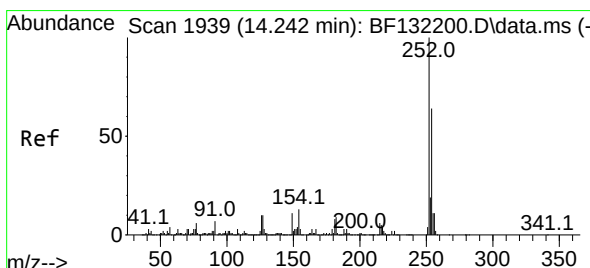
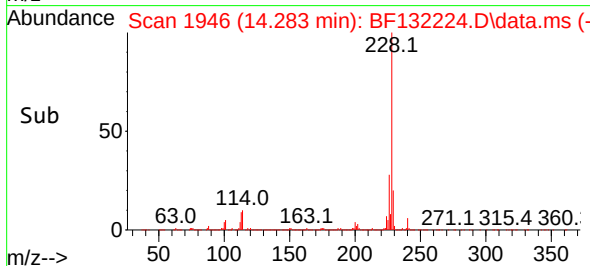
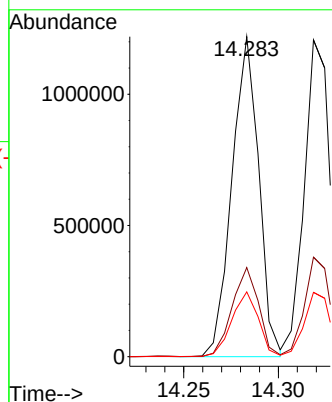
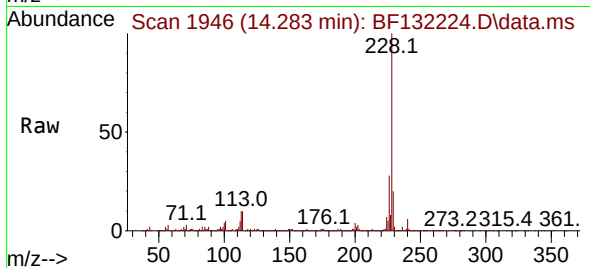
Tgt Ion:228 Resp: 1198038

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

229 20.3 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 22.436 ng

RT: 14.236 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

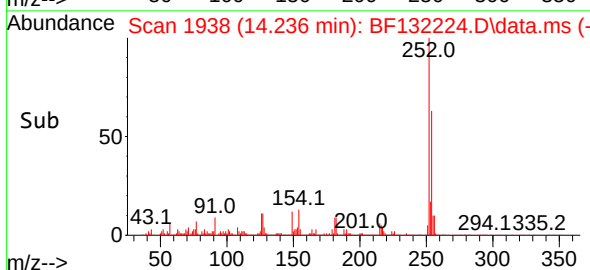
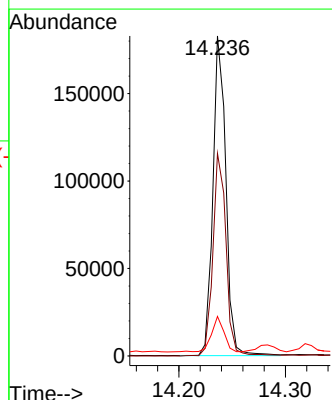
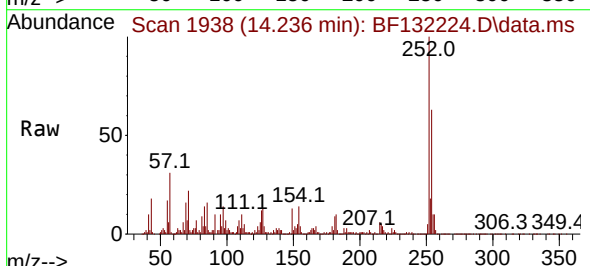
Tgt Ion:252 Resp: 155038

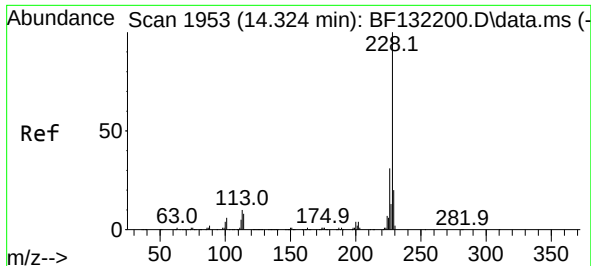
Ion Ratio Lower Upper

252 100

254 63.3 51.5 77.3

126 12.4 8.0 12.0#

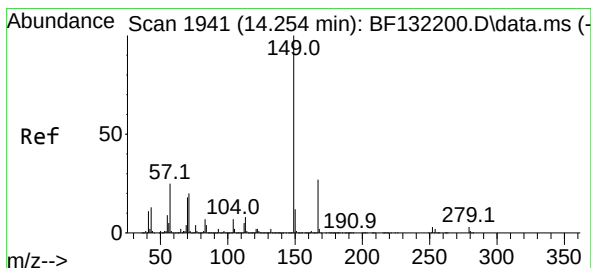
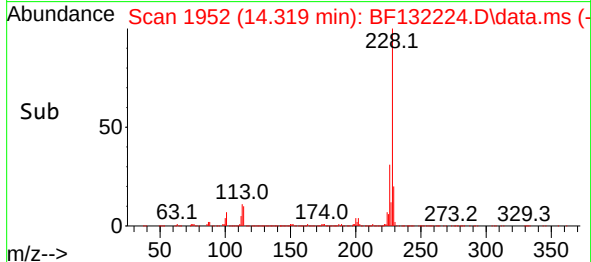
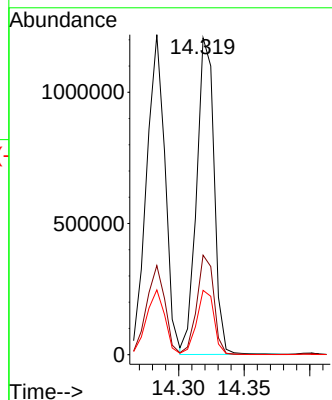
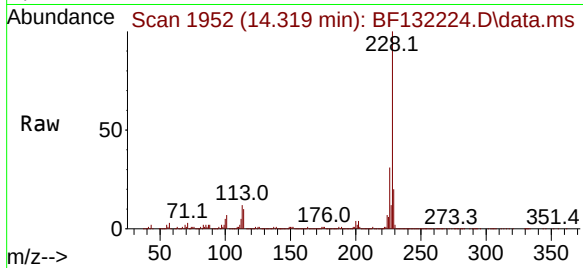




#83  
Chrysene  
Concen: 47.148 ng  
RT: 14.319 min Scan# 1952  
Delta R.T. -0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

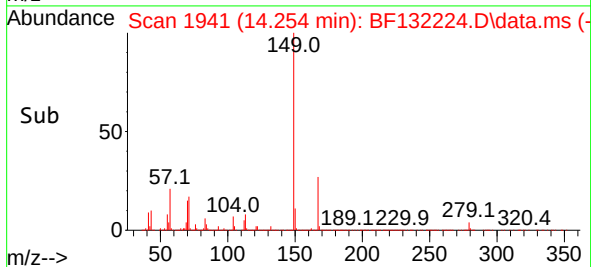
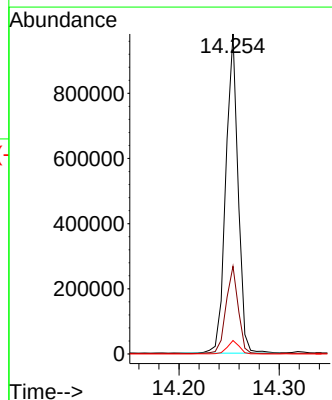
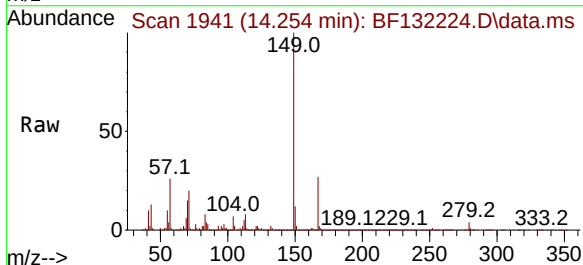
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

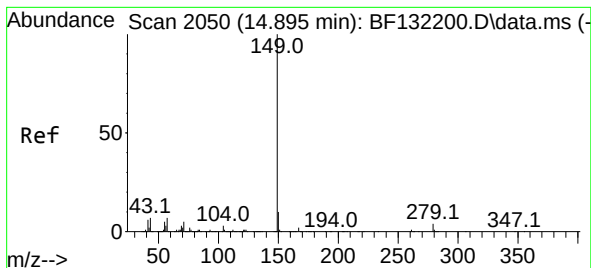
Tgt Ion:228 Resp: 1120404  
Ion Ratio Lower Upper  
228 100  
226 31.4 24.9 37.3  
229 20.3 16.2 24.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 56.241 ng  
RT: 14.254 min Scan# 1941  
Delta R.T. -0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:149 Resp: 833996  
Ion Ratio Lower Upper  
149 100  
167 27.4 21.7 32.5  
279 4.2 2.8 4.2#





#85

Di-n-octyl phthalate

Concen: 56.208 ng

RT: 14.889 min Scan# 2050

Delta R.T. -0.006 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Instrument :

BNA\_F

ClientSampleId :

72-11985MS

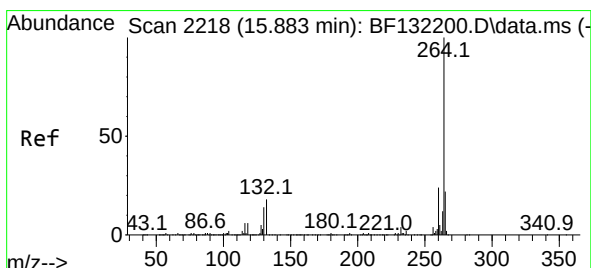
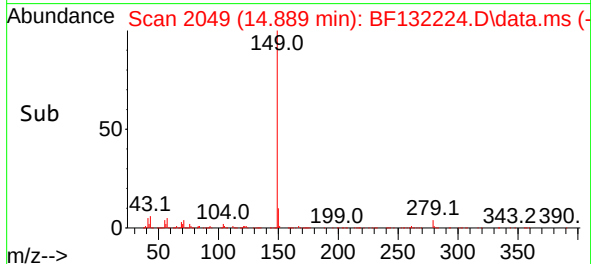
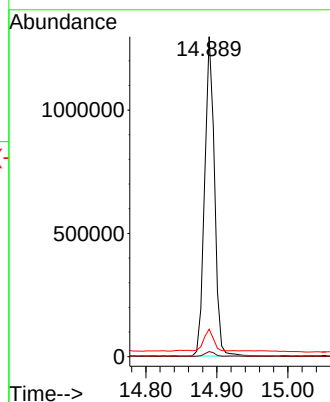
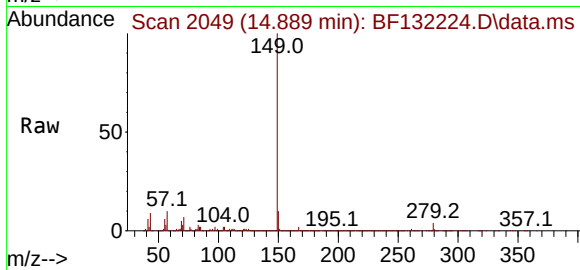
Tgt Ion:149 Resp: 1252964

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 6.5 6.6 10.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.883 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

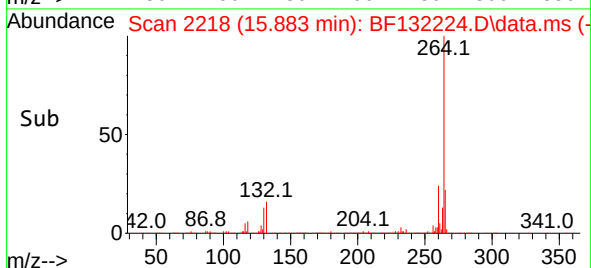
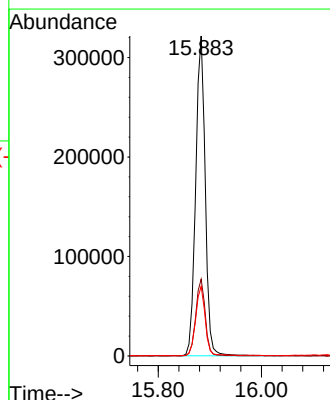
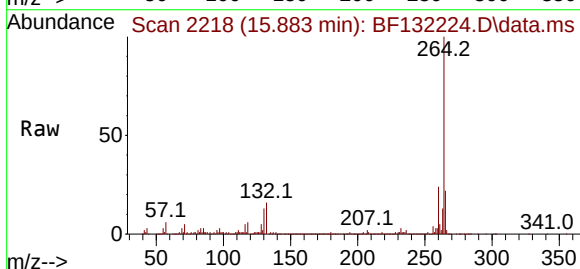
Tgt Ion:264 Resp: 412993

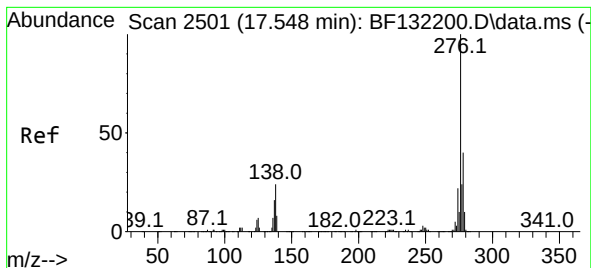
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.703 ng

RT: 17.542 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Instrument :

BNA\_F

ClientSampleId :

72-11985MS

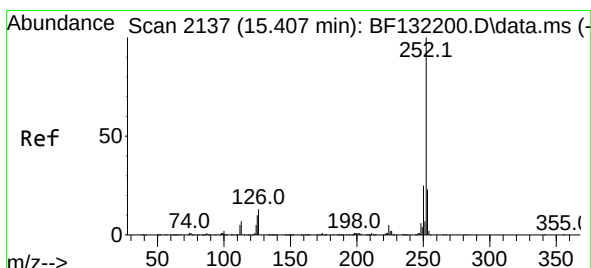
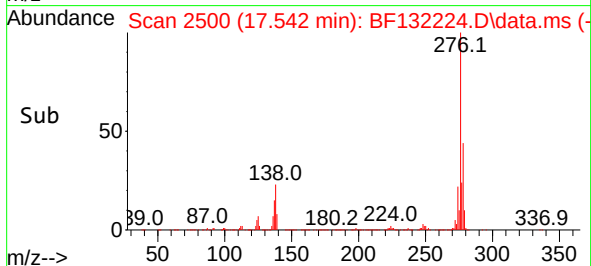
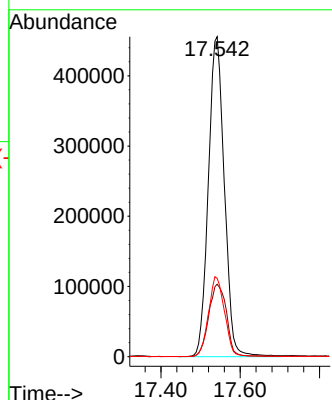
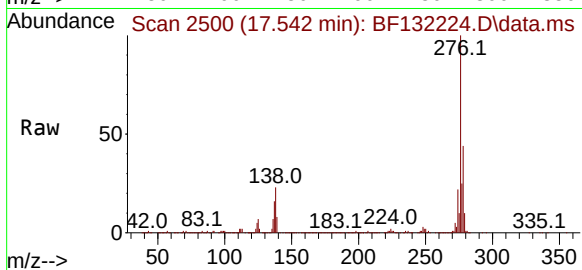
Tgt Ion:276 Resp: 1275247

Ion Ratio Lower Upper

276 100

138 25.1 21.0 31.6

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.613 ng

RT: 15.407 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

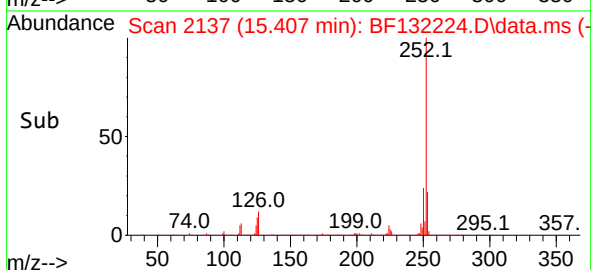
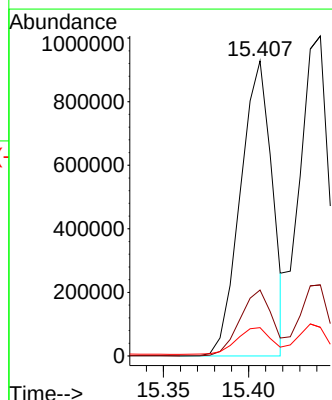
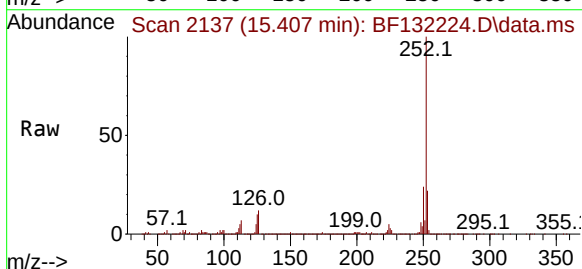
Tgt Ion:252 Resp: 1207711

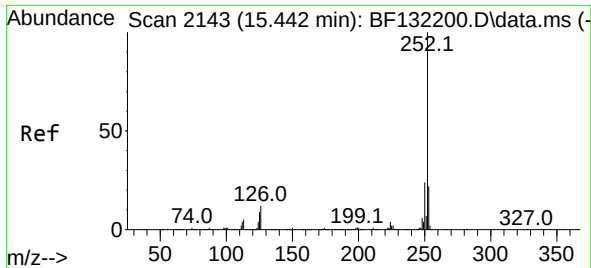
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 9.6 8.2 12.4

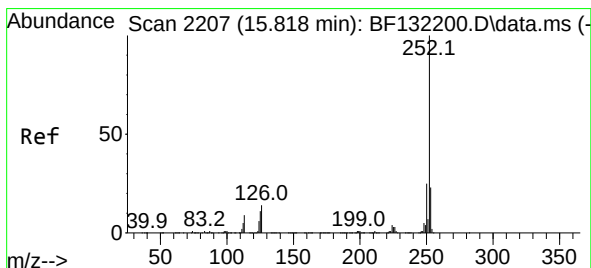
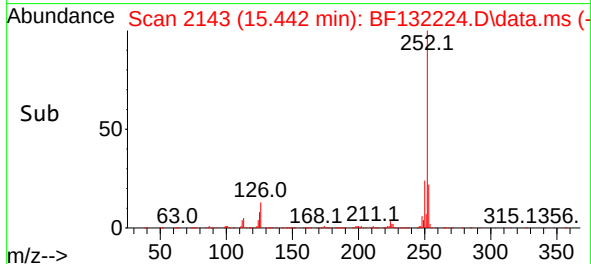
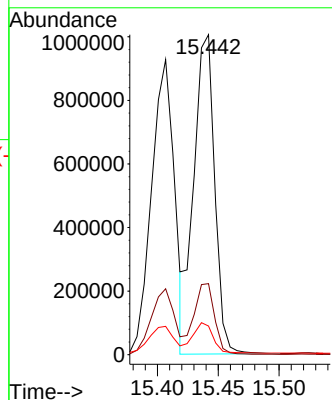
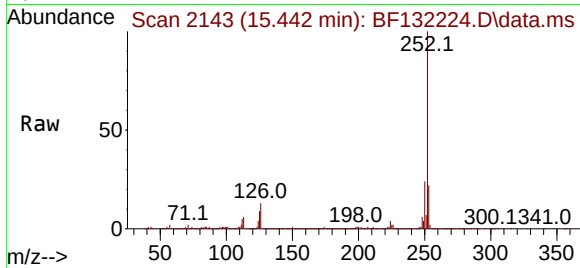




#89  
Benzo(k)fluoranthene  
Concen: 45.990 ng  
RT: 15.442 min Scan# 2143  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

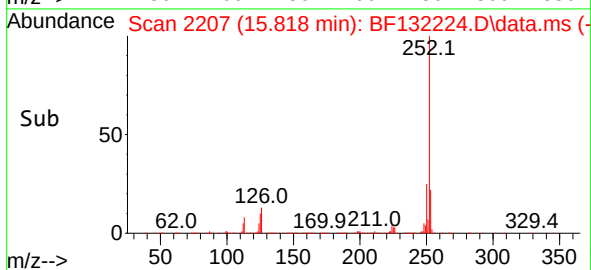
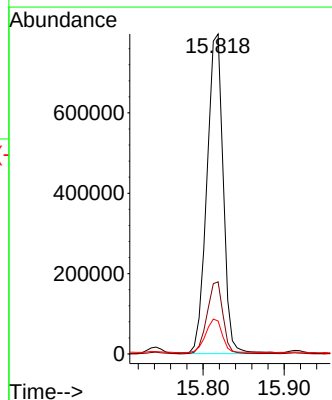
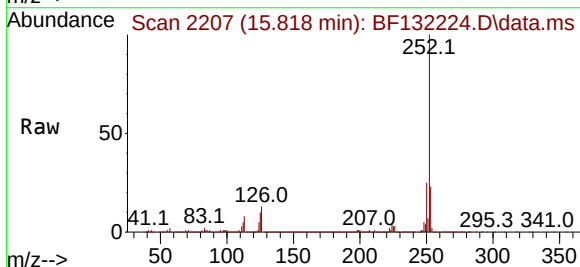
Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

Tgt Ion:252 Resp: 1203690  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.8 26.6  
125 9.0 7.7 11.5

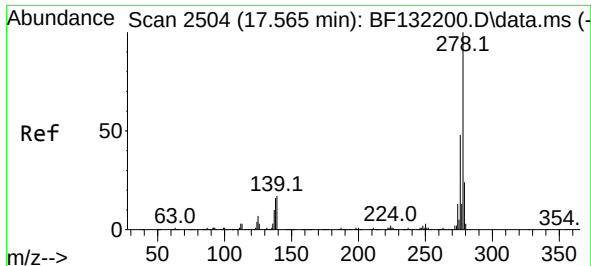


#90  
Benzo(a)pyrene  
Concen: 46.374 ng  
RT: 15.818 min Scan# 2207  
Delta R.T. 0.000 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:252 Resp: 1110117  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.3 27.5  
125 10.3 9.0 13.6



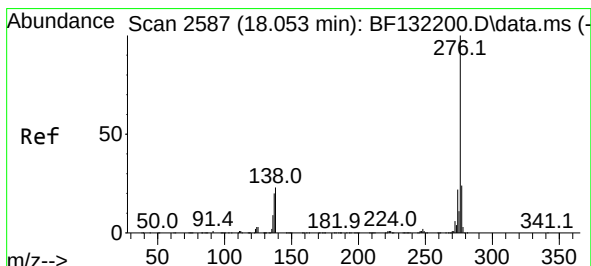
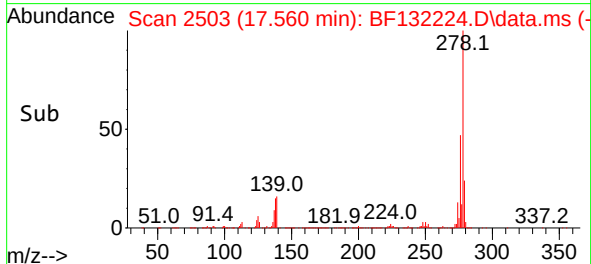
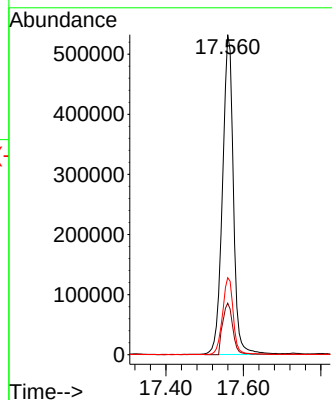
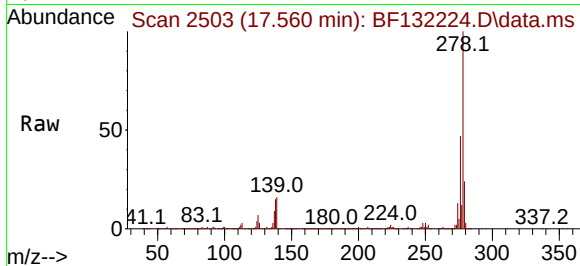




#91  
Dibenzo(a,h)anthracene  
Concen: 46.690 ng  
RT: 17.560 min Scan# 2503  
Delta R.T. -0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Instrument :  
BNA\_F  
ClientSampleId :  
72-11985MS

Tgt Ion:278 Resp: 1042362  
Ion Ratio Lower Upper  
278 100  
139 16.1 13.2 19.8  
279 24.1 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 43.559 ng  
RT: 18.048 min Scan# 2586  
Delta R.T. -0.006 min  
Lab File: BF132224.D  
Acq: 30 Jan 2023 22:26

Tgt Ion:276 Resp: 991499  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.1 28.7  
138 21.6 18.3 27.5

