

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081425\  
 Data File : BF143402.D  
 Acq On : 15 Aug 2025 05:23  
 Operator : RC/JU  
 Sample : PB169230BSD  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169230BSD

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025  
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 08:00:03 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 12 13:25:39 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.934  | 152  | 150462   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.216  | 136  | 575193   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.969  | 164  | 306529   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.457 | 188  | 442984   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.098 | 240  | 267936   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.592 | 264  | 344135   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.575  | 112  | 1038587  | 119.365 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.569  | 99   | 1313768  | 117.744 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.492  | 82   | 870531   | 94.248  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.763 | 330  | 349646   | 156.079 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.292  | 172  | 1545055  | 85.474  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.039 | 244  | 1320965  | 88.020  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 2) 1,4-Dioxane                | 2.840  | 88   | 173960   | 38.637  | ng    | 99       |
| 3) Pyridine                   | 3.599  | 79   | 427803   | 35.656  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.540  | 42   | 239474   | 42.848  | ng    | 98       |
| 6) Aniline                    | 6.598  | 93   | 560227   | 35.614  | ng    | 97       |
| 8) 2-Chlorophenol             | 6.722  | 128  | 425874   | 45.806  | ng    | 97       |
| 9) Benzaldehyde               | 6.487  | 77   | 240135   | 32.562  | ng    | 96       |
| 10) Phenol                    | 6.587  | 94   | 546457   | 41.341  | ng    | 80       |
| 11) bis(2-Chloroethyl)ether   | 6.663  | 93   | 416370   | 42.740  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.875  | 146  | 466630   | 43.513  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.951  | 146  | 471920   | 43.846  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.104  | 146  | 460268   | 45.050  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.075  | 79   | 377176   | 47.158  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.204  | 45   | 709436   | 40.791  | ng    | 97       |
| 17) 2-Methylphenol            | 7.187  | 107  | 349564   | 44.542  | ng    | 99       |
| 18) Hexachloroethane          | 7.445  | 117  | 159619   | 47.303  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 295402   | 42.846  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.340  | 107  | 404381   | 42.606  | ng    | 100      |
| 22) Acetophenone              | 7.340  | 105  | 555835   | 43.858  | ng    | 98       |
| 24) Nitrobenzene              | 7.510  | 77   | 459202   | 45.777  | ng    | 99       |
| 25) Isophorone                | 7.751  | 82   | 842700   | 44.692  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.828  | 139  | 230190   | 56.559  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.869  | 122  | 390773   | 49.675  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.957  | 93   | 510531   | 44.346  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.075  | 162  | 359560   | 46.797  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.157  | 180  | 384129   | 47.395  | ng    | 99       |
| 31) Naphthalene               | 8.239  | 128  | 1190317  | 43.007  | ng    | 100      |
| 32) Benzoic acid              | 7.992  | 122  | 197064   | 54.977  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.281  | 127  | 297383   | 29.790  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.357  | 225  | 234188   | 46.450  | ng    | 99       |
| 35) Caprolactam               | 8.651  | 113  | 111644m  | 51.688  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.769  | 107  | 371373   | 46.105  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.928  | 142  | 723299   | 39.751  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.028  | 142  | 747959   | 42.681  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.098  | 216  | 376702   | 44.910  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.086  | 237  | 384088   | 125.687 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.210  | 196  | 236484   | 49.690  | ng    | 98       |

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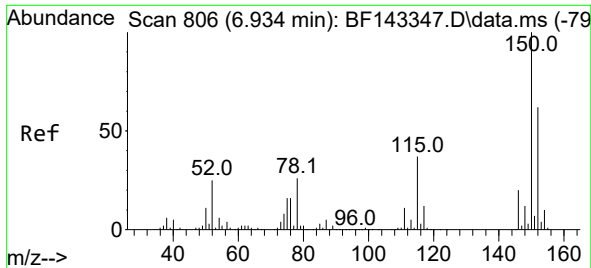
### Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025  
 Supervised By :Jagrut Upadhyay 08/15/2025

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                                |
|-------------------------------|--------|------|----------|--------|-------|----------|--------------------------------|
| 44) 2,4,5-Trichlorophenol     | 9.251  | 196  | 255666   | 47.571 | ng    | 98       | 08/15/2025                     |
| 46) 1,1'-Biphenyl             | 9.392  | 154  | 965508   | 44.548 | ng    | 99       | Supervised By :Jagrut Upadhyay |
| 47) 2-Chloronaphthalene       | 9.416  | 162  | 748550   | 43.853 | ng    | 99       |                                |
| 48) 2-Nitroaniline            | 9.510  | 65   | 237887   | 48.303 | ng    | 97       |                                |
| 49) Acenaphthylene            | 9.833  | 152  | 1205365  | 48.899 | ng    | 100      |                                |
| 50) Dimethylphthalate         | 9.686  | 163  | 869180   | 48.528 | ng    | 100      |                                |
| 51) 2,6-Dinitrotoluene        | 9.751  | 165  | 190890   | 55.808 | ng    | 90       | 08/15/2025                     |
| 52) Acenaphthene              | 10.004 | 154  | 758483   | 46.283 | ng    | 100      |                                |
| 53) 3-Nitroaniline            | 9.922  | 138  | 138955   | 37.883 | ng    | 95       |                                |
| 54) 2,4-Dinitrophenol         | 10.028 | 184  | 145013   | 93.171 | ng    | # 82     |                                |
| 55) Dibenzofuran              | 10.175 | 168  | 1041882  | 44.175 | ng    | 98       |                                |
| 56) 4-Nitrophenol             | 10.086 | 139  | 236880   | 80.750 | ng    | 98       |                                |
| 57) 2,4-Dinitrotoluene        | 10.157 | 165  | 252116   | 55.551 | ng    | 89       |                                |
| 58) Fluorene                  | 10.522 | 166  | 785173   | 43.584 | ng    | 99       |                                |
| 59) 2,3,4,6-Tetrachlorophenol | 10.298 | 232  | 214180   | 59.119 | ng    | 97       |                                |
| 60) Diethylphthalate          | 10.386 | 149  | 790403   | 49.267 | ng    | 99       |                                |
| 61) 4-Chlorophenyl-phenyle... | 10.510 | 204  | 390000   | 44.803 | ng    | 100      |                                |
| 62) 4-Nitroaniline            | 10.533 | 138  | 178839   | 50.394 | ng    | 98       |                                |
| 63) Azobenzene                | 10.669 | 77   | 803297   | 43.837 | ng    | 98       |                                |
| 65) 4,6-Dinitro-2-methylph... | 10.569 | 198  | 115661   | 62.034 | ng    | 86       |                                |
| 66) n-Nitrosodiphenylamine    | 10.628 | 169  | 684414   | 46.921 | ng    | 99       |                                |
| 67) 4-Bromophenyl-phenylether | 10.998 | 248  | 247617   | 48.875 | ng    | 99       |                                |
| 68) Hexachlorobenzene         | 11.075 | 284  | 263304   | 48.215 | ng    | 98       |                                |
| 69) Atrazine                  | 11.151 | 200  | 206268   | 54.217 | ng    | 99       |                                |
| 70) Pentachlorophenol         | 11.269 | 266  | 238029   | 88.377 | ng    | 98       |                                |
| 71) Phenanthrene              | 11.480 | 178  | 1101447  | 45.573 | ng    | 100      |                                |
| 72) Anthracene                | 11.533 | 178  | 1103636  | 45.026 | ng    | 100      |                                |
| 73) Carbazole                 | 11.686 | 167  | 918313   | 43.991 | ng    | 99       |                                |
| 74) Di-n-butylphthalate       | 12.010 | 149  | 1019694  | 57.726 | ng    | 100      |                                |
| 75) Fluoranthene              | 12.669 | 202  | 959076   | 45.301 | ng    | 99       |                                |
| 77) Benzidine                 | 12.786 | 184  | 448495   | 61.227 | ng    | 99       |                                |
| 78) Pyrene                    | 12.898 | 202  | 958541   | 42.645 | ng    | 100      |                                |
| 80) Butylbenzylphthalate      | 13.510 | 149  | 316736   | 69.681 | ng    | 96       |                                |
| 81) Benzo(a)anthracene        | 14.086 | 228  | 792229   | 46.520 | ng    | 99       |                                |
| 82) 3,3'-Dichlorobenzidine    | 14.045 | 252  | 176392   | 38.359 | ng    | 99       |                                |
| 83) Chrysene                  | 14.127 | 228  | 758241   | 47.750 | ng    | 100      |                                |
| 84) Bis(2-ethylhexyl)phtha... | 14.068 | 149  | 431370   | 64.528 | ng    | 98       |                                |
| 85) Di-n-octyl phthalate      | 14.686 | 149  | 817569   | 60.987 | ng    | 94       |                                |
| 87) Indeno(1,2,3-cd)pyrene    | 17.127 | 276  | 1165050  | 47.254 | ng    | 99       |                                |
| 88) Benzo(b)fluoranthene      | 15.157 | 252  | 914618   | 48.591 | ng    | 99       |                                |
| 89) Benzo(k)fluoranthene      | 15.186 | 252  | 838259   | 45.832 | ng    | 99       |                                |
| 90) Benzo(a)pyrene            | 15.533 | 252  | 881315   | 49.713 | ng    | 99       |                                |
| 91) Dibenzo(a,h)anthracene    | 17.139 | 278  | 936697   | 47.556 | ng    | 98       |                                |
| 92) Benzo(g,h,i)perylene      | 17.586 | 276  | 943364   | 47.544 | ng    | 100      |                                |

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





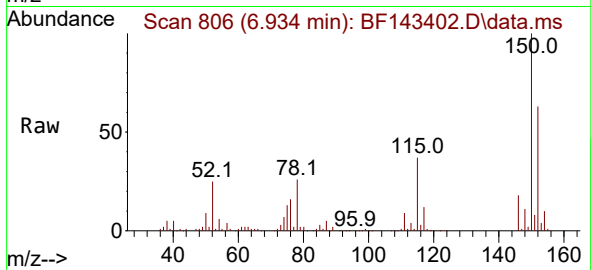
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.934 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: BF143402.D  
 Acq: 15 Aug 2025 05:23

Instrument :

BNA\_F

ClientSampleId :

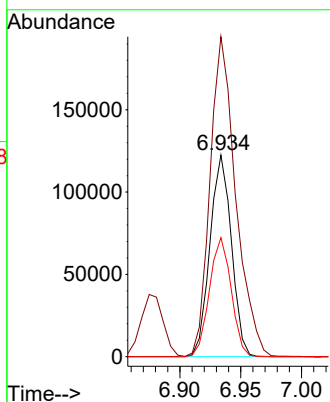
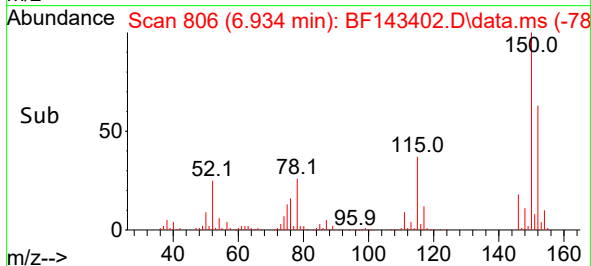
PB169230BSD



Tgt Ion:152 Resp: 150462  
 Ion Ratio Lower Upper  
 152 100  
 150 158.7 129.8 194.8  
 115 59.1 47.8 71.8

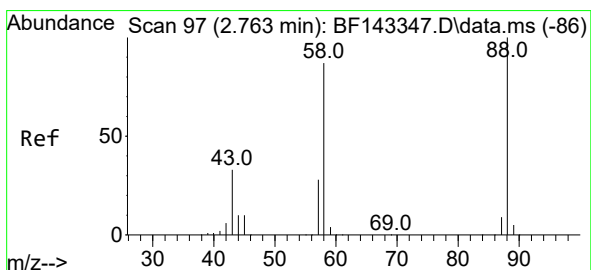
Manual Integrations  
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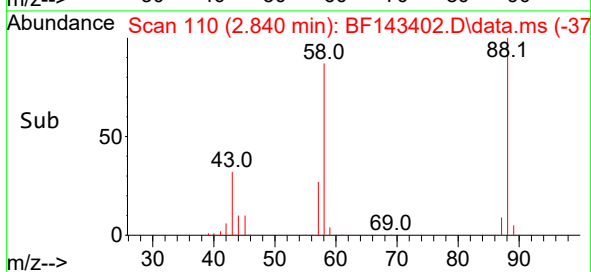
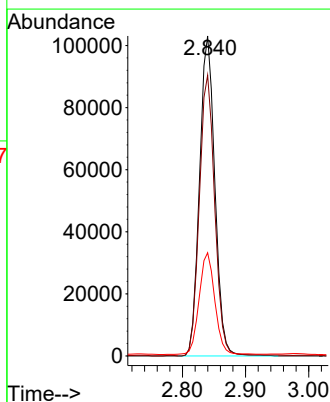
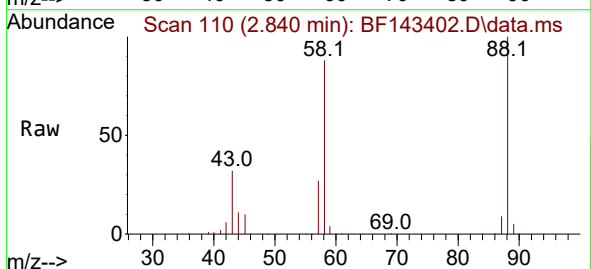
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 Upadhyay

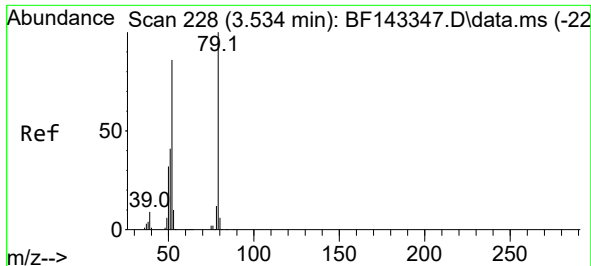
08/15/2025



#2  
 1,4-Dioxane  
 Concen: 38.637 ng  
 RT: 2.840 min Scan# 110  
 Delta R.T. 0.076 min  
 Lab File: BF143402.D  
 Acq: 15 Aug 2025 05:23

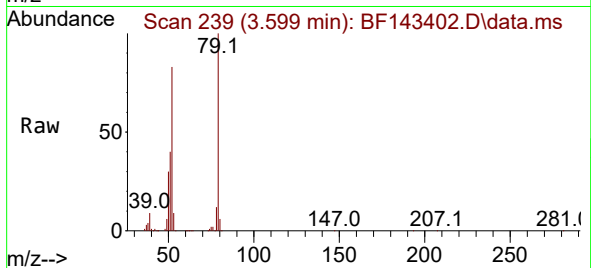
Tgt Ion: 88 Resp: 173960  
 Ion Ratio Lower Upper  
 88 100  
 58 88.0 71.0 106.6  
 43 32.7 27.0 40.6





#3  
Pyridine  
Concen: 35.656 ng  
RT: 3.599 min Scan# 21  
Delta R.T. 0.065 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

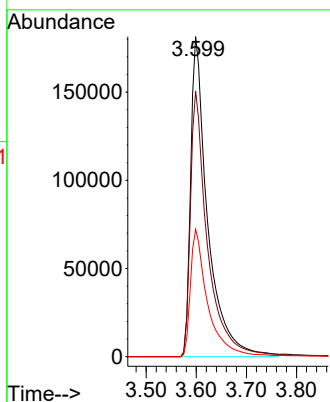
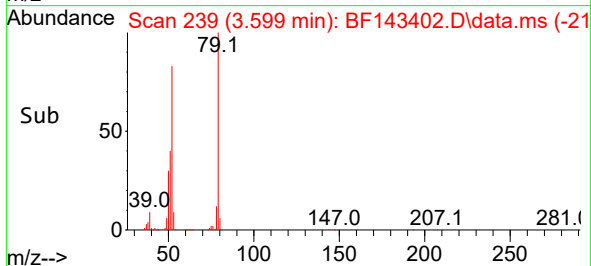
Instrument :  
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ClientSampleId :  
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Tgt Ion: 79 Resp: 42780  
Ion Ratio Lower Upper  
79 100  
52 83.1 68.7 103.1  
51 39.8 33.4 50.0

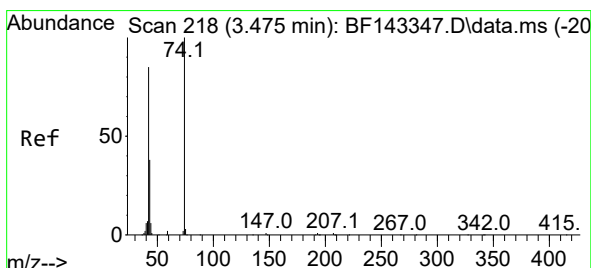
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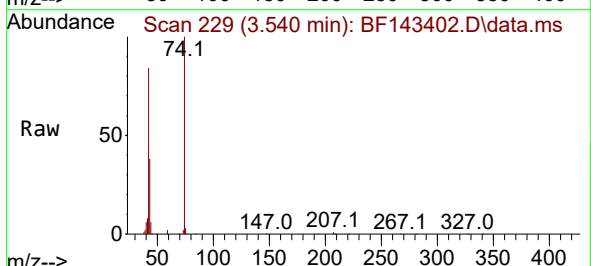


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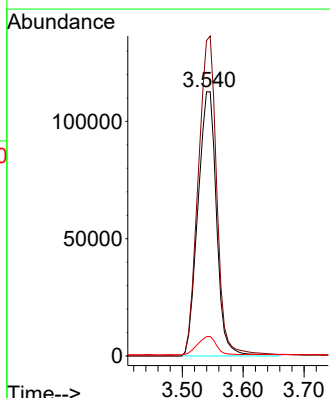
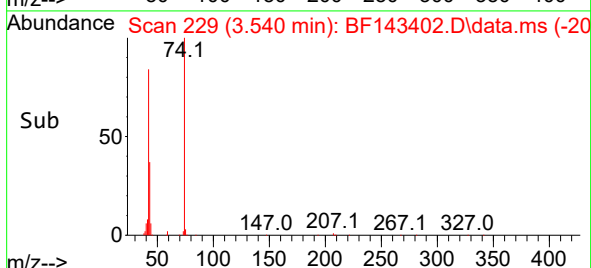
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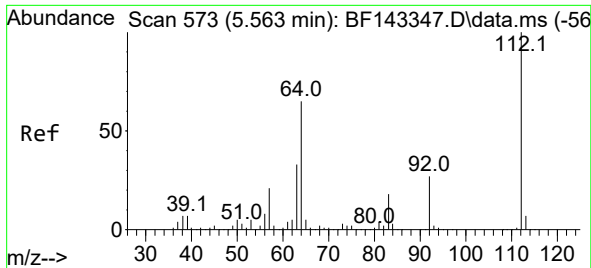


#4  
n-Nitrosodimethylamine  
Concen: 42.848 ng  
RT: 3.540 min Scan# 229  
Delta R.T. 0.065 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



Tgt Ion: 42 Resp: 239474  
Ion Ratio Lower Upper  
42 100  
74 119.4 94.1 141.1  
44 7.3 6.5 9.7





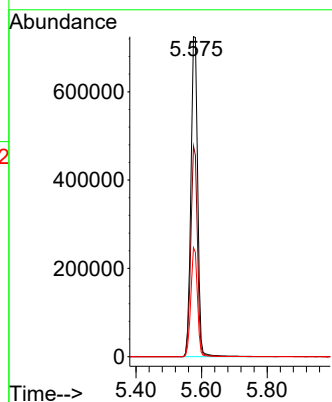
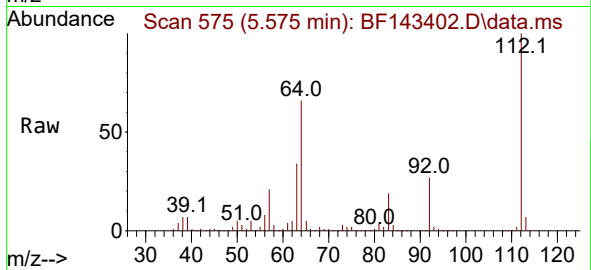
#5  
2-Fluorophenol  
Concen: 119.365 ng  
RT: 5.575 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

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BNA\_F  
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Tgt Ion:112 Resp: 103858  
Ion Ratio Lower Upper  
112 100  
64 65.8 52.1 78.1  
63 34.1 26.6 39.8

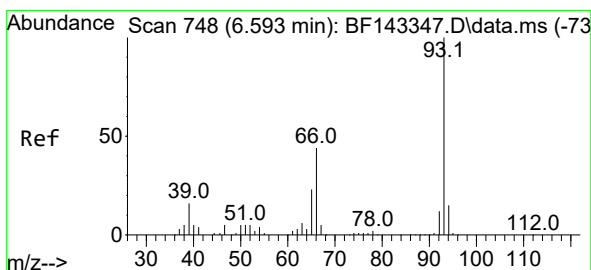
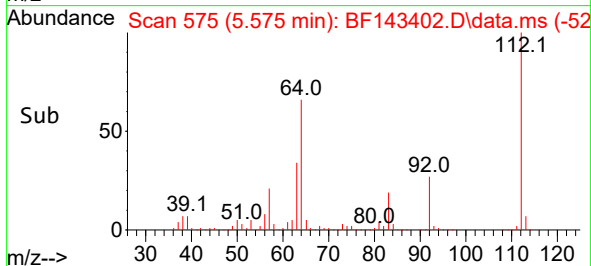
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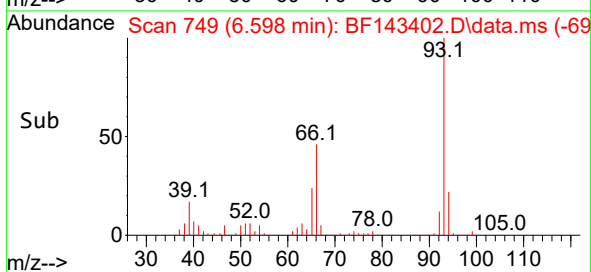
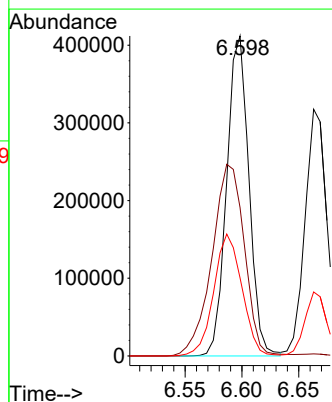
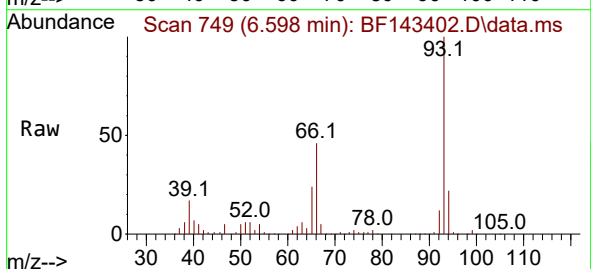
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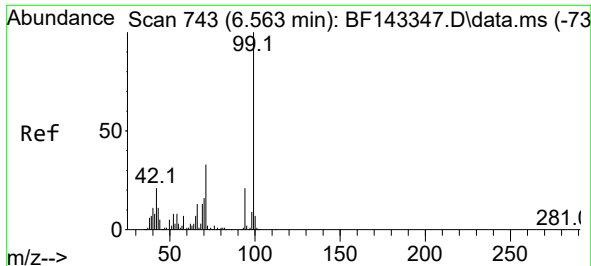
08/15/2025



#6  
Aniline  
Concen: 35.614 ng  
RT: 6.598 min Scan# 749  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

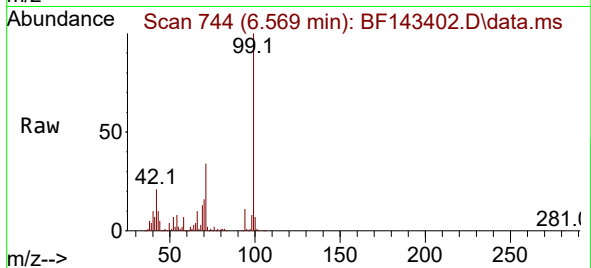
Tgt Ion: 93 Resp: 560227  
Ion Ratio Lower Upper  
93 100  
66 46.4 35.3 52.9  
65 24.4 18.2 27.4





#7  
Phenol-d6  
Concen: 117.744 ng  
RT: 6.569 min Scan# 743  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

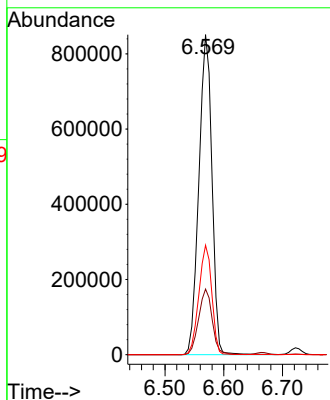
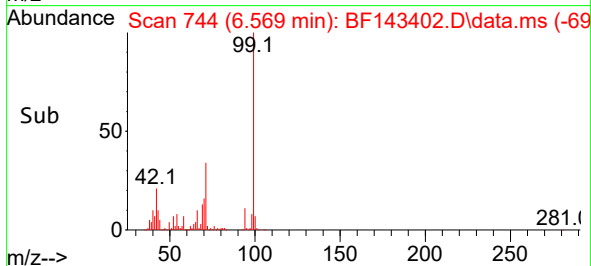
Instrument :  
BNA\_F  
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Tgt Ion: 99 Resp: 131376  
Ion Ratio Lower Upper  
99 100  
42 20.5 16.6 25.0  
71 34.2 26.2 39.2

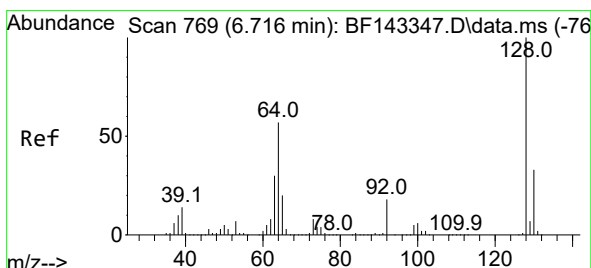
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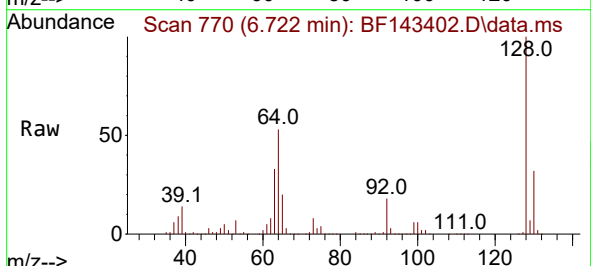


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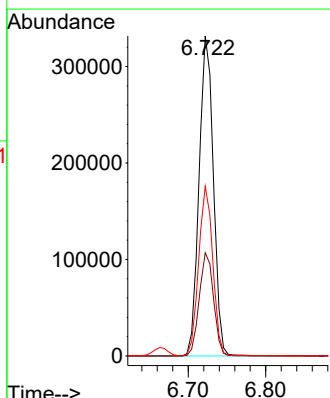
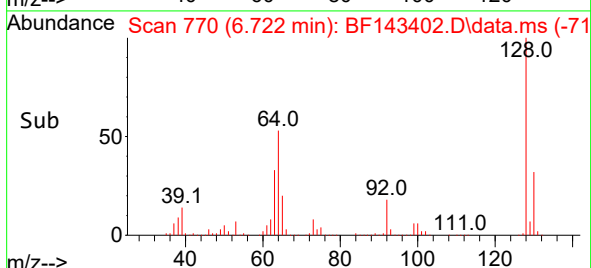
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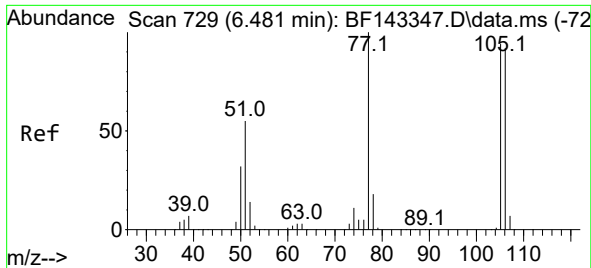


#8  
2-Chlorophenol  
Concen: 45.806 ng  
RT: 6.722 min Scan# 770  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



Tgt Ion:128 Resp: 425874  
Ion Ratio Lower Upper  
128 100  
130 32.3 12.6 52.6  
64 53.0 36.7 76.7





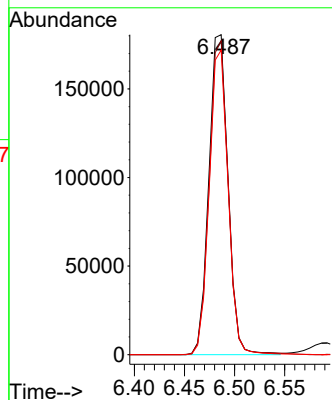
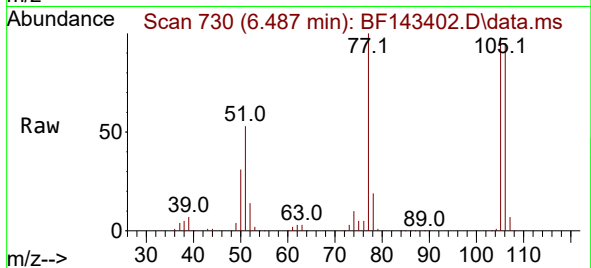
#9  
Benzaldehyde  
Concen: 32.562 ng  
RT: 6.487 min Scan# 729  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD

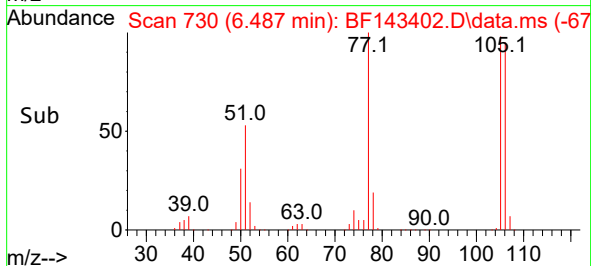
Tgt Ion: 77 Resp: 240135  
Ion Ratio Lower Upper  
77 100  
105 98.1 74.2 114.2  
106 95.2 72.2 112.2

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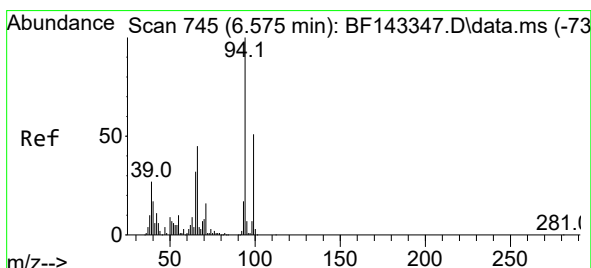
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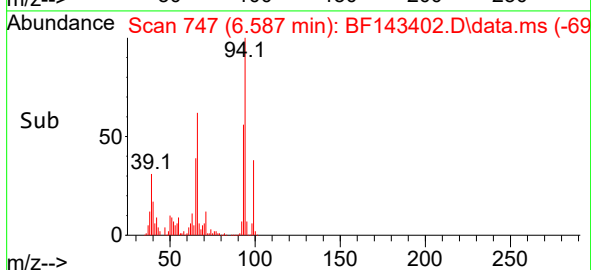
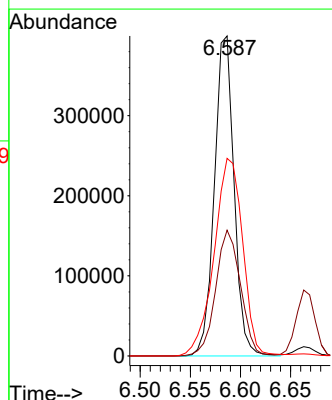
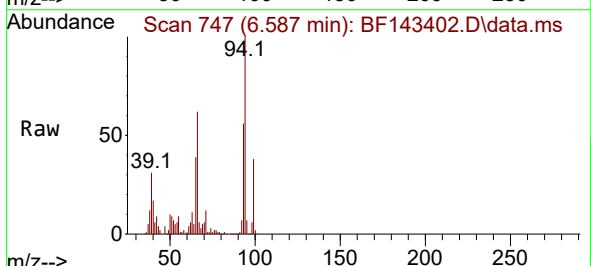


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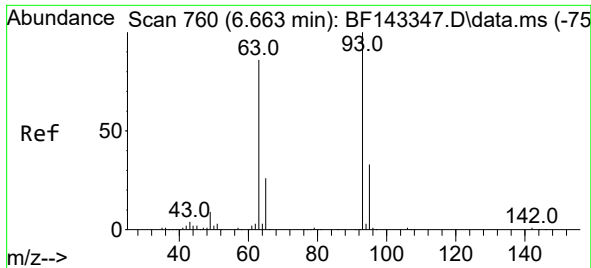


#10  
Phenol  
Concen: 41.341 ng  
RT: 6.587 min Scan# 747  
Delta R.T. 0.012 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Tgt Ion: 94 Resp: 546457  
Ion Ratio Lower Upper  
94 100  
65 39.3 12.0 52.0  
66 61.7 25.6 65.6

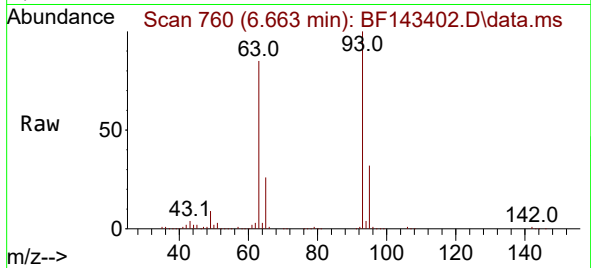






#11  
bis(2-Chloroethyl)ether  
Concen: 42.740 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.000 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

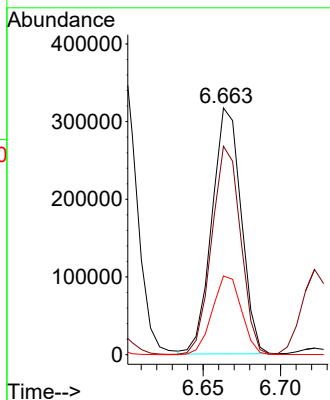
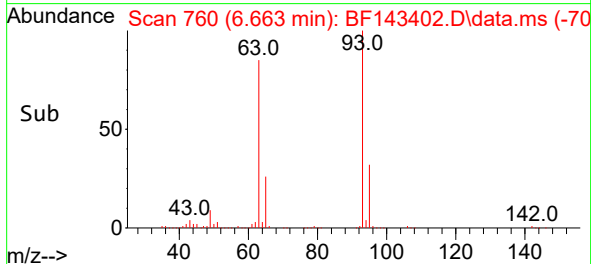
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion: 93 Resp: 416370  
Ion Ratio Lower Upper  
93 100  
63 84.5 65.7 105.7  
95 31.9 13.0 53.0

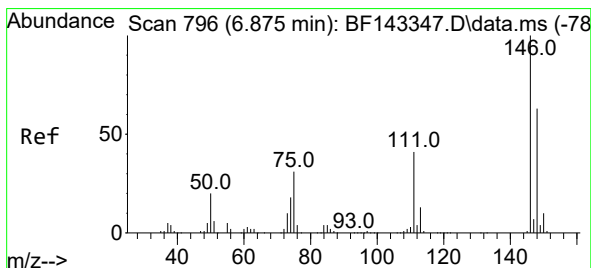
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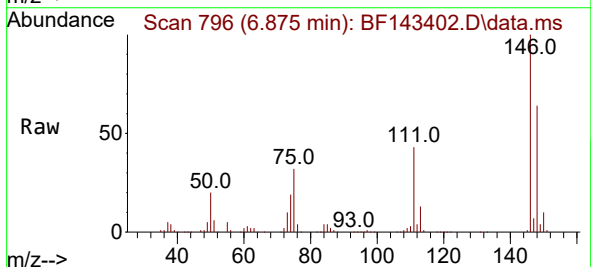


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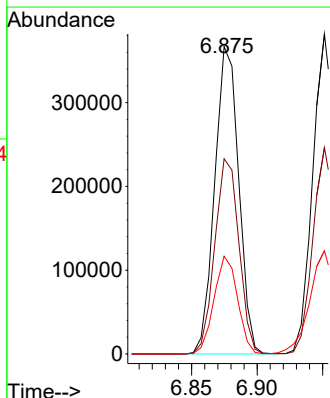
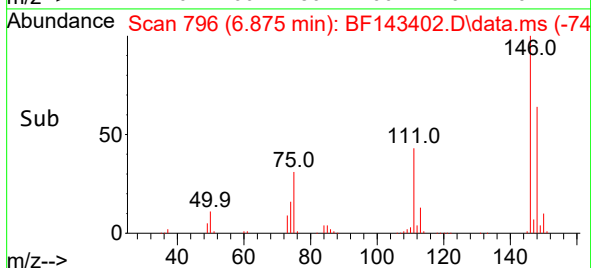
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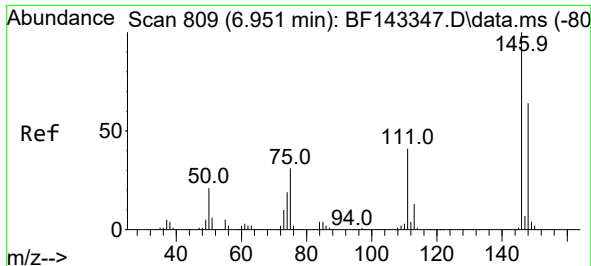


#12  
1,3-Dichlorobenzene  
Concen: 43.513 ng  
RT: 6.875 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



Tgt Ion:146 Resp: 466630  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.5 75.7  
75 31.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 43.846 ng

RT: 6.951 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA\_F

ClientSampleId :

PB169230BSD

Tgt Ion:146 Resp: 471920

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

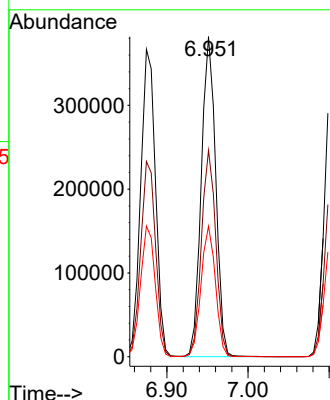
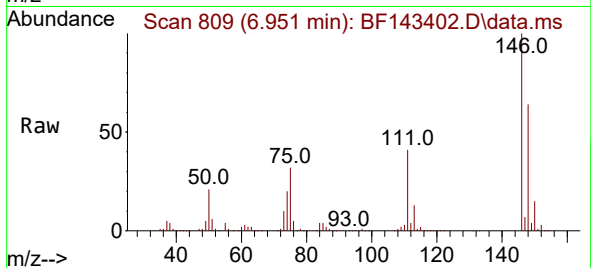
111 40.8 32.6 48.8

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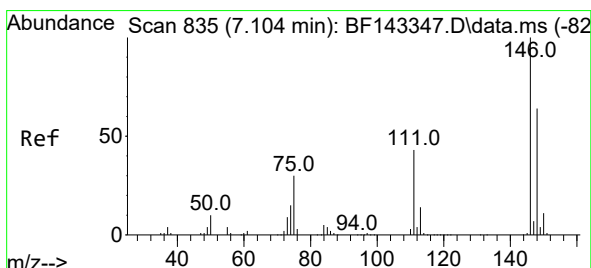
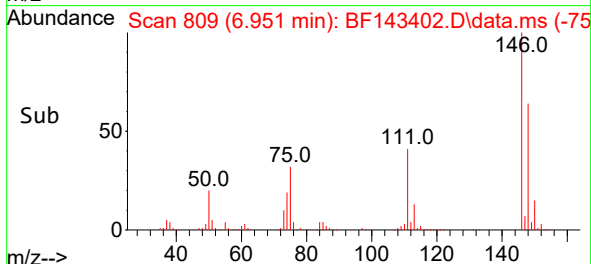


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#14

1,2-Dichlorobenzene

Concen: 45.050 ng

RT: 7.104 min Scan# 835

Delta R.T. -0.000 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

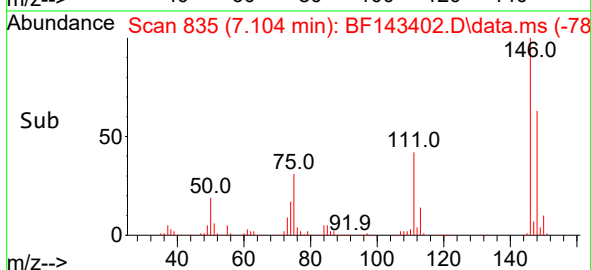
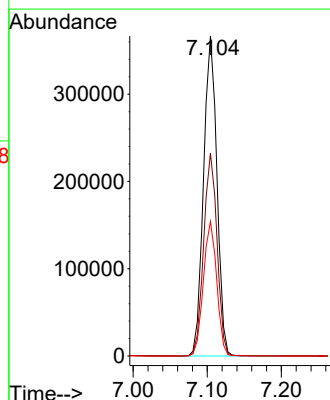
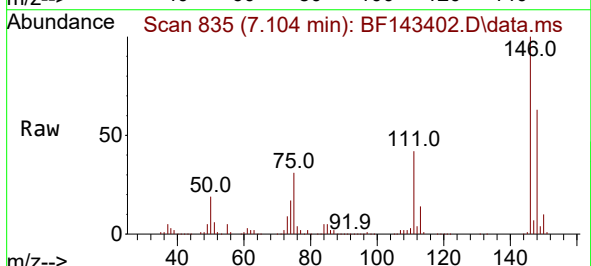
Tgt Ion:146 Resp: 460268

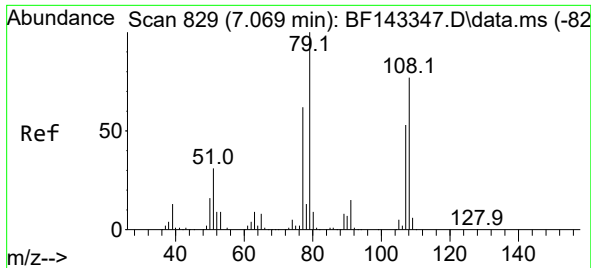
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

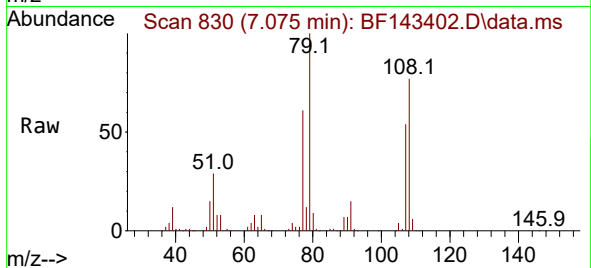
111 42.0 34.1 51.1





#15  
Benzyl Alcohol  
Concen: 47.158 ng  
RT: 7.075 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

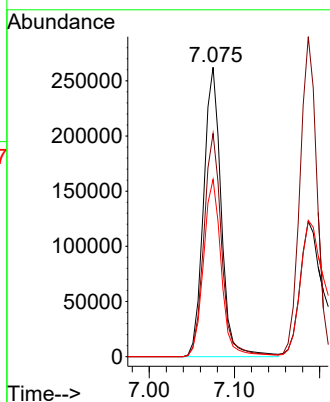
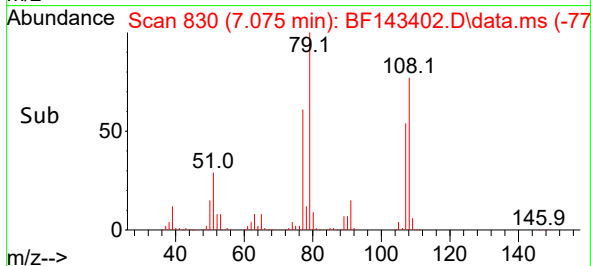
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion: 79 Resp: 377170  
Ion Ratio Lower Upper  
79 100  
108 77.1 61.5 92.3  
77 61.2 49.8 74.8

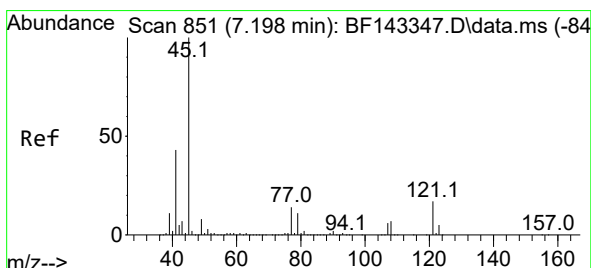
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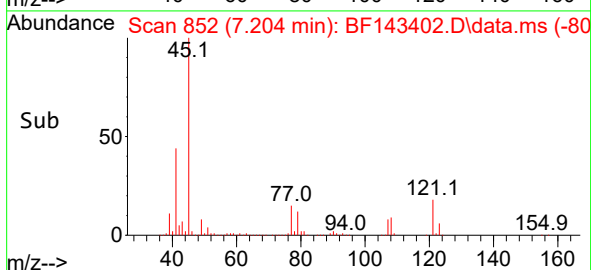
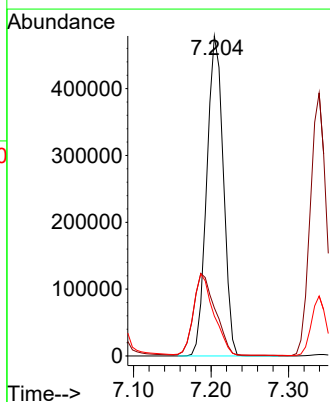
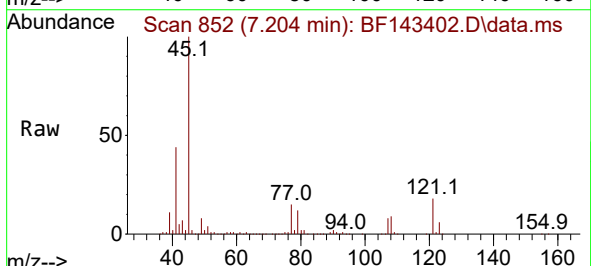
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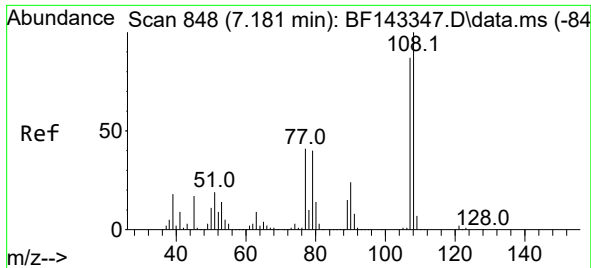
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.791 ng  
RT: 7.204 min Scan# 852  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

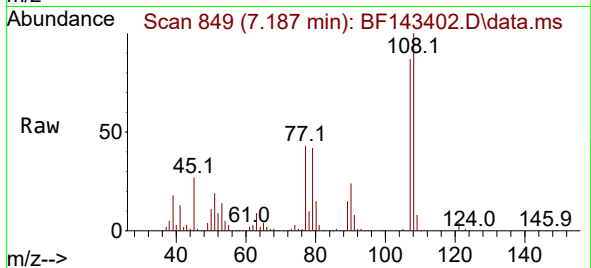
Tgt Ion: 45 Resp: 709436  
Ion Ratio Lower Upper  
45 100  
77 15.0 0.0 34.0  
79 12.4 0.0 31.1





#17  
2-Methylphenol  
Concen: 44.542 ng  
RT: 7.187 min Scan# 848  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

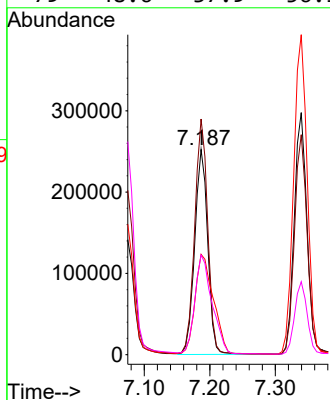
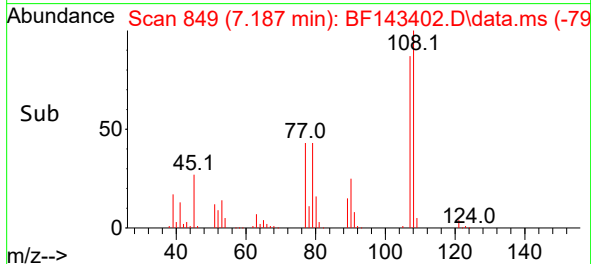
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:107 Resp: 349564  
Ion Ratio Lower Upper  
107 100  
108 114.9 92.0 138.0  
77 48.9 38.2 57.2  
79 48.6 37.9 56.9

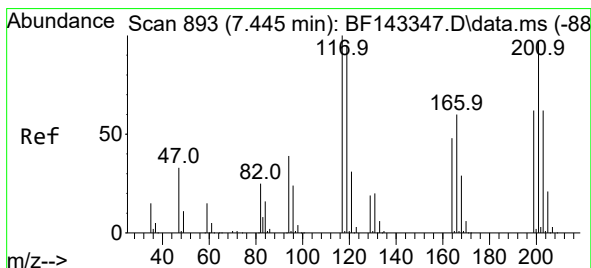
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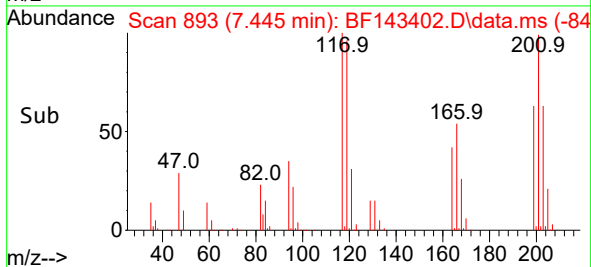
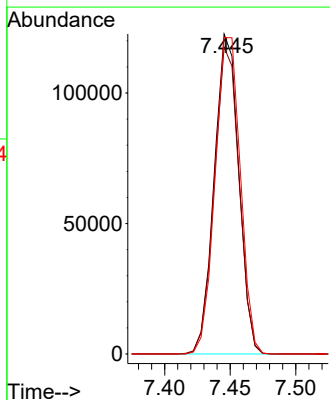
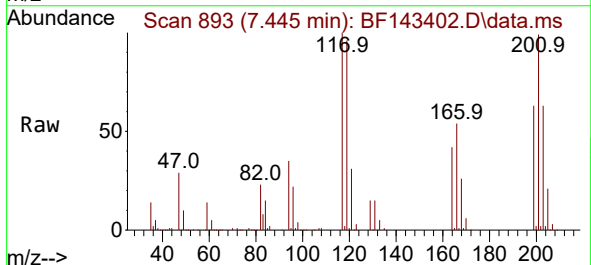
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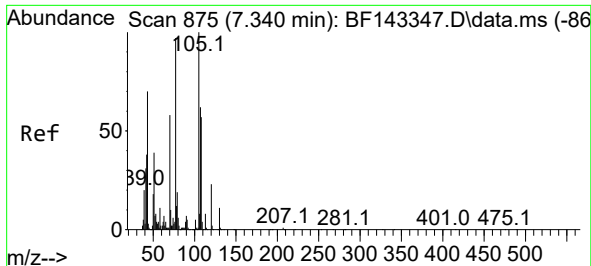
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#18  
Hexachloroethane  
Concen: 47.303 ng  
RT: 7.445 min Scan# 893  
Delta R.T. -0.000 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

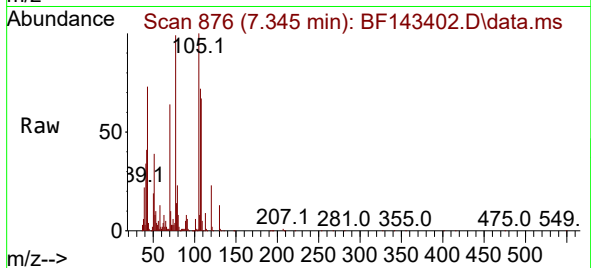
Tgt Ion:117 Resp: 159619  
Ion Ratio Lower Upper  
117 100  
119 95.9 75.8 113.8  
201 98.9 77.2 115.8





#19  
n-Nitroso-di-n-propylamine  
Concen: 42.846 ng  
RT: 7.345 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

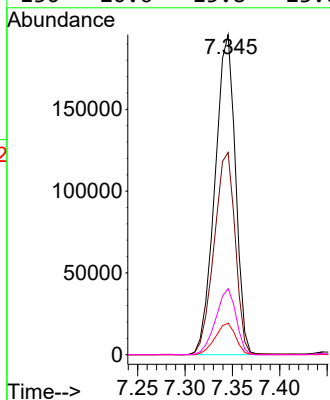
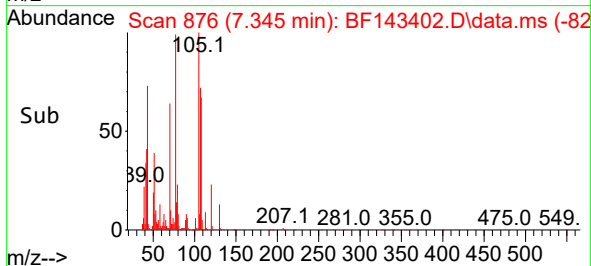
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion: 70 Resp: 295402  
Ion Ratio Lower Upper  
70 100  
42 63.2 51.6 77.4  
101 9.9 7.5 11.3  
130 20.6 15.8 23.6

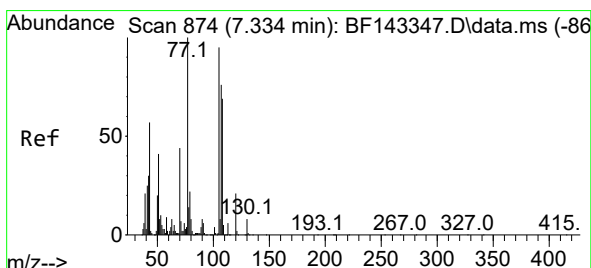
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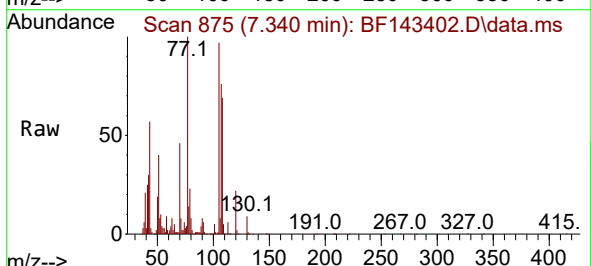


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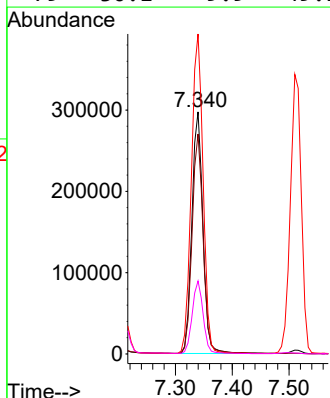
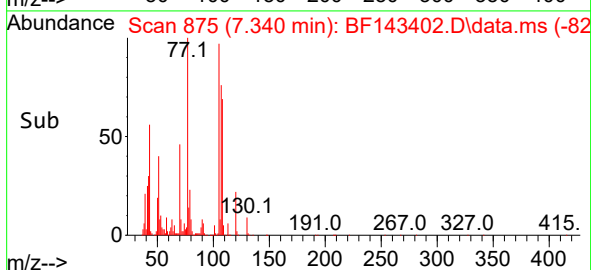
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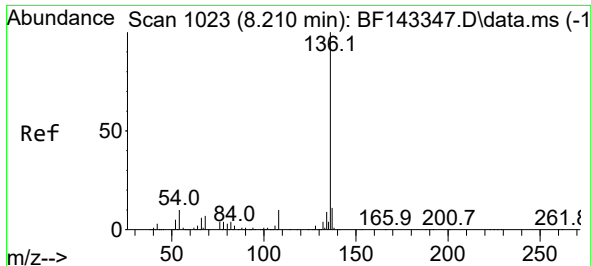


#20  
3+4-Methylphenols  
Concen: 42.606 ng  
RT: 7.340 min Scan# 875  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



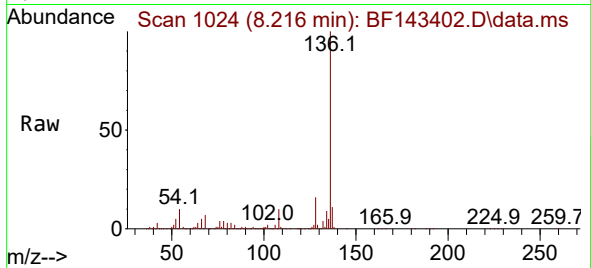
Tgt Ion:107 Resp: 404381  
Ion Ratio Lower Upper  
107 100  
108 90.9 70.6 110.6  
77 132.2 112.0 152.0  
79 30.1 9.9 49.9





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.216 min Scan# 1024  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

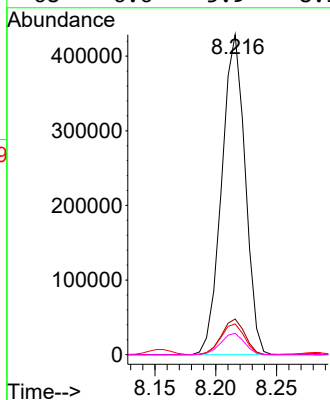
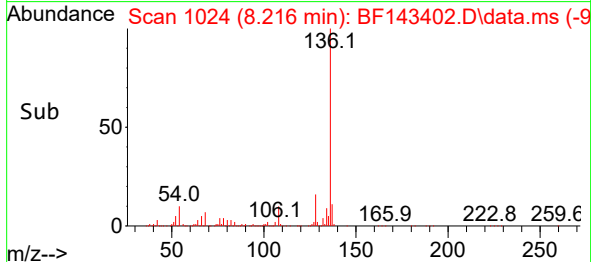
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:136 Resp: 57519  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 9.6 8.4 12.6  
68 6.6 5.9 8.9

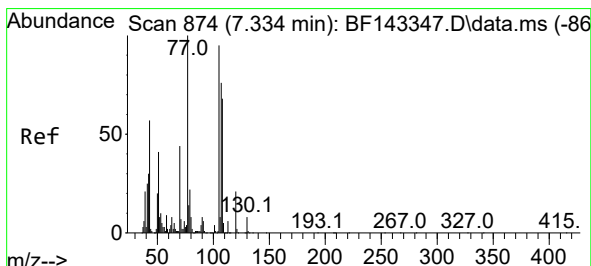
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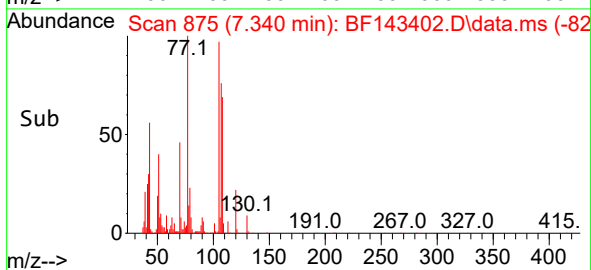
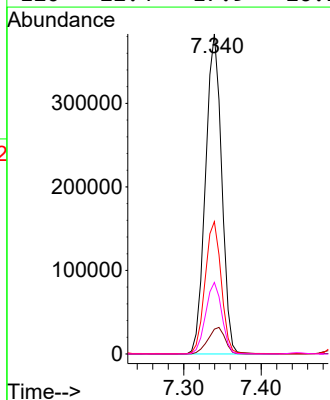
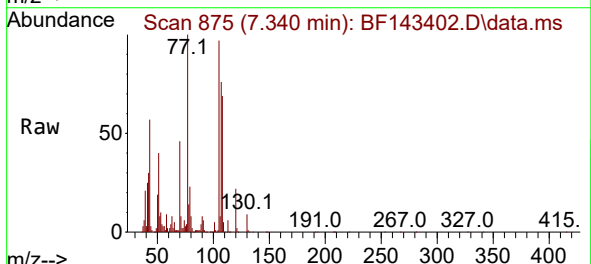
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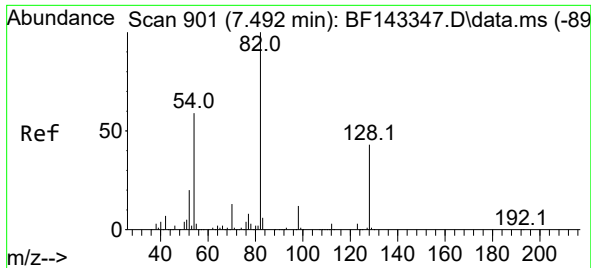
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#22  
Acetophenone  
Concen: 43.858 ng  
RT: 7.340 min Scan# 875  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Tgt Ion:105 Resp: 555835  
Ion Ratio Lower Upper  
105 100  
71 7.7 6.2 9.4  
51 41.3 34.8 52.2  
120 22.4 17.9 26.9





#23

Nitrobenzene-d5

Concen: 94.248 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA\_F

ClientSampleId :

PB169230BSD

Tgt Ion: 82 Resp: 87053

Ion Ratio Lower Upper

82 100

128 43.8 33.5 50.3

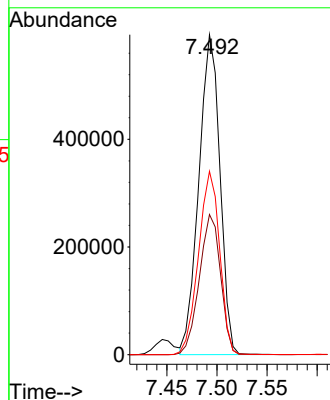
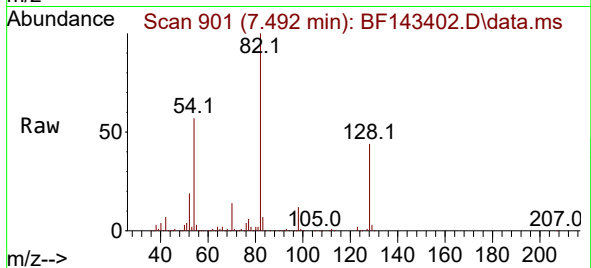
54 57.3 46.7 70.1

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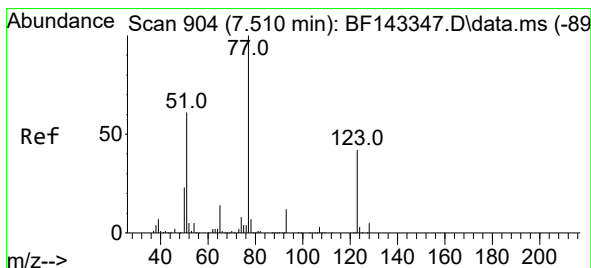
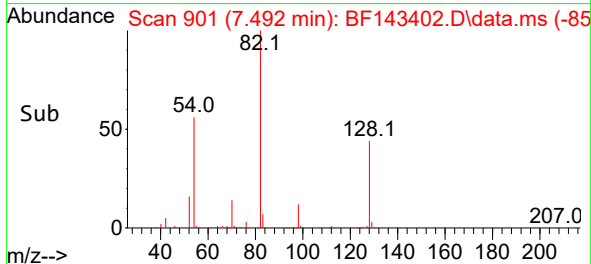
Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



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Upadhyay

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#24

Nitrobenzene

Concen: 45.777 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

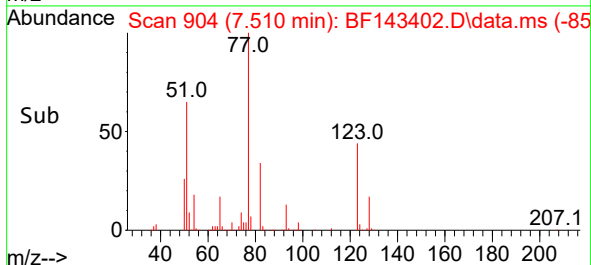
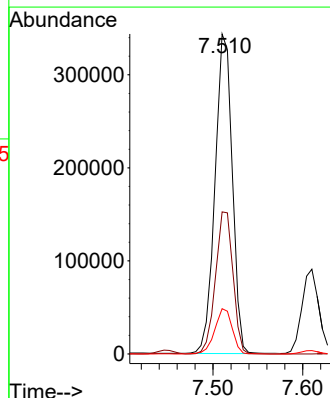
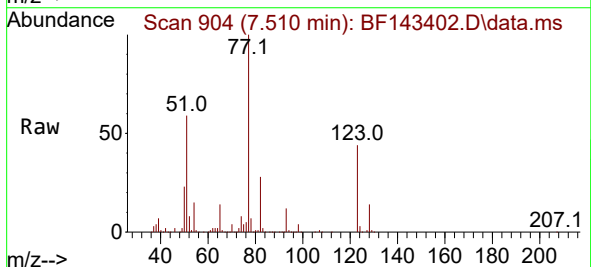
Tgt Ion: 77 Resp: 459202

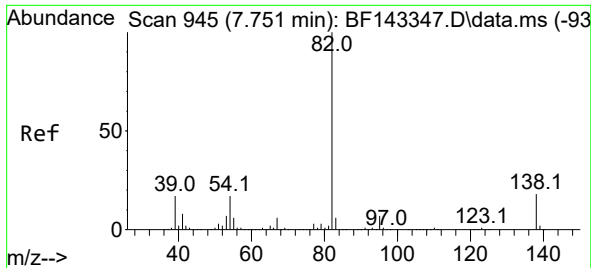
Ion Ratio Lower Upper

77 100

123 44.4 34.8 52.2

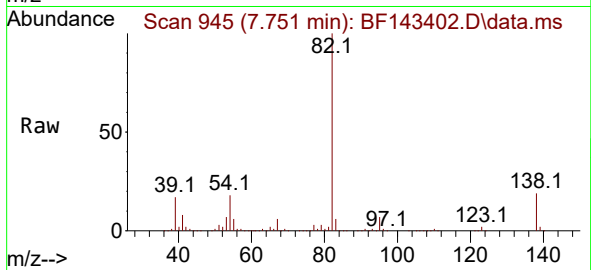
65 14.2 11.0 16.6





#25  
Isophorone  
Concen: 44.692 ng  
RT: 7.751 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

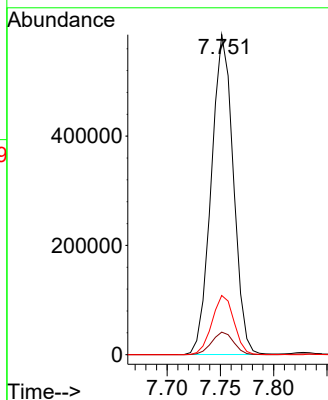
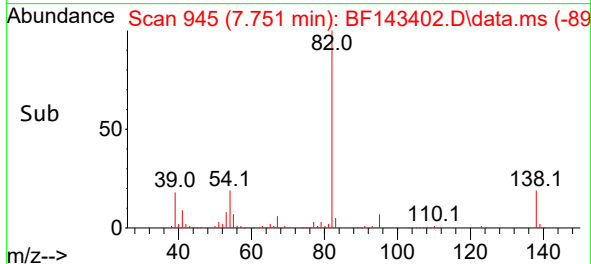
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion: 82 Resp: 842700  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.5 8.3  
138 18.5 14.6 21.8

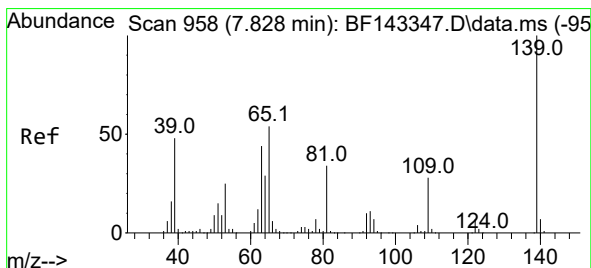
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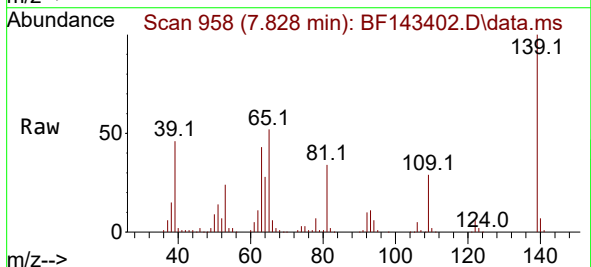


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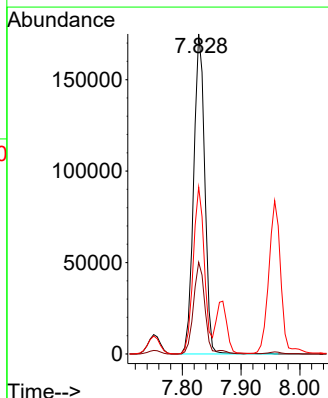
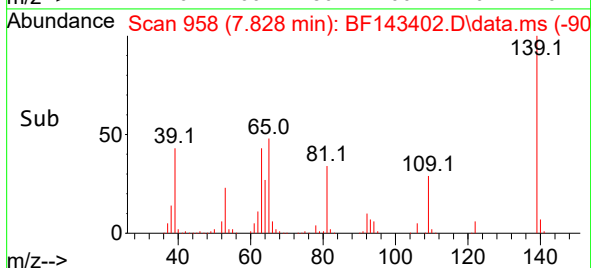
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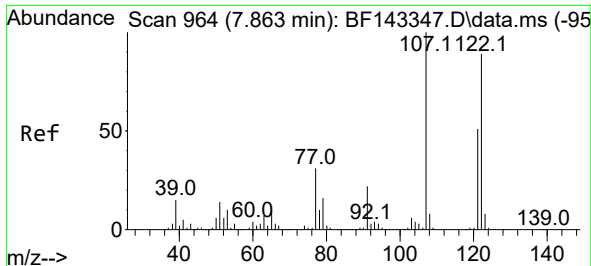
#26  
2-Nitrophenol  
Concen: 56.559 ng  
RT: 7.828 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



Tgt Ion:139 Resp: 230190  
Ion Ratio Lower Upper  
139 100  
109 28.6 22.4 33.6  
65 52.2 42.9 64.3







#27  
2,4-Dimethylphenol  
Concen: 49.675 ng  
RT: 7.869 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Instrument :

BNA\_F

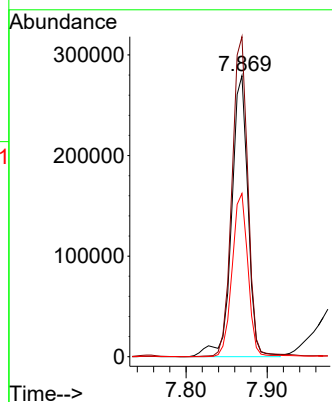
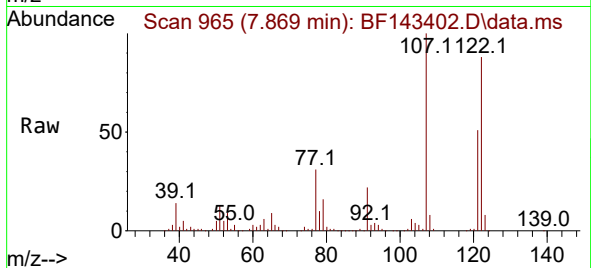
ClientSampleId :

PB169230BSD

Tgt Ion:122 Resp: 39077  
Ion Ratio Lower Upper  
122 100  
107 113.9 89.9 134.9  
121 58.1 46.2 69.4

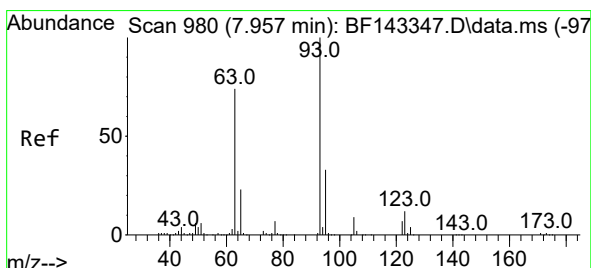
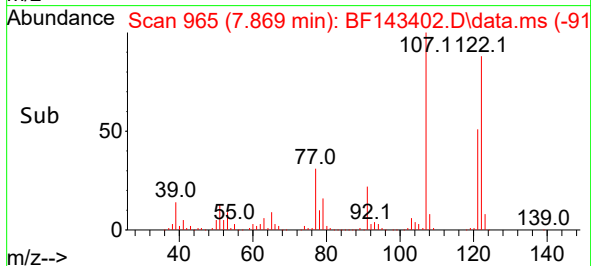
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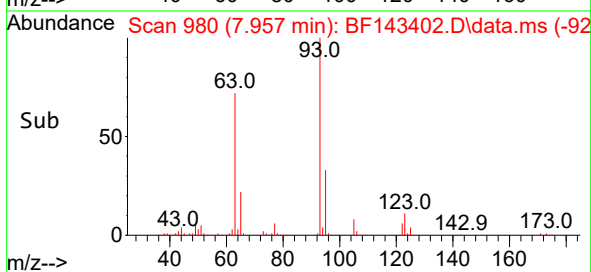
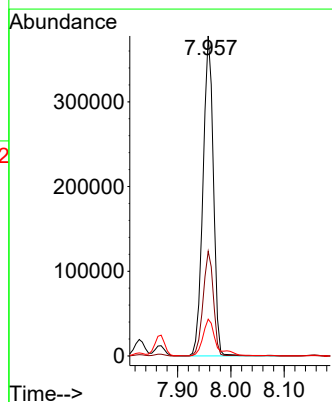
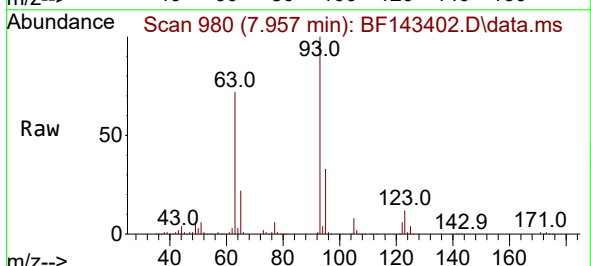
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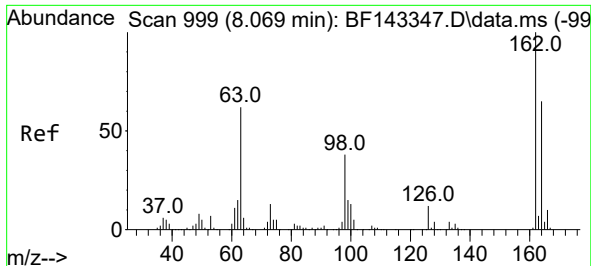
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#28  
bis(2-Chloroethoxy)methane  
Concen: 44.346 ng  
RT: 7.957 min Scan# 980  
Delta R.T. -0.000 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Tgt Ion: 93 Resp: 510531  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.2 39.4  
123 11.5 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 46.797 ng

RT: 8.075 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA\_F

ClientSampleId :

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Tgt Ion:162 Resp: 359560

Ion Ratio Lower Upper

162 100

164 64.2 44.5 84.5

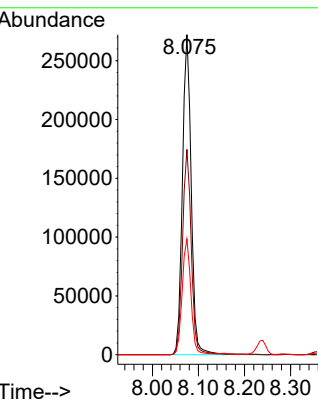
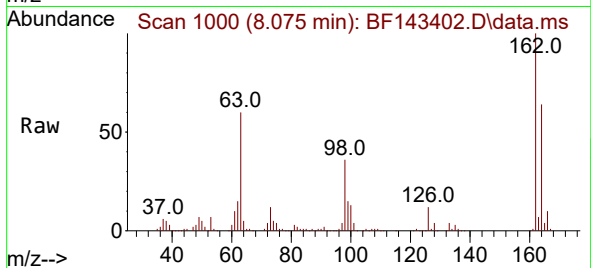
98 36.2 17.7 57.7

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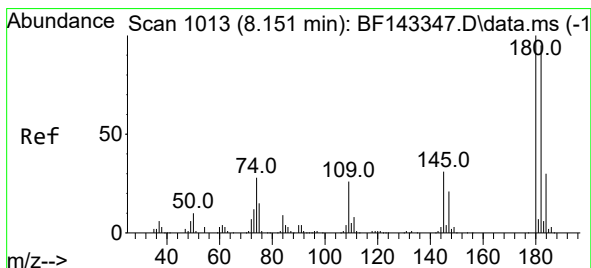
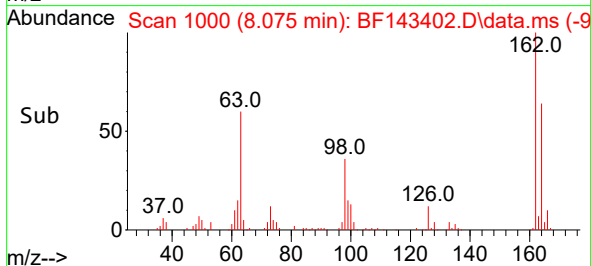


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#30

1,2,4-Trichlorobenzene

Concen: 47.395 ng

RT: 8.157 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

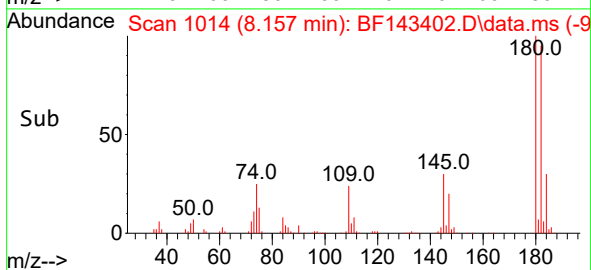
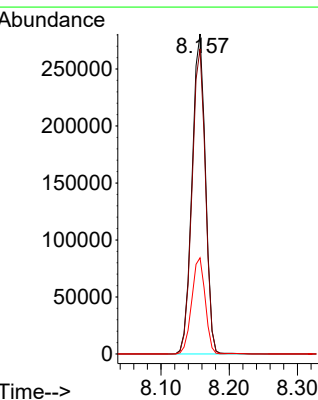
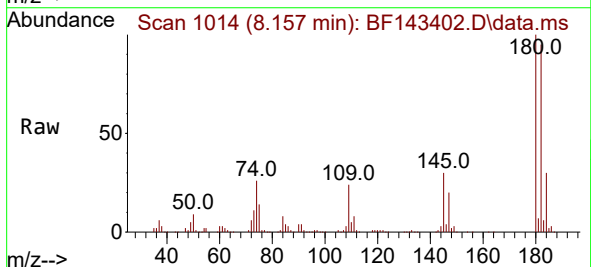
Tgt Ion:180 Resp: 384129

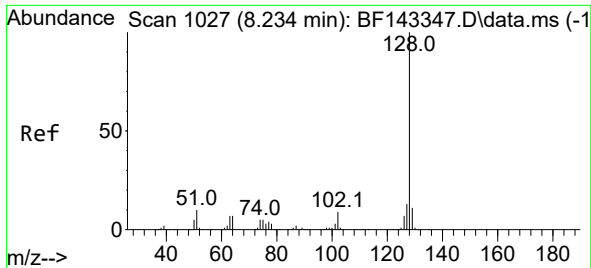
Ion Ratio Lower Upper

180 100

182 95.3 76.1 114.1

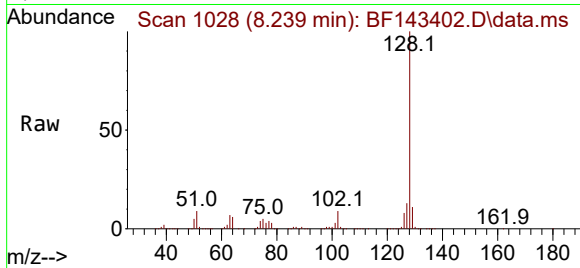
145 30.0 24.9 37.3





#31  
Naphthalene  
Concen: 43.007 ng  
RT: 8.239 min Scan# 1028  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

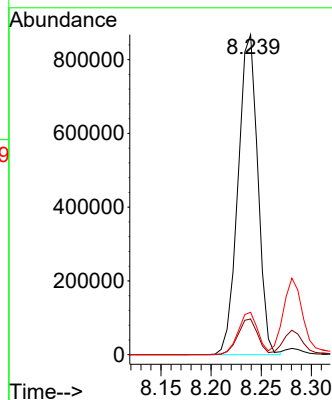
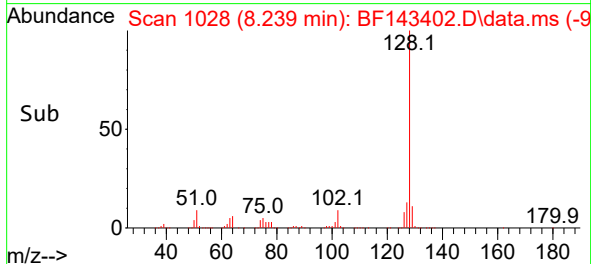
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:128 Resp: 119031  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.6  
127 13.3 10.7 16.1

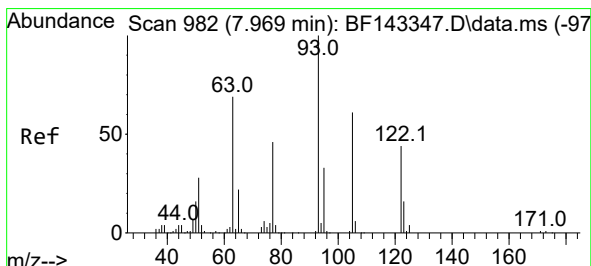
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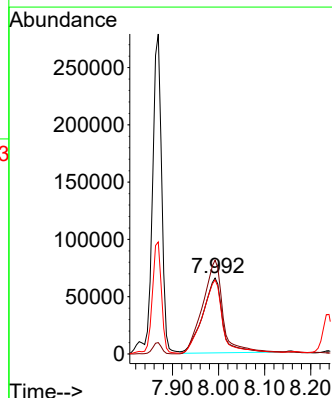
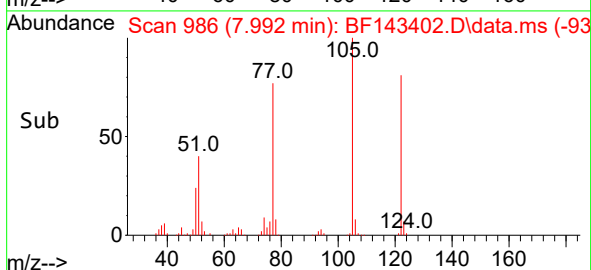
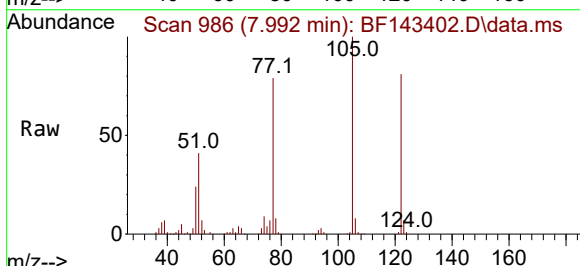
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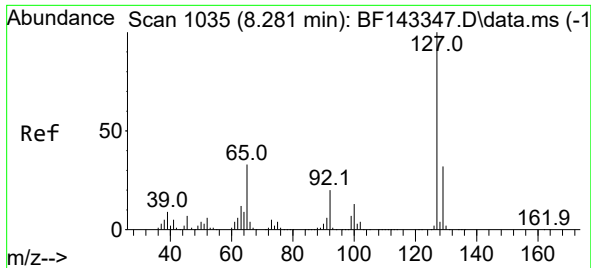
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#32  
Benzoic acid  
Concen: 54.977 ng  
RT: 7.992 min Scan# 986  
Delta R.T. 0.023 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

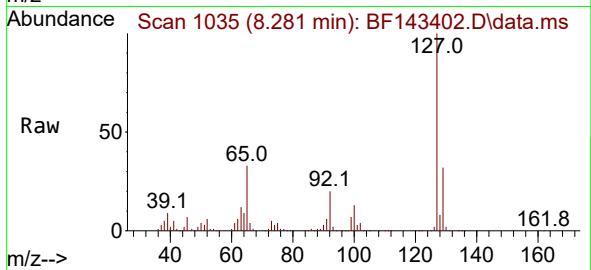
Tgt Ion:122 Resp: 197064  
Ion Ratio Lower Upper  
122 100  
105 123.5 106.4 146.4  
77 97.6 79.2 119.2





#33  
4-Chloroaniline  
Concen: 29.790 ng  
RT: 8.281 min Scan# 1035  
Delta R.T. -0.000 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

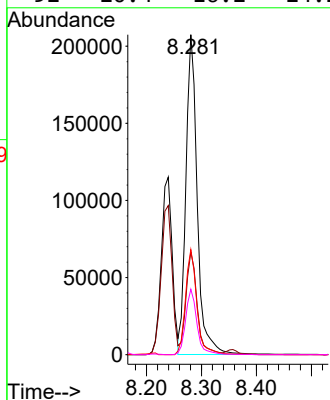
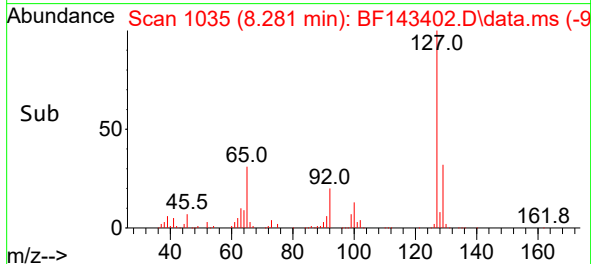
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:127 Resp: 29738  
Ion Ratio Lower Upper  
127 100  
129 32.1 26.0 39.0  
65 32.8 27.0 40.4  
92 20.4 16.2 24.2

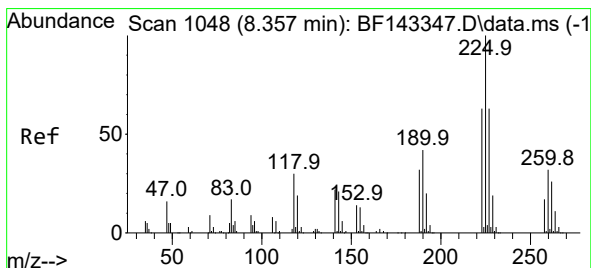
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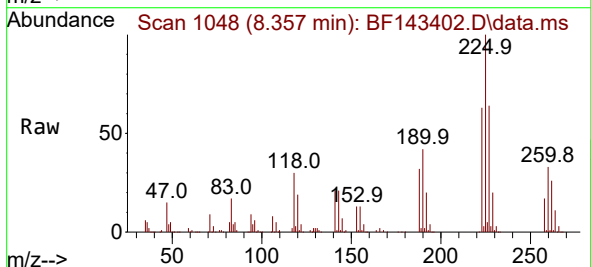


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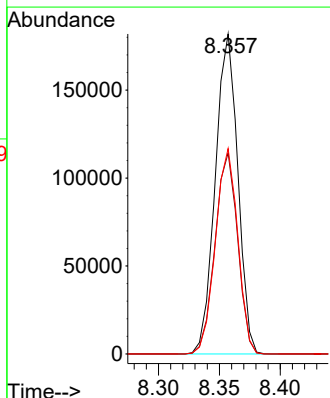
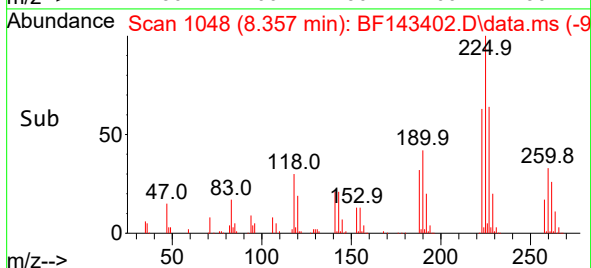
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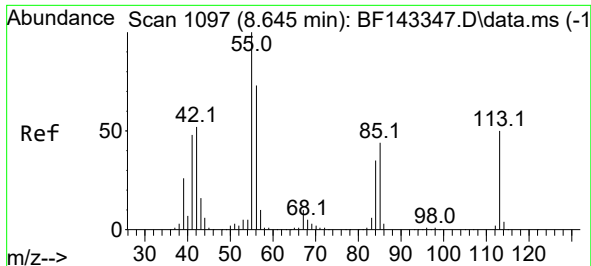


#34  
Hexachlorobutadiene  
Concen: 46.450 ng  
RT: 8.357 min Scan# 1048  
Delta R.T. -0.000 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



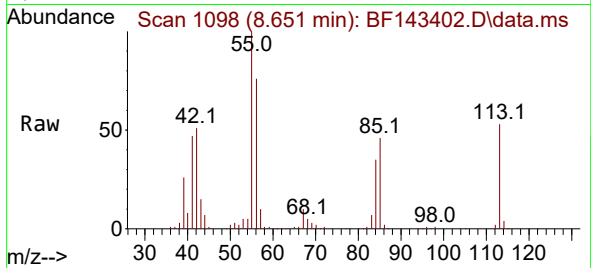
Tgt Ion:225 Resp: 234188  
Ion Ratio Lower Upper  
225 100  
223 62.8 50.1 75.1  
227 64.2 50.6 75.8





#35  
Caprolactam  
Concen: 51.688 ng m  
RT: 8.651 min Scan# 11164  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

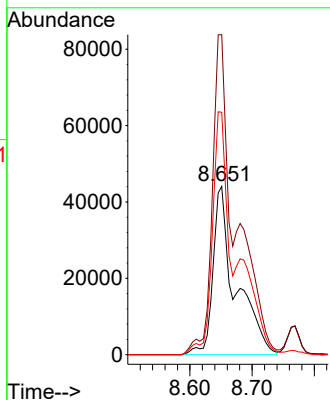
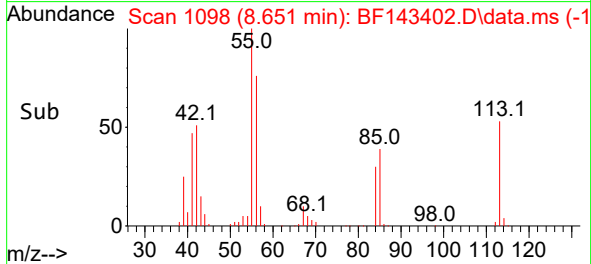
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:113 Resp: 11164  
Ion Ratio Lower Upper  
113 100  
55 190.1 181.4 221.4  
56 144.0 127.3 167.3

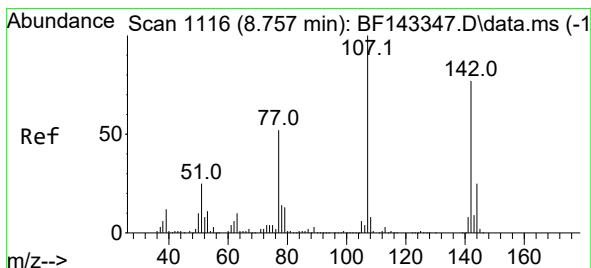
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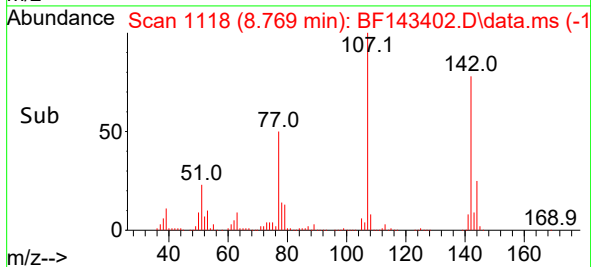
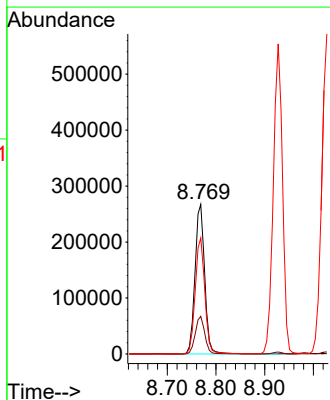
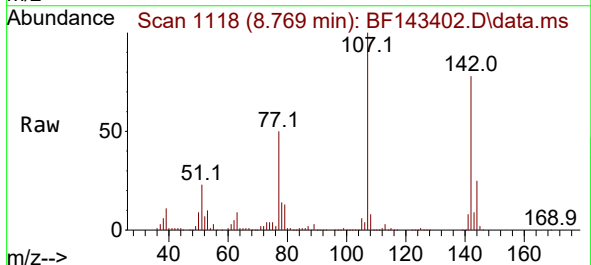
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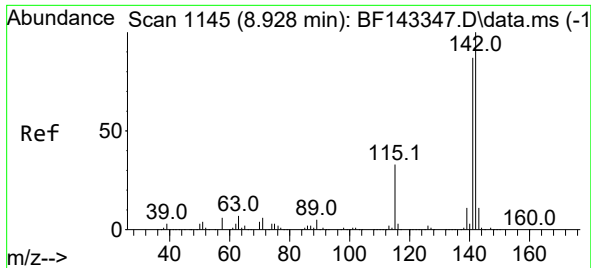
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#36  
4-Chloro-3-methylphenol  
Concen: 46.105 ng  
RT: 8.769 min Scan# 1118  
Delta R.T. 0.012 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Tgt Ion:107 Resp: 371373  
Ion Ratio Lower Upper  
107 100  
144 25.1 20.0 30.0  
142 77.6 61.3 91.9





#37  
2-Methylnaphthalene  
Concen: 39.751 ng  
RT: 8.928 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Instrument :

BNA\_F

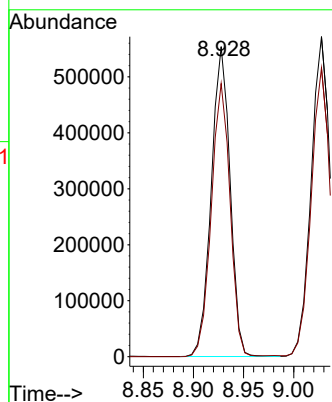
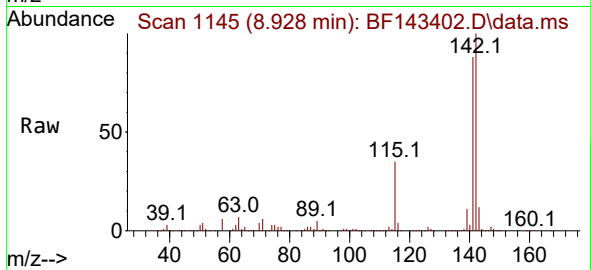
ClientSampleId :

PB169230BSD

Tgt Ion:142 Resp: 723299  
Ion Ratio Lower Upper  
142 100  
141 88.1 69.8 104.8

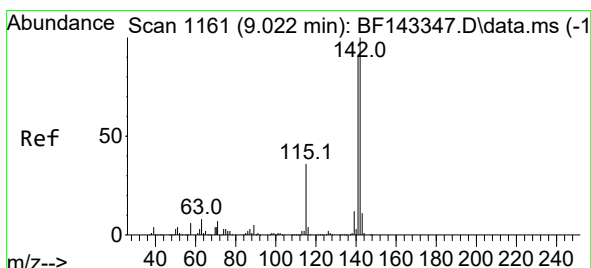
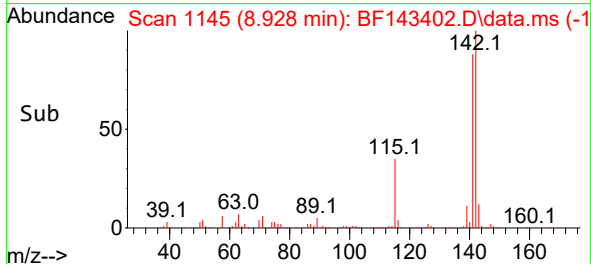
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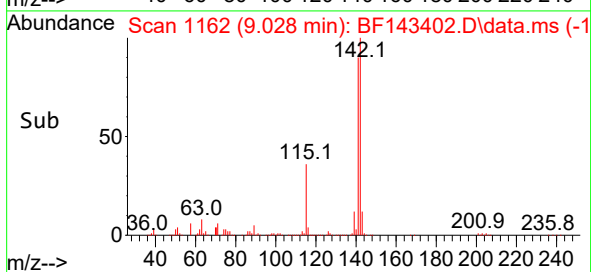
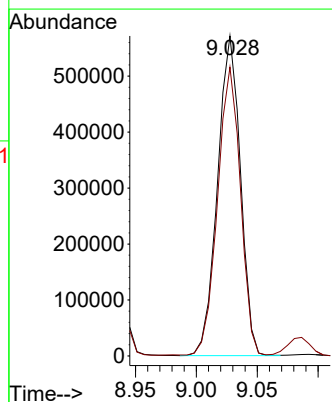
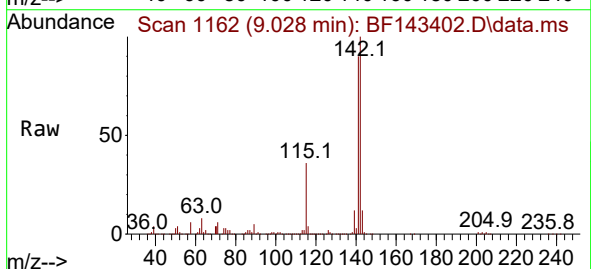
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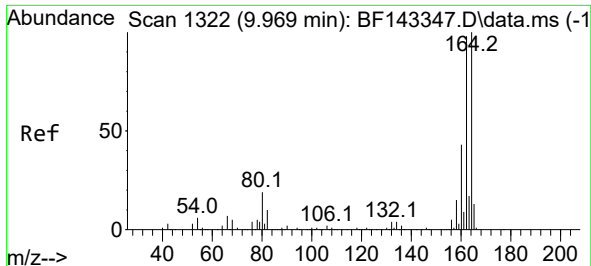
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#38  
1-Methylnaphthalene  
Concen: 42.681 ng  
RT: 9.028 min Scan# 1162  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

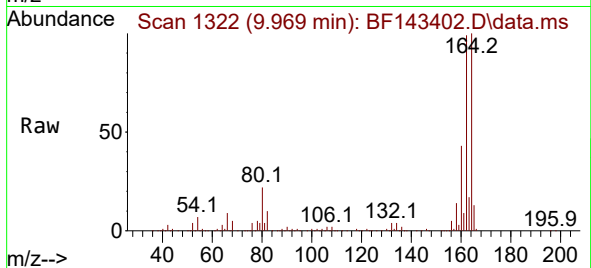
Tgt Ion:142 Resp: 747959  
Ion Ratio Lower Upper  
142 100  
141 90.2 73.0 109.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.969 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

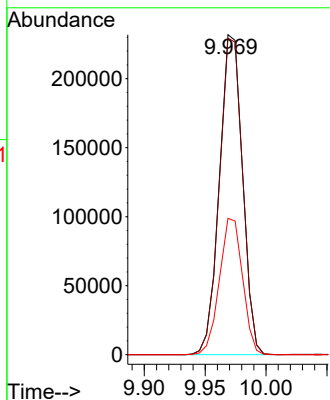
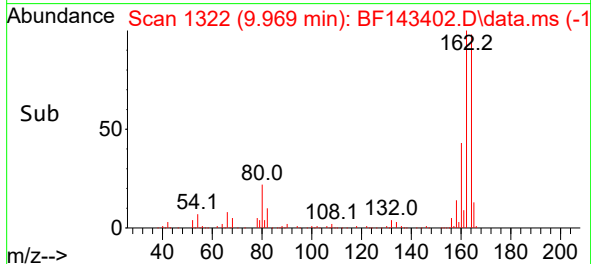
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:164 Resp: 306529  
Ion Ratio Lower Upper  
164 100  
162 98.9 78.6 118.0  
160 42.6 34.4 51.6

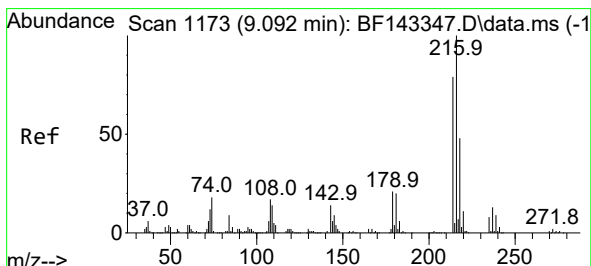
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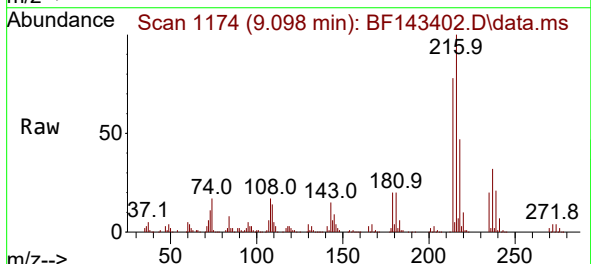


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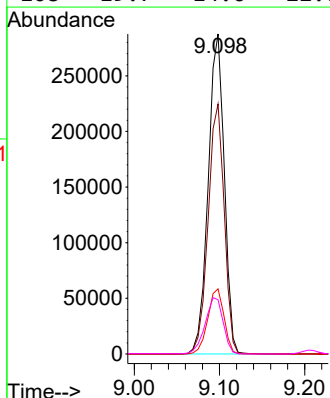
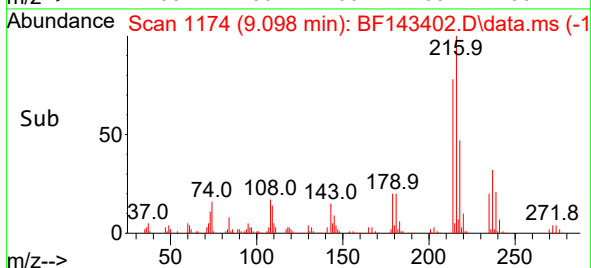
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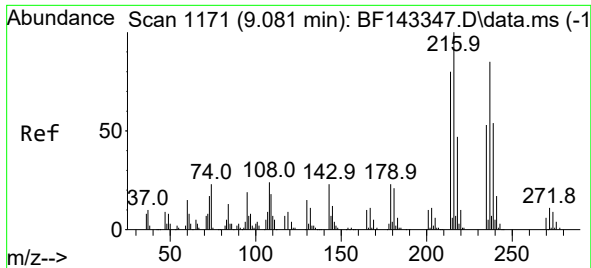


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.910 ng  
RT: 9.098 min Scan# 1174  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



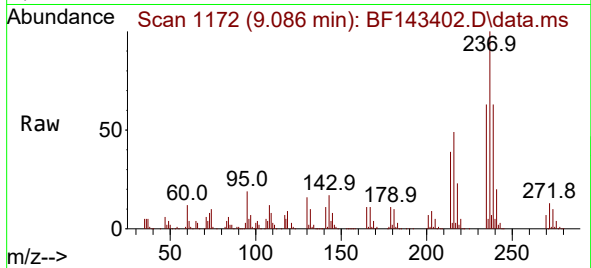
Tgt Ion:216 Resp: 376702  
Ion Ratio Lower Upper  
216 100  
214 78.3 63.0 94.4  
179 20.5 17.0 25.4  
108 19.7 14.6 22.0





#41  
Hexachlorocyclopentadiene  
Concen: 125.687 ng  
RT: 9.086 min Scan# 1171  
Delta R.T. 0.005 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

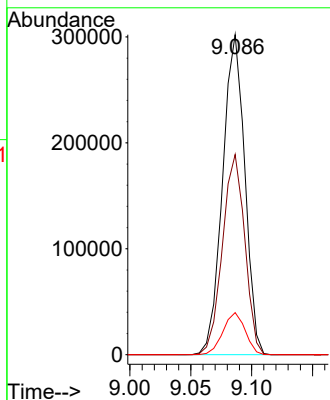
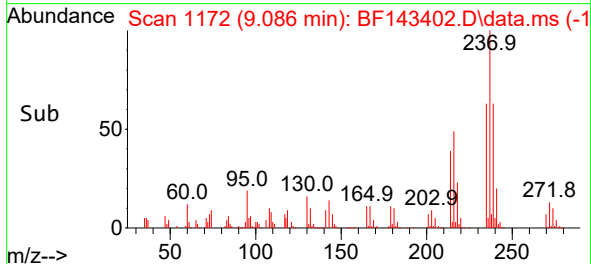
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion: 237 Resp: 384088  
Ion Ratio Lower Upper  
237 100  
235 62.6 42.0 82.0  
272 13.1 0.0 32.6

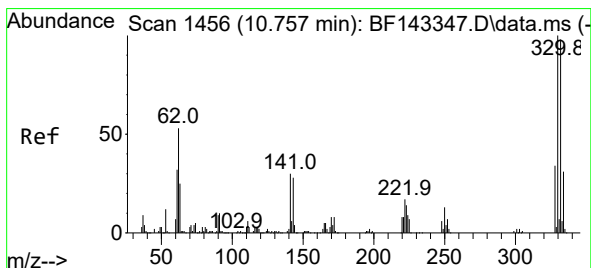
Manual Integrations  
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Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

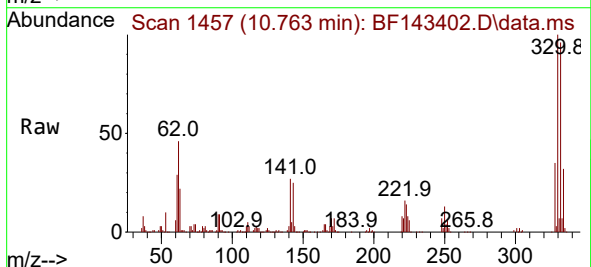


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Supervised By :Jagrut  
Upadhyay

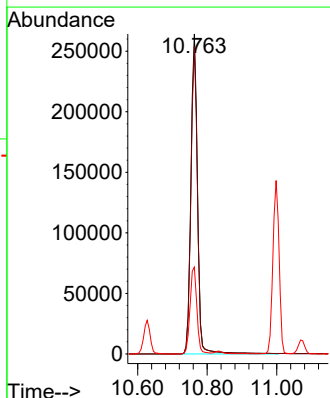
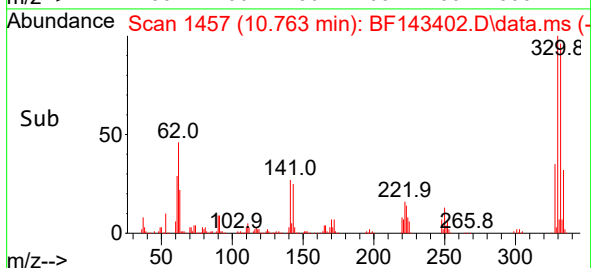
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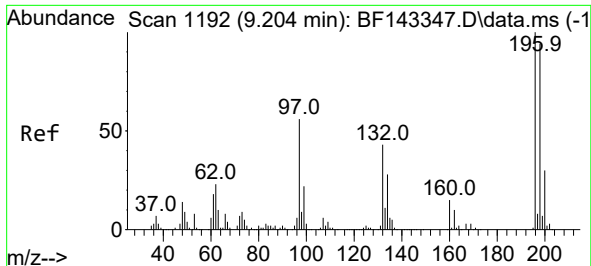
#42  
2,4,6-Tribromophenol  
Concen: 156.079 ng  
RT: 10.763 min Scan# 1457  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



Tgt Ion: 330 Resp: 349646  
Ion Ratio Lower Upper  
330 100  
332 95.6 78.1 117.1  
141 28.1 25.4 38.0

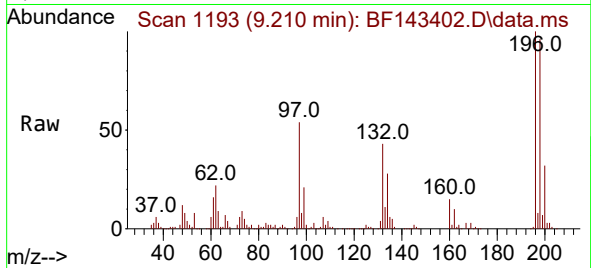






#43  
2,4,6-Trichlorophenol  
Concen: 49.690 ng  
RT: 9.210 min Scan# 1192  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

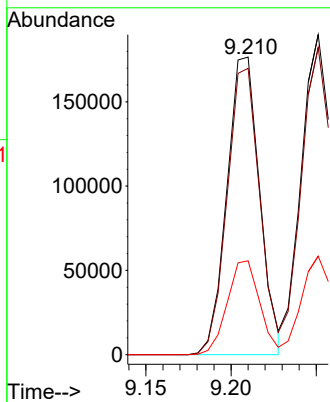
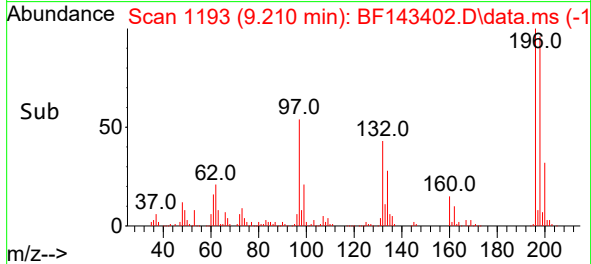
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:196 Resp: 236484  
Ion Ratio Lower Upper  
196 100  
198 96.3 75.4 113.0  
200 31.5 24.3 36.5

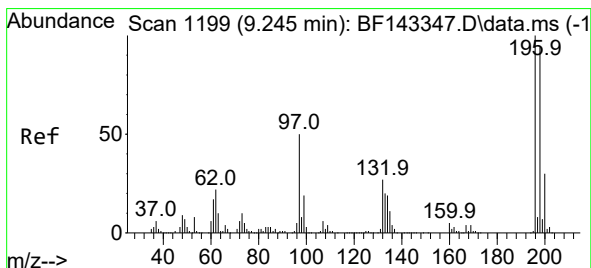
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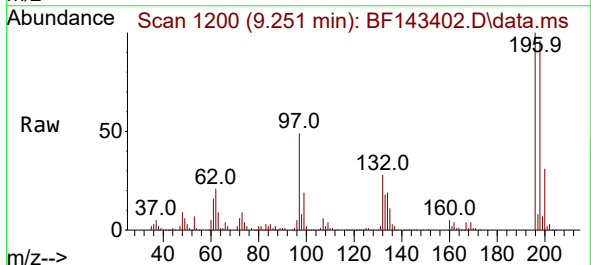


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Upadhyay

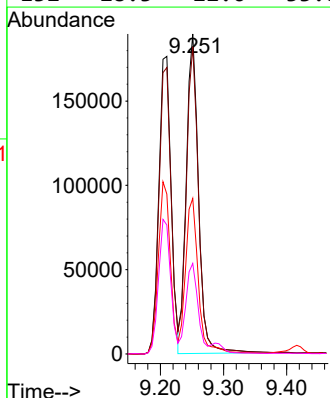
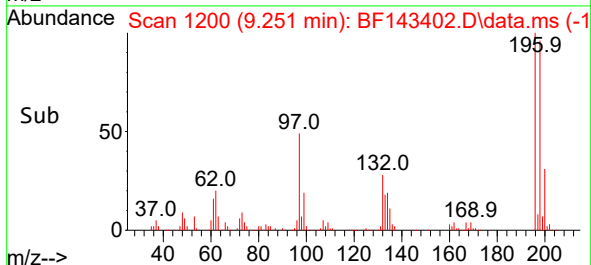
08/15/2025

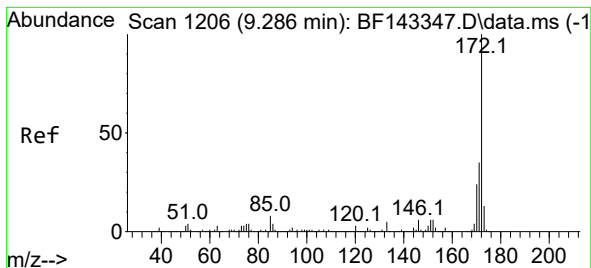


#44  
2,4,5-Trichlorophenol  
Concen: 47.571 ng  
RT: 9.251 min Scan# 1200  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



Tgt Ion:196 Resp: 255666  
Ion Ratio Lower Upper  
196 100  
198 96.0 75.4 113.2  
97 48.6 39.9 59.9  
132 28.3 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 85.474 ng

RT: 9.292 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF143402.D

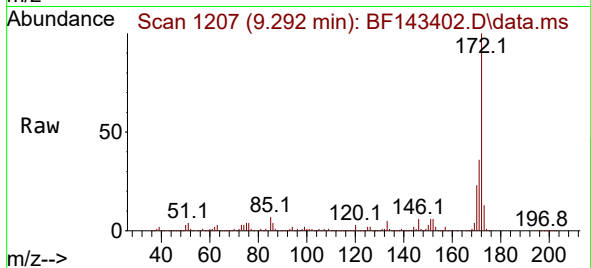
Acq: 15 Aug 2025 05:23

Instrument :

BNA\_F

ClientSampleId :

PB169230BSD



Tgt Ion:172 Resp: 154505

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

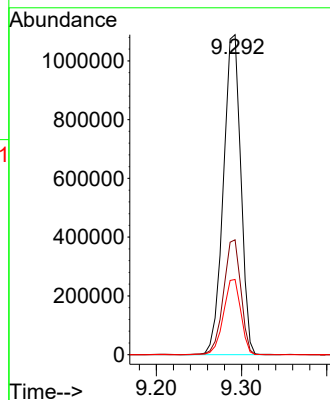
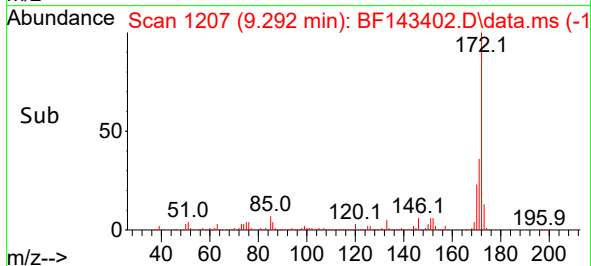
170 23.5 19.1 28.7

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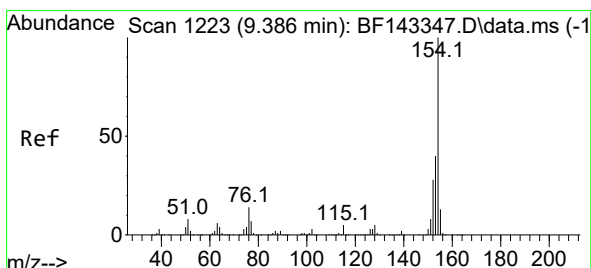
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#46

1,1'-Biphenyl

Concen: 44.548 ng

RT: 9.392 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

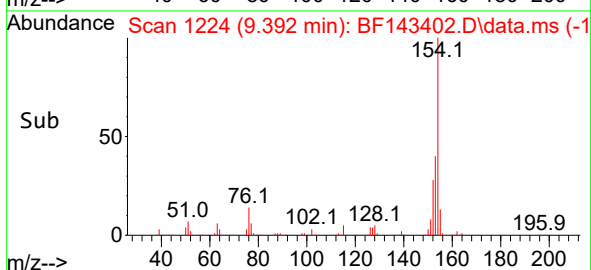
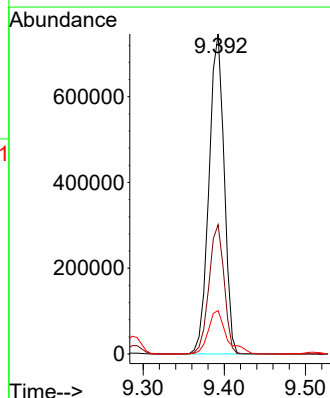
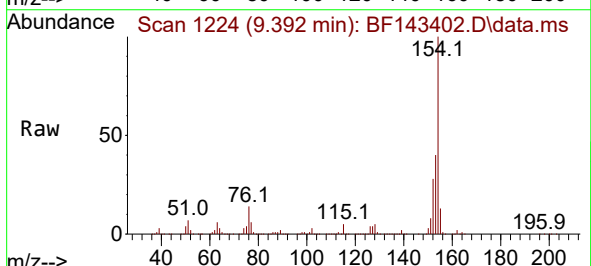
Tgt Ion:154 Resp: 965508

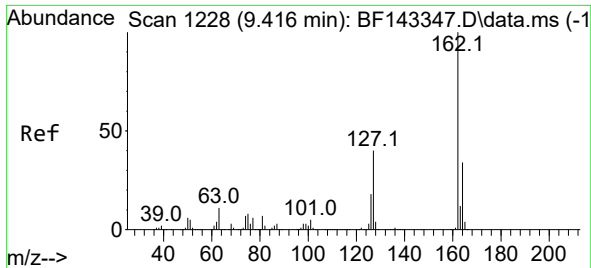
Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

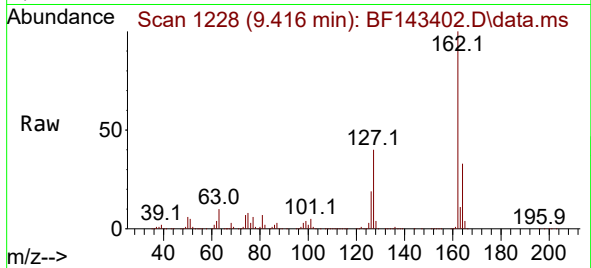
76 13.6 0.0 34.4





#47  
2-Chloronaphthalene  
Concen: 43.853 ng  
RT: 9.416 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

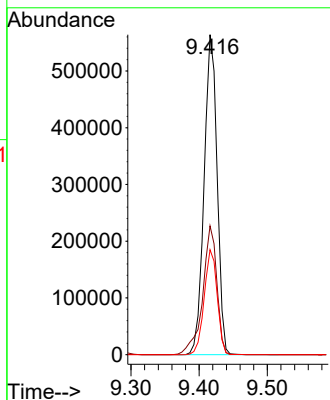
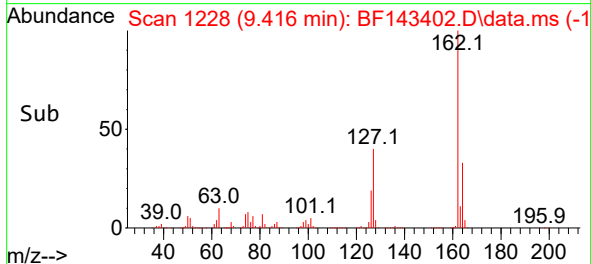
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:162 Resp: 748550  
Ion Ratio Lower Upper  
162 100  
127 40.3 32.1 48.1  
164 32.8 27.0 40.4

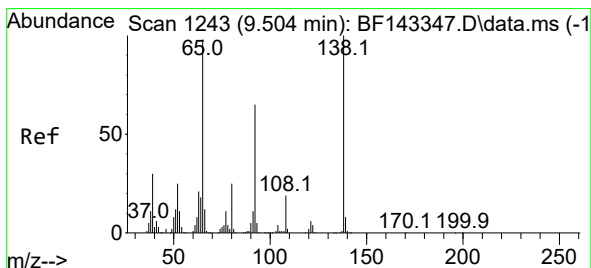
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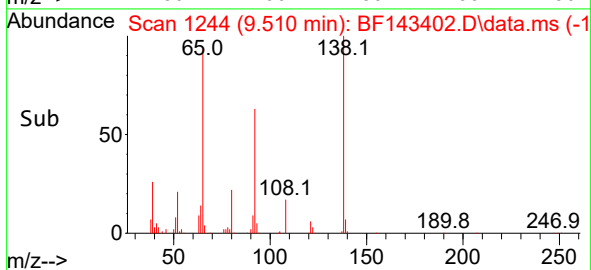
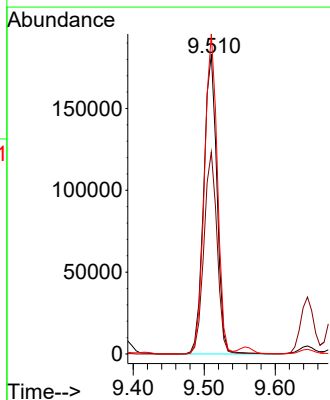
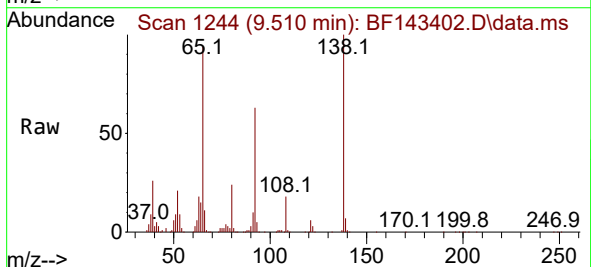
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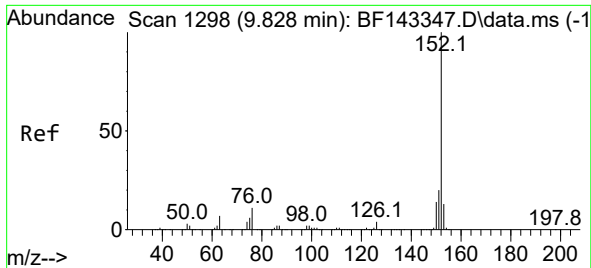
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#48  
2-Nitroaniline  
Concen: 48.303 ng  
RT: 9.510 min Scan# 1244  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

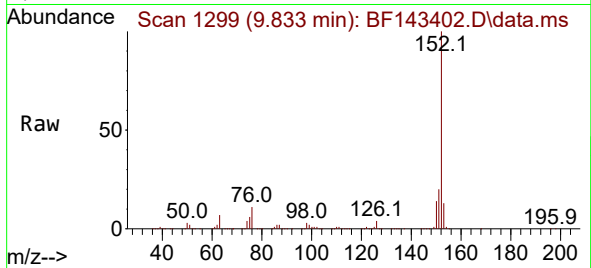
Tgt Ion: 65 Resp: 237887  
Ion Ratio Lower Upper  
65 100  
92 67.4 53.1 79.7  
138 106.7 81.4 122.0





#49  
Acenaphthylene  
Concen: 48.899 ng  
RT: 9.833 min Scan# 1299  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

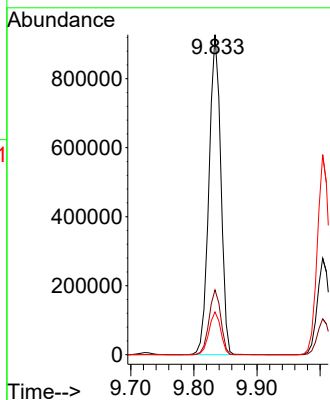
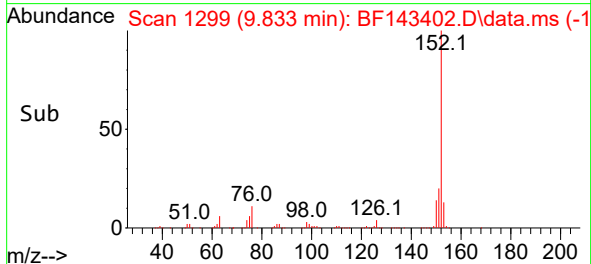
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:152 Resp: 120536  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.2  
153 13.4 10.6 16.0

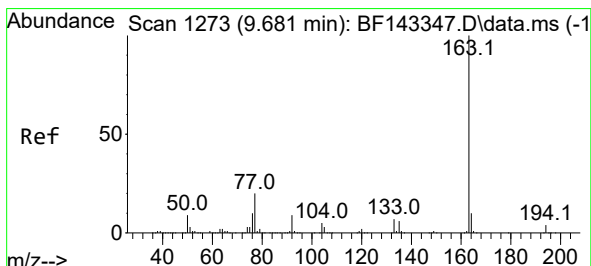
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Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

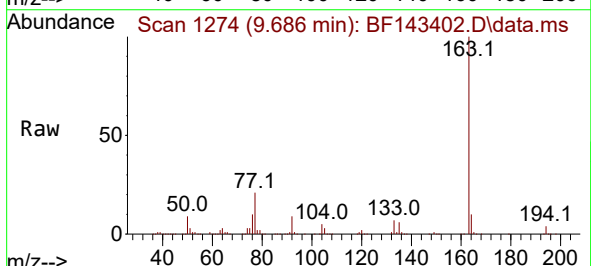


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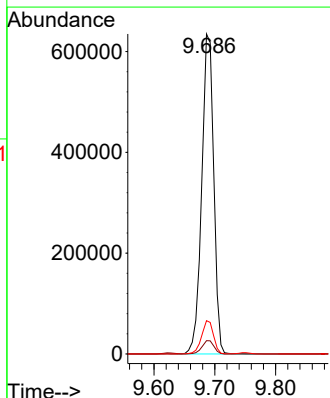
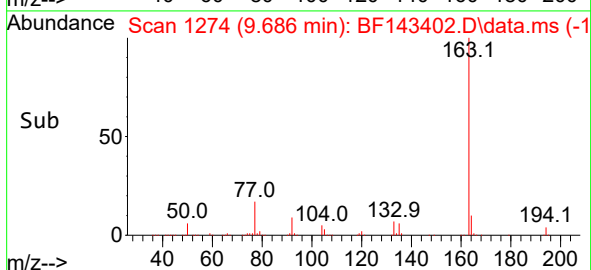
08/15/2025

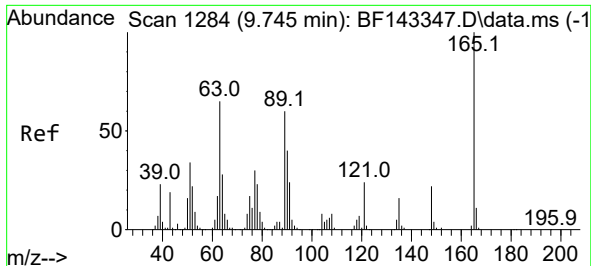


#50  
Dimethylphthalate  
Concen: 48.528 ng  
RT: 9.686 min Scan# 1274  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



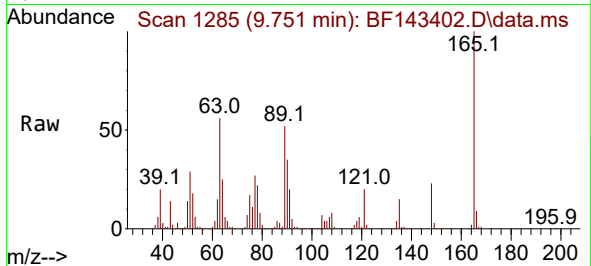
Tgt Ion:163 Resp: 869180  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 10.4 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 55.808 ng  
RT: 9.751 min Scan# 1285  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

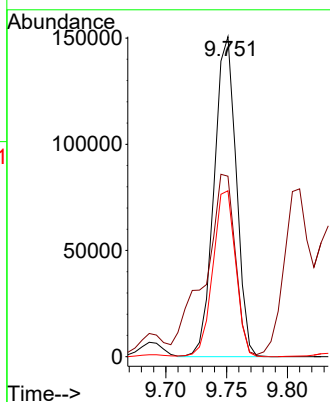
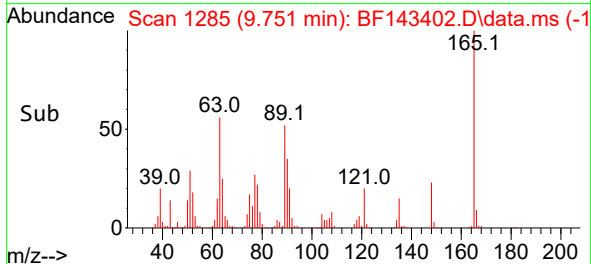
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:165 Resp: 190890  
Ion Ratio Lower Upper  
165 100  
63 56.4 51.6 77.4  
89 51.9 47.7 71.5

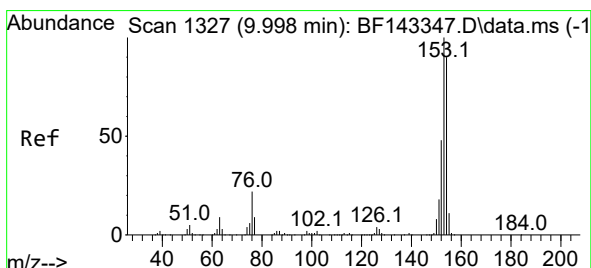
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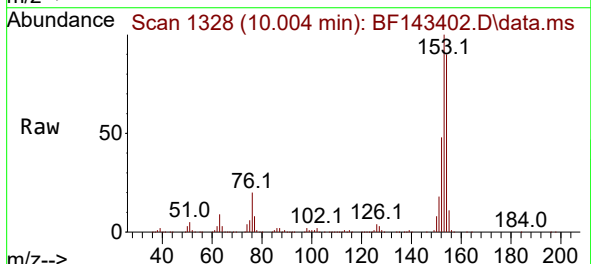


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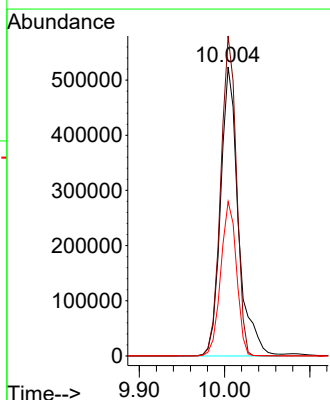
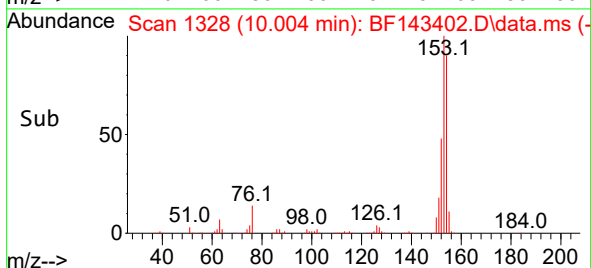
08/15/2025

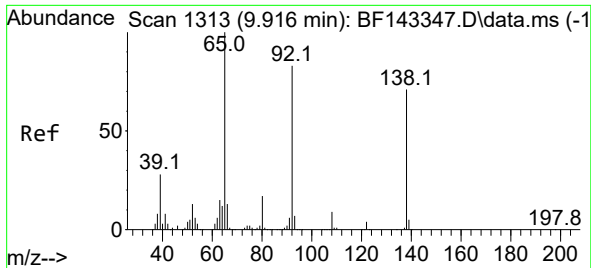


#52  
Acenaphthene  
Concen: 46.283 ng  
RT: 10.004 min Scan# 1328  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



Tgt Ion:154 Resp: 758483  
Ion Ratio Lower Upper  
154 100  
153 110.7 88.5 132.7  
152 53.4 42.4 63.6





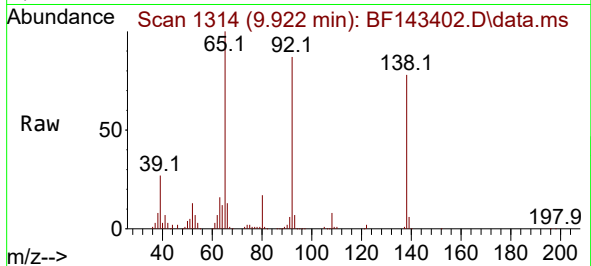
#53  
3-Nitroaniline  
Concen: 37.883 ng  
RT: 9.922 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Instrument :

BNA\_F

ClientSampleId :

PB169230BSD



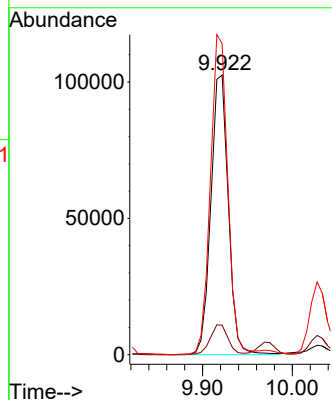
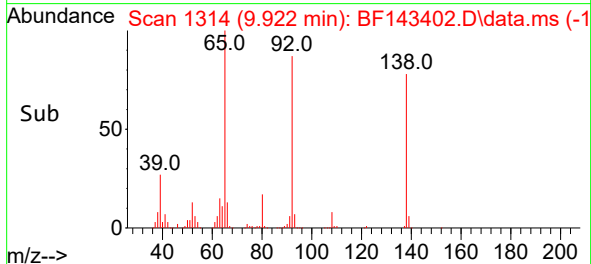
Tgt Ion:138 Resp: 13895  
Ion Ratio Lower Upper  
138 100  
108 10.5 9.6 14.4  
92 111.2 93.4 140.2

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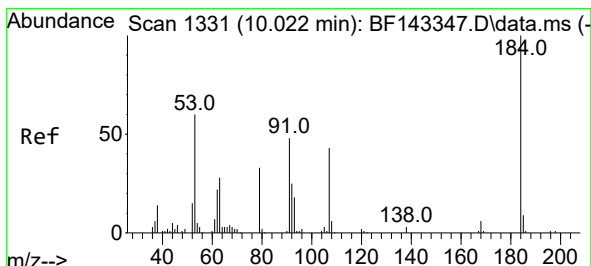
Supervised By :Jagrut Upadhyay 08/15/2025



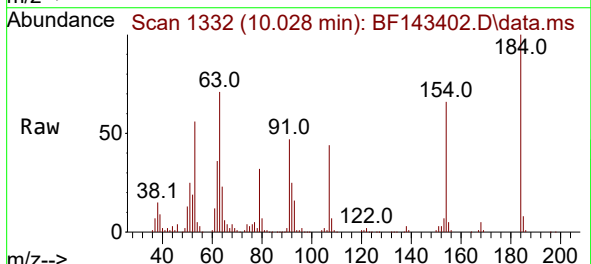
08/15/2025

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Upadhyay

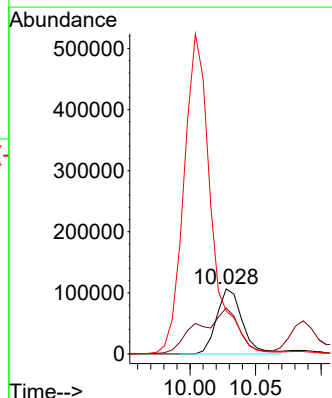
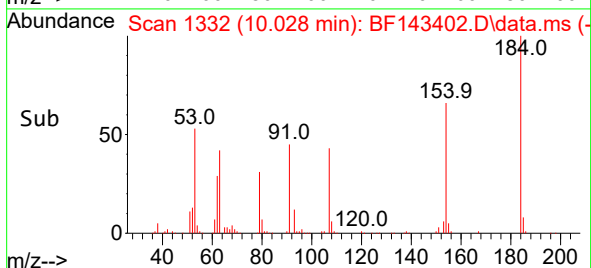
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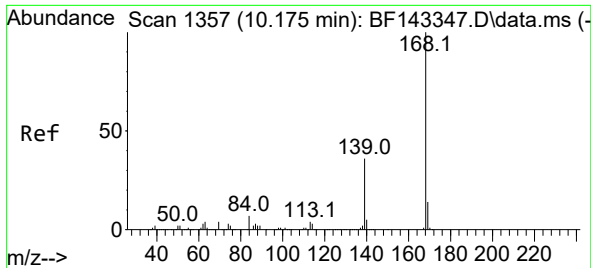


#54  
2,4-Dinitrophenol  
Concen: 93.171 ng  
RT: 10.028 min Scan# 1332  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



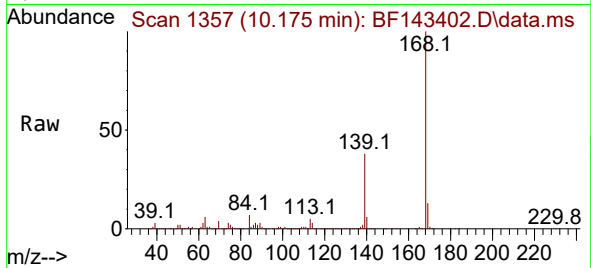
Tgt Ion:184 Resp: 145013  
Ion Ratio Lower Upper  
184 100  
63 70.8 62.5 93.7  
154 66.4 73.0 109.4#





#55  
Dibenzenofuran  
Concen: 44.175 ng  
RT: 10.175 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

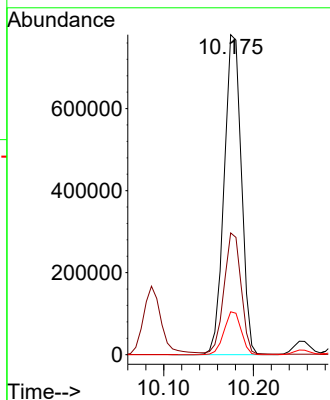
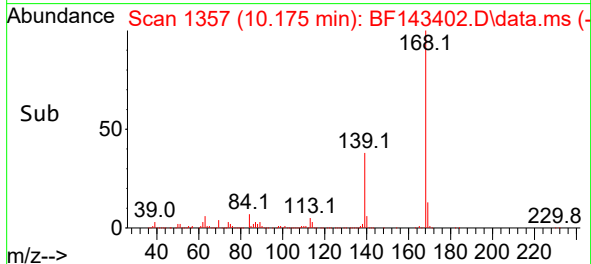
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:168 Resp: 104188  
Ion Ratio Lower Upper  
168 100  
139 38.0 29.4 44.0  
169 13.4 11.0 16.6

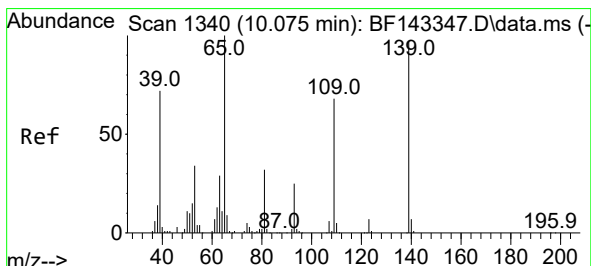
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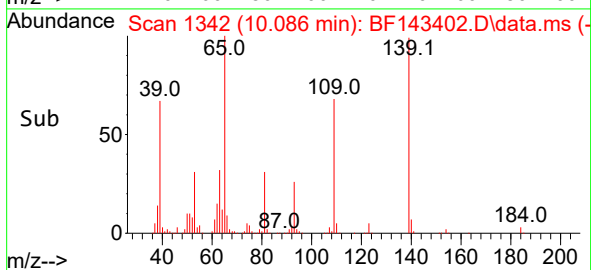
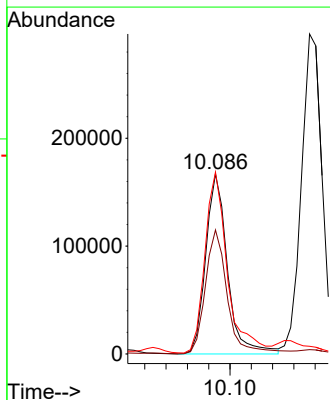
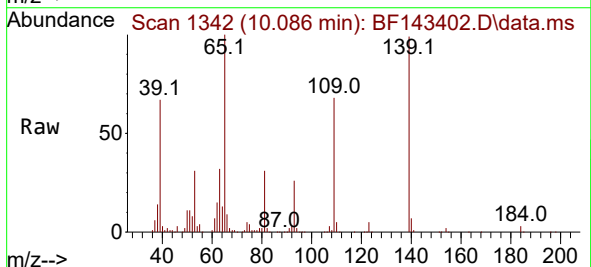
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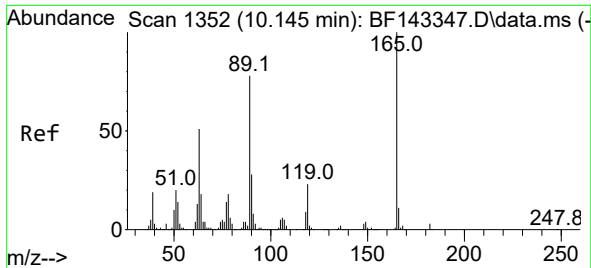
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#56  
4-Nitrophenol  
Concen: 80.750 ng  
RT: 10.086 min Scan# 1342  
Delta R.T. 0.011 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

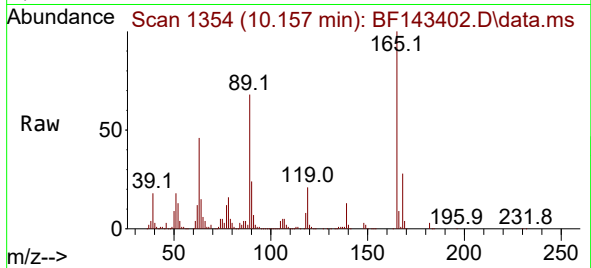
Tgt Ion:139 Resp: 236880  
Ion Ratio Lower Upper  
139 100  
109 68.9 49.4 89.4  
65 101.1 83.7 123.7





#57  
2,4-Dinitrotoluene  
Concen: 55.551 ng  
RT: 10.157 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

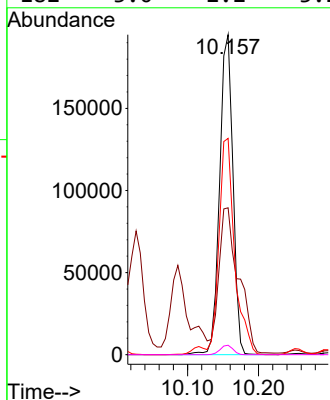
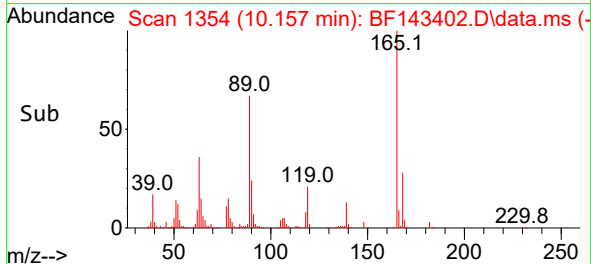
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:165 Resp: 252110  
Ion Ratio Lower Upper  
165 100  
63 45.9 41.8 62.8  
89 67.6 62.4 93.6  
182 3.0 2.2 3.2

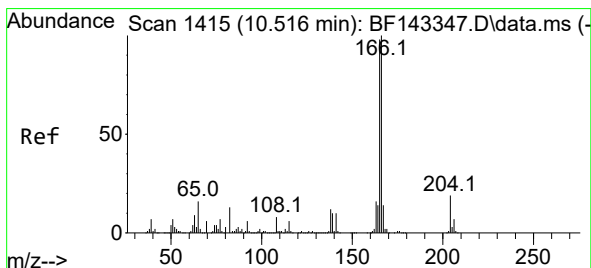
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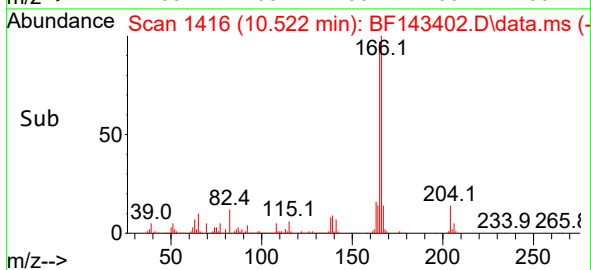
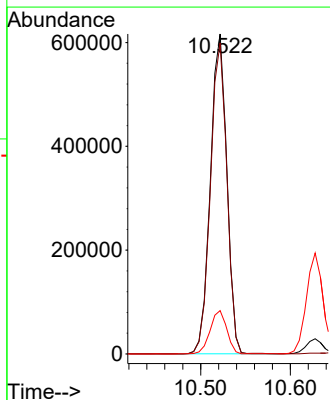
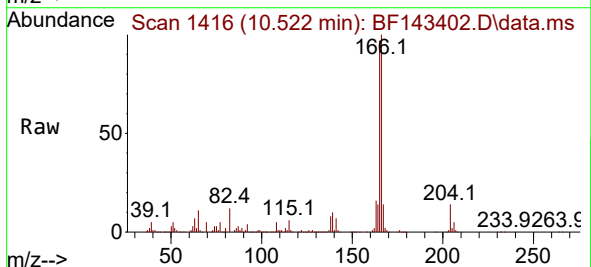
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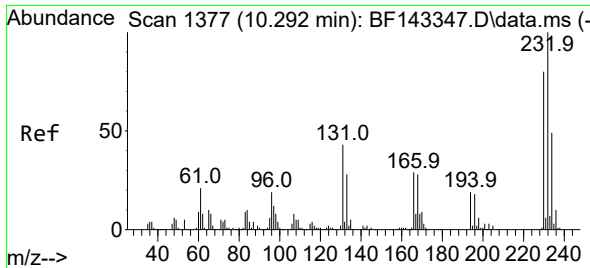


#58  
Fluorene  
Concen: 43.584 ng  
RT: 10.522 min Scan# 1416  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Tgt Ion:166 Resp: 785173  
Ion Ratio Lower Upper  
166 100  
165 97.2 78.2 117.4  
167 13.6 10.9 16.3

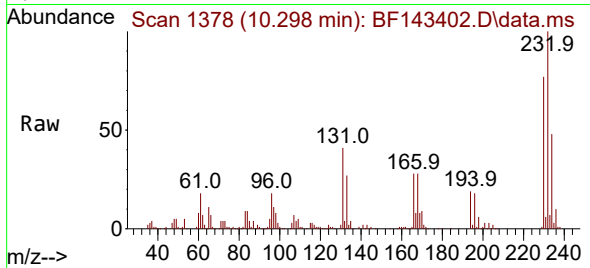






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 59.119 ng  
RT: 10.298 min Scan# 1378  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

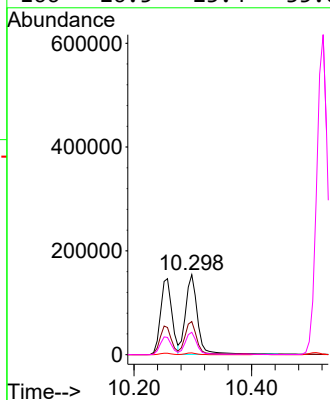
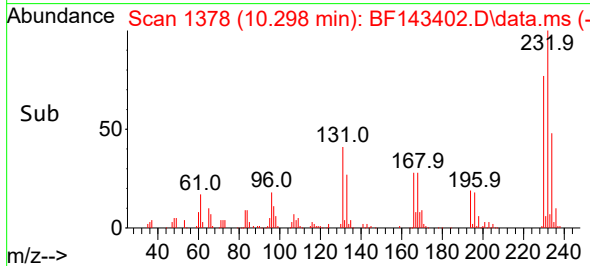
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:232 Resp: 214180  
Ion Ratio Lower Upper  
232 100  
131 41.8 34.6 51.8  
130 2.1 1.7 2.5  
166 26.5 23.4 35.0

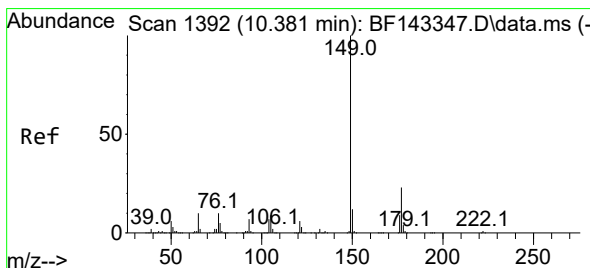
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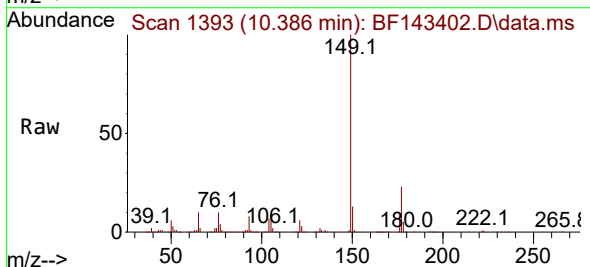


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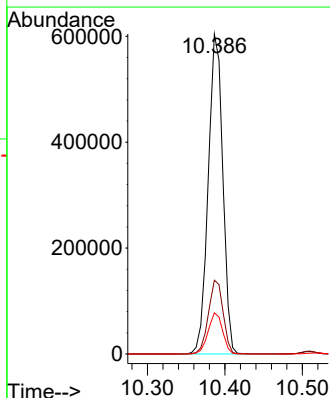
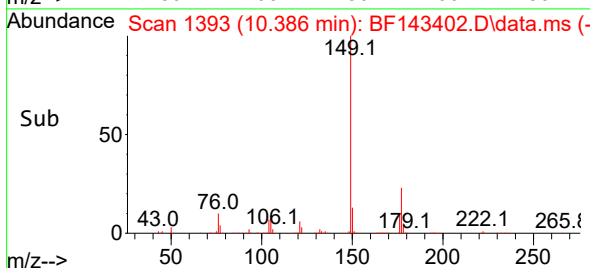
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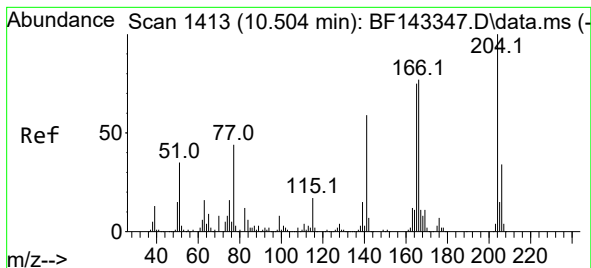


#60  
Diethylphthalate  
Concen: 49.267 ng  
RT: 10.386 min Scan# 1393  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



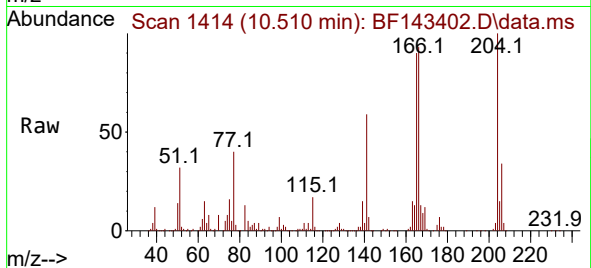
Tgt Ion:149 Resp: 790403  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.2 27.2  
150 12.8 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 44.803 ng  
RT: 10.510 min Scan# 1413  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

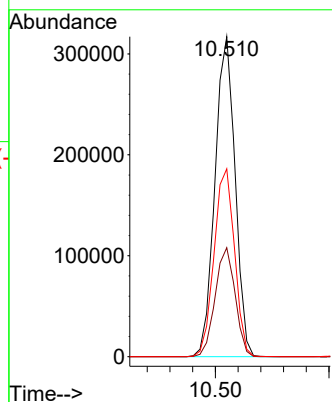
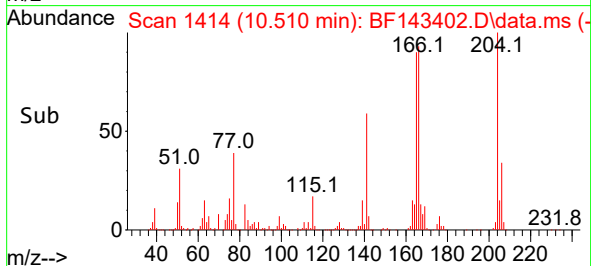
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:204 Resp: 390000  
Ion Ratio Lower Upper  
204 100  
206 34.0 27.4 41.2  
141 58.7 46.9 70.3

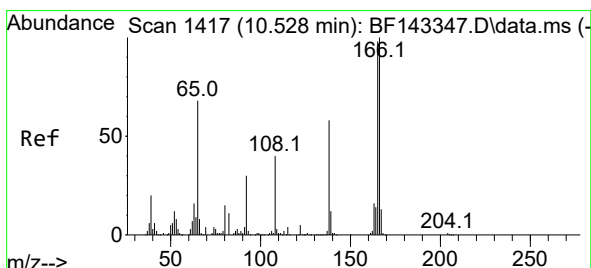
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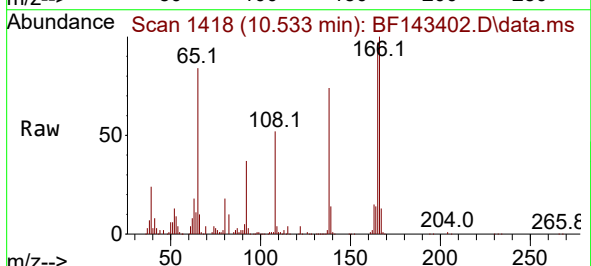


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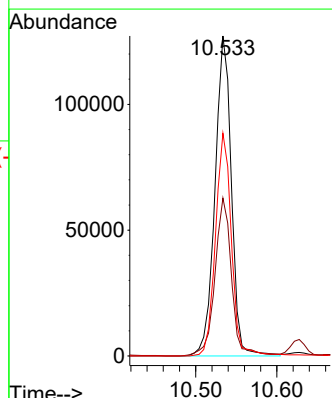
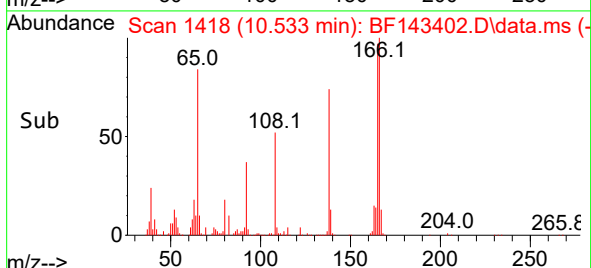
08/15/2025

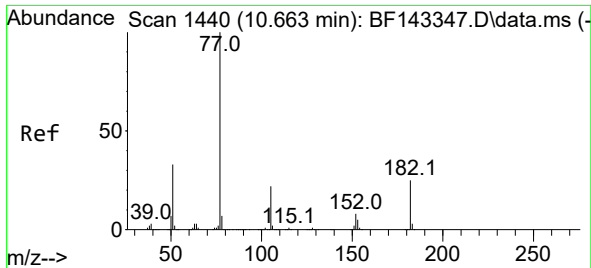


#62  
4-Nitroaniline  
Concen: 50.394 ng  
RT: 10.533 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



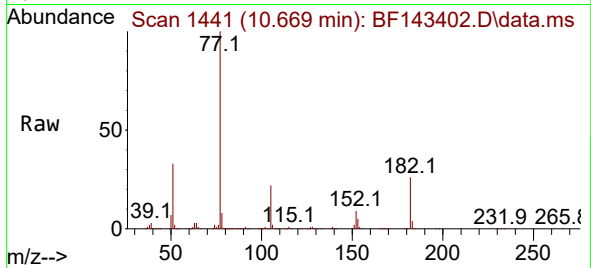
Tgt Ion:138 Resp: 178839  
Ion Ratio Lower Upper  
138 100  
92 49.3 31.2 71.2  
108 69.6 48.1 88.1





#63  
Azobenzene  
Concen: 43.837 ng  
RT: 10.669 min Scan# 1440  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

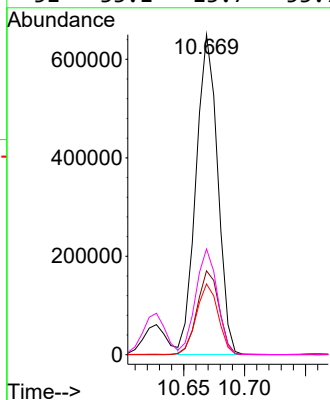
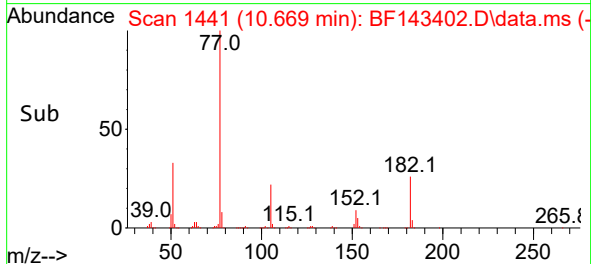
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion: 77 Resp: 80329  
Ion Ratio Lower Upper  
77 100  
182 26.2 4.4 44.4  
105 22.1 1.8 41.8  
51 33.1 13.7 53.7

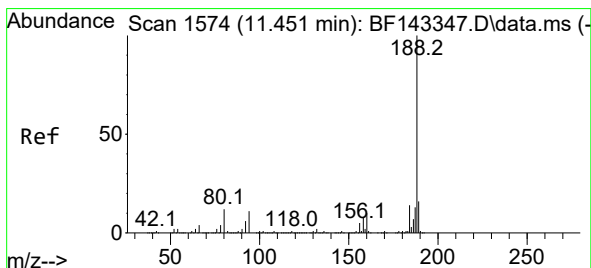
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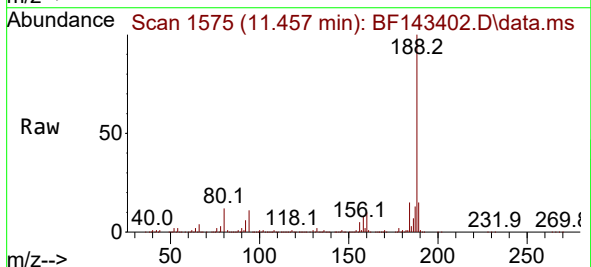


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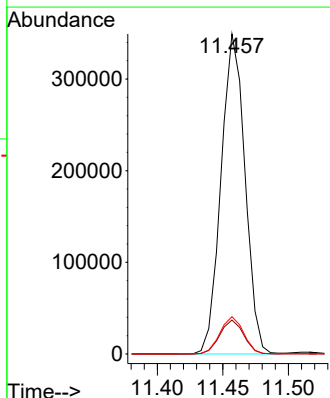
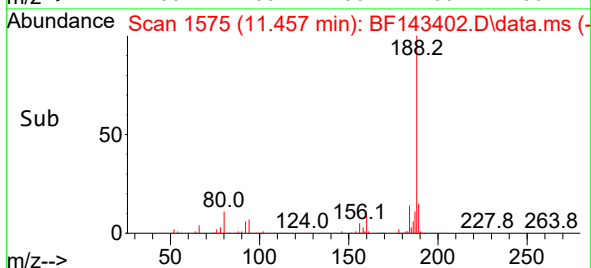
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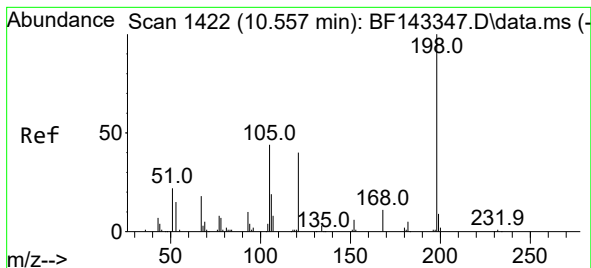


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.457 min Scan# 1575  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



Tgt Ion:188 Resp: 442984  
Ion Ratio Lower Upper  
188 100  
94 10.6 8.8 13.2  
80 11.6 9.7 14.5





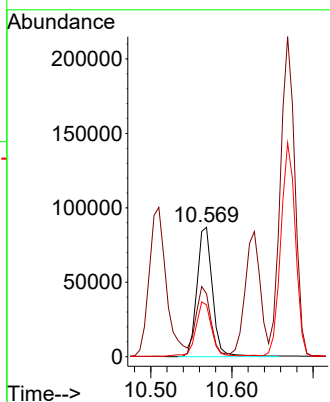
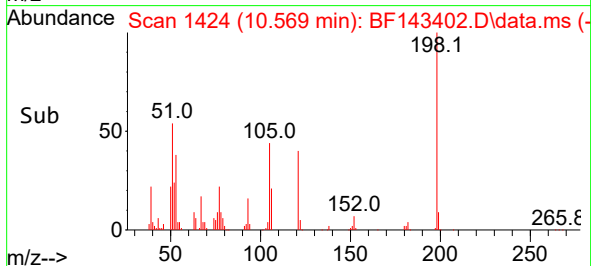
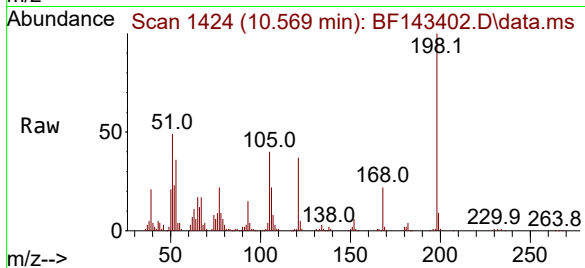
#65  
4,6-Dinitro-2-methylphenol  
Concen: 62.034 ng  
RT: 10.569 min Scan# 1422  
Delta R.T. 0.012 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD

Tgt Ion:198 Resp: 11566  
Ion Ratio Lower Upper  
198 100  
51 48.7 41.7 81.7  
105 40.1 26.8 66.8

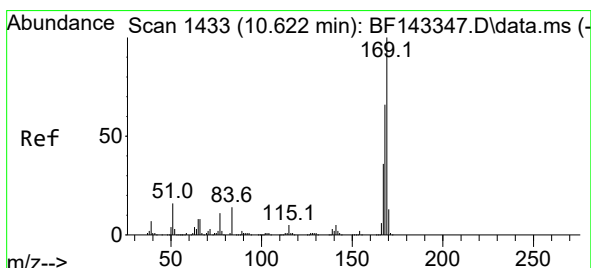
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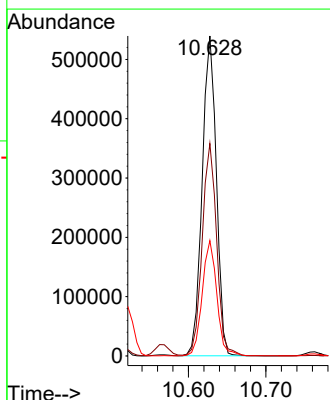
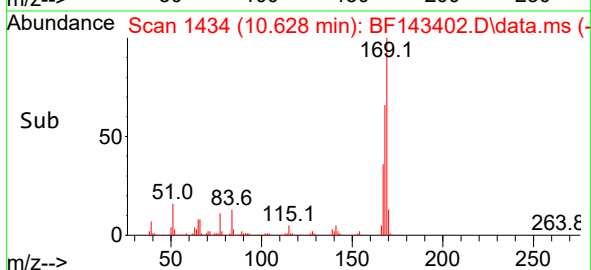
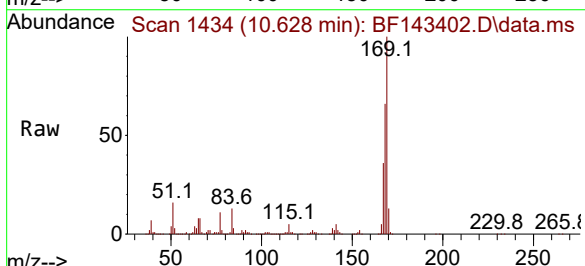
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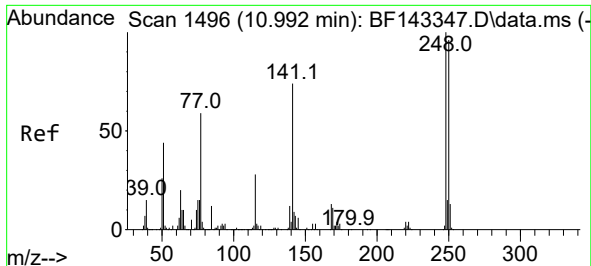
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#66  
n-Nitrosodiphenylamine  
Concen: 46.921 ng  
RT: 10.628 min Scan# 1434  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Tgt Ion:169 Resp: 684414  
Ion Ratio Lower Upper  
169 100  
168 66.4 52.7 79.1  
167 36.0 28.6 42.8





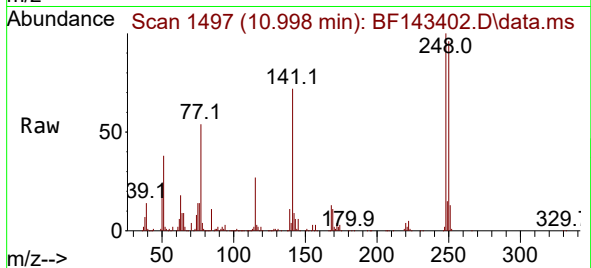
#67  
4-Bromophenyl-phenylether  
Concen: 48.875 ng  
RT: 10.998 min Scan# 1496  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Instrument :

BNA\_F

ClientSampleId :

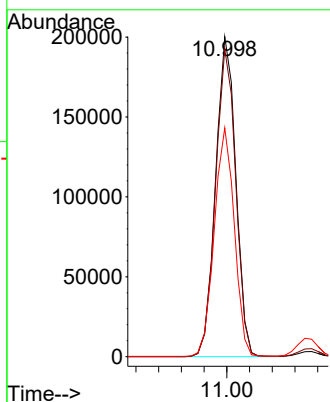
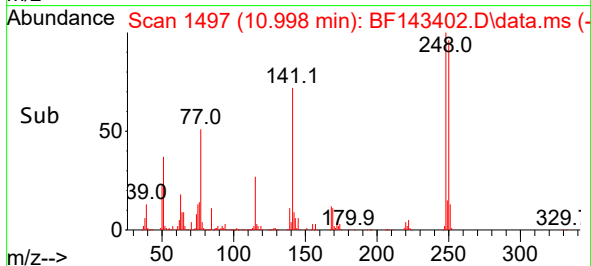
PB169230BSD



Tgt Ion:248 Resp: 24761  
Ion Ratio Lower Upper  
248 100  
250 96.1 77.1 115.7  
141 71.5 59.1 88.7

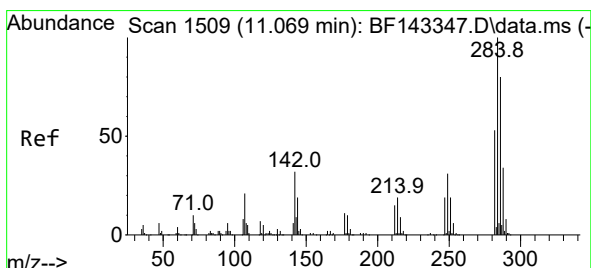
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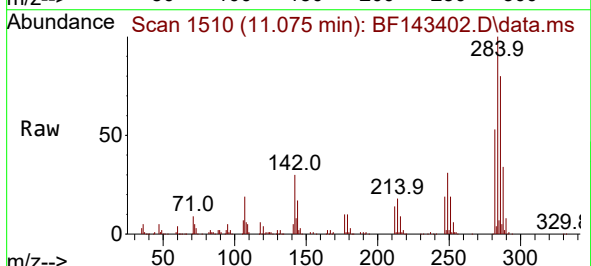


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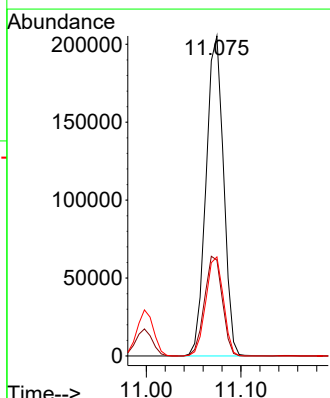
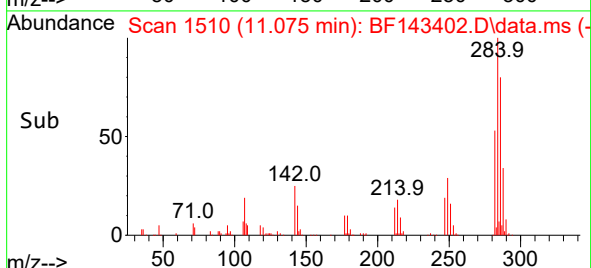
08/15/2025

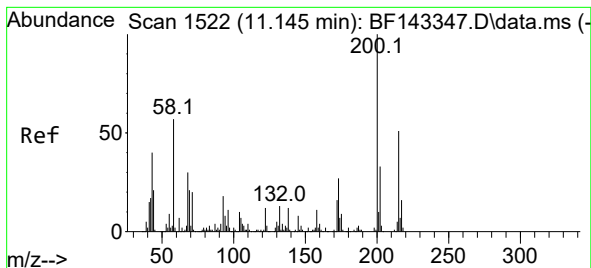


#68  
Hexachlorobenzene  
Concen: 48.215 ng  
RT: 11.075 min Scan# 1510  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



Tgt Ion:284 Resp: 263304  
Ion Ratio Lower Upper  
284 100  
142 29.9 25.7 38.5  
249 31.0 24.6 37.0





#69

Atrazine

Concen: 54.217 ng

RT: 11.151 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA\_F

ClientSampleId :

PB169230BSD

Tgt Ion:200 Resp: 20626

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

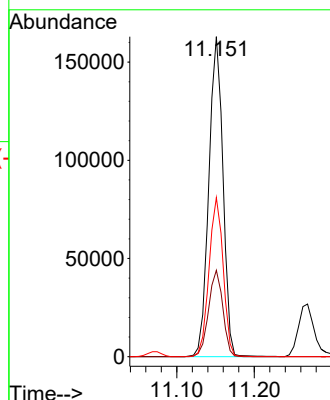
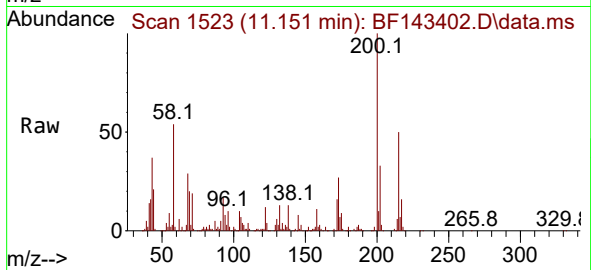
215 49.7 30.6 70.6

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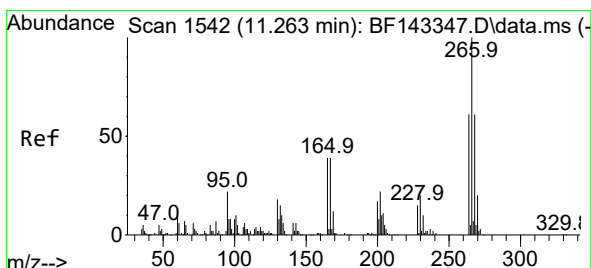
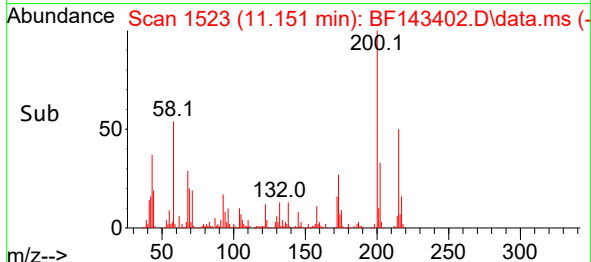
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#70

Pentachlorophenol

Concen: 88.377 ng

RT: 11.269 min Scan# 1543

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

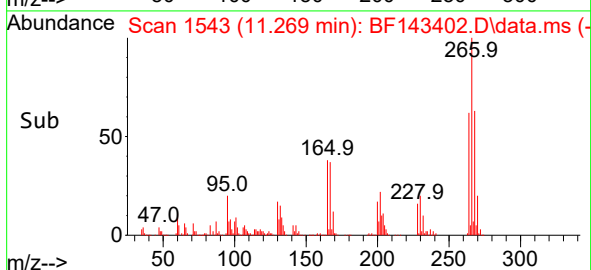
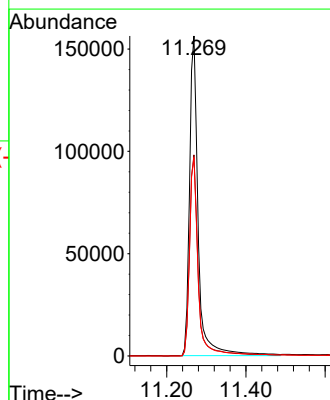
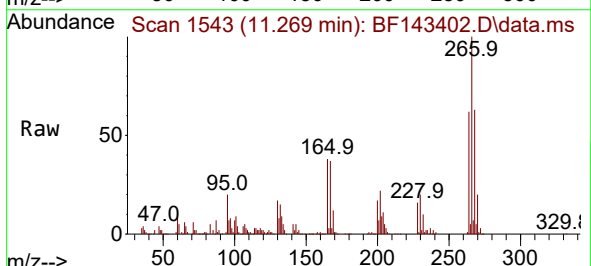
Tgt Ion:266 Resp: 238029

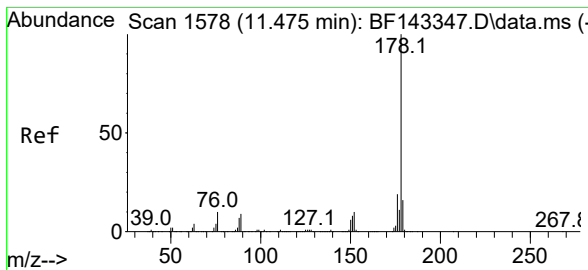
Ion Ratio Lower Upper

266 100

268 62.9 48.8 73.2

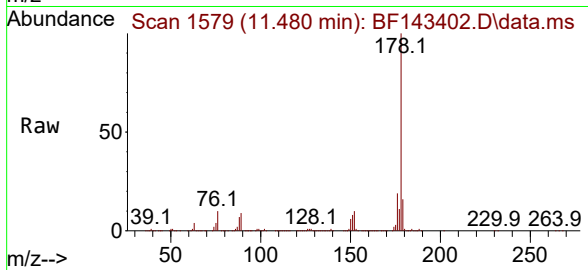
264 62.1 48.8 73.2





#71  
Phenanthrene  
Concen: 45.573 ng  
RT: 11.480 min Scan# 1147  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

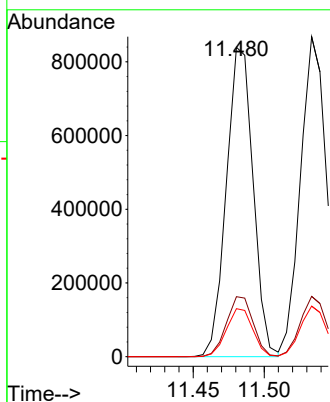
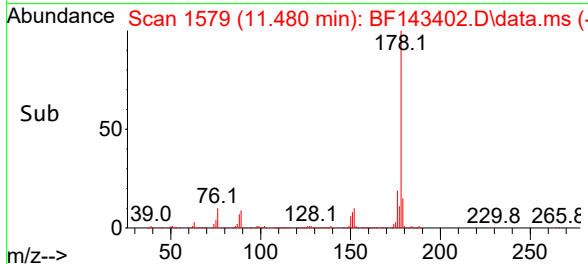
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:178 Resp: 110144  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.5 23.3  
179 15.5 12.5 18.7

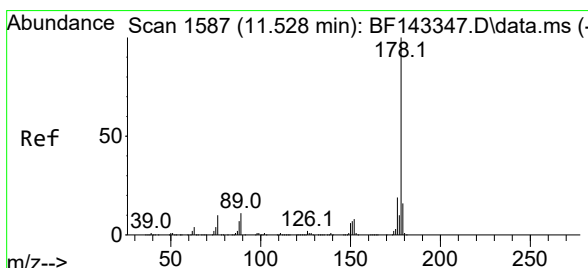
Manual Integrations  
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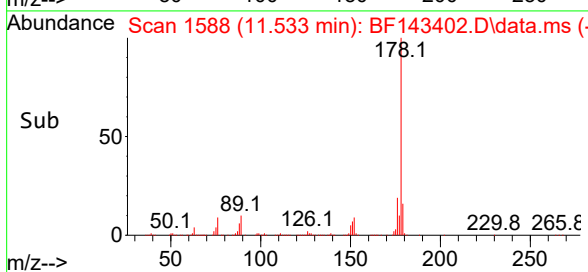
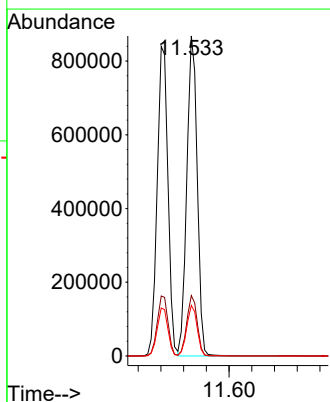
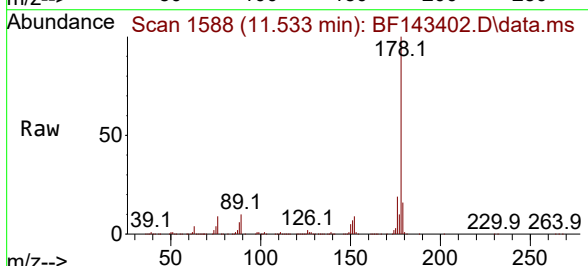
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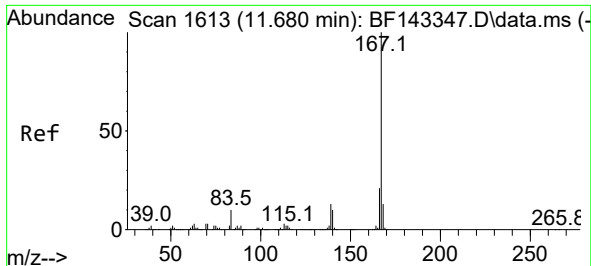
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#72  
Anthracene  
Concen: 45.026 ng  
RT: 11.533 min Scan# 1588  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Tgt Ion:178 Resp: 1103636  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.1 22.7  
179 15.8 12.7 19.1





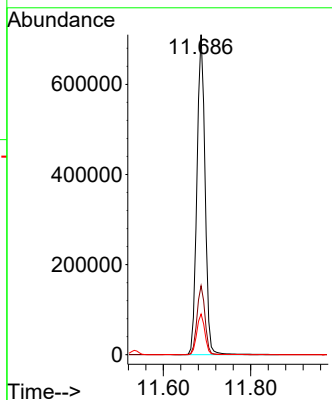
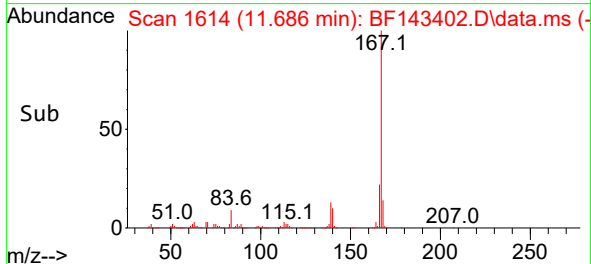
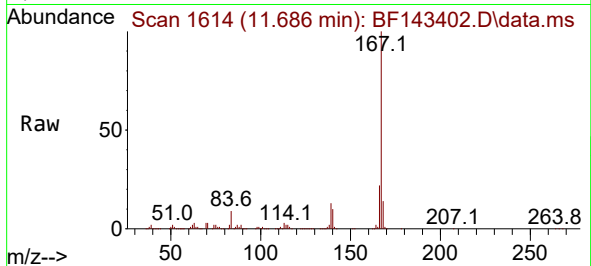
#73  
Carbazole  
Concen: 43.991 ng  
RT: 11.686 min Scan# 1613  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD

Tgt Ion:167 Resp: 91831  
Ion Ratio Lower Upper  
167 100  
166 21.6 16.8 25.2  
139 12.7 10.2 15.2

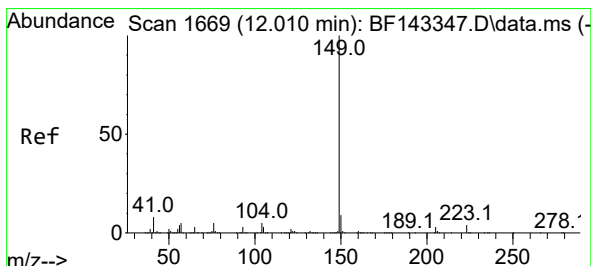
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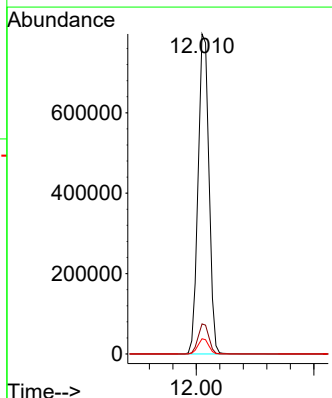
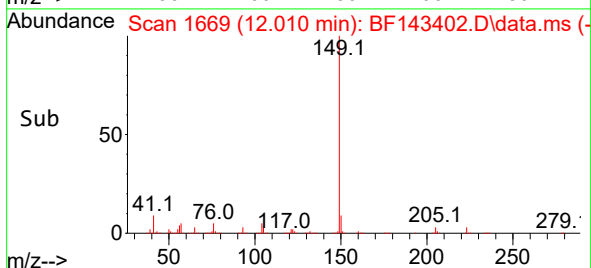
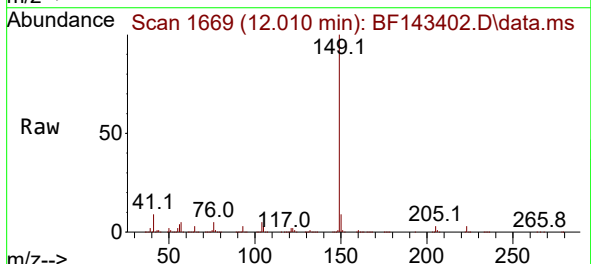
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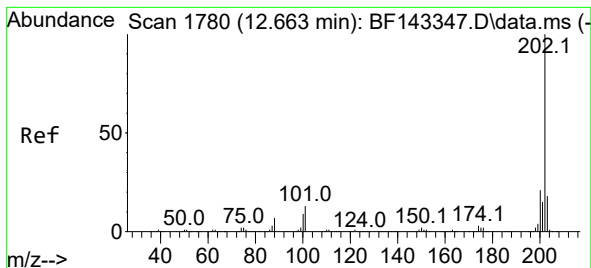


#74  
Di-n-butylphthalate  
Concen: 57.726 ng  
RT: 12.010 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Tgt Ion:149 Resp: 1019694  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.4 11.0  
104 4.7 3.8 5.8

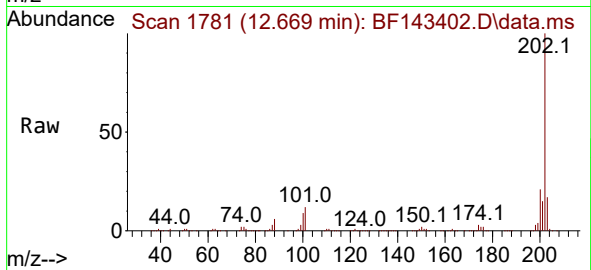






#75  
Fluoranthene  
Concen: 45.301 ng  
RT: 12.669 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

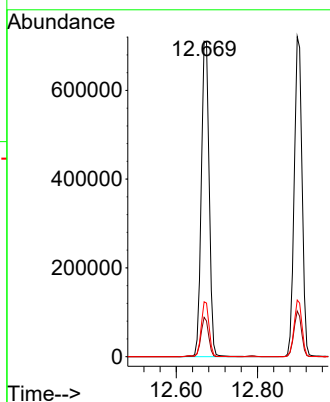
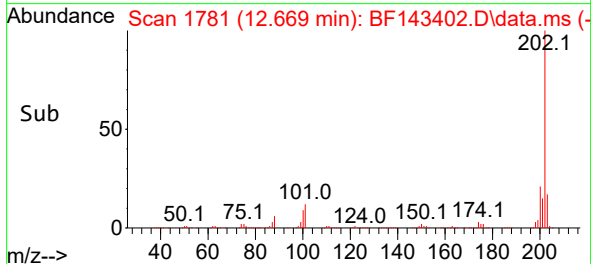
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:202 Resp: 959070  
Ion Ratio Lower Upper  
202 100  
101 12.5 0.0 33.2  
203 17.4 0.0 37.6

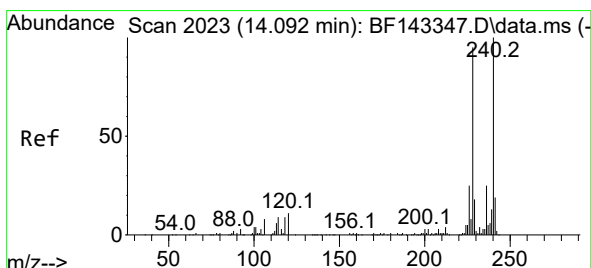
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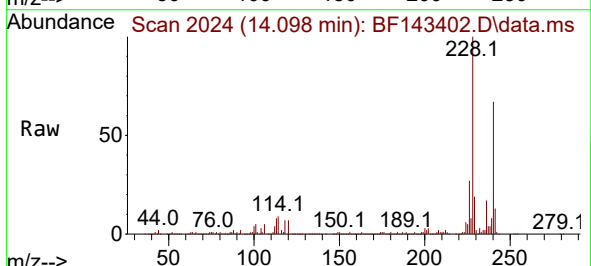


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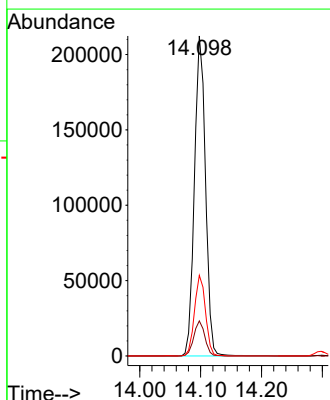
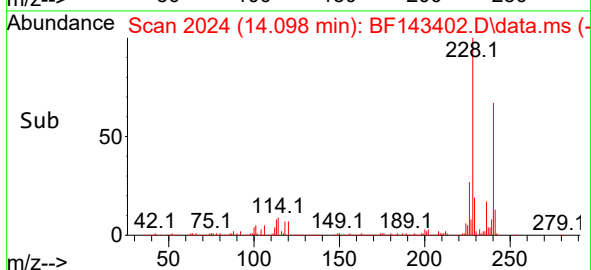
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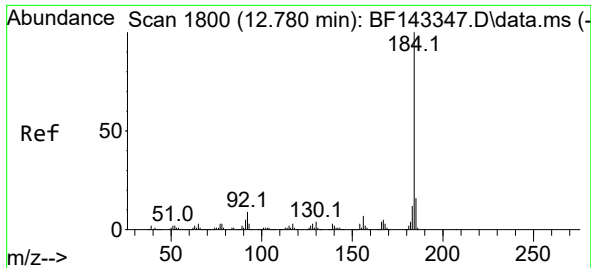


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.098 min Scan# 2024  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



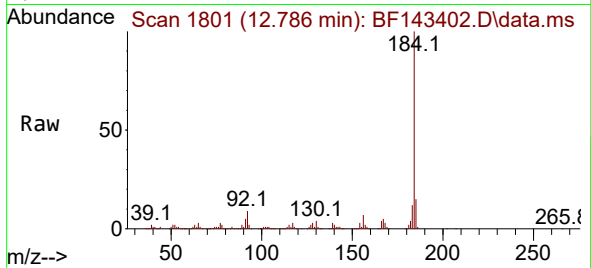
Tgt Ion:240 Resp: 267936  
Ion Ratio Lower Upper  
240 100  
120 11.0 9.0 13.6  
236 25.2 19.9 29.9





#77  
Benzidine  
Concen: 61.227 ng  
RT: 12.786 min Scan# 1801  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

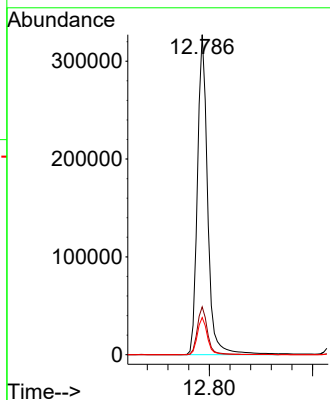
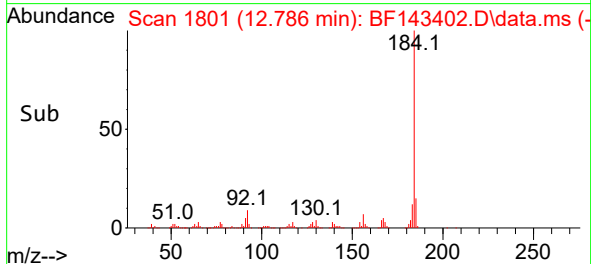
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:184 Resp: 448495  
Ion Ratio Lower Upper  
184 100  
185 14.9 12.8 19.2  
183 11.6 9.3 13.9

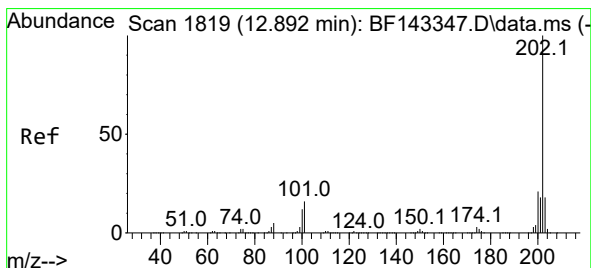
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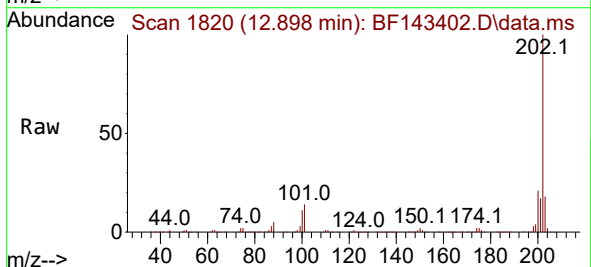


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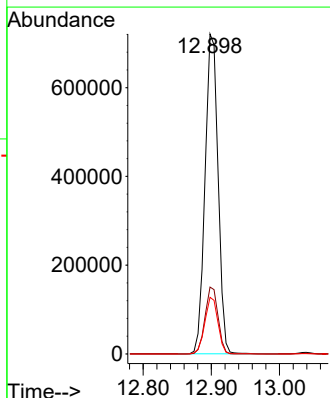
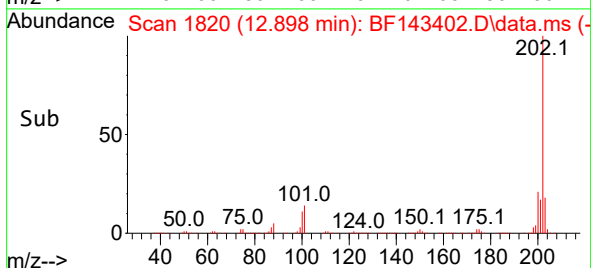
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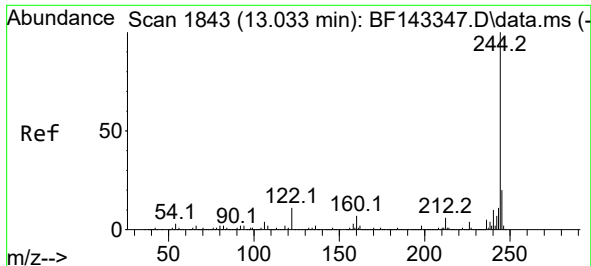


#78  
Pyrene  
Concen: 42.645 ng  
RT: 12.898 min Scan# 1820  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



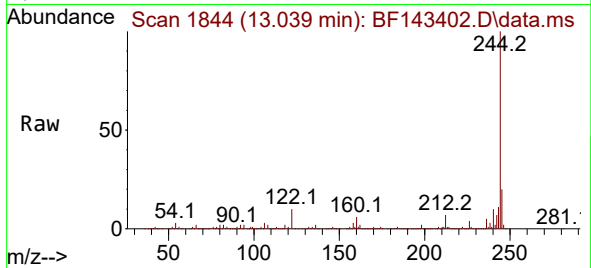
Tgt Ion:202 Resp: 958541  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.8 25.2  
203 17.7 14.2 21.4





#79  
Terphenyl-d14  
Concen: 88.020 ng  
RT: 13.039 min Scan# 1843  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

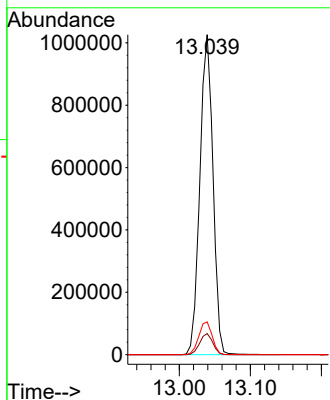
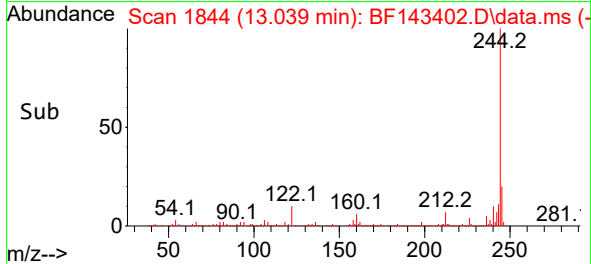
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:244 Resp: 132096  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.1 7.7  
122 10.2 8.9 13.3

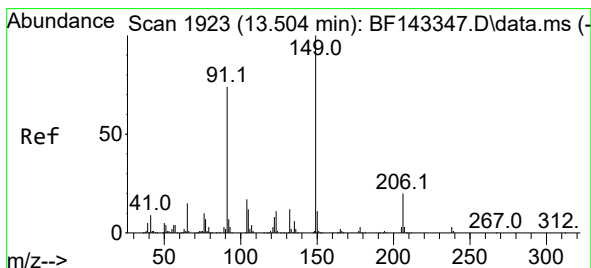
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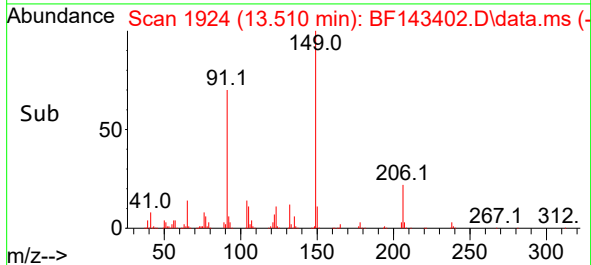
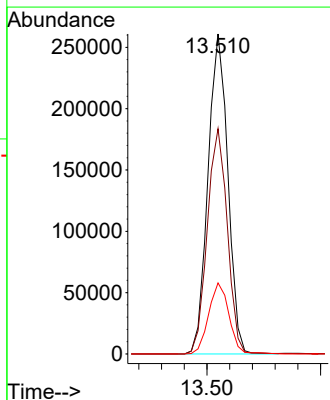
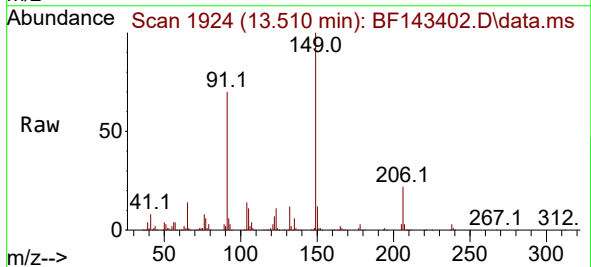
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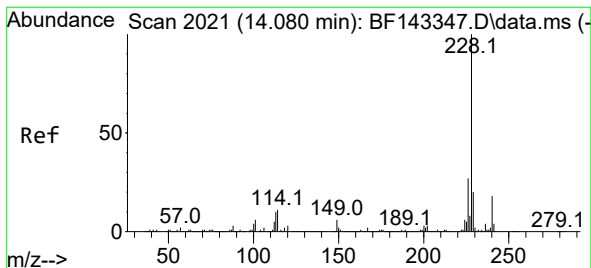
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#80  
Butylbenzylphthalate  
Concen: 69.681 ng  
RT: 13.510 min Scan# 1924  
Delta R.T. 0.006 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

Tgt Ion:149 Resp: 316736  
Ion Ratio Lower Upper  
149 100  
91 70.4 58.8 88.2  
206 22.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 46.520 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA\_F

ClientSampleId :

PB169230BSD

Tgt Ion:228 Resp: 792229

Ion Ratio Lower Upper

228 100

226 27.1 22.0 33.0

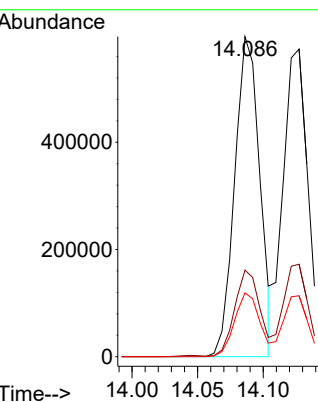
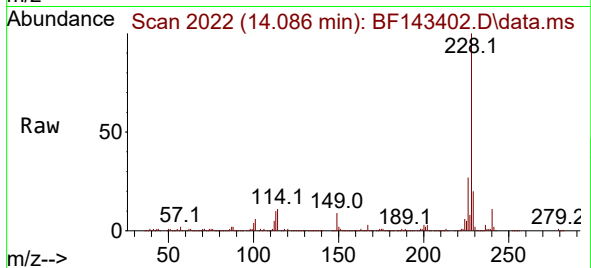
229 20.0 15.8 23.8

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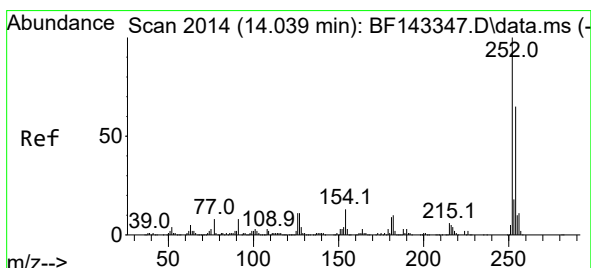
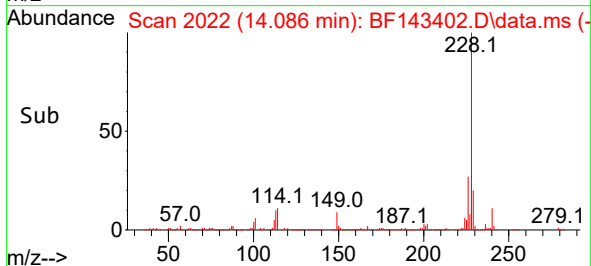
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#82

3,3'-Dichlorobenzidine

Concen: 38.359 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

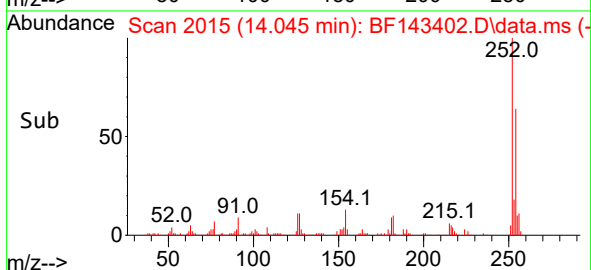
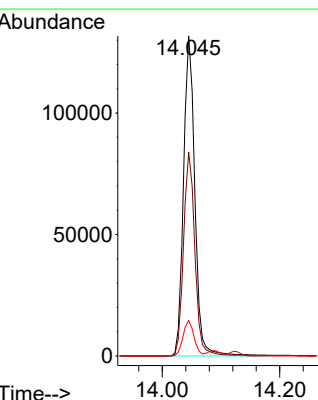
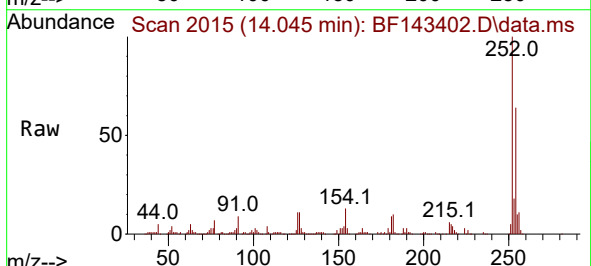
Tgt Ion:252 Resp: 176392

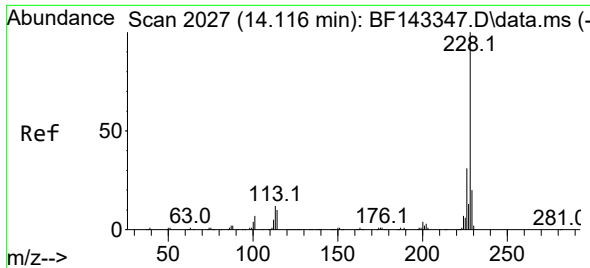
Ion Ratio Lower Upper

252 100

254 63.8 51.7 77.5

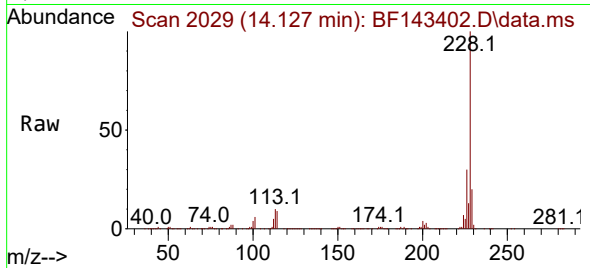
126 11.1 9.2 13.8





#83  
Chrysene  
Concen: 47.750 ng  
RT: 14.127 min Scan# 2027  
Delta R.T. 0.012 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

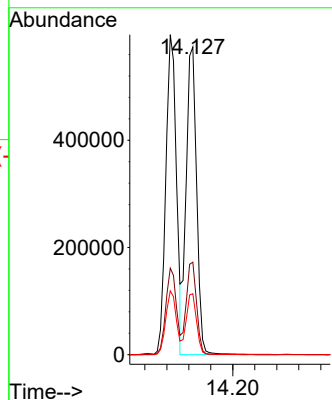
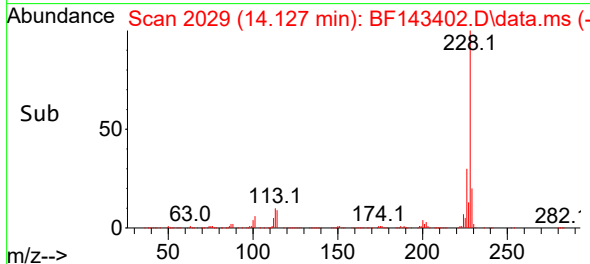
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:228 Resp: 75824  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.2 36.2  
229 19.8 15.8 23.6

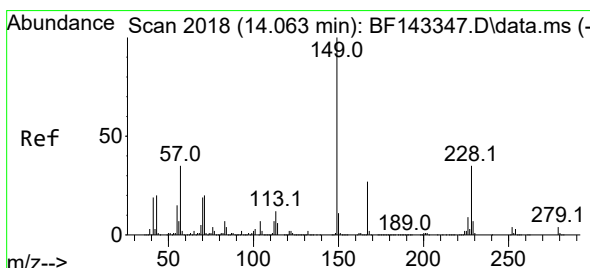
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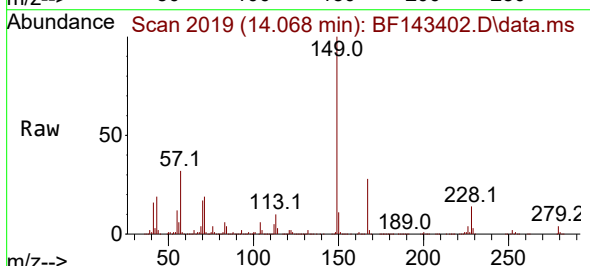


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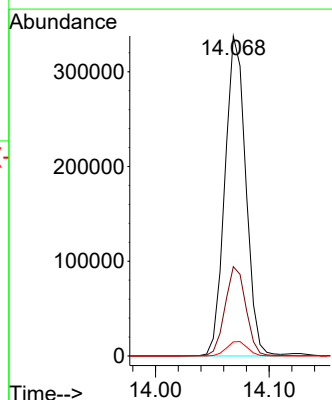
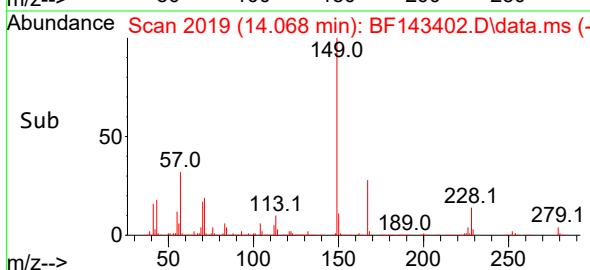
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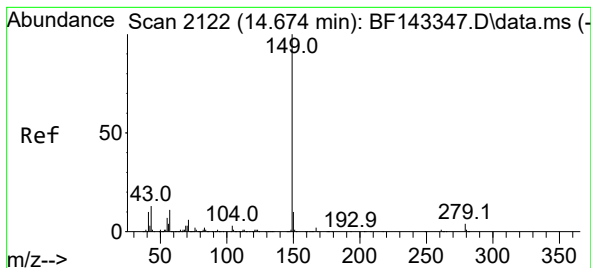


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 64.528 ng  
RT: 14.068 min Scan# 2019  
Delta R.T. 0.005 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



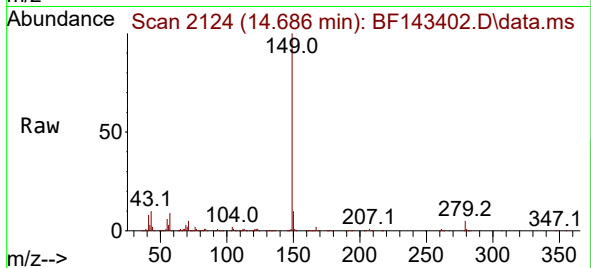
Tgt Ion:149 Resp: 431370  
Ion Ratio Lower Upper  
149 100  
167 27.9 21.4 32.0  
279 4.4 3.2 4.8





#85  
Di-n-octyl phthalate  
Concen: 60.987 ng  
RT: 14.686 min Scan# 2124  
Delta R.T. 0.012 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23

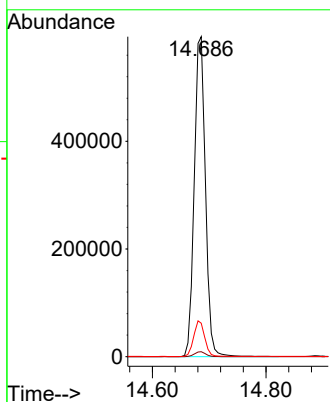
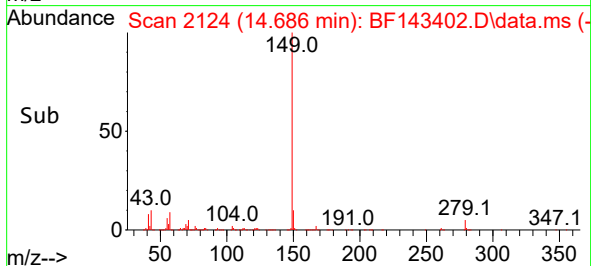
Instrument :  
BNA\_F  
ClientSampleId :  
PB169230BSD



Tgt Ion:149 Resp: 817569  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.0 10.8 16.2

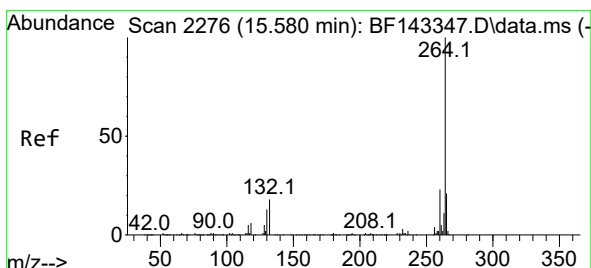
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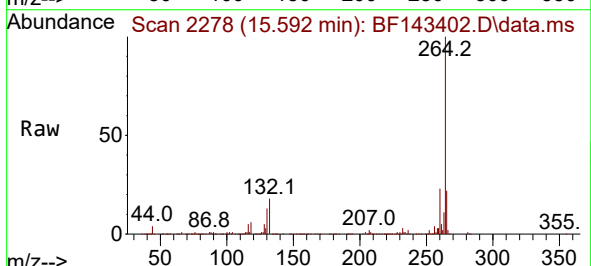


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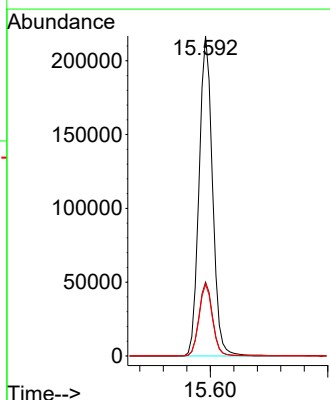
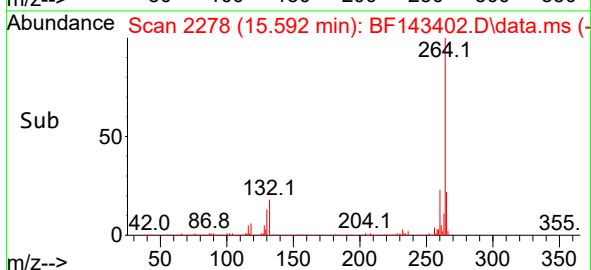
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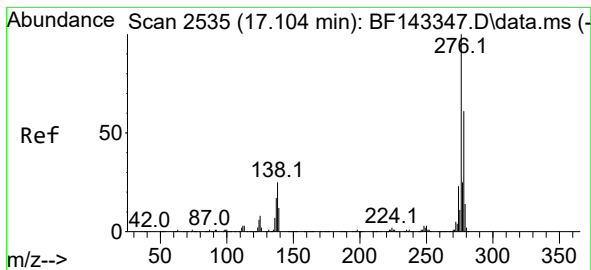


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.592 min Scan# 2278  
Delta R.T. 0.012 min  
Lab File: BF143402.D  
Acq: 15 Aug 2025 05:23



Tgt Ion:264 Resp: 344135  
Ion Ratio Lower Upper  
264 100  
260 23.1 18.7 28.1  
265 22.3 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.254 ng

RT: 17.127 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA\_F

ClientSampleId :

PB169230BSD

Tgt Ion:276 Resp: 1165050

Ion Ratio Lower Upper

276 100

138 25.3 21.1 31.7

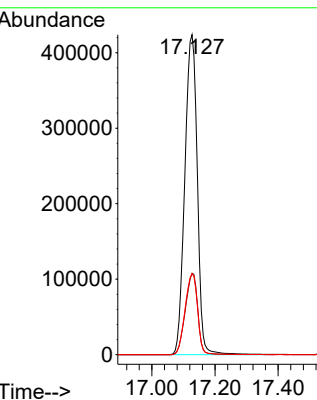
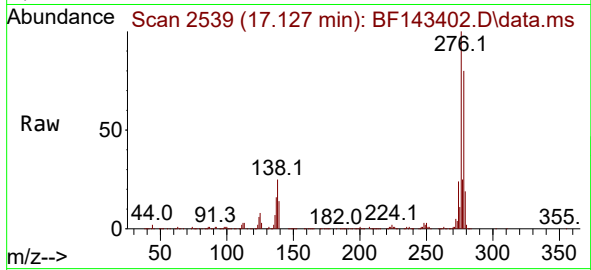
277 25.3 20.2 30.2

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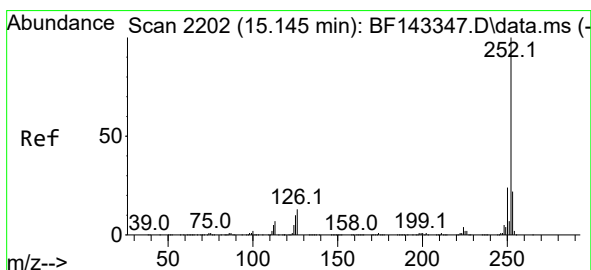
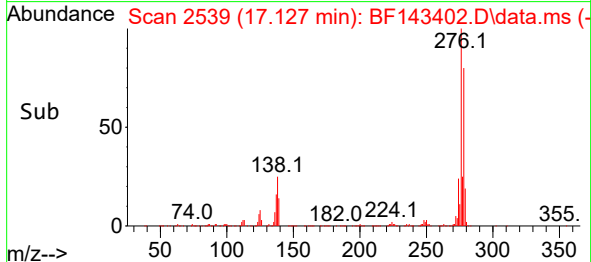
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08/15/2025

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08/15/2025



#88

Benzo(b)fluoranthene

Concen: 48.591 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.012 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

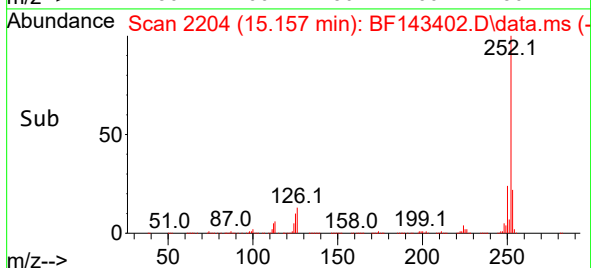
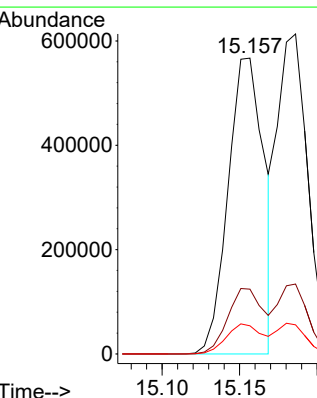
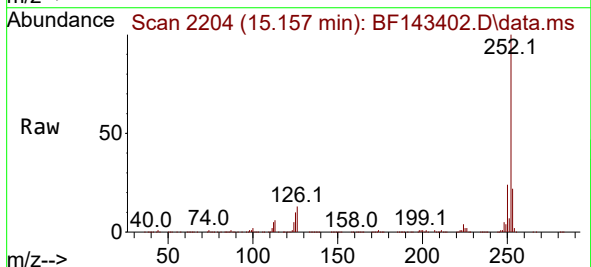
Tgt Ion:252 Resp: 914618

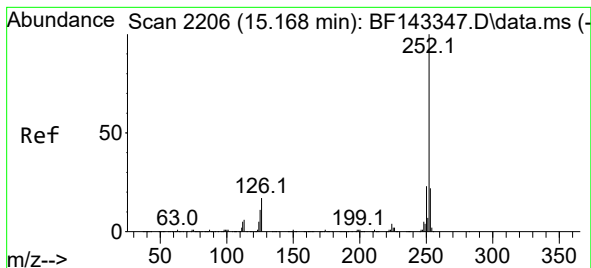
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 9.5 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 45.832 ng

RT: 15.186 min Scan# 2209

Delta R.T. 0.018 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA\_F

ClientSampleId :

PB169230BSD

Tgt Ion:252 Resp: 838259

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

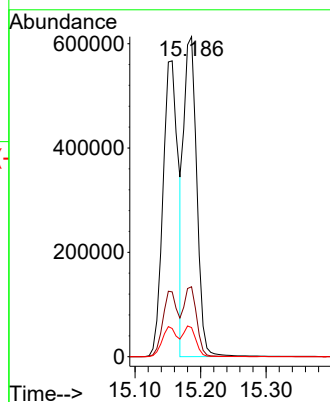
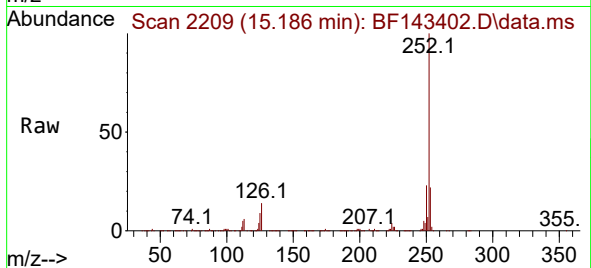
125 9.1 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

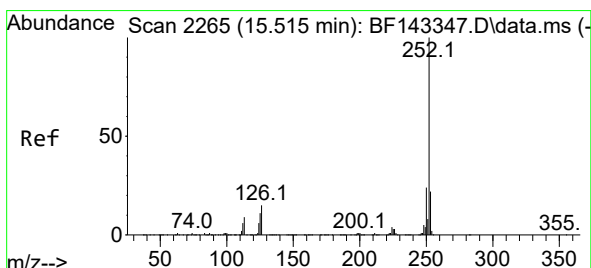
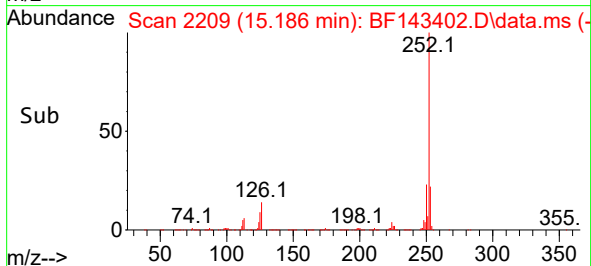
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#90

Benzo(a)pyrene

Concen: 49.713 ng

RT: 15.533 min Scan# 2268

Delta R.T. 0.018 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

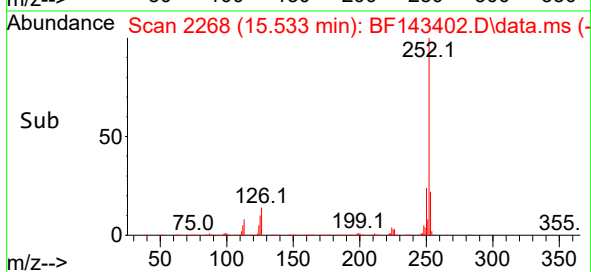
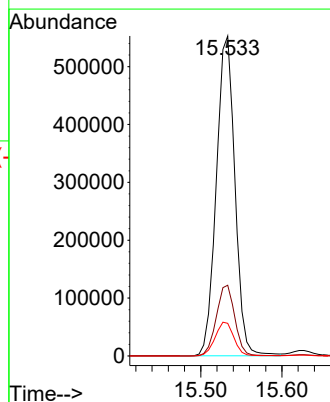
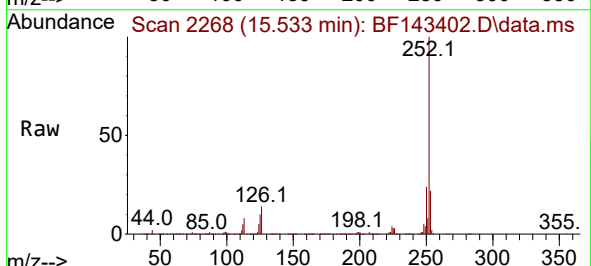
Tgt Ion:252 Resp: 881315

Ion Ratio Lower Upper

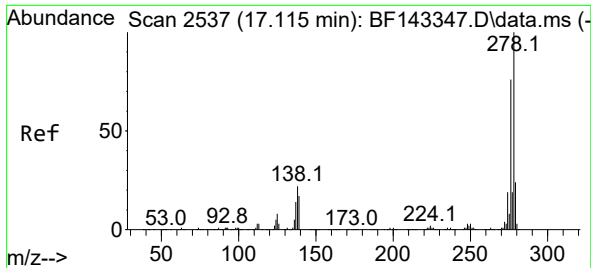
252 100

253 22.1 17.6 26.4

125 10.2 9.1 13.7

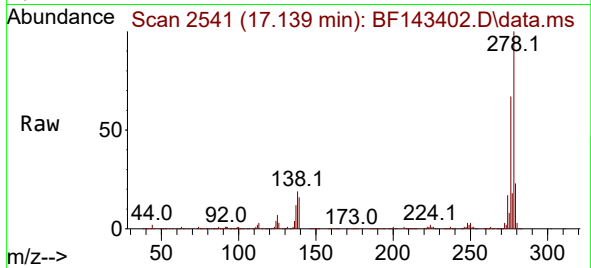






#91  
 Dibenzo(a,h)anthracene  
 Concen: 47.556 ng  
 RT: 17.139 min Scan# 2541  
 Delta R.T. 0.024 min  
 Lab File: BF143402.D  
 Acq: 15 Aug 2025 05:23

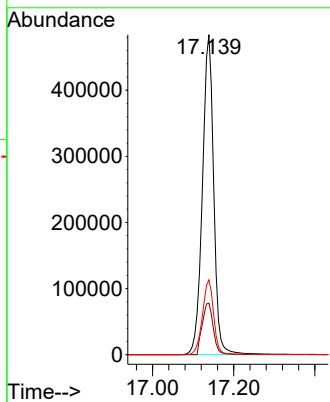
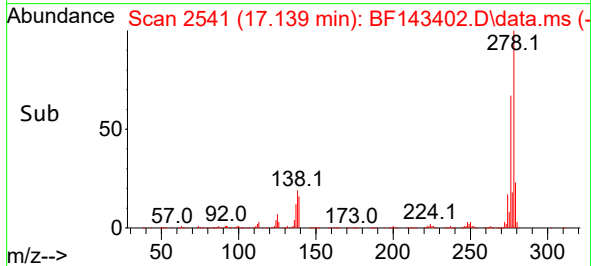
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169230BSD



Tgt Ion: 278 Resp: 93669  
 Ion Ratio Lower Upper  
 278 100  
 139 16.1 14.0 21.0  
 279 23.4 19.4 29.0

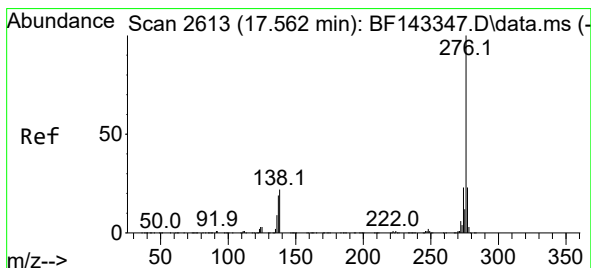
Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025  
 Supervised By :Jagrut Upadhyay 08/15/2025

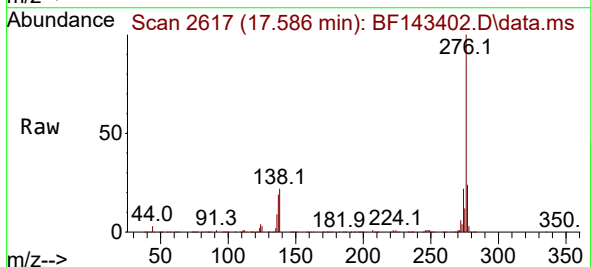


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 Upadhyay

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#92  
 Benzo(g,h,i)perylene  
 Concen: 47.544 ng  
 RT: 17.586 min Scan# 2617  
 Delta R.T. 0.024 min  
 Lab File: BF143402.D  
 Acq: 15 Aug 2025 05:23



Tgt Ion: 276 Resp: 943364  
 Ion Ratio Lower Upper  
 276 100  
 277 23.7 18.7 28.1  
 138 22.4 17.8 26.8

