

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031023\  
 Data File : BF132744.D  
 Acq On : 10 Mar 2023 16:35  
 Operator : CG\JU  
 Sample : 01853-02MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20230163-COMPOSITE-2MS

Quant Time: Mar 10 17:51:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 09 16:26:19 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.981  | 152  | 222088   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.269  | 136  | 827398   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.028 | 164  | 442861   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.527 | 188  | 874798   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.186 | 240  | 429137   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.727 | 264  | 492554   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.622  | 112  | 1404364  | 102.628 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.616  | 99   | 1876683  | 105.084 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.551  | 82   | 1267713  | 72.693  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.828 | 330  | 485368   | 101.484 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.345  | 172  | 1999350  | 68.742  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.116 | 244  | 1935470  | 76.255  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.916  | 88   | 321106   | 42.422  | ng    | 95       |
| 3) Pyridine                   | 3.675  | 79   | 789490   | 39.293  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.646  | 42   | 316645   | 41.722  | ng    | 87       |
| 6) Aniline                    | 6.645  | 93   | 801786   | 33.361  | ng    | 96       |
| 8) 2-Chlorophenol             | 6.769  | 128  | 688551   | 48.482  | ng    | 97       |
| 9) Benzaldehyde               | 6.534  | 77   | 326955   | 33.928  | ng    | 94       |
| 10) Phenol                    | 6.634  | 94   | 891206   | 43.527  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.710  | 93   | 731877   | 46.303  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.922  | 146  | 717844   | 47.100  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.998  | 146  | 719582   | 47.284  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.151  | 146  | 686783   | 47.023  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.128  | 79   | 645494   | 46.931  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.251  | 45   | 871241   | 43.225  | ng    | 93       |
| 17) 2-Methylphenol            | 7.234  | 107  | 561975   | 42.398  | ng    | 99       |
| 18) Hexachloroethane          | 7.492  | 117  | 285626   | 48.041  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.398  | 70   | 454348   | 41.338  | ng    | 92       |
| 20) 3+4-Methylphenols         | 7.387  | 107  | 637225   | 37.212  | ng    | 93       |
| 22) Acetophenone              | 7.392  | 105  | 876269   | 42.000  | ng    | # 92     |
| 24) Nitrobenzene              | 7.569  | 77   | 775963   | 41.604  | ng    | 98       |
| 25) Isophorone                | 7.804  | 82   | 1457564  | 43.594  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.881  | 139  | 378217   | 45.960  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.916  | 122  | 581219   | 44.750  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 8.010  | 93   | 876276   | 44.801  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.128  | 162  | 581675   | 45.022  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.204  | 180  | 645047   | 45.979  | ng    | 99       |
| 31) Naphthalene               | 8.292  | 128  | 1808522  | 42.697  | ng    | 100      |
| 32) Benzoic acid              | 8.051  | 122  | 320937   | 32.687  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.334  | 127  | 221139   | 12.183  | ng    | 95       |
| 34) Hexachlorobutadiene       | 8.398  | 225  | 422453   | 47.388  | ng    | 98       |
| 35) Caprolactam               | 8.728  | 113  | 148059   | 34.761  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.828  | 107  | 627726   | 44.241  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.981  | 142  | 1227024  | 42.507  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.081  | 142  | 1129616  | 41.874  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.151  | 216  | 668565   | 46.142  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.133  | 237  | 683096   | 86.920  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.263  | 196  | 450166   | 45.845  | ng    | 99       |

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Instrument :  
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 20230163-COMPOSITE-2MS

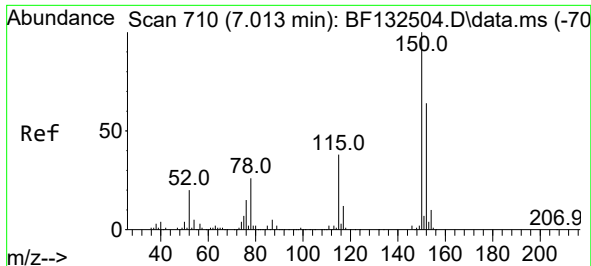
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 09 16:26:19 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.310  | 196  | 471672   | 41.156 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.445  | 154  | 1490851  | 44.477 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.475  | 162  | 1203918  | 45.301 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.575  | 65   | 396422   | 40.501 | ng    | 90       |
| 49) Acenaphthylene            | 9.892  | 152  | 1806176  | 42.704 | ng    | 99       |
| 50) Dimethylphthalate         | 9.745  | 163  | 1454059  | 45.093 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 326220   | 44.422 | ng    | 90       |
| 52) Acenaphthene              | 10.063 | 154  | 1062501  | 39.561 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.986  | 138  | 195096   | 23.749 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 10.098 | 184  | 312361   | 67.786 | ng    | 92       |
| 55) Dibenzofuran              | 10.239 | 168  | 1630943  | 41.655 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.157 | 139  | 416161   | 67.930 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.222 | 165  | 424196   | 43.419 | ng    | 100      |
| 58) Fluorene                  | 10.586 | 166  | 1311370  | 43.787 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.357 | 232  | 378770   | 44.491 | ng    | 99       |
| 60) Diethylphthalate          | 10.445 | 149  | 1395377  | 44.308 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.569 | 204  | 693987   | 44.668 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.610 | 138  | 321149   | 39.826 | ng    | 94       |
| 63) Azobenzene                | 10.733 | 77   | 1585224  | 47.529 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.633 | 198  | 235358   | 39.743 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.692 | 169  | 1164416  | 42.696 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.063 | 248  | 456593   | 46.142 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.133 | 284  | 512566   | 49.227 | ng    | 97       |
| 69) Atrazine                  | 11.216 | 200  | 423175   | 49.702 | ng    | 99       |
| 70) Pentachlorophenol         | 11.333 | 266  | 438335   | 70.758 | ng    | 99       |
| 71) Phenanthrene              | 11.551 | 178  | 1914309  | 42.241 | ng    | 99       |
| 72) Anthracene                | 11.604 | 178  | 1949409  | 41.772 | ng    | 99       |
| 73) Carbazole                 | 11.757 | 167  | 1669208  | 39.671 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.074 | 149  | 2096455  | 42.476 | ng    | 100      |
| 75) Fluoranthene              | 12.745 | 202  | 1760380  | 35.533 | ng    | 99       |
| 77) Benzidine                 | 12.863 | 184  | 549775   | 52.628 | ng    | 100      |
| 78) Pyrene                    | 12.980 | 202  | 1751319  | 44.887 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.586 | 149  | 736956   | 47.865 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.174 | 228  | 1398525  | 43.555 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.127 | 252  | 238397   | 25.184 | ng    | 98       |
| 83) Chrysene                  | 14.210 | 228  | 1310049  | 43.631 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.139 | 149  | 960148   | 50.764 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.763 | 149  | 1570582  | 56.825 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.327 | 276  | 1661007  | 51.465 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.268 | 252  | 1373253  | 41.603 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.298 | 252  | 1368715  | 42.368 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.662 | 252  | 1282802  | 41.524 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.345 | 278  | 1359530  | 51.701 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.815 | 276  | 1389555  | 46.801 | ng    | 99       |

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

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QLast Update : Thu Mar 09 16:26:19 2023  
Response via : Initial Calibration

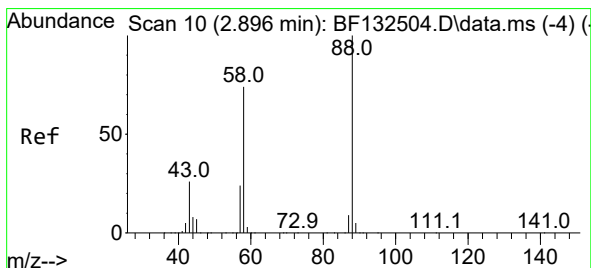
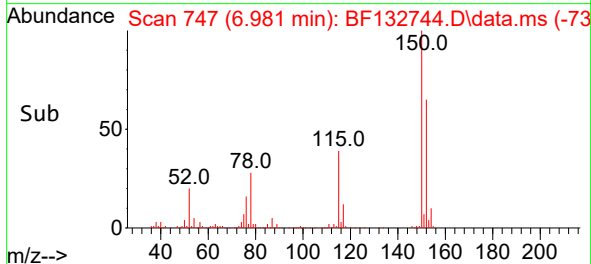
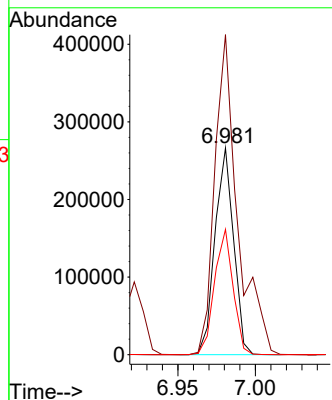
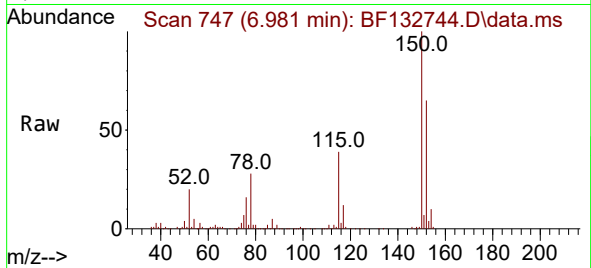




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.981 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

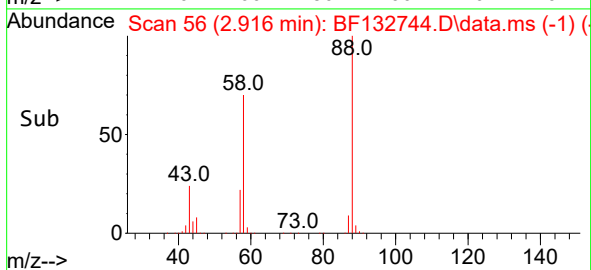
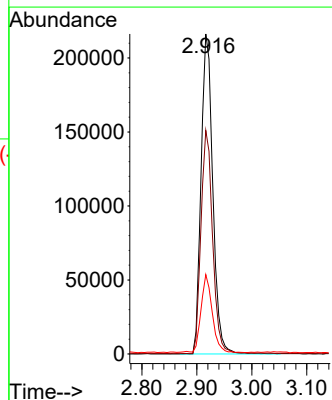
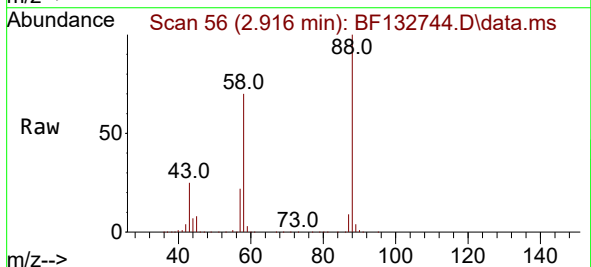
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

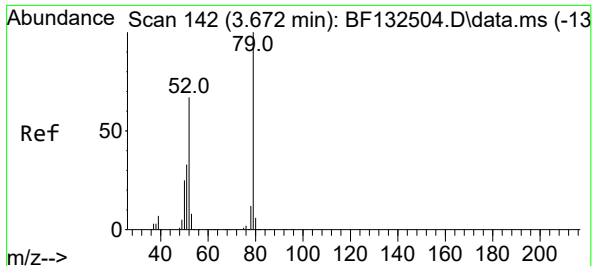
Tgt Ion:152 Resp: 222088  
Ion Ratio Lower Upper  
152 100  
150 154.7 125.4 188.2  
115 60.6 47.8 71.6



#2  
1,4-Dioxane  
Concen: 42.422 ng  
RT: 2.916 min Scan# 56  
Delta R.T. 0.077 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion: 88 Resp: 321106  
Ion Ratio Lower Upper  
88 100  
58 69.1 58.3 87.5  
43 23.4 20.7 31.1

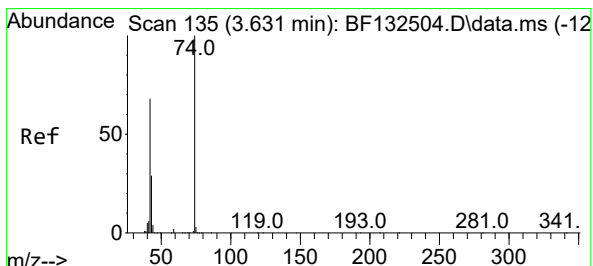
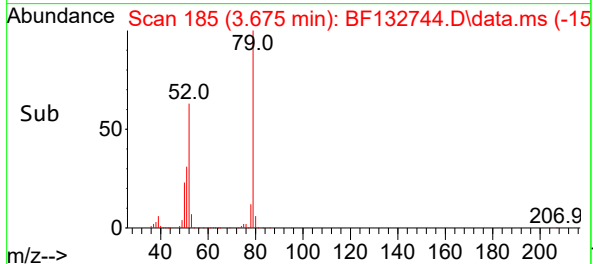
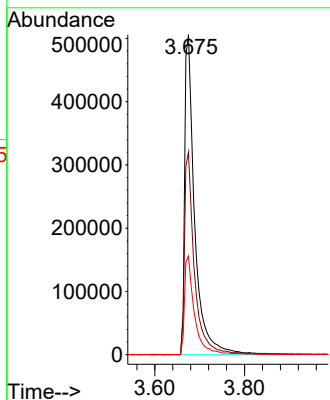
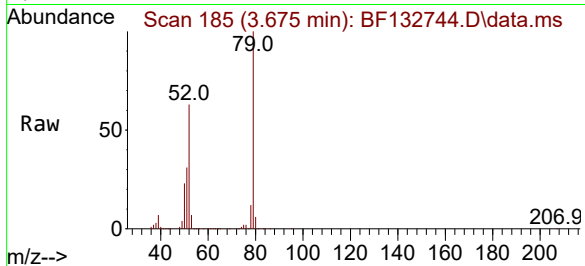




#3  
Pyridine  
Concen: 39.293 ng  
RT: 3.675 min Scan# 11  
Delta R.T. 0.053 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

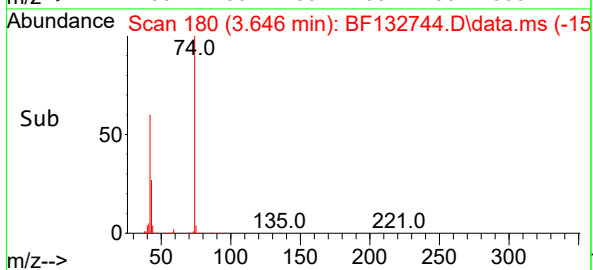
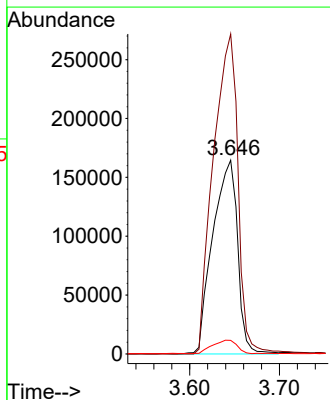
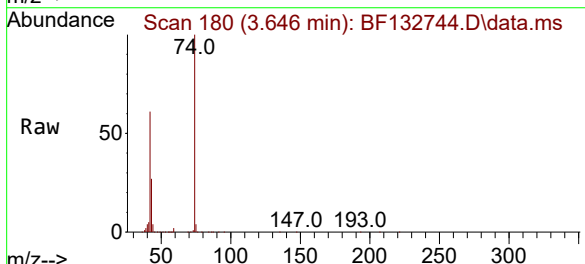
Instrument :  
BNA\_F  
ClientSampleId :  
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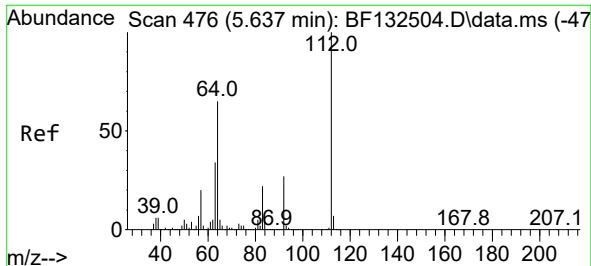
Tgt Ion: 79 Resp: 789490  
Ion Ratio Lower Upper  
79 100  
52 63.3 53.7 80.5  
51 30.8 26.6 40.0



#4  
n-Nitrosodimethylamine  
Concen: 41.722 ng  
RT: 3.646 min Scan# 180  
Delta R.T. 0.059 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion: 42 Resp: 316645  
Ion Ratio Lower Upper  
42 100  
74 165.1 118.2 177.2  
44 7.0 5.3 7.9

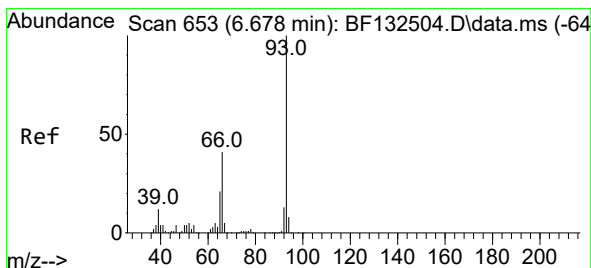
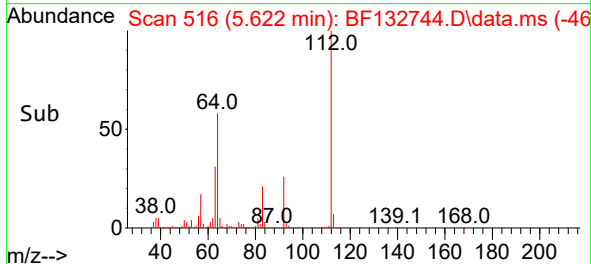
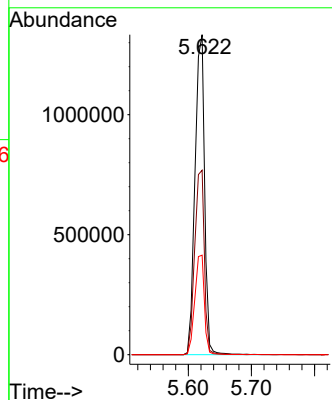
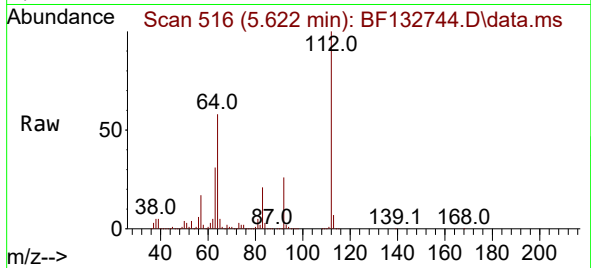




#5  
2-Fluorophenol  
Concen: 102.628 ng  
RT: 5.622 min Scan# 516  
Delta R.T. 0.012 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

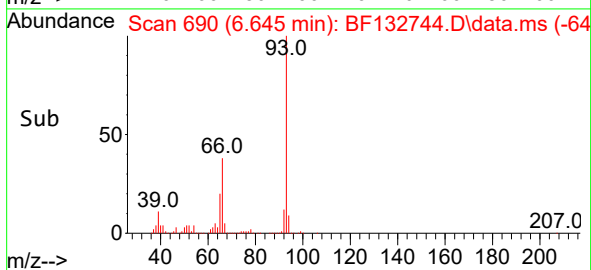
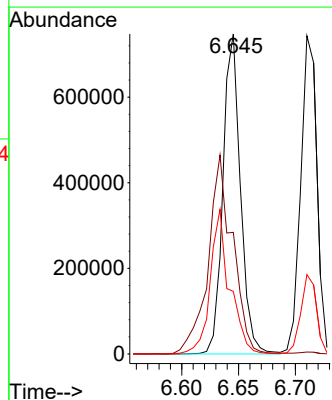
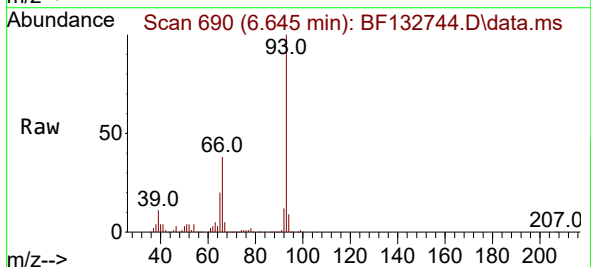
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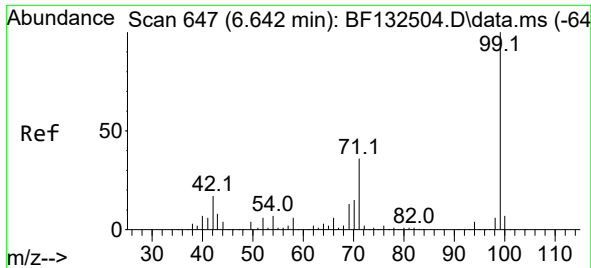
Tgt Ion:112 Resp: 1404364  
Ion Ratio Lower Upper  
112 100  
64 57.7 51.6 77.4  
63 31.1 27.4 41.2



#6  
Aniline  
Concen: 33.361 ng  
RT: 6.645 min Scan# 690  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion: 93 Resp: 801786  
Ion Ratio Lower Upper  
93 100  
66 38.0 32.5 48.7  
65 19.6 16.6 24.8



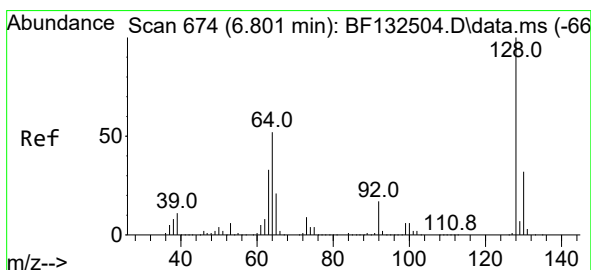
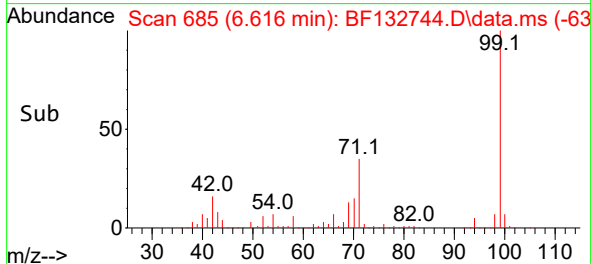
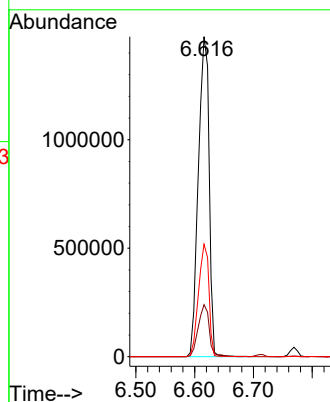
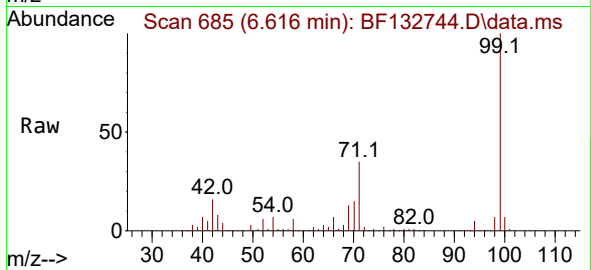


#7  
Phenol-d6  
Concen: 105.084 ng  
RT: 6.616 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

Tgt Ion: 99 Resp: 1876683

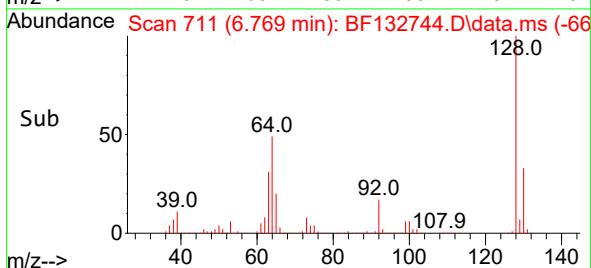
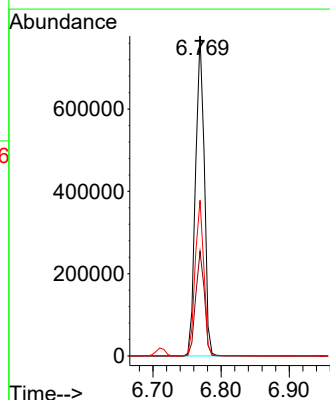
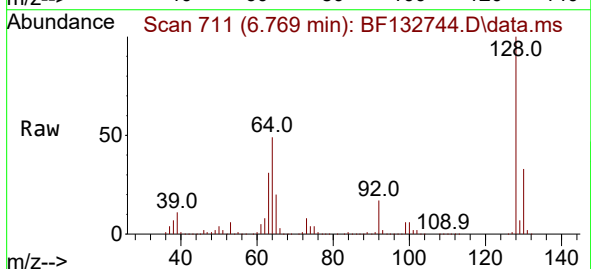
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
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| 42  | 16.2  | 13.9  | 20.9  |
| 71  | 35.1  | 28.5  | 42.7  |

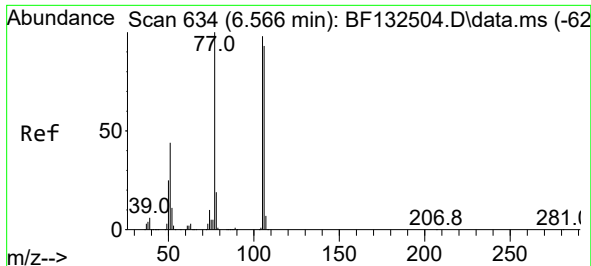


#8  
2-Chlorophenol  
Concen: 48.482 ng  
RT: 6.769 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion: 128 Resp: 688551

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 12.1  | 52.1  |
| 64  | 48.6  | 32.0  | 72.0  |

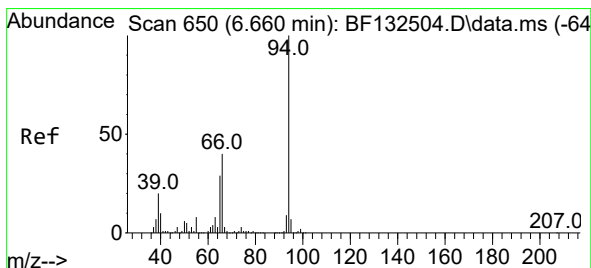
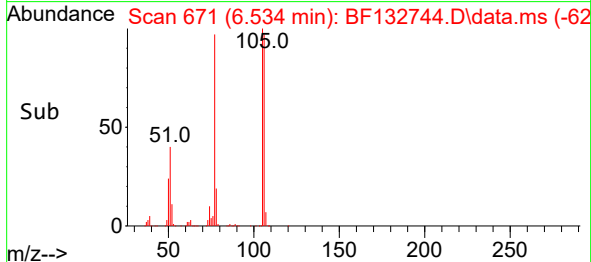
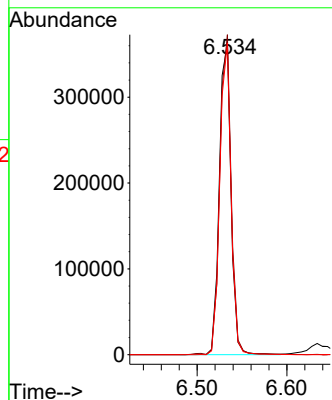
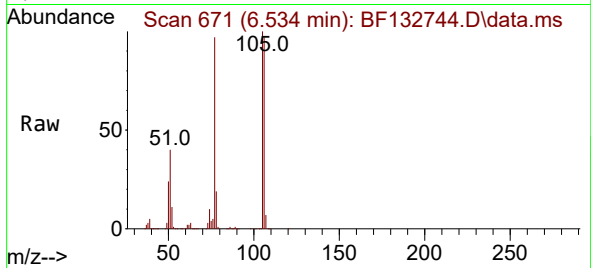




#9  
Benzaldehyde  
Concen: 33.928 ng  
RT: 6.534 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

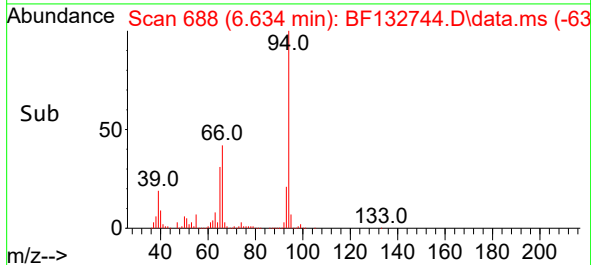
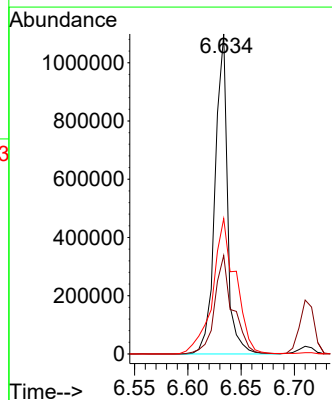
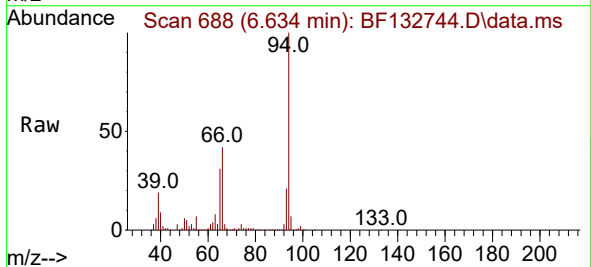
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

Tgt Ion: 77 Resp: 326955  
Ion Ratio Lower Upper  
77 100  
105 103.0 77.9 117.9  
106 100.3 73.4 113.4

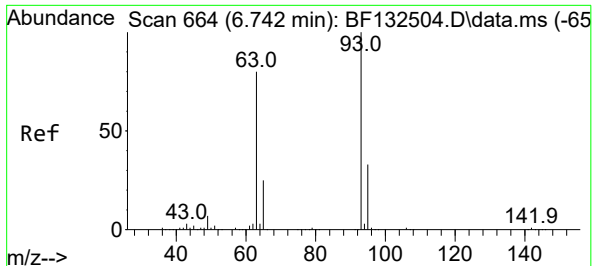


#10  
Phenol  
Concen: 43.527 ng  
RT: 6.634 min Scan# 688  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion: 94 Resp: 891206  
Ion Ratio Lower Upper  
94 100  
65 30.8 9.4 49.4  
66 42.3 19.8 59.8



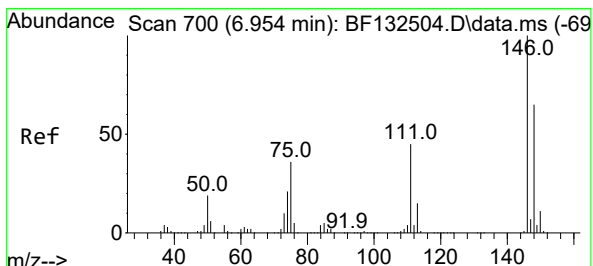
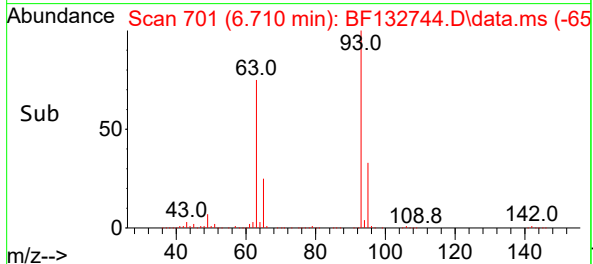
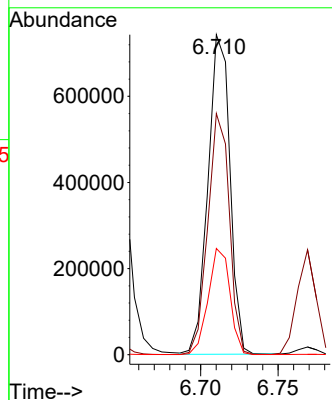
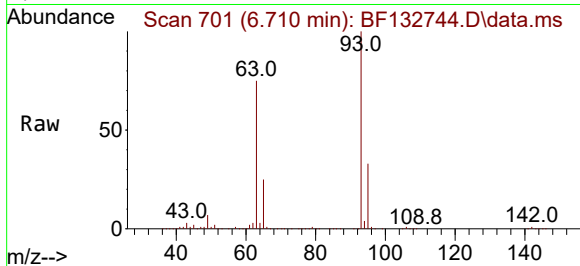




#11  
bis(2-Chloroethyl)ether  
Concen: 46.303 ng  
RT: 6.710 min Scan# 701  
Delta R.T. -0.012 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

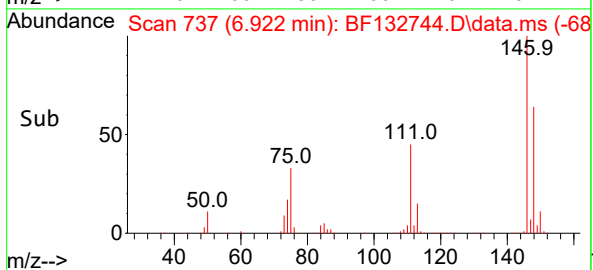
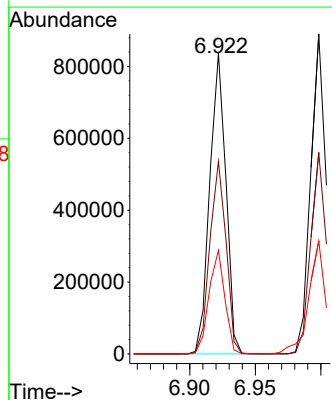
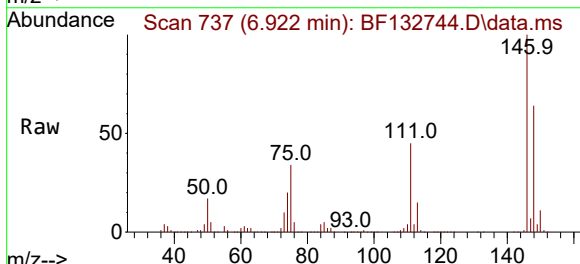
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

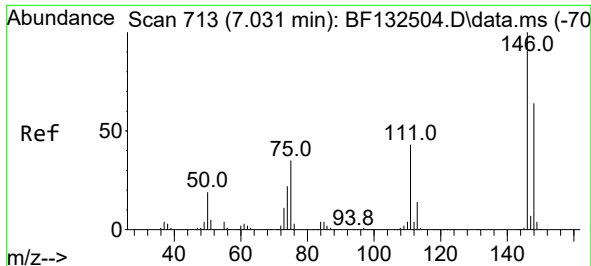
Tgt Ion: 93 Resp: 731877  
Ion Ratio Lower Upper  
93 100  
63 75.3 59.6 99.6  
95 33.2 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 47.100 ng  
RT: 6.922 min Scan# 737  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:146 Resp: 717844  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.9 77.9  
75 34.5 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 47.284 ng

RT: 6.998 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA\_F

ClientSampleId :

20230163-COMPOSITE-2MS

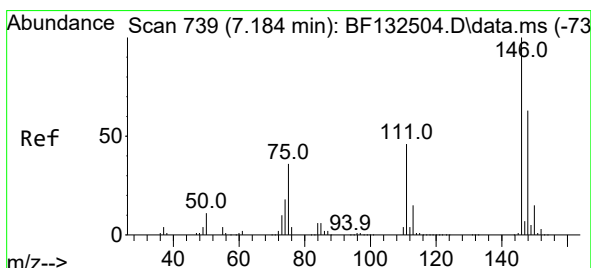
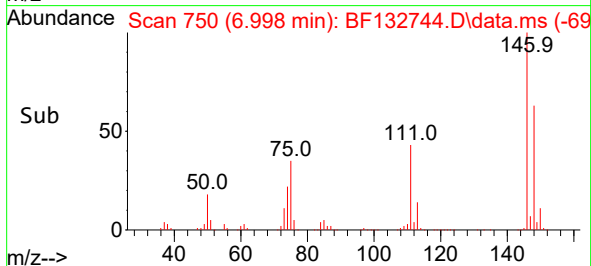
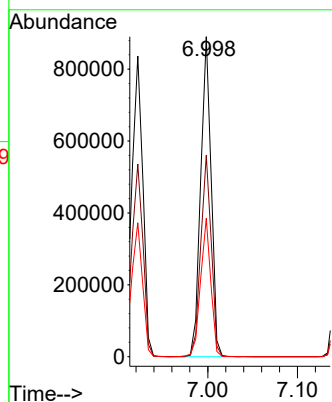
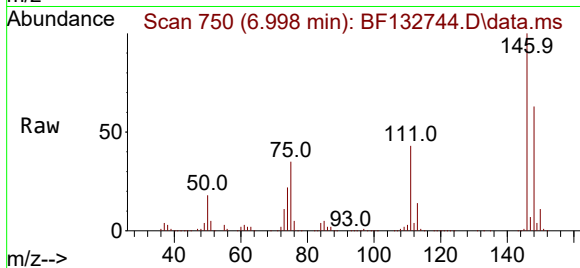
Tgt Ion:146 Resp: 719582

Ion Ratio Lower Upper

146 100

148 62.9 51.1 76.7

111 43.3 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 47.023 ng

RT: 7.151 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

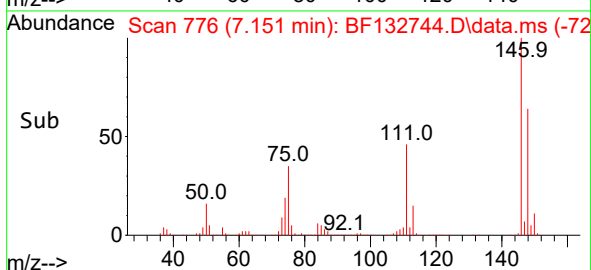
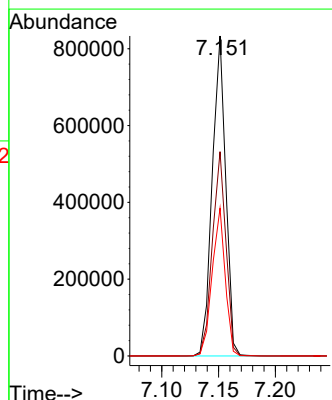
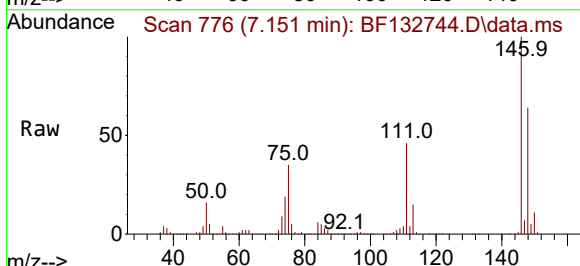
Tgt Ion:146 Resp: 686783

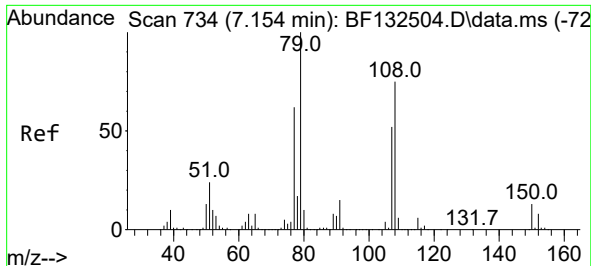
Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

111 46.2 37.2 55.8

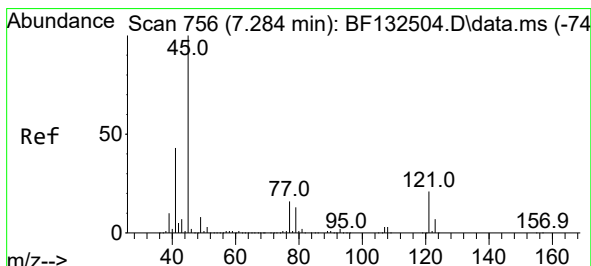
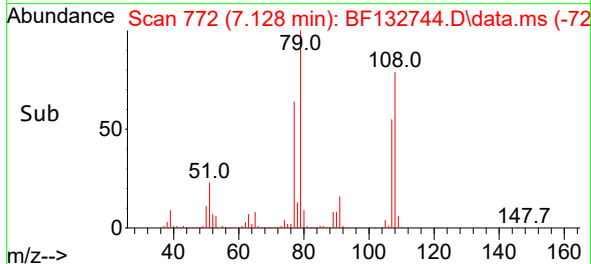
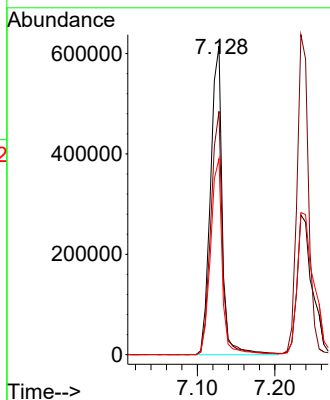
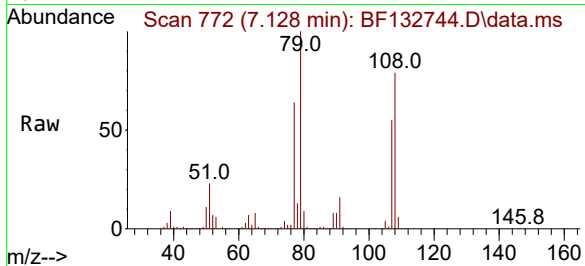




#15  
Benzyl Alcohol  
Concen: 46.931 ng  
RT: 7.128 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

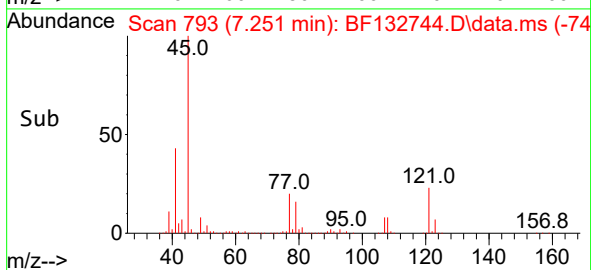
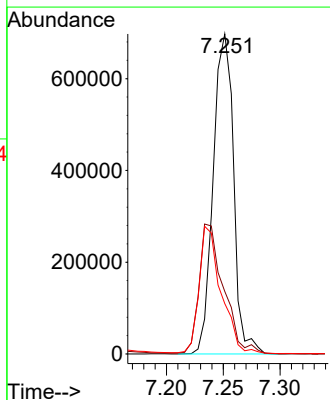
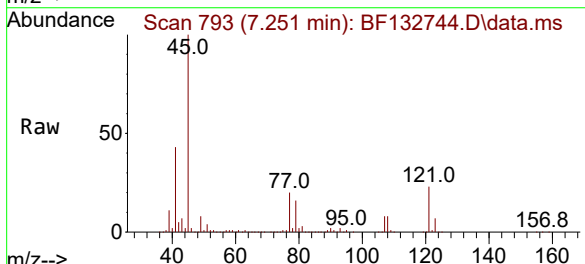
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

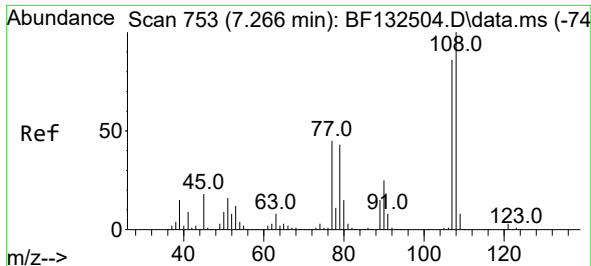
Tgt Ion: 79 Resp: 645494  
Ion Ratio Lower Upper  
79 100  
108 78.9 60.2 90.4  
77 63.5 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.225 ng  
RT: 7.251 min Scan# 793  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion: 45 Resp: 871241  
Ion Ratio Lower Upper  
45 100  
77 19.6 0.0 36.4  
79 15.8 0.0 33.4

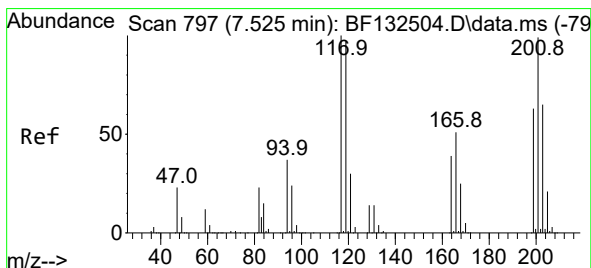
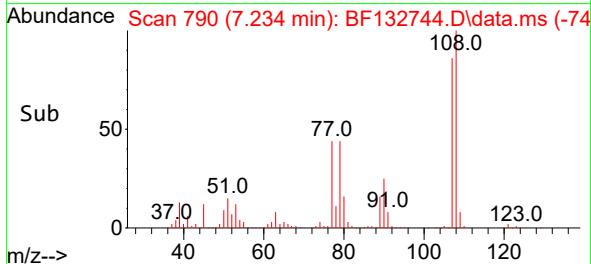
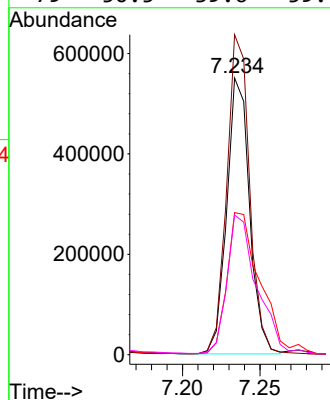
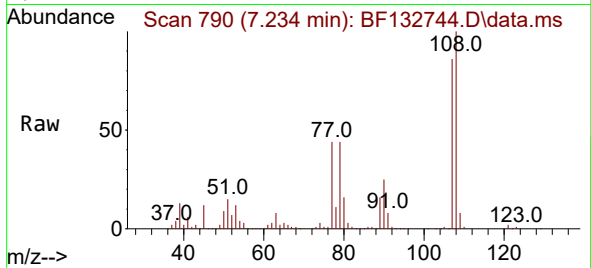




#17  
2-Methylphenol  
Concen: 42.398 ng  
RT: 7.234 min Scan# 790  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

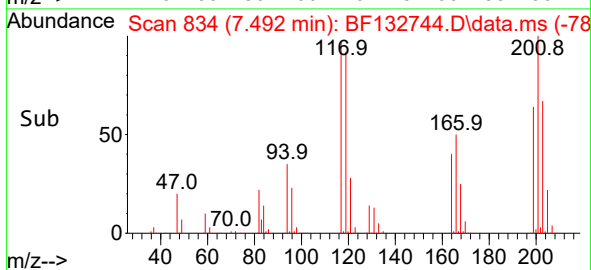
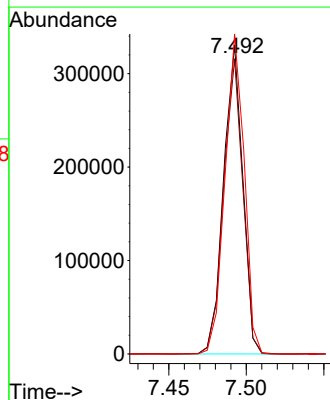
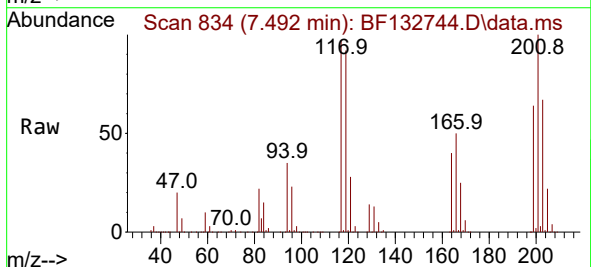
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

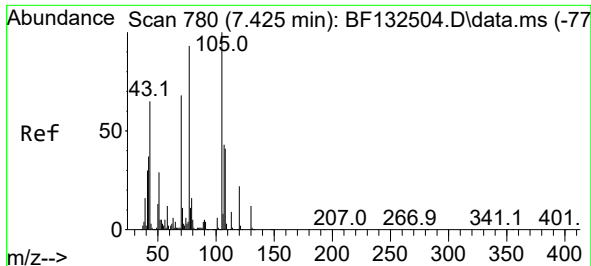
Tgt Ion:107 Resp: 561975  
Ion Ratio Lower Upper  
107 100  
108 115.7 93.0 139.4  
77 51.4 42.1 63.1  
79 50.5 39.6 59.4



#18  
Hexachloroethane  
Concen: 48.041 ng  
RT: 7.492 min Scan# 834  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:117 Resp: 285626  
Ion Ratio Lower Upper  
117 100  
119 95.5 78.0 117.0  
201 103.5 79.0 118.4

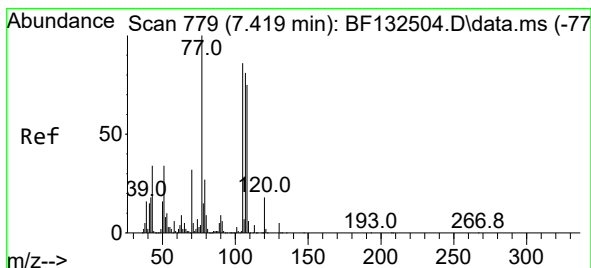
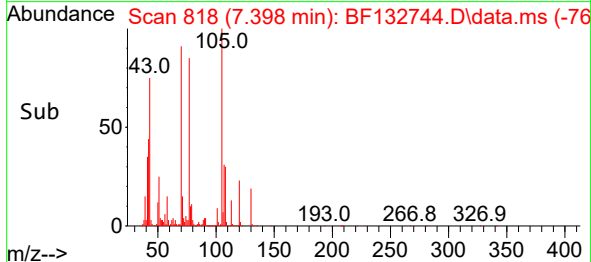
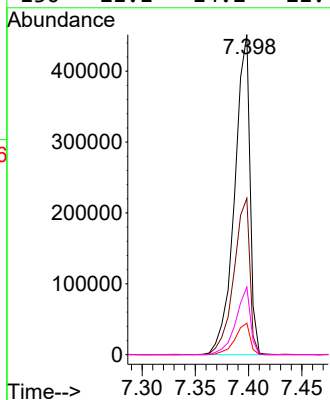
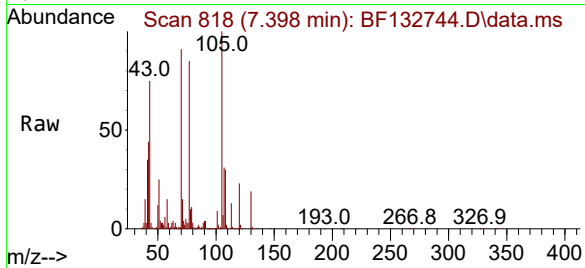




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.338 ng  
RT: 7.398 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

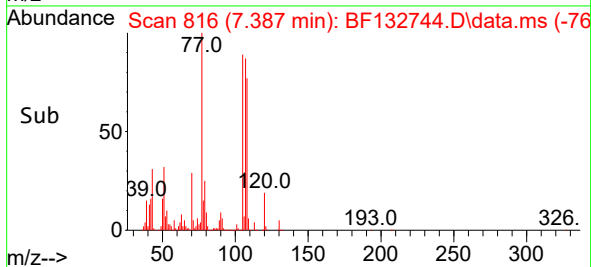
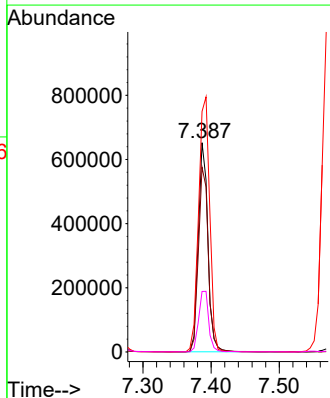
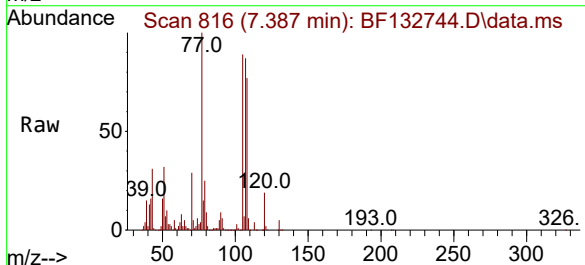
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

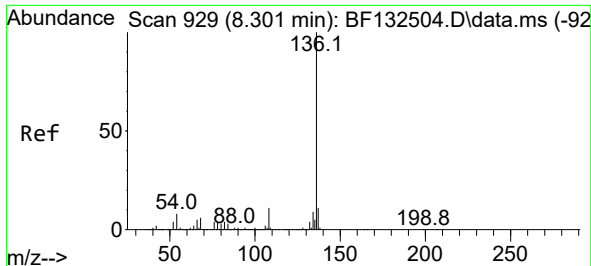
Tgt Ion: 70 Resp: 454348  
Ion Ratio Lower Upper  
70 100  
42 48.8 44.1 66.1  
101 9.9 7.4 11.2  
130 21.1 14.2 21.4



#20  
3+4-Methylphenols  
Concen: 37.212 ng  
RT: 7.387 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion: 107 Resp: 637225  
Ion Ratio Lower Upper  
107 100  
108 88.2 72.6 112.6  
77 114.9 104.0 144.0  
79 28.9 14.1 54.1

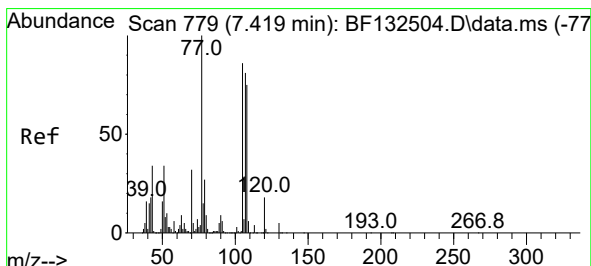
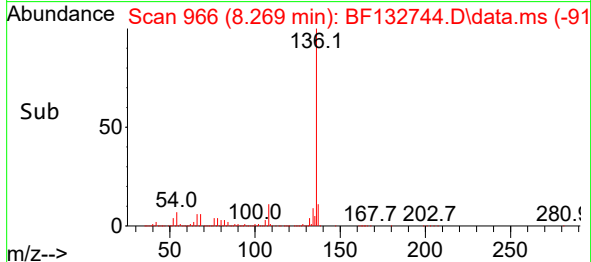
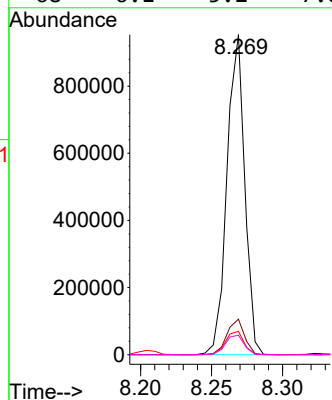
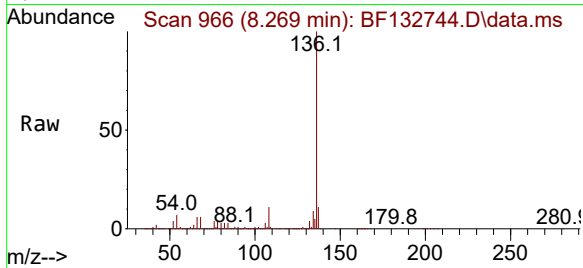




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.269 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

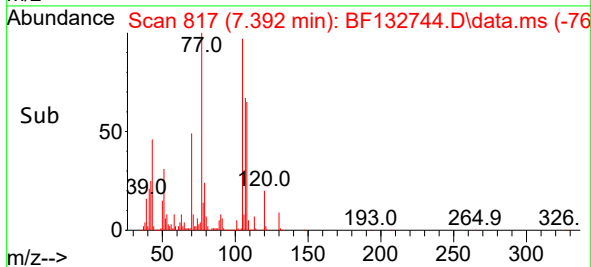
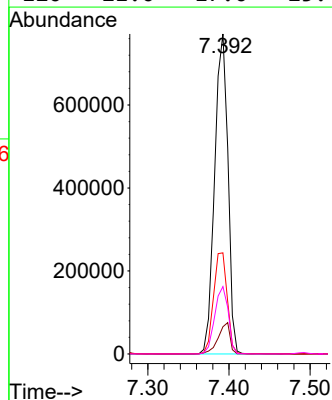
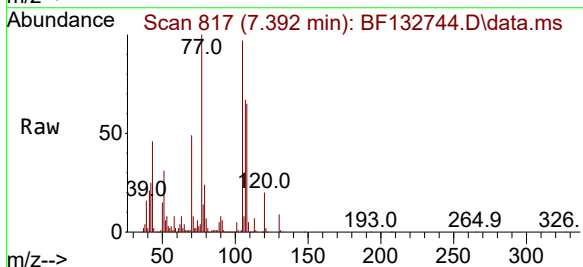
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

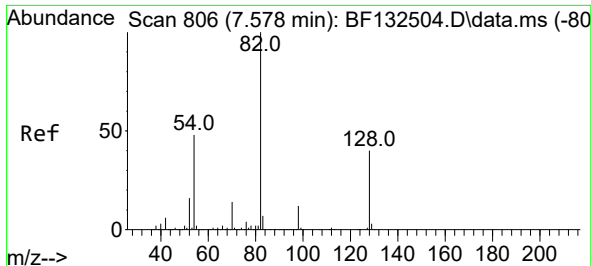
Tgt Ion:136 Resp: 827398  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 7.3 6.2 9.4  
68 6.1 5.2 7.8



#22  
Acetophenone  
Concen: 42.000 ng  
RT: 7.392 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:105 Resp: 876269  
Ion Ratio Lower Upper  
105 100  
71 8.5 5.0 7.4#  
51 31.6 31.5 47.3  
120 21.0 17.0 25.4





#23

Nitrobenzene-d5

Concen: 72.693 ng

RT: 7.551 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA\_F

ClientSampleId :

20230163-COMPOSITE-2MS

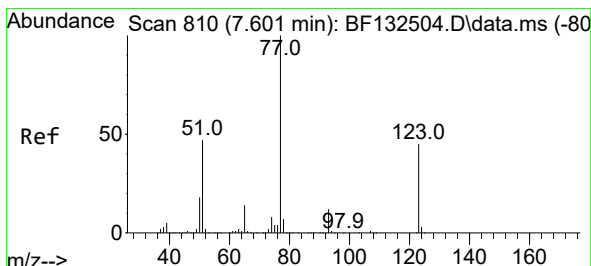
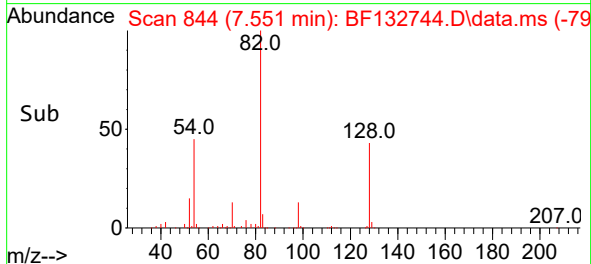
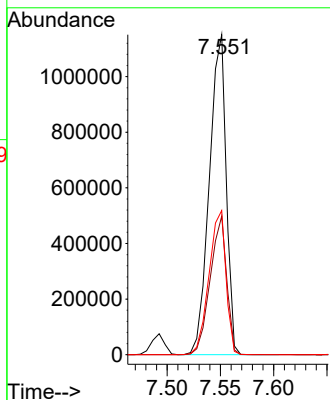
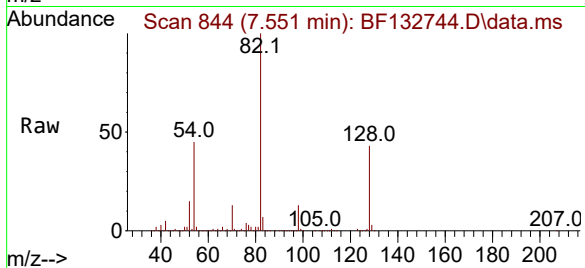
Tgt Ion: 82 Resp: 1267713

Ion Ratio Lower Upper

82 100

128 43.3 32.2 48.2

54 45.1 38.4 57.6



#24

Nitrobenzene

Concen: 41.604 ng

RT: 7.569 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

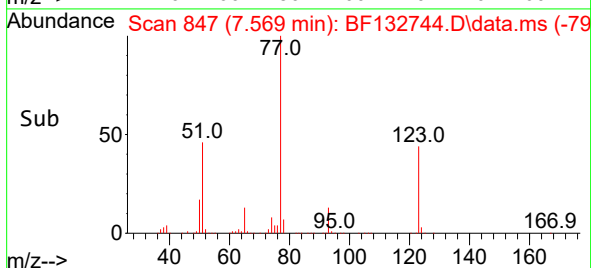
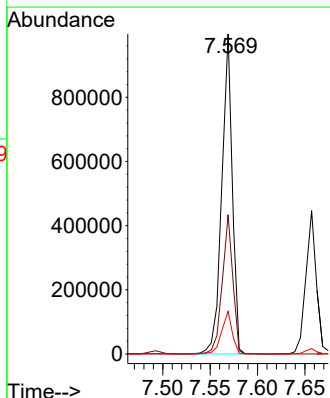
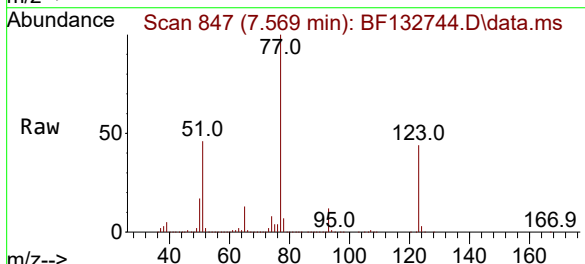
Tgt Ion: 77 Resp: 775963

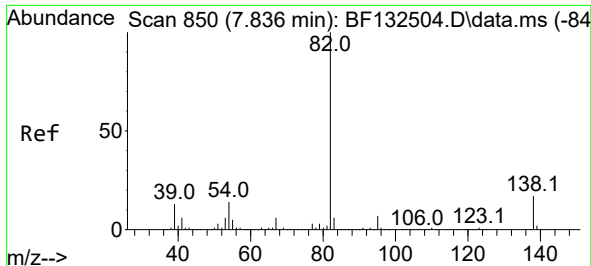
Ion Ratio Lower Upper

77 100

123 43.5 35.8 53.6

65 13.3 10.9 16.3

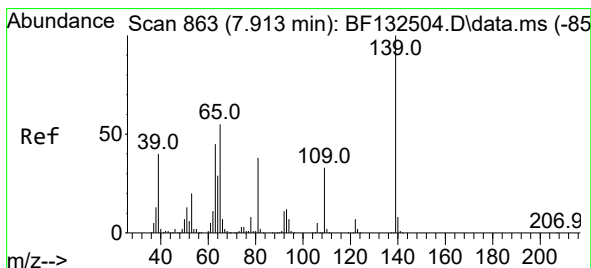
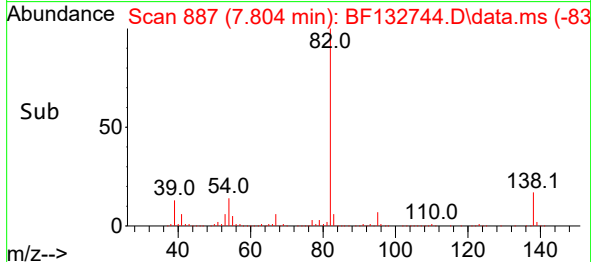
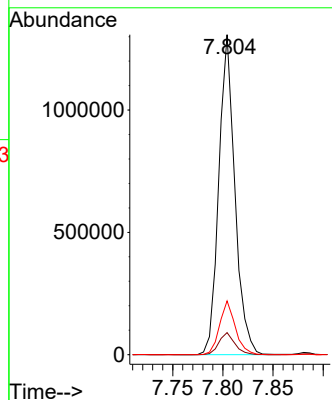
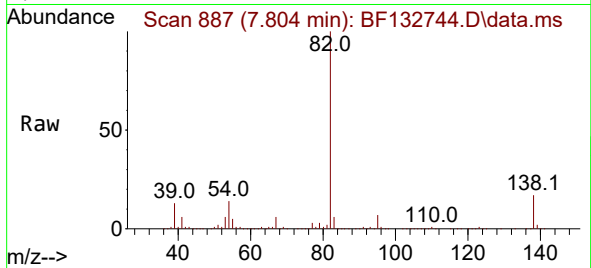




#25  
Isophorone  
Concen: 43.594 ng  
RT: 7.804 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

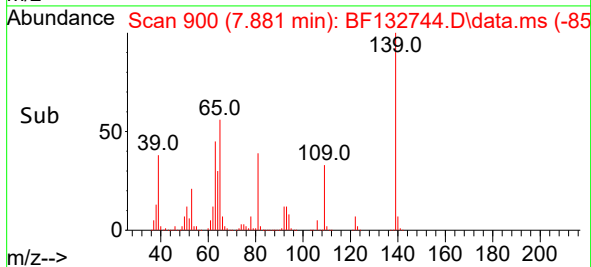
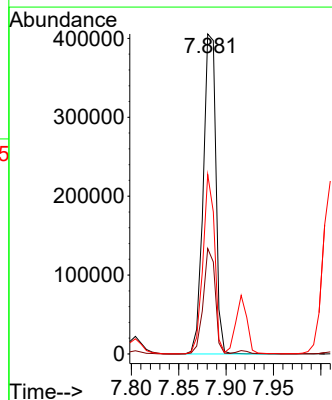
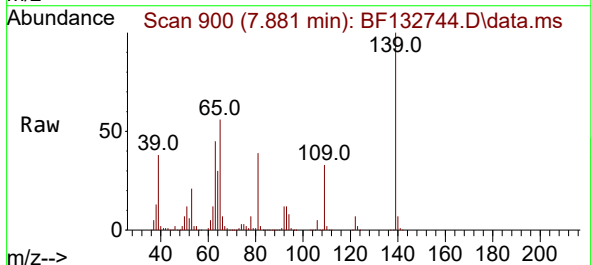
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

Tgt Ion: 82 Resp: 1457564  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.7 8.5  
138 16.8 13.3 19.9

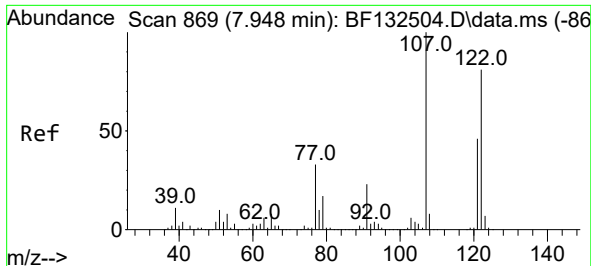


#26  
2-Nitrophenol  
Concen: 45.960 ng  
RT: 7.881 min Scan# 900  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:139 Resp: 378217  
Ion Ratio Lower Upper  
139 100  
109 32.9 26.2 39.2  
65 56.1 43.8 65.8



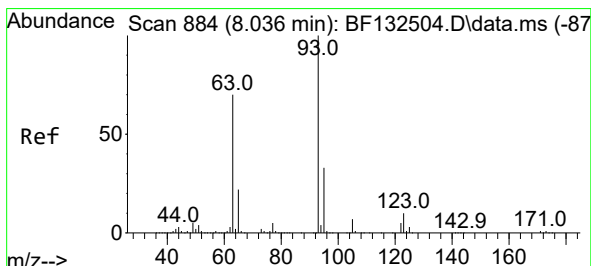
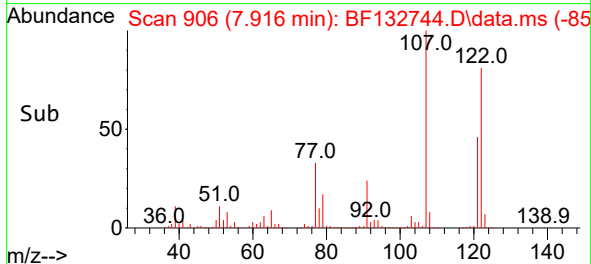
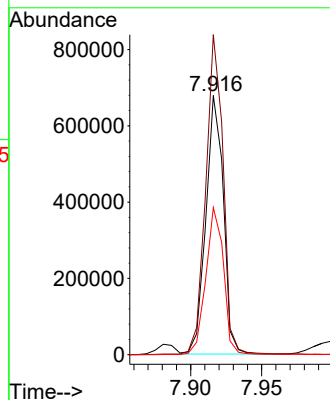
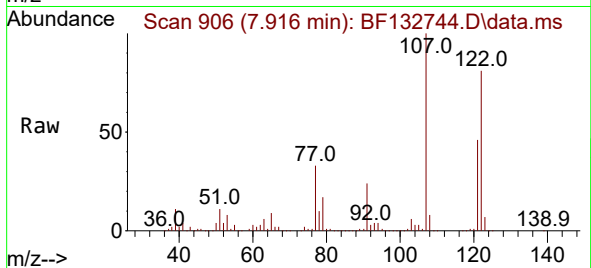




#27  
2,4-Dimethylphenol  
Concen: 44.750 ng  
RT: 7.916 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

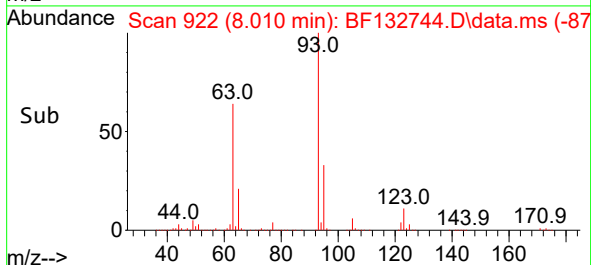
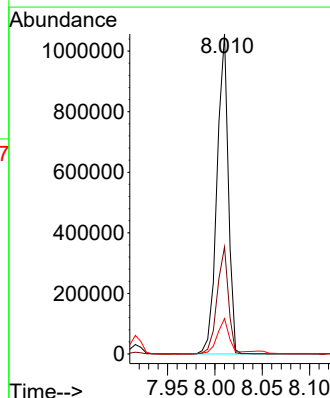
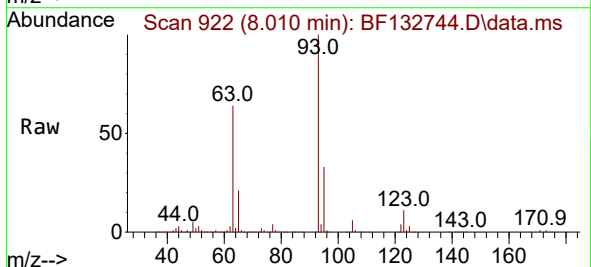
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

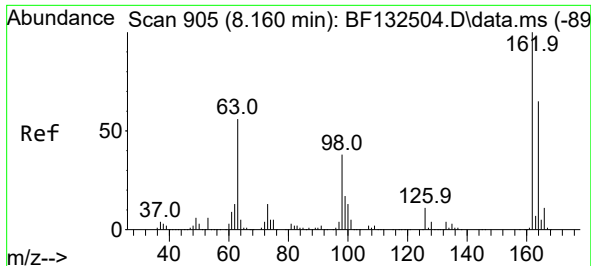
Tgt Ion:122 Resp: 581219  
Ion Ratio Lower Upper  
122 100  
107 123.5 98.7 148.1  
121 56.7 45.8 68.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.801 ng  
RT: 8.010 min Scan# 922  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion: 93 Resp: 876276  
Ion Ratio Lower Upper  
93 100  
95 33.4 26.3 39.5  
123 11.0 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 45.022 ng

RT: 8.128 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF132744.D

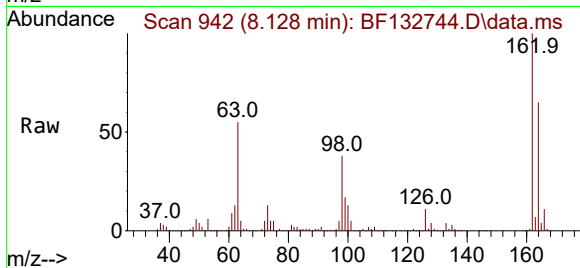
Acq: 10 Mar 2023 16:35

Instrument :

BNA\_F

ClientSampleId :

20230163-COMPOSITE-2MS



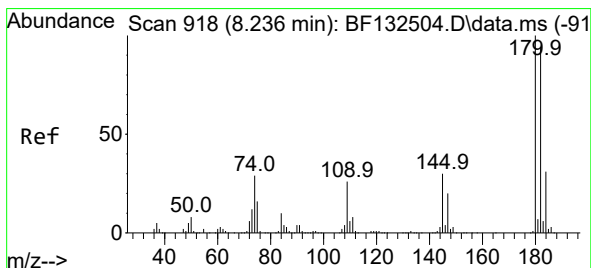
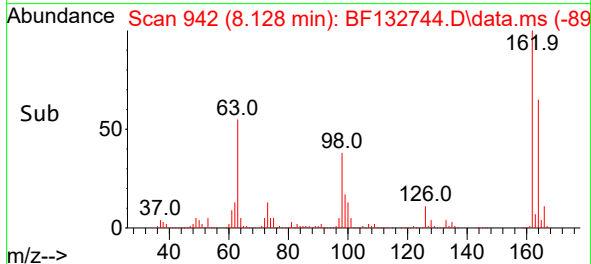
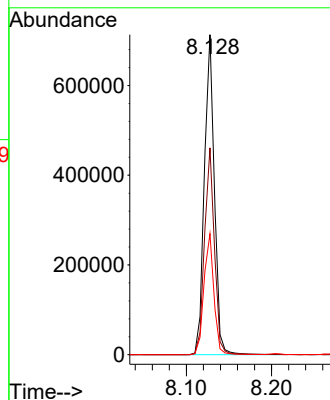
Tgt Ion:162 Resp: 581675

Ion Ratio Lower Upper

162 100

164 64.6 45.3 85.3

98 37.8 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 45.979 ng

RT: 8.204 min Scan# 955

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

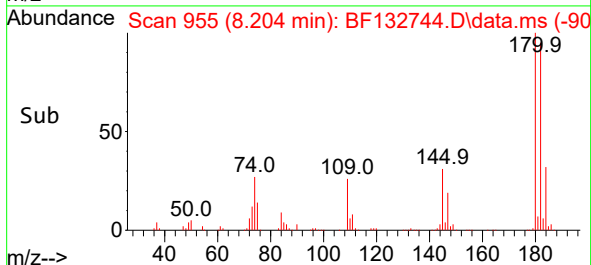
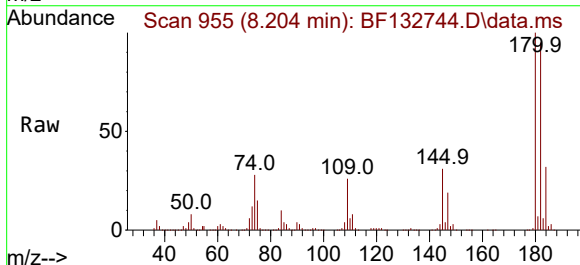
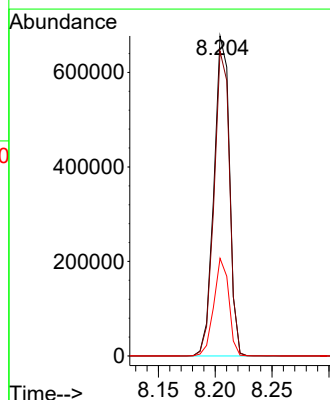
Tgt Ion:180 Resp: 645047

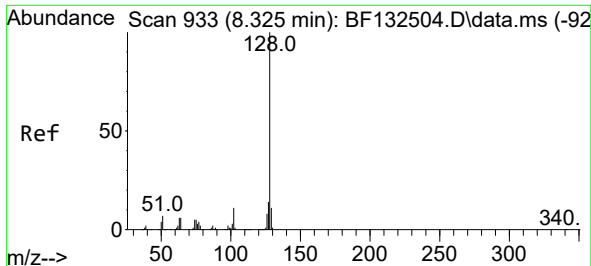
Ion Ratio Lower Upper

180 100

182 95.2 75.1 112.7

145 30.5 23.8 35.6

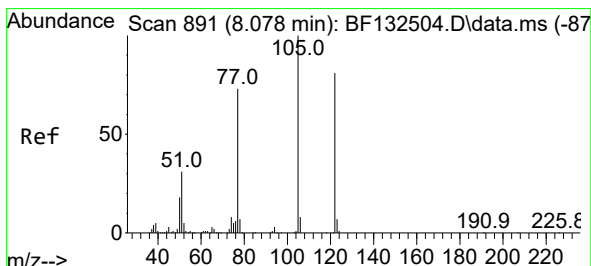
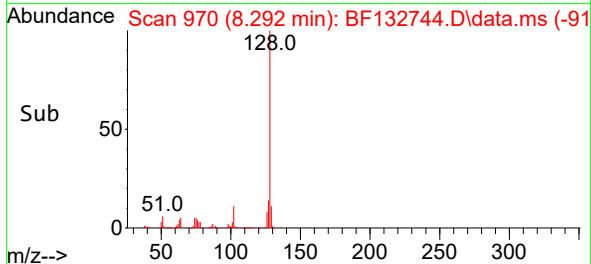
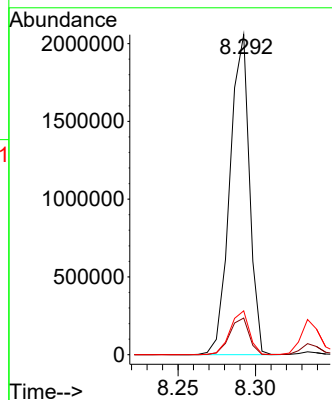
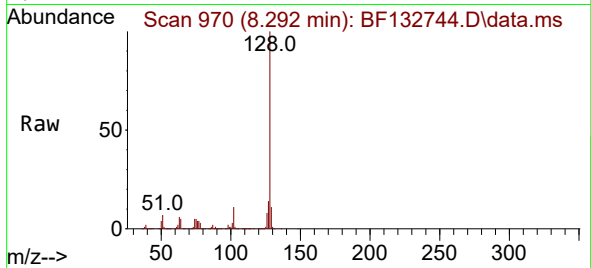




#31  
Naphthalene  
Concen: 42.697 ng  
RT: 8.292 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

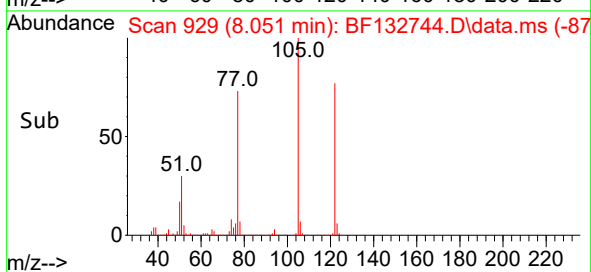
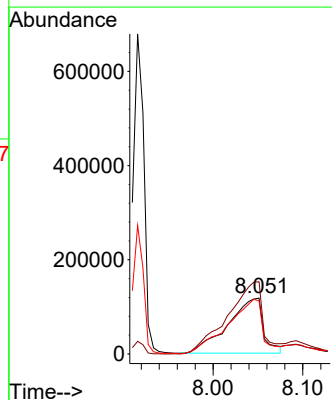
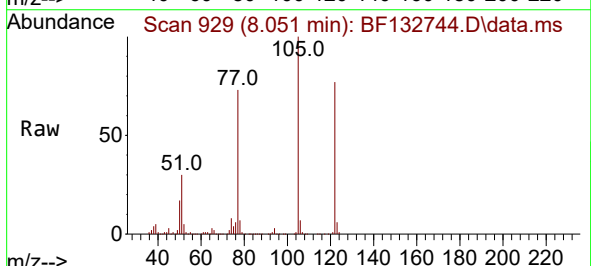
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

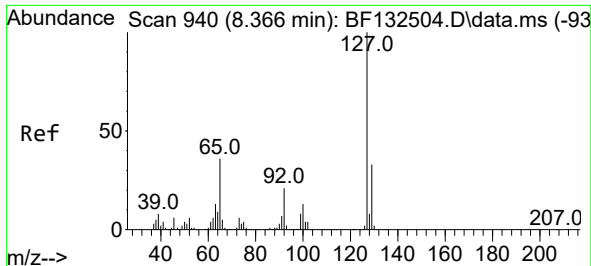
Tgt Ion:128 Resp: 1808522  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.1 13.7  
127 13.7 11.0 16.6



#32  
Benzoic acid  
Concen: 32.687 ng  
RT: 8.051 min Scan# 929  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:122 Resp: 320937  
Ion Ratio Lower Upper  
122 100  
105 129.3 102.6 142.6  
77 95.0 70.2 110.2

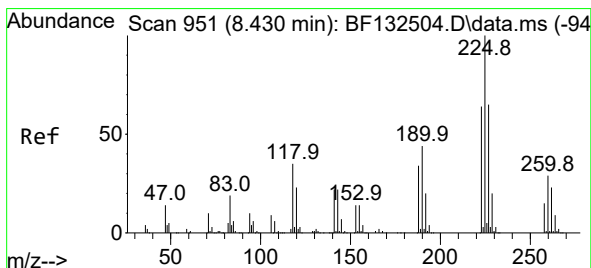
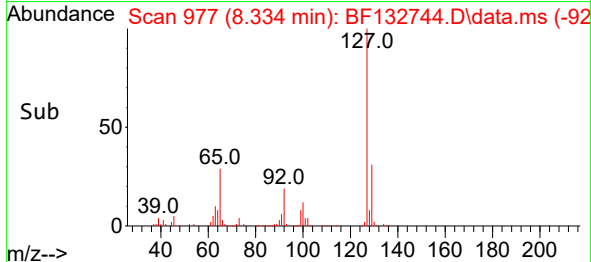
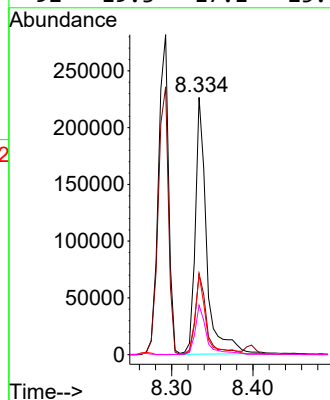
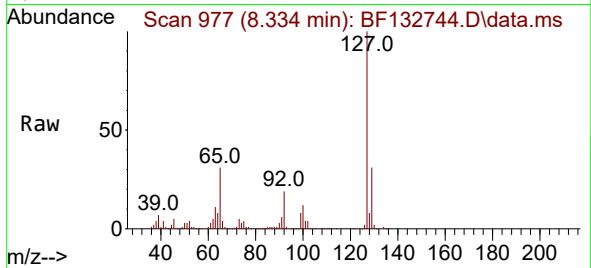




#33  
4-Chloroaniline  
Concen: 12.183 ng  
RT: 8.334 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

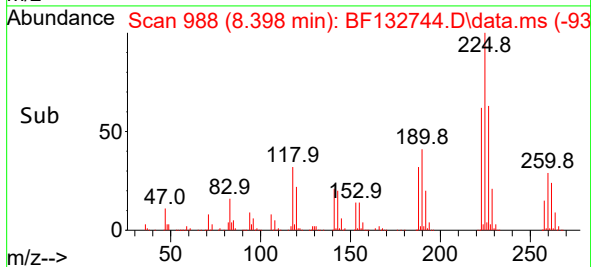
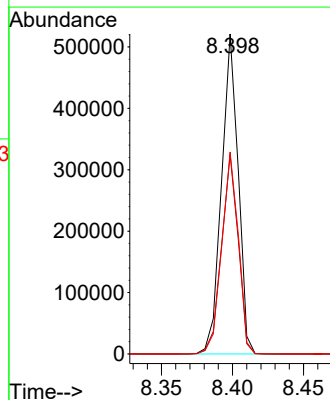
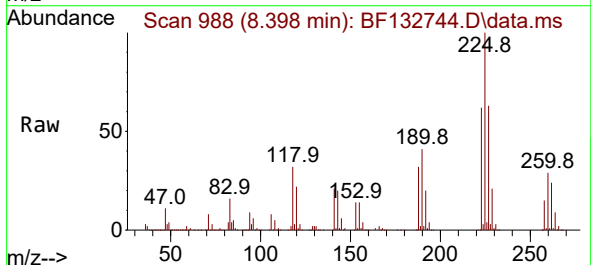
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

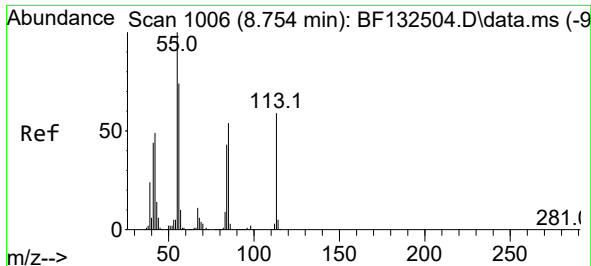
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 221139 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 31.5  | 26.4  | 39.6   |
| 65        | 31.1  | 28.8  | 43.2   |
| 92        | 19.3  | 17.1  | 25.7   |



#34  
Hexachlorobutadiene  
Concen: 47.388 ng  
RT: 8.398 min Scan# 988  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 422453 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.4  | 51.0  | 76.4   |
| 227       | 63.1  | 51.7  | 77.5   |

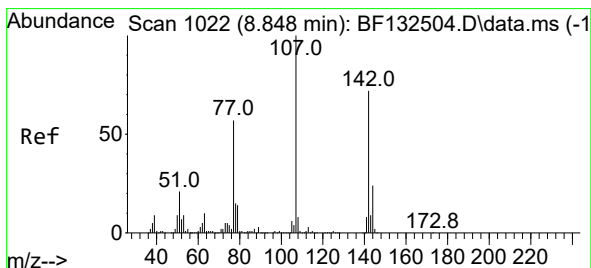
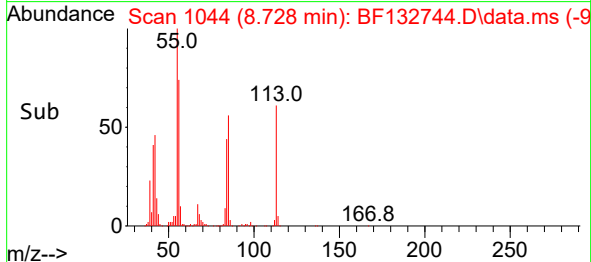
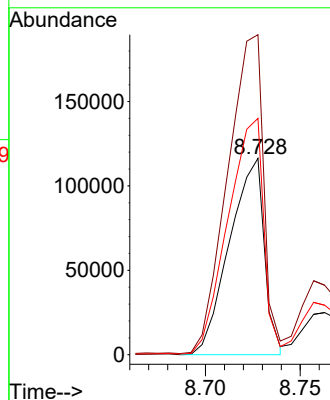
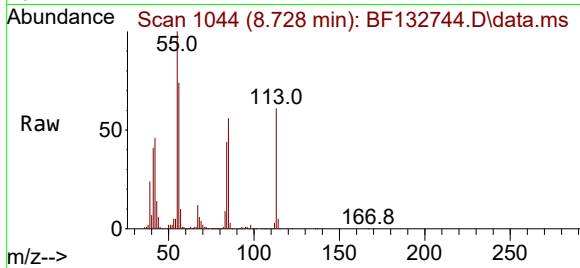




#35  
Caprolactam  
Concen: 34.761 ng  
RT: 8.728 min Scan# 1061  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

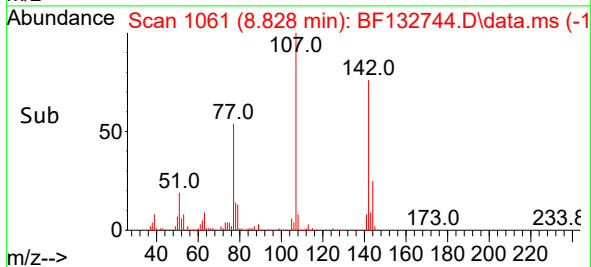
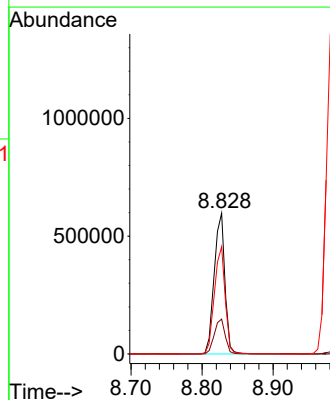
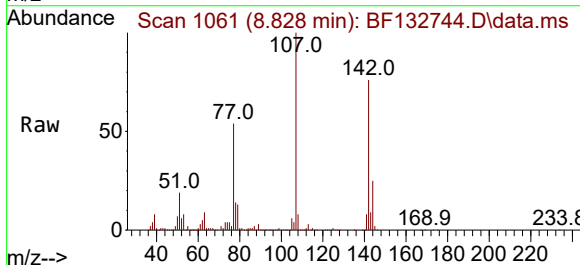
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

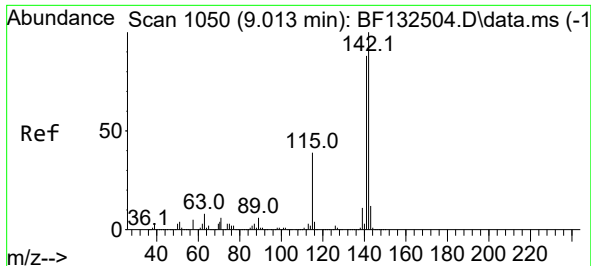
Tgt Ion:113 Resp: 148059  
Ion Ratio Lower Upper  
113 100  
55 163.0 149.4 189.4  
56 120.4 105.0 145.0



#36  
4-Chloro-3-methylphenol  
Concen: 44.241 ng  
RT: 8.828 min Scan# 1061  
Delta R.T. 0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:107 Resp: 627726  
Ion Ratio Lower Upper  
107 100  
144 24.7 18.9 28.3  
142 76.2 57.9 86.9

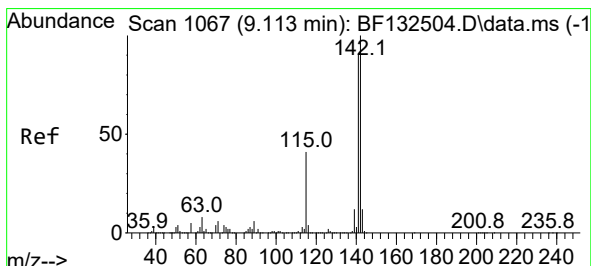
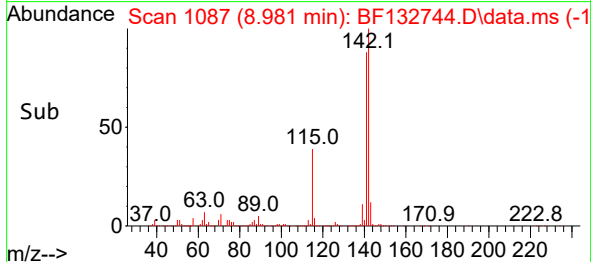
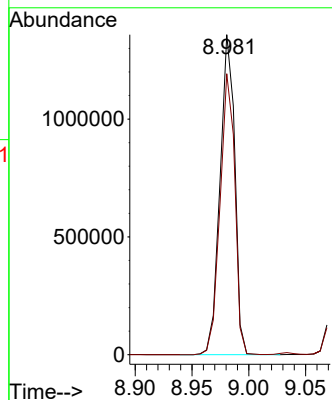
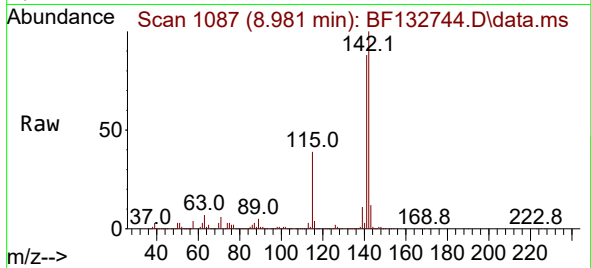




#37  
2-Methylnaphthalene  
Concen: 42.507 ng  
RT: 8.981 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

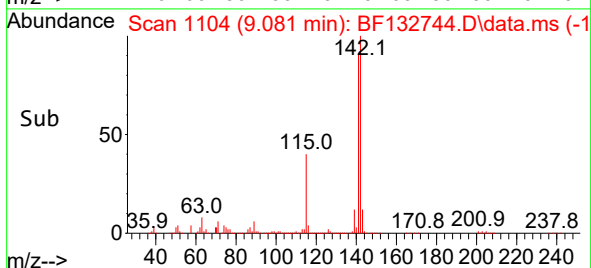
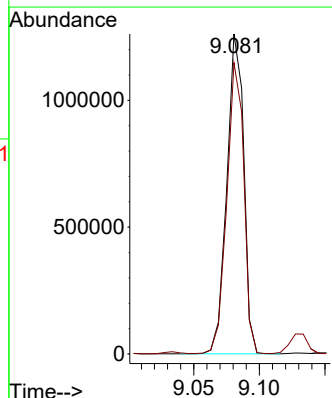
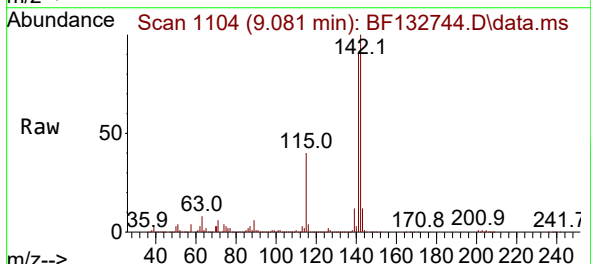
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

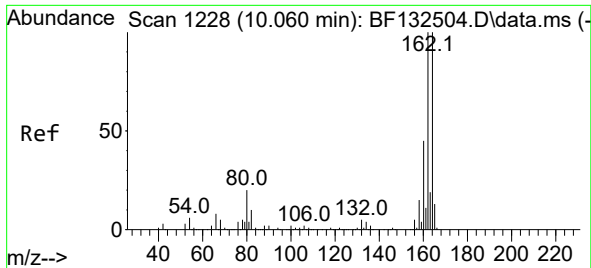
Tgt Ion:142 Resp: 1227024  
Ion Ratio Lower Upper  
142 100  
141 87.8 70.2 105.2



#38  
1-Methylnaphthalene  
Concen: 41.874 ng  
RT: 9.081 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:142 Resp: 1129616  
Ion Ratio Lower Upper  
142 100  
141 91.0 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.028 min Scan# 1116

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA\_F

ClientSampleId :

20230163-COMPOSITE-2MS

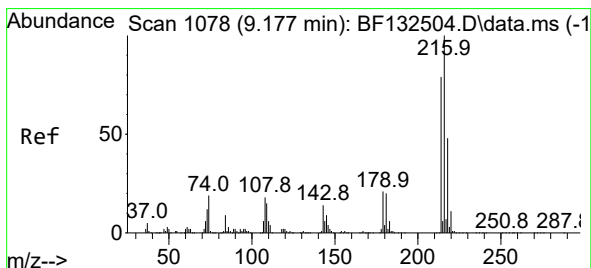
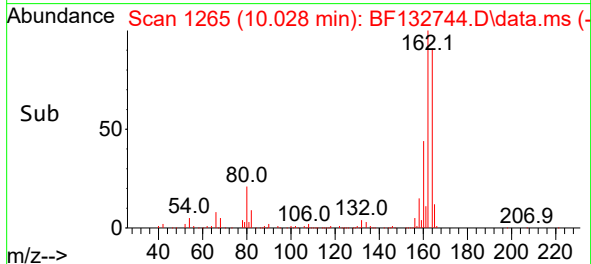
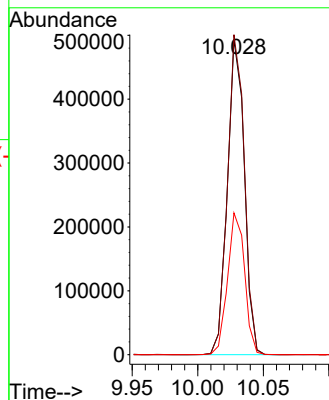
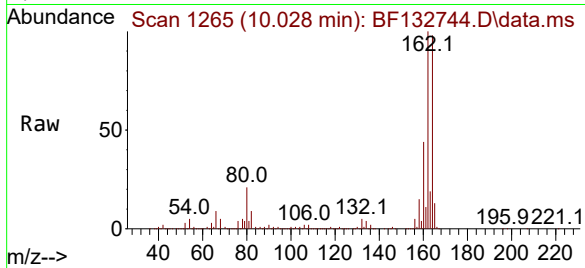
Tgt Ion:164 Resp: 442861

Ion Ratio Lower Upper

164 100

162 101.6 79.8 119.8

160 45.0 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.142 ng

RT: 9.151 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Tgt Ion:216 Resp: 668565

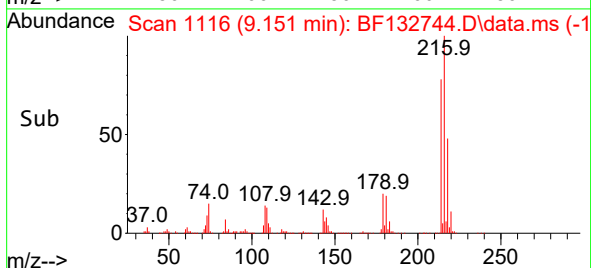
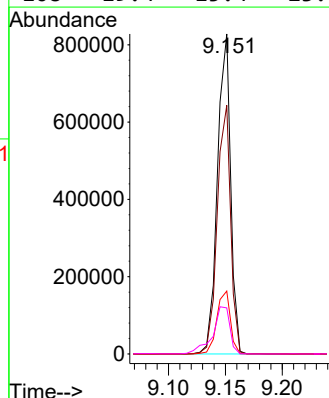
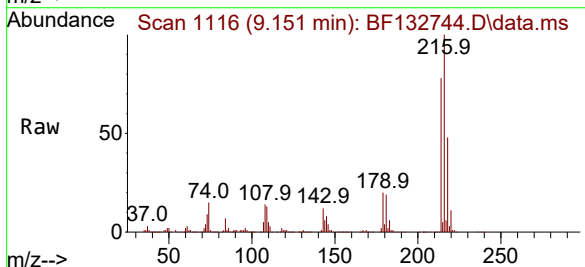
Ion Ratio Lower Upper

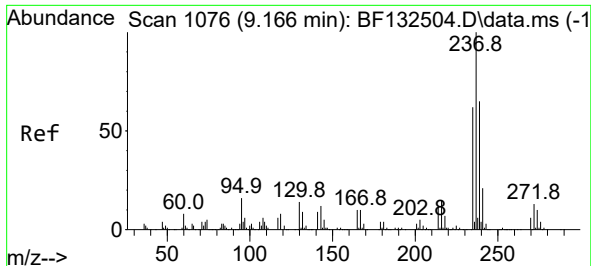
216 100

214 78.8 63.0 94.6

179 20.2 16.6 24.8

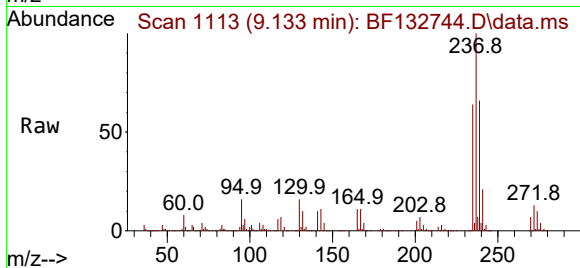
108 19.4 15.4 23.0



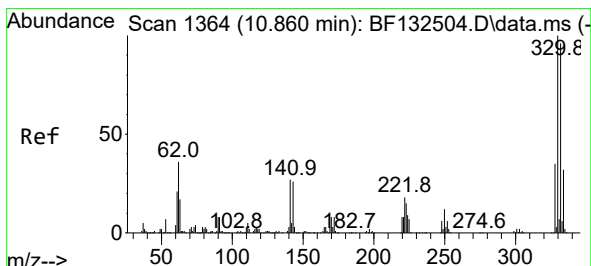
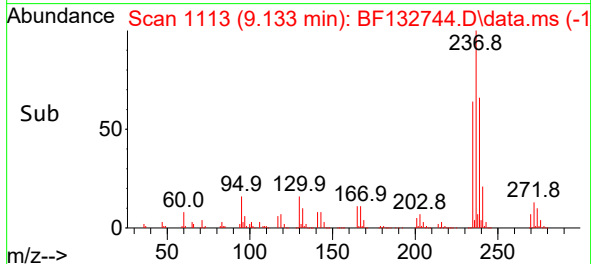
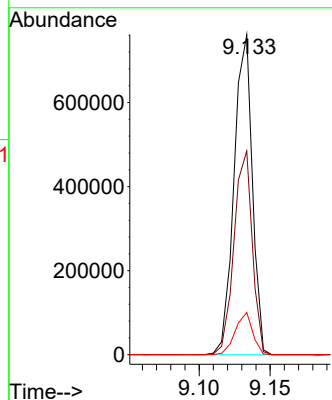


#41  
Hexachlorocyclopentadiene  
Concen: 86.920 ng  
RT: 9.133 min Scan# 1113  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

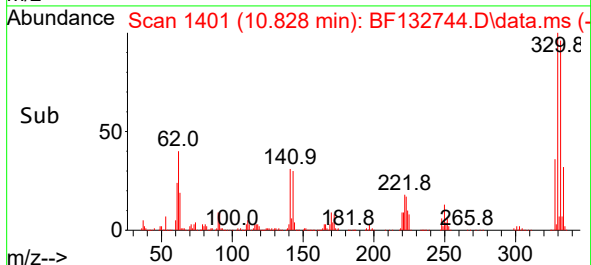
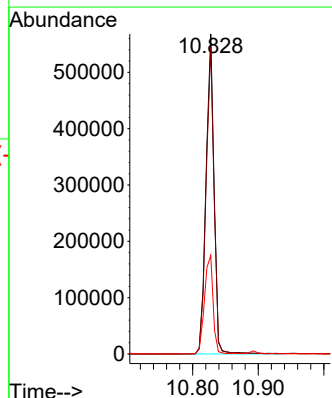
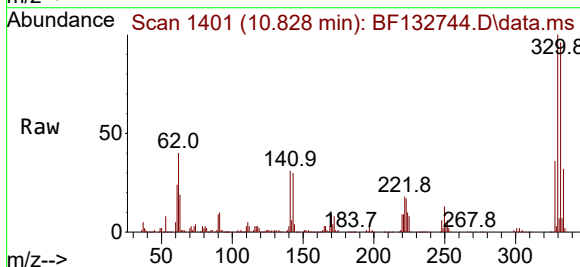


Tgt Ion:237 Resp: 683096  
Ion Ratio Lower Upper  
237 100  
235 63.6 42.4 82.4  
272 13.2 0.0 32.7

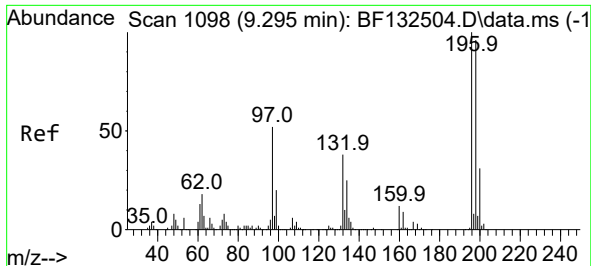


#42  
2,4,6-Tribromophenol  
Concen: 101.484 ng  
RT: 10.828 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:330 Resp: 485368  
Ion Ratio Lower Upper  
330 100  
332 95.8 76.2 114.4  
141 33.1 28.4 42.6







#43

2,4,6-Trichlorophenol

Concen: 45.845 ng

RT: 9.263 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA\_F

ClientSampleId :

20230163-COMPOSITE-2MS

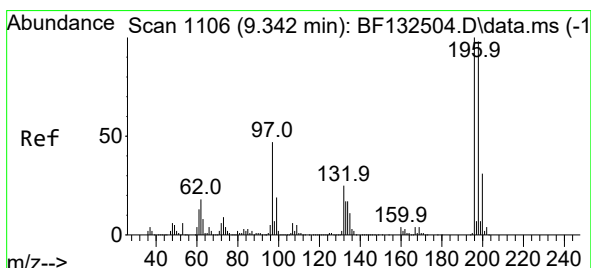
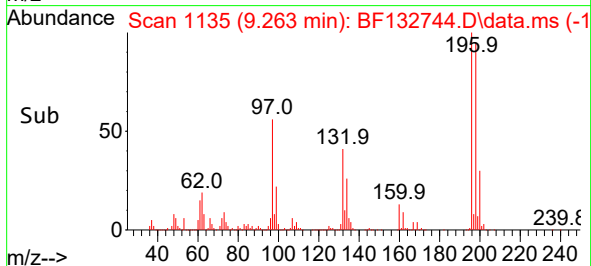
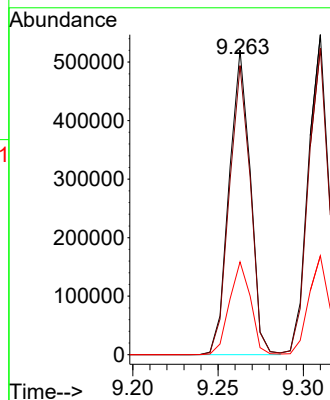
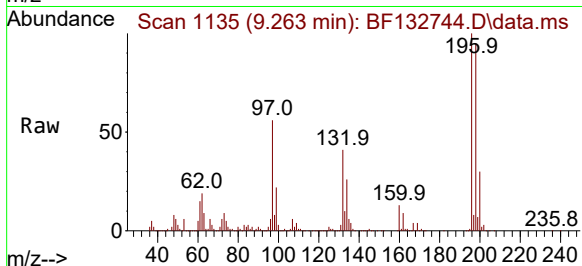
Tgt Ion:196 Resp: 450166

Ion Ratio Lower Upper

196 100

198 94.9 77.1 115.7

200 30.5 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 41.156 ng

RT: 9.310 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Tgt Ion:196 Resp: 471672

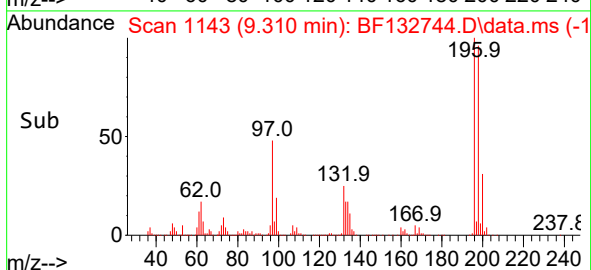
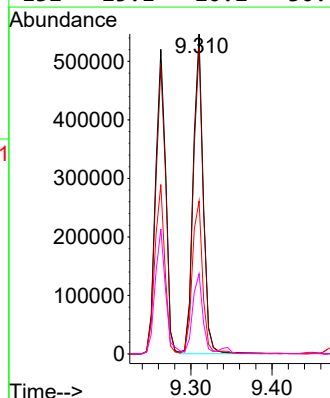
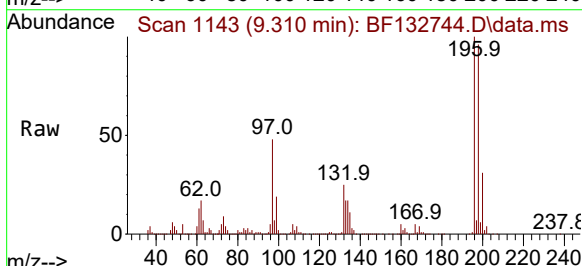
Ion Ratio Lower Upper

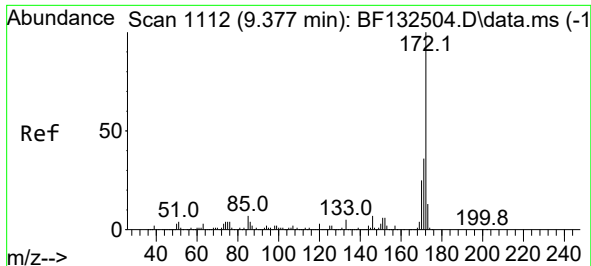
196 100

198 95.7 78.3 117.5

97 47.8 38.1 57.1

132 25.1 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 68.742 ng

RT: 9.345 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA\_F

ClientSampleId :

20230163-COMPOSITE-2MS

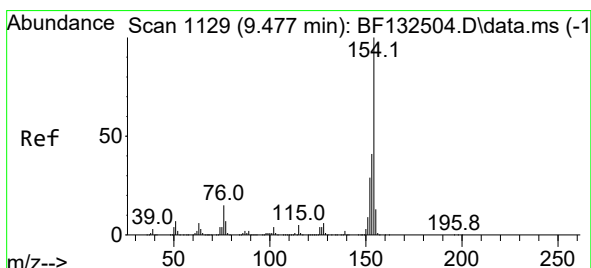
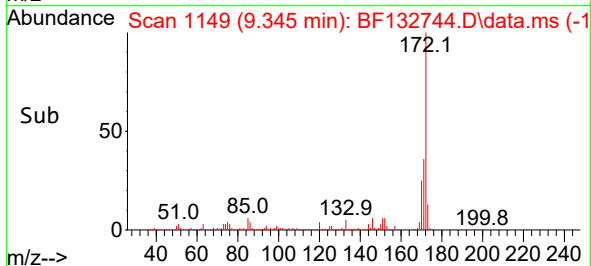
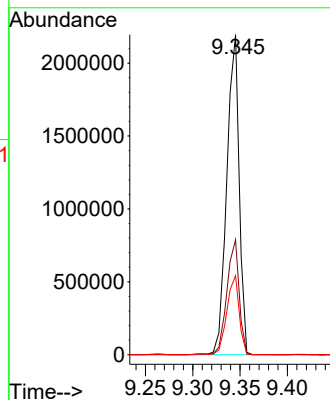
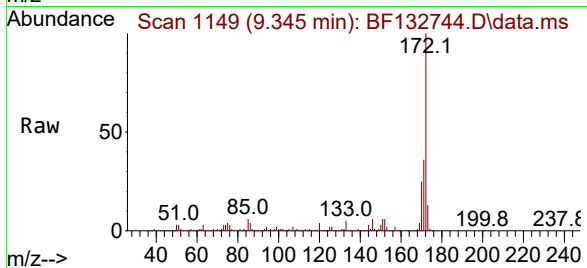
Tgt Ion:172 Resp: 1999350

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.6 19.7 29.5



#46

1,1'-Biphenyl

Concen: 44.477 ng

RT: 9.445 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

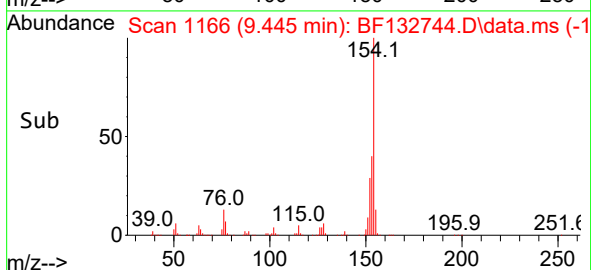
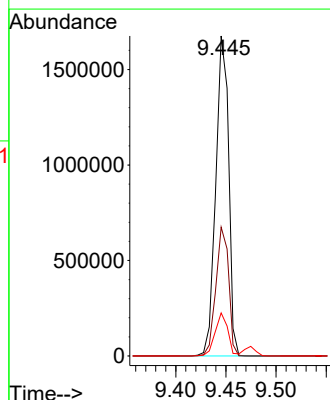
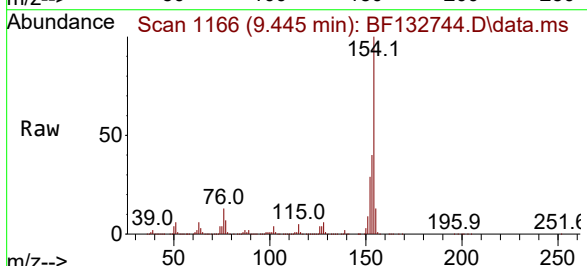
Tgt Ion:154 Resp: 1490851

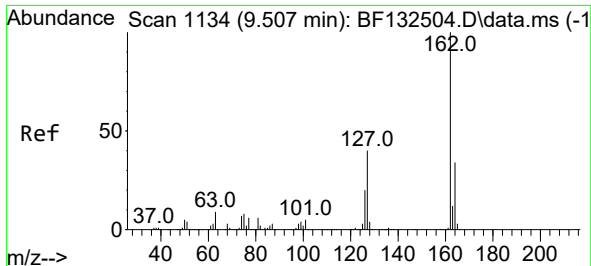
Ion Ratio Lower Upper

154 100

153 40.2 20.9 60.9

76 13.5 0.0 34.7





#47

2-Chloronaphthalene

Concen: 45.301 ng

RT: 9.475 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA\_F

ClientSampleId :

20230163-COMPOSITE-2MS

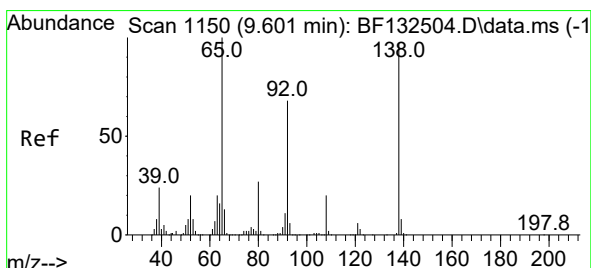
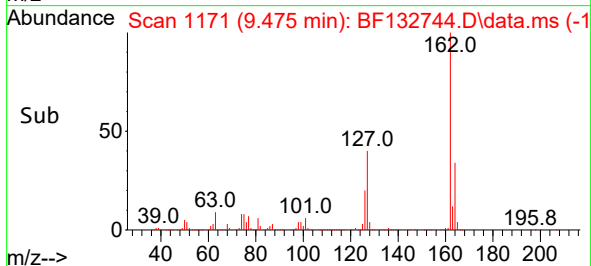
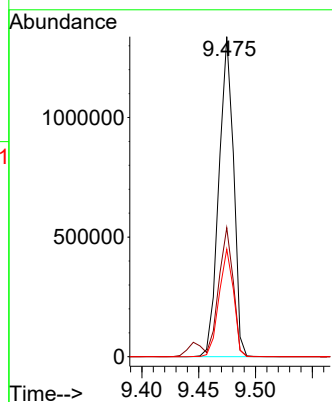
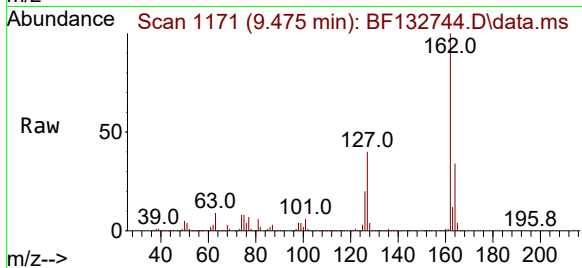
Tgt Ion:162 Resp: 1203918

Ion Ratio Lower Upper

162 100

127 40.3 32.3 48.5

164 33.6 26.9 40.3



#48

2-Nitroaniline

Concen: 40.501 ng

RT: 9.575 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

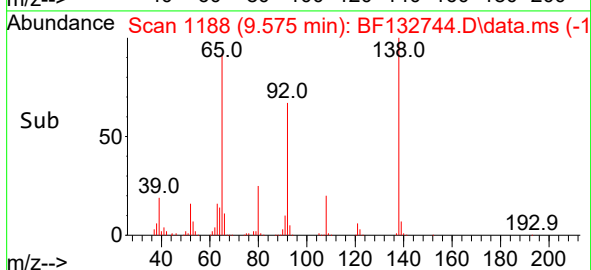
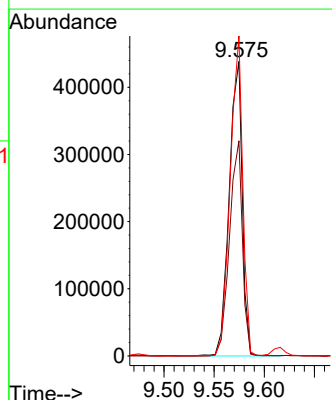
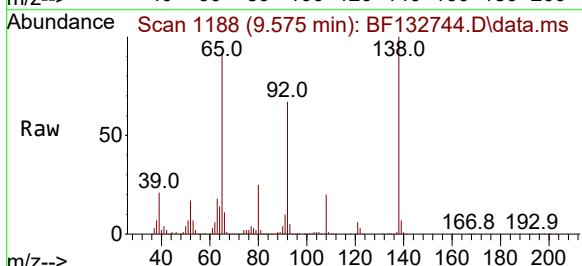
Tgt Ion: 65 Resp: 396422

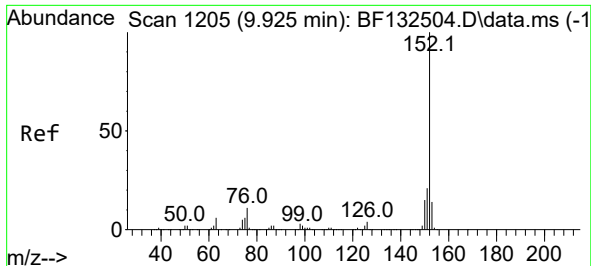
Ion Ratio Lower Upper

65 100

92 73.1 54.5 81.7

138 108.6 77.2 115.8

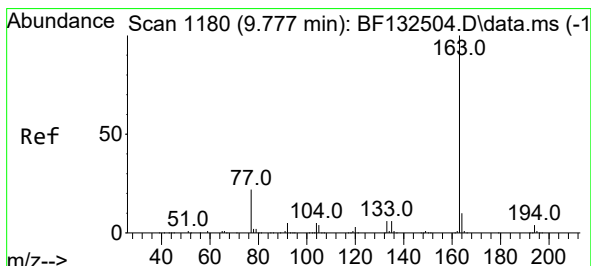
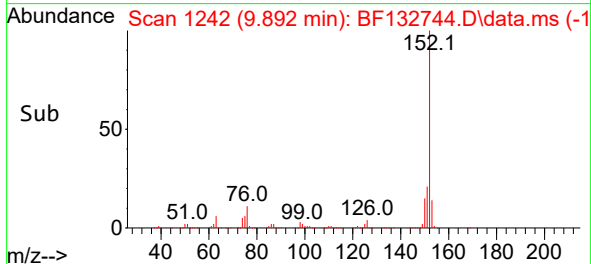
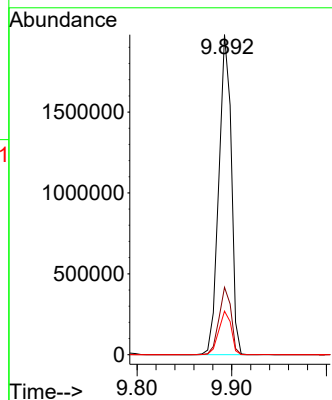
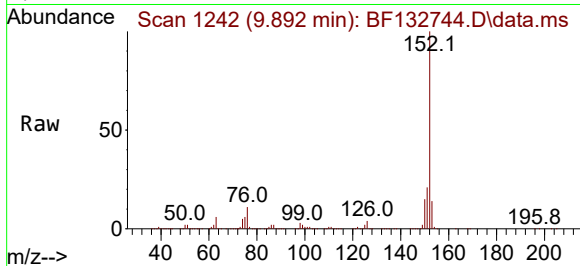




#49  
Acenaphthylene  
Concen: 42.704 ng  
RT: 9.892 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

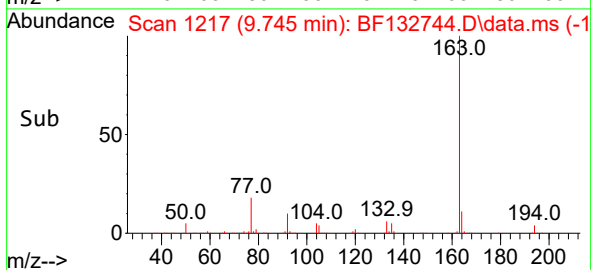
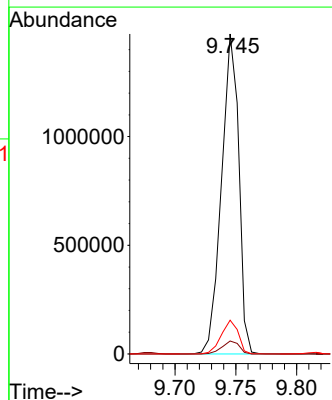
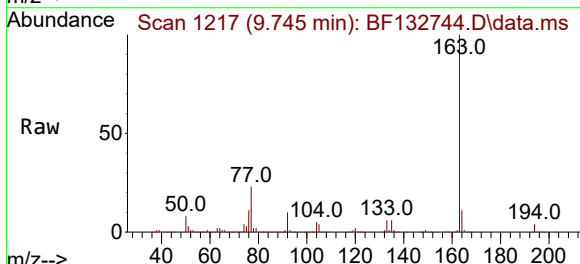
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

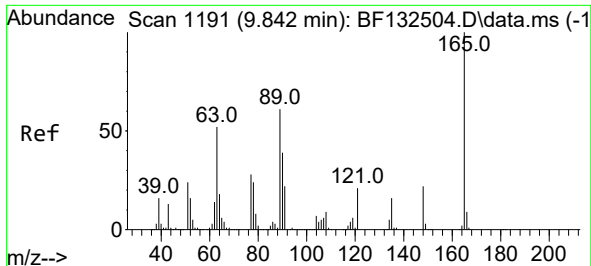
Tgt Ion:152 Resp: 1806176  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.4 24.6  
153 13.6 11.0 16.6



#50  
Dimethylphthalate  
Concen: 45.093 ng  
RT: 9.745 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:163 Resp: 1454059  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 10.6 8.3 12.5

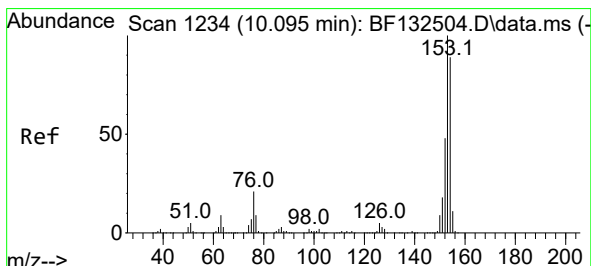
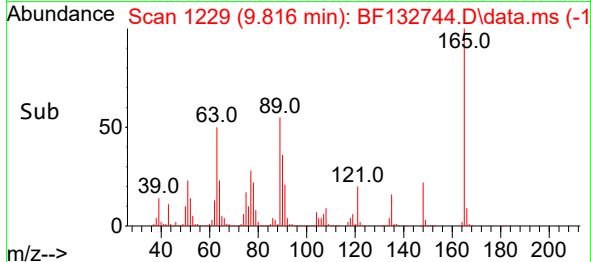
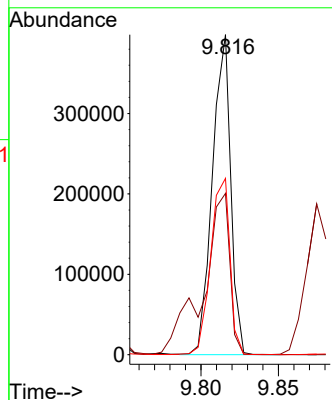
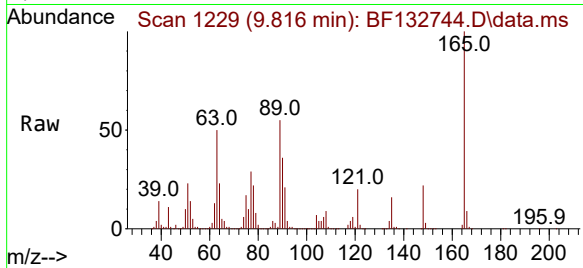




#51  
2,6-Dinitrotoluene  
Concen: 44.422 ng  
RT: 9.816 min Scan# 1191  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

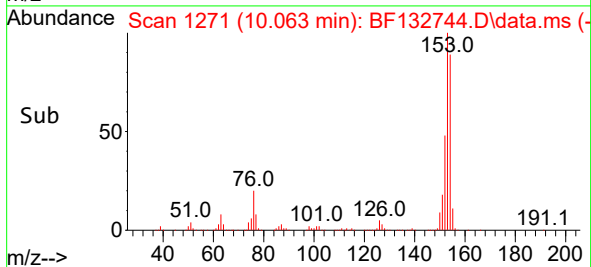
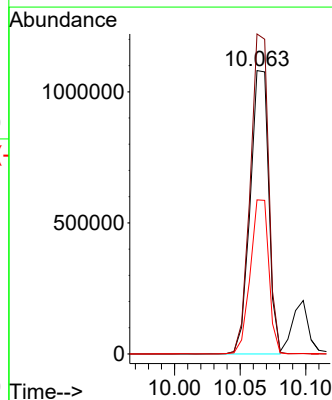
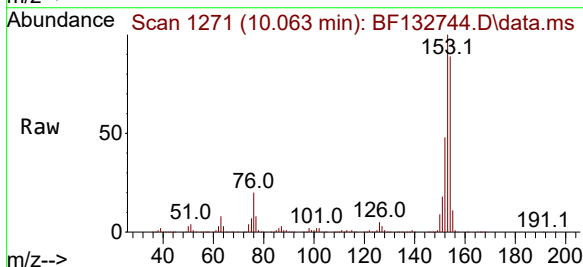
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

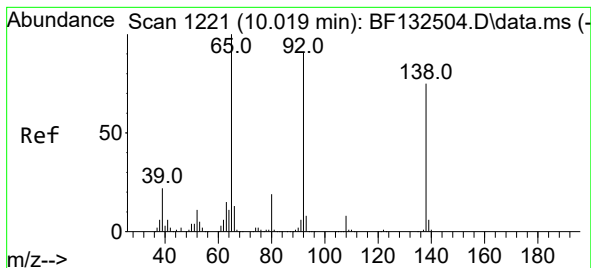
Tgt Ion:165 Resp: 326220  
Ion Ratio Lower Upper  
165 100  
63 50.4 47.3 70.9  
89 55.1 48.9 73.3



#52  
Acenaphthene  
Concen: 39.561 ng  
RT: 10.063 min Scan# 1271  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:154 Resp: 1062501  
Ion Ratio Lower Upper  
154 100  
153 112.9 89.8 134.8  
152 54.4 43.3 64.9

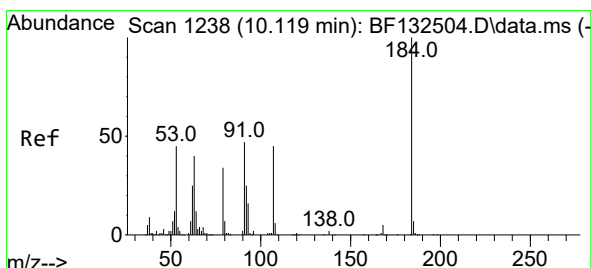
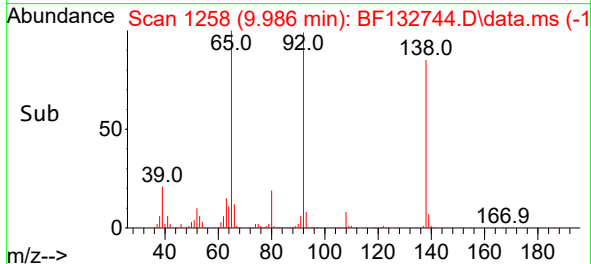
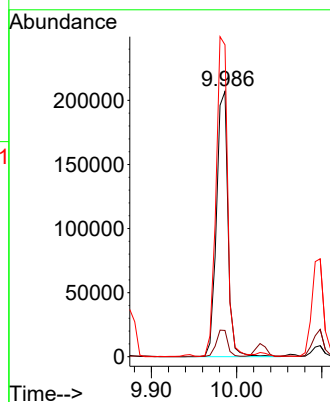
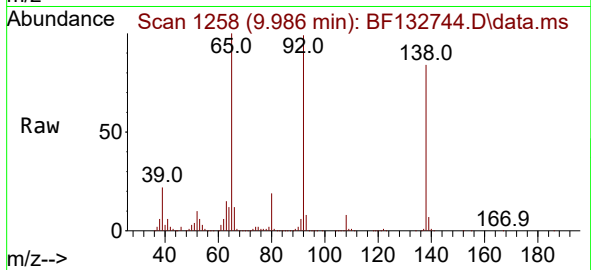




#53  
3-Nitroaniline  
Concen: 23.749 ng  
RT: 9.986 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

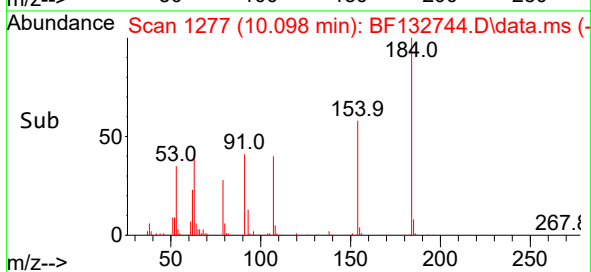
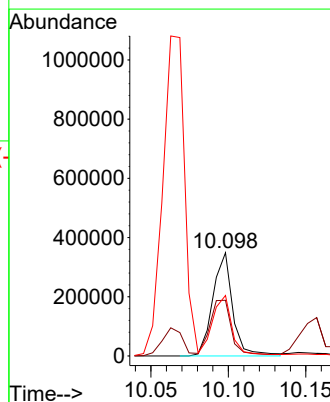
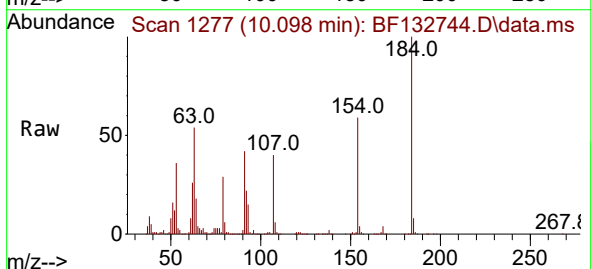
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

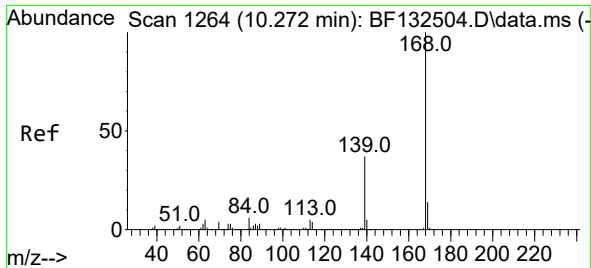
Tgt Ion:138 Resp: 195096  
Ion Ratio Lower Upper  
138 100  
108 9.9 8.1 12.1  
92 117.6 97.2 145.8



#54  
2,4-Dinitrophenol  
Concen: 67.786 ng  
RT: 10.098 min Scan# 1277  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:184 Resp: 312361  
Ion Ratio Lower Upper  
184 100  
63 54.0 51.4 77.2  
154 58.5 48.3 72.5

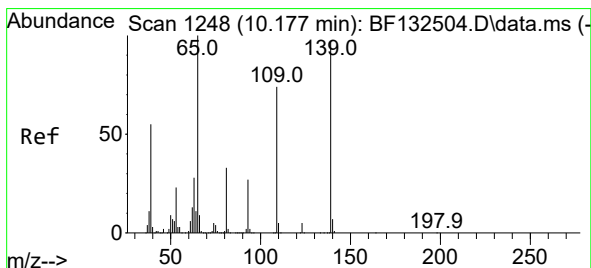
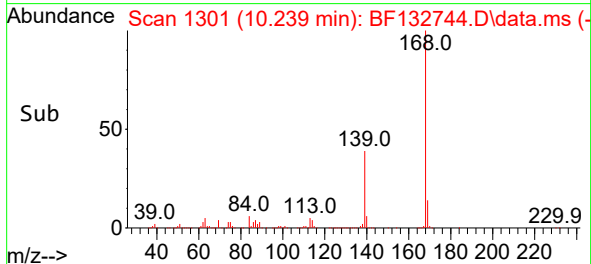
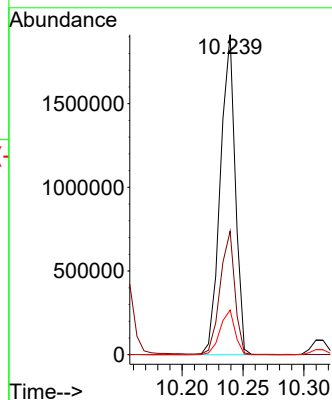
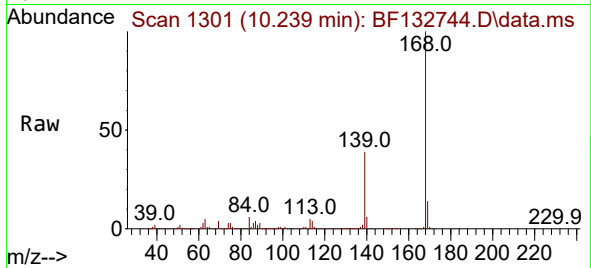




#55  
Dibenzenofuran  
Concen: 41.655 ng  
RT: 10.239 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

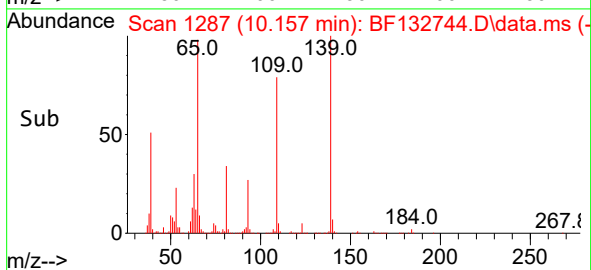
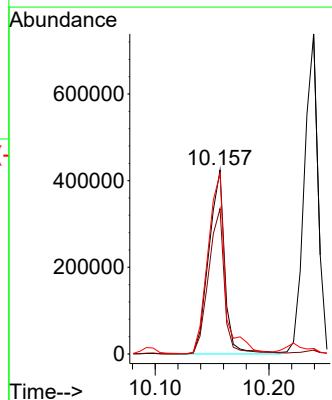
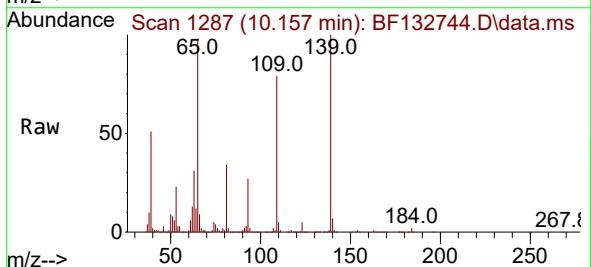
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

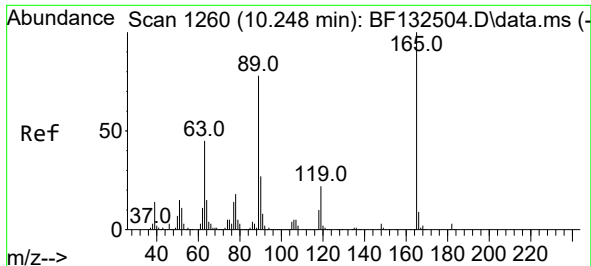
Tgt Ion:168 Resp: 1630943  
Ion Ratio Lower Upper  
168 100  
139 38.6 29.8 44.6  
169 14.0 10.9 16.3



#56  
4-Nitrophenol  
Concen: 67.930 ng  
RT: 10.157 min Scan# 1287  
Delta R.T. 0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:139 Resp: 416161  
Ion Ratio Lower Upper  
139 100  
109 79.0 56.7 96.7  
65 98.1 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 43.419 ng

RT: 10.222 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF132744.D

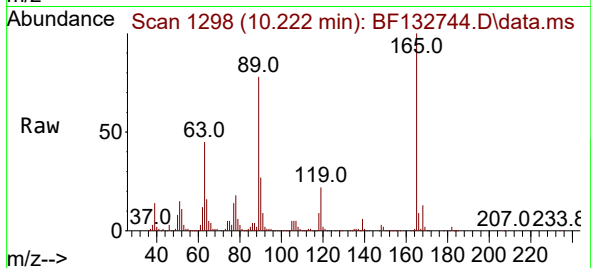
Acq: 10 Mar 2023 16:35

Instrument :

BNA\_F

ClientSampleId :

20230163-COMPOSITE-2MS



Tgt Ion:165 Resp: 424196

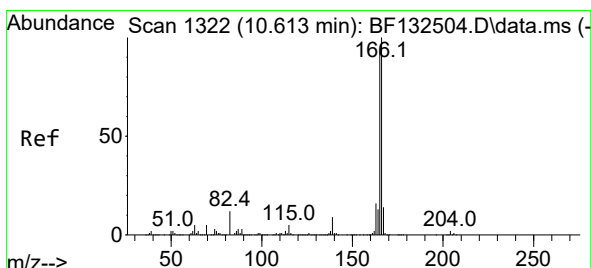
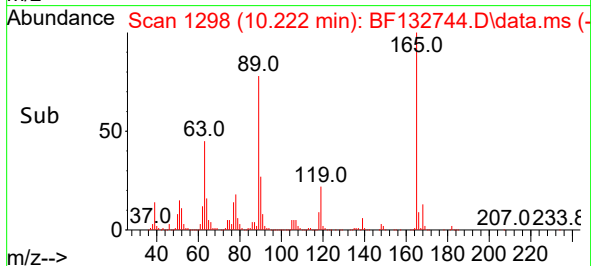
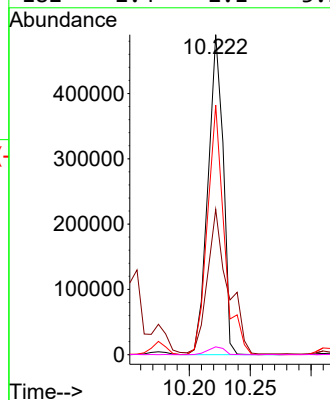
Ion Ratio Lower Upper

165 100

63 45.4 36.5 54.7

89 78.0 62.4 93.6

182 2.4 2.1 3.1



#58

Fluorene

Concen: 43.787 ng

RT: 10.586 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

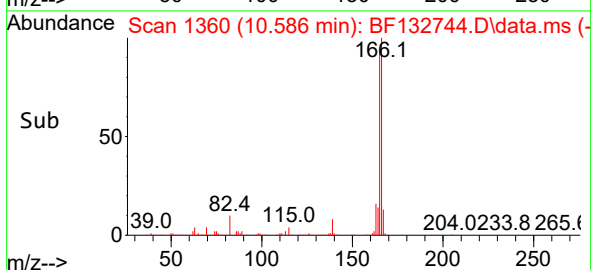
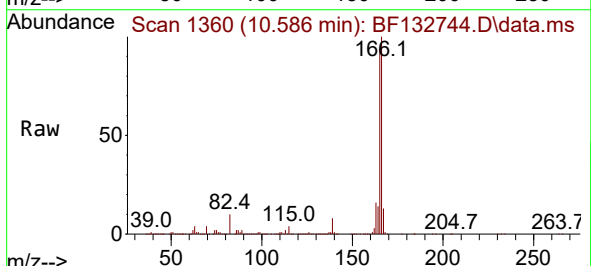
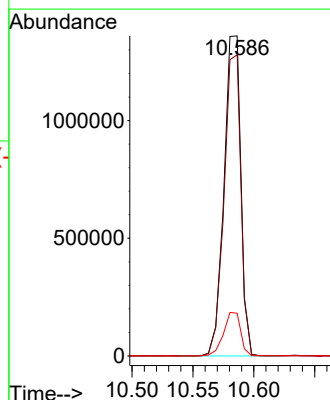
Tgt Ion:166 Resp: 1311370

Ion Ratio Lower Upper

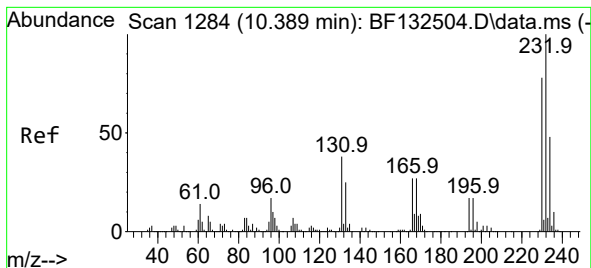
166 100

165 94.1 74.2 111.4

167 13.3 11.1 16.7



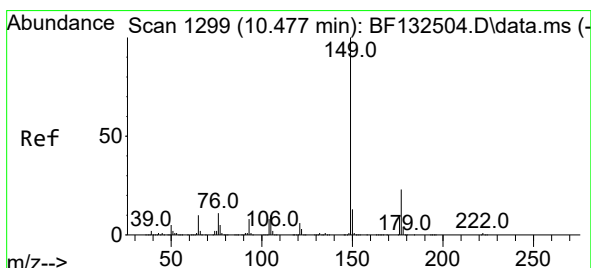
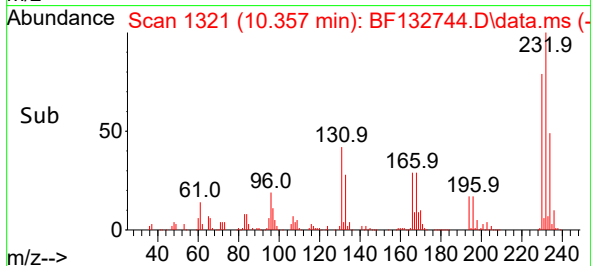
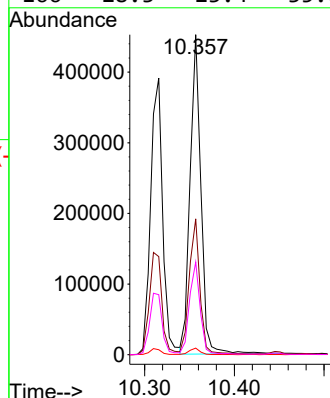
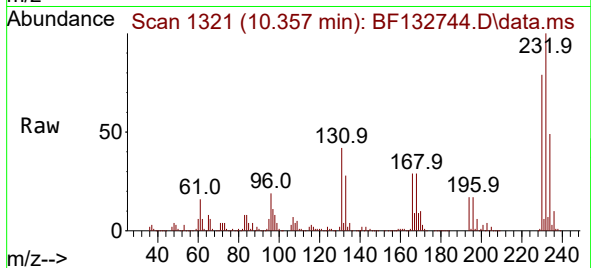




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.491 ng  
RT: 10.357 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

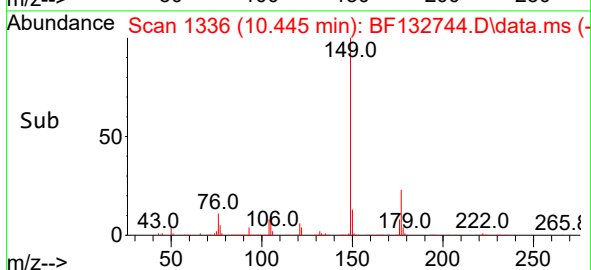
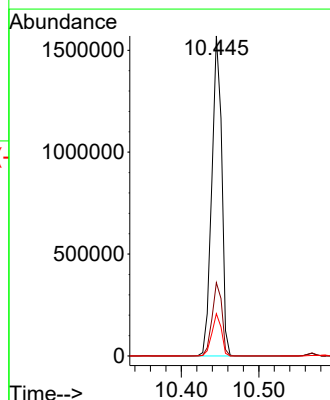
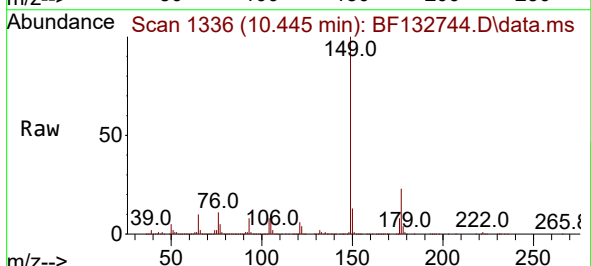
Instrument :  
BNA\_F  
ClientSampleId :  
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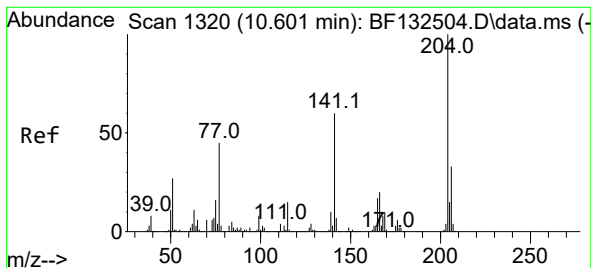
Tgt Ion:232 Resp: 378770  
Ion Ratio Lower Upper  
232 100  
131 41.5 33.8 50.8  
130 2.0 1.7 2.5  
166 28.3 23.4 35.0



#60  
Diethylphthalate  
Concen: 44.308 ng  
RT: 10.445 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:149 Resp: 1395377  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.1 27.1  
150 13.2 10.2 15.2

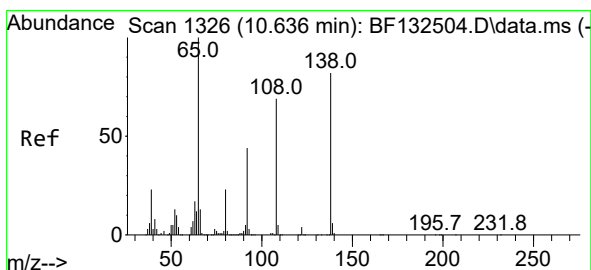
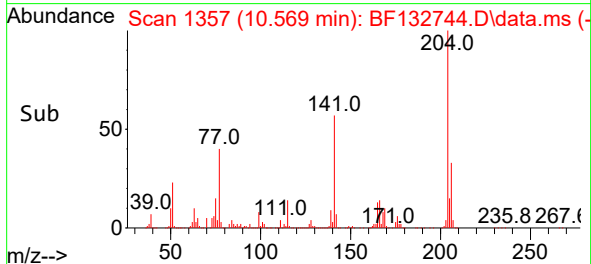
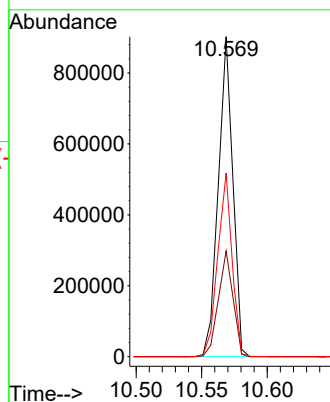
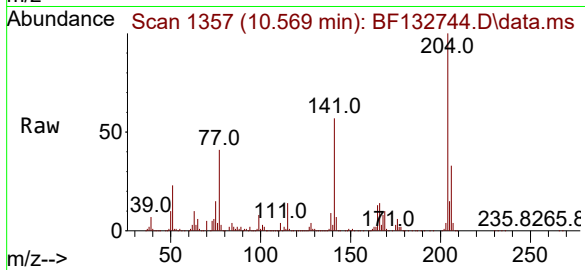




#61  
4-Chlorophenyl-phenylether  
Concen: 44.668 ng  
RT: 10.569 min Scan# 1357  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

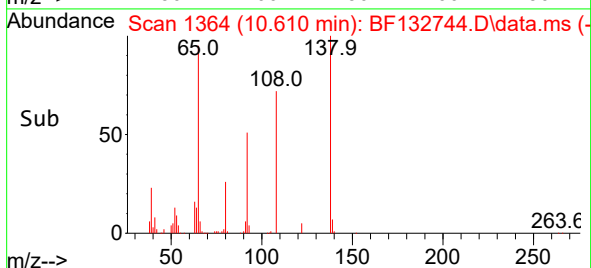
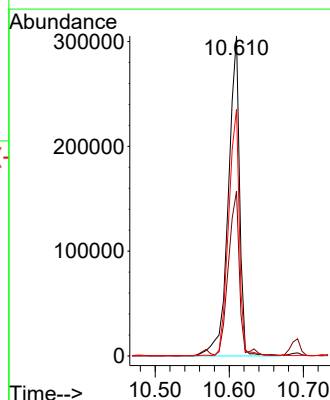
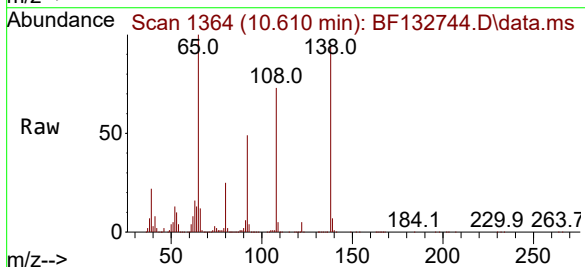
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

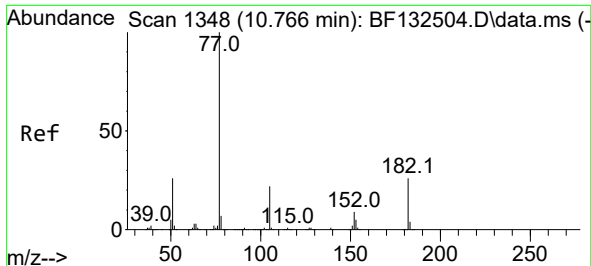
Tgt Ion:204 Resp: 693987  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.3 39.5  
141 57.4 47.8 71.8



#62  
4-Nitroaniline  
Concen: 39.826 ng  
RT: 10.610 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:138 Resp: 321149  
Ion Ratio Lower Upper  
138 100  
92 51.5 33.8 73.8  
108 77.2 63.7 103.7

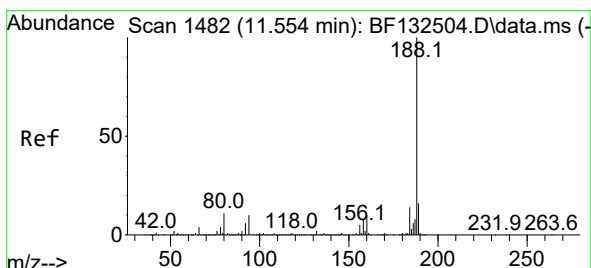
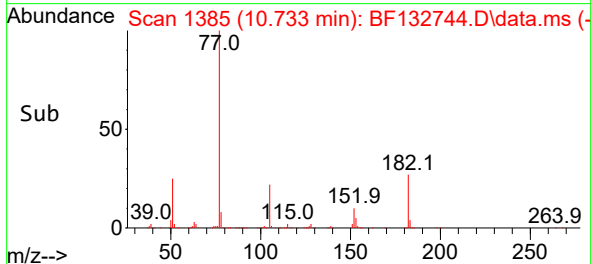
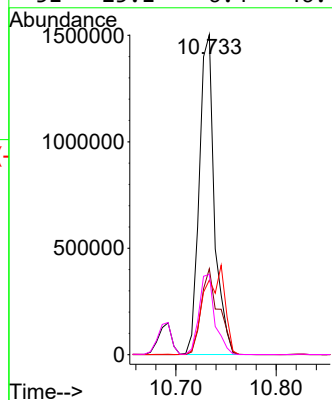
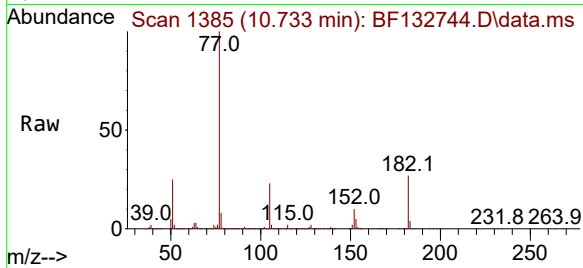




#63  
Azobenzene  
Concen: 47.529 ng  
RT: 10.733 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

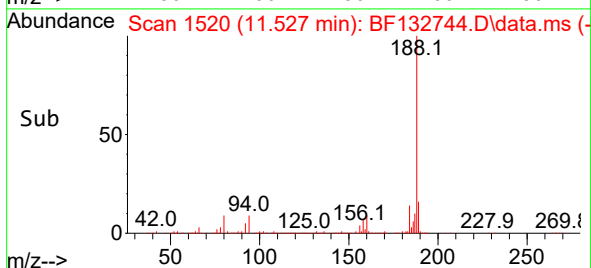
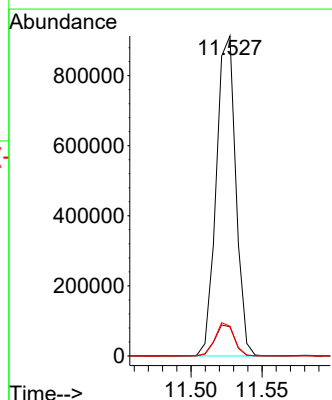
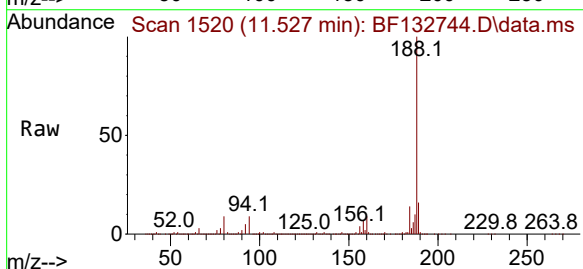
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

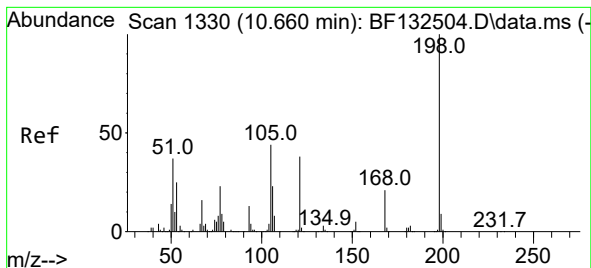
Tgt Ion: 77 Resp: 1585224  
Ion Ratio Lower Upper  
77 100  
182 26.9 5.5 45.5  
105 23.3 1.8 41.8  
51 25.1 6.4 46.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.527 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion: 188 Resp: 874798  
Ion Ratio Lower Upper  
188 100  
94 9.1 8.3 12.5  
80 9.3 8.7 13.1

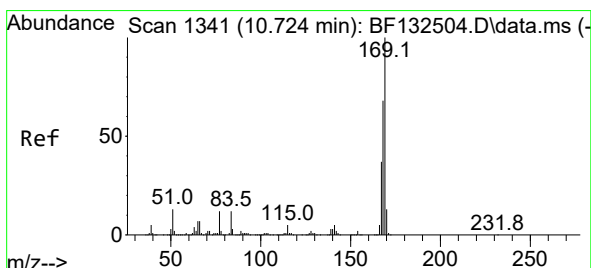
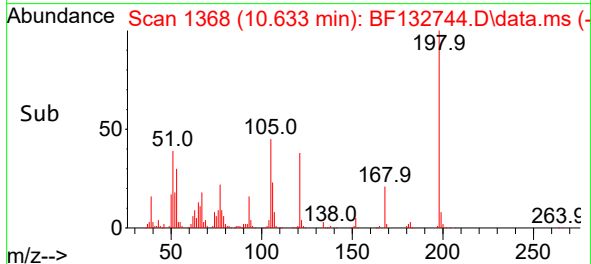
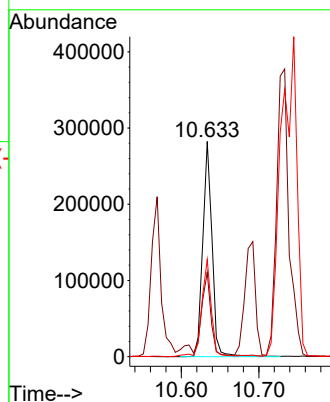
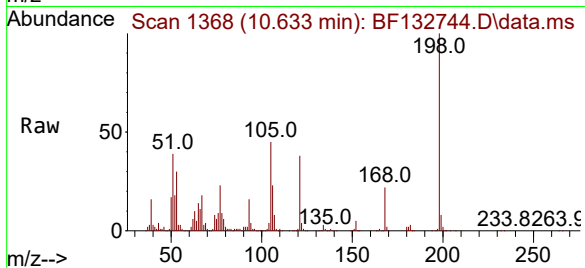




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.743 ng  
RT: 10.633 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

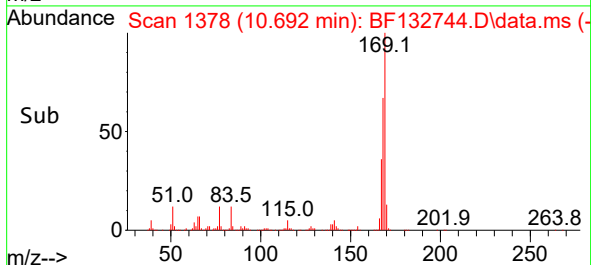
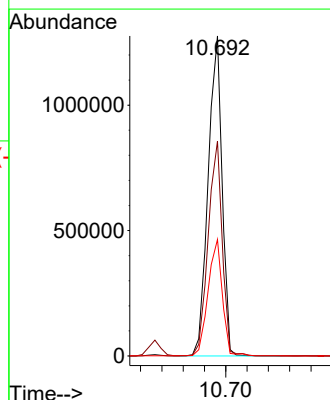
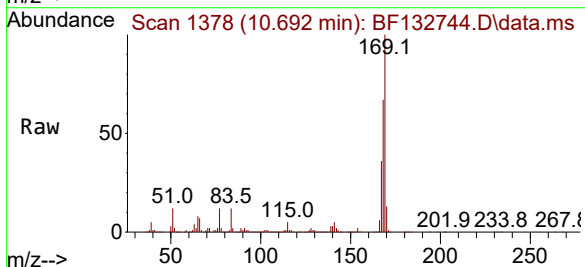
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

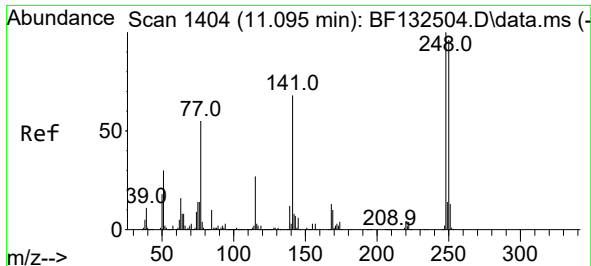
Tgt Ion:198 Resp: 235358  
Ion Ratio Lower Upper  
198 100  
51 39.2 20.6 60.6  
105 45.2 24.3 64.3



#66  
n-Nitrosodiphenylamine  
Concen: 42.696 ng  
RT: 10.692 min Scan# 1378  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:169 Resp: 1164416  
Ion Ratio Lower Upper  
169 100  
168 67.2 54.2 81.4  
167 36.4 29.6 44.4

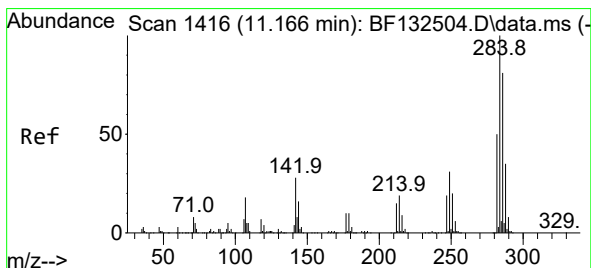
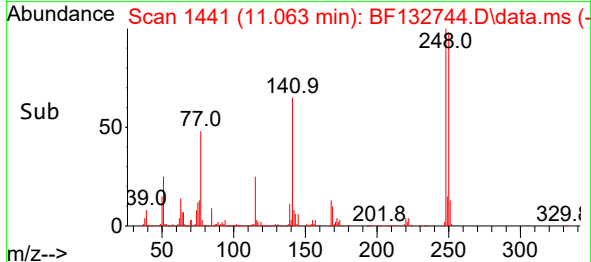
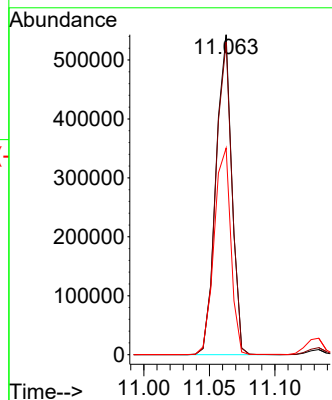
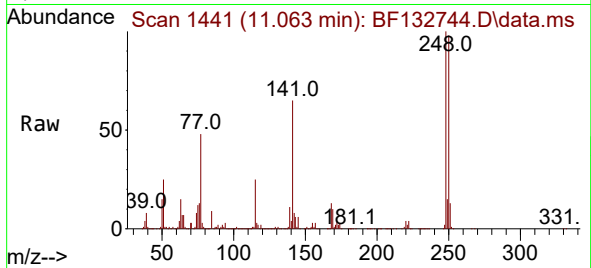




#67  
4-Bromophenyl-phenylether  
Concen: 46.142 ng  
RT: 11.063 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

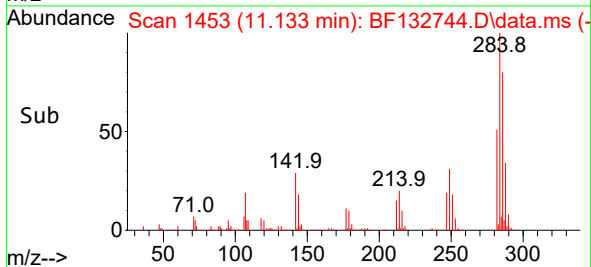
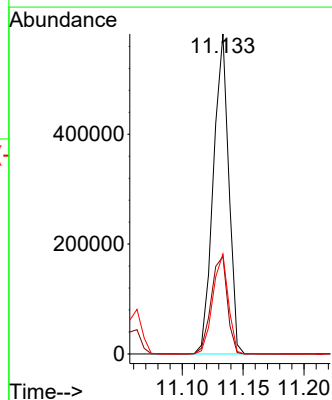
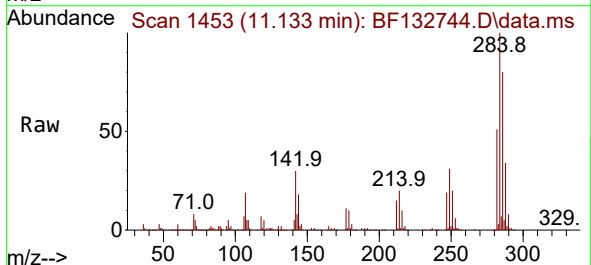
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

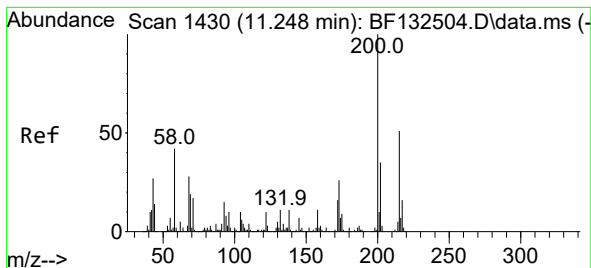
Tgt Ion:248 Resp: 456593  
Ion Ratio Lower Upper  
248 100  
250 97.7 77.0 115.4  
141 64.6 54.2 81.2



#68  
Hexachlorobenzene  
Concen: 49.227 ng  
RT: 11.133 min Scan# 1453  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:284 Resp: 512566  
Ion Ratio Lower Upper  
284 100  
142 30.5 22.2 33.4  
249 31.2 24.9 37.3





#69

Atrazine

Concen: 49.702 ng

RT: 11.216 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA\_F

ClientSampleId :

20230163-COMPOSITE-2MS

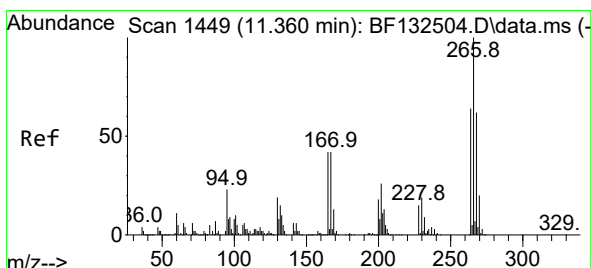
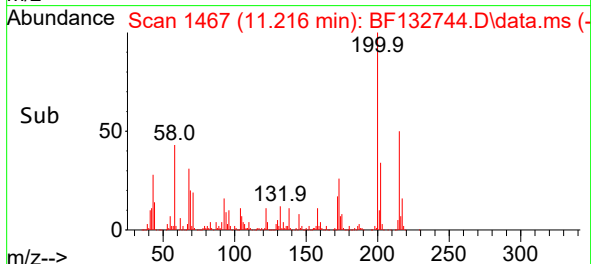
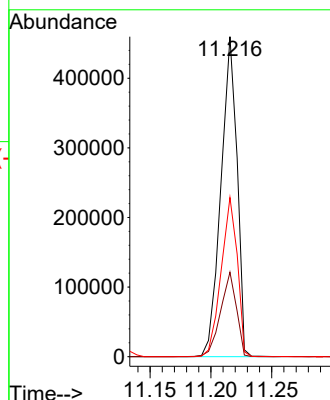
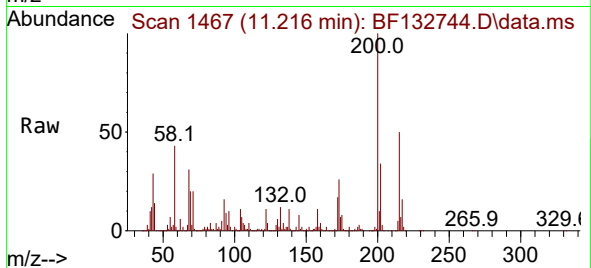
Tgt Ion:200 Resp: 423175

Ion Ratio Lower Upper

200 100

173 26.4 6.4 46.4

215 49.7 31.0 71.0



#70

Pentachlorophenol

Concen: 70.758 ng

RT: 11.333 min Scan# 1487

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

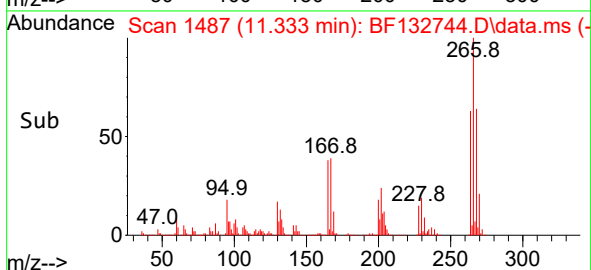
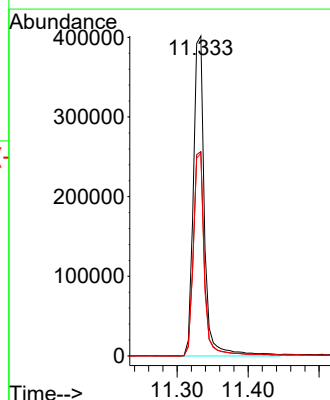
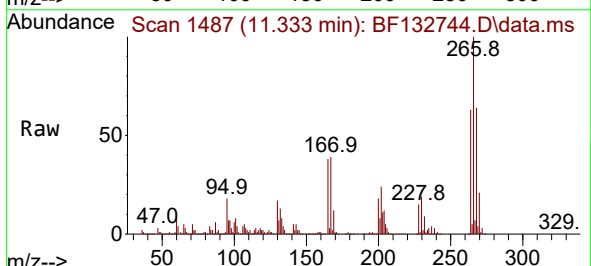
Tgt Ion:266 Resp: 438335

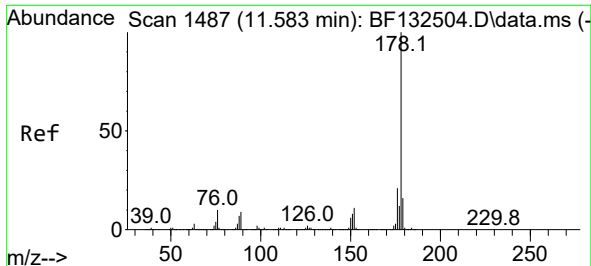
Ion Ratio Lower Upper

266 100

268 63.8 49.8 74.6

264 63.3 50.9 76.3

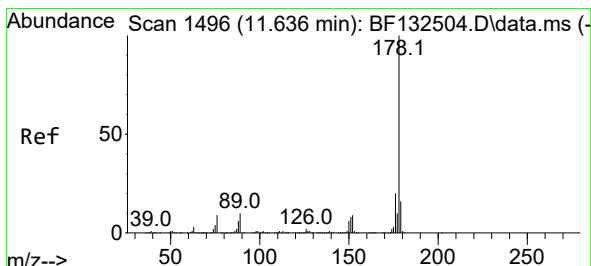
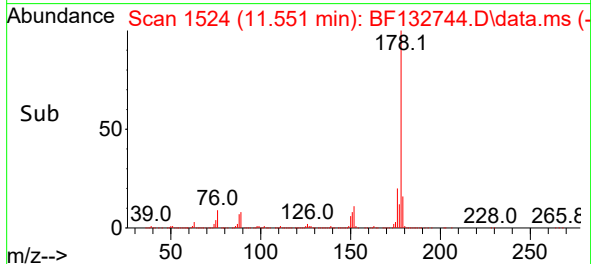
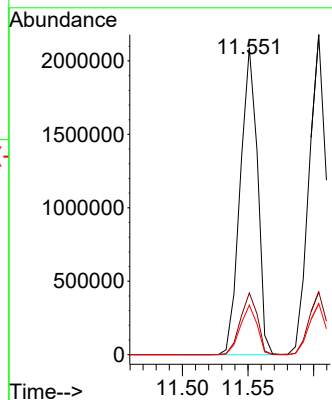
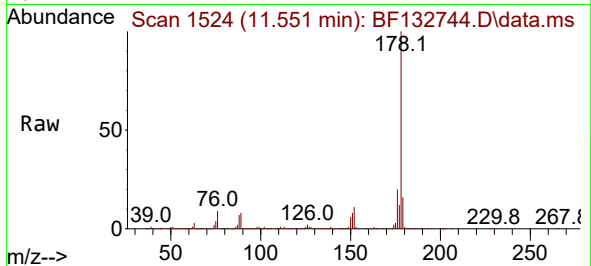




#71  
Phenanthrene  
Concen: 42.241 ng  
RT: 11.551 min Scan# 1524  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

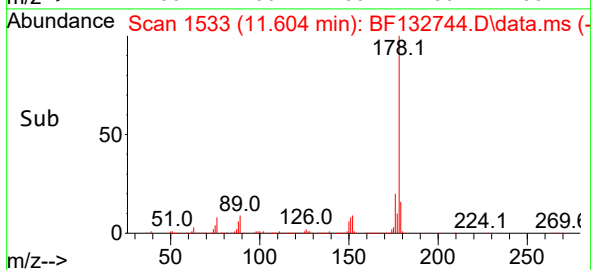
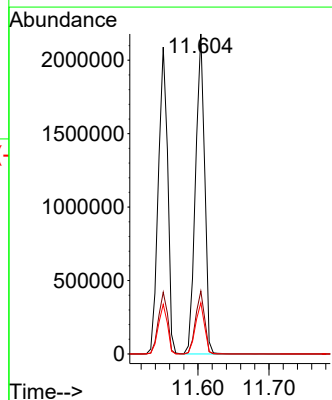
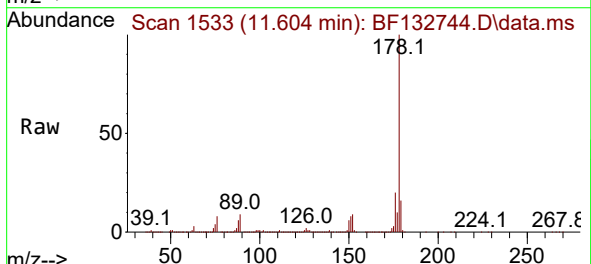
Instrument :  
BNA\_F  
ClientSampleId :  
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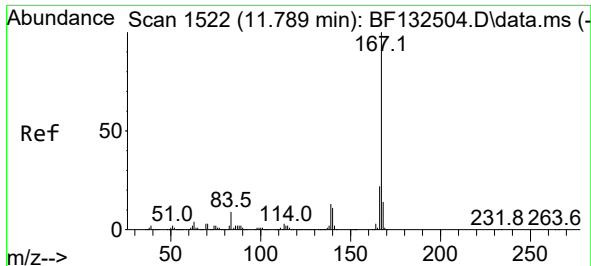
Tgt Ion:178 Resp: 1914309  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.5 24.7  
179 16.2 13.0 19.6



#72  
Anthracene  
Concen: 41.772 ng  
RT: 11.604 min Scan# 1533  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:178 Resp: 1949409  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.6 23.4  
179 16.0 12.5 18.7

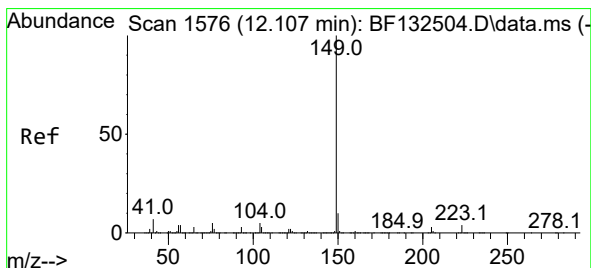
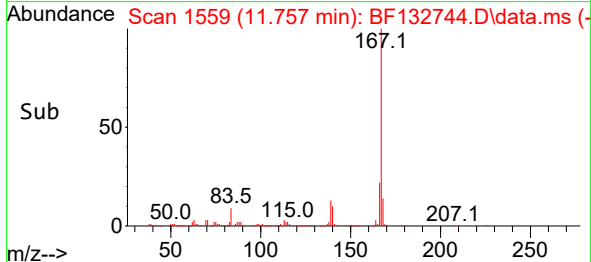
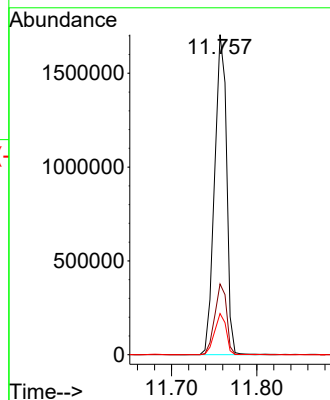
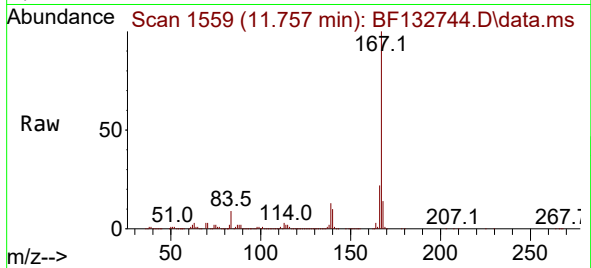




#73  
 Carbazole  
 Concen: 39.671 ng  
 RT: 11.757 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF132744.D  
 Acq: 10 Mar 2023 16:35

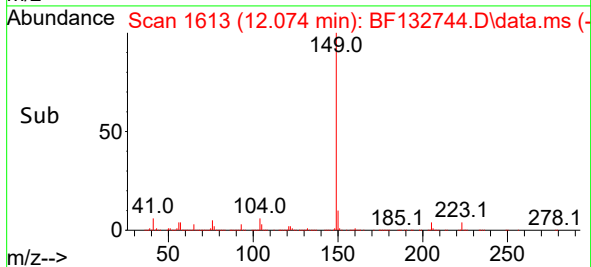
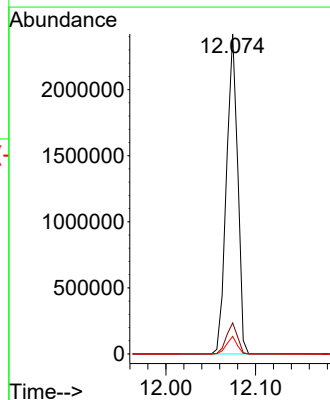
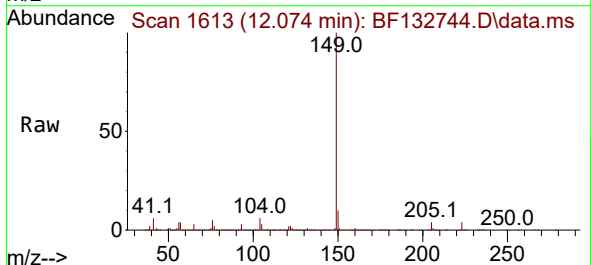
Instrument :  
 BNA\_F  
 ClientSampleId :  
 20230163-COMPOSITE-2MS

Tgt Ion:167 Resp: 1669208  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.7 26.5  
 139 12.8 10.5 15.7

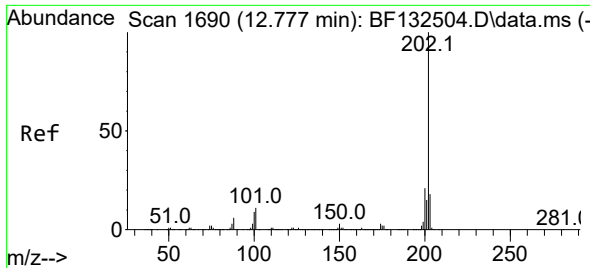


#74  
 Di-n-butylphthalate  
 Concen: 42.476 ng  
 RT: 12.074 min Scan# 1613  
 Delta R.T. 0.000 min  
 Lab File: BF132744.D  
 Acq: 10 Mar 2023 16:35

Tgt Ion:149 Resp: 2096455  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.8 11.8  
 104 5.5 4.3 6.5



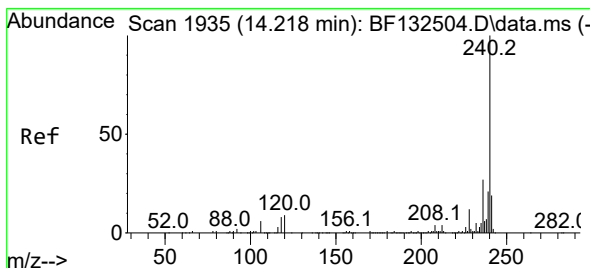
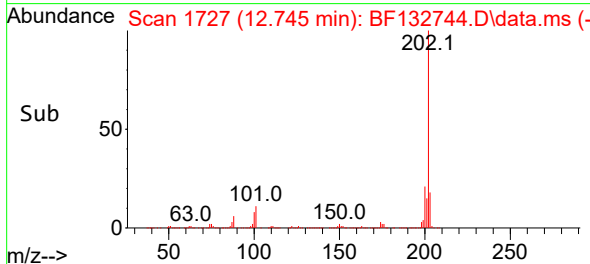
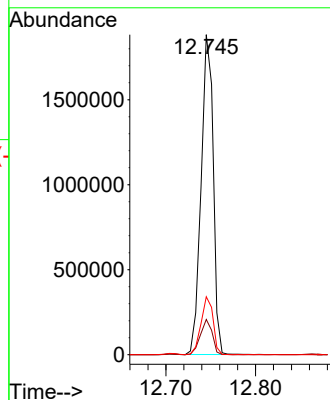
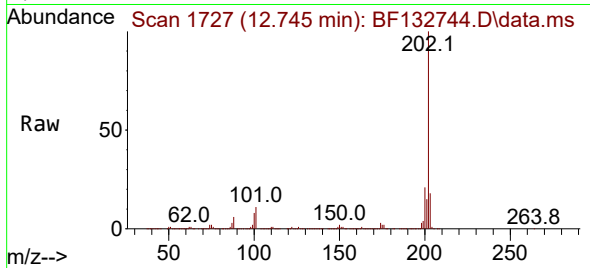




#75  
Fluoranthene  
Concen: 35.533 ng  
RT: 12.745 min Scan# 1727  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

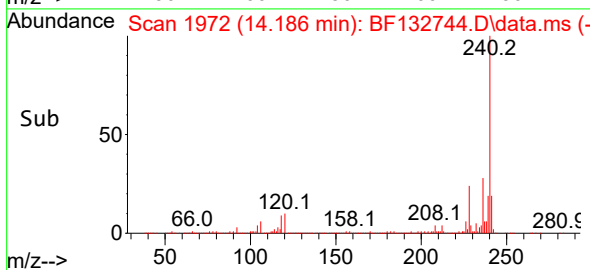
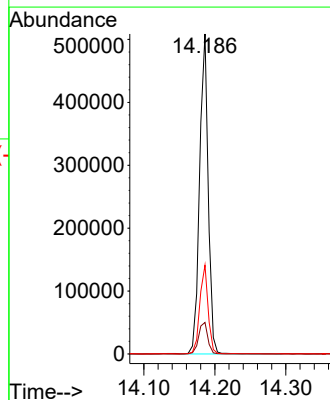
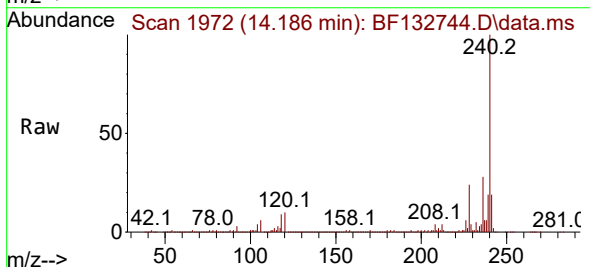
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

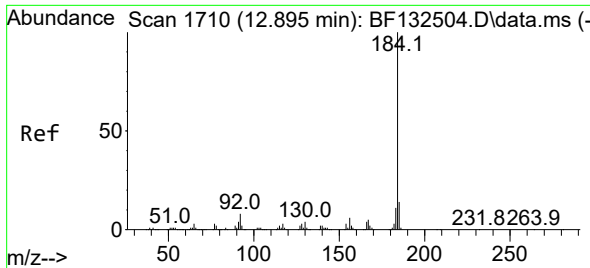
Tgt Ion:202 Resp: 1760380  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 31.4  
203 18.1 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.186 min Scan# 1972  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:240 Resp: 429137  
Ion Ratio Lower Upper  
240 100  
120 9.8 7.2 10.8  
236 27.7 21.8 32.6

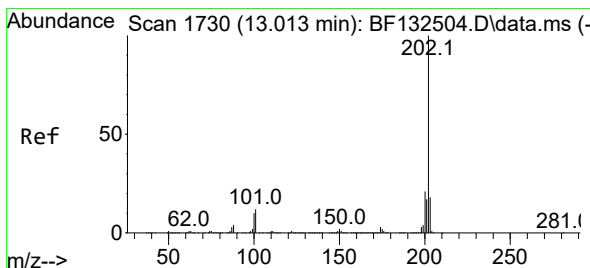
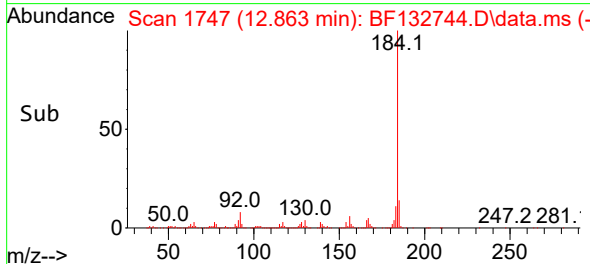
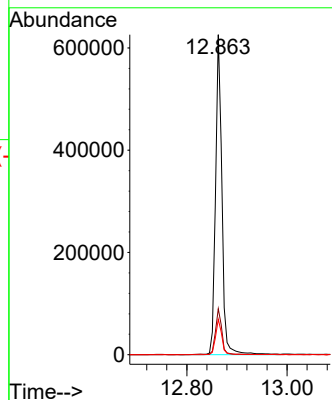
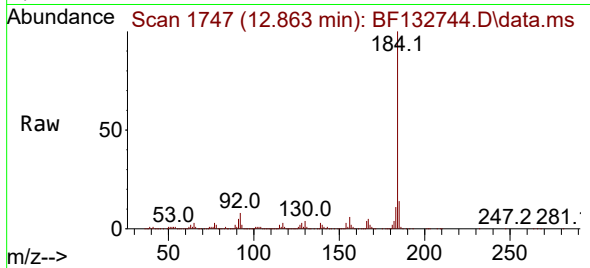




#77  
Benzidine  
Concen: 52.628 ng  
RT: 12.863 min Scan# 1710  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

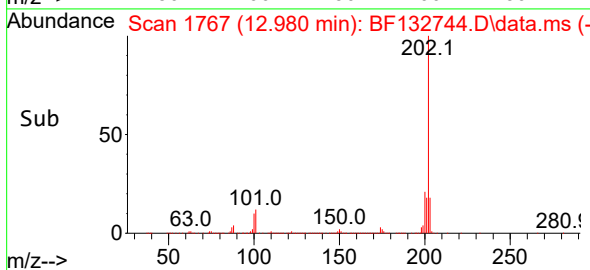
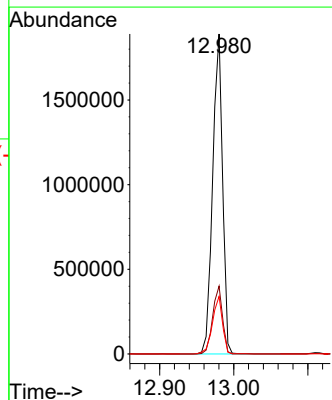
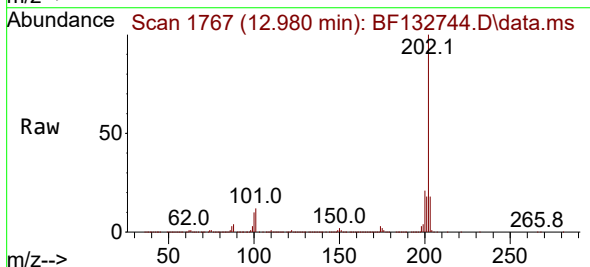
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

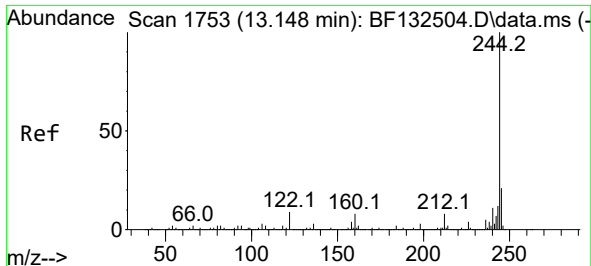
Tgt Ion:184 Resp: 549775  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.7 17.5  
183 11.0 8.7 13.1



#78  
Pyrene  
Concen: 44.887 ng  
RT: 12.980 min Scan# 1767  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:202 Resp: 1751319  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.1 25.7  
203 18.0 14.6 21.8

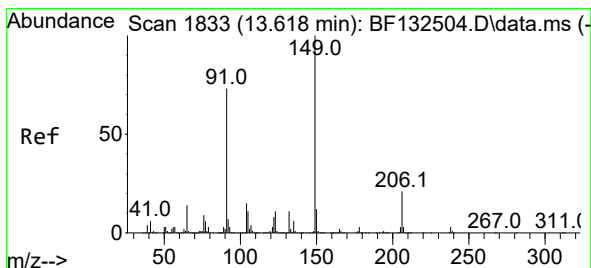
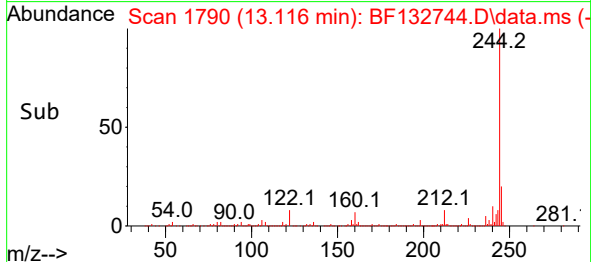
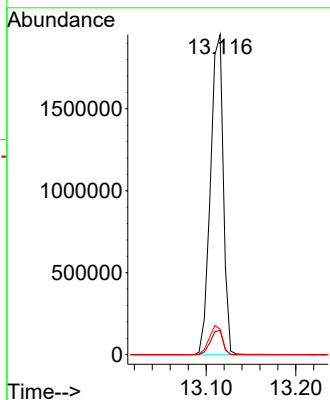
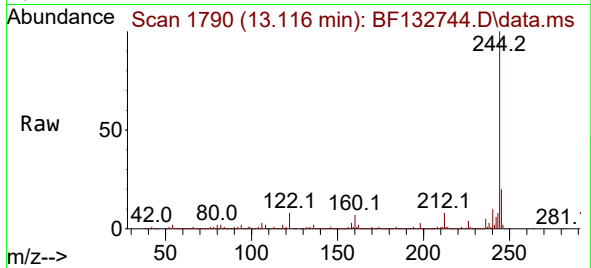




#79  
 Terphenyl-d14  
 Concen: 76.255 ng  
 RT: 13.116 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF132744.D  
 Acq: 10 Mar 2023 16:35

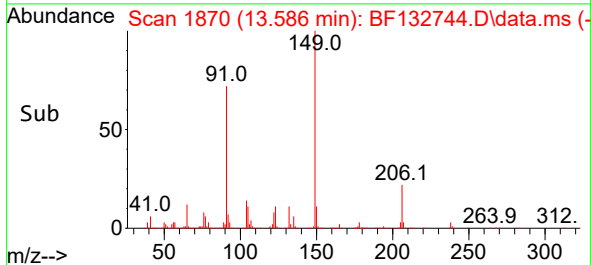
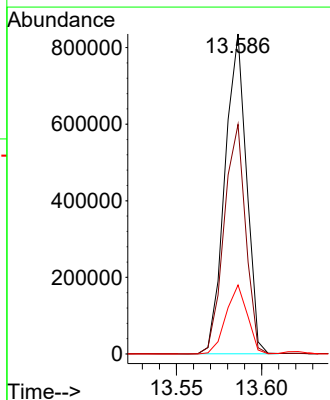
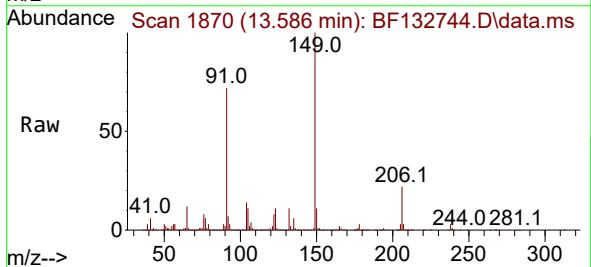
Instrument :  
 BNA\_F  
 ClientSampleId :  
 20230163-COMPOSITE-2MS

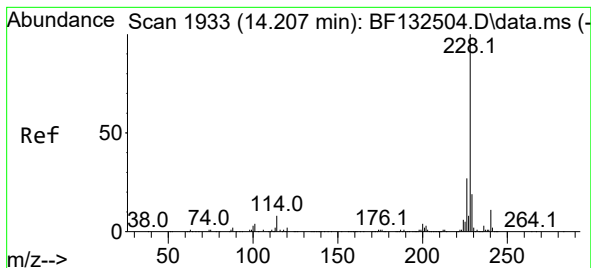
Tgt Ion:244 Resp: 1935470  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.5 9.7  
 122 7.9 7.5 11.3



#80  
 Butylbenzylphthalate  
 Concen: 47.865 ng  
 RT: 13.586 min Scan# 1870  
 Delta R.T. 0.000 min  
 Lab File: BF132744.D  
 Acq: 10 Mar 2023 16:35

Tgt Ion:149 Resp: 736956  
 Ion Ratio Lower Upper  
 149 100  
 91 71.7 58.4 87.6  
 206 21.5 16.8 25.2





#81

Benzo(a)anthracene

Concen: 43.555 ng

RT: 14.174 min Scan# 1962

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA\_F

ClientSampleId :

20230163-COMPOSITE-2MS

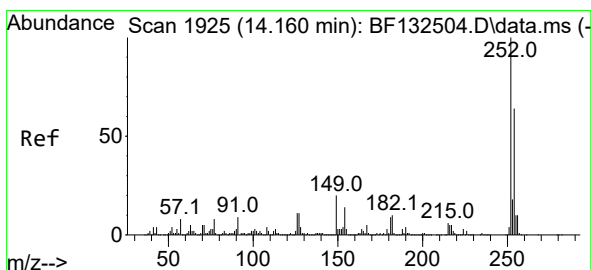
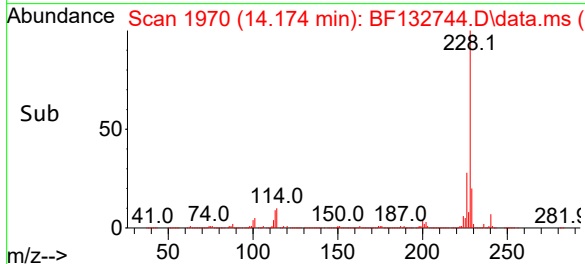
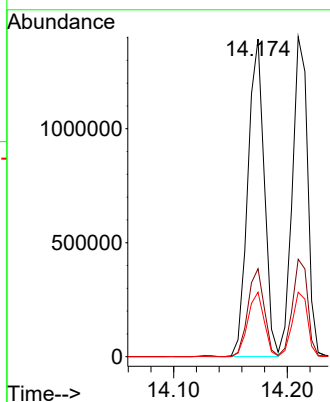
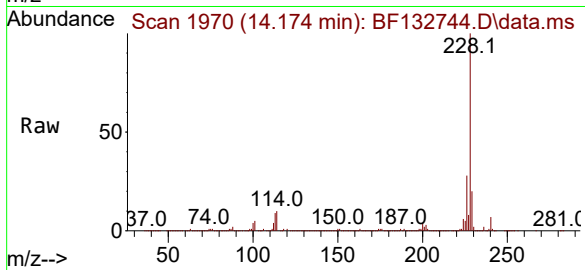
Tgt Ion:228 Resp: 1398525

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

229 20.3 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 25.184 ng

RT: 14.127 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

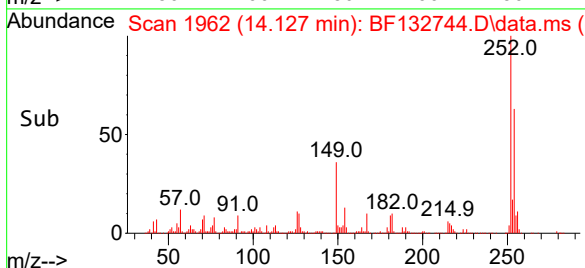
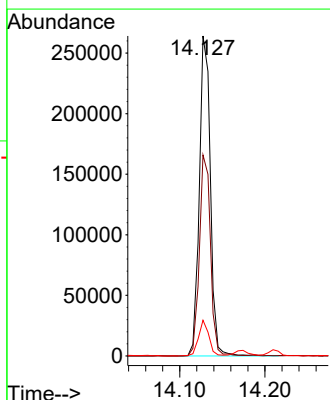
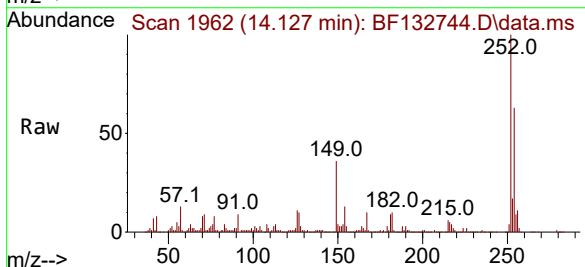
Tgt Ion:252 Resp: 238397

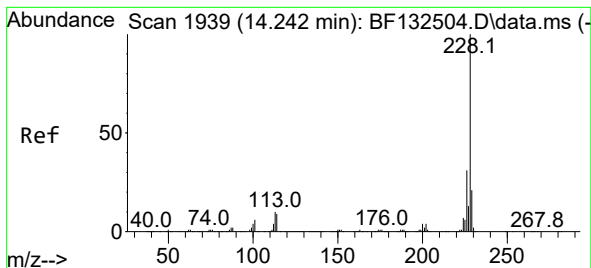
Ion Ratio Lower Upper

252 100

254 62.8 51.4 77.2

126 11.1 8.9 13.3





#83

Chrysene

Concen: 43.631 ng

RT: 14.210 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA\_F

ClientSampleId :

20230163-COMPOSITE-2MS

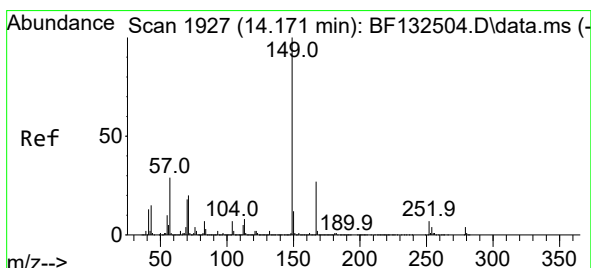
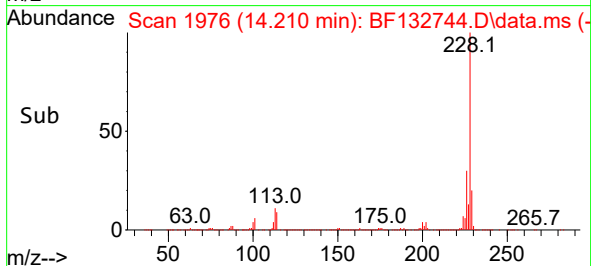
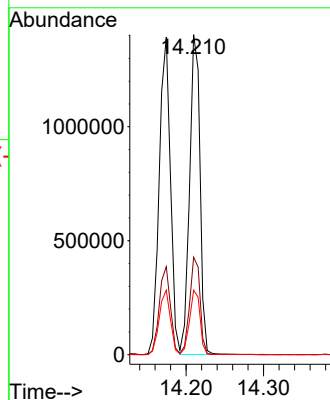
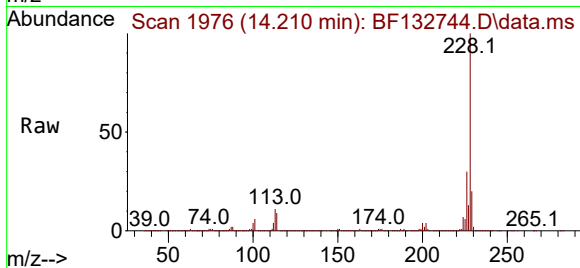
Tgt Ion:228 Resp: 1310049

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

229 20.1 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.764 ng

RT: 14.139 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

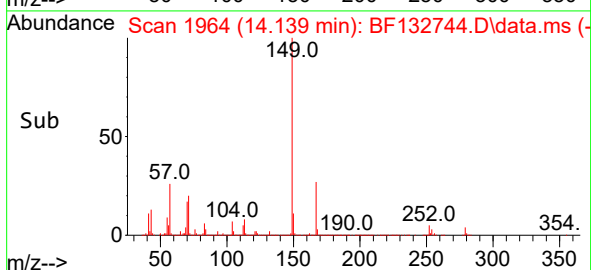
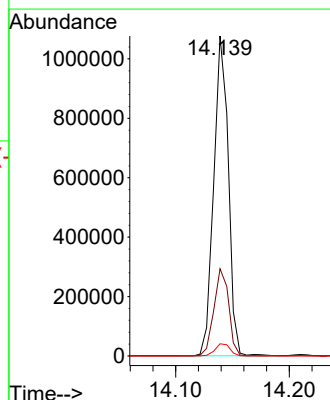
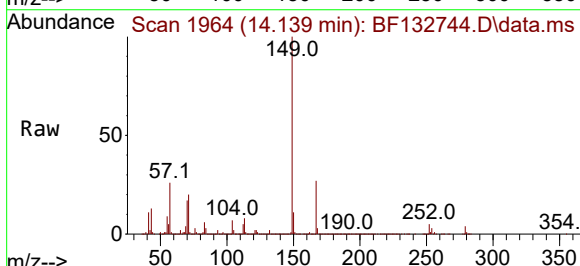
Tgt Ion:149 Resp: 960148

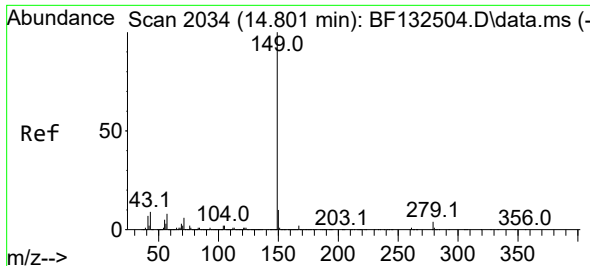
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

279 3.8 3.0 4.6

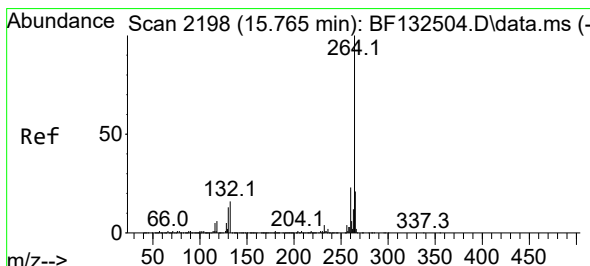
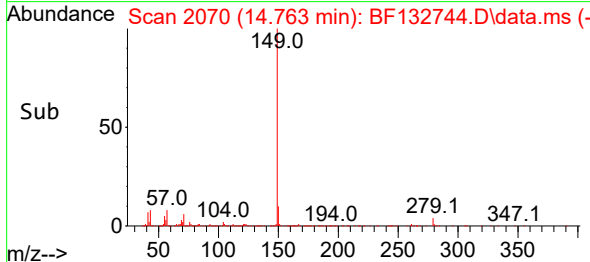
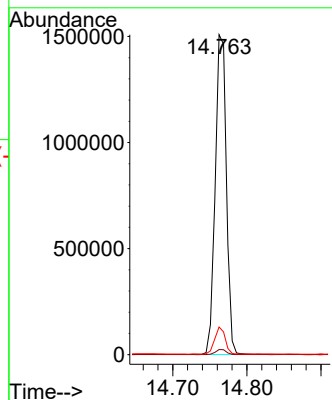
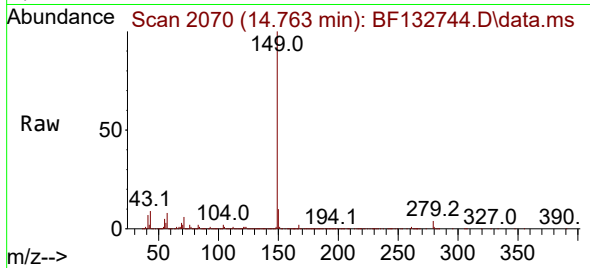




#85  
Di-n-octyl phthalate  
Concen: 56.825 ng  
RT: 14.763 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

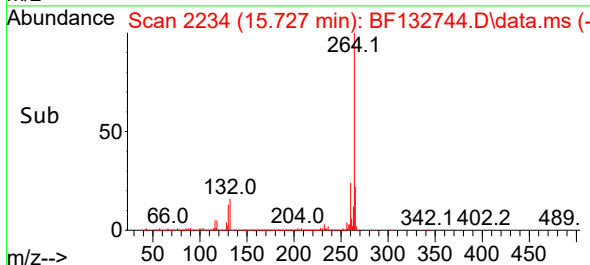
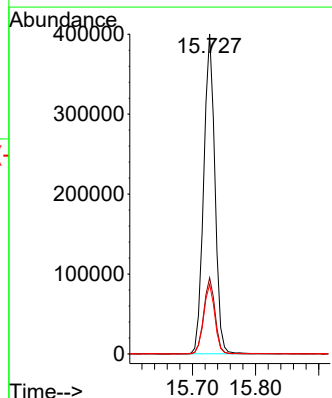
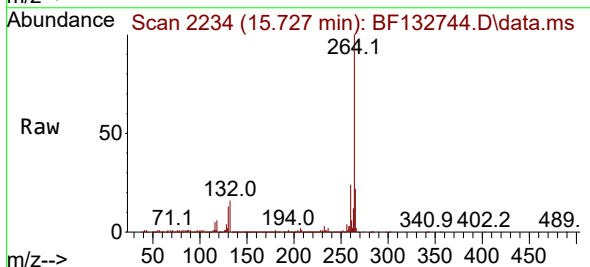
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

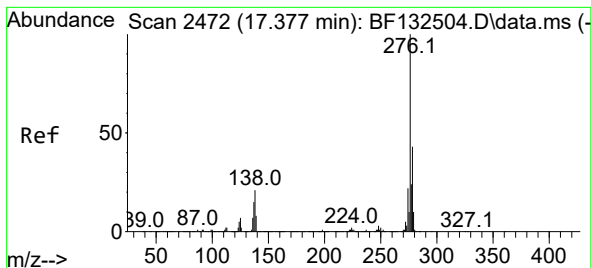
Tgt Ion:149 Resp: 1570582  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.0 7.2 10.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.727 min Scan# 2234  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:264 Resp: 492554  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.8 28.2  
265 21.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.465 ng

RT: 17.327 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA\_F

ClientSampleId :

20230163-COMPOSITE-2MS

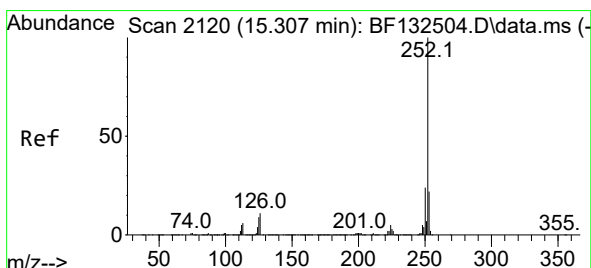
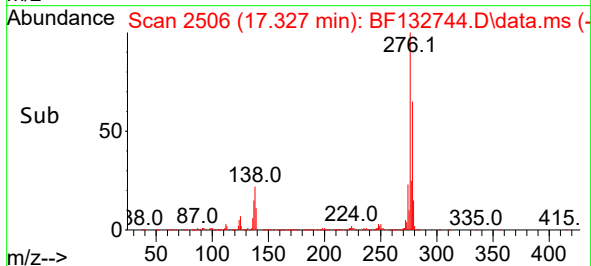
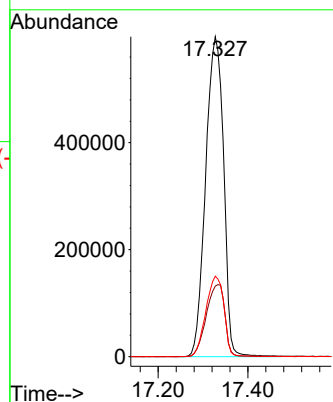
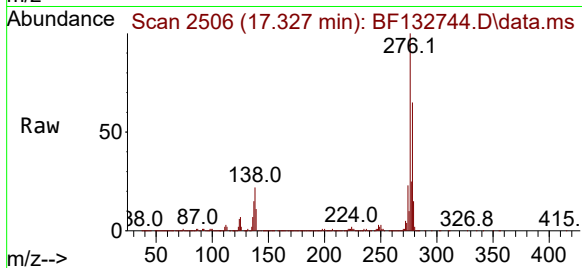
Tgt Ion:276 Resp: 1661007

Ion Ratio Lower Upper

276 100

138 23.2 19.0 28.4

277 25.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 41.603 ng

RT: 15.268 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

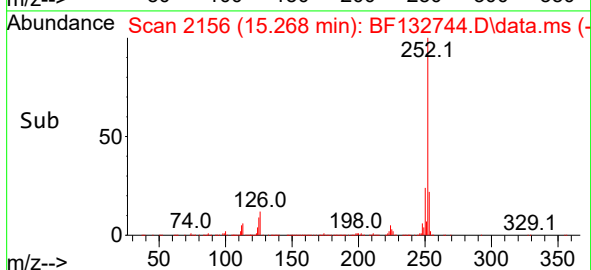
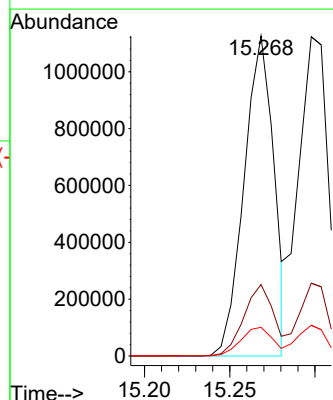
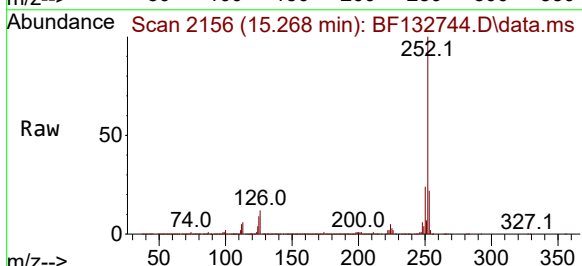
Tgt Ion:252 Resp: 1373253

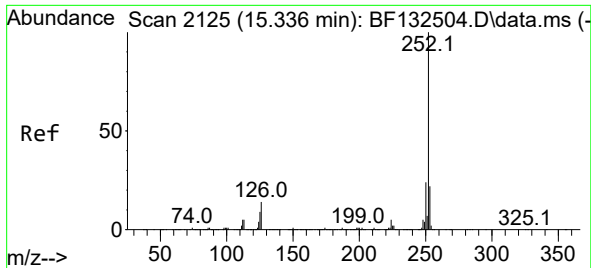
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.0 7.0 10.6

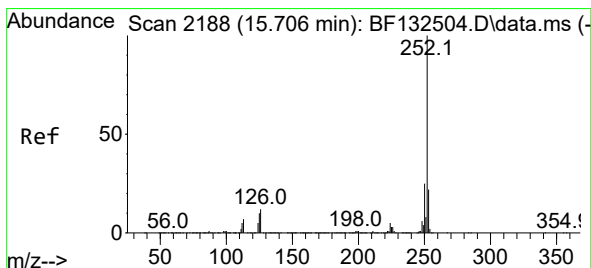
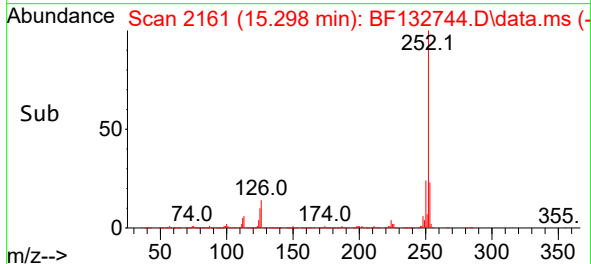
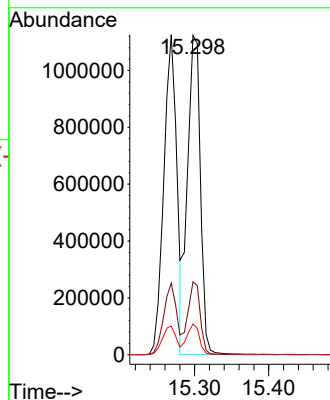
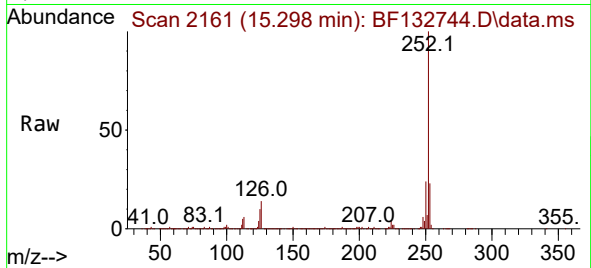




#89  
Benzo(k)fluoranthene  
Concen: 42.368 ng  
RT: 15.298 min Scan# 2125  
Delta R.T. -0.006 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

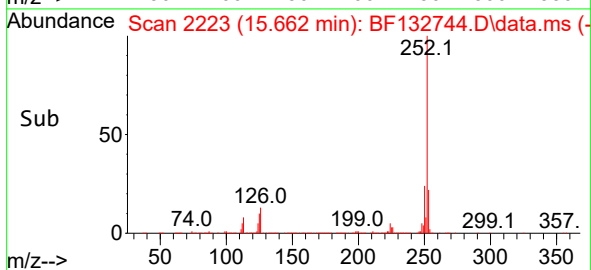
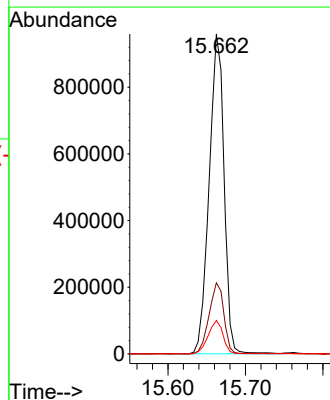
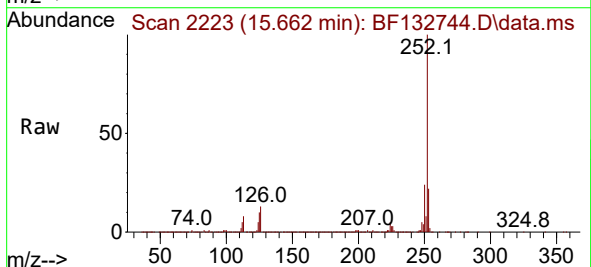
Instrument :  
BNA\_F  
ClientSampleId :  
20230163-COMPOSITE-2MS

Tgt Ion:252 Resp: 1368715  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.5 26.3  
125 9.6 7.2 10.8

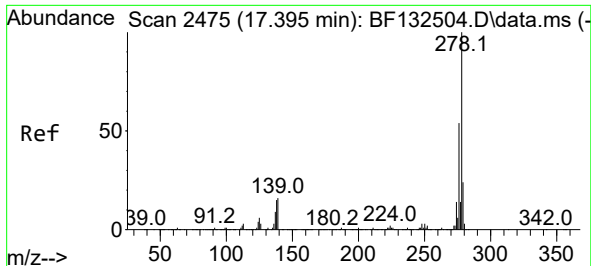


#90  
Benzo(a)pyrene  
Concen: 41.524 ng  
RT: 15.662 min Scan# 2223  
Delta R.T. 0.000 min  
Lab File: BF132744.D  
Acq: 10 Mar 2023 16:35

Tgt Ion:252 Resp: 1282802  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.2 25.8  
125 10.5 8.0 12.0



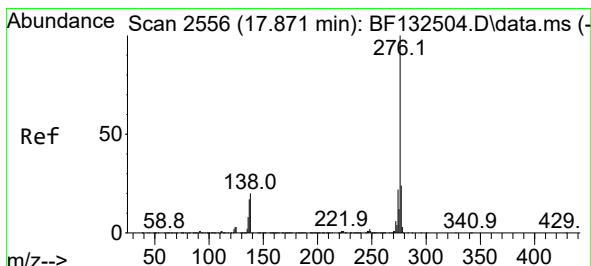
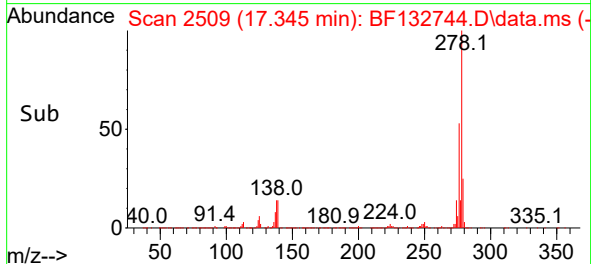
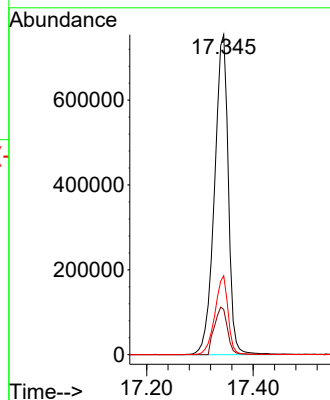
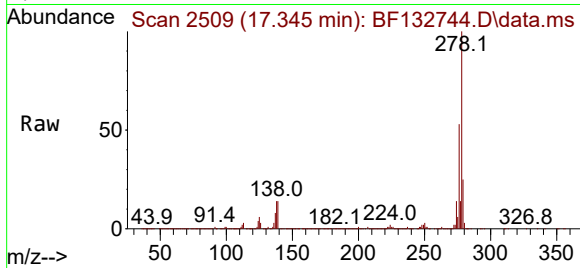




#91  
 Dibenzo(a,h)anthracene  
 Concen: 51.701 ng  
 RT: 17.345 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF132744.D  
 Acq: 10 Mar 2023 16:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20230163-COMPOSITE-2MS

Tgt Ion:278 Resp: 1359530  
 Ion Ratio Lower Upper  
 278 100  
 139 14.2 13.0 19.4  
 279 24.6 19.0 28.4



#92  
 Benzo(g,h,i)perylene  
 Concen: 46.801 ng  
 RT: 17.815 min Scan# 2589  
 Delta R.T. 0.000 min  
 Lab File: BF132744.D  
 Acq: 10 Mar 2023 16:35

Tgt Ion:276 Resp: 1389555  
 Ion Ratio Lower Upper  
 276 100  
 277 24.3 18.9 28.3  
 138 20.7 16.2 24.4

