

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021925\  
 Data File : BF141693.D  
 Acq On : 20 Feb 2025 00:05  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Feb 20 02:46:17 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 84080    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.063  | 136  | 333578   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 175620   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10          | 11.298 | 188  | 284381   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12              | 13.939 | 240  | 159233   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12              | 15.380 | 264  | 177430   | 20.000 | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 468481   | 87.352 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.422  | 99   | 561337   | 82.811 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 511901   | 80.041 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.604 | 330  | 138958   | 78.766 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 964086   | 84.575 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.880 | 244  | 840257   | 89.083 | ng    | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.469  | 88   | 94779    | 43.909 | ng    | 95       |
| 3) Pyridine                   | 3.193  | 79   | 229986   | 44.775 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.152  | 42   | 129005   | 37.930 | ng    | 91       |
| 6) Aniline                    | 6.445  | 93   | 247740   | 38.961 | ng    | 97       |
| 8) 2-Chlorophenol             | 6.569  | 128  | 245940   | 42.440 | ng    | 98       |
| 9) Benzaldehyde               | 6.334  | 77   | 137936   | 38.293 | ng    | 99       |
| 10) Phenol                    | 6.440  | 94   | 293175   | 41.555 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.522  | 93   | 224785   | 42.419 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.722  | 146  | 261330   | 42.715 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.798  | 146  | 266398   | 42.618 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.951  | 146  | 247985   | 42.745 | ng    | 100      |
| 15) Benzyl Alcohol            | 6.928  | 79   | 207360   | 39.891 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.057  | 45   | 352380   | 38.846 | ng    | 78       |
| 17) 2-Methylphenol            | 7.045  | 107  | 187984   | 41.452 | ng    | 99       |
| 18) Hexachloroethane          | 7.292  | 117  | 98871    | 42.739 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.198  | 70   | 163637   | 40.358 | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.198  | 107  | 239036   | 41.476 | ng    | 93       |
| 22) Acetophenone              | 7.192  | 105  | 337167   | 40.633 | ng    | 94       |
| 24) Nitrobenzene              | 7.369  | 77   | 253453   | 40.641 | ng    | 98       |
| 25) Isophorone                | 7.604  | 82   | 413093   | 40.509 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.681  | 139  | 131772   | 42.470 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.722  | 122  | 149351   | 41.204 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.816  | 93   | 274608   | 42.025 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.928  | 162  | 204723   | 41.802 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 221676   | 41.566 | ng    | 99       |
| 31) Naphthalene               | 8.087  | 128  | 718945   | 41.404 | ng    | 99       |
| 32) Benzoic acid              | 7.851  | 122  | 126034   | 33.475 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.139  | 127  | 240828   | 39.725 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.198  | 225  | 135641   | 42.366 | ng    | 99       |
| 35) Caprolactam               | 8.510  | 113  | 58706    | 39.370 | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.628  | 107  | 215204   | 39.669 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.775  | 142  | 461190   | 40.816 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.875  | 142  | 441230   | 40.318 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.939  | 216  | 217164   | 42.741 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.922  | 237  | 49825    | 29.483 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.057  | 196  | 136859   | 41.676 | ng    | 100      |

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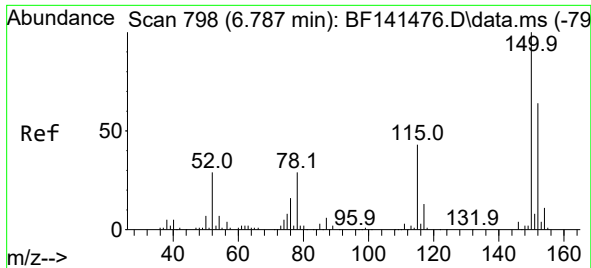
Quant Time: Feb 20 02:46:17 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 147858   | 41.546 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.239  | 154  | 576246   | 42.323 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.263  | 162  | 423178   | 42.031 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.363  | 65   | 133620   | 39.545 | ng    | 95       |
| 49) Acenaphthylene            | 9.675  | 152  | 624279   | 41.687 | ng    | 99       |
| 50) Dimethylphthalate         | 9.539  | 163  | 501886   | 42.096 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.604  | 165  | 108613   | 41.673 | ng    | 98       |
| 52) Acenaphthene              | 9.851  | 154  | 407725   | 40.498 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.775  | 138  | 108260   | 38.593 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.892  | 184  | 43173    | 27.871 | ng    | 91       |
| 55) Dibenzofuran              | 10.022 | 168  | 603488   | 40.838 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.957  | 139  | 63683    | 30.582 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.010 | 165  | 139778   | 40.286 | ng    | 99       |
| 58) Fluorene                  | 10.363 | 166  | 467231   | 40.892 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.145 | 232  | 124299   | 40.567 | ng    | 95       |
| 60) Diethylphthalate          | 10.233 | 149  | 481565   | 41.053 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.357 | 204  | 232006   | 42.206 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.386 | 138  | 104128   | 36.557 | ng    | 97       |
| 63) Azobenzene                | 10.516 | 77   | 465416   | 39.911 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.422 | 198  | 70281    | 35.577 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.475 | 169  | 398837   | 43.812 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.845 | 248  | 141150   | 44.410 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.910 | 284  | 142480   | 43.534 | ng    | 98       |
| 69) Atrazine                  | 11.004 | 200  | 104658   | 38.322 | ng    | 99       |
| 70) Pentachlorophenol         | 11.110 | 266  | 64773    | 30.952 | ng    | 97       |
| 71) Phenanthrene              | 11.322 | 178  | 645237   | 41.219 | ng    | 100      |
| 72) Anthracene                | 11.375 | 178  | 643493   | 40.893 | ng    | 100      |
| 73) Carbazole                 | 11.533 | 167  | 549351   | 38.799 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.863 | 149  | 686027   | 41.961 | ng    | 100      |
| 75) Fluoranthene              | 12.510 | 202  | 602029   | 36.275 | ng    | 100      |
| 77) Benzidine                 | 12.639 | 184  | 135198   | 38.498 | ng    | 99       |
| 78) Pyrene                    | 12.739 | 202  | 595275   | 43.915 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.357 | 149  | 219614   | 46.775 | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.927 | 228  | 441236   | 41.686 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.892 | 252  | 137095   | 45.215 | ng    | 100      |
| 83) Chrysene                  | 13.963 | 228  | 415159   | 42.478 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.916 | 149  | 286347   | 54.076 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.527 | 149  | 432533   | 57.257 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.815 | 276  | 514199   | 46.902 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.963 | 252  | 431312   | 36.203 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 14.992 | 252  | 351504   | 34.552 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.321 | 252  | 394420   | 40.915 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.827 | 278  | 419567   | 47.231 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.245 | 276  | 429072   | 46.156 | ng    | 100      |

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

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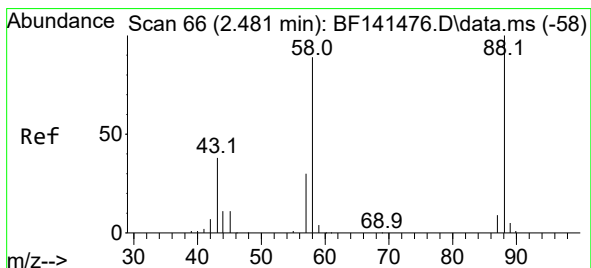
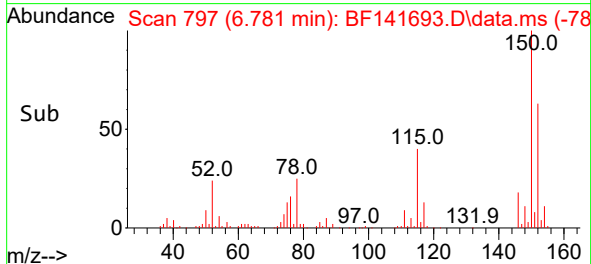
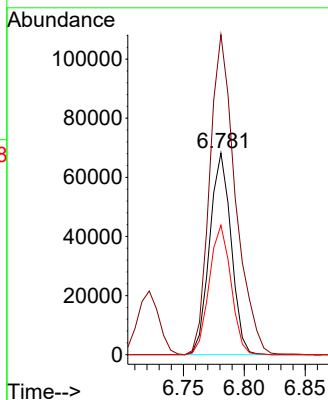
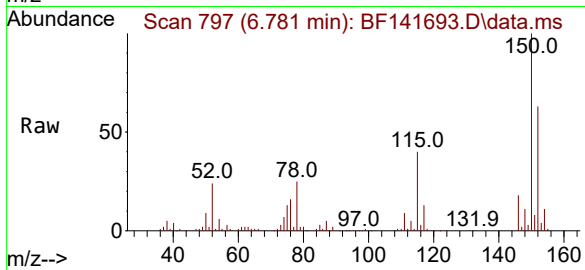




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 79  
 Delta R.T. -0.011 min  
 Lab File: BF141693.D  
 Acq: 20 Feb 2025 00:05

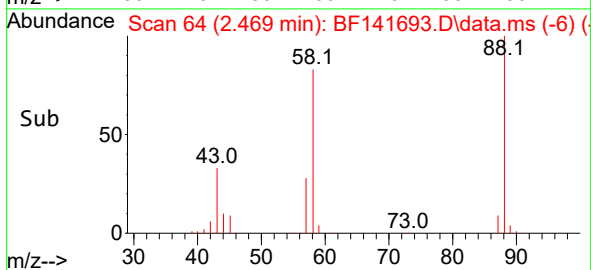
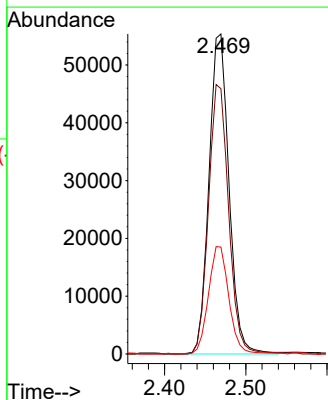
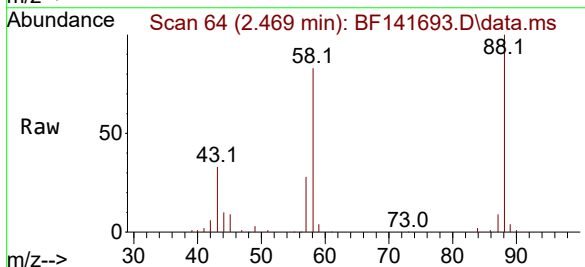
Instrument :  
 BNA\_F  
 ClientSampleId :  
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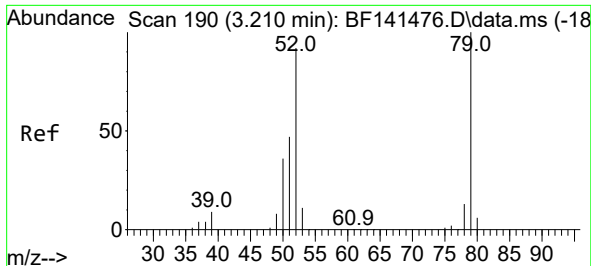
Tgt Ion:152 Resp: 84080  
 Ion Ratio Lower Upper  
 152 100  
 150 158.6 125.0 187.4  
 115 64.1 53.6 80.4



#2  
 1,4-Dioxane  
 Concen: 43.909 ng  
 RT: 2.469 min Scan# 64  
 Delta R.T. -0.012 min  
 Lab File: BF141693.D  
 Acq: 20 Feb 2025 00:05

Tgt Ion: 88 Resp: 94779  
 Ion Ratio Lower Upper  
 88 100  
 58 84.5 71.1 106.7  
 43 34.4 30.6 46.0

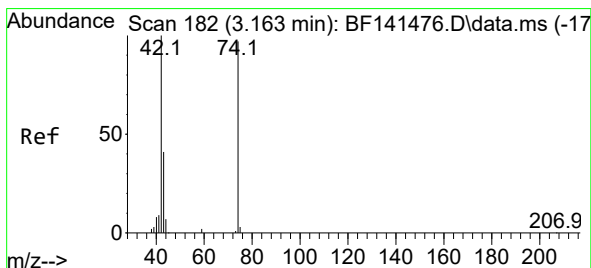
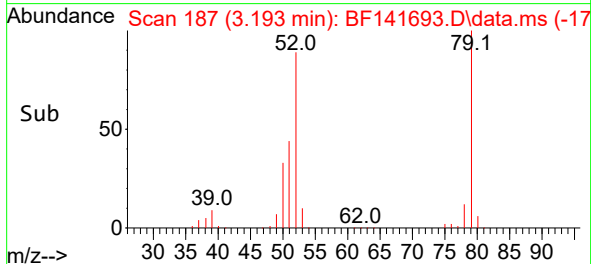
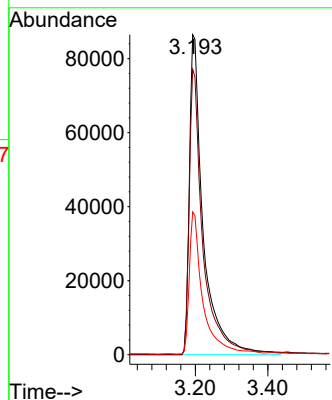
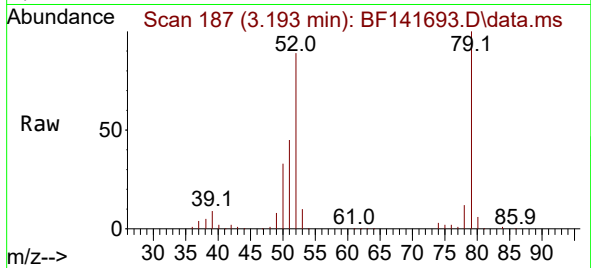




#3  
Pyridine  
Concen: 44.775 ng  
RT: 3.193 min Scan# 11  
Delta R.T. -0.023 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

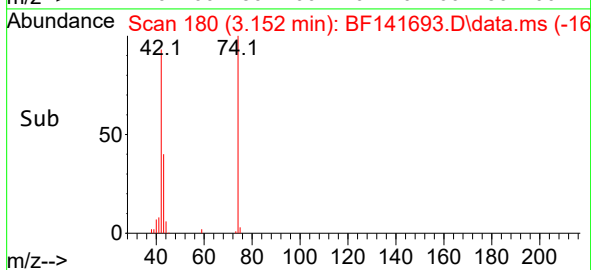
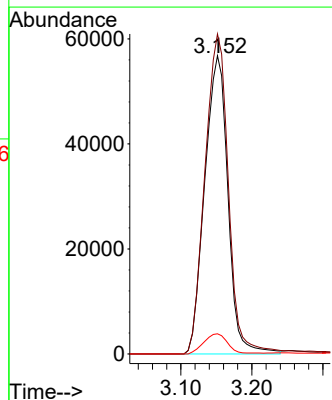
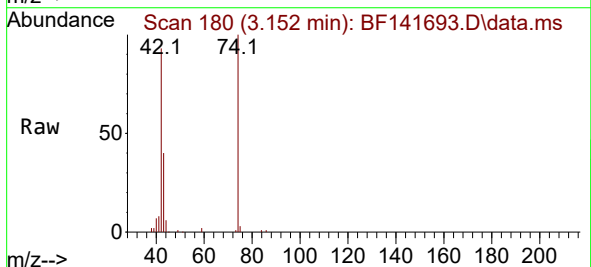
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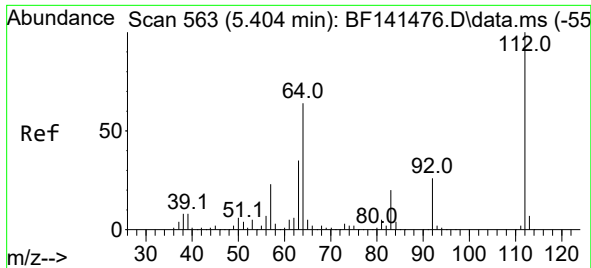
Tgt Ion: 79 Resp: 229986  
Ion Ratio Lower Upper  
79 100  
52 89.2 73.7 110.5  
51 44.6 37.5 56.3



#4  
n-Nitrosodimethylamine  
Concen: 37.930 ng  
RT: 3.152 min Scan# 180  
Delta R.T. -0.035 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion: 42 Resp: 129005  
Ion Ratio Lower Upper  
42 100  
74 107.3 78.0 117.0  
44 6.8 5.4 8.2

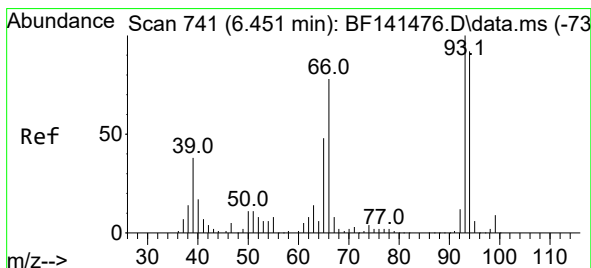
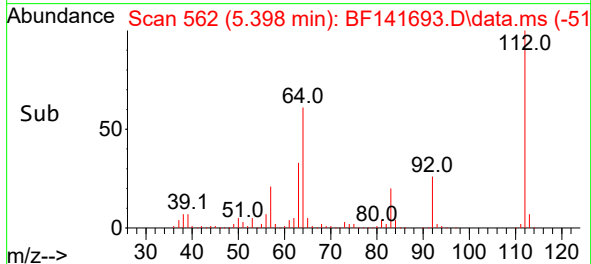
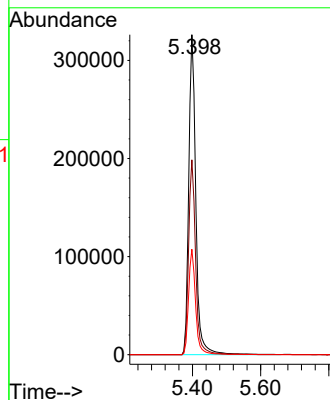
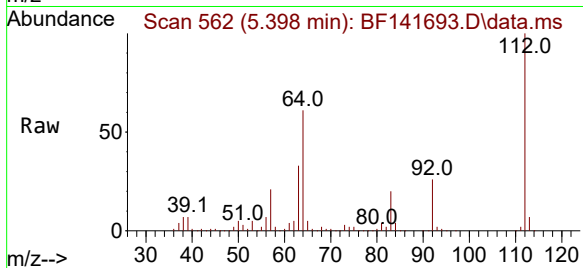




#5  
2-Fluorophenol  
Concen: 87.352 ng  
RT: 5.398 min Scan# 50  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

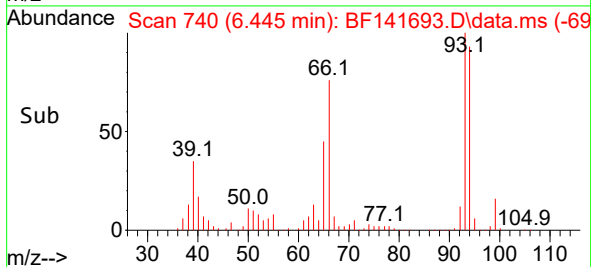
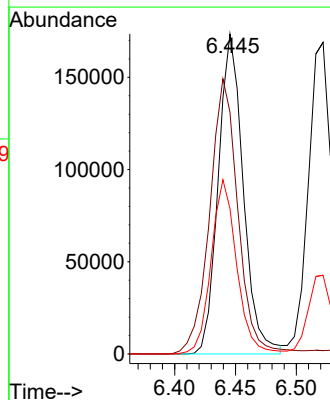
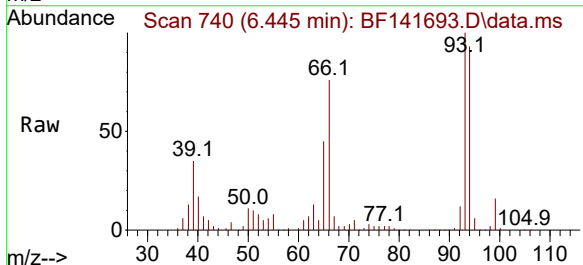
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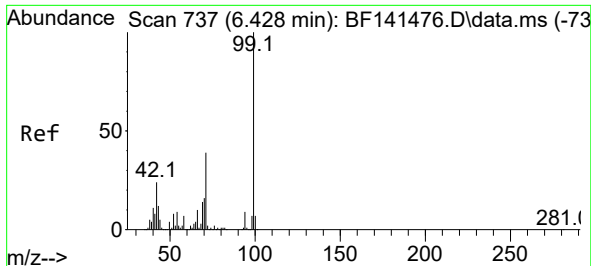
Tgt Ion:112 Resp: 468481  
Ion Ratio Lower Upper  
112 100  
64 60.9 51.1 76.7  
63 33.0 28.4 42.6



#6  
Aniline  
Concen: 38.961 ng  
RT: 6.445 min Scan# 740  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion: 93 Resp: 247740  
Ion Ratio Lower Upper  
93 100  
66 75.6 62.6 94.0  
65 45.5 38.3 57.5

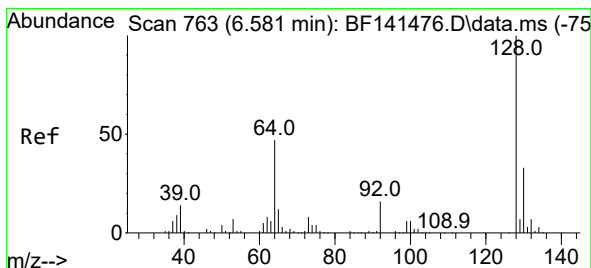
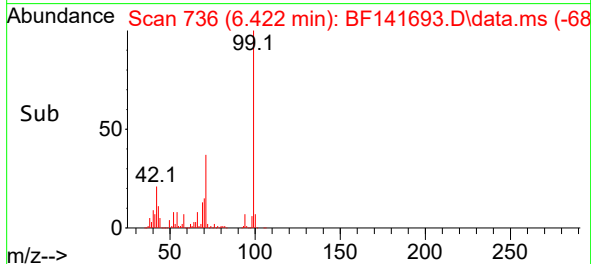
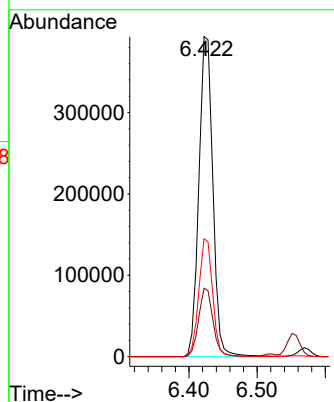
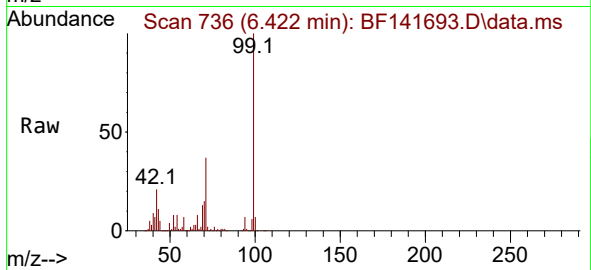




#7  
Phenol-d6  
Concen: 82.811 ng  
RT: 6.422 min Scan# 713  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

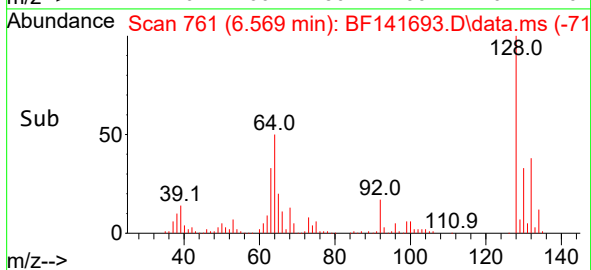
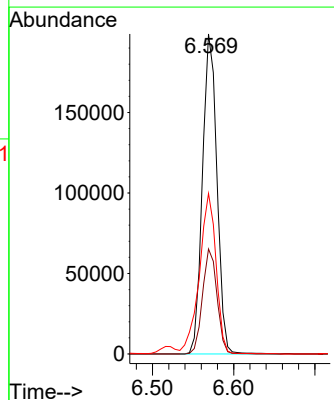
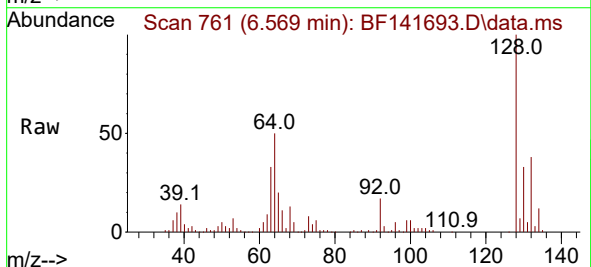
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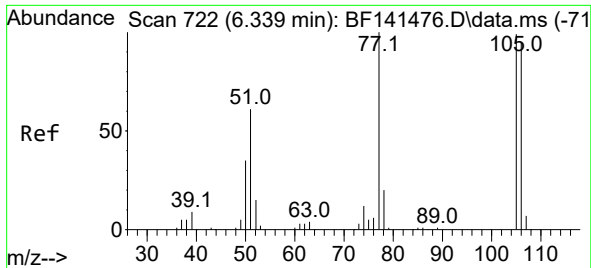
Tgt Ion: 99 Resp: 561337  
Ion Ratio Lower Upper  
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42 21.4 19.1 28.7  
71 36.9 31.1 46.7



#8  
2-Chlorophenol  
Concen: 42.440 ng  
RT: 6.569 min Scan# 761  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion: 128 Resp: 245940  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.7 52.7  
64 50.1 28.3 68.3

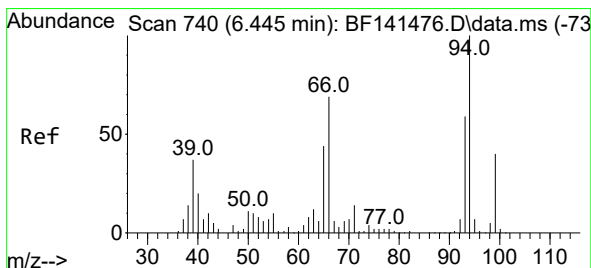
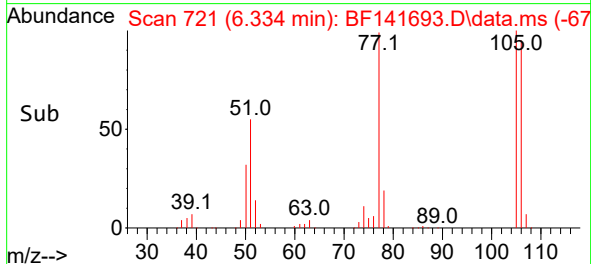
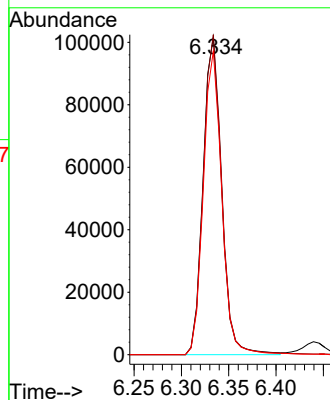
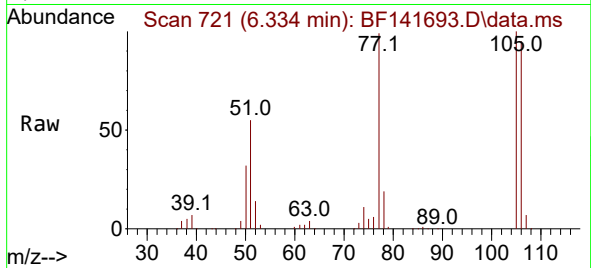




#9  
Benzaldehyde  
Concen: 38.293 ng  
RT: 6.334 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

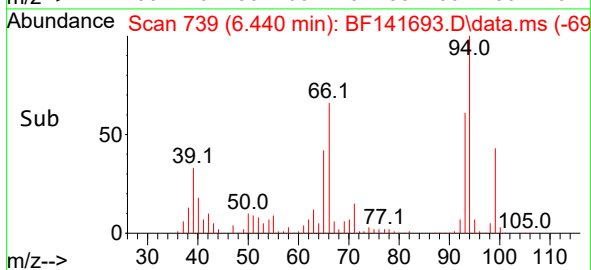
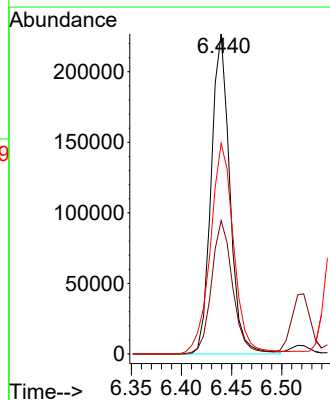
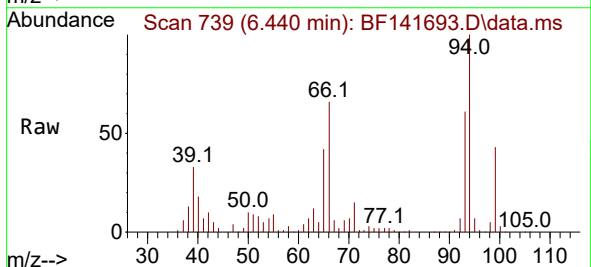
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

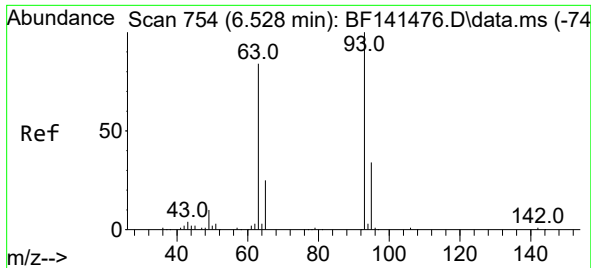
Tgt Ion: 77 Resp: 137936  
Ion Ratio Lower Upper  
77 100  
105 100.9 79.4 119.4  
106 95.7 75.1 115.1



#10  
Phenol  
Concen: 41.555 ng  
RT: 6.440 min Scan# 739  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion: 94 Resp: 293175  
Ion Ratio Lower Upper  
94 100  
65 41.7 23.7 63.7  
66 65.8 49.3 89.3

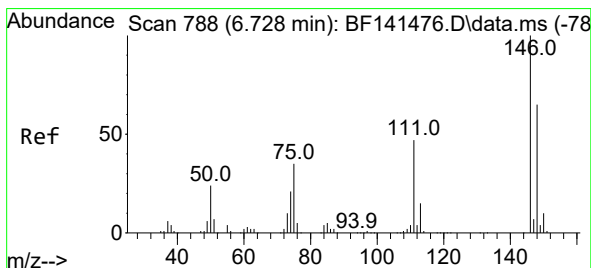
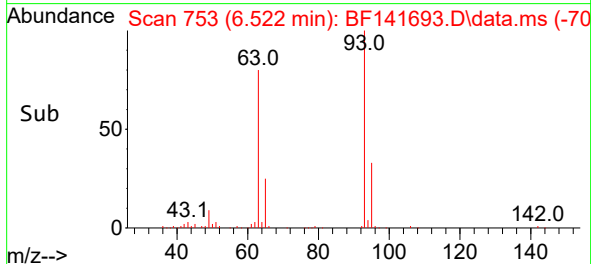
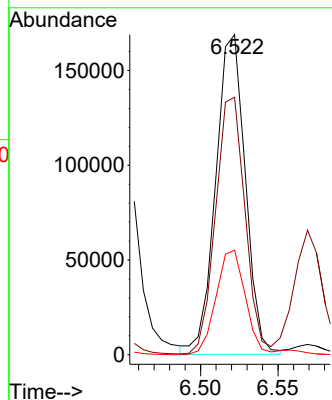
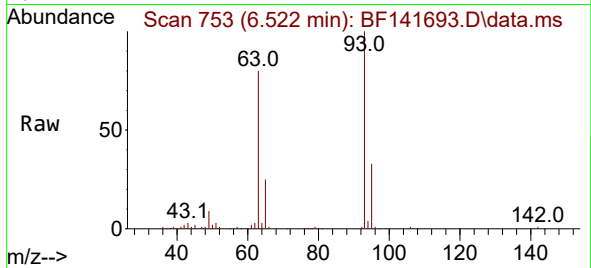




#11  
bis(2-Chloroethyl)ether  
Concen: 42.419 ng  
RT: 6.522 min Scan# 714  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

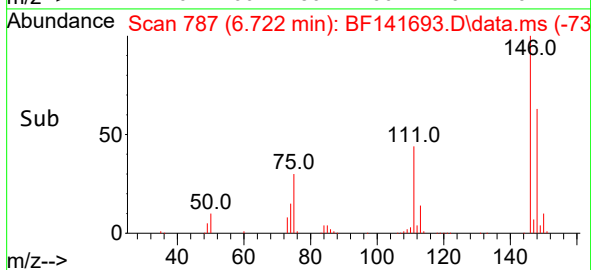
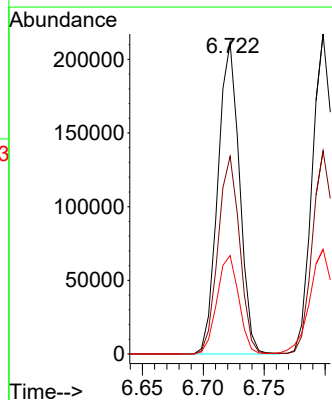
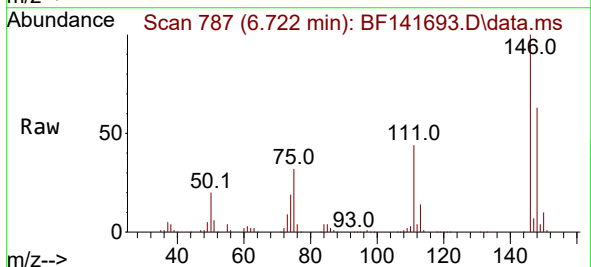
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

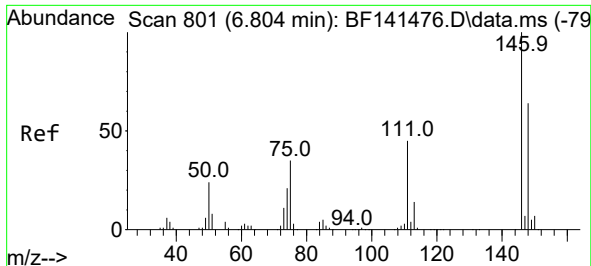
Tgt Ion: 93 Resp: 224785  
Ion Ratio Lower Upper  
93 100  
63 80.5 62.0 102.0  
95 32.7 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 42.715 ng  
RT: 6.722 min Scan# 787  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:146 Resp: 261330  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.9 77.9  
75 31.6 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.618 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

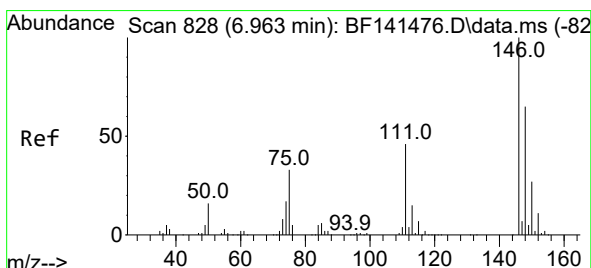
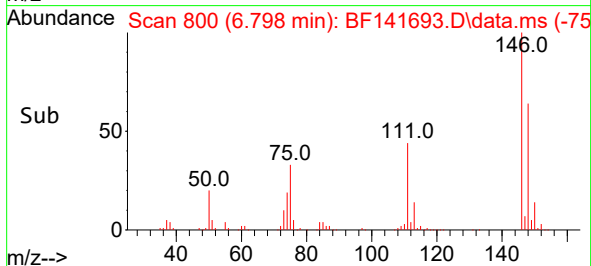
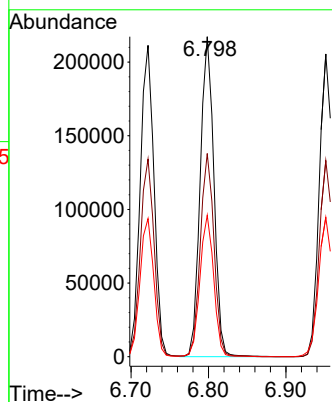
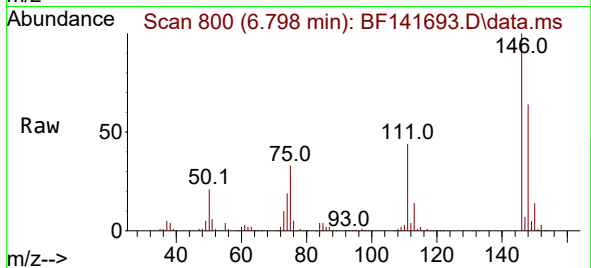
Tgt Ion:146 Resp: 266398

Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

111 44.2 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 42.745 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

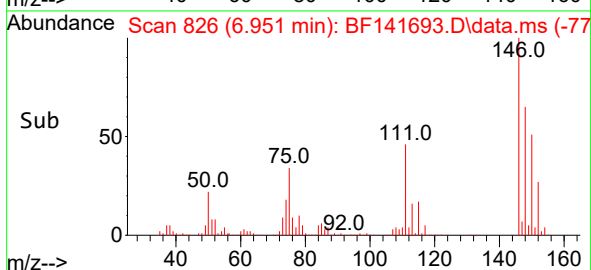
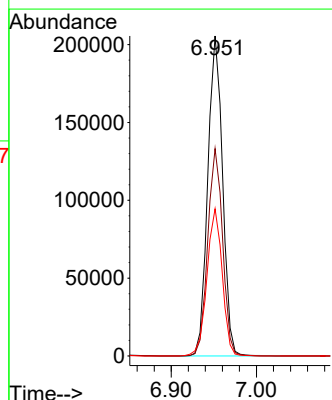
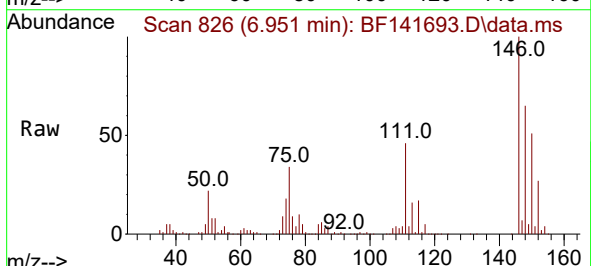
Tgt Ion:146 Resp: 247985

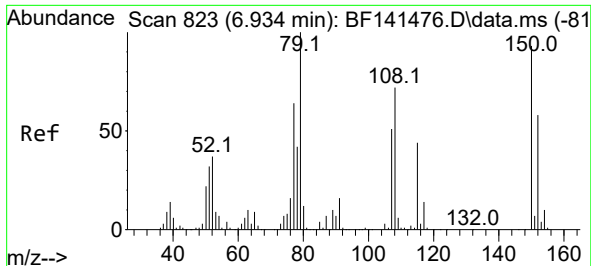
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

111 46.0 37.0 55.4

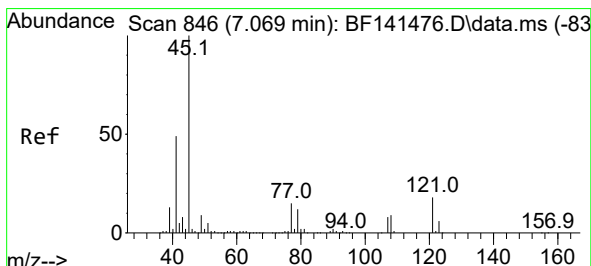
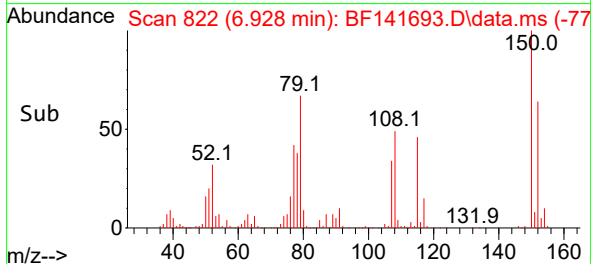
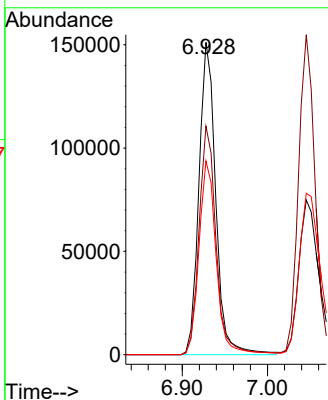
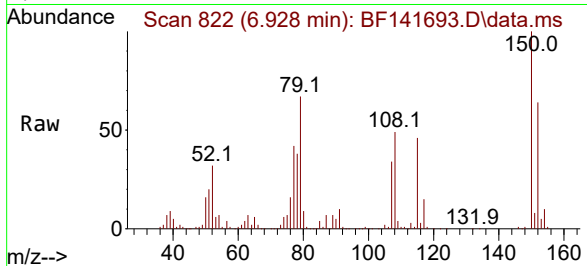




#15  
Benzyl Alcohol  
Concen: 39.891 ng  
RT: 6.928 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

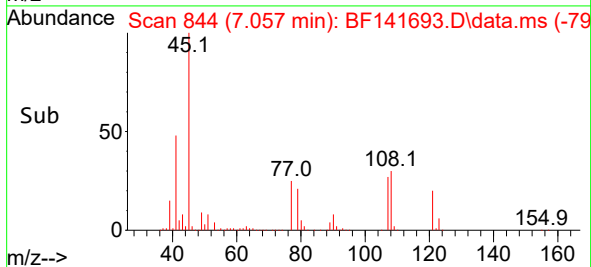
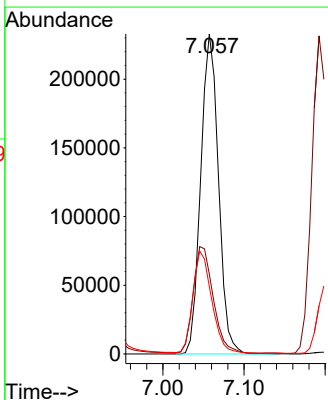
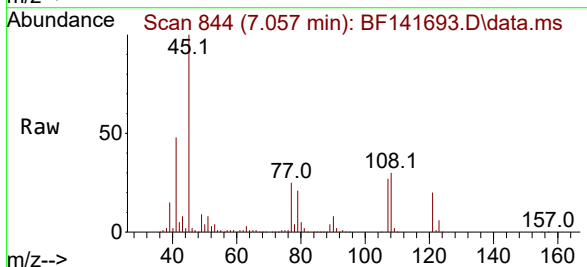
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

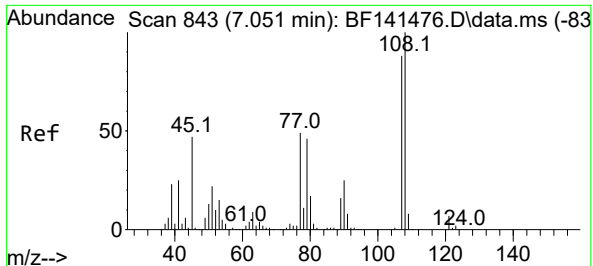
Tgt Ion: 79 Resp: 207360  
Ion Ratio Lower Upper  
79 100  
108 73.1 57.4 86.2  
77 62.1 50.9 76.3



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 38.846 ng  
RT: 7.057 min Scan# 844  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion: 45 Resp: 352380  
Ion Ratio Lower Upper  
45 100  
77 25.0 0.0 35.8  
79 21.1 0.0 32.7

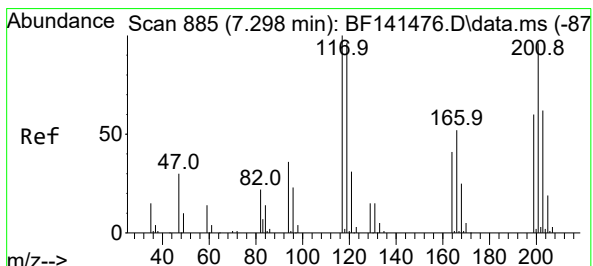
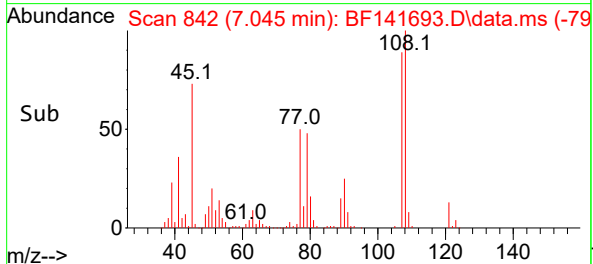
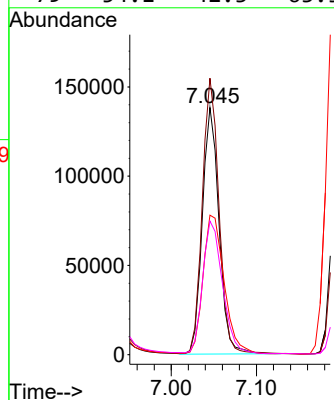
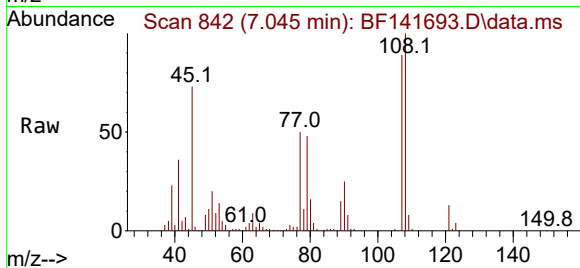




#17  
2-Methylphenol  
Concen: 41.452 ng  
RT: 7.045 min Scan# 84  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

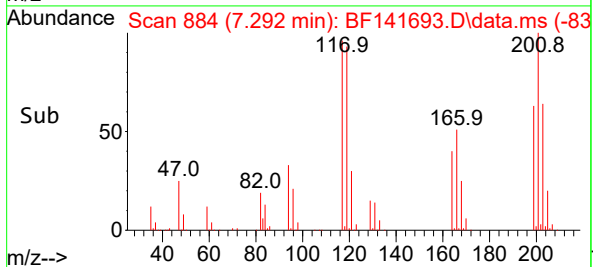
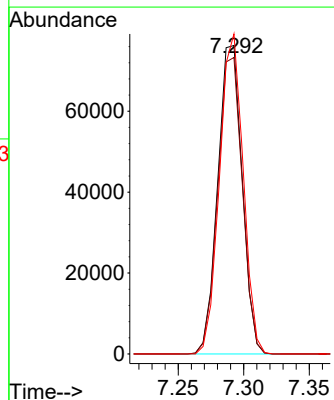
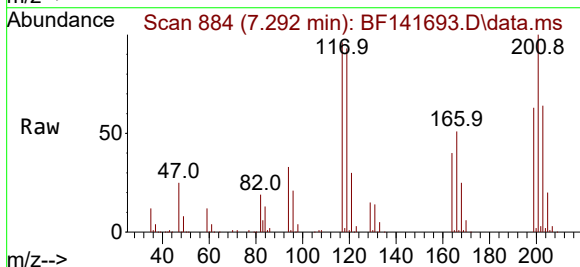
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

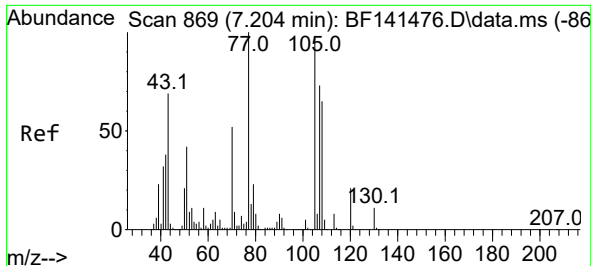
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 187984 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.8 | 90.6  | 136.0  |
| 77       | 56.4  | 44.4  | 66.6   |
| 79       | 54.1  | 42.3  | 63.5   |



#18  
Hexachloroethane  
Concen: 42.739 ng  
RT: 7.292 min Scan# 884  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 98871 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.1  | 76.5  | 114.7 |
| 201      | 103.7 | 76.7  | 115.1 |

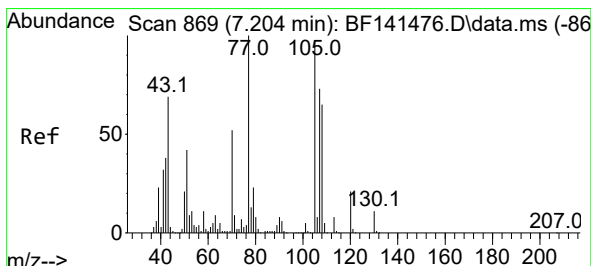
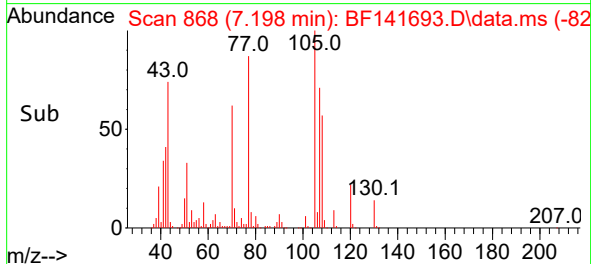
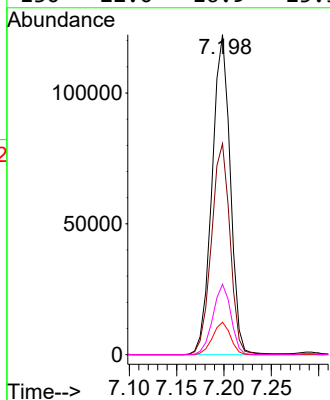
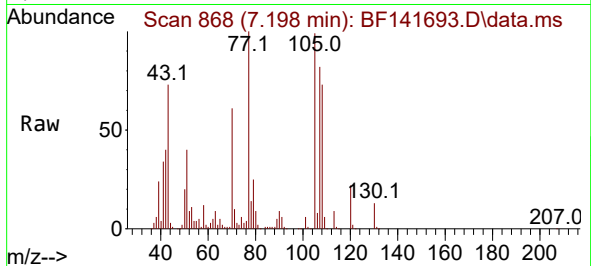




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.358 ng  
RT: 7.198 min Scan# 868  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

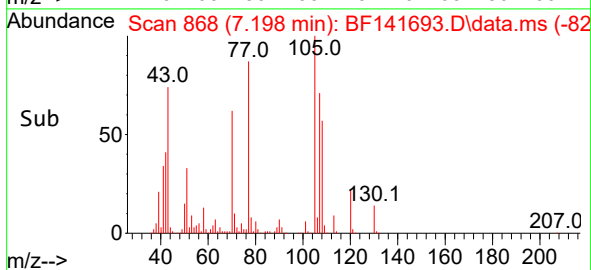
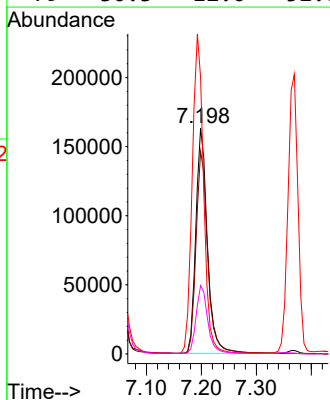
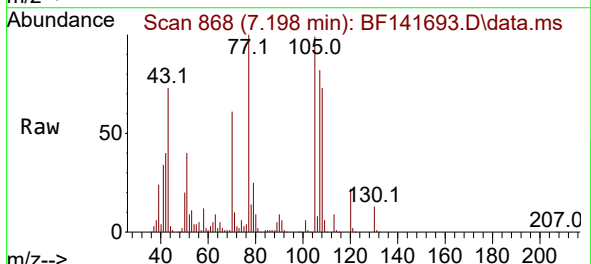
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

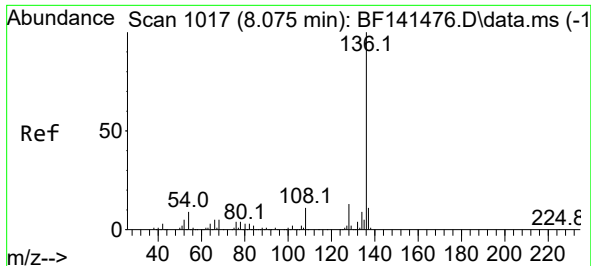
Tgt Ion: 70 Resp: 163637  
Ion Ratio Lower Upper  
70 100  
42 66.0 57.4 86.2  
101 10.1 8.0 12.0  
130 22.0 16.9 25.3



#20  
3+4-Methylphenols  
Concen: 41.476 ng  
RT: 7.198 min Scan# 868  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:107 Resp: 239036  
Ion Ratio Lower Upper  
107 100  
108 89.8 68.5 108.5  
77 122.4 116.5 156.5  
79 30.3 12.0 52.0

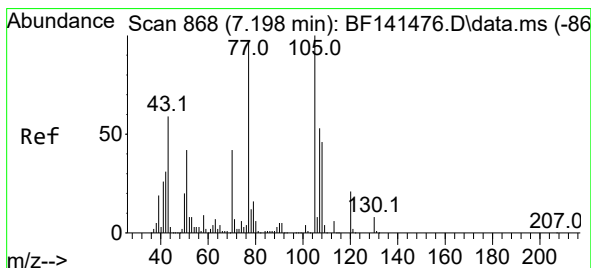
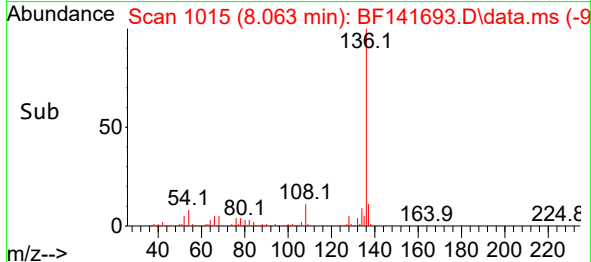
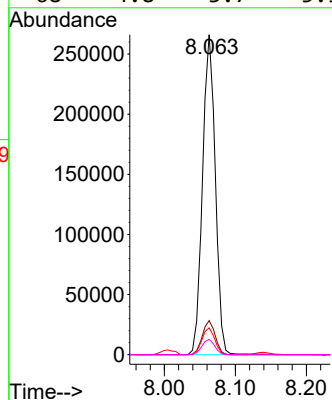
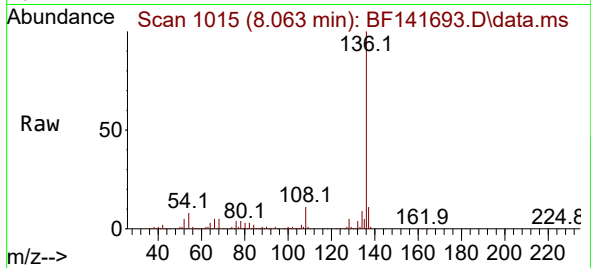




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

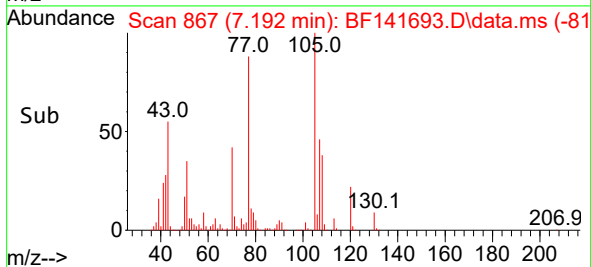
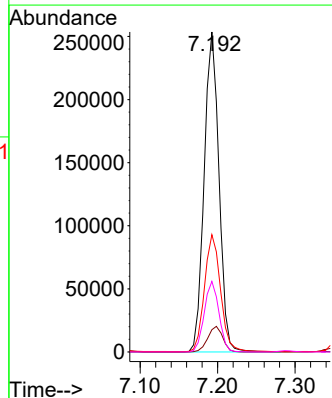
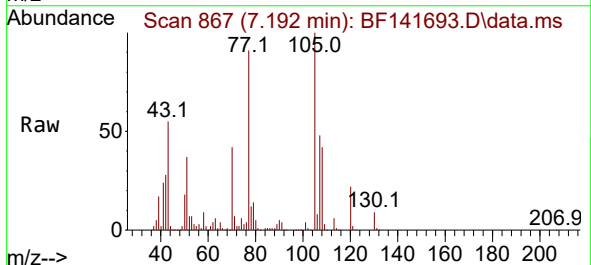
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

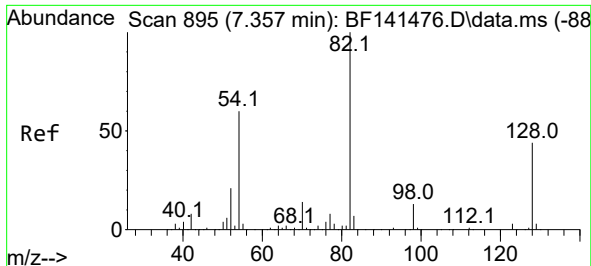
Tgt Ion:136 Resp: 333578  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 8.4 7.2 10.8  
68 4.8 3.7 5.5



#22  
Acetophenone  
Concen: 40.633 ng  
RT: 7.192 min Scan# 867  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:105 Resp: 337167  
Ion Ratio Lower Upper  
105 100  
71 6.9 5.7 8.5  
51 36.6 33.7 50.5  
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 80.041 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

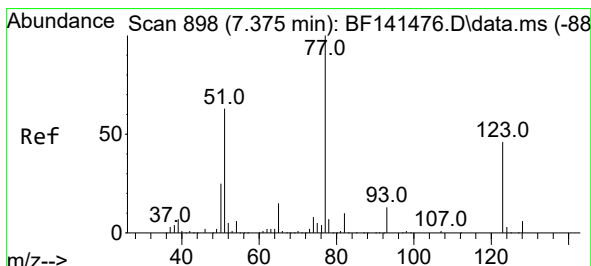
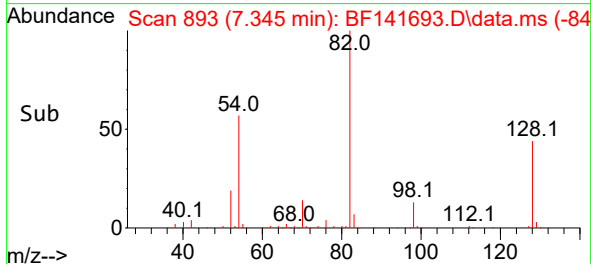
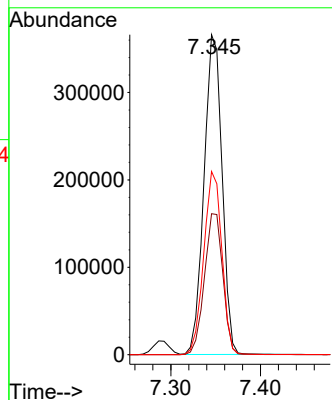
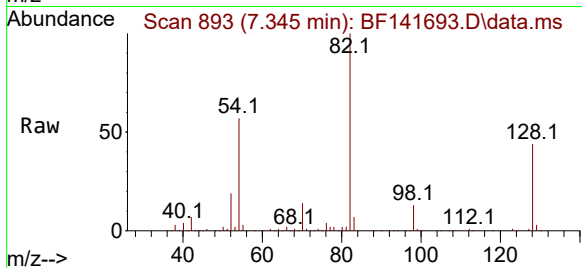
Tgt Ion: 82 Resp: 511901

Ion Ratio Lower Upper

82 100

128 44.0 34.8 52.2

54 57.2 48.2 72.4



#24

Nitrobenzene

Concen: 40.641 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

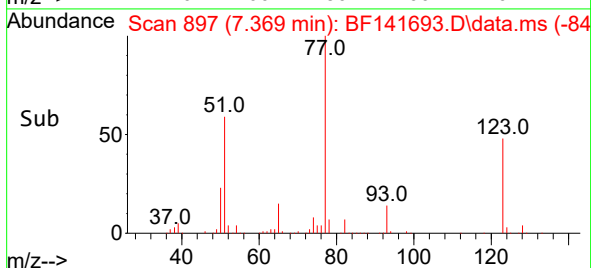
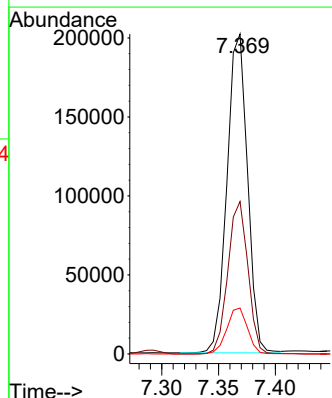
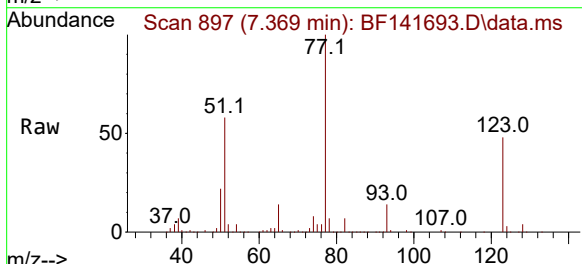
Tgt Ion: 77 Resp: 253453

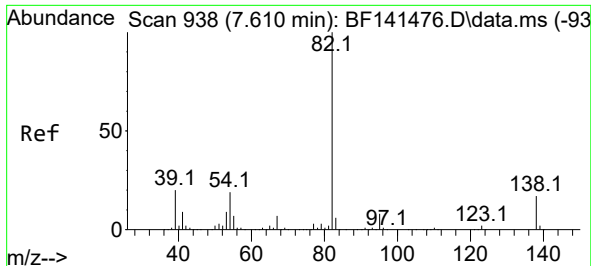
Ion Ratio Lower Upper

77 100

123 47.7 36.9 55.3

65 14.4 11.9 17.9

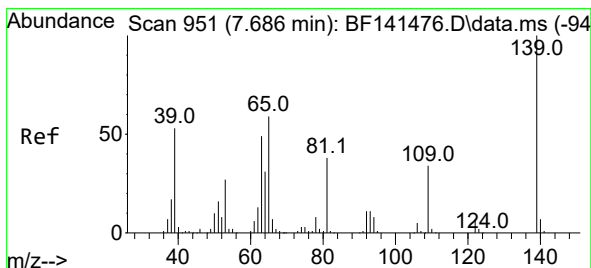
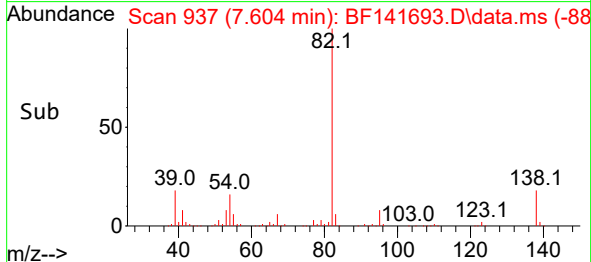
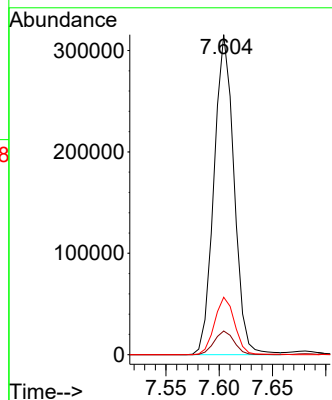
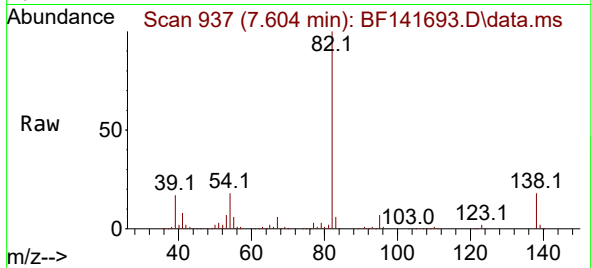




#25  
Isophorone  
Concen: 40.509 ng  
RT: 7.604 min Scan# 91  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

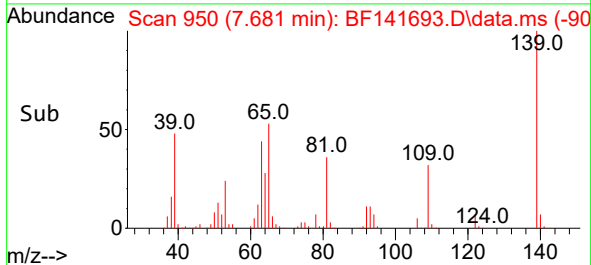
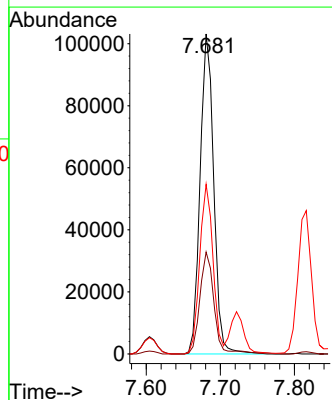
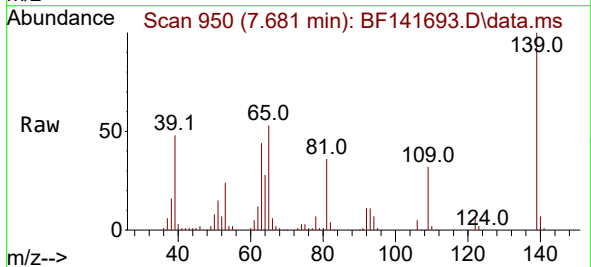
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

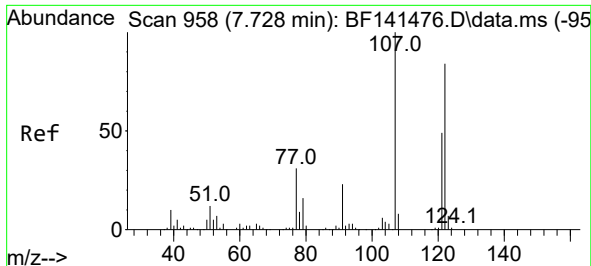
Tgt Ion: 82 Resp: 413093  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.4 9.6  
138 17.9 13.9 20.9



#26  
2-Nitrophenol  
Concen: 42.470 ng  
RT: 7.681 min Scan# 950  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:139 Resp: 131772  
Ion Ratio Lower Upper  
139 100  
109 31.9 27.0 40.6  
65 53.0 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 41.204 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

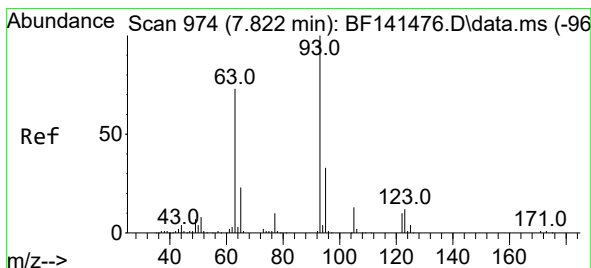
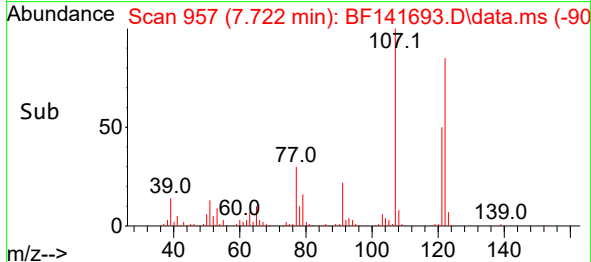
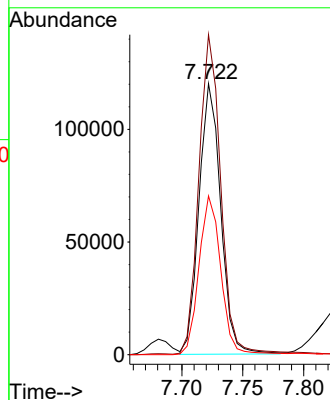
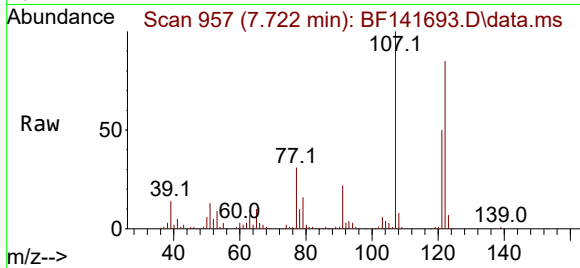
Tgt Ion:122 Resp: 149351

Ion Ratio Lower Upper

122 100

107 118.0 94.3 141.5

121 58.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.025 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

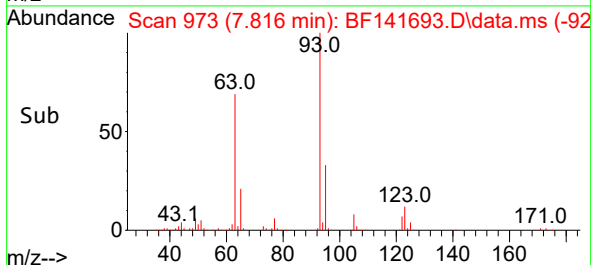
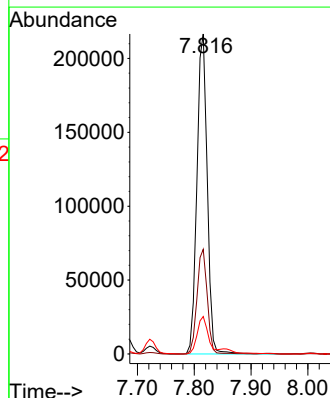
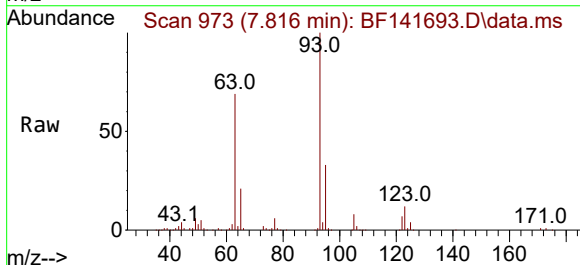
Tgt Ion: 93 Resp: 274608

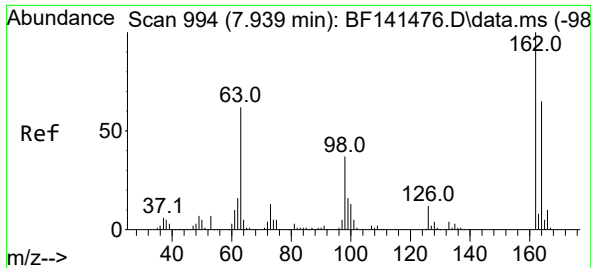
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 11.7 9.5 14.3

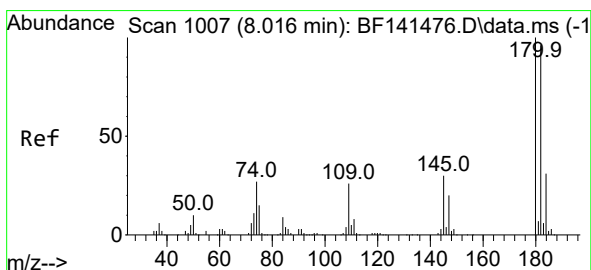
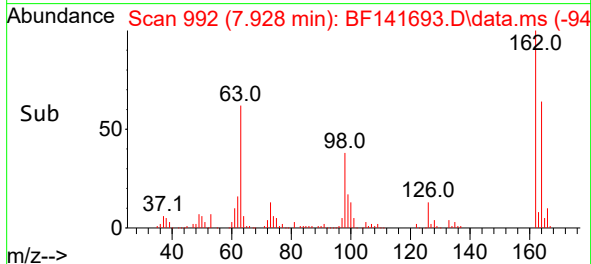
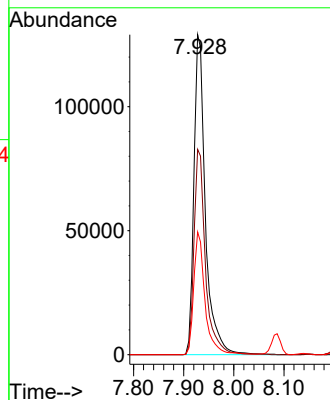
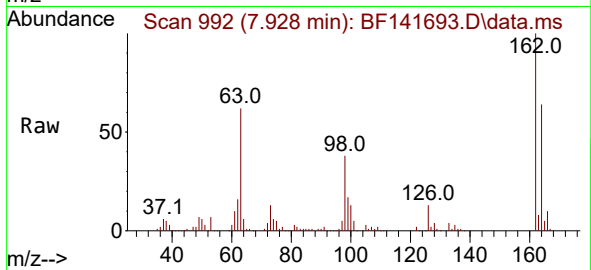




#29  
2,4-Dichlorophenol  
Concen: 41.802 ng  
RT: 7.928 min Scan# 994  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

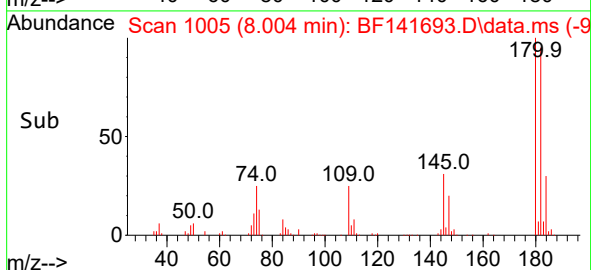
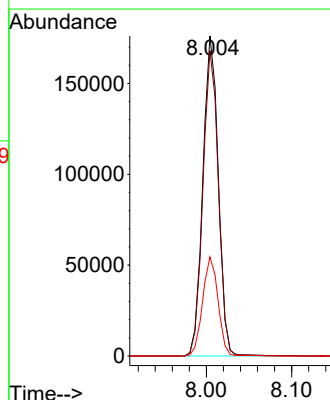
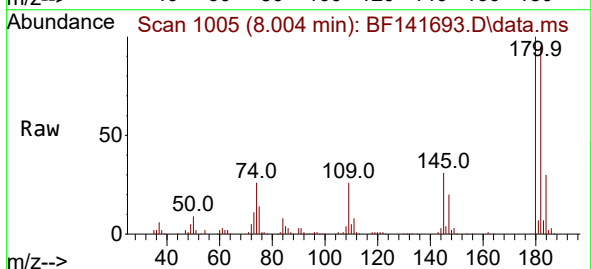
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

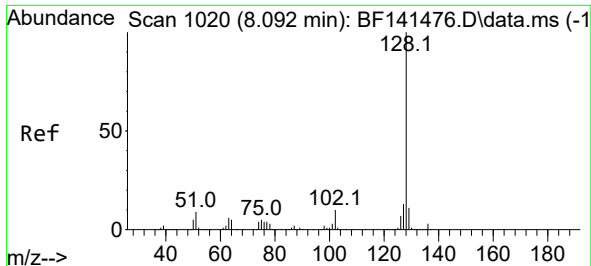
Tgt Ion:162 Resp: 204723  
Ion Ratio Lower Upper  
162 100  
164 64.1 44.6 84.6  
98 38.4 17.2 57.2



#30  
1,2,4-Trichlorobenzene  
Concen: 41.566 ng  
RT: 8.004 min Scan# 1005  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:180 Resp: 221676  
Ion Ratio Lower Upper  
180 100  
182 95.4 76.8 115.2  
145 31.0 24.2 36.4

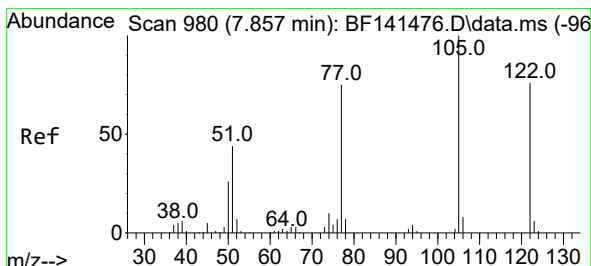
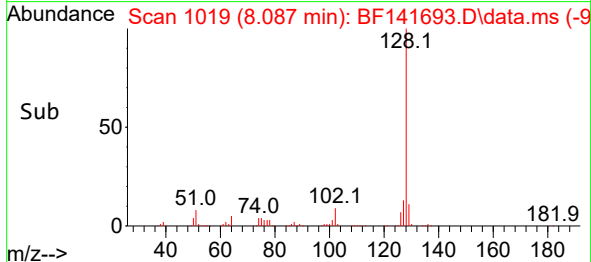
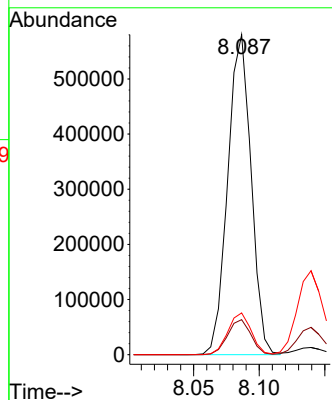
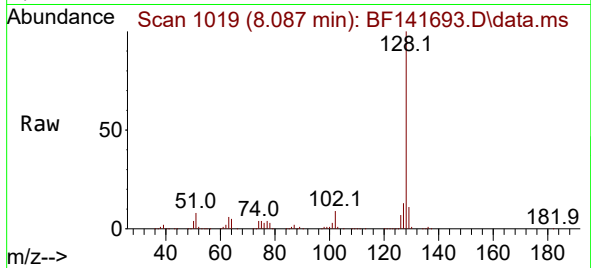




#31  
Naphthalene  
Concen: 41.404 ng  
RT: 8.087 min Scan# 1019  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

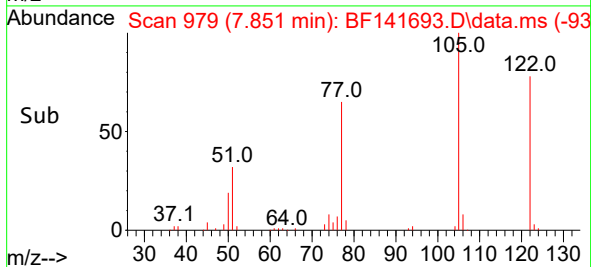
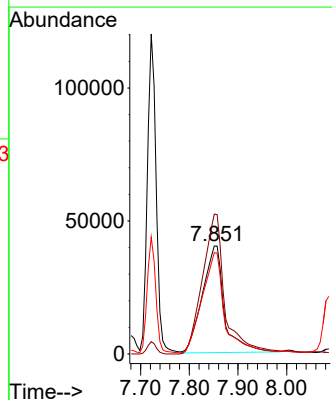
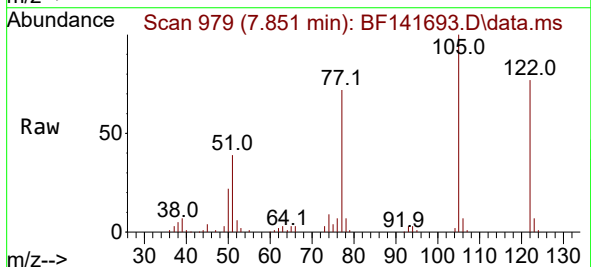
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

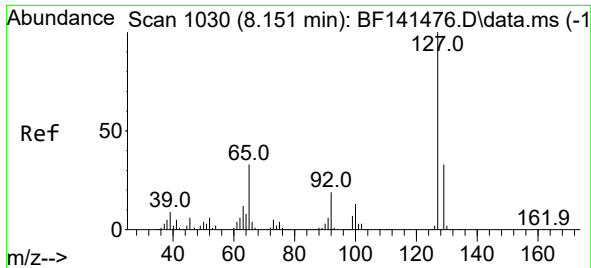
Tgt Ion:128 Resp: 718945  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 13.1 10.7 16.1



#32  
Benzoic acid  
Concen: 33.475 ng  
RT: 7.851 min Scan# 979  
Delta R.T. -0.041 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:122 Resp: 126034  
Ion Ratio Lower Upper  
122 100  
105 129.4 106.5 146.5  
77 93.7 76.3 116.3

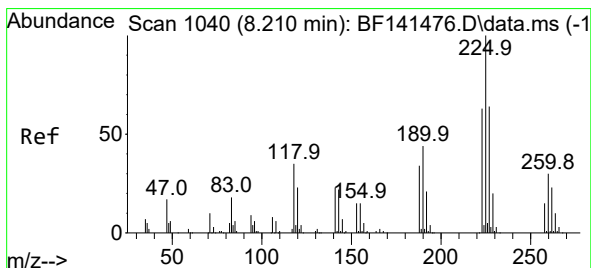
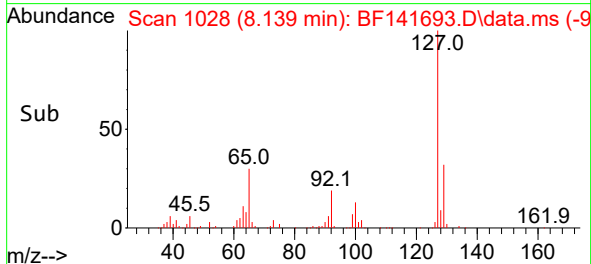
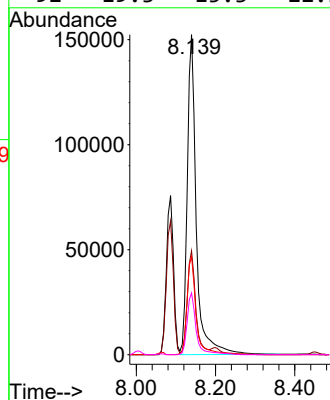
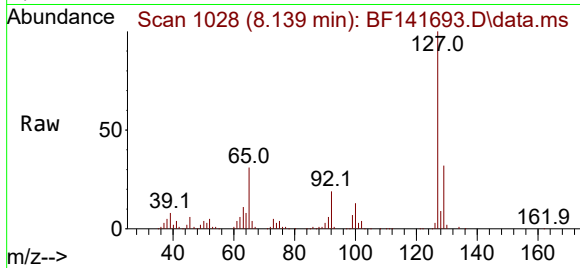




#33  
4-Chloroaniline  
Concen: 39.725 ng  
RT: 8.139 min Scan# 1030  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

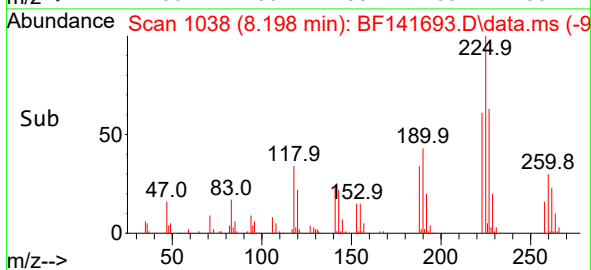
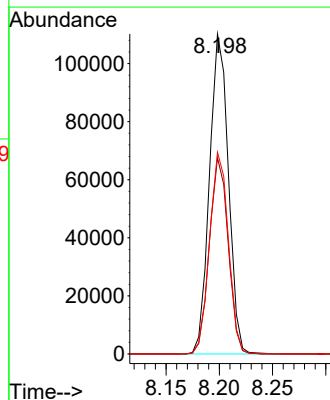
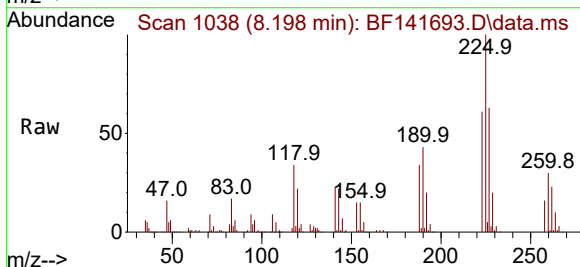
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BNA\_F  
ClientSampleId :  
SSTDCCC040EC

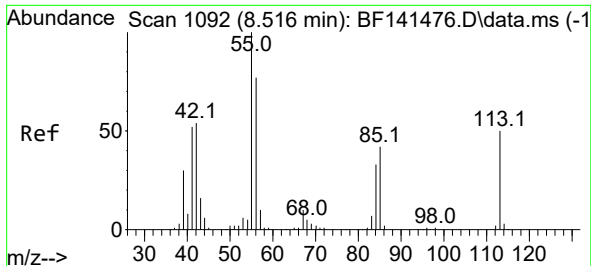
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 240828 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 26.5  | 39.7   |
| 65       | 30.7  | 26.4  | 39.6   |
| 92       | 19.3  | 15.3  | 22.9   |



#34  
Hexachlorobutadiene  
Concen: 42.366 ng  
RT: 8.198 min Scan# 1038  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 135641 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.3  | 50.1  | 75.1   |
| 227      | 63.0  | 51.0  | 76.6   |

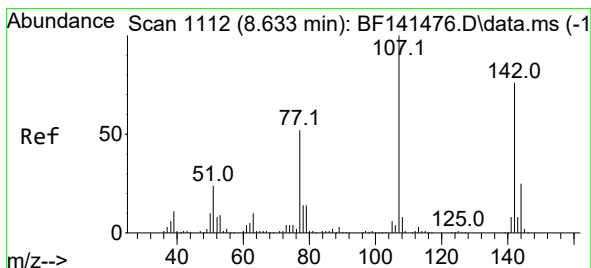
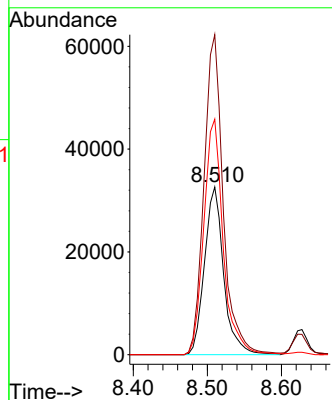
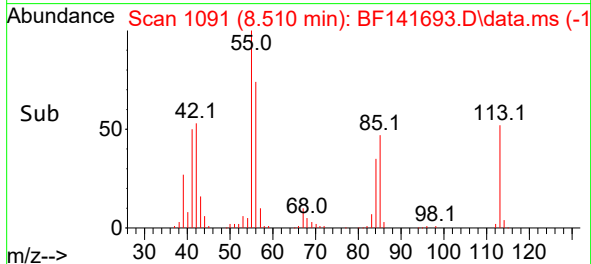
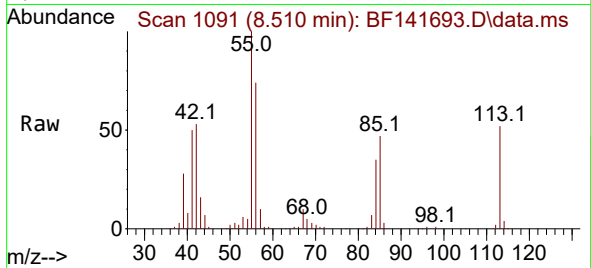




#35  
 Caprolactam  
 Concen: 39.370 ng  
 RT: 8.510 min Scan# 1109  
 Delta R.T. -0.035 min  
 Lab File: BF141693.D  
 Acq: 20 Feb 2025 00:05

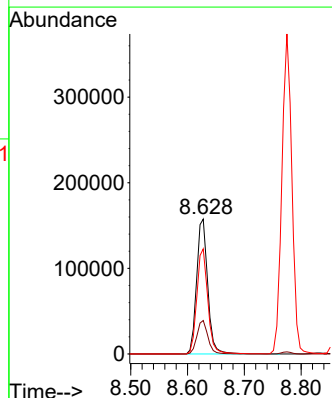
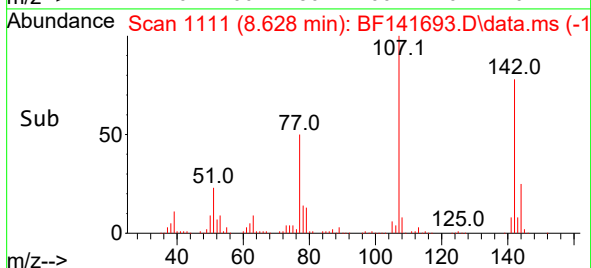
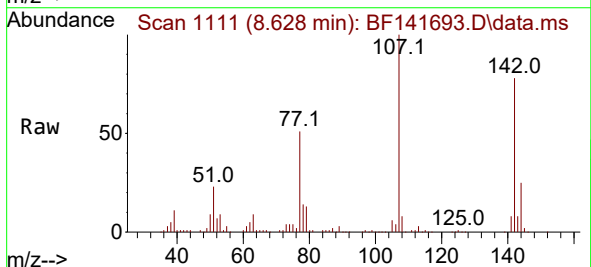
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

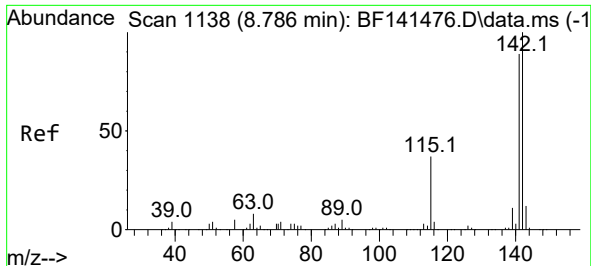
Tgt Ion:113 Resp: 58706  
 Ion Ratio Lower Upper  
 113 100  
 55 190.8 180.8 220.8  
 56 140.5 133.6 173.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.669 ng  
 RT: 8.628 min Scan# 1111  
 Delta R.T. -0.012 min  
 Lab File: BF141693.D  
 Acq: 20 Feb 2025 00:05

Tgt Ion:107 Resp: 215204  
 Ion Ratio Lower Upper  
 107 100  
 144 24.8 19.7 29.5  
 142 77.9 60.8 91.2

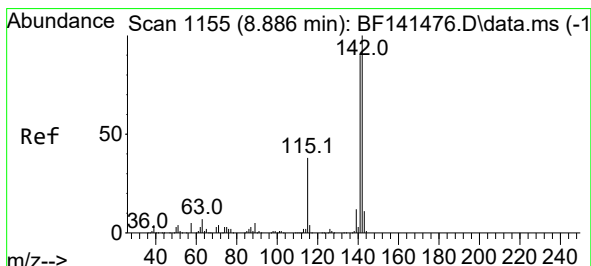
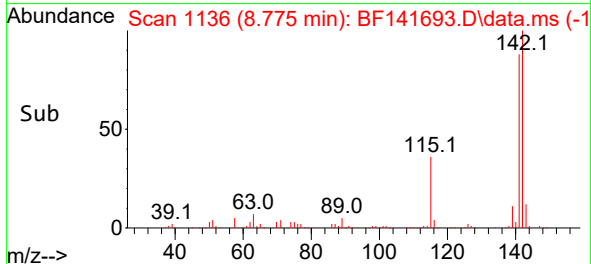
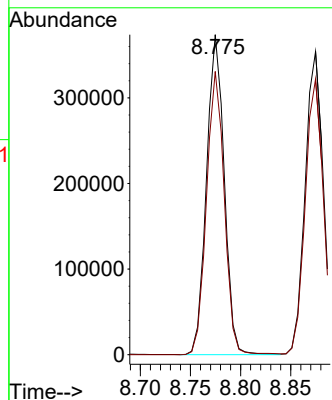
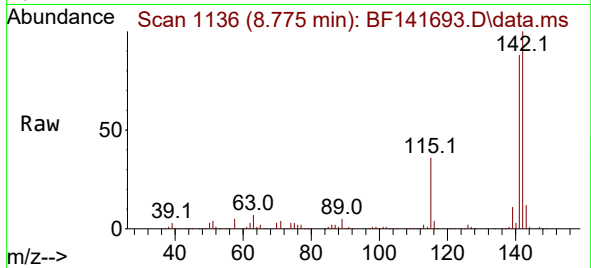




#37  
2-Methylnaphthalene  
Concen: 40.816 ng  
RT: 8.775 min Scan# 1136  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

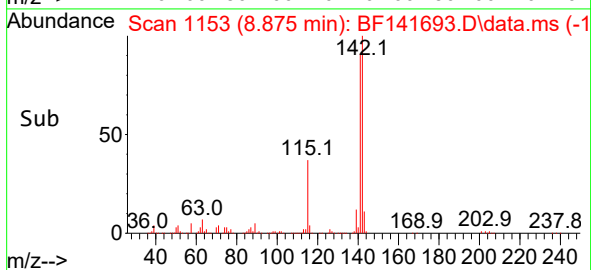
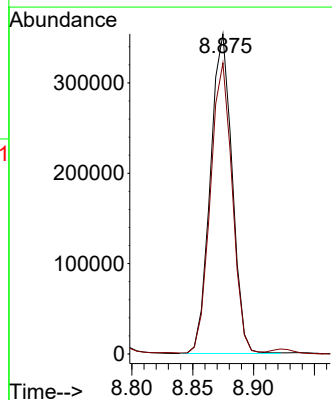
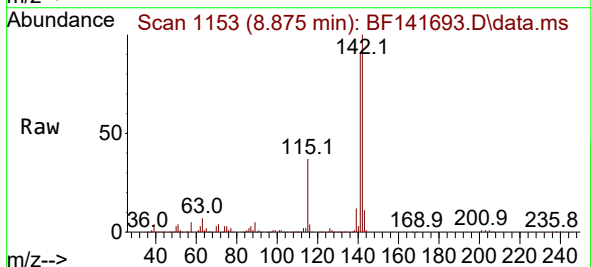
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

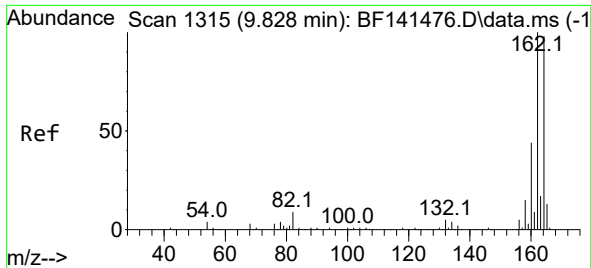
Tgt Ion:142 Resp: 461190  
Ion Ratio Lower Upper  
142 100  
141 88.5 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 40.318 ng  
RT: 8.875 min Scan# 1153  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:142 Resp: 441230  
Ion Ratio Lower Upper  
142 100  
141 90.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1164

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

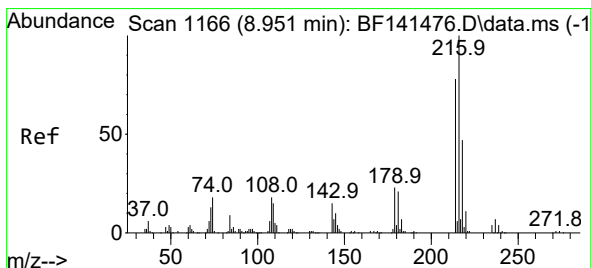
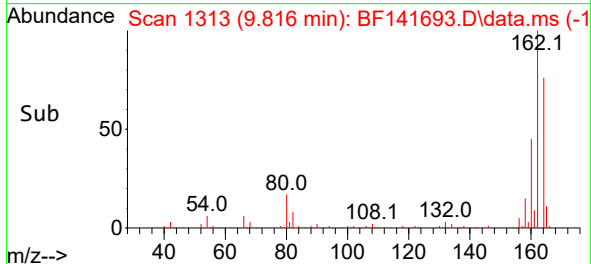
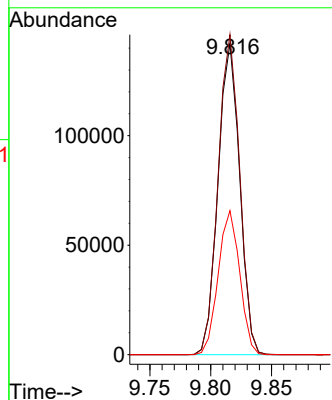
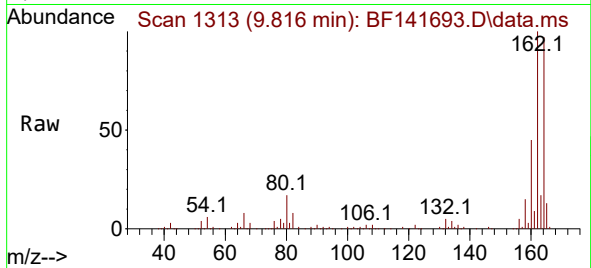
Tgt Ion:164 Resp: 175620

Ion Ratio Lower Upper

164 100

162 102.8 81.3 121.9

160 46.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.741 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Tgt Ion:216 Resp: 217164

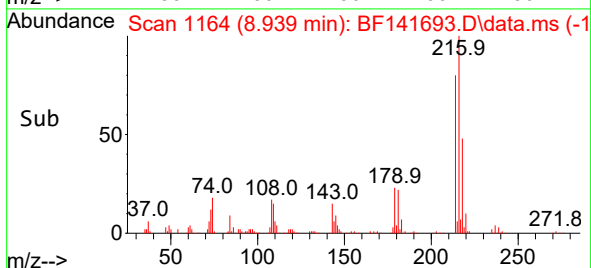
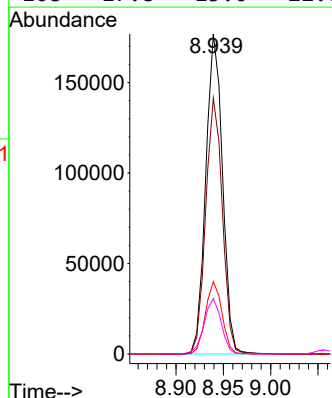
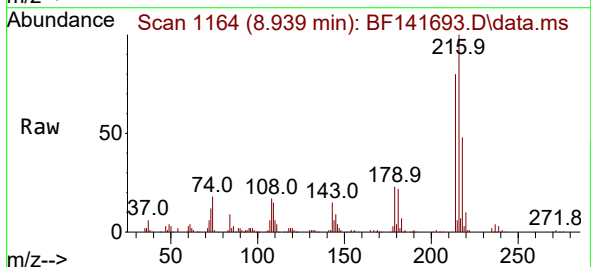
Ion Ratio Lower Upper

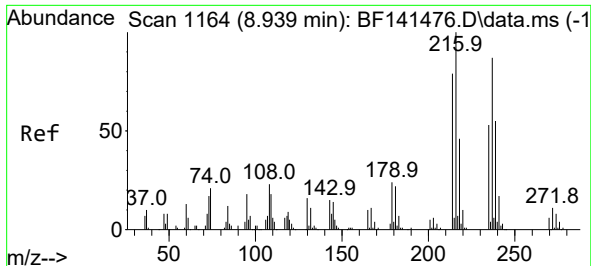
216 100

214 79.7 62.3 93.5

179 22.4 18.0 27.0

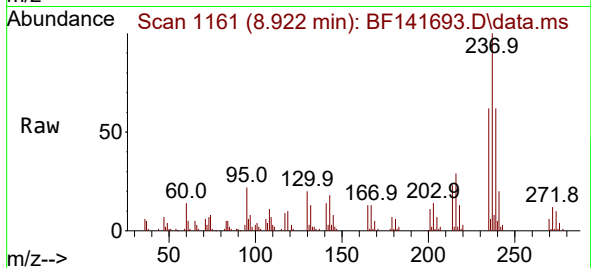
108 17.8 15.0 22.6



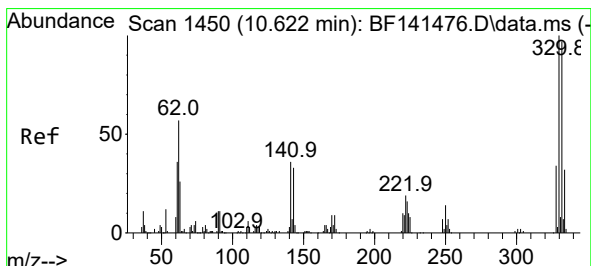
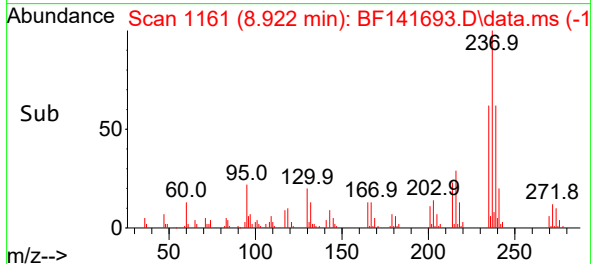
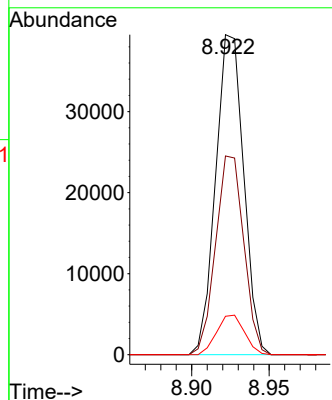


#41  
Hexachlorocyclopentadiene  
Concen: 29.483 ng  
RT: 8.922 min Scan# 1161  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

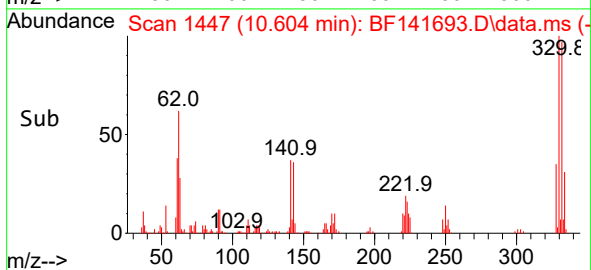
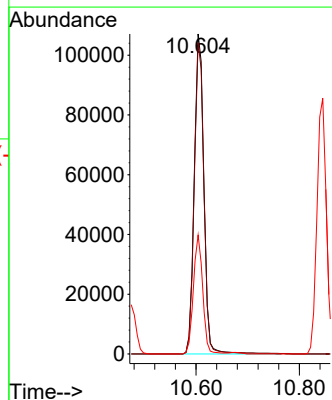
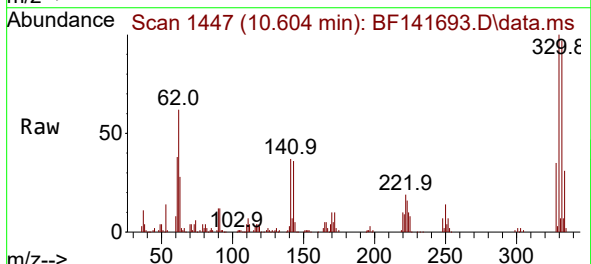


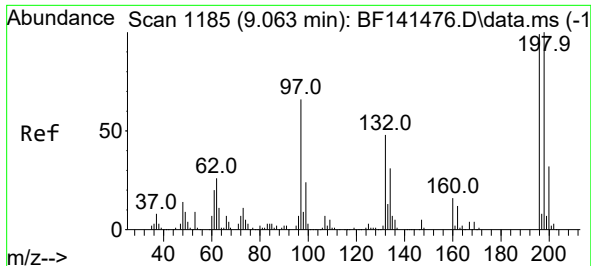
Tgt Ion:237 Resp: 49825  
Ion Ratio Lower Upper  
237 100  
235 62.1 41.4 81.4  
272 12.0 0.0 32.4



#42  
2,4,6-Tribromophenol  
Concen: 78.766 ng  
RT: 10.604 min Scan# 1447  
Delta R.T. -0.023 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:330 Resp: 138958  
Ion Ratio Lower Upper  
330 100  
332 96.9 78.5 117.7  
141 35.8 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 41.676 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

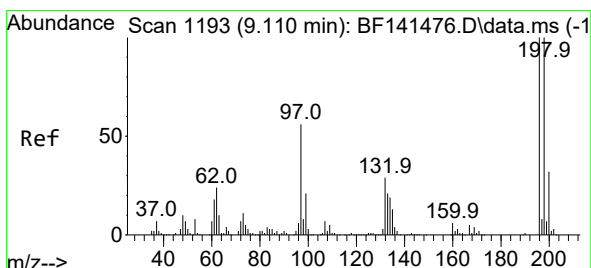
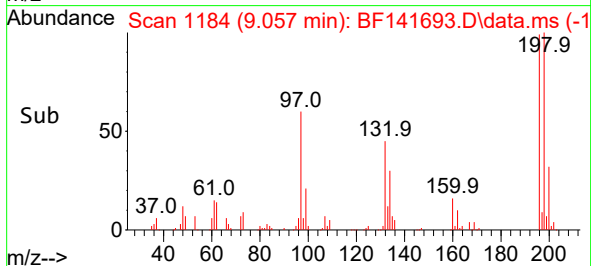
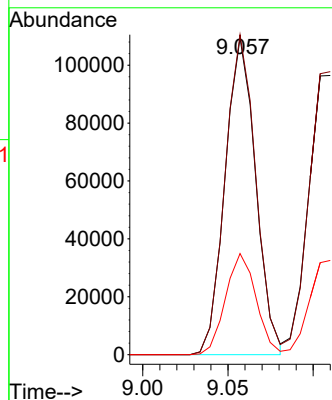
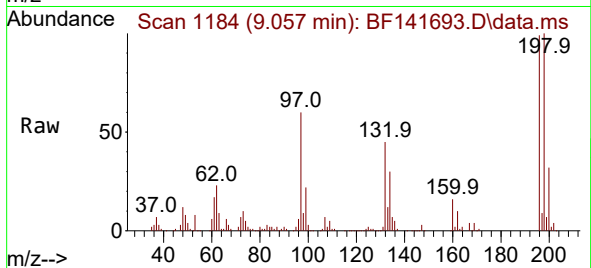
Tgt Ion:196 Resp: 136859

Ion Ratio Lower Upper

196 100

198 101.1 80.6 121.0

200 31.9 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 41.546 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Tgt Ion:196 Resp: 147858

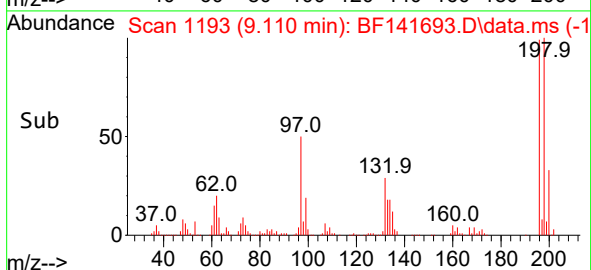
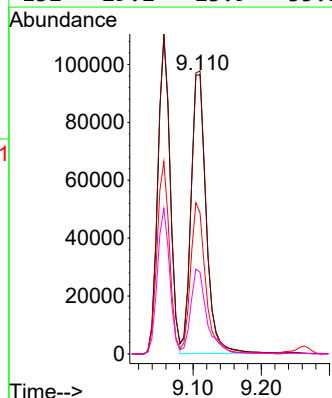
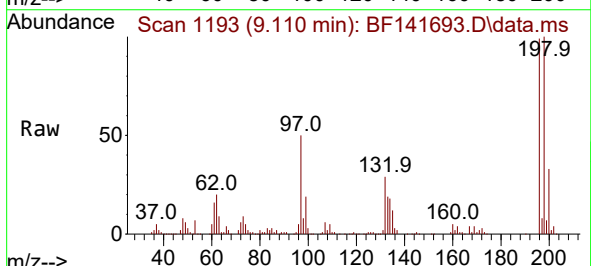
Ion Ratio Lower Upper

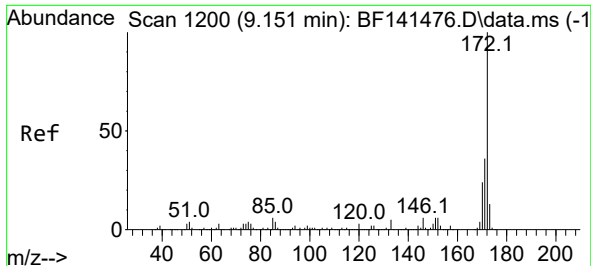
196 100

198 101.4 79.8 119.8

97 50.5 44.8 67.2

132 29.2 23.9 35.9

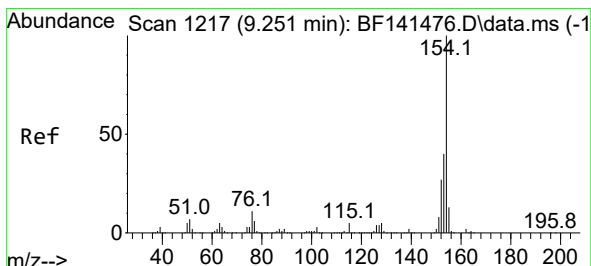
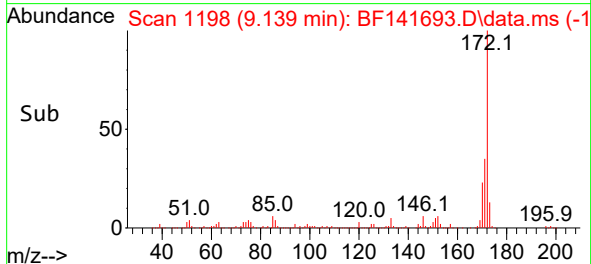
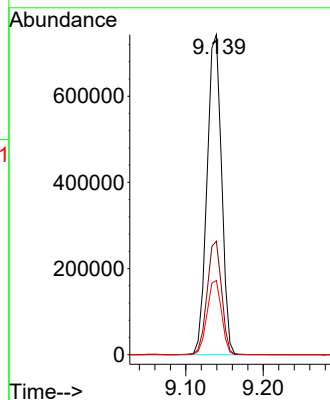
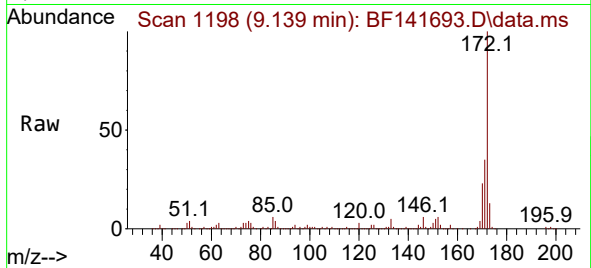




#45  
2-Fluorobiphenyl  
Concen: 84.575 ng  
RT: 9.139 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

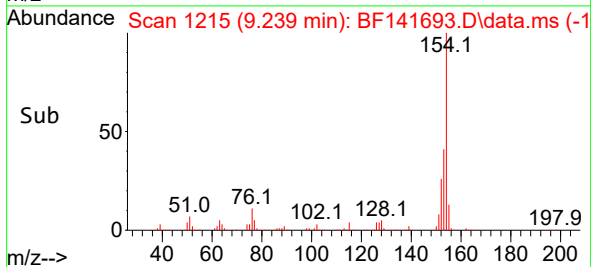
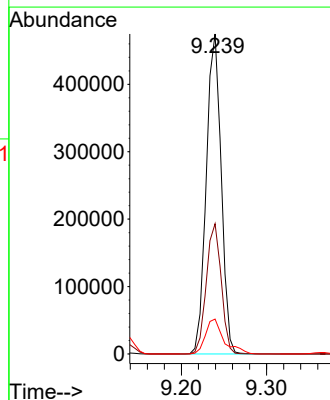
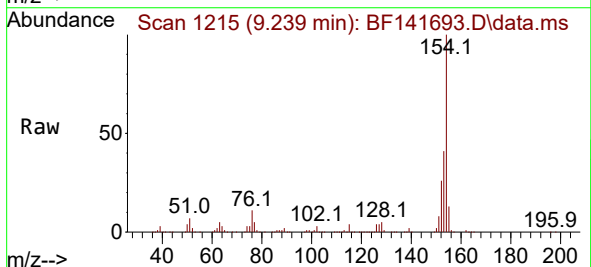
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

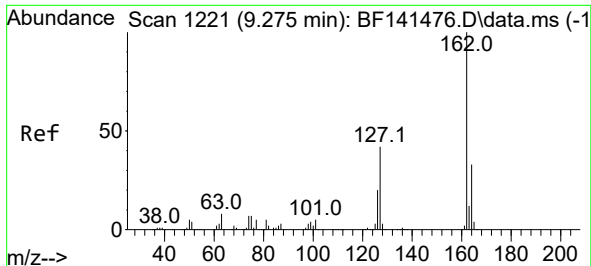
Tgt Ion:172 Resp: 964086  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.7 43.1  
170 23.2 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 42.323 ng  
RT: 9.239 min Scan# 1215  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:154 Resp: 576246  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.4 60.4  
76 10.9 0.0 30.8





#47

2-Chloronaphthalene

Concen: 42.031 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

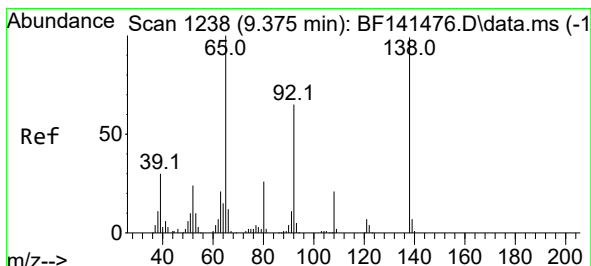
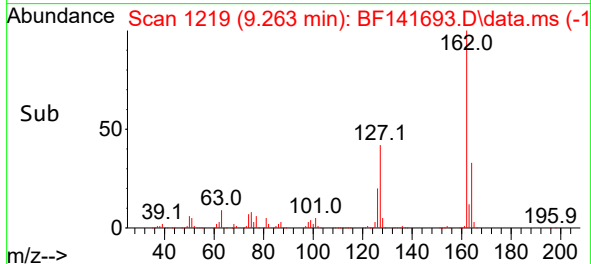
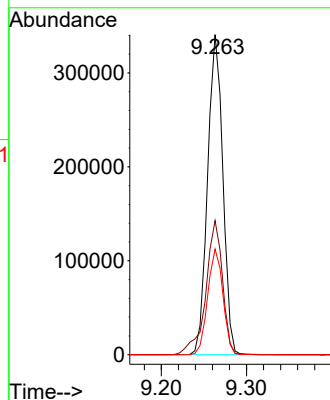
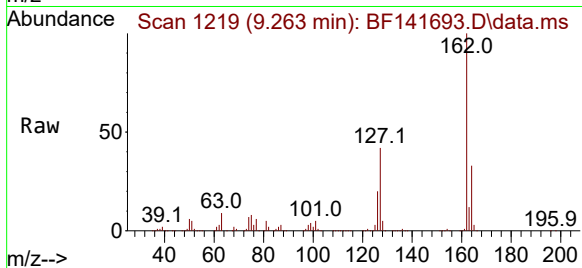
Tgt Ion:162 Resp: 423178

Ion Ratio Lower Upper

162 100

127 41.9 34.1 51.1

164 33.0 26.3 39.5



#48

2-Nitroaniline

Concen: 39.545 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

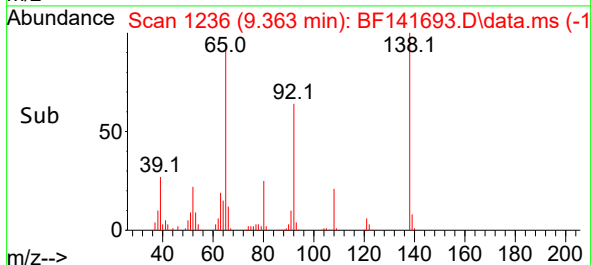
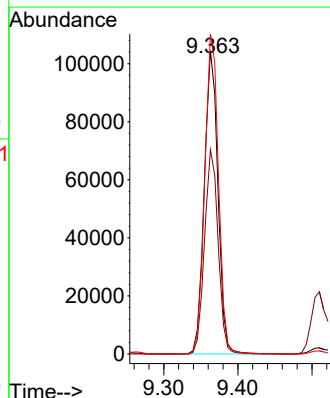
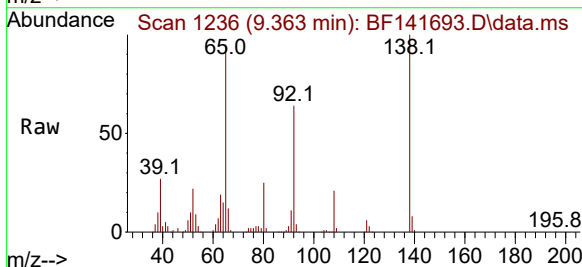
Tgt Ion: 65 Resp: 133620

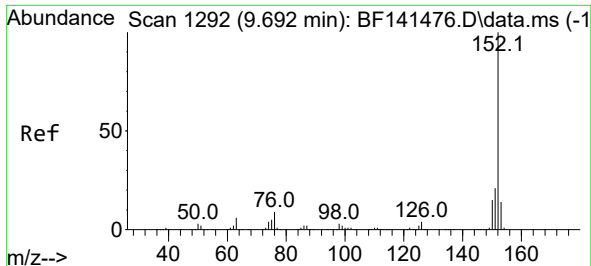
Ion Ratio Lower Upper

65 100

92 67.4 52.2 78.2

138 105.5 79.5 119.3





#49

Acenaphthylene

Concen: 41.687 ng

RT: 9.675 min Scan# 1289

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

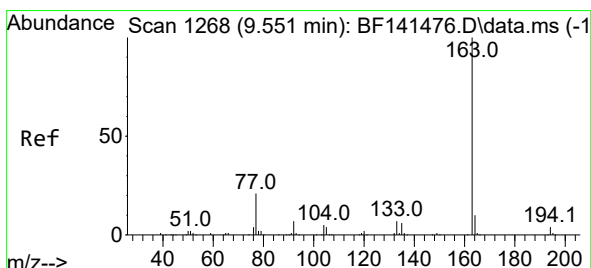
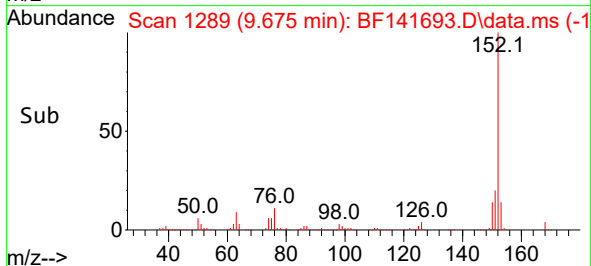
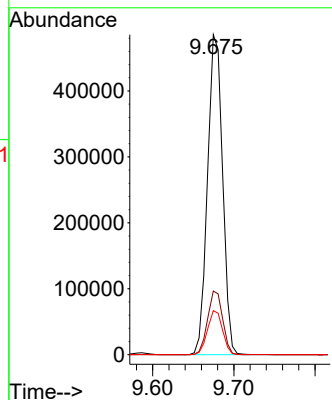
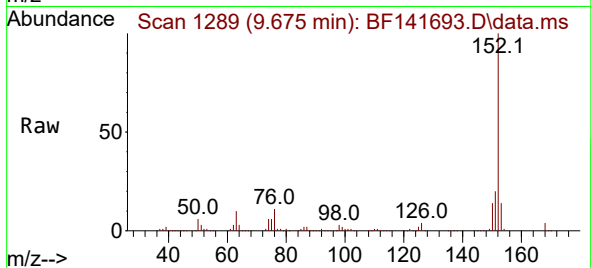
Tgt Ion:152 Resp: 624279

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

153 13.7 10.9 16.3



#50

Dimethylphthalate

Concen: 42.096 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

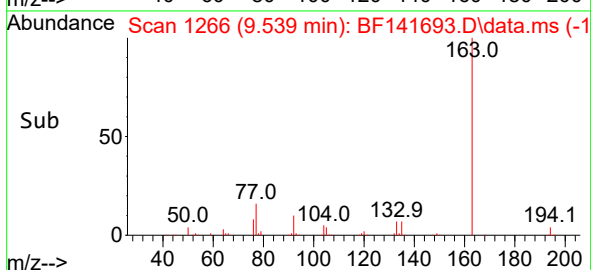
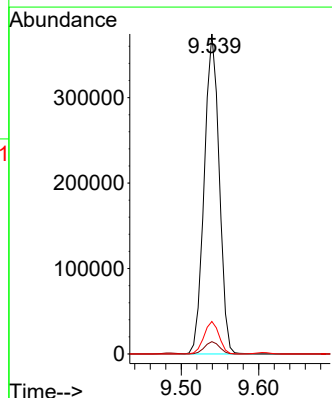
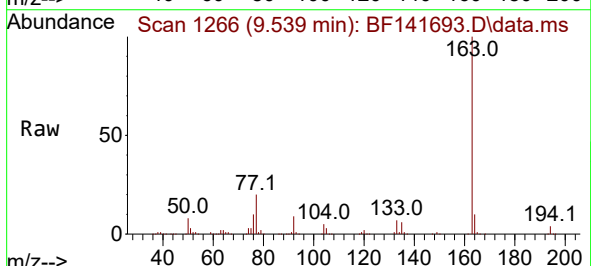
Tgt Ion:163 Resp: 501886

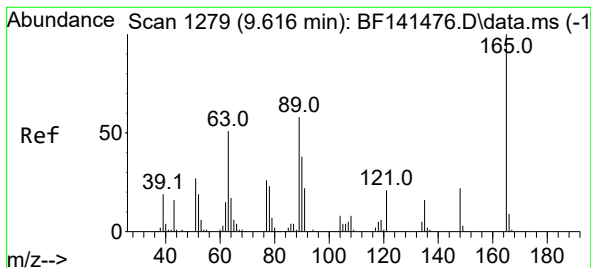
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.9 11.9

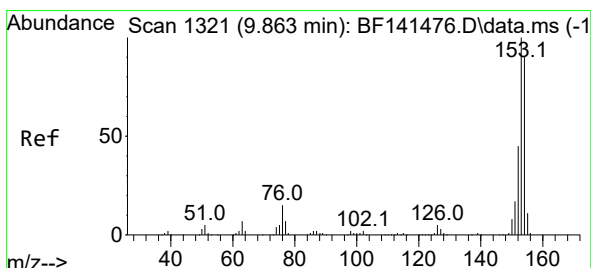
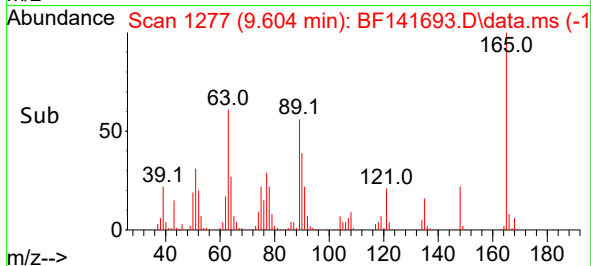
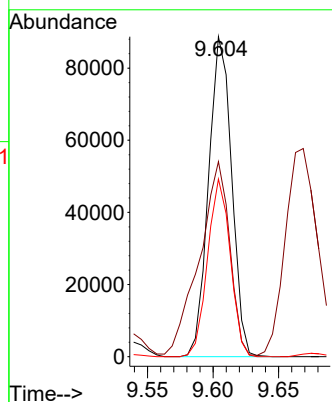
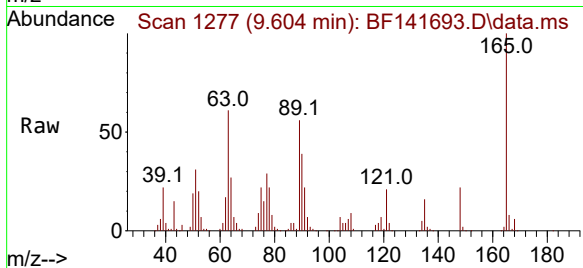




#51  
2,6-Dinitrotoluene  
Concen: 41.673 ng  
RT: 9.604 min Scan# 1319  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

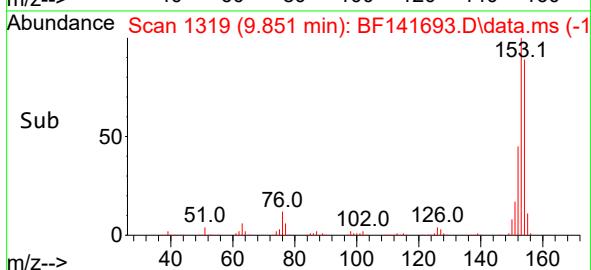
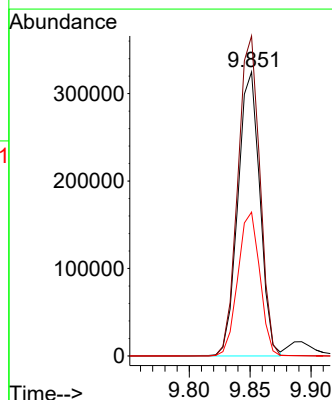
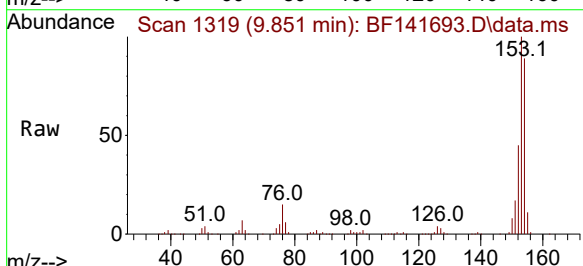
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

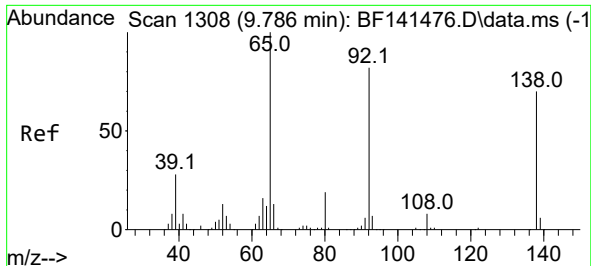
Tgt Ion:165 Resp: 108613  
Ion Ratio Lower Upper  
165 100  
63 60.9 49.4 74.0  
89 55.5 46.5 69.7



#52  
Acenaphthene  
Concen: 40.498 ng  
RT: 9.851 min Scan# 1319  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:154 Resp: 407725  
Ion Ratio Lower Upper  
154 100  
153 112.7 89.2 133.8  
152 50.6 39.8 59.8

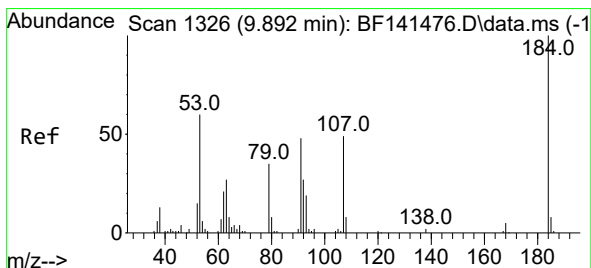
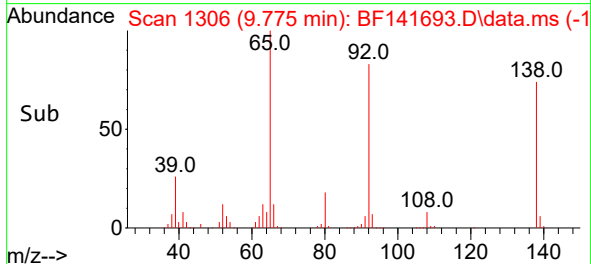
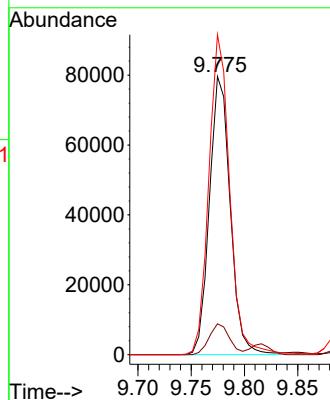
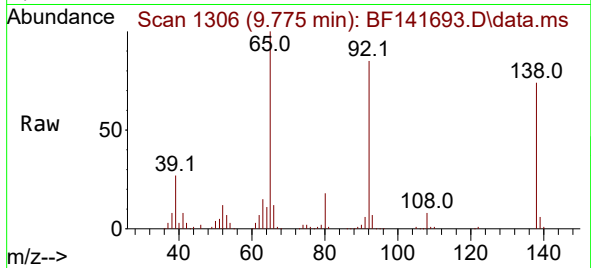




#53  
3-Nitroaniline  
Concen: 38.593 ng  
RT: 9.775 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

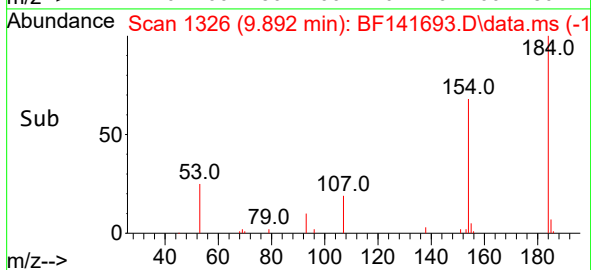
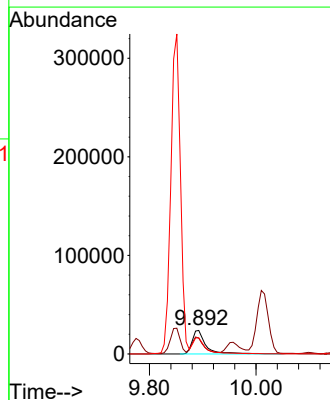
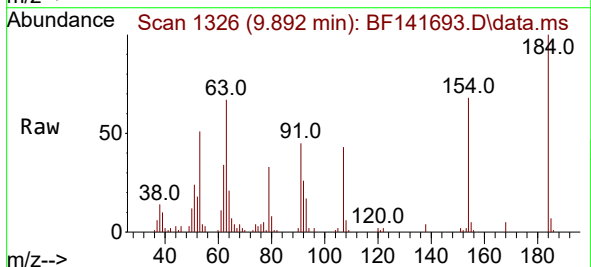
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

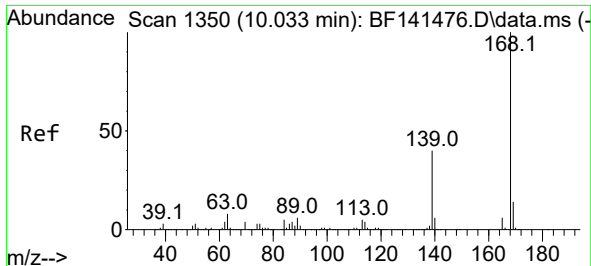
Tgt Ion:138 Resp: 108260  
Ion Ratio Lower Upper  
138 100  
108 11.1 9.0 13.4  
92 115.0 93.7 140.5



#54  
2,4-Dinitrophenol  
Concen: 27.871 ng  
RT: 9.892 min Scan# 1326  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:184 Resp: 43173  
Ion Ratio Lower Upper  
184 100  
63 67.3 61.0 91.6  
154 68.4 59.9 89.9

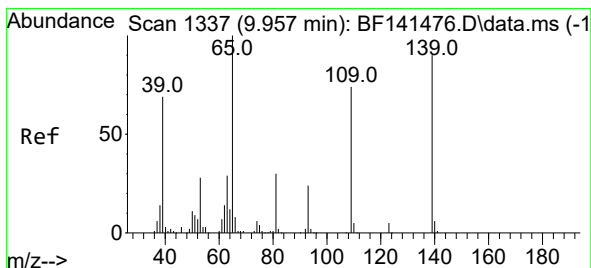
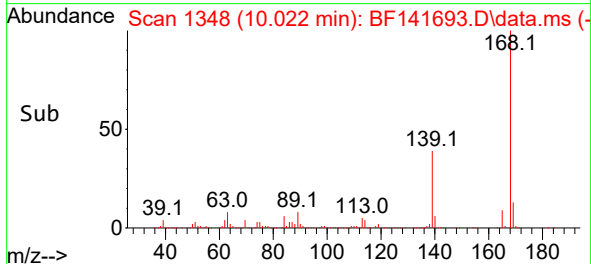
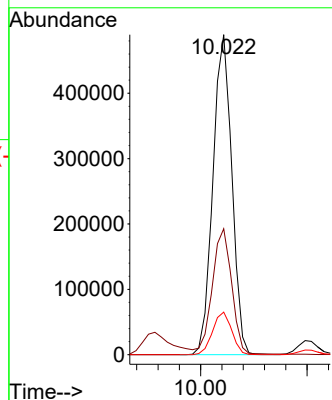
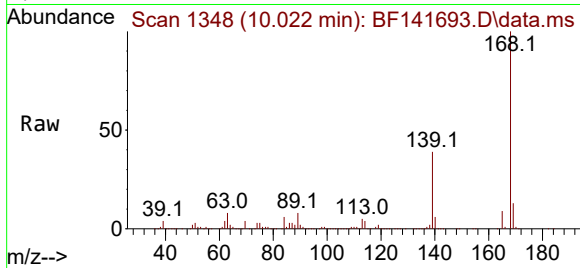




#55  
Dibenzenofuran  
Concen: 40.838 ng  
RT: 10.022 min Scan# 1348  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

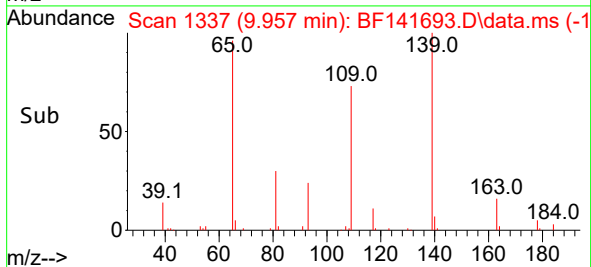
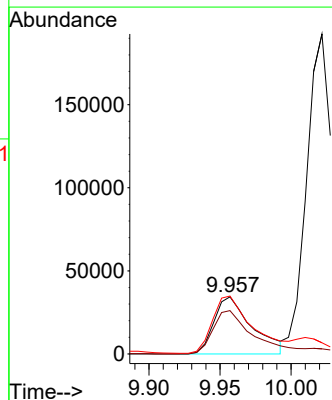
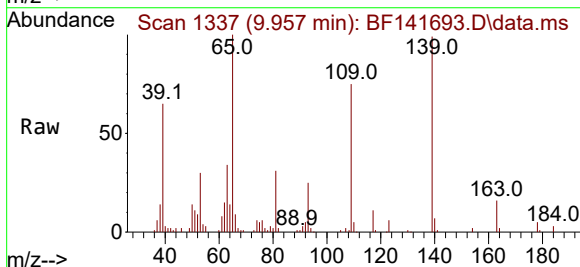
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BNA\_F  
ClientSampleId :  
SSTDCCC040EC

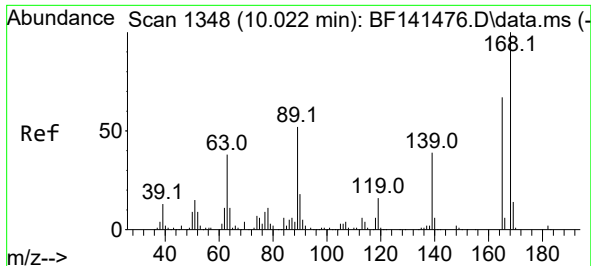
Tgt Ion:168 Resp: 603488  
Ion Ratio Lower Upper  
168 100  
139 39.3 32.7 49.1  
169 13.3 10.8 16.2



#56  
4-Nitrophenol  
Concen: 30.582 ng  
RT: 9.957 min Scan# 1337  
Delta R.T. -0.012 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:139 Resp: 63683  
Ion Ratio Lower Upper  
139 100  
109 76.0 62.0 102.0  
65 101.4 91.2 131.2

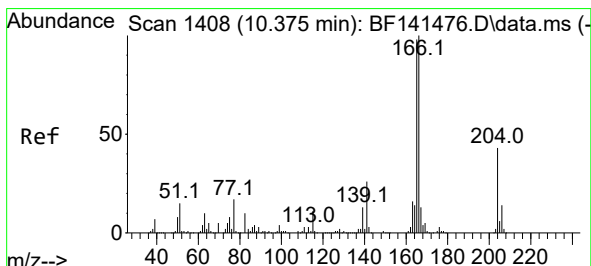
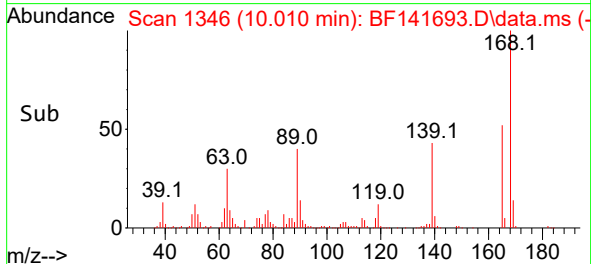
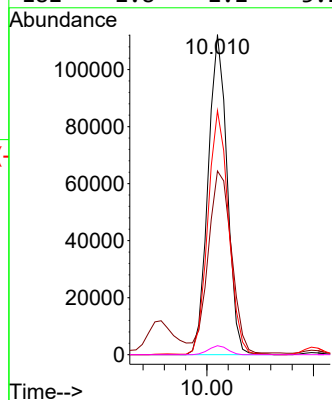
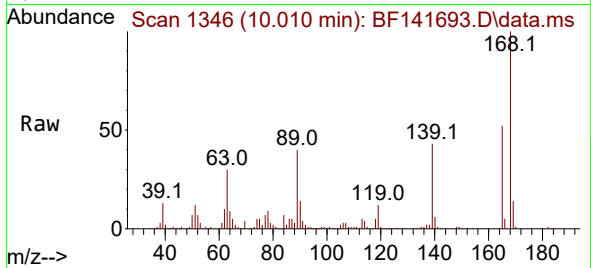




#57  
2,4-Dinitrotoluene  
Concen: 40.286 ng  
RT: 10.010 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

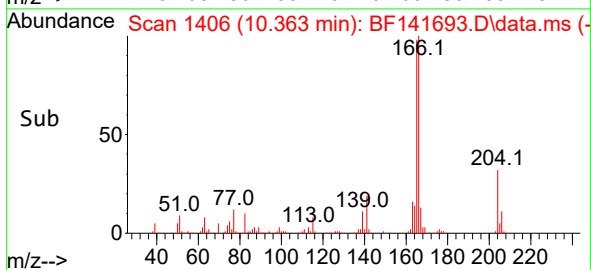
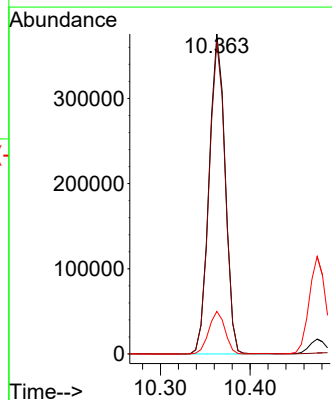
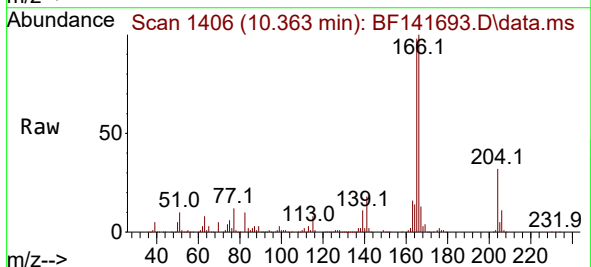
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

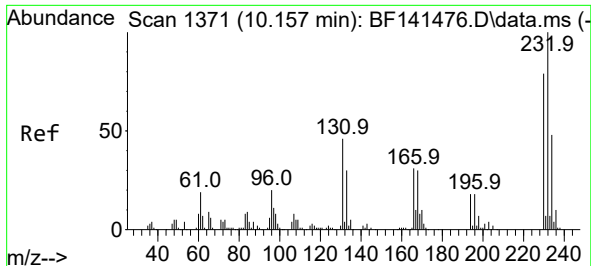
Tgt Ion:165 Resp: 139778  
Ion Ratio Lower Upper  
165 100  
63 57.4 46.4 69.6  
89 76.3 61.8 92.6  
182 2.8 2.2 3.2



#58  
Fluorene  
Concen: 40.892 ng  
RT: 10.363 min Scan# 1406  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:166 Resp: 467231  
Ion Ratio Lower Upper  
166 100  
165 97.6 78.2 117.2  
167 13.3 10.7 16.1

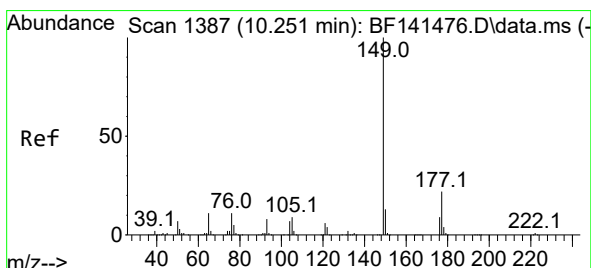
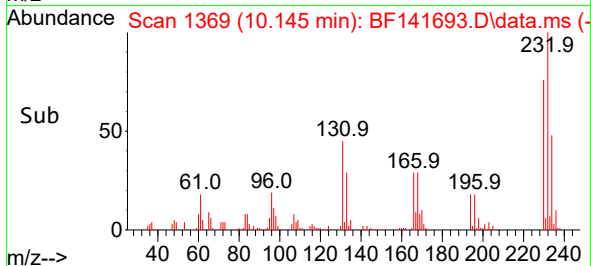
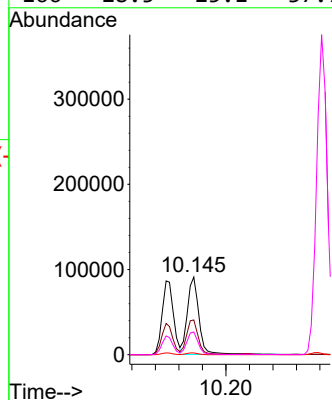
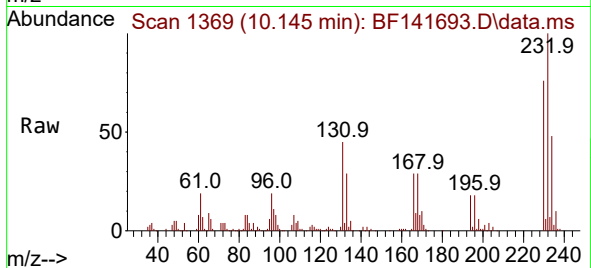




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.567 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

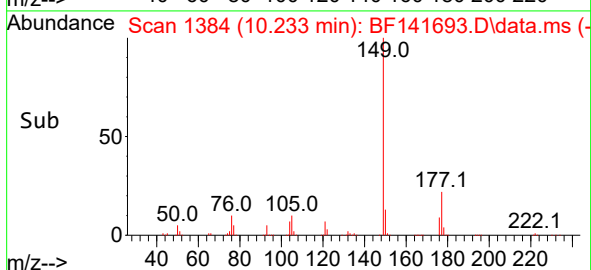
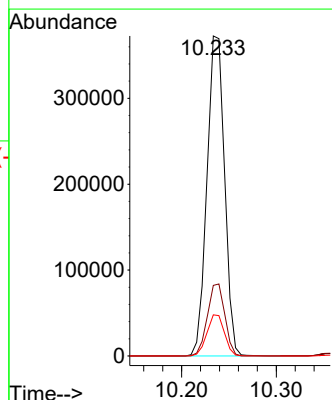
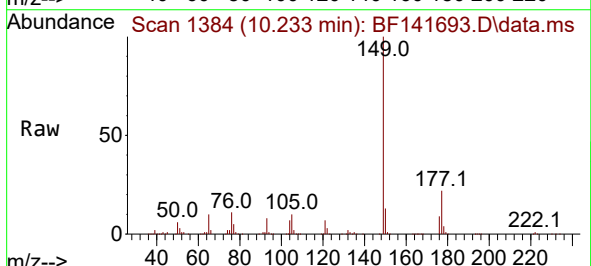
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

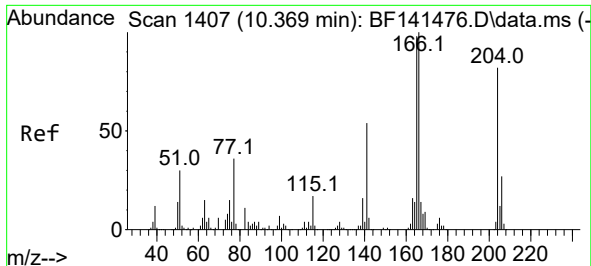
Tgt Ion:232 Resp: 124299  
Ion Ratio Lower Upper  
232 100  
131 45.3 39.2 58.8  
130 2.3 2.1 3.1  
166 28.5 25.1 37.7



#60  
Diethylphthalate  
Concen: 41.053 ng  
RT: 10.233 min Scan# 1384  
Delta R.T. -0.023 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:149 Resp: 481565  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.8 26.6  
150 12.8 10.1 15.1

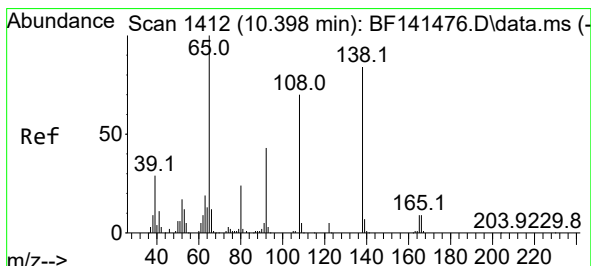
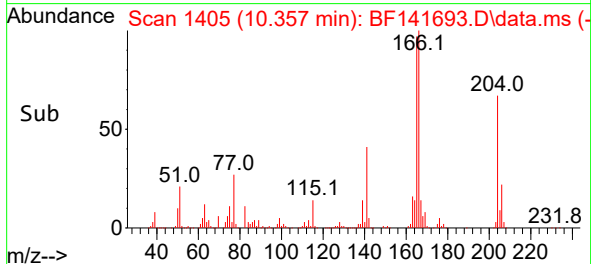
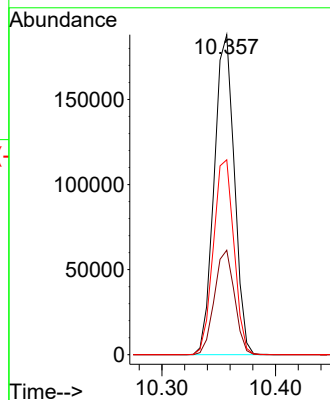
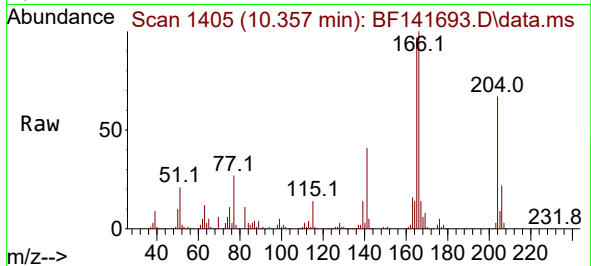




#61  
4-Chlorophenyl-phenylether  
Concen: 42.206 ng  
RT: 10.357 min Scan# 1410  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

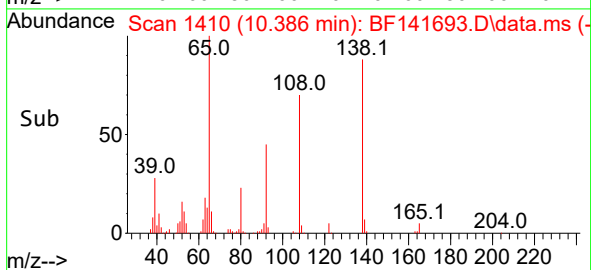
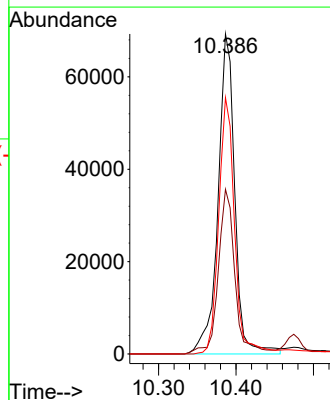
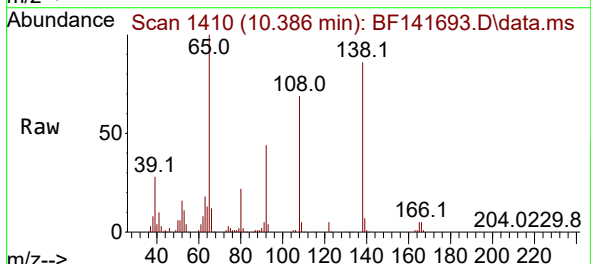
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

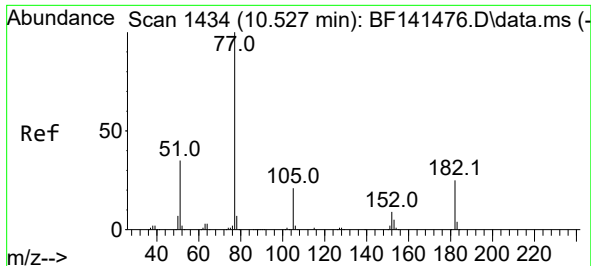
Tgt Ion:204 Resp: 232006  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.6 40.0  
141 60.9 51.9 77.9



#62  
4-Nitroaniline  
Concen: 36.557 ng  
RT: 10.386 min Scan# 1410  
Delta R.T. -0.029 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:138 Resp: 104128  
Ion Ratio Lower Upper  
138 100  
92 51.4 31.3 71.3  
108 80.1 63.7 103.7

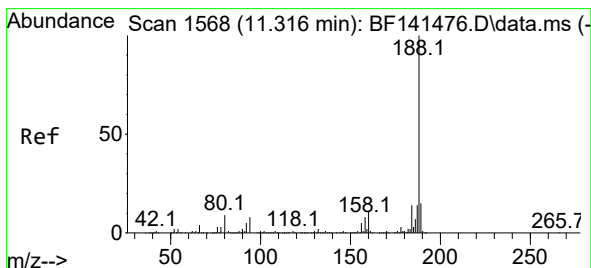
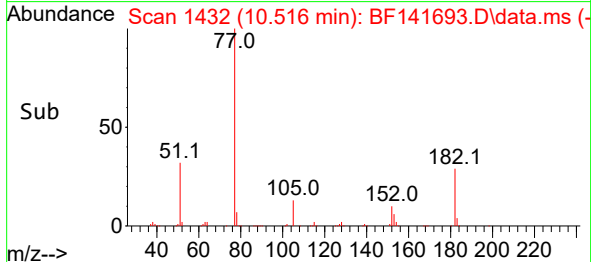
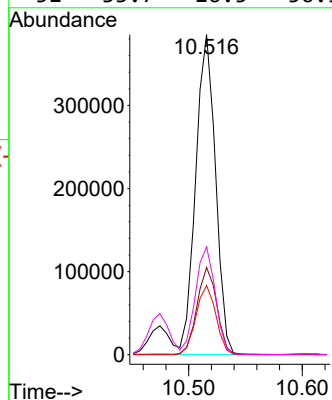
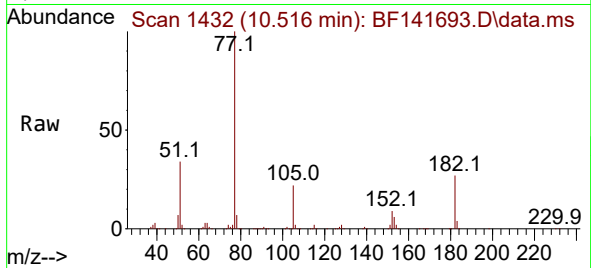




#63  
Azobenzene  
Concen: 39.911 ng  
RT: 10.516 min Scan# 1432  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

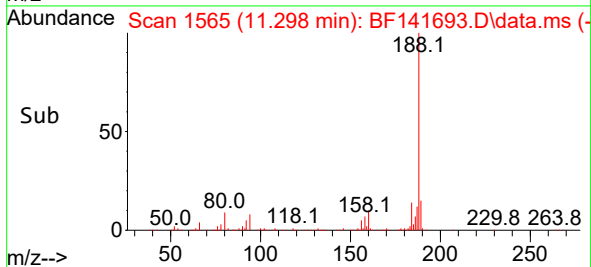
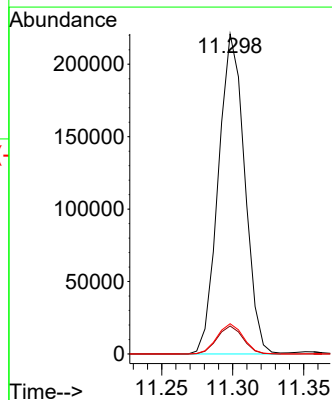
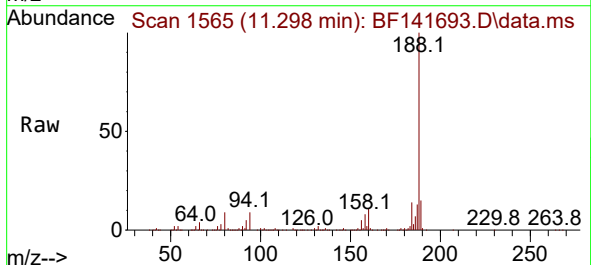
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

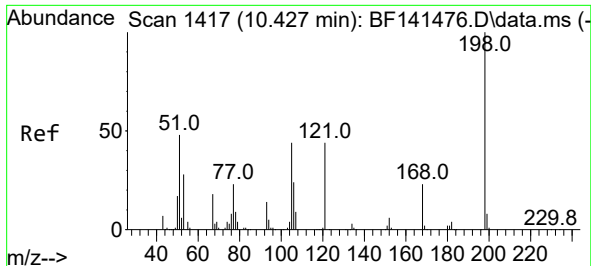
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 465416 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 27.2  | 4.7   | 44.7   |
| 105      | 21.6  | 0.4   | 40.4   |
| 51       | 33.7  | 16.5  | 56.5   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.298 min Scan# 1565  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 284381 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.7   | 6.6   | 10.0   |
| 80       | 9.5   | 7.3   | 10.9   |

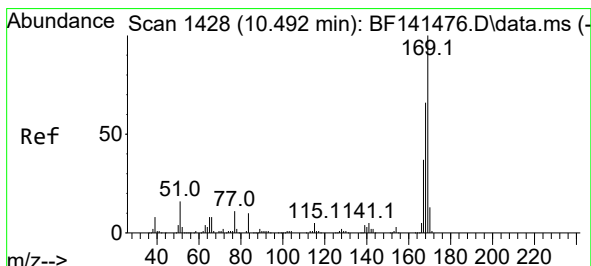
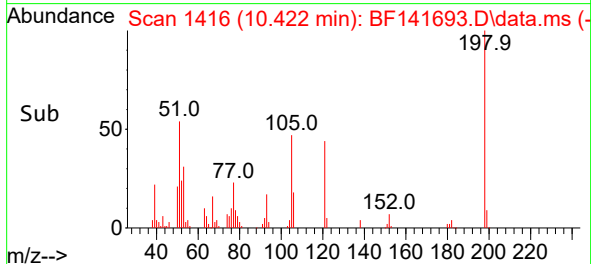
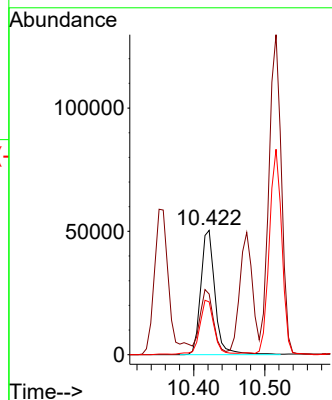
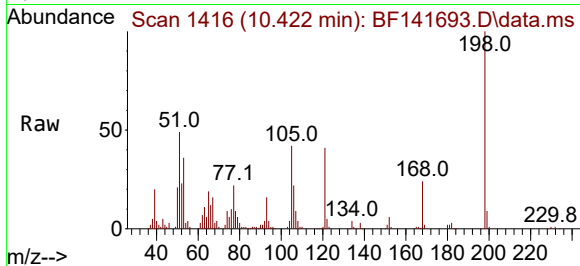




#65  
4,6-Dinitro-2-methylphenol  
Concen: 35.577 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

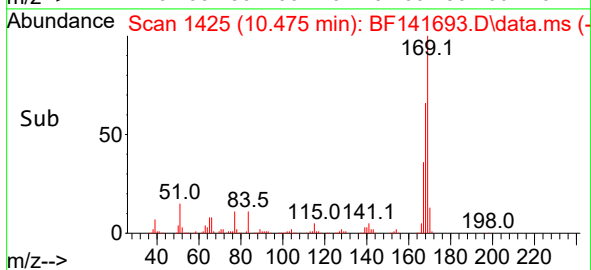
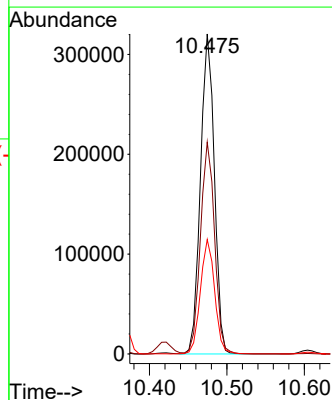
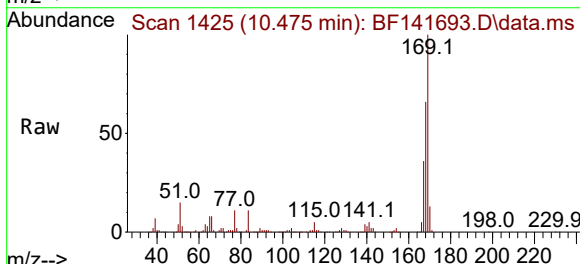
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

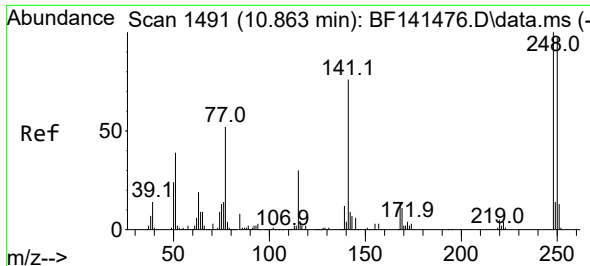
Tgt Ion:198 Resp: 70281  
Ion Ratio Lower Upper  
198 100  
51 48.8 37.4 77.4  
105 42.4 25.2 65.2



#66  
n-Nitrosodiphenylamine  
Concen: 43.812 ng  
RT: 10.475 min Scan# 1425  
Delta R.T. -0.023 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:169 Resp: 398837  
Ion Ratio Lower Upper  
169 100  
168 66.2 53.3 79.9  
167 35.8 29.4 44.2

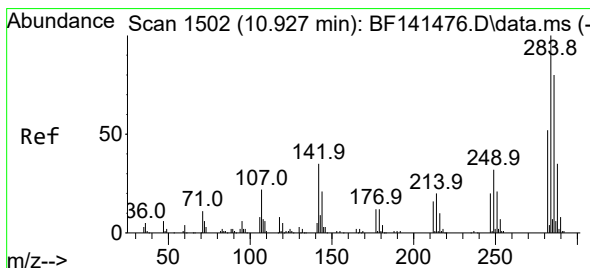
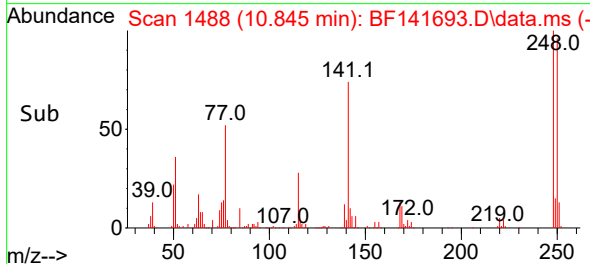
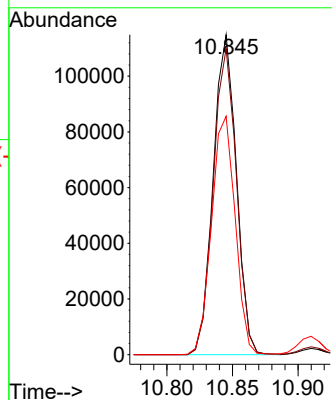
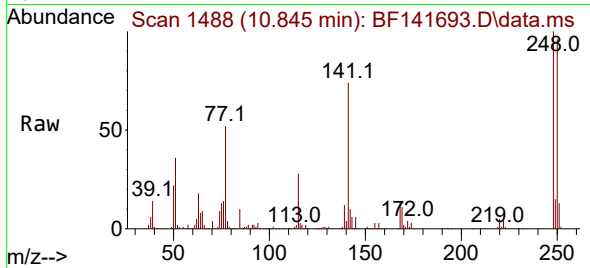




#67  
4-Bromophenyl-phenylether  
Concen: 44.410 ng  
RT: 10.845 min Scan# 1411  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

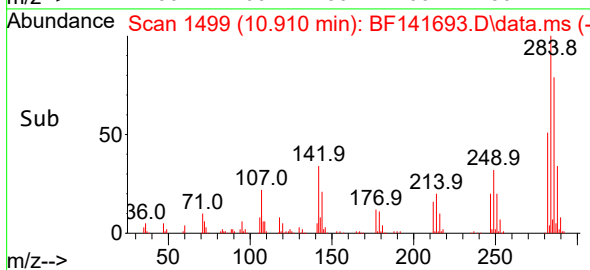
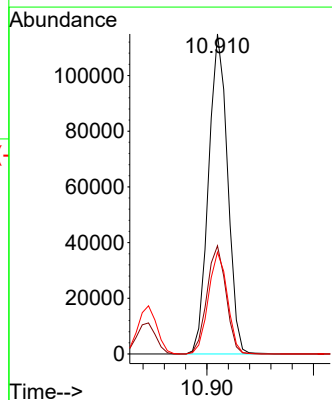
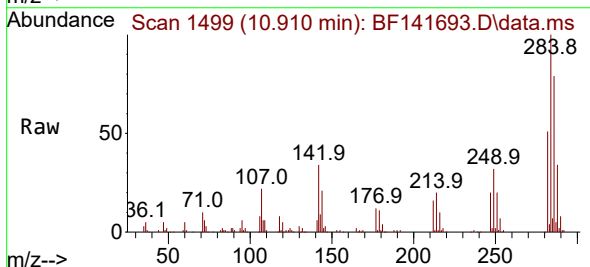
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

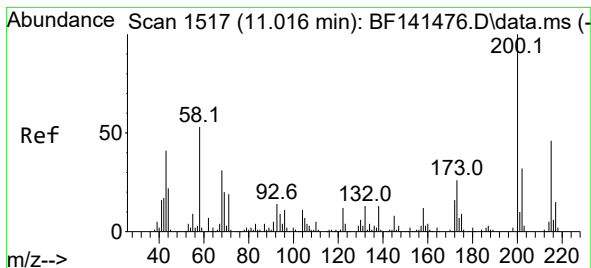
Tgt Ion:248 Resp: 141150  
Ion Ratio Lower Upper  
248 100  
250 95.6 77.8 116.6  
141 74.5 60.6 90.8



#68  
Hexachlorobenzene  
Concen: 43.534 ng  
RT: 10.910 min Scan# 1499  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:284 Resp: 142480  
Ion Ratio Lower Upper  
284 100  
142 33.8 28.0 42.0  
249 31.8 25.8 38.8





#69

Atrazine

Concen: 38.322 ng

RT: 11.004 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

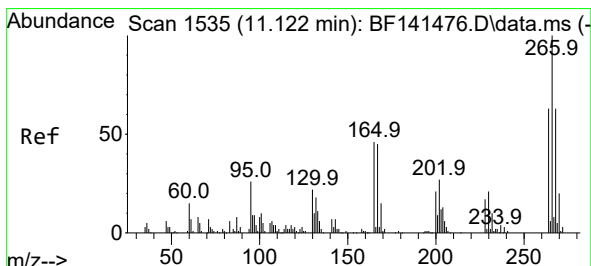
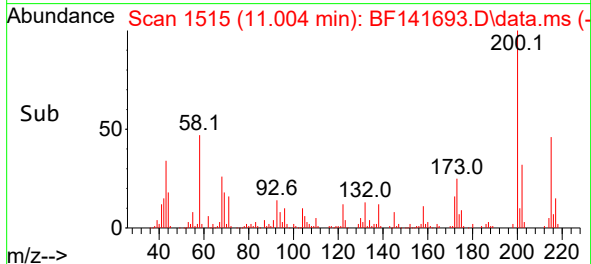
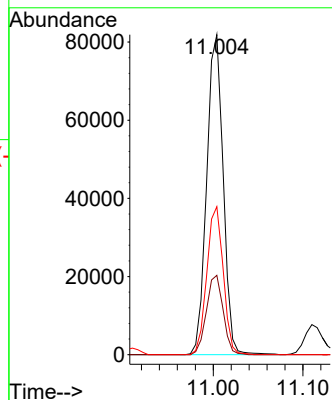
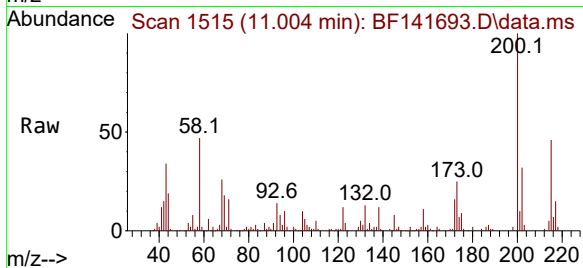
Tgt Ion:200 Resp: 104658

Ion Ratio Lower Upper

200 100

173 24.8 5.9 45.9

215 46.2 25.9 65.9



#70

Pentachlorophenol

Concen: 30.952 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

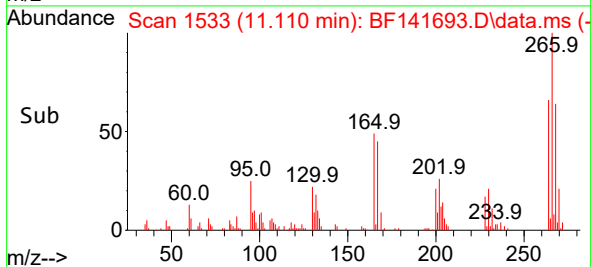
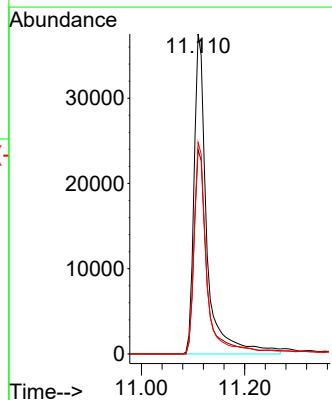
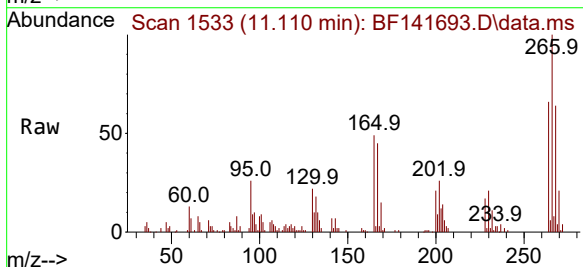
Tgt Ion:266 Resp: 64773

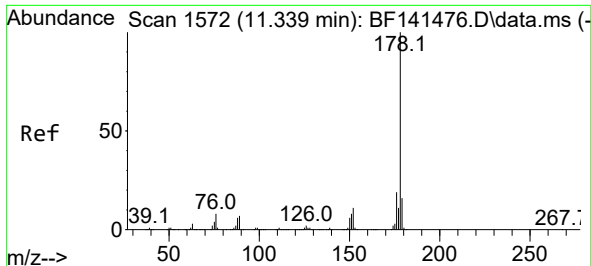
Ion Ratio Lower Upper

266 100

268 63.9 50.1 75.1

264 66.1 50.1 75.1

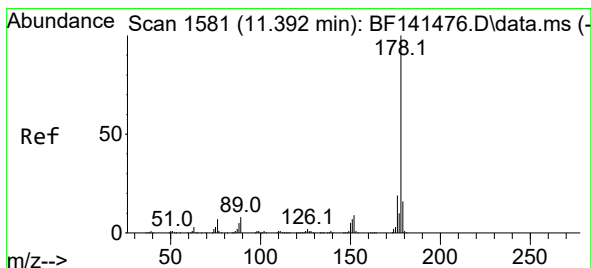
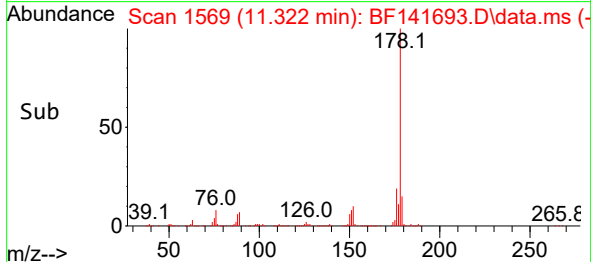
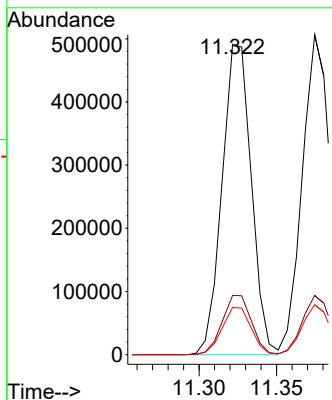
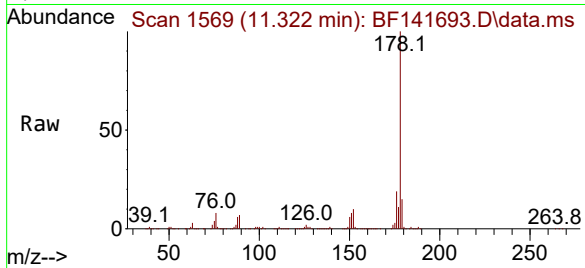




#71  
Phenanthrene  
Concen: 41.219 ng  
RT: 11.322 min Scan# 1569  
Delta R.T. -0.023 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

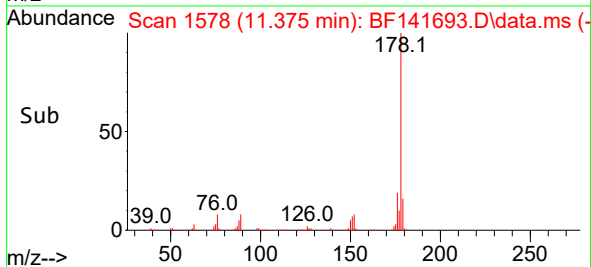
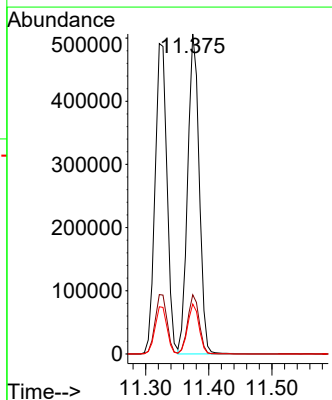
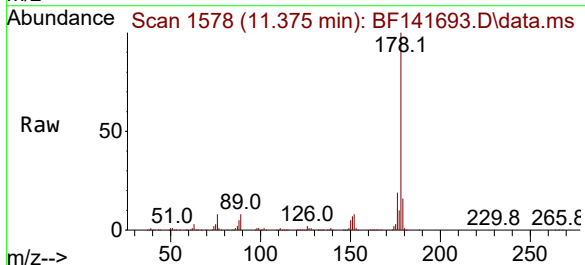
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

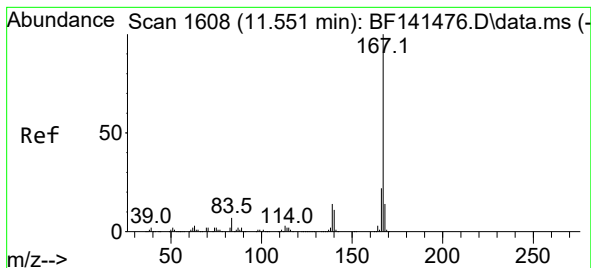
Tgt Ion:178 Resp: 645237  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.0  
179 15.2 12.4 18.6



#72  
Anthracene  
Concen: 40.893 ng  
RT: 11.375 min Scan# 1578  
Delta R.T. -0.023 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:178 Resp: 643493  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.8 22.2  
179 15.6 12.4 18.6





#73

Carbazole

Concen: 38.799 ng

RT: 11.533 min Scan# 1605

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

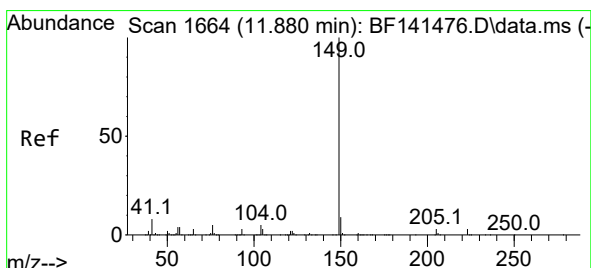
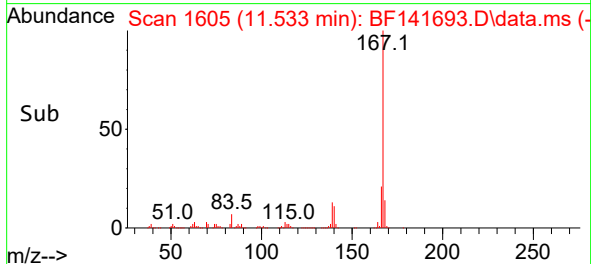
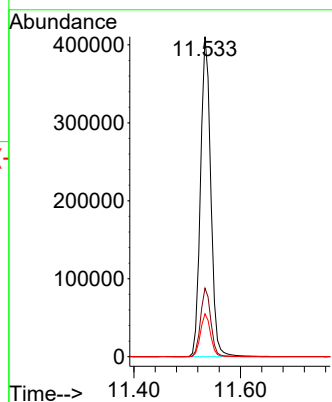
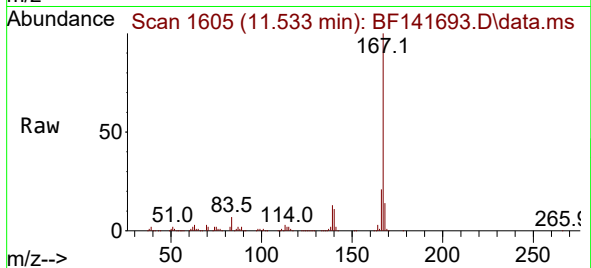
Tgt Ion:167 Resp: 549351

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 13.4 10.9 16.3



#74

Di-n-butylphthalate

Concen: 41.961 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

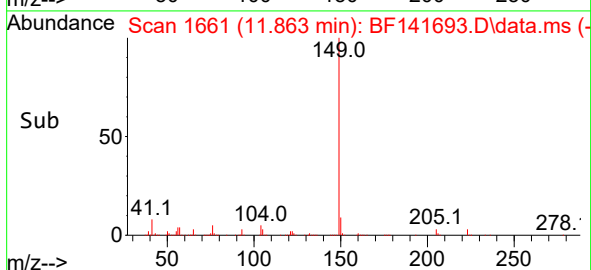
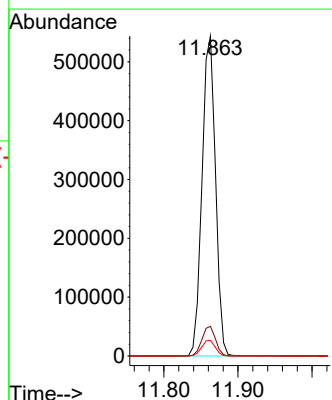
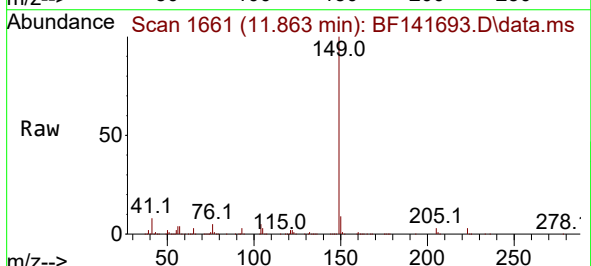
Tgt Ion:149 Resp: 686027

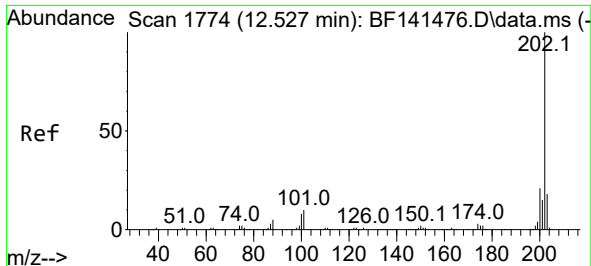
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.9 4.2 6.2

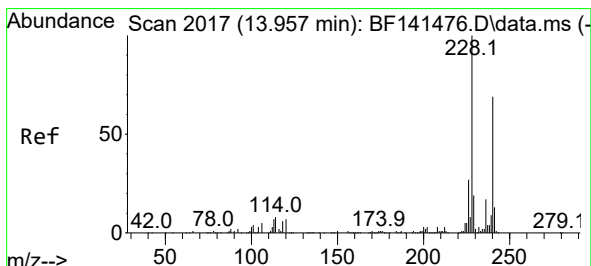
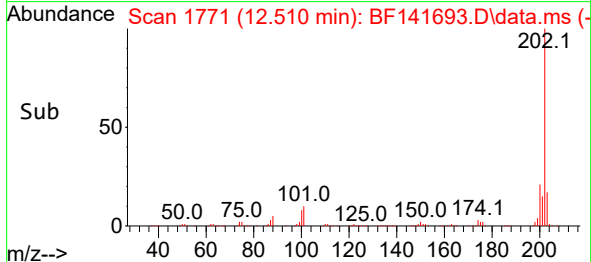
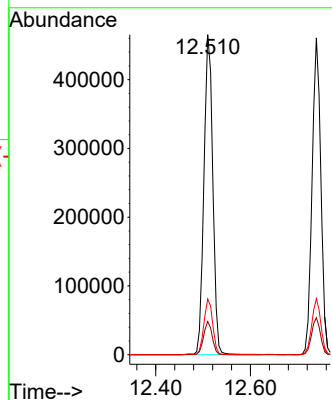
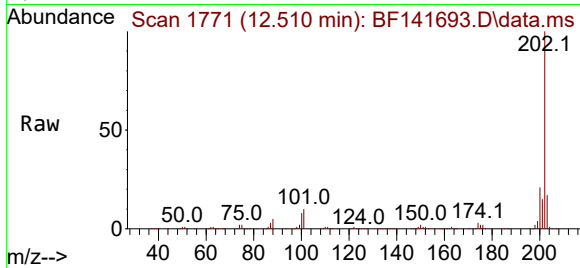




#75  
Fluoranthene  
Concen: 36.275 ng  
RT: 12.510 min Scan# 1  
Delta R.T. -0.023 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

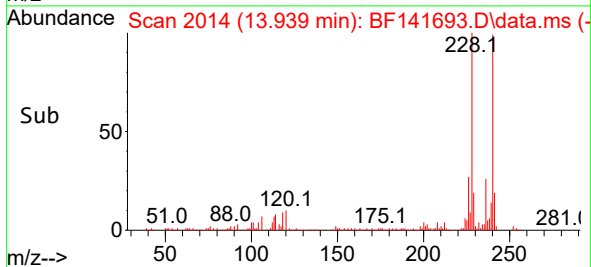
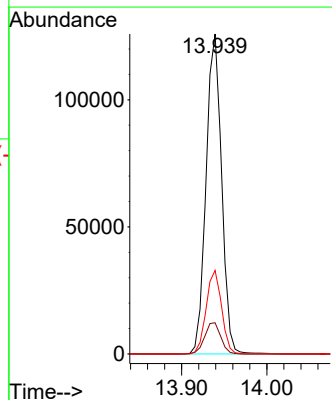
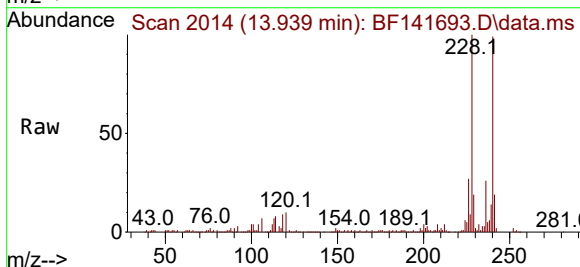
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

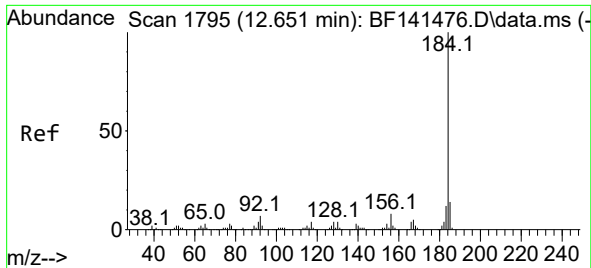
Tgt Ion:202 Resp: 602029  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 30.2  
203 17.4 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.939 min Scan# 2014  
Delta R.T. -0.023 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:240 Resp: 159233  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.0 12.0  
236 26.1 19.8 29.8

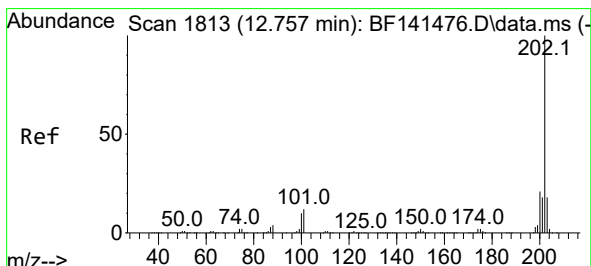
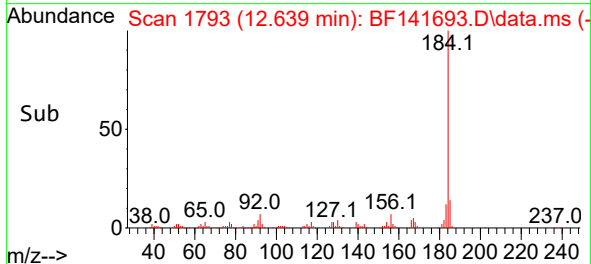
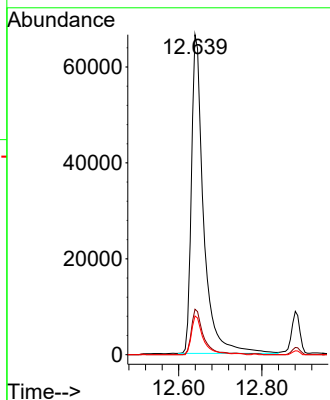
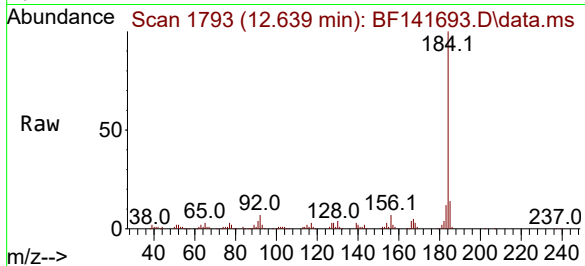




#77  
Benzidine  
Concen: 38.498 ng  
RT: 12.639 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

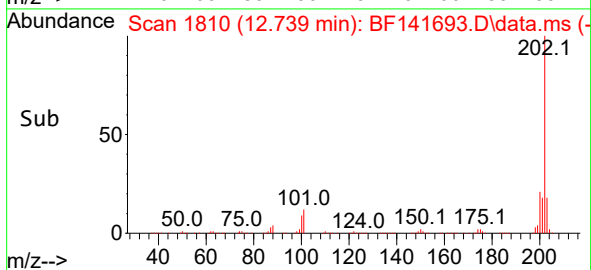
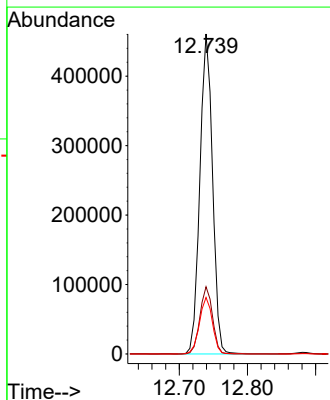
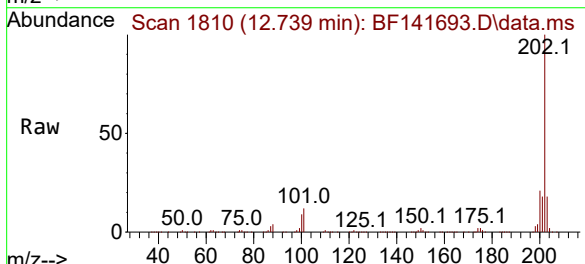
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

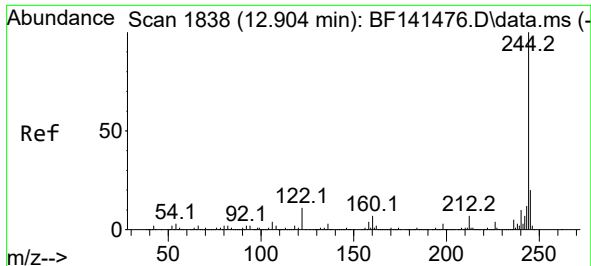
Tgt Ion:184 Resp: 135198  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.3 16.9  
183 12.1 9.3 13.9



#78  
Pyrene  
Concen: 43.915 ng  
RT: 12.739 min Scan# 1810  
Delta R.T. -0.023 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

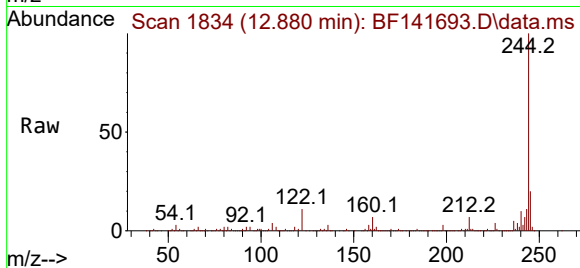
Tgt Ion:202 Resp: 595275  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.0 25.4  
203 17.7 14.3 21.5



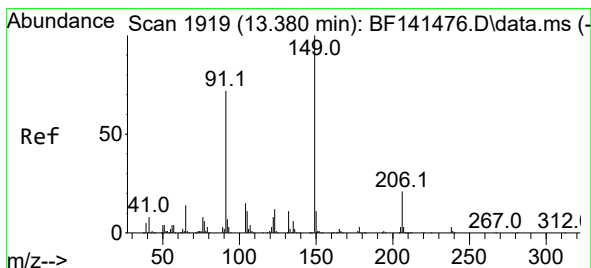
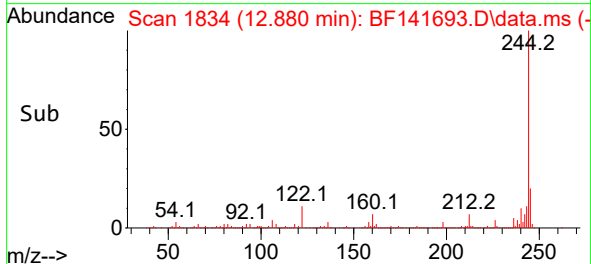
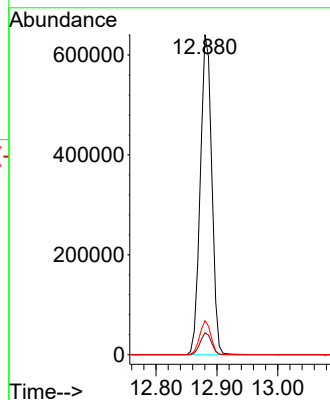


#79  
 Terphenyl-d14  
 Concen: 89.083 ng  
 RT: 12.880 min Scan# 11  
 Delta R.T. -0.023 min  
 Lab File: BF141693.D  
 Acq: 20 Feb 2025 00:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

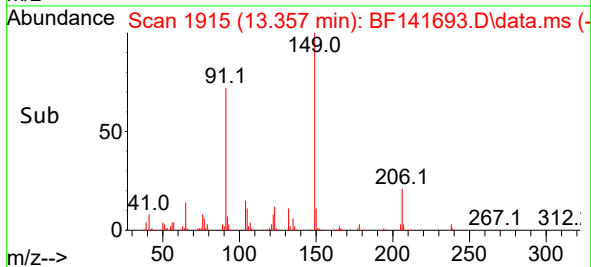
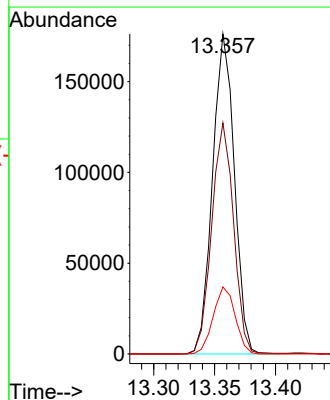
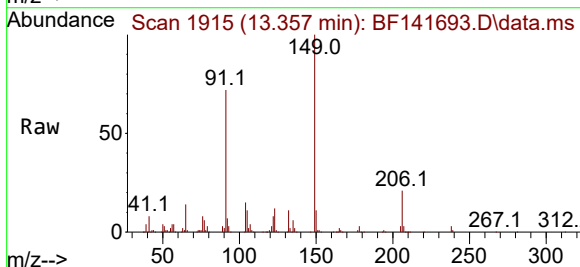


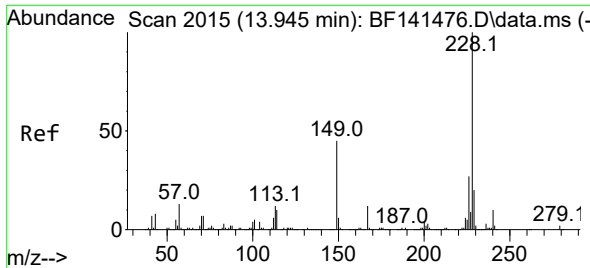
Tgt Ion:244 Resp: 840257  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.6 8.4  
 122 10.6 8.4 12.6



#80  
 Butylbenzylphthalate  
 Concen: 46.775 ng  
 RT: 13.357 min Scan# 1915  
 Delta R.T. -0.023 min  
 Lab File: BF141693.D  
 Acq: 20 Feb 2025 00:05

Tgt Ion:149 Resp: 219614  
 Ion Ratio Lower Upper  
 149 100  
 91 72.2 57.8 86.8  
 206 21.0 16.7 25.1

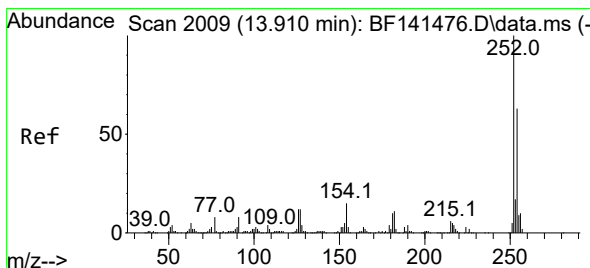
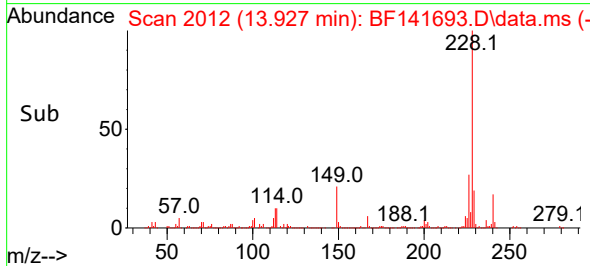
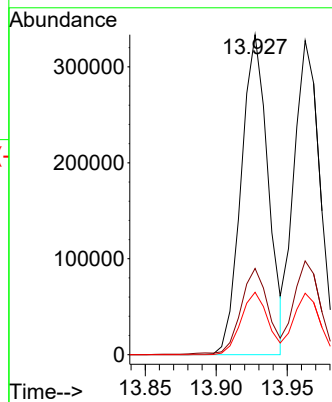
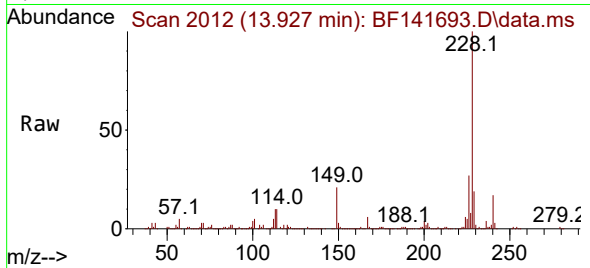




#81  
Benzo(a)anthracene  
Concen: 41.686 ng  
RT: 13.927 min Scan# 2006  
Delta R.T. -0.023 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

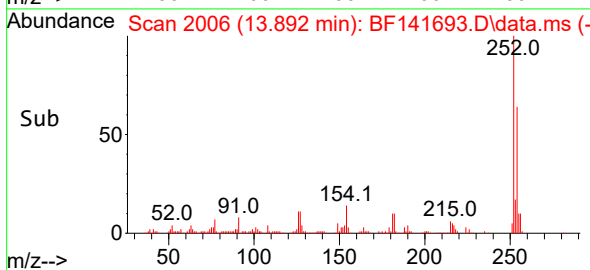
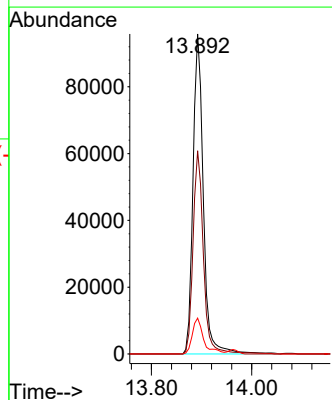
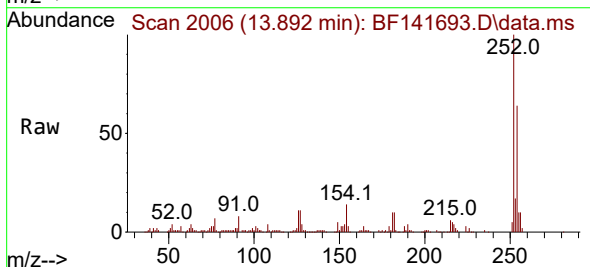
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

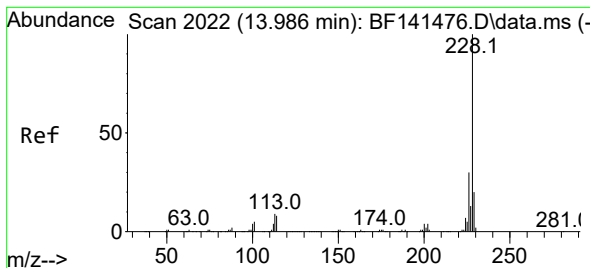
Tgt Ion:228 Resp: 441236  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.8 32.8  
229 19.5 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 45.215 ng  
RT: 13.892 min Scan# 2006  
Delta R.T. -0.023 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:252 Resp: 137095  
Ion Ratio Lower Upper  
252 100  
254 63.5 50.6 76.0  
126 11.2 9.3 13.9





#83

Chrysene

Concen: 42.478 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.029 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

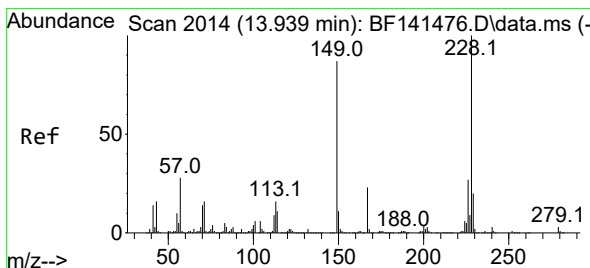
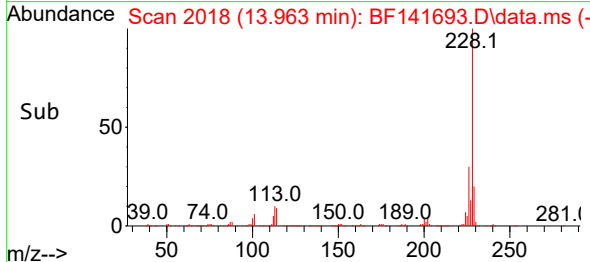
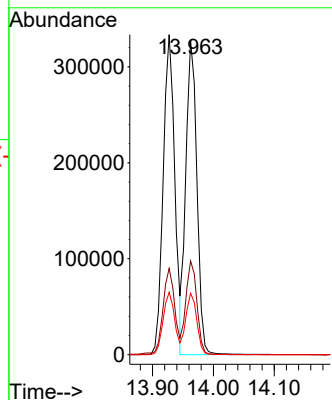
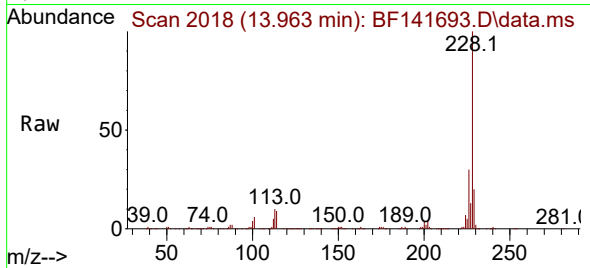
Tgt Ion:228 Resp: 415159

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.076 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

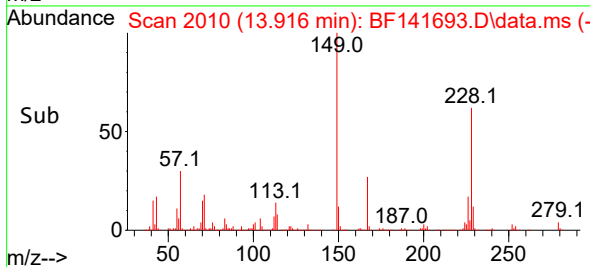
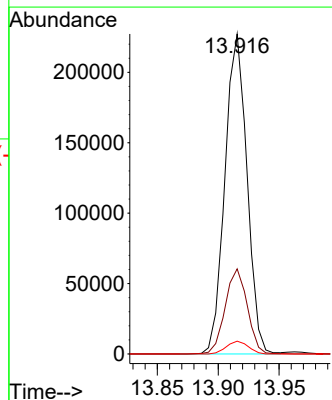
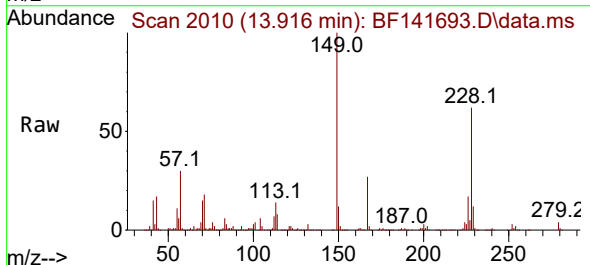
Tgt Ion:149 Resp: 286347

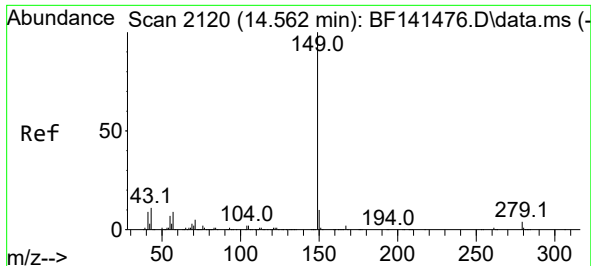
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.0 3.1 4.7

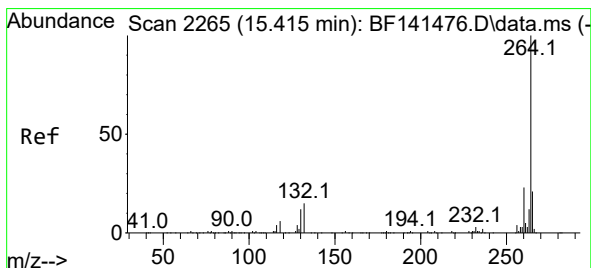
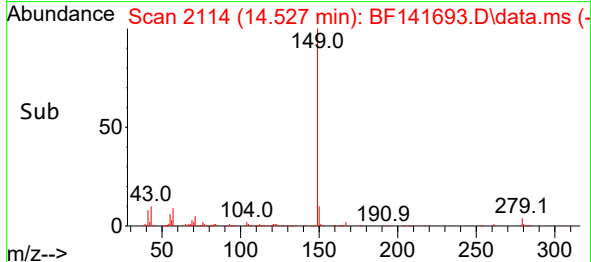
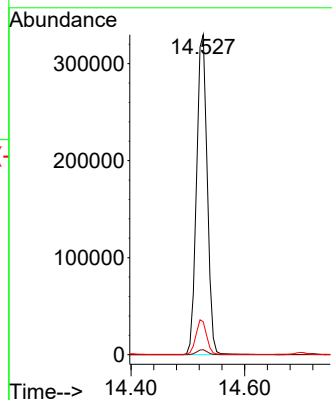
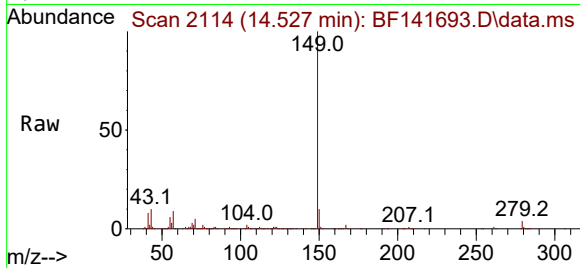




#85  
Di-n-octyl phthalate  
Concen: 57.257 ng  
RT: 14.527 min Scan# 21  
Delta R.T. -0.035 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

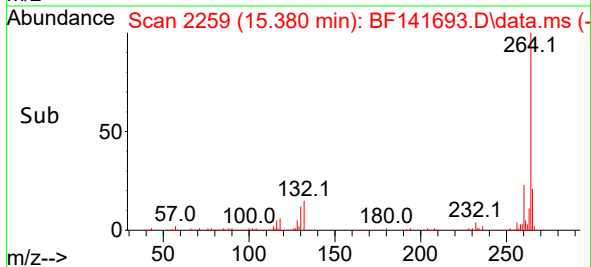
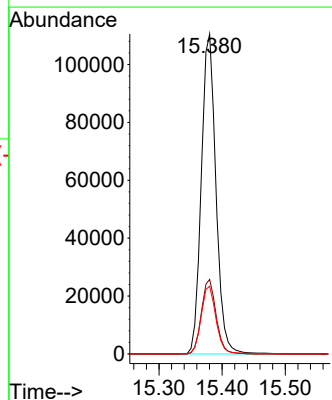
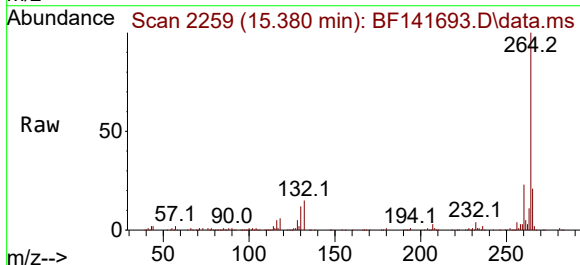
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

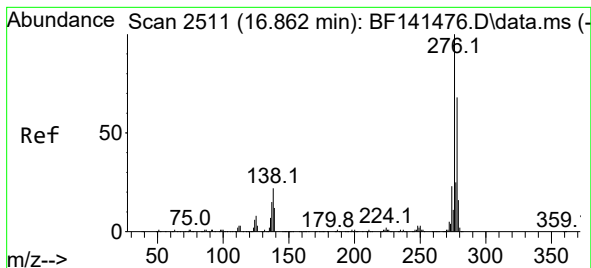
Tgt Ion:149 Resp: 432533  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.8 9.5 14.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.380 min Scan# 2259  
Delta R.T. -0.035 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:264 Resp: 177430  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.6 28.0  
265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.902 ng

RT: 16.815 min Scan# 2188

Delta R.T. -0.059 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

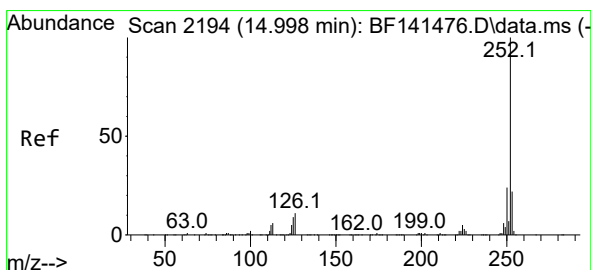
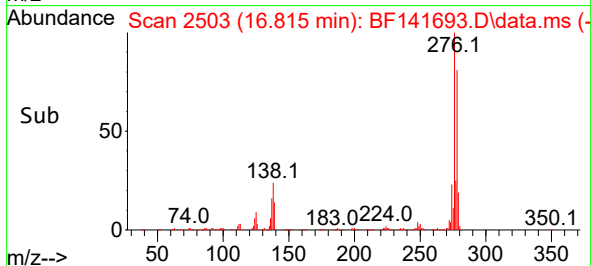
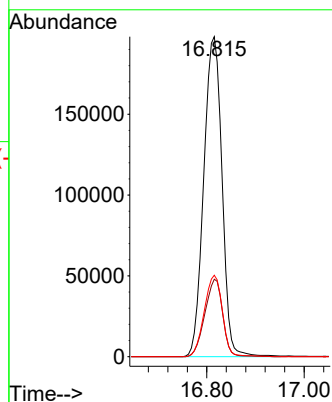
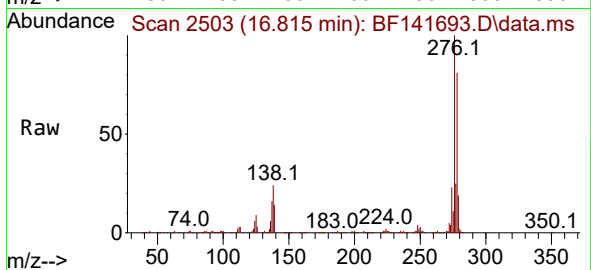
Tgt Ion:276 Resp: 514199

Ion Ratio Lower Upper

276 100

138 23.6 18.0 27.0

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 36.203 ng

RT: 14.963 min Scan# 2188

Delta R.T. -0.041 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

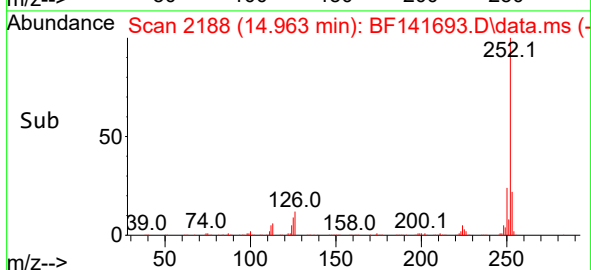
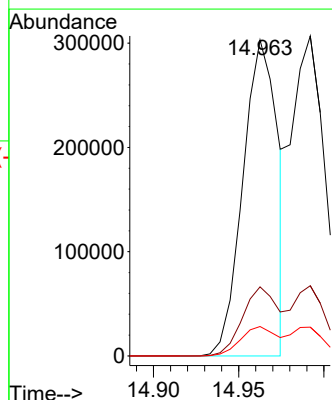
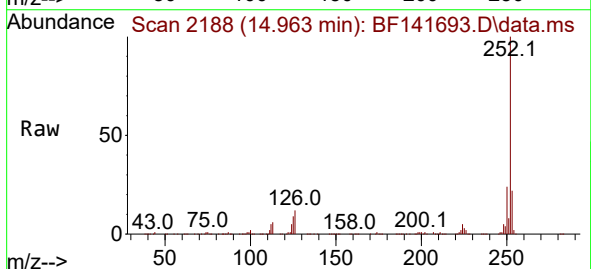
Tgt Ion:252 Resp: 431312

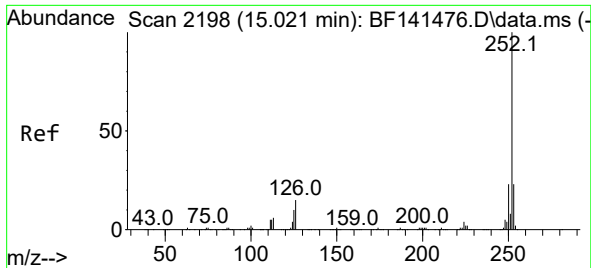
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.3 7.0 10.6

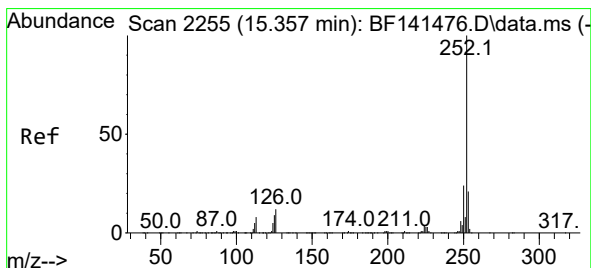
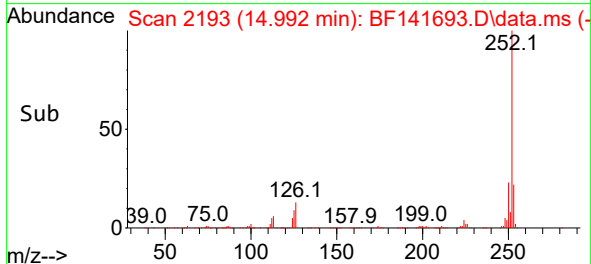
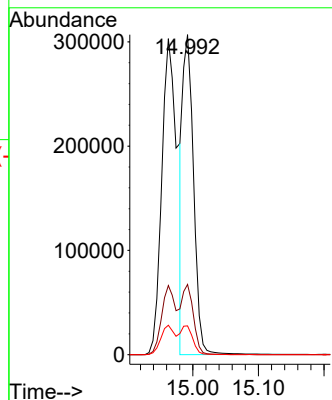
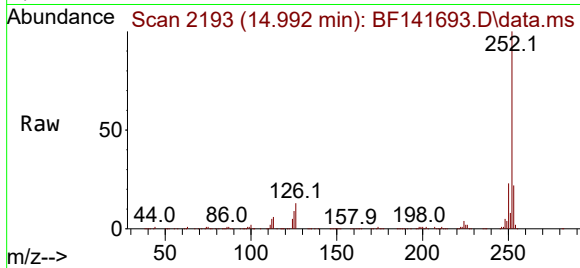




#89  
Benzo(k)fluoranthene  
Concen: 34.552 ng  
RT: 14.992 min Scan# 2198  
Delta R.T. -0.041 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

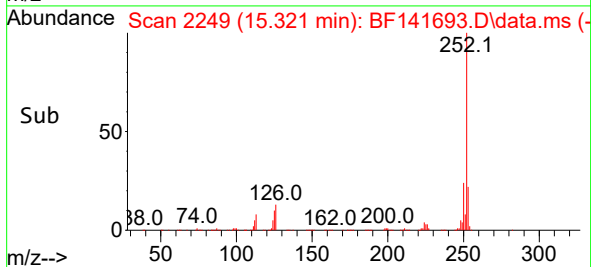
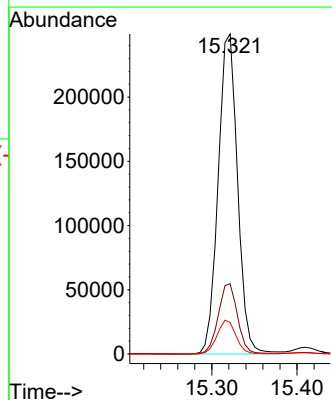
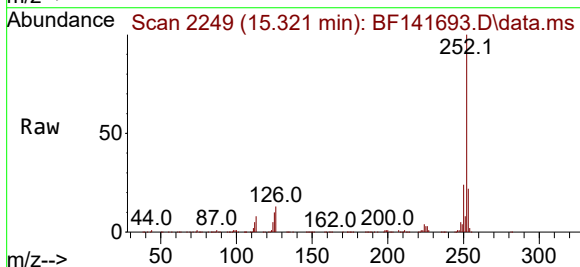
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

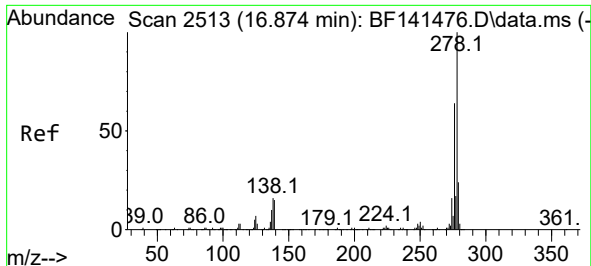
Tgt Ion:252 Resp: 351504  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.0 27.0  
125 9.0 7.4 11.0



#90  
Benzo(a)pyrene  
Concen: 40.915 ng  
RT: 15.321 min Scan# 2249  
Delta R.T. -0.041 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:252 Resp: 394420  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.1 25.7  
125 9.8 7.4 11.2

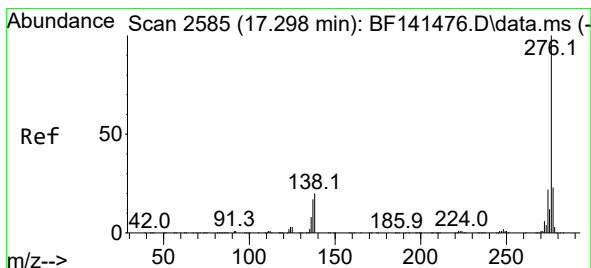
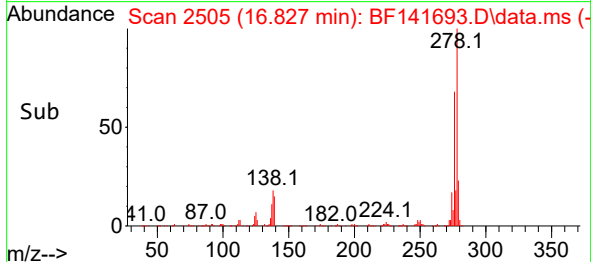
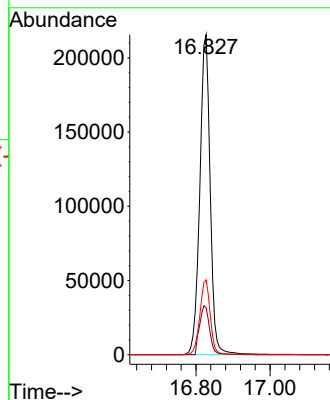
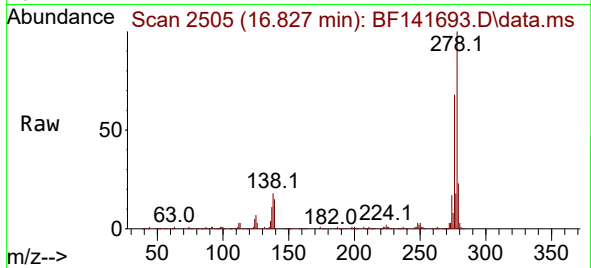




#91  
Dibenzo(a,h)anthracene  
Concen: 47.231 ng  
RT: 16.827 min Scan# 21  
Delta R.T. -0.065 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:278 Resp: 419567  
Ion Ratio Lower Upper  
278 100  
139 14.8 11.8 17.6  
279 23.4 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 46.156 ng  
RT: 17.245 min Scan# 2576  
Delta R.T. -0.070 min  
Lab File: BF141693.D  
Acq: 20 Feb 2025 00:05

Tgt Ion:276 Resp: 429072  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.6 28.0  
138 19.5 15.9 23.9

