

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032624\  
 Data File : BF137695.D  
 Acq On : 26 Mar 2024 19:30  
 Operator : CG\JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032624

Quant Time: Mar 27 01:59:50 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 27 01:52:09 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.787  | 152  | 299733   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.069  | 136  | 1170278  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.822  | 164  | 675849   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.304 | 188  | 1170385  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.945 | 240  | 625656   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.368 | 264  | 669170   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.393  | 112  | 1453025  | 75.454 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.416  | 99   | 1840090  | 77.095 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 1580595  | 89.104 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 514696   | 80.885 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 2770121  | 76.116 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.898 | 244  | 3171987  | 77.559 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.487  | 88   | 340864   | 38.211 | ng    | 98       |
| 3) Pyridine                   | 3.210  | 79   | 942372   | 38.585 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.175  | 42   | 422526   | 38.500 | ng    | 99       |
| 6) Aniline                    | 6.451  | 93   | 1203830  | 38.323 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.569  | 128  | 751528   | 38.695 | ng    | 99       |
| 9) Benzaldehyde               | 6.334  | 77   | 492029   | 42.404 | ng    | 98       |
| 10) Phenol                    | 6.428  | 94   | 1028490  | 38.744 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.528  | 93   | 741290   | 38.394 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.728  | 146  | 825456   | 38.304 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.804  | 146  | 824593   | 38.146 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.957  | 146  | 756533   | 37.719 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.928  | 79   | 664805   | 38.127 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063  | 45   | 1158484  | 37.849 | ng    | 99       |
| 17) 2-Methylphenol            | 7.040  | 107  | 701767   | 38.758 | ng    | 99       |
| 18) Hexachloroethane          | 7.298  | 117  | 277487   | 40.072 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.210  | 70   | 574752   | 37.271 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.193  | 107  | 803696   | 36.586 | ng    | 97       |
| 22) Acetophenone              | 7.198  | 105  | 1003214  | 37.116 | ng    | 97       |
| 24) Nitrobenzene              | 7.375  | 77   | 827652   | 44.574 | ng    | 92       |
| 25) Isophorone                | 7.610  | 82   | 1533057  | 38.167 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.687  | 139  | 372812   | 44.443 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.722  | 122  | 700801   | 38.109 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.822  | 93   | 916556   | 38.276 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.922  | 162  | 680129   | 39.790 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.010  | 180  | 691685   | 39.420 | ng    | 97       |
| 31) Naphthalene               | 8.092  | 128  | 2177775  | 37.538 | ng    | 99       |
| 32) Benzoic acid              | 7.845  | 122  | 409329   | 36.753 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.140  | 127  | 956697   | 38.223 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.210  | 225  | 404014   | 38.915 | ng    | 98       |
| 35) Caprolactam               | 8.522  | 113  | 221156   | 39.618 | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.616  | 107  | 704576   | 39.280 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.781  | 142  | 1502931  | 37.736 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.881  | 142  | 1409220  | 37.721 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.945  | 216  | 657020   | 37.101 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.934  | 237  | 378205   | 43.618 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.057  | 196  | 490799   | 40.305 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032624\  
 Data File : BF137695.D  
 Acq On : 26 Mar 2024 19:30  
 Operator : CG\JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032624

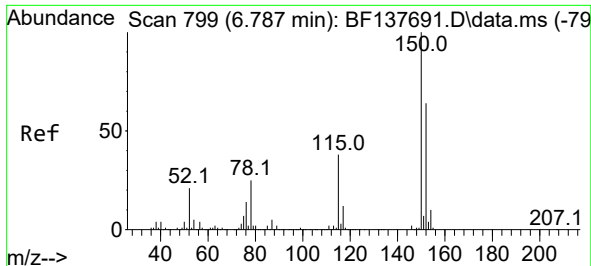
Quant Time: Mar 27 01:59:50 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 27 01:52:09 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.092  | 196  | 548010   | 39.825 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.251  | 154  | 1754686  | 36.834 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.275  | 162  | 1379245  | 37.408 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.369  | 65   | 444901   | 43.632 | ng    | 98       |
| 49) Acenaphthylene            | 9.686  | 152  | 2215571  | 37.357 | ng    | 100      |
| 50) Dimethylphthalate         | 9.557  | 163  | 1701299  | 37.405 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.610  | 165  | 367206   | 42.700 | ng    | 98       |
| 52) Acenaphthene              | 9.857  | 154  | 1380888  | 37.570 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.781  | 138  | 421644   | 42.224 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.881  | 184  | 142626   | 47.565 | ng    | 99       |
| 55) Dibenzofuran              | 10.028 | 168  | 2032890  | 37.182 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.928  | 139  | 330875   | 42.439 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.010 | 165  | 455730   | 44.402 | ng    | 97       |
| 58) Fluorene                  | 10.375 | 166  | 1391617  | 39.085 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.145 | 232  | 440616   | 40.229 | ng    | 94       |
| 60) Diethylphthalate          | 10.251 | 149  | 1650809  | 37.690 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.369 | 204  | 687599   | 40.121 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.392 | 138  | 410751   | 42.825 | ng    | 98       |
| 63) Azobenzene                | 10.528 | 77   | 1631373  | 37.335 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198  | 210294   | 44.536 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.486 | 169  | 1389699  | 37.251 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248  | 504527   | 38.260 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.916 | 284  | 510939   | 37.634 | ng    | 98       |
| 69) Atrazine                  | 11.016 | 200  | 422868   | 38.160 | ng    | 99       |
| 70) Pentachlorophenol         | 11.104 | 266  | 395063   | 43.010 | ng    | 99       |
| 71) Phenanthrene              | 11.333 | 178  | 2213321  | 36.386 | ng    | 100      |
| 72) Anthracene                | 11.386 | 178  | 2299318  | 36.709 | ng    | 99       |
| 73) Carbazole                 | 11.539 | 167  | 2065261  | 37.005 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.880 | 149  | 2425680  | 37.435 | ng    | 99       |
| 75) Fluoranthene              | 12.522 | 202  | 2200554  | 35.083 | ng    | 97       |
| 77) Benzidine                 | 12.639 | 184  | 701055   | 48.673 | ng    | 99       |
| 78) Pyrene                    | 12.745 | 202  | 2242345  | 40.335 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.374 | 149  | 789932   | 40.522 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.933 | 228  | 1656839  | 38.233 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.898 | 252  | 568584   | 40.897 | ng    | 98       |
| 83) Chrysene                  | 13.974 | 228  | 1668815  | 39.106 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.939 | 149  | 872556   | 41.478 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.551 | 149  | 1475744  | 38.500 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.780 | 276  | 1722656  | 39.897 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 14.963 | 252  | 1471234  | 37.307 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.992 | 252  | 1466921  | 37.259 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.316 | 252  | 1418842  | 38.137 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.804 | 278  | 1419556  | 39.962 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.210 | 276  | 1432820  | 39.747 | ng    | 99       |

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

Quant Time: Mar 27 01:59:50 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 27 01:52:09 2024  
Response via : Initial Calibration

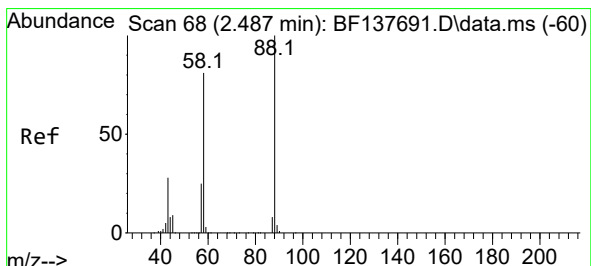
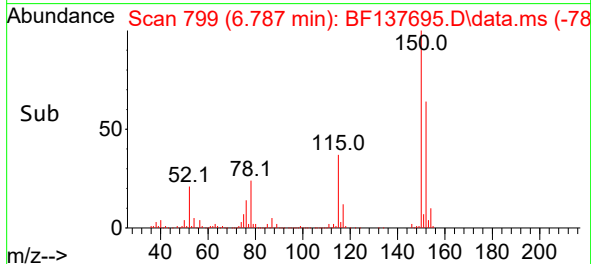
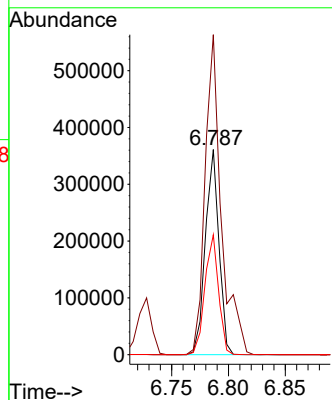
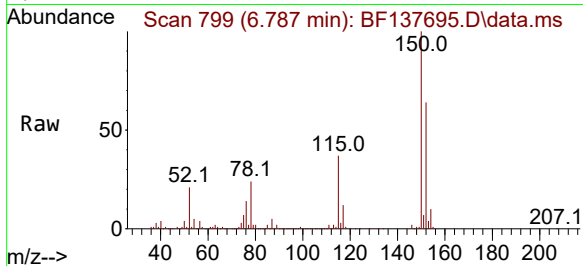




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.787 min Scan# 799  
 Delta R.T. -0.000 min  
 Lab File: BF137695.D  
 Acq: 26 Mar 2024 19:30

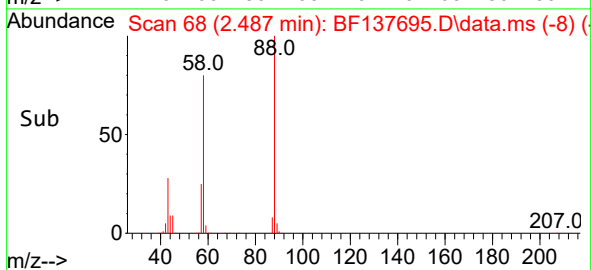
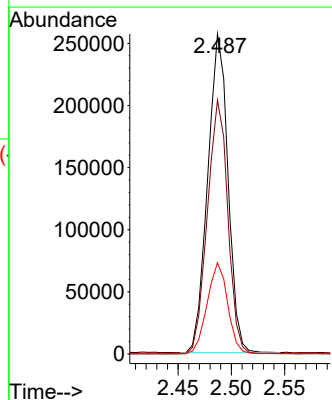
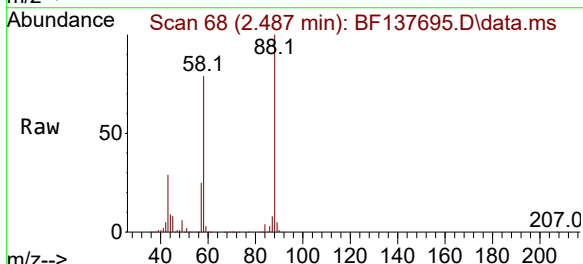
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032624

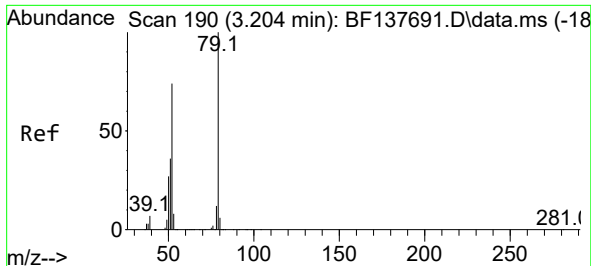
Tgt Ion:152 Resp: 299733  
 Ion Ratio Lower Upper  
 152 100  
 150 156.0 125.0 187.4  
 115 58.4 46.9 70.3



#2  
 1,4-Dioxane  
 Concen: 38.211 ng  
 RT: 2.487 min Scan# 68  
 Delta R.T. 0.000 min  
 Lab File: BF137695.D  
 Acq: 26 Mar 2024 19:30

Tgt Ion: 88 Resp: 340864  
 Ion Ratio Lower Upper  
 88 100  
 58 80.3 65.5 98.3  
 43 28.7 23.3 34.9

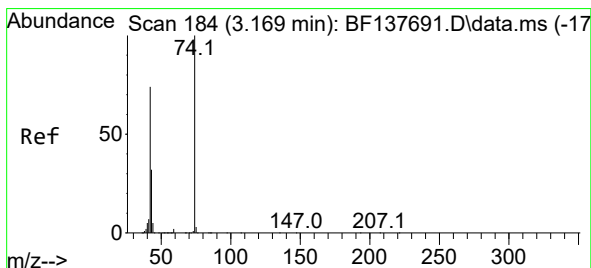
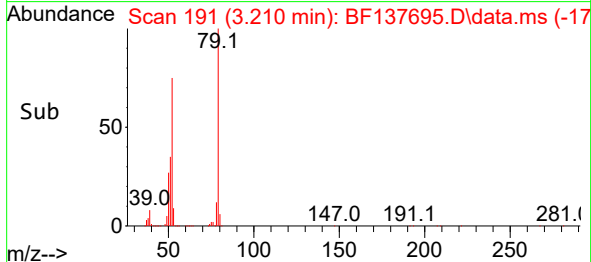
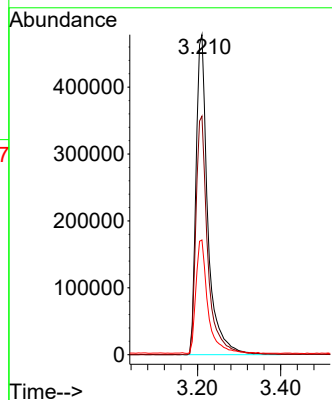
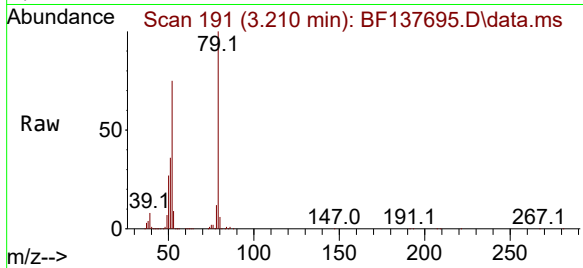




#3  
 Pyridine  
 Concen: 38.585 ng  
 RT: 3.210 min Scan# 190  
 Delta R.T. 0.006 min  
 Lab File: BF137695.D  
 Acq: 26 Mar 2024 19:30

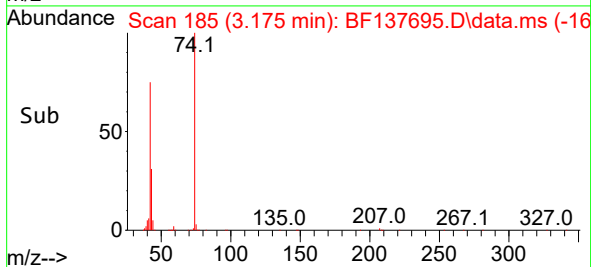
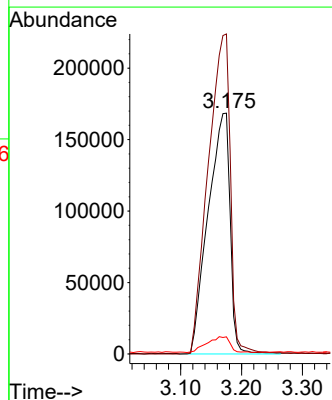
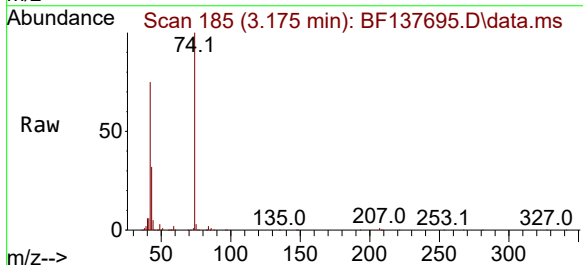
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032624

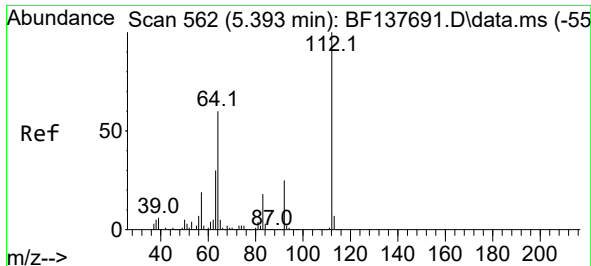
Tgt Ion: 79 Resp: 942372  
 Ion Ratio Lower Upper  
 79 100  
 52 74.6 59.4 89.0  
 51 35.8 29.4 44.0



#4  
 n-Nitrosodimethylamine  
 Concen: 38.500 ng  
 RT: 3.175 min Scan# 185  
 Delta R.T. 0.006 min  
 Lab File: BF137695.D  
 Acq: 26 Mar 2024 19:30

Tgt Ion: 42 Resp: 422526  
 Ion Ratio Lower Upper  
 42 100  
 74 132.9 107.5 161.3  
 44 7.1 6.5 9.7

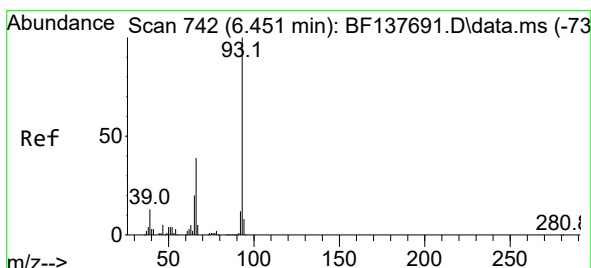
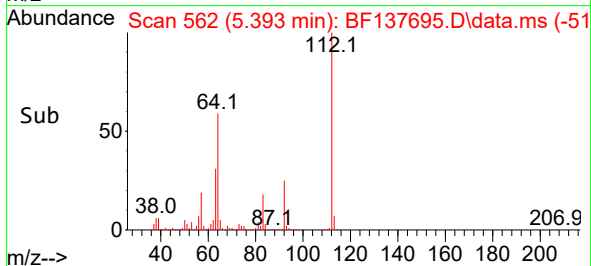
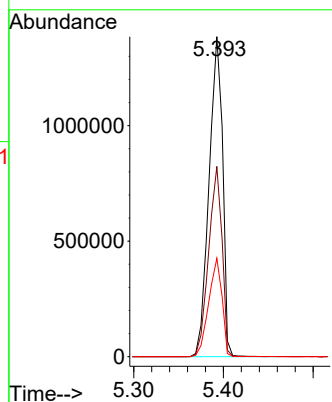
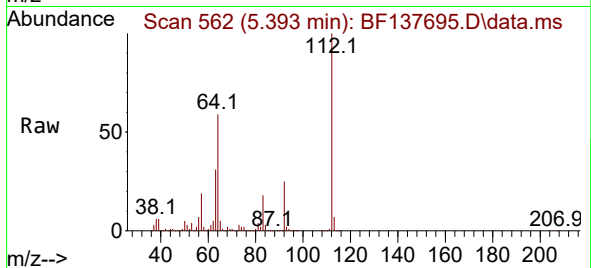




#5  
2-Fluorophenol  
Concen: 75.454 ng  
RT: 5.393 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

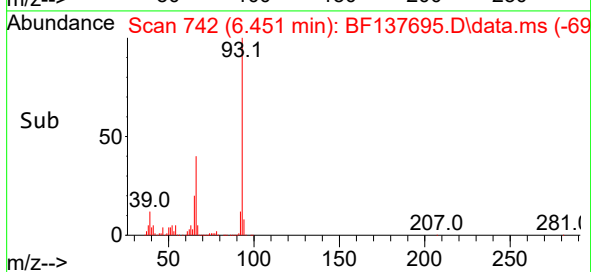
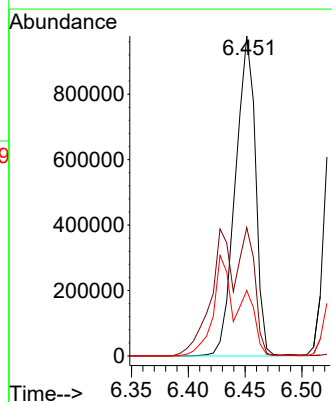
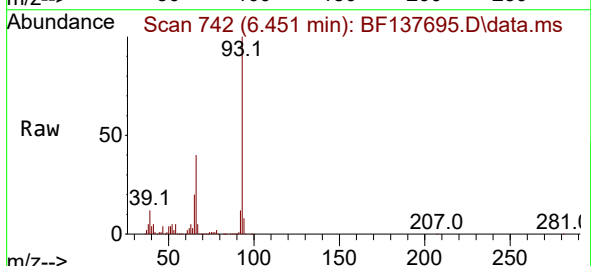
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

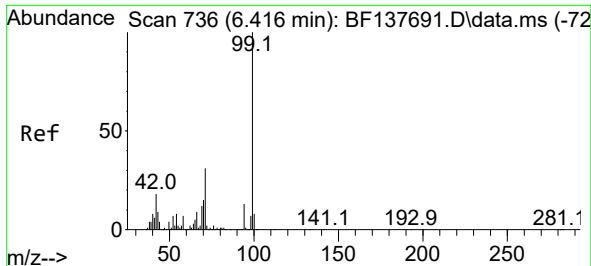
Tgt Ion:112 Resp: 1453025  
Ion Ratio Lower Upper  
112 100  
64 59.5 48.2 72.2  
63 30.8 24.2 36.4



#6  
Aniline  
Concen: 38.323 ng  
RT: 6.451 min Scan# 742  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion: 93 Resp: 1203830  
Ion Ratio Lower Upper  
93 100  
66 40.1 32.0 48.0  
65 20.5 16.3 24.5





#7

Phenol-d6

Concen: 77.095 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

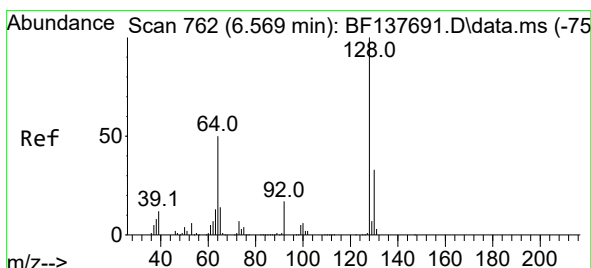
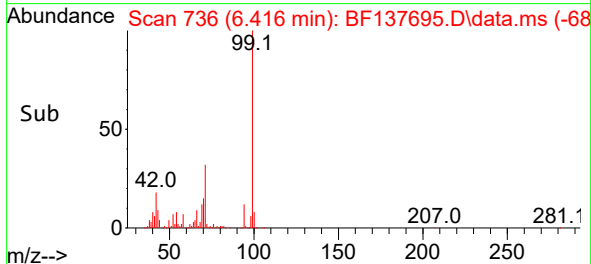
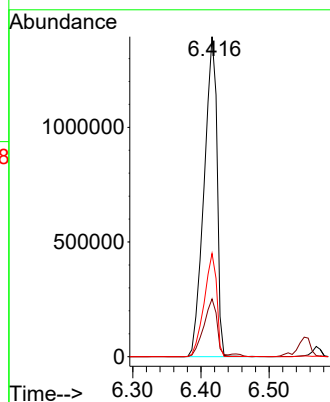
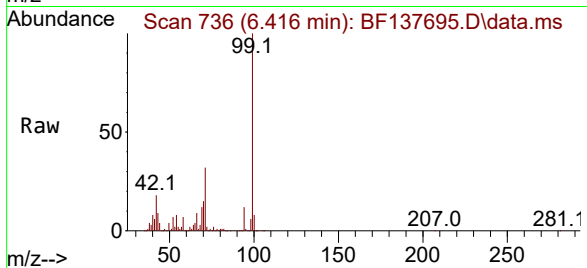
BNA\_F

ClientSampleId :

ICVBF032624

Tgt Ion: 99 Resp: 1840090

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.0  | 14.3  | 21.5  |
| 71  | 32.3  | 25.0  | 37.4  |



#8

2-Chlorophenol

Concen: 38.695 ng

RT: 6.569 min Scan# 762

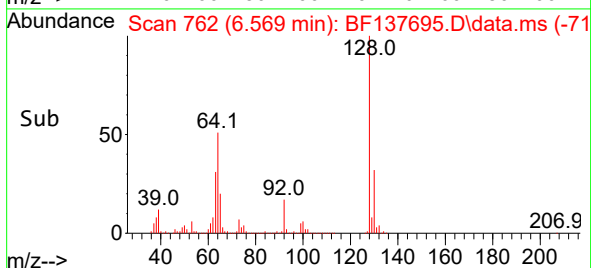
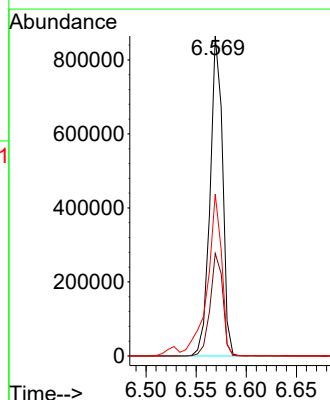
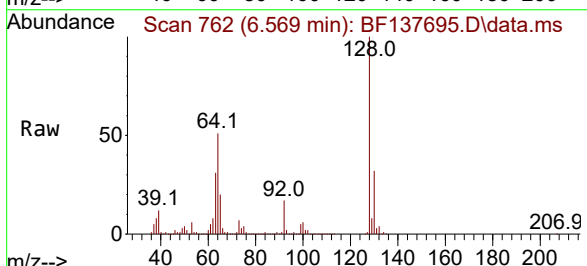
Delta R.T. 0.000 min

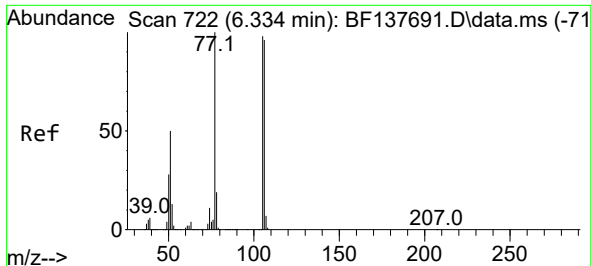
Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Tgt Ion: 128 Resp: 751528

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.0  | 13.0  | 53.0  |
| 64  | 50.6  | 30.4  | 70.4  |





#9

Benzaldehyde

Concen: 42.404 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

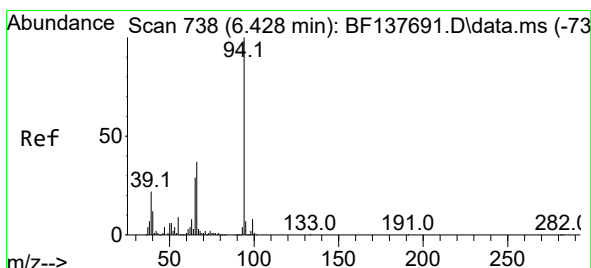
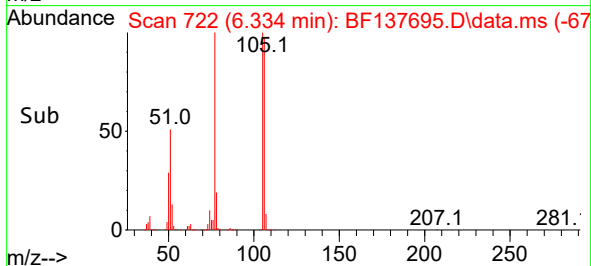
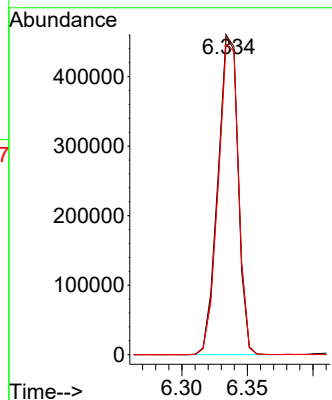
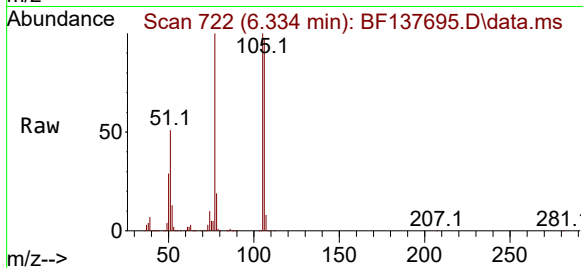
Tgt Ion: 77 Resp: 492029

Ion Ratio Lower Upper

77 100

105 99.8 77.8 117.8

106 97.0 75.6 115.6



#10

Phenol

Concen: 38.744 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

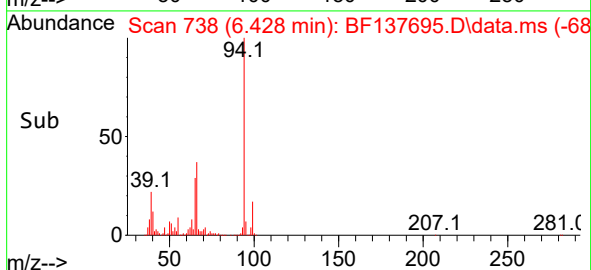
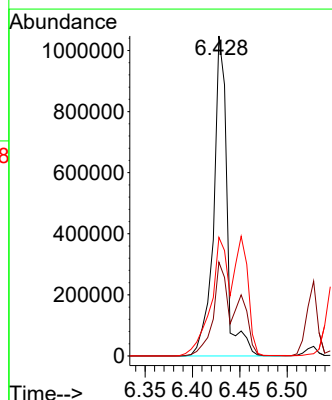
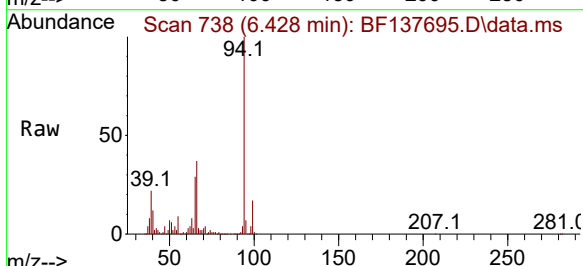
Tgt Ion: 94 Resp: 1028490

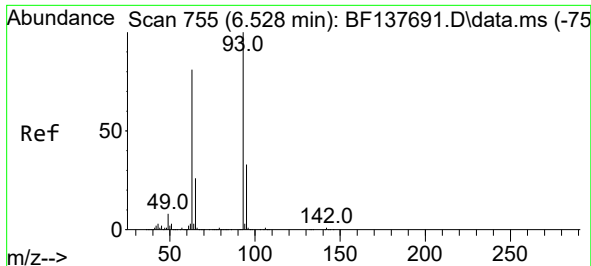
Ion Ratio Lower Upper

94 100

65 29.3 9.4 49.4

66 37.1 17.4 57.4

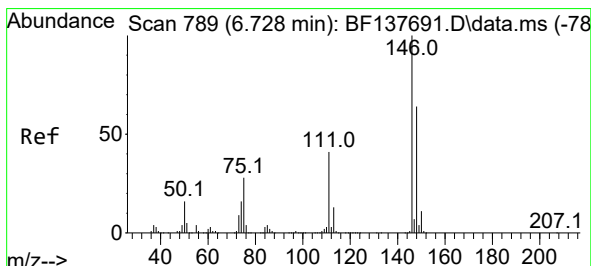
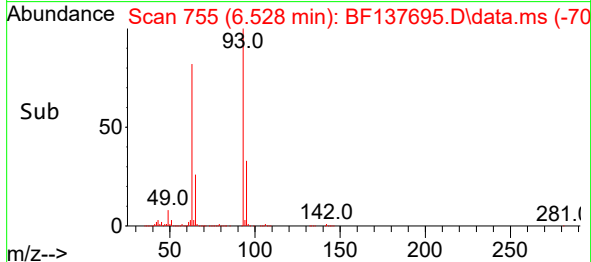
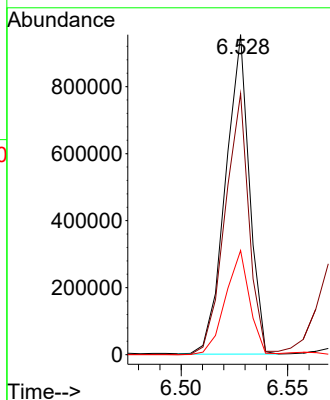
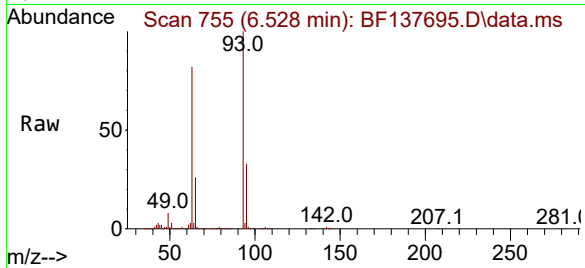




#11  
bis(2-Chloroethyl)ether  
Concen: 38.394 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

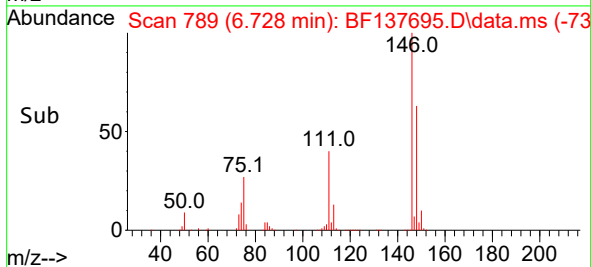
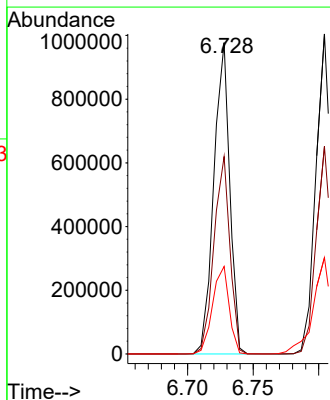
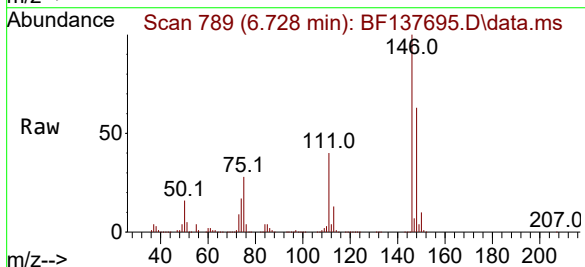
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

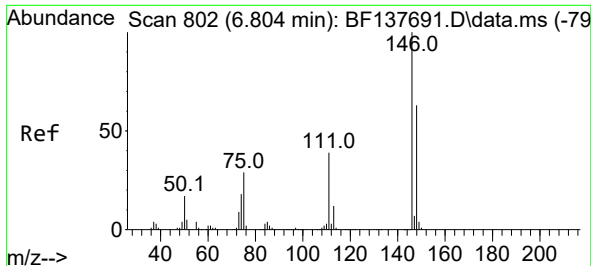
Tgt Ion: 93 Resp: 741290  
Ion Ratio Lower Upper  
93 100  
63 81.6 60.4 100.4  
95 32.5 13.2 53.2



#12  
1,3-Dichlorobenzene  
Concen: 38.304 ng  
RT: 6.728 min Scan# 789  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:146 Resp: 825456  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.3 76.9  
75 28.1 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 38.146 ng

RT: 6.804 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

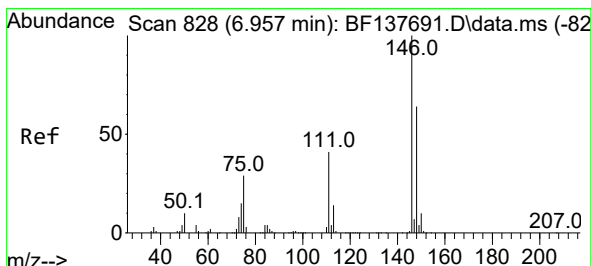
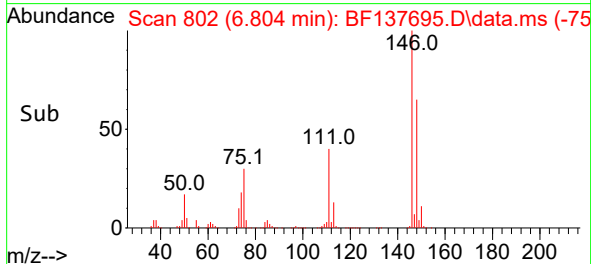
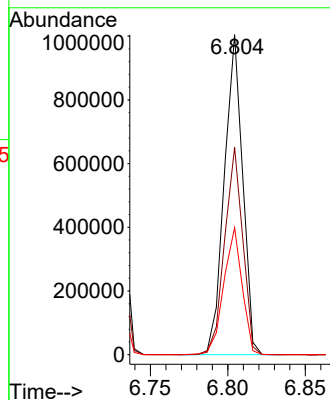
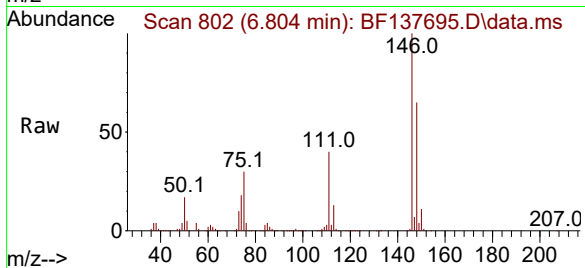
Tgt Ion:146 Resp: 824593

Ion Ratio Lower Upper

146 100

148 64.9 50.7 76.1

111 39.7 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 37.719 ng

RT: 6.957 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

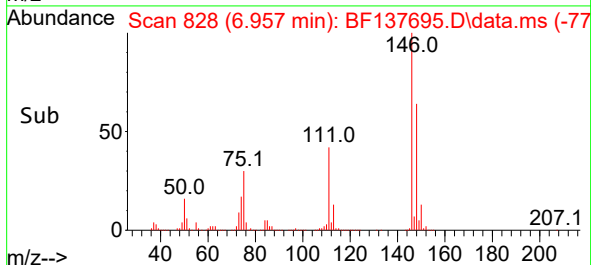
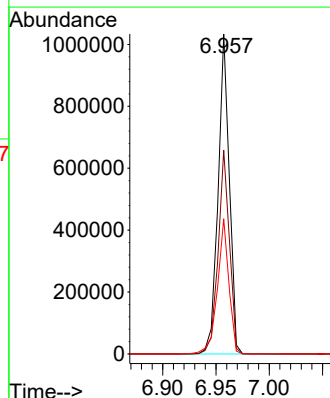
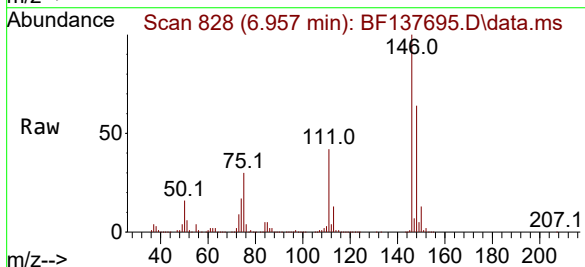
Tgt Ion:146 Resp: 756533

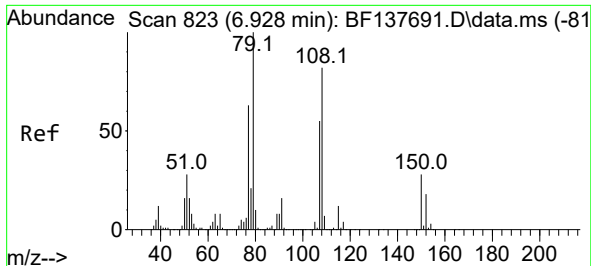
Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

111 42.3 33.2 49.8

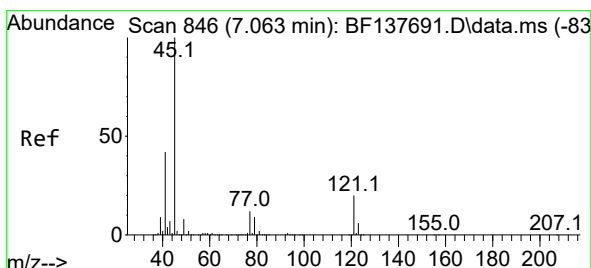
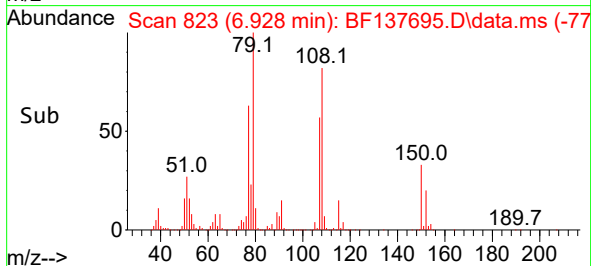
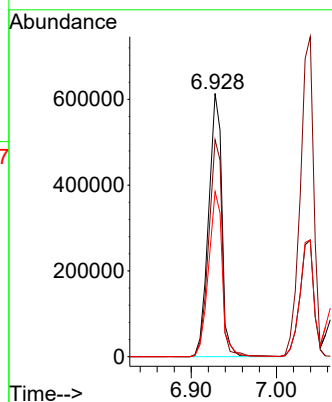
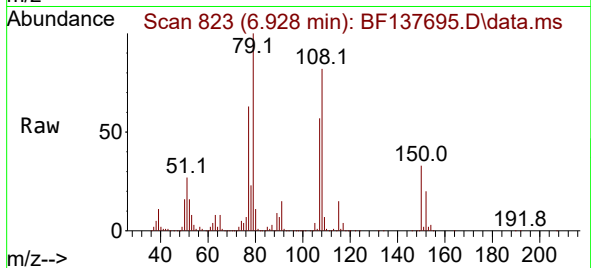




#15  
Benzyl Alcohol  
Concen: 38.127 ng  
RT: 6.928 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

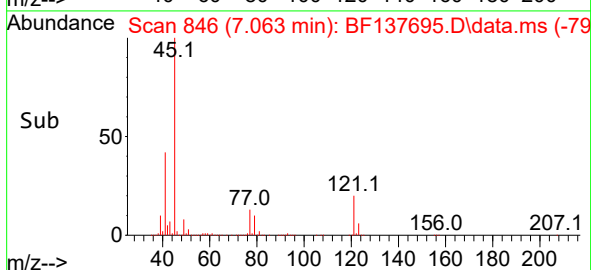
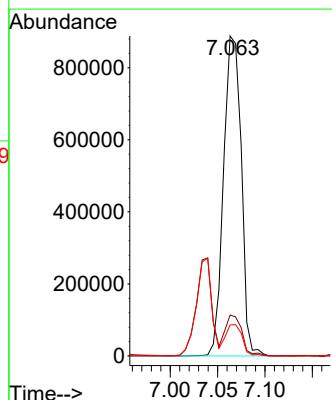
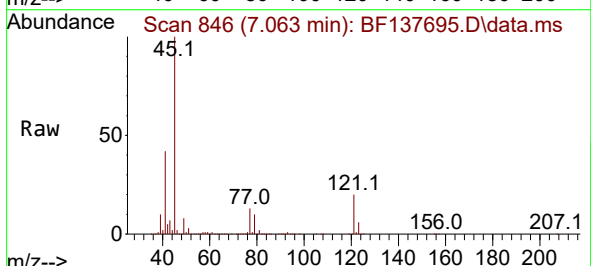
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

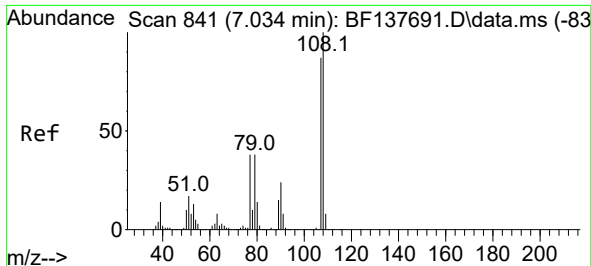
Tgt Ion: 79 Resp: 664805  
Ion Ratio Lower Upper  
79 100  
108 82.4 65.8 98.6  
77 62.8 50.6 75.8



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 37.849 ng  
RT: 7.063 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion: 45 Resp: 1158484  
Ion Ratio Lower Upper  
45 100  
77 12.8 0.0 32.3  
79 9.7 0.0 29.4

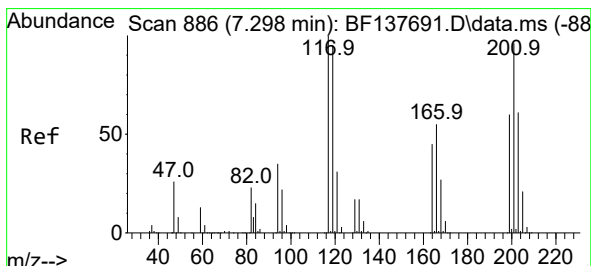
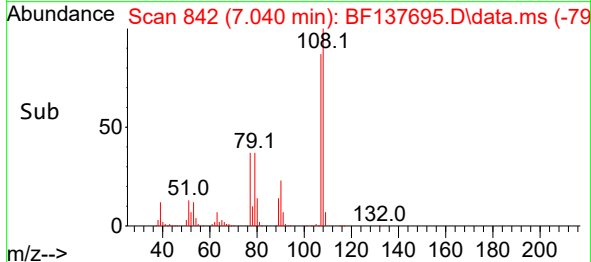
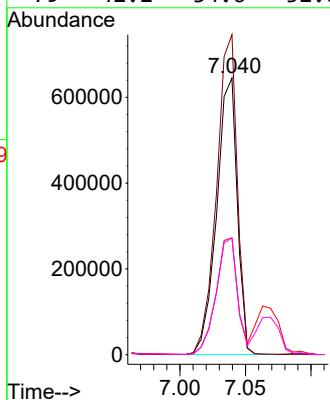
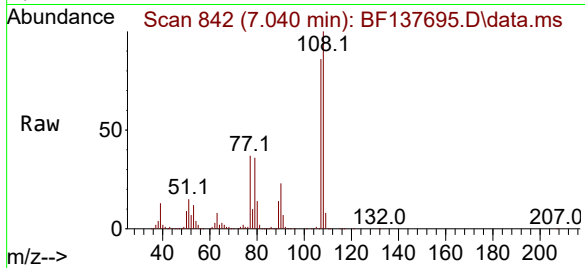




#17  
2-Methylphenol  
Concen: 38.758 ng  
RT: 7.040 min Scan# 841  
Delta R.T. 0.006 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

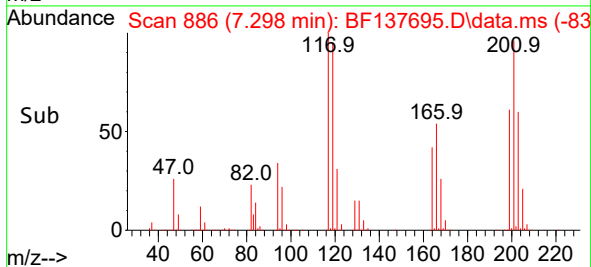
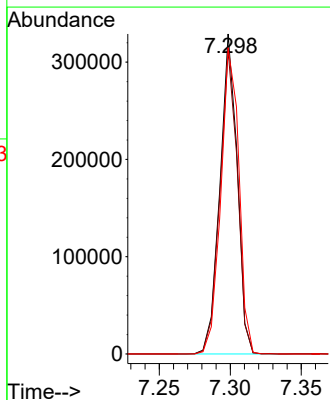
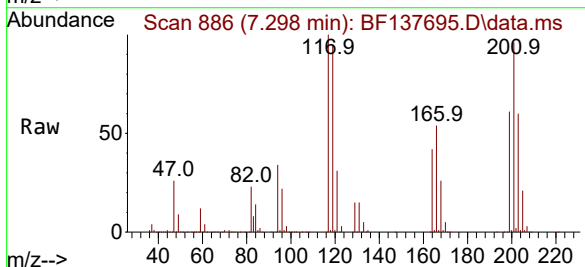
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

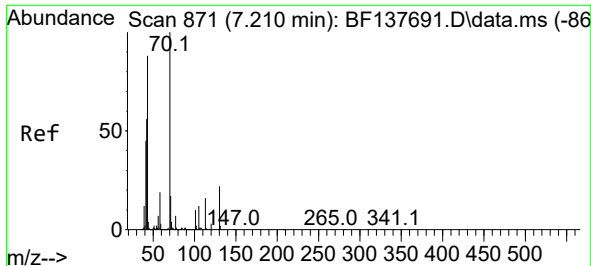
Tgt Ion:107 Resp: 701767  
Ion Ratio Lower Upper  
107 100  
108 115.7 91.8 137.8  
77 42.2 35.0 52.4  
79 42.2 34.6 52.0



#18  
Hexachloroethane  
Concen: 40.072 ng  
RT: 7.298 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:117 Resp: 277487  
Ion Ratio Lower Upper  
117 100  
119 94.9 76.3 114.5  
201 95.7 76.5 114.7

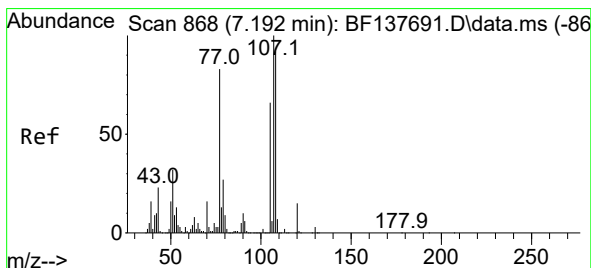
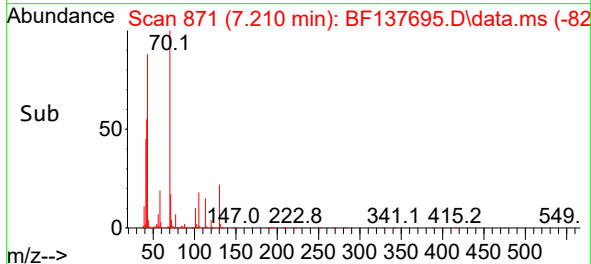
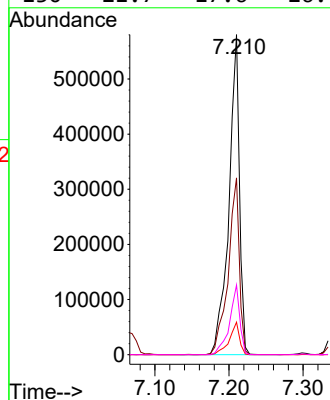
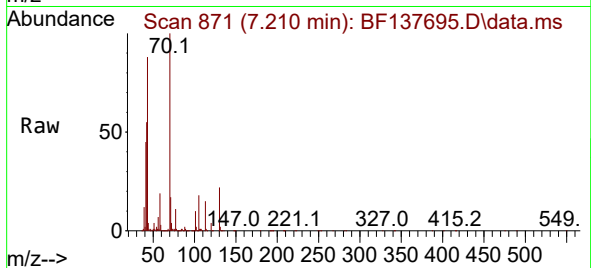




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.271 ng  
RT: 7.210 min Scan# 871  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

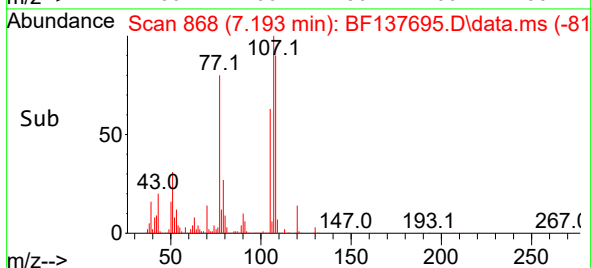
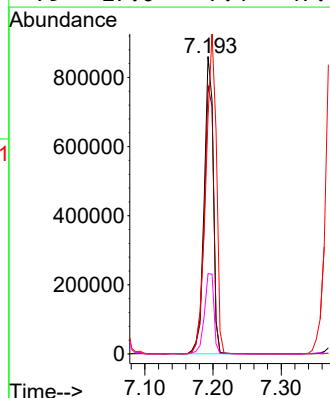
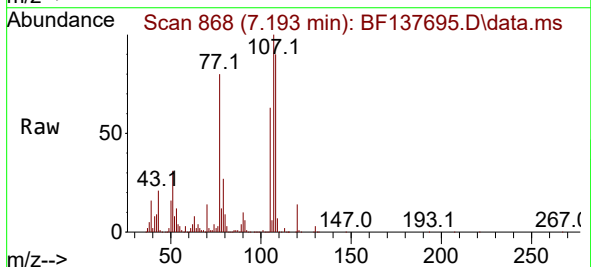
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

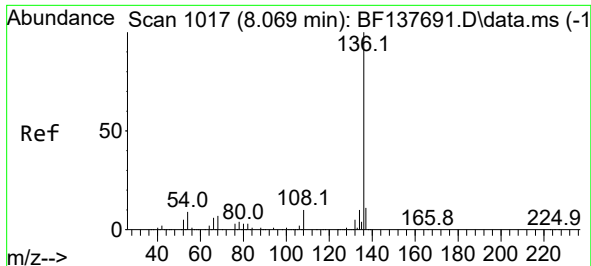
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 574752 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 55.2  | 44.6  | 66.8   |
| 101      | 10.2  | 7.8   | 11.8   |
| 130      | 21.7  | 17.6  | 26.4   |



#20  
3+4-Methylphenols  
Concen: 36.586 ng  
RT: 7.193 min Scan# 868  
Delta R.T. 0.001 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 803696 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.1  | 71.7  | 111.7  |
| 77       | 79.6  | 63.4  | 103.4  |
| 79       | 27.0  | 7.4   | 47.4   |



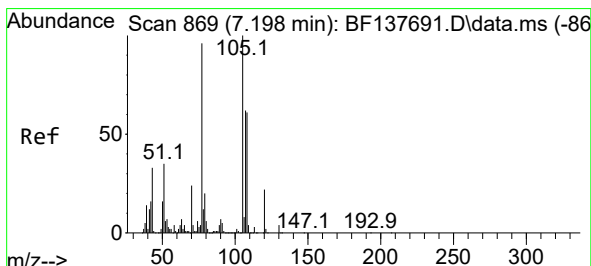
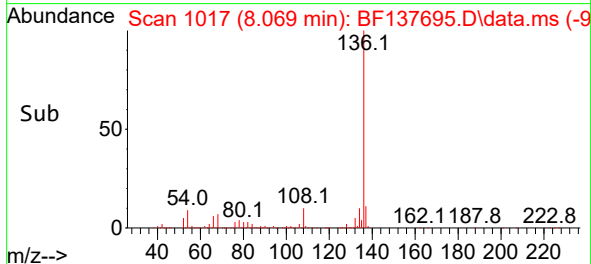
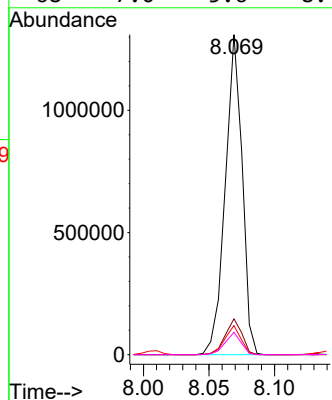
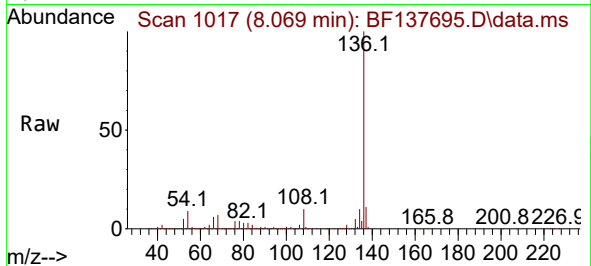


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

Tgt Ion:136 Resp: 1170278

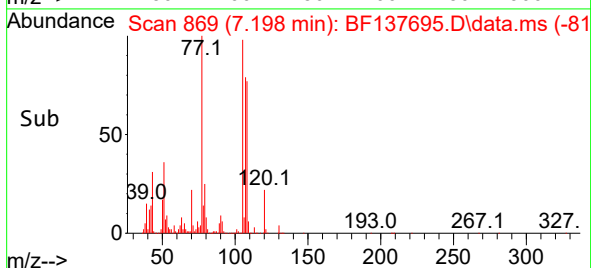
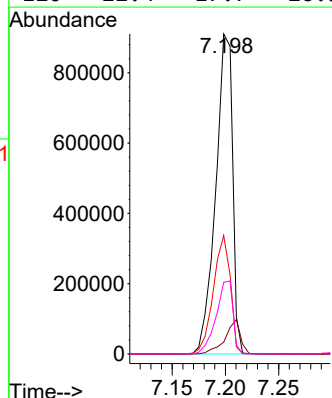
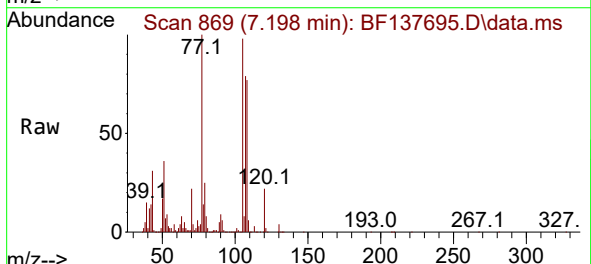
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.9   | 13.3  |
| 54  | 9.1   | 7.1   | 10.7  |
| 68  | 7.0   | 5.6   | 8.4   |

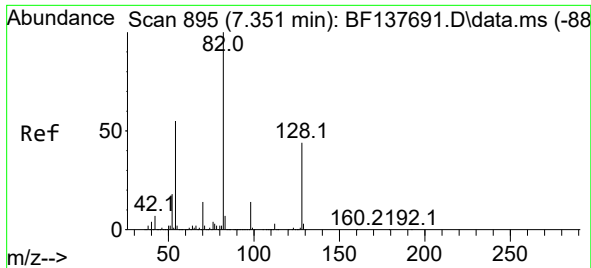


#22  
Acetophenone  
Concen: 37.116 ng  
RT: 7.198 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:105 Resp: 1003214

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 3.7   | 3.3   | 4.9   |
| 51  | 37.0  | 27.7  | 41.5  |
| 120 | 22.4  | 17.7  | 26.5  |





#23

Nitrobenzene-d5

Concen: 89.104 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.006 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

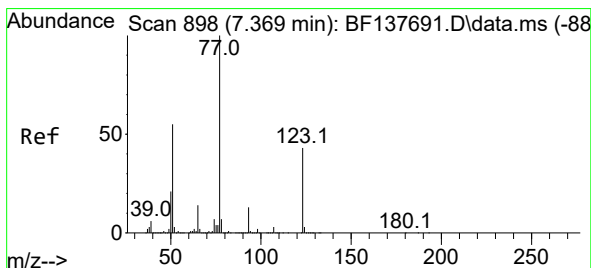
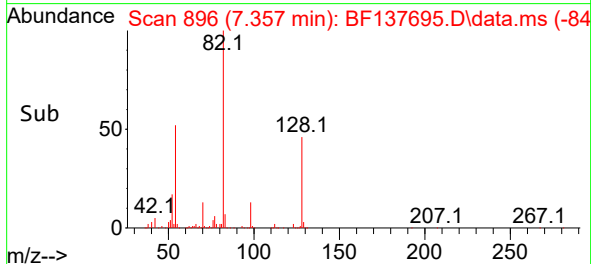
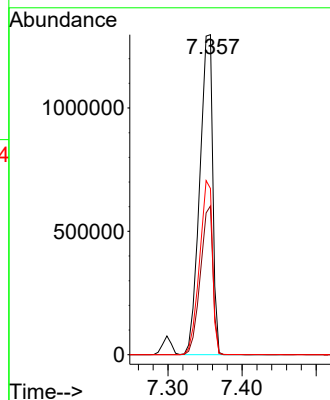
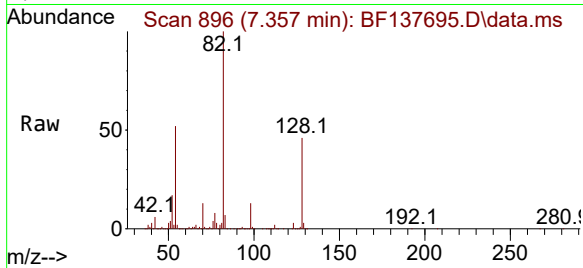
Tgt Ion: 82 Resp: 1580595

Ion Ratio Lower Upper

82 100

128 46.4 35.3 52.9

54 52.0 44.1 66.1



#24

Nitrobenzene

Concen: 44.574 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.006 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

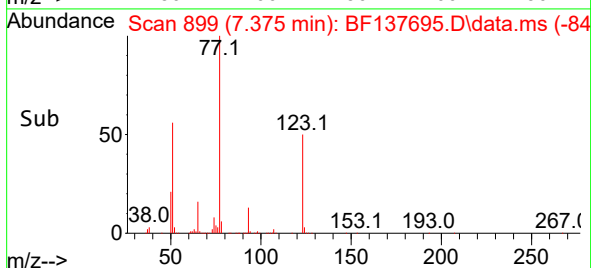
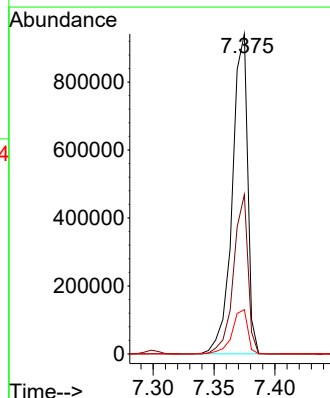
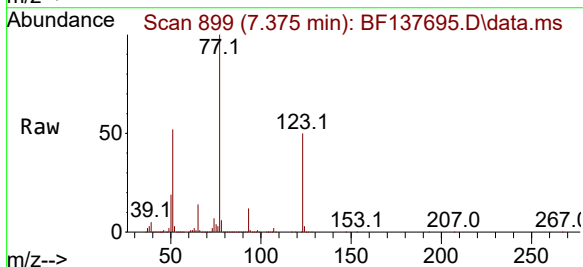
Tgt Ion: 77 Resp: 827652

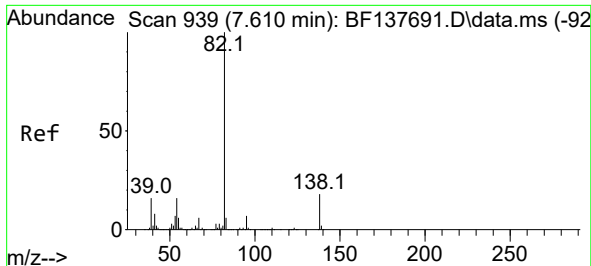
Ion Ratio Lower Upper

77 100

123 49.8 34.6 51.8

65 13.8 11.4 17.2

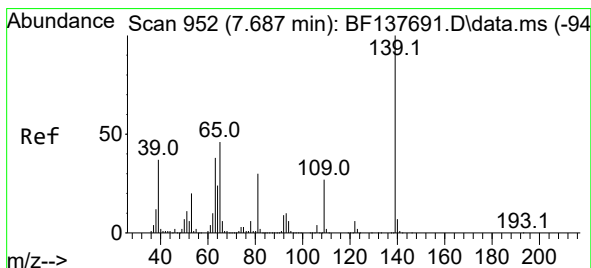
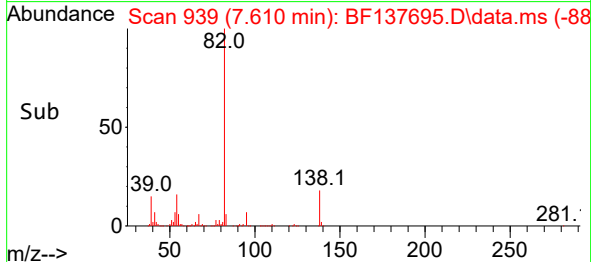
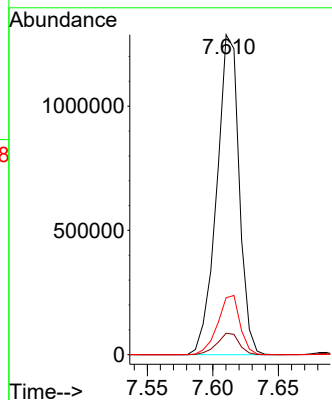
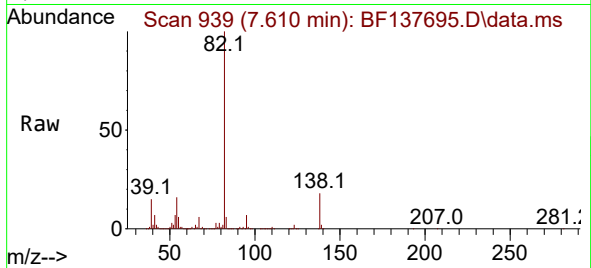




#25  
Isophorone  
Concen: 38.167 ng  
RT: 7.610 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

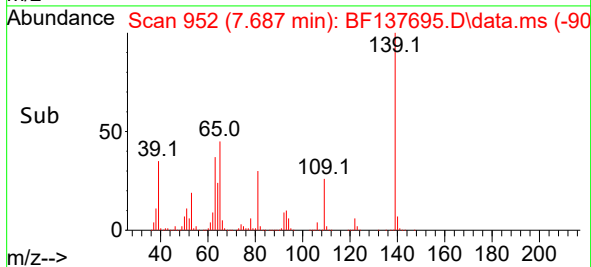
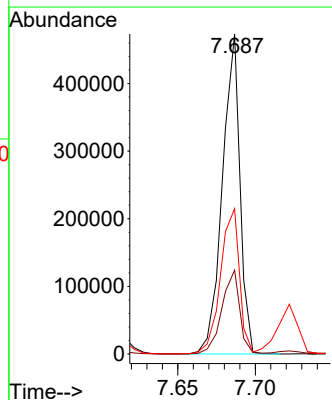
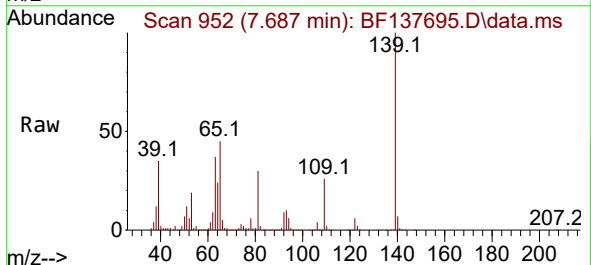
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

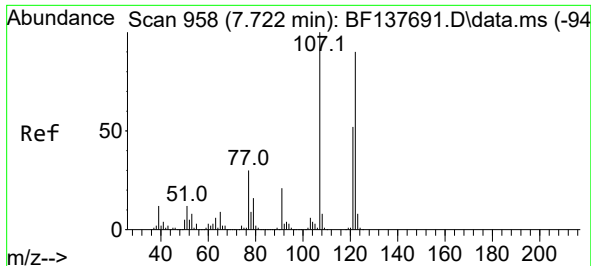
Tgt Ion: 82 Resp: 1533057  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.4 8.0  
138 17.8 14.4 21.6



#26  
2-Nitrophenol  
Concen: 44.443 ng  
RT: 7.687 min Scan# 952  
Delta R.T. -0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion: 139 Resp: 372812  
Ion Ratio Lower Upper  
139 100  
109 26.2 21.2 31.8  
65 45.4 36.7 55.1





#27

2,4-Dimethylphenol

Concen: 38.109 ng

RT: 7.722 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

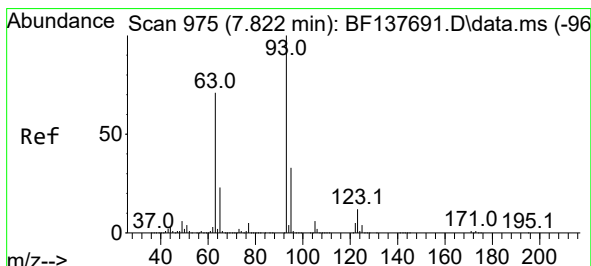
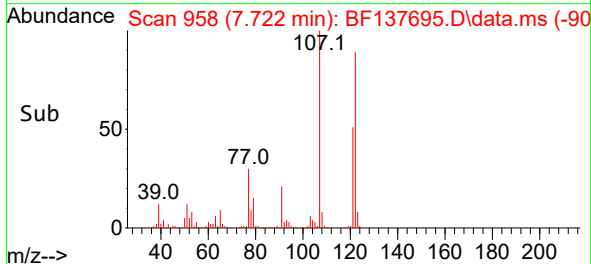
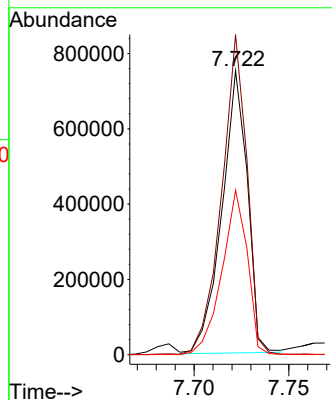
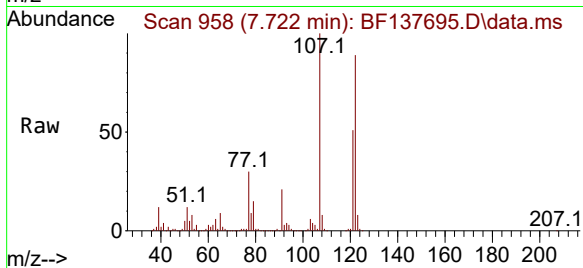
Tgt Ion:122 Resp: 700801

Ion Ratio Lower Upper

122 100

107 112.7 89.4 134.0

121 57.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 38.276 ng

RT: 7.822 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

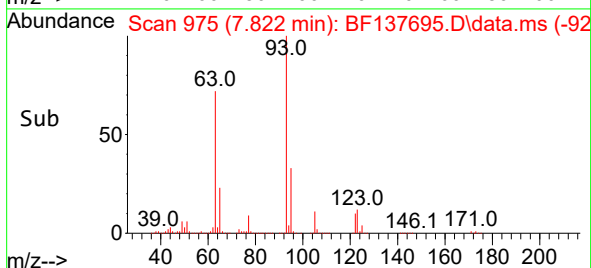
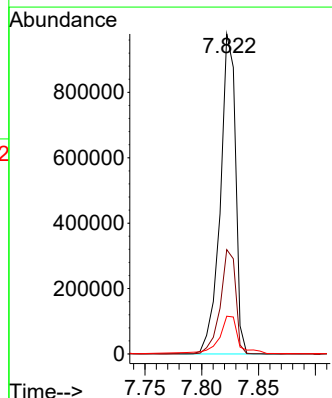
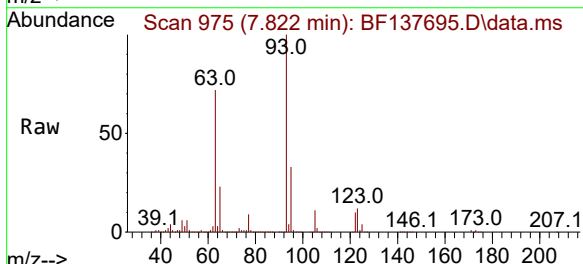
Tgt Ion: 93 Resp: 916556

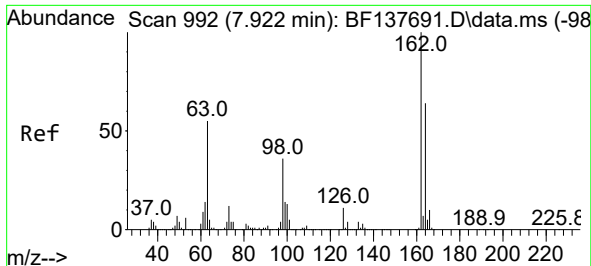
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.8 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 39.790 ng

RT: 7.922 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

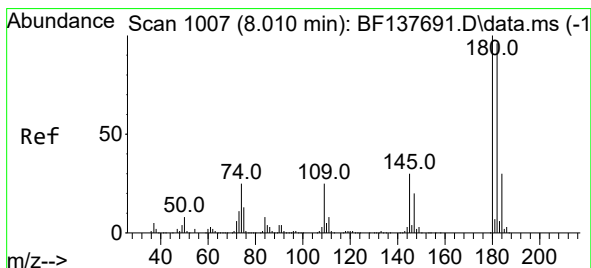
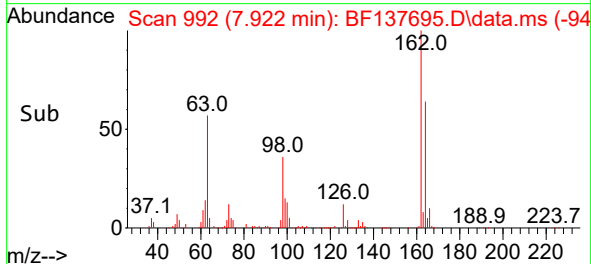
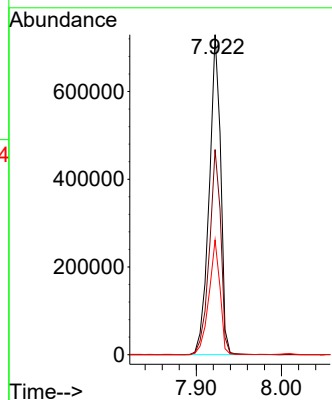
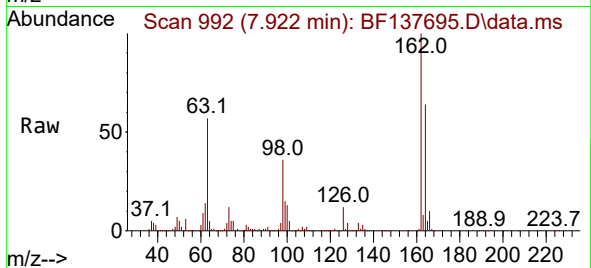
Tgt Ion:162 Resp: 680129

Ion Ratio Lower Upper

162 100

164 64.1 44.3 84.3

98 35.9 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 39.420 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

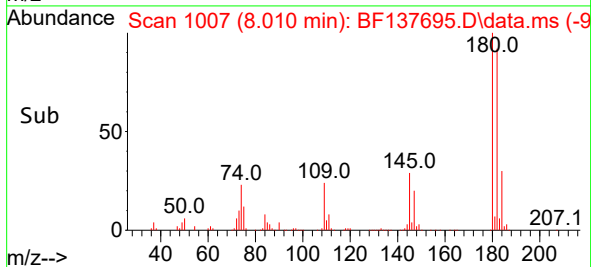
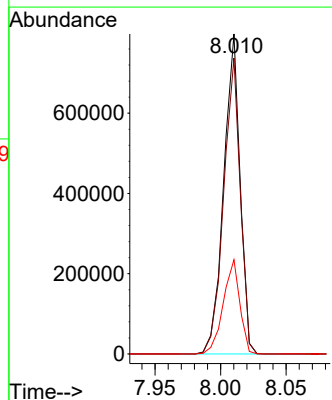
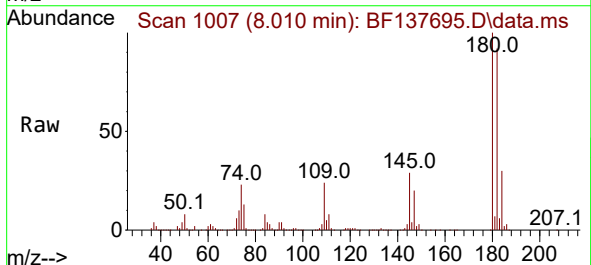
Tgt Ion:180 Resp: 691685

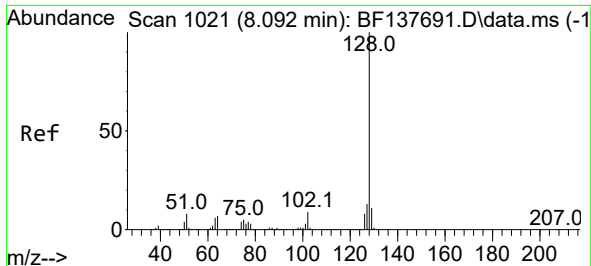
Ion Ratio Lower Upper

180 100

182 92.5 76.4 114.6

145 29.5 23.9 35.9

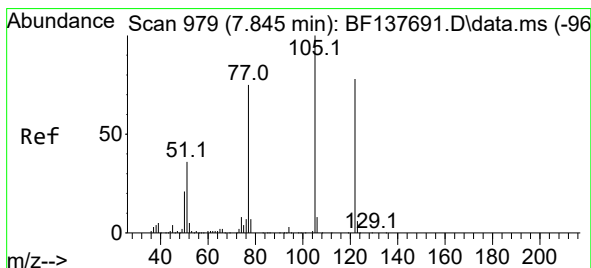
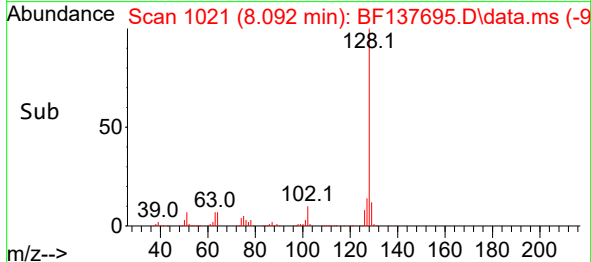
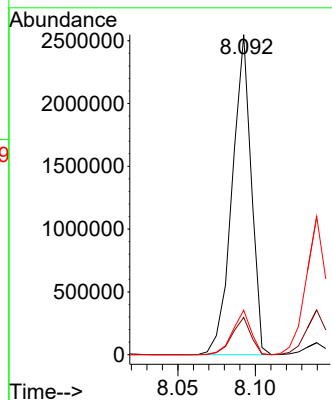
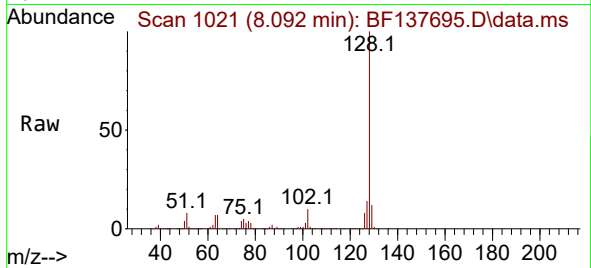




#31  
Naphthalene  
Concen: 37.538 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

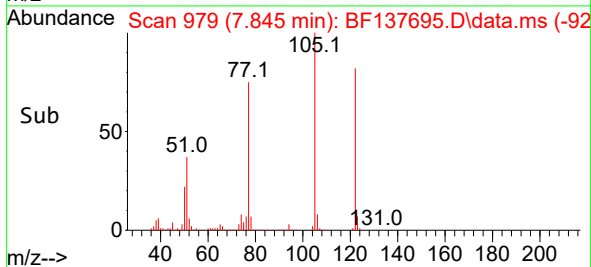
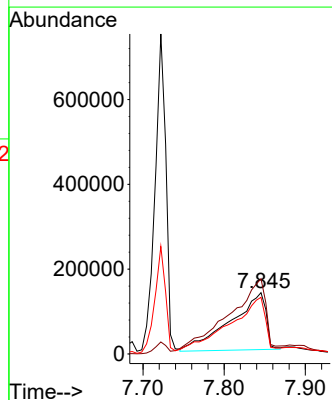
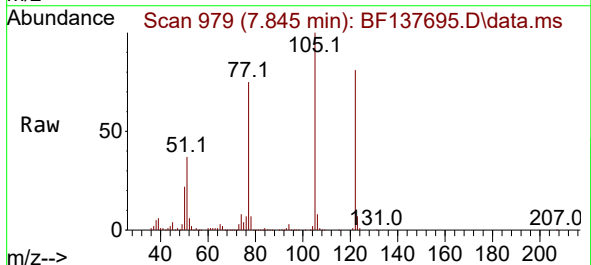
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

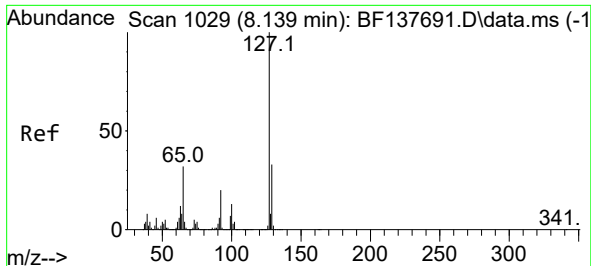
Tgt Ion:128 Resp: 2177775  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.1 13.7  
127 13.9 10.7 16.1



#32  
Benzoic acid  
Concen: 36.753 ng  
RT: 7.845 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:122 Resp: 409329  
Ion Ratio Lower Upper  
122 100  
105 122.7 101.8 141.8  
77 92.4 73.4 113.4

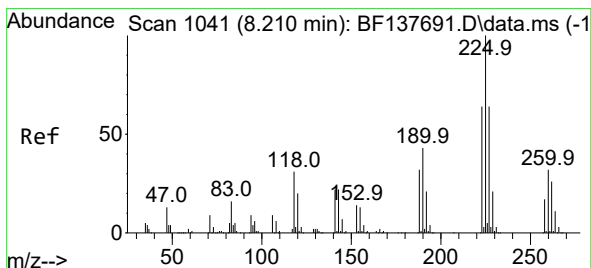
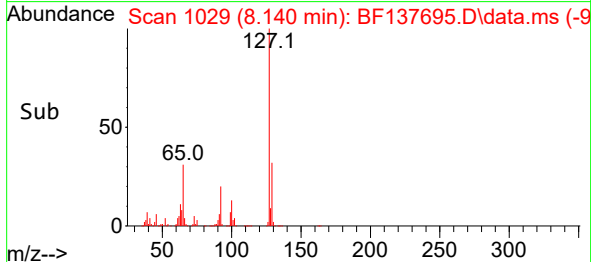
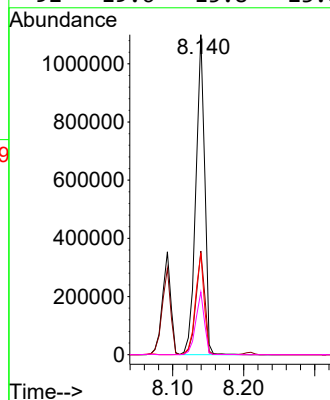
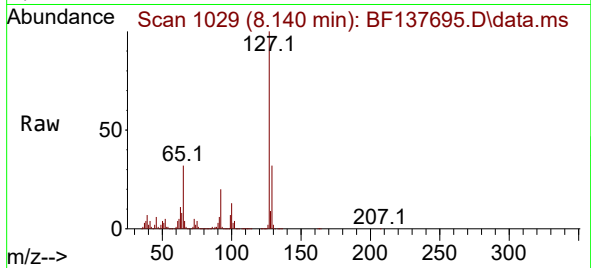




#33  
4-Chloroaniline  
Concen: 38.223 ng  
RT: 8.140 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

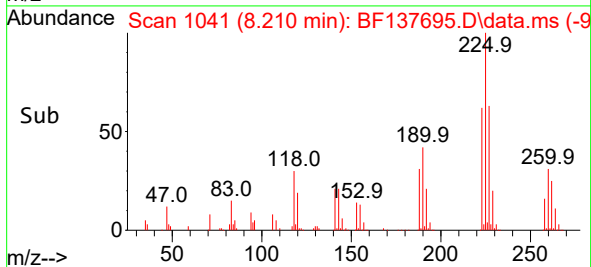
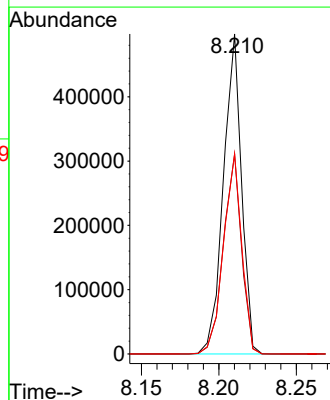
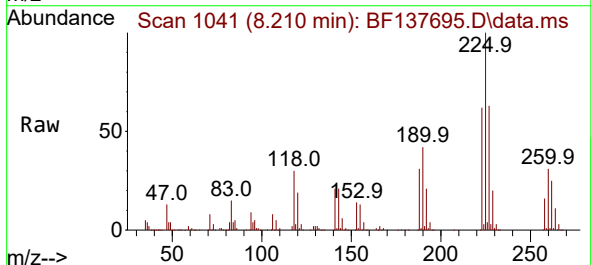
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

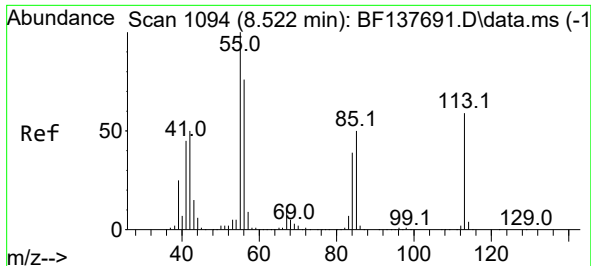
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 956697 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 26.2  | 39.4   |
| 65       | 31.7  | 25.8  | 38.8   |
| 92       | 19.6  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 38.915 ng  
RT: 8.210 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 404014 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 51.2  | 76.8   |
| 227      | 62.5  | 51.0  | 76.4   |

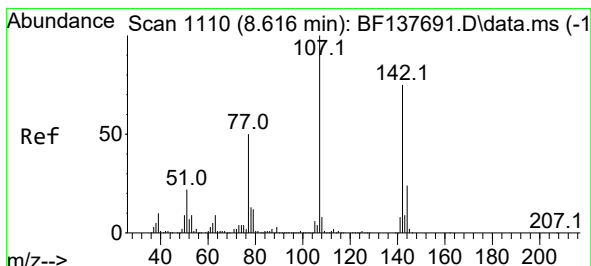
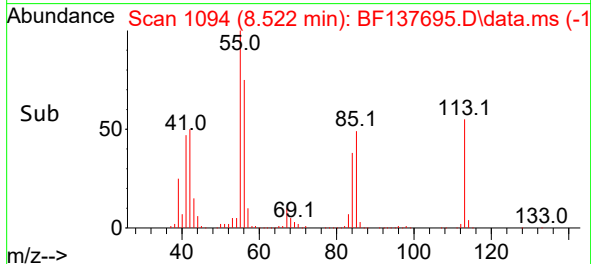
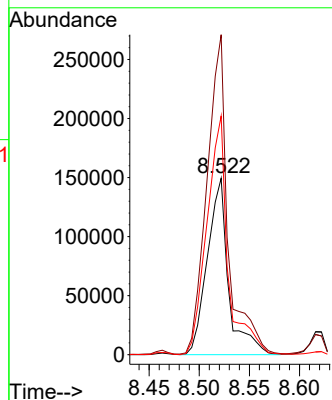
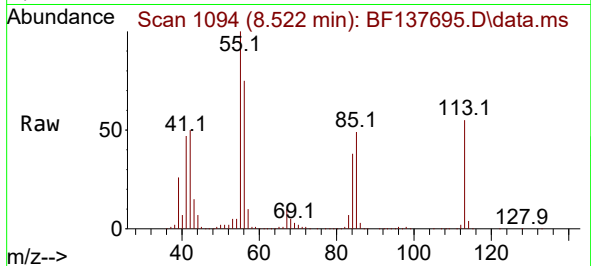




#35  
 Caprolactam  
 Concen: 39.618 ng  
 RT: 8.522 min Scan# 1094  
 Delta R.T. 0.000 min  
 Lab File: BF137695.D  
 Acq: 26 Mar 2024 19:30

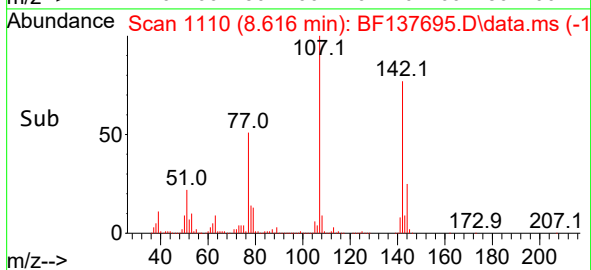
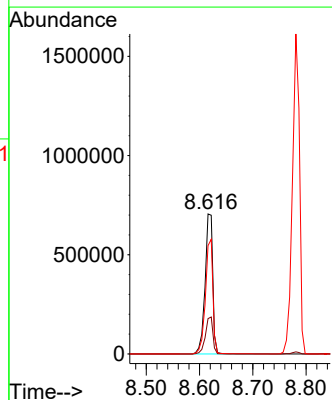
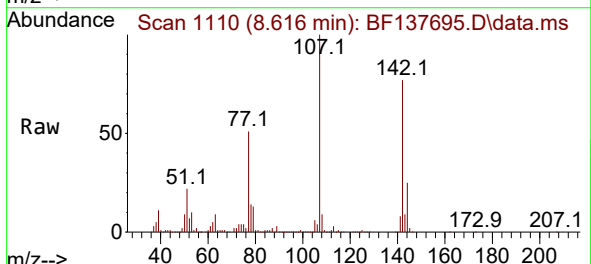
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032624

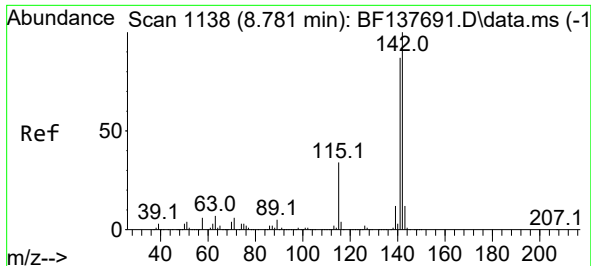
Tgt Ion:113 Resp: 221156  
 Ion Ratio Lower Upper  
 113 100  
 55 181.3 149.6 189.6  
 56 135.2 108.2 148.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.280 ng  
 RT: 8.616 min Scan# 1110  
 Delta R.T. 0.000 min  
 Lab File: BF137695.D  
 Acq: 26 Mar 2024 19:30

Tgt Ion:107 Resp: 704576  
 Ion Ratio Lower Upper  
 107 100  
 144 25.2 19.3 28.9  
 142 77.4 59.8 89.6

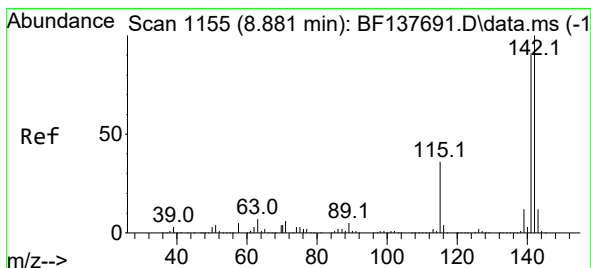
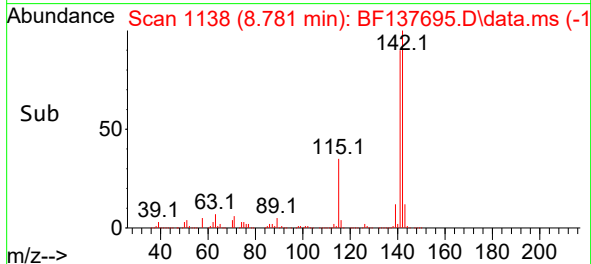
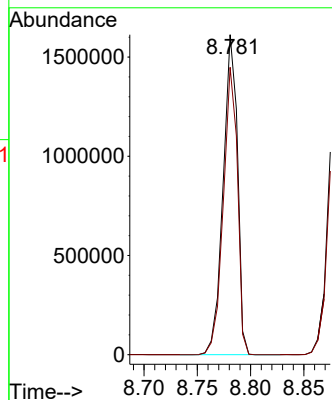
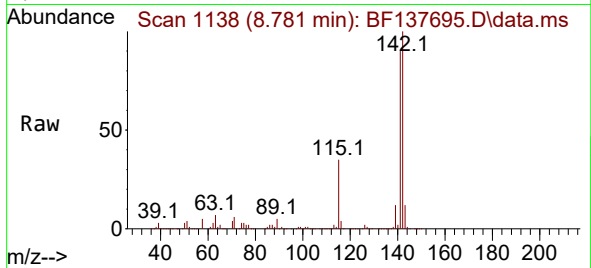




#37  
2-Methylnaphthalene  
Concen: 37.736 ng  
RT: 8.781 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

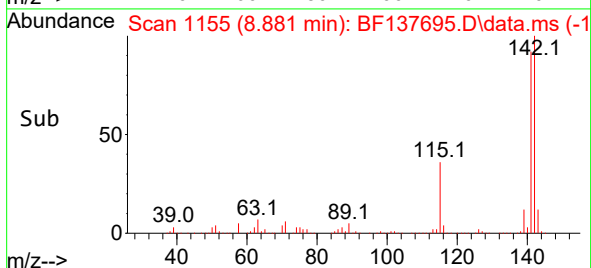
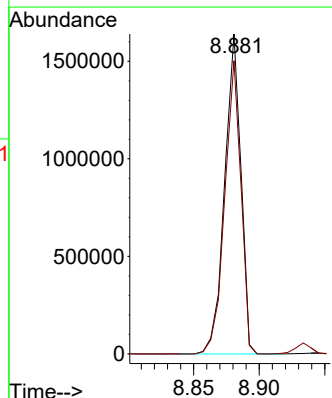
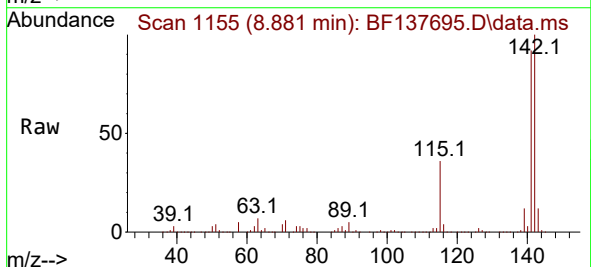
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

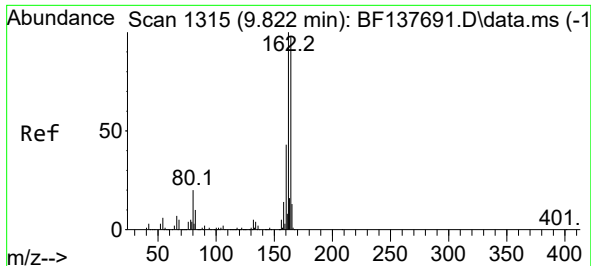
Tgt Ion:142 Resp: 1502931  
Ion Ratio Lower Upper  
142 100  
141 89.8 69.4 104.0



#38  
1-Methylnaphthalene  
Concen: 37.721 ng  
RT: 8.881 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:142 Resp: 1409220  
Ion Ratio Lower Upper  
142 100  
141 91.7 72.8 109.2

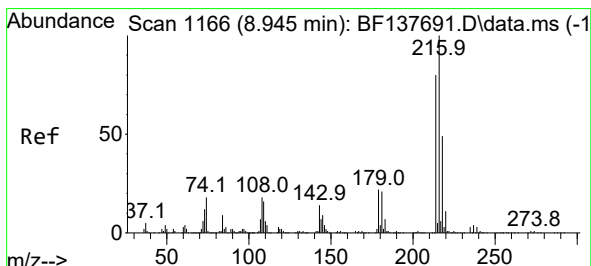
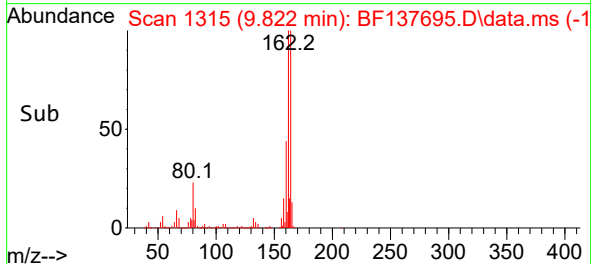
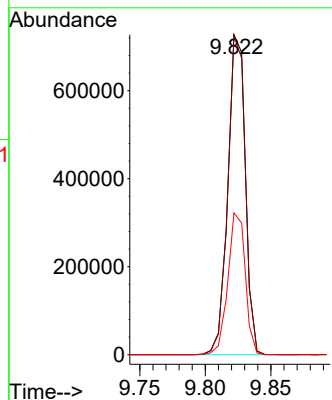
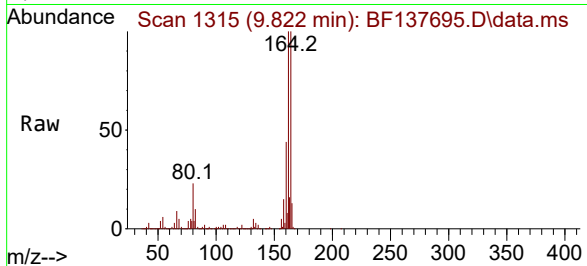




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

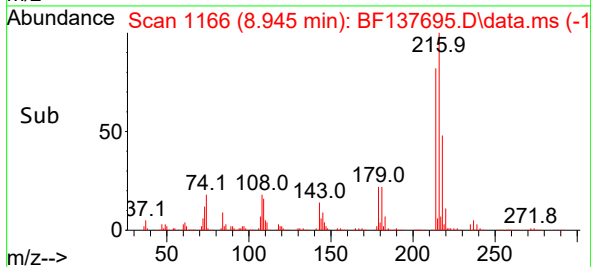
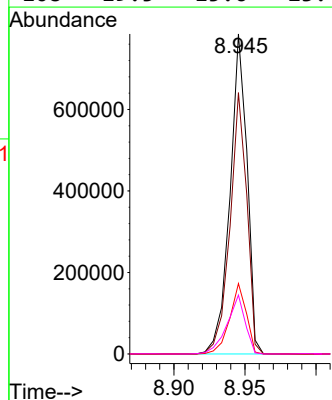
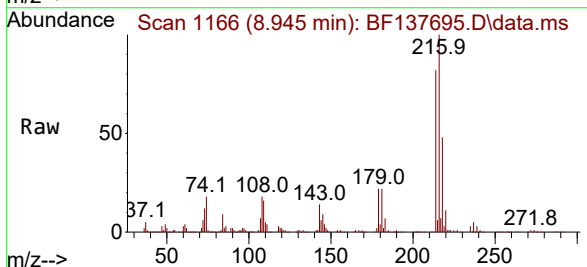
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

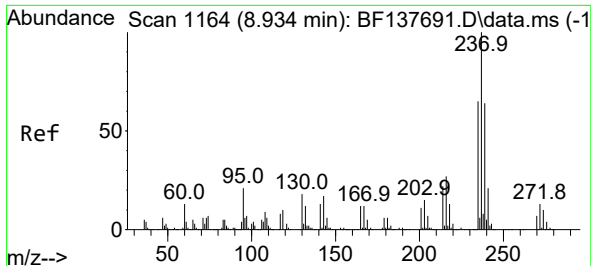
Tgt Ion:164 Resp: 675849  
Ion Ratio Lower Upper  
164 100  
162 99.8 81.5 122.3  
160 44.3 35.0 52.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.101 ng  
RT: 8.945 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:216 Resp: 657020  
Ion Ratio Lower Upper  
216 100  
214 80.3 62.8 94.2  
179 21.5 17.1 25.7  
108 19.5 15.6 23.4

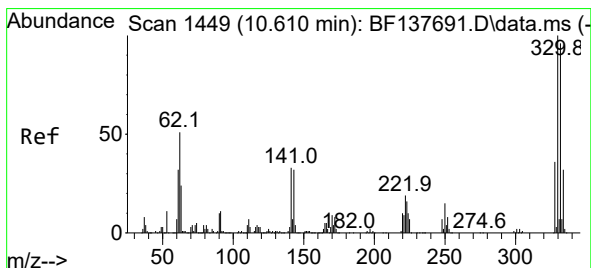
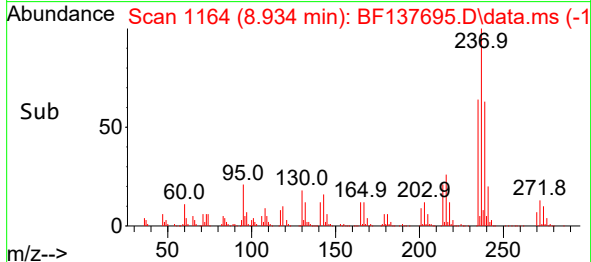
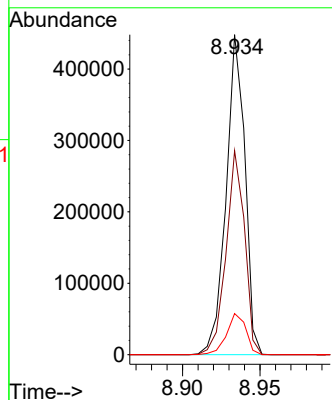
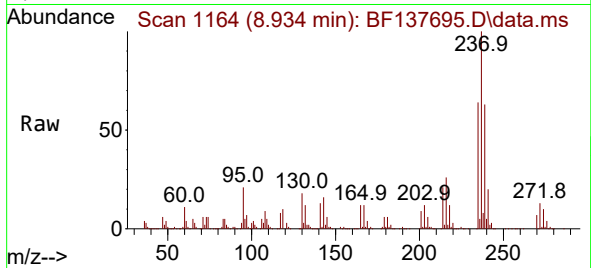




#41  
Hexachlorocyclopentadiene  
Concen: 43.618 ng  
RT: 8.934 min Scan# 1164  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

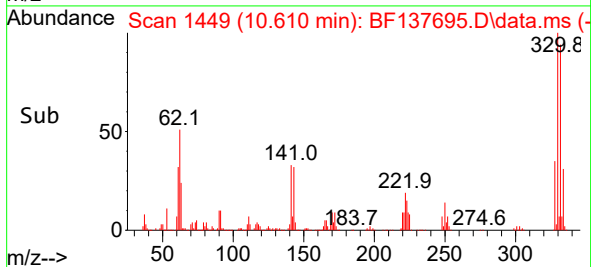
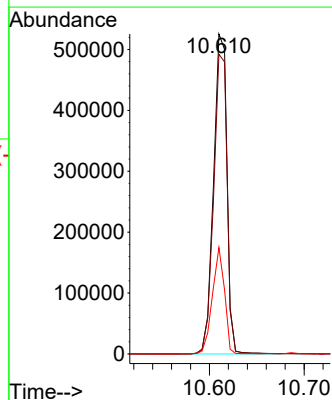
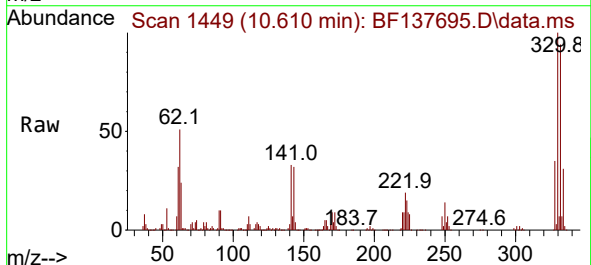
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

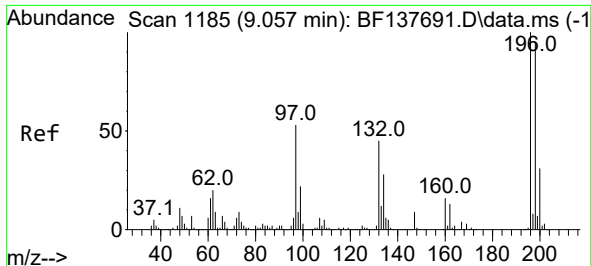
Tgt Ion: 237 Resp: 378205  
Ion Ratio Lower Upper  
237 100  
235 63.8 45.0 85.0  
272 12.8 0.0 32.6



#42  
2,4,6-Tribromophenol  
Concen: 80.885 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion: 330 Resp: 514696  
Ion Ratio Lower Upper  
330 100  
332 94.2 78.0 117.0  
141 30.2 25.0 37.6

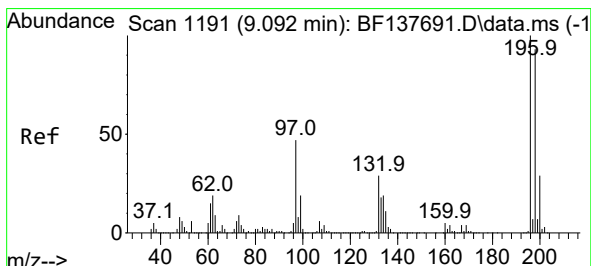
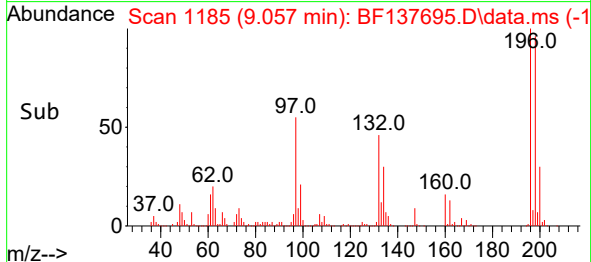
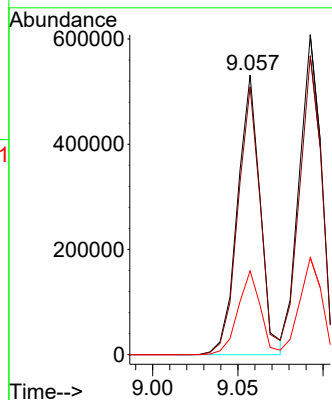
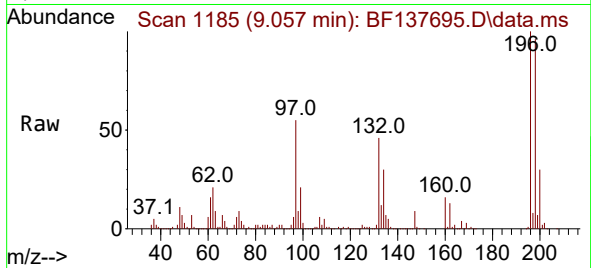




#43  
2,4,6-Trichlorophenol  
Concen: 40.305 ng  
RT: 9.057 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

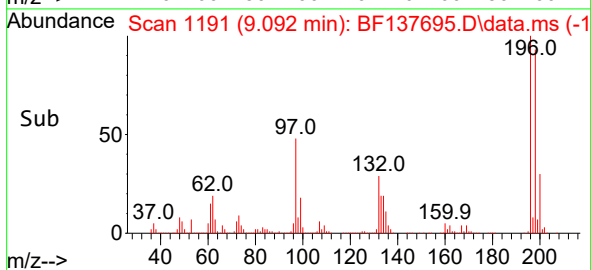
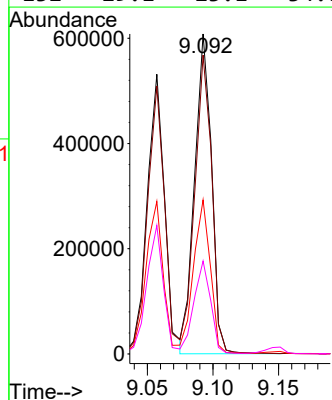
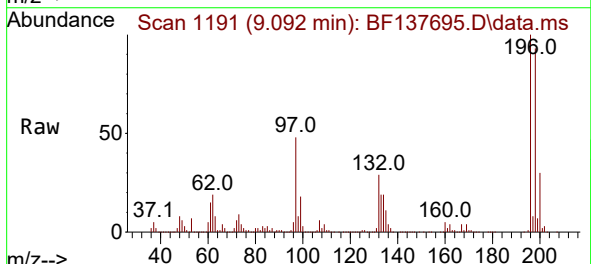
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

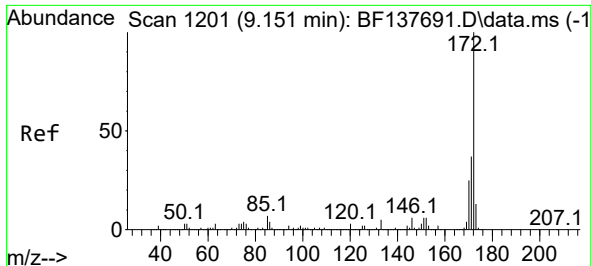
Tgt Ion:196 Resp: 490799  
Ion Ratio Lower Upper  
196 100  
198 95.8 75.7 113.5  
200 30.0 24.4 36.6



#44  
2,4,5-Trichlorophenol  
Concen: 39.825 ng  
RT: 9.092 min Scan# 1191  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:196 Resp: 548010  
Ion Ratio Lower Upper  
196 100  
198 93.4 74.1 111.1  
97 48.1 38.2 57.2  
132 29.1 23.1 34.7

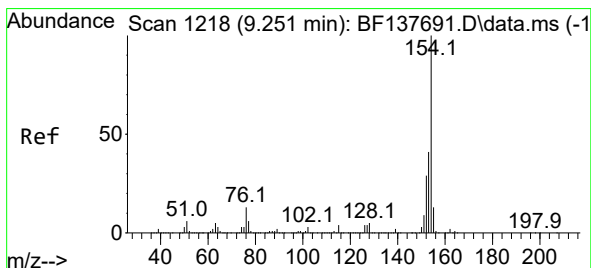
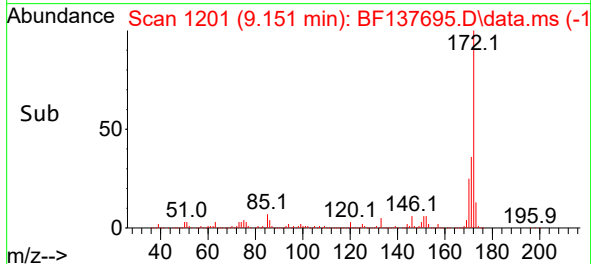
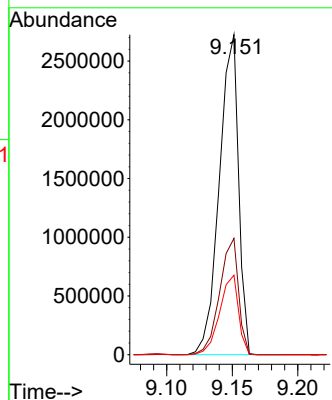
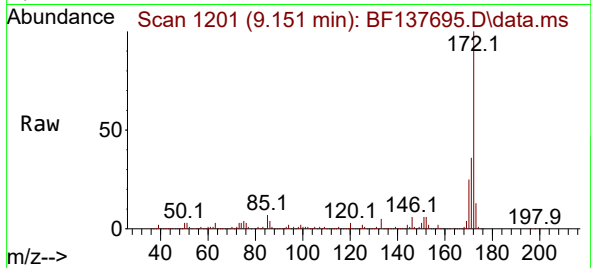




#45  
2-Fluorobiphenyl  
Concen: 76.116 ng  
RT: 9.151 min Scan# 1201  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

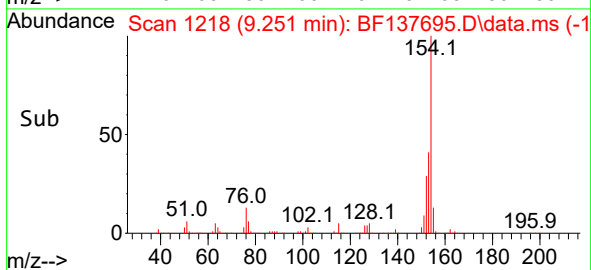
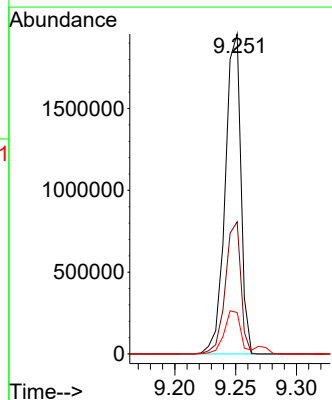
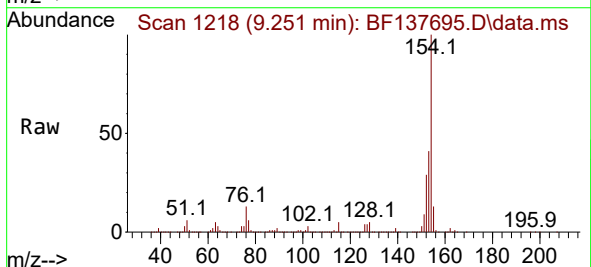
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

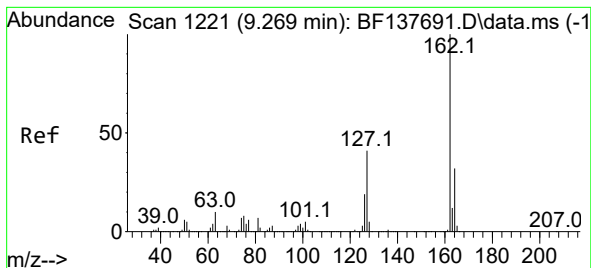
Tgt Ion:172 Resp: 2770121  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.5 44.3  
170 24.9 19.8 29.6



#46  
1,1'-Biphenyl  
Concen: 36.834 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:154 Resp: 1754686  
Ion Ratio Lower Upper  
154 100  
153 41.3 21.2 61.2  
76 13.0 0.0 32.7





#47

2-Chloronaphthalene

Concen: 37.408 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.006 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

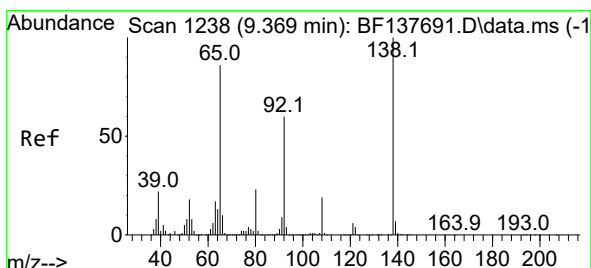
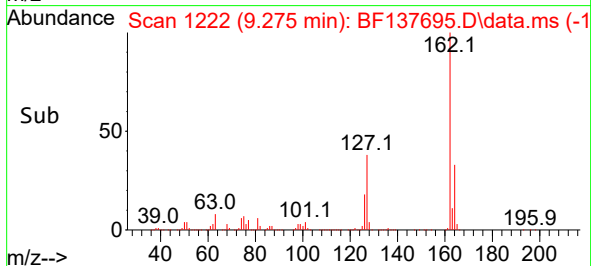
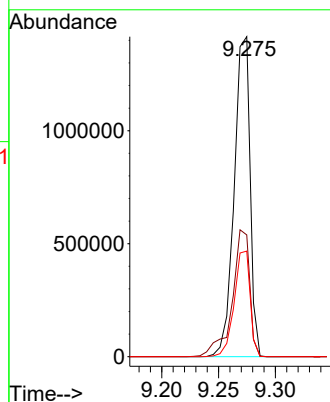
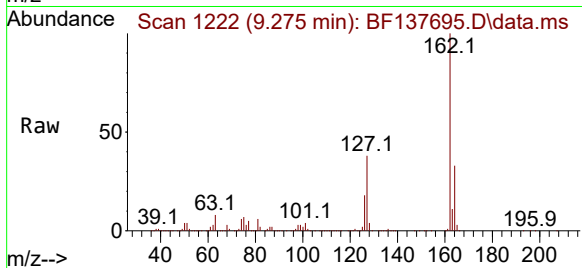
Tgt Ion:162 Resp: 1379245

Ion Ratio Lower Upper

162 100

127 38.1 32.9 49.3

164 33.0 26.0 39.0



#48

2-Nitroaniline

Concen: 43.632 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

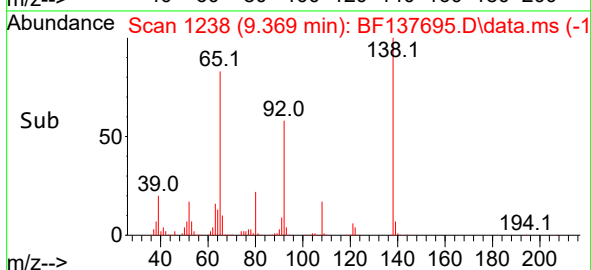
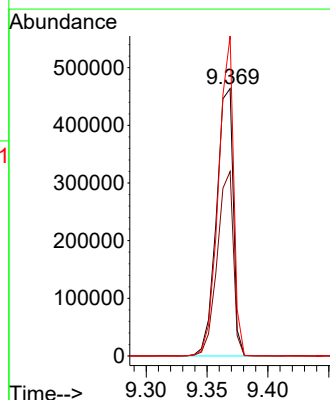
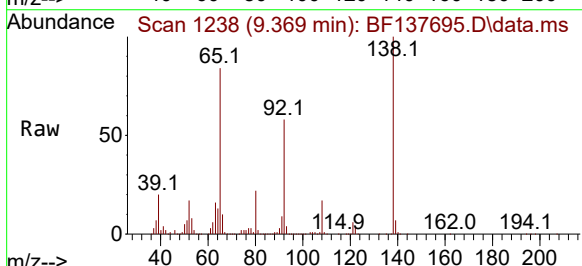
Tgt Ion: 65 Resp: 444901

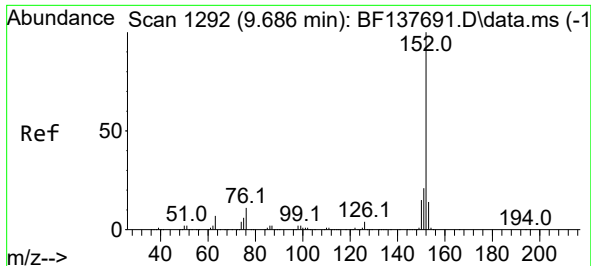
Ion Ratio Lower Upper

65 100

92 69.0 55.7 83.5

138 119.7 93.0 139.4

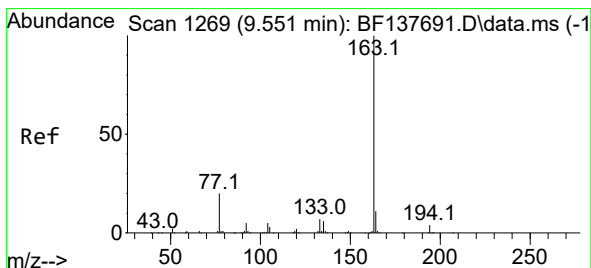
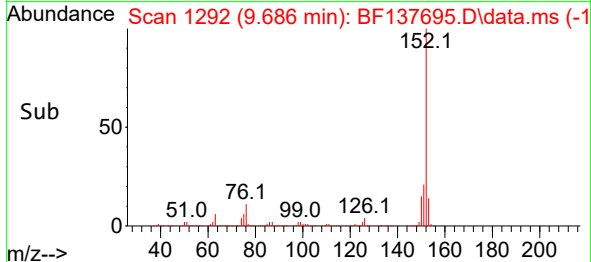
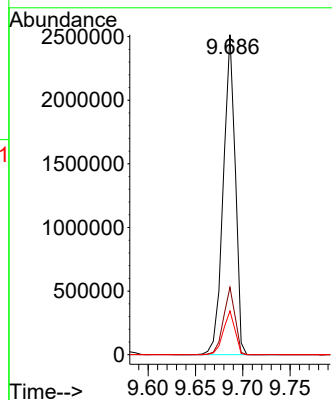
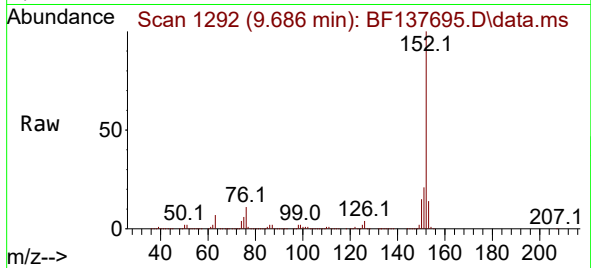




#49  
Acenaphthylene  
Concen: 37.357 ng  
RT: 9.686 min Scan# 1292  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

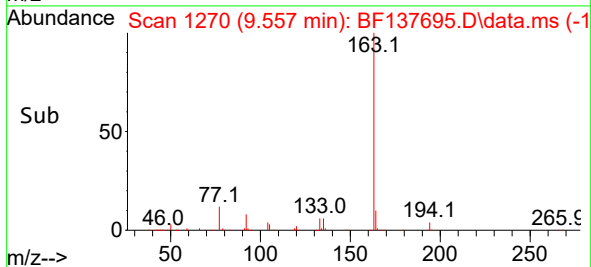
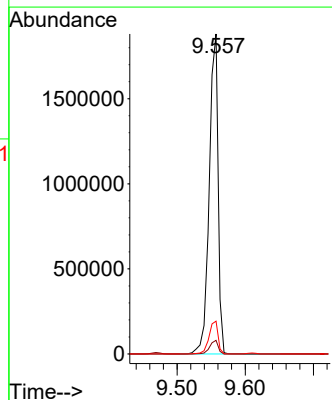
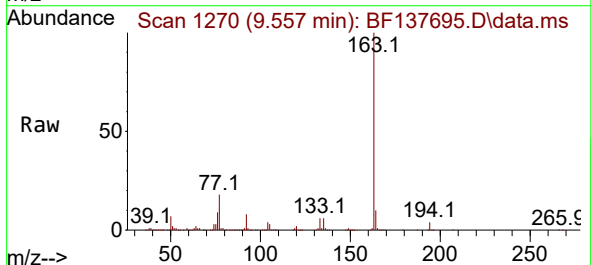
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

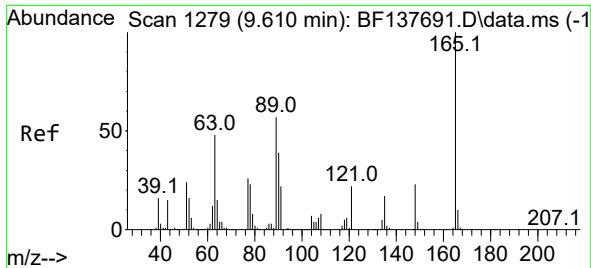
Tgt Ion:152 Resp: 2215571  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.8 25.2  
153 13.7 11.2 16.8



#50  
Dimethylphthalate  
Concen: 37.405 ng  
RT: 9.557 min Scan# 1270  
Delta R.T. 0.006 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:163 Resp: 1701299  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.1 4.7  
164 10.2 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 42.700 ng

RT: 9.610 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

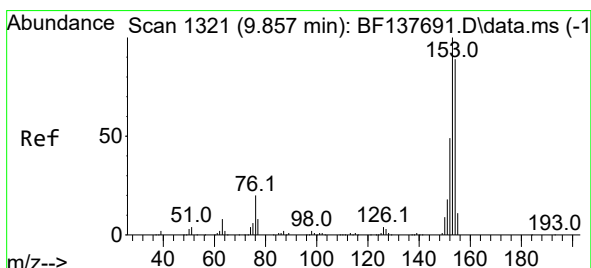
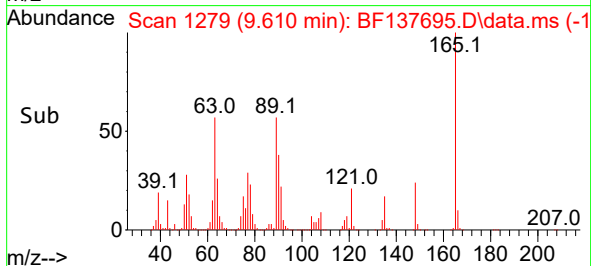
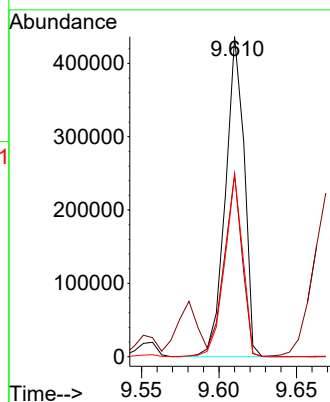
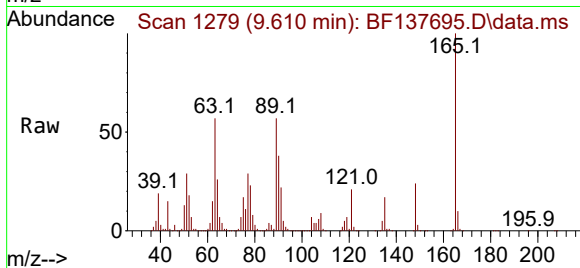
Tgt Ion:165 Resp: 367206

Ion Ratio Lower Upper

165 100

63 57.1 47.5 71.3

89 56.8 45.6 68.4



#52

Acenaphthene

Concen: 37.570 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

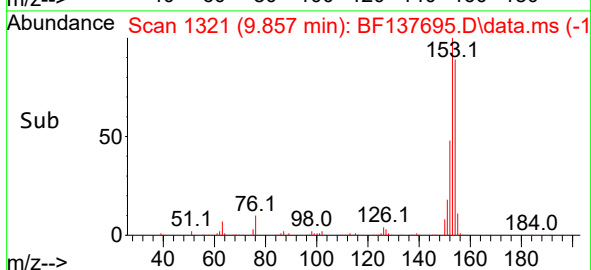
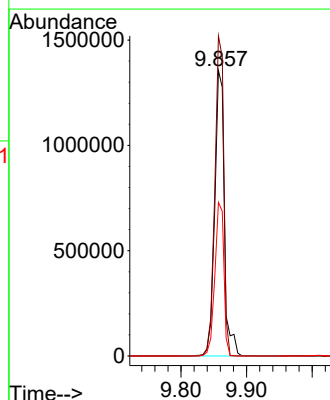
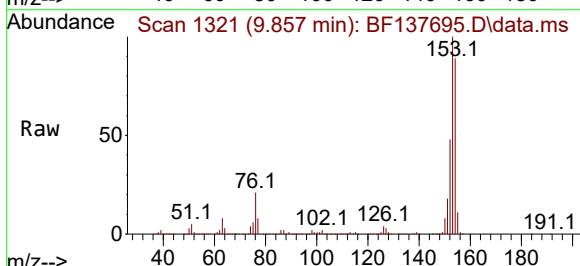
Tgt Ion:154 Resp: 1380888

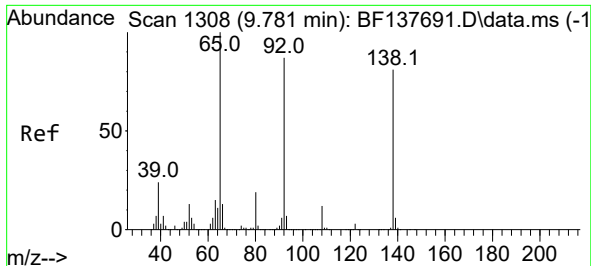
Ion Ratio Lower Upper

154 100

153 112.1 89.8 134.6

152 53.8 43.7 65.5

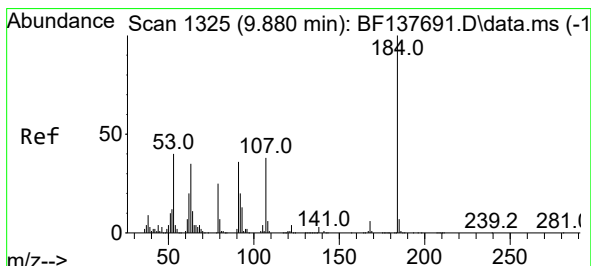
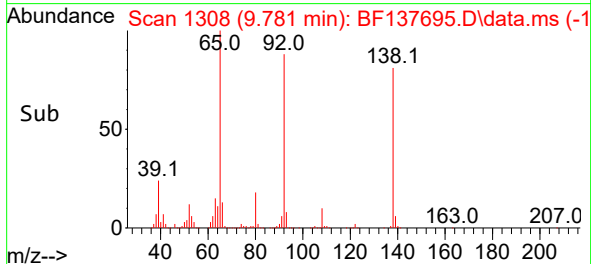
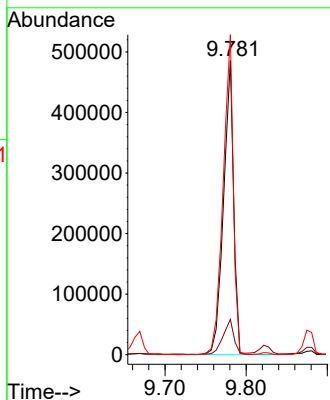
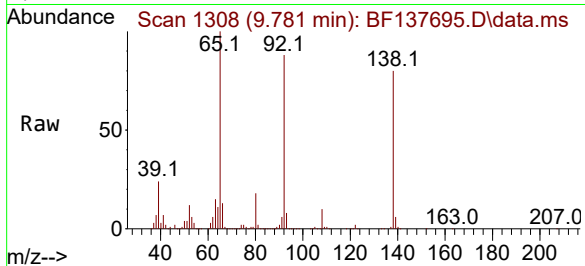




#53  
3-Nitroaniline  
Concen: 42.224 ng  
RT: 9.781 min Scan# 1308  
Delta R.T. -0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

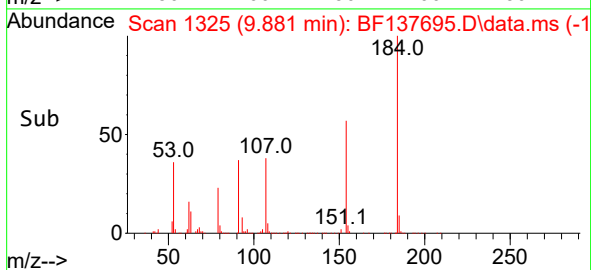
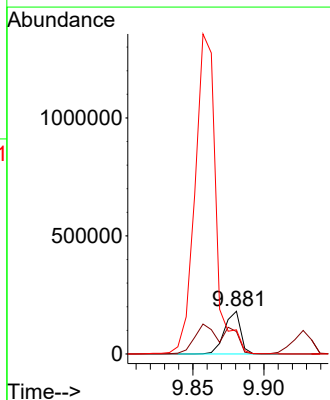
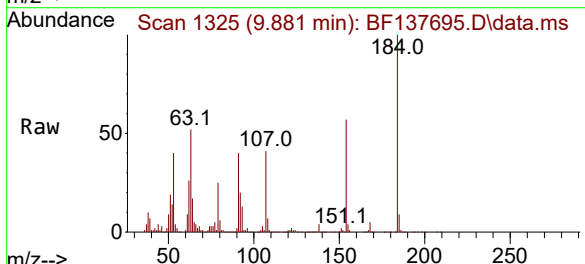
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

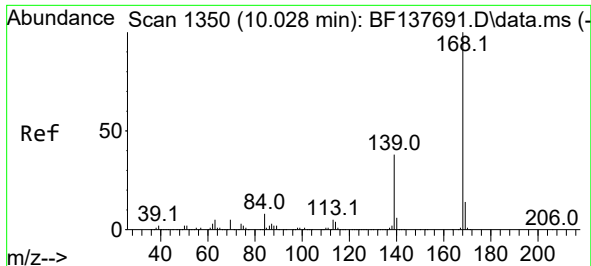
Tgt Ion:138 Resp: 421644  
Ion Ratio Lower Upper  
138 100  
108 12.1 11.8 17.8  
92 108.8 86.6 129.8



#54  
2,4-Dinitrophenol  
Concen: 47.565 ng  
RT: 9.881 min Scan# 1325  
Delta R.T. 0.001 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:184 Resp: 142626  
Ion Ratio Lower Upper  
184 100  
63 52.4 41.0 61.4  
154 56.8 44.8 67.2





#55

Dibenzenofuran

Concen: 37.182 ng

RT: 10.028 min Scan# 1350

Delta R.T. -0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

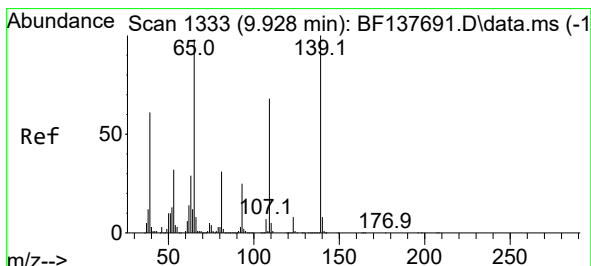
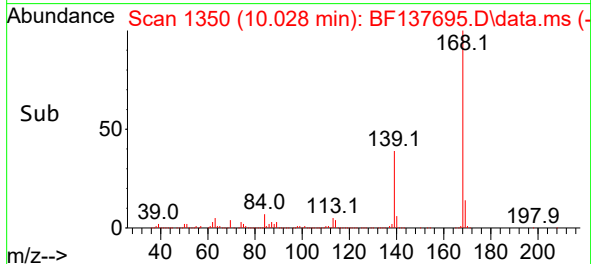
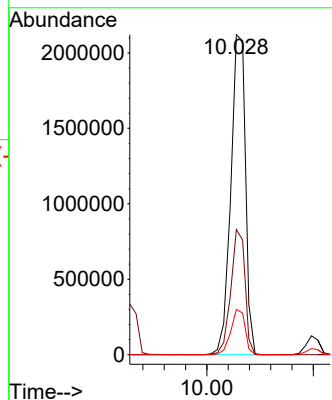
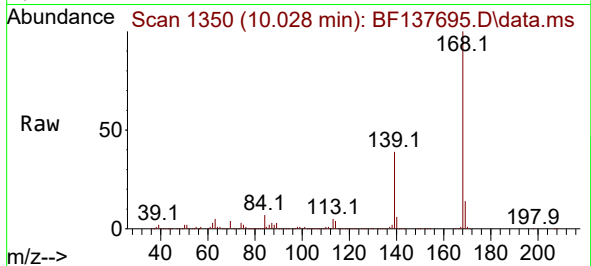
Tgt Ion:168 Resp: 2032890

Ion Ratio Lower Upper

168 100

139 39.1 30.6 45.8

169 14.2 11.1 16.7



#56

4-Nitrophenol

Concen: 42.439 ng

RT: 9.928 min Scan# 1333

Delta R.T. -0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

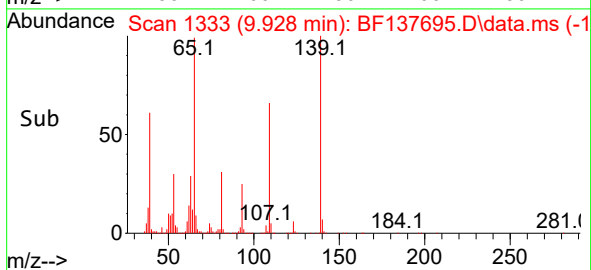
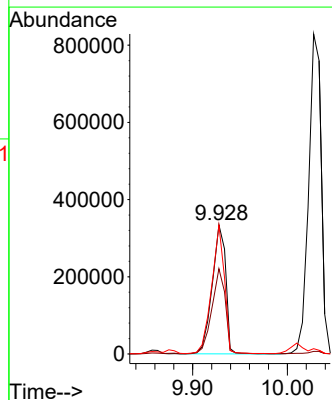
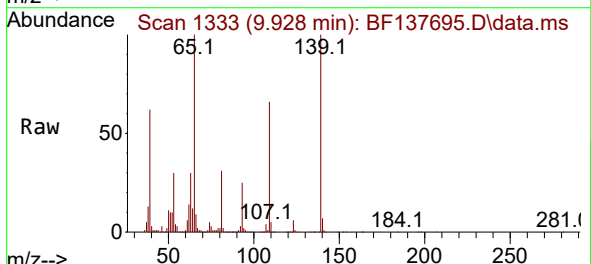
Tgt Ion:139 Resp: 330875

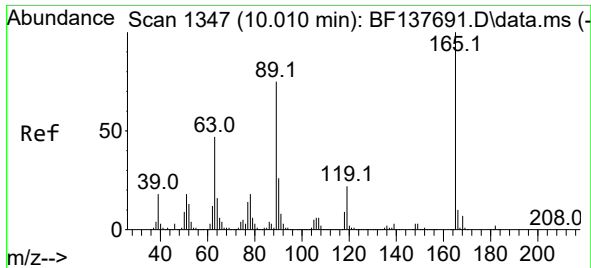
Ion Ratio Lower Upper

139 100

109 66.1 47.9 87.9

65 99.7 77.8 117.8





#57

2,4-Dinitrotoluene

Concen: 44.402 ng

RT: 10.010 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

Tgt Ion:165 Resp: 455730

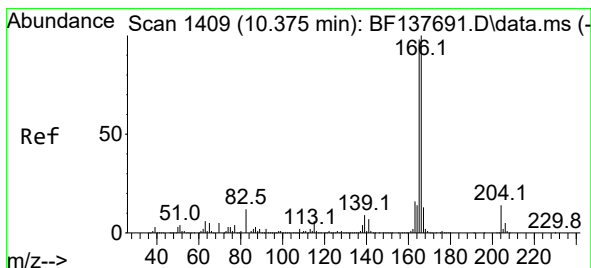
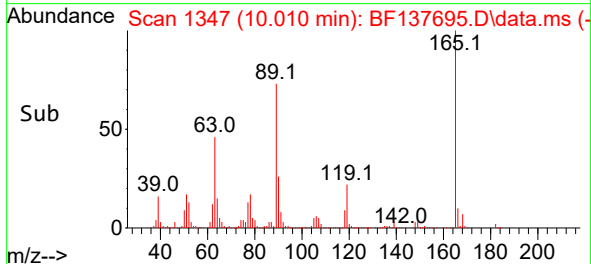
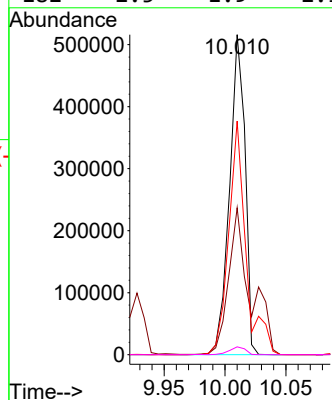
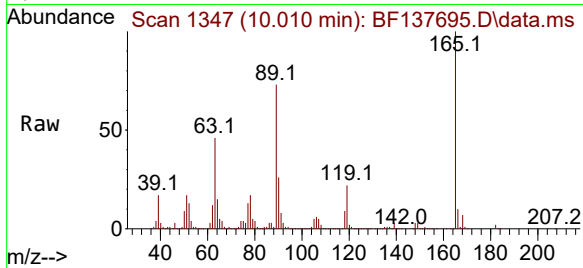
Ion Ratio Lower Upper

165 100

63 45.9 38.1 57.1

89 73.0 60.3 90.5

182 2.5 1.9 2.9



#58

Fluorene

Concen: 39.085 ng

RT: 10.375 min Scan# 1409

Delta R.T. -0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

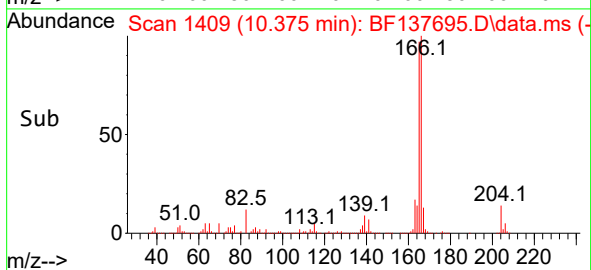
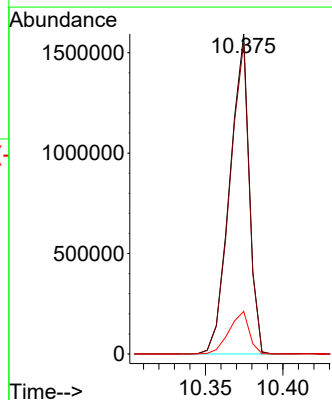
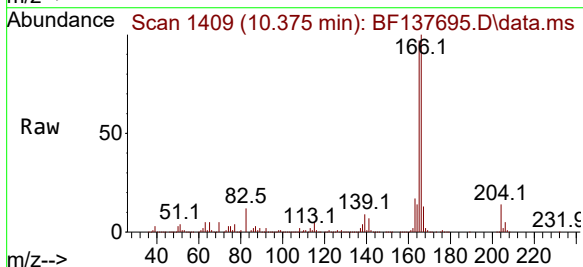
Tgt Ion:166 Resp: 1391617

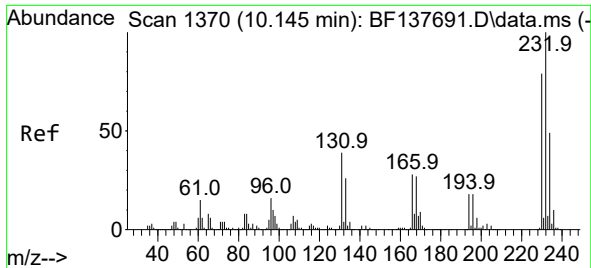
Ion Ratio Lower Upper

166 100

165 97.3 78.2 117.4

167 13.3 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.229 ng

RT: 10.145 min Scan# 1370

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

Tgt Ion:232 Resp: 440616

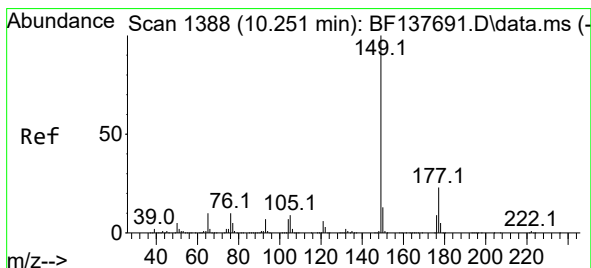
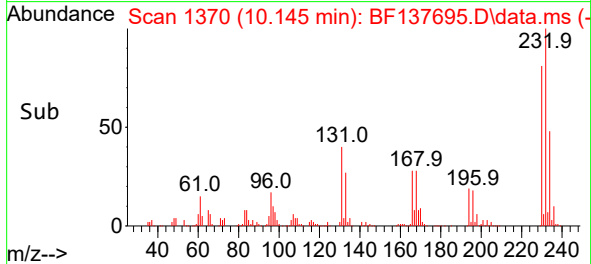
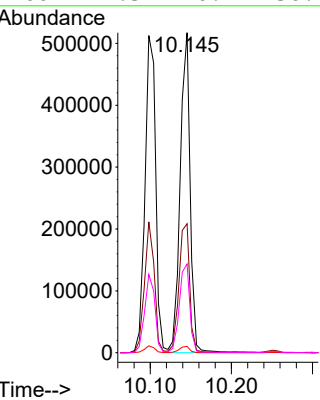
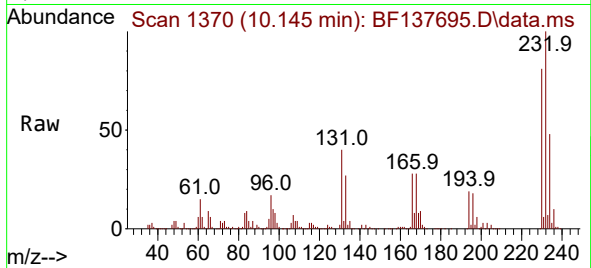
Ion Ratio Lower Upper

232 100

131 43.4 32.5 48.7

130 2.1 1.8 2.6

166 29.3 20.2 30.4



#60

Diethylphthalate

Concen: 37.690 ng

RT: 10.251 min Scan# 1388

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

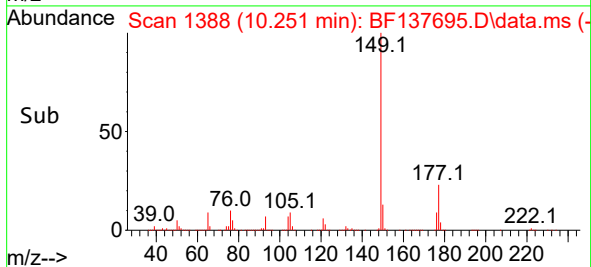
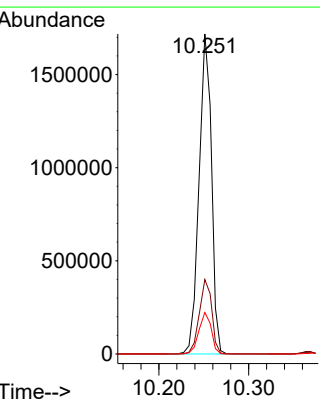
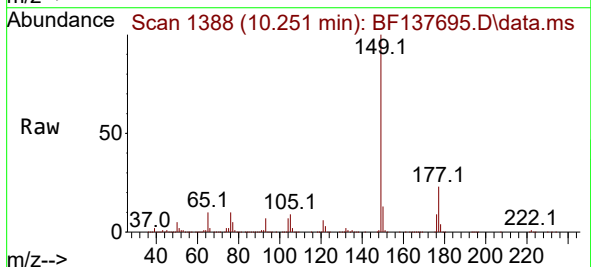
Tgt Ion:149 Resp: 1650809

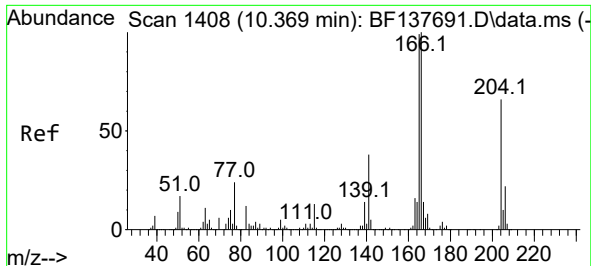
Ion Ratio Lower Upper

149 100

177 23.2 18.2 27.4

150 12.9 10.5 15.7

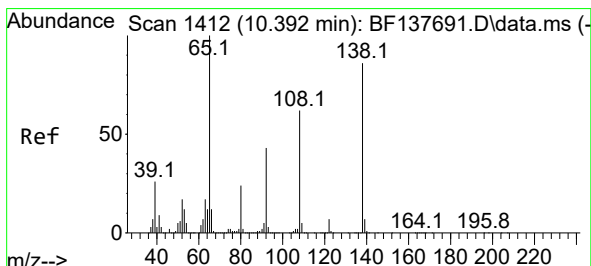
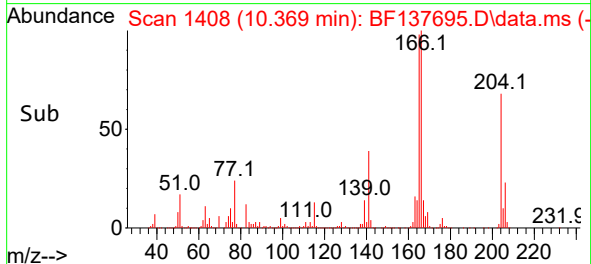
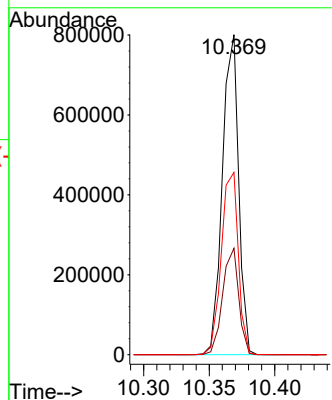
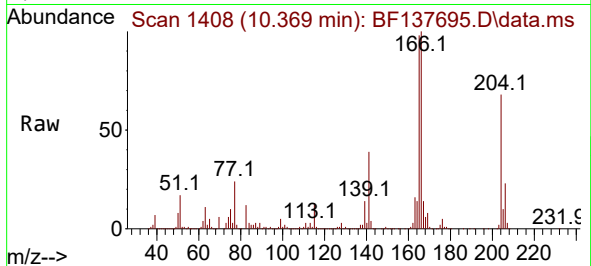




#61  
4-Chlorophenyl-phenylether  
Concen: 40.121 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

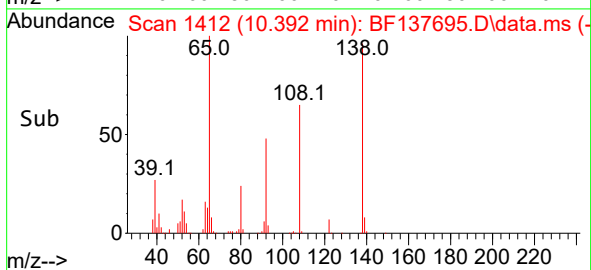
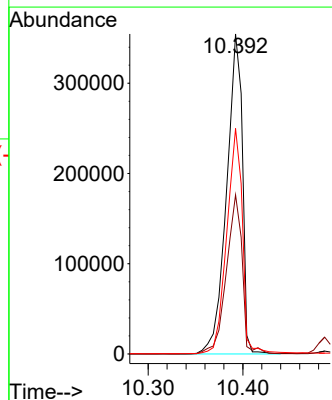
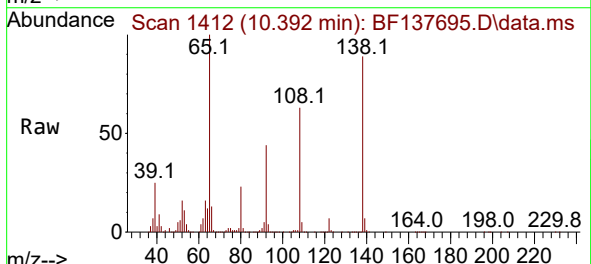
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

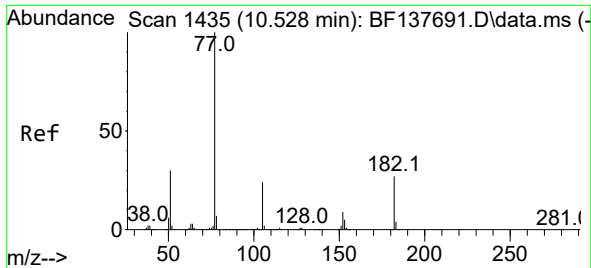
Tgt Ion:204 Resp: 687599  
Ion Ratio Lower Upper  
204 100  
206 33.2 27.3 40.9  
141 57.0 46.2 69.2



#62  
4-Nitroaniline  
Concen: 42.825 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:138 Resp: 410751  
Ion Ratio Lower Upper  
138 100  
92 49.7 30.4 70.4  
108 70.5 52.5 92.5



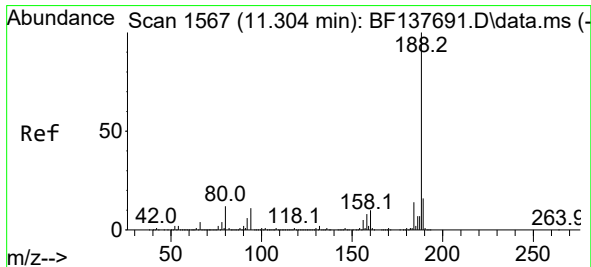
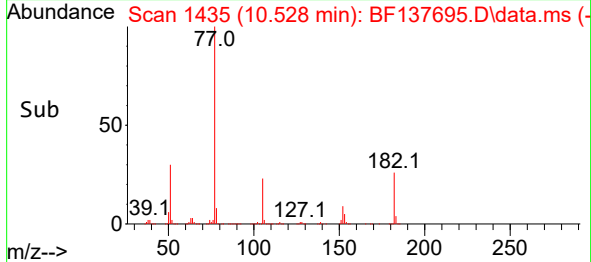
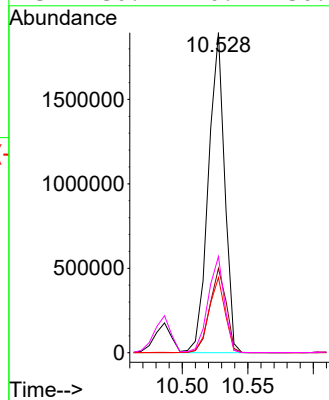
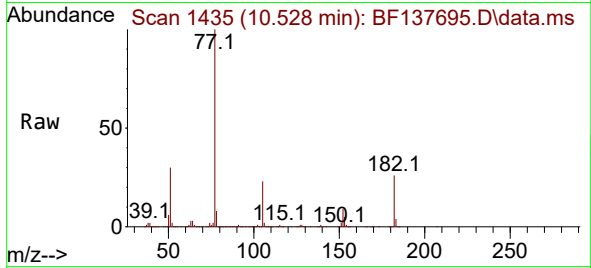


#63  
Azobenzene  
Concen: 37.335 ng  
RT: 10.528 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

Tgt Ion: 77 Resp: 1631373

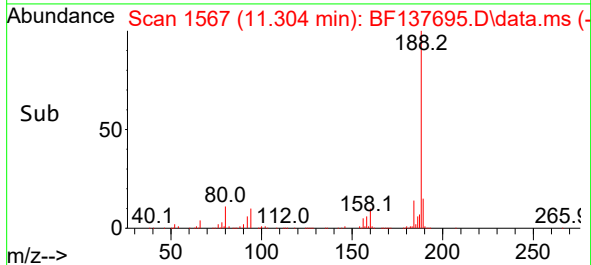
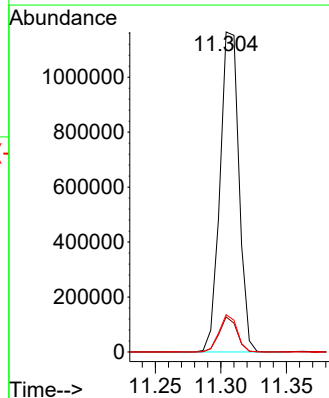
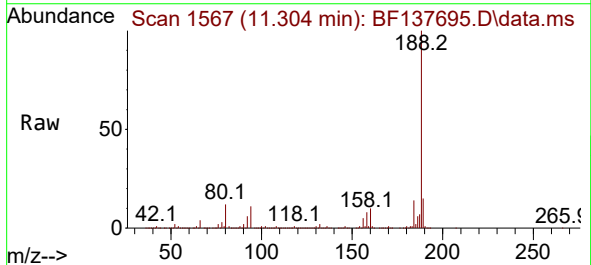
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.3  | 6.9   | 46.9  |
| 105 | 23.4  | 3.6   | 43.6  |
| 51  | 30.1  | 10.2  | 50.2  |

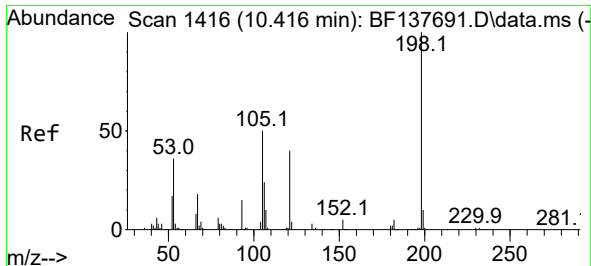


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion: 188 Resp: 1170385

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 11.0  | 9.0   | 13.4  |
| 80  | 11.7  | 9.7   | 14.5  |

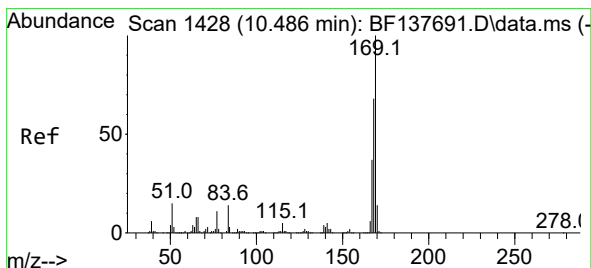
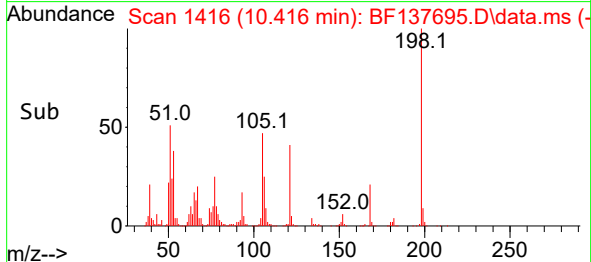
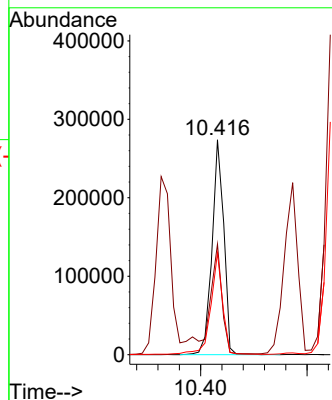
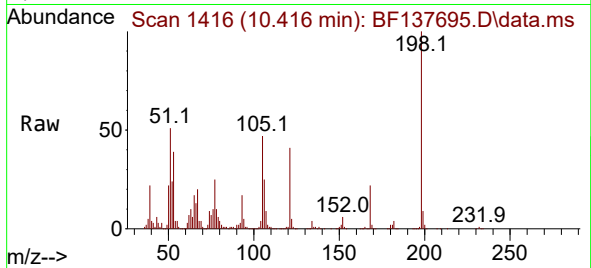




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.536 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

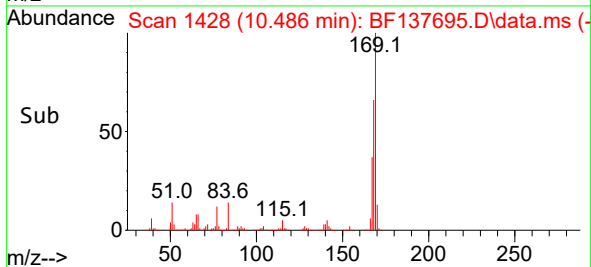
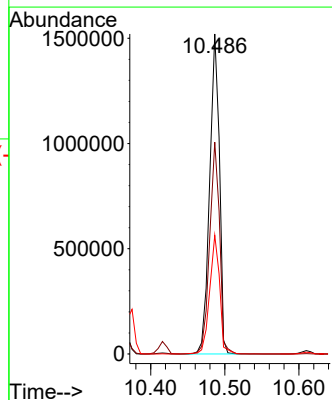
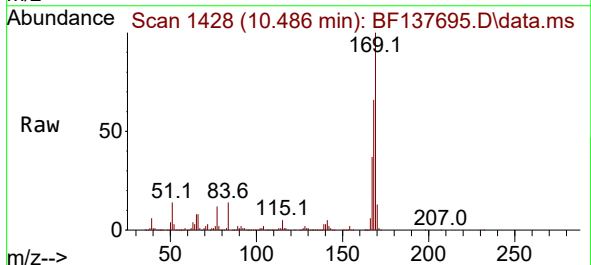
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

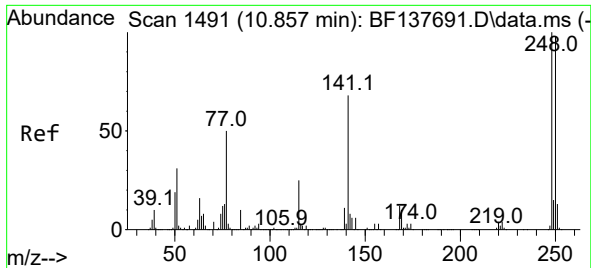
Tgt Ion:198 Resp: 210294  
Ion Ratio Lower Upper  
198 100  
51 51.5 30.7 70.7  
105 47.4 30.0 70.0



#66  
n-Nitrosodiphenylamine  
Concen: 37.251 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:169 Resp: 1389699  
Ion Ratio Lower Upper  
169 100  
168 66.2 54.0 81.0  
167 37.1 29.8 44.8

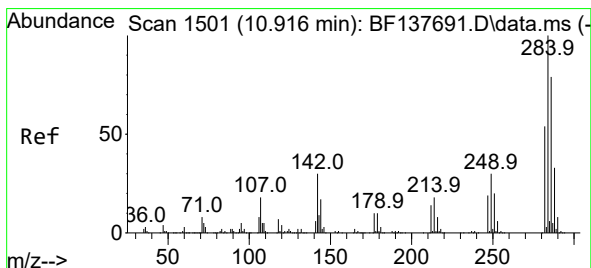
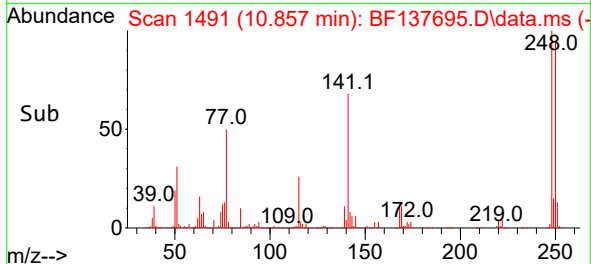
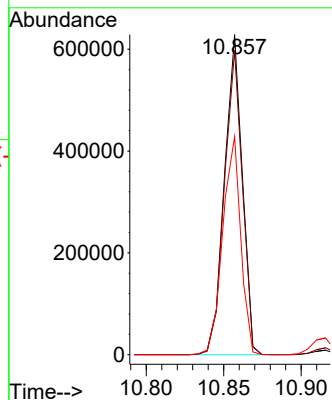
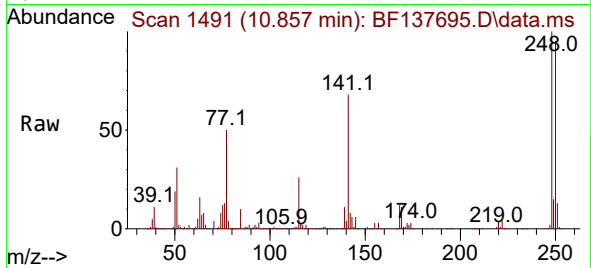




#67  
4-Bromophenyl-phenylether  
Concen: 38.260 ng  
RT: 10.857 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

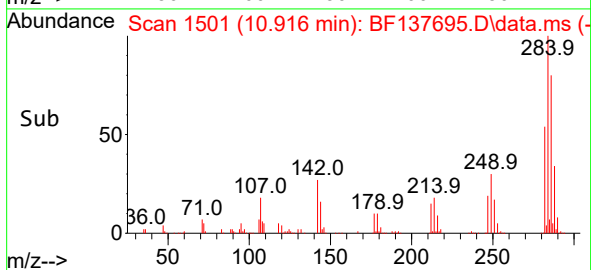
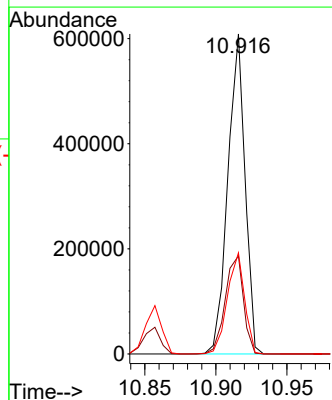
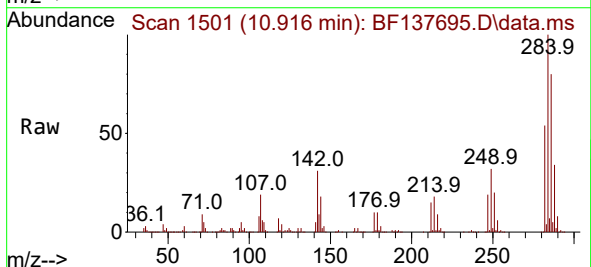
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

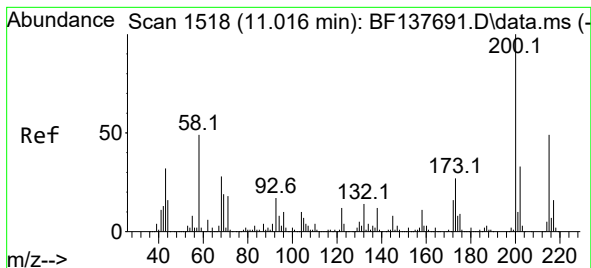
Tgt Ion:248 Resp: 504527  
Ion Ratio Lower Upper  
248 100  
250 95.0 78.5 117.7  
141 68.2 54.5 81.7



#68  
Hexachlorobenzene  
Concen: 37.634 ng  
RT: 10.916 min Scan# 1501  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:284 Resp: 510939  
Ion Ratio Lower Upper  
284 100  
142 30.6 24.1 36.1  
249 31.6 24.3 36.5





#69

Atrazine

Concen: 38.160 ng

RT: 11.016 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

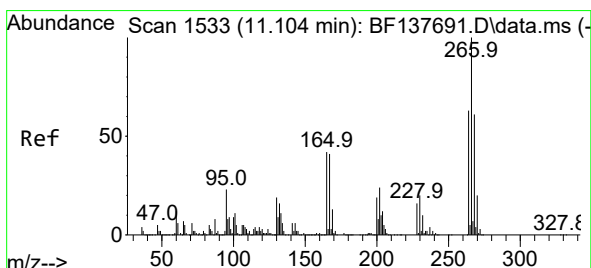
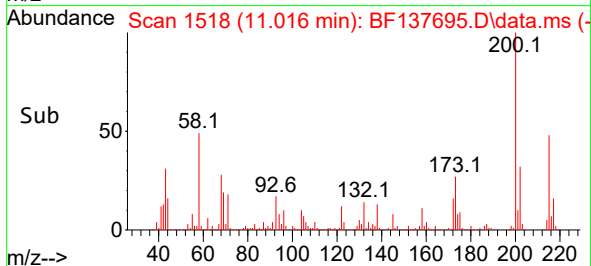
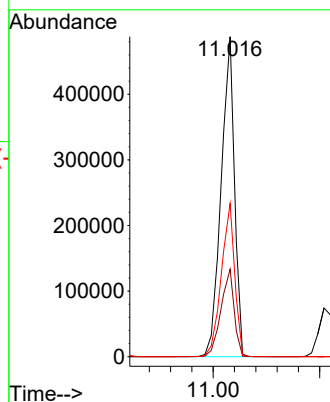
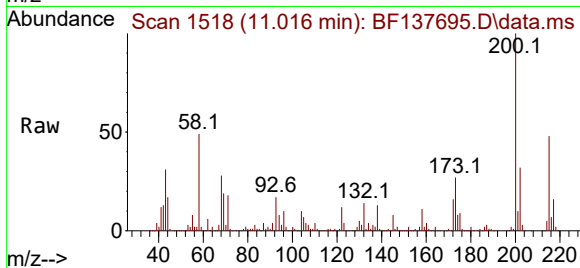
Tgt Ion:200 Resp: 422868

Ion Ratio Lower Upper

200 100

173 27.4 7.2 47.2

215 47.9 29.0 69.0



#70

Pentachlorophenol

Concen: 43.010 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

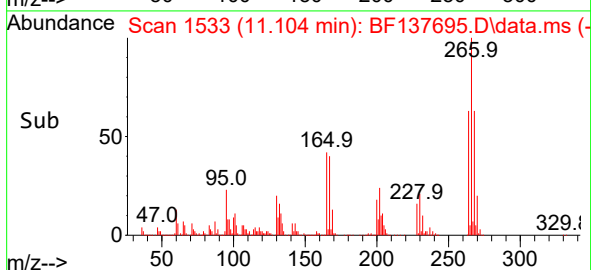
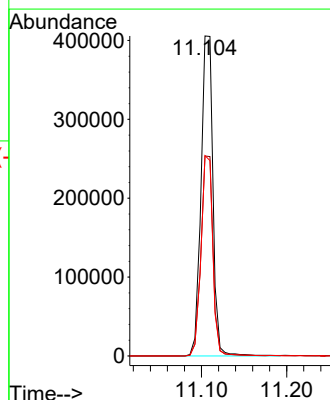
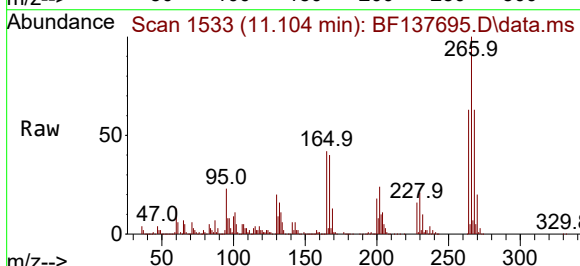
Tgt Ion:266 Resp: 395063

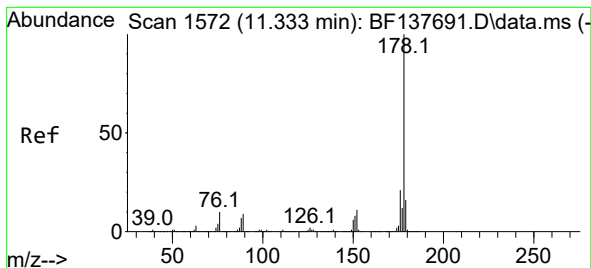
Ion Ratio Lower Upper

266 100

268 62.5 49.0 73.6

264 62.6 50.2 75.2





#71

Phenanthrene

Concen: 36.386 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

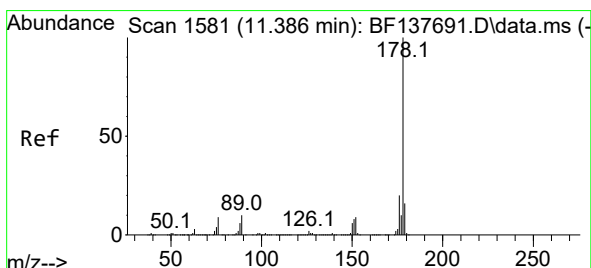
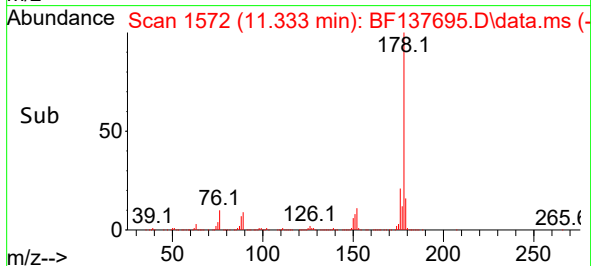
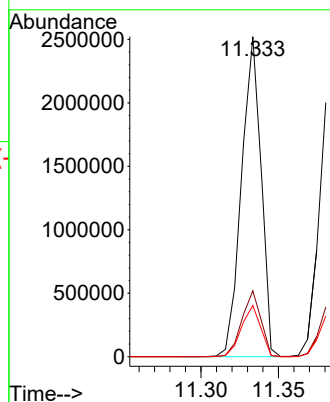
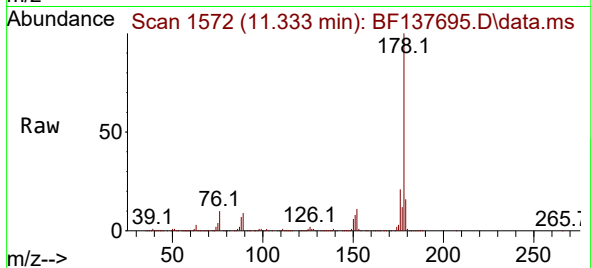
Tgt Ion:178 Resp: 2213321

Ion Ratio Lower Upper

178 100

176 20.6 16.6 25.0

179 16.0 12.7 19.1



#72

Anthracene

Concen: 36.709 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

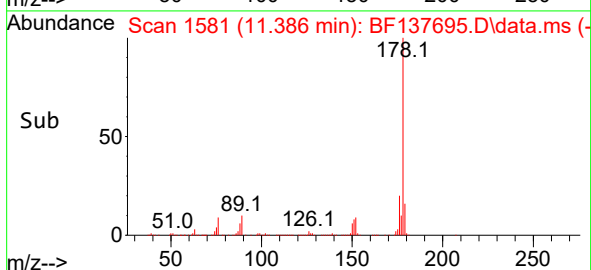
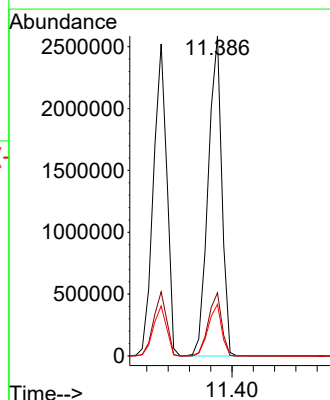
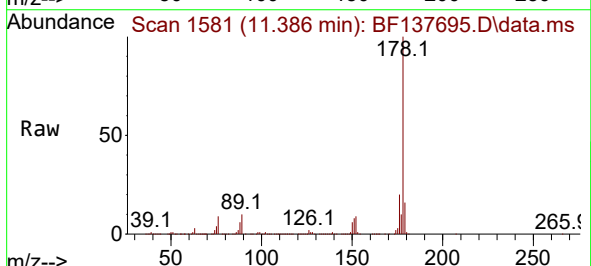
Tgt Ion:178 Resp: 2299318

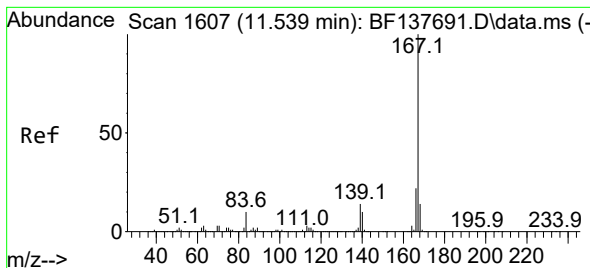
Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

179 16.1 12.6 19.0





#73

Carbazole

Concen: 37.005 ng

RT: 11.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

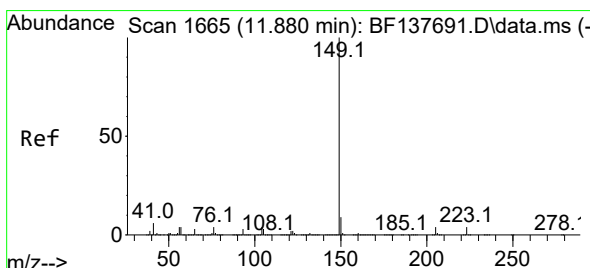
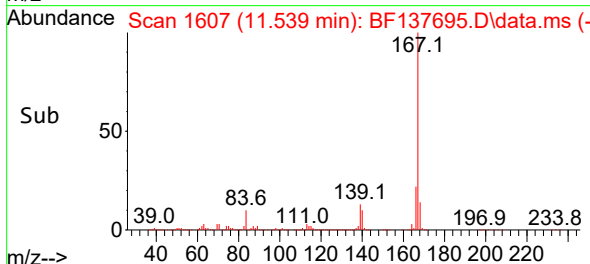
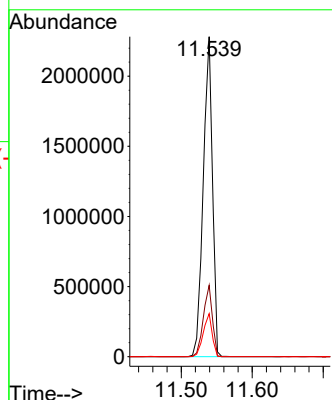
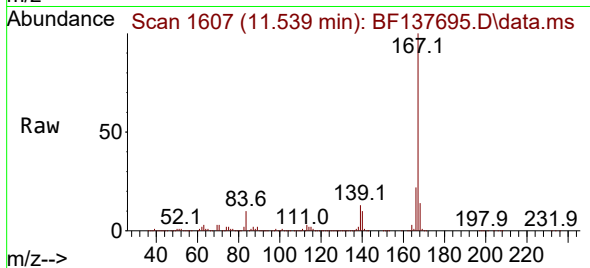
Tgt Ion:167 Resp: 2065261

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.8

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 37.435 ng

RT: 11.880 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

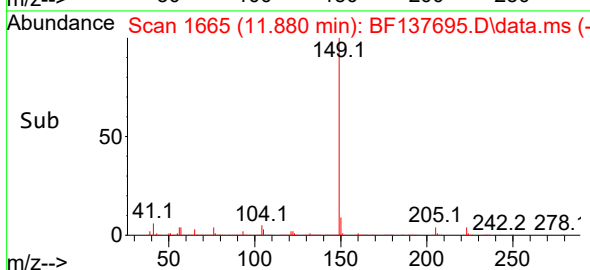
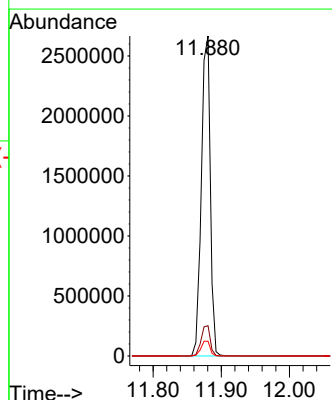
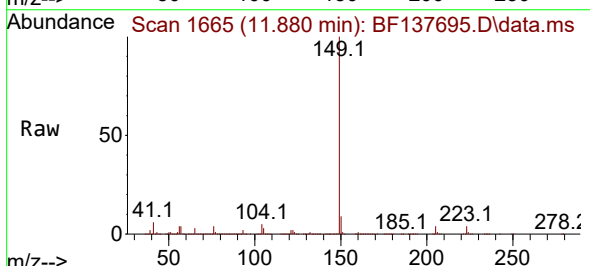
Tgt Ion:149 Resp: 2425680

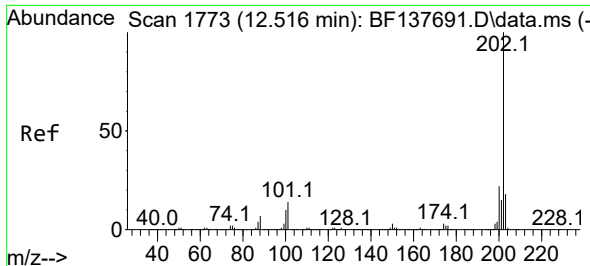
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 4.6 3.5 5.3

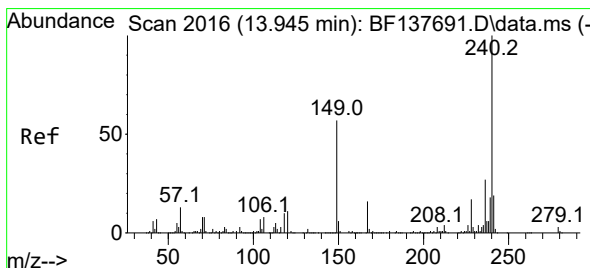
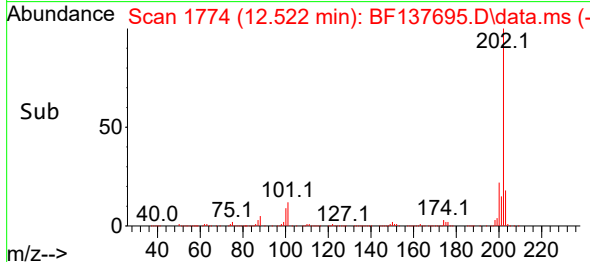
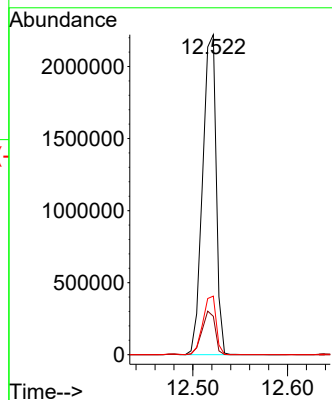
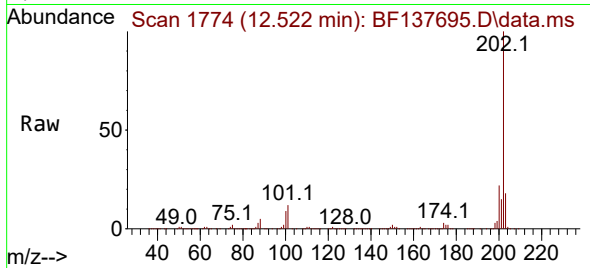




#75  
Fluoranthene  
Concen: 35.083 ng  
RT: 12.522 min Scan# 1773  
Delta R.T. 0.006 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

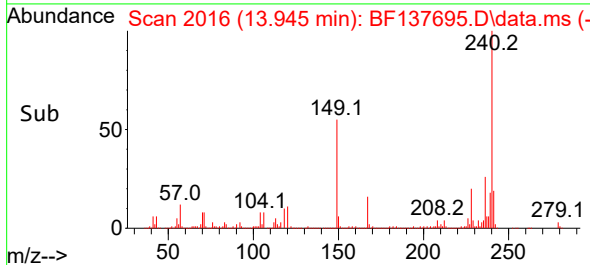
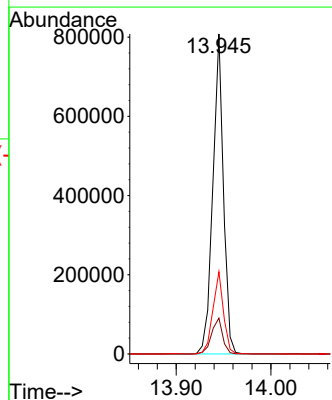
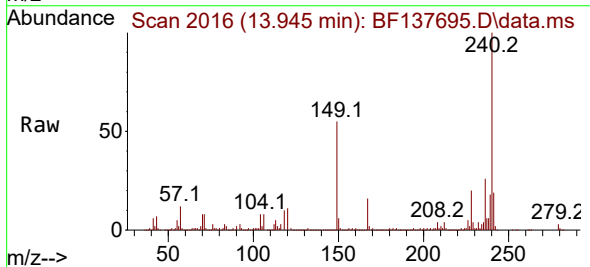
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

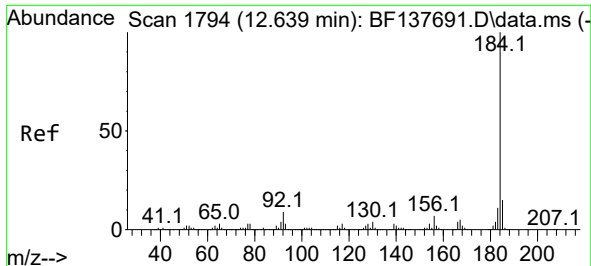
Tgt Ion:202 Resp: 2200554  
Ion Ratio Lower Upper  
202 100  
101 12.0 0.0 34.0  
203 18.3 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:240 Resp: 625656  
Ion Ratio Lower Upper  
240 100  
120 11.2 8.8 13.2  
236 25.7 21.4 32.2

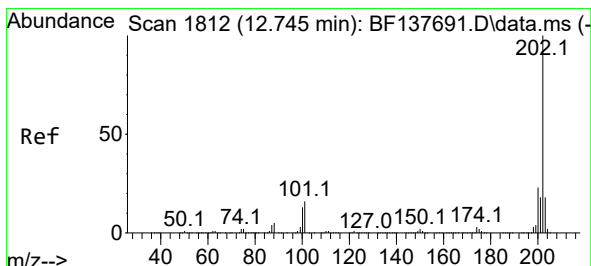
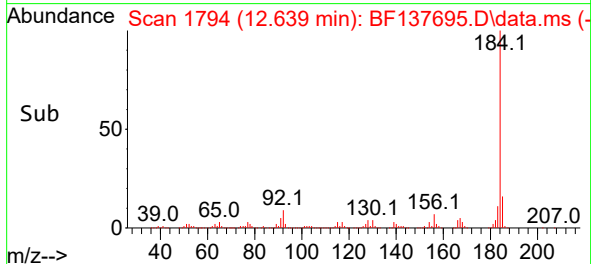
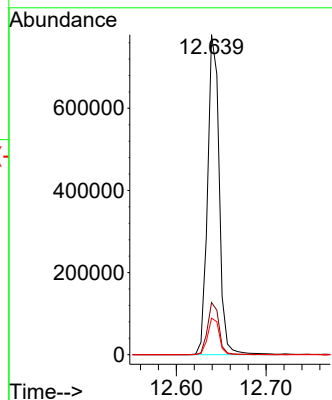
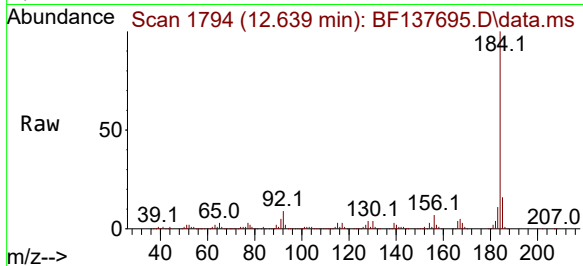




#77  
Benzidine  
Concen: 48.673 ng  
RT: 12.639 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

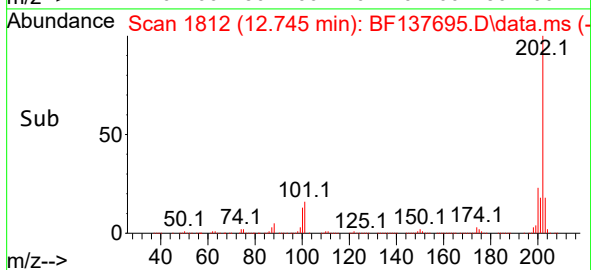
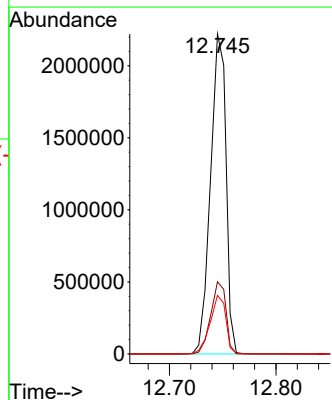
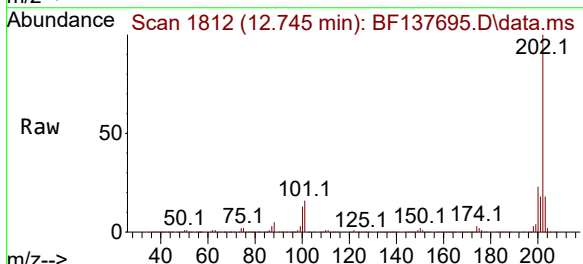
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

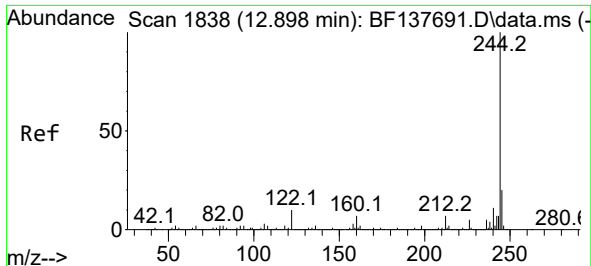
Tgt Ion:184 Resp: 701055  
Ion Ratio Lower Upper  
184 100  
185 16.3 12.2 18.4  
183 11.4 9.0 13.6



#78  
Pyrene  
Concen: 40.335 ng  
RT: 12.745 min Scan# 1812  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:202 Resp: 2242345  
Ion Ratio Lower Upper  
202 100  
200 22.5 18.2 27.2  
203 18.3 14.6 22.0

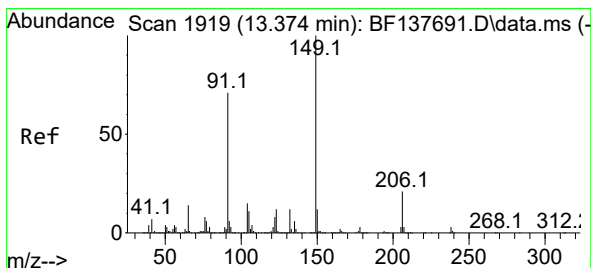
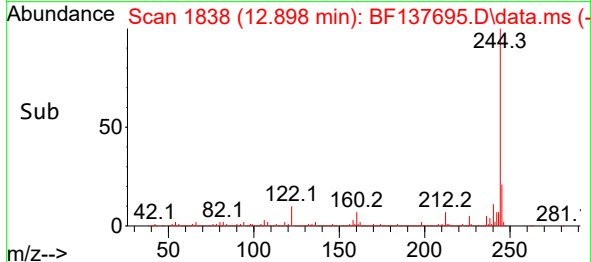
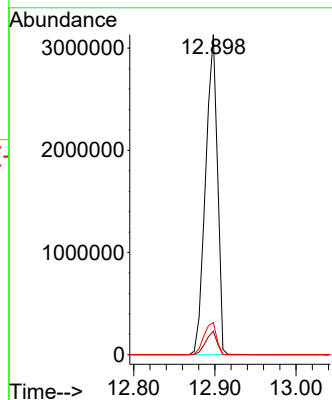
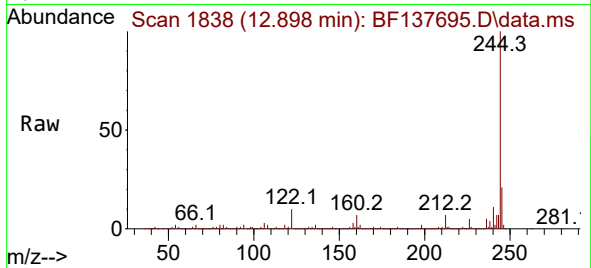




#79  
 Terphenyl-d14  
 Concen: 77.559 ng  
 RT: 12.898 min Scan# 1838  
 Delta R.T. 0.000 min  
 Lab File: BF137695.D  
 Acq: 26 Mar 2024 19:30

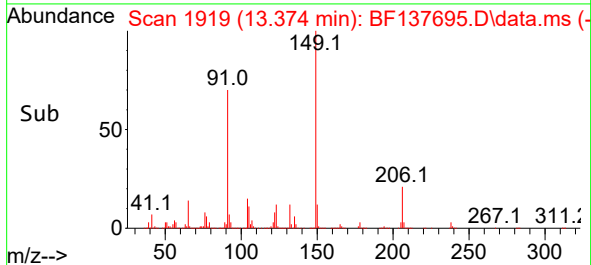
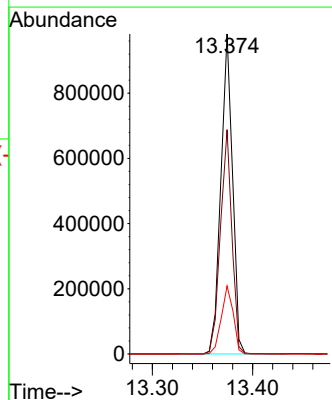
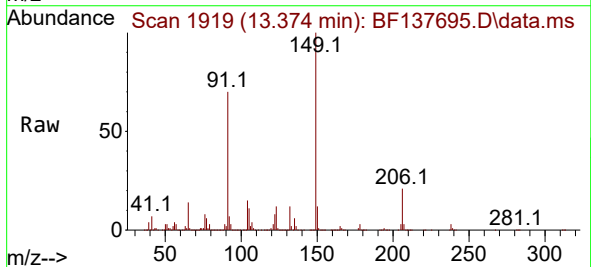
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032624

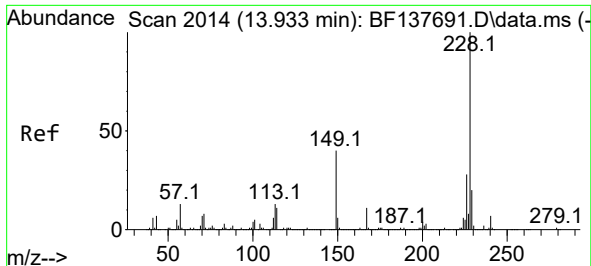
Tgt Ion:244 Resp: 3171987  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.6  
 122 10.0 8.2 12.4



#80  
 Butylbenzylphthalate  
 Concen: 40.522 ng  
 RT: 13.374 min Scan# 1919  
 Delta R.T. 0.000 min  
 Lab File: BF137695.D  
 Acq: 26 Mar 2024 19:30

Tgt Ion:149 Resp: 789932  
 Ion Ratio Lower Upper  
 149 100  
 91 70.1 56.7 85.1  
 206 21.3 17.0 25.6

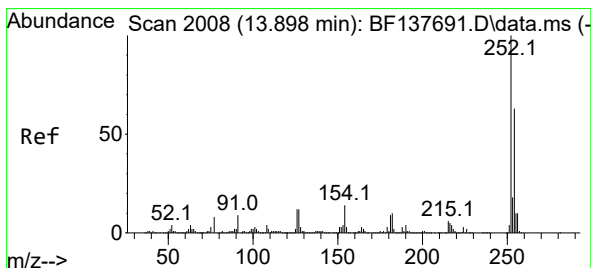
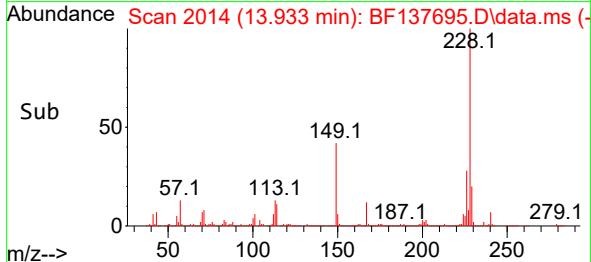
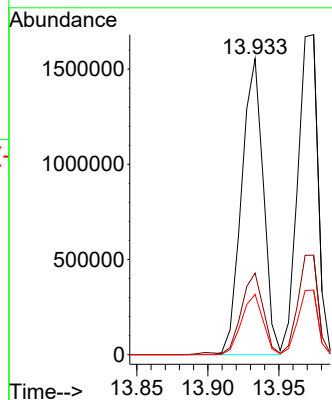
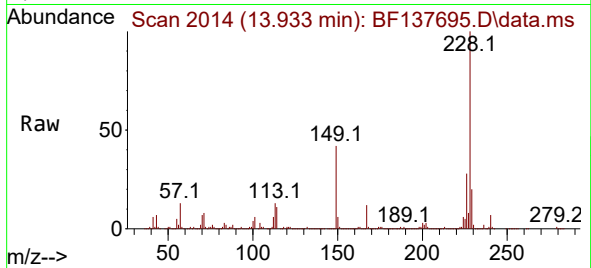




#81  
Benzo(a)anthracene  
Concen: 38.233 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

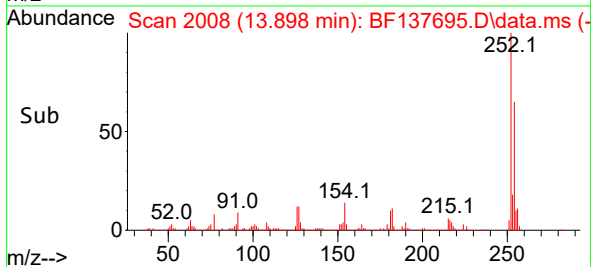
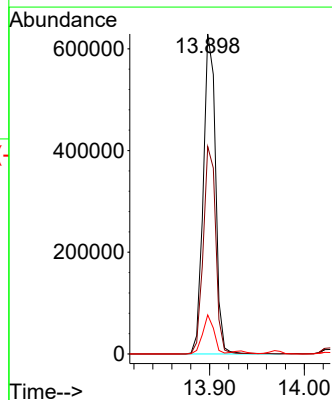
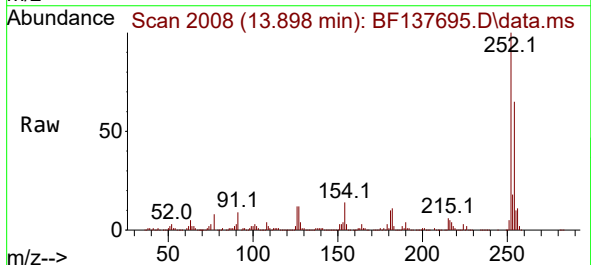
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

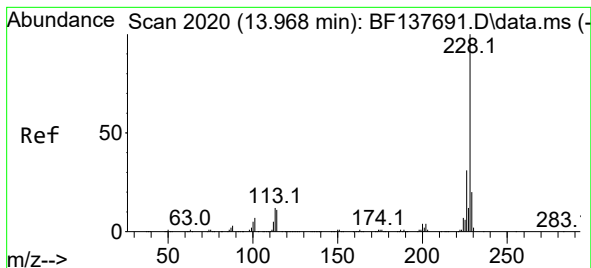
Tgt Ion:228 Resp: 1656839  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.2 33.4  
229 20.4 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 40.897 ng  
RT: 13.898 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:252 Resp: 568584  
Ion Ratio Lower Upper  
252 100  
254 64.8 50.5 75.7  
126 12.2 9.9 14.9





#83

Chrysene

Concen: 39.106 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

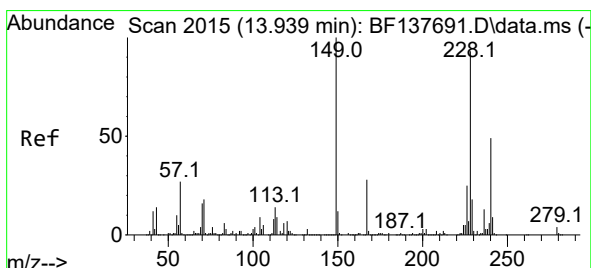
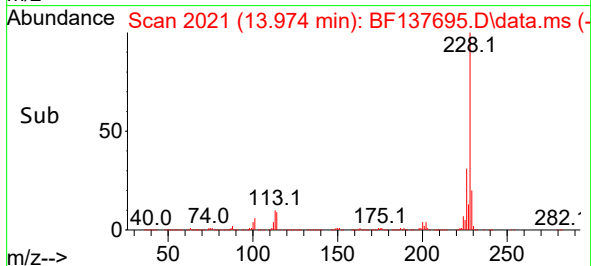
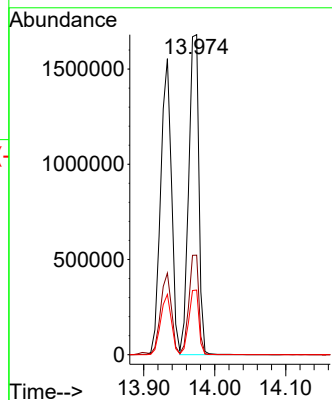
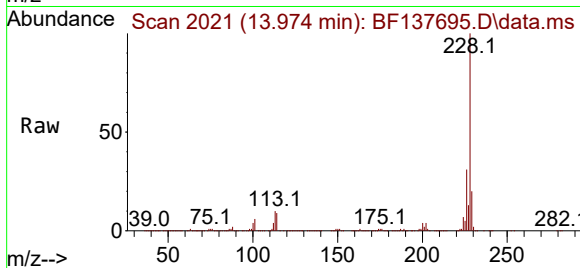
Tgt Ion:228 Resp: 1668815

Ion Ratio Lower Upper

228 100

226 31.1 24.6 37.0

229 20.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.478 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

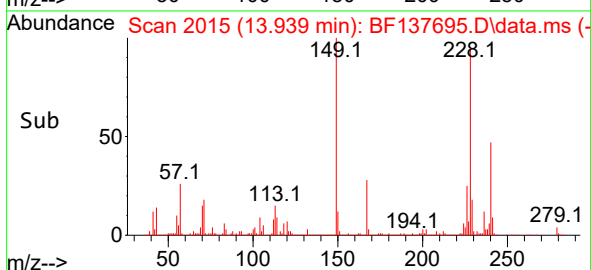
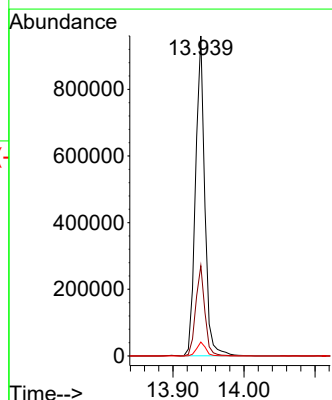
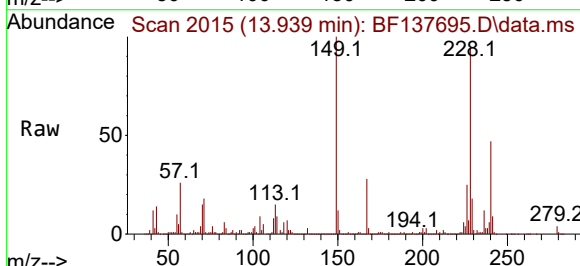
Tgt Ion:149 Resp: 872556

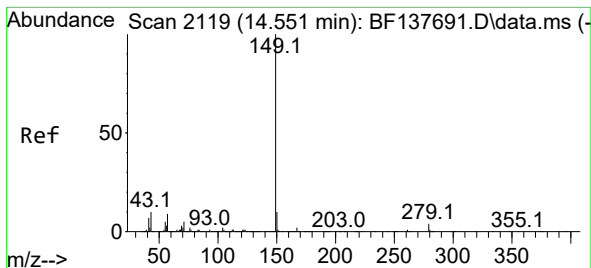
Ion Ratio Lower Upper

149 100

167 28.2 22.7 34.1

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 38.500 ng

RT: 14.551 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

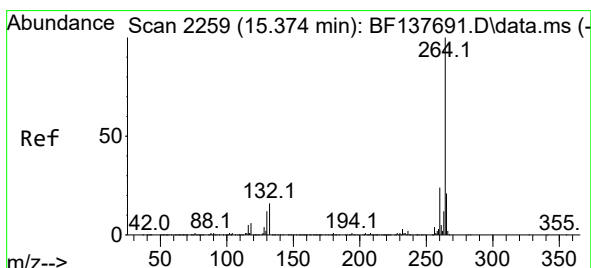
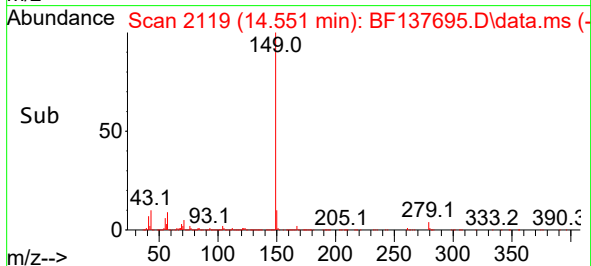
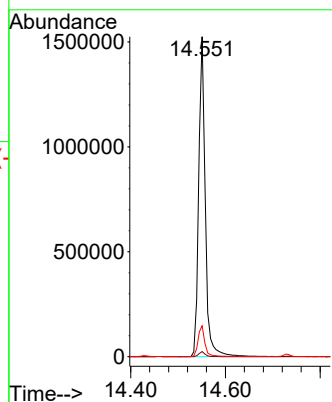
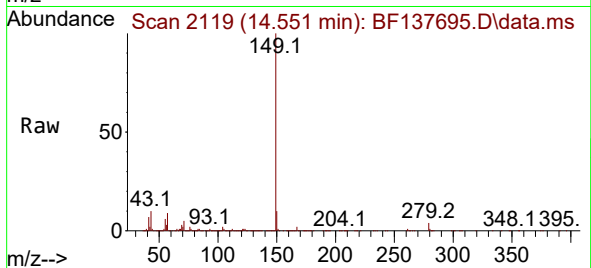
Tgt Ion:149 Resp: 1475744

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.0 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.368 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

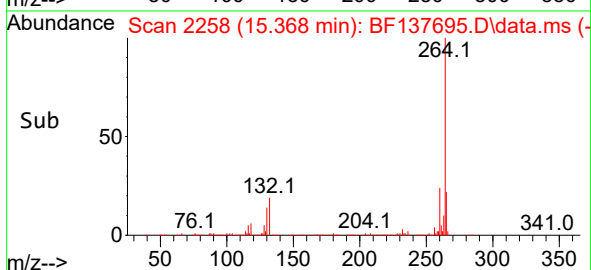
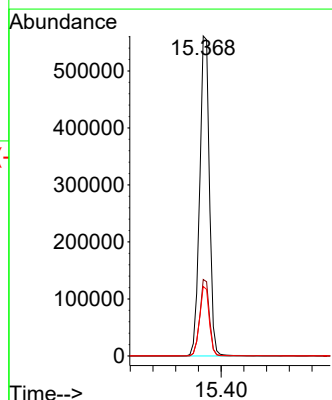
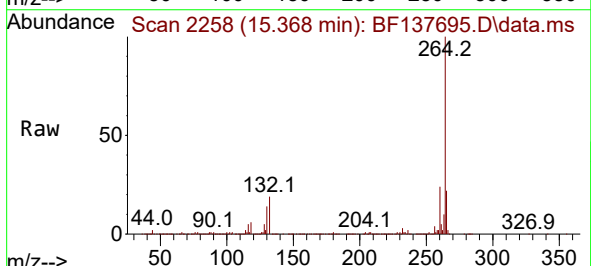
Tgt Ion:264 Resp: 669170

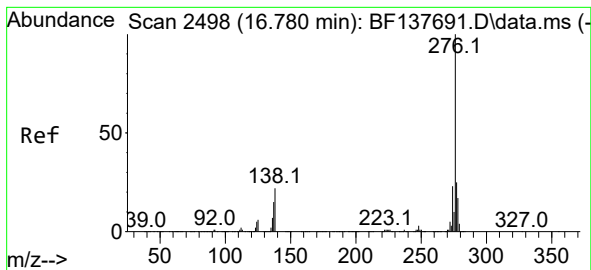
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.897 ng

RT: 16.780 min Scan# 2498

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

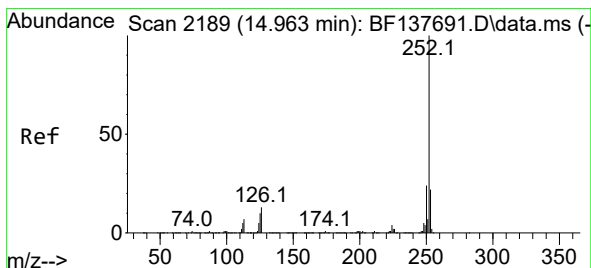
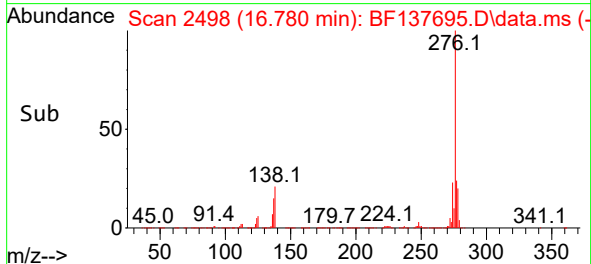
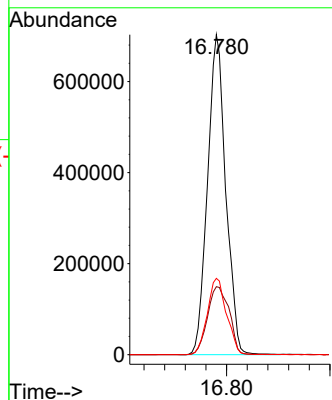
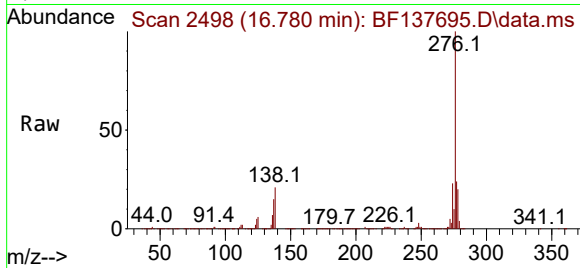
Tgt Ion:276 Resp: 1722656

Ion Ratio Lower Upper

276 100

138 25.3 20.4 30.6

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 37.307 ng

RT: 14.963 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

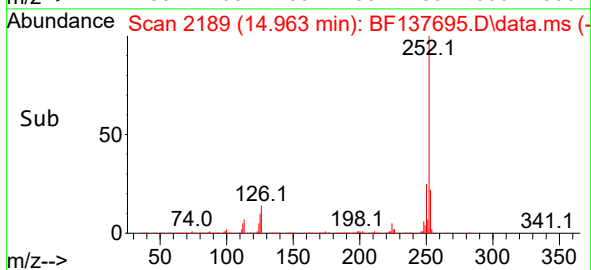
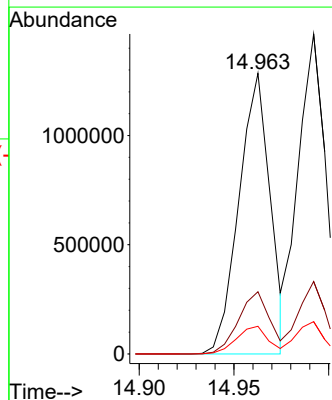
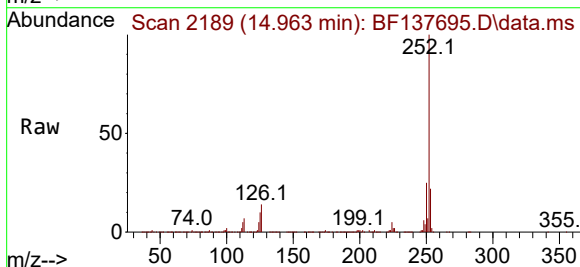
Tgt Ion:252 Resp: 1471234

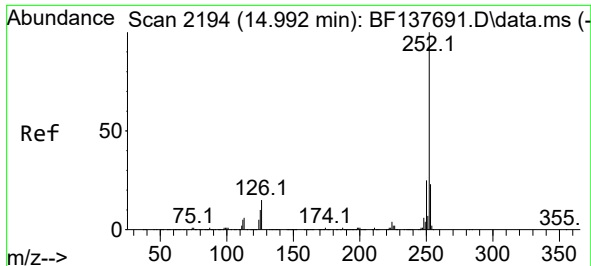
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 9.9 7.8 11.6

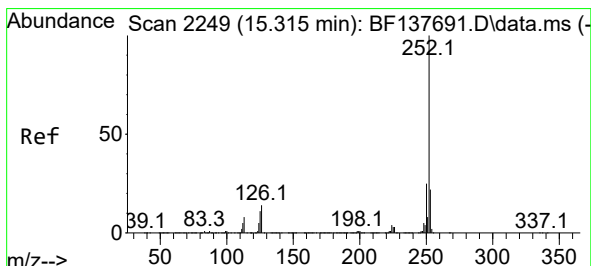
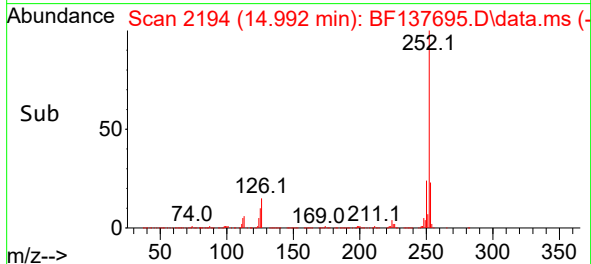
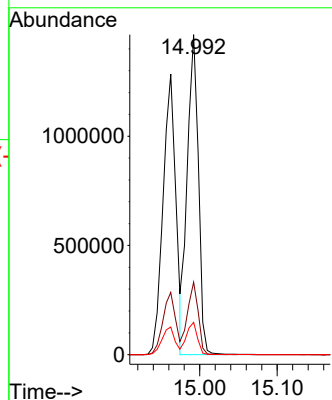
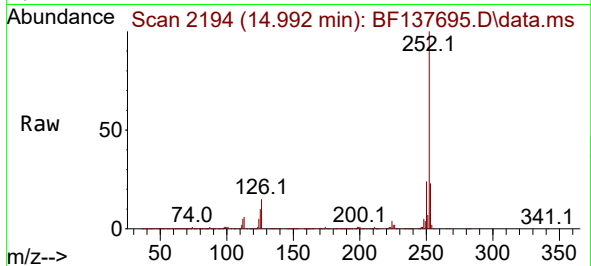




#89  
Benzo(k)fluoranthene  
Concen: 37.259 ng  
RT: 14.992 min Scan# 2194  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

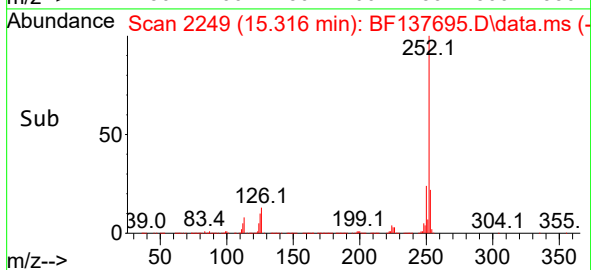
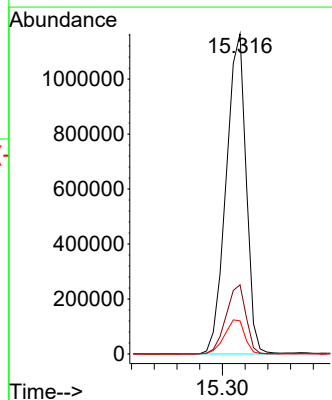
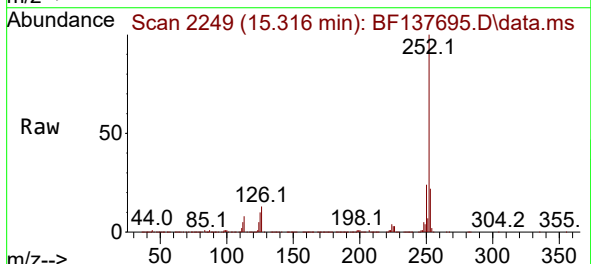
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032624

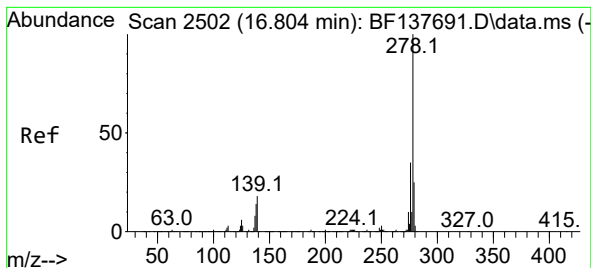
Tgt Ion:252 Resp: 1466921  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.3 27.5  
125 10.1 8.2 12.4



#90  
Benzo(a)pyrene  
Concen: 38.137 ng  
RT: 15.316 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: BF137695.D  
Acq: 26 Mar 2024 19:30

Tgt Ion:252 Resp: 1418842  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.0  
125 10.4 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 39.962 ng

RT: 16.804 min Scan# 2502

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Instrument :

BNA\_F

ClientSampleId :

ICVBF032624

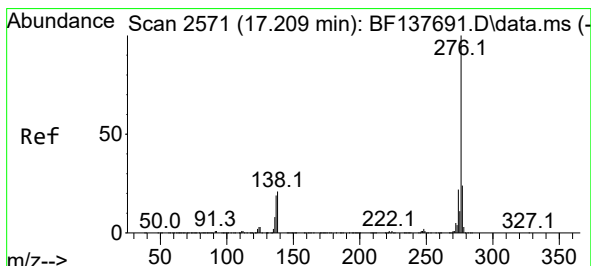
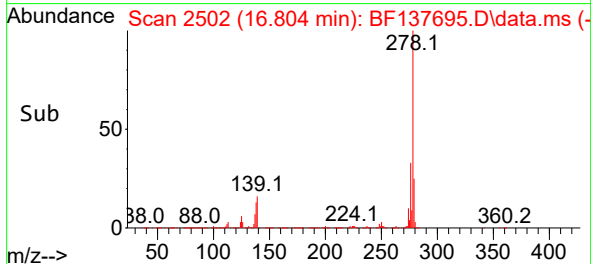
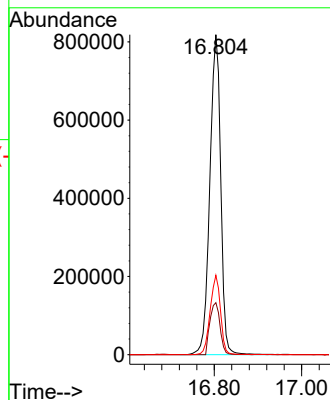
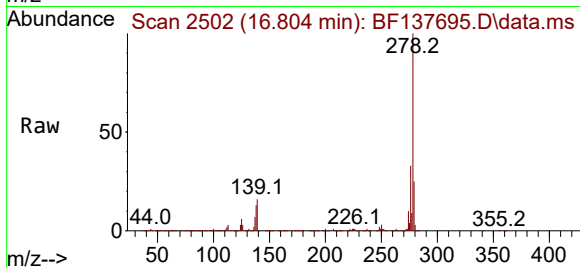
Tgt Ion:278 Resp: 1419556

Ion Ratio Lower Upper

278 100

139 16.3 14.1 21.1

279 24.8 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 39.747 ng

RT: 17.210 min Scan# 2571

Delta R.T. 0.000 min

Lab File: BF137695.D

Acq: 26 Mar 2024 19:30

Tgt Ion:276 Resp: 1432820

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 21.9 17.0 25.4

