

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091525\  
 Data File : BF143748.D  
 Acq On : 15 Sep 2025 12:49  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 15 13:13:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 09 15:20:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.899  | 152  | 29333    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 108964   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.934  | 164  | 61007    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.428 | 188  | 98887    | 20.000 | ng    | 0.02     |
| 76) Chrysene-d12              | 14.075 | 240  | 57586    | 20.000 | ng    | 0.03     |
| 86) Perylene-d12              | 15.557 | 264  | 53631    | 20.000 | ng    | 0.04     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.505  | 112  | 141055   | 82.044 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 168409   | 80.449 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 140912   | 80.438 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.728 | 330  | 51261    | 83.377 | ng    | 0.02     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 327081   | 80.990 | ng    | 0.01     |
| 79) Terphenyl-d14             | 13.016 | 244  | 312575   | 87.961 | ng    | 0.02     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.675  | 88   | 32607    | 42.517 | ng    | 94       |
| 3) Pyridine                   | 3.446  | 79   | 86797    | 43.813 | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.399  | 42   | 30123    | 40.029 | ng    | 95       |
| 6) Aniline                    | 6.557  | 93   | 112118   | 40.438 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.681  | 128  | 74110    | 39.912 | ng    | 94       |
| 9) Benzaldehyde               | 6.446  | 77   | 68166    | 40.359 | ng    | 100      |
| 10) Phenol                    | 6.534  | 94   | 99741    | 43.103 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.634  | 93   | 69521    | 40.226 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.840  | 146  | 83225    | 39.190 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.916  | 146  | 85022    | 39.666 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.069  | 146  | 79288    | 39.171 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 60580    | 39.783 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169  | 45   | 80446    | 35.579 | ng    | 95       |
| 17) 2-Methylphenol            | 7.140  | 107  | 60931    | 40.792 | ng    | 98       |
| 18) Hexachloroethane          | 7.410  | 117  | 27267    | 39.380 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 49880    | 38.797 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 77330    | 39.314 | ng    | # 87     |
| 22) Acetophenone              | 7.304  | 105  | 101167   | 41.109 | ng    | 99       |
| 24) Nitrobenzene              | 7.481  | 77   | 71779    | 39.516 | ng    | 99       |
| 25) Isophorone                | 7.716  | 82   | 135898   | 40.456 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.793  | 139  | 35883    | 40.178 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 62809    | 39.175 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.928  | 93   | 83485    | 40.441 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.034  | 162  | 63636    | 39.457 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.122  | 180  | 67154    | 40.191 | ng    | 99       |
| 31) Naphthalene               | 8.204  | 128  | 220665   | 40.909 | ng    | 99       |
| 32) Benzoic acid              | 7.904  | 122  | 19070    | 19.496 | ng    | 100      |
| 33) 4-Chloroaniline           | 8.245  | 127  | 76426    | 40.699 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.316  | 225  | 43296    | 39.728 | ng    | 100      |
| 35) Caprolactam               | 8.616  | 113  | 17886    | 41.668 | ng    | # 80     |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 64363    | 40.474 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.893  | 142  | 147926   | 40.062 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 142312   | 40.161 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.057  | 216  | 69855    | 39.996 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.045  | 237  | 36476    | 40.680 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 48747    | 41.798 | ng    | 99       |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

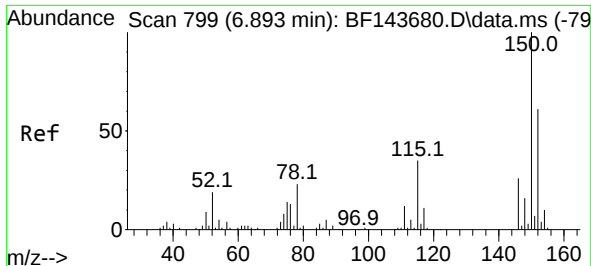
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 15 13:13:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 09 15:20:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 47751    | 40.276 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 179396   | 40.846 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.381  | 162  | 140890   | 40.919 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.475  | 65   | 36036    | 39.548 | ng    | 98       |
| 49) Acenaphthylene            | 9.798  | 152  | 200379   | 40.627 | ng    | 99       |
| 50) Dimethylphthalate         | 9.651  | 163  | 159330   | 40.141 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 31700    | 41.770 | ng    | 95       |
| 52) Acenaphthene              | 9.969  | 154  | 136856   | 40.267 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.887  | 138  | 33303    | 40.777 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.987  | 184  | 11509    | 31.812 | ng    | # 74     |
| 55) Dibenzofuran              | 10.145 | 168  | 198970   | 40.713 | ng    | 96       |
| 56) 4-Nitrophenol             | 10.034 | 139  | 27251    | 41.940 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 44120    | 42.715 | ng    | 95       |
| 58) Fluorene                  | 10.487 | 166  | 158182   | 41.349 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 39044    | 40.614 | ng    | # 99     |
| 60) Diethylphthalate          | 10.357 | 149  | 150741   | 40.451 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.481 | 204  | 80099    | 41.284 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 33656    | 43.510 | ng    | 98       |
| 63) Azobenzene                | 10.639 | 77   | 133452   | 40.508 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198  | 19418    | 38.568 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 131417   | 40.567 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 47491    | 39.825 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.034 | 284  | 50937    | 40.454 | ng    | 97       |
| 69) Atrazine                  | 11.122 | 200  | 41035    | 40.399 | ng    | 99       |
| 70) Pentachlorophenol         | 11.228 | 266  | 28601    | 37.576 | ng    | 95       |
| 71) Phenanthrene              | 11.451 | 178  | 221914   | 40.729 | ng    | 99       |
| 72) Anthracene                | 11.504 | 178  | 225427   | 41.147 | ng    | 99       |
| 73) Carbazole                 | 11.657 | 167  | 190885   | 42.544 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.986 | 149  | 225935   | 41.827 | ng    | 100      |
| 75) Fluoranthene              | 12.639 | 202  | 202611   | 40.508 | ng    | 98       |
| 77) Benzidine                 | 12.763 | 184  | 69691    | 37.112 | ng    | 99       |
| 78) Pyrene                    | 12.875 | 202  | 207642   | 45.098 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 65271    | 45.245 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.063 | 228  | 153012   | 41.302 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.022 | 252  | 41610    | 36.508 | ng    | 98       |
| 83) Chrysene                  | 14.098 | 228  | 133999   | 39.492 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 81465    | 39.579 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.663 | 149  | 124732   | 33.817 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.063 | 276  | 155299   | 42.429 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.116 | 252  | 131172   | 41.087 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 116589   | 40.464 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.492 | 252  | 113699   | 40.538 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.080 | 278  | 128850   | 42.430 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.521 | 276  | 122444   | 43.107 | ng    | 98       |

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

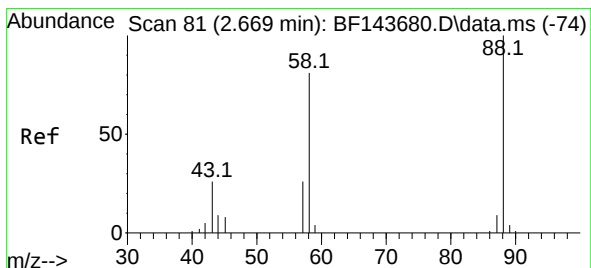
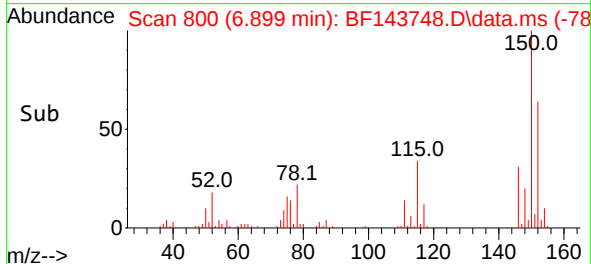
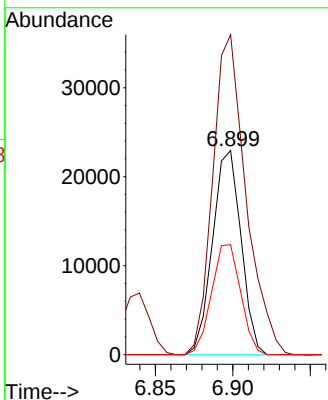
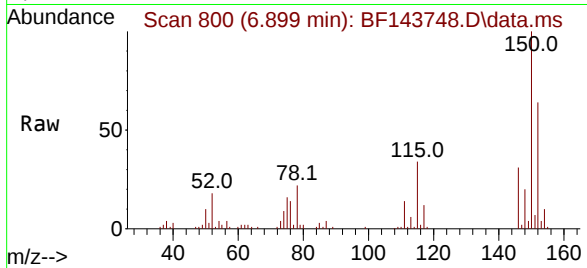




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.899 min Scan# 80  
 Delta R.T. 0.006 min  
 Lab File: BF143748.D  
 Acq: 15 Sep 2025 12:49

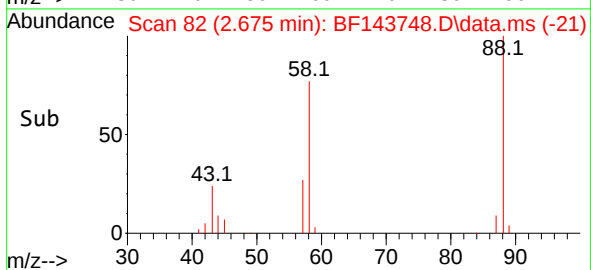
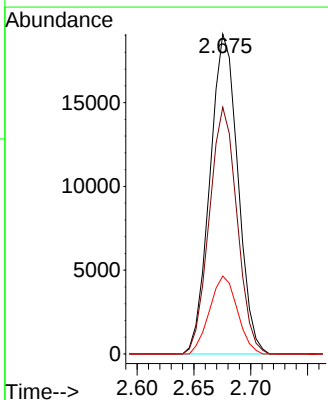
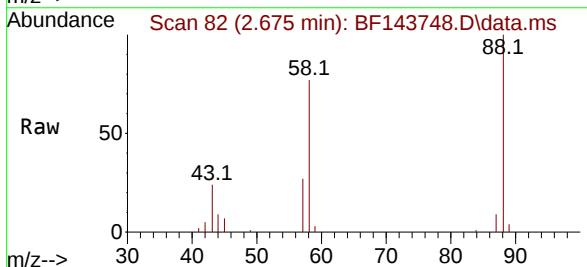
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

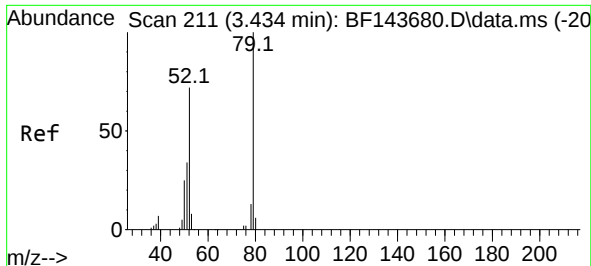
Tgt Ion:152 Resp: 29333  
 Ion Ratio Lower Upper  
 152 100  
 150 156.7 130.7 196.1  
 115 53.8 45.9 68.9



#2  
 1,4-Dioxane  
 Concen: 42.517 ng  
 RT: 2.675 min Scan# 82  
 Delta R.T. 0.006 min  
 Lab File: BF143748.D  
 Acq: 15 Sep 2025 12:49

Tgt Ion: 88 Resp: 32607  
 Ion Ratio Lower Upper  
 88 100  
 58 76.4 65.8 98.6  
 43 24.2 20.6 31.0

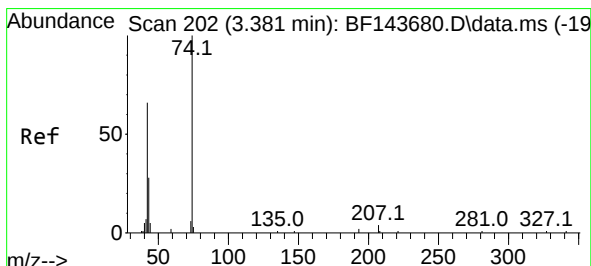
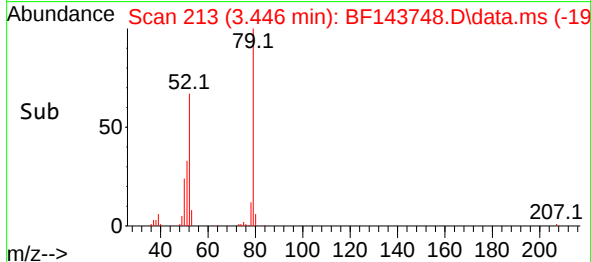
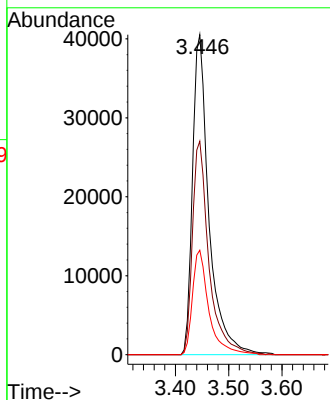
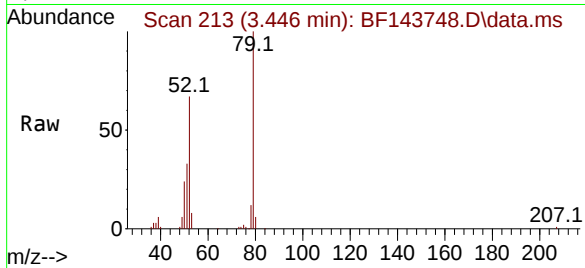




#3  
Pyridine  
Concen: 43.813 ng  
RT: 3.446 min Scan# 211  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

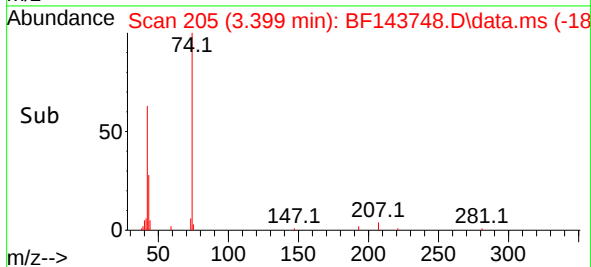
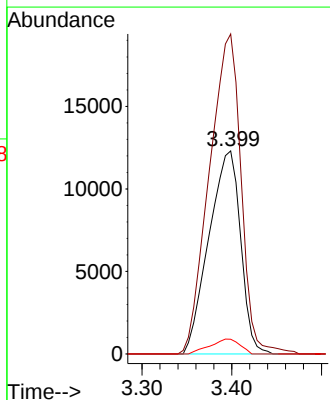
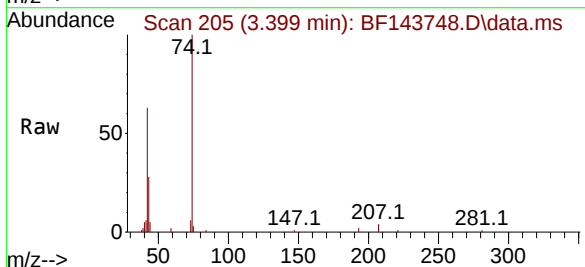
Instrument :  
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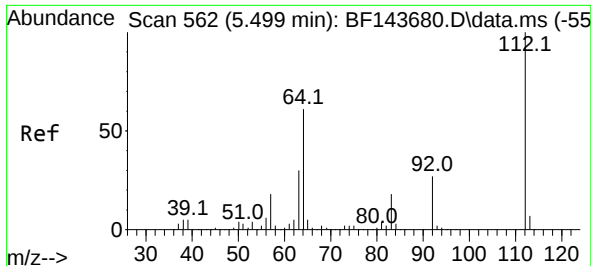
Tgt Ion: 79 Resp: 86797  
Ion Ratio Lower Upper  
79 100  
52 66.7 57.2 85.8  
51 32.6 27.0 40.6



#4  
n-Nitrosodimethylamine  
Concen: 40.029 ng  
RT: 3.399 min Scan# 205  
Delta R.T. 0.018 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion: 42 Resp: 30123  
Ion Ratio Lower Upper  
42 100  
74 157.6 120.9 181.3  
44 7.2 6.5 9.7

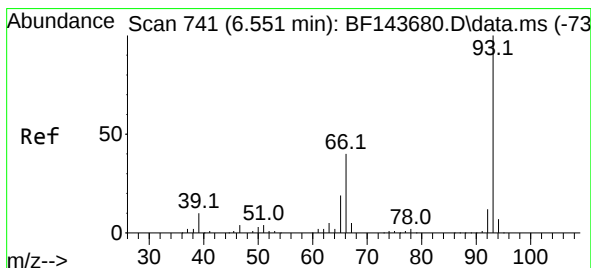
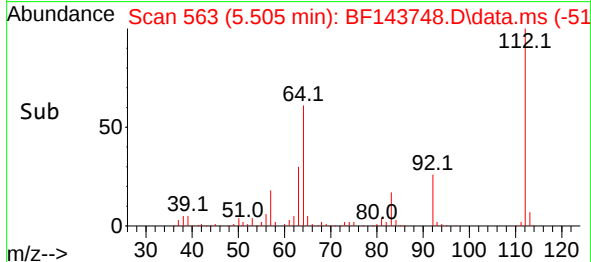
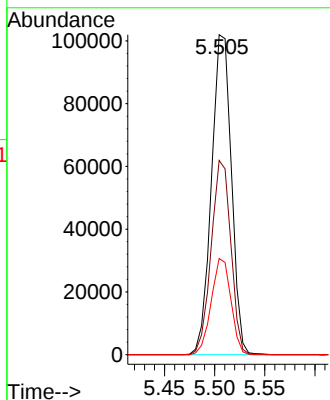
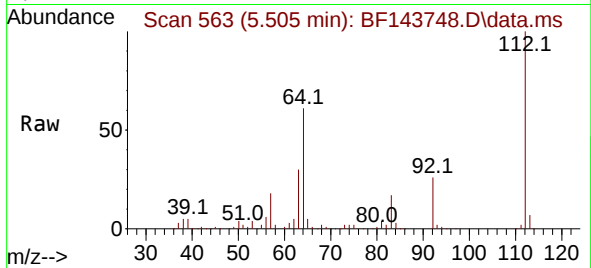




#5  
2-Fluorophenol  
Concen: 82.044 ng  
RT: 5.505 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

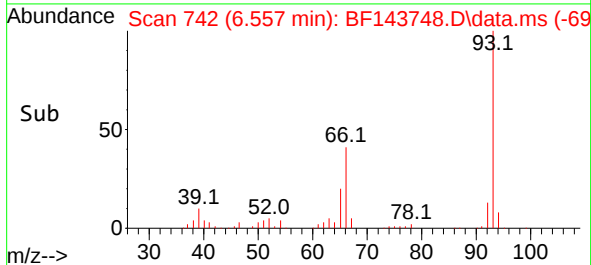
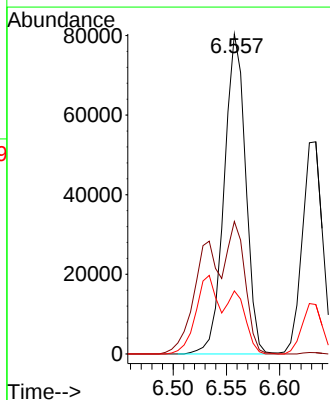
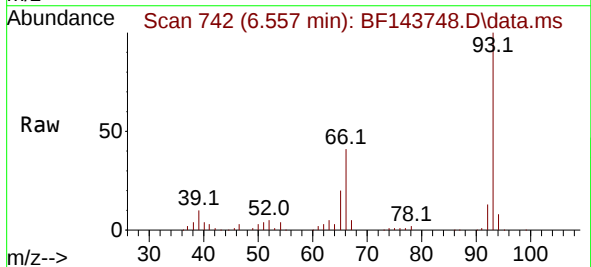
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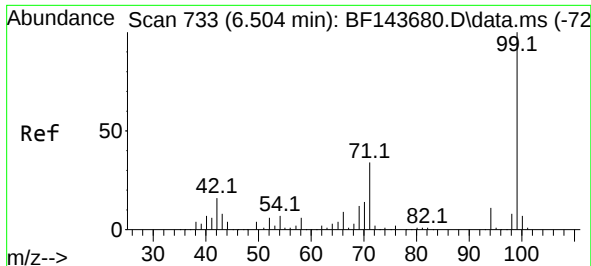
Tgt Ion:112 Resp: 141055  
Ion Ratio Lower Upper  
112 100  
64 60.7 49.0 73.4  
63 30.1 24.3 36.5



#6  
Aniline  
Concen: 40.438 ng  
RT: 6.557 min Scan# 742  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion: 93 Resp: 112118  
Ion Ratio Lower Upper  
93 100  
66 41.4 34.1 51.1  
65 19.7 16.1 24.1

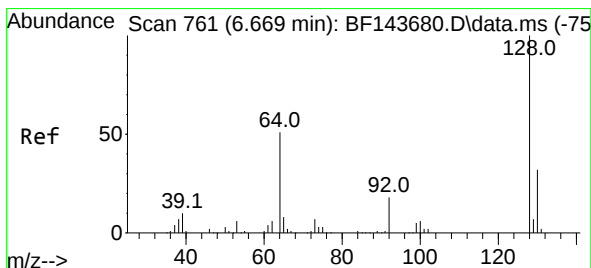
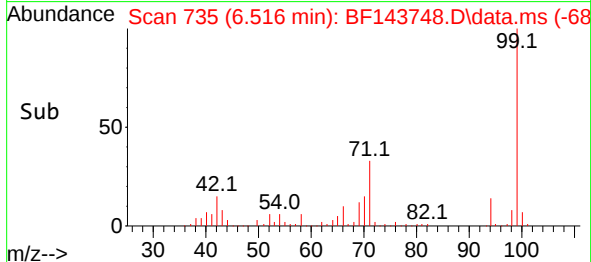
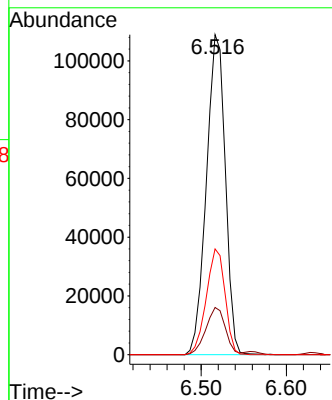
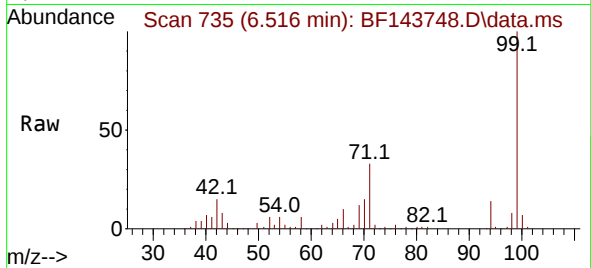




#7  
Phenol-d6  
Concen: 80.449 ng  
RT: 6.516 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

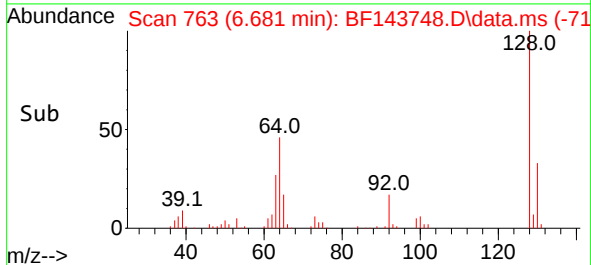
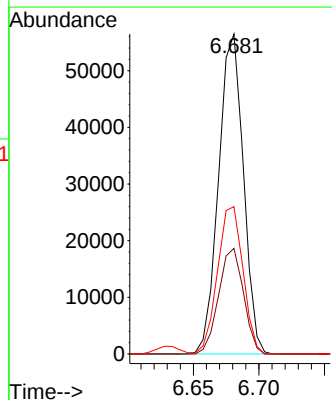
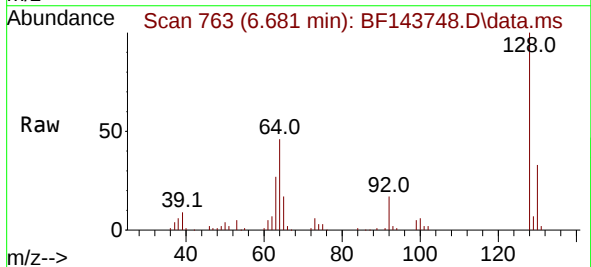
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

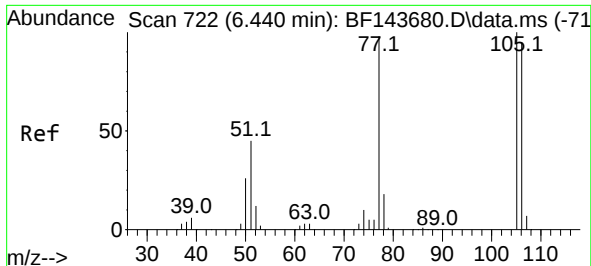
Tgt Ion: 99 Resp: 168409  
Ion Ratio Lower Upper  
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42 14.7 13.0 19.4  
71 33.1 27.4 41.2



#8  
2-Chlorophenol  
Concen: 39.912 ng  
RT: 6.681 min Scan# 763  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:128 Resp: 74110  
Ion Ratio Lower Upper  
128 100  
130 33.0 12.0 52.0  
64 46.1 31.9 71.9





#9

Benzaldehyde

Concen: 40.359 ng

RT: 6.446 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

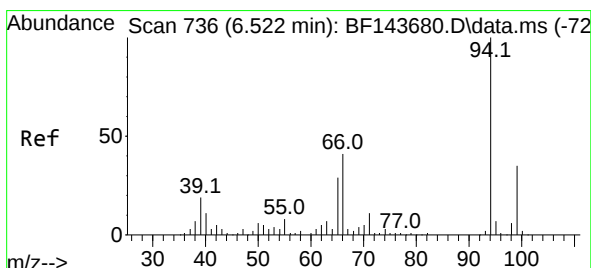
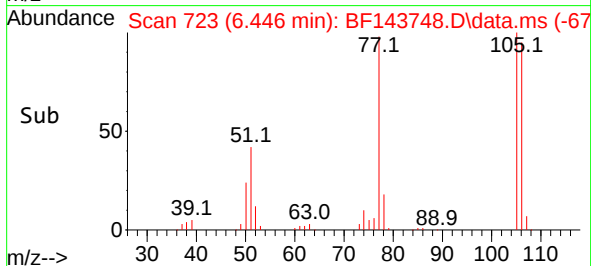
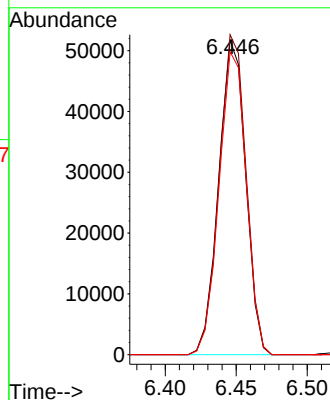
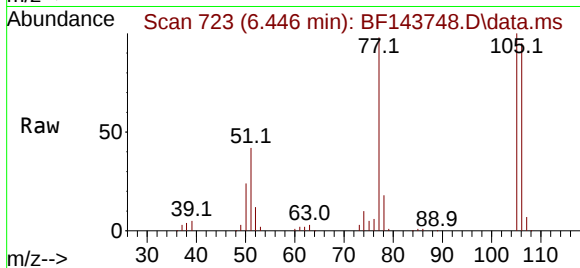
Tgt Ion: 77 Resp: 68166

Ion Ratio Lower Upper

77 100

105 101.7 81.7 121.7

106 96.3 76.9 116.9



#10

Phenol

Concen: 43.103 ng

RT: 6.534 min Scan# 738

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

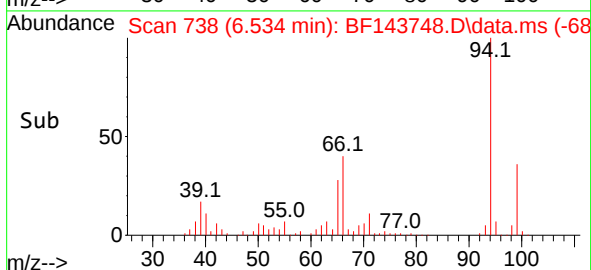
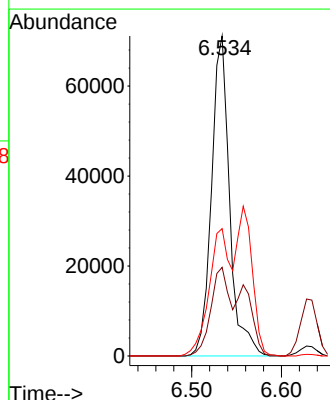
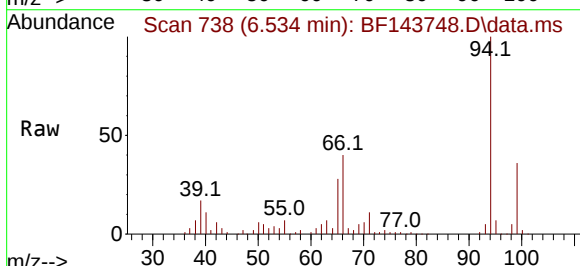
Tgt Ion: 94 Resp: 99741

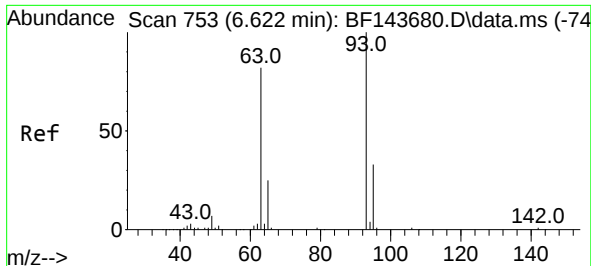
Ion Ratio Lower Upper

94 100

65 27.7 9.1 49.1

66 39.8 20.8 60.8

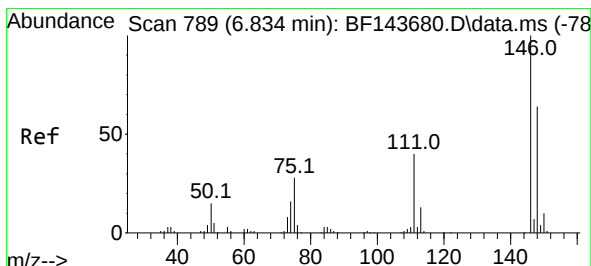
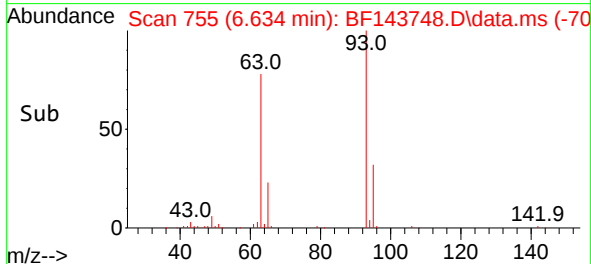
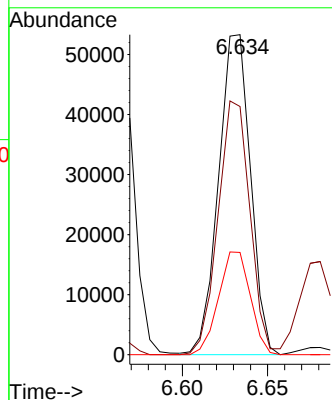
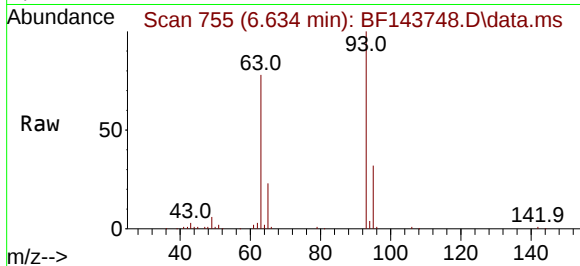




#11  
bis(2-Chloroethyl)ether  
Concen: 40.226 ng  
RT: 6.634 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

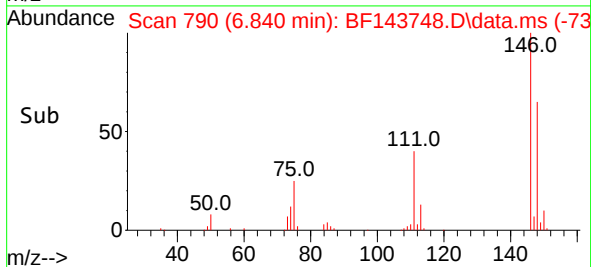
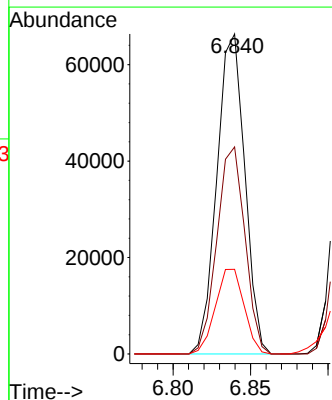
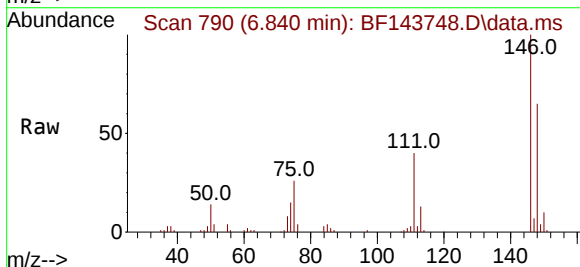
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

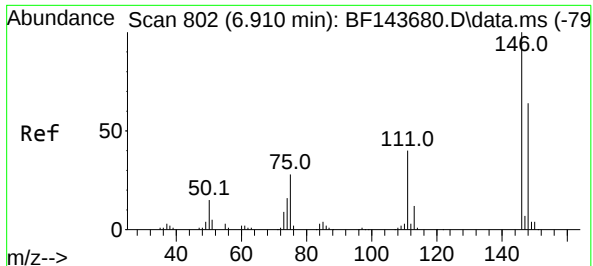
Tgt Ion: 93 Resp: 69521  
Ion Ratio Lower Upper  
93 100  
63 77.6 61.8 101.8  
95 32.0 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 39.190 ng  
RT: 6.840 min Scan# 790  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:146 Resp: 83225  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.0 76.4  
75 26.4 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 39.666 ng

RT: 6.916 min Scan# 802

Delta R.T. 0.006 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

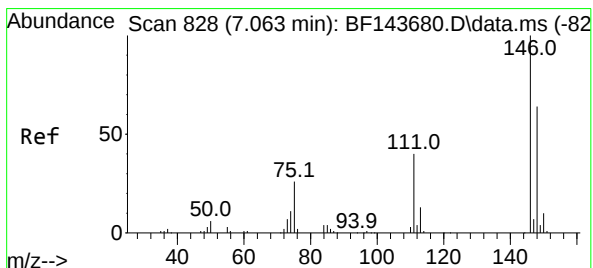
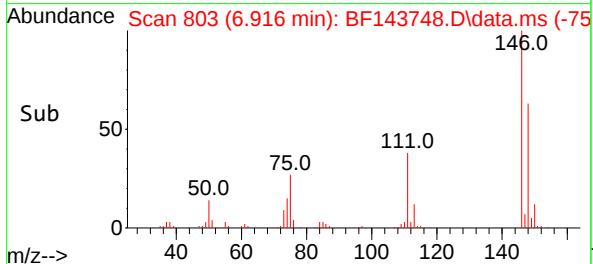
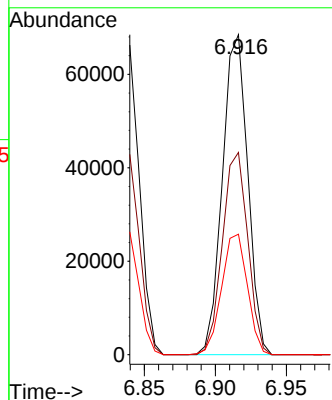
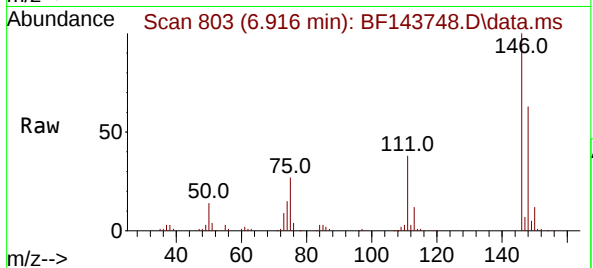
Tgt Ion:146 Resp: 85022

Ion Ratio Lower Upper

146 100

148 63.2 51.2 76.8

111 37.7 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 39.171 ng

RT: 7.069 min Scan# 829

Delta R.T. 0.006 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

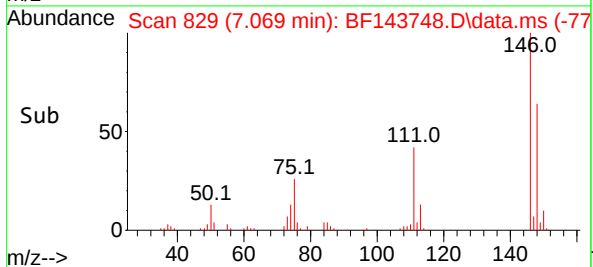
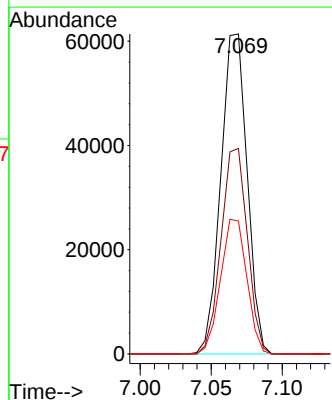
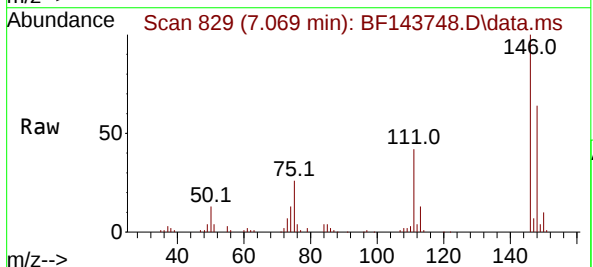
Tgt Ion:146 Resp: 79288

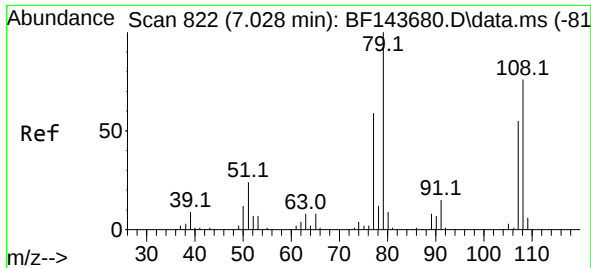
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

111 41.5 32.3 48.5

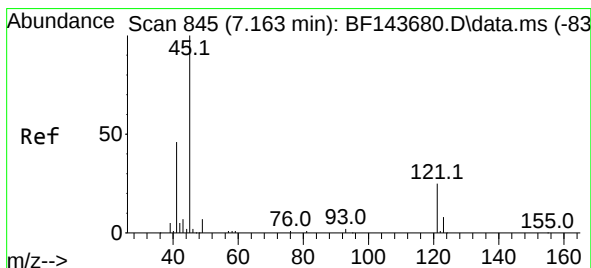
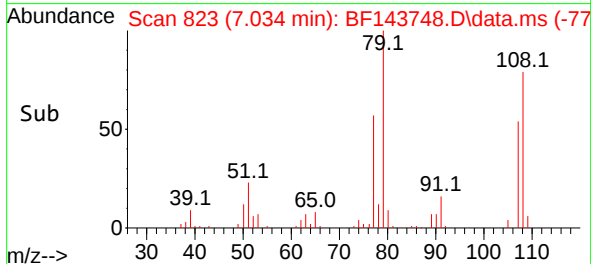
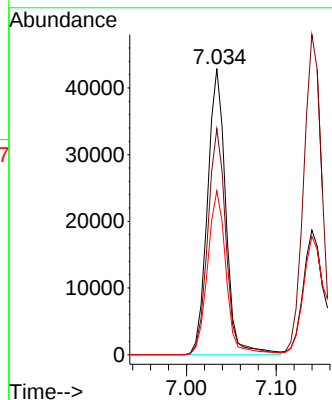
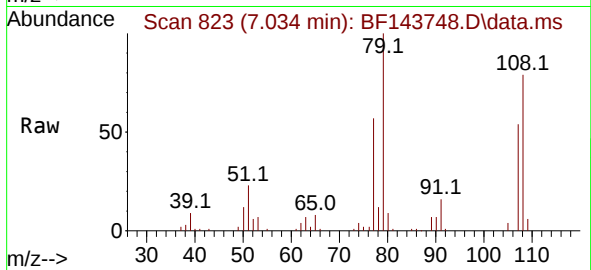




#15  
Benzyl Alcohol  
Concen: 39.783 ng  
RT: 7.034 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

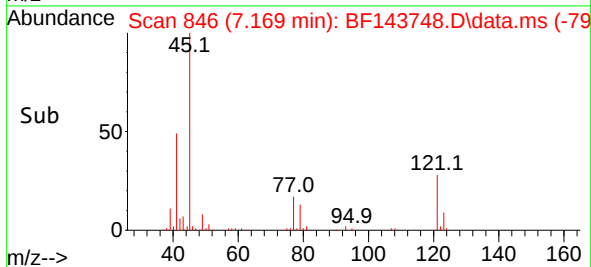
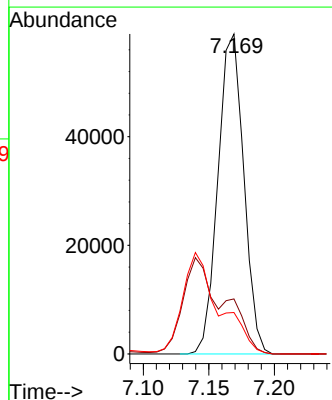
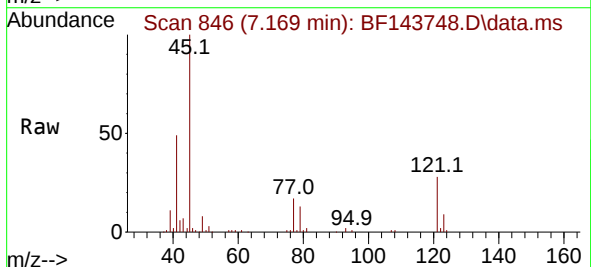
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

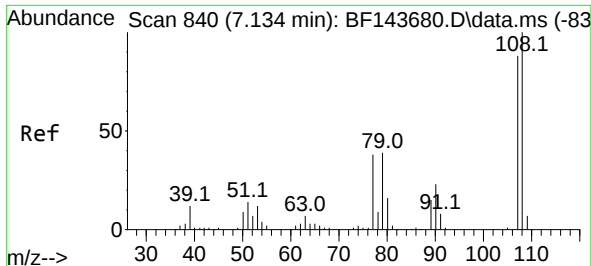
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 60580 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 79.0  | 60.9  | 91.3  |
| 77       | 57.3  | 47.4  | 71.2  |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.579 ng  
RT: 7.169 min Scan# 846  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 80446 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 77       | 17.2  | 0.0   | 34.6  |
| 79       | 13.0  | 0.0   | 31.3  |



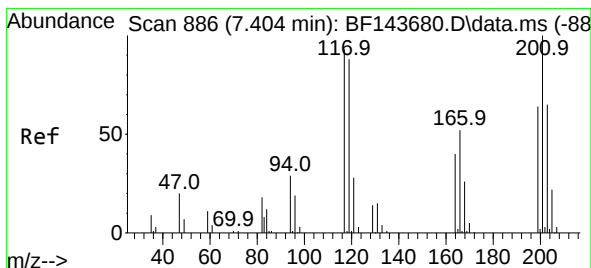
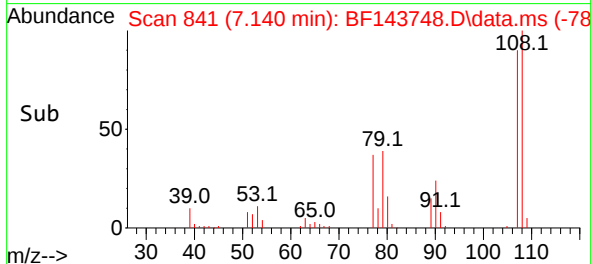
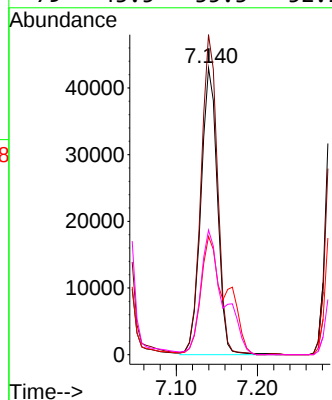
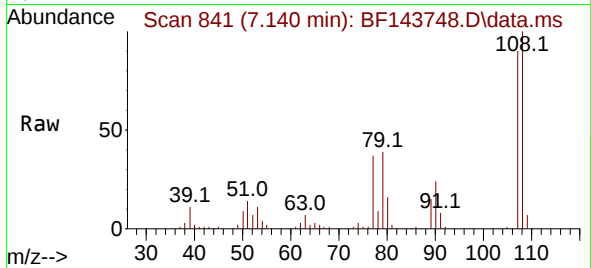


#17  
2-Methylphenol  
Concen: 40.792 ng  
RT: 7.140 min Scan# 841  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:107 Resp: 60931

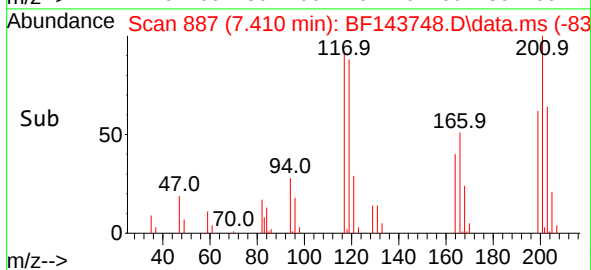
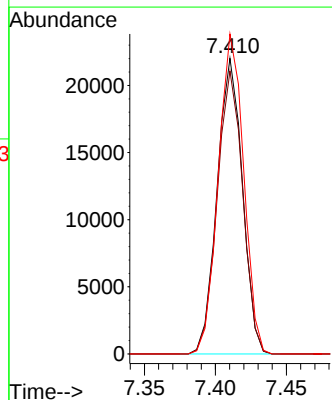
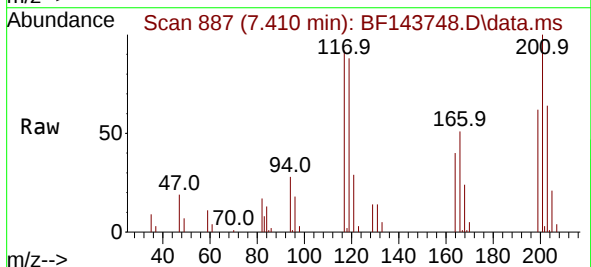
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 111.6 | 90.9  | 136.3 |
| 77  | 41.3  | 34.4  | 51.6  |
| 79  | 43.5  | 35.3  | 52.9  |

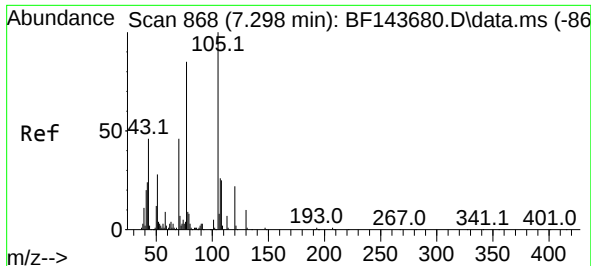


#18  
Hexachloroethane  
Concen: 39.380 ng  
RT: 7.410 min Scan# 887  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:117 Resp: 27267

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.7  | 76.2  | 114.2 |
| 201 | 108.2 | 86.4  | 129.6 |

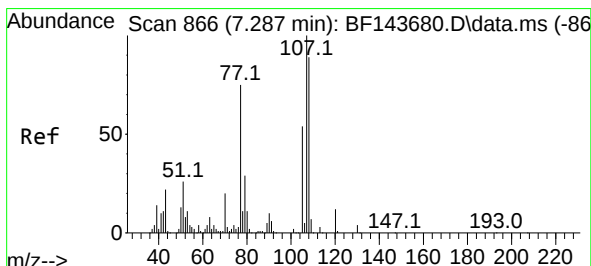
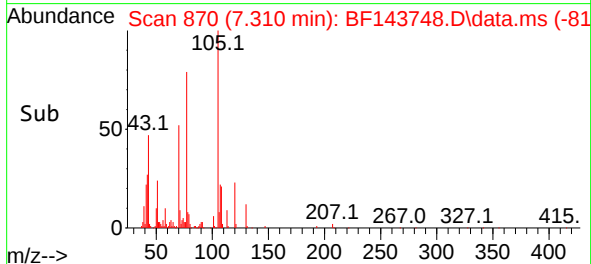
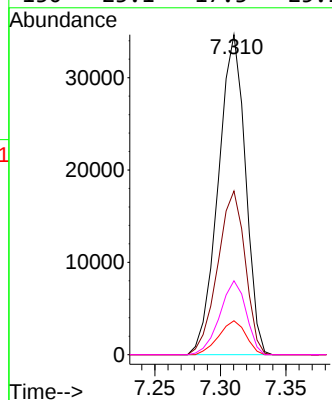
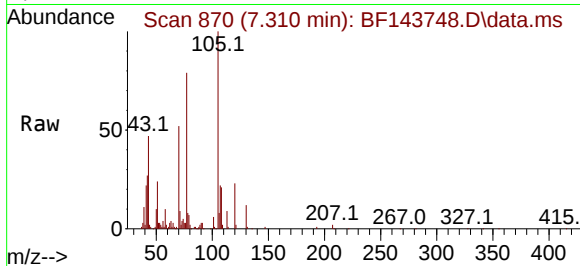




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.797 ng  
RT: 7.310 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

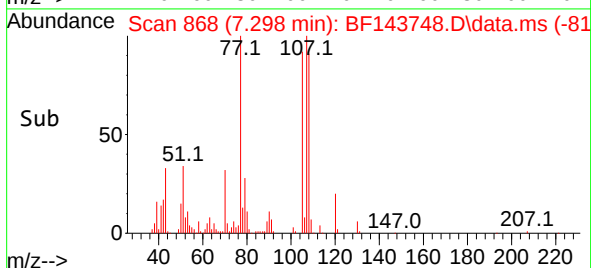
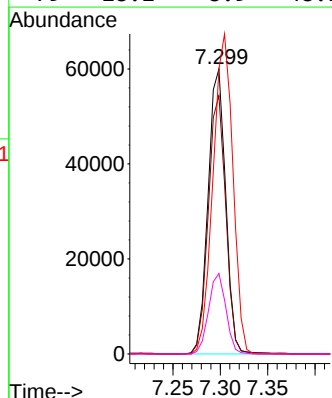
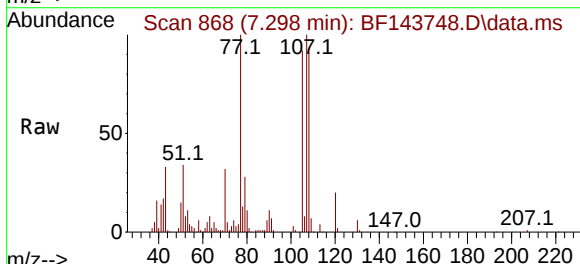
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

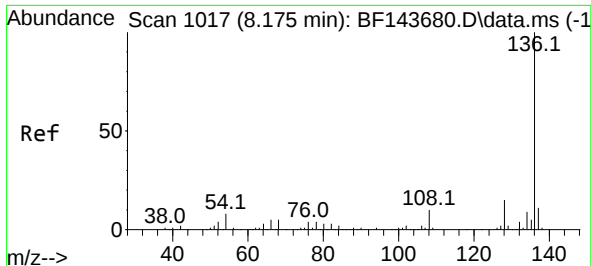
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 49880 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 51.2  | 41.4  | 62.2  |
| 101      | 10.6  | 8.1   | 12.1  |
| 130      | 23.1  | 17.3  | 25.9  |



#20  
3+4-Methylphenols  
Concen: 39.314 ng  
RT: 7.298 min Scan# 868  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 77330 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 90.7  | 68.6  | 108.6 |
| 77       | 100.0 | 54.6  | 94.6# |
| 79       | 28.2  | 8.9   | 48.9  |

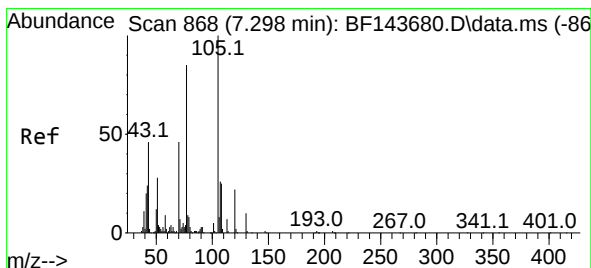
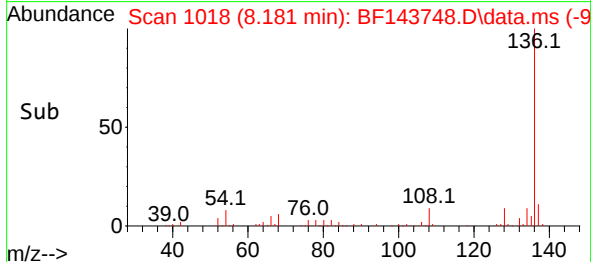
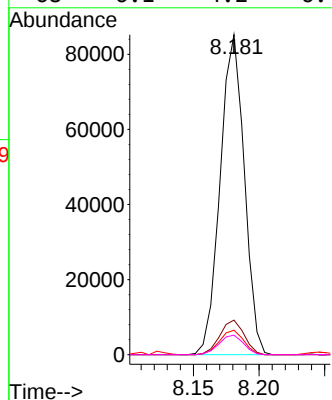
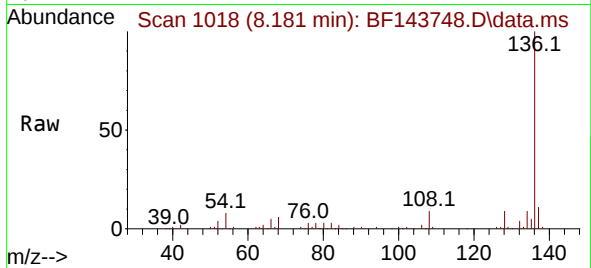




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1017  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

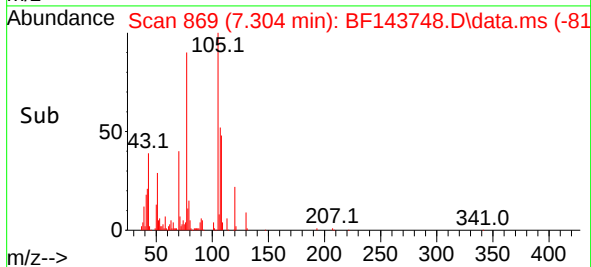
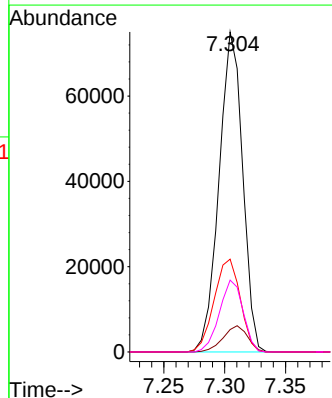
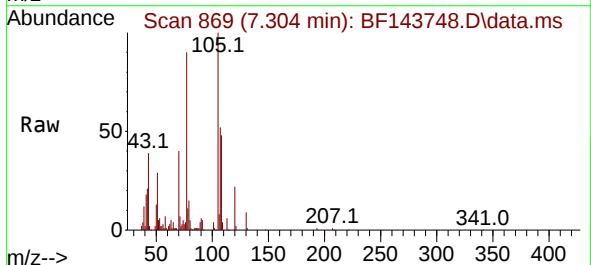
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

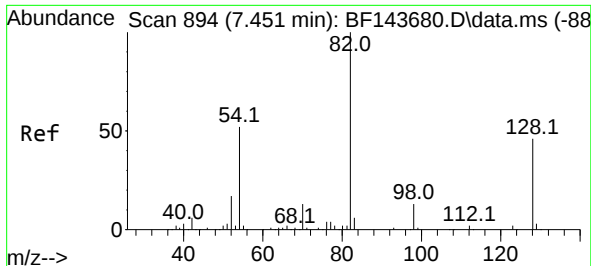
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 108964 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.8    | 8.7 13.1     |
| 54 7.7      | 6.2 9.2      |
| 68 6.1      | 4.2 6.4      |



#22  
Acetophenone  
Concen: 41.109 ng  
RT: 7.304 min Scan# 869  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

|         |     |             |              |
|---------|-----|-------------|--------------|
| Tgt Ion | 105 | Resp: Lower | 101167 Upper |
|         | 105 | 100         |              |
|         | 71  | 7.0         | 5.9 8.9      |
|         | 51  | 29.0        | 22.4 33.6    |
|         | 120 | 22.4        | 17.6 26.4    |

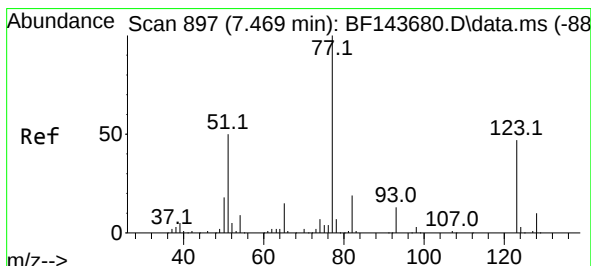
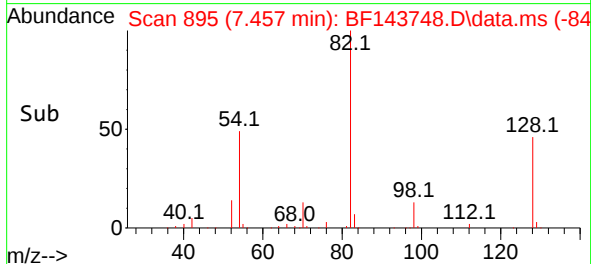
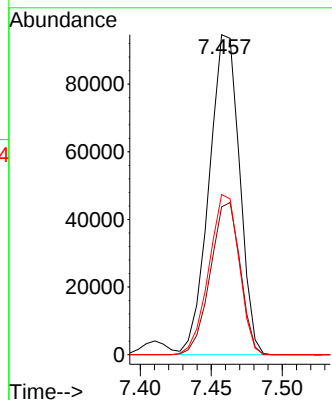
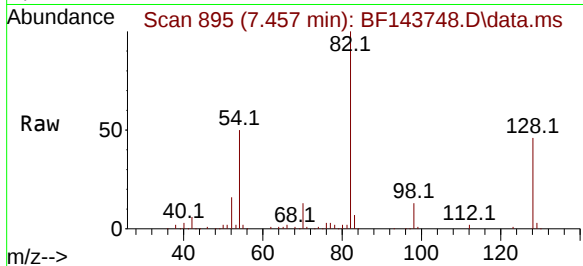




#23  
Nitrobenzene-d5  
Concen: 80.438 ng  
RT: 7.457 min Scan# 894  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

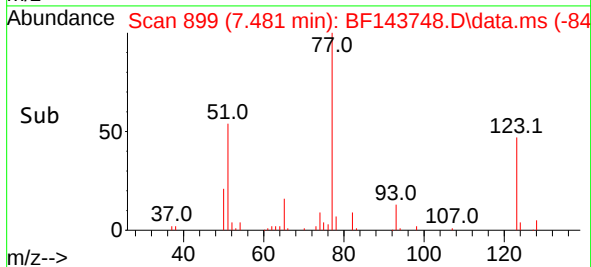
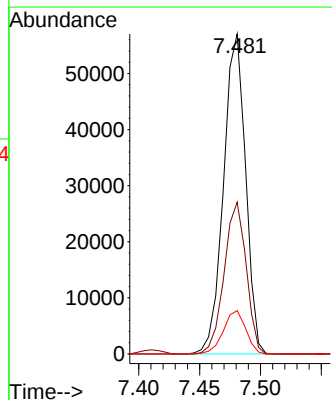
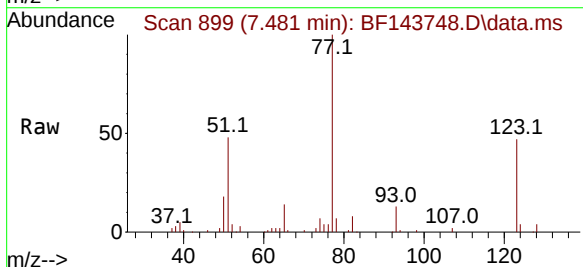
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

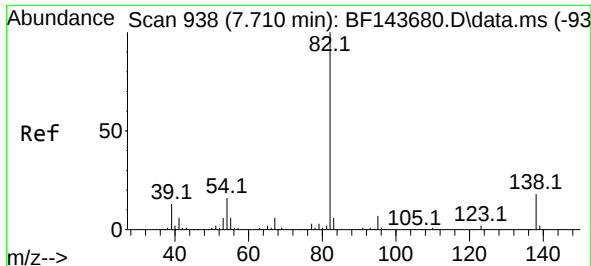
Tgt Ion: 82 Resp: 140912  
Ion Ratio Lower Upper  
82 100  
128 46.2 37.0 55.4  
54 50.1 41.8 62.8



#24  
Nitrobenzene  
Concen: 39.516 ng  
RT: 7.481 min Scan# 899  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion: 77 Resp: 71779  
Ion Ratio Lower Upper  
77 100  
123 47.4 37.4 56.0  
65 13.5 11.6 17.4

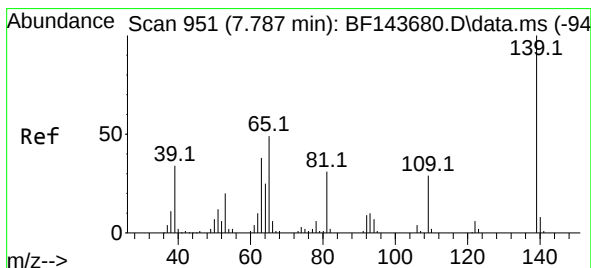
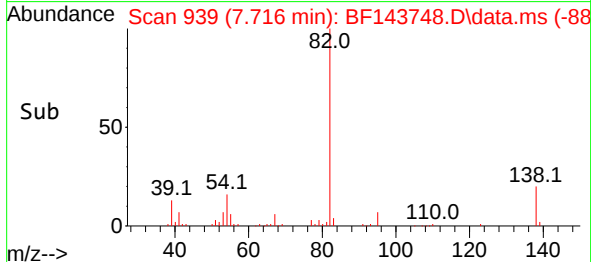
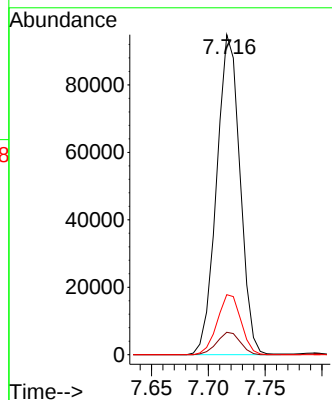
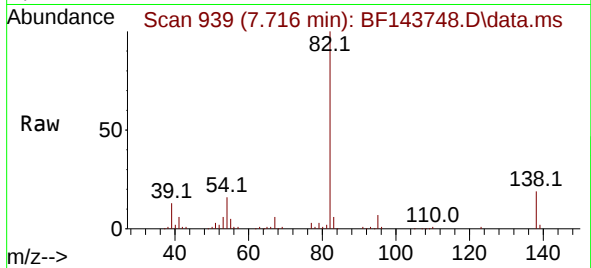




#25  
Isophorone  
Concen: 40.456 ng  
RT: 7.716 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

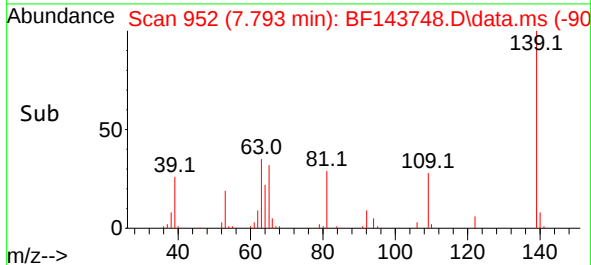
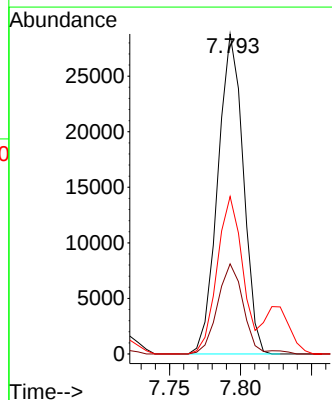
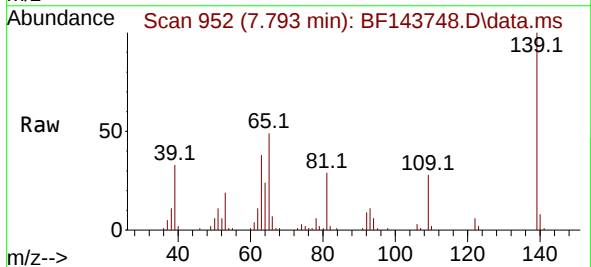
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

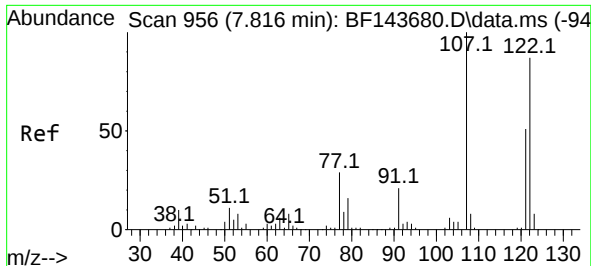
Tgt Ion: 82 Resp: 135898  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.7 8.5  
138 18.8 14.8 22.2



#26  
2-Nitrophenol  
Concen: 40.178 ng  
RT: 7.793 min Scan# 952  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:139 Resp: 35883  
Ion Ratio Lower Upper  
139 100  
109 28.2 22.8 34.2  
65 49.2 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 39.175 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

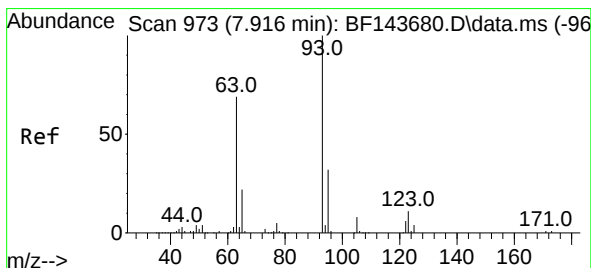
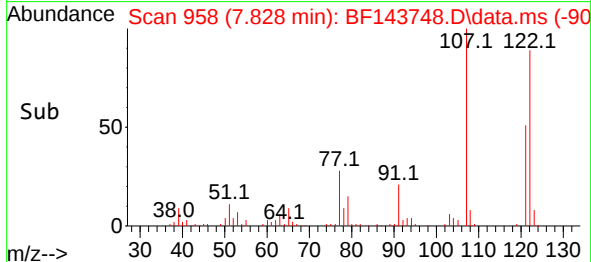
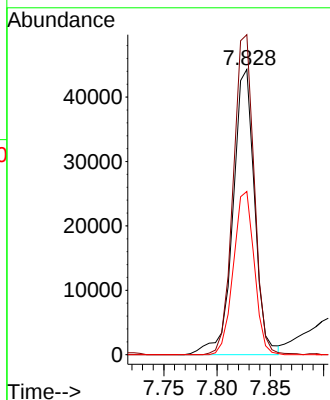
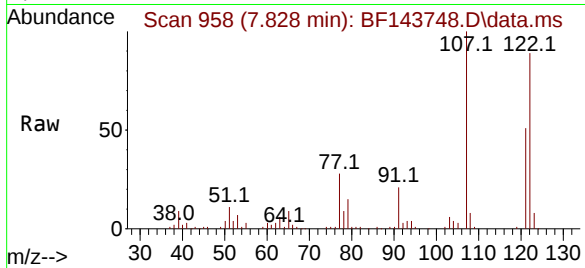
Tgt Ion:122 Resp: 62809

Ion Ratio Lower Upper

122 100

107 112.2 92.1 138.1

121 57.2 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.441 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

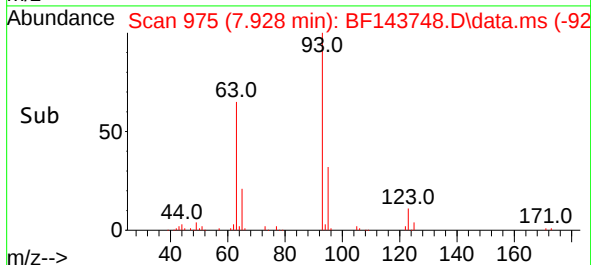
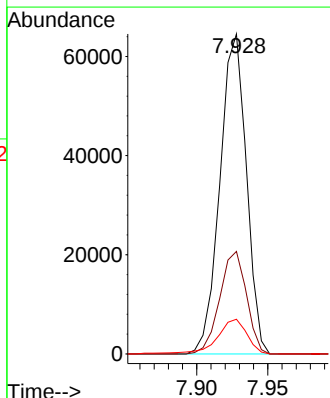
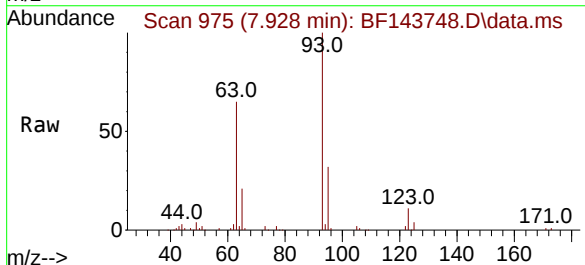
Tgt Ion: 93 Resp: 83485

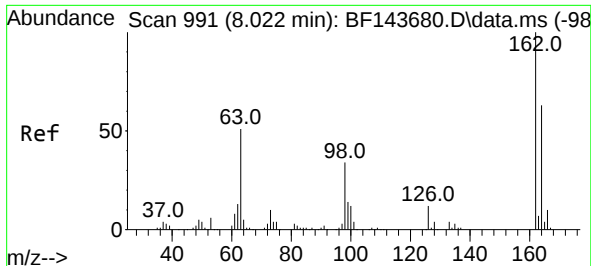
Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

123 10.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 39.457 ng

RT: 8.034 min Scan# 991

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

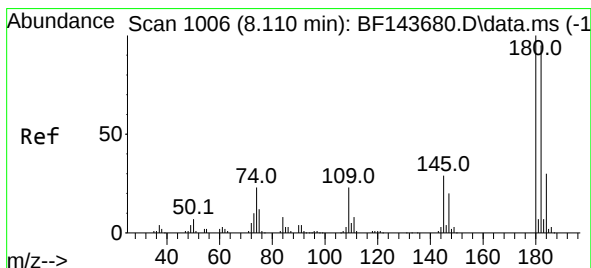
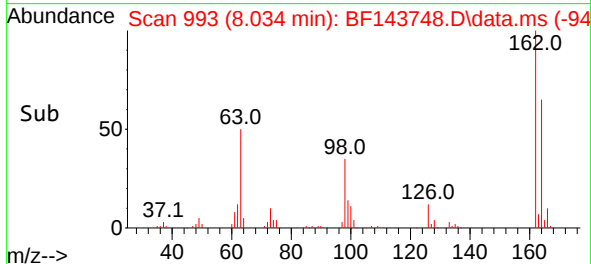
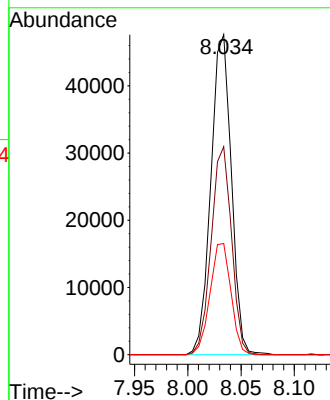
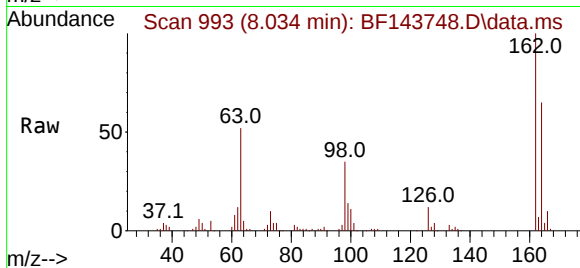
Tgt Ion:162 Resp: 63636

Ion Ratio Lower Upper

162 100

164 65.0 43.0 83.0

98 34.8 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 40.191 ng

RT: 8.122 min Scan# 1008

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

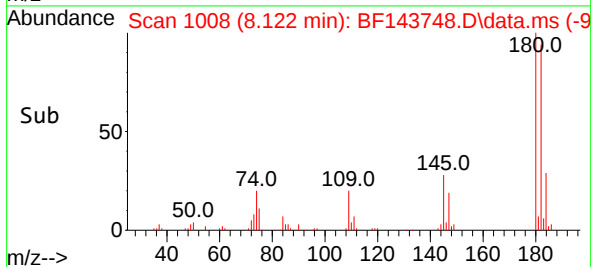
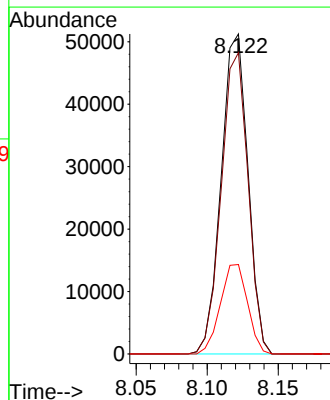
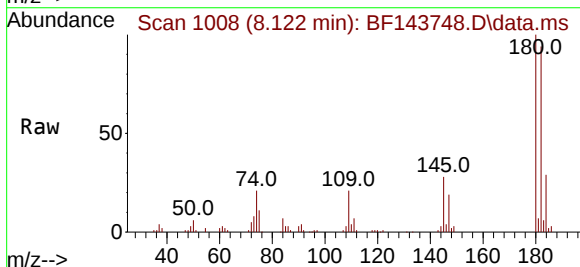
Tgt Ion:180 Resp: 67154

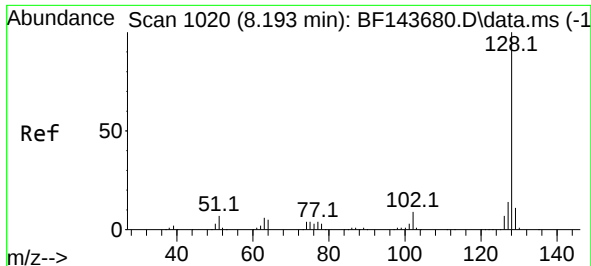
Ion Ratio Lower Upper

180 100

182 94.1 76.2 114.4

145 28.0 23.2 34.8

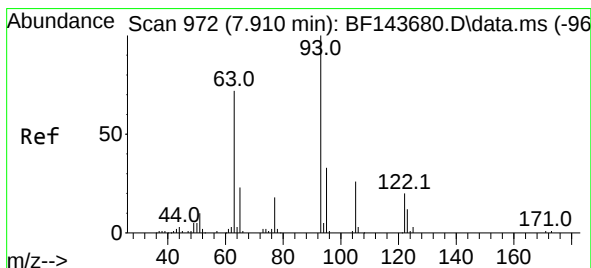
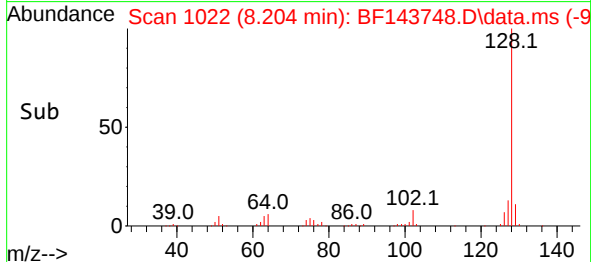
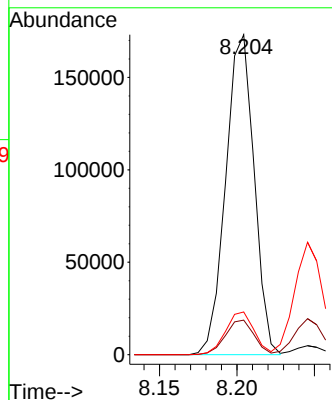
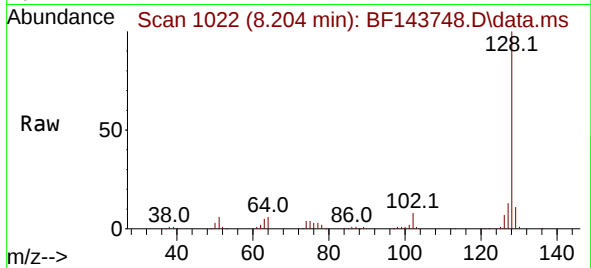




#31  
Naphthalene  
Concen: 40.909 ng  
RT: 8.204 min Scan# 1020  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

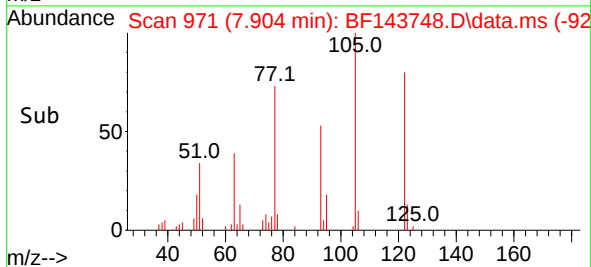
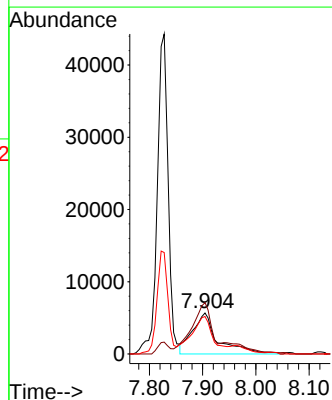
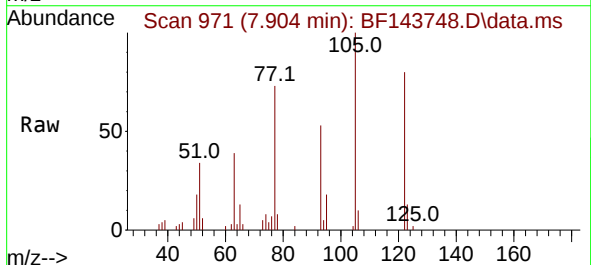
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

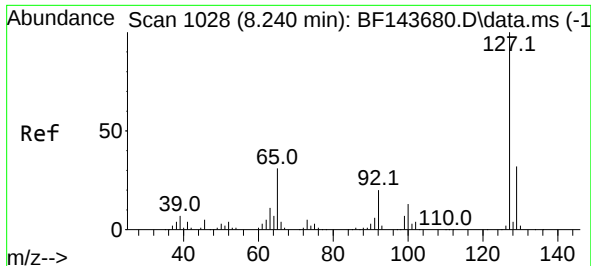
Tgt Ion:128 Resp: 220665  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.8 13.2  
127 13.4 10.9 16.3



#32  
Benzoic acid  
Concen: 19.496 ng  
RT: 7.904 min Scan# 971  
Delta R.T. -0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:122 Resp: 19070  
Ion Ratio Lower Upper  
122 100  
105 125.4 105.2 145.2  
77 91.3 72.0 112.0





#33

4-Chloroaniline

Concen: 40.699 ng

RT: 8.245 min Scan# 1028

Delta R.T. 0.006 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 76426

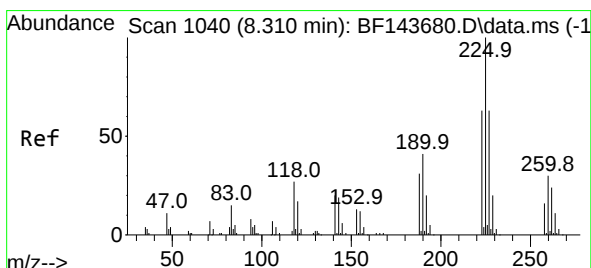
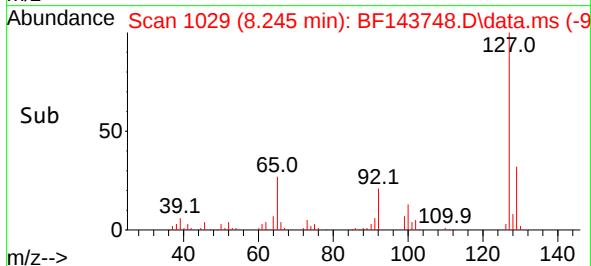
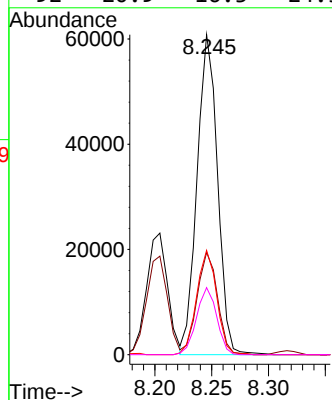
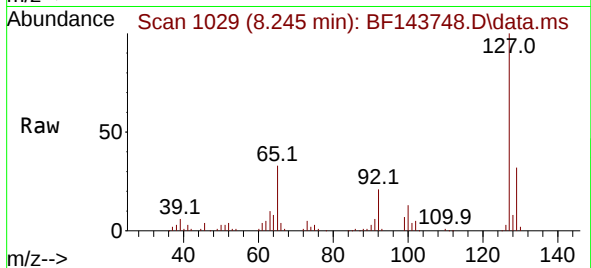
Ion Ratio Lower Upper

127 100

129 32.0 26.0 39.0

65 32.6 24.6 36.8

92 20.9 16.3 24.5



#34

Hexachlorobutadiene

Concen: 39.728 ng

RT: 8.316 min Scan# 1041

Delta R.T. 0.006 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

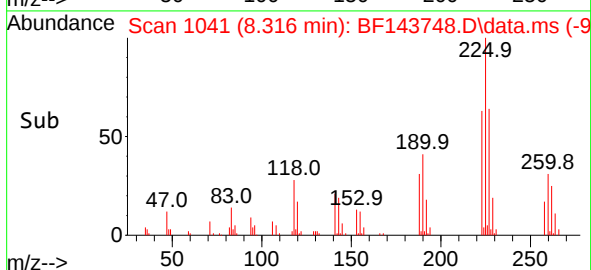
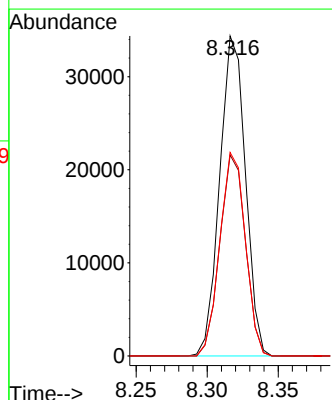
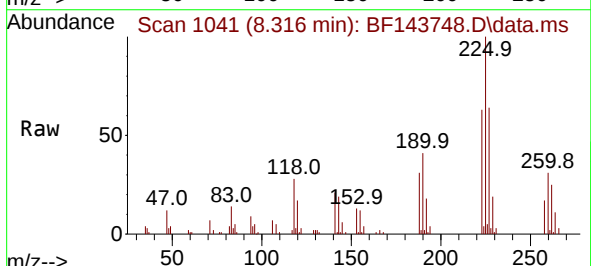
Tgt Ion:225 Resp: 43296

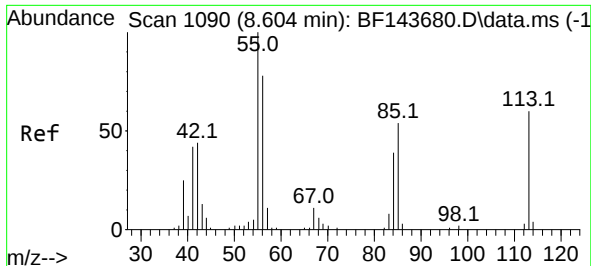
Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

227 63.6 50.8 76.2

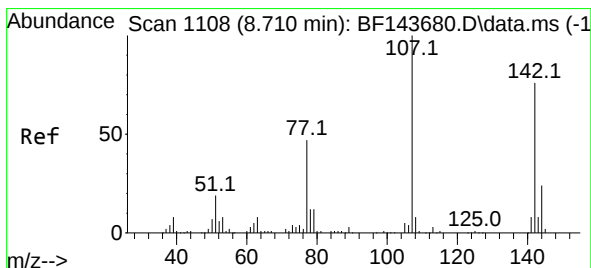
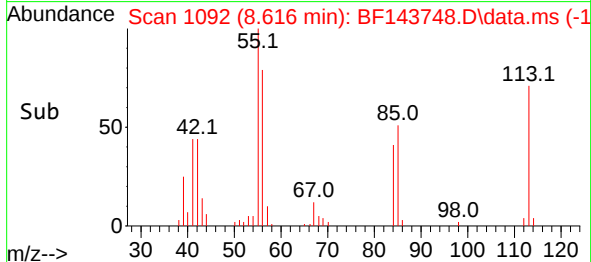
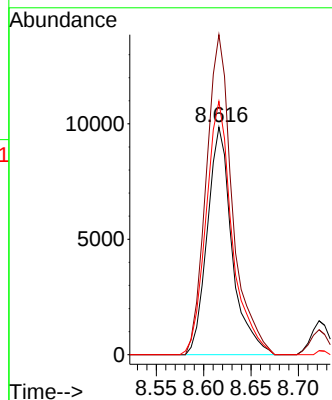
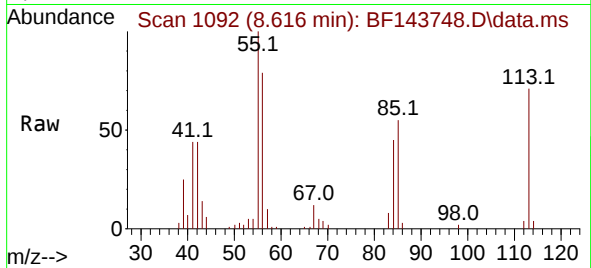




#35  
Caprolactam  
Concen: 41.668 ng  
RT: 8.616 min Scan# 1109  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

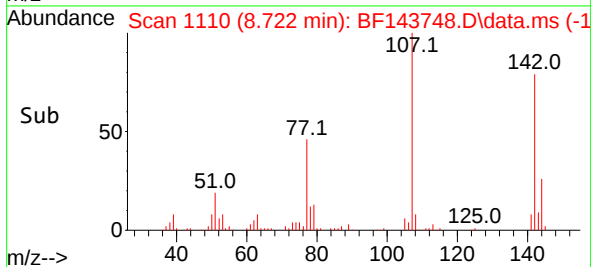
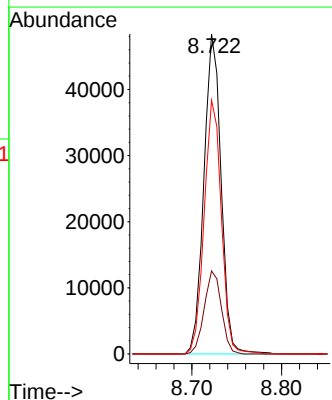
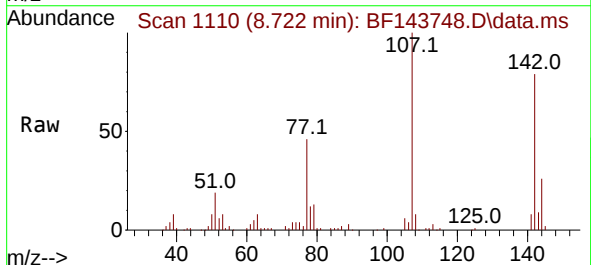
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

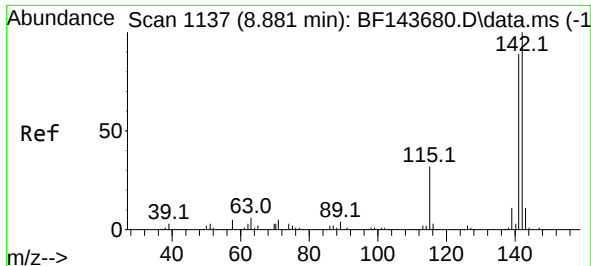
Tgt Ion:113 Resp: 17886  
Ion Ratio Lower Upper  
113 100  
55 140.7 148.9 188.9#  
56 111.3 112.8 152.8#



#36  
4-Chloro-3-methylphenol  
Concen: 40.474 ng  
RT: 8.722 min Scan# 1110  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:107 Resp: 64363  
Ion Ratio Lower Upper  
107 100  
144 25.9 19.4 29.2  
142 79.3 60.6 91.0





#37

2-Methylnaphthalene

Concen: 40.062 ng

RT: 8.893 min Scan# 1139

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

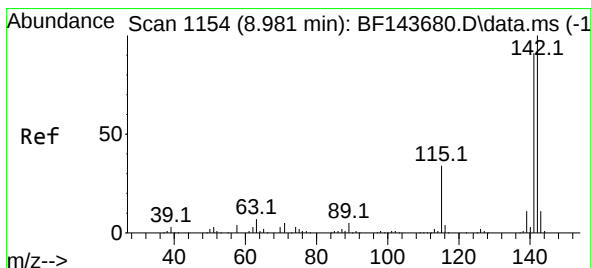
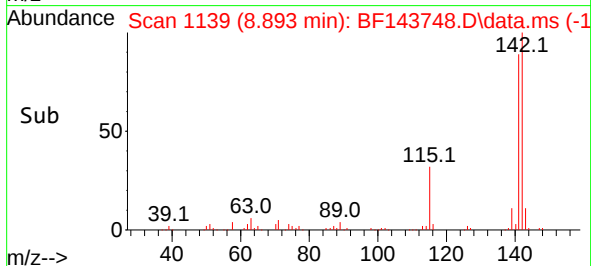
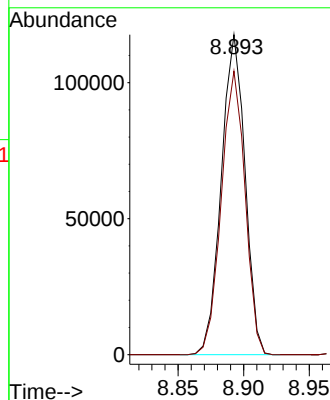
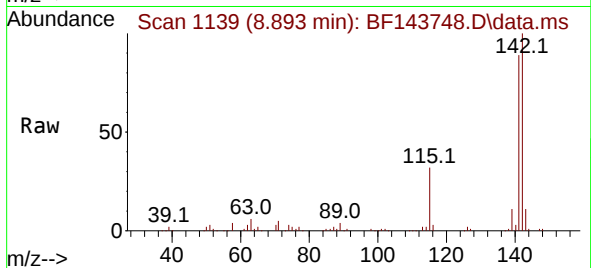
SSTDCCC040

Tgt Ion:142 Resp: 147926

Ion Ratio Lower Upper

142 100

141 88.6 71.1 106.7



#38

1-Methylnaphthalene

Concen: 40.161 ng

RT: 8.992 min Scan# 1156

Delta R.T. 0.012 min

Lab File: BF143748.D

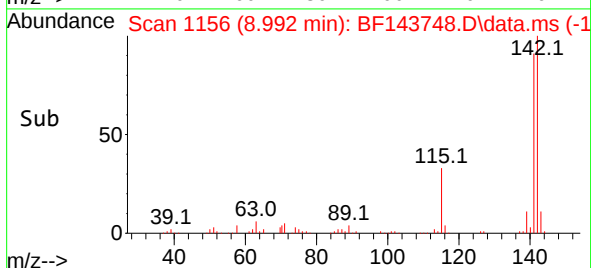
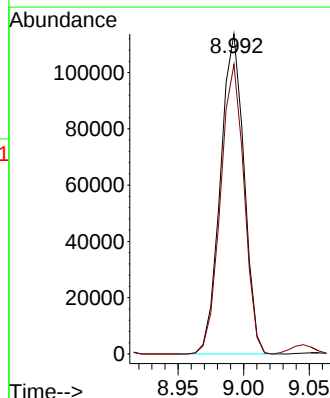
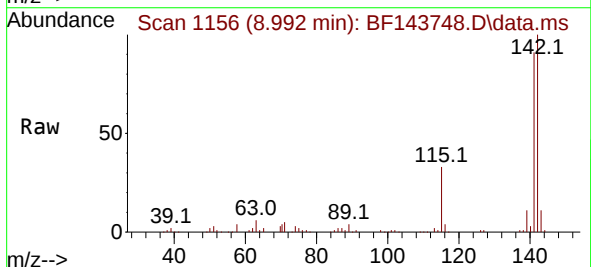
Acq: 15 Sep 2025 12:49

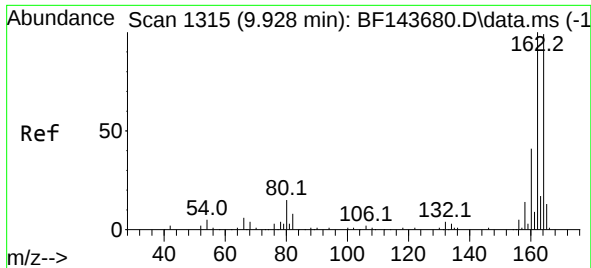
Tgt Ion:142 Resp: 142312

Ion Ratio Lower Upper

142 100

141 90.5 72.9 109.3

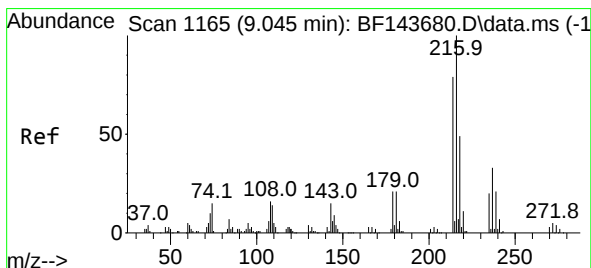
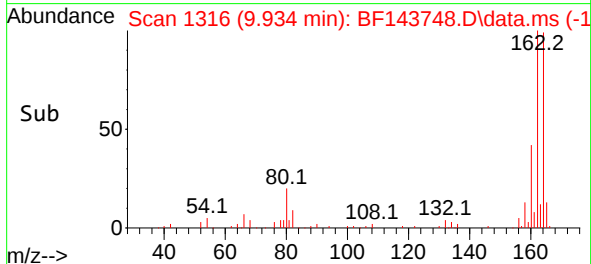
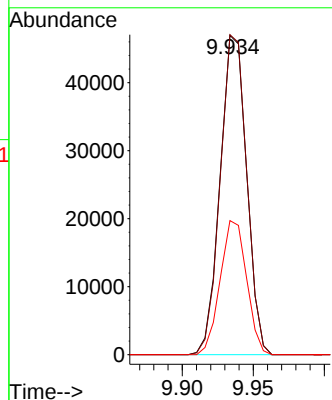
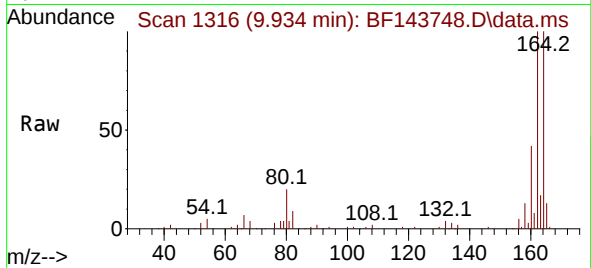




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.934 min Scan# 1164  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

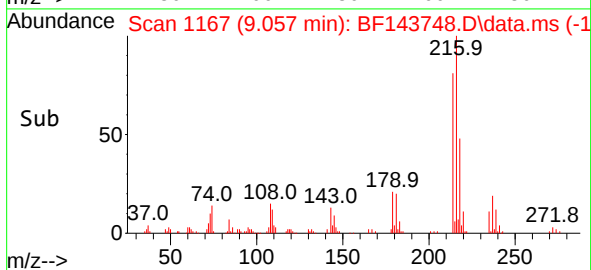
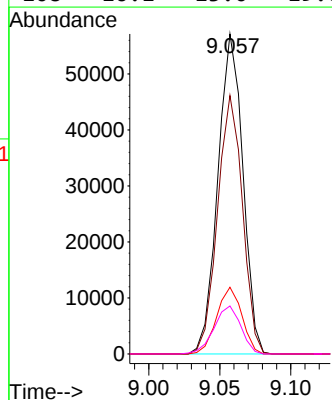
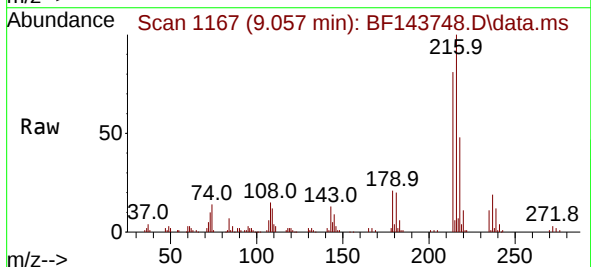
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

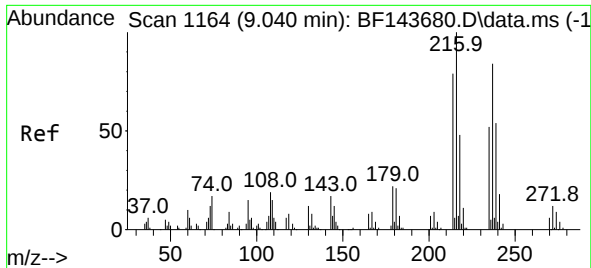
Tgt Ion:164 Resp: 61007  
Ion Ratio Lower Upper  
164 100  
162 100.2 80.6 121.0  
160 42.0 33.0 49.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.996 ng  
RT: 9.057 min Scan# 1167  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:216 Resp: 69855  
Ion Ratio Lower Upper  
216 100  
214 80.4 63.2 94.8  
179 21.0 16.8 25.2  
108 16.1 13.0 19.6

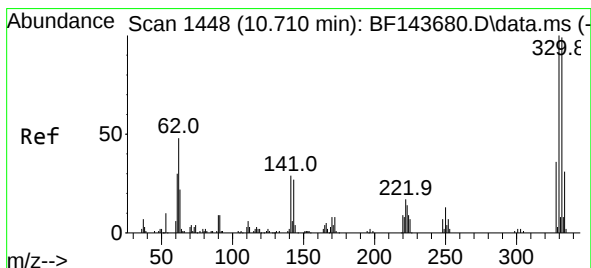
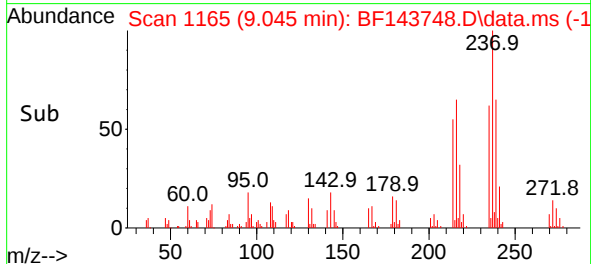
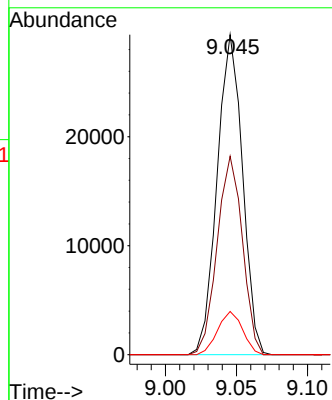
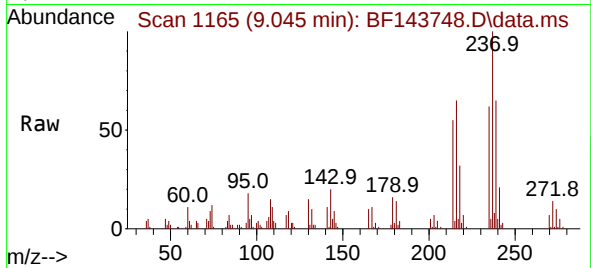




#41  
Hexachlorocyclopentadiene  
Concen: 40.680 ng  
RT: 9.045 min Scan# 1164  
Delta R.T. 0.006 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

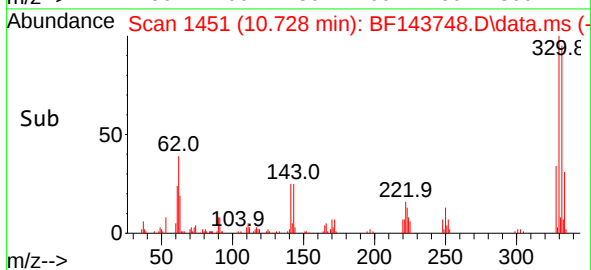
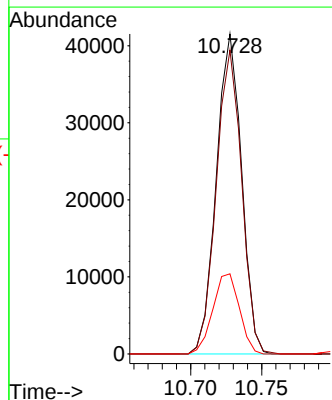
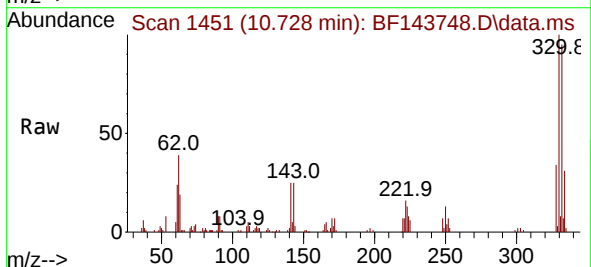
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

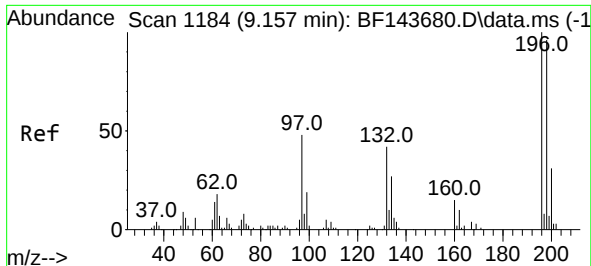
Tgt Ion:237 Resp: 36476  
Ion Ratio Lower Upper  
237 100  
235 62.0 41.6 81.6  
272 13.5 0.0 33.9



#42  
2,4,6-Tribromophenol  
Concen: 83.377 ng  
RT: 10.728 min Scan# 1451  
Delta R.T. 0.018 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:330 Resp: 51261  
Ion Ratio Lower Upper  
330 100  
332 95.5 79.2 118.8  
141 26.4 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 41.798 ng

RT: 9.169 min Scan# 1186

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

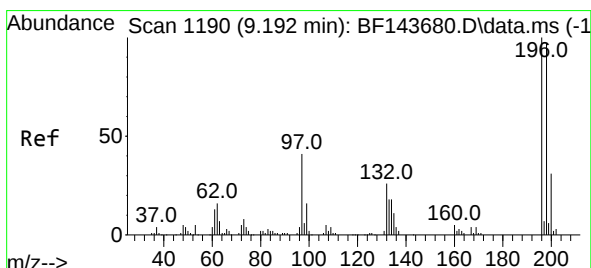
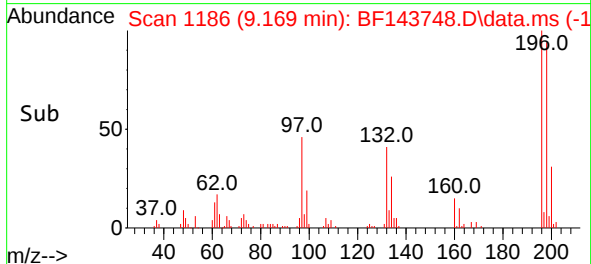
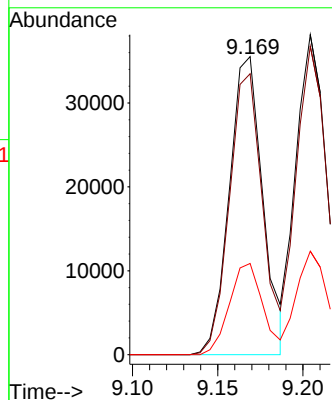
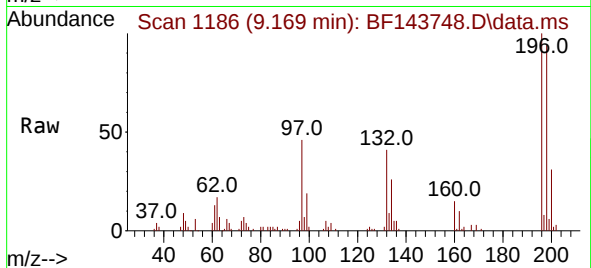
Tgt Ion:196 Resp: 48747

Ion Ratio Lower Upper

196 100

198 94.3 76.5 114.7

200 30.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 40.276 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Tgt Ion:196 Resp: 47751

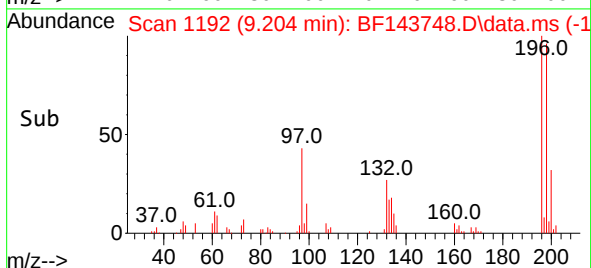
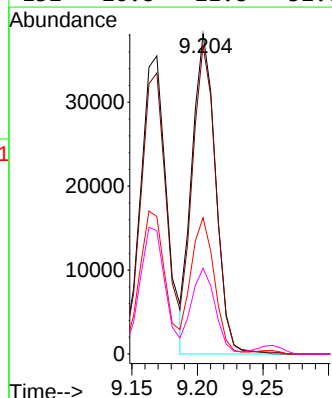
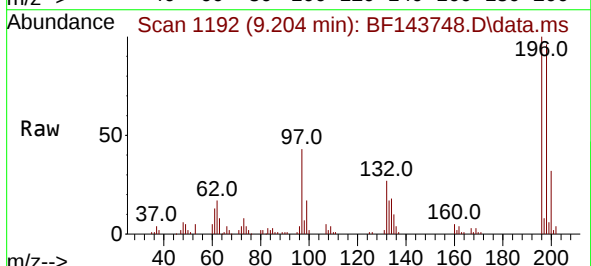
Ion Ratio Lower Upper

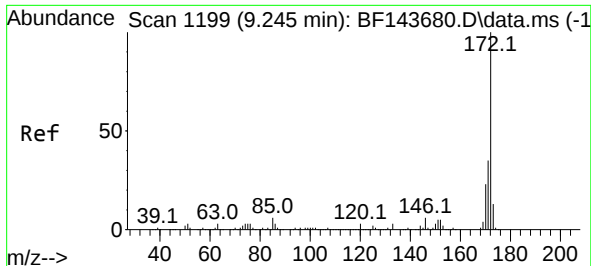
196 100

198 96.4 77.0 115.6

97 42.5 34.2 51.4

132 26.8 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 80.990 ng

RT: 9.257 min Scan# 1199

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

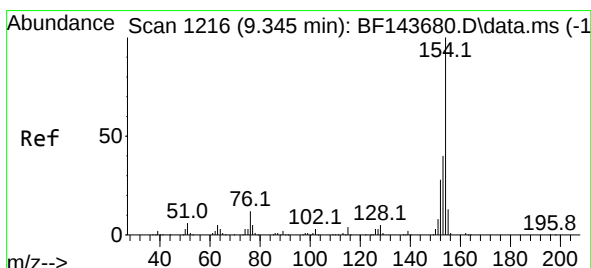
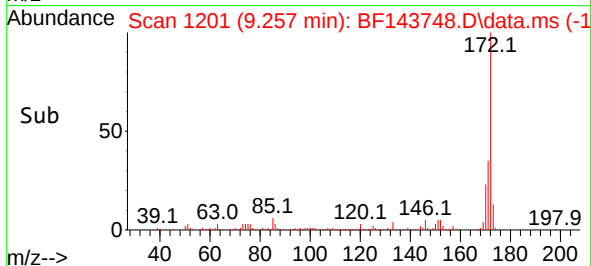
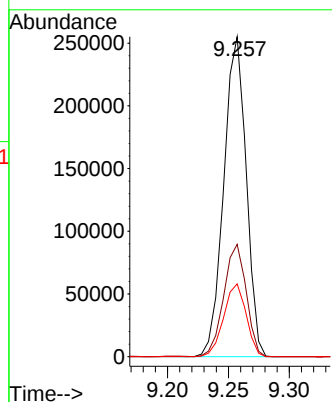
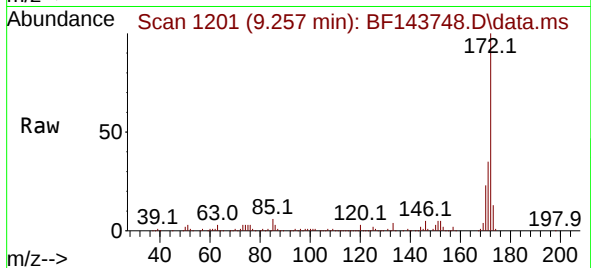
Tgt Ion:172 Resp: 327081

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 22.7 18.6 27.8



#46

1,1'-Biphenyl

Concen: 40.846 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

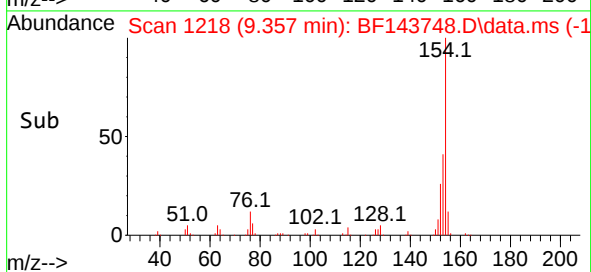
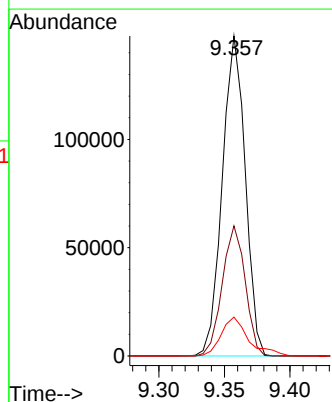
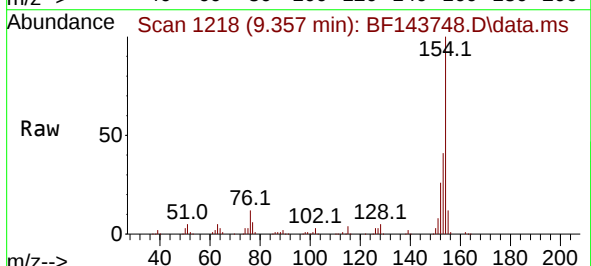
Tgt Ion:154 Resp: 179396

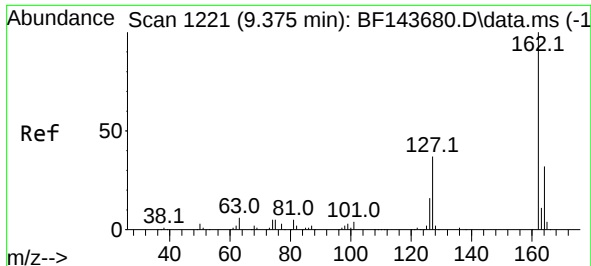
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

76 12.1 0.0 31.6





#47

2-Chloronaphthalene

Concen: 40.919 ng

RT: 9.381 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

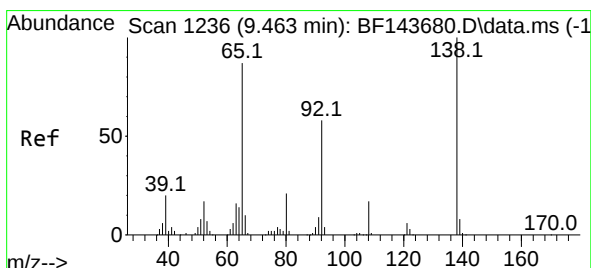
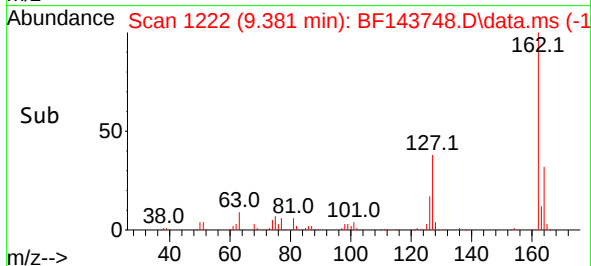
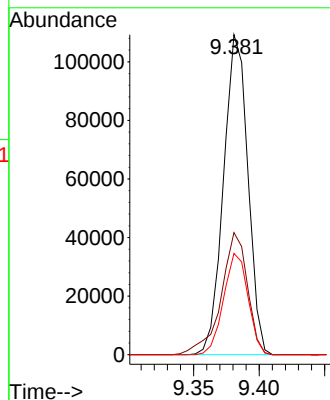
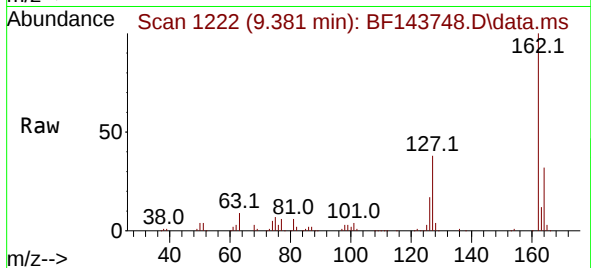
Tgt Ion:162 Resp: 140890

Ion Ratio Lower Upper

162 100

127 38.2 30.6 45.8

164 31.6 25.8 38.8



#48

2-Nitroaniline

Concen: 39.548 ng

RT: 9.475 min Scan# 1238

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

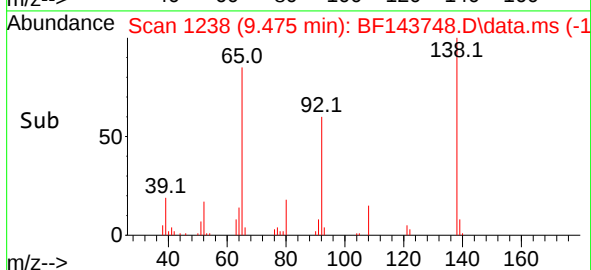
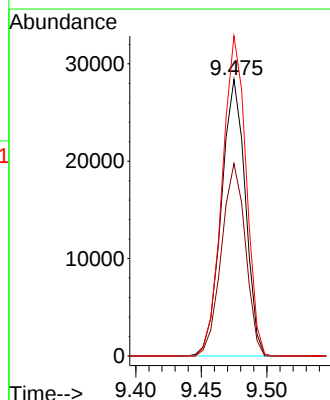
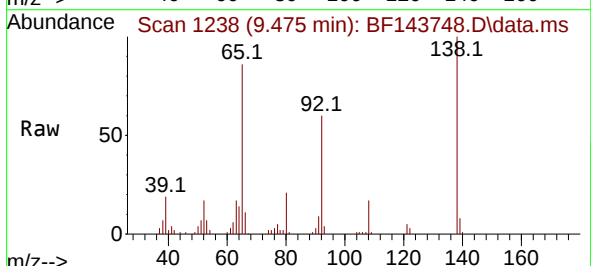
Tgt Ion: 65 Resp: 36036

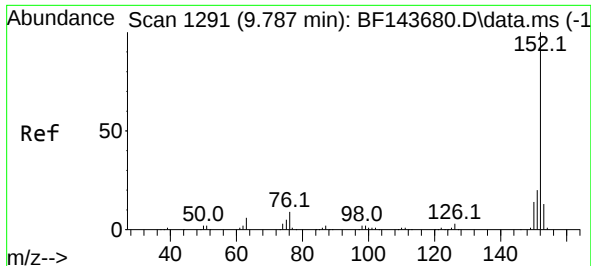
Ion Ratio Lower Upper

65 100

92 69.6 53.3 79.9

138 115.7 92.1 138.1





#49

Acenaphthylene

Concen: 40.627 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

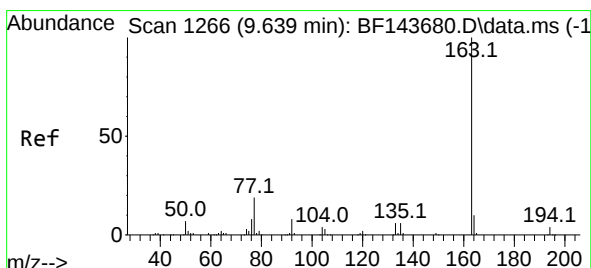
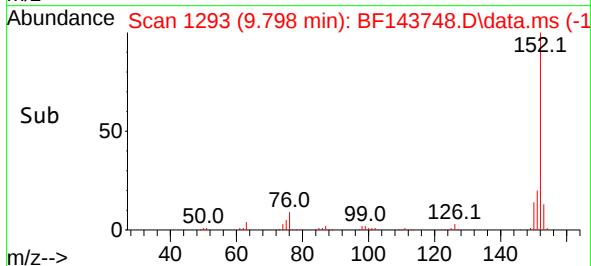
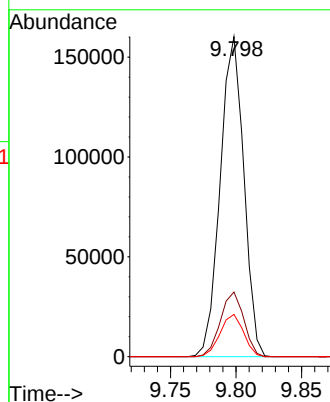
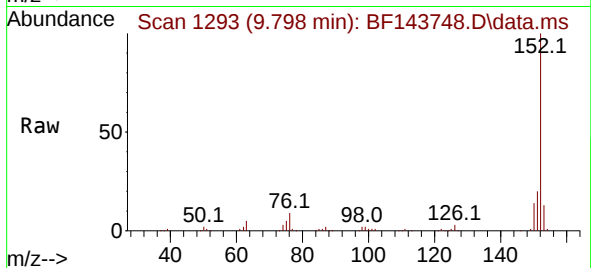
Tgt Ion:152 Resp: 200379

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 40.141 ng

RT: 9.651 min Scan# 1268

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

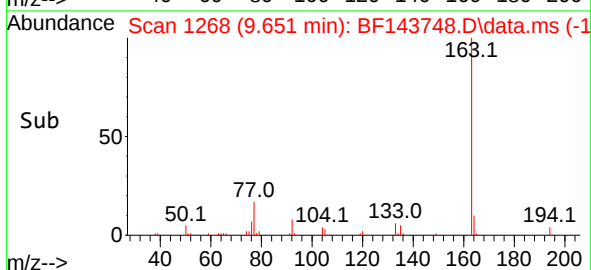
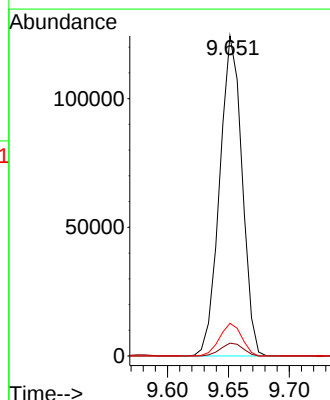
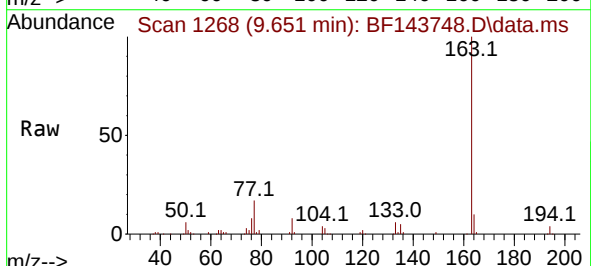
Tgt Ion:163 Resp: 159330

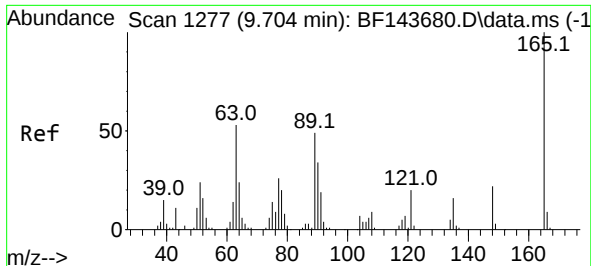
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.2 8.0 12.0

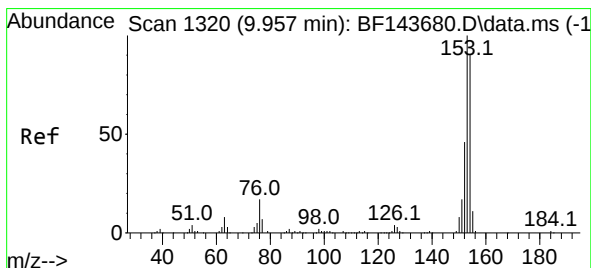
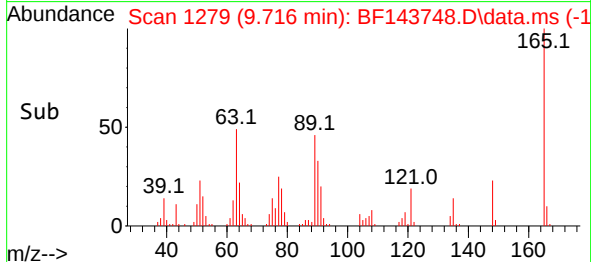
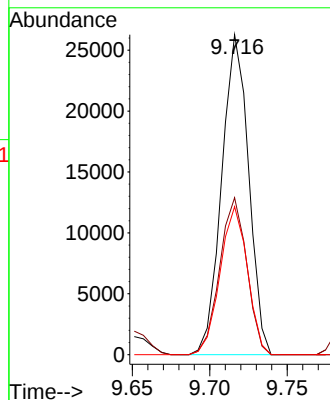
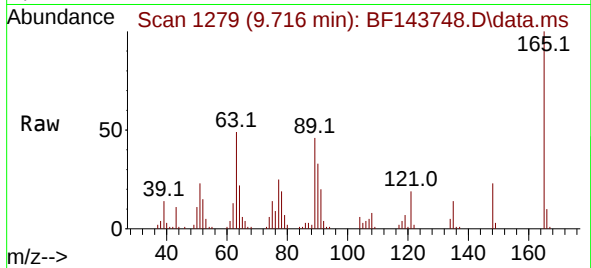




#51  
2,6-Dinitrotoluene  
Concen: 41.770 ng  
RT: 9.716 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

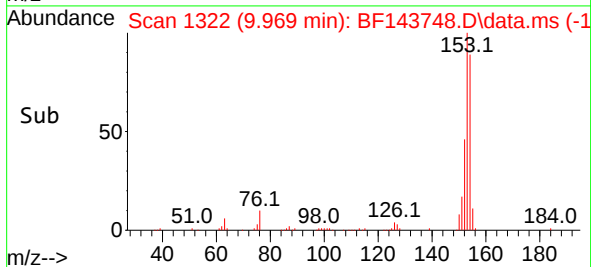
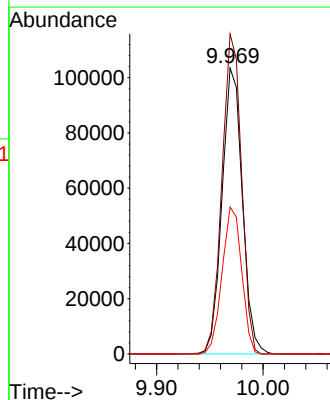
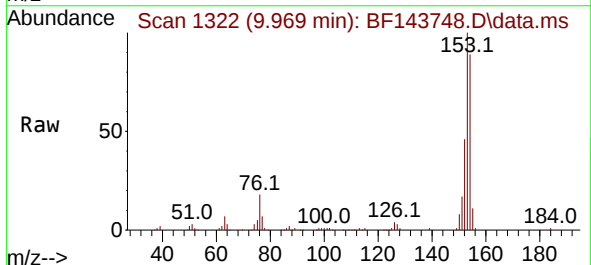
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

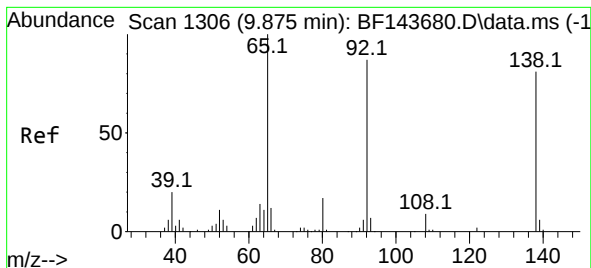
Tgt Ion:165 Resp: 31700  
Ion Ratio Lower Upper  
165 100  
63 49.0 42.2 63.4  
89 46.3 39.3 58.9



#52  
Acenaphthene  
Concen: 40.267 ng  
RT: 9.969 min Scan# 1322  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:154 Resp: 136856  
Ion Ratio Lower Upper  
154 100  
153 112.0 89.4 134.0  
152 51.4 41.2 61.8





#53

3-Nitroaniline

Concen: 40.777 ng

RT: 9.887 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

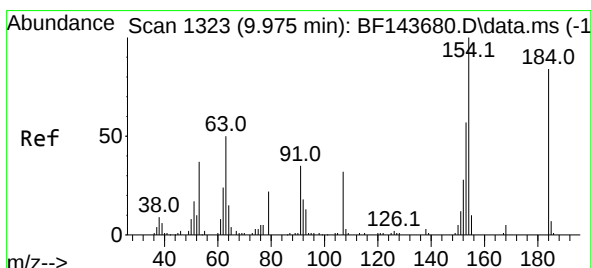
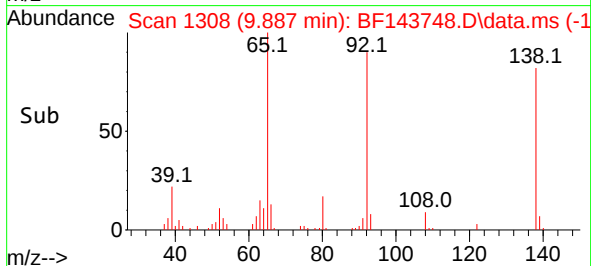
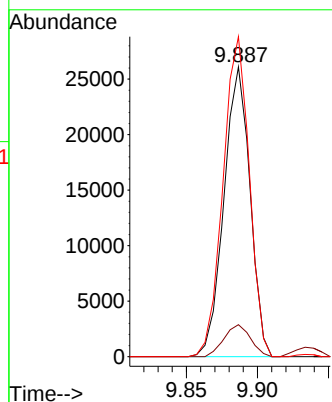
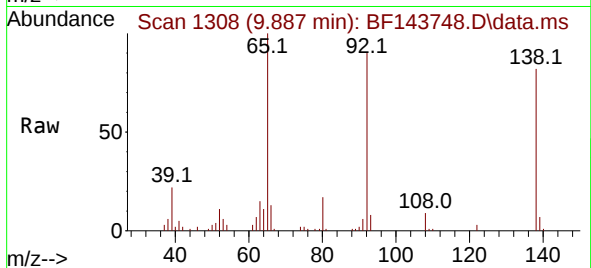
Tgt Ion:138 Resp: 33303

Ion Ratio Lower Upper

138 100

108 11.1 8.6 12.8

92 110.4 85.5 128.3



#54

2,4-Dinitrophenol

Concen: 31.812 ng

RT: 9.987 min Scan# 1325

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

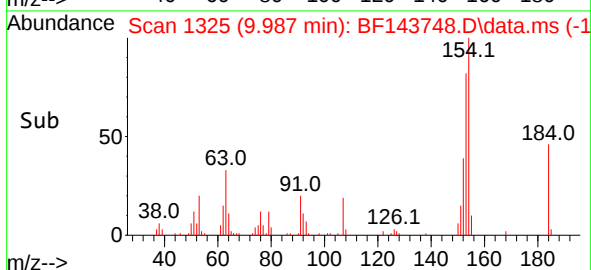
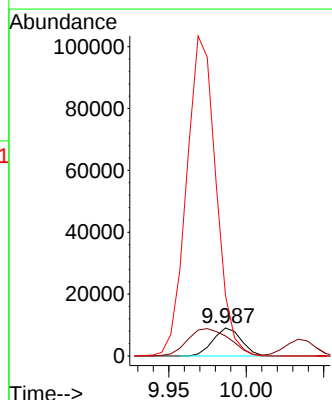
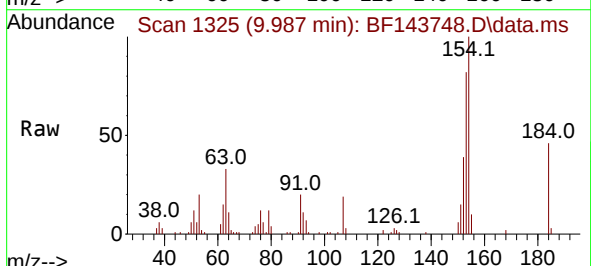
Tgt Ion:184 Resp: 11509

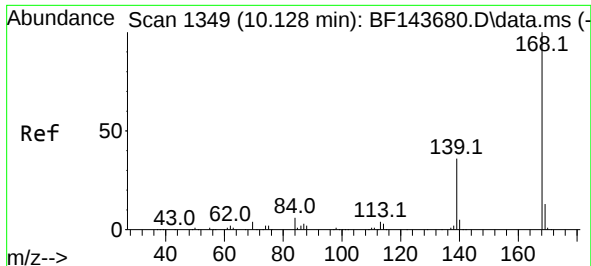
Ion Ratio Lower Upper

184 100

63 71.7 52.7 79.1

154 215.4 136.6 204.8#

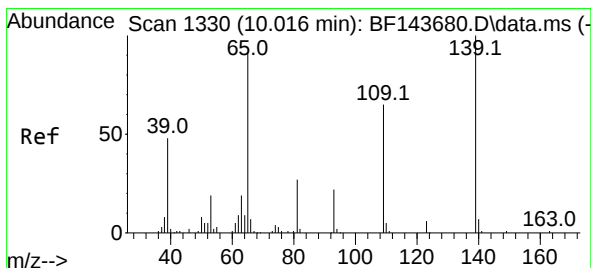
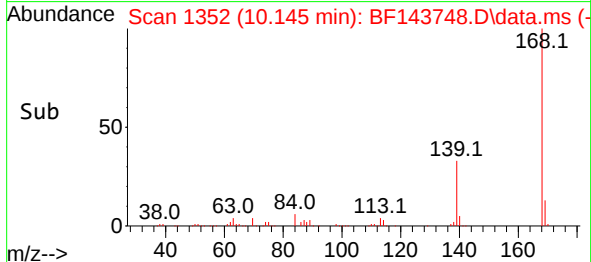
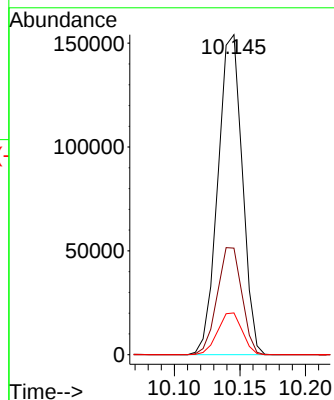
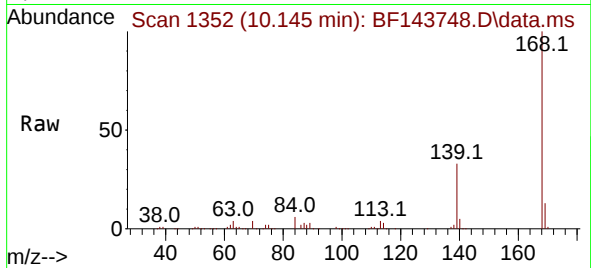




#55  
Dibenzofuran  
Concen: 40.713 ng  
RT: 10.145 min Scan# 1352  
Delta R.T. 0.018 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

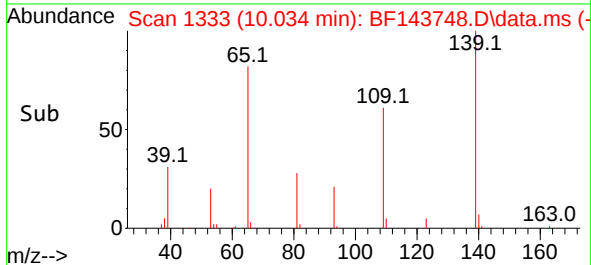
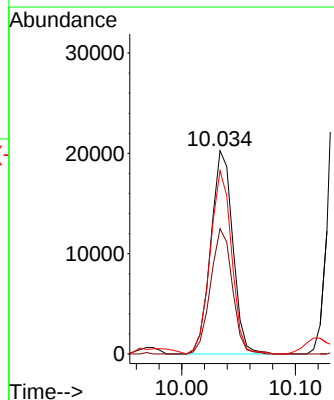
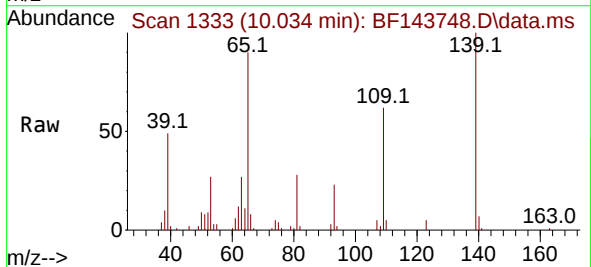
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

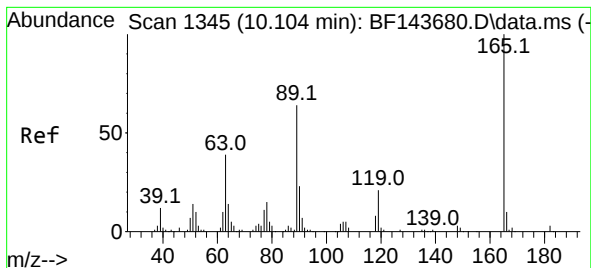
Tgt Ion:168 Resp: 198970  
Ion Ratio Lower Upper  
168 100  
139 33.3 29.0 43.4  
169 13.0 10.8 16.2



#56  
4-Nitrophenol  
Concen: 41.940 ng  
RT: 10.034 min Scan# 1333  
Delta R.T. 0.018 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:139 Resp: 27251  
Ion Ratio Lower Upper  
139 100  
109 61.7 45.2 85.2  
65 90.1 72.1 112.1

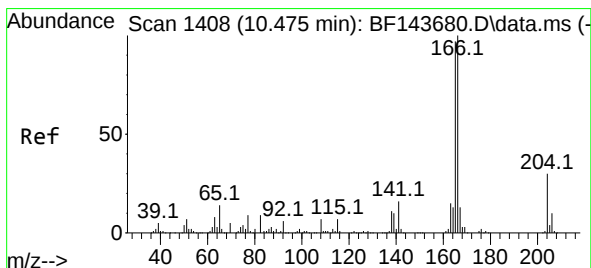
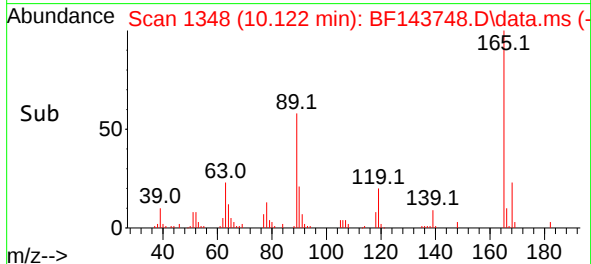
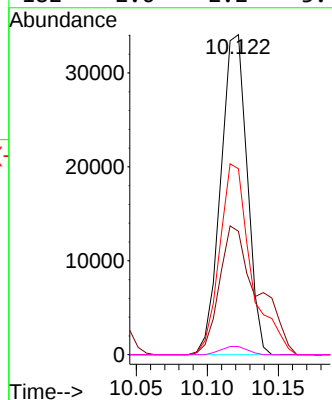
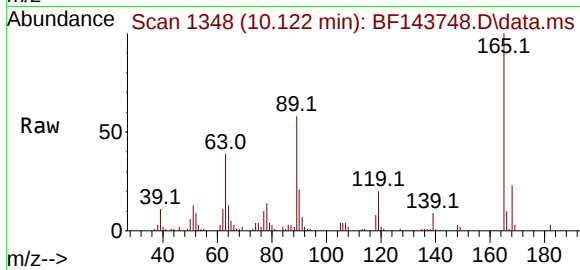




#57  
2,4-Dinitrotoluene  
Concen: 42.715 ng  
RT: 10.122 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

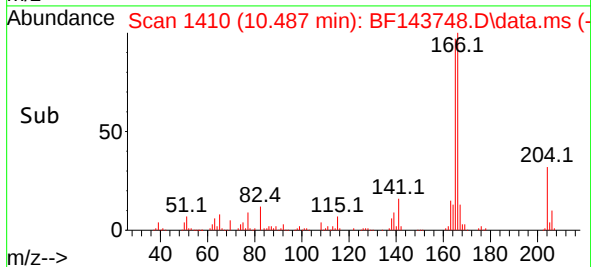
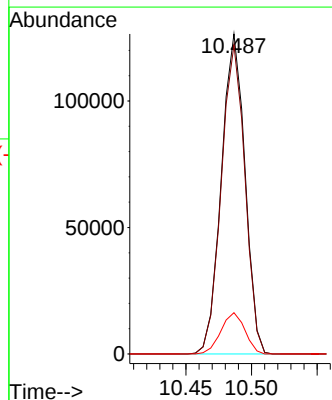
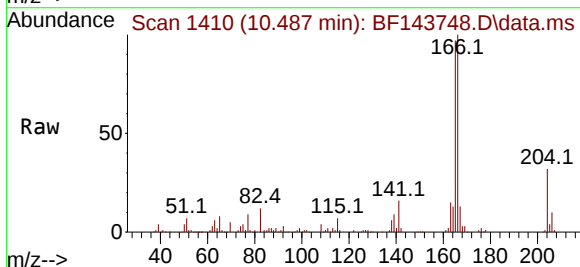
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

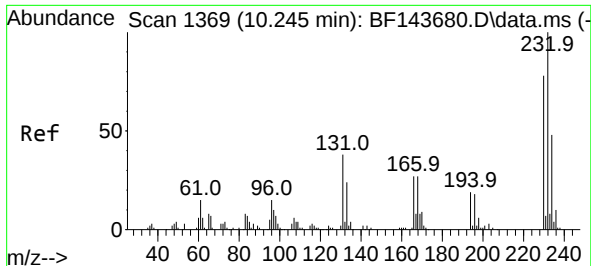
Tgt Ion:165 Resp: 44120  
Ion Ratio Lower Upper  
165 100  
63 38.6 31.5 47.3  
89 58.1 51.3 76.9  
182 2.6 2.2 3.4



#58  
Fluorene  
Concen: 41.349 ng  
RT: 10.487 min Scan# 1410  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:166 Resp: 158182  
Ion Ratio Lower Upper  
166 100  
165 96.6 77.5 116.3  
167 12.9 10.2 15.2

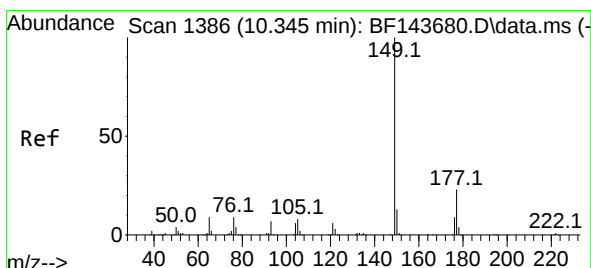
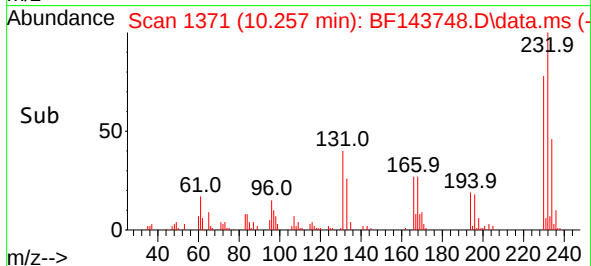
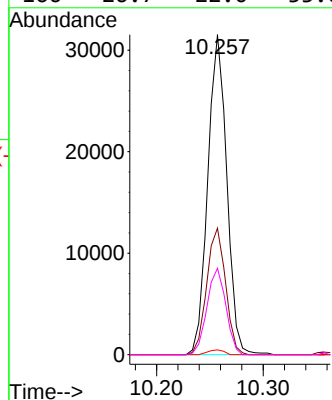
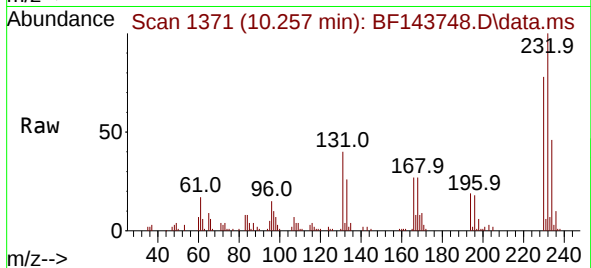




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.614 ng  
RT: 10.257 min Scan# 1371  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

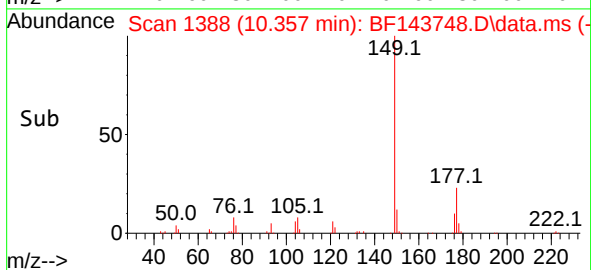
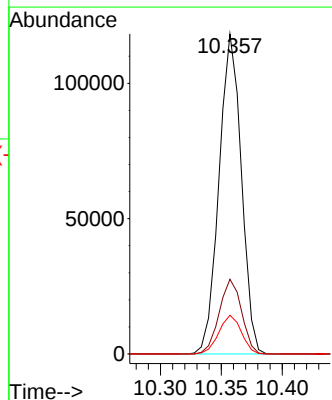
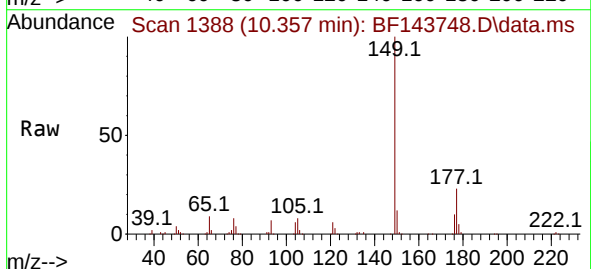
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

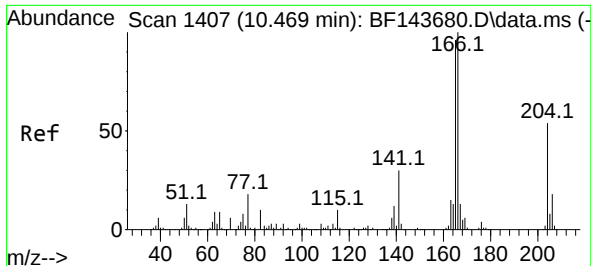
Tgt Ion:232 Resp: 39044  
Ion Ratio Lower Upper  
232 100  
131 39.3 31.9 47.9  
130 1.2 1.4 2.0#  
166 26.7 22.0 33.0



#60  
Diethylphthalate  
Concen: 40.451 ng  
RT: 10.357 min Scan# 1388  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:149 Resp: 150741  
Ion Ratio Lower Upper  
149 100  
177 23.3 18.2 27.2  
150 12.1 10.0 15.0

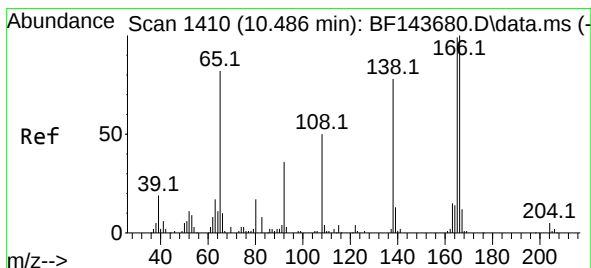
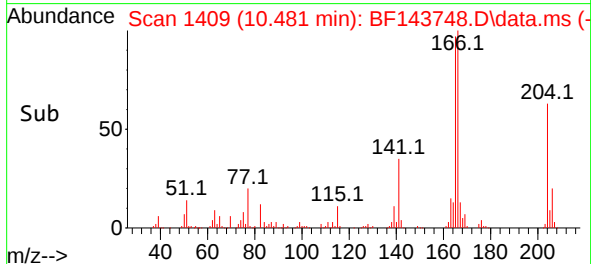
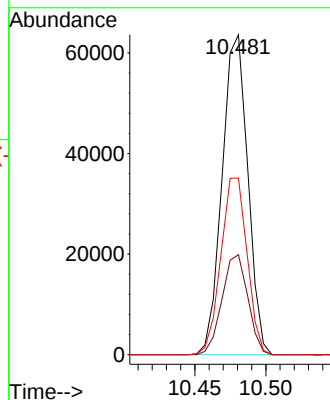
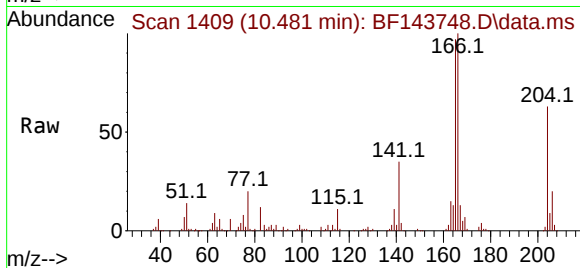




#61  
4-Chlorophenyl-phenylether  
Concen: 41.284 ng  
RT: 10.481 min Scan# 1409  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

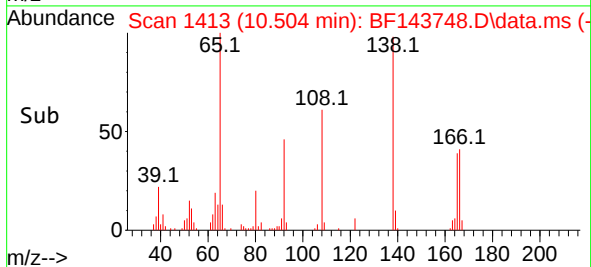
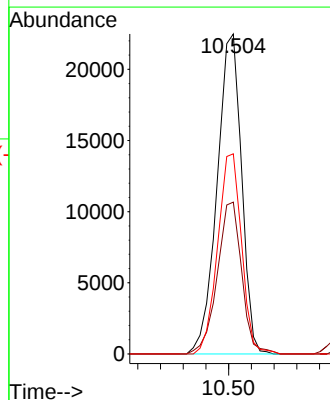
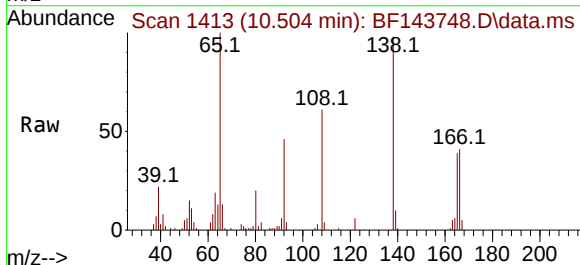
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

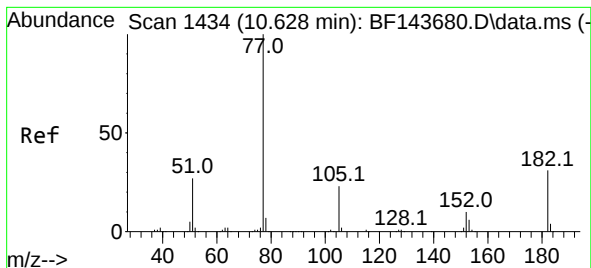
Tgt Ion:204 Resp: 80099  
Ion Ratio Lower Upper  
204 100  
206 31.2 26.0 39.0  
141 55.2 44.8 67.2



#62  
4-Nitroaniline  
Concen: 43.510 ng  
RT: 10.504 min Scan# 1413  
Delta R.T. 0.018 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:138 Resp: 33656  
Ion Ratio Lower Upper  
138 100  
92 47.4 26.4 66.4  
108 62.6 44.3 84.3





#63

Azobenzene

Concen: 40.508 ng

RT: 10.639 min Scan# 1436

Delta R.T. 0.012 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 133452

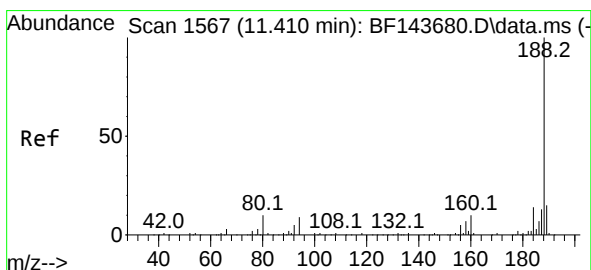
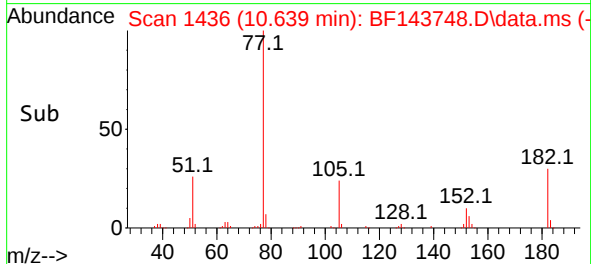
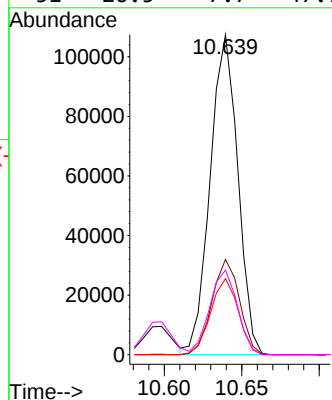
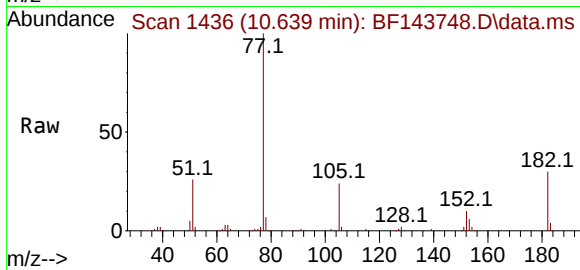
Ion Ratio Lower Upper

77 100

182 29.8 10.8 50.8

105 23.7 3.2 43.2

51 26.5 7.7 47.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. 0.018 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

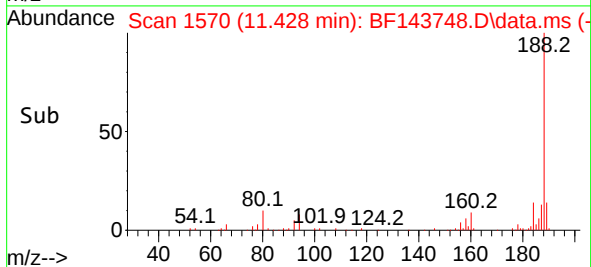
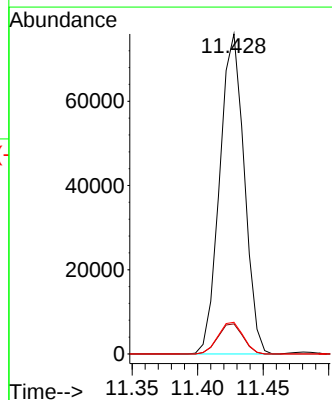
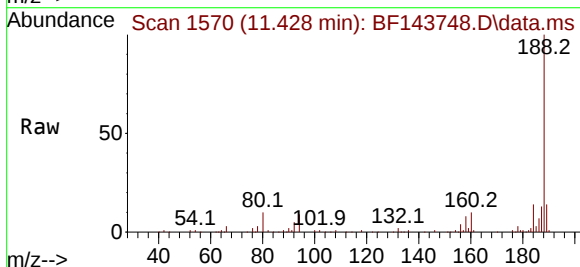
Tgt Ion:188 Resp: 98887

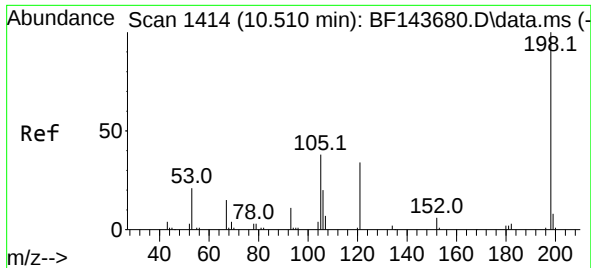
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.0

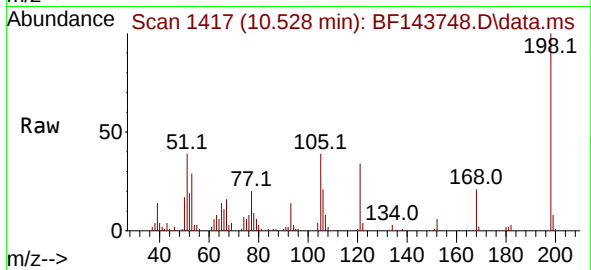
80 9.9 7.7 11.5



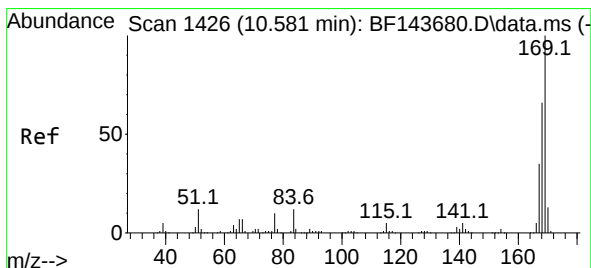
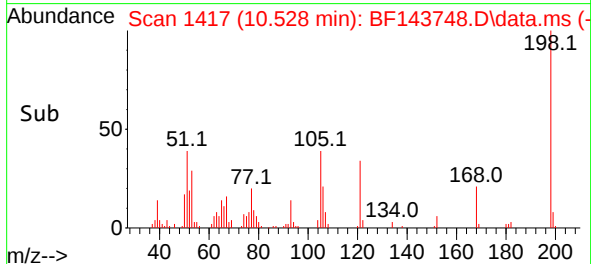
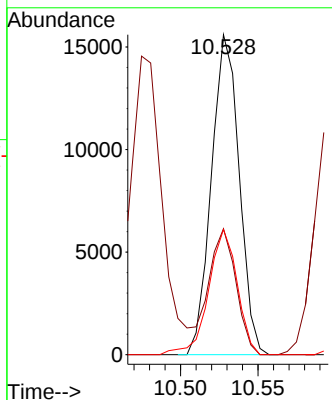


#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.568 ng  
RT: 10.528 min Scan# 1417  
Delta R.T. 0.018 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

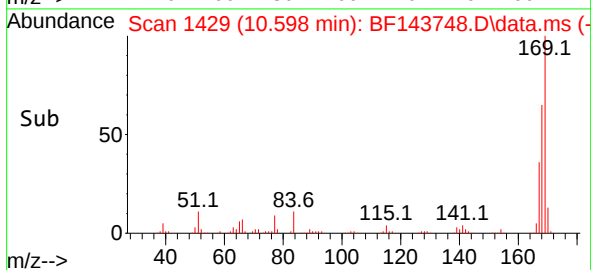
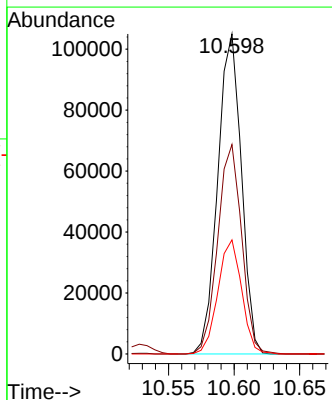
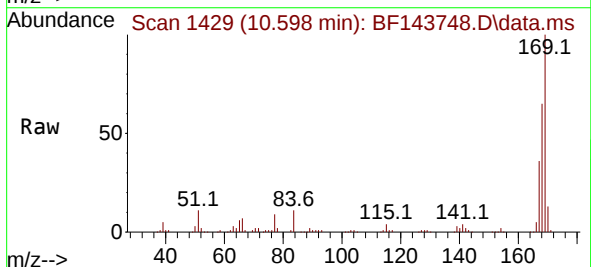


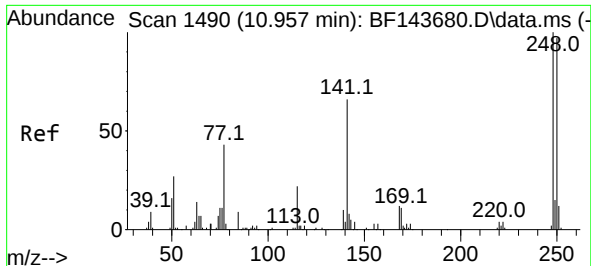
Tgt Ion:198 Resp: 19418  
Ion Ratio Lower Upper  
198 100  
51 39.4 21.2 61.2  
105 39.1 19.0 59.0



#66  
n-Nitrosodiphenylamine  
Concen: 40.567 ng  
RT: 10.598 min Scan# 1429  
Delta R.T. 0.018 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:169 Resp: 131417  
Ion Ratio Lower Upper  
169 100  
168 65.5 53.0 79.6  
167 35.7 28.1 42.1

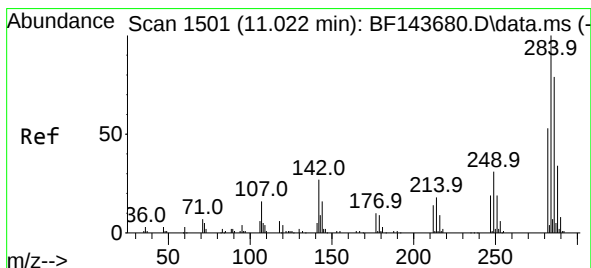
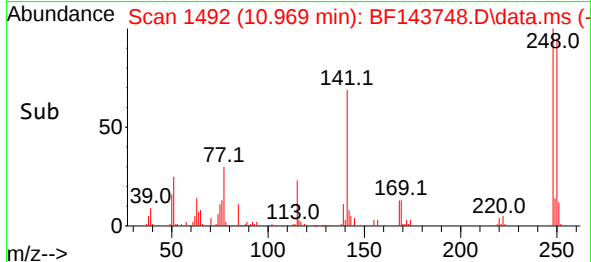
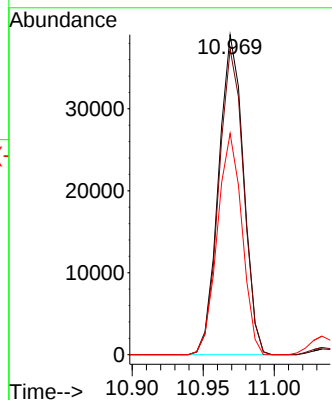
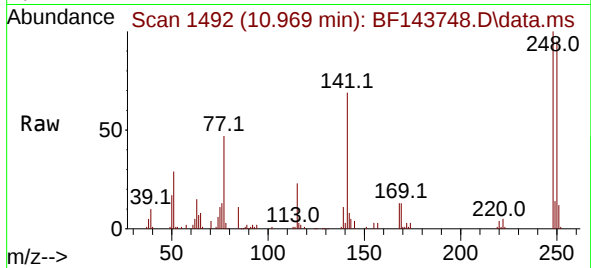




#67  
4-Bromophenyl-phenylether  
Concen: 39.825 ng  
RT: 10.969 min Scan# 1490  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

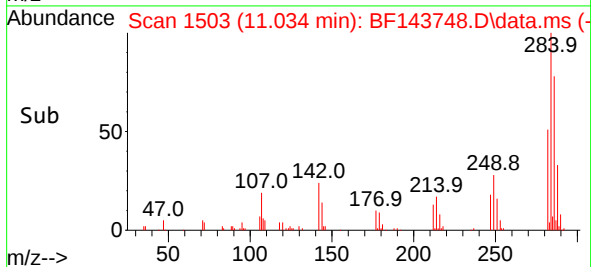
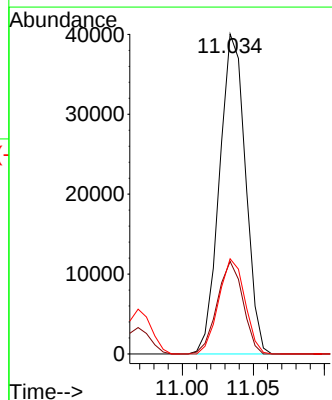
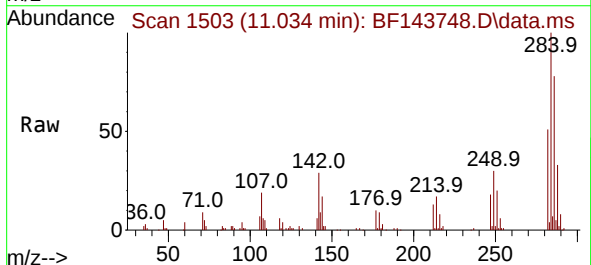
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

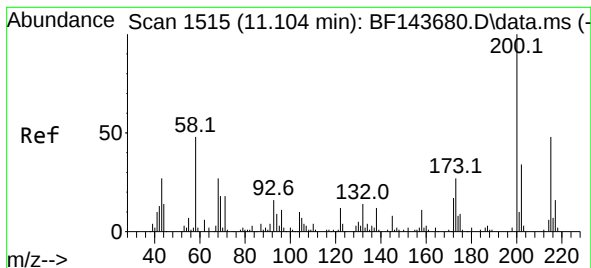
Tgt Ion:248 Resp: 47491  
Ion Ratio Lower Upper  
248 100  
250 95.5 77.5 116.3  
141 69.2 52.6 79.0



#68  
Hexachlorobenzene  
Concen: 40.454 ng  
RT: 11.034 min Scan# 1503  
Delta R.T. 0.012 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:284 Resp: 50937  
Ion Ratio Lower Upper  
284 100  
142 28.9 21.3 31.9  
249 29.8 25.0 37.4





#69

Atrazine

Concen: 40.399 ng

RT: 11.122 min Scan# 1518

Delta R.T. 0.018 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

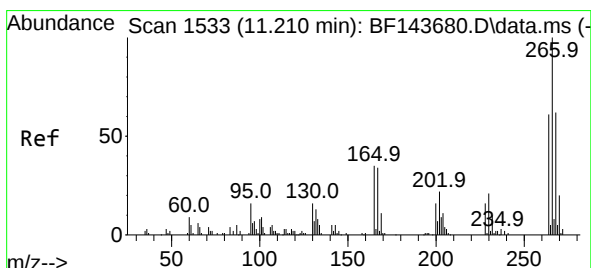
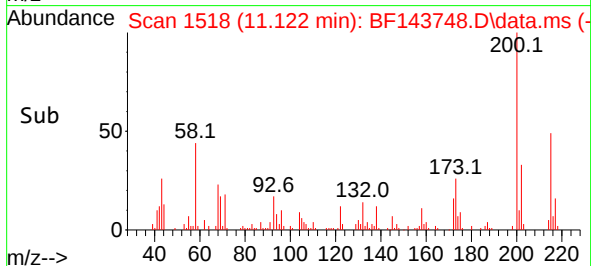
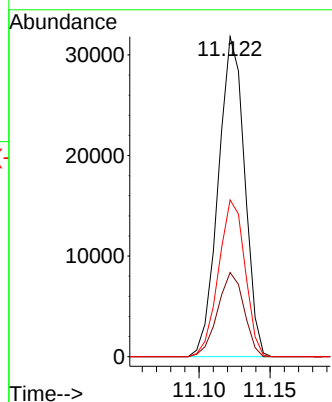
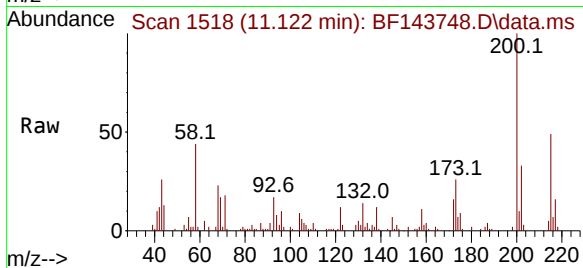
Tgt Ion:200 Resp: 41035

Ion Ratio Lower Upper

200 100

173 26.3 7.3 47.3

215 49.0 28.5 68.5



#70

Pentachlorophenol

Concen: 37.576 ng

RT: 11.228 min Scan# 1536

Delta R.T. 0.018 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

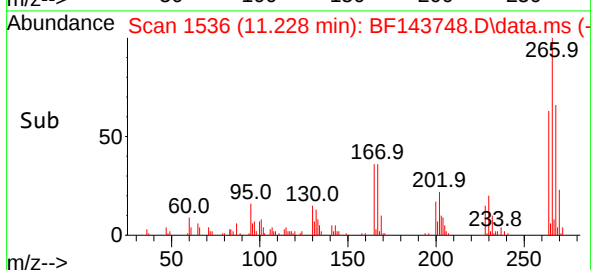
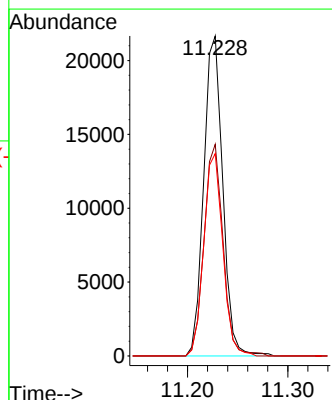
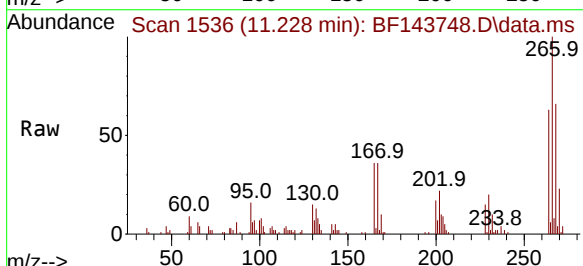
Tgt Ion:266 Resp: 28601

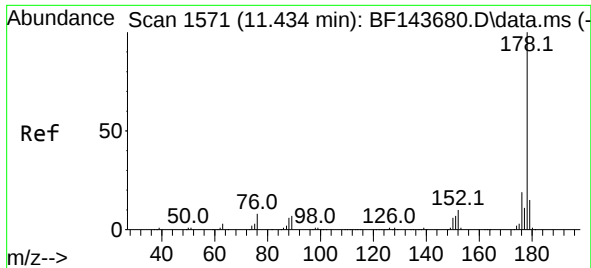
Ion Ratio Lower Upper

266 100

268 66.1 49.2 73.8

264 63.2 48.6 73.0

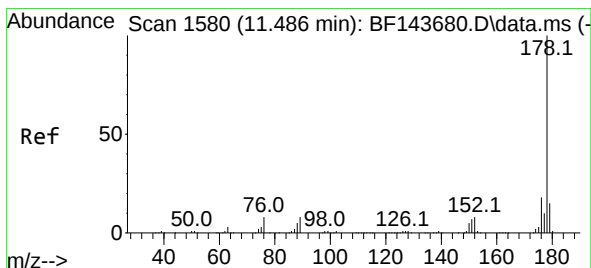
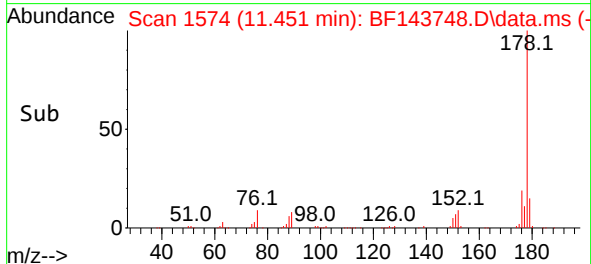
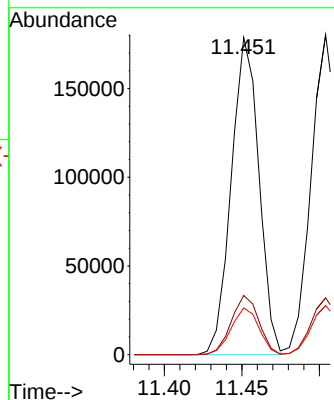
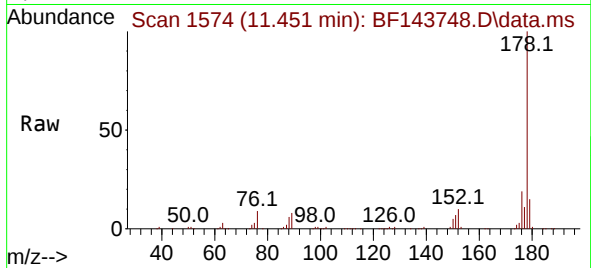




#71  
Phenanthrene  
Concen: 40.729 ng  
RT: 11.451 min Scan# 1574  
Delta R.T. 0.018 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

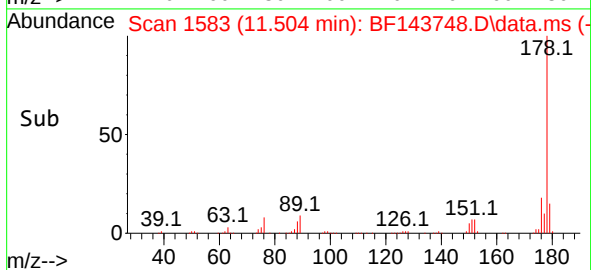
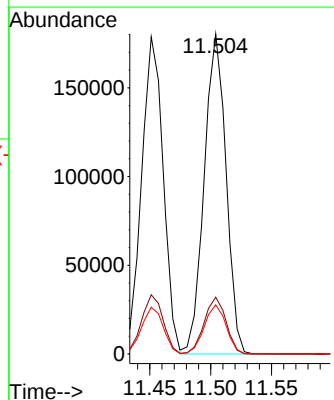
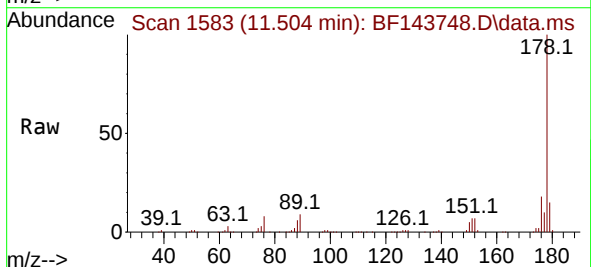
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

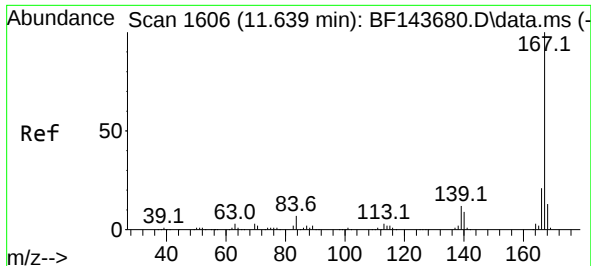
Tgt Ion:178 Resp: 221914  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.8 22.2  
179 14.7 12.2 18.2



#72  
Anthracene  
Concen: 41.147 ng  
RT: 11.504 min Scan# 1583  
Delta R.T. 0.018 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

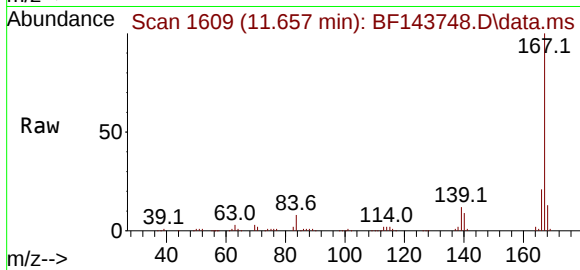
Tgt Ion:178 Resp: 225427  
Ion Ratio Lower Upper  
178 100  
176 17.7 14.5 21.7  
179 15.4 12.2 18.2



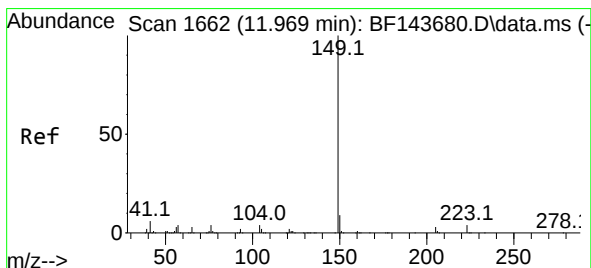
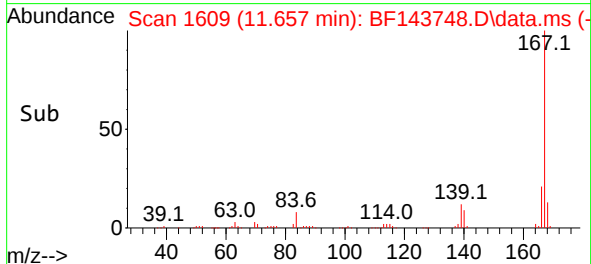
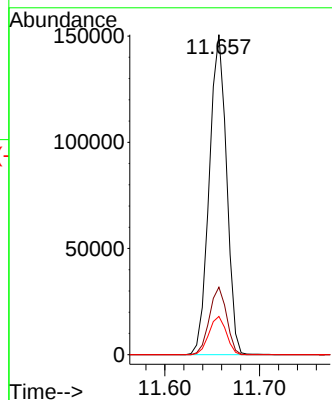


#73  
 Carbazole  
 Concen: 42.544 ng  
 RT: 11.657 min Scan# 1609  
 Delta R.T. 0.018 min  
 Lab File: BF143748.D  
 Acq: 15 Sep 2025 12:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

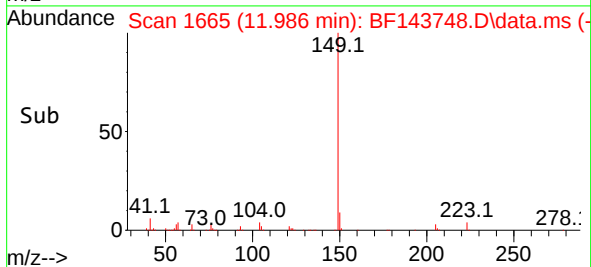
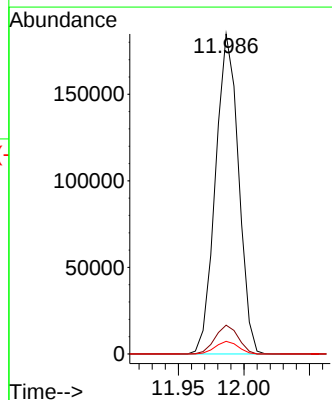
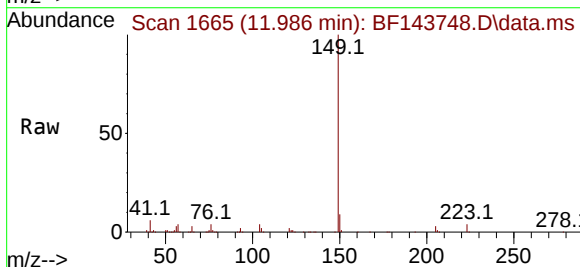


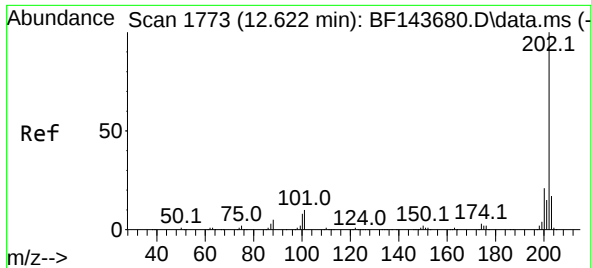
Tgt Ion:167 Resp: 190885  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.0 25.4  
 139 11.9 9.7 14.5



#74  
 Di-n-butylphthalate  
 Concen: 41.827 ng  
 RT: 11.986 min Scan# 1665  
 Delta R.T. 0.018 min  
 Lab File: BF143748.D  
 Acq: 15 Sep 2025 12:49

Tgt Ion:149 Resp: 225935  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.3 10.9  
 104 4.0 3.3 4.9

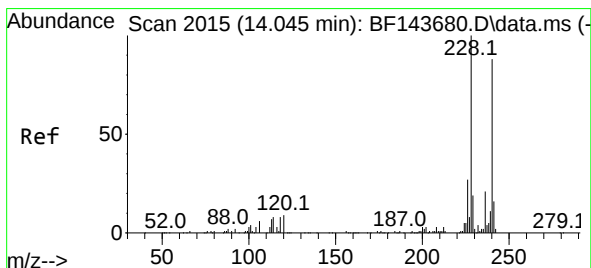
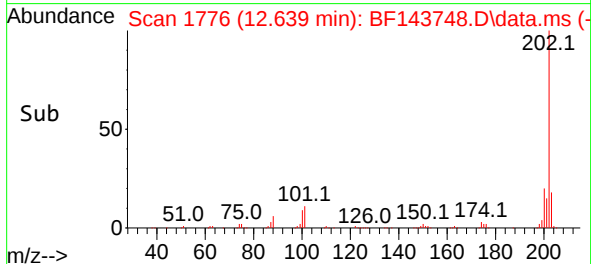
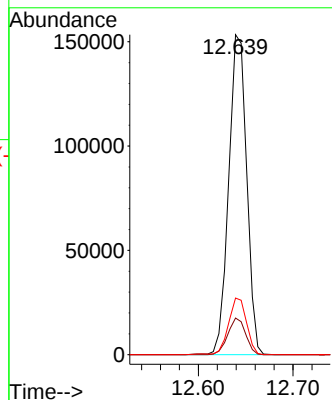
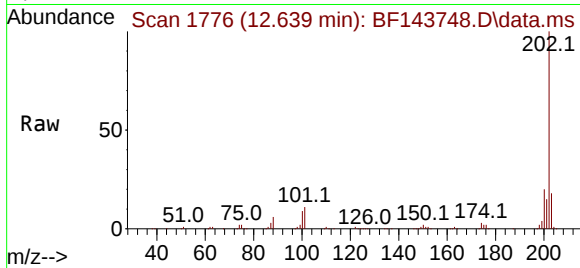




#75  
Fluoranthene  
Concen: 40.508 ng  
RT: 12.639 min Scan# 1  
Delta R.T. 0.018 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

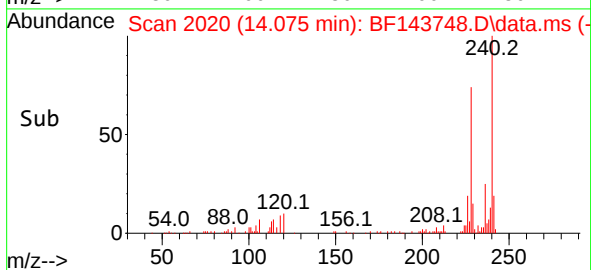
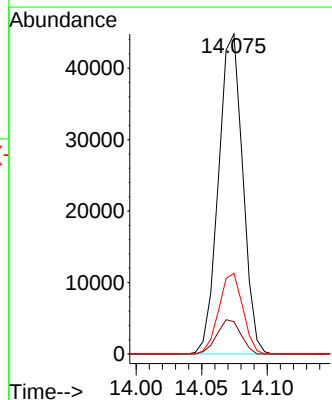
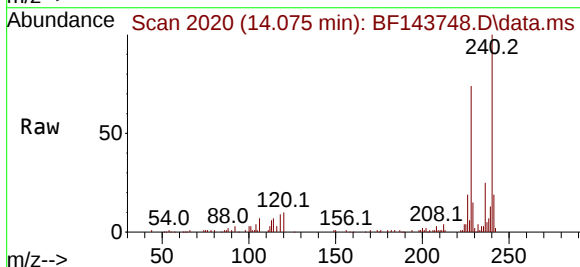
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

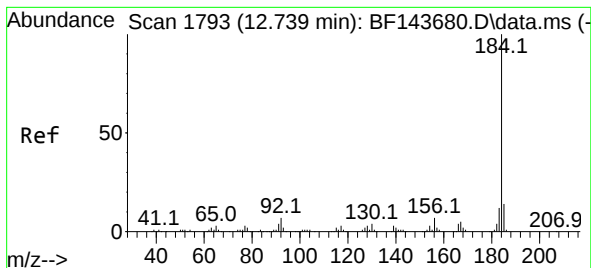
Tgt Ion:202 Resp: 202611  
Ion Ratio Lower Upper  
202 100  
101 11.5 0.0 30.5  
203 17.7 0.0 37.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.075 min Scan# 2020  
Delta R.T. 0.029 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:240 Resp: 57586  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.4 12.6  
236 25.1 18.6 28.0





#77

Benzidine

Concen: 37.112 ng

RT: 12.763 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

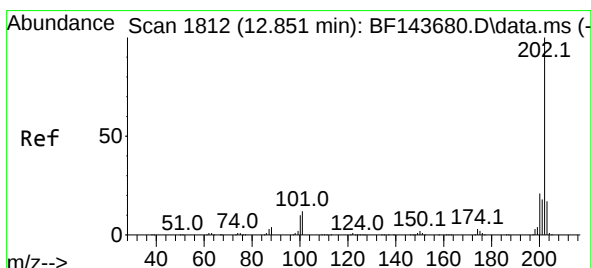
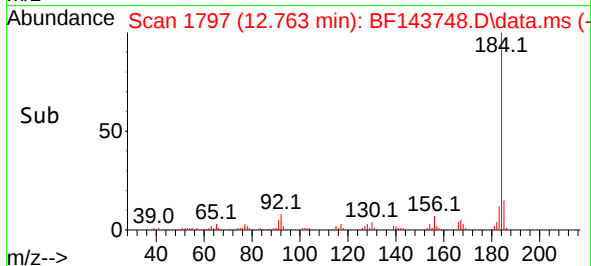
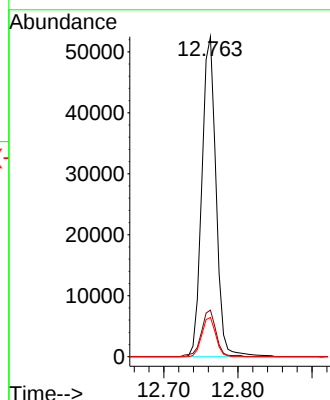
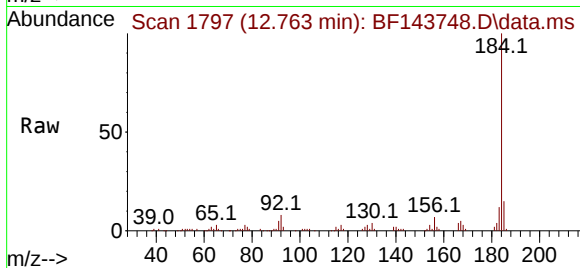
Tgt Ion:184 Resp: 69691

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

183 12.2 9.4 14.2



#78

Pyrene

Concen: 45.098 ng

RT: 12.875 min Scan# 1816

Delta R.T. 0.024 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

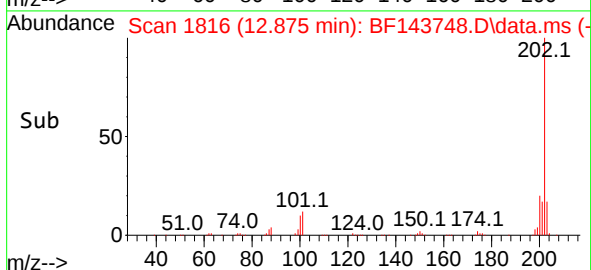
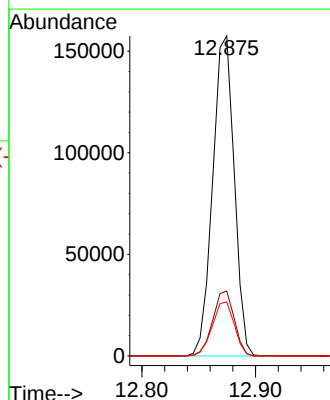
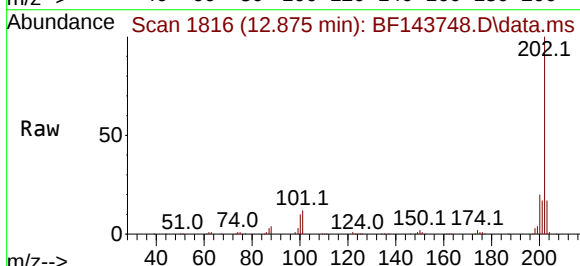
Tgt Ion:202 Resp: 207642

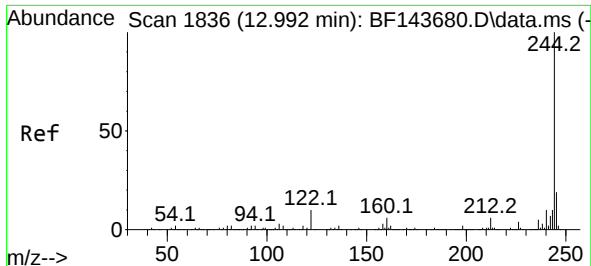
Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

203 16.9 13.5 20.3

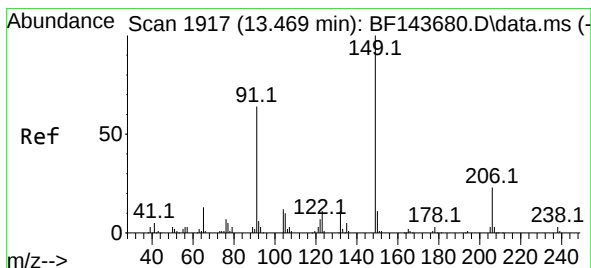
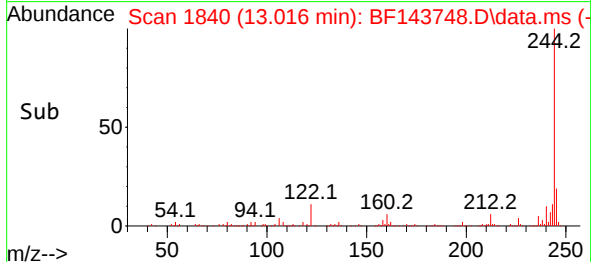
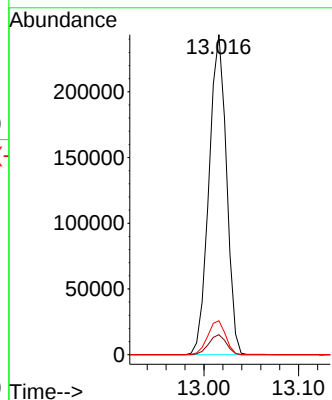
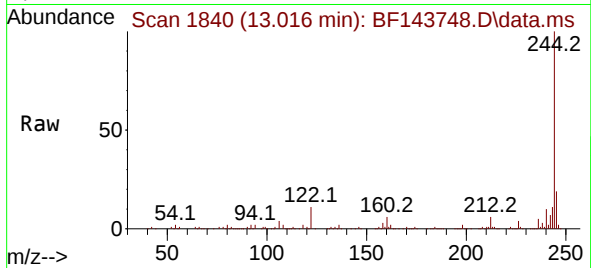




#79  
 Terphenyl-d14  
 Concen: 87.961 ng  
 RT: 13.016 min Scan# 1840  
 Delta R.T. 0.024 min  
 Lab File: BF143748.D  
 Acq: 15 Sep 2025 12:49

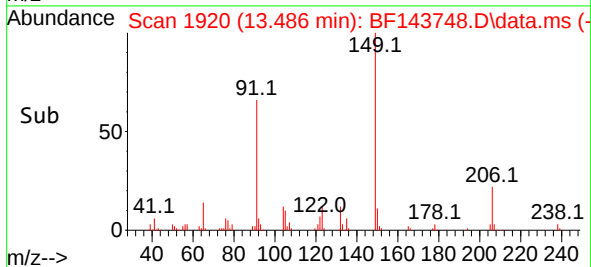
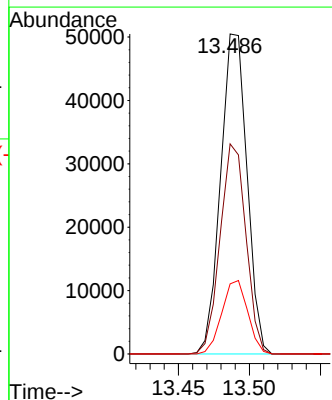
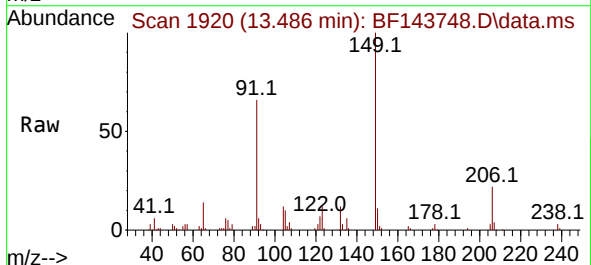
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

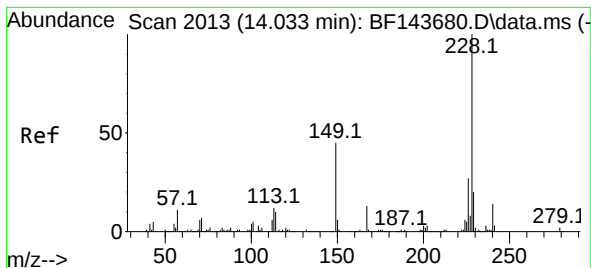
Tgt Ion:244 Resp: 312575  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.0 7.6  
 122 10.6 7.9 11.9



#80  
 Butylbenzylphthalate  
 Concen: 45.245 ng  
 RT: 13.486 min Scan# 1920  
 Delta R.T. 0.018 min  
 Lab File: BF143748.D  
 Acq: 15 Sep 2025 12:49

Tgt Ion:149 Resp: 65271  
 Ion Ratio Lower Upper  
 149 100  
 91 65.6 50.9 76.3  
 206 21.9 18.2 27.2





#81

Benzo(a)anthracene

Concen: 41.302 ng

RT: 14.063 min Scan# 2011

Delta R.T. 0.029 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

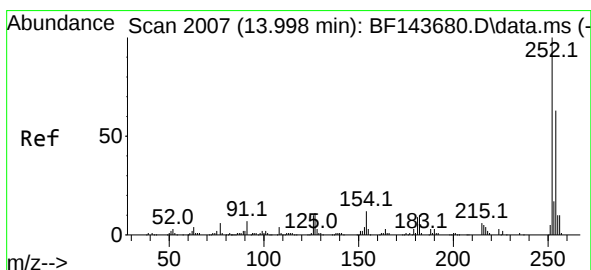
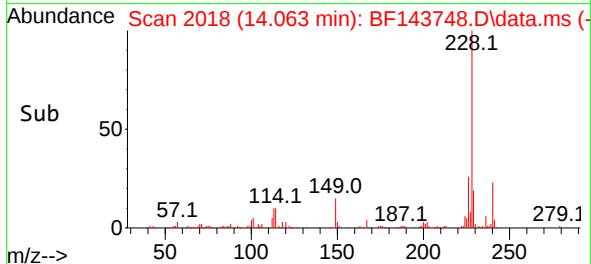
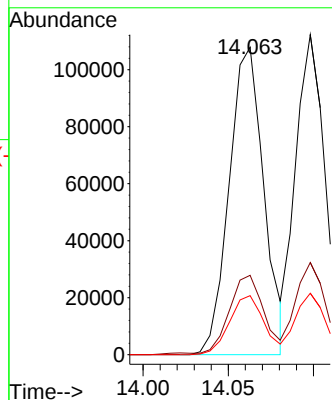
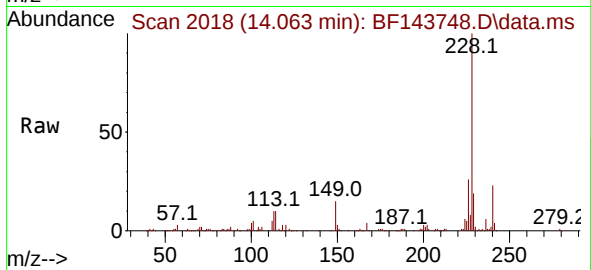
Tgt Ion:228 Resp: 153012

Ion Ratio Lower Upper

228 100

226 25.8 21.6 32.4

229 19.2 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 36.508 ng

RT: 14.022 min Scan# 2011

Delta R.T. 0.024 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

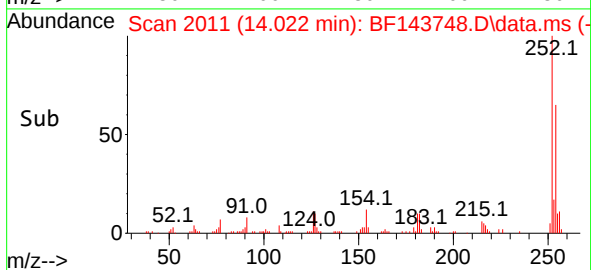
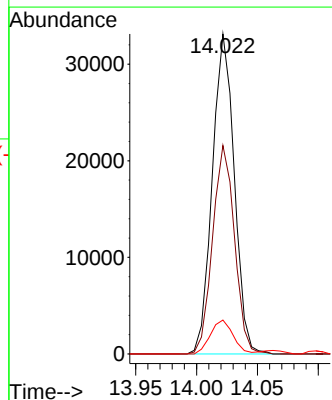
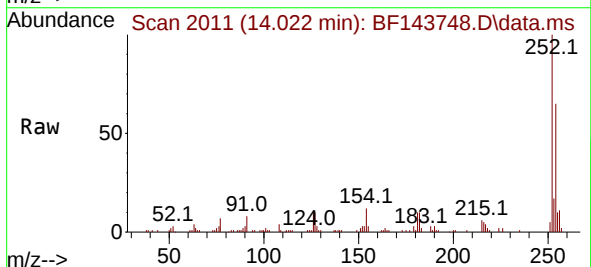
Tgt Ion:252 Resp: 41610

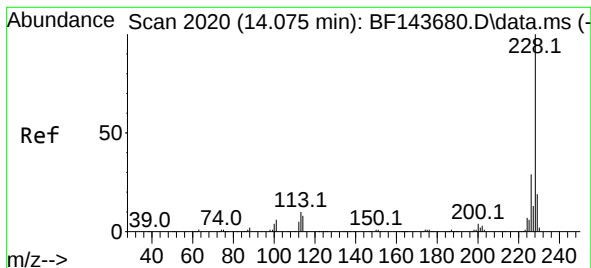
Ion Ratio Lower Upper

252 100

254 65.1 50.5 75.7

126 10.6 8.2 12.4





#83

Chrysene

Concen: 39.492 ng

RT: 14.098 min Scan# 2016

Delta R.T. 0.024 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

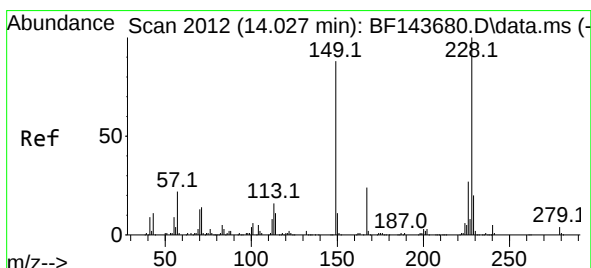
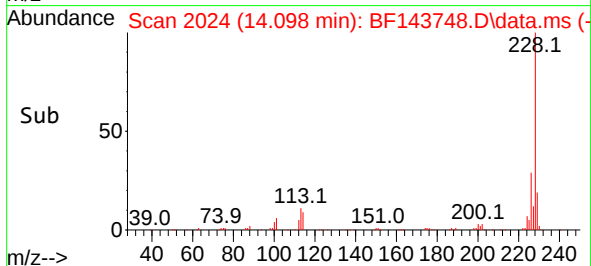
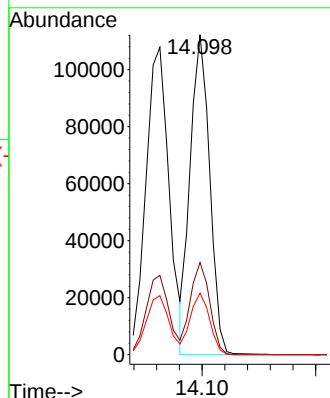
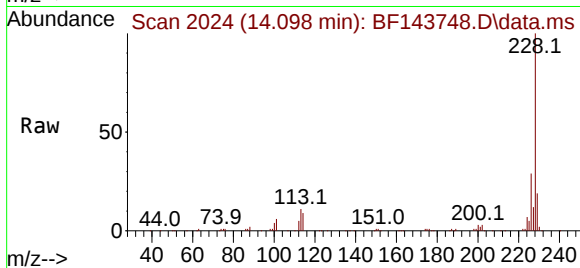
Tgt Ion:228 Resp: 133999

Ion Ratio Lower Upper

228 100

226 28.8 22.7 34.1

229 19.2 15.1 22.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.579 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.024 min

Lab File: BF143748.D

Acq: 15 Sep 2025 12:49

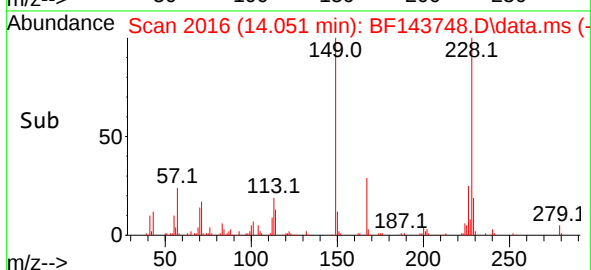
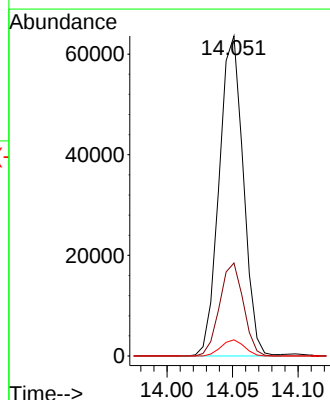
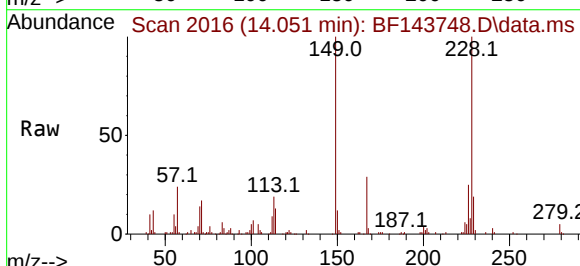
Tgt Ion:149 Resp: 81465

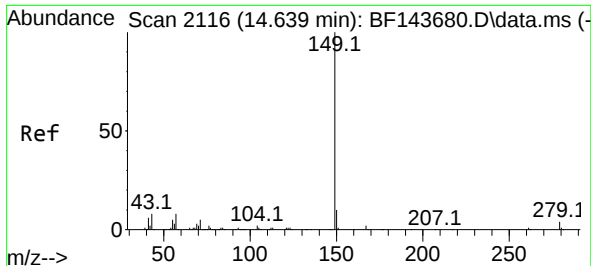
Ion Ratio Lower Upper

149 100

167 29.1 22.2 33.2

279 5.1 3.5 5.3

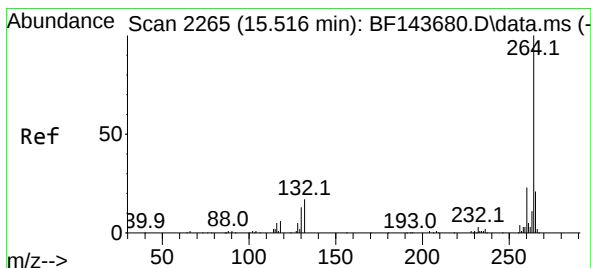
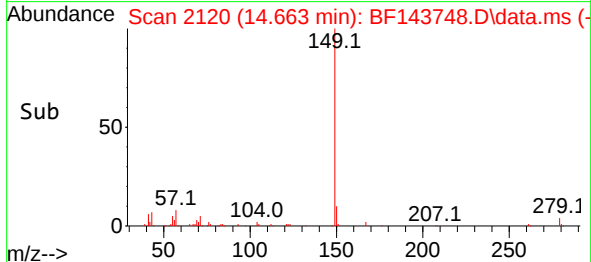
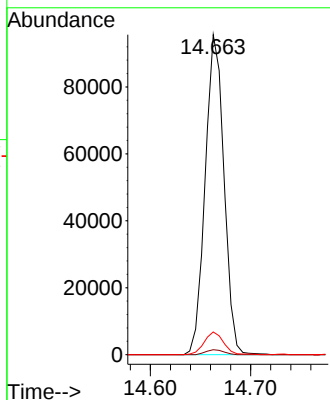
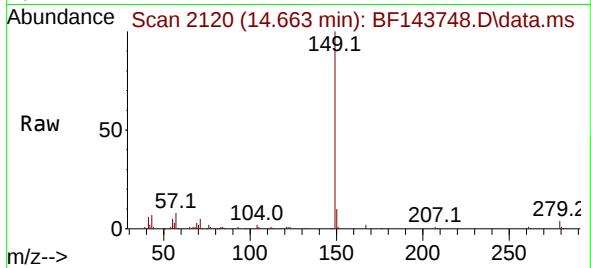




#85  
Di-n-octyl phthalate  
Concen: 33.817 ng  
RT: 14.663 min Scan# 2116  
Delta R.T. 0.024 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

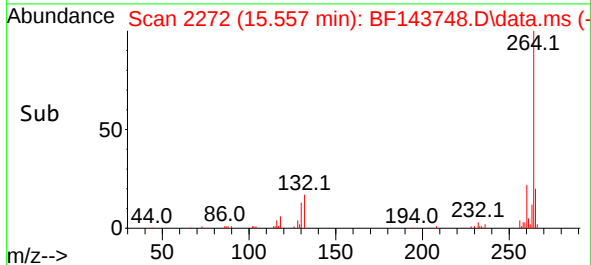
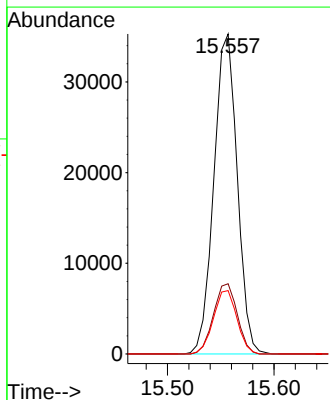
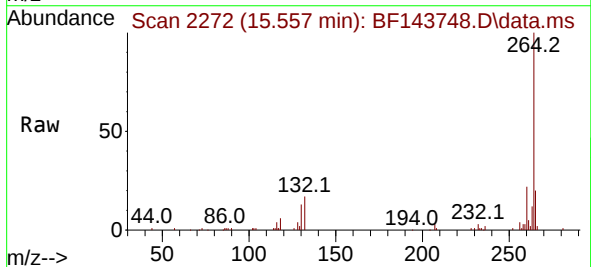
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

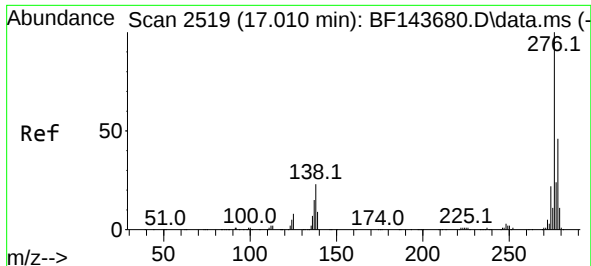
Tgt Ion:149 Resp: 124732  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 7.4 6.2 9.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.557 min Scan# 2272  
Delta R.T. 0.041 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:264 Resp: 53631  
Ion Ratio Lower Upper  
264 100  
260 22.0 18.4 27.6  
265 19.8 17.1 25.7

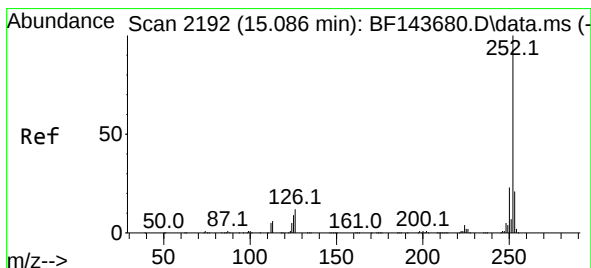
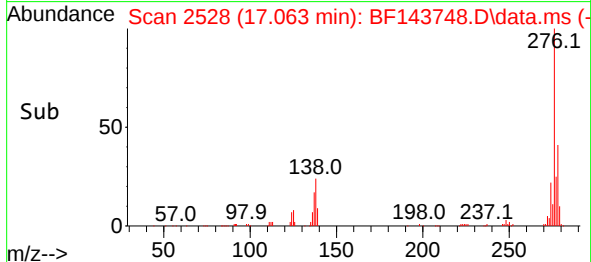
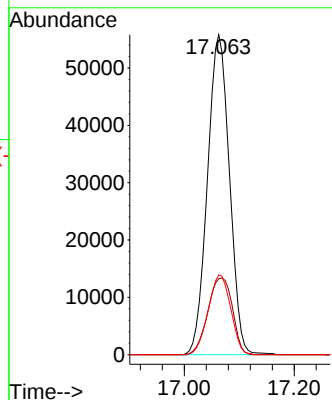
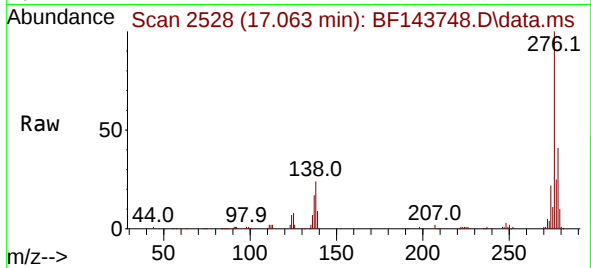




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.429 ng  
RT: 17.063 min Scan# 2152  
Delta R.T. 0.053 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

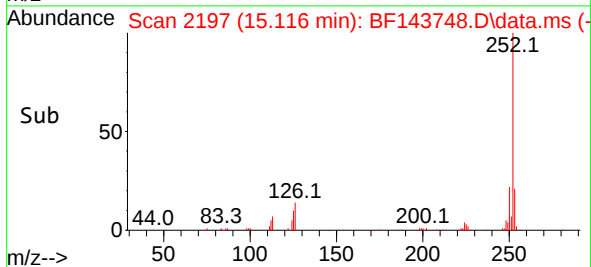
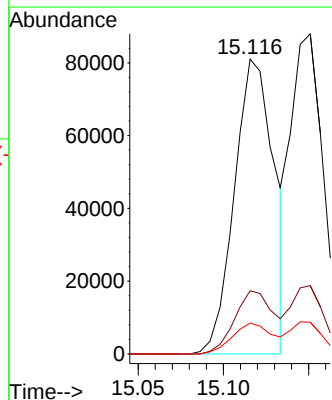
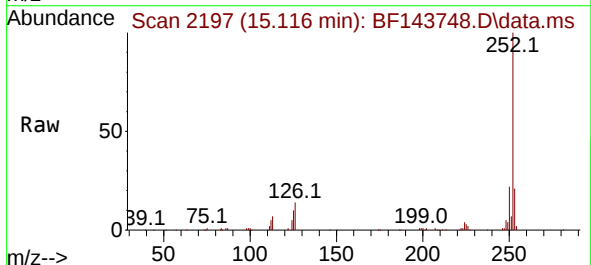
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

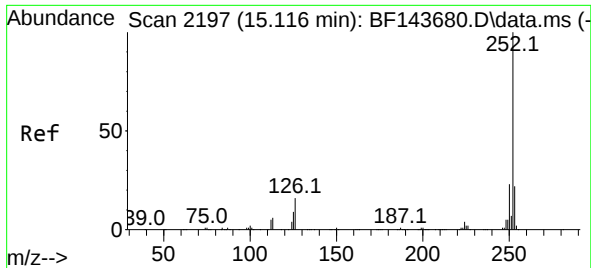
Tgt Ion:276 Resp: 155299  
Ion Ratio Lower Upper  
276 100  
138 26.6 19.7 29.5  
277 25.5 20.2 30.2



#88  
Benzo(b)fluoranthene  
Concen: 41.087 ng  
RT: 15.116 min Scan# 2197  
Delta R.T. 0.029 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:252 Resp: 131172  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.0 25.4  
125 10.5 7.4 11.0

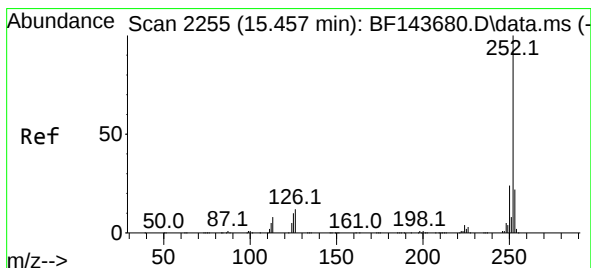
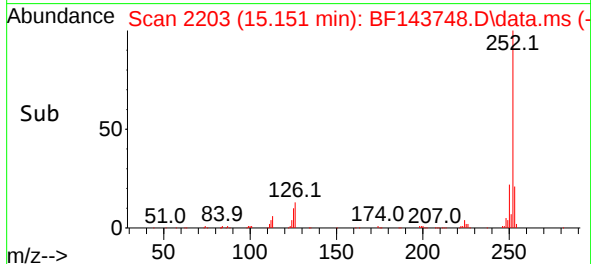
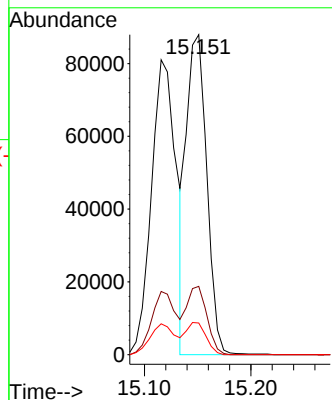
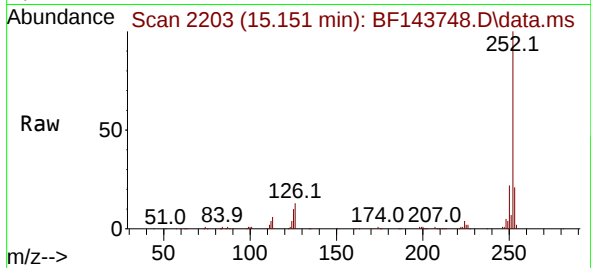




#89  
Benzo(k)fluoranthene  
Concen: 40.464 ng  
RT: 15.151 min Scan# 2197  
Delta R.T. 0.035 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

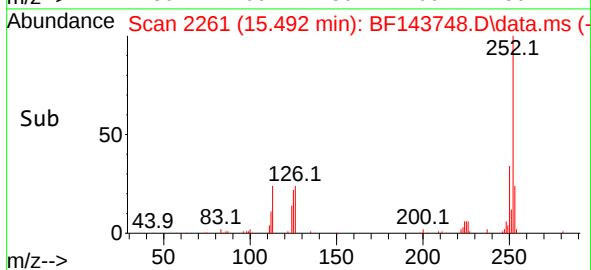
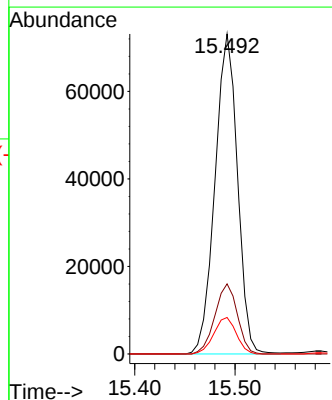
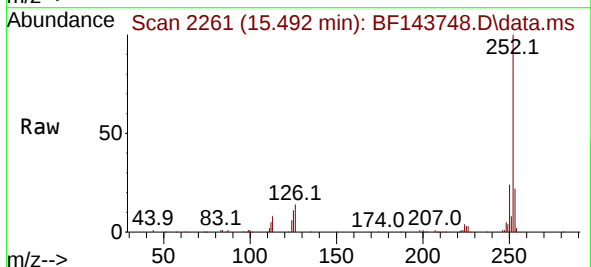
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ClientSampleId :  
SSTDCCC040

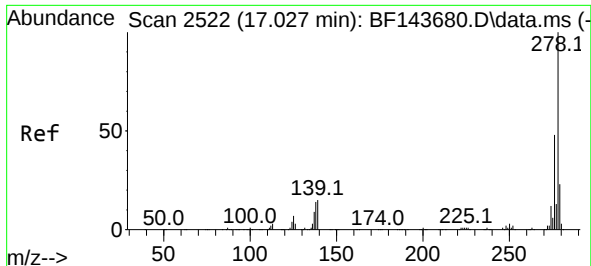
Tgt Ion:252 Resp: 116589  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.3 25.9  
125 9.9 7.3 10.9



#90  
Benzo(a)pyrene  
Concen: 40.538 ng  
RT: 15.492 min Scan# 2261  
Delta R.T. 0.035 min  
Lab File: BF143748.D  
Acq: 15 Sep 2025 12:49

Tgt Ion:252 Resp: 113699  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.0  
125 11.4 8.2 12.4

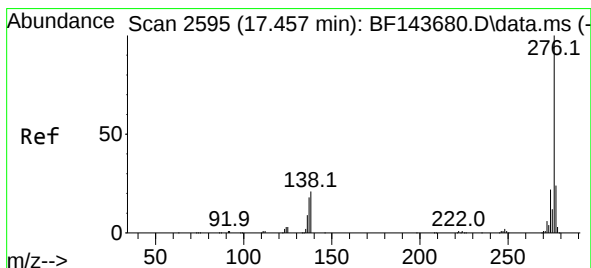
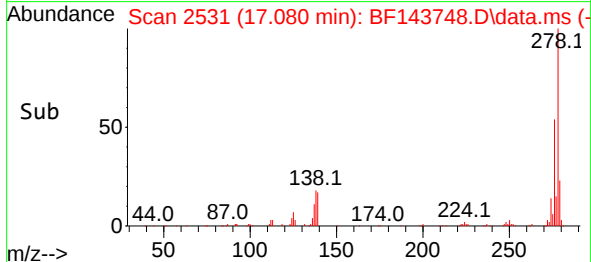
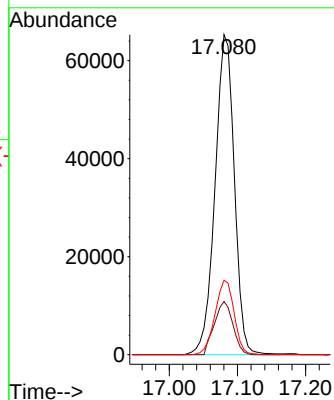
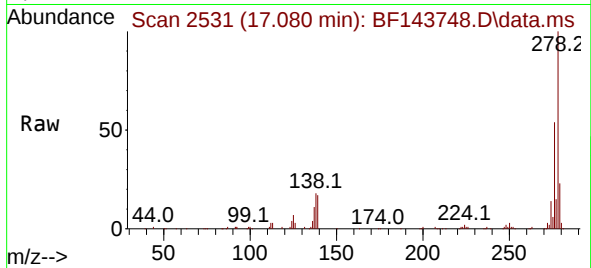




#91  
 Dibenzo(a,h)anthracene  
 Concen: 42.430 ng  
 RT: 17.080 min Scan# 21  
 Delta R.T. 0.053 min  
 Lab File: BF143748.D  
 Acq: 15 Sep 2025 12:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:278 Resp: 128850  
 Ion Ratio Lower Upper  
 278 100  
 139 16.6 12.2 18.4  
 279 23.3 18.7 28.1



#92  
 Benzo(g,h,i)perylene  
 Concen: 43.107 ng  
 RT: 17.521 min Scan# 2606  
 Delta R.T. 0.065 min  
 Lab File: BF143748.D  
 Acq: 15 Sep 2025 12:49

Tgt Ion:276 Resp: 122444  
 Ion Ratio Lower Upper  
 276 100  
 277 22.9 19.2 28.8  
 138 22.0 17.0 25.4

