

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092925\  
 Data File : BF143825.D  
 Acq On : 29 Sep 2025 16:44  
 Operator : RC/JU  
 Sample : Q3230-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WALL-PROBE-BRICK-1MSD

Quant Time: Sep 29 17:05:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 05:00:00 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 130106   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 506656   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 272537   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 450489   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 392846   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.533 | 264  | 560812   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 147916   | 18.471  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 700358   | 75.692  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 478360   | 57.793  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 44601    | 11.053  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 903541   | 51.735  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1209493  | 62.615  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.663  | 88   | 151467   | 39.517  | ng    | 96       |
| 3) Pyridine                   | 3.428  | 79   | 426499   | 41.222  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.375  | 42   | 238209   | 45.916  | ng    | 86       |
| 6) Aniline                    | 6.545  | 93   | 588504   | 43.823  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 407796   | 49.743  | ng    | 100      |
| 9) Benzaldehyde               | 6.434  | 77   | 247325   | 30.524  | ng    | 99       |
| 10) Phenol                    | 6.522  | 94   | 570910   | 53.084  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 408280   | 48.429  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 447998   | 47.066  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 456155   | 48.021  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 436761   | 48.547  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 376475   | 56.311  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 859348   | 42.987  | ng    | 96       |
| 17) 2-Methylphenol            | 7.134  | 107  | 329705   | 51.947  | ng    | 99       |
| 18) Hexachloroethane          | 7.398  | 117  | 155087   | 46.425  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 290523   | 48.827  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 393494   | 50.910  | ng    | 97       |
| 22) Acetophenone              | 7.292  | 105  | 572687   | 51.463  | ng    | 97       |
| 24) Nitrobenzene              | 7.463  | 77   | 449544   | 48.999  | ng    | 98       |
| 25) Isophorone                | 7.704  | 82   | 810355   | 50.241  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 205069   | 54.080  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 389731   | 54.060  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 491252   | 46.879  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 353518   | 49.836  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 361566   | 49.115  | ng    | 99       |
| 31) Naphthalene               | 8.192  | 128  | 1125484  | 46.403  | ng    | 100      |
| 32) Benzoic acid              | 7.916  | 122  | 265016   | 76.191  | ng    | 95       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 336584   | 39.489  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 252441   | 46.000  | ng    | 98       |
| 35) Caprolactam               | 8.604  | 113  | 118210   | 65.196  | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 358214   | 53.843  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 688975   | 44.549  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 707537   | 47.796  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 411531   | 50.036  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 600939   | 115.287 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 270022   | 52.431  | ng    | 99       |

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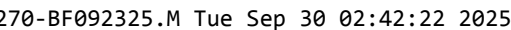
Instrument :  
 BNA\_F  
 ClientSampleId :  
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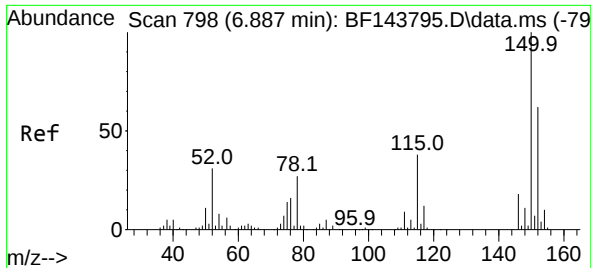
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 05:00:00 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 275653   | 51.172  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 992413   | 50.304  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 728457   | 45.872  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 290447   | 60.515  | ng    | 98       |
| 49) Acenaphthylene            | 9.786  | 152  | 1185730  | 54.238  | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 851089   | 51.236  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 180480   | 66.129  | ng    | 99       |
| 52) Acenaphthene              | 9.957  | 154  | 722321   | 50.209  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 155024   | 46.861  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 135553   | 100.192 | ng    | # 20     |
| 55) Dibenzofuran              | 10.133 | 168  | 994418   | 48.882  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 292618   | 109.767 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 238709   | 58.262  | ng    | 97       |
| 58) Fluorene                  | 10.475 | 166  | 760943   | 50.315  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 276540   | 59.925  | ng    | 98       |
| 60) Diethylphthalate          | 10.345 | 149  | 817921   | 52.601  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 385579   | 50.036  | ng    | 96       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 186960   | 60.106  | ng    | 98       |
| 63) Azobenzene                | 10.628 | 77   | 885020   | 54.005  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 102433   | 58.424  | ng    | 85       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 732480   | 49.441  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 393589   | 51.268  | ng    | 98       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 538402   | 50.890  | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 232920   | 54.291  | ng    | 97       |
| 70) Pentachlorophenol         | 11.216 | 266  | 562958   | 106.897 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 1178387  | 50.951  | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 1169171  | 50.397  | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 999286   | 49.266  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 1180532  | 50.606  | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 1174934  | 50.510  | ng    | 99       |
| 77) Benzidine                 | 12.745 | 184  | 499719   | 52.202  | ng    | 100      |
| 78) Pyrene                    | 12.857 | 202  | 1161743  | 60.150  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 382648   | 57.265  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 1083717  | 51.350  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 360730   | 39.455  | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 1019454  | 53.384  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 478905   | 48.895  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 781615   | 43.994  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 2084542  | 48.989  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 1546844  | 54.163  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 1414086  | 49.284  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 1456549  | 54.257  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.051 | 278  | 1688279  | 48.510  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.486 | 276  | 1671185  | 49.813  | ng    | 99       |

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

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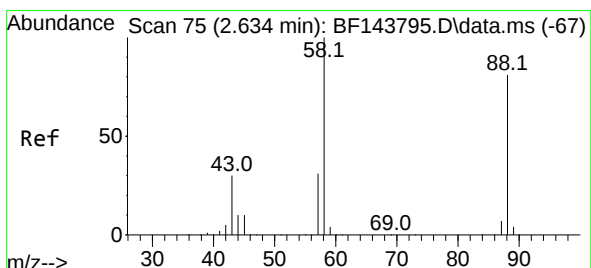
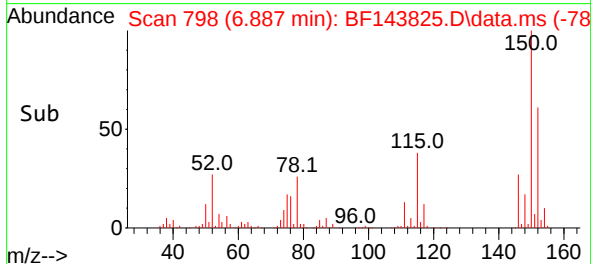
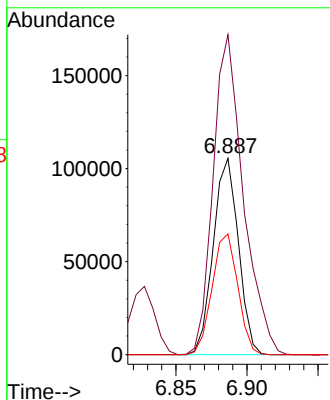
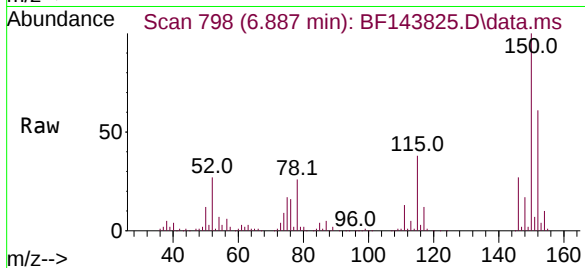




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.887 min Scan# 79  
 Delta R.T. -0.000 min  
 Lab File: BF143825.D  
 Acq: 29 Sep 2025 16:44

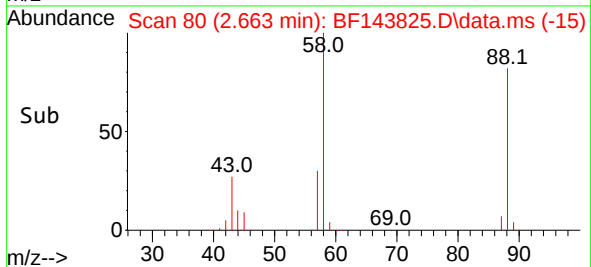
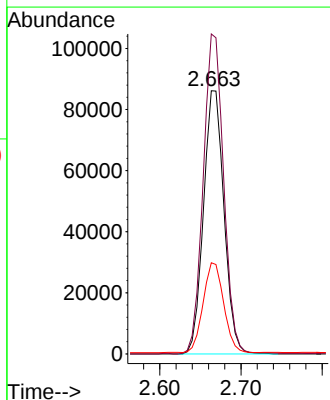
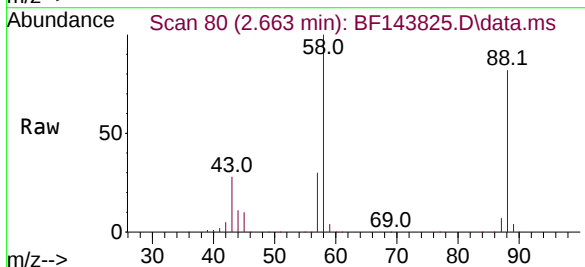
Instrument :  
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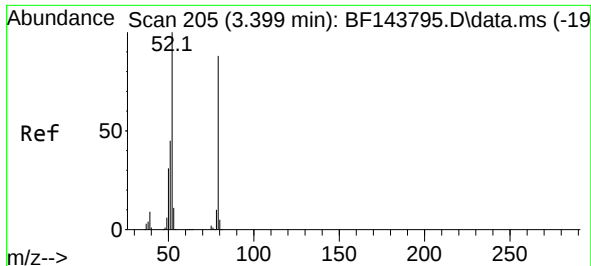
Tgt Ion:152 Resp: 130106  
 Ion Ratio Lower Upper  
 152 100  
 150 163.0 129.6 194.4  
 115 61.5 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: 39.517 ng  
 RT: 2.663 min Scan# 80  
 Delta R.T. 0.029 min  
 Lab File: BF143825.D  
 Acq: 29 Sep 2025 16:44

Tgt Ion: 88 Resp: 151467  
 Ion Ratio Lower Upper  
 88 100  
 58 121.3 99.4 149.2  
 43 34.3 30.6 45.8

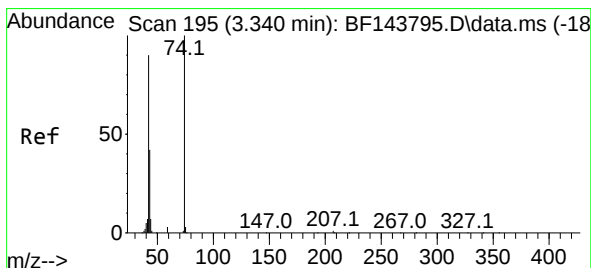
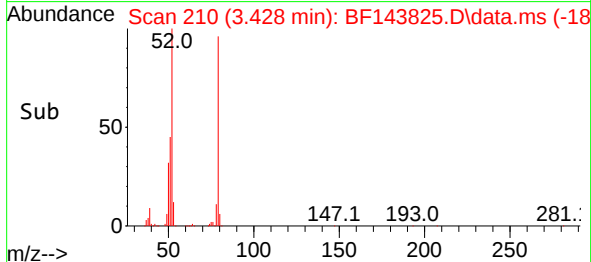
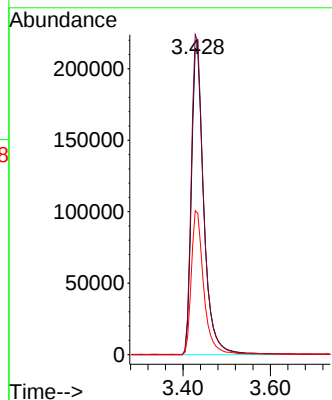
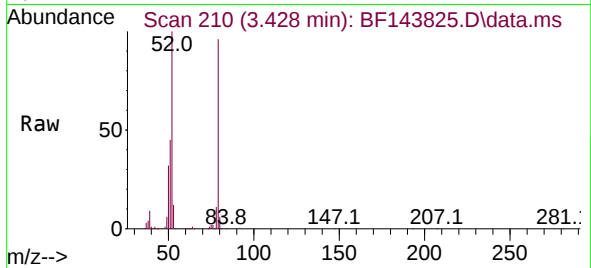




#3  
Pyridine  
Concen: 41.222 ng  
RT: 3.428 min Scan# 21  
Delta R.T. 0.029 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

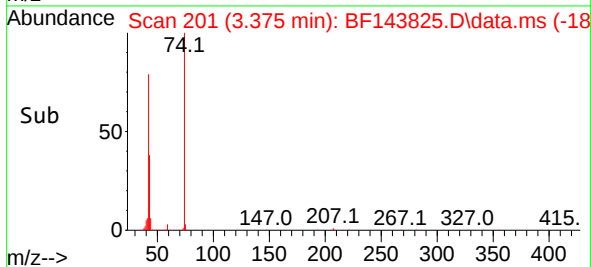
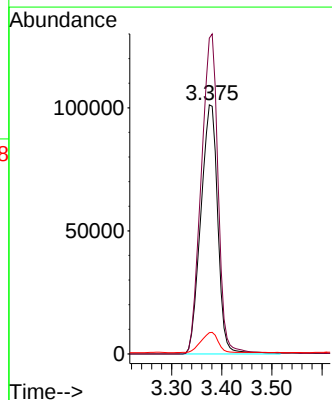
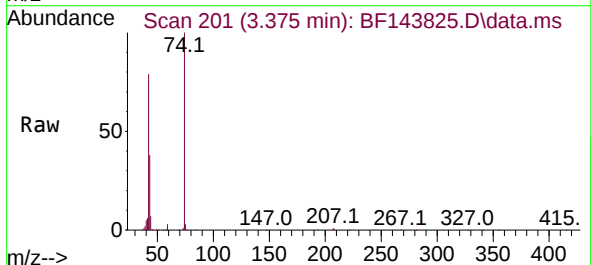
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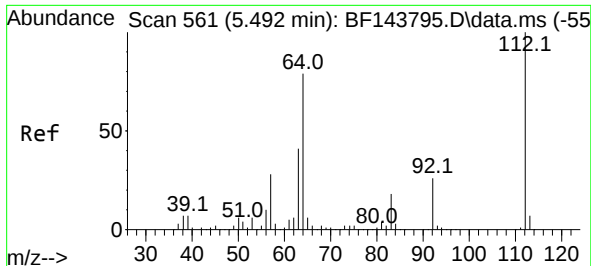
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Ion Ratio Lower Upper  
79 100  
52 104.5 90.5 135.7  
51 47.0 40.6 61.0



#4  
n-Nitrosodimethylamine  
Concen: 45.916 ng  
RT: 3.375 min Scan# 201  
Delta R.T. 0.018 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion: 42 Resp: 238209  
Ion Ratio Lower Upper  
42 100  
74 126.8 89.1 133.7  
44 8.5 6.4 9.6

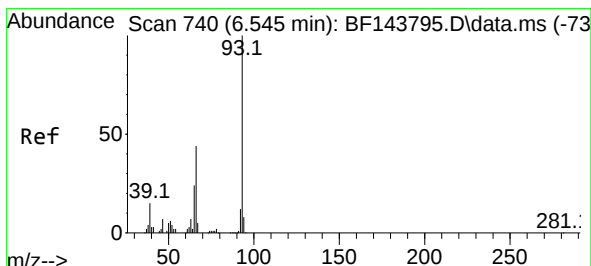
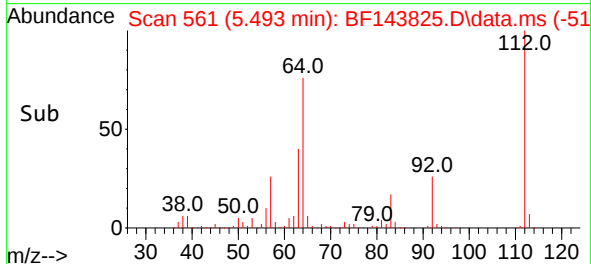
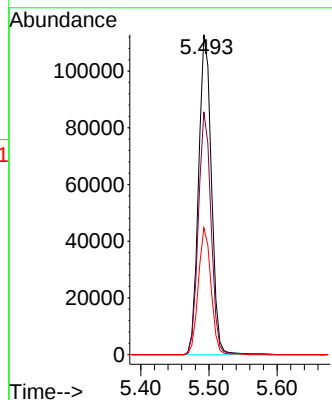
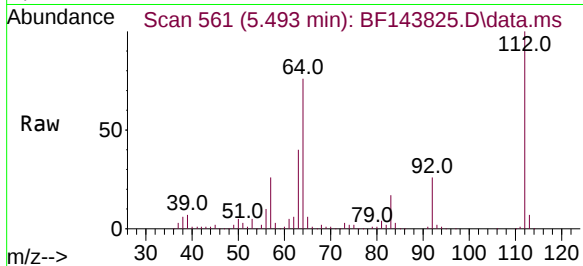




#5  
2-Fluorophenol  
Concen: 18.471 ng  
RT: 5.493 min Scan# 561  
Delta R.T. -0.005 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

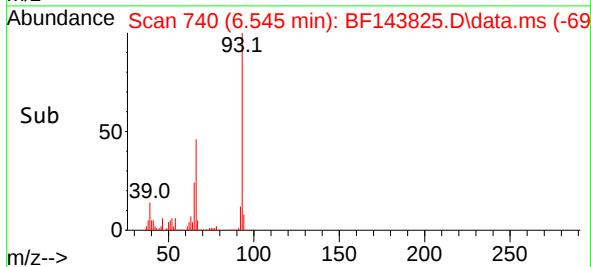
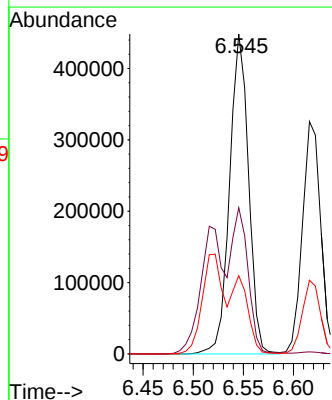
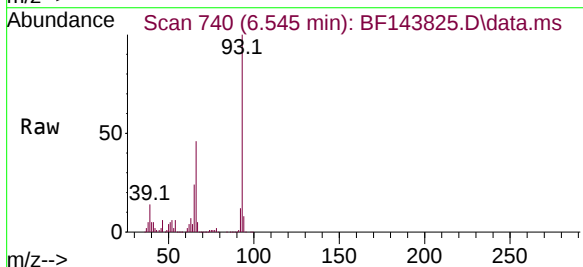
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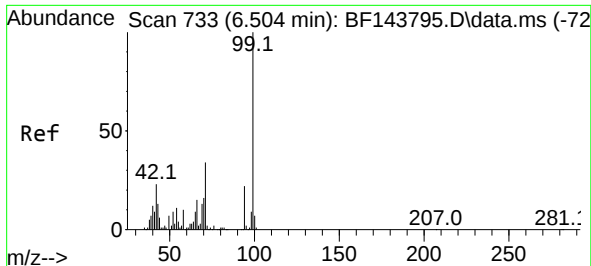
Tgt Ion:112 Resp: 147916  
Ion Ratio Lower Upper  
112 100  
64 75.9 63.0 94.4  
63 39.6 32.6 49.0



#6  
Aniline  
Concen: 43.823 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion: 93 Resp: 588504  
Ion Ratio Lower Upper  
93 100  
66 45.7 37.1 55.7  
65 24.4 19.4 29.0

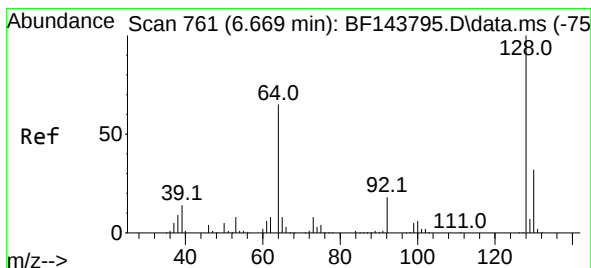
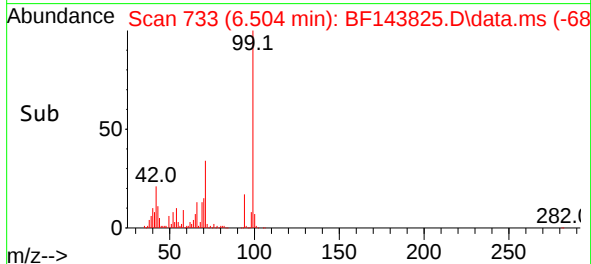
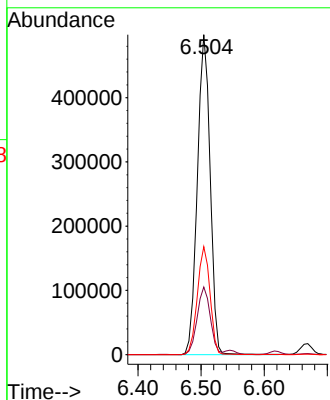
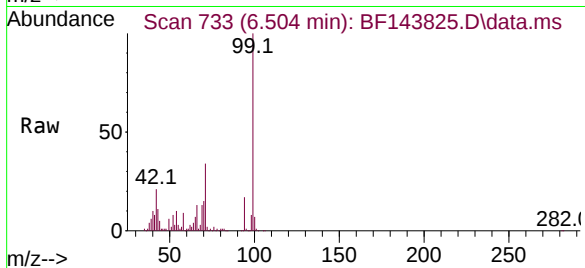




#7  
Phenol-d6  
Concen: 75.692 ng  
RT: 6.504 min Scan# 733  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

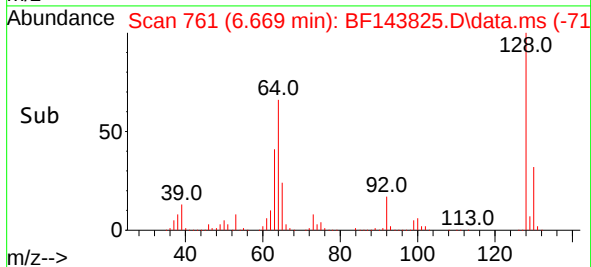
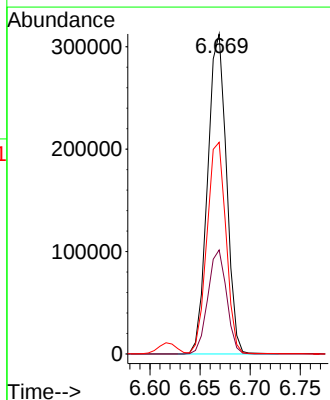
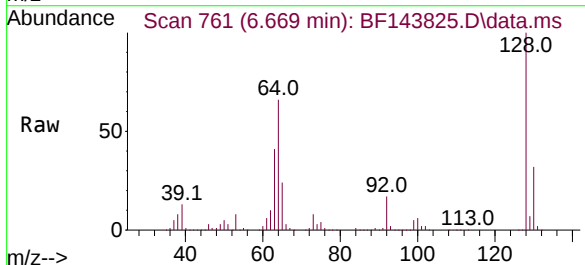
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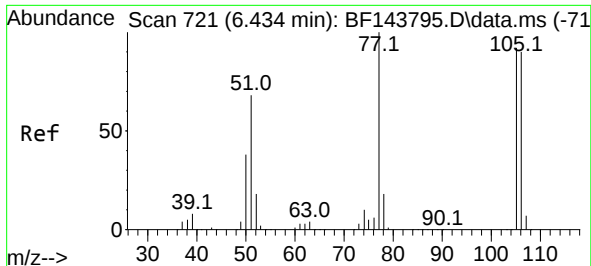
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 700358 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 21.1  | 18.6  | 28.0   |
| 71       | 33.7  | 27.0  | 40.4   |



#8  
2-Chlorophenol  
Concen: 49.743 ng  
RT: 6.669 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 407796 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.5  | 12.2  | 52.2   |
| 64       | 66.1  | 46.5  | 86.5   |





#9

Benzaldehyde

Concen: 30.524 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143825.D

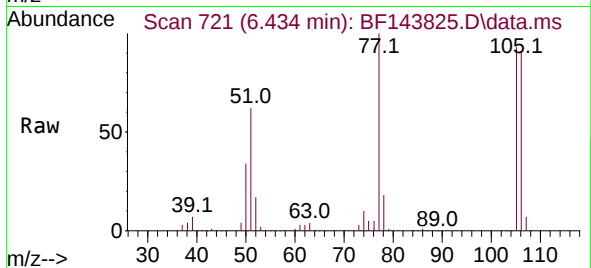
Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD



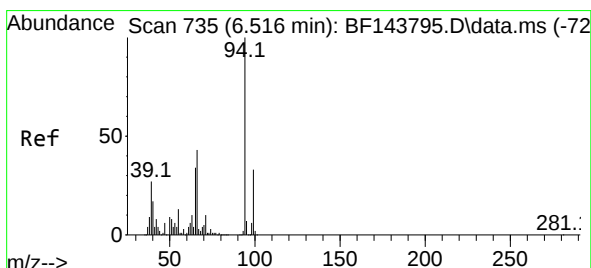
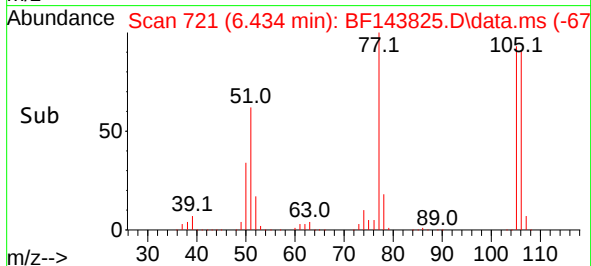
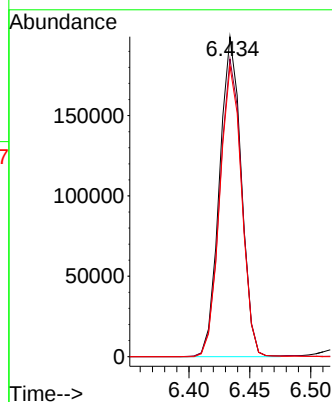
Tgt Ion: 77 Resp: 247325

Ion Ratio Lower Upper

77 100

105 93.0 71.8 111.8

106 90.7 69.8 109.8



#10

Phenol

Concen: 53.084 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

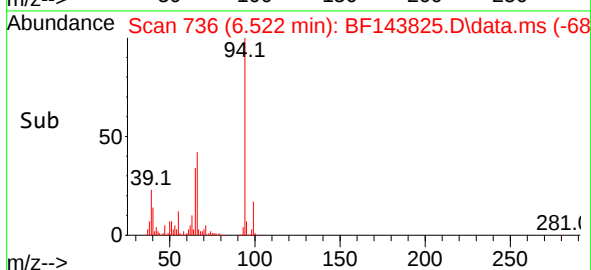
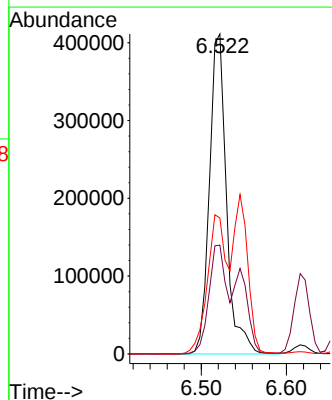
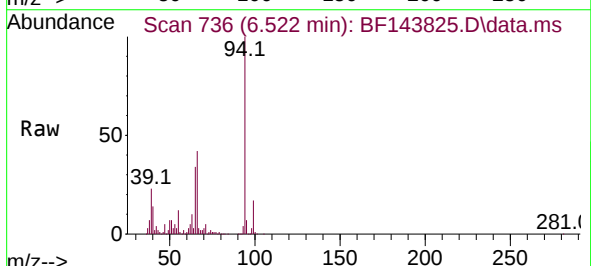
Tgt Ion: 94 Resp: 570910

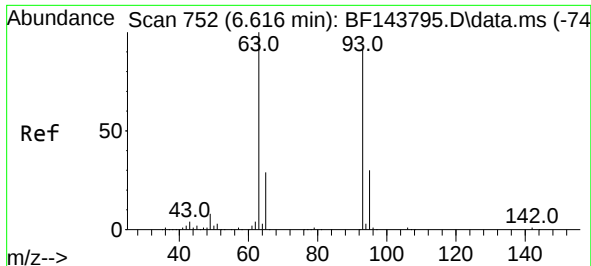
Ion Ratio Lower Upper

94 100

65 34.0 14.2 54.2

66 42.5 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 48.429 ng

RT: 6.616 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

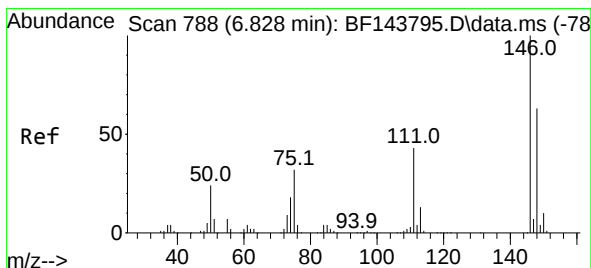
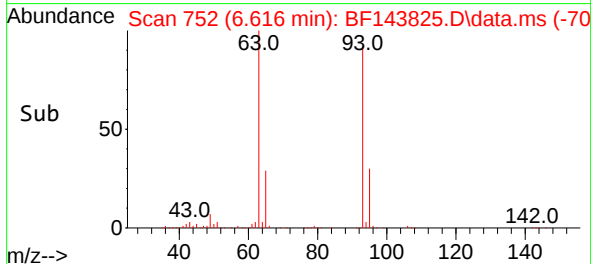
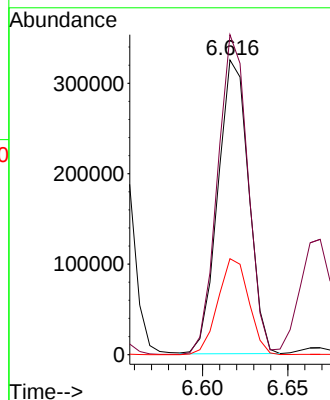
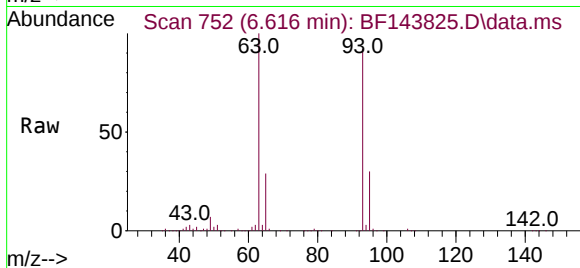
Tgt Ion: 93 Resp: 408280

Ion Ratio Lower Upper

93 100

63 108.6 89.2 129.2

95 32.6 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 47.066 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

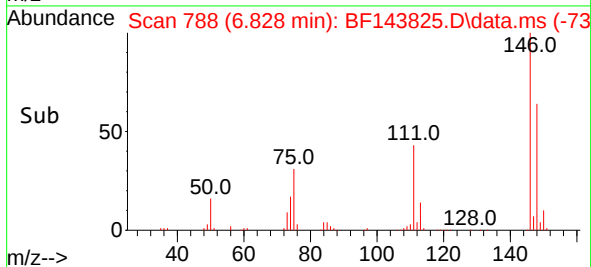
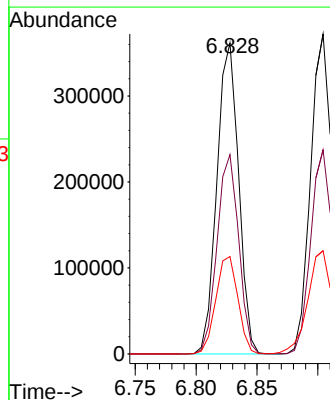
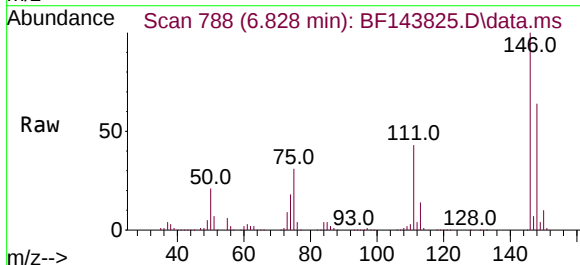
Tgt Ion:146 Resp: 447998

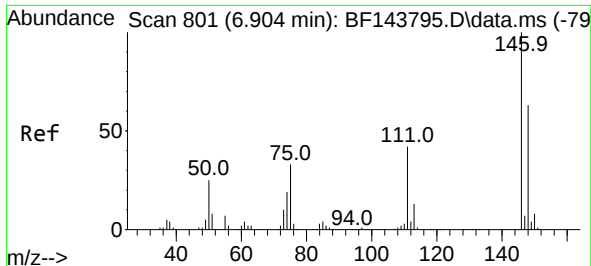
Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

75 31.3 25.6 38.4

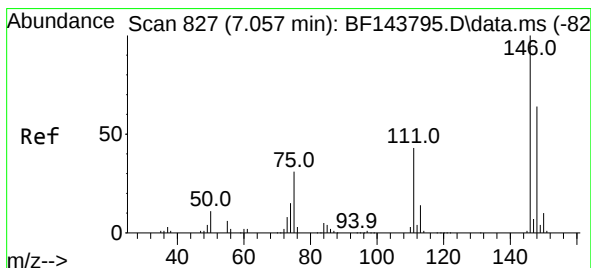
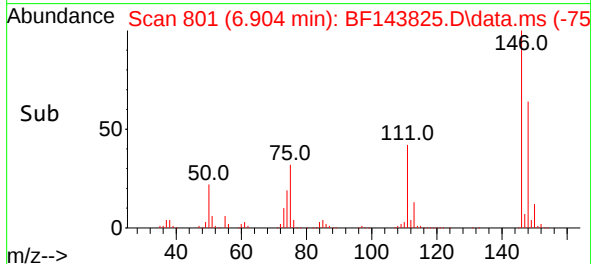
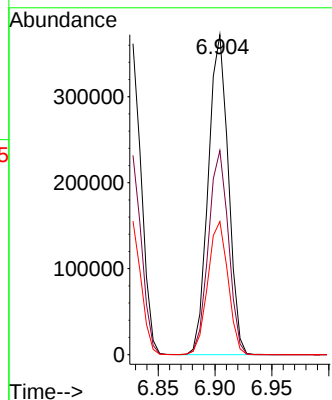
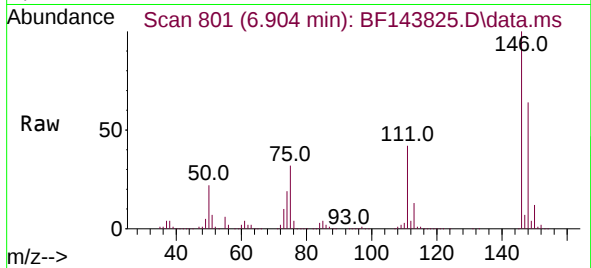




#13  
1,4-Dichlorobenzene  
Concen: 48.021 ng  
RT: 6.904 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

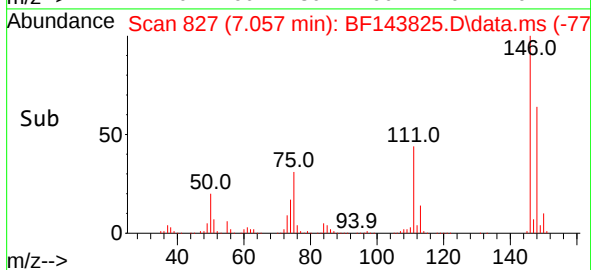
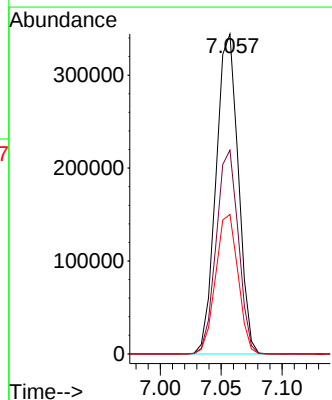
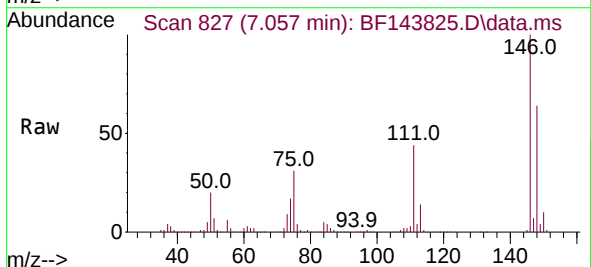
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

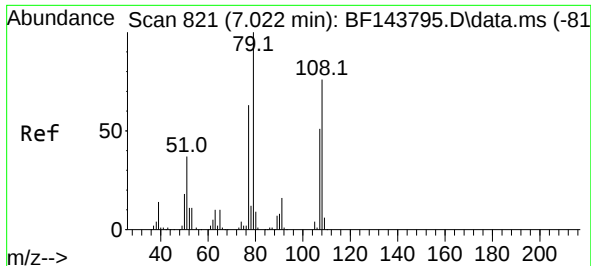
Tgt Ion:146 Resp: 456155  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.7 76.1  
111 41.6 33.4 50.2



#14  
1,2-Dichlorobenzene  
Concen: 48.547 ng  
RT: 7.057 min Scan# 827  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:146 Resp: 436761  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.1 76.7  
111 43.6 34.3 51.5

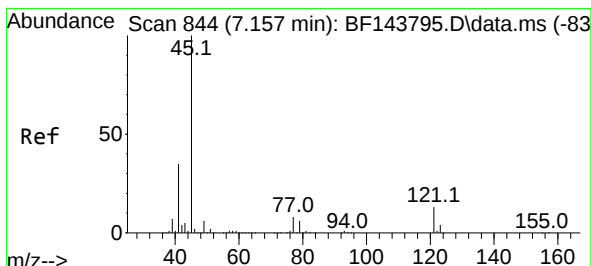
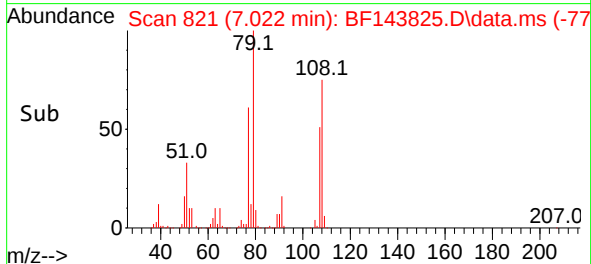
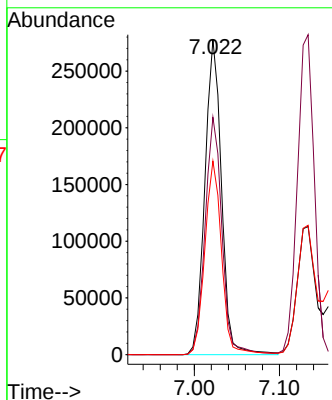
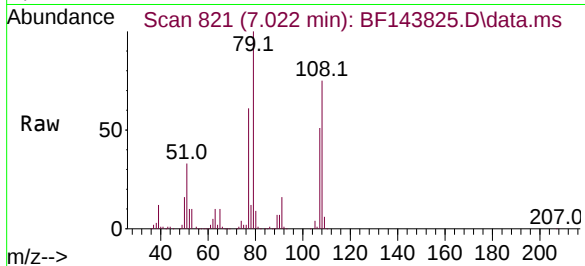




#15  
Benzyl Alcohol  
Concen: 56.311 ng  
RT: 7.022 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

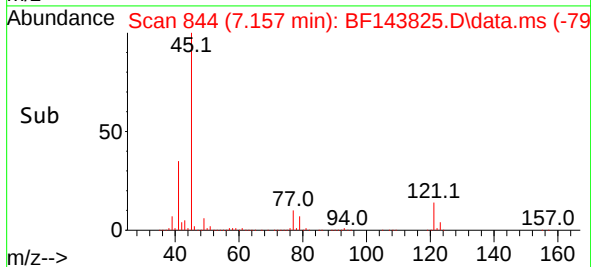
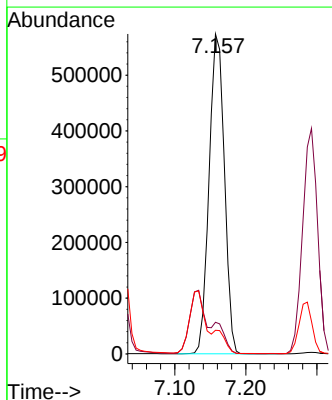
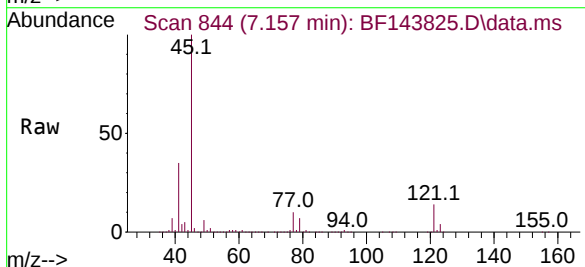
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

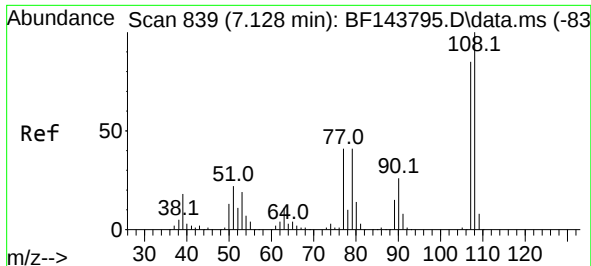
Tgt Ion: 79 Resp: 376475  
Ion Ratio Lower Upper  
79 100  
108 75.4 60.5 90.7  
77 61.5 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.987 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion: 45 Resp: 859348  
Ion Ratio Lower Upper  
45 100  
77 9.9 0.0 28.5  
79 7.4 0.0 26.3

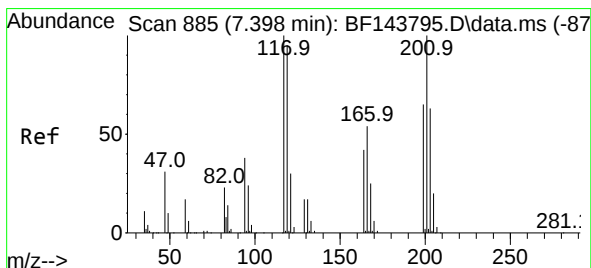
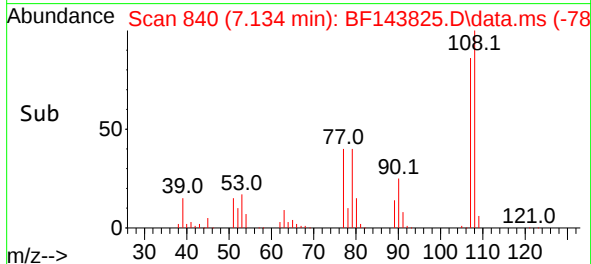
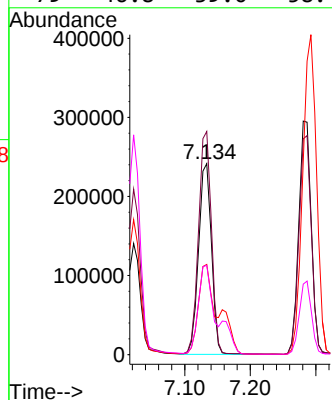
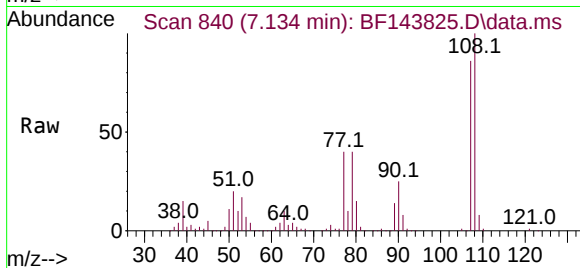




#17  
2-Methylphenol  
Concen: 51.947 ng  
RT: 7.134 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

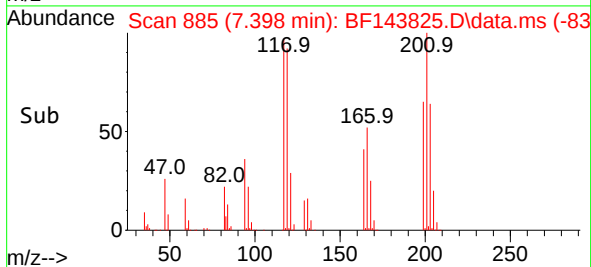
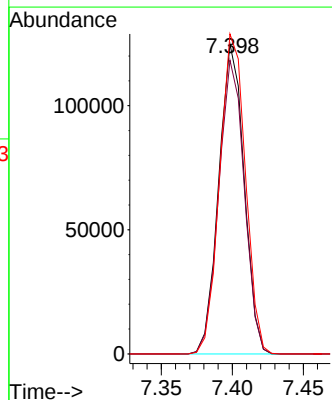
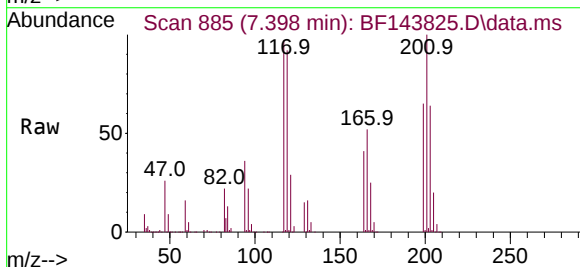
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

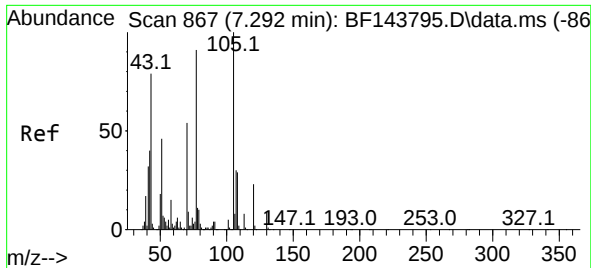
Tgt Ion:107 Resp: 329705  
Ion Ratio Lower Upper  
107 100  
108 116.9 94.2 141.4  
77 47.3 38.6 58.0  
79 46.8 39.0 58.4



#18  
Hexachloroethane  
Concen: 46.425 ng  
RT: 7.398 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:117 Resp: 155087  
Ion Ratio Lower Upper  
117 100  
119 94.8 76.2 114.2  
201 103.2 79.7 119.5

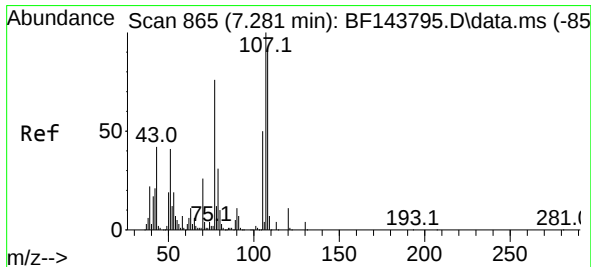
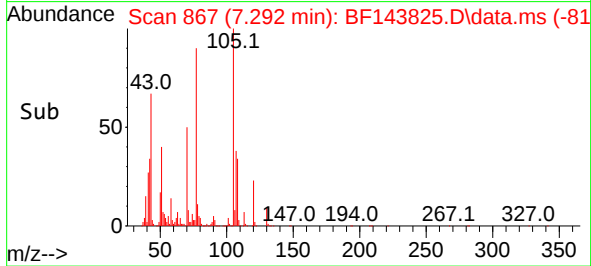
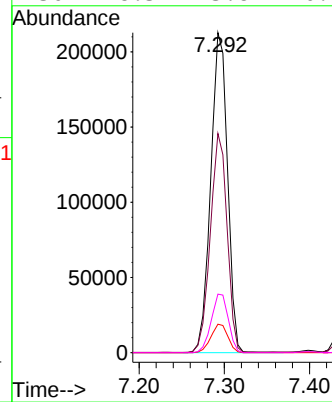
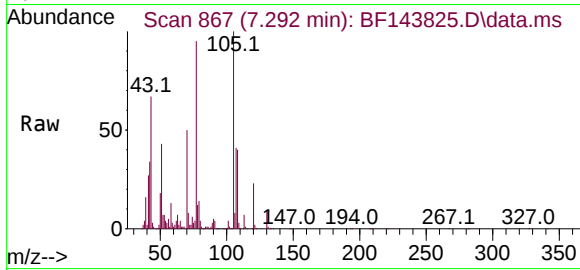




#19  
n-Nitroso-di-n-propylamine  
Concen: 48.827 ng  
RT: 7.292 min Scan# 867  
Delta R.T. -0.012 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

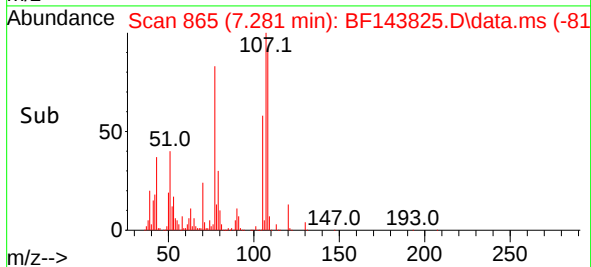
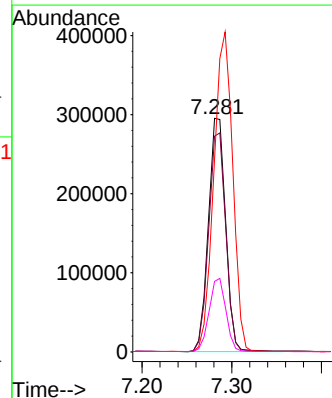
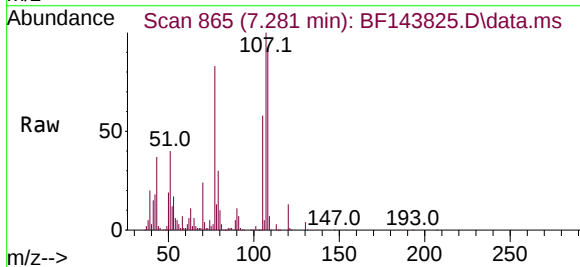
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

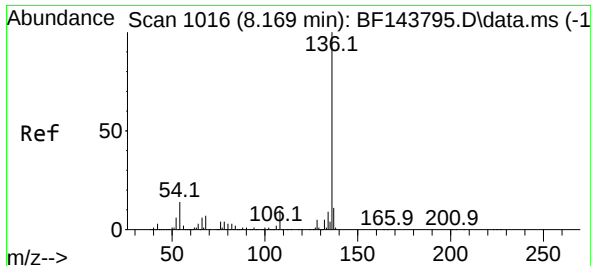
Tgt Ion: 70 Resp: 290523  
Ion Ratio Lower Upper  
70 100  
42 68.5 59.4 89.0  
101 8.9 7.1 10.7  
130 18.3 13.8 20.8



#20  
3+4-Methylphenols  
Concen: 50.910 ng  
RT: 7.281 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion: 107 Resp: 393494  
Ion Ratio Lower Upper  
107 100  
108 92.4 72.5 112.5  
77 82.5 56.2 96.2  
79 30.2 10.8 50.8

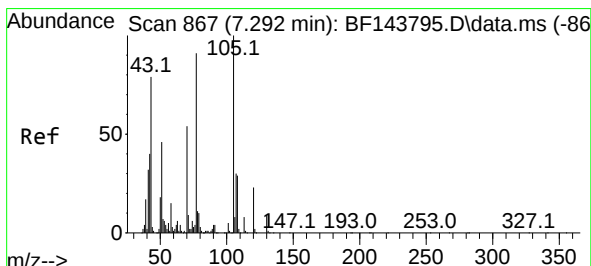
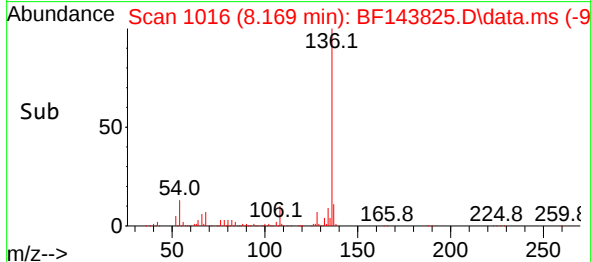
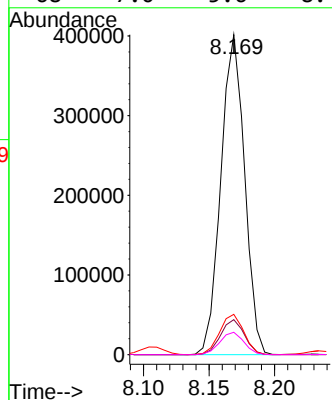
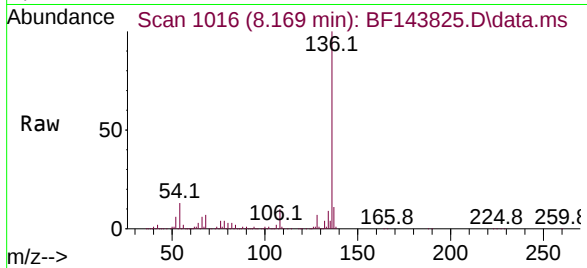




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

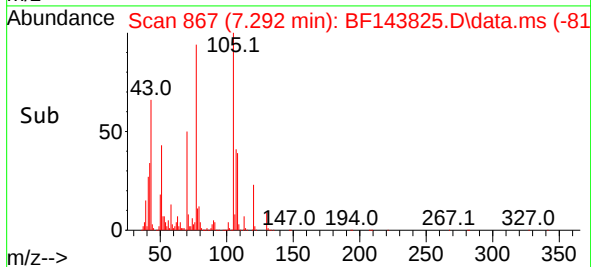
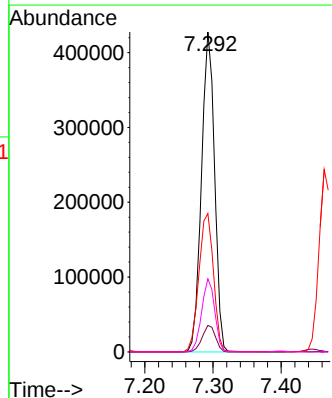
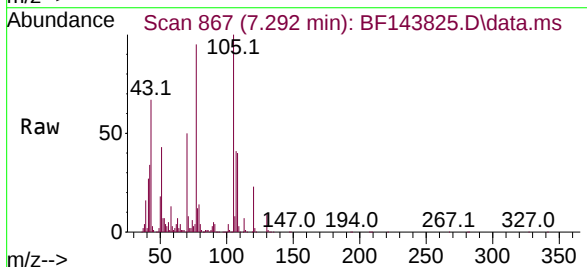
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BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

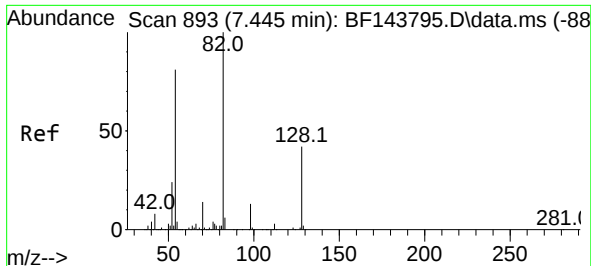
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 506656 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 9.0   | 13.4   |
| 54        | 12.6  | 11.2  | 16.8   |
| 68        | 7.0   | 5.6   | 8.4    |



#22  
Acetophenone  
Concen: 51.463 ng  
RT: 7.292 min Scan# 867  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 572687 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 8.3   | 7.0   | 10.4   |
| 51        | 43.2  | 36.6  | 55.0   |
| 120       | 22.8  | 18.1  | 27.1   |

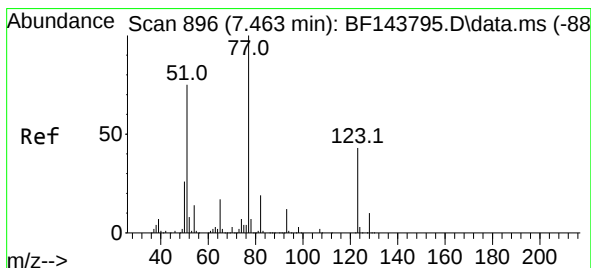
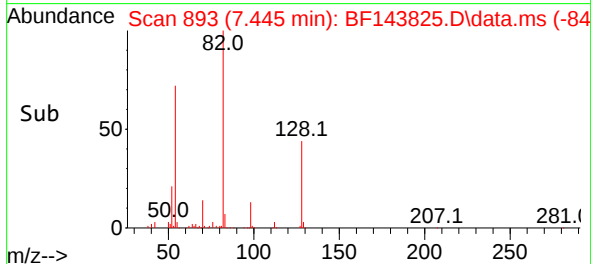
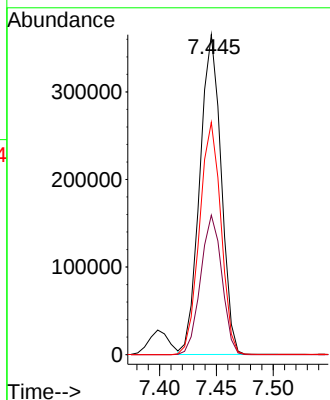
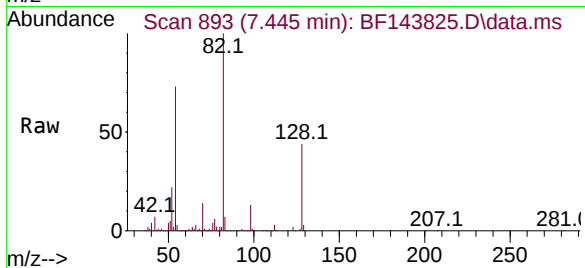




#23  
Nitrobenzene-d5  
Concen: 57.793 ng  
RT: 7.445 min Scan# 893  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

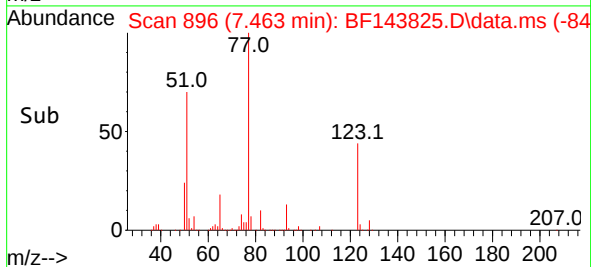
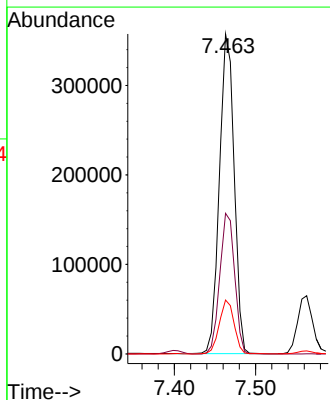
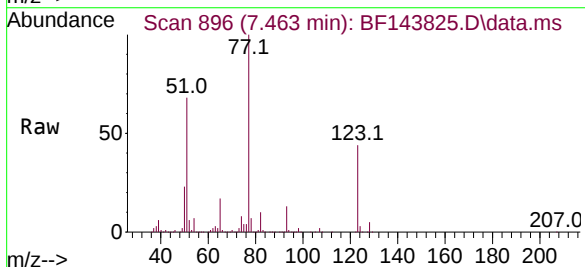
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

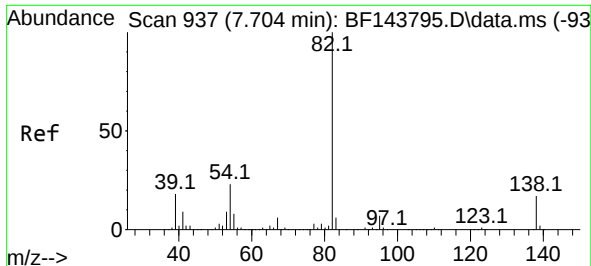
Tgt Ion: 82 Resp: 478360  
Ion Ratio Lower Upper  
82 100  
128 43.6 33.3 49.9  
54 72.6 64.2 96.4



#24  
Nitrobenzene  
Concen: 48.999 ng  
RT: 7.463 min Scan# 896  
Delta R.T. -0.012 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion: 77 Resp: 449544  
Ion Ratio Lower Upper  
77 100  
123 44.0 34.0 51.0  
65 16.8 13.5 20.3

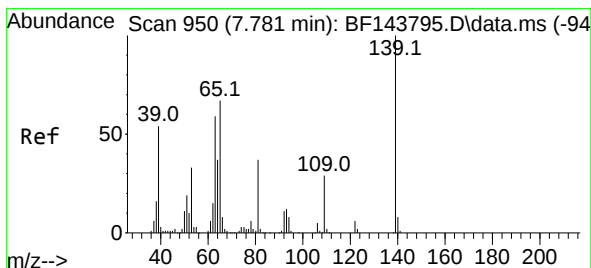
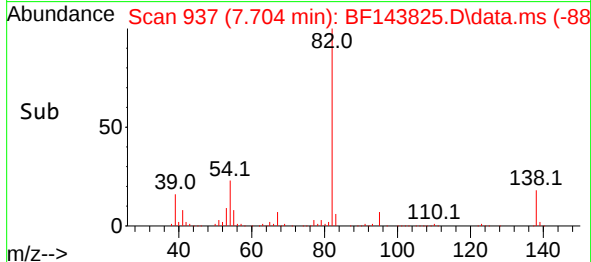
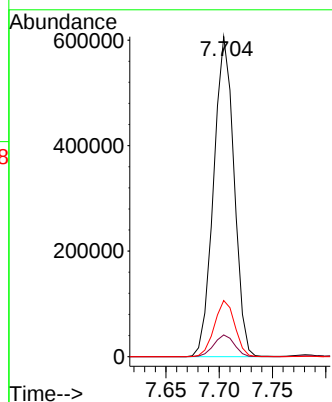
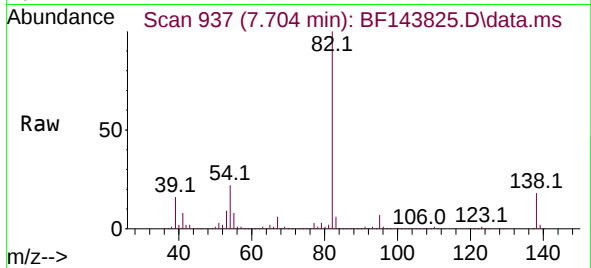




#25  
Isophorone  
Concen: 50.241 ng  
RT: 7.704 min Scan# 931  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

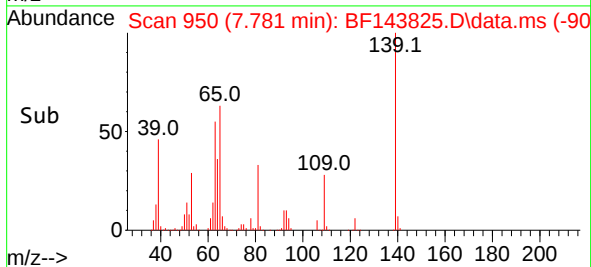
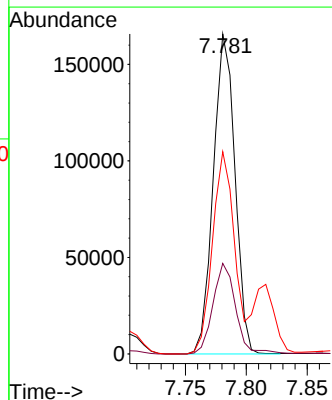
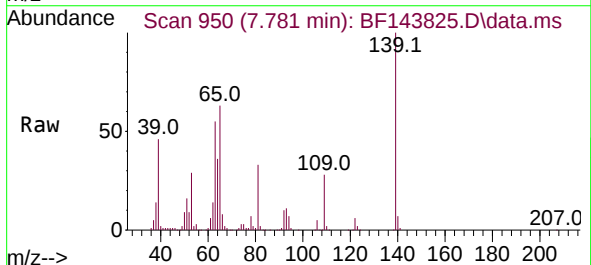
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

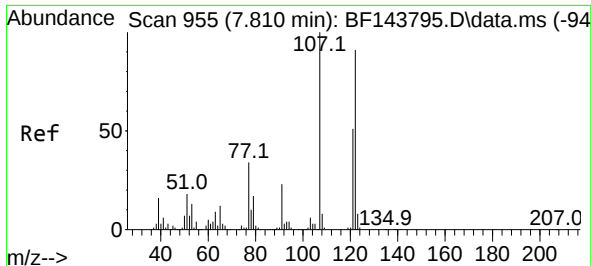
Tgt Ion: 82 Resp: 810355  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.4 8.2  
138 17.5 13.7 20.5



#26  
2-Nitrophenol  
Concen: 54.080 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.005 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:139 Resp: 205069  
Ion Ratio Lower Upper  
139 100  
109 28.3 23.3 34.9  
65 63.2 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 54.060 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143825.D

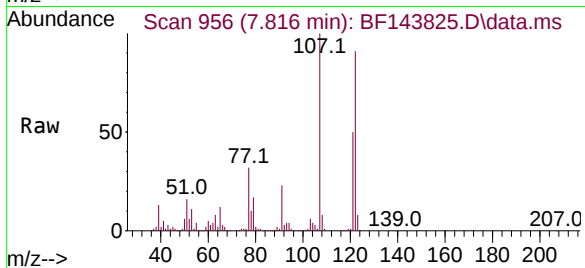
Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD



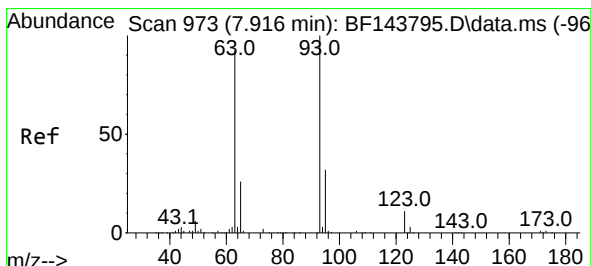
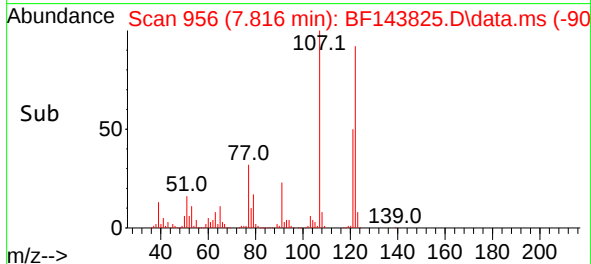
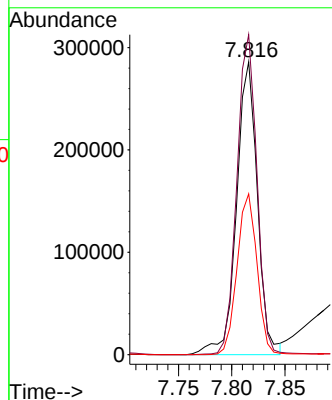
Tgt Ion:122 Resp: 389731

Ion Ratio Lower Upper

122 100

107 109.3 87.5 131.3

121 54.9 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 46.879 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

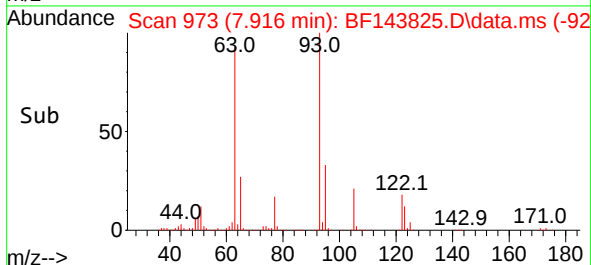
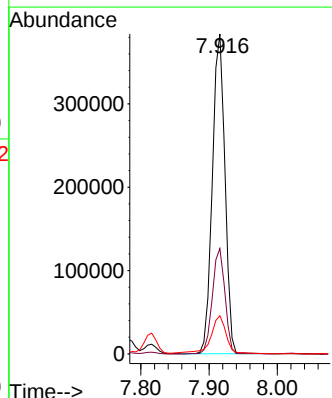
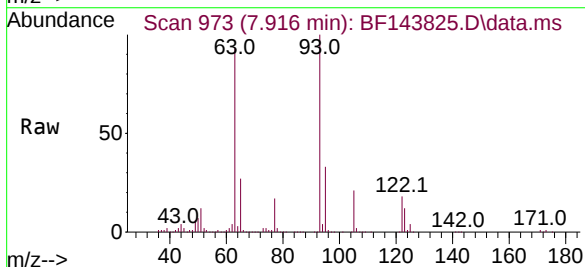
Tgt Ion: 93 Resp: 491252

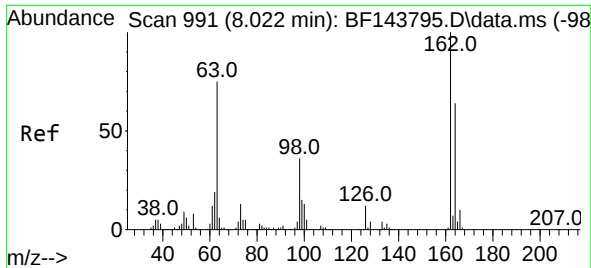
Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

123 11.9 8.8 13.2

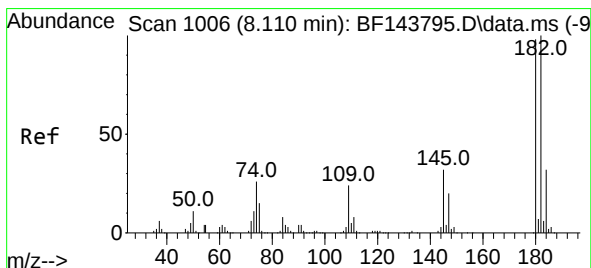
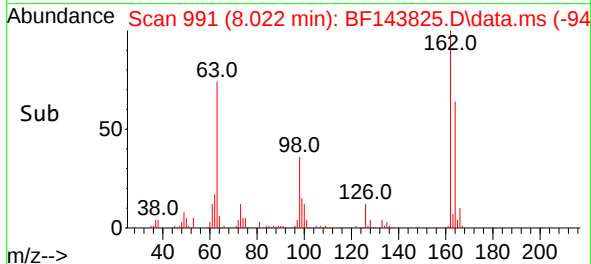
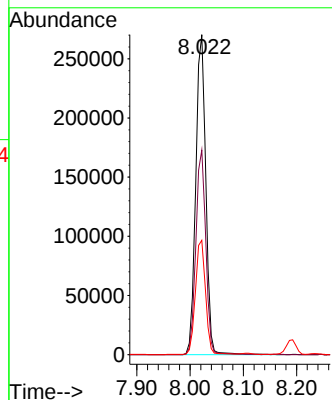
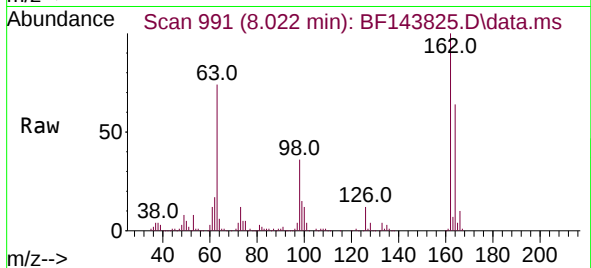




#29  
2,4-Dichlorophenol  
Concen: 49.836 ng  
RT: 8.022 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

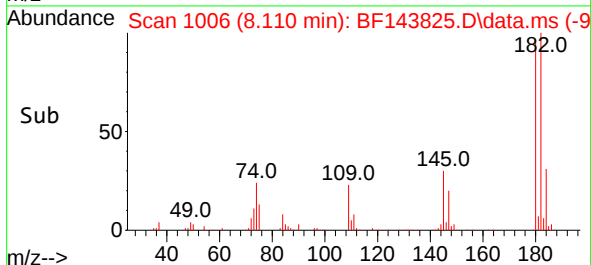
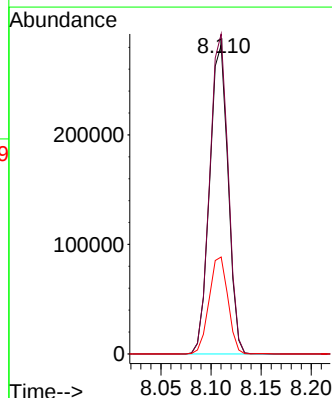
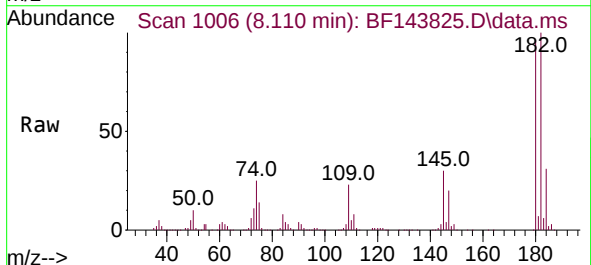
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

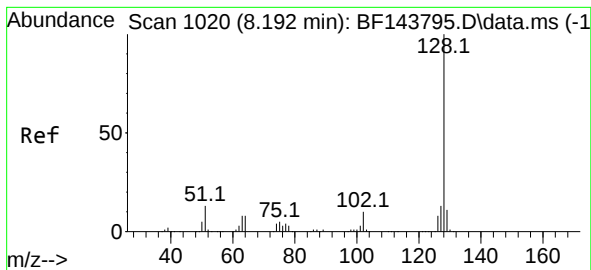
Tgt Ion:162 Resp: 353518  
Ion Ratio Lower Upper  
162 100  
164 63.9 44.1 84.1  
98 35.8 15.8 55.8



#30  
1,2,4-Trichlorobenzene  
Concen: 49.115 ng  
RT: 8.110 min Scan# 1006  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:180 Resp: 361566  
Ion Ratio Lower Upper  
180 100  
182 103.6 82.0 123.0  
145 31.4 25.9 38.9





#31

Naphthalene

Concen: 46.403 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

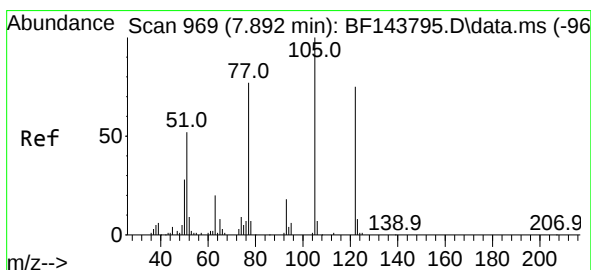
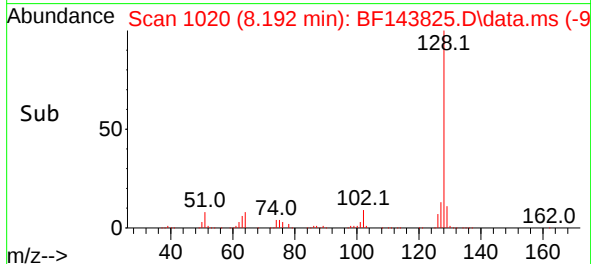
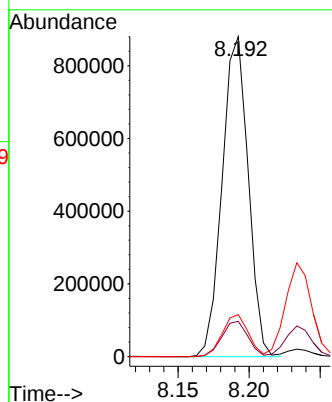
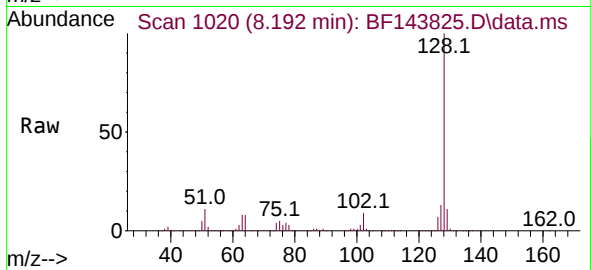
Tgt Ion:128 Resp: 1125484

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.1 10.2 15.4



#32

Benzoic acid

Concen: 76.191 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

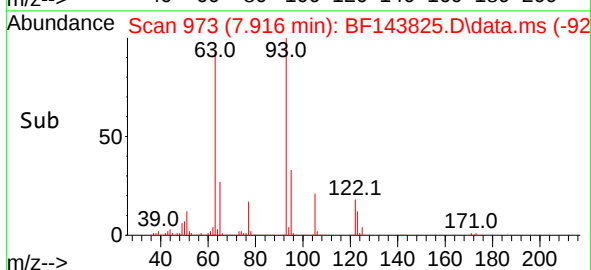
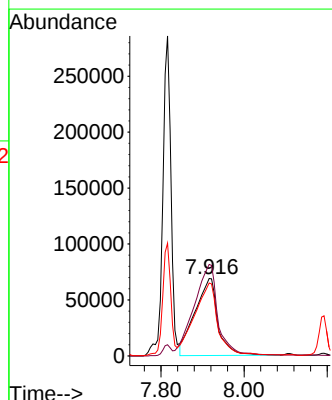
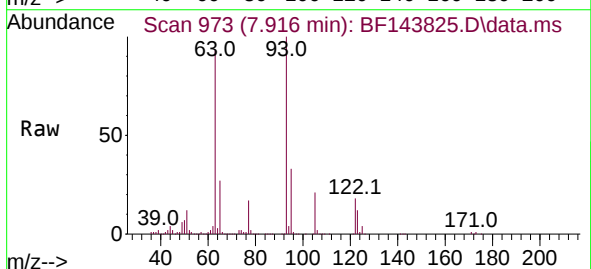
Tgt Ion:122 Resp: 265016

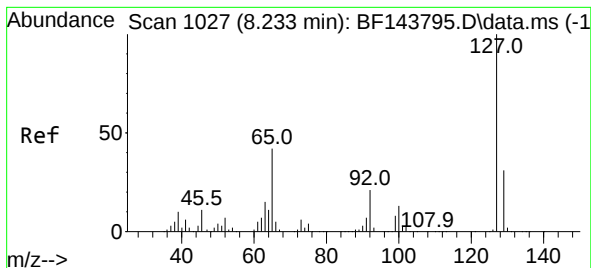
Ion Ratio Lower Upper

122 100

105 118.2 103.7 143.7

77 94.2 78.8 118.8





#33

4-Chloroaniline

Concen: 39.489 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

Tgt Ion:127 Resp: 336584

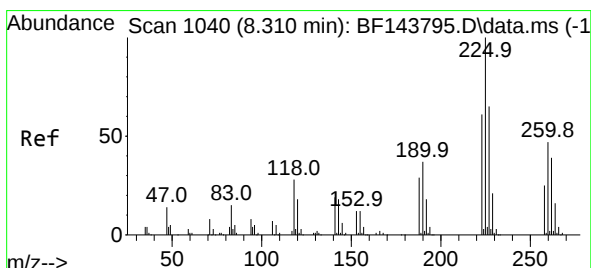
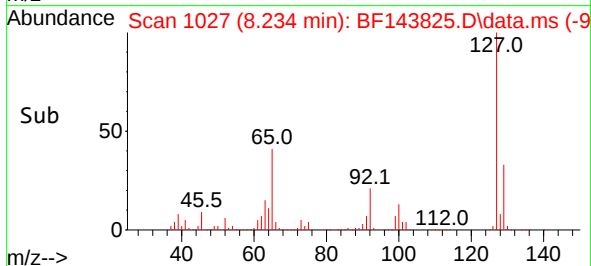
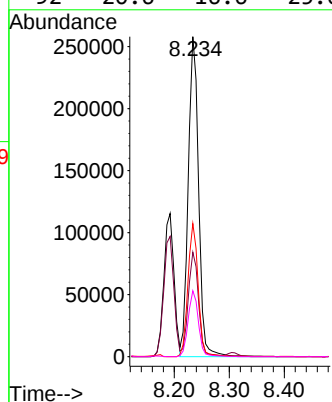
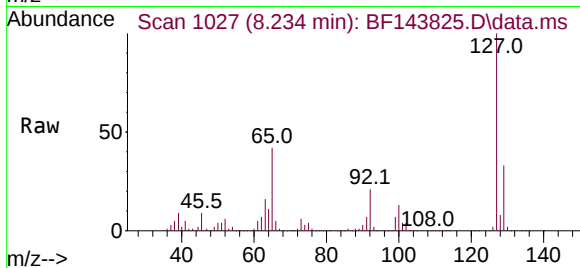
Ion Ratio Lower Upper

127 100

129 32.6 25.4 38.2

65 41.6 33.4 50.2

92 20.6 16.6 25.0



#34

Hexachlorobutadiene

Concen: 46.000 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

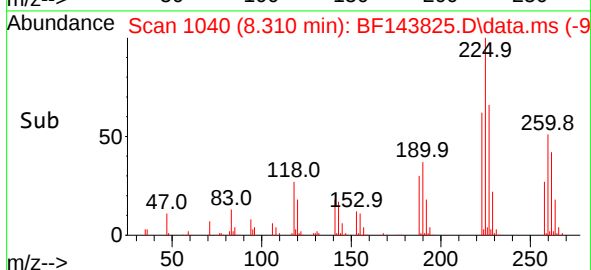
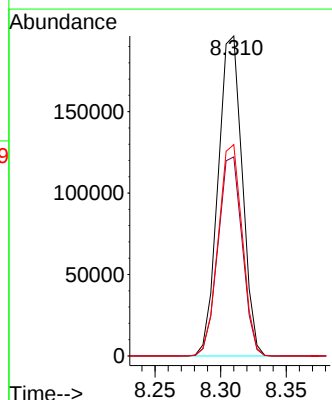
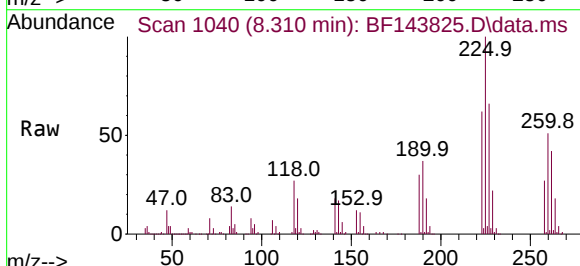
Tgt Ion:225 Resp: 252441

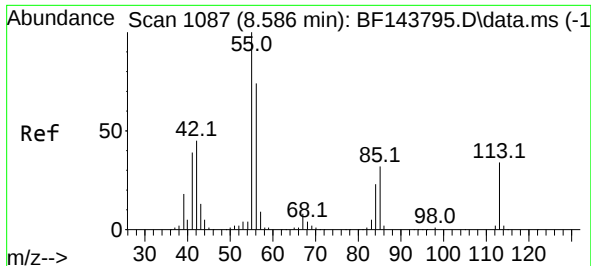
Ion Ratio Lower Upper

225 100

223 62.2 48.6 72.8

227 66.0 51.9 77.9

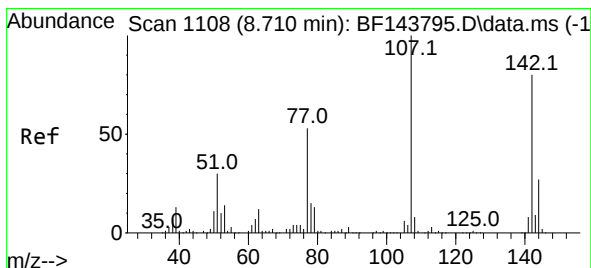
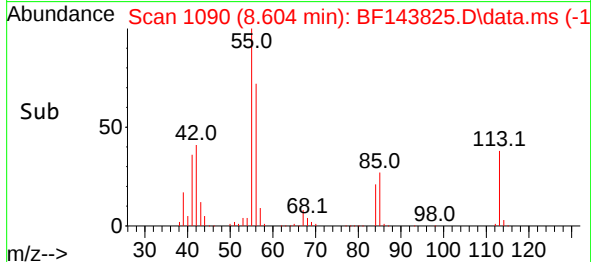
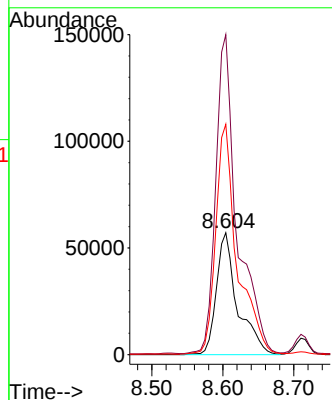
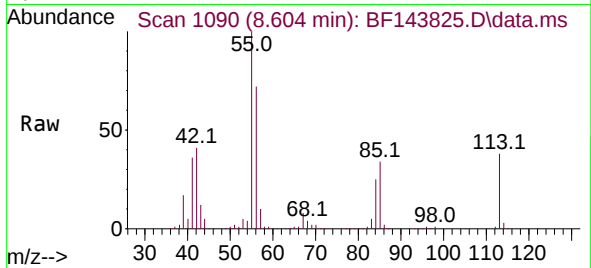




#35  
 Caprolactam  
 Concen: 65.196 ng  
 RT: 8.604 min Scan# 1087  
 Delta R.T. -0.006 min  
 Lab File: BF143825.D  
 Acq: 29 Sep 2025 16:44

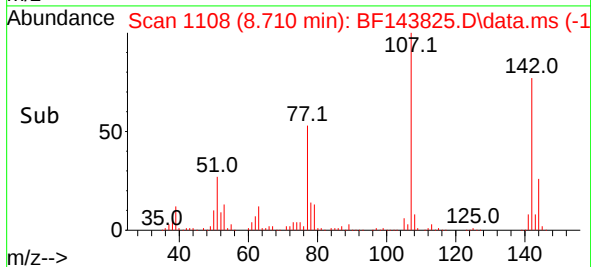
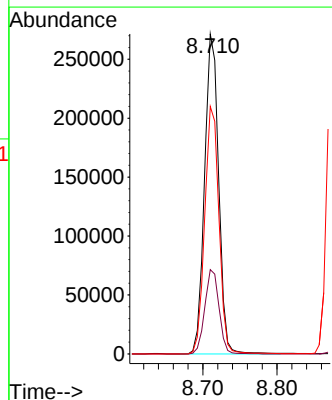
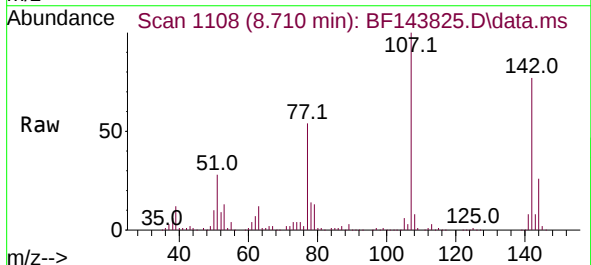
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WALL-PROBE-BRICK-1MSD

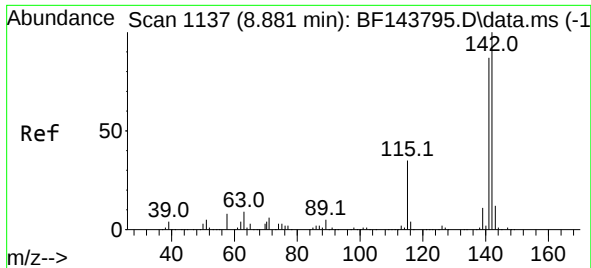
Tgt Ion:113 Resp: 118210  
 Ion Ratio Lower Upper  
 113 100  
 55 262.8 271.7 311.7#  
 56 189.1 194.5 234.5#



#36  
 4-Chloro-3-methylphenol  
 Concen: 53.843 ng  
 RT: 8.710 min Scan# 1108  
 Delta R.T. 0.000 min  
 Lab File: BF143825.D  
 Acq: 29 Sep 2025 16:44

Tgt Ion:107 Resp: 358214  
 Ion Ratio Lower Upper  
 107 100  
 144 26.3 21.8 32.8  
 142 77.3 63.6 95.4

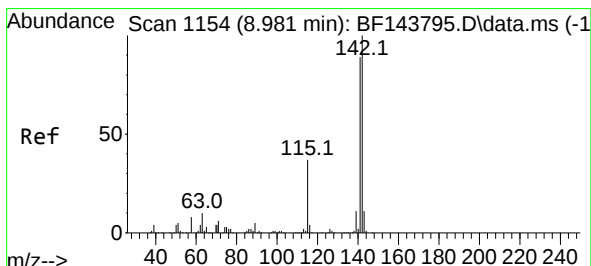
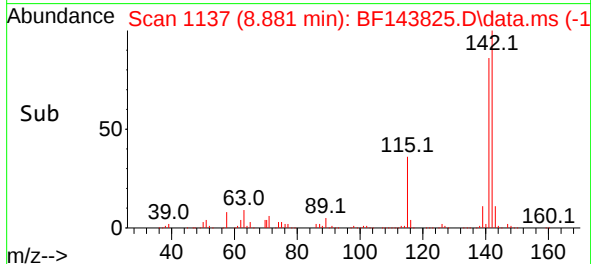
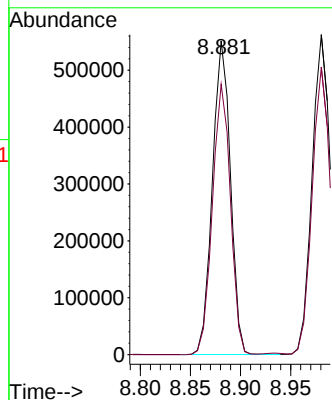
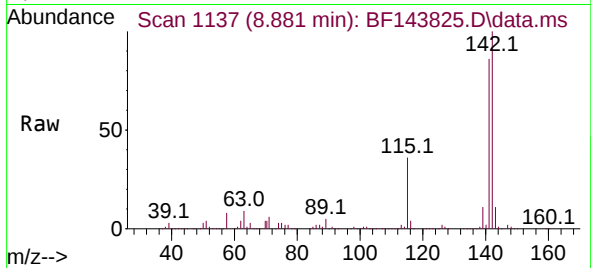




#37  
2-Methylnaphthalene  
Concen: 44.549 ng  
RT: 8.881 min Scan# 1137  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

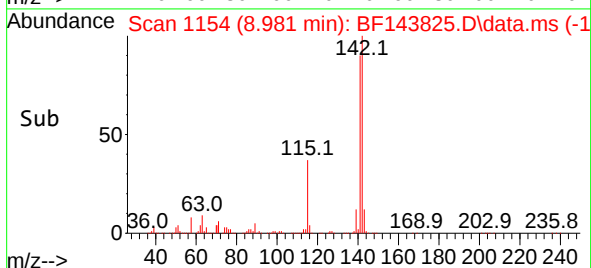
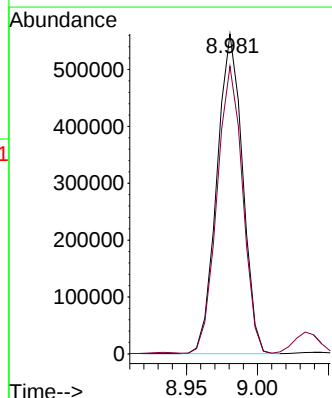
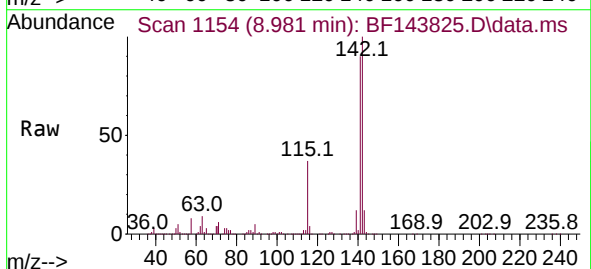
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

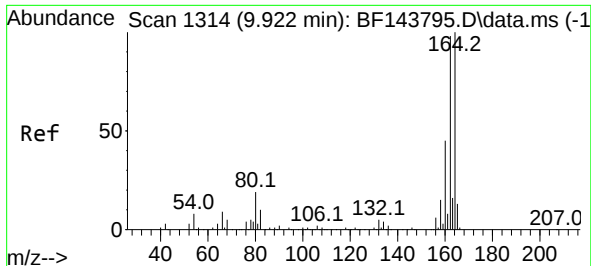
Tgt Ion:142 Resp: 688975  
Ion Ratio Lower Upper  
142 100  
141 86.2 69.4 104.0



#38  
1-Methylnaphthalene  
Concen: 47.796 ng  
RT: 8.981 min Scan# 1154  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:142 Resp: 707537  
Ion Ratio Lower Upper  
142 100  
141 89.9 71.1 106.7

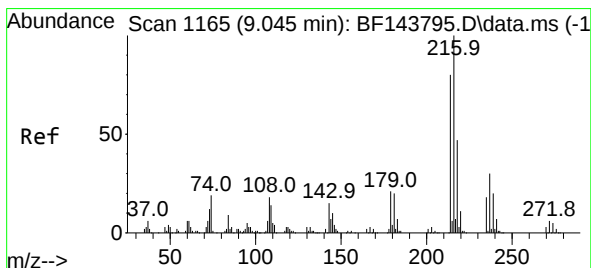
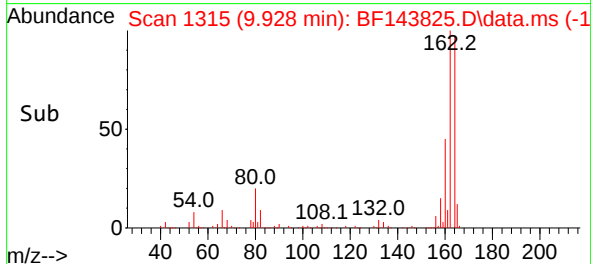
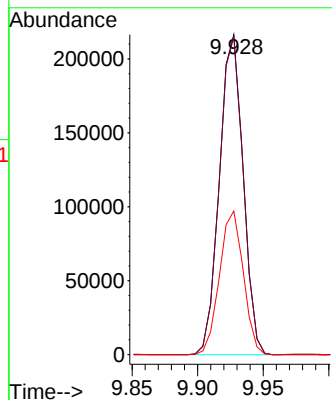
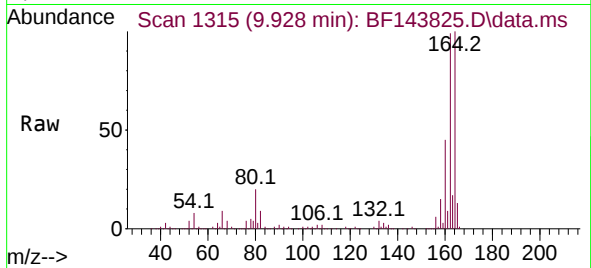




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

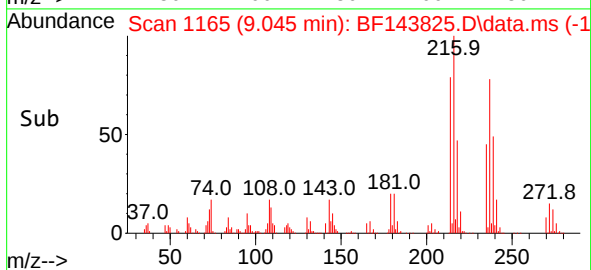
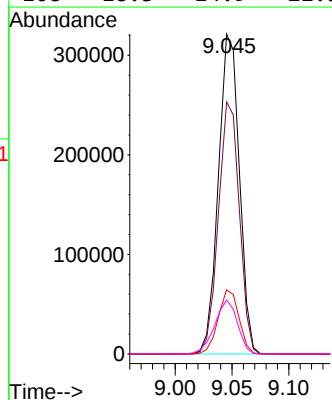
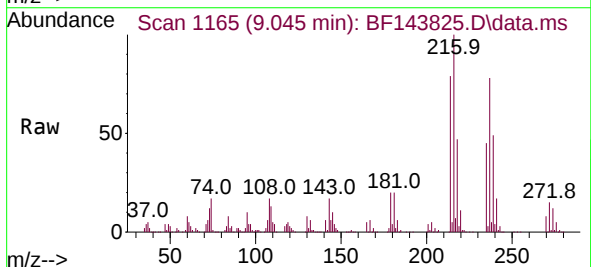
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

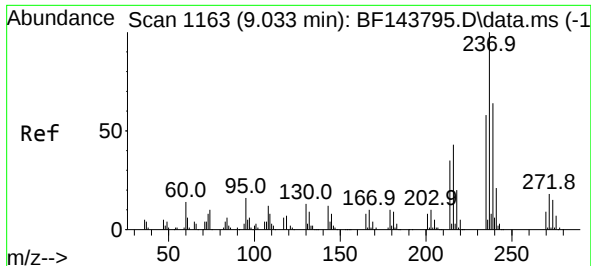
Tgt Ion:164 Resp: 272537  
Ion Ratio Lower Upper  
164 100  
162 99.2 78.8 118.2  
160 44.9 35.8 53.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 50.036 ng  
RT: 9.045 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:216 Resp: 411531  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.7 95.5  
179 19.8 16.5 24.7  
108 18.3 14.9 22.3

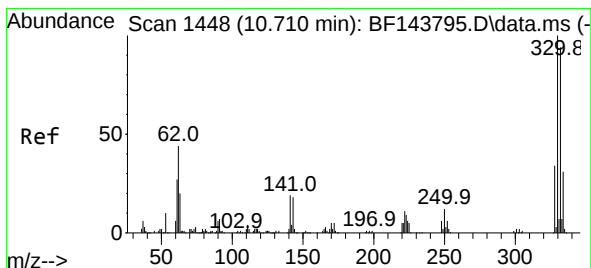
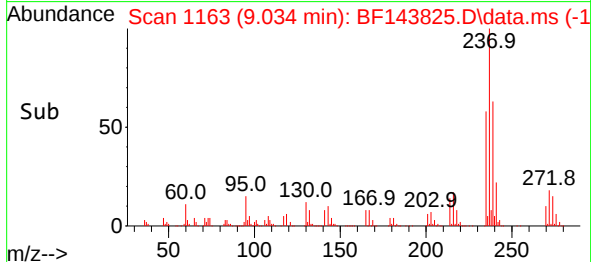
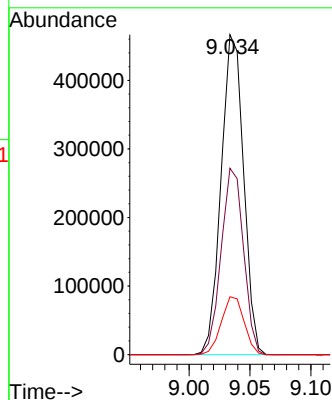
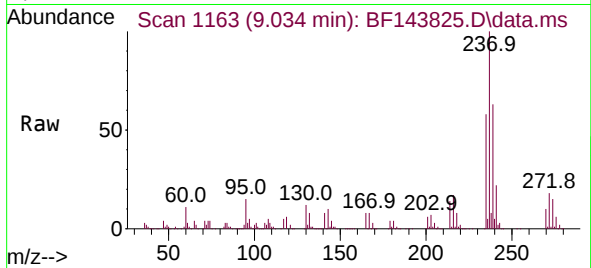




#41  
Hexachlorocyclopentadiene  
Concen: 115.287 ng  
RT: 9.034 min Scan# 1163  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

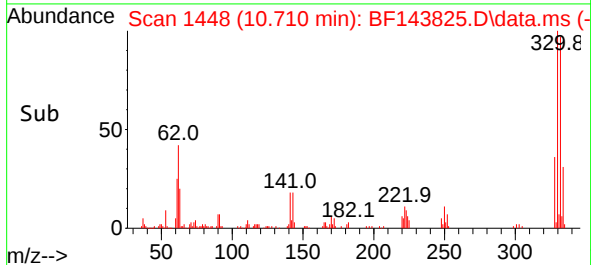
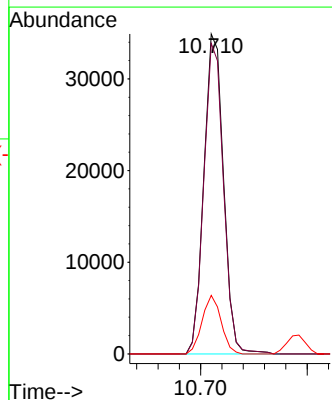
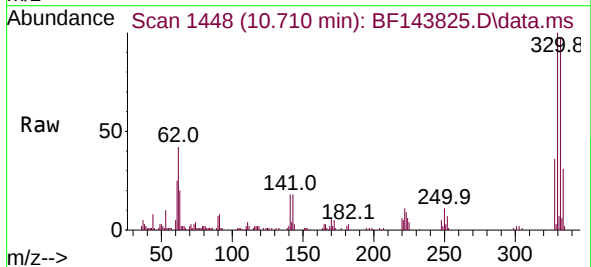
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

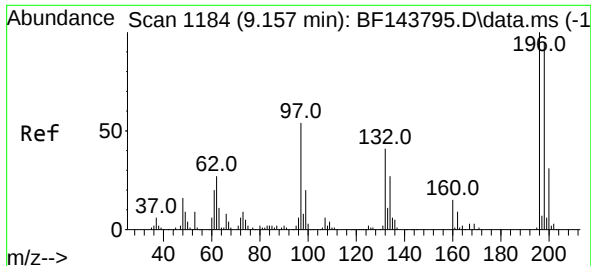
Tgt Ion:237 Resp: 600939  
Ion Ratio Lower Upper  
237 100  
235 58.2 38.1 78.1  
272 18.1 0.0 37.9



#42  
2,4,6-Tribromophenol  
Concen: 11.053 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:330 Resp: 44601  
Ion Ratio Lower Upper  
330 100  
332 96.9 74.7 112.1  
141 17.6 14.3 21.5

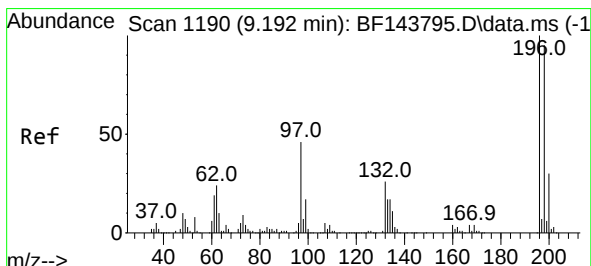
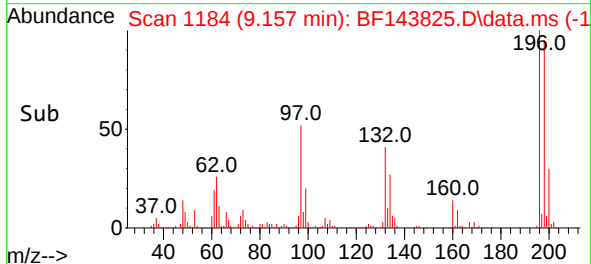
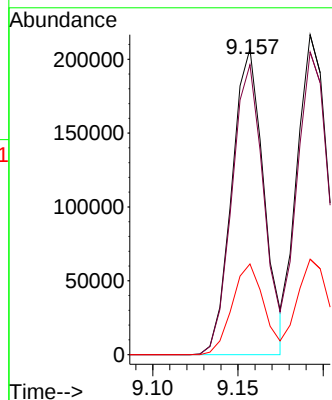
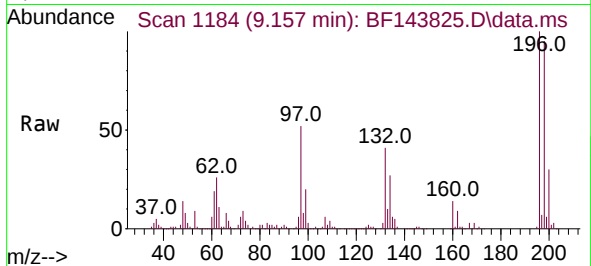




#43  
2,4,6-Trichlorophenol  
Concen: 52.431 ng  
RT: 9.157 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

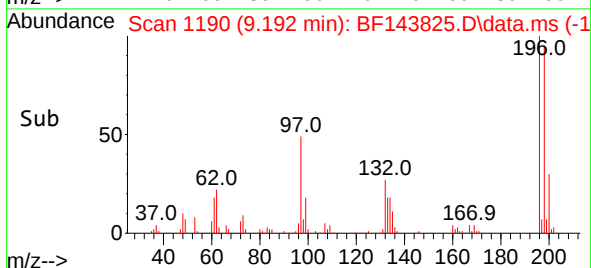
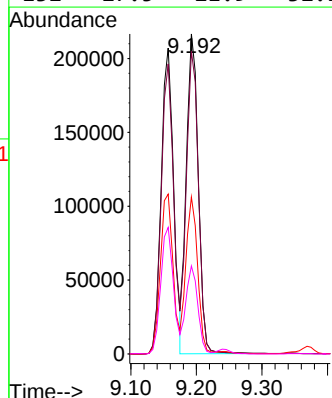
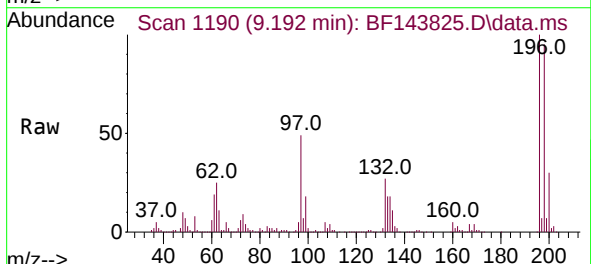
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

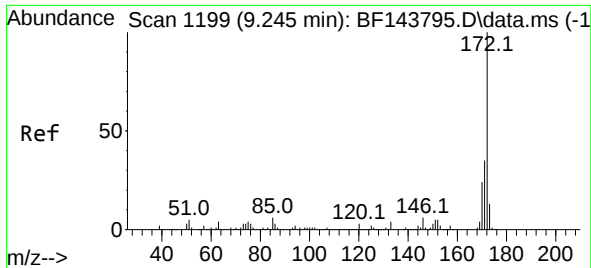
Tgt Ion:196 Resp: 270022  
Ion Ratio Lower Upper  
196 100  
198 94.8 76.2 114.2  
200 29.6 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 51.172 ng  
RT: 9.192 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:196 Resp: 275653  
Ion Ratio Lower Upper  
196 100  
198 94.6 75.9 113.9  
97 49.0 38.3 57.5  
132 27.5 21.9 32.9

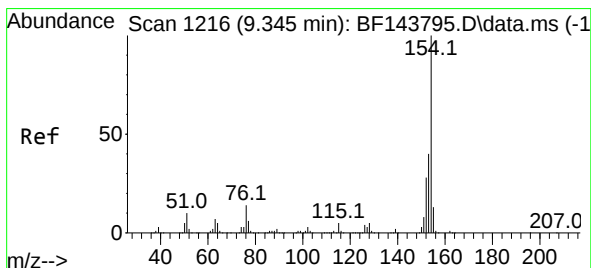
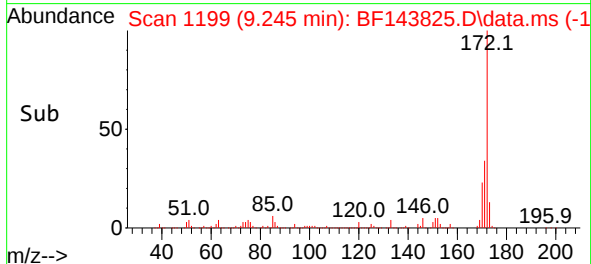
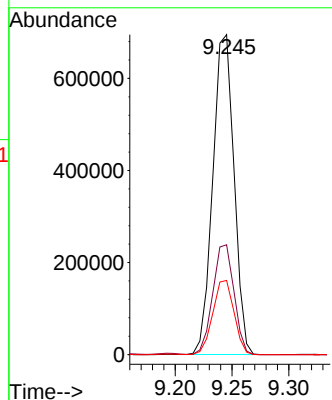
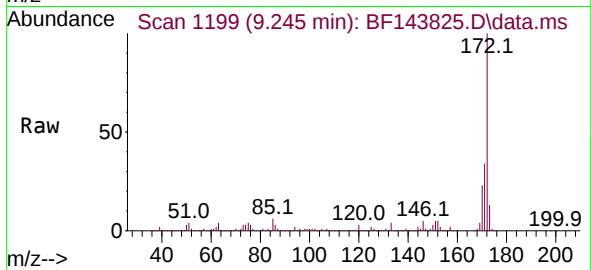




#45  
2-Fluorobiphenyl  
Concen: 51.735 ng  
RT: 9.245 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

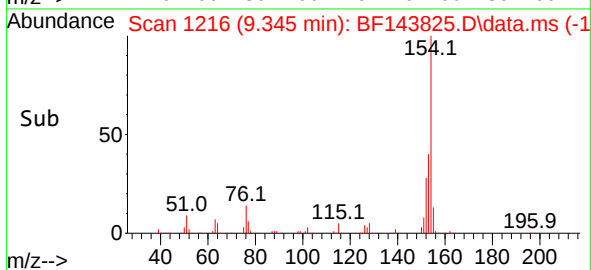
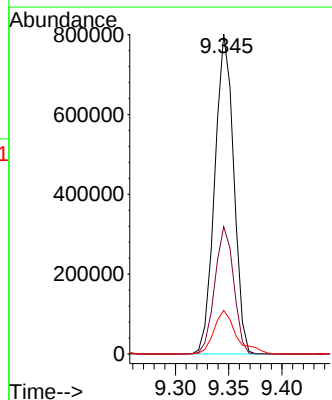
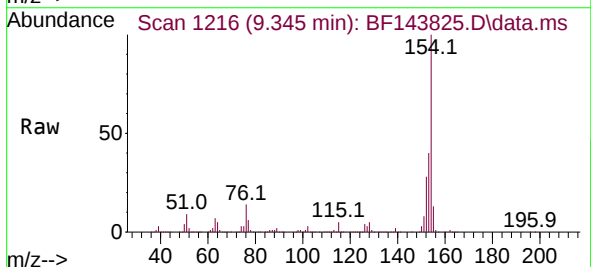
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

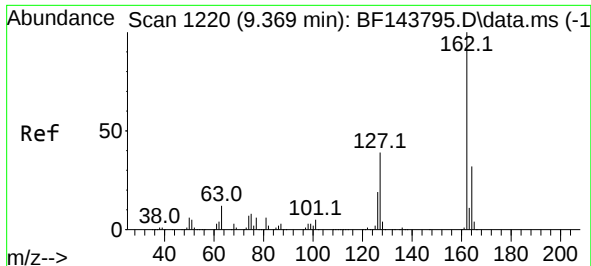
Tgt Ion:172 Resp: 903541  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.9 41.9  
170 23.2 19.1 28.7



#46  
1,1'-Biphenyl  
Concen: 50.304 ng  
RT: 9.345 min Scan# 1216  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:154 Resp: 992413  
Ion Ratio Lower Upper  
154 100  
153 39.8 19.7 59.7  
76 13.6 0.0 33.8





#47

2-Chloronaphthalene

Concen: 45.872 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

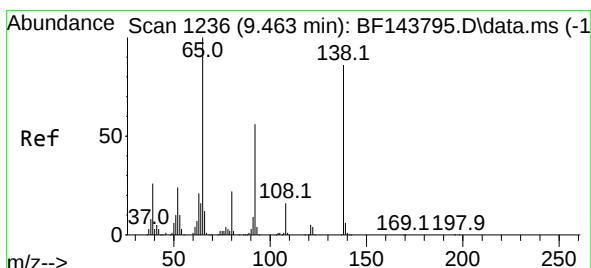
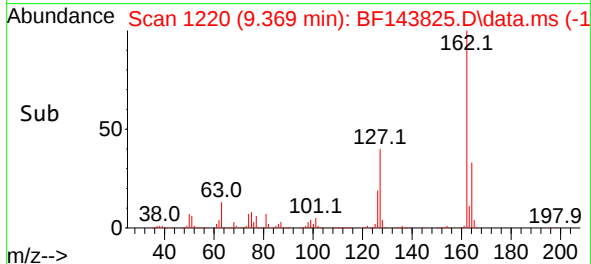
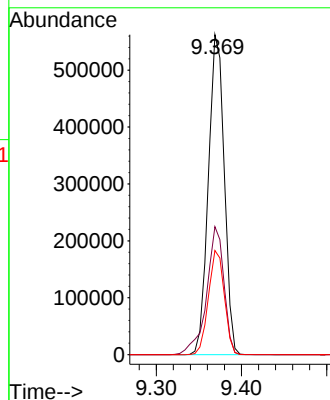
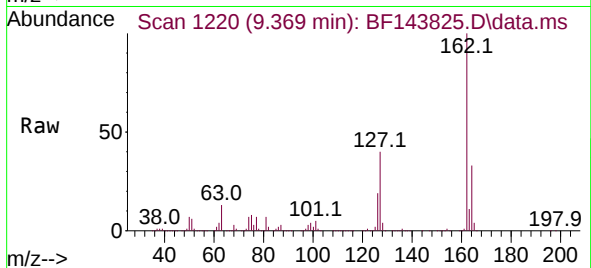
Tgt Ion:162 Resp: 728457

Ion Ratio Lower Upper

162 100

127 40.0 31.5 47.3

164 32.5 25.9 38.9



#48

2-Nitroaniline

Concen: 60.515 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

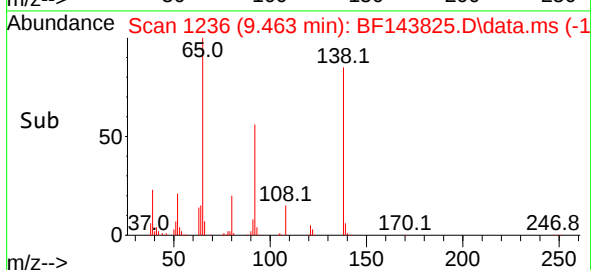
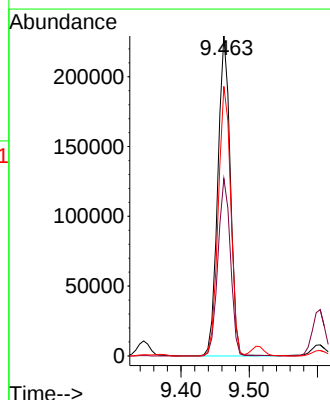
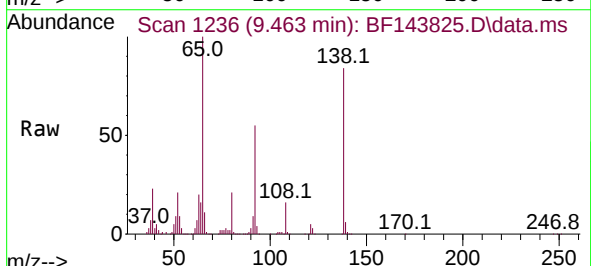
Tgt Ion: 65 Resp: 290447

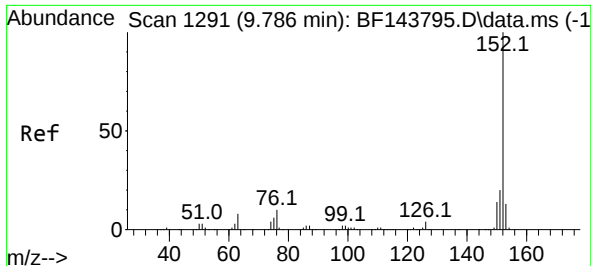
Ion Ratio Lower Upper

65 100

92 55.4 44.9 67.3

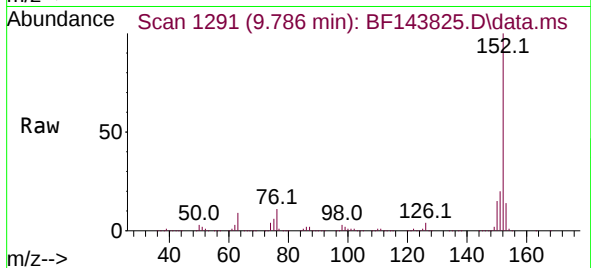
138 84.2 69.0 103.4



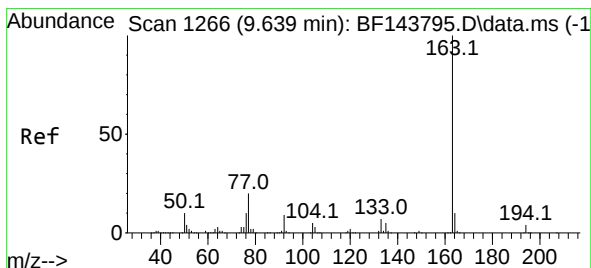
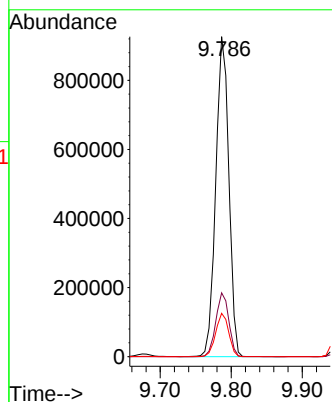
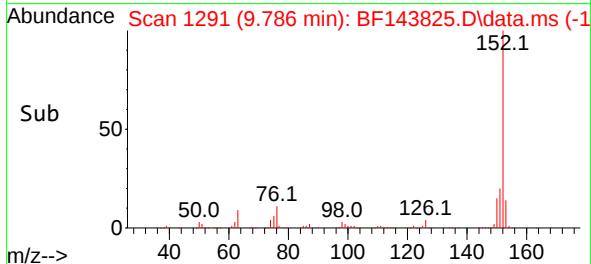


#49  
Acenaphthylene  
Concen: 54.238 ng  
RT: 9.786 min Scan# 1291  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

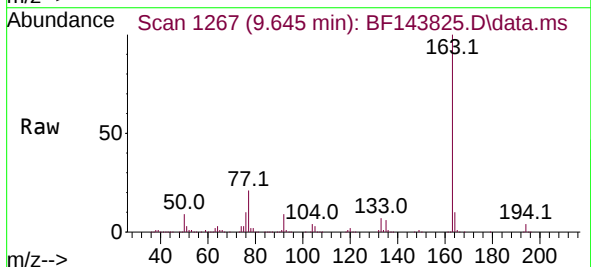
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD



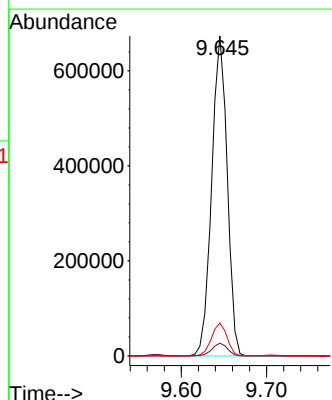
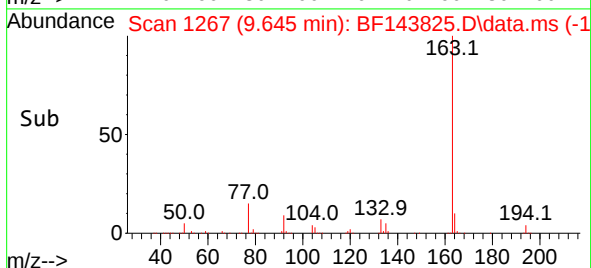
Tgt Ion:152 Resp: 1185730  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.7 23.5  
153 13.5 10.6 15.8

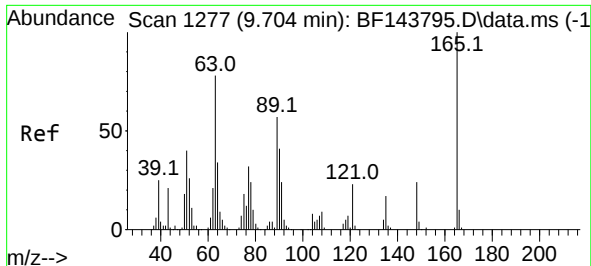


#50  
Dimethylphthalate  
Concen: 51.236 ng  
RT: 9.645 min Scan# 1267  
Delta R.T. 0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44



Tgt Ion:163 Resp: 851089  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.0 4.6  
164 10.3 8.2 12.2

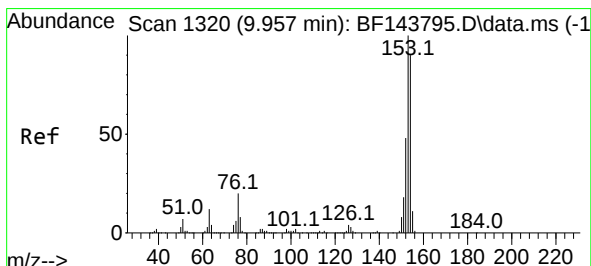
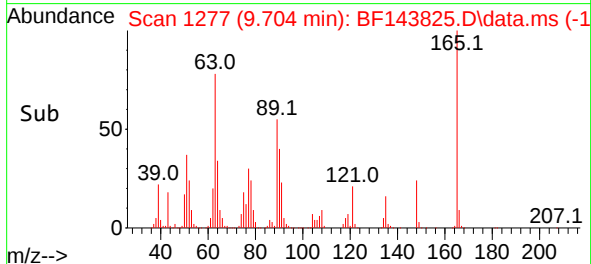
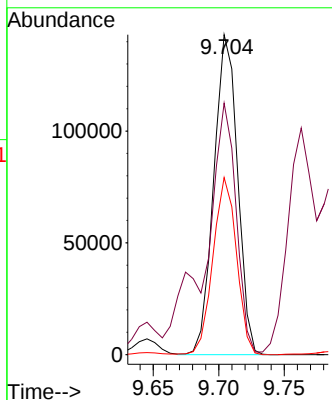
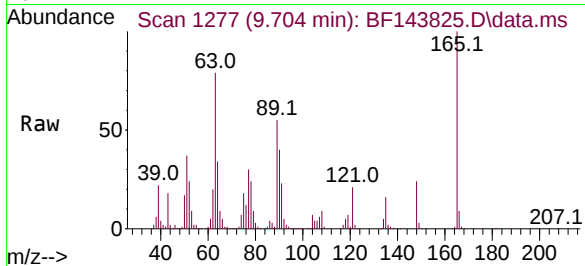




#51  
2,6-Dinitrotoluene  
Concen: 66.129 ng  
RT: 9.704 min Scan# 1277  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

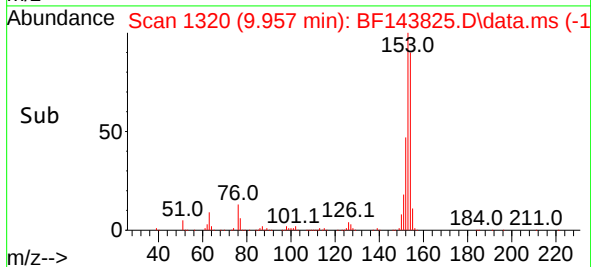
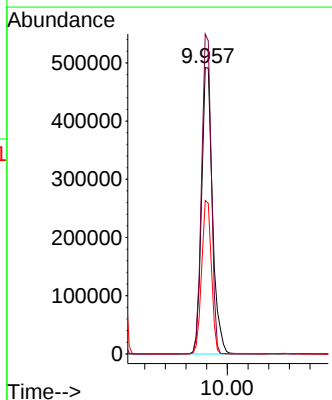
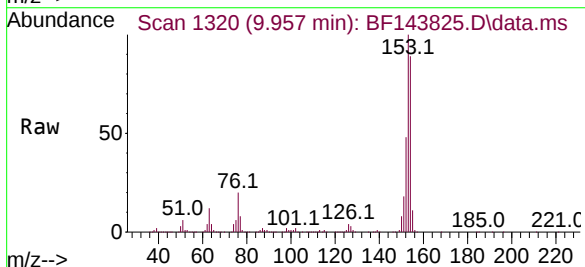
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

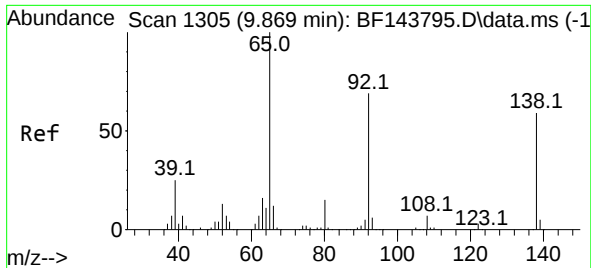
Tgt Ion:165 Resp: 180480  
Ion Ratio Lower Upper  
165 100  
63 78.6 62.6 94.0  
89 55.3 45.2 67.8



#52  
Acenaphthene  
Concen: 50.209 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:154 Resp: 722321  
Ion Ratio Lower Upper  
154 100  
153 111.8 88.7 133.1  
152 53.6 42.7 64.1

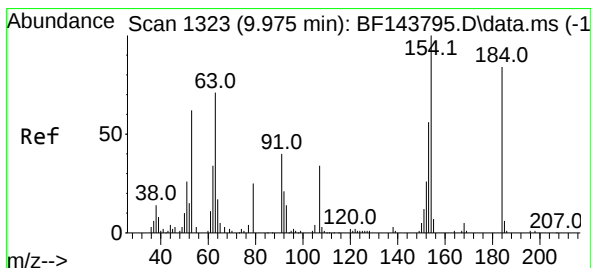
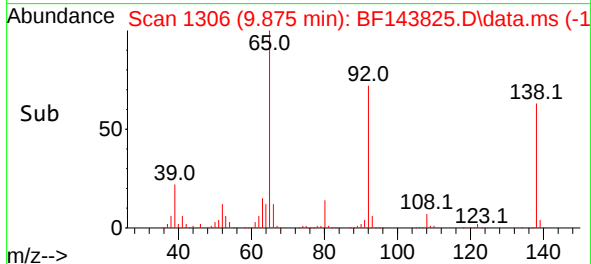
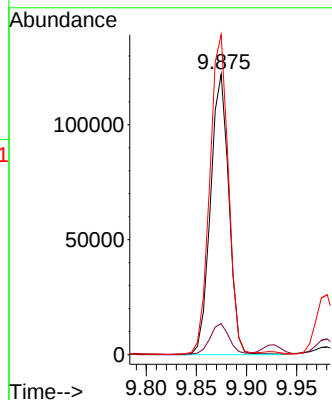
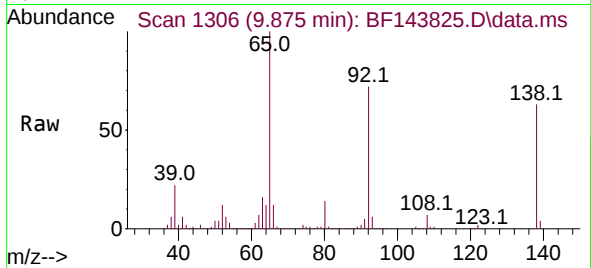




#53  
3-Nitroaniline  
Concen: 46.861 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

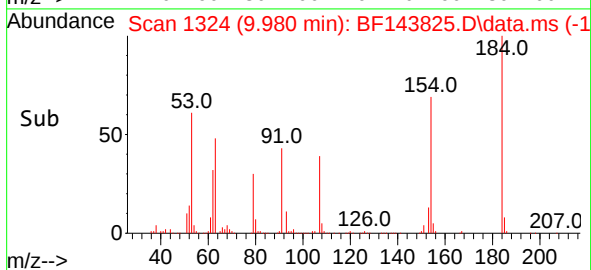
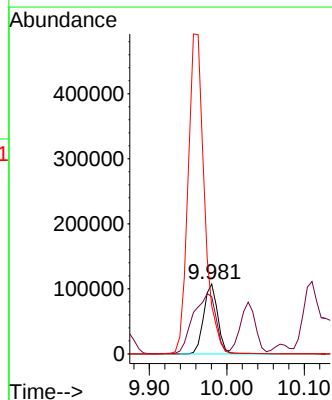
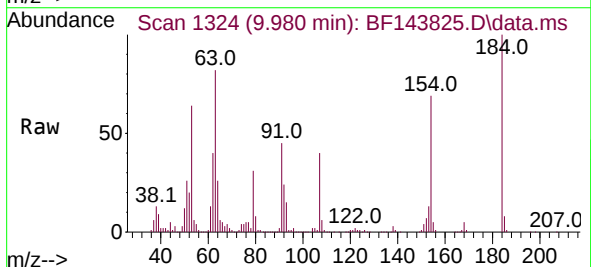
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

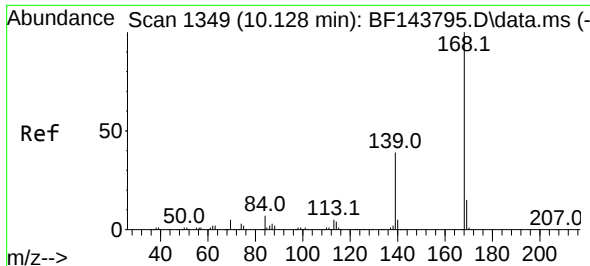
Tgt Ion:138 Resp: 155024  
Ion Ratio Lower Upper  
138 100  
108 11.1 9.9 14.9  
92 114.1 93.5 140.3



#54  
2,4-Dinitrophenol  
Concen: 100.192 ng  
RT: 9.980 min Scan# 1324  
Delta R.T. 0.005 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:184 Resp: 135553  
Ion Ratio Lower Upper  
184 100  
63 82.0 84.6 127.0#  
154 69.0 199.3 298.9#

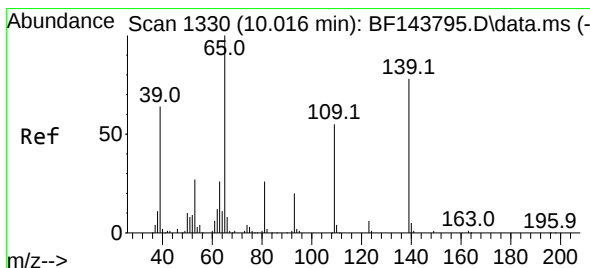
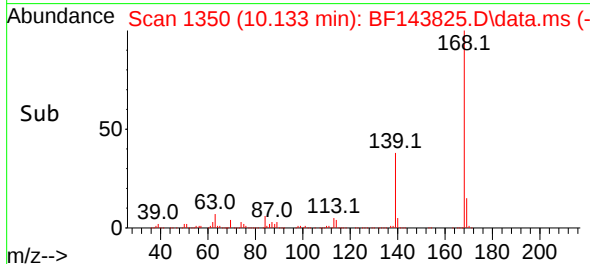
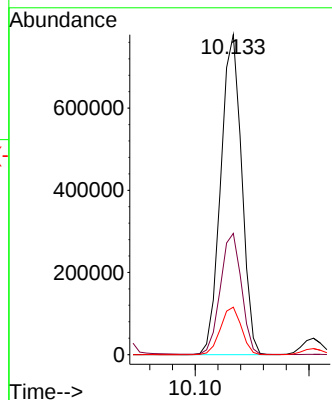
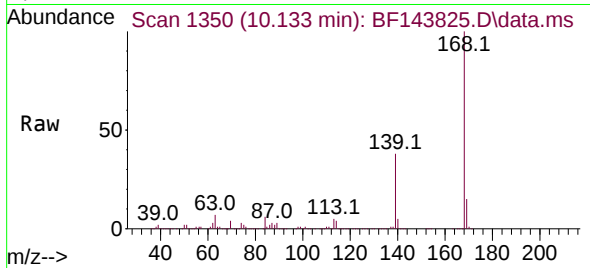




#55  
Dibenzenofuran  
Concen: 48.882 ng  
RT: 10.133 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

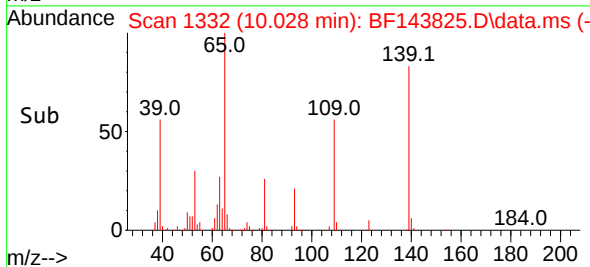
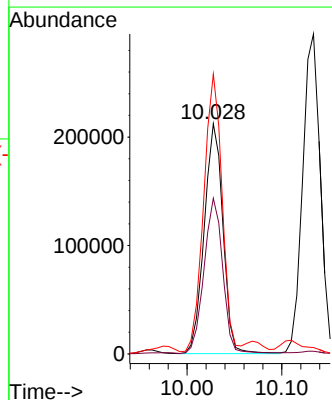
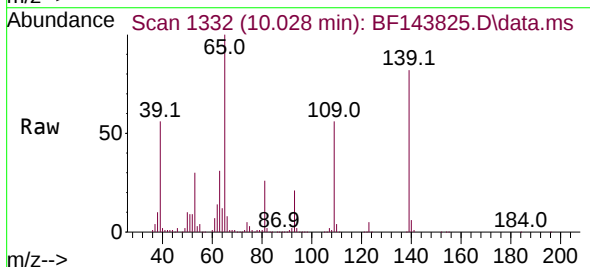
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

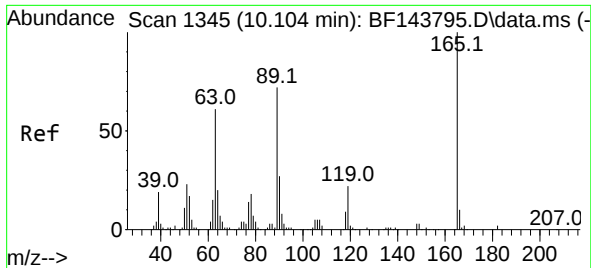
Tgt Ion:168 Resp: 994418  
Ion Ratio Lower Upper  
168 100  
139 37.9 31.0 46.6  
169 14.8 11.9 17.9



#56  
4-Nitrophenol  
Concen: 109.767 ng  
RT: 10.028 min Scan# 1332  
Delta R.T. 0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:139 Resp: 292618  
Ion Ratio Lower Upper  
139 100  
109 67.7 50.2 90.2  
65 121.6 109.2 149.2

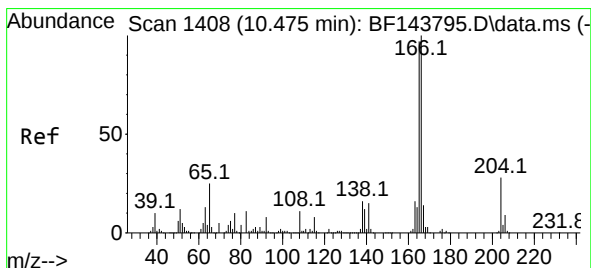
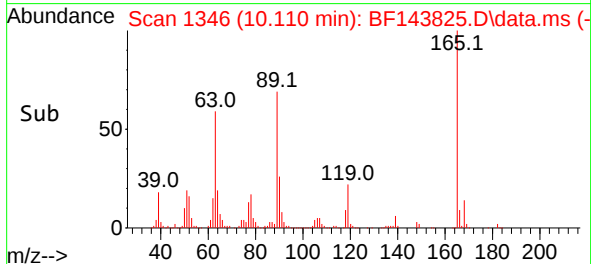
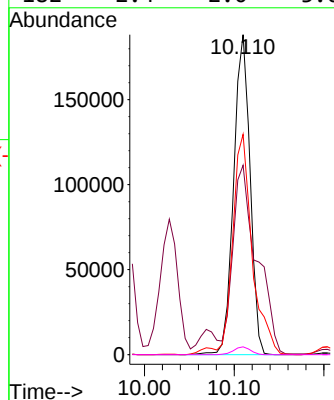
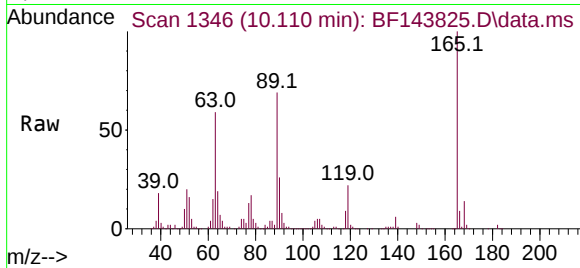




#57  
2,4-Dinitrotoluene  
Concen: 58.262 ng  
RT: 10.110 min Scan# 1345  
Delta R.T. -0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

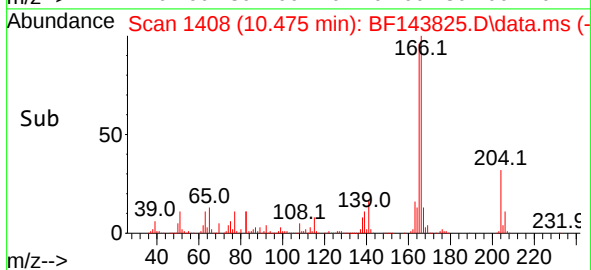
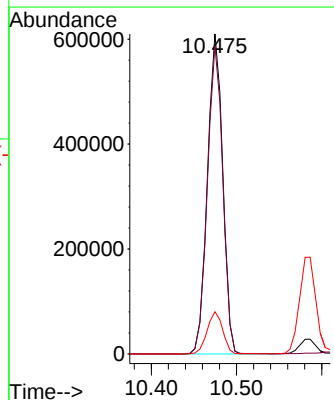
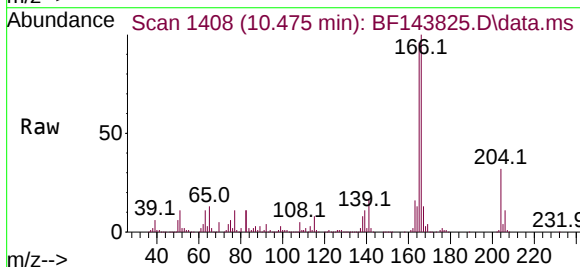
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

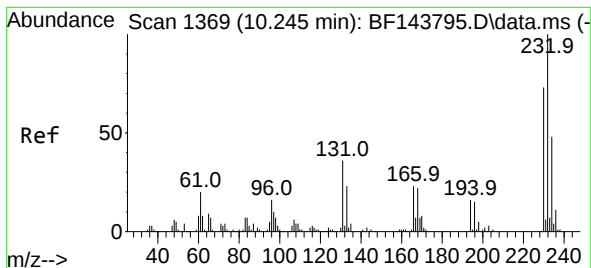
Tgt Ion:165 Resp: 238709  
Ion Ratio Lower Upper  
165 100  
63 59.2 48.9 73.3  
89 68.8 57.5 86.3  
182 2.4 2.0 3.0



#58  
Fluorene  
Concen: 50.315 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:166 Resp: 760943  
Ion Ratio Lower Upper  
166 100  
165 96.2 78.0 117.0  
167 13.2 10.9 16.3

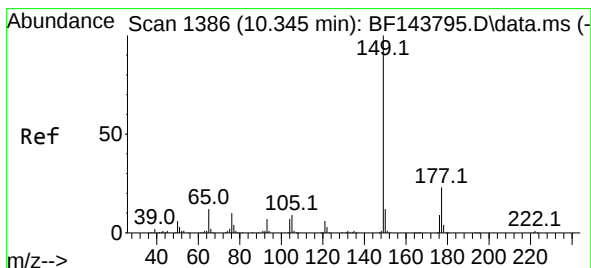
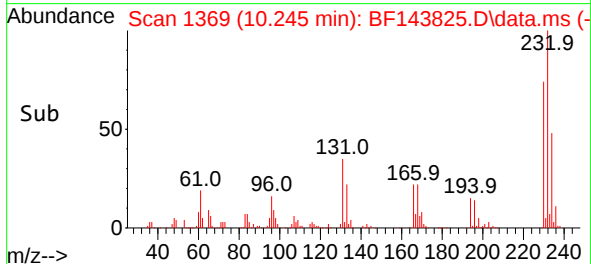
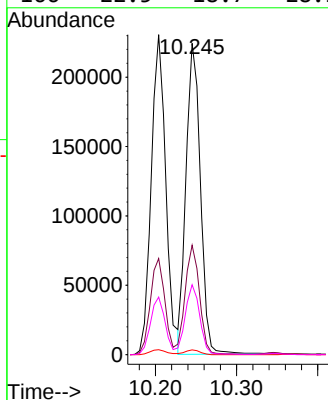
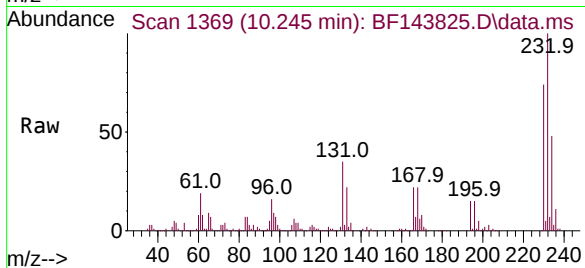




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 59.925 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

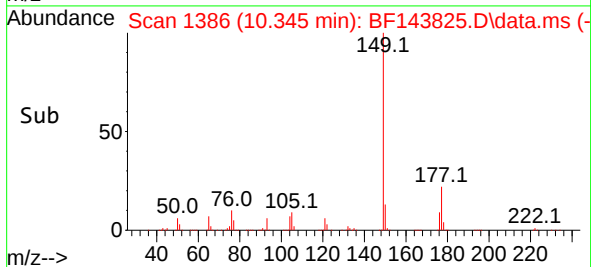
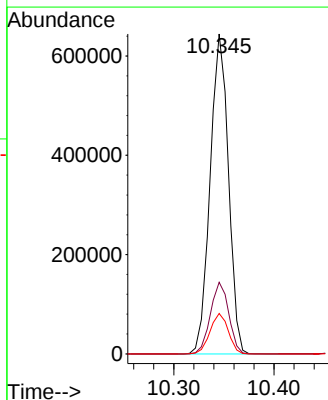
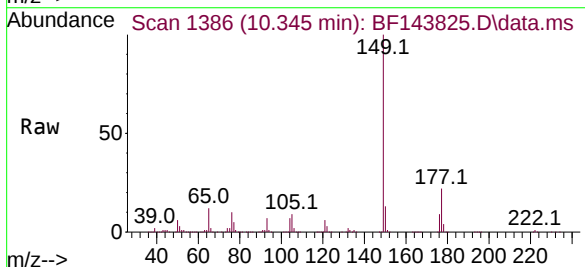
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

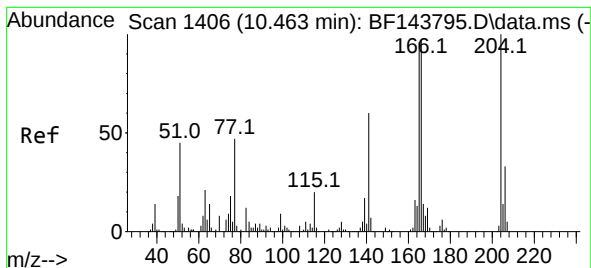
Tgt Ion:232 Resp: 276540  
Ion Ratio Lower Upper  
232 100  
131 35.2 29.4 44.2  
130 1.5 1.3 1.9  
166 22.5 18.7 28.1



#60  
Diethylphthalate  
Concen: 52.601 ng  
RT: 10.345 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:149 Resp: 817921  
Ion Ratio Lower Upper  
149 100  
177 22.4 18.1 27.1  
150 12.6 9.7 14.5

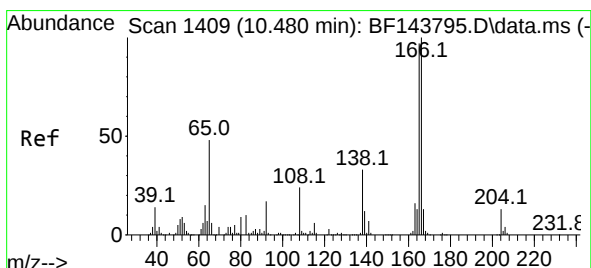
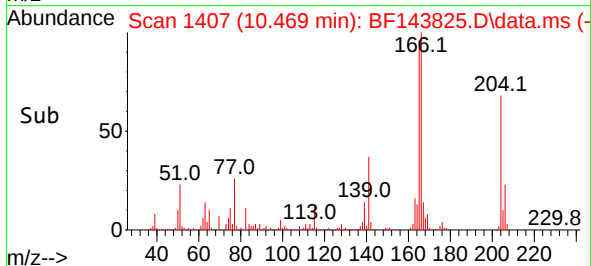
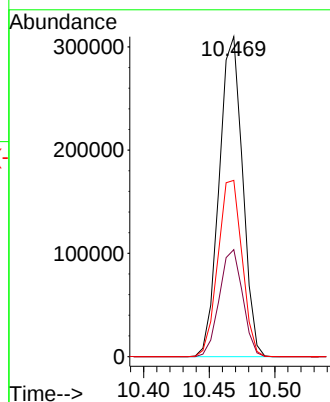
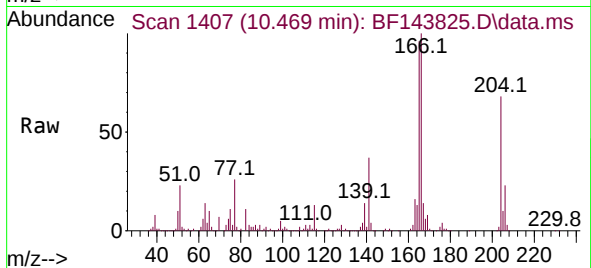




#61  
4-Chlorophenyl-phenylether  
Concen: 50.036 ng  
RT: 10.469 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

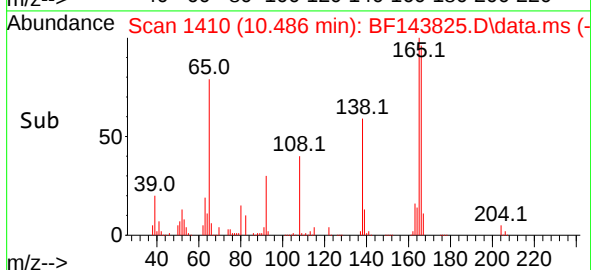
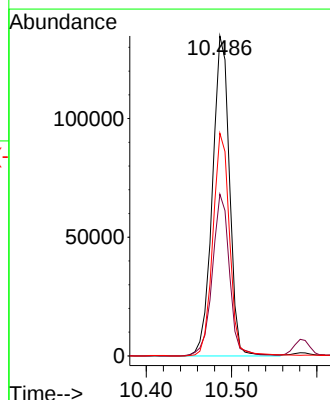
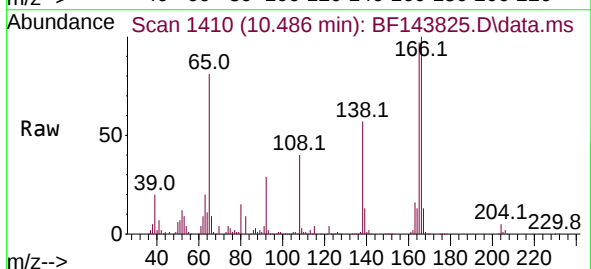
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

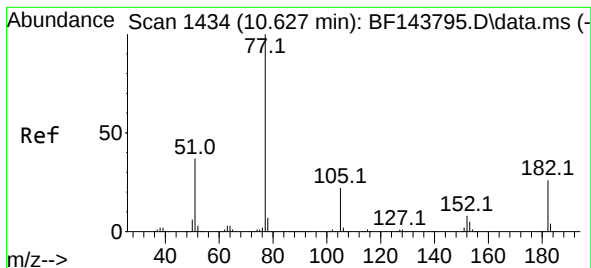
Tgt Ion:204 Resp: 385579  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.7 40.1  
141 55.1 48.2 72.2



#62  
4-Nitroaniline  
Concen: 60.106 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:138 Resp: 186960  
Ion Ratio Lower Upper  
138 100  
92 50.5 31.5 71.5  
108 69.6 51.9 91.9





#63

Azobenzene

Concen: 54.005 ng

RT: 10.628 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

Tgt Ion: 77 Resp: 885020

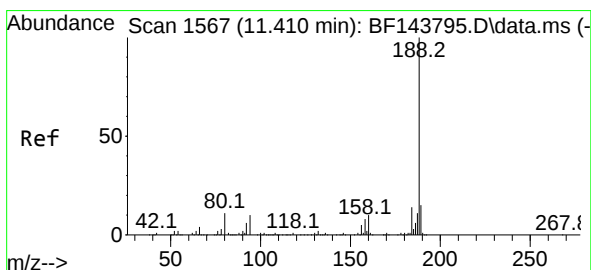
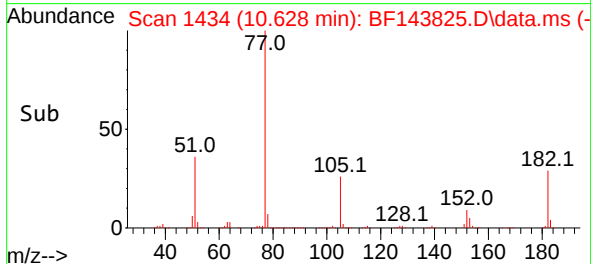
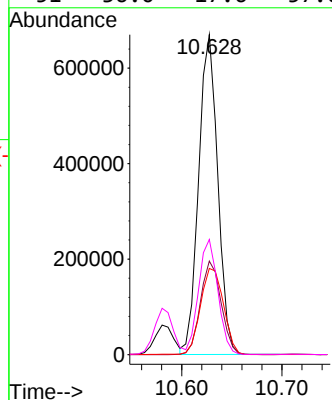
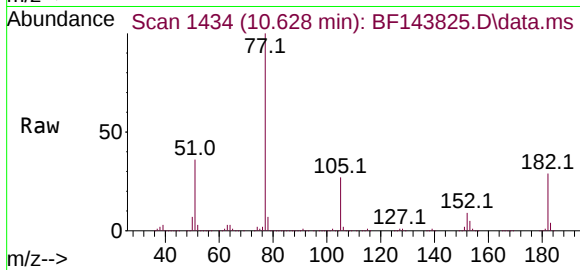
Ion Ratio Lower Upper

77 100

182 29.2 5.9 45.9

105 26.9 2.3 42.3

51 36.0 17.6 57.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

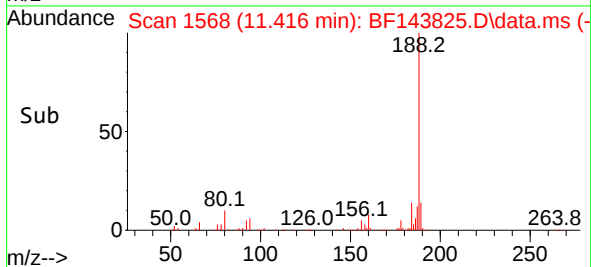
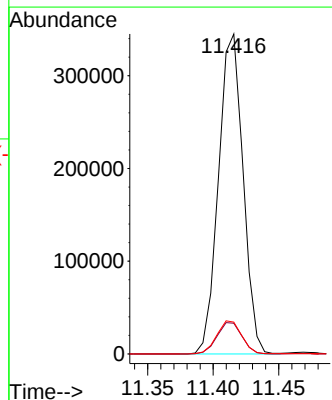
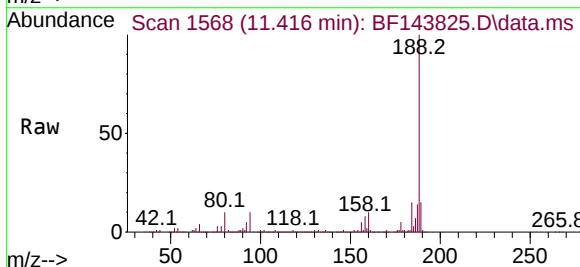
Tgt Ion:188 Resp: 450489

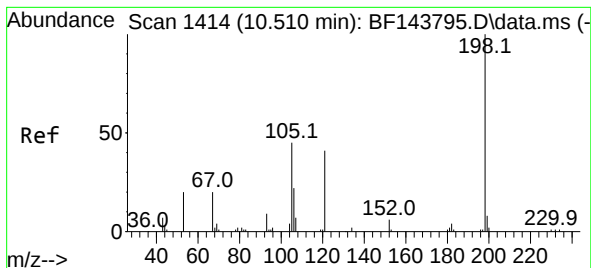
Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

80 9.9 8.6 12.8

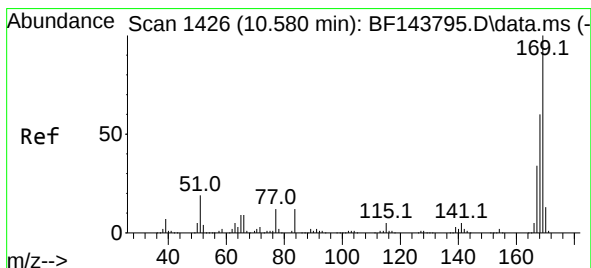
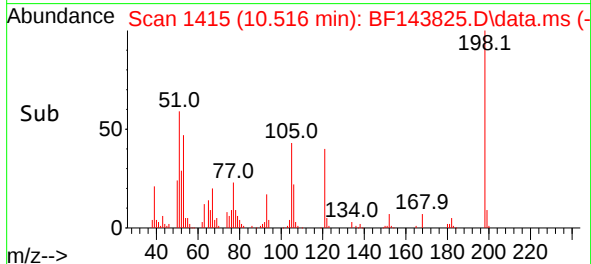
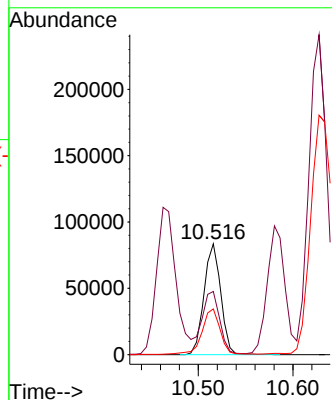
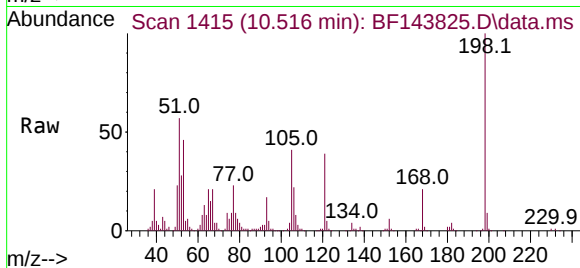




#65  
4,6-Dinitro-2-methylphenol  
Concen: 58.424 ng  
RT: 10.516 min Scan# 1414  
Delta R.T. -0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

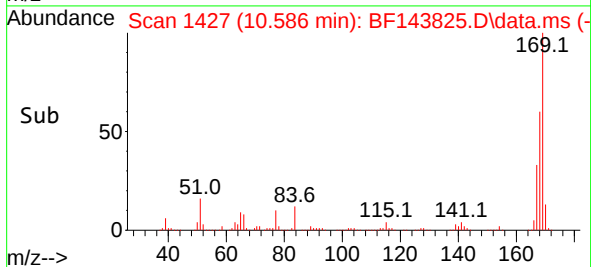
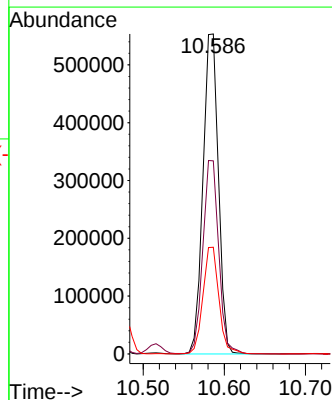
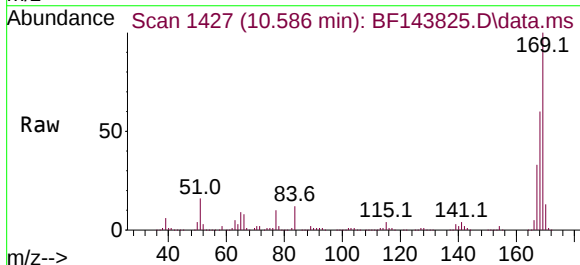
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

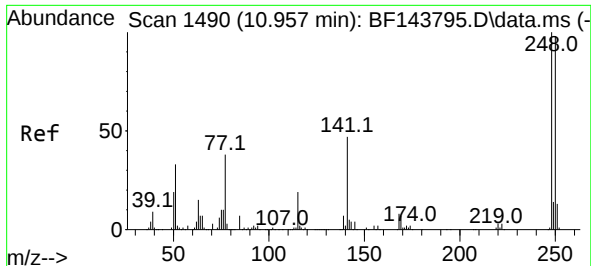
Tgt Ion:198 Resp: 102433  
Ion Ratio Lower Upper  
198 100  
51 57.0 52.0 92.0  
105 41.2 27.5 67.5



#66  
n-Nitrosodiphenylamine  
Concen: 49.441 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:169 Resp: 732480  
Ion Ratio Lower Upper  
169 100  
168 60.3 47.9 71.9  
167 33.3 27.0 40.6

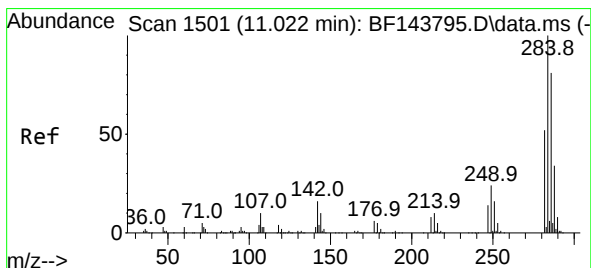
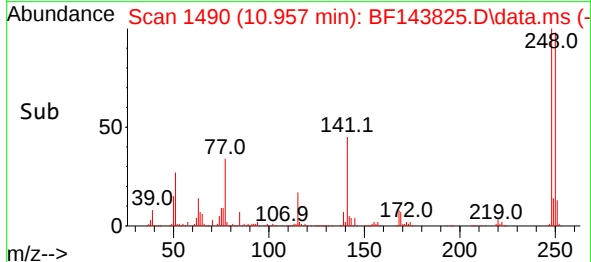
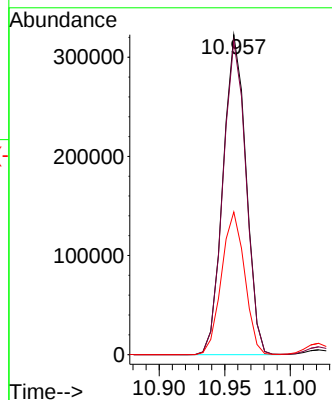
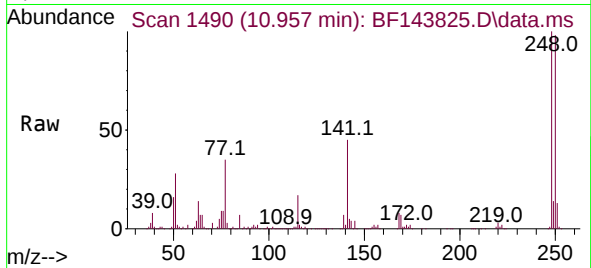




#67  
4-Bromophenyl-phenylether  
Concen: 51.268 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

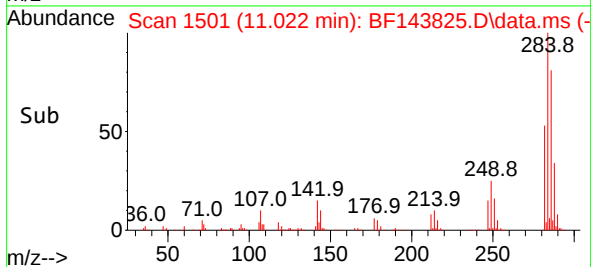
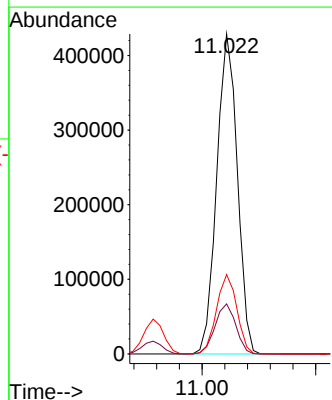
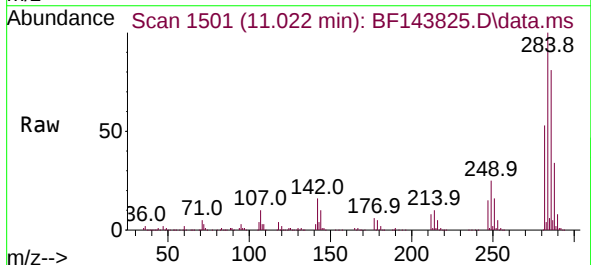
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

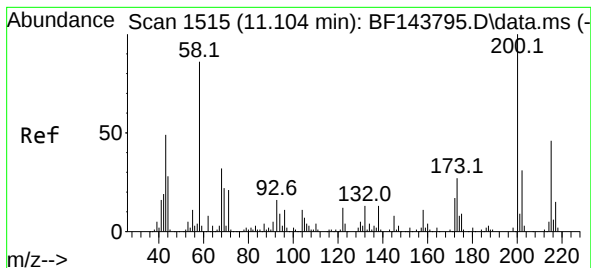
Tgt Ion:248 Resp: 393589  
Ion Ratio Lower Upper  
248 100  
250 98.0 78.7 118.1  
141 44.6 37.9 56.9



#68  
Hexachlorobenzene  
Concen: 50.890 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:284 Resp: 538402  
Ion Ratio Lower Upper  
284 100  
142 15.6 13.1 19.7  
249 24.8 19.5 29.3





#69

Atrazine

Concen: 54.291 ng

RT: 11.110 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

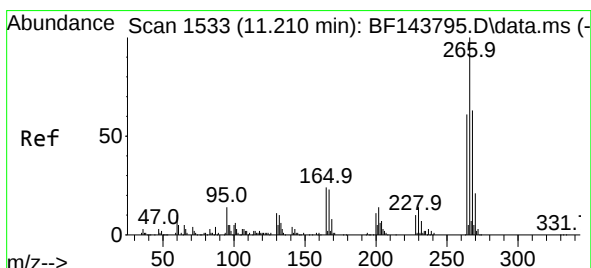
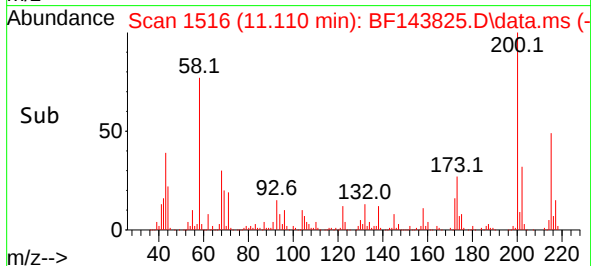
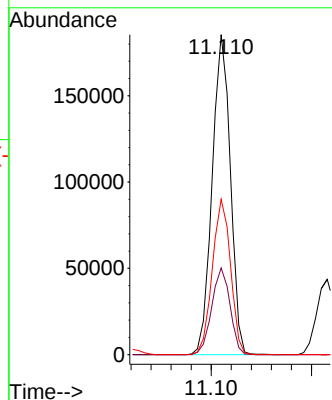
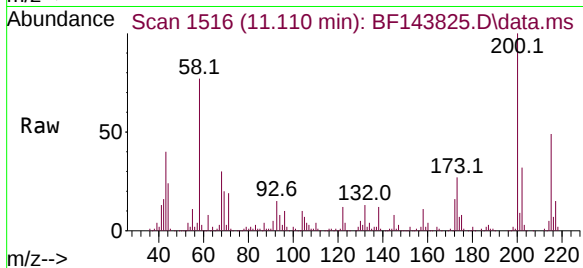
Tgt Ion:200 Resp: 232920

Ion Ratio Lower Upper

200 100

173 27.1 7.2 47.2

215 48.5 26.0 66.0



#70

Pentachlorophenol

Concen: 106.897 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

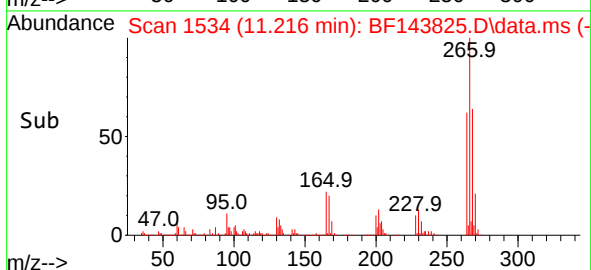
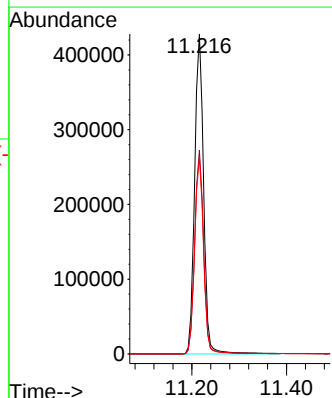
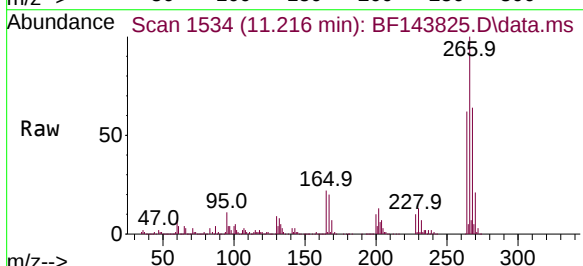
Tgt Ion:266 Resp: 562958

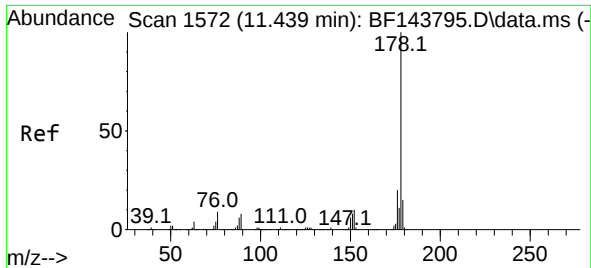
Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

264 61.6 48.8 73.2

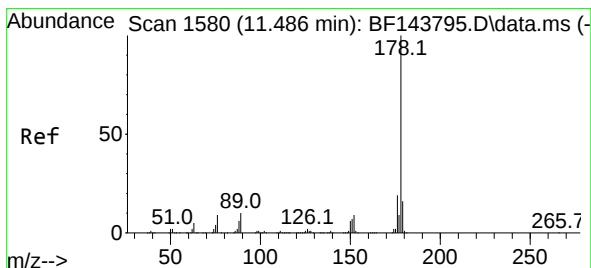
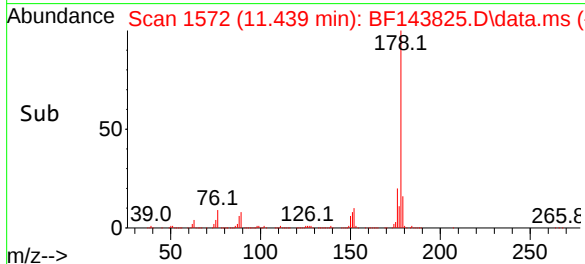
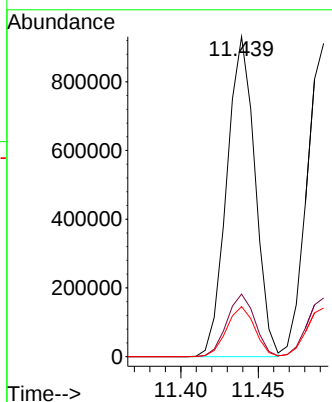
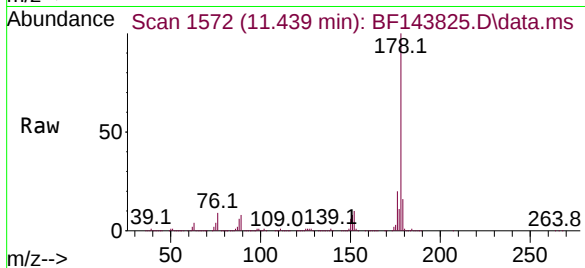




#71  
Phenanthrene  
Concen: 50.951 ng  
RT: 11.439 min Scan# 1178387  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

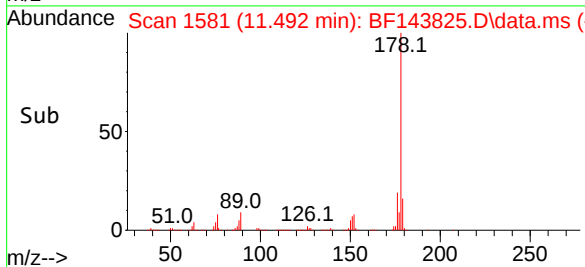
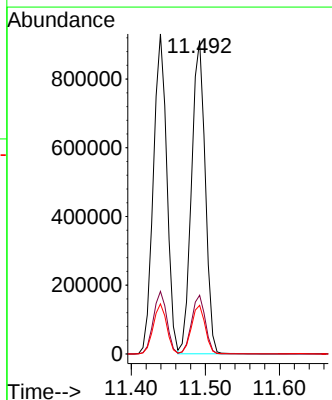
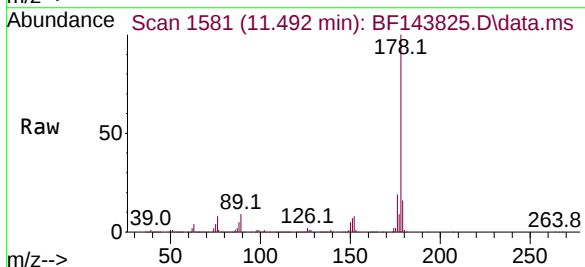
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BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

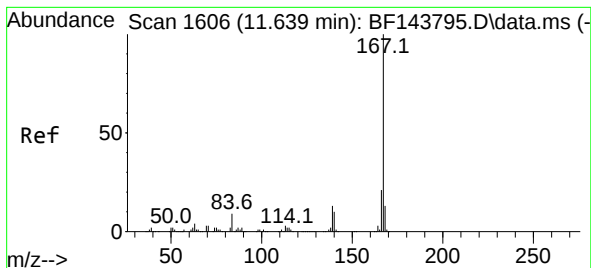
Tgt Ion:178 Resp: 1178387  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.6 12.2 18.4



#72  
Anthracene  
Concen: 50.397 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:178 Resp: 1169171  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.3 22.9  
179 15.5 12.8 19.2





#73

Carbazole

Concen: 49.266 ng

RT: 11.645 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

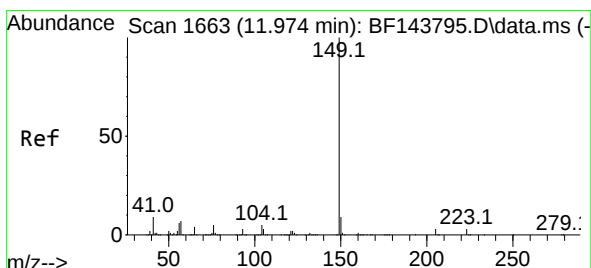
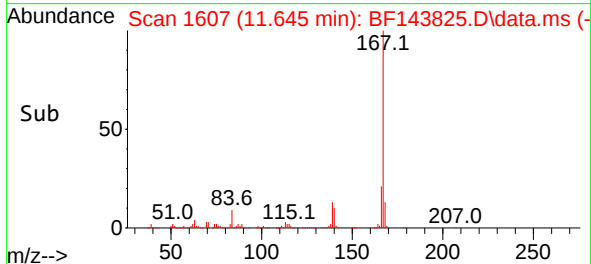
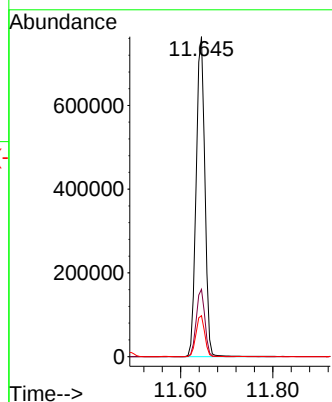
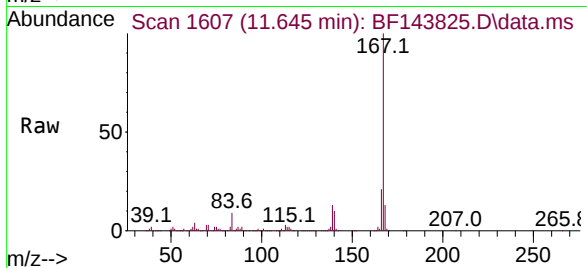
Tgt Ion:167 Resp: 999286

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.4

139 12.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 50.606 ng

RT: 11.975 min Scan# 1663

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

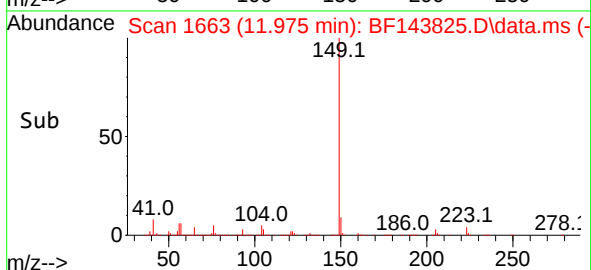
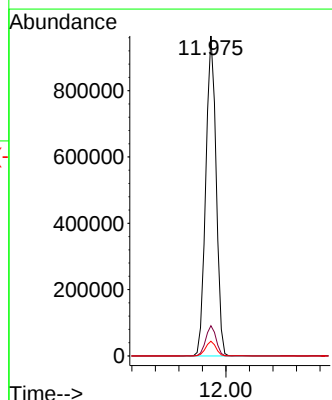
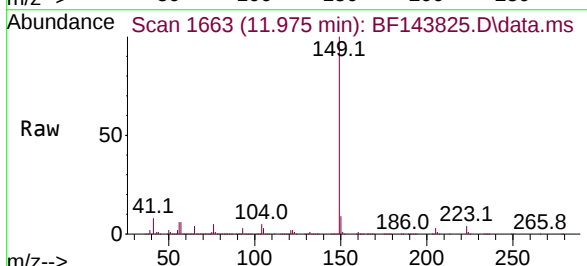
Tgt Ion:149 Resp: 1180532

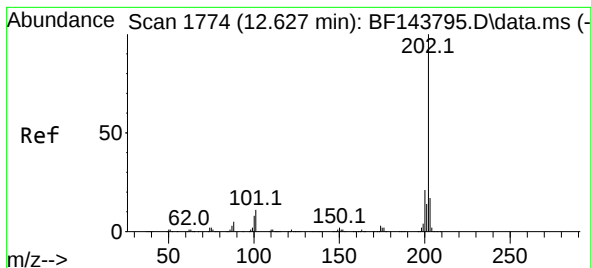
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 50.510 ng

RT: 12.627 min Scan# 1174934

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

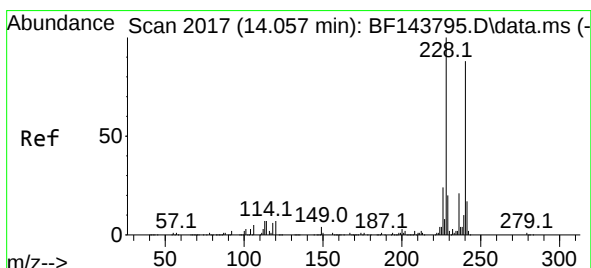
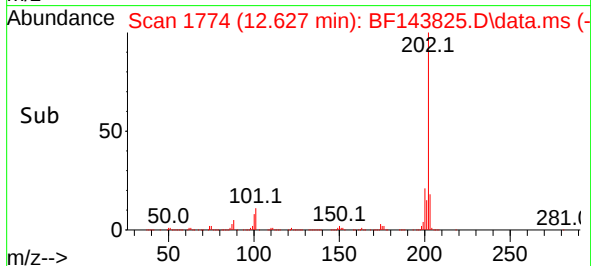
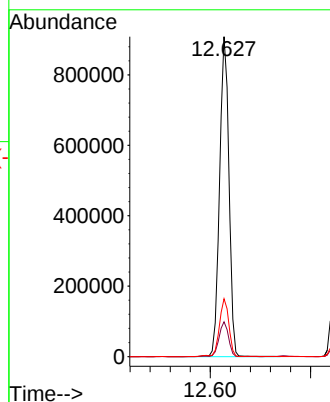
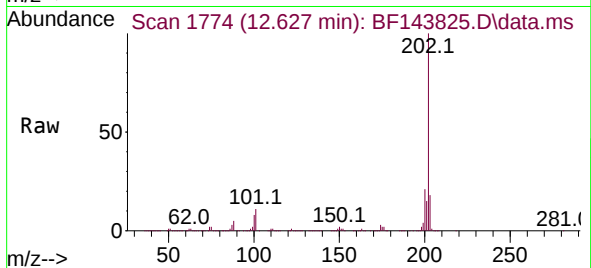
Tgt Ion:202 Resp: 1174934

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.1

203 18.1 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

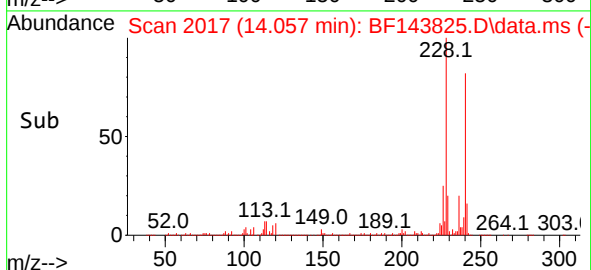
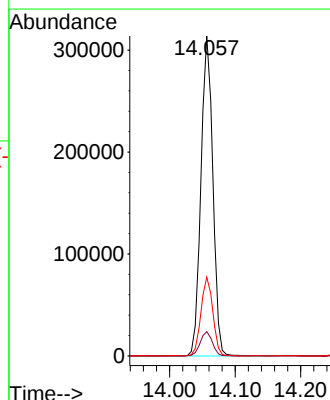
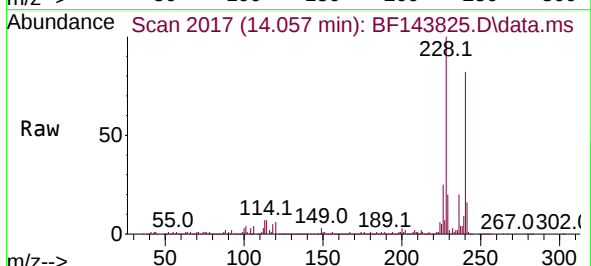
Tgt Ion:240 Resp: 392846

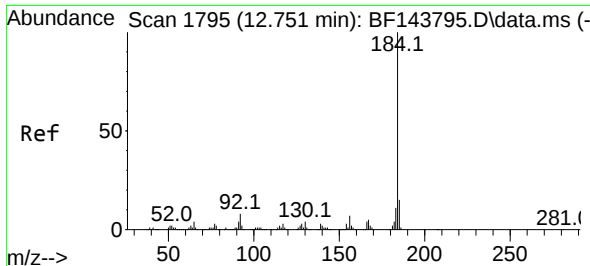
Ion Ratio Lower Upper

240 100

120 7.6 6.2 9.4

236 24.6 19.4 29.2

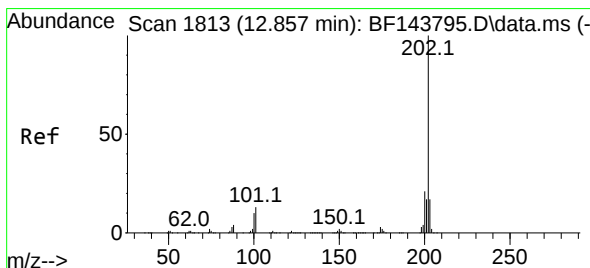
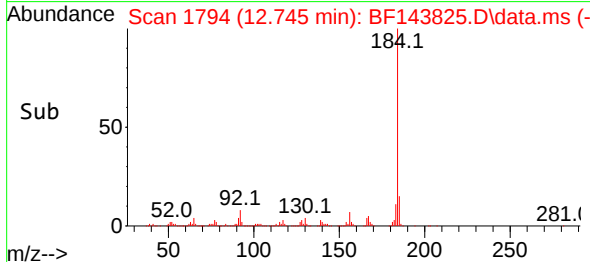
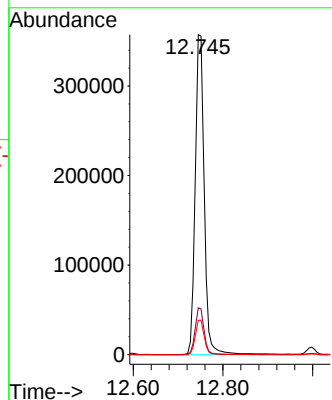
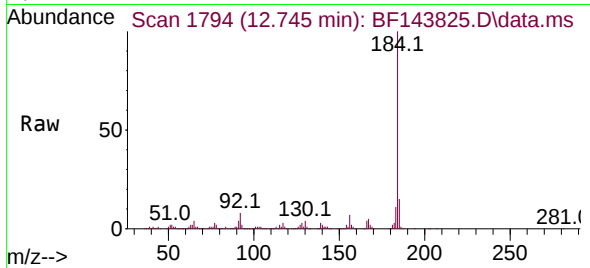




#77  
Benzidine  
Concen: 52.202 ng  
RT: 12.745 min Scan# 1794  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

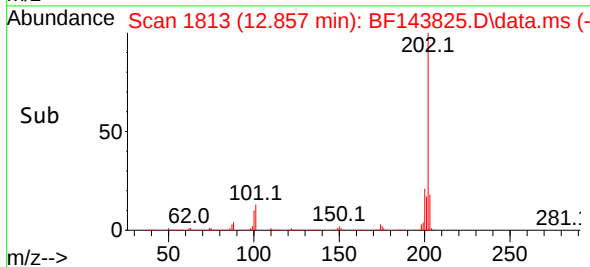
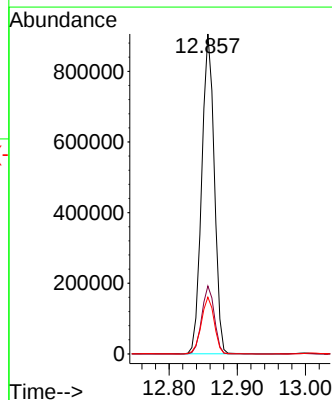
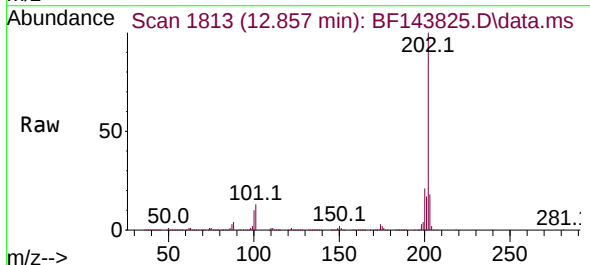
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

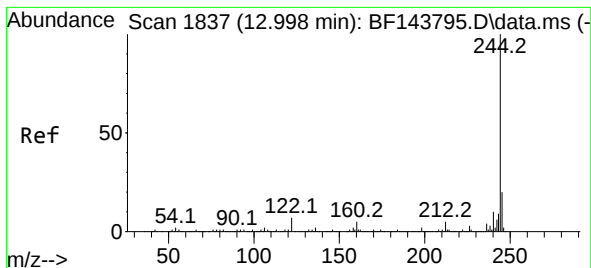
Tgt Ion:184 Resp: 499719  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.6 17.4  
183 10.7 8.6 13.0



#78  
Pyrene  
Concen: 60.150 ng  
RT: 12.857 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:202 Resp: 1161743  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.4  
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 62.615 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

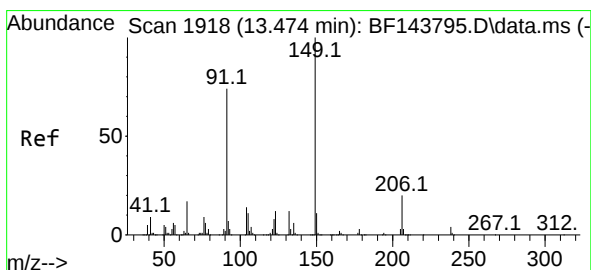
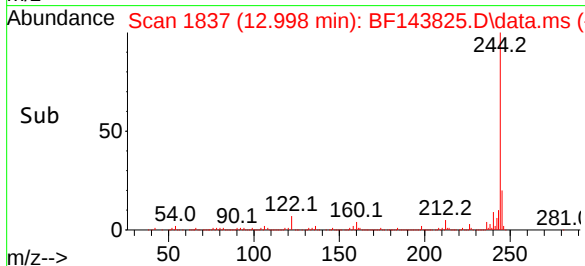
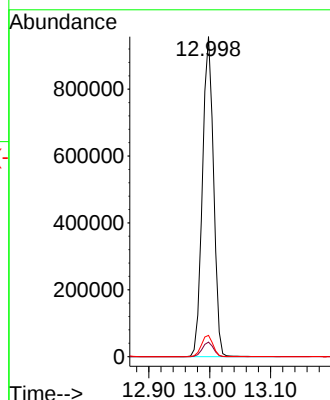
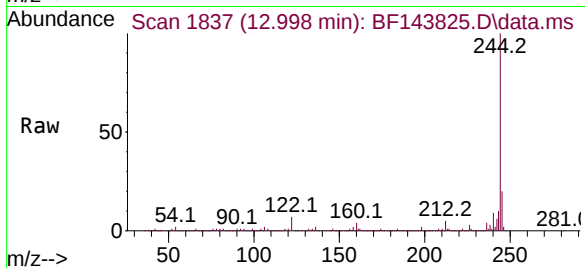
Tgt Ion:244 Resp: 1209493

Ion Ratio Lower Upper

244 100

212 4.5 3.9 5.9

122 6.6 5.6 8.4



#80

Butylbenzylphthalate

Concen: 57.265 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

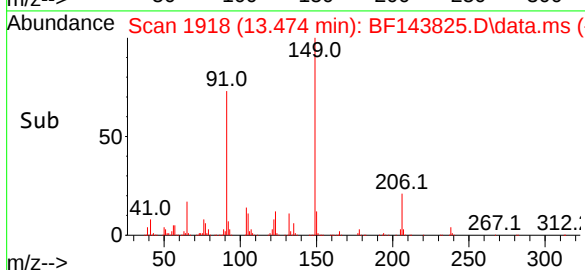
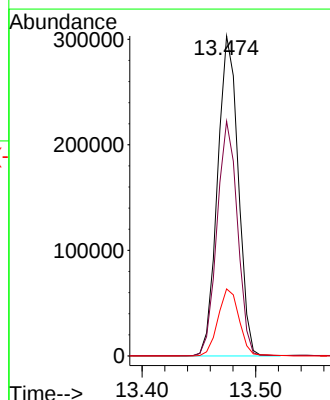
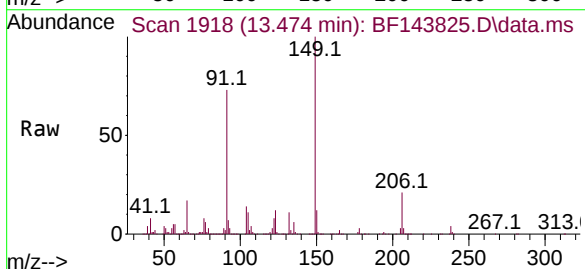
Tgt Ion:149 Resp: 382648

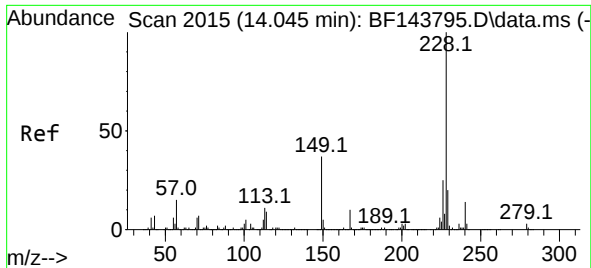
Ion Ratio Lower Upper

149 100

91 73.3 59.5 89.3

206 20.9 16.1 24.1

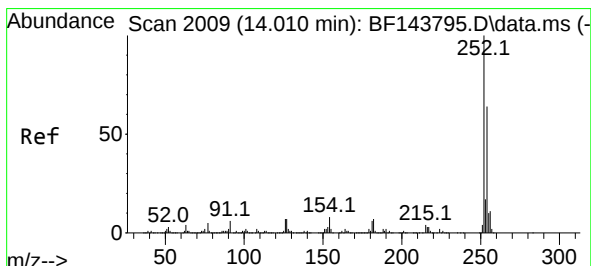
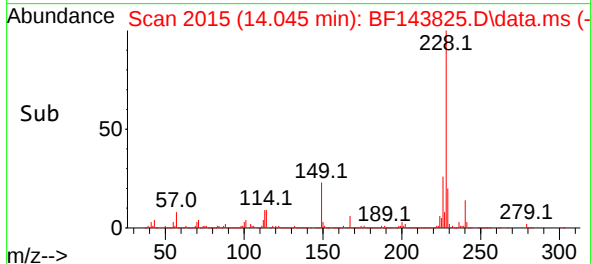
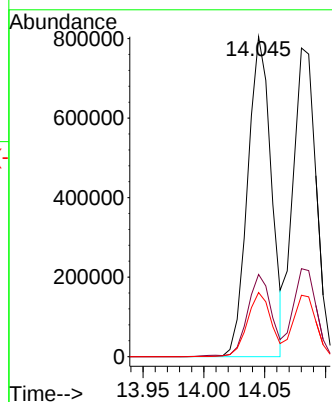
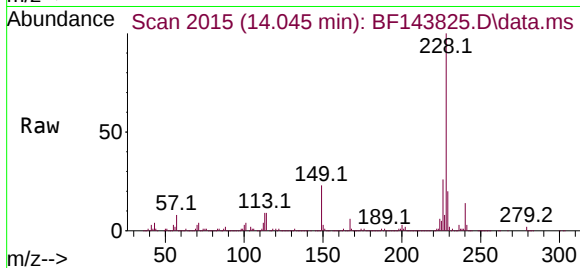




#81  
Benzo(a)anthracene  
Concen: 51.350 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

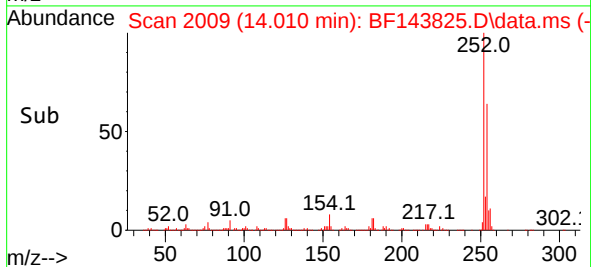
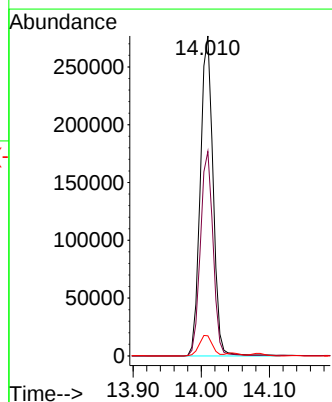
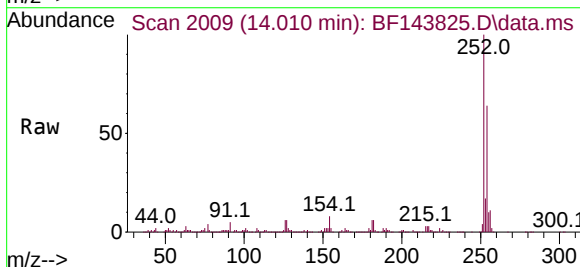
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

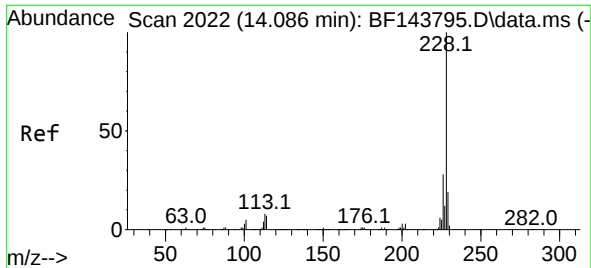
Tgt Ion:228 Resp: 1083717  
Ion Ratio Lower Upper  
228 100  
226 25.7 20.2 30.2  
229 20.0 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 39.455 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:252 Resp: 360730  
Ion Ratio Lower Upper  
252 100  
254 63.9 51.5 77.3  
126 6.3 5.4 8.2





#83

Chrysene

Concen: 53.384 ng

RT: 14.080 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

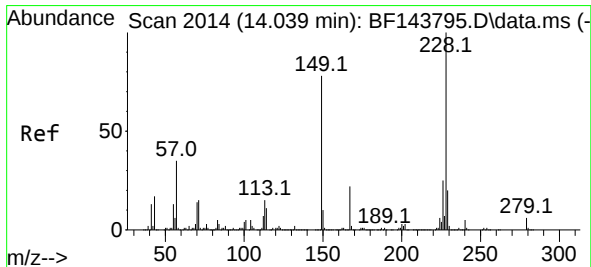
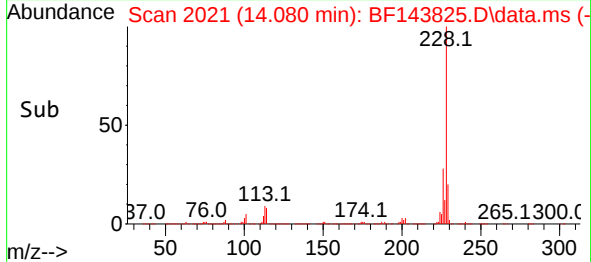
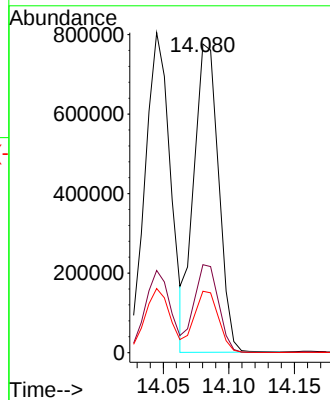
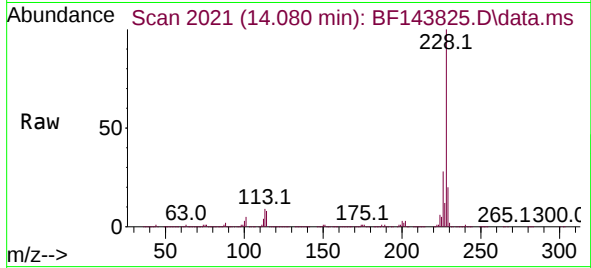
Tgt Ion:228 Resp: 1019454

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.895 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

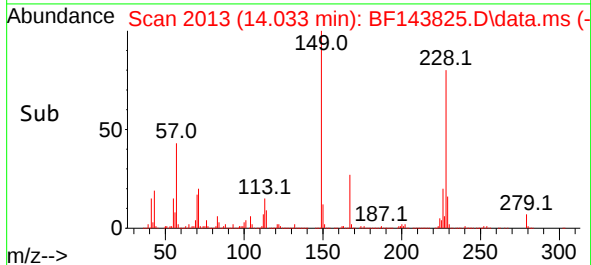
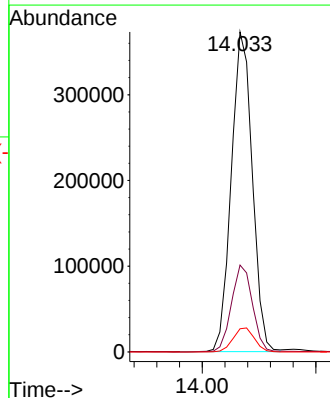
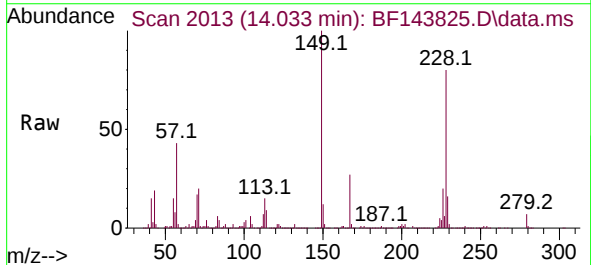
Tgt Ion:149 Resp: 478905

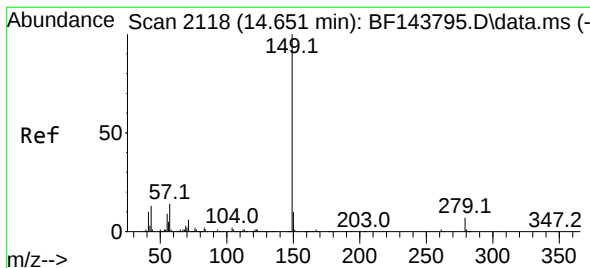
Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.2

279 7.2 6.0 9.0

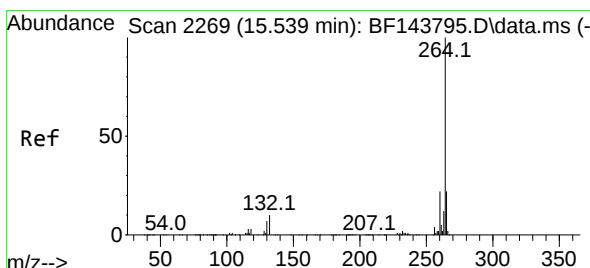
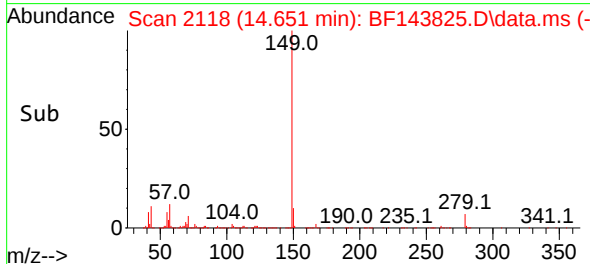
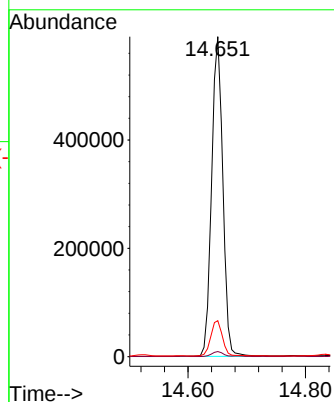
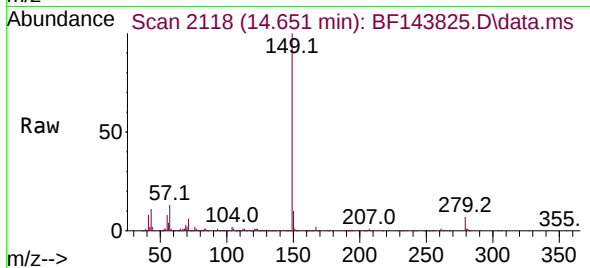




#85  
Di-n-octyl phthalate  
Concen: 43.994 ng  
RT: 14.651 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

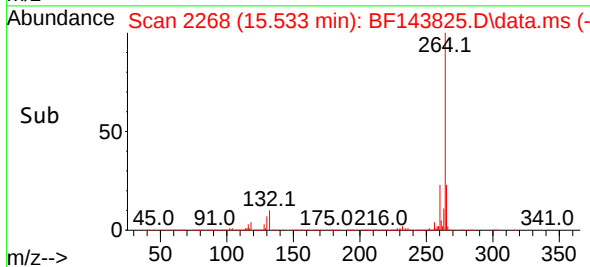
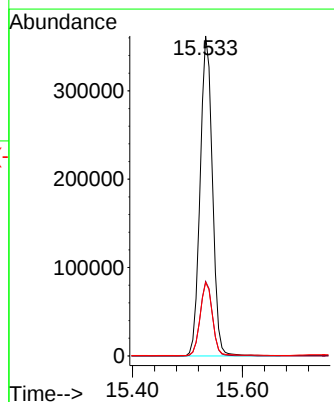
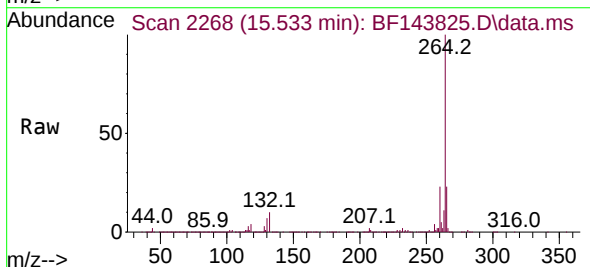
Instrument : BNA\_F  
ClientSampleId : WALL-PROBE-BRICK-1MSD

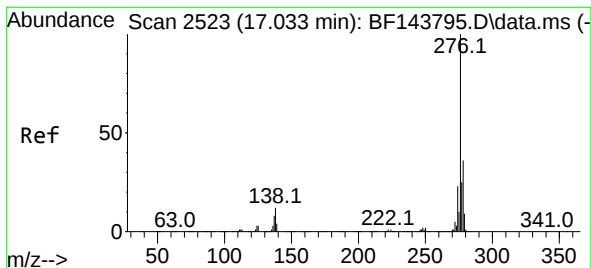
Tgt Ion:149 Resp: 781615  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.1 1.7  
43 11.5 10.7 16.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.533 min Scan# 2268  
Delta R.T. -0.006 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:264 Resp: 560812  
Ion Ratio Lower Upper  
264 100  
260 23.3 17.9 26.9  
265 22.9 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.989 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

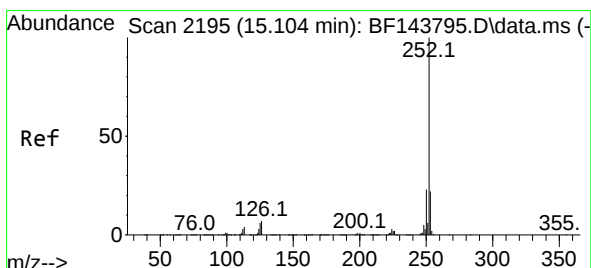
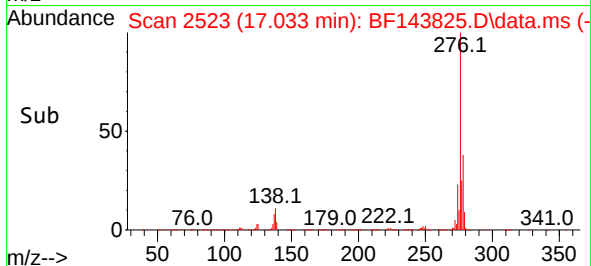
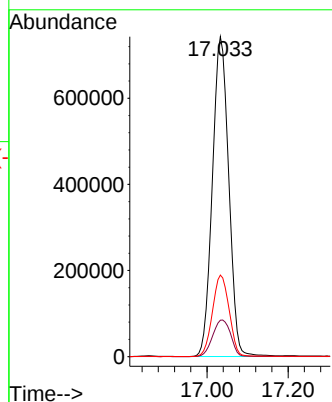
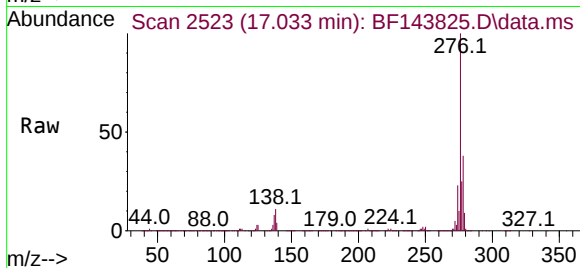
Tgt Ion:276 Resp: 2084542

Ion Ratio Lower Upper

276 100

138 12.7 10.6 15.8

277 26.0 20.7 31.1



#88

Benzo(b)fluoranthene

Concen: 54.163 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

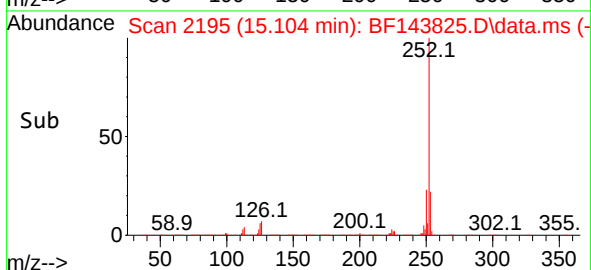
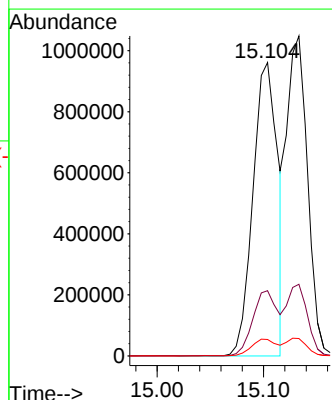
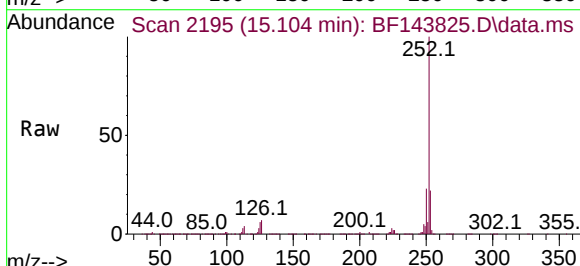
Tgt Ion:252 Resp: 1546844

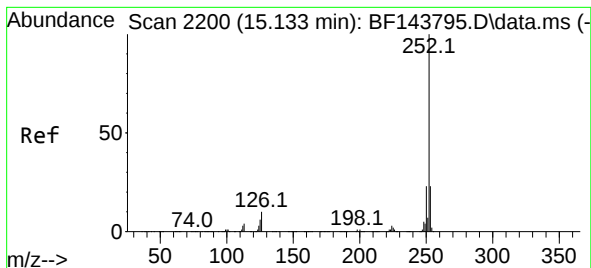
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 5.6 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 49.284 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA\_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

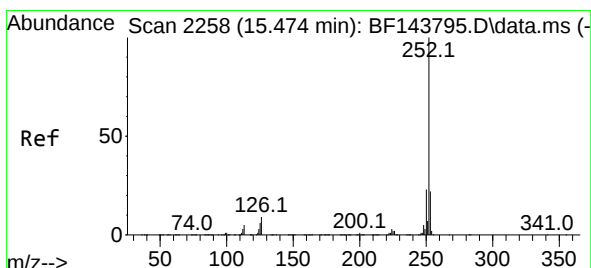
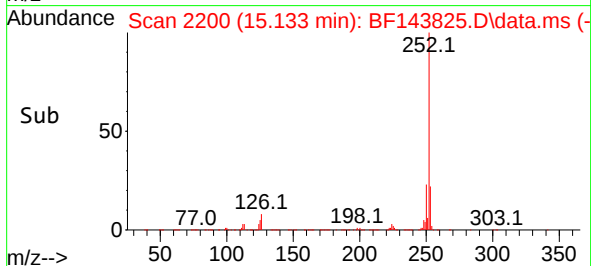
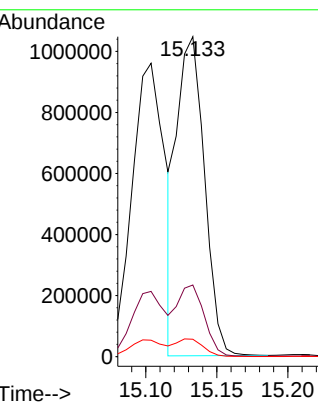
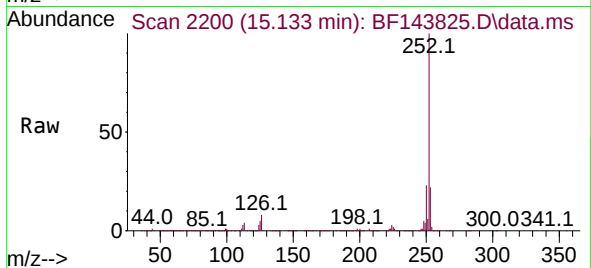
Tgt Ion:252 Resp: 1414086

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 5.4 4.6 6.8



#90

Benzo(a)pyrene

Concen: 54.257 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

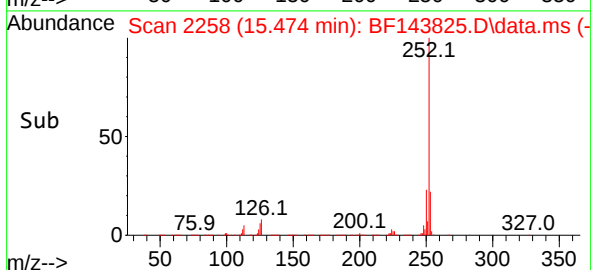
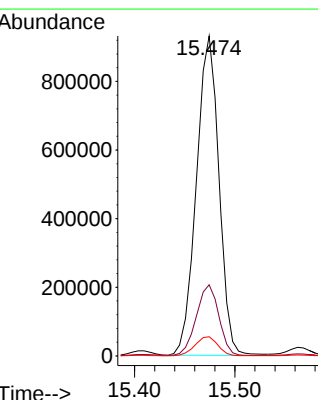
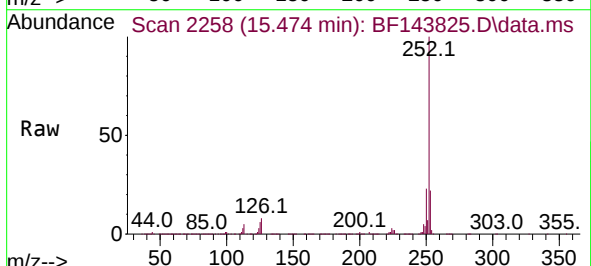
Tgt Ion:252 Resp: 1456549

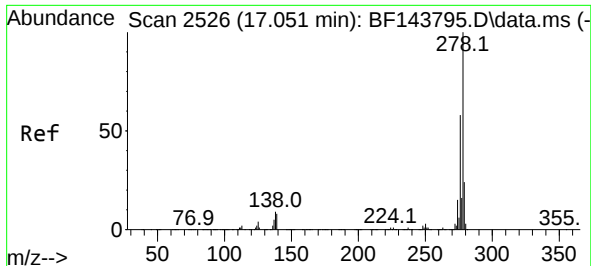
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 6.0 5.0 7.4

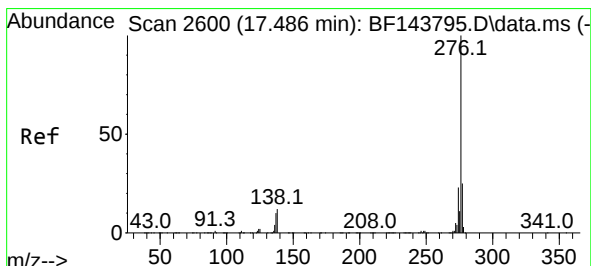
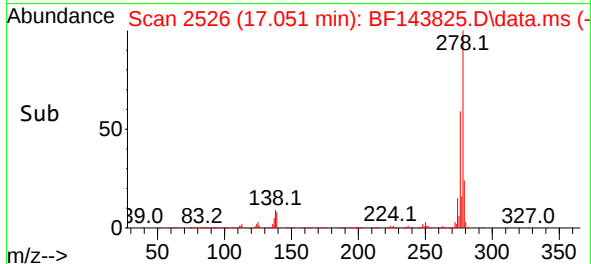
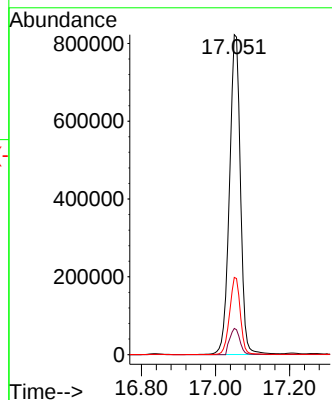
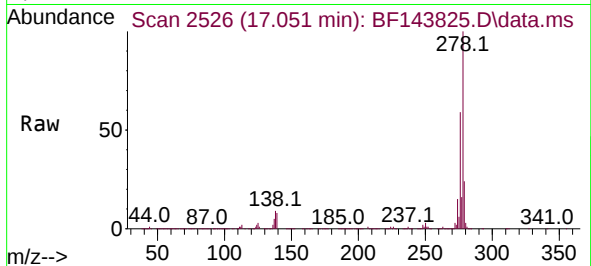




#91  
Dibenzo(a,h)anthracene  
Concen: 48.510 ng  
RT: 17.051 min Scan# 2526  
Delta R.T. -0.018 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Instrument :  
BNA\_F  
ClientSampleId :  
WALL-PROBE-BRICK-1MSD

Tgt Ion:278 Resp: 1688279  
Ion Ratio Lower Upper  
278 100  
139 8.2 6.7 10.1  
279 24.1 19.3 28.9



#92  
Benzo(g,h,i)perylene  
Concen: 49.813 ng  
RT: 17.486 min Scan# 2600  
Delta R.T. -0.018 min  
Lab File: BF143825.D  
Acq: 29 Sep 2025 16:44

Tgt Ion:276 Resp: 1671185  
Ion Ratio Lower Upper  
276 100  
277 24.3 19.6 29.4  
138 11.2 9.2 13.8

