

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102523\  
 Data File : BF135944.D  
 Acq On : 25 Oct 2023 16:49  
 Operator : CG\JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF102523

Quant Time: Oct 26 03:58:54 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 26 03:58:01 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 175605   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 677904   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 338239   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.351 | 188  | 613544   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.010 | 240  | 413784   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.486 | 264  | 388575   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.446  | 112  | 912683   | 80.256 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 1130310  | 79.836 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.387  | 82   | 909206   | 86.425 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 271973   | 91.864 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.187  | 172  | 1662601  | 78.709 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 1985260  | 80.161 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.610  | 88   | 210122   | 39.776 | ng    | 99       |
| 3) Pyridine                   | 3.363  | 79   | 585508   | 40.156 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.334  | 42   | 254538   | 40.036 | ng    | 99       |
| 6) Aniline                    | 6.493  | 93   | 751983   | 39.446 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.610  | 128  | 471098   | 40.016 | ng    | 97       |
| 9) Benzaldehyde               | 6.375  | 77   | 308049   | 40.222 | ng    | 97       |
| 10) Phenol                    | 6.469  | 94   | 639881   | 43.232 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.569  | 93   | 452378   | 39.266 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 491200   | 39.281 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.840  | 146  | 493319   | 39.280 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.993  | 146  | 460456   | 39.482 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.963  | 79   | 405803   | 40.546 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 660551   | 38.933 | ng    | 99       |
| 17) 2-Methylphenol            | 7.075  | 107  | 409971   | 39.511 | ng    | 98       |
| 18) Hexachloroethane          | 7.334  | 117  | 172610   | 40.420 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.240  | 70   | 318153   | 39.517 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.228  | 107  | 501515   | 40.048 | ng    | 99       |
| 22) Acetophenone              | 7.234  | 105  | 617092   | 40.304 | ng    | 99       |
| 24) Nitrobenzene              | 7.410  | 77   | 472406   | 42.398 | ng    | 98       |
| 25) Isophorone                | 7.645  | 82   | 862461   | 40.249 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.722  | 139  | 181999   | 47.175 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.757  | 122  | 401192   | 41.080 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.857  | 93   | 534612   | 40.629 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 376854   | 43.092 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 404877   | 40.890 | ng    | 100      |
| 31) Naphthalene               | 8.128  | 128  | 1336810  | 40.787 | ng    | 100      |
| 32) Benzoic acid              | 7.869  | 122  | 221113   | 47.600 | ng    | 93       |
| 33) 4-Chloroaniline           | 8.175  | 127  | 579243   | 39.986 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 228726   | 40.983 | ng    | 99       |
| 35) Caprolactam               | 8.551  | 113  | 124781   | 42.877 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.651  | 107  | 390391   | 42.006 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 872945   | 40.255 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 823360   | 40.634 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.981  | 216  | 392141   | 41.048 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 214355   | 45.505 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 250827   | 44.859 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102523\  
 Data File : BF135944.D  
 Acq On : 25 Oct 2023 16:49  
 Operator : CG\JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

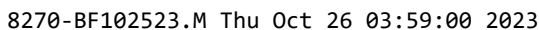
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF102523

Quant Time: Oct 26 03:58:54 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 26 03:58:01 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.128  | 196  | 293944   | 44.277 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.287  | 154  | 1050319  | 40.981 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 775425   | 40.904 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 232404   | 45.531 | ng    | 99       |
| 49) Acenaphthylene            | 9.728  | 152  | 1227734  | 41.052 | ng    | 100      |
| 50) Dimethylphthalate         | 9.592  | 163  | 894738   | 40.791 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 190612   | 42.533 | ng    | 97       |
| 52) Acenaphthene              | 9.898  | 154  | 793868   | 41.420 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.816  | 138  | 229309   | 42.699 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.916  | 184  | 51760    | 47.214 | ng    | 97       |
| 55) Dibenzofuran              | 10.069 | 168  | 1120251  | 40.459 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.969  | 139  | 176640   | 43.018 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 243734   | 43.871 | ng    | 98       |
| 58) Fluorene                  | 10.416 | 166  | 833143   | 40.219 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232  | 226620   | 45.364 | ng    | 98       |
| 60) Diethylphthalate          | 10.292 | 149  | 852072   | 40.737 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204  | 403141   | 40.344 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.434 | 138  | 223846   | 42.172 | ng    | 97       |
| 63) Azobenzene                | 10.569 | 77   | 859828   | 40.507 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198  | 89268    | 46.111 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.528 | 169  | 772338   | 41.669 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 261199   | 41.570 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 278249   | 41.455 | ng    | 99       |
| 69) Atrazine                  | 11.057 | 200  | 205278   | 40.626 | ng    | 100      |
| 70) Pentachlorophenol         | 11.151 | 266  | 176303   | 43.464 | ng    | 100      |
| 71) Phenanthrene              | 11.381 | 178  | 1275237  | 41.083 | ng    | 100      |
| 72) Anthracene                | 11.433 | 178  | 1334972  | 42.002 | ng    | 99       |
| 73) Carbazole                 | 11.586 | 167  | 1166611  | 41.147 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.928 | 149  | 1270800  | 42.121 | ng    | 100      |
| 75) Fluoranthene              | 12.569 | 202  | 1364360  | 41.779 | ng    | 96       |
| 77) Benzidine                 | 12.698 | 184  | 334429   | 41.915 | ng    | 98       |
| 78) Pyrene                    | 12.798 | 202  | 1396273  | 40.189 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 527819   | 40.821 | ng    | 93       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 1174552  | 41.747 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.963 | 252  | 361506   | 42.234 | ng    | 98       |
| 83) Chrysene                  | 14.033 | 228  | 1137694  | 41.518 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.004 | 149  | 638862   | 44.717 | ng #  | 99       |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 1039273  | 46.178 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.998 | 276  | 969236   | 43.989 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.051 | 252  | 960591   | 41.539 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.086 | 252  | 921657   | 40.581 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.427 | 252  | 879457   | 41.264 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.021 | 278  | 800868   | 42.494 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.457 | 276  | 827549   | 39.354 | ng    | 99       |

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

Quant Time: Oct 26 03:58:54 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 26 03:58:01 2023  
Response via : Initial Calibration

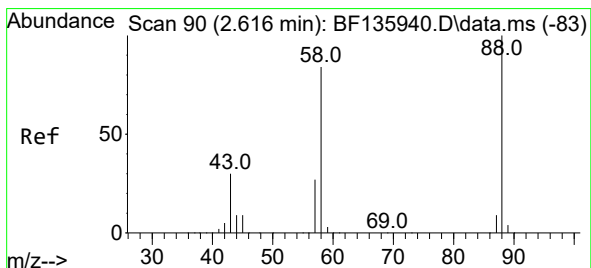
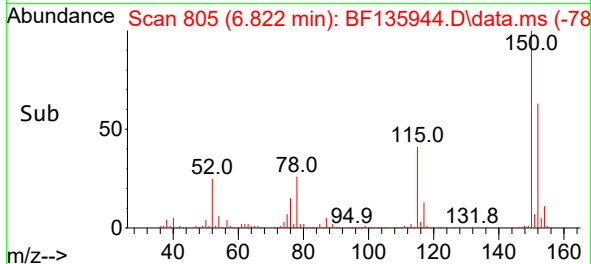
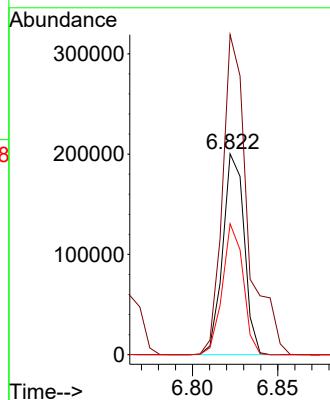
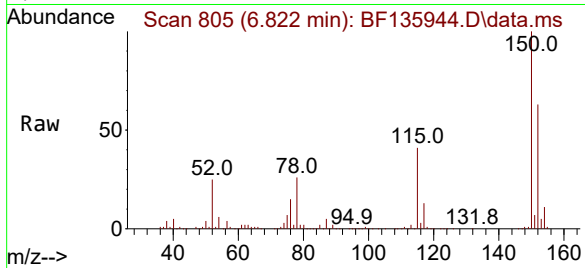




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.822 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BF135944.D  
 Acq: 25 Oct 2023 16:49

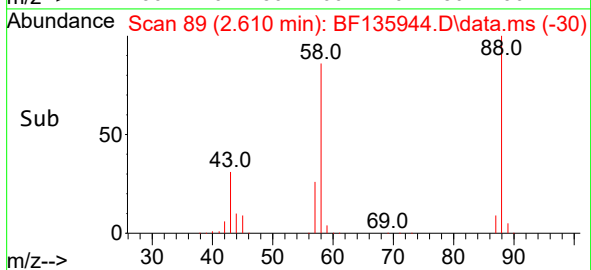
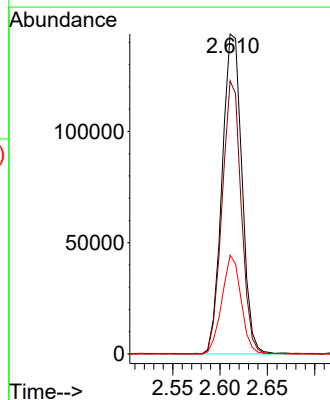
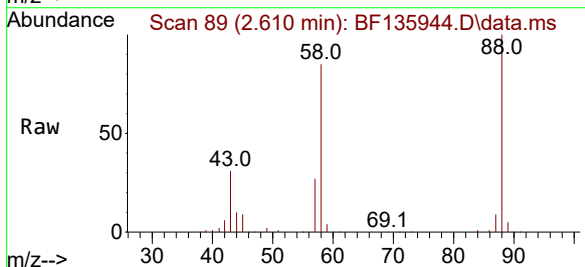
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF102523

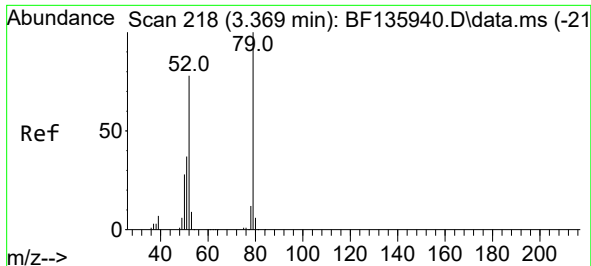
Tgt Ion:152 Resp: 175605  
 Ion Ratio Lower Upper  
 152 100  
 150 159.3 124.6 186.8  
 115 65.1 46.6 69.8



#2  
 1,4-Dioxane  
 Concen: 39.776 ng  
 RT: 2.610 min Scan# 89  
 Delta R.T. -0.006 min  
 Lab File: BF135944.D  
 Acq: 25 Oct 2023 16:49

Tgt Ion: 88 Resp: 210122  
 Ion Ratio Lower Upper  
 88 100  
 58 82.1 66.6 100.0  
 43 29.9 23.8 35.8

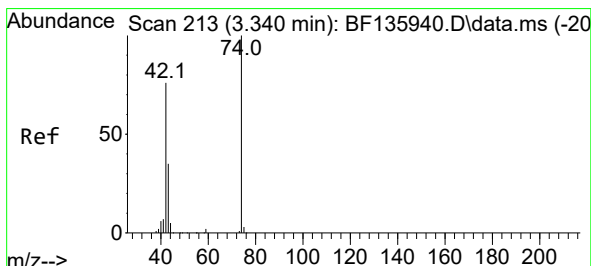
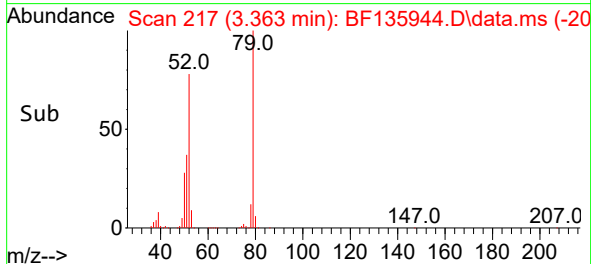
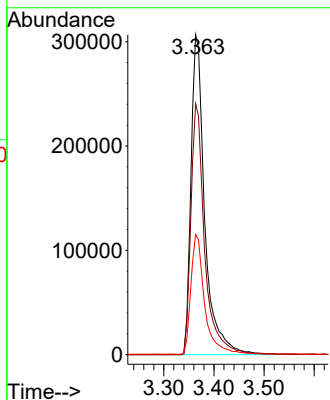
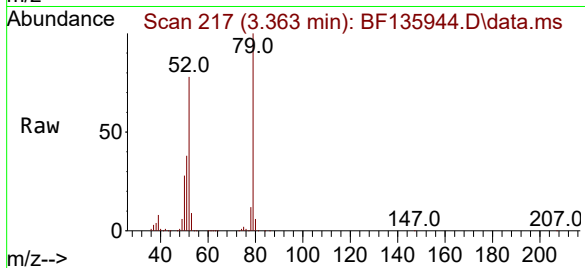




#3  
Pyridine  
Concen: 40.156 ng  
RT: 3.363 min Scan# 218  
Delta R.T. -0.006 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

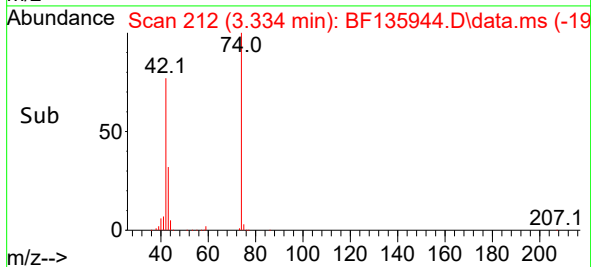
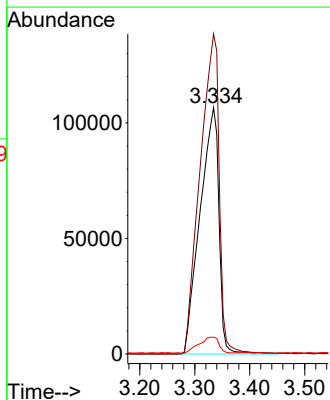
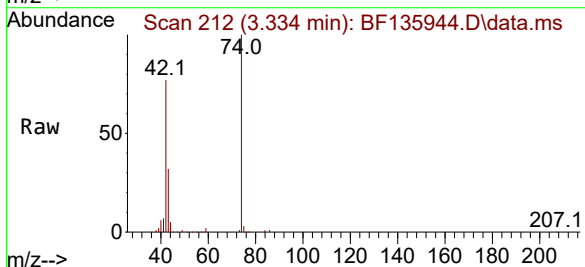
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

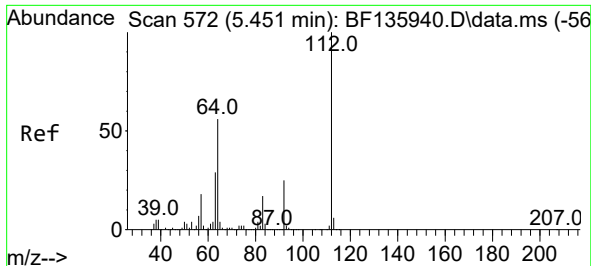
Tgt Ion: 79 Resp: 585508  
Ion Ratio Lower Upper  
79 100  
52 78.4 62.6 93.8  
51 37.6 29.8 44.8



#4  
n-Nitrosodimethylamine  
Concen: 40.036 ng  
RT: 3.334 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion: 42 Resp: 254538  
Ion Ratio Lower Upper  
42 100  
74 129.9 104.8 157.2  
44 6.8 5.9 8.9

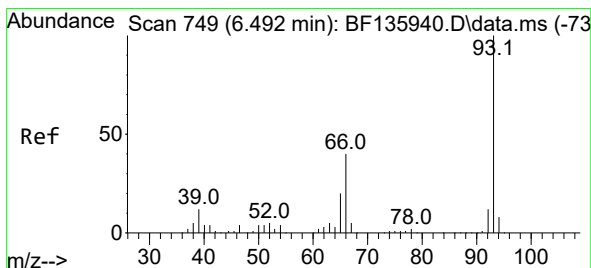
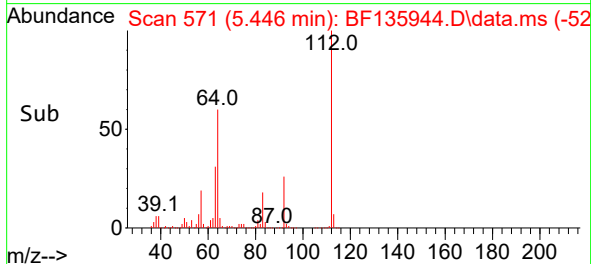
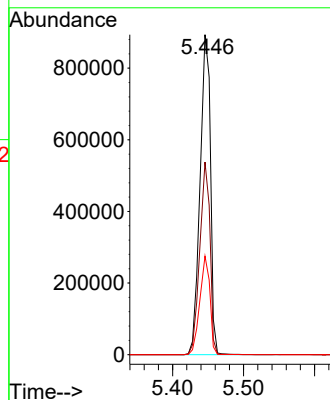
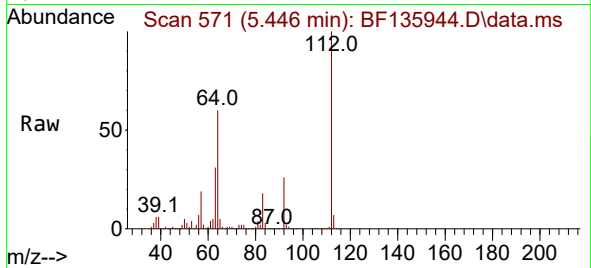




#5  
2-Fluorophenol  
Concen: 80.256 ng  
RT: 5.446 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

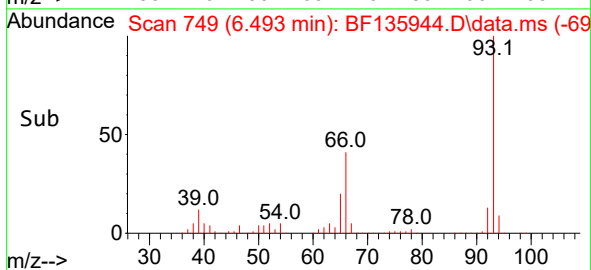
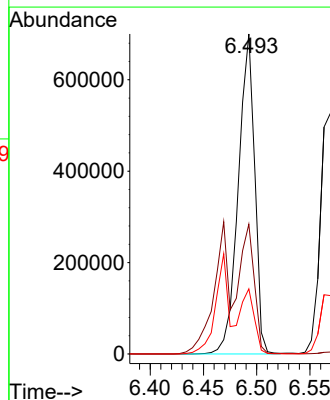
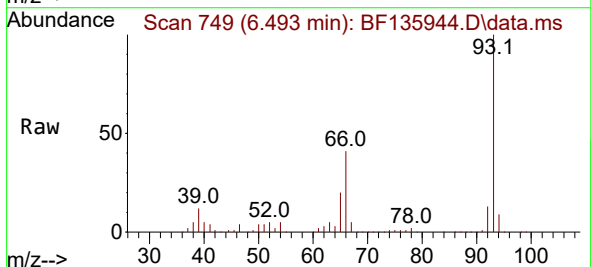
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

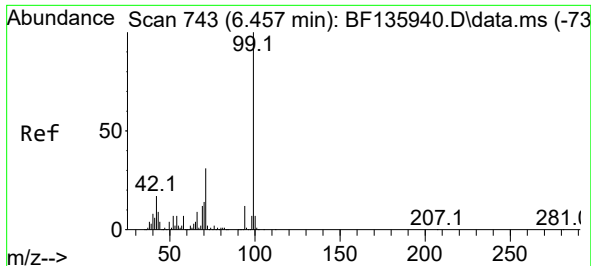
Tgt Ion:112 Resp: 912683  
Ion Ratio Lower Upper  
112 100  
64 60.2 45.1 67.7  
63 30.8 23.0 34.4



#6  
Aniline  
Concen: 39.446 ng  
RT: 6.493 min Scan# 749  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion: 93 Resp: 751983  
Ion Ratio Lower Upper  
93 100  
66 40.5 32.0 48.0  
65 20.3 16.2 24.4

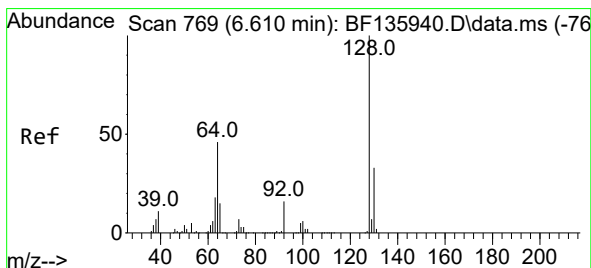
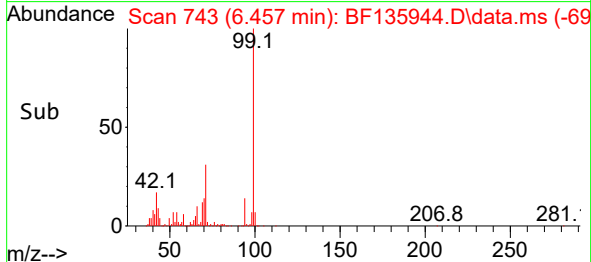
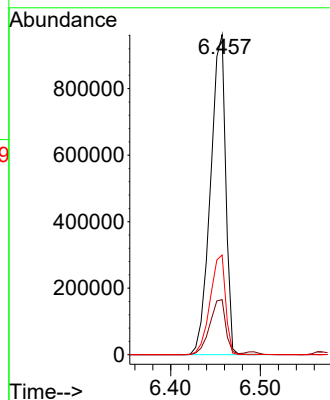
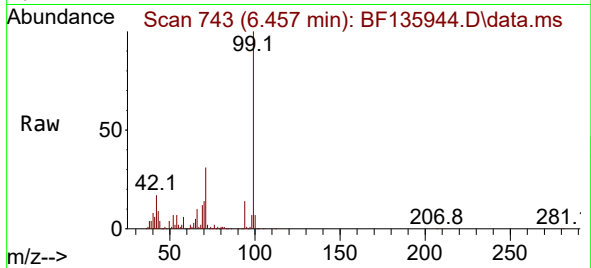




#7  
Phenol-d6  
Concen: 79.836 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

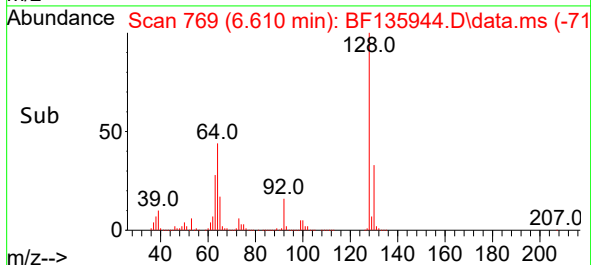
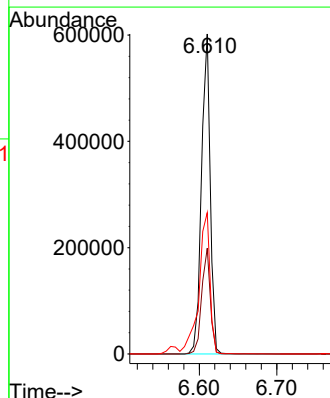
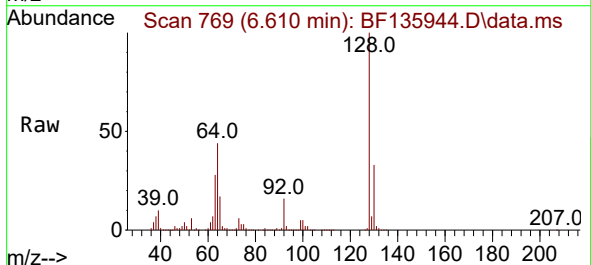
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

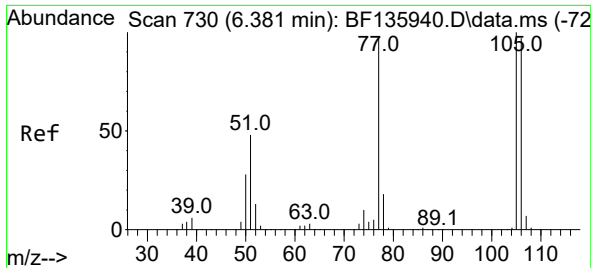
Tgt Ion: 99 Resp: 1130310  
Ion Ratio Lower Upper  
99 100  
42 17.2 13.8 20.8  
71 31.1 25.1 37.7



#8  
2-Chlorophenol  
Concen: 40.016 ng  
RT: 6.610 min Scan# 769  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion: 128 Resp: 471098  
Ion Ratio Lower Upper  
128 100  
130 33.1 13.1 53.1  
64 44.2 27.0 67.0

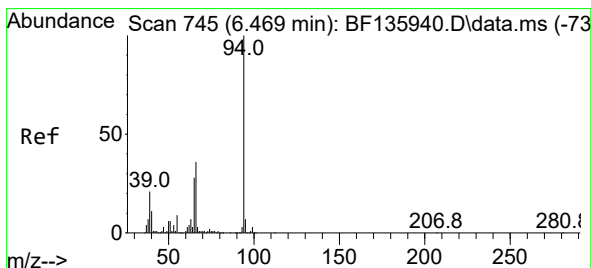
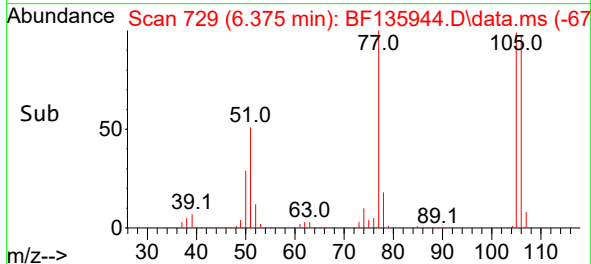
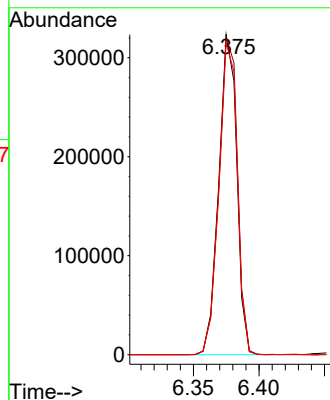
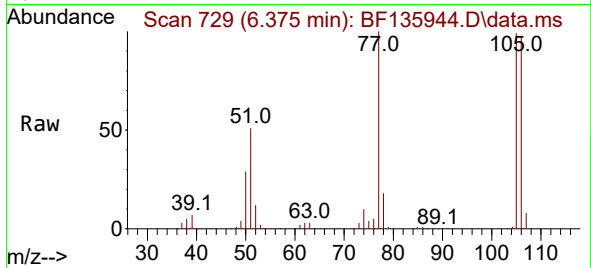




#9  
Benzaldehyde  
Concen: 40.222 ng  
RT: 6.375 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

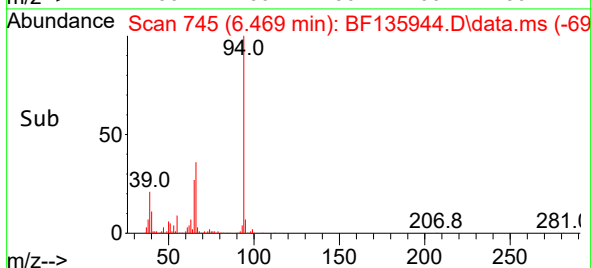
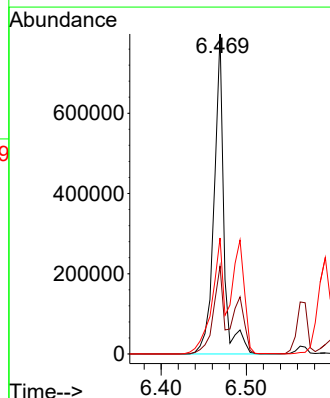
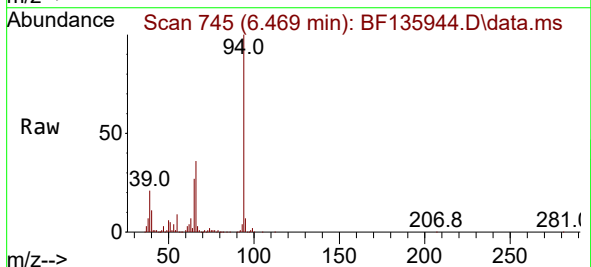
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

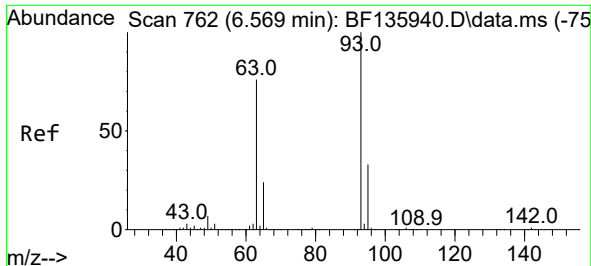
Tgt Ion: 77 Resp: 308049  
Ion Ratio Lower Upper  
77 100  
105 99.2 83.2 123.2  
106 97.4 80.0 120.0



#10  
Phenol  
Concen: 43.232 ng  
RT: 6.469 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion: 94 Resp: 639881  
Ion Ratio Lower Upper  
94 100  
65 27.5 7.8 47.8  
66 36.3 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 39.266 ng

RT: 6.569 min Scan# 762

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

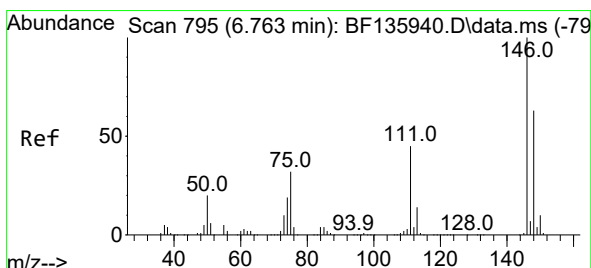
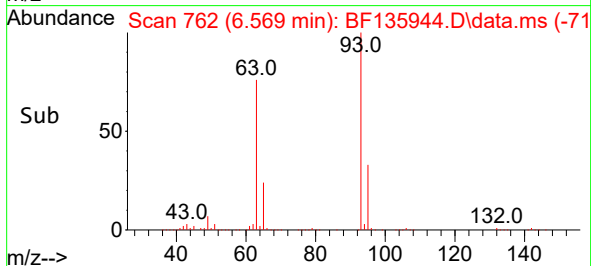
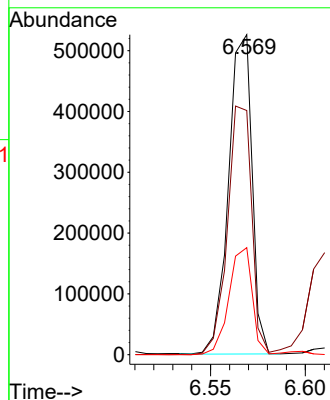
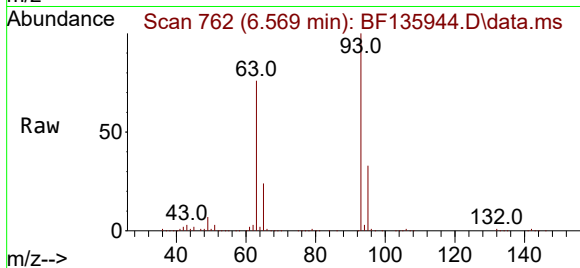
Tgt Ion: 93 Resp: 452378

Ion Ratio Lower Upper

93 100

63 76.3 56.2 96.2

95 33.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 39.281 ng

RT: 6.763 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

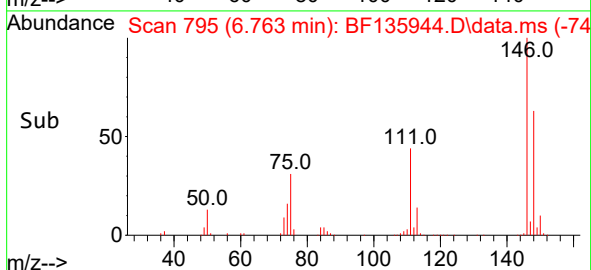
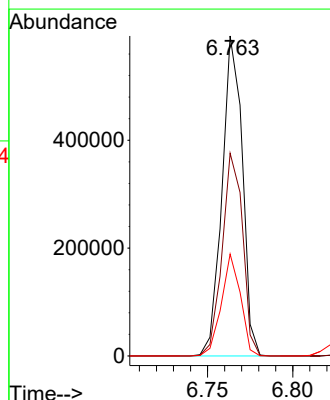
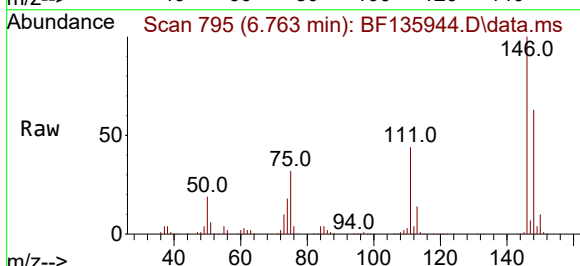
Tgt Ion:146 Resp: 491200

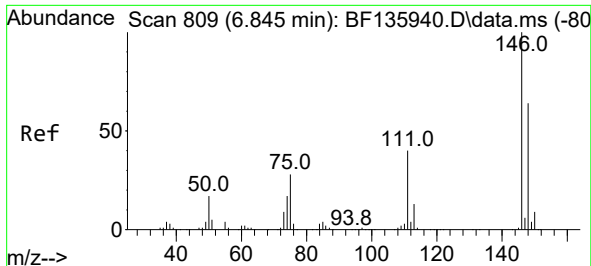
Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.4

75 31.9 25.9 38.9

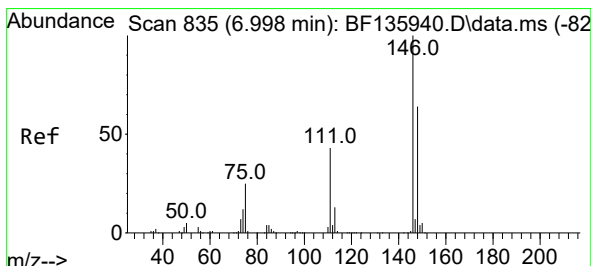
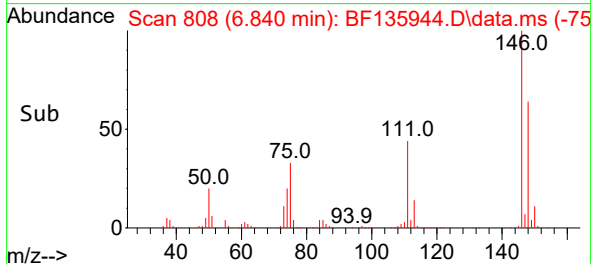
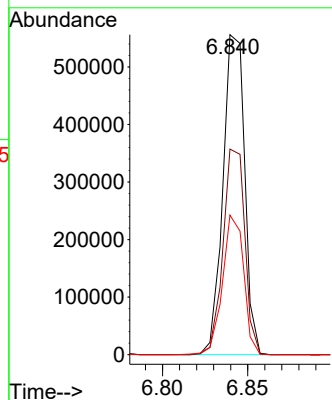
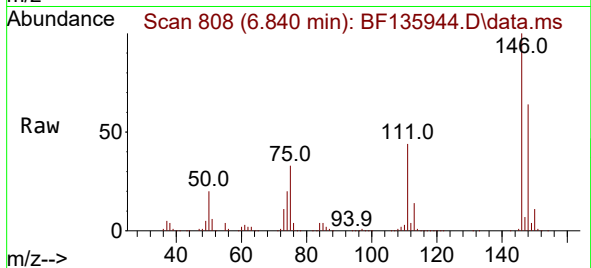




#13  
1,4-Dichlorobenzene  
Concen: 39.280 ng  
RT: 6.840 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

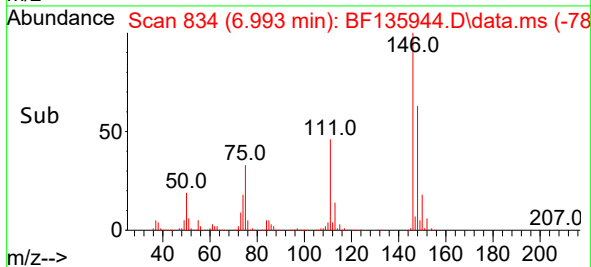
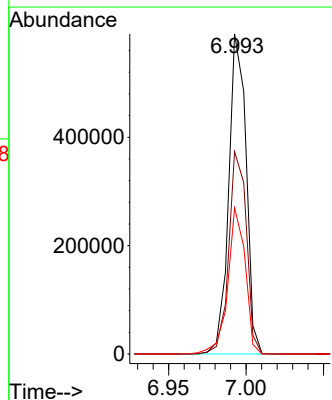
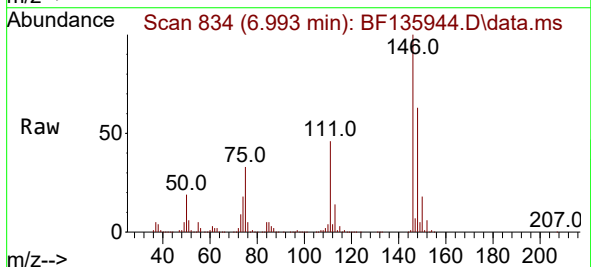
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

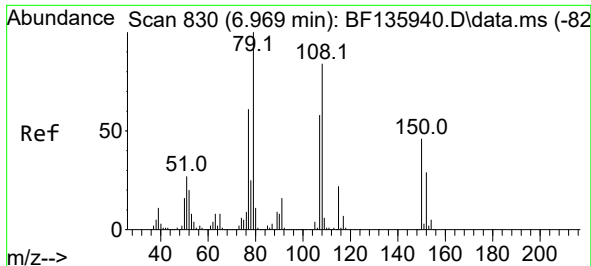
Tgt Ion:146 Resp: 493319  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.4 77.2  
111 43.6 31.8 47.8



#14  
1,2-Dichlorobenzene  
Concen: 39.482 ng  
RT: 6.993 min Scan# 834  
Delta R.T. -0.006 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:146 Resp: 460456  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.4 77.0  
111 45.6 34.2 51.4

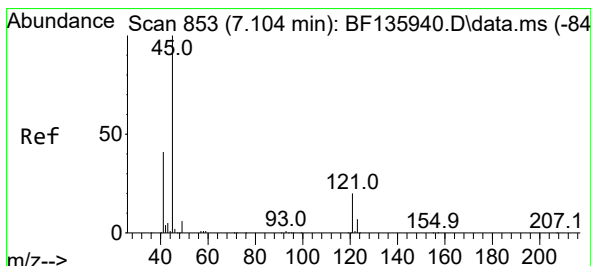
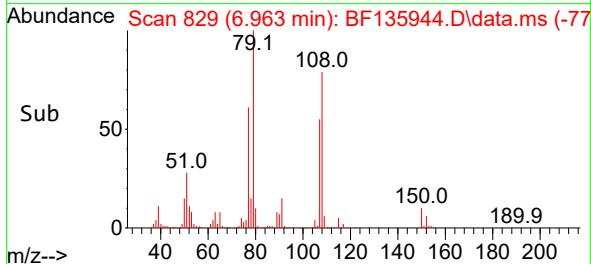
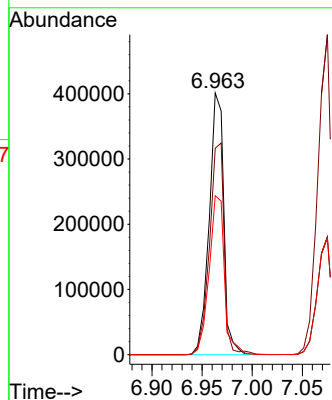
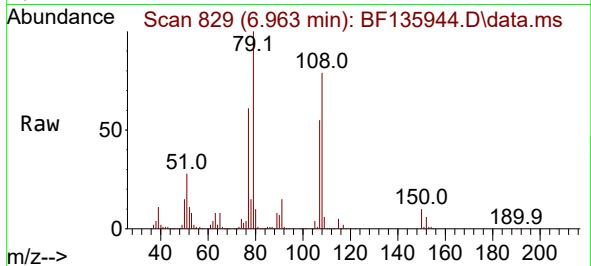




#15  
Benzyl Alcohol  
Concen: 40.546 ng  
RT: 6.963 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

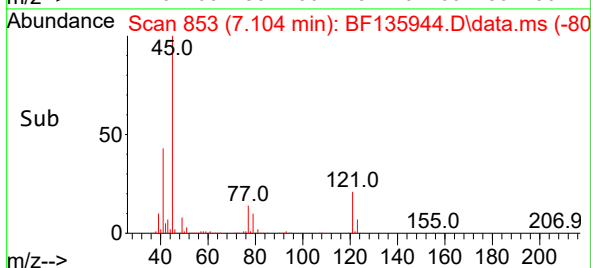
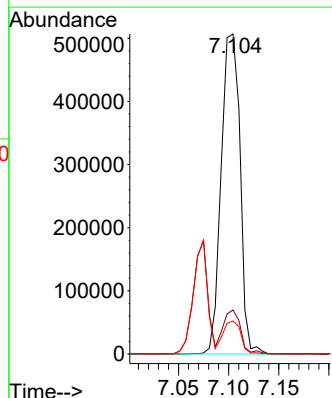
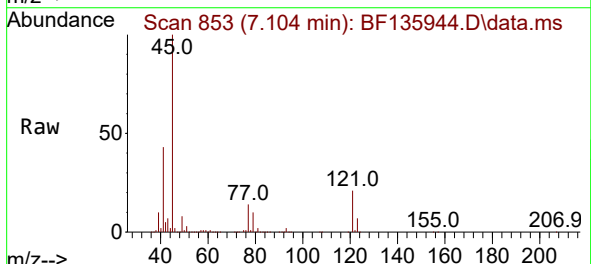
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

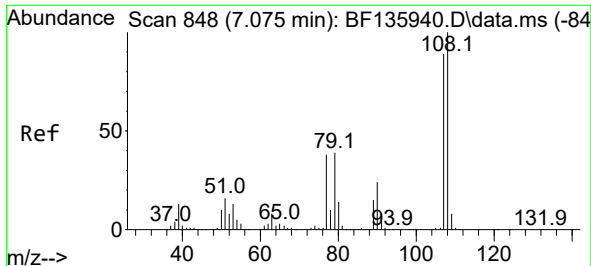
Tgt Ion: 79 Resp: 405803  
Ion Ratio Lower Upper  
79 100  
108 78.9 67.2 100.8  
77 60.7 49.0 73.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.933 ng  
RT: 7.104 min Scan# 853  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion: 45 Resp: 660551  
Ion Ratio Lower Upper  
45 100  
77 13.7 0.0 33.2  
79 10.3 0.0 29.8

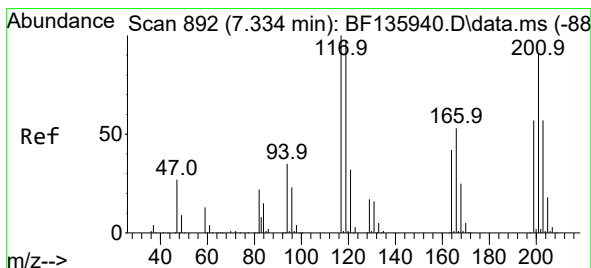
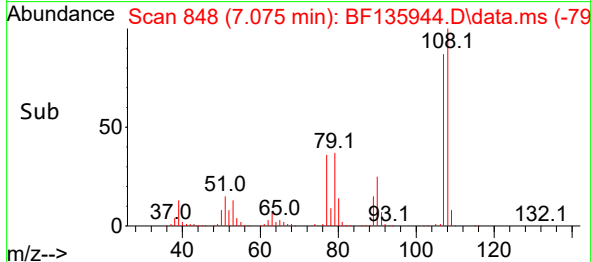
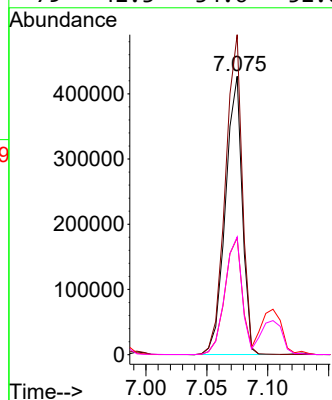
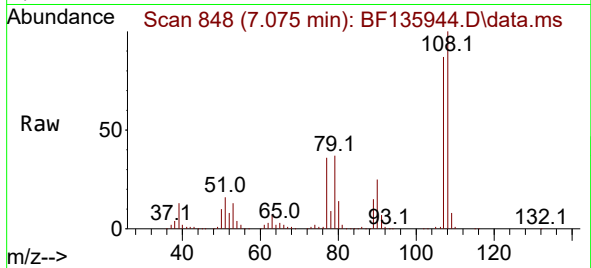




#17  
2-Methylphenol  
Concen: 39.511 ng  
RT: 7.075 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

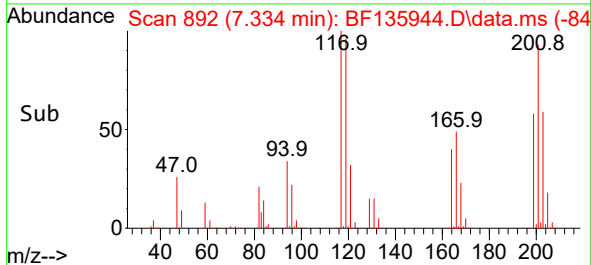
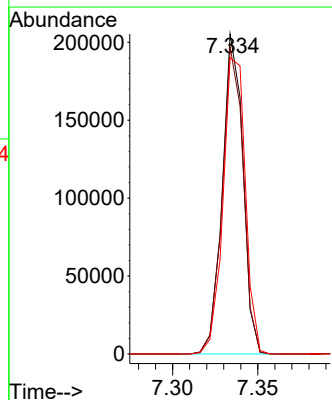
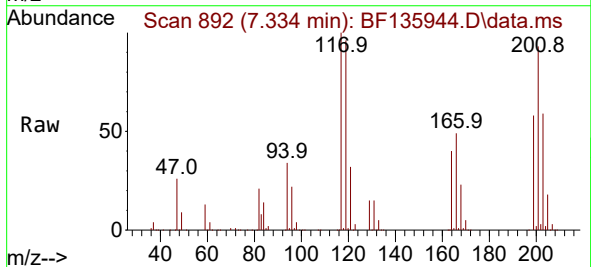
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

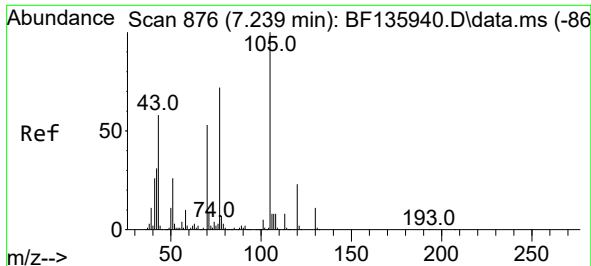
Tgt Ion:107 Resp: 409971  
Ion Ratio Lower Upper  
107 100  
108 114.9 89.8 134.6  
77 41.9 34.2 51.2  
79 42.3 34.6 52.0



#18  
Hexachloroethane  
Concen: 40.420 ng  
RT: 7.334 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:117 Resp: 172610  
Ion Ratio Lower Upper  
117 100  
119 95.9 77.3 115.9  
201 92.6 72.8 109.2

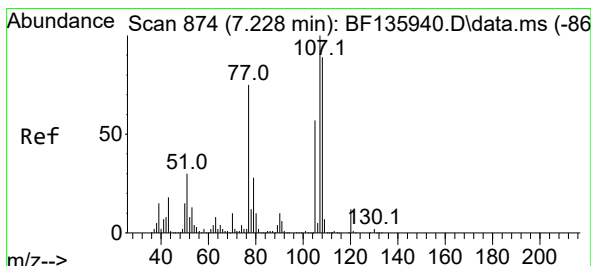
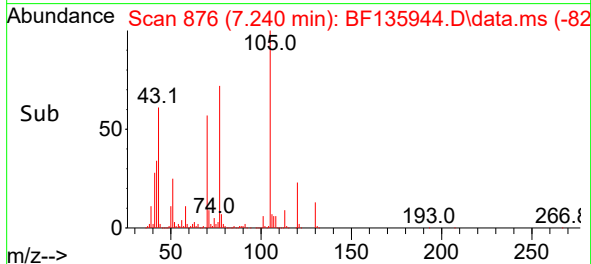
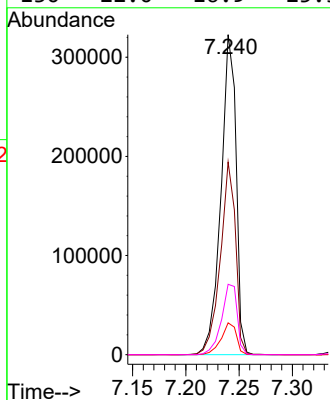
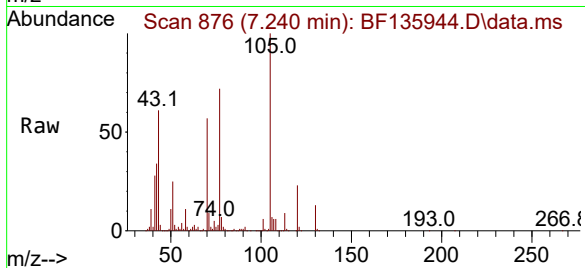




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.517 ng  
RT: 7.240 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

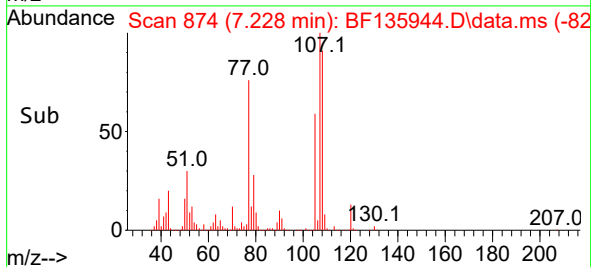
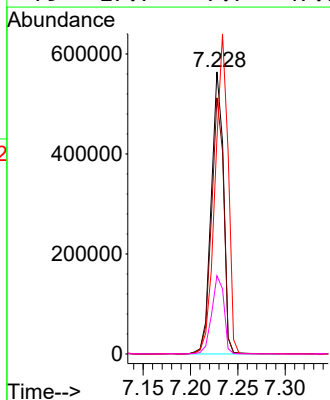
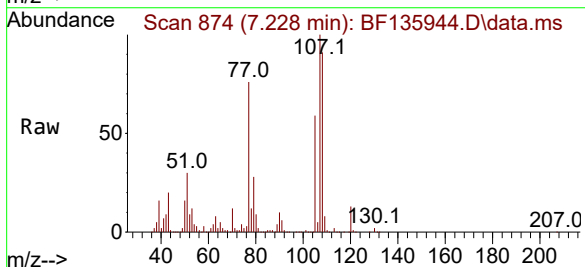
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

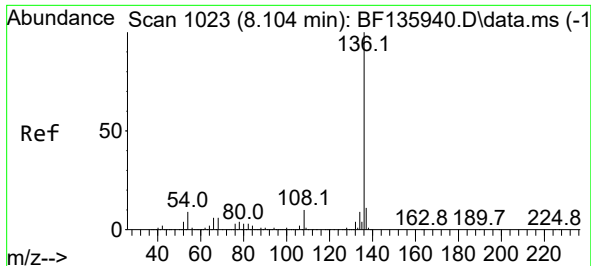
Tgt Ion: 70 Resp: 318153  
Ion Ratio Lower Upper  
70 100  
42 60.2 47.3 70.9  
101 9.9 7.8 11.8  
130 22.0 16.9 25.3



#20  
3+4-Methylphenols  
Concen: 40.048 ng  
RT: 7.228 min Scan# 874  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion: 107 Resp: 501515  
Ion Ratio Lower Upper  
107 100  
108 90.8 69.1 109.1  
77 76.1 55.0 95.0  
79 27.7 7.7 47.7

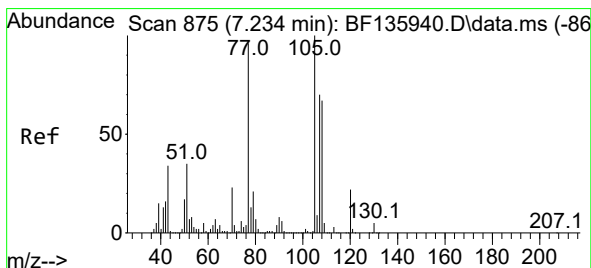
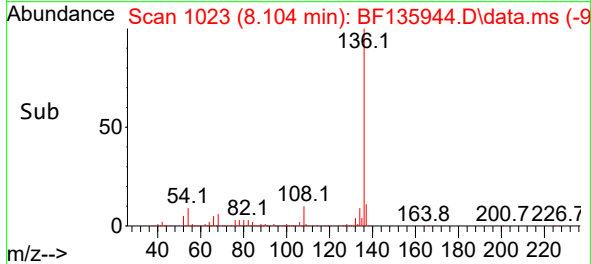
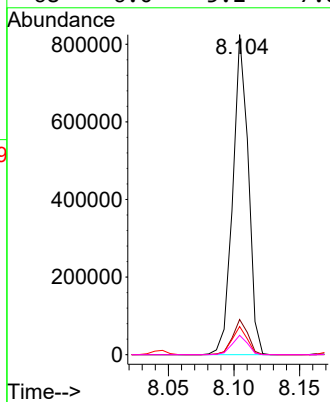
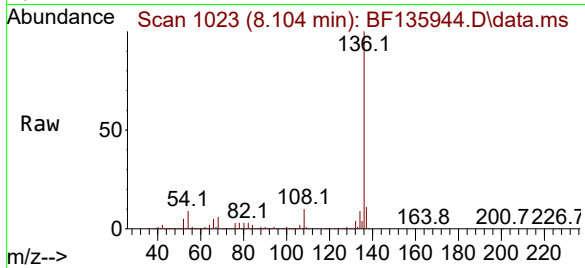




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

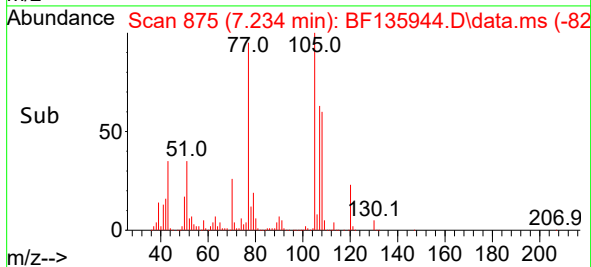
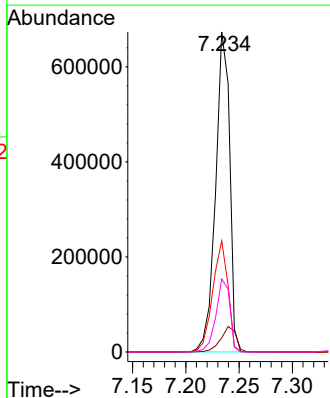
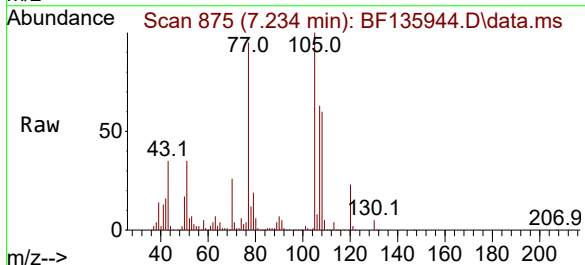
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

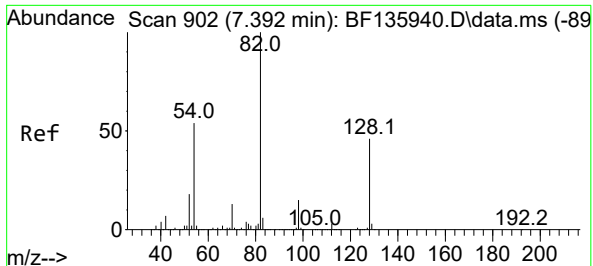
Tgt Ion:136 Resp: 677904  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.0 13.6  
54 8.8 7.1 10.7  
68 6.0 5.2 7.8



#22  
Acetophenone  
Concen: 40.304 ng  
RT: 7.234 min Scan# 875  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:105 Resp: 617092  
Ion Ratio Lower Upper  
105 100  
71 4.4 3.4 5.2  
51 34.7 28.4 42.6  
120 22.8 17.8 26.6





#23

Nitrobenzene-d5

Concen: 86.425 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.005 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

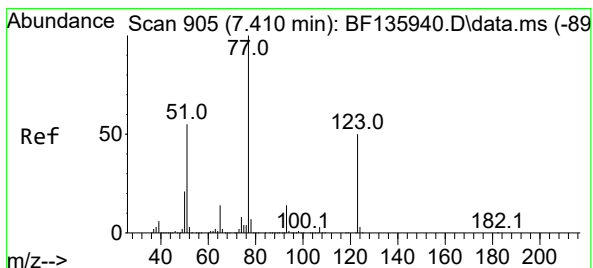
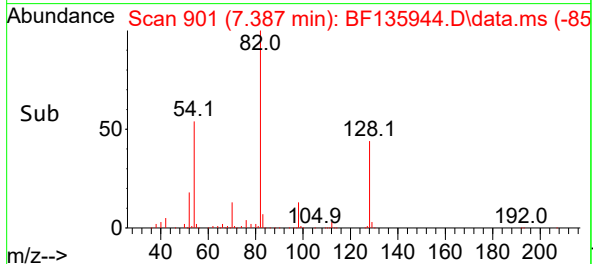
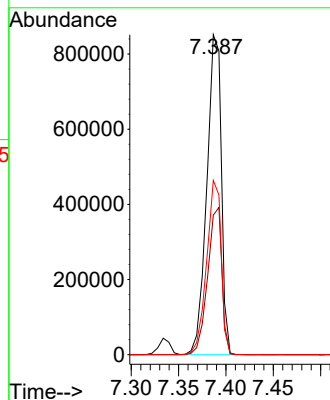
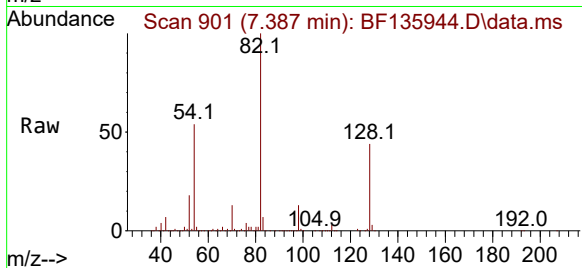
Tgt Ion: 82 Resp: 909206

Ion Ratio Lower Upper

82 100

128 43.6 36.8 55.2

54 54.5 43.4 65.0



#24

Nitrobenzene

Concen: 42.398 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

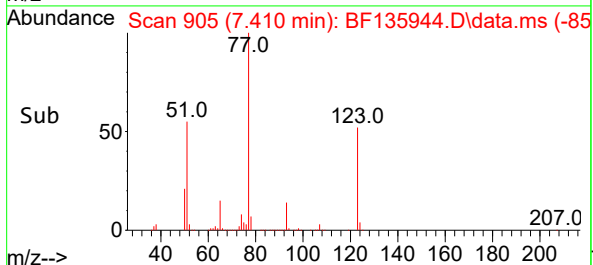
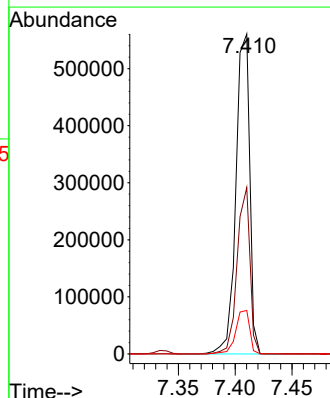
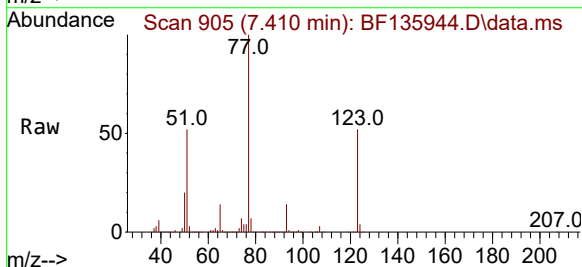
Tgt Ion: 77 Resp: 472406

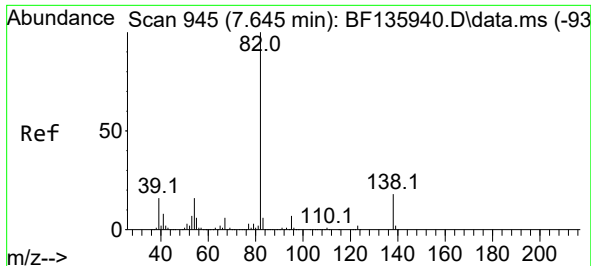
Ion Ratio Lower Upper

77 100

123 52.0 40.2 60.2

65 13.6 11.0 16.4

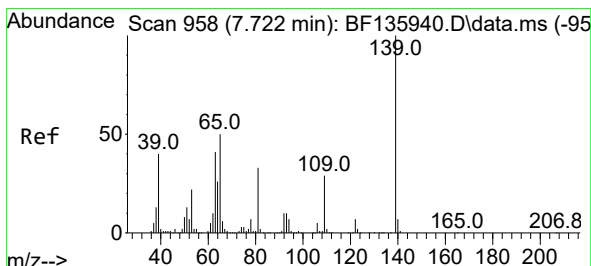
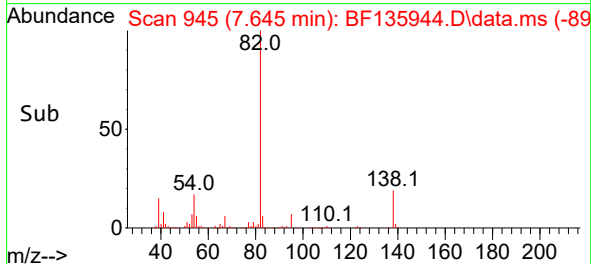
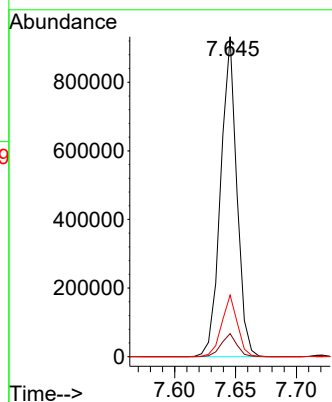
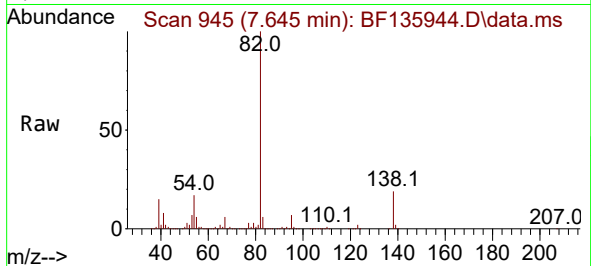




#25  
Isophorone  
Concen: 40.249 ng  
RT: 7.645 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

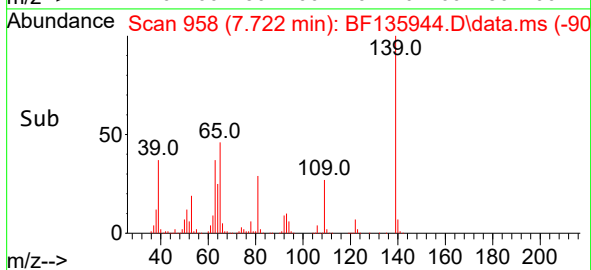
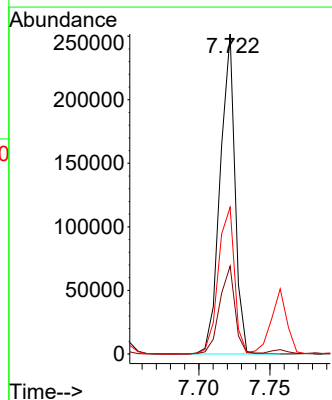
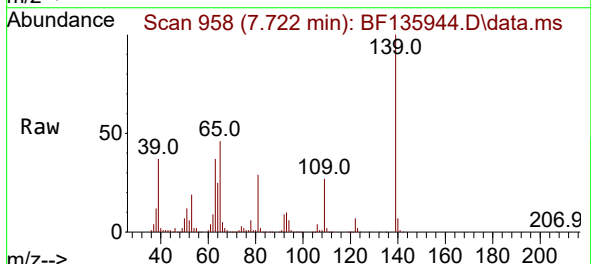
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

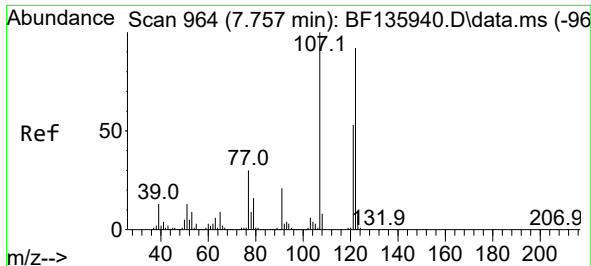
Tgt Ion: 82 Resp: 862461  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.6 8.4  
138 19.3 14.8 22.2



#26  
2-Nitrophenol  
Concen: 47.175 ng  
RT: 7.722 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:139 Resp: 181999  
Ion Ratio Lower Upper  
139 100  
109 27.5 23.1 34.7  
65 45.9 39.8 59.8





#27

2,4-Dimethylphenol

Concen: 41.080 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

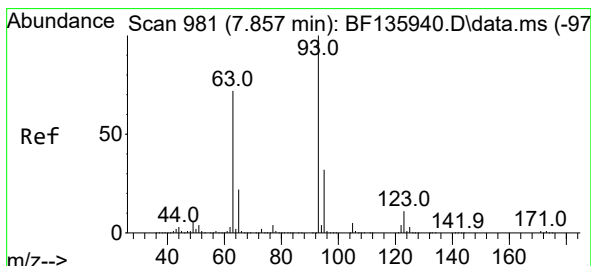
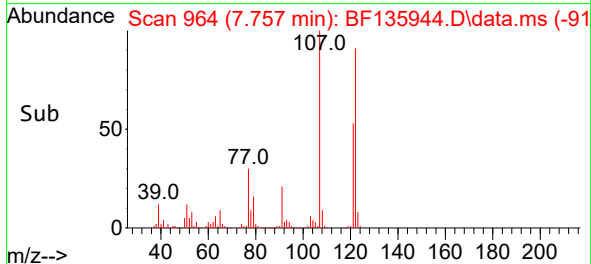
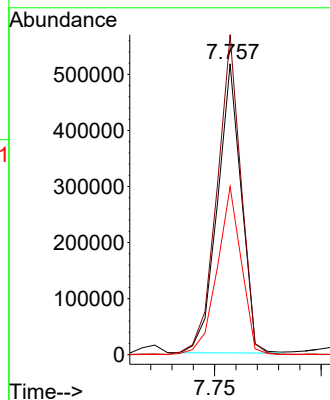
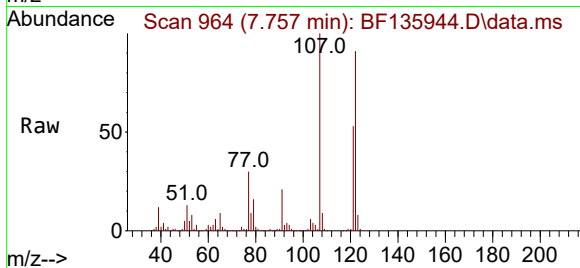
Tgt Ion:122 Resp: 401192

Ion Ratio Lower Upper

122 100

107 110.0 87.1 130.7

121 57.7 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 40.629 ng

RT: 7.857 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

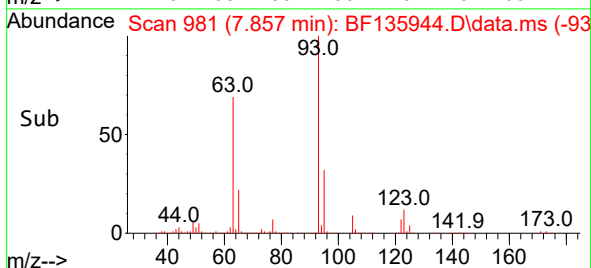
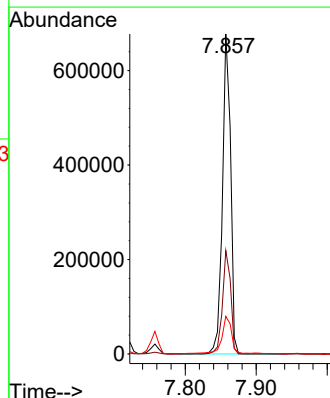
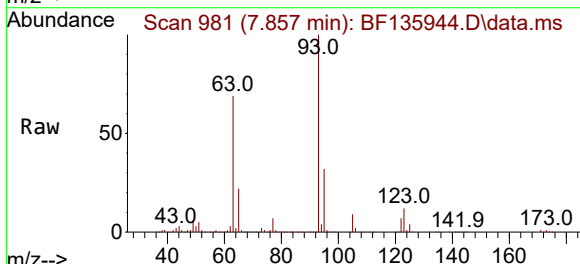
Tgt Ion: 93 Resp: 534612

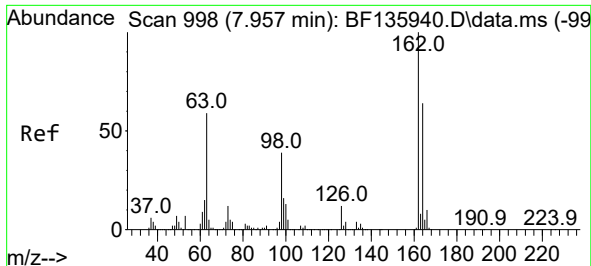
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.7 9.0 13.6

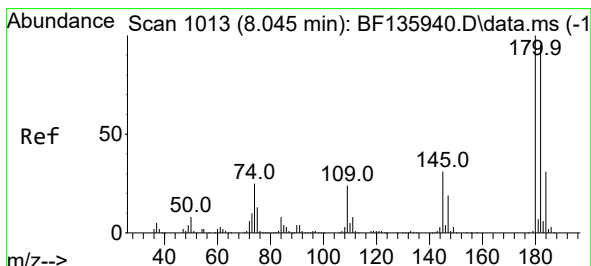
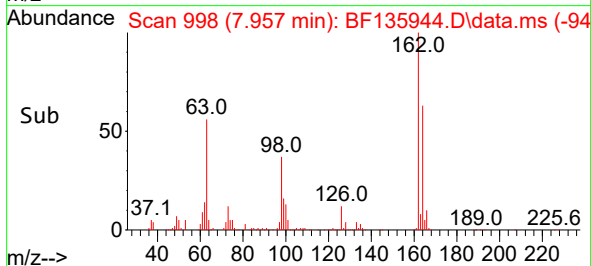
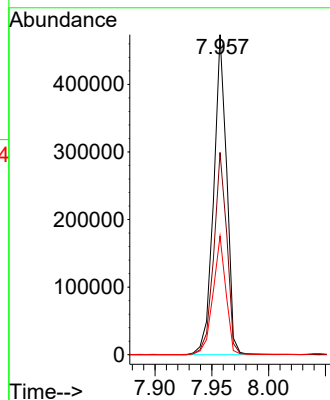
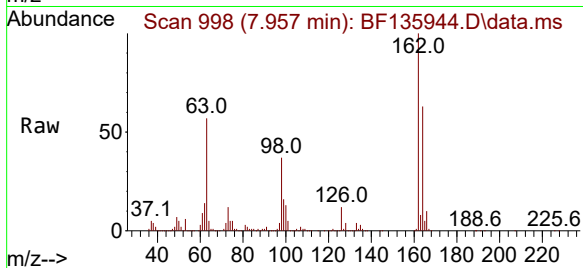




#29  
2,4-Dichlorophenol  
Concen: 43.092 ng  
RT: 7.957 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

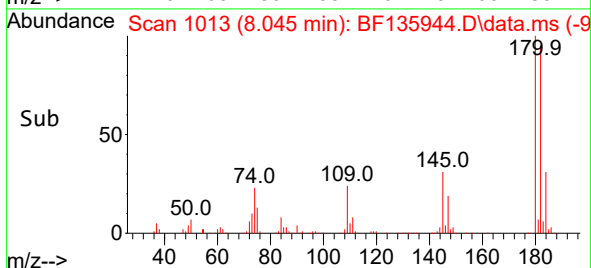
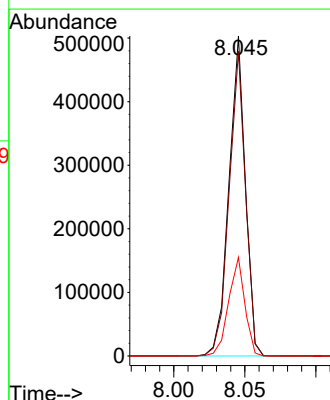
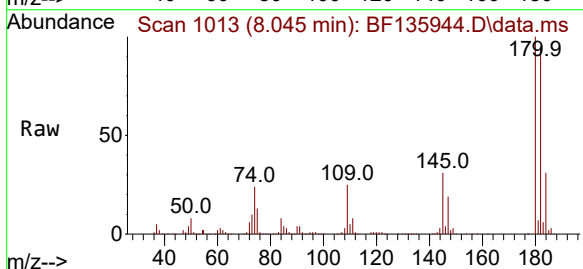
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

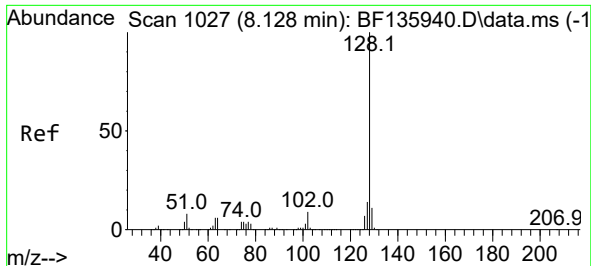
Tgt Ion:162 Resp: 376854  
Ion Ratio Lower Upper  
162 100  
164 63.2 43.7 83.7  
98 37.1 18.8 58.8



#30  
1,2,4-Trichlorobenzene  
Concen: 40.890 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:180 Resp: 404877  
Ion Ratio Lower Upper  
180 100  
182 95.2 76.0 114.0  
145 30.8 24.6 36.8

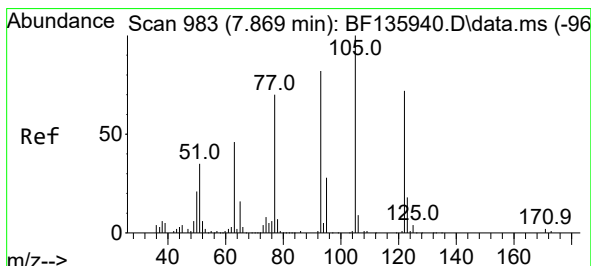
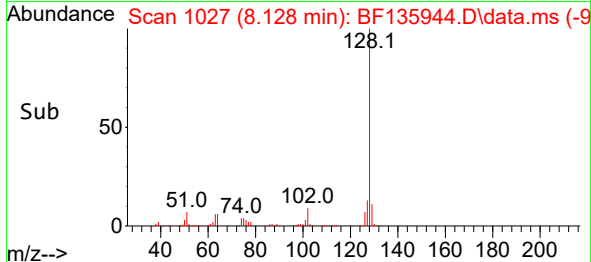
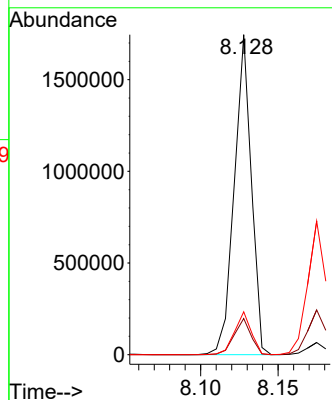
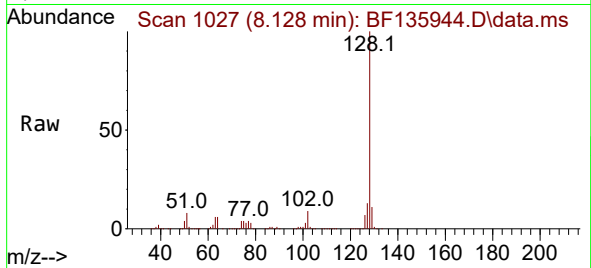




#31  
Naphthalene  
Concen: 40.787 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

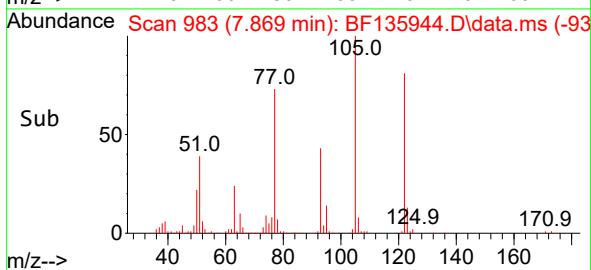
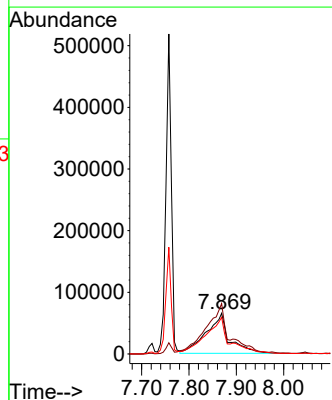
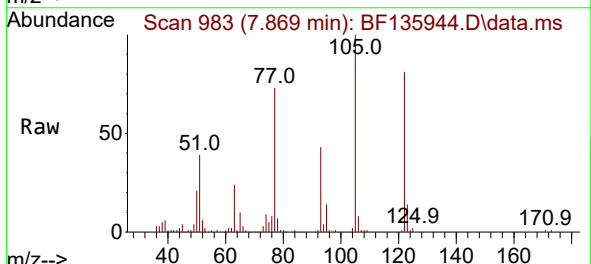
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

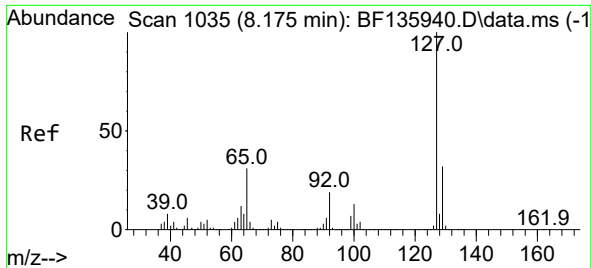
Tgt Ion:128 Resp: 1336810  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.4 10.9 16.3



#32  
Benzoic acid  
Concen: 47.600 ng  
RT: 7.869 min Scan# 983  
Delta R.T. -0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:122 Resp: 221113  
Ion Ratio Lower Upper  
122 100  
105 124.0 113.1 153.1  
77 90.1 75.2 115.2

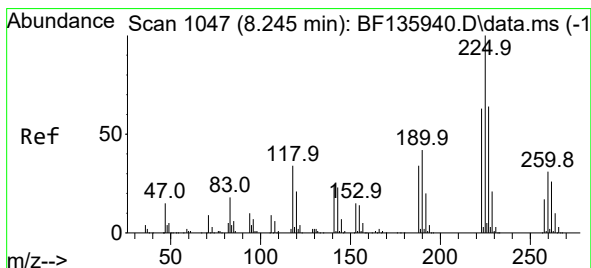
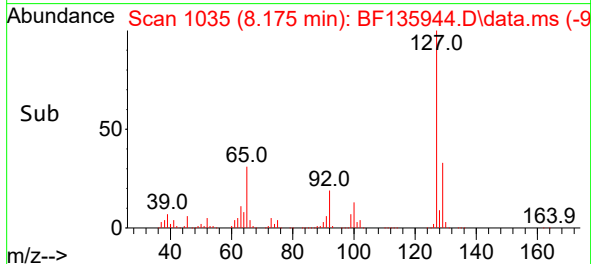
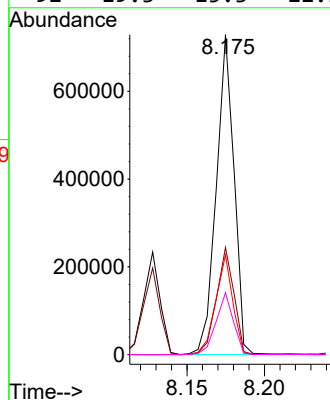
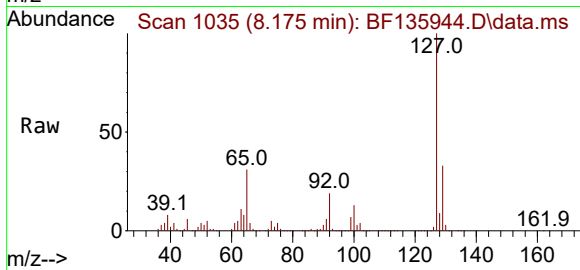




#33  
4-Chloroaniline  
Concen: 39.986 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

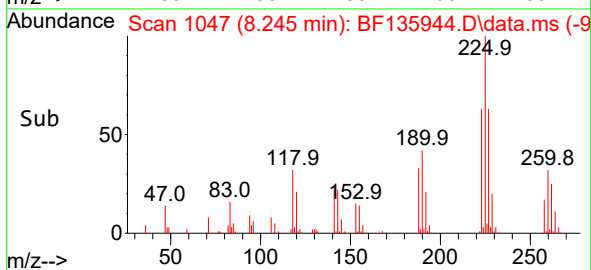
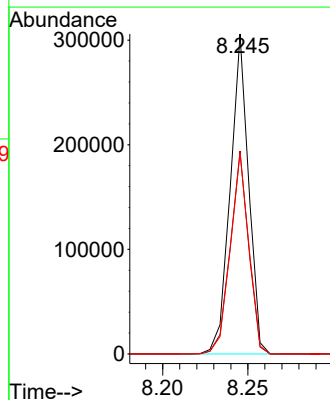
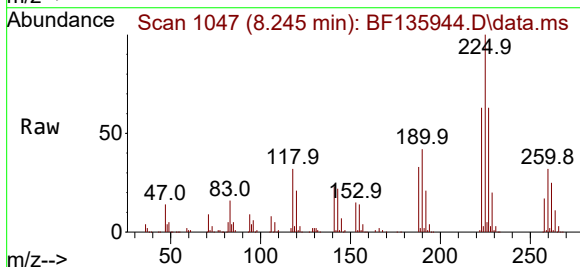
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

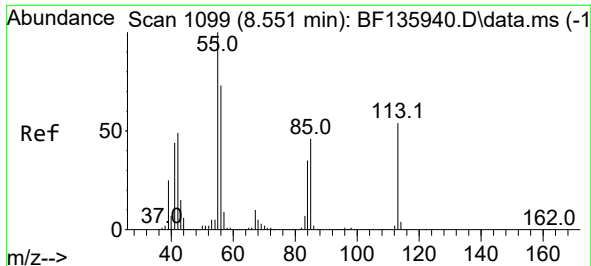
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 579243 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.5  | 25.7  | 38.5   |
| 65       | 31.2  | 24.8  | 37.2   |
| 92       | 19.3  | 15.3  | 22.9   |



#34  
Hexachlorobutadiene  
Concen: 40.983 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 228726 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.4  | 50.6  | 75.8   |
| 227      | 62.9  | 50.9  | 76.3   |

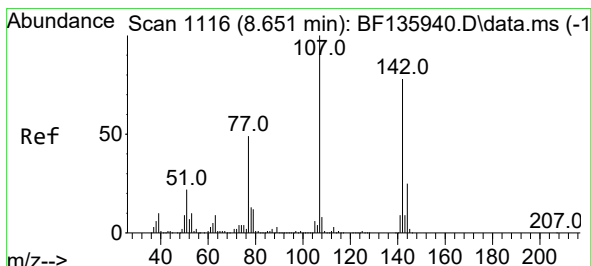
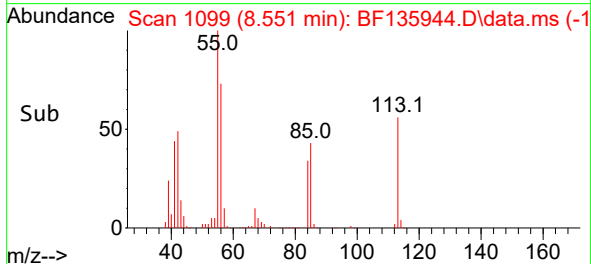
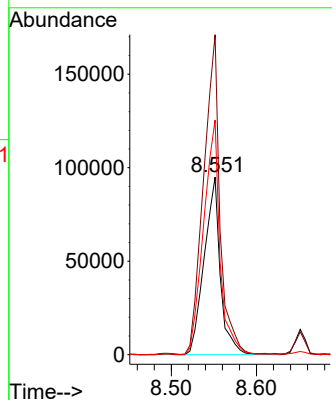
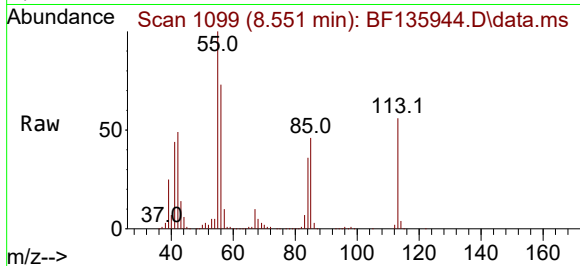




#35  
 Caprolactam  
 Concen: 42.877 ng  
 RT: 8.551 min Scan# 1099  
 Delta R.T. 0.000 min  
 Lab File: BF135944.D  
 Acq: 25 Oct 2023 16:49

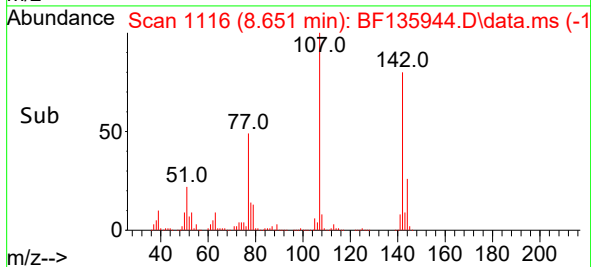
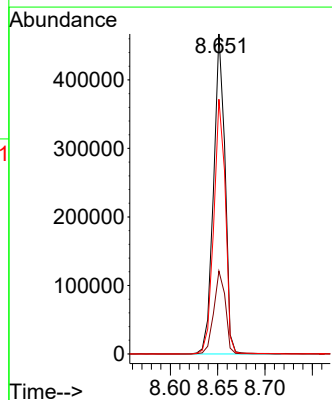
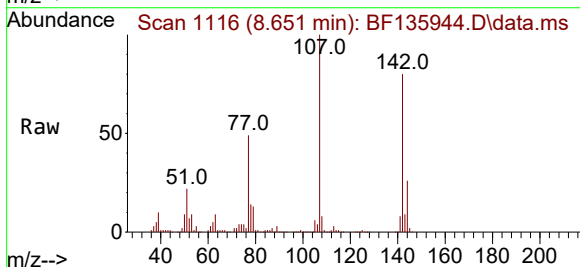
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF102523

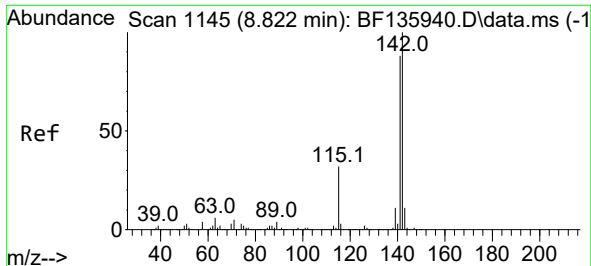
Tgt Ion:113 Resp: 124781  
 Ion Ratio Lower Upper  
 113 100  
 55 180.2 165.4 205.4  
 56 132.1 115.2 155.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.006 ng  
 RT: 8.651 min Scan# 1116  
 Delta R.T. 0.000 min  
 Lab File: BF135944.D  
 Acq: 25 Oct 2023 16:49

Tgt Ion:107 Resp: 390391  
 Ion Ratio Lower Upper  
 107 100  
 144 25.9 19.9 29.9  
 142 79.6 62.8 94.2

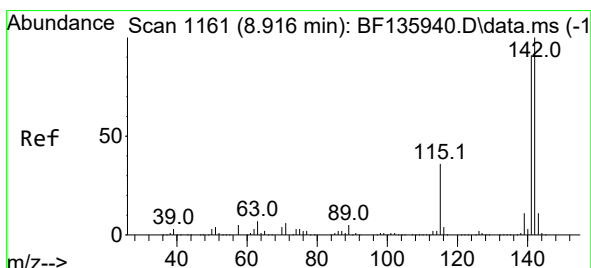
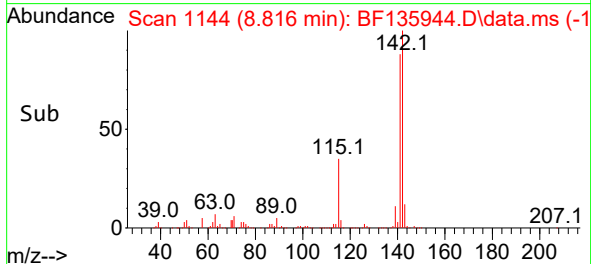
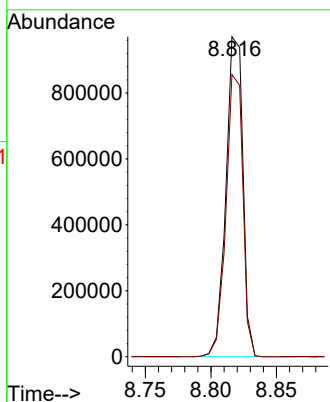
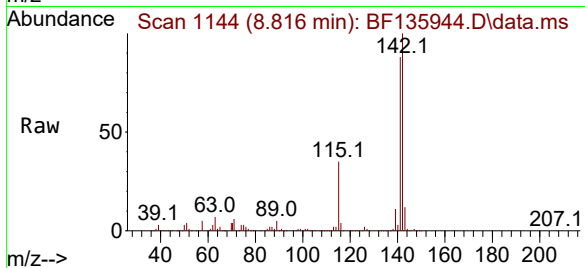




#37  
2-Methylnaphthalene  
Concen: 40.255 ng  
RT: 8.816 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

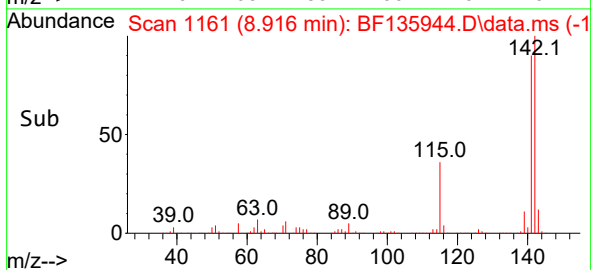
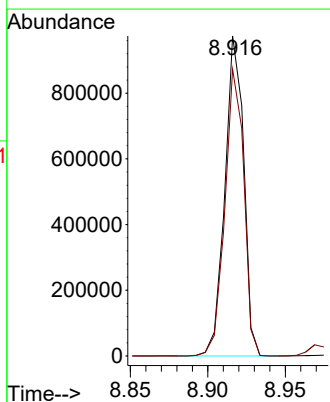
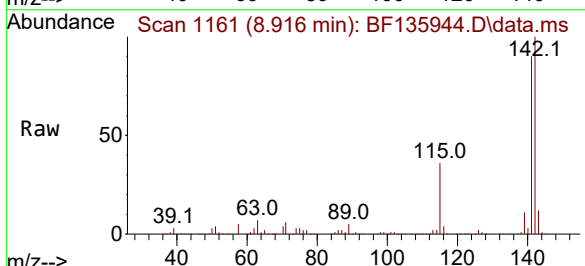
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

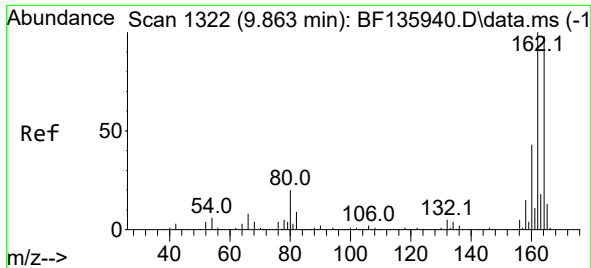
Tgt Ion:142 Resp: 872945  
Ion Ratio Lower Upper  
142 100  
141 88.1 70.4 105.6



#38  
1-Methylnaphthalene  
Concen: 40.634 ng  
RT: 8.916 min Scan# 1161  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:142 Resp: 823360  
Ion Ratio Lower Upper  
142 100  
141 89.6 73.1 109.7

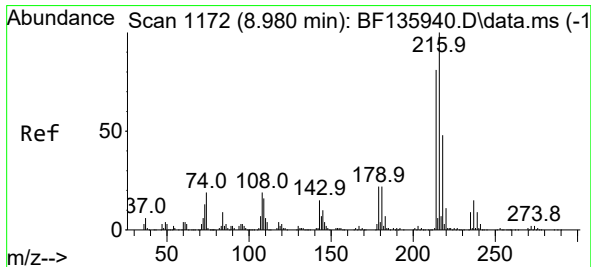
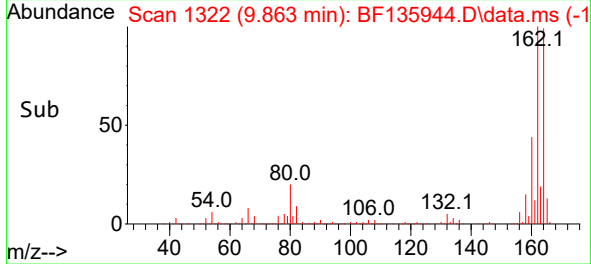
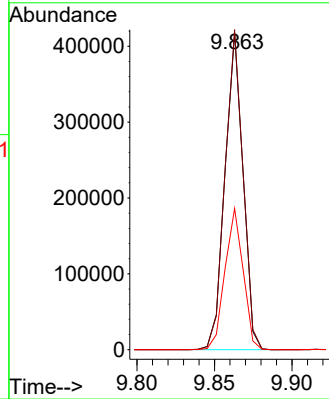
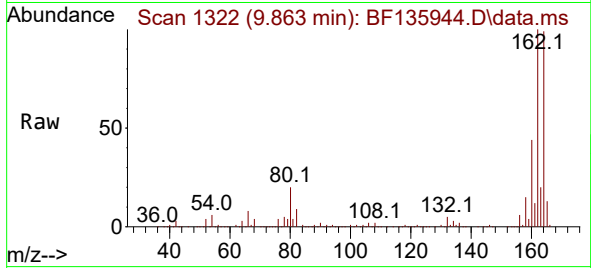




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

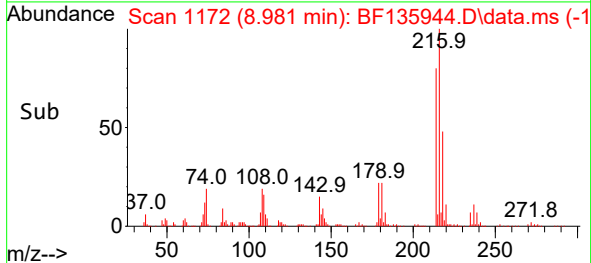
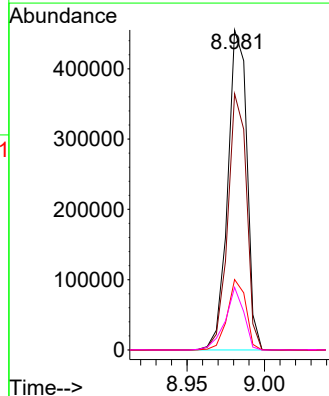
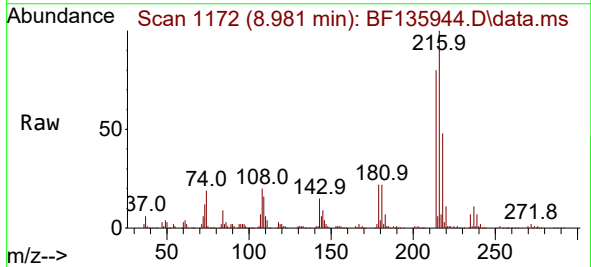
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

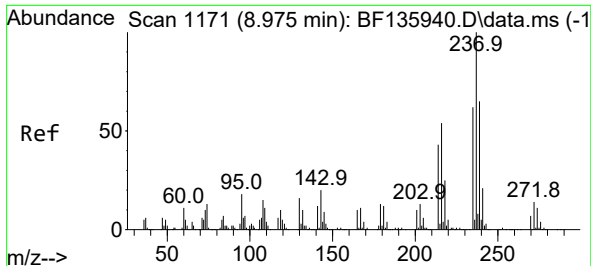
Tgt Ion:164 Resp: 338239  
Ion Ratio Lower Upper  
164 100  
162 101.1 82.0 123.0  
160 44.6 35.6 53.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.048 ng  
RT: 8.981 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:216 Resp: 392141  
Ion Ratio Lower Upper  
216 100  
214 78.2 63.3 94.9  
179 21.2 17.3 25.9  
108 18.9 15.2 22.8

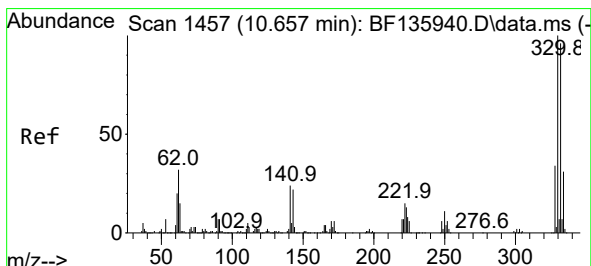
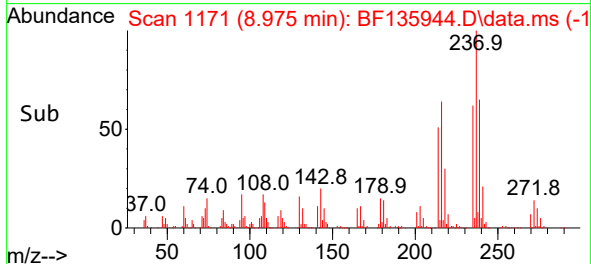
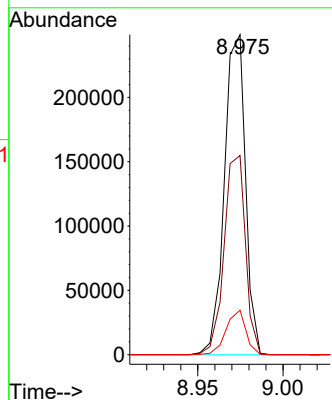
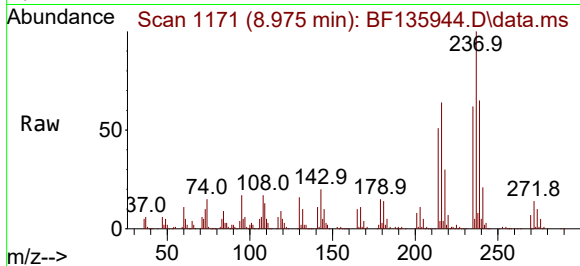




#41  
Hexachlorocyclopentadiene  
Concen: 45.505 ng  
RT: 8.975 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

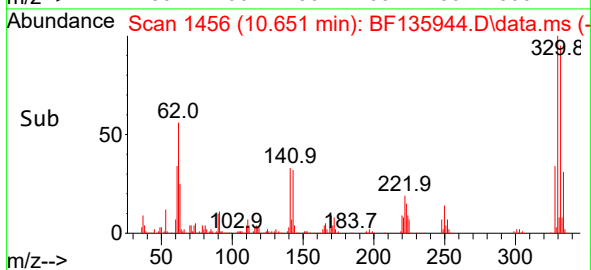
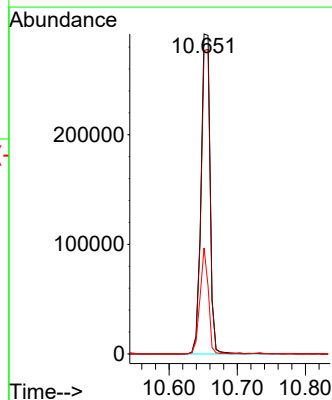
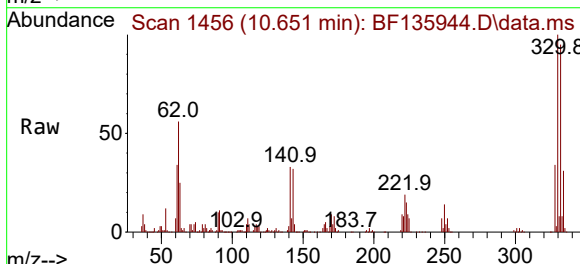
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

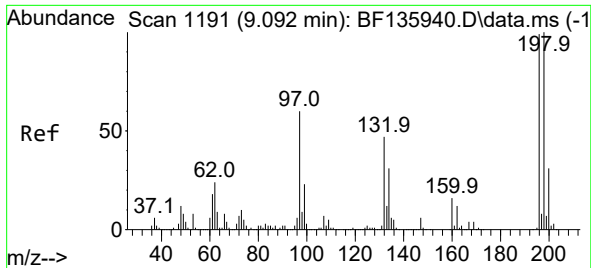
Tgt Ion:237 Resp: 214355  
Ion Ratio Lower Upper  
237 100  
235 62.2 41.7 81.7  
272 13.9 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 91.864 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. -0.006 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:330 Resp: 271973  
Ion Ratio Lower Upper  
330 100  
332 95.0 77.4 116.2  
141 30.1 24.9 37.3

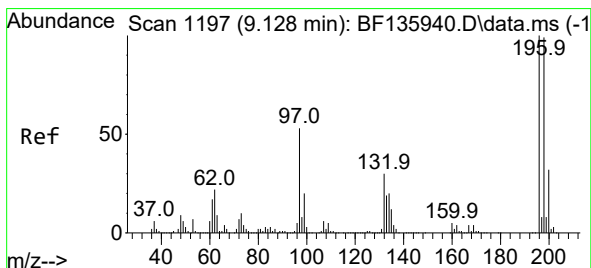
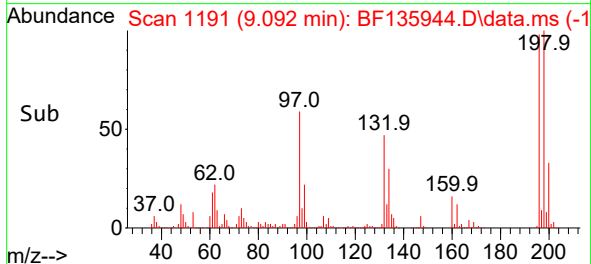
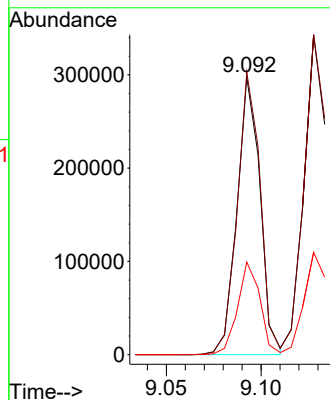
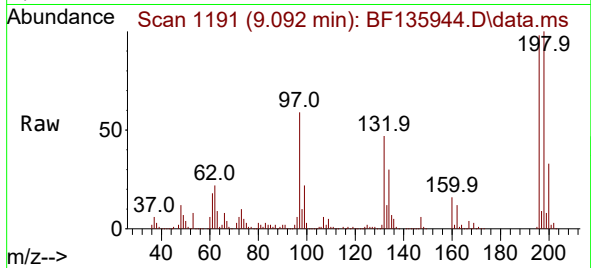




#43  
 2,4,6-Trichlorophenol  
 Concen: 44.859 ng  
 RT: 9.092 min Scan# 1191  
 Delta R.T. 0.000 min  
 Lab File: BF135944.D  
 Acq: 25 Oct 2023 16:49

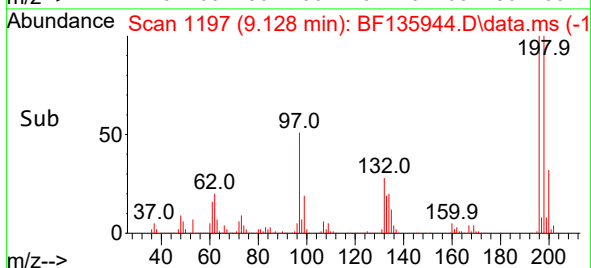
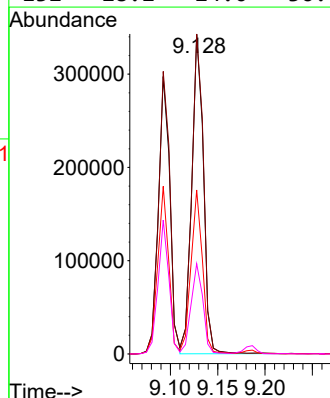
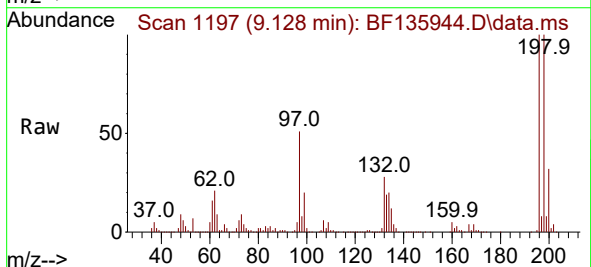
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF102523

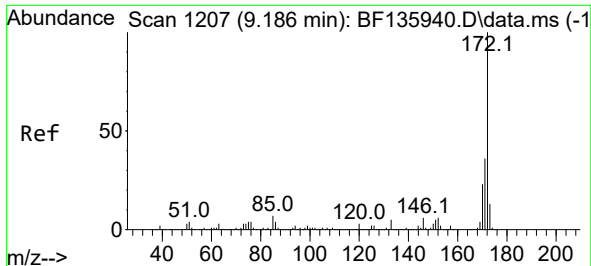
Tgt Ion:196 Resp: 250827  
 Ion Ratio Lower Upper  
 196 100  
 198 101.8 81.0 121.4  
 200 33.4 25.4 38.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.277 ng  
 RT: 9.128 min Scan# 1197  
 Delta R.T. 0.000 min  
 Lab File: BF135944.D  
 Acq: 25 Oct 2023 16:49

Tgt Ion:196 Resp: 293944  
 Ion Ratio Lower Upper  
 196 100  
 198 100.1 79.1 118.7  
 97 51.3 42.3 63.5  
 132 28.2 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 78.709 ng

RT: 9.187 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

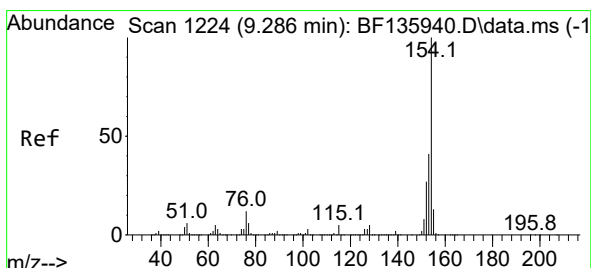
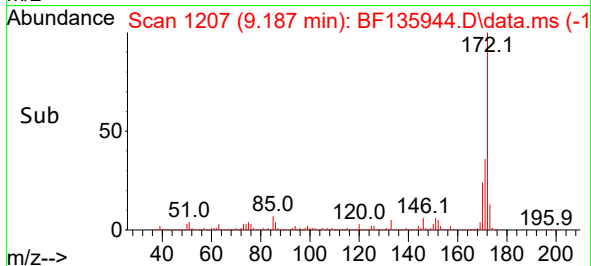
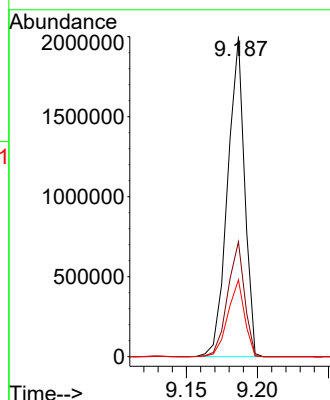
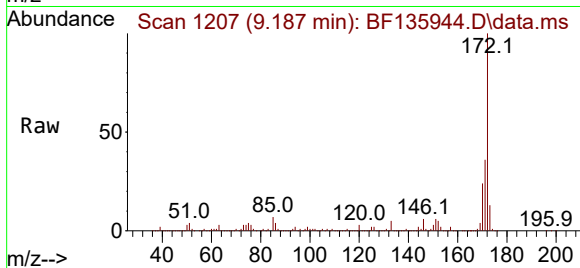
Tgt Ion:172 Resp: 1662601

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.0 18.6 28.0



#46

1,1'-Biphenyl

Concen: 40.981 ng

RT: 9.287 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

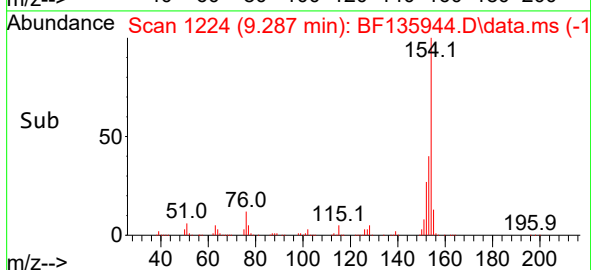
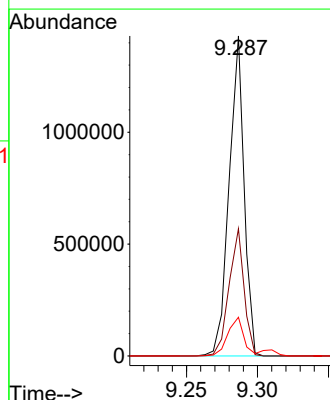
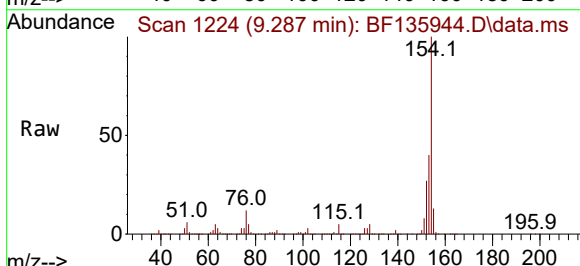
Tgt Ion:154 Resp: 1050319

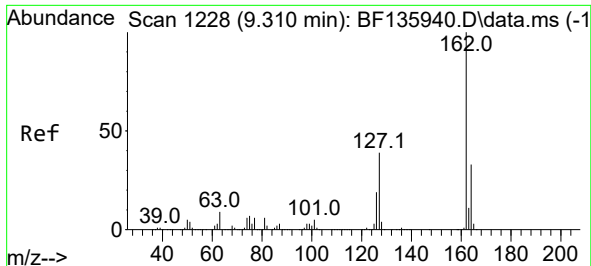
Ion Ratio Lower Upper

154 100

153 39.7 20.7 60.7

76 12.1 0.0 32.4





#47

2-Chloronaphthalene

Concen: 40.904 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

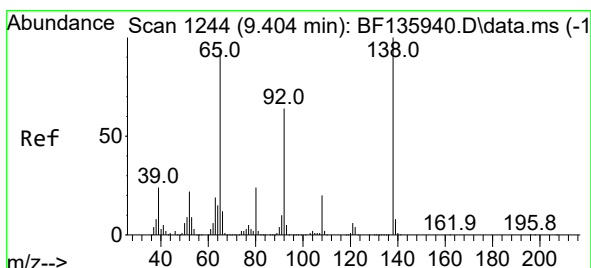
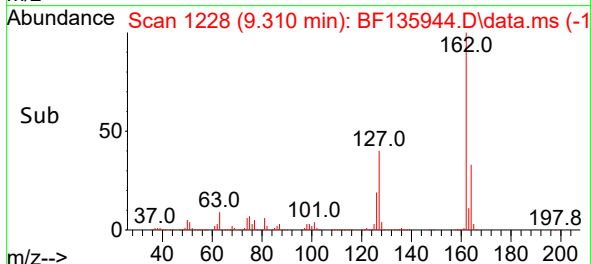
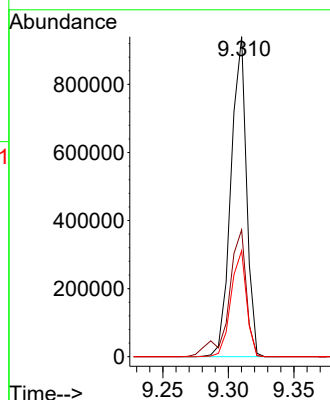
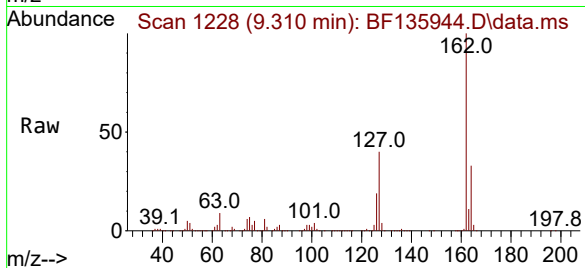
Tgt Ion:162 Resp: 775425

Ion Ratio Lower Upper

162 100

127 39.7 31.0 46.4

164 33.1 26.6 39.8



#48

2-Nitroaniline

Concen: 45.531 ng

RT: 9.404 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

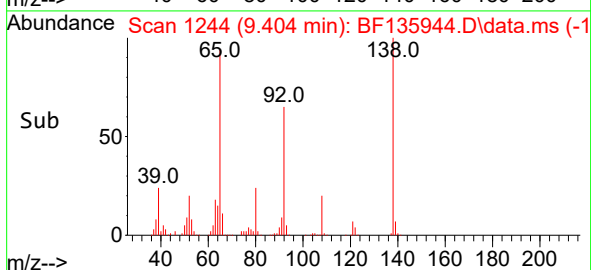
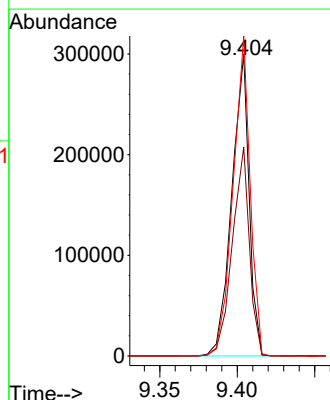
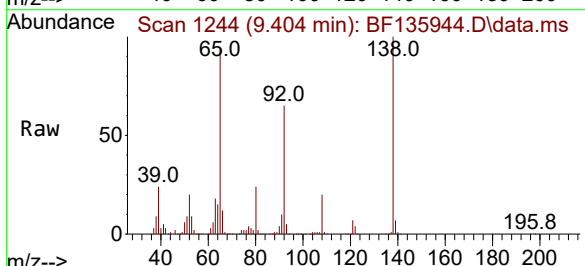
Tgt Ion: 65 Resp: 232404

Ion Ratio Lower Upper

65 100

92 69.1 54.9 82.3

138 105.9 85.2 127.8





#49

Acenaphthylene

Concen: 41.052 ng

RT: 9.728 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

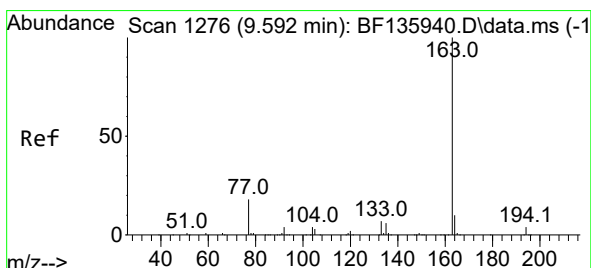
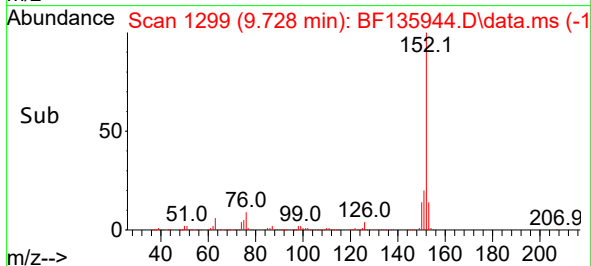
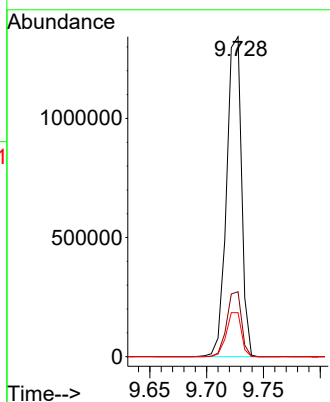
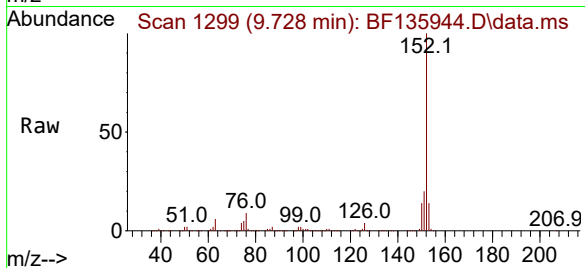
Tgt Ion:152 Resp: 1227734

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.7 11.0 16.6



#50

Dimethylphthalate

Concen: 40.791 ng

RT: 9.592 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

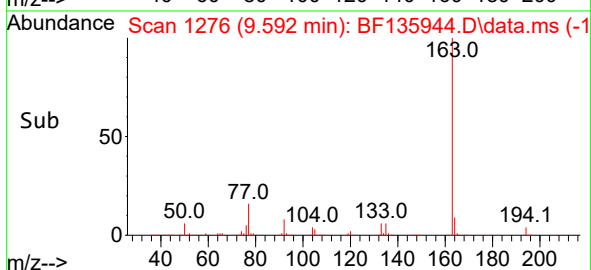
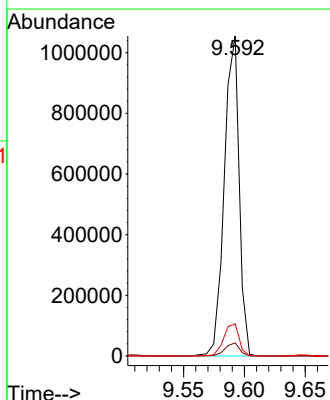
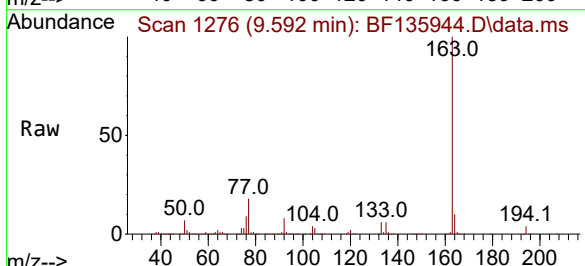
Tgt Ion:163 Resp: 894738

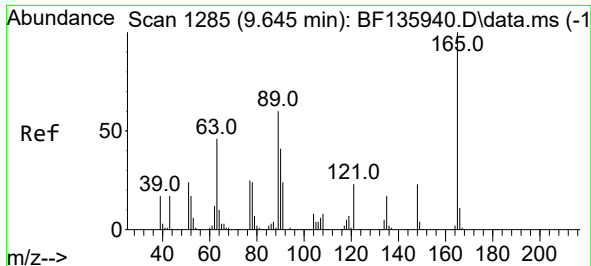
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 42.533 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

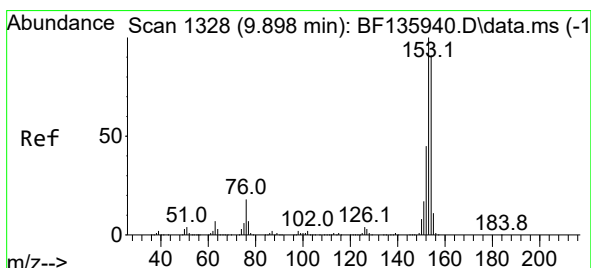
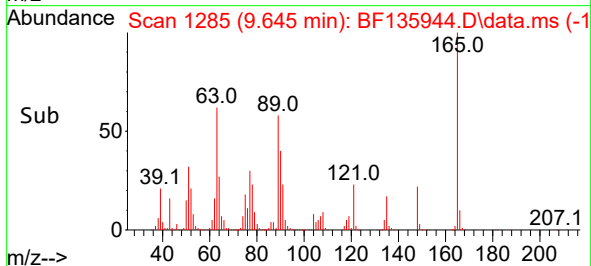
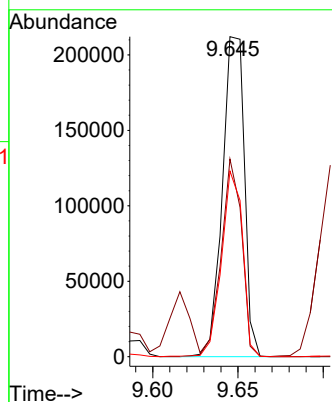
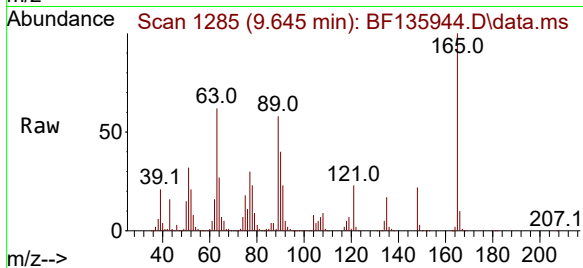
Tgt Ion:165 Resp: 190612

Ion Ratio Lower Upper

165 100

63 61.7 51.7 77.5

89 58.0 48.3 72.5



#52

Acenaphthene

Concen: 41.420 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

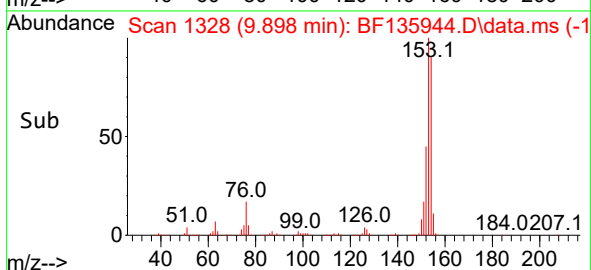
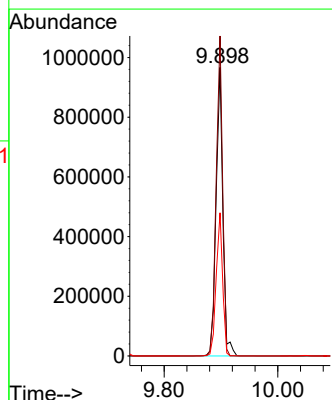
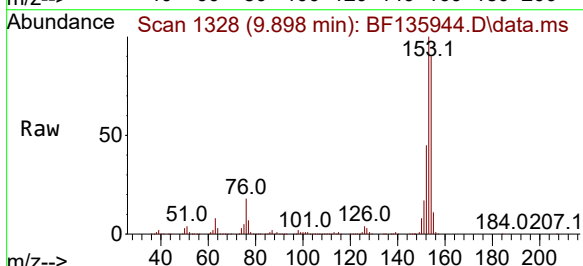
Tgt Ion:154 Resp: 793868

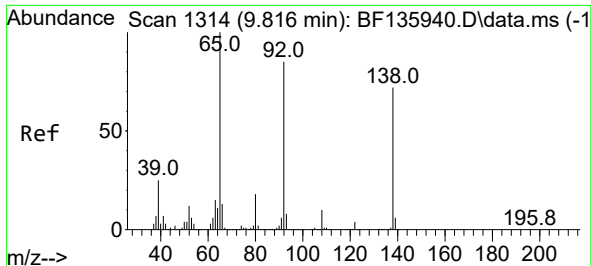
Ion Ratio Lower Upper

154 100

153 110.9 88.0 132.0

152 49.6 39.4 59.2

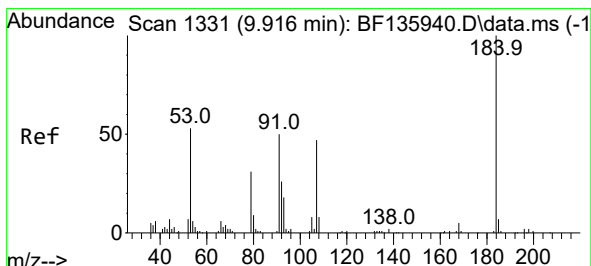
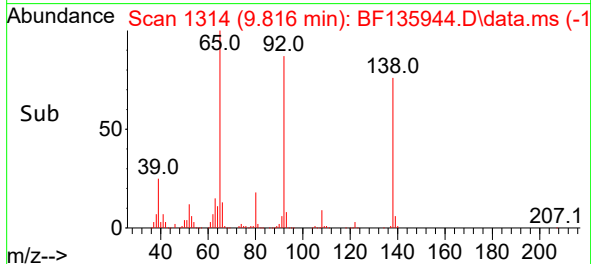
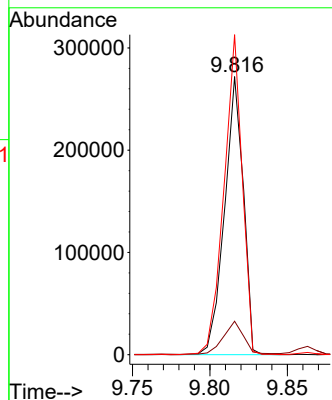
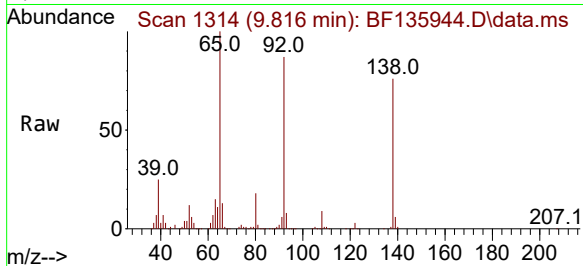




#53  
3-Nitroaniline  
Concen: 42.699 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

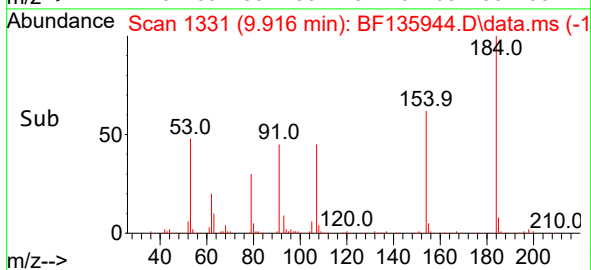
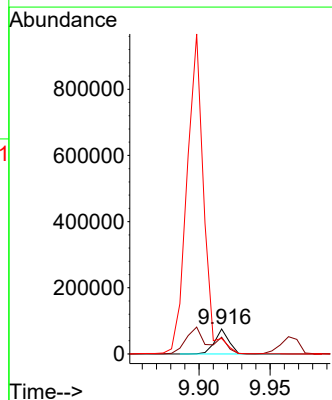
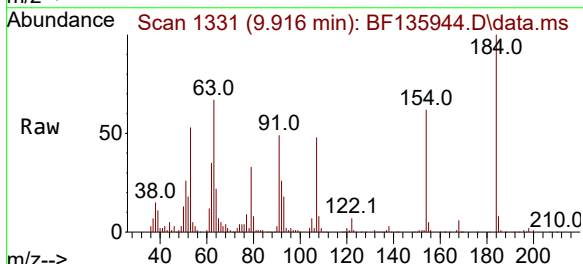
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

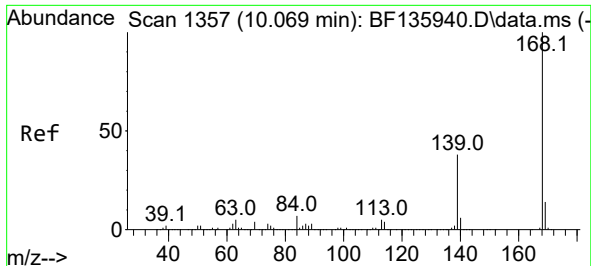
Tgt Ion:138 Resp: 229309  
Ion Ratio Lower Upper  
138 100  
108 12.0 11.3 16.9  
92 115.1 95.0 142.6



#54  
2,4-Dinitrophenol  
Concen: 47.214 ng  
RT: 9.916 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:184 Resp: 51760  
Ion Ratio Lower Upper  
184 100  
63 67.2 56.3 84.5  
154 62.2 48.1 72.1

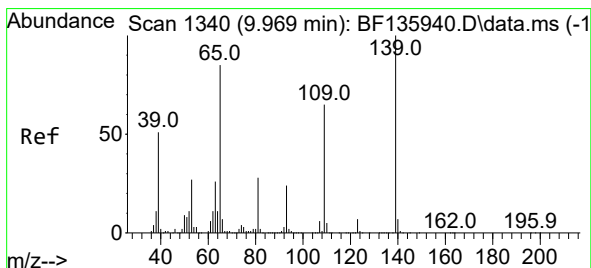
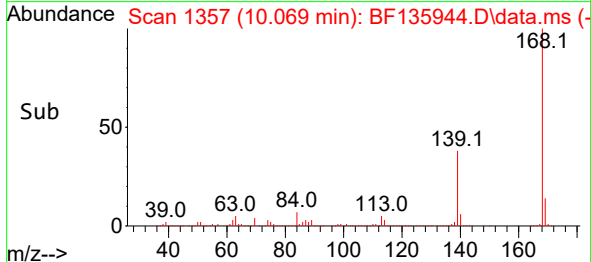
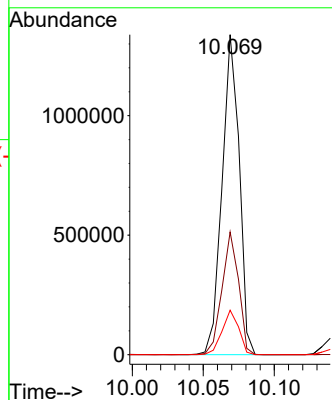
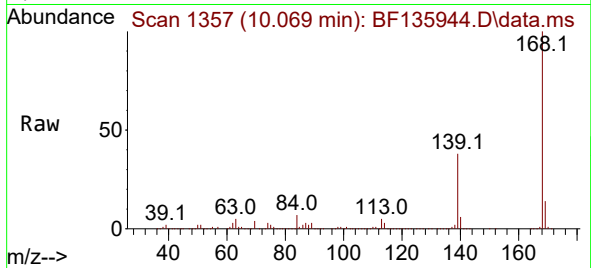




#55  
Dibenzenofuran  
Concen: 40.459 ng  
RT: 10.069 min Scan# 1357  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

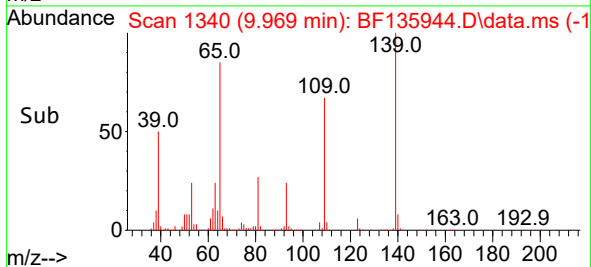
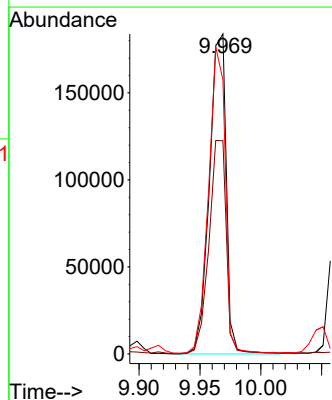
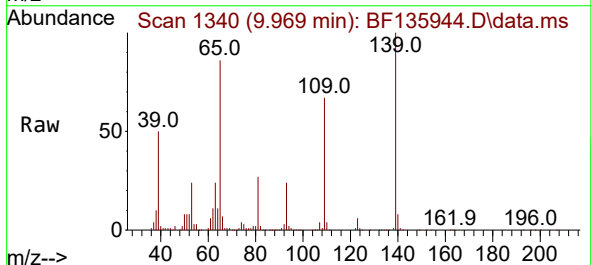
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

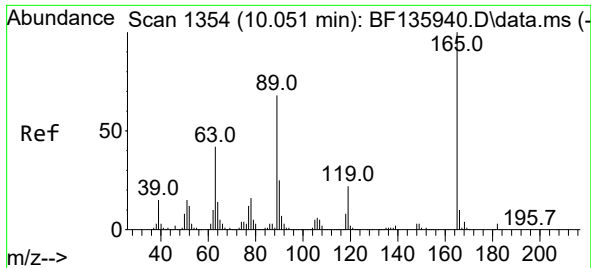
Tgt Ion:168 Resp: 1120251  
Ion Ratio Lower Upper  
168 100  
139 38.3 30.7 46.1  
169 13.9 11.1 16.7



#56  
4-Nitrophenol  
Concen: 43.018 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:139 Resp: 176640  
Ion Ratio Lower Upper  
139 100  
109 66.7 45.2 85.2  
65 85.7 65.1 105.1

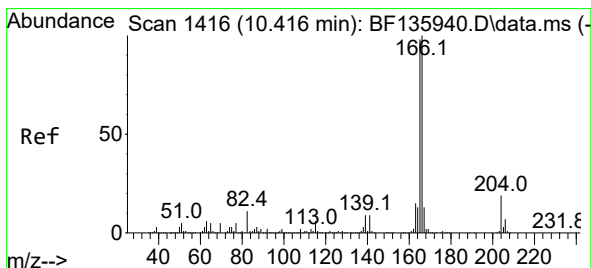
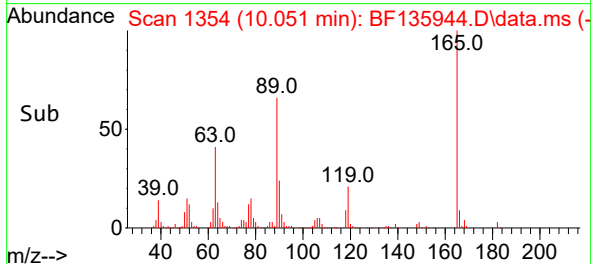
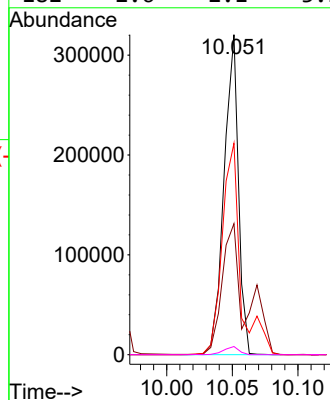
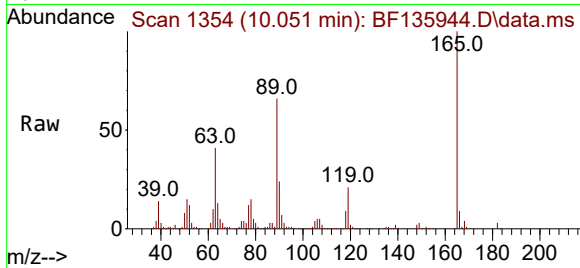




#57  
2,4-Dinitrotoluene  
Concen: 43.871 ng  
RT: 10.051 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

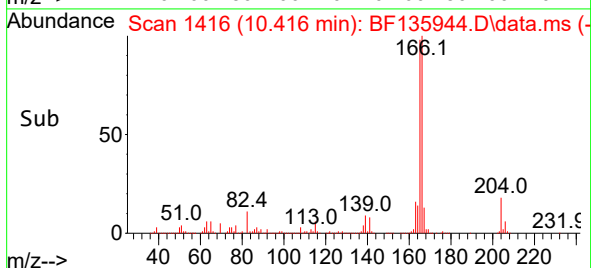
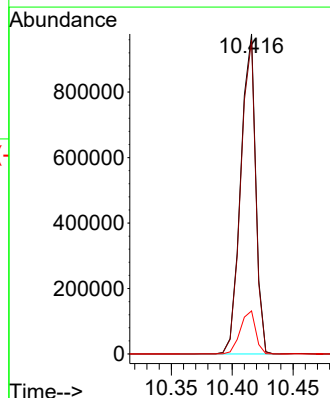
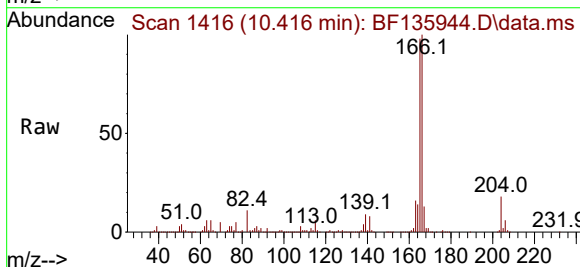
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

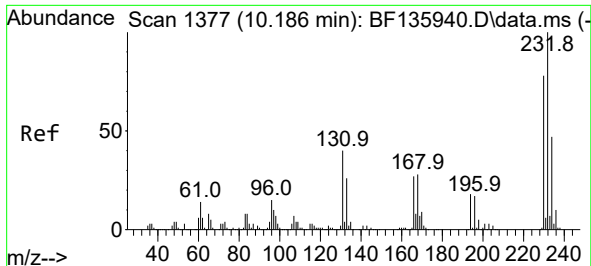
Tgt Ion:165 Resp: 243734  
Ion Ratio Lower Upper  
165 100  
63 40.9 33.7 50.5  
89 66.1 54.6 81.8  
182 2.6 2.1 3.1



#58  
Fluorene  
Concen: 40.219 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:166 Resp: 833143  
Ion Ratio Lower Upper  
166 100  
165 98.1 78.0 117.0  
167 13.4 10.6 16.0

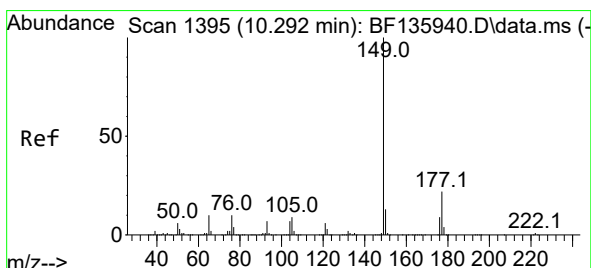
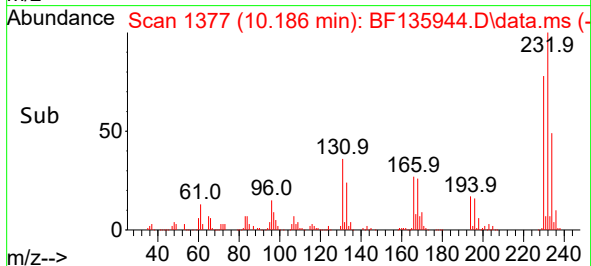
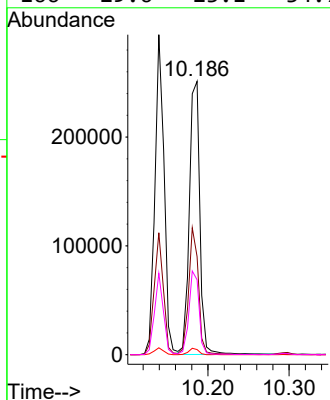
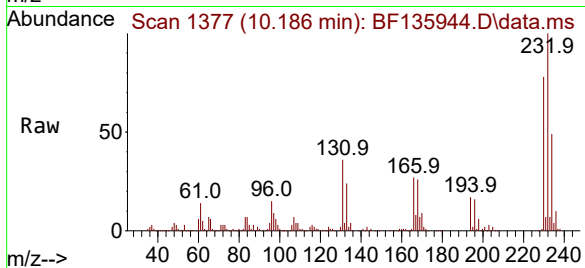




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.364 ng  
RT: 10.186 min Scan# 1377  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

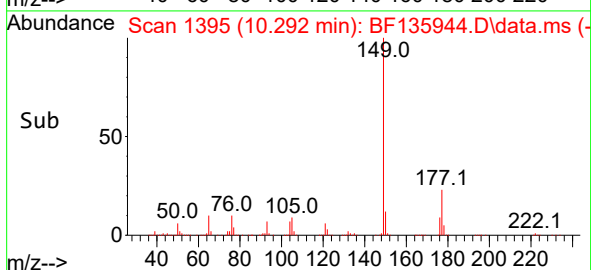
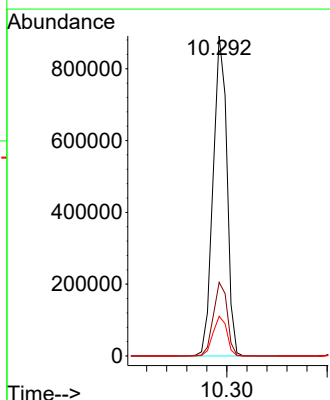
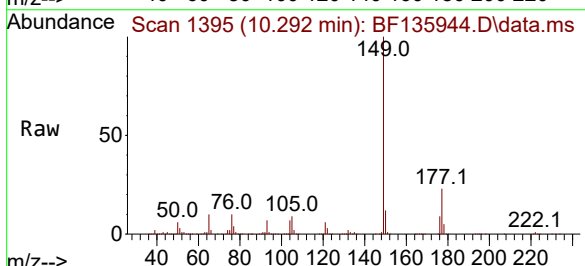
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

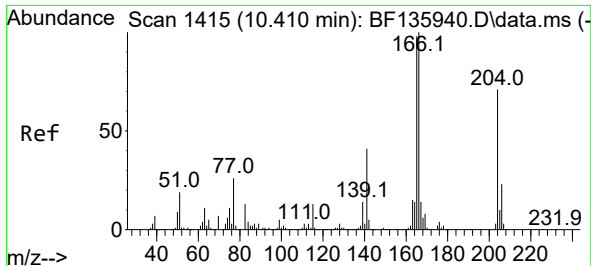
Tgt Ion:232 Resp: 226620  
Ion Ratio Lower Upper  
232 100  
131 42.7 35.2 52.8  
130 2.2 1.7 2.5  
166 29.6 23.1 34.7



#60  
Diethylphthalate  
Concen: 40.737 ng  
RT: 10.292 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:149 Resp: 852072  
Ion Ratio Lower Upper  
149 100  
177 23.0 17.9 26.9  
150 12.4 10.2 15.2

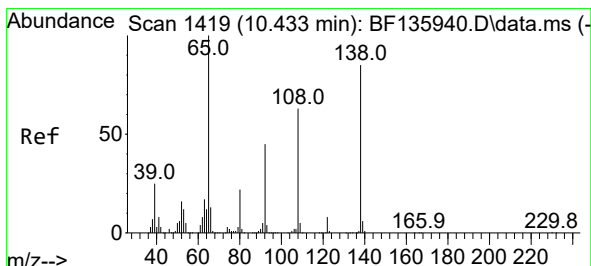
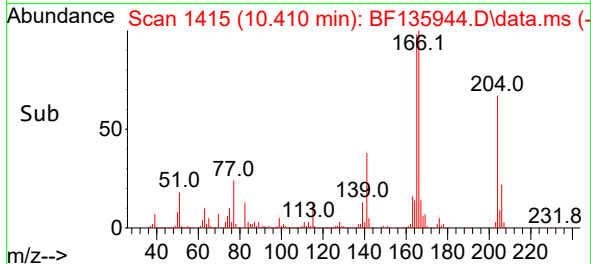
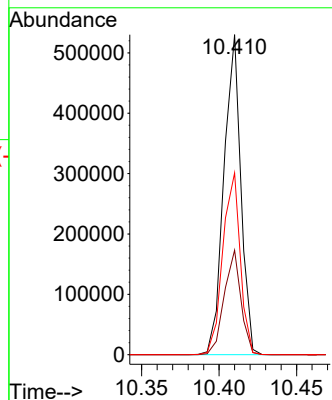
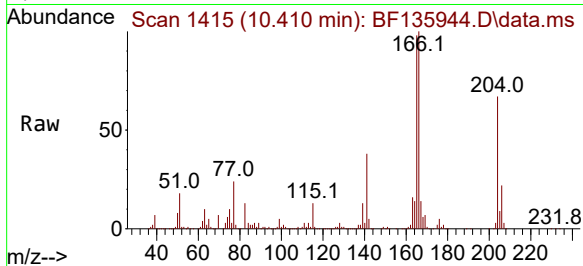




#61  
4-Chlorophenyl-phenylether  
Concen: 40.344 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

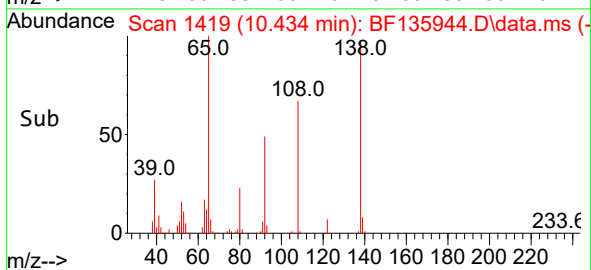
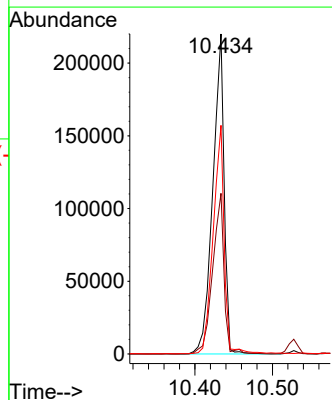
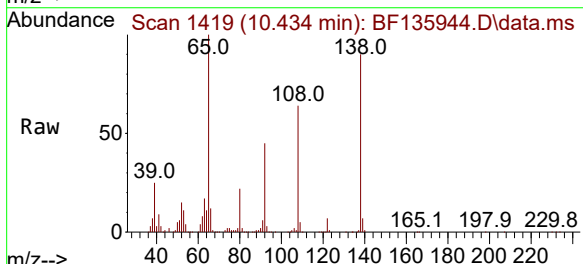
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

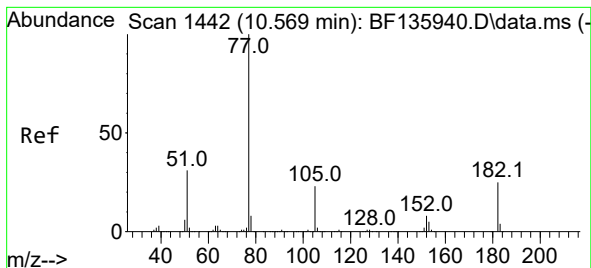
Tgt Ion:204 Resp: 403141  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.4 39.6  
141 56.8 46.2 69.2



#62  
4-Nitroaniline  
Concen: 42.172 ng  
RT: 10.434 min Scan# 1419  
Delta R.T. 0.001 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:138 Resp: 223846  
Ion Ratio Lower Upper  
138 100  
92 50.2 32.9 72.9  
108 71.5 53.5 93.5





#63

Azobenzene

Concen: 40.507 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

Tgt Ion: 77 Resp: 859828

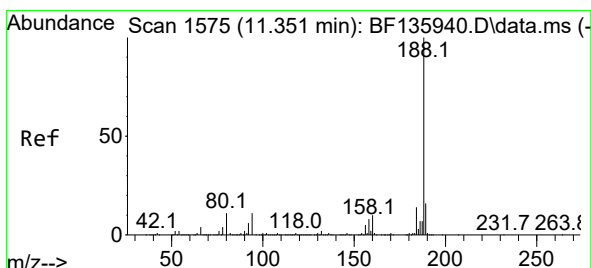
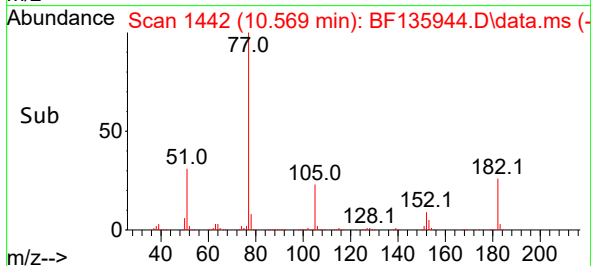
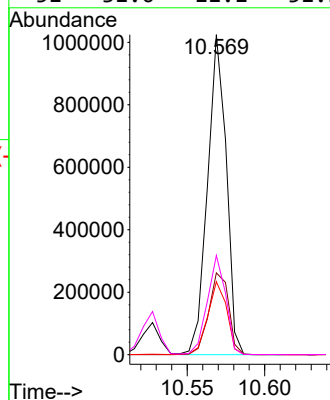
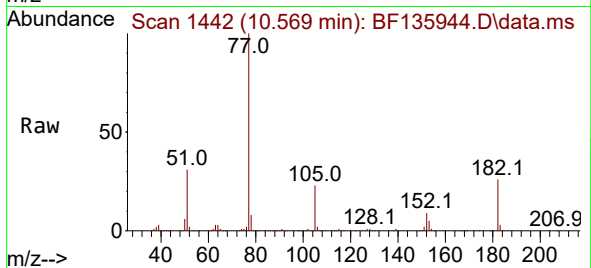
Ion Ratio Lower Upper

77 100

182 25.5 5.1 45.1

105 22.8 2.8 42.8

51 31.0 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

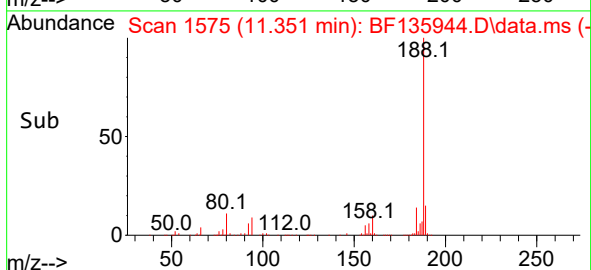
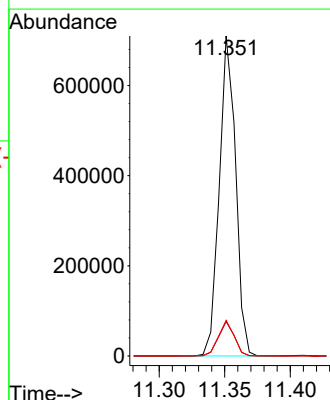
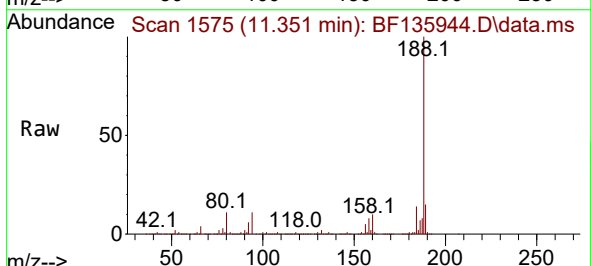
Tgt Ion: 188 Resp: 613544

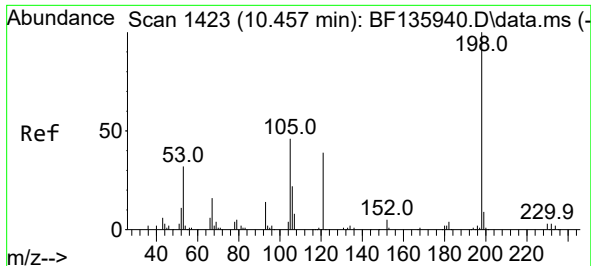
Ion Ratio Lower Upper

188 100

94 10.7 8.6 13.0

80 11.1 9.0 13.6

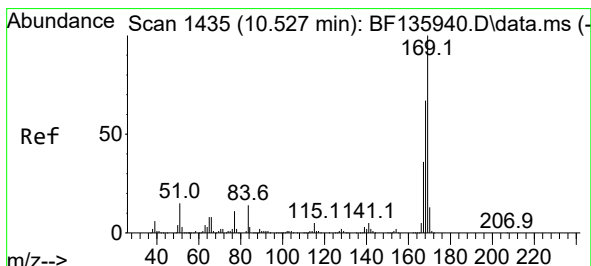
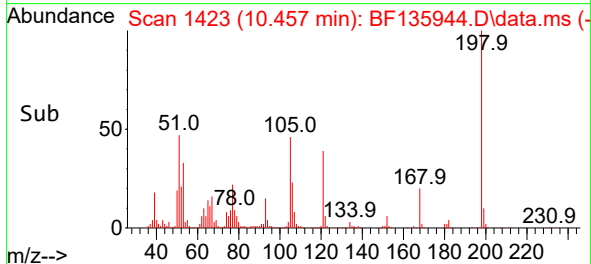
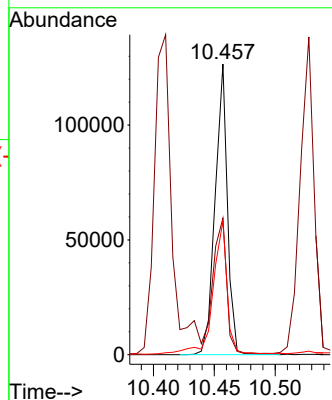
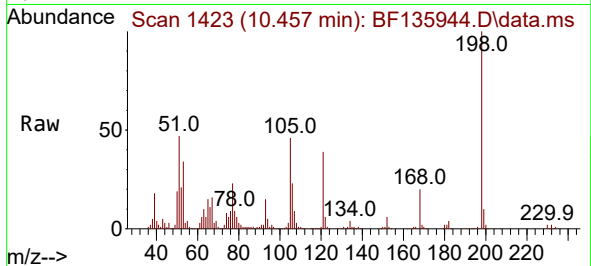




#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.111 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

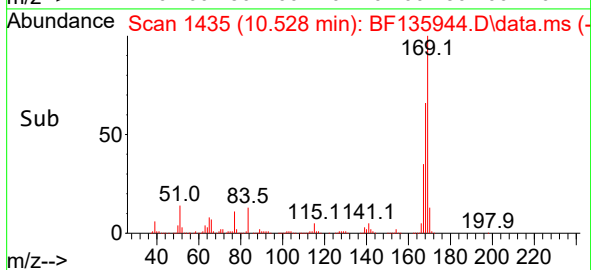
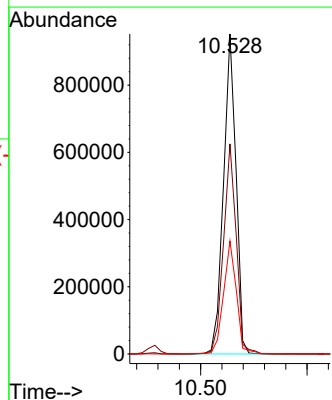
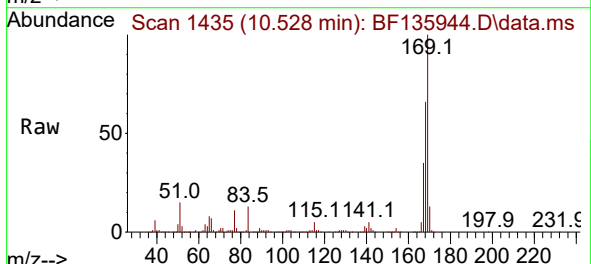
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

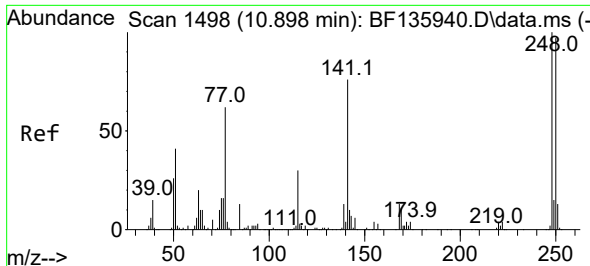
Tgt Ion:198 Resp: 89268  
Ion Ratio Lower Upper  
198 100  
51 47.0 28.7 68.7  
105 46.0 27.2 67.2



#66  
n-Nitrosodiphenylamine  
Concen: 41.669 ng  
RT: 10.528 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:169 Resp: 772338  
Ion Ratio Lower Upper  
169 100  
168 65.7 53.5 80.3  
167 35.3 29.0 43.4

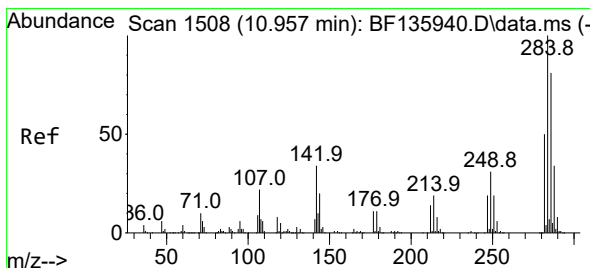
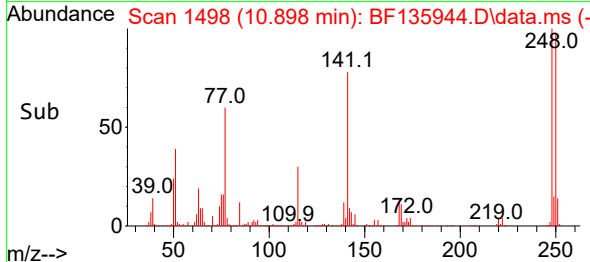
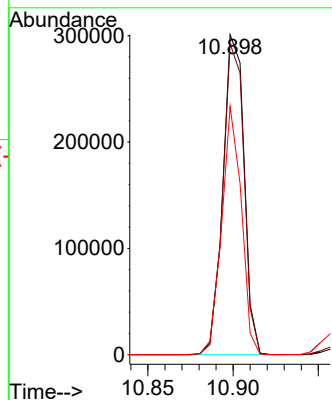
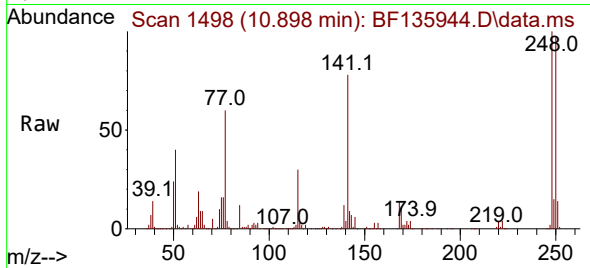




#67  
4-Bromophenyl-phenylether  
Concen: 41.570 ng  
RT: 10.898 min Scan# 1498  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

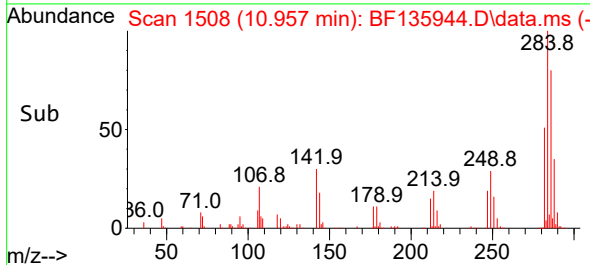
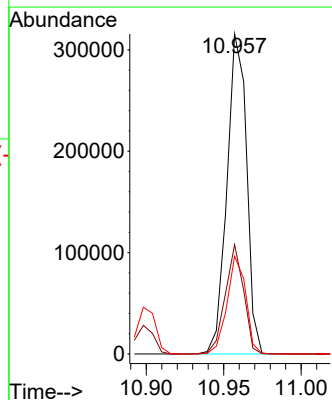
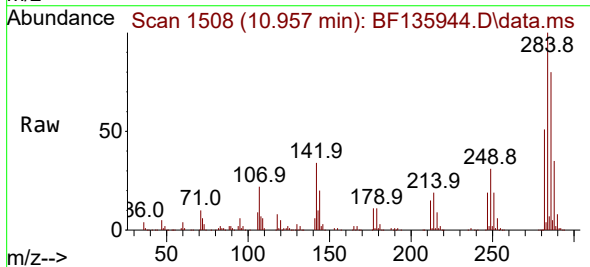
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

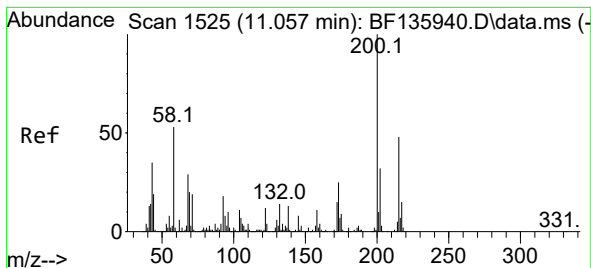
Tgt Ion:248 Resp: 261199  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.9 116.9  
141 77.6 60.8 91.2



#68  
Hexachlorobenzene  
Concen: 41.455 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:284 Resp: 278249  
Ion Ratio Lower Upper  
284 100  
142 34.1 27.6 41.4  
249 30.5 24.7 37.1





#69

Atrazine

Concen: 40.626 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

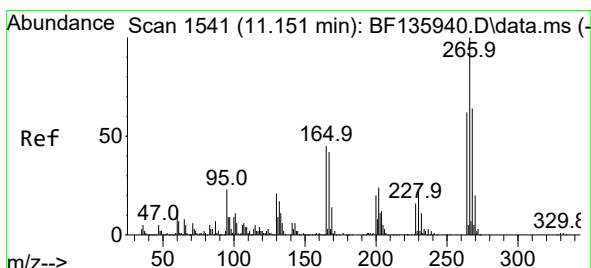
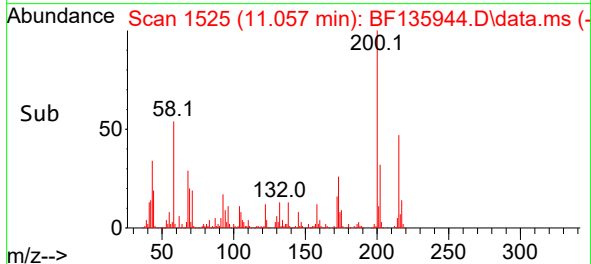
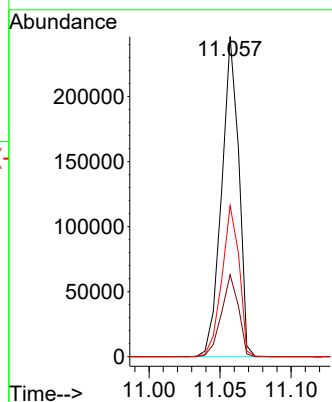
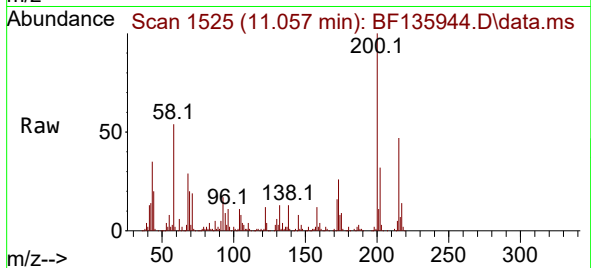
Tgt Ion:200 Resp: 205278

Ion Ratio Lower Upper

200 100

173 25.6 5.5 45.5

215 47.2 27.5 67.5



#70

Pentachlorophenol

Concen: 43.464 ng

RT: 11.151 min Scan# 1541

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

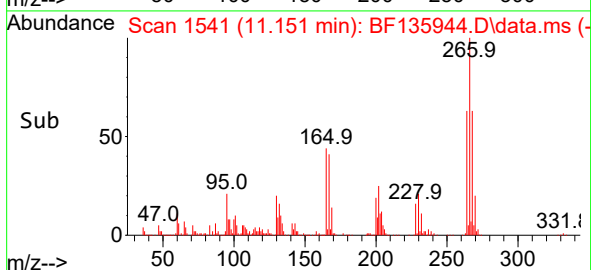
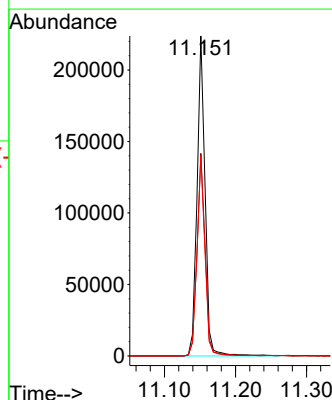
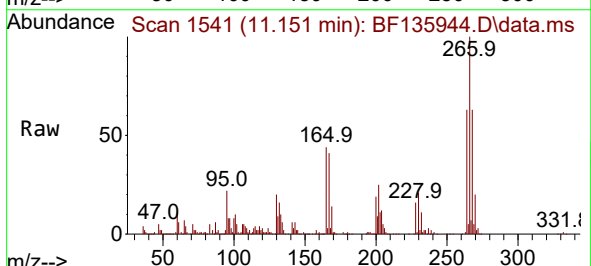
Tgt Ion:266 Resp: 176303

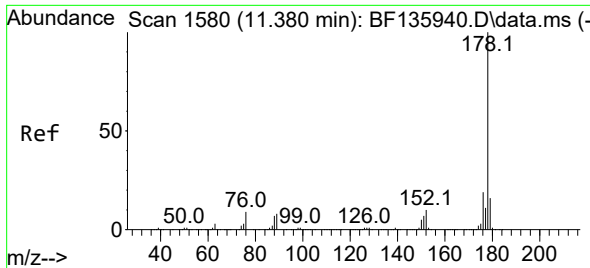
Ion Ratio Lower Upper

266 100

268 63.3 50.8 76.2

264 62.5 49.8 74.6

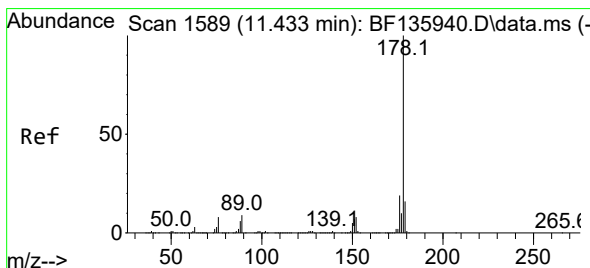
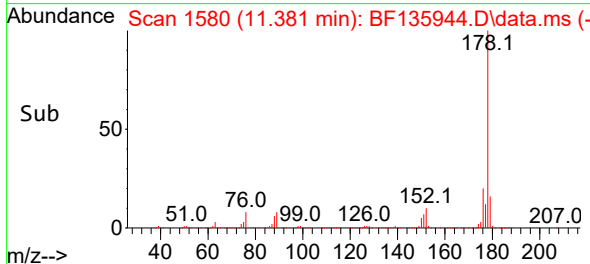
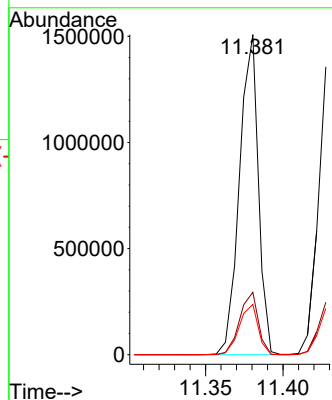
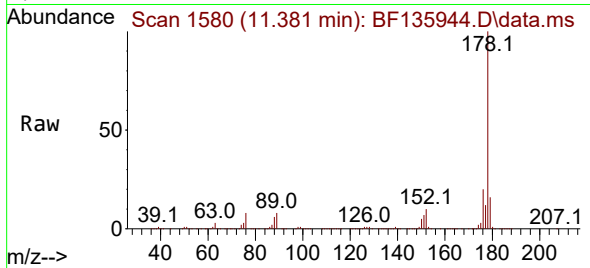




#71  
Phenanthrene  
Concen: 41.083 ng  
RT: 11.381 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

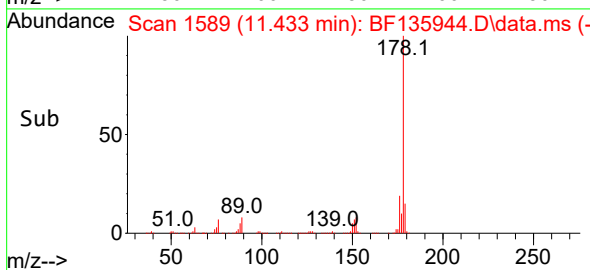
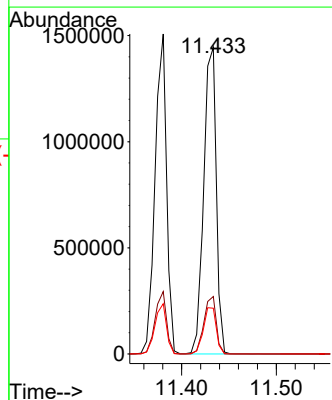
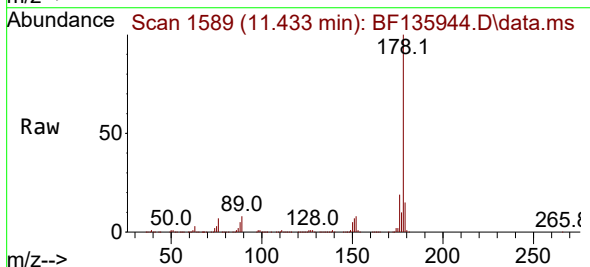
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

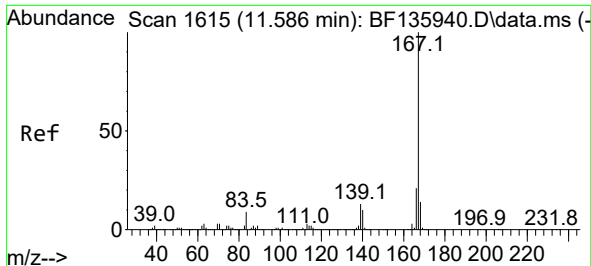
Tgt Ion:178 Resp: 1275237  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.2  
179 15.7 12.5 18.7



#72  
Anthracene  
Concen: 42.002 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:178 Resp: 1334972  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.9 22.3  
179 15.0 12.5 18.7

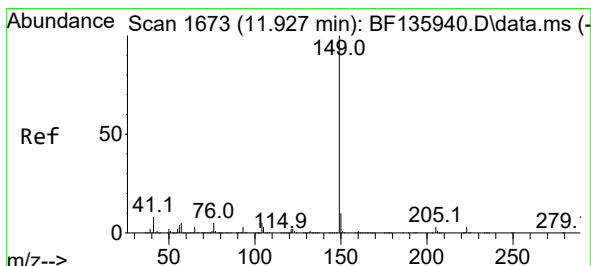
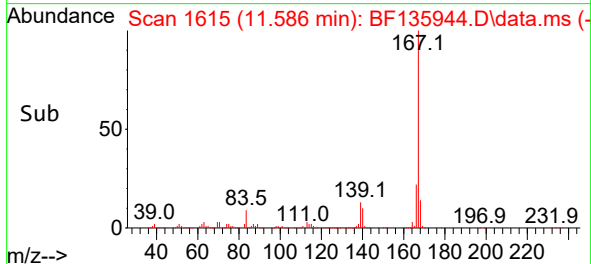
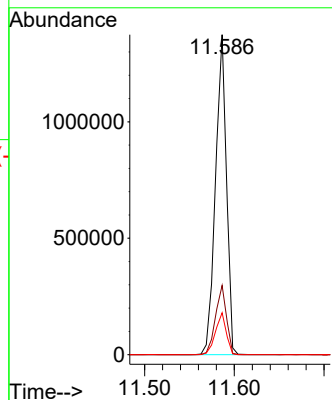
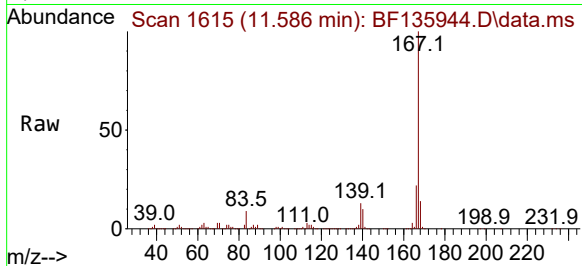




#73  
 Carbazole  
 Concen: 41.147 ng  
 RT: 11.586 min Scan# 1615  
 Delta R.T. 0.000 min  
 Lab File: BF135944.D  
 Acq: 25 Oct 2023 16:49

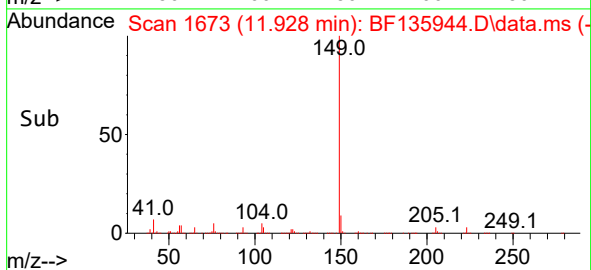
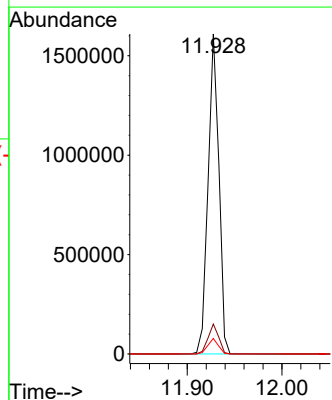
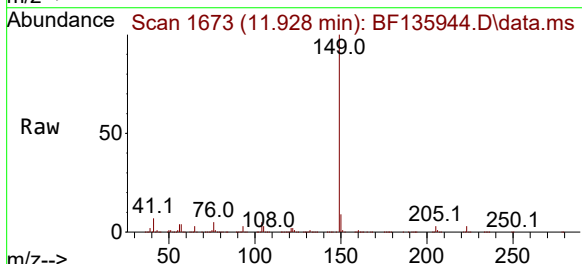
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF102523

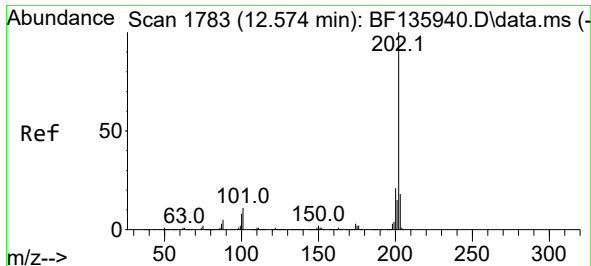
Tgt Ion:167 Resp: 1166611  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.0 25.6  
 139 13.1 10.4 15.6



#74  
 Di-n-butylphthalate  
 Concen: 42.121 ng  
 RT: 11.928 min Scan# 1673  
 Delta R.T. 0.000 min  
 Lab File: BF135944.D  
 Acq: 25 Oct 2023 16:49

Tgt Ion:149 Resp: 1270800  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.7 11.5  
 104 4.8 3.9 5.9

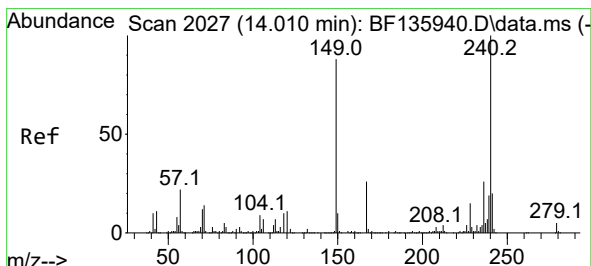
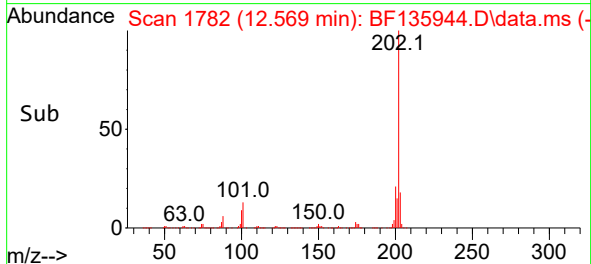
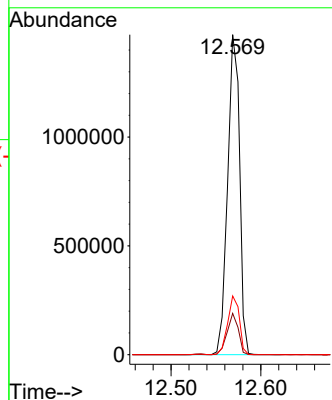
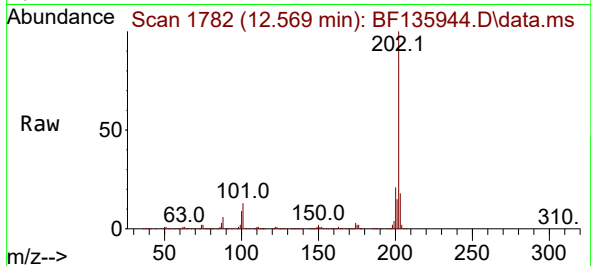




#75  
Fluoranthene  
Concen: 41.779 ng  
RT: 12.569 min Scan# 1782  
Delta R.T. -0.006 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

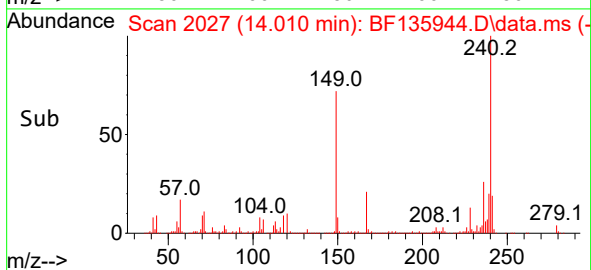
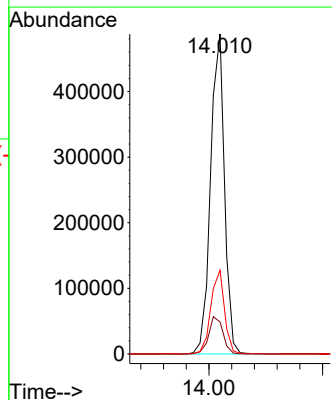
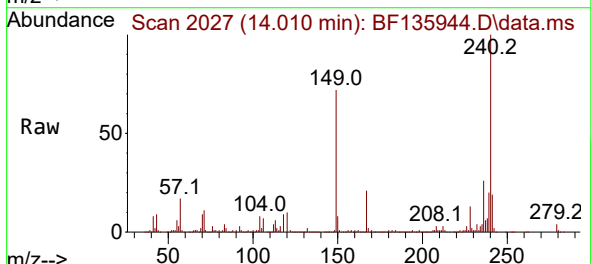
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

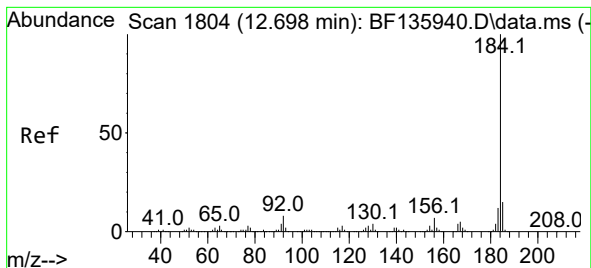
Tgt Ion:202 Resp: 1364360  
Ion Ratio Lower Upper  
202 100  
101 12.9 0.0 30.6  
203 18.4 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:240 Resp: 413784  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.6 13.0  
236 26.1 20.6 30.8





#77

Benzidine

Concen: 41.915 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

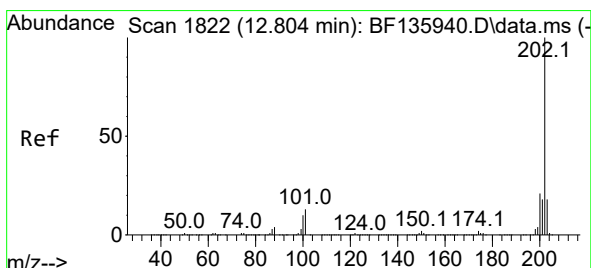
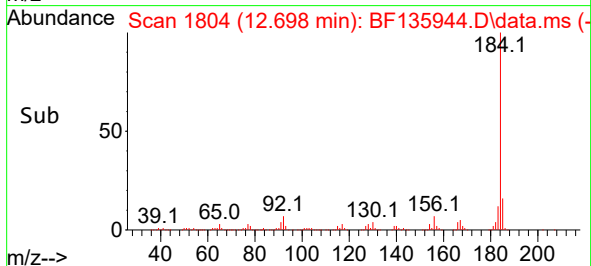
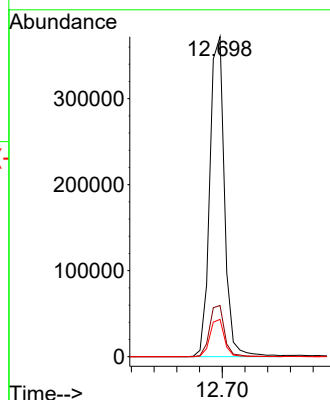
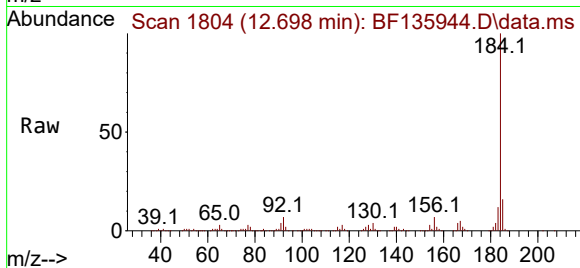
Tgt Ion:184 Resp: 334429

Ion Ratio Lower Upper

184 100

185 16.0 11.7 17.5

183 11.6 9.2 13.8



#78

Pyrene

Concen: 40.189 ng

RT: 12.798 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

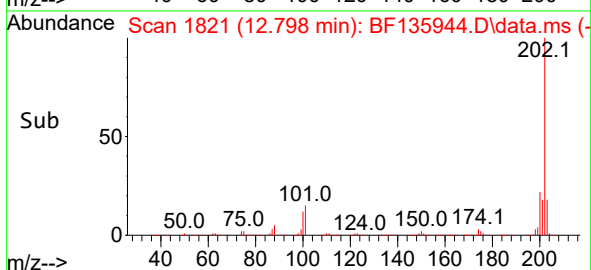
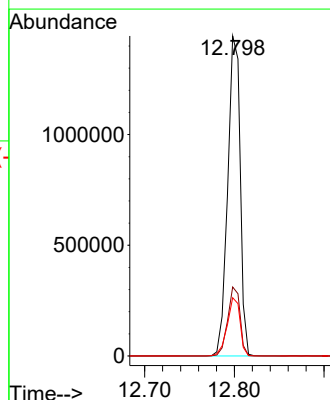
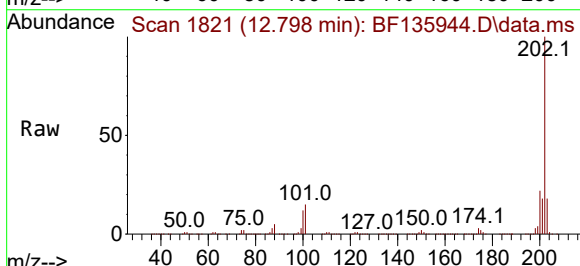
Tgt Ion:202 Resp: 1396273

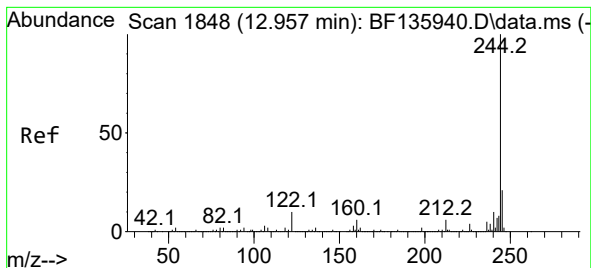
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 18.2 14.5 21.7





#79

Terphenyl-d14

Concen: 80.161 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

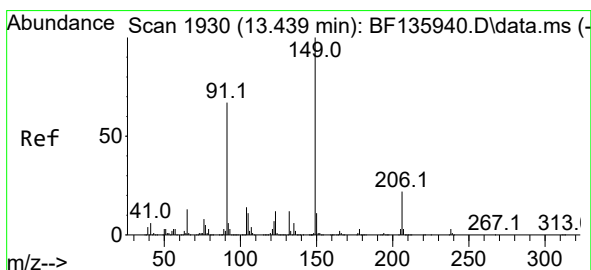
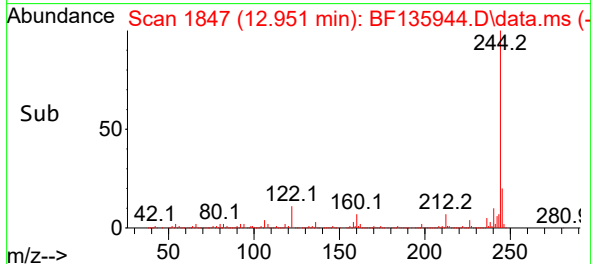
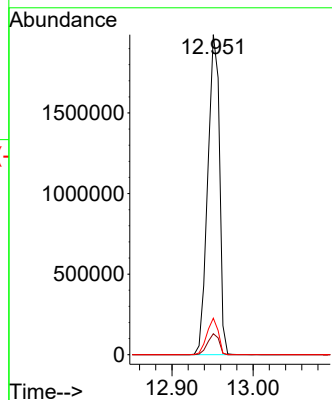
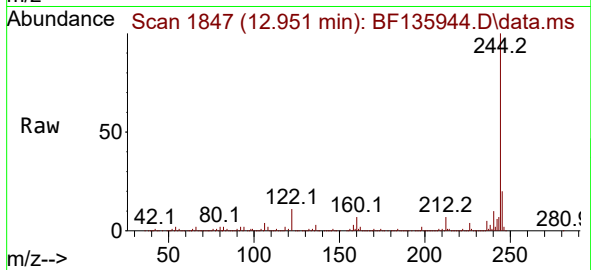
Tgt Ion:244 Resp: 1985260

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.6

122 11.4 8.0 12.0



#80

Butylbenzylphthalate

Concen: 40.821 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

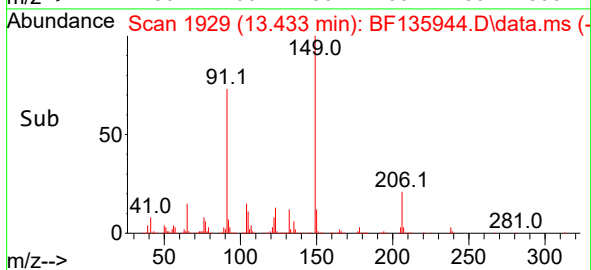
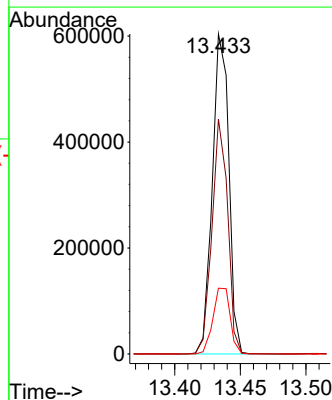
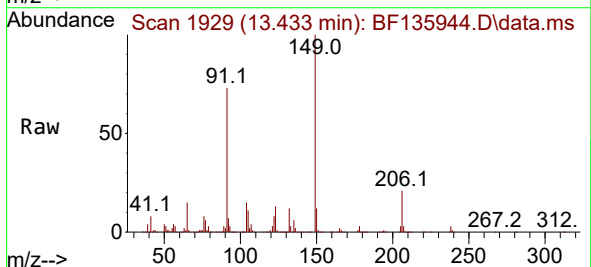
Tgt Ion:149 Resp: 527819

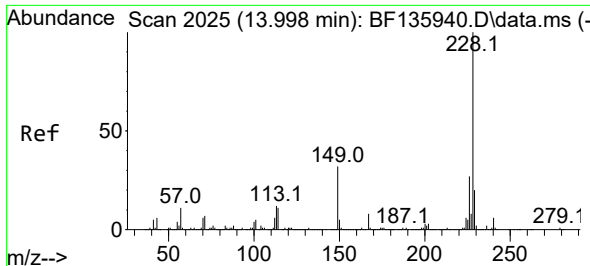
Ion Ratio Lower Upper

149 100

91 73.4 53.4 80.0

206 20.6 17.5 26.3

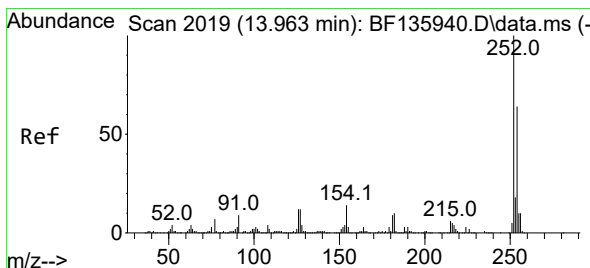
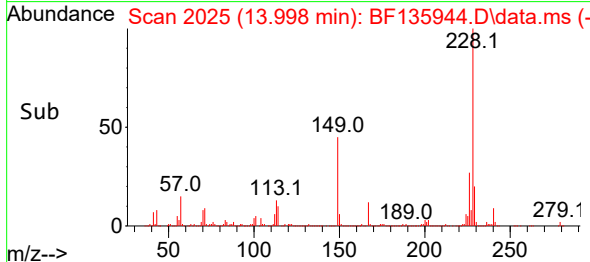
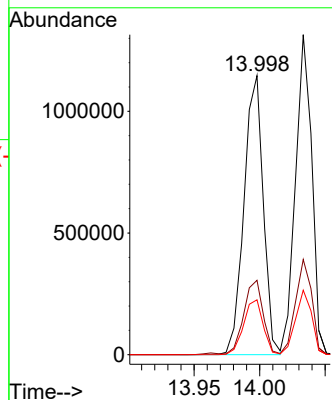
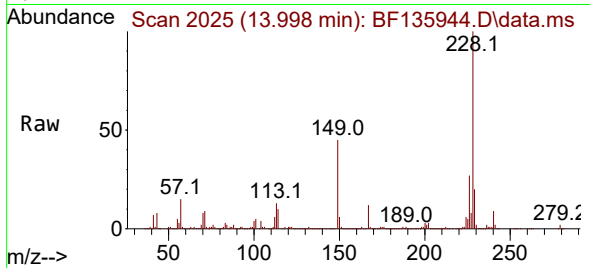




#81  
Benzo(a)anthracene  
Concen: 41.747 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

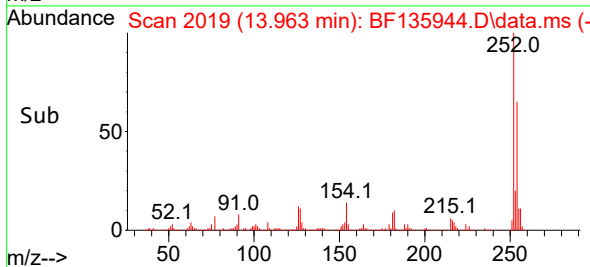
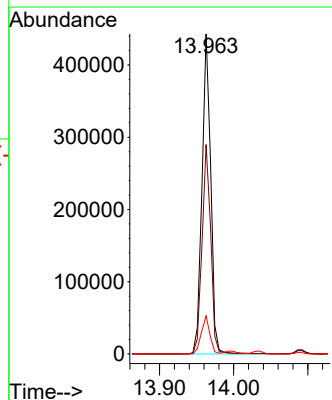
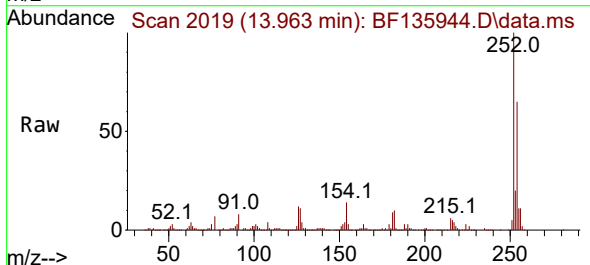
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

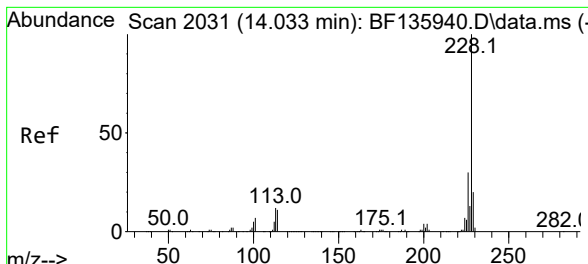
Tgt Ion:228 Resp: 1174552  
Ion Ratio Lower Upper  
228 100  
226 26.7 21.8 32.6  
229 19.7 16.2 24.4



#82  
3,3'-Dichlorobenzidine  
Concen: 42.234 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:252 Resp: 361506  
Ion Ratio Lower Upper  
252 100  
254 65.5 50.9 76.3  
126 11.9 9.8 14.6





#83

Chrysene

Concen: 41.518 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

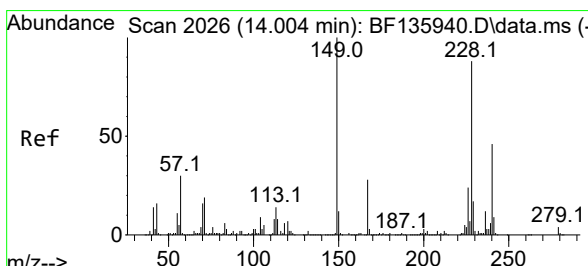
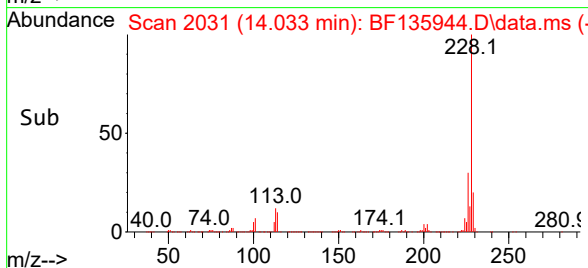
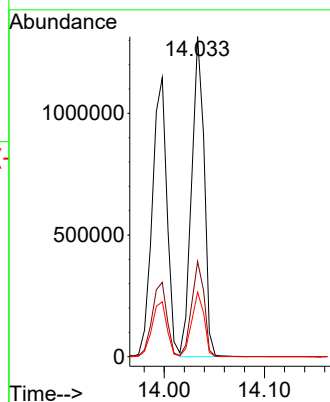
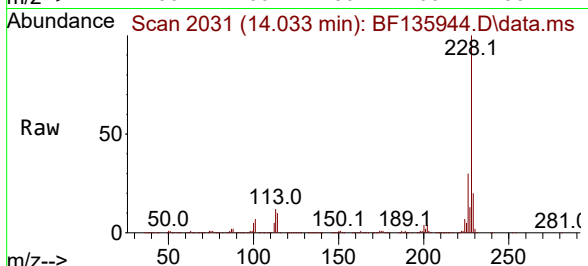
Tgt Ion:228 Resp: 1137694

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 20.2 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.717 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

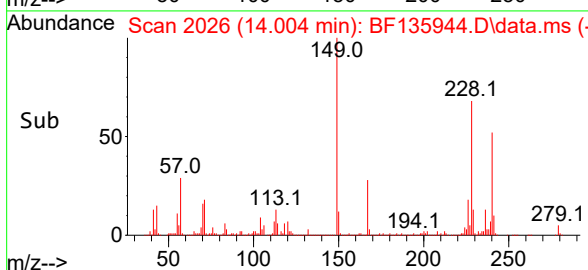
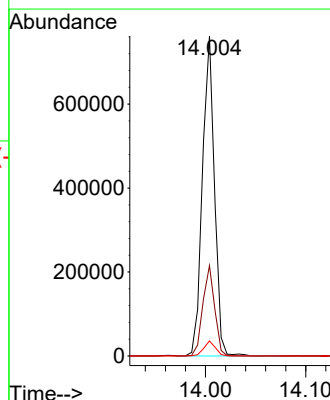
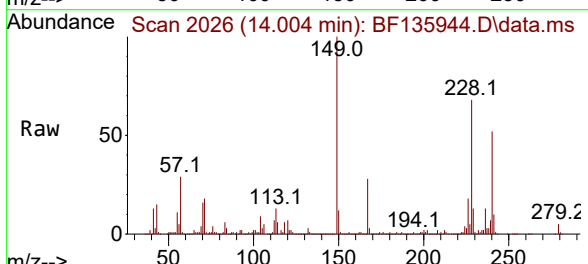
Tgt Ion:149 Resp: 638862

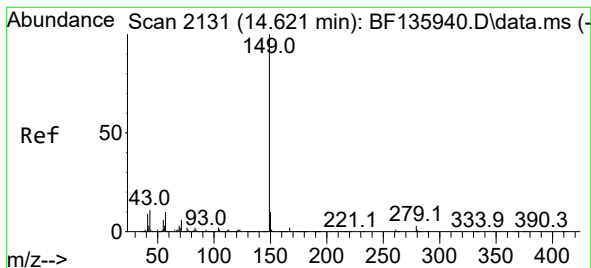
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

279 4.7 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 46.178 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

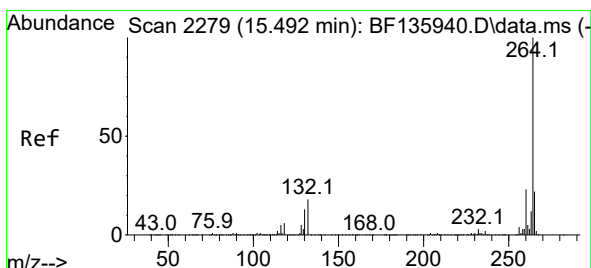
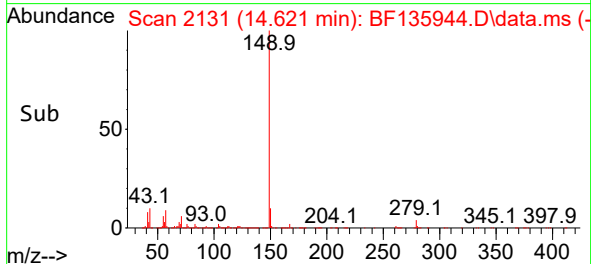
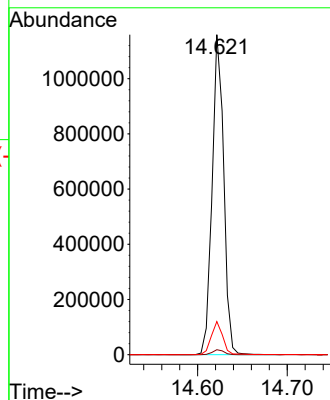
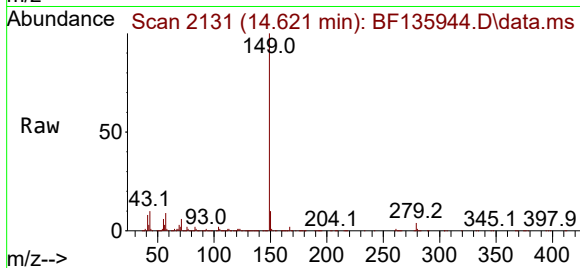
Tgt Ion:149 Resp: 1039273

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.3 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

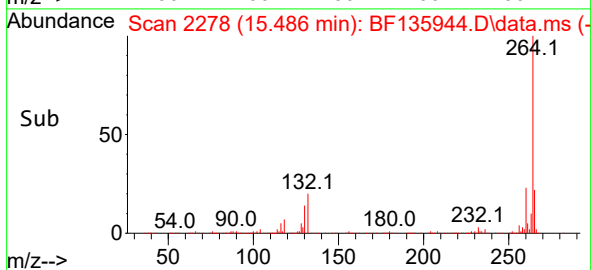
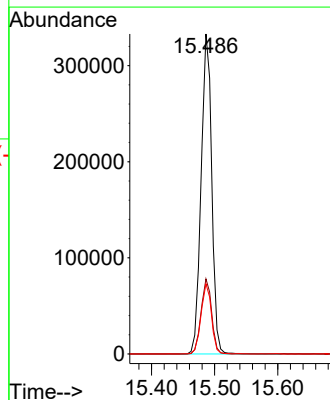
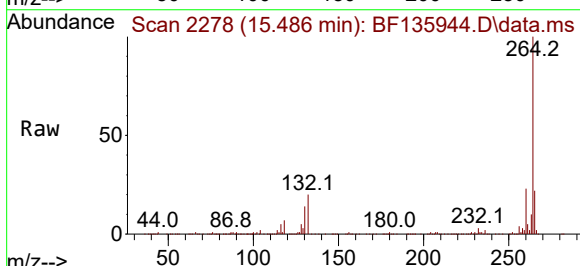
Tgt Ion:264 Resp: 388575

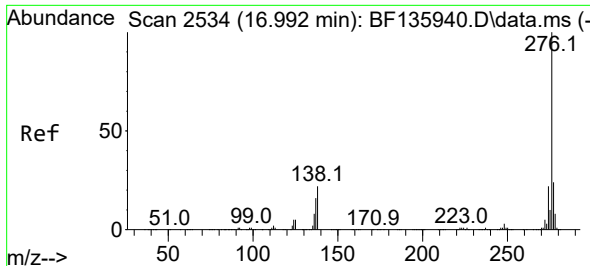
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.9 17.3 25.9

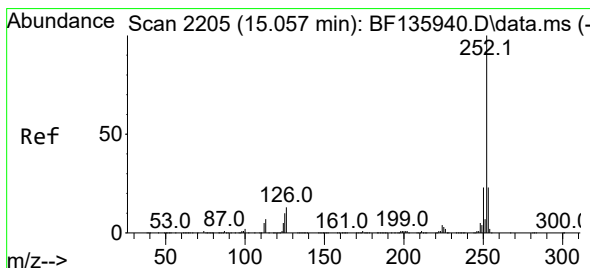
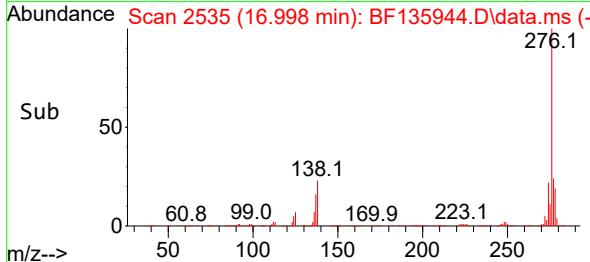
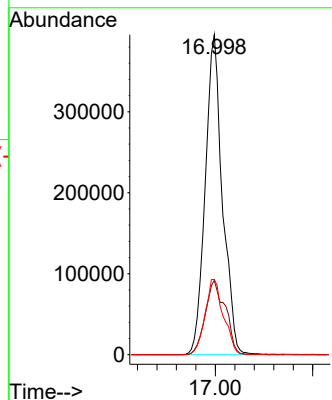
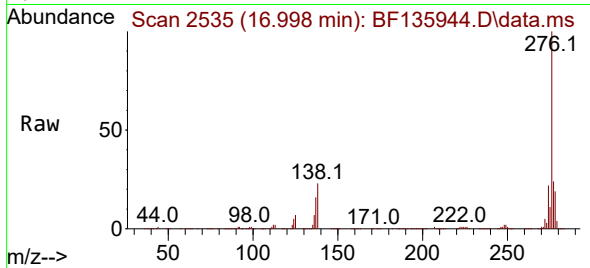




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.989 ng  
 RT: 16.998 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF135944.D  
 Acq: 25 Oct 2023 16:49

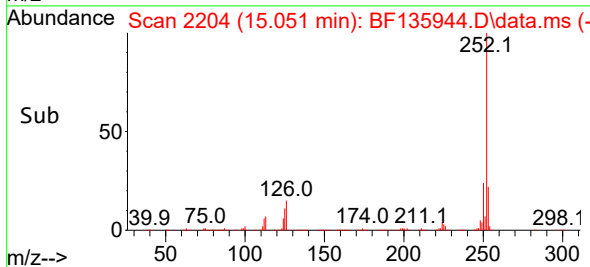
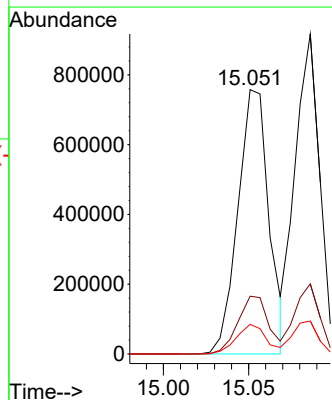
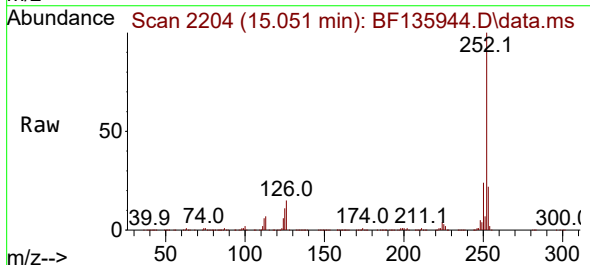
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF102523

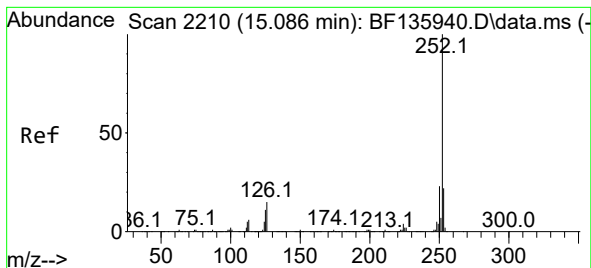
Tgt Ion:276 Resp: 969236  
 Ion Ratio Lower Upper  
 276 100  
 138 27.0 21.8 32.6  
 277 25.2 20.0 30.0



#88  
 Benzo(b)fluoranthene  
 Concen: 41.539 ng  
 RT: 15.051 min Scan# 2204  
 Delta R.T. -0.006 min  
 Lab File: BF135944.D  
 Acq: 25 Oct 2023 16:49

Tgt Ion:252 Resp: 960591  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 18.0 27.0  
 125 11.2 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 40.581 ng

RT: 15.086 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

ICVBF102523

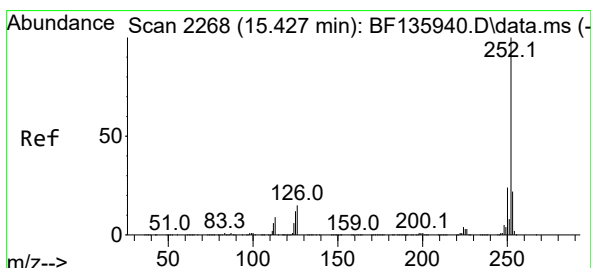
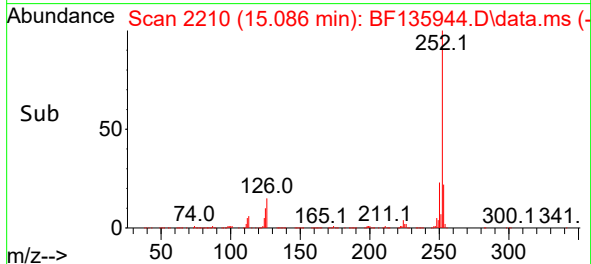
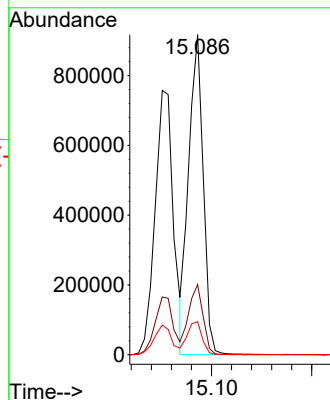
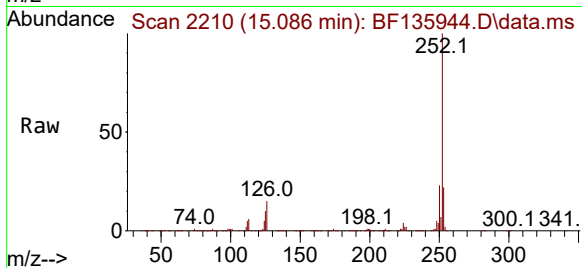
Tgt Ion:252 Resp: 921657

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.3 8.5 12.7



#90

Benzo(a)pyrene

Concen: 41.264 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

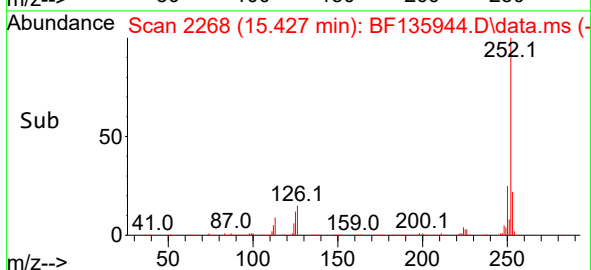
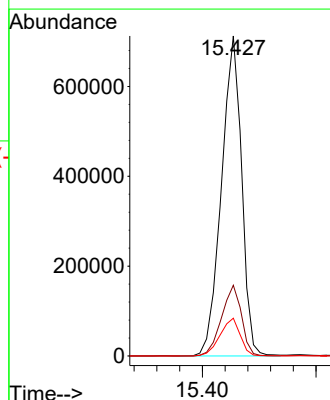
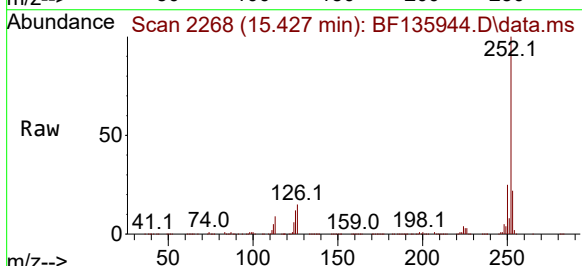
Tgt Ion:252 Resp: 879457

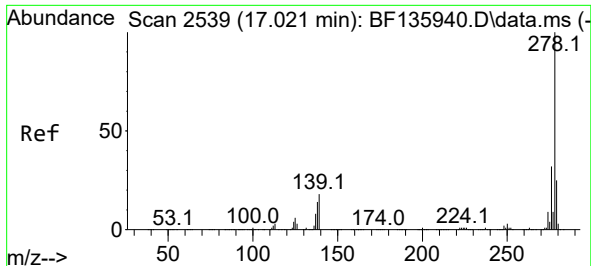
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 11.8 9.6 14.4



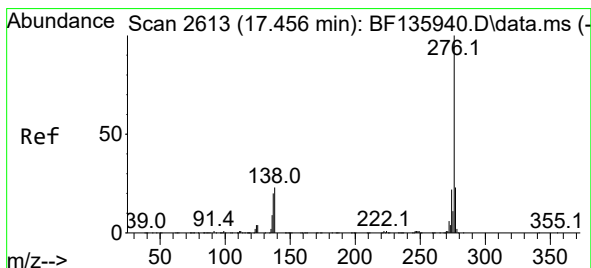
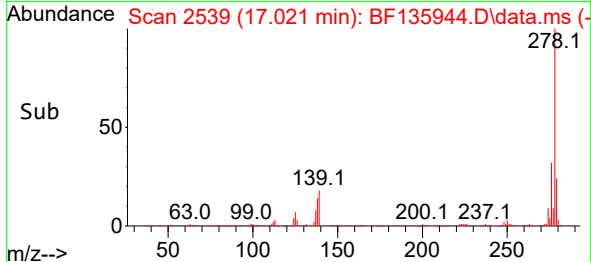
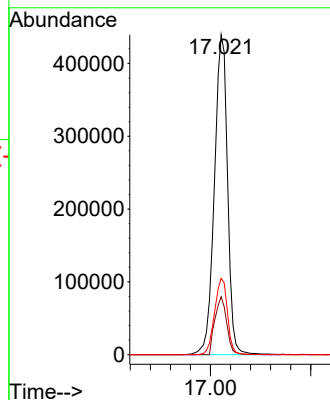
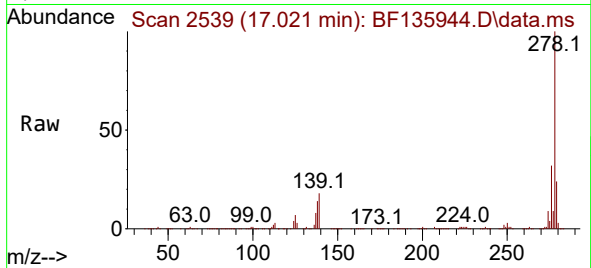


#91  
Dibenzo(a,h)anthracene  
Concen: 42.494 ng  
RT: 17.021 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF102523

Tgt Ion:278 Resp: 800868  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 18.1  | 14.0  | 21.0  |
| 279 | 23.8  | 19.7  | 29.5  |



#92  
Benzo(g,h,i)perylene  
Concen: 39.354 ng  
RT: 17.457 min Scan# 2613  
Delta R.T. 0.001 min  
Lab File: BF135944.D  
Acq: 25 Oct 2023 16:49

Tgt Ion:276 Resp: 827549  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.3  | 18.6  | 28.0  |
| 138 | 22.0  | 18.4  | 27.6  |

