

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030425\  
 Data File : BF141824.D  
 Acq On : 04 Mar 2025 13:46  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 03/05/2025  
 Supervised By :Jagrut Upadhyay 03/05/2025

Quant Time: Mar 04 14:43:44 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 319426   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 1215091  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 645310   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 1061915  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 709212   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.509 | 264  | 560512   | 20.000 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 1559690  | 77.978 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 2033152  | 78.096 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1634260  | 85.971 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 496406   | 81.938 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 3140877  | 78.044 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 3274522  | 74.701 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.699  | 88   | 361809   | 39.865 | ng    | 99       |
| 3) Pyridine                   | 3.469  | 79   | 907853   | 40.204 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.416  | 42   | 447171   | 41.156 | ng    | 96       |
| 6) Aniline                    | 6.551  | 93   | 1079364  | 39.879 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 839631   | 38.805 | ng    | 98       |
| 9) Benzaldehyde               | 6.439  | 77   | 530687   | 35.044 | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 1092734  | 39.279 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 820802   | 38.706 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 919842   | 39.697 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 916302   | 39.246 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 855010   | 39.217 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.022  | 79   | 792906   | 38.109 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 1239421  | 38.486 | ng    | 99       |
| 17) 2-Methylphenol            | 7.134  | 107  | 687604   | 38.500 | ng    | 99       |
| 18) Hexachloroethane          | 7.404  | 117  | 332119   | 38.006 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 622532   | 36.376 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.286  | 107  | 857269   | 38.547 | ng    | 92       |
| 22) Acetophenone              | 7.298  | 105  | 1152069  | 38.930 | ng    | # 98     |
| 24) Nitrobenzene              | 7.469  | 77   | 868977   | 42.688 | ng    | 98       |
| 25) Isophorone                | 7.710  | 82   | 1571685  | 38.485 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 354182   | 39.806 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 595528   | 39.670 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 994830   | 38.187 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 704417   | 40.674 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 761970   | 40.151 | ng    | 99       |
| 31) Naphthalene               | 8.192  | 128  | 2456478  | 39.335 | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 498003m  | 41.068 | ng    |          |
| 33) 4-Chloroaniline           | 8.239  | 127  | 916818   | 40.039 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 465387   | 39.464 | ng    | 99       |
| 35) Caprolactam               | 8.610  | 113  | 219565   | 41.211 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 762761   | 39.647 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.880  | 142  | 1599675  | 39.052 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.980  | 142  | 1546452  | 39.346 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 747040   | 40.083 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 308834   | 39.707 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 492456   | 40.905 | ng    | 99       |

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Manual Integrations  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 511248   | 42.885 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 1963437  | 39.974 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 1468474  | 40.506 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 411664   | 42.073 | ng    | 97       |
| 49) Acenaphthylene            | 9.786  | 152  | 2181808  | 40.140 | ng    | 100      |
| 50) Dimethylphthalate         | 9.645  | 163  | 1681847  | 38.918 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 335762   | 41.050 | ng    | 98       |
| 52) Acenaphthene              | 9.957  | 154  | 1488313  | 40.580 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.869  | 138  | 373329   | 42.742 | ng    | # 99     |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 143536   | 45.715 | ng    | # 6      |
| 55) Dibenzofuran              | 10.127 | 168  | 2112940  | 39.582 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.016 | 139  | 309208   | 48.445 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 431480   | 43.117 | ng    | 98       |
| 58) Fluorene                  | 10.469 | 166  | 1562291  | 39.071 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 430683   | 41.539 | ng    | 98       |
| 60) Diethylphthalate          | 10.345 | 149  | 1660083  | 38.319 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 775630   | 38.715 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.486 | 138  | 369121   | 50.016 | ng    | 97       |
| 63) Azobenzene                | 10.622 | 77   | 1753203  | 38.435 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 212809   | 43.478 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 1368091  | 39.235 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 486664   | 39.236 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 519753   | 39.682 | ng    | 98       |
| 69) Atrazine                  | 11.104 | 200  | 341198   | 35.582 | ng    | 98       |
| 70) Pentachlorophenol         | 11.210 | 266  | 358495   | 43.155 | ng    | 100      |
| 71) Phenanthrene              | 11.433 | 178  | 2260798  | 39.801 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 2275135  | 39.965 | ng    | 100      |
| 73) Carbazole                 | 11.633 | 167  | 2044567  | 40.670 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 2427528  | 38.095 | ng    | 99       |
| 75) Fluoranthene              | 12.621 | 202  | 2383691  | 40.955 | ng    | 99       |
| 77) Benzidine                 | 12.739 | 184  | 595524   | 66.715 | ng    | 100      |
| 78) Pyrene                    | 12.851 | 202  | 2388331  | 38.889 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 908038   | 40.696 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 1809644  | 38.631 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 550809   | 40.983 | ng    | 99       |
| 83) Chrysene                  | 14.068 | 228  | 1725306  | 39.954 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149  | 1173412  | 42.235 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 1631496  | 39.224 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.003 | 276  | 1428648  | 40.028 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 1535514  | 40.217 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 1265526  | 38.997 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 1216179  | 39.718 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.021 | 278  | 1158823  | 39.776 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.456 | 276  | 1207865  | 40.469 | ng    | 99       |

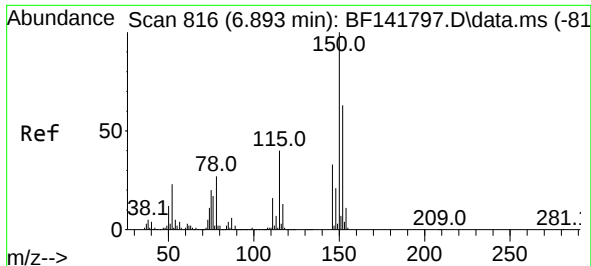
(#) = qualifier out of range (m) = manual integration (+) = signals summed

## Manual Integrations APPROVED

Reviewed By :Anahy Claudio    03/05/2025  
Supervised By :Jagrut Upadhyay    03/05/2025

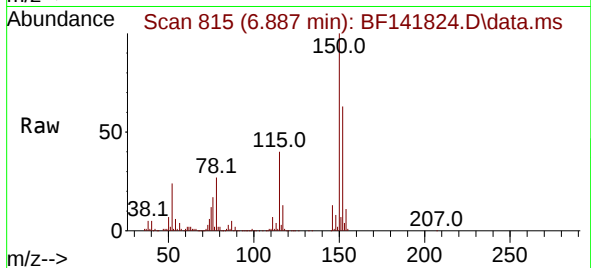
Quant Time: Mar 04 14:43:44 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 28 01:48:16 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

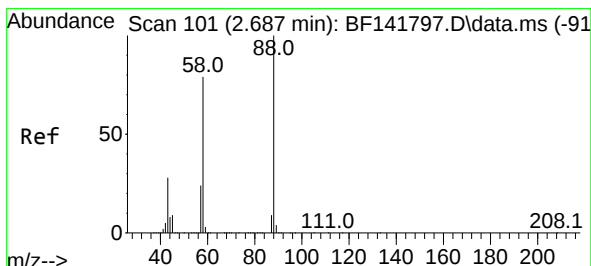
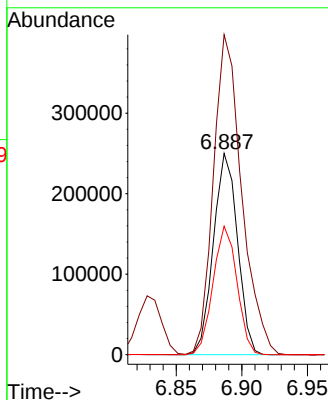
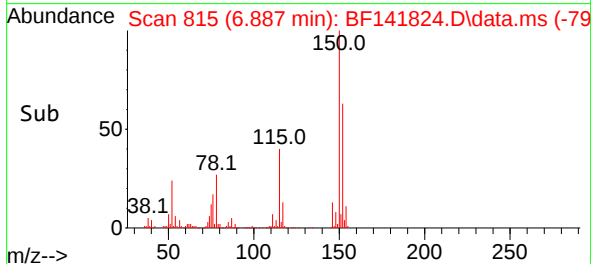
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



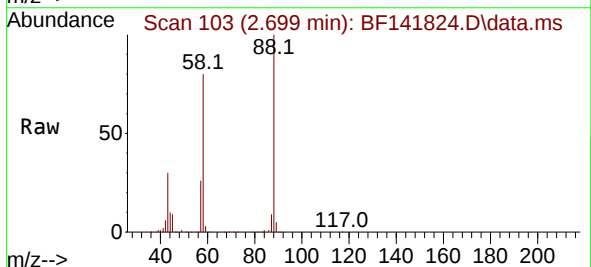
Tgt Ion:152 Resp: 319420  
Ion Ratio Lower Upper  
152 100  
150 159.0 127.5 191.3  
115 63.9 51.4 77.2

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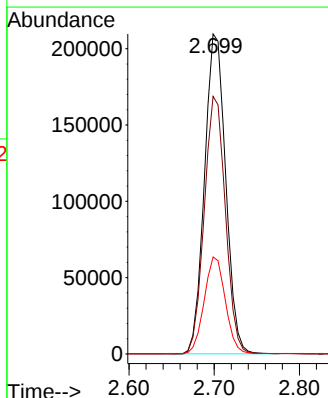
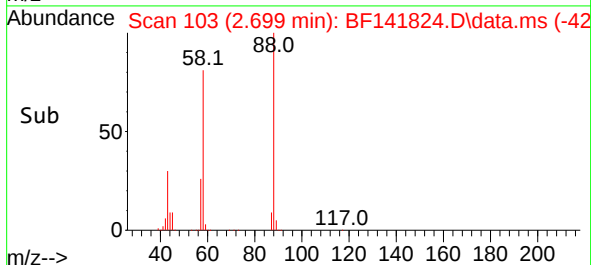
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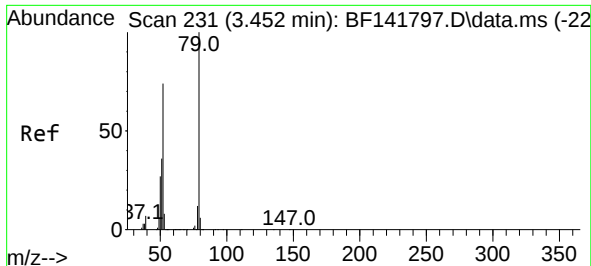


#2  
1,4-Dioxane  
Concen: 39.865 ng  
RT: 2.699 min Scan# 103  
Delta R.T. 0.012 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



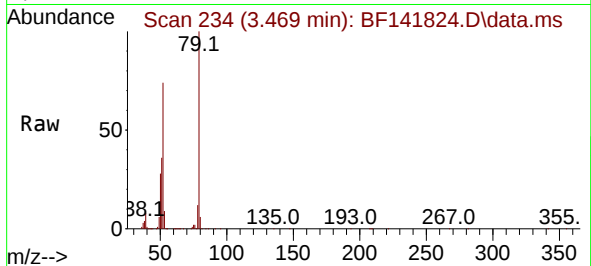
Tgt Ion: 88 Resp: 361809  
Ion Ratio Lower Upper  
88 100  
58 80.7 63.9 95.9  
43 30.2 23.0 34.6





#3  
Pyridine  
Concen: 40.204 ng  
RT: 3.469 min Scan# 21  
Delta R.T. 0.017 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

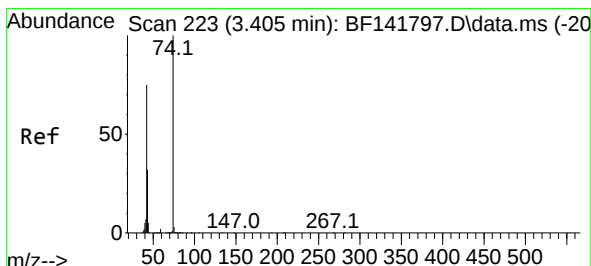
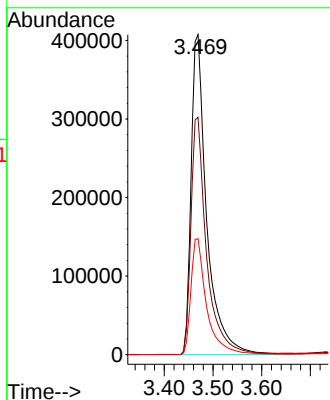
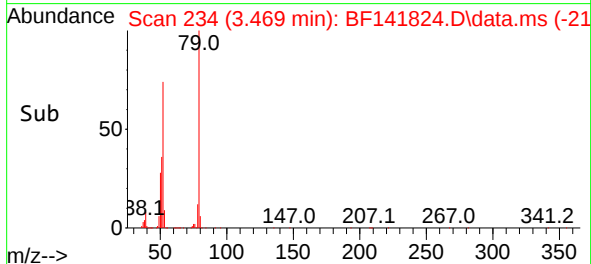
Instrument :  
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ClientSampleId :  
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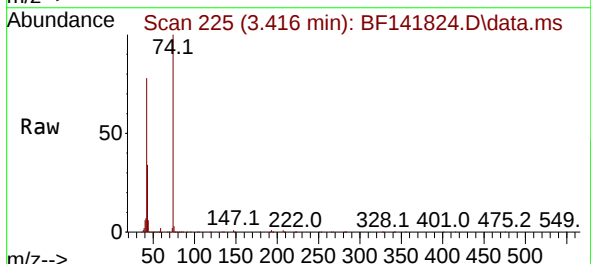
Tgt Ion: 79 Resp: 90785  
Ion Ratio Lower Upper  
79 100  
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Manual Integrations  
APPROVED

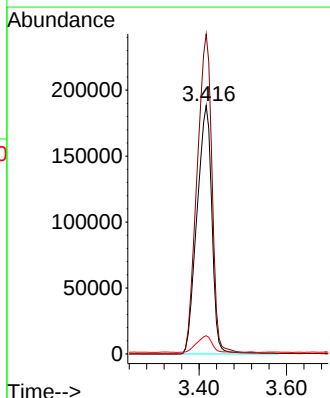
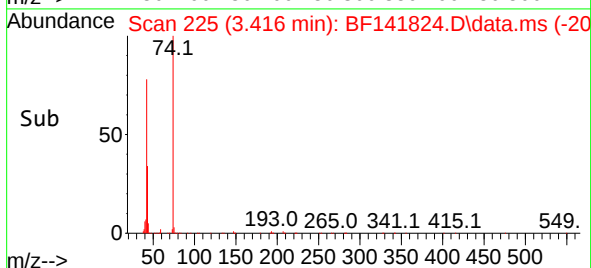
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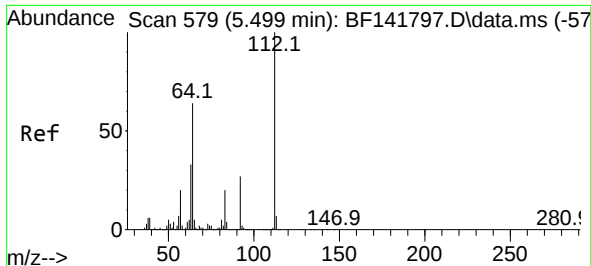


#4  
n-Nitrosodimethylamine  
Concen: 41.156 ng  
RT: 3.416 min Scan# 225  
Delta R.T. 0.012 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



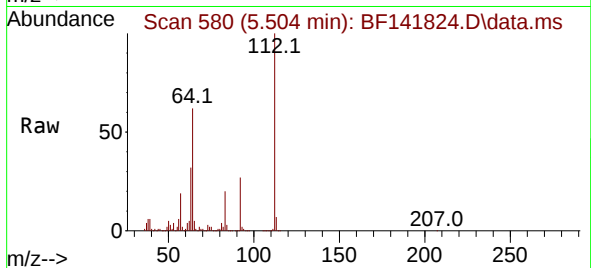
Tgt Ion: 42 Resp: 447171  
Ion Ratio Lower Upper  
42 100  
74 128.8 107.1 160.7  
44 7.3 6.6 9.8





#5  
2-Fluorophenol  
Concen: 77.978 ng  
RT: 5.504 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

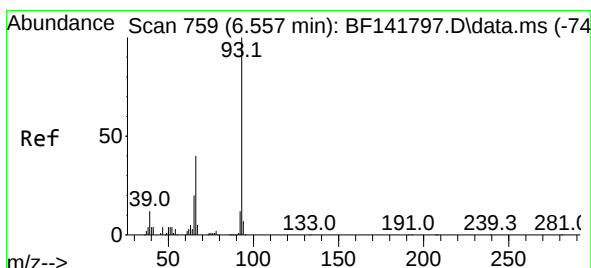
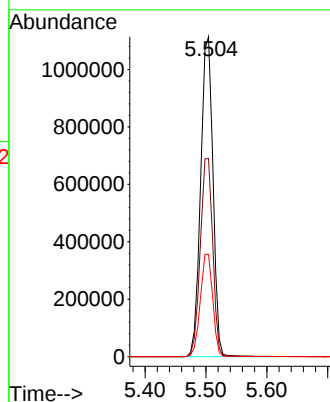
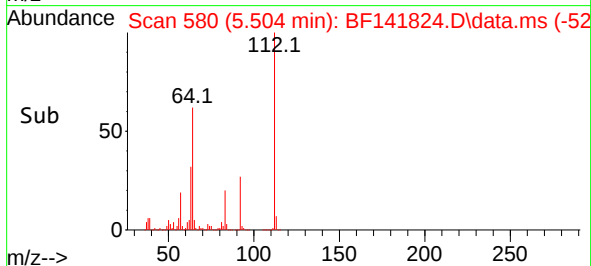
Instrument :  
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Tgt Ion:112 Resp: 1559690  
Ion Ratio Lower Upper  
112 100  
64 61.9 51.3 76.9  
63 32.0 26.2 39.4

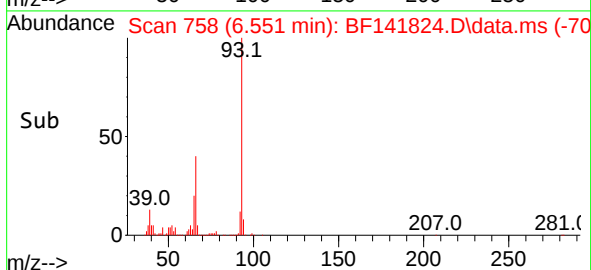
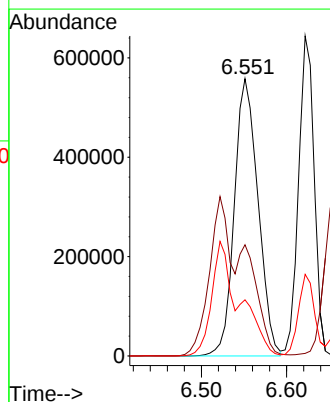
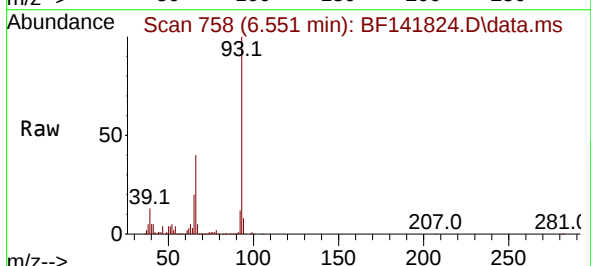
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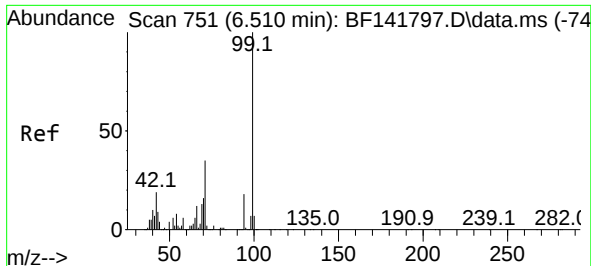
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#6  
Aniline  
Concen: 39.879 ng  
RT: 6.551 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

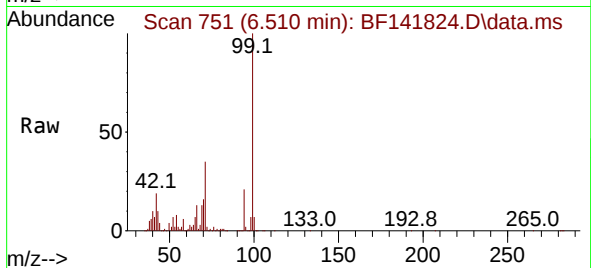
Tgt Ion: 93 Resp: 1079364  
Ion Ratio Lower Upper  
93 100  
66 40.1 32.3 48.5  
65 20.3 15.9 23.9





#7  
Phenol-d6  
Concen: 78.096 ng  
RT: 6.510 min Scan# 751  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

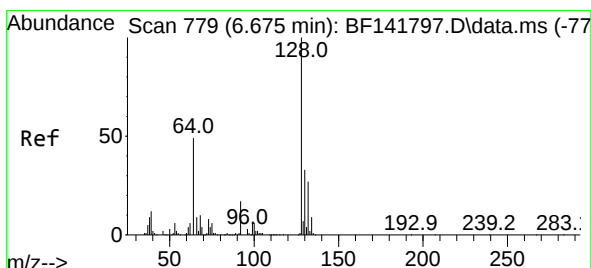
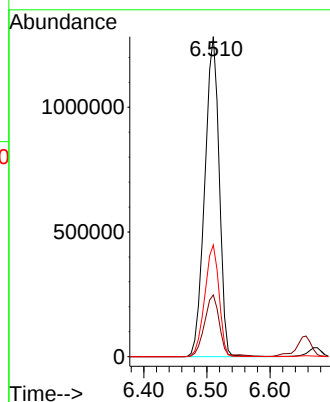
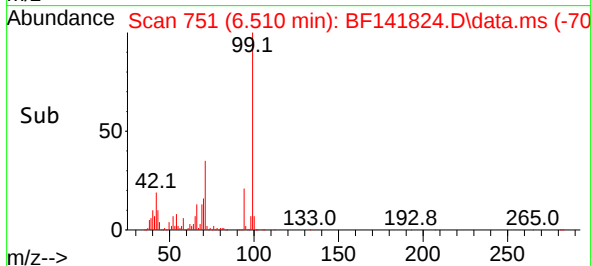
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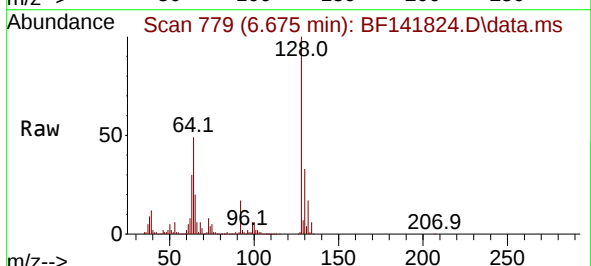
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71 34.9 28.2 42.2

Manual Integrations  
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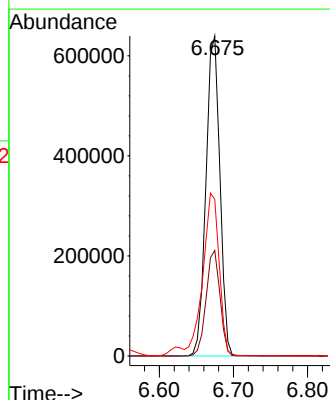
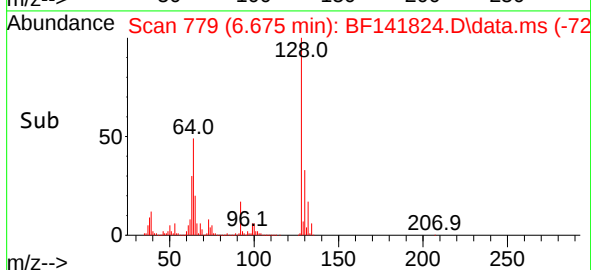
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

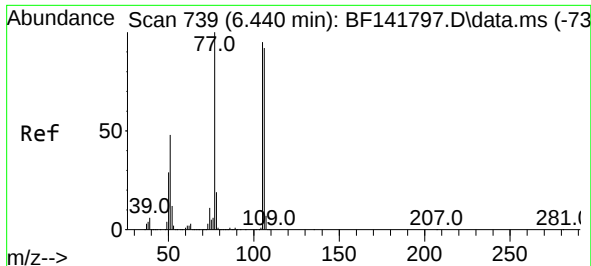


#8  
2-Chlorophenol  
Concen: 38.805 ng  
RT: 6.675 min Scan# 779  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



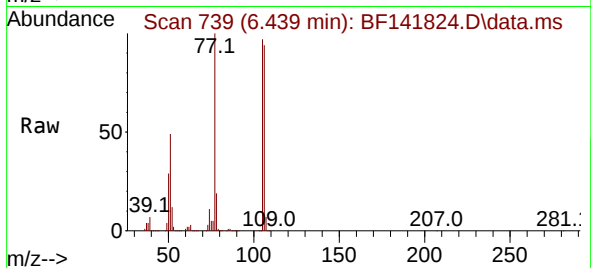
Tgt Ion:128 Resp: 839631  
Ion Ratio Lower Upper  
128 100  
130 33.0 12.6 52.6  
64 48.9 31.1 71.1





#9  
Benzaldehyde  
Concen: 35.044 ng  
RT: 6.439 min Scan# 710  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

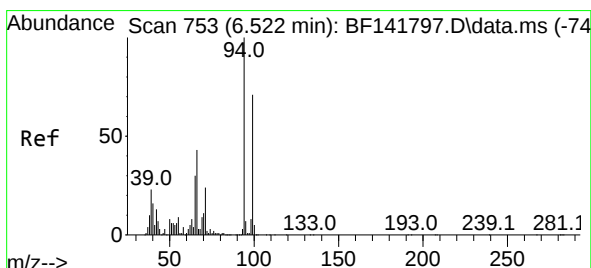
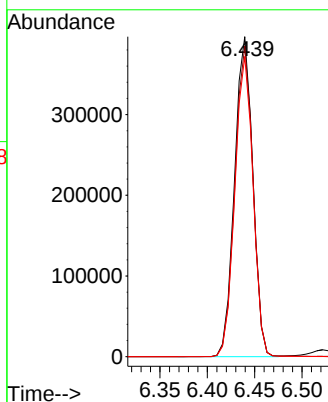
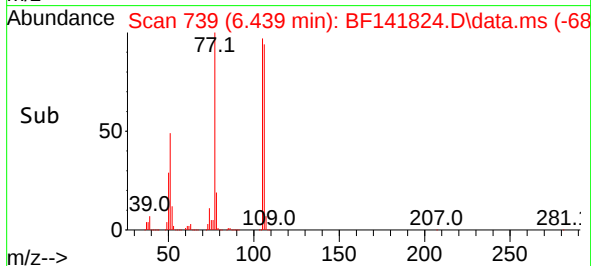
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 53068  
Ion Ratio Lower Upper  
77 100  
105 97.0 75.3 115.3  
106 93.8 72.3 112.3

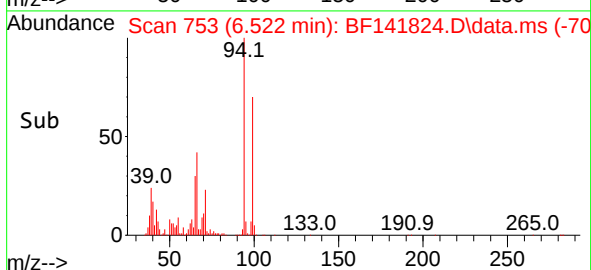
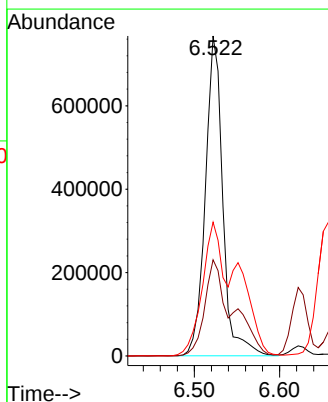
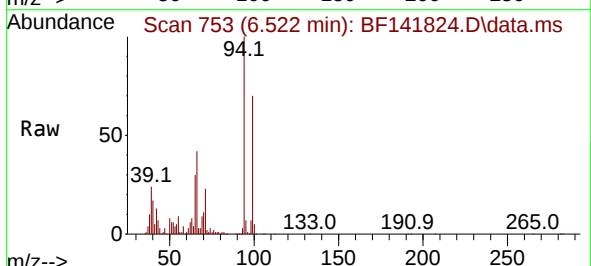
Manual Integrations  
APPROVED

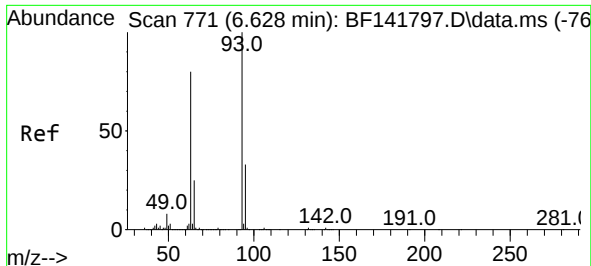
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#10  
Phenol  
Concen: 39.279 ng  
RT: 6.522 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

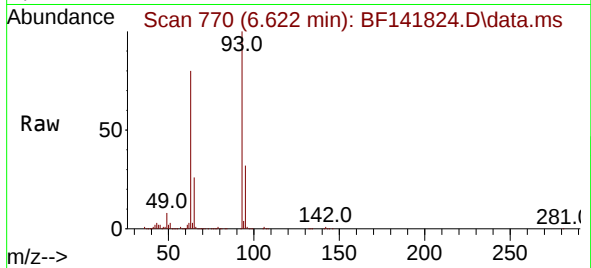
Tgt Ion: 94 Resp: 1092734  
Ion Ratio Lower Upper  
94 100  
65 30.0 10.2 50.2  
66 41.8 23.2 63.2





#11  
bis(2-Chloroethyl)ether  
Concen: 38.706 ng  
RT: 6.622 min Scan# 771  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

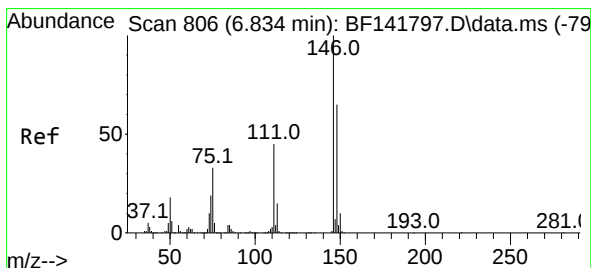
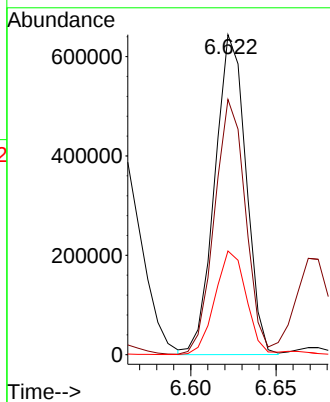
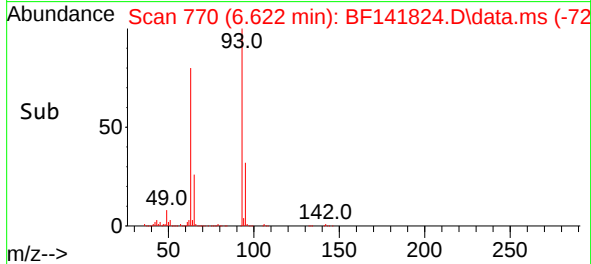
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



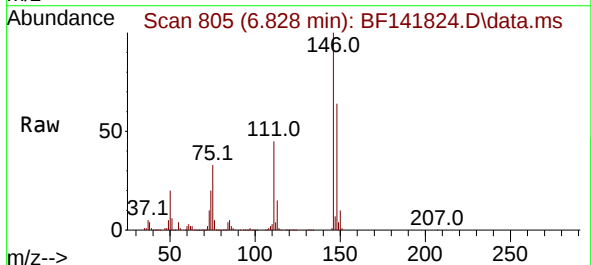
Tgt Ion: 93 Resp: 820802  
Ion Ratio Lower Upper  
93 100  
63 79.8 59.3 99.3  
95 32.4 13.2 53.2

Manual Integrations  
APPROVED

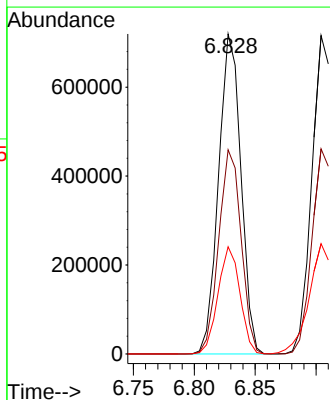
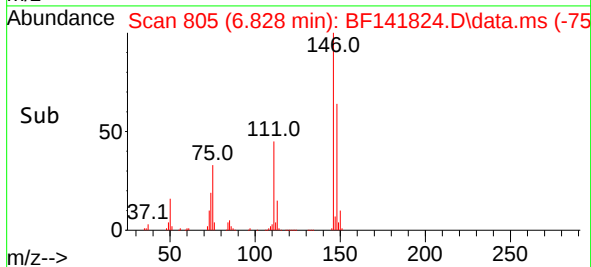
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

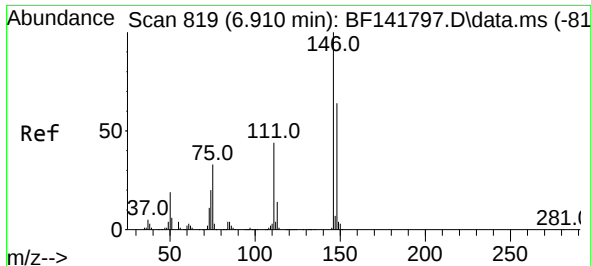


#12  
1,3-Dichlorobenzene  
Concen: 39.697 ng  
RT: 6.828 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



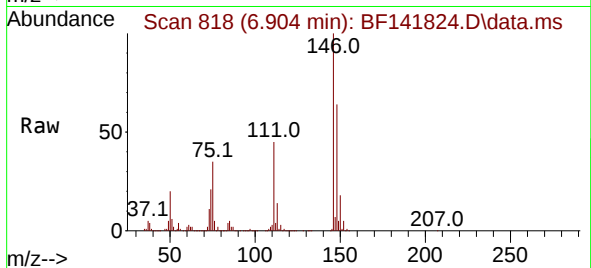
Tgt Ion:146 Resp: 919842  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.8 77.6  
75 33.5 26.2 39.4





#13  
1,4-Dichlorobenzene  
Concen: 39.246 ng  
RT: 6.904 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

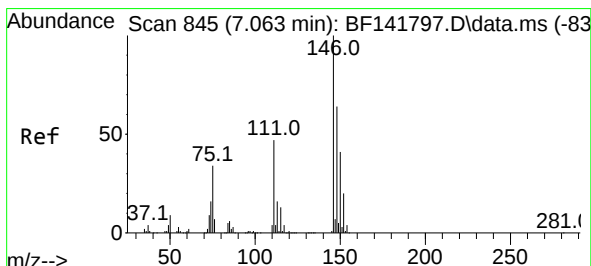
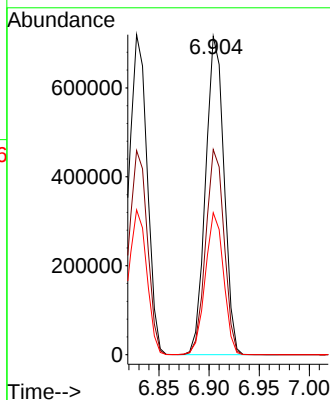
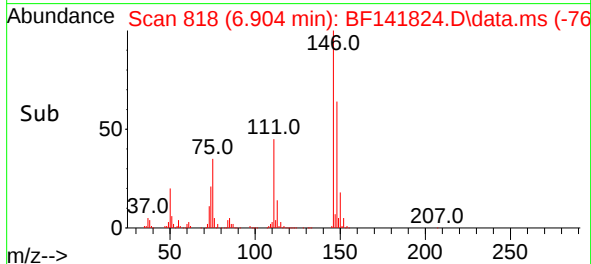
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



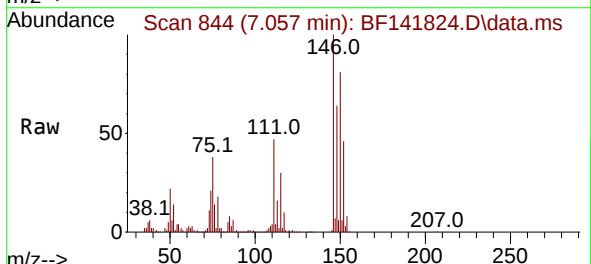
Tgt Ion:146 Resp: 916302  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.4 77.2  
111 44.6 35.5 53.3

Manual Integrations  
APPROVED

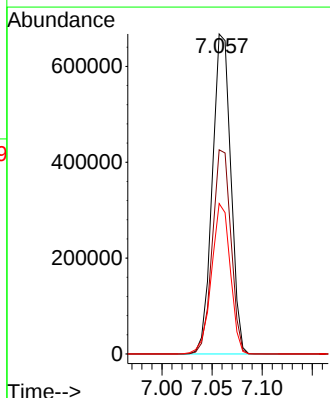
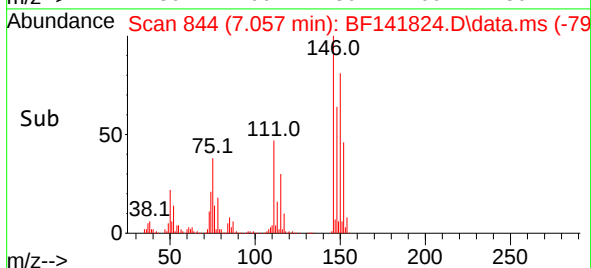
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

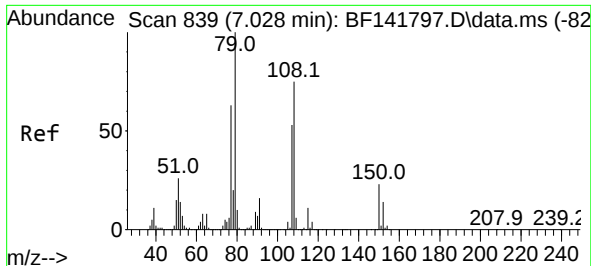


#14  
1,2-Dichlorobenzene  
Concen: 39.217 ng  
RT: 7.057 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



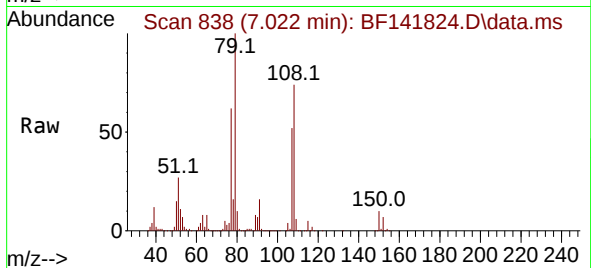
Tgt Ion:146 Resp: 855010  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.2 76.8  
111 47.0 37.8 56.6





#15  
Benzyl Alcohol  
Concen: 38.109 ng  
RT: 7.022 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

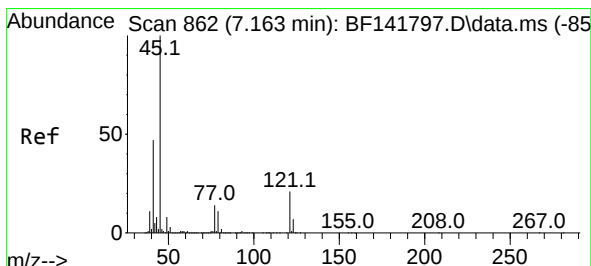
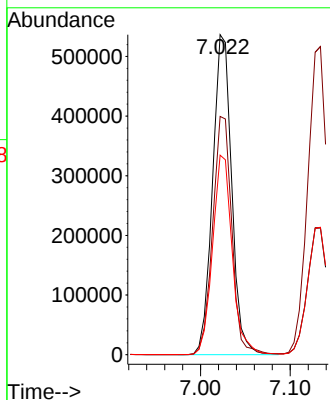
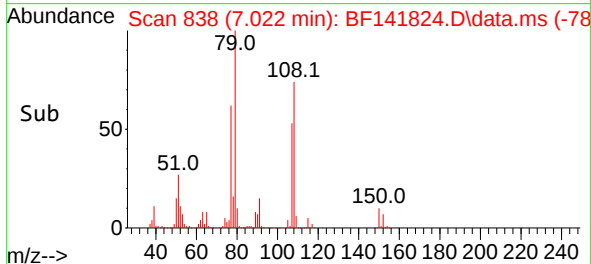
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



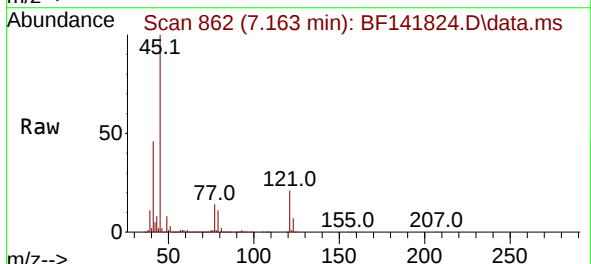
Tgt Ion: 79 Resp: 792900  
Ion Ratio Lower Upper  
79 100  
108 74.5 60.2 90.2  
77 62.3 50.2 75.2

Manual Integrations  
APPROVED

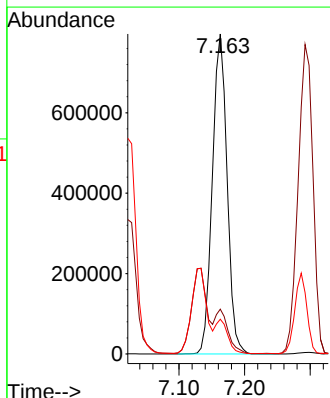
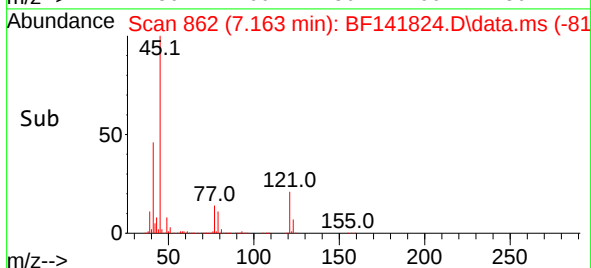
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.486 ng  
RT: 7.163 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



Tgt Ion: 45 Resp: 1239421  
Ion Ratio Lower Upper  
45 100  
77 14.0 0.0 34.4  
79 10.9 0.0 30.9





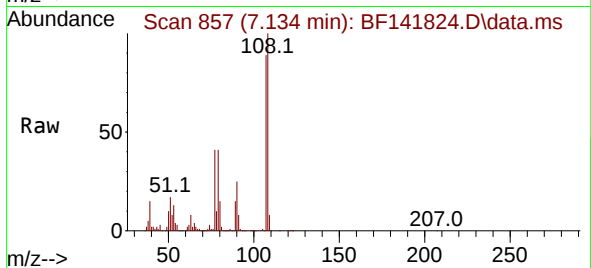
#17  
2-Methylphenol  
Concen: 38.500 ng  
RT: 7.134 min Scan# 857  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

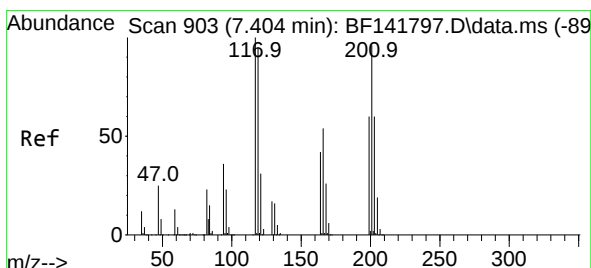
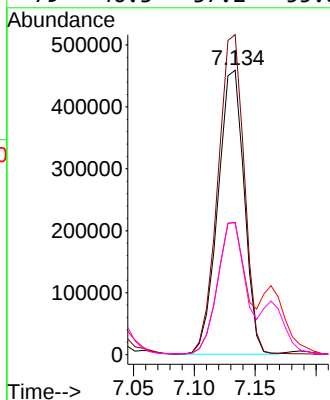
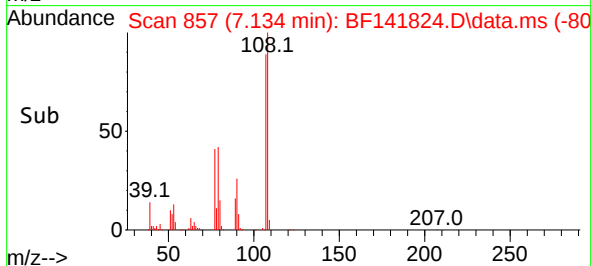


Tgt Ion:107 Resp: 687604  
Ion Ratio Lower Upper  
107 100  
108 112.5 90.6 135.8  
77 46.5 37.7 56.5  
79 46.3 37.2 55.8

Manual Integrations

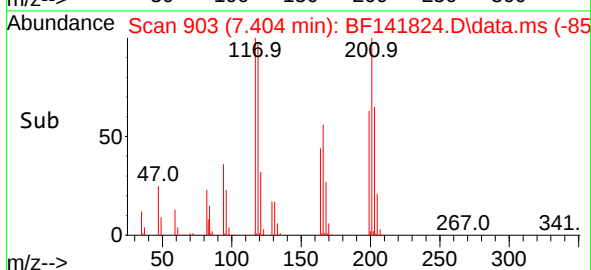
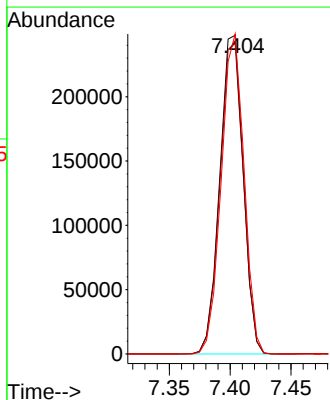
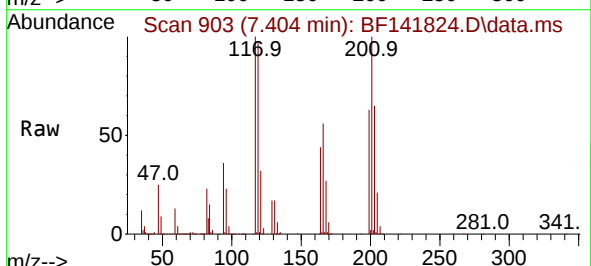
APPROVED

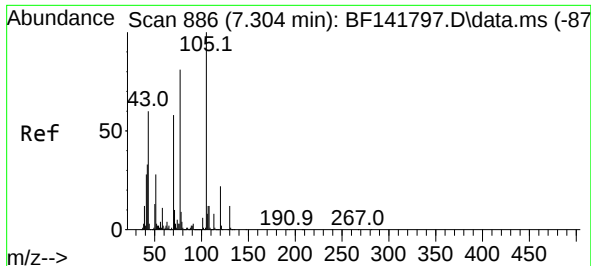
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#18  
Hexachloroethane  
Concen: 38.006 ng  
RT: 7.404 min Scan# 903  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Tgt Ion:117 Resp: 332119  
Ion Ratio Lower Upper  
117 100  
119 97.5 75.8 113.8  
201 100.4 76.7 115.1





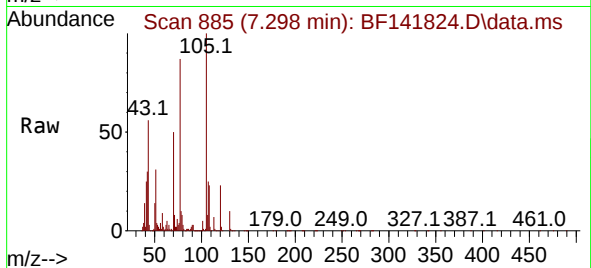
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.376 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

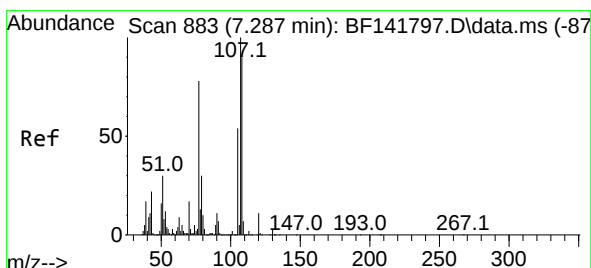
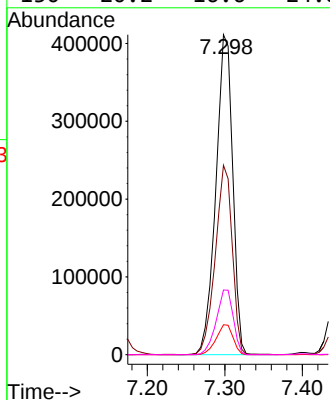
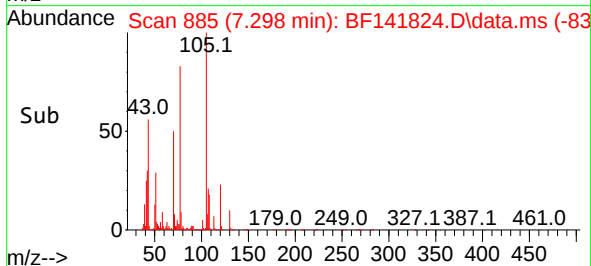


Tgt Ion: 70 Resp: 62253  
Ion Ratio Lower Upper  
70 100  
42 59.2 45.4 68.0  
101 9.4 7.8 11.8  
130 20.2 16.6 24.8

Manual Integrations

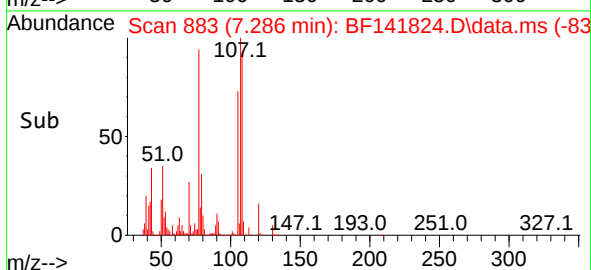
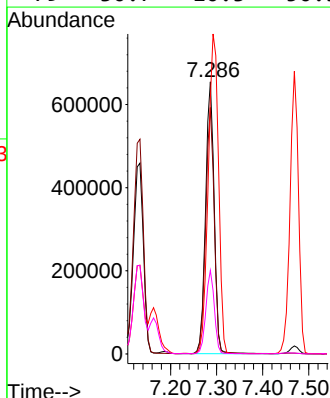
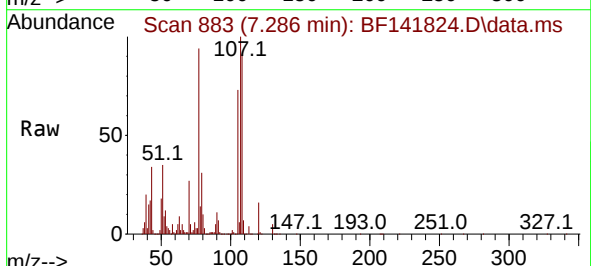
APPROVED

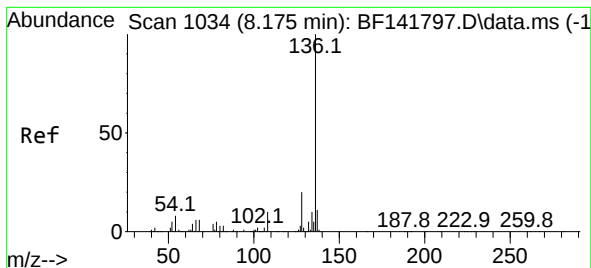
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#20  
3+4-Methylphenols  
Concen: 38.547 ng  
RT: 7.286 min Scan# 883  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Tgt Ion:107 Resp: 857269  
Ion Ratio Lower Upper  
107 100  
108 90.5 69.7 109.7  
77 93.8 58.3 98.3  
79 30.7 10.3 50.3





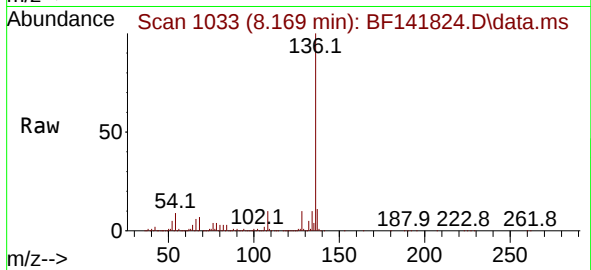
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

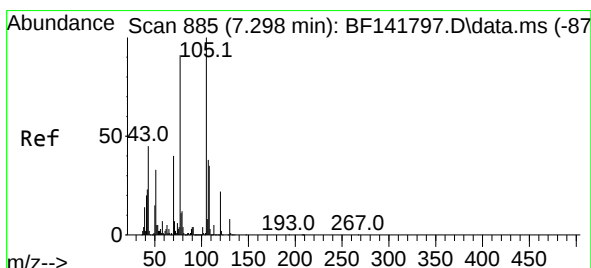
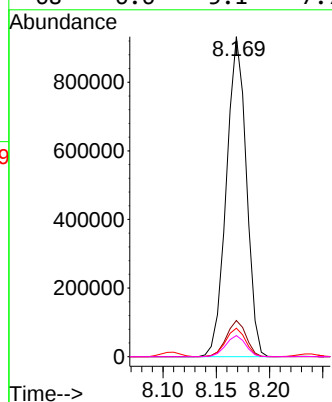
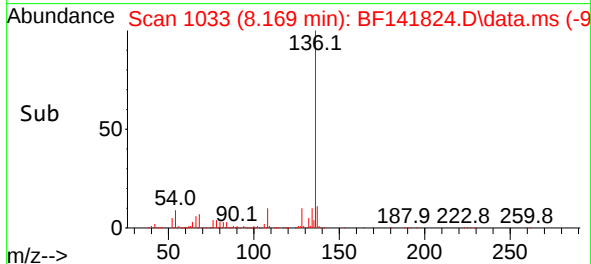


Tgt Ion:136 Resp: 121509  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.9 13.3  
54 8.9 6.9 10.3  
68 6.6 5.1 7.7

Manual Integrations

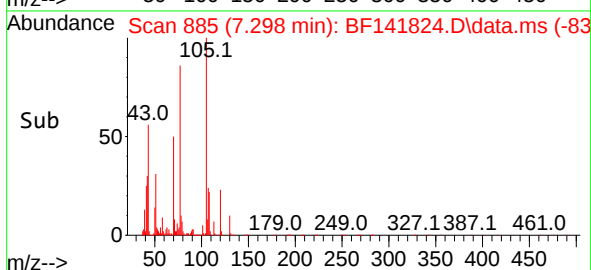
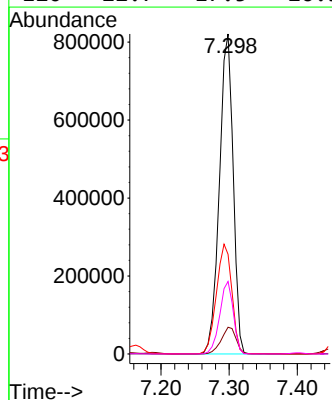
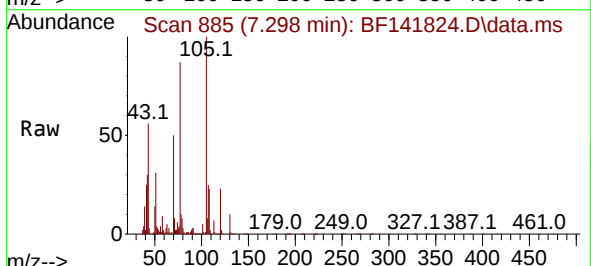
APPROVED

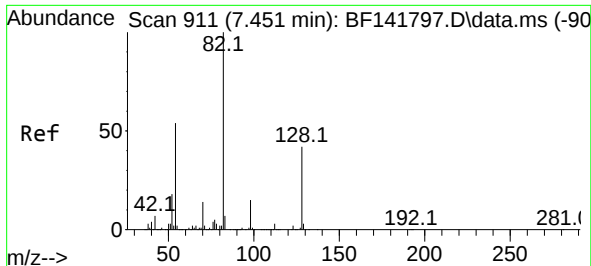
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#22  
Acetophenone  
Concen: 38.930 ng  
RT: 7.298 min Scan# 885  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Tgt Ion:105 Resp: 1152069  
Ion Ratio Lower Upper  
105 100  
71 8.3 5.4 8.0#  
51 31.2 26.1 39.1  
120 22.7 17.5 26.3





#23

Nitrobenzene-d5

Concen: 85.971 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF141824.D

Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1634260

Ion Ratio Lower Upper

82 100

128 42.4 33.5 50.3

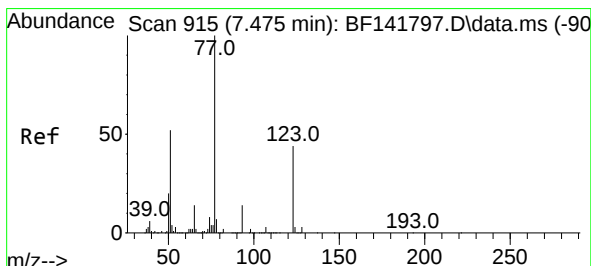
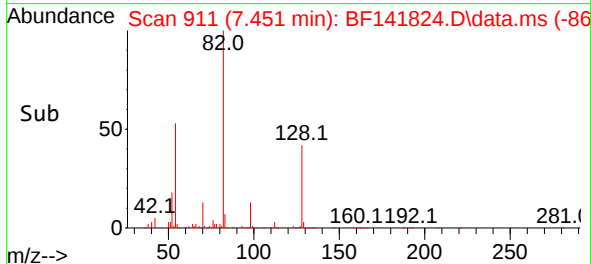
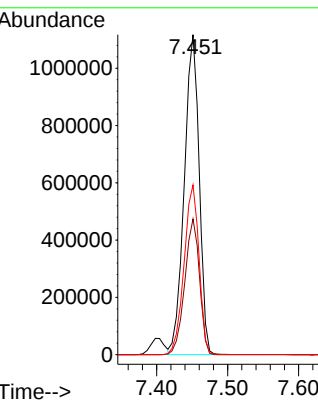
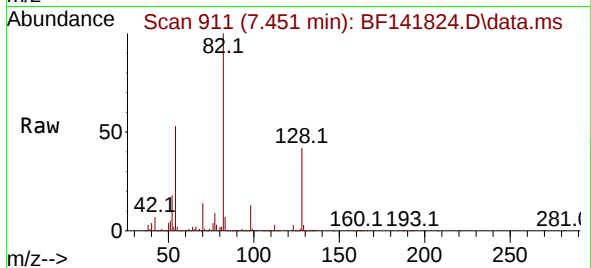
54 53.0 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#24

Nitrobenzene

Concen: 42.688 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF141824.D

Acq: 04 Mar 2025 13:46

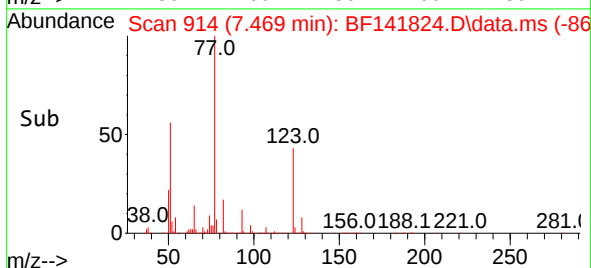
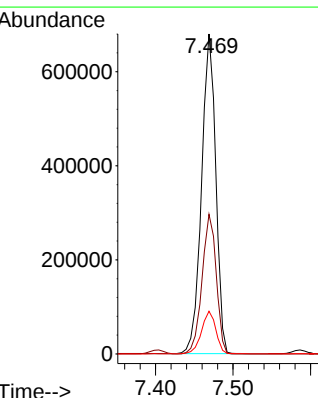
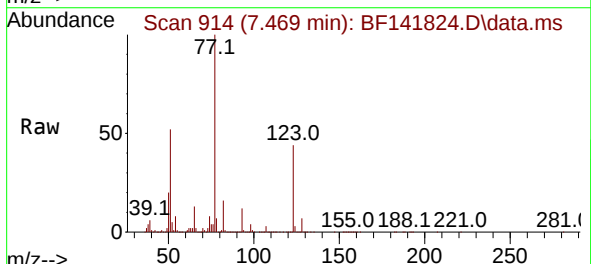
Tgt Ion: 77 Resp: 868977

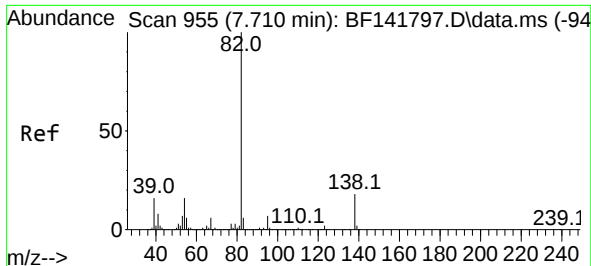
Ion Ratio Lower Upper

77 100

123 43.6 35.8 53.8

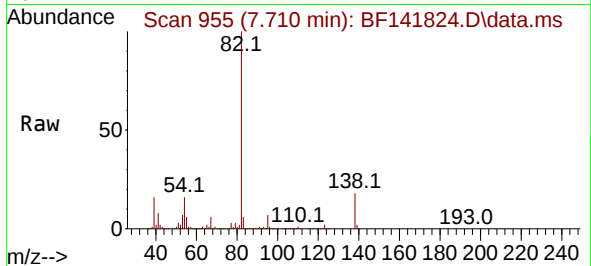
65 13.4 11.2 16.8





#25  
Isophorone  
Concen: 38.485 ng  
RT: 7.710 min Scan# 955  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

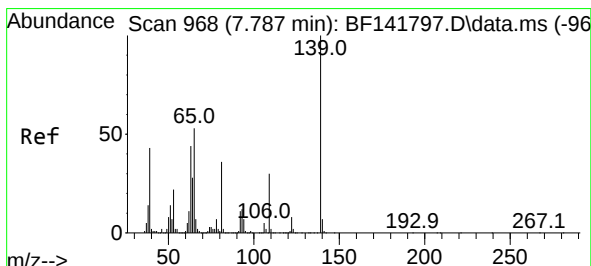
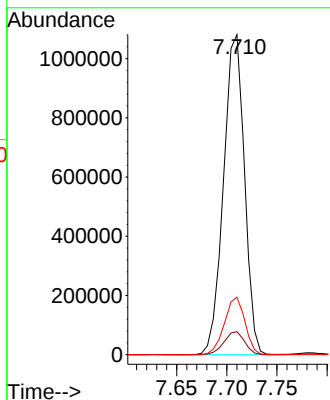
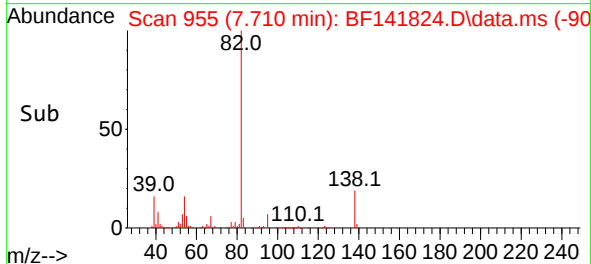
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



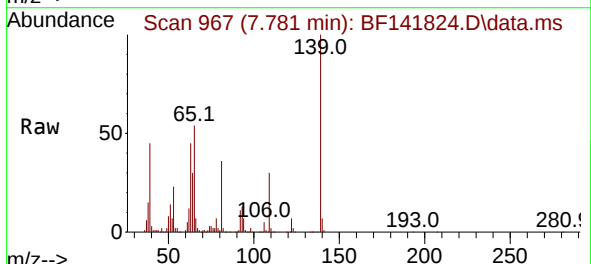
Tgt Ion: 82 Resp: 157168  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.8  
138 17.9 14.0 21.0

Manual Integrations  
APPROVED

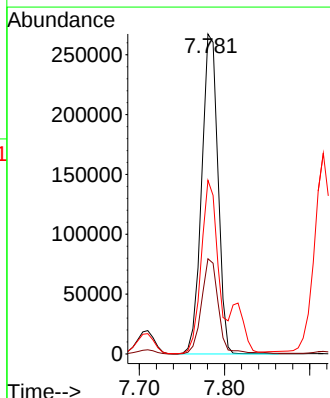
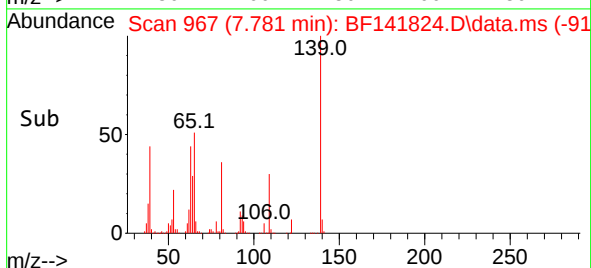
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

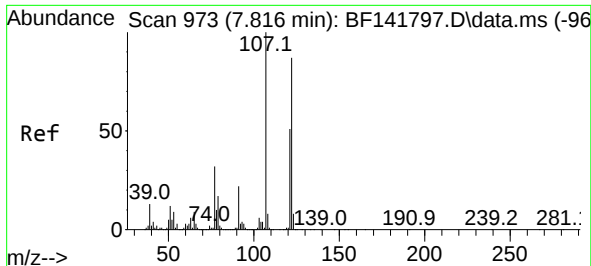


#26  
2-Nitrophenol  
Concen: 39.806 ng  
RT: 7.781 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



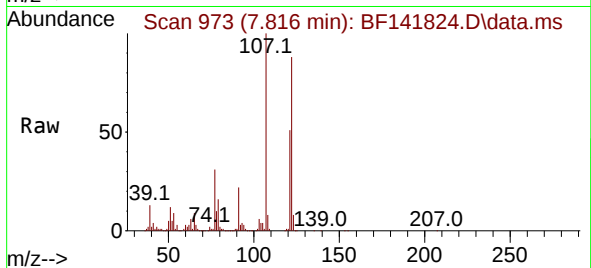
Tgt Ion:139 Resp: 354182  
Ion Ratio Lower Upper  
139 100  
109 29.8 24.1 36.1  
65 54.2 42.3 63.5





#27  
2,4-Dimethylphenol  
Concen: 39.670 ng  
RT: 7.816 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

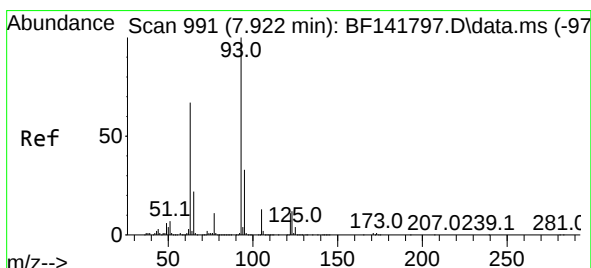
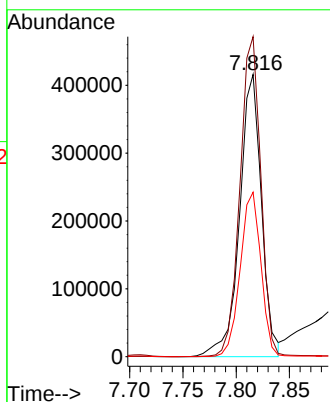
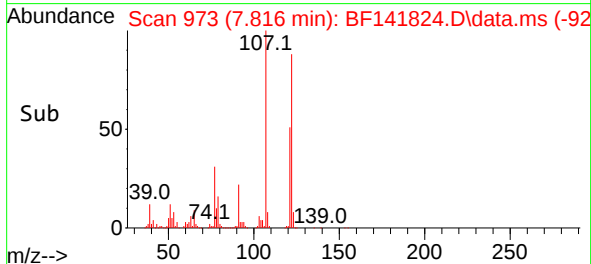
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



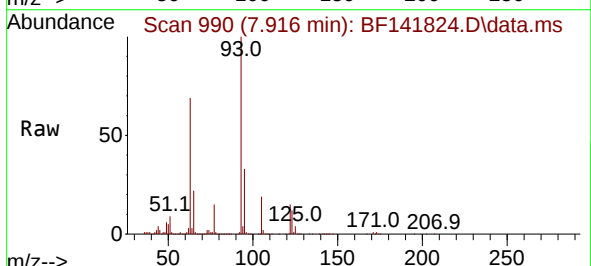
Tgt Ion:122 Resp: 595528  
Ion Ratio Lower Upper  
122 100  
107 113.4 92.5 138.7  
121 58.3 47.1 70.7

Manual Integrations  
APPROVED

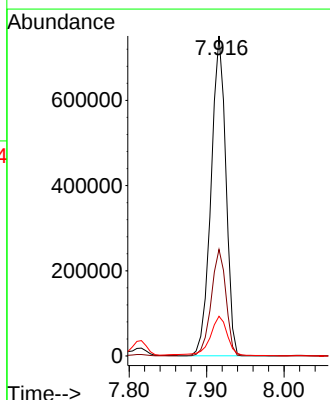
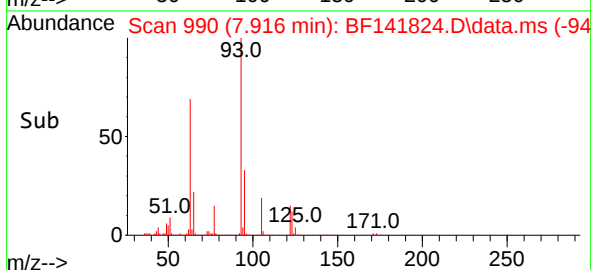
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

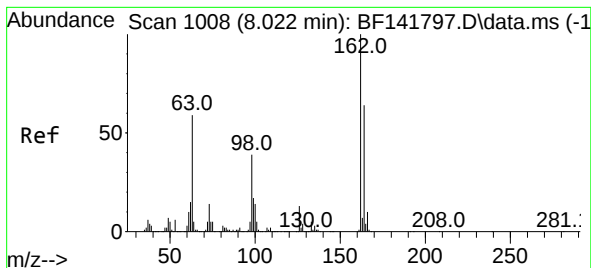


#28  
bis(2-Chloroethoxy)methane  
Concen: 38.187 ng  
RT: 7.916 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



Tgt Ion: 93 Resp: 994830  
Ion Ratio Lower Upper  
93 100  
95 33.3 26.5 39.7  
123 12.4 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 40.674 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BF141824.D

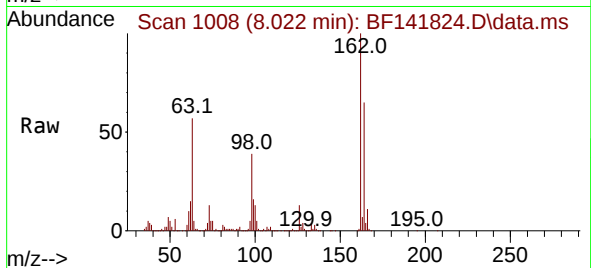
Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 70441

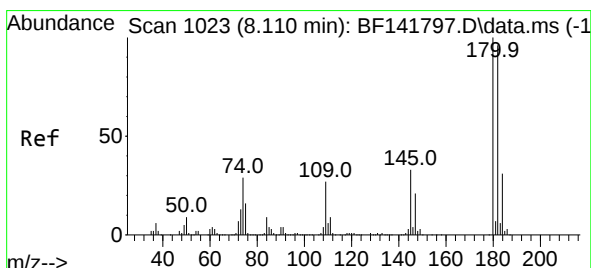
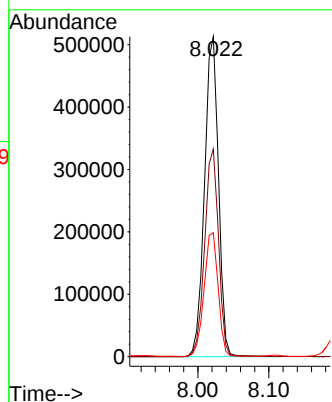
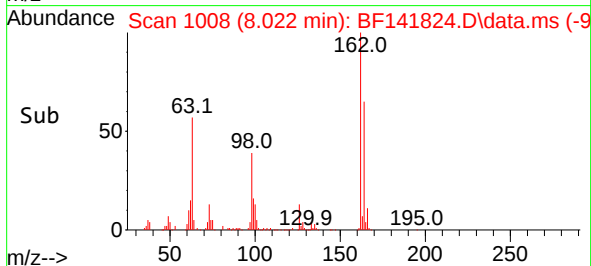
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 64.9  | 44.3  | 84.3  |
| 98  | 38.7  | 19.6  | 59.6  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#30

1,2,4-Trichlorobenzene

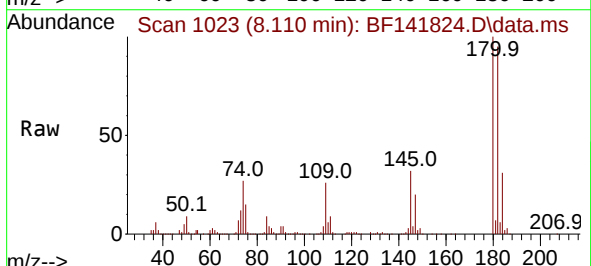
Concen: 40.151 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

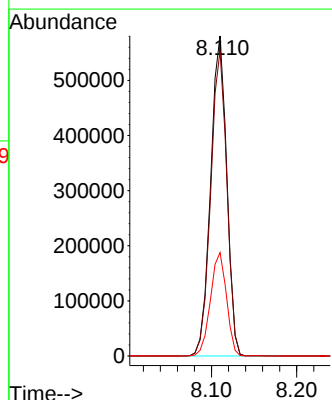
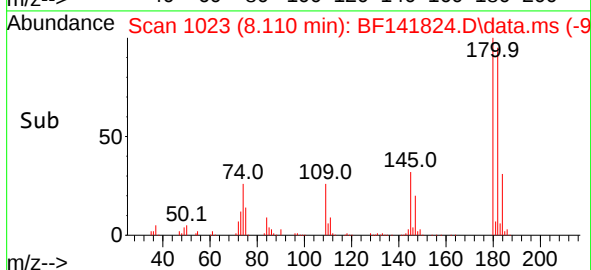
Lab File: BF141824.D

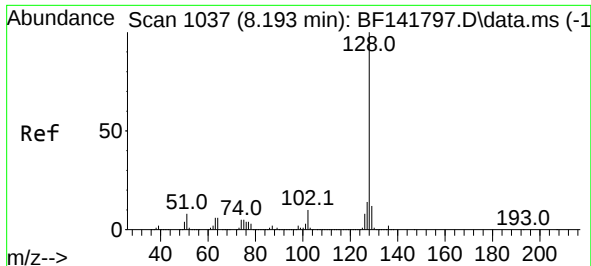
Acq: 04 Mar 2025 13:46



Tgt Ion:180 Resp: 761970

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.4  | 76.8  | 115.2 |
| 145 | 32.3  | 26.4  | 39.6  |





#31  
Naphthalene  
Concen: 39.335 ng  
RT: 8.192 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

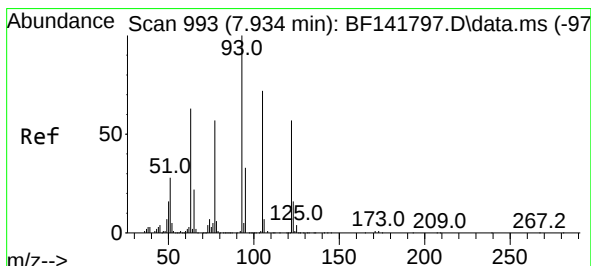
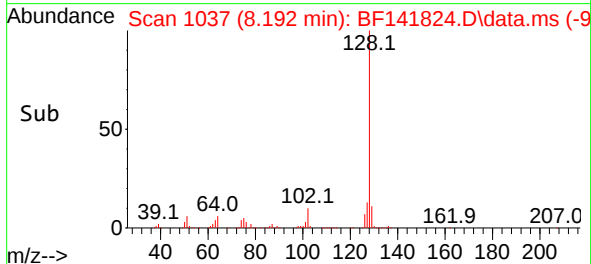
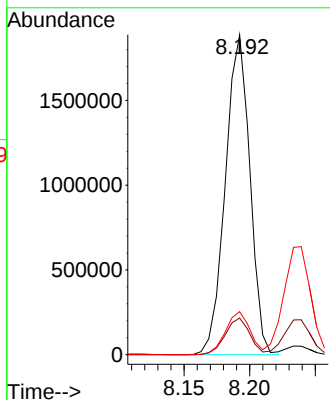
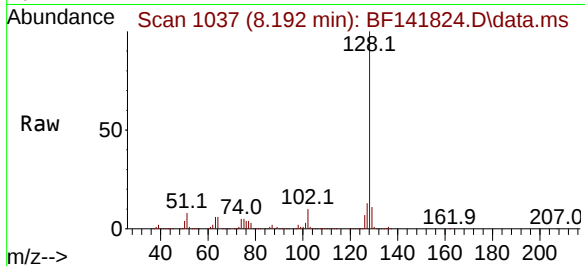
SSTDCCC040

Tgt Ion:128 Resp: 2456478  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.2 13.8  
127 13.5 11.0 16.4

Manual Integrations

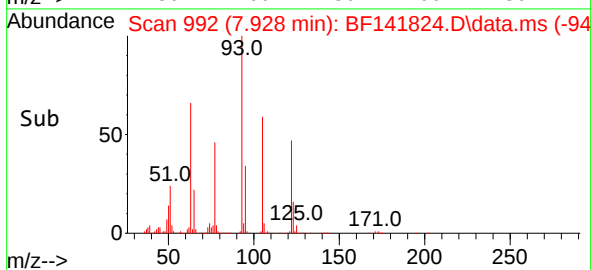
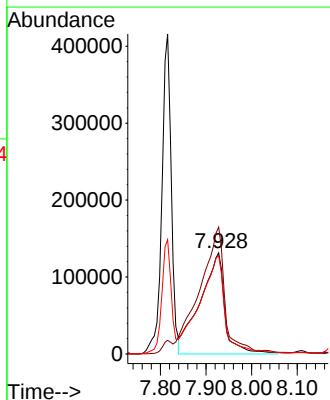
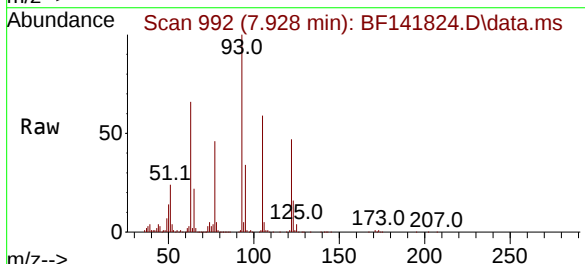
APPROVED

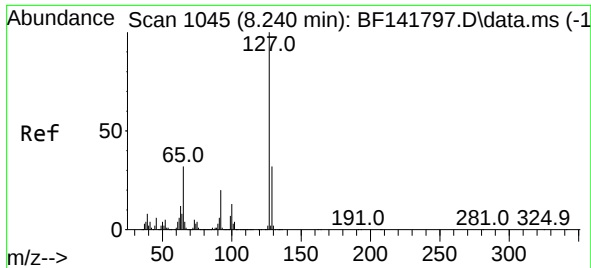
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#32  
Benzoic acid  
Concen: 41.068 ng m  
RT: 7.928 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Tgt Ion:122 Resp: 498003  
Ion Ratio Lower Upper  
122 100  
105 125.4 105.8 145.8  
77 97.3 79.9 119.9





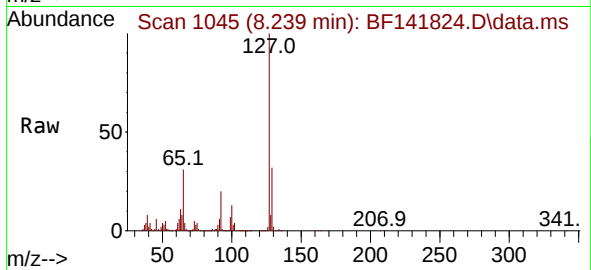
#33  
4-Chloroaniline  
Concen: 40.039 ng  
RT: 8.239 min Scan# 1045  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

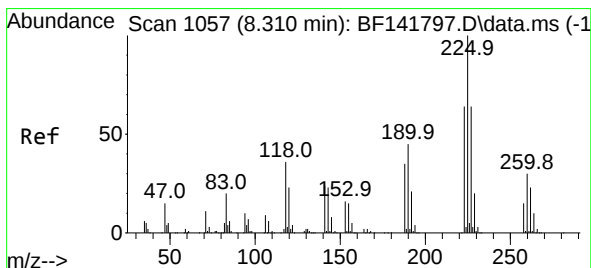
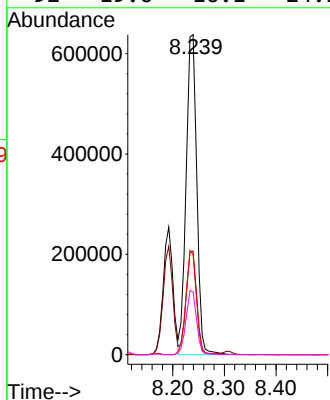
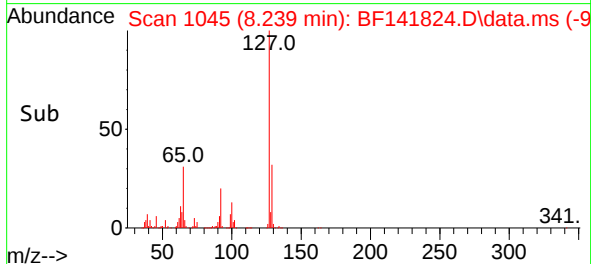


Tgt Ion:127 Resp: 916818  
Ion Ratio Lower Upper  
127 100  
129 32.3 26.1 39.1  
65 31.4 25.7 38.5  
92 19.6 16.1 24.1

Manual Integrations

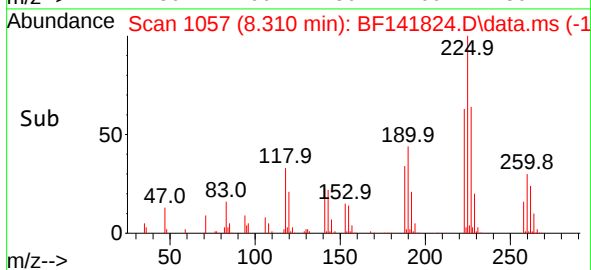
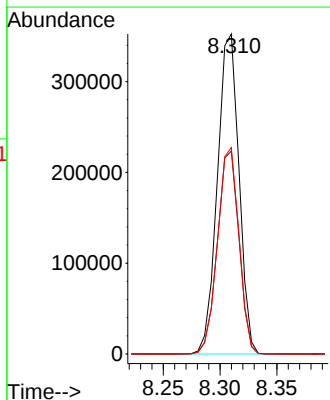
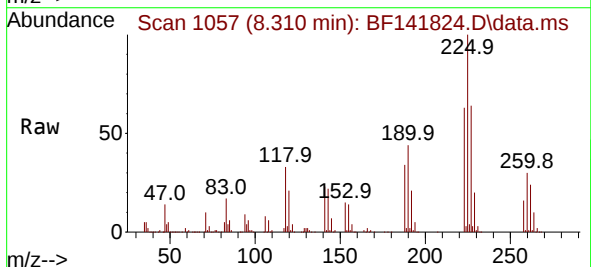
APPROVED

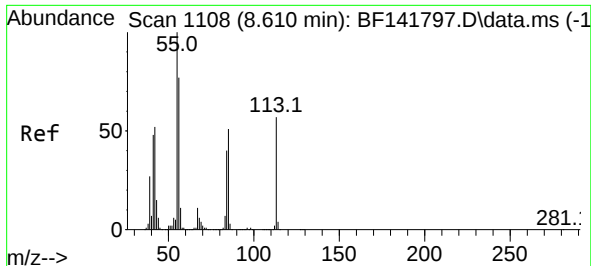
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#34  
Hexachlorobutadiene  
Concen: 39.464 ng  
RT: 8.310 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

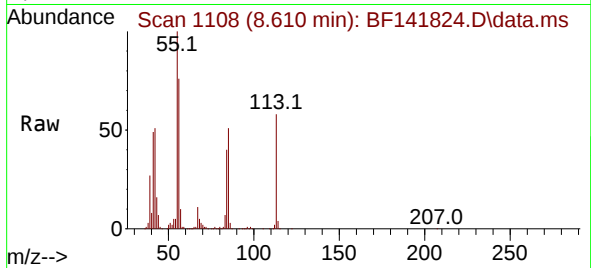
Tgt Ion:225 Resp: 465387  
Ion Ratio Lower Upper  
225 100  
223 63.4 51.4 77.2  
227 64.5 51.6 77.4





#35  
Caprolactam  
Concen: 41.211 ng  
RT: 8.610 min Scan# 1108  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

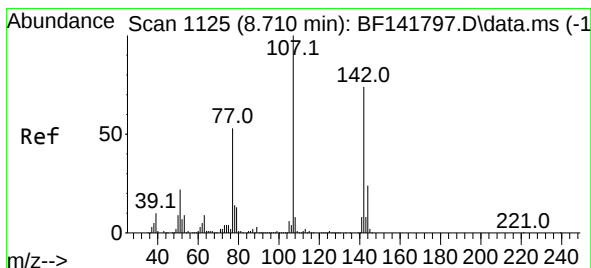
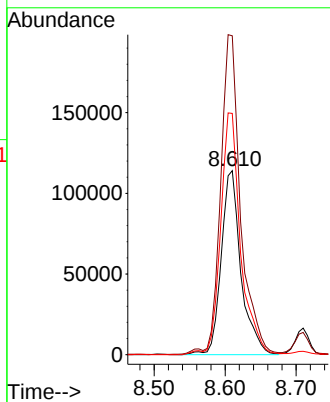
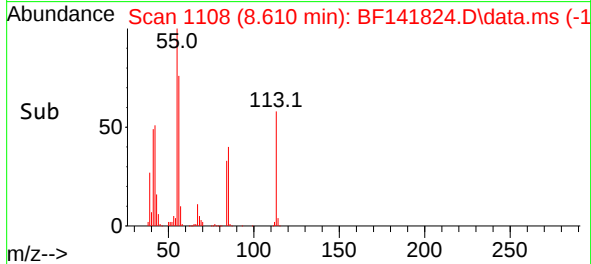
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 219561  
Ion Ratio Lower Upper  
113 100  
55 173.3 155.6 195.6  
56 131.1 114.6 154.6

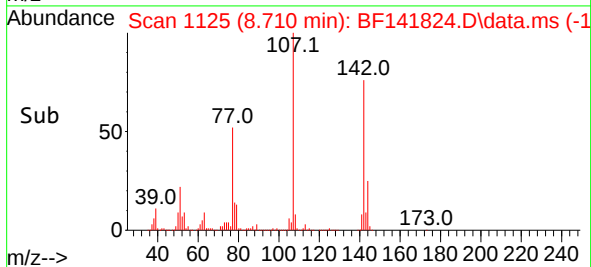
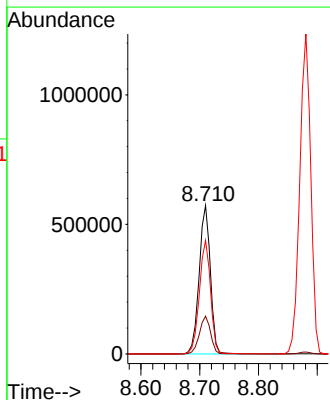
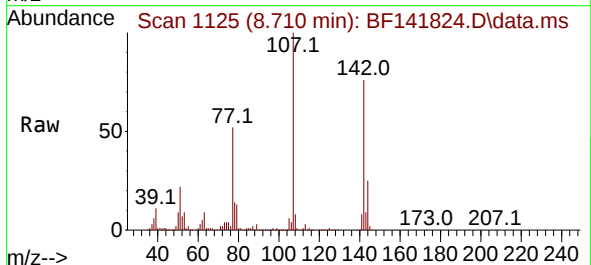
Manual Integrations  
APPROVED

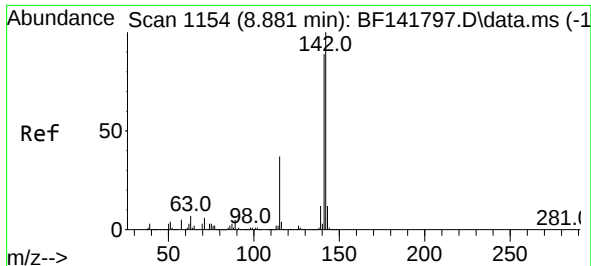
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#36  
4-Chloro-3-methylphenol  
Concen: 39.647 ng  
RT: 8.710 min Scan# 1125  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

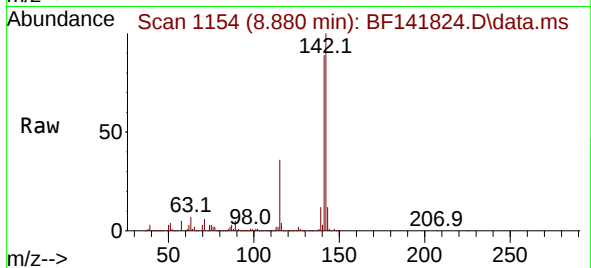
Tgt Ion:107 Resp: 762761  
Ion Ratio Lower Upper  
107 100  
144 25.5 19.4 29.0  
142 76.5 59.4 89.0





#37  
2-Methylnaphthalene  
Concen: 39.052 ng  
RT: 8.880 min Scan# 1154  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

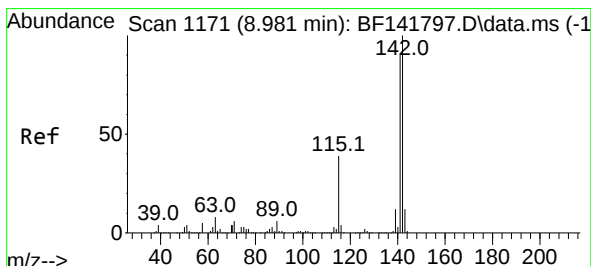
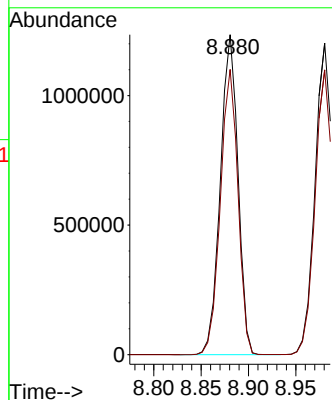
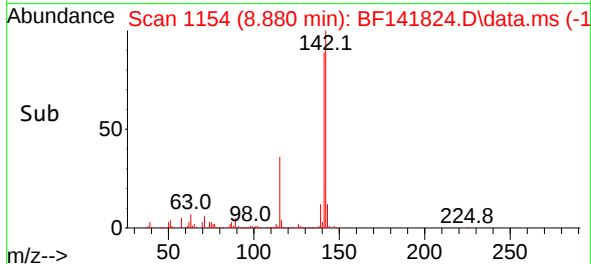
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:142 Resp: 1599675  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.1 106.7

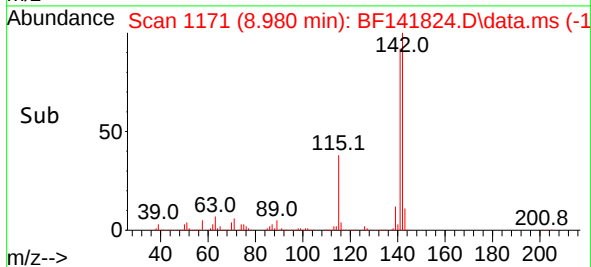
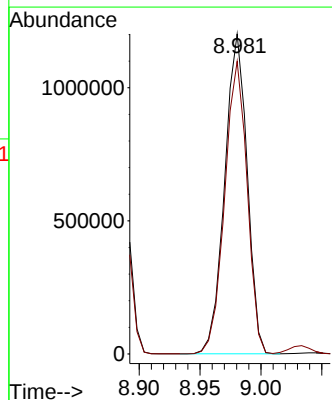
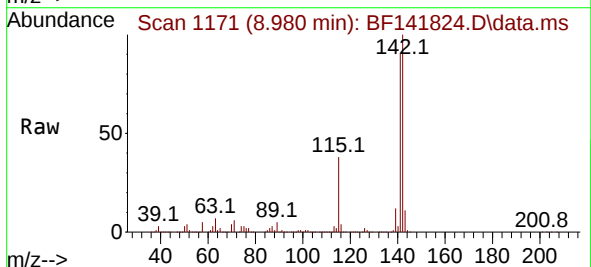
Manual Integrations  
APPROVED

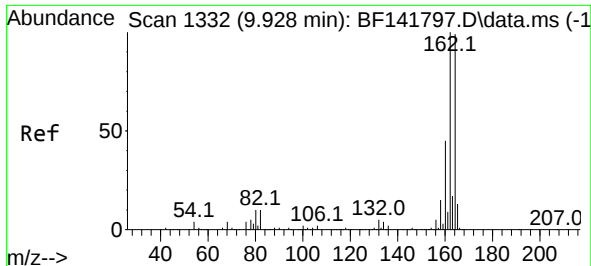
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#38  
1-Methylnaphthalene  
Concen: 39.346 ng  
RT: 8.980 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

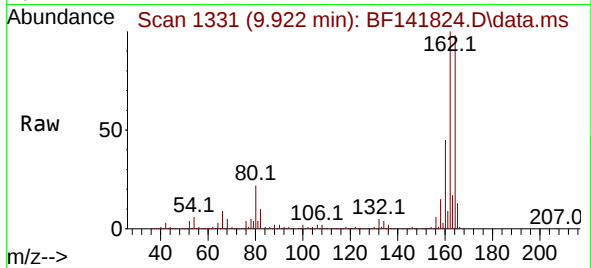
Tgt Ion:142 Resp: 1546452  
Ion Ratio Lower Upper  
142 100  
141 91.4 73.1 109.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1182  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

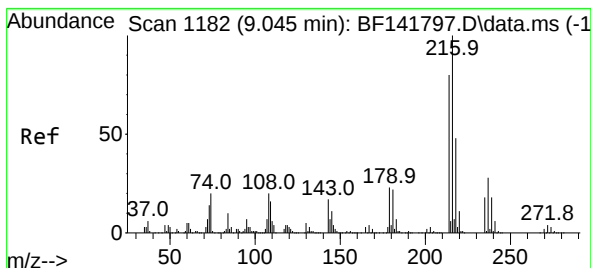
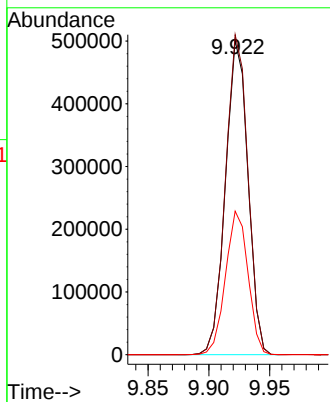
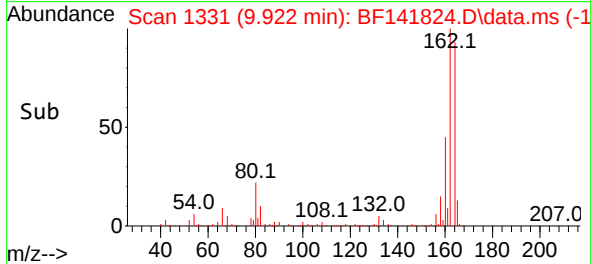
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:164 Resp: 645310  
Ion Ratio Lower Upper  
164 100  
162 101.9 80.6 120.8  
160 45.7 36.3 54.5

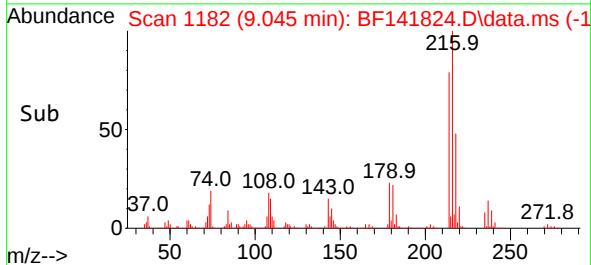
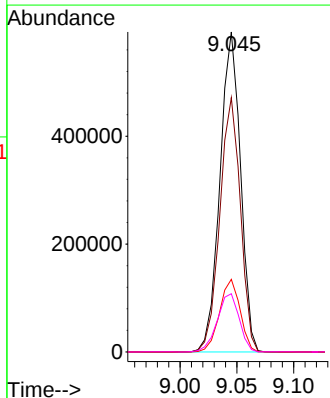
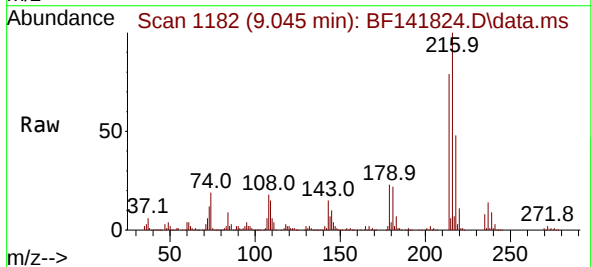
Manual Integrations  
APPROVED

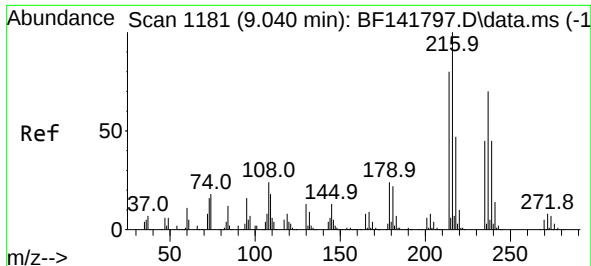
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.083 ng  
RT: 9.045 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

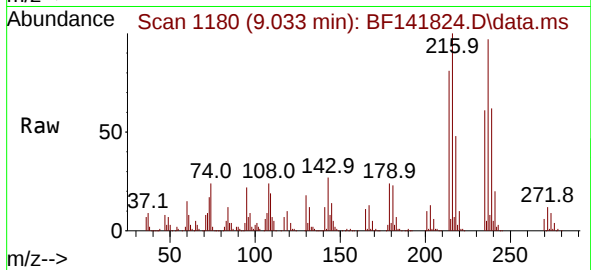
Tgt Ion:216 Resp: 747040  
Ion Ratio Lower Upper  
216 100  
214 79.4 63.5 95.3  
179 22.7 18.1 27.1  
108 19.5 16.4 24.6





#41  
Hexachlorocyclopentadiene  
Concen: 39.707 ng  
RT: 9.033 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

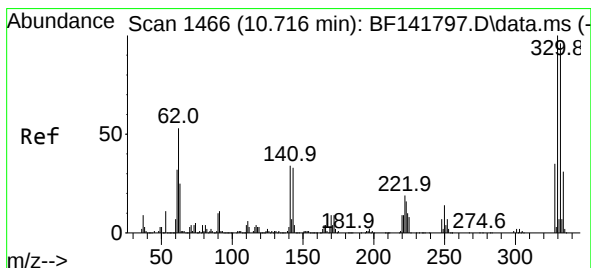
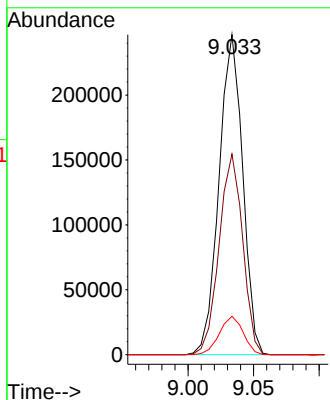
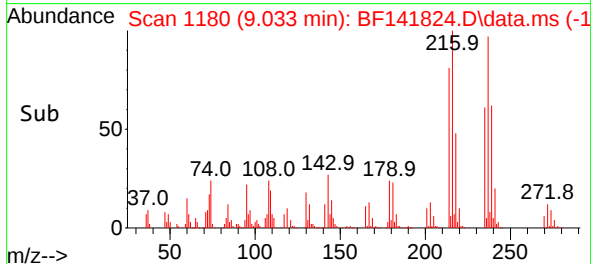
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



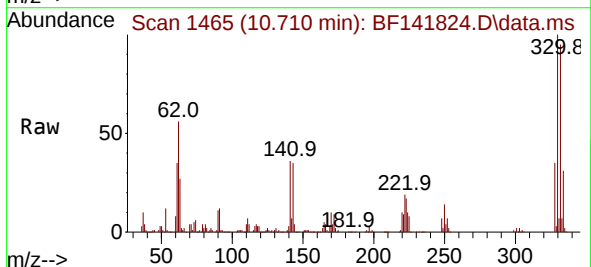
Tgt Ion:237 Resp: 308834  
Ion Ratio Lower Upper  
237 100  
235 62.7 43.3 83.3  
272 12.0 0.0 31.9

Manual Integrations  
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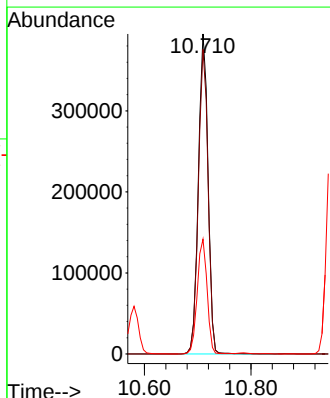
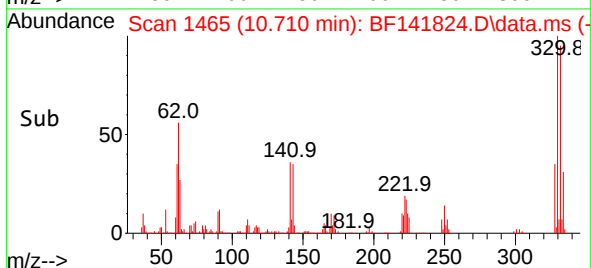
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

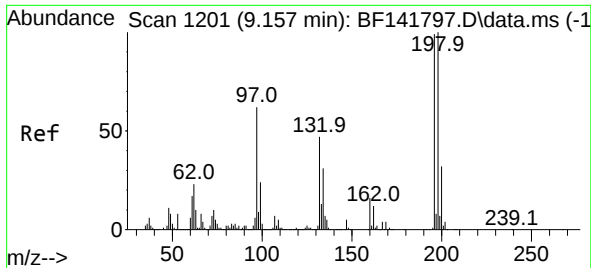


#42  
2,4,6-Tribromophenol  
Concen: 81.938 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



Tgt Ion:330 Resp: 496406  
Ion Ratio Lower Upper  
330 100  
332 95.3 76.6 115.0  
141 36.4 29.0 43.4





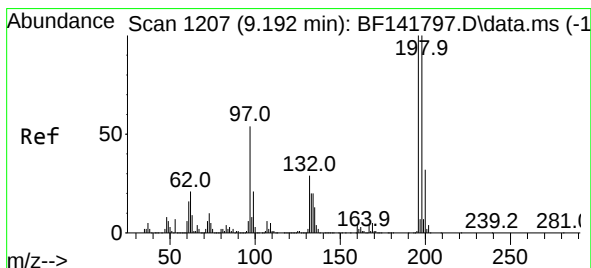
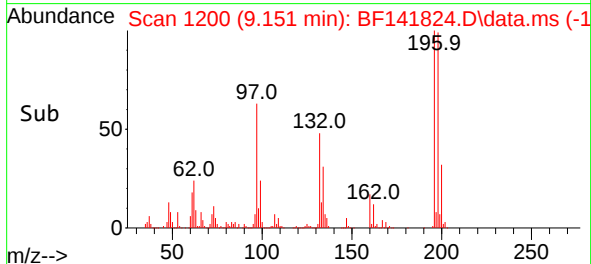
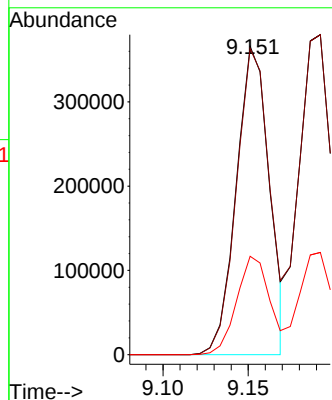
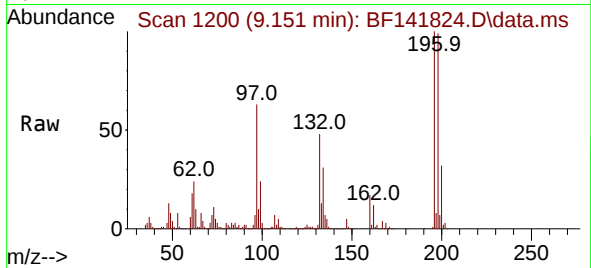
#43  
2,4,6-Trichlorophenol  
Concen: 40.905 ng  
RT: 9.151 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:196 Resp: 492450  
Ion Ratio Lower Upper  
196 100  
198 99.2 80.4 120.6  
200 31.9 25.7 38.5

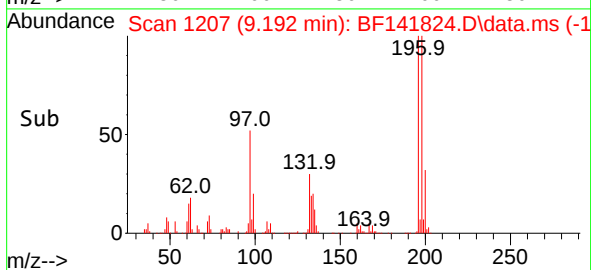
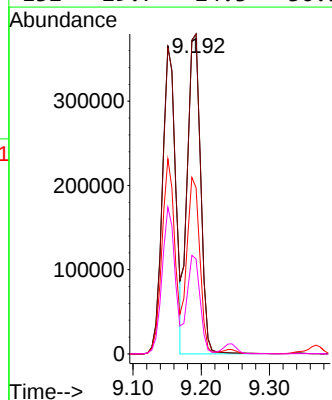
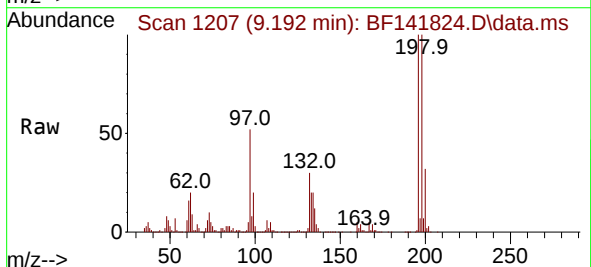
Manual Integrations  
APPROVED

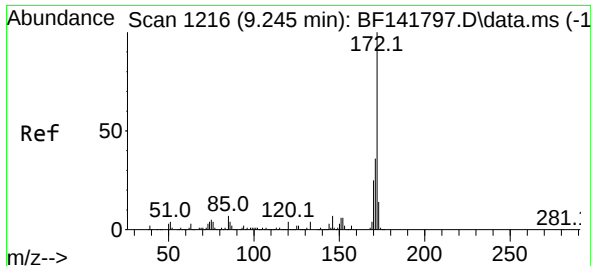
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#44  
2,4,5-Trichlorophenol  
Concen: 42.885 ng  
RT: 9.192 min Scan# 1207  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Tgt Ion:196 Resp: 511248  
Ion Ratio Lower Upper  
196 100  
198 100.0 79.7 119.5  
97 52.0 44.2 66.2  
132 29.7 24.3 36.5





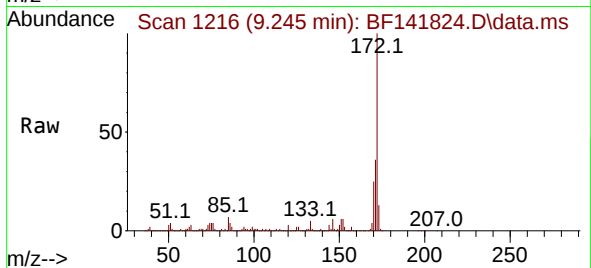
#45  
2-Fluorobiphenyl  
Concen: 78.044 ng  
RT: 9.245 min Scan# 1216  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

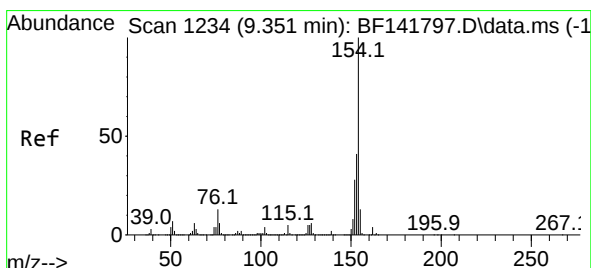
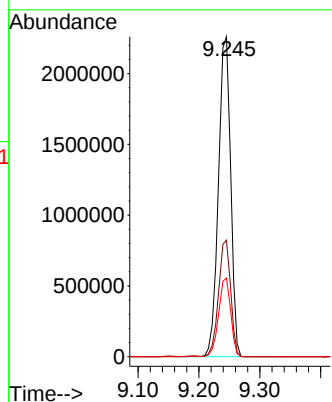
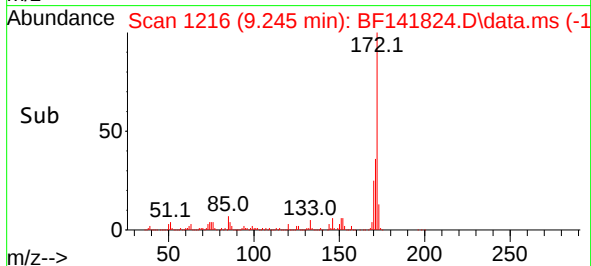


Tgt Ion:172 Resp: 314087  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.2 43.8  
170 24.6 19.7 29.5

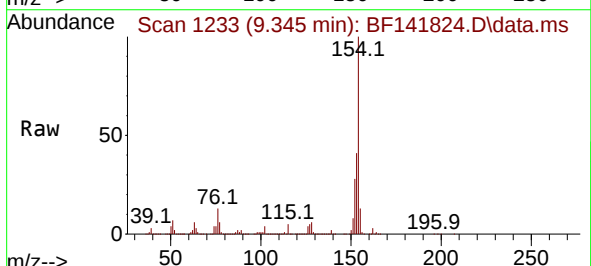
Manual Integrations

APPROVED

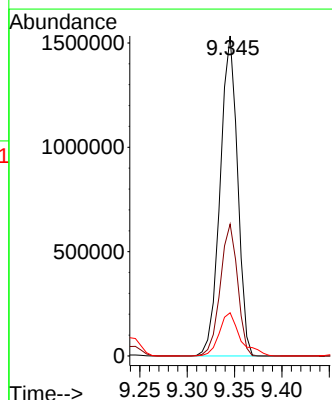
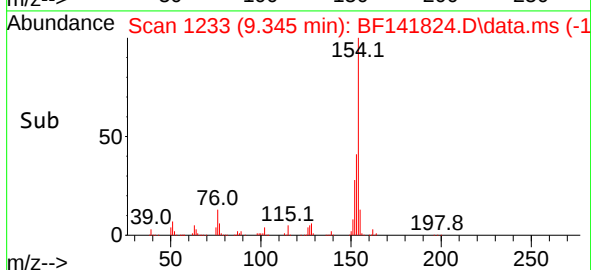
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

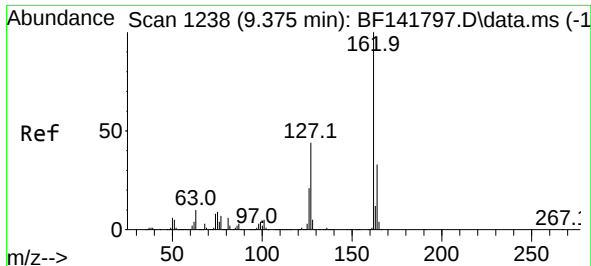


#46  
1,1'-Biphenyl  
Concen: 39.974 ng  
RT: 9.345 min Scan# 1233  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



Tgt Ion:154 Resp: 1963437  
Ion Ratio Lower Upper  
154 100  
153 41.2 21.4 61.4  
76 13.5 0.0 33.4





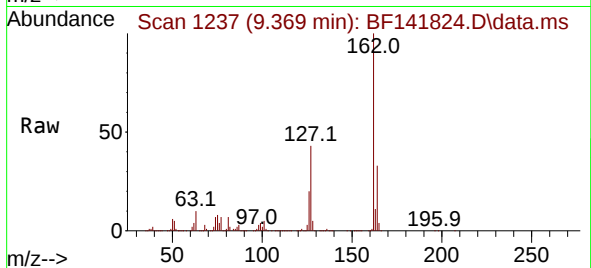
#47  
2-Chloronaphthalene  
Concen: 40.506 ng  
RT: 9.369 min Scan# 1238  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

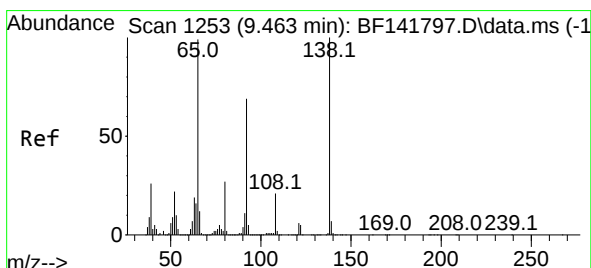
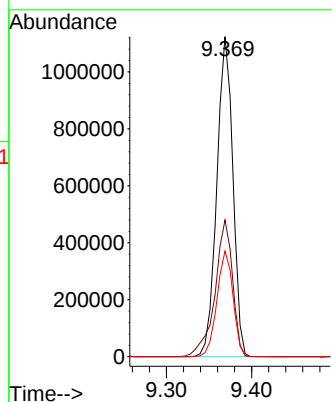
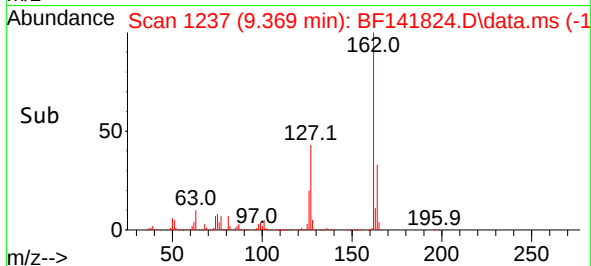


Tgt Ion:162 Resp: 1468474  
Ion Ratio Lower Upper  
162 100  
127 42.7 35.0 52.6  
164 33.0 26.6 40.0

Manual Integrations

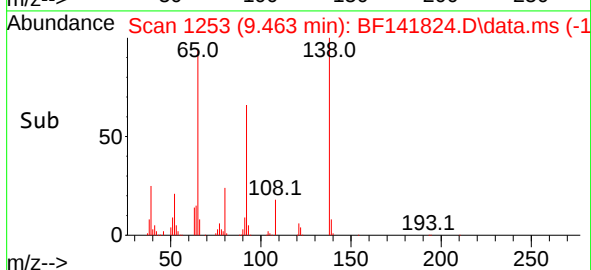
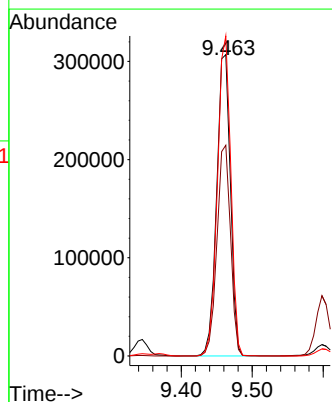
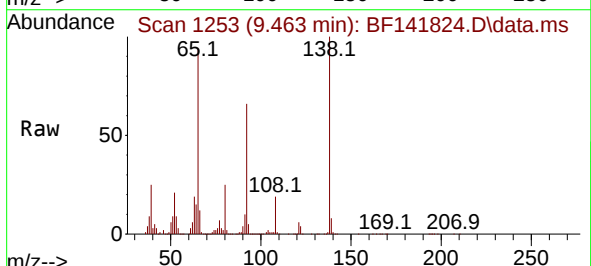
APPROVED

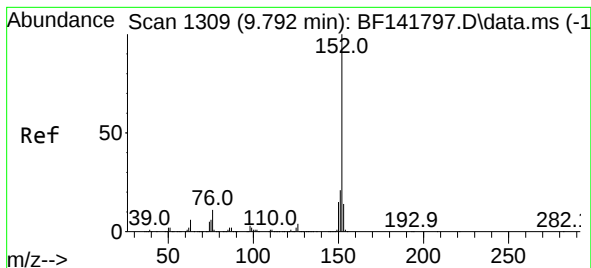
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#48  
2-Nitroaniline  
Concen: 42.073 ng  
RT: 9.463 min Scan# 1253  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Tgt Ion: 65 Resp: 411664  
Ion Ratio Lower Upper  
65 100  
92 70.0 55.7 83.5  
138 106.2 80.6 121.0





#49

Acenaphthylene

Concen: 40.140 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141824.D

Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 2181808

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

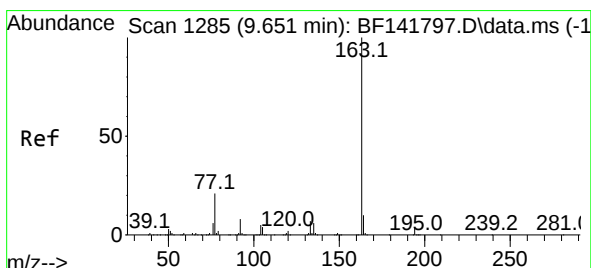
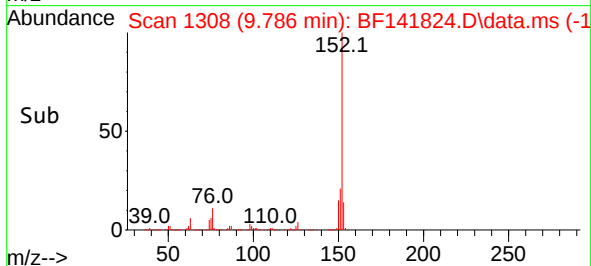
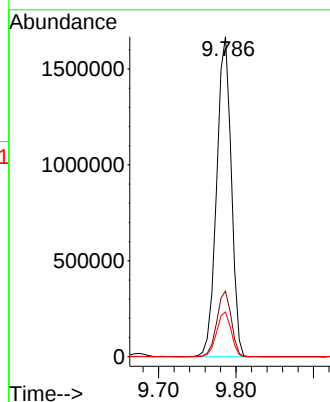
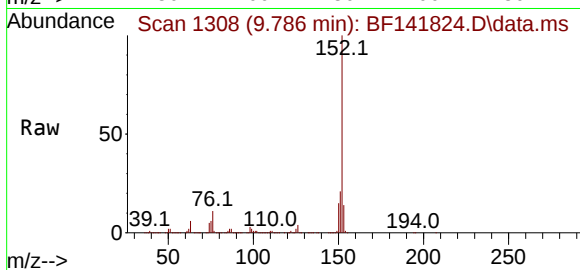
153 14.0 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#50

Dimethylphthalate

Concen: 38.918 ng

RT: 9.645 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF141824.D

Acq: 04 Mar 2025 13:46

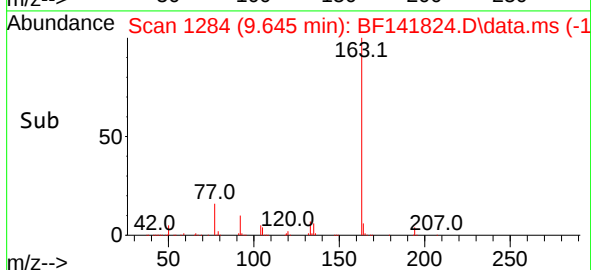
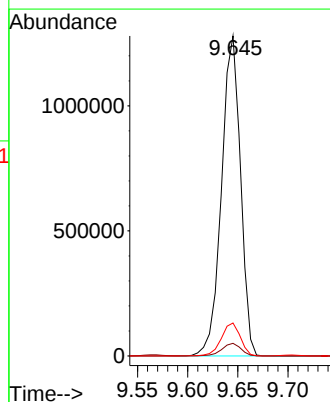
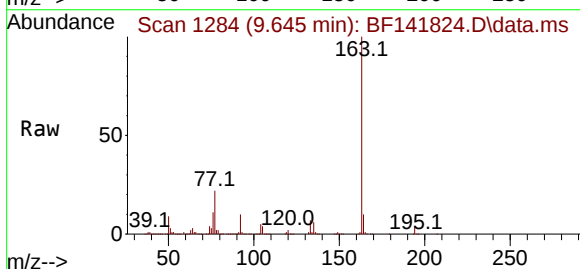
Tgt Ion:163 Resp: 1681847

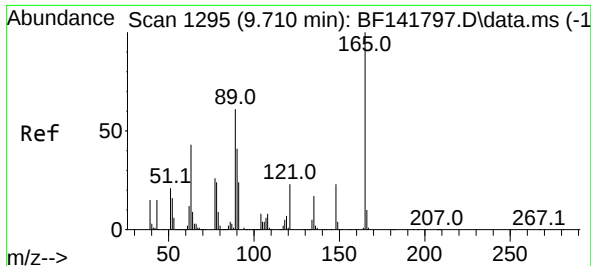
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

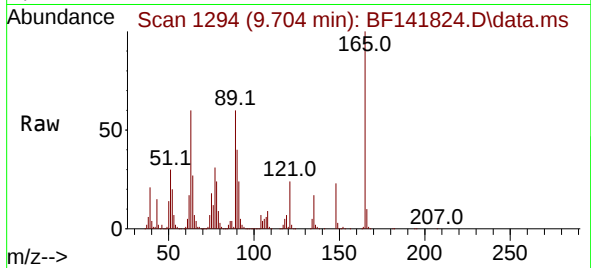
164 10.3 8.4 12.6





#51  
2,6-Dinitrotoluene  
Concen: 41.050 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

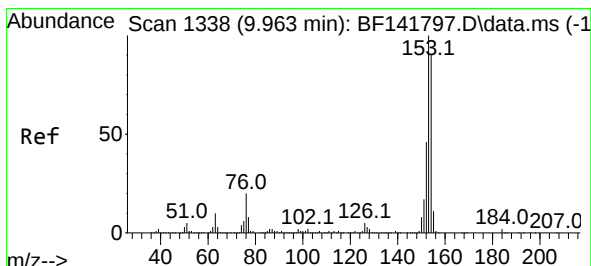
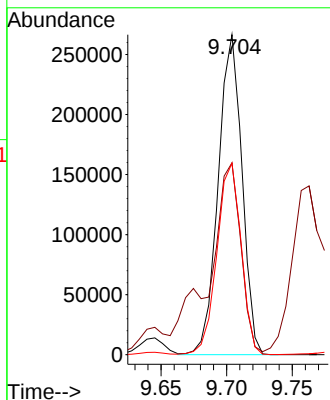
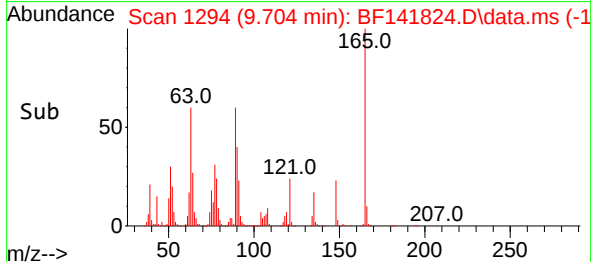
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



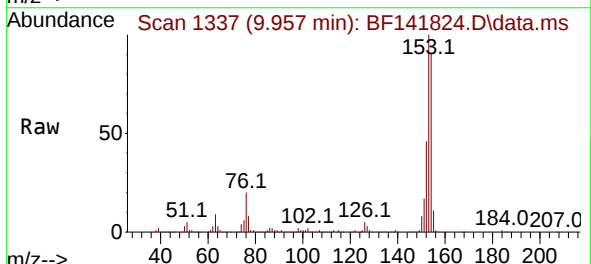
Tgt Ion:165 Resp: 335762  
Ion Ratio Lower Upper  
165 100  
63 59.9 49.5 74.3  
89 59.8 49.0 73.4

Manual Integrations  
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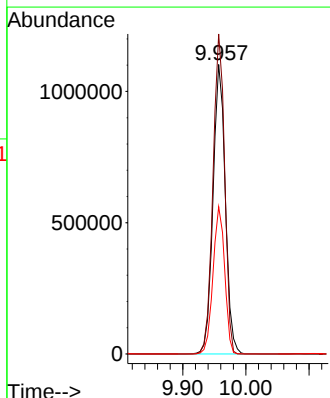
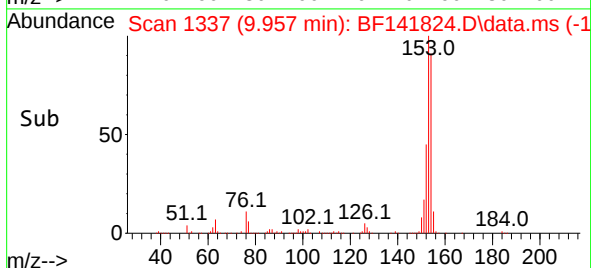
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

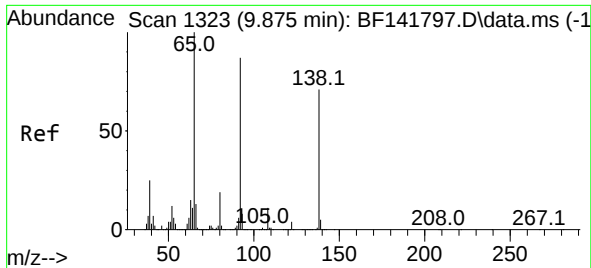


#52  
Acenaphthene  
Concen: 40.580 ng  
RT: 9.957 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



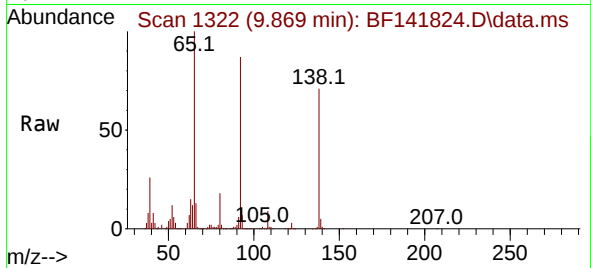
Tgt Ion:154 Resp: 1488313  
Ion Ratio Lower Upper  
154 100  
153 110.5 88.7 133.1  
152 50.9 40.9 61.3





#53  
3-Nitroaniline  
Concen: 42.742 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

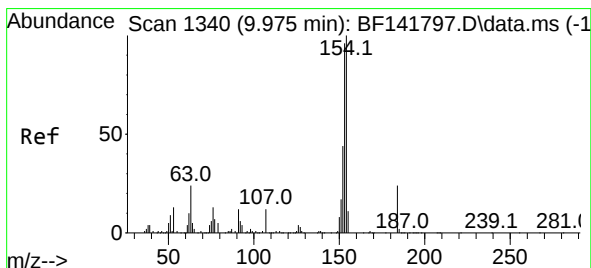
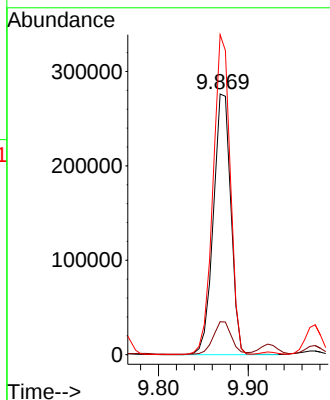
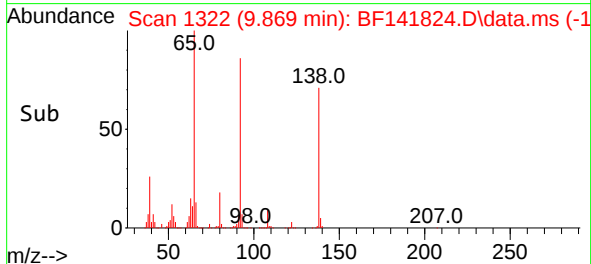
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



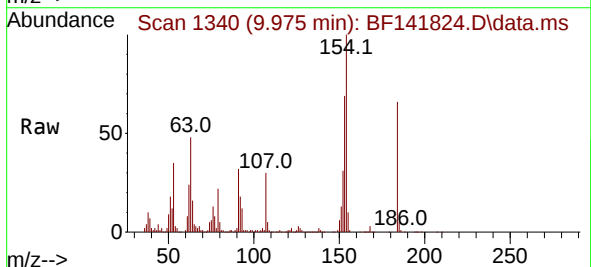
Tgt Ion:138 Resp: 373329  
Ion Ratio Lower Upper  
138 100  
108 12.7 12.7 19.1#  
92 122.8 97.9 146.9

Manual Integrations  
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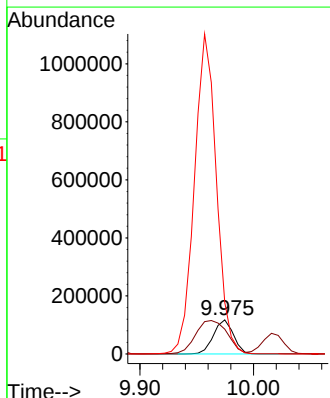
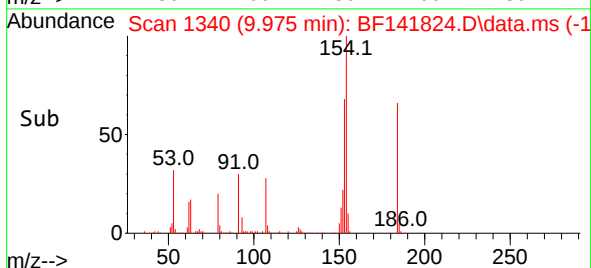
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

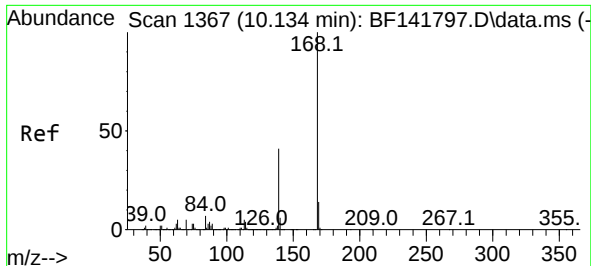


#54  
2,4-Dinitrophenol  
Concen: 45.715 ng  
RT: 9.975 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



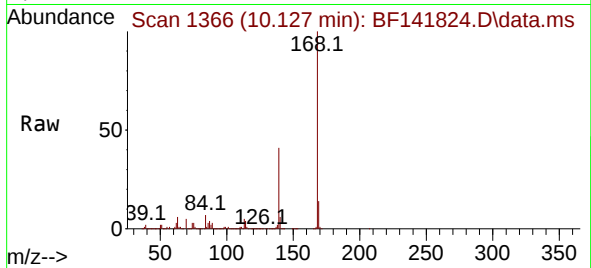
Tgt Ion:184 Resp: 143536  
Ion Ratio Lower Upper  
184 100  
63 73.0 79.0 118.6#  
154 151.4 335.8 503.8#





#55  
Dibenzenofuran  
Concen: 39.582 ng  
RT: 10.127 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

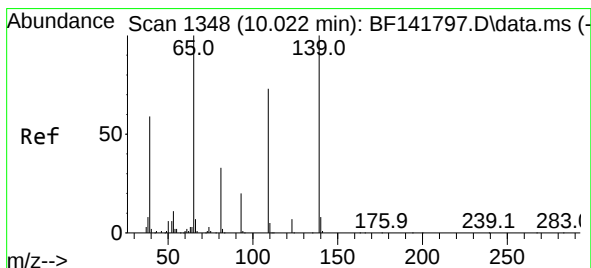
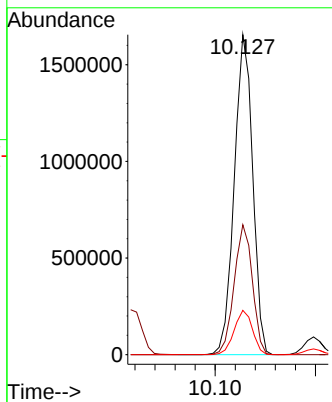
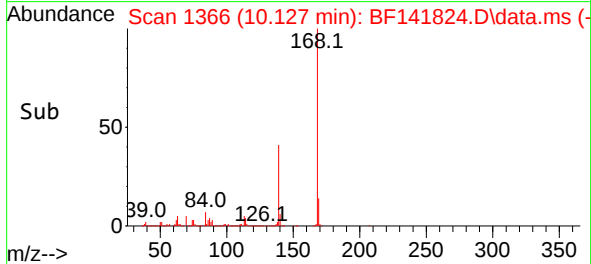
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 2112940  
Ion Ratio Lower Upper  
168 100  
139 40.6 32.9 49.3  
169 13.9 11.1 16.7

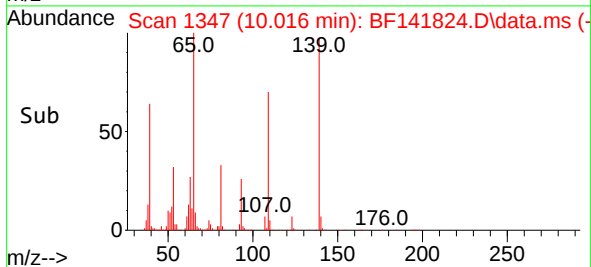
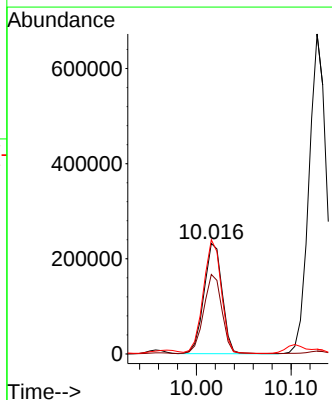
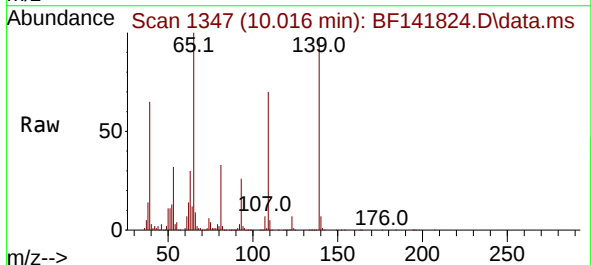
Manual Integrations  
APPROVED

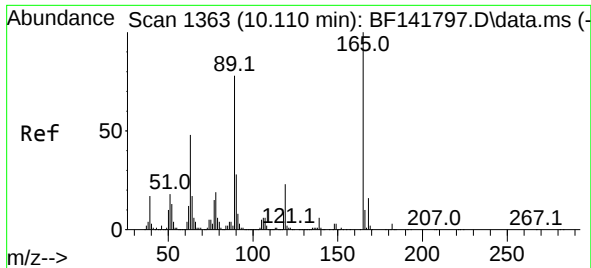
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#56  
4-Nitrophenol  
Concen: 48.445 ng  
RT: 10.016 min Scan# 1347  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Tgt Ion:139 Resp: 309208  
Ion Ratio Lower Upper  
139 100  
109 71.9 53.4 93.4  
65 103.4 82.1 122.1





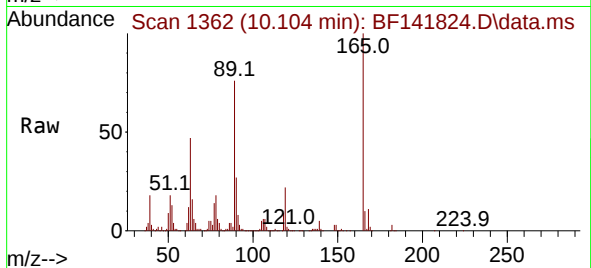
#57  
2,4-Dinitrotoluene  
Concen: 43.117 ng  
RT: 10.104 min Scan# 1362  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

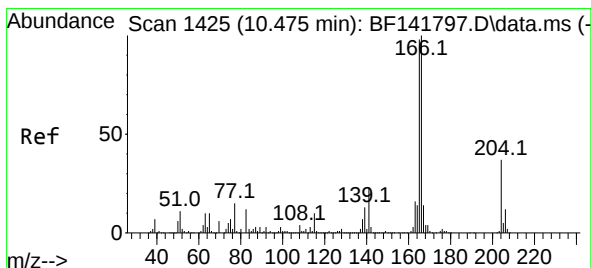
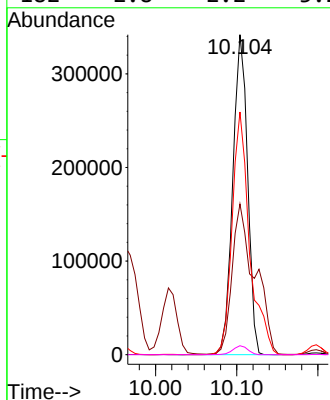
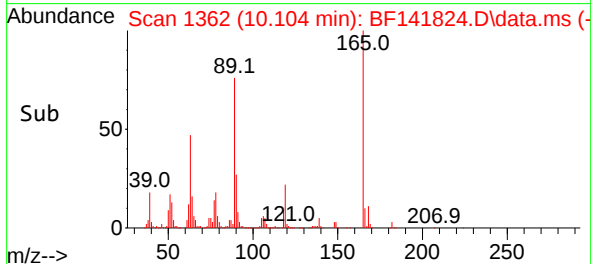


Tgt Ion:165 Resp: 431480  
Ion Ratio Lower Upper  
165 100  
63 47.1 38.8 58.2  
89 75.8 62.6 94.0  
182 2.8 2.2 3.2

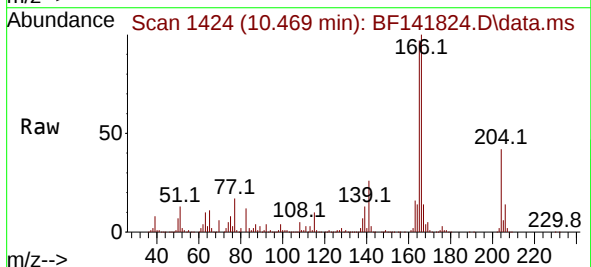
Manual Integrations

APPROVED

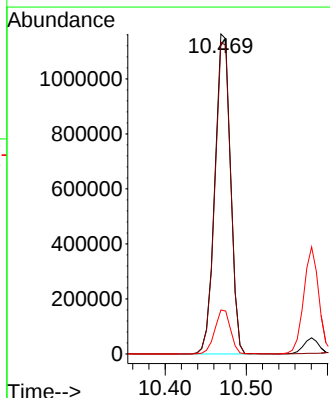
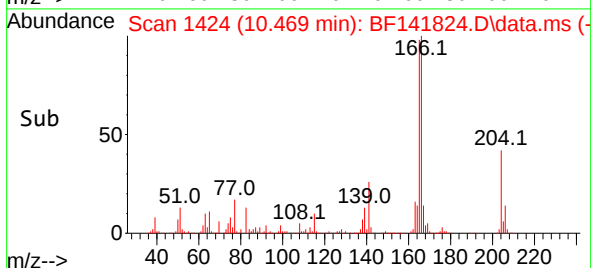
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

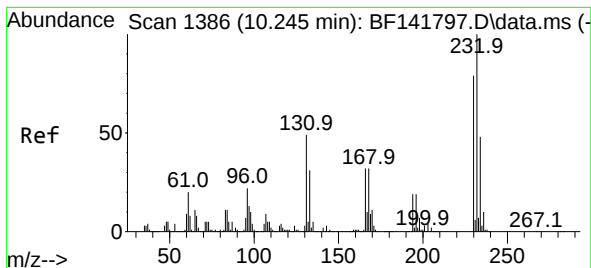


#58  
Fluorene  
Concen: 39.071 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



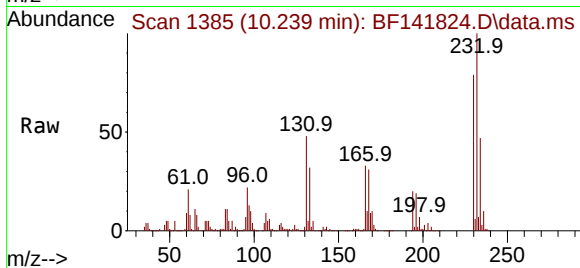
Tgt Ion:166 Resp: 1562291  
Ion Ratio Lower Upper  
166 100  
165 97.4 78.6 117.8  
167 13.8 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.539 ng  
RT: 10.239 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

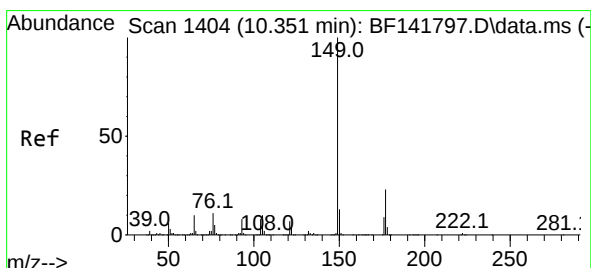
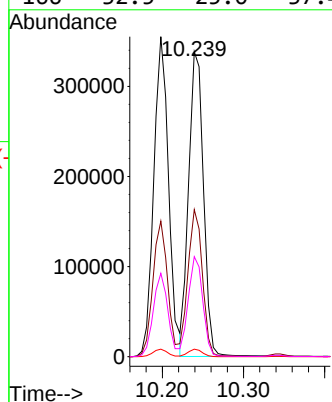
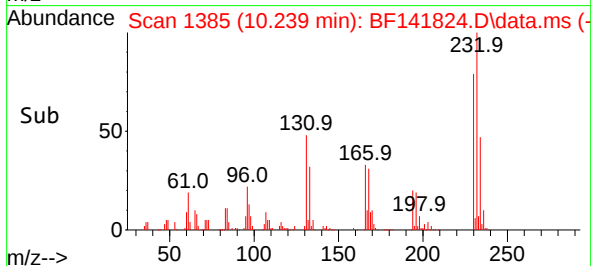
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:232 Resp: 430681  
Ion Ratio Lower Upper  
232 100  
131 48.1 37.8 56.8  
130 2.4 2.0 3.0  
166 32.5 25.0 37.4

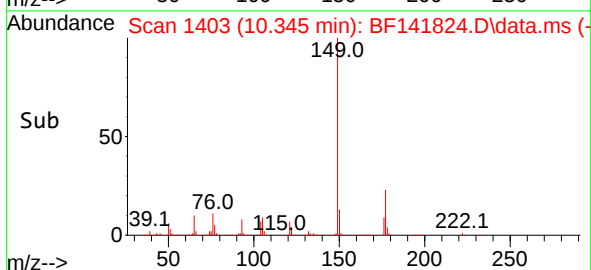
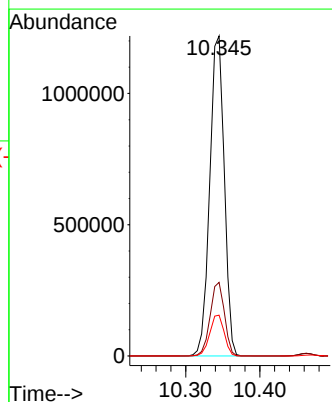
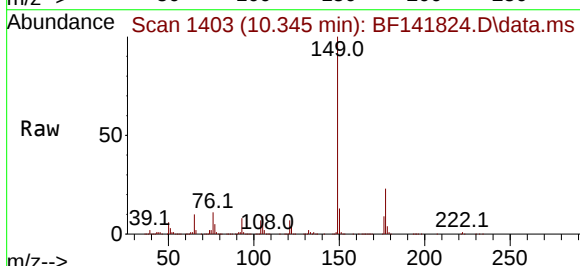
Manual Integrations  
APPROVED

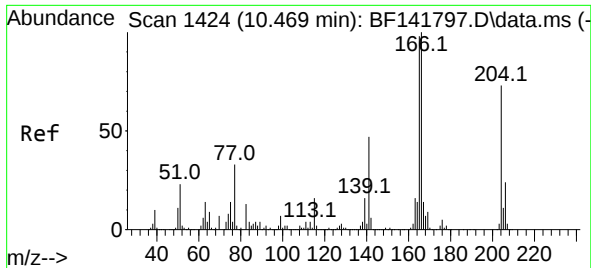
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#60  
Diethylphthalate  
Concen: 38.319 ng  
RT: 10.345 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

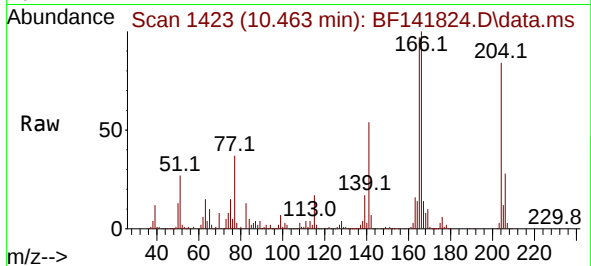
Tgt Ion:149 Resp: 1660083  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.3 27.5  
150 12.8 10.3 15.5





#61  
4-Chlorophenyl-phenylether  
Concen: 38.715 ng  
RT: 10.463 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

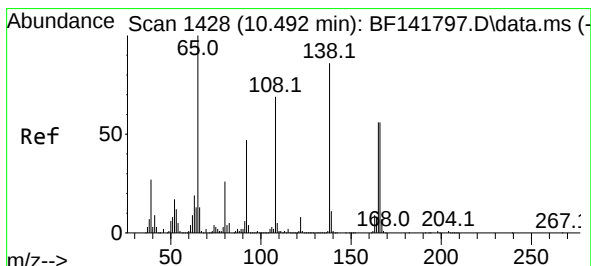
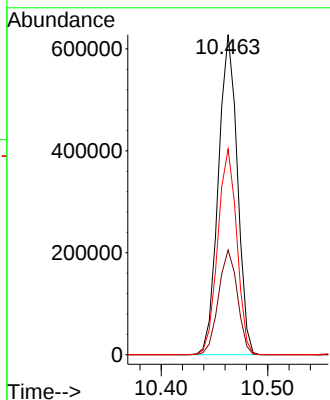
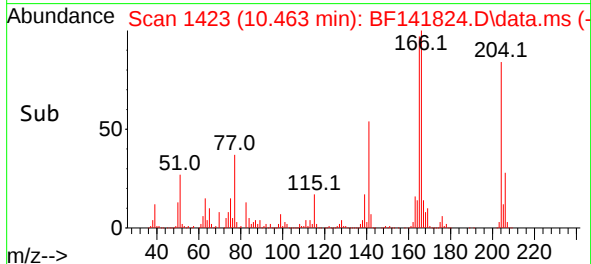
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



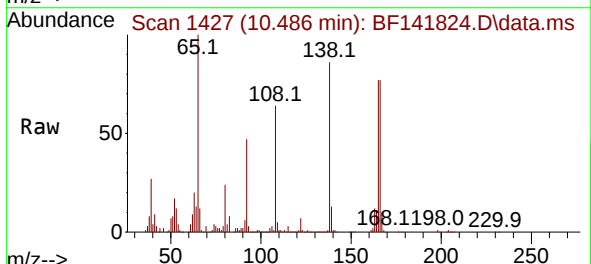
Tgt Ion:204 Resp: 775630  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.2 39.4  
141 64.3 51.7 77.5

Manual Integrations  
APPROVED

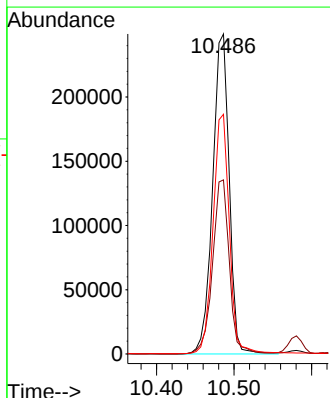
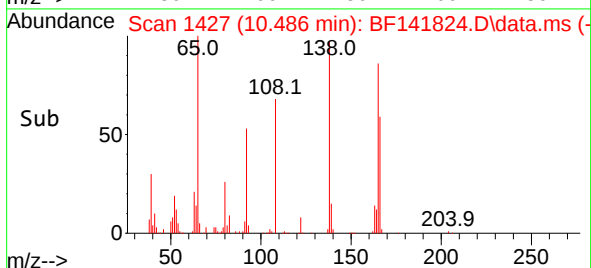
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

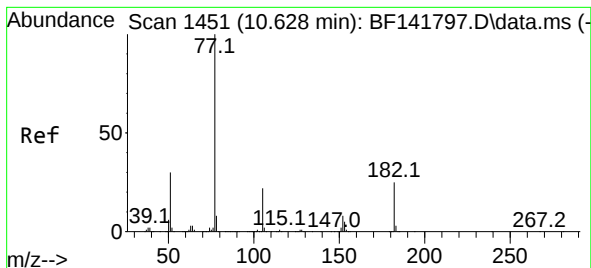


#62  
4-Nitroaniline  
Concen: 50.016 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



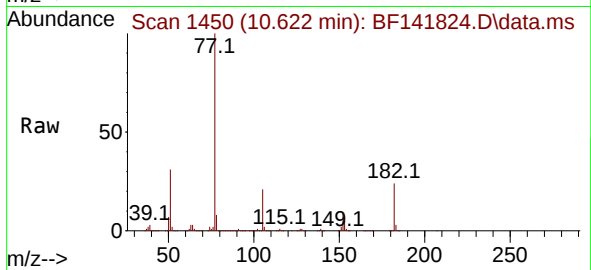
Tgt Ion:138 Resp: 369121  
Ion Ratio Lower Upper  
138 100  
92 54.4 34.9 74.9  
108 74.9 59.6 99.6





#63  
Azobenzene  
Concen: 38.435 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

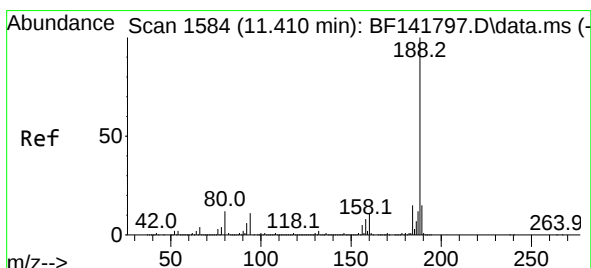
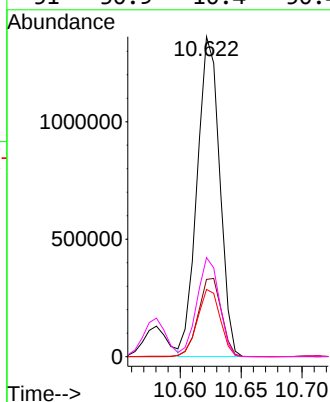
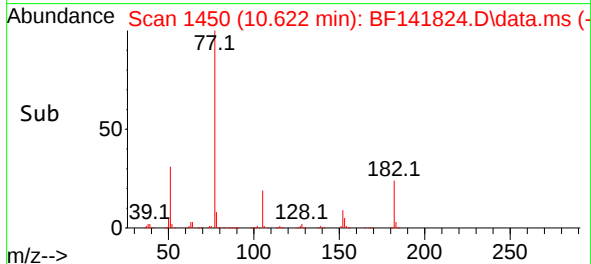
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 175320  
Ion Ratio Lower Upper  
77 100  
182 24.1 4.2 44.2  
105 21.0 1.5 41.5  
51 30.9 10.4 50.4

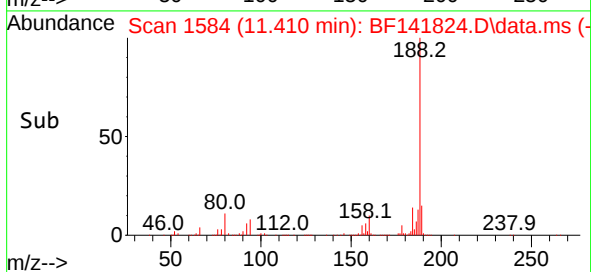
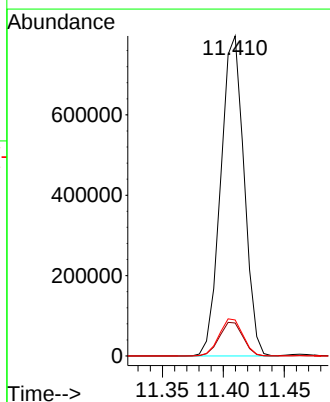
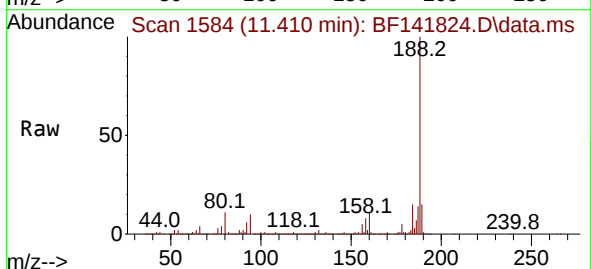
Manual Integrations  
APPROVED

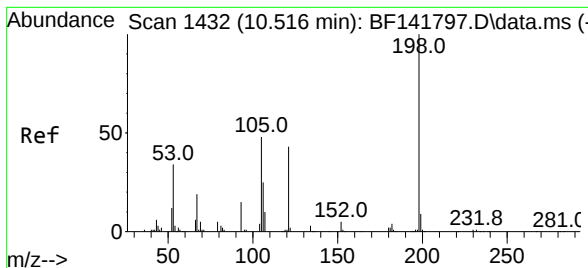
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

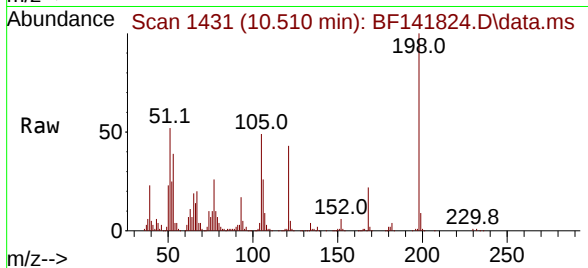
Tgt Ion:188 Resp: 1061915  
Ion Ratio Lower Upper  
188 100  
94 10.3 8.9 13.3  
80 11.2 9.7 14.5





#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.478 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

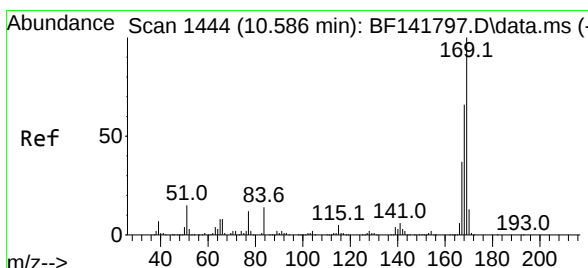
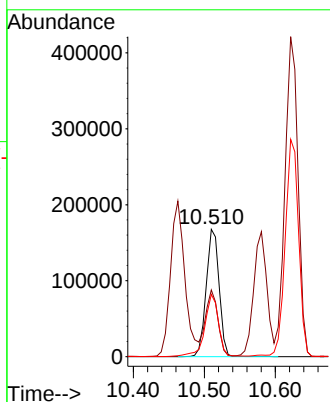
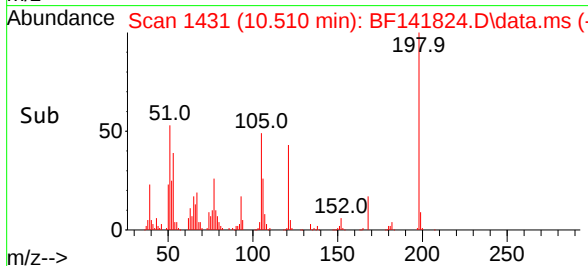
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



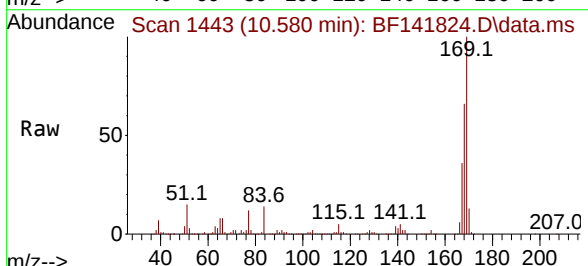
Tgt Ion:198 Resp: 212809  
Ion Ratio Lower Upper  
198 100  
51 52.4 32.1 72.1  
105 48.9 28.5 68.5

Manual Integrations  
APPROVED

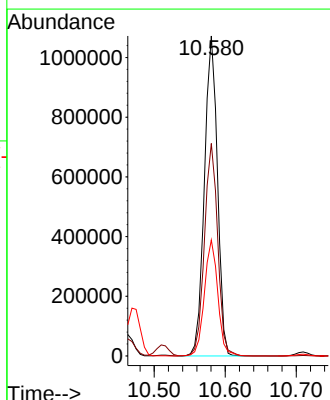
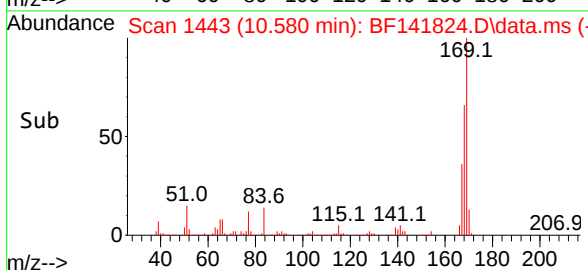
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

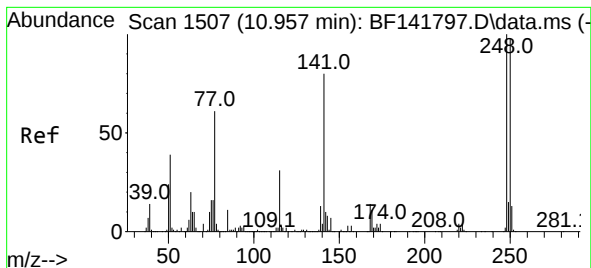


#66  
n-Nitrosodiphenylamine  
Concen: 39.235 ng  
RT: 10.580 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



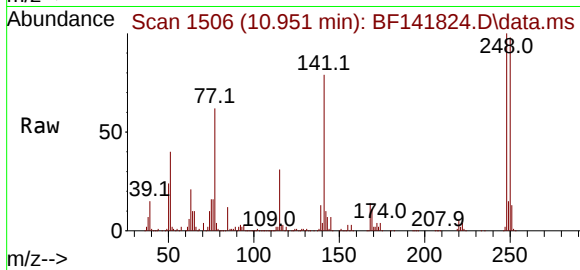
Tgt Ion:169 Resp: 1368091  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.0 79.6  
167 36.3 29.3 43.9





#67  
4-Bromophenyl-phenylether  
Concen: 39.236 ng  
RT: 10.951 min Scan# 1506  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

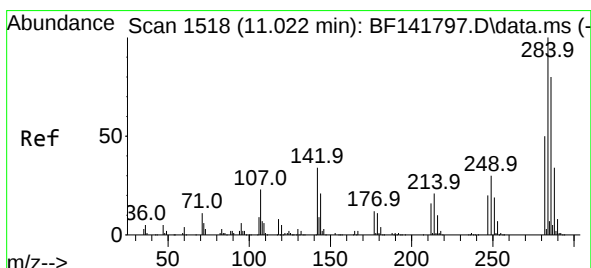
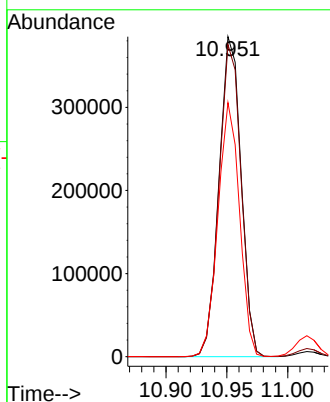
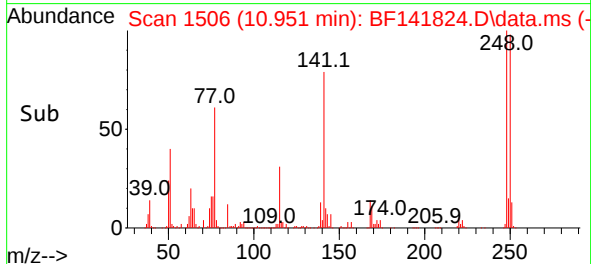
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



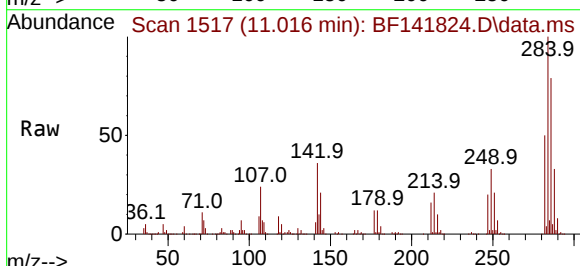
Tgt Ion:248 Resp: 486664  
Ion Ratio Lower Upper  
248 100  
250 97.6 78.1 117.1  
141 79.4 64.3 96.5

Manual Integrations  
APPROVED

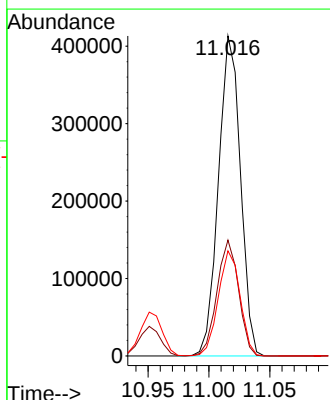
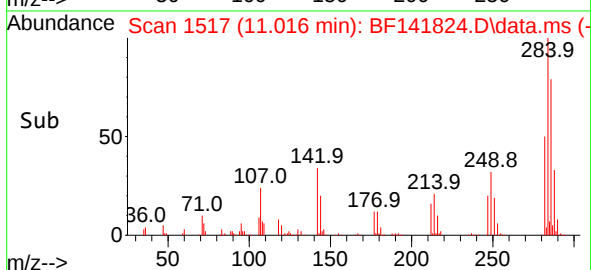
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

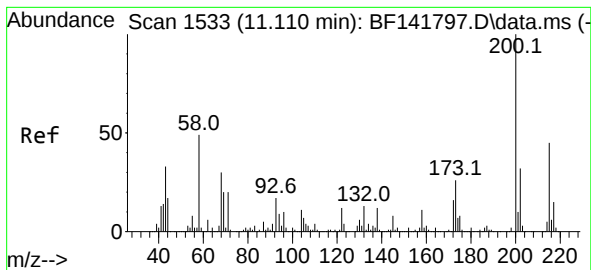


#68  
Hexachlorobenzene  
Concen: 39.682 ng  
RT: 11.016 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



Tgt Ion:284 Resp: 519753  
Ion Ratio Lower Upper  
284 100  
142 36.2 28.2 42.2  
249 32.9 25.5 38.3





#69

Atrazine

Concen: 35.582 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF141824.D

Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

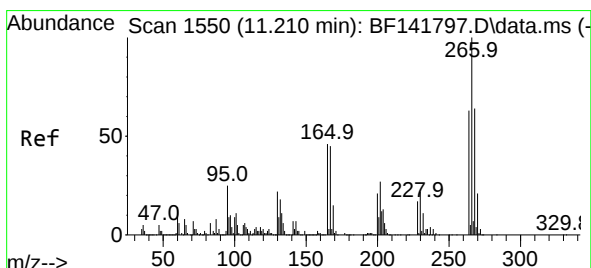
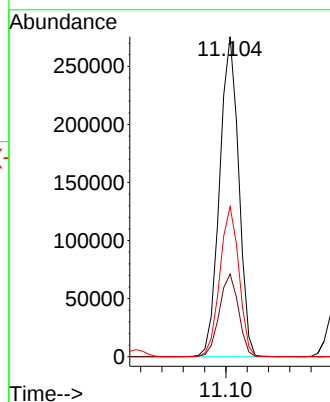
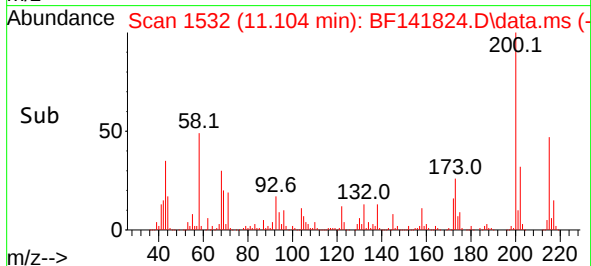
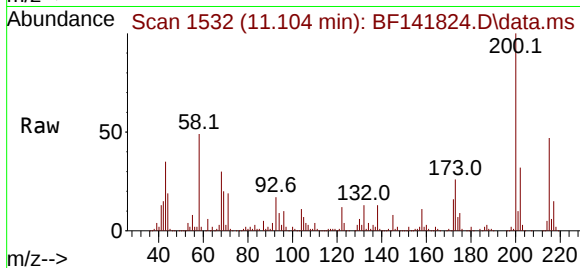
SSTDCCC040

Tgt Ion:200 Resp: 341198  
 Ion Ratio Lower Upper  
 200 100  
 173 25.8 5.6 45.6  
 215 46.9 25.3 65.3

Manual Integrations

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Reviewed By :Anahy Claudio 03/05/2025  
 Supervised By :Jagrut Upadhyay 03/05/2025



#70

Pentachlorophenol

Concen: 43.155 ng

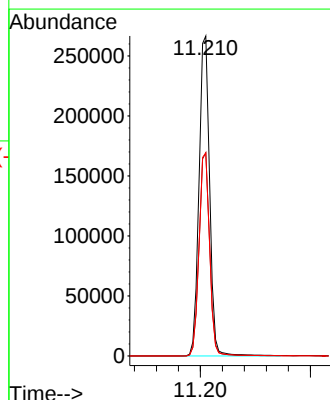
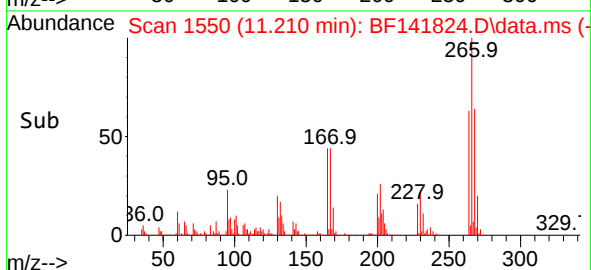
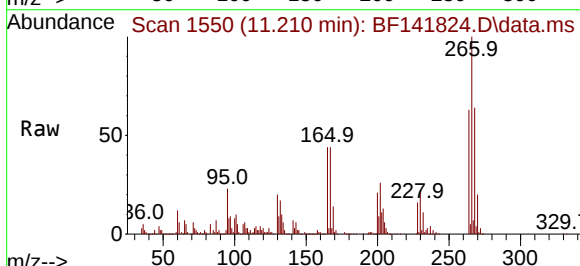
RT: 11.210 min Scan# 1550

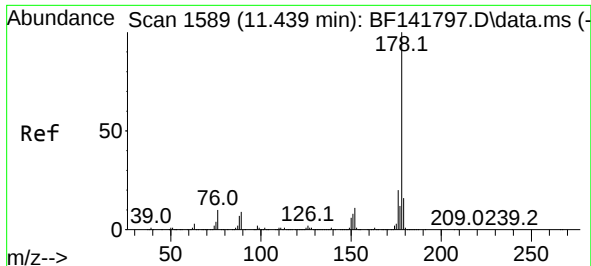
Delta R.T. -0.000 min

Lab File: BF141824.D

Acq: 04 Mar 2025 13:46

Tgt Ion:266 Resp: 358495  
 Ion Ratio Lower Upper  
 266 100  
 268 63.5 50.9 76.3  
 264 63.5 50.2 75.4





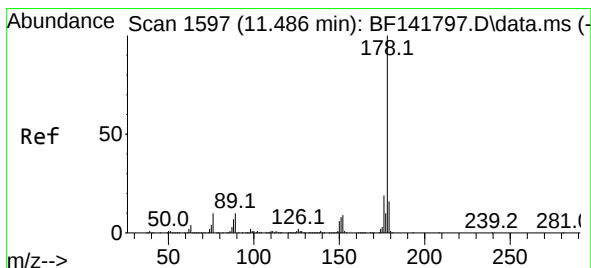
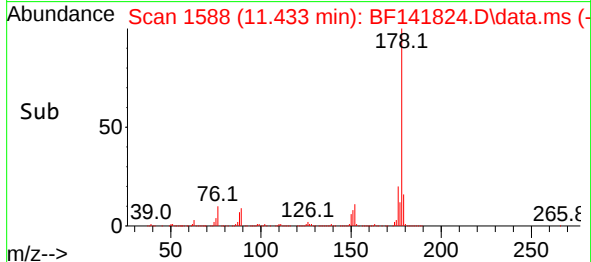
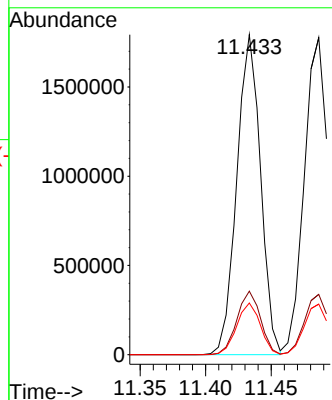
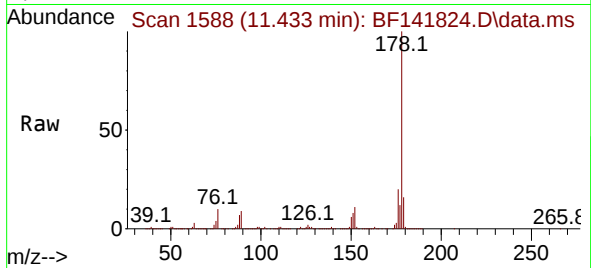
#71  
Phenanthrene  
Concen: 39.801 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 2260798  
Ion Ratio Lower Upper  
178 100  
176 19.9 16.0 24.0  
179 16.2 12.6 19.0

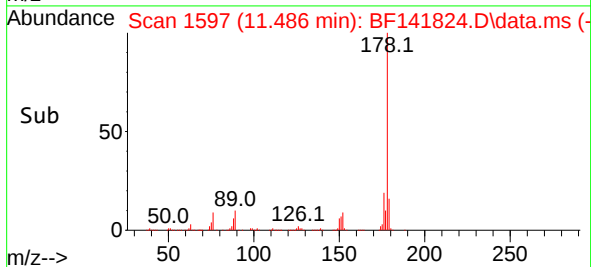
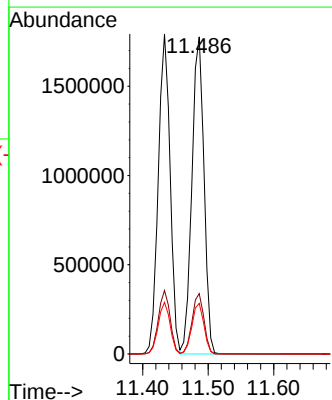
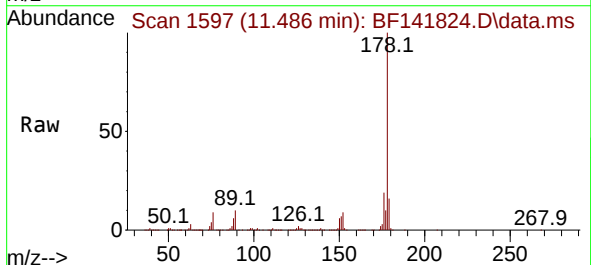
Manual Integrations  
APPROVED

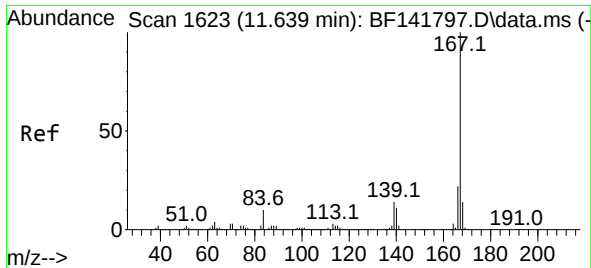
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#72  
Anthracene  
Concen: 39.965 ng  
RT: 11.486 min Scan# 1597  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

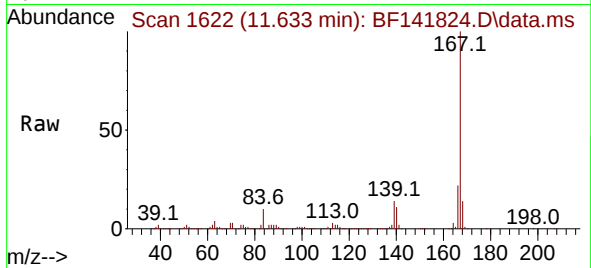
Tgt Ion:178 Resp: 2275135  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.0  
179 15.9 12.8 19.2





#73  
 Carbazole  
 Concen: 40.670 ng  
 RT: 11.633 min Scan# 1622  
 Delta R.T. -0.006 min  
 Lab File: BF141824.D  
 Acq: 04 Mar 2025 13:46

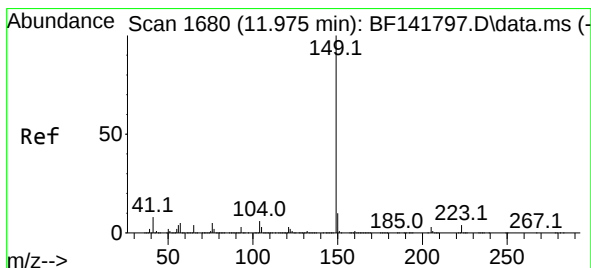
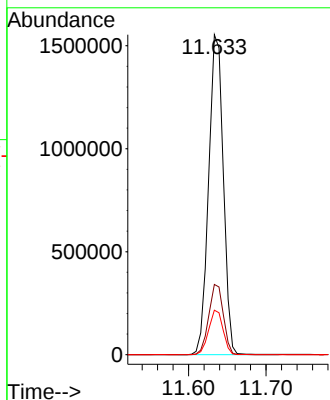
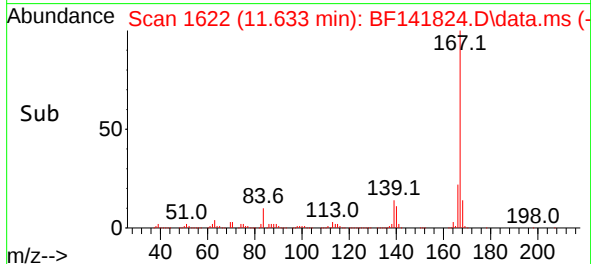
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



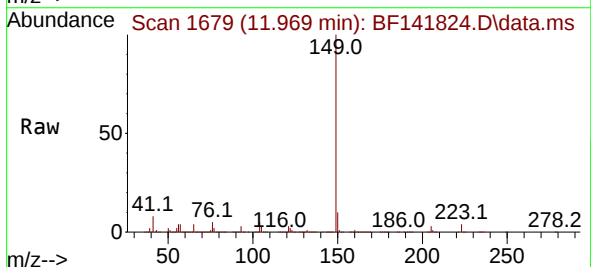
Tgt Ion:167 Resp: 204456  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.5 26.3  
 139 13.9 11.3 16.9

Manual Integrations  
 APPROVED

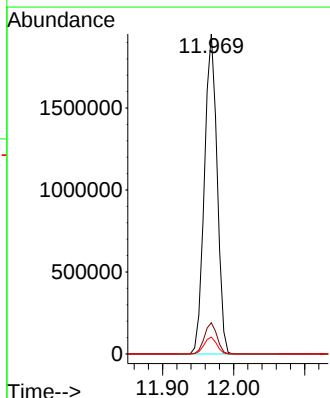
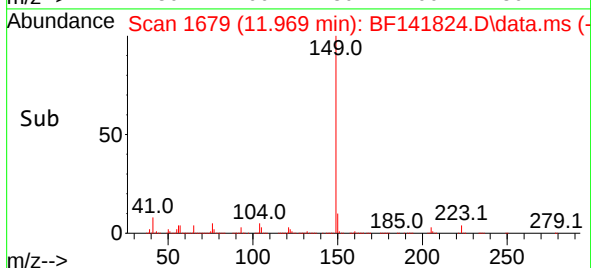
Reviewed By :Anahy Claudio 03/05/2025  
 Supervised By :Jagrut Upadhyay 03/05/2025

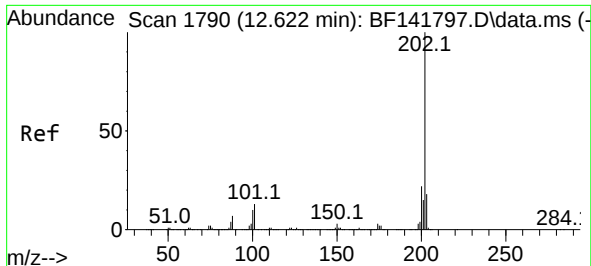


#74  
 Di-n-butylphthalate  
 Concen: 38.095 ng  
 RT: 11.969 min Scan# 1679  
 Delta R.T. -0.006 min  
 Lab File: BF141824.D  
 Acq: 04 Mar 2025 13:46



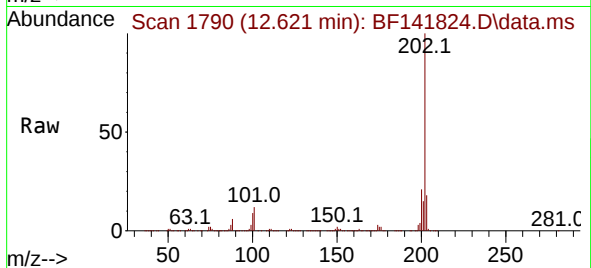
Tgt Ion:149 Resp: 2427528  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.7 11.5  
 104 5.3 4.4 6.6





#75  
Fluoranthene  
Concen: 40.955 ng  
RT: 12.621 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

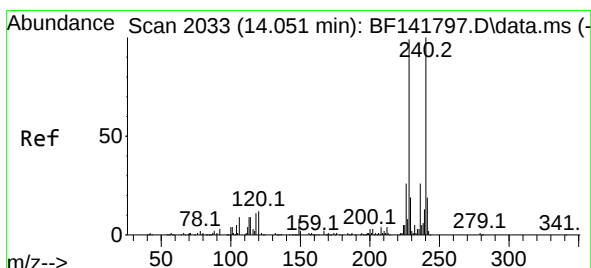
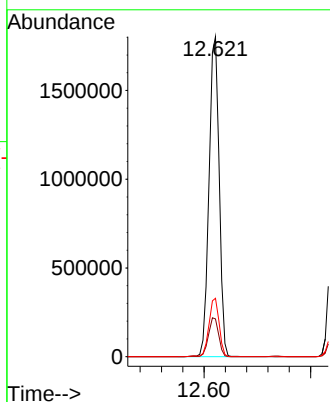
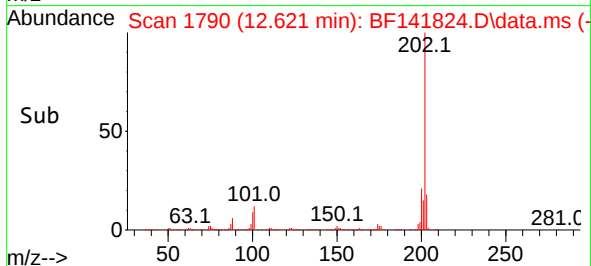
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:202 Resp: 238369  
Ion Ratio Lower Upper  
202 100  
101 11.8 0.0 32.8  
203 18.3 0.0 38.0

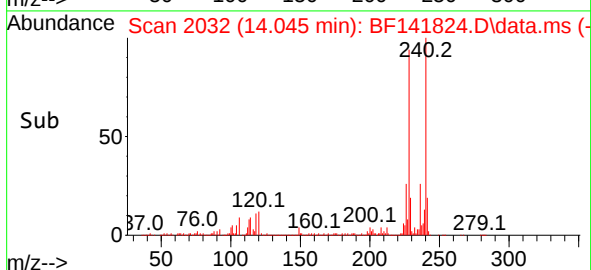
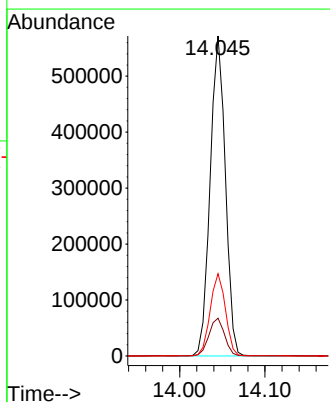
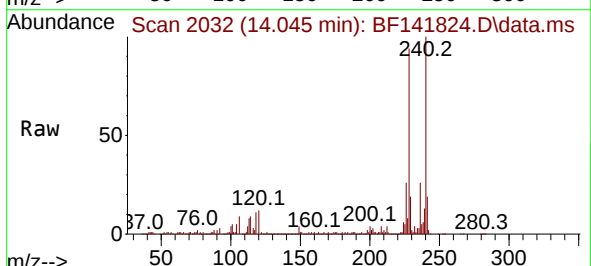
Manual Integrations  
APPROVED

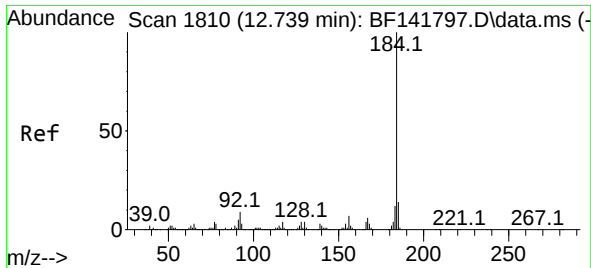
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

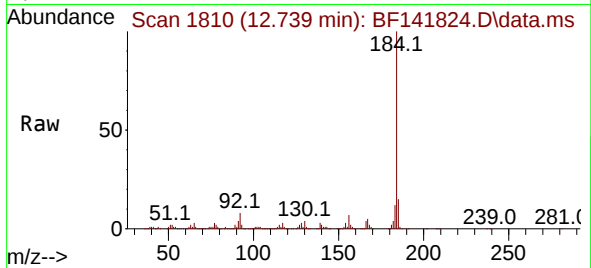
Tgt Ion:240 Resp: 709212  
Ion Ratio Lower Upper  
240 100  
120 11.8 9.7 14.5  
236 25.7 21.0 31.4





#77  
Benzidine  
Concen: 66.715 ng  
RT: 12.739 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

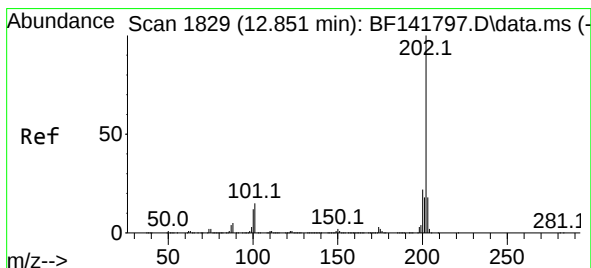
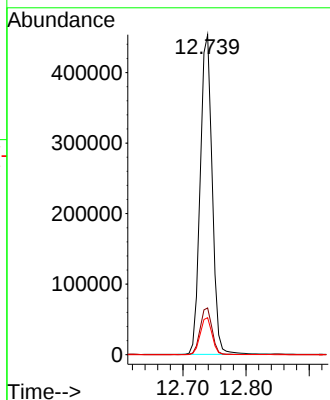
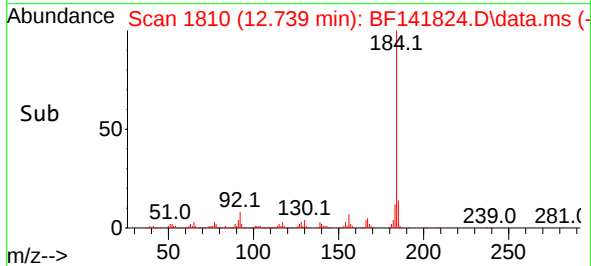
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



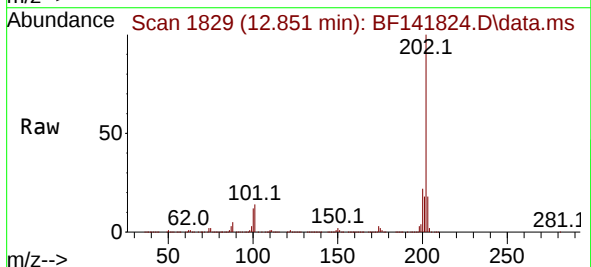
Tgt Ion:184 Resp: 595524  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.6 17.4  
183 11.6 9.4 14.0

Manual Integrations  
APPROVED

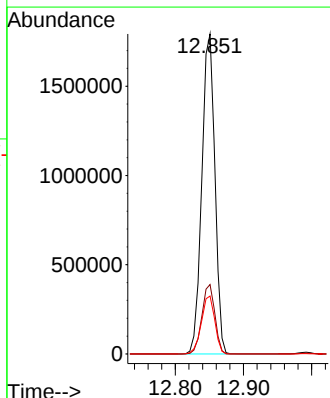
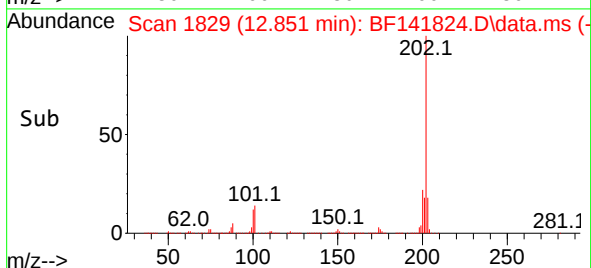
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025

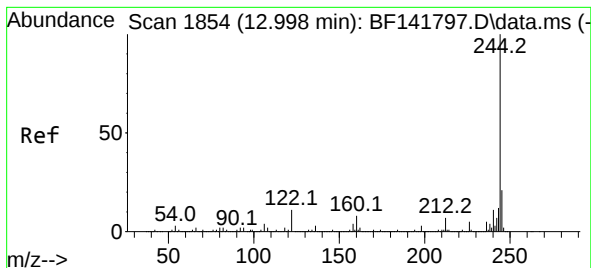


#78  
Pyrene  
Concen: 38.889 ng  
RT: 12.851 min Scan# 1829  
Delta R.T. -0.000 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46



Tgt Ion:202 Resp: 2388331  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.4 26.0  
203 18.1 14.6 22.0





#79

Terphenyl-d14

Concen: 74.701 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141824.D

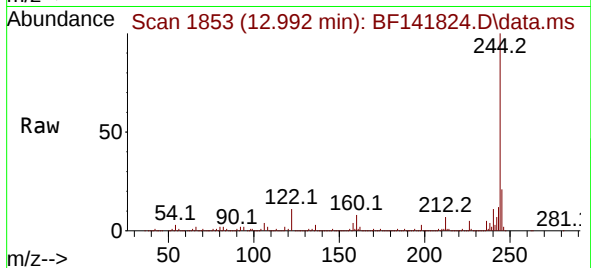
Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 327452

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

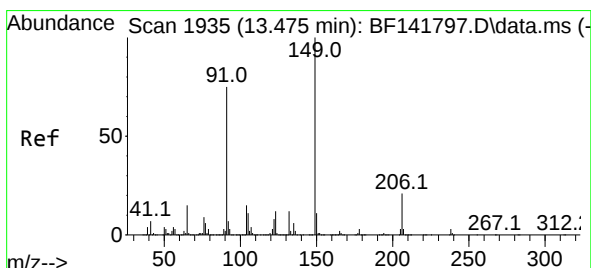
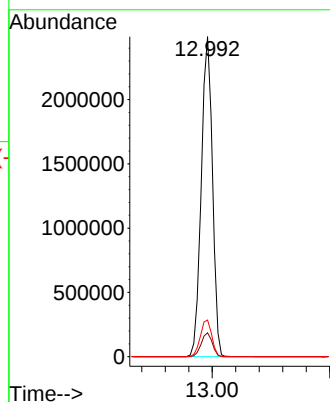
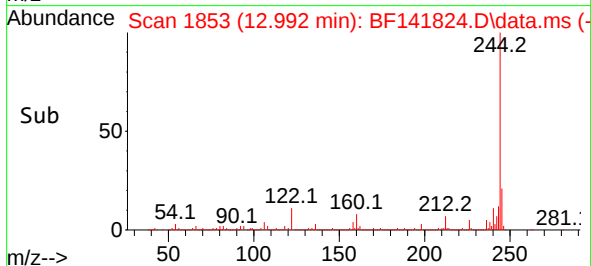
122 11.4 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#80

Butylbenzylphthalate

Concen: 40.696 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF141824.D

Acq: 04 Mar 2025 13:46

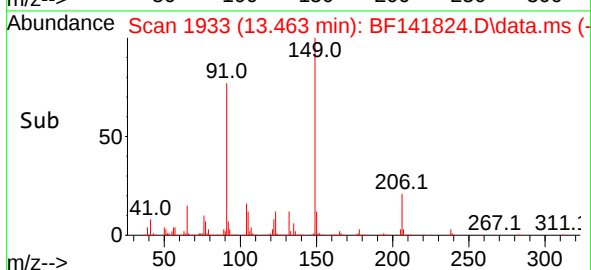
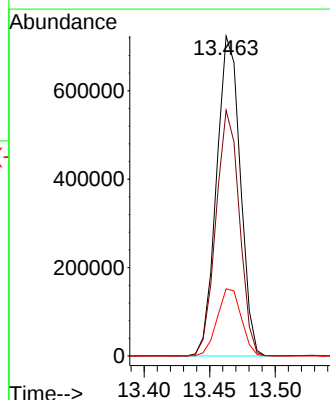
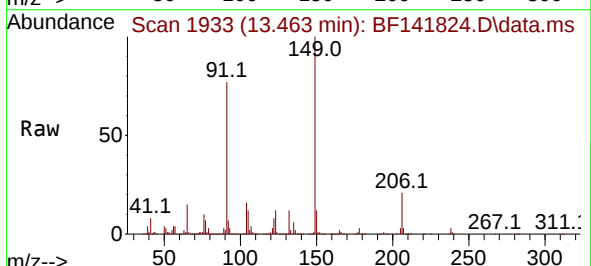
Tgt Ion:149 Resp: 908038

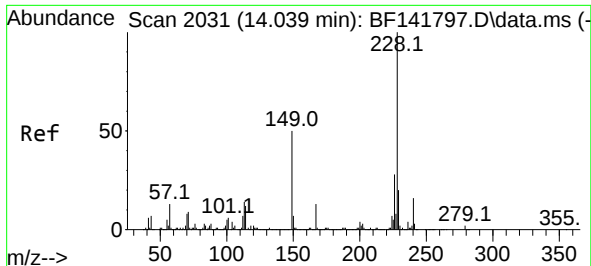
Ion Ratio Lower Upper

149 100

91 76.7 60.1 90.1

206 21.0 16.8 25.2





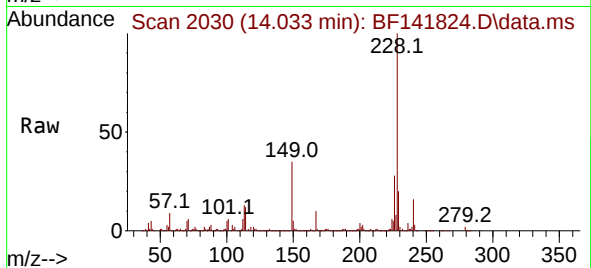
#81  
Benzo(a)anthracene  
Concen: 38.631 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

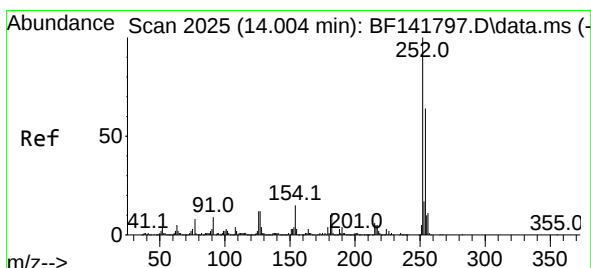
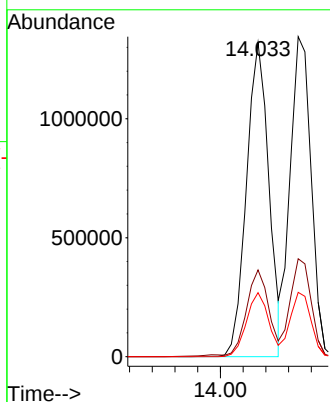
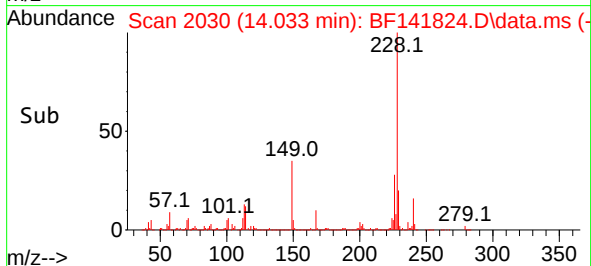


Tgt Ion:228 Resp: 1809644  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.1 33.1  
229 20.4 16.1 24.1

Manual Integrations

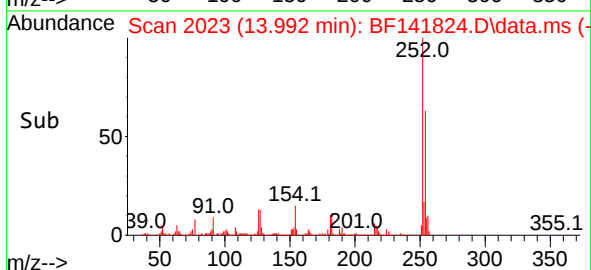
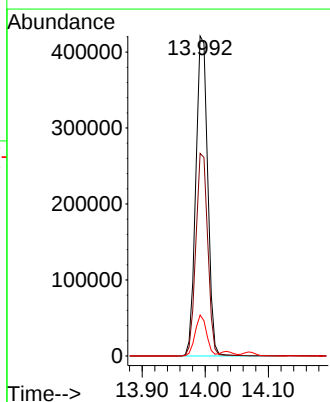
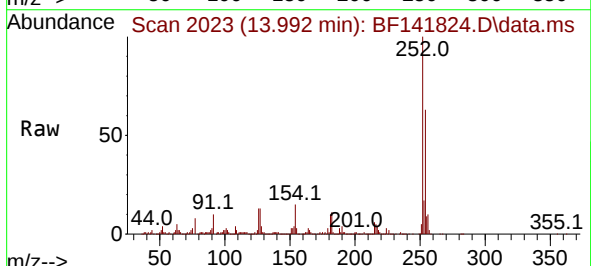
APPROVED

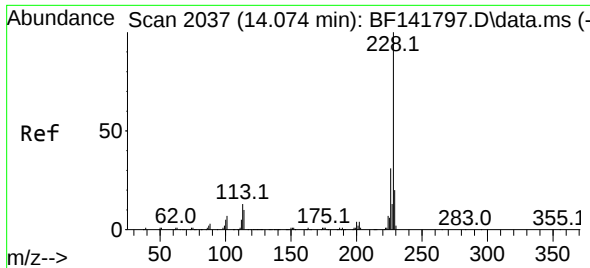
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 40.983 ng  
RT: 13.992 min Scan# 2023  
Delta R.T. -0.012 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Tgt Ion:252 Resp: 550809  
Ion Ratio Lower Upper  
252 100  
254 63.3 51.4 77.0  
126 12.8 9.8 14.6





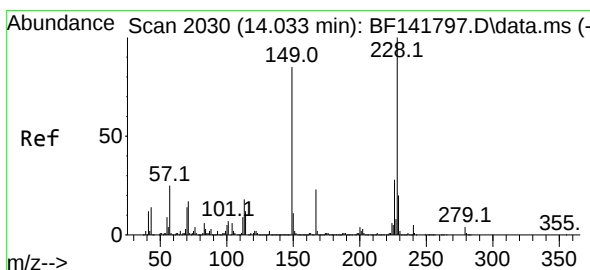
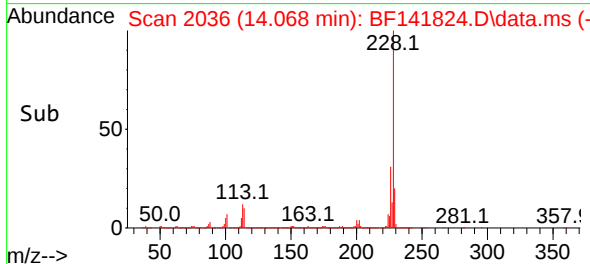
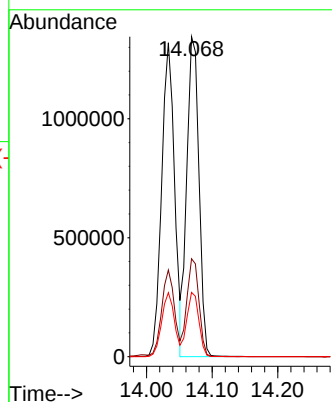
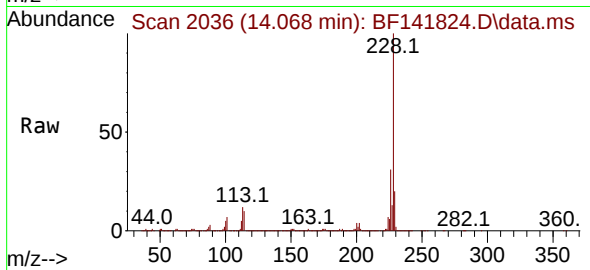
#83  
Chrysene  
Concen: 39.954 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. -0.006 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:228 Resp: 1725300  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.6 37.0  
229 20.1 16.1 24.1

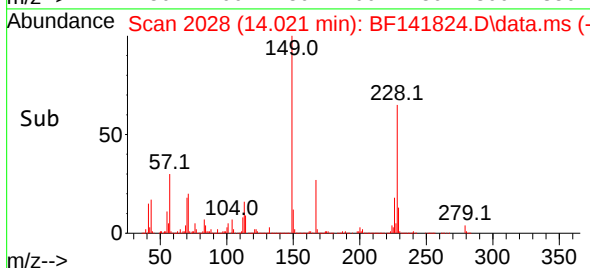
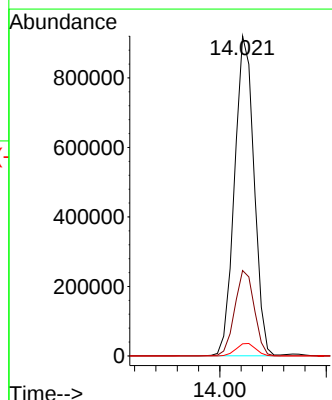
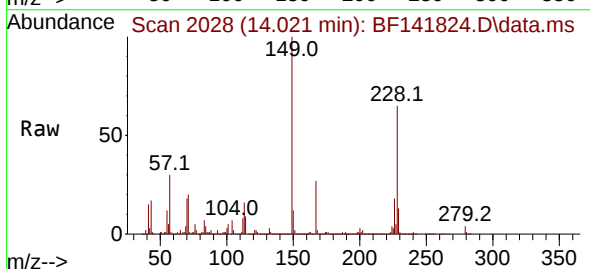
Manual Integrations  
APPROVED

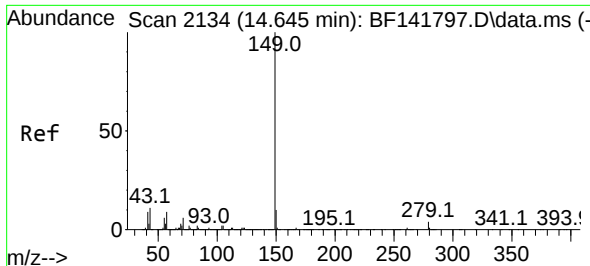
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.235 ng  
RT: 14.021 min Scan# 2028  
Delta R.T. -0.012 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

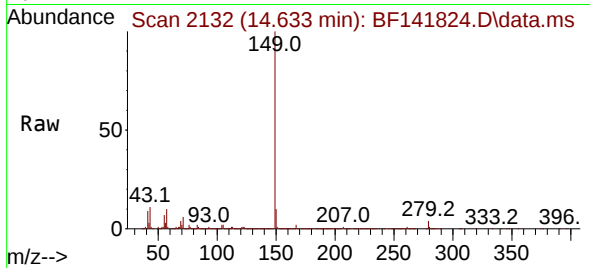
Tgt Ion:149 Resp: 1173412  
Ion Ratio Lower Upper  
149 100  
167 26.7 21.2 31.8  
279 3.8 3.3 4.9





#85  
Di-n-octyl phthalate  
Concen: 39.224 ng  
RT: 14.633 min Scan# 2132  
Delta R.T. -0.012 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

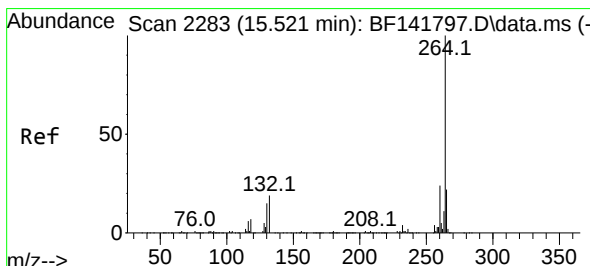
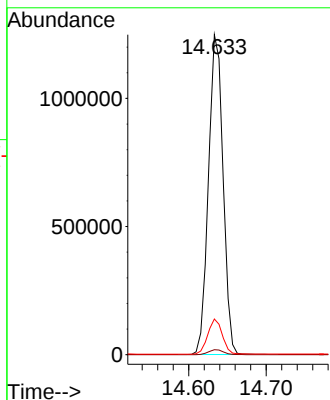
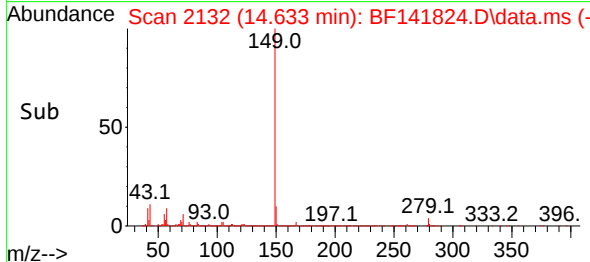
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 1631490  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 11.1 8.6 12.8

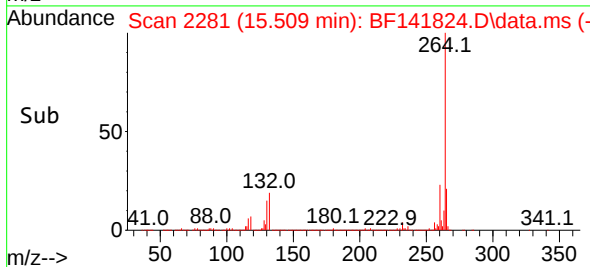
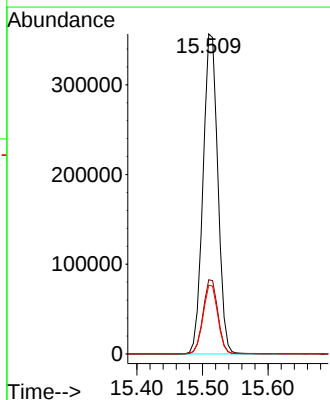
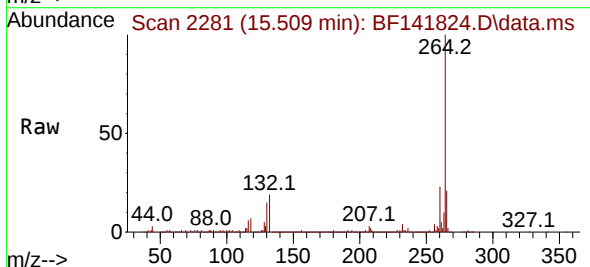
Manual Integrations  
APPROVED

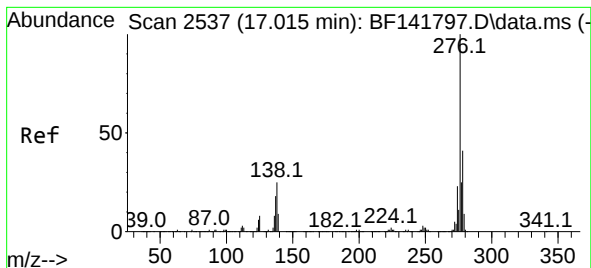
Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.509 min Scan# 2281  
Delta R.T. -0.012 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Tgt Ion:264 Resp: 560512  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.9 28.3  
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.028 ng

RT: 17.003 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141824.D

Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 142864

Ion Ratio Lower Upper

276 100

138 27.2 22.5 33.7

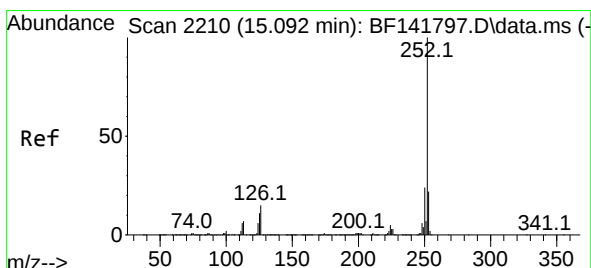
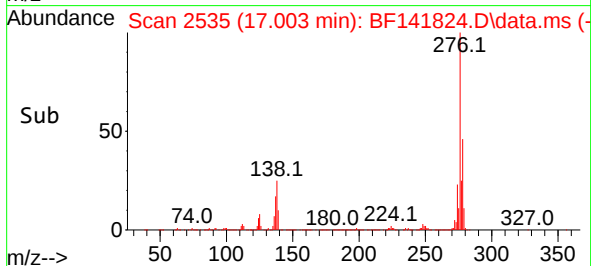
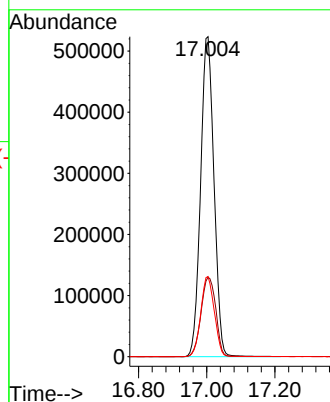
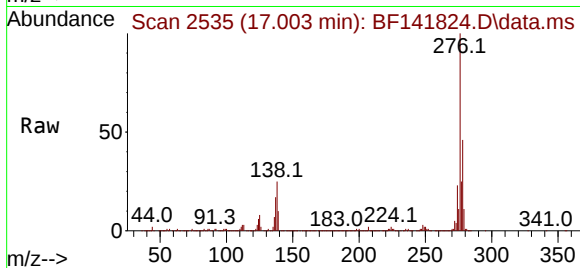
277 25.4 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#88

Benzo(b)fluoranthene

Concen: 40.217 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF141824.D

Acq: 04 Mar 2025 13:46

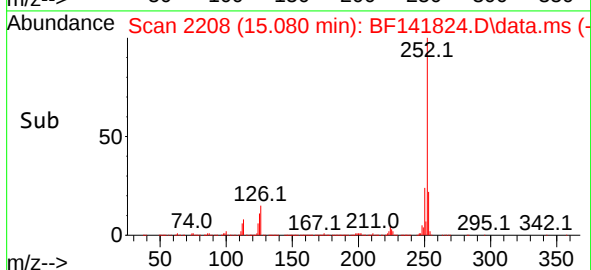
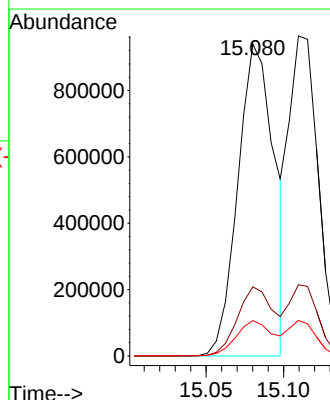
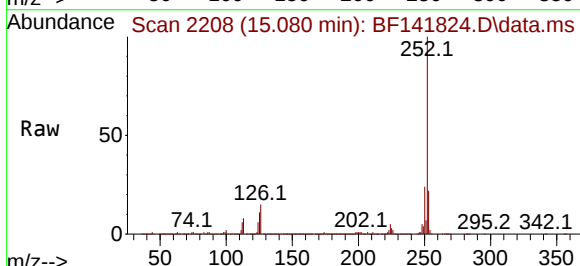
Tgt Ion:252 Resp: 1535514

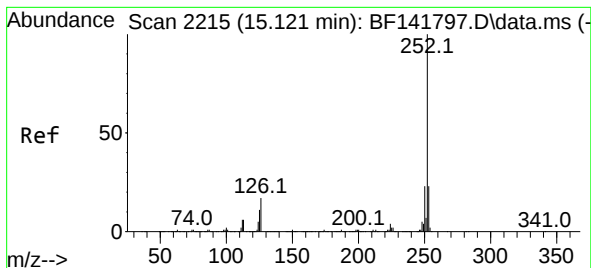
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.3 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 38.997 ng

RT: 15.110 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141824.D

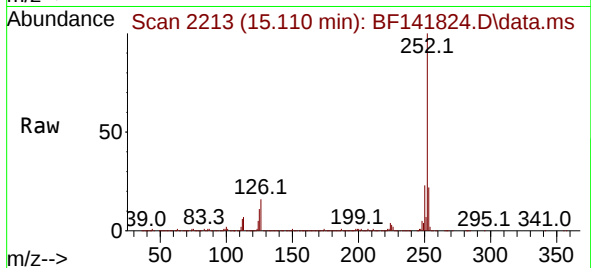
Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:252 Resp: 1265520

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

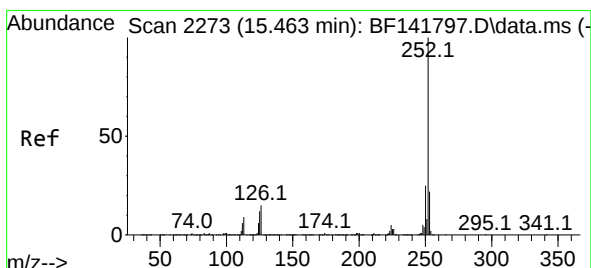
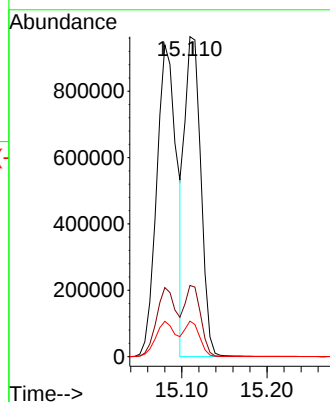
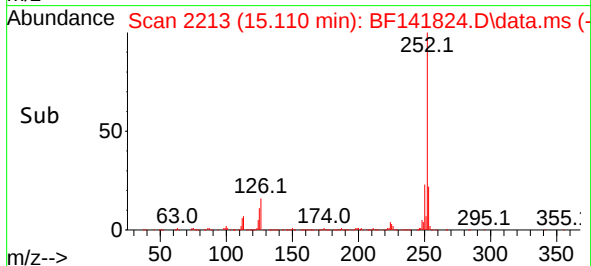
125 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#90

Benzo(a)pyrene

Concen: 39.718 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF141824.D

Acq: 04 Mar 2025 13:46

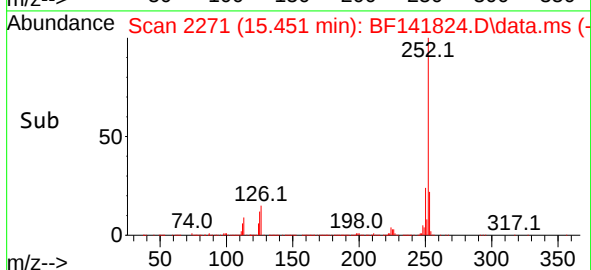
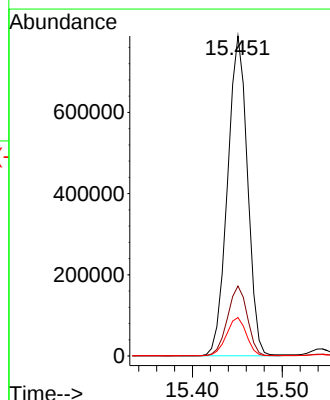
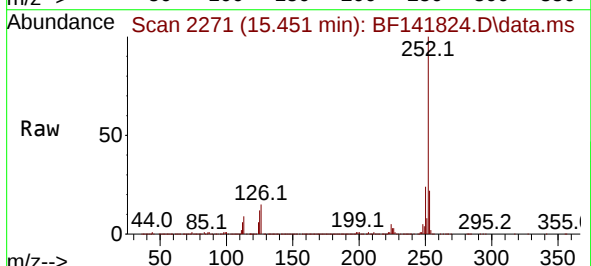
Tgt Ion:252 Resp: 1216179

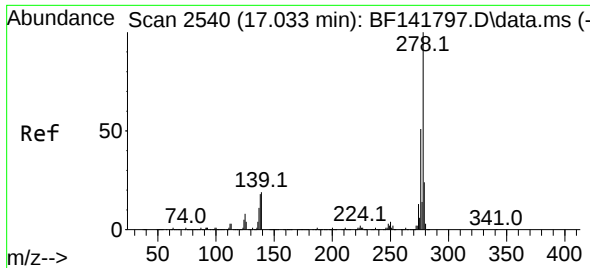
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 12.0 9.4 14.2





#91  
Dibenzo(a,h)anthracene  
Concen: 39.776 ng  
RT: 17.021 min Scan# 2538  
Delta R.T. -0.012 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Instrument :

BNA\_F

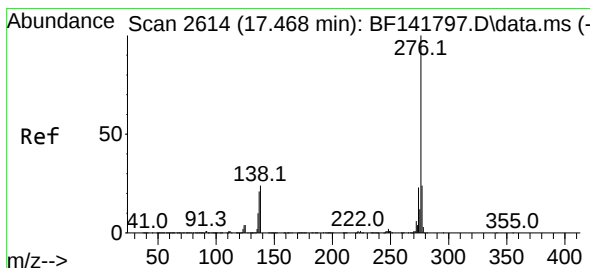
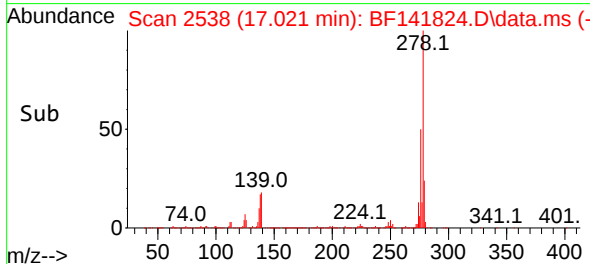
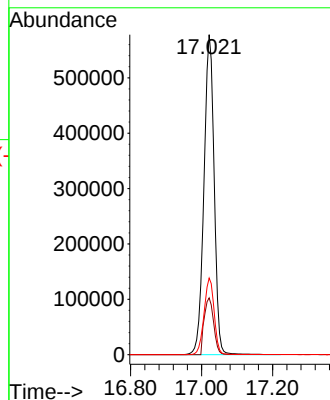
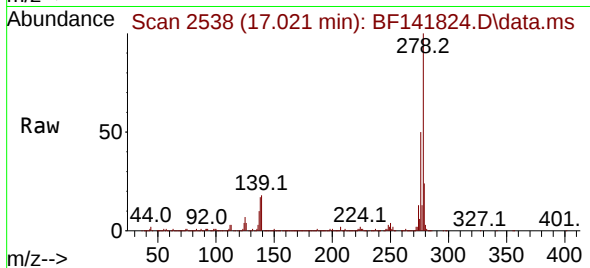
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 115882  
Ion Ratio Lower Upper  
278 100  
139 17.8 14.9 22.3  
279 23.9 19.3 28.9

Manual Integrations  
APPROVED

Reviewed By :Anahy Claudio 03/05/2025  
Supervised By :Jagrut Upadhyay 03/05/2025



#92  
Benzo(g,h,i)perylene  
Concen: 40.469 ng  
RT: 17.456 min Scan# 2612  
Delta R.T. -0.012 min  
Lab File: BF141824.D  
Acq: 04 Mar 2025 13:46

Tgt Ion:276 Resp: 1207865  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.4 29.0  
138 23.4 19.3 28.9

