

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
 Data File : BF134219.D  
 Acq On : 11 Jul 2023 18:32  
 Operator : CG\JU  
 Sample : PB154060BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 12 01:28:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 11 13:06:48 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 97220    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 382036   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.886  | 164  | 190313   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.380 | 188  | 377919   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 195774   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 179153   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 678360   | 116.719 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.486  | 99   | 809196   | 113.214 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 554052   | 78.177  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.680 | 330  | 281747   | 118.076 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 1022405  | 78.106  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.974 | 244  | 1152141  | 94.715  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.704  | 88   | 96774    | 40.383  | ng    | 98       |
| 3) Pyridine                   | 3.481  | 79   | 195725   | 31.356  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.440  | 42   | 151564   | 42.513  | ng    | 96       |
| 6) Aniline                    | 6.510  | 93   | 190303   | 21.880  | ng    | 91       |
| 8) 2-Chlorophenol             | 6.634  | 128  | 265600   | 45.018  | ng    | 94       |
| 9) Benzaldehyde               | 6.398  | 77   | 94260    | 21.067  | ng    | 98       |
| 10) Phenol                    | 6.498  | 94   | 313233   | 41.681  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.581  | 93   | 242468   | 43.824  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.786  | 146  | 283793   | 45.119  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.863  | 146  | 292598   | 46.056  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.010  | 146  | 276635   | 46.494  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.992  | 79   | 232279   | 42.155  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 396510   | 40.509  | ng    | 95       |
| 17) 2-Methylphenol            | 7.104  | 107  | 223658   | 42.334  | ng    | 96       |
| 18) Hexachloroethane          | 7.351  | 117  | 109223   | 46.366  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 188229   | 41.527  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.257  | 107  | 266094   | 41.517  | ng    | 99       |
| 22) Acetophenone              | 7.257  | 105  | 382257   | 43.996  | ng    | 96       |
| 24) Nitrobenzene              | 7.428  | 77   | 289481   | 40.420  | ng    | 94       |
| 25) Isophorone                | 7.663  | 82   | 514817   | 39.969  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.745  | 139  | 146425   | 42.620  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.781  | 122  | 231743   | 42.613  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 293963   | 39.415  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.986  | 162  | 223279   | 41.404  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.069  | 180  | 237124   | 42.614  | ng    | 98       |
| 31) Naphthalene               | 8.145  | 128  | 744346   | 40.336  | ng    | 99       |
| 32) Benzoic acid              | 7.910  | 122  | 166546   | 40.869  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.198  | 127  | 91238    | 11.558  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.257  | 225  | 154760   | 44.090  | ng    | 99       |
| 35) Caprolactam               | 8.575  | 113  | 58949    | 33.199  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.686  | 107  | 251527   | 41.519  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 501260   | 38.412  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.939  | 142  | 467560   | 38.541  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 246508   | 43.720  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 223305   | 83.481  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.122  | 196  | 156047   | 40.656  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
 Data File : BF134219.D  
 Acq On : 11 Jul 2023 18:32  
 Operator : CG\JU  
 Sample : PB154060BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

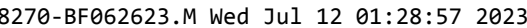
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 12 01:28:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 11 13:06:48 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.169  | 196  | 170462   | 37.756 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 639722   | 41.904 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.333  | 162  | 472252   | 42.280 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.433  | 65   | 168338   | 41.353 | ng    | 90       |
| 49) Acenaphthylene            | 9.745  | 152  | 764085   | 40.045 | ng    | 99       |
| 50) Dimethylphthalate         | 9.610  | 163  | 547823   | 39.655 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.675  | 165  | 121384   | 40.795 | ng    | 90       |
| 52) Acenaphthene              | 9.922  | 154  | 451484   | 40.778 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.845  | 138  | 98813    | 27.682 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 135077   | 78.675 | ng    | 98       |
| 55) Dibenzofuran              | 10.092 | 168  | 686362   | 39.667 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.016 | 139  | 180968   | 72.477 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.080 | 165  | 166599   | 42.397 | ng    | 90       |
| 58) Fluorene                  | 10.439 | 166  | 545169   | 40.498 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.216 | 232  | 144698   | 40.631 | ng    | 99       |
| 60) Diethylphthalate          | 10.310 | 149  | 568857   | 39.523 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.427 | 204  | 257047   | 39.622 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 131630   | 36.590 | ng    | 97       |
| 63) Azobenzene                | 10.592 | 77   | 530842   | 38.991 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 92683    | 44.983 | ng    | 80       |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 480363   | 39.783 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.921 | 248  | 159270   | 39.651 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 188624   | 44.227 | ng    | 98       |
| 69) Atrazine                  | 11.080 | 200  | 131174   | 39.274 | ng    | 97       |
| 70) Pentachlorophenol         | 11.186 | 266  | 174854   | 68.568 | ng    | 98       |
| 71) Phenanthrene              | 11.404 | 178  | 778151   | 40.901 | ng    | 99       |
| 72) Anthracene                | 11.457 | 178  | 794885   | 40.170 | ng    | 100      |
| 73) Carbazole                 | 11.616 | 167  | 751339   | 41.482 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.945 | 149  | 866876   | 40.247 | ng    | 100      |
| 75) Fluoranthene              | 12.598 | 202  | 825373   | 40.129 | ng    | 99       |
| 77) Benzidine                 | 12.727 | 184  | 113105   | 24.280 | ng    | 98       |
| 78) Pyrene                    | 12.833 | 202  | 831137   | 45.618 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 301090   | 44.063 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 576200   | 42.439 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 136183   | 31.659 | ng    | 98       |
| 83) Chrysene                  | 14.068 | 228  | 533435   | 40.564 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149  | 336757   | 42.890 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 482973   | 41.863 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.092 | 276  | 621998   | 50.034 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 505936   | 48.027 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 457910   | 42.693 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 436106   | 42.812 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.109 | 278  | 508179   | 50.048 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.562 | 276  | 511151   | 48.816 | ng    | 97       |

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

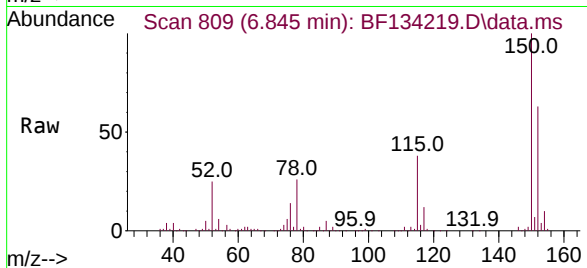
Quant Time: Jul 12 01:28:48 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 11 13:06:48 2023  
Response via : Initial Calibration



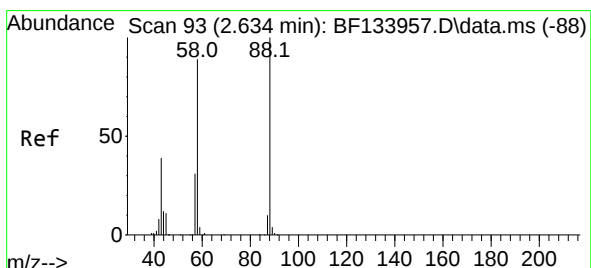
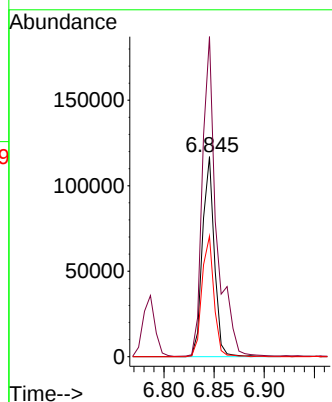
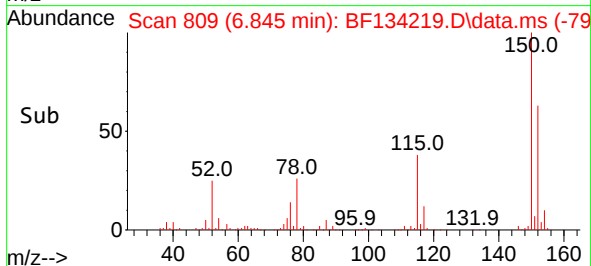


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.845 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BF134219.D  
 Acq: 11 Jul 2023 18:32

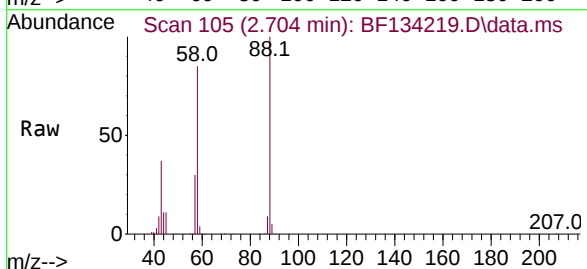
Instrument :  
 BNA\_F  
 ClientSampleId :



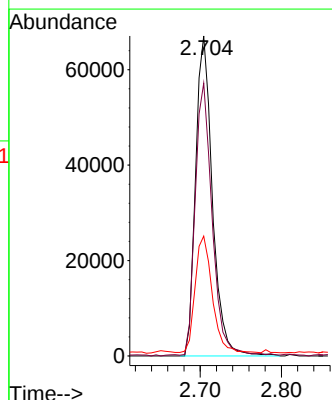
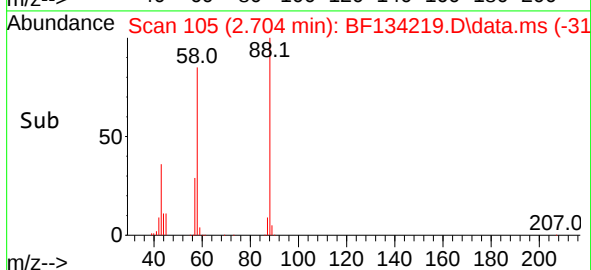
Tgt Ion:152 Resp: 97220  
 Ion Ratio Lower Upper  
 152 100  
 150 160.0 124.5 186.7  
 115 60.2 50.2 75.2

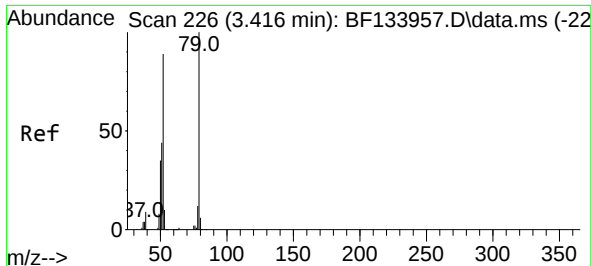


#2  
 1,4-Dioxane  
 Concen: 40.383 ng  
 RT: 2.704 min Scan# 105  
 Delta R.T. 0.088 min  
 Lab File: BF134219.D  
 Acq: 11 Jul 2023 18:32



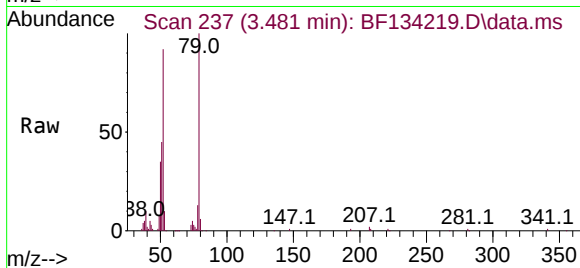
Tgt Ion: 88 Resp: 96774  
 Ion Ratio Lower Upper  
 88 100  
 58 87.0 68.8 103.2  
 43 36.6 30.7 46.1



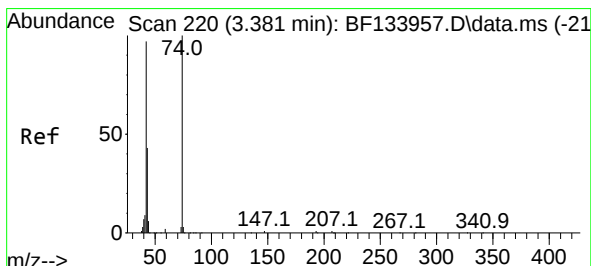
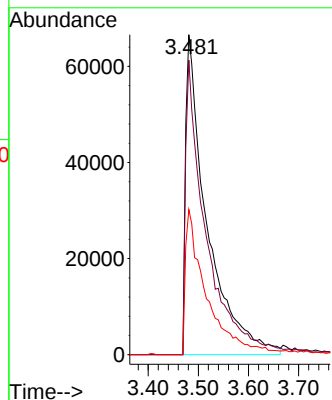
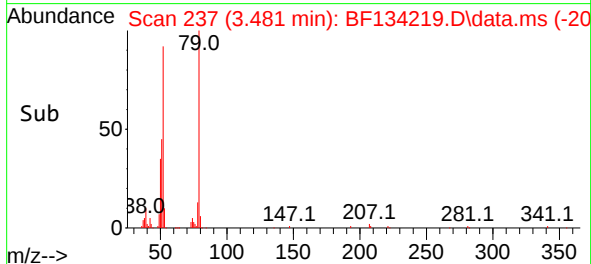


#3  
 Pyridine  
 Concen: 31.356 ng  
 RT: 3.481 min Scan# 21  
 Delta R.T. 0.082 min  
 Lab File: BF134219.D  
 Acq: 11 Jul 2023 18:32

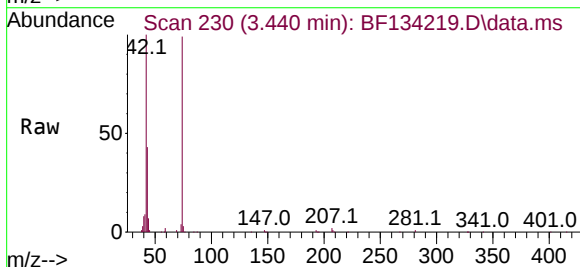
Instrument :  
 BNA\_F  
 ClientSampleId :



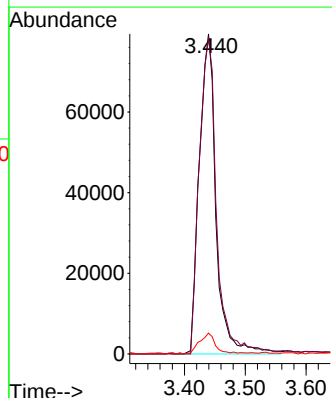
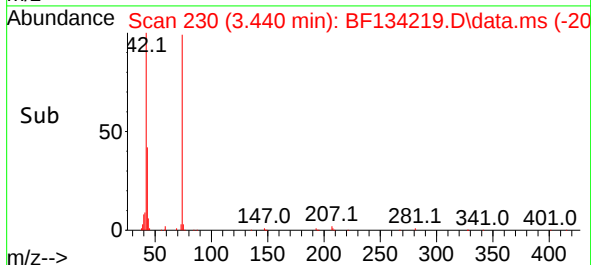
Tgt Ion: 79 Resp: 195725  
 Ion Ratio Lower Upper  
 79 100  
 52 92.0 71.1 106.7  
 51 45.4 35.2 52.8



#4  
 n-Nitrosodimethylamine  
 Concen: 42.513 ng  
 RT: 3.440 min Scan# 230  
 Delta R.T. 0.076 min  
 Lab File: BF134219.D  
 Acq: 11 Jul 2023 18:32



Tgt Ion: 42 Resp: 151564  
 Ion Ratio Lower Upper  
 42 100  
 74 98.7 82.4 123.6  
 44 6.5 4.9 7.3

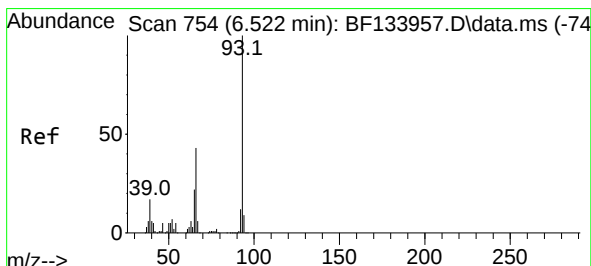
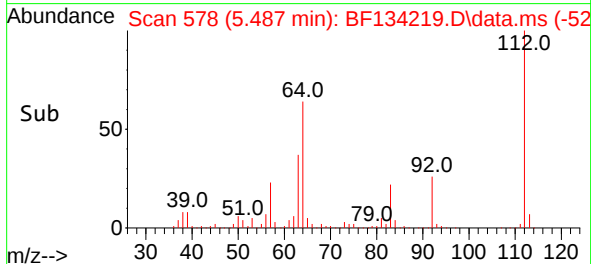
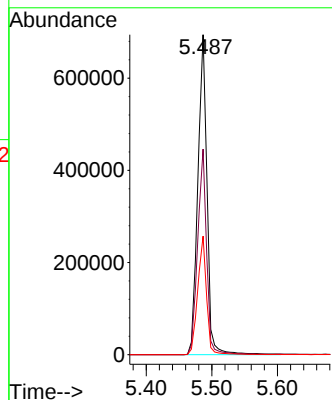
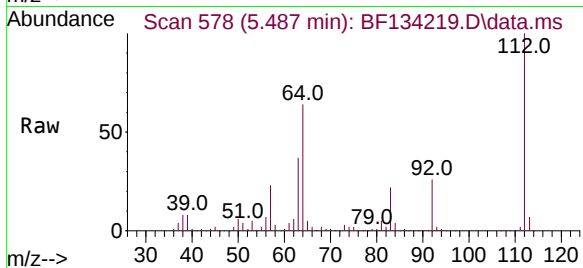




#5  
2-Fluorophenol  
Concen: 116.719 ng  
RT: 5.487 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

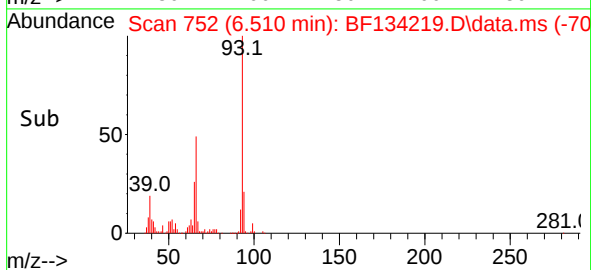
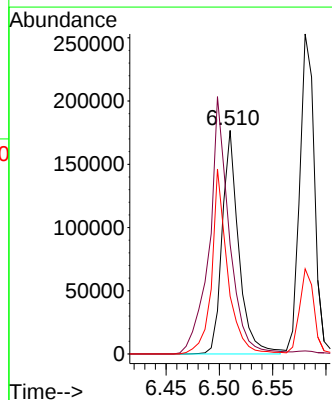
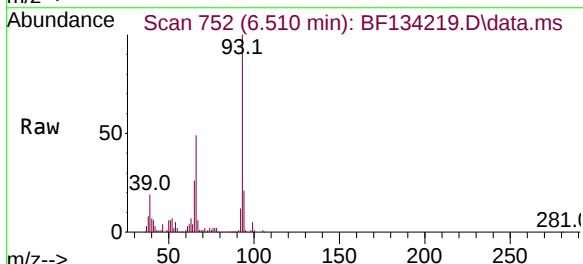
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:112 Resp: 678360  
Ion Ratio Lower Upper  
112 100  
64 64.2 52.1 78.1  
63 37.1 28.6 42.8



#6  
Aniline  
Concen: 21.880 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

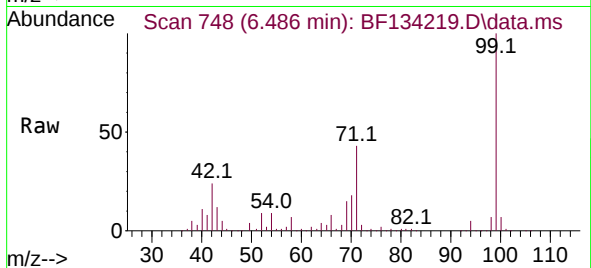
Tgt Ion: 93 Resp: 190303  
Ion Ratio Lower Upper  
93 100  
66 49.0 34.5 51.7  
65 25.8 17.8 26.6



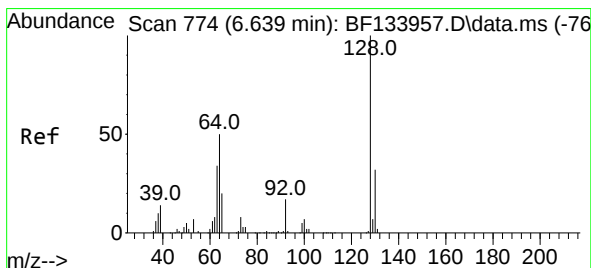
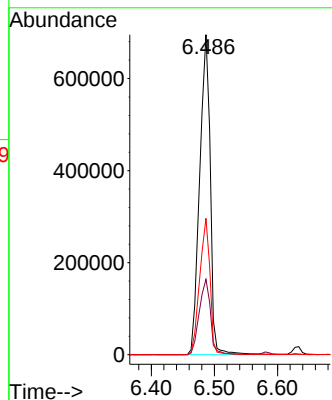
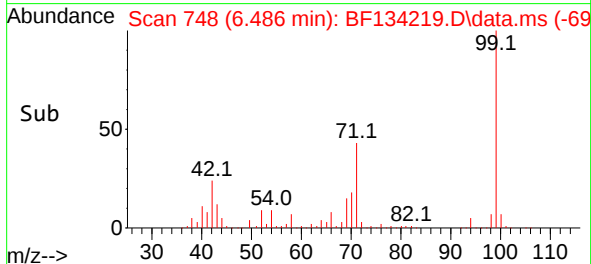


#7  
Phenol-d6  
Concen: 113.214 ng  
RT: 6.486 min Scan# 749  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

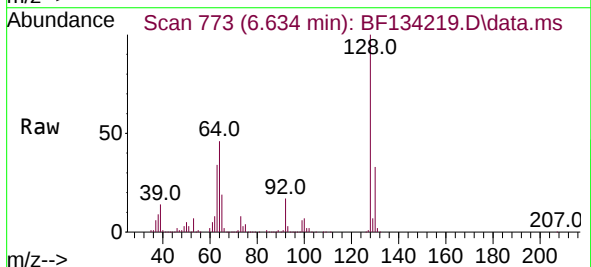
Instrument :  
BNA\_F  
ClientSampleId :



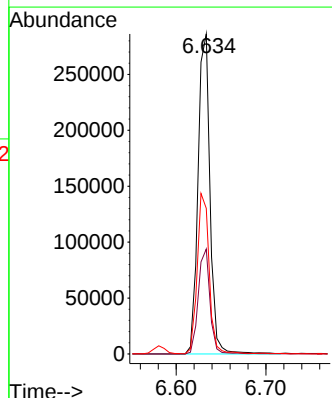
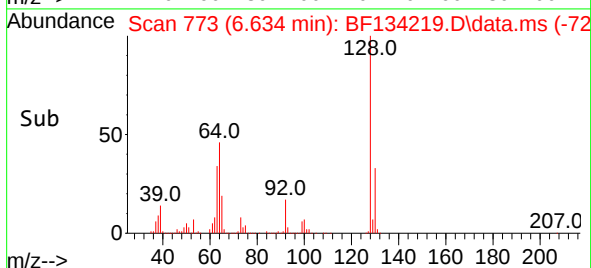
Tgt Ion: 99 Resp: 809196  
Ion Ratio Lower Upper  
99 100  
42 23.5 19.8 29.6  
71 42.6 31.9 47.9

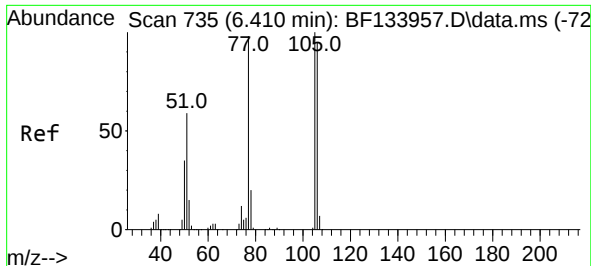


#8  
2-Chlorophenol  
Concen: 45.018 ng  
RT: 6.634 min Scan# 773  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32



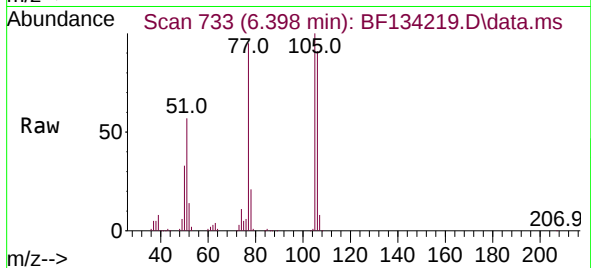
Tgt Ion:128 Resp: 265600  
Ion Ratio Lower Upper  
128 100  
130 32.8 11.7 51.7  
64 45.5 31.3 71.3



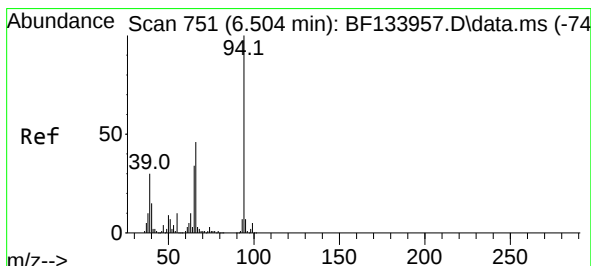
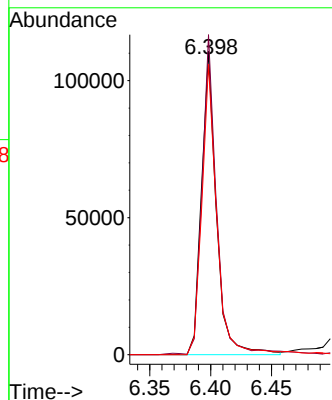
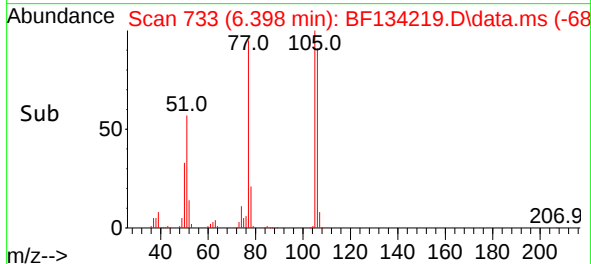


#9  
Benzaldehyde  
Concen: 21.067 ng  
RT: 6.398 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Instrument :  
BNA\_F  
ClientSampleId :

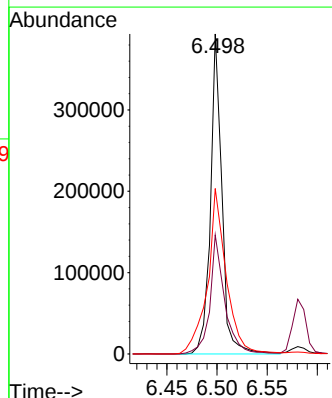
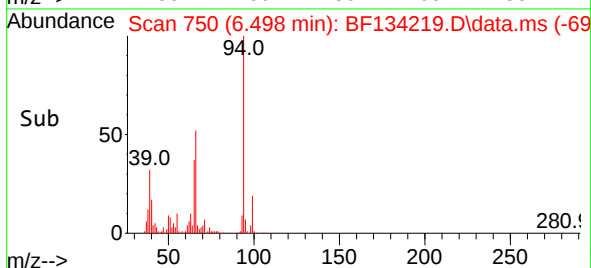
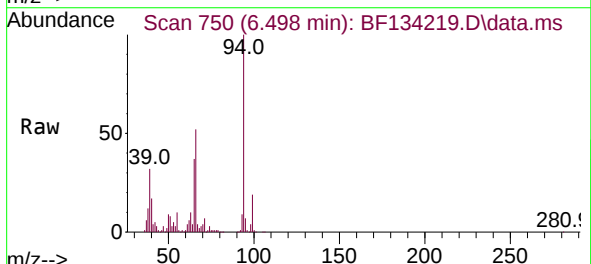


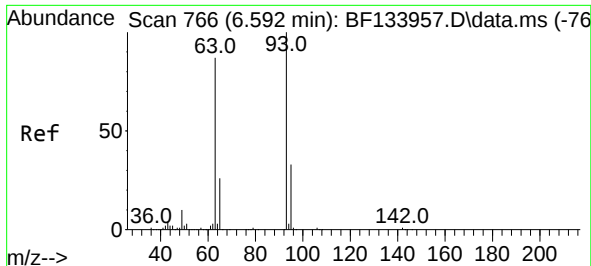
Tgt Ion: 77 Resp: 94260  
Ion Ratio Lower Upper  
77 100  
105 105.5 82.0 122.0  
106 95.8 76.9 116.9



#10  
Phenol  
Concen: 41.681 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Tgt Ion: 94 Resp: 313233  
Ion Ratio Lower Upper  
94 100  
65 37.2 14.2 54.2  
66 51.7 26.4 66.4

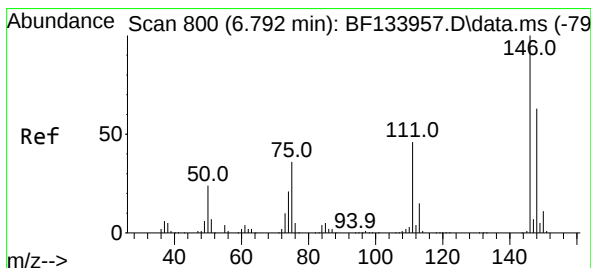
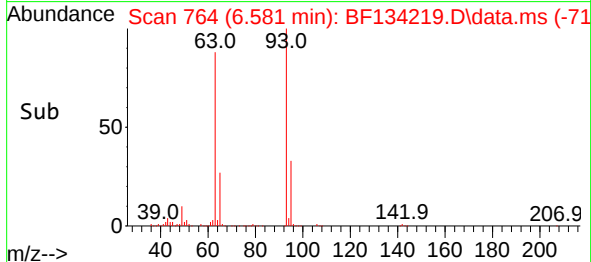
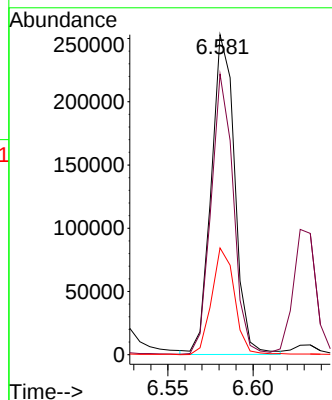
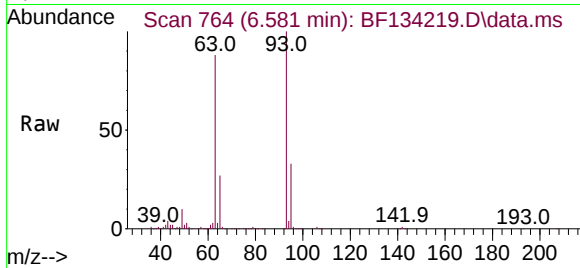




#11  
bis(2-Chloroethyl)ether  
Concen: 43.824 ng  
RT: 6.581 min Scan# 701  
Delta R.T. -0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

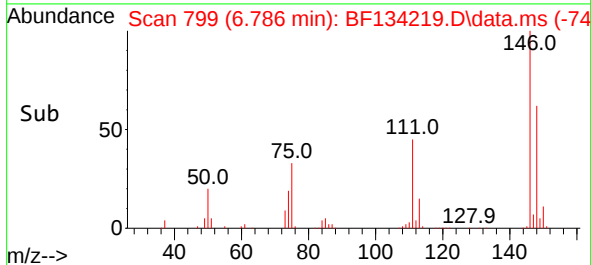
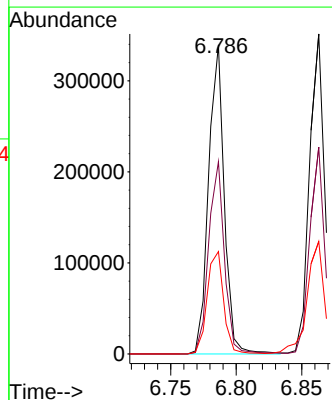
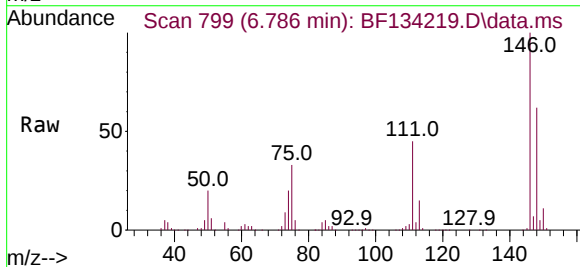
Instrument :  
BNA\_F  
ClientSampleId :

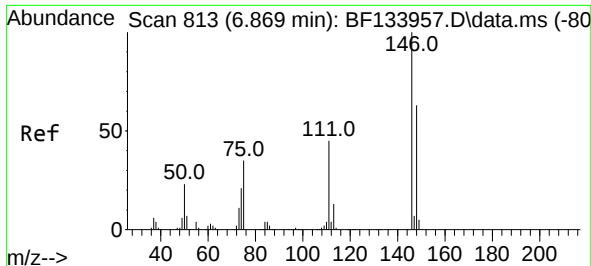
Tgt Ion: 93 Resp: 242468  
Ion Ratio Lower Upper  
93 100  
63 87.7 66.5 106.5  
95 33.3 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 45.119 ng  
RT: 6.786 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

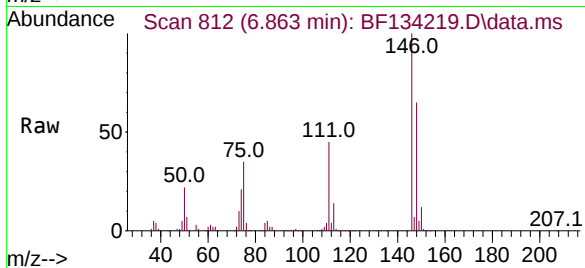
Tgt Ion:146 Resp: 283793  
Ion Ratio Lower Upper  
146 100  
148 62.2 50.5 75.7  
75 33.1 29.0 43.6



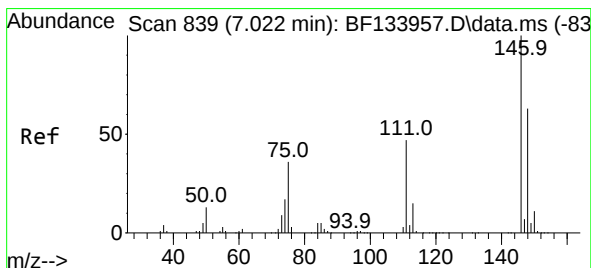
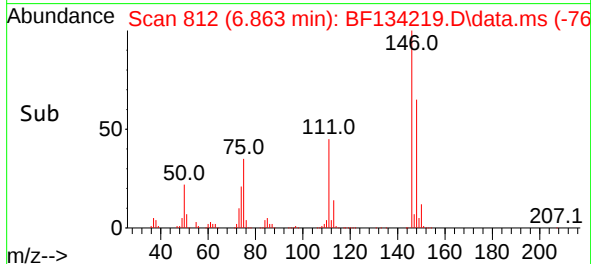
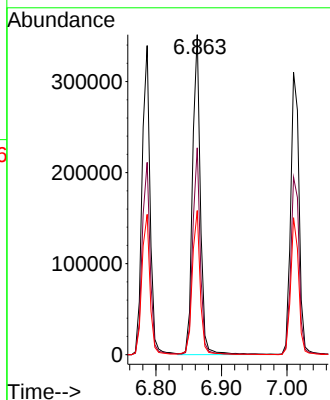


#13  
1,4-Dichlorobenzene  
Concen: 46.056 ng  
RT: 6.863 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Instrument :  
BNA\_F  
ClientSampleId :

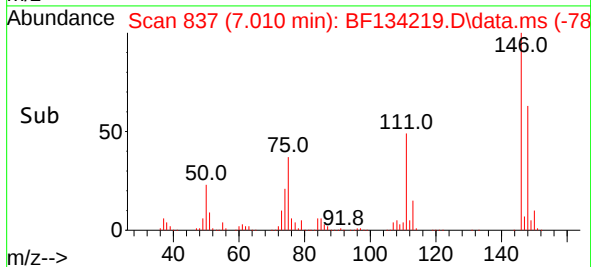
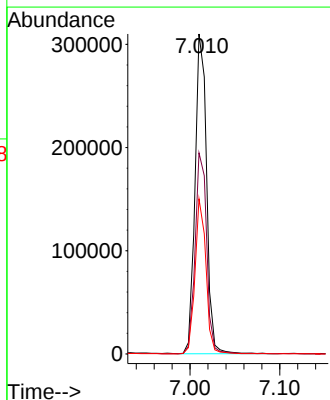
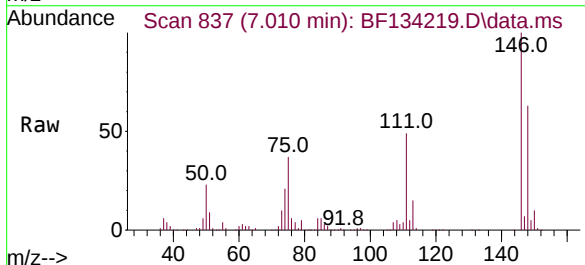


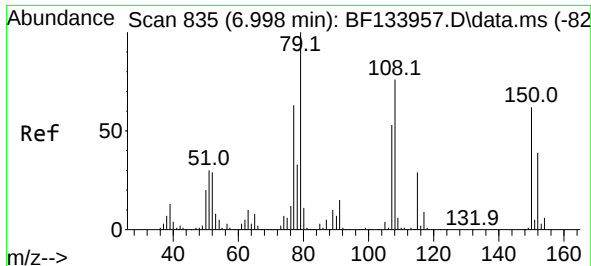
Tgt Ion:146 Resp: 292598  
Ion Ratio Lower Upper  
146 100  
148 64.7 50.2 75.2  
111 45.0 35.8 53.6



#14  
1,2-Dichlorobenzene  
Concen: 46.494 ng  
RT: 7.010 min Scan# 837  
Delta R.T. -0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Tgt Ion:146 Resp: 276635  
Ion Ratio Lower Upper  
146 100  
148 62.8 50.6 76.0  
111 48.5 38.0 57.0

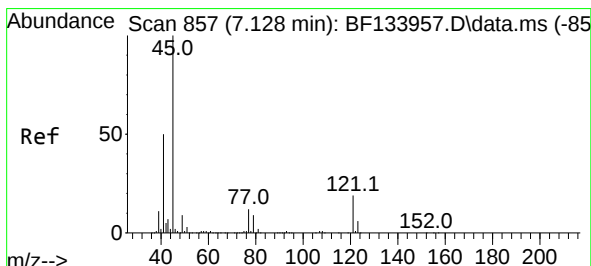
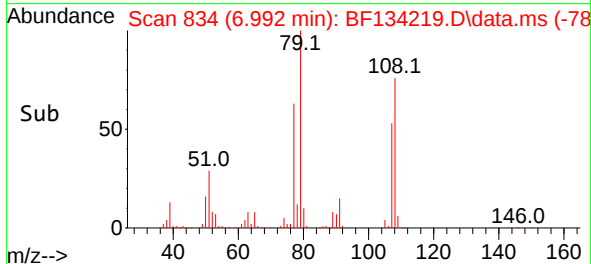
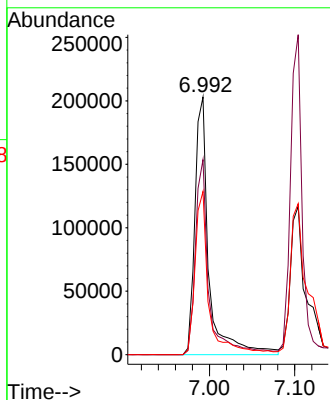
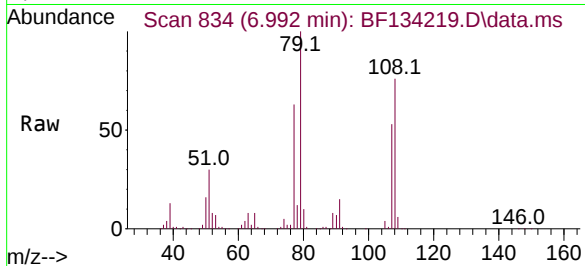




#15  
Benzyl Alcohol  
Concen: 42.155 ng  
RT: 6.992 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

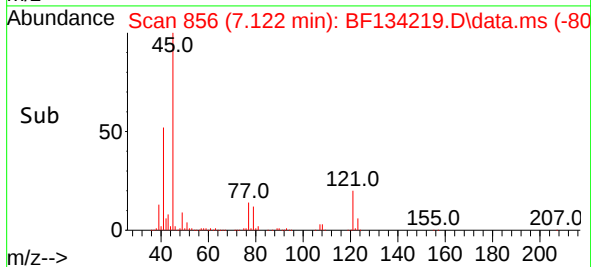
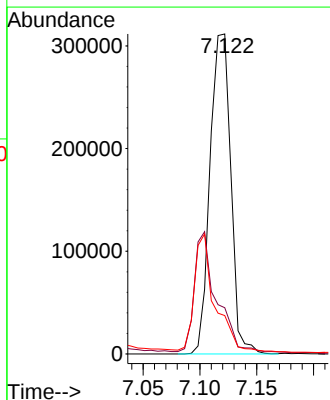
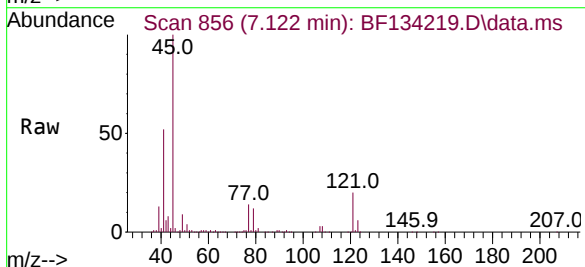
Instrument :  
BNA\_F  
ClientSampleId :

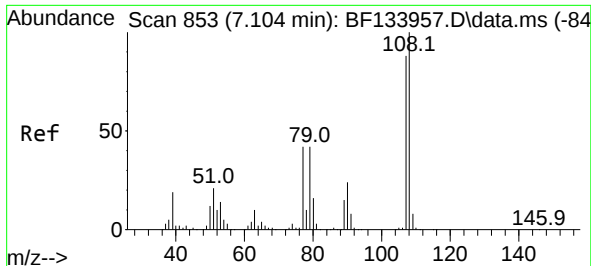
Tgt Ion: 79 Resp: 232279  
Ion Ratio Lower Upper  
79 100  
108 75.7 60.7 91.1  
77 63.4 50.6 75.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.509 ng  
RT: 7.122 min Scan# 856  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

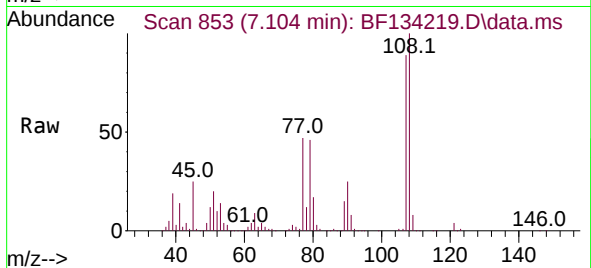
Tgt Ion: 45 Resp: 396510  
Ion Ratio Lower Upper  
45 100  
77 14.4 0.0 32.9  
79 12.0 0.0 29.5



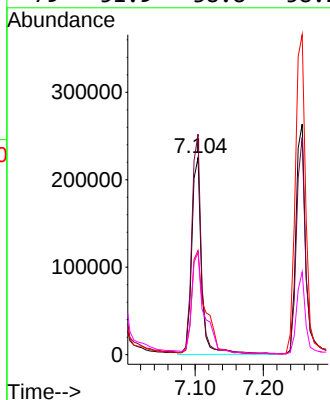
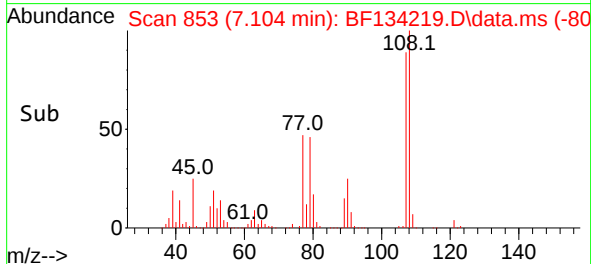


#17  
2-Methylphenol  
Concen: 42.334 ng  
RT: 7.104 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Instrument :  
BNA\_F  
ClientSampleId :

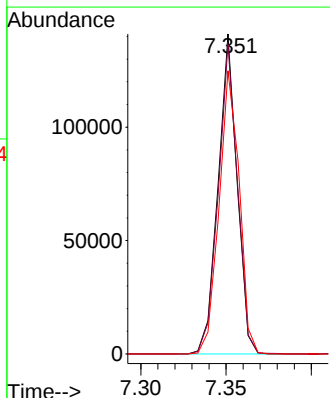
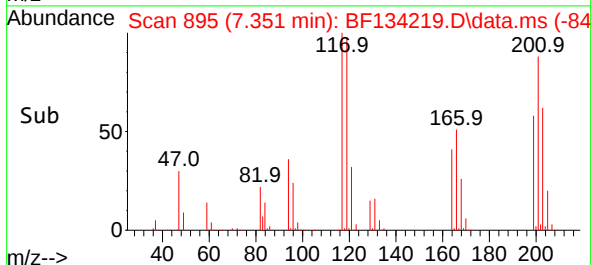
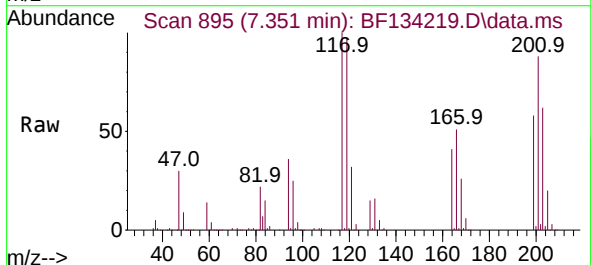


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 223658 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.9 | 90.6  | 136.0  |
| 77       | 52.9  | 38.3  | 57.5   |
| 79       | 51.9  | 38.8  | 58.2   |



#18  
Hexachloroethane  
Concen: 46.366 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

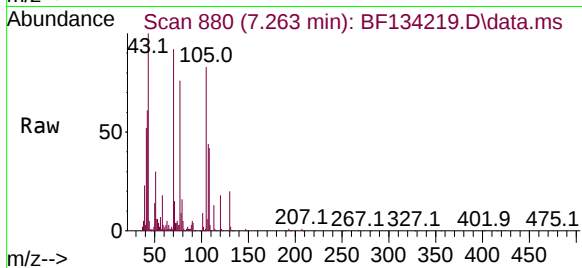
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 109223 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.7  | 74.2  | 111.4  |
| 201      | 88.5  | 77.2  | 115.8  |



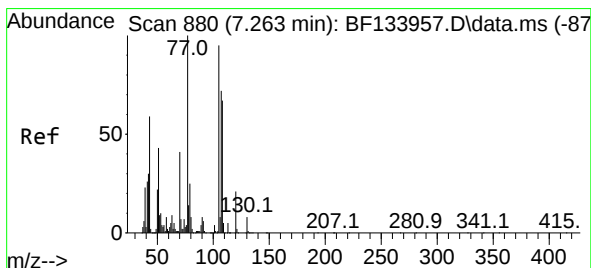
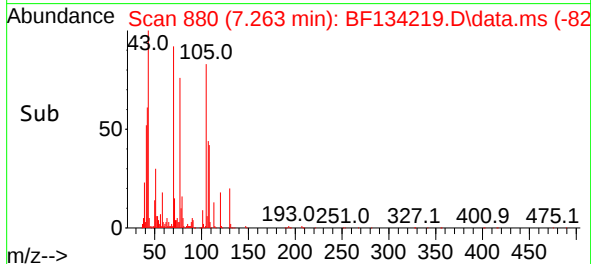
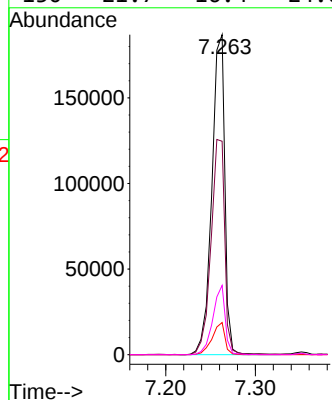


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.527 ng  
RT: 7.263 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Instrument :  
BNA\_F  
ClientSampleId :

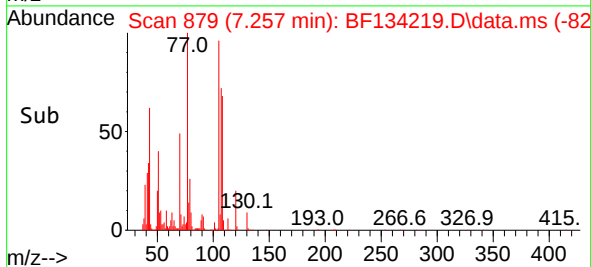
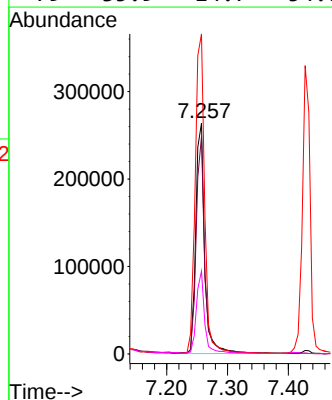
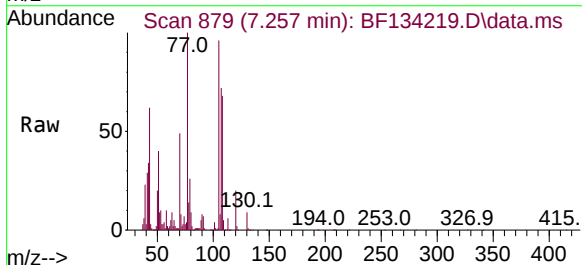


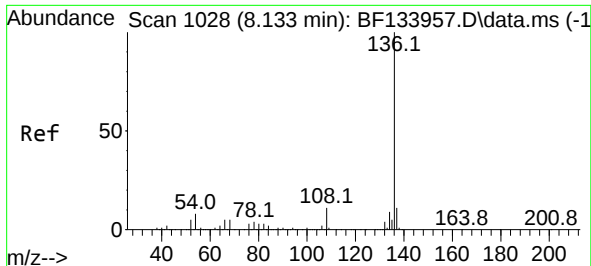
Tgt Ion: 70 Resp: 188229  
Ion Ratio Lower Upper  
70 100  
42 66.7 54.7 82.1  
101 10.0 7.7 11.5  
130 21.7 16.4 24.6



#20  
3+4-Methylphenols  
Concen: 41.517 ng  
RT: 7.257 min Scan# 879  
Delta R.T. 0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

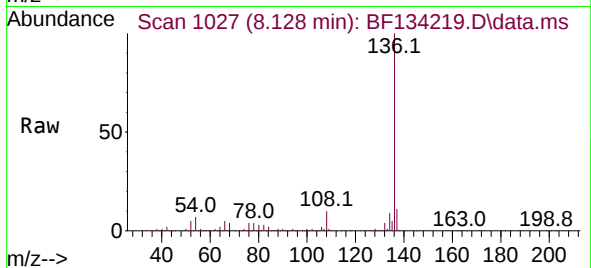
Tgt Ion: 107 Resp: 266094  
Ion Ratio Lower Upper  
107 100  
108 94.2 73.2 113.2  
77 138.7 118.3 158.3  
79 35.9 14.7 54.7



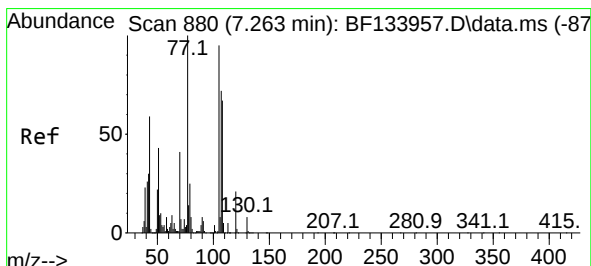
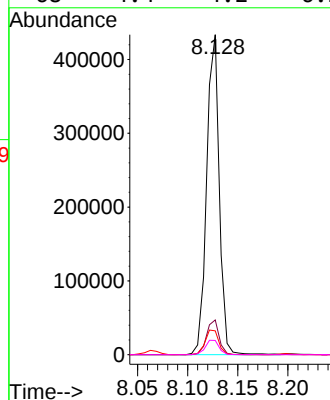
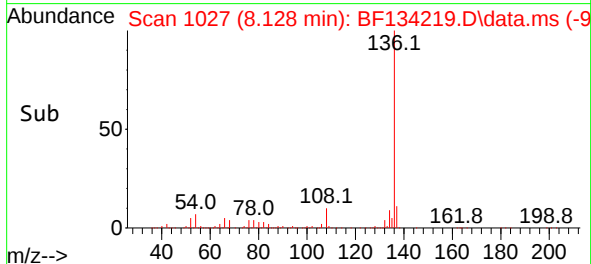


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

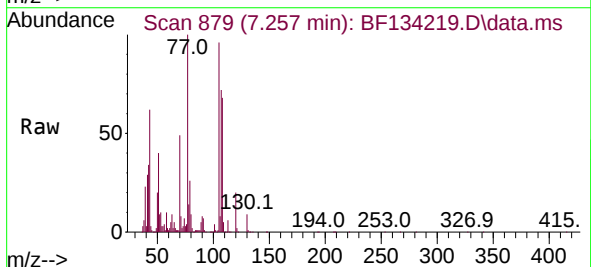
Instrument :  
BNA\_F  
ClientSampleId :



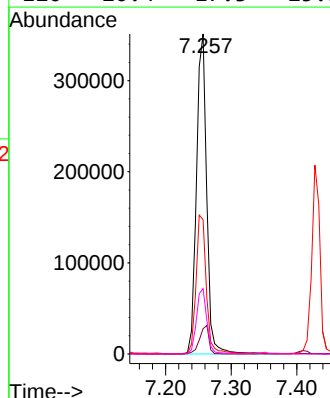
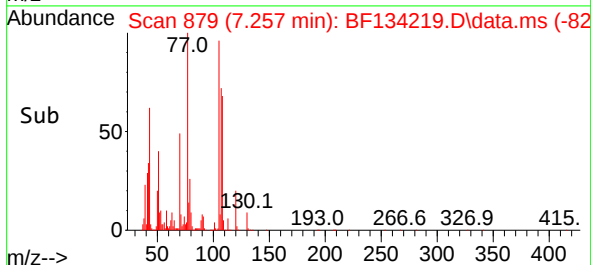
Tgt Ion:136 Resp: 382036  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 7.4 6.5 9.7  
68 4.4 4.2 6.2

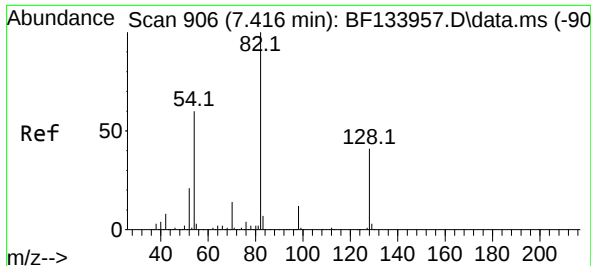


#22  
Acetophenone  
Concen: 43.996 ng  
RT: 7.257 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32



Tgt Ion:105 Resp: 382257  
Ion Ratio Lower Upper  
105 100  
71 7.9 5.5 8.3  
51 41.9 36.5 54.7  
120 20.4 17.3 25.9





#23

Nitrobenzene-d5

Concen: 78.177 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.000 min

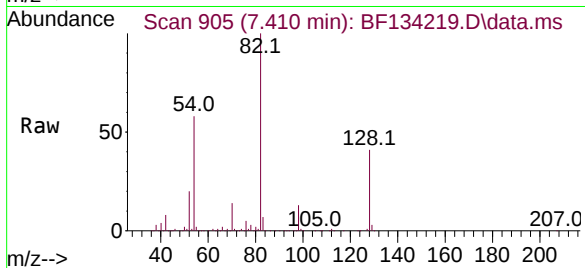
Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA\_F

ClientSampleId :



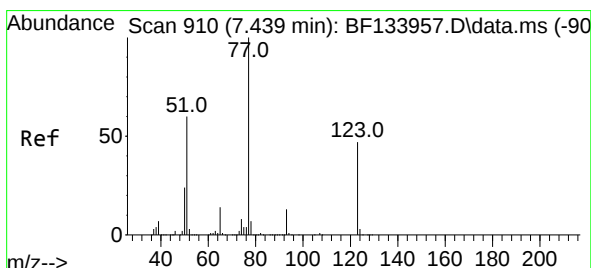
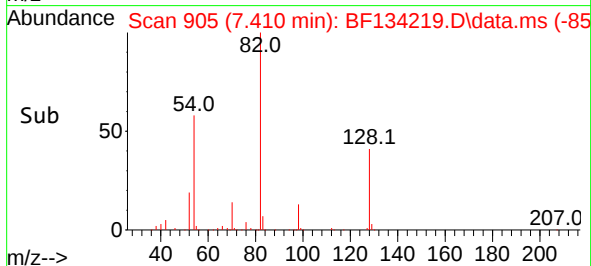
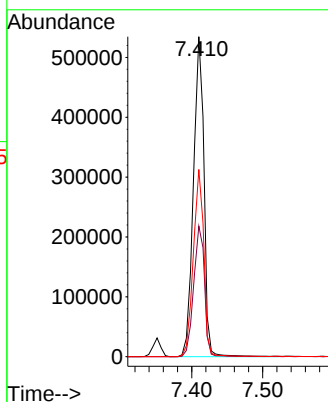
Tgt Ion: 82 Resp: 554052

Ion Ratio Lower Upper

82 100

128 40.8 32.5 48.7

54 58.5 48.2 72.2



#24

Nitrobenzene

Concen: 40.420 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

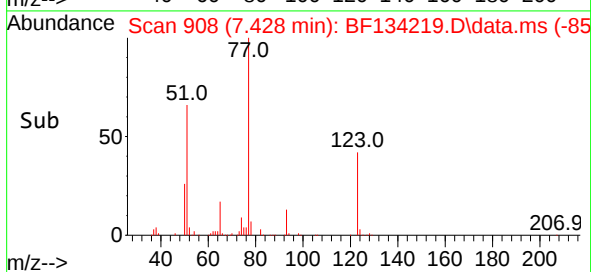
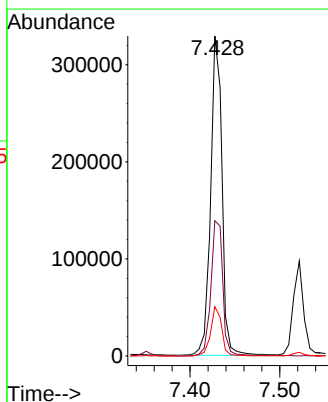
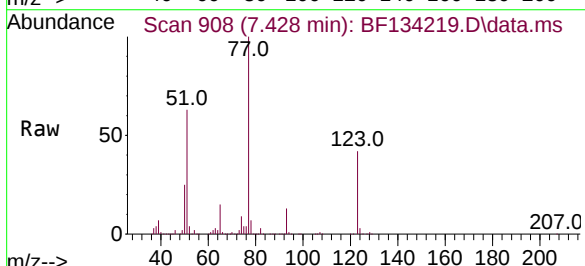
Tgt Ion: 77 Resp: 289481

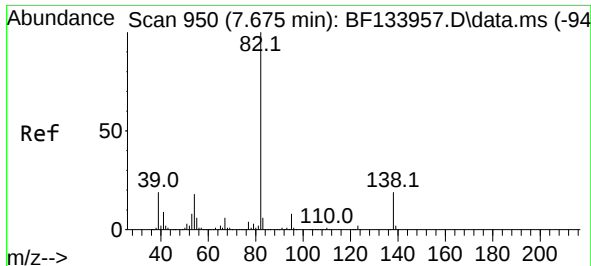
Ion Ratio Lower Upper

77 100

123 42.2 37.8 56.6

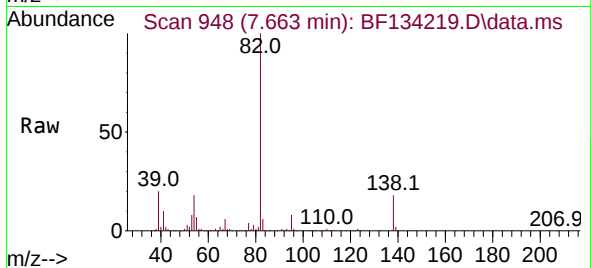
65 15.4 11.3 16.9



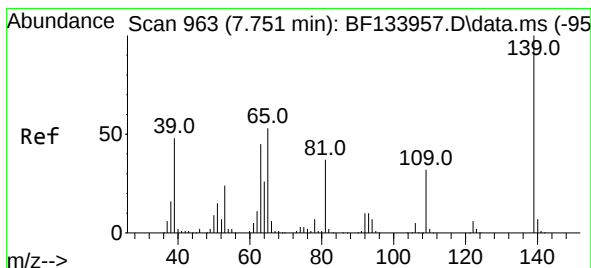
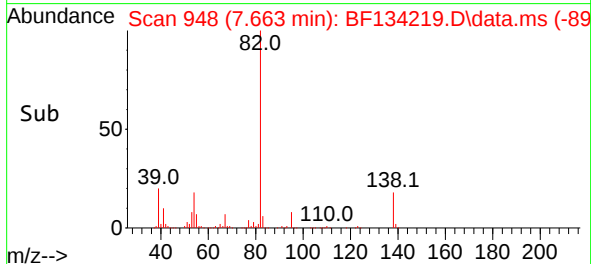
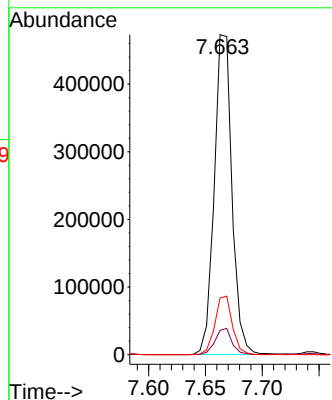


#25  
Isophorone  
Concen: 39.969 ng  
RT: 7.663 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Instrument :  
BNA\_F  
ClientSampleId :

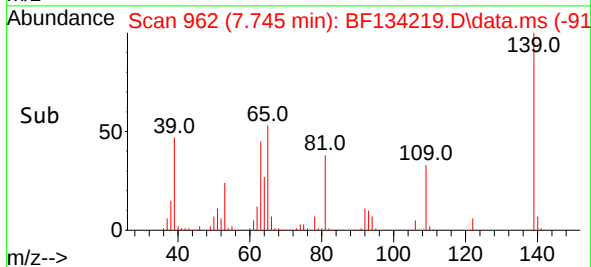
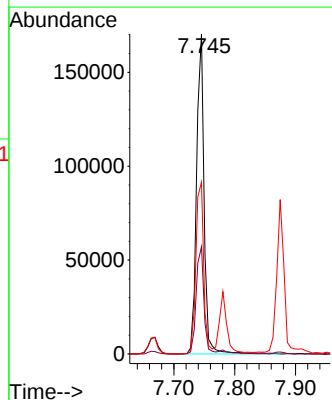
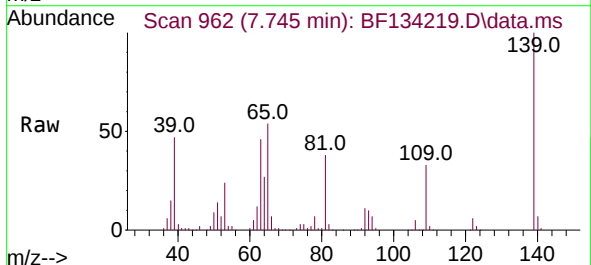


Tgt Ion: 82 Resp: 514817  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.1 9.1  
138 17.7 15.2 22.8



#26  
2-Nitrophenol  
Concen: 42.620 ng  
RT: 7.745 min Scan# 962  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

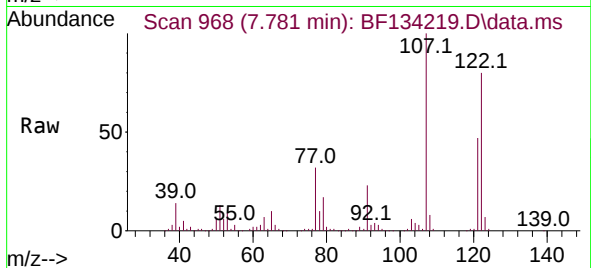
Tgt Ion: 139 Resp: 146425  
Ion Ratio Lower Upper  
139 100  
109 33.5 25.8 38.8  
65 53.7 42.4 63.6



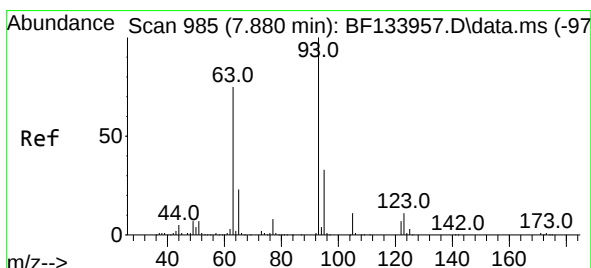
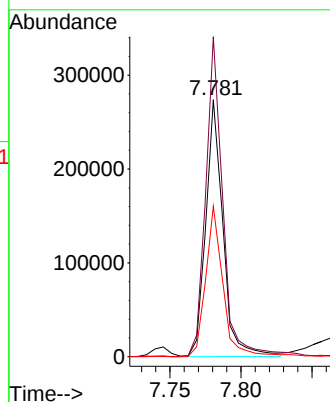
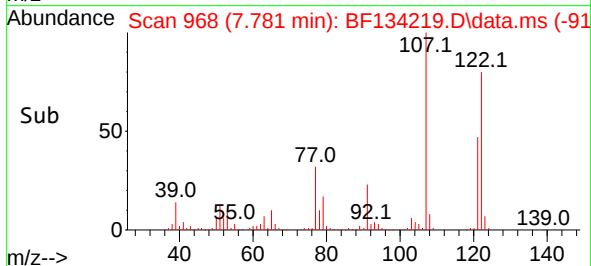


#27  
2,4-Dimethylphenol  
Concen: 42.613 ng  
RT: 7.781 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

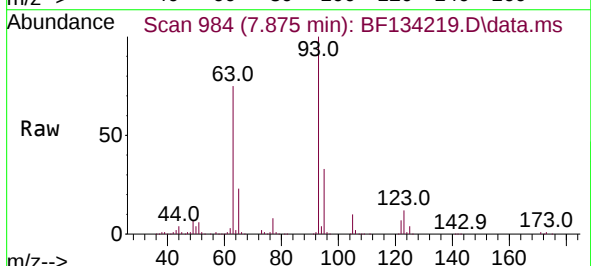
Instrument :  
BNA\_F  
ClientSampleId :



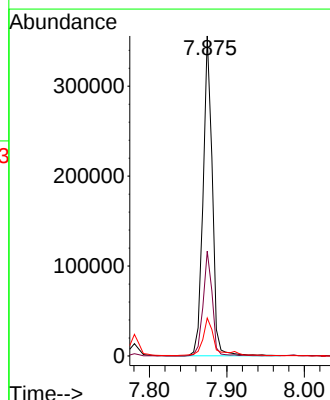
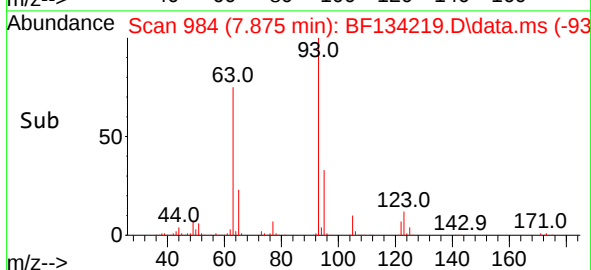
Tgt Ion:122 Resp: 231743  
Ion Ratio Lower Upper  
122 100  
107 124.5 95.5 143.3  
121 58.5 45.5 68.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.415 ng  
RT: 7.875 min Scan# 984  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32



Tgt Ion: 93 Resp: 293963  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.5 39.7  
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.404 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA\_F

ClientSampleId :

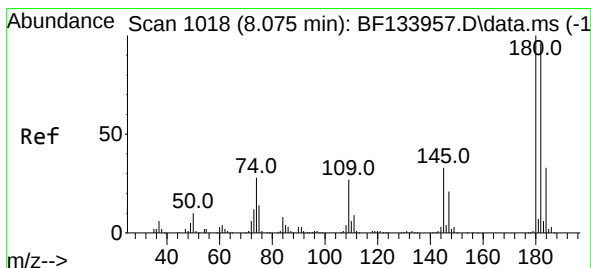
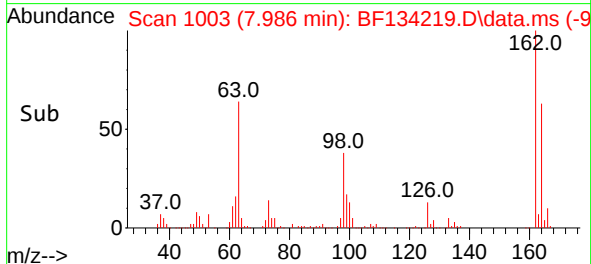
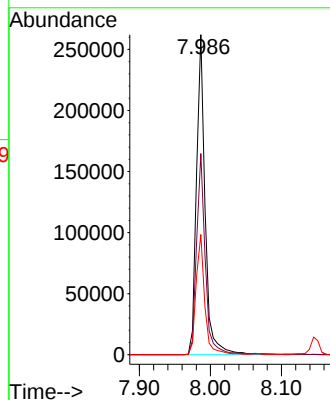
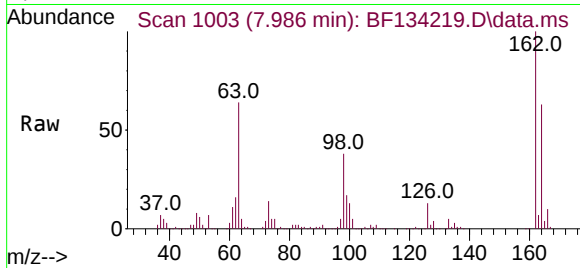
Tgt Ion:162 Resp: 223279

Ion Ratio Lower Upper

162 100

164 62.9 43.2 83.2

98 37.5 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 42.614 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

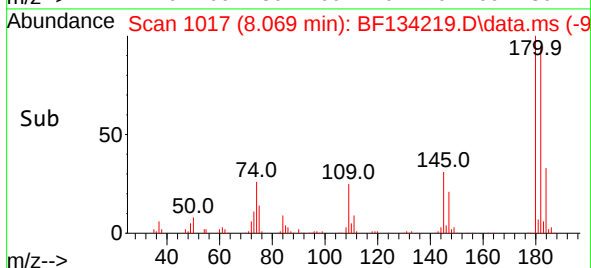
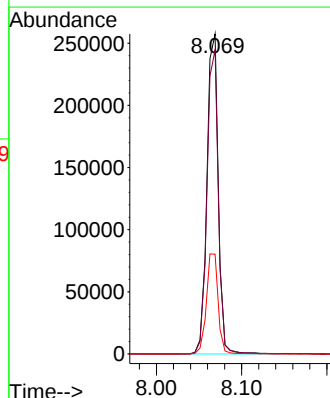
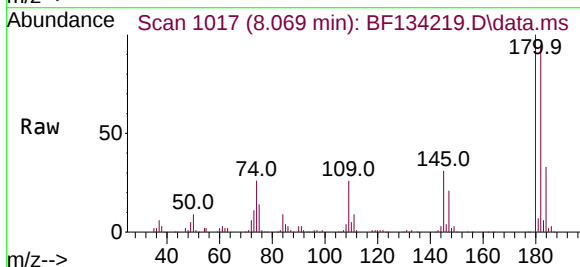
Tgt Ion:180 Resp: 237124

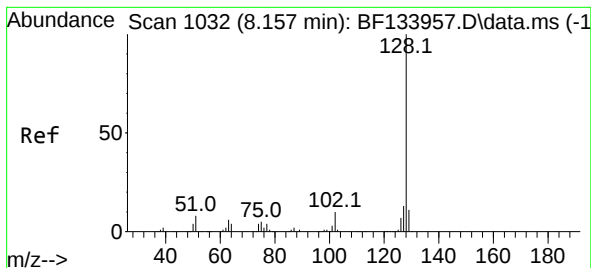
Ion Ratio Lower Upper

180 100

182 95.0 77.1 115.7

145 31.2 26.0 39.0





#31

Naphthalene

Concen: 40.336 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA\_F

ClientSampleId :

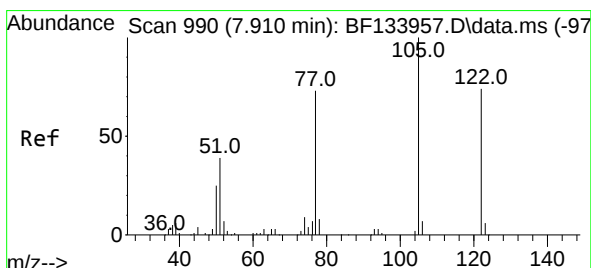
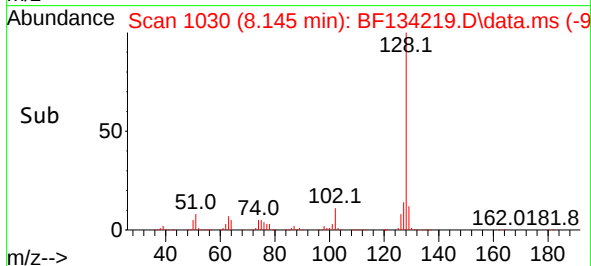
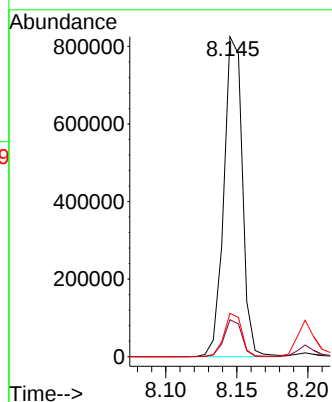
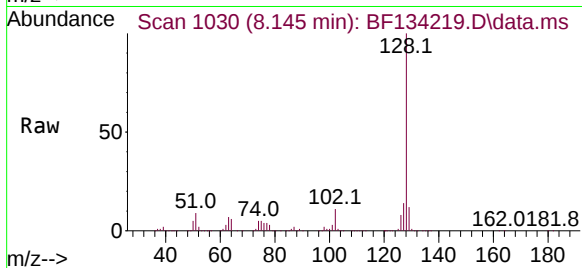
Tgt Ion:128 Resp: 744346

Ion Ratio Lower Upper

128 100

129 11.6 8.7 13.1

127 13.6 10.6 15.8



#32

Benzoic acid

Concen: 40.869 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.018 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

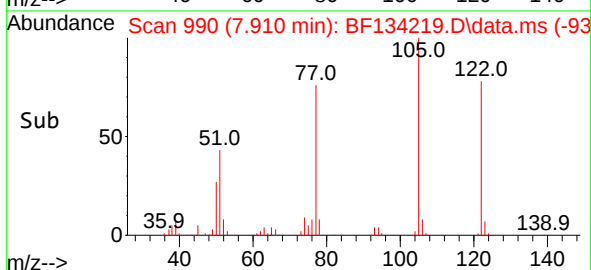
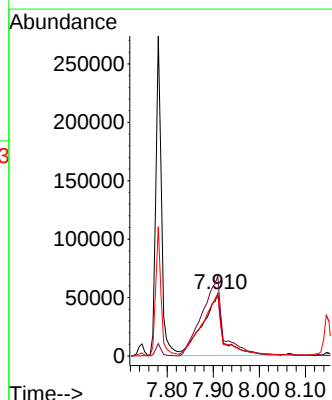
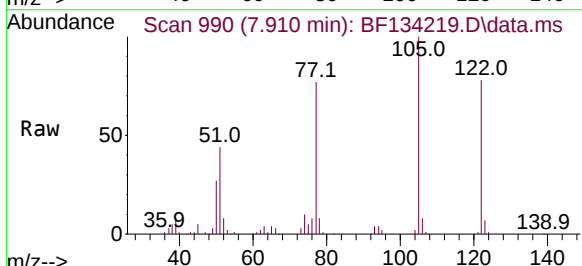
Tgt Ion:122 Resp: 166546

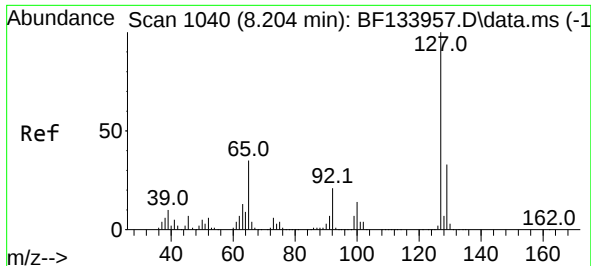
Ion Ratio Lower Upper

122 100

105 128.7 109.7 149.7

77 99.7 76.0 116.0

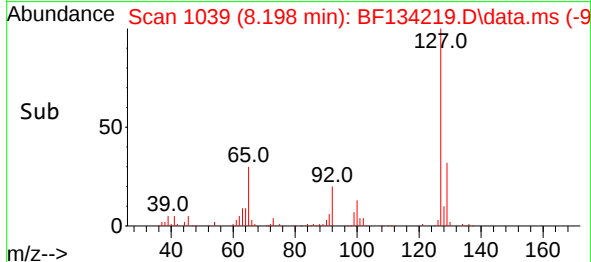
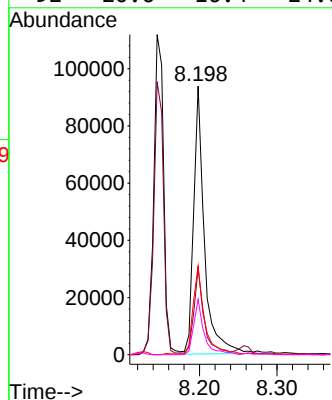
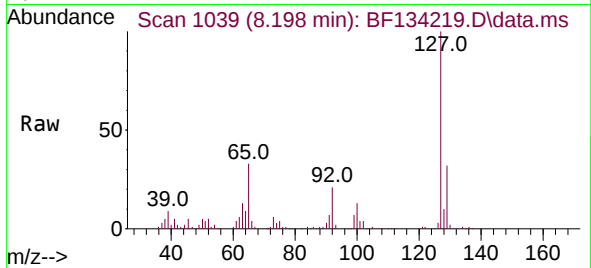




#33  
4-Chloroaniline  
Concen: 11.558 ng  
RT: 8.198 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

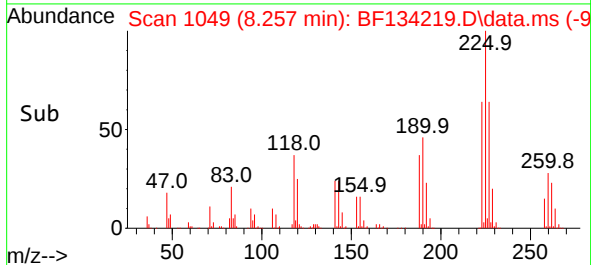
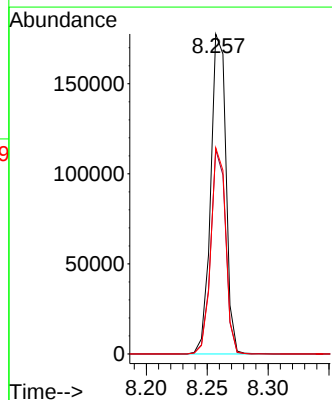
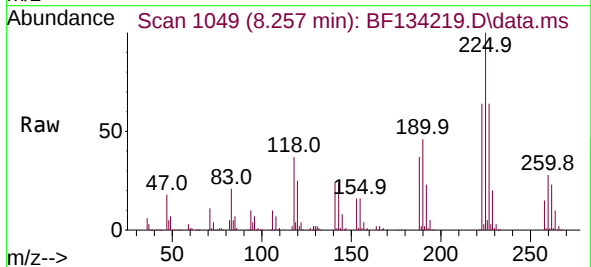
Instrument :  
BNA\_F  
ClientSampleId :

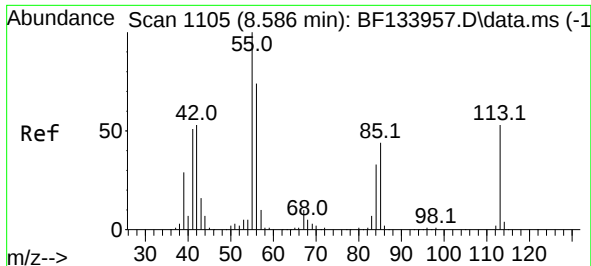
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 91238 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.1  | 26.4  | 39.6  |
| 65        | 33.0  | 27.8  | 41.8  |
| 92        | 20.6  | 16.4  | 24.6  |



#34  
Hexachlorobutadiene  
Concen: 44.090 ng  
RT: 8.257 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 154760 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.8  | 49.8  | 74.8   |
| 227       | 64.4  | 51.0  | 76.4   |

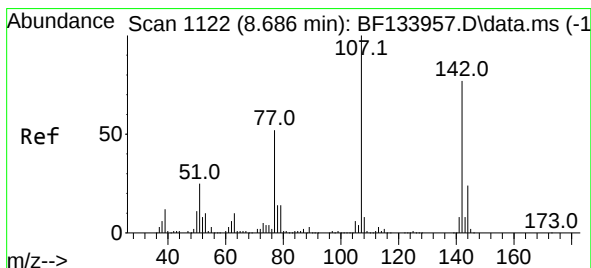
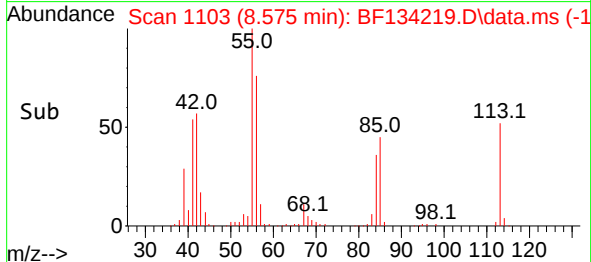
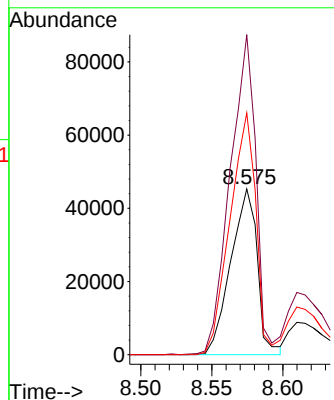
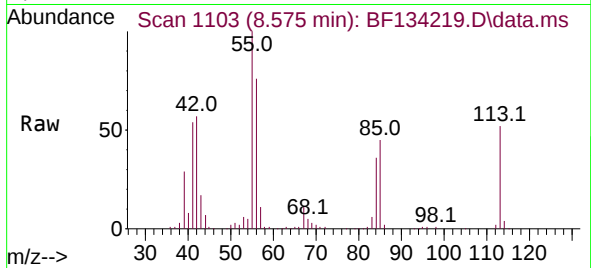




#35  
 Caprolactam  
 Concen: 33.199 ng  
 RT: 8.575 min Scan# 1103  
 Delta R.T. -0.000 min  
 Lab File: BF134219.D  
 Acq: 11 Jul 2023 18:32

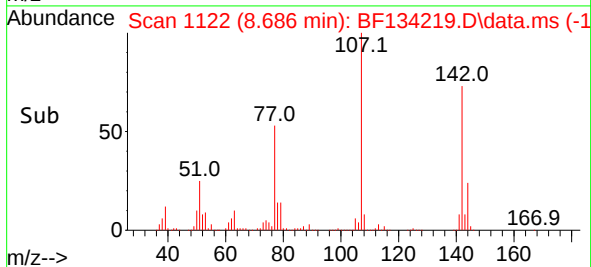
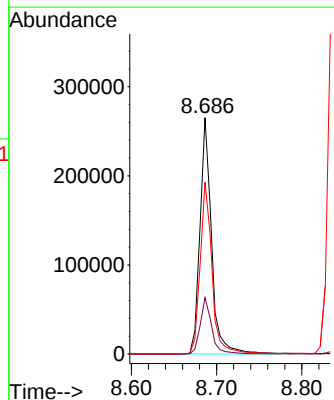
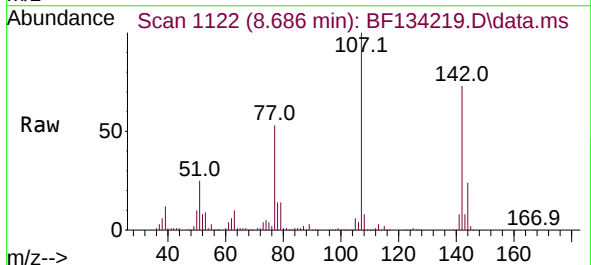
Instrument :  
 BNA\_F  
 ClientSampleId :

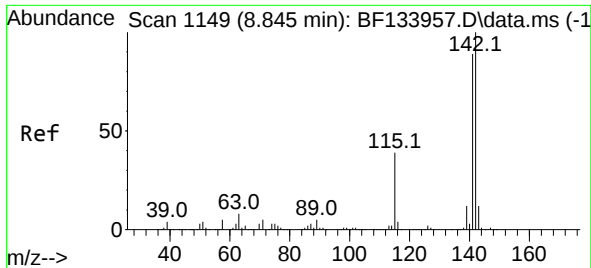
Tgt Ion:113 Resp: 58949  
 Ion Ratio Lower Upper  
 113 100  
 55 193.1 170.2 210.2  
 56 145.9 121.4 161.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.519 ng  
 RT: 8.686 min Scan# 1122  
 Delta R.T. 0.006 min  
 Lab File: BF134219.D  
 Acq: 11 Jul 2023 18:32

Tgt Ion:107 Resp: 251527  
 Ion Ratio Lower Upper  
 107 100  
 144 23.8 19.6 29.4  
 142 72.7 61.4 92.2

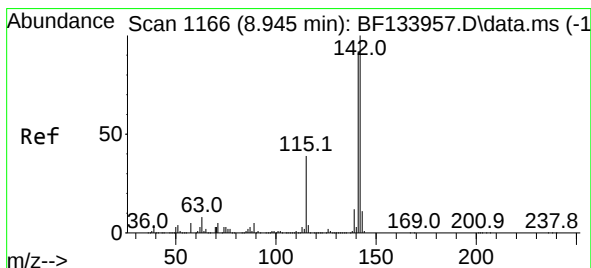
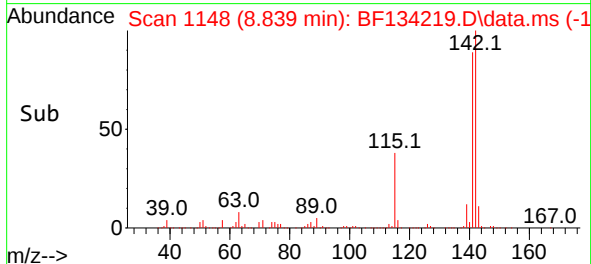
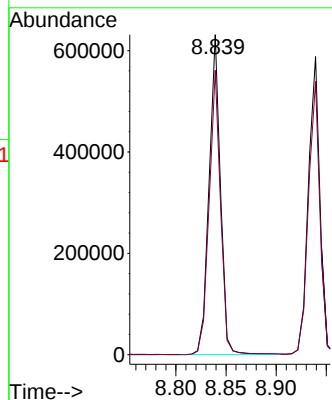
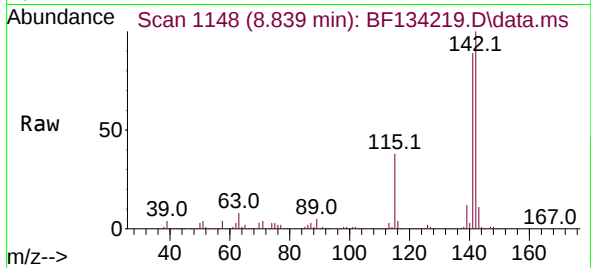




#37  
2-Methylnaphthalene  
Concen: 38.412 ng  
RT: 8.839 min Scan# 1148  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

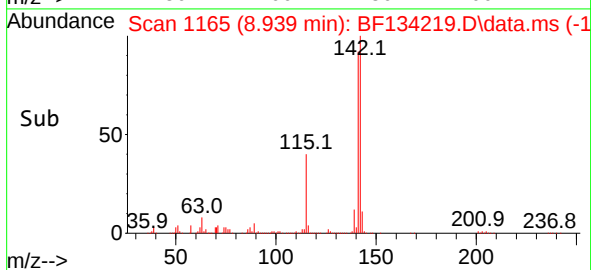
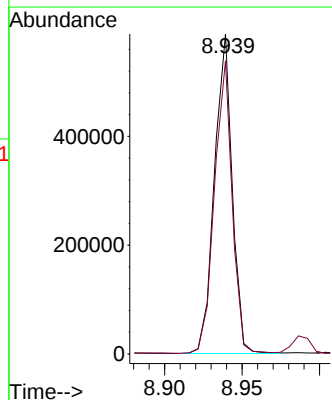
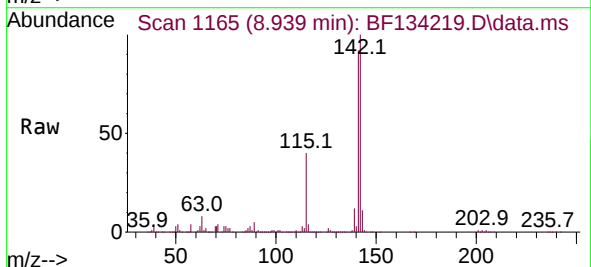
Instrument :  
BNA\_F  
ClientSampleId :

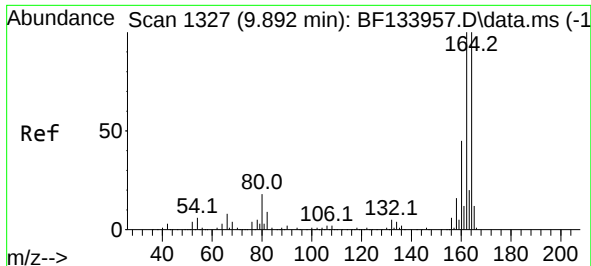
Tgt Ion:142 Resp: 501260  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.0 106.4



#38  
1-Methylnaphthalene  
Concen: 38.541 ng  
RT: 8.939 min Scan# 1165  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Tgt Ion:142 Resp: 467560  
Ion Ratio Lower Upper  
142 100  
141 91.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA\_F

ClientSampleId :

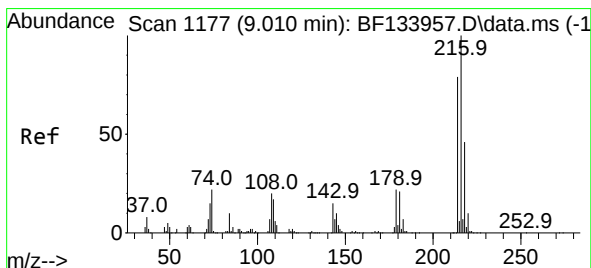
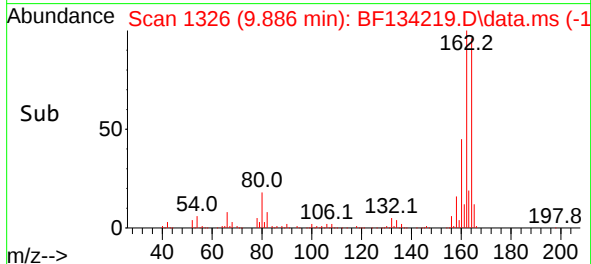
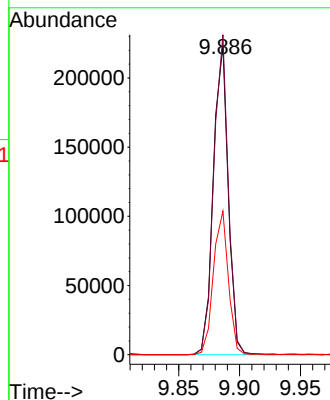
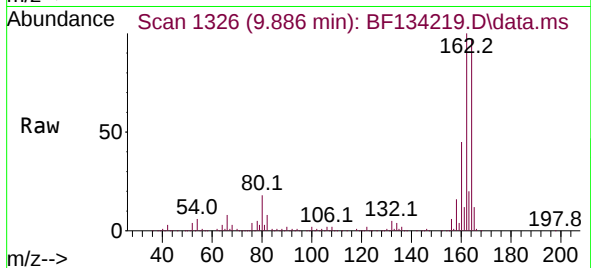
Tgt Ion:164 Resp: 190313

Ion Ratio Lower Upper

164 100

162 103.5 80.0 120.0

160 46.4 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.720 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Tgt Ion:216 Resp: 246508

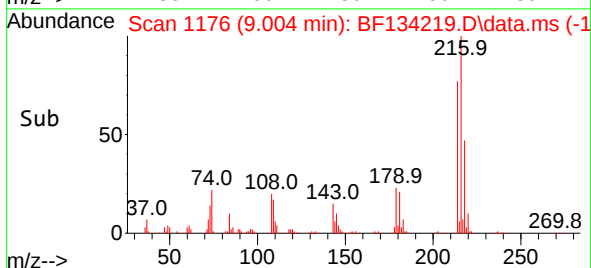
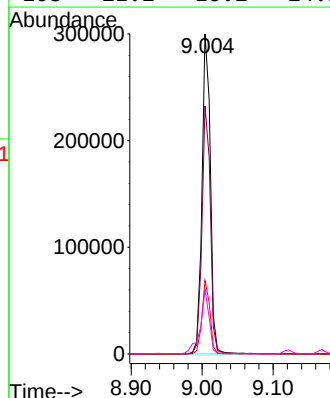
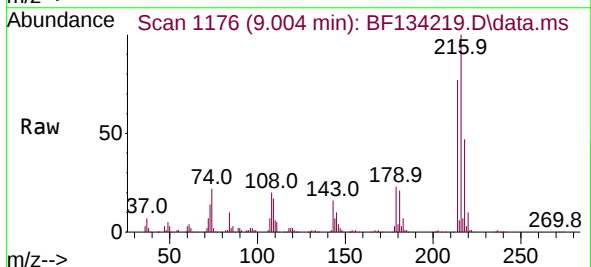
Ion Ratio Lower Upper

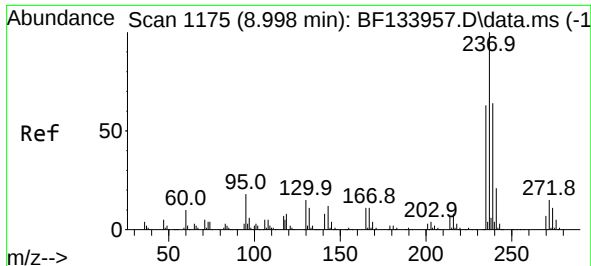
216 100

214 77.8 64.1 96.1

179 21.9 17.3 25.9

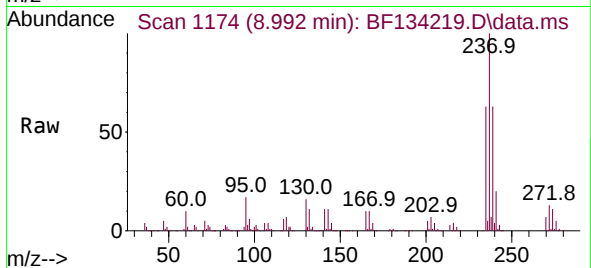
108 21.2 16.2 24.2



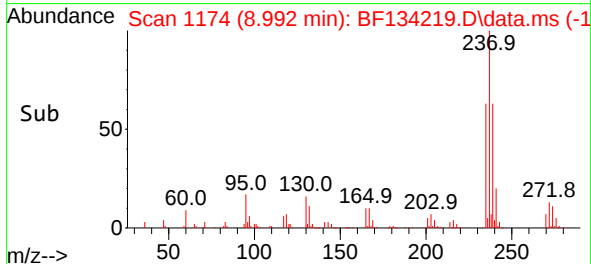
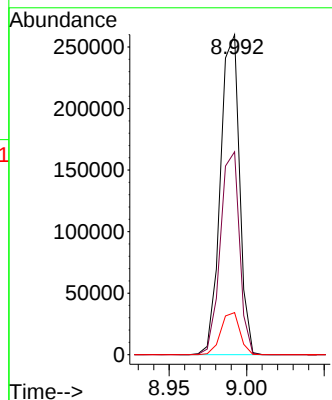


#41  
Hexachlorocyclopentadiene  
Concen: 83.481 ng  
RT: 8.992 min Scan# 1174  
Delta R.T. 0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Instrument :  
BNA\_F  
ClientSampleId :

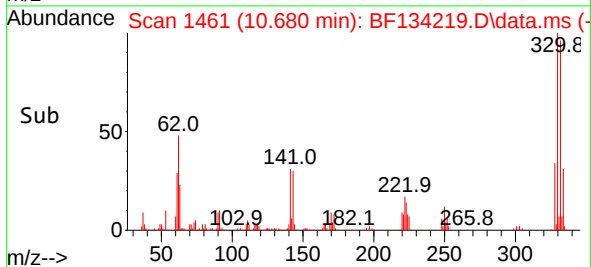
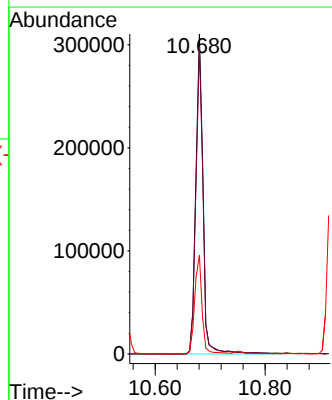
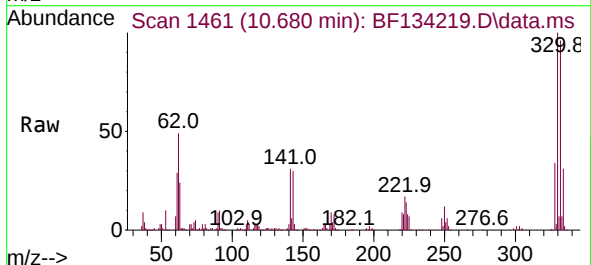


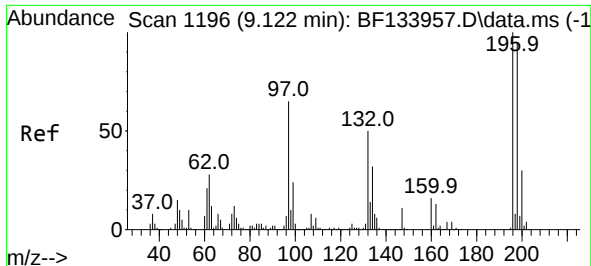
Tgt Ion:237 Resp: 223305  
Ion Ratio Lower Upper  
237 100  
235 63.4 42.8 82.8  
272 13.2 0.0 34.6



#42  
2,4,6-Tribromophenol  
Concen: 118.076 ng  
RT: 10.680 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Tgt Ion:330 Resp: 281747  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.0 115.6  
141 31.1 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 40.656 ng

RT: 9.122 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA\_F

ClientSampleId :

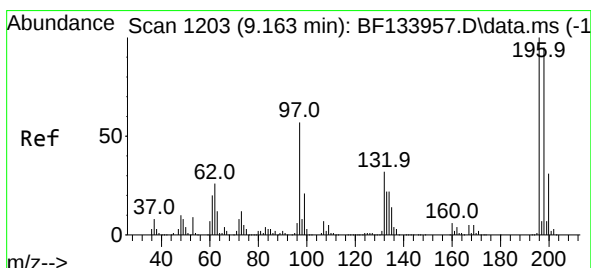
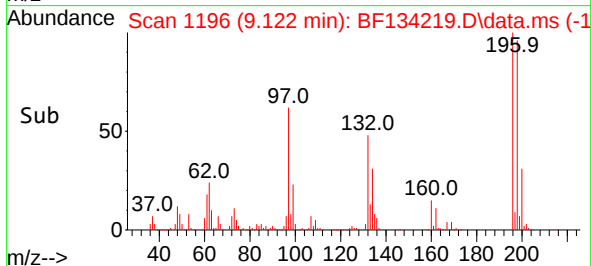
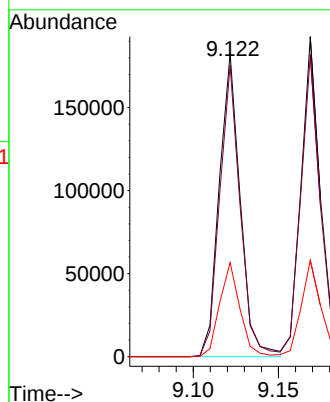
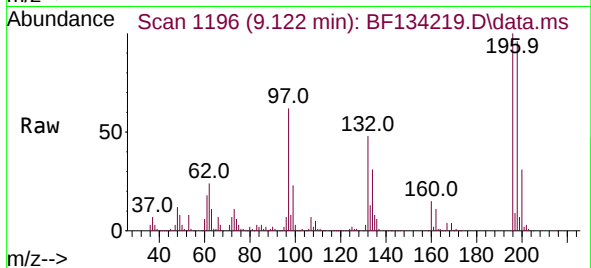
Tgt Ion:196 Resp: 156047

Ion Ratio Lower Upper

196 100

198 96.1 75.6 113.4

200 31.0 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 37.756 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Tgt Ion:196 Resp: 170462

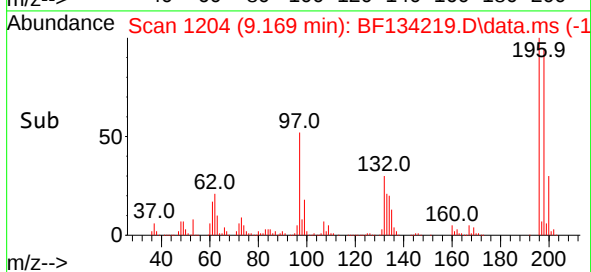
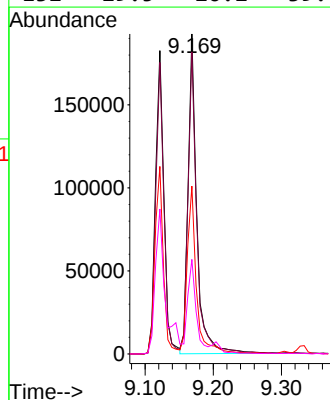
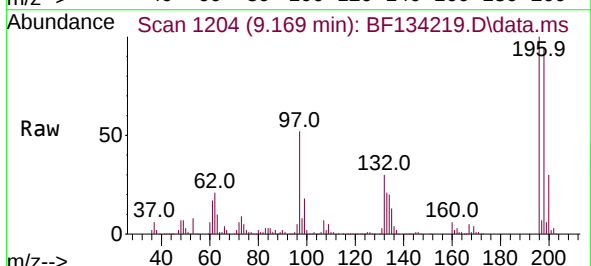
Ion Ratio Lower Upper

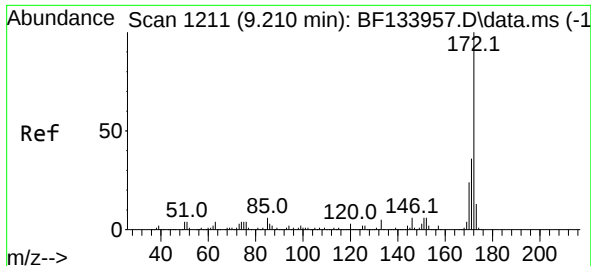
196 100

198 94.4 75.7 113.5

97 52.5 45.8 68.6

132 29.5 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 78.106 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA\_F

ClientSampleId :

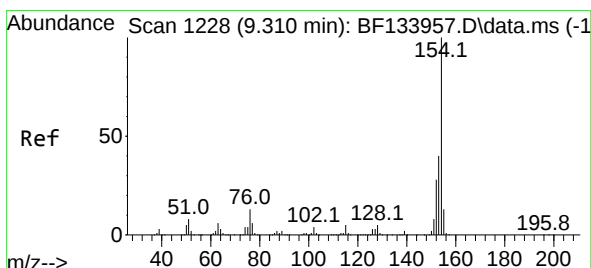
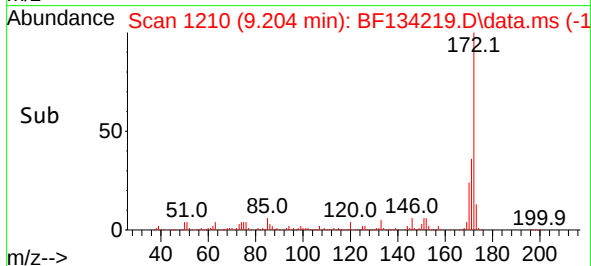
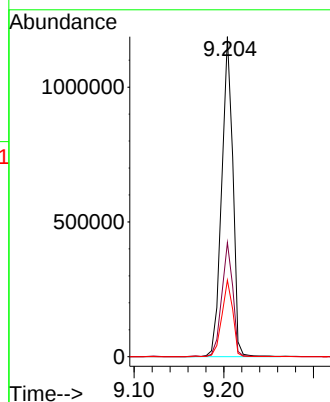
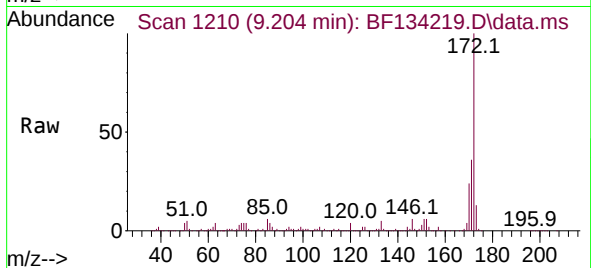
Tgt Ion:172 Resp: 1022405

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.9 19.4 29.0



#46

1,1'-Biphenyl

Concen: 41.904 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

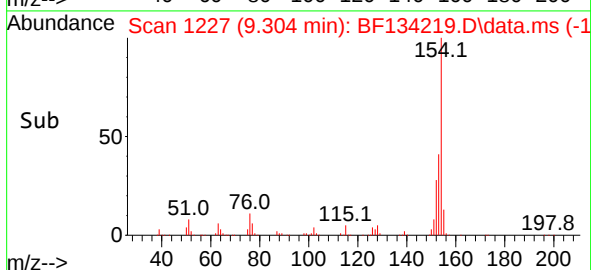
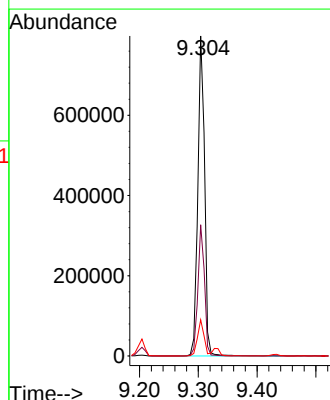
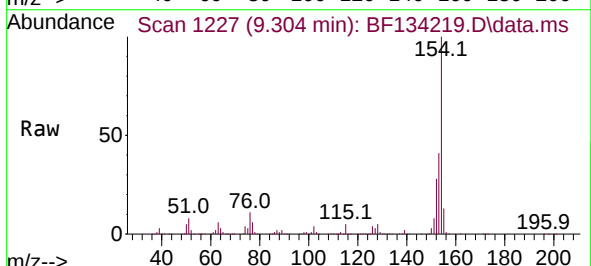
Tgt Ion:154 Resp: 639722

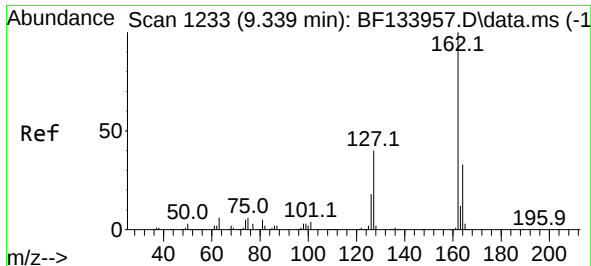
Ion Ratio Lower Upper

154 100

153 41.0 19.8 59.8

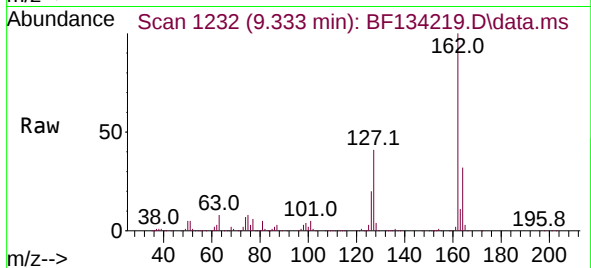
76 11.3 0.0 32.9



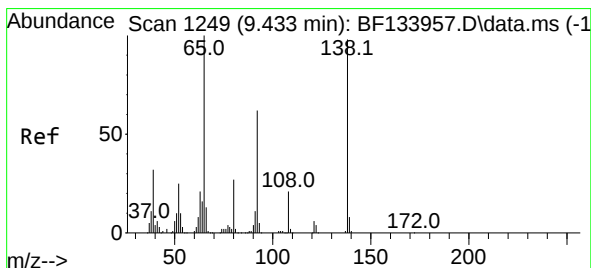
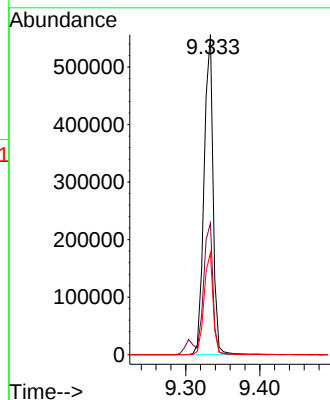
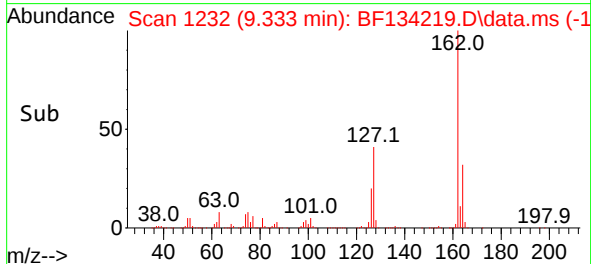


#47  
2-Chloronaphthalene  
Concen: 42.280 ng  
RT: 9.333 min Scan# 1233  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Instrument :  
BNA\_F  
ClientSampleId :

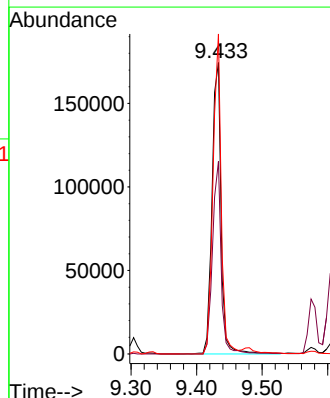
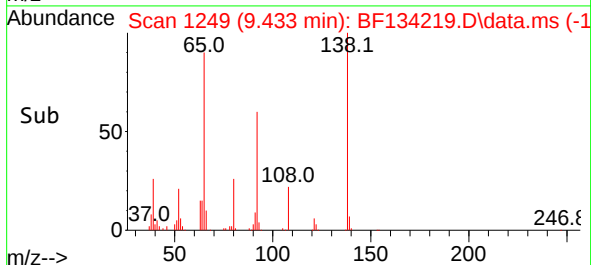
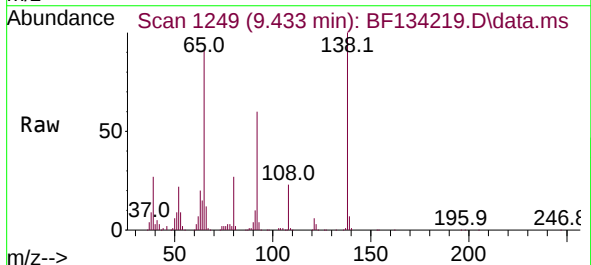


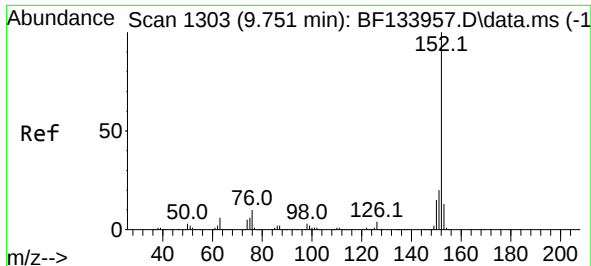
Tgt Ion:162 Resp: 472252  
Ion Ratio Lower Upper  
162 100  
127 41.1 32.9 49.3  
164 31.8 26.1 39.1



#48  
2-Nitroaniline  
Concen: 41.353 ng  
RT: 9.433 min Scan# 1249  
Delta R.T. 0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Tgt Ion: 65 Resp: 168338  
Ion Ratio Lower Upper  
65 100  
92 66.1 49.5 74.3  
138 109.8 78.0 117.0





#49

Acenaphthylene

Concen: 40.045 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA\_F

ClientSampleId :

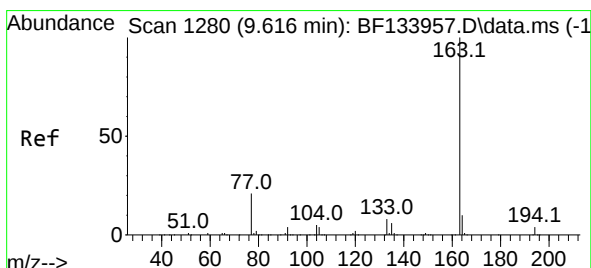
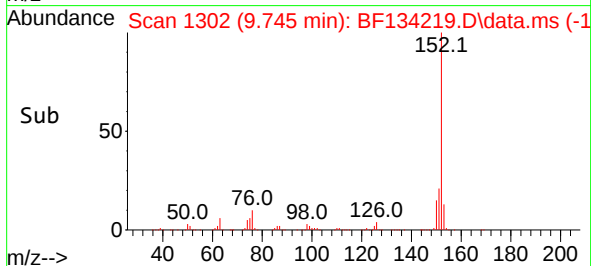
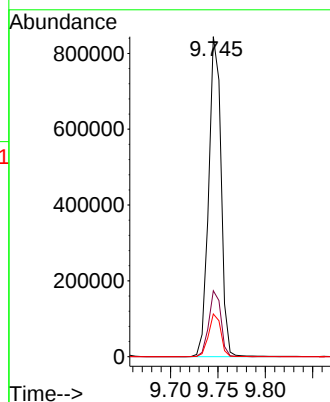
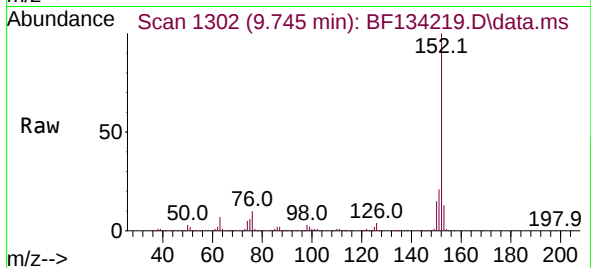
Tgt Ion:152 Resp: 764085

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 39.655 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

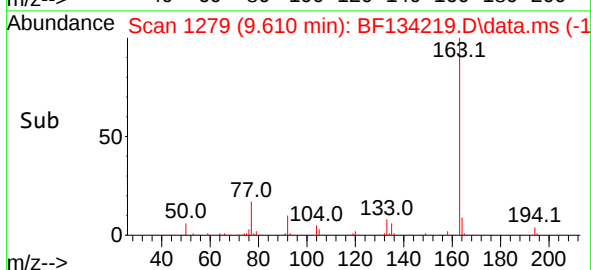
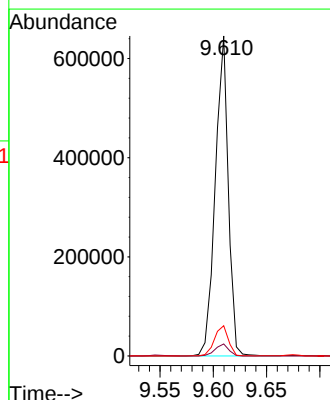
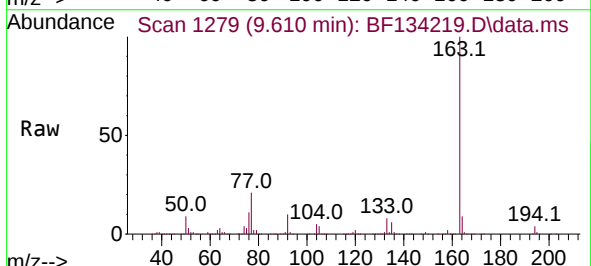
Tgt Ion:163 Resp: 547823

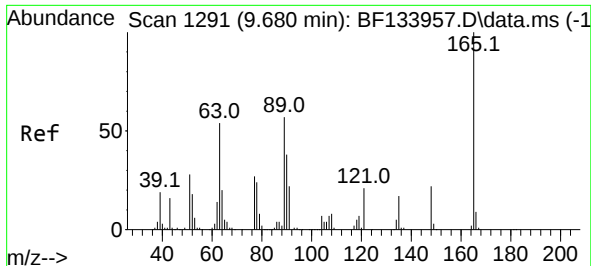
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

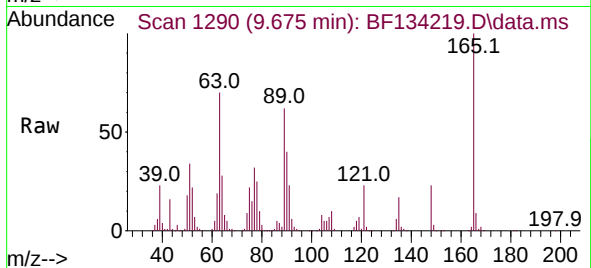
164 9.5 8.2 12.2



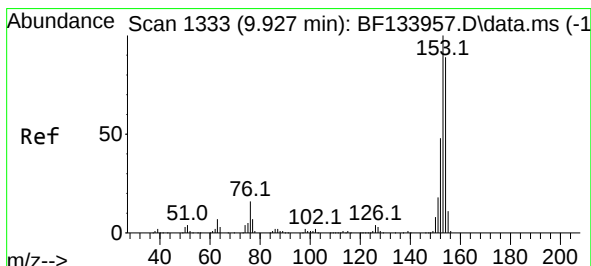
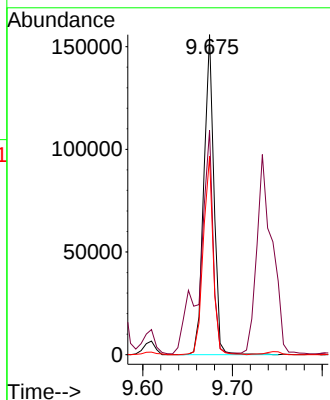
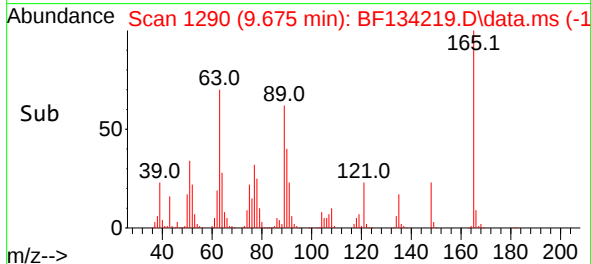


#51  
2,6-Dinitrotoluene  
Concen: 40.795 ng  
RT: 9.675 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

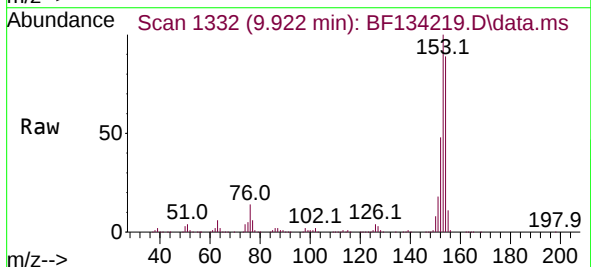
Instrument :  
BNA\_F  
ClientSampleId :



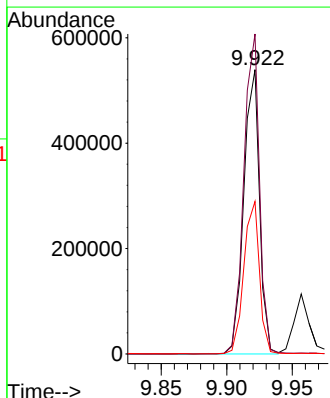
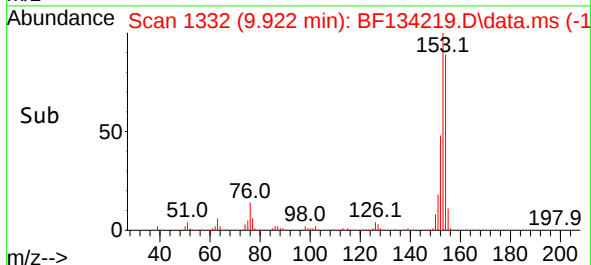
Tgt Ion:165 Resp: 121384  
Ion Ratio Lower Upper  
165 100  
63 70.1 48.5 72.7  
89 62.0 45.5 68.3

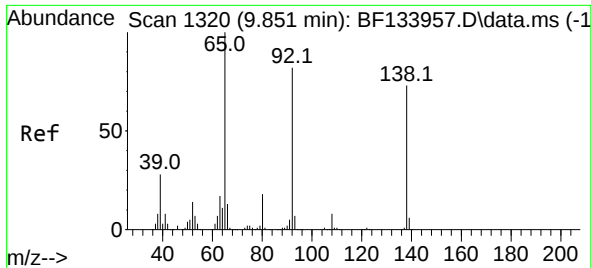


#52  
Acenaphthene  
Concen: 40.778 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32



Tgt Ion:154 Resp: 451484  
Ion Ratio Lower Upper  
154 100  
153 112.6 89.4 134.2  
152 53.6 42.8 64.2

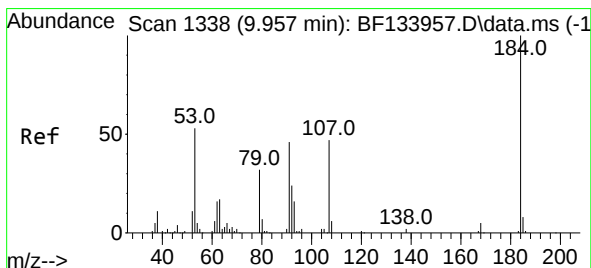
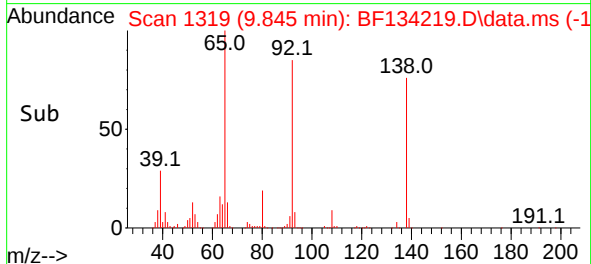
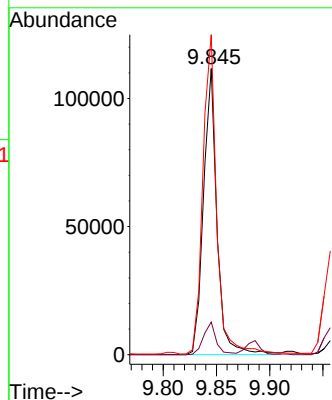
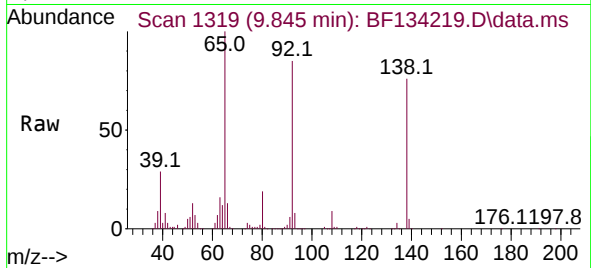




#53  
3-Nitroaniline  
Concen: 27.682 ng  
RT: 9.845 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

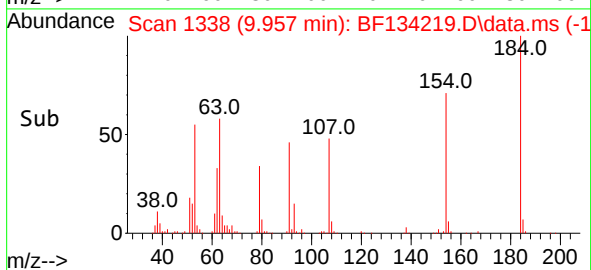
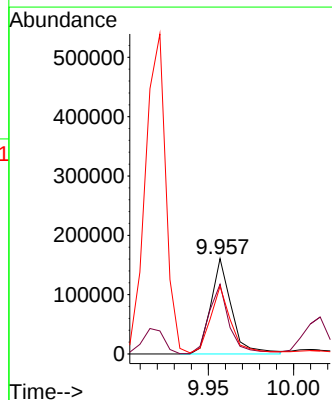
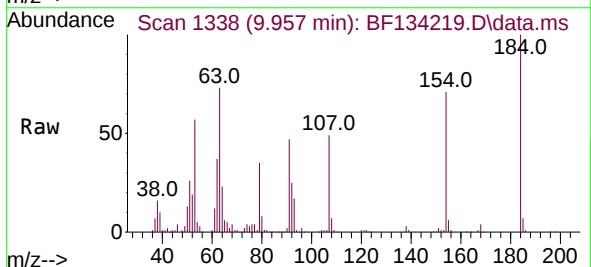
Instrument :  
BNA\_F  
ClientSampleId :

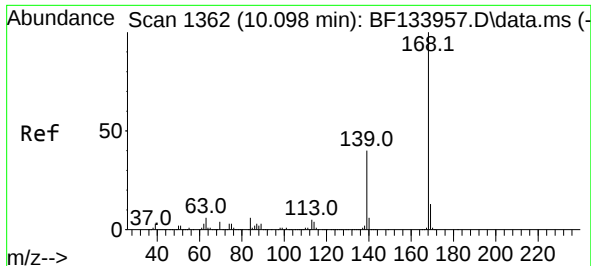
Tgt Ion:138 Resp: 98813  
Ion Ratio Lower Upper  
138 100  
108 11.4 8.4 12.6  
92 111.8 90.1 135.1



#54  
2,4-Dinitrophenol  
Concen: 78.675 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Tgt Ion:184 Resp: 135077  
Ion Ratio Lower Upper  
184 100  
63 73.1 56.9 85.3  
154 70.9 55.4 83.0

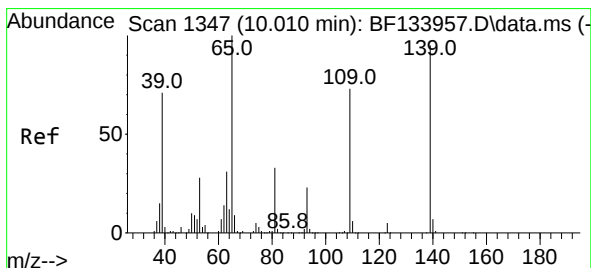
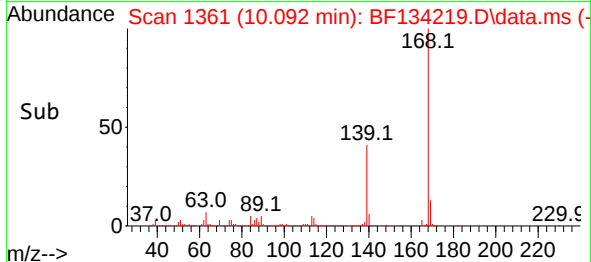
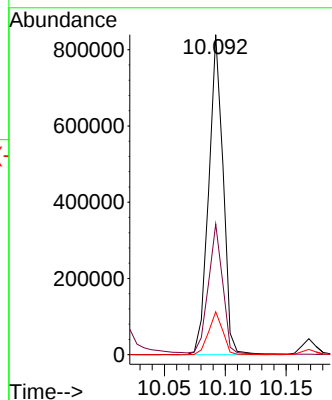
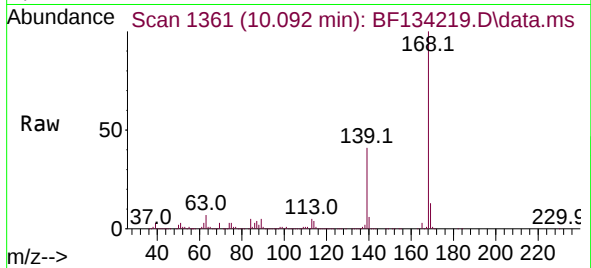




#55  
Dibenzenofuran  
Concen: 39.667 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

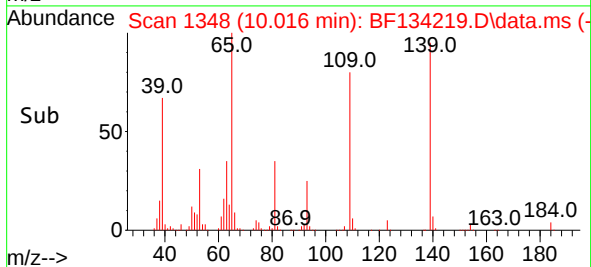
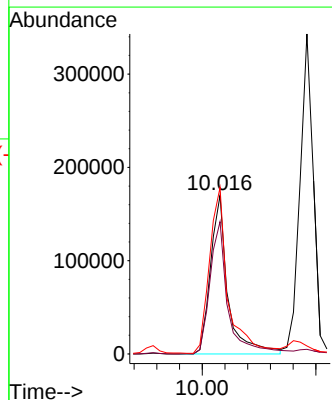
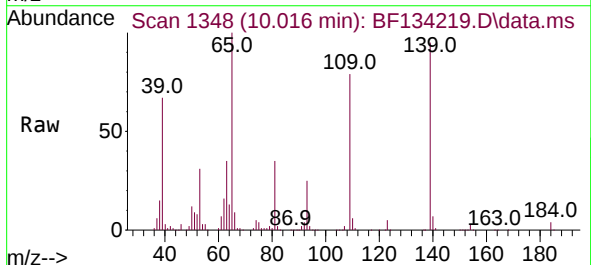
Instrument :  
BNA\_F  
ClientSampleId :

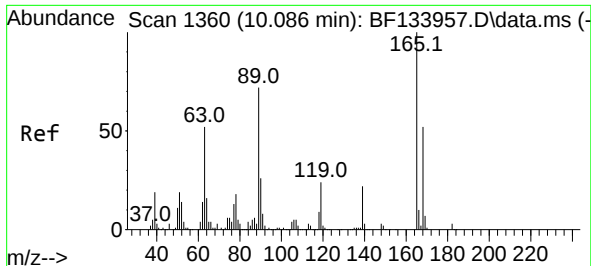
Tgt Ion:168 Resp: 686362  
Ion Ratio Lower Upper  
168 100  
139 40.9 32.0 48.0  
169 13.4 10.6 16.0



#56  
4-Nitrophenol  
Concen: 72.477 ng  
RT: 10.016 min Scan# 1348  
Delta R.T. 0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

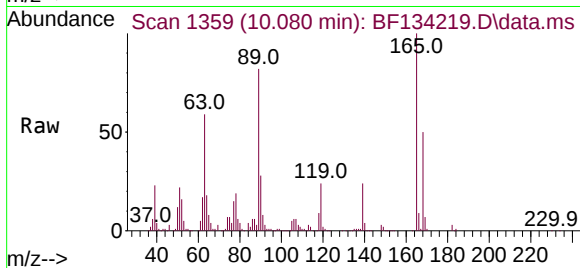
Tgt Ion:139 Resp: 180968  
Ion Ratio Lower Upper  
139 100  
109 83.4 56.8 96.8  
65 105.0 86.1 126.1



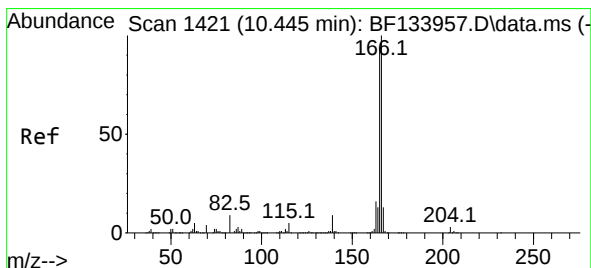
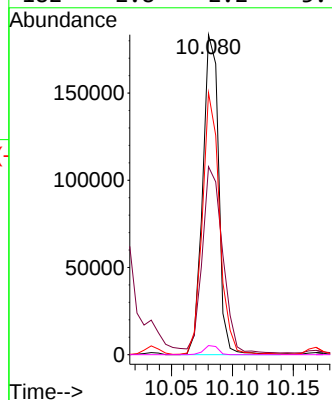
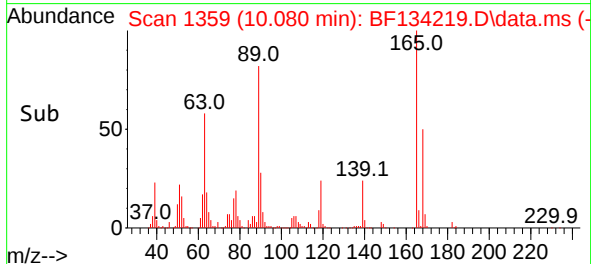


#57  
2,4-Dinitrotoluene  
Concen: 42.397 ng  
RT: 10.080 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

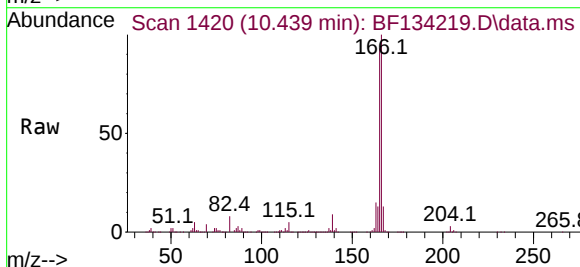
Instrument :  
BNA\_F  
ClientSampleId :



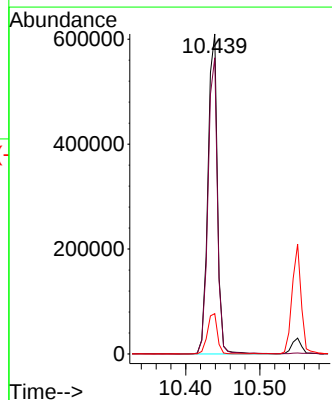
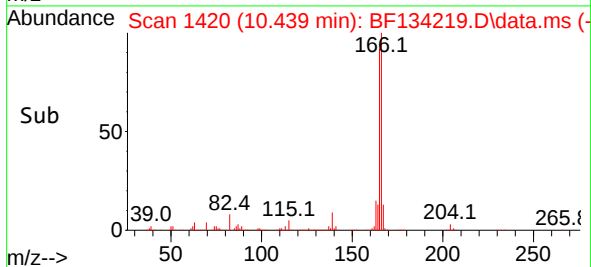
Tgt Ion:165 Resp: 166599  
Ion Ratio Lower Upper  
165 100  
63 58.8 42.2 63.2  
89 81.8 57.4 86.2  
182 2.8 2.2 3.4

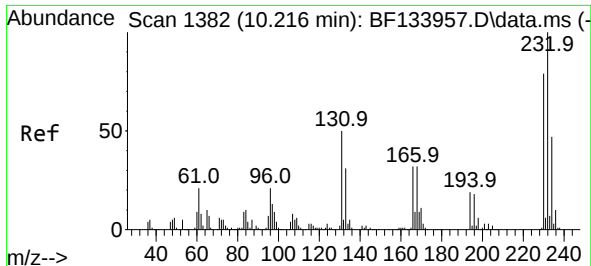


#58  
Fluorene  
Concen: 40.498 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32



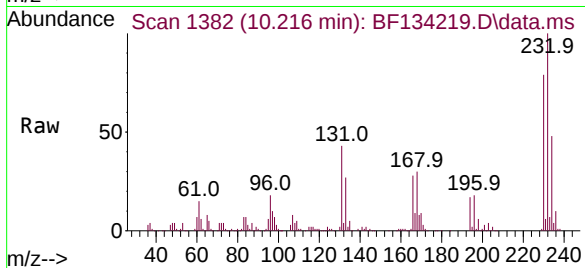
Tgt Ion:166 Resp: 545169  
Ion Ratio Lower Upper  
166 100  
165 92.5 75.0 112.4  
167 12.6 10.6 15.8



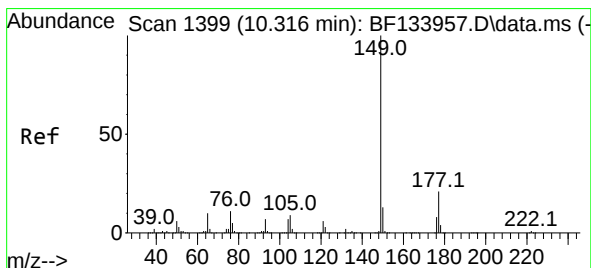
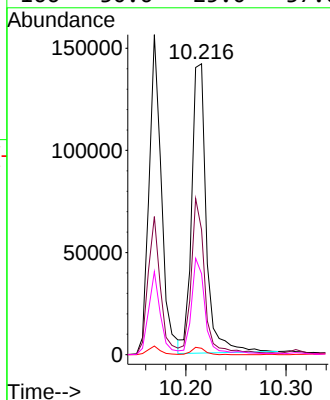
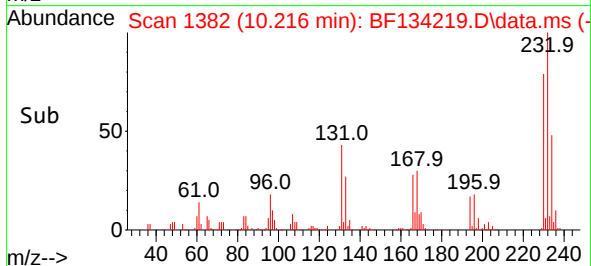


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.631 ng  
RT: 10.216 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

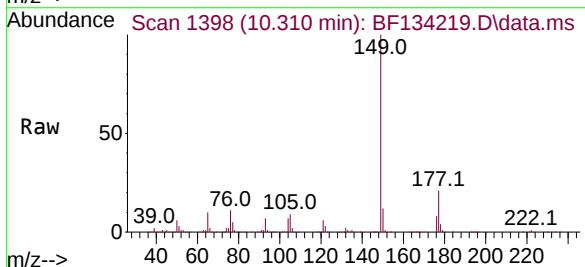
Instrument :  
BNA\_F  
ClientSampleId :



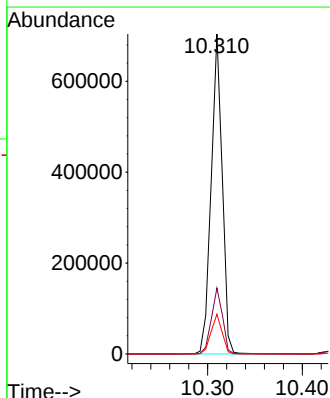
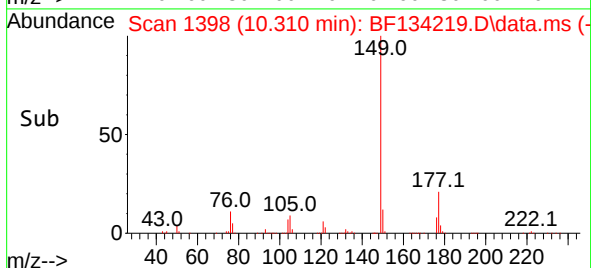
Tgt Ion:232 Resp: 144698  
Ion Ratio Lower Upper  
232 100  
131 48.9 39.3 58.9  
130 2.4 1.8 2.6  
166 30.6 25.0 37.6

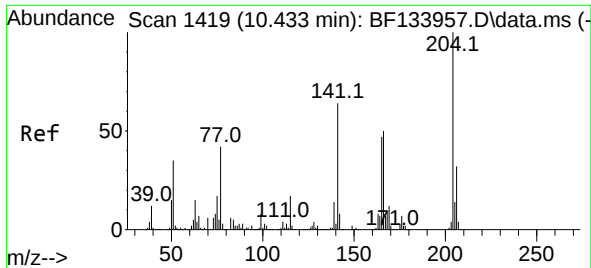


#60  
Diethylphthalate  
Concen: 39.523 ng  
RT: 10.310 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32



Tgt Ion:149 Resp: 568857  
Ion Ratio Lower Upper  
149 100  
177 20.6 17.0 25.6  
150 12.4 10.2 15.2

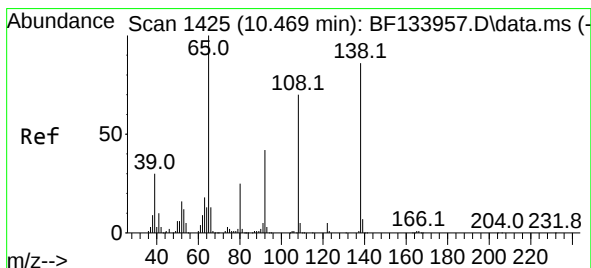
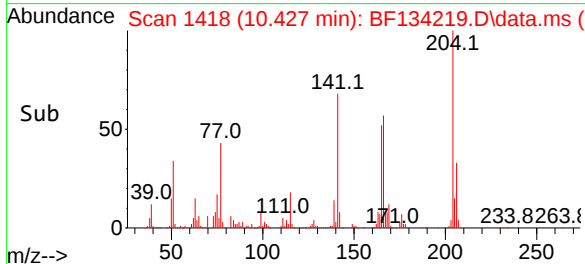
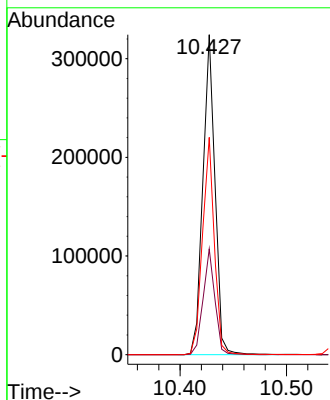
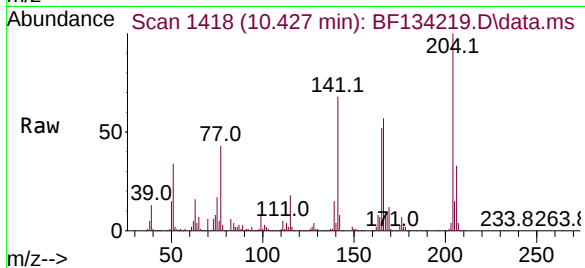




#61  
4-Chlorophenyl-phenylether  
Concen: 39.622 ng  
RT: 10.427 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

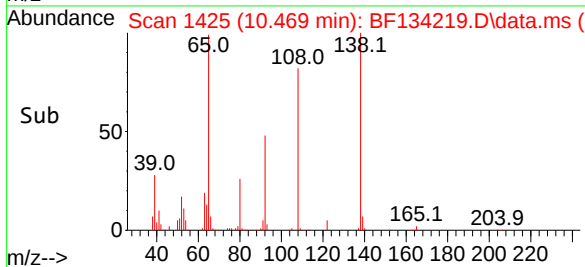
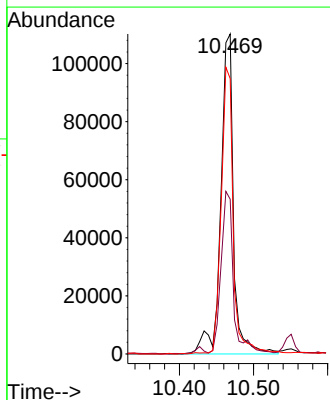
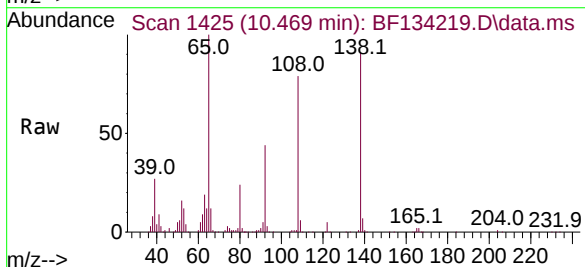
Instrument :  
BNA\_F  
ClientSampleId :

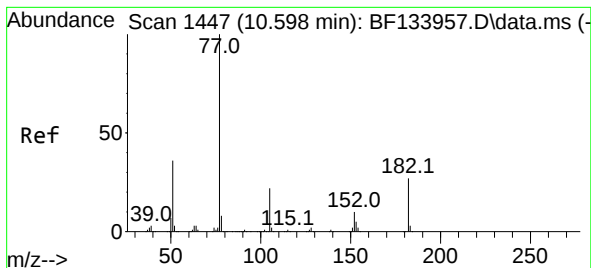
Tgt Ion:204 Resp: 257047  
Ion Ratio Lower Upper  
204 100  
206 33.1 25.8 38.6  
141 67.9 51.5 77.3



#62  
4-Nitroaniline  
Concen: 36.590 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. 0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Tgt Ion:138 Resp: 131630  
Ion Ratio Lower Upper  
138 100  
92 48.4 29.7 69.7  
108 86.1 62.1 102.1





#63

Azobenzene

Concen: 38.991 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion: 77 Resp: 530842

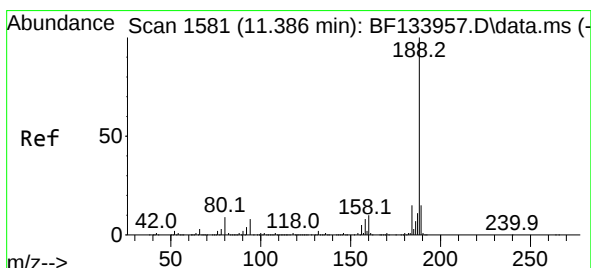
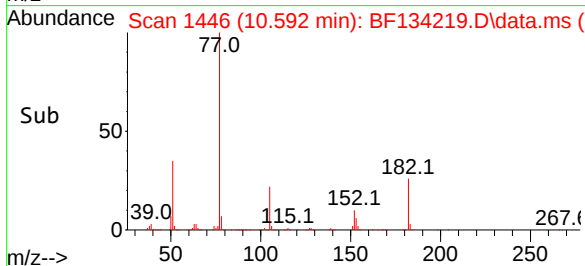
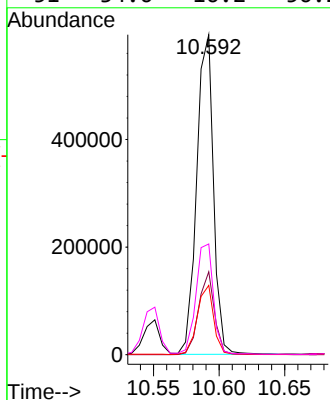
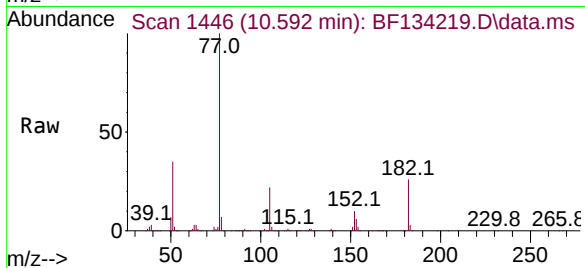
Ion Ratio Lower Upper

77 100

182 25.9 6.8 46.8

105 21.6 2.3 42.3

51 34.6 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

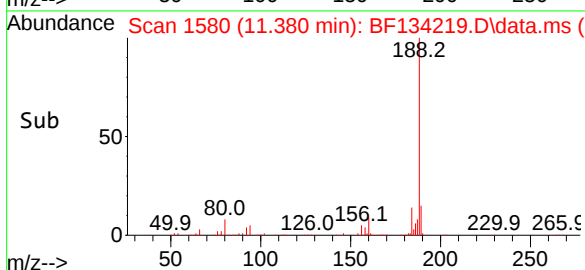
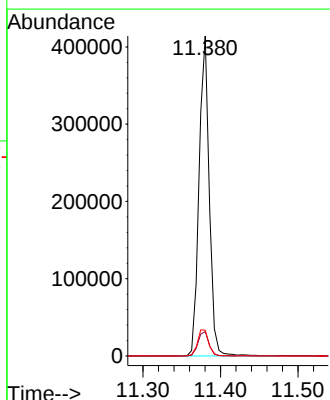
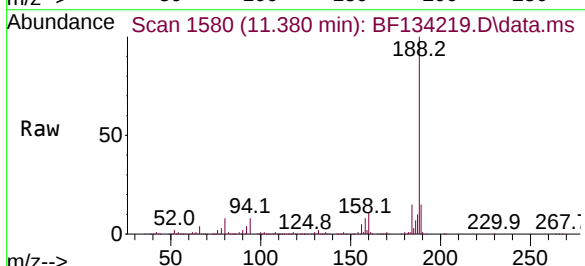
Tgt Ion: 188 Resp: 377919

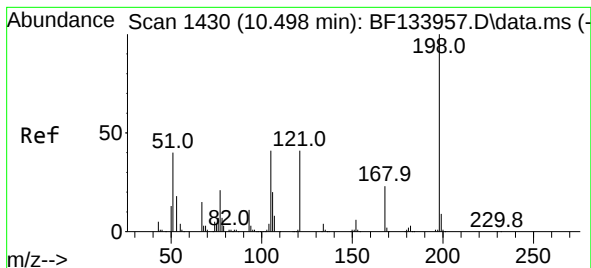
Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.0 7.3 10.9

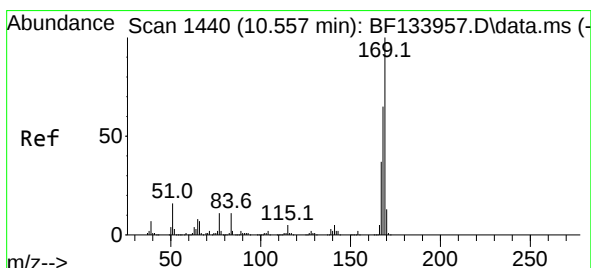
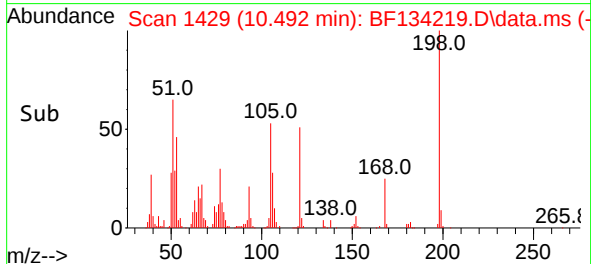
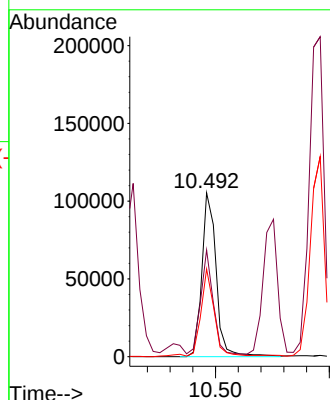
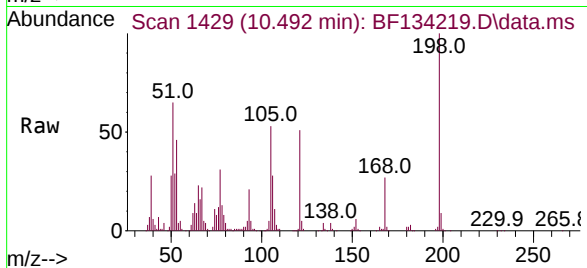




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.983 ng  
RT: 10.492 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

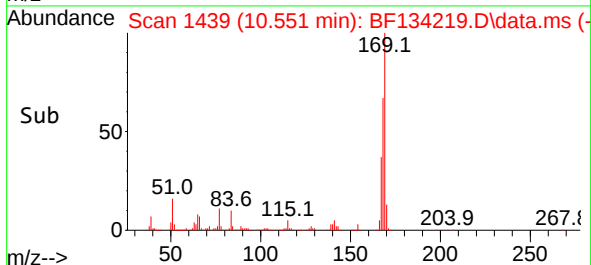
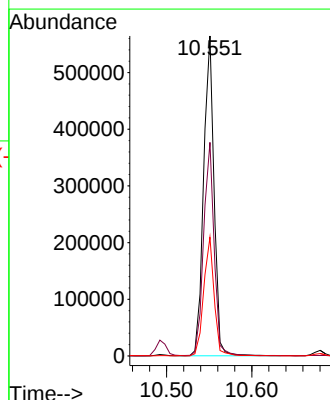
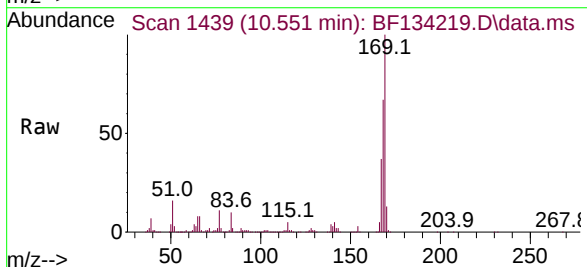
Instrument :  
BNA\_F  
ClientSampleId :

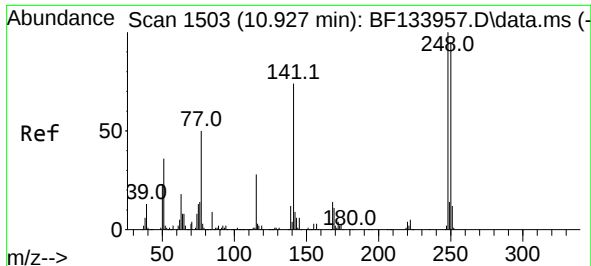
Tgt Ion:198 Resp: 92683  
Ion Ratio Lower Upper  
198 100  
51 65.1 29.3 69.3  
105 53.5 22.4 62.4



#66  
n-Nitrosodiphenylamine  
Concen: 39.783 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Tgt Ion:169 Resp: 480363  
Ion Ratio Lower Upper  
169 100  
168 66.7 52.3 78.5  
167 37.1 29.4 44.0

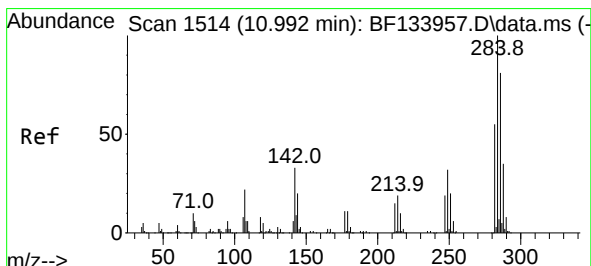
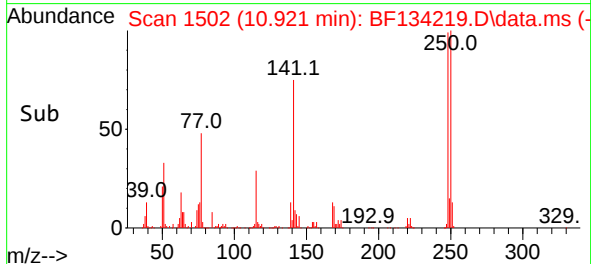
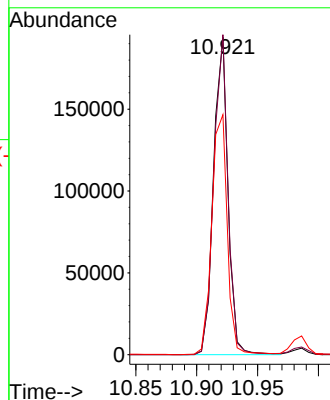
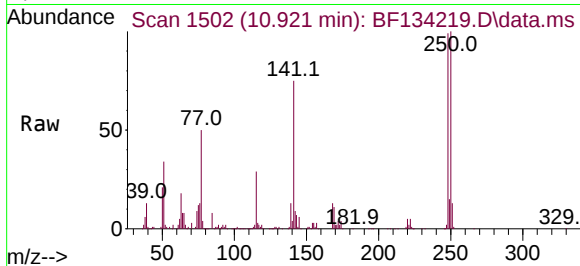




#67  
4-Bromophenyl-phenylether  
Concen: 39.651 ng  
RT: 10.921 min Scan# 1502  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

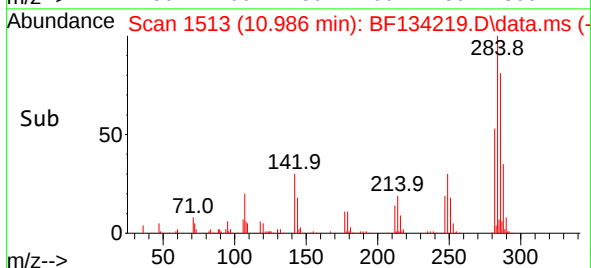
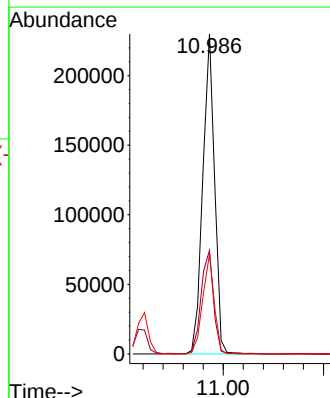
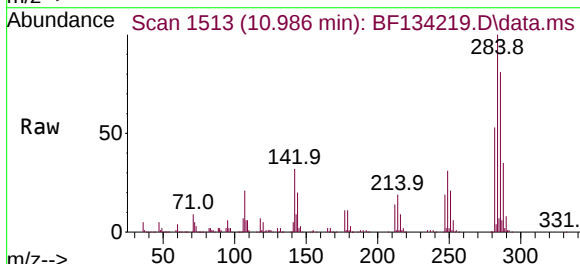
Instrument :  
BNA\_F  
ClientSampleId :

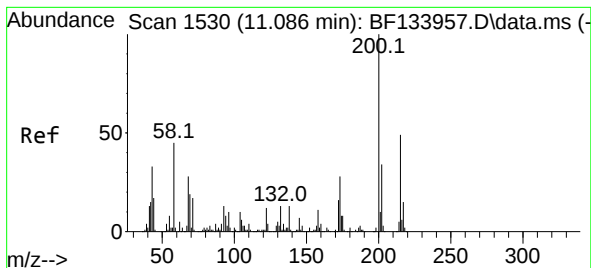
Tgt Ion:248 Resp: 159270  
Ion Ratio Lower Upper  
248 100  
250 100.8 76.2 114.4  
141 75.6 59.0 88.4



#68  
Hexachlorobenzene  
Concen: 44.227 ng  
RT: 10.986 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Tgt Ion:284 Resp: 188624  
Ion Ratio Lower Upper  
284 100  
142 32.3 26.6 40.0  
249 31.2 25.5 38.3





#69

Atrazine

Concen: 39.274 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA\_F

ClientSampleId :

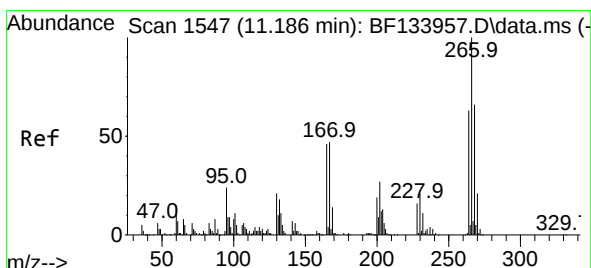
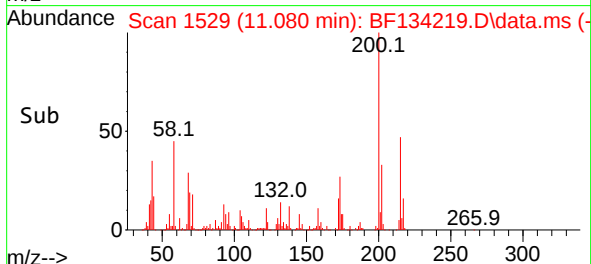
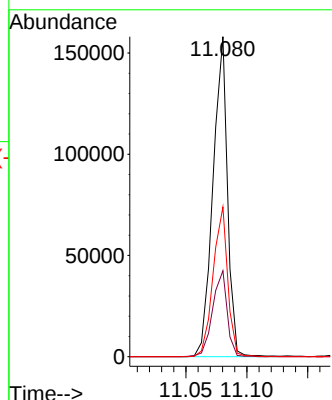
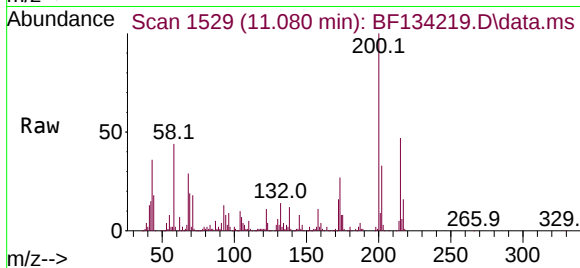
Tgt Ion:200 Resp: 131174

Ion Ratio Lower Upper

200 100

173 26.8 8.0 48.0

215 46.8 29.3 69.3



#70

Pentachlorophenol

Concen: 68.568 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

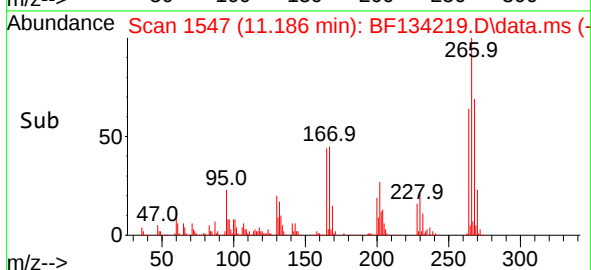
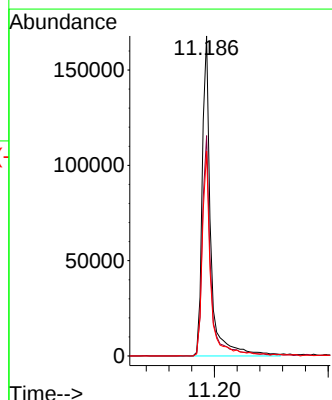
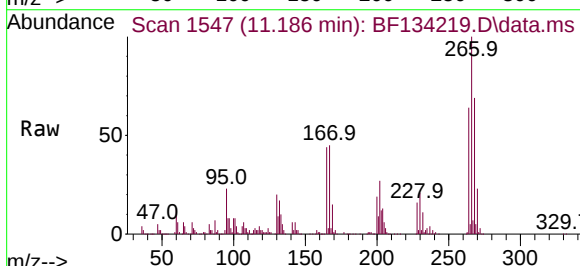
Tgt Ion:266 Resp: 174854

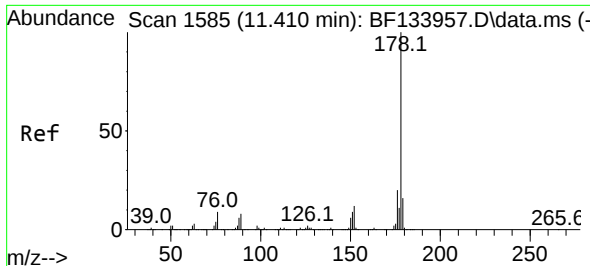
Ion Ratio Lower Upper

266 100

268 68.9 52.6 79.0

264 64.1 50.6 76.0

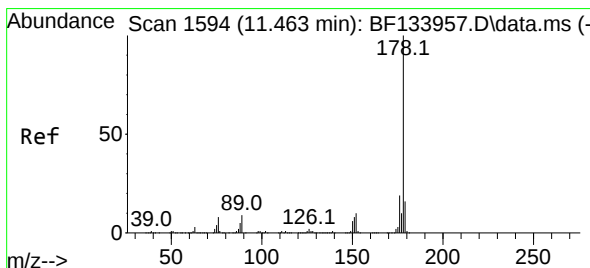
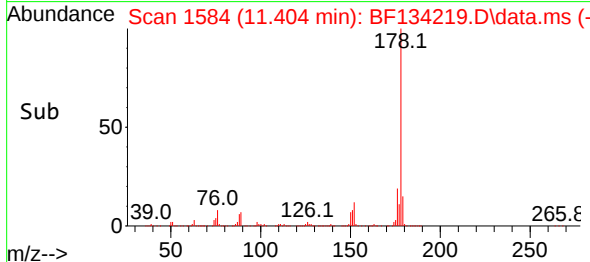
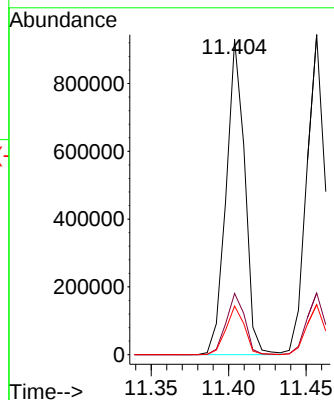
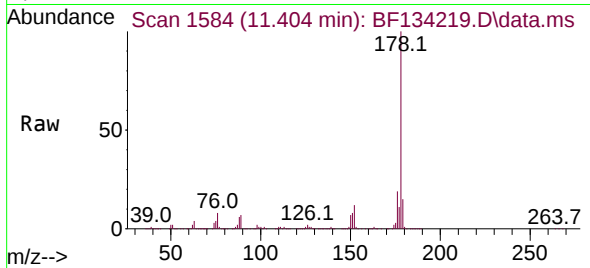




#71  
Phenanthrene  
Concen: 40.901 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

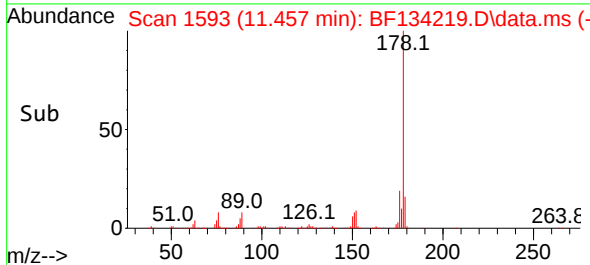
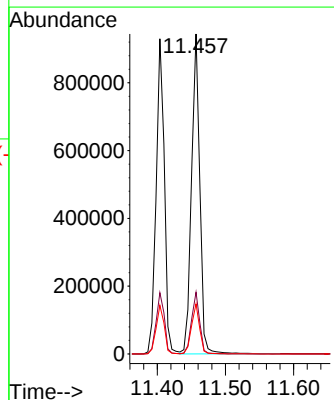
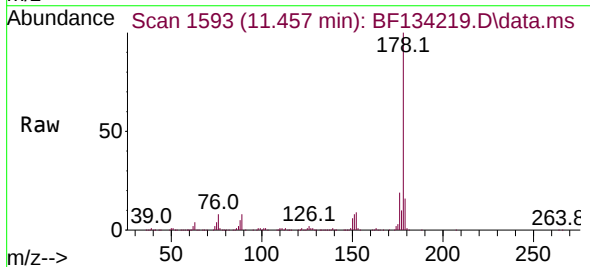
Instrument :  
BNA\_F  
ClientSampleId :

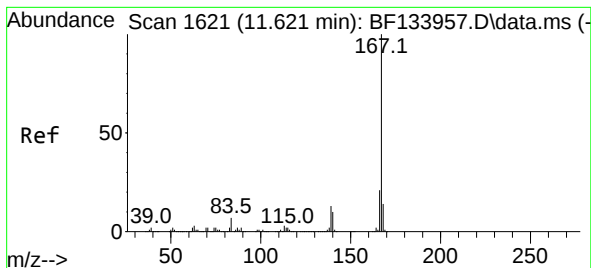
Tgt Ion:178 Resp: 778151  
Ion Ratio Lower Upper  
178 100  
176 19.4 16.0 24.0  
179 15.4 12.4 18.6



#72  
Anthracene  
Concen: 40.170 ng  
RT: 11.457 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Tgt Ion:178 Resp: 794885  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.3 22.9  
179 15.7 12.4 18.6





#73

Carbazole

Concen: 41.482 ng

RT: 11.616 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA\_F

ClientSampleId :

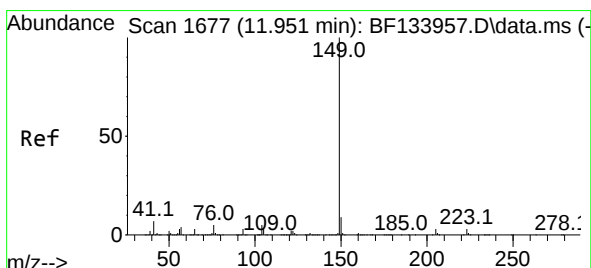
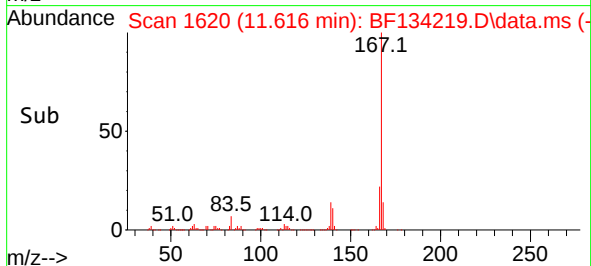
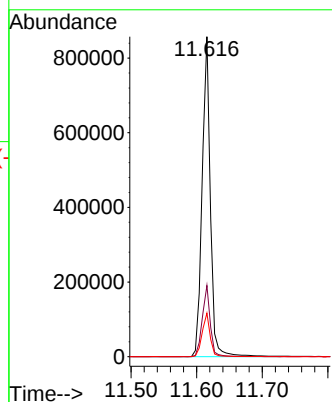
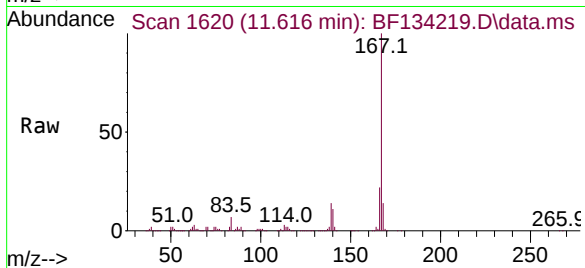
Tgt Ion:167 Resp: 751339

Ion Ratio Lower Upper

167 100

166 22.2 17.0 25.6

139 13.6 10.4 15.6



#74

Di-n-butylphthalate

Concen: 40.247 ng

RT: 11.945 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

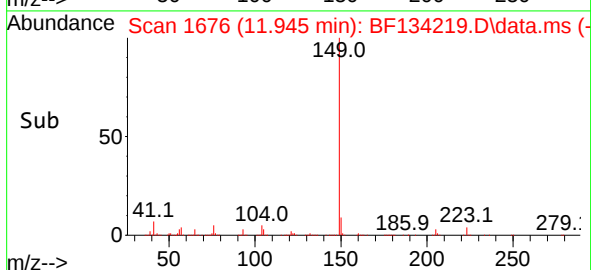
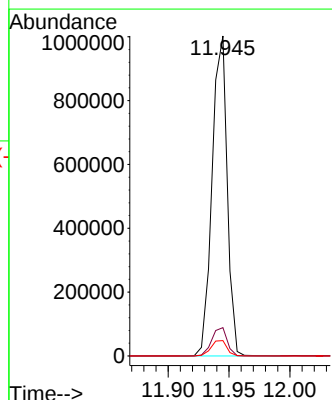
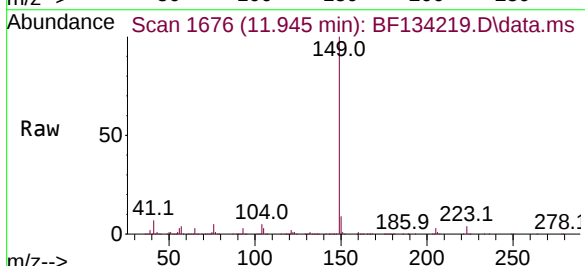
Tgt Ion:149 Resp: 866876

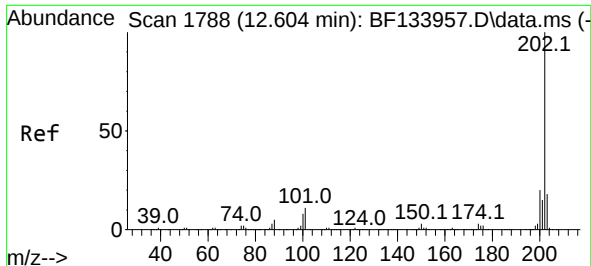
Ion Ratio Lower Upper

149 100

150 8.8 7.1 10.7

104 4.8 4.0 6.0

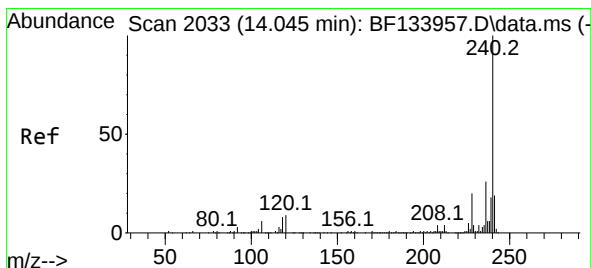
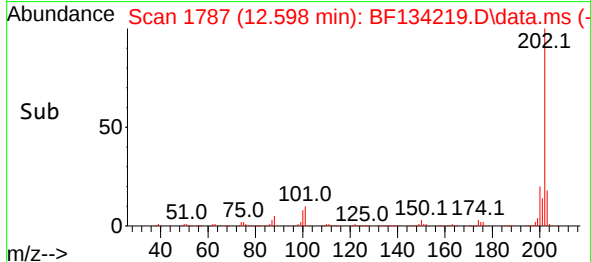
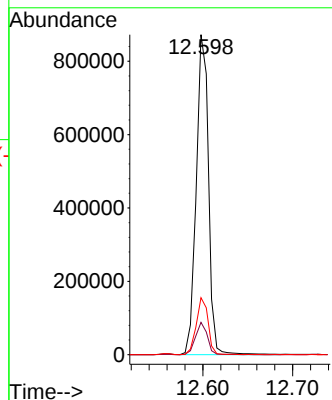
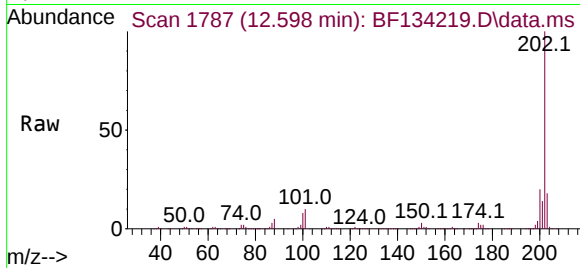




#75  
Fluoranthene  
Concen: 40.129 ng  
RT: 12.598 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

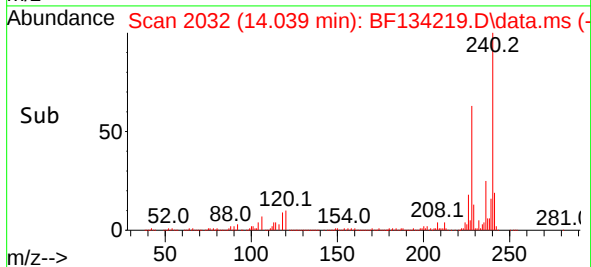
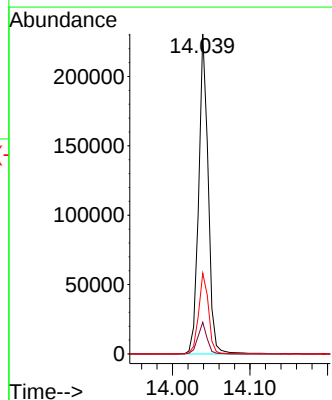
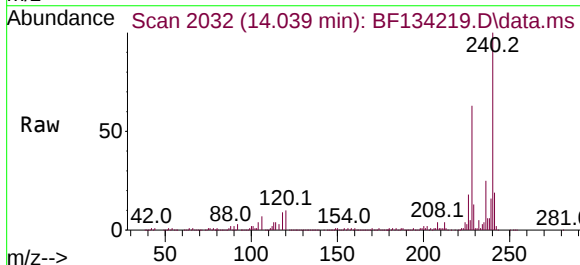
Instrument :  
BNA\_F  
ClientSampleId :

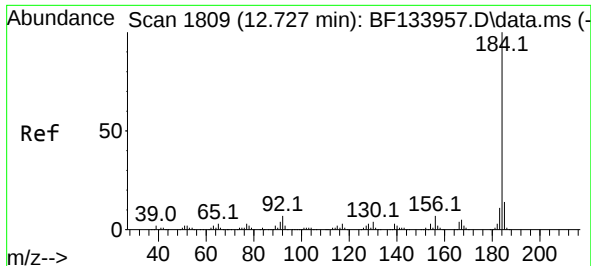
Tgt Ion:202 Resp: 825373  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 31.0  
203 17.8 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

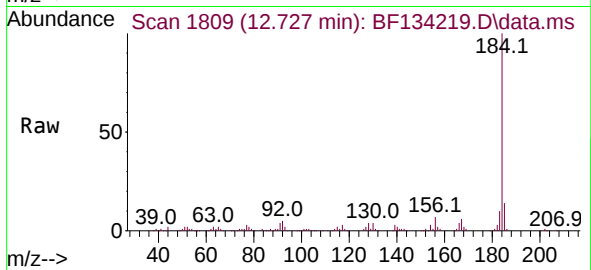
Tgt Ion:240 Resp: 195774  
Ion Ratio Lower Upper  
240 100  
120 9.9 7.4 11.0  
236 25.3 21.0 31.6



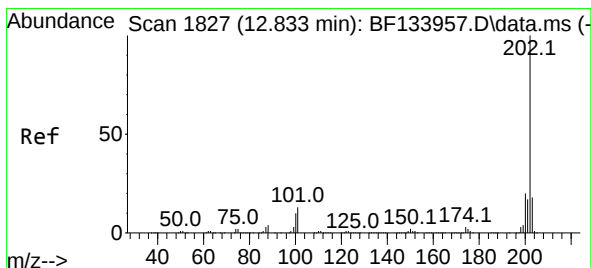
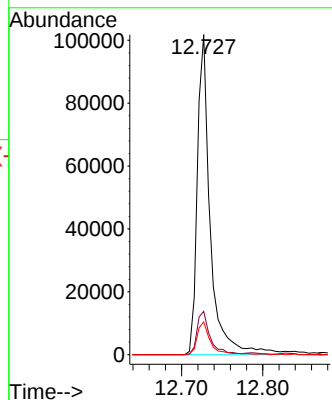
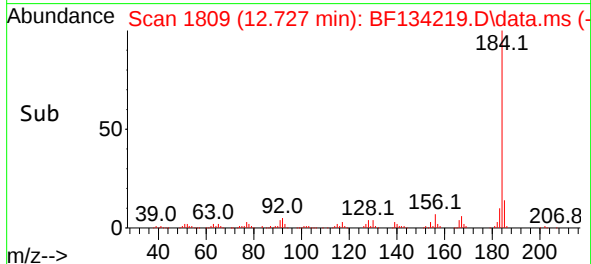


#77  
Benzidine  
Concen: 24.280 ng  
RT: 12.727 min Scan# 1809  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Instrument :  
BNA\_F  
ClientSampleId :

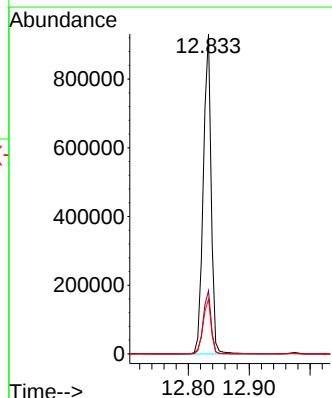
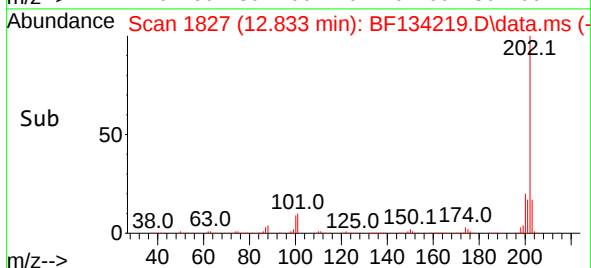
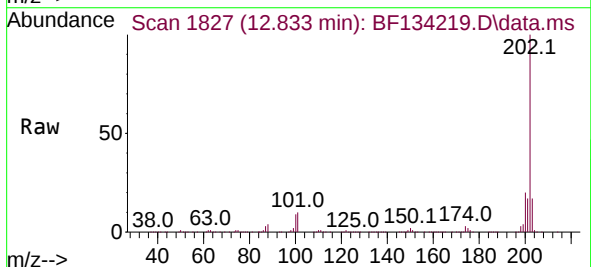


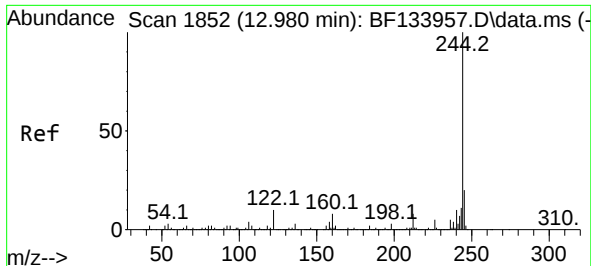
Tgt Ion:184 Resp: 113105  
Ion Ratio Lower Upper  
184 100  
185 13.5 11.6 17.4  
183 10.3 8.8 13.2



#78  
Pyrene  
Concen: 45.618 ng  
RT: 12.833 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

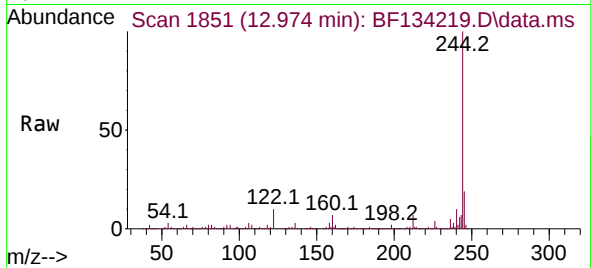
Tgt Ion:202 Resp: 831137  
Ion Ratio Lower Upper  
202 100  
200 19.8 16.1 24.1  
203 17.1 14.3 21.5



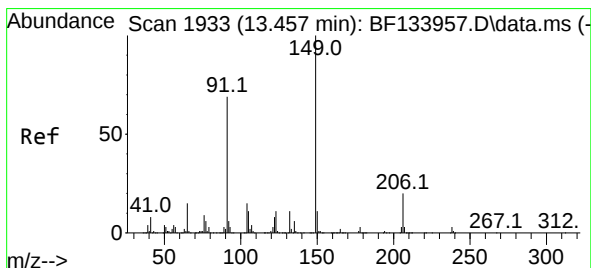
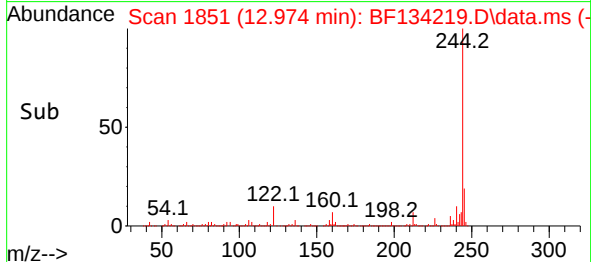
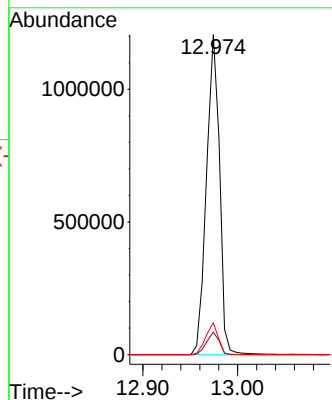


#79  
 Terphenyl-d14  
 Concen: 94.715 ng  
 RT: 12.974 min Scan# 1851  
 Delta R.T. -0.000 min  
 Lab File: BF134219.D  
 Acq: 11 Jul 2023 18:32

Instrument :  
 BNA\_F  
 ClientSampleId :

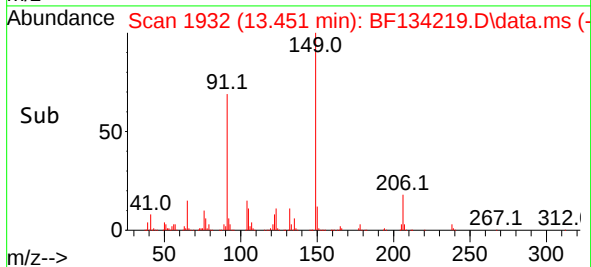
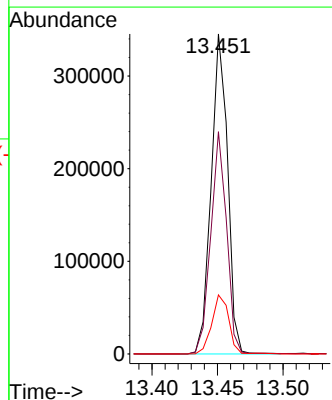
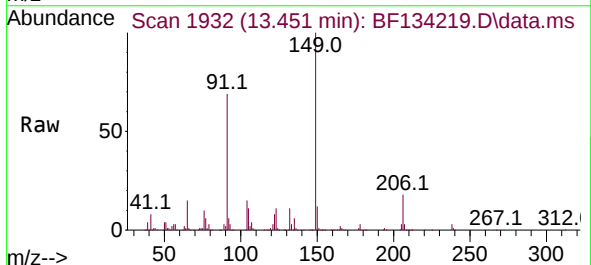


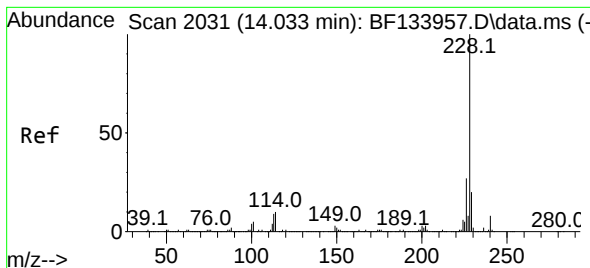
Tgt Ion:244 Resp: 1152141  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.0 9.0  
 122 9.9 8.3 12.5



#80  
 Butylbenzylphthalate  
 Concen: 44.063 ng  
 RT: 13.451 min Scan# 1932  
 Delta R.T. -0.000 min  
 Lab File: BF134219.D  
 Acq: 11 Jul 2023 18:32

Tgt Ion:149 Resp: 301090  
 Ion Ratio Lower Upper  
 149 100  
 91 69.4 55.1 82.7  
 206 18.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 42.439 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA\_F

ClientSampleId :

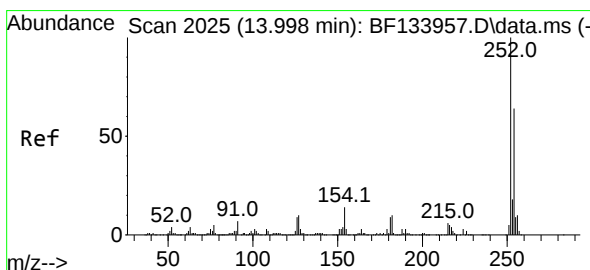
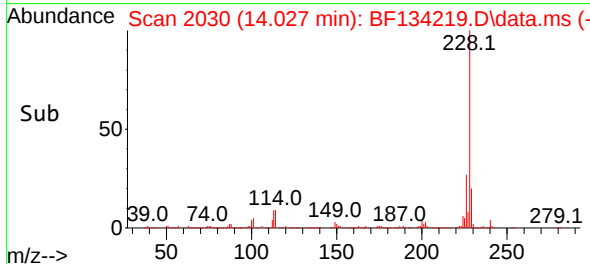
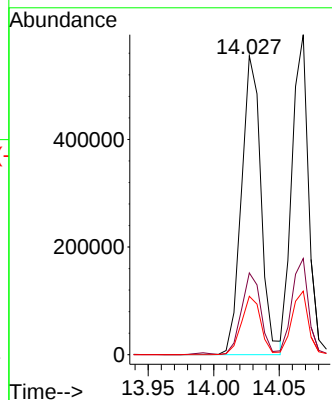
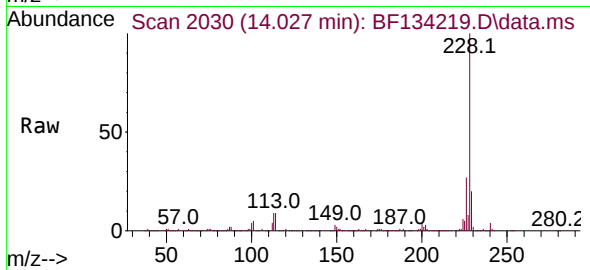
Tgt Ion:228 Resp: 576200

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

229 19.5 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 31.659 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

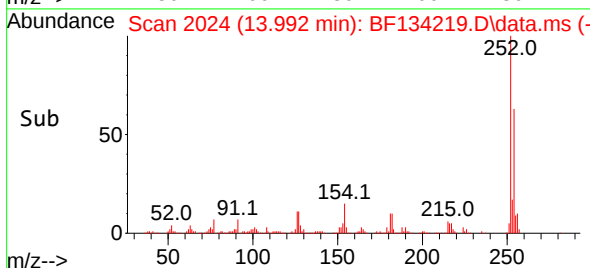
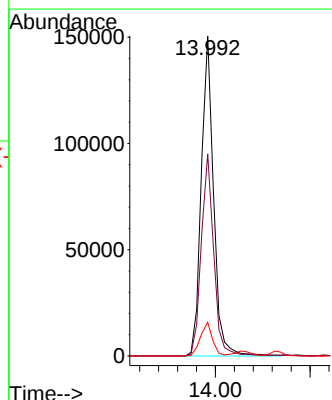
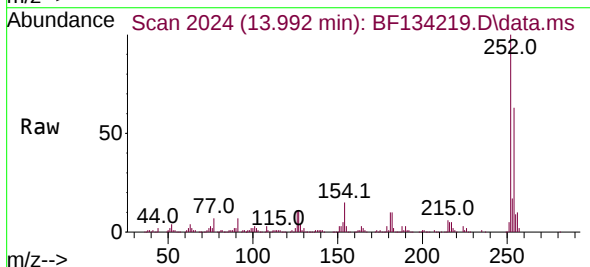
Tgt Ion:252 Resp: 136183

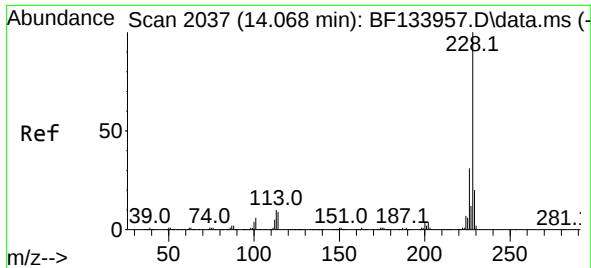
Ion Ratio Lower Upper

252 100

254 63.1 51.4 77.0

126 10.5 7.4 11.2

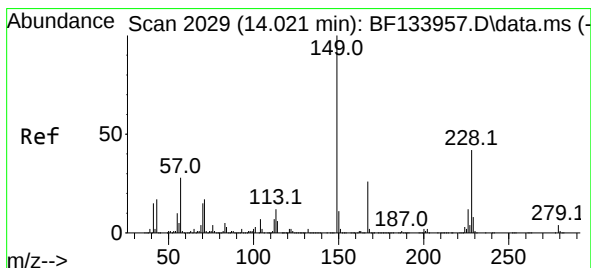
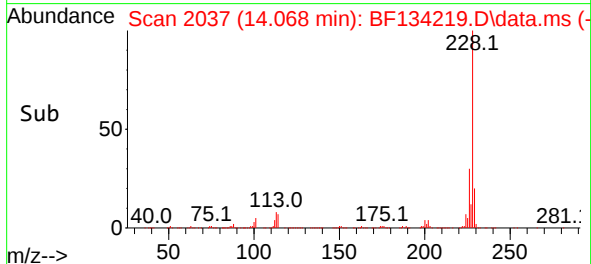
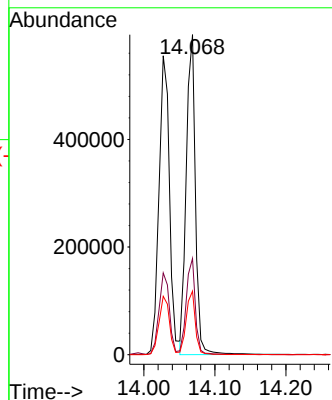
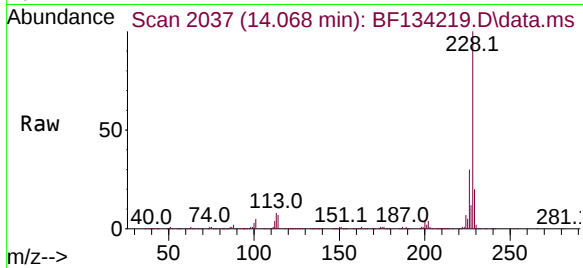




#83  
Chrysene  
Concen: 40.564 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

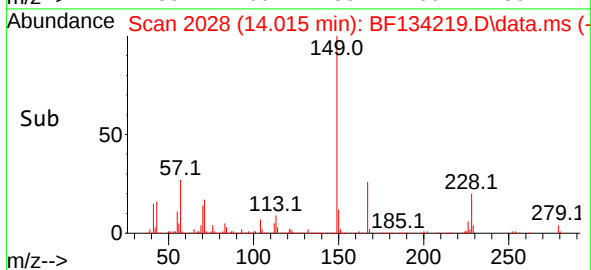
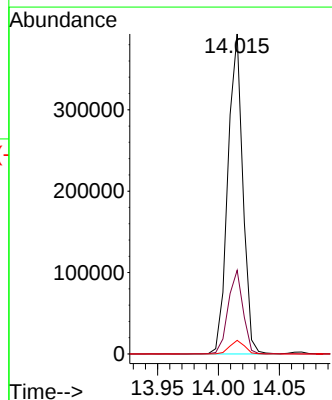
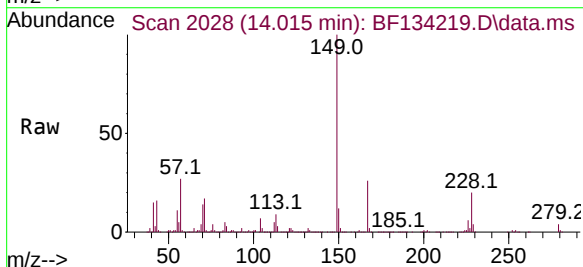
Instrument :  
BNA\_F  
ClientSampleId :

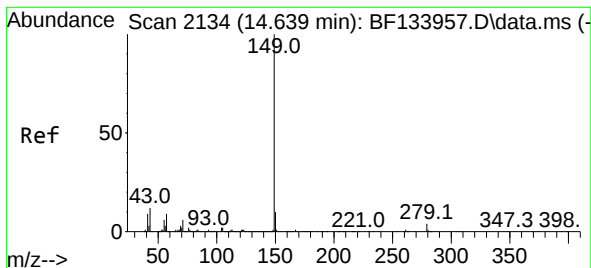
Tgt Ion:228 Resp: 533435  
Ion Ratio Lower Upper  
228 100  
226 30.1 24.4 36.6  
229 19.8 16.1 24.1



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.890 ng  
RT: 14.015 min Scan# 2028  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Tgt Ion:149 Resp: 336757  
Ion Ratio Lower Upper  
149 100  
167 26.1 21.0 31.4  
279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 41.863 ng

RT: 14.633 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA\_F

ClientSampleId :

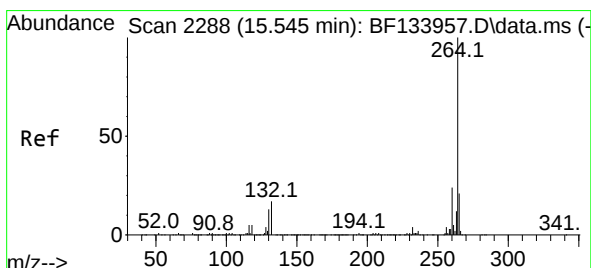
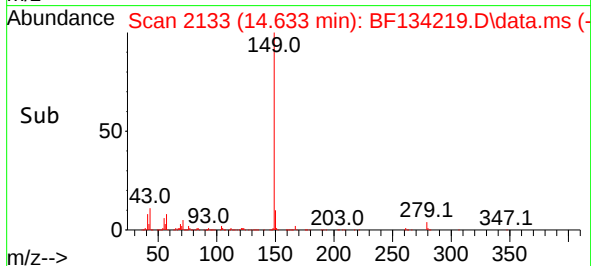
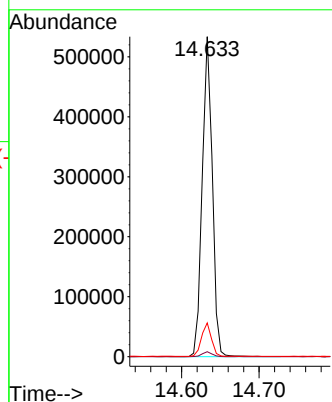
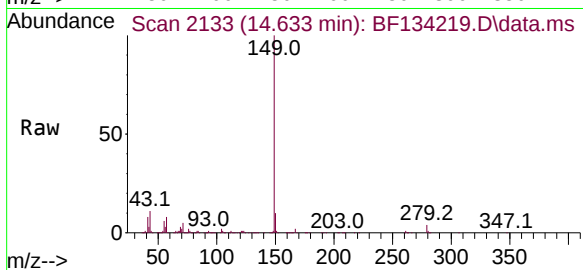
Tgt Ion:149 Resp: 482973

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

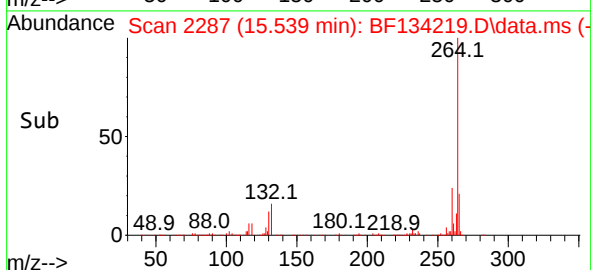
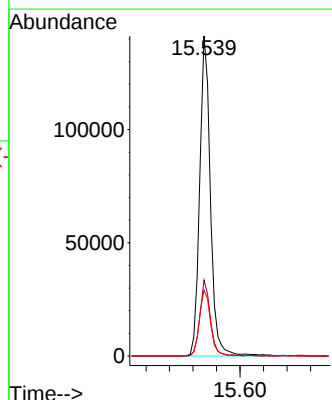
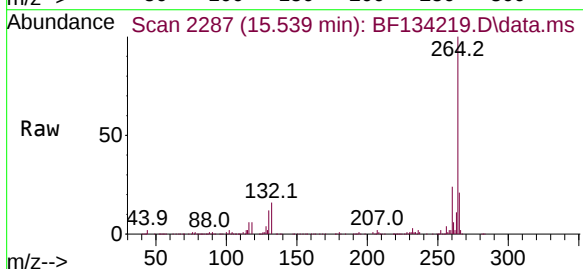
Tgt Ion:264 Resp: 179153

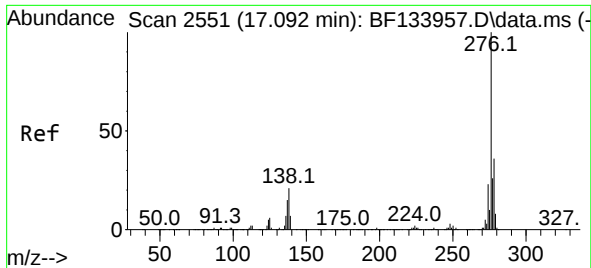
Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

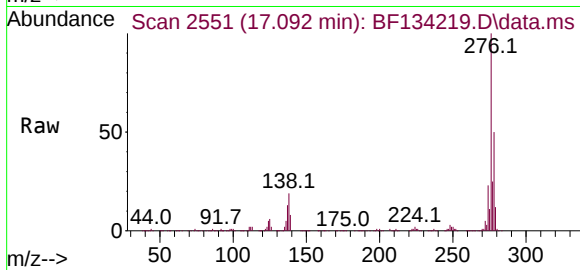
265 20.6 16.6 25.0



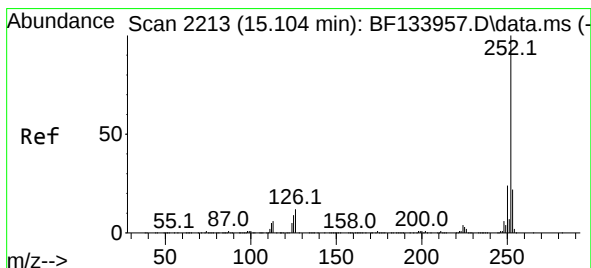
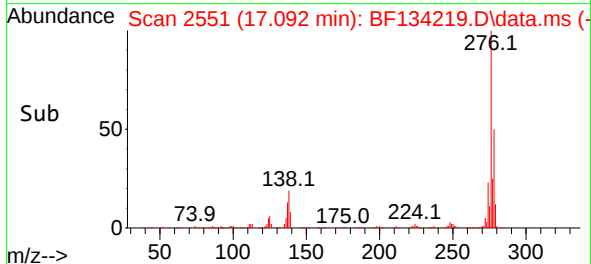
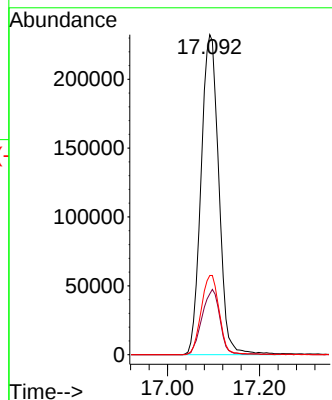


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 50.034 ng  
 RT: 17.092 min Scan# 211  
 Delta R.T. -0.006 min  
 Lab File: BF134219.D  
 Acq: 11 Jul 2023 18:32

Instrument :  
 BNA\_F  
 ClientSampleId :

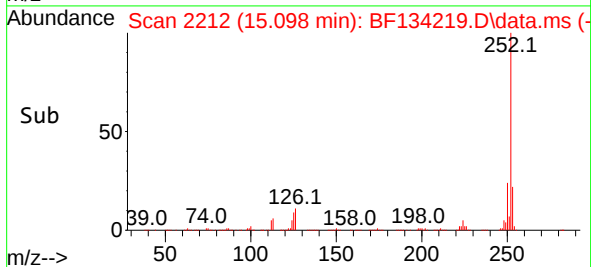
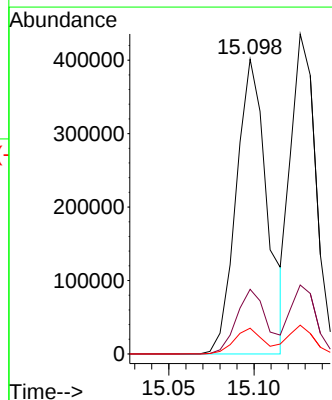
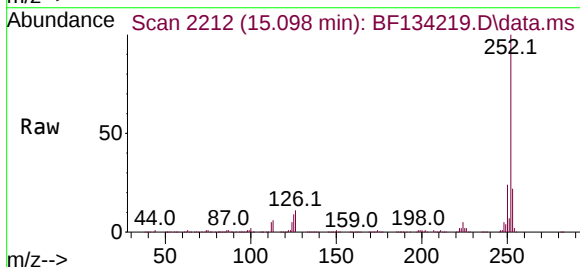


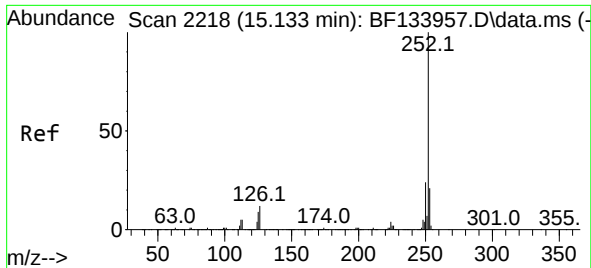
Tgt Ion:276 Resp: 621998  
 Ion Ratio Lower Upper  
 276 100  
 138 20.5 18.7 28.1  
 277 25.1 19.9 29.9



#88  
 Benzo(b)fluoranthene  
 Concen: 48.027 ng  
 RT: 15.098 min Scan# 2212  
 Delta R.T. -0.006 min  
 Lab File: BF134219.D  
 Acq: 11 Jul 2023 18:32

Tgt Ion:252 Resp: 505936  
 Ion Ratio Lower Upper  
 252 100  
 253 21.9 17.4 26.0  
 125 8.8 7.1 10.7

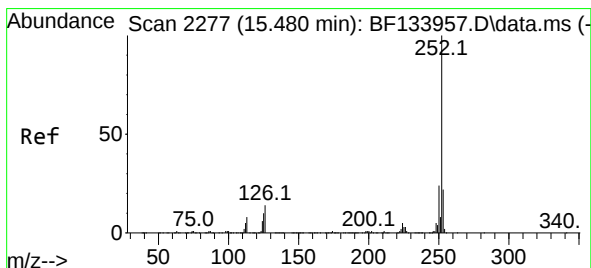
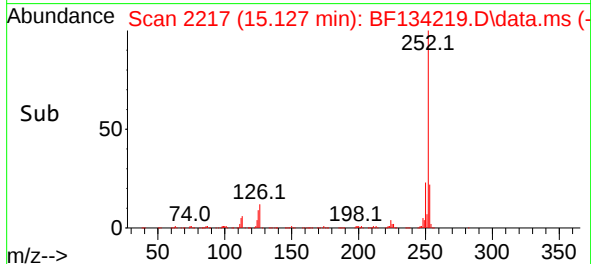
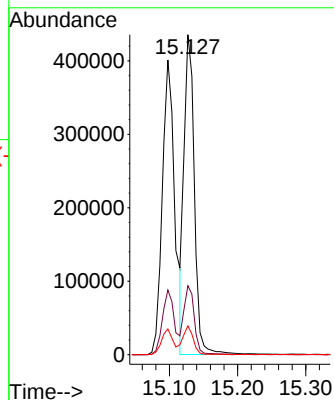
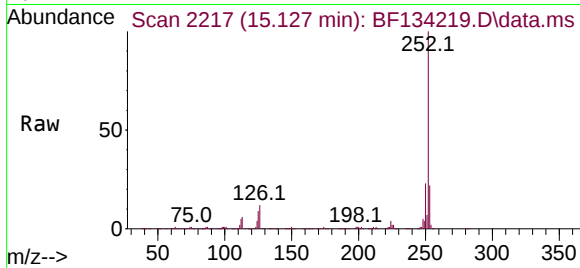




#89  
Benzo(k)fluoranthene  
Concen: 42.693 ng  
RT: 15.127 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

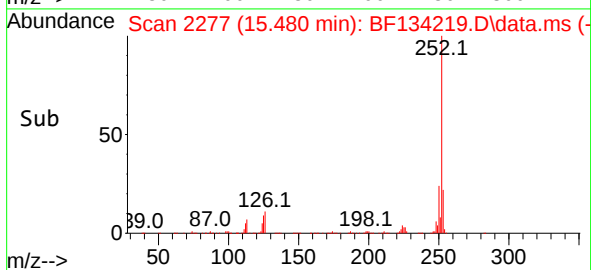
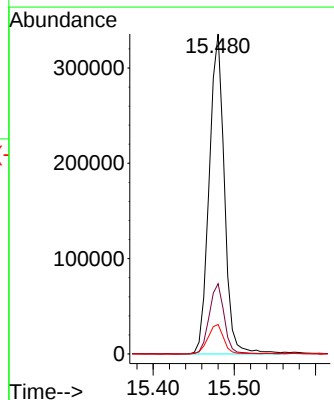
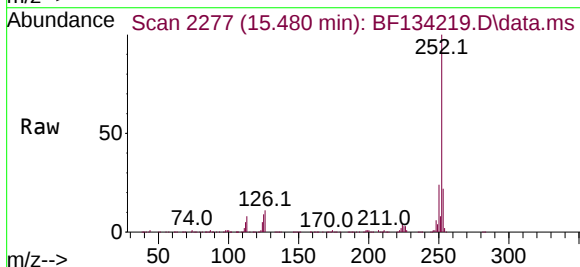
Instrument :  
BNA\_F  
ClientSampleId :

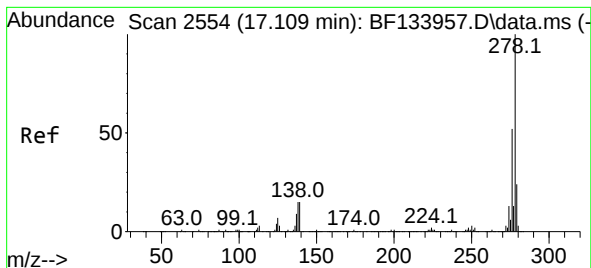
Tgt Ion:252 Resp: 457910  
Ion Ratio Lower Upper  
252 100  
253 21.6 16.9 25.3  
125 9.0 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 42.812 ng  
RT: 15.480 min Scan# 2277  
Delta R.T. -0.000 min  
Lab File: BF134219.D  
Acq: 11 Jul 2023 18:32

Tgt Ion:252 Resp: 436106  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.0  
125 9.2 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 50.048 ng

RT: 17.109 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Instrument :

BNA\_F

ClientSampleId :

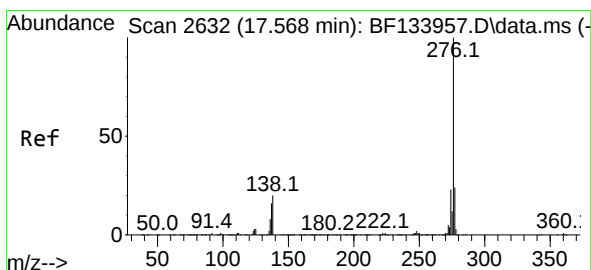
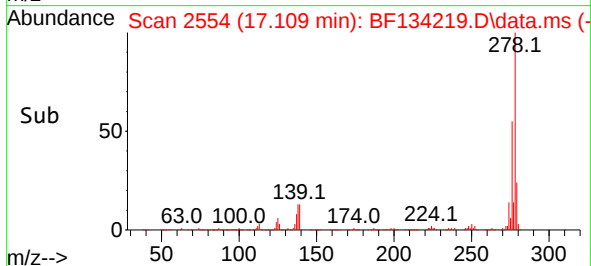
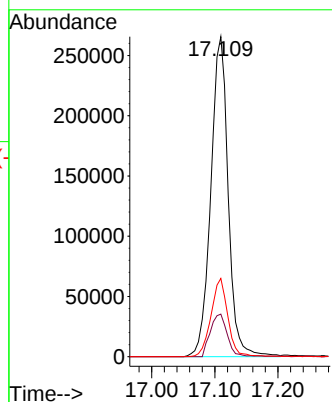
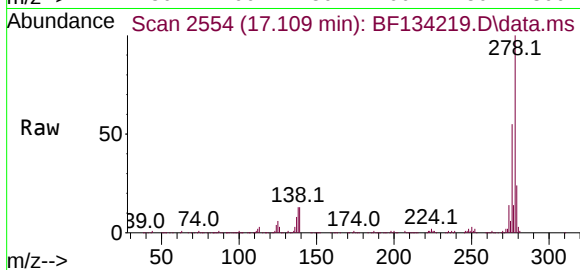
Tgt Ion:278 Resp: 508179

Ion Ratio Lower Upper

278 100

139 13.3 12.2 18.4

279 24.4 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 48.816 ng

RT: 17.562 min Scan# 2631

Delta R.T. -0.006 min

Lab File: BF134219.D

Acq: 11 Jul 2023 18:32

Tgt Ion:276 Resp: 511151

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.6

138 18.0 16.2 24.2

