

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030625\  
 Data File : BF141863.D  
 Acq On : 06 Mar 2025 12:21  
 Operator : RC/JU  
 Sample : PB166982BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166982BSD

Quant Time: Mar 06 13:20:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|--------|------|----------|-------|-------|----------|
| -----                     |        |      |          |       |       |          |
| Internal Standards        |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 6.887  | 152  | 218542   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.169  | 136  | 850562   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.922  | 164  | 458462   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.404 | 188  | 790298   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.045 | 240  | 569230   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.516 | 264  | 468514   | 20.00 | ng    | 0.00     |

|                             |        |     |         |        |    |      |
|-----------------------------|--------|-----|---------|--------|----|------|
| System Monitoring Compounds |        |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.516  | 112 | 1752700 | 128.08 | ng | 0.02 |
| 7) Phenol-d6                | 6.510  | 99  | 2176919 | 122.22 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.445  | 82  | 1444229 | 108.53 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330 | 749833  | 174.21 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.239  | 172 | 2687024 | 93.98  | ng | 0.00 |
| 79) Terphenyl-d14           | 12.992 | 244 | 3345532 | 95.09  | ng | 0.00 |

|                               |       |     |         |        |         |
|-------------------------------|-------|-----|---------|--------|---------|
| Target Compounds              |       |     |         |        | Qvalue  |
| 2) 1,4-Dioxane                | 2.799 | 88  | 245824  | 39.59  | ng 96   |
| 3) Pyridine                   | 3.552 | 79  | 597312  | 38.66  | ng 96   |
| 4) n-Nitrosodimethylamine     | 3.499 | 42  | 308594  | 41.51  | ng # 98 |
| 6) Aniline                    | 6.546 | 93  | 674037  | 36.40  | ng 100  |
| 8) 2-Chlorophenol             | 6.669 | 128 | 662613  | 44.76  | ng 95   |
| 9) Benzaldehyde               | 6.434 | 77  | 238789  | 23.05  | ng 100  |
| 10) Phenol                    | 6.522 | 94  | 792480  | 41.64  | ng 96   |
| 11) bis(2-Chloroethyl)ether   | 6.622 | 93  | 596528  | 41.12  | ng 97   |
| 12) 1,3-Dichlorobenzene       | 6.828 | 146 | 691448  | 43.62  | ng 99   |
| 13) 1,4-Dichlorobenzene       | 6.904 | 146 | 705397  | 44.16  | ng 99   |
| 14) 1,2-Dichlorobenzene       | 7.057 | 146 | 671122  | 44.99  | ng 99   |
| 15) Benzyl Alcohol            | 7.022 | 79  | 591716  | 41.57  | ng 99   |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157 | 45  | 773514  | 35.11  | ng 96   |
| 17) 2-Methylphenol            | 7.134 | 107 | 527893  | 43.20  | ng 99   |
| 18) Hexachloroethane          | 7.398 | 117 | 267400  | 44.73  | ng 98   |
| 19) n-Nitroso-di-n-propyla... | 7.298 | 70  | 450272  | 38.46  | ng 98   |
| 20) 3+4-Methylphenols         | 7.281 | 107 | 650789  | 42.77  | ng 94   |
| 22) Acetophenone              | 7.293 | 105 | 970026  | 46.83  | ng 99   |
| 24) Nitrobenzene              | 7.463 | 77  | 690687  | 48.47  | ng 100  |
| 25) Isophorone                | 7.704 | 82  | 1232538 | 43.11  | ng 98   |
| 26) 2-Nitrophenol             | 7.781 | 139 | 343487  | 53.40  | ng 97   |
| 27) 2,4-Dimethylphenol        | 7.810 | 122 | 566807  | 53.94  | ng 98   |
| 28) bis(2-Chloroethoxy)met... | 7.910 | 93  | 731505  | 40.11  | ng 100  |
| 29) 2,4-Dichlorophenol        | 8.016 | 162 | 540126  | 44.55  | ng 99   |
| 30) 1,2,4-Trichlorobenzene    | 8.104 | 180 | 590826  | 44.48  | ng 99   |
| 31) Naphthalene               | 8.187 | 128 | 1884687 | 43.11  | ng 99   |
| 32) Benzoic acid              | 7.934 | 122 | 460651  | 51.80  | ng 98   |
| 33) 4-Chloroaniline           | 8.234 | 127 | 321805  | 20.08  | ng 98   |
| 34) Hexachlorobutadiene       | 8.304 | 225 | 384615  | 46.59  | ng 98   |
| 35) Caprolactam               | 8.598 | 113 | 105350  | 28.25  | ng 91   |
| 36) 4-Chloro-3-methylphenol   | 8.710 | 107 | 591369  | 43.91  | ng 98   |
| 37) 2-Methylnaphthalene       | 8.881 | 142 | 1181958 | 41.22  | ng 99   |
| 38) 1-Methylnaphthalene       | 8.975 | 142 | 1150355 | 41.81  | ng 99   |
| 40) 1,2,4,5-Tetrachloroben... | 9.045 | 216 | 651413  | 49.20  | ng 99   |
| 41) Hexachlorocyclopentadiene | 9.034 | 237 | 859046  | 155.46 | ng 99   |
| 43) 2,4,6-Trichlorophenol     | 9.151 | 196 | 401927  | 46.99  | ng 99   |

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 Sample : PB166982BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

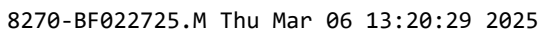
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166982BSD

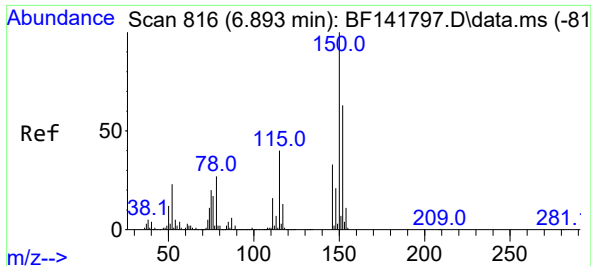
Quant Time: Mar 06 13:20:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 413188   | 48.79  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 1676041  | 48.03  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 1141918  | 44.34  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 364440   | 51.36  | ng    | 97       |
| 49) Acenaphthylene            | 9.781  | 152  | 1786900  | 46.27  | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 1369183  | 44.60  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 304076   | 51.55  | ng    | 92       |
| 52) Acenaphthene              | 9.957  | 154  | 1328050  | 50.97  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 211617   | 34.70  | ng    | # 93     |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 367510   | 117.42 | ng    | # 1      |
| 55) Dibenzofuran              | 10.128 | 168  | 1607693  | 42.39  | ng    | 100      |
| 56) 4-Nitrophenol             | 10.028 | 139  | 553259   | 122.01 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 417704   | 57.47  | ng    | 96       |
| 58) Fluorene                  | 10.469 | 166  | 1265412  | 44.54  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 358697   | 48.70  | ng    | 99       |
| 60) Diethylphthalate          | 10.345 | 149  | 1328398  | 43.16  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 629150   | 44.20  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 319616   | 60.96  | ng    | 98       |
| 63) Azobenzene                | 10.622 | 77   | 1289983  | 39.81  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 230269   | 59.53  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 1115654  | 42.99  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 400867   | 43.43  | ng    | 98       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 455692   | 46.75  | ng    | 98       |
| 69) Atrazine                  | 11.104 | 200  | 454566   | 63.70  | ng    | 99       |
| 70) Pentachlorophenol         | 11.210 | 266  | 601294   | 97.26  | ng    | 100      |
| 71) Phenanthrene              | 11.433 | 178  | 1923192  | 45.49  | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 1952460  | 46.08  | ng    | 100      |
| 73) Carbazole                 | 11.633 | 167  | 1736199  | 46.41  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 2025906  | 42.72  | ng    | 100      |
| 75) Fluoranthene              | 12.616 | 202  | 2053372  | 47.40  | ng    | 98       |
| 77) Benzidine                 | 12.739 | 184  | 799850   | 111.64 | ng    | 100      |
| 78) Pyrene                    | 12.845 | 202  | 2085318  | 42.31  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 818517   | 45.70  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 1676262  | 44.58  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 320647   | 29.72  | ng    | 99       |
| 83) Chrysene                  | 14.069 | 228  | 1549956  | 44.72  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.022 | 149  | 1045650  | 46.89  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 1528127  | 45.77  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.004 | 276  | 1350529  | 45.27  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 1402993  | 43.96  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.116 | 252  | 1224702  | 45.15  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 1215083  | 47.47  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.021 | 278  | 1095175  | 44.97  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.457 | 276  | 1042057  | 41.77  | ng    | 97       |

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

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QLast Update : Fri Feb 28 01:48:16 2025  
Response via : Initial Calibration

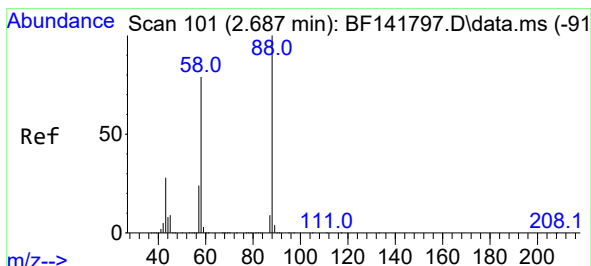
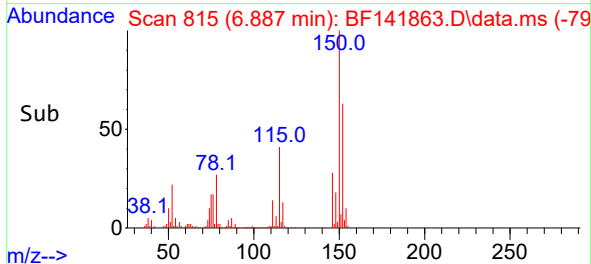
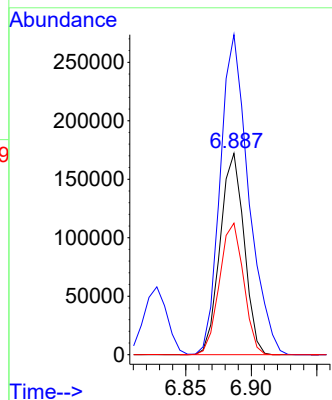
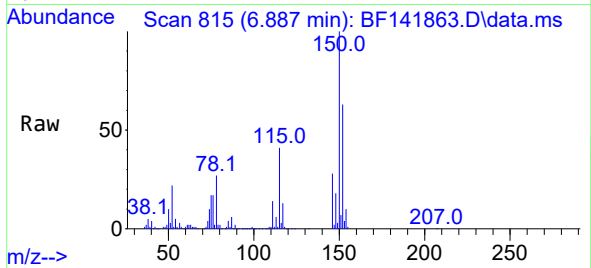




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.887 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

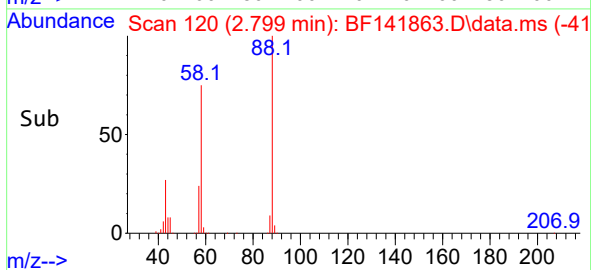
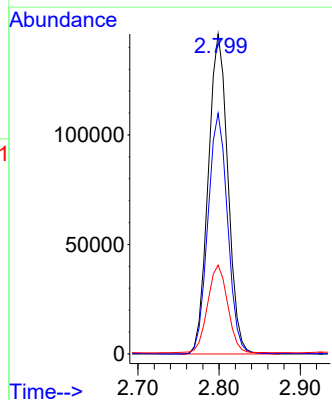
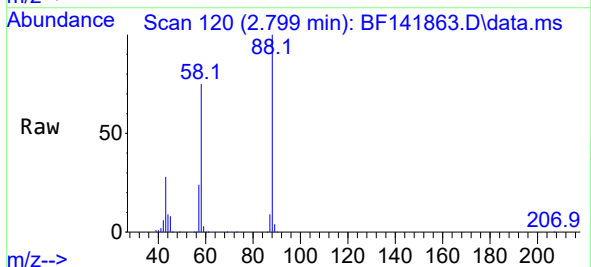
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

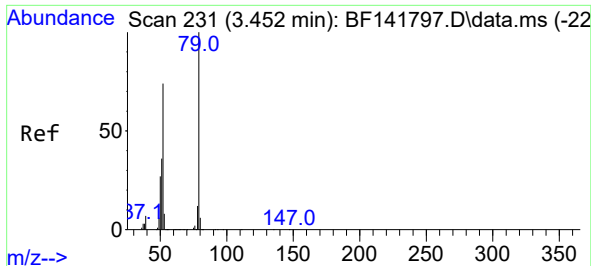
Tgt Ion:152 Resp: 218542  
Ion Ratio Lower Upper  
152 100  
150 159.0 127.5 191.3  
115 65.3 51.4 77.2



#2  
1,4-Dioxane  
Concen: 39.59 ng  
RT: 2.799 min Scan# 120  
Delta R.T. 0.112 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion: 88 Resp: 245824  
Ion Ratio Lower Upper  
88 100  
58 75.3 63.9 95.9  
43 28.0 23.0 34.6

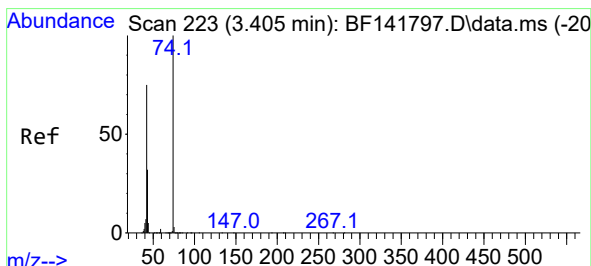
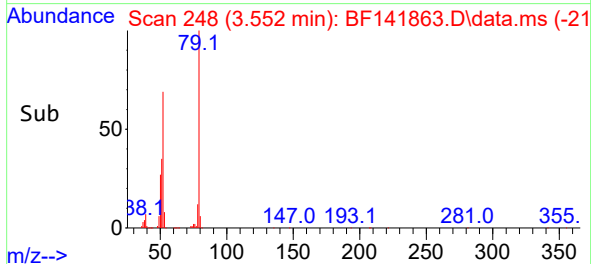
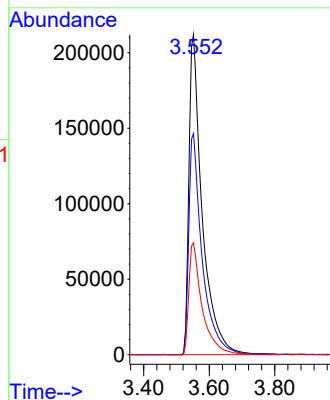
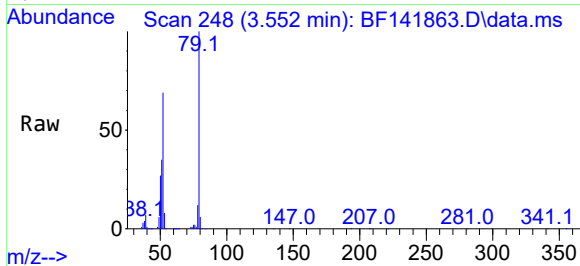




#3  
Pyridine  
Concen: 38.66 ng  
RT: 3.552 min Scan# 24  
Delta R.T. 0.100 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

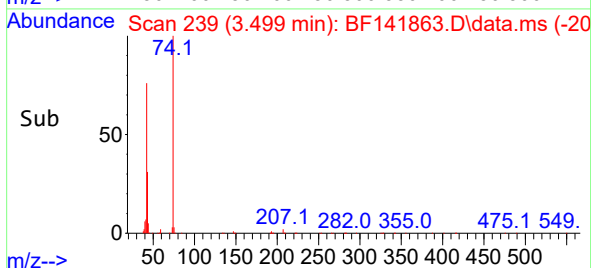
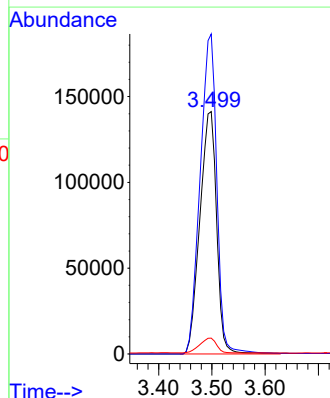
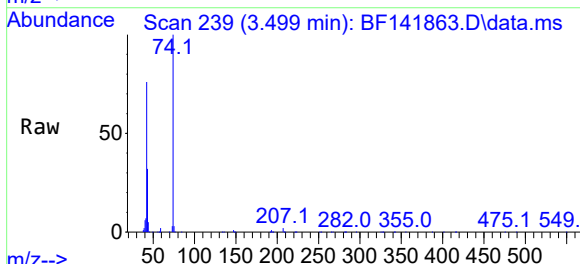
Instrument :  
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ClientSampleId :  
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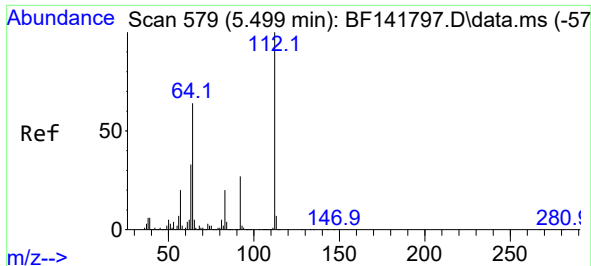
Tgt Ion: 79 Resp: 597312  
Ion Ratio Lower Upper  
79 100  
52 69.1 59.0 88.4  
51 35.0 29.0 43.4



#4  
n-Nitrosodimethylamine  
Concen: 41.51 ng  
RT: 3.499 min Scan# 239  
Delta R.T. 0.094 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion: 42 Resp: 308594  
Ion Ratio Lower Upper  
42 100  
74 132.0 107.1 160.7  
44 6.5 6.6 9.8

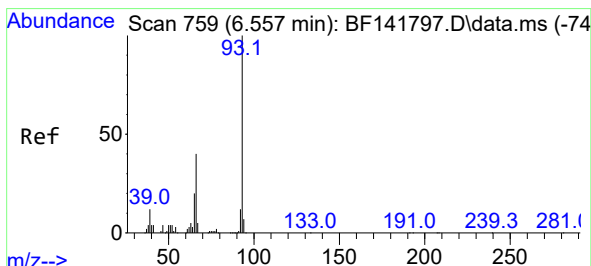
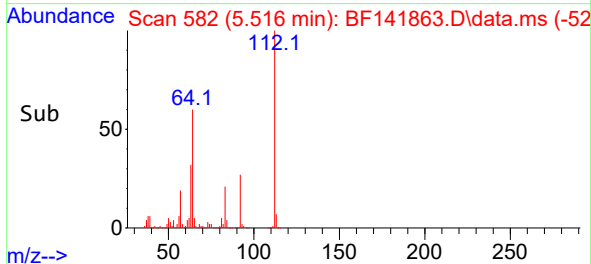
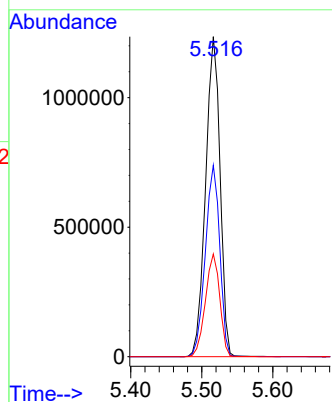
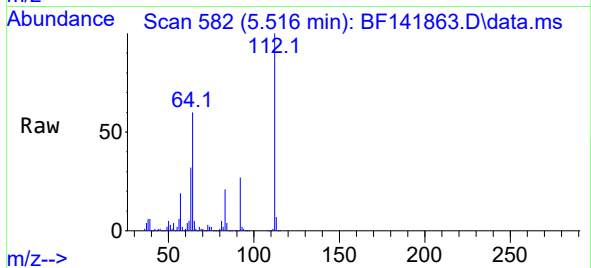




#5  
2-Fluorophenol  
Concen: 128.08 ng  
RT: 5.516 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

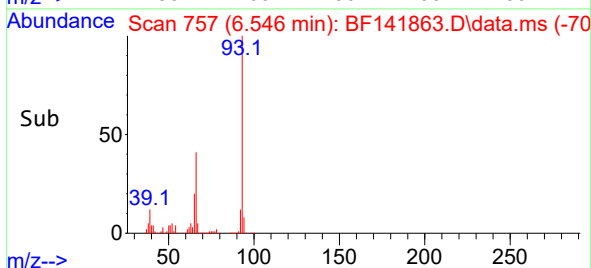
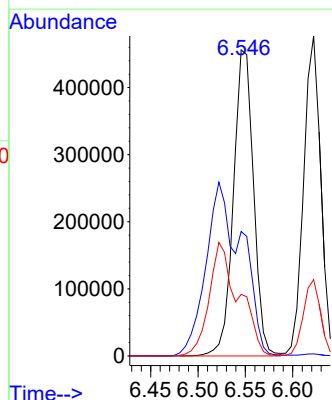
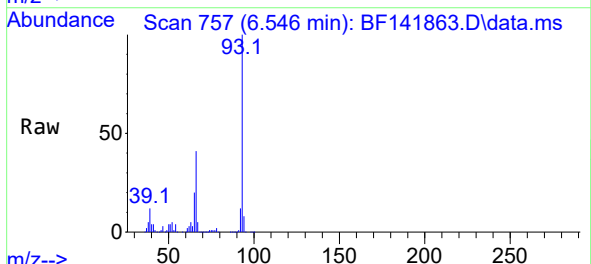
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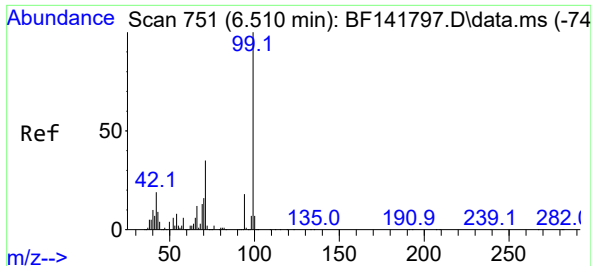
Tgt Ion:112 Resp: 1752700  
Ion Ratio Lower Upper  
112 100  
64 59.8 51.3 76.9  
63 32.1 26.2 39.4



#6  
Aniline  
Concen: 36.40 ng  
RT: 6.546 min Scan# 757  
Delta R.T. -0.012 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion: 93 Resp: 674037  
Ion Ratio Lower Upper  
93 100  
66 40.7 32.3 48.5  
65 20.2 15.9 23.9

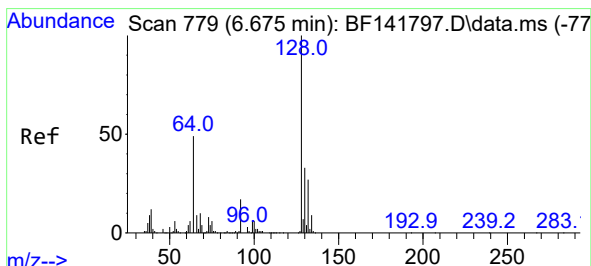
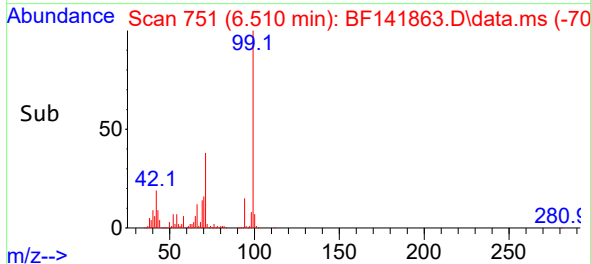
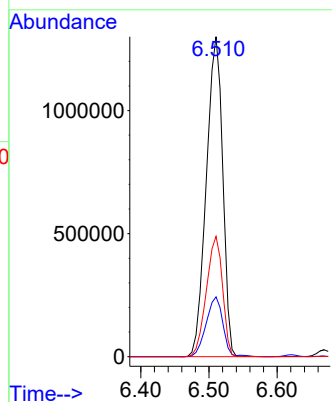
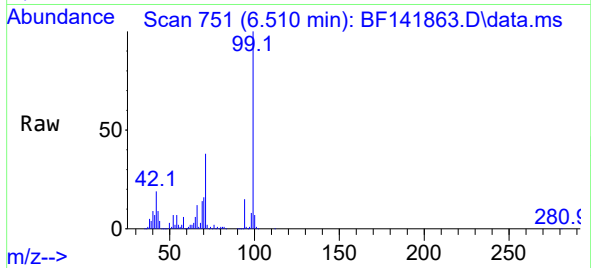




#7  
Phenol-d6  
Concen: 122.22 ng  
RT: 6.510 min Scan# 751  
Delta R.T. -0.000 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

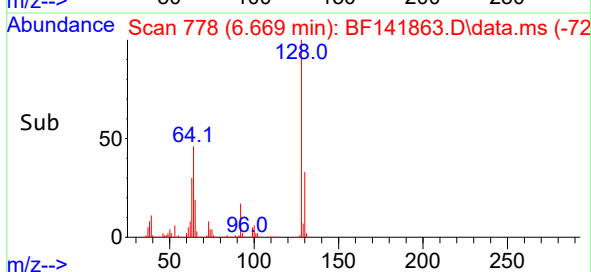
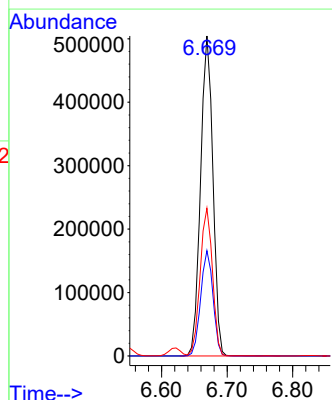
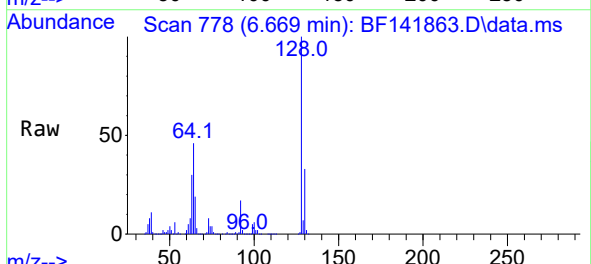
Instrument :  
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ClientSampleId :  
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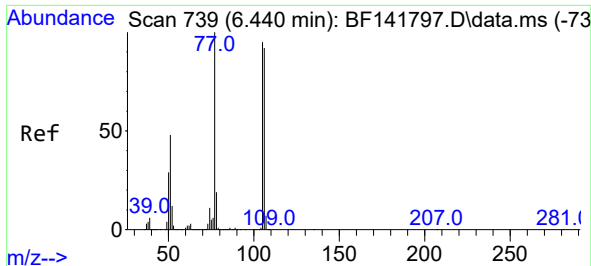
Tgt Ion: 99 Resp: 2176919  
Ion Ratio Lower Upper  
99 100  
42 18.7 15.2 22.8  
71 37.6 28.2 42.2



#8  
2-Chlorophenol  
Concen: 44.76 ng  
RT: 6.669 min Scan# 778  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:128 Resp: 662613  
Ion Ratio Lower Upper  
128 100  
130 32.9 12.6 52.6  
64 46.2 31.1 71.1

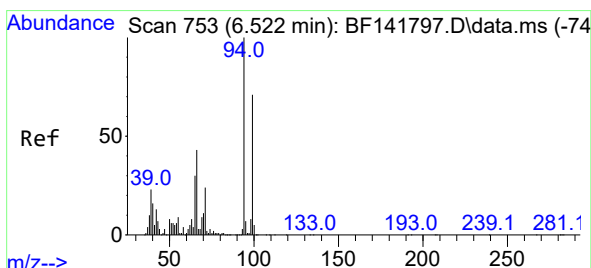
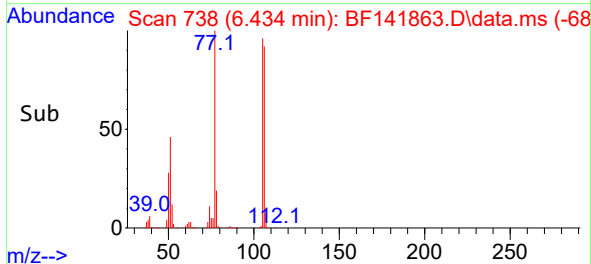
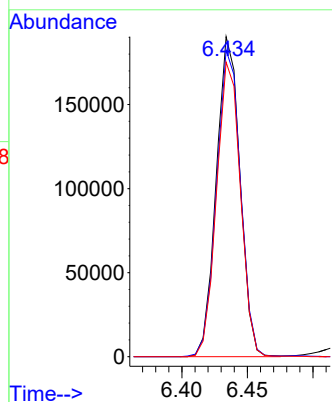
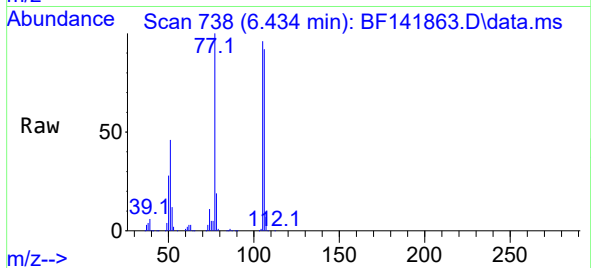




#9  
Benzaldehyde  
Concen: 23.05 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

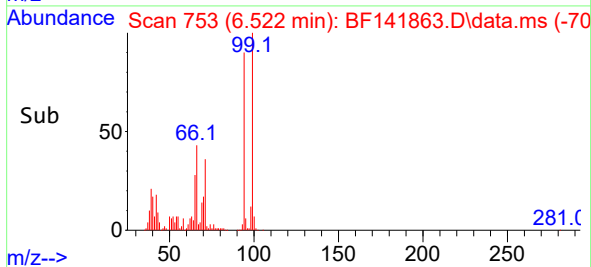
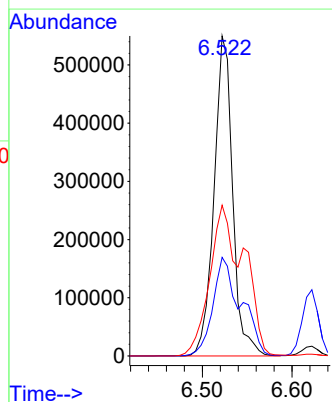
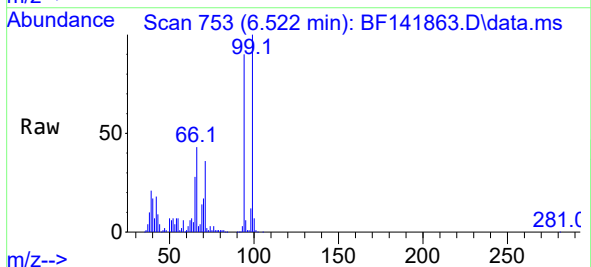
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

Tgt Ion: 77 Resp: 238789  
Ion Ratio Lower Upper  
77 100  
105 95.8 75.3 115.3  
106 92.1 72.3 112.3

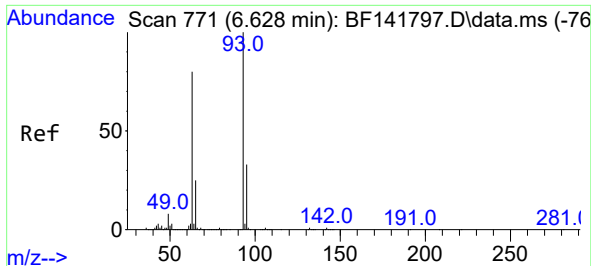


#10  
Phenol  
Concen: 41.64 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion: 94 Resp: 792480  
Ion Ratio Lower Upper  
94 100  
65 30.8 10.2 50.2  
66 47.1 23.2 63.2







#11

bis(2-Chloroethyl)ether

Concen: 41.12 ng

RT: 6.622 min Scan# 71

Delta R.T. -0.006 min  
Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Instrument :

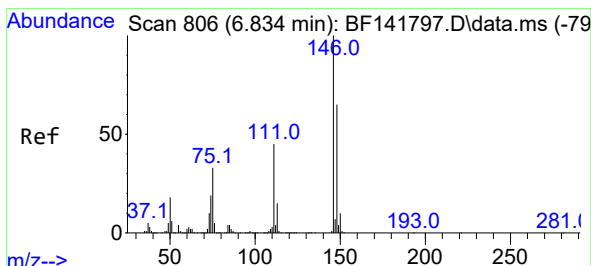
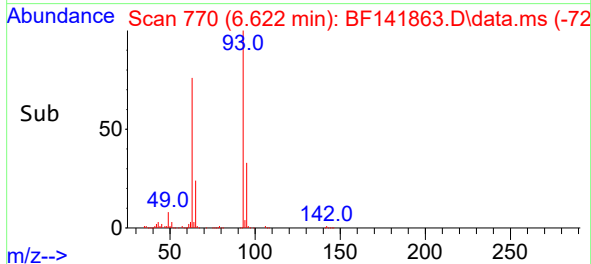
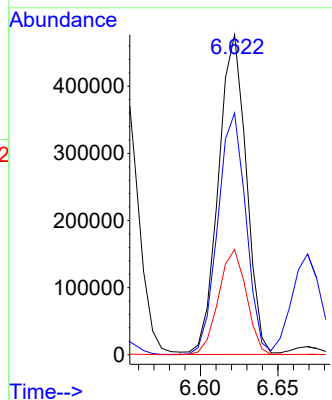
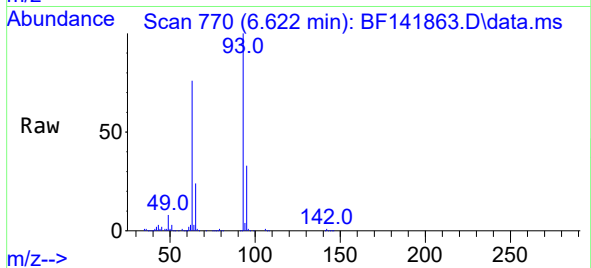
BNA\_F

ClientSampleId :

PB166982BSD

Tgt Ion: 93 Resp: 596528

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 75.5  | 59.3  | 99.3  |
| 95  | 32.9  | 13.2  | 53.2  |



#12

1,3-Dichlorobenzene

Concen: 43.62 ng

RT: 6.828 min Scan# 805

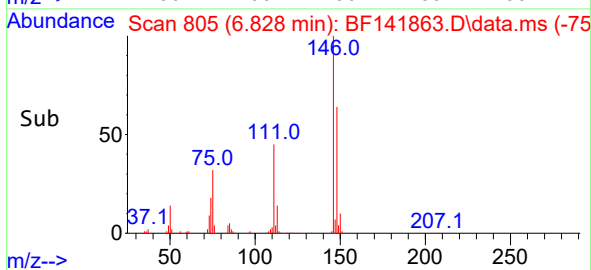
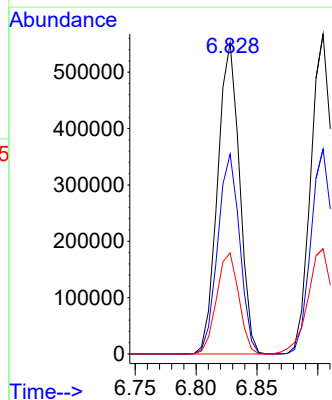
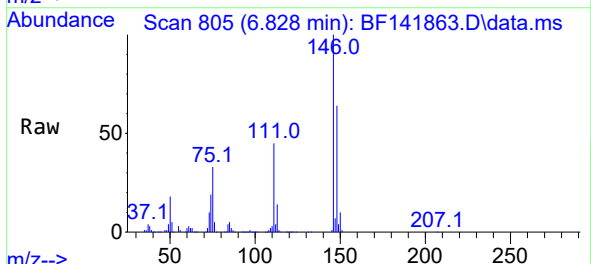
Delta R.T. -0.006 min

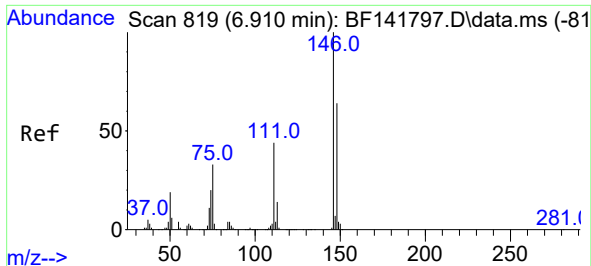
Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Tgt Ion:146 Resp: 691448

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.2  | 51.8  | 77.6  |
| 75  | 32.5  | 26.2  | 39.4  |

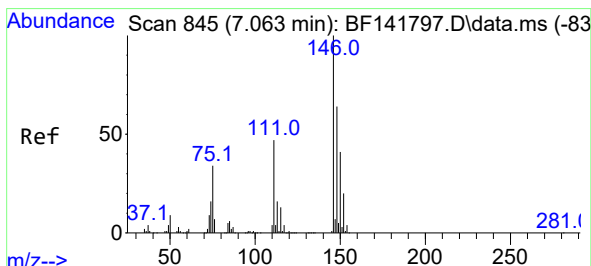
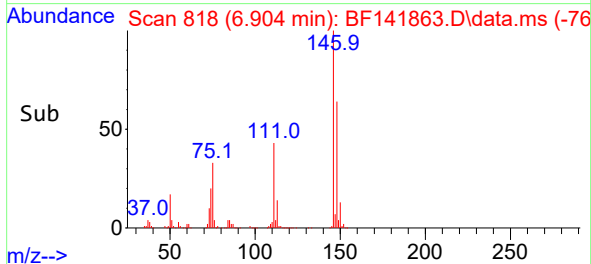
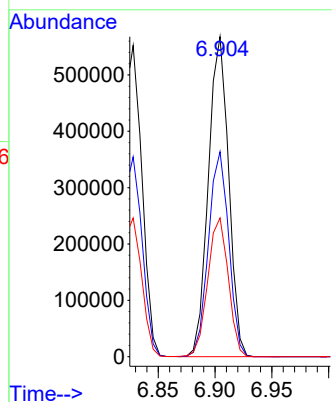
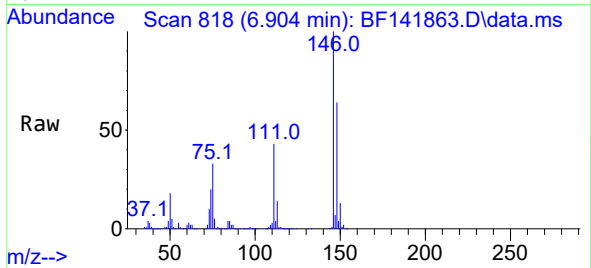




#13  
1,4-Dichlorobenzene  
Concen: 44.16 ng  
RT: 6.904 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

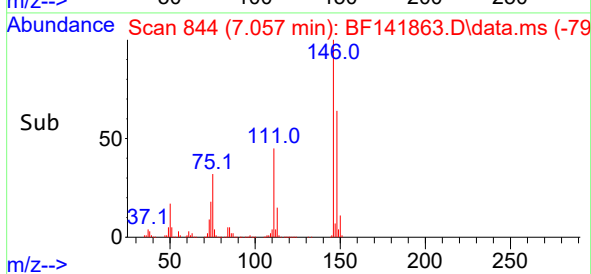
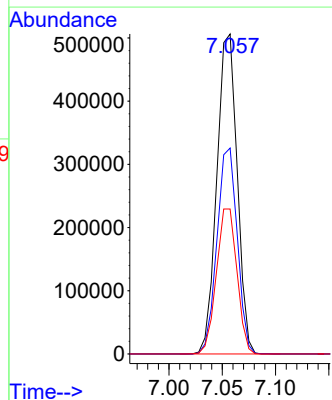
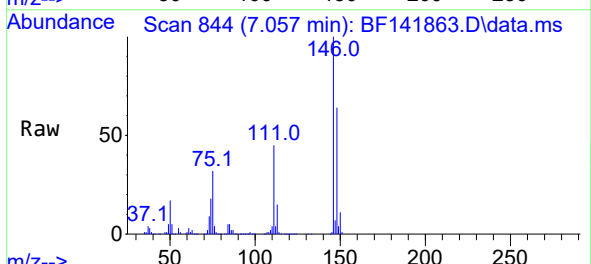
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

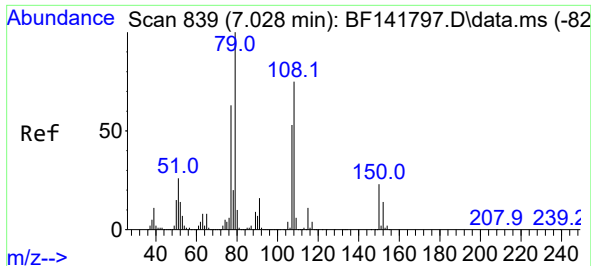
Tgt Ion:146 Resp: 705397  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.4 77.2  
111 43.4 35.5 53.3



#14  
1,2-Dichlorobenzene  
Concen: 44.99 ng  
RT: 7.057 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:146 Resp: 671122  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.2 76.8  
111 45.3 37.8 56.6

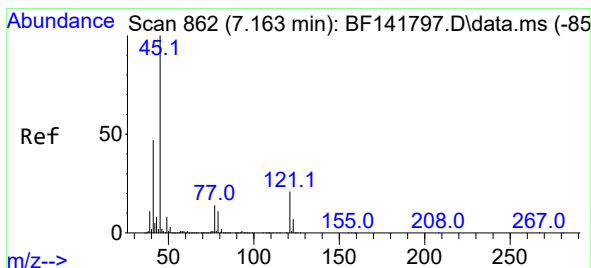
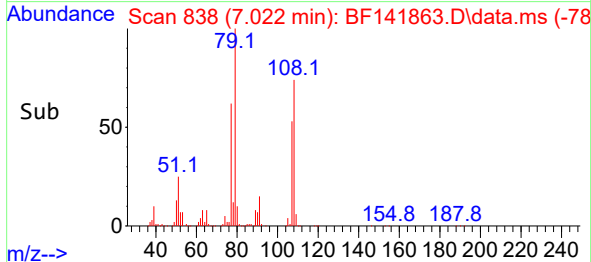
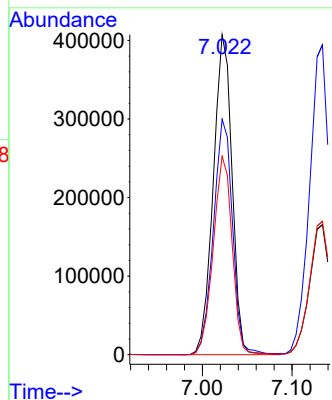
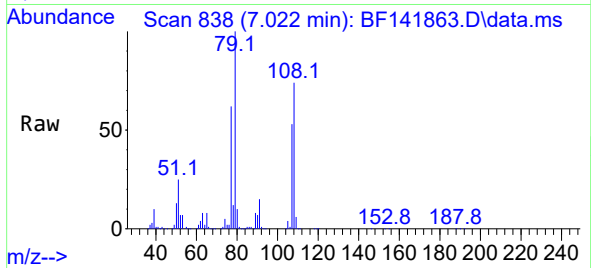




#15  
Benzyl Alcohol  
Concen: 41.57 ng  
RT: 7.022 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

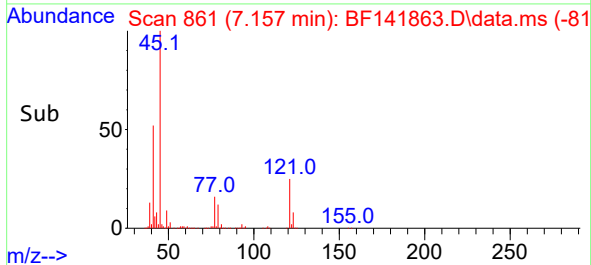
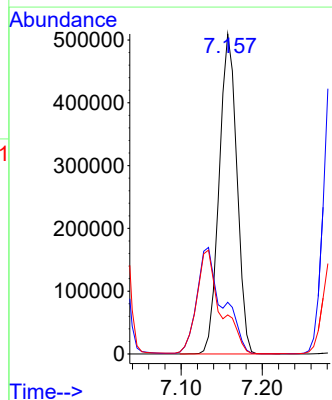
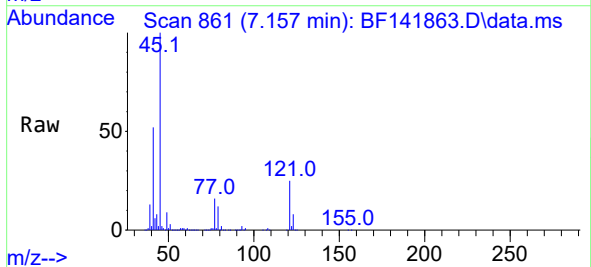
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

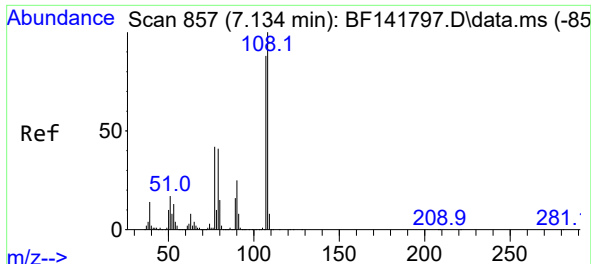
Tgt Ion: 79 Resp: 591716  
Ion Ratio Lower Upper  
79 100  
108 73.6 60.2 90.2  
77 62.0 50.2 75.2



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 35.11 ng  
RT: 7.157 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion: 45 Resp: 773514  
Ion Ratio Lower Upper  
45 100  
77 16.2 0.0 34.4  
79 12.2 0.0 30.9



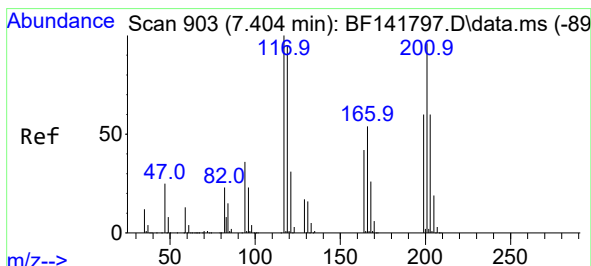
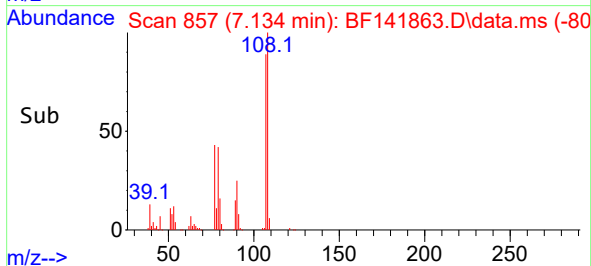
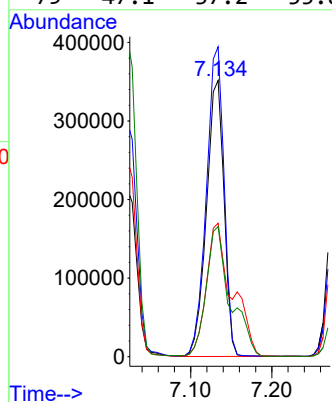
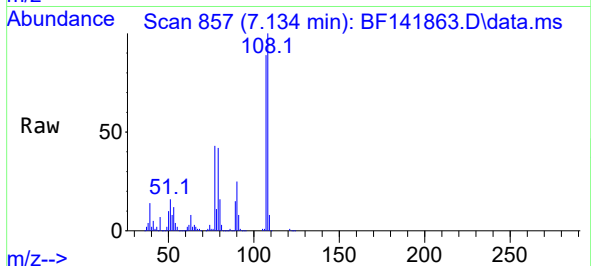


#17  
2-Methylphenol  
Concen: 43.20 ng  
RT: 7.134 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

Tgt Ion:107 Resp: 527893

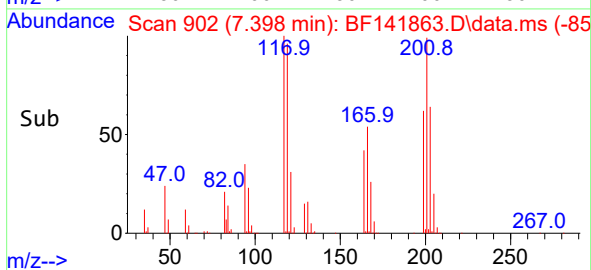
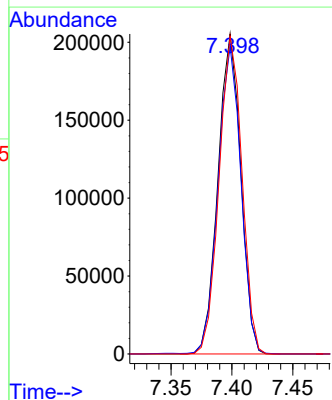
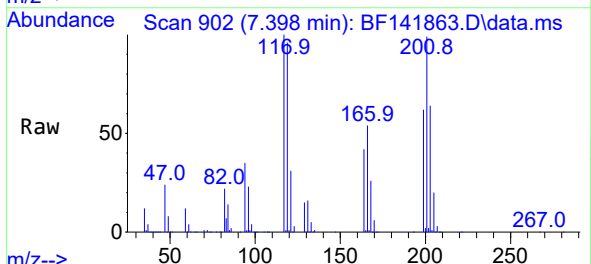
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 112.2 | 90.6  | 135.8 |
| 77  | 48.3  | 37.7  | 56.5  |
| 79  | 47.1  | 37.2  | 55.8  |

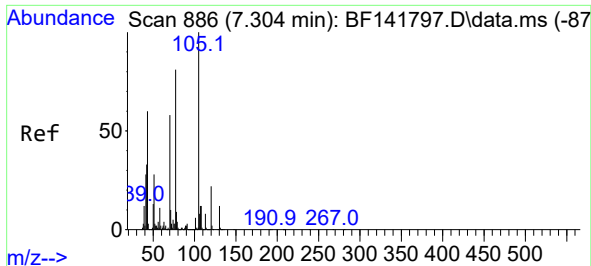


#18  
Hexachloroethane  
Concen: 44.73 ng  
RT: 7.398 min Scan# 902  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:117 Resp: 267400

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.1  | 75.8  | 113.8 |
| 201 | 99.3  | 76.7  | 115.1 |





#19

n-Nitroso-di-n-propylamine

Concen: 38.46 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Instrument :

BNA\_F

ClientSampleId :

PB166982BSD

Tgt Ion: 70 Resp: 450272

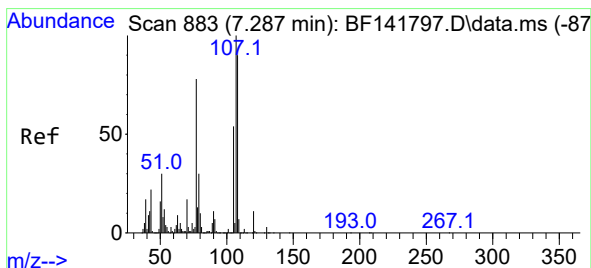
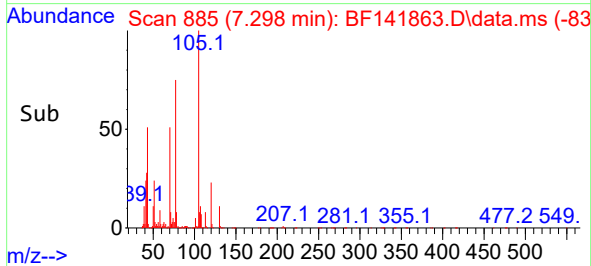
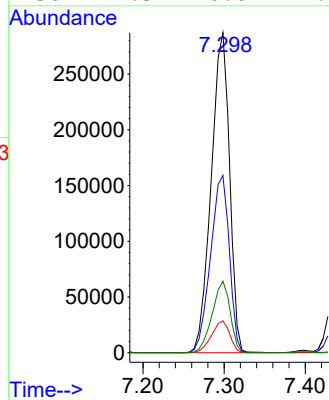
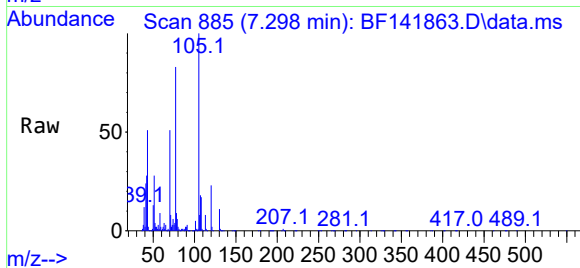
Ion Ratio Lower Upper

70 100

42 55.4 45.4 68.0

101 9.9 7.8 11.8

130 22.3 16.6 24.8



#20

3+4-Methylphenols

Concen: 42.77 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Tgt Ion:107 Resp: 650789

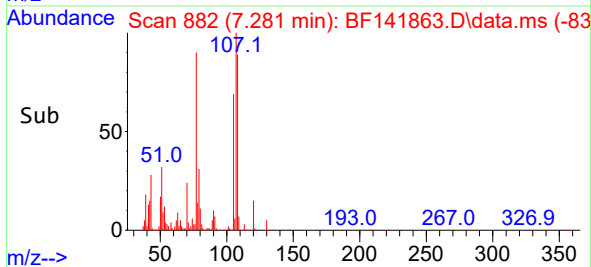
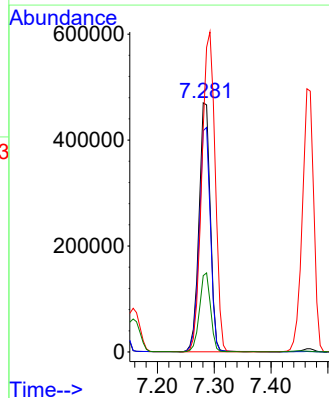
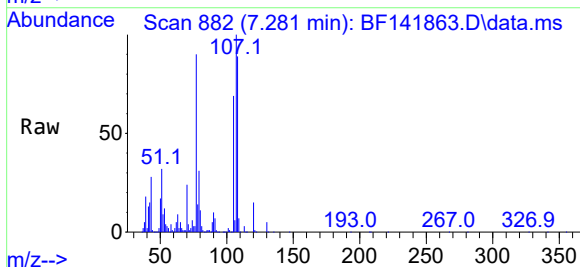
Ion Ratio Lower Upper

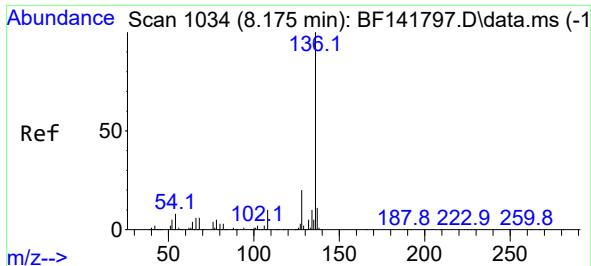
107 100

108 88.8 69.7 109.7

77 89.8 58.3 98.3

79 30.6 10.3 50.3



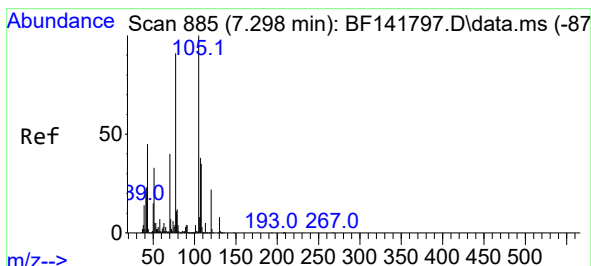
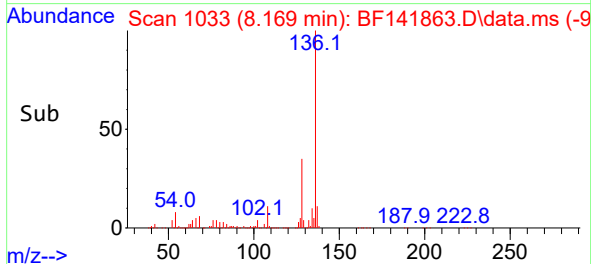
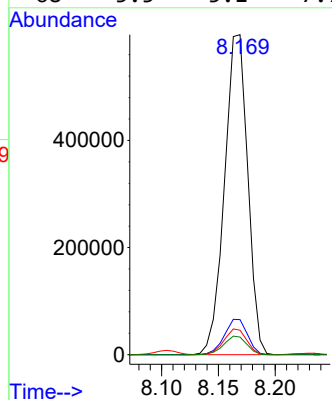
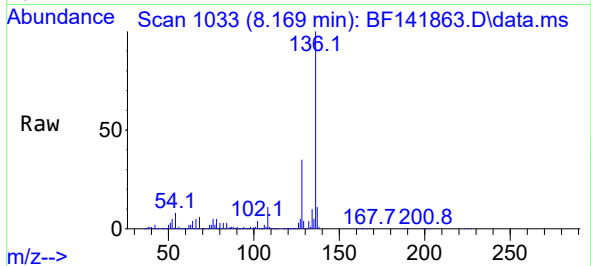


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

Tgt Ion:136 Resp: 850562

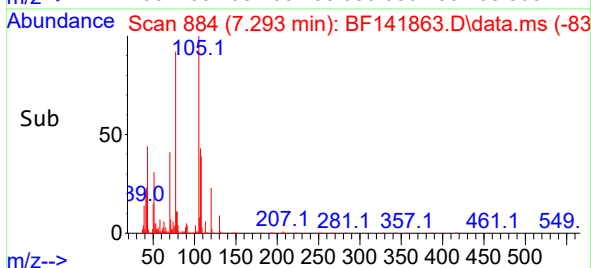
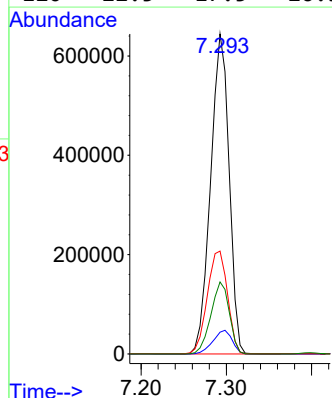
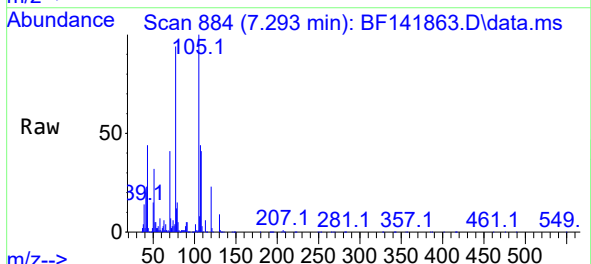
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.9   | 13.3  |
| 54  | 7.6   | 6.9   | 10.3  |
| 68  | 5.5   | 5.1   | 7.7   |

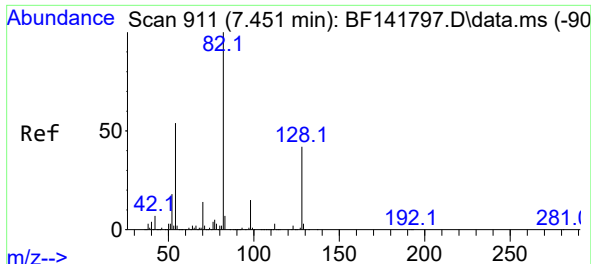


#22  
Acetophenone  
Concen: 46.83 ng  
RT: 7.293 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:105 Resp: 970026

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 6.8   | 5.4   | 8.0   |
| 51  | 32.1  | 26.1  | 39.1  |
| 120 | 22.5  | 17.5  | 26.3  |

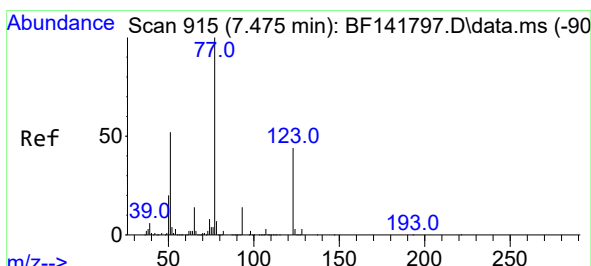
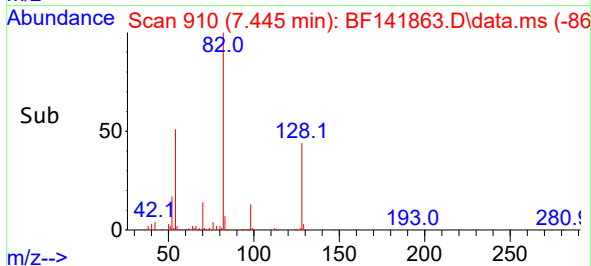
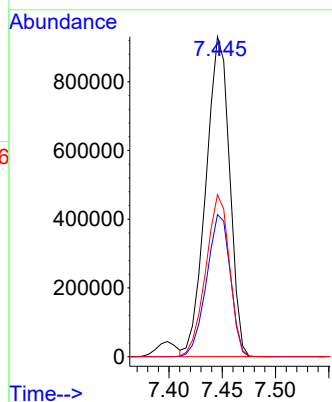
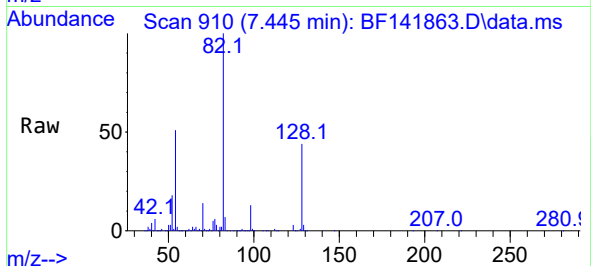




#23  
Nitrobenzene-d5  
Concen: 108.53 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

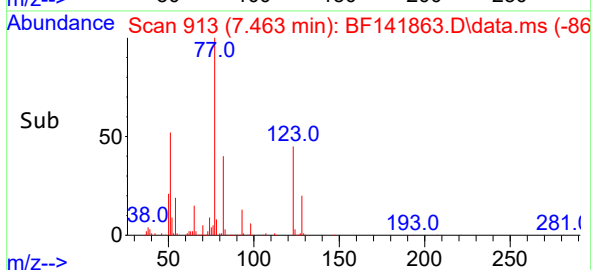
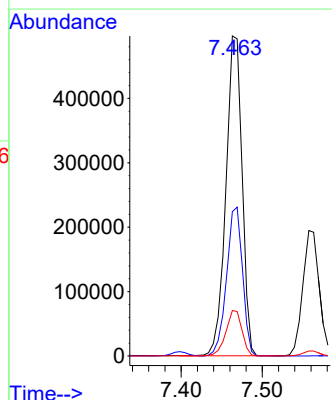
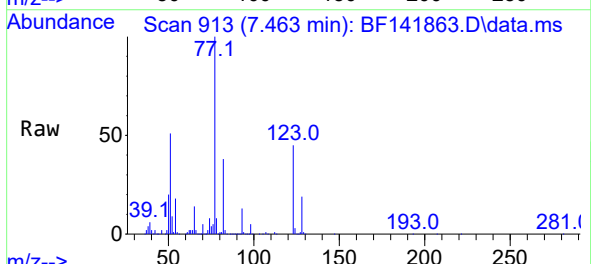
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

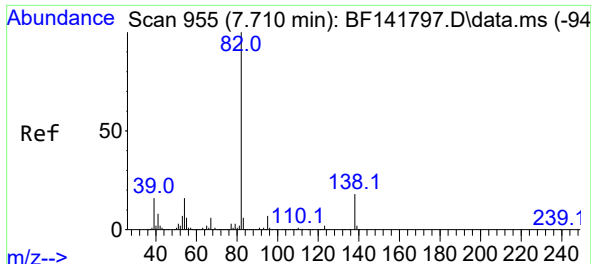
Tgt Ion: 82 Resp: 1444229  
Ion Ratio Lower Upper  
82 100  
128 44.4 33.5 50.3  
54 50.6 42.7 64.1



#24  
Nitrobenzene  
Concen: 48.47 ng  
RT: 7.463 min Scan# 913  
Delta R.T. -0.012 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion: 77 Resp: 690687  
Ion Ratio Lower Upper  
77 100  
123 45.1 35.8 53.8  
65 14.2 11.2 16.8

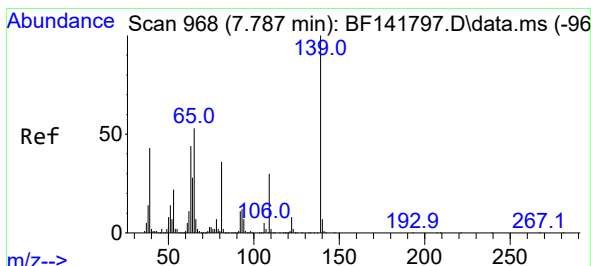
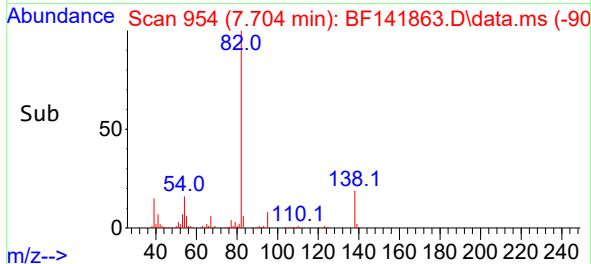
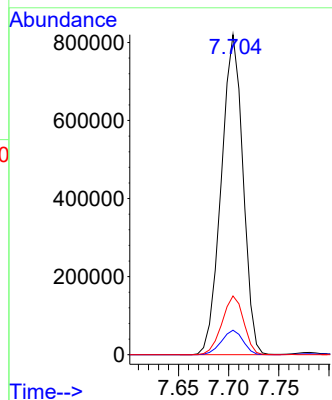
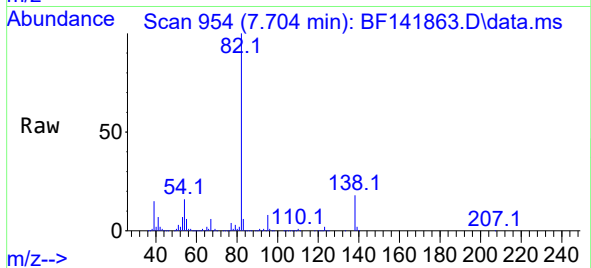




#25  
Isophorone  
Concen: 43.11 ng  
RT: 7.704 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

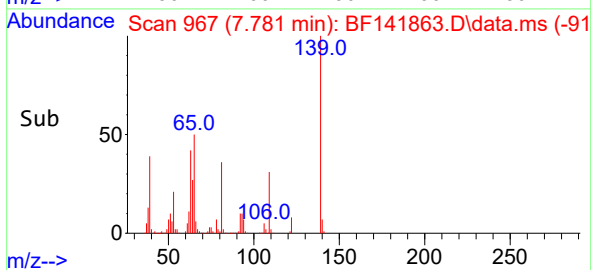
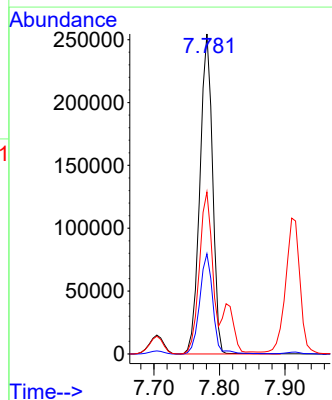
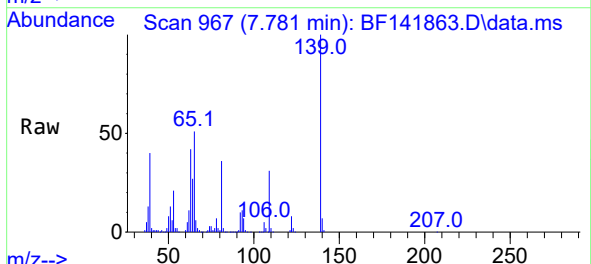
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

Tgt Ion: 82 Resp: 1232538  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.8 8.8  
138 18.4 14.0 21.0

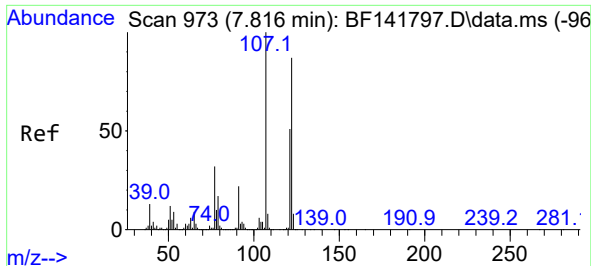


#26  
2-Nitrophenol  
Concen: 53.40 ng  
RT: 7.781 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:139 Resp: 343487  
Ion Ratio Lower Upper  
139 100  
109 31.3 24.1 36.1  
65 50.6 42.3 63.5



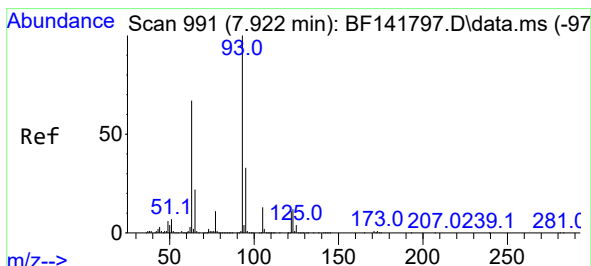
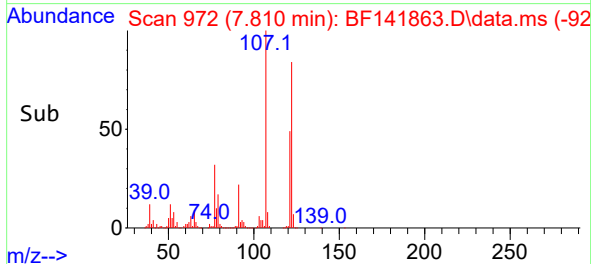
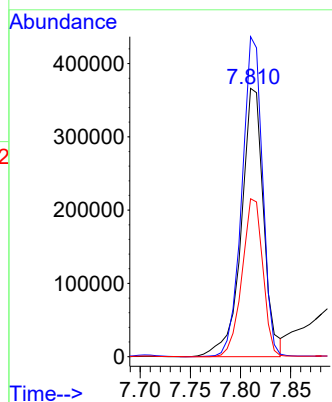
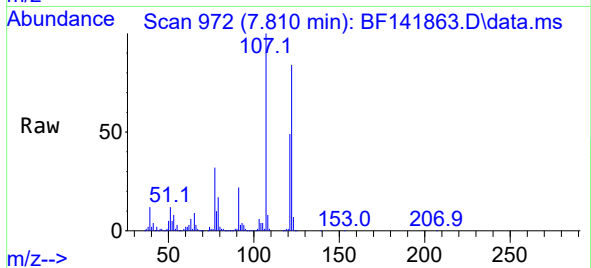




#27  
2,4-Dimethylphenol  
Concen: 53.94 ng  
RT: 7.810 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

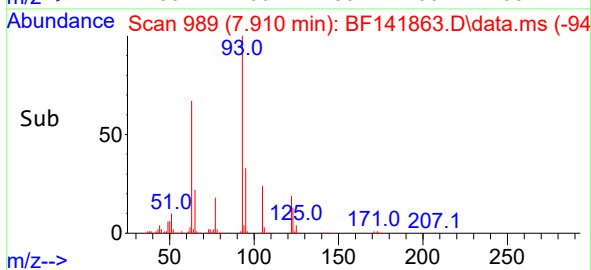
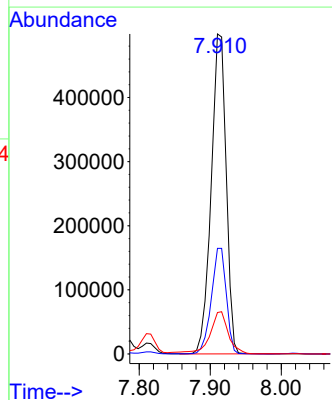
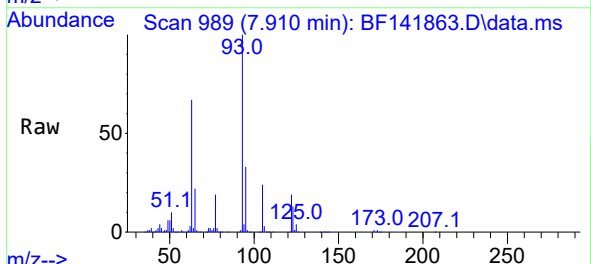
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

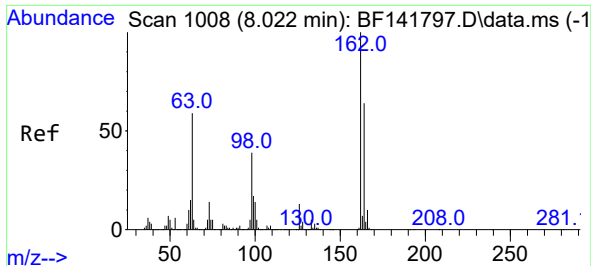
Tgt Ion:122 Resp: 566807  
Ion Ratio Lower Upper  
122 100  
107 119.3 92.5 138.7  
121 58.8 47.1 70.7



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.11 ng  
RT: 7.910 min Scan# 989  
Delta R.T. -0.012 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion: 93 Resp: 731505  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.5 39.7  
123 12.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 44.55 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Instrument :

BNA\_F

ClientSampleId :

PB166982BSD

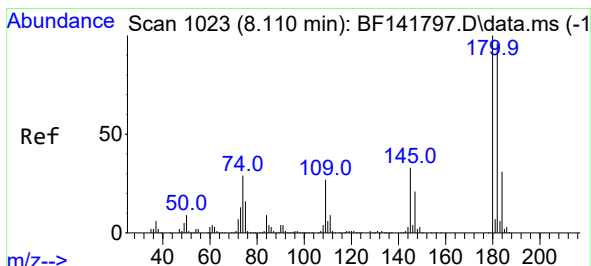
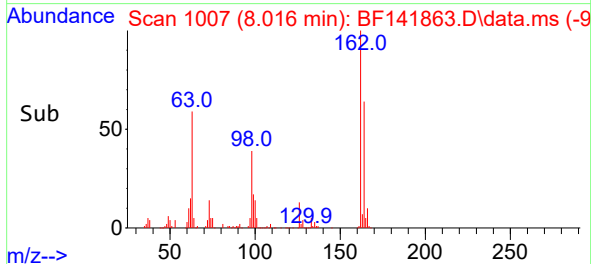
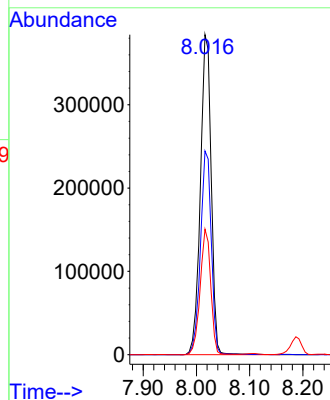
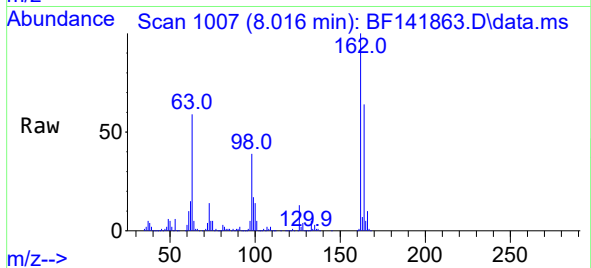
Tgt Ion:162 Resp: 540126

Ion Ratio Lower Upper

162 100

164 63.7 44.3 84.3

98 39.2 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 44.48 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

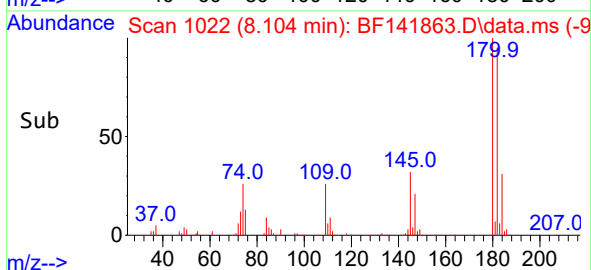
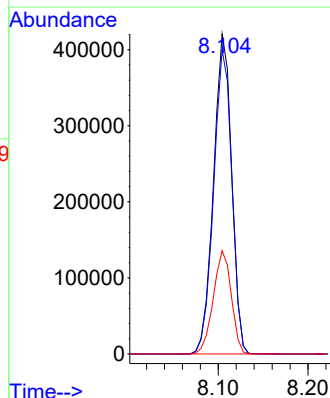
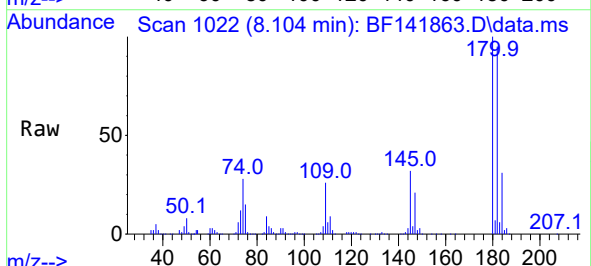
Tgt Ion:180 Resp: 590826

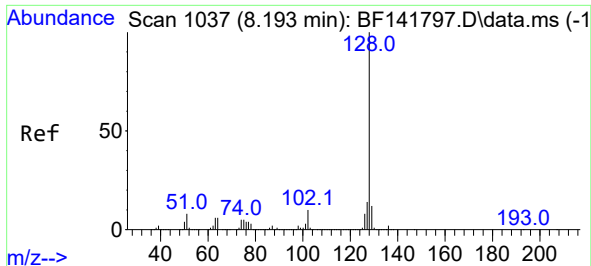
Ion Ratio Lower Upper

180 100

182 95.1 76.8 115.2

145 32.2 26.4 39.6

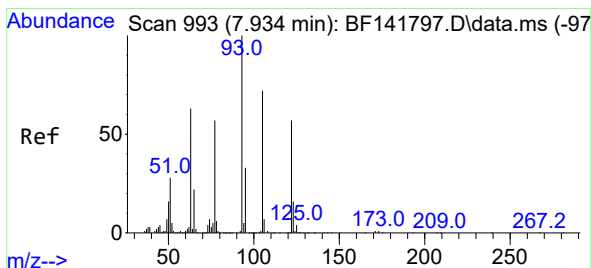
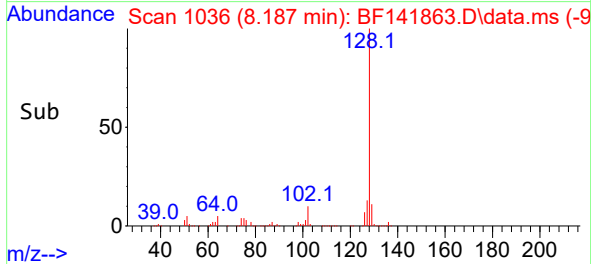
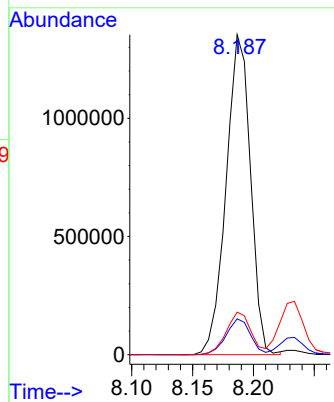
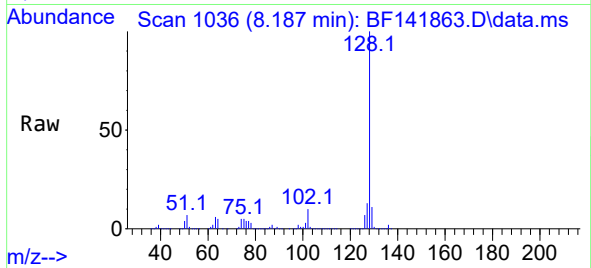




#31  
Naphthalene  
Concen: 43.11 ng  
RT: 8.187 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

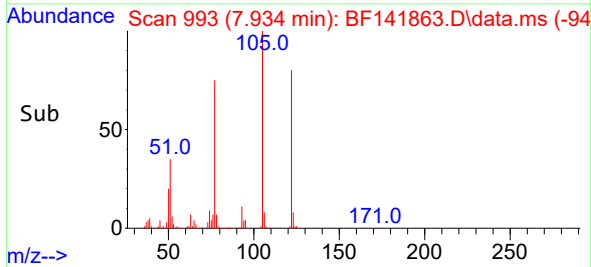
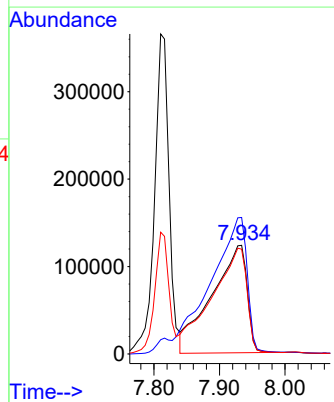
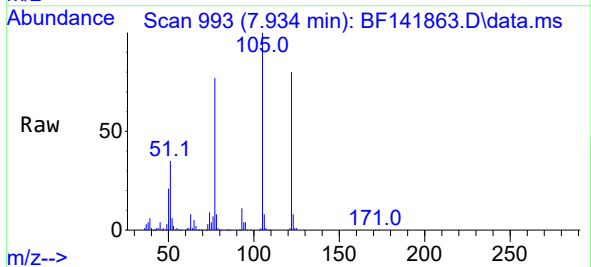
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

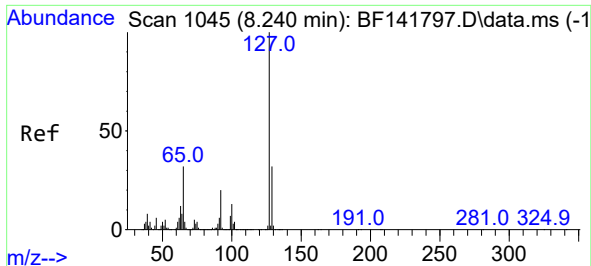
Tgt Ion:128 Resp: 1884687  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.2 13.8  
127 13.3 11.0 16.4



#32  
Benzoic acid  
Concen: 51.80 ng  
RT: 7.934 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:122 Resp: 460651  
Ion Ratio Lower Upper  
122 100  
105 125.6 105.8 145.8  
77 96.5 79.9 119.9



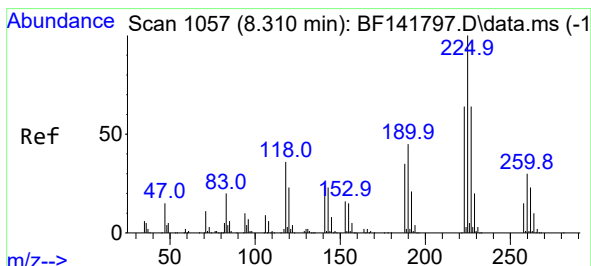
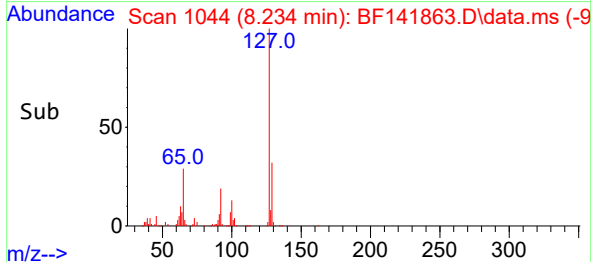
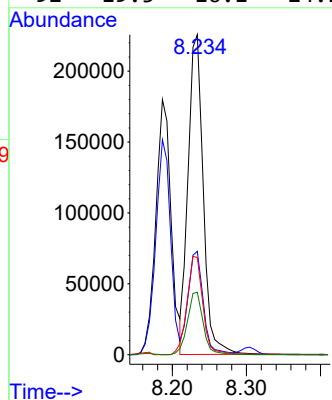
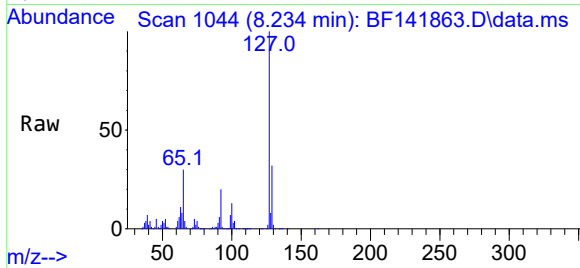


#33  
4-Chloroaniline  
Concen: 20.08 ng  
RT: 8.234 min Scan# 1044  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

Tgt Ion:127 Resp: 321805

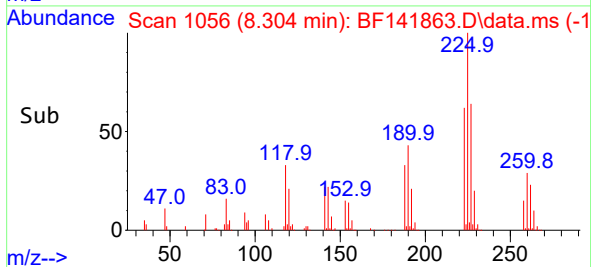
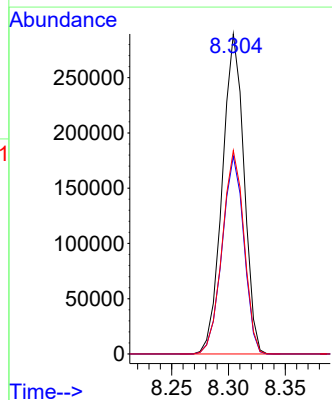
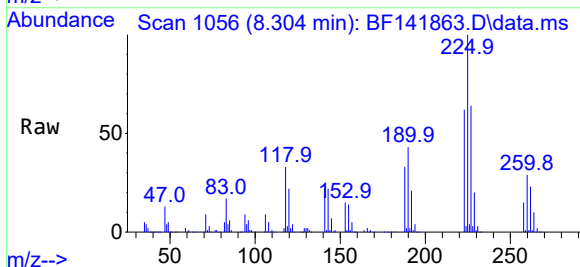
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.3  | 26.1  | 39.1  |
| 65  | 30.4  | 25.7  | 38.5  |
| 92  | 19.5  | 16.1  | 24.1  |

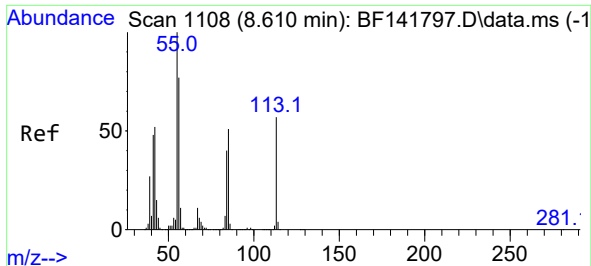


#34  
Hexachlorobutadiene  
Concen: 46.59 ng  
RT: 8.304 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:225 Resp: 384615

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 61.8  | 51.4  | 77.2  |
| 227 | 63.6  | 51.6  | 77.4  |

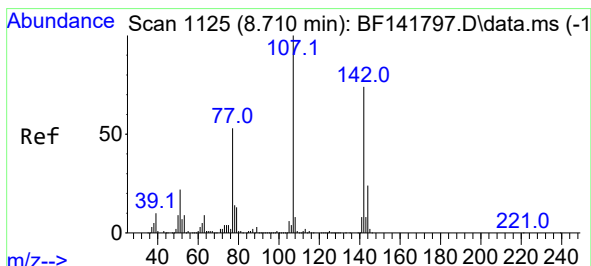
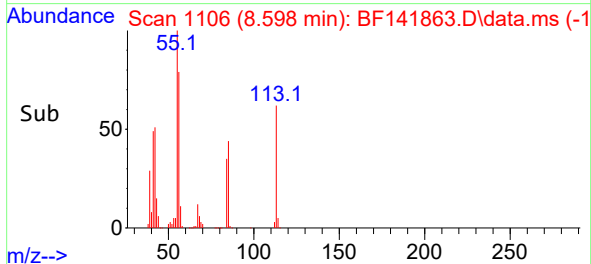
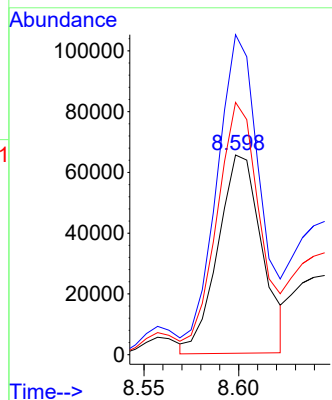
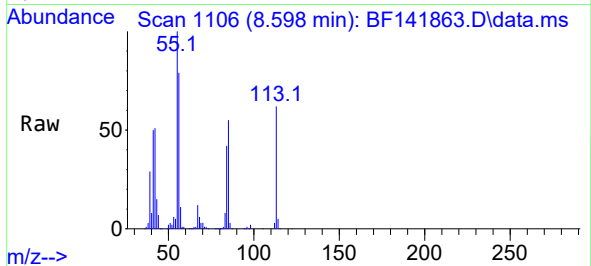




#35  
Caprolactam  
Concen: 28.25 ng  
RT: 8.598 min Scan# 1106  
Delta R.T. -0.012 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

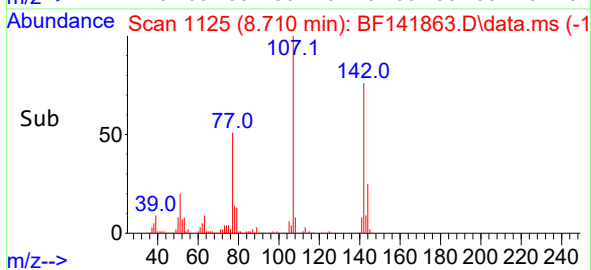
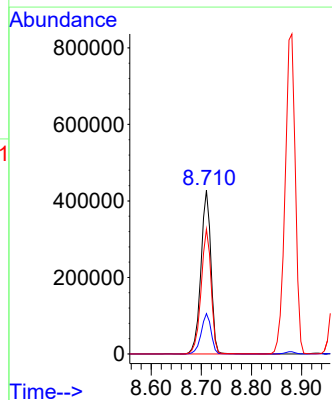
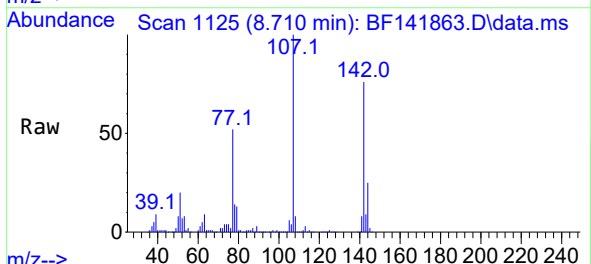
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

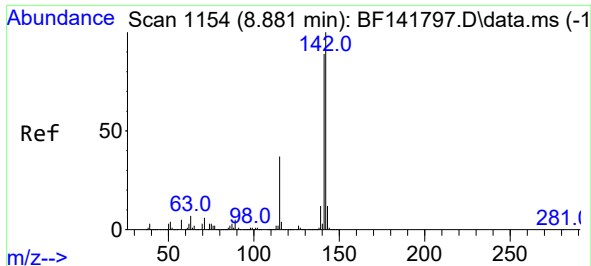
Tgt Ion:113 Resp: 105350  
Ion Ratio Lower Upper  
113 100  
55 160.3 155.6 195.6  
56 126.4 114.6 154.6



#36  
4-Chloro-3-methylphenol  
Concen: 43.91 ng  
RT: 8.710 min Scan# 1125  
Delta R.T. 0.000 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:107 Resp: 591369  
Ion Ratio Lower Upper  
107 100  
144 24.6 19.4 29.0  
142 76.2 59.4 89.0

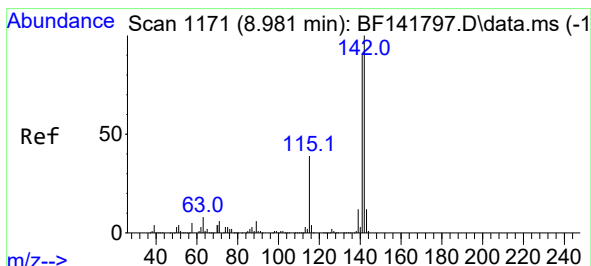
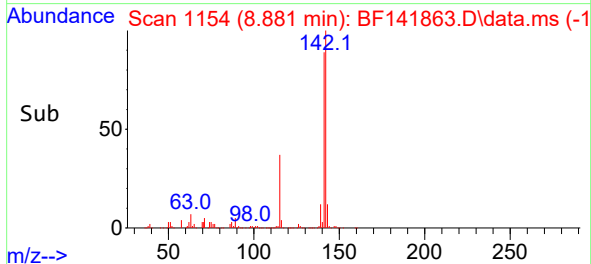
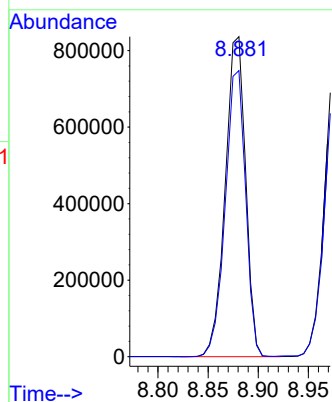
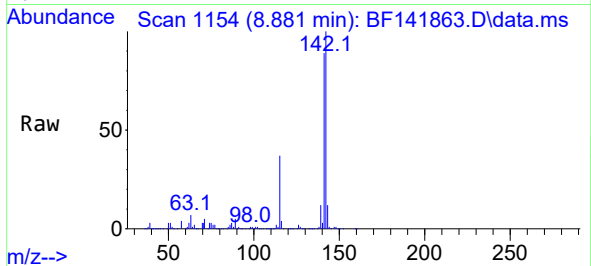




#37  
2-Methylnaphthalene  
Concen: 41.22 ng  
RT: 8.881 min Scan# 1154  
Delta R.T. -0.000 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

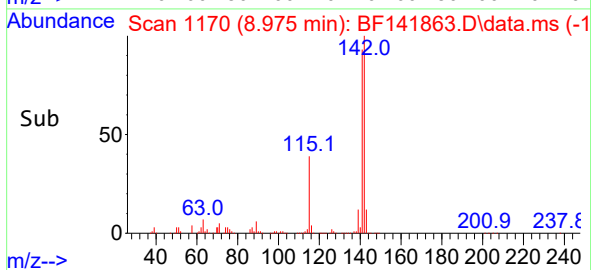
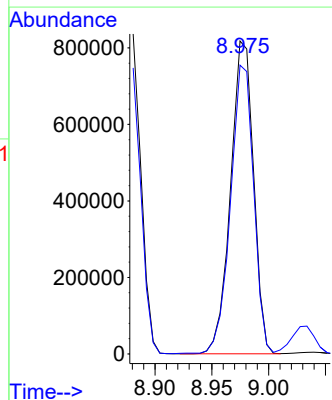
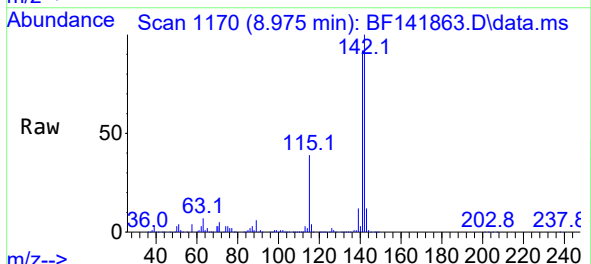
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

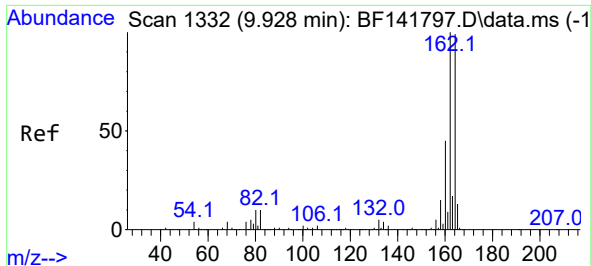
Tgt Ion:142 Resp: 1181958  
Ion Ratio Lower Upper  
142 100  
141 89.4 71.1 106.7



#38  
1-Methylnaphthalene  
Concen: 41.81 ng  
RT: 8.975 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:142 Resp: 1150355  
Ion Ratio Lower Upper  
142 100  
141 92.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Instrument :

BNA\_F

ClientSampleId :

PB166982BSD

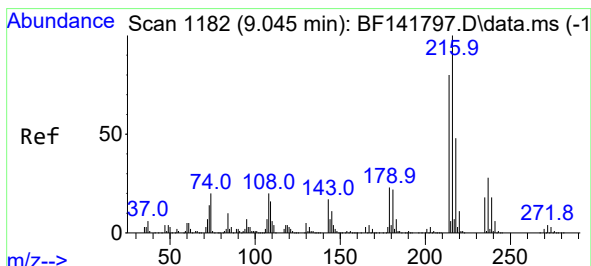
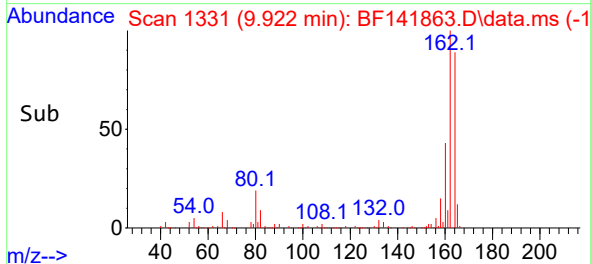
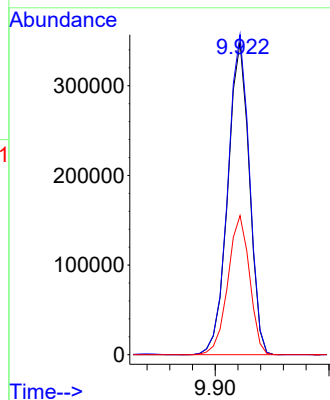
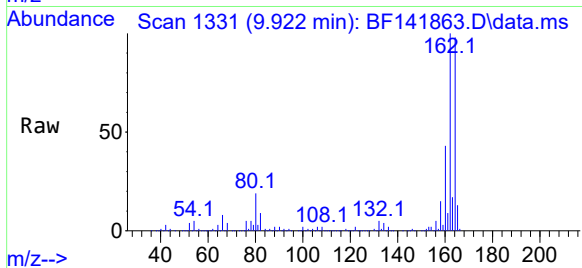
Tgt Ion:164 Resp: 458462

Ion Ratio Lower Upper

164 100

162 102.5 80.6 120.8

160 44.6 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.20 ng

RT: 9.045 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Tgt Ion:216 Resp: 651413

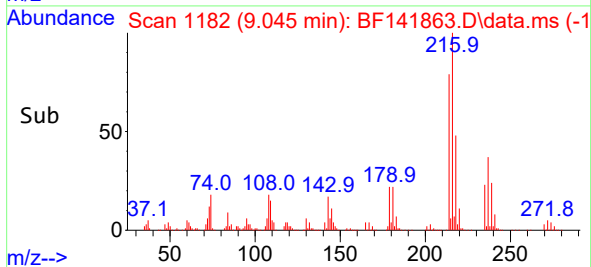
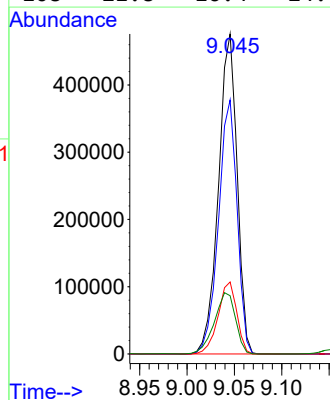
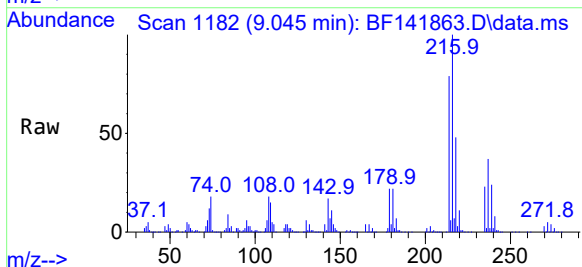
Ion Ratio Lower Upper

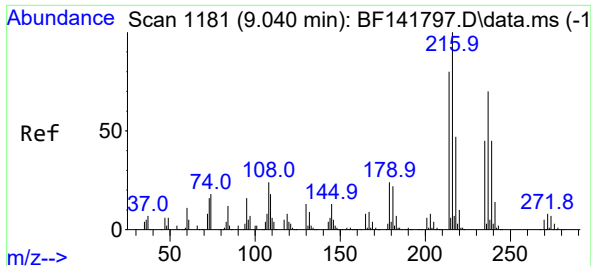
216 100

214 79.3 63.5 95.3

179 22.7 18.1 27.1

108 21.8 16.4 24.6

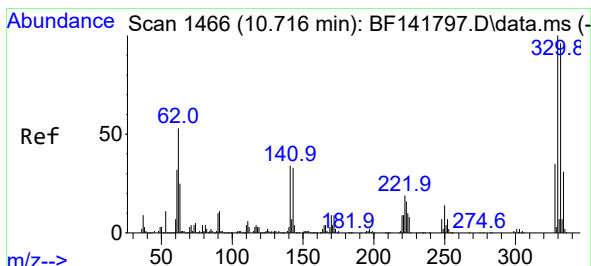
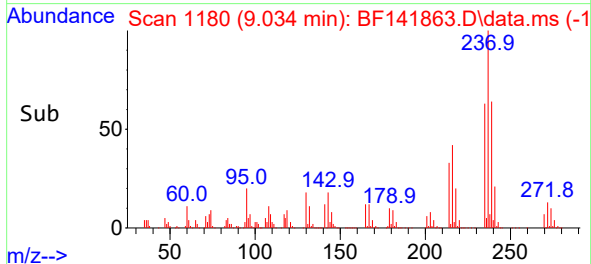
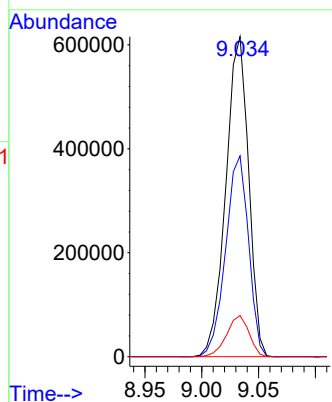
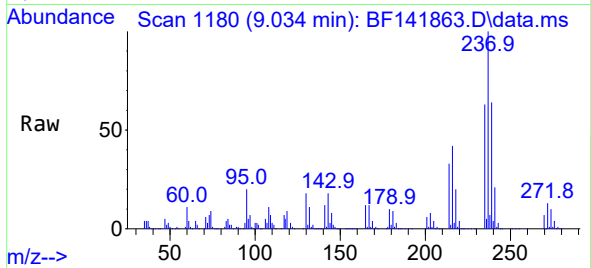




#41  
Hexachlorocyclopentadiene  
Concen: 155.46 ng  
RT: 9.034 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

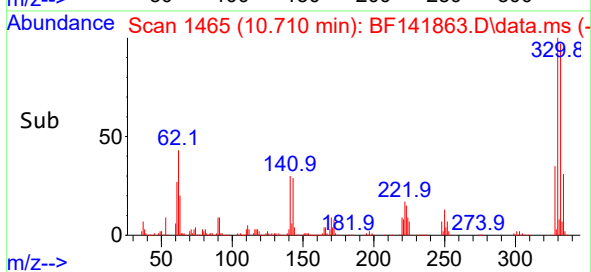
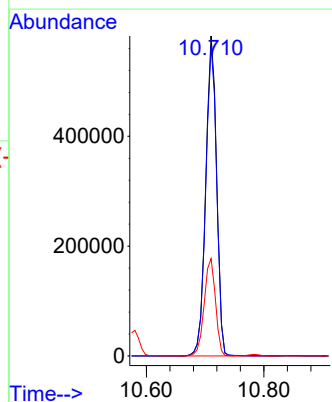
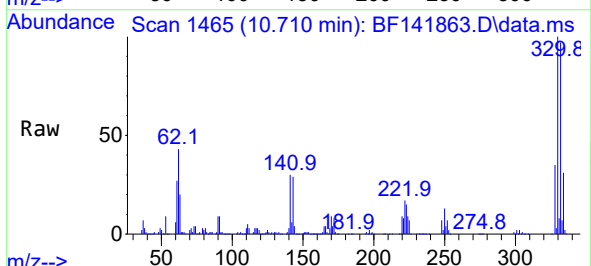
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

Tgt Ion:237 Resp: 859046  
Ion Ratio Lower Upper  
237 100  
235 62.8 43.3 83.3  
272 12.8 0.0 31.9

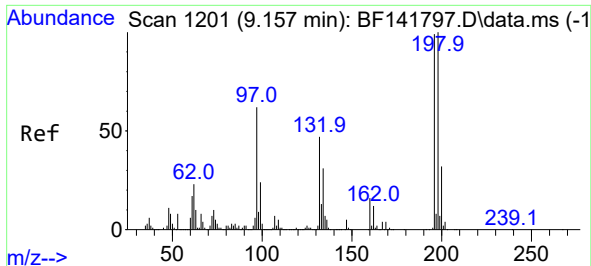


#42  
2,4,6-Tribromophenol  
Concen: 174.21 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:330 Resp: 749833  
Ion Ratio Lower Upper  
330 100  
332 97.1 76.6 115.0  
141 31.5 29.0 43.4



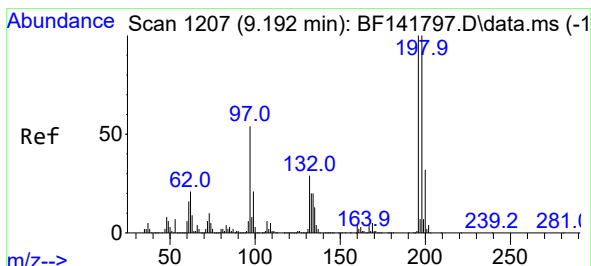
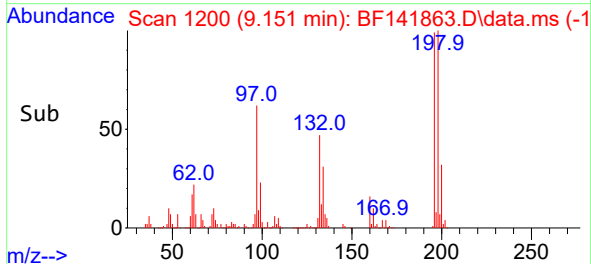
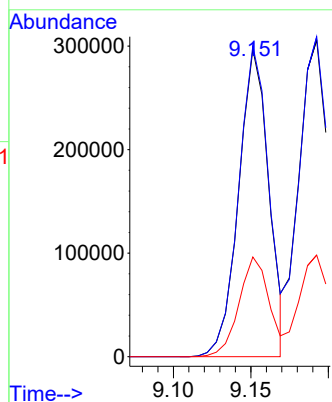
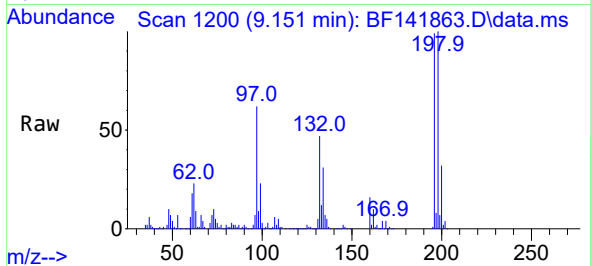




#43  
2,4,6-Trichlorophenol  
Concen: 46.99 ng  
RT: 9.151 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

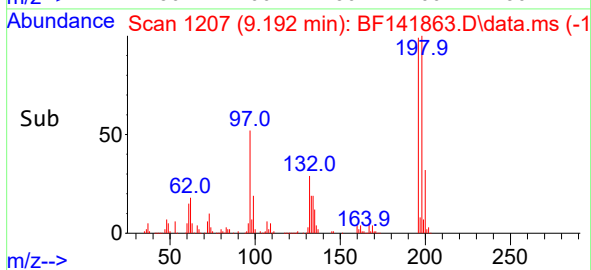
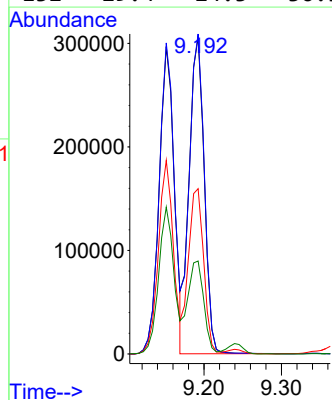
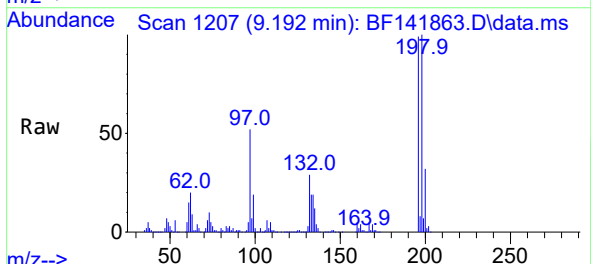
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

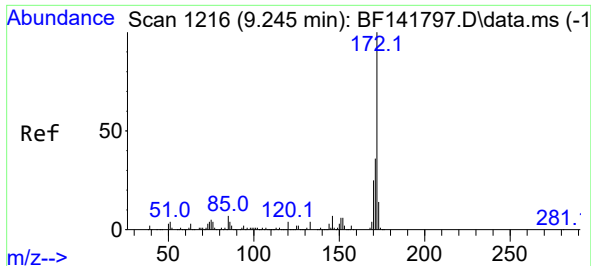
Tgt Ion:196 Resp: 401927  
Ion Ratio Lower Upper  
196 100  
198 101.2 80.4 120.6  
200 32.4 25.7 38.5



#44  
2,4,5-Trichlorophenol  
Concen: 48.79 ng  
RT: 9.192 min Scan# 1207  
Delta R.T. 0.000 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:196 Resp: 413188  
Ion Ratio Lower Upper  
196 100  
198 101.0 79.7 119.5  
97 52.2 44.2 66.2  
132 29.4 24.3 36.5

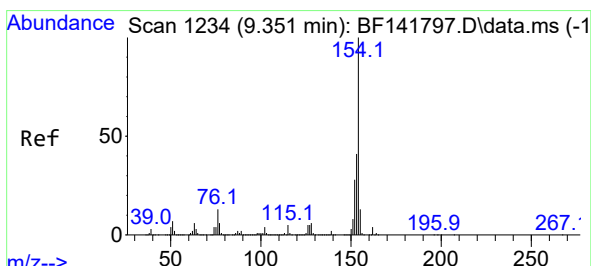
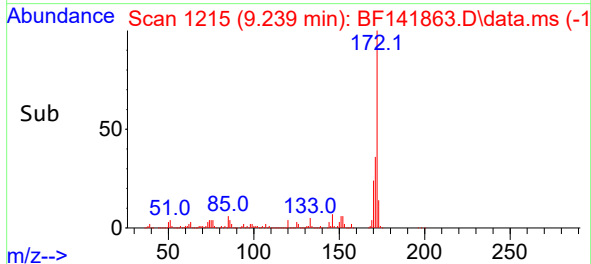
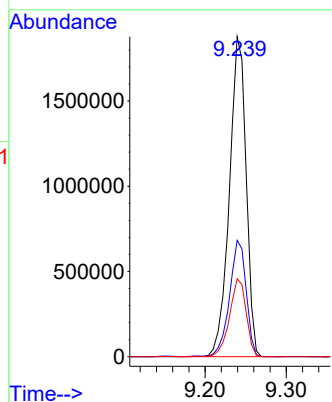
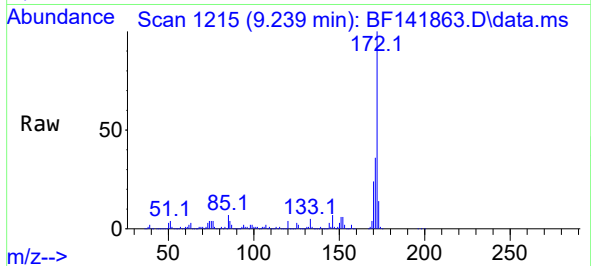




#45  
2-Fluorobiphenyl  
Concen: 93.98 ng  
RT: 9.239 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

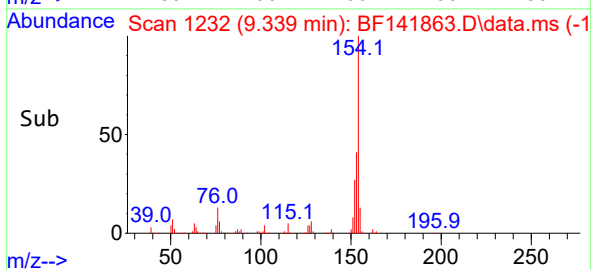
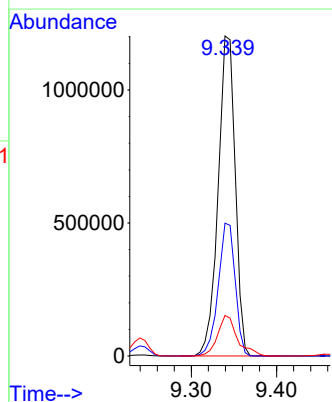
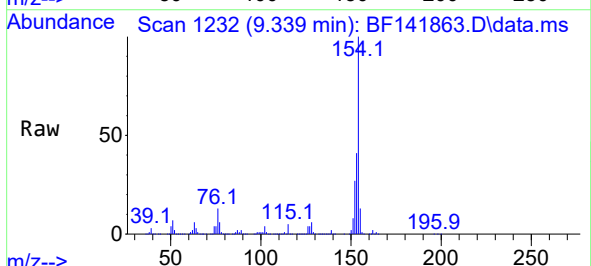
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

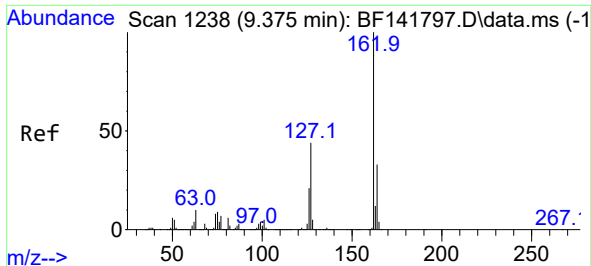
Tgt Ion:172 Resp: 2687024  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.2 43.8  
170 24.3 19.7 29.5



#46  
1,1'-Biphenyl  
Concen: 48.03 ng  
RT: 9.339 min Scan# 1232  
Delta R.T. -0.012 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:154 Resp: 1676041  
Ion Ratio Lower Upper  
154 100  
153 41.5 21.4 61.4  
76 12.7 0.0 33.4





#47

2-Chloronaphthalene

Concen: 44.34 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Instrument :

BNA\_F

ClientSampleId :

PB166982BSD

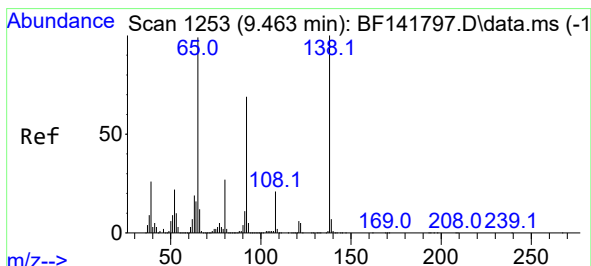
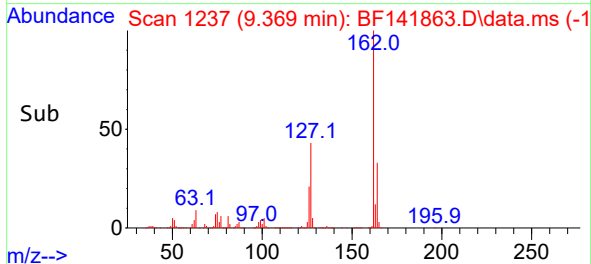
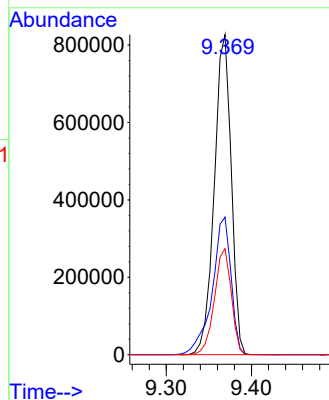
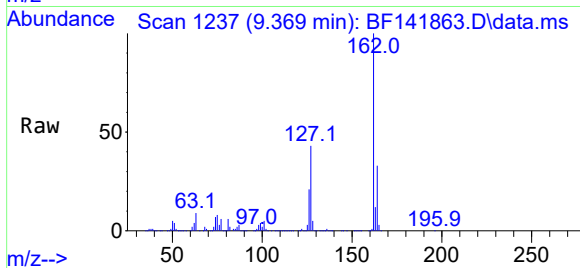
Tgt Ion:162 Resp: 1141918

Ion Ratio Lower Upper

162 100

127 43.0 35.0 52.6

164 33.1 26.6 40.0



#48

2-Nitroaniline

Concen: 51.36 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

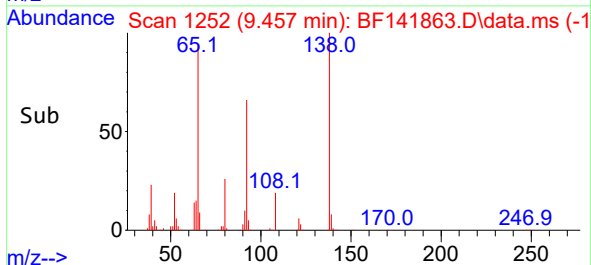
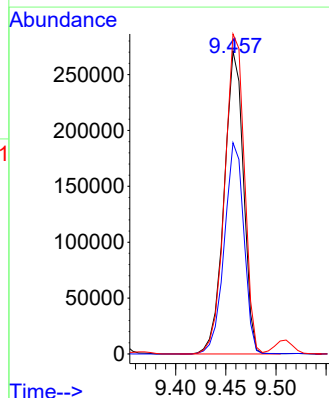
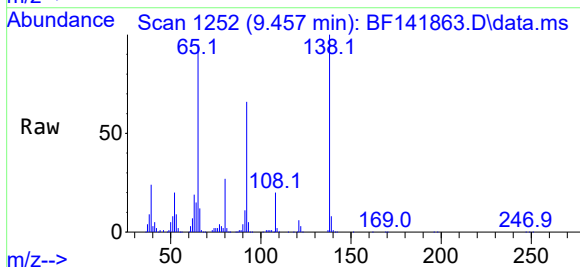
Tgt Ion: 65 Resp: 364440

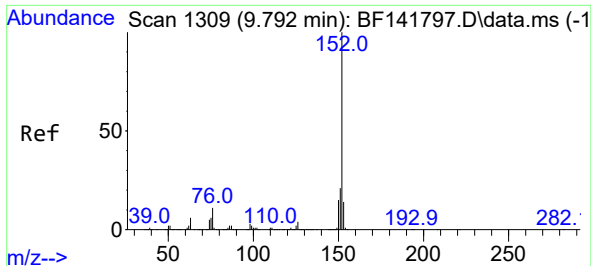
Ion Ratio Lower Upper

65 100

92 69.7 55.7 83.5

138 105.7 80.6 121.0





#49

Acenaphthylene

Concen: 46.27 ng

RT: 9.781 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

Instrument :

BNA\_F

ClientSampleId :

PB166982BSD

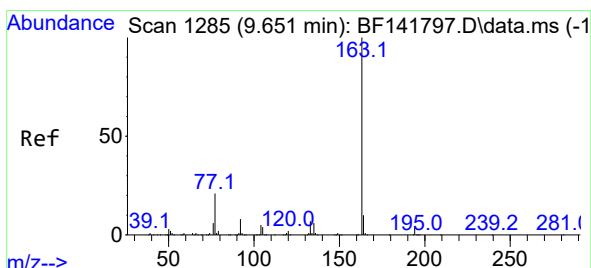
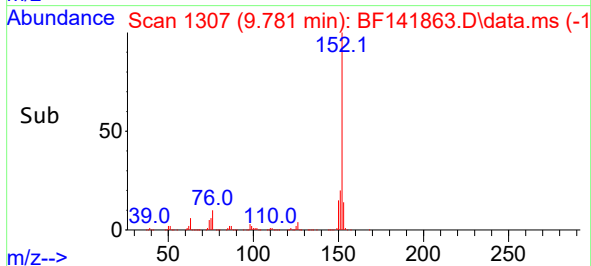
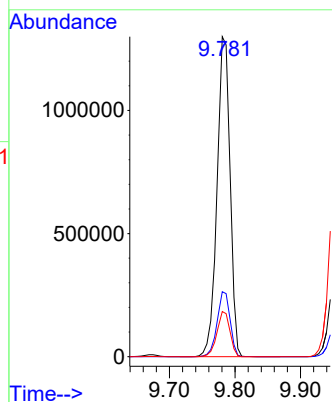
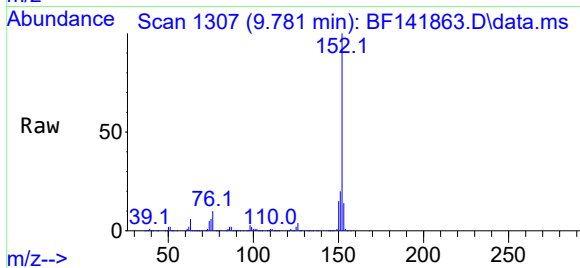
Tgt Ion:152 Resp: 1786900

Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8

153 14.1 11.2 16.8



#50

Dimethylphthalate

Concen: 44.60 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF141863.D

Acq: 06 Mar 2025 12:21

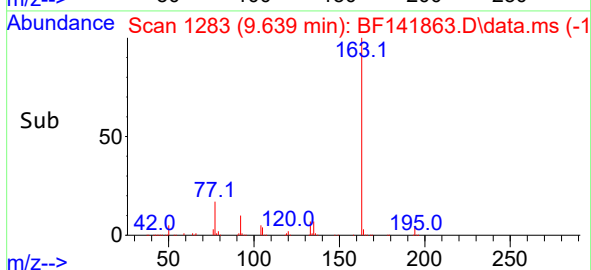
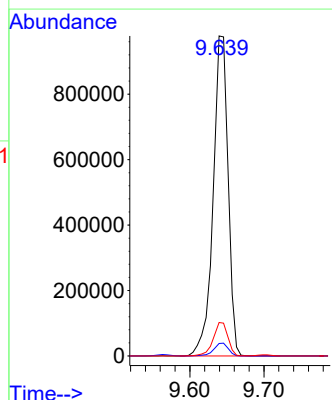
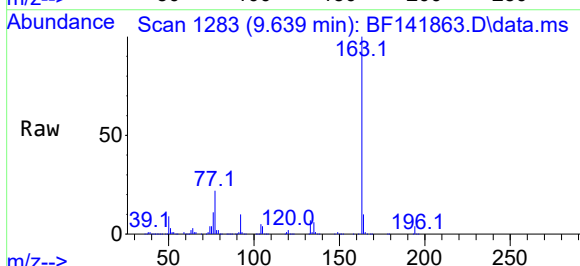
Tgt Ion:163 Resp: 1369183

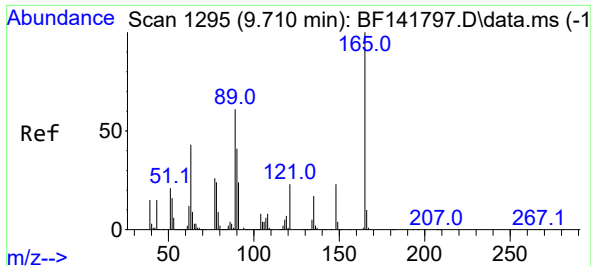
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.4 12.6

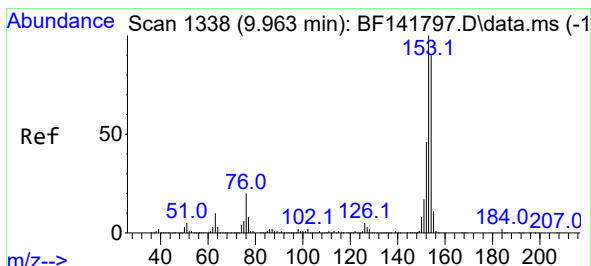
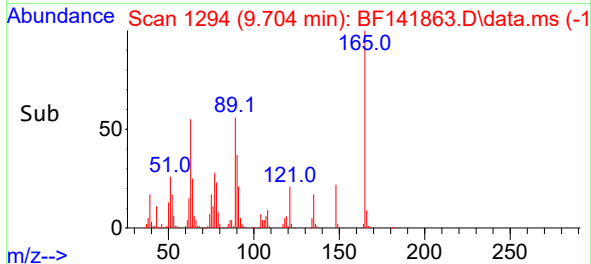
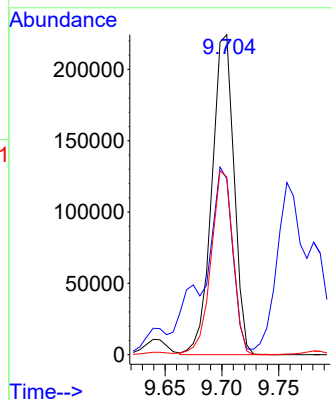
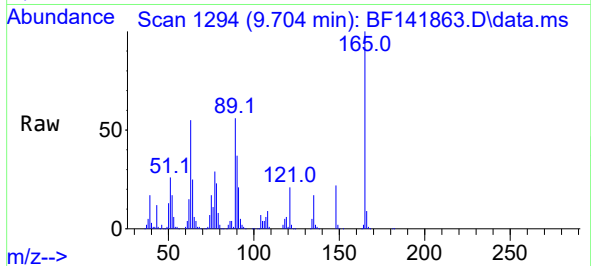




#51  
2,6-Dinitrotoluene  
Concen: 51.55 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

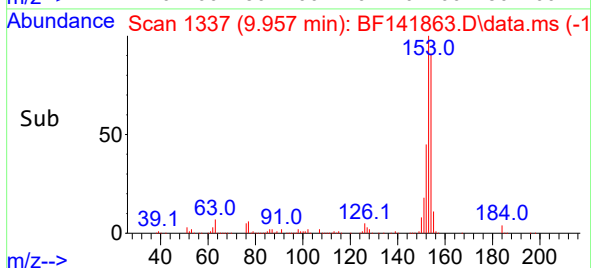
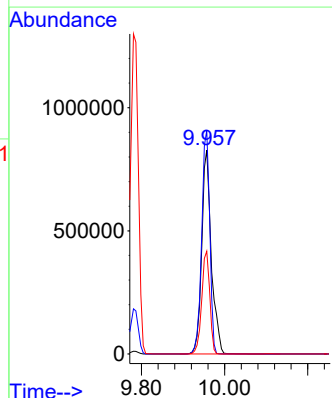
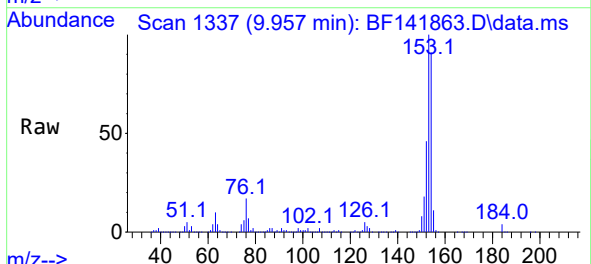
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

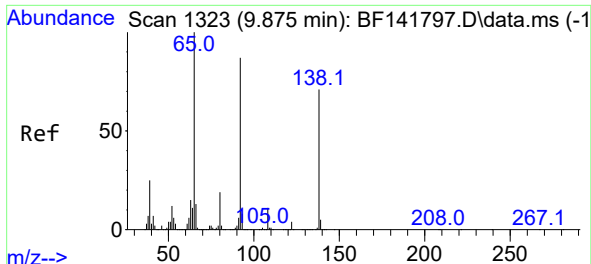
Tgt Ion:165 Resp: 304076  
Ion Ratio Lower Upper  
165 100  
63 55.0 49.5 74.3  
89 55.6 49.0 73.4



#52  
Acenaphthene  
Concen: 50.97 ng  
RT: 9.957 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:154 Resp: 1328050  
Ion Ratio Lower Upper  
154 100  
153 109.7 88.7 133.1  
152 50.4 40.9 61.3

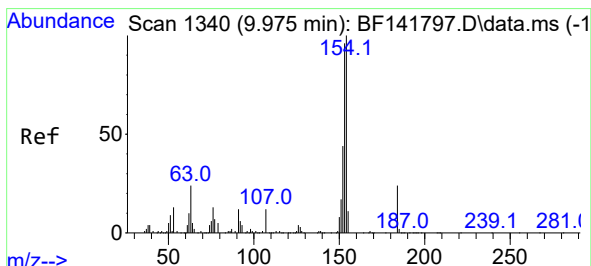
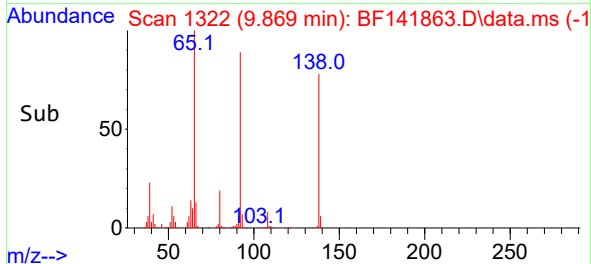
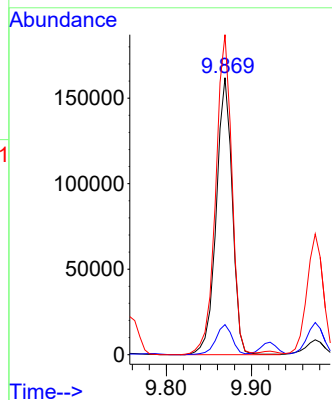
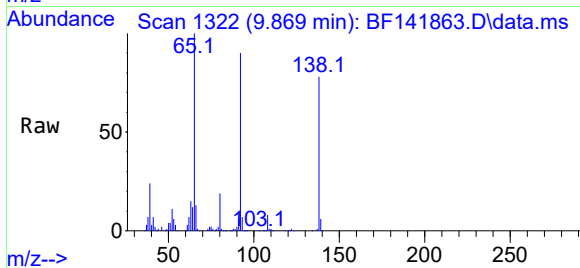




#53  
3-Nitroaniline  
Concen: 34.70 ng  
RT: 9.869 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

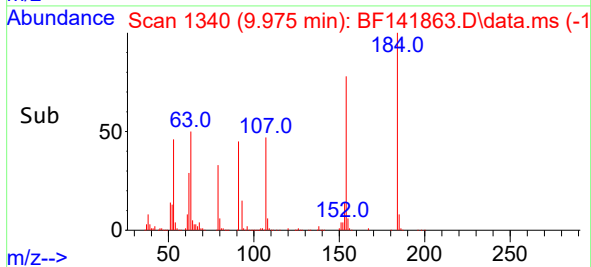
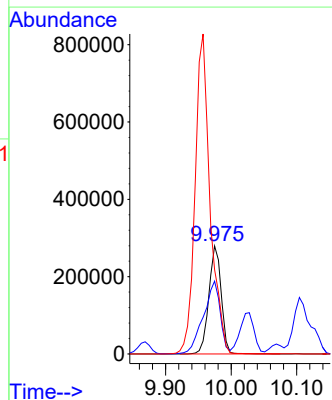
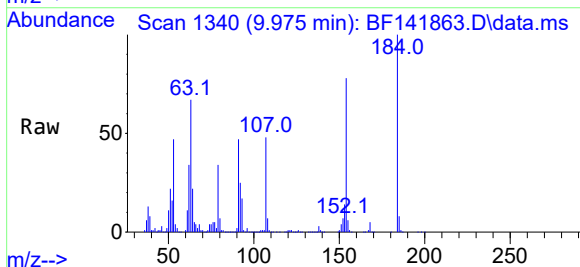
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

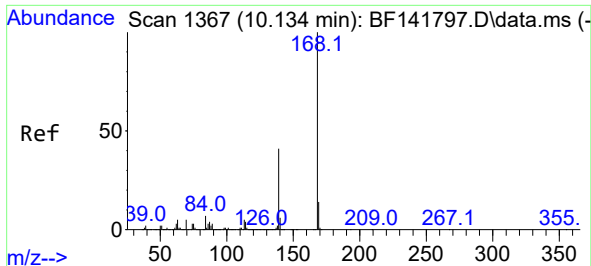
Tgt Ion:138 Resp: 211617  
Ion Ratio Lower Upper  
138 100  
108 10.8 12.7 19.1#  
92 115.5 97.9 146.9



#54  
2,4-Dinitrophenol  
Concen: 117.42 ng  
RT: 9.975 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:184 Resp: 367510  
Ion Ratio Lower Upper  
184 100  
63 67.4 79.0 118.6#  
154 78.1 335.8 503.8#

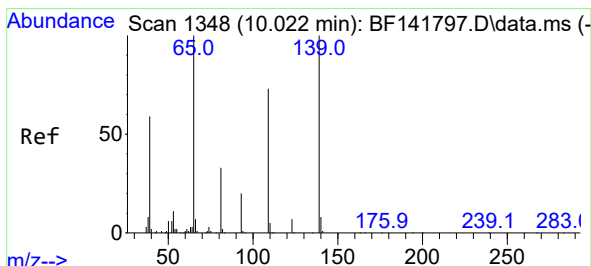
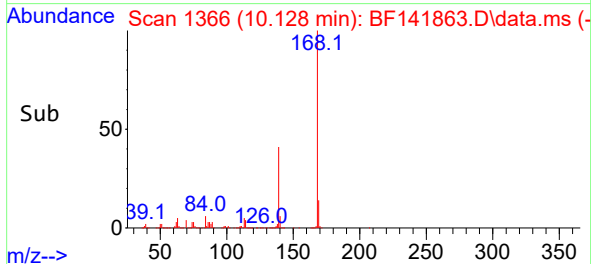
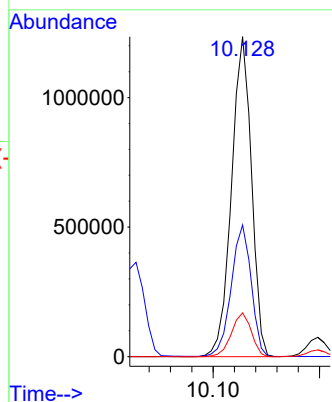
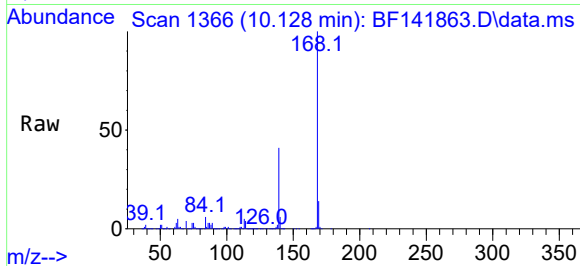




#55  
Dibenzenofuran  
Concen: 42.39 ng  
RT: 10.128 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

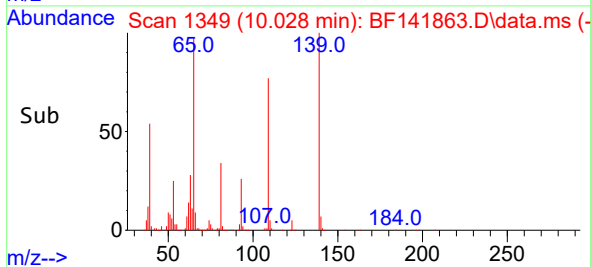
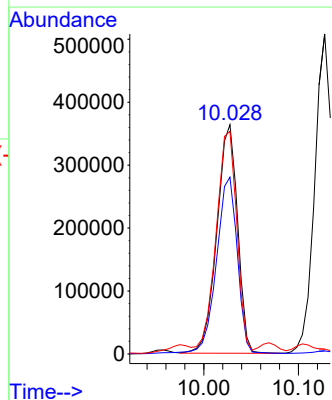
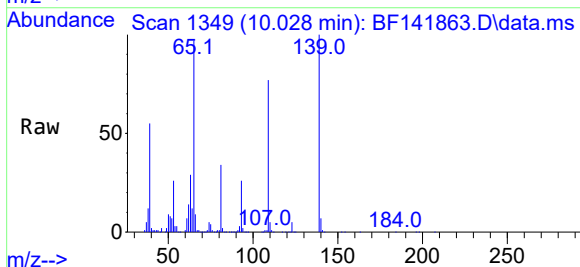
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

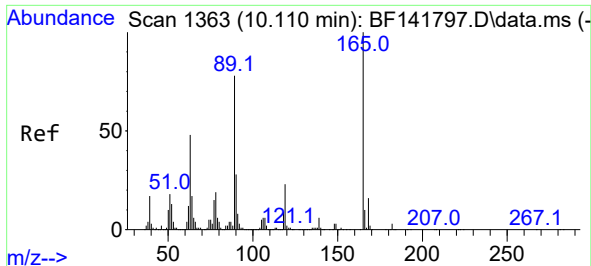
Tgt Ion:168 Resp: 1607693  
Ion Ratio Lower Upper  
168 100  
139 41.2 32.9 49.3  
169 13.7 11.1 16.7



#56  
4-Nitrophenol  
Concen: 122.01 ng  
RT: 10.028 min Scan# 1349  
Delta R.T. 0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:139 Resp: 553259  
Ion Ratio Lower Upper  
139 100  
109 77.1 53.4 93.4  
65 97.0 82.1 122.1

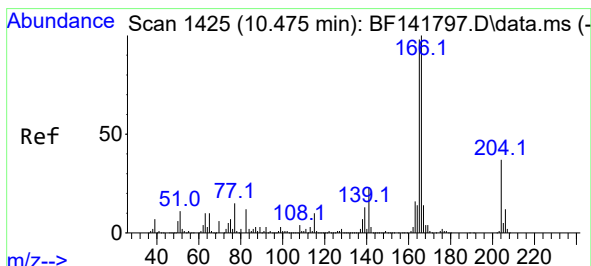
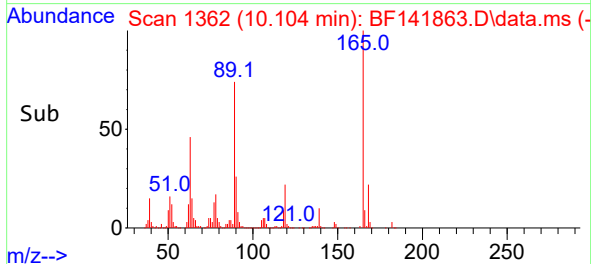
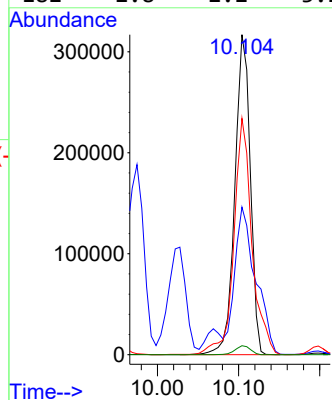
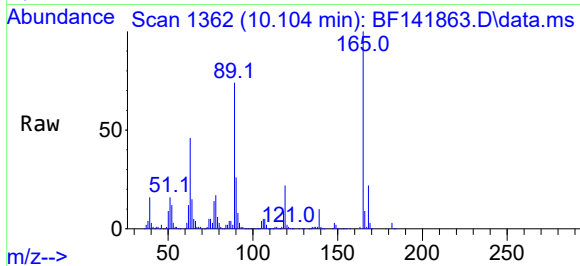




#57  
2,4-Dinitrotoluene  
Concen: 57.47 ng  
RT: 10.104 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

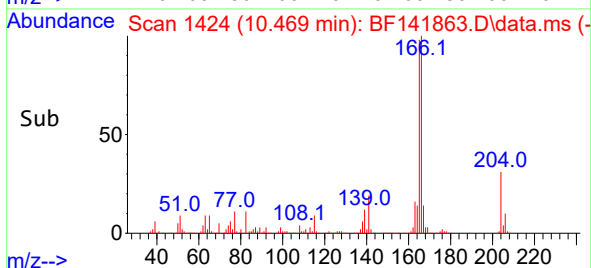
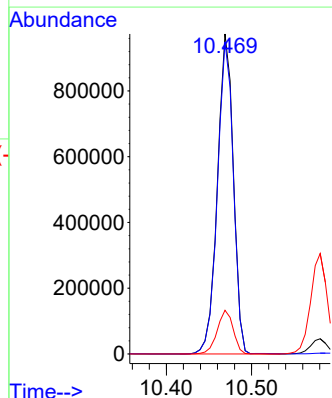
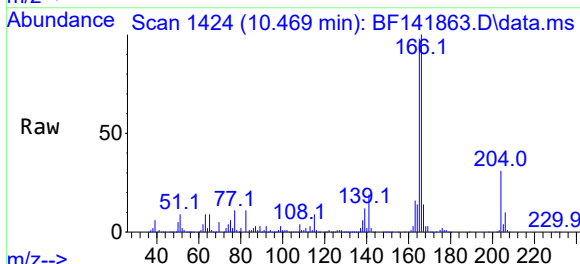
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

Tgt Ion:165 Resp: 417704  
Ion Ratio Lower Upper  
165 100  
63 46.1 38.8 58.2  
89 73.8 62.6 94.0  
182 2.8 2.2 3.2

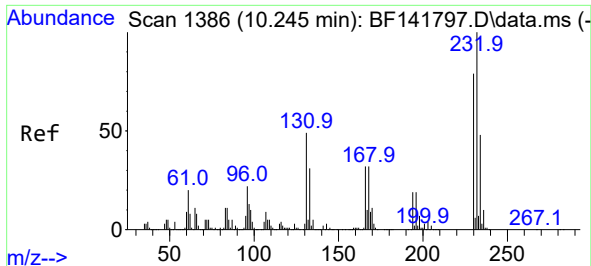


#58  
Fluorene  
Concen: 44.54 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:166 Resp: 1265412  
Ion Ratio Lower Upper  
166 100  
165 97.6 78.6 117.8  
167 13.7 11.0 16.4



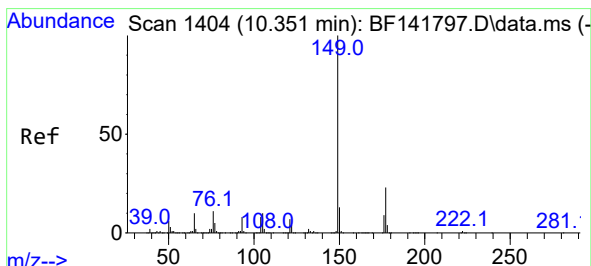
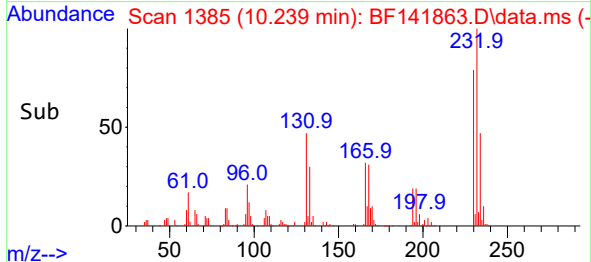
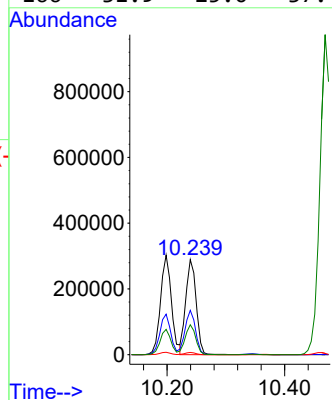
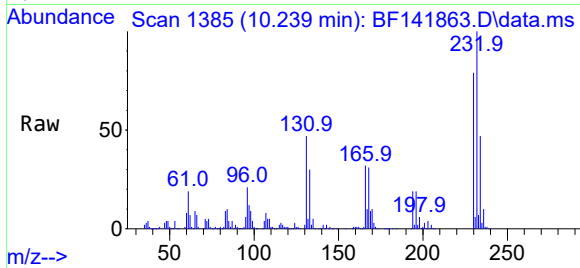




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.70 ng  
RT: 10.239 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

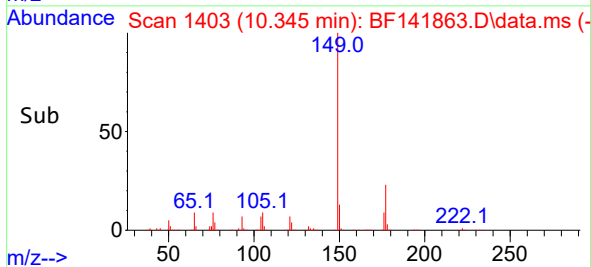
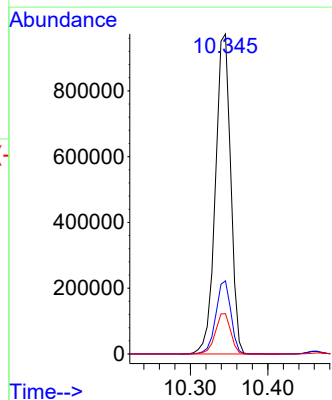
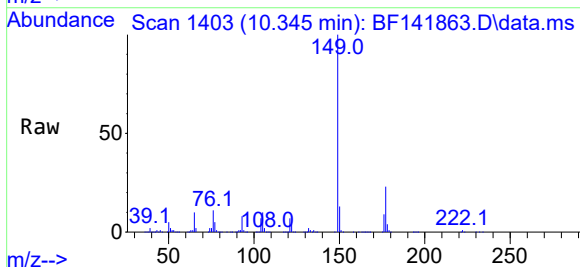
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

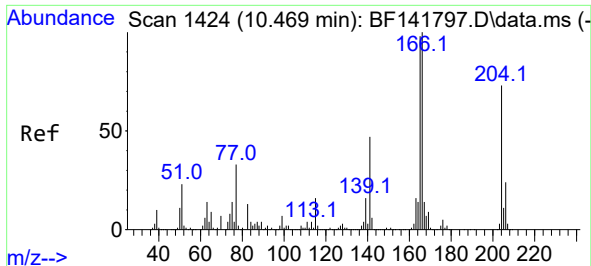
Tgt Ion:232 Resp: 358697  
Ion Ratio Lower Upper  
232 100  
131 47.2 37.8 56.8  
130 2.4 2.0 3.0  
166 31.9 25.0 37.4



#60  
Diethylphthalate  
Concen: 43.16 ng  
RT: 10.345 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:149 Resp: 1328398  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.3 27.5  
150 12.6 10.3 15.5

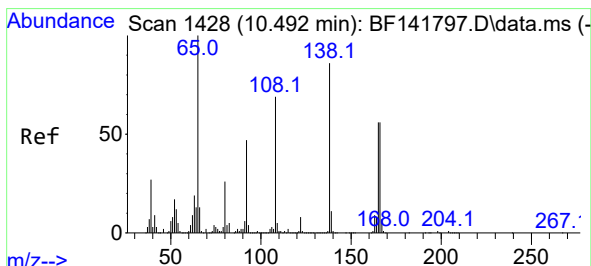
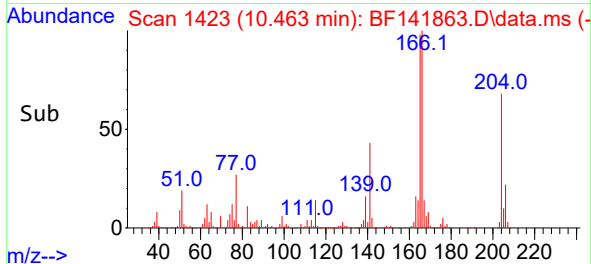
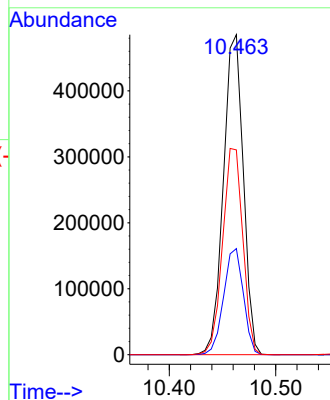
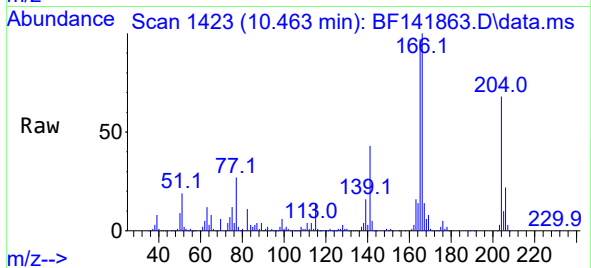




#61  
4-Chlorophenyl-phenylether  
Concen: 44.20 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

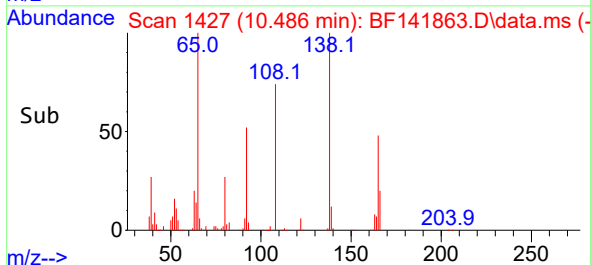
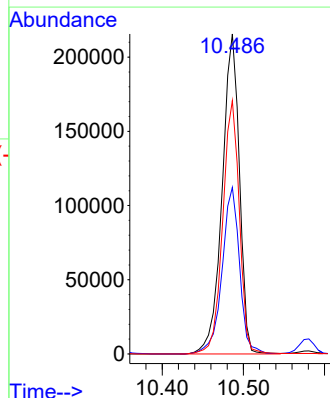
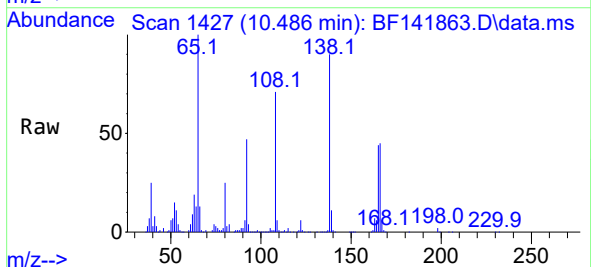
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

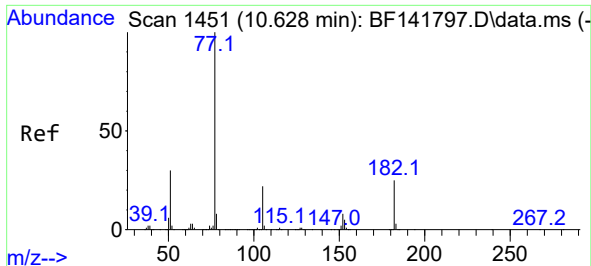
Tgt Ion:204 Resp: 629150  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.2 39.4  
141 64.0 51.7 77.5



#62  
4-Nitroaniline  
Concen: 60.96 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:138 Resp: 319616  
Ion Ratio Lower Upper  
138 100  
92 52.1 34.9 74.9  
108 79.2 59.6 99.6

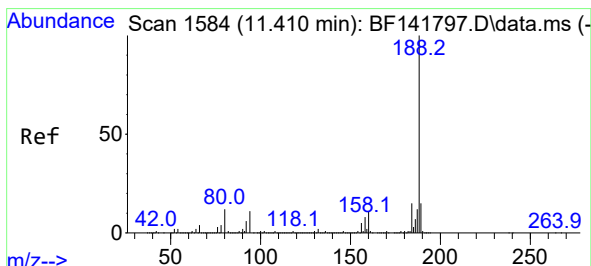
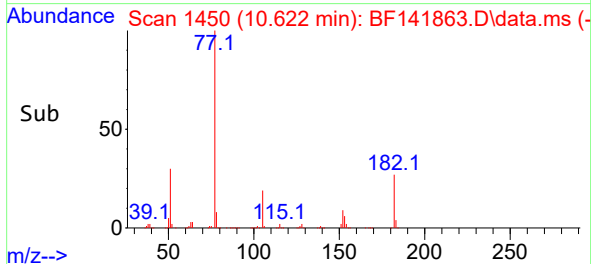
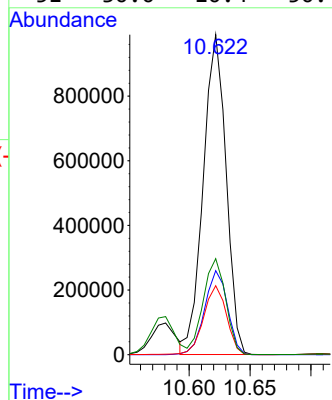
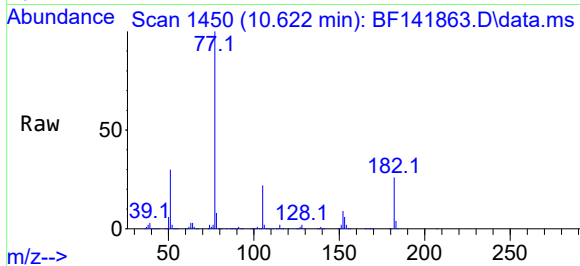




#63  
Azobenzene  
Concen: 39.81 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

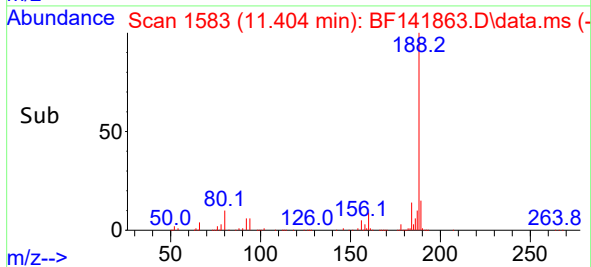
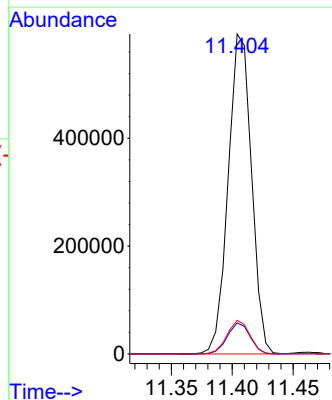
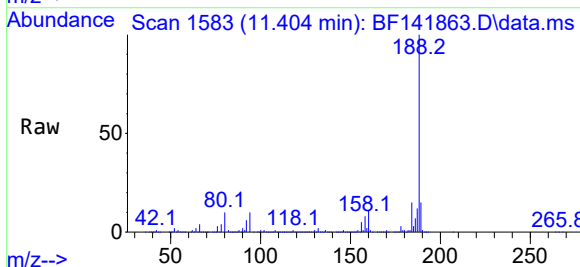
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

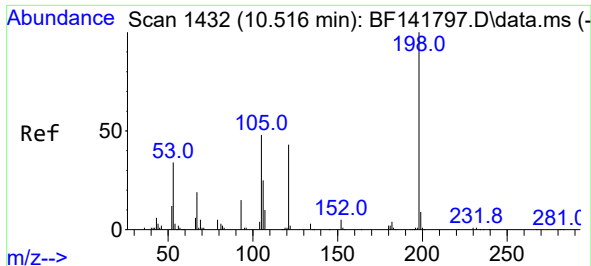
Tgt Ion: 77 Resp: 1289983  
Ion Ratio Lower Upper  
77 100  
182 26.3 4.2 44.2  
105 21.6 1.5 41.5  
51 30.0 10.4 50.4



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.404 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:188 Resp: 790298  
Ion Ratio Lower Upper  
188 100  
94 9.7 8.9 13.3  
80 10.5 9.7 14.5

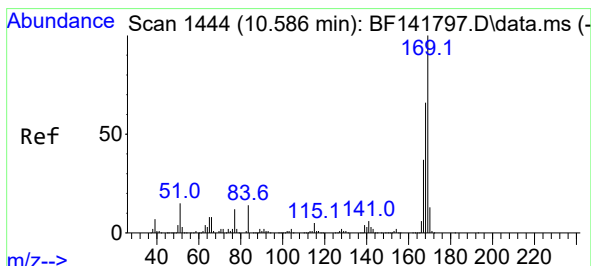
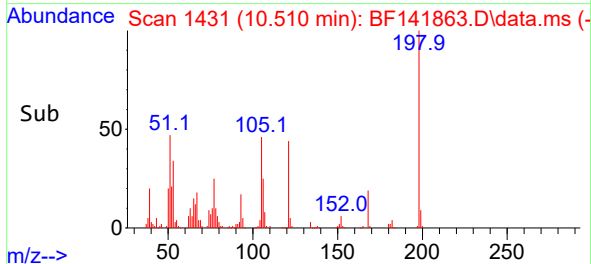
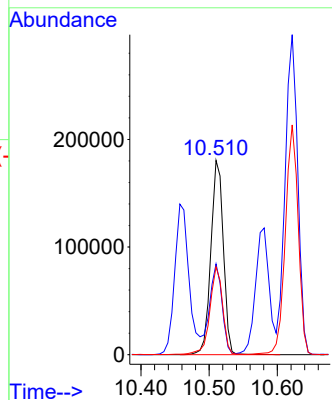
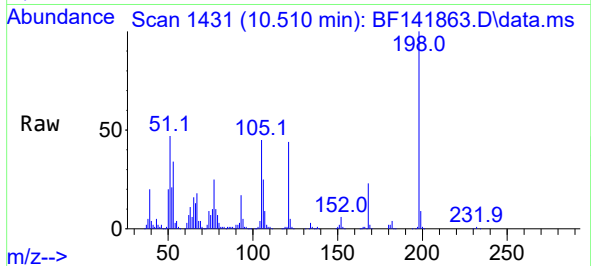




#65  
4,6-Dinitro-2-methylphenol  
Concen: 59.53 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

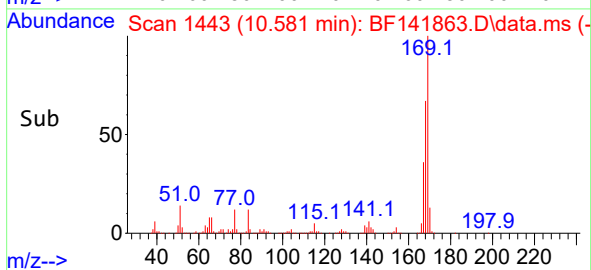
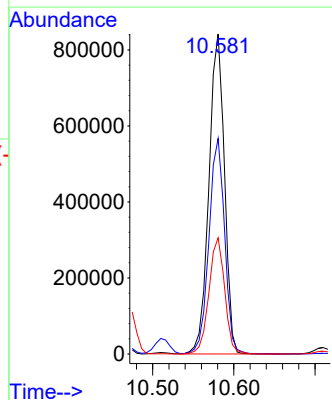
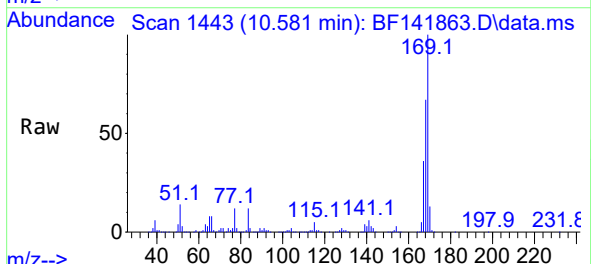
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

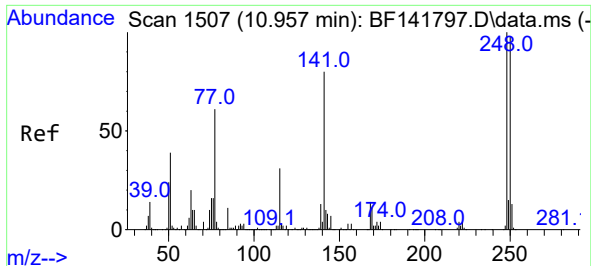
Tgt Ion:198 Resp: 230269  
Ion Ratio Lower Upper  
198 100  
51 46.7 32.1 72.1  
105 45.2 28.5 68.5



#66  
n-Nitrosodiphenylamine  
Concen: 42.99 ng  
RT: 10.581 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:169 Resp: 1115654  
Ion Ratio Lower Upper  
169 100  
168 67.4 53.0 79.6  
167 36.3 29.3 43.9

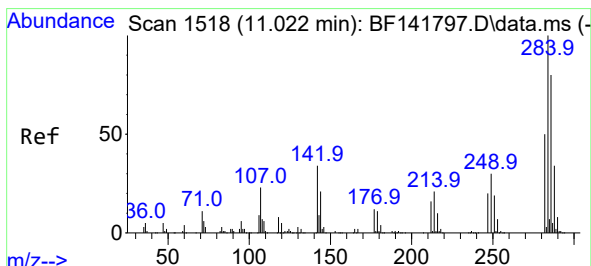
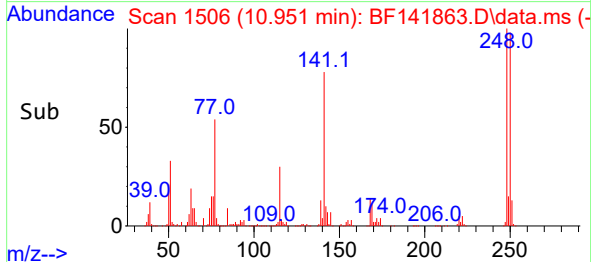
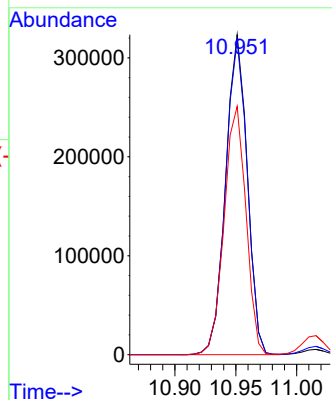
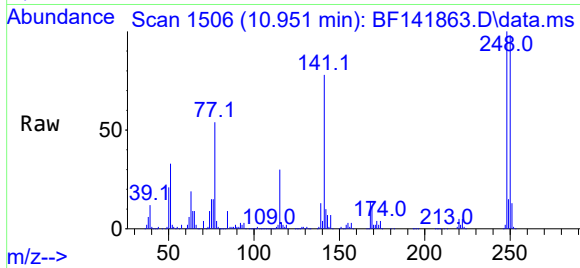




#67  
4-Bromophenyl-phenylether  
Concen: 43.43 ng  
RT: 10.951 min Scan# 1506  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

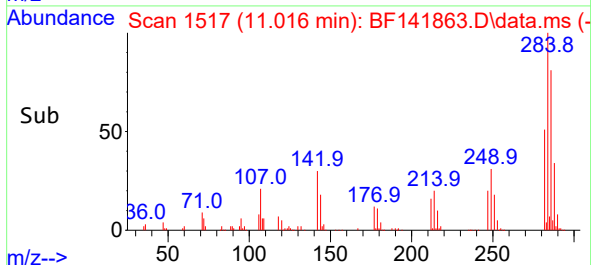
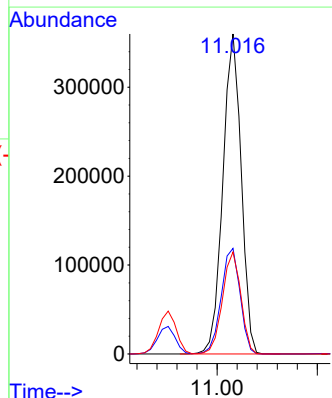
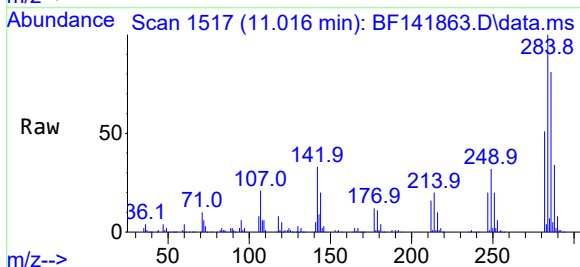
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

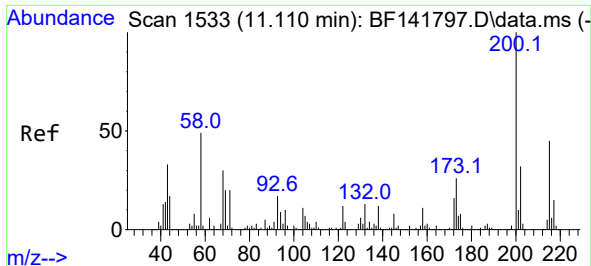
Tgt Ion:248 Resp: 400867  
Ion Ratio Lower Upper  
248 100  
250 98.4 78.1 117.1  
141 77.6 64.3 96.5



#68  
Hexachlorobenzene  
Concen: 46.75 ng  
RT: 11.016 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:284 Resp: 455692  
Ion Ratio Lower Upper  
284 100  
142 33.0 28.2 42.2  
249 31.8 25.5 38.3

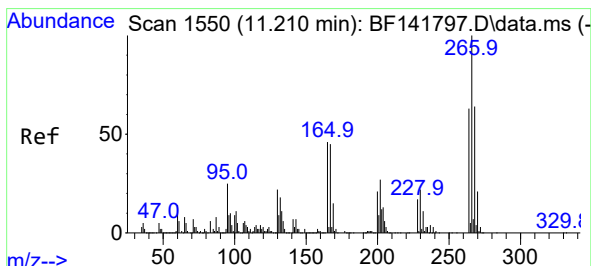
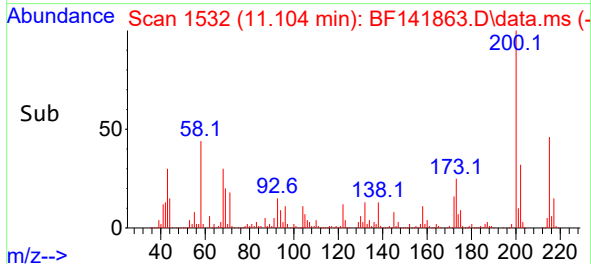
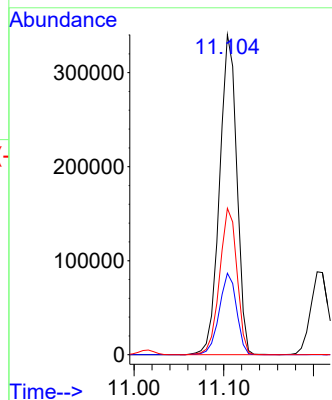
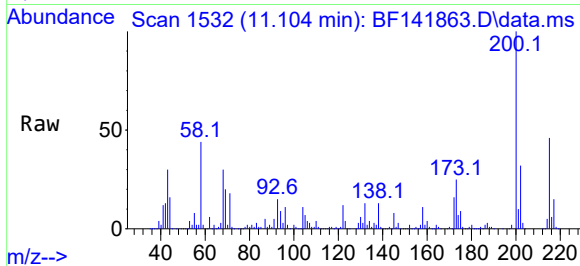




#69  
Atrazine  
Concen: 63.70 ng  
RT: 11.104 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

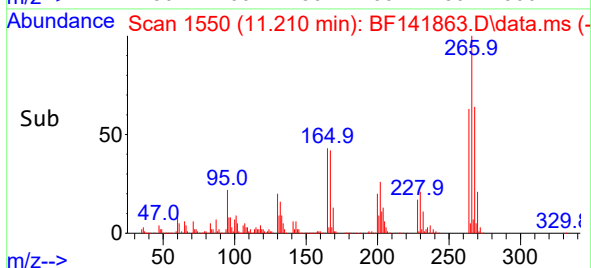
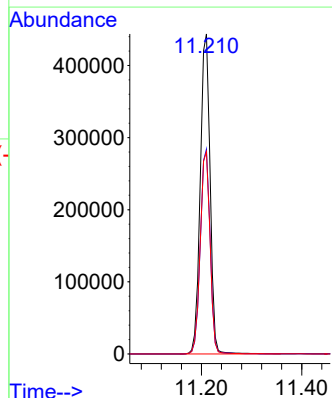
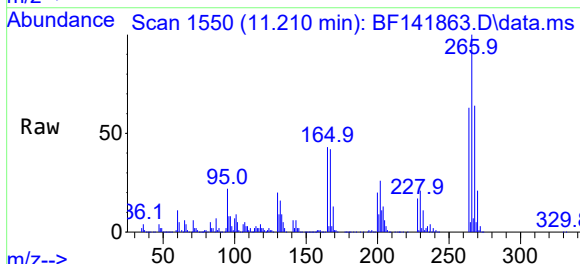
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

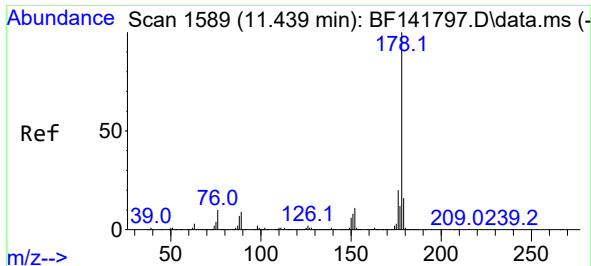
Tgt Ion:200 Resp: 454566  
Ion Ratio Lower Upper  
200 100  
173 25.5 5.6 45.6  
215 45.8 25.3 65.3



#70  
Pentachlorophenol  
Concen: 97.26 ng  
RT: 11.210 min Scan# 1550  
Delta R.T. 0.000 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:266 Resp: 601294  
Ion Ratio Lower Upper  
266 100  
268 64.0 50.9 76.3  
264 63.2 50.2 75.4

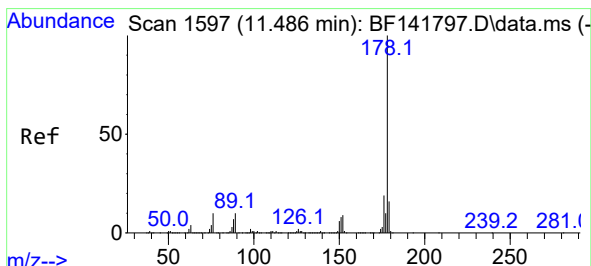
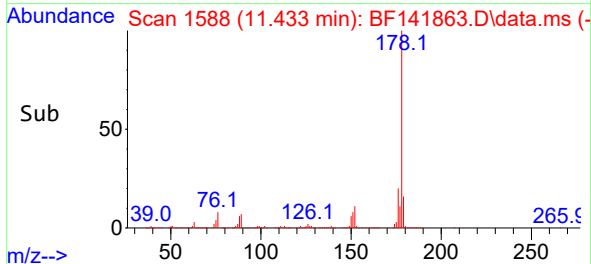
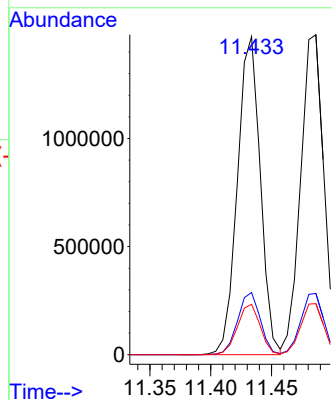
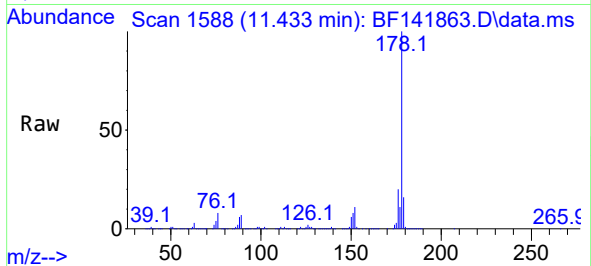




#71  
Phenanthrene  
Concen: 45.49 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

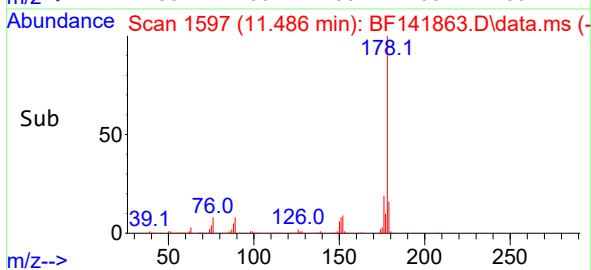
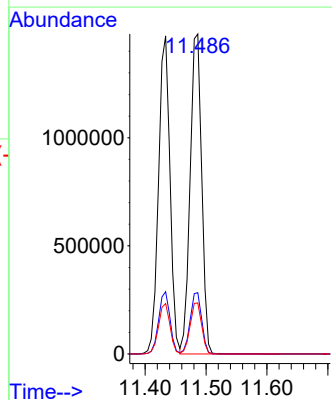
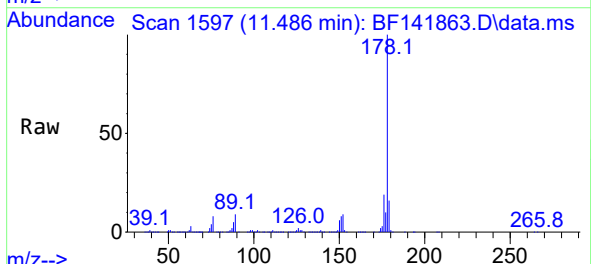
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

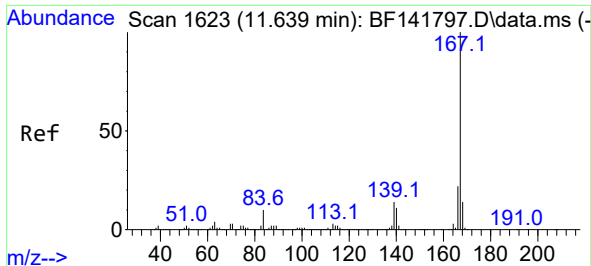
Tgt Ion:178 Resp: 1923192  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.0 24.0  
179 15.9 12.6 19.0



#72  
Anthracene  
Concen: 46.08 ng  
RT: 11.486 min Scan# 1597  
Delta R.T. 0.000 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:178 Resp: 1952460  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.0  
179 16.0 12.8 19.2

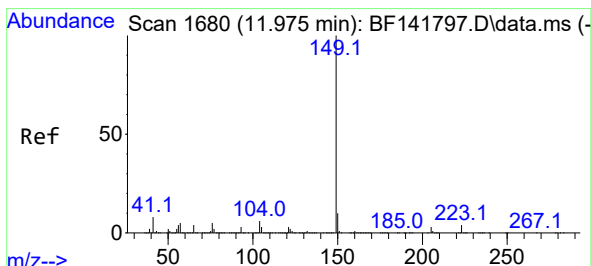
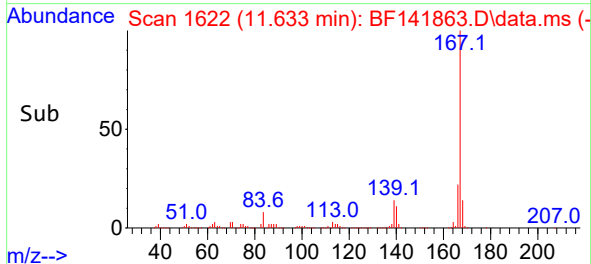
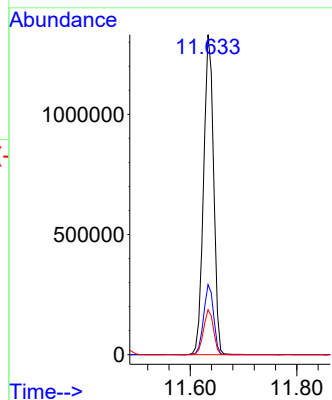
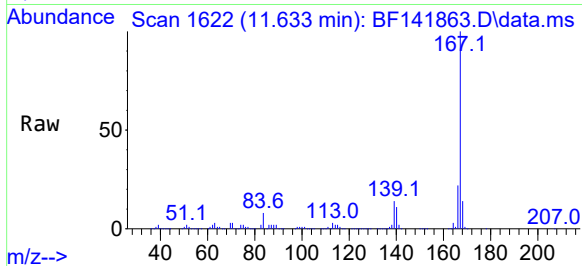




#73  
 Carbazole  
 Concen: 46.41 ng  
 RT: 11.633 min Scan# 1  
 Delta R.T. -0.006 min  
 Lab File: BF141863.D  
 Acq: 06 Mar 2025 12:21

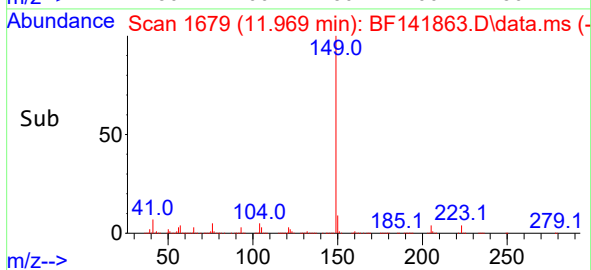
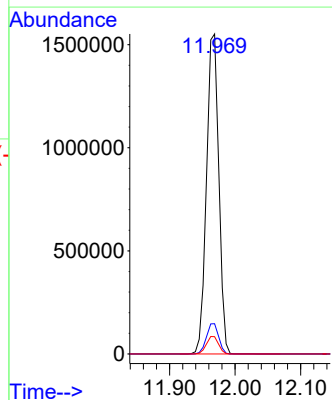
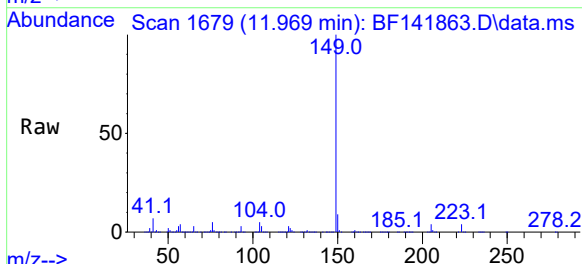
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166982BSD

Tgt Ion:167 Resp: 1736199  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.5 26.3  
 139 14.0 11.3 16.9

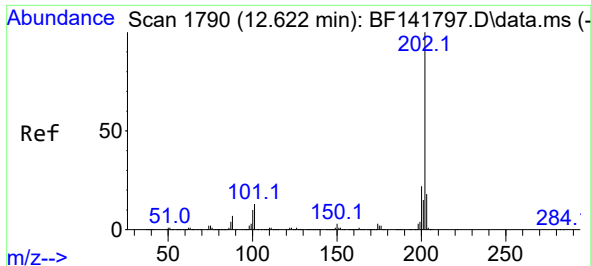


#74  
 Di-n-butylphthalate  
 Concen: 42.72 ng  
 RT: 11.969 min Scan# 1679  
 Delta R.T. -0.006 min  
 Lab File: BF141863.D  
 Acq: 06 Mar 2025 12:21

Tgt Ion:149 Resp: 2025906  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.7 11.5  
 104 5.4 4.4 6.6



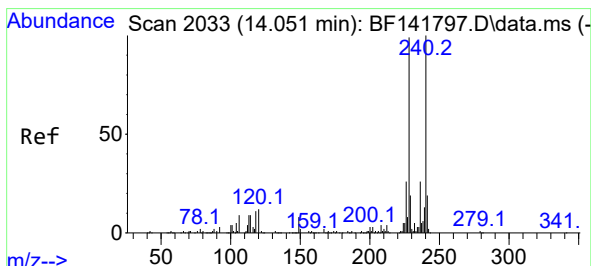
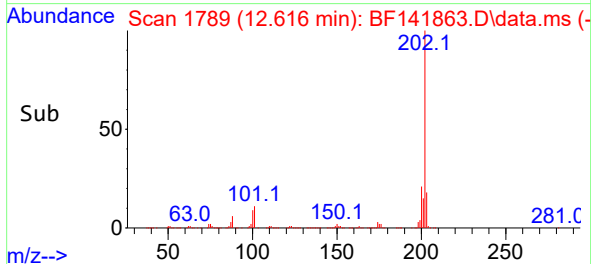
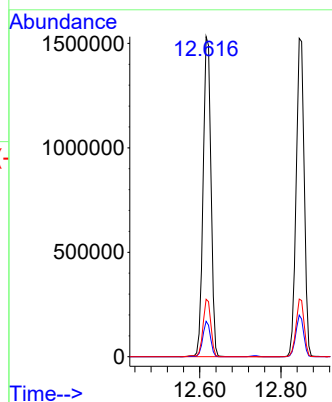
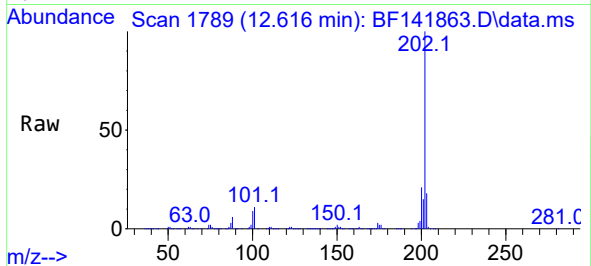




#75  
Fluoranthene  
Concen: 47.40 ng  
RT: 12.616 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

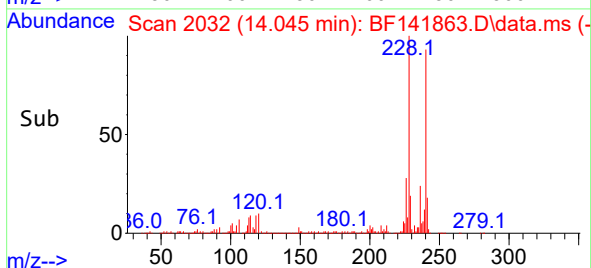
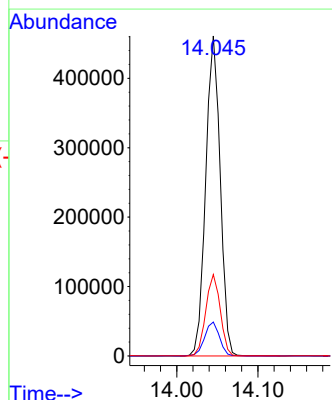
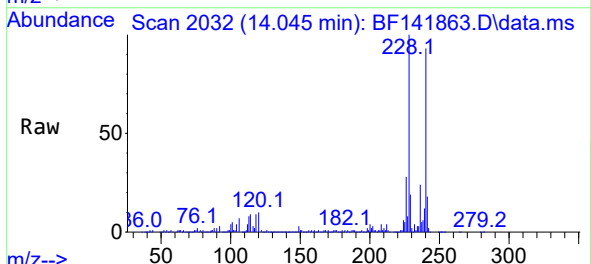
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

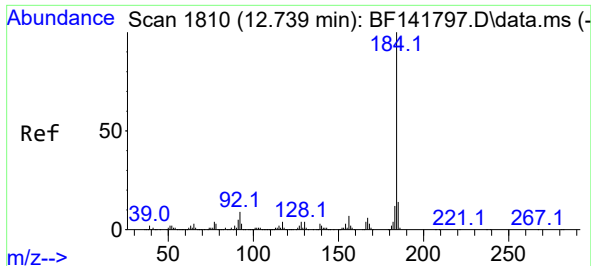
Tgt Ion:202 Resp: 2053372  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 32.8  
203 17.9 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:240 Resp: 569230  
Ion Ratio Lower Upper  
240 100  
120 10.6 9.7 14.5  
236 25.5 21.0 31.4

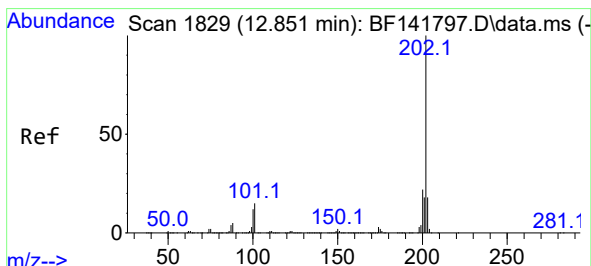
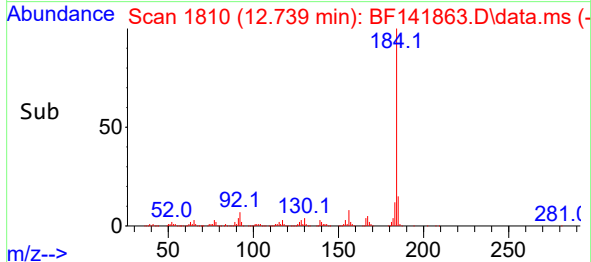
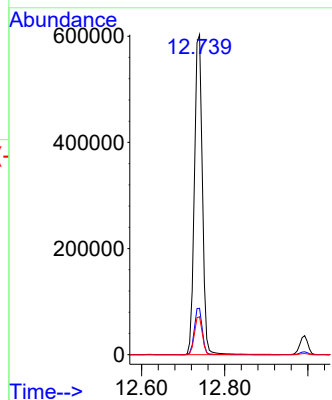
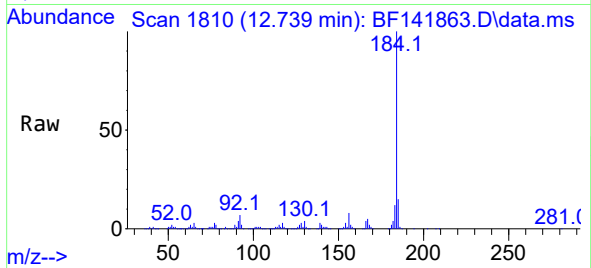




#77  
Benzidine  
Concen: 111.64 ng  
RT: 12.739 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

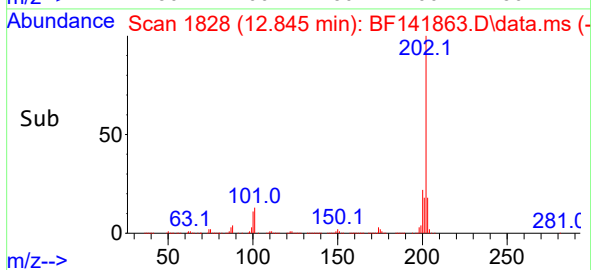
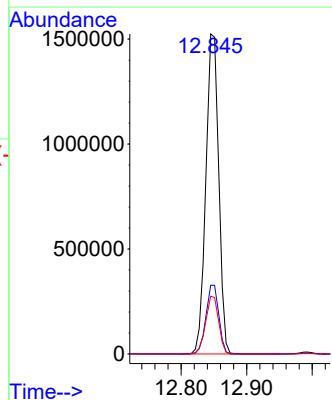
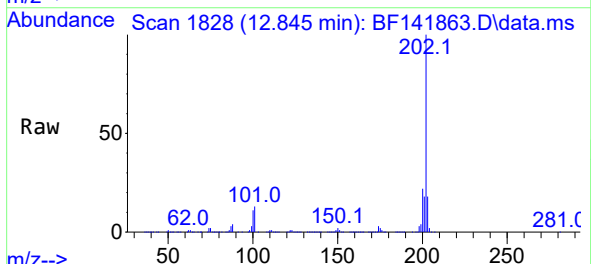
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

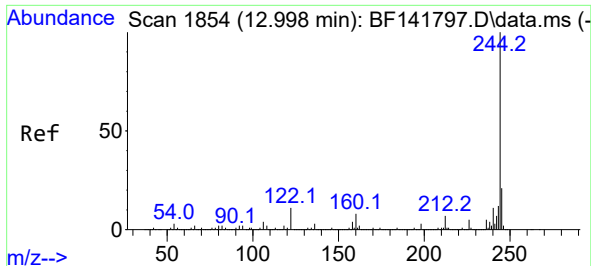
Tgt Ion:184 Resp: 799850  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.6 17.4  
183 11.9 9.4 14.0



#78  
Pyrene  
Concen: 42.31 ng  
RT: 12.845 min Scan# 1828  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:202 Resp: 2085318  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.4 26.0  
203 18.1 14.6 22.0

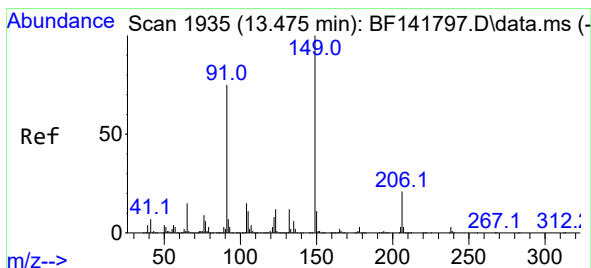
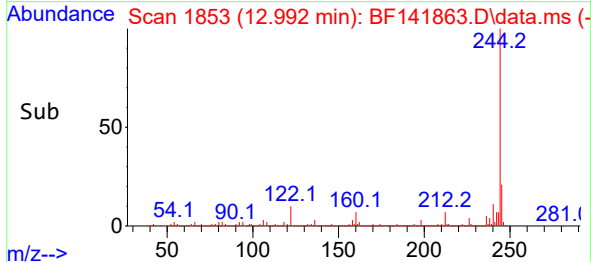
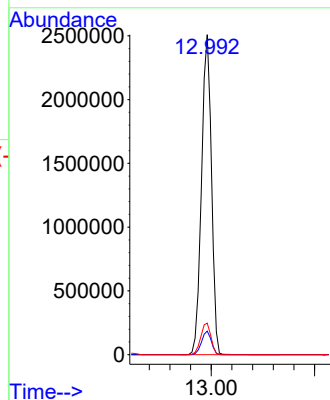
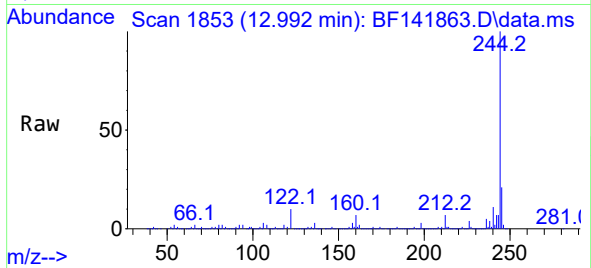




#79  
 Terphenyl-d14  
 Concen: 95.09 ng  
 RT: 12.992 min Scan# 1854  
 Delta R.T. -0.006 min  
 Lab File: BF141863.D  
 Acq: 06 Mar 2025 12:21

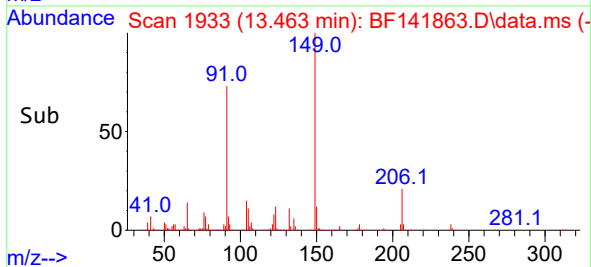
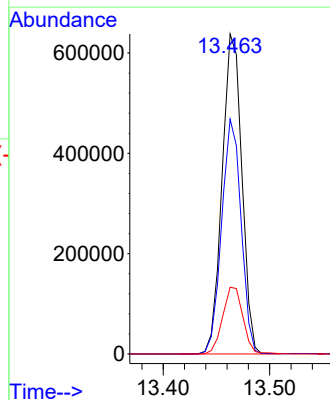
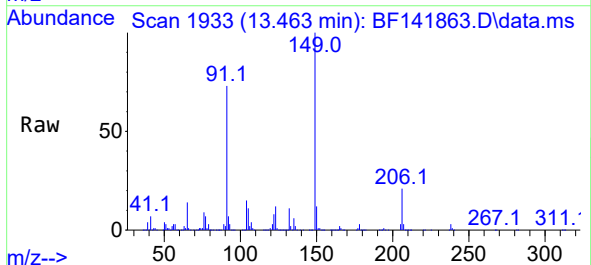
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166982BSD

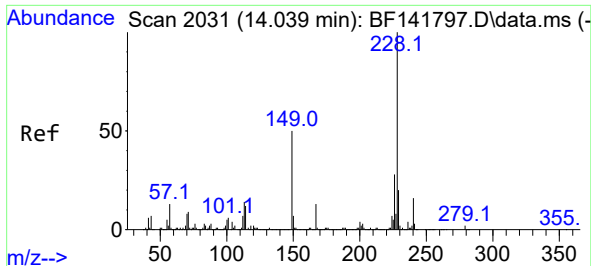
Tgt Ion:244 Resp: 3345532  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.0 9.0  
 122 9.8 9.0 13.6



#80  
 Butylbenzylphthalate  
 Concen: 45.70 ng  
 RT: 13.463 min Scan# 1933  
 Delta R.T. -0.012 min  
 Lab File: BF141863.D  
 Acq: 06 Mar 2025 12:21

Tgt Ion:149 Resp: 818517  
 Ion Ratio Lower Upper  
 149 100  
 91 73.3 60.1 90.1  
 206 20.9 16.8 25.2

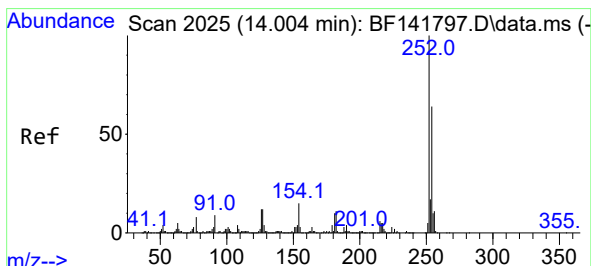
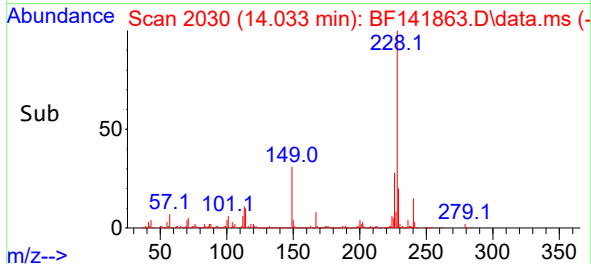
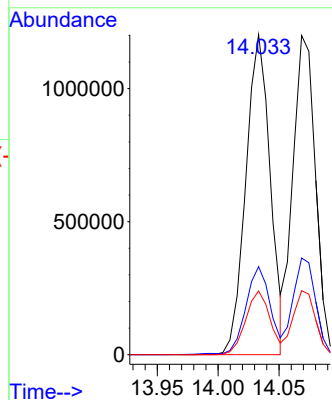
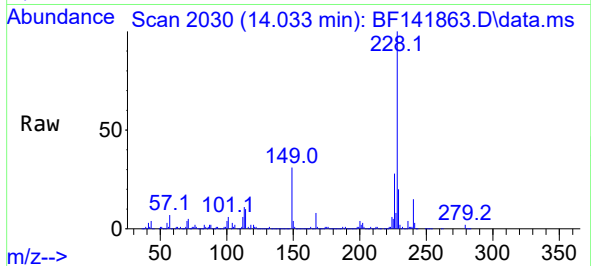




#81  
Benzo(a)anthracene  
Concen: 44.58 ng  
RT: 14.033 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

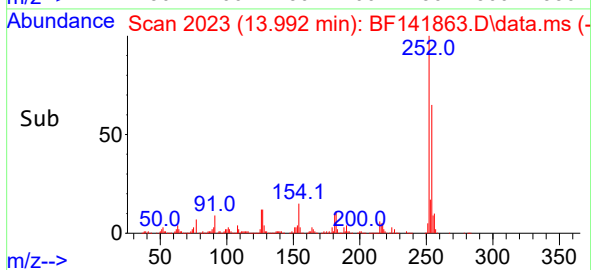
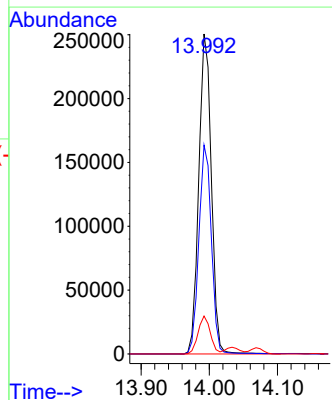
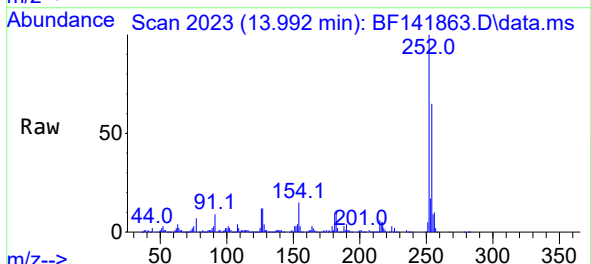
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

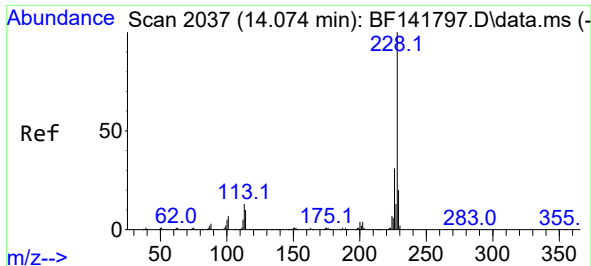
Tgt Ion:228 Resp: 1676262  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.1 33.1  
229 19.9 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 29.72 ng  
RT: 13.992 min Scan# 2023  
Delta R.T. -0.012 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:252 Resp: 320647  
Ion Ratio Lower Upper  
252 100  
254 65.2 51.4 77.0  
126 11.9 9.8 14.6

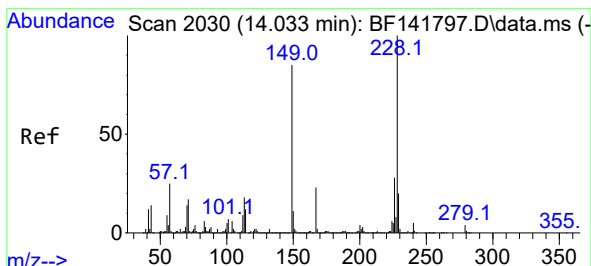
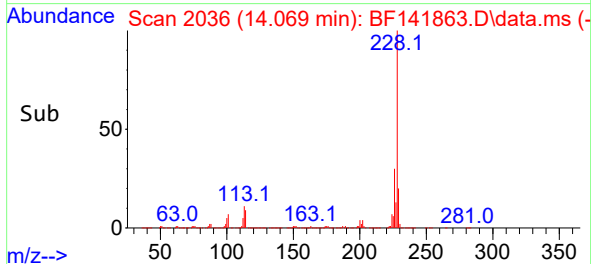
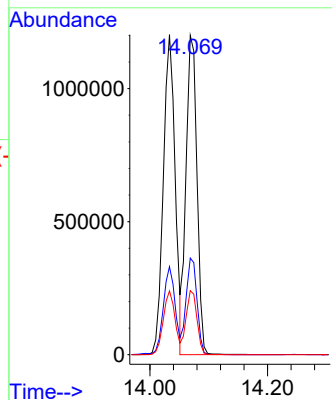
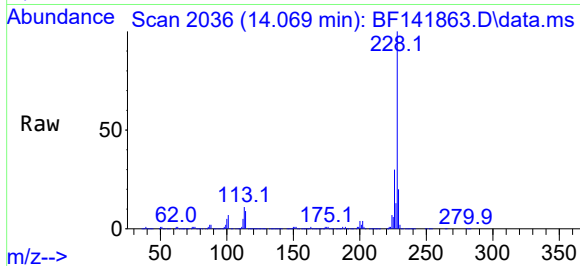




#83  
Chrysene  
Concen: 44.72 ng  
RT: 14.069 min Scan# 2036  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

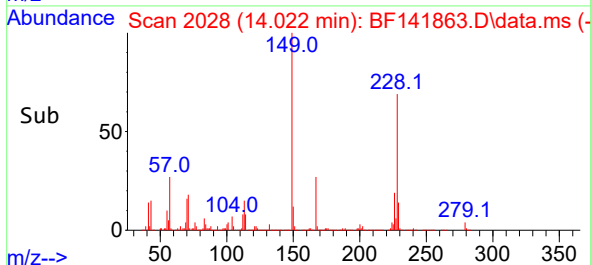
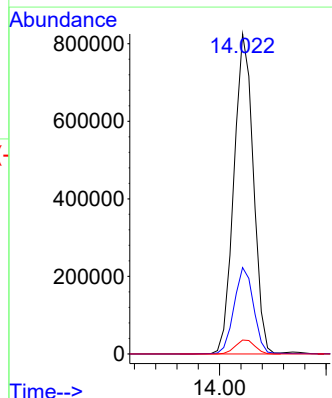
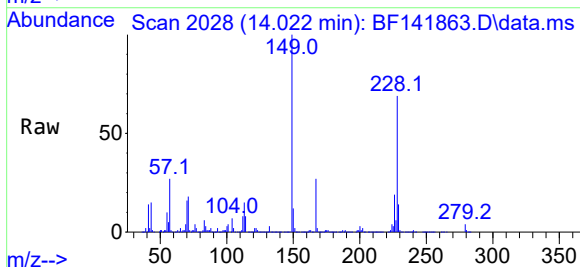
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

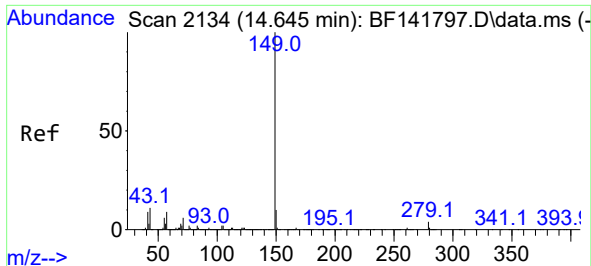
Tgt Ion:228 Resp: 1549956  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.6 37.0  
229 20.1 16.1 24.1



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.89 ng  
RT: 14.022 min Scan# 2028  
Delta R.T. -0.012 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:149 Resp: 1045650  
Ion Ratio Lower Upper  
149 100  
167 27.0 21.2 31.8  
279 4.4 3.3 4.9

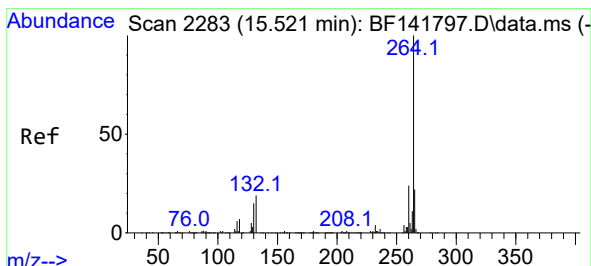
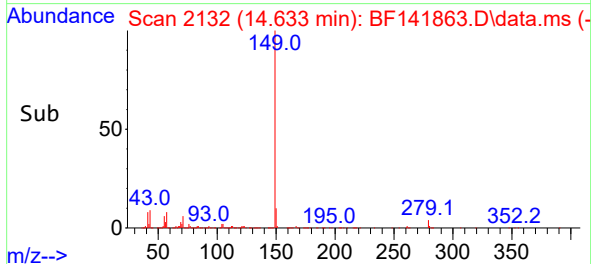
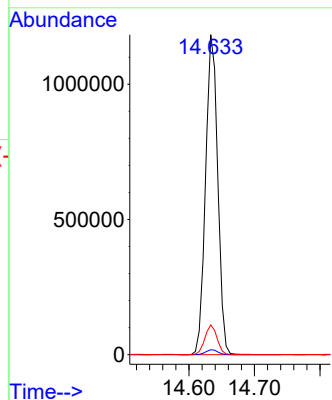
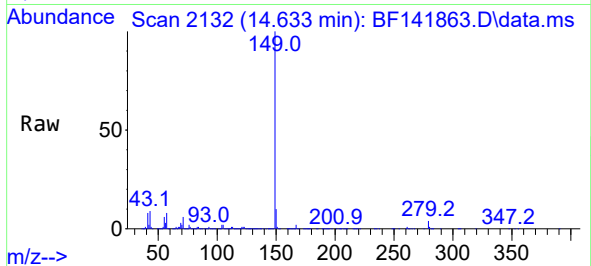




#85  
Di-n-octyl phthalate  
Concen: 45.77 ng  
RT: 14.633 min Scan# 2134  
Delta R.T. -0.012 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

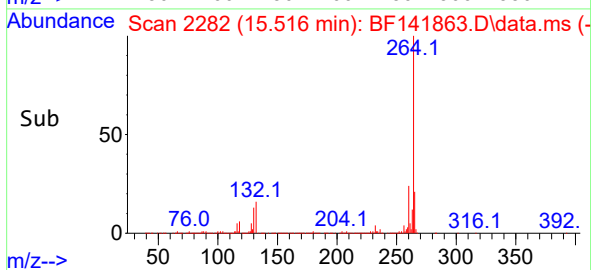
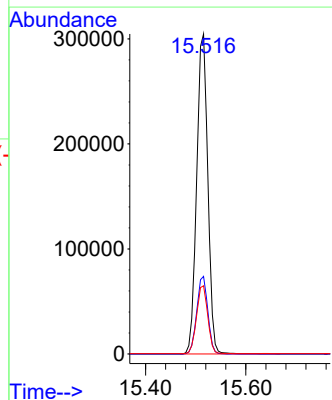
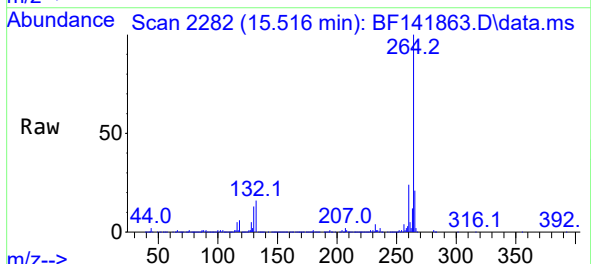
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

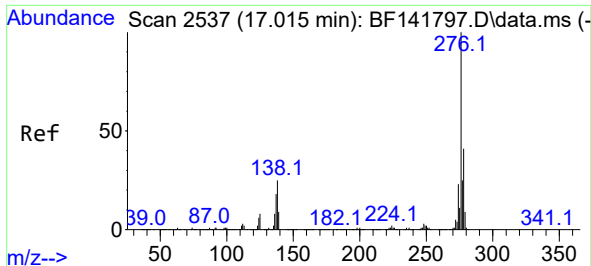
Tgt Ion:149 Resp: 1528127  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.1 8.6 12.8



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.516 min Scan# 2282  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:264 Resp: 468514  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.9 28.3  
265 21.3 17.4 26.0

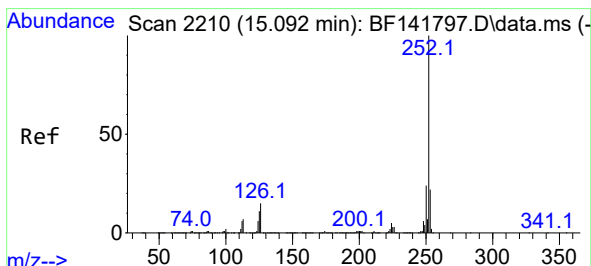
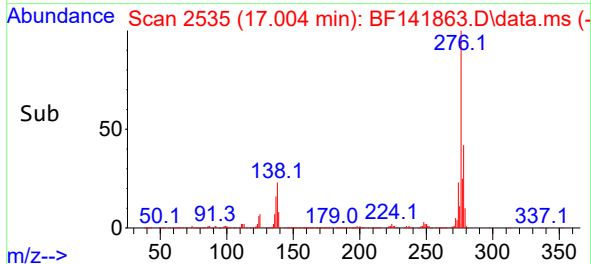
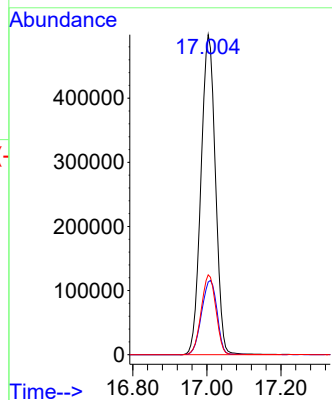
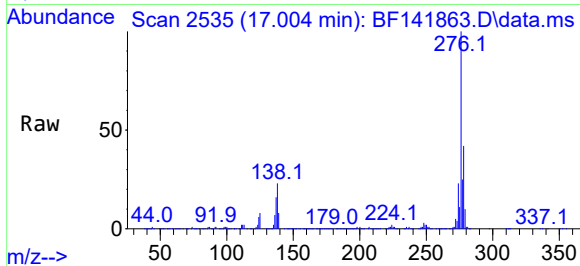




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.27 ng  
RT: 17.004 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

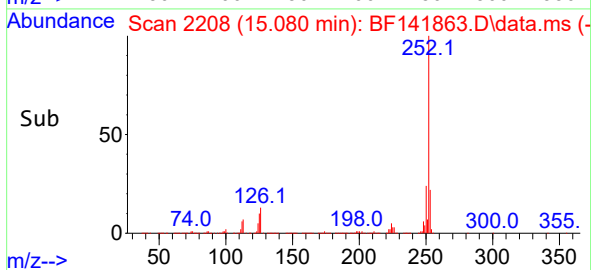
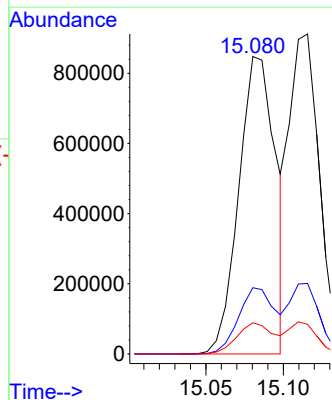
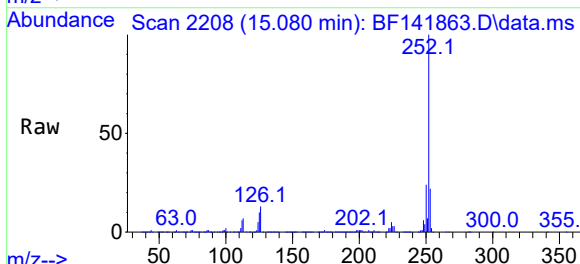
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

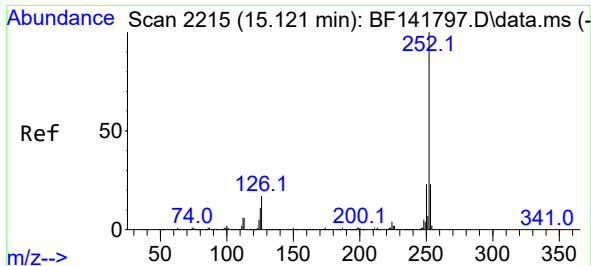
Tgt Ion:276 Resp: 1350529  
Ion Ratio Lower Upper  
276 100  
138 24.8 22.5 33.7  
277 25.4 20.3 30.5



#88  
Benzo(b)fluoranthene  
Concen: 43.96 ng  
RT: 15.080 min Scan# 2208  
Delta R.T. -0.012 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:252 Resp: 1402993  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.7 26.5  
125 10.5 8.6 13.0

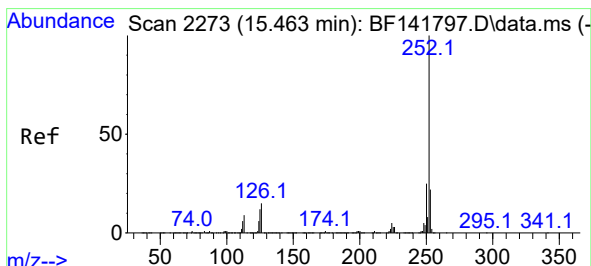
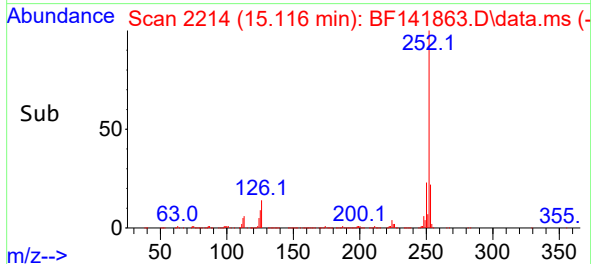
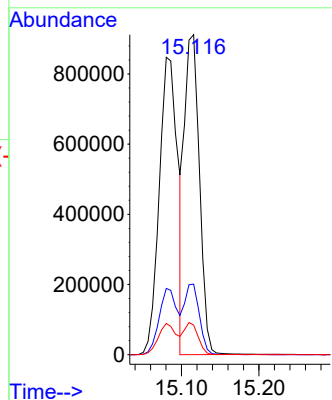
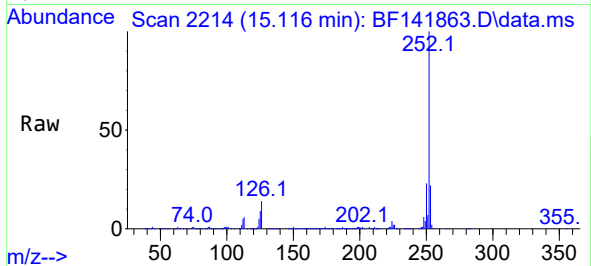




#89  
Benzo(k)fluoranthene  
Concen: 45.15 ng  
RT: 15.116 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

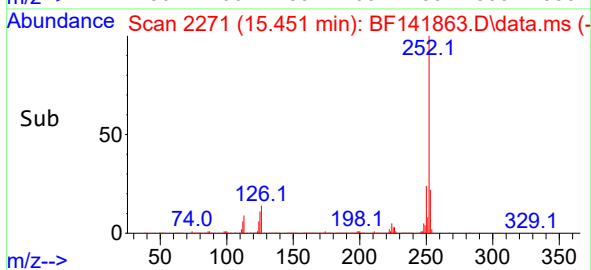
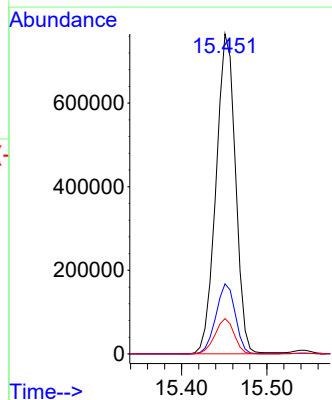
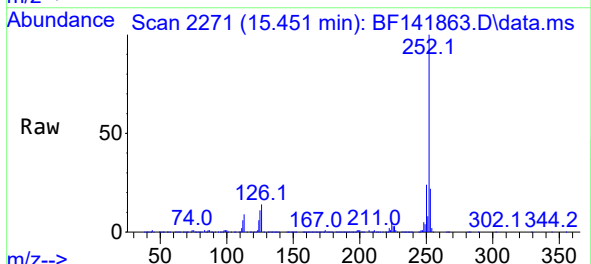
Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

Tgt Ion:252 Resp: 1224702  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 9.3 8.8 13.2

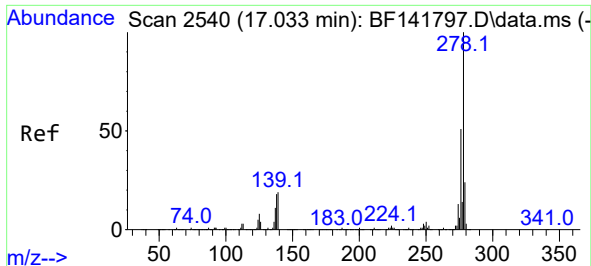


#90  
Benzo(a)pyrene  
Concen: 47.47 ng  
RT: 15.451 min Scan# 2271  
Delta R.T. -0.012 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:252 Resp: 1215083  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 11.1 9.4 14.2



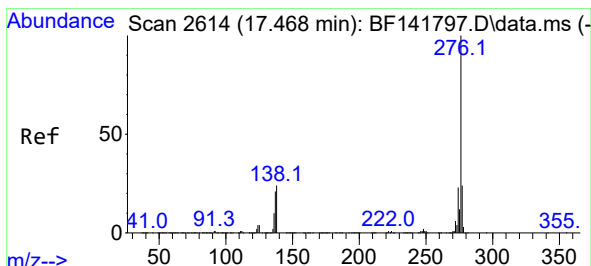
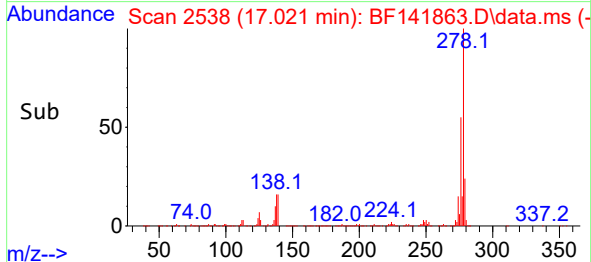
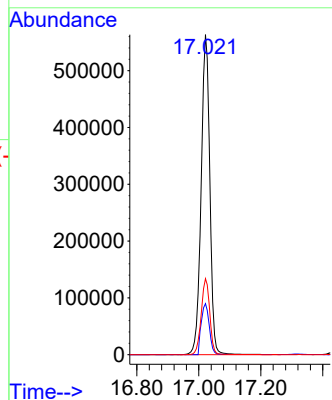
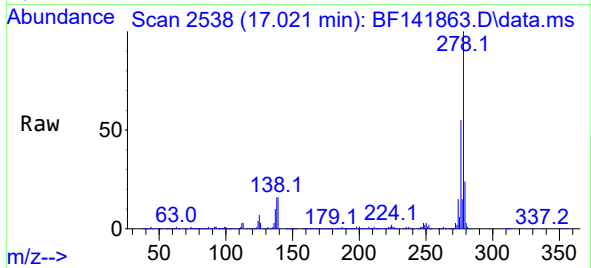




#91  
Dibenzo(a,h)anthracene  
Concen: 44.97 ng  
RT: 17.021 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB166982BSD

Tgt Ion:278 Resp: 1095175  
Ion Ratio Lower Upper  
278 100  
139 15.9 14.9 22.3  
279 23.7 19.3 28.9



#92  
Benzo(g,h,i)perylene  
Concen: 41.77 ng  
RT: 17.457 min Scan# 2612  
Delta R.T. -0.012 min  
Lab File: BF141863.D  
Acq: 06 Mar 2025 12:21

Tgt Ion:276 Resp: 1042057  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.4 29.0  
138 21.2 19.3 28.9

