

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011025\  
 Data File : BF141116.D  
 Acq On : 10 Jan 2025 15:56  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/13/2025  
 Supervised By :Jagrut Upadhyay 01/13/2025

Quant Time: Jan 10 22:22:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 22:16:11 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 168217   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 622896   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 324975   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 530147   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.992 | 240  | 271894   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 352412   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 1525899  | 140.129 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 1918422  | 139.082 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 1739858  | 148.062 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 557323   | 150.511 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 2850587  | 133.948 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 2467003  | 134.858 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.534  | 88   | 351852   | 72.560  | ng    | 99       |
| 3) Pyridine                   | 3.281  | 79   | 816147   | 68.634  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.246  | 42   | 443961   | 76.356  | ng    | 99       |
| 6) Aniline                    | 6.528  | 93   | 815353m  | 66.578  | ng    |          |
| 8) 2-Chlorophenol             | 6.610  | 128  | 810074   | 69.339  | ng    | 100      |
| 9) Benzaldehyde               | 6.375  | 77   | 386917   | 50.214  | ng    | 99       |
| 10) Phenol                    | 6.475  | 94   | 982234   | 66.523  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 759196   | 68.993  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 907685   | 69.661  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.839  | 146  | 906155   | 69.012  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.998  | 146  | 823201   | 67.211  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.969  | 79   | 708910   | 71.166  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 1068743  | 69.601  | ng    | 98       |
| 17) 2-Methylphenol            | 7.075  | 107  | 679309   | 72.022  | ng    | 99       |
| 18) Hexachloroethane          | 7.339  | 117  | 340288   | 71.665  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 567763   | 69.876  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.234  | 107  | 788317   | 66.248  | ng    | # 87     |
| 22) Acetophenone              | 7.239  | 105  | 1043334  | 70.458  | ng    | # 96     |
| 24) Nitrobenzene              | 7.410  | 77   | 907998   | 74.141  | ng    | 100      |
| 25) Isophorone                | 7.651  | 82   | 1494682  | 74.430  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.722  | 139  | 443880   | 79.678  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.757  | 122  | 563927   | 75.046  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.857  | 93   | 918663   | 72.893  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.963  | 162  | 667683   | 74.814  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 741753   | 72.713  | ng    | 99       |
| 31) Naphthalene               | 8.128  | 128  | 2298309  | 69.966  | ng    | 99       |
| 32) Benzoic acid              | 7.898  | 122  | 631685m  | 87.632  | ng    |          |
| 33) 4-Chloroaniline           | 8.186  | 127  | 841332   | 74.058  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 456568   | 74.278  | ng    | 99       |
| 35) Caprolactam               | 8.569  | 113  | 221670   | 75.721  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 732005   | 74.998  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.822  | 142  | 1483547  | 70.873  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.922  | 142  | 1427855  | 69.214  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 683299   | 73.257  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 245929   | 80.590  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 482054   | 76.629  | ng    | 99       |

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Manual Integrations  
 APPROVED

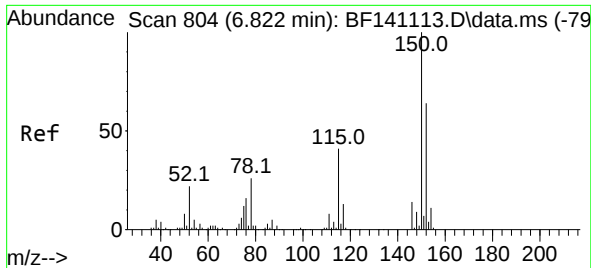
Reviewed By :Yogesh Patel 01/13/2025  
 Supervised By :Jagrut Upadhyay 01/13/2025

Quant Time: Jan 10 22:22:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 22:16:11 2025  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.133  | 196  | 492630   | 74.149 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.286  | 154  | 1777908  | 70.447 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 1398207  | 71.131 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 450504   | 77.314 | ng    | 99       |
| 49) Acenaphthylene            | 9.727  | 152  | 1983996  | 70.645 | ng    | 99       |
| 50) Dimethylphthalate         | 9.592  | 163  | 1589275  | 72.846 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.651  | 165  | 379244   | 74.751 | ng    | 96       |
| 52) Acenaphthene              | 9.898  | 154  | 1414785  | 72.106 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.816  | 138  | 391039   | 75.847 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.922  | 184  | 215138   | 89.214 | ng    | 97       |
| 55) Dibenzofuran              | 10.069 | 168  | 1879536  | 70.426 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.969  | 139  | 308922   | 76.509 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 497856   | 76.145 | ng    | 98       |
| 58) Fluorene                  | 10.410 | 166  | 1412871  | 68.143 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232  | 404062   | 73.167 | ng    | 100      |
| 60) Diethylphthalate          | 10.286 | 149  | 1514869  | 71.125 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 706991   | 69.961 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.433 | 138  | 373141   | 73.946 | ng    | 99       |
| 63) Azobenzene                | 10.563 | 77   | 1485207  | 70.670 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198  | 274625   | 89.395 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.527 | 169  | 1256185  | 73.463 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 468070   | 76.688 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 511144   | 75.230 | ng    | 98       |
| 69) Atrazine                  | 11.045 | 200  | 157235   | 34.150 | ng    | 99       |
| 70) Pentachlorophenol         | 11.151 | 266  | 340145   | 78.173 | ng    | 99       |
| 71) Phenanthrene              | 11.374 | 178  | 2003690  | 70.399 | ng    | 100      |
| 72) Anthracene                | 11.427 | 178  | 1946835  | 70.347 | ng    | 99       |
| 73) Carbazole                 | 11.580 | 167  | 1717091  | 67.666 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.916 | 149  | 1993804  | 68.655 | ng    | 100      |
| 75) Fluoranthene              | 12.563 | 202  | 1830012  | 64.432 | ng    | 99       |
| 77) Benzidine                 | 12.680 | 184  | 344262   | 68.277 | ng    | 99       |
| 78) Pyrene                    | 12.792 | 202  | 1828995  | 70.429 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 636843   | 73.552 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 1396346  | 75.462 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.945 | 252  | 478908   | 81.281 | ng    | 98       |
| 83) Chrysene                  | 14.015 | 228  | 1290260  | 74.521 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 771818   | 74.293 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 1395174  | 88.933 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.915 | 276  | 2015034  | 78.045 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 1737624  | 76.464 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 1331349  | 69.325 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.392 | 252  | 1418215  | 75.642 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.939 | 278  | 1616825  | 77.425 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.362 | 276  | 1705087  | 78.500 | ng    | 99       |

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





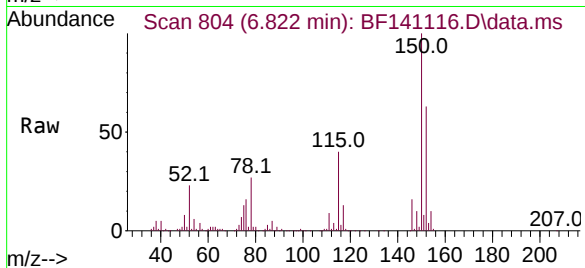
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.822 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

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ClientSampleId :

SSTDICC080

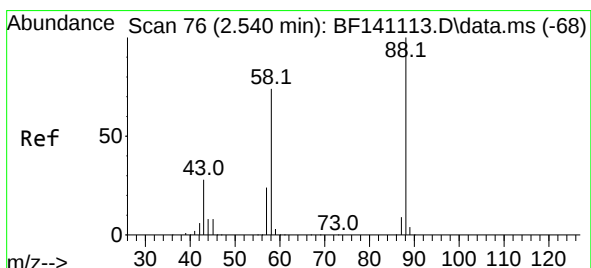
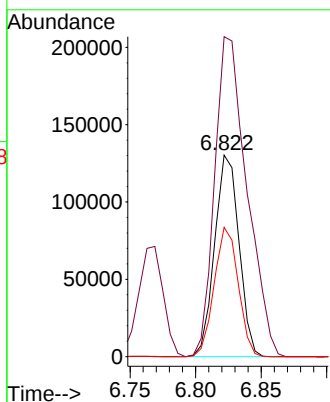
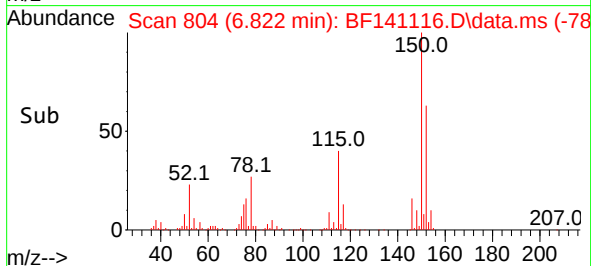


Tgt Ion:152 Resp: 16821  
Ion Ratio Lower Upper  
152 100  
150 158.7 125.8 188.8  
115 64.1 51.4 77.2

Manual Integrations

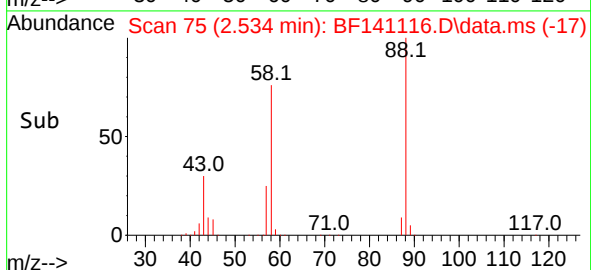
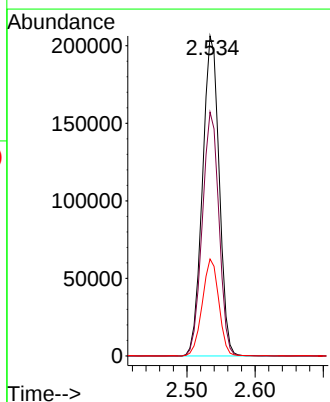
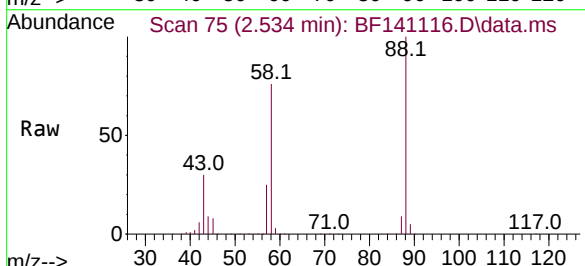
APPROVED

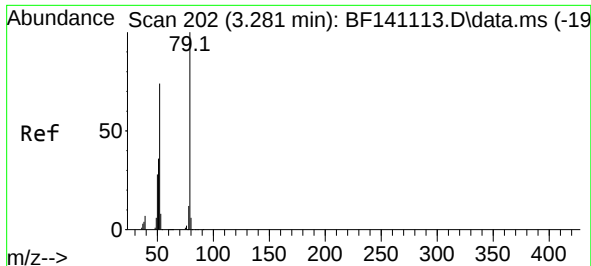
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#2  
1,4-Dioxane  
Concen: 72.560 ng  
RT: 2.534 min Scan# 75  
Delta R.T. -0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

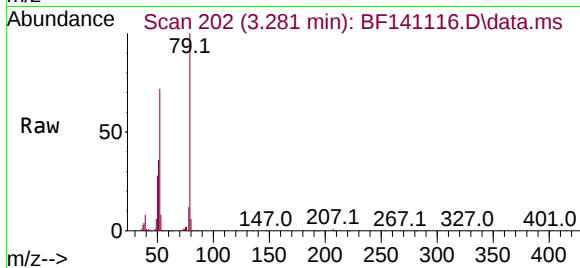
Tgt Ion: 88 Resp: 351852  
Ion Ratio Lower Upper  
88 100  
58 76.0 60.1 90.1  
43 30.0 23.1 34.7





#3  
Pyridine  
Concen: 68.634 ng  
RT: 3.281 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

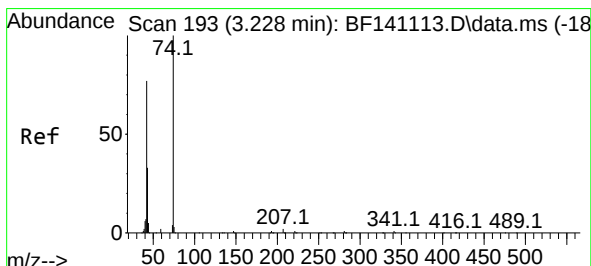
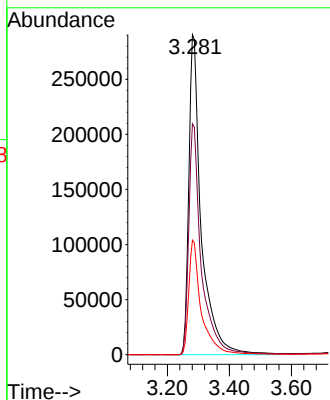
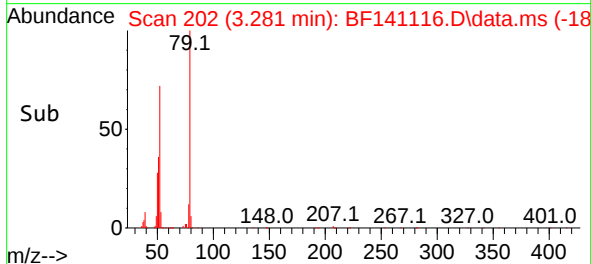
Instrument :  
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SSTDICC080



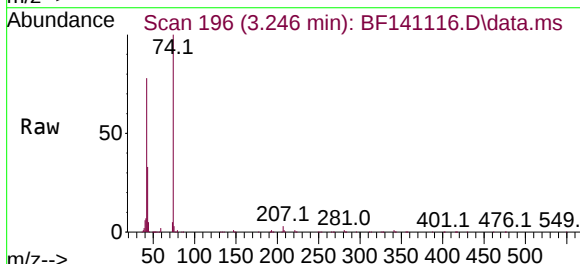
Tgt Ion: 79 Resp: 81614  
Ion Ratio Lower Upper  
79 100  
52 72.1 58.9 88.3  
51 35.8 29.1 43.7

Manual Integrations  
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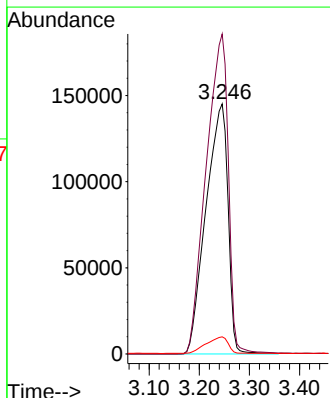
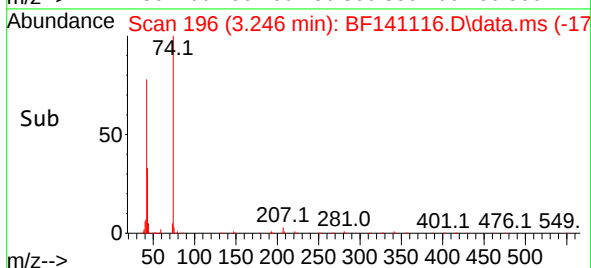
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#4  
n-Nitrosodimethylamine  
Concen: 76.356 ng  
RT: 3.246 min Scan# 196  
Delta R.T. 0.018 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



Tgt Ion: 42 Resp: 443961  
Ion Ratio Lower Upper  
42 100  
74 128.0 103.8 155.6  
44 6.9 5.3 7.9





#5  
2-Fluorophenol  
Concen: 140.129 ng  
RT: 5.434 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

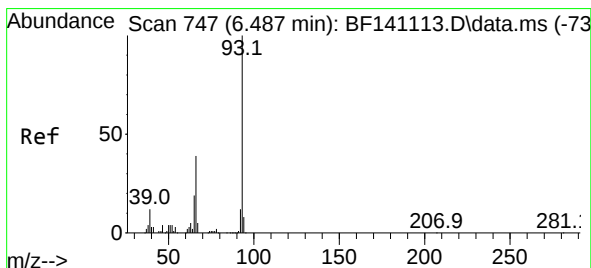
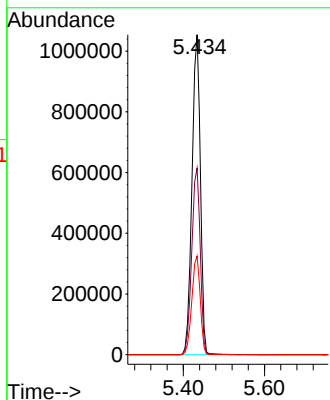
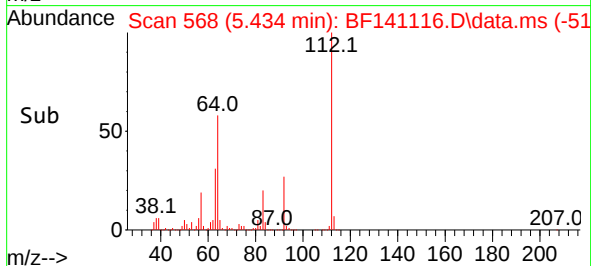
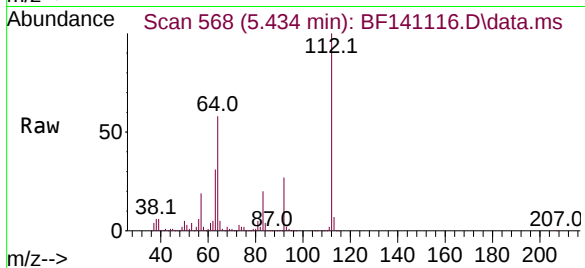
SSTDICC080

Tgt Ion:112 Resp: 152589  
Ion Ratio Lower Upper  
112 100  
64 58.3 47.3 70.9  
63 30.8 24.2 36.2

Manual Integrations

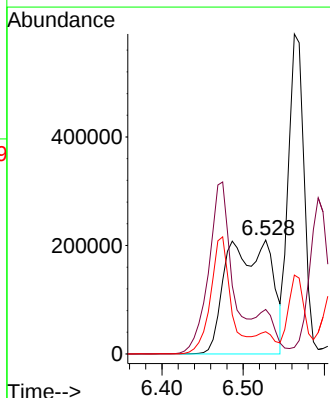
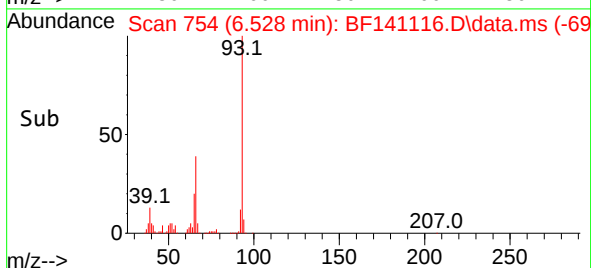
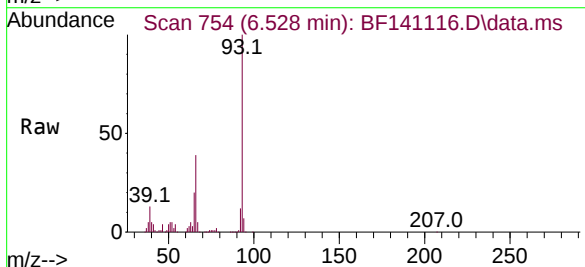
APPROVED

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Supervised By :Jagrut Upadhyay 01/13/2025



#6  
Aniline  
Concen: 66.578 ng m  
RT: 6.528 min Scan# 754  
Delta R.T. 0.041 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

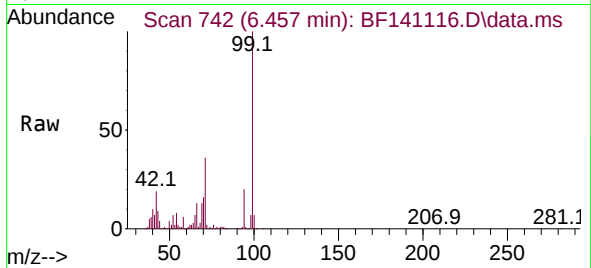
Tgt Ion: 93 Resp: 815353  
Ion Ratio Lower Upper  
93 100  
66 39.1 31.5 47.3  
65 19.6 15.3 22.9





#7  
Phenol-d6  
Concen: 139.082 ng  
RT: 6.457 min Scan# 741  
Delta R.T. 0.012 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

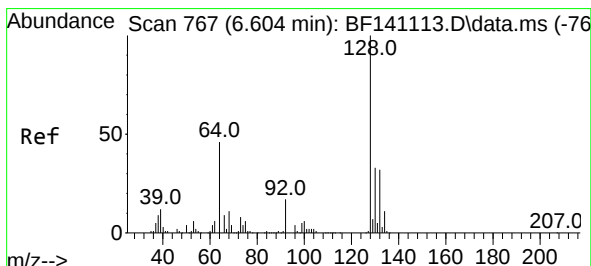
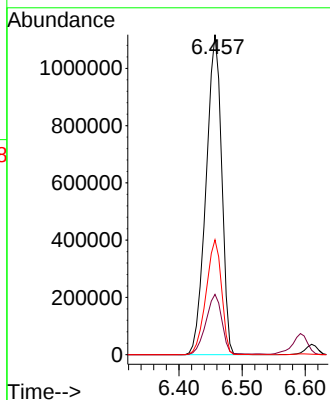
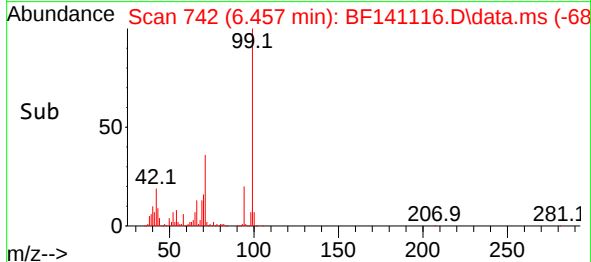
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



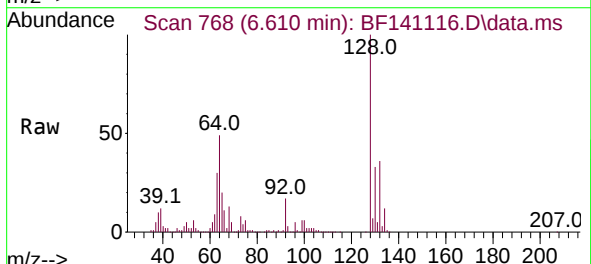
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Ion Ratio Lower Upper  
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71 35.9 27.6 41.4

Manual Integrations  
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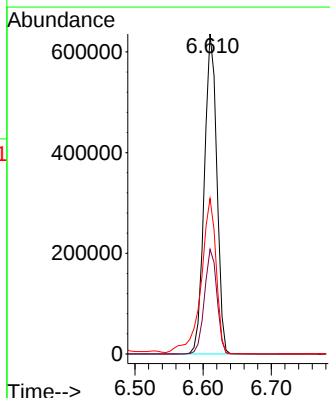
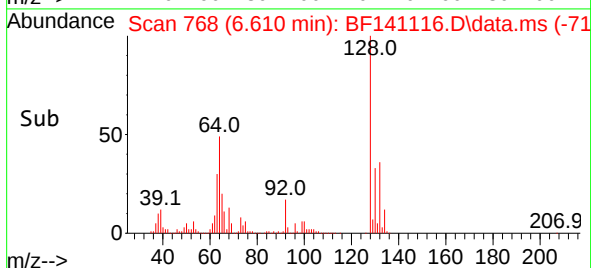
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#8  
2-Chlorophenol  
Concen: 69.339 ng  
RT: 6.610 min Scan# 768  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



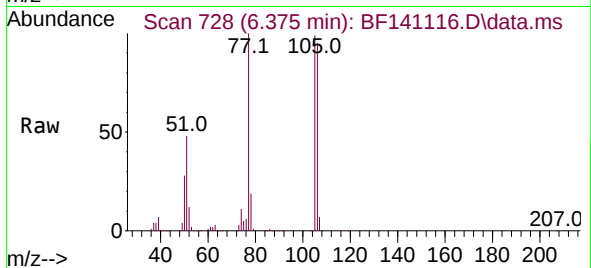
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Ion Ratio Lower Upper  
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130 32.7 12.5 52.5  
64 48.6 28.3 68.3





#9  
Benzaldehyde  
Concen: 50.214 ng  
RT: 6.375 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

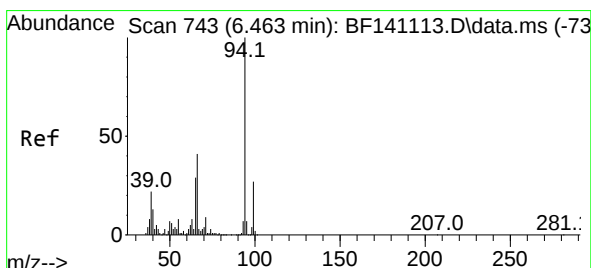
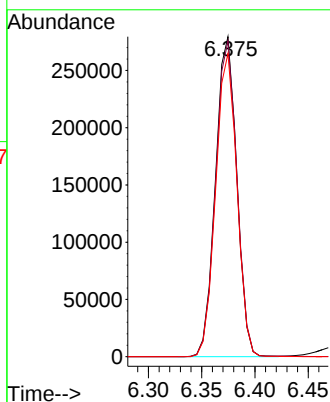
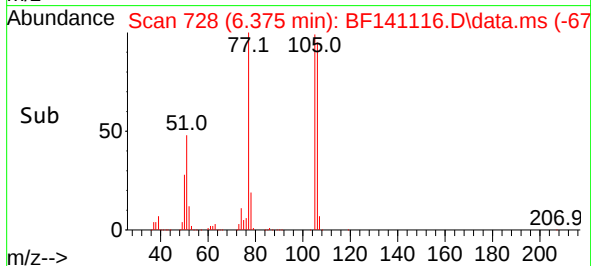
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



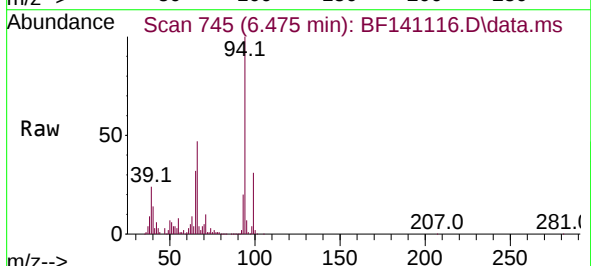
Tgt Ion: 77 Resp: 38691  
Ion Ratio Lower Upper  
77 100  
105 98.6 78.9 118.9  
106 94.8 73.6 113.6

Manual Integrations  
APPROVED

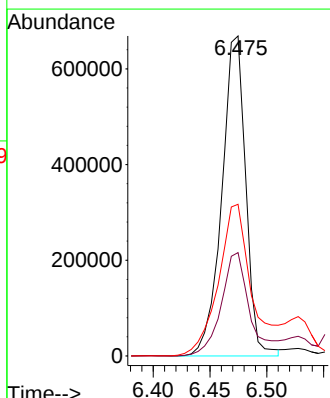
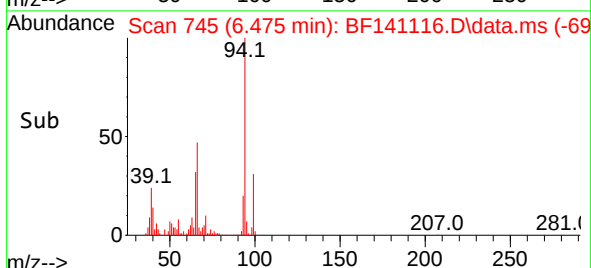
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025

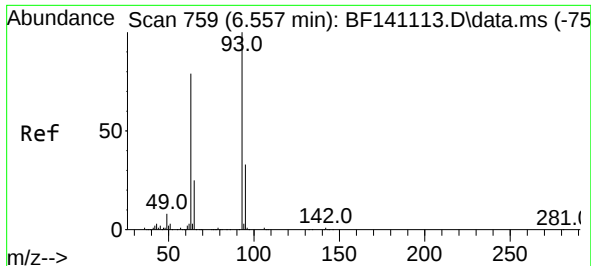


#10  
Phenol  
Concen: 66.523 ng  
RT: 6.475 min Scan# 745  
Delta R.T. 0.012 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



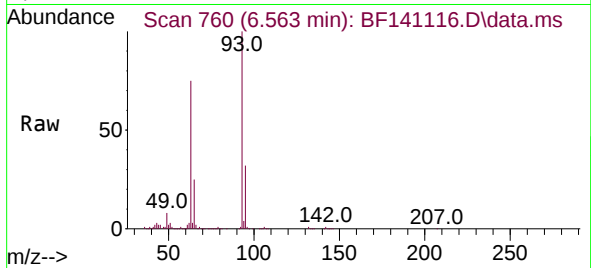
Tgt Ion: 94 Resp: 982234  
Ion Ratio Lower Upper  
94 100  
65 32.3 8.9 48.9  
66 47.4 21.2 61.2





#11  
bis(2-Chloroethyl)ether  
Concen: 68.993 ng  
RT: 6.563 min Scan# 759  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

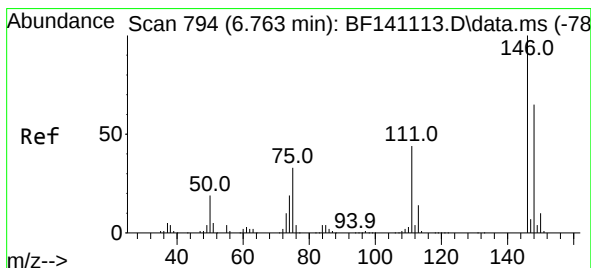
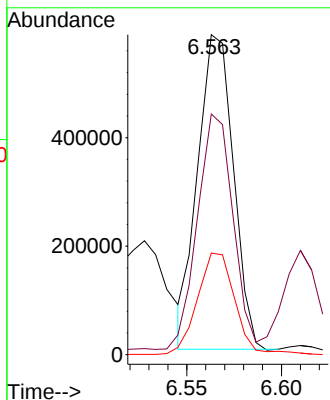
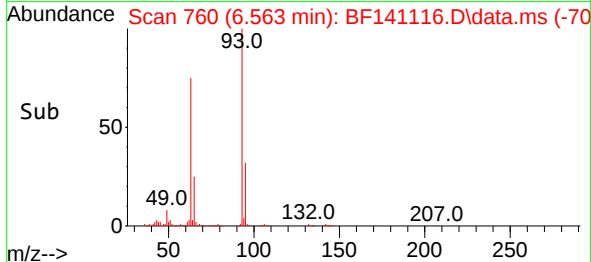
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion: 93 Resp: 759190  
Ion Ratio Lower Upper  
93 100  
63 75.2 58.0 98.0  
95 31.7 12.5 52.5

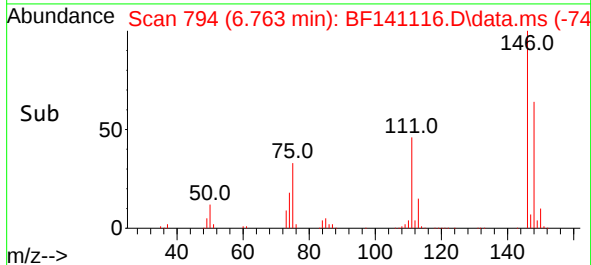
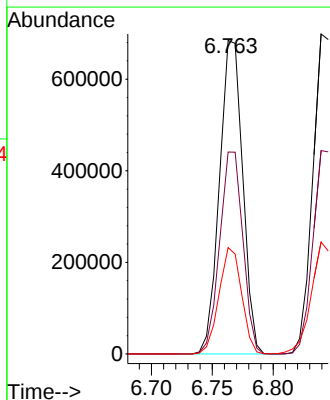
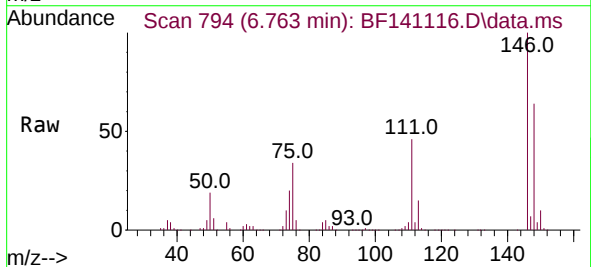
Manual Integrations  
APPROVED

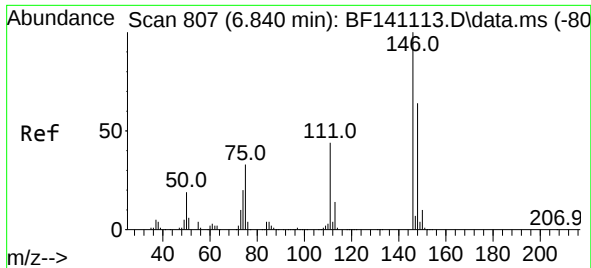
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#12  
1,3-Dichlorobenzene  
Concen: 69.661 ng  
RT: 6.763 min Scan# 794  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

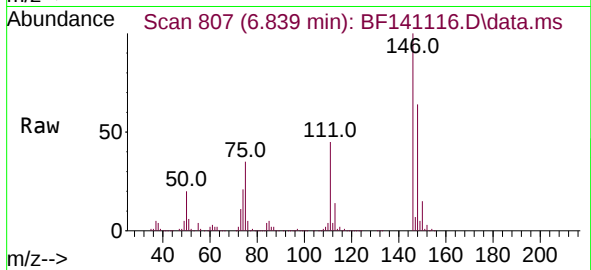
Tgt Ion:146 Resp: 907685  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.6 77.4  
75 33.9 26.2 39.2





#13  
1,4-Dichlorobenzene  
Concen: 69.012 ng  
RT: 6.839 min Scan# 807  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

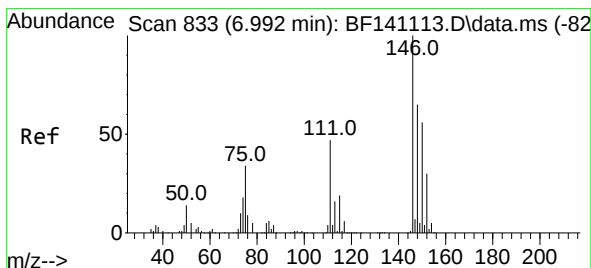
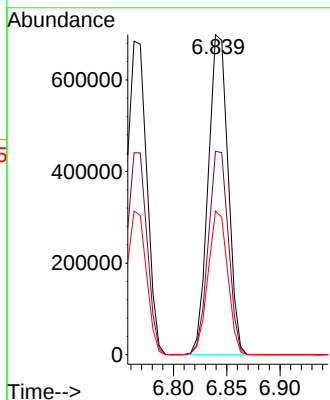
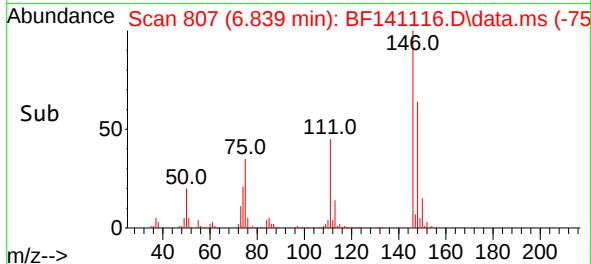
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



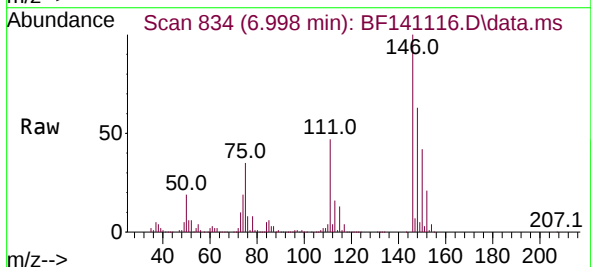
Tgt Ion:146 Resp: 90615  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.0 76.6  
111 44.9 34.9 52.3

Manual Integrations  
APPROVED

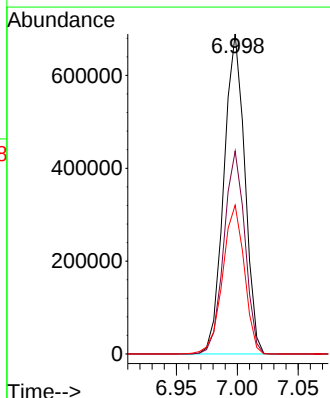
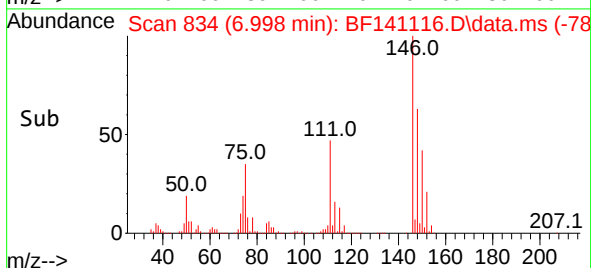
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#14  
1,2-Dichlorobenzene  
Concen: 67.211 ng  
RT: 6.998 min Scan# 834  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



Tgt Ion:146 Resp: 823201  
Ion Ratio Lower Upper  
146 100  
148 63.4 52.2 78.4  
111 46.5 37.5 56.3





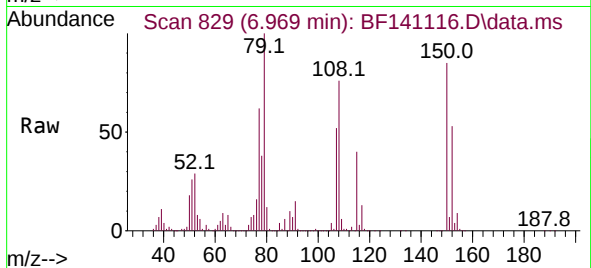
#15  
Benzyl Alcohol  
Concen: 71.166 ng  
RT: 6.969 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

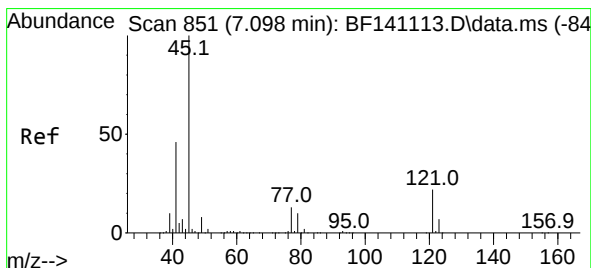
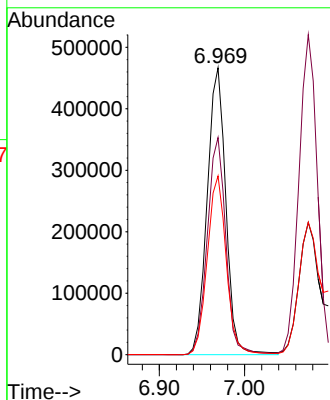
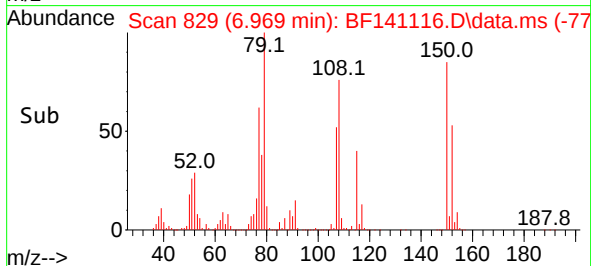


Tgt Ion: 79 Resp: 708910  
Ion Ratio Lower Upper  
79 100  
108 75.7 61.4 92.0  
77 62.3 49.8 74.6

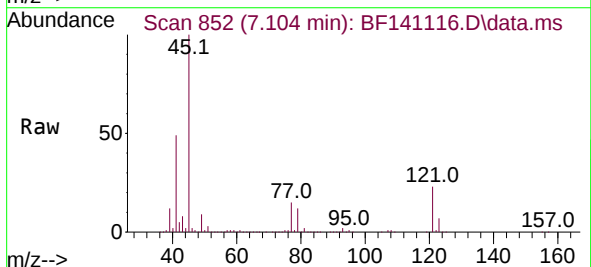
Manual Integrations

APPROVED

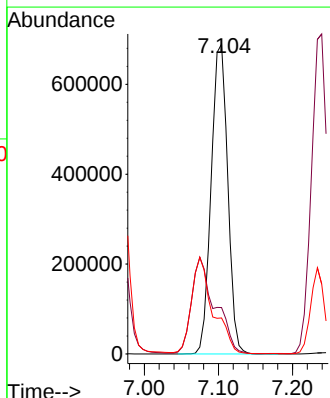
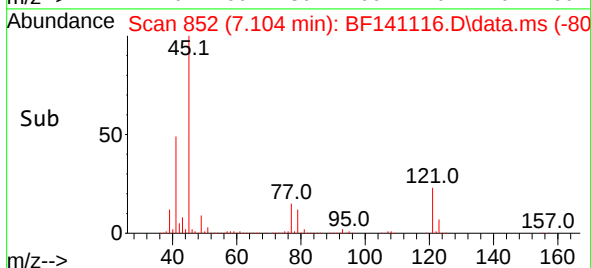
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025

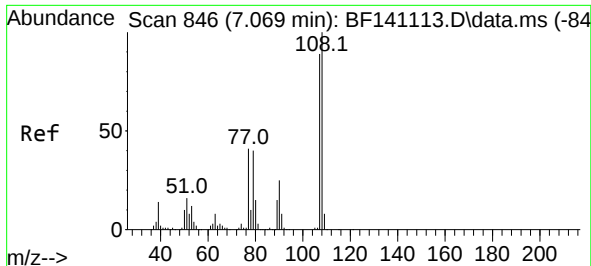


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 69.601 ng  
RT: 7.104 min Scan# 852  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



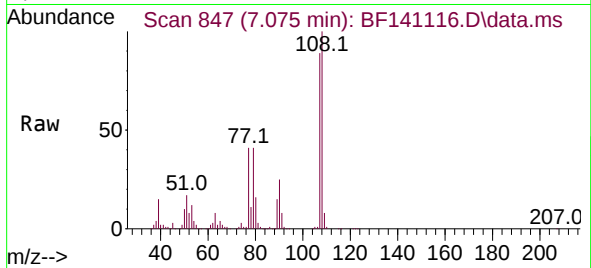
Tgt Ion: 45 Resp: 1068743  
Ion Ratio Lower Upper  
45 100  
77 15.0 0.0 34.1  
79 11.6 0.0 31.0





#17  
2-Methylphenol  
Concen: 72.022 ng  
RT: 7.075 min Scan# 846  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

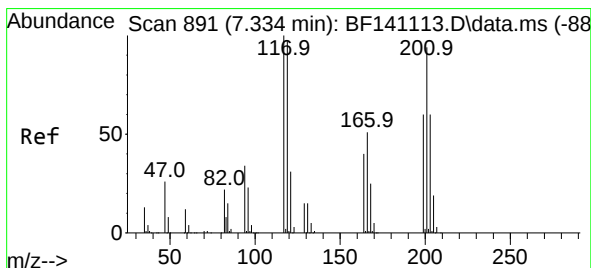
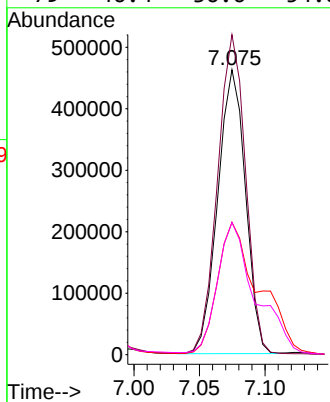
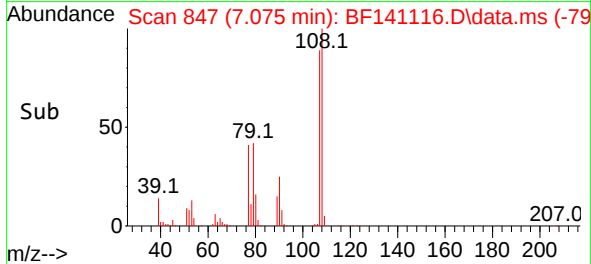
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:107 Resp: 679309  
Ion Ratio Lower Upper  
107 100  
108 112.3 90.1 135.1  
77 46.5 36.6 55.0  
79 46.4 36.6 54.8

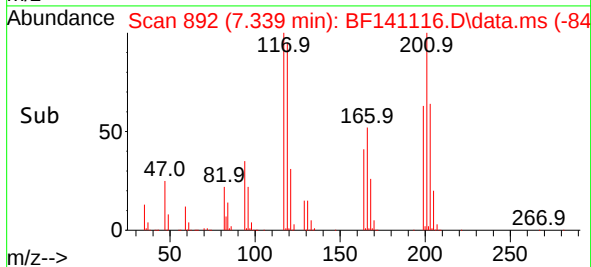
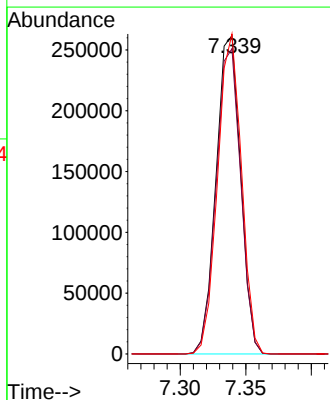
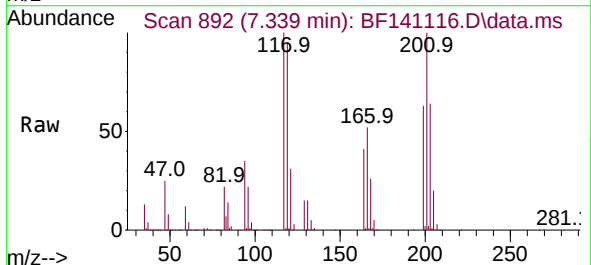
Manual Integrations  
APPROVED

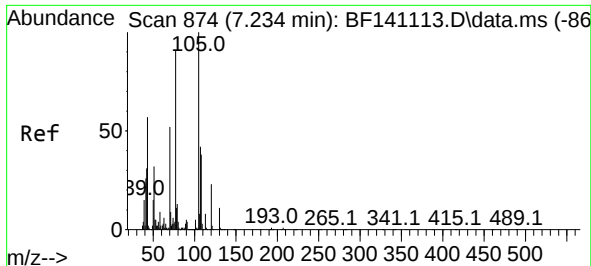
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#18  
Hexachloroethane  
Concen: 71.665 ng  
RT: 7.339 min Scan# 892  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Tgt Ion:117 Resp: 340288  
Ion Ratio Lower Upper  
117 100  
119 95.9 77.6 116.4  
201 100.5 75.1 112.7





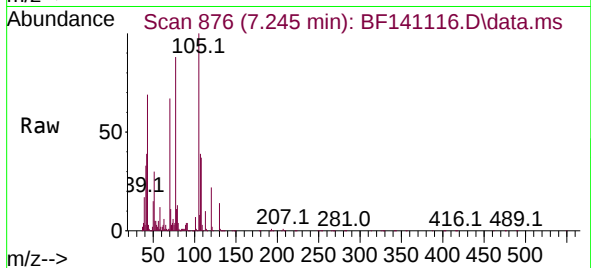
#19  
n-Nitroso-di-n-propylamine  
Concen: 69.876 ng  
RT: 7.245 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



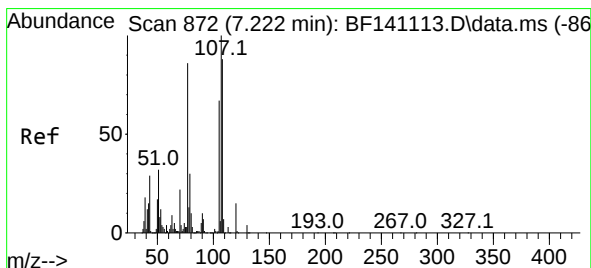
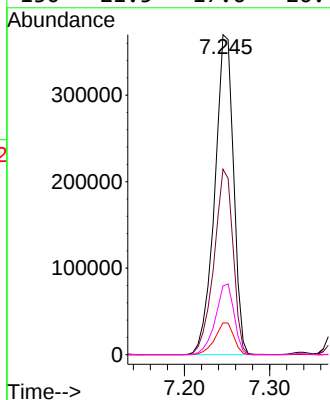
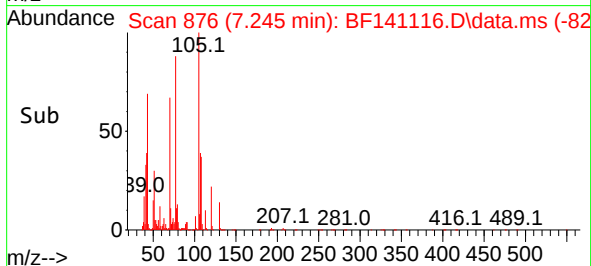
Tgt Ion: 70 Resp: 56776  
Ion Ratio Lower Upper  
70 100  
42 58.0 47.8 71.6  
101 9.9 7.9 11.9  
130 21.5 17.6 26.4

Manual Integrations

APPROVED

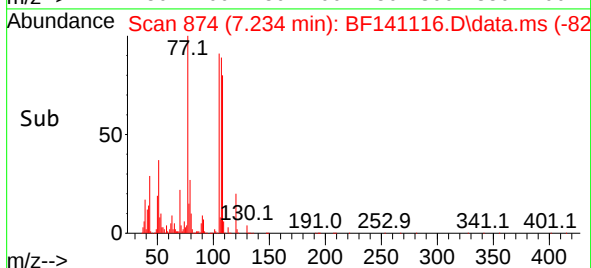
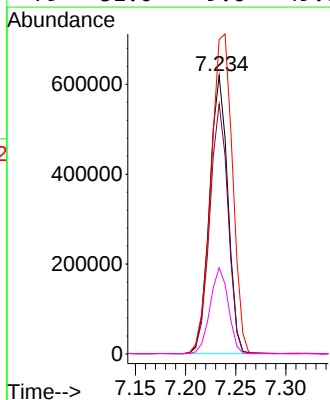
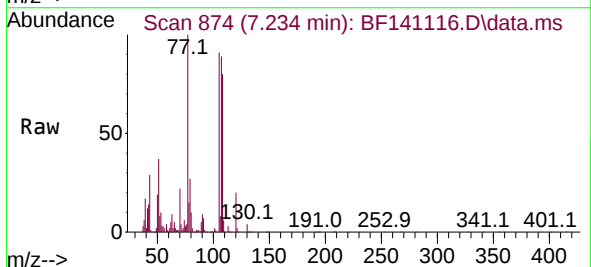
Reviewed By :Yogesh Patel 01/13/2025

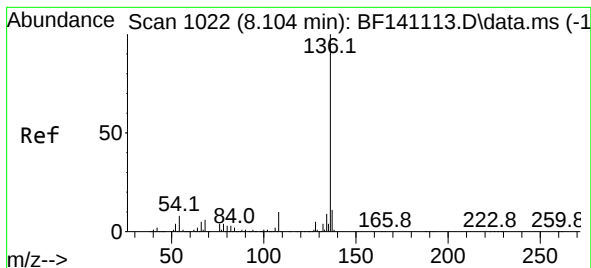
Supervised By :Jagrut Upadhyay 01/13/2025



#20  
3+4-Methylphenols  
Concen: 66.248 ng  
RT: 7.234 min Scan# 874  
Delta R.T. 0.012 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Tgt Ion:107 Resp: 788317  
Ion Ratio Lower Upper  
107 100  
108 89.8 68.3 108.3  
77 113.0 66.4 106.4#  
79 31.0 9.6 49.6





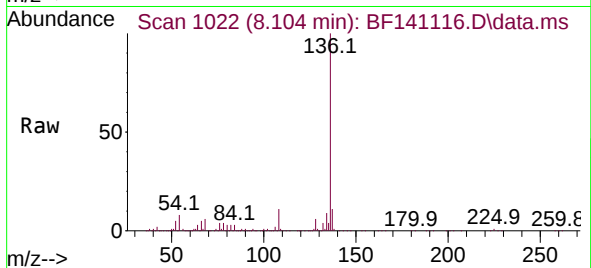
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

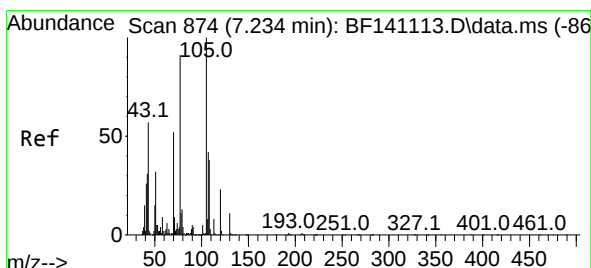
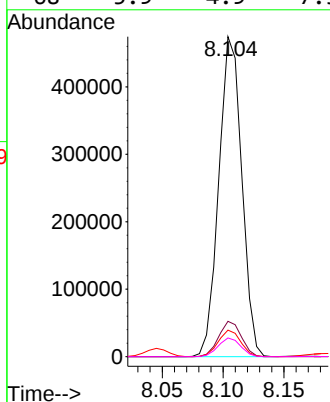
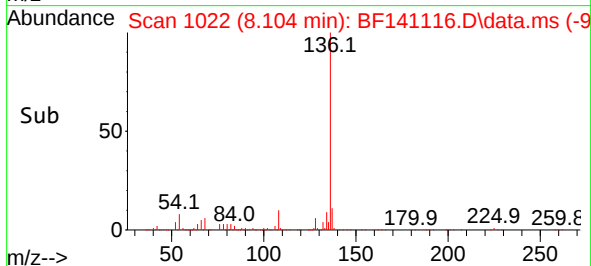


Tgt Ion:136 Resp: 622890  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 8.3 6.3 9.5  
68 5.9 4.9 7.3

Manual Integrations

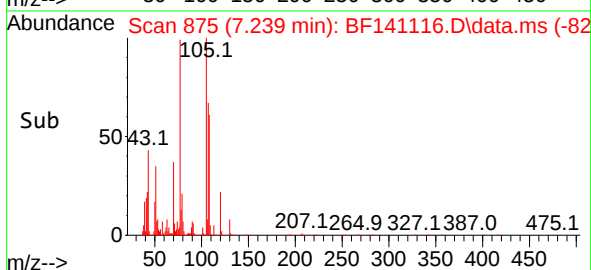
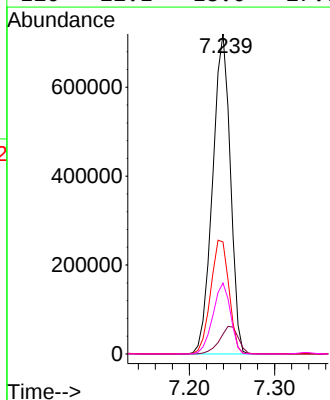
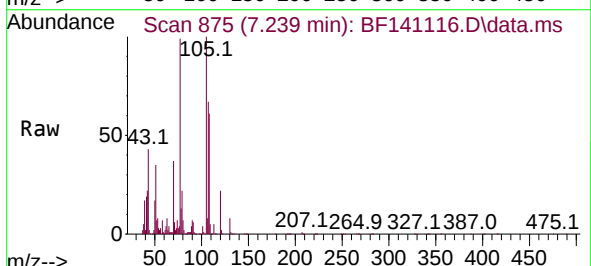
APPROVED

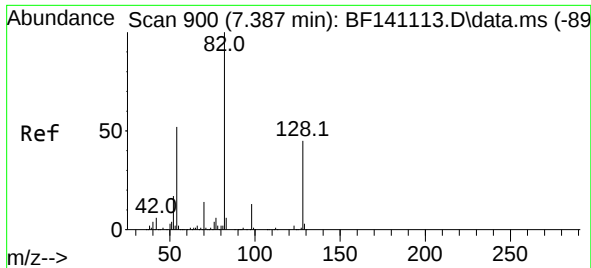
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#22  
Acetophenone  
Concen: 70.458 ng  
RT: 7.239 min Scan# 875  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Tgt Ion:105 Resp: 1043334  
Ion Ratio Lower Upper  
105 100  
71 6.2 7.1 10.7#  
51 35.0 25.4 38.2  
120 22.1 18.0 27.0





#23

Nitrobenzene-d5

Concen: 148.062 ng

RT: 7.392 min Scan# 900

Delta R.T. 0.006 min

Lab File: BF141116.D

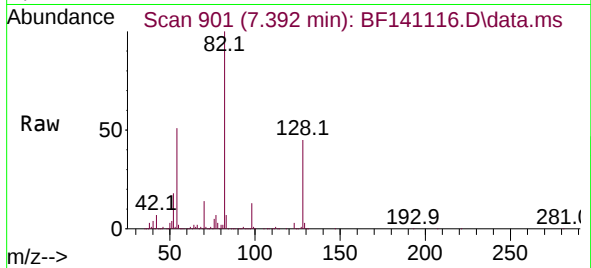
Acq: 10 Jan 2025 15:56

Instrument :

BNF

ClientSampleId :

SSTDICC080



Tgt Ion: 82 Resp: 173985

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

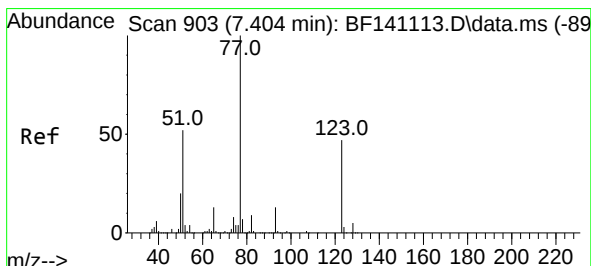
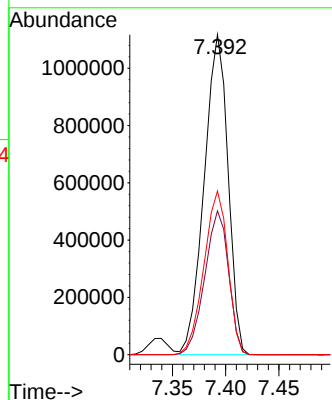
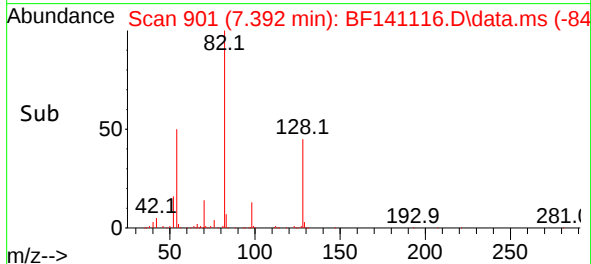
54 51.1 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#24

Nitrobenzene

Concen: 74.141 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

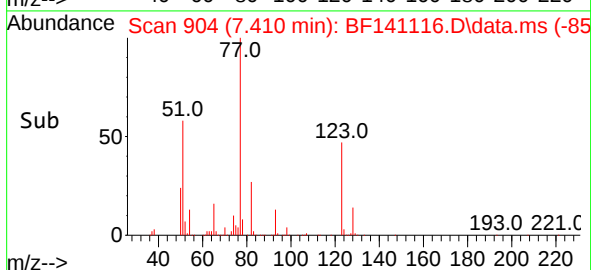
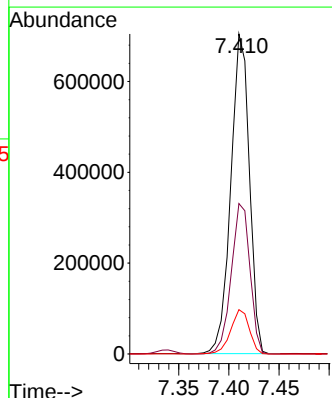
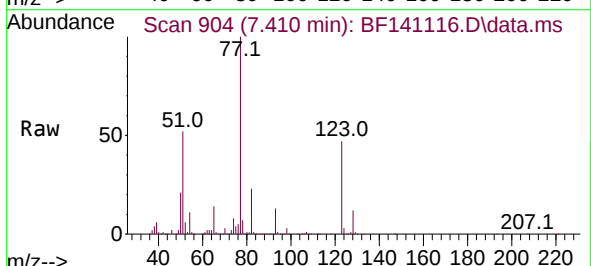
Tgt Ion: 77 Resp: 907998

Ion Ratio Lower Upper

77 100

123 47.0 37.7 56.5

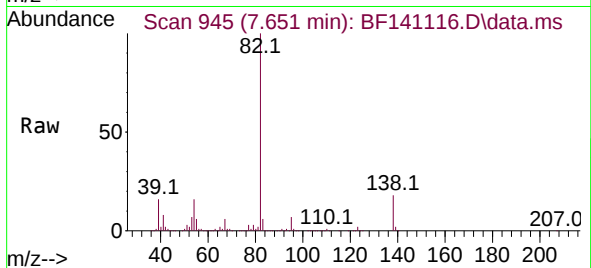
65 13.8 10.6 16.0





#25  
Isophorone  
Concen: 74.430 ng  
RT: 7.651 min Scan# 943  
Delta R.T. 0.012 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

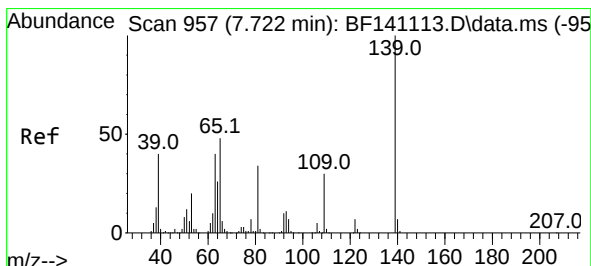
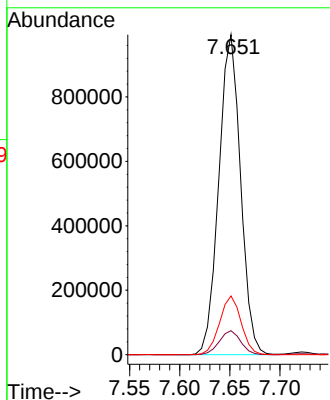
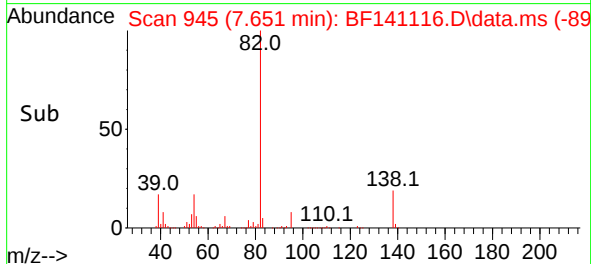
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion: 82 Resp: 149468  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.9 8.9  
138 18.3 14.2 21.2

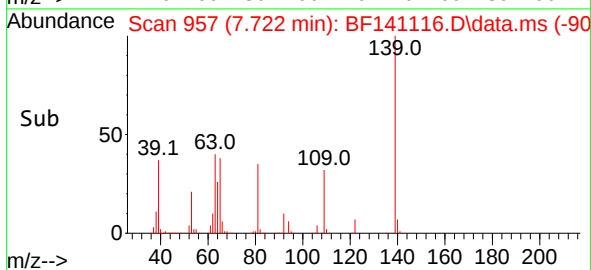
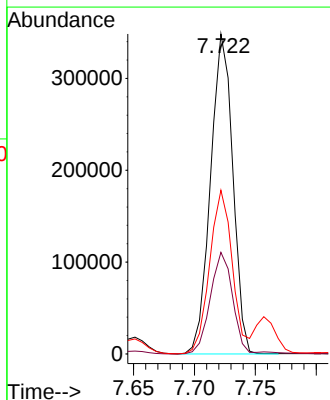
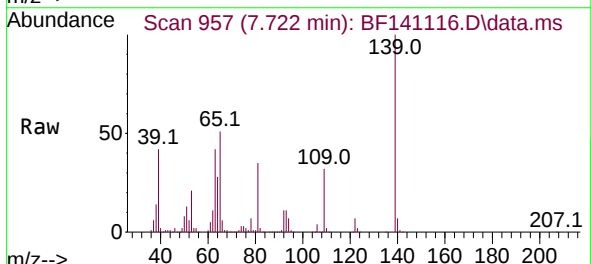
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#26  
2-Nitrophenol  
Concen: 79.678 ng  
RT: 7.722 min Scan# 957  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Tgt Ion:139 Resp: 443880  
Ion Ratio Lower Upper  
139 100  
109 31.8 23.8 35.6  
65 51.2 38.5 57.7





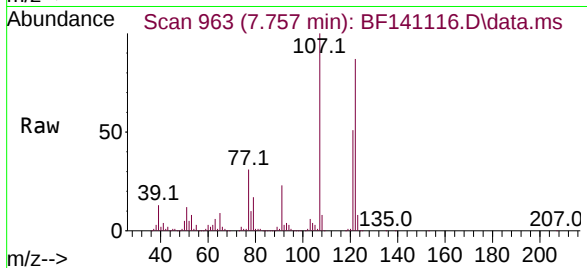
#27  
2,4-Dimethylphenol  
Concen: 75.046 ng  
RT: 7.757 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

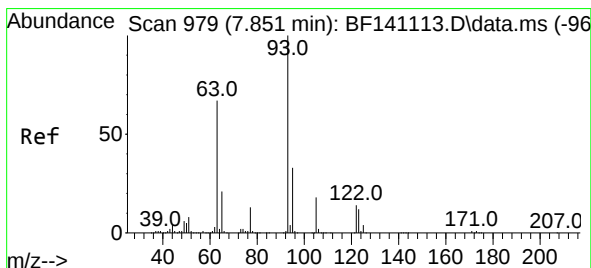
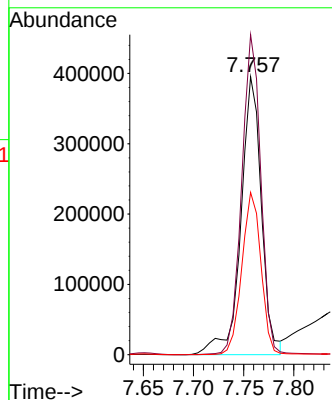
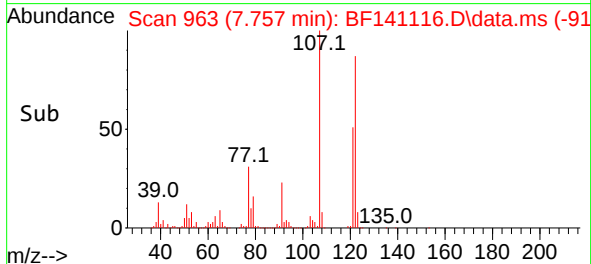


Tgt Ion:122 Resp: 56392  
Ion Ratio Lower Upper  
122 100  
107 115.1 90.3 135.5  
121 58.4 46.5 69.7

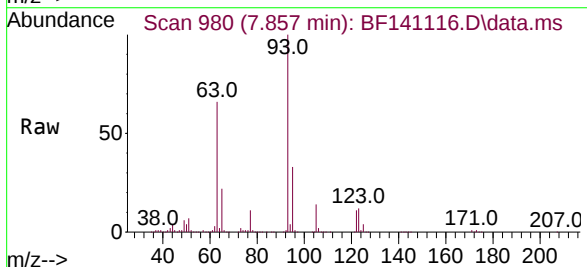
Manual Integrations

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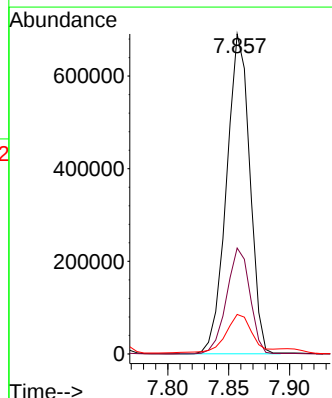
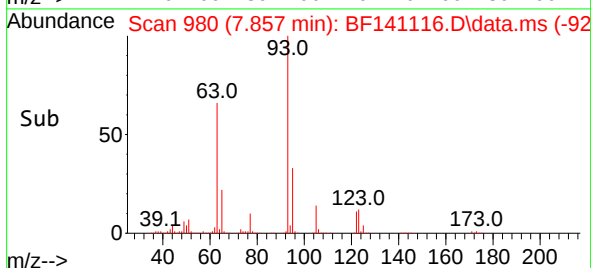
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025

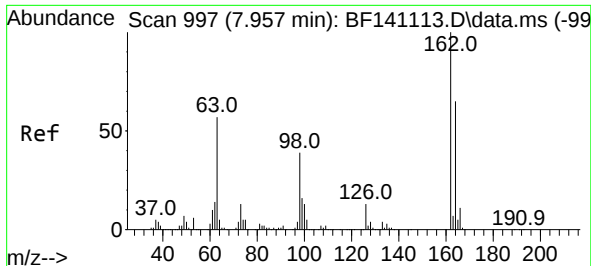


#28  
bis(2-Chloroethoxy)methane  
Concen: 72.893 ng  
RT: 7.857 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



Tgt Ion: 93 Resp: 918663  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.2 39.4  
123 12.3 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 74.814 ng

RT: 7.963 min Scan# 997

Delta R.T. 0.006 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 66768

Ion Ratio Lower Upper

162 100

164 64.9 44.5 84.5

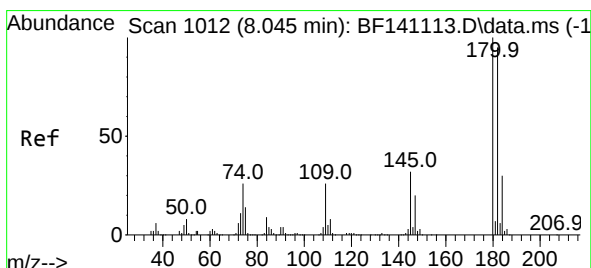
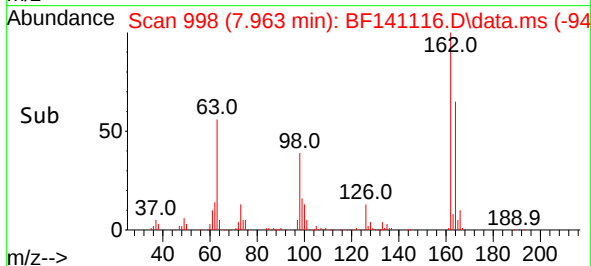
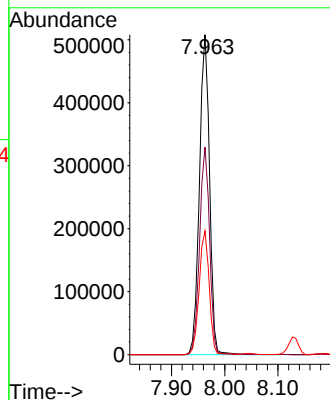
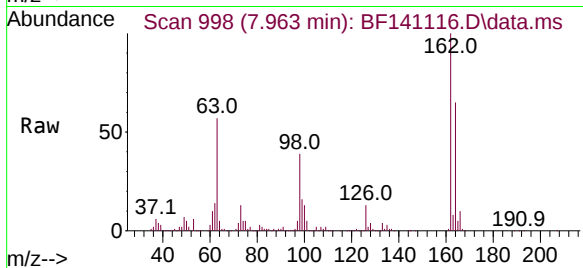
98 38.6 18.5 58.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#30

1,2,4-Trichlorobenzene

Concen: 72.713 ng

RT: 8.045 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

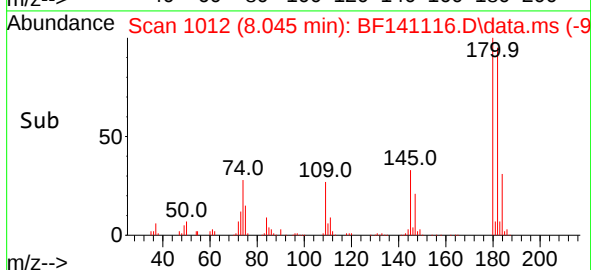
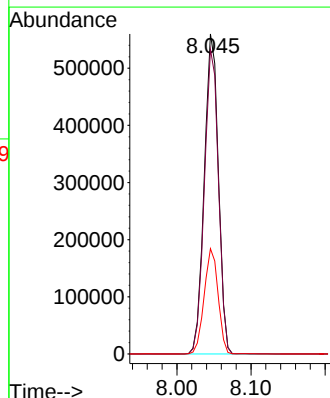
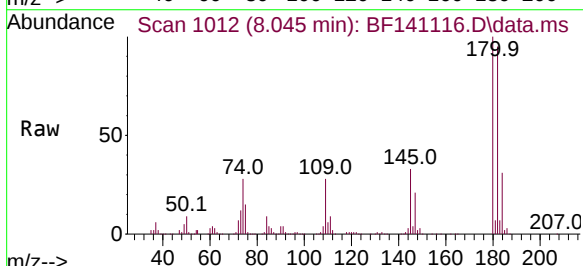
Tgt Ion:180 Resp: 741753

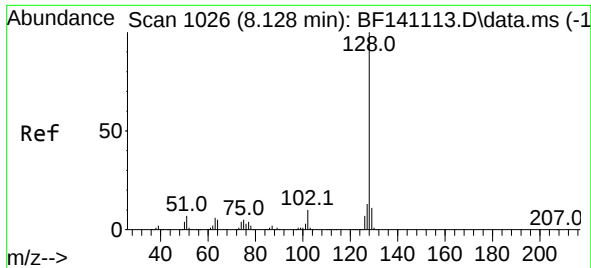
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 32.9 25.3 37.9





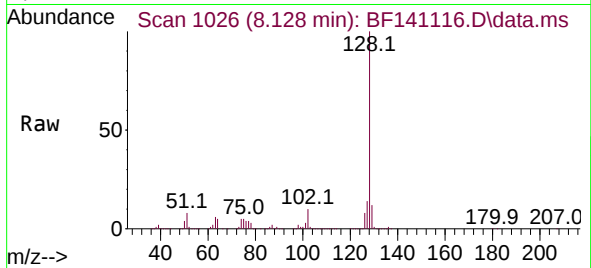
#31  
Naphthalene  
Concen: 69.966 ng  
RT: 8.128 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

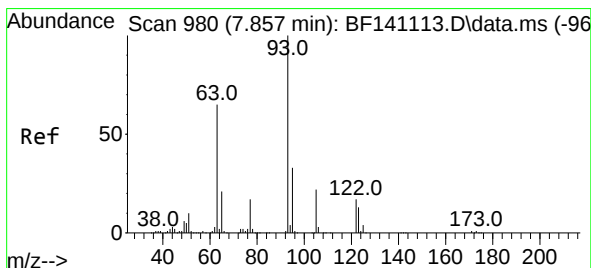
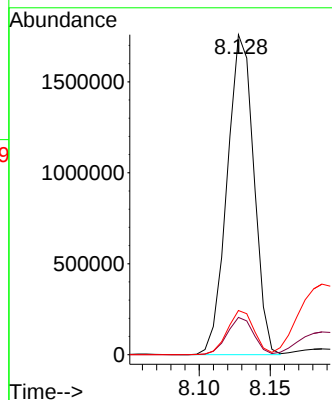
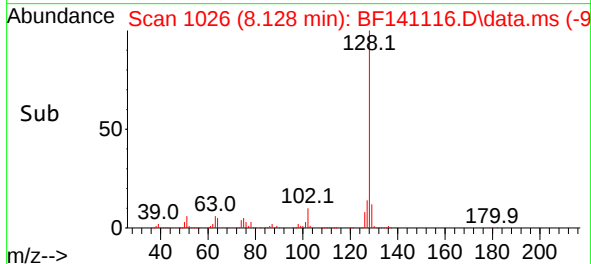


Tgt Ion:128 Resp: 2298309  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.0 13.6  
127 13.8 10.8 16.2

Manual Integrations

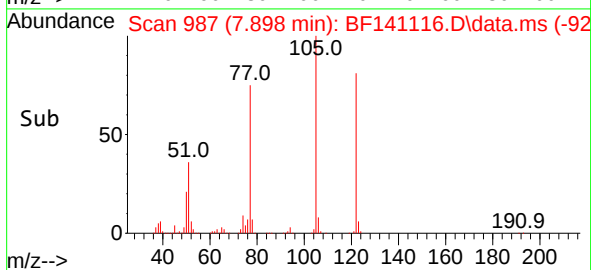
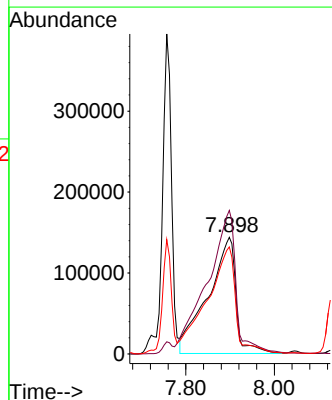
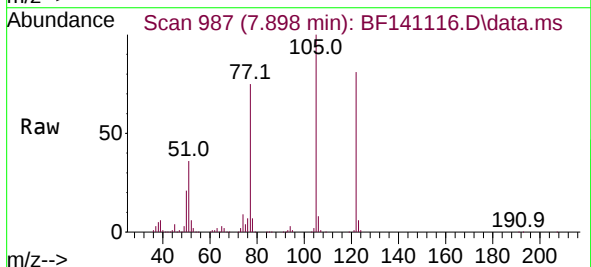
APPROVED

Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#32  
Benzoic acid  
Concen: 87.632 ng m  
RT: 7.898 min Scan# 987  
Delta R.T. 0.041 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Tgt Ion:122 Resp: 631685  
Ion Ratio Lower Upper  
122 100  
105 123.0 105.5 145.5  
77 91.8 75.1 115.1





#33

4-Chloroaniline

Concen: 74.058 ng

RT: 8.186 min Scan# 1036

Delta R.T. 0.012 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 84133

Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 30.3 23.8 35.8

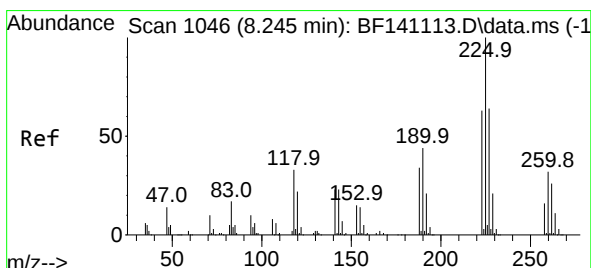
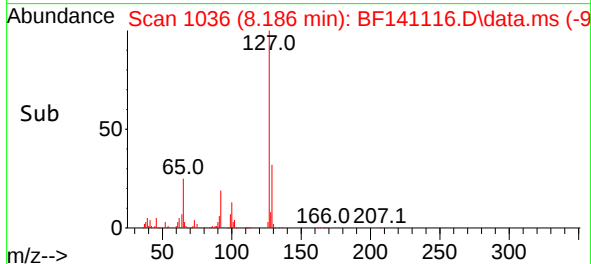
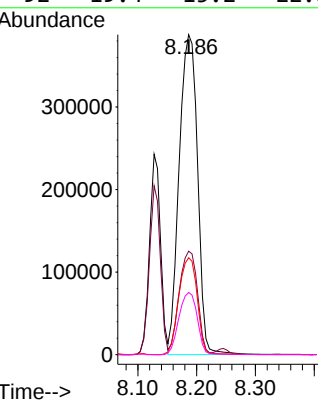
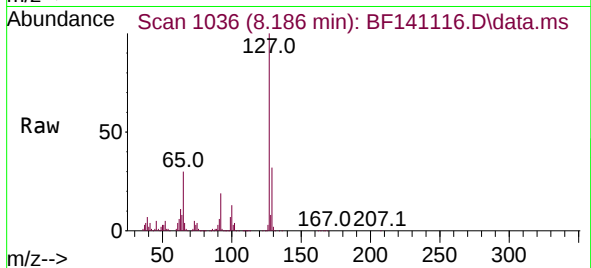
92 19.4 15.2 22.8

Manual Integrations

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Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#34

Hexachlorobutadiene

Concen: 74.278 ng

RT: 8.245 min Scan# 1046

Delta R.T. -0.000 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

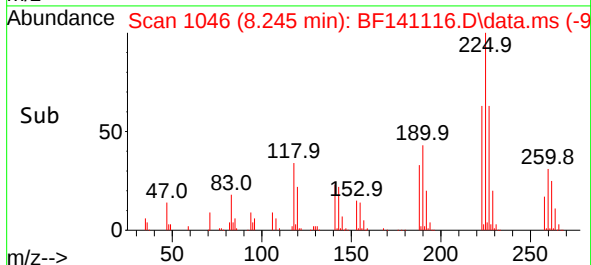
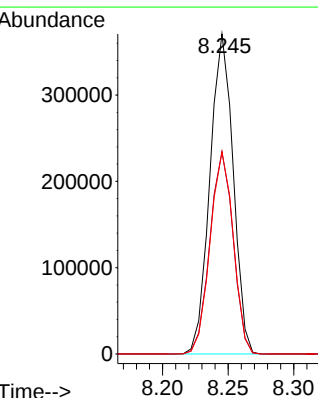
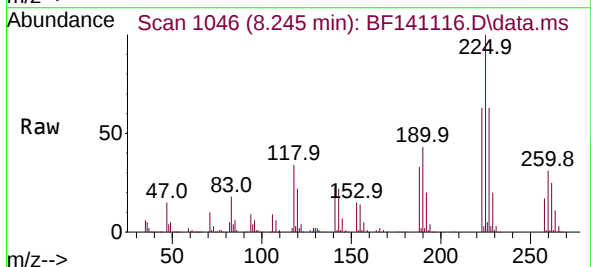
Tgt Ion:225 Resp: 456568

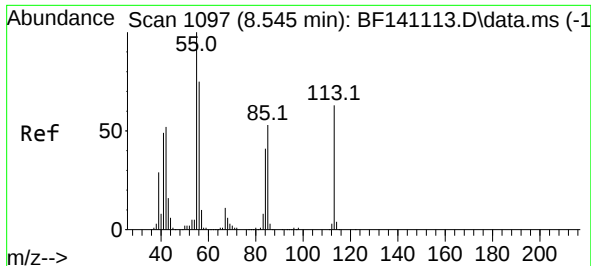
Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

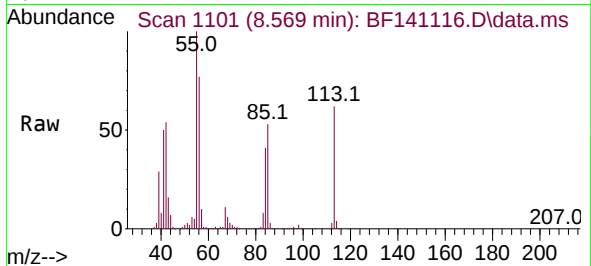
227 63.1 51.6 77.4





#35  
 Caprolactam  
 Concen: 75.721 ng  
 RT: 8.569 min Scan# 1110  
 Delta R.T. 0.023 min  
 Lab File: BF141116.D  
 Acq: 10 Jan 2025 15:56

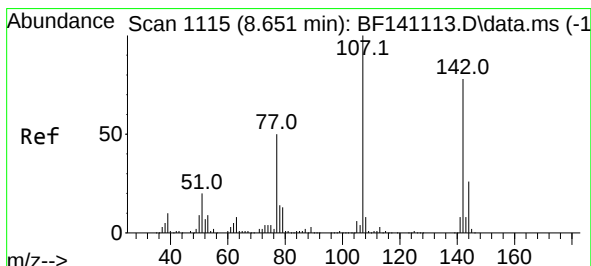
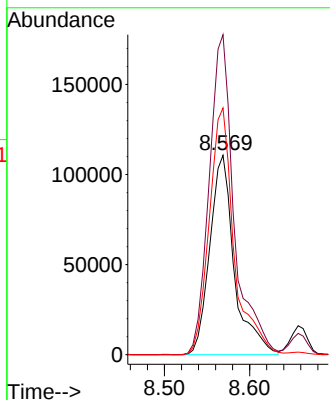
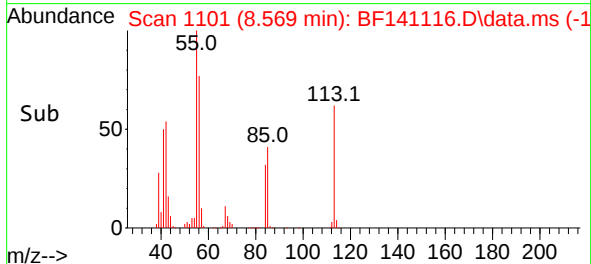
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080



Tgt Ion:113 Resp: 221670  
 Ion Ratio Lower Upper  
 113 100  
 55 160.5 139.7 179.7  
 56 123.7 99.4 139.4

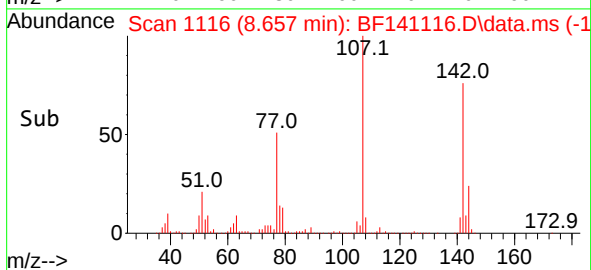
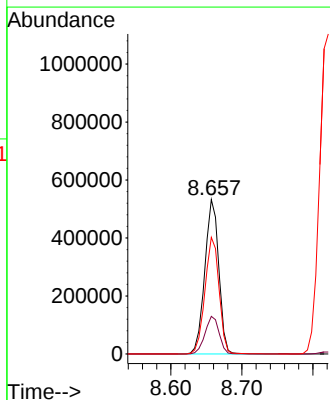
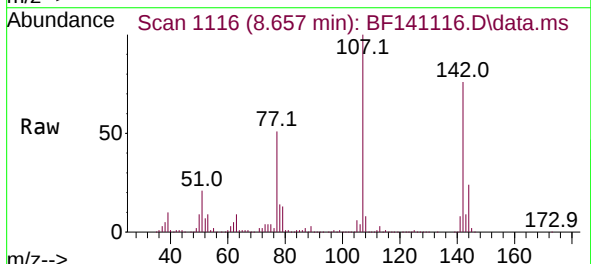
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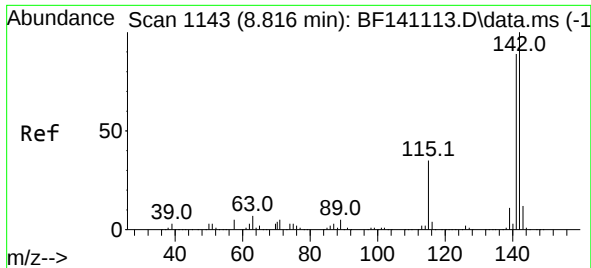
Reviewed By :Yogesh Patel 01/13/2025  
 Supervised By :Jagrut Upadhyay 01/13/2025



#36  
 4-Chloro-3-methylphenol  
 Concen: 74.998 ng  
 RT: 8.657 min Scan# 1116  
 Delta R.T. 0.006 min  
 Lab File: BF141116.D  
 Acq: 10 Jan 2025 15:56

Tgt Ion:107 Resp: 732005  
 Ion Ratio Lower Upper  
 107 100  
 144 24.3 20.4 30.6  
 142 75.5 62.2 93.2





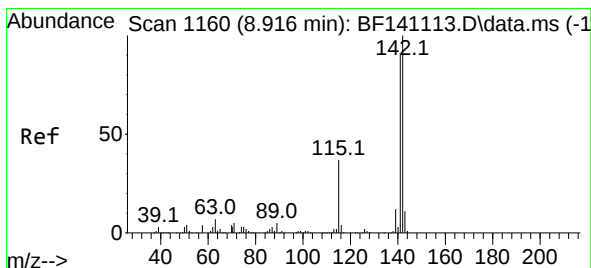
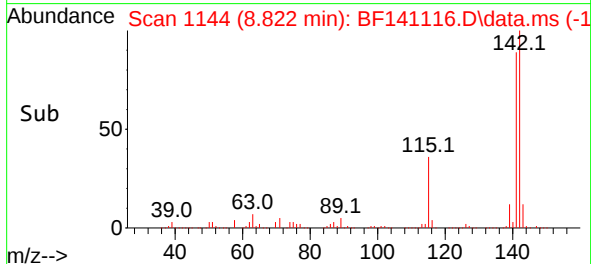
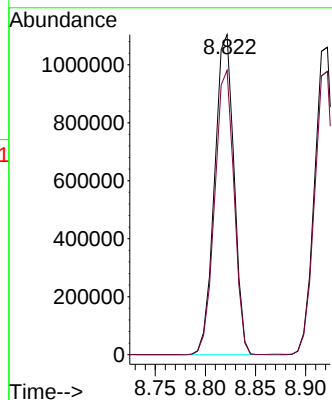
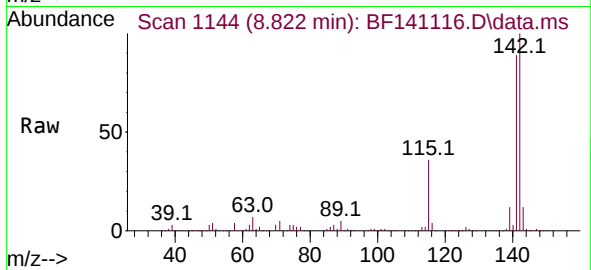
#37  
2-Methylnaphthalene  
Concen: 70.873 ng  
RT: 8.822 min Scan# 1143  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion:142 Resp: 148354  
Ion Ratio Lower Upper  
142 100  
141 88.9 71.3 106.9

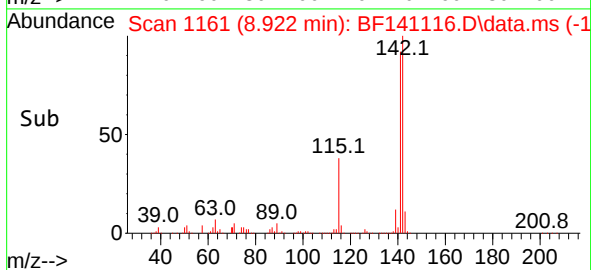
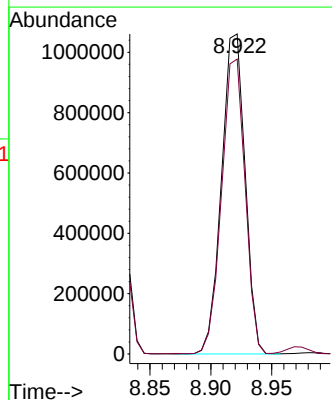
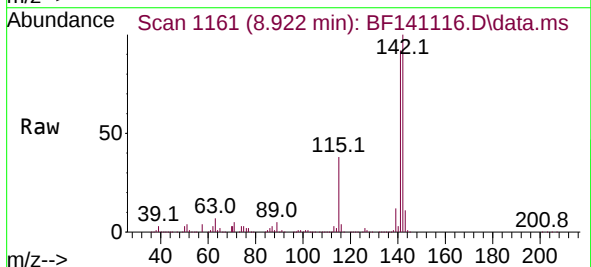
Manual Integrations  
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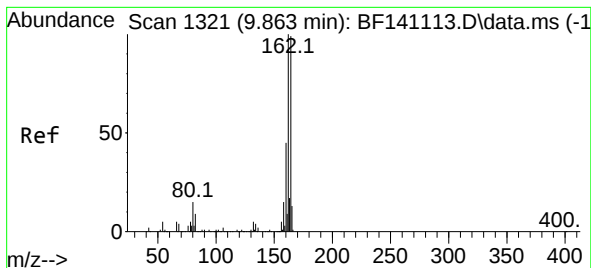
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#38  
1-Methylnaphthalene  
Concen: 69.214 ng  
RT: 8.922 min Scan# 1161  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Tgt Ion:142 Resp: 1427855  
Ion Ratio Lower Upper  
142 100  
141 92.2 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF141116.D

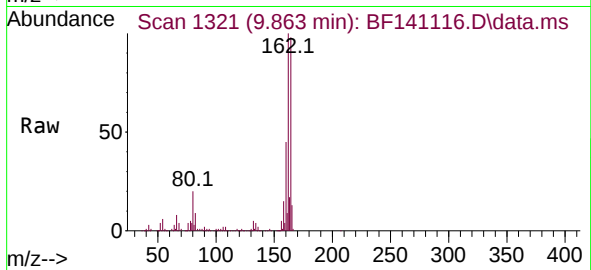
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



Tgt Ion:164 Resp: 32497

Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

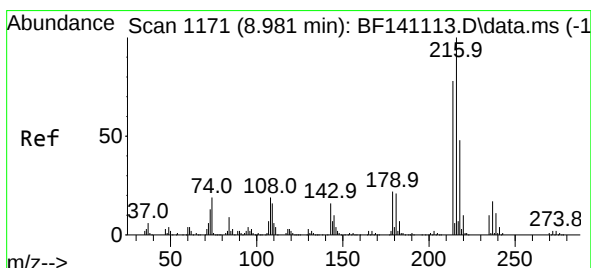
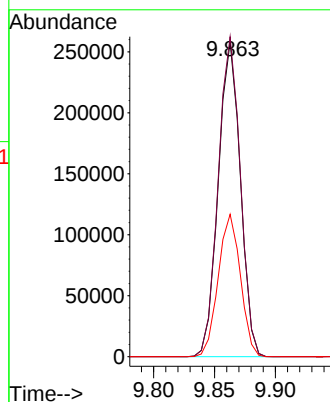
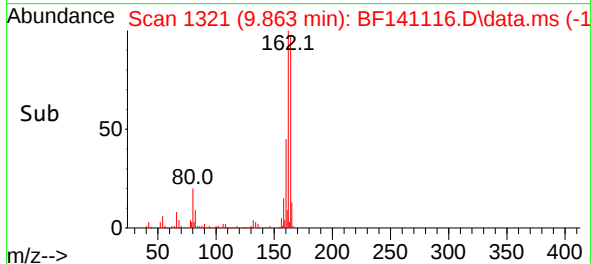
160 45.3 36.1 54.1

Manual Integrations

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Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 73.257 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

Tgt Ion:216 Resp: 683299

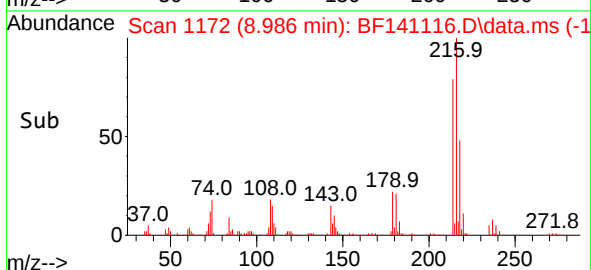
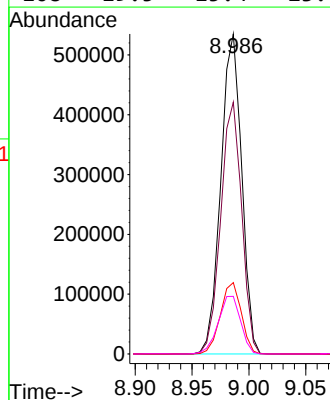
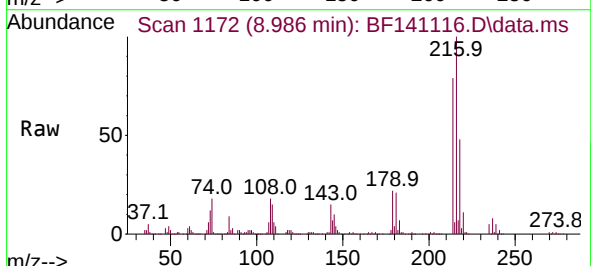
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 22.4 17.7 26.5

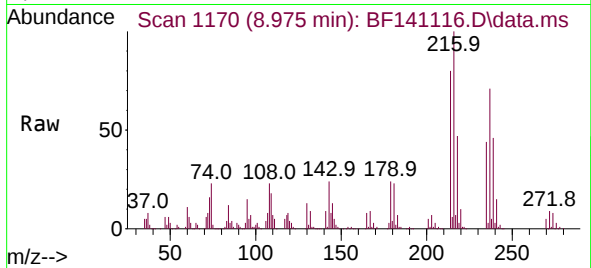
108 19.5 15.4 23.0





#41  
Hexachlorocyclopentadiene  
Concen: 80.590 ng  
RT: 8.975 min Scan# 1169  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

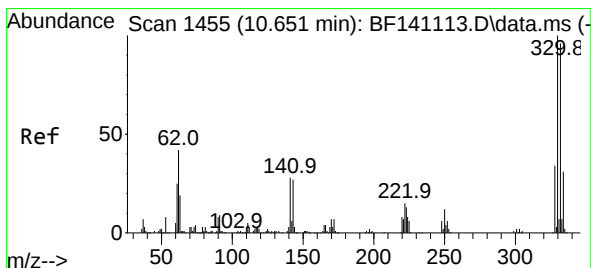
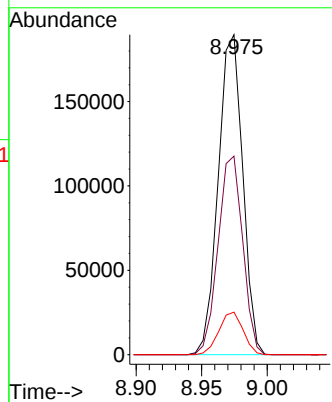
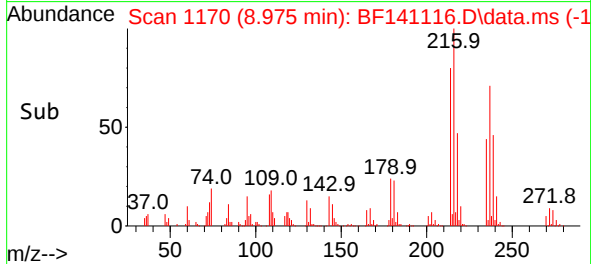
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:237 Resp: 245929  
Ion Ratio Lower Upper  
237 100  
235 62.0 43.0 83.0  
272 13.3 0.0 33.0

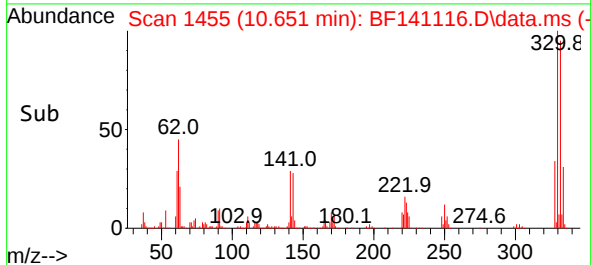
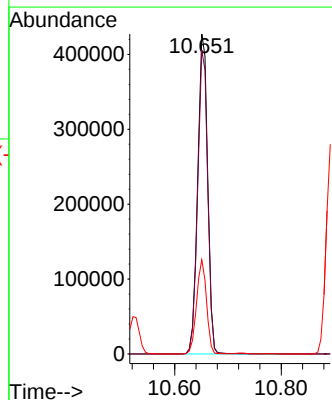
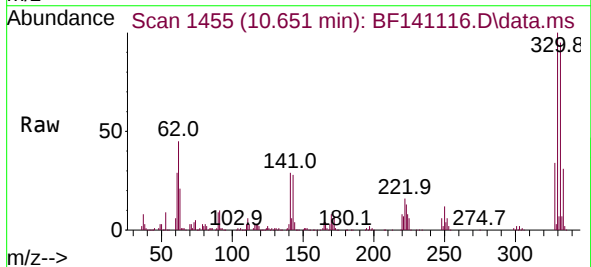
Manual Integrations  
APPROVED

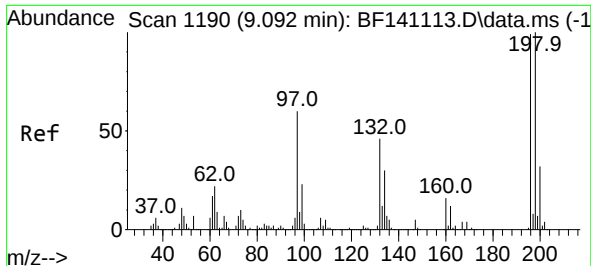
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#42  
2,4,6-Tribromophenol  
Concen: 150.511 ng  
RT: 10.651 min Scan# 1455  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Tgt Ion:330 Resp: 557323  
Ion Ratio Lower Upper  
330 100  
332 95.1 76.9 115.3  
141 29.2 25.2 37.8





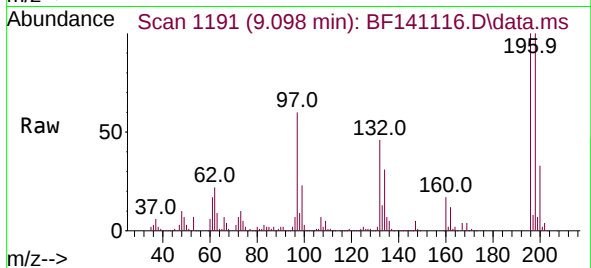
#43  
2,4,6-Trichlorophenol  
Concen: 76.629 ng  
RT: 9.098 min Scan# 1190  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



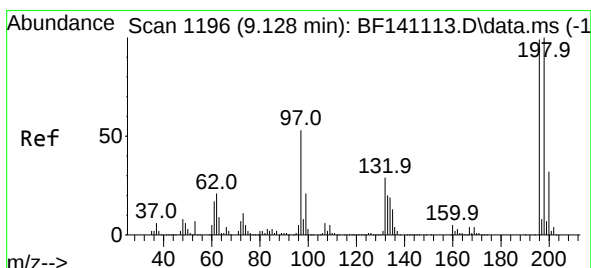
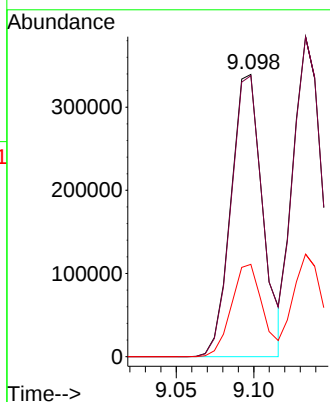
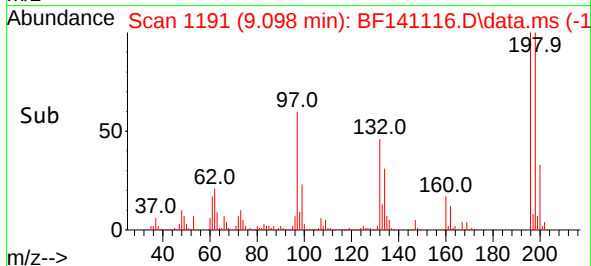
Tgt Ion:196 Resp: 482054  
Ion Ratio Lower Upper  
196 100  
198 99.5 80.8 121.2  
200 32.7 25.7 38.5

Manual Integrations

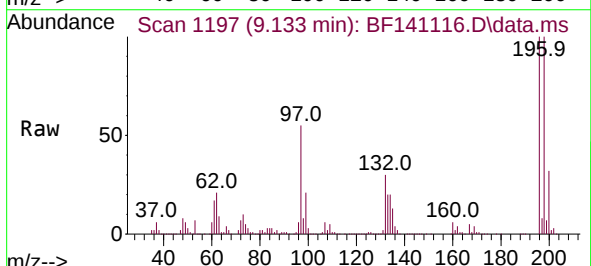
APPROVED

Reviewed By :Yogesh Patel 01/13/2025

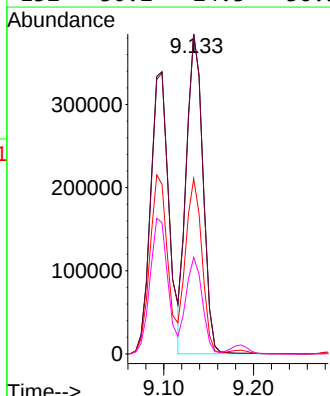
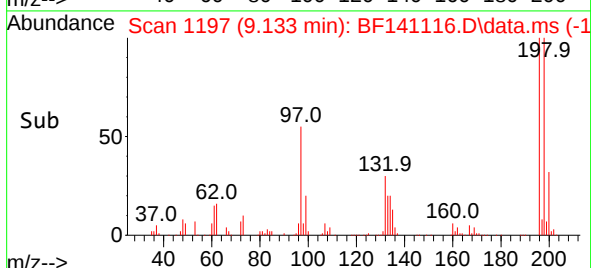
Supervised By :Jagrut Upadhyay 01/13/2025

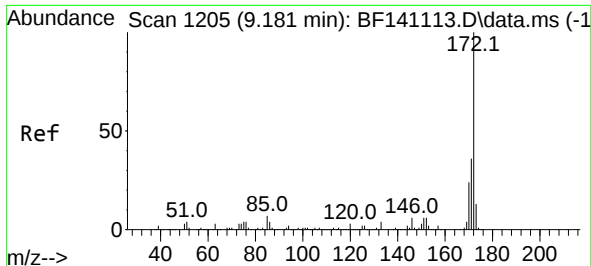


#44  
2,4,5-Trichlorophenol  
Concen: 74.149 ng  
RT: 9.133 min Scan# 1197  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



Tgt Ion:196 Resp: 492630  
Ion Ratio Lower Upper  
196 100  
198 99.9 80.6 120.8  
97 54.7 43.1 64.7  
132 30.2 24.3 36.5





#45  
2-Fluorobiphenyl  
Concen: 133.948 ng  
RT: 9.186 min Scan# 1205  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

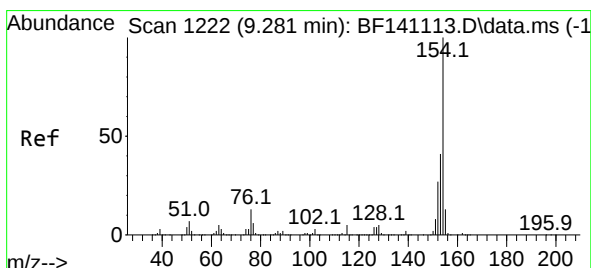
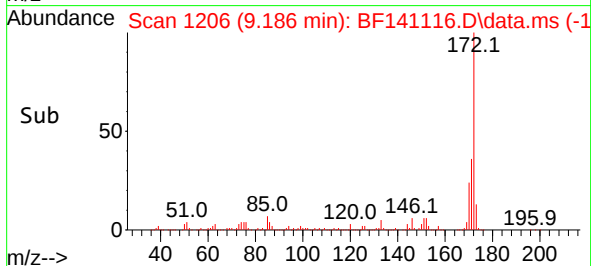
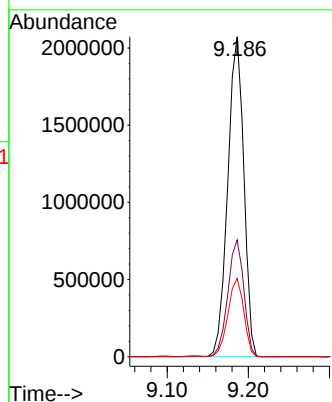
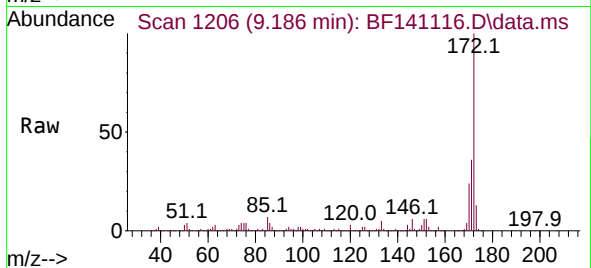
SSTDICC080

Tgt Ion:172 Resp: 285058  
Ion Ratio Lower Upper  
172 100  
171 36.5 28.7 43.1  
170 24.5 19.0 28.6

Manual Integrations

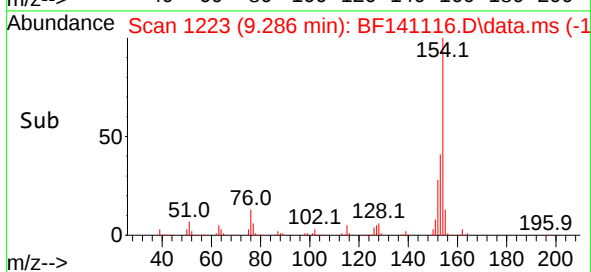
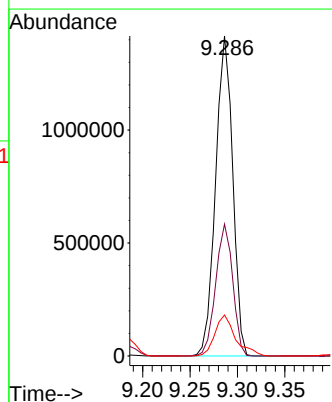
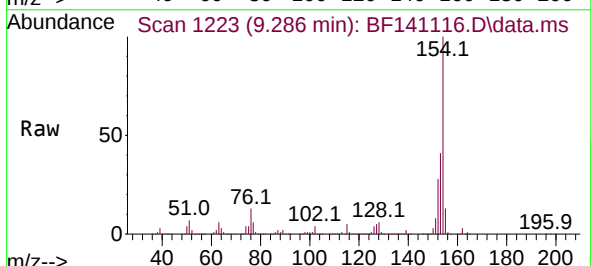
APPROVED

Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#46  
1,1'-Biphenyl  
Concen: 70.447 ng  
RT: 9.286 min Scan# 1223  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Tgt Ion:154 Resp: 1777908  
Ion Ratio Lower Upper  
154 100  
153 41.2 20.7 60.7  
76 12.8 0.0 33.1





#47

2-Chloronaphthalene

Concen: 71.131 ng

RT: 9.310 min Scan# 1226

Delta R.T. 0.006 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 139820

Ion Ratio Lower Upper

162 100

127 44.1 34.6 51.8

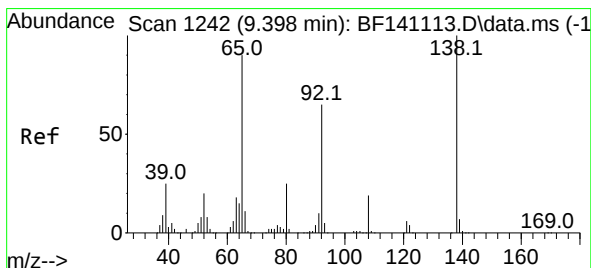
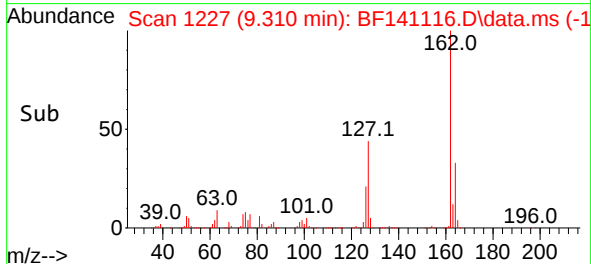
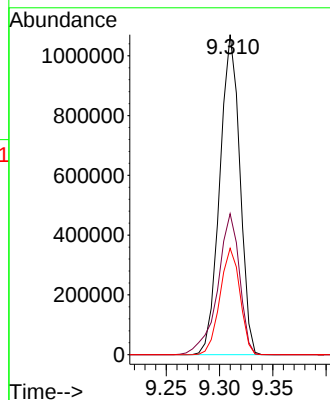
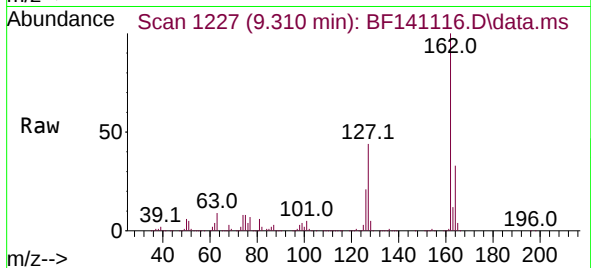
164 33.3 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#48

2-Nitroaniline

Concen: 77.314 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

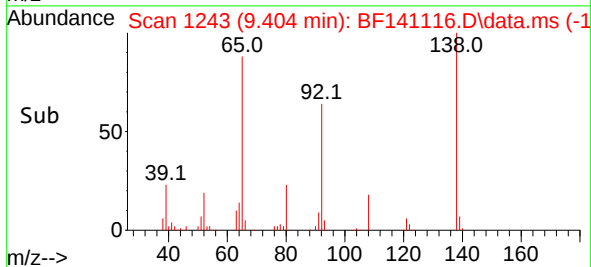
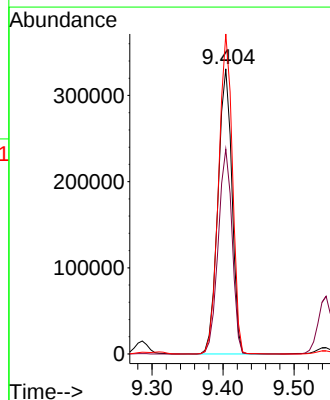
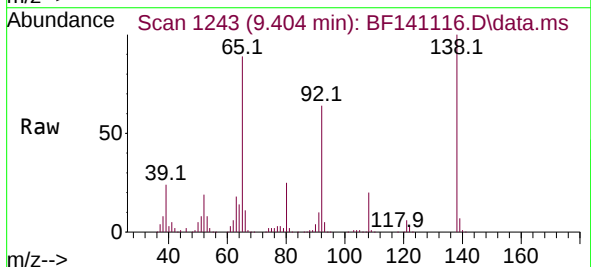
Tgt Ion: 65 Resp: 450504

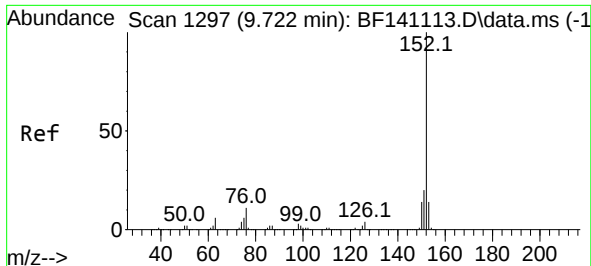
Ion Ratio Lower Upper

65 100

92 71.8 58.3 87.5

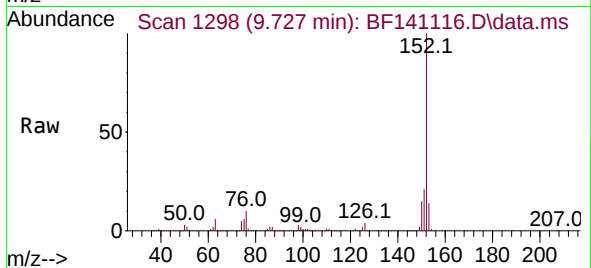
138 112.2 89.1 133.7





#49  
Acenaphthylene  
Concen: 70.645 ng  
RT: 9.727 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

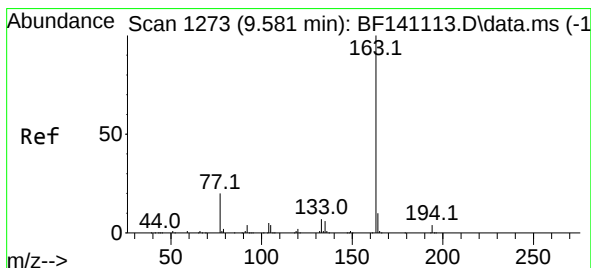
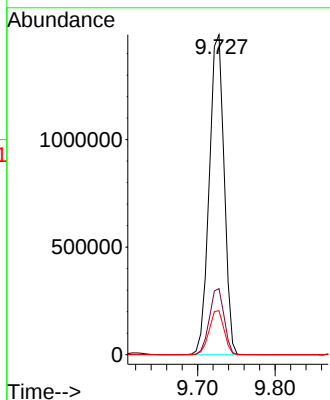
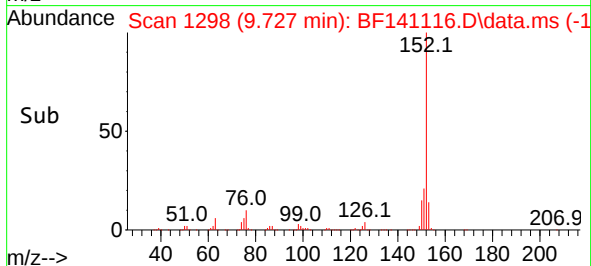
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



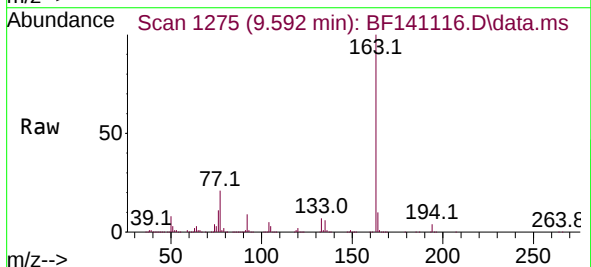
Tgt Ion:152 Resp: 1983990  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.1 24.1  
153 13.8 11.1 16.7

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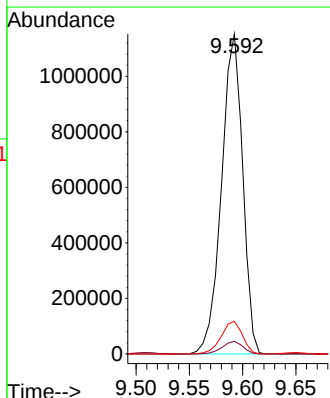
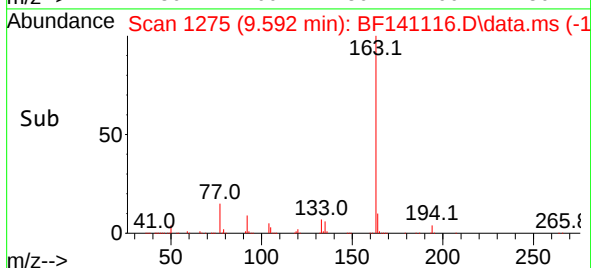
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025

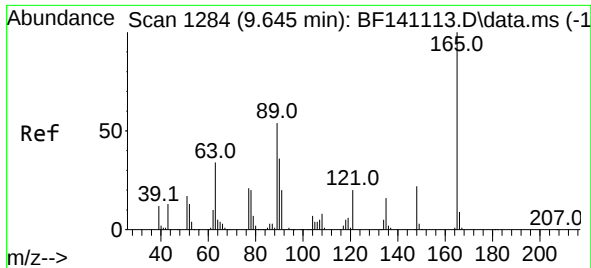


#50  
Dimethylphthalate  
Concen: 72.846 ng  
RT: 9.592 min Scan# 1275  
Delta R.T. 0.012 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



Tgt Ion:163 Resp: 1589275  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.6  
164 10.2 8.2 12.4





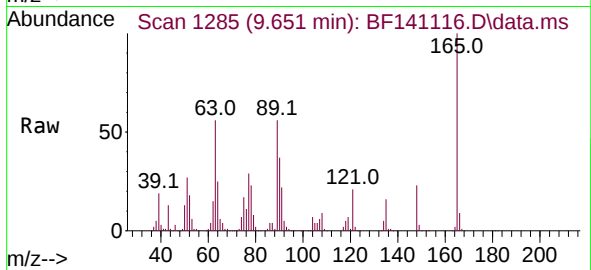
#51  
2,6-Dinitrotoluene  
Concen: 74.751 ng  
RT: 9.651 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

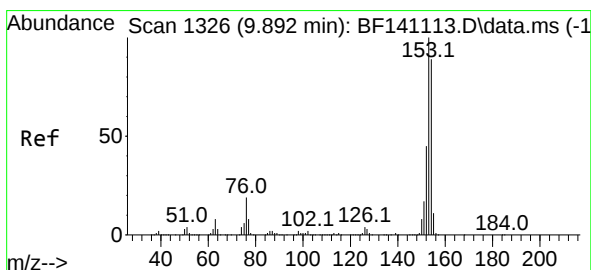
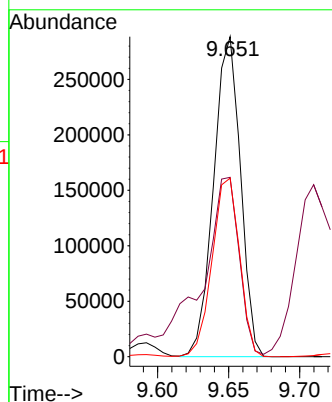
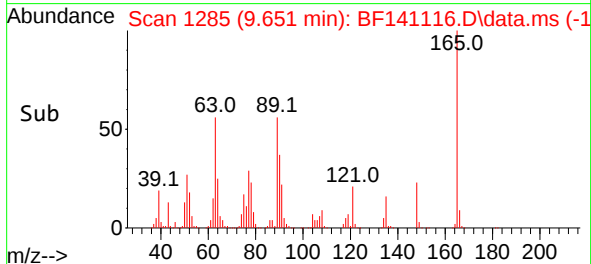


Tgt Ion:165 Resp: 379244  
Ion Ratio Lower Upper  
165 100  
63 56.1 42.3 63.5  
89 55.8 43.1 64.7

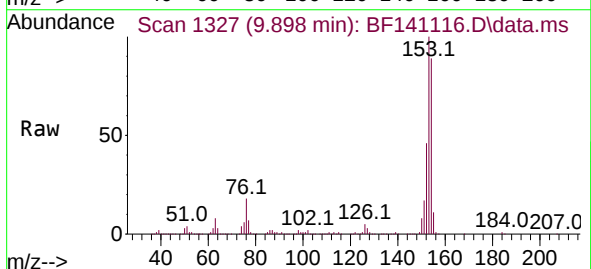
Manual Integrations

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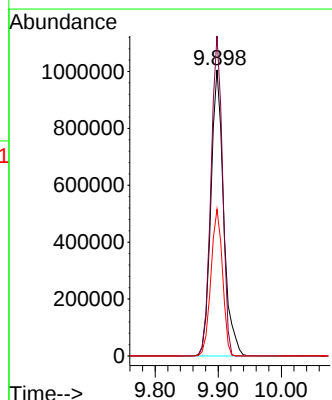
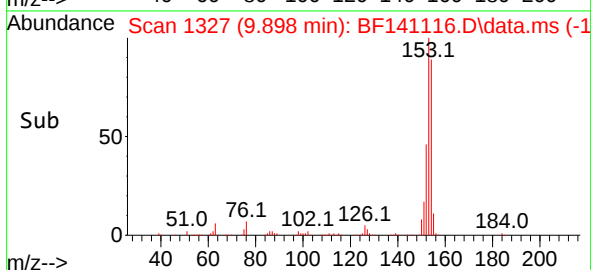
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#52  
Acenaphthene  
Concen: 72.106 ng  
RT: 9.898 min Scan# 1327  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



Tgt Ion:154 Resp: 1414785  
Ion Ratio Lower Upper  
154 100  
153 111.8 89.8 134.6  
152 51.3 40.8 61.2





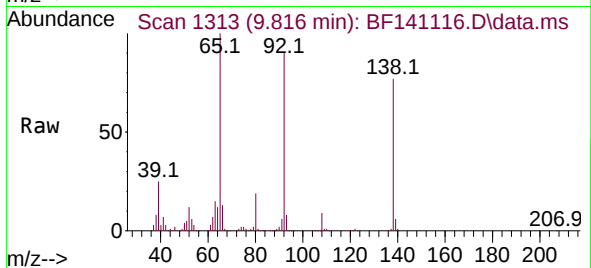
#53  
3-Nitroaniline  
Concen: 75.847 ng  
RT: 9.816 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

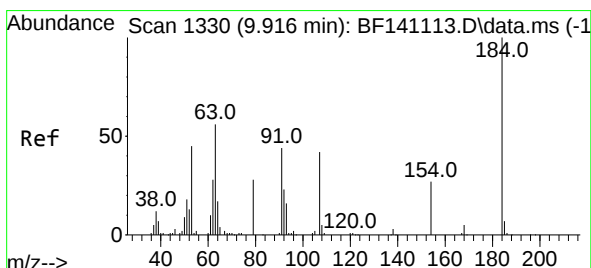
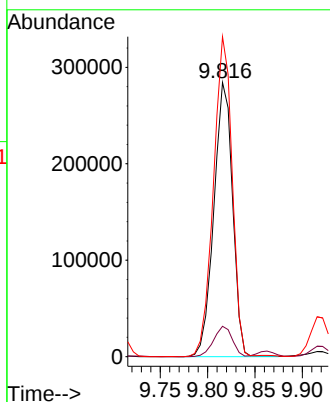
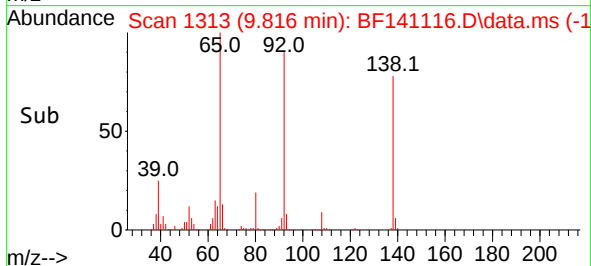


Tgt Ion:138 Resp: 391039  
Ion Ratio Lower Upper  
138 100  
108 11.1 8.8 13.2  
92 116.7 91.3 136.9

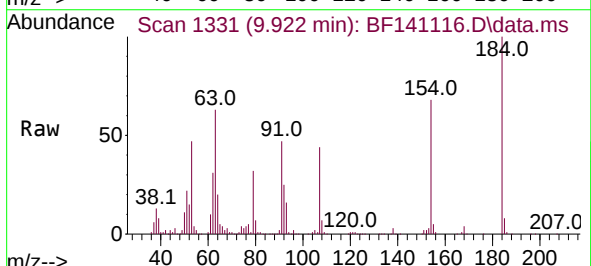
Manual Integrations

APPROVED

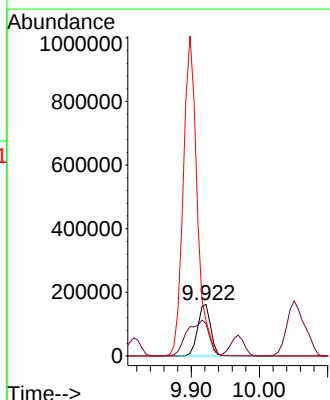
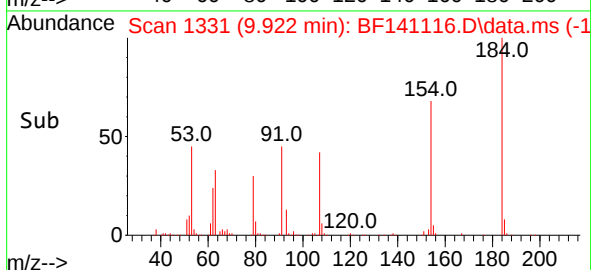
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025

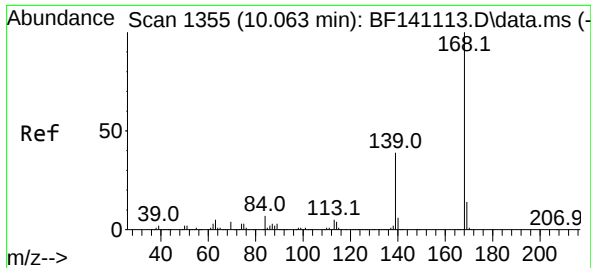


#54  
2,4-Dinitrophenol  
Concen: 89.214 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



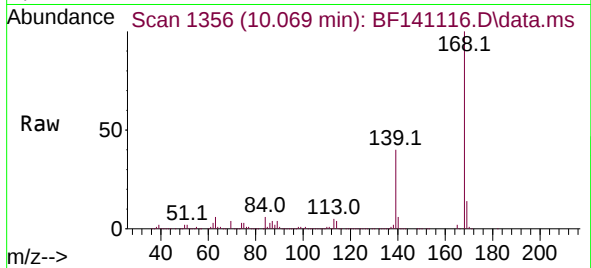
Tgt Ion:184 Resp: 215138  
Ion Ratio Lower Upper  
184 100  
63 62.7 48.7 73.1  
154 68.1 57.1 85.7





#55  
Dibenzenofuran  
Concen: 70.426 ng  
RT: 10.069 min Scan# 1355  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

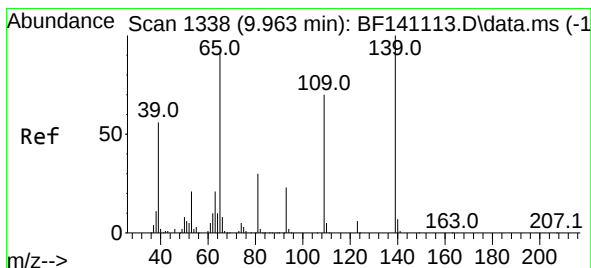
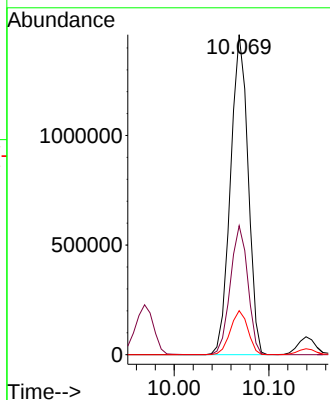
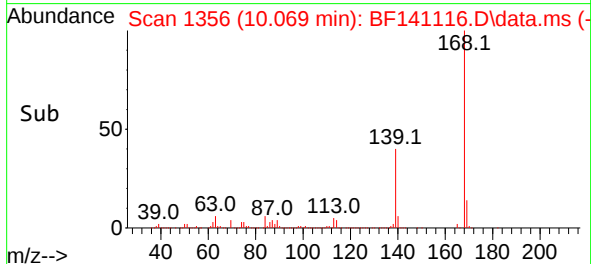
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:168 Resp: 1879530  
Ion Ratio Lower Upper  
168 100  
139 40.3 31.4 47.0  
169 13.8 10.9 16.3

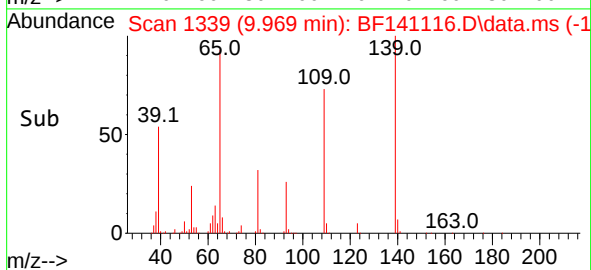
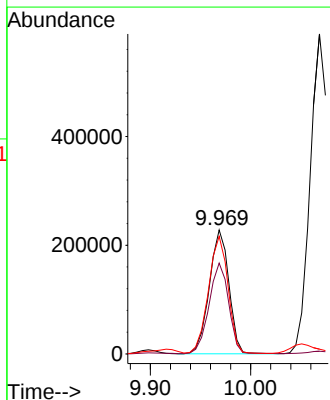
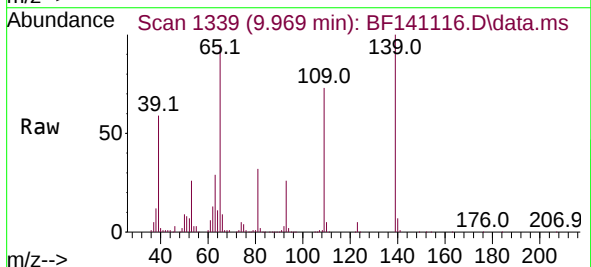
Manual Integrations  
APPROVED

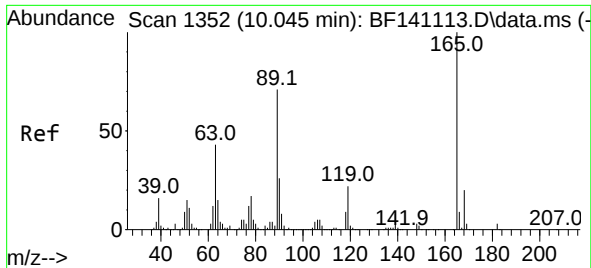
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#56  
4-Nitrophenol  
Concen: 76.509 ng  
RT: 9.969 min Scan# 1339  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

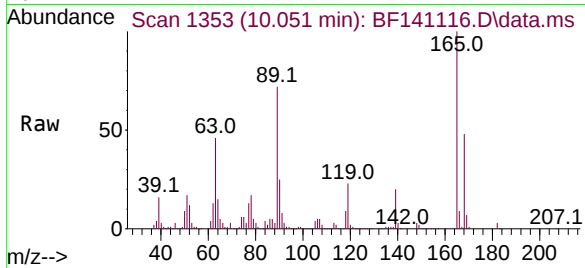
Tgt Ion:139 Resp: 308922  
Ion Ratio Lower Upper  
139 100  
109 73.3 50.2 90.2  
65 94.8 72.1 112.1





#57  
2,4-Dinitrotoluene  
Concen: 76.145 ng  
RT: 10.051 min Scan# 1353  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

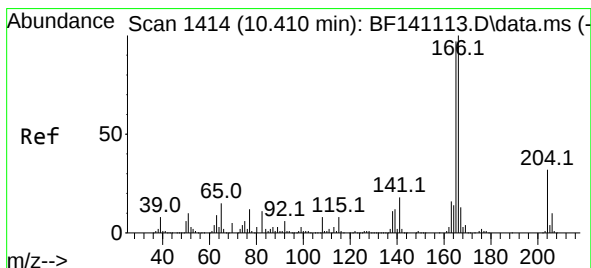
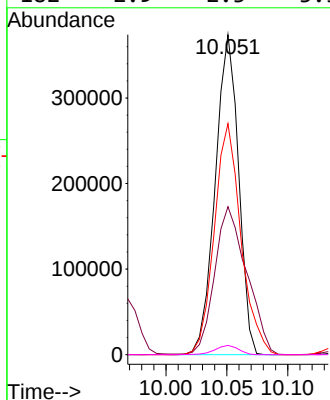
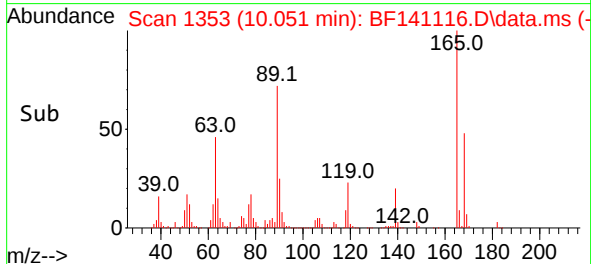
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:165 Resp: 497850  
Ion Ratio Lower Upper  
165 100  
63 46.3 35.0 52.4  
89 72.2 56.7 85.1  
182 2.9 2.3 3.5

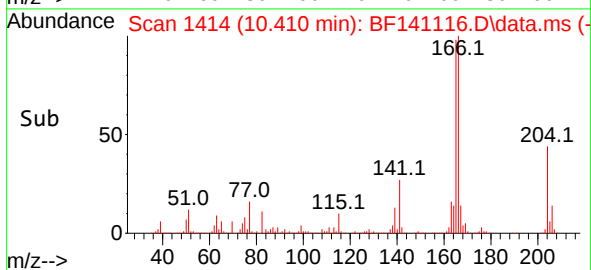
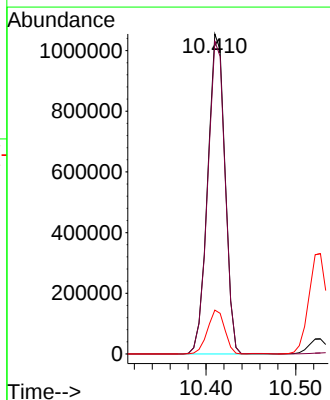
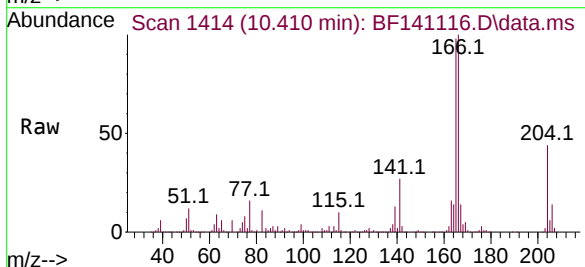
Manual Integrations  
APPROVED

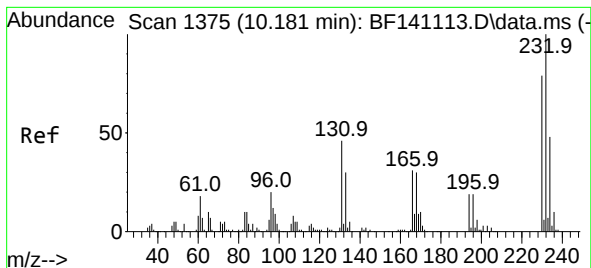
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#58  
Fluorene  
Concen: 68.143 ng  
RT: 10.410 min Scan# 1414  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

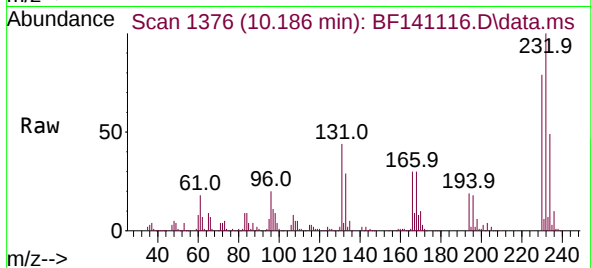
Tgt Ion:166 Resp: 1412871  
Ion Ratio Lower Upper  
166 100  
165 97.7 77.8 116.8  
167 13.7 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 73.167 ng  
RT: 10.186 min Scan# 1375  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

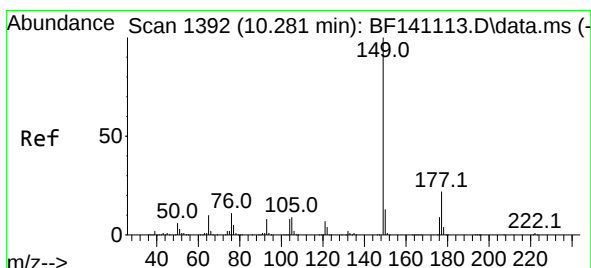
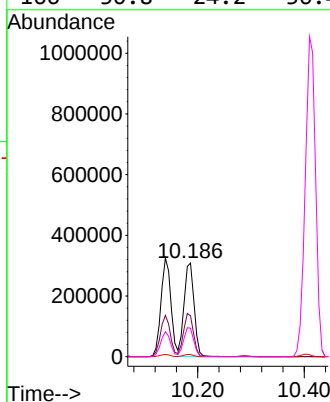
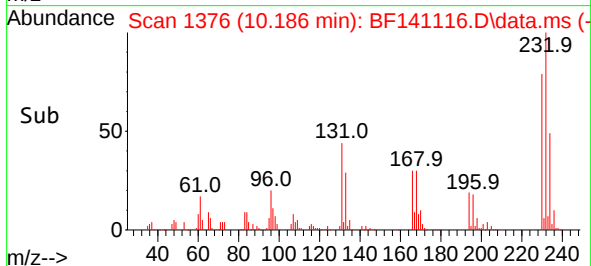
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



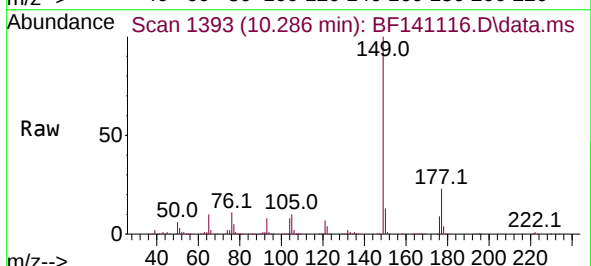
Tgt Ion:232 Resp: 404062  
Ion Ratio Lower Upper  
232 100  
131 45.3 36.2 54.4  
130 2.4 2.0 3.0  
166 30.8 24.2 36.4

Manual Integrations  
APPROVED

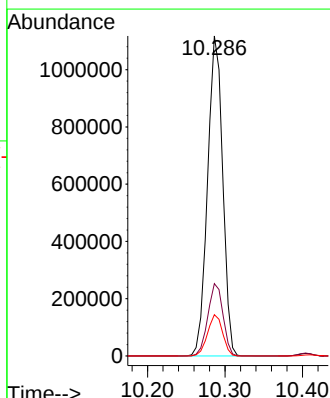
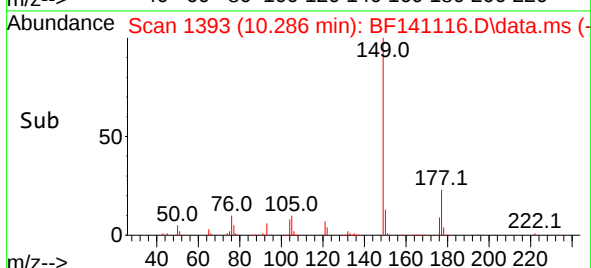
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025

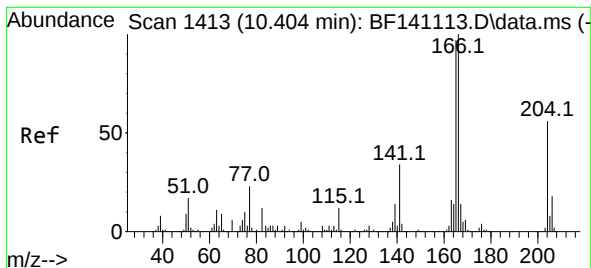


#60  
Diethylphthalate  
Concen: 71.125 ng  
RT: 10.286 min Scan# 1393  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



Tgt Ion:149 Resp: 1514869  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.9 26.9  
150 12.9 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 69.961 ng  
RT: 10.404 min Scan# 1413  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

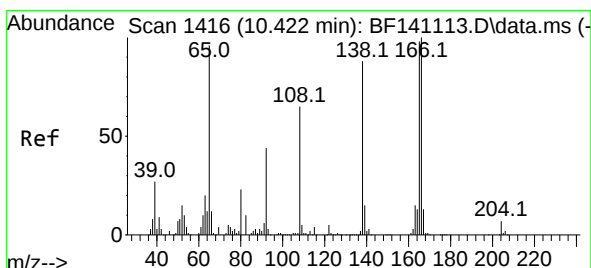
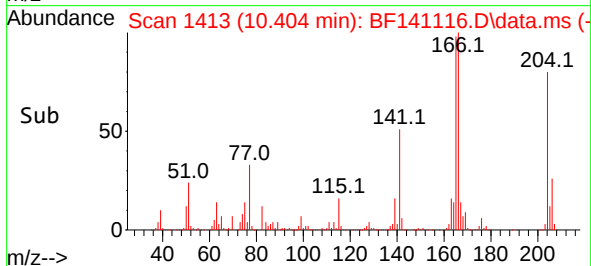
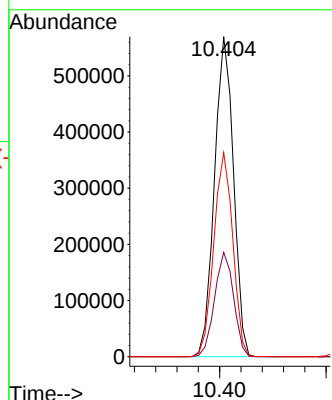
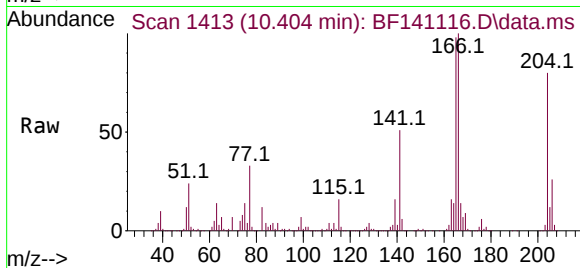
SSTDICC080

Tgt Ion:204 Resp: 70699  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.9 38.9  
141 63.8 49.1 73.7

Manual Integrations

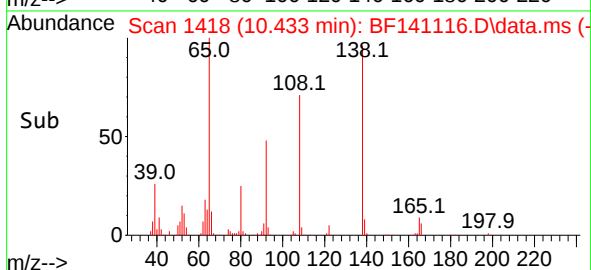
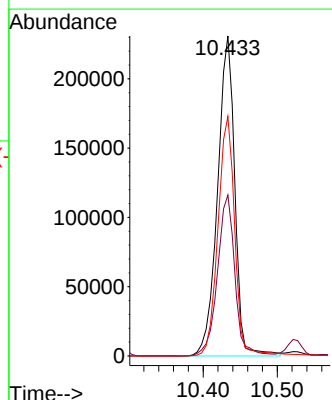
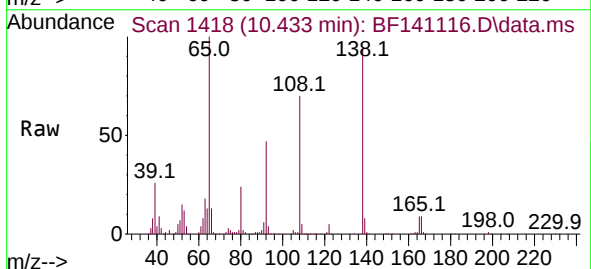
APPROVED

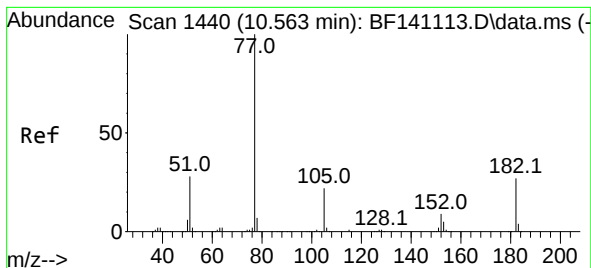
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#62  
4-Nitroaniline  
Concen: 73.946 ng  
RT: 10.433 min Scan# 1418  
Delta R.T. 0.012 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Tgt Ion:138 Resp: 373141  
Ion Ratio Lower Upper  
138 100  
92 50.3 29.4 69.4  
108 74.8 53.7 93.7





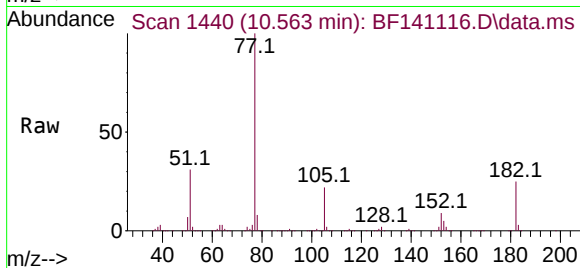
#63  
Azobenzene  
Concen: 70.670 ng  
RT: 10.563 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



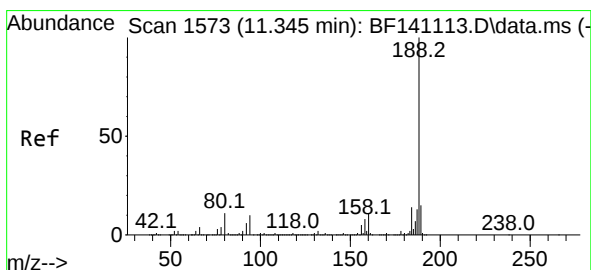
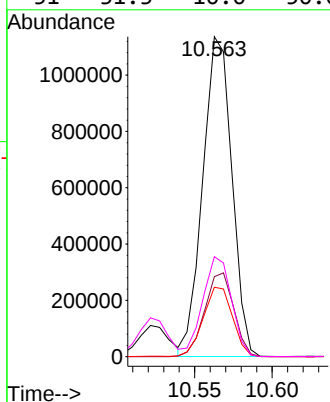
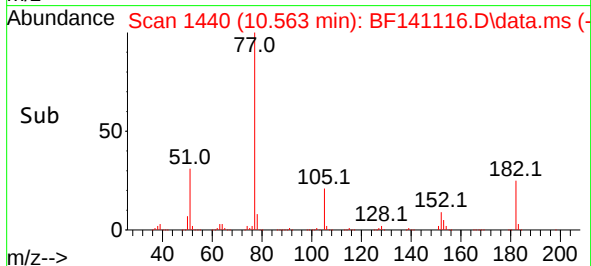
Tgt Ion: 77 Resp: 148520  
Ion Ratio Lower Upper  
77 100  
182 25.0 6.1 46.1  
105 21.7 2.1 42.1  
51 31.3 10.0 50.0

Manual Integrations

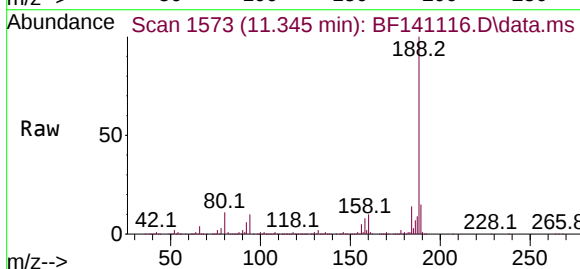
APPROVED

Reviewed By :Yogesh Patel 01/13/2025

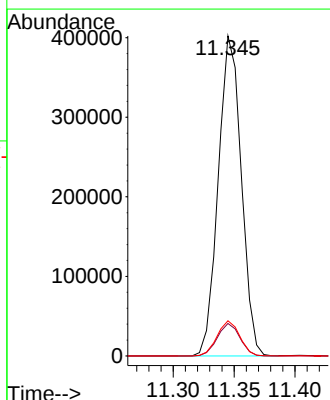
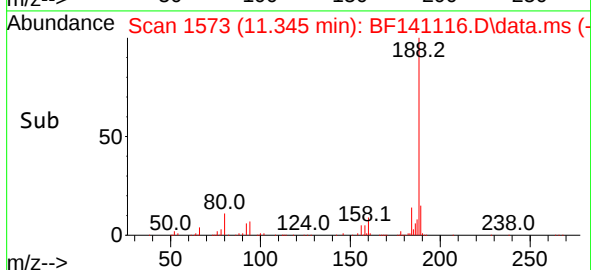
Supervised By :Jagrut Upadhyay 01/13/2025

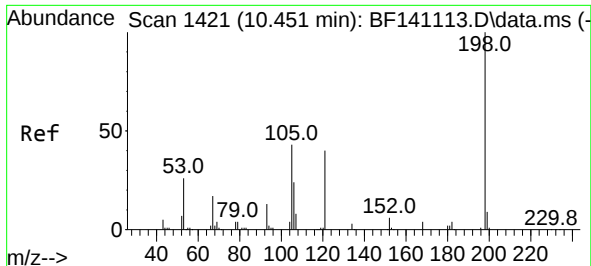


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.345 min Scan# 1573  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



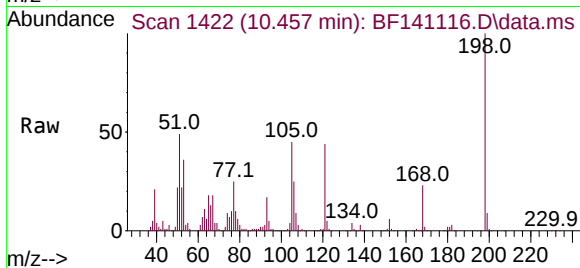
Tgt Ion:188 Resp: 530147  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.3 12.5  
80 11.0 9.0 13.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 89.395 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

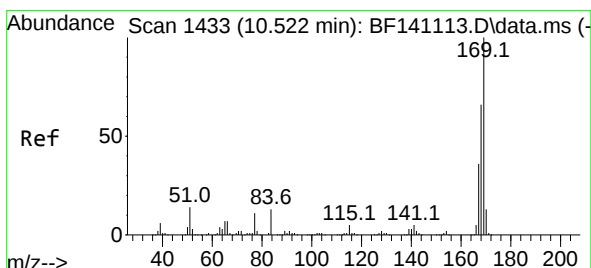
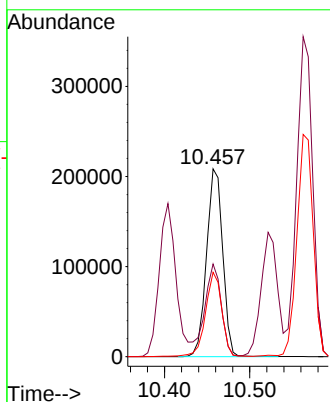
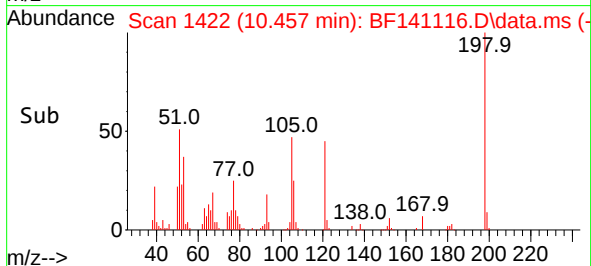
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:198 Resp: 274625  
Ion Ratio Lower Upper  
198 100  
51 49.3 27.1 67.1  
105 44.9 24.2 64.2

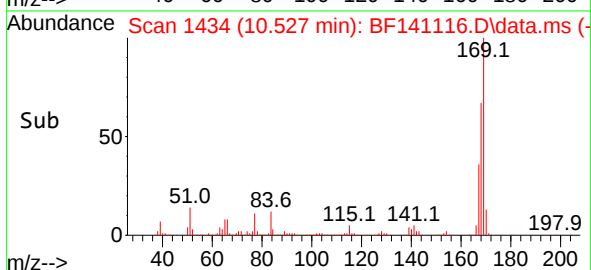
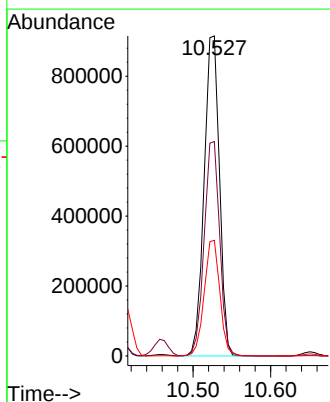
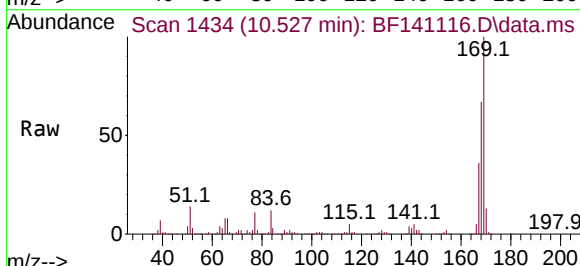
Manual Integrations  
APPROVED

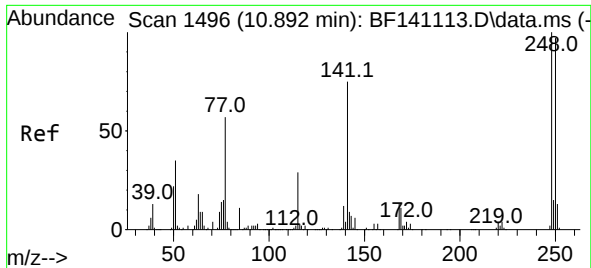
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#66  
n-Nitrosodiphenylamine  
Concen: 73.463 ng  
RT: 10.527 min Scan# 1434  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Tgt Ion:169 Resp: 1256185  
Ion Ratio Lower Upper  
169 100  
168 67.0 52.5 78.7  
167 36.1 28.9 43.3





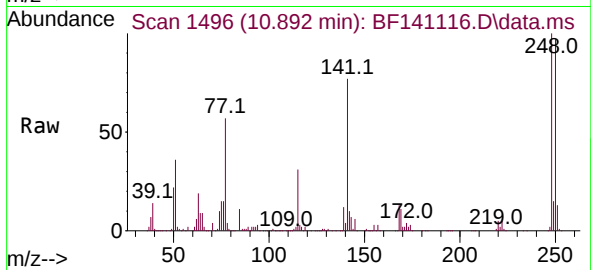
#67  
4-Bromophenyl-phenylether  
Concen: 76.688 ng  
RT: 10.892 min Scan# 1496  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

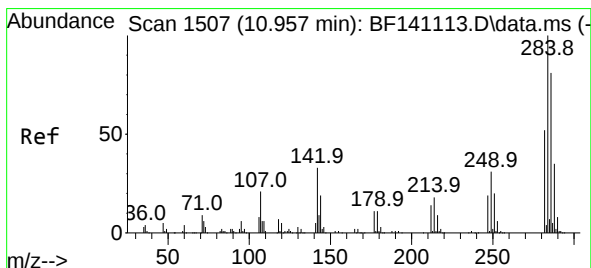
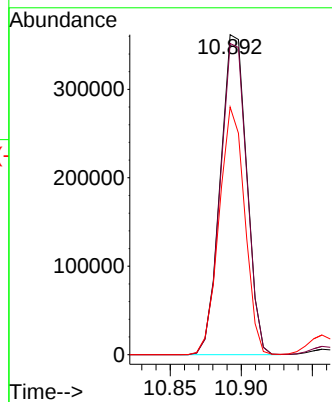
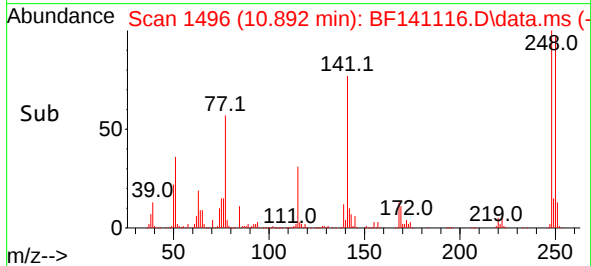


Tgt Ion:248 Resp: 468070  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.9 116.9  
141 77.4 59.9 89.9

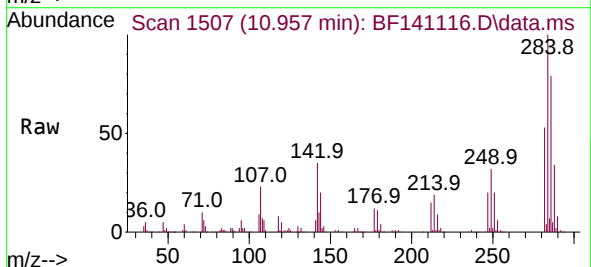
Manual Integrations

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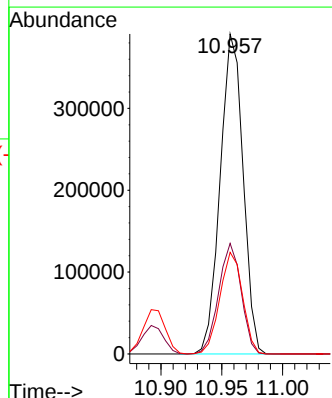
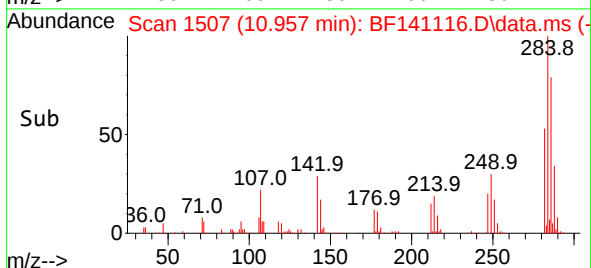
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025

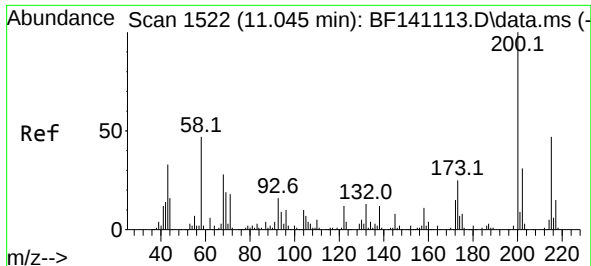


#68  
Hexachlorobenzene  
Concen: 75.230 ng  
RT: 10.957 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



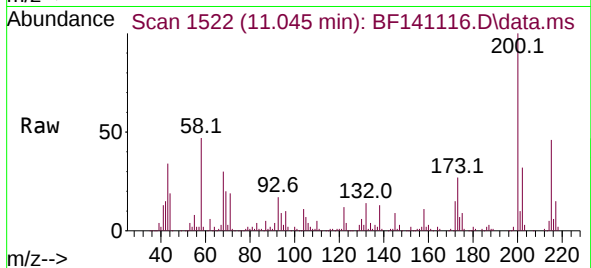
Tgt Ion:284 Resp: 511144  
Ion Ratio Lower Upper  
284 100  
142 34.6 26.3 39.5  
249 31.8 24.9 37.3





#69  
 Atrazine  
 Concen: 34.150 ng  
 RT: 11.045 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF141116.D  
 Acq: 10 Jan 2025 15:56

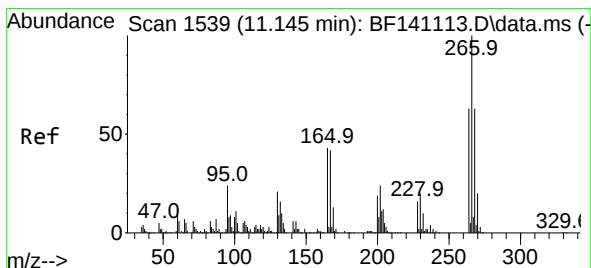
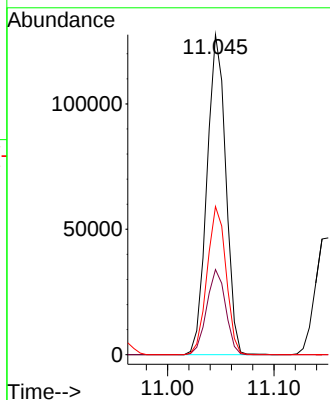
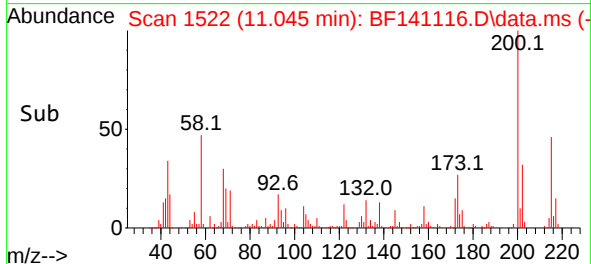
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080



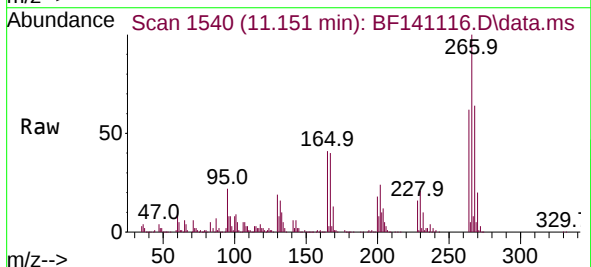
Tgt Ion:200 Resp: 157235  
 Ion Ratio Lower Upper  
 200 100  
 173 26.6 5.4 45.4  
 215 46.3 26.6 66.6

Manual Integrations  
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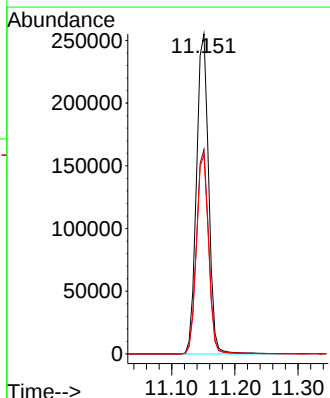
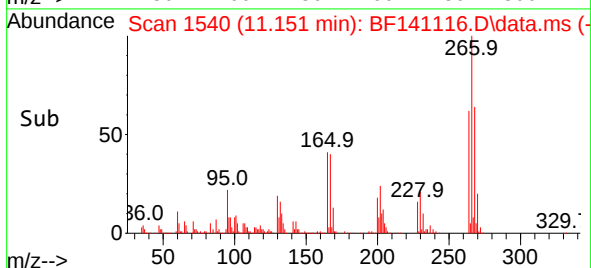
Reviewed By :Yogesh Patel 01/13/2025  
 Supervised By :Jagrut Upadhyay 01/13/2025

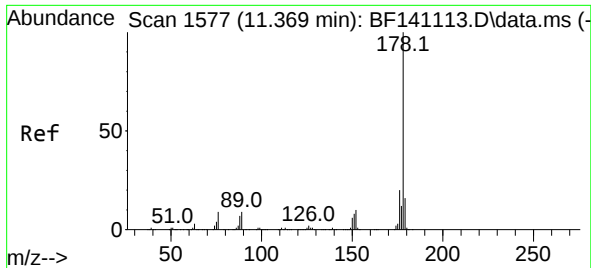


#70  
 Pentachlorophenol  
 Concen: 78.173 ng  
 RT: 11.151 min Scan# 1540  
 Delta R.T. 0.006 min  
 Lab File: BF141116.D  
 Acq: 10 Jan 2025 15:56



Tgt Ion:266 Resp: 340145  
 Ion Ratio Lower Upper  
 266 100  
 268 63.9 50.4 75.6  
 264 62.3 50.2 75.2





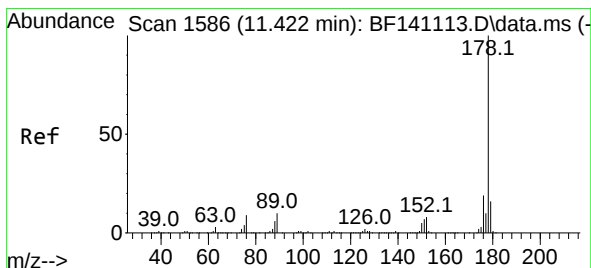
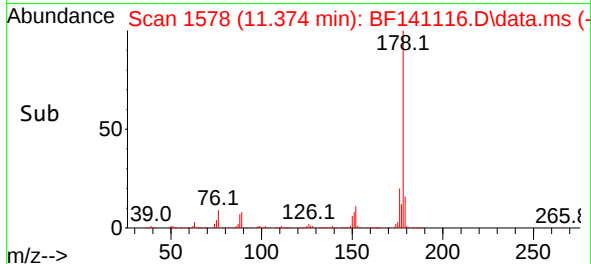
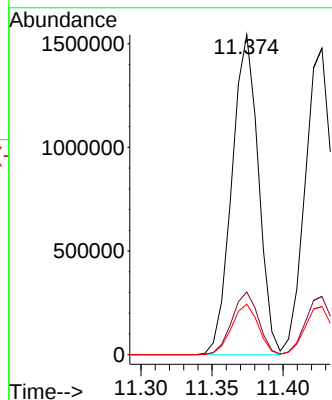
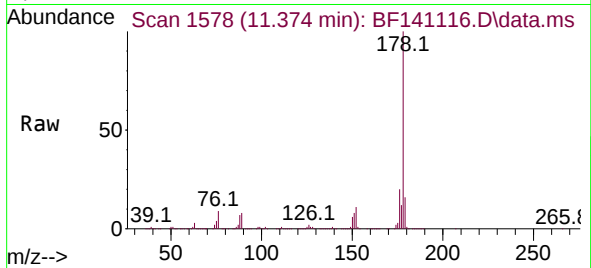
#71  
Phenanthrene  
Concen: 70.399 ng  
RT: 11.374 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion:178 Resp: 2003690  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.7 23.5  
179 15.8 12.6 19.0

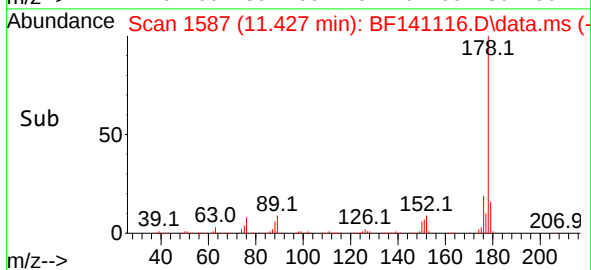
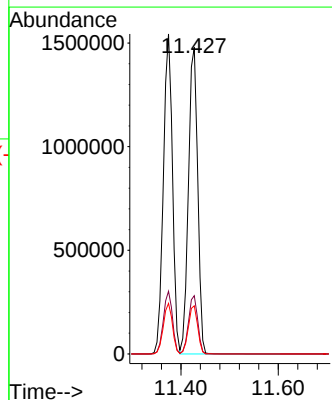
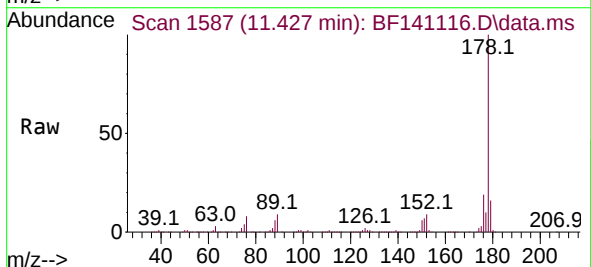
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#72  
Anthracene  
Concen: 70.347 ng  
RT: 11.427 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

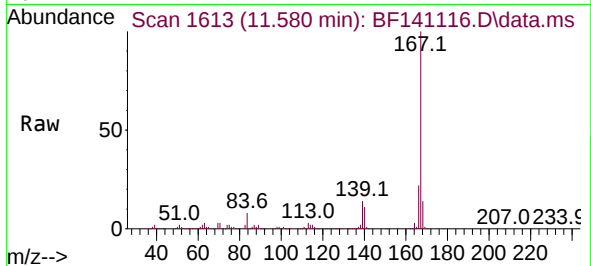
Tgt Ion:178 Resp: 1946835  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.9 22.3  
179 15.7 12.6 19.0





#73  
 Carbazole  
 Concen: 67.666 ng  
 RT: 11.580 min Scan# 1612  
 Delta R.T. 0.006 min  
 Lab File: BF141116.D  
 Acq: 10 Jan 2025 15:56

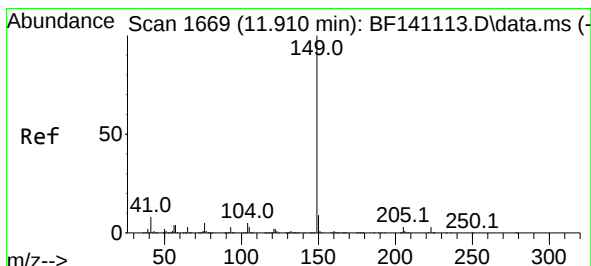
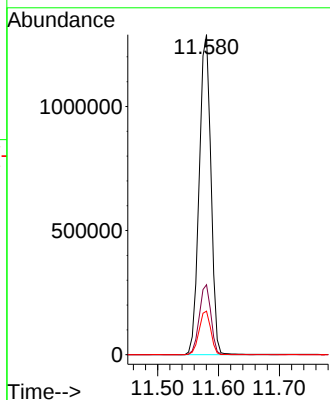
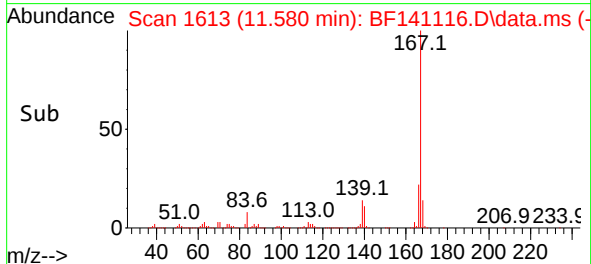
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080



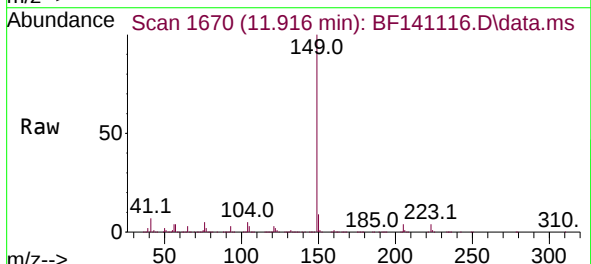
Tgt Ion:167 Resp: 171709  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.4 26.2  
 139 13.6 10.9 16.3

Manual Integrations  
 APPROVED

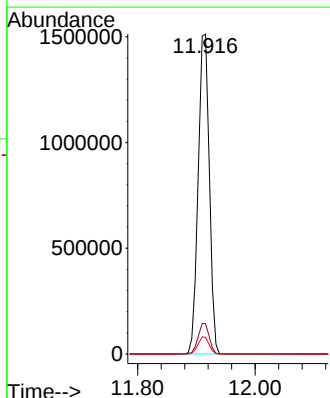
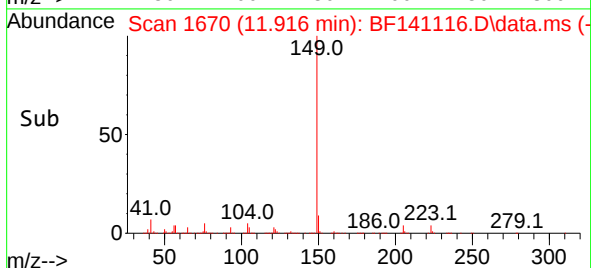
Reviewed By :Yogesh Patel 01/13/2025  
 Supervised By :Jagrut Upadhyay 01/13/2025

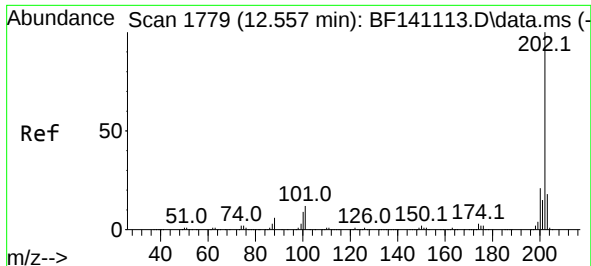


#74  
 Di-n-butylphthalate  
 Concen: 68.655 ng  
 RT: 11.916 min Scan# 1670  
 Delta R.T. 0.006 min  
 Lab File: BF141116.D  
 Acq: 10 Jan 2025 15:56



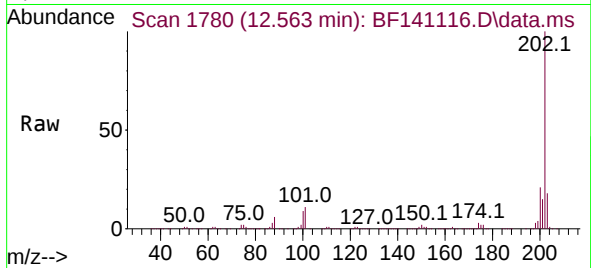
Tgt Ion:149 Resp: 1993804  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.4 11.2  
 104 5.2 4.2 6.2





#75  
Fluoranthene  
Concen: 64.432 ng  
RT: 12.563 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

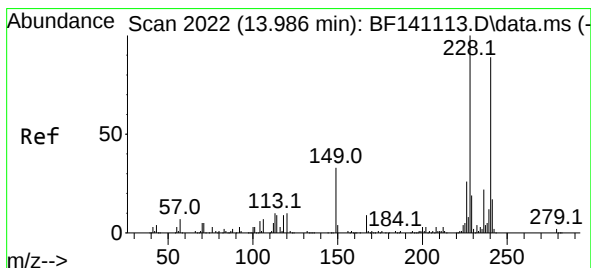
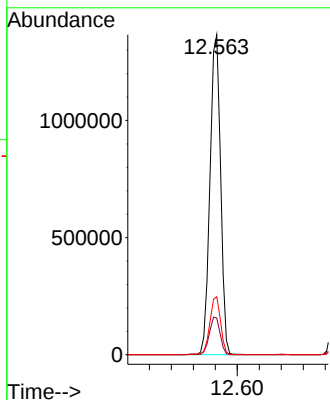
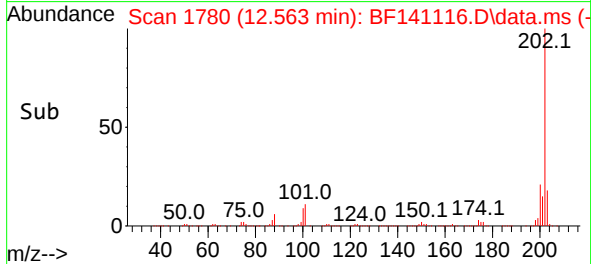
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



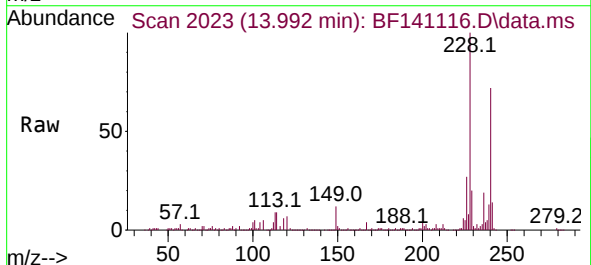
Tgt Ion:202 Resp: 183001  
Ion Ratio Lower Upper  
202 100  
101 11.4 0.0 32.3  
203 18.1 0.0 37.7

Manual Integrations  
APPROVED

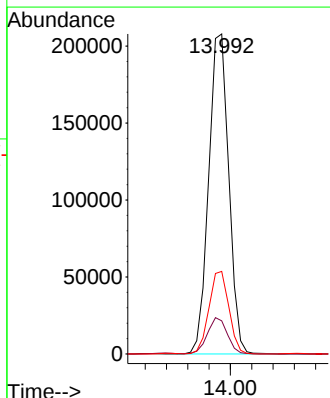
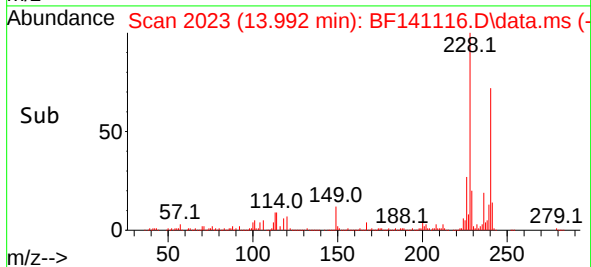
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.992 min Scan# 2023  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



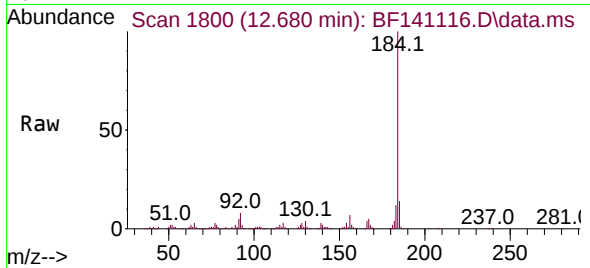
Tgt Ion:240 Resp: 271894  
Ion Ratio Lower Upper  
240 100  
120 10.3 9.1 13.7  
236 25.8 19.8 29.6





#77  
Benzidine  
Concen: 68.277 ng  
RT: 12.680 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

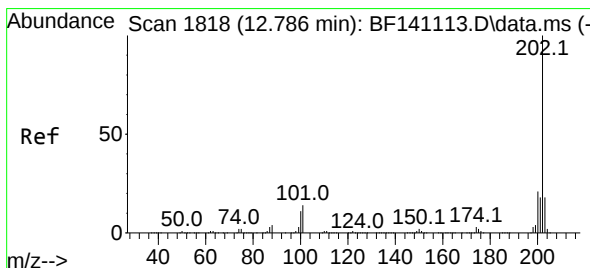
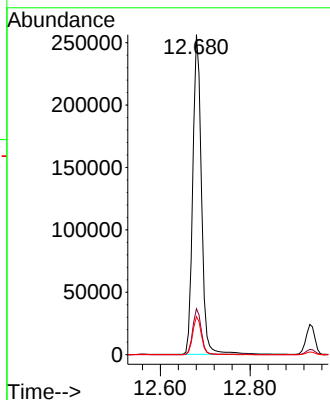
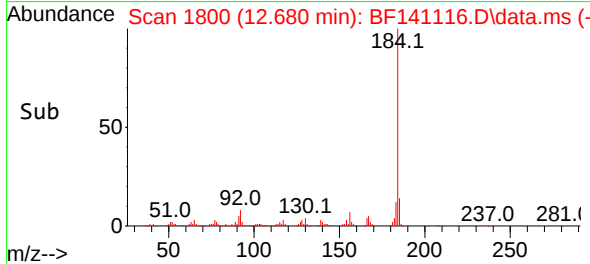
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



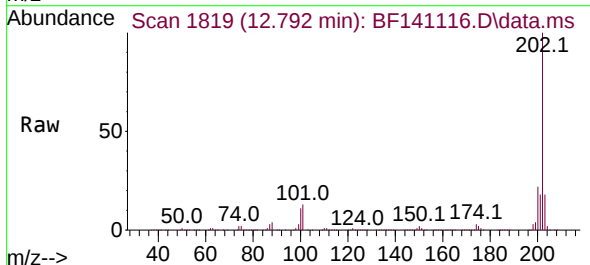
Tgt Ion:184 Resp: 344262  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.4 17.0  
183 11.9 9.2 13.8

Manual Integrations  
APPROVED

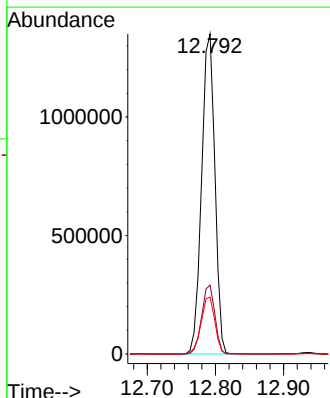
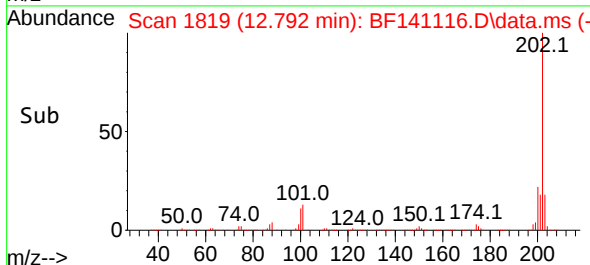
Reviewed By :Yogesh Patel 01/13/2025  
Supervised By :Jagrut Upadhyay 01/13/2025

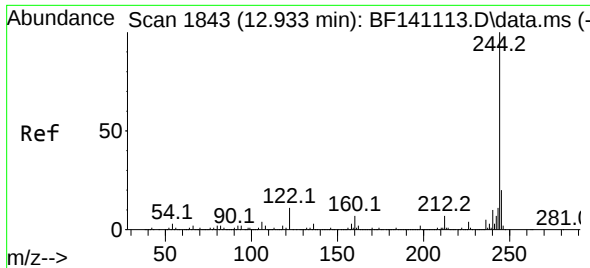


#78  
Pyrene  
Concen: 70.429 ng  
RT: 12.792 min Scan# 1819  
Delta R.T. 0.006 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56



Tgt Ion:202 Resp: 1828995  
Ion Ratio Lower Upper  
202 100  
200 21.5 16.8 25.2  
203 17.8 14.3 21.5





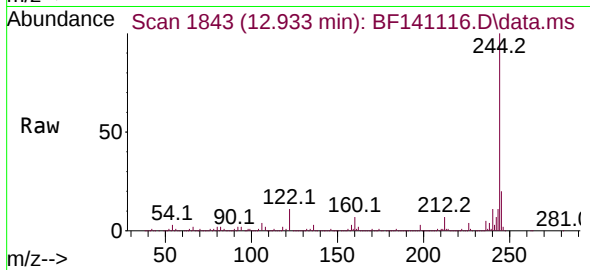
#79  
 Terphenyl-d14  
 Concen: 134.858 ng  
 RT: 12.933 min Scan# 1843  
 Delta R.T. -0.000 min  
 Lab File: BF141116.D  
 Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

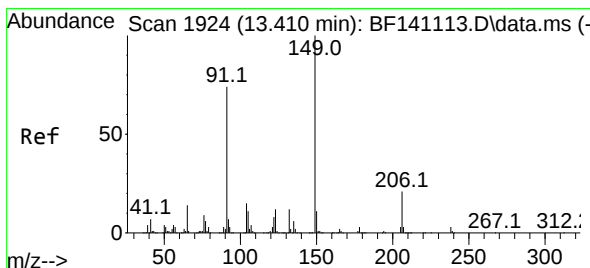
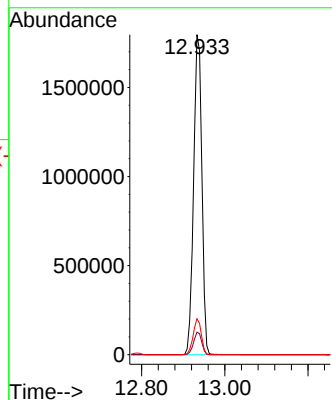
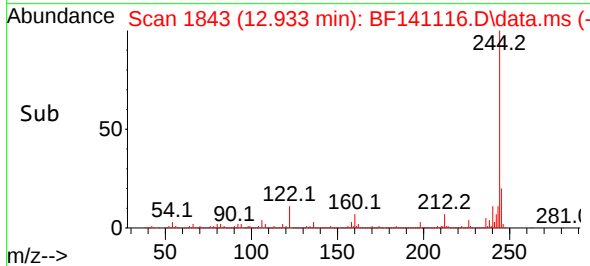


Tgt Ion:244 Resp: 246700  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.4 8.2  
 122 11.2 8.8 13.2

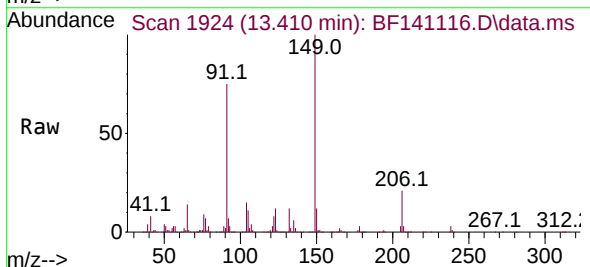
Manual Integrations

APPROVED

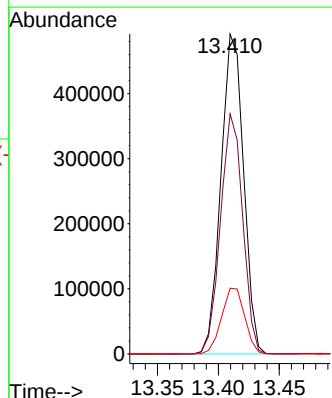
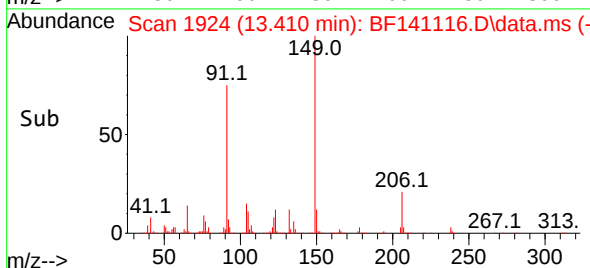
Reviewed By :Yogesh Patel 01/13/2025  
 Supervised By :Jagrut Upadhyay 01/13/2025

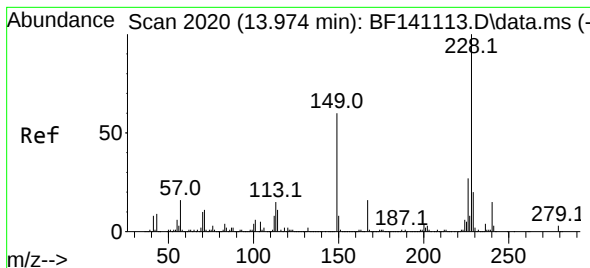


#80  
 Butylbenzylphthalate  
 Concen: 73.552 ng  
 RT: 13.410 min Scan# 1924  
 Delta R.T. -0.000 min  
 Lab File: BF141116.D  
 Acq: 10 Jan 2025 15:56



Tgt Ion:149 Resp: 636843  
 Ion Ratio Lower Upper  
 149 100  
 91 75.0 59.0 88.6  
 206 20.5 16.5 24.7





#81

Benzo(a)anthracene

Concen: 75.462 ng

RT: 13.980 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF141116.D

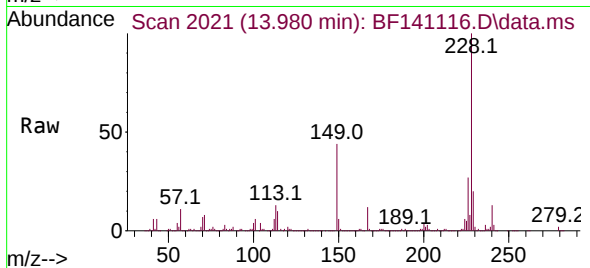
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



Tgt Ion:228 Resp: 1396340

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

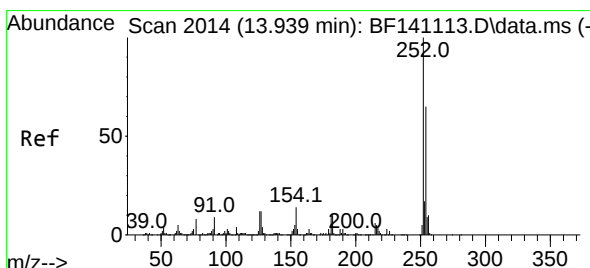
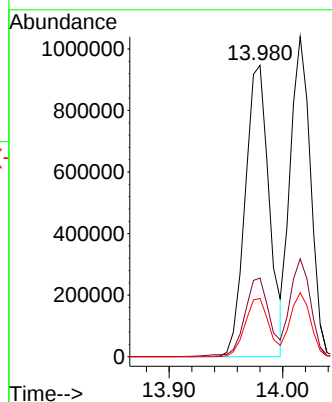
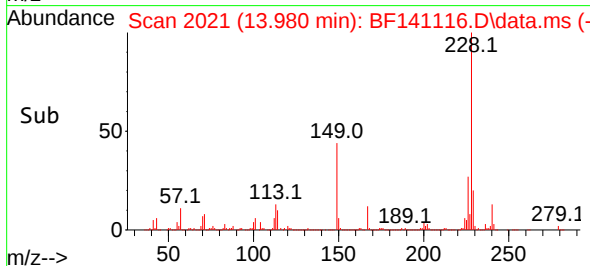
229 20.0 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#82

3,3'-Dichlorobenzidine

Concen: 81.281 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

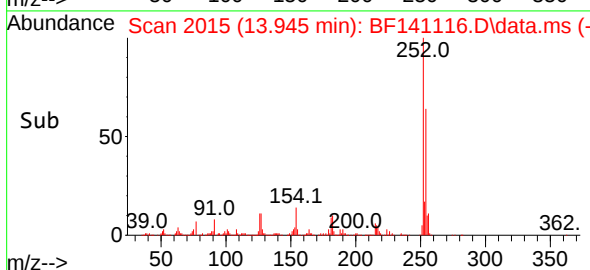
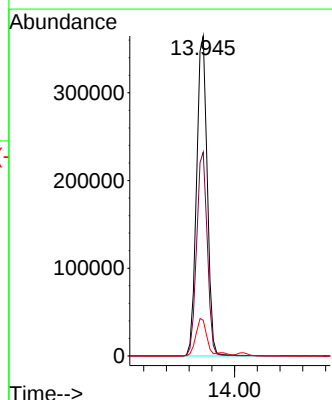
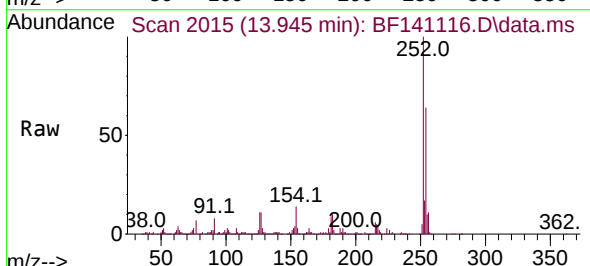
Tgt Ion:252 Resp: 478908

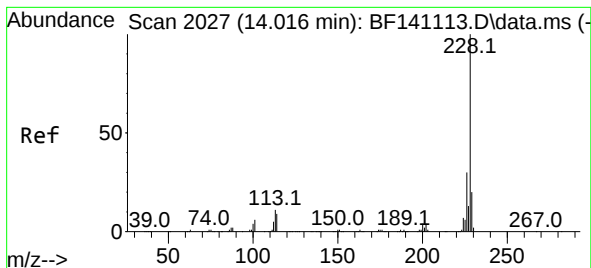
Ion Ratio Lower Upper

252 100

254 63.7 52.0 78.0

126 11.1 9.4 14.0





#83

Chrysene

Concen: 74.521 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 1290260

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.8

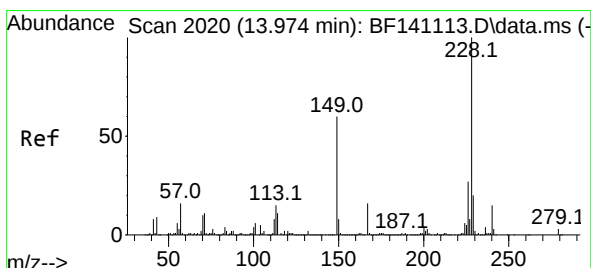
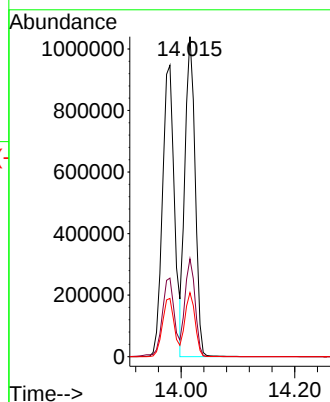
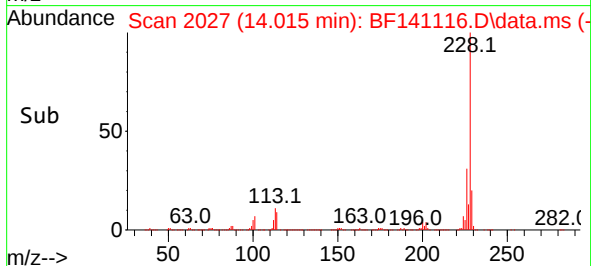
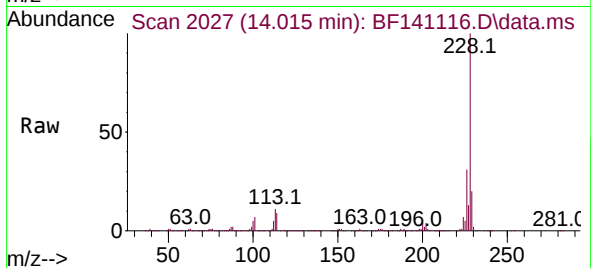
229 20.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.293 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

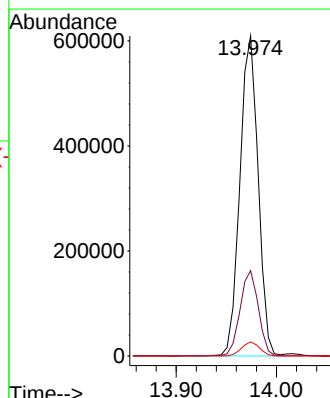
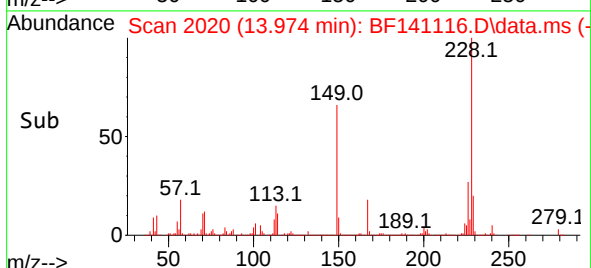
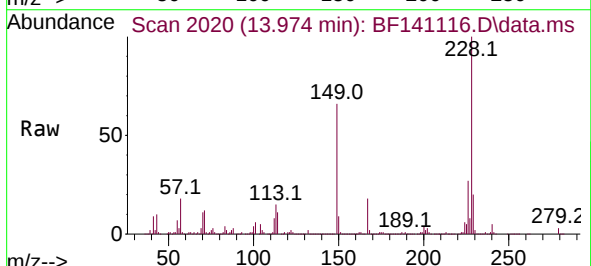
Tgt Ion:149 Resp: 771818

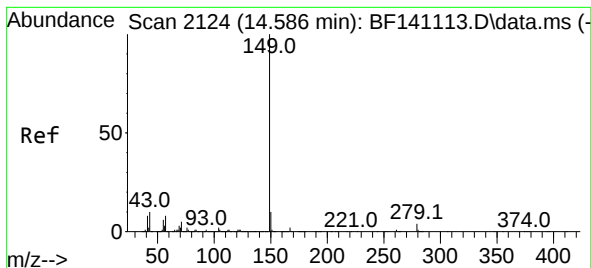
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.2

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 88.933 ng

RT: 14.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 1395174

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

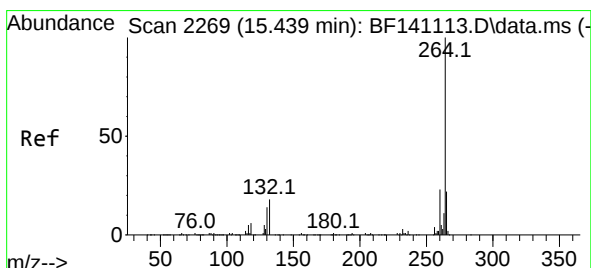
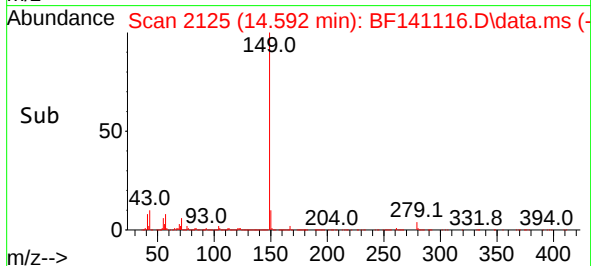
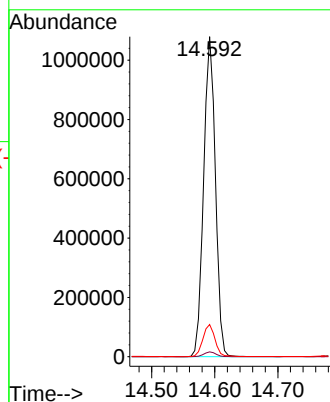
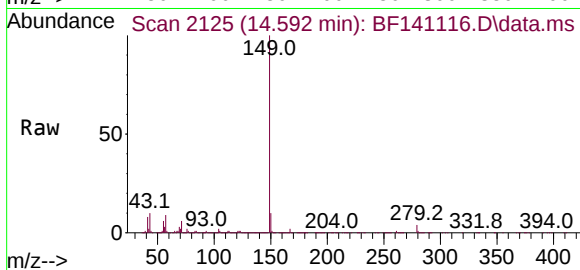
43 10.4 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

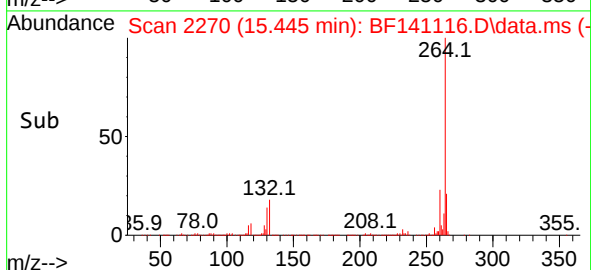
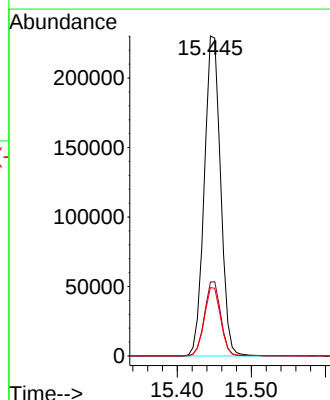
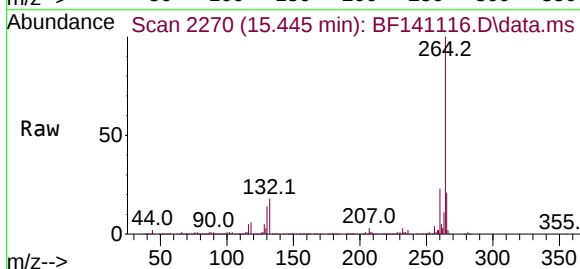
Tgt Ion:264 Resp: 352412

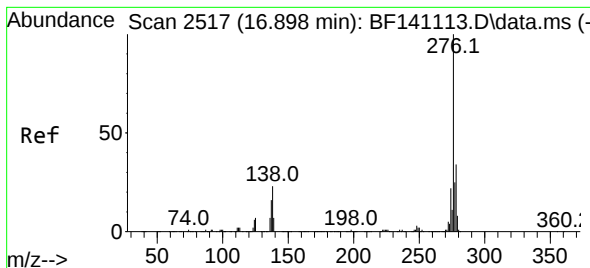
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 78.045 ng

RT: 16.915 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:276 Resp: 2015034

Ion Ratio Lower Upper

276 100

138 24.6 20.7 31.1

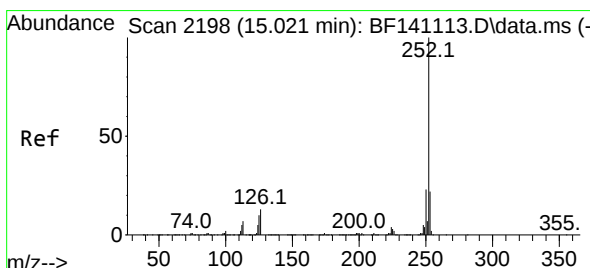
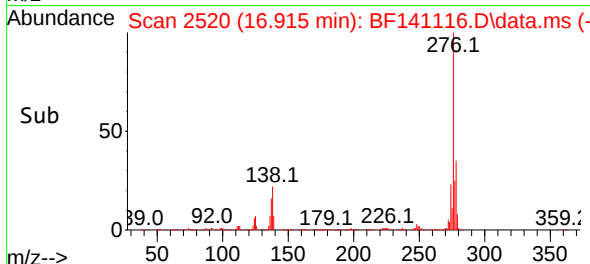
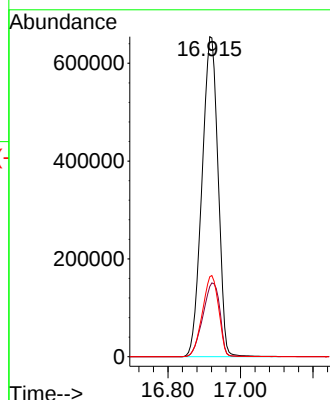
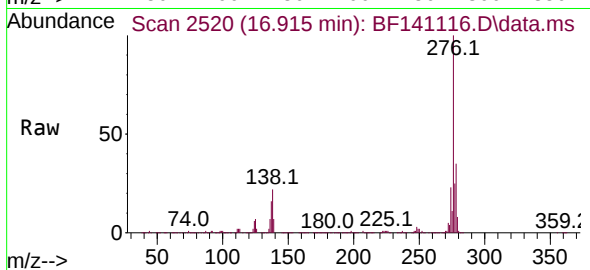
277 25.7 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#88

Benzo(b)fluoranthene

Concen: 76.464 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

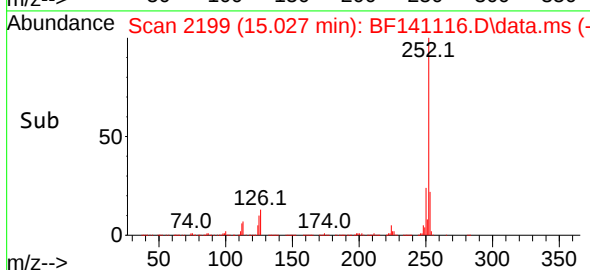
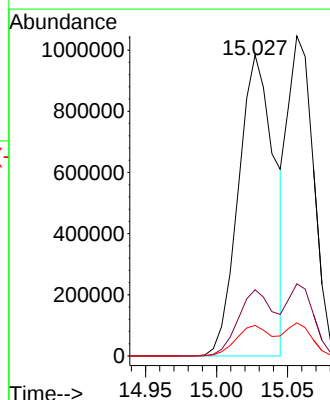
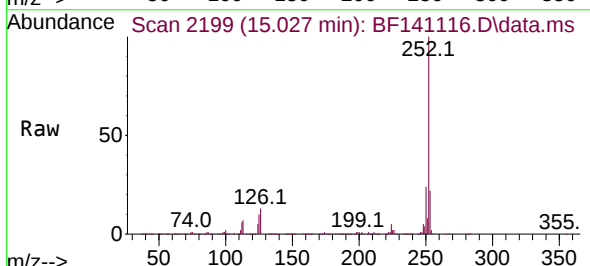
Tgt Ion:252 Resp: 1737624

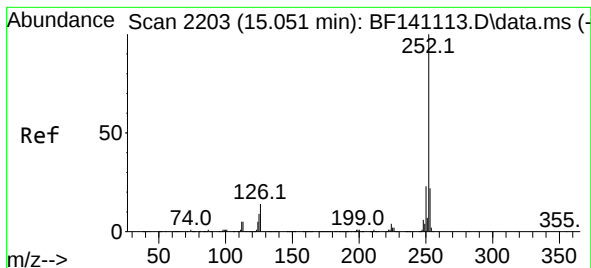
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 69.325 ng

RT: 15.057 min Scan# 2203

Delta R.T. 0.006 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1331349

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

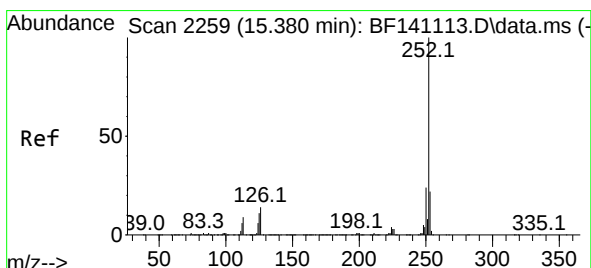
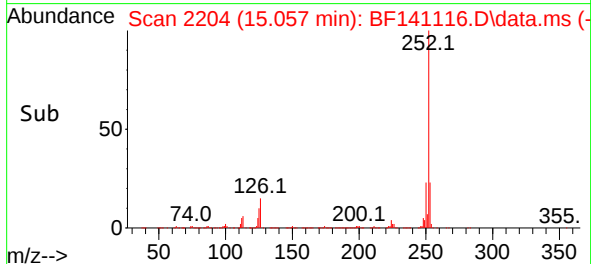
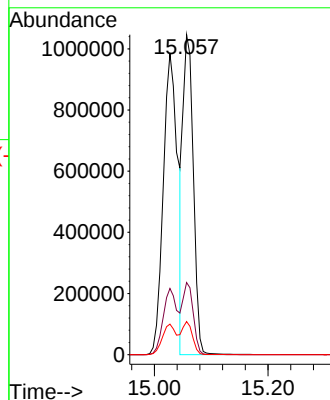
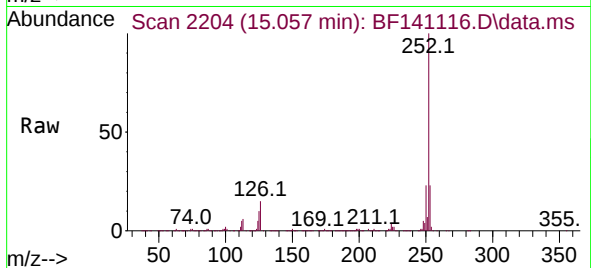
125 10.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#90

Benzo(a)pyrene

Concen: 75.642 ng

RT: 15.392 min Scan# 2261

Delta R.T. 0.012 min

Lab File: BF141116.D

Acq: 10 Jan 2025 15:56

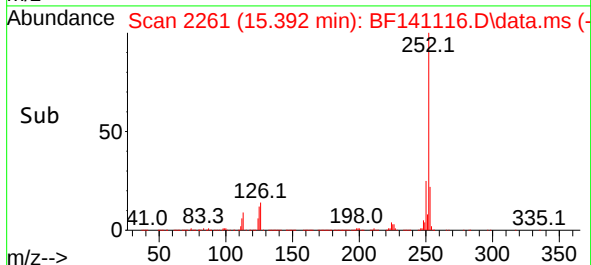
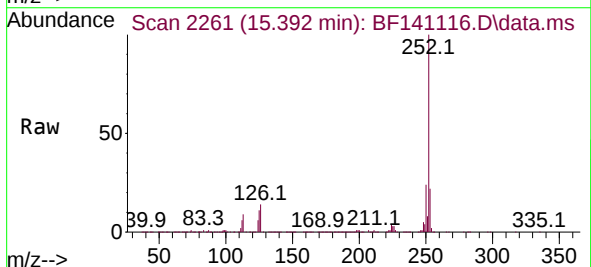
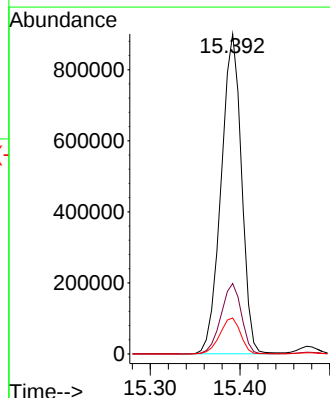
Tgt Ion:252 Resp: 1418215

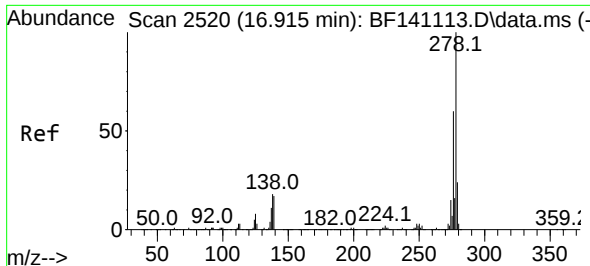
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.3 9.1 13.7





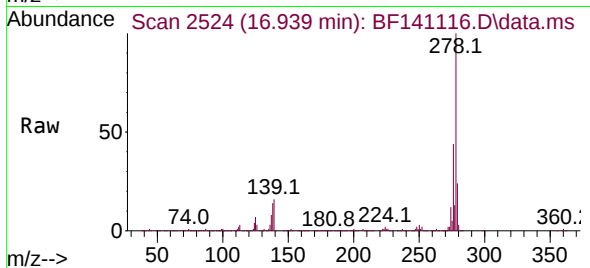
#91  
Dibenzo(a,h)anthracene  
Concen: 77.425 ng  
RT: 16.939 min Scan# 2524  
Delta R.T. 0.023 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



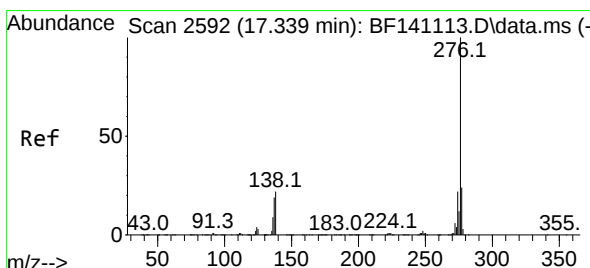
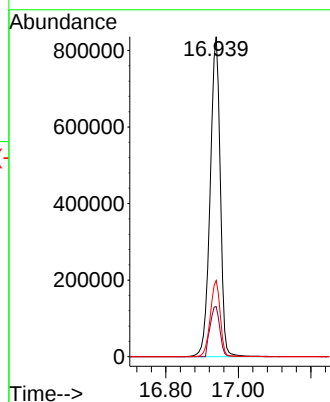
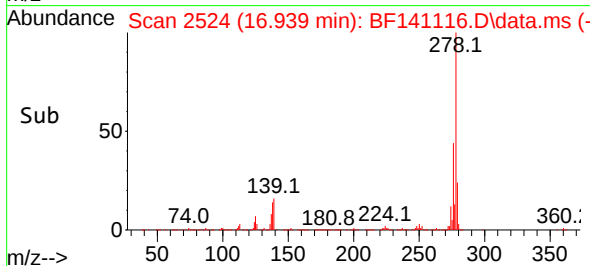
Tgt Ion:278 Resp: 161682  
Ion Ratio Lower Upper  
278 100  
139 15.7 13.8 20.6  
279 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#92  
Benzo(g,h,i)perylene  
Concen: 78.500 ng  
RT: 17.362 min Scan# 2596  
Delta R.T. 0.023 min  
Lab File: BF141116.D  
Acq: 10 Jan 2025 15:56

Tgt Ion:276 Resp: 1705087  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.0 28.4  
138 21.4 17.4 26.2

