

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
 Data File : BF144011.D  
 Acq On : 21 Oct 2025 14:26  
 Operator : RC/JU  
 Sample : PB170166BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Oct 21 15:00:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 143049   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 542097   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 303383   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 514428   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 294228   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 269889   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 1041896  | 115.66 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.510  | 99   | 1253720  | 116.76 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 787738   | 88.28  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 402650   | 133.25 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1485429  | 77.69  | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.004 | 244  | 1611319  | 93.60  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.746  | 88   | 158920   | 38.12  | ng    | 97       |
| 3) Pyridine                   | 3.505  | 79   | 467089   | 38.49  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.457  | 42   | 285455   | 44.72  | ng    | 96       |
| 6) Aniline                    | 6.545  | 93   | 507019   | 31.51  | ng    | 96       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 394908   | 44.85  | ng    | 98       |
| 9) Benzaldehyde               | 6.434  | 77   | 224672   | 27.12  | ng    | 99       |
| 10) Phenol                    | 6.528  | 94   | 565688   | 44.07  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 437711   | 44.14  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 460179   | 43.66  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 458450   | 44.09  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 451221   | 45.31  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 383545   | 47.67  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 1034514  | 45.83  | ng    | 100      |
| 17) 2-Methylphenol            | 7.134  | 107  | 331138   | 45.50  | ng    | 99       |
| 18) Hexachloroethane          | 7.392  | 117  | 151068   | 43.57  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 320210   | 43.57  | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 370409   | 43.92  | ng    | # 78     |
| 22) Acetophenone              | 7.293  | 105  | 550722   | 48.05  | ng    | 96       |
| 24) Nitrobenzene              | 7.463  | 77   | 464227   | 46.85  | ng    | 98       |
| 25) Isophorone                | 7.704  | 82   | 867511   | 46.11  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 229883   | 54.11  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 382833   | 50.10  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 551455   | 46.40  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 368392   | 46.28  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 373675   | 47.73  | ng    | 99       |
| 31) Naphthalene               | 8.187  | 128  | 1092595  | 44.31  | ng    | 99       |
| 32) Benzoic acid              | 7.951  | 122  | 289503   | 54.74  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 151347   | 16.36  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 243818   | 44.82  | ng    | 98       |
| 35) Caprolactam               | 8.657  | 113  | 44704    | 17.66  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 353031   | 46.17  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 683796   | 41.63  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 693649   | 43.54  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 403668   | 48.14  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 378037   | 108.67 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 273315   | 44.61  | ng    | 96       |

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 Sample : PB170166BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

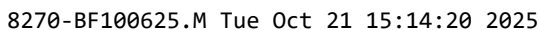
Instrument :  
 BNA\_F  
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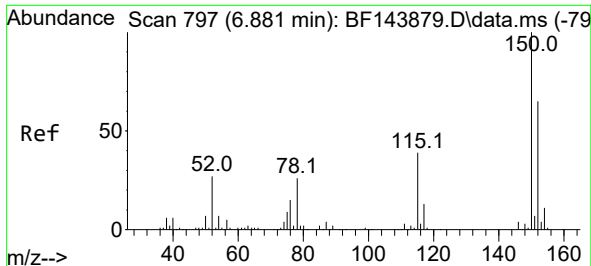
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 300310   | 46.38 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 969032   | 48.24 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 742619   | 44.34 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 261709   | 49.43 | ng    | 98       |
| 49) Acenaphthylene            | 9.786  | 152  | 1174680  | 49.89 | ng    | 100      |
| 50) Dimethylphthalate         | 9.645  | 163  | 892205   | 46.31 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 187841   | 52.58 | ng    | 96       |
| 52) Acenaphthene              | 9.957  | 154  | 724010   | 46.93 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.881  | 138  | 125615   | 28.72 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 195686   | 88.04 | ng    | 91       |
| 55) Dibenzofuran              | 10.133 | 168  | 957500   | 43.97 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.045 | 139  | 289721   | 87.47 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 257883   | 53.05 | ng    | 98       |
| 58) Fluorene                  | 10.475 | 166  | 734096   | 44.67 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 221268   | 48.28 | ng    | 97       |
| 60) Diethylphthalate          | 10.345 | 149  | 819628   | 45.79 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 385490   | 44.37 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 199147   | 47.34 | ng    | 95       |
| 63) Azobenzene                | 10.628 | 77   | 866985   | 46.35 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 143666   | 55.57 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 741697   | 45.92 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 254094   | 44.69 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 302432   | 45.95 | ng    | 99       |
| 69) Atrazine                  | 11.116 | 200  | 241090   | 49.24 | ng    | 98       |
| 70) Pentachlorophenol         | 11.222 | 266  | 323274   | 85.52 | ng    | 97       |
| 71) Phenanthrene              | 11.439 | 178  | 1131472  | 45.37 | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 1132576  | 44.95 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 1005015  | 45.04 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 1227652  | 47.47 | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 1160588  | 45.05 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 276908   | 27.10 | ng    | 98       |
| 78) Pyrene                    | 12.863 | 202  | 1182316  | 48.20 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 423233   | 53.13 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 959279   | 49.82 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 155849   | 26.56 | ng    | 99       |
| 83) Chrysene                  | 14.092 | 228  | 807482   | 45.31 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 488485   | 50.87 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 740855   | 46.97 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.051 | 276  | 866365   | 52.39 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 793165   | 51.16 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 634319   | 44.22 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 665215   | 49.48 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 17.068 | 278  | 703017   | 52.86 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.509 | 276  | 711157   | 53.47 | ng    | 98       |

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

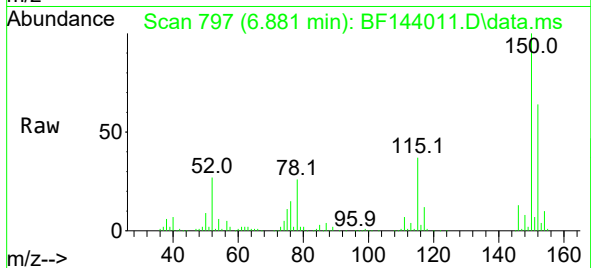
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
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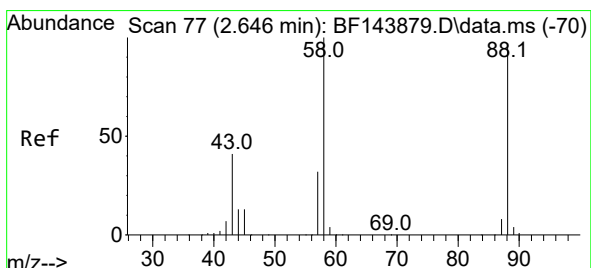
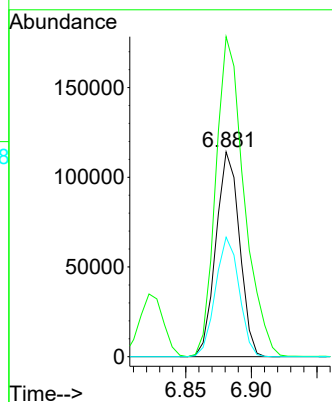
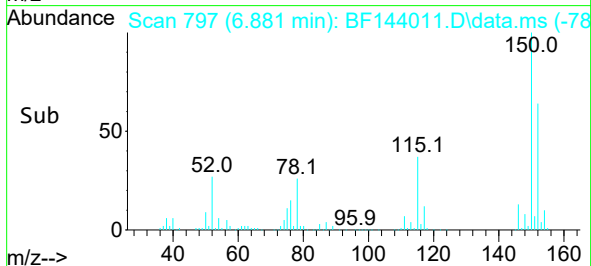


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.881 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF144011.D  
 Acq: 21 Oct 2025 14:26

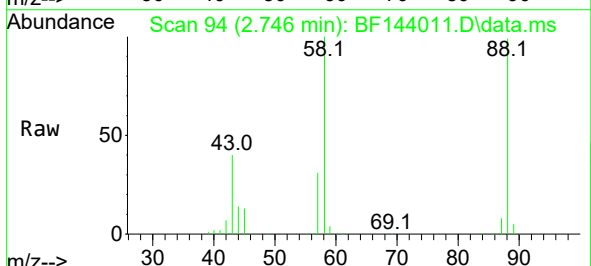
Instrument :  
 BNA\_F  
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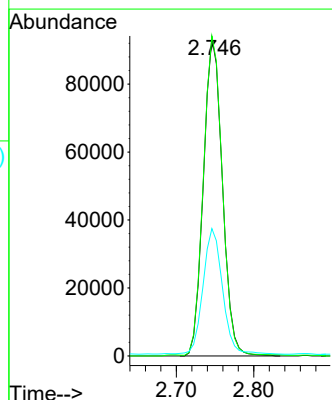
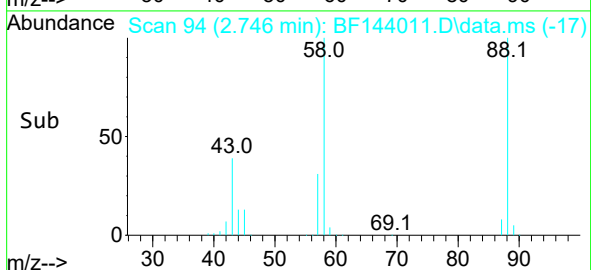
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 Ion Ratio Lower Upper  
 152 100  
 150 156.2 124.4 186.6  
 115 58.4 48.1 72.1

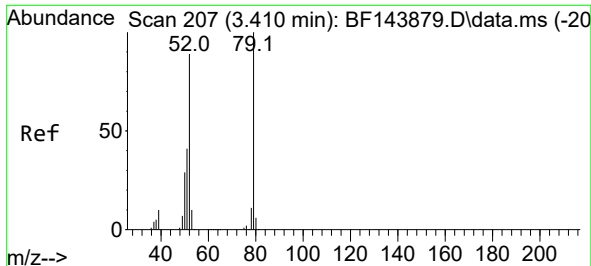


#2  
 1,4-Dioxane  
 Concen: 38.12 ng  
 RT: 2.746 min Scan# 94  
 Delta R.T. 0.100 min  
 Lab File: BF144011.D  
 Acq: 21 Oct 2025 14:26



Tgt Ion: 88 Resp: 158920  
 Ion Ratio Lower Upper  
 88 100  
 58 100.3 83.0 124.6  
 43 40.8 33.9 50.9





#3

Pyridine

Concen: 38.49 ng

RT: 3.505 min Scan# 21

Delta R.T. 0.088 min

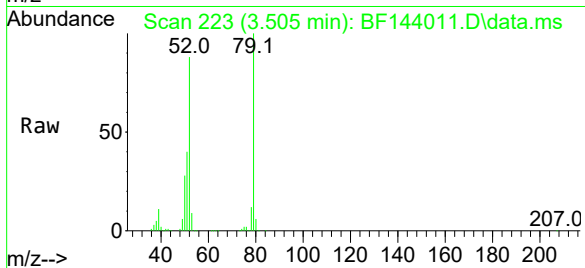
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Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

ClientSampleId :



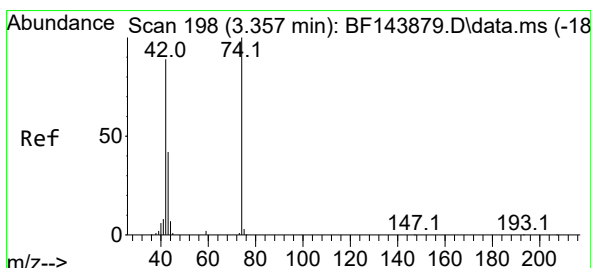
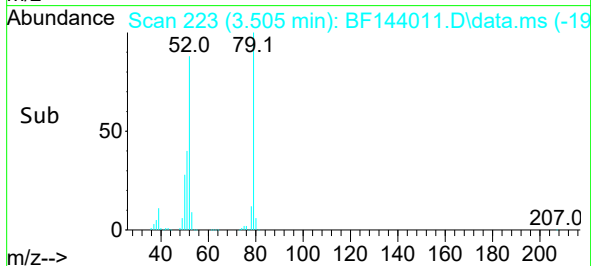
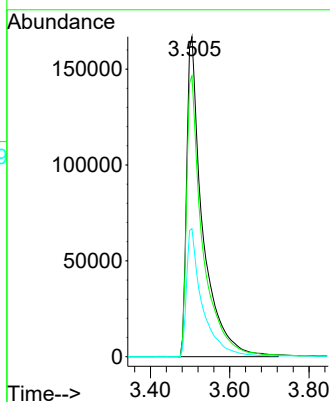
Tgt Ion: 79 Resp: 467089

Ion Ratio Lower Upper

79 100

52 87.8 71.5 107.3

51 40.0 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 44.72 ng

RT: 3.457 min Scan# 215

Delta R.T. 0.071 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

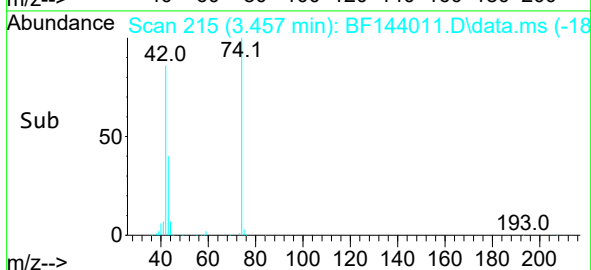
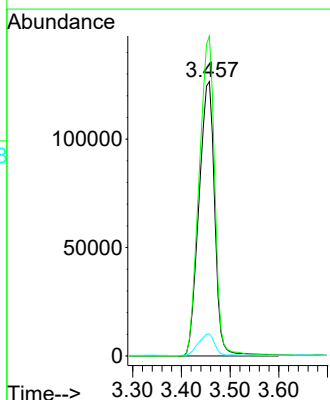
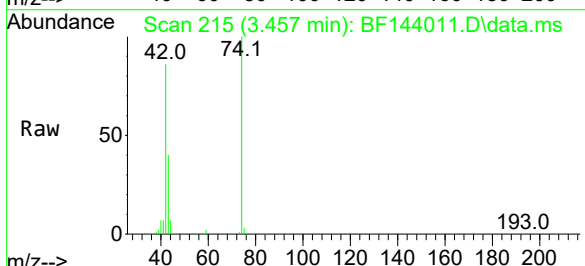
Tgt Ion: 42 Resp: 285455

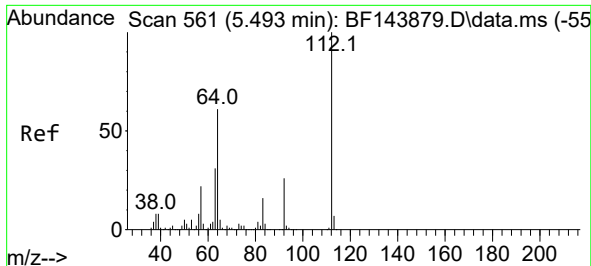
Ion Ratio Lower Upper

42 100

74 116.6 90.0 135.0

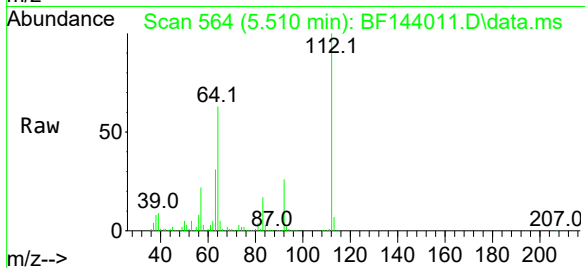
44 8.0 6.2 9.2



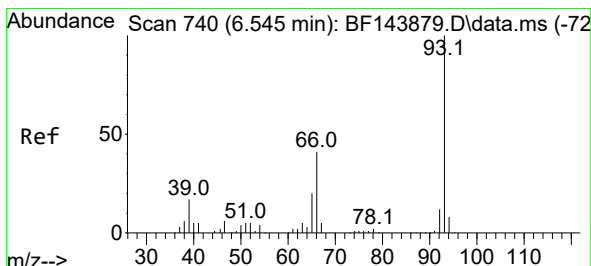
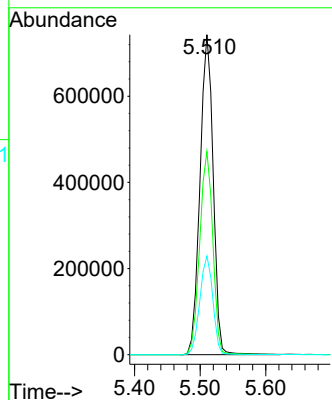
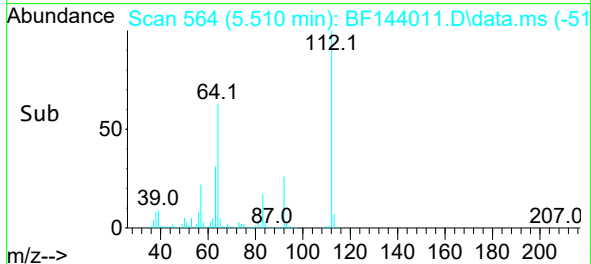


#5  
2-Fluorophenol  
Concen: 115.66 ng  
RT: 5.510 min Scan# 50  
Delta R.T. 0.012 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Instrument :  
BNA\_F  
ClientSampleId :

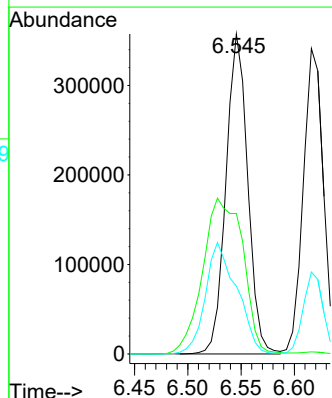
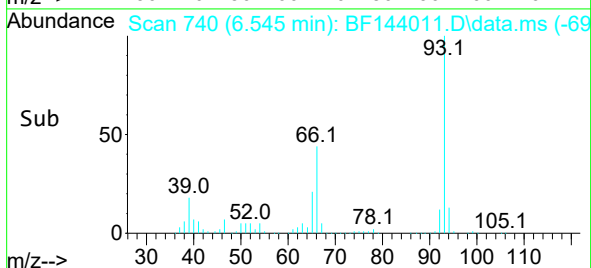
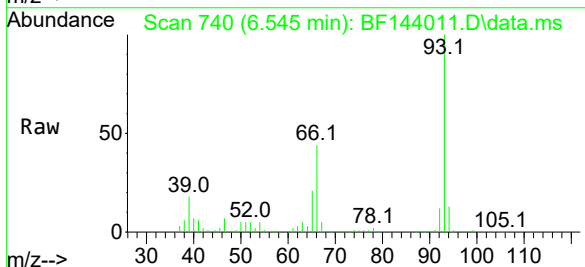


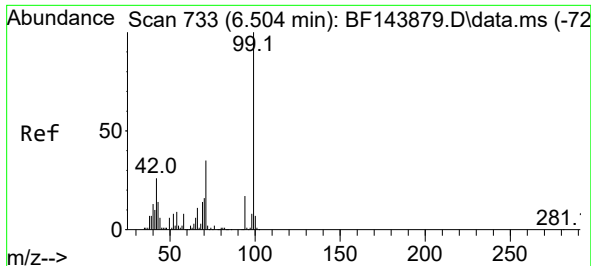
Tgt Ion:112 Resp: 1041896  
Ion Ratio Lower Upper  
112 100  
64 63.5 49.1 73.7  
63 30.8 24.5 36.7



#6  
Aniline  
Concen: 31.51 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion: 93 Resp: 507019  
Ion Ratio Lower Upper  
93 100  
66 43.9 33.0 49.6  
65 21.2 15.8 23.8





#7

Phenol-d6

Concen: 116.76 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

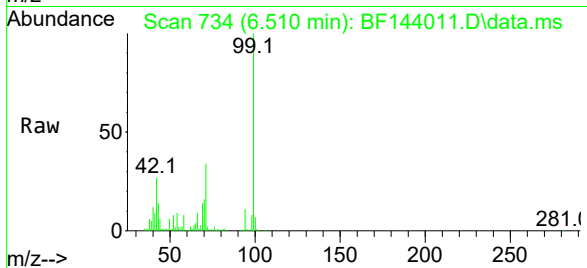
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Instrument :

BNA\_F

ClientSampleId :



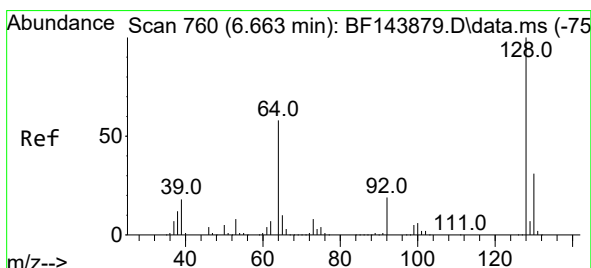
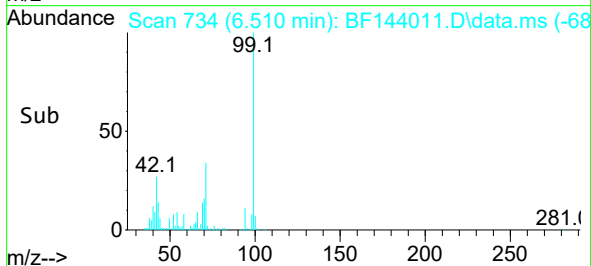
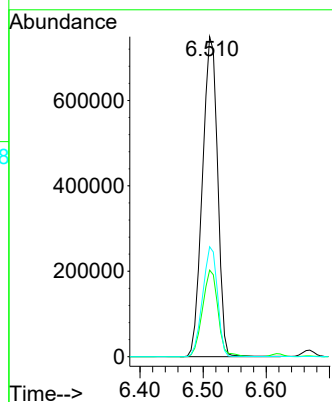
Tgt Ion: 99 Resp: 1253720

Ion Ratio Lower Upper

99 100

42 27.0 21.0 31.4

71 34.3 27.8 41.8



#8

2-Chlorophenol

Concen: 44.85 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

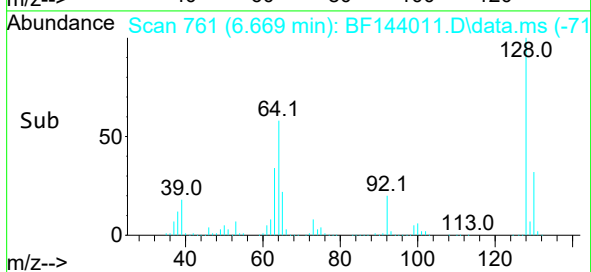
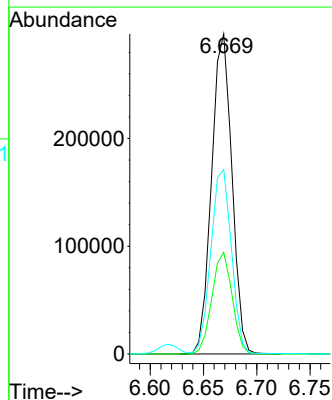
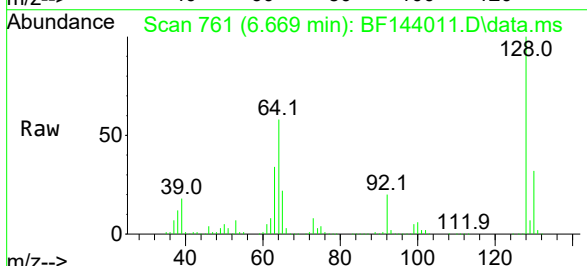
Tgt Ion:128 Resp: 394908

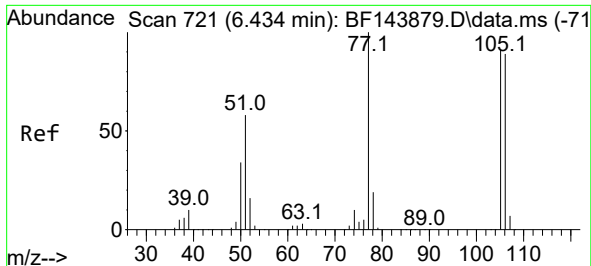
Ion Ratio Lower Upper

128 100

130 31.7 10.7 50.7

64 57.7 39.0 79.0

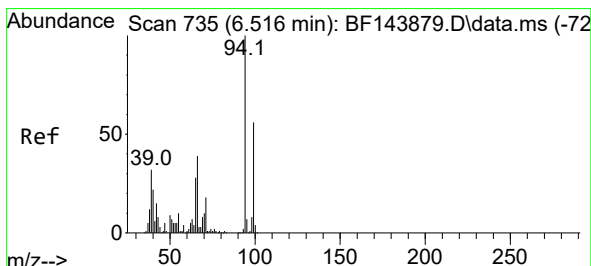
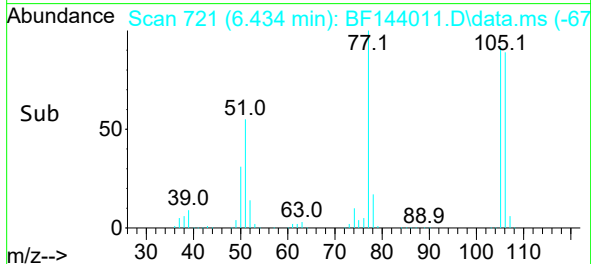
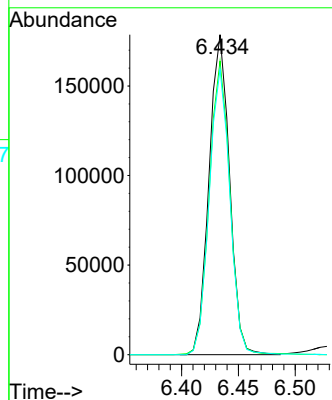
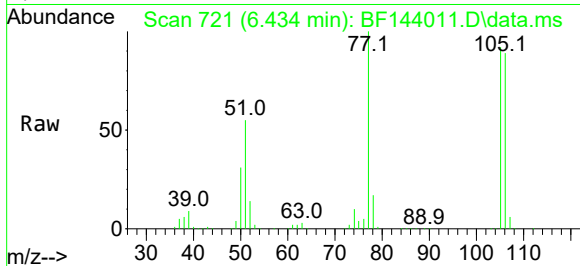




#9  
Benzaldehyde  
Concen: 27.12 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

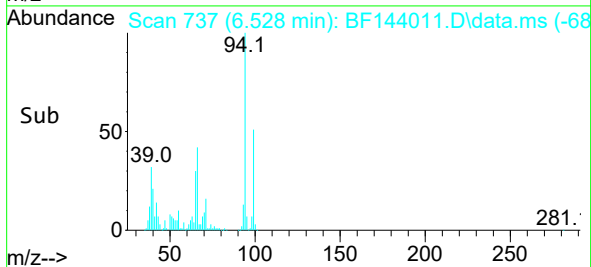
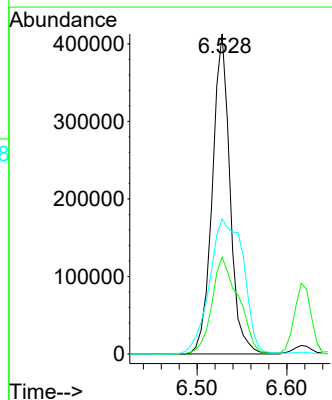
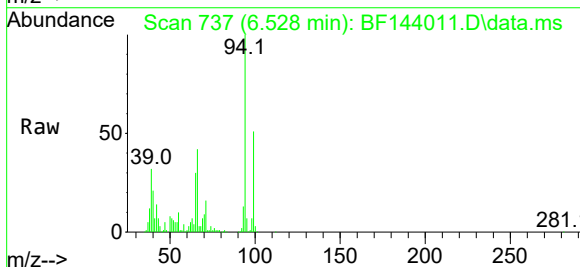
Instrument :  
BNA\_F  
ClientSampleId :

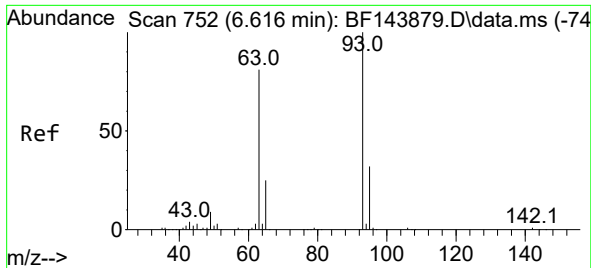
Tgt Ion: 77 Resp: 224672  
Ion Ratio Lower Upper  
77 100  
105 91.8 70.9 110.9  
106 89.1 68.9 108.9



#10  
Phenol  
Concen: 44.07 ng  
RT: 6.528 min Scan# 737  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion: 94 Resp: 565688  
Ion Ratio Lower Upper  
94 100  
65 30.2 8.5 48.5  
66 42.2 19.9 59.9





#11

bis(2-Chloroethyl)ether

Concen: 44.14 ng

RT: 6.616 min Scan# 752

Delta R.T. -0.012 min

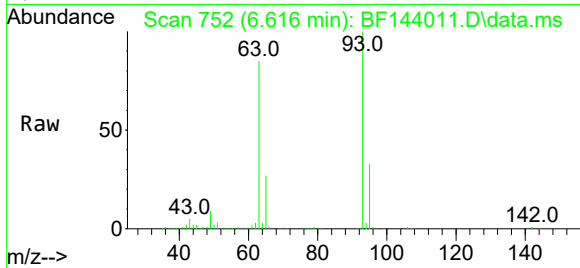
Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

ClientSampleId :



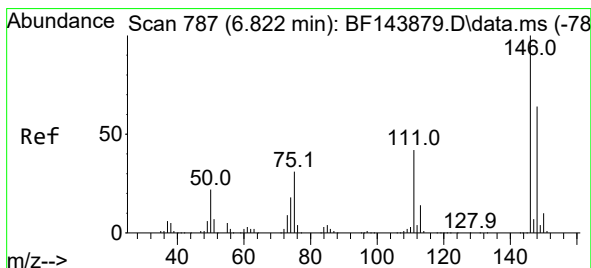
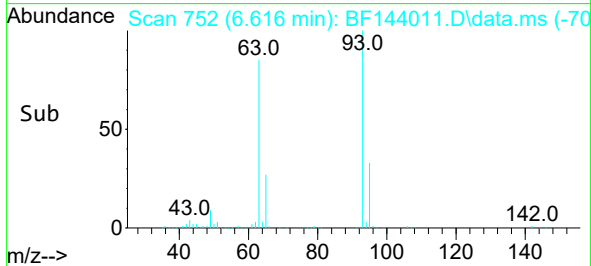
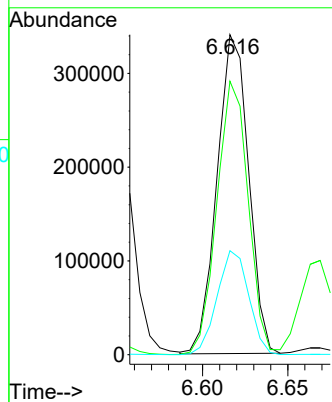
Tgt Ion: 93 Resp: 437711

Ion Ratio Lower Upper

93 100

63 85.5 60.9 100.9

95 32.5 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 43.66 ng

RT: 6.822 min Scan# 787

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

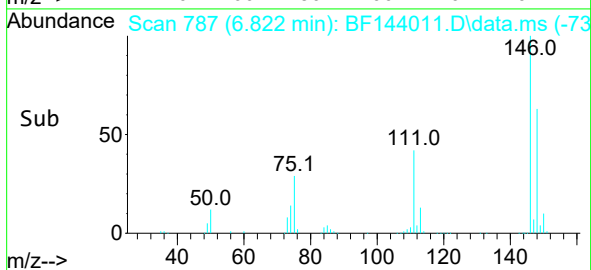
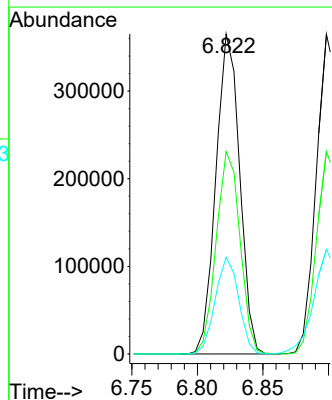
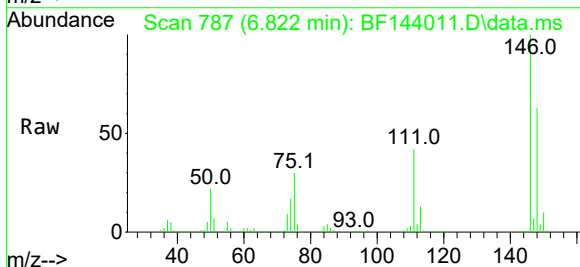
Tgt Ion:146 Resp: 460179

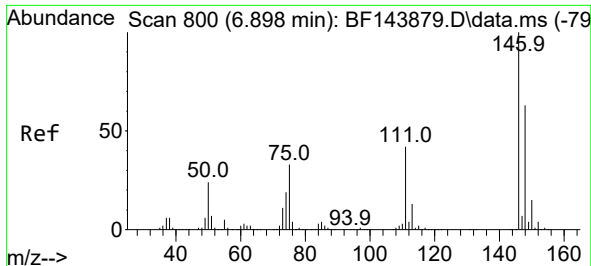
Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.4

75 30.3 24.9 37.3

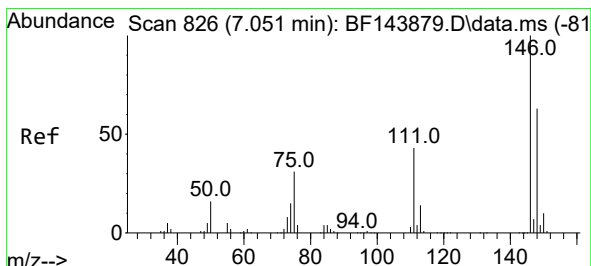
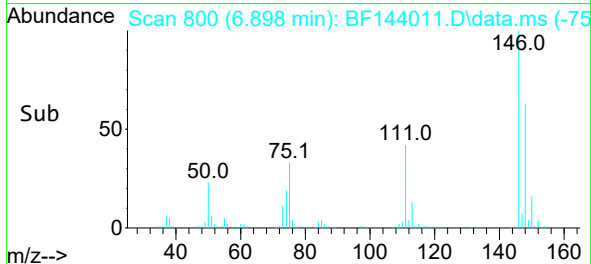
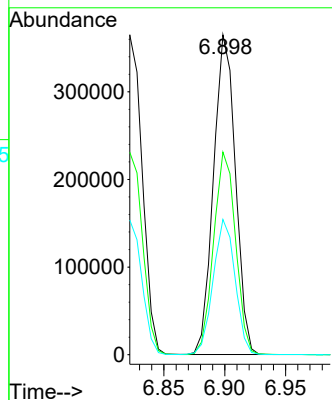
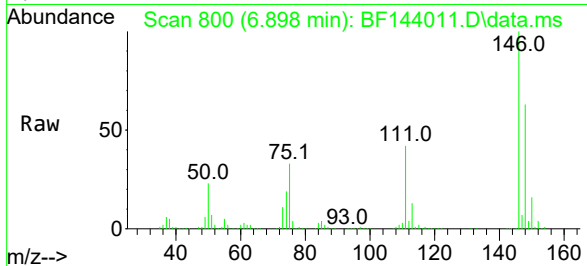




#13  
1,4-Dichlorobenzene  
Concen: 44.09 ng  
RT: 6.898 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

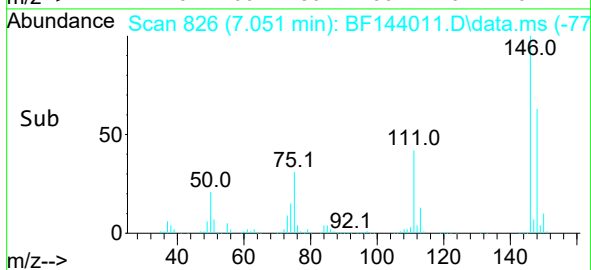
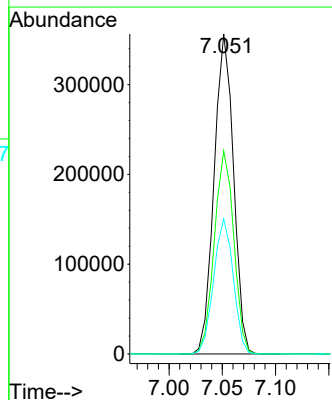
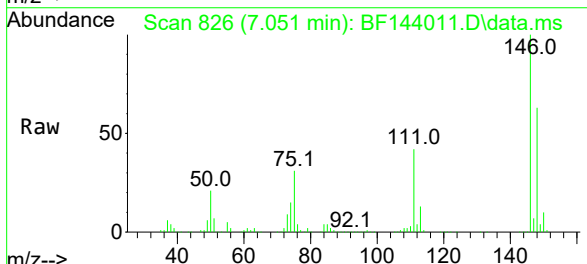
Instrument :  
BNA\_F  
ClientSampleId :

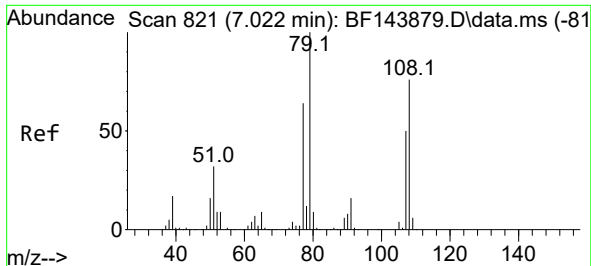
Tgt Ion:146 Resp: 458450  
Ion Ratio Lower Upper  
146 100  
148 63.3 50.5 75.7  
111 42.3 33.4 50.0



#14  
1,2-Dichlorobenzene  
Concen: 45.31 ng  
RT: 7.051 min Scan# 826  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion:146 Resp: 451221  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.6 75.8  
111 42.2 34.6 51.8

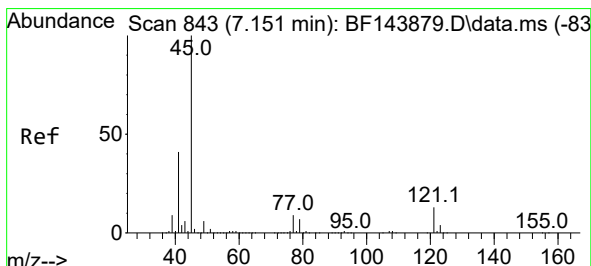
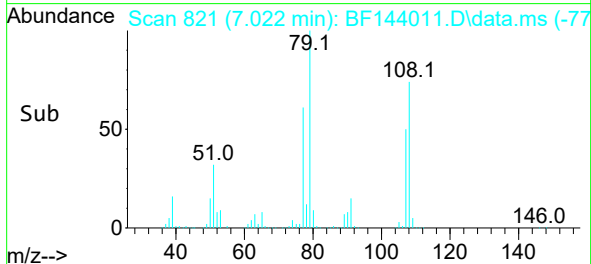
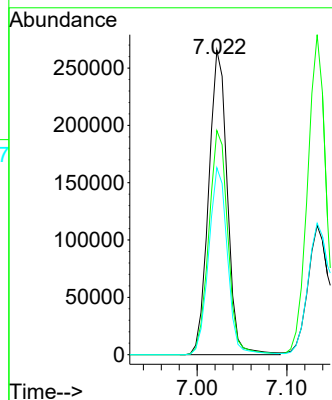
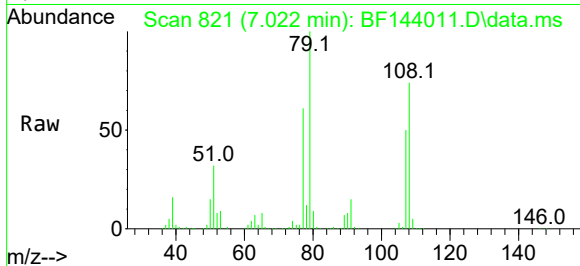




#15  
Benzyl Alcohol  
Concen: 47.67 ng  
RT: 7.022 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

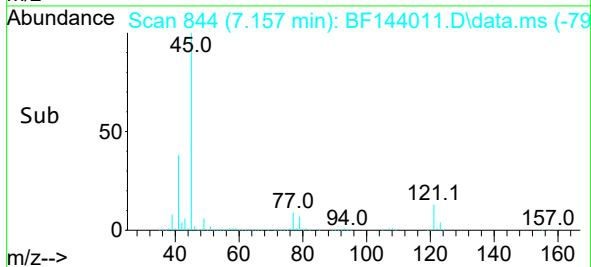
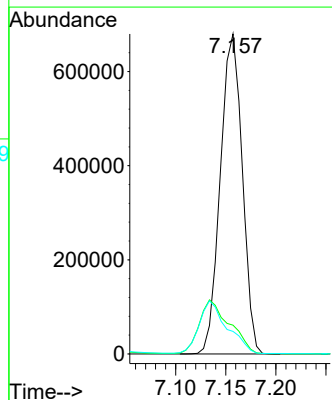
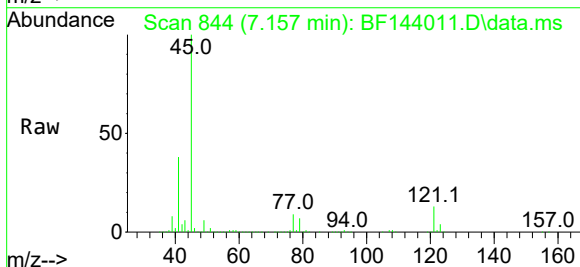
Instrument :  
BNA\_F  
ClientSampleId :

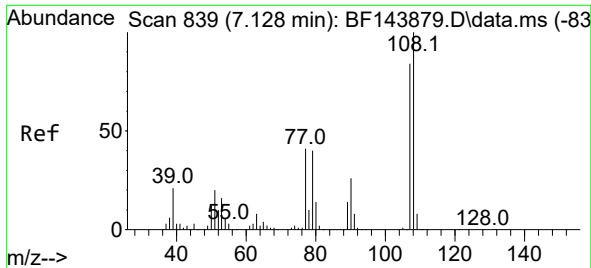
Tgt Ion: 79 Resp: 383545  
Ion Ratio Lower Upper  
79 100  
108 73.6 60.8 91.2  
77 61.4 51.0 76.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.83 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

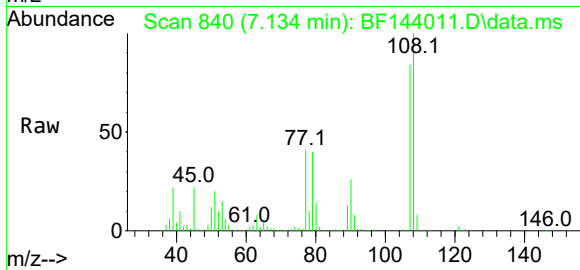
Tgt Ion: 45 Resp: 1034514  
Ion Ratio Lower Upper  
45 100  
77 9.0 0.0 29.0  
79 7.1 0.0 26.8



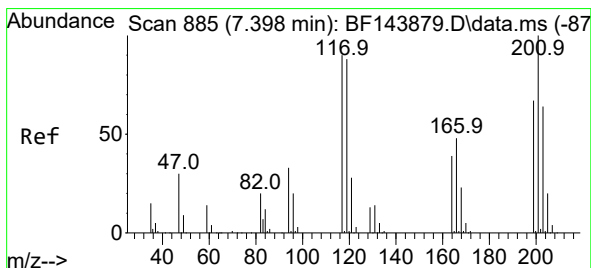
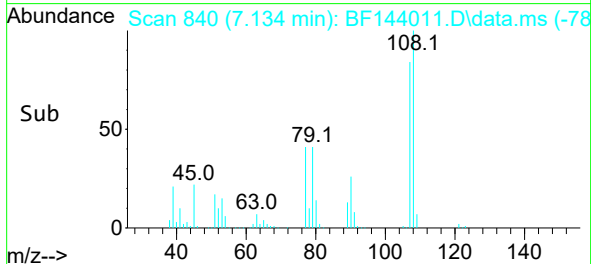
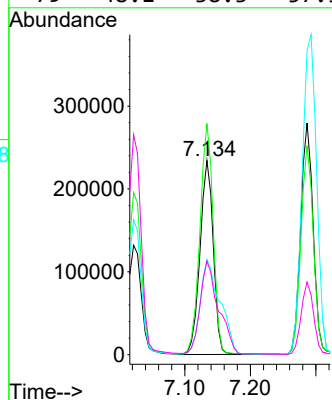


#17  
2-Methylphenol  
Concen: 45.50 ng  
RT: 7.134 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Instrument :  
BNA\_F  
ClientSampleId :

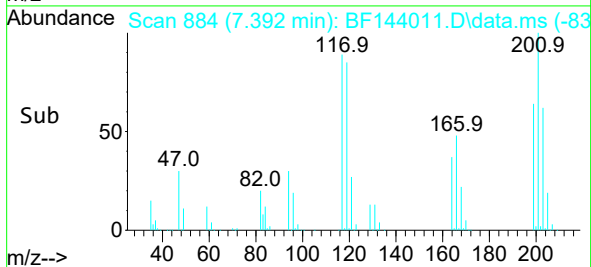
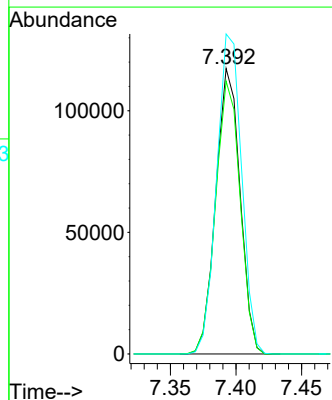
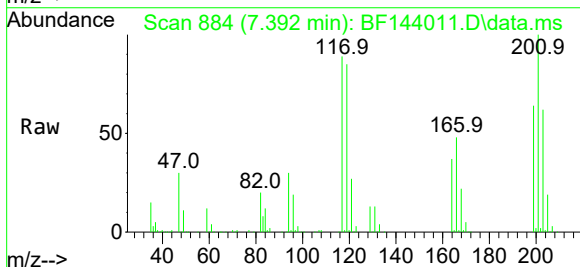


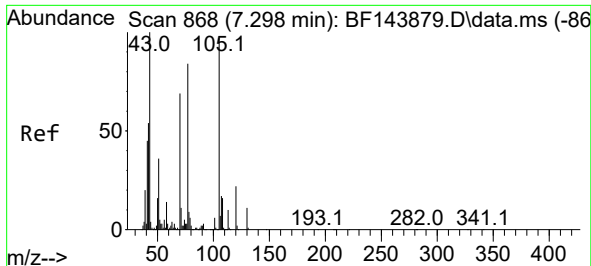
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 331138 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 119.1 | 94.7  | 142.1  |
| 77       | 49.0  | 38.8  | 58.2   |
| 79       | 48.1  | 38.3  | 57.5   |



#18  
Hexachloroethane  
Concen: 43.57 ng  
RT: 7.392 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

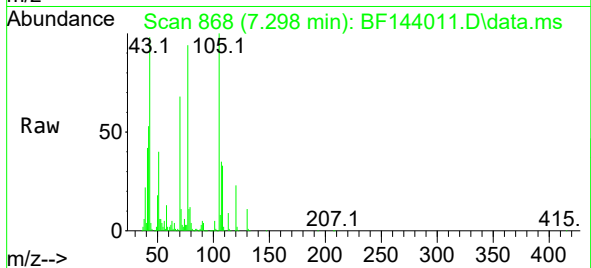
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 151068 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.6  | 77.8  | 116.8  |
| 201      | 112.1 | 88.5  | 132.7  |



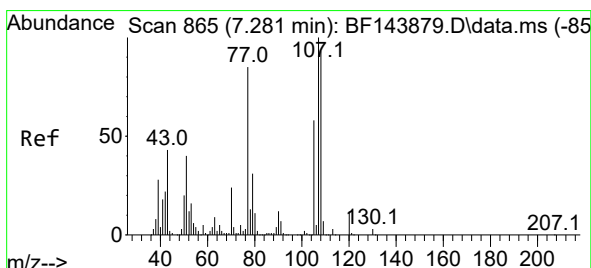
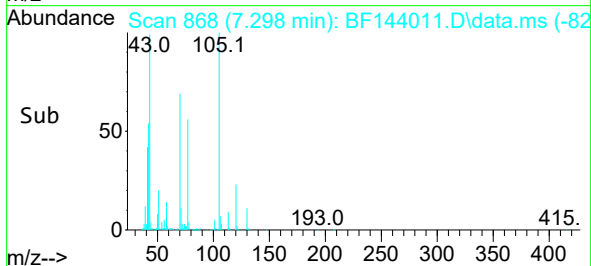
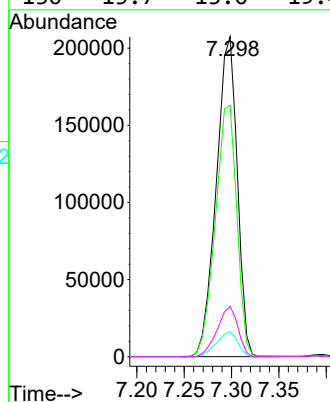


#19  
n-Nitroso-di-n-propylamine  
Concen: 43.57 ng  
RT: 7.298 min Scan# 868  
Delta R.T. -0.017 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Instrument :  
BNA\_F  
ClientSampleId :

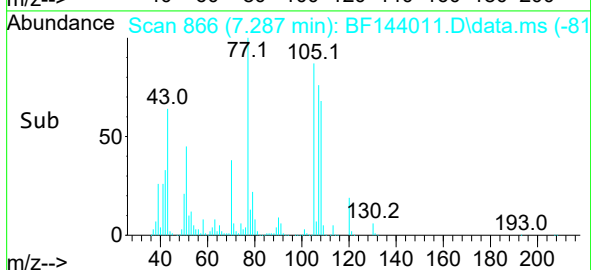
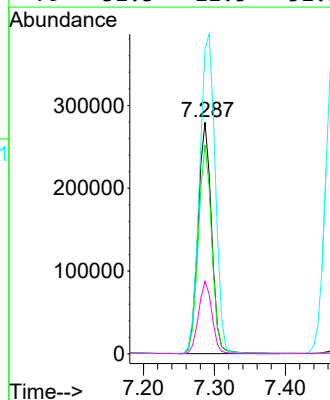
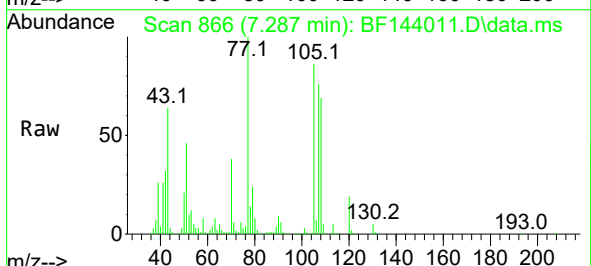


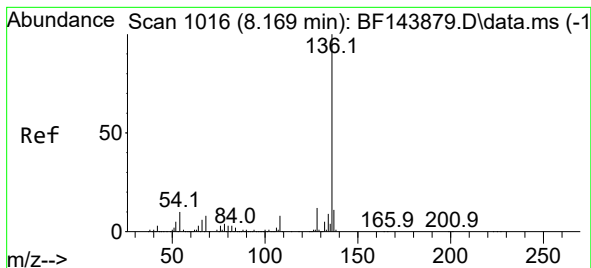
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 320210 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 78.6  | 62.8  | 94.2   |
| 101      | 7.8   | 6.7   | 10.1   |
| 130      | 15.7  | 13.0  | 19.4   |



#20  
3+4-Methylphenols  
Concen: 43.92 ng  
RT: 7.287 min Scan# 866  
Delta R.T. -0.012 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 370409 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.2  | 73.0  | 113.0  |
| 77       | 131.6 | 64.6  | 104.6# |
| 79       | 31.3  | 11.5  | 51.5   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:136 Resp: 542097

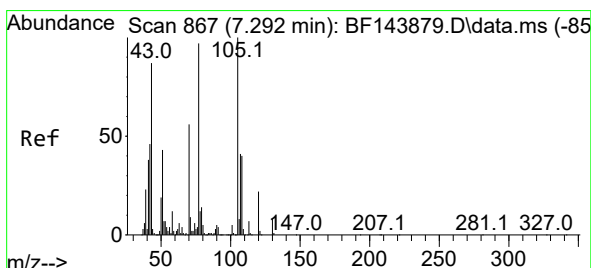
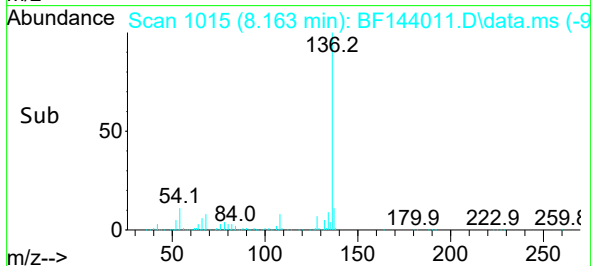
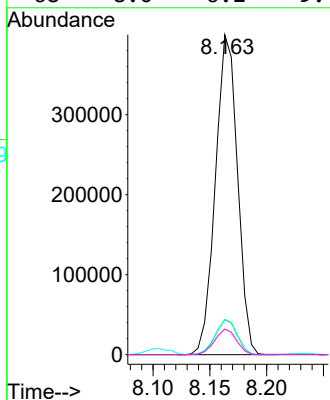
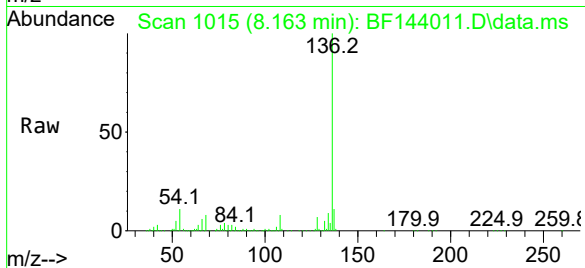
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.9 8.2 12.4

68 8.0 6.2 9.4



#22

Acetophenone

Concen: 48.05 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Tgt Ion:105 Resp: 550722

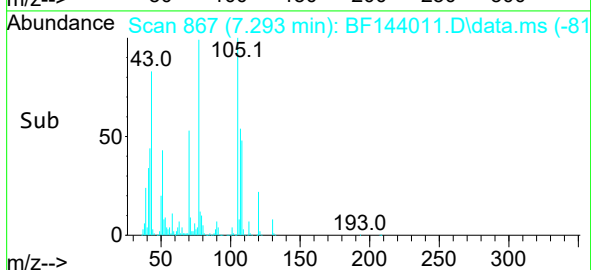
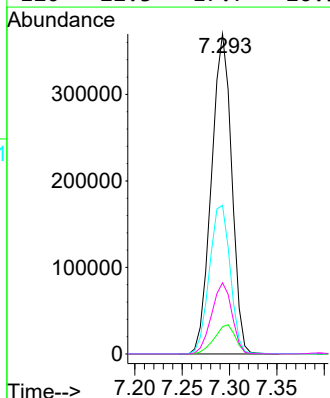
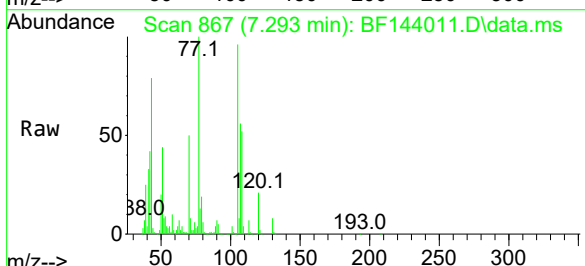
Ion Ratio Lower Upper

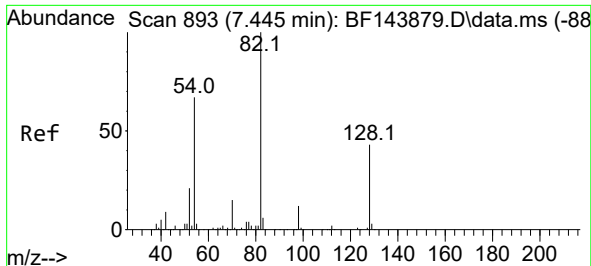
105 100

71 8.5 7.4 11.0

51 46.4 34.2 51.4

120 22.3 17.7 26.5





#23

Nitrobenzene-d5

Concen: 88.28 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

ClientSampleId :

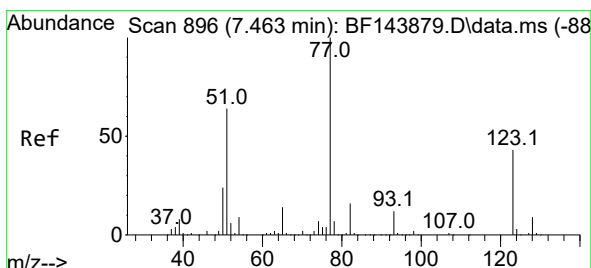
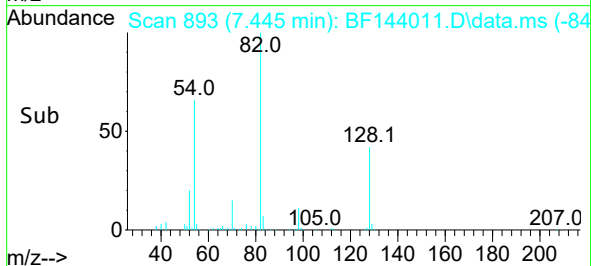
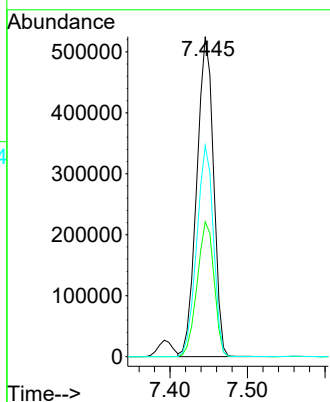
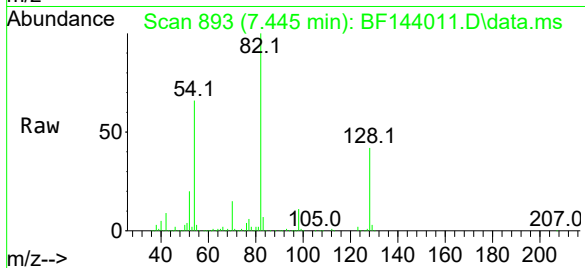
Tgt Ion: 82 Resp: 787738

Ion Ratio Lower Upper

82 100

128 42.1 34.0 51.0

54 65.9 53.2 79.8



#24

Nitrobenzene

Concen: 46.85 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

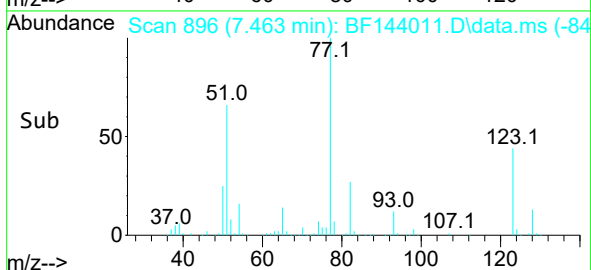
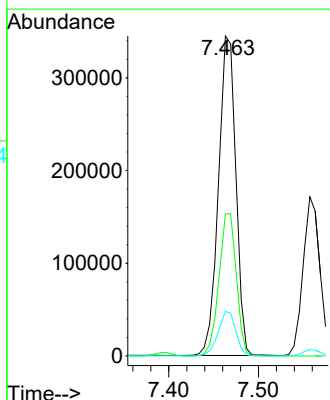
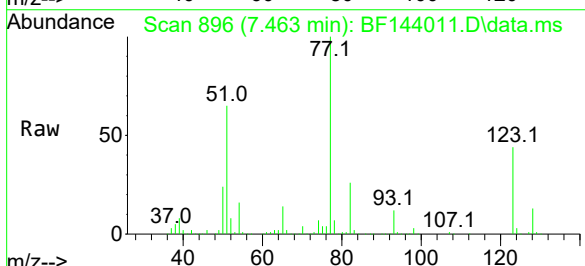
Tgt Ion: 77 Resp: 464227

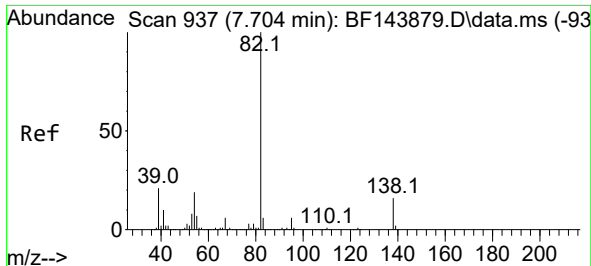
Ion Ratio Lower Upper

77 100

123 44.4 34.2 51.4

65 13.9 11.0 16.6

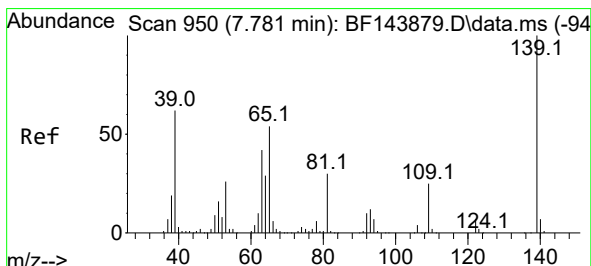
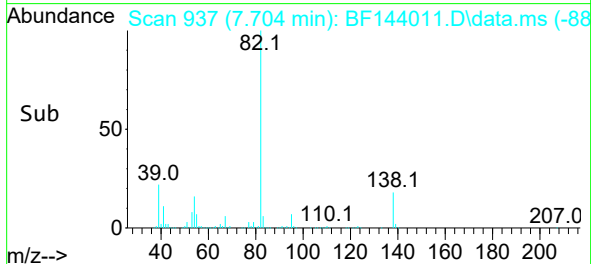
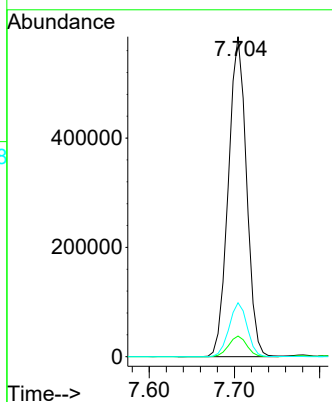
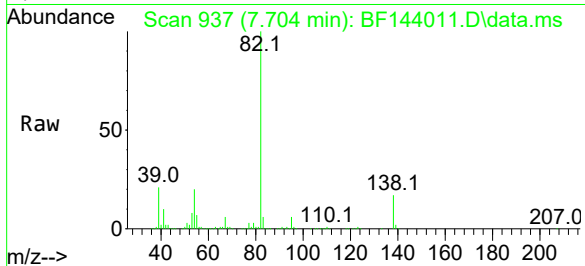




#25  
Isophorone  
Concen: 46.11 ng  
RT: 7.704 min Scan# 91  
Delta R.T. -0.017 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

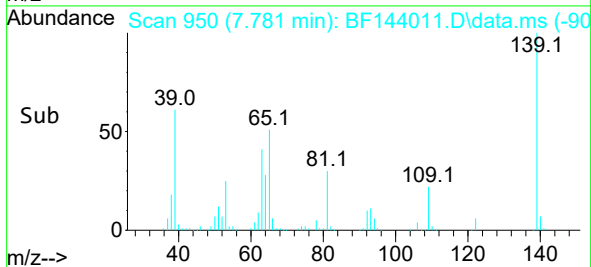
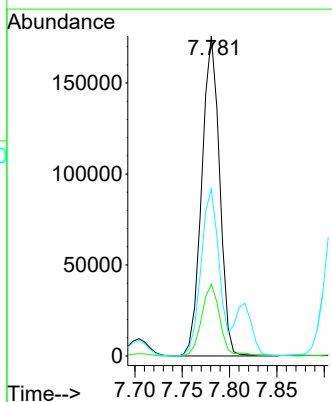
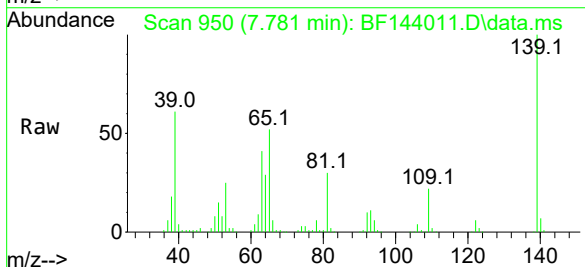
Instrument :  
BNA\_F  
ClientSampleId :

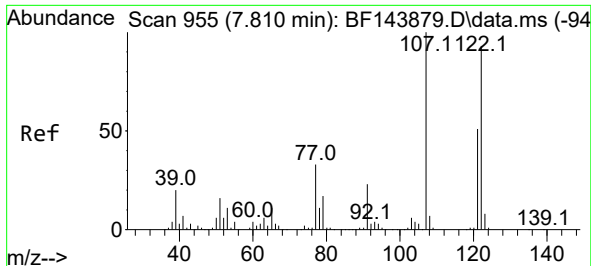
Tgt Ion: 82 Resp: 867511  
Ion Ratio Lower Upper  
82 100  
95 6.4 5.1 7.7  
138 16.8 12.9 19.3



#26  
2-Nitrophenol  
Concen: 54.11 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion:139 Resp: 229883  
Ion Ratio Lower Upper  
139 100  
109 22.4 19.8 29.6  
65 52.1 42.9 64.3

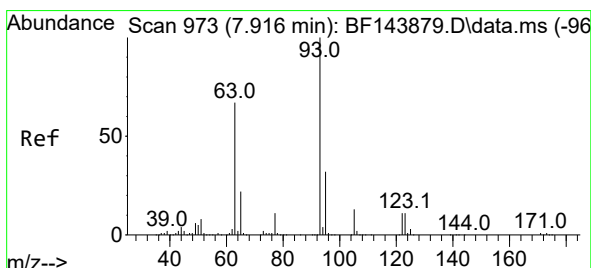
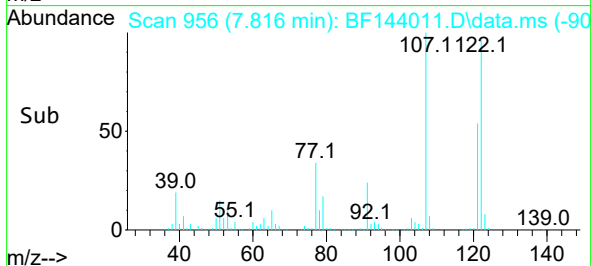
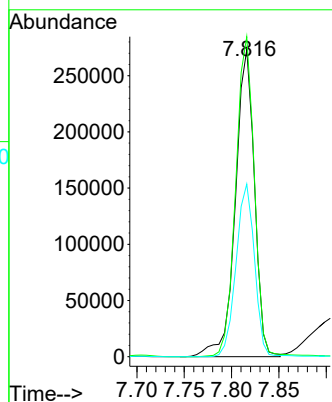
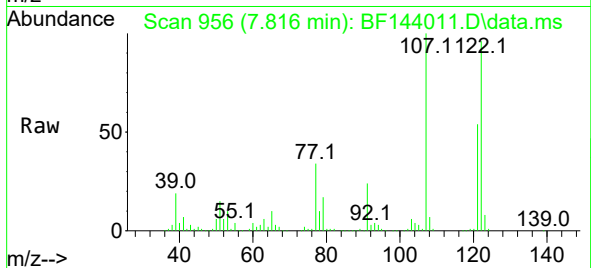




#27  
2,4-Dimethylphenol  
Concen: 50.10 ng  
RT: 7.816 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

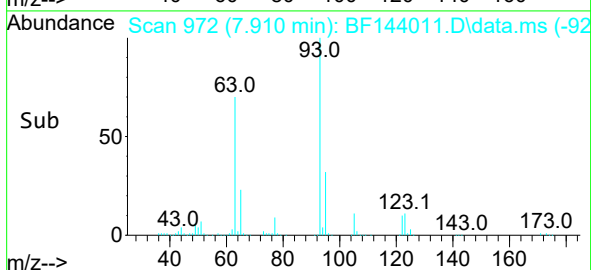
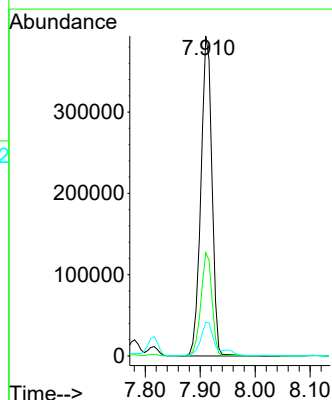
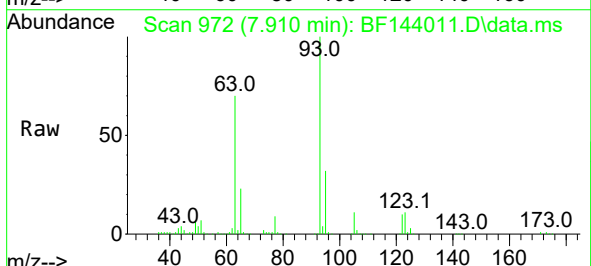
Instrument :  
BNA\_F  
ClientSampleId :

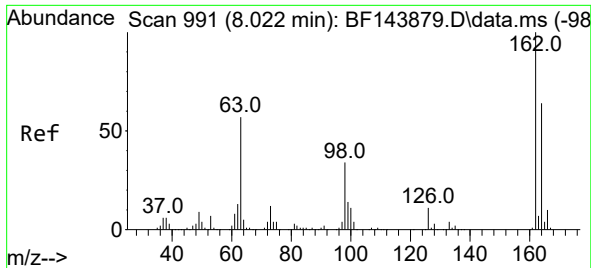
Tgt Ion:122 Resp: 382833  
Ion Ratio Lower Upper  
122 100  
107 104.2 86.1 129.1  
121 56.2 43.8 65.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.40 ng  
RT: 7.910 min Scan# 972  
Delta R.T. -0.012 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion: 93 Resp: 551455  
Ion Ratio Lower Upper  
93 100  
95 32.2 25.9 38.9  
123 10.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.28 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

ClientSampleId :

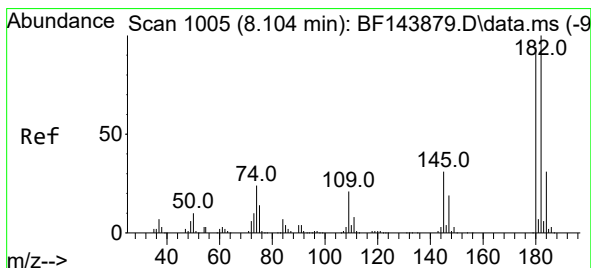
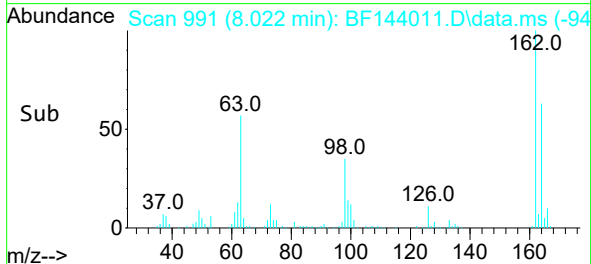
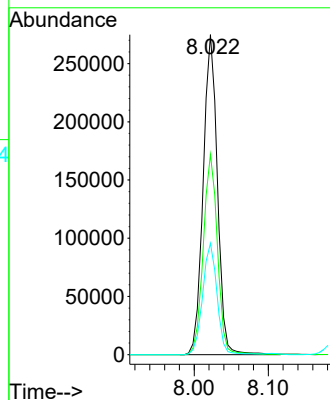
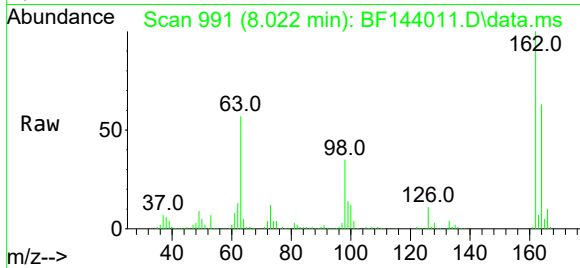
Tgt Ion:162 Resp: 368392

Ion Ratio Lower Upper

162 100

164 62.6 43.9 83.9

98 34.8 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 47.73 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

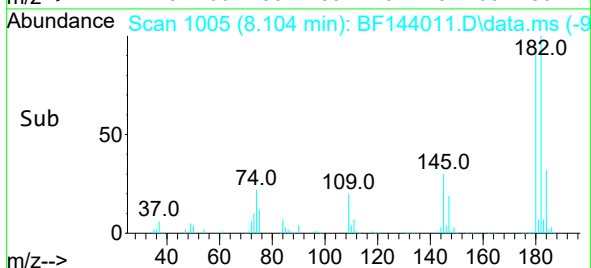
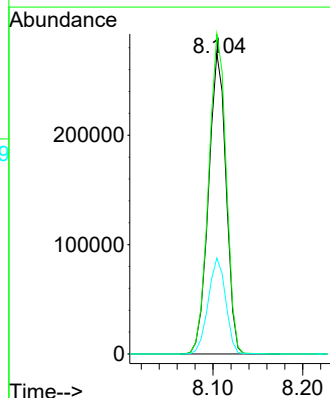
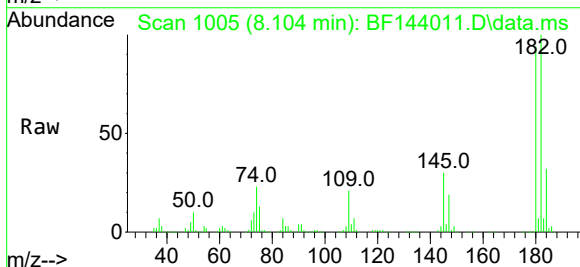
Tgt Ion:180 Resp: 373675

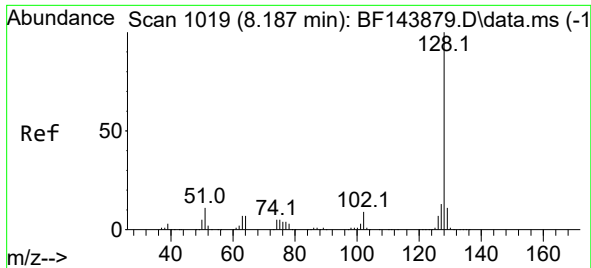
Ion Ratio Lower Upper

180 100

182 106.4 85.4 128.0

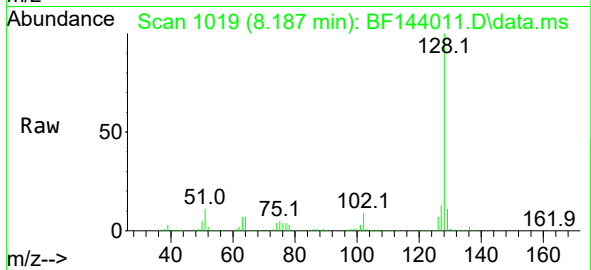
145 31.9 26.3 39.5



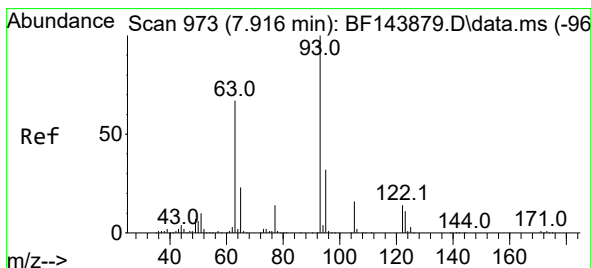
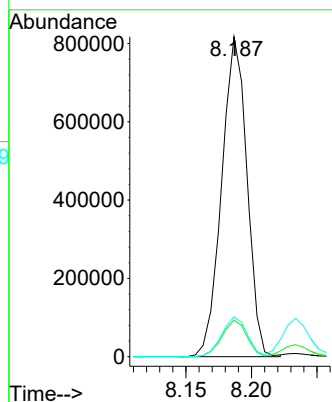
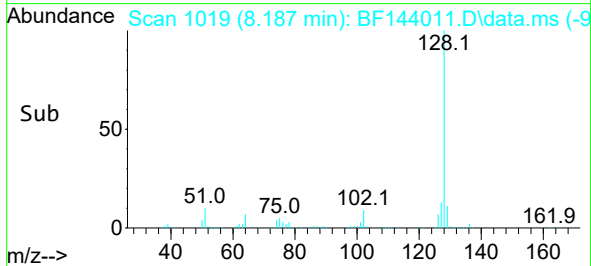


#31  
Naphthalene  
Concen: 44.31 ng  
RT: 8.187 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Instrument :  
BNA\_F  
ClientSampleId :

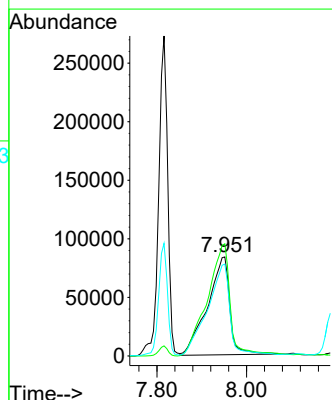
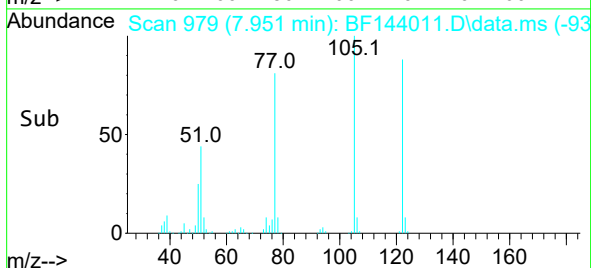
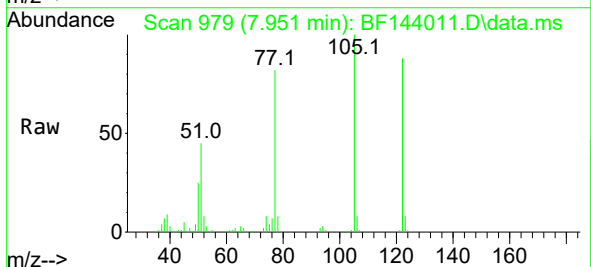


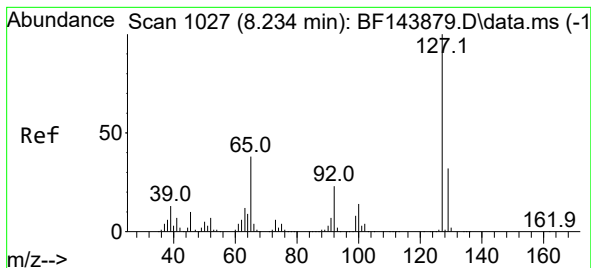
Tgt Ion:128 Resp: 1092595  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.7 13.1  
127 12.5 10.0 15.0



#32  
Benzoic acid  
Concen: 54.74 ng  
RT: 7.951 min Scan# 979  
Delta R.T. -0.012 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion:122 Resp: 289503  
Ion Ratio Lower Upper  
122 100  
105 113.1 93.5 133.5  
77 92.7 76.3 116.3





#33

4-Chloroaniline

Concen: 16.36 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

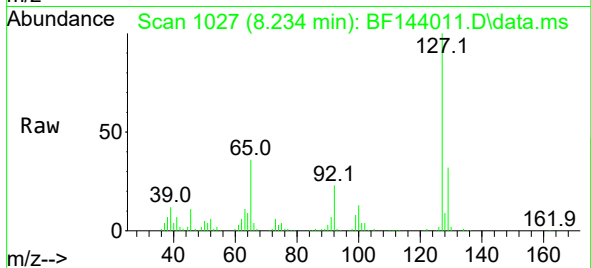
Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:127 Resp: 151347

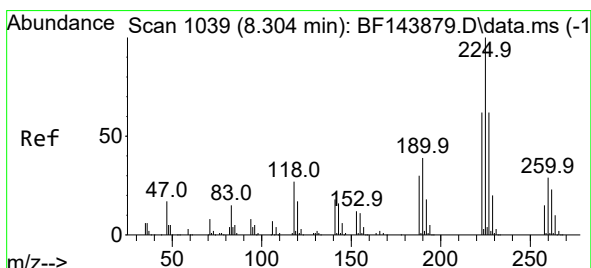
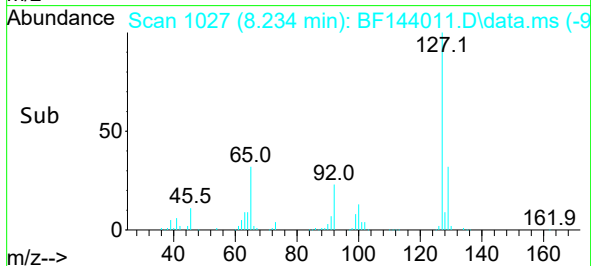
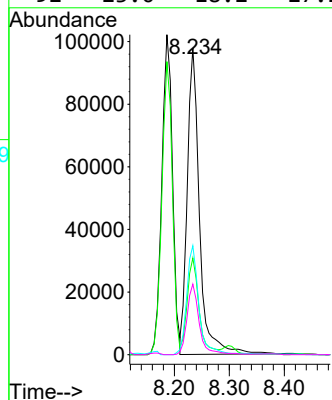
Ion Ratio Lower Upper

127 100

129 31.5 25.8 38.8

65 35.5 30.0 45.0

92 23.0 18.2 27.2



#34

Hexachlorobutadiene

Concen: 44.82 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

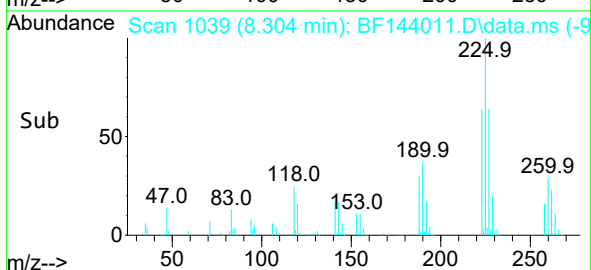
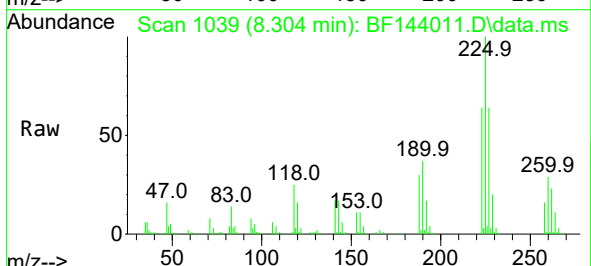
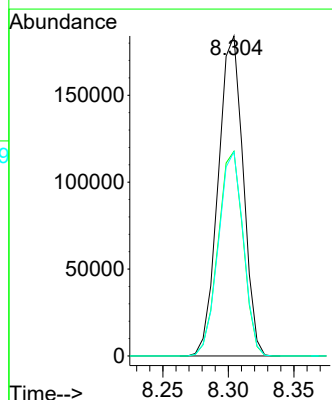
Tgt Ion:225 Resp: 243818

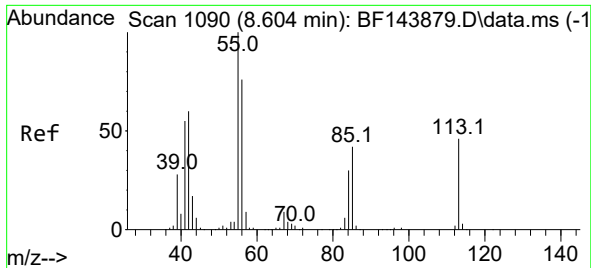
Ion Ratio Lower Upper

225 100

223 63.9 49.4 74.2

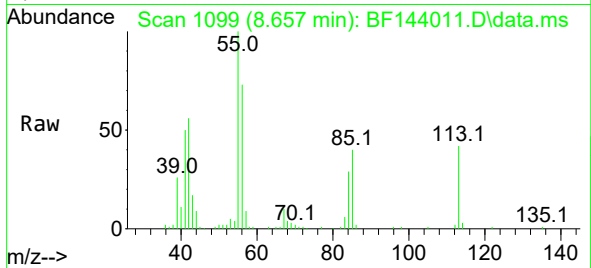
227 63.8 49.7 74.5



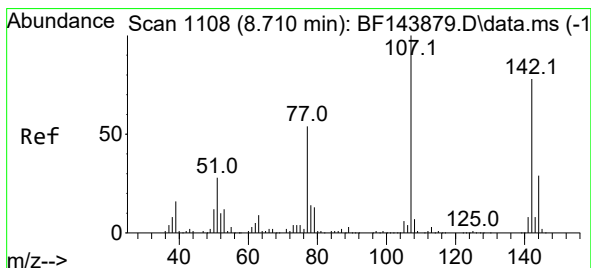
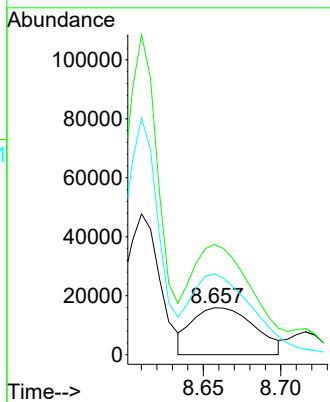
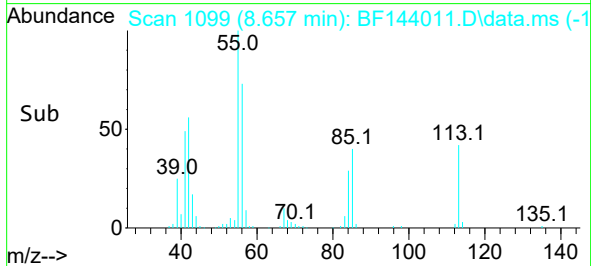


#35  
 Caprolactam  
 Concen: 17.66 ng  
 RT: 8.657 min Scan# 1109  
 Delta R.T. 0.012 min  
 Lab File: BF144011.D  
 Acq: 21 Oct 2025 14:26

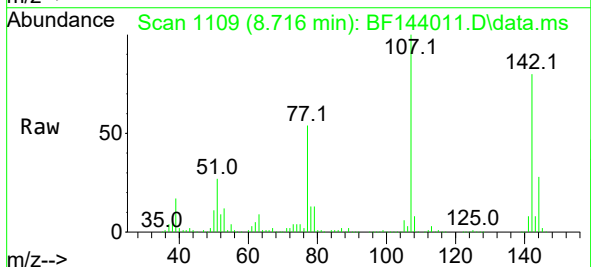
Instrument :  
 BNA\_F  
 ClientSampleId :



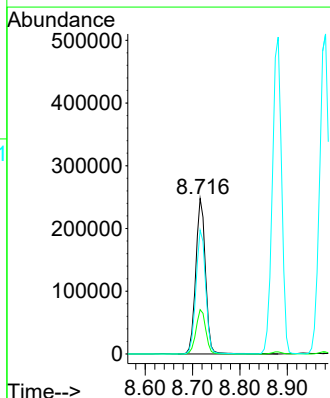
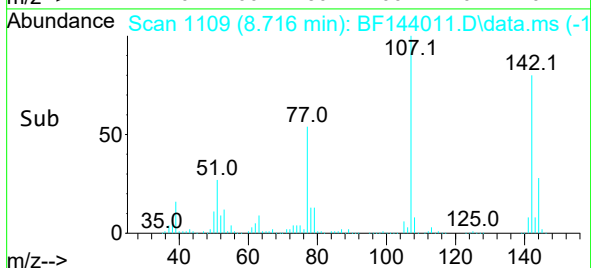
Tgt Ion:113 Resp: 44704  
 Ion Ratio Lower Upper  
 113 100  
 55 235.5 199.6 239.6  
 56 172.8 146.0 186.0

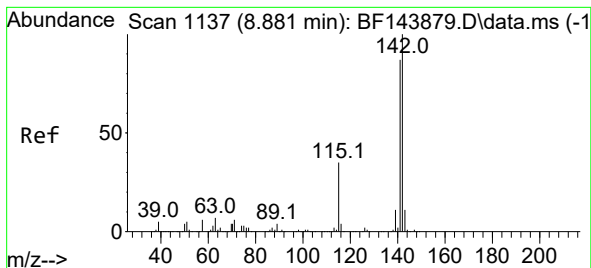


#36  
 4-Chloro-3-methylphenol  
 Concen: 46.17 ng  
 RT: 8.716 min Scan# 1109  
 Delta R.T. -0.006 min  
 Lab File: BF144011.D  
 Acq: 21 Oct 2025 14:26



Tgt Ion:107 Resp: 353031  
 Ion Ratio Lower Upper  
 107 100  
 144 28.5 23.1 34.7  
 142 79.6 62.6 94.0





#37

2-Methylnaphthalene

Concen: 41.63 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

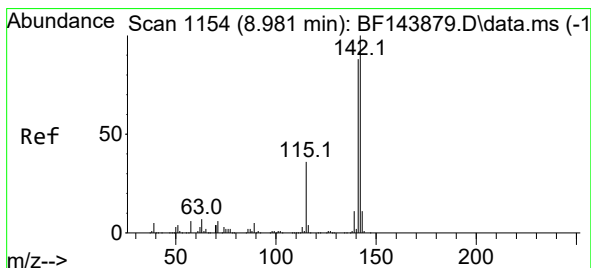
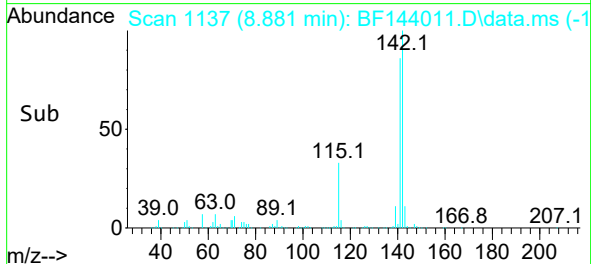
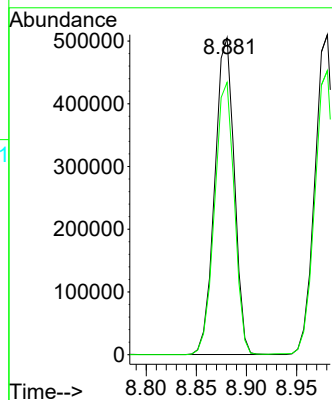
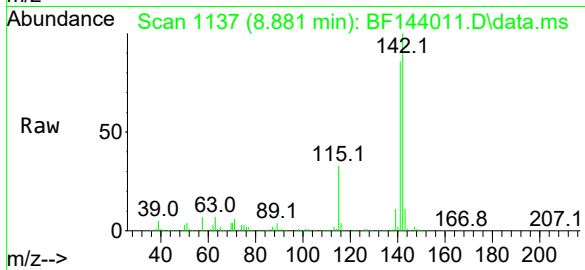
ClientSampleId :

Tgt Ion:142 Resp: 683796

Ion Ratio Lower Upper

142 100

141 85.9 69.2 103.8



#38

1-Methylnaphthalene

Concen: 43.54 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF144011.D

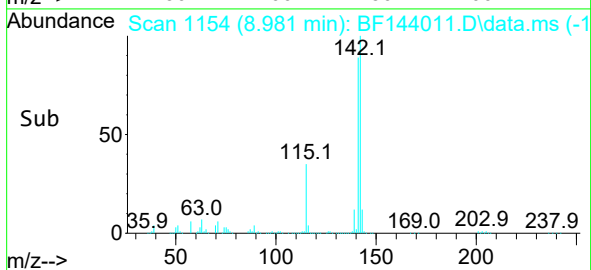
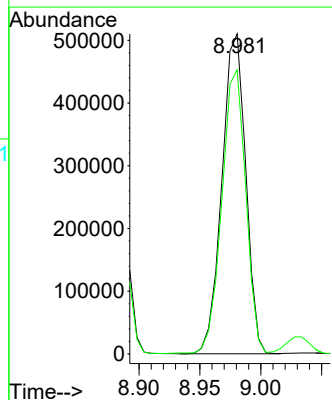
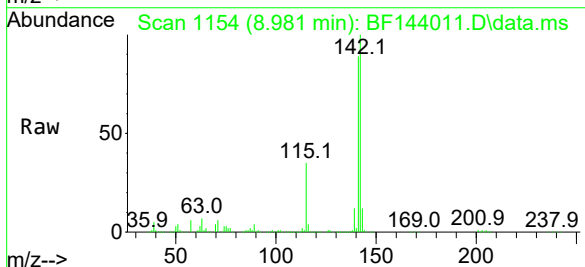
Acq: 21 Oct 2025 14:26

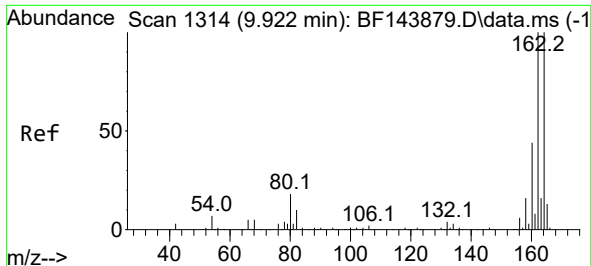
Tgt Ion:142 Resp: 693649

Ion Ratio Lower Upper

142 100

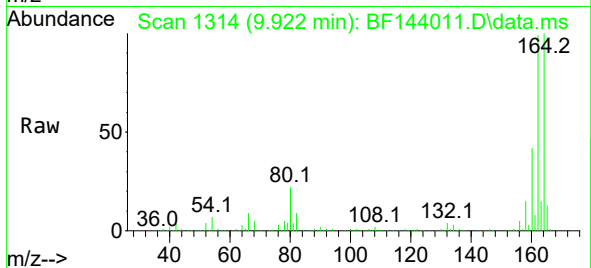
141 88.8 70.8 106.2



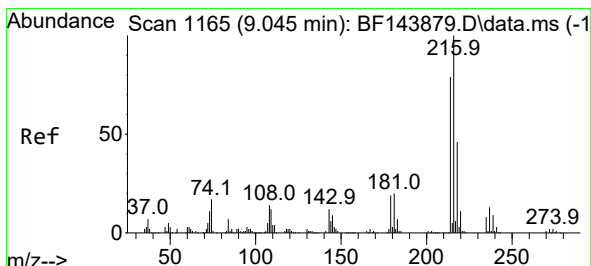
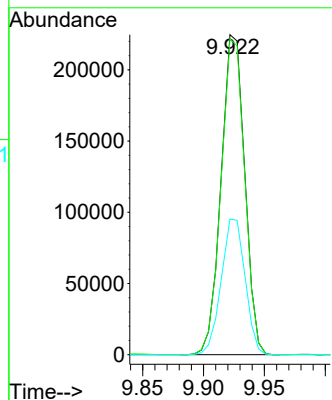
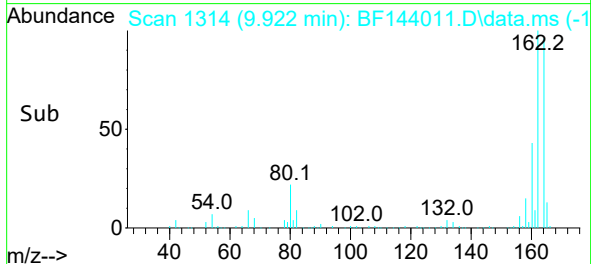


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.922 min Scan# 111  
Delta R.T. -0.005 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

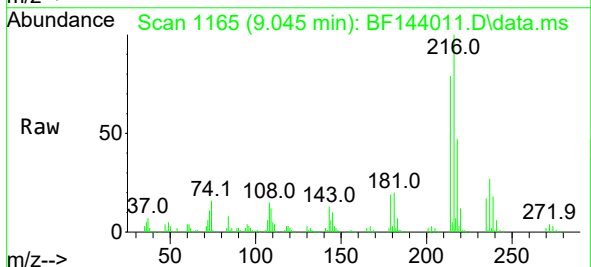
Instrument :  
BNA\_F  
ClientSampleId :



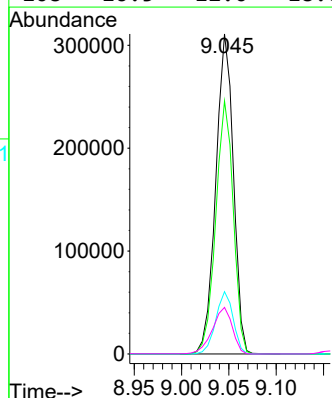
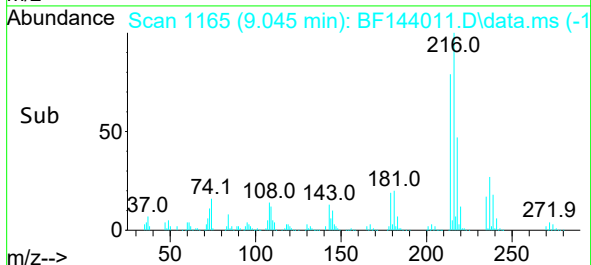
Tgt Ion:164 Resp: 303383  
Ion Ratio Lower Upper  
164 100  
162 98.7 80.2 120.2  
160 42.3 35.4 53.0

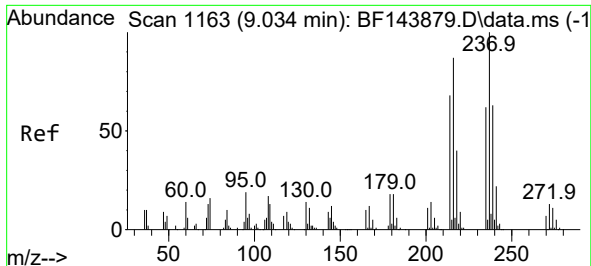


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.14 ng  
RT: 9.045 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26



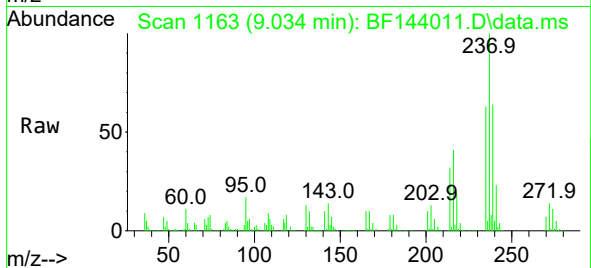
Tgt Ion:216 Resp: 403668  
Ion Ratio Lower Upper  
216 100  
214 78.6 62.6 94.0  
179 19.2 15.4 23.0  
108 16.5 12.0 18.0



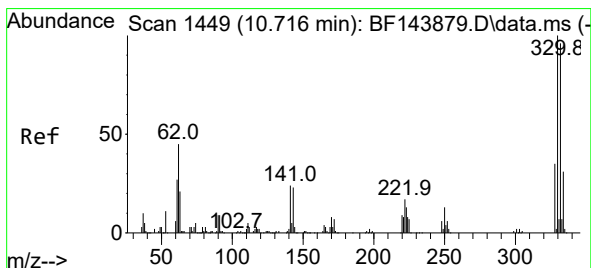
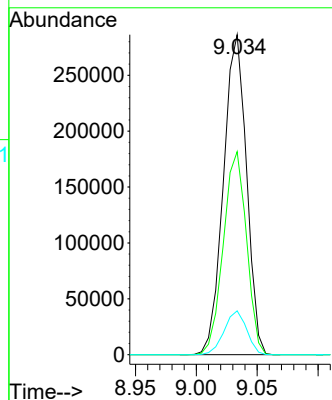
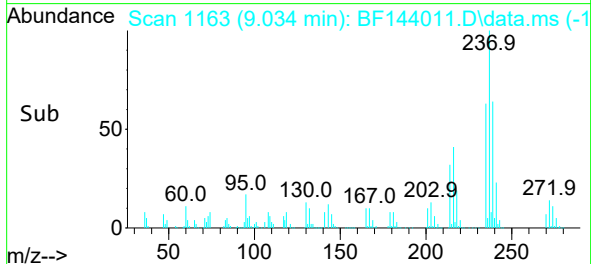


#41  
Hexachlorocyclopentadiene  
Concen: 108.67 ng  
RT: 9.034 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

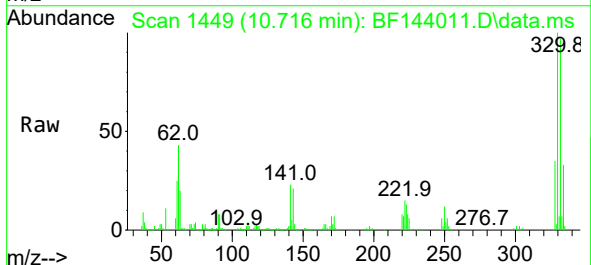
Instrument :  
BNA\_F  
ClientSampleId :



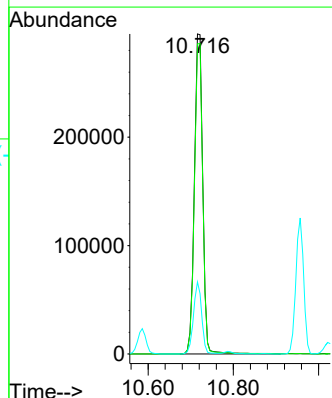
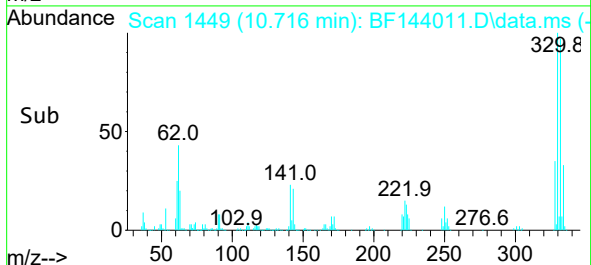
Tgt Ion:237 Resp: 378037  
Ion Ratio Lower Upper  
237 100  
235 63.4 42.3 82.3  
272 13.7 0.0 33.1

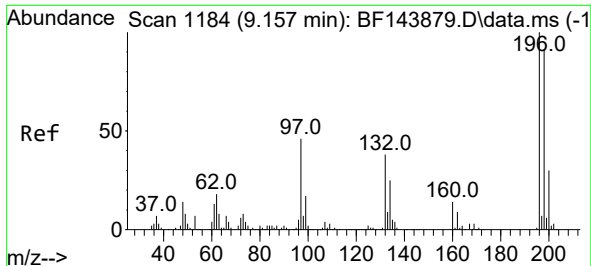


#42  
2,4,6-Tribromophenol  
Concen: 133.25 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26



Tgt Ion:330 Resp: 402650  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.9 115.3  
141 22.1 20.2 30.4

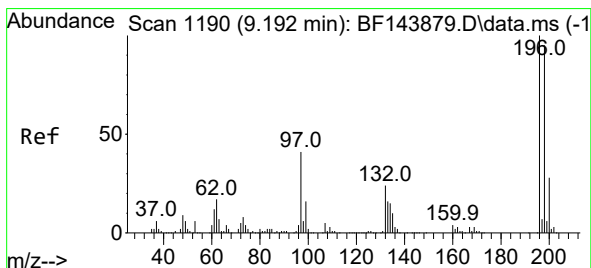
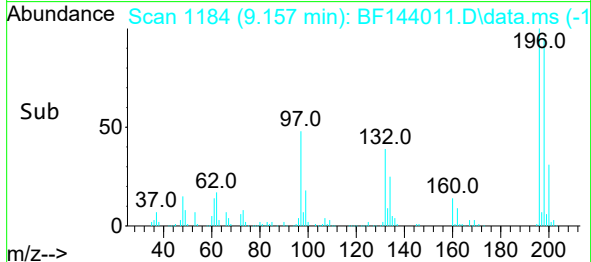
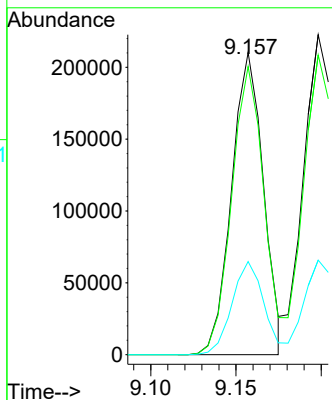
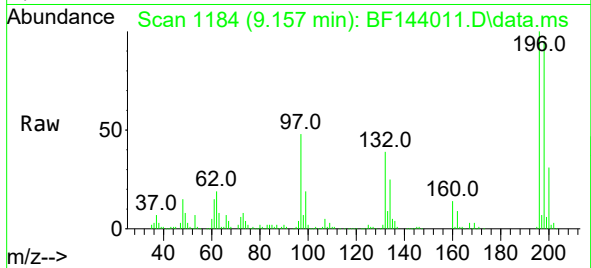




#43  
2,4,6-Trichlorophenol  
Concen: 44.61 ng  
RT: 9.157 min Scan# 1184  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

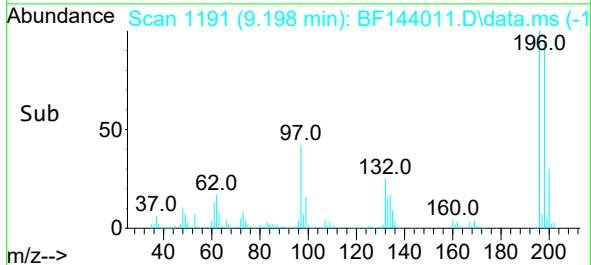
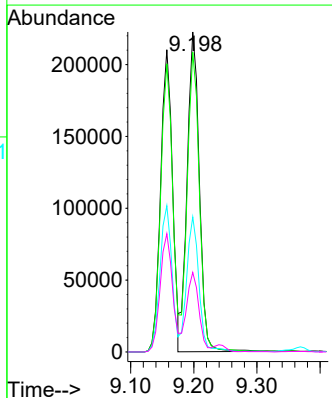
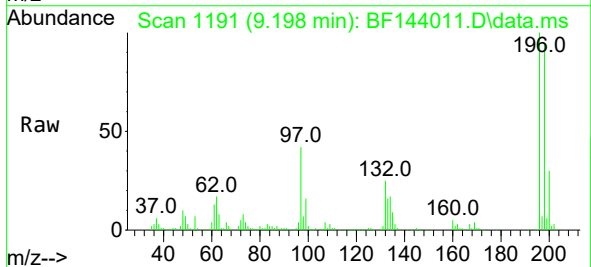
Instrument :  
BNA\_F  
ClientSampleId :

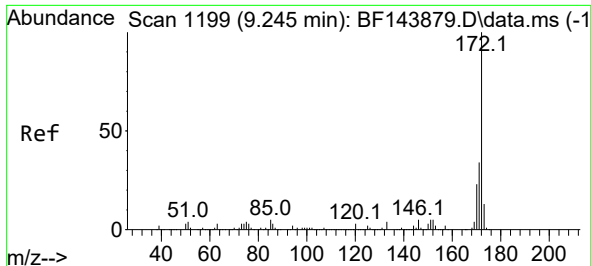
Tgt Ion:196 Resp: 273315  
Ion Ratio Lower Upper  
196 100  
198 95.3 72.8 109.2  
200 30.8 24.0 36.0



#44  
2,4,5-Trichlorophenol  
Concen: 46.38 ng  
RT: 9.198 min Scan# 1191  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion:196 Resp: 300310  
Ion Ratio Lower Upper  
196 100  
198 93.6 75.5 113.3  
97 42.2 33.9 50.9  
132 24.9 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 77.69 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

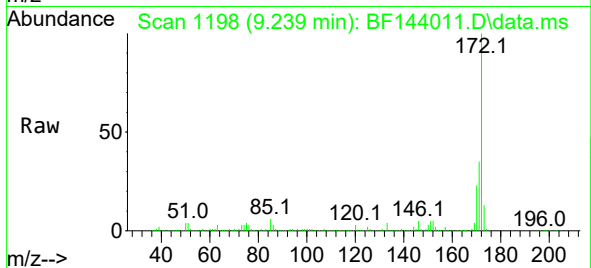
Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

ClientSampleId :



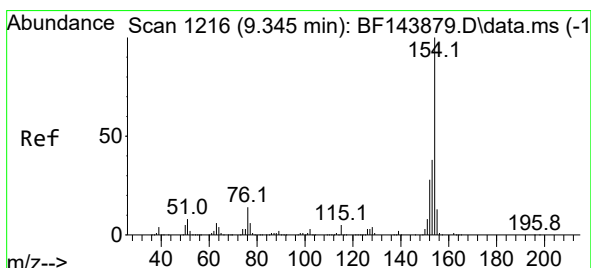
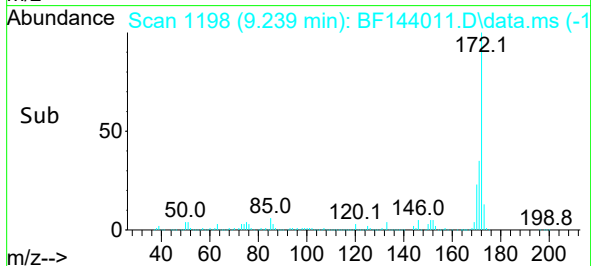
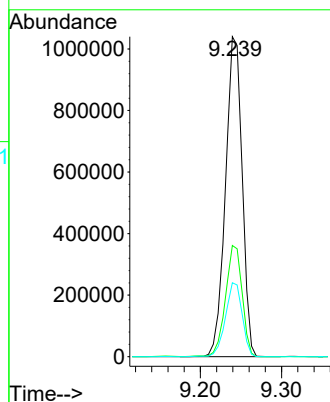
Tgt Ion:172 Resp: 1485429

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 48.24 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

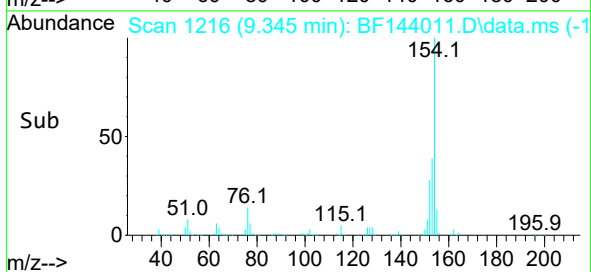
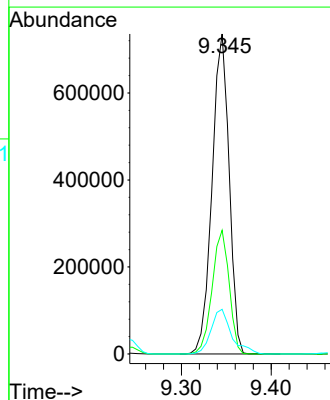
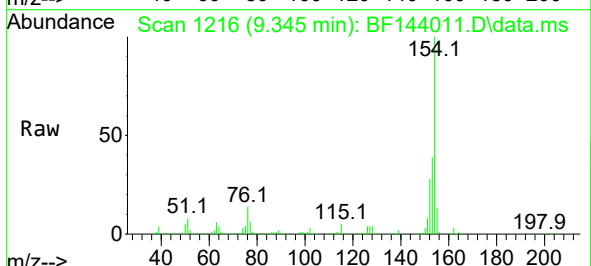
Tgt Ion:154 Resp: 969032

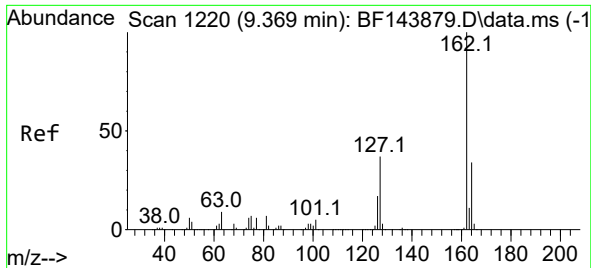
Ion Ratio Lower Upper

154 100

153 38.7 18.4 58.4

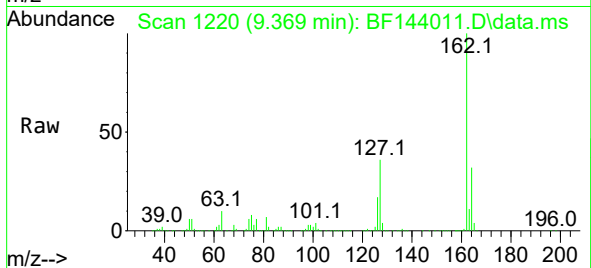
76 13.9 0.0 34.0



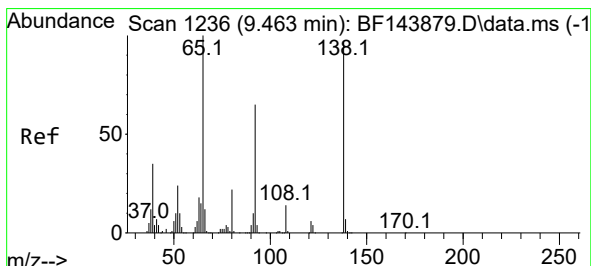
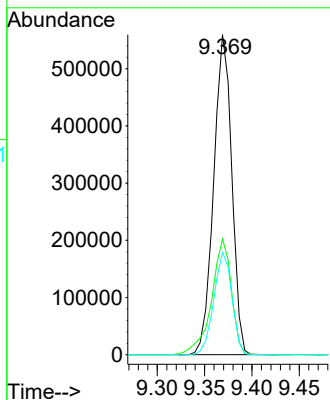
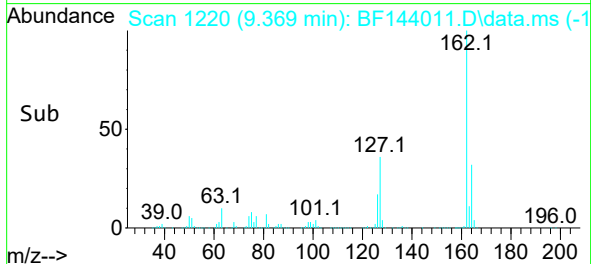


#47  
2-Chloronaphthalene  
Concen: 44.34 ng  
RT: 9.369 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Instrument :  
BNA\_F  
ClientSampleId :

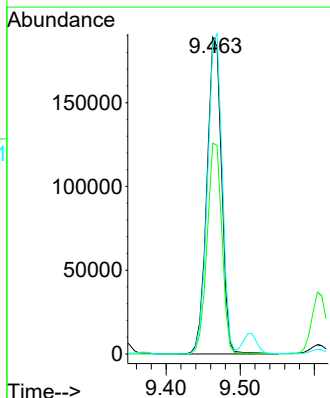
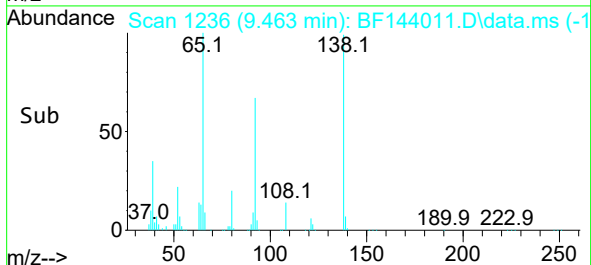
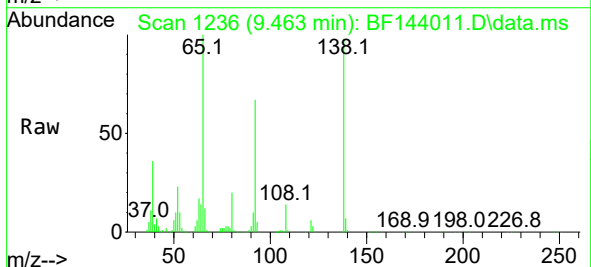


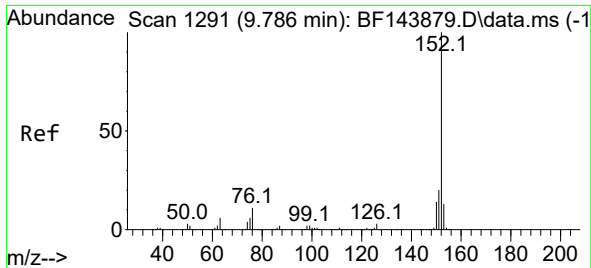
Tgt Ion:162 Resp: 742619  
Ion Ratio Lower Upper  
162 100  
127 36.1 30.2 45.2  
164 31.9 26.9 40.3



#48  
2-Nitroaniline  
Concen: 49.43 ng  
RT: 9.463 min Scan# 1236  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion: 65 Resp: 261709  
Ion Ratio Lower Upper  
65 100  
92 66.5 52.1 78.1  
138 98.2 77.4 116.2

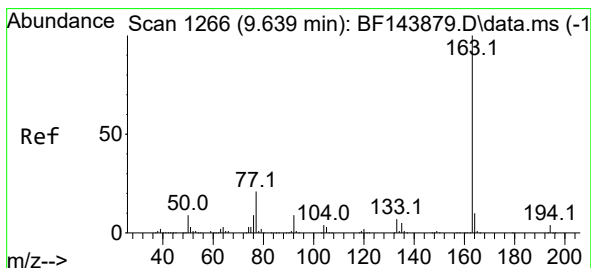
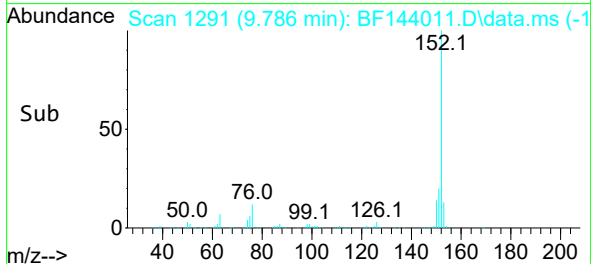
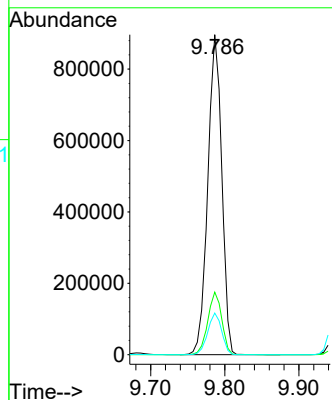
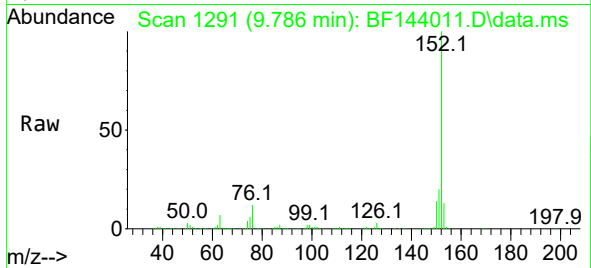




#49  
Acenaphthylene  
Concen: 49.89 ng  
RT: 9.786 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

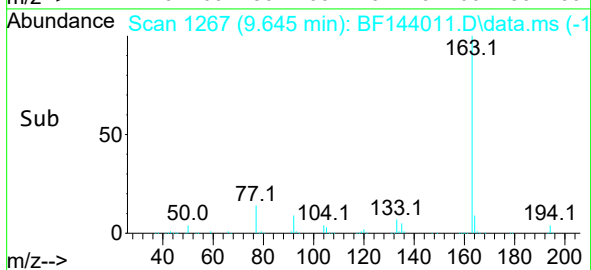
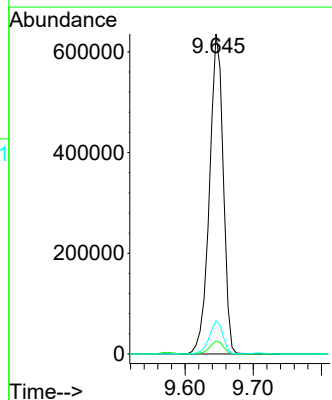
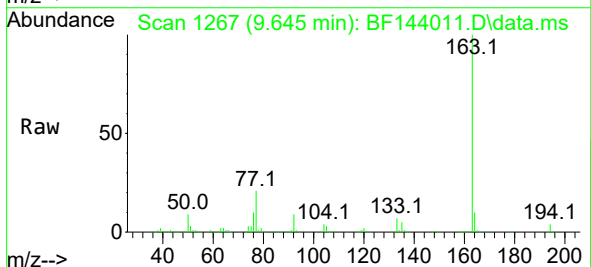
Instrument :  
BNA\_F  
ClientSampleId :

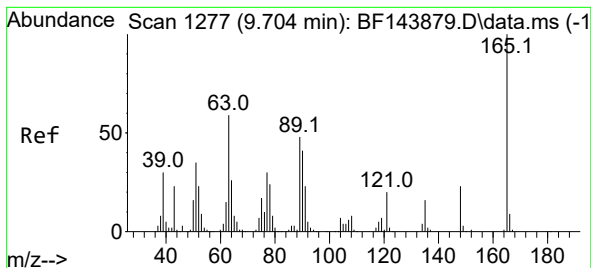
Tgt Ion:152 Resp: 1174680  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.8 23.6  
153 13.0 10.5 15.7



#50  
Dimethylphthalate  
Concen: 46.31 ng  
RT: 9.645 min Scan# 1267  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion:163 Resp: 892205  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 10.4 8.1 12.1

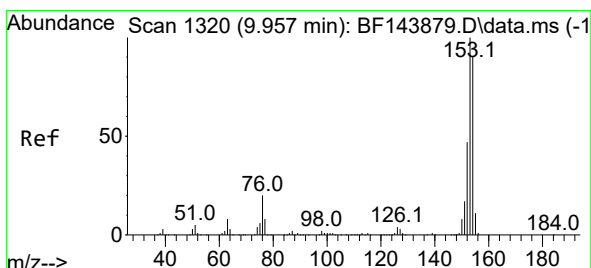
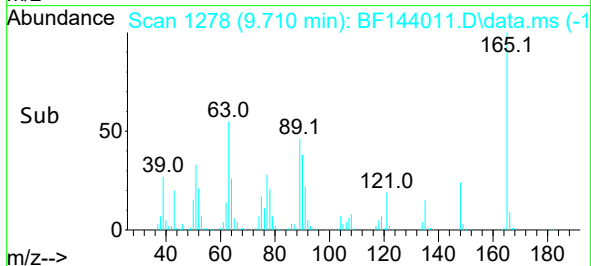
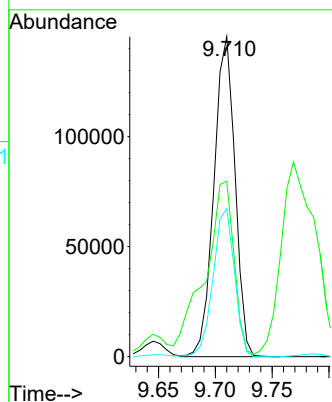
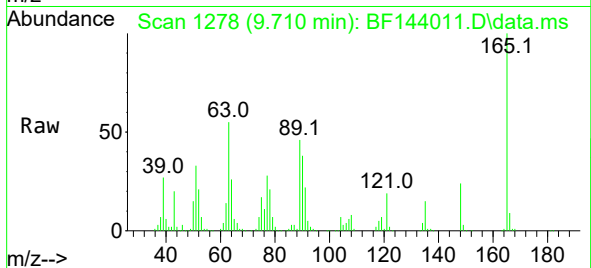




#51  
2,6-Dinitrotoluene  
Concen: 52.58 ng  
RT: 9.710 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

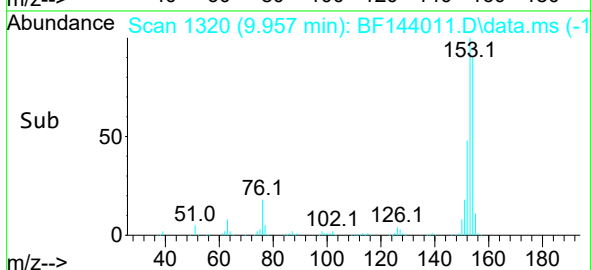
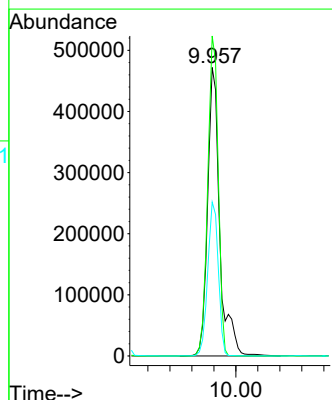
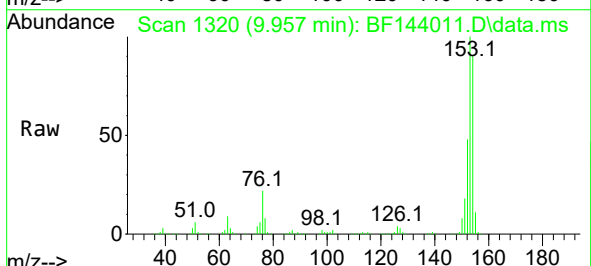
Instrument :  
BNA\_F  
ClientSampleId :

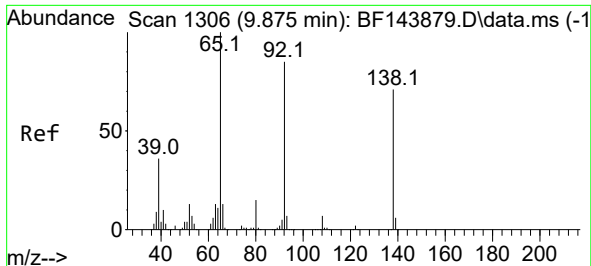
Tgt Ion:165 Resp: 187841  
Ion Ratio Lower Upper  
165 100  
63 54.8 47.3 70.9  
89 46.3 38.2 57.4



#52  
Acenaphthene  
Concen: 46.93 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion:154 Resp: 724010  
Ion Ratio Lower Upper  
154 100  
153 110.9 89.3 133.9  
152 53.3 42.2 63.2

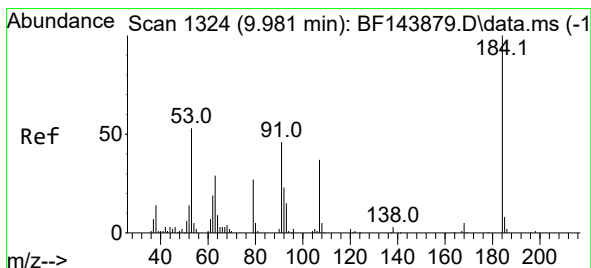
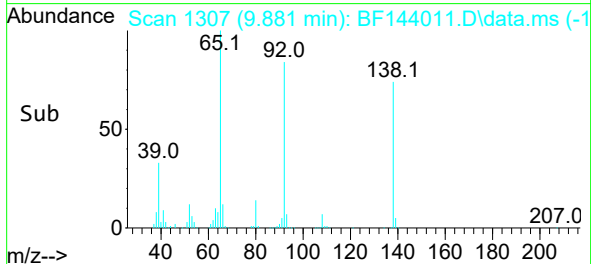
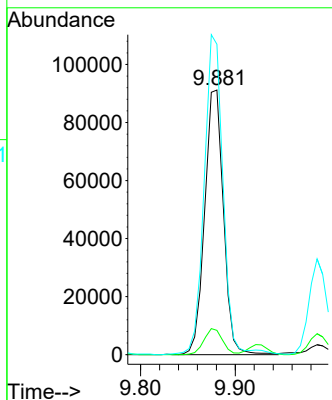
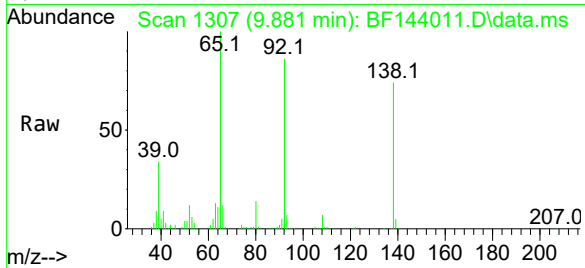




#53  
3-Nitroaniline  
Concen: 28.72 ng  
RT: 9.881 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

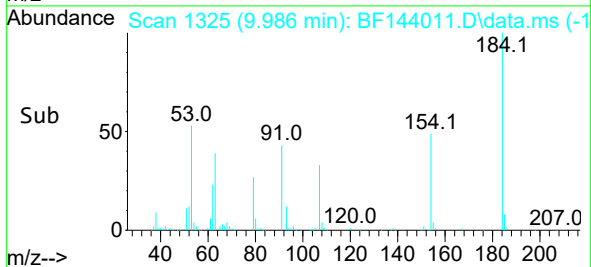
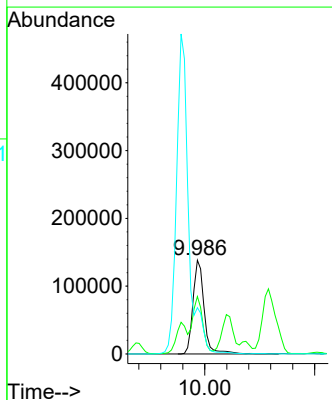
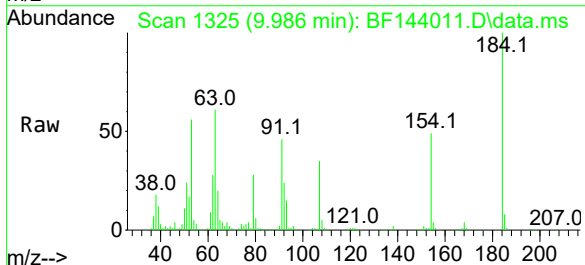
Instrument :  
BNA\_F  
ClientSampleId :

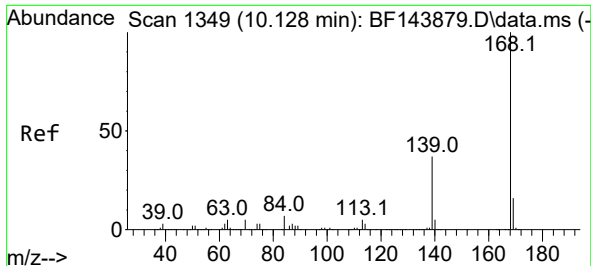
Tgt Ion:138 Resp: 125615  
Ion Ratio Lower Upper  
138 100  
108 9.2 8.3 12.5  
92 117.3 96.2 144.2



#54  
2,4-Dinitrophenol  
Concen: 88.04 ng  
RT: 9.986 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

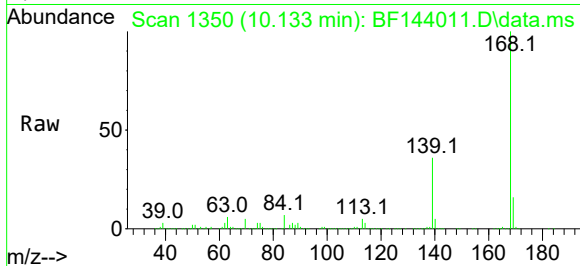
Tgt Ion:184 Resp: 195686  
Ion Ratio Lower Upper  
184 100  
63 61.3 48.2 72.4  
154 49.3 49.2 73.8



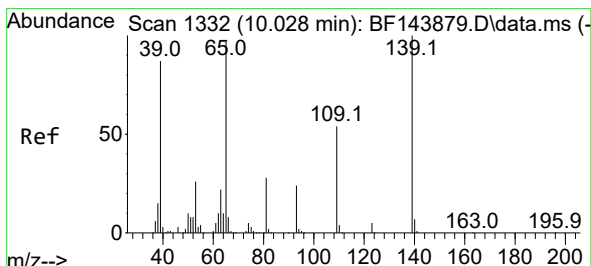
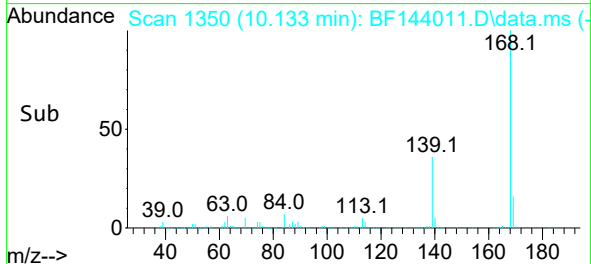
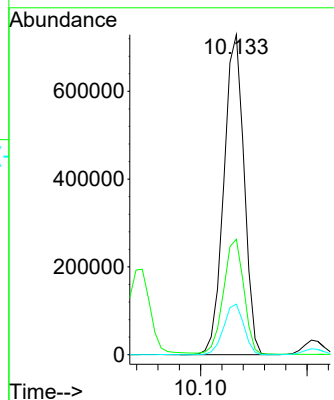


#55  
Dibenzenofuran  
Concen: 43.97 ng  
RT: 10.133 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Instrument :  
BNA\_F  
ClientSampleId :

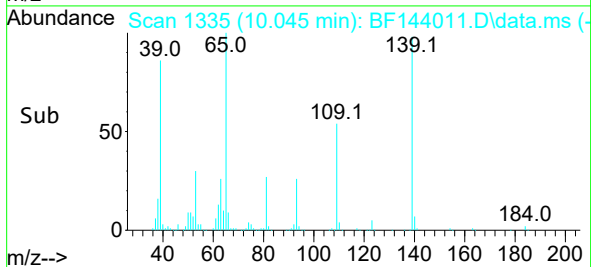
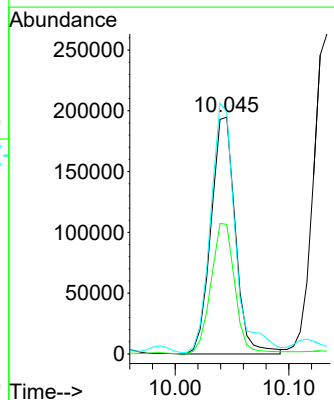
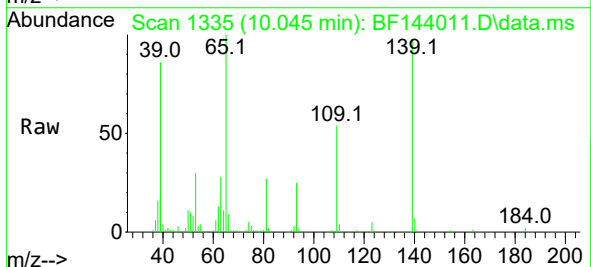


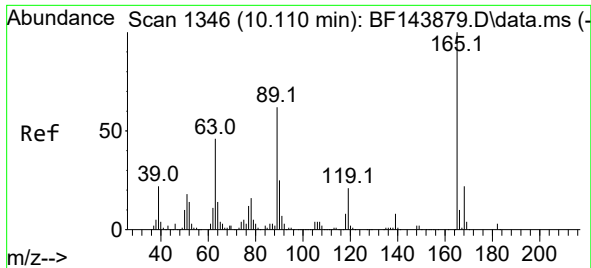
Tgt Ion:168 Resp: 957500  
Ion Ratio Lower Upper  
168 100  
139 36.1 29.8 44.8  
169 15.8 12.8 19.2



#56  
4-Nitrophenol  
Concen: 87.47 ng  
RT: 10.045 min Scan# 1335  
Delta R.T. 0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

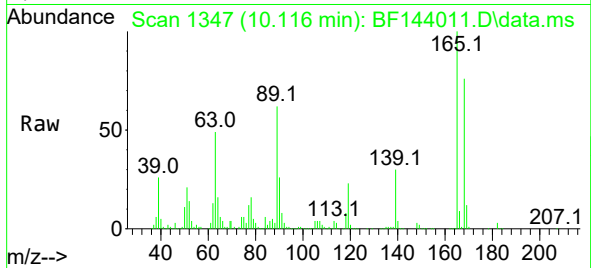
Tgt Ion:139 Resp: 289721  
Ion Ratio Lower Upper  
139 100  
109 54.7 34.5 74.5  
65 102.1 77.6 117.6



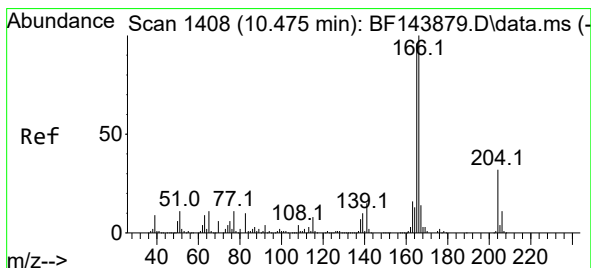
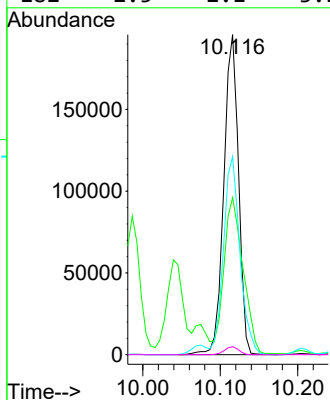
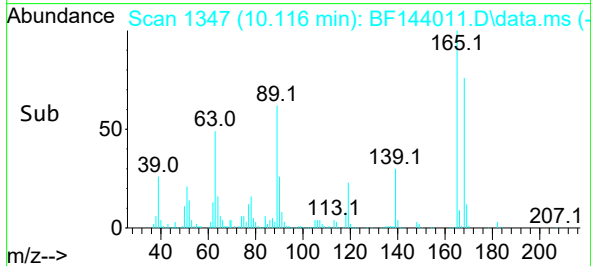


#57  
2,4-Dinitrotoluene  
Concen: 53.05 ng  
RT: 10.116 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

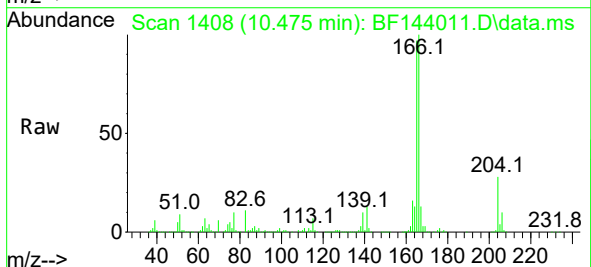
Instrument :  
BNA\_F  
ClientSampleId :



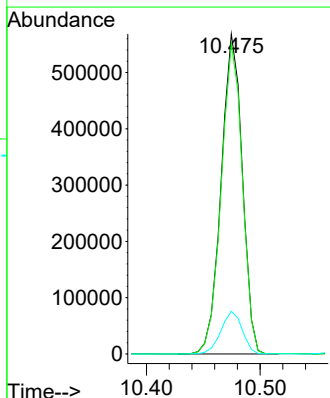
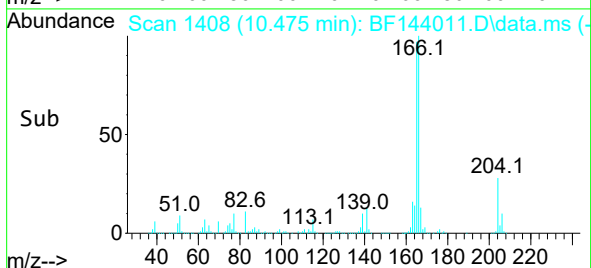
Tgt Ion:165 Resp: 257883  
Ion Ratio Lower Upper  
165 100  
63 49.1 37.2 55.8  
89 61.9 49.4 74.2  
182 2.5 2.1 3.1

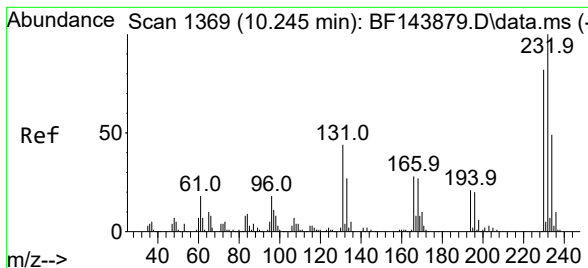


#58  
Fluorene  
Concen: 44.67 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26



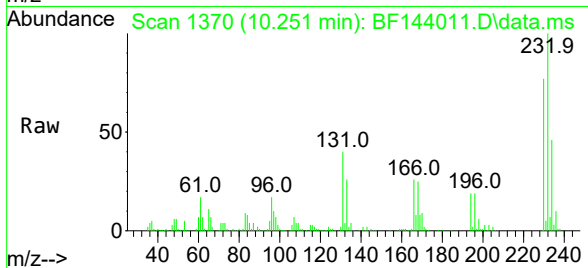
Tgt Ion:166 Resp: 734096  
Ion Ratio Lower Upper  
166 100  
165 96.9 77.0 115.6  
167 13.3 11.1 16.7



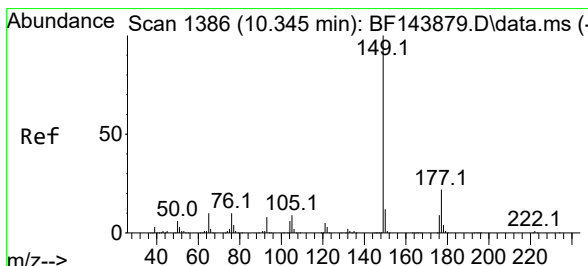
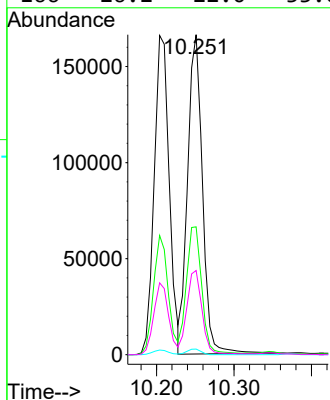
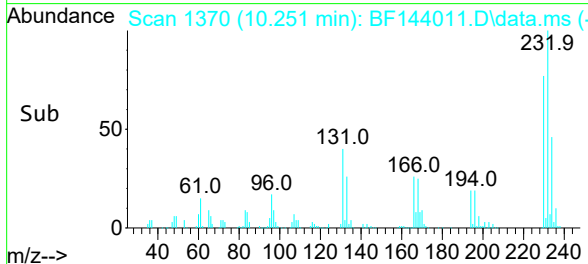


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.28 ng  
RT: 10.251 min Scan# 1370  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

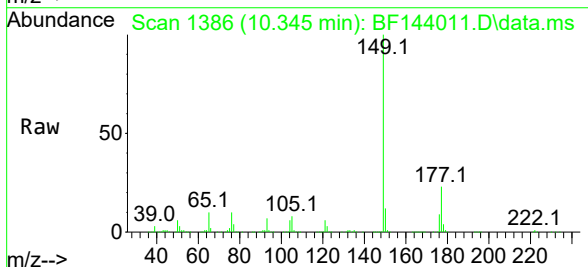
Instrument :  
BNA\_F  
ClientSampleId :



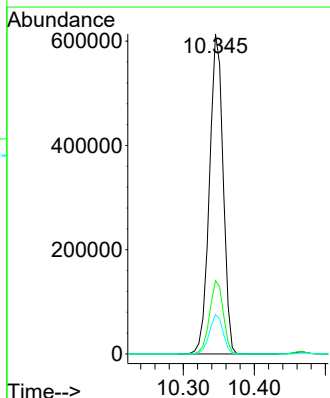
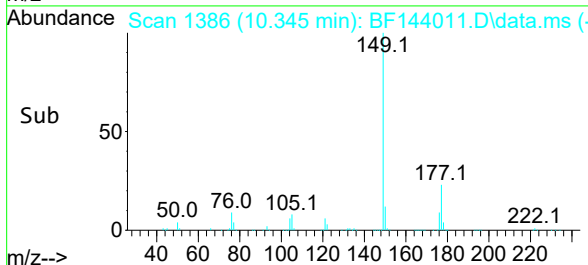
Tgt Ion:232 Resp: 221268  
Ion Ratio Lower Upper  
232 100  
131 41.8 34.9 52.3  
130 1.7 1.6 2.4  
166 26.2 22.0 33.0

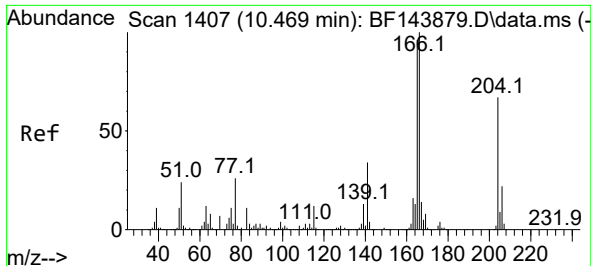


#60  
Diethylphthalate  
Concen: 45.79 ng  
RT: 10.345 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26



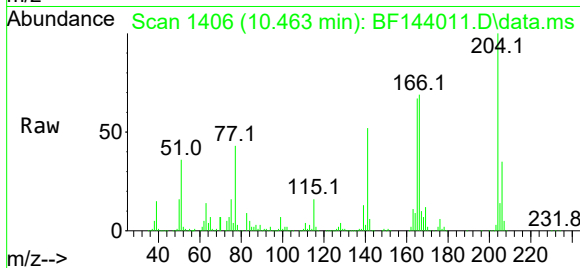
Tgt Ion:149 Resp: 819628  
Ion Ratio Lower Upper  
149 100  
177 23.0 17.9 26.9  
150 12.3 9.8 14.8



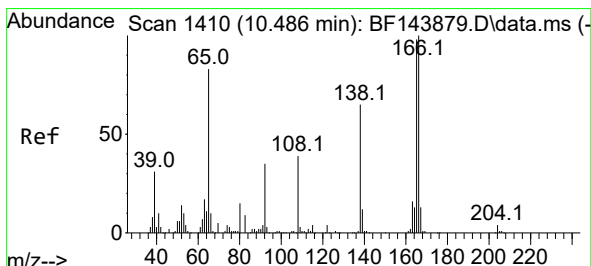
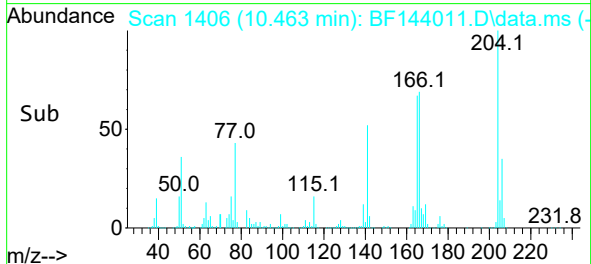
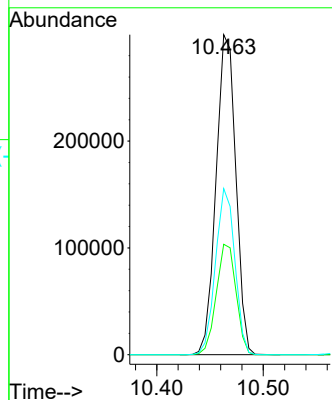


#61  
4-Chlorophenyl-phenylether  
Concen: 44.37 ng  
RT: 10.463 min Scan# 1406  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Instrument :  
BNA\_F  
ClientSampleId :

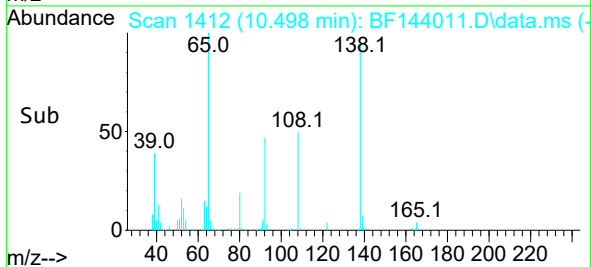
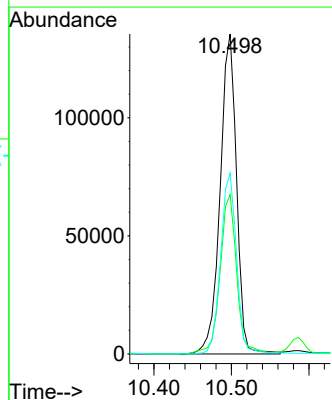
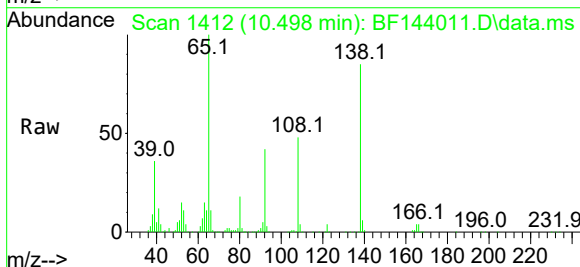


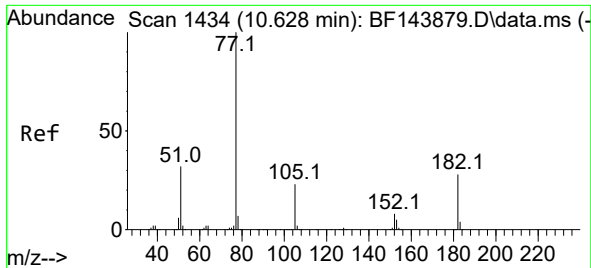
Tgt Ion:204 Resp: 385490  
Ion Ratio Lower Upper  
204 100  
206 34.5 26.6 40.0  
141 51.9 40.4 60.6



#62  
4-Nitroaniline  
Concen: 47.34 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. -0.012 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

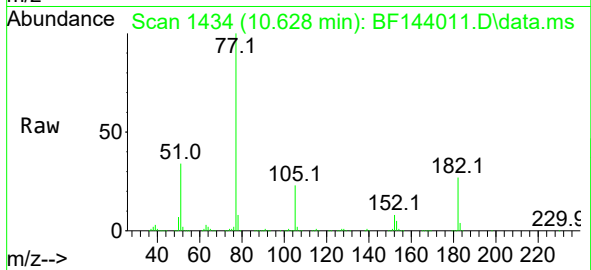
Tgt Ion:138 Resp: 199147  
Ion Ratio Lower Upper  
138 100  
92 49.8 33.9 73.9  
108 56.5 40.2 80.2



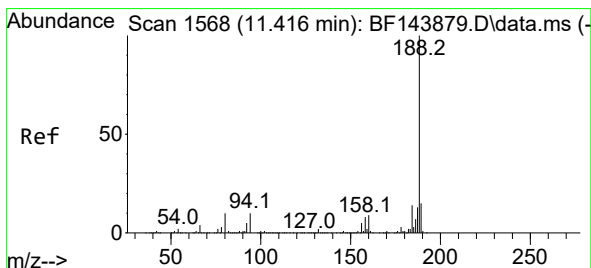
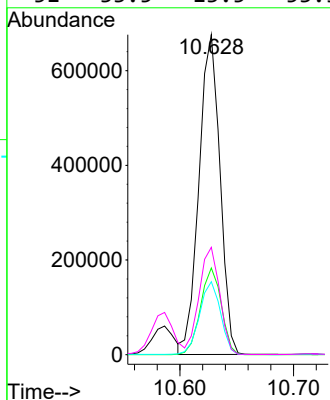
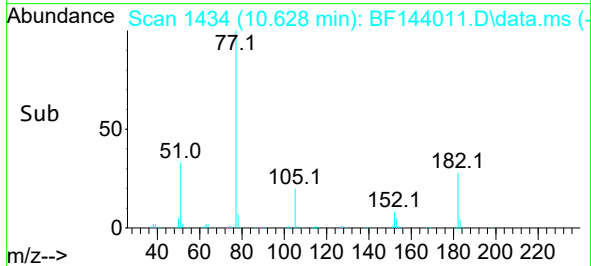


#63  
Azobenzene  
Concen: 46.35 ng  
RT: 10.628 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

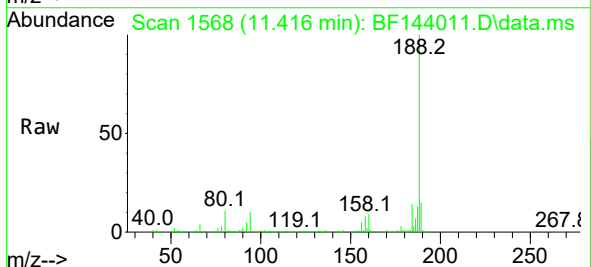
Instrument :  
BNA\_F  
ClientSampleId :



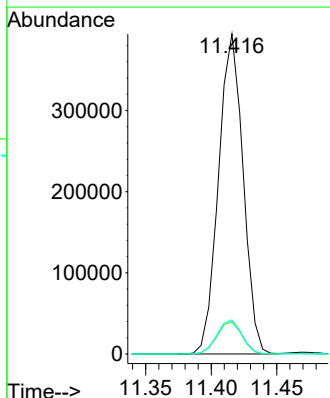
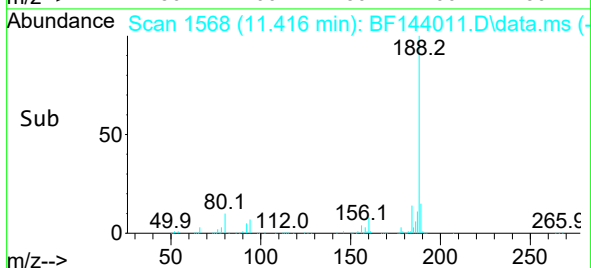
Tgt Ion: 77 Resp: 866985  
Ion Ratio Lower Upper  
77 100  
182 27.1 7.3 47.3  
105 22.8 3.0 43.0  
51 33.5 13.5 53.5

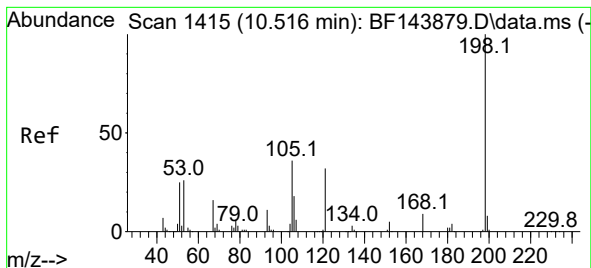


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26



Tgt Ion:188 Resp: 514428  
Ion Ratio Lower Upper  
188 100  
94 10.1 7.8 11.6  
80 10.7 7.9 11.9

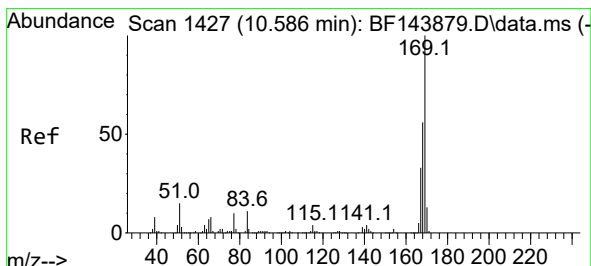
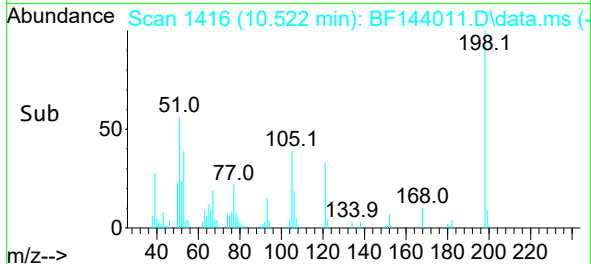
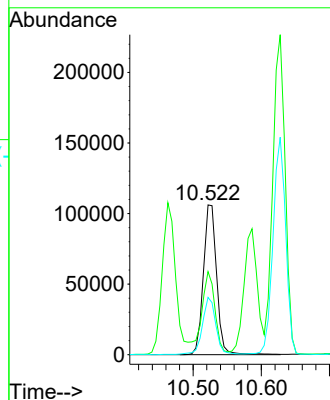
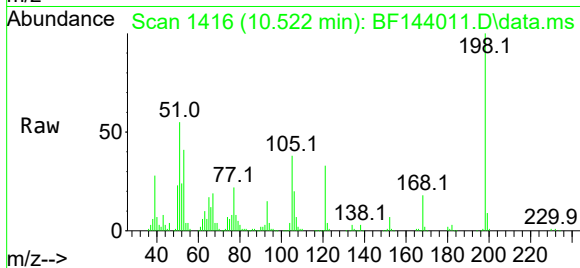




#65  
4,6-Dinitro-2-methylphenol  
Concen: 55.57 ng  
RT: 10.522 min Scan# 1415  
Delta R.T. -0.012 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

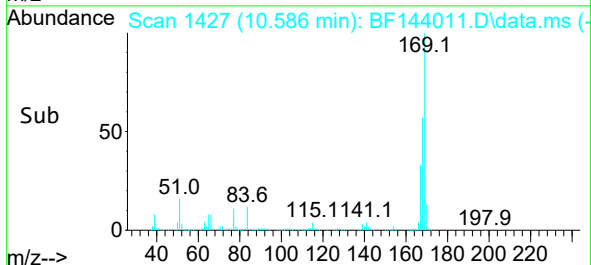
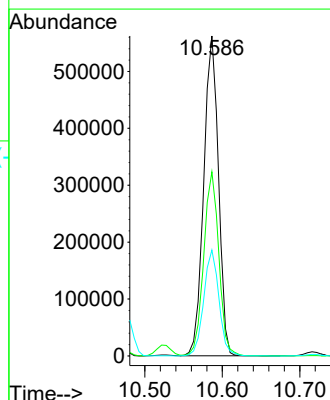
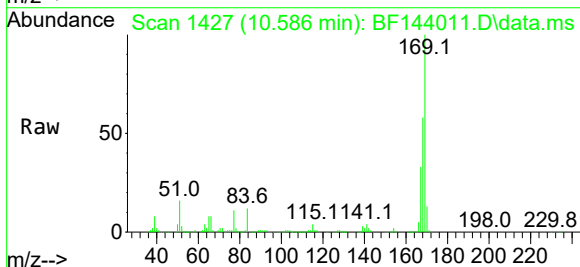
Instrument :  
BNA\_F  
ClientSampleId :

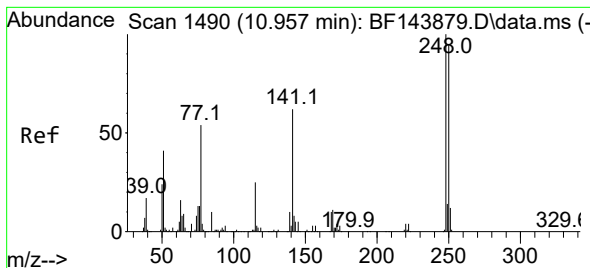
Tgt Ion:198 Resp: 143666  
Ion Ratio Lower Upper  
198 100  
51 55.5 33.8 73.8  
105 38.2 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 45.92 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion:169 Resp: 741697  
Ion Ratio Lower Upper  
169 100  
168 57.6 44.9 67.3  
167 33.1 26.3 39.5

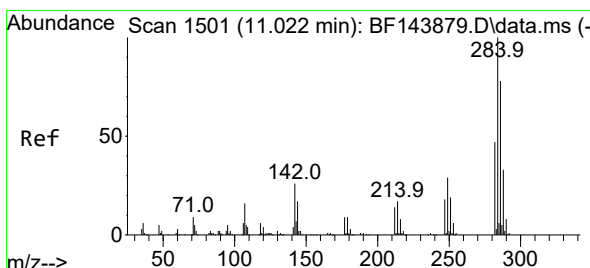
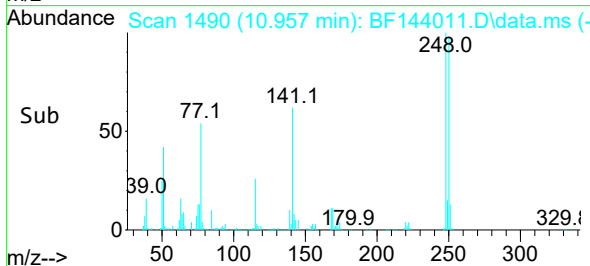
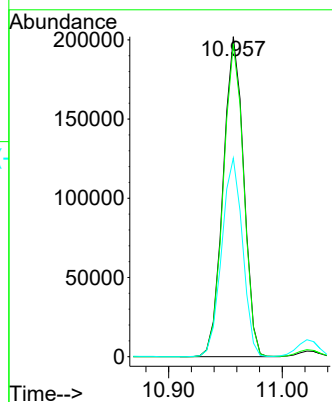
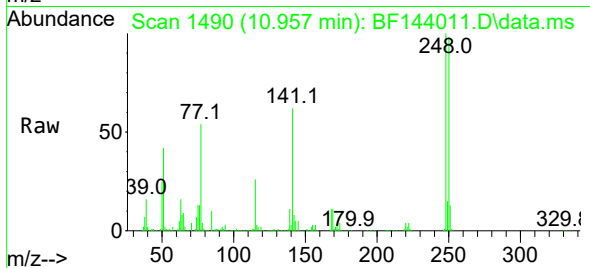




#67  
4-Bromophenyl-phenylether  
Concen: 44.69 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

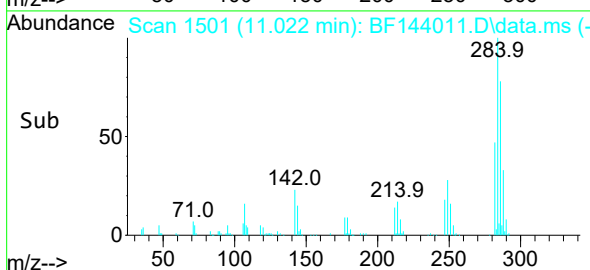
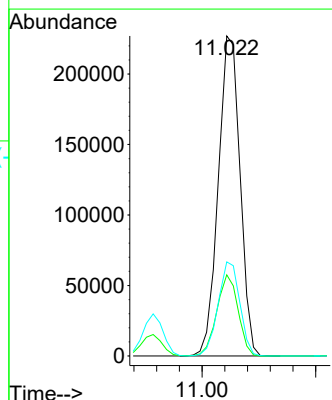
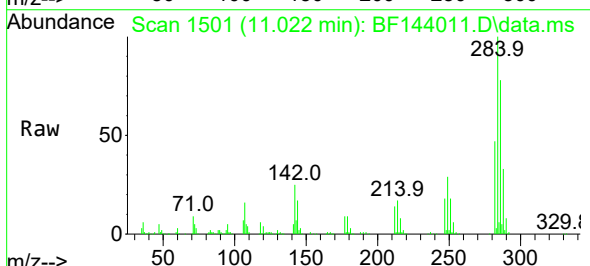
Instrument :  
BNA\_F  
ClientSampleId :

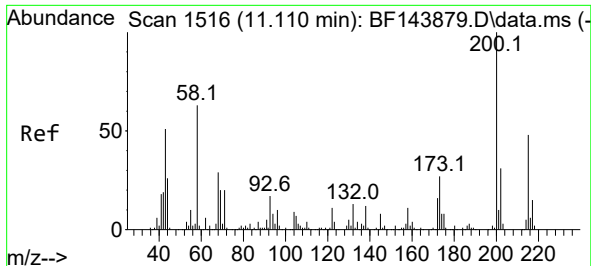
Tgt Ion:248 Resp: 254094  
Ion Ratio Lower Upper  
248 100  
250 97.8 76.3 114.5  
141 62.1 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 45.95 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

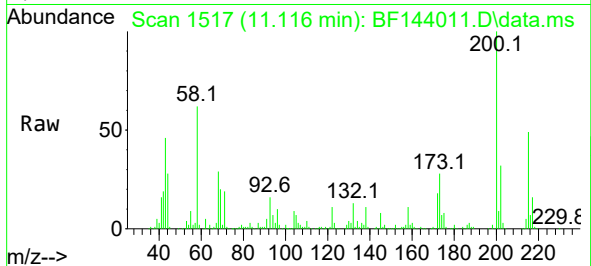
Tgt Ion:284 Resp: 302432  
Ion Ratio Lower Upper  
284 100  
142 25.4 20.6 30.8  
249 29.4 23.2 34.8



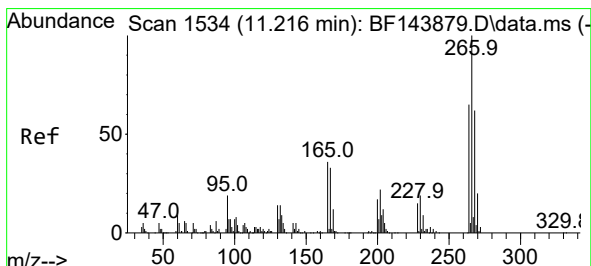
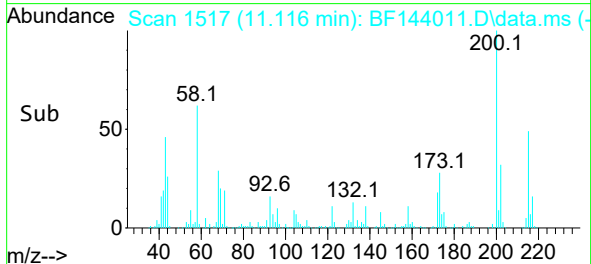
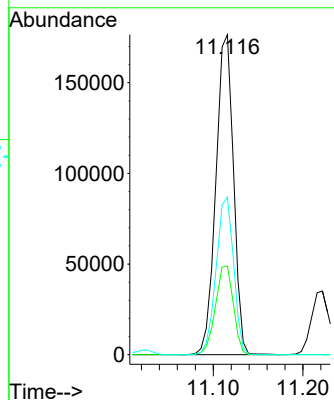


#69  
Atrazine  
Concen: 49.24 ng  
RT: 11.116 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Instrument :  
BNA\_F  
ClientSampleId :

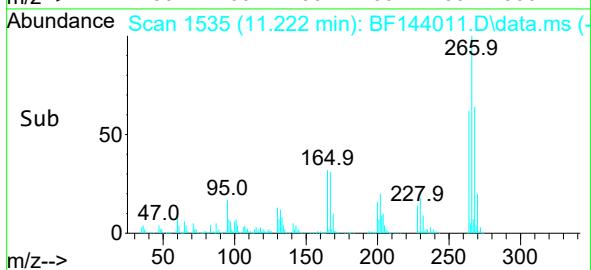
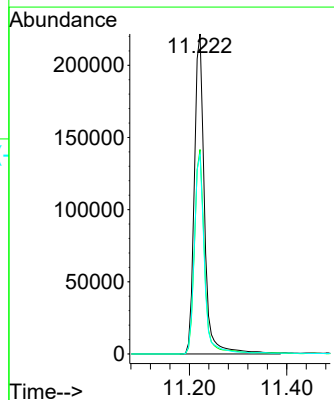
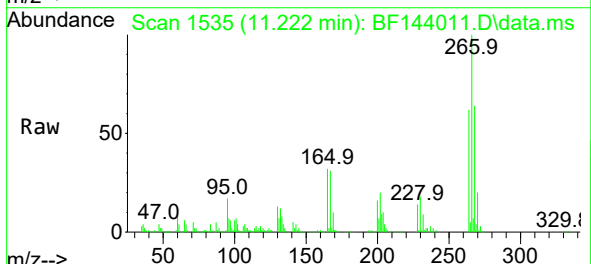


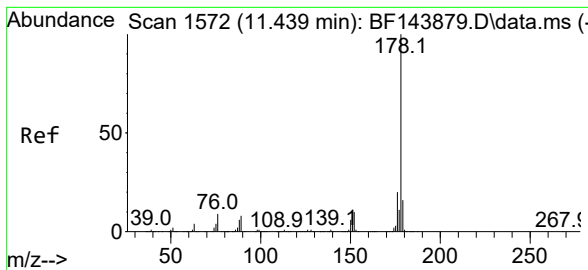
Tgt Ion:200 Resp: 241090  
Ion Ratio Lower Upper  
200 100  
173 27.8 7.0 47.0  
215 49.2 27.8 67.8



#70  
Pentachlorophenol  
Concen: 85.52 ng  
RT: 11.222 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion:266 Resp: 323274  
Ion Ratio Lower Upper  
266 100  
268 63.9 49.4 74.0  
264 62.4 51.8 77.6

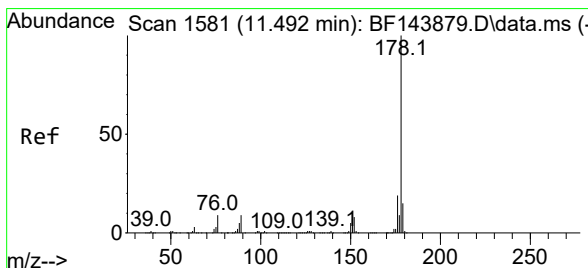
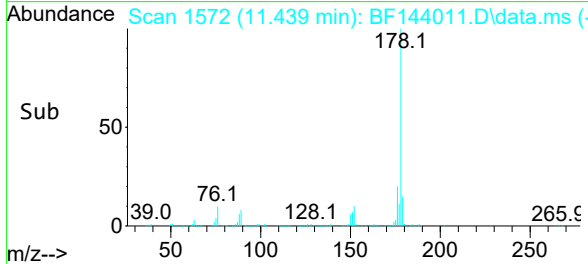
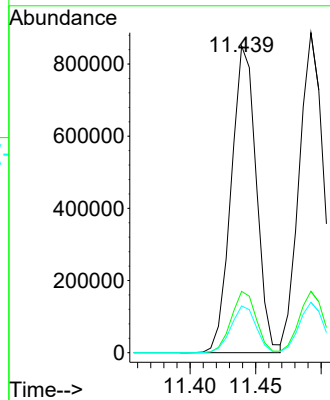
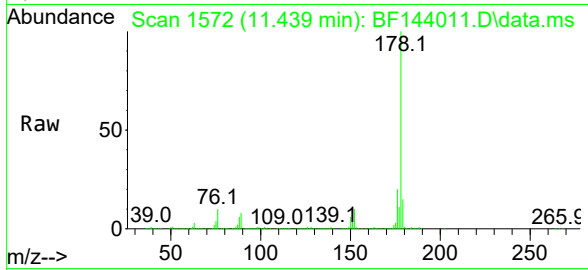




#71  
Phenanthrene  
Concen: 45.37 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

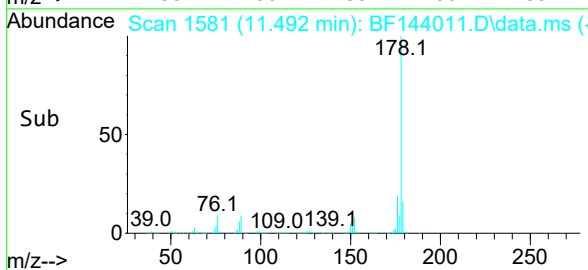
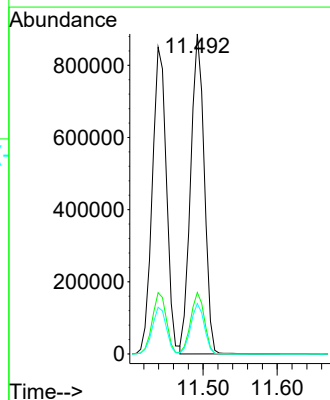
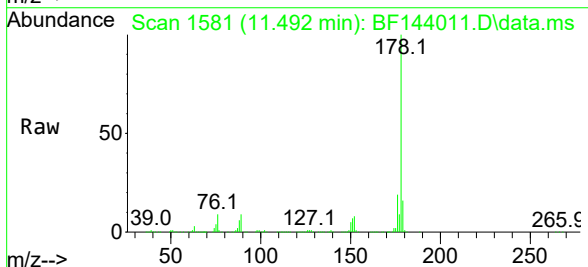
Instrument :  
BNA\_F  
ClientSampleId :

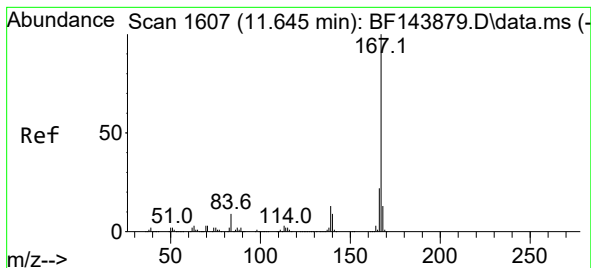
Tgt Ion:178 Resp: 1131472  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.9 23.9  
179 15.3 12.4 18.6



#72  
Anthracene  
Concen: 44.95 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion:178 Resp: 1132576  
Ion Ratio Lower Upper  
178 100  
176 19.2 14.9 22.3  
179 15.7 12.2 18.2





#73

Carbazole

Concen: 45.04 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

ClientSampleId :

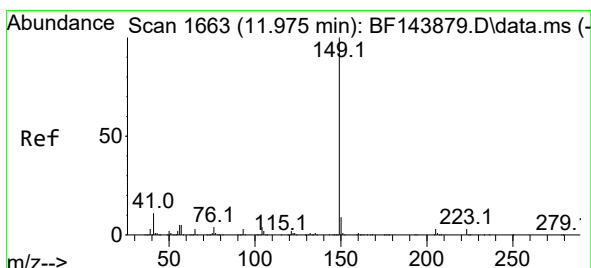
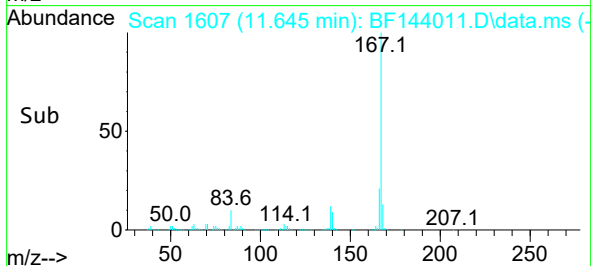
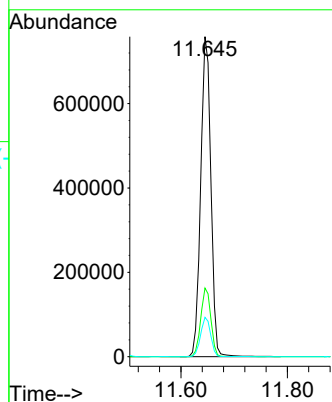
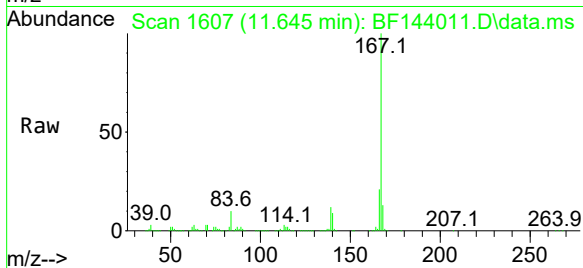
Tgt Ion:167 Resp: 1005015

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.3 10.1 15.1



#74

Di-n-butylphthalate

Concen: 47.47 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

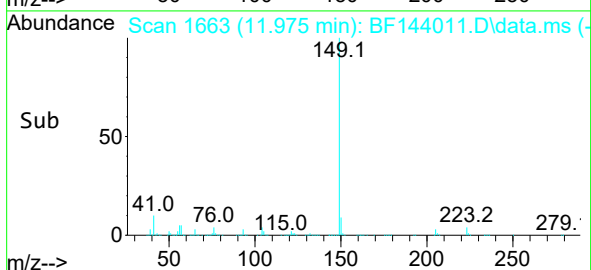
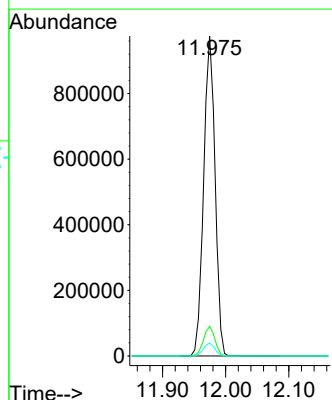
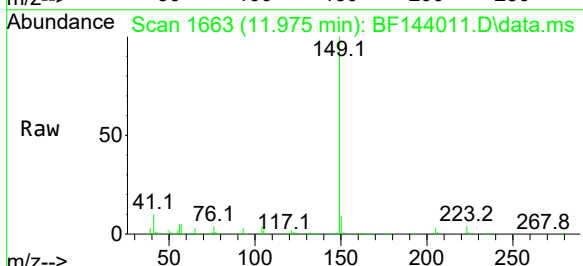
Tgt Ion:149 Resp: 1227652

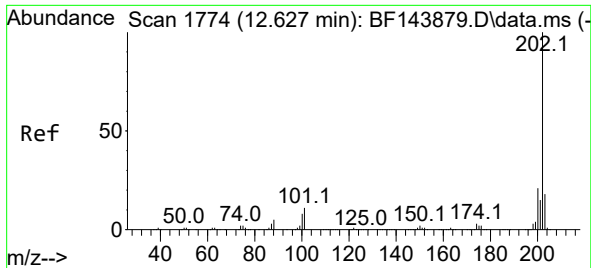
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

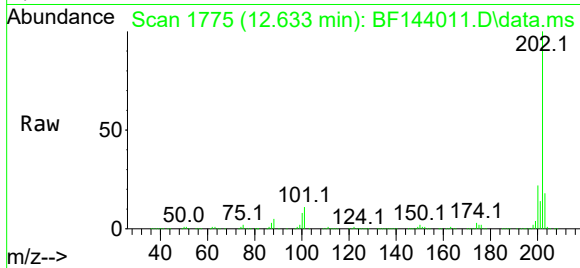
104 4.0 3.4 5.2



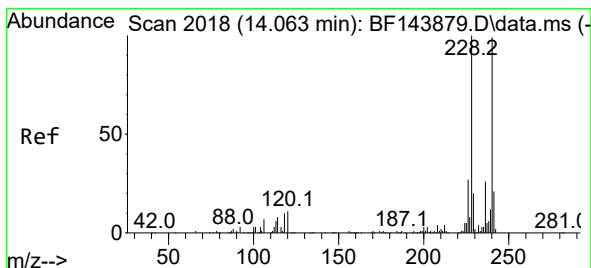
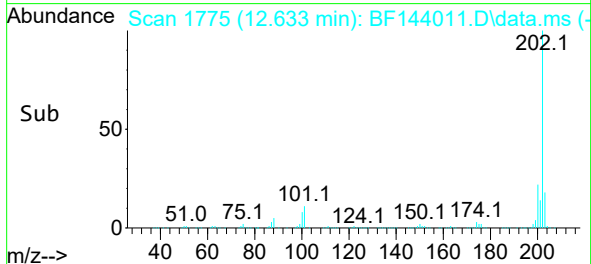
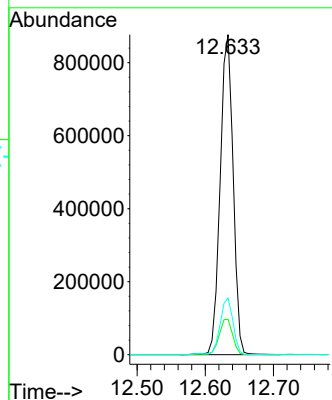


#75  
Fluoranthene  
Concen: 45.05 ng  
RT: 12.633 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Instrument :  
BNA\_F  
ClientSampleId :

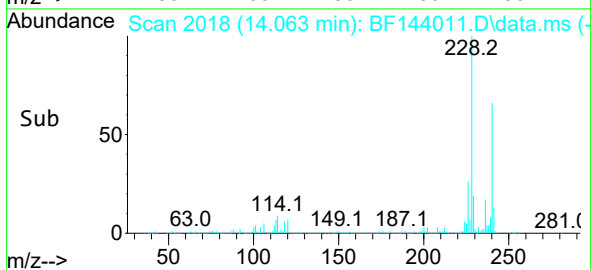
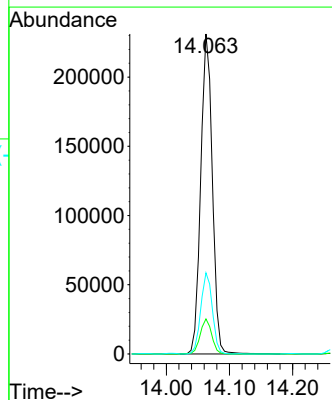
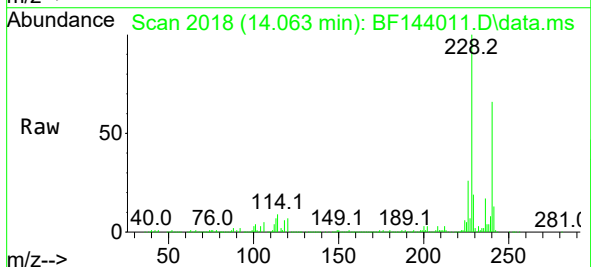


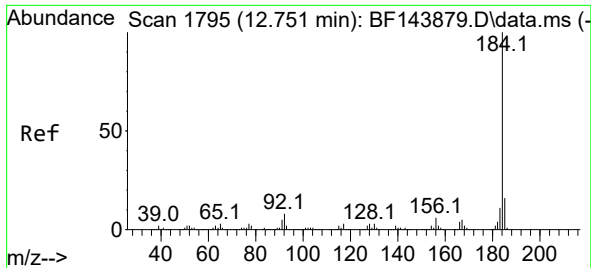
Tgt Ion:202 Resp: 1160588  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 30.7  
203 17.7 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.005 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

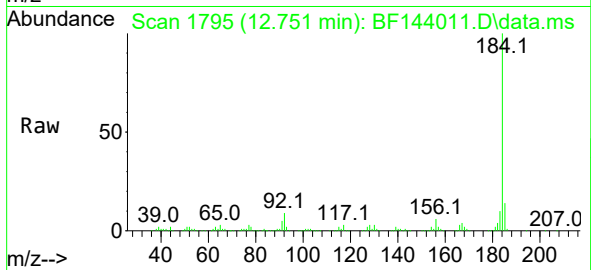
Tgt Ion:240 Resp: 294228  
Ion Ratio Lower Upper  
240 100  
120 10.9 8.6 13.0  
236 25.4 21.1 31.7



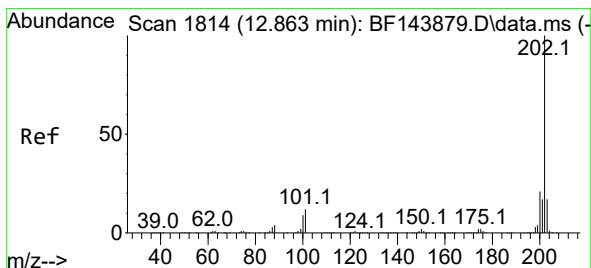
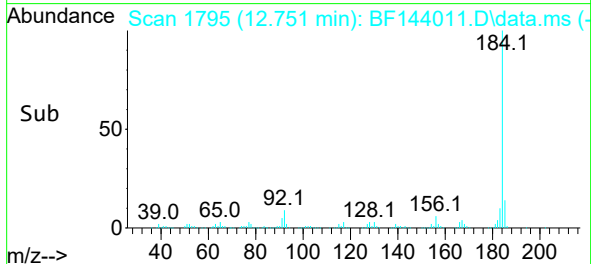
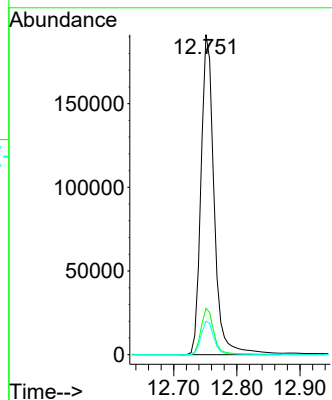


#77  
Benzidine  
Concen: 27.10 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Instrument :  
BNA\_F  
ClientSampleId :

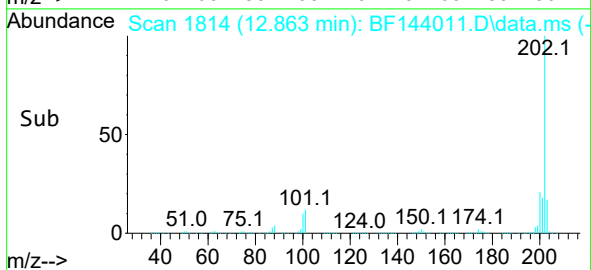
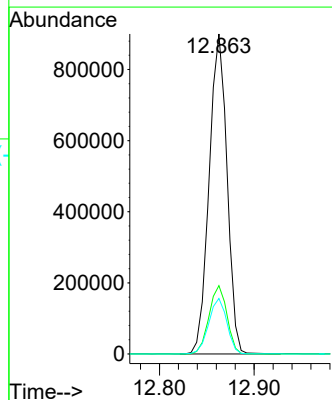
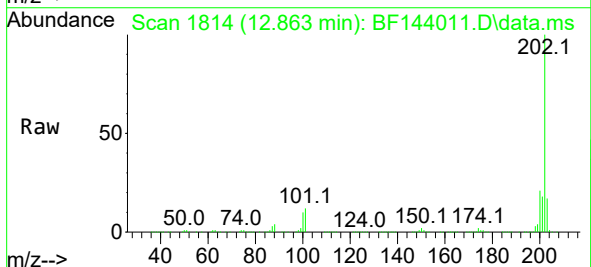


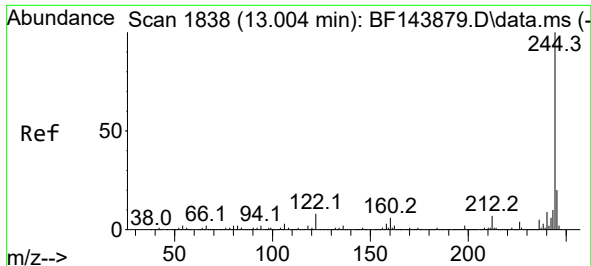
Tgt Ion:184 Resp: 276908  
Ion Ratio Lower Upper  
184 100  
185 14.5 12.6 18.8  
183 10.5 8.8 13.2



#78  
Pyrene  
Concen: 48.20 ng  
RT: 12.863 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

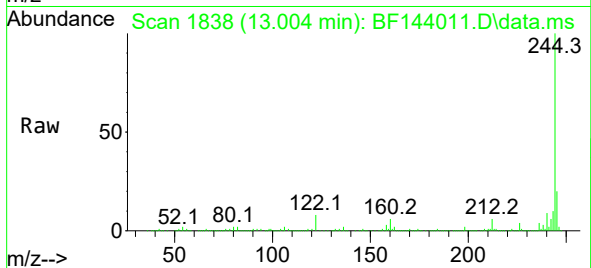
Tgt Ion:202 Resp: 1182316  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.0 25.6  
203 17.3 13.8 20.6



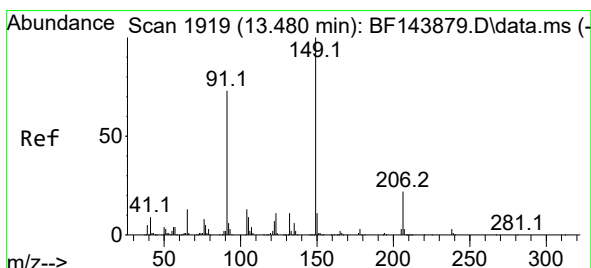
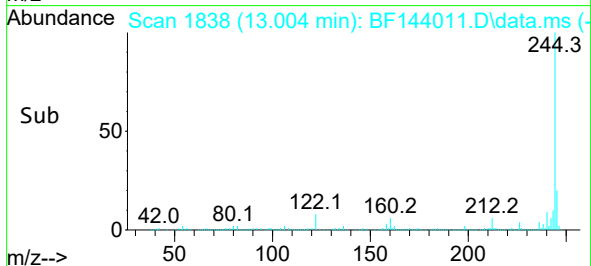
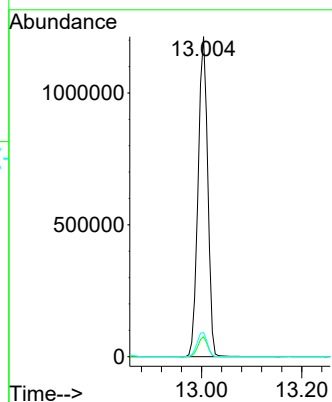


#79  
 Terphenyl-d14  
 Concen: 93.60 ng  
 RT: 13.004 min Scan# 1838  
 Delta R.T. -0.006 min  
 Lab File: BF144011.D  
 Acq: 21 Oct 2025 14:26

Instrument :  
 BNA\_F  
 ClientSampleId :

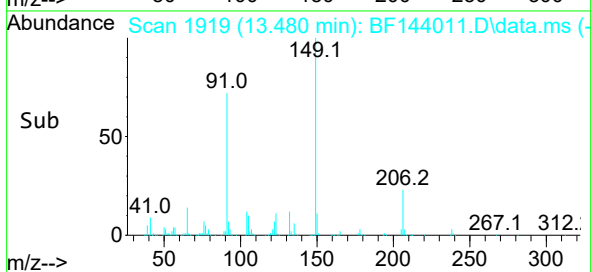
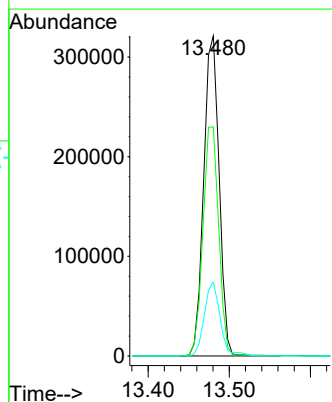
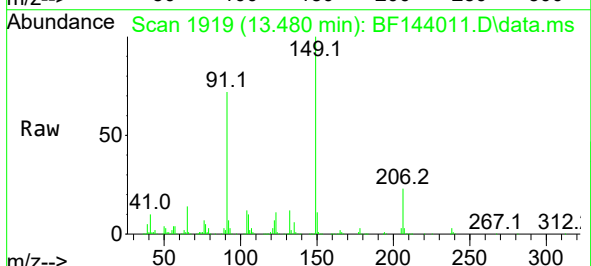


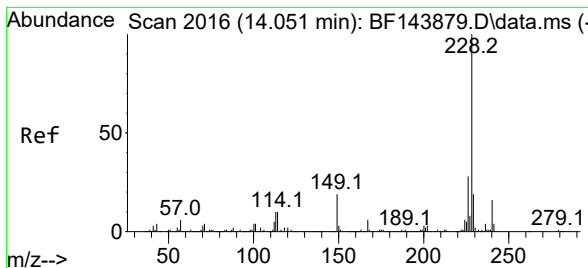
Tgt Ion:244 Resp: 1611319  
 Ion Ratio Lower Upper  
 244 100  
 212 6.2 5.4 8.0  
 122 7.6 6.4 9.6



#80  
 Butylbenzylphthalate  
 Concen: 53.13 ng  
 RT: 13.480 min Scan# 1919  
 Delta R.T. 0.000 min  
 Lab File: BF144011.D  
 Acq: 21 Oct 2025 14:26

Tgt Ion:149 Resp: 423233  
 Ion Ratio Lower Upper  
 149 100  
 91 71.6 58.2 87.2  
 206 23.0 17.9 26.9





#81

Benzo(a)anthracene

Concen: 49.82 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

ClientSampleId :

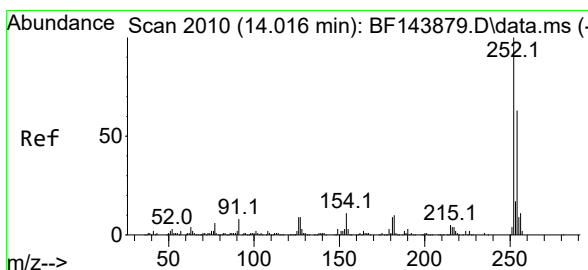
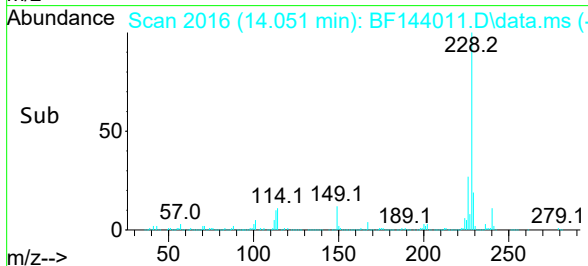
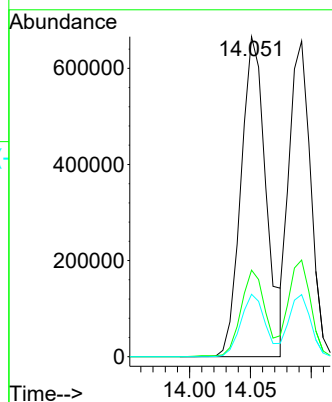
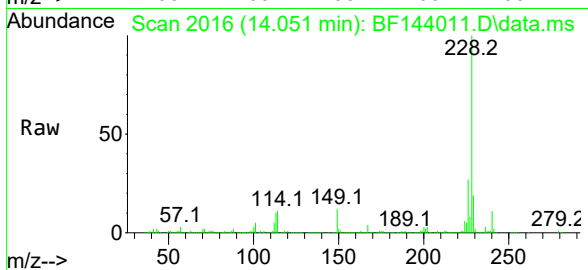
Tgt Ion:228 Resp: 959279

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 26.56 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

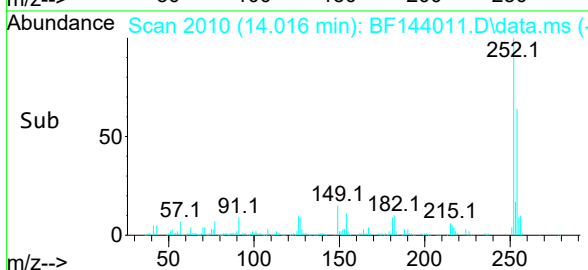
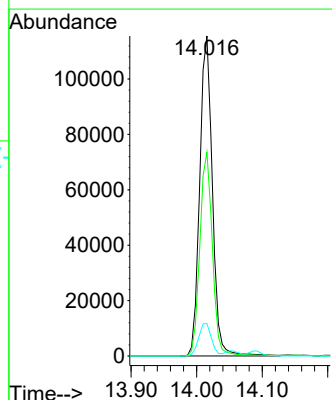
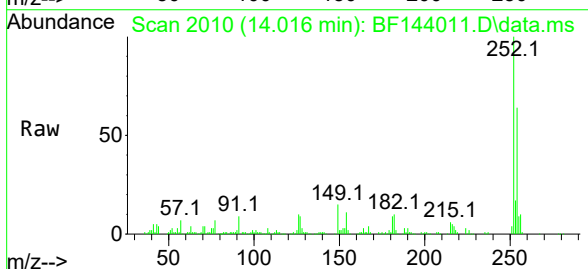
Tgt Ion:252 Resp: 155849

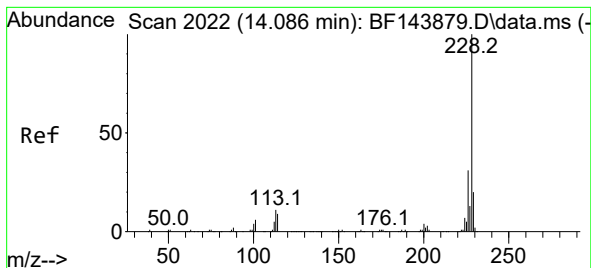
Ion Ratio Lower Upper

252 100

254 63.7 50.6 76.0

126 10.1 7.0 10.6





#83

Chrysene

Concen: 45.31 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

ClientSampleId :

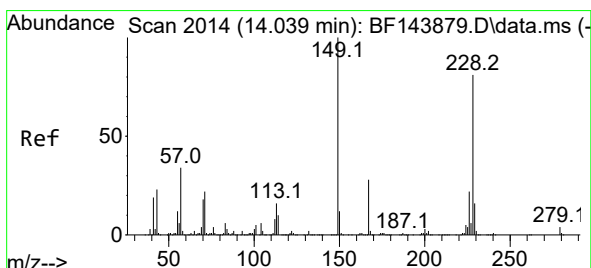
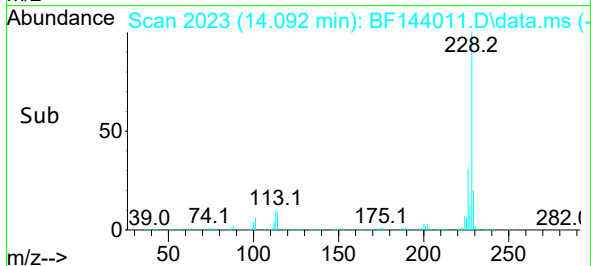
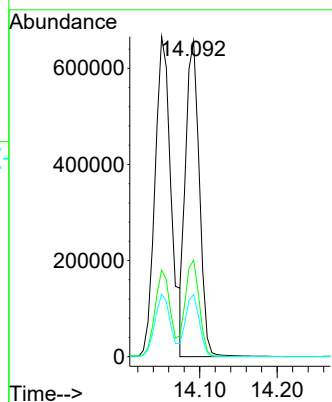
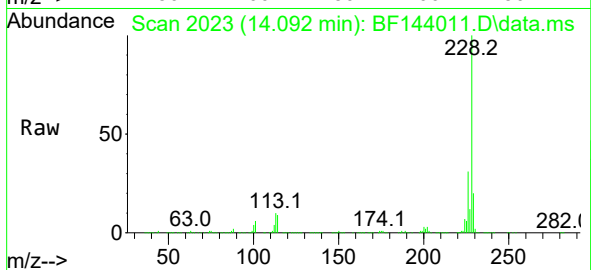
Tgt Ion:228 Resp: 807482

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.87 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

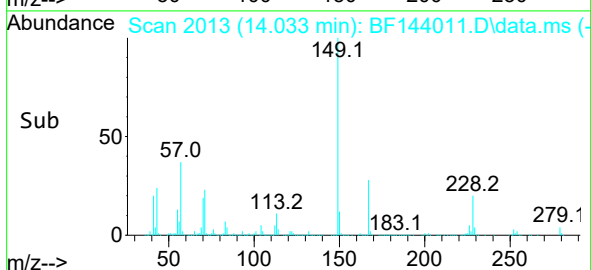
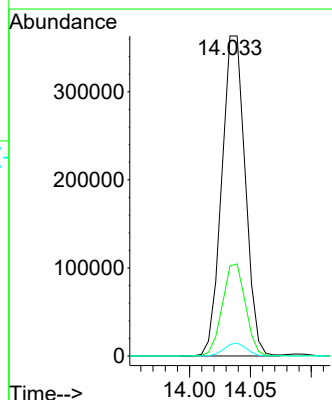
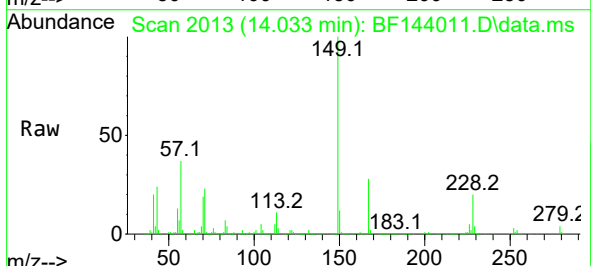
Tgt Ion:149 Resp: 488485

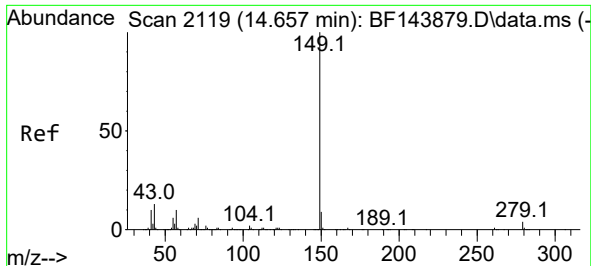
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 3.6 3.1 4.7

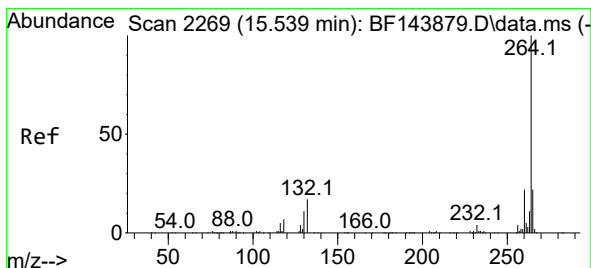
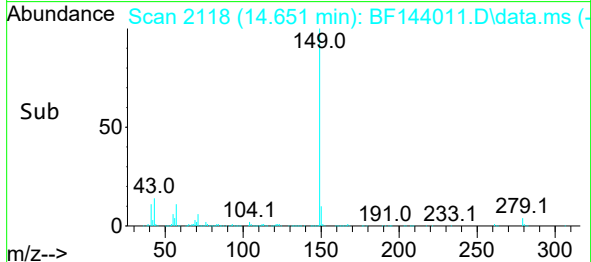
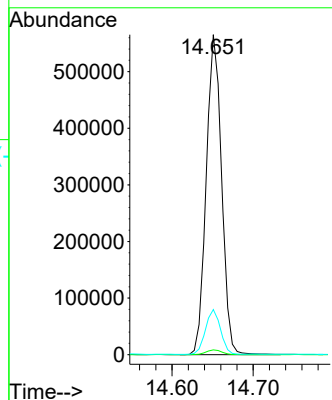
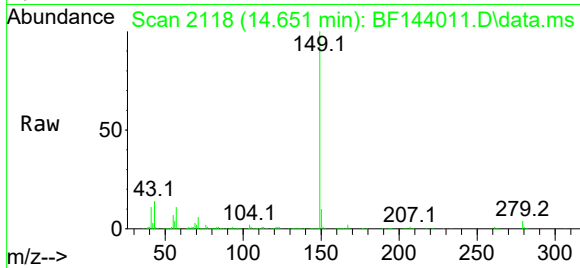




#85  
Di-n-octyl phthalate  
Concen: 46.97 ng  
RT: 14.651 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

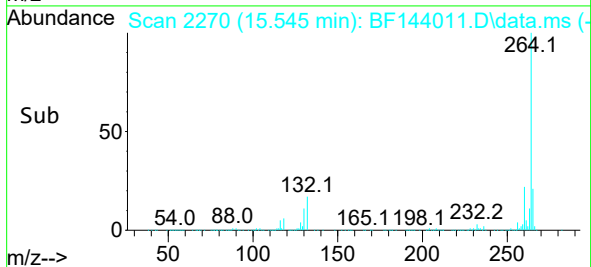
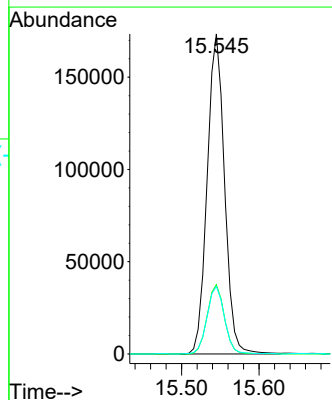
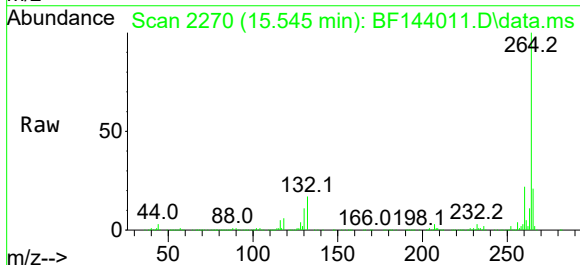
Instrument :  
BNA\_F  
ClientSampleId :

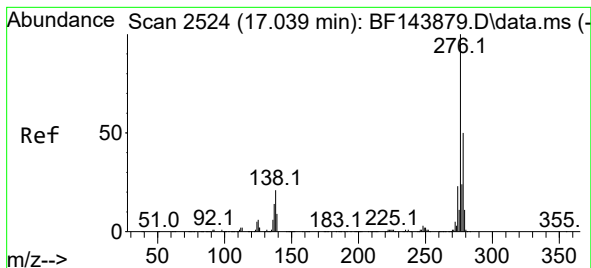
Tgt Ion:149 Resp: 740855  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.1 1.7  
43 13.7 11.0 16.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF144011.D  
Acq: 21 Oct 2025 14:26

Tgt Ion:264 Resp: 269889  
Ion Ratio Lower Upper  
264 100  
260 21.7 17.8 26.8  
265 21.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.39 ng

RT: 17.051 min Scan# 2196

Delta R.T. -0.006 min

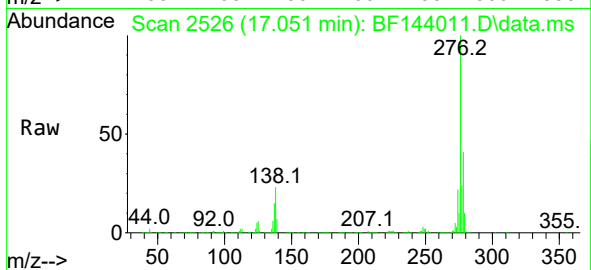
Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

ClientSampleId :



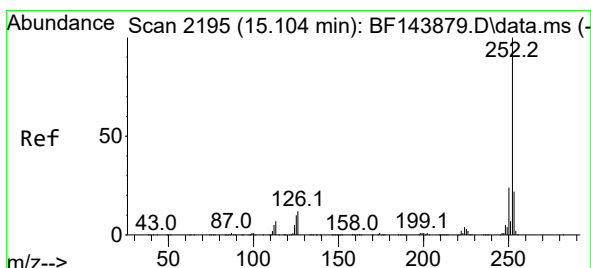
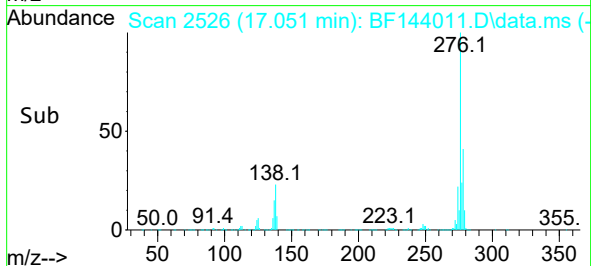
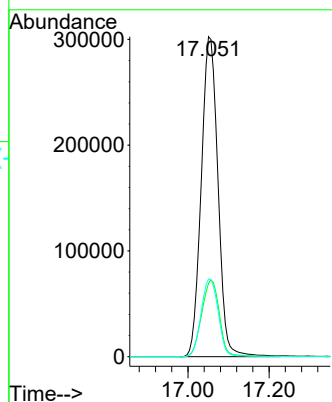
Tgt Ion:276 Resp: 866365

Ion Ratio Lower Upper

276 100

138 25.4 18.2 27.2

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 51.16 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

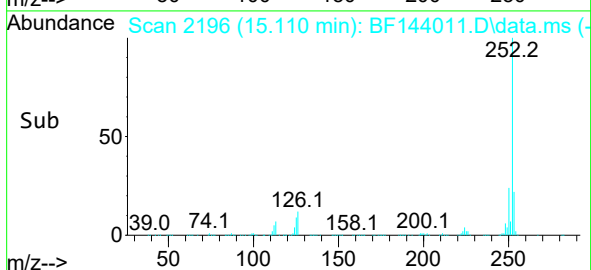
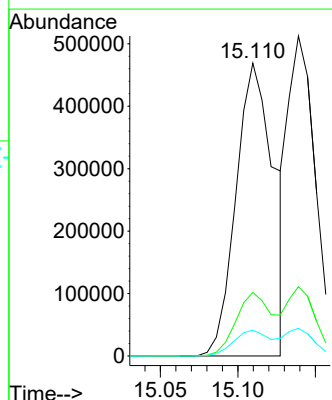
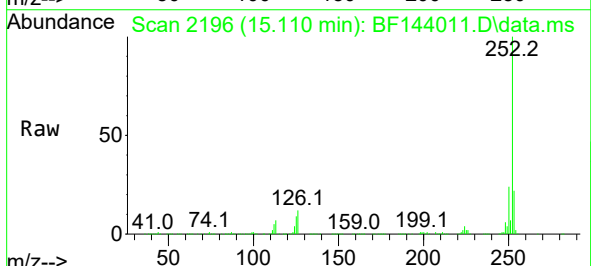
Tgt Ion:252 Resp: 793165

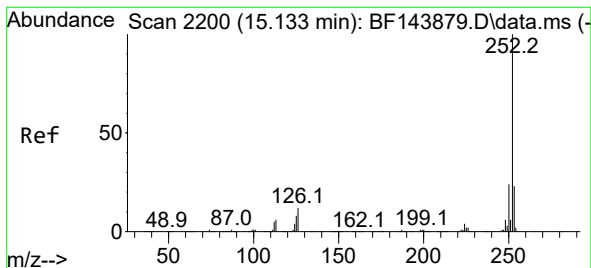
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 8.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 44.22 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

ClientSampleId :

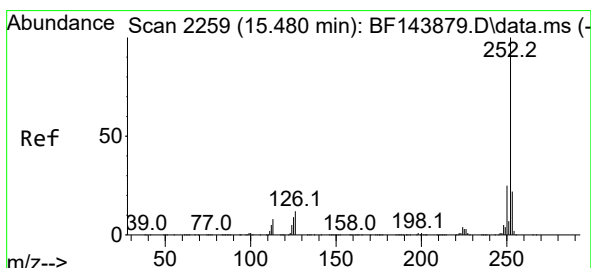
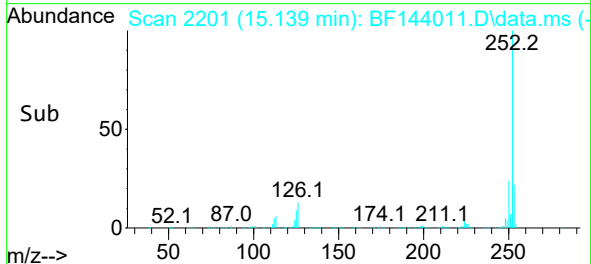
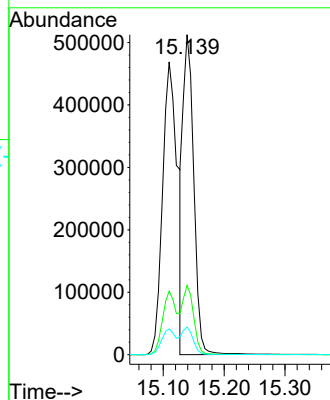
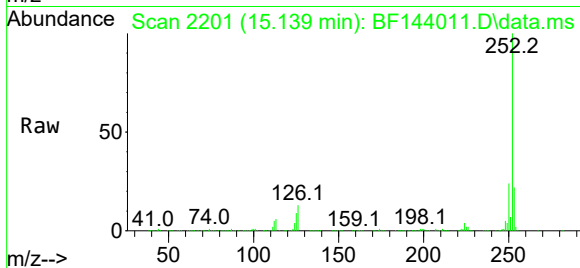
Tgt Ion:252 Resp: 634319

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.7 7.4 11.2



#90

Benzo(a)pyrene

Concen: 49.48 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

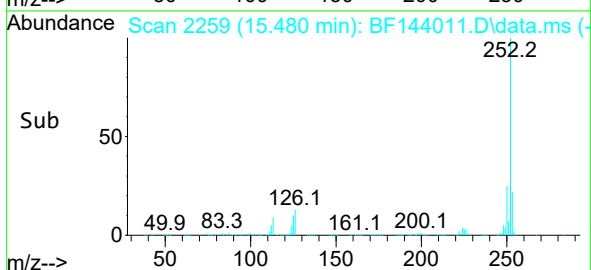
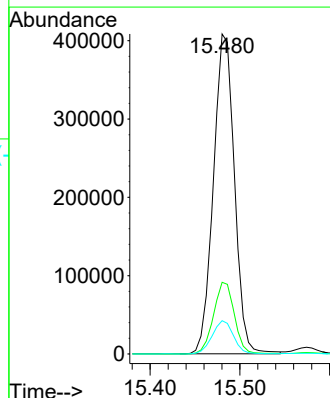
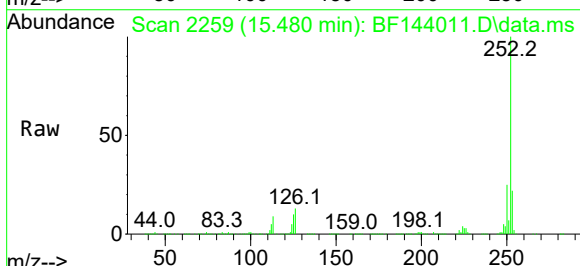
Tgt Ion:252 Resp: 665215

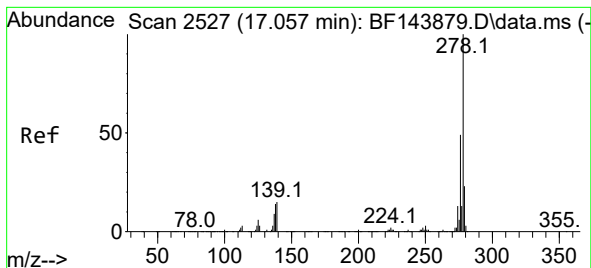
Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 10.4 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 52.86 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Instrument :

BNA\_F

ClientSampleId :

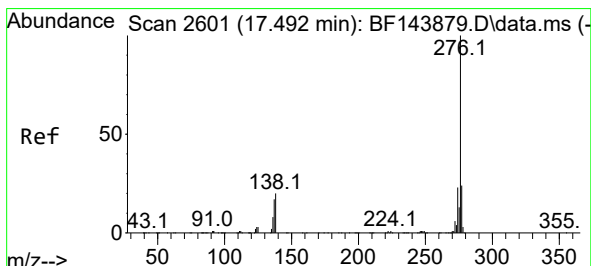
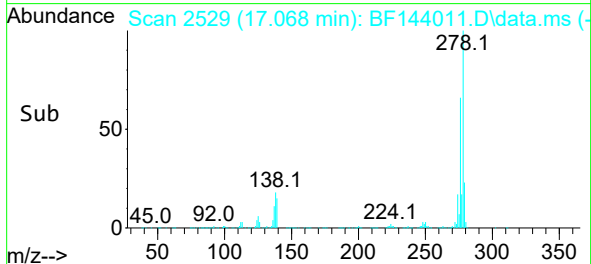
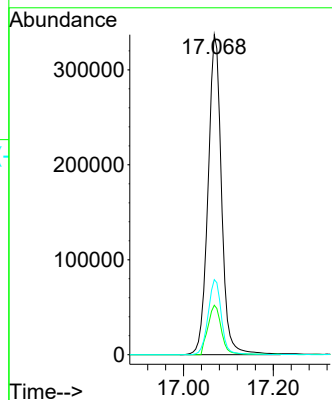
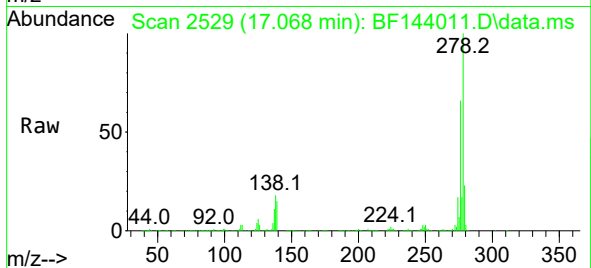
Tgt Ion:278 Resp: 703017

Ion Ratio Lower Upper

278 100

139 15.4 11.7 17.5

279 23.5 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 53.47 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.006 min

Lab File: BF144011.D

Acq: 21 Oct 2025 14:26

Tgt Ion:276 Resp: 711157

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 21.9 16.1 24.1

