

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082225\  
 Data File : BF143565.D  
 Acq On : 22 Aug 2025 11:27  
 Operator : RC/JU  
 Sample : PB169330BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169330BS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 08/25/2025  
 Supervised By :Jagrut Upadhyay 08/25/2025

Quant Time: Aug 22 11:54:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 21 06:12:21 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.928  | 152  | 101018   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.210  | 136  | 389858   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.969  | 164  | 220374   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.457 | 188  | 354024   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.098 | 240  | 211918   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.598 | 264  | 208497   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.575  | 112  | 689265   | 119.144 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.569  | 99   | 854234   | 119.616 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.487  | 82   | 580361   | 86.870  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.763 | 330  | 271309   | 132.258 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.287  | 172  | 1116747  | 83.749  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.039 | 244  | 1137401  | 93.659  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 2) 1,4-Dioxane                | 2.881  | 88   | 97360    | 36.329  | ng    | 94       |
| 3) Pyridine                   | 3.628  | 79   | 261741   | 36.669  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.575  | 42   | 151034   | 47.069  | ng    | 92       |
| 6) Aniline                    | 6.593  | 93   | 301594   | 31.595  | ng    | # 89     |
| 8) 2-Chlorophenol             | 6.716  | 128  | 273177   | 42.752  | ng    | 98       |
| 9) Benzaldehyde               | 6.475  | 77   | 142621   | 24.667  | ng    | 98       |
| 10) Phenol                    | 6.581  | 94   | 343798   | 41.789  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.657  | 93   | 257497   | 41.884  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.869  | 146  | 309880   | 43.162  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.945  | 146  | 314330   | 43.646  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.098  | 146  | 301047   | 44.151  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.069  | 79   | 255095   | 47.710  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.198  | 45   | 404274   | 41.103  | ng    | 94       |
| 17) 2-Methylphenol            | 7.181  | 107  | 226640   | 44.193  | ng    | 98       |
| 18) Hexachloroethane          | 7.440  | 117  | 109593   | 44.758  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.340  | 70   | 201597   | 46.185  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.334  | 107  | 275497   | 45.000  | ng    | 95       |
| 22) Acetophenone              | 7.334  | 105  | 384279   | 45.625  | ng    | 99       |
| 24) Nitrobenzene              | 7.504  | 77   | 306080   | 44.514  | ng    | 97       |
| 25) Isophorone                | 7.745  | 82   | 553969   | 45.235  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.822  | 139  | 151400   | 44.950  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.863  | 122  | 243031m  | 46.287  | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 7.951  | 93   | 325495   | 43.248  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.069  | 162  | 241291   | 43.029  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.151  | 180  | 261097   | 45.287  | ng    | 99       |
| 31) Naphthalene               | 8.234  | 128  | 789696   | 42.191  | ng    | 100      |
| 32) Benzoic acid              | 7.992  | 122  | 122802   | 41.971  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.275  | 127  | 146125   | 21.996  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.351  | 225  | 168525   | 44.803  | ng    | 99       |
| 35) Caprolactam               | 8.651  | 113  | 74100m   | 55.068  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.769  | 107  | 259225   | 46.128  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.922  | 142  | 491239   | 39.296  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.022  | 142  | 506880   | 42.389  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.092  | 216  | 261384   | 41.466  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.081  | 237  | 264577   | 105.766 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.204  | 196  | 165973   | 42.791  | ng    | 100      |

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Manual Integrations  
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 QLast Update : Thu Aug 21 06:12:21 2025  
 Response via : Initial Calibration

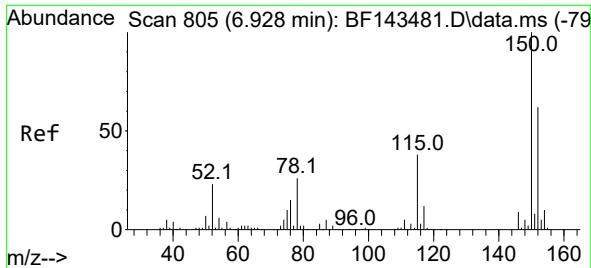
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.251  | 196  | 175994   | 41.539 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.386  | 154  | 669776   | 42.820 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.410  | 162  | 510566   | 41.601 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.504  | 65   | 164949   | 45.924 | ng    | 97       |
| 49) Acenaphthylene            | 9.828  | 152  | 827727   | 47.102 | ng    | 100      |
| 50) Dimethylphthalate         | 9.686  | 163  | 624314   | 47.038 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.745  | 165  | 134811   | 49.008 | ng    | 94       |
| 52) Acenaphthene              | 9.998  | 154  | 544272   | 45.617 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.916  | 138  | 91552    | 30.801 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 10.028 | 184  | 113338   | 77.240 | ng    | 92       |
| 55) Dibenzofuran              | 10.175 | 168  | 734966   | 43.206 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.092 | 139  | 172666   | 97.629 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 10.151 | 165  | 180096   | 49.032 | ng    | 91       |
| 58) Fluorene                  | 10.516 | 166  | 579075   | 44.230 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.292 | 232  | 151199   | 48.035 | ng    | 97       |
| 60) Diethylphthalate          | 10.386 | 149  | 589094   | 49.505 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.504 | 204  | 282715   | 43.178 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.533 | 138  | 134467   | 49.251 | ng    | 90       |
| 63) Azobenzene                | 10.663 | 77   | 570913   | 46.270 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.569 | 198  | 90164    | 45.169 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.622 | 169  | 497854   | 43.698 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.992 | 248  | 180581   | 42.751 | ng    | 93       |
| 68) Hexachlorobenzene         | 11.069 | 284  | 200456   | 44.025 | ng    | 100      |
| 69) Atrazine                  | 11.151 | 200  | 164883   | 56.064 | ng    | 98       |
| 70) Pentachlorophenol         | 11.269 | 266  | 192156   | 92.148 | ng    | 99       |
| 71) Phenanthrene              | 11.480 | 178  | 823531   | 43.439 | ng    | 100      |
| 72) Anthracene                | 11.533 | 178  | 852816   | 44.404 | ng    | 100      |
| 73) Carbazole                 | 11.686 | 167  | 728699   | 46.304 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.010 | 149  | 852762   | 58.086 | ng    | 99       |
| 75) Fluoranthene              | 12.669 | 202  | 803075   | 47.208 | ng    | 99       |
| 77) Benzidine                 | 12.786 | 184  | 258033   | 49.987 | ng    | 98       |
| 78) Pyrene                    | 12.898 | 202  | 791447   | 45.402 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.510 | 149  | 264231   | 55.486 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.086 | 228  | 626650   | 45.930 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.045 | 252  | 112759   | 28.859 | ng    | 96       |
| 83) Chrysene                  | 14.127 | 228  | 538557   | 43.925 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.069 | 149  | 311892   | 43.002 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.680 | 149  | 529652   | 39.419 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.133 | 276  | 673168   | 44.930 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.157 | 252  | 528666   | 45.616 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.186 | 252  | 523881   | 47.211 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.533 | 252  | 512150   | 47.608 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.145 | 278  | 545393   | 45.452 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.598 | 276  | 550013   | 46.097 | ng    | 98       |

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

## Manual Integrations

Quant Time: Aug 22 11:54:06 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
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QLast Update : Thu Aug 21 06:12:21 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.928 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

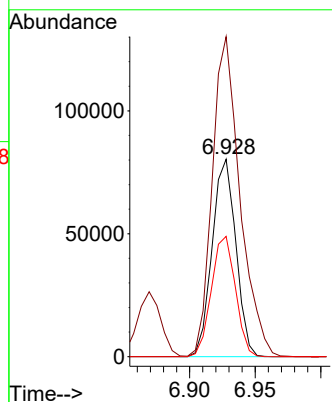
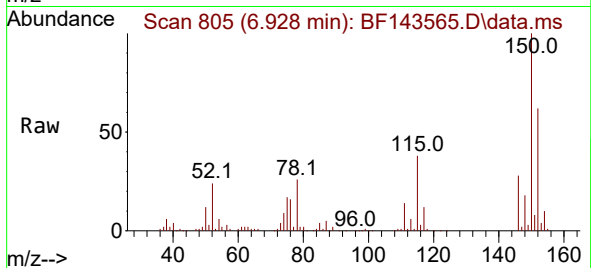
ClientSampleId :

PB169330BS

Tgt Ion:152 Resp: 101018  
Ion Ratio Lower Upper  
152 100  
150 162.1 128.9 193.3  
115 61.0 49.2 73.8

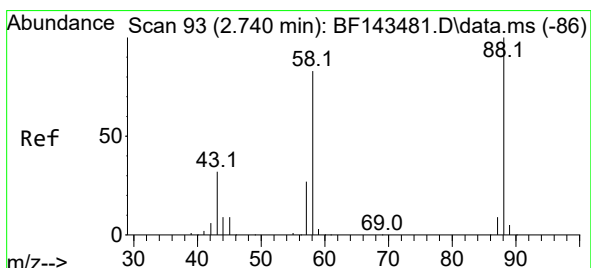
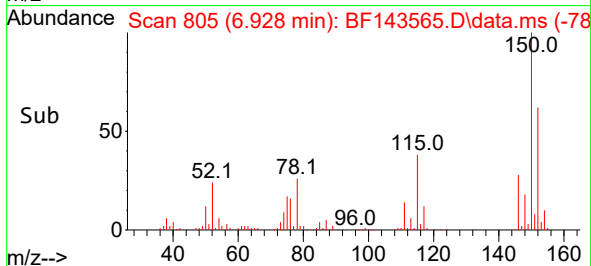
Manual Integrations  
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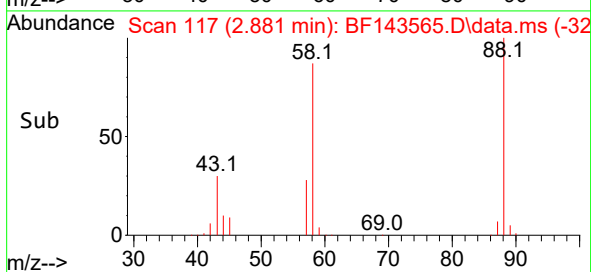
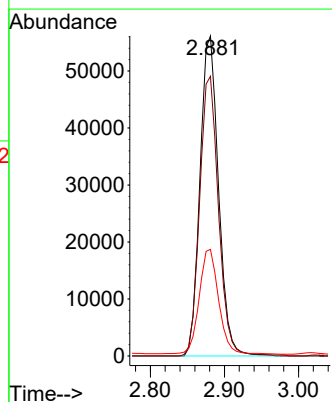
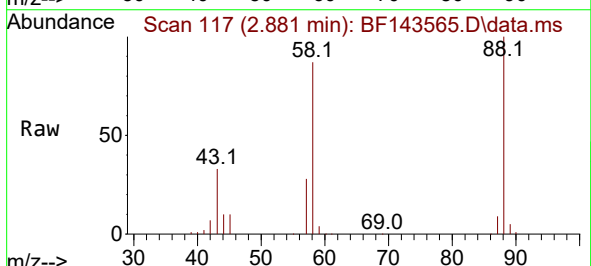
08/25/2025  
Supervised By :Jagrut  
Upadhyay

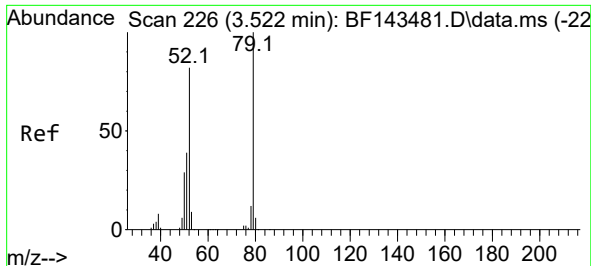
08/25/2025



#2  
1,4-Dioxane  
Concen: 36.329 ng  
RT: 2.881 min Scan# 117  
Delta R.T. 0.147 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Tgt Ion: 88 Resp: 97360  
Ion Ratio Lower Upper  
88 100  
58 89.2 66.7 100.1  
43 34.5 25.8 38.8





#3

Pyridine

Concen: 36.669 ng

RT: 3.628 min Scan# 244

Delta R.T. 0.112 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB169330BS

Tgt Ion: 79 Resp: 26174

Ion Ratio Lower Upper

79 100

52 83.5 65.6 98.4

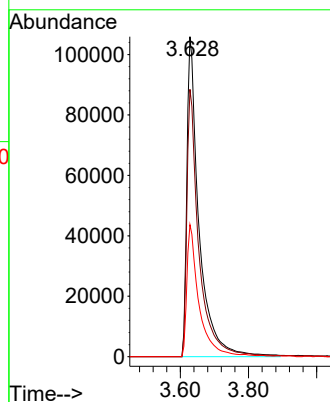
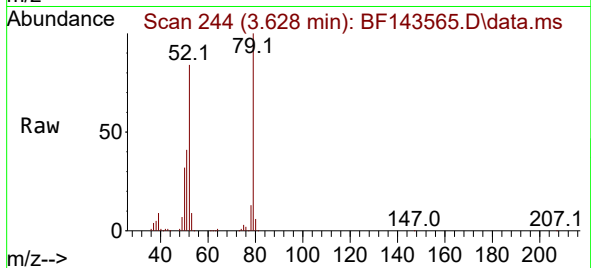
51 41.3 31.2 46.8

Manual Integrations

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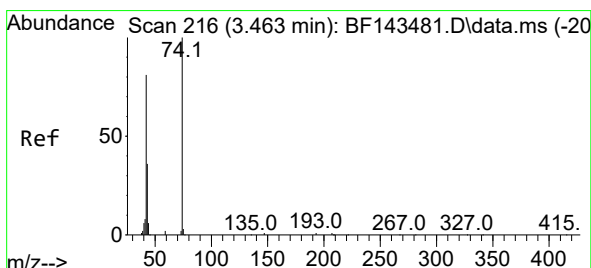
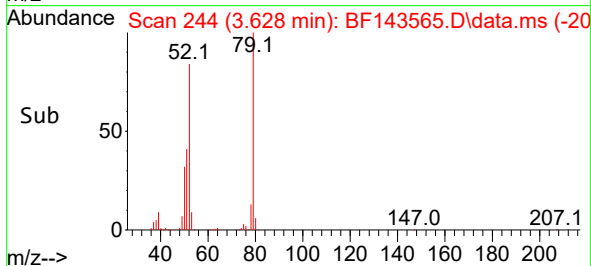
Supervised By :Jagrut Upadhyay 08/25/2025



08/25/2025

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08/25/2025



#4

n-Nitrosodimethylamine

Concen: 47.069 ng

RT: 3.575 min Scan# 235

Delta R.T. 0.100 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

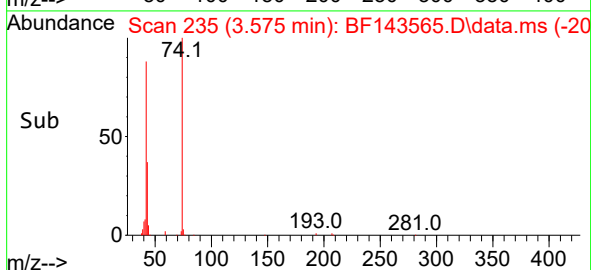
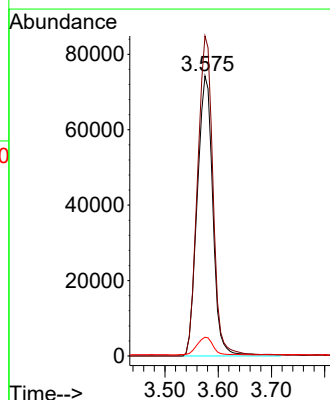
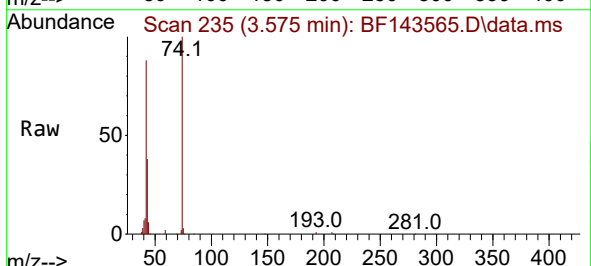
Tgt Ion: 42 Resp: 151034

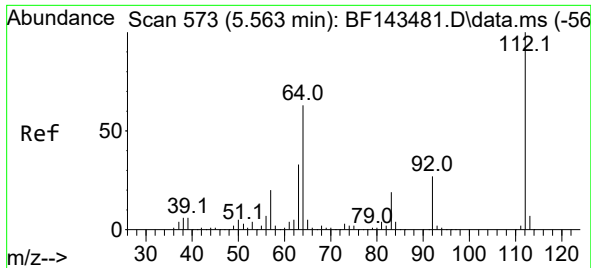
Ion Ratio Lower Upper

42 100

74 114.3 98.6 148.0

44 6.7 5.8 8.8





#5  
2-Fluorophenol  
Concen: 119.144 ng  
RT: 5.575 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

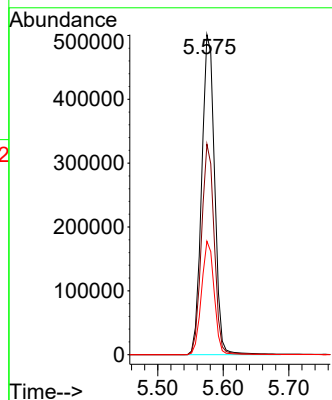
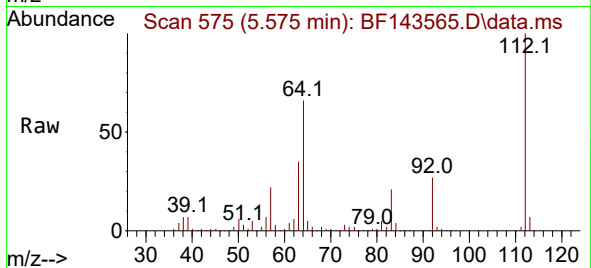
ClientSampleId :

PB169330BS

Tgt Ion:112 Resp: 68926  
Ion Ratio Lower Upper  
112 100  
64 65.8 50.4 75.6  
63 35.5 26.4 39.6

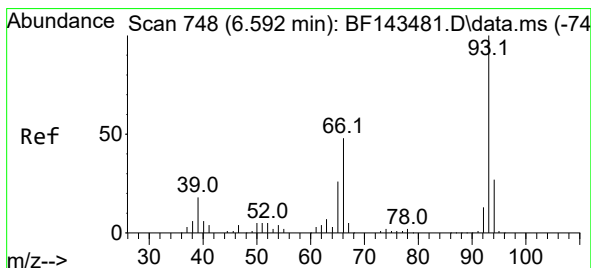
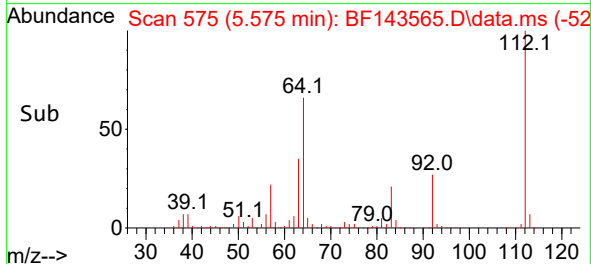
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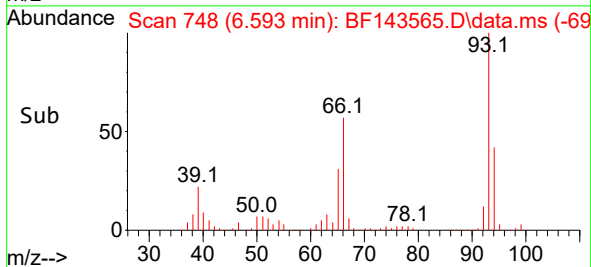
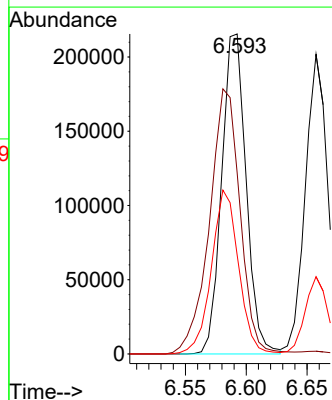
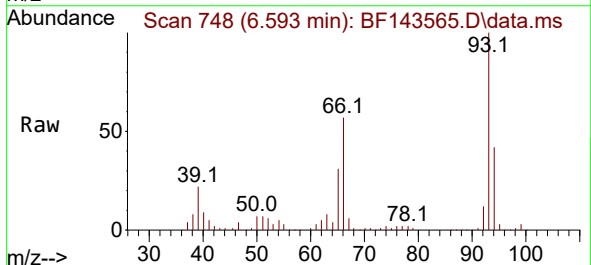
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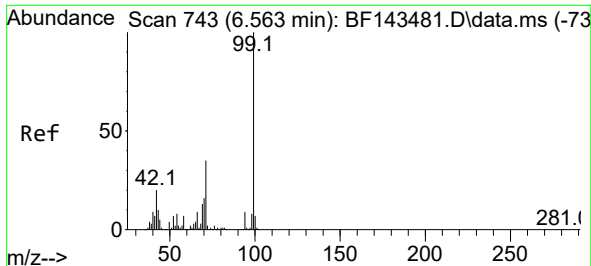
08/25/2025



#6  
Aniline  
Concen: 31.595 ng  
RT: 6.593 min Scan# 748  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

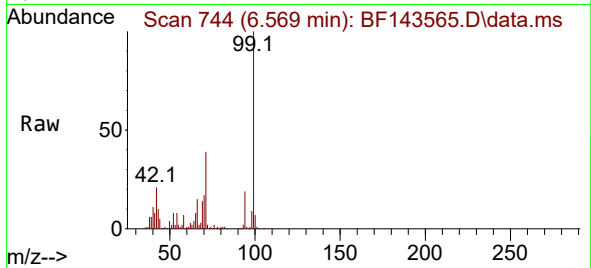
Tgt Ion: 93 Resp: 301594  
Ion Ratio Lower Upper  
93 100  
66 56.6 38.9 58.3  
65 30.9 20.6 30.8





#7  
Phenol-d6  
Concen: 119.616 ng  
RT: 6.569 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

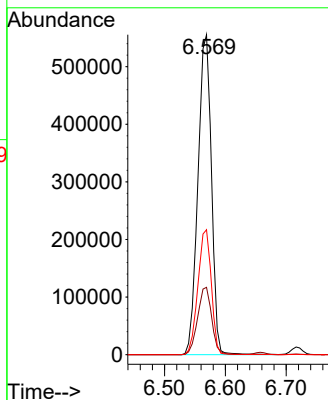
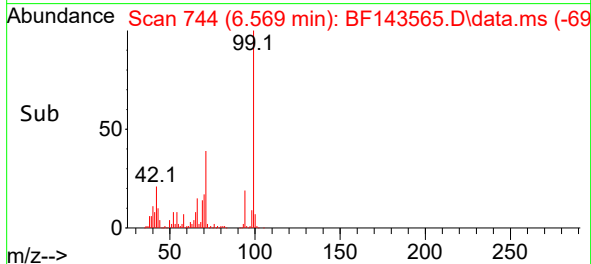
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion: 99 Resp: 854234  
Ion Ratio Lower Upper  
99 100  
42 21.0 16.3 24.5  
71 39.0 28.2 42.2

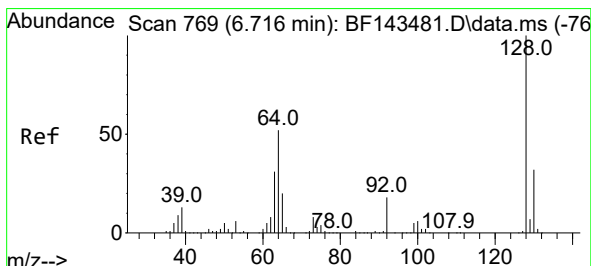
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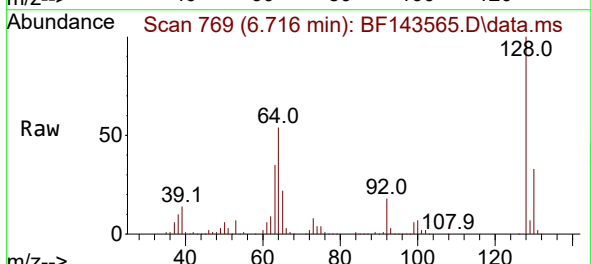


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Upadhyay

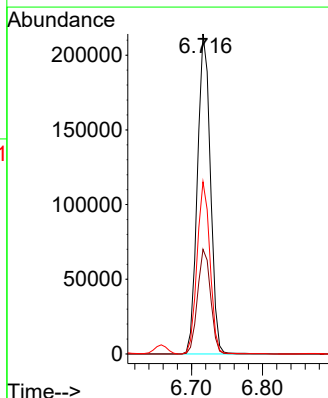
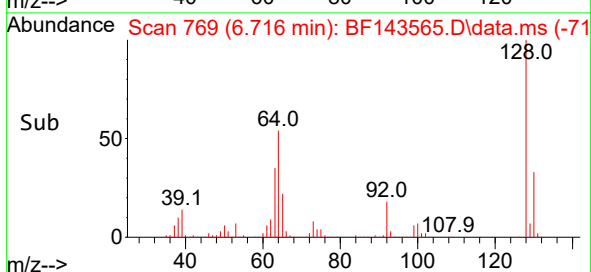
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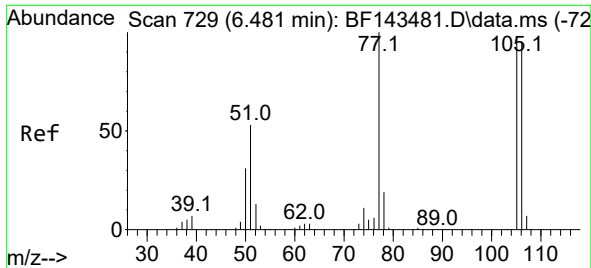


#8  
2-Chlorophenol  
Concen: 42.752 ng  
RT: 6.716 min Scan# 769  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



Tgt Ion:128 Resp: 273177  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.4 52.4  
64 53.8 31.6 71.6





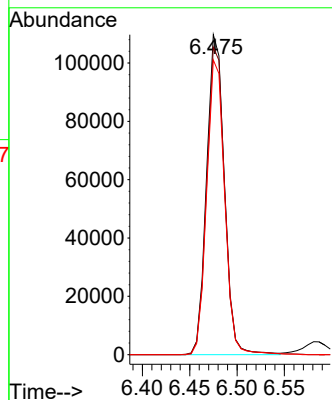
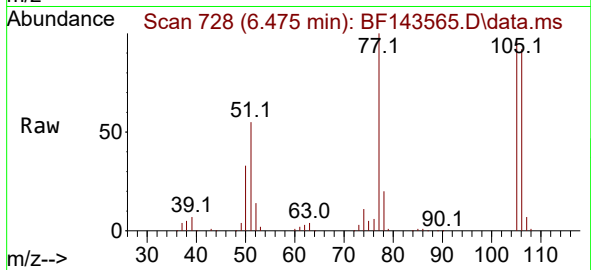
#9  
Benzaldehyde  
Concen: 24.667 ng  
RT: 6.475 min Scan# 729  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS

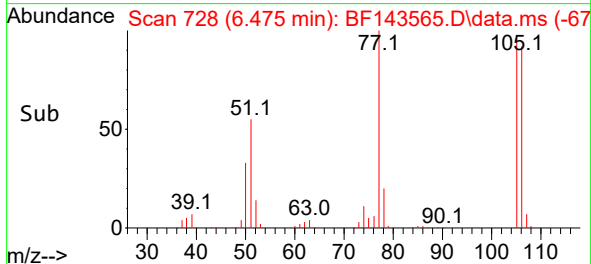
Tgt Ion: 77 Resp: 14262  
Ion Ratio Lower Upper  
77 100  
105 96.1 78.1 118.1  
106 92.1 74.9 114.9

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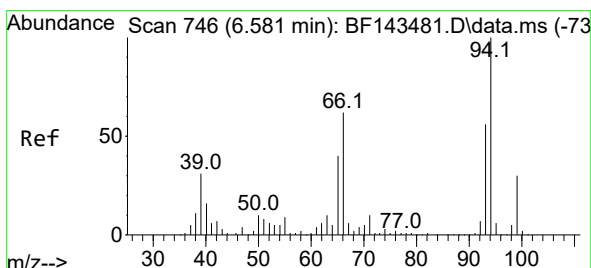
Reviewed By :Rahul Chavli 08/25/2025  
Supervised By :Jagrut Upadhyay 08/25/2025



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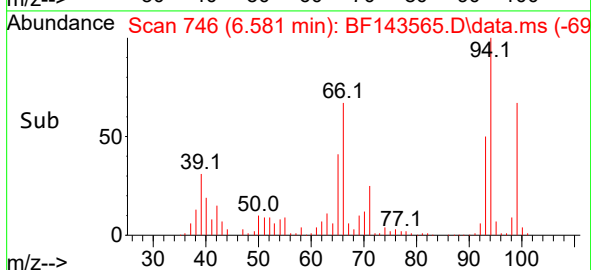
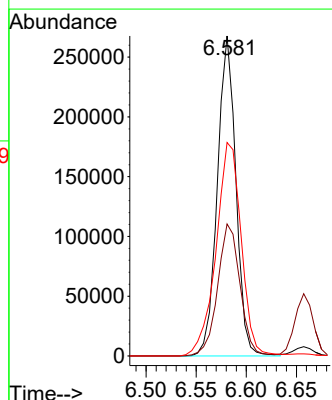
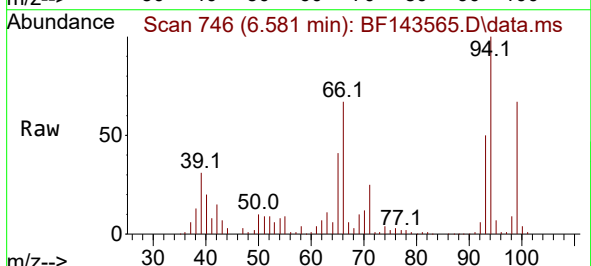


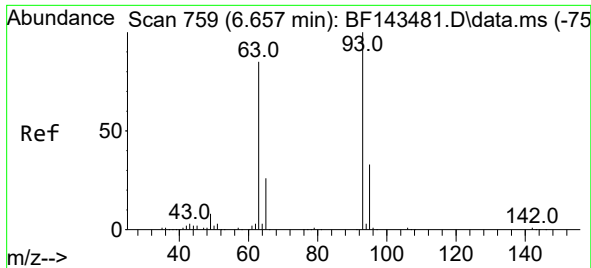
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#10  
Phenol  
Concen: 41.789 ng  
RT: 6.581 min Scan# 746  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Tgt Ion: 94 Resp: 343798  
Ion Ratio Lower Upper  
94 100  
65 41.2 19.5 59.5  
66 66.7 42.5 82.5





#11  
bis(2-Chloroethyl)ether  
Concen: 41.884 ng  
RT: 6.657 min Scan# 759  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

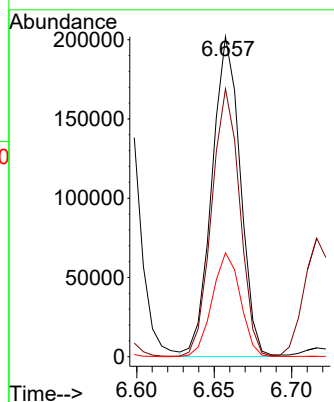
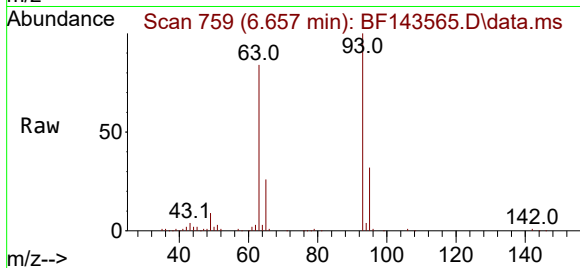
ClientSampleId :

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Tgt Ion: 93 Resp: 25749  
Ion Ratio Lower Upper  
93 100  
63 83.7 63.6 103.6  
95 32.5 12.8 52.8

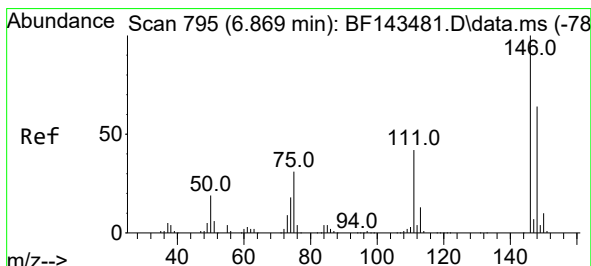
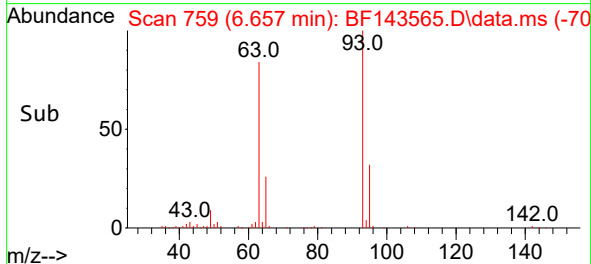
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Supervised By :Jagrut Upadhyay 08/25/2025



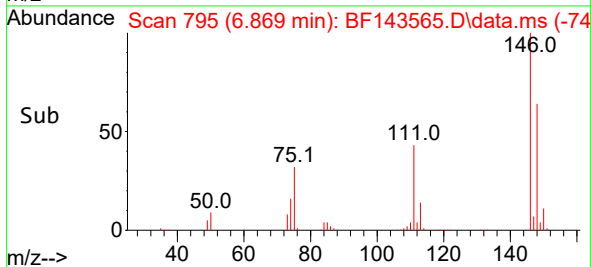
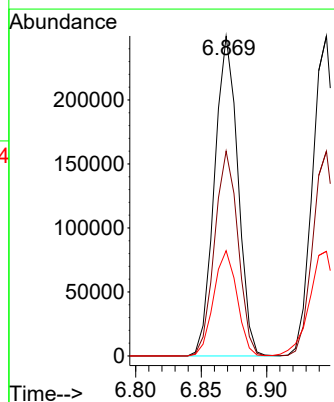
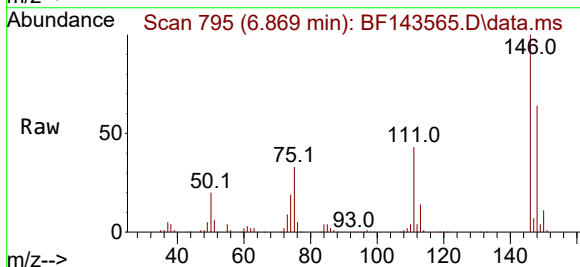
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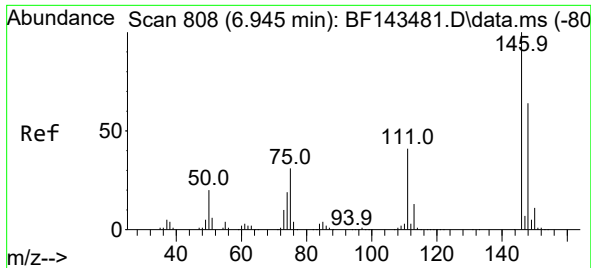
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#12  
1,3-Dichlorobenzene  
Concen: 43.162 ng  
RT: 6.869 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Tgt Ion:146 Resp: 309880  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.3 76.9  
75 33.0 24.7 37.1





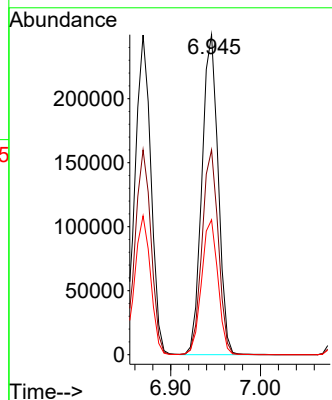
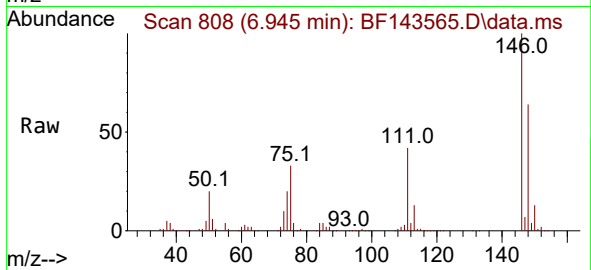
#13  
1,4-Dichlorobenzene  
Concen: 43.646 ng  
RT: 6.945 min Scan# 808  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS

Tgt Ion:146 Resp: 314330  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.5 77.3  
111 42.2 32.6 49.0

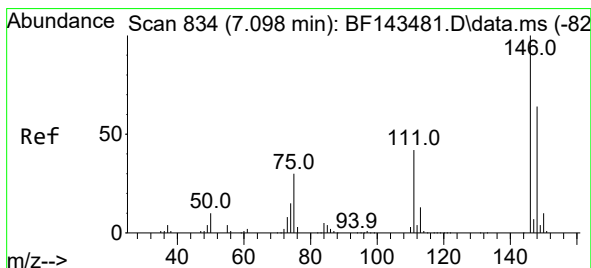
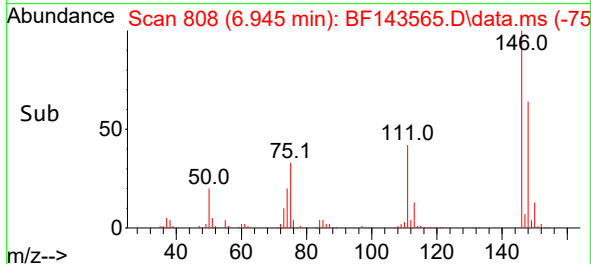
Manual Integrations  
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Supervised By :Jagrut Upadhyay 08/25/2025



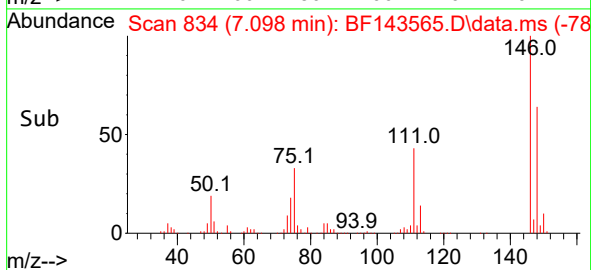
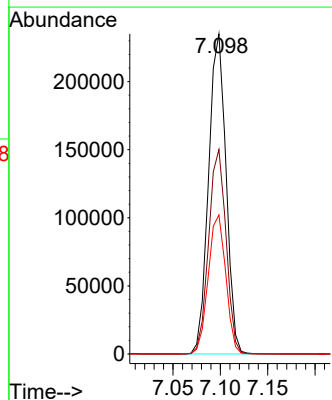
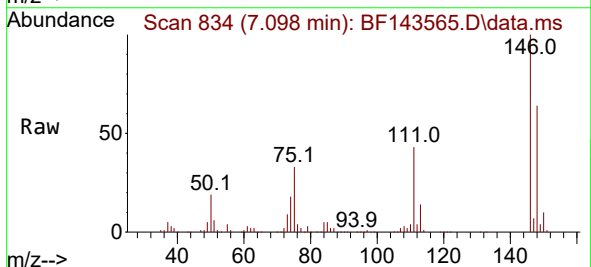
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Upadhyay

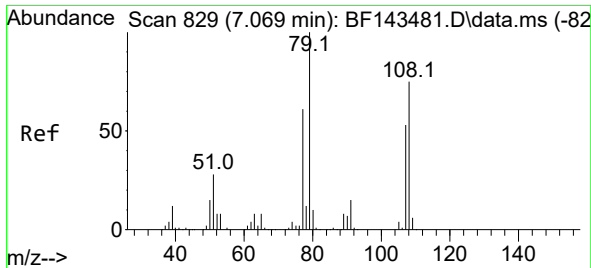
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#14  
1,2-Dichlorobenzene  
Concen: 44.151 ng  
RT: 7.098 min Scan# 834  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

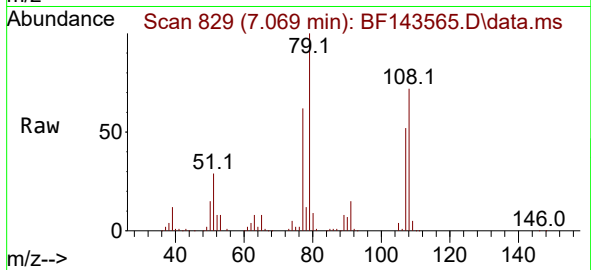
Tgt Ion:146 Resp: 301047  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.0 76.6  
111 43.5 34.0 51.0





#15  
Benzyl Alcohol  
Concen: 47.710 ng  
RT: 7.069 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

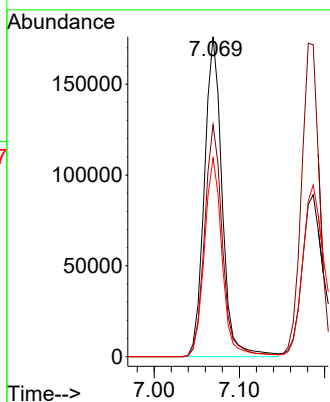
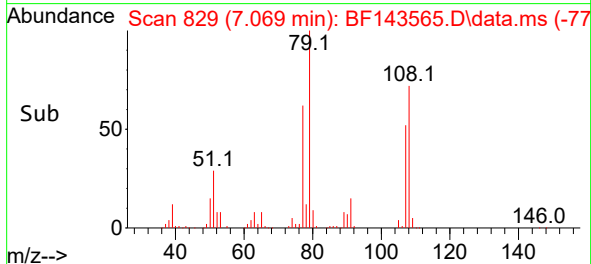
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion: 79 Resp: 25509  
Ion Ratio Lower Upper  
79 100  
108 72.4 59.8 89.6  
77 62.0 49.0 73.4

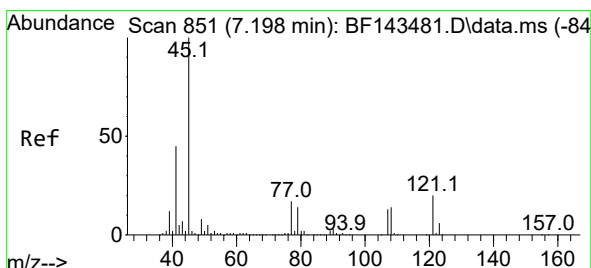
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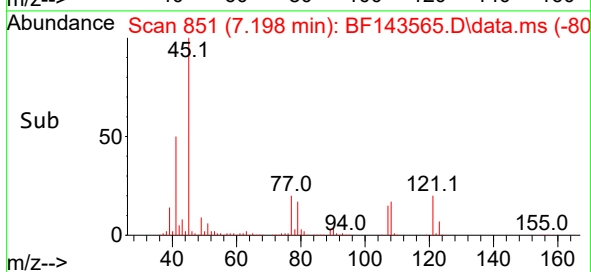
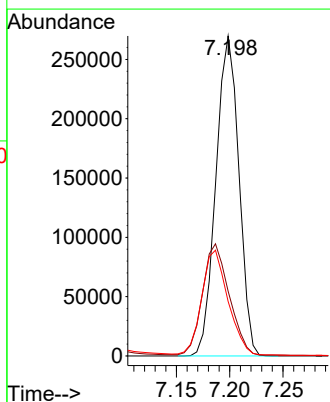
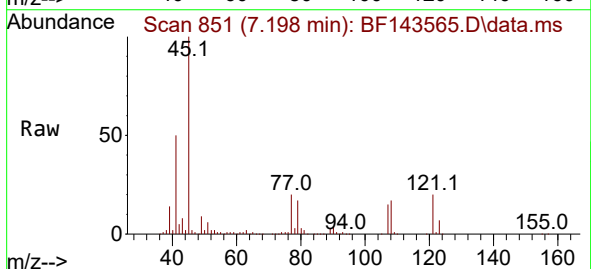
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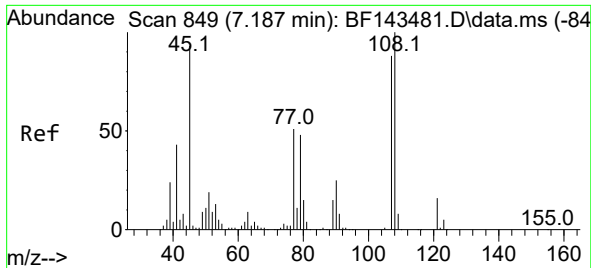
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.103 ng  
RT: 7.198 min Scan# 851  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Tgt Ion: 45 Resp: 404274  
Ion Ratio Lower Upper  
45 100  
77 20.3 0.0 37.9  
79 17.0 0.0 34.7





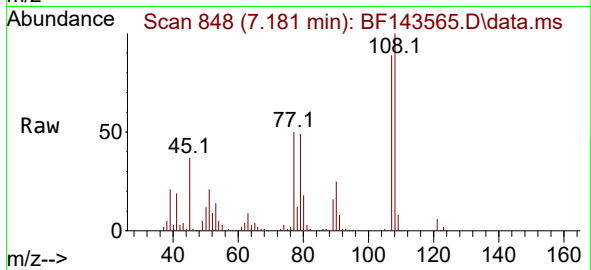
#17  
2-Methylphenol  
Concen: 44.193 ng  
RT: 7.181 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB169330BS



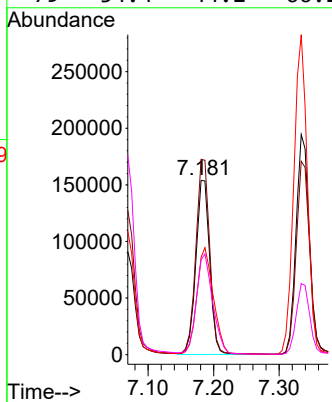
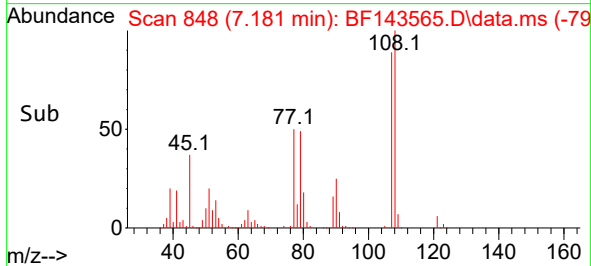
Tgt Ion:107 Resp: 226640  
Ion Ratio Lower Upper  
107 100  
108 112.1 91.1 136.7  
77 55.9 46.2 69.4  
79 54.4 44.2 66.2

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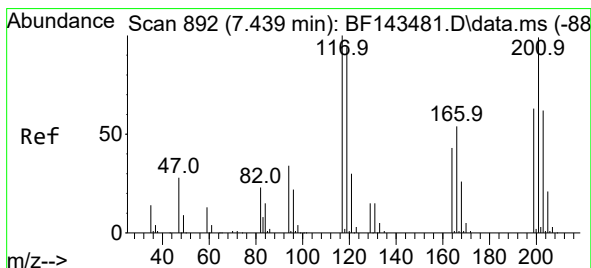
Reviewed By :Rahul Chavli 08/25/2025

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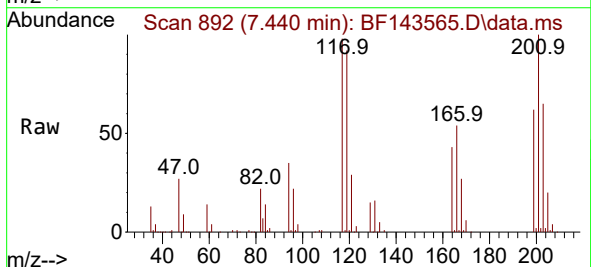


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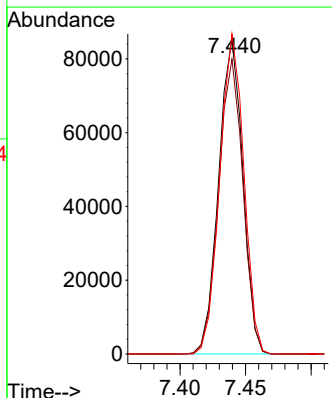
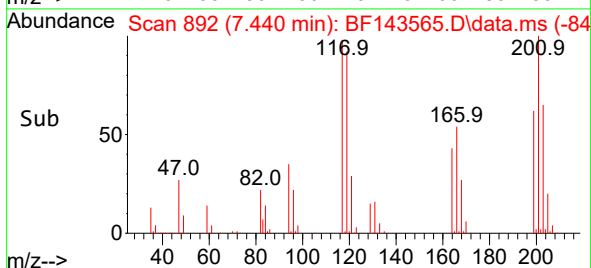
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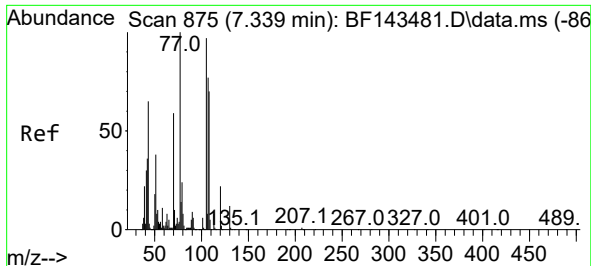


#18  
Hexachloroethane  
Concen: 44.758 ng  
RT: 7.440 min Scan# 892  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



Tgt Ion:117 Resp: 109593  
Ion Ratio Lower Upper  
117 100  
119 93.6 75.4 113.0  
201 101.6 79.0 118.4





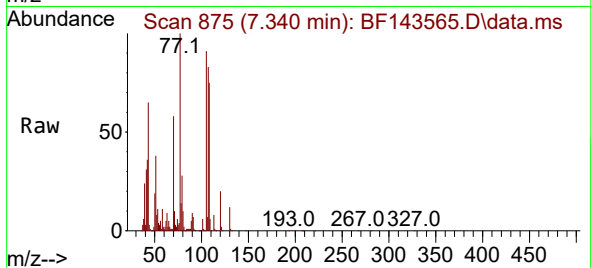
#19  
n-Nitroso-di-n-propylamine  
Concen: 46.185 ng  
RT: 7.340 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB169330BS

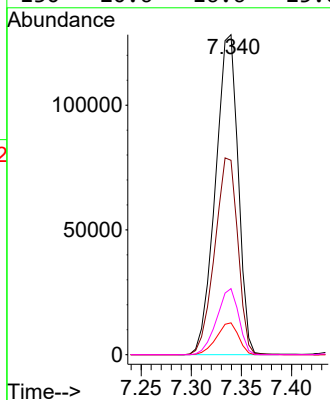
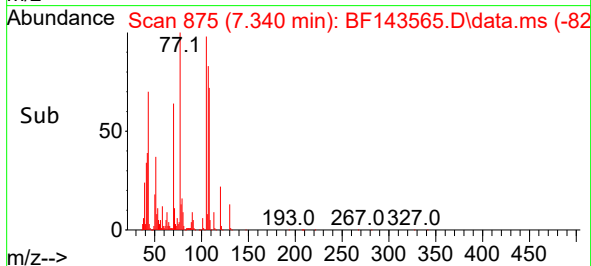


Tgt Ion: 70 Resp: 20159  
Ion Ratio Lower Upper  
70 100  
42 60.8 49.3 73.9  
101 10.0 7.8 11.8  
130 20.6 16.6 25.0

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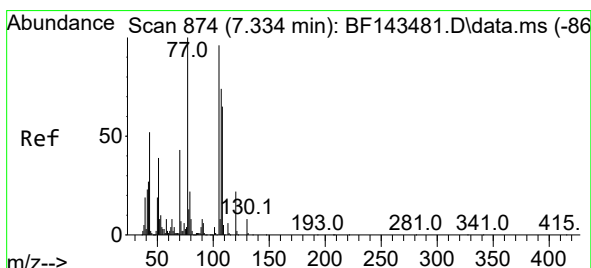
Reviewed By :Rahul Chavli 08/25/2025

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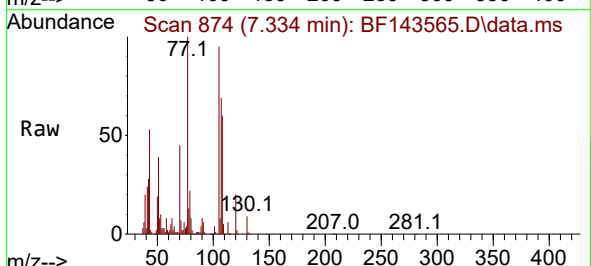


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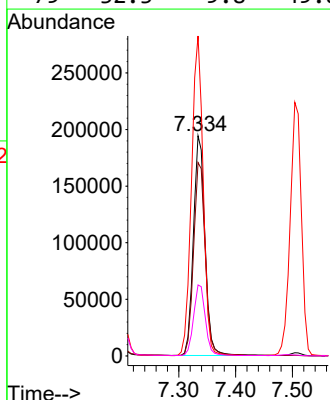
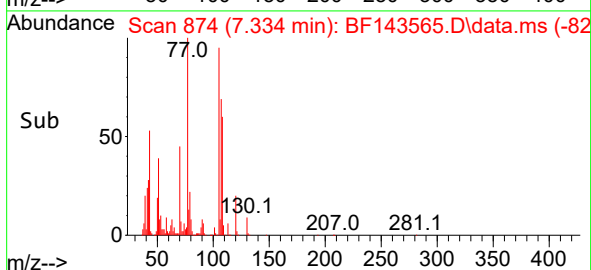
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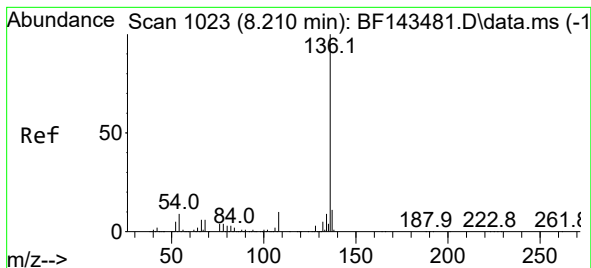


#20  
3+4-Methylphenols  
Concen: 45.000 ng  
RT: 7.334 min Scan# 874  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



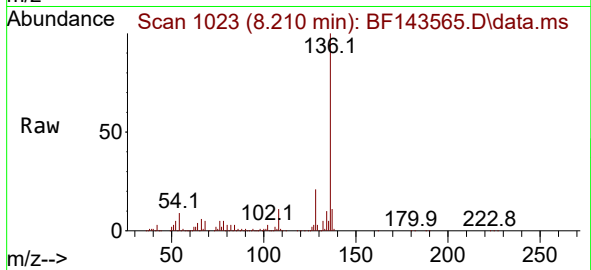
Tgt Ion:107 Resp: 275497  
Ion Ratio Lower Upper  
107 100  
108 87.9 68.4 108.4  
77 145.4 116.1 156.1  
79 32.3 9.8 49.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.210 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

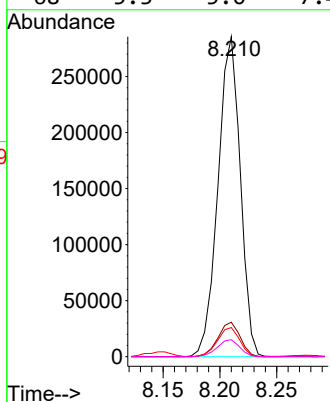
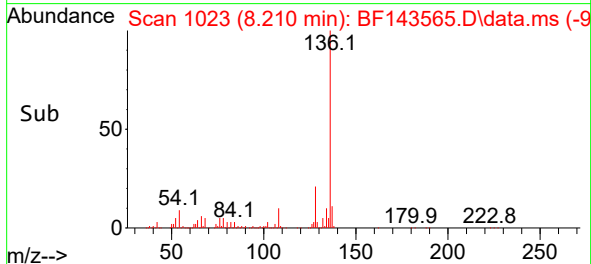
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion:136 Resp: 38985  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.0 13.4  
54 9.1 7.4 11.2  
68 5.3 5.0 7.4

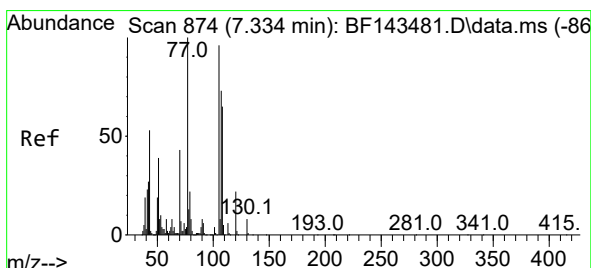
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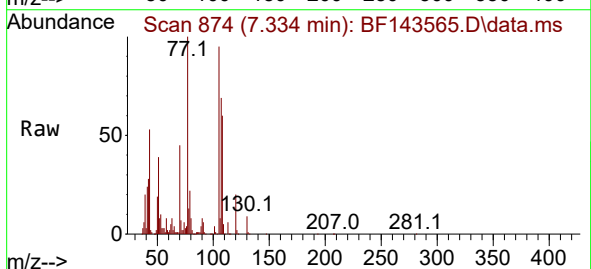


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Supervised By :Jagrut  
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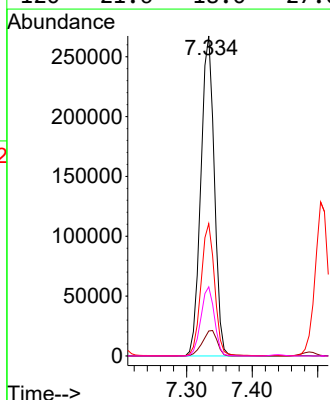
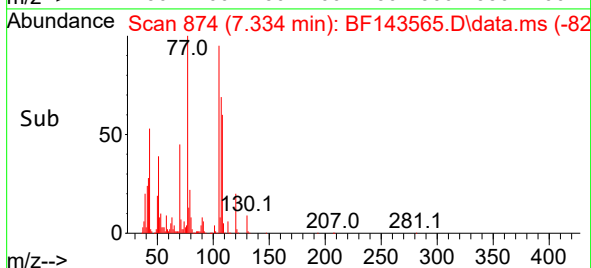
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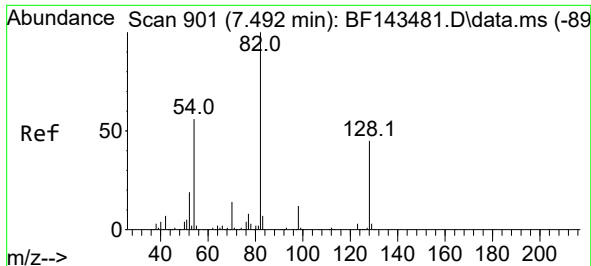


#22  
Acetophenone  
Concen: 45.625 ng  
RT: 7.334 min Scan# 874  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



Tgt Ion:105 Resp: 384279  
Ion Ratio Lower Upper  
105 100  
71 7.8 5.9 8.9  
51 41.4 32.5 48.7  
120 21.6 18.0 27.0





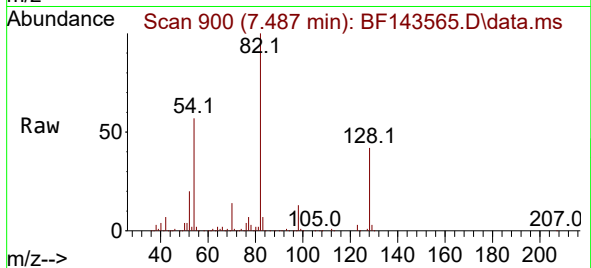
#23  
Nitrobenzene-d5  
Concen: 86.870 ng  
RT: 7.487 min Scan# 901  
Delta R.T. -0.012 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

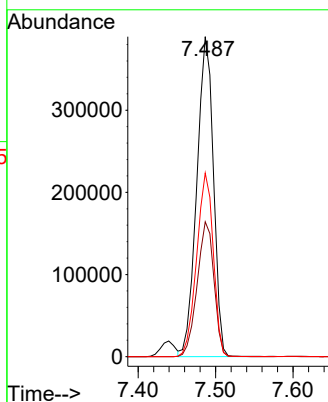
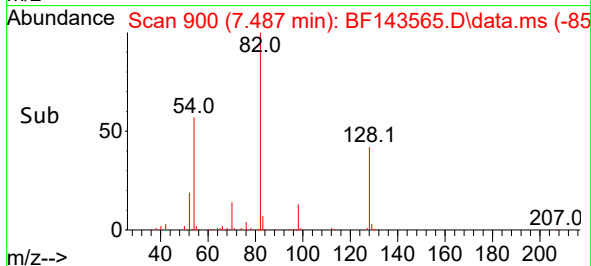
PB169330BS



Tgt Ion: 82 Resp: 58036  
Ion Ratio Lower Upper  
82 100  
128 42.1 35.5 53.3  
54 57.4 44.3 66.5

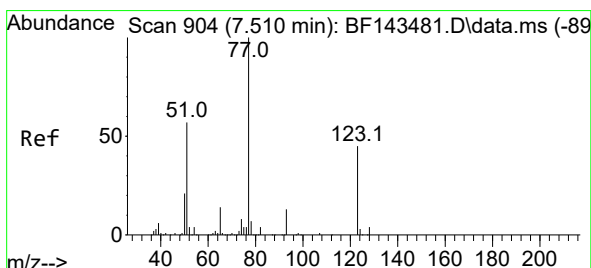
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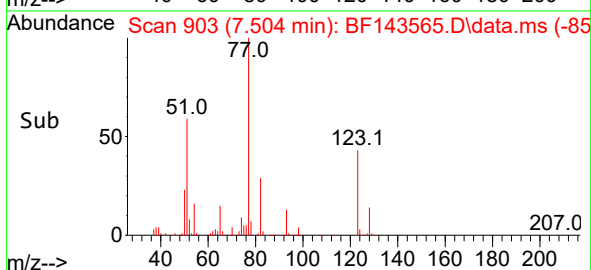
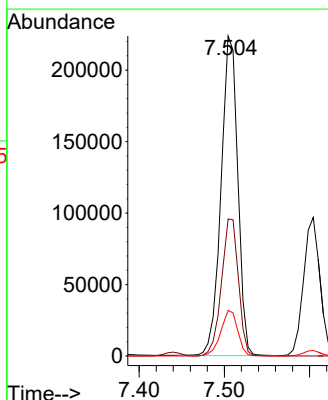
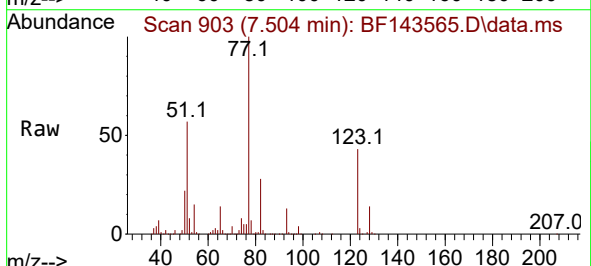
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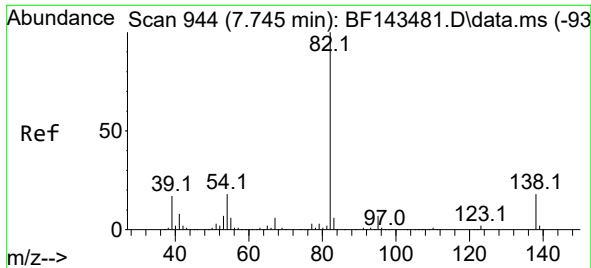
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#24  
Nitrobenzene  
Concen: 44.514 ng  
RT: 7.504 min Scan# 903  
Delta R.T. -0.012 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

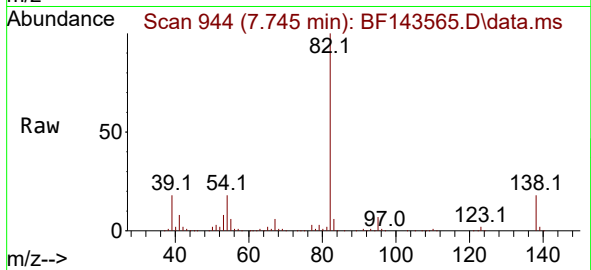
Tgt Ion: 77 Resp: 306080  
Ion Ratio Lower Upper  
77 100  
123 42.8 36.1 54.1  
65 14.3 11.0 16.6





#25  
Isophorone  
Concen: 45.235 ng  
RT: 7.745 min Scan# 944  
Delta R.T. -0.012 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

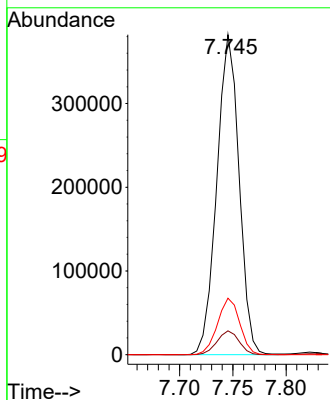
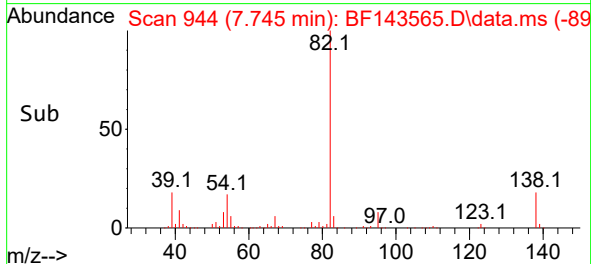
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion: 82 Resp: 553969  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.8 8.8  
138 17.6 14.2 21.4

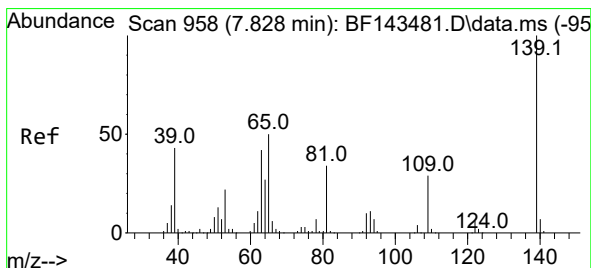
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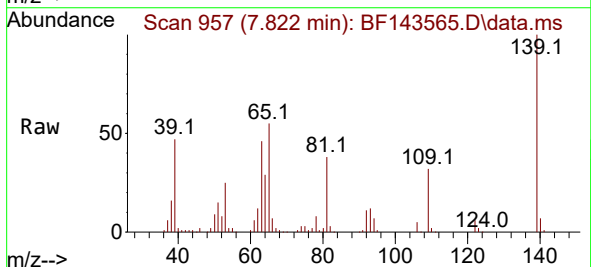


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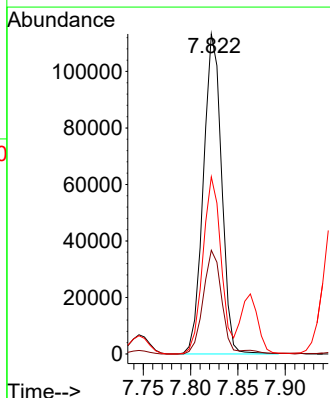
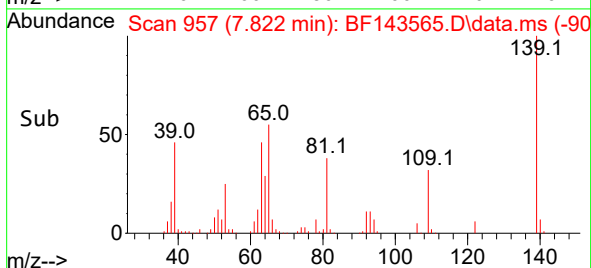
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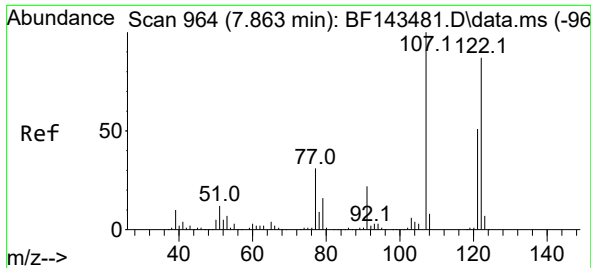


#26  
2-Nitrophenol  
Concen: 44.950 ng  
RT: 7.822 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



Tgt Ion:139 Resp: 151400  
Ion Ratio Lower Upper  
139 100  
109 32.4 23.0 34.6  
65 55.4 40.3 60.5





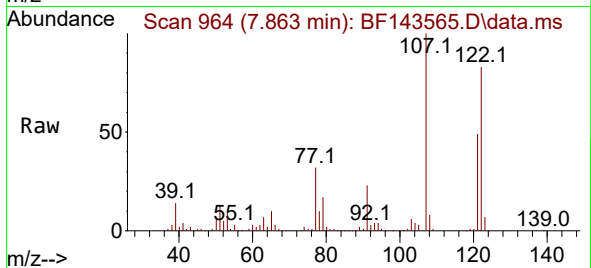
#27  
2,4-Dimethylphenol  
Concen: 46.287 ng m  
RT: 7.863 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

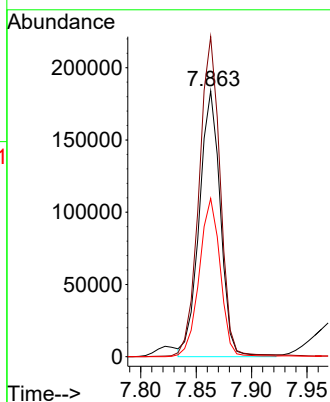
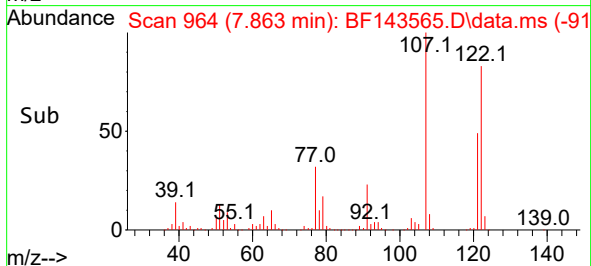
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Tgt Ion:122 Resp: 24303  
Ion Ratio Lower Upper  
122 100  
107 120.4 91.5 137.3  
121 59.5 47.0 70.4

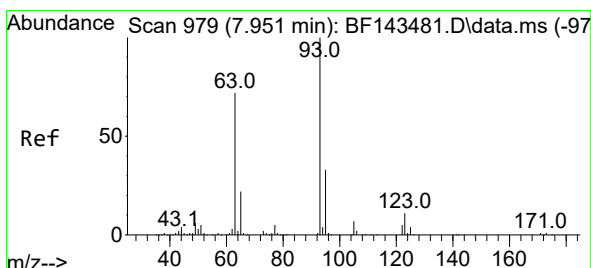
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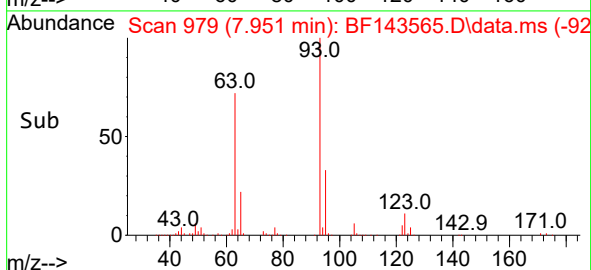
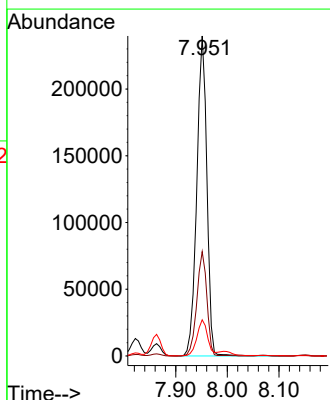
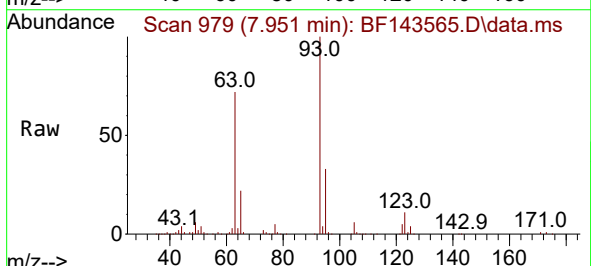
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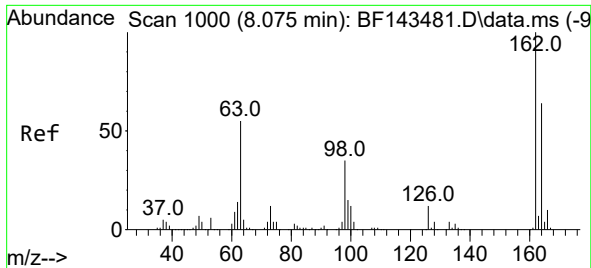
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#28  
bis(2-Chloroethoxy)methane  
Concen: 43.248 ng  
RT: 7.951 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Tgt Ion: 93 Resp: 325495  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.0 39.0  
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.029 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143565.D

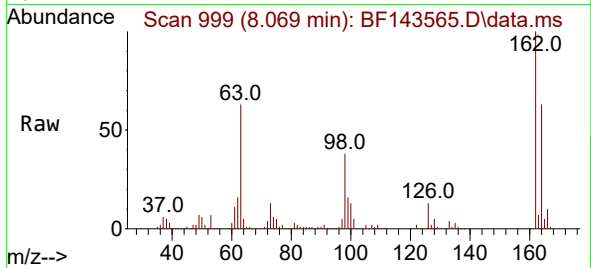
Acq: 22 Aug 2025 11:27

Instrument :

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ClientSampleId :

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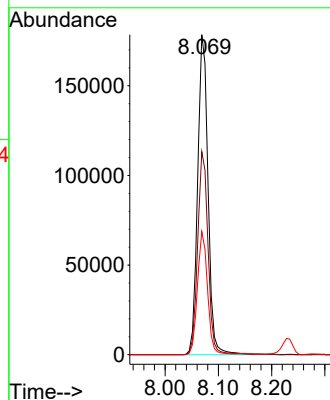
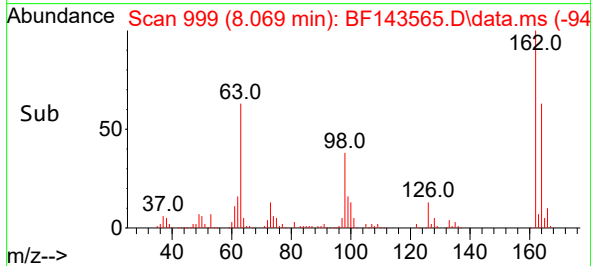
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 24129 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 63.4  | 43.5  | 83.5  |
| 98        | 38.5  | 15.1  | 55.1  |

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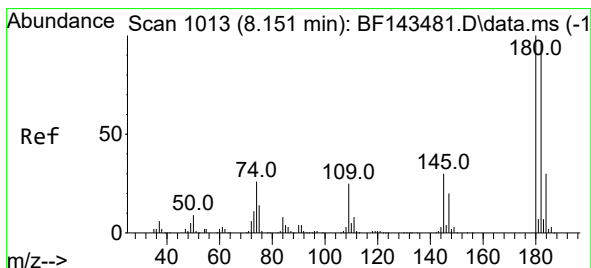
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#30

1,2,4-Trichlorobenzene

Concen: 45.287 ng

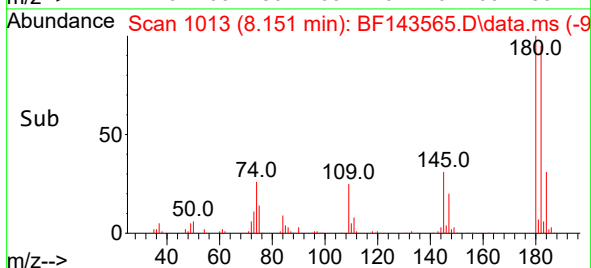
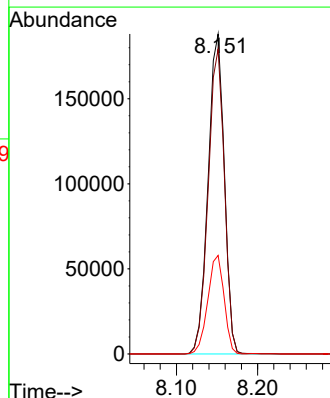
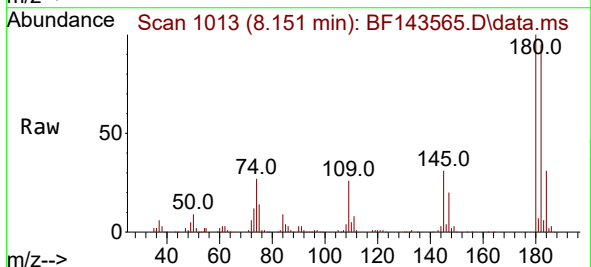
RT: 8.151 min Scan# 1013

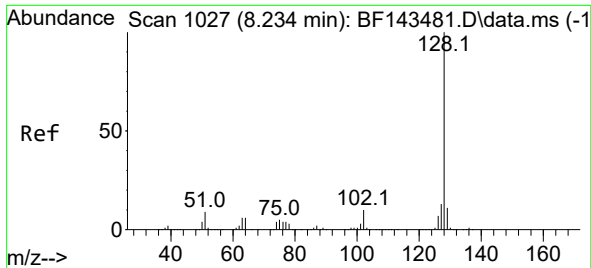
Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

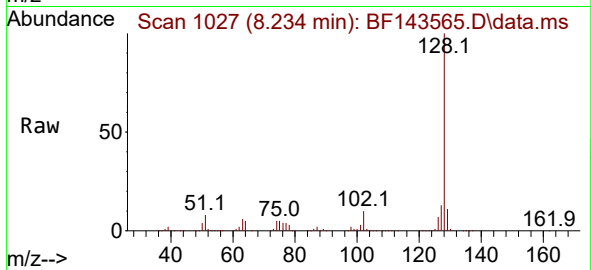
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 261097 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.2  | 76.6  | 114.8  |
| 145       | 30.8  | 24.3  | 36.5   |





#31  
Naphthalene  
Concen: 42.191 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

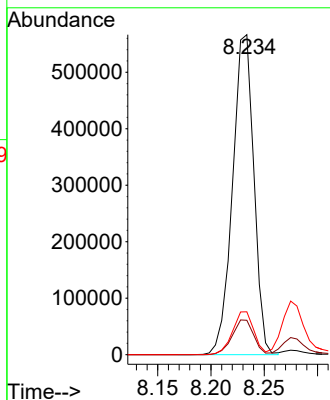
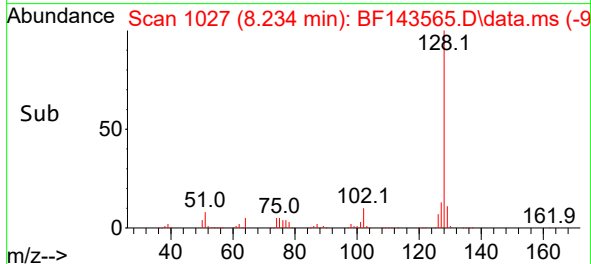
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:128 Resp: 789690  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.8 13.2  
127 13.4 10.6 16.0

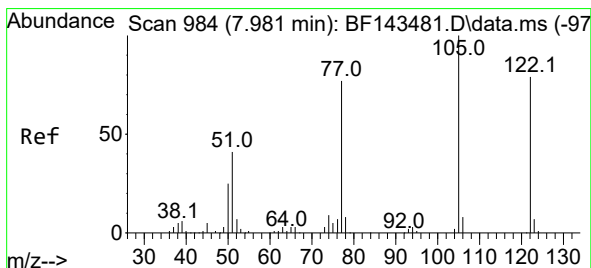
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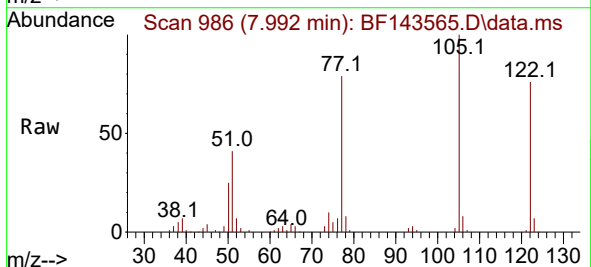


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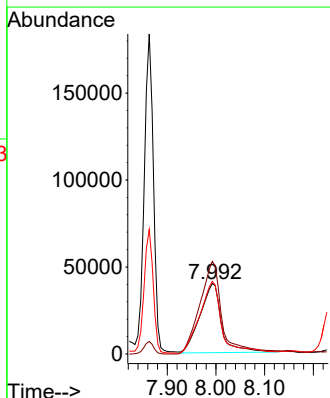
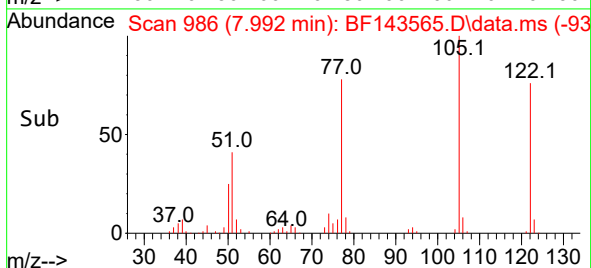
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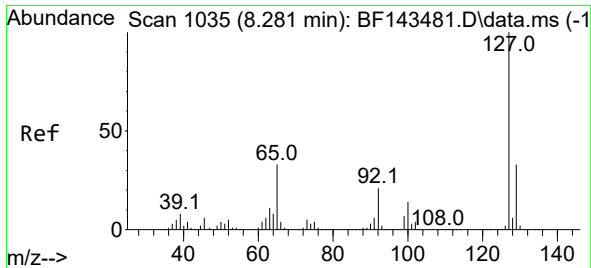


#32  
Benzoic acid  
Concen: 41.971 ng  
RT: 7.992 min Scan# 986  
Delta R.T. -0.018 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



Tgt Ion:122 Resp: 122802  
Ion Ratio Lower Upper  
122 100  
105 131.3 104.7 144.7  
77 103.1 77.3 117.3





#33  
4-Chloroaniline  
Concen: 21.996 ng  
RT: 8.275 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB169330BS

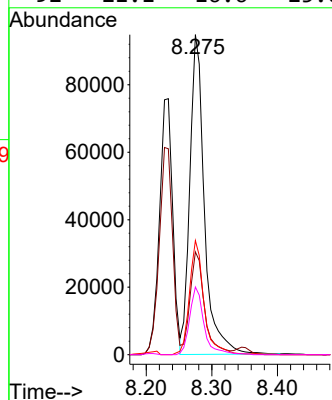
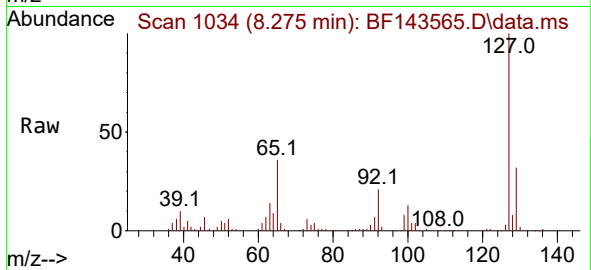
Tgt Ion:127 Resp: 146125  
Ion Ratio Lower Upper  
127 100  
129 32.1 26.1 39.1  
65 35.7 26.2 39.2  
92 21.1 16.6 25.0

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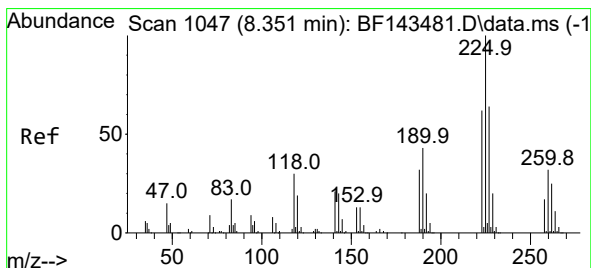
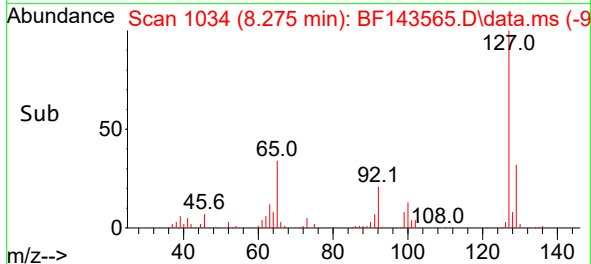
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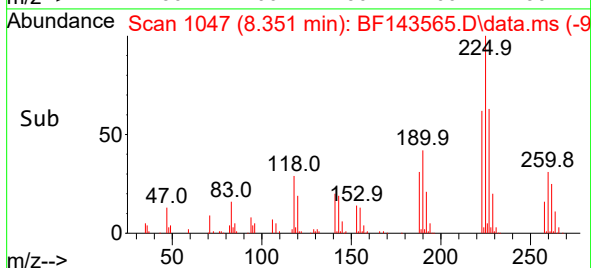
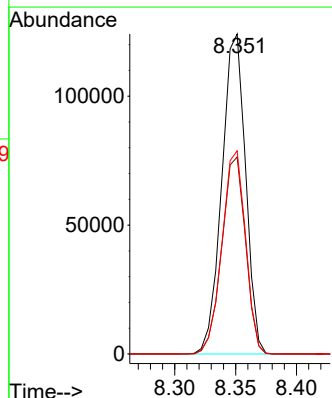
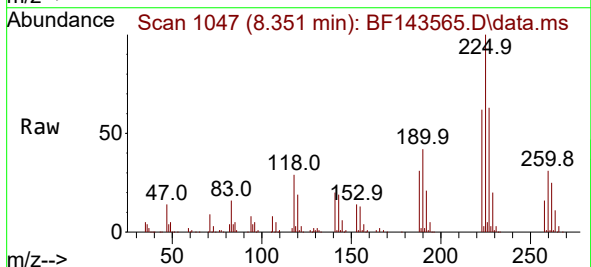
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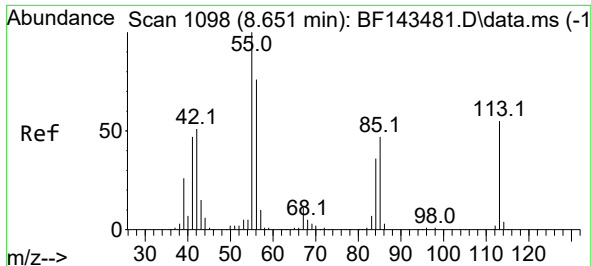
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#34  
Hexachlorobutadiene  
Concen: 44.803 ng  
RT: 8.351 min Scan# 1047  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

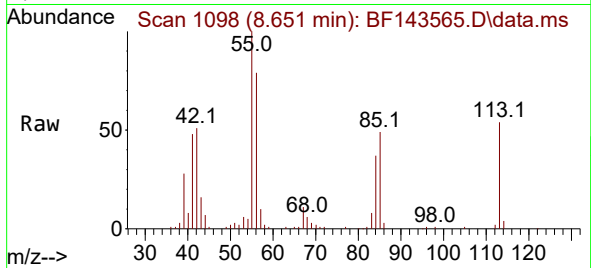
Tgt Ion:225 Resp: 168525  
Ion Ratio Lower Upper  
225 100  
223 61.6 49.9 74.9  
227 63.5 50.9 76.3





#35  
Caprolactam  
Concen: 55.068 ng m  
RT: 8.651 min Scan# 1098  
Delta R.T. -0.023 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

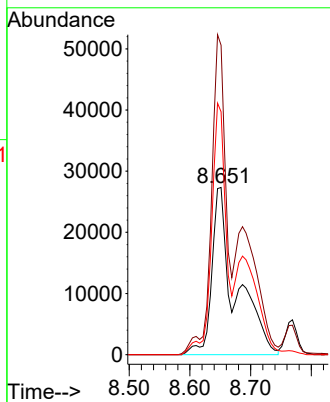
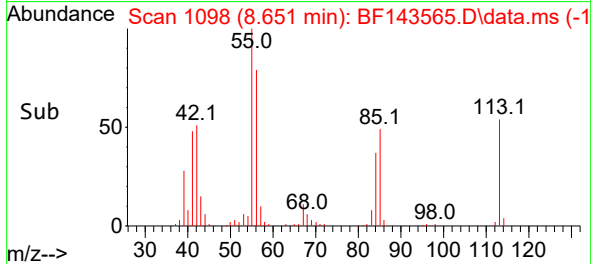
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion:113 Resp: 74100  
Ion Ratio Lower Upper  
113 100  
55 185.0 162.8 202.8  
56 145.3 118.1 158.1

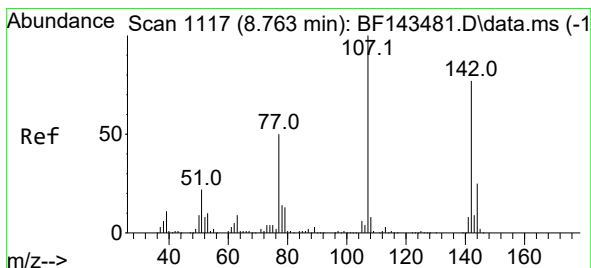
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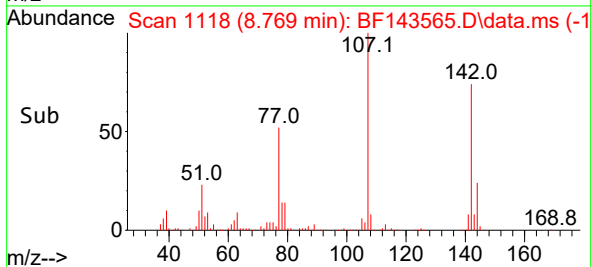
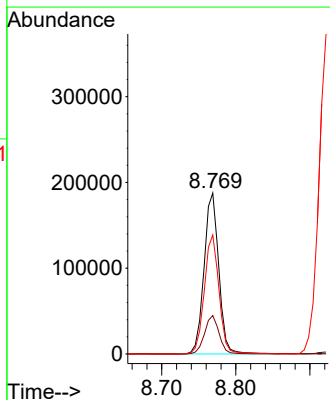
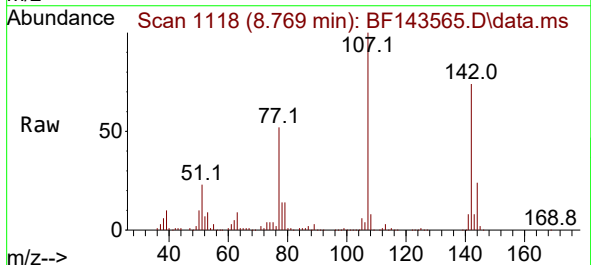
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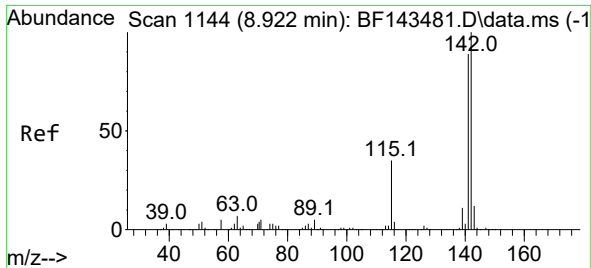
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#36  
4-Chloro-3-methylphenol  
Concen: 46.128 ng  
RT: 8.769 min Scan# 1118  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Tgt Ion:107 Resp: 259225  
Ion Ratio Lower Upper  
107 100  
144 23.8 19.9 29.9  
142 73.9 61.8 92.8





#37  
2-Methylnaphthalene  
Concen: 39.296 ng  
RT: 8.922 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

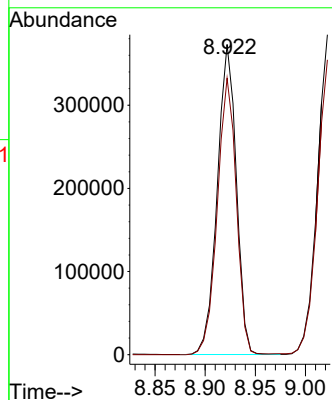
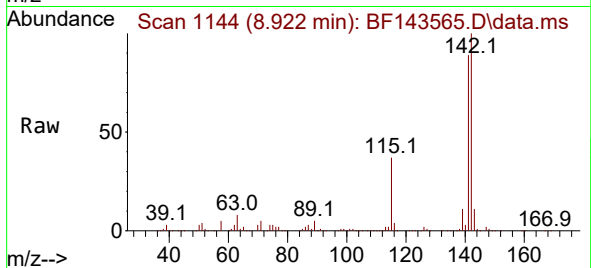
ClientSampleId :

PB169330BS

Tgt Ion:142 Resp: 491239  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.0 106.4

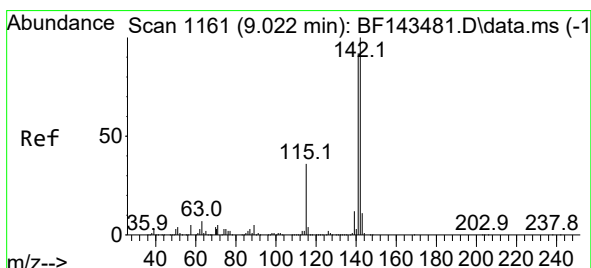
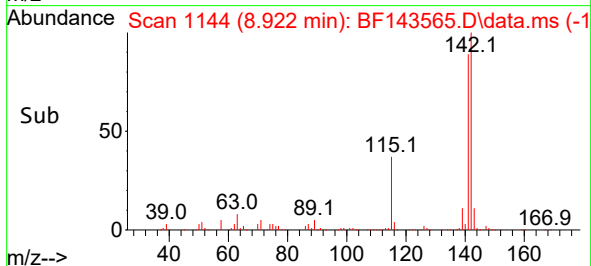
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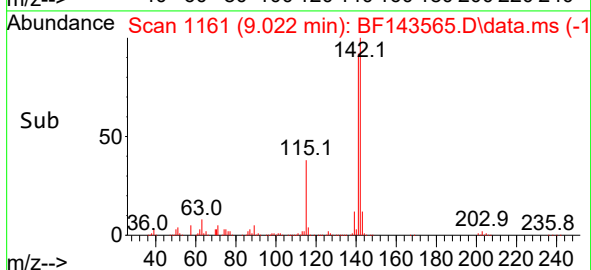
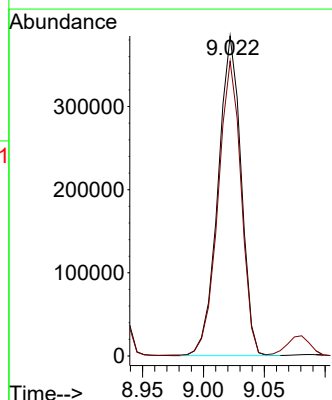
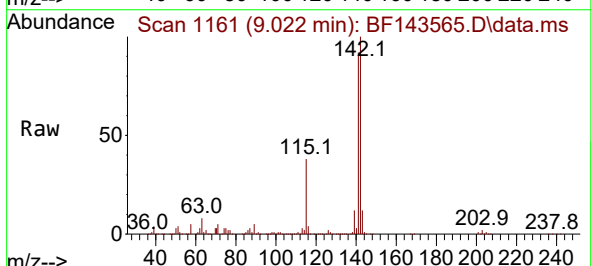
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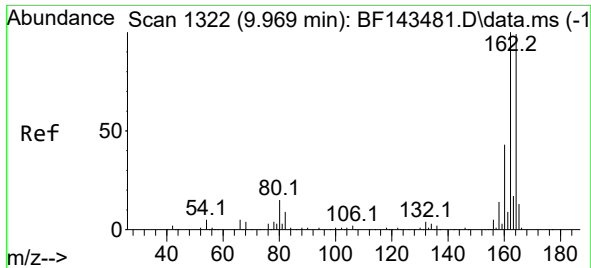
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#38  
1-Methylnaphthalene  
Concen: 42.389 ng  
RT: 9.022 min Scan# 1161  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Tgt Ion:142 Resp: 506880  
Ion Ratio Lower Upper  
142 100  
141 92.2 73.3 109.9





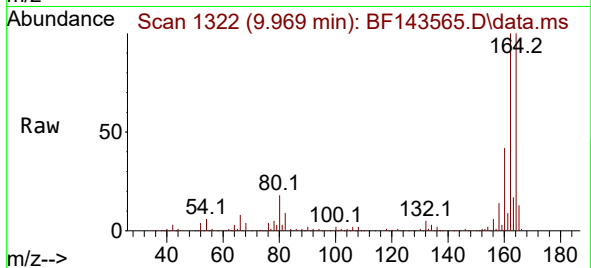
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.969 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

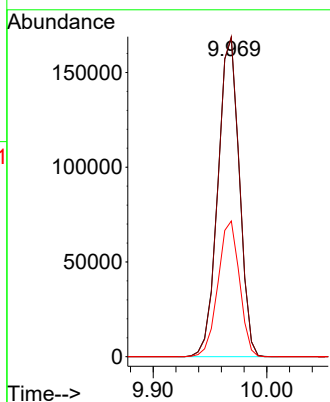
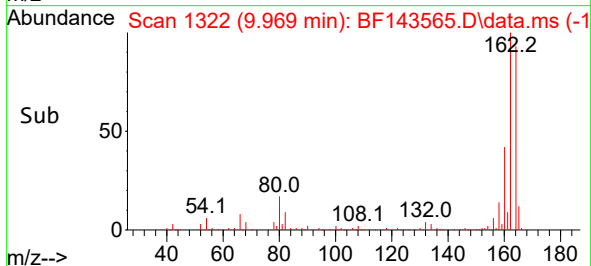
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Tgt Ion:164 Resp: 220374  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.5 120.7  
160 42.6 34.3 51.5

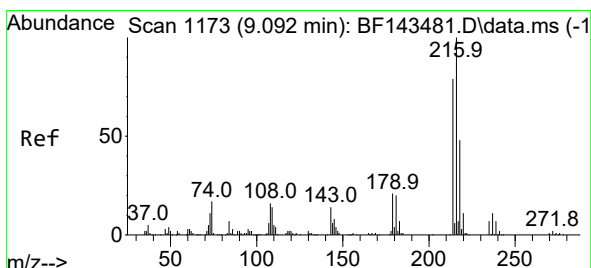
Manual Integrations  
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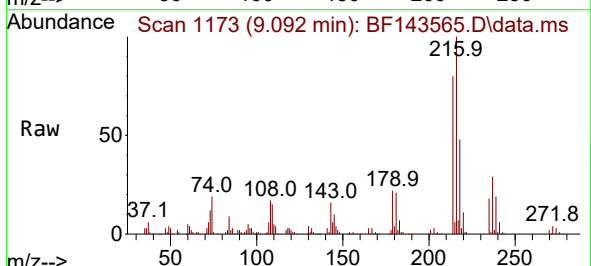


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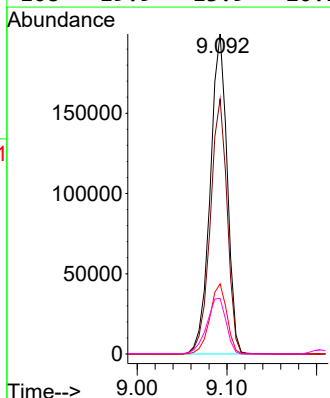
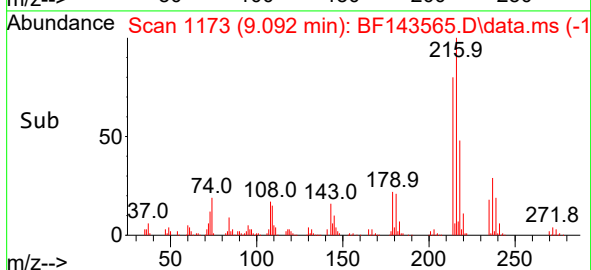
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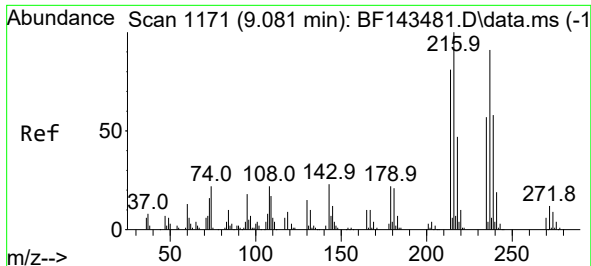


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.466 ng  
RT: 9.092 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



Tgt Ion:216 Resp: 261384  
Ion Ratio Lower Upper  
216 100  
214 79.2 63.4 95.0  
179 22.0 16.5 24.7  
108 19.9 13.9 20.9





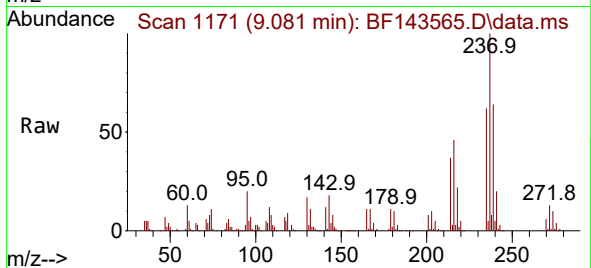
#41  
Hexachlorocyclopentadiene  
Concen: 105.766 ng  
RT: 9.081 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

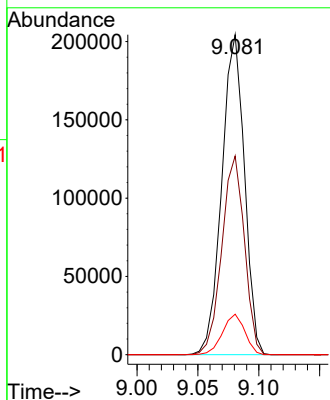
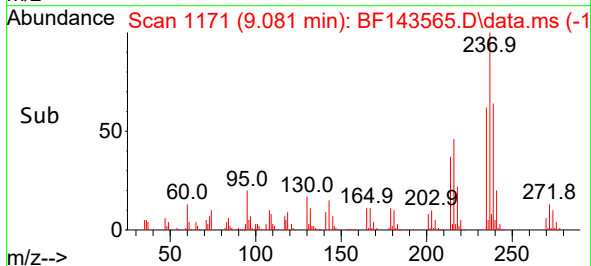
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Tgt Ion:237 Resp: 26457  
Ion Ratio Lower Upper  
237 100  
235 62.1 42.6 82.6  
272 12.6 0.0 33.4

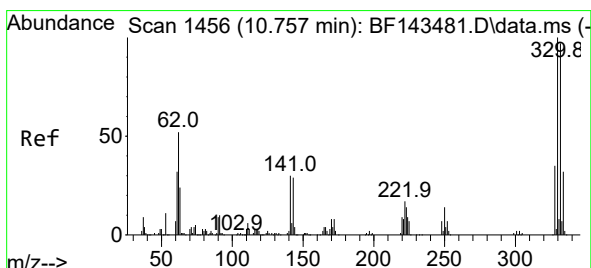
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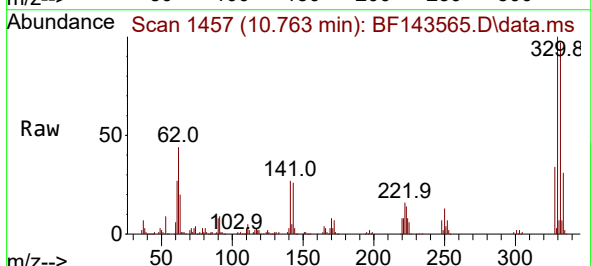


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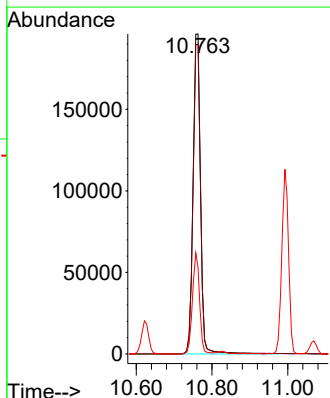
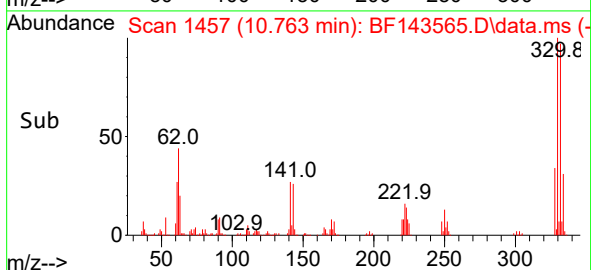
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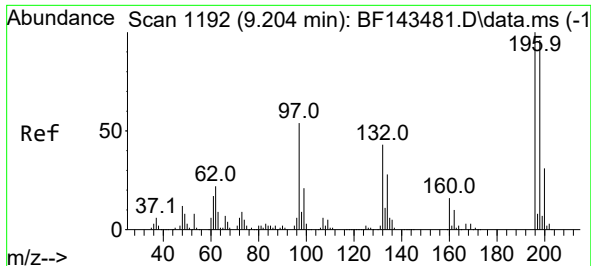


#42  
2,4,6-Tribromophenol  
Concen: 132.258 ng  
RT: 10.763 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



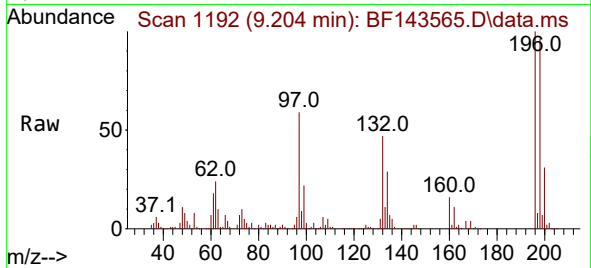
Tgt Ion:330 Resp: 271309  
Ion Ratio Lower Upper  
330 100  
332 96.6 78.0 117.0  
141 29.9 23.7 35.5





#43  
2,4,6-Trichlorophenol  
Concen: 42.791 ng  
RT: 9.204 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

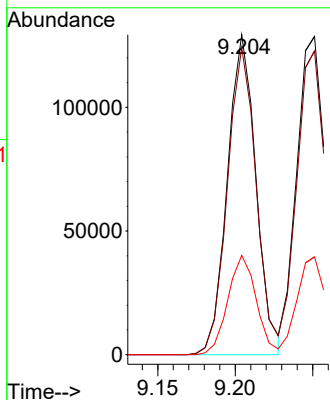
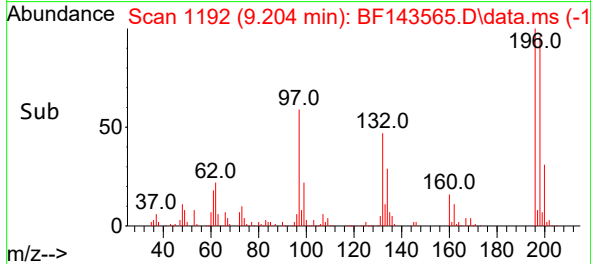
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion:196 Resp: 16597  
Ion Ratio Lower Upper  
196 100  
198 96.0 77.0 115.4  
200 31.0 24.6 37.0

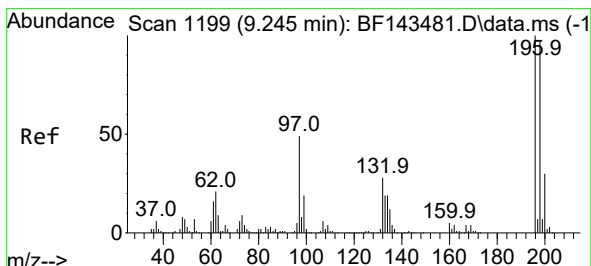
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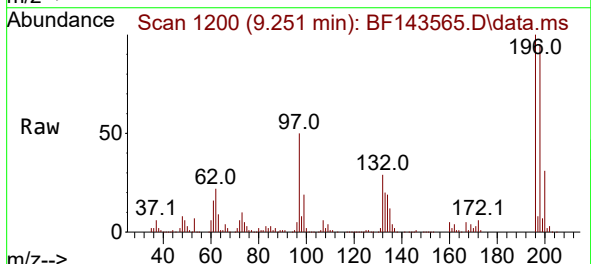


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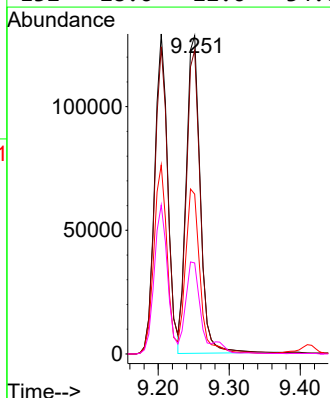
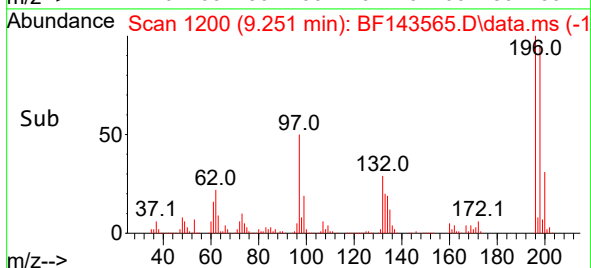
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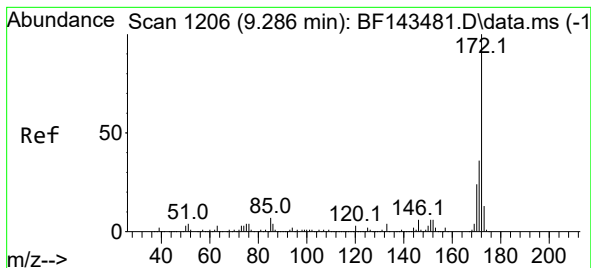


#44  
2,4,5-Trichlorophenol  
Concen: 41.539 ng  
RT: 9.251 min Scan# 1200  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



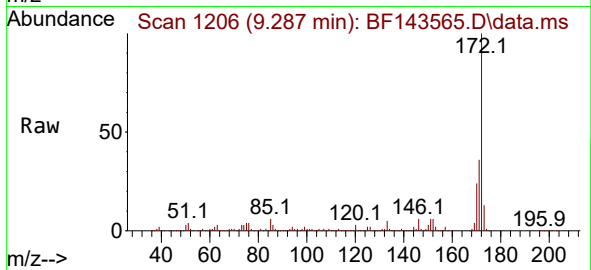
Tgt Ion:196 Resp: 175994  
Ion Ratio Lower Upper  
196 100  
198 95.4 77.3 115.9  
97 50.2 40.0 60.0  
132 28.6 22.6 34.0





#45  
2-Fluorobiphenyl  
Concen: 83.749 ng  
RT: 9.287 min Scan# 111674  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

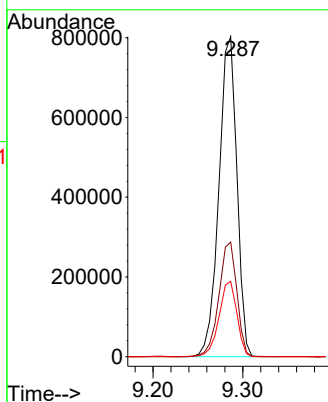
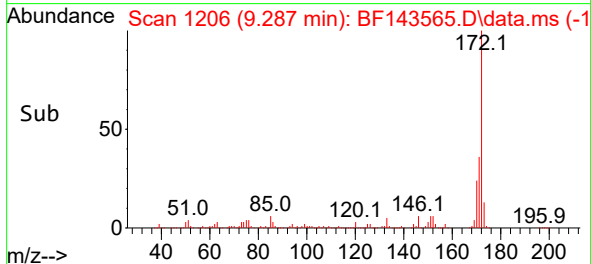
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion:172 Resp: 111674  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.8 43.2  
170 23.6 18.8 28.2

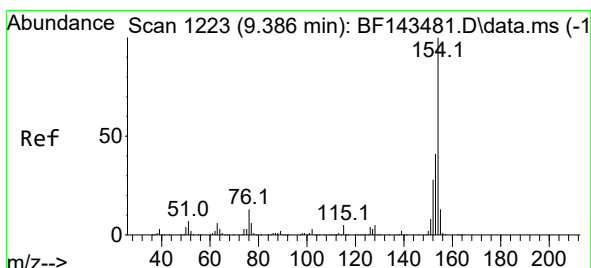
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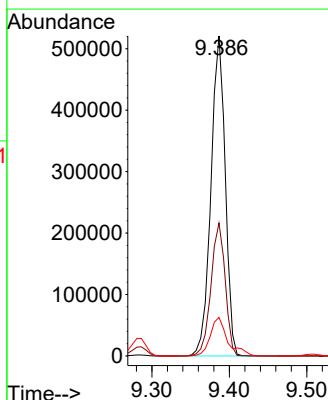
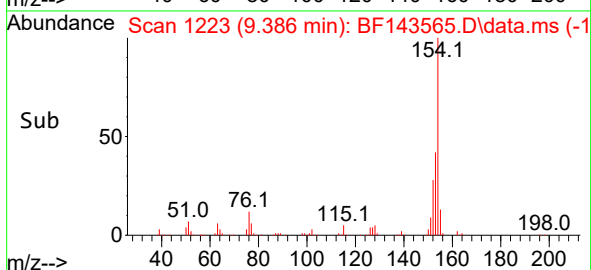
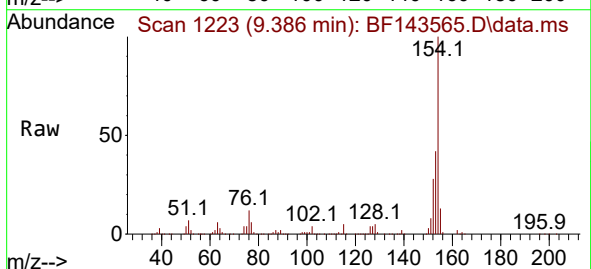
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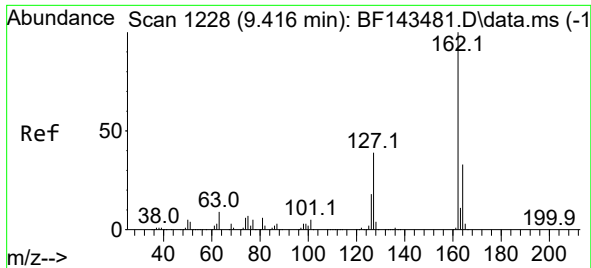
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#46  
1,1'-Biphenyl  
Concen: 42.820 ng  
RT: 9.386 min Scan# 1223  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Tgt Ion:154 Resp: 669776  
Ion Ratio Lower Upper  
154 100  
153 41.6 20.6 60.6  
76 12.1 0.0 33.0





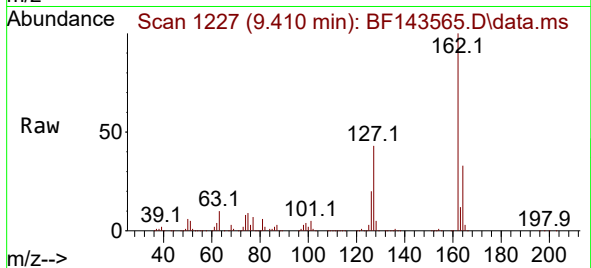
#47  
2-Chloronaphthalene  
Concen: 41.601 ng  
RT: 9.410 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

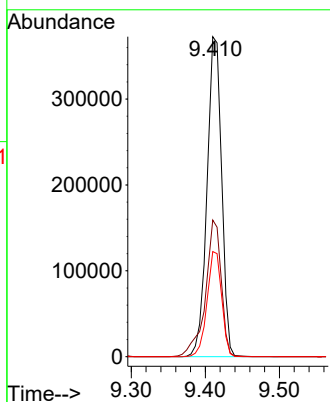
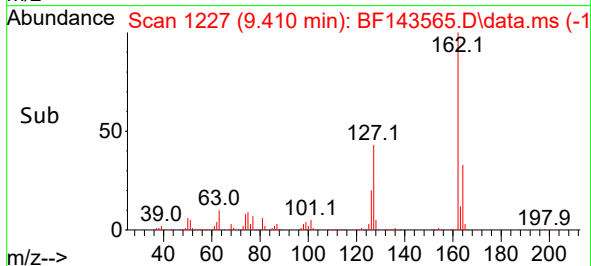
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Tgt Ion:162 Resp: 51056  
Ion Ratio Lower Upper  
162 100  
127 42.7 31.8 47.6  
164 32.8 26.4 39.6

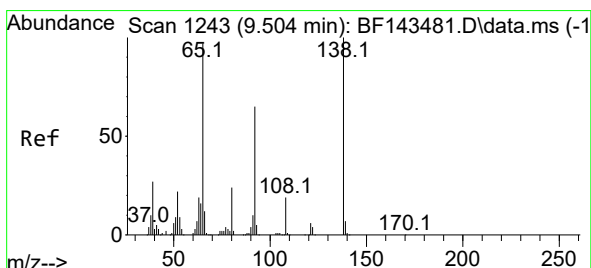
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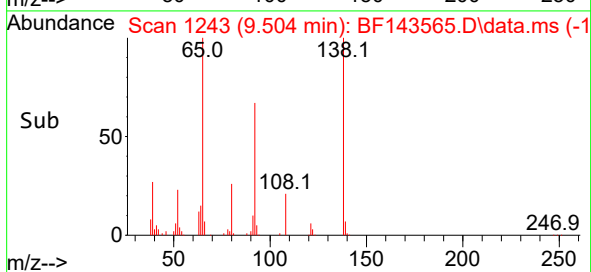
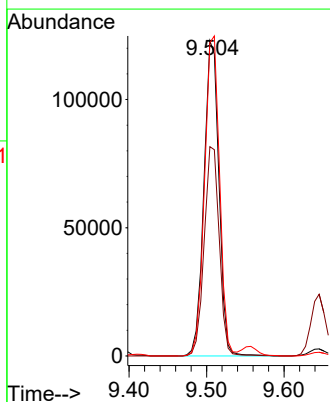
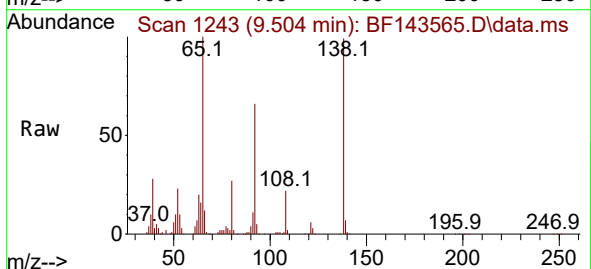
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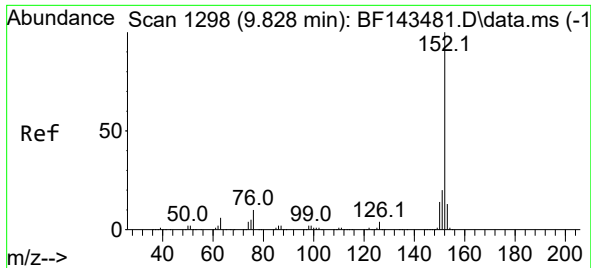
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#48  
2-Nitroaniline  
Concen: 45.924 ng  
RT: 9.504 min Scan# 1243  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

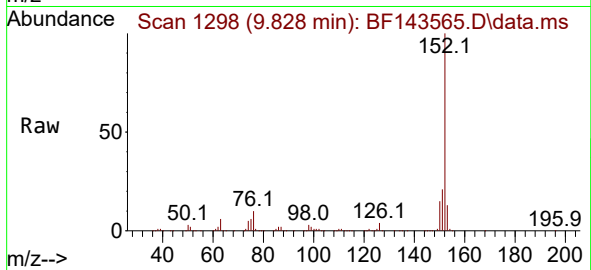
Tgt Ion: 65 Resp: 164949  
Ion Ratio Lower Upper  
65 100  
92 66.4 53.8 80.6  
138 99.4 82.4 123.6





#49  
Acenaphthylene  
Concen: 47.102 ng  
RT: 9.828 min Scan# 1298  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

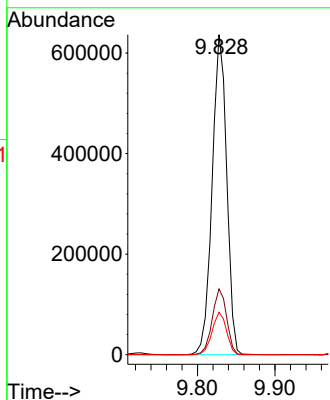
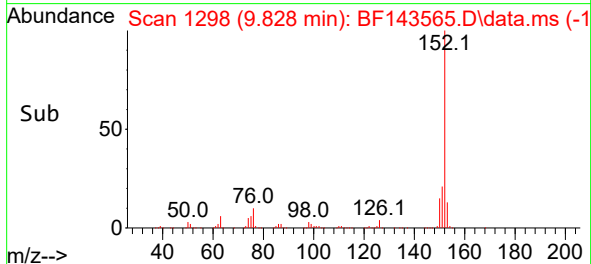
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion:152 Resp: 82772  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.2 24.4  
153 13.2 10.6 15.8

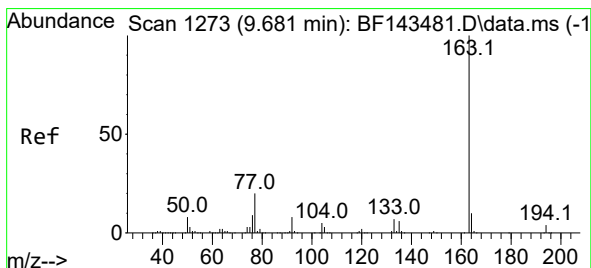
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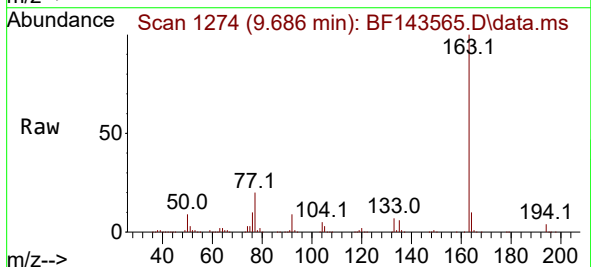


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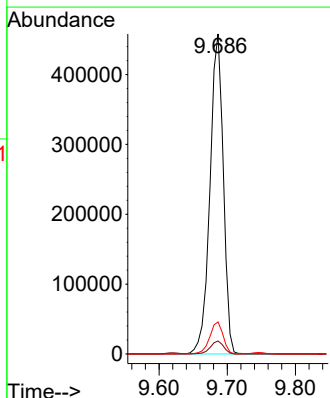
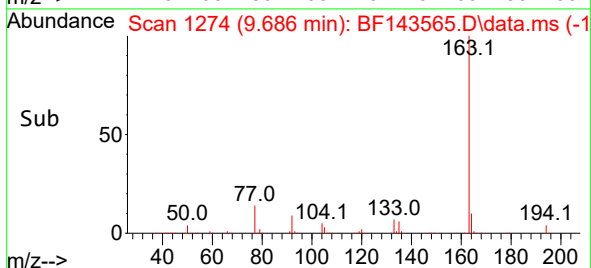
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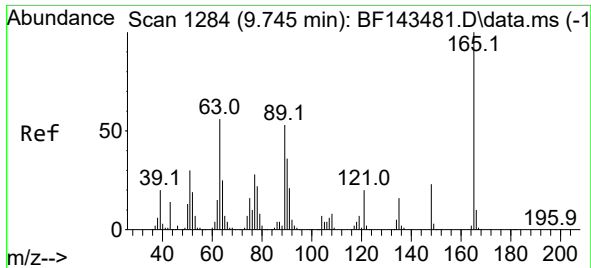


#50  
Dimethylphthalate  
Concen: 47.038 ng  
RT: 9.686 min Scan# 1274  
Delta R.T. 0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



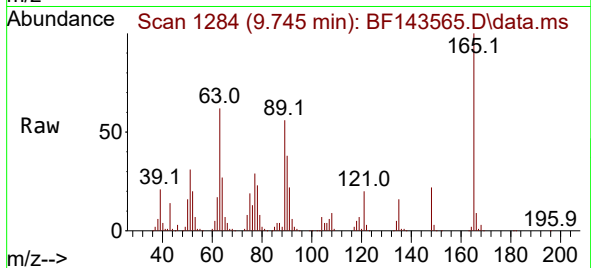
Tgt Ion:163 Resp: 624314  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 10.0 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 49.008 ng  
RT: 9.745 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

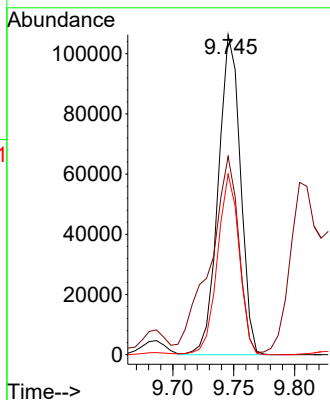
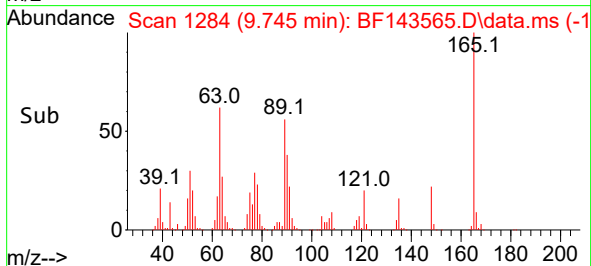
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion:165 Resp: 13481  
Ion Ratio Lower Upper  
165 100  
63 61.9 45.0 67.6  
89 56.4 42.5 63.7

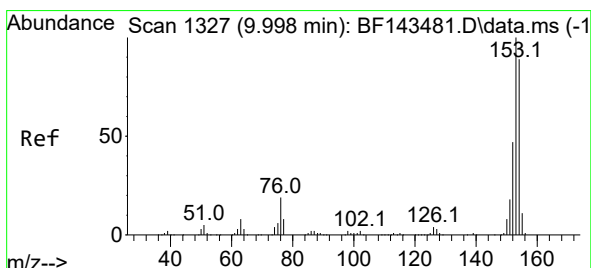
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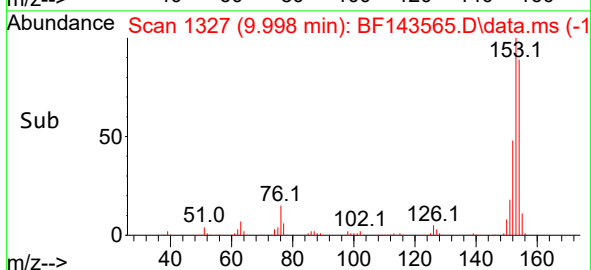
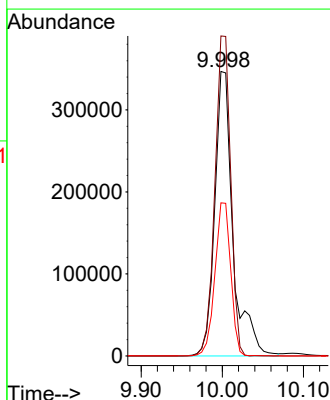
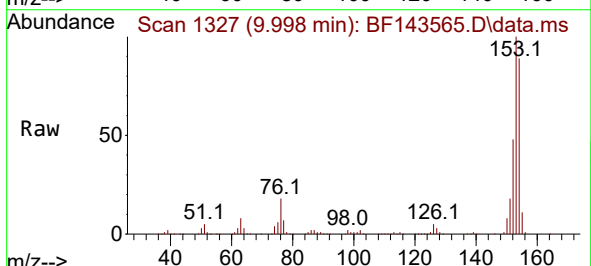
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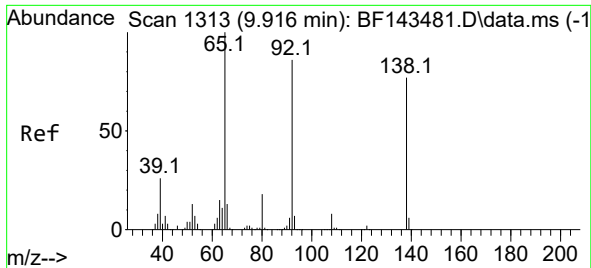
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#52  
Acenaphthene  
Concen: 45.617 ng  
RT: 9.998 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Tgt Ion:154 Resp: 544272  
Ion Ratio Lower Upper  
154 100  
153 112.5 89.5 134.3  
152 53.8 42.5 63.7





#53  
3-Nitroaniline  
Concen: 30.801 ng  
RT: 9.916 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

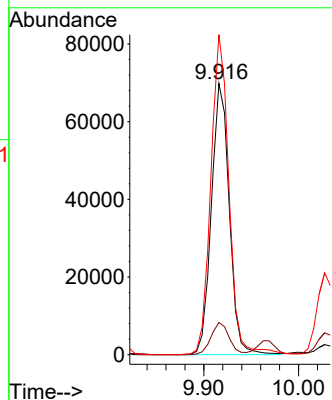
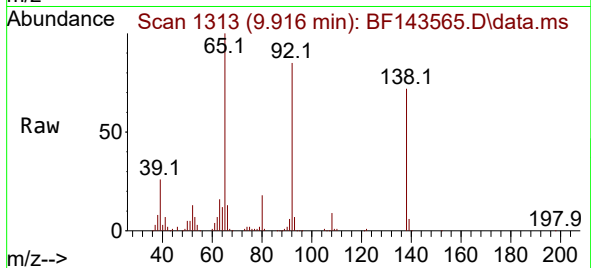
ClientSampleId :

PB169330BS

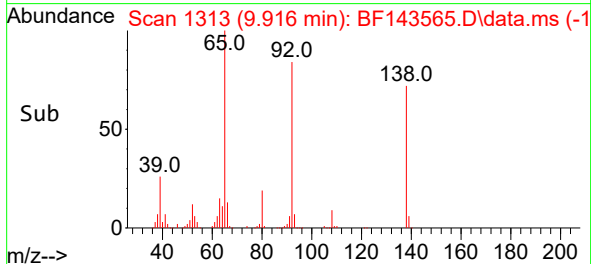
Tgt Ion:138 Resp: 91552  
Ion Ratio Lower Upper  
138 100  
108 11.9 8.6 13.0  
92 118.0 89.8 134.8

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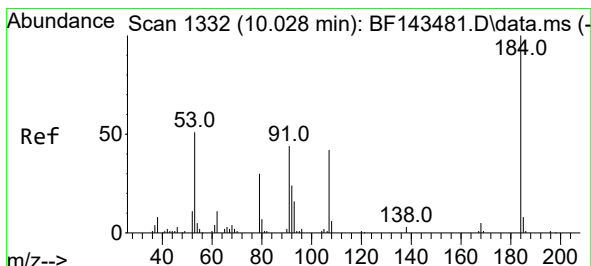
Reviewed By :Rahul Chavli 08/25/2025  
Supervised By :Jagrut Upadhyay 08/25/2025



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Supervised By :Jagrut  
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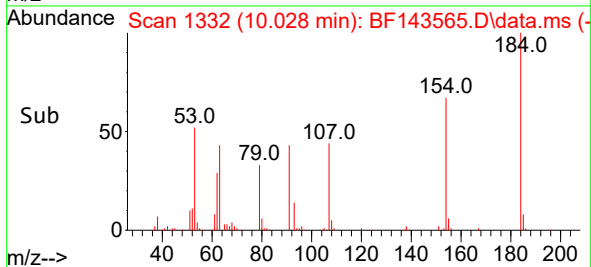
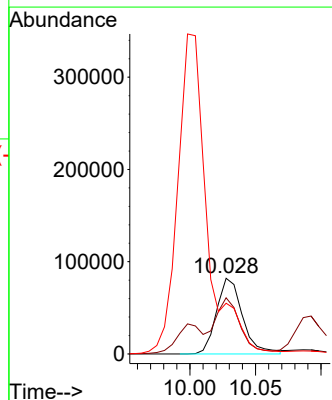
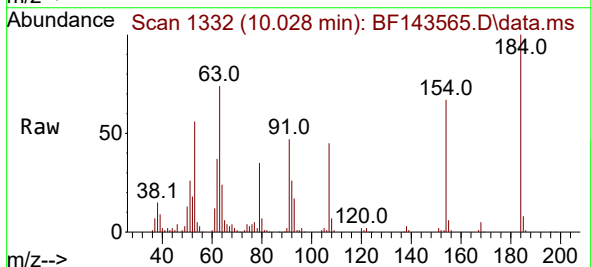


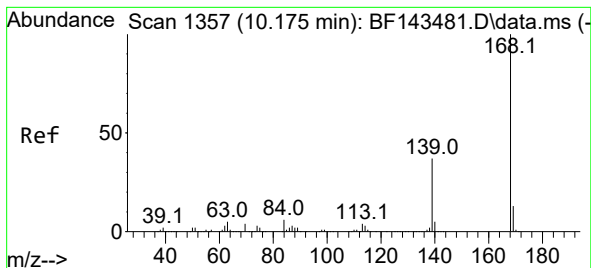
08/25/2025



#54  
2,4-Dinitrophenol  
Concen: 77.240 ng  
RT: 10.028 min Scan# 1332  
Delta R.T. -0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

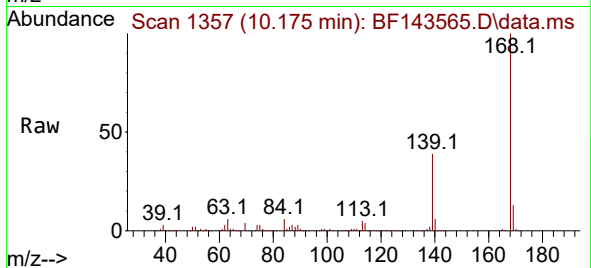
Tgt Ion:184 Resp: 113338  
Ion Ratio Lower Upper  
184 100  
63 74.1 52.6 78.8  
154 67.1 51.0 76.4





#55  
Dibenzenofuran  
Concen: 43.206 ng  
RT: 10.175 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

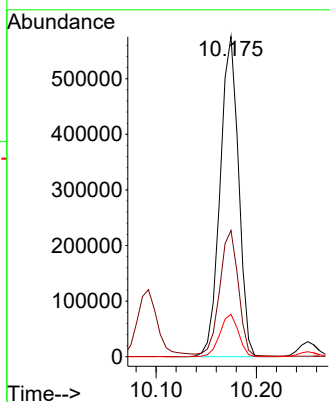
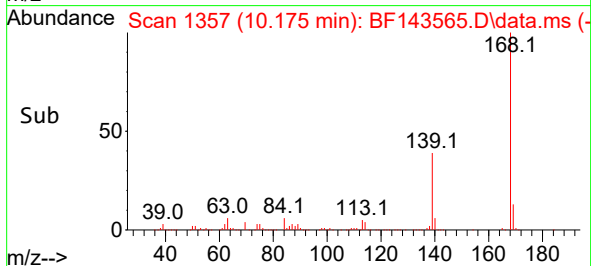
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion:168 Resp: 734960  
Ion Ratio Lower Upper  
168 100  
139 39.4 29.8 44.6  
169 13.2 10.8 16.2

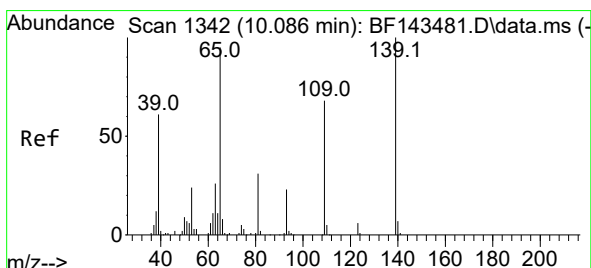
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Supervised By :Jagrut Upadhyay 08/25/2025

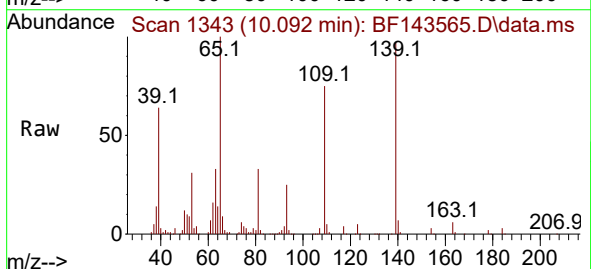


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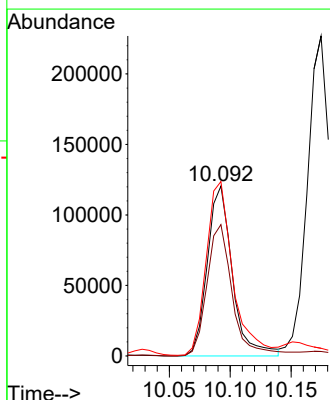
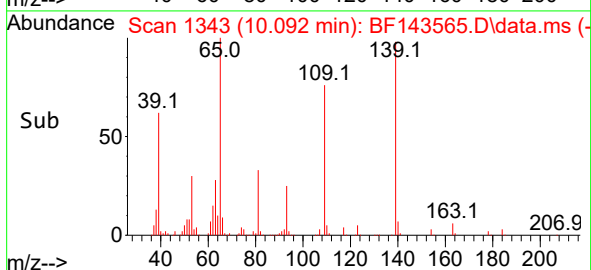
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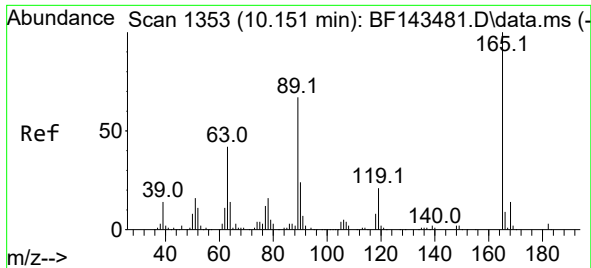


#56  
4-Nitrophenol  
Concen: 97.629 ng  
RT: 10.092 min Scan# 1343  
Delta R.T. 0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



Tgt Ion:139 Resp: 172666  
Ion Ratio Lower Upper  
139 100  
109 77.3 48.2 88.2  
65 102.6 75.8 115.8





#57  
2,4-Dinitrotoluene  
Concen: 49.032 ng  
RT: 10.151 min Scan# 1353  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

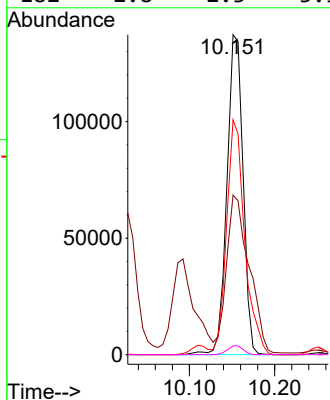
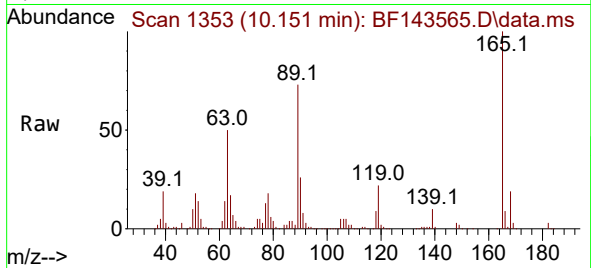
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Tgt Ion:165 Resp: 180090  
Ion Ratio Lower Upper  
165 100  
63 49.9 34.9 52.3  
89 73.4 53.3 79.9  
182 2.8 2.3 3.5

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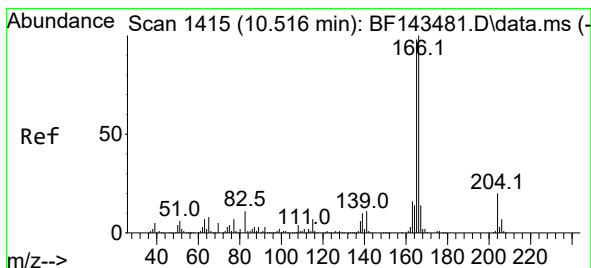
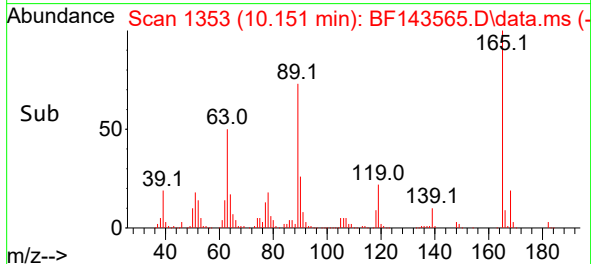
Reviewed By :Rahul Chavli 08/25/2025

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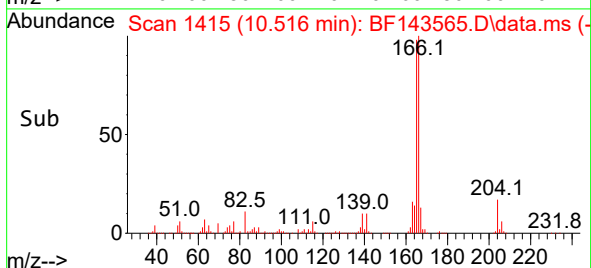
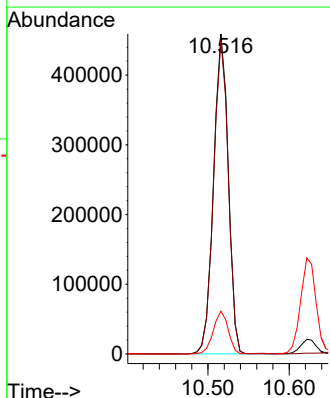
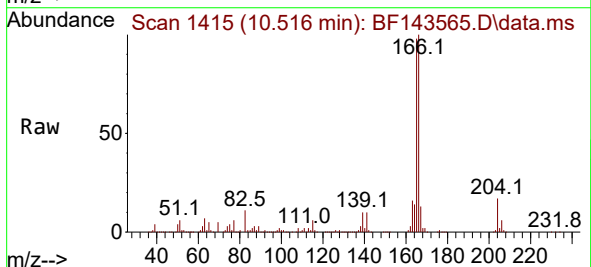
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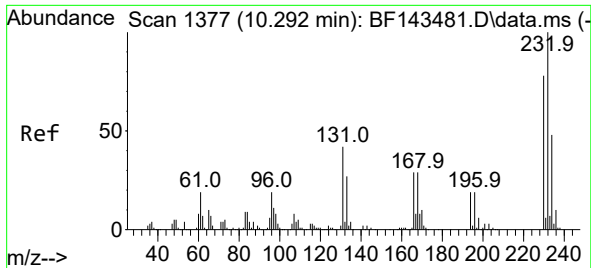
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#58  
Fluorene  
Concen: 44.230 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

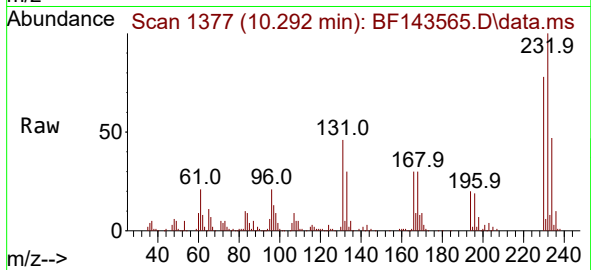
Tgt Ion:166 Resp: 579075  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.3 117.5  
167 13.3 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.035 ng  
RT: 10.292 min Scan# 1377  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

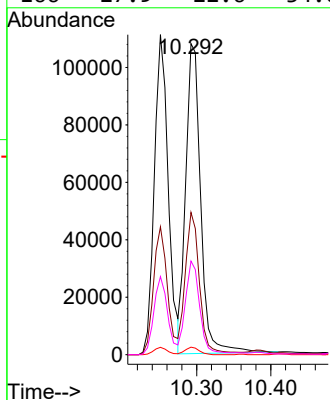
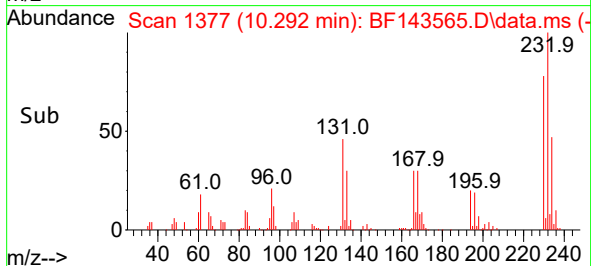
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion:232 Resp: 151199  
Ion Ratio Lower Upper  
232 100  
131 43.4 32.7 49.1  
130 2.3 1.6 2.4  
166 27.9 22.6 34.0

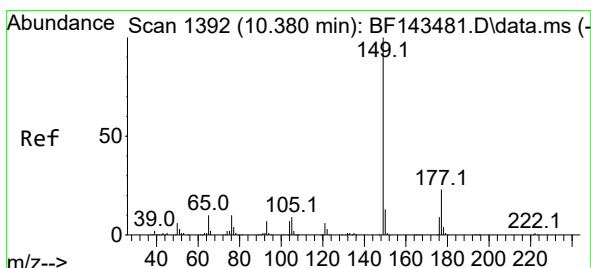
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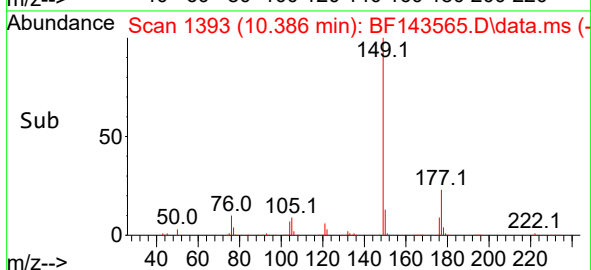
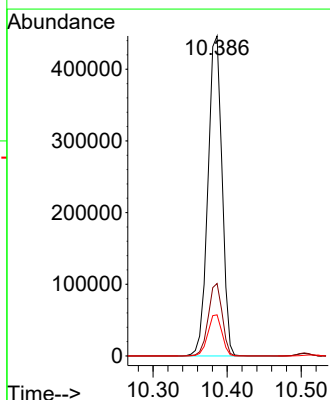
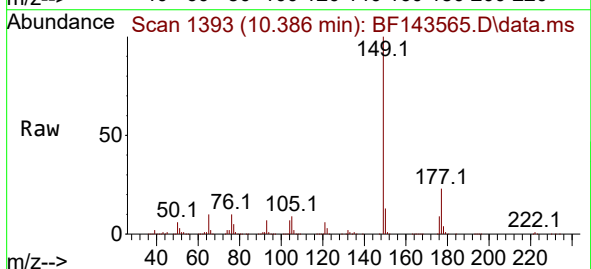
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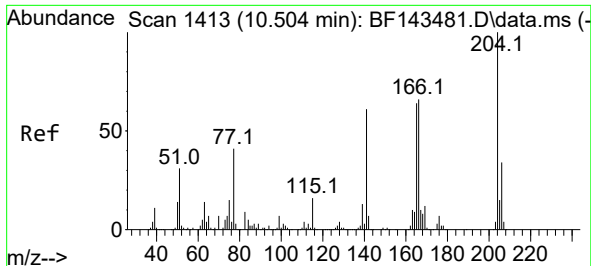
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#60  
Diethylphthalate  
Concen: 49.505 ng  
RT: 10.386 min Scan# 1393  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

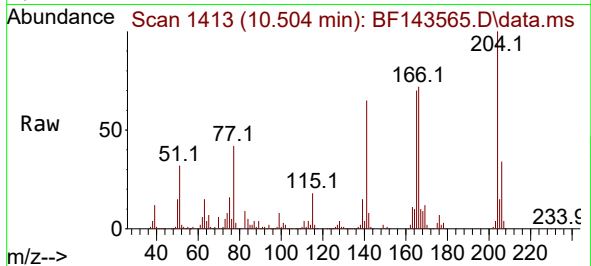
Tgt Ion:149 Resp: 589094  
Ion Ratio Lower Upper  
149 100  
177 22.7 18.3 27.5  
150 12.8 10.3 15.5





#61  
4-Chlorophenyl-phenylether  
Concen: 43.178 ng  
RT: 10.504 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

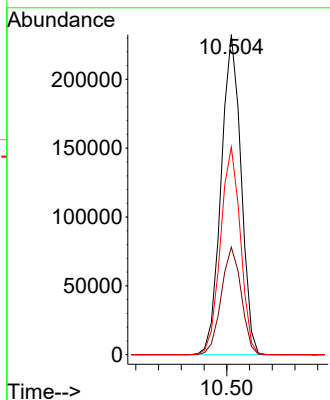
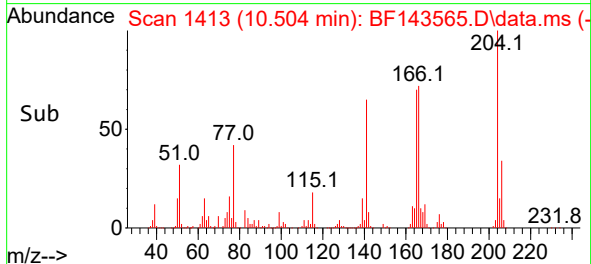
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion:204 Resp: 282715  
Ion Ratio Lower Upper  
204 100  
206 33.6 27.0 40.4  
141 64.9 48.7 73.1

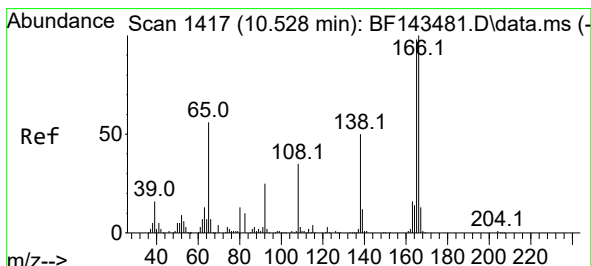
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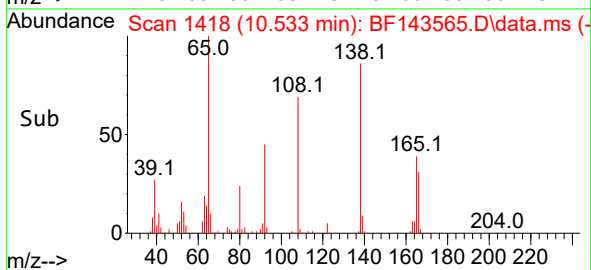
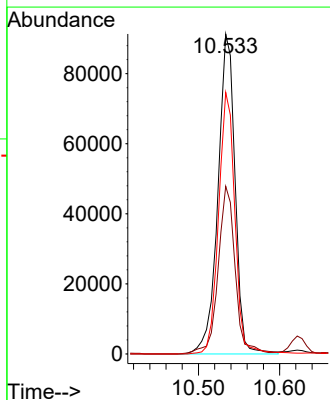
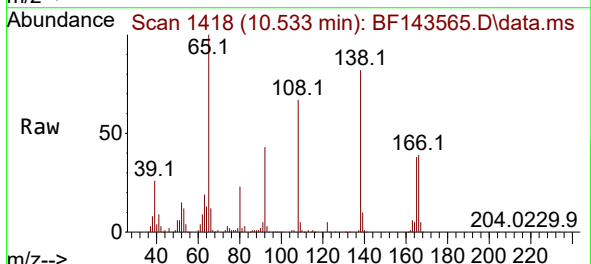
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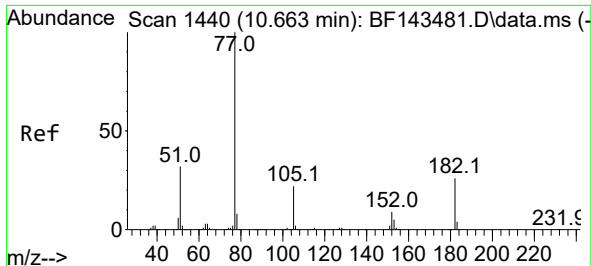
08/25/2025



#62  
4-Nitroaniline  
Concen: 49.251 ng  
RT: 10.533 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

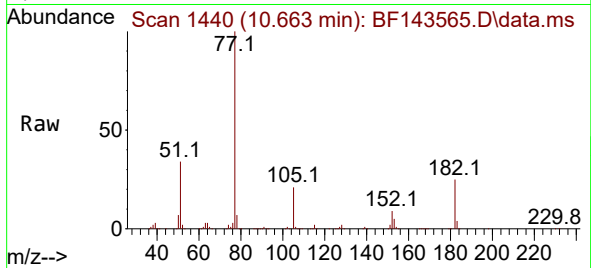
Tgt Ion:138 Resp: 134467  
Ion Ratio Lower Upper  
138 100  
92 52.4 29.3 69.3  
108 81.8 50.7 90.7





#63  
Azobenzene  
Concen: 46.270 ng  
RT: 10.663 min Scan# 1440  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

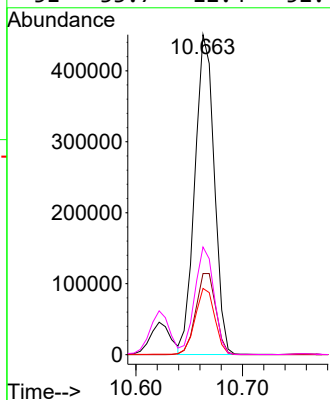
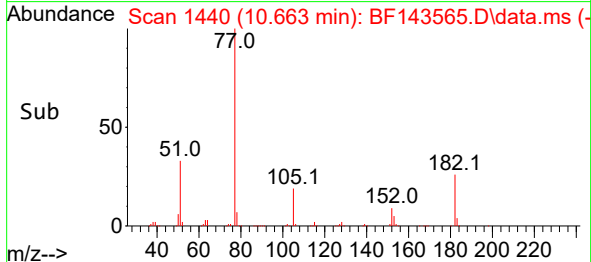
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion: 77 Resp: 57091  
Ion Ratio Lower Upper  
77 100  
182 25.3 6.2 46.2  
105 20.7 2.2 42.2  
51 33.7 12.4 52.4

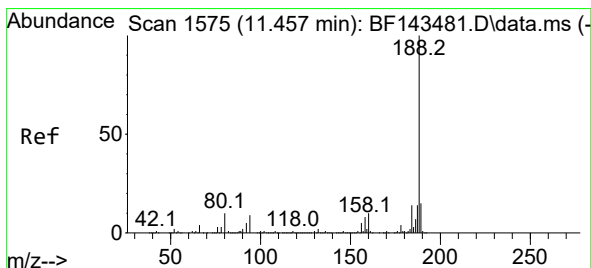
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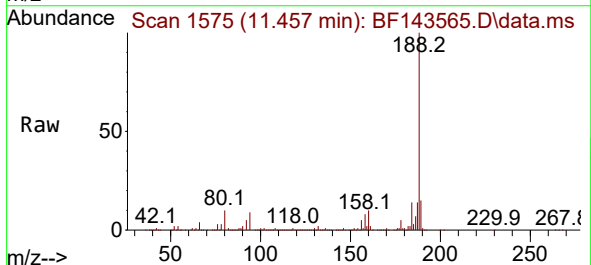


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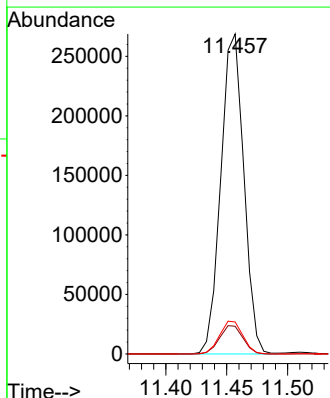
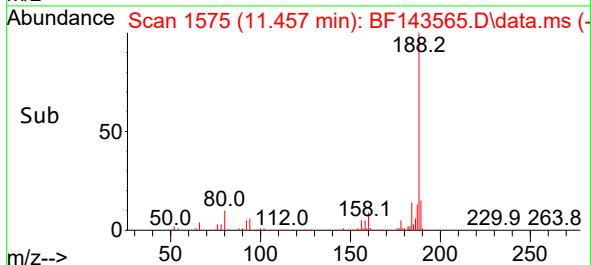
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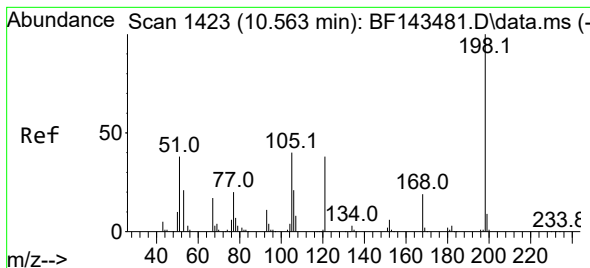


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.457 min Scan# 1575  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



Tgt Ion:188 Resp: 354024  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.4 11.2  
80 10.0 8.2 12.4





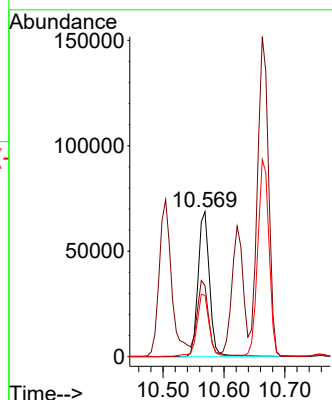
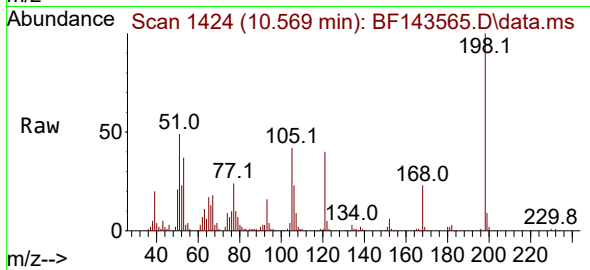
#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.169 ng  
RT: 10.569 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS

Tgt Ion:198 Resp: 90164  
Ion Ratio Lower Upper  
198 100  
51 49.1 29.6 69.6  
105 42.3 21.5 61.5

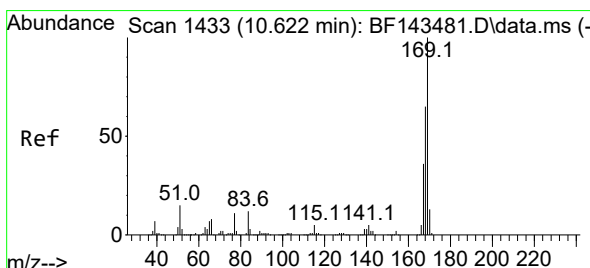
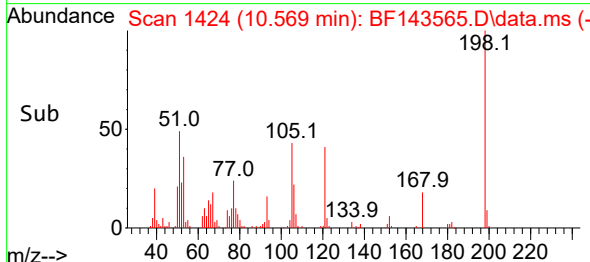
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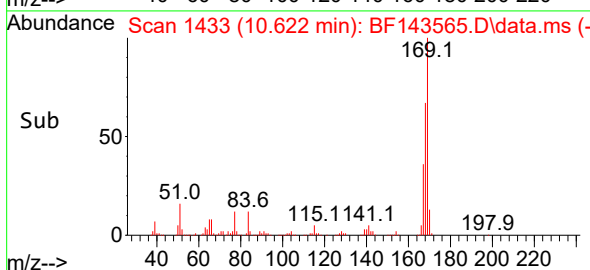
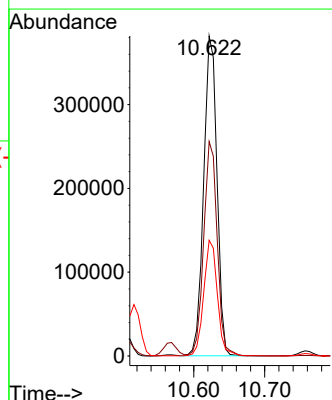
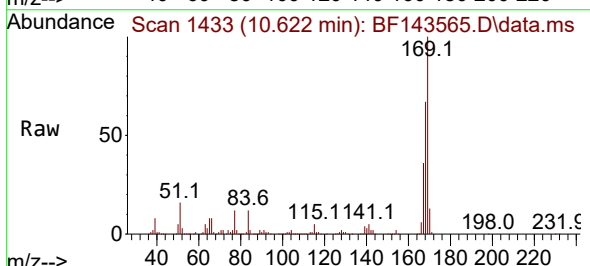
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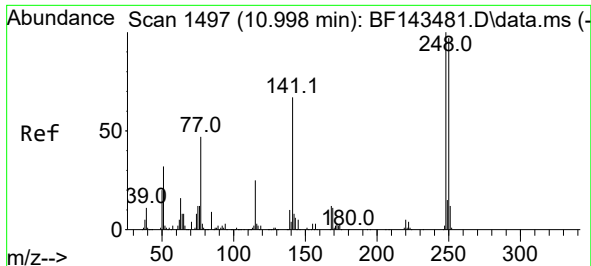
08/25/2025



#66  
n-Nitrosodiphenylamine  
Concen: 43.698 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

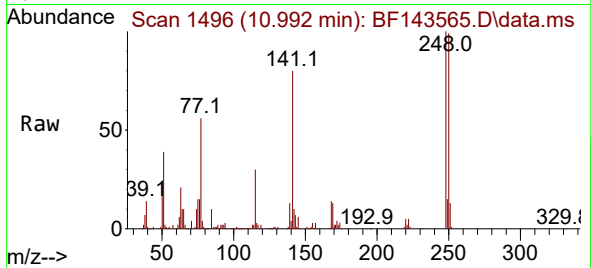
Tgt Ion:169 Resp: 497854  
Ion Ratio Lower Upper  
169 100  
168 67.0 52.4 78.6  
167 36.1 28.9 43.3





#67  
4-Bromophenyl-phenylether  
Concen: 42.751 ng  
RT: 10.992 min Scan# 1496  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

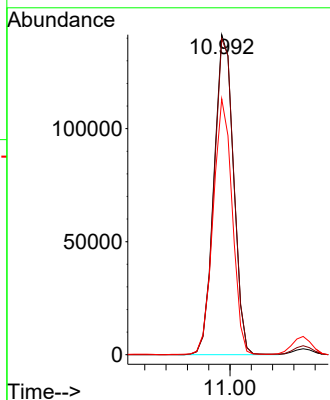
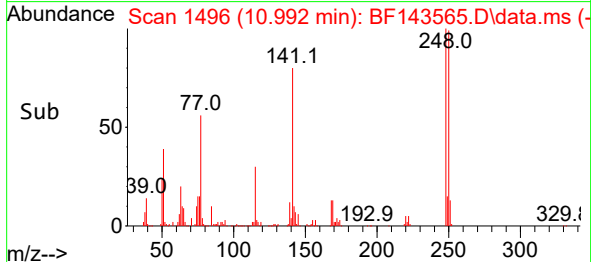
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion:248 Resp: 18058  
Ion Ratio Lower Upper  
248 100  
250 98.7 77.8 116.8  
141 80.0 54.0 81.0

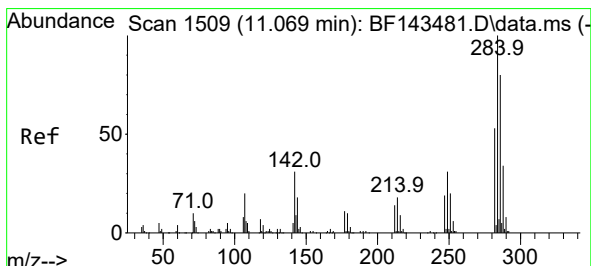
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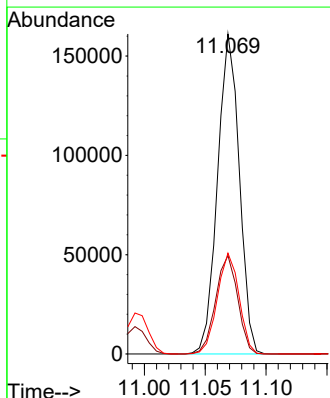
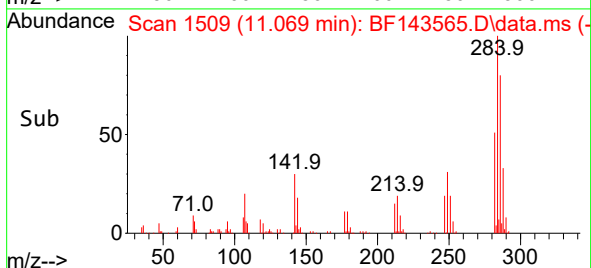
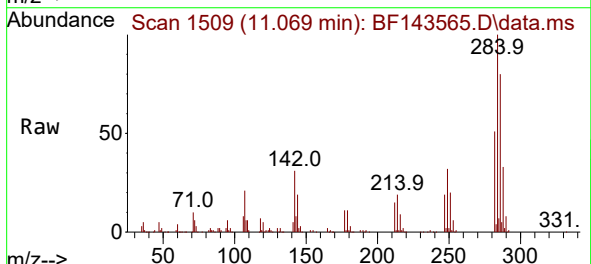
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Upadhyay

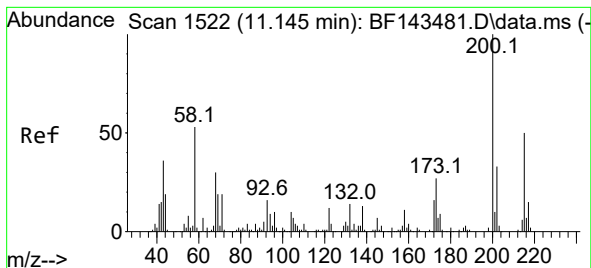
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#68  
Hexachlorobenzene  
Concen: 44.025 ng  
RT: 11.069 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Tgt Ion:284 Resp: 200456  
Ion Ratio Lower Upper  
284 100  
142 30.7 24.4 36.6  
249 31.5 25.0 37.6





#69

Atrazine

Concen: 56.064 ng

RT: 11.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB169330BS

Tgt Ion:200 Resp: 16488

Ion Ratio Lower Upper

200 100

173 25.8 6.9 46.9

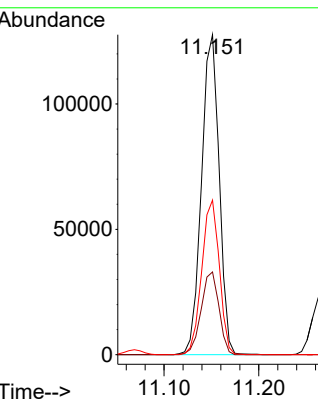
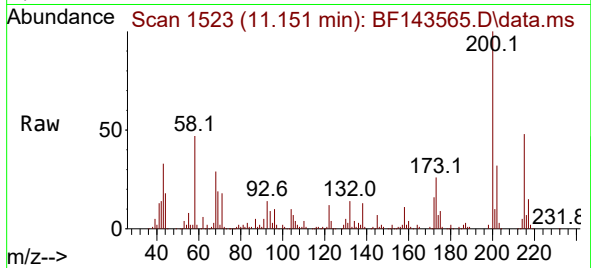
215 48.3 30.0 70.0

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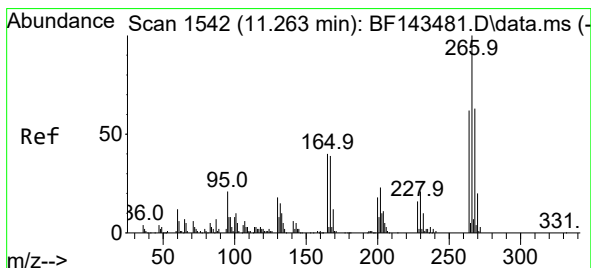
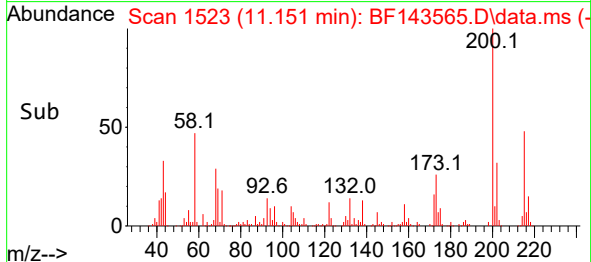


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#70

Pentachlorophenol

Concen: 92.148 ng

RT: 11.269 min Scan# 1543

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

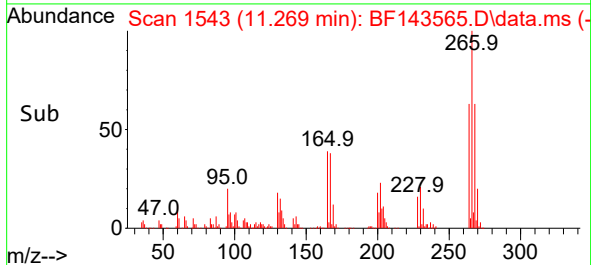
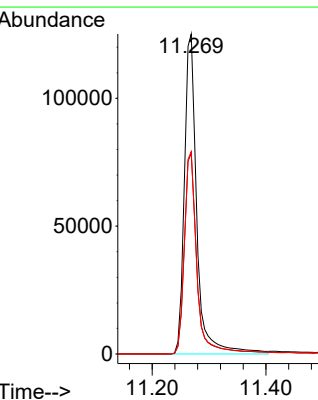
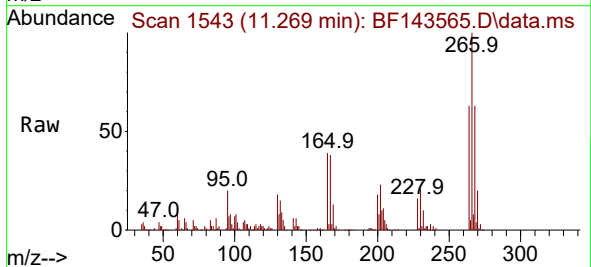
Tgt Ion:266 Resp: 192156

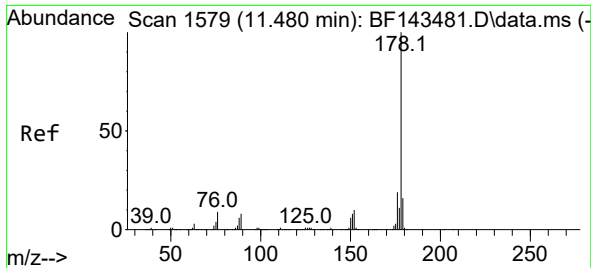
Ion Ratio Lower Upper

266 100

268 62.8 50.5 75.7

264 63.2 49.8 74.8





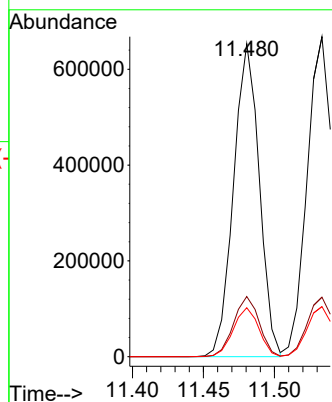
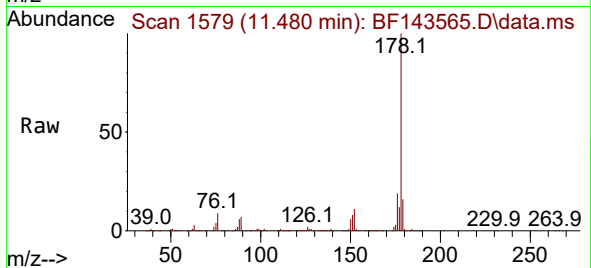
#71  
Phenanthrene  
Concen: 43.439 ng  
RT: 11.480 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS

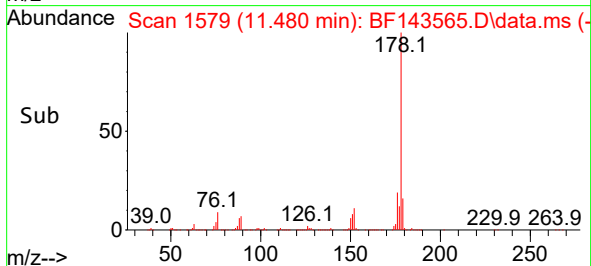
Tgt Ion:178 Resp: 82353  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.5 23.3  
179 15.7 12.5 18.7

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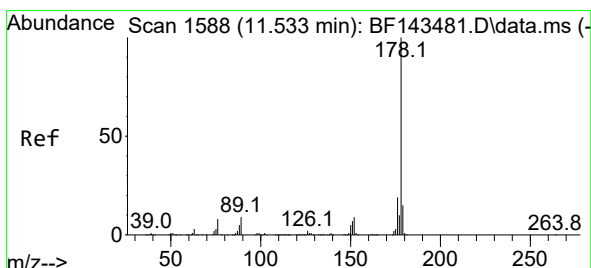
Reviewed By :Rahul Chavli 08/25/2025  
Supervised By :Jagrut Upadhyay 08/25/2025



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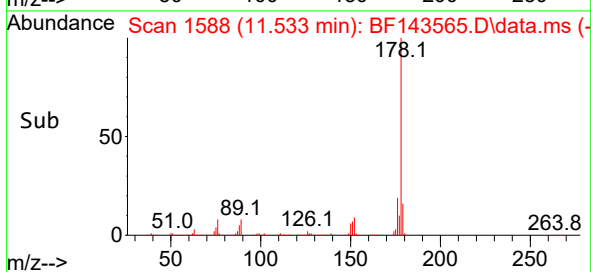
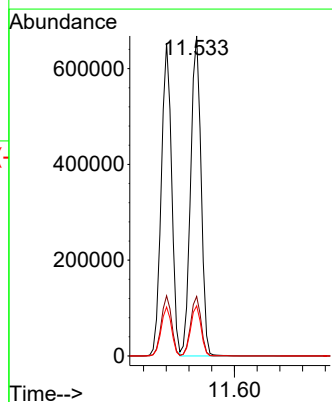
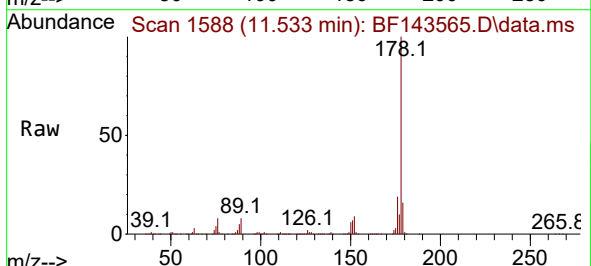


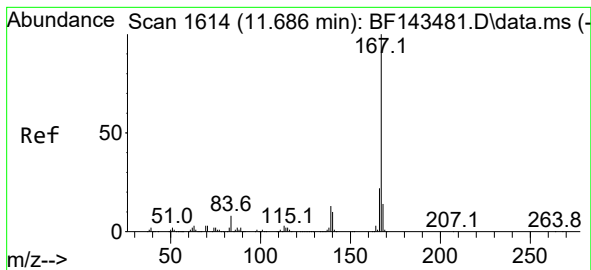
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#72  
Anthracene  
Concen: 44.404 ng  
RT: 11.533 min Scan# 1588  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

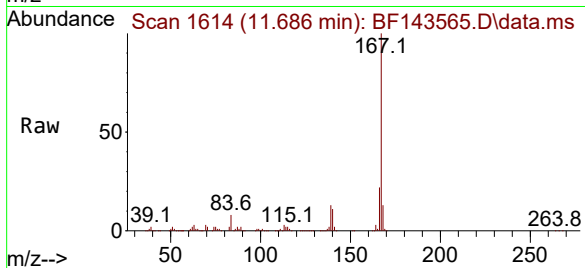
Tgt Ion:178 Resp: 852816  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.4  
179 15.6 12.3 18.5





#73  
 Carbazole  
 Concen: 46.304 ng  
 RT: 11.686 min Scan# 1614  
 Delta R.T. 0.000 min  
 Lab File: BF143565.D  
 Acq: 22 Aug 2025 11:27

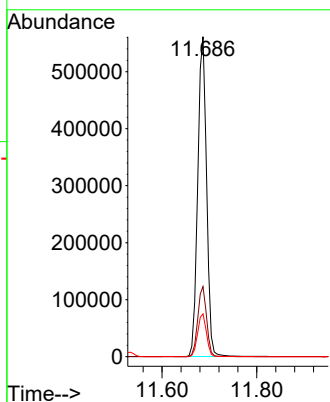
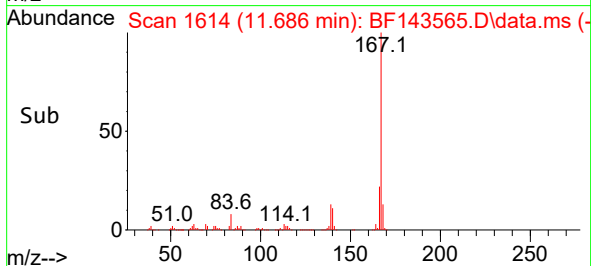
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169330BS



Tgt Ion:167 Resp: 728699  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.3 25.9  
 139 13.4 10.0 15.0

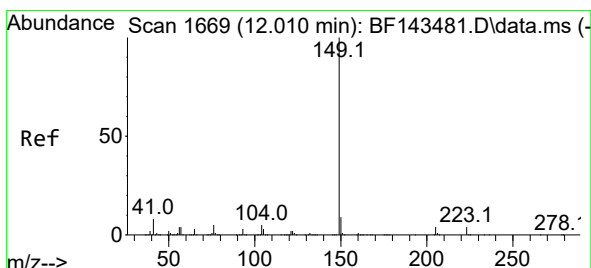
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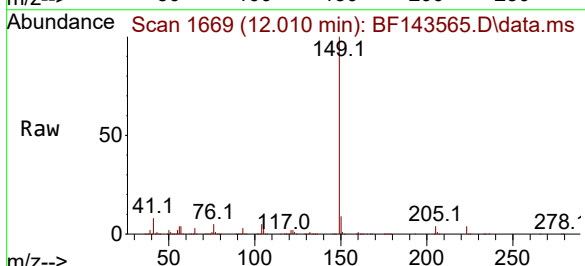


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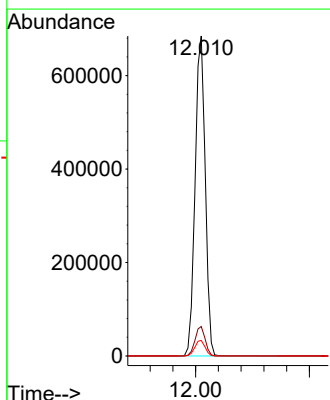
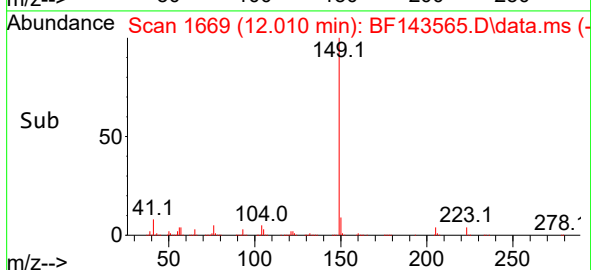
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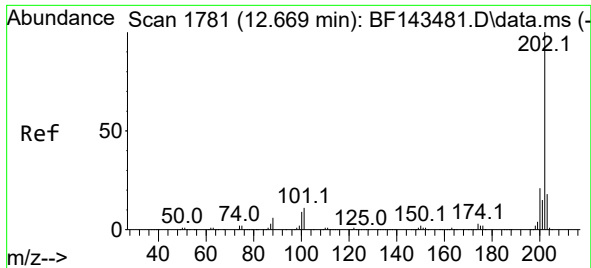


#74  
 Di-n-butylphthalate  
 Concen: 58.086 ng  
 RT: 12.010 min Scan# 1669  
 Delta R.T. 0.000 min  
 Lab File: BF143565.D  
 Acq: 22 Aug 2025 11:27



Tgt Ion:149 Resp: 852762  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.2 10.8  
 104 4.9 3.6 5.4





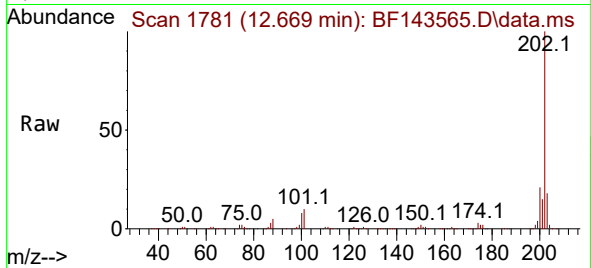
#75  
Fluoranthene  
Concen: 47.208 ng  
RT: 12.669 min Scan# 1781  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

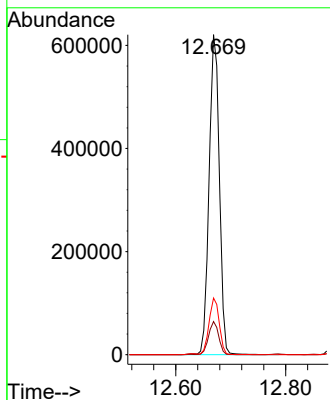
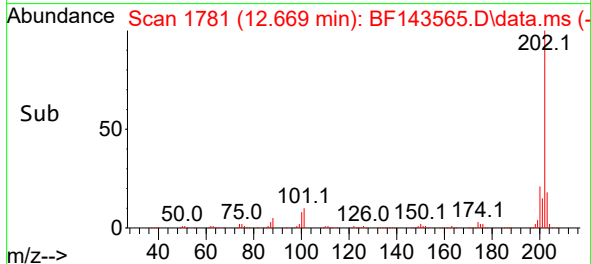
PB169330BS



Tgt Ion: 202 Resp: 803075  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 31.3  
203 17.7 0.0 37.9

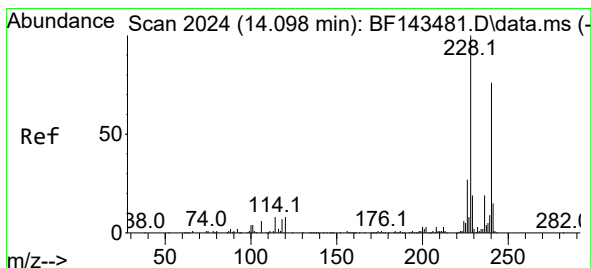
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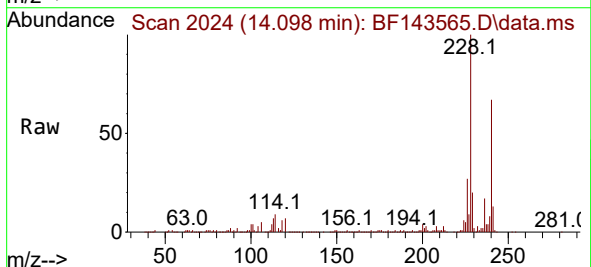


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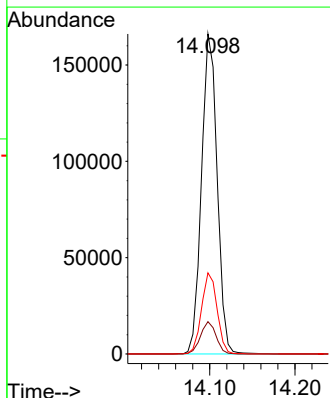
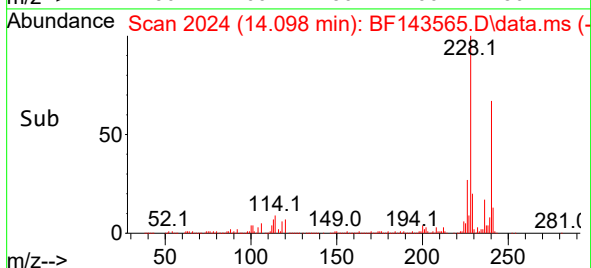
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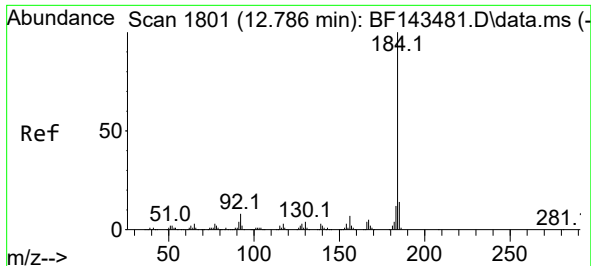


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.098 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



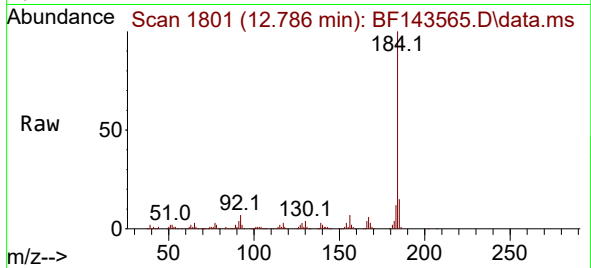
Tgt Ion: 240 Resp: 211918  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.6 12.8  
236 25.4 20.4 30.6





#77  
Benzidine  
Concen: 49.987 ng  
RT: 12.786 min Scan# 1801  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

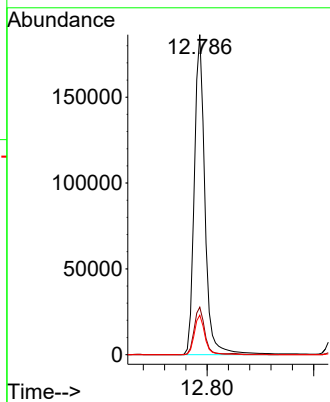
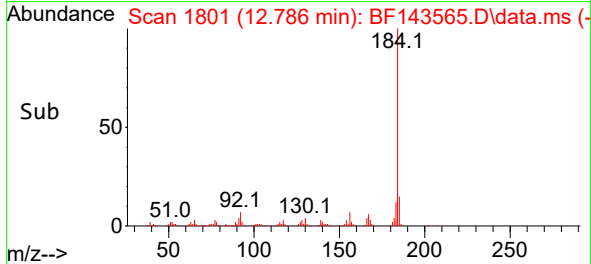
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion:184 Resp: 25803  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.3 16.9  
183 12.4 9.5 14.3

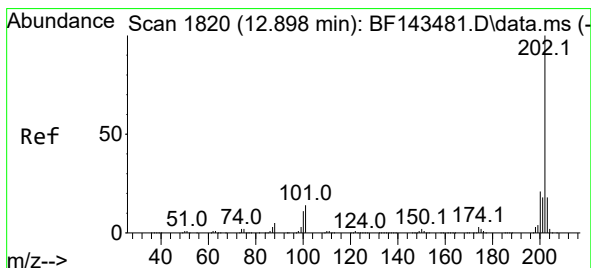
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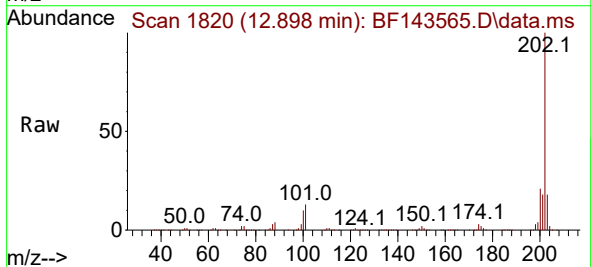


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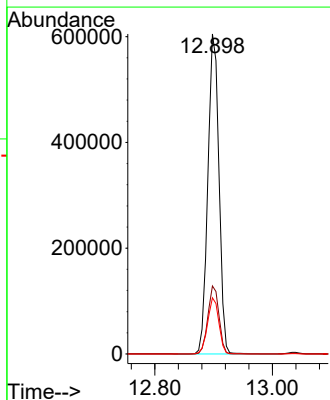
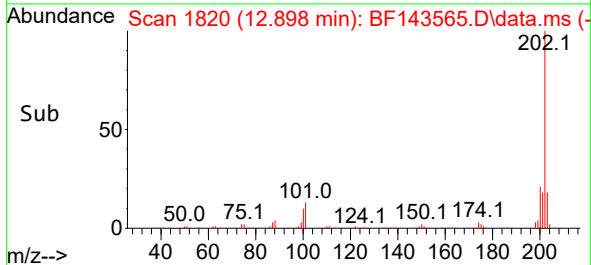
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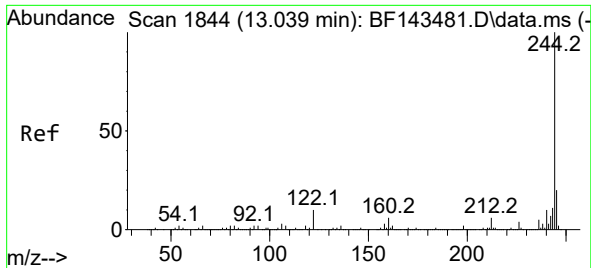


#78  
Pyrene  
Concen: 45.402 ng  
RT: 12.898 min Scan# 1820  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



Tgt Ion:202 Resp: 791447  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.0 25.4  
203 17.6 14.3 21.5





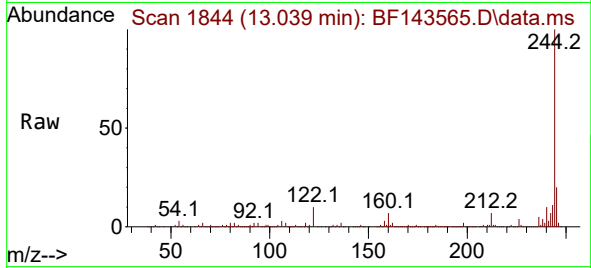
#79  
 Terphenyl-d14  
 Concen: 93.659 ng  
 RT: 13.039 min Scan# 1844  
 Delta R.T. 0.000 min  
 Lab File: BF143565.D  
 Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

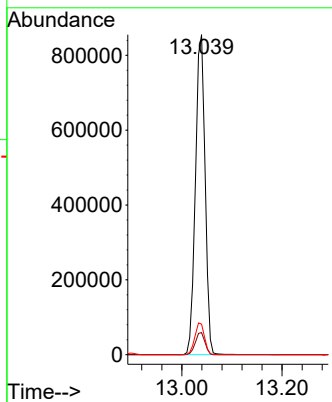
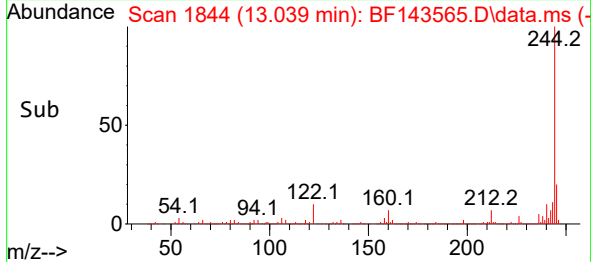
PB169330BS



Tgt Ion:244 Resp: 113740  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.2 7.8  
 122 9.6 7.9 11.9

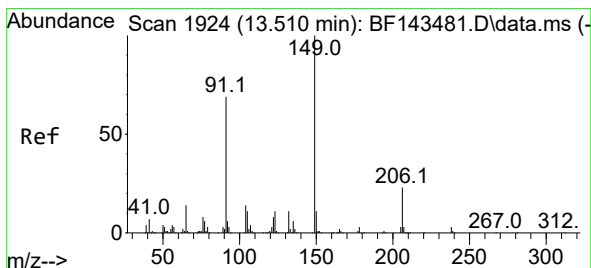
Manual Integrations  
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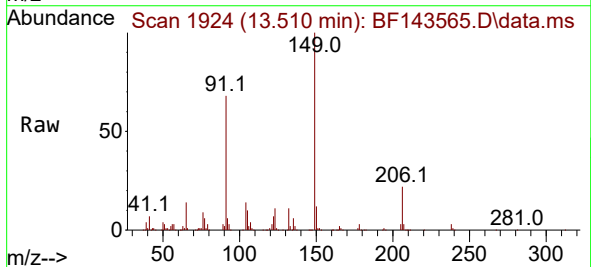


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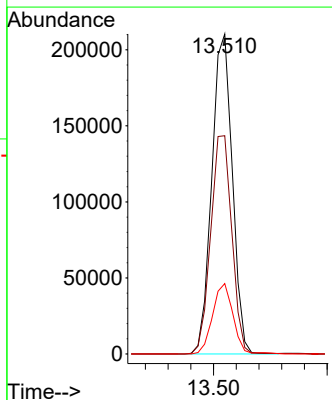
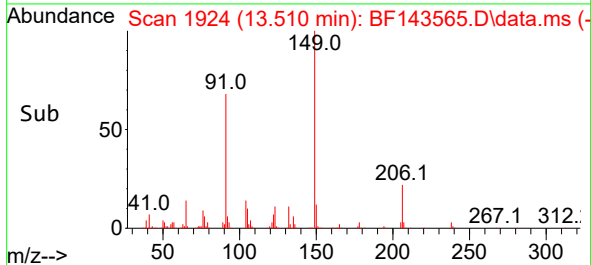
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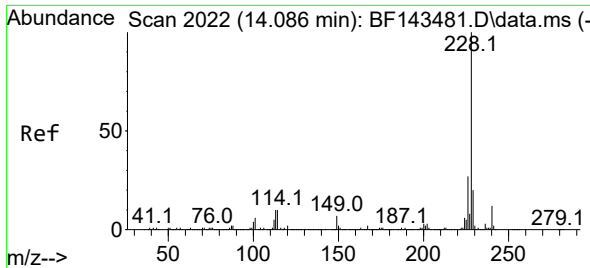


#80  
 Butylbenzylphthalate  
 Concen: 55.486 ng  
 RT: 13.510 min Scan# 1924  
 Delta R.T. 0.000 min  
 Lab File: BF143565.D  
 Acq: 22 Aug 2025 11:27



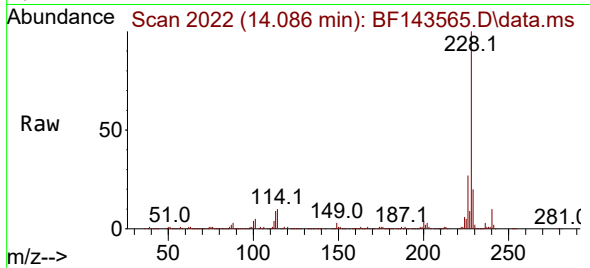
Tgt Ion:149 Resp: 264231  
 Ion Ratio Lower Upper  
 149 100  
 91 68.2 55.3 82.9  
 206 22.0 18.2 27.4





#81  
Benzo(a)anthracene  
Concen: 45.930 ng  
RT: 14.086 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

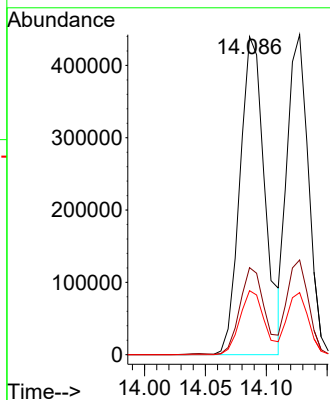
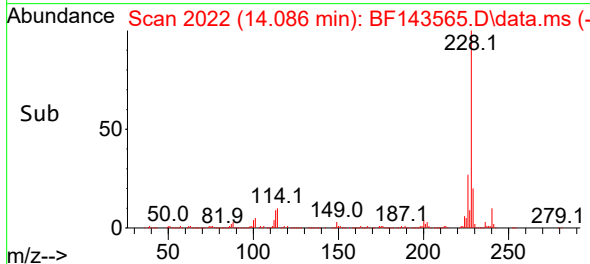
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion:228 Resp: 626650  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.7 32.5  
229 20.1 15.7 23.5

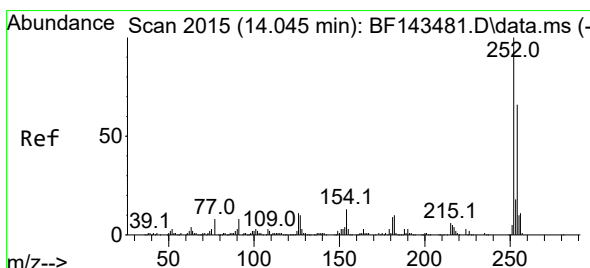
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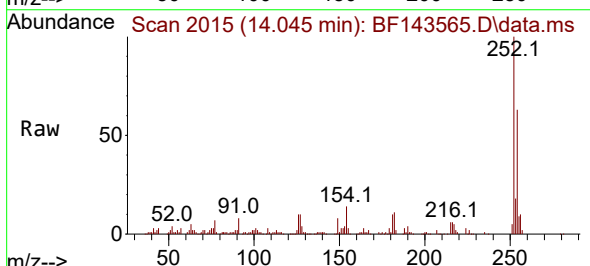


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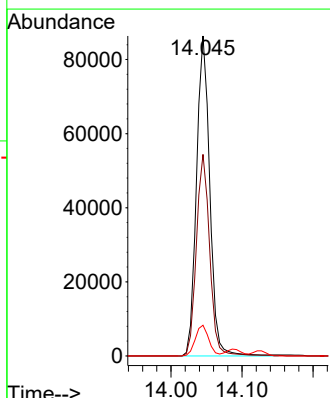
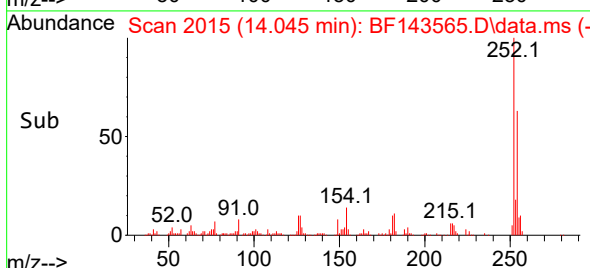
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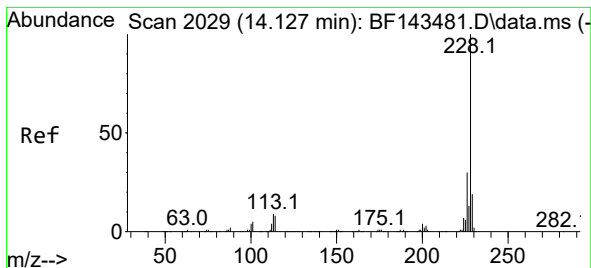


#82  
3,3'-Dichlorobenzidine  
Concen: 28.859 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



Tgt Ion:252 Resp: 112759  
Ion Ratio Lower Upper  
252 100  
254 63.0 52.6 79.0  
126 9.6 8.7 13.1





#83

Chrysene

Concen: 43.925 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF143565.D

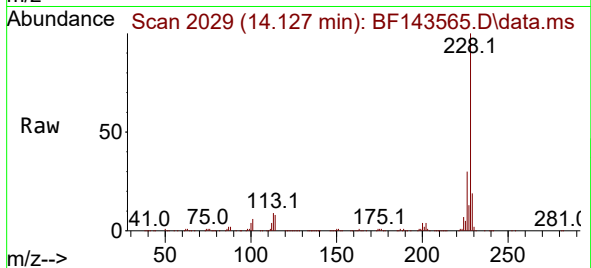
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB169330BS



Tgt Ion:228 Resp: 53855

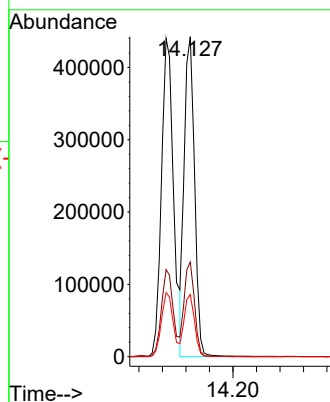
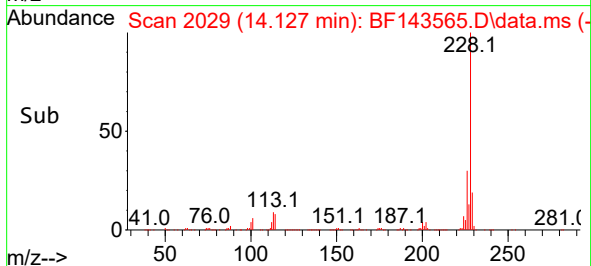
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.6  | 23.7  | 35.5  |
| 229 | 19.4  | 15.7  | 23.5  |

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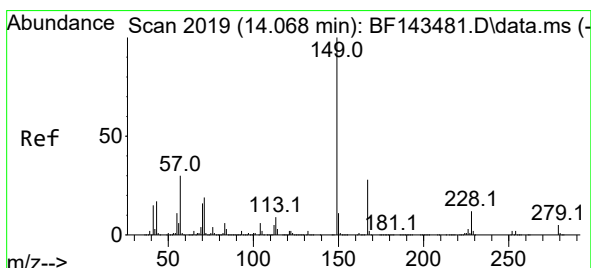
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#84

Bis(2-ethylhexyl)phthalate

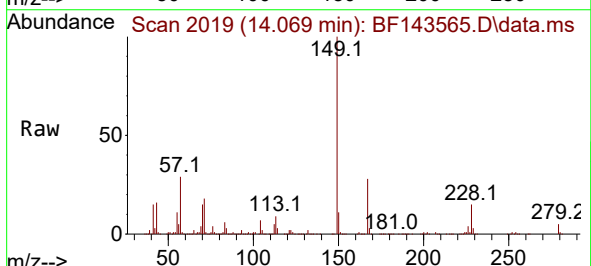
Concen: 43.002 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

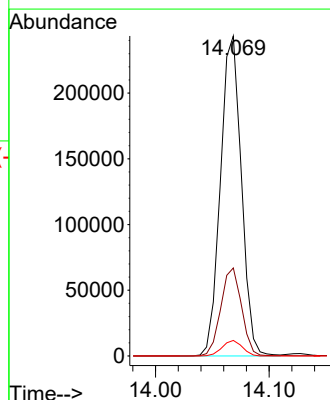
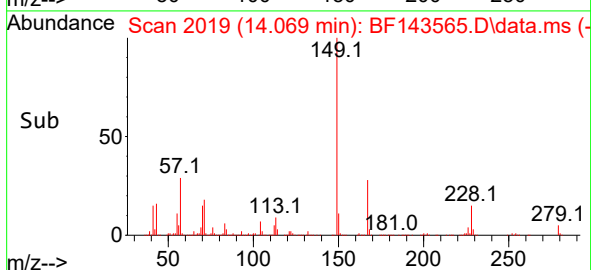
Lab File: BF143565.D

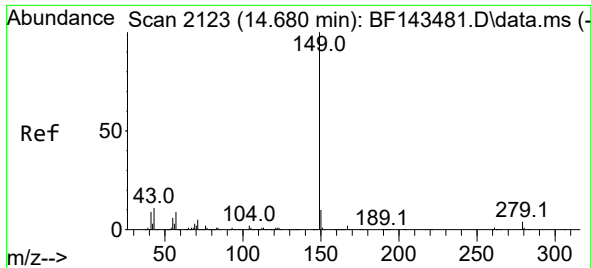
Acq: 22 Aug 2025 11:27



Tgt Ion:149 Resp: 311892

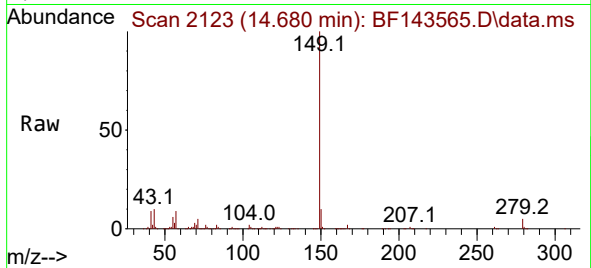
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.5  | 22.2  | 33.2  |
| 279 | 4.9   | 3.6   | 5.4   |





#85  
Di-n-octyl phthalate  
Concen: 39.419 ng  
RT: 14.680 min Scan# 2123  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

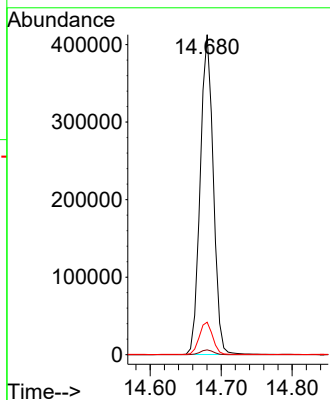
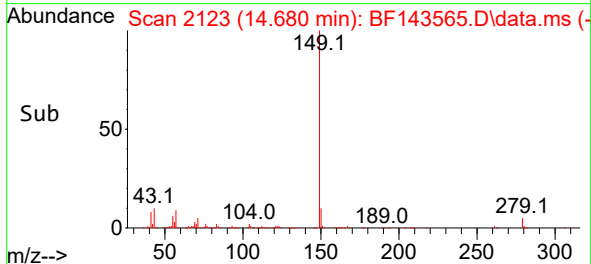
Instrument :  
BNA\_F  
ClientSampleId :  
PB169330BS



Tgt Ion:149 Resp: 529652  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 10.2 8.5 12.7

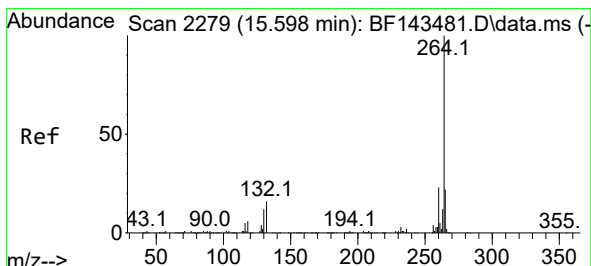
Manual Integrations  
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Reviewed By :Rahul Chavli 08/25/2025  
Supervised By :Jagrut Upadhyay 08/25/2025



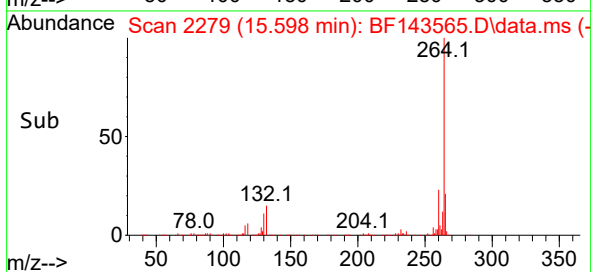
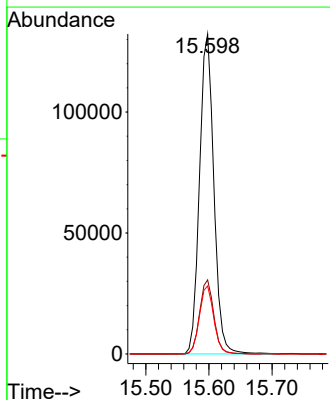
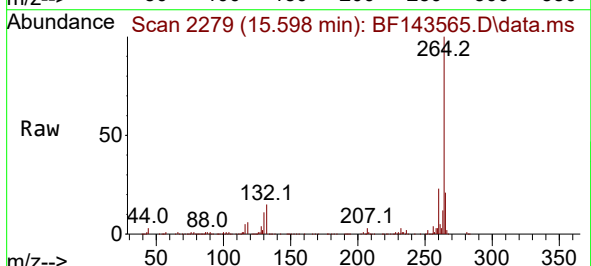
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Upadhyay

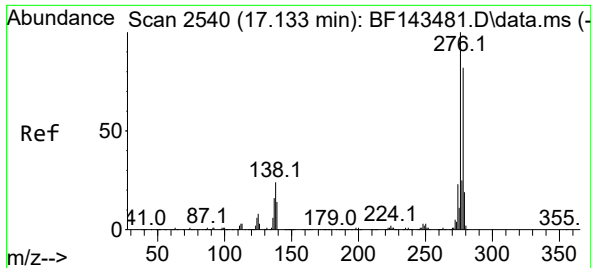
08/25/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.598 min Scan# 2279  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Tgt Ion:264 Resp: 208497  
Ion Ratio Lower Upper  
264 100  
260 23.1 18.7 28.1  
265 21.2 17.6 26.4





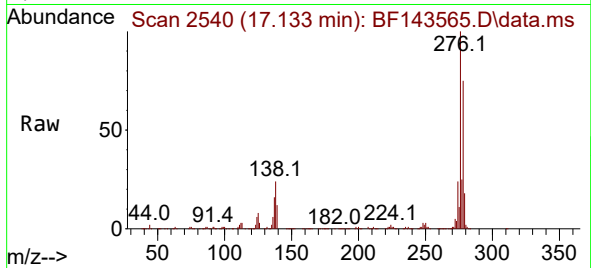
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 44.930 ng  
RT: 17.133 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

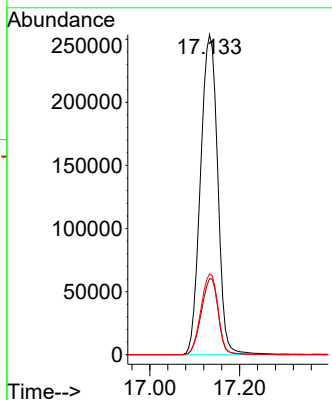
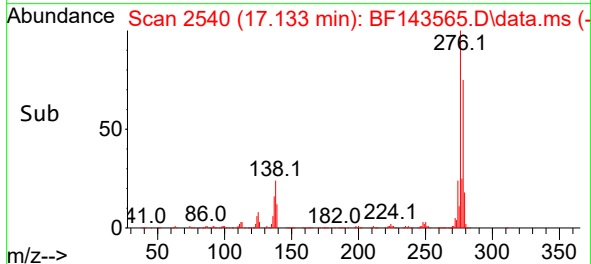
PB169330BS



Tgt Ion:276 Resp: 673168  
Ion Ratio Lower Upper  
276 100  
138 23.5 19.2 28.8  
277 25.3 20.3 30.5

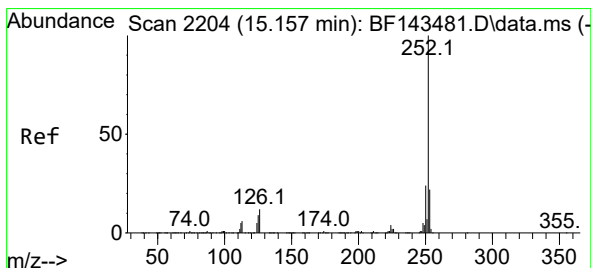
Manual Integrations  
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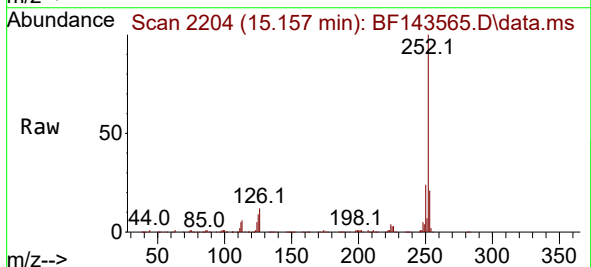


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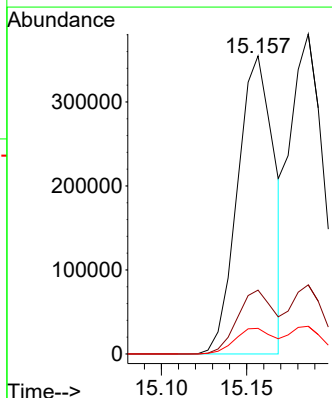
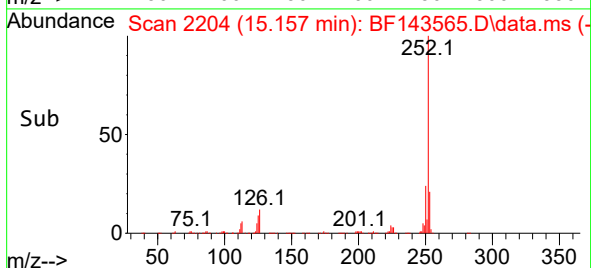
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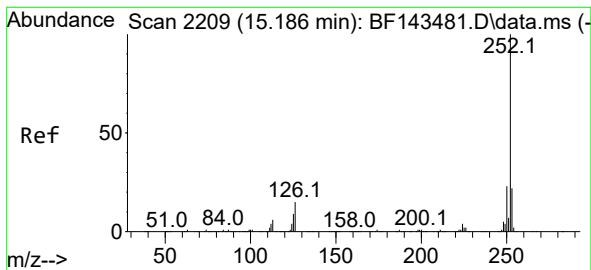


#88  
Benzo(b)fluoranthene  
Concen: 45.616 ng  
RT: 15.157 min Scan# 2204  
Delta R.T. 0.000 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27



Tgt Ion:252 Resp: 528666  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.5 26.3  
125 8.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.211 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

ClientSampleId :

PB169330BS

Tgt Ion:252 Resp: 52388

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

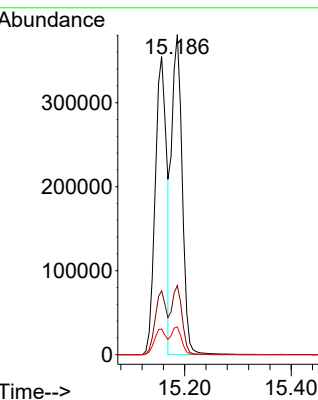
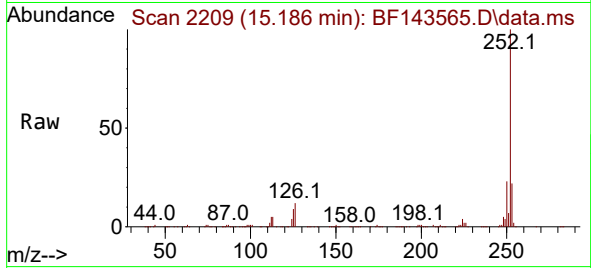
125 8.6 7.4 11.0

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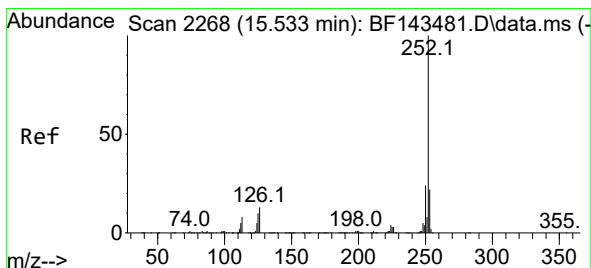
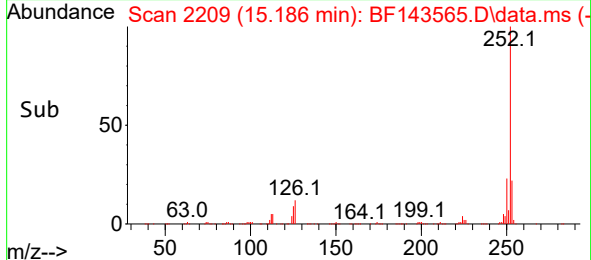
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#90

Benzo(a)pyrene

Concen: 47.608 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

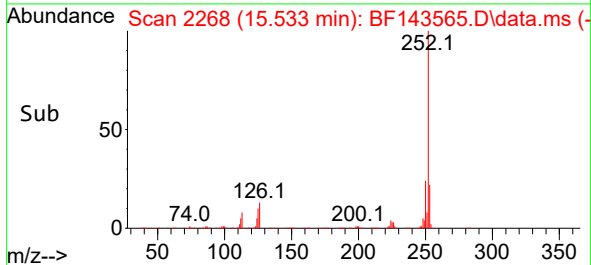
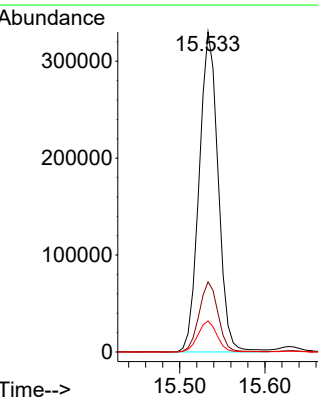
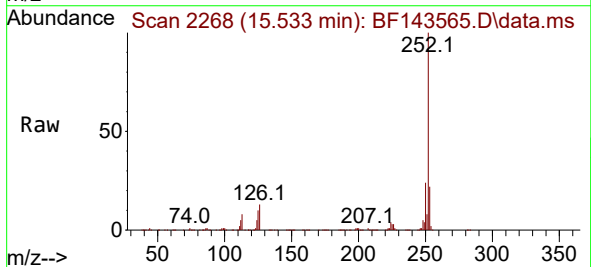
Tgt Ion:252 Resp: 512150

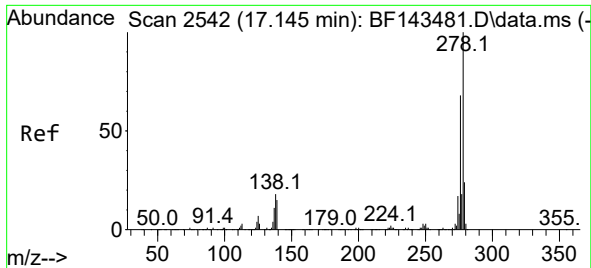
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.7 8.2 12.2





#91  
Dibenzo(a,h)anthracene  
Concen: 45.452 ng  
RT: 17.145 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Instrument :

BNA\_F

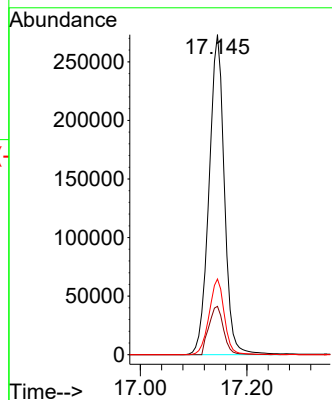
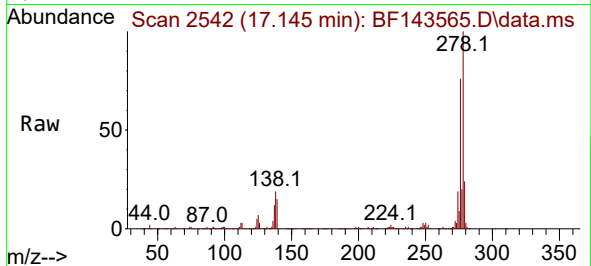
ClientSampleId :

PB169330BS

Tgt Ion:278 Resp: 54539  
Ion Ratio Lower Upper  
278 100  
139 15.1 12.1 18.1  
279 23.7 19.2 28.8

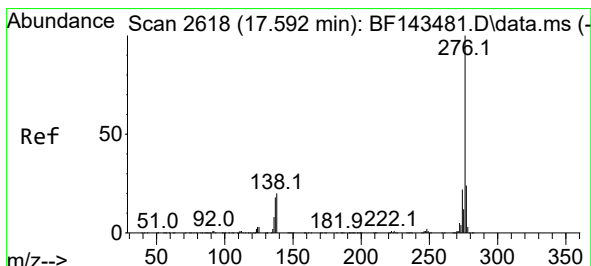
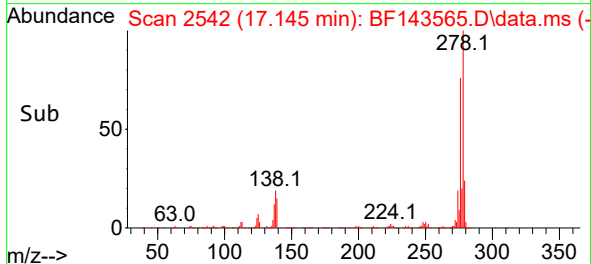
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Supervised By :Jagrut Upadhyay 08/25/2025



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Supervised By :Jagrut  
Upadhyay

08/25/2025



#92  
Benzo(g,h,i)perylene  
Concen: 46.097 ng  
RT: 17.598 min Scan# 2619  
Delta R.T. -0.006 min  
Lab File: BF143565.D  
Acq: 22 Aug 2025 11:27

Tgt Ion:276 Resp: 550013  
Ion Ratio Lower Upper  
276 100  
277 23.2 18.9 28.3  
138 19.1 16.3 24.5

